# Illustrated Parts Manual

## *Models*
## *800S HC3*
## *860SJ HC3*

**PVC**
**2307**

**P/N**
**31222416**

**January 8, 2024 - Rev B**

***ANSI***

CE

UK CA

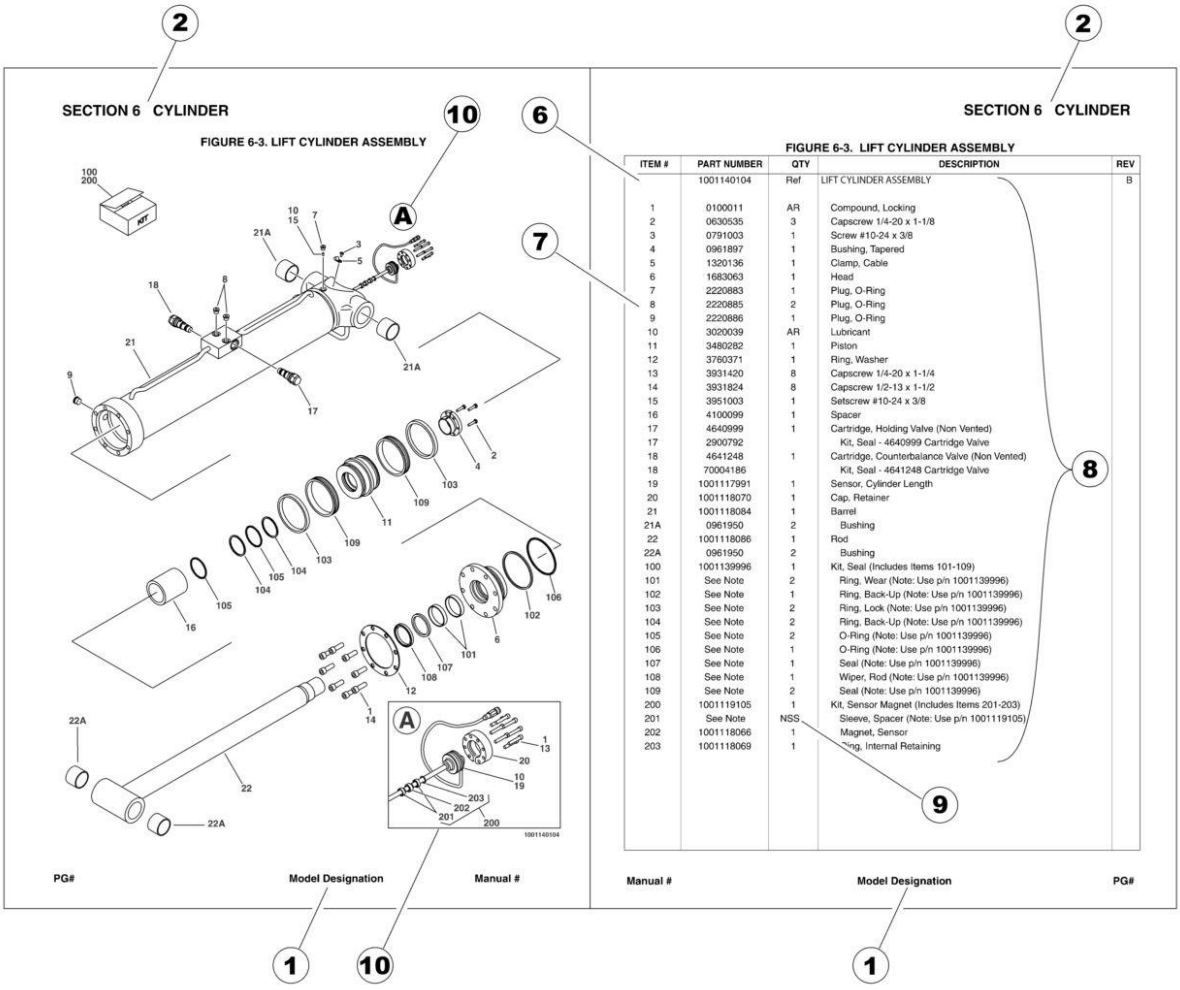
***AS/NZS***

An Oshkosh Corporation Company

# REVISION LOG

July 1, 2023 - A - Original Issue of Manual (Edited to B/M 1001256860 Revision T)
January 8, 2024 - B - Revised Manual (Edited to B/M 1001256860 Revision T)

# GENERAL INFORMATION




| ITEM # | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001140104 | Ref | LIFT CYLINDER ASSEMBLY | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630535 | 3 | Capscrew 1/4-20 x 1-1/8 | |
| 3 | 0791003 | 1 | Screw #10-24 x 3/8 | |
| 4 | 0961897 | 1 | Bushing, Tapered | |
| 5 | 1320136 | 1 | Clamp, Cable | |
| 6 | 1683063 | 1 | Head | |
| 7 | 2220883 | 1 | Plug, O-Ring | |
| 8 | 2220885 | 2 | Plug, O-Ring | |
| 9 | 2220886 | 1 | Plug, O-Ring | |
| 10 | 3020039 | AR | Lubricant | |
| 11 | 3480282 | 1 | Piston | |
| 12 | 3760371 | 1 | Ring, Washer | |
| 13 | 3931420 | 8 | Capscrew 1/4-20 x 1-1/4 | |
| 14 | 3931824 | 8 | Capscrew 1/2-13 x 1-1/2 | |
| 15 | 3951003 | 1 | Setscrew #10-24 x 3/8 | |
| 16 | 4100099 | 1 | Spacer | |
| 17 | 4640999 | 1 | Cartridge, Holding Valve (Non Vented) | |
| 17 | 2900792 | | Kit, Seal - 4640999 Cartridge Valve | |
| 18 | 4641248 | 1 | Cartridge, Counterbalance Valve (Non Vented) | |
| 18 | 70004186 | | Kit, Seal - 4641248 Cartridge Valve | |
| 19 | 1001117991 | 1 | Sensor, Cylinder Length | |
| 20 | 1001118070 | 1 | Cap, Retainer | |
| 21 | 1001118084 | 1 | Barrel | |
| 21A | 0961950 | 2 | Bushing | |
| 22 | 1001118086 | 1 | Rod | |
| 22A | 0961950 | 2 | Bushing | |
| 100 | 1001139996 | 1 | Kit, Seal (Includes Items 101-109) | |
| 101 | See Note | 2 | Ring, Wear (Note: Use p/n 1001139996) | |
| 102 | See Note | 1 | Ring, Back-Up (Note: Use p/n 1001139996) | |
| 103 | See Note | 2 | Ring, Lock (Note: Use p/n 1001139996) | |
| 104 | See Note | 2 | Ring, Back-Up (Note: Use p/n 1001139996) | |
| 105 | See Note | 2 | O-Ring (Note: Use p/n 1001139996) | |
| 106 | See Note | 1 | O-Ring (Note: Use p/n 1001139996) | |
| 107 | See Note | 1 | Seal (Note: Use p/n 1001139996) | |
| 108 | See Note | 1 | Wiper, Rod (Note: Use p/n 1001139996) | |
| 109 | See Note | 2 | Seal (Note: Use p/n 1001139996) | |
| 200 | 1001119105 | 1 | Kit, Sensor Magnet (Includes Items 201-203) | |
| 201 | See Note | NSS | Sleeve, Spacer (Note: Use p/n 1001119105) | |
| 202 | 1001118066 | 1 | Magnet, Sensor | |
| 203 | 1001118069 | 1 | Ring, Internal Retaining | |

### 1) MACHINE IDENTIFICATION

Machines are identified by model and in some cases a combination of models, serial number (SN) or regional standard (i.e ANSI, CE,CSA). Components may also be identified by SN or manufacturer. Common components that may be identified by these characteristics are engines and hydraulic components.

### 2) PARTS MANUAL ORGANIZATION

Product information in this manual is organized under section titles. Frame, Cylinder, Hydraulic and Electrical are a few examples. Each section is organized by figure and page number. The information within the Figure is then organized by item number, part number, description and corresponding illustration (s).

### 3) TABLE OF CONTENTS (NOT SHOWN)

A table of contents is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

### 4) RECOMMENDED SPARE PARTS (NOT SHOWN)

The Recommended Spare Parts List, located near the end of the manual, reference most frequently used maintenance parts.

### 5) PART NUMBER INDEX (NOT SHOWN)

A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.

# GENERAL INFORMATION

### 6) NON-SERVICED PARTS

In some instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations there will be a Ref in the Qty. column. In case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) or NLA (No Longer Available) listed in the Qty. column of the manual.

### 7) PARTS LIST ITEM NUMBERS

Numbers shown in the item# column correspond to numbers used in the associated illustration (s). Item numbers which are missing from the sequence in the parts list are not used on that page.

### 8) INDENTED PARTS DESCRIPTION

An indented part description is included in the item under which it is indented.

### 9) ABBREVIATION AND SYMBOLS

AC..... Alternating Current
ADE.....Advanced Design Electronics
AG.....Agricultural
ANSI.....American National Standards Institute
AR.....As Required
ASSY..... Assembly
AUS.....Australia
AUX.....Auxiliary
AWG.....American Wire Gauge
B/M.....Bill of Material
CAC.....Charge Air Cooler
CE.....European Conformity
CCW.....Counter Clockwise
CM.....Centimeter
CW.....Clockwise
CSA.....Canadian Standards Association
CYL.....Cylinder
DIA.....Diameter
DC.....Direct Current
DEF.....Diesel Exhaust Fliud
EMS..... Emergency Stop
ENG.....Engine
FT(ft) .....Feet
GA(Ga).....Gauge
HRC.....High Rated Countries
HVAC.....Heating, Ventilating, and Air Conditioning
HYD.....Hydraulic
Hz.....Hertz
ID.....Inside Diameter
IN.....inches
ISO.....International Organization for Standards
JIC.....Joint Industry Council
KG.....Kilogram
L.....Liter
LB(LBS).....Pounds
LCD..... Liquid Crystal Display
LED..... .Light Emitting Diodes
LH.....Left Hand
LRC.....Low Rated Countries
LSS.....Load Sensing System
M(m).....Metric/Meter
MM(mm).....Milimeter
mA.....Miliamps
NLA.....No Longer Available
NPT..... National Pipe Threads
NSS.....Not Sold Separately
OD.....Outside Diameter
ORB..... O-Ring Boss
ORFS.....O-Ring Face Seal
OZ (oz).....Ounces
PG.....Page
PN.....Part Number
QT(qt.). .....Quarts
QTY.....Quantity
REF.....Reference
REV.....Revision Level
RH.....Right Hand
SAE.....Society of Automotive Engineers
SN..... ..Serial Number
SPEC(S).....Specifications
T/T.....Turntable
UGM.....Universal Ground Module
V.....Volts
W.....Watts
#.....Number

### 10) ILLUSTRATION REFERANCE LETTERS

When necessary, illustrations may contain reference letters that are intended to track information (i. e. hoses, harnesses) from one point to another or to track visual enlargement of components to show details that may be located in another area on the illustration.

*Note: Due to continuous product improvements, JLG Industries, Inc. reserves the right to make specification changes without prior notification. Contact JLG Industries, Inc. for updated information.*

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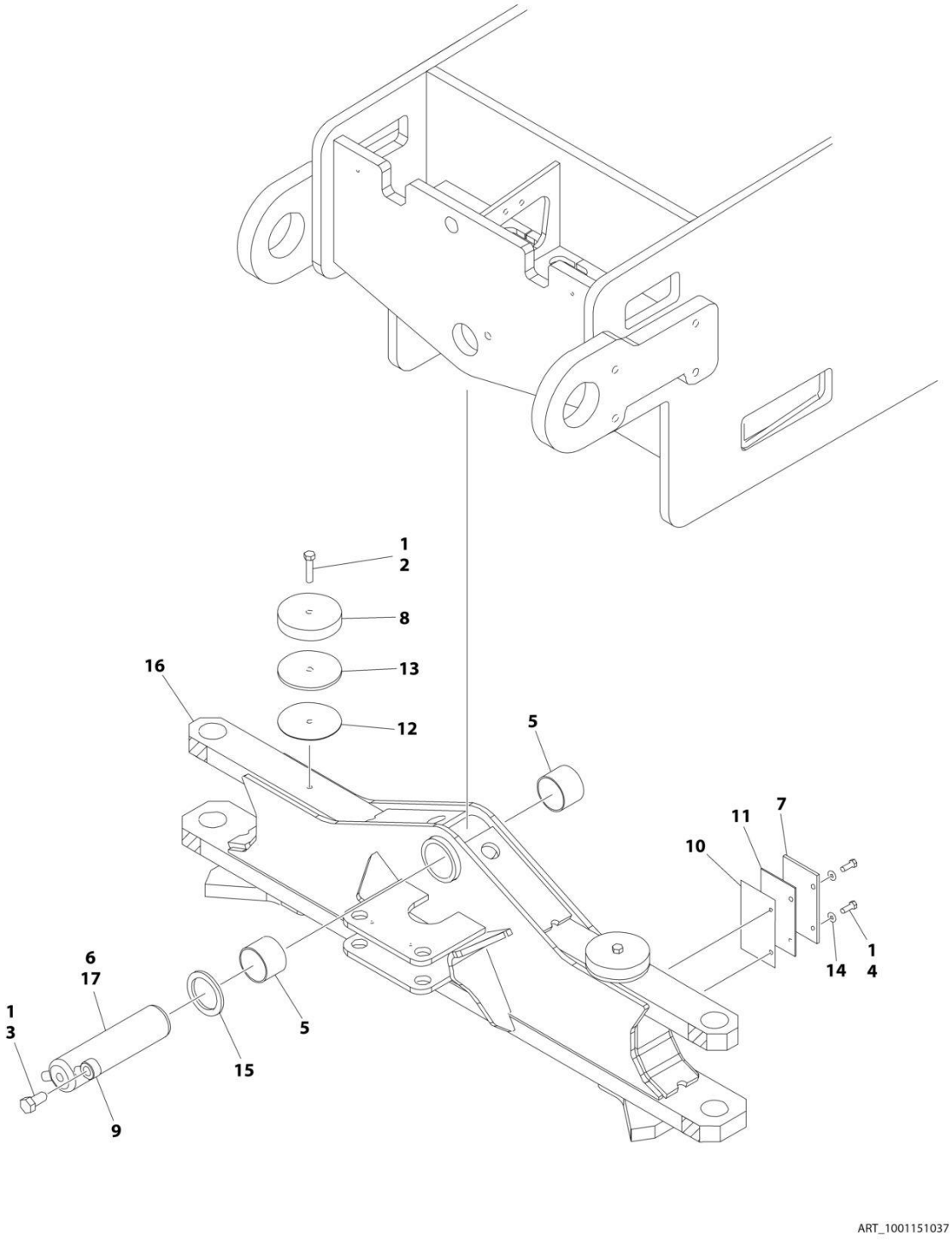
# SECTION 1 - FRAME

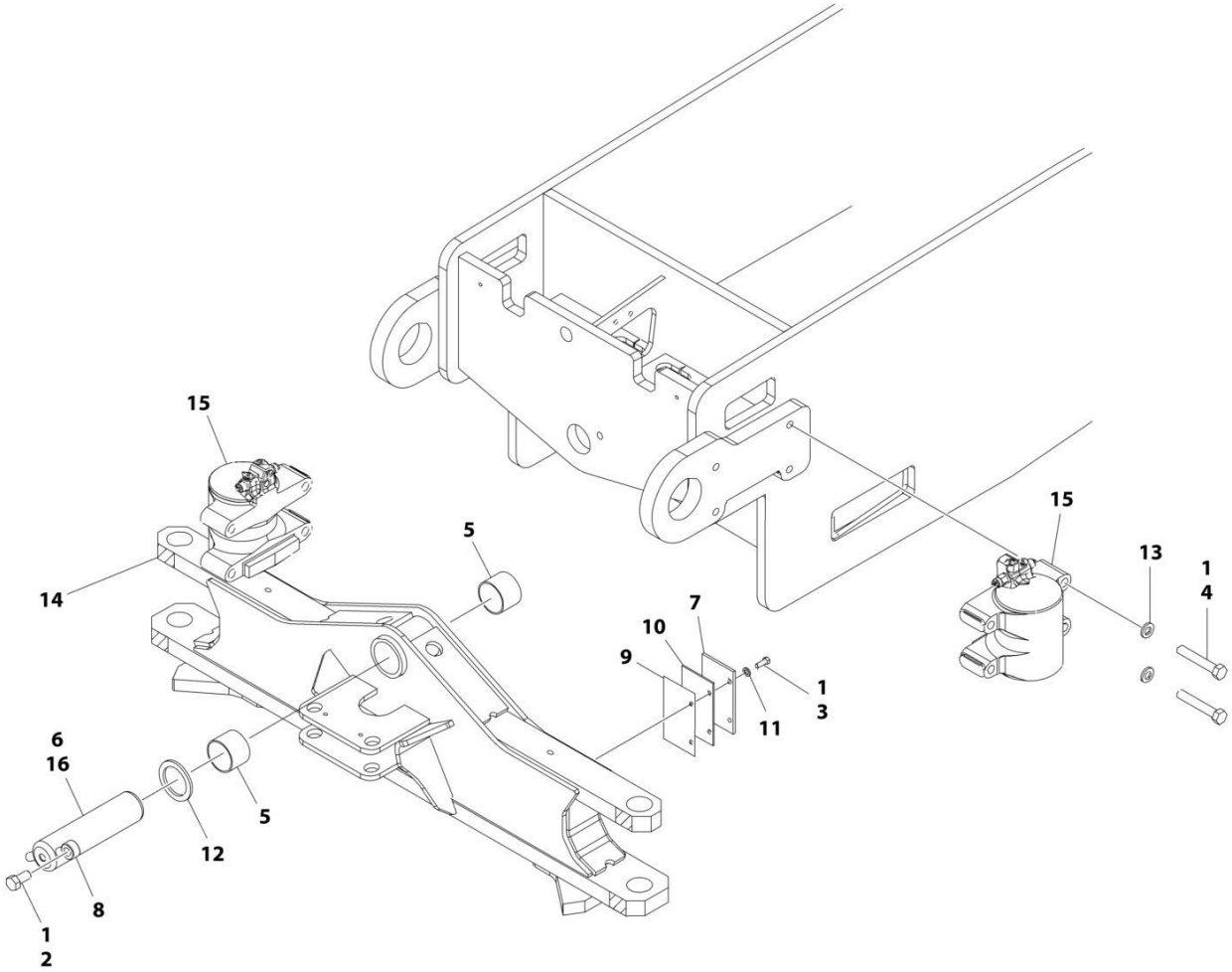
## FIGURE 1-1. AXLE INSTALLATION - FIXED (WITHOUT TOW PACKAGE)



## FIGURE 1-1. AXLE INSTALLATION - FIXED (WITHOUT TOW PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151037 | Ref | FIXED AXLE INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641818 | 2 | Bolt 1/2 x 2-1/4 | |
| 3 | 0642212 | 1 | Bolt 3/4 x 1-1/2 | |
| 4 | 0681608 | 4 | Bolt 3/8 x 1 Grade 8 | |
| 5 | 0962102 | 2 | Bushing | |
| 6 | 3020039 | AR | Lubricant | |
| 7 | 3538047 | 2 | Shim, Wear | |
| 8 | 3539877 | 2 | Plate, Stop | |
| 9 | 3841287 | 1 | Keeper, Pin | |
| 10 | 4070878 | AR | Shim 1/16 | |
| 11 | 4070879 | AR | Shim 1/8 | |
| 12 | 4070944 | AR | Shim 1/16 | |
| 13 | 4070945 | AR | Shim 1/4 | |
| 14 | 4711600 | 4 | Washer 3/8 | |
| 15 | 4740472 | 1 | Washer, Special | |
| 16 | 1001152719 | 1 | Axle | |
| 17 | 1001156710 | 1 | Pin | |

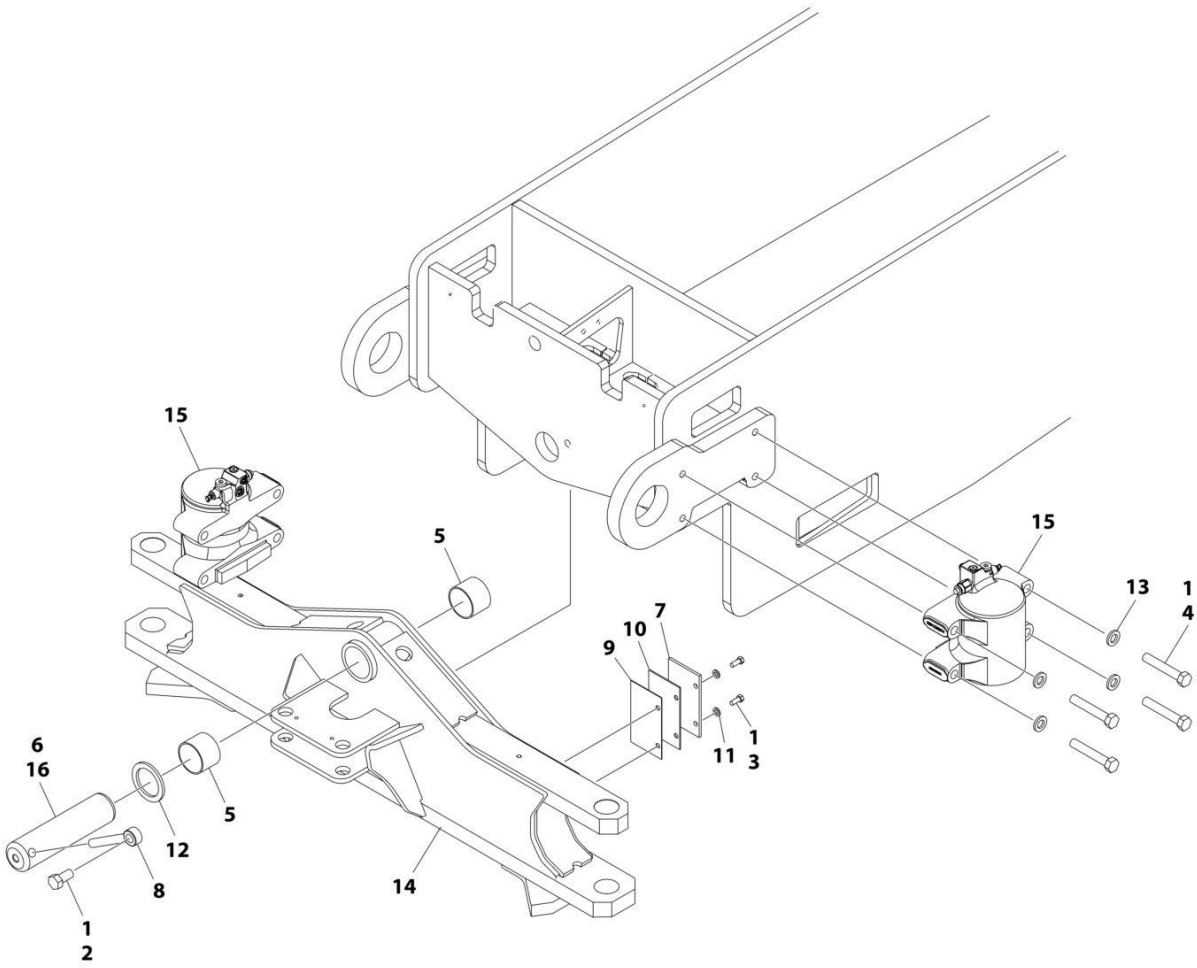
## FIGURE 1-2. AXLE INSTALLATION - OSCILLATING (WITHOUT TOW PACKAGE) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 1-2. AXLE INSTALLATION - OSCILLATING (WITHOUT TOW PACKAGE) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001154584 | Ref | AXLE INSTALLATION | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0642212 | 1 | Bolt 3/4 x 1-1/2 | |
| 3 | 0681608 | 4 | Bolt 3/8 x 1 Grade 8 | |
| 4 | 0682236 | 8 | Bolt 3/4 x 4-1/2 Grade 8 | |
| 5 | 0962102 | 2 | Bushing | |
| 6 | 3020039 | AR | Lubricant | |
| 7 | 3538047 | 2 | Shim .25 | |
| 8 | 3841287 | 1 | Keeper, Pin | |
| 9 | 4070878 | AR | Shim 16 Gauge | |
| 10 | 4070879 | AR | Shim 11 Gauge | |
| 11 | 4711600 | 4 | Washer 3/8 | |
| 12 | 4740472 | 1 | Washer | |
| 13 | 4892200 | 8 | Washer 3/4 | |
| 14 | 1001152719 | 1 | Axle | |
| 15 | 1001204560 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |
| 16 | 1001156710 | 1 | Pin | |

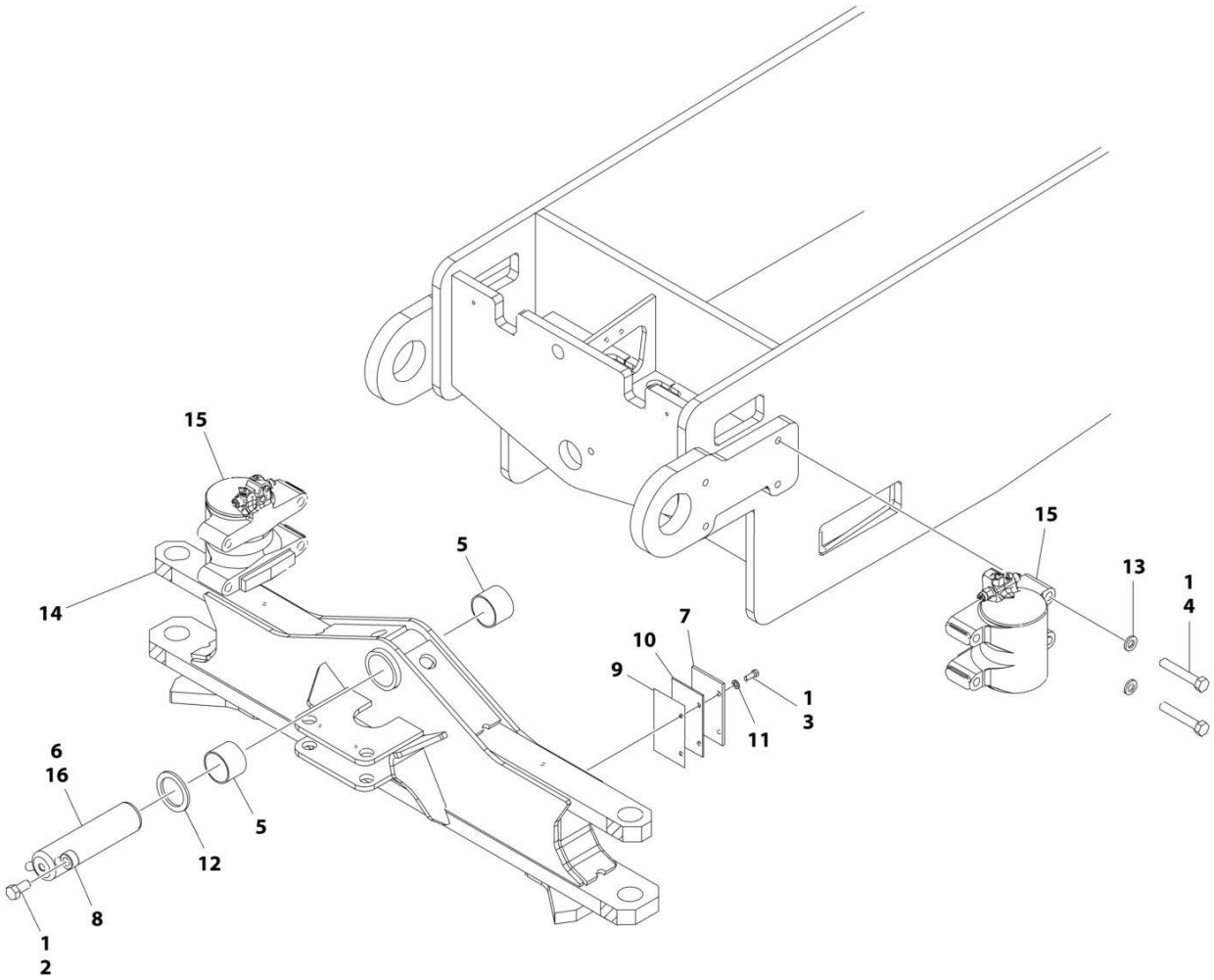
## FIGURE 1-3. AXLE INSTALLATION - OSCILLATING (WITHOUT TOW PACKAGE) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 1-3. AXLE INSTALLATION - OSCILLATING (WITHOUT TOW PACKAGE) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001231147 | Ref | OSCILLATING AXLE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0642212 | 1 | Bolt 3/4 x 1-1/2 | |
| 3 | 0681608 | 4 | Bolt 3/8 x1 Grade 8 | |
| 4 | 0682236 | 8 | Bolt 3/4 x 4-1/2 Grade 8 | |
| 5 | 0962102 | 2 | Bushing | |
| 6 | 3020039 | AR | Lubricant | |
| 7 | 3538047 | 2 | Shim, Axle Wear | |
| 8 | 3841287 | 1 | Shaft, Keeper 3/8 x 6 | |
| 9 | 4070878 | 2 | Shim, Axle Wear | |
| 10 | 4070879 | 2 | Shim, Axle Wear | |
| 11 | 4711600 | 4 | Washer 3/8 | |
| 12 | 4740472 | 1 | Washer, Special | |
| 13 | 4892200 | 8 | Flatwasher 3/4in Hardened | |
| 14 | 1001152719 | 1 | Axle | |
| 15 | 1001230374 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |
| 16 | 1001156710 | 1 | Pin | |

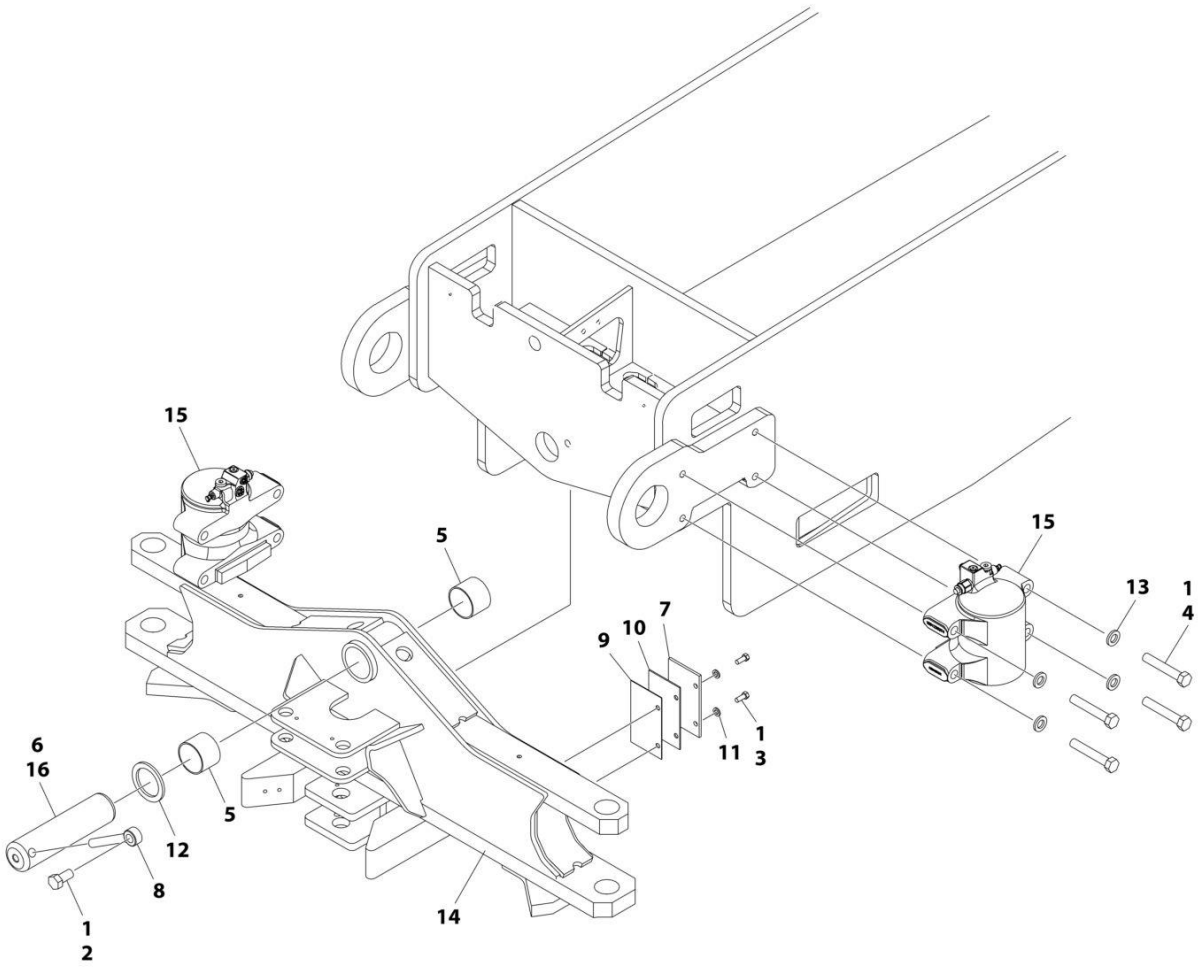
## FIGURE 1-4. AXLE INSTALLATION - OSCILLATING (WITH TOW PACKAGE) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 1-4. AXLE INSTALLATION - OSCILLATING (WITH TOW PACKAGE) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001155194 | Ref | AXLE INSTALLATION | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0642212 | 1 | Bolt 3/4 x 1-1/2 | |
| 3 | 0681608 | 4 | Bolt 3/8 x 1 Grade 8 | |
| 4 | 0682236 | 8 | Bolt 3/4 x 4-1/2 Grade 8 | |
| 5 | 0962102 | 2 | Bushing | |
| 6 | 3020039 | AR | Lubricant | |
| 7 | 3538047 | 2 | Shim .25 | |
| 8 | 3841287 | 1 | Keeper, Pin | |
| 9 | 4070878 | AR | Shim 16 Gauge | |
| 10 | 4070879 | AR | Shim 11 Gauge | |
| 11 | 4711600 | 4 | Washer 3/8 | |
| 12 | 4740472 | 1 | Washer | |
| 13 | 4892200 | 8 | Washer 3/4 | |
| 14 | 1001154875 | 1 | Axle | |
| 15 | 1001204560 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |
| 16 | 1001156710 | 1 | Pin | |

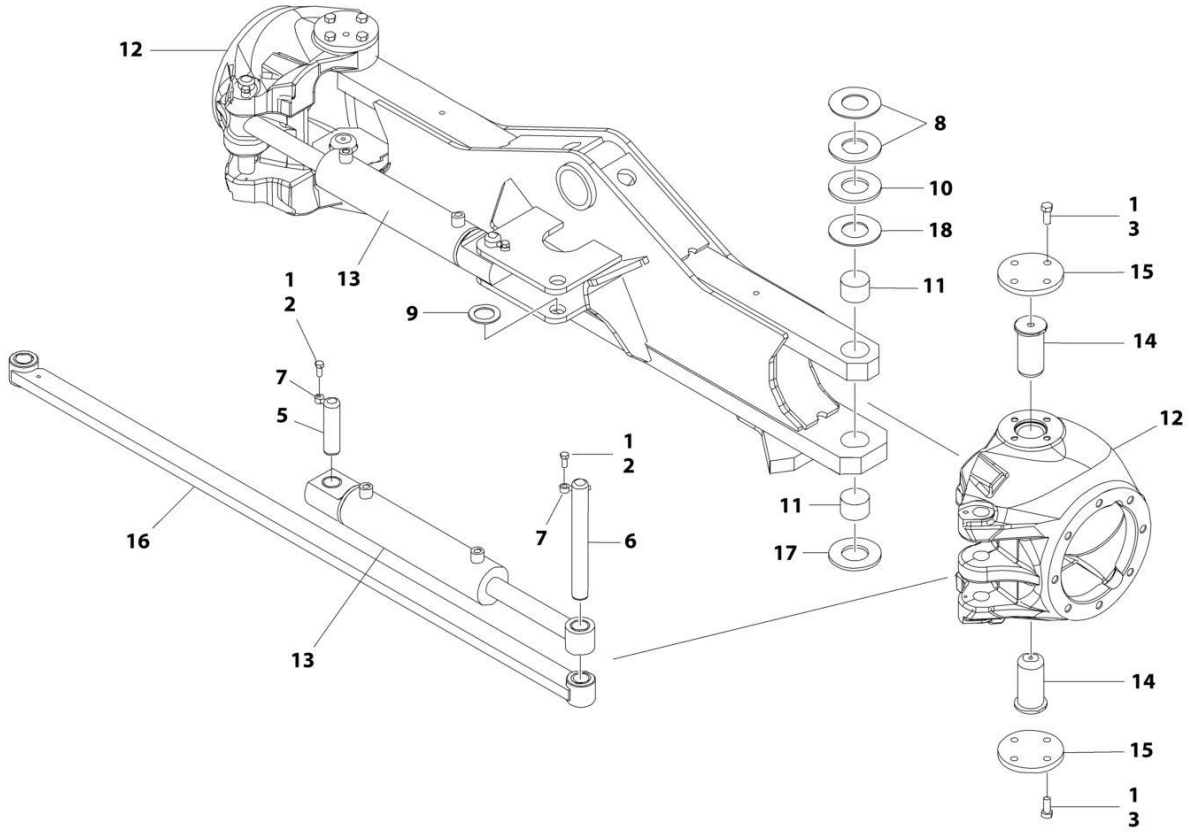
## FIGURE 1-5. AXLE INSTALLATION - OSCILLATING (WITH TOW PACKAGE) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 1-5. AXLE INSTALLATION - OSCILLATING (WITH TOW PACKAGE) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001232540 | Ref | OSCILLATING AXLE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0642212 | 1 | Bolt 3/4 x 1-1/2 | |
| 3 | 0681608 | 4 | Bolt 3/8 x1 Grade 8 | |
| 4 | 0682236 | 8 | Bolt 3/4 x 4-1/2 Grade 8 | |
| 5 | 0962102 | 2 | Bushing | |
| 6 | 3020039 | AR | Lubricant | |
| 7 | 3538047 | 2 | Shim, Axle Wear | |
| 8 | 3841287 | 1 | Shaft, Keeper 3/8 x 6 | |
| 9 | 4070878 | 2 | Shim, Axle Wear | |
| 10 | 4070879 | 2 | Shim, Axle Wear | |
| 11 | 4711600 | 4 | Washer 3/8 | |
| 12 | 4740472 | 1 | Washer, Special | |
| 13 | 4892200 | 8 | Washer 3/4 Hardened | |
| 14 | 1001154875 | 1 | Axle | |
| 15 | 1001230374 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |
| 16 | 1001156710 | 1 | Pin | |

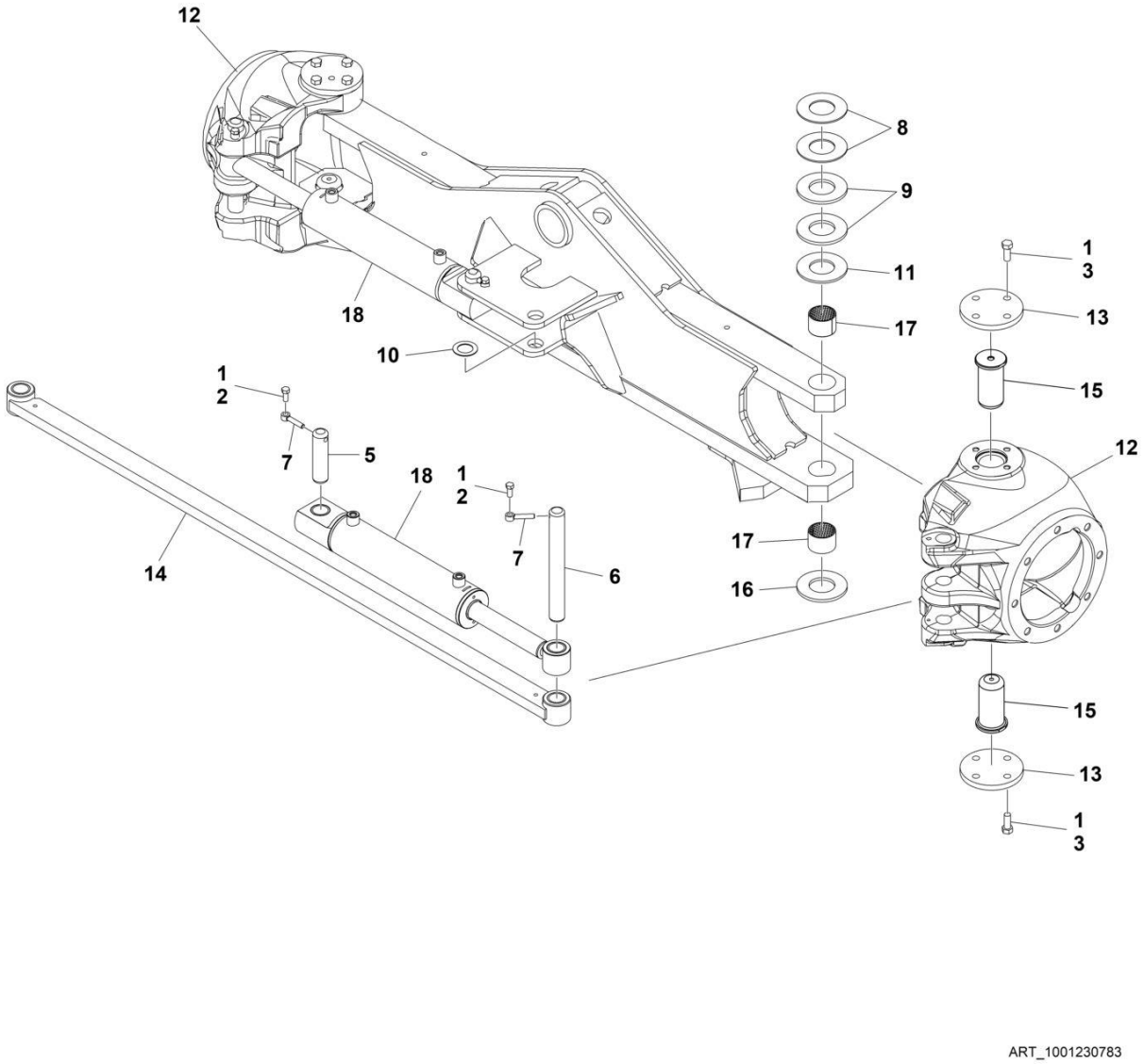
## FIGURE 1-6. STEERING INSTALLATION - WITHOUT TOW PACKAGE (MACHINES WITH SN STARTING WITH 03)



## FIGURE 1-6. STEERING INSTALLATION - WITHOUT TOW PACKAGE (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151034 | Ref | STEER INSTALLATION | H |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 3 | 0641810 | 16 | Bolt 1/2 x 1-1/4 | |
| 5 | 3422417 | 2 | Pin | |
| 6 | 3422790 | 2 | Pin | |
| 7 | 3841520 | 4 | Keeper, Pin | |
| 8 | 4740256 | AR | Washer, Thrust | |
| 9 | 4740473 | 2 | Washer | |
| 10 | 1001103810 | AR | Washer, Thrust | |
| 11 | 1001165657 | 4 | Bearing | |
| 12 | 1001150372 | 2 | Spindle | |
| 13 | 1001150539 | 2 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |
| 14 | 1001161355 | 4 | Kingpin | |
| 15 | 1001150937 | 4 | Plate | |
| 16 | 1001151980 | 1 | Tie-Rod | |
| 17 | 1001161399 | 2 | Washer, Thrust | |
| 18 | 4740463 | AR | Washer, Thrust | |

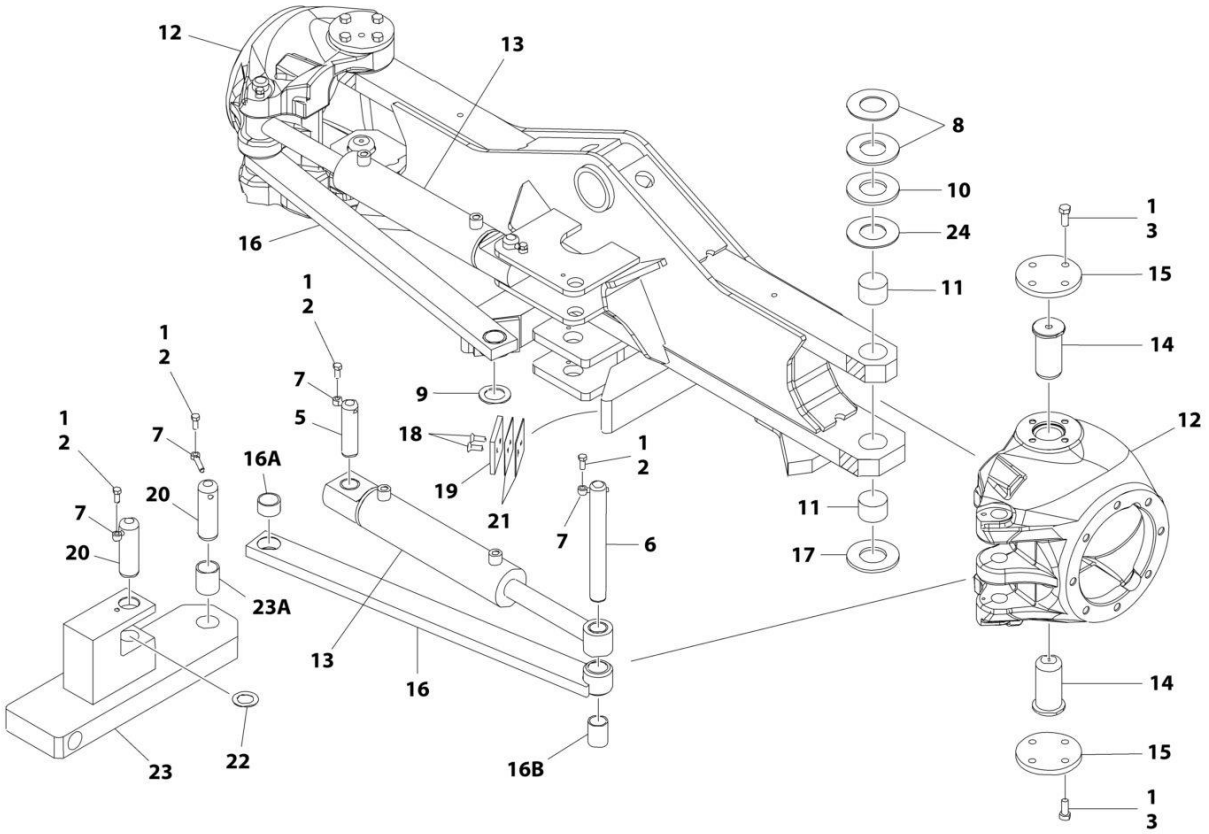
## FIGURE 1-7. STEERING INSTALLATION - WITHOUT TOW PACKAGE (MACHINES WITH SN STARTING WITH B3)



## FIGURE 1-7. STEERING INSTALLATION - WITHOUT TOW PACKAGE (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001230783 | Ref | STEER INSTALLATIONS | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 3 | 0641810 | 16 | Bolt 1/2 x 1-1/4 | |
| 4 | 3020029 | AR | Lubricant | |
| 5 | 3422417 | 2 | Pin | |
| 6 | 3422790 | 2 | Pin | |
| 7 | 3841520 | 4 | Keeper, Pin | |
| 8 | 4740256 | 4 | Thrustwasher | |
| 9 | 4740463 | 4 | Thrustwasher | |
| 10 | 4740473 | 2 | Washer, Special | |
| 11 | 1001103810 | 2 | Thrustwasher | |
| 12 | 1001150372 | 2 | Spindle | |
| 13 | 1001150937 | 4 | Plate | |
| 14 | 1001151980 | 1 | Tie-Rod | |
| 15 | 1001161355 | 4 | Kingpin | |
| 16 | 1001161399 | 2 | Thrustwasher | |
| 17 | 1001165657 | 4 | Bearing | |
| 18 | 1001230375 | 2 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |

## FIGURE 1-8. STEERING INSTALLATION - WITH TOW PACKAGE (MACHINES WITH SN STARTING WITH 03)

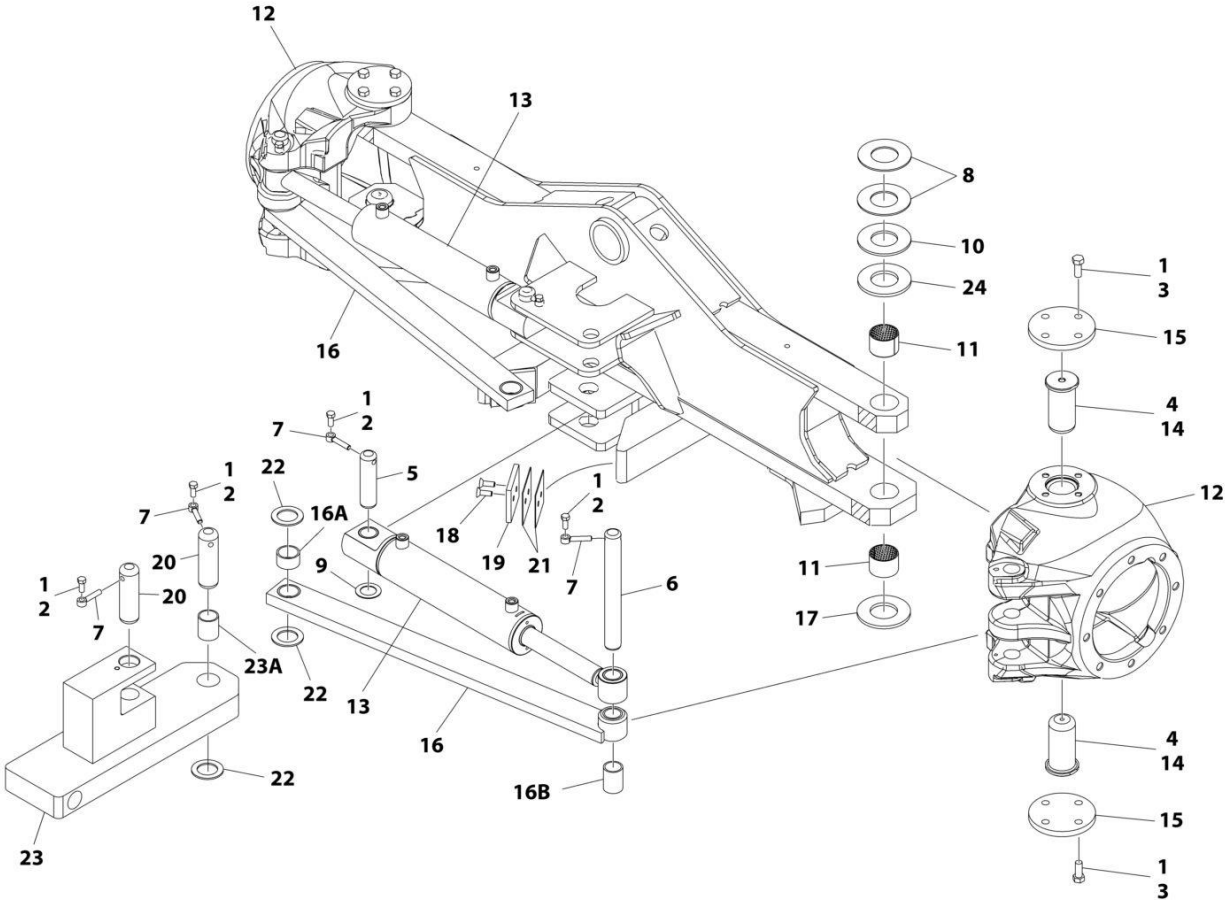



ART_1001155192

## FIGURE 1-8. STEERING INSTALLATION - WITH TOW PACKAGE (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001155192 | Ref | STEER INSTALLATION | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 6 | Bolt 3/8 x 7/8 | |
| 3 | 0641810 | 16 | Bolt 1/2 x 1-1/4 | |
| 5 | 3422417 | 2 | Pin | |
| 6 | 3422790 | 2 | Pin | |
| 7 | 3841520 | 6 | Keeper, Pin | |
| 8 | 4740256 | AR | Washer, Thrust | |
| 9 | 4740473 | 2 | Washer | |
| 10 | 1001103810 | AR | Washer, Thrust | |
| 11 | 1001165657 | 4 | Bearing | |
| 12 | 1001150372 | 2 | Spindle | |
| 13 | 1001150539 | 2 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |
| 14 | 1001161355 | 4 | Kingpin | |
| 15 | 1001150937 | 4 | Plate | |
| 16 | 1001154931 | 2 | Tie-Rod | |
| 16A | 0962181 | 1 | Bushing | |
| 16B | 0962152 | 1 | Bushing | |
| 17 | 1001161399 | 2 | Washer, Thrust | |
| 18 | 0741609 | 4 | Screw 3/8 x 1-1/8 | |
| 19 | 3340966 | 2 | Pad, Stop | |
| 20 | 3422848 | 2 | Pin, Hitch | |
| 21 | 4071059 | AR | Shim 16 Gauge | |
| 22 | 4740155 | 3 | Washer, Thrust | |
| 23 | 1001155035 | 1 | Link | |
| 23A | 0962348 | 1 | Bushing | |
| 24 | 4740463 | AR | Washer, Thrust | |

## FIGURE 1-9. STEERING INSTALLATION - WITH TOW PACKAGE (MACHINES WITH SN STARTING WITH B3)

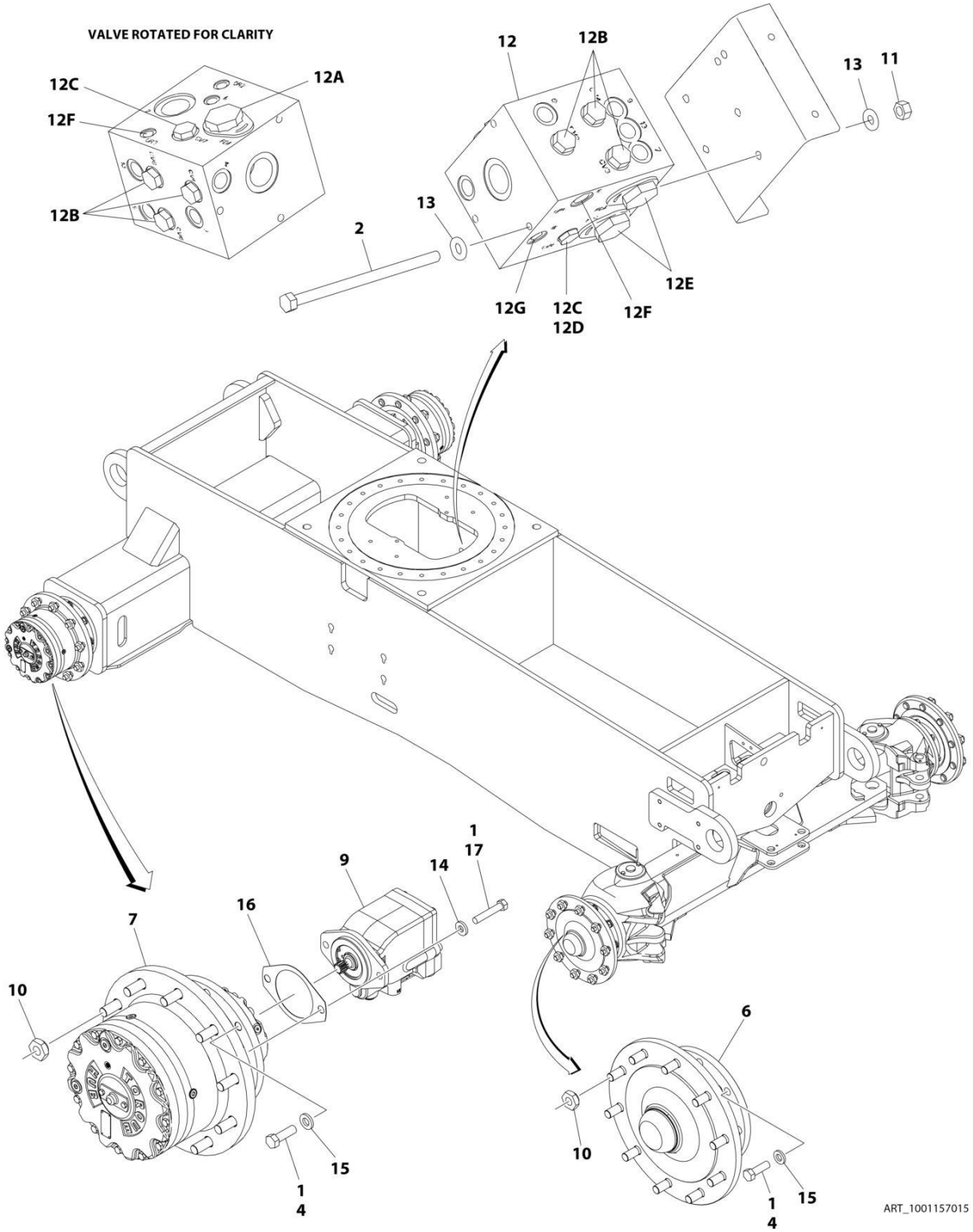



ART_1001232539

## FIGURE 1-9. STEERING INSTALLATION - WITH TOW PACKAGE (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001232539 | Ref | STEER INSTALLATION | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 6 | Bolt 3/8 x 7/8 | |
| 3 | 0641810 | 16 | Bolt 1/2 x 1-1/4 | |
| 4 | 3020029 | AR | Lubricant | |
| 5 | 3422417 | 2 | Pin | |
| 6 | 3422790 | 2 | Pin | |
| 7 | 3841520 | 6 | Keeper, Pin | |
| 8 | 4740256 | 4 | Thrustwasher | |
| 9 | 4740473 | 2 | Washer, Special | |
| 10 | 1001103810 | 2 | Thrustwasher | |
| 11 | 1001165657 | 4 | Bearing | |
| 12 | 1001150372 | 2 | Spindle | |
| 13 | 1001230375 | 2 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION) | |
| 14 | 1001161355 | 4 | Kingpin | |
| 15 | 1001150937 | 4 | Plate | |
| 16 | 1001154931 | 2 | Tie-Rod | |
| 16A | 0962181 | 1 | Bushing | |
| 16B | 0962152 | 1 | Bushing | |
| 17 | 1001161399 | 2 | Thrustwasher | |
| 18 | 0741609 | 4 | Screw 3/8 x 1-1/8 | |
| 19 | 3340966 | 2 | Pad, Stop | |
| 20 | 3422848 | 2 | Pin, Hitch | |
| 21 | 4071059 | 4 | Shim | |
| 22 | 4740155 | 3 | Thrustwasher | |
| 23 | 1001155035 | 1 | Link | |
| 23A | 0962348 | 1 | Bushing | |
| 24 | 4740463 | 4 | Thrustwasher | |

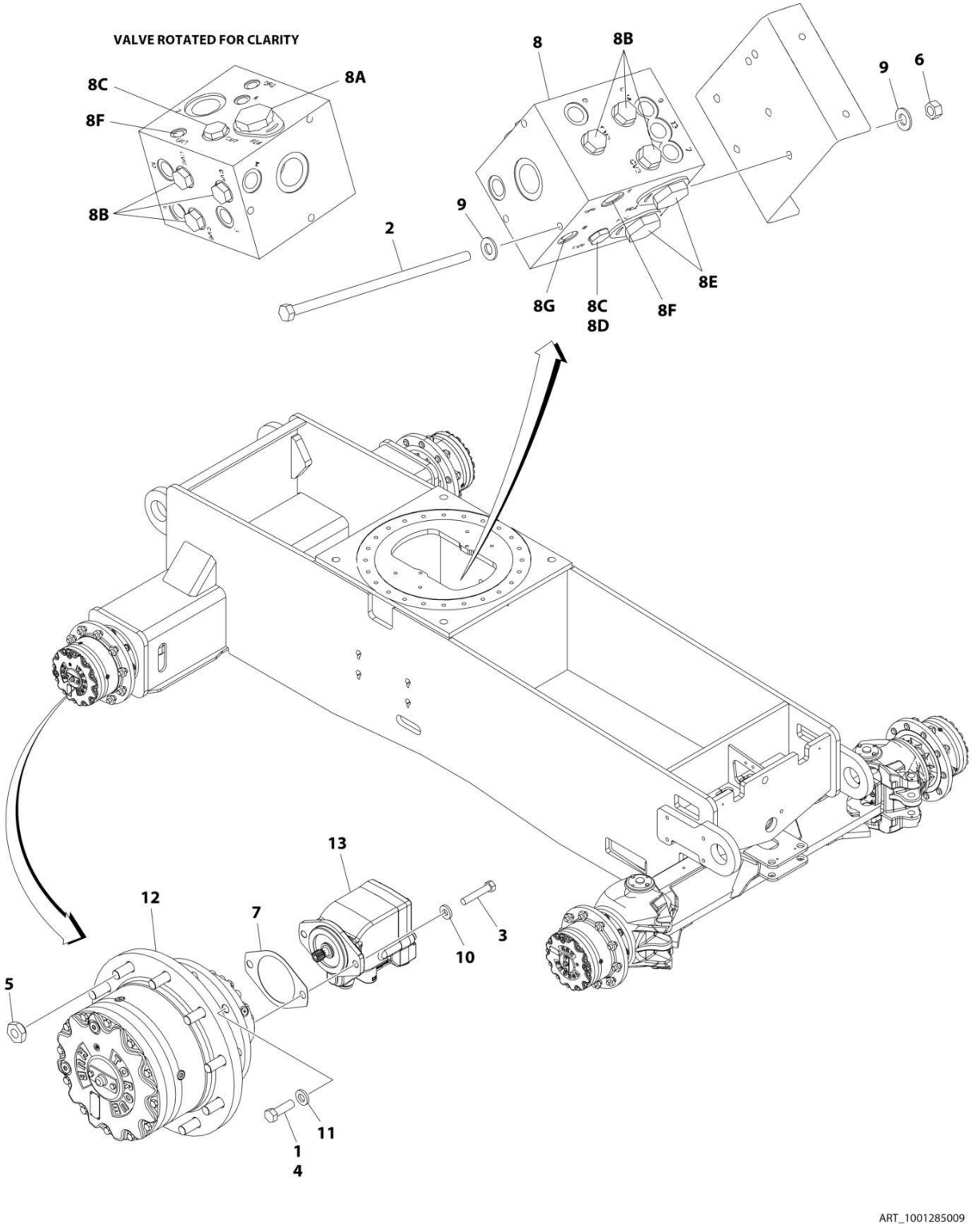
## FIGURE 1-10. WHEEL DRIVE AND FRAME VALVES INSTALLATION – 2WD



## FIGURE 1-10. WHEEL DRIVE AND FRAME VALVES INSTALLATION – 2WD

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001157015 | Ref | WHEEL DRIVE INSTALLATION - 2WD | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641542 | 2 | Bolt 5/16 x 5 1/4 | |
| 4 | 0682016 | 32 | Bolt 5/8 x 2 Grade 8 | |
| 6 | 2780229 | 2 | Hub Assembly (See Separate Breakdown in this Section) | |
| 7 | 1001219219 | 2 | Drive Hub Assembly (See Separate Breakdown in this Section) | |
| 9 | 3160347 | 2 | Drive Motor Assembly (See Separate Breakdown in this Section) | |
| 10 | 3300007 | 40 | Nut, Wheel | |
| 11 | 3311505 | 2 | Nut 5/16 | |
| 12 | 1001099870 | 1 | Flow Divider Valve Assembly | C |
| 12A | 7023933 | 1 | Cartridge, Flow Divider | |
| 12A | 7021625 | 1 | Seal Kit - 7023933 Cartridge | |
| 12A | 70000781 | 1 | Lockdown Kit | |
| 12B | 7022397 | 1 | Cartridge, Check | |
| 12B | 7022399 | 1 | Seal Kit - 7022397 Cartridge | |
| 12C | 70002390 | 1 | Cartridge, Check | |
| 12C | 7022399 | 1 | Seal Kit - 70002390 Cartridge | |
| 12D | 7024881 | 1 | Piston, Pilot | |
| 12E | 7017406 | 1 | Plug | |
| 12F | 7024844 | 1 | Plug | |
| 12F | 7017492 | 1 | Orifice | |
| 13 | 4711500 | 4 | Washer 5/16 | |
| 14 | 4891800 | 4 | Washer, 1/2 | |
| 15 | 4892000 | 32 | Washer 5/8 | |
| 16 | 3960526 | 2 | Gasket | |
| 17 | 0681822 | 4 | Bolt 1/2 x 2-3/4 Grade 8 | |

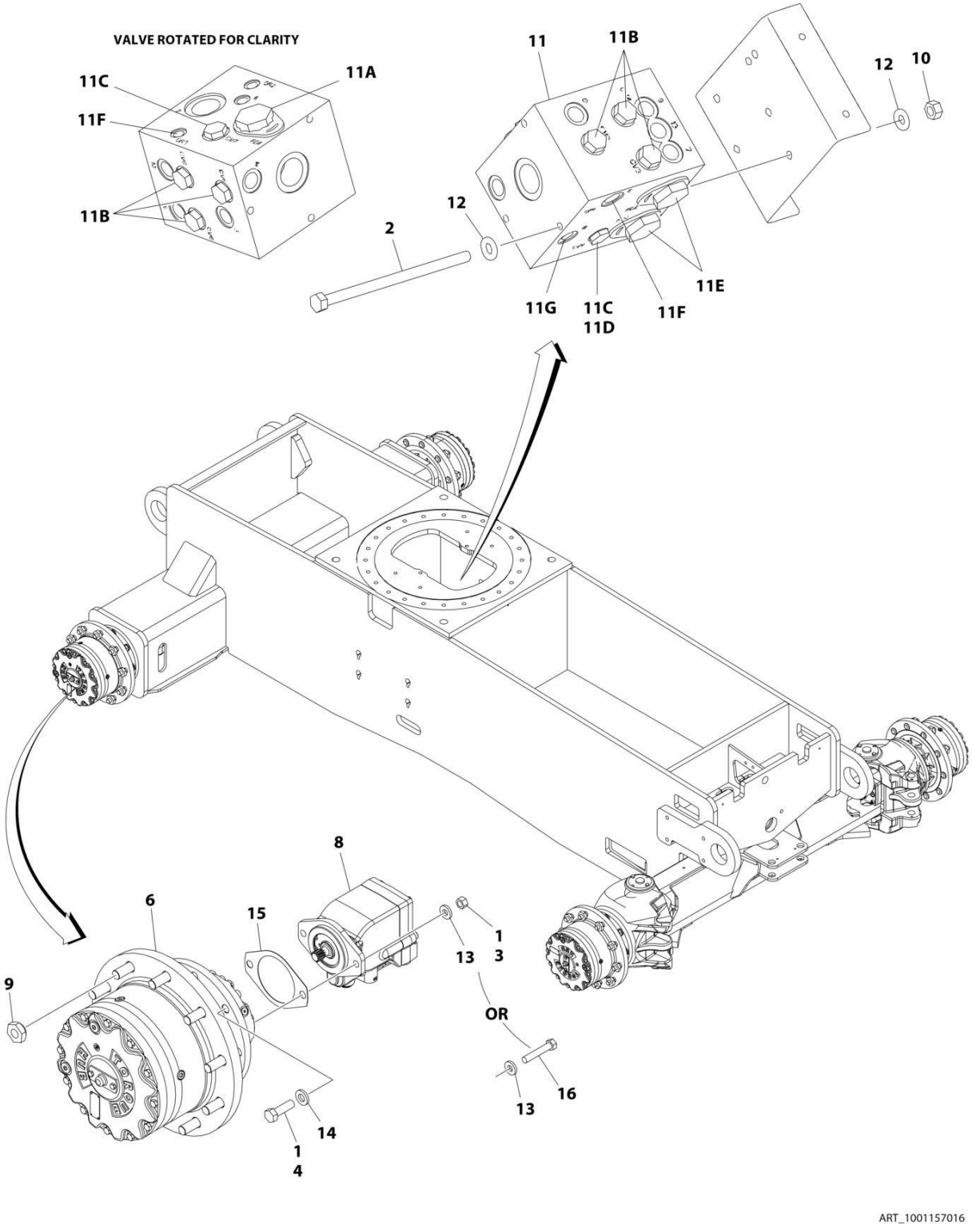
## FIGURE 1-11. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD (SN STARTING WITH 03)



## FIGURE 1-11. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD (SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285009 | Ref | WHEEL DRIVE AND FRAME VALVES INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641560 | 3 | Bolt 5/16 x 7-1/2 | |
| 3 | 0681822 | 8 | Bolt 1/2 x 2-3/4 | |
| 4 | 0682016 | 32 | Bolt 5/8 x 2 Grade 8 | |
| 5 | 3300007 | 40 | Nut, Wheel | |
| 6 | 3311505 | 3 | Nut 5/16 | |
| 7 | 3960526 | 4 | Gasket | |
| 8 | 4641303 | 1 | Flow Divider Valve Assembly | |
| 8A | 7023933 | 1 | Cartridge, Flow Divider | |
| 8A | 7021625 | 1 | Seal Kit - 7023933 Cartridge | |
| 8B | 7022397 | 6 | Cartridge, Check | |
| 8B | 7022399 | 6 | Seal Kit - 7022397 Cartridge | |
| 8C | 7021639 | 2 | Cartridge, Check Valves | |
| 8C | 2900756 | 2 | Seal Kit - 7021639 Cartridge | |
| 8D | 7024881 | 1 | Piston, Pilot | |
| 8E | 7023917 | 2 | Cartridge, Flow Divider | |
| 8E | 7021625 | 2 | Seal Kit - 7023917 Cartridge | |
| 8F | 70003935 | 2 | Orifice | |
| 8G | 70003936 | 1 | Orifice | |
| 9 | 4711500 | 6 | Washer 5/16 | |
| 10 | 4891800 | 8 | Washer 1/2 | |
| 11 | 4892000 | 32 | Washer 5/8 | |
| 12 | 1001219219 | 4 | Drive Hub Assembly (See Separate Breakdown in this Section) | |
| 13 | 1001278022 | 4 | Drive Motor Assembly (See Separate Breakdown in this Section) | |

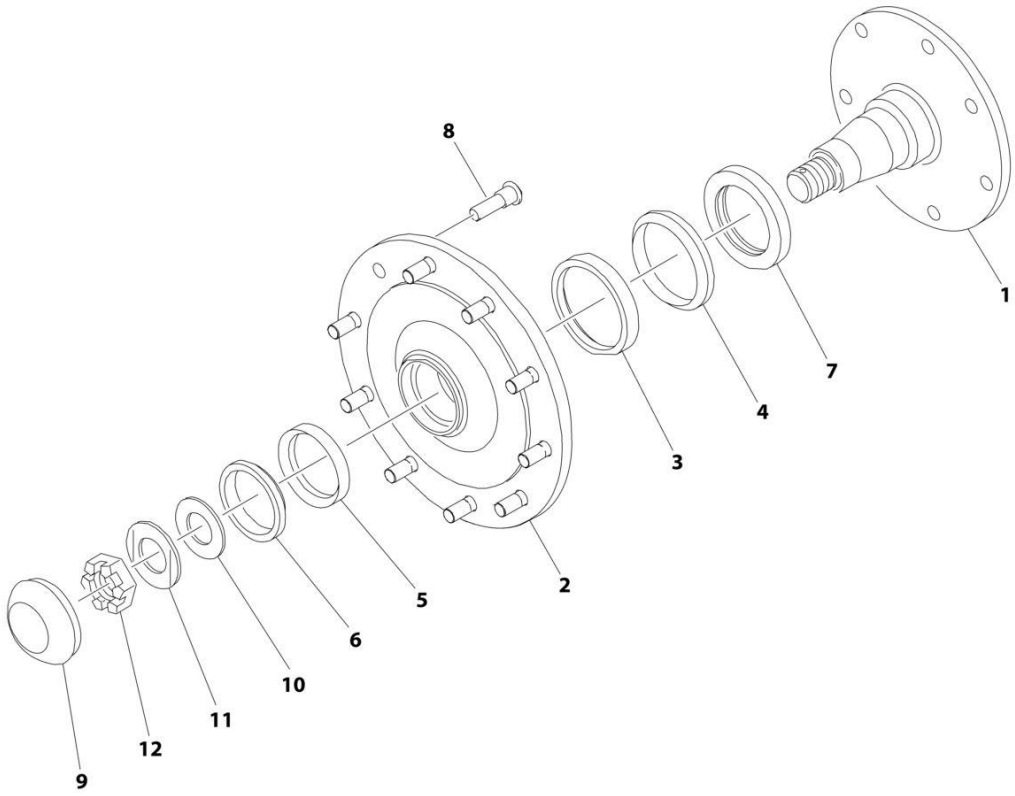
## FIGURE 1-12. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD (SN STARTING WITH B3)



## FIGURE 1-12. WHEEL DRIVE AND FRAME VALVES INSTALLATION - 4WD (SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001157016 | Ref | WHEEL DRIVE AND FRAME VALVES INSTALLATION | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641560 | 3 | Bolt 5/16 x 7-1/2 | |
| 3 | 3311801 | 8 | Nut 1/2 | |
| 4 | 0682016 | 32 | Bolt 5/8 x 2 Grade 8 | |
| 5 | 2300016 | AR | Fluid, Hydraulic (Not Shown) | |
| 6 | 1001219219 | 4 | Drive Hub Assembly (See Separate Breakdown in this Section) | |
| 8 | 3160348 | 4 | Drive Motor Assembly (See Separate Breakdown in this Section) | |
| 9 | 3300007 | 40 | Nut, Wheel | |
| 10 | 3311505 | 3 | Nut 5/16 | |
| 11 | 4641303 | 1 | Flow Divider Valve Assembly | C |
| 11A | 7023933 | 1 | Cartridge, Flow Divider | |
| 11A | 7021625 | 1 | Seal Kit - 7023933 Cartridge | |
| 11B | 7022397 | 6 | Cartridge, Check | |
| 11B | 7022399 | 6 | Seal Kit - 7022397 Cartridge | |
| 11C | 7021639 | 2 | Cartridge, Check Valves | |
| 11C | 2900756 | 2 | Seal Kit - 7021639 Cartridge | |
| 11D | 7024881 | 1 | Piston, Pilot | |
| 11E | 7023917 | 2 | Cartridge, Flow Divider | |
| 11E | 7021625 | 2 | Seal Kit - 7023917 Cartridge | |
| 11F | 70003935 | 2 | Orifice | |
| 11G | 70003936 | 1 | Orifice | |
| 12 | 4711500 | 6 | Washer 5/16 | |
| 13 | 4891800 | 8 | Washer 1/2 | |
| 14 | 4892000 | 32 | Washer 5/8 | |
| 15 | 3960526 | 2 | Gasket | |
| 16 | 0681822 | 4 | Bolt 1/2 x 2-3/4 | |

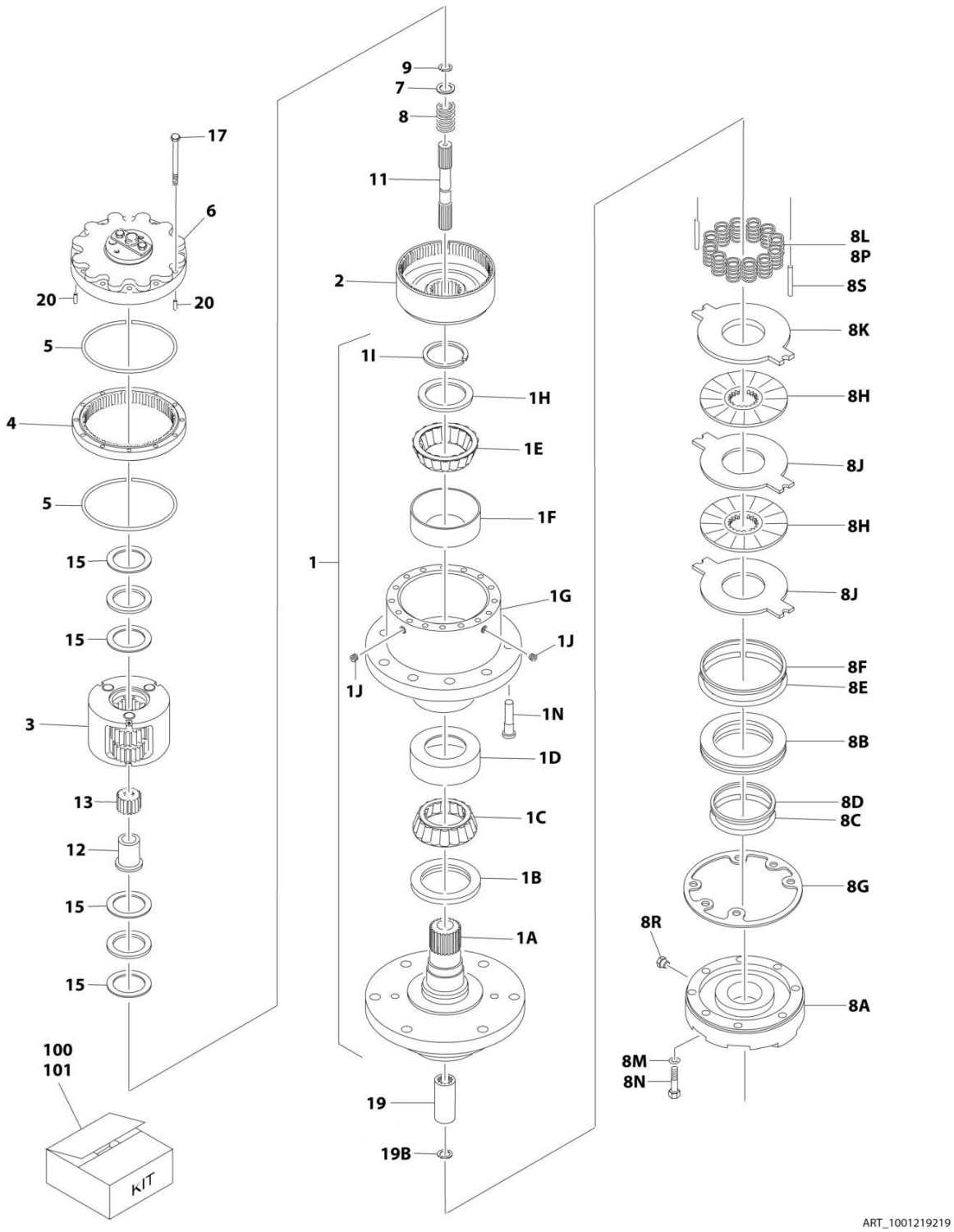
## FIGURE 1-13. HUB ASSEMBLY - NON-DRIVE



## FIGURE 1-13. HUB ASSEMBLY - NON-DRIVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2780229 | Ref | HUB ASSEMBLY | A |
| 1 | 7017052 | 1 | Spindle (1 per Assembly) | |
| 2 | 7017053 | 1 | Housing (1 per Assembly) | |
| 3 | 7010404 | 1 | Cup, Bearing - Inner (1 per Assembly) | |
| 4 | 7010405 | 1 | Cone, Bearing - Inner (1 per Assembly) | |
| 5 | 7017056 | 1 | Cup, Bearing - Outer (1 per Assembly) | |
| 6 | 7017055 | 1 | Cone, Bearing - Outer (1 per Assembly) | |
| 7 | 7010406 | 1 | Seal, Lip (1 per Assembly) | |
| 8 | 7000265 | 10 | Stud (10 per Assembly) | |
| 9 | 7017054 | 1 | Dust Cap (1 per Assembly) | |
| 10 | 7017051 | 1 | Washer, Special (1 per Assembly) | |
| 11 | 7017057 | 1 | Washer, Tanged (1 per Assembly) | |
| 12 | 7017058 | 1 | Nut, Bearing (1 per Assembly) | |

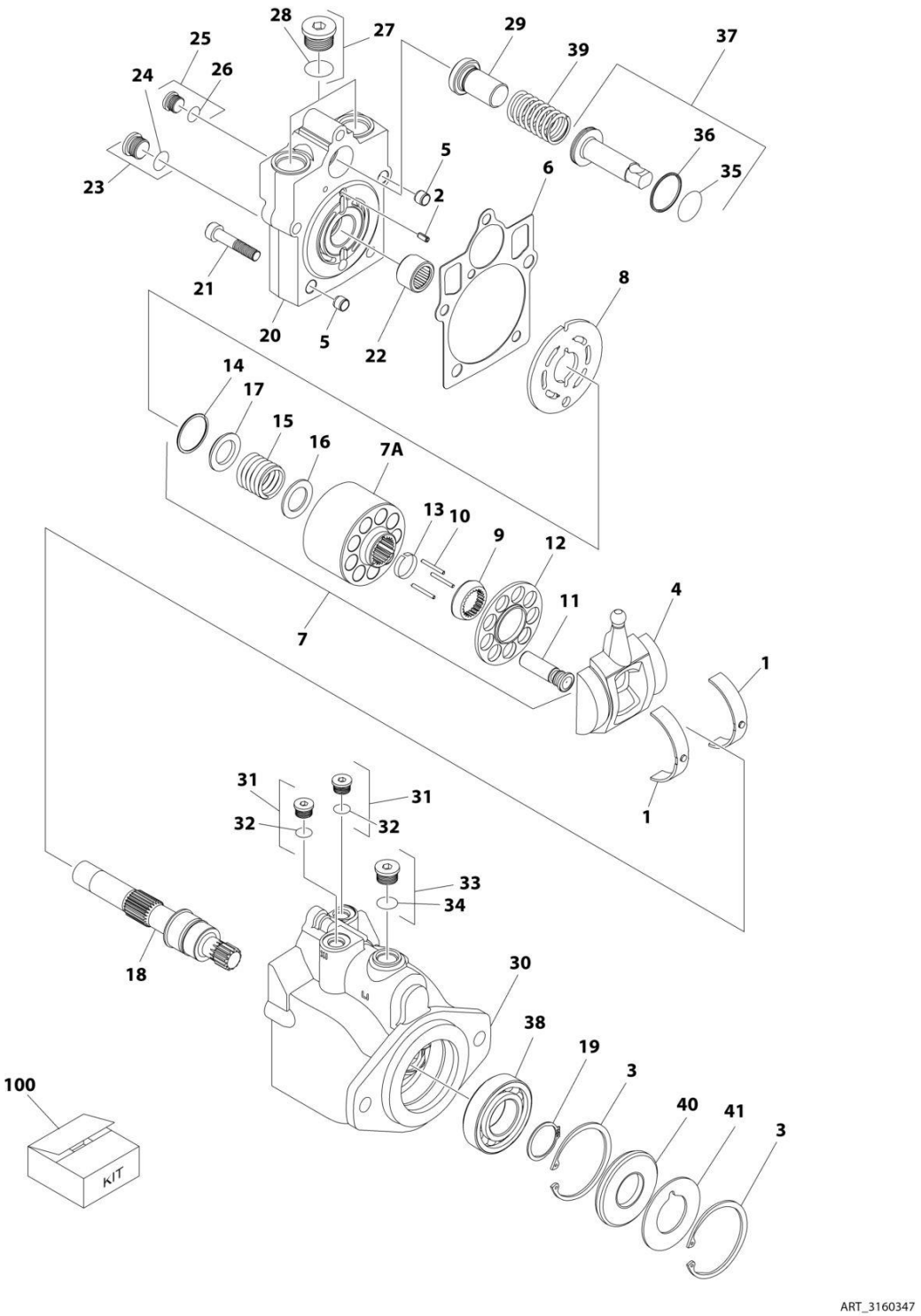
## FIGURE 1-14. DRIVE HUB/BRAKE ASSEMBLY



## FIGURE 1-14. DRIVE HUB/BRAKE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219219 | Ref | DRIVE HUB/BRAKE ASSEMBLY | C |
| 1 | See Note | NSS | Spindle/Housing Assembly (Note: Not Available - Purchase Individual Components) | |
| 1A | 70006677 | 1 | Spindle | |
| 1B | 70006678 | 1 | Seal | |
| 1C | 1001091460 | 1 | Cone, Bearing | |
| 1D | 1001091460 | 1 | Cup, Bearing | |
| 1E | 1001091461 | 1 | Cone, Bearing | |
| 1F | 1001091461 | 1 | Cup, Bearing | |
| 1G | See Note | NSS | Housing (Note: Not Available - Not Available for Purchase) | |
| 1H | 7000239 | 1 | Thrustwasher | |
| 1I | 7000240 | 1 | Ring, Retaining | |
| 1J | 7001928 | 1 | Plug, Pipe | |
| 1N | See Note | NSS | Stud, Wheel (Note: Not Available - Not Available for Purchase) | |
| 2 | 7024782 | 1 | Gear, Ring | |
| 3 | 70006673 | 1 | Carrier Assembly | |
| 4 | 7024151 | 1 | Gear, Internal | |
| 5 | 7000224 | 2 | O-Ring | |
| 6 | 70006674 | NSS | Cover Assembly (Note: Not Available - Not Available for Purchase) | |
| 7 | 70006691 | 1 | Thrustwasher | |
| 8 | 7000283 | 1 | Spring | |
| 8A | 7024191 | 1 | Housing, Piston | |
| 8B | 70006684 | 1 | Piston | |
| 8C | See Note | NSS | O-Ring (Note: Use Item 101) | |
| 8D | See Note | NSS | Ring, Back-up (Note: Use Item 101) | |
| 8E | See Note | NSS | O-Ring (Note: Use Item 101) | |
| 8F | See Note | NSS | Ring, Back-up (Note: Use Item 101) | |
| 8G | See Note | NSS | Gasket (Note: Use Items 100 & 101) | |
| 8H | See Note | NSS | Brake, Stator (Note: Use Item 100) | |
| 8J | See Note | NSS | Brake, Rotor (Note: Use Item 100) | |
| 8K | See Note | NSS | Plate, Pressure (Note: Use Item 100) | |
| 8L | 80344004 | 10 | Spring | |
| 8M | 70006685 | 6 | Capscrew | |
| 8N | 70006690 | 6 | Lockwasher | |
| 8P | 70006680 | 2 | Spring | |
| 8R | 7017082 | 2 | Plug | |
| 8S | 7024190 | 2 | Pin, Dowel | |
| 9 | 7000284 | 1 | Ring, Retaining | |
| 11 | 70006675 | 1 | Shaft, Input | |
| 12 | 7024154 | 1 | Spacer, Input | |
| 13 | 7024149 | 1 | Gear, Sun | |
| 15 | 70006692 | 2 | Thrustwasher | |
| 17 | 7000289 | 12 | Bolt 3/8 x 2-1/2in (Grade 8) | |
| 19 | 70006676 | 1 | Coupling | |
| 19B | 7017028 | 1 | Ring, Retaining | |
| 20 | 7017047 | 2 | Pin, Dowel | |
| 100 | 70006832 | 1 | Friction Disc Kit (Includes Items 8G, 8H, 8J & 8K) | |
| 101 | 70006833 | 1 | Seal Kit (Includes Items - 8C-8G) | |

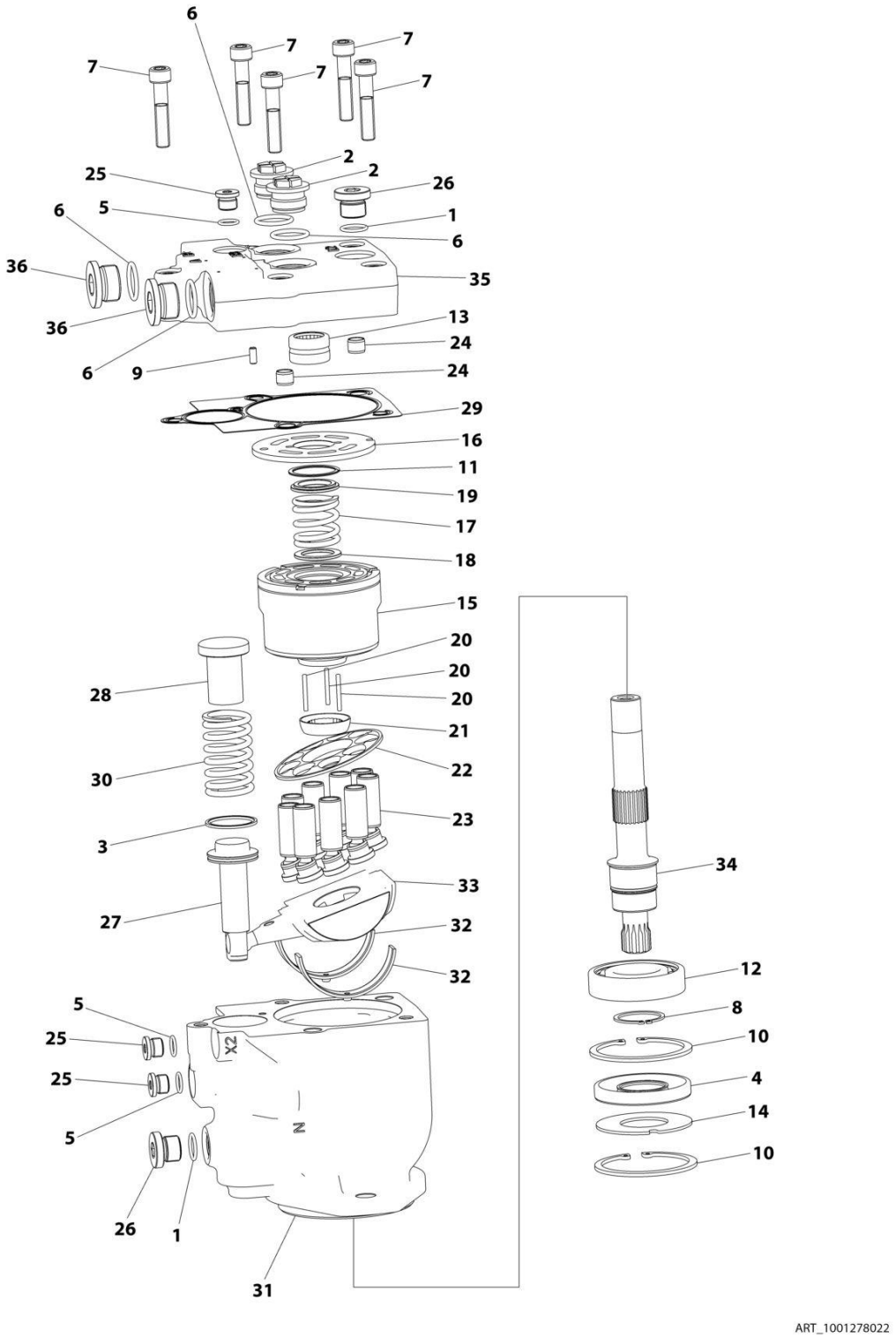
## FIGURE 1-15. DRIVE MOTOR ASSEMBLY - 2WD



## FIGURE 1-15. DRIVE MOTOR ASSEMBLY - 2WD

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 3160347 | Ref | DRIVE MOTOR ASSEMBLY | B |
| 1 | 7022302 | 2 | Bearing, Journal | |
| 2 | 7007446 | 1 | Pin | |
| 3 | 7007438 | 2 | Ring, Retaining | |
| 4 | 7022305 | 1 | Swash Plate | |
| 5 | See Note | 2 | Pin (Note: Not Available for Purchase) | |
| 6 | See Note | NSS | Gasket (Note: Use Item 100) | |
| 7 | 7027740 | 1 | Cylinder Block Kit (Includes Items 7A & 9-17) | |
| 7A | See Note | NSS | Block, Cylinder (Note: Use Item 7) | |
| 8 | 7024862 | 1 | Plate, Valve | |
| 9 | 7021277 | 1 | Guide, Slipper Retainer | |
| 10 | 7021275 | 3 | Pin, Slipper Hold Down | |
| 11 | See Note | NSS | Piston Assembly (Note: Use Item 7) | |
| 12 | See Note | NSS | Retainer, Slipper (Note: Use Item 7) | |
| 13 | See Note | NSS | Retainer, Hold Down Pin (Note: Use Item 7) | |
| 14 | 7022311 | 1 | Ring, Retaining | |
| 15 | 7024867 | 1 | Spring | |
| 16 | 7022313 | 1 | Washer | |
| 17 | 7022314 | 1 | Retainer, Spring | |
| 18 | 7023910 | 1 | Shaft | |
| 19 | 7007439 | 1 | Ring, Retaining | |
| 20 | 70000795 | 1 | Cap, End - Axial | |
| 21 | 7022368 | 5 | Screw | |
| 22 | 7021249 | 1 | Bearing, Needle | |
| 23 | 2220886 | 1 | Plug (Includes Item 24) | |
| 24 | See Note | 1 | O-Ring (Note: Use Item 23 or 100) | |
| 25 | 2220883 | 1 | Plug (Includes Item 26) | |
| 26 | See Note | NSS | O-Ring (Note: Use Item 25 or 100) | |
| 27 | 2220888 | 2 | Plug (Includes Item 28) | |
| 28 | See Note | NSS | O-Ring (Note: Use Item 27 or 100) | |
| 29 | 7027741 | 1 | Seat, Spring | |
| 30 | See Note | NSS | Housing (Note: Not Available - Purchase Complete Assembly) | |
| 31 | 2220883 | 2 | Plug (Includes Item 32) | |
| 32 | See Note | NSS | O-Ring (Note: Use Item 31 or 100) | |
| 33 | 2220886 | 1 | Plug (Includes Item 34) | |
| 34 | See Note | NSS | O-Ring (Note: Use Item 33 or 100) | |
| 35 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 36 | See Note | NSS | Ring, Seal (Note: Use Item 100) | |
| 37 | 7024871 | 1 | Piston, Servo (Includes Items 35 & 36) | |
| 38 | 7007437 | 1 | Bearing | |
| 39 | 7022326 | 1 | Spring | |
| 40 | See Note | NSS | Seal, Lip (Note: Use Item 100) | |
| 41 | 7022371 | 1 | Washer, Support | |
| | | Ref | KIT OPTIONS: | |
| 100 | 7022328 | 1 | Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40) | |

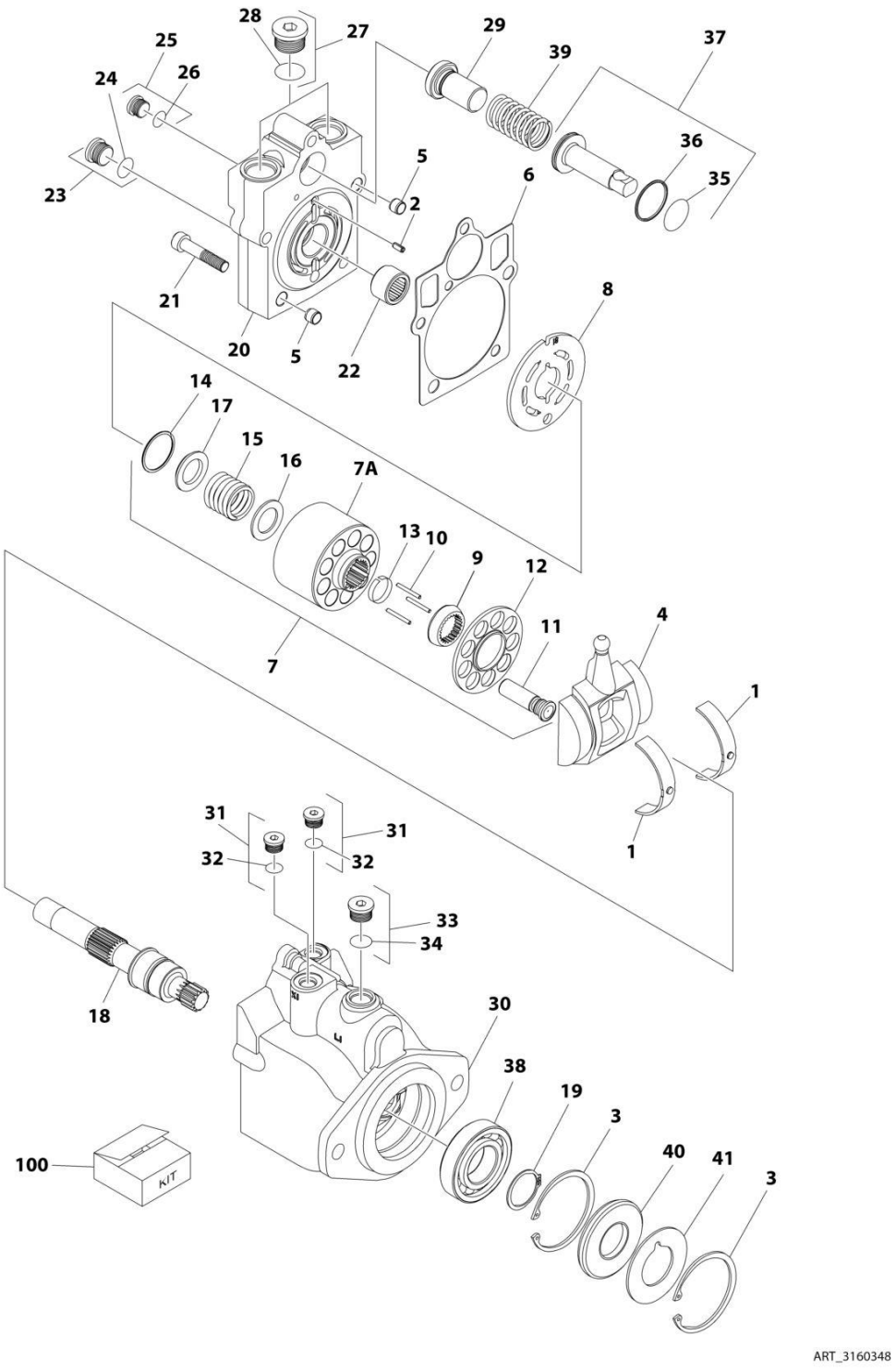
## FIGURE 1-16. DRIVE MOTOR ASSEMBLY - 4WD (SN STARTING WITH 03)



## FIGURE 1-16. DRIVE MOTOR ASSEMBLY - 4WD (SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001278022 | Ref | DRIVE MOTOR ASSEMBLY | B |
| 1 | 70007847 | 2 | O-Ring | |
| 2 | 70007848 | 2 | Plug | |
| 3 | 70007849 | 1 | Ring, Sealing | |
| 4 | 70007850 | 1 | Bearing | |
| 5 | 70007851 | 3 | O-Ring | |
| 6 | 70007852 | 4 | O-Ring | |
| 7 | 70007853 | 5 | Capscrew M10 x 50 | |
| 8 | 70007854 | 1 | Circlip | |
| 9 | 70007855 | 1 | Pin | |
| 10 | | Ref | Circlip | |
| 11 | 70007856 | 1 | Ring, Retaining | |
| 12 | 70007857 | 1 | Bearing | |
| 13 | 70007858 | 1 | Bearing | |
| 14 | 70007859 | 1 | Gasket | |
| 15 | 70007860 | 1 | Cylinder | |
| 16 | 70007861 | 1 | Plate, Valve | |
| 17 | 70007862 | 1 | Spring | |
| 18 | 70007863 | 1 | Gasket | |
| 19 | 70007864 | 1 | Gasket | |
| 20 | 70007865 | 3 | Pin | |
| 21 | 70007866 | 1 | Bushing | |
| 22 | 70007867 | 1 | Retainer | |
| 23 | 70007868 | 9 | Piston | |
| 24 | 70007869 | 2 | Pin | |
| 25 | 70007870 | 3 | Plug | |
| 26 | 70007871 | 2 | Plug | |
| 27 | 70007872 | 1 | Piston | |
| 28 | 70007873 | 1 | Seat, Spring | |
| 29 | 70007874 | 1 | Gasket | |
| 30 | 70007875 | 1 | Spring | |
| 31 | See Note | NSS | Housing (Note: Purchase Complete Assembly) | |
| 32 | 70007876 | 2 | Bushing | |
| 33 | 70007877 | 1 | Plate, Swash | |
| 34 | 70007878 | 1 | Shaft | |
| 35 | See Note | NSS | Cover (Note: Purchase Complete Assembly) | |
| 36 | See Note | Ref | Plug (Note: Shipping Use Only) | |

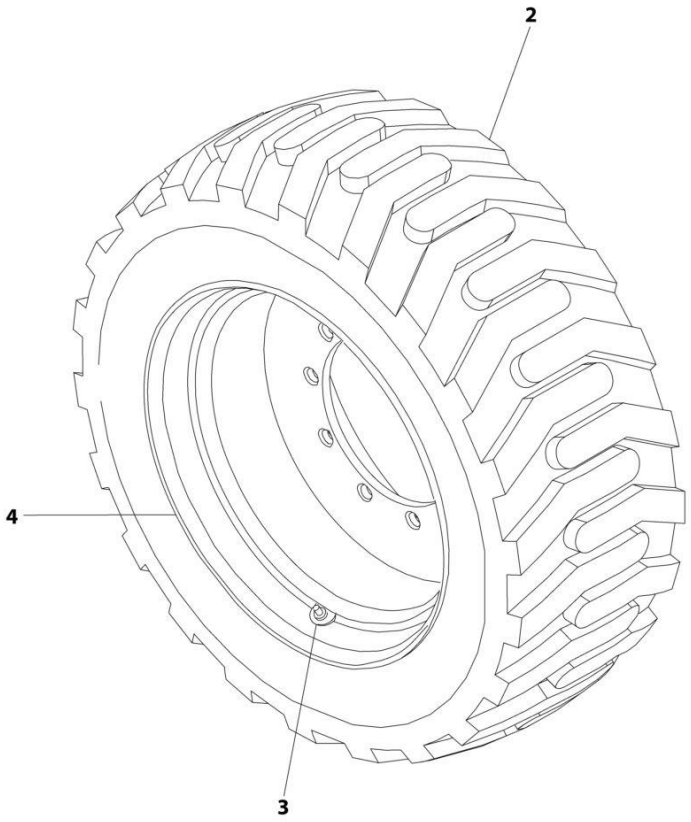
## FIGURE 1-17. DRIVE MOTOR ASSEMBLY - 4WD (SN STARTING WITH B3)



## FIGURE 1-17. DRIVE MOTOR ASSEMBLY - 4WD (SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 3160348 | Ref | DRIVE MOTOR ASSEMBLY | D |
| 1 | 7022302 | 2 | Bearing, Journal | |
| 2 | 7007446 | 1 | Pin | |
| 3 | 7007438 | 2 | Ring, Retaining | |
| 4 | 7022305 | 1 | Swash Plate | |
| 5 | See Note | 2 | Pin (Note: Not Available for Purchase) | |
| 6 | See Note | NSS | Gasket (Note: Use Item 100) | |
| 7 | 7023907 | 1 | Cylinder Block Kit (Includes Items 7A & 9-17) | |
| 7A | See Note | NSS | Block, Cylinder (Note: Use Item 7) | |
| 8 | 7023908 | 1 | Plate, Valve | |
| 9 | 7021277 | 1 | Guide, Slipper Retainer | |
| 10 | 7021275 | 3 | Pin, Slipper Hold Down | |
| 11 | See Note | NSS | Piston Assembly (Note: Use Item 7) | |
| 12 | 7022310 | 1 | Retainer, Slipper | |
| 13 | 7021276 | 1 | Retainer, Hold Down Pin | |
| 14 | 7022311 | 1 | Ring, Retaining | |
| 15 | 7022312 | 1 | Spring | |
| 16 | 7024868 | 1 | Washer | |
| 17 | 7022314 | 1 | Retainer, Spring | |
| 18 | 7023910 | 1 | Shaft | |
| 19 | 7007439 | 1 | Ring, Retaining | |
| 20 | 70000797 | 1 | Cap, End - Axial | |
| 21 | 7022368 | 5 | Screw | |
| 22 | 7021249 | 1 | Bearing, Needle | |
| 23 | 2220886 | 1 | Plug (Includes Item 24) | |
| 24 | See Note | 1 | O-Ring (Note: Use Item 23 or 100) | |
| 25 | 2220883 | 1 | Plug (Includes Item 26) | |
| 26 | See Note | NSS | O-Ring (Note: Use Item 25 or 100) | |
| 27 | 2220888 | 2 | Plug (Includes Item 28) | |
| 28 | See Note | NSS | O-Ring (Note: Use Item 27 or 100) | |
| 29 | 7022372 | 1 | Seat, Spring | |
| 30 | See Note | NSS | Housing (Note: Not Available - Purchase Complete Assembly) | |
| 31 | 2220883 | 2 | Plug (Includes Item 32) | |
| 32 | See Note | NSS | O-Ring (Note: Use Item 31 or 100) | |
| 33 | 2220886 | 1 | Plug (Includes Item 34) | |
| 34 | See Note | NSS | O-Ring (Note: Use Item 33 or 100) | |
| 35 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 36 | See Note | NSS | Ring, Seal (Note: Use Item 100) | |
| 37 | 7024854 | 1 | Piston, Servo (Includes Items 35 & 36) | |
| 38 | 7007437 | 1 | Bearing | |
| 39 | 7022326 | 1 | Spring | |
| 40 | See Note | 1 | Seal, Lip (Note: Use Item 100) | |
| 41 | 7022371 | 1 | Washer, Support | |
| | | Ref | KIT OPTIONS: | |
| 100 | 7022328 | 1 | Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40) | |

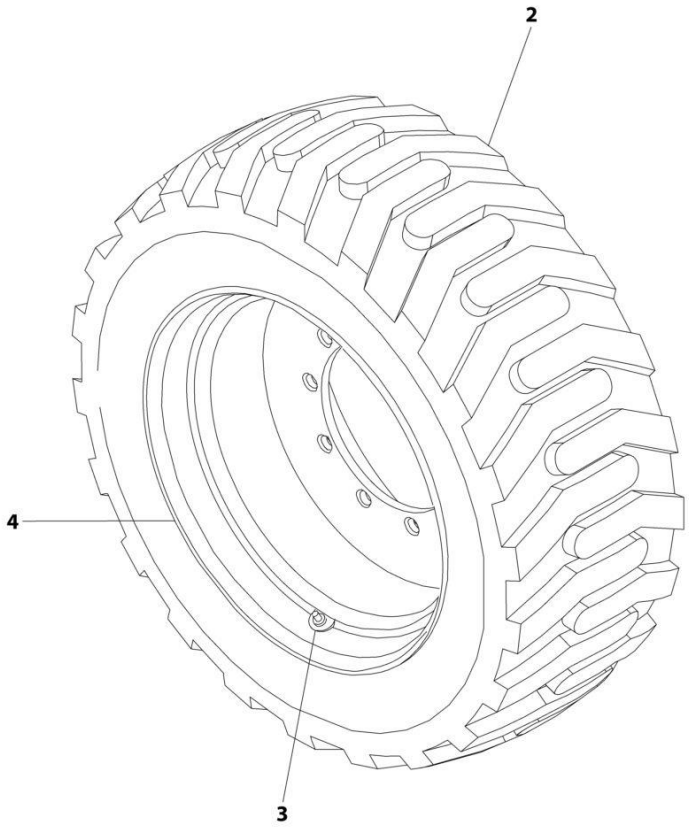
## FIGURE 1-18. TIRE & WHEEL INSTALLATION - 15-625 NHS FOAM-FILLED



## FIGURE 1-18. TIRE & WHEEL INSTALLATION - 15-625 NHS FOAM-FILLED

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270886 | Ref | TIRE AND WHEEL INSTALLATION | D |
| | 0271085 | 2 | Tire and Wheel Assembly - 15-625 NHS Foam-Filled LH Side | I |
| | 0271086 | 2 | Tire and Wheel Assembly - 15-625 NHS Foam-Filled RH Side | I |
| | | Ref | Note: Assemblies may require ballast/foam filling to manufacturer's sepcifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. | |
| | | Ref | Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly. | |
| 2 | 4520252 | 1 | Tire 15-625 | |
| 3 | 4641122 | 1 | Valve, Air | |
| 4 | 4860224 | 1 | Rim, Wheel - 13 x 24.5 Rim | |

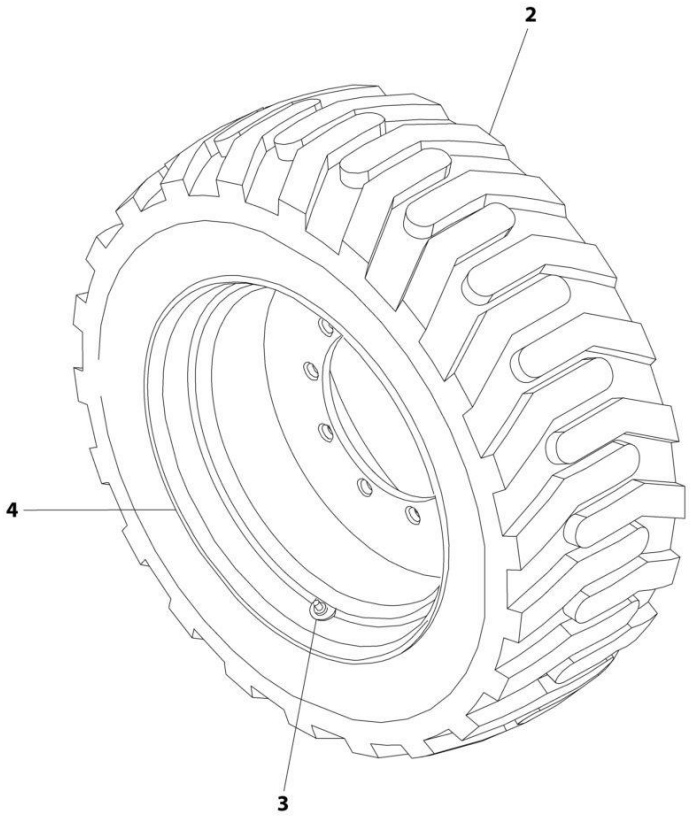
## FIGURE 1-19. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED TIRE



## FIGURE 1-19. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED TIRE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270888 | Ref | TIRE AND WHEEL INSTALLATION | C |
| | 0271090 | 2 | Tire and Wheel Assembly - 18-625 NHS Foam-Filled LH Side | G |
| | 0271091 | 2 | Tire and Wheel Assembly - 18-625 NHS Foam-Filled RH Side | G |
| | | Ref | Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. | |
| | | Ref | Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly. | |
| 2 | 4520253 | 1 | Tire 18-625 | |
| 3 | 4641122 | 1 | Valve, Air | |
| 4 | 4860225 | 1 | Rim, Wheel - 15 x 24.5 Rim | |

## FIGURE 1-20. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED NON-MARKING TIRE

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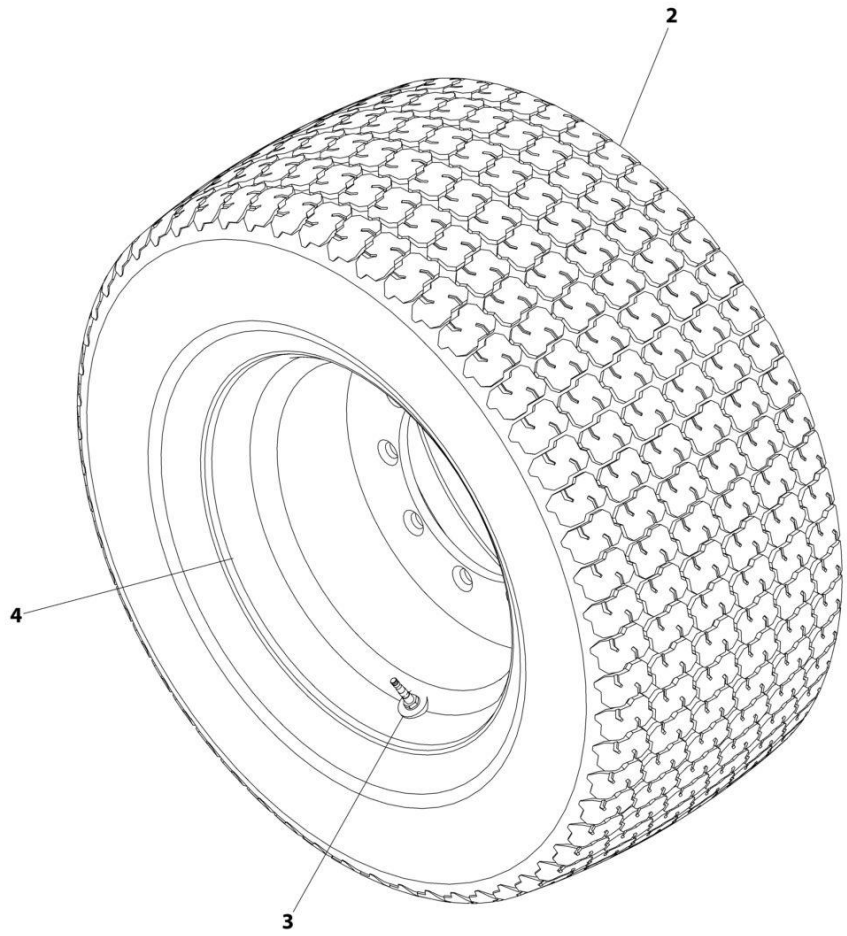
## FIGURE 1-20. TIRE AND WHEEL INSTALLATION 18-625 NHS FOAM-FILLED NON-MARKING TIRE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169757 | Ref | TIRE AND WHEEL INSTALLATION | A |
| | 1001169755 | 2 | Tire and Wheel Assembly - 18-625 NHS Foam-Filled Non-Marking LH Side | D |
| | 1001169756 | 2 | Tire and Wheel Assembly - 18-625 NHS Foam-Filled Non-Marking RH Side | D |
| | | Ref | Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. | |
| | | Ref | Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly. | |
| 2 | 1001169754 | 1 | Tire 18-625 Non-Marking | |
| 3 | 4641122 | 1 | Valve, Air | |
| 4 | 4860225 | 1 | Rim, Wheel - 15 x 24.5 Rim | |

## FIGURE 1-21. TIRE AND WHEEL INSTALLATION 18-22.5 NHS FOAM-FILLED NON-MARKING TIRE

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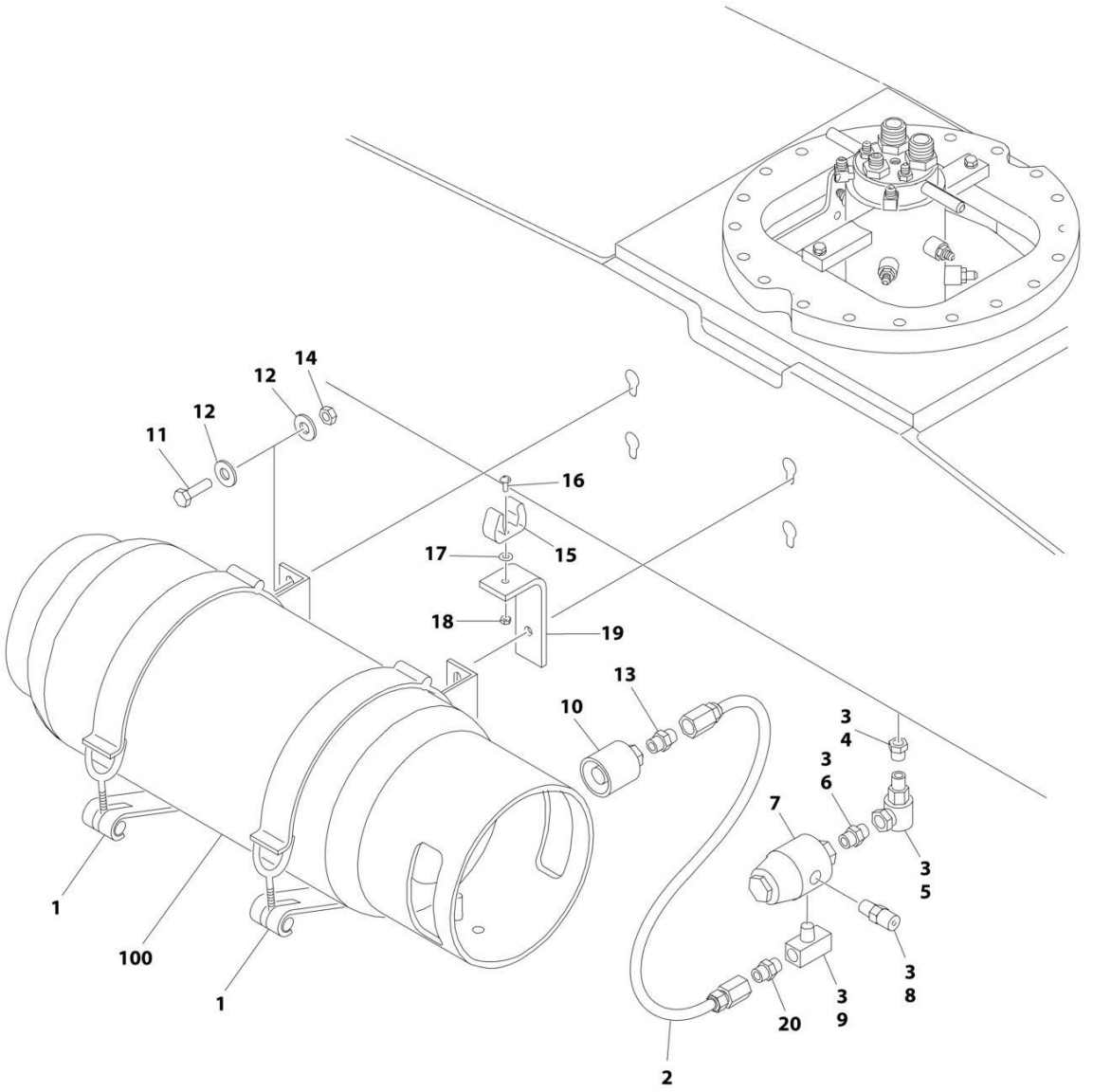
## FIGURE 1-21. TIRE AND WHEEL INSTALLATION 18-22.5 NHS FOAM-FILLED NON-MARKING TIRE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001268884 | Ref | TIRE AND WHEEL INSTALLATION | A |
| | 1001268883 | 4 | Tire and Wheel Assembly - 41 x 18LL x 22.5 NHS Foam-Filled Non-Marking | B |
| | | Ref | Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. | |
| | | Ref | Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly. | |
| 2 | 4520256 | 1 | Tire 41 x 18LL x 22.5 Non-Marking | |
| 3 | 4641122 | 1 | Valve, Air | |
| 4 | 1001209982 | 1 | Rim, Wheel - 22.5 x 14 Rim | |

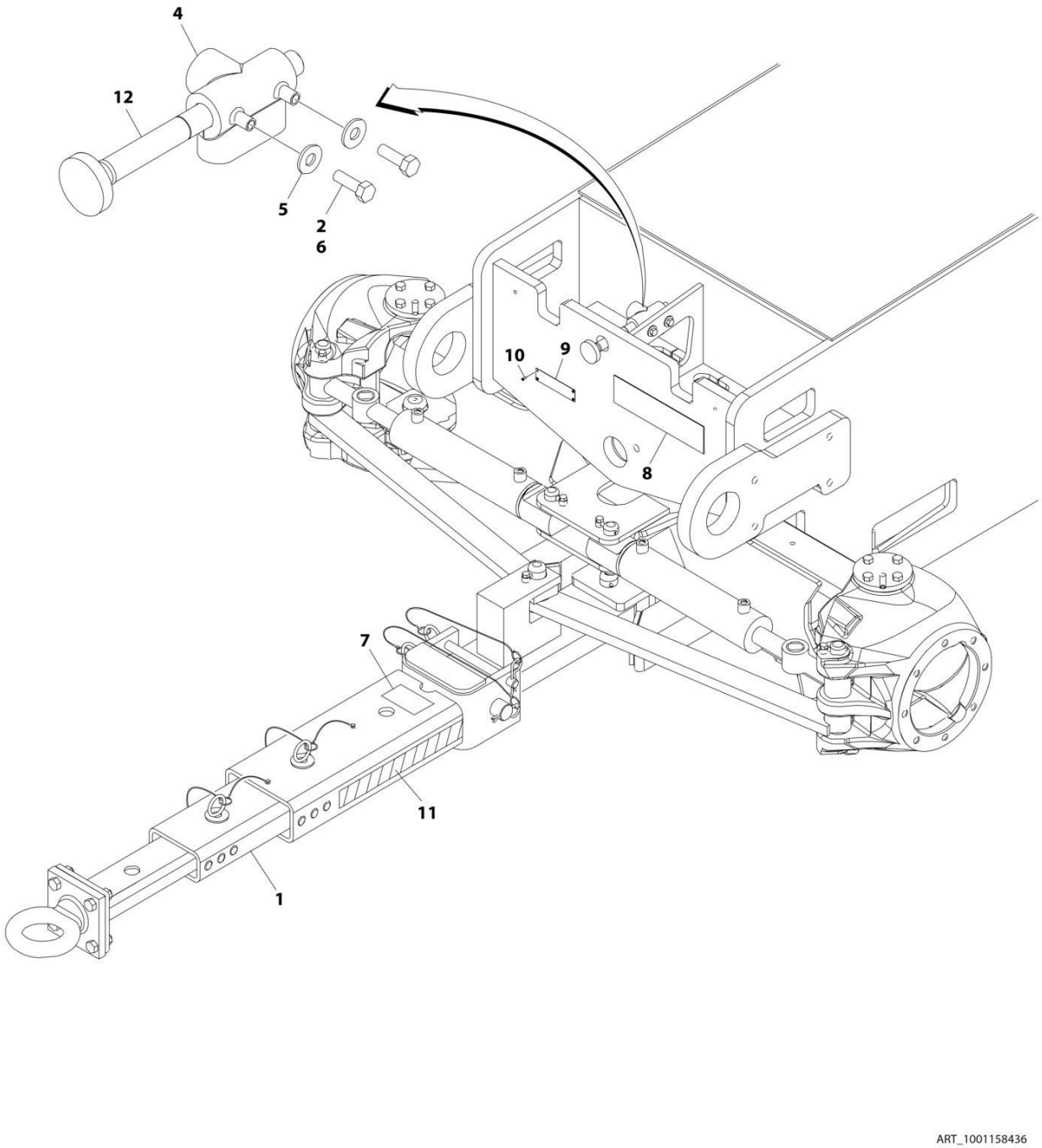
## FIGURE 1-22. LP TANK BRACKETS INSTALLATIONS



## FIGURE 1-22. LP TANK BRACKETS INSTALLATIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151010 | Ref | LP TANK BRACKETS INSTALLATION | E |
| 1 | 1320220 | 2 | Clamp | |
| 1 | 1320127 | 2 | Clamp, Toggle (1 Per Clamp) | |
| 2 | 2720144 | 2 | Hose | |
| 3 | 0100020 | AR | Sealant, Pipe | |
| 4 | 2221197 | 1 | Fitting, Reducer | |
| 5 | 1001247358 | 1 | Fitting, 90 Swivel | |
| 6 | 2220261 | 1 | Fitting, Nipple | |
| 7 | 2180388 | 1 | Fitting, Bulkhead | |
| 8 | 2180389 | 1 | Valve, Relief | |
| 9 | 2220418 | 1 | Fitting, Tee | |
| 10 | 2180387 | 2 | Fitting, Straight | |
| 11 | 0641617 | 8 | Bolt 3/8 x 2-1/8 | |
| 12 | 4751600 | 16 | Washer 3/8 | |
| 13 | 2180418 | 2 | Fitting, Connector | |
| 14 | 3311605 | 8 | Nut 3/8 | |
| 15 | 1320218 | 2 | Clamp, Spring | |
| 16 | 0720804 | 2 | Screw #8 x 1/2 | |
| 17 | 4750800 | 4 | Washer #8 | |
| 18 | 3310805 | 2 | Nut #8 | |
| 19 | 0181949 | 2 | Angle, Support | |
| 20 | 2221024 | 2 | Fitting, Union Ball Check | |
| 100 | 4400275 | 1 | Tank, LP - 43.5 Lbs. (Aluminum) | |

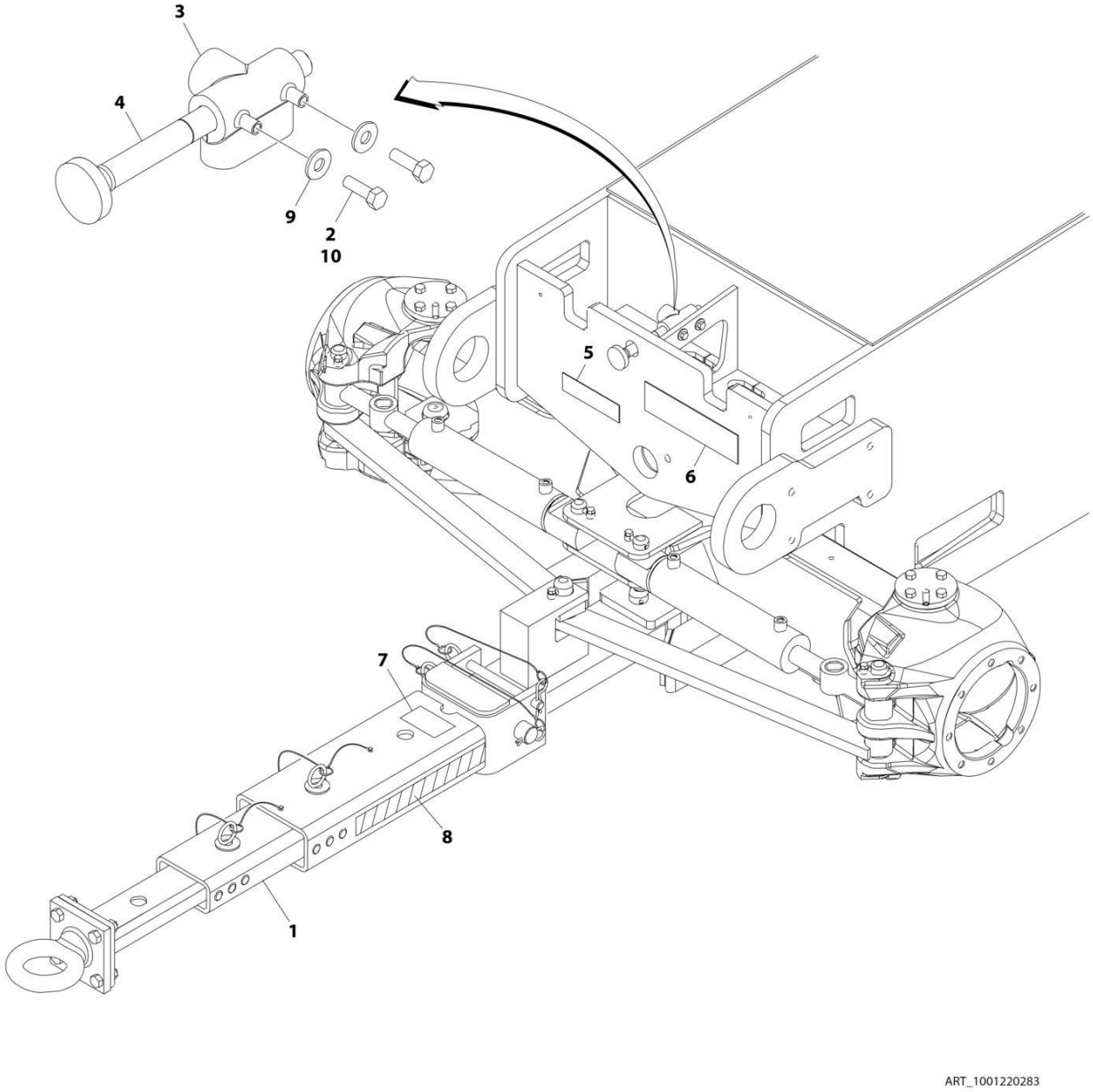
## FIGURE 1-23. TOW PACKAGE INSTALLATION (ENGLISH DECALS)



## FIGURE 1-23. TOW PACKAGE INSTALLATION (ENGLISH DECALS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158436 | Ref | TOW BAR INSTALLATION (ENGLISH DECALS) | B |
| | 0270528 | 1 | Tow Bar Assembly (See Separate Breakdown in this Section) | |
| 2 | 0641508 | 2 | Bolt 5/16 x 1 | |
| 4 | 4640261 | 1 | Valve, Select | |
| 5 | 4751500 | 4 | Washer 5/16 | |
| 6 | 0100011 | AR | Compound, Locking | |
| 7 | 1704578 | 2 | Decal - Crushing | |
| 8 | 1705090 | 1 | Decal - Towing Instructions | |
| 9 | 3250872 | 1 | Decal/Nameplate - Steer/Tow Select Valve | |
| 10 | 3820001 | 4 | Rivet | |
| 11 | 4420051 | AR | Tape, Safety | |
| 12 | 1001160780 | 1 | Extension, Rod | |

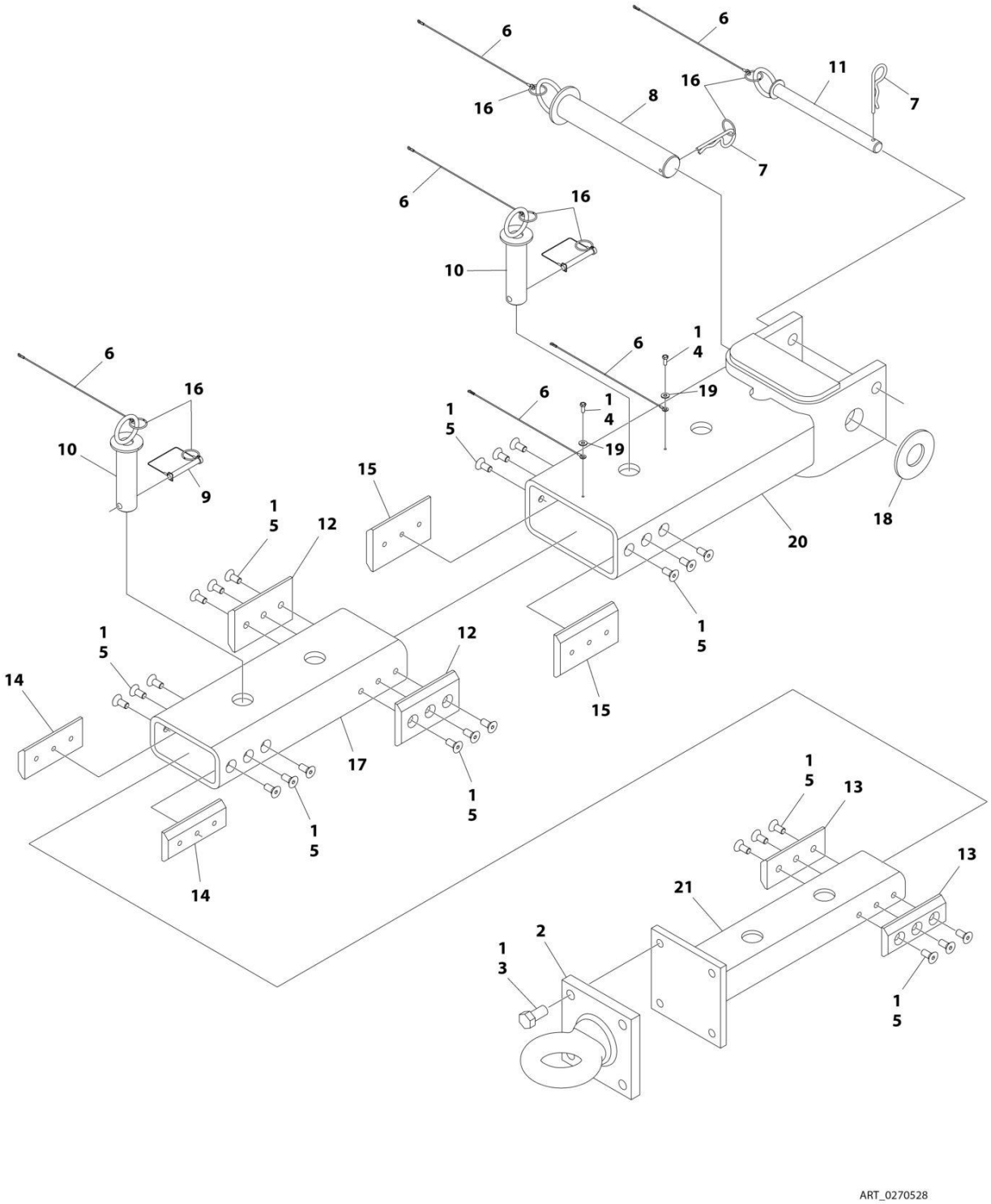
## FIGURE 1-24. TOW PACKAGE INSTALLATION (FRENCH/ENGLISH DECALS)



## FIGURE 1-24. TOW PACKAGE INSTALLATION (FRENCH/ENGLISH DECALS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220283 | Ref | TOW BAR INSTALLATION (FRENCH/ENGLISH DECALS) | A |
| | 0270528 | 1 | Tow Bar Assembly (See Separate Breakdown in this Section) | |
| 2 | 0641508 | 2 | Bolt 5/16 x 1 | |
| 3 | 4640261 | 1 | Valve, Select | |
| 4 | 1001160780 | 1 | Extension, Rod | |
| 5 | 1704272 | 1 | Decal/Nameplate - Steer/Tow Select Valve | |
| 6 | 1705820 | 1 | Decal - Towing Instructions | |
| 7 | 1706593 | 2 | Decal - Crushing | |
| 8 | 4420051 | AR | Tape, Safety | |
| 9 | 4751500 | 4 | Washer 5/16 | |
| 10 | 0100011 | AR | Compound, Locking | |

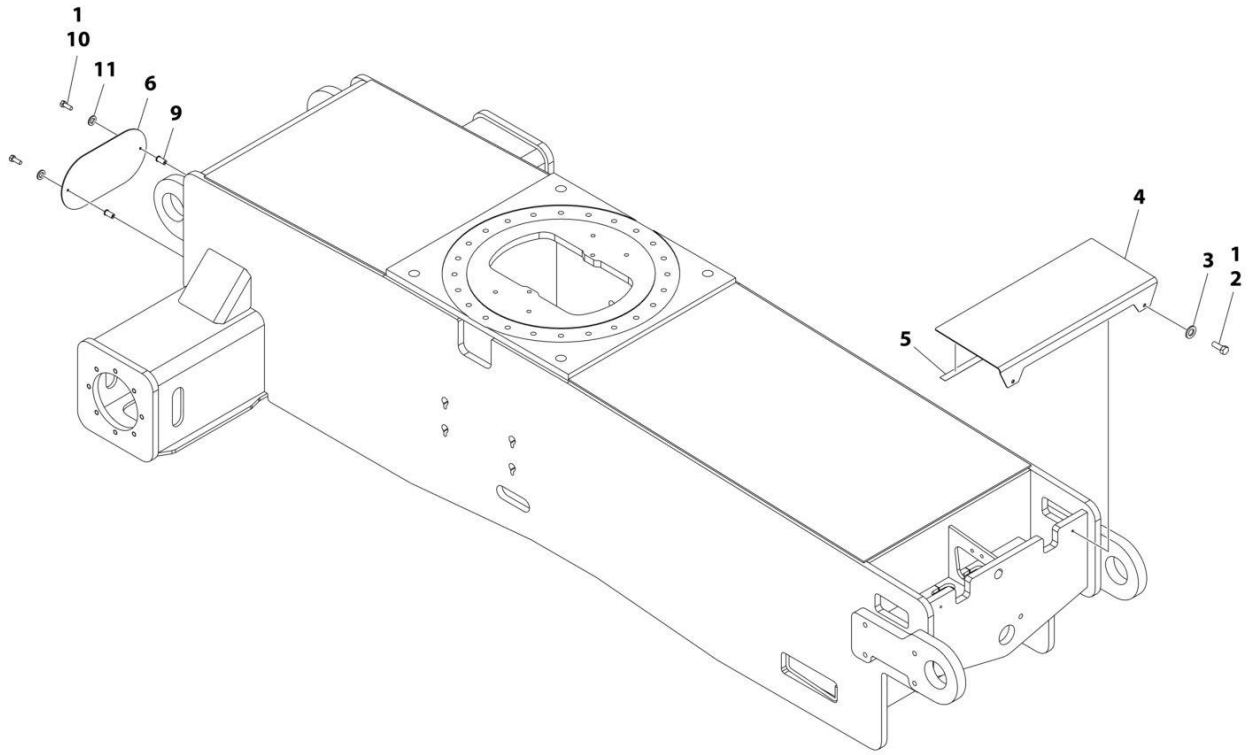
## FIGURE 1-25. TOW BAR ASSEMBLY



## FIGURE 1-25. TOW BAR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270528 | Ref | TOW BAR ASSEMBLY | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0362910 | 1 | Pintle, Draw Eye | |
| 3 | 0642010 | 4 | Bolt 5/8 x 1-1/4 | |
| 4 | 0721004 | 2 | Screw, Hex Machine | |
| 5 | 0741607 | 24 | Screw, Countersunk 3/8 x 7/8 | |
| 6 | 1060584 | 6 | Cable, Lanyard | |
| 7 | 3420372 | 2 | Pin, Cotter | |
| 8 | 3420447 | 1 | Pin, Towing | |
| 9 | 3421565 | 2 | Pin, Snap | |
| 10 | 3422841 | 2 | Pin | |
| 11 | 3422847 | 1 | Pin | |
| 12 | 3572009 | 2 | Plate, Slide Stop | |
| 13 | 3572010 | 2 | Plate, Slide Stop | |
| 14 | 3572011 | 2 | Plate, Slide Stop | |
| 15 | 3572012 | 2 | Plate, Slide Stop | |
| 16 | 3760170 | 8 | Ring, Split | |
| 17 | 4568133 | 1 | Tube, Tow Bar | |
| 18 | 4740036 | 1 | Washer | |
| 19 | 4751000 | 2 | Washer #10 | |
| 20 | 4846295 | 1 | Tow Bar Attach Weldment | |
| 21 | 4846296 | 1 | Pintle Attach Weldment | |

**FIGURE 1-26. FRAME SHIELDS INSTALLATION**

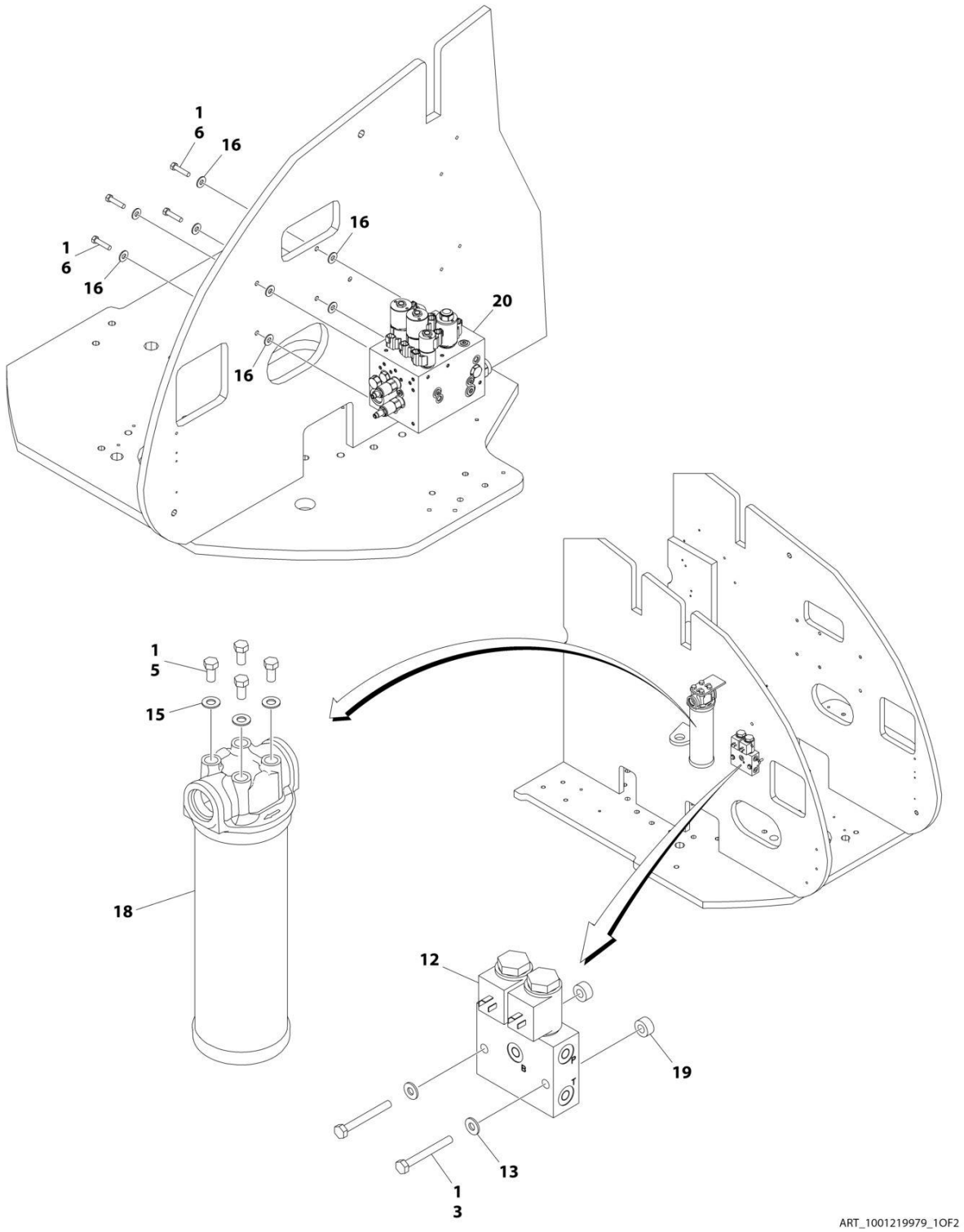


## FIGURE 1-26. FRAME SHIELDS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158203 | Ref | FRAME SHIELDS INSTALLATION | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641606 | 2 | Bolt 3/8 x 3/4 | |
| 3 | 4751600 | 2 | Washer 3/8 | |
| 4 | 1001158187 | 1 | Cover | |
| 5 | 4280296 | 27 in/ 68cm | Trim | |
| 6 | 1001158188 | 1 | Cover | |
| 9 | 8580420 | 2 | Nut, Well | |
| 10 | 0641410 | 2 | Bolt 1/4 x 1-1/4 | |
| 11 | 4751400 | 2 | Washer 1/4 | |

# SECTION 2 - TURNTABLE

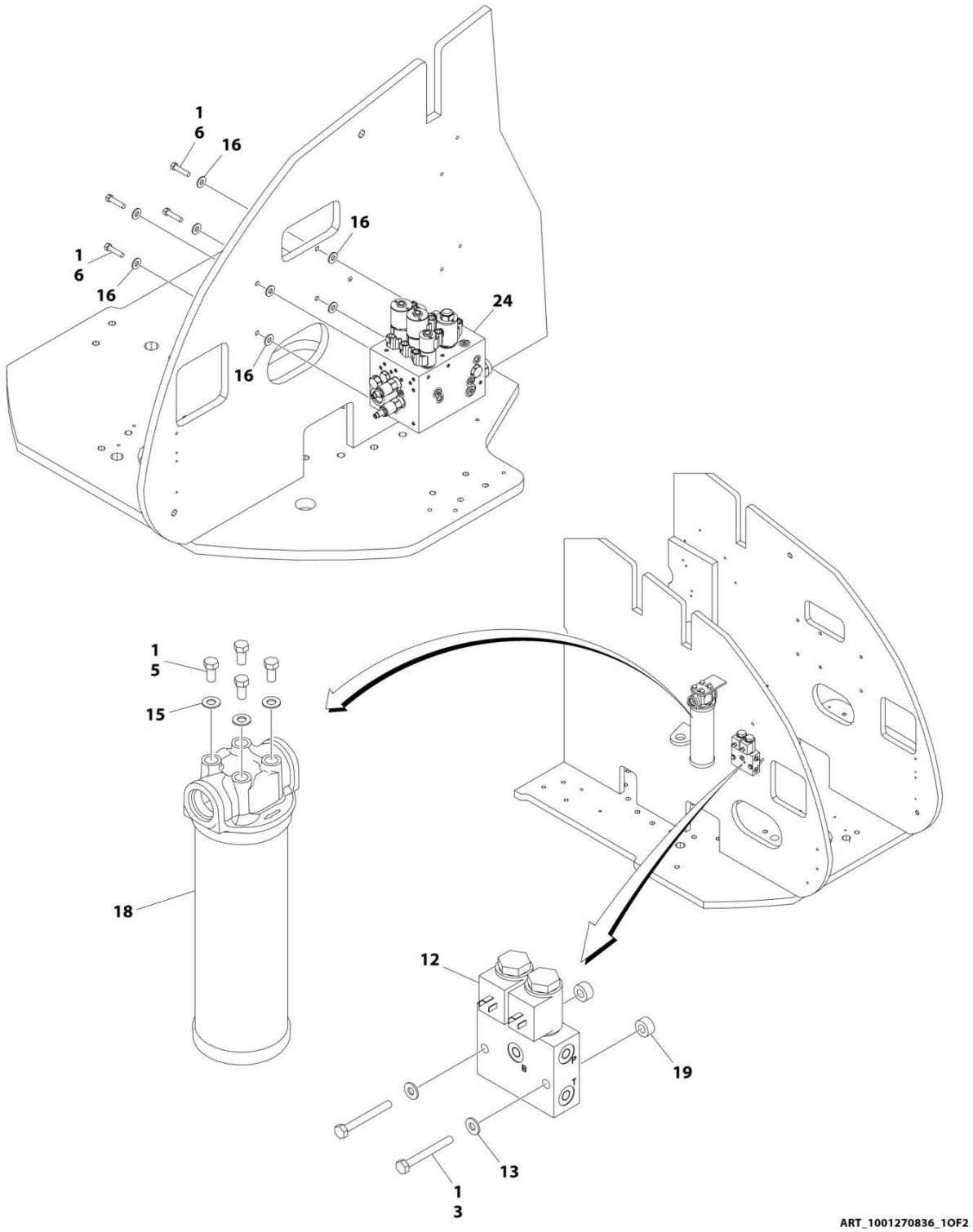
## FIGURE 2-1. CONTROL VALVES INSTALLATION (800S HC3)



## FIGURE 2-1. CONTROL VALVES INSTALLATION (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219979 | Ref | VALVES INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 3 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 5 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 6 | 0641613 | 4 | Bolt 3/8 x 1-5/8 | |
| 12 | 4641317 | 1 | Dual Select Valve Assembly | C |
| 12 | 7012944 | 2 | Coil | |
| 12 | 7012941 | 2 | Cartridge Less Coil | |
| 12 | 7010543 | 2 | Seal Kit - 7012941 Valve (1 Per Cartridge) | |
| 13 | 4711400 | 2 | Washer 1/4 | |
| 15 | 4711600 | 4 | Washer 3/8 | |
| 16 | 4751600 | 8 | Washer 3/8 | |
| 18 | 1001108617 | AR | Hydraulic Filter Assembly | |
| 18 | 70002231 | 1 | Element, Filter | |
| 19 | 1001110425 | 1 | Spacer | |
| 20 | 1001235900 | 1 | Main Control Valve Assembly (See Separate Breakdown in this Section) | |

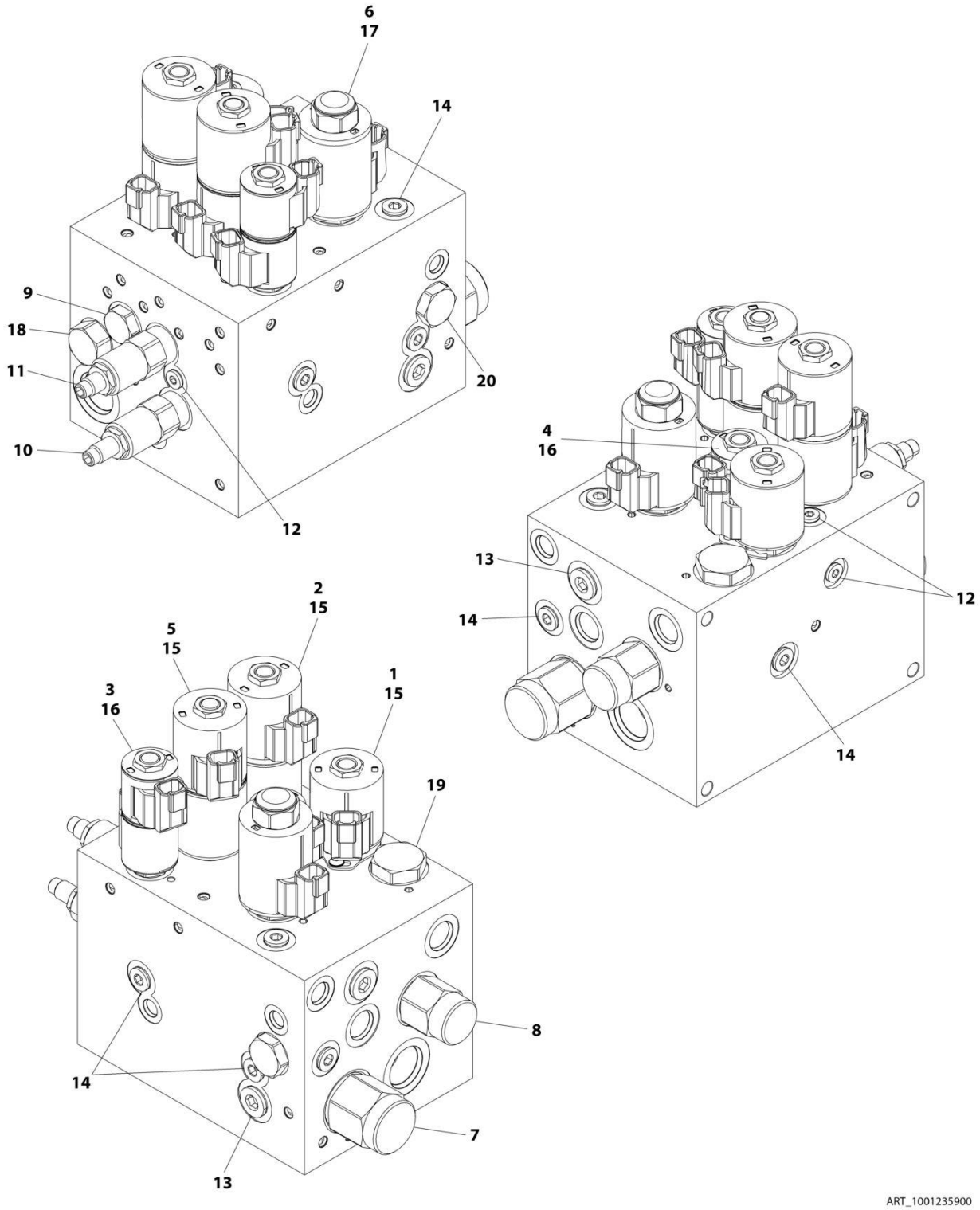
## FIGURE 2-2. CONTROL VALVES INSTALLATION (860SJ HC3)



## FIGURE 2-2. CONTROL VALVES INSTALLATION (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001270836 | Ref | CONTROL VALVE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 3 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 5 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 6 | 0641613 | 4 | Bolt 3/8 x 1-5/8 | |
| 12 | 4641317 | 1 | Dual Select Valve Assembly | C |
| 12 | 7012944 | 2 | Coil | |
| 12 | 7012941 | 2 | Cartridge Less Coil | |
| 12 | 7010543 | 2 | Seal Kit - 7012941 Valve (1 Per Cartridge) | |
| 13 | 4711400 | 2 | Washer 1/4 | |
| 15 | 4711600 | 4 | Washer 3/8 | |
| 16 | 4751600 | 8 | Washer 3/8 | |
| 18 | 1001108617 | AR | Hydraulic Filter Assembly | |
| 18 | 70002231 | 1 | Element, Filter | |
| 19 | 1001110425 | 1 | Spacer | |
| 20 | 1001168025 | 1 | Upper Valve Harness (not shown) | |
| 24 | 1001235900 | 1 | Main Control Valve Assembly (See Separate Breakdown in this Section) | |

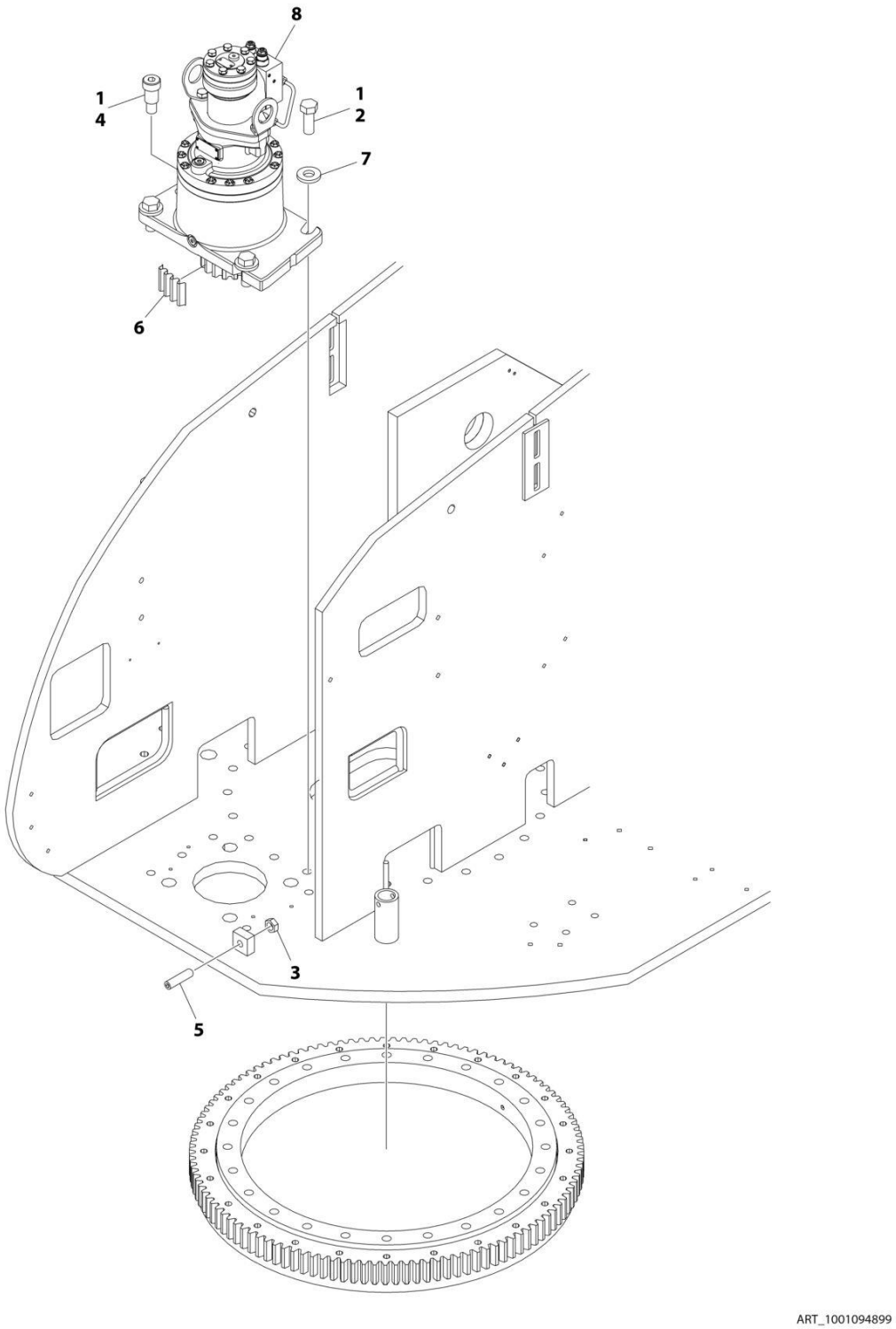
## FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY



## FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001235900 | Ref | MAIN CONTROL VALVE ASSEMBLY | B |
| 1 | 70004570 | 1 | Cartridge, Solenoid Valve (Main Dump) | |
| 1 | 70004571 | 1 | Seal Kit - 70004570 Valve | |
| 1 | 70005725 | 1 | Lock Down Kit | |
| 2 | 7023925 | 1 | Cartridge, Solenoid Valve (Steer) | |
| 2 | 7012903 | 1 | Seal Kit - 7023925 Valve | |
| 3 | 7017452 | 1 | Cartridge, Solenoid Valve (Tele) | |
| 3 | 7017402 | 1 | Seal Kit - 7017452 Valve | |
| 4 | 7021612 | 1 | Cartridge, Solenoid Valve (Lift) | |
| 4 | 7012907 | 1 | Seal Kit - 7021612 Valve | |
| 5 | 70003022 | 1 | Cartridge, Solenoid Valve (Swing) | |
| 5 | 7012903 | 1 | Seal Kit - 70003022 Valve | |
| 6 | 70004572 | 1 | Cartridge, Solenoid Valve (Tele) | |
| 6 | 70004573 | 1 | Seal Kit - 70004572 Valve | |
| 7 | 70004574 | 1 | Cartridge, Valve | |
| 7 | 70004575 | 1 | Seal Kit - 70004574 Valve | |
| 8 | 70004576 | 1 | Cartridge, Valve | |
| 8 | 70004577 | 1 | Seal Kit - 70004576 Valve | |
| 9 | 10837580 | 1 | Cartridge, Valve | |
| 9 | 7010543 | 1 | Seal Kit - 10837580 Valve | |
| 10 | 7017422 | 1 | Cartridge, Valve | |
| 10 | 7012998 | 1 | Seal Kit - 7017422 Valve | |
| 11 | 70004578 | 1 | Cartridge, Valve | |
| 11 | 7021653 | 1 | Seal Kit - 70004578 Valve | |
| 12 | 91164059 | 3 | Plug, #4 | |
| 13 | 91164057 | 3 | Plug, #8 | |
| 14 | 91164079 | 6 | Plug, #6 | |
| 15 | 70003788 | 5 | Coil | |
| 16 | 70002386 | 3 | Coil | |
| 17 | 70003789 | 1 | Coil | |
| 18 | 70004579 | 1 | Cartridge, Valve | |
| 18 | 70004580 | 1 | Seal Kit - 70004579 Valve | |
| 19 | 70004581 | 1 | Cartridge, Valve | |
| 19 | 70004571 | 1 | Seal Kit - 70004581 Valve | |
| 20 | 7023985 | 1 | Cartridge, Valve | |
| 20 | 7017496 | 1 | Seal Kit - 7023985 Valve | |

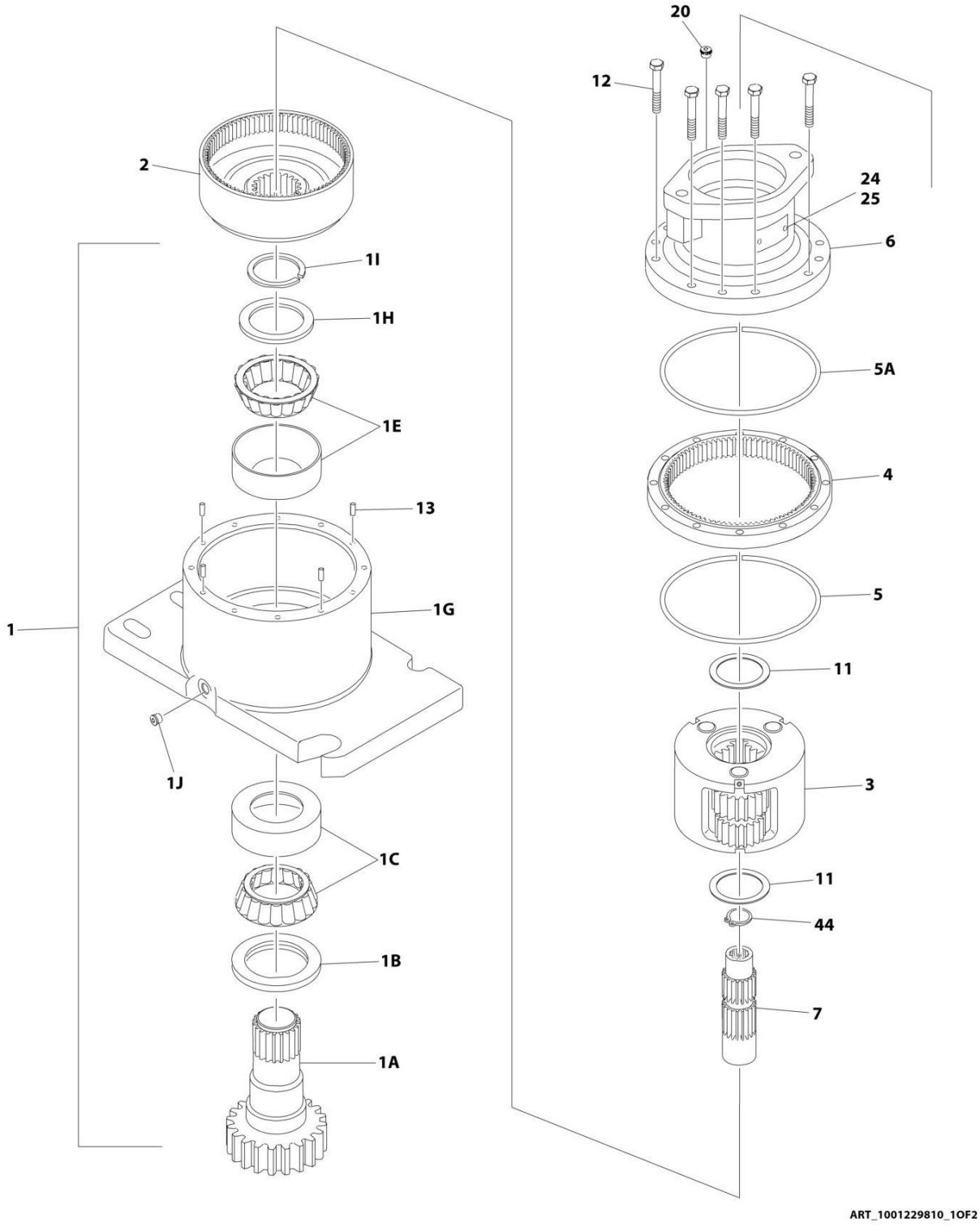
## FIGURE 2-4. SWING DRIVE INSTALLATION

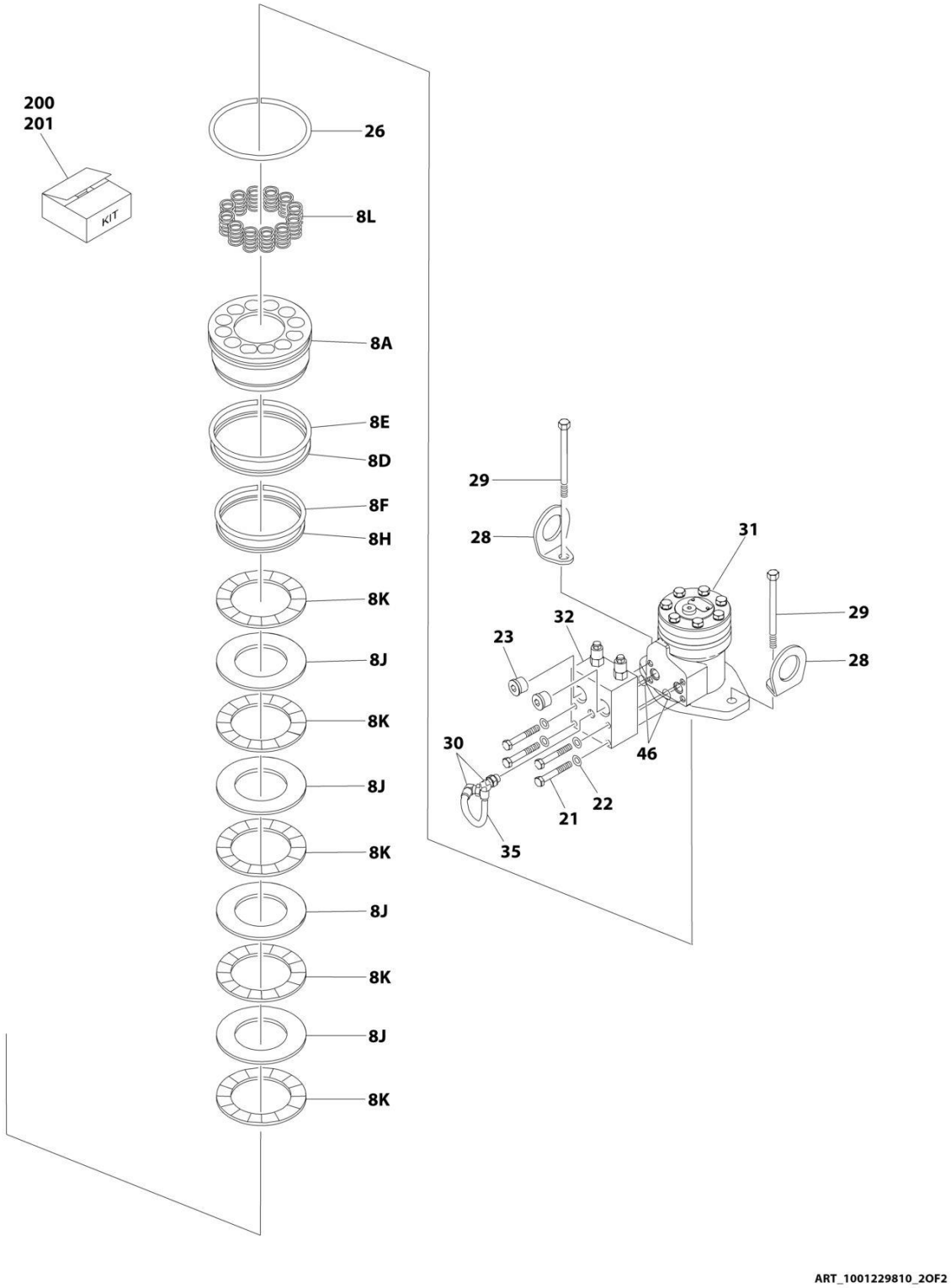


## FIGURE 2-4. SWING DRIVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001094899 | Ref | SWING DRIVE INSTALLATION | E |
| 1 | 0100019 | AR | Compound, Locking | |
| 2 | 0682216 | 4 | Bolt 3/4 x 2 Grade 8 | |
| 3 | 3312002 | 1 | Nut, Jam 3/4 | |
| 4 | 3900293 | 1 | Bolt, Shoulder | |
| 5 | 3952020 | 2 | Setscrew 5/8 x 2-1/2 | |
| 6 | 1001125492 | 1 | Shim | |
| 7 | 4740057 | 4 | Washer 3/4 Hardened | |
| 8 | 1001229810 | 1 | Swing Motor/Swing Hub Assembly (See Separate Breakdown in this Section) | |

## FIGURE 2-5. SWING MOTOR/HUB ASSEMBLY



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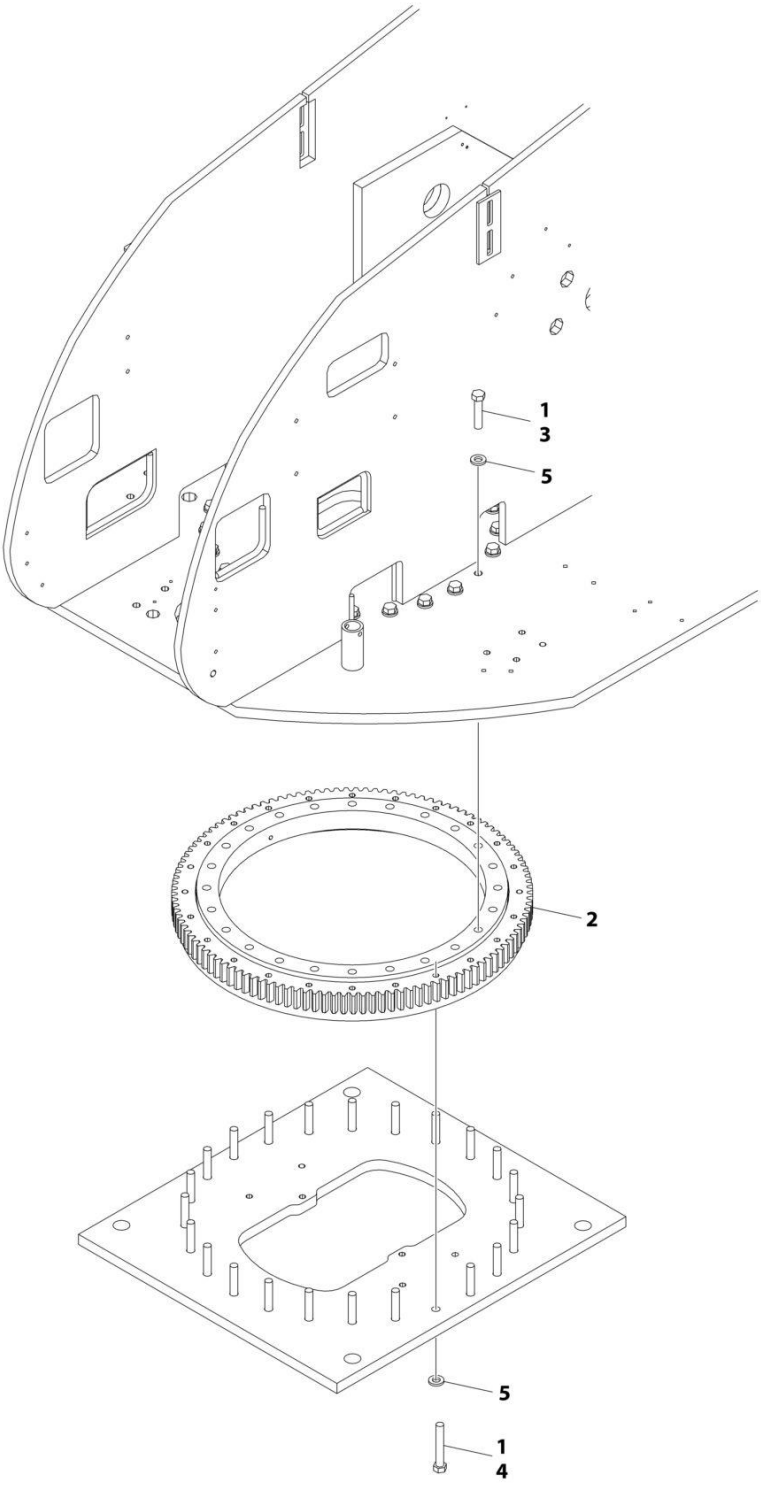
## FIGURE 2-5. SWING MOTOR/HUB ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001229810 | Ref | SWING MOTOR/HUB ASSEMBLY | C |
| 1 | See Note | 1 | Housing/Shaft Assembly (Note: Not Available - Purchase Individual Components) | |
| 1A | 7010492 | 1 | Shaft, Output | |
| 1B | 7000228 | 1 | Seal, Lip | |
| 1C | 7000255 | 1 | Bearing Kit (Includes Cup and Cone) | |
| 1E | 7000257 | 1 | Bearing Kit (Includes Cup and Cone) | |
| 1G | 7024762 | 1 | Housing | |
| 1H | 7007633 | 1 | Washer, Thrust | |
| 1I | 7000229 | 1 | Ring, Retaining | |
| 1J | 7017072 | 1 | Plug, Pipe | |
| 2 | 7000246 | 1 | Gear, Internal | |
| 3 | 7000247 | 1 | Carrier Assembly | |
| 4 | 7000248 | 1 | Gear, Ring | |
| 5 | 7000230 | 1 | O-Ring | |
| 5A | 7017070 | 1 | O-Ring | |
| 6 | 1001229810 | NSS | Housing, Brake (Note: Not Available - Purchase Complete Assembly) | |
| 7 | 70005203 | 1 | Gear, Sun | |
| 8A | 70004037 | 1 | Piston | |
| 8D | 70004041 | 1 | O-Ring | |
| 8E | 70004044 | 1 | Ring, Back-up | |
| 8F | 70004042 | 1 | O-Ring | |
| 8H | 70004043 | 1 | Ring, Back-up | |
| 8J | 70002085 | 4 | Disc, Rotor | |
| 8K | 70002085 | 5 | Disc, Stator | |
| 8L | 70002066 | 14 | Spring | |
| 11 | 7000253 | 2 | Washer, Thrust | |
| 12 | 7000217 | 12 | Bolt 3/8 x 2-1/4 Grade 8 | |
| 13 | 7017080 | 4 | Pin, Dowel | |
| 20 | 7017072 | 1 | Plug, Pipe | |
| 21 | 7024704 | 4 | Bolt 5/16 x 2 Grade 8 | |
| 22 | 70004045 | 4 | Washer | |
| 23 | 7017023 | 2 | Plug, Pipe | |
| 24 | See Note | NSS | Plate, ID (Note: Not Available for Purchase) | |
| 25 | See Note | NSS | Rivet (Note: Not Available for Purchase) | |
| 26 | 7024763 | 1 | O-Ring | |
| 28 | See Note | NSS | Lug, Lifting (Note: Not Available for Purchase) | |
| 29 | 70004040 | 2 | Bolt 1/2 x 1 (Grade 8) | |
| 30 | 7017085 | 2 | Elbow | |
| 31 | 70006304 | 1 | Motor Assembly | |
| 32 | 7024784 | 1 | Valve Assembly - Complete (No Serviceable Parts) | |
| 35 | 70004047 | 1 | Tube | |
| 44 | 7017028 | 1 | Ring, Internal Retaining | |
| 45 | 7000213 | 2 | O-Ring | |
| | | Ref | KIT OPTIONS: | |
| 200 | 7024100 | 1 | Seal Kit - Swing Hub (Includes Items 1B, 1I, 5, 5A & 11) | |
| 201 | 70002085 | 1 | Disc Kit - Swing Brake (Includes Items 8J & 8K) | |

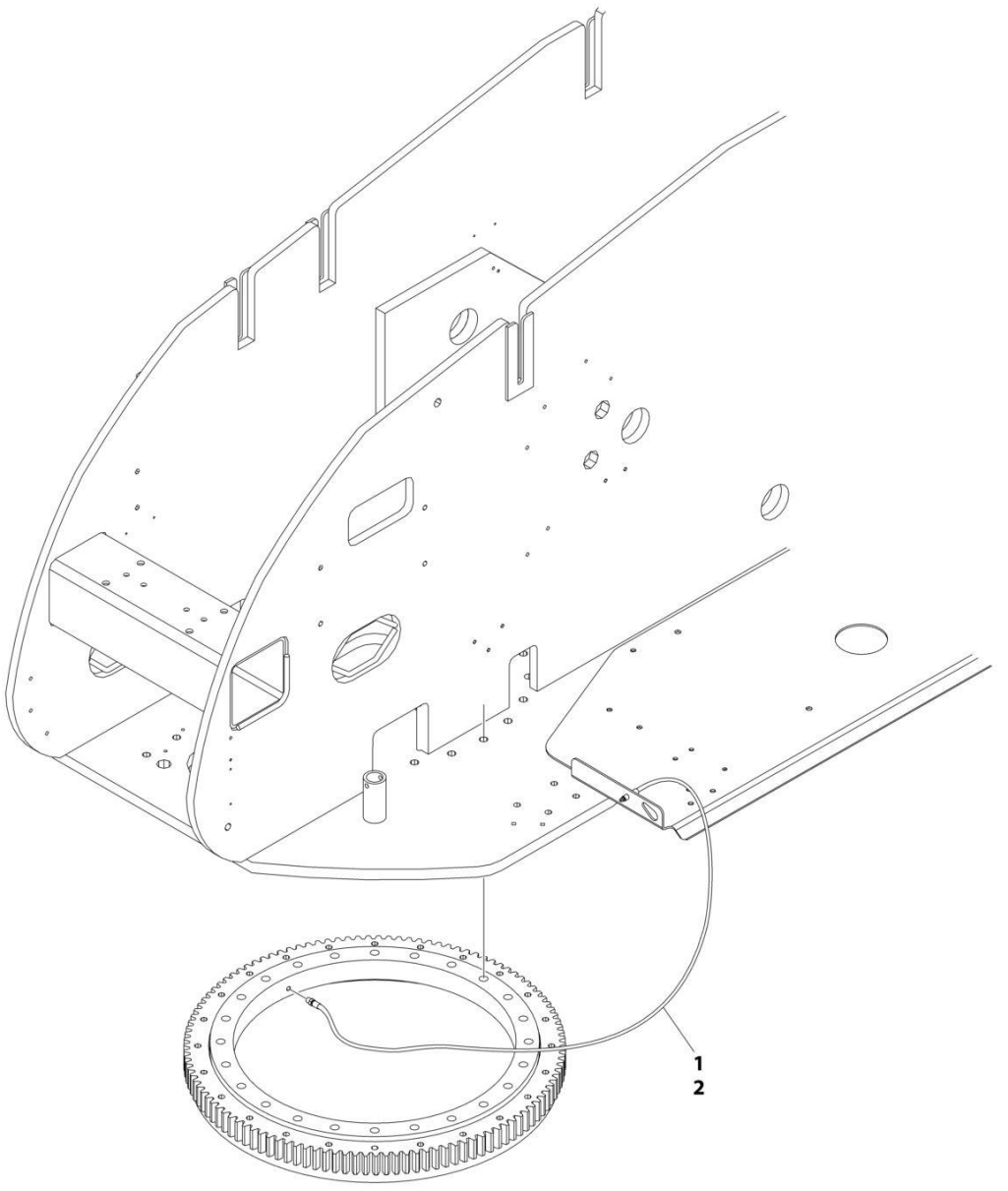
**FIGURE 2-6. TURNTABLE BEARING INSTALLATION**



## FIGURE 2-6. TURNTABLE BEARING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0271002 | Ref | TURNTABLE BEARING INSTALLATION | E |
| 1 | 0100019 | AR | Compound, Locking | |
| 2 | 0440244 | 1 | Bearing, Turntable | |
| 3 | 0682023 | 24 | Bolt 5/8 x 2-7/8 Grade 8 | |
| 4 | 0682032 | 24 | Bolt 5/8 x 4 Grade 8 | |
| 5 | 4892000 | 48 | Washer, 5/8 Hardened | |

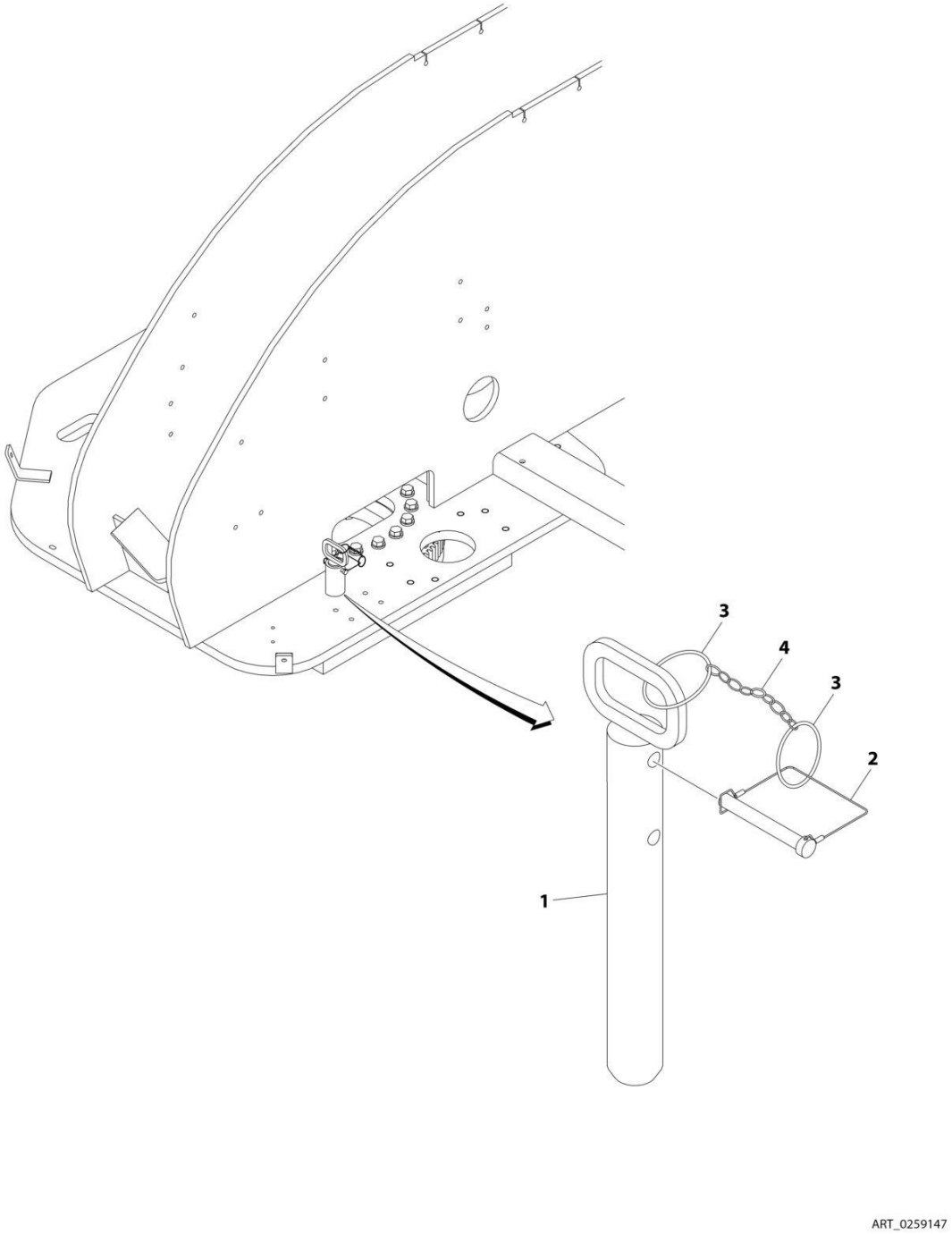
## FIGURE 2-7. REMOTE BEARING LUBE INSTALLATION



## FIGURE 2-7. REMOTE BEARING LUBE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001161076 | Ref | REMOTE BEARING LUBE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 1001188125 | 1 | Hose and Fitting Assembly | |

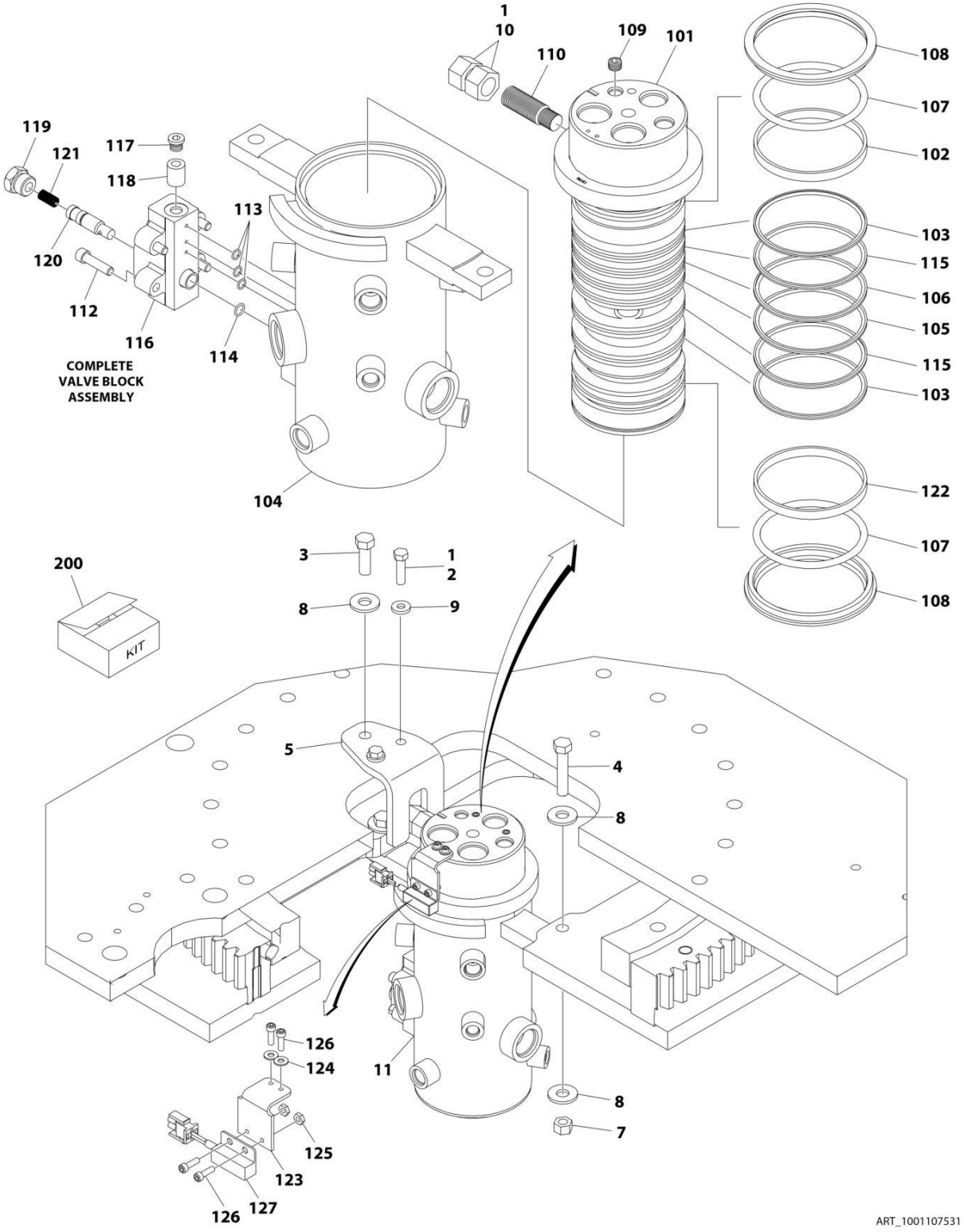
**FIGURE 2-8. TURNTABLE LOCK INSTALLATION**



## FIGURE 2-8. TURNTABLE LOCK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0259147 | Ref | TURNTABLE LOCK INSTALLATION | B |
| 1 | 4844958 | 1 | Pin | |
| 2 | 3421565 | 1 | Pin, Snap | |
| 3 | 3760170 | 2 | Ring, Quick Release | |
| 4 | 1260017 | 9 in/ 23cm | Chain | |

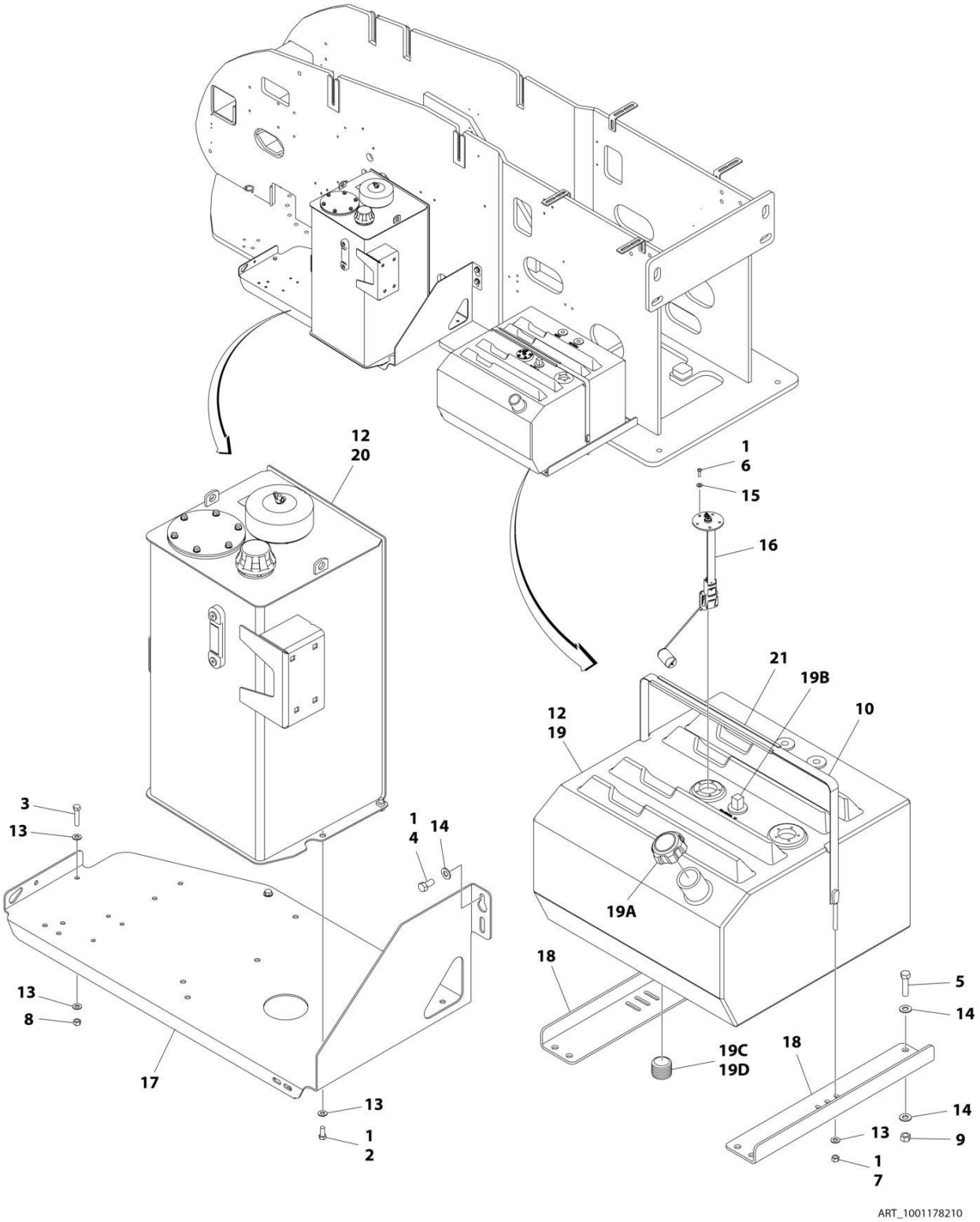
## FIGURE 2-9. ROTARY COUPLING INSTALLATION



## FIGURE 2-9. ROTARY COUPLING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001107531 | Ref | ROTARY COUPLING INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |
| 3 | 0641812 | 1 | Bolt 1/2 x 1-1/2 | |
| 4 | 0641820 | 2 | Bolt 1/2 x 2-1/2 | |
| 5 | 0903242 | 1 | Bracket | |
| 7 | 3271805 | 2 | Nut 1/2 | |
| 8 | 4751800 | 5 | Washer 1/2 Regular | |
| 9 | 4891600 | 2 | Washer 3/8 Hardened | |
| 10 | 3322201 | 2 | Nut 3/4 | |
| 11 | 1001106974 | 1 | Coupling, Rotary (See Items 101-128 for Breakdown) | |
| | 1001106974 | Ref | ROTARY COUPLING ASSEMBLY | B |
| 101 | 1001106974 | 1 | Body (Note: Not Available - Purchase Complete Assembly) | |
| 102 | 70001248 | 1 | Seal, Poly | |
| 103 | 70001248 | 2 | O-Ring/Seal | |
| 104 | See Note | NSS | Housing (Note: Not Available - Purchase Complete Assembly) | |
| 105 | 70001248 | 6 | Seal, Cap | |
| 106 | 70001248 | 6 | O-Ring | |
| 107 | 7026503 | 2 | Ring, Thrust | |
| 108 | 7026504 | 2 | Ring, Retaining | |
| 109 | 80934561 | 2 | Plug | |
| 110 | See Note | NSS | Lug, Torque (Note: Not Available for Purchase) | |
| 112 | 7026197 | 4 | Capscrew | |
| 113 | 70001248 | 3 | O-Ring | |
| 114 | 70001248 | 1 | O-Ring | |
| 115 | 70001248 | 2 | Bearing | |
| 116 | 7024404 | 1 | Block Valve Assembly | |
| 117 | 7026505 | 1 | Plug | |
| 118 | 7026506 | 1 | Valve, Check | |
| 119 | 7026507 | 1 | Plug | |
| 120 | 7024404 | 1 | Plunger, Valve (Note: Not Available for Purchase) | |
| 121 | 7026509 | 1 | Spring | |
| 122 | 70001248 | 1 | Seal, Oil | |
| 123 | 70003454 | 1 | Bracket, Switch Mounting | |
| 124 | 4711000 | 4 | Washer #10 | |
| 125 | See Note | NSS | Nut 1/4 (Note: Not Available for Purchase) | |
| 126 | See Note | NSS | Capscrew 1/4 (Note: Not Available for Purchase) | |
| 127 | 4360517 | 1 | Switch, Proximity | |
| 128 | See Note | AR | Protective Netting (Not Shown) (Note: Not Available for Purchase) | |
| 200 | 70001248 | Ref | Seal Kit - (Includes Items 102, 103, 105, 106, 113, 114, 115 & 122) | |

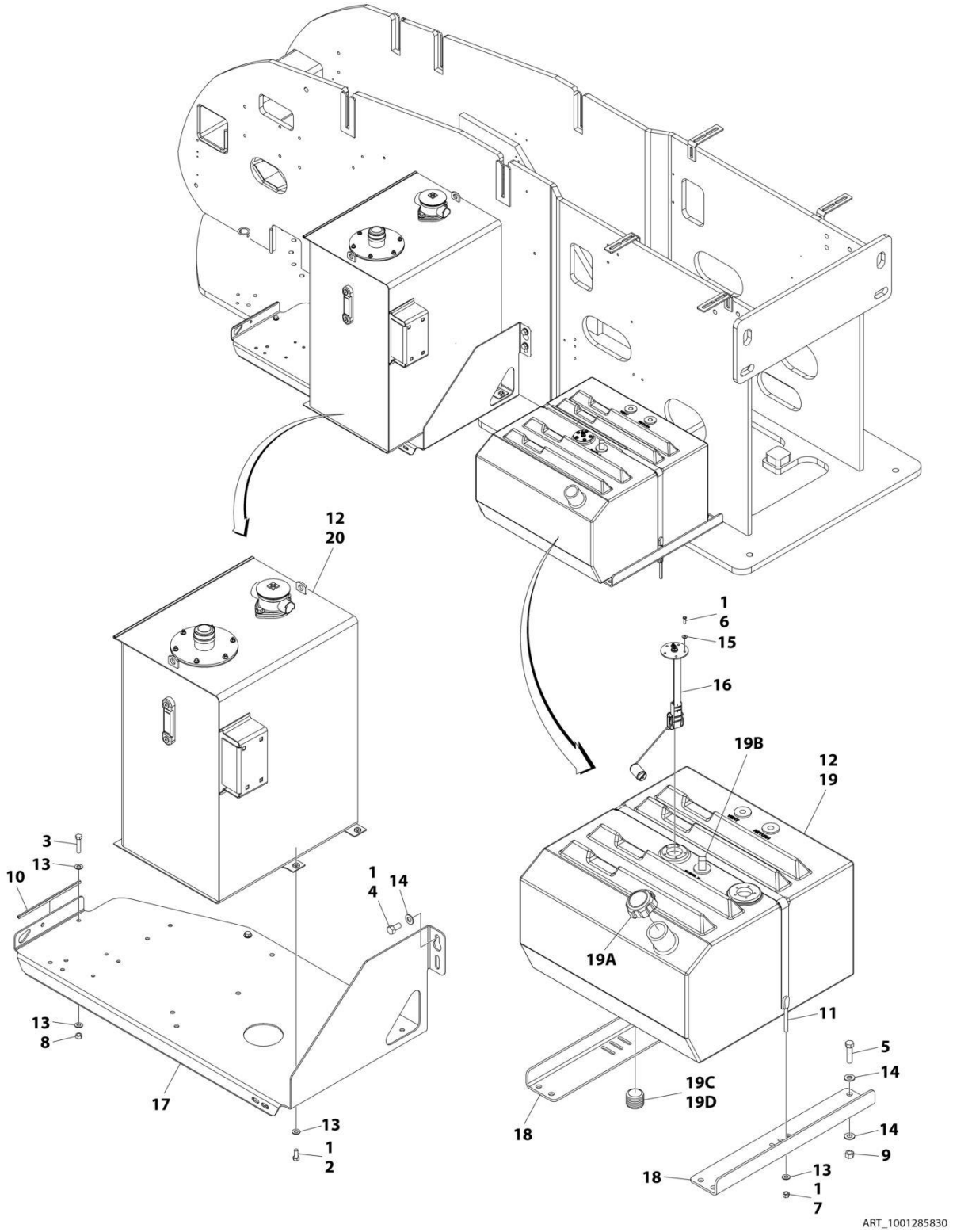
## FIGURE 2-10. TANK INSTALLATION - GAS ENGINES (HELGESEN 25 GAL HYDRAULIC TANK WITH 6IN DIA BREATHER)



## FIGURE 2-10. TANK INSTALLATION - GAS ENGINES (HELGESEN 25 GAL HYDRAULIC TANK WITH 6IN DIA BREATHER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178210 | Ref | TANKS INSTALLATION – GAS ENGINES | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 3 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 4 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 5 | 0641816 | 4 | Bolt 1/2 x 2 | |
| 6 | 0731005 | 5 | Capscrew #10 x 5/8 | |
| 7 | 3311601 | 2 | Nut 3/8 | |
| 8 | 3311605 | 2 | Nut 3/8 | |
| 9 | 3311805 | 4 | Nut 1/2 | |
| 10 | 4240139 | 1 | Strap, Tank Mounting | |
| 12 | 4420038 | 6 ft/ 1.7m | Tape, Rubber | |
| 13 | 4711600 | 10 | Washer 3/8 | |
| 14 | 4711800 | 10 | Washer 1/2 | |
| 15 | 4751000 | 5 | Washer #10 | |
| 16 | 1001148607 | 1 | Gauge, Fuel Level | |
| 17 | 1001156805 | 1 | Tray, Tank | |
| 18 | 1001157056 | 2 | Mount | |
| 19 | 1001160559 | 1 | Fuel Tank Assembly | |
| 19A | 1001211336 | 1 | Cap | |
| 19B | 7020043 | 1 | Tube, Pickup | |
| 19C | 2200222 | 1 | Plug | |
| 19D | 0100020 | AR | Sealant | |
| 20 | 1001178057 | 1 | Hydraulic Tank Assembly (See Separate Breakdown in this Section) | |
| 21 | 4060804 | 9 in/ 23 cm | Flex-Trim | |

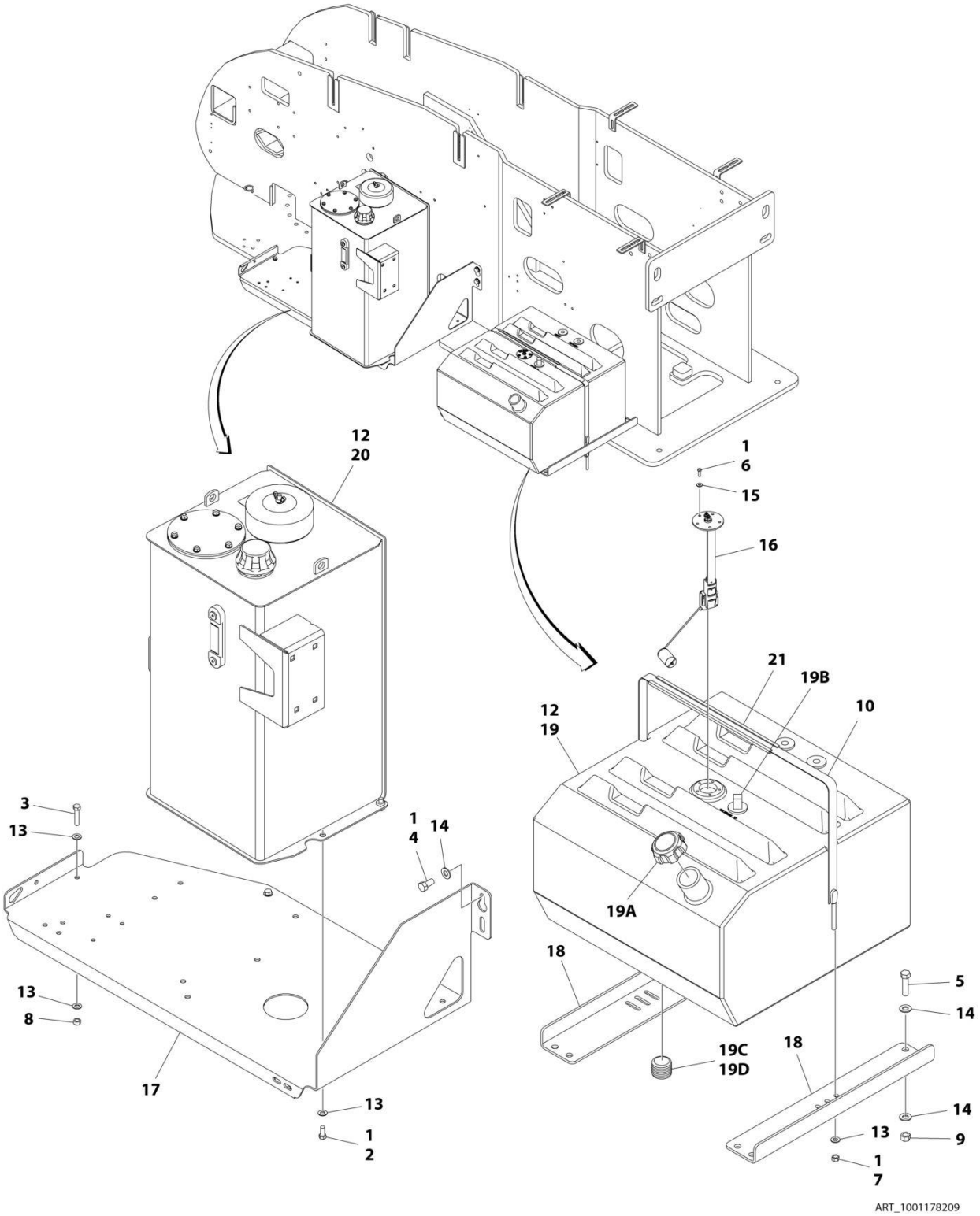
## FIGURE 2-11. TANK INSTALLATION - GAS ENGINES (47.8 GAL CAPACITY HYDRAULIC TANK)



## FIGURE 2-11. TANK INSTALLATION - GAS ENGINES (47.8 GAL CAPACITY HYDRAULIC TANK)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285830 | Ref | TANK INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 3 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 4 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 5 | 0641816 | 4 | Bolt 1/2 x 2 | |
| 6 | 0731005 | 5 | Capscrew #10 x 5/8 | |
| 7 | 3311601 | 2 | Nut 3/8 | |
| 8 | 3311605 | 2 | Nut 3/8 | |
| 9 | 3311805 | 4 | Nut 1/2 | |
| 10 | 4060804 | 9 in/ 23cm | Flex-Trim | |
| 11 | 4240139 | 1 | Strap | |
| 12 | 4420038 | 6 ft/ 1.7m | Tape, Rubber | |
| 13 | 4711600 | 10 | Washer 3/8 | |
| 14 | 4711800 | 10 | Washer 1/2 | |
| 15 | 4751000 | 5 | Washer #10 | |
| 16 | 1001148607 | 1 | Sensor, Fuel | |
| 17 | 1001156805 | 1 | Tray, Tank | |
| 18 | 1001157056 | 2 | Mount | |
| 19 | 1001160559 | 1 | Fuel Tank | |
| 19A | 1001211336 | 1 | Vented Fuel Cap | |
| 19B | 7020043 | 1 | Tube, Pickup | |
| 19C | 2200222 | 1 | Plug | |
| 19D | 0100020 | 1 | Sealant | |
| 20 | 1001285379 | 1 | Hydraulic Tank Assembly (See Separate Breakdown in this Section) | |

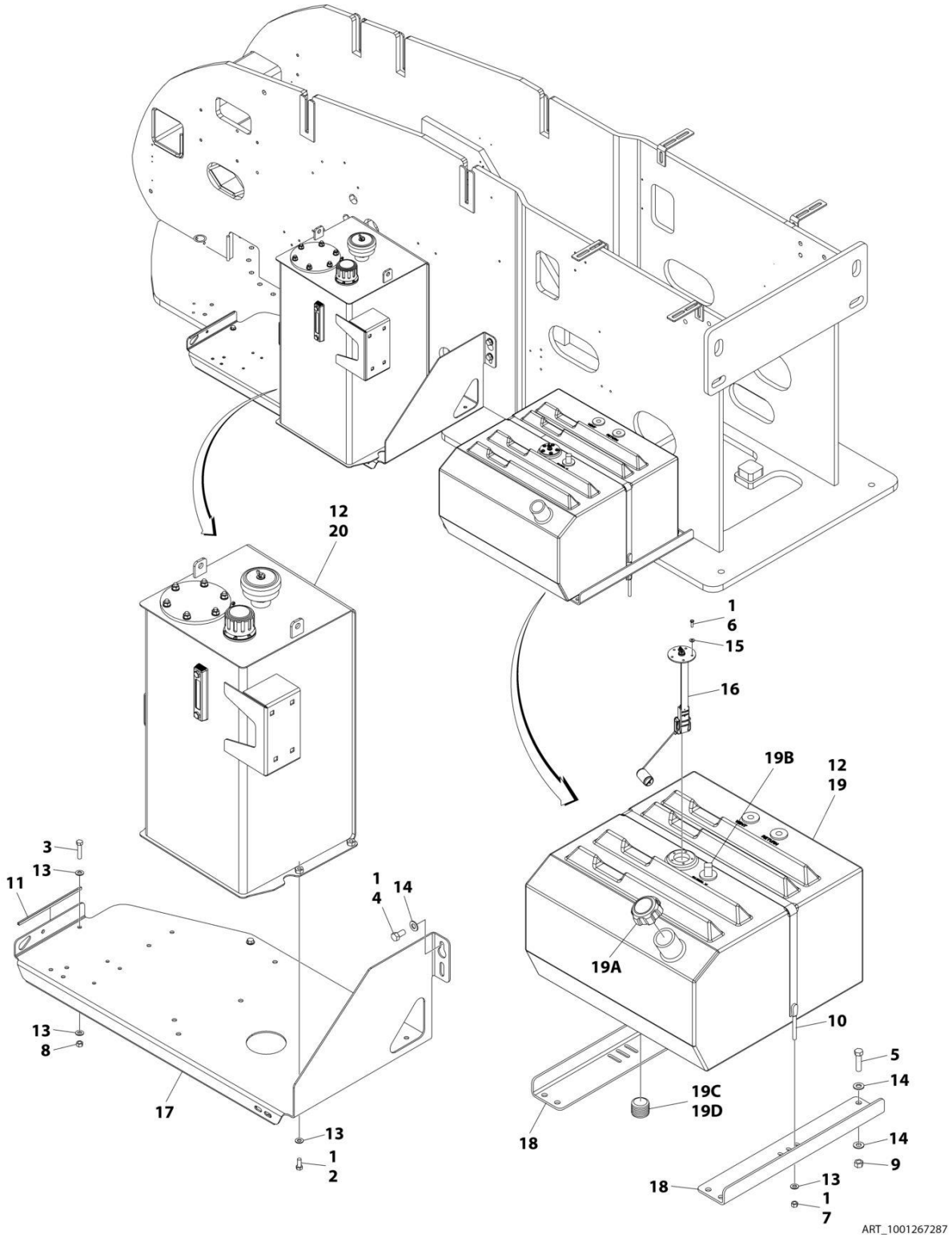
## FIGURE 2-12. TANK INSTALLATION - DIESEL ENGINES (HELGESEN 25 GAL HYDRAULIC TANK WITH 6IN BREATHER)



## FIGURE 2-12. TANK INSTALLATION - DIESEL ENGINES (HELGESEN 25 GAL HYDRAULIC TANK WITH 6IN BREATHER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178209 | Ref | TANKS INSTALLATION – DIESEL ENGINES | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 3 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 4 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 5 | 0641816 | 4 | Bolt 1/2 x 2 | |
| 6 | 0731005 | 5 | Capscrew #10 x 5/8 | |
| 7 | 3311601 | 2 | Nut 3/8 | |
| 8 | 3311605 | 2 | Nut 3/8 | |
| 9 | 3311805 | 4 | Nut 1/2 | |
| 10 | 4240139 | 1 | Strap, Tank Mounting | |
| 12 | 4420038 | 6 ft/1.7 m | Tape, Rubber | |
| 13 | 4711600 | 10 | Washer 3/8 | |
| 14 | 4711800 | 10 | Washer 1/2 | |
| 15 | 4751000 | 5 | Washer #10 | |
| 16 | 1001148607 | 1 | Gauge, Fuel Level | |
| 17 | 1001156805 | 1 | Tray, Tank | |
| 18 | 1001157056 | 2 | Mount | |
| 19 | 1001160567 | 1 | Fuel Tank Assembly | |
| 19A | 70004414 | 1 | Cap | |
| 19B | 7020043 | 1 | Tube, Pickup | |
| 19C | 2200222 | 1 | Plug | |
| 19D | 0100020 | AR | Sealant | |
| 20 | 1001178057 | 1 | Hydraulic Tank Assembly (See Separate Breakdown in this Section) | |
| 21 | 4060804 | 9 in/23 cm | Flex-Trim | |

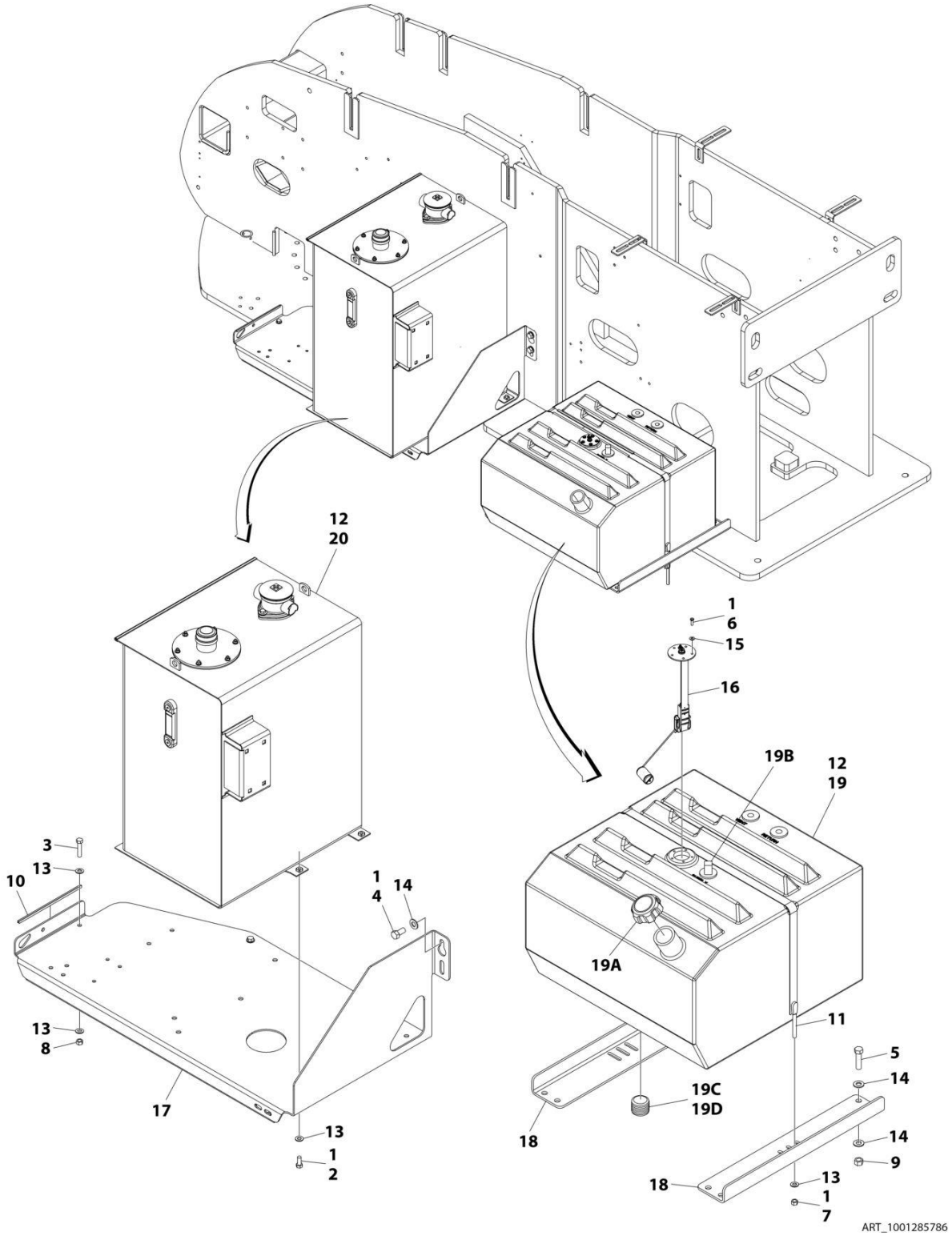
## FIGURE 2-13. TANK INSTALLATION - DIESEL ENGINES (JIANGYING 25 GAL HYDRAULIC TANK WITH 4IN DIA BREATHER)



## FIGURE 2-13. TANK INSTALLATION - DIESEL ENGINES (JIANGYING 25 GAL HYDRAULIC TANK WITH 4IN DIA BREATHER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001267287 | Ref | TANK INSTALLATION (Machines With SN Starting With B3) | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 3 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 4 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 5 | 0641816 | 4 | Bolt 1/2 x 2 | |
| 6 | 0731005 | 5 | Capscrew #10 x 5/8 | |
| 7 | 3311601 | 2 | Nut 3/8 | |
| 8 | 3311605 | 2 | Nut 3/8 | |
| 9 | 3311805 | 4 | Nut 1/2 | |
| 10 | 4240139 | 1 | Strap | |
| 11 | 4060804 | 9 in/ 23cm | Flex-Trim | |
| 12 | 4420038 | 6 ft/ 1.7m | Tape, Rubber | |
| 13 | 4711600 | 10 | Washer 3/8 | |
| 14 | 4711800 | 10 | Washer 1/2 | |
| 15 | 4751000 | 5 | Washer #10 | |
| 16 | 1001148607 | 1 | Sensor, Fuel | |
| 17 | 1001156805 | 1 | Tray, Tank | |
| 18 | 1001157056 | 2 | Mount | |
| 19 | 1001160567 | 1 | Fuel Tank | |
| 19A | 70004414 | 1 | Cap | |
| 19B | 7020043 | 1 | Tube, Pickup | |
| 19C | 2200222 | 1 | Plug | |
| 19D | 0100020 | 1 | Sealant | |
| 20 | 1001267678 | 1 | Hydraulic Tank Assembly (See Separate Breakdown in this Section) | |

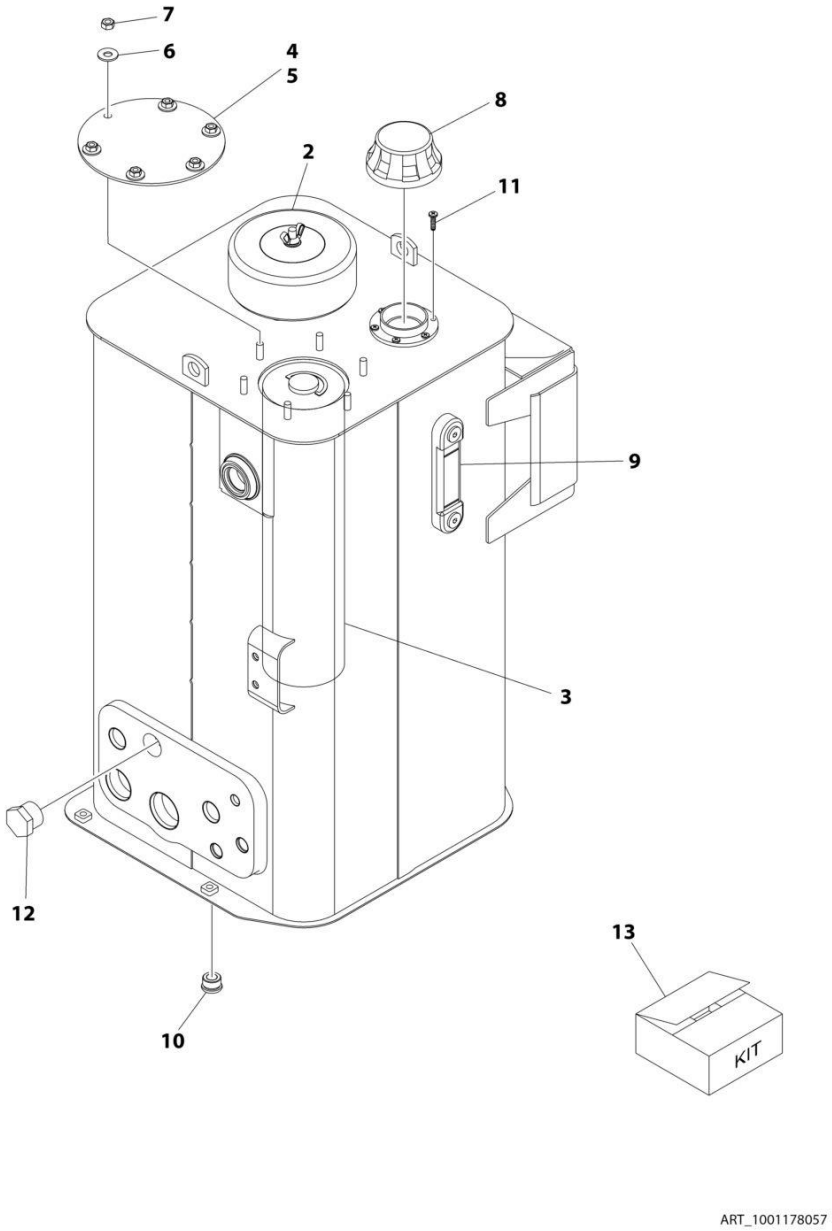
## FIGURE 2-14. TANK INSTALLATION - DIESEL ENGINES (47.8 GAL CAPACITY HYDRAULIC TANK)



## FIGURE 2-14. TANK INSTALLATION - DIESEL ENGINES (47.8 GAL CAPACITY HYDRAULIC TANK)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285786 | Ref | TANK INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 3 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 4 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 5 | 0641816 | 4 | Bolt 1/2 x 2 | |
| 6 | 0731005 | 5 | Capscrew #10 x 5/8 | |
| 7 | 3311601 | 2 | Nut 3/8 | |
| 8 | 3311605 | 2 | Nut 3/8 | |
| 9 | 3311805 | 4 | Nut 1/2 | |
| 10 | 4060804 | 9 in/ 23cm | Flex-Trim | |
| 11 | 4240139 | 1 | Strap | |
| 12 | 4420038 | 6 ft/ 1.7m | Tape, Rubber | |
| 13 | 4711600 | 10 | Washer 3/8 | |
| 14 | 4711800 | 10 | Washer 1/2 | |
| 15 | 4751000 | 5 | Washer #10 | |
| 16 | 1001148607 | 1 | Sensor, Fuel | |
| 17 | 1001156805 | 1 | Tray, Tank | |
| 18 | 1001157056 | 2 | Mount | |
| 19 | 1001160567 | 1 | Fuel Tank | |
| 19A | 70004414 | 1 | Cap | |
| 19B | 7020043 | 1 | Tube, Pickup | |
| 19C | 2200222 | 1 | Plug | |
| 19D | 0100020 | 1 | Sealant | |
| 20 | 1001285379 | 1 | Hydraulic Tank Assembly (See Separate Breakdown in this Section) | |

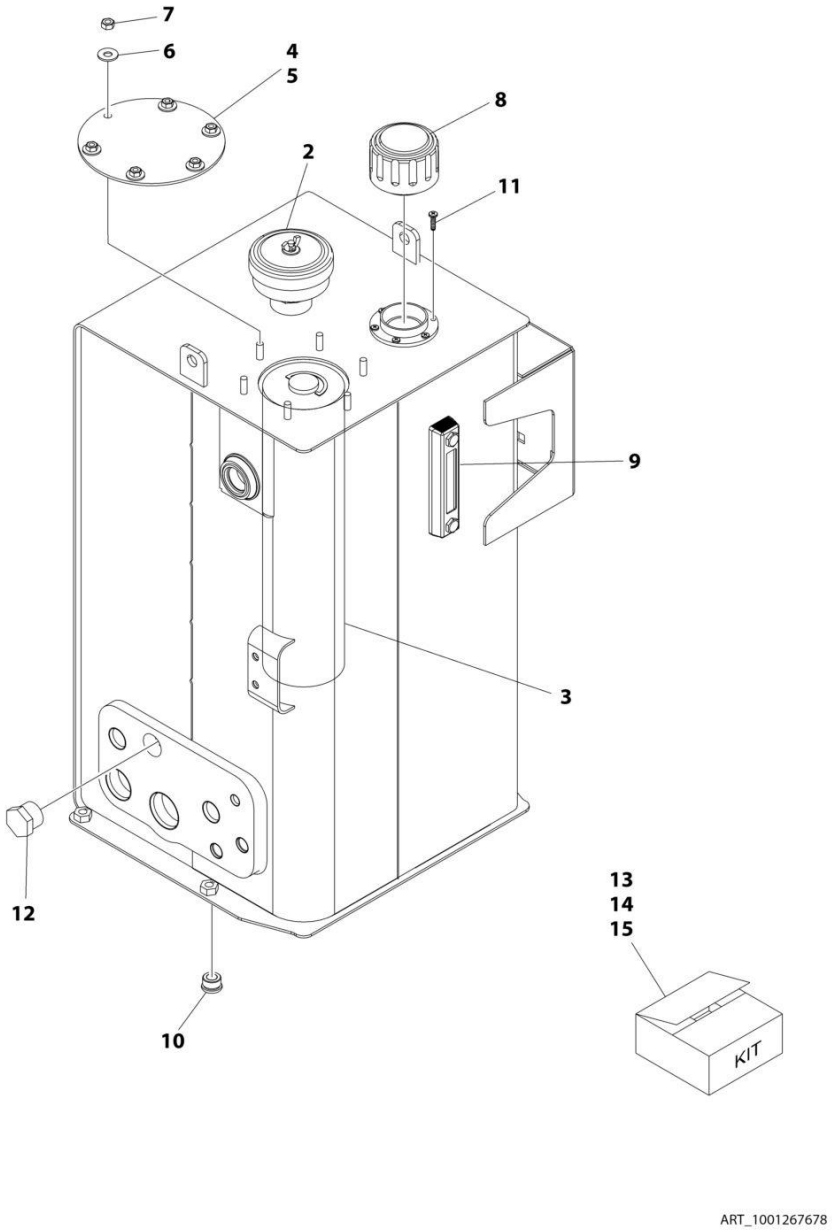
## FIGURE 2-15. HYDRAULIC TANK ASSEMBLY (MACHINES WITH SN STARTING WITH 03)



## FIGURE 2-15. HYDRAULIC TANK ASSEMBLY (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178057 | Ref | HYDRAULIC TANK ASSEMBLY | D |
| 2 | 70005708 | 1 | Breather Assembly (Includes Breather, Element and Wingnut) | |
| 2 | See Note | NSS | Element, Breather (Note: Use p/n 70005708 or Item 13) | |
| 3 | See Note | NSS | Element, Hydraulic (Note: Use Item 13) | |
| 4 | 70002839 | 1 | Gasket | |
| 5 | See Note | NSS | Cover (Note: Not Available for Purchase) | |
| 6 | 83304173 | 6 | Washer 5/16 | |
| 7 | 70004199 | 6 | Nut 5/16 | |
| 8 | 70002838 | 1 | Cap, Fill | |
| 9 | 7024441 | 1 | Gauge, Level | |
| 10 | 70002112 | 1 | Plug | |
| 11 | 70004795 | 6 | Screw #10 x 3/4 | |
| 12 | See Note | NSS | Plug (Note: Not Available - Purchase Locally) | |
| 13 | 70002814 | 1 | Hydraulic Tank Service Kit (Includes Items 2-4) | |

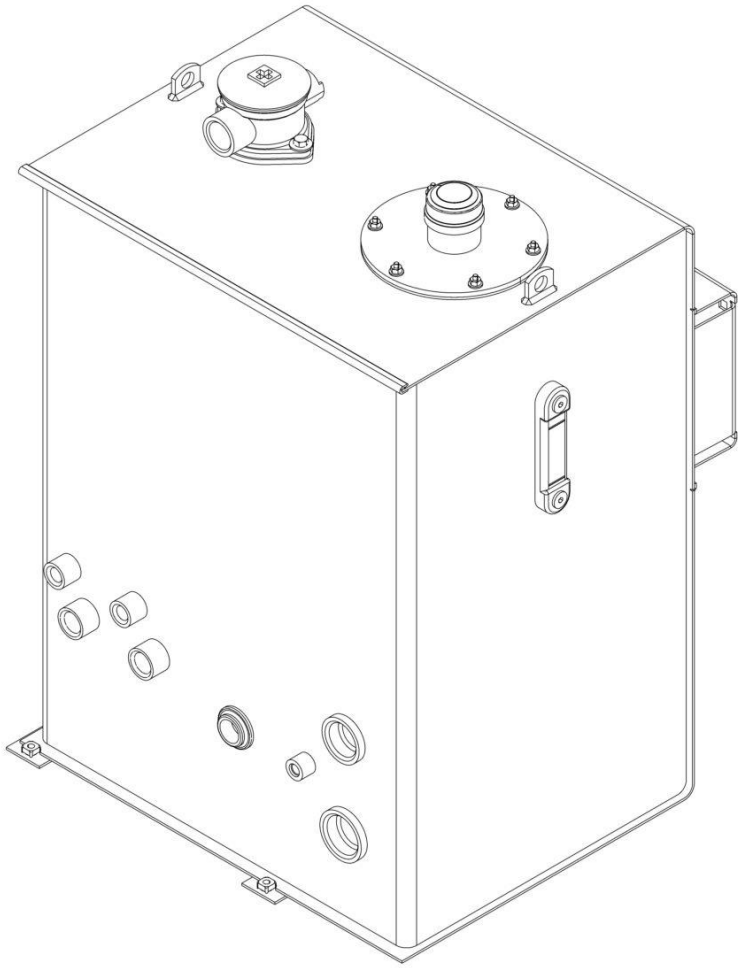
## FIGURE 2-16. HYDRAULIC TANK ASSEMBLY (MACHINES WITH SN STARTING WITH B3)



## FIGURE 2-16. HYDRAULIC TANK ASSEMBLY (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001267678 | REF | HYDRAULIC TANK ASSEMBLY | A |
| 1 | See Note | NSS | Hydraulic Tank Weldment (Not Shown) (Note: Not Available for Purchase) | |
| 2 | See Note | NSS | Breather Assembly (Note: Use Item 13) | |
| 3 | See Note | NSS | Element, Filter (Note: Use Item Use Item 14) | |
| 4 | 70002839 | 1 | Gasket | |
| 5 | See Note | NSS | Cover (Note: Not Available for Purchase) | |
| 6 | 83304173 | 6 | Washer 1/4 | |
| 7 | 70004199 | 6 | Nut 5/16 | |
| 8 | 70002838 | 1 | Cap, Fill | |
| 9 | 70024441 | 1 | Gauge, Level | |
| 10 | 70002112 | 1 | Plug | |
| 11 | 70004795 | 6 | Screw 10 x 3/4 | |
| 12 | See Note | NSS | Plug (Note: Not Available for Purchase) | |
| 13 | 70007726 | 1 | Breather Kit (Note: Includes Item 2) | |
| 14 | 70007727 | 1 | Return Filter Kit (Note: Includes Item 3) | |
| 15 | 70007725 | 1 | Level Gauge Kit | |

## FIGURE 2-17. HYDRAULIC TANK ASSEMBLY (47.8 GAL CAPACITY HYDRAULIC TANK)

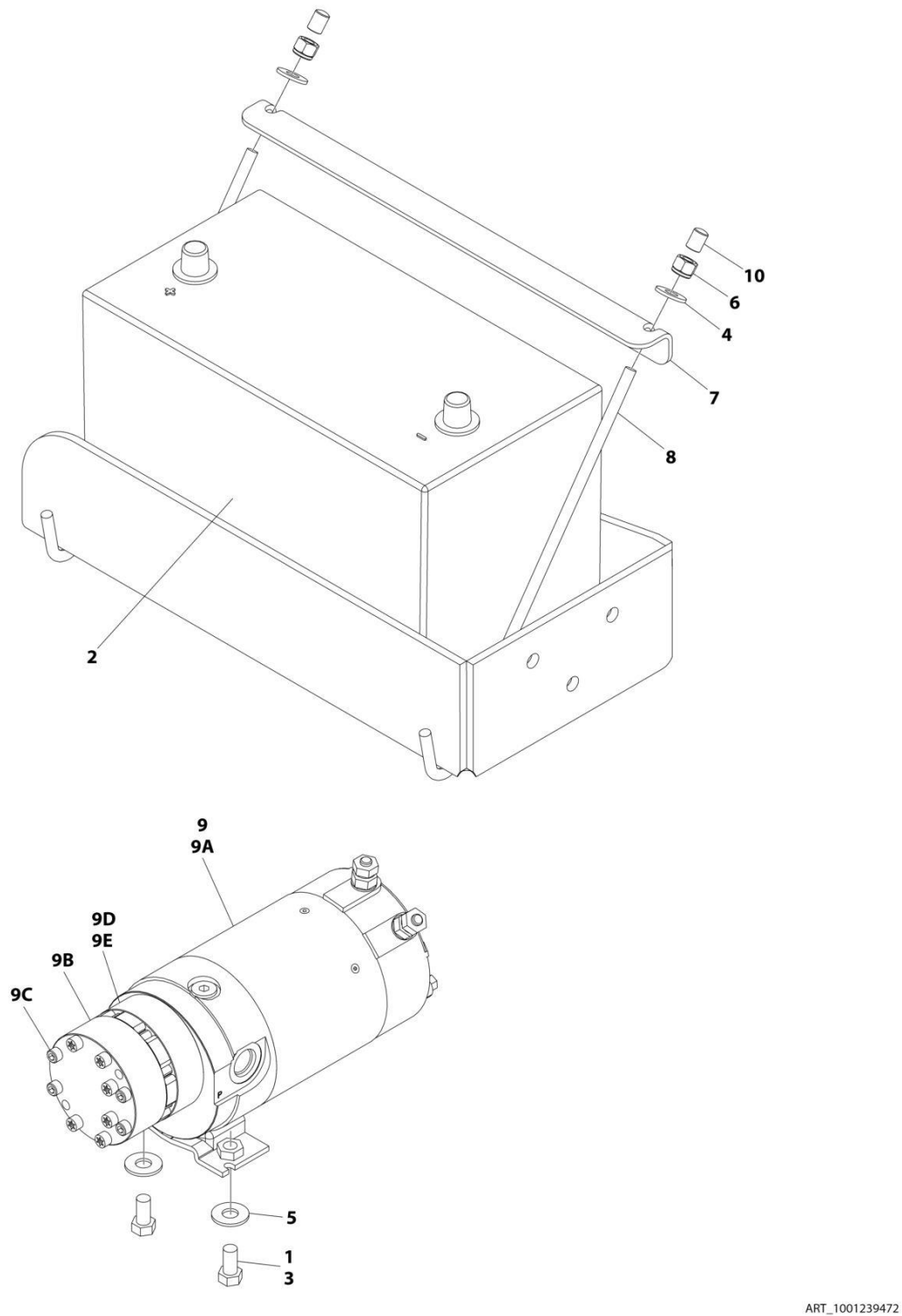


ART_1001285379

## FIGURE 2-17. HYDRAULIC TANK ASSEMBLY (47.8 GAL CAPACITY HYDRAULIC TANK)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285379 | Ref | HYDRAULIC TANK ASSEMBLY | B |
| | See Note | Ref | Note: No Service Parts Available at Time of Printing | |

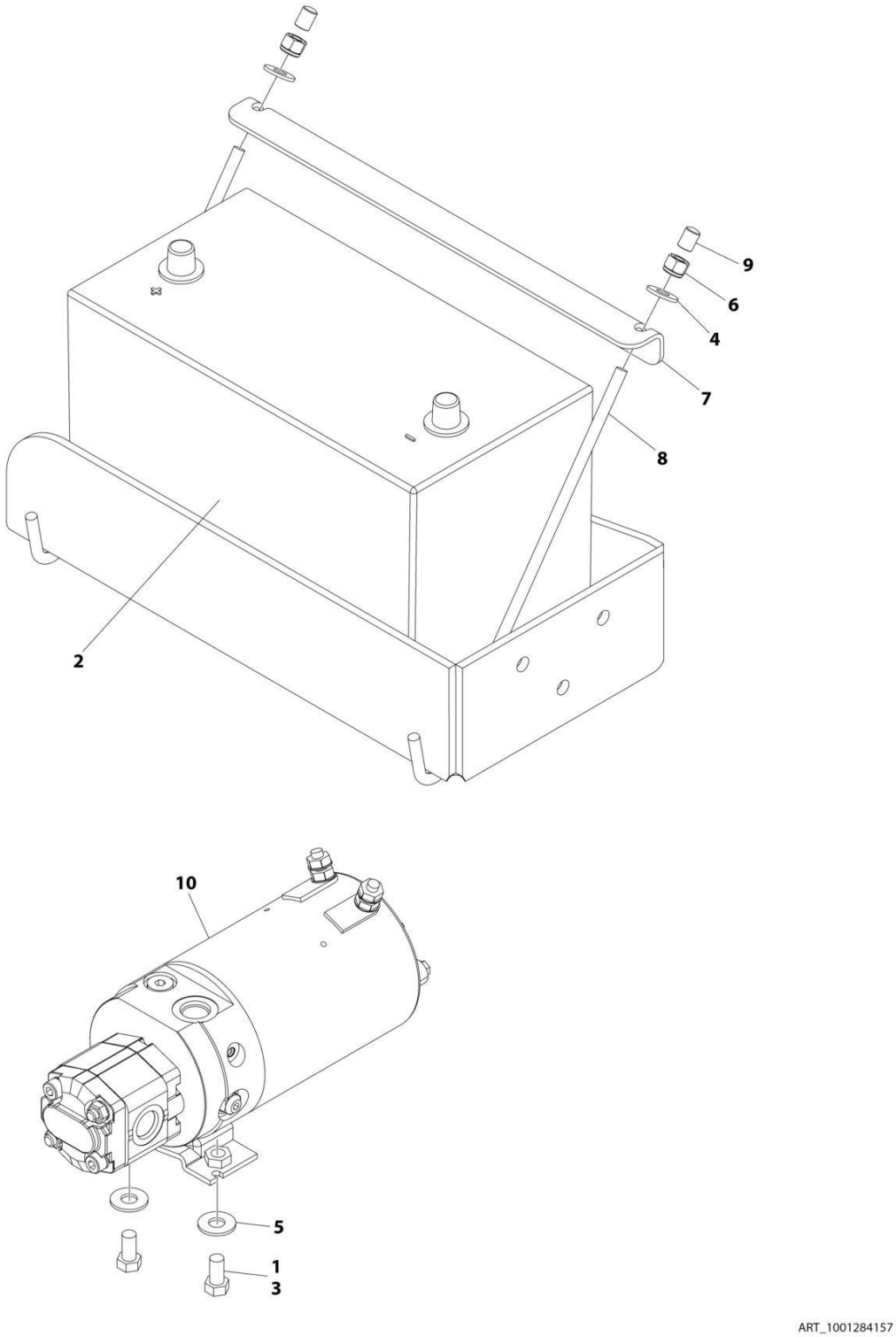
## FIGURE 2-18. AUXILIARY PUMP WITH BATTERY WITHOUT BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH 03)



## FIGURE 2-18. AUXILIARY PUMP WITH BATTERY WITHOUT BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239472 | Ref | AUXILIARY PUMP WITH BATTERY WITHOUT BATTERY DISCONNECT SWITCH INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0400075 | 1 | Battery | |
| 3 | 0641606 | 2 | Bolt 3/8 x 3/4 | |
| 4 | 4751500 | 2 | Washer 5/16 | |
| 5 | 4751600 | 2 | Washer 3/8 | |
| 6 | 88521205 | 2 | Nut 5/16 | |
| 7 | 91401281 | 1 | Hold-down, Battery | |
| 8 | 1001093382 | 2 | Bolt, Battery Hold-down | |
| 9 | 1001137459 | 1 | Auxiliary Pump Assembly | |
| 9A | 70003998 | 1 | Motor | |
| 9B | 70004266 | 1 | Pump | |
| 9C | 70001020 | 4 | Screw | |
| 9D | 70003612 | 2 | O-Ring | |
| 9E | 70004267 | 1 | O-Ring | |
| 10 | 1001218572 | 2 | Cap, Vinyl | |

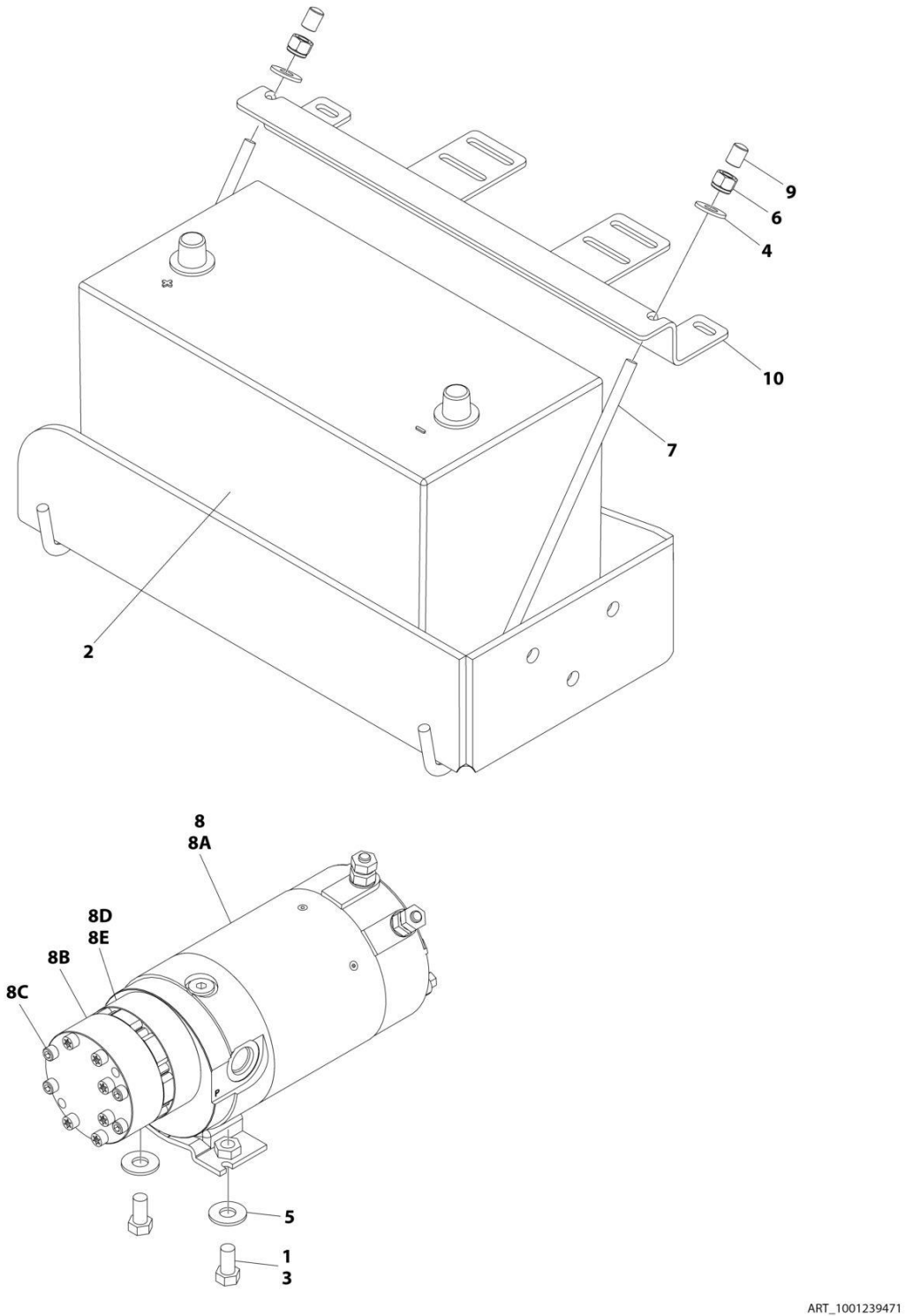
## FIGURE 2-19. AUXILIARY PUMP WITH BATTERY WITHOUT BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH B3)



## FIGURE 2-19. AUXILIARY PUMP WITH BATTERY WITHOUT BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001284157 | Ref | AUXILIARY PUMP WITHOUT BATTERY DISCONNECT SWITCH INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0400075 | 1 | Battery | |
| 3 | 0761010 | 2 | Bolt M10 x 20 | |
| 4 | 4751500 | 2 | Washer 5/16 | |
| 5 | 4812002 | 2 | Washer M10 | |
| 6 | 88521205 | 2 | Nut 5/16 | |
| 7 | 91401281 | 1 | Hold-down, Battery | |
| 8 | 1001093382 | 2 | Bolt, Battery Hold-down | |
| 9 | 1001218572 | 2 | Cap, Vinyl | |
| 10 | 1001284156 | 1 | Auxiliary Pump Assembly | |

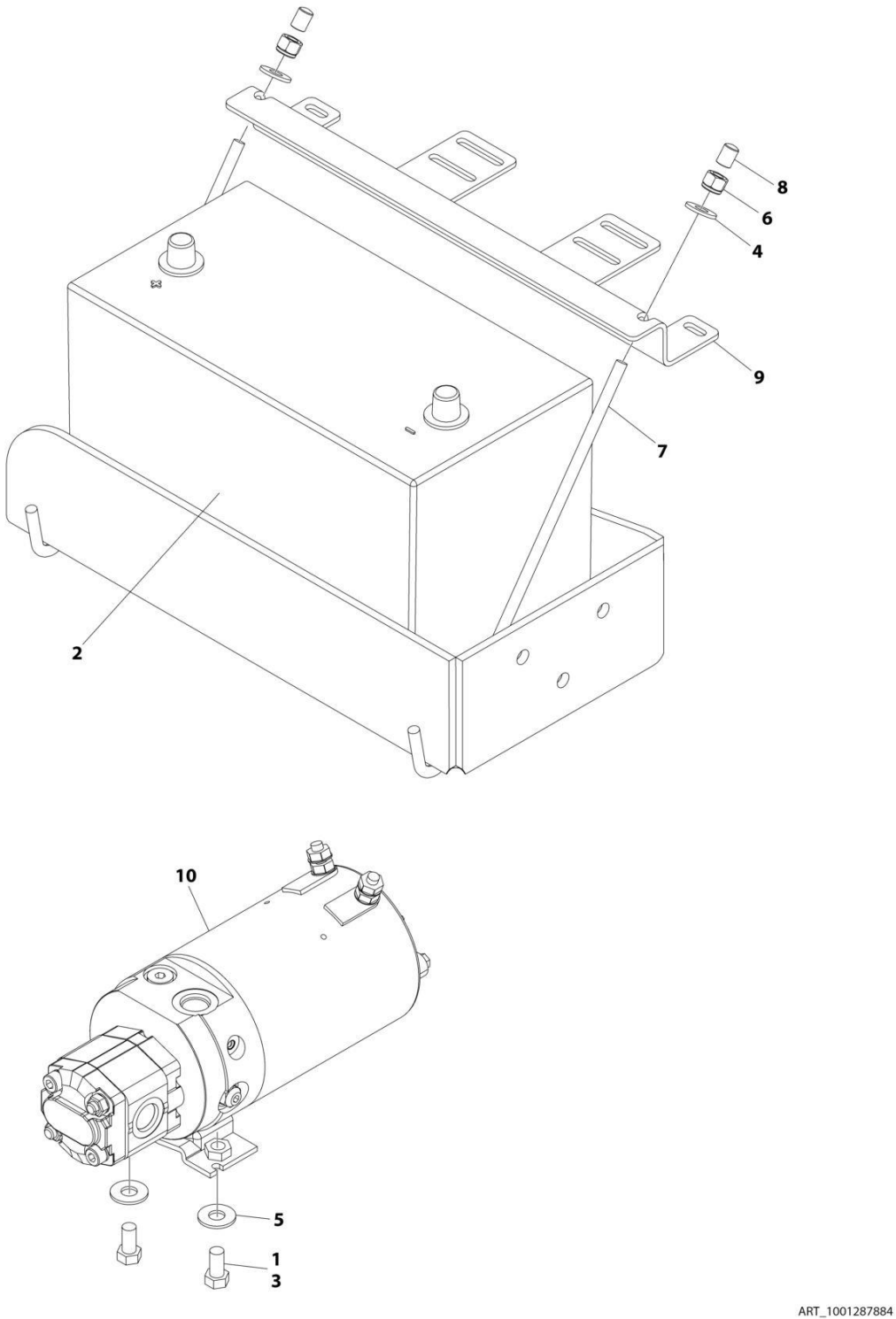
## FIGURE 2-20. AUXILIARY PUMP WITH BATTERY WITH BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH 03)



## FIGURE 2-20. AUXILIARY PUMP WITH BATTERY WITH BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239471 | Ref | AUXILIARY PUMP WITH BATTERY WITH BATTERY DISCONNECT SWITCH INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0400075 | 1 | Battery | |
| 3 | 0641606 | 2 | Bolt 3/8 x 3/4 | |
| 4 | 4751500 | 2 | Washer 5/16 | |
| 5 | 4751600 | 2 | Washer 3/8 | |
| 6 | 88521205 | 2 | Nut 5/16 | |
| 7 | 1001093382 | 2 | Bolt, Battery Hold-down | |
| 8 | 1001137459 | 1 | Auxiliary Pump Assembly | |
| 8A | 70003998 | 1 | Motor | |
| 8B | 70004266 | 1 | Pump | |
| 8C | 70001020 | 4 | Screw | |
| 8D | 70003612 | 2 | O-Ring | |
| 8E | 70004267 | 1 | O-Ring | |
| 9 | 1001218572 | 2 | Cap, Vinyl | |
| 10 | 1001236303 | 1 | Hold-down, Battery | |

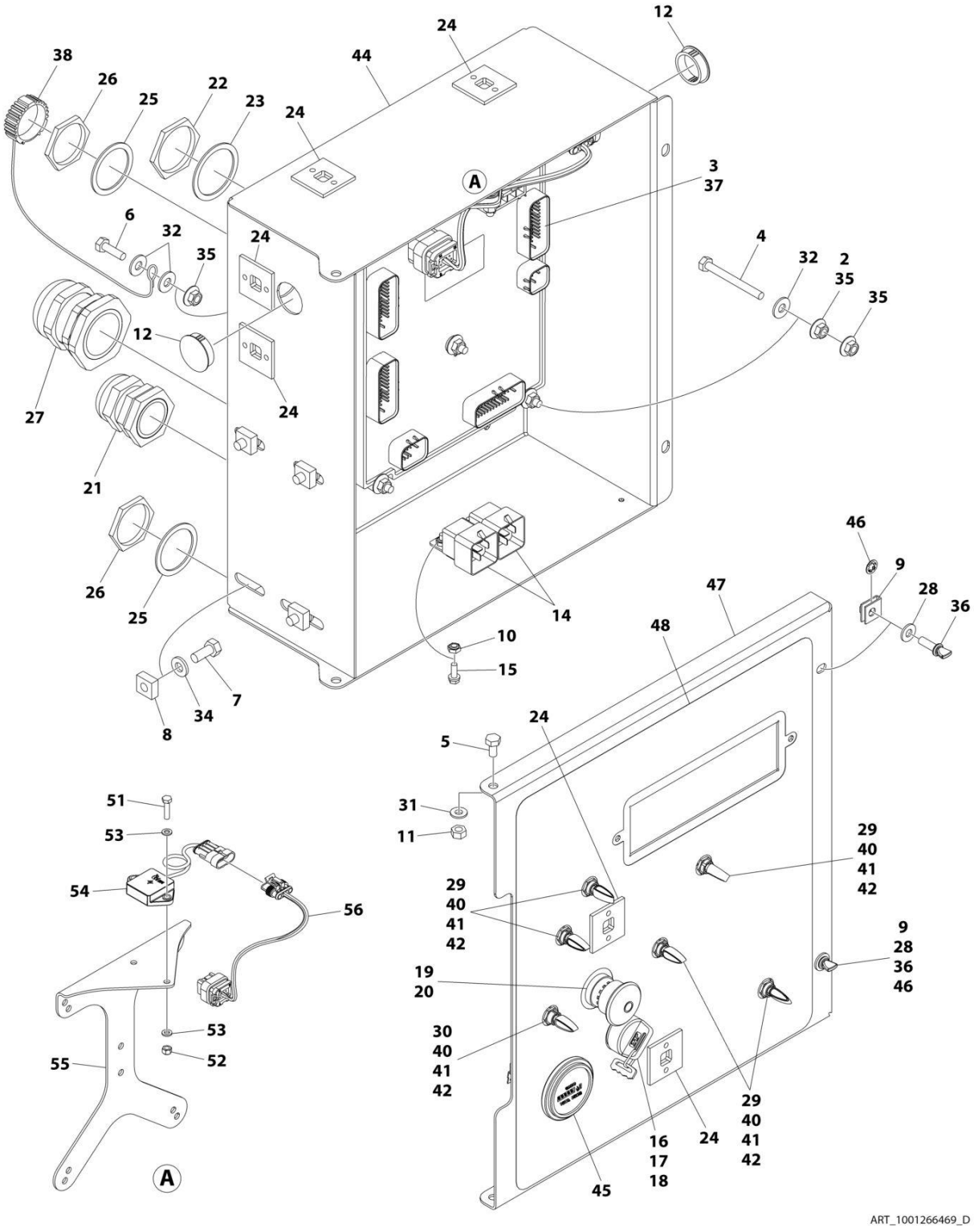
## FIGURE 2-21. AUXILIARY PUMP WITH BATTERY WITH BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH B3)



## FIGURE 2-21. AUXILIARY PUMP WITH BATTERY WITH BATTERY DISCONNECT SWITCH INSTALLATION (SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001287884 | Ref | AUXILIARY PUMP WITH BATTERY DISCONNECT SWITCH INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0400075 | 1 | Battery | |
| 3 | 0761010 | 2 | Bolt M10 x 20 | |
| 4 | 4751500 | 2 | Washer 5/16 | |
| 5 | 4812002 | 2 | Washer M10 | |
| 6 | 88521205 | 2 | Nut 5/16 | |
| 7 | 1001093382 | 2 | Bolt, Battery Hold-down | |
| 8 | 1001218572 | 2 | Cap, Vinyl | |
| 9 | 1001236303 | 1 | Hold-down, Battery | |
| 10 | 1001284156 | 1 | Auxiliary Pump Assembly | |

## FIGURE 2-22. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 - WITH MECHANICAL HOUR METER (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (800S HC3) (SN 0300298220 to Present, Including 0300295807)



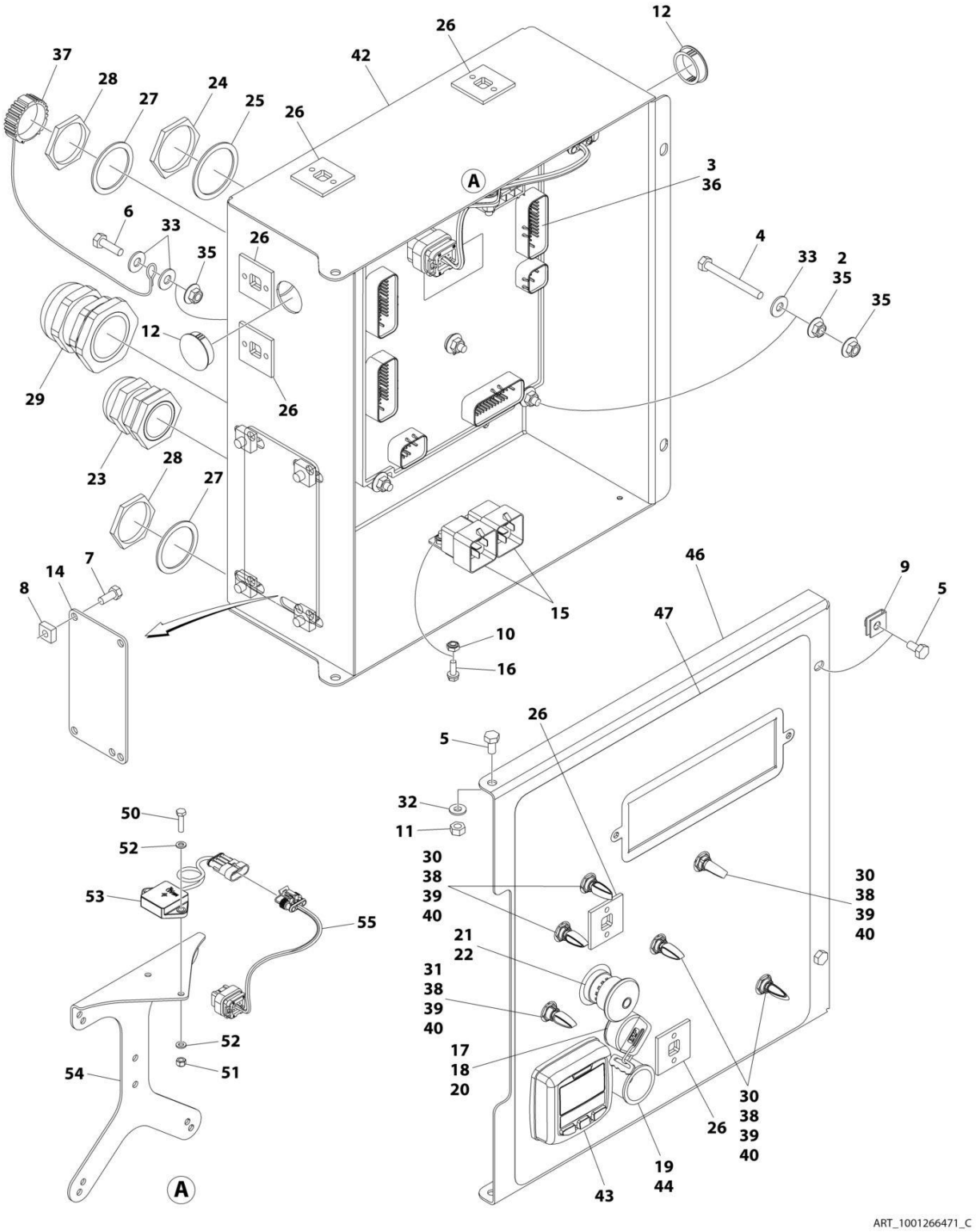
## FIGURE 2-22. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 - WITH MECHANICAL HOUR METER (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (800S HC3) (SN 0300298220 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266469 | Ref | GROUND CONTROL BOX ASSEMBLY | D |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 2 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360469 | 1 | Switch, Key | |
| 18 | 2860030 | 1 Set | Key Replacement | |
| 19 | 4360475 | 1 | Switch, Emergency Stop | |
| 19 | 7020175 | 1 | Cap, Mushroom | |
| 19 | 7020176 | 1 | Block, Contact | |
| 20 | 4360476 | 1 | Switch, Contact Block | |
| 21 | 4460426 | 1 | Connector, Strain Relief | |
| 22 | 4460470 | 1 | Nut, Terminal | |
| 23 | 4460471 | 1 | Lockwasher, Terminal | |
| 24 | 4460488 | 6 | Mounting Base, Terminal | |
| 25 | 4460496 | 2 | Washer, Terminal | |
| 26 | 4460497 | 2 | Nut, Terminal | |
| 27 | 4460526 | 1 | Connector, Strain Relief | |
| 28 | 4711400 | 2 | Washer 1/4 | |
| 29 | 4740397 | 5 | Spacer | |
| 30 | 4740444 | 1 | Washer | |
| 31 | 4740518 | 2 | Washer | |
| 32 | 4751400 | 7 | Washer 1/4 | |
| 34 | 4891500 | 4 | Washer 5/16 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001103308 | 2 | Thumbscrew 1/4 x 3/4 | |
| 37 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |
| 38 | 1001106736 | 1 | Cap, Dust | |
| 39 | 1001285515 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 40 | 1001155043 | 6 | Washer | |
| 41 | 1001155044 | 6 | Nut 15/32 | |
| 42 | 1001155045 | 6 | Switch, Toggle | |
| 43 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 44 | 1001287464 | 1 | Plate | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 45 | 10836804 | 1 | Hour Meter | |
| 46 | 1001188874 | 2 | Nut | |
| 47 | 1001280403 | 1 | Plate | |
| 48 | 1001266479 | 1 | Decal - Ground Control Box | |
| 49 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 51 | 0760612 | 2 | Bolt M6 x 25 | |
| 52 | 3290605 | 2 | Nut, Lock M6 | |
| 53 | 4811700 | 4 | Washer M6 | |
| 54 | 1001219601 | 1 | Sensor, Tilt | |
| 55 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 56 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-23. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (RUSSIA AND UK CA (LRC) SPECS) (800S HC3) (SN 0300298220 to Present, Including 0300295807)



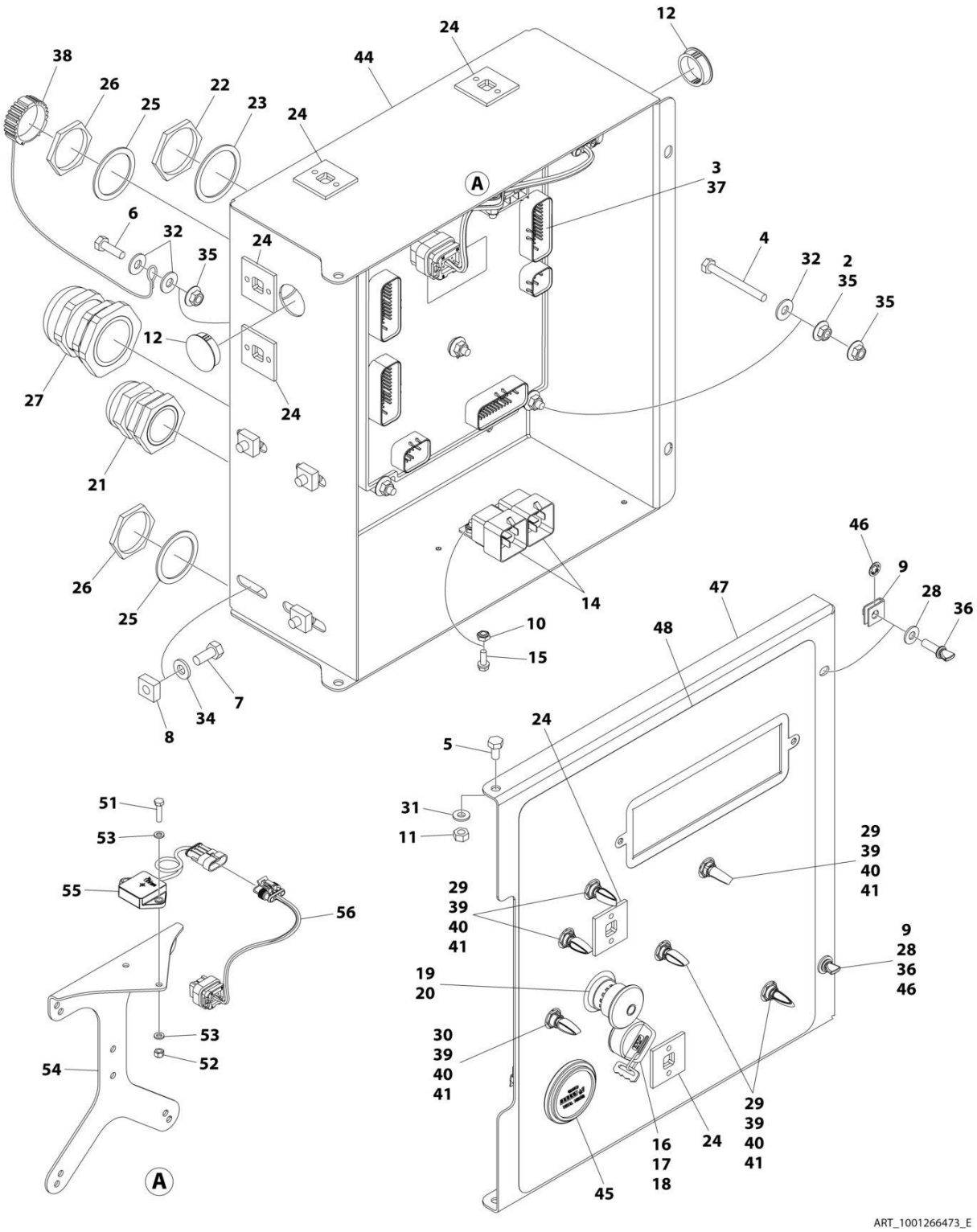
## FIGURE 2-23. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (RUSSIA AND UK CA (LRC) SPECS) (800S HC3) (SN 0300298220 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266471 | Ref | GROUND CONTROL BOX ASSEMBLY | C |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3539219 | 1 | Plate | |
| 15 | 3740049 | 2 | Relay | |
| 16 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 17 | 3910804 | 6 | Screw #8 x 1/4 | |
| 18 | 4070991 | 1 | Shim | |
| 19 | 4360387 | 1 | Switch, Push Button | |
| 20 | 4360469 | 1 | Switch, Key | |
| 20 | 2860030 | 1 Set | Key Replacement | |
| 21 | 4360475 | 1 | Switch, Emergency Stop | |
| 21 | 7020175 | 1 | Cap, Mushroom | |
| 21 | 7020176 | 1 | Block, Contact | |
| 22 | 4360476 | 1 | Switch, Contact Block | |
| 23 | 4460426 | 1 | Connector, Strain Relief | |
| 24 | 4460470 | 1 | Nut, Terminal | |
| 25 | 4460471 | 1 | Lockwasher, Terminal | |
| 26 | 4460488 | 6 | Mounting Base, Terminal | |
| 27 | 4460496 | 2 | Washer, Terminal | |
| 28 | 4460497 | 2 | Nut, Terminal | |
| 29 | 4460526 | 1 | Connector, Strain Relief | |
| 30 | 4740397 | 5 | Spacer | |
| 31 | 4740444 | 1 | Washer | |
| 32 | 4740518 | 2 | Washer | |
| 33 | 4751400 | 7 | Washer 1/4 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |
| 37 | 1001106736 | 1 | Cap, Dust | |
| 38 | 1001155043 | 6 | Washer | |
| 39 | 1001155044 | 6 | Nut 15/32 | |
| 40 | 1001155045 | 6 | Switch, Toggle | |
| 41 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 1001287464 | 1 | Plate | |
| 43 | 1001171482 | 1 | Gauge, Display | |
| 44 | 1001176469 | 1 | Shroud | |
| 45 | 1001286027 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001263353 | 1 | Plate | |
| 47 | 1001266481 | 1 | Decal - Ground Control Box | |
| 48 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 50 | 0760612 | 2 | Bolt M6 x 25 | |
| 51 | 3290605 | 2 | Nut, Lock M6 | |
| 52 | 4811700 | 4 | Washer M6 | |
| 53 | 1001219601 | 1 | Sensor, Tilt | |
| 54 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 55 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-24. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT (HRC), CSA AND JAPANESE SPECS) (800S HC3)



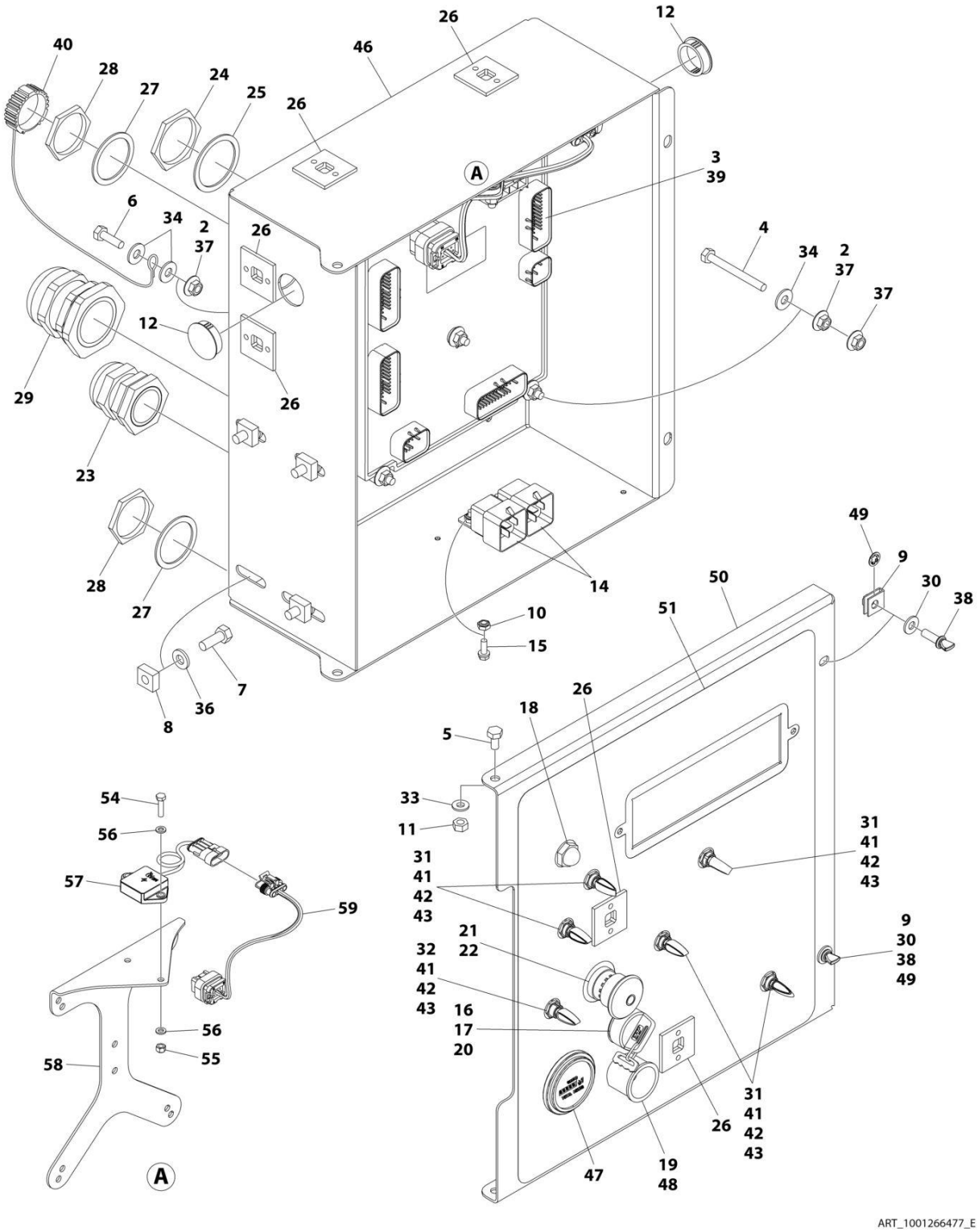
## FIGURE 2-24. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT (HRC), CSA AND JAPANESE SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266473 | Ref | GROUND CONTROL BOX ASSEMBLY | E |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 2 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360469 | 1 | Switch, Key | |
| 18 | 2860030 | 1 Set | Key Replacement | |
| 19 | 1001274559 | 1 | Switch, Emergency Stop | |
| 20 | 4360476 | 1 | Switch, Contact Block | |
| 21 | 4460426 | 1 | Connector, Strain Relief | |
| 22 | 4460470 | 1 | Nut, Terminal | |
| 23 | 4460471 | 1 | Lockwasher, Terminal | |
| 24 | 4460488 | 6 | Mounting Base, Terminal | |
| 25 | 4460496 | 2 | Washer, Terminal | |
| 26 | 4460497 | 2 | Nut, Terminal | |
| 27 | 4460526 | 1 | Connector, Strain Relief | |
| 28 | 4711400 | 2 | Washer 1/4 | |
| 29 | 4740397 | 5 | Spacer | |
| 30 | 4740444 | 1 | Washer | |
| 31 | 4740518 | 2 | Washer | |
| 32 | 4751400 | 7 | Washer 1/4 | |
| 34 | 4891500 | 4 | Washer 5/16 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001103308 | 2 | Thumbscrew 1/4 x 3/4 | |
| 37 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |
| 38 | 1001106736 | 1 | Cap, Dust | |
| 39 | 1001155043 | 6 | Washer | |
| 40 | 1001155044 | 6 | Nut 15/32 | |
| 41 | 1001155045 | 6 | Switch, Toggle | |
| 42 | 1001295732 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 44 | 1001287464 | 1 | Plate | |
| 45 | 10836804 | 1 | Hour Meter | |
| 46 | 1001188874 | 2 | Nut | |
| 47 | 1001280403 | 1 | Plate | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 1001266479 | 1 | Decal - Ground Control Box | |
| 49 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 51 | 0760612 | 2 | Bolt M6 x 25 | |
| 52 | 3290605 | 2 | Nut M6 | |
| 53 | 4811700 | 4 | Washer M6 | |
| 54 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 55 | 1001219601 | 1 | Sensor, Tilt | |
| 56 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-25. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) (CE & UK CA SPECS) (800S HC3)



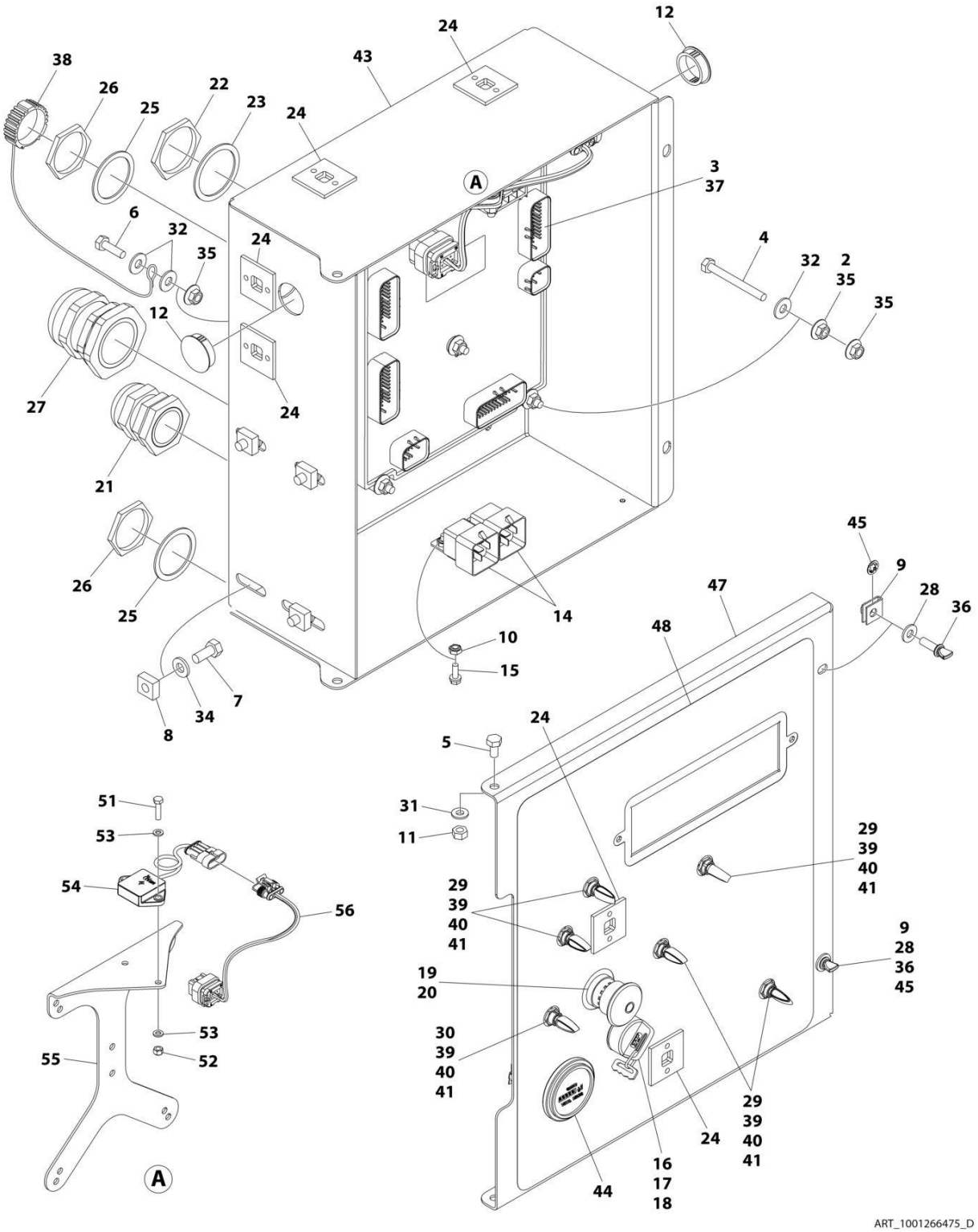
## FIGURE 2-25. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) (CE & UK CA SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266477 | Ref | GROUND CONTROL BOX ASSEMBLY | E |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 2 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641507 | 4 | Bolt 5/16 x 7/8 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360274 | 1 | Switch, Push Button | |
| 19 | 4360387 | 1 | Switch, Push Button | |
| 20 | 4360469 | 1 | Switch, Key | |
| 20 | 2860030 | 1 Set | Key Replacement | |
| 21 | 1001274559 | 1 | Switch, Emergency Stop | |
| 22 | 4360476 | 1 | Switch, Contact Block | |
| 23 | 4460426 | 1 | Connector, Strain Relief | |
| 24 | 4460470 | 1 | Nut, Terminal | |
| 25 | 4460471 | 1 | Lockwasher, Terminal | |
| 26 | 4460488 | 6 | Mounting Base, Terminal | |
| 27 | 4460496 | 2 | Washer, Terminal | |
| 28 | 4460497 | 2 | Nut, Terminal | |
| 29 | 4460526 | 1 | Connector, Strain Relief | |
| 30 | 4711400 | 2 | Washer 1/4 | |
| 31 | 4740397 | 5 | Spacer | |
| 32 | 4740444 | 1 | Washer | |
| 33 | 4740518 | 2 | Washer | |
| 34 | 4751400 | 7 | Washer 1/4 | |
| 36 | 4891500 | 4 | Washer 5/16 | |
| 37 | 77143013 | 11 | Nut 1/4 | |
| 38 | 1001103308 | 2 | Thumbscrew 1/4 x 3/4 | |
| 39 | 1001280600 | 1 | Module, Ground Control (Note: Re-calibration Required When Replaced) | |
| 40 | 1001106736 | 1 | Cap, Dust | |
| 41 | 1001155043 | 6 | Washer | |
| 42 | 1001155044 | 6 | Nut 15/32 | |
| 43 | 1001155045 | 6 | Switch, Toggle | |
| 44 | 1001295732 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 45 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 46 | 1001287464 | 1 | Plate | |
| 47 | 10836804 | 1 | Gauge, Display | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 1001176469 | 1 | Shroud | |
| 49 | 1001188874 | 2 | Nut | |
| 50 | 1001297391 | 1 | Plate | |
| 51 | 1001266483 | 1 | Decal - Ground Control Box | |
| 52 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 54 | 0760612 | 2 | Bolt M6 x 25 | |
| 55 | 3290605 | 2 | Nut, Lock M6 | |
| 56 | 4811700 | 4 | Washer M6 | |
| 57 | 1001219601 | 1 | Sensor, Tilt | |
| 58 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 59 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-26. GROUND CONTROL BOX ASSEMBLY - WITH FORD DF 2.5L - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT, AUSTRAILIAN AND CSA SPECS) (800S HC3) (SN 0300298220 to Present, Including 0300295807)



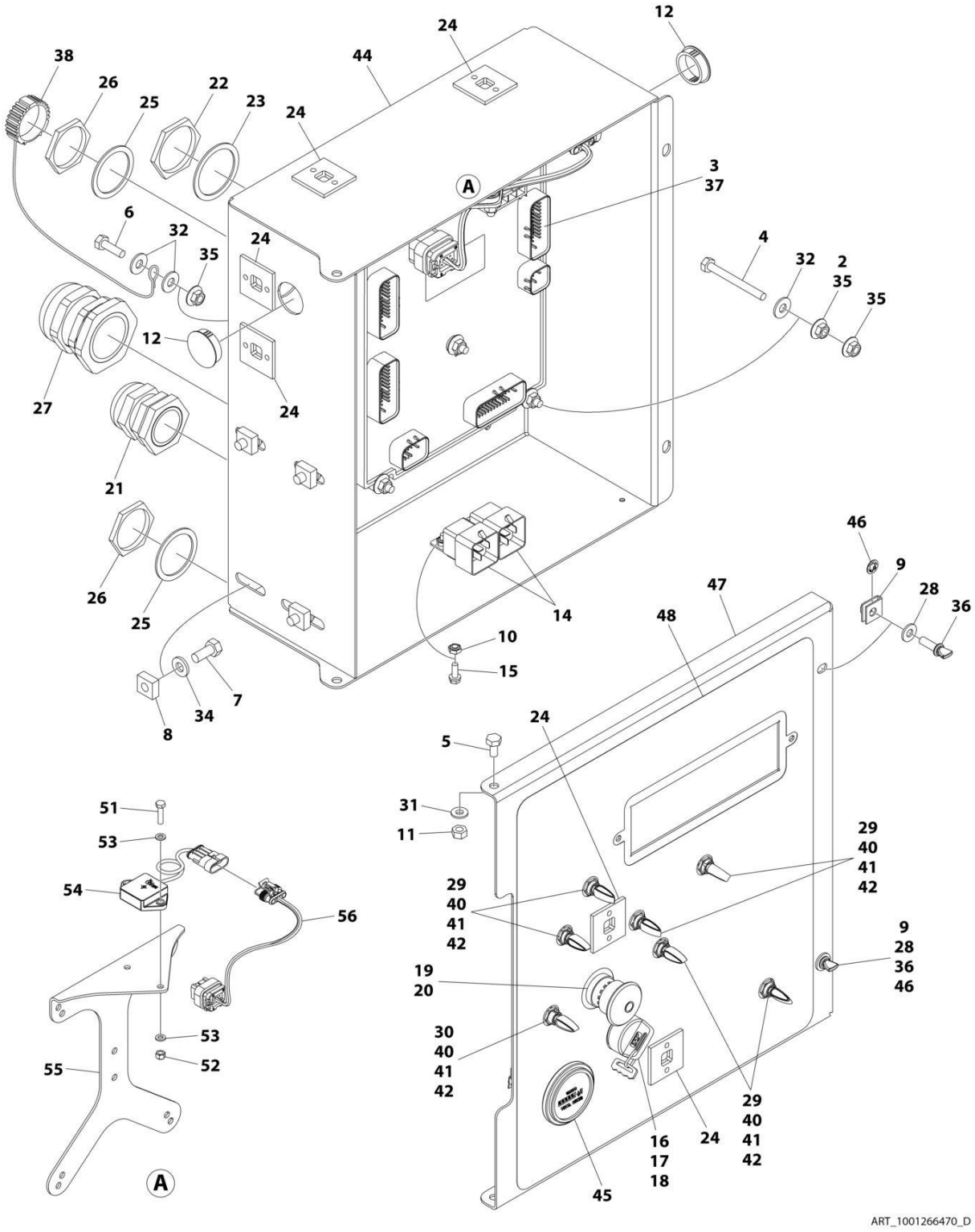
## FIGURE 2-26. GROUND CONTROL BOX ASSEMBLY - WITH FORD DF 2.5L - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT, AUSTRAILIAN AND CSA SPECS) (800S HC3) (SN 0300298220 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266475 | Ref | GROUND CONTROL BOX ASSEMBLY | D |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 2 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360469 | 1 | Switch, Key | |
| 18 | 2860030 | 1 Set | Key Replacement | |
| 19 | 4360475 | 1 | Switch, Emergency Stop | |
| 19 | 7020175 | 1 | Cap, Mushroom | |
| 19 | 7020176 | 1 | Block, Contact | |
| 20 | 4360476 | 1 | Switch, Contact Block | |
| 21 | 4460426 | 1 | Connector, Strain Relief | |
| 22 | 4460470 | 1 | Nut, Terminal | |
| 23 | 4460471 | 1 | Lockwasher, Terminal | |
| 24 | 4460488 | 6 | Mounting Base, Terminal | |
| 25 | 4460496 | 2 | Washer, Terminal | |
| 26 | 4460497 | 2 | Nut, Terminal | |
| 27 | 4460526 | 1 | Connector, Strain Relief | |
| 28 | 4711400 | 2 | Washer 1/4 | |
| 29 | 4740397 | 5 | Spacer | |
| 30 | 4740444 | 1 | Washer | |
| 31 | 4740518 | 2 | Washer | |
| 32 | 4751400 | 7 | Washer 1/4 | |
| 34 | 4891500 | 4 | Washer 5/16 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001103308 | 2 | Thumbscrew 1/4 x 3/4 | |
| 37 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |
| 38 | 1001106736 | 1 | Cap, Dust | |
| 39 | 1001155043 | 6 | Washer | |
| 40 | 1001155044 | 6 | Nut 15/32 | |
| 41 | 1001155045 | 6 | Switch, Toggle | |
| 42 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001287464 | 1 | Plate | |
| 44 | 10836804 | 1 | Hour Meter | |
| 45 | 1001188874 | 2 | Nut | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001286028 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 47 | 1001280403 | 1 | Plate | |
| 48 | 1001266479 | 1 | Decal - Ground Control Box | |
| 49 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 51 | 0760612 | 2 | Bolt M6 x 25 | |
| 52 | 3290605 | 2 | Nut, Lock M6 | |
| 53 | 4811700 | 4 | Washer M6 | |
| 54 | 1001219601 | 1 | Sensor, Tilt | |
| 55 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 56 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-27. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 - WITH MECHANICAL HOUR METER (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (860SJ HC3) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)



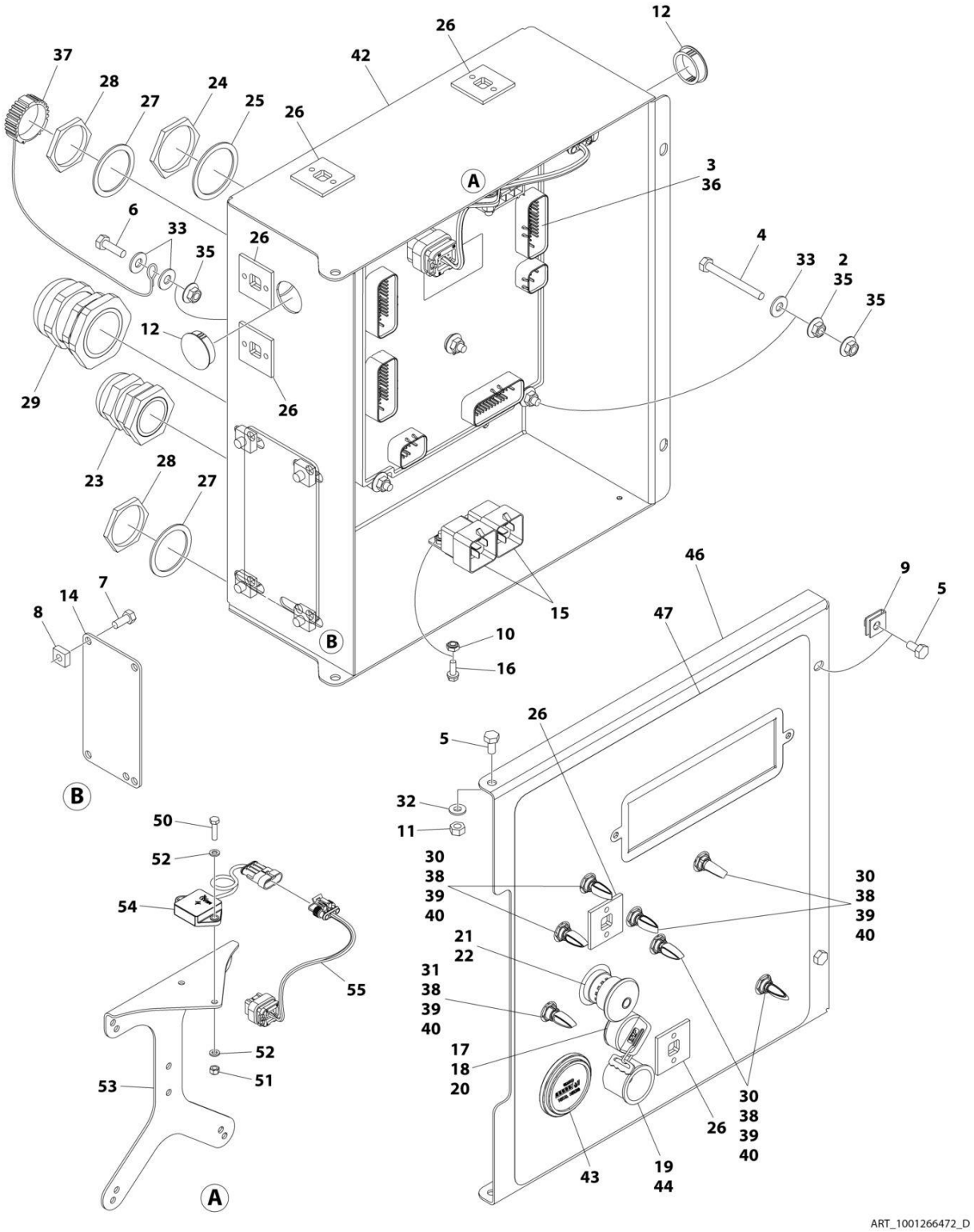
## FIGURE 2-27. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 - WITH MECHANICAL HOUR METER (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (860SJ HC3) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266470 | Ref | GROUND CONTROL BOX ASSEMBLY | D |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 2 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360469 | 1 | Switch, Key | |
| 18 | 2860030 | 1 Set | Key Replacement | |
| 19 | 4360475 | 1 | Switch, Emergency Stop | |
| 19 | 7020175 | 1 | Cap, Mushroom | |
| 19 | 7020176 | 1 | Block, Contact | |
| 20 | 4360476 | 1 | Switch, Contact Block | |
| 21 | 4460426 | 1 | Connector, Strain Relief | |
| 22 | 4460470 | 1 | Nut, Terminal | |
| 23 | 4460471 | 1 | Lockwasher, Terminal | |
| 24 | 4460488 | 6 | Mounting Base, Terminal | |
| 25 | 4460496 | 2 | Washer, Terminal | |
| 26 | 4460497 | 2 | Nut, Terminal | |
| 27 | 4460526 | 1 | Connector, Strain Relief | |
| 28 | 4711400 | 2 | Washer 1/4 | |
| 29 | 4740397 | 6 | Spacer | |
| 30 | 4740444 | 1 | Washer | |
| 31 | 4740518 | 2 | Washer | |
| 32 | 4751400 | 7 | Washer 1/4 | |
| 34 | 4891500 | 4 | Washer 5/16 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001103308 | 2 | Thumbscrew 1/4 x 3/4 | |
| 37 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |
| 38 | 1001106736 | 1 | Cap, Dust | |
| 39 | 1001285515 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 40 | 1001155043 | 7 | Washer | |
| 41 | 1001155044 | 7 | Nut 15/32 | |
| 42 | 1001155045 | 7 | Switch, Toggle | |
| 43 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 44 | 1001287464 | 1 | Plate | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 45 | 10836804 | 1 | Hour Meter | |
| 46 | 1001188874 | 2 | Nut | |
| 47 | 1001280403 | 1 | Plate | |
| 48 | 1001266480 | 1 | Decal - Ground Control Box | |
| 49 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 51 | 0760612 | 2 | Bolt M6 x 25 | |
| 52 | 3290605 | 2 | Nut, Lock M6 | |
| 53 | 4811700 | 4 | Washer M6 | |
| 54 | 1001219601 | 1 | Sensor, Tilt | |
| 55 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 56 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-28. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (CE, RUSSIA & UK CA SPECS) (860SJ HC3)



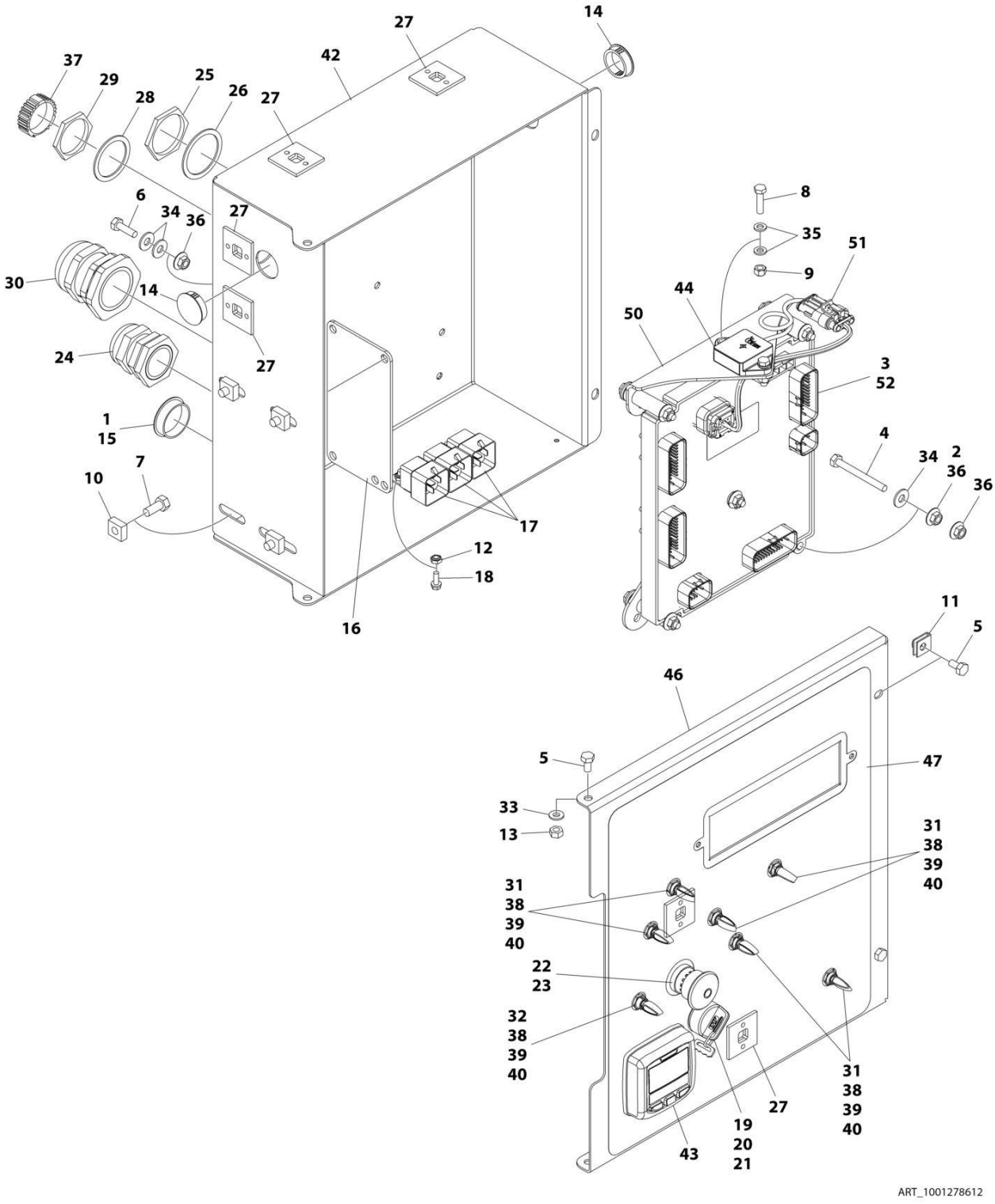
## FIGURE 2-28. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (CE, RUSSIA & UK CA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266472 | Ref | GROUND CONTROL BOX ASSEMBLY | D |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3539219 | 1 | Plate | |
| 15 | 3740049 | 2 | Relay | |
| 16 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 17 | 3910804 | 6 | Screw #8 x 1/4 | |
| 18 | 4070991 | 1 | Shim | |
| 19 | 4360387 | 1 | Switch, Push Button | |
| 20 | 4360469 | 1 | Switch, Key | |
| 20 | 2860030 | 1 Set | Key Replacement | |
| 21 | 4360475 | 1 | Switch, Emergency Stop | |
| 21 | 7020175 | 1 | Cap, Mushroom | |
| 21 | 7020176 | 1 | Block, Contact | |
| 22 | 4360476 | 1 | Switch, Contact Block | |
| 23 | 4460426 | 1 | Connector, Strain Relief | |
| 24 | 4460470 | 1 | Nut, Terminal | |
| 25 | 4460471 | 1 | Lockwasher, Terminal | |
| 26 | 4460488 | 6 | Mounting Base, Terminal | |
| 27 | 4460496 | 2 | Washer, Terminal | |
| 28 | 4460497 | 2 | Nut, Terminal | |
| 29 | 4460526 | 1 | Connector, Strain Relief | |
| 30 | 4740397 | 6 | Spacer | |
| 31 | 4740444 | 1 | Washer | |
| 32 | 4740518 | 2 | Washer | |
| 33 | 4751400 | 7 | Washer 1/4 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |
| 37 | 1001106736 | 1 | Cap, Dust | |
| 38 | 1001155043 | 7 | Washer | |
| 39 | 1001155044 | 7 | Nut 15/32 | |
| 40 | 1001155045 | 7 | Switch, Toggle | |
| 41 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 1001287464 | 1 | Plate | |
| 43 | 10836804 | 1 | Gauge, Display | |
| 44 | 1001176469 | 1 | Shroud | |
| 45 | 1001286027 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001297391 | 1 | Plate | |
| 47 | 1001266482 | 1 | Decal - Ground Control Box | |
| 48 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 50 | 0760612 | 2 | Bolt M6 x 25 | |
| 51 | 3290605 | 2 | Nut, Lock M6 | |
| 52 | 4811700 | 4 | Washer M6 | |
| 53 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 54 | 1001219601 | 1 | Sensor, Tilt | |
| 55 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-29. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (HIGH TEMP MARKETS) (ANSI EXPORT (LRC), UK CA (LRC) & AUSTRALIAN SPECS) (860SJ HC3) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)



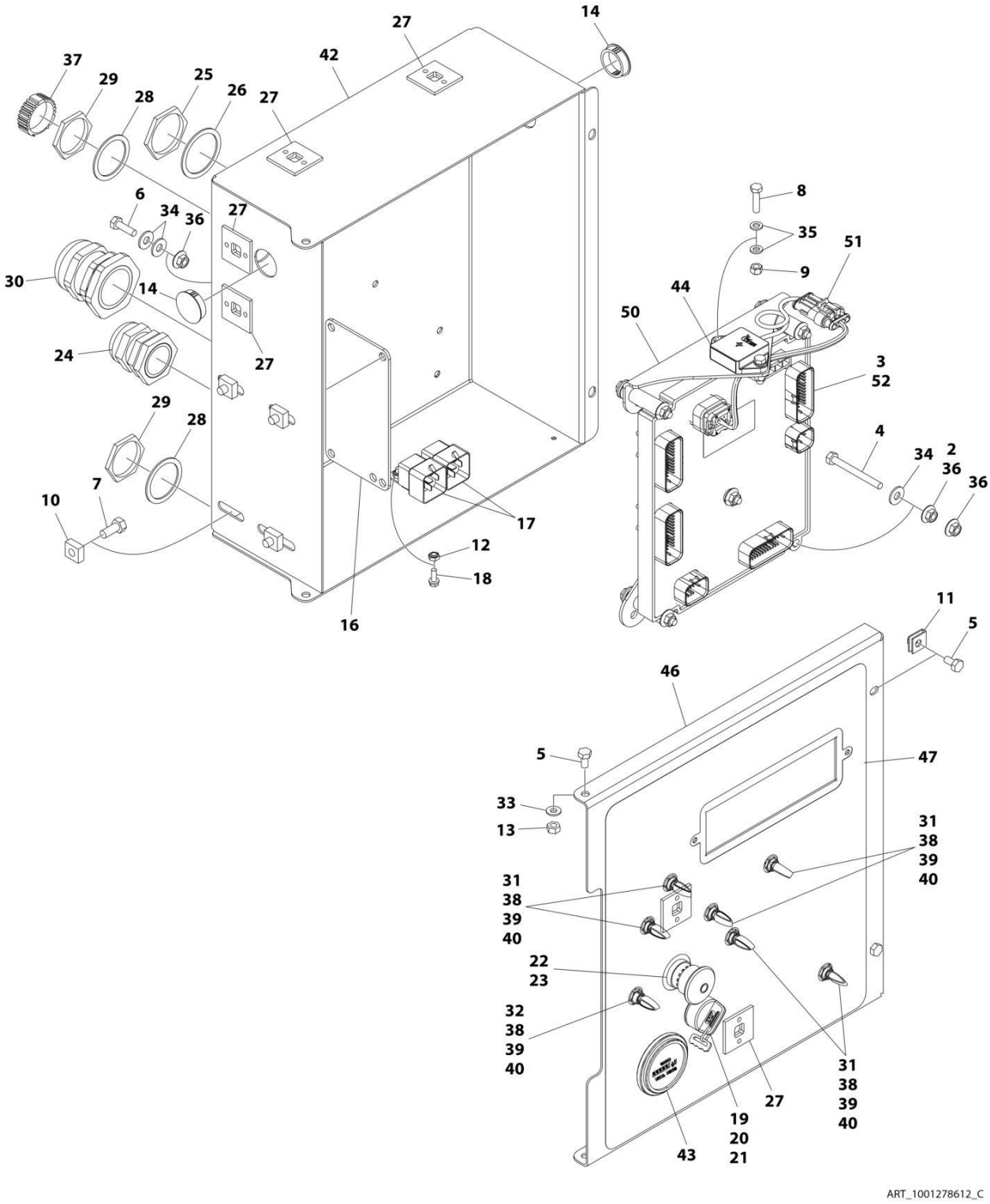
## FIGURE 2-29. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (HIGH TEMP MARKETS) (ANSI EXPORT (LRC), UK CA (LRC) & AUSTRALIAN SPECS) (860SJ HC3) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001278612 | Ref | GROUND CONTROL BOX ASSEMBLY | A |
| 1 | 0100009 | AR | Sealant | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 Tap | |
| 5 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 0760612 | 2 | Bolt M6 x 25 | |
| 9 | 3290605 | 2 | Nut, Lock M6 | |
| 10 | 3300205 | 4 | Nut, Retainer | |
| 11 | 3300353 | 2 | Nut, Tinnerman | |
| 12 | 3300408 | 3 | Nut, Plastic Insert | |
| 13 | 3311405 | 2 | Nut 1/4 | |
| 14 | 3520031 | 2 | Plug | |
| 15 | 3520035 | 1 | Plug, Cap | |
| 16 | 3539219 | 1 | Plate, Reinforcement | |
| 17 | 3740049 | 3 | Relay | |
| 18 | 3900268 | 3 | Bolt #10 x 1/2 | |
| 19 | 3910804 | 6 | Bolt #8 x 1/4 | |
| 20 | 4070991 | 1 | Shim | |
| 21 | 4360469 | 1 | Switch, Key | |
| 22 | 4360475 | 1 | Switch, Emergency Stop | |
| 22 | 7020175 | 1 | Cap, Mushroom | |
| 22 | 7020176 | 1 | Block, Contact | |
| 23 | 4360476 | 1 | Switch, Contact Block | |
| 24 | 4460426 | 1 | Connector, Strain Relief | |
| 25 | 4460470 | 1 | Nut, Terminal | |
| 26 | 4460471 | 1 | Washer, Terminal | |
| 27 | 4460488 | 6 | Mounting Base, Terminal | |
| 28 | 4460496 | 1 | Washer, Terminal | |
| 29 | 4460497 | 1 | Nut, Terminal | |
| 30 | 4460526 | 1 | Connector, Strain Relief | |
| 31 | 4740397 | 6 | Spacer | |
| 32 | 4740444 | 1 | Washer | |
| 33 | 4740518 | 2 | Washer | |
| 34 | 4751400 | 7 | Washer 1/4 | |
| 35 | 4811700 | 4 | Washer M6 | |
| 36 | 77143013 | 11 | Nut 1/4 | |
| 37 | 1001106736 | 1 | Cap, Dust | |
| 38 | 1001155043 | 7 | Washer | |
| 39 | 1001155044 | 7 | Nut 15/32 | |
| 40 | 1001155045 | 7 | Switch, Toggle | |
| 41 | 1001168024 | 1 | Harness, Platform Valve (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 1001169234 | 1 | Box Less Lid | |
| 43 | 1001171482 | 1 | Gauge, Display | |
| 44 | 1001219601 | 1 | Sensor, Tilt | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 45 | 1001243559 | 1 | Harness, Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 46 | 1001263352 | 1 | Panel, Cover | |
| 47 | 1001266480 | 1 | Decal, MTB | |
| 48 | 1001266628 | 1 | Harness, MTB (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 49 | 1001266719 | 1 | Wire, MTB (Not Shown) | |
| 50 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 51 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |
| 52 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |

## FIGURE 2-30. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (HIGH TEMP MARKETS) (ANSI EXPORT (LRC), UK CA (LRC) & AUSTRALIAN SPECS) (860SJ HC3)



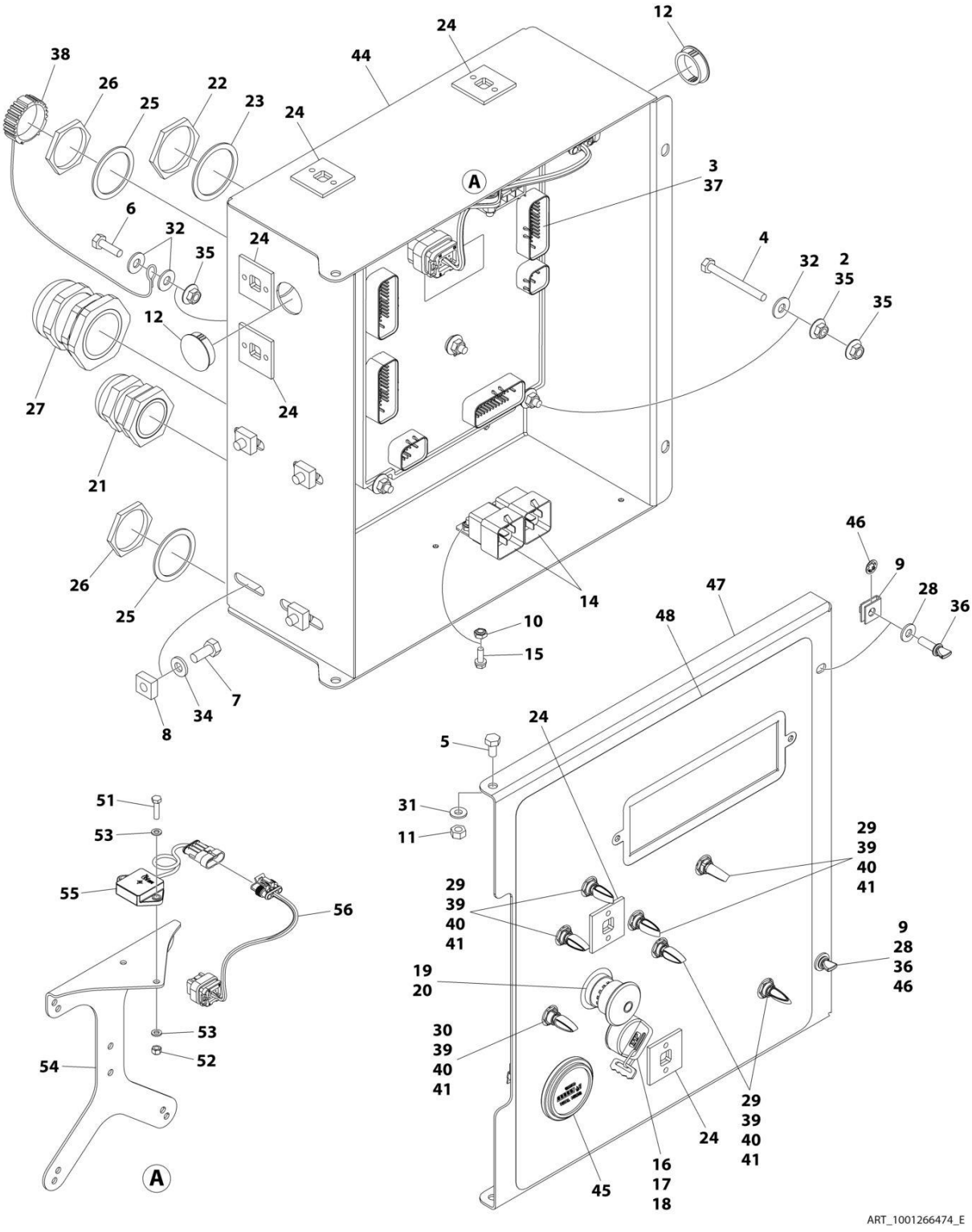
## FIGURE 2-30. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ D2011 (HIGH TEMP MARKETS) (ANSI EXPORT (LRC), UK CA (LRC) & AUSTRALIAN SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001278612 | Ref | GROUND CONTROL BOX ASSEMBLY | C |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 Tap | |
| 5 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 0760612 | 2 | Bolt M6 x 25 | |
| 9 | 3290605 | 2 | Nut, Lock M6 | |
| 10 | 3300205 | 4 | Nut, Retainer | |
| 11 | 3300353 | 2 | Nut, Tinnerman | |
| 12 | 3300408 | 2 | Nut, Plastic Insert | |
| 13 | 3311405 | 2 | Nut 1/4 | |
| 14 | 3520031 | 2 | Plug | |
| 16 | 3539219 | 1 | Plate, Reinforcement | |
| 17 | 3740049 | 2 | Relay | |
| 18 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 19 | 3910804 | 6 | Bolt #8 x 1/4 | |
| 20 | 4070991 | 1 | Shim | |
| 21 | 4360469 | 1 | Switch, Key | |
| 22 | 4360475 | 1 | Switch, Emergency Stop | |
| 22 | 7020175 | 1 | Cap, Mushroom | |
| 22 | 7020176 | 1 | Block, Contact | |
| 23 | 4360476 | 1 | Switch, Contact Block | |
| 24 | 4460426 | 1 | Connector, Strain Relief | |
| 25 | 4460470 | 1 | Nut, Terminal | |
| 26 | 4460471 | 1 | Washer, Terminal | |
| 27 | 4460488 | 6 | Mounting Base, Terminal | |
| 28 | 4460496 | 2 | Washer, Terminal | |
| 29 | 4460497 | 2 | Nut, Terminal | |
| 30 | 4460526 | 1 | Connector, Strain Relief | |
| 31 | 4740397 | 6 | Spacer | |
| 32 | 4740444 | 1 | Washer | |
| 33 | 4740518 | 2 | Washer | |
| 34 | 4751400 | 7 | Washer 1/4 | |
| 35 | 4811700 | 4 | Washer M6 | |
| 36 | 77143013 | 11 | Nut 1/4 | |
| 37 | 1001106736 | 1 | Cap, Dust | |
| 38 | 1001155043 | 7 | Washer | |
| 39 | 1001155044 | 7 | Nut 15/32 | |
| 40 | 1001155045 | 7 | Switch, Toggle | |
| 41 | 1001284973 | 1 | Harness, Platform Valve (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 1001287464 | 1 | Box Less Lid | |
| 43 | 10836804 | 1 | Gauge, Display | |
| 44 | 1001219601 | 1 | Sensor, Tilt | |
| 45 | 1001286027 | 1 | Harness, Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 46 | 1001280403 | 1 | Plate | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 47 | 1001266480 | 1 | Decal, MTB | |
| 48 | 1001285346 | 1 | Harness, MTB (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 49 | 1001285800 | 1 | Wire, MTB (Not Shown) | |
| 50 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 51 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |
| 52 | 1001280600 | 1 | Module, Ground Control (Note: Re-calibration Required When Replaced) | |

## FIGURE 2-31. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT (HRC), CSA, RUSSIA, JAPANESE AND CHINA SPECS) (860SJ HC3)



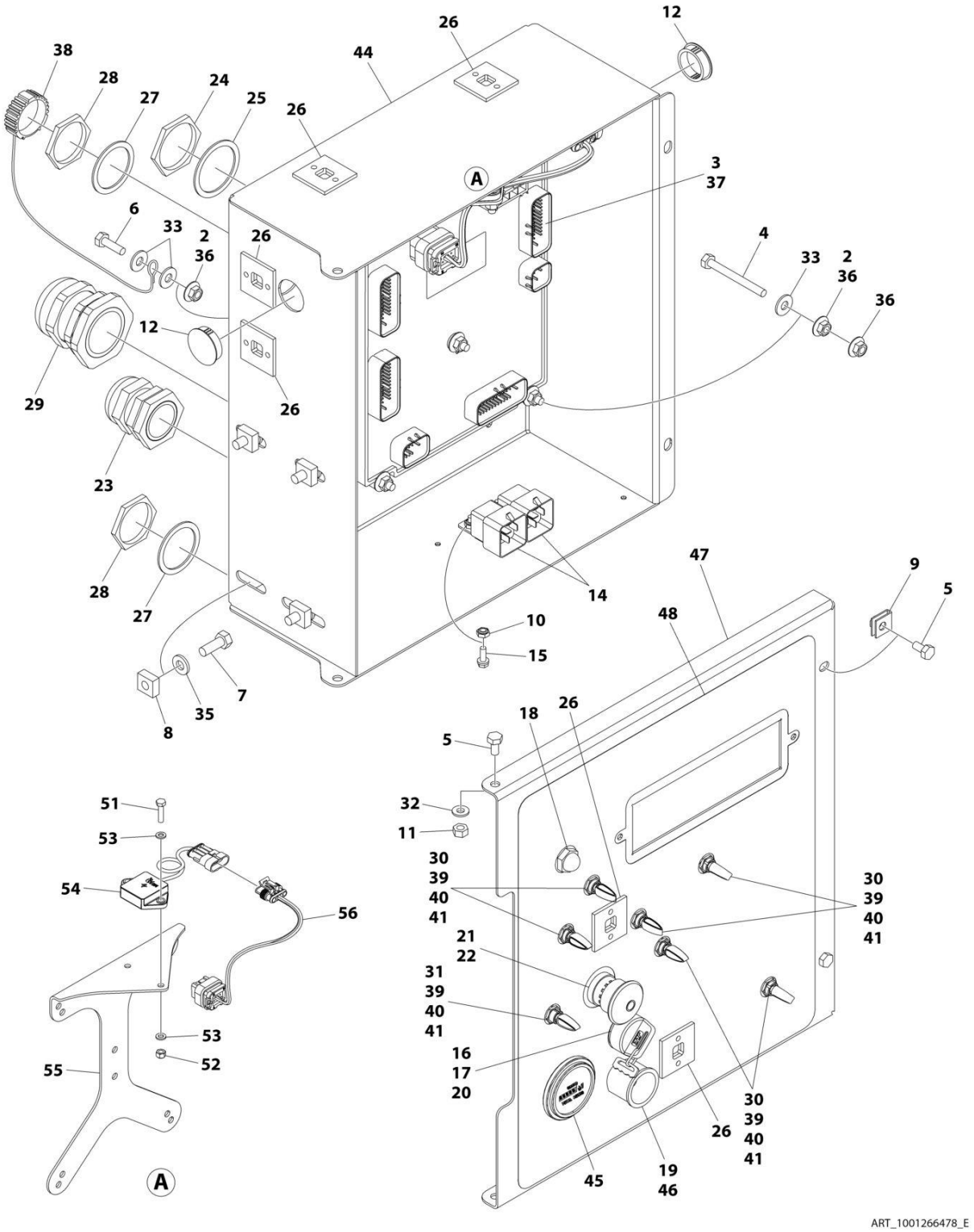
## FIGURE 2-31. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT (HRC), CSA, RUSSIA, JAPANESE AND CHINA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266474 | Ref | GROUND CONTROL BOX ASSEMBLY | E |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 2 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360469 | 1 | Switch, Key | |
| 18 | 2860030 | 1 Set | Key Replacement | |
| 19 | 1001274559 | 1 | Switch, Emergency Stop | |
| 20 | 4360476 | 1 | Switch, Contact Block | |
| 21 | 4460426 | 1 | Connector, Strain Relief | |
| 22 | 4460470 | 1 | Nut, Terminal | |
| 23 | 4460471 | 1 | Lockwasher, Terminal | |
| 24 | 4460488 | 6 | Mounting Base, Terminal | |
| 25 | 4460496 | 2 | Washer, Terminal | |
| 26 | 4460497 | 2 | Nut, Terminal | |
| 27 | 4460526 | 1 | Connector, Strain Relief | |
| 28 | 4711400 | 2 | Washer 1/4 | |
| 29 | 4740397 | 6 | Spacer | |
| 30 | 4740444 | 1 | Washer | |
| 31 | 4740518 | 2 | Washer | |
| 32 | 4751400 | 7 | Washer 1/4 | |
| 34 | 4891500 | 4 | Washer 5/16 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001103308 | 2 | Thumbscrew 1/4 x 3/4 | |
| 37 | 1001280600 | 1 | Module, Ground Control (Note: Recalibration Required When Replaced) | |
| 38 | 1001106736 | 1 | Cap, Dust | |
| 39 | 1001155043 | 7 | Washer | |
| 40 | 1001155044 | 7 | Nut 15/32 | |
| 41 | 1001155045 | 7 | Switch, Toggle | |
| 42 | 1001295732 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 44 | 1001287464 | 1 | Plate | |
| 45 | 10836804 | 1 | Hour Meter | |
| 46 | 1001188874 | 2 | Nut | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 47 | 1001280403 | 1 | Plate | |
| 48 | 1001266480 | 1 | Decal - Ground Control Box | |
| 49 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 51 | 0760612 | 2 | Bolt M6 x 25 | |
| 52 | 3290605 | 2 | Nut, Lock M6 | |
| 53 | 4811700 | 4 | Washer M6 | |
| 54 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 55 | 1001219601 | 1 | Sensor, Tilt | |
| 56 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-32. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) (CE & UK CA SPECS) (860SJ HC3)



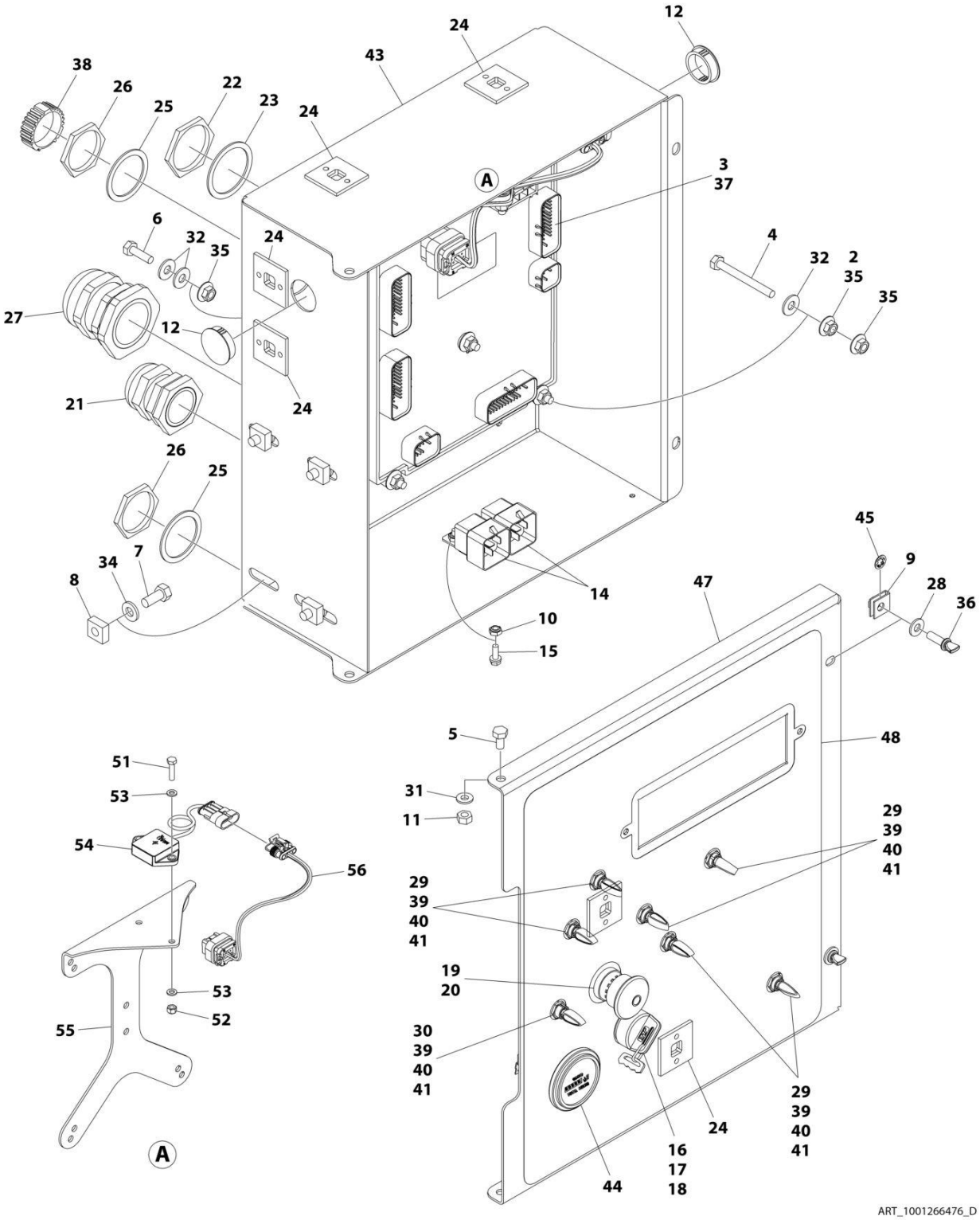
## FIGURE 2-32. GROUND CONTROL BOX ASSEMBLY - WITH DEUTZ TD2.9L4 (STAGE V) (CE & UK CA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266478 | Ref | GROUND CONTROL BOX ASSEMBLY | E |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Bolt 2-1/2 | |
| 5 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 7 | 0641507 | 4 | Bolt 5/16 x 7/8 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Bolt #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360274 | 1 | Switch, Push Button | |
| 19 | 4360387 | 1 | Switch, Push Button | |
| 20 | 4360469 | 1 | Switch, Key | |
| 20 | 2860030 | 1 Set | Key Replacement | |
| 21 | 1001274559 | 1 | Switch, Emergency Stop | |
| 22 | 4360476 | 1 | Switch, Contact Block | |
| 23 | 4460426 | 1 | Connector, Strain Relief | |
| 24 | 4460470 | 1 | Nut, Terminal | |
| 25 | 4460471 | 1 | Lockwasher, Terminal | |
| 26 | 4460488 | 6 | Mounting Base, Terminal | |
| 27 | 4460496 | 2 | Washer, Terminal | |
| 28 | 4460497 | 2 | Nut, Terminal | |
| 29 | 4460526 | 1 | Connector, Strain Relief | |
| 30 | 4740397 | 6 | Spacer | |
| 31 | 4740444 | 1 | Washer | |
| 32 | 4740518 | 2 | Washer | |
| 33 | 4751400 | 7 | Washer 1/4 | |
| 35 | 4891500 | 4 | Washer 5/16 | |
| 36 | 77143013 | 11 | Nut 1/4 | |
| 37 | 1001280600 | 1 | Module, Ground Control (Note: Re-calibration Required When Replaced) | |
| 38 | 1001106736 | 1 | Cap, Dust | |
| 39 | 1001155043 | 7 | Washer | |
| 40 | 1001155044 | 7 | Nut 15/32 | |
| 41 | 1001155045 | 7 | Switch, Toggle | |
| 42 | 1001295732 | 1 | Engine Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001284973 | 1 | Control Valve Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 44 | 1001287464 | 1 | Plate | |
| 45 | 10836804 | 1 | Gauge, Display | |
| 46 | 1001176469 | 1 | Shroud | |
| 47 | 1001297391 | 1 | Plate | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 1001266484 | 1 | Decal - Ground Control Box | |
| 49 | 1001285346 | 1 | Ground Control Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 51 | 0760612 | 2 | Bolt M6 x 25 | |
| 52 | 3290605 | 2 | Nut, Lock M6 | |
| 53 | 4811700 | 4 | Washer M6 | |
| 54 | 1001219601 | 1 | Sensor, Tilt | |
| 55 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 56 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-33. GROUND CONTROL BOX ASSEMBLY - WITH FORD DF 2.5L - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT, AUSTRALIAN AND CSA SPECS) (860SJ HC3) (SN 0300298220 to Present, Including 0300295807)



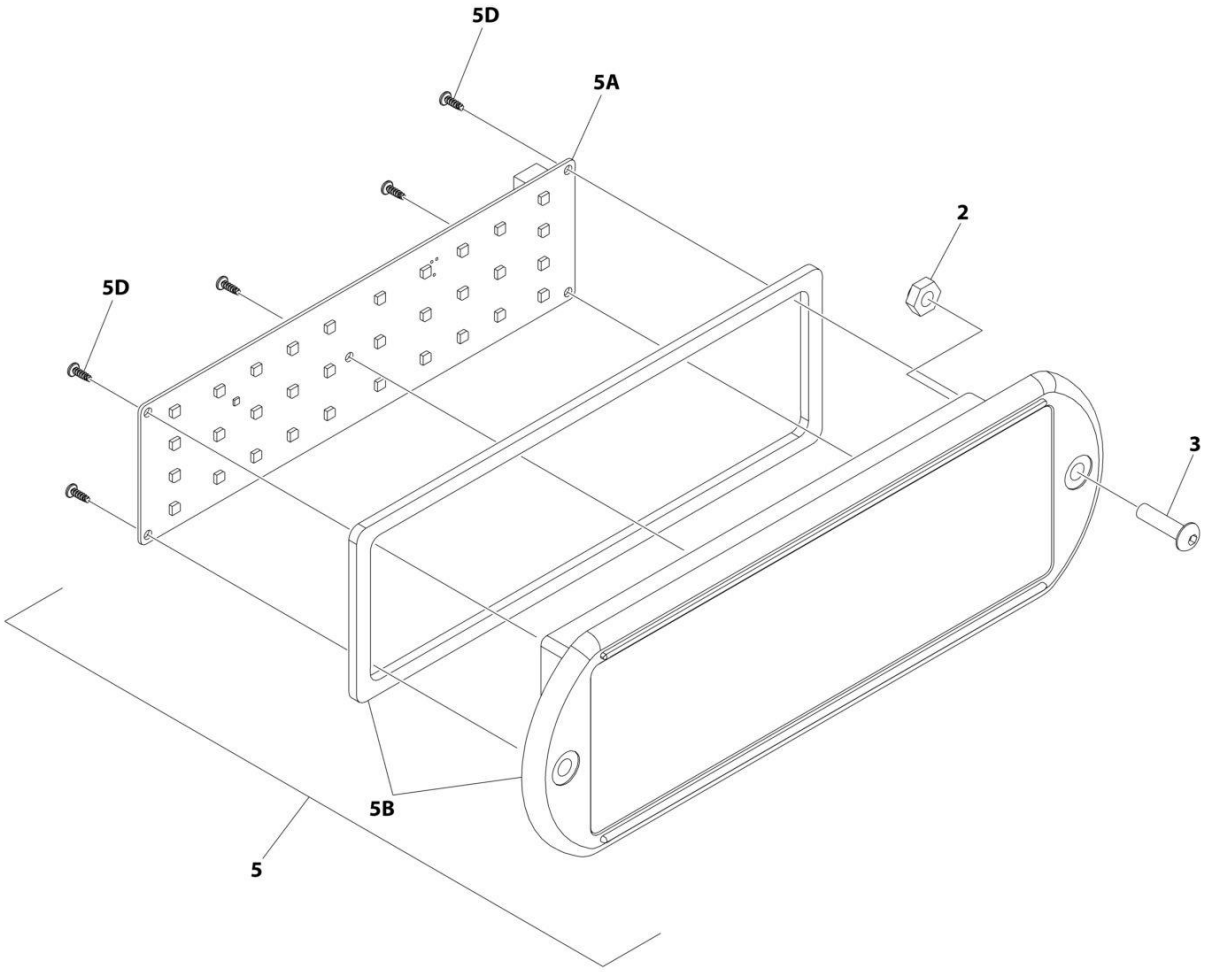
## FIGURE 2-33. GROUND CONTROL BOX ASSEMBLY - WITH FORD DF 2.5L - WITH MECHANICAL HOUR METER (ANSI, ANSI EXPORT, AUSTRALIAN AND CSA SPECS) (860SJ HC3) (SN 0300298220 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266476 | Ref | GROUND CONTROL BOX ASSEMBLY | D |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0630548 | 5 | Screw 2-1/2 Tap | |
| 5 | 0641404 | 2 | Screw 1/4 x 1/2 | |
| 6 | 0641407 | 1 | Screw 1/4 x 7/8 | |
| 7 | 0641506 | 4 | Screw 5/16 x 3/4 | |
| 8 | 3300205 | 4 | Nut, Retainer | |
| 9 | 3300353 | 2 | Nut, Tinnerman | |
| 10 | 3300408 | 2 | Nut, Plastic Insert | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 3520031 | 2 | Plug | |
| 14 | 3740049 | 2 | Relay | |
| 15 | 3900268 | 2 | Screw #10 x 1/2 | |
| 16 | 3910804 | 6 | Screw #8 x 1/4 | |
| 17 | 4070991 | 1 | Shim | |
| 18 | 4360469 | 1 | Switch, Key | |
| 19 | 4360475 | 1 | Switch, Emergency Stop | |
| 19 | 7020175 | 1 | Cap, Mushroom | |
| 19 | 7020176 | 1 | Block, Contact | |
| 20 | 4360476 | 1 | Switch, Contact Block | |
| 21 | 4460426 | 1 | Connector, Strain Relief | |
| 22 | 4460470 | 1 | Nut, Terminal | |
| 23 | 4460471 | 1 | Washer, Terminal | |
| 24 | 4460488 | 6 | Mounting Base, Terminal | |
| 25 | 4460496 | 2 | Washer, Terminal | |
| 26 | 4460497 | 2 | Nut, Terminal | |
| 27 | 4460526 | 1 | Connector, Strain Relief | |
| 28 | 4711400 | 2 | Washer 1/4 | |
| 29 | 4740397 | 6 | Spacer | |
| 30 | 4740444 | 1 | Washer | |
| 31 | 4740518 | 2 | Washer | |
| 32 | 4751400 | 7 | Washer 1/4 | |
| 34 | 4891500 | 4 | Washer 5/16 | |
| 35 | 77143013 | 11 | Nut 1/4 | |
| 36 | 1001103308 | 2 | Screw 1/4 | |
| 37 | 1001280600 | 1 | Module, Ground Control (Note: Re-calibration Required when Replaced) | |
| 38 | 1001106736 | 1 | Cap, Dust | |
| 39 | 1001155043 | 7 | Washer | |
| 40 | 1001155044 | 7 | Nut 15/32 | |
| 41 | 1001155045 | 7 | Switch, Toggle | |
| 42 | 1001284973 | 1 | Harness, Platform Valve (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001287464 | 1 | Box Less Lid | |
| 44 | 10836804 | 1 | Hour Meter | |
| 45 | 1001188874 | 2 | Nut | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001286028 | 1 | Harness, Ford DF 2.5L Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 47 | 1001280403 | 1 | Plate | |
| 48 | 1001266480 | 1 | Decal, MTB | |
| 49 | 1001285346 | 1 | Harness, MTB (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 50 | 1001285800 | 1 | Wire, MTB (Not Shown) | |
| 51 | 0760612 | 2 | Bolt M6 x 25 | |
| 52 | 3290605 | 2 | Nut, Lock M6 | |
| 53 | 4811700 | 4 | Washer M6 | |
| 54 | 1001219601 | 1 | Sensor, Tilt | |
| 55 | 1001271794 | 1 | Bracket, Tilt Sensor | |
| 56 | 1001276143 | 1 | Harness, Tilt Sensor (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 2-34. LIGHT PANEL INSTALLATION (MACHINES WITH SN STARTING WITH 03) (CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)

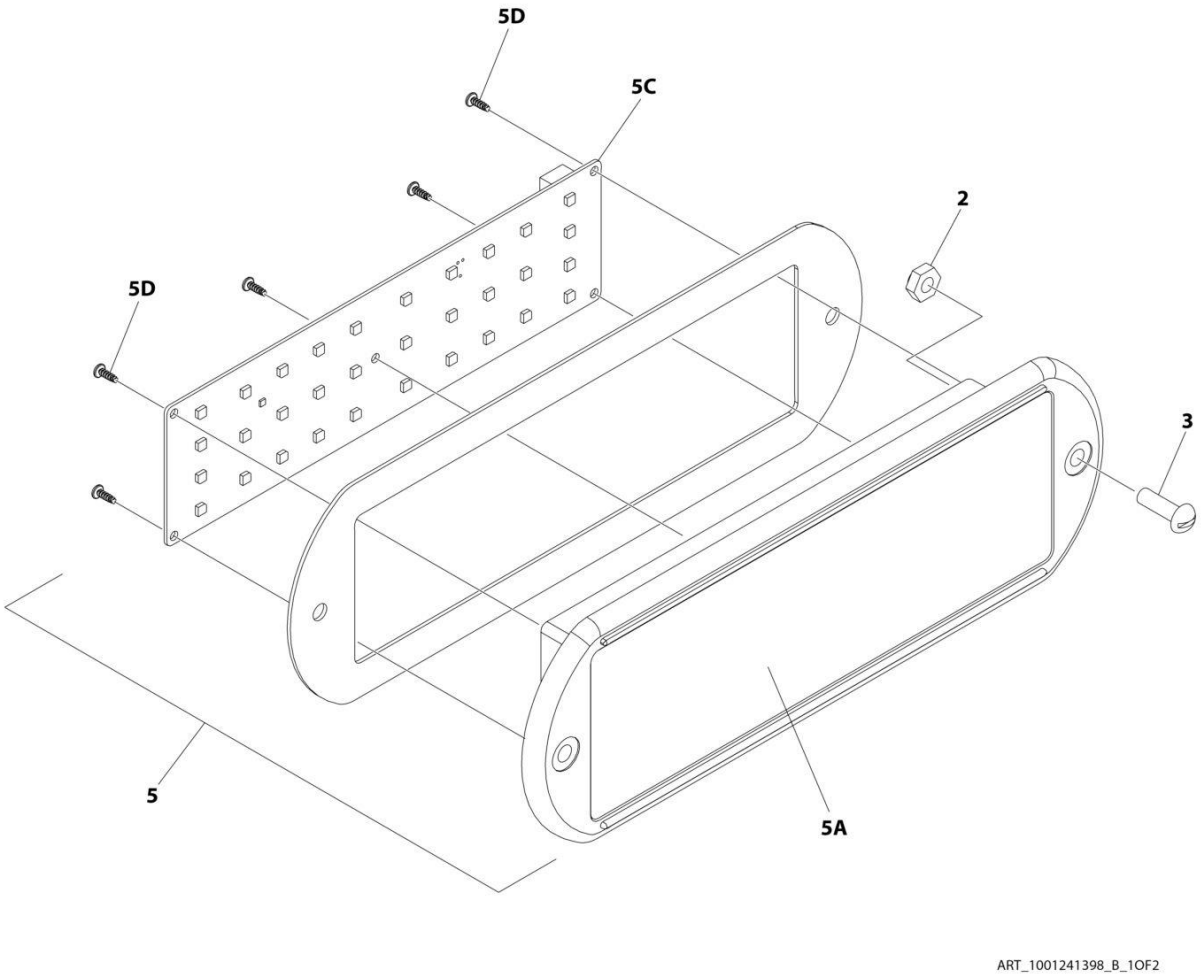



ART_1001233959_D_1OF2

## FIGURE 2-34. LIGHT PANEL INSTALLATION (MACHINES WITH SN STARTING WITH 03) (CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001233959 | Ref | LIGHT PANEL INSTALLATION | D |
| 2 | 3300408 | 2 | Nut, Nylon Insert | |
| 3 | 0630518 | 2 | Screw #10 x 3/4 | |
| 5 | 1001237546 | 1 | Light Panel Assembly | J |
| 5A | 1001282106 | 1 | Panel, LED Light | |
| 5B | 1001236091 | 1 | Lens, Icon (Includes Gasket) | |
| 5D | | Ref | Screw | |

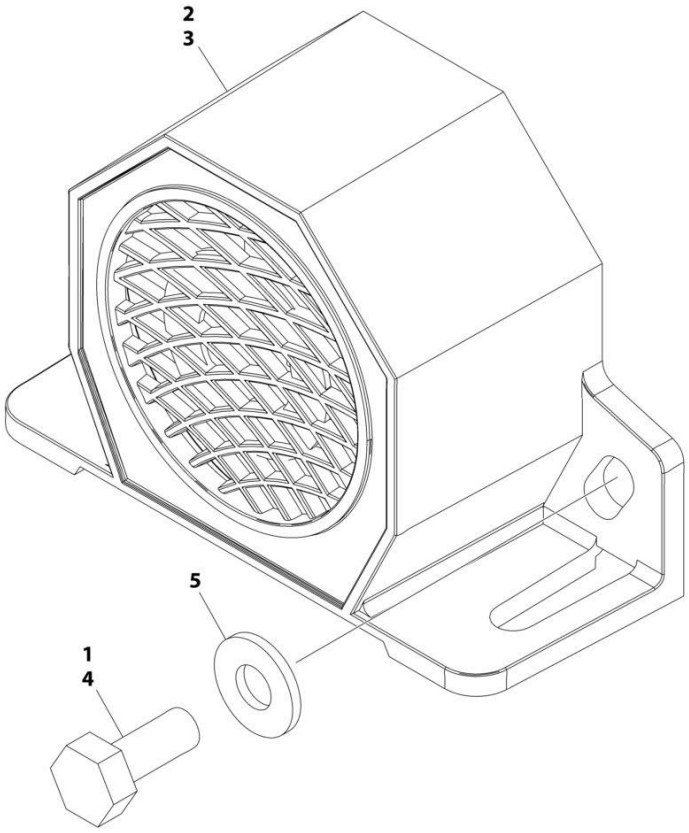
## FIGURE 2-35. LIGHT PANEL INSTALLATION (ALL SPEC EXCEPT CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)



## FIGURE 2-35. LIGHT PANEL INSTALLATION (ALL SPEC EXCEPT CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241398 | Ref | LIGHT PANEL INSTALLATION | B |
| 2 | 3300408 | 2 | Nut, Nylon Insert | |
| 3 | 3911010 | 2 | Screw #10 x 5/8 | |
| 5 | 1001238673 | 1 | Light Panel Assembly | |
| 5A | 1001236091 | 1 | Lens, I-Con | |
| 5C | 1001238732 | 1 | Panel, LED Light | |
| 5D | | Ref | Screw | |

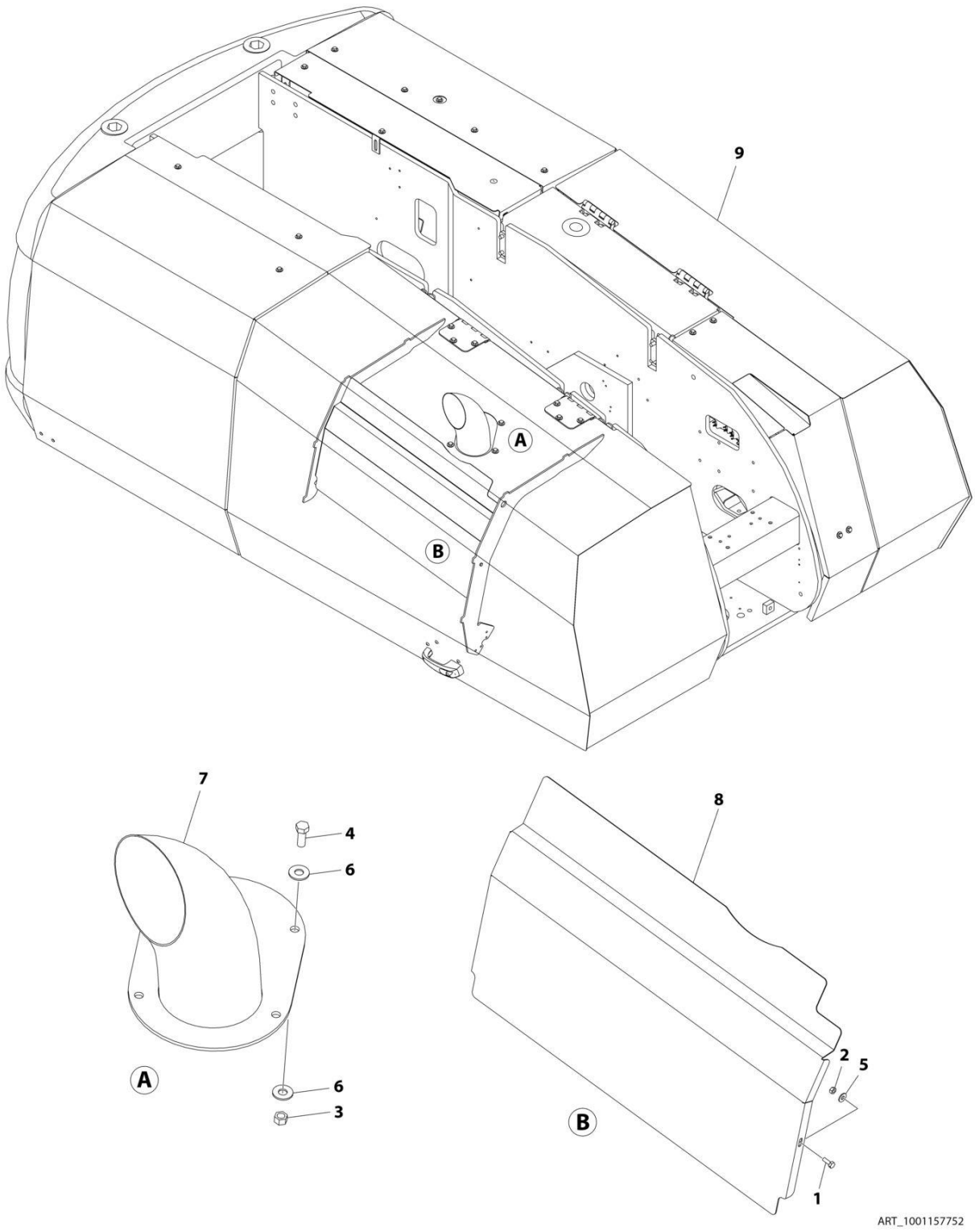
**FIGURE 2-36. ALARM INSTALLATION**



## FIGURE 2-36. ALARM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158364 | Ref | ALARM INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Grease, Dielectric | |
| 3 | 0140044 | 1 | Alarm | |
| 4 | 0641405 | 2 | Bolt 1/4 x 5/8 | |
| 5 | 4711400 | 2 | Washer 1/4 | |

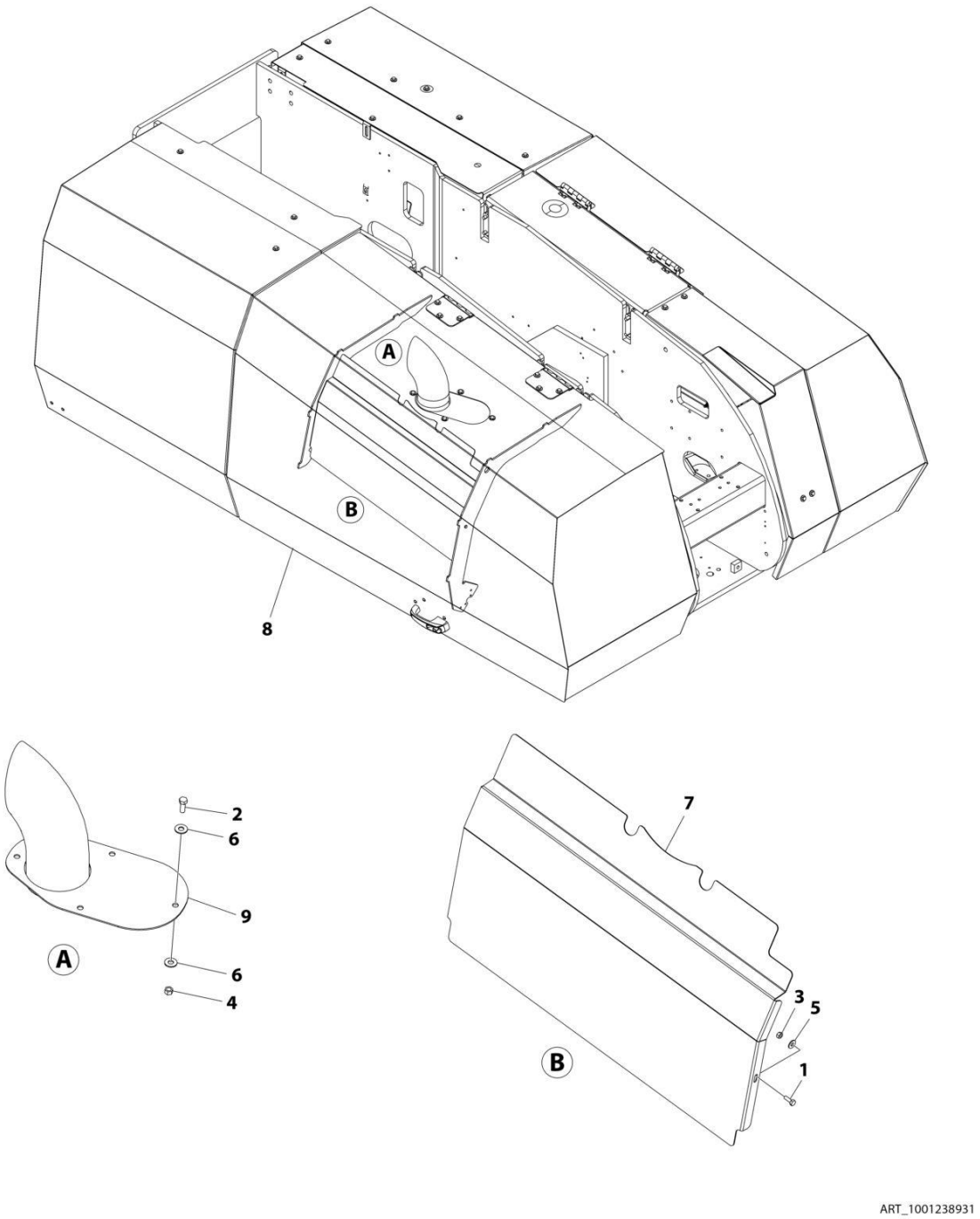
## FIGURE 2-37. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ D2011 ENGINES)



## FIGURE 2-37. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ D2011 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001157752 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | D |
| 1 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 2 | 3311405 | 3 | Nut 1/4 | |
| 3 | 3311605 | 4 | Nut 3/8 | |
| 4 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 5 | 4751400 | 3 | Washer 1/4 | |
| 6 | 4751600 | 8 | Washer 3/8 | |
| 7 | 1001116456 | 1 | Stack, Exhaust | |
| 8 | 1001150561 | 1 | Shield, Heat | |
| 9 | 1001157416 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |

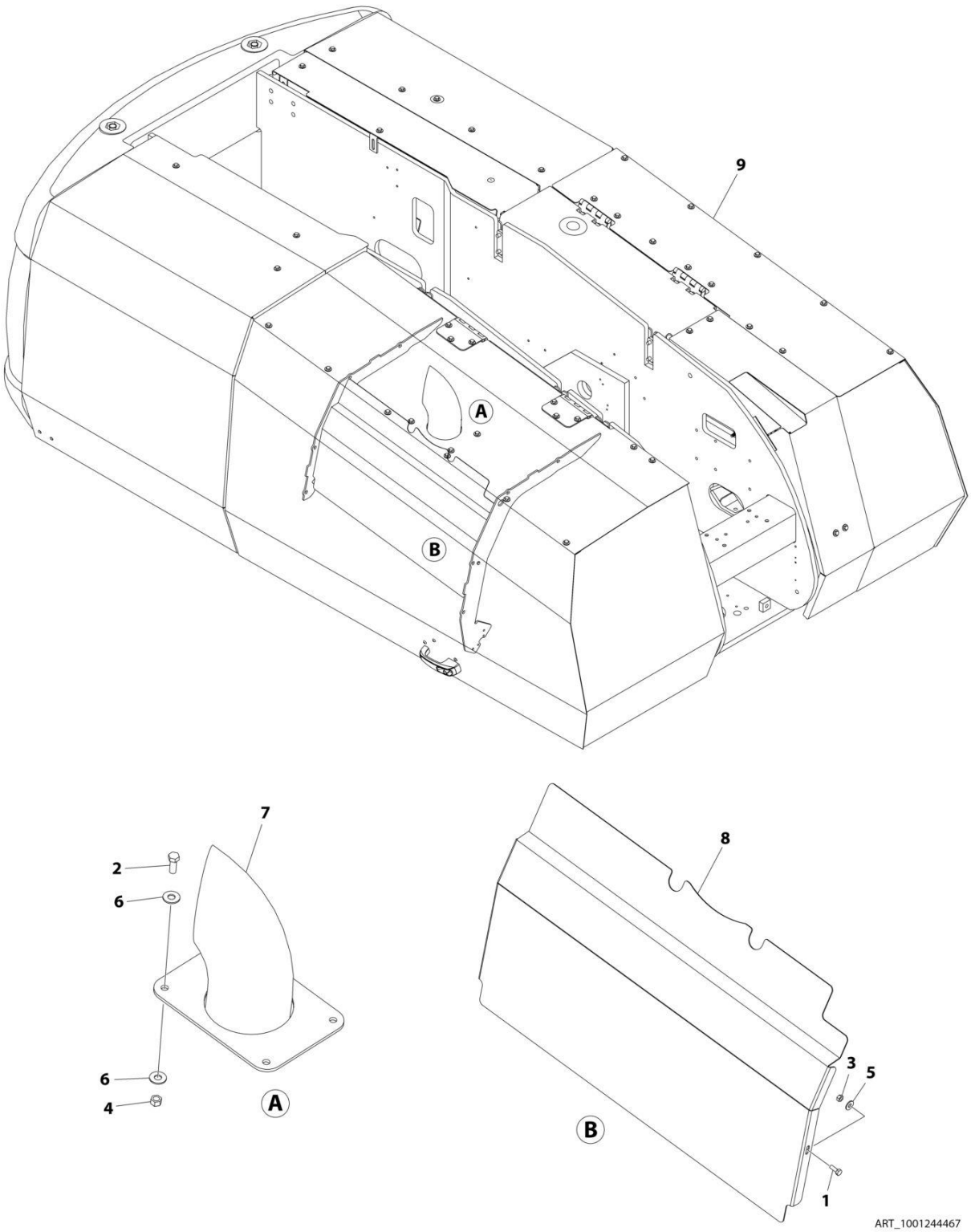
## FIGURE 2-38. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 2-38. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001238931 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | B |
| 1 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 2 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 3 | 3311405 | 3 | Nut 1/4 | |
| 4 | 3311605 | 4 | Nut 3/8 | |
| 5 | 4751400 | 3 | Washer 1/4 | |
| 6 | 4751600 | 8 | Washer 3/8 | |
| 7 | 1001163101 | 1 | Shield, Heat | |
| 8 | 1001237194 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |
| 9 | 1001237259 | 1 | Stack, Exhaust | |

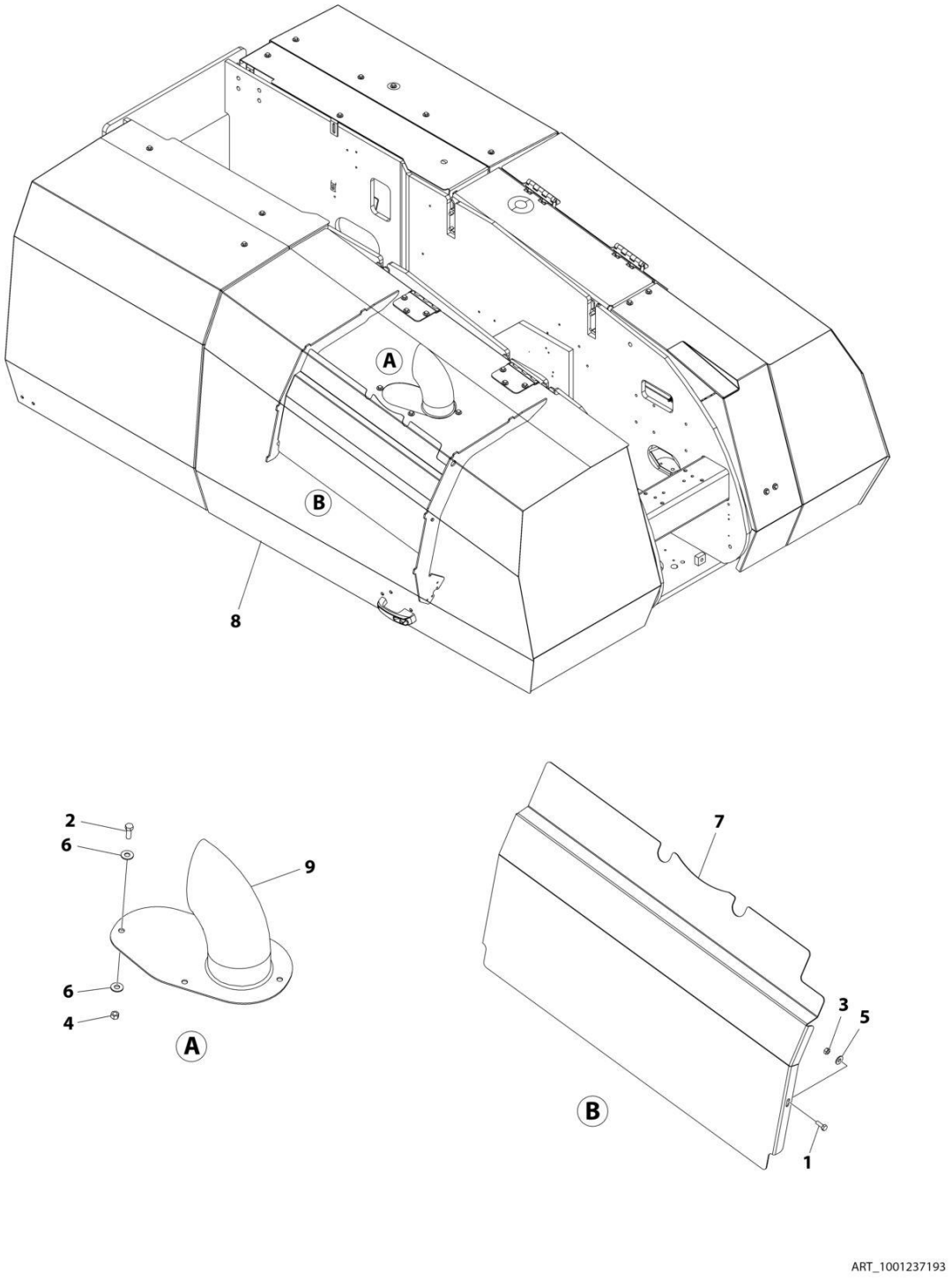
## FIGURE 2-39. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 2-39. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION | |
| | 1001244467 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | C |
| 1 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 2 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 3 | 3311405 | 3 | Nut 1/4 | |
| 4 | 3311605 | 4 | Nut 3/8 | |
| 5 | 4751400 | 3 | Washer 1/4 | |
| 6 | 4751600 | 8 | Washer 3/8 | |
| 7 | 1001144527 | 1 | Stack, Exhaust | |
| 8 | 1001163101 | 1 | Shield, Heat | |
| 9 | 1001244466 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |

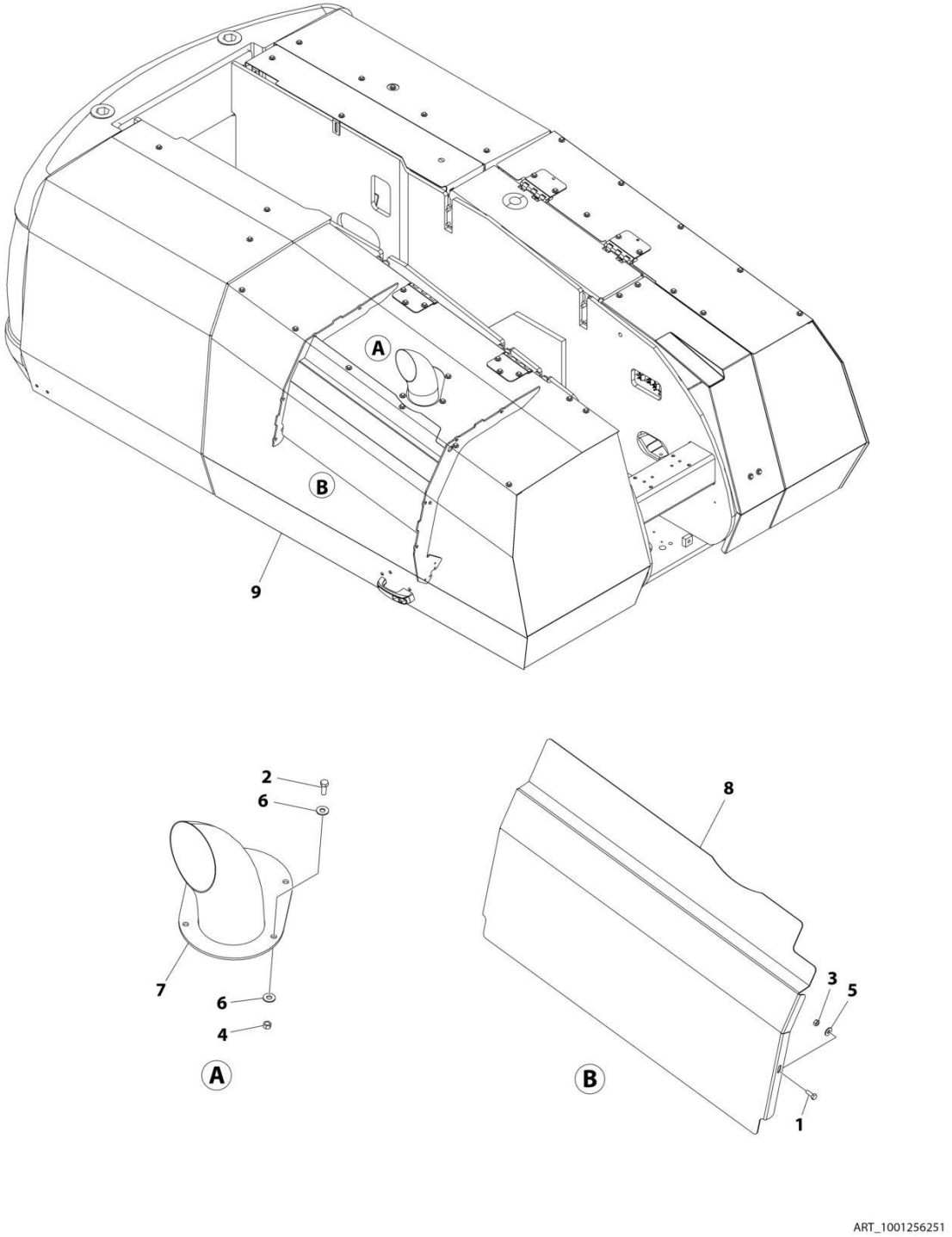
## FIGURE 2-40. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 2-40. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001237193 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | B |
| 1 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 2 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 3 | 3311405 | 3 | Nut 1/4 | |
| 4 | 3311605 | 4 | Nut 3/8 | |
| 5 | 4751400 | 3 | Washer 1/4 | |
| 6 | 4751600 | 8 | Washer 3/8 | |
| 7 | 1001163101 | 1 | Shield, Heat | |
| 8 | 1001237194 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |
| 9 | 1001237261 | 1 | Stack, Exhaust | |

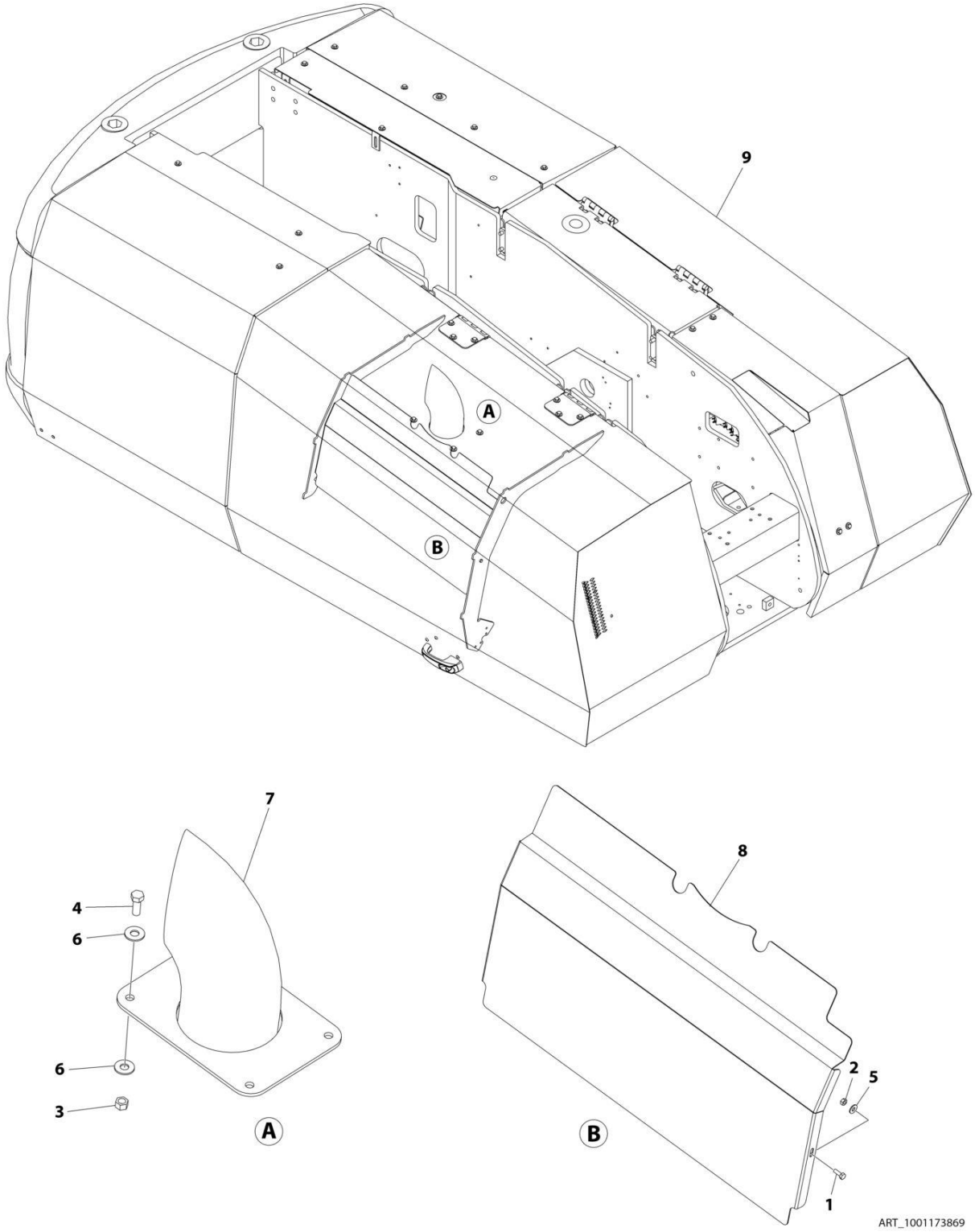
## FIGURE 2-41. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 2-41. EXHAUST STACK INSTALLATION - STEEL HOOD (DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION | |
| | 1001256251 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | A |
| 1 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 2 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 3 | 3311405 | 3 | Nut 1/4 | |
| 4 | 3311605 | 4 | Nut 3/8 | |
| 5 | 4751400 | 3 | Washer 1/4 | |
| 6 | 4751600 | 8 | Washer 3/8 | |
| 7 | 1001116456 | 1 | Stack, Exhaust | |
| 8 | 1001150561 | 1 | Shield, Heat | |
| 9 | 1001256248 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |

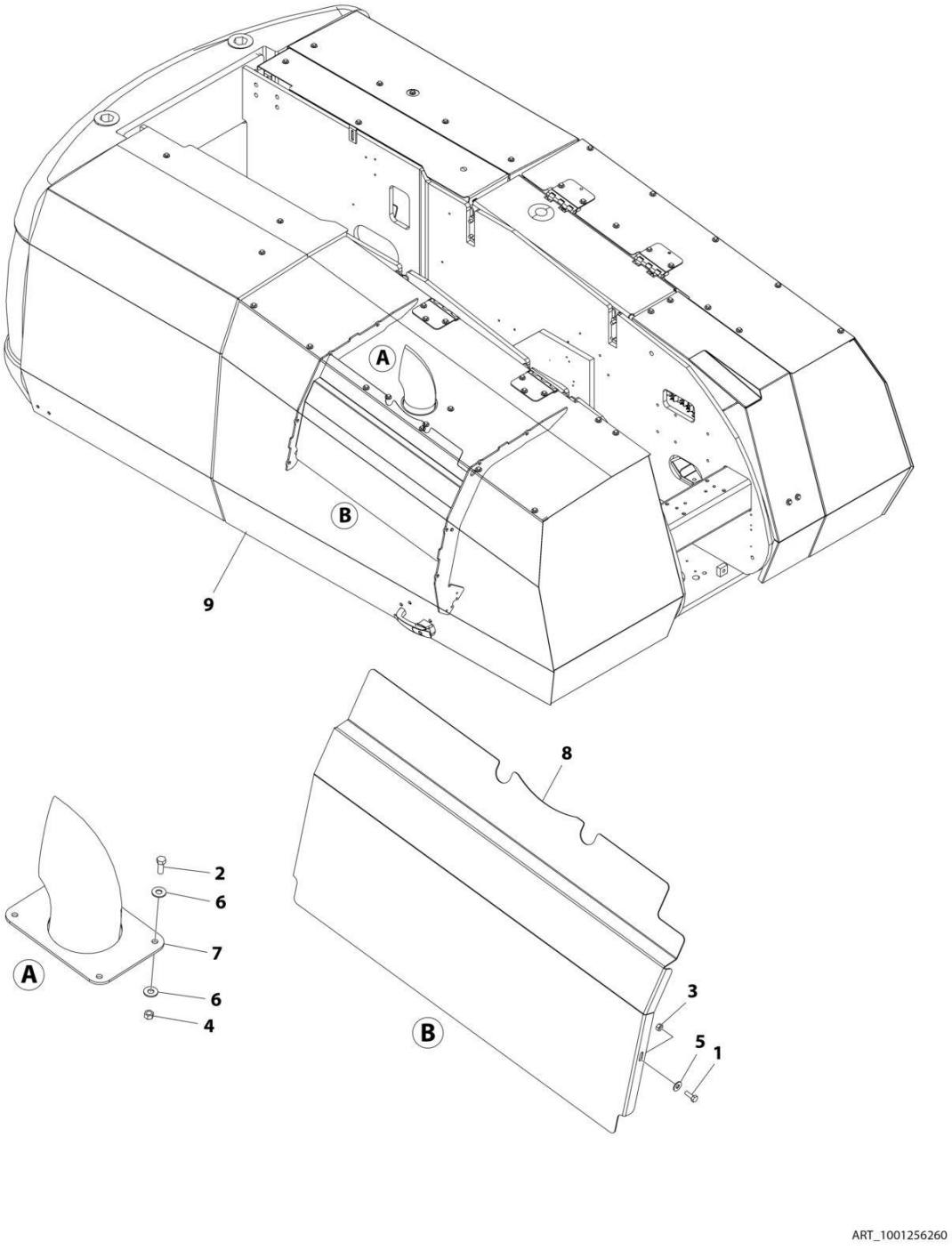
## FIGURE 2-42. EXHAUST STACK INSTALLATION - STEEL HOOD WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 2-42. EXHAUST STACK INSTALLATION - STEEL HOOD WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001173869 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | C |
| 1 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 2 | 3311405 | 3 | Nut 1/4 | |
| 3 | 3311605 | 4 | Nut 3/8 | |
| 4 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 5 | 4751400 | 3 | Washer 1/4 | |
| 6 | 4751600 | 8 | Washer 3/8 | |
| 7 | 1001144527 | 1 | Stack, Exhaust | |
| 8 | 1001163101 | 1 | Shield, Heat | |
| 9 | 1001173870 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |

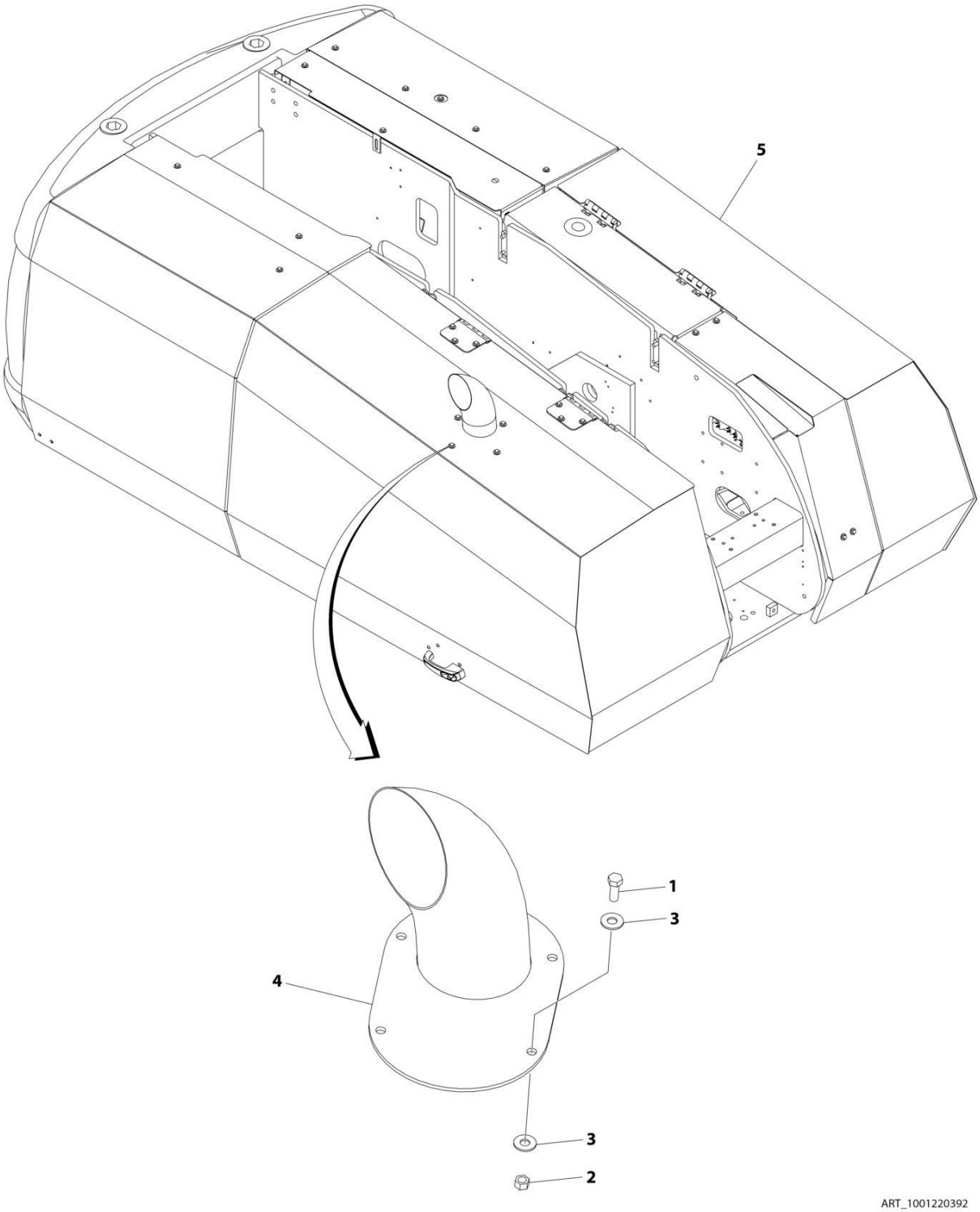
## FIGURE 2-43. EXHAUST STACK INSTALLATION - STEEL HOOD WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 2-43. EXHAUST STACK INSTALLATION - STEEL HOOD WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION | |
| | 1001256260 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | A |
| 1 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 2 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 3 | 3311405 | 3 | Nut 1/4 | |
| 4 | 3311605 | 4 | Nut 3/8 | |
| 5 | 4751400 | 3 | Washer 1/4 | |
| 6 | 4751600 | 8 | Washer 3/8 | |
| 7 | 1001144527 | 1 | Stack, Exhaust | |
| 8 | 1001163101 | 1 | Shield, Heat | |
| 9 | 1001256259 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |

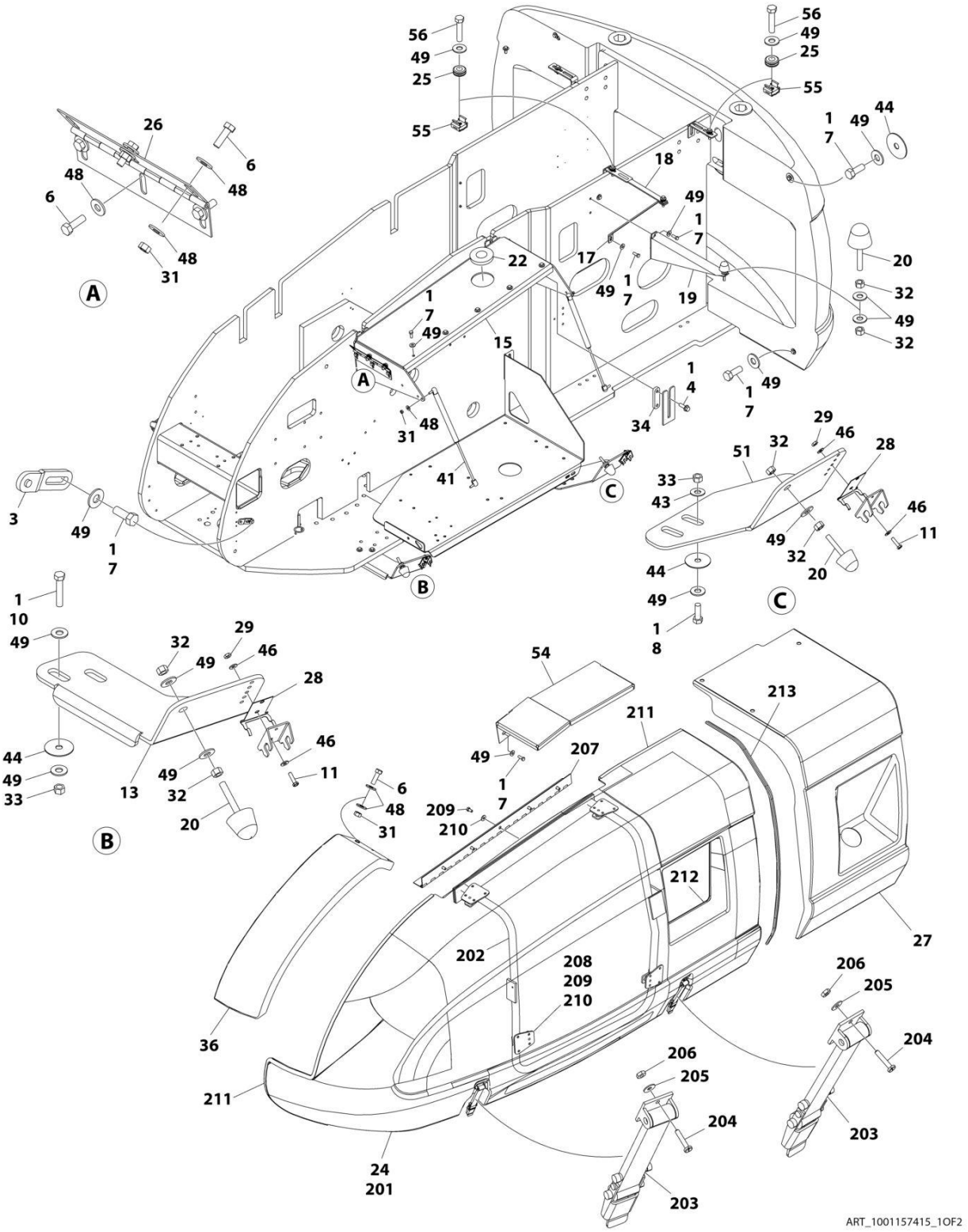
## FIGURE 2-44. EXHAUST STACK INSTALLATION - STEEL HOOD (FORD DF 2.5L ENGINES)

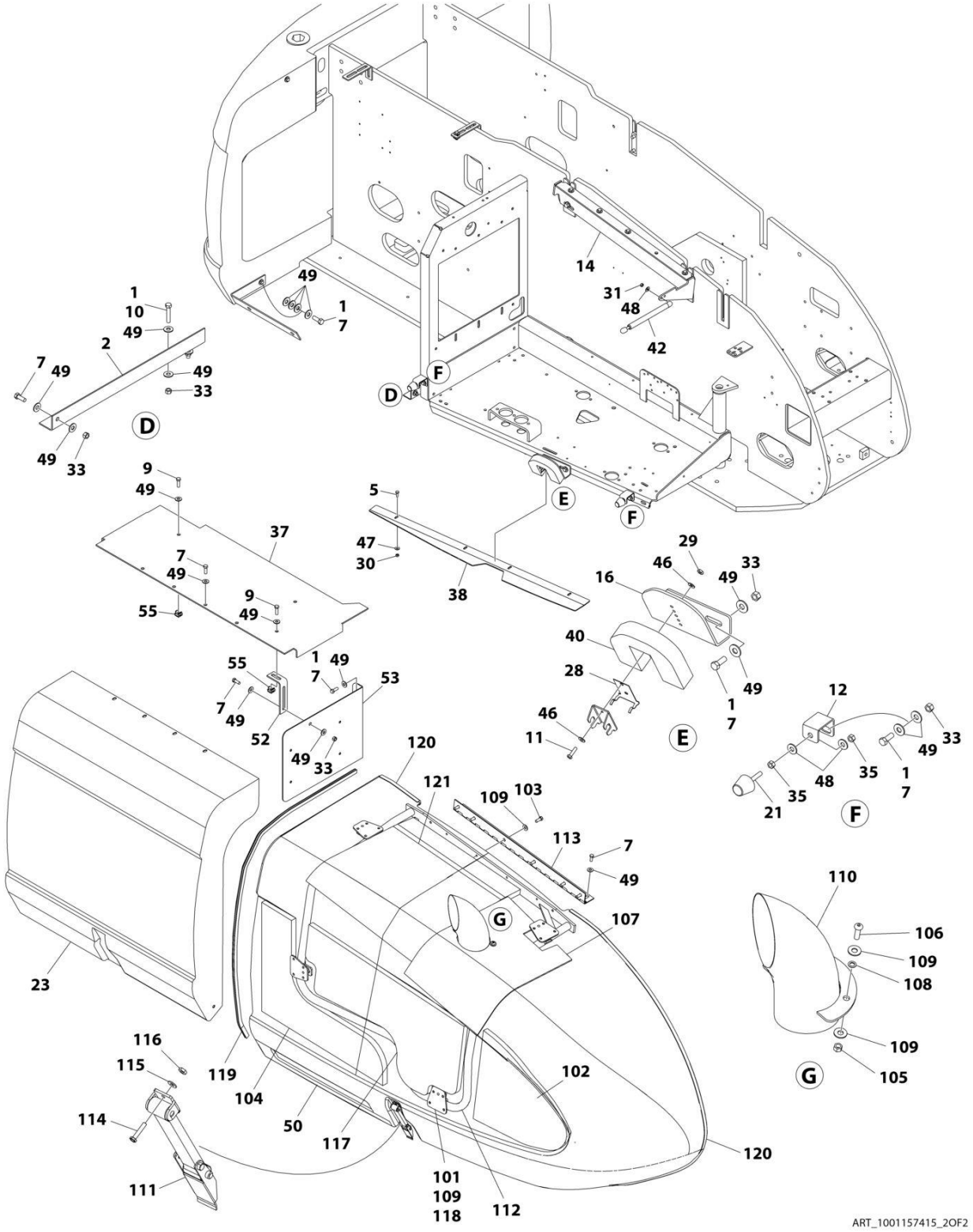


## FIGURE 2-44. EXHAUST STACK INSTALLATION - STEEL HOOD (FORD DF 2.5L ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION | |
| | 1001220392 | Ref | EXHAUST STACK INSTALLATION - STEEL HOOD | B |
| 1 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 2 | 3311605 | 4 | Nut 3/8 | |
| 3 | 4751600 | 8 | Washer 3/8 | |
| 4 | 1001116457 | 1 | Stack, Exhaust | |
| 5 | 1001220393 | 1 | Steel Hood Installation (See Separate Breakdown in this Section) | |

## FIGURE 2-45. HOODS INSTALLATION - ABS (DEUTZ D2011 ENGINES)



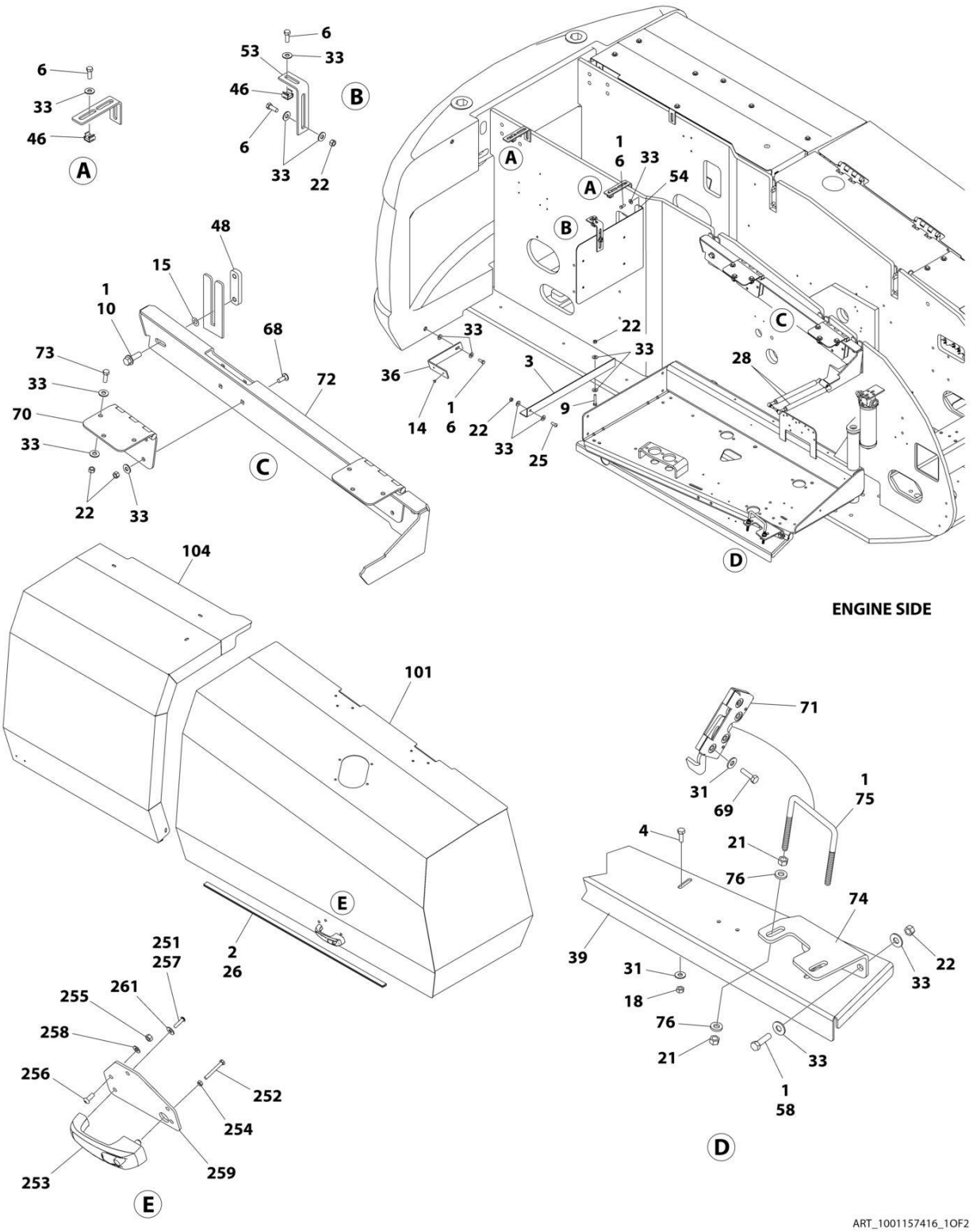

ART_1001157415_2OF2

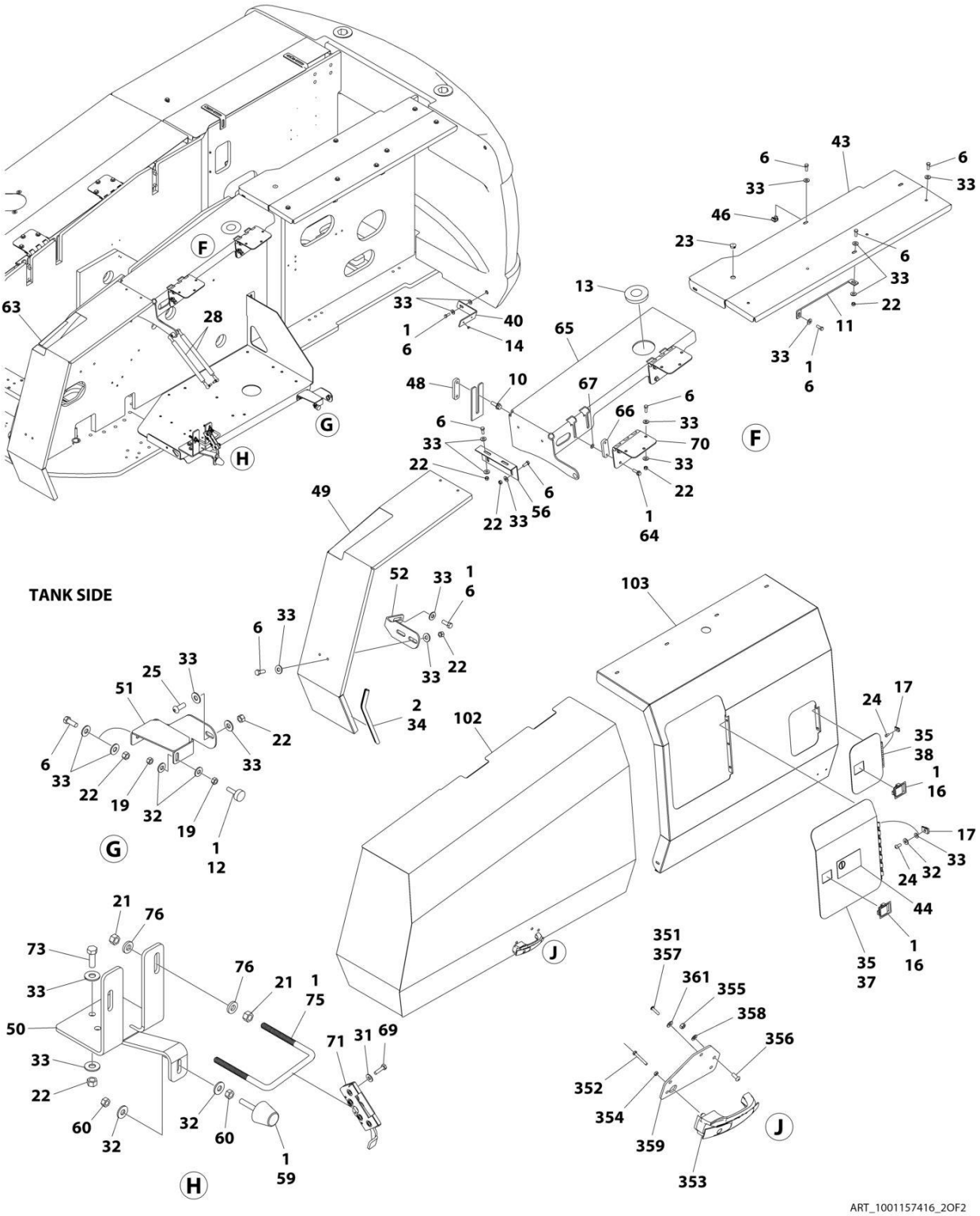
## FIGURE 2-45. HOODS INSTALLATION - ABS (DEUTZ D2011 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001157415 | Ref | HOODS INSTALLATION - DEUTZ D2011 & GM ENGINES | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 1001161711 | 1 | Angle, Hood Support | |
| 3 | 0362770 | 1 | Bar, Panel Mounting | |
| 4 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 5 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 6 | 0641508 | 6 | Bolt 5/16 x 1 | |
| 7 | 0641608 | 32 | Bolt 3/8 x 1 | |
| 8 | 0641609 | 2 | Bolt 3/8 x 1-1/8 | |
| 9 | 0641610 | 3 | Bolt 3/8 x 1-1/4 | |
| 10 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 11 | 0721006 | 6 | Screw #10 x 3/4 | |
| 12 | 0902219 | 2 | Bracket, Bumper | |
| 13 | 0902223 | 1 | Bracket, Latch | |
| 14 | 1001207558 | 1 | Bracket, Hood Mounting | |
| 15 | 0902412 | 1 | Bracket, Hood Mounting | |
| 16 | 0902491 | 1 | Bracket, Latch | |
| 17 | 0902673 | 1 | Bracket, Support (Front Cover) | |
| 18 | 0902674 | 1 | Bracket, Support (Front Cover) | |
| 19 | 0902769 | 1 | Bracket, Bumper Support | |
| 20 | 0940071 | 3 | Bumper | |
| 21 | 0940088 | 2 | Bumper | |
| 22 | 1120601 | 1 | Plug, Cap | |
| 23 | 1671201 | 1 | Cover | |
| 24 | 1671228 | 1 | Hood Assembly - Tank Side (See Items 201-213 for Breakdown) | |
| 25 | 2540035 | 3 | Grommet | |
| 26 | 2600244 | 1 | Hinge, Adapter Panel | |
| 27 | 2680490 | 1 | Hood, Right Cover | |
| 28 | 2940188 | 3 | Latch, Spring Clip | |
| 29 | 3311005 | 6 | Nut #10 | |
| 30 | 3311405 | 4 | Nut 1/4 | |
| 31 | 3311505 | 9 | Nut 5/16 | |
| 32 | 3311601 | 6 | Nut 3/8 | |
| 33 | 3311605 | 12 | Nut 3/8 | |
| 34 | 1001150260 | 4 | Plate | |
| 35 | 3321501 | 4 | Nut 5/16 | |
| 36 | 3380444 | 1 | Panel, Adapter | |
| 37 | 3380575 | 1 | Panel, Cover | |
| 38 | 1001208024 | 1 | Plate, Seal | |
| 39 | 3960389 | 3.5 ft/ 1.1m | Seal (Not Shown) | |
| 40 | 3960470 | 1 | Seal, Latch | |
| 41 | 4160139 | 2 | Spring, Gas (Tank Side) | |
| 42 | 4160143 | 1 | Spring, Gas (Engine Side) | |
| 43 | 4711600 | 2 | Washer 3/8 | |
| 44 | 4740076 | 5 | Washer, Fender | |
| 46 | 4751000 | 12 | Washer #10 | |
| 47 | 4751400 | 4 | Washer 1/4 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 4751500 | 19 | Washer 5/16 | |
| 49 | 4751600 | 62 | Washer 3/8 | |
| 50 | 1001099138 | 1 | Hood Assembly - Engine Side (See Items 101-151 for Breakdown) | |
| 51 | 1001157021 | 1 | Bracket | |
| 52 | 1001157474 | 1 | Bracket | |
| 53 | 1001157475 | 1 | Panel | |
| 54 | 1001157736 | 1 | Panel | |
| 55 | 1001126828 | 6 | Nut, Tinnerman | |
| 56 | 0641614 | 3 | Bolt 3/8 x 1-3/4 | |
| | 1001099138 | Ref | HOOD ASSEMBLY (ENGINE SIDE) | C |
| 101 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 102 | 2820233 | 1 | Insulation, Rear Sound | |
| 103 | 0641608 | 6 | Bolt 3/8 x 1 | |
| 104 | 2820235 | 1 | Insulation, Rear Sound | |
| 105 | 3311605 | 2 | Nut 3/8 | |
| 106 | 3900232 | 2 | Screw, Button Head 3/8 x 1-1/4 | |
| 107 | 1001101623 | 1 | Shield, Heat Gasket | |
| 108 | 4740500 | 2 | Washer (Special) | |
| 109 | 4751600 | 14 | Washer 3/8 | |
| 110 | 1001099121 | 1 | Tube, Exhaust | |
| 111 | 2940088 | 1 | Latch | |
| 112 | 1671230 | 1 | Frame, Tubular | |
| 113 | 2600209 | 1 | Hinge | |
| 114 | 0721008 | 2 | Screw, Machine #10 x 1 | |
| 115 | 4751000 | 2 | Washer #10 | |
| 116 | 3311001 | 2 | Nut #10 | |
| 117 | 2820234 | 1 | Insulation, Center Sound | |
| 118 | 1321384 | 4 | Hold Down | |
| 119 | 3960462 | 61 in/ 1.55m | Seal | |
| 120 | 3960464 | 65 in/ 1.67m | Seal | |
| 121 | 1001101673 | 1 | Insulation | |
| | 1671228 | Ref | HOOD ASSEMBLY (TANK SIDE) | B |
| 201 | 1671231 | 1 | Hood | |
| 202 | 1671232 | 1 | Frame, Tubular | |
| 203 | 2940088 | 2 | Latch | |
| 204 | 0721008 | 4 | Screw, Machine #10 x 1 | |
| 205 | 4751000 | 4 | Washer #10 | |
| 206 | 3311001 | 4 | Nut #10 | |
| 207 | 2600233 | 1 | Hinge | |
| 208 | 1321384 | 4 | Hold Down | |
| 209 | 0641606 | 9 | Bolt 3/8 x 3/4 | |
| 210 | 4711600 | 9 | Washer 3/8 | |
| 211 | 3960464 | 65 in/ 2.11m | Seal | |
| 212 | 3960438 | 55 in/1.4m | Seal | |
| 213 | 3960462 | 53 in/ 1.35m | Seal | |
| | 0272081 | Ref | NOISE REDUCTION INSTALLATION (DEUTZ ENGINE MACHINES) | 4-D |
| 301 | 2820078 | 1 | Foam, Acoustical (Not Shown) | |

## FIGURE 2-46. HOODS INSTALLATION - STEEL (DEUTZ D2011 ENGINES)



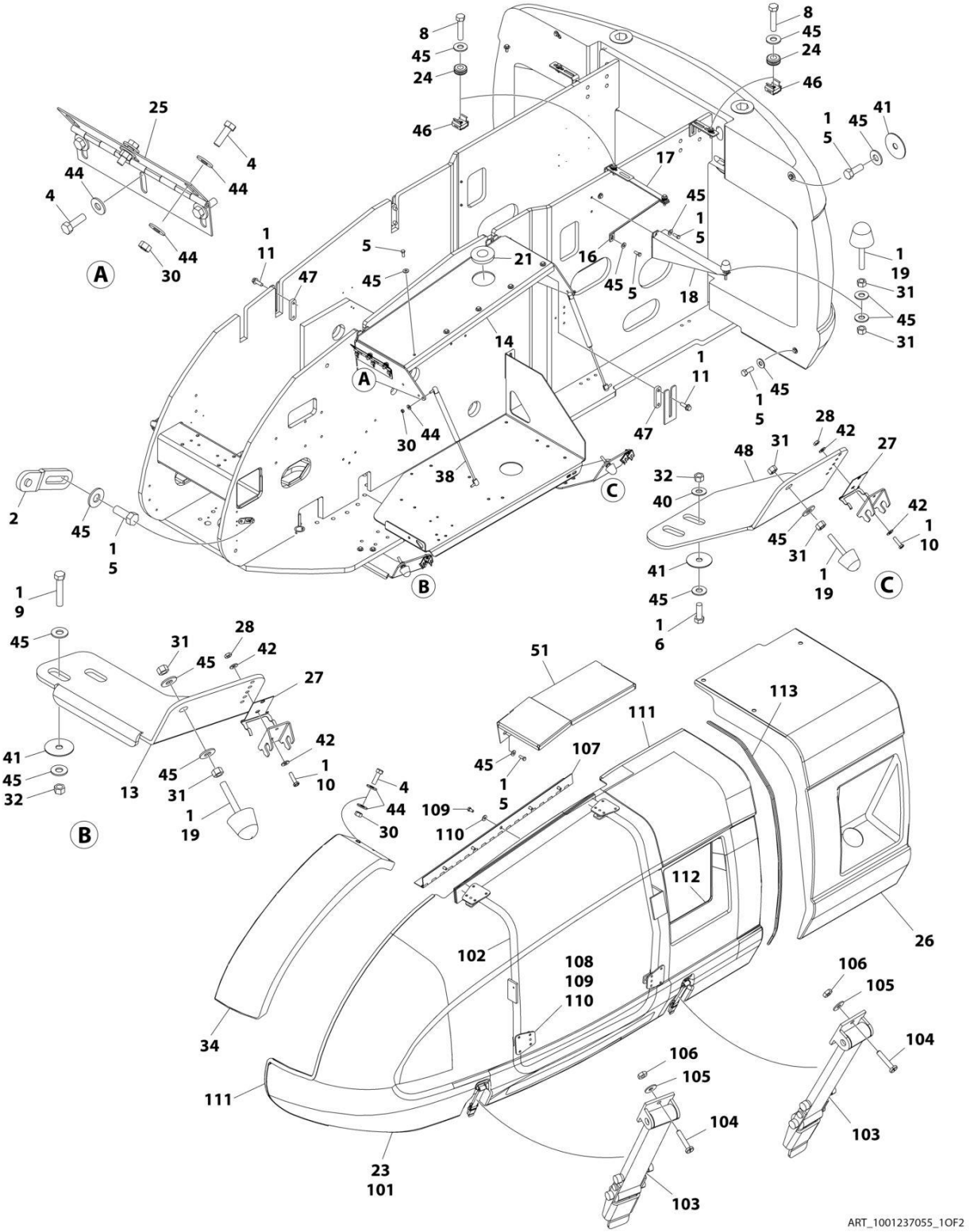

TANK SIDE
ART_1001157416_2OF2

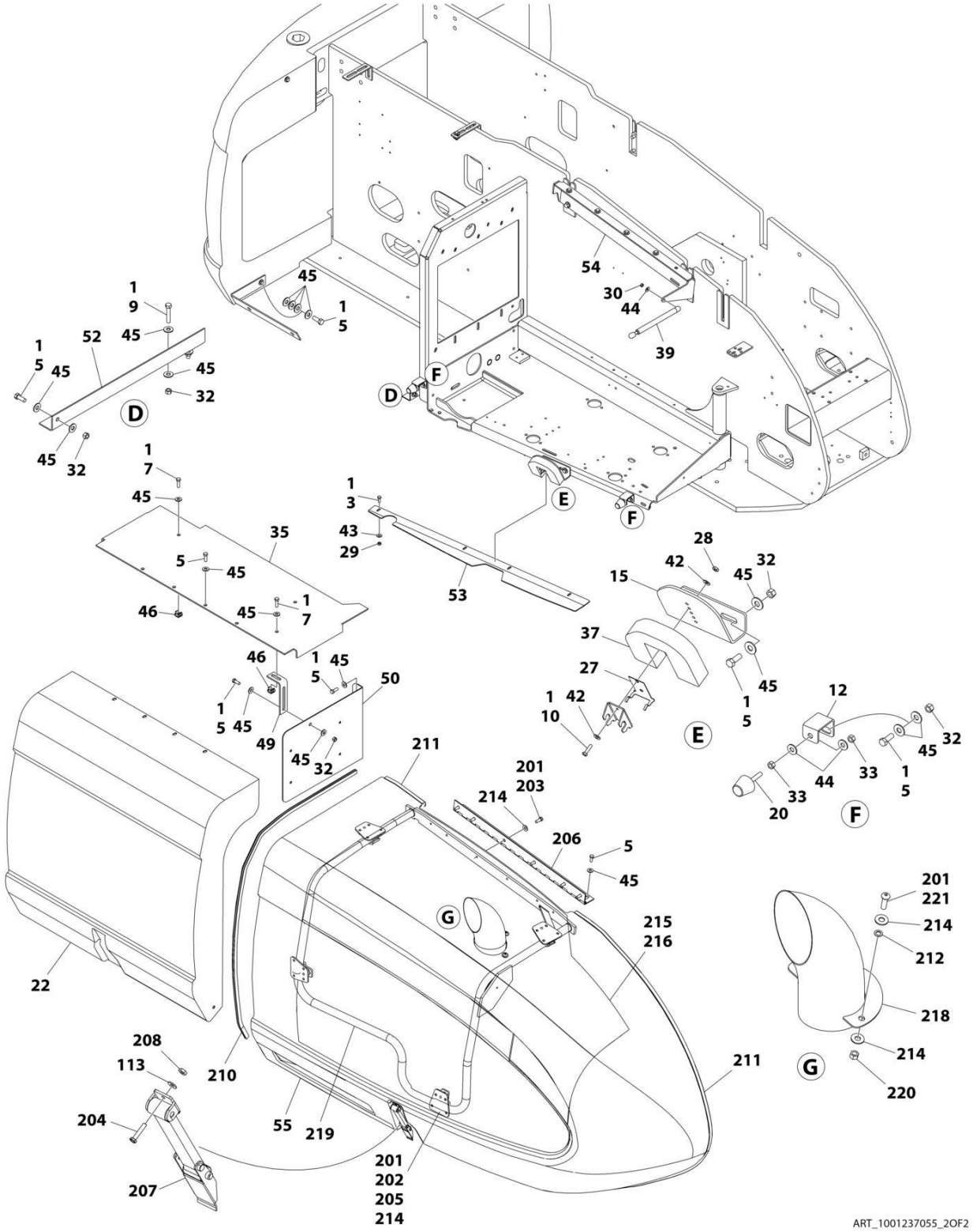
## FIGURE 2-46. HOODS INSTALLATION - STEEL (DEUTZ D2011 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001157416 | Ref | HOODS INSTALLATION | J |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 1001161711 | 1 | Mount | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 6 | 0641608 | 31 | Bolt 3/8 x 7/8 | |
| 9 | 0641616 | 2 | Bolt 3/8 x 2 | |
| 10 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 11 | 0902673 | 1 | Bracket | |
| 12 | 0940049 | 1 | Stopper, Hood | |
| 13 | 1120601 | 1 | Plug | |
| 14 | 2080040 | 4 | Fastener, Huck | |
| 15 | 2080072 | 4 | Retainer | |
| 16 | 2940045 | 2 | Latch, Paddle | |
| 17 | 3300364 | 5 | Nut, Tinnerman | |
| 18 | 3311405 | 4 | Nut 1/4 | |
| 19 | 3311501 | 2 | Nut 5/16 | |
| 21 | 3311601 | 8 | Nut 3/8 | |
| 22 | 3311605 | 39 | Nut 3/8 | |
| 23 | 3520030 | 1 | Plug, Hole | |
| 24 | 3900210 | 5 | Screw, Button Head 5/16 x 3/4 | |
| 25 | 3900316 | 2 | Screw, Button Head 3/8 x 1 | |
| 26 | 3960389 | 54 in/1.4m | Seal | |
| 28 | 4160194 | 4 | Spring, Gas | |
| 31 | 4751400 | 12 | Washer 1/4 | |
| 32 | 4751500 | 7 | Washer 5/16 | |
| 33 | 4751600 | 80 | Washer 3/8 | |
| 34 | 1001110166 | 59 in /1.5mm | Seal | |
| 35 | 1001113047 | 84 in /2.14m | Seal | |
| 36 | 1001116280 | 1 | Bracket, Hood | |
| 37 | 1001116322 | 1 | Door | |
| 38 | 1001116344 | 1 | Door | |
| 39 | 1001117249 | 1 | Plate, Seal | |
| 40 | 1001116358 | 1 | Bracket | |
| 43 | 1001117027 | 1 | Bracket | |
| 44 | 1001117307 | 1 | Decal - Emergency Stop | |
| 46 | 1001126828 | 5 | Nut, Tinnerman | |
| 48 | 1001150260 | 4 | Plate | |
| 49 | 1001173580 | 1 | Plate | |
| 50 | 1001250295 | 1 | Bracket, Striker | |
| 51 | 1001157025 | 1 | Bracket | |
| 52 | 1001157344 | 1 | Bracket | |
| 53 | 1001157474 | 1 | Bracket | |
| 54 | 1001157475 | 1 | Panel | |
| 56 | 1001157612 | 1 | Bracket | |
| 58 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 59 | 0940088 | 1 | Bumper | |
| 60 | 3321501 | 2 | Nut 5/16 | |
| 63 | 4420038 | 6 in/16cm | Tape | |
| 64 | 0811610 | 8 | Screw 3/8 x 1-1/4 | |
| 65 | 1001157284 | 1 | Mount | |
| 66 | 1001186251 | 4 | Plate | |
| 67 | 8310070 | 8 | Push-nut 3/8 | |
| 68 | 0630485 | 8 | Bolt, Carriage | |
| 69 | 0641408 | 8 | Bolt 1/4 x 1 | |
| 70 | 1001186254 | 4 | Hinge | |
| 71 | 2940173 | 2 | Latch | |
| 72 | 1001196768 | 1 | Bracket | |
| 73 | 0641609 | 9 | Bolt 3/8 x 1-1/8 | |
| 74 | 1001250294 | 1 | Bracket | |
| 75 | 1001243414 | 2 | Bolt 3/8 | |
| 76 | 4891600 | 8 | Washer 3/8 | |
| 100 | 1001174283 | 1 | Hood Kit - Standard Machines (Not Shown - Includes Items 101-104) | C |
| 101 | 1001157208 | 1 | Hood Assembly - Engine Side Rear (See Items 251-261 for Breakdown) | |
| 102 | 1001157209 | 1 | Hood Assembly - Tank Side Rear (See Items 351-361 for Breakdown) | |
| 103 | 1001116558 | 1 | Hood - Tank Side Front | |
| 104 | 1001116620 | 1 | Hood - Engine Side Front | |
| | 1001157208 | Ref | HOOD ASSEMBLY - ENGINE SIDE REAR | D |
| 251 | 0100011 | AR | Compound, Locking | |
| 252 | 0700618 | 1 | Bolt M6 x 50 | |
| 253 | 2560187 | 1 | Handle, Push Button | |
| 254 | 3290601 | 1 | Nut M6 | |
| 255 | 3311505 | 3 | Nut 5/16 | |
| 256 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 257 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 258 | 4711500 | 3 | Washer 5/16 | |
| 259 | 1001116290 | 1 | Plate, Latch Mounting | |
| 261 | 4751400 | 2 | Washer 1/4 | |
| | 1001157209 | Ref | HOOD ASSEMBLY - TANK SIDE REAR | C |
| 351 | 0100011 | AR | Compound, Locking | |
| 352 | 0700617 | 1 | Bolt M6 x 45 | |
| 353 | 2560187 | 1 | Handle, Push Button | |
| 354 | 0700615 | 1 | Nut M6 | |
| 355 | 3311505 | 3 | Nut 5/16 | |
| 356 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 357 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 358 | 4711500 | 3 | Washer 5/16 | |
| 359 | 1001116290 | 1 | Plate, Latch Mounting | |
| 361 | 4751400 | 2 | Washer 1/4 | |
| | 0272081 | Ref | NOISE REDUCTION INSTALLATION (DEUTZ ENGINE MACHINES) | 4-D |
| 401 | 2820078 | 1 | Foam, Acoustical (Not Shown) | |

## FIGURE 2-47. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 (STAGE V) ENGINES) (CE & UK CA SPECS)



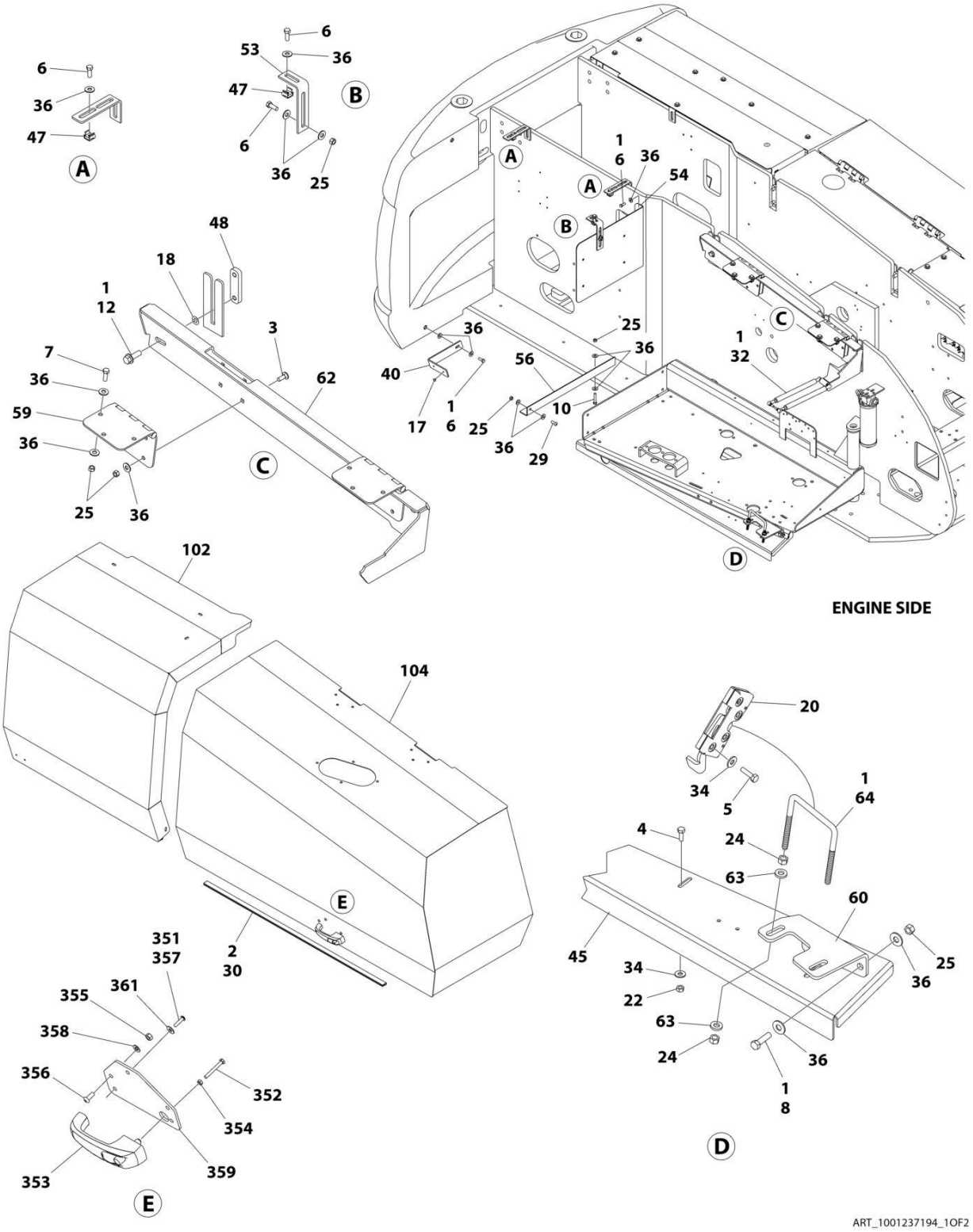

ART_1001237055_2OF2

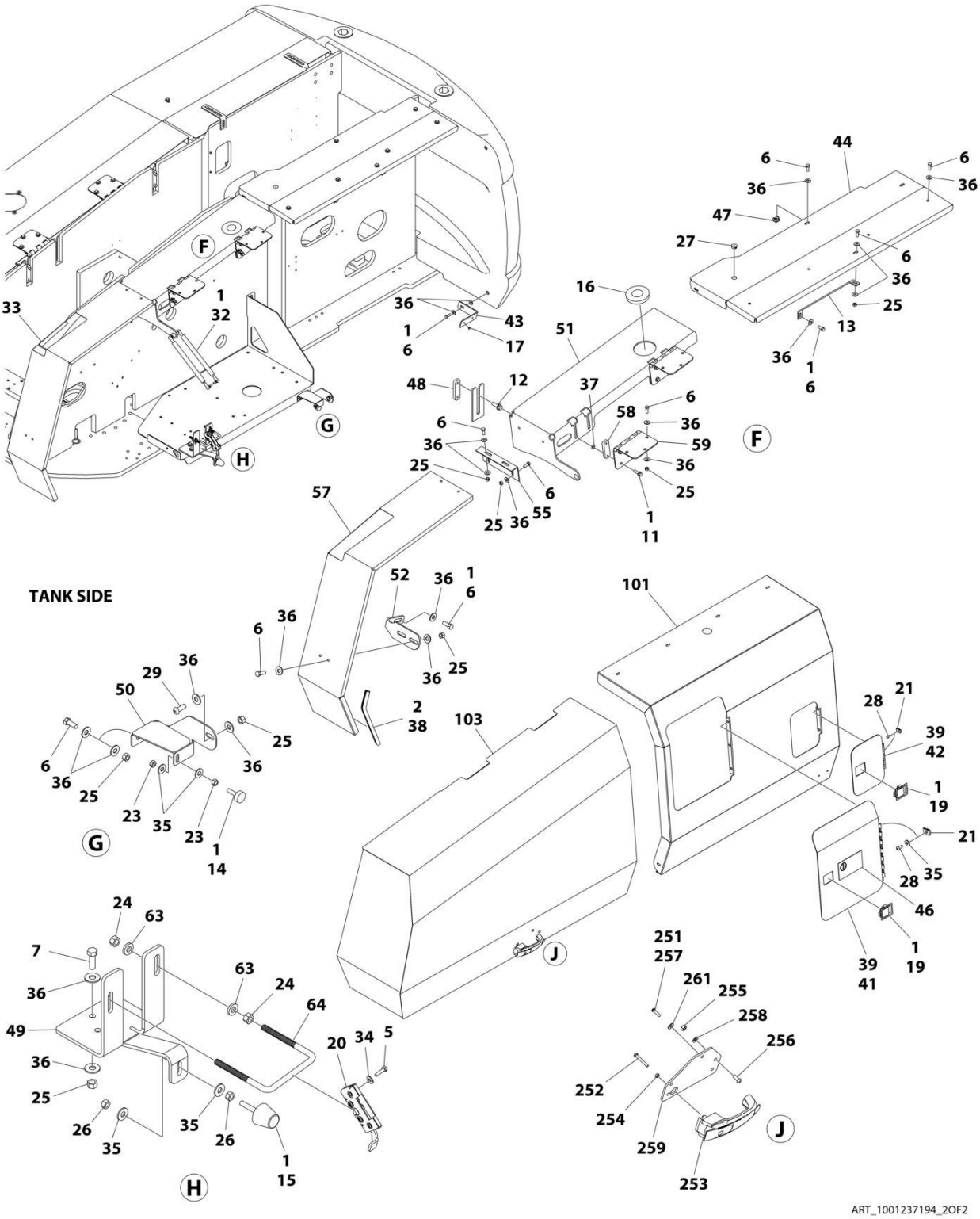
## FIGURE 2-47. HOODS INSTALLATION - ABS (DEUTZ TD2.9L4 (STAGE V) ENGINES) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001237055 | Ref | HOODS INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0362770 | 1 | Bar, Panel Mounting | |
| 3 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 4 | 0641508 | 6 | Bolt 5/16i x 1 | |
| 5 | 0641608 | 32 | Bolt 3/8 x 1 | |
| 6 | 0641609 | 2 | Bolt 3/8 x 1-1/8 | |
| 7 | 0641610 | 3 | Bolt 3/8 x 1-1/4 | |
| 8 | 0641614 | 3 | Bolt 3/8 x 1-3/4 | |
| 9 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 10 | 0721006 | 6 | Screw #10 x 3/4 | |
| 11 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 12 | 0902219 | 2 | Bracket, Bumper | |
| 13 | 0902223 | 1 | Bracket, Latch | |
| 14 | 0902412 | 1 | Bracket, Hood Mounting | |
| 15 | 0902491 | 1 | Bracket, Latch | |
| 16 | 0902673 | 1 | Bracket, Support (Front Cover) | |
| 17 | 0902674 | 1 | Bracket, Support (Front Cover) | |
| 18 | 0902769 | 1 | Bracket, Bumper Support | |
| 19 | 0940071 | 3 | Bumper | |
| 20 | 0940088 | 2 | Bumper | |
| 21 | 1120601 | 1 | Plug, Cap | |
| 22 | 1671201 | 1 | Cover | |
| 23 | 1671228 | 1 | Hood Assembly - Tank Side (See Items 101-113 for Breakdown) | |
| 24 | 2540035 | 3 | Grommet | |
| 25 | 2600244 | 1 | Hinge, Adapter Panel | |
| 26 | 2680490 | 1 | Hood, Right Cover | |
| 27 | 2940188 | 3 | Latch, Spring Clip | |
| 28 | 3311005 | 6 | Nut #10 | |
| 29 | 3311405 | 4 | Nut 1/4 | |
| 30 | 3311505 | 9 | Nut 5/16 | |
| 31 | 3311601 | 6 | Nut 3/8 | |
| 32 | 3311605 | 12 | Nut 3/8 | |
| 33 | 3321501 | 4 | Nut 5/16 | |
| 34 | 3380444 | 1 | Panel, Adapter | |
| 35 | 3380575 | 1 | Panel, Cover | |
| 36 | 3960389 | 3.5 ft/ 1.1m | Seal (Not Shown) | |
| 37 | 3960470 | 1 | Seal, Latch | |
| 38 | 4160139 | 2 | Spring, Gas (Tank Side) | |
| 39 | 4160143 | 1 | Spring, Gas (Engine Side) | |
| 40 | 4711600 | 2 | Washer 3/8 | |
| 41 | 4740076 | 5 | Washer, Fender | |
| 42 | 4751000 | 12 | Washer #10 | |
| 43 | 4751400 | 4 | Washer 1/4 | |
| 44 | 4751500 | 19 | Washer 5/16 | |
| 45 | 4751600 | 63 | Washer 5/16 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001126828 | 6 | Nut, Tinnerman | |
| 47 | 1001150260 | 4 | Plate | |
| 48 | 1001157021 | 1 | Bracket | |
| 49 | 1001157474 | 1 | Bracket | |
| 50 | 1001157475 | 1 | Panel | |
| 51 | 1001157736 | 1 | Panel | |
| 52 | 1001161711 | 1 | Angle, Hood Support | |
| 53 | 1001204648 | 1 | Plate, Seal | |
| 54 | 1001236392 | 1 | Bracket, Hood Mounting | |
| 55 | 1001236387 | 1 | Hood Assembly - Engine Side (See Items 201-251 for Breakdown) | |
| | 1671228 | Ref | HOOD ASSEMBLY (TANK SIDE) | A |
| 101 | 1671231 | 1 | Hood | |
| 102 | 1671232 | 1 | Frame, Tubular | |
| 103 | 2940088 | 2 | Latch | |
| 104 | 0721008 | 4 | Screw, Machine #10 x 1 | |
| 105 | 4751000 | 4 | Washer #10 | |
| 106 | 3311001 | 4 | Nut #10 | |
| 107 | 2600233 | 1 | Hinge | |
| 108 | 1321384 | 4 | Hold Down | |
| 109 | 0641606 | 9 | Bolt 3/8 x 3/4 | |
| 110 | 4711600 | 9 | Washer 3/8 | |
| 111 | 3960464 | 83 in/ 2.11m | Seal | |
| 112 | 3960438 | 55 in/1.4m | Seal | |
| 113 | 3960462 | 53 in/ 1.35m | Seal | |
| | 1001236387 | Ref | HOOD ASSEMBLY (ENGINE SIDE) | C |
| 201 | 0100011 | 1 | Compound, Locking | |
| 202 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 203 | 0641608 | 6 | Bolt 3/8 x 1 | |
| 204 | 0721008 | 2 | Screw, Machine #10 x 1 | |
| 205 | 1321384 | 4 | Hold Down | |
| 206 | 2600209 | 1 | Hinge | |
| 207 | 2940088 | 1 | Latch | |
| 208 | 3311001 | 2 | Nut #10 | |
| 210 | 3960462 | 61 in/ 1.55m | Seal | |
| 211 | 3960464 | 65 in/ 1.67m | Seal | |
| 212 | 4740500 | 3 | Washer (Special) | |
| 213 | 4751000 | 2 | Washer #10 | |
| 214 | 4751600 | 16 | Washer 3/8 | |
| 215 | 1001117140 | AR | Tape, Aluminum | |
| 216 | 1001270099 | AR | Insulation, Heat | |
| 218 | 1001236389 | 1 | Tube, Exhaust | |
| 219 | 1001236871 | 1 | Frame, Tubular | |
| 220 | 3271601 | 3 | Nut 3/8 | |
| 221 | 3900232 | 3 | Screw, Button Head 3/8 x 1-1/4 | |

## FIGURE 2-48. HOODS INSTALLATION – STEEL (DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH 03)



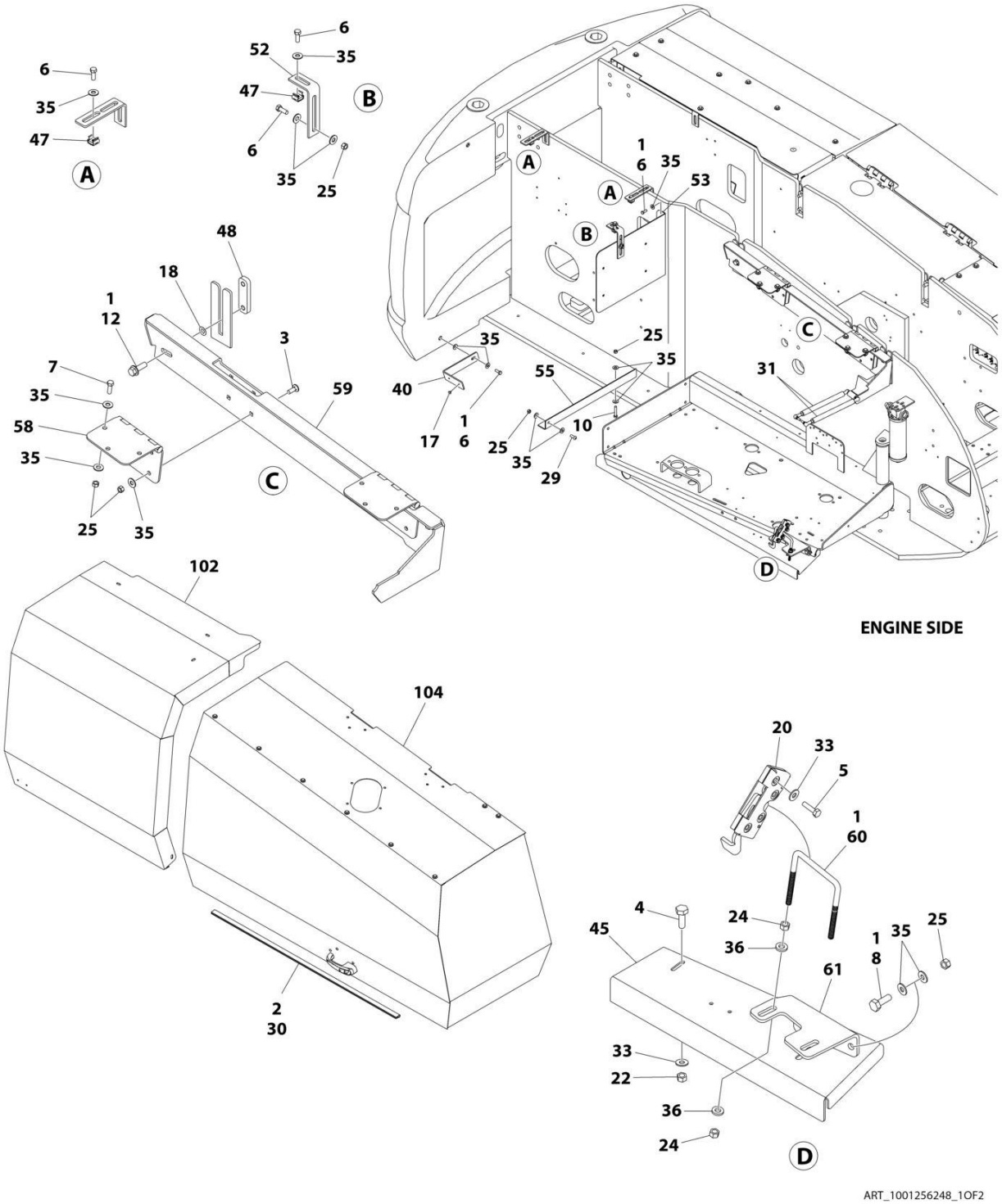

TANK SIDE
ART_1001237194_2OF2

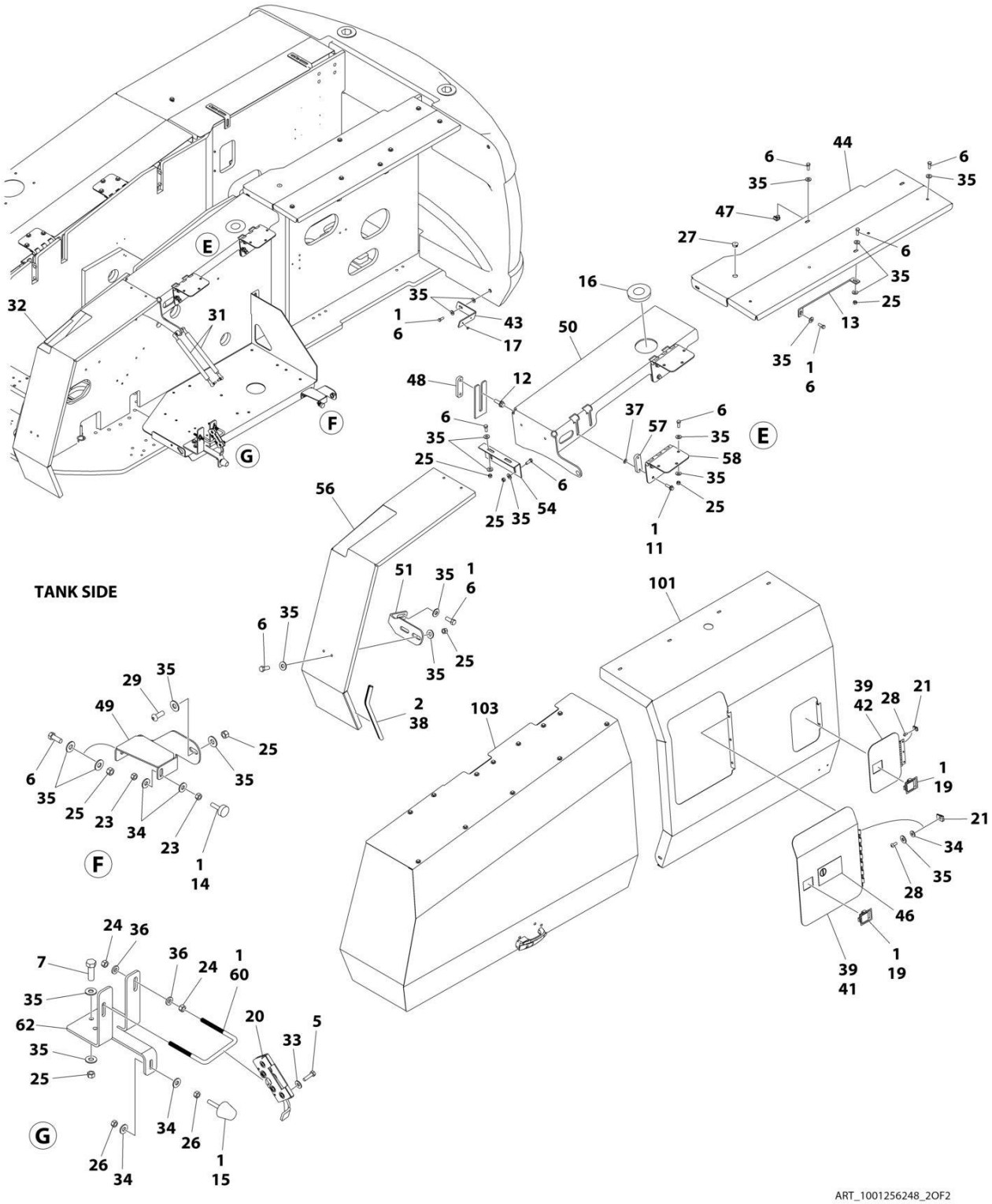
## FIGURE 2-48. HOODS INSTALLATION – STEEL (DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001237194 | Ref | HOODS INSTALLATION | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 0630485 | 8 | Bolt, Carriage | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 5 | 0641408 | 8 | Bolt 1/4 x 1 | |
| 6 | 0641608 | 30 | Bolt 3/8 x 7/8 | |
| 7 | 0641609 | 9 | Bolt 3/8 x 1-1/8 | |
| 8 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |
| 10 | 0641616 | 2 | Bolt 3/8 x 2 | |
| 11 | 0811610 | 8 | Screw 3/8 x 1-1/4 | |
| 12 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 13 | 0902673 | 1 | Bracket | |
| 14 | 0940049 | 1 | Stopper, Hood | |
| 15 | 0940088 | 1 | Bumper | |
| 16 | 1120601 | 1 | Plug | |
| 17 | 2080040 | 4 | Fastener, Huck | |
| 18 | 2080072 | 4 | Retainer | |
| 19 | 2940045 | 2 | Latch, Paddle | |
| 20 | 2940173 | 2 | Latch | |
| 21 | 3300364 | 5 | Nut, Tinnerman | |
| 22 | 3311405 | 4 | Nut 1/4 | |
| 23 | 3311501 | 2 | Nut 5/16 | |
| 24 | 3311601 | 8 | Nut 3/8 | |
| 25 | 3311605 | 39 | Nut 3/8 | |
| 26 | 3321501 | 2 | Nut 5/16 | |
| 27 | 3520030 | 1 | Plug, Hole | |
| 28 | 3900210 | 5 | Screw, Button Head 5/16 x 3/4 | |
| 29 | 3900316 | 3 | Screw, Button Head 3/8 x 1 | |
| 30 | 3960389 | 54 in/1.4m | Seal | |
| 32 | 4160194 | 4 | Spring, Gas | |
| 33 | 4420038 | 6 in/16cm | Tape | |
| 34 | 4751400 | 12 | Washer 1/4 | |
| 35 | 4751500 | 7 | Washer 5/16 | |
| 36 | 4751600 | 79 | Washer 3/8 | |
| 37 | 8310070 | 8 | Push-nut 3/8 | |
| 38 | 1001110166 | 59 in /1.5mm | Seal | |
| 39 | 1001113047 | 84 in /2.14m | Seal | |
| 40 | 1001116280 | 1 | Bracket, Hood | |
| 41 | 1001116322 | 1 | Door | |
| 42 | 1001116344 | 1 | Door | |
| 43 | 1001116358 | 1 | Bracket | |
| 44 | 1001117027 | 1 | Bracket | |
| 45 | 1001117249 | 1 | Plate, Seal | |
| 46 | 1001117307 | 1 | Decal - Emergency Stop | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 47 | 1001126828 | 5 | Nut, Tinnerman | |
| 48 | 1001150260 | 4 | Plate | |
| 49 | 1001250295 | 1 | Bracket | |
| 50 | 1001157025 | 1 | Bracket | |
| 51 | 1001157284 | 1 | Mount | |
| 52 | 1001157344 | 1 | Bracket | |
| 53 | 1001157474 | 1 | Bracket | |
| 54 | 1001157475 | 1 | Panel | |
| 55 | 1001157612 | 1 | Bracket | |
| 56 | 1001161711 | 1 | Mount | |
| 57 | 1001173580 | 1 | Plate | |
| 58 | 1001186251 | 4 | Plate | |
| 59 | 1001186254 | 4 | Hinge | |
| 60 | 1001250294 | 1 | Bracket | |
| 62 | 1001196768 | 1 | Bracket | |
| 63 | 4891600 | 8 | Washer 3/8 | |
| 64 | 1001243414 | 2 | Bolt 3/8 | |
| 100 | 1001237286 | 1 | Hood Kit - Standard Machines (Not Shown - Includes Items 101-104) | |
| 101 | 1001116558 | 1 | Hood - Tank Side Front | |
| 102 | 1001116620 | 1 | Hood - Engine Side Front | |
| 103 | 1001157209 | 1 | Hood Assembly - Tank Side Rear (See Items 351-361 for Breakdown) | |
| 104 | 1001237205 | 1 | Hood Assembly - Engine Side Rear (See Items 351-361 for Breakdown) | |
| | 1001157209 | Ref | HOOD ASSEMBLY - TANK SIDE REAR | C |
| 251 | 0100011 | AR | Compound, Locking | |
| 252 | 0700615 | 1 | Bolt M6 x 35 | |
| 253 | 2560187 | 1 | Handle, Push Button | |
| 254 | 3290601 | 1 | Nut M6 | |
| 255 | 3311505 | 3 | Nut 5/16 | |
| 256 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 257 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 258 | 4711500 | 3 | Washer 5/16 | |
| 259 | 1001116290 | 1 | Plate, Latch Mounting | |
| 261 | 4751400 | 2 | Washer 1/4 | |
| | 1001237205 | Ref | HOOD ASSEMBLY - ENGINE SIDE REAR | B |
| 351 | 0100011 | AR | Compound, Locking | |
| 252 | 0700618 | 1 | Bolt M6 x 50 | |
| 353 | 2560187 | 1 | Handle, Push Button | |
| 354 | 3290601 | 1 | Nut M6 | |
| 355 | 3311505 | 3 | Nut 5/16 | |
| 356 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 357 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 358 | 4711500 | 3 | Washer 5/16 | |
| 359 | 1001116290 | 1 | Plate, Latch Mounting | |
| 361 | 4751400 | 2 | Washer 1/4 | |

## FIGURE 2-49. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH B3)



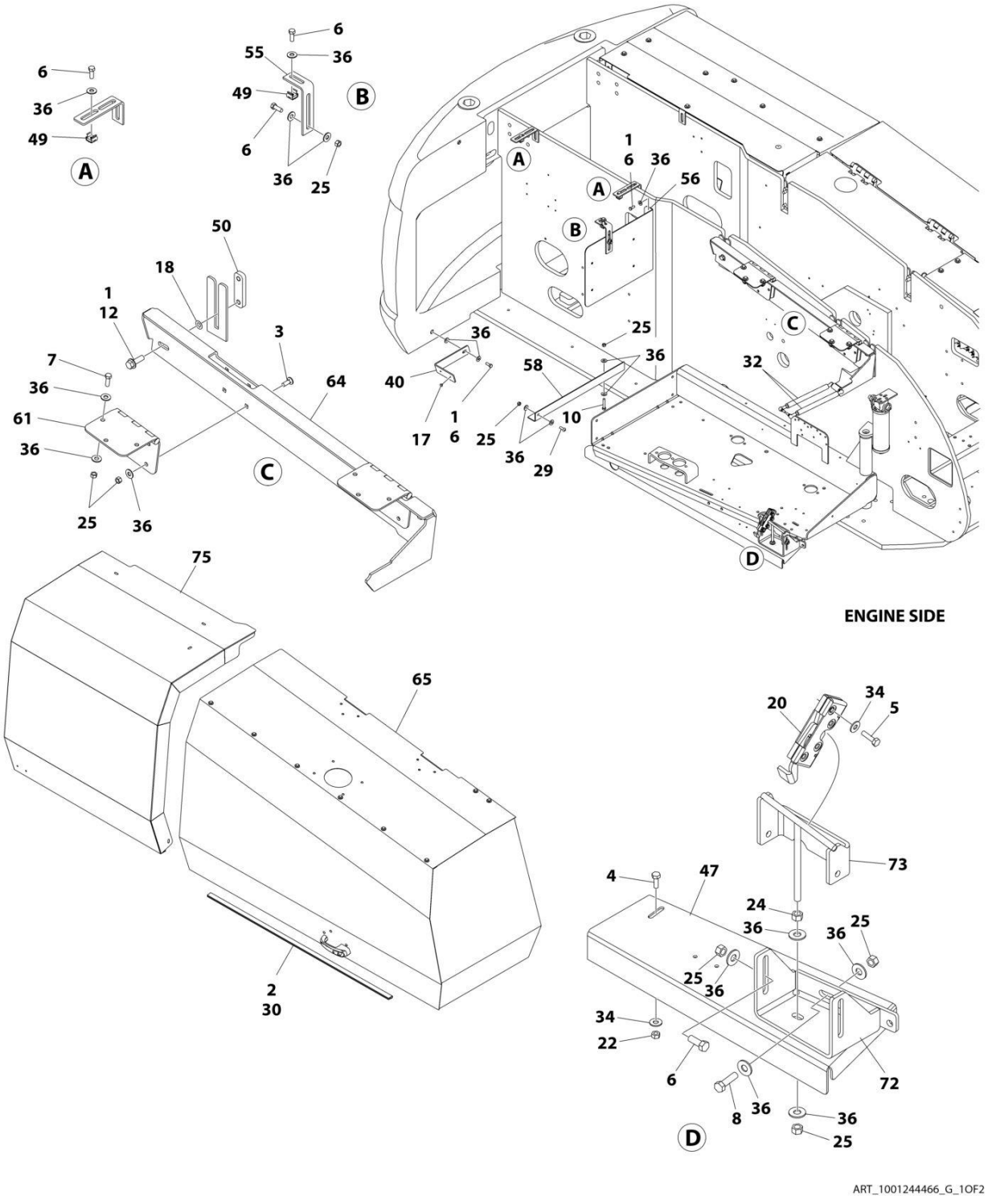

TANK SIDE
ART_1001256248_2OF2

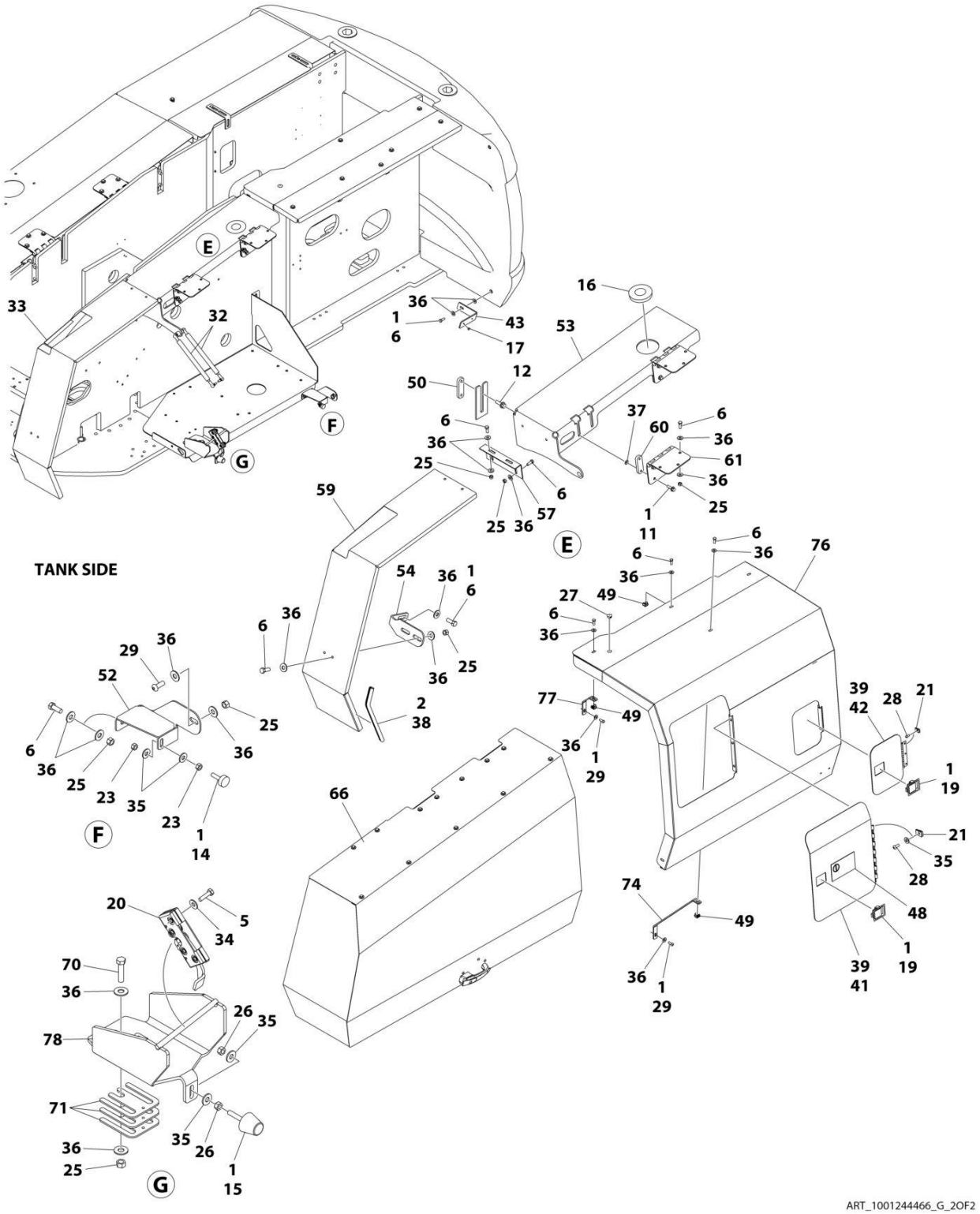
## FIGURE 2-49. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 (STAGE V) ENGINES) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001256248 | Ref | HOODS INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 0630485 | 8 | Bolt, Carriage | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 5 | 0641408 | 8 | Bolt 1/4 x 1 | |
| 6 | 0641608 | 31 | Bolt 3/8 x 7/8 | |
| 7 | 0641609 | 9 | Bolt 3/8 x 1-1/8 | |
| 8 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |
| 10 | 0641616 | 2 | Bolt 3/8 x 2 | |
| 11 | 0811610 | 8 | Screw 3/8 x 1-1/4 | |
| 12 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 13 | 0902673 | 1 | Bracket | |
| 14 | 0940049 | 1 | Stopper, Hood | |
| 15 | 0940088 | 1 | Bumper | |
| 16 | 1120601 | 1 | Plug | |
| 17 | 2080040 | 4 | Fastener, Huck | |
| 18 | 2080072 | 4 | Retainer | |
| 19 | 2940045 | 2 | Latch, Paddle | |
| 20 | 2940173 | 2 | Latch | |
| 21 | 3300364 | 5 | Nut, Tinnerman | |
| 22 | 3311405 | 4 | Nut 1/4 | |
| 23 | 3311501 | 2 | Nut 5/16 | |
| 24 | 3311601 | 8 | Nut 3/8 | |
| 25 | 3311605 | 39 | Nut 3/8 | |
| 26 | 3321501 | 2 | Nut 5/16 | |
| 27 | 3520030 | 1 | Plug, Hole | |
| 28 | 3900210 | 5 | Screw, Button Head 5/16 x 3/4 | |
| 29 | 3900316 | 2 | Screw, Button Head 3/8 x 1 | |
| 30 | 3960389 | 54 in/1.4m | Seal | |
| 32 | 4160194 | 4 | Spring, Gas | |
| 33 | 4420038 | 6 in/16cm | Tape | |
| 34 | 4751400 | 12 | Washer 1/4 | |
| 35 | 4751500 | 7 | Washer 5/16 | |
| 36 | 4751600 | 80 | Washer 3/8 | |
| 37 | 8310070 | 8 | Push-nut 3/8in | |
| 38 | 1001110166 | 59 in /1.5mm | Seal | |
| 39 | 1001113047 | 84 in /2.14m | Seal | |
| 40 | 1001116280 | 1 | Bracket, Hood | |
| 41 | 1001116322 | 1 | Door | |
| 42 | 1001116344 | 1 | Door | |
| 43 | 1001116358 | 1 | Bracket | |
| 44 | 1001117027 | 1 | Bracket | |
| 45 | 1001117249 | 1 | Plate, Seal | |
| 46 | 1001117307 | 1 | Decal - Emergency Stop | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 47 | 1001126828 | 5 | Nut, Tinnerman | |
| 48 | 1001150260 | 4 | Plate | |
| 49 | 1001157025 | 1 | Bracket | |
| 50 | 1001157284 | 1 | Mount | |
| 51 | 1001157344 | 1 | Bracket | |
| 52 | 1001157474 | 1 | Bracket | |
| 53 | 1001157475 | 1 | Panel | |
| 54 | 1001157612 | 1 | Bracket | |
| 55 | 1001161711 | 1 | Mount | |
| 56 | 1001173580 | 1 | Plate | |
| 57 | 1001186251 | 4 | Plate | |
| 58 | 1001186254 | 4 | Hinge | |
| 59 | 1001196768 | 1 | Bracket | |
| 60 | 1001243414 | 2 | Bolt 3/8 | |
| 61 | 1001250294 | 1 | Bracket | |
| 62 | 1001250295 | 1 | Bracket | |
| 100 | 1001256247 | 1 | Hood Kit - Standard Machines (Not Shown - Includes Items 101-104) | |
| 101 | 1001116558 | 1 | Hood - Tank Side Front | |
| 102 | 1001116620 | 1 | Hood - Engine Side | |
| 103 | 1001244465 | 1 | Hood Assembly - Tank Side Rear (See Separate Breakdown in This Section) | |
| 104 | 1001256244 | 1 | Hood Assembly - Engine Side Rear (See Separate Breakdown in This Section) | |

## FIGURE 2-50. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)



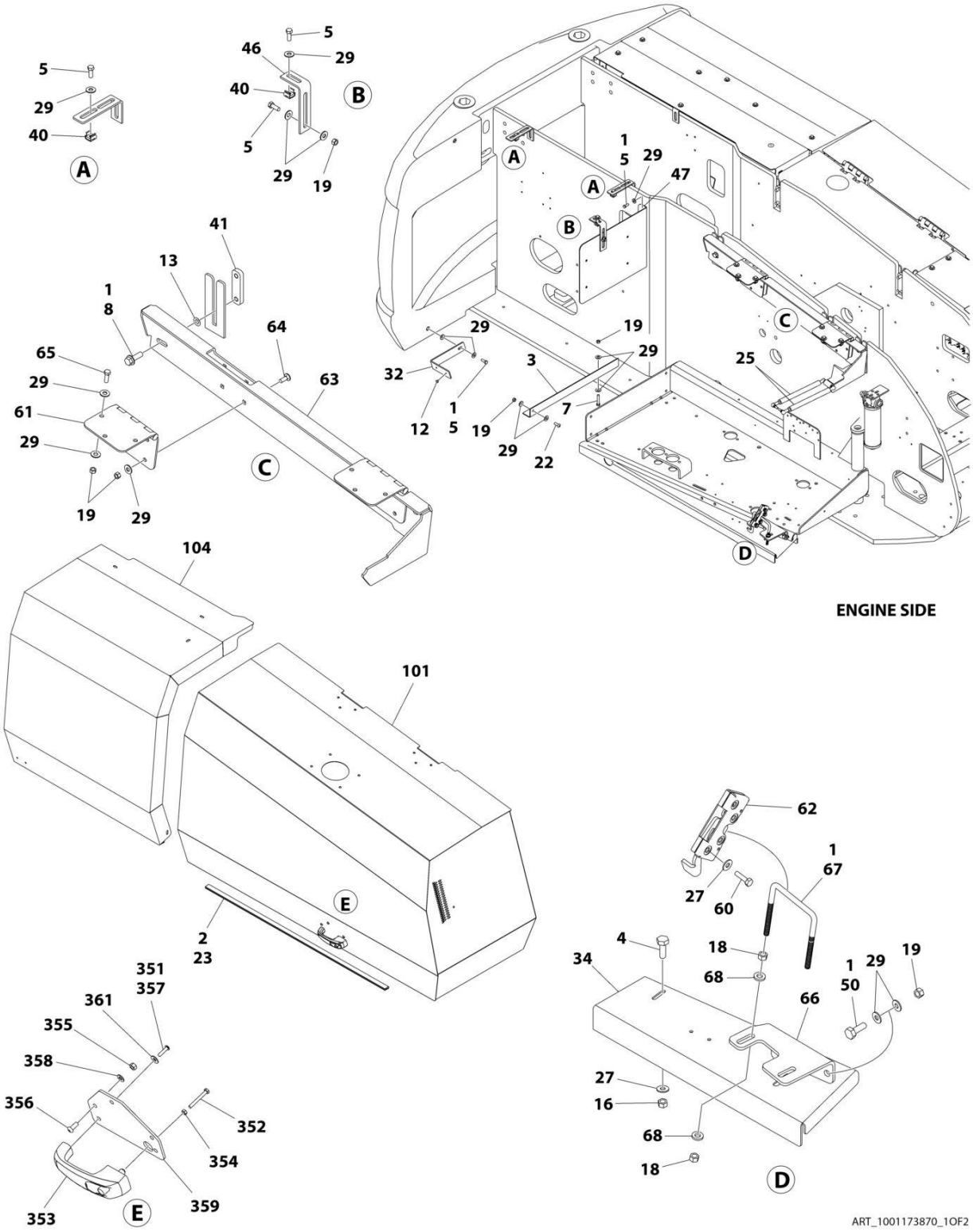

TANK SIDE
ART_1001244466_G_2OF2

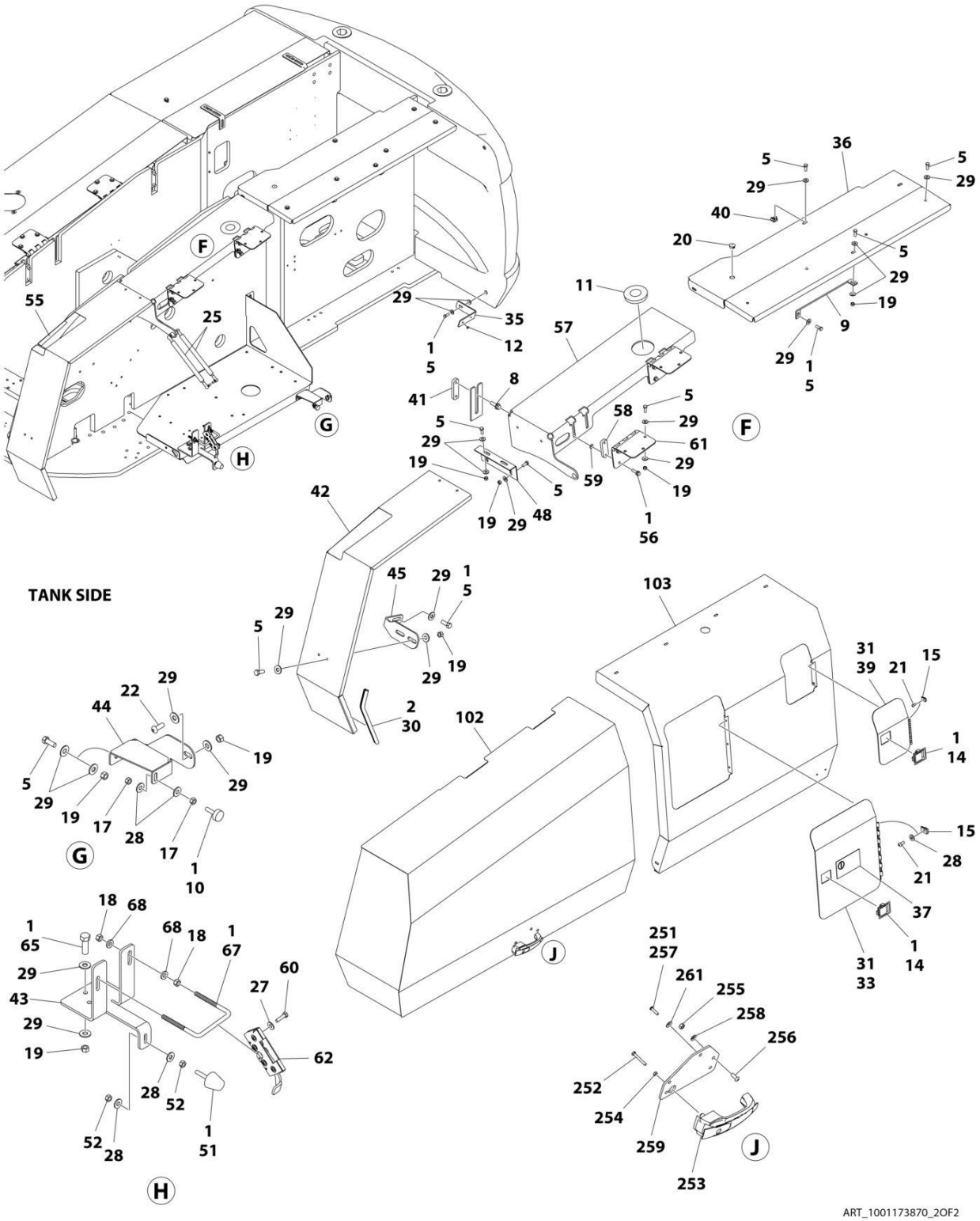
## FIGURE 2-50. HOODS INSTALLATION - STEEL (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001244466 | Ref | HOODS INSTALLATION | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 0630485 | 8 | Bolt, Carriage | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 5 | 0641408 | 8 | Bolt 1/4 x 1 | |
| 6 | 0641608 | AR | Bolt 3/8 x 7/8 | |
| 7 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 8 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |
| 10 | 0641616 | 2 | Bolt 3/8 x 2 | |
| 11 | 0811610 | 8 | Screw 3/8 x 1-1/4 | |
| 12 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 14 | 0940049 | 1 | Stopper, Hood | |
| 15 | 0940088 | 1 | Bumper | |
| 16 | 1120601 | 1 | Plug | |
| 17 | 2080040 | 4 | Fastener, Huck | |
| 18 | 2080072 | 4 | Retainer | |
| 19 | 2940045 | 2 | Latch, Paddle | |
| 20 | 2940173 | 2 | Latch | |
| 21 | 3300364 | 5 | Nut, Tinnerman | |
| 22 | 3311405 | 4 | Nut 1/4 | |
| 23 | 3311501 | 2 | Nut 5/16 | |
| 24 | 3311601 | 1 | Nut 3/8 | |
| 25 | 3311605 | 41 | Nut 3/8 | |
| 26 | 3321501 | 2 | Nut 5/16 | |
| 27 | 3520030 | 1 | Plug, Hole | |
| 28 | 3900210 | 5 | Screw, Button Head 5/16 x 3/4 | |
| 29 | 3900316 | 4 | Screw, Button Head 3/8 x 1 | |
| 30 | 3960389 | 54 in/1.4m | Seal | |
| 32 | 4160194 | 4 | Spring, Gas | |
| 33 | 4420038 | 6 in/16cm | Tape | |
| 34 | 4751400 | 12 | Washer 1/4 | |
| 35 | 4751500 | 7 | Washer 5/16 | |
| 36 | 4751600 | AR | Washer 3/8 | |
| 37 | 8310070 | 8 | Push-nut 3/8in | |
| 38 | 1001110166 | 59 in /1.5mm | Seal | |
| 39 | 1001113047 | 84 in /2.14m | Seal | |
| 40 | 1001116280 | 1 | Bracket, Hood | |
| 41 | 1001116322 | 1 | Door | |
| 42 | 1001116344 | 1 | Door | |
| 43 | 1001116358 | 1 | Bracket | |
| 47 | 1001117249 | 1 | Plate, Seal | |
| 48 | 1001117307 | 1 | Decal - Emergency Stop | |
| 49 | 1001126828 | 7 | Nut, Tinnerman | |
| 50 | 1001150260 | 4 | Plate | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 52 | 1001157025 | 1 | Bracket | |
| 53 | 1001157284 | 1 | Mount | |
| 54 | 1001157344 | 1 | Bracket | |
| 55 | 1001157474 | 1 | Bracket | |
| 56 | 1001157475 | 1 | Panel | |
| 57 | 1001157612 | 1 | Bracket | |
| 58 | 1001161711 | 1 | Mount | |
| 59 | 1001173580 | 1 | Plate | |
| 60 | 1001186251 | 4 | Plate | |
| 61 | 1001186254 | 4 | Hinge | |
| 64 | 1001196768 | 1 | Bracket | |
| 65 | 1001244463 | 1 | Hood Assembly - Engine Side Rear (See Separate Breakdown in This Section) | |
| 66 | 1001244465 | 1 | Hood Assembly - Tank Side Rear (See Separate Breakdown in This Section) | |
| 70 | 0641613 | 3 | Screw 3/8 x 1-5/8 | |
| 71 | 4071048 | 3 | Shim | |
| 72 | 1001186501 | 1 | Bracket | |
| 73 | 1001186502 | 1 | Bracket | |
| 74 | 1001269959 | 1 | Bracket | |
| 75 | 1001269988 | 1 | Hood, Engine Side | |
| 76 | 1001269989 | 1 | Hood, Tank Side | |
| 77 | 1001271074 | 1 | Bracket | |
| 78 | 1001272305 | 1 | Bracket | |
| | 0272081 | Ref | NOISE REDUCTION INSTALLATION (DEUTZ ENGINE MACHINES) | 4-D |
| 401 | 2820078 | 1 | Foam, Acoustical (Not Shown) | |

## FIGURE 2-51. HOODS INSTALLATION – STEEL WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH 03)



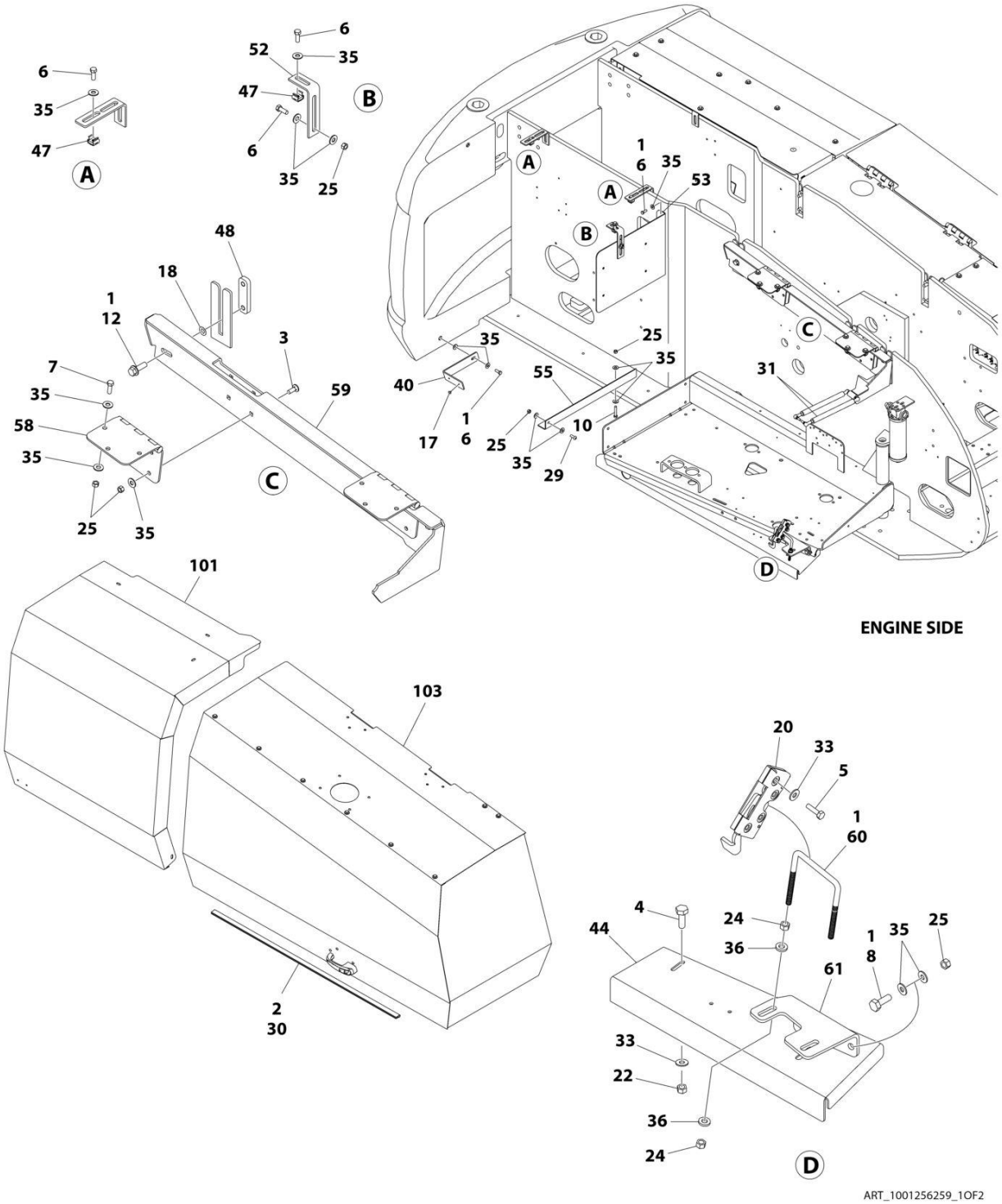

TANK SIDE
ART_1001173870_2OF2

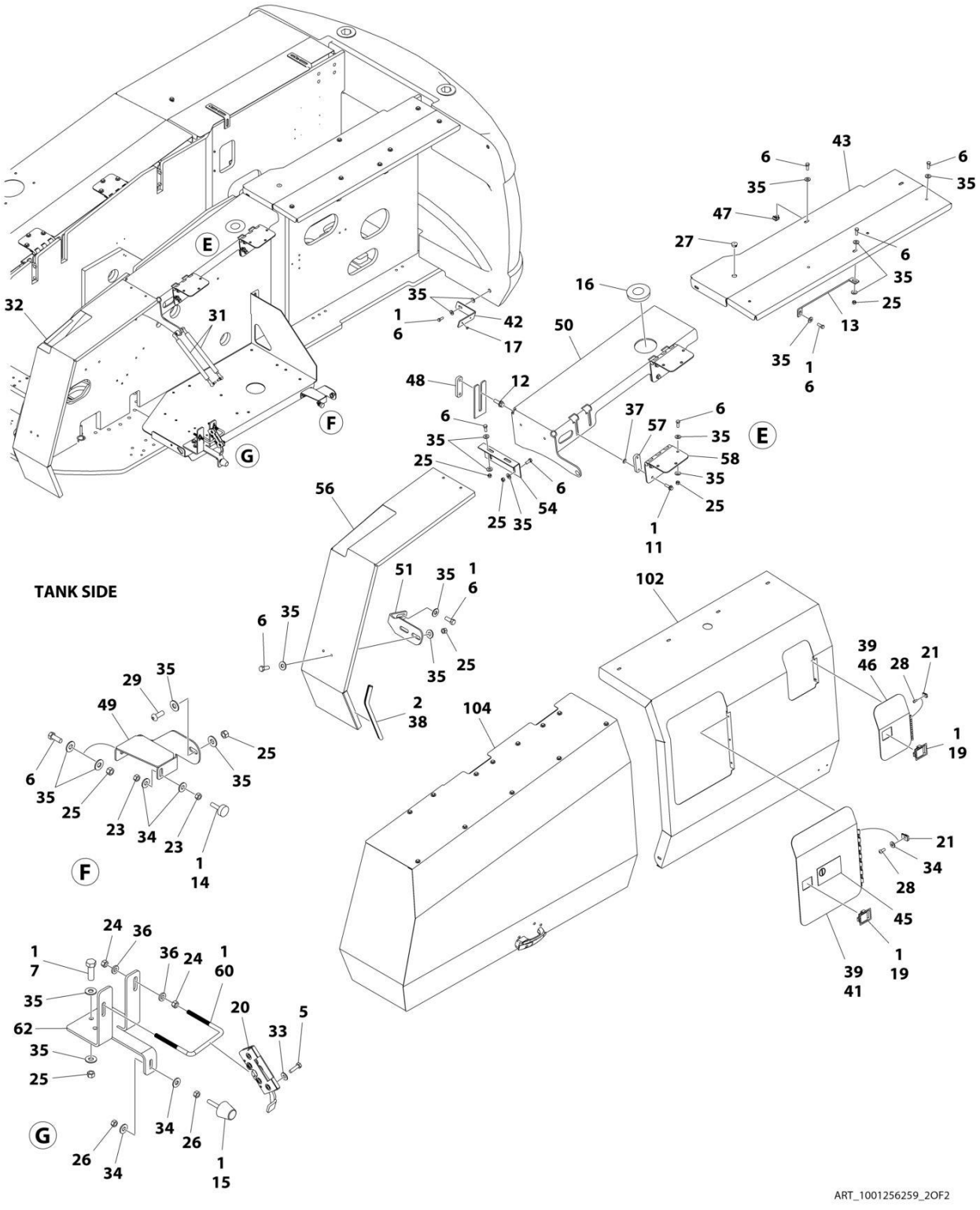
## FIGURE 2-51. HOODS INSTALLATION – STEEL WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001173870 | Ref | HOODS INSTALLATION | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 1001161711 | 1 | Mount | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 5 | 0641608 | 31 | Bolt 3/8 x 7/8 | |
| 7 | 0641616 | 2 | Bolt 3/8 x 2 | |
| 8 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 9 | 0902673 | 1 | Bracket | |
| 10 | 0940049 | 1 | Stopper, Hood | |
| 11 | 1120601 | 1 | Plug | |
| 12 | 2080040 | 4 | Fastener, Huck | |
| 13 | 2080072 | 4 | Retainer | |
| 14 | 2940045 | 2 | Latch, Paddle | |
| 15 | 3300364 | 5 | Nut, Tinnerman | |
| 16 | 3311405 | 4 | Nut 1/4 | |
| 17 | 3311501 | 2 | Nut 5/16 | |
| 18 | 3311601 | 8 | Nut 3/8 | |
| 19 | 3311605 | 39 | Nut 3/8 | |
| 20 | 3520030 | 1 | Plug, Hole | |
| 21 | 3900210 | 5 | Screw, Button Head 5/16 x 3/4 | |
| 22 | 3900316 | 2 | Screw, Button Head 3/8 x 1 | |
| 23 | 3960389 | 54 in/1.4m | Seal | |
| 25 | 4160194 | 4 | Spring, Gas | |
| 27 | 4751400 | 12 | Washer 1/4 | |
| 28 | 4751500 | 7 | Washer 5/16 | |
| 29 | 4751600 | 80 | Washer 3/8 | |
| 30 | 1001110166 | 59 in /1.5mm | Seal | |
| 31 | 1001113047 | 84 in /2.14m | Seal | |
| 32 | 1001116280 | 1 | Bracket, Hood | |
| 33 | 1001116322 | 1 | Door | |
| 34 | 1001117249 | 1 | Plate, Seal | |
| 35 | 1001116358 | 1 | Bracket | |
| 36 | 1001117027 | 1 | Bracket | |
| 37 | 1001117307 | 1 | Decal - Emergency Stop | |
| 39 | 1001125501 | 1 | Door | |
| 40 | 1001126828 | 5 | Nut, Tinnerman | |
| 41 | 1001150260 | 4 | Plate | |
| 42 | 1001173580 | 1 | Plate | |
| 43 | 1001250295 | 1 | Bracket, Striker | |
| 44 | 1001157025 | 1 | Bracket | |
| 45 | 1001157344 | 1 | Bracket | |
| 46 | 1001157474 | 1 | Bracket | |
| 47 | 1001157475 | 1 | Panel | |
| 48 | 1001157612 | 1 | Bracket | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |
| 51 | 0940088 | 1 | Bumper | |
| 52 | 3321501 | 2 | Nut 5/16 | |
| 55 | 4420038 | 6 in/16cm | Tape | |
| 56 | 0811610 | 8 | Screw 3/8 x 1-1/4 | |
| 57 | 1001157284 | 1 | Mount | |
| 58 | 1001186251 | 4 | Plate | |
| 59 | 8310070 | 8 | Pushnut 3/8in | |
| 60 | 0641408 | 8 | Bolt 1/4 x 1 | |
| 61 | 1001186254 | 4 | Hinge | |
| 62 | 2940173 | 2 | Latch | |
| 63 | 1001196768 | 1 | Bracket | |
| 64 | 0630485 | 8 | Bolt, Carriage | |
| 65 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 66 | 1001250294 | 1 | Bracket | |
| 67 | 1001243414 | 2 | Bolt 3/8 | |
| 68 | 4891600 | 8 | Screw 3/8 | |
| 100 | 1001174101 | 1 | Hood Kit - Hostile Environment Machines(Not Shown - Includes Items 101-104) | C |
| 101 | 1001162915 | 1 | Hood Assembly - Engine Side Rear (See Items 251-261 for Breakdown) | |
| 102 | 1001157209 | 1 | Hood Assembly - Tank Side Rear (See Items 351-361 for Breakdown) | |
| 103 | 1001125502 | 1 | Hood - Tank Side Front | |
| 104 | 1001116620 | 1 | Hood - Engine Side Front | |
| | 1001162915 | Ref | HOOD ASSEMBLY - ENGINE SIDE REAR | C |
| 251 | 0100011 | AR | Compound, Locking | |
| 252 | 0700618 | 1 | Bolt M6 x 50 | |
| 253 | 2560187 | 1 | Handle, Push Button | |
| 254 | 3290601 | 1 | Nut M6 | |
| 255 | 3311505 | 3 | Nut 5/16 | |
| 256 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 257 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 258 | 4711500 | 3 | Washer 5/16 | |
| 259 | 1001116290 | 1 | Plate, Latch Mounting | |
| 261 | 4751400 | 2 | Washer 1/4 | |
| | 1001157209 | Ref | HOOD ASSEMBLY - TANK SIDE REAR | B |
| 351 | 0100011 | 1 | Compound, Locking | |
| 352 | 0700617 | 1 | Bolt M6 x 45 | |
| 353 | 2560187 | 1 | Handle, Push Button | |
| 354 | 3290601 | 1 | Nut M6 | |
| 355 | 3311505 | 3 | Nut 5/16 | |
| 356 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 357 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 358 | 4711500 | 3 | Washer 5/16 | |
| 359 | 1001116290 | 1 | Plate, Latch Mounting | |
| 361 | 4751400 | 2 | Washer 1/4 | |
| | 0272081 | Ref | NOISE REDUCTION INSTALLATION (DEUTZ ENGINE MACHINES) | 4-D |
| 401 | 2820078 | 1 | Foam, Acoustical (Not Shown) | |

## FIGURE 2-52. HOODS INSTALLATION – STEEL WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)



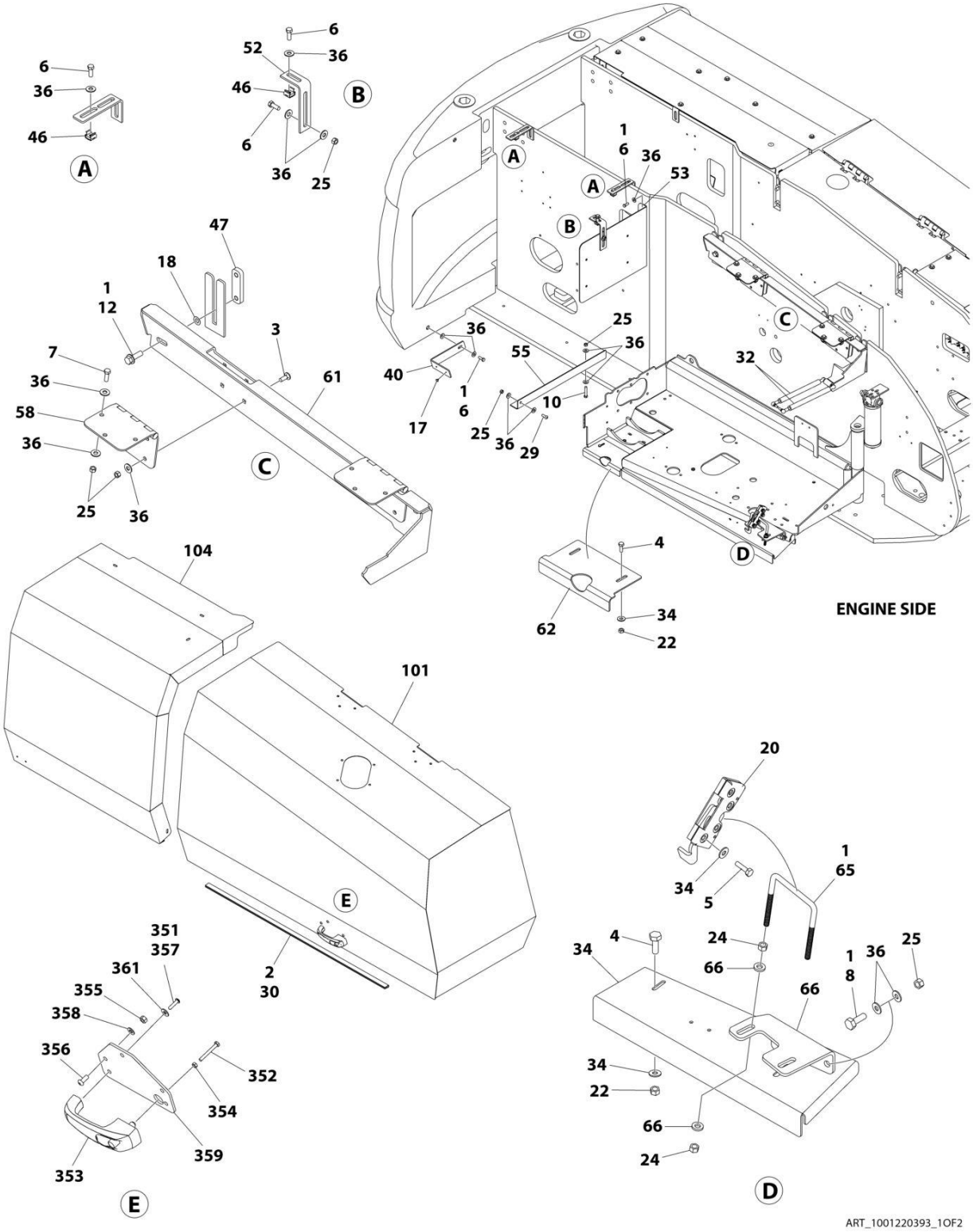

TANK SIDE
ART_1001256259_2OF2

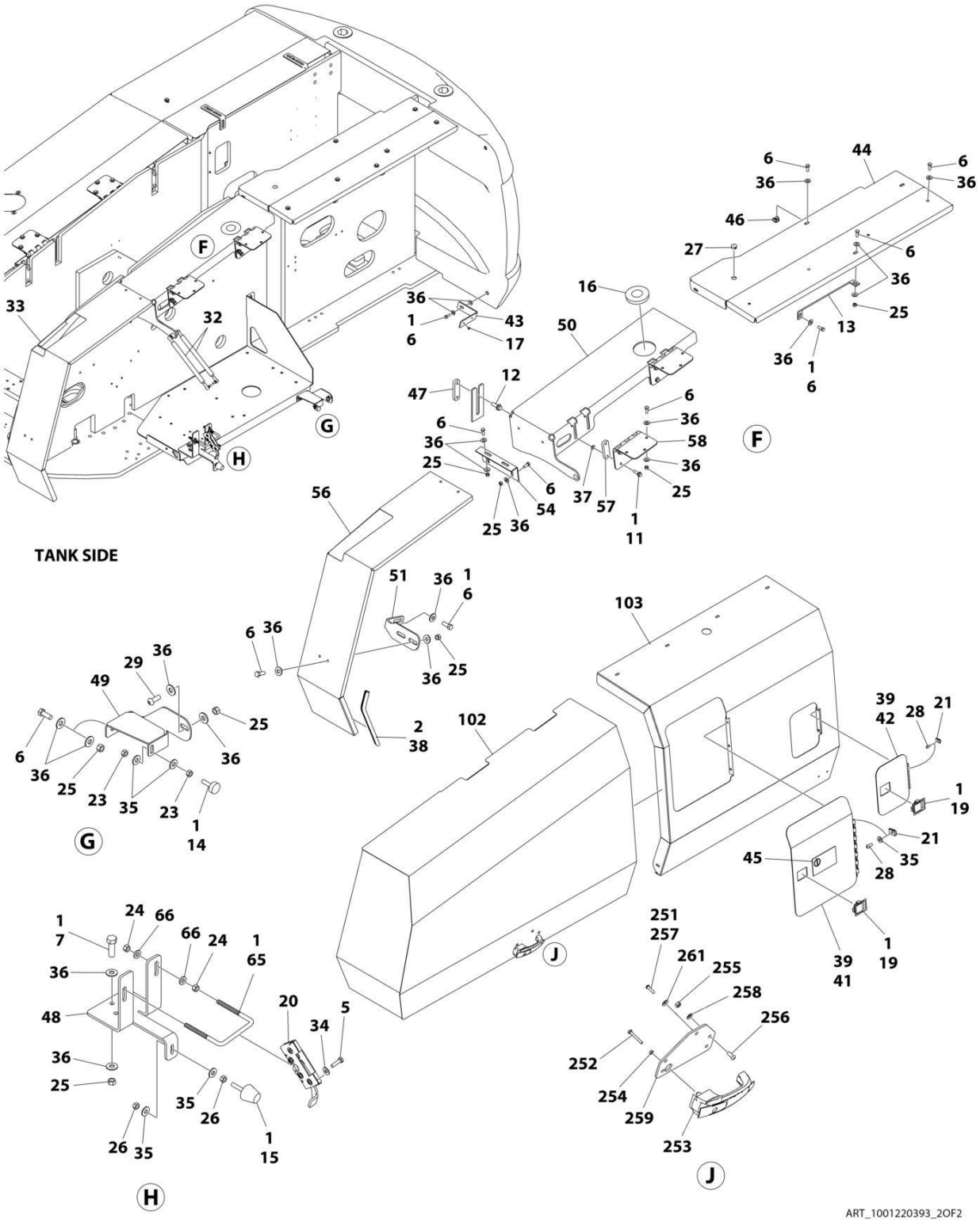
## FIGURE 2-52. HOODS INSTALLATION – STEEL WITH HOSTILE ENVIRONMENT MACHINES (DEUTZ TD2.9L4 ENGINES) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001256259 | Ref | HOODS INSTALLATIONS | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 0630485 | 8 | Bolt, Carriage | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 5 | 0641408 | 8 | Bolt 1/4 x 1 | |
| 6 | 0641608 | 31 | Bolt 3/8 x 7/8 | |
| 7 | 0641609 | 9 | Bolt 3/8 x 1-1/8 | |
| 8 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |
| 10 | 0641616 | 2 | Bolt 3/8 x 2 | |
| 11 | 0811610 | 8 | Screw 3/8 x 1-1/4 | |
| 12 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 13 | 0902673 | 1 | Bracket | |
| 14 | 0940049 | 1 | Stopper, Hood | |
| 15 | 0940088 | 1 | Bumper | |
| 16 | 1120601 | 1 | Plug | |
| 17 | 2080040 | 4 | Fastener, Huck | |
| 18 | 2080072 | 4 | Retainer | |
| 19 | 2940045 | 2 | Latch, Paddle | |
| 20 | 2940173 | 2 | Latch | |
| 21 | 3300364 | 5 | Nut, Tinnerman | |
| 22 | 3311405 | 4 | Nut 1/4 | |
| 23 | 3311501 | 2 | Nut 5/16 | |
| 24 | 3311601 | 8 | Nut 3/8 | |
| 25 | 3311605 | 39 | Nut 3/8 | |
| 26 | 3321501 | 2 | Nut 5/16 | |
| 27 | 3520030 | 1 | Plug, Hole | |
| 28 | 3900210 | 5 | Screw, Button Head 5/16 x 3/4 | |
| 29 | 3900316 | 2 | Screw, Button Head 3/8 x 1 | |
| 30 | 3960389 | 54 in/1.4m | Seal | |
| 31 | 4160194 | 4 | Spring, Gas | |
| 32 | 4420038 | 6 in/16cm | Tape | |
| 33 | 4751400 | 12 | Washer 1/4 | |
| 34 | 4751500 | 7 | Washer 5/16 | |
| 35 | 4751600 | 80 | Washer 3/8 | |
| 36 | 4891600 | 8 | Washer 3/8 | |
| 37 | 8310070 | 8 | Push-nut 3/8 | |
| 38 | 1001110166 | 59 in /1.5mm | Seal | |
| 39 | 1001113047 | 84 in /2.14m | Seal | |
| 40 | 1001116280 | 1 | Bracket, Hood | |
| 41 | 1001116322 | 1 | Door | |
| 42 | 1001116358 | 1 | Bracket | |
| 43 | 1001117027 | 1 | Bracket | |
| 44 | 1001117249 | 1 | Plate, Seal | |
| 45 | 1001117307 | 1 | Decal - Emergency Stop | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001125501 | 1 | Door | |
| 47 | 1001126828 | 5 | Nut, Tinnerman | |
| 48 | 1001150260 | 4 | Plate | |
| 49 | 1001157025 | 1 | Bracket | |
| 50 | 1001157284 | 1 | Mount | |
| 51 | 1001157344 | 1 | Bracket | |
| 52 | 1001157474 | 1 | Bracket | |
| 53 | 1001157475 | 1 | Panel | |
| 54 | 1001157612 | 1 | Bracket | |
| 55 | 1001161711 | 1 | Mount | |
| 56 | 1001173580 | 1 | Plate | |
| 57 | 1001186251 | 4 | Plate | |
| 58 | 1001186254 | 4 | Hinge | |
| 59 | 1001196768 | 1 | Bracket | |
| 60 | 1001243414 | 2 | Bolt 3/8 | |
| 61 | 1001250294 | 1 | Bracket | |
| 62 | 1001250295 | 1 | Bracket | |
| 100 | 1001256258 | 1 | Hood Kit - Hostile Environment Machines (Not Shown - Includes Items 101-104) | |
| 101 | 1001116620 | 1 | Hood - Engine Side Front | |
| 102 | 1001125502 | 1 | Hood - Tank Side Front | |
| 103 | 1001244463 | 1 | Hood Assembly - Engine Side Rear (See Separate Breakdown in this Section) | |
| 104 | 1001244465 | 1 | Hood Assembly - Tank Side Rear (See Separate Breakdown in this Section) | |

## FIGURE 2-53. HOODS INSTALLATION – STEEL (FORD DF 2.5L ENGINES)



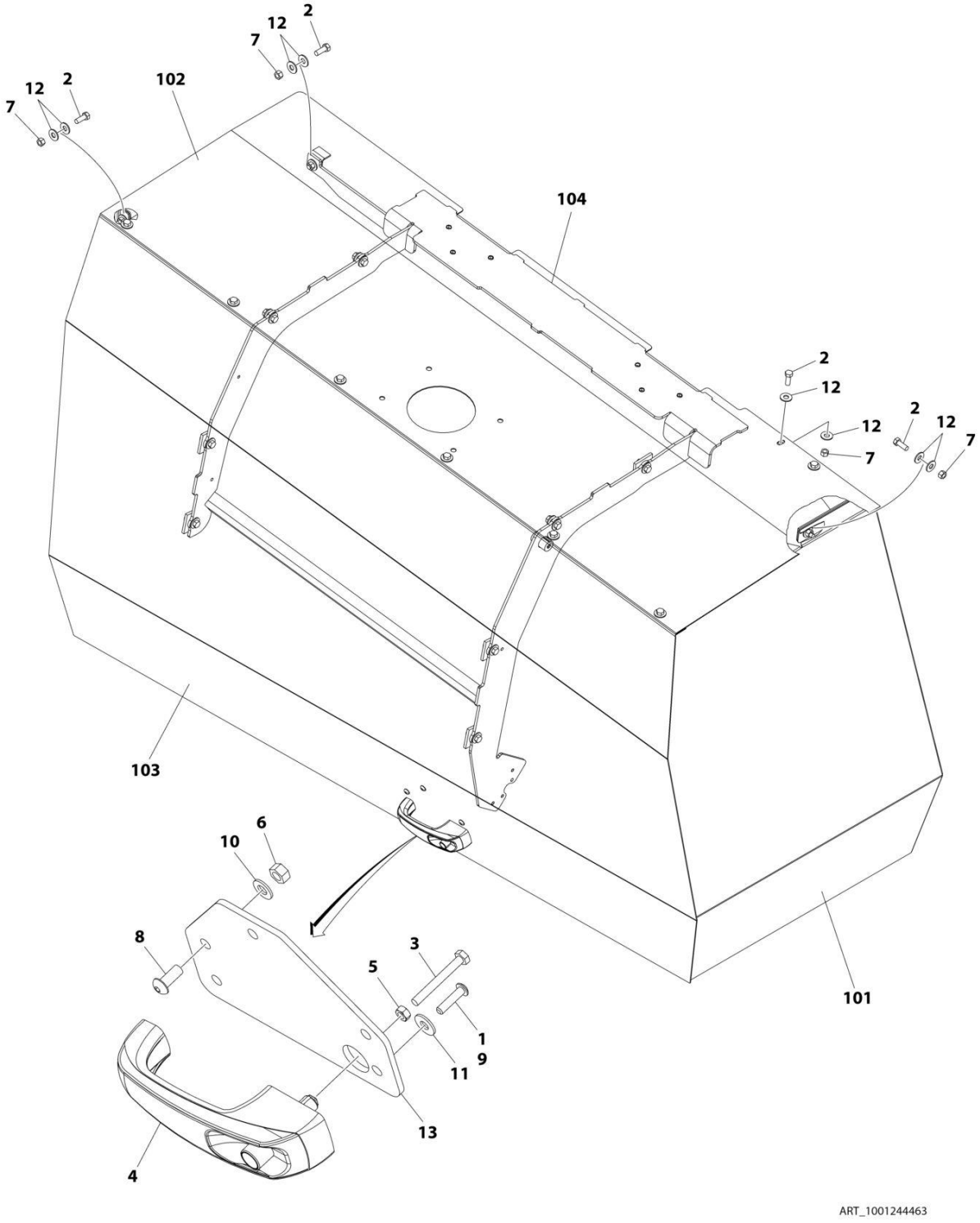

TANK SIDE
ART_1001220393_2OF2

## FIGURE 2-53. HOODS INSTALLATION – STEEL (FORD DF 2.5L ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | NOTE: REPLACEMENT DECALS MUST BE PURCHASED SEPARATELY - SEE DECALS SECTION. | |
| | 1001220393 | Ref | HOODS INSTALLATION | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 0630485 | 8 | Bolt, Carriage | |
| 4 | 0641406 | 5 | Bolt 1/4 x 3/4 | |
| 5 | 0641408 | 8 | Bolt 1/4 x 1 | |
| 6 | 0641608 | 31 | Bolt 3/8 x 7/8 | |
| 7 | 0641609 | 9 | Bolt 3/8 x 1-1/8 | |
| 8 | 0641611 | 2 | Bolt 3/8 x 1-3/8 | |
| 10 | 0641616 | 2 | Bolt 3/8 x 2 | |
| 11 | 0811610 | 8 | Screw 3/8 x 1-1/4 | |
| 12 | 0811812 | 8 | Bolt 1/2 x 1-1/2 | |
| 13 | 0902673 | 1 | Bracket | |
| 14 | 0940049 | 1 | Stopper, Hood | |
| 15 | 0940088 | 1 | Bumper | |
| 16 | 1120601 | 1 | Plug | |
| 17 | 2080040 | 4 | Fastener, Huck | |
| 18 | 2080072 | 4 | Retainer | |
| 19 | 2940045 | 2 | Latch, Paddle | |
| 20 | 2940173 | 2 | Latch | |
| 21 | 3300364 | 5 | Nut, Tinnerman | |
| 22 | 3311405 | 5 | Nut 1/4 | |
| 23 | 3311501 | 2 | Nut 5/16 | |
| 24 | 3311601 | 8 | Nut 3/8 | |
| 25 | 3311605 | 39 | Nut 3/8 | |
| 26 | 3321501 | 2 | Nut 5/16 | |
| 27 | 3520030 | 1 | Plug, Hole | |
| 28 | 3900210 | 5 | Screw, Button Head 5/16 x 3/4 | |
| 29 | 3900316 | 2 | Screw, Button Head 3/8 x 1 | |
| 30 | 3960389 | 54 in/1.4m | Seal | |
| 32 | 4160194 | 4 | Spring, Gas | |
| 33 | 4420038 | 6 in/16cm | Tape | |
| 34 | 4751400 | 13 | Washer 1/4 | |
| 35 | 4751500 | 7 | Washer 5/16 | |
| 36 | 4751600 | 80 | Washer 3/8 | |
| 37 | 8310070 | 8 | Push-nut 3/8 | |
| 38 | 1001110166 | 59 in /1.5mm | Seal | |
| 39 | 1001113047 | 84 in /2.14m | Seal | |
| 40 | 1001116280 | 1 | Bracket, Hood | |
| 41 | 1001116322 | 1 | Door | |
| 42 | 1001116344 | 1 | Door | |
| 43 | 1001116358 | 1 | Bracket | |
| 44 | 1001117027 | 1 | Bracket | |
| 45 | 1001117307 | 1 | Decal - Emergency Stop | |
| 46 | 1001126828 | 5 | Nut, Tinnerman | |
| 47 | 1001150260 | 4 | Plate | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 1001250295 | 1 | Bracket, Striker | |
| 49 | 1001157025 | 1 | Bracket | |
| 50 | 1001157284 | 1 | Mount | |
| 51 | 1001157344 | 1 | Bracket | |
| 52 | 1001157474 | 1 | Bracket | |
| 53 | 1001157475 | 1 | Panel | |
| 54 | 1001157612 | 1 | Bracket | |
| 55 | 1001161711 | 1 | Mount | |
| 56 | 1001173580 | 1 | Plate | |
| 57 | 1001186251 | 4 | Plate | |
| 58 | 1001186254 | 4 | Hinge | |
| 61 | 1001196768 | 1 | Bracket | |
| 62 | 1001220002 | 1 | Baffle | |
| 63 | 1001220067 | 1 | Plate, Seal | |
| 64 | 1001250294 | 1 | Bracket | |
| 65 | 1001243414 | 2 | Bolt 3/8 | |
| 66 | 4891600 | 8 | Washer 3/8 | |
| 100 | 1001174283 | 1 | Hood Kit - Standard Machines (Not Shown - Includes Items 101-104) | C |
| 101 | 1001157208 | 1 | Hood Assembly - Engine Side Rear (See Items 251-261 for Breakdown) | |
| 102 | 1001157209 | 1 | Hood Assembly - Tank Side Rear (See Items 351-361 for Breakdown) | |
| 103 | 1001116558 | 1 | Hood - Tank Side Front | |
| 104 | 1001116620 | 1 | Hood - Engine Side Front | |
| | 1001157208 | Ref | HOOD ASSEMBLY - ENGINE SIDE REAR | D |
| 251 | 0100011 | AR | Compound, Locking | |
| 252 | 0700618 | 1 | Bolt M6 x 50 | |
| 253 | 2560187 | 1 | Handle, Push Button | |
| 254 | 3290601 | 1 | Nut M6 | |
| 255 | 3311505 | 3 | Nut 5/16 | |
| 256 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 257 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 258 | 4711500 | 3 | Washer 5/16 | |
| 259 | 1001116290 | 1 | Plate, Latch Mounting | |
| 261 | 4751400 | 2 | Washer 1/4 | |
| | 1001157209 | Ref | HOOD ASSEMBLY - TANK SIDE REAR | B |
| 351 | 0100011 | AR | Compound, Locking | |
| 352 | 0700617 | 1 | Bolt M6 x 45mm | |
| 353 | 2560187 | 1 | Handle, Push Button | |
| 354 | 3290601 | 1 | Nut M6 | |
| 355 | 3311505 | 3 | Locknut 5/16in-18NC | |
| 356 | 3900210 | 3 | Screw, Button Head 5/16in-18 x 3/4in | |
| 357 | 3900363 | 2 | Screw, Button Head M6 x 25mm | |
| 358 | 4711500 | 3 | Flatwasher 5/16in Thin | |
| 359 | 1001116290 | 1 | Plate, Latch Mounting | |
| 361 | 4751400 | 2 | Flatwasher 1/4in Regular | |

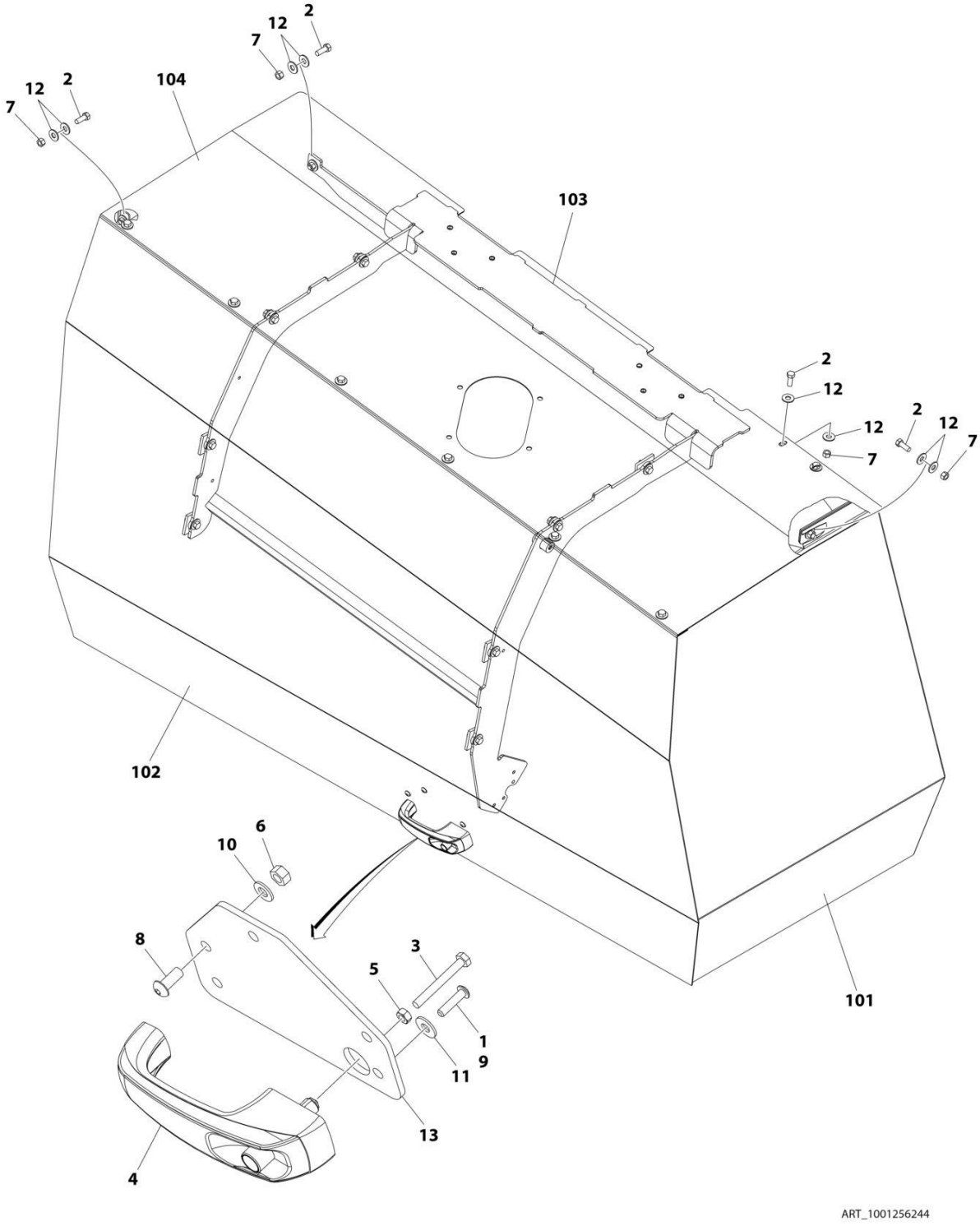
## FIGURE 2-54. HOOD ASSEMBLY - ENGINE SIDE REAR (DEUTZ TD2.9L4 ENGINES)



## FIGURE 2-54. HOOD ASSEMBLY - ENGINE SIDE REAR (DEUTZ TD2.9L4 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244463 | Ref | HOOD ASSEMBLY - ENGINE SIDE REAR | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641608 | 28 | Bolt 3/8 x 7/8 | |
| 3 | 0700618 | 1 | Bolt M6 x 50 | |
| 4 | 2560187 | 1 | Handle, Push Button | |
| 5 | 3290601 | 1 | Nut M6 | |
| 6 | 3311505 | 3 | Nut 5/16 | |
| 7 | 3311605 | 28 | Nut 3/8 | |
| 8 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 9 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 10 | 4711500 | 3 | Washer 5/16 | |
| 11 | 4751400 | 2 | Washer 1/4 | |
| 12 | 4751600 | 56 | Washer 3/8 | |
| 13 | 1001116290 | 1 | Plate, Latch Mounting | |
| 100 | 1001243985 | 1 | Hood Engine Side Kit (Not Shown - Includes Items 101-104) | |
| 101 | 1001239688 | 1 | End Panel | |
| 102 | 1001239689 | 1 | Top Panel | |
| 103 | 1001239690 | 1 | Side Panel | |
| 104 | 1001239691 | 1 | Support | |

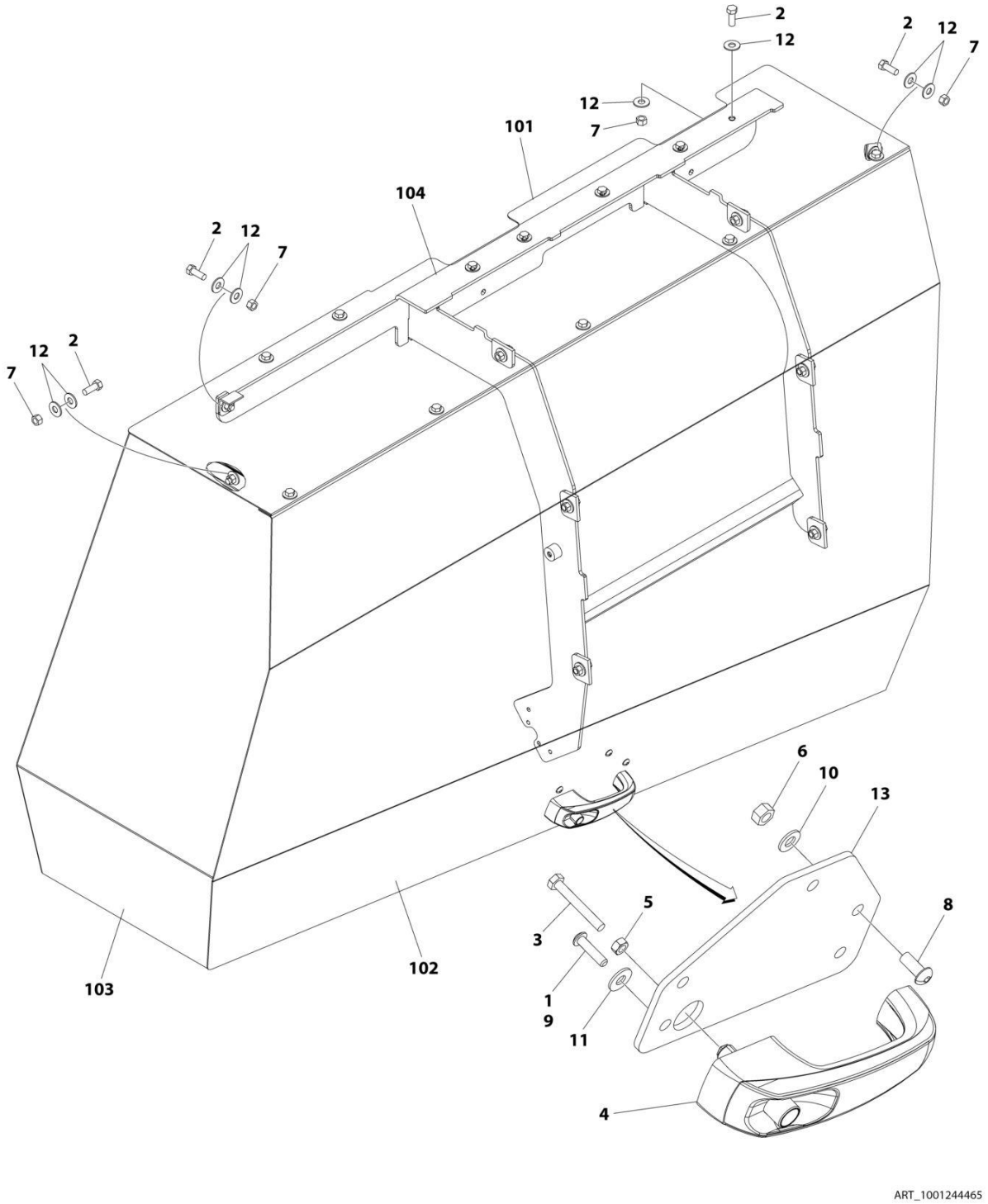
## FIGURE 2-55. HOOD ASSEMBLY - ENGINE SIDE REAR (DEUTZ TD2.9L4 (STAGE V) ENGINES)



## FIGURE 2-55. HOOD ASSEMBLY - ENGINE SIDE REAR (DEUTZ TD2.9L4 (STAGE V) ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256244 | Ref | HOOD ASSEMBLY - ENGINE SIDE REAR | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641608 | 28 | Bolt 3/8 x 7/8 | |
| 3 | 0700618 | 1 | Bolt M6 x 50 | |
| 4 | 2560187 | 1 | Handle, Push Button | |
| 5 | 3290601 | 1 | Nut M6 | |
| 6 | 3311505 | 3 | Nut 5/16 | |
| 7 | 3311605 | 28 | Nut 3/8 | |
| 8 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 9 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 10 | 4711500 | 3 | Washer 5/16 | |
| 11 | 4751400 | 2 | Washer 1/4 | |
| 12 | 4751600 | 56 | Washer 3/8 | |
| 13 | 1001116290 | 1 | Plate, Latch Mounting | |
| 100 | 1001256250 | 1 | Hood Engine Side Kit (Not Shown - Includes Items 101-104) | |
| 101 | 1001239688 | 1 | End Panel | |
| 102 | 1001239690 | 1 | Side Panel | |
| 103 | 1001239691 | 1 | Support | |
| 104 | 1001256203 | 1 | Top Panel | |

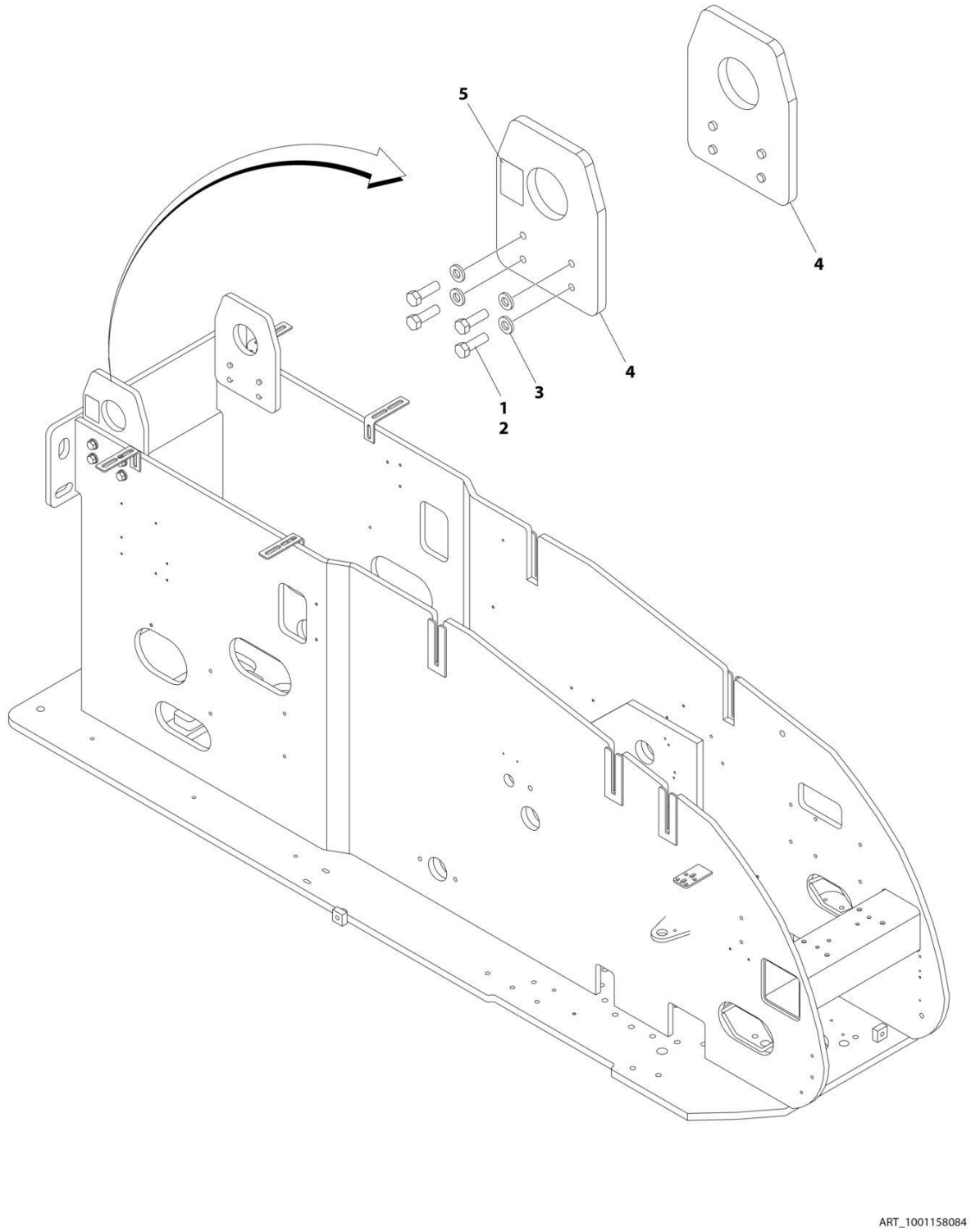
## FIGURE 2-56. HOOD ASSEMBLY - TANK SIDE REAR (DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES)



## FIGURE 2-56. HOOD ASSEMBLY - TANK SIDE REAR (DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244465 | Ref | HOOD ASSEMBLY - TANK SIDE REAR | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641608 | 28 | Bolt 3/8 x 7/8 | |
| 3 | 0700617 | 1 | Bolt M6 x 45 | |
| 4 | 2560187 | 1 | Handle, Push Button | |
| 5 | 3290601 | 1 | Nut M6 | |
| 6 | 3311505 | 3 | Nut 5/16 | |
| 7 | 3311605 | 28 | Nut 3/8 | |
| 8 | 3900210 | 3 | Screw, Button Head 5/16 x 3/4 | |
| 9 | 3900363 | 2 | Screw, Button Head M6 x 25 | |
| 10 | 4711500 | 3 | Washer 5/16 | |
| 11 | 4751400 | 2 | Washer 1/4 | |
| 12 | 4751600 | 56 | Washer 3/8 | |
| 13 | 1001116290 | 1 | Plate, Latch Mounting | |
| 100 | 1001243986 | 1 | Hood Tank Side Kit (Not Shown - Includes Items 101-104) | |
| 101 | 1001239721 | 1 | Top Panel | |
| 102 | 1001239722 | 1 | Side Panel | |
| 103 | 1001239723 | 1 | End Panel | |
| 104 | 1001239724 | 1 | Support | |

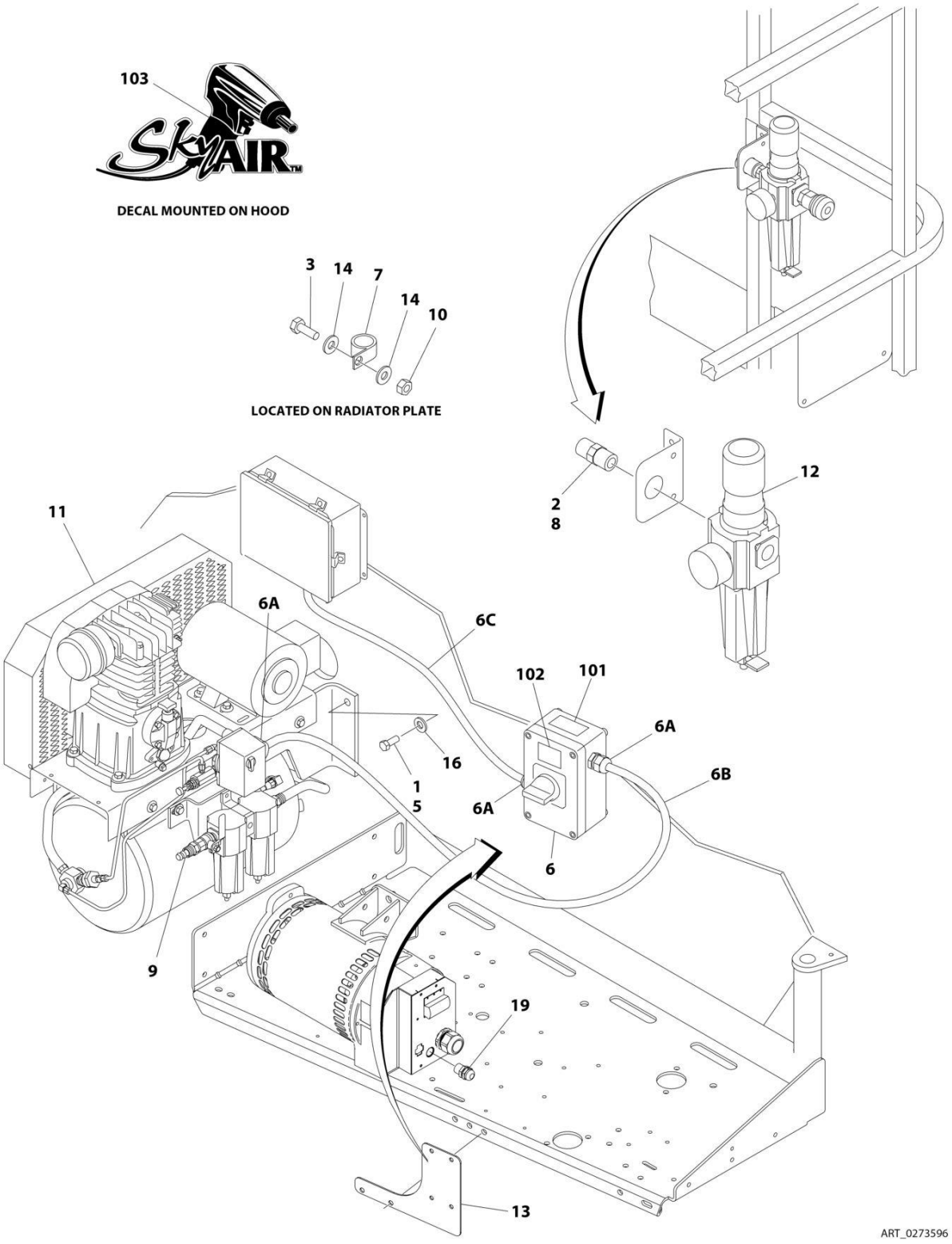
**FIGURE 2-57. LIFTING PLATE INSTALLATION**



## FIGURE 2-57. LIFTING PLATE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158084 | Ref | LIFTING PLATE INSTALLATION | B |
| 1 | 0100019 | AR | Compound, Locking | |
| 2 | 0682016 | 8 | Bolt 5/8in-11NC x 2in Grade 8 | |
| 3 | 4892000 | 8 | Flatwasher 5/8in Hardened | |
| 4 | 1001157870 | 2 | Plate, Lifting | |
| 5 | 1703811 | 2 | Decal - Lift | |

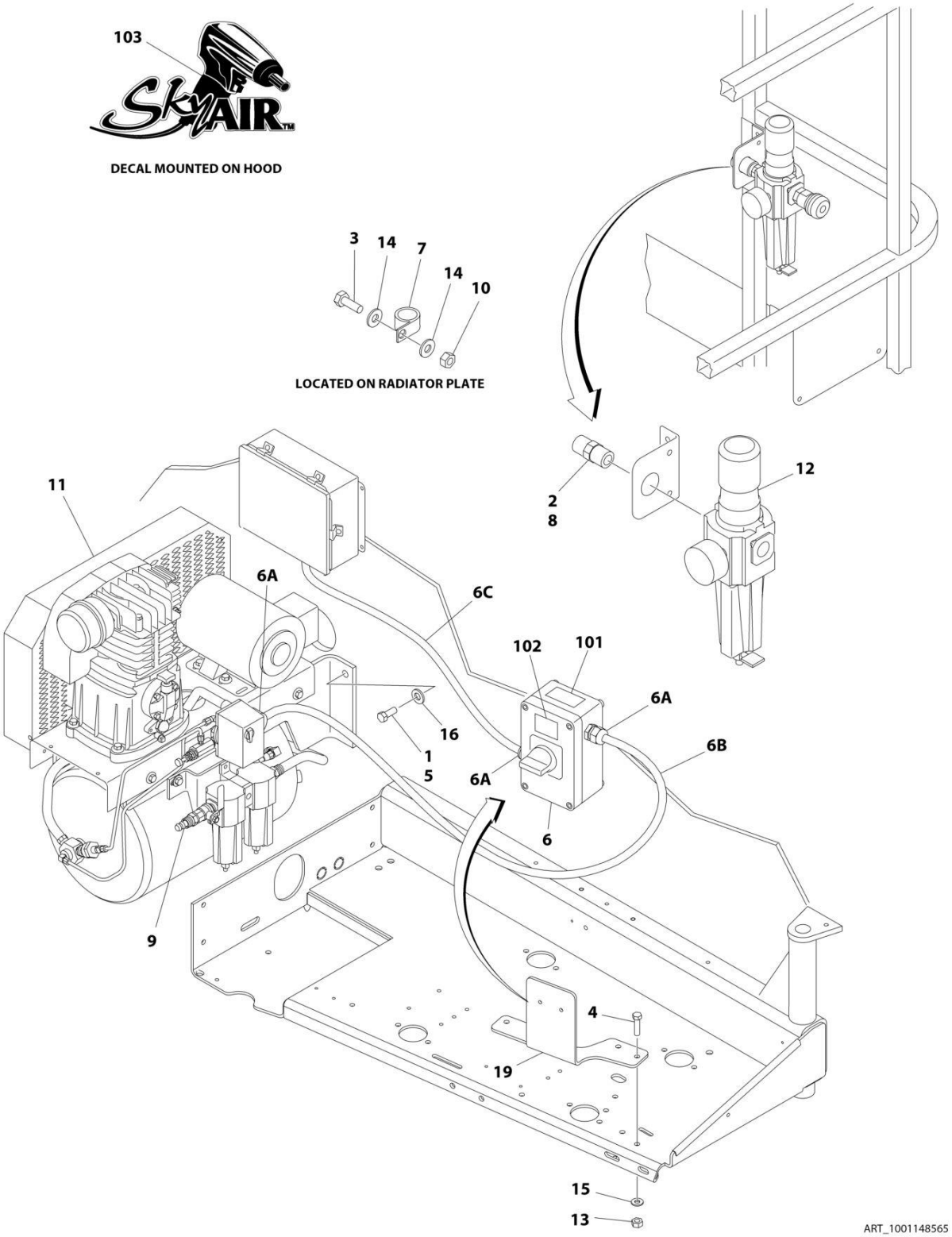
## FIGURE 2-58. SKYAIR AIR COMPRESSOR INSTALLATION (DEUTZ D2011 AND FORD DF 2.5L ENGINES)



## FIGURE 2-58. SKYAIR AIR COMPRESSOR INSTALLATION (DEUTZ D2011 AND FORD DF 2.5L ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0273596 | Ref | SKYAIR AIR COMPRESSOR INSTALLATION | B |
| 1 | 0100019 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant #567 | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 5 | 0641810 | 4 | Bolt 1/2 x 1-1/4 | |
| 6 | 0861642 | 1 | Control Box Assembly | |
| 6A | 4460633 | 3 | Connector, Strain Relief | |
| 6B | 70002948 | AR | Cable, Electrical - 12/4 (13ft/4m) | |
| 6C | 70002948 | AR | Cable, Electrical - 12/4 (30in/76cm) | |
| 7 | 1320224 | 2 | Clamp | |
| 8 | 2220252 | 1 | Fitting | |
| 9 | 2220750 | 1 | Fitting | |
| 10 | 3311405 | 2 | Nut 1/4 | |
| 11 | 3600386 | 1 | Compressor Assembly (See Separate Breakdown in this Section) | |
| 12 | 3720021 | 1 | Filter/Regulator Assembly | |
| 12 | 7027781 | 1 | Service Kit (Includes Gaskets and Seals) | |
| 12 | 7027782 | 1 | Filter | |
| 12 | 7027784 | 1 | Gauge | |
| 12 | 7027783 | 1 | Valve, Drain | |
| 13 | 4340747 | 1 | Bracket, Control Box | |
| 14 | 4711400 | 4 | Washer 1/4 | |
| 16 | 4751800 | 4 | Washer 1/2 | |
| 18 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 19 | 4460428 | 1 | Connector, Strain Relief | |
| | 0273687 | Ref | DECAL INSTALLATION | |
| 101 | 1705836 | 1 | Decal - Hazard Voltage | |
| 102 | 1705837 | 1 | Decal - Air Compressor | |
| 103 | 1705886 | 2 | Decal - SkyAir | |

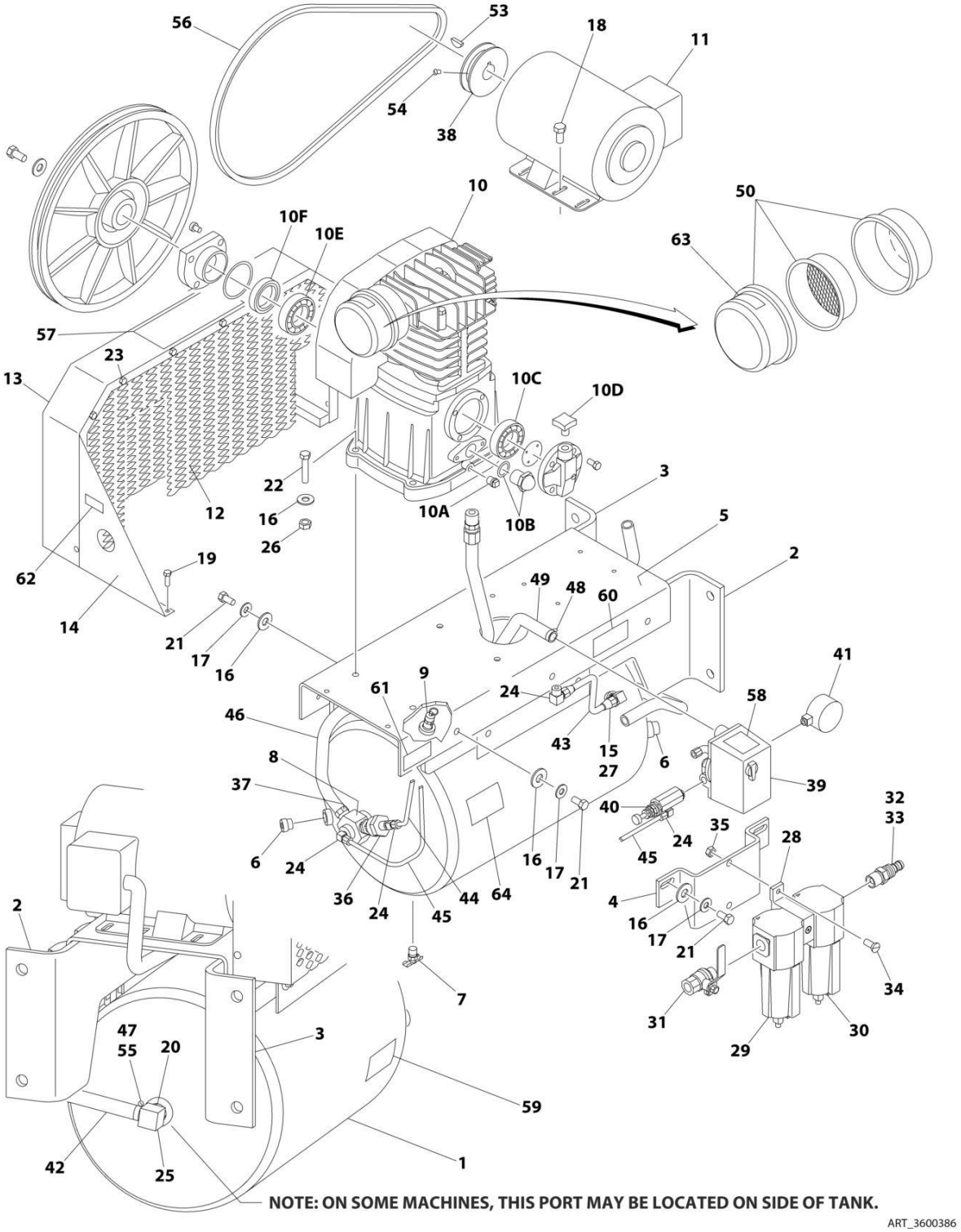
## FIGURE 2-59. SKYAIR AIR COMPRESSOR INSTALLATION (DEUTZ TD2.9L4 ENGINES)



## FIGURE 2-59. SKYAIR AIR COMPRESSOR INSTALLATION (DEUTZ TD2.9L4 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148565 | Ref | SKYAIR AIR COMPRESSOR INSTALLATION | B |
| 1 | 0100019 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant #567 | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641608 | 3 | Bolt 3/8 x 1 | |
| 5 | 0641810 | 4 | Bolt 1/2 x 1-1/4 | |
| 6 | 0861642 | 1 | Control Box Assembly | |
| 6A | 4460633 | 3 | Connector, Strain Relief | |
| 6B | 70002948 | AR | Cable, Electrical - 12/4 (13ft/4m) | |
| 6C | 70002948 | AR | Cable, Electrical - 12/4 (30in/76cm) | |
| 7 | 1320224 | 2 | Clamp | |
| 8 | 2220252 | 1 | Fitting | |
| 9 | 2220750 | 1 | Fitting | |
| 10 | 3311405 | 2 | Nut 1/4 | |
| 11 | 3600386 | 1 | Compressor Assembly (See Separate Breakdown in this Section) | |
| 12 | 3720021 | 1 | Filter/Regulator Assembly | |
| 12 | 7027781 | 1 | Service Kit (Includes Gaskets and Seals) | |
| 12 | 7027782 | 1 | Filter | |
| 12 | 7027784 | 1 | Gauge | |
| 12 | 7027783 | 1 | Valve, Drain | |
| 13 | 3311605 | 3 | Nut 3/8 | |
| 14 | 4711400 | 4 | Washer 1/4 | |
| 15 | 4711600 | 3 | Washer 3/8 | |
| 16 | 4751800 | 4 | Washer 1/2 | |
| 18 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 19 | 1001144447 | 1 | Bracket, Control Box | |
| | 0273687 | Ref | DECAL INSTALLATION | A |
| 101 | 1705836 | 1 | Decal - Hazard Voltage | |
| 102 | 1705837 | 1 | Decal - Air Compressor | |
| 103 | 1705886 | 2 | Decal - SkyAir | |

## FIGURE 2-60. AIR COMPRESSOR ASSEMBLY



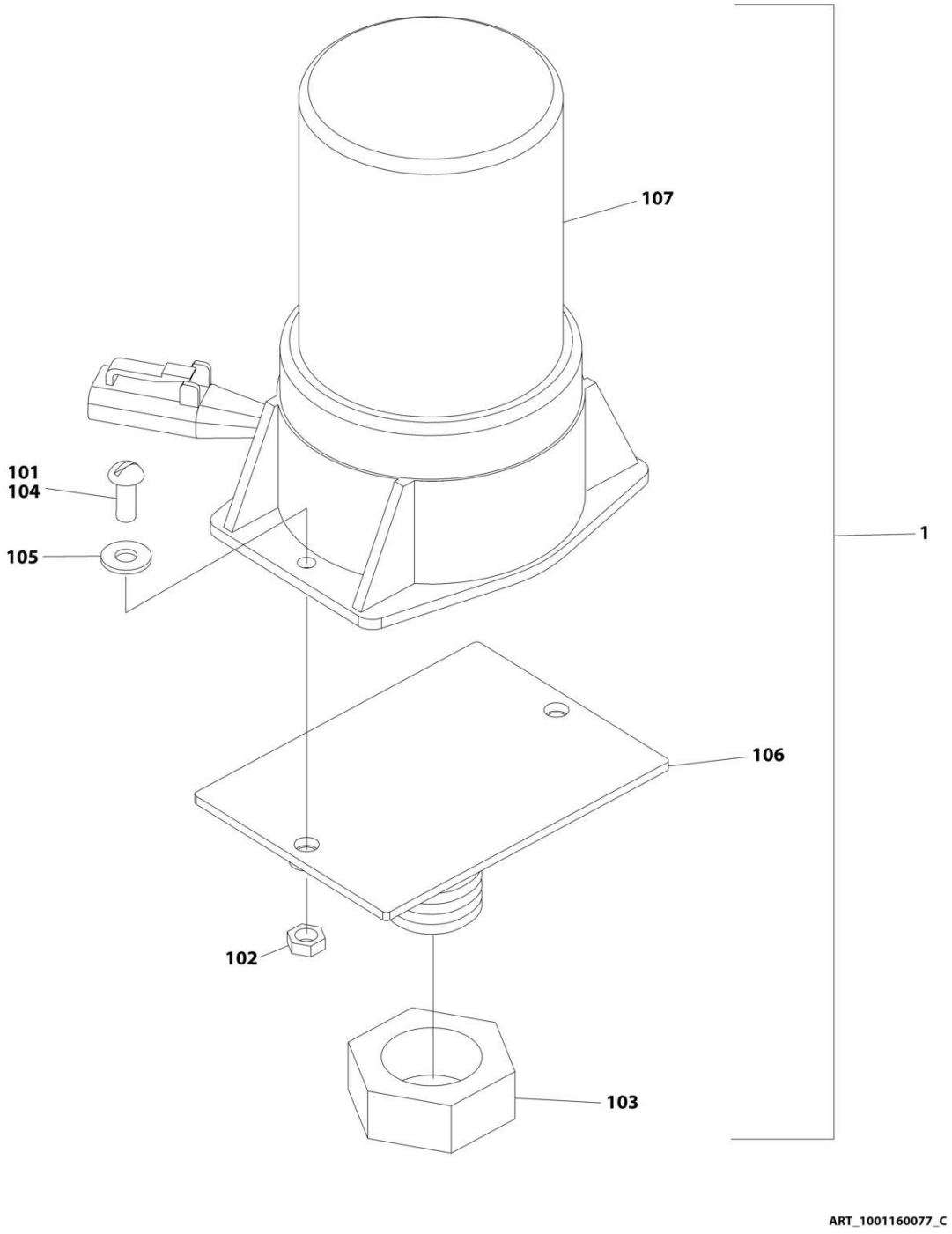
## FIGURE 2-60. AIR COMPRESSOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 3600386 | Ref | AIR COMPRESSOR ASSEMBLY | B |
| 1 | 7026632 | 1 | Tank | |
| 2 | See Note | 1 | Bracket, Mounting (Note: Not Available for Purchase) | |
| 3 | See Note | 1 | Bracket, Mounting (Note: Not Available for Purchase) | |
| 4 | See Note | 1 | Bracket, Regulator Mounting (Note: Not Available for Purchase) | |
| 5 | See Note | 1 | Deck (Note: Not Available for Purchase) | |
| 6 | See Note | 2 | Plug (Note: Not Available for Purchase) | |
| 7 | 7026633 | 1 | Valve, Drain | |
| 8 | 7026634 | 1 | Valve, Check | |
| 9 | 7026635 | 1 | Valve, Safety | |
| 10 | 7026636 | 1 | Pump Assembly | |
| 10 | 7026659 | 1 | Gasket and Seal Kit | |
| 10A | 7026651 | 1 | Plug, Oil Drain | |
| 10B | 7026652 | 1 | Gauge, Oil Sight | |
| 10C | 7026653 | 1 | Bearing | |
| 10D | 7026654 | 1 | Cap, Oil Fill | |
| 10E | 7026655 | 1 | Bearing | |
| 10F | 7026656 | 1 | Seal | |
| 11 | 7026637 | 1 | Motor Assembly | |
| 11 | See Note | 1 | Brush Kit (Note: Not Available for Purchase) | |
| 12 | See Note | 1 | Screen, Inner (Note: Not Available for Purchase) | |
| 13 | See Note | 1 | Guard, Belt (Note: Not Available for Purchase) | |
| 14 | See Note | 2 | Support (Note: Not Available for Purchase) | |
| 15 | See Note | 1 | Bushing (Note: Not Available for Purchase) | |
| 16 | 4751600 | 18 | Washer 3/8 | |
| 17 | 4761600 | 10 | Washer 3/8 | |
| 18 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 19 | 0641406 | 8 | Bolt 1/4 x 3/4 | |
| 20 | See Note | 1 | Bushing (Note: Not Available for Purchase) | |
| 21 | 0641610 | 10 | Bolt 3/8 x 1-1/4 | |
| 22 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 23 | See Note | 10 | Bolt 1/4 x 1/2 (Note: Not Available for Purchase) | |
| 24 | See Note | 4 | Fitting (Note: Not Available for Purchase) | |
| 25 | See Note | 1 | Fitting, Barbed (Note: Not Available for Purchase) | |
| 26 | 3311605 | 4 | Nut 3/8 | |
| 27 | See Note | 1 | Fitting, Compression (Note: Not Available for Purchase) | |
| 28 | See Note | 1 | Bracket, Mounting (Note: Not Available for Purchase) | |
| 29 | 7026660 | 1 | Filter, Oil Removal | |
| 30 | 7026661 | 1 | Filter, Water Removal | |
| 31 | 70001663 | 1 | Valve, Ball Shut-Off | |
| 32 | See Note | 1 | Bushing (Note: Not Available for Purchase) | |
| 33 | See Note | 1 | Fitting, Barbed (Note: Not Available for Purchase) | |
| 34 | See Note | 2 | Screw 1/4 x 1 (Note: Not Available for Purchase) | |
| 35 | 3311405 | 2 | Nut 1/4 | |
| 36 | See Note | 1 | Unloader (Note: Not Available for Purchase) | |
| 37 | See Note | 1 | Fitting (Note: Not Available for Purchase) | |
| 38 | See Note | 1 | Pulley (Note: Not Available for Purchase) | |
| 39 | 7026638 | 1 | Switch, Pressure | |
| 40 | 7026639 | 1 | Vale, Pilot | |
| 41 | 7026640 | 1 | Gauge | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 42 | See Note | 1 | Hose (Note: Not Available for Purchase) | |
| 43 | See Note | 1 | Tube, Feed (Note: Not Available for Purchase) | |
| 44 | See Note | 1 | Tube (Note: Not Available for Purchase) | |
| 45 | See Note | 1 | Tube (Note: Not Available for Purchase) | |
| 46 | See Note | 1 | Aftercooler (Note: Not Available for Purchase) | |
| 47 | See Note | 2 | Clamp (Note: Not Available for Purchase) | |
| 48 | See Note | 2 | Clamp (Note: Not Available for Purchase) | |
| 49 | See Note | 1 | Harness, Wiring (Note: Not Available for Purchase) | |
| 50 | 7026658 | 1 | Filter Assembly | |
| 50 | 7026641 | 1 | Element, Filter | |
| 51 | See Note | 23 oz | Oil, Compressor (Note: Not Available for Purchase) | |
| 52 | 0100020 | AR | Sealant | |
| 53 | See Note | 1 | Key (Note: Not Available for Purchase) | |
| 54 | See Note | 2 | Setscrew (Note: Not Available for Purchase) | |
| 55 | See Note | 2 | Cover, Clamp End (Note: Not Available for Purchase) | |
| 56 | 7026642 | 1 | Belt | |
| 57 | 7026643 | 1 | Decal - Unit Warning | |
| 58 | 7026644 | 1 | Decal - Pressure Switch Warning | |
| 59 | 7026645 | 1 | Decal - Drain Tank Warning | |
| 60 | 7026646 | 1 | Decal - Compressor Maintenance | |
| 61 | 7026647 | 1 | Decal - Initial Oil Fill | |
| 62 | 7026648 | 1 | Decal - Hot Surfaces Warning | |
| 63 | 7026649 | 1 | Decal - Paper Element Cleaning | |
| 64 | 7026650 | 1 | Decal - Dual Control | |

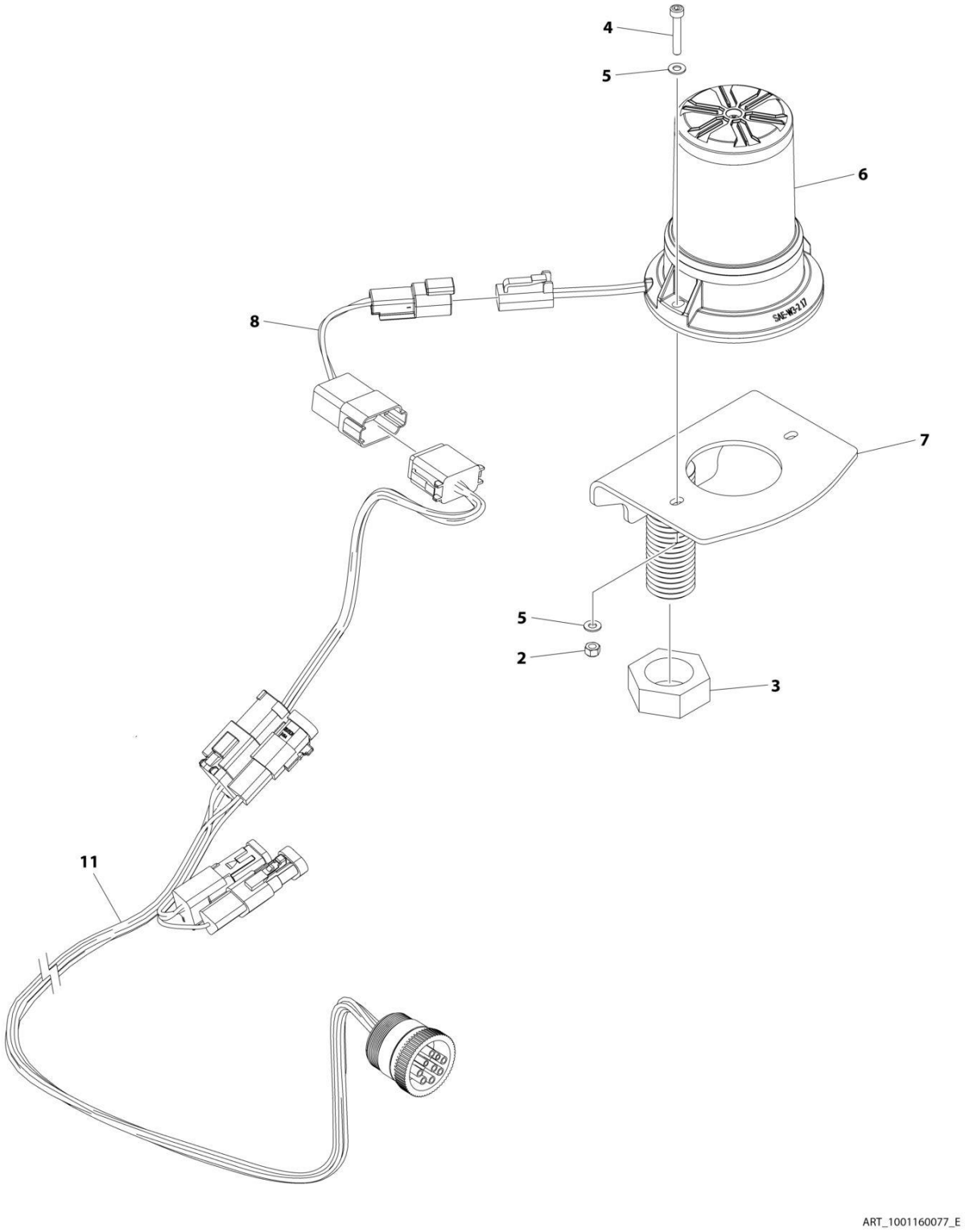
**FIGURE 2-61. STROBE LIGHT INSTALLATION (AMBER) (ALL SPECS EXCEPT CHINA SPEC) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)**



## FIGURE 2-61. STROBE LIGHT INSTALLATION (AMBER) (ALL SPECS EXCEPT CHINA SPEC) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160077 | Ref | STROBE LIGHT INSTALLATION (AMBER) | C |
| 1 | 1001278844 | 1 | Strobe Light Assembly (Includes Items 101-107) | A |
| 101 | 0100035 | AR | Compound, Locking | |
| 102 | 3290405 | 2 | Nut, Lock M4 | |
| 103 | 3312602 | 1 | Nut | |
| 104 | 4031509 | 2 | Capscrew M4 x 25 | |
| 105 | 4811400 | 2 | Washer M4 | |
| 106 | 1001278850 | 1 | Mount, Strobe | |
| 107 | 1001270594 | 1 | Strobe Light/Harness Assembly | |
| 107 | 4460891 | 1 | Connector | |
| 107 | 4460465 | 2 | Socket | |

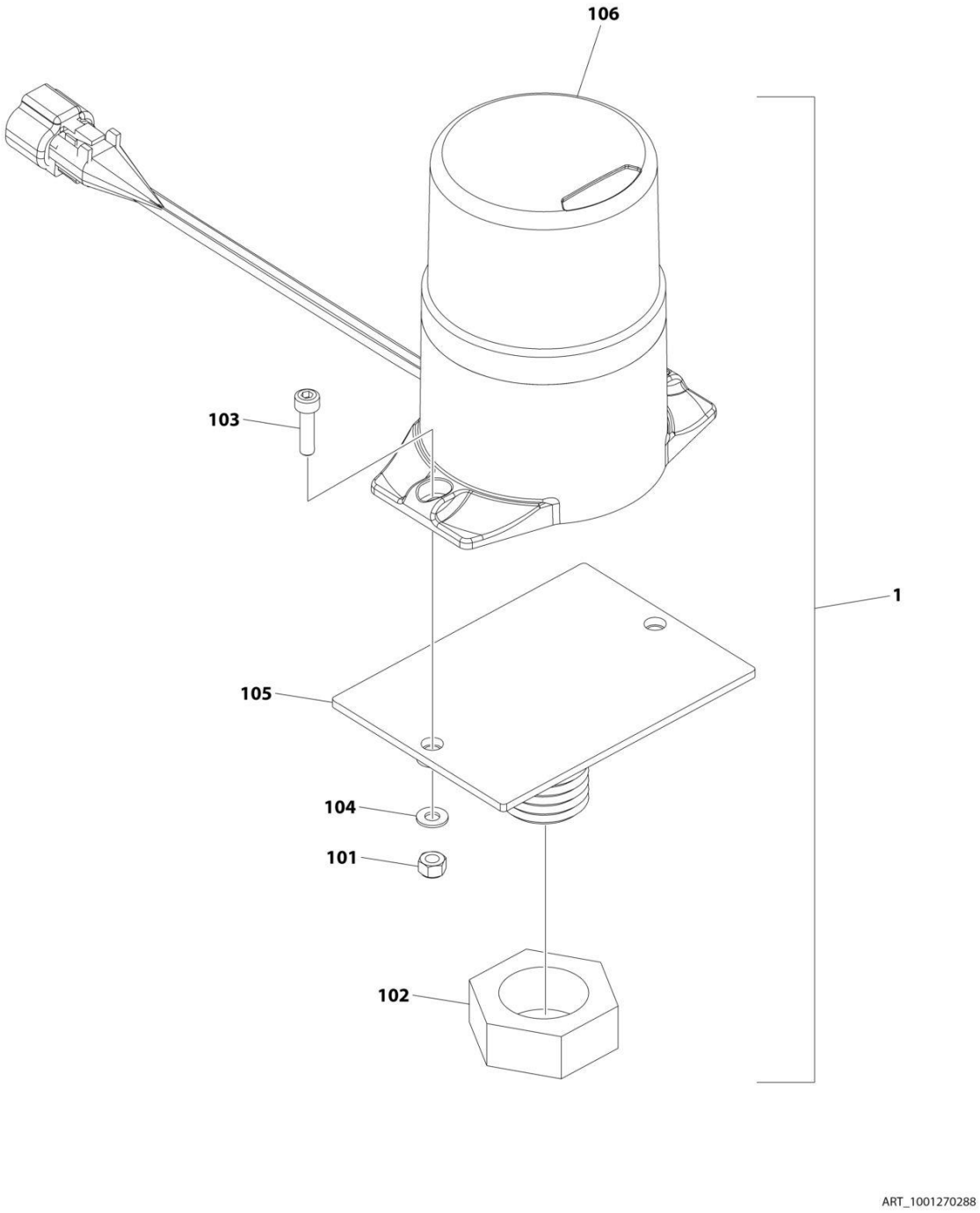
**FIGURE 2-62. STROBE LIGHT INSTALLATION (AMBER) (ALL SPECS EXCEPT CHINA SPEC) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)**



## FIGURE 2-62. STROBE LIGHT INSTALLATION (AMBER) (ALL SPECS EXCEPT CHINA SPEC) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160077 | Ref | STROBE LIGHT INSTALLATION (AMBER) | E |
| 2 | 3290405 | 2 | Nut, Lock M4 | |
| 3 | 3312602 | 1 | Nut | |
| 4 | 4031509 | 2 | Capscrew M4 x 25 | |
| 5 | 4811400 | 4 | Washer M4 | |
| 6 | 1001270594 | 1 | Strobe Light/Harness Assembly | |
| 6 | 4460891 | 1 | Connector | |
| 6 | 4460465 | 2 | Socket | |
| 7 | 1001275149 | 2 | Mount | |
| 8 | 1001283776 | 1 | Harness, Strobe Jumper (See Separate Breakdown in ELECTRICAL Section) | |
| 9 | 4240017 | AR | Tie-Strap (Not Shown) | |
| 10 | 4460234 | AR | Mount, Tie-Strap (Not Shown) | |
| 11 | 1001286622 | 1 | CSB Harness (See Separate Breakdown in ELECTRICAL Section) | |

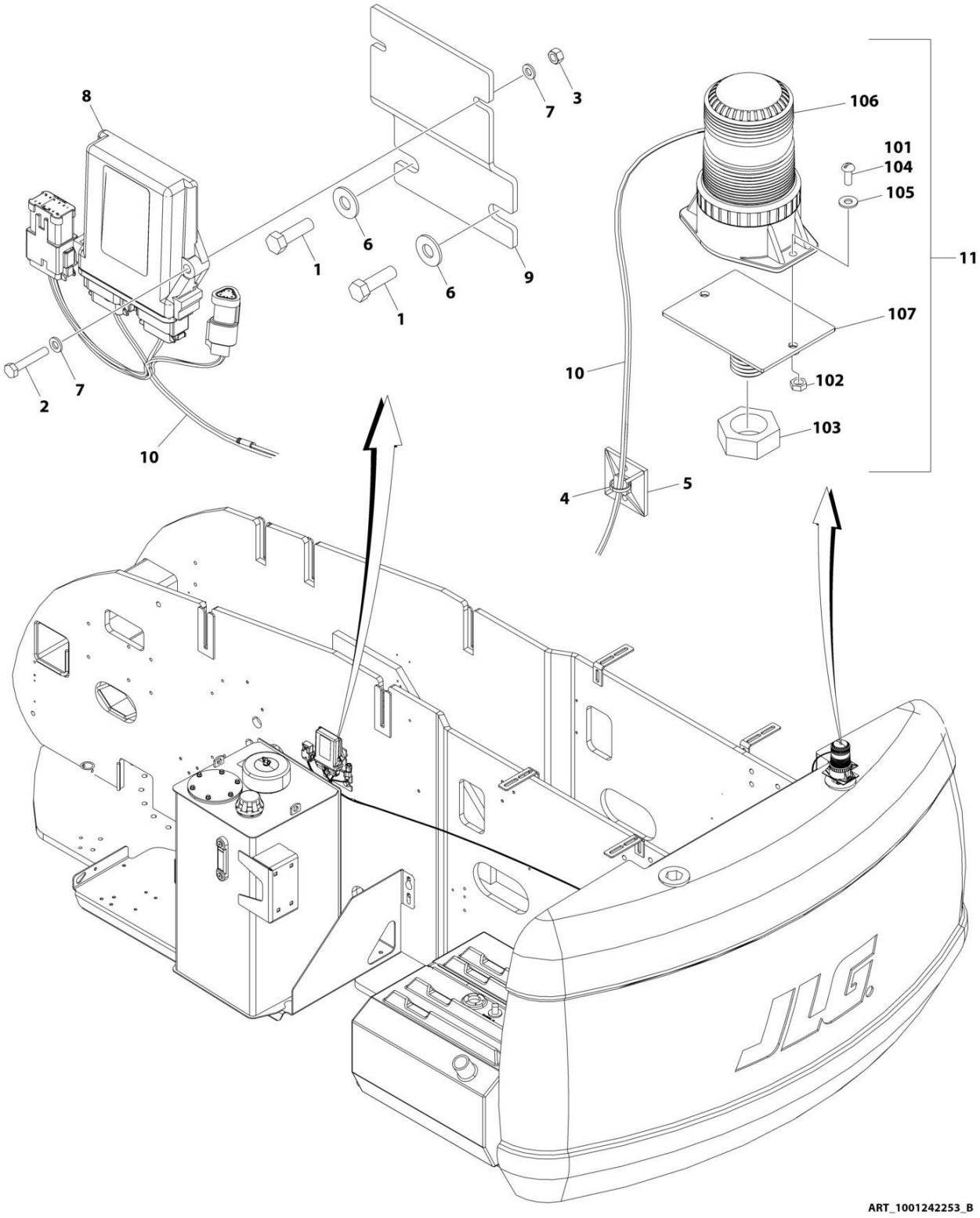
## FIGURE 2-63. STROBE LIGHT INSTALLATION (AMBER) (CHINA SPEC)



## FIGURE 2-63. STROBE LIGHT INSTALLATION (AMBER) (CHINA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001270288 | Ref | STROBE LIGHT INSTALLATION (AMBER) | A |
| 1 | 1001270287 | 1 | Strobe Light Assembly (Includes Items 101-106) | A |
| 101 | 3290405 | 2 | Nut M4 | |
| 102 | 3312602 | 1 | Nut | |
| 103 | 4031507 | 2 | Screw M4 | |
| 104 | 4811400 | 2 | Washer | |
| 105 | 1001149994 | 1 | Mount, Strobe | |
| 106 | 1001233479 | 1 | Lamp, Strobe Beacon | |

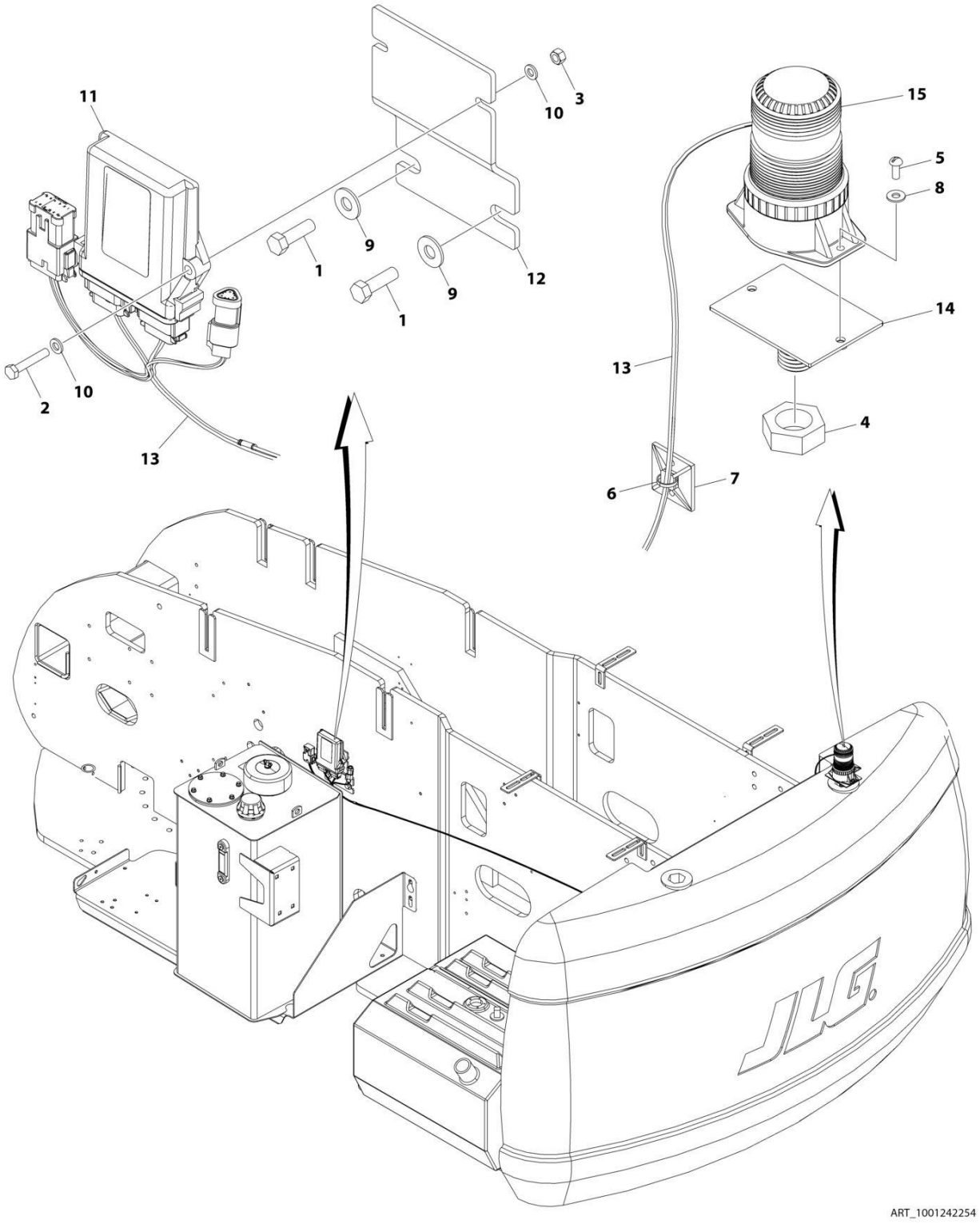
## FIGURE 2-64. STROBE LIGHT INSTALLATION (BLUE)



## FIGURE 2-64. STROBE LIGHT INSTALLATION (BLUE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001242253 | Ref | STROBE LIGHT INSTALLATION (BLUE) | B |
| 1 | 0641610 | 2 | Bolt 3/8 x 1-1/4 | |
| 2 | 0700615 | 2 | Bolt 6 x 35 | |
| 3 | 3290607 | 2 | Nut M6 | |
| 4 | 4240032 | AR | Tie-Strap | |
| 5 | 4460488 | AR | Base, Terminal, Mounting | |
| 6 | 4751600 | 2 | Washer 3/8 | |
| 7 | 4811700 | 4 | Washer M6 | |
| 8 | 1001142683 | 1 | Module, Control - Beacon | |
| 9 | 1001142722 | 1 | Bracket | |
| 10 | 1001142736 | 1 | Beacon Control Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 11 | 1001278845 | 1 | Beacon Kit - Blue (Includes Items 102 - 107) | |
| 101 | 0100035 | AR | Compound, Locking | |
| 102 | 3290405 | 2 | Nut, Lock M4 | |
| 103 | 3312602 | 1 | Nut | |
| 104 | 4031509 | 2 | Capscrew M4 x 25 | |
| 105 | 4811400 | 2 | Washer M4 | |
| 106 | 1001272681 | 1 | Light, Beacon | |
| 106 | 4460897 | 1 | Connector | |
| 106 | 4460464 | 2 | Pin | |
| 107 | 1001278850 | 1 | Plate, Mounting | |

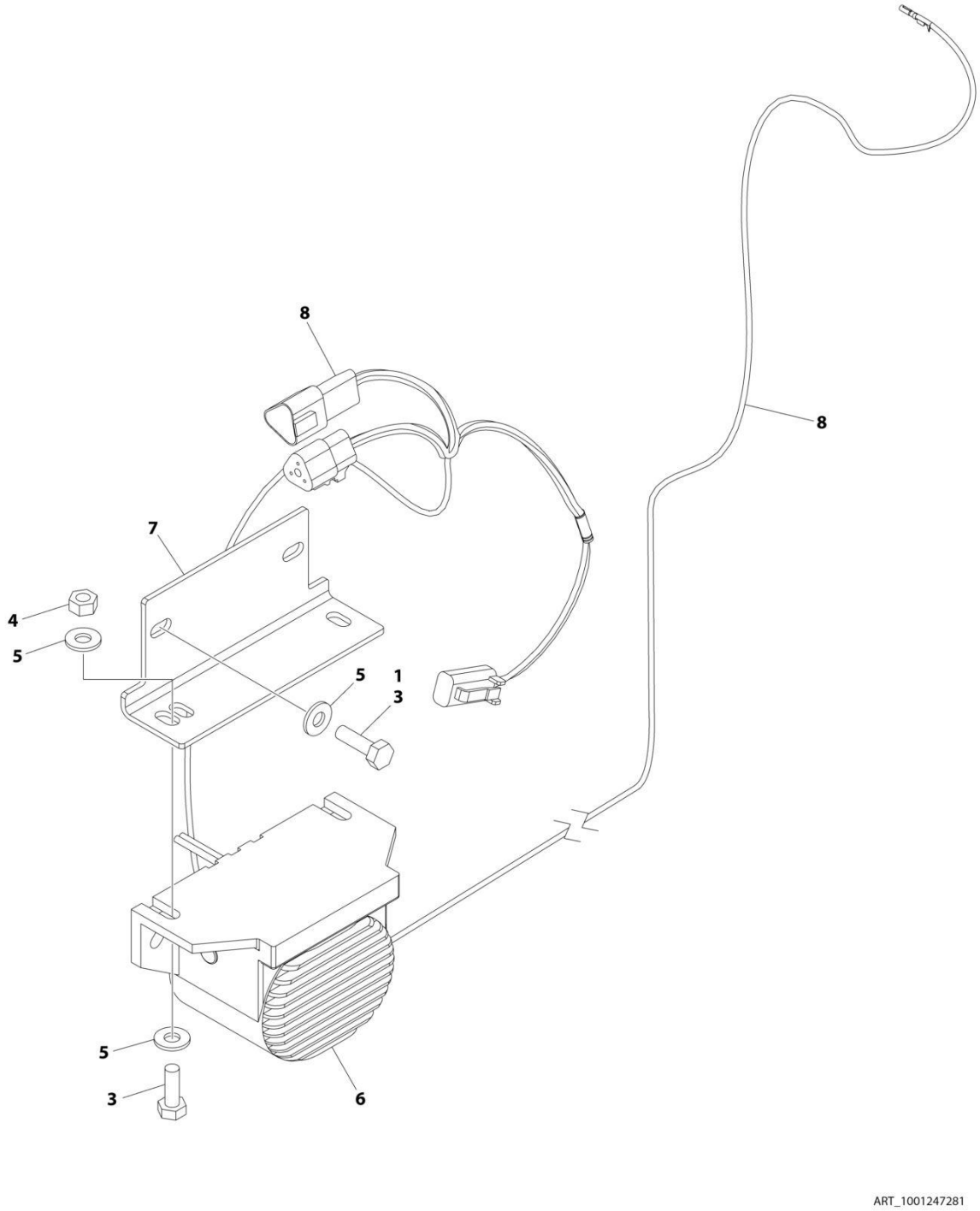
## FIGURE 2-65. STROBE LIGHT INSTALLATION (RED)



## FIGURE 2-65. STROBE LIGHT INSTALLATION (RED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001242254 | Ref | STROBE LIGHT INSTALLATION (RED) | A |
| 1 | 0641610 | 2 | Bolt 3/8 x 1-1/4 | |
| 2 | 0700615 | 2 | Bolt 6 x 35 | |
| 3 | 3290607 | 2 | Nut M6 | |
| 4 | 3312602 | 1 | Nut | |
| 5 | 3900085 | 2 | Screw | |
| 6 | 4240032 | AR | Tie Strap | |
| 7 | 4460488 | AR | Base, Terminal, Mounting | |
| 8 | 4751000 | 2 | Washer | |
| 9 | 4751600 | 2 | Washer 3/8 | |
| 10 | 4811700 | 4 | Washer M6 | |
| 11 | 1001142683 | 1 | Module, Control - Beacon | |
| 12 | 1001142722 | 1 | Bracket | |
| 13 | 1001142736 | 1 | Beacon Control Harness (See Separate Breakdown in ELECTRICAL SECTION) | |
| 14 | 1001149994 | 1 | Mount, Strobe | |
| 15 | 1001207004 | 1 | Light, Beacon | |

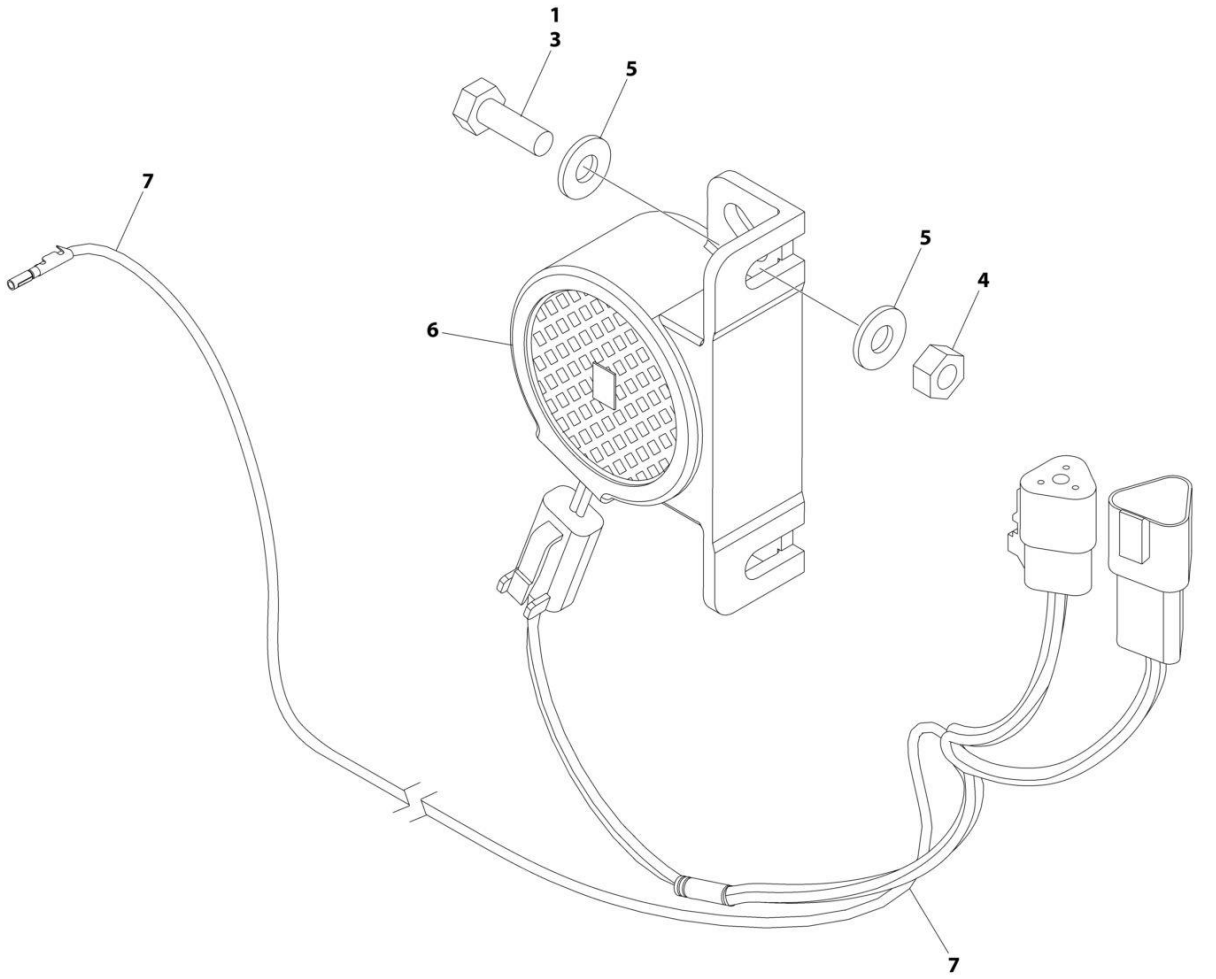
## FIGURE 2-66. WHITE NOISE ALARM INSTALLATION - AMBIENT



## FIGURE 2-66. WHITE NOISE ALARM INSTALLATION - AMBIENT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001247281 | Ref | WHITE NOISE ALARM INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Compound, Silicone (Not Shown) | |
| 3 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 4 | 3311405 | 2 | Nut 1/4 | |
| 5 | 4711400 | 6 | Washer 1/4 | |
| 6 | 1001182806 | 1 | Alarm | |
| 7 | 1001231886 | 1 | Plate | |
| 8 | 1001243682 | 1 | White Noise Motion Alarm Harness (See Separate Breakdown in this Section) | |

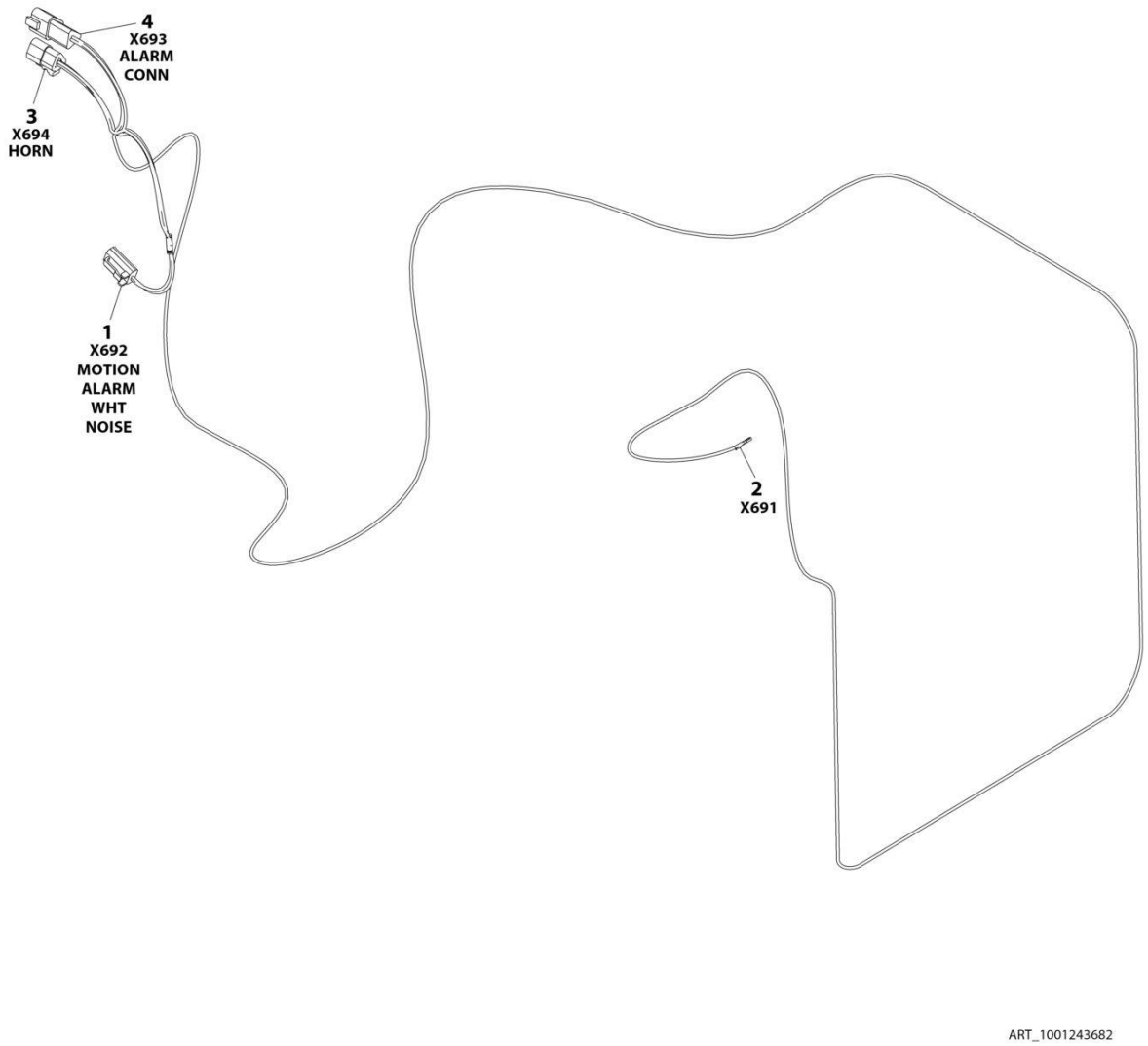
## FIGURE 2-67. WHITE NOISE ALARM INSTALLATION - CONSTANT



## FIGURE 2-67. WHITE NOISE ALARM INSTALLATION - CONSTANT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263179 | Ref | WHITE NOISE ALARM INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Compound, Silicone (Not Shown) | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 3311405 | 2 | Nut 1/4 | |
| 5 | 4711400 | 4 | Washer 1/4 | |
| 6 | 1001184682 | 1 | Alarm | |
| 7 | 1001243682 | 1 | White Noise Motion Alarm Harness (See Separate Breakdown in this Section) | |

## FIGURE 2-68. WHITE NOISE ALARM HARNESS

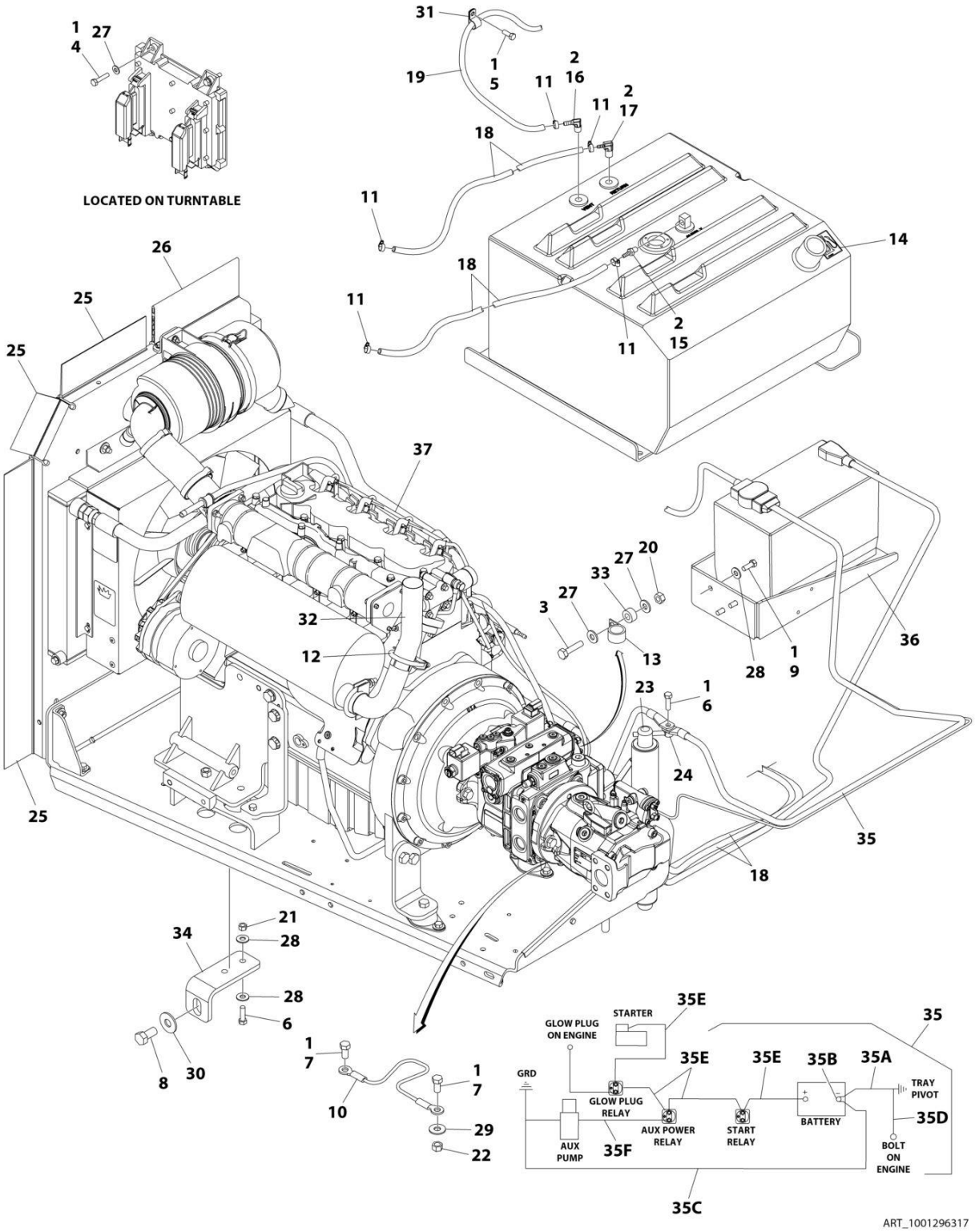


## FIGURE 2-68. WHITE NOISE ALARM HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243682 | Ref | WHITE NOISE ALARM HARNESS | A |
| 1 | 4460891 | 1 | Plug, Male - 2 Position | |
| 1 | 4460465 | 2 | Socket, Female | |
| 2 | 4460871 | 1 | Terminal | |
| 3 | 4460539 | 1 | Plug, Male- 3 Position | |
| 3 | 4460465 | 3 | Socket, Female | |
| 4 | 4460536 | 1 | Receptacle, Female- 3 Position | |
| 4 | 4460464 | 3 | Pin, Male | |

# SECTION 3 - ENGINE

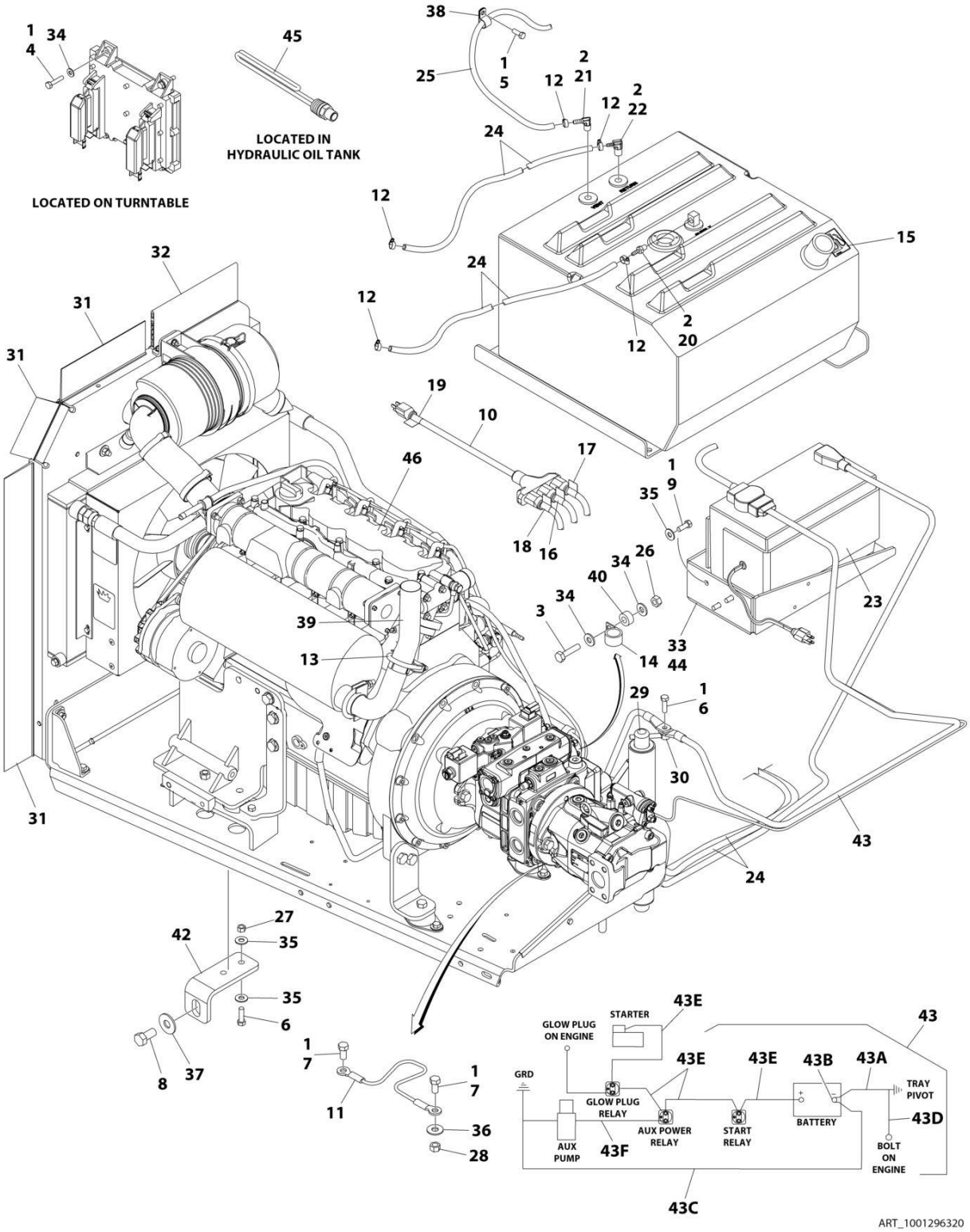
## FIGURE 3-1. DEUTZ D2011 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)



## FIGURE 3-1. DEUTZ D2011 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296317 | Ref | DEUTZ D2011 ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641409 | 1 | Bolt 1/4 x 1-1/8 | |
| 4 | 0641410 | 4 | Bolt 1/4 x 1-1/4 | |
| 5 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 6 | 0641610 | 3 | Bolt 3/8 x 1-1/4 | |
| 7 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 8 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 9 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 10 | 1060637 | 1 | Lanyard | |
| 11 | 1320022 | 5 | Clamp | |
| 12 | 1320176 | 1 | Clamp | |
| 13 | 1320224 | 1 | Clamp | |
| 14 | 1701505 | 1 | Decal - Diesel | |
| 15 | 2180348 | 1 | Fitting, Straight NPTF/Barbed | |
| 16 | 2220313 | 1 | Fitting, 90 NPTF/Barbed | |
| 17 | 2221176 | 1 | Fitting, 90 | |
| 18 | 2720058 | 30 ft/9 m | Hose | |
| 19 | 2750532 | 3.5 ft/1 m | Hose | |
| 20 | 3311405 | 1 | Nut 1/4 | |
| 21 | 3311605 | 2 | Nut 3/8 | |
| 22 | 3311801 | 1 | Nut 1/2 | |
| 23 | 3422446 | 1 | Pin | |
| 24 | 3841143 | 1 | Pin, Keeper | |
| 25 | 3960548 | 4 ft/1.5 m | Seal | |
| 26 | 3960549 | 11 in/28 cm | Seal | |
| 27 | 4711400 | 6 | Washer 1/4 | |
| 28 | 4751600 | 7 | Washer 3/8 | |
| 29 | 4751800 | 1 | Washer 1/2 | |
| 30 | 4752000 | 1 | Washer 5/8 | |
| 31 | 8406102 | 1 | Clip | |
| 32 | 1001101600 | 1 | Tube, Exhaust | |
| 33 | 1001110425 | 1 | Spacer | |
| 34 | 1001151070 | 1 | Plate | |
| 35 | 1001155143 | 1 | Battery Cable Kit | D |
| 35A | 7027092 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot and Relay Grds) | |
| 35B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 35C | 7027093 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 35D | 7027053 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 35E | 7027094 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 35F | 7027095 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 36 | 1001162497 | 1 | Bracket | |
| 37 | 1001296316 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-2. DEUTZ D2011 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)

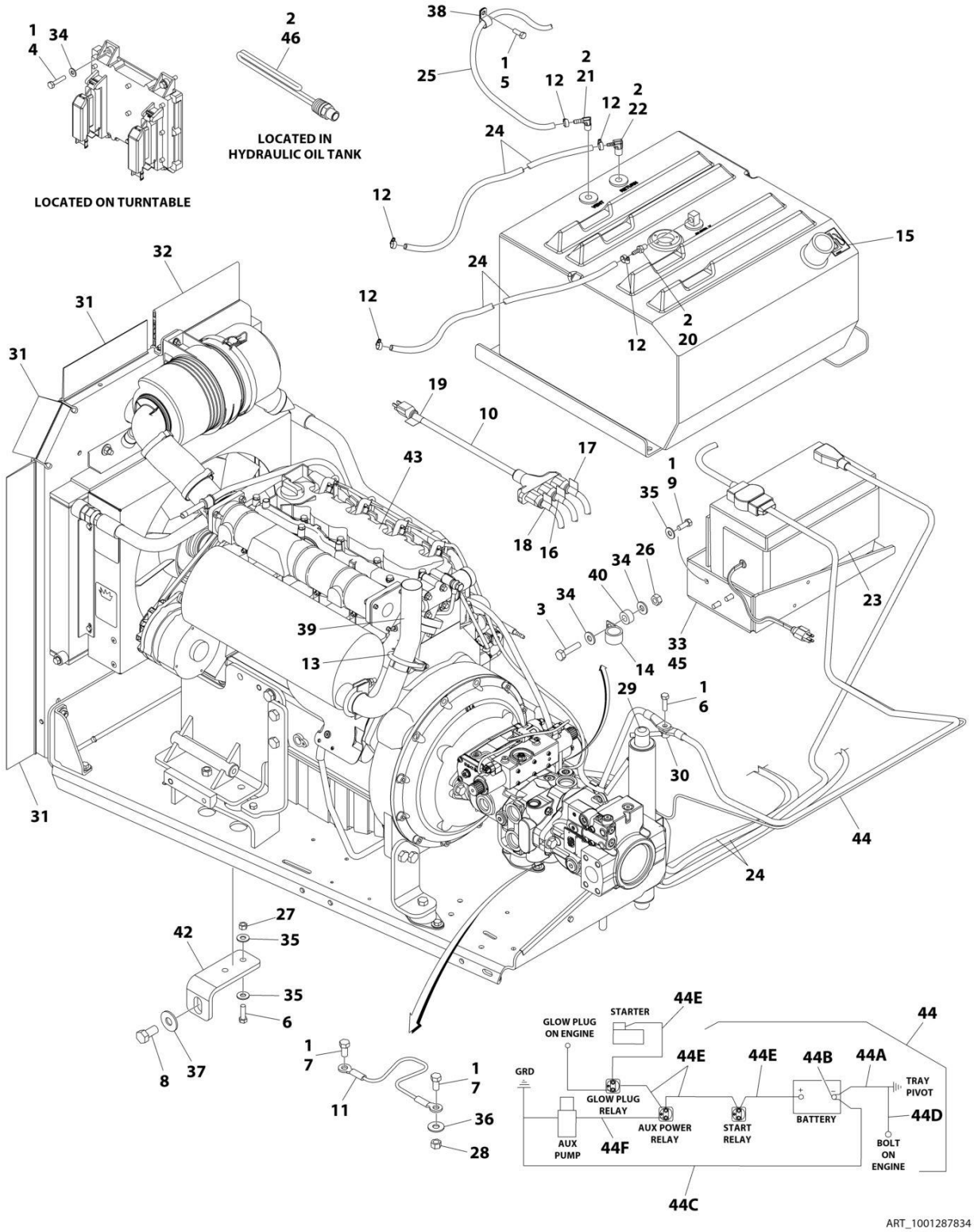


## FIGURE 3-2. DEUTZ D2011 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296320 | Ref | DEUTZ D2011 ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641409 | 1 | Bolt 1/4 x 1-1/8 | |
| 4 | 0641410 | 4 | Bolt 1/4 x 1-1/4 | |
| 5 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 6 | 0641610 | 3 | Bolt 3/8 x 1-1/4 | |
| 7 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 8 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 9 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 10 | 1060626 | 1 | Cord, 3 Way Extension | |
| 11 | 1060637 | 1 | Lanyard | |
| 12 | 1320022 | 5 | Clamp | |
| 13 | 1320176 | 1 | Clamp | |
| 14 | 1320224 | 1 | Clamp | |
| 15 | 1701505 | 1 | Decal - Diesel | |
| 16 | 1702941 | 1 | Decal - Battery Heater | |
| 17 | 1702942 | 1 | Decal - Engine Block Heater | |
| 18 | 1702943 | 1 | Decal - Hydraulic Tank Heater | |
| 19 | 1702944 | 1 | Decal - Heater Cord | |
| 20 | 2180348 | 1 | Fitting, Straight NPTF/Barbed | |
| 21 | 2220313 | 1 | Fitting, 90 NPTF/Barbed | |
| 22 | 2221176 | 1 | Fitting, 90 | |
| 23 | 2580024 | 1 | Heater, Battery | |
| 24 | 2720058 | 30 ft/9 m | Hose | |
| 25 | 2750532 | 3.5 ft/1 m | Hose | |
| 26 | 3311405 | 1 | Nut 1/4 | |
| 27 | 3311605 | 2 | Nut 3/8 | |
| 28 | 3311801 | 1 | Nut 1/2 | |
| 29 | 3422446 | 1 | Pin, Pivot | |
| 30 | 3841143 | 1 | Pin, Keeper | |
| 31 | 3960548 | 4 ft/1.5 m | Seal | |
| 32 | 3960549 | 11 in/28 cm | Seal | |
| 33 | 3980007 | 1 | Seat, Battery | |
| 34 | 4711400 | 6 | Washer 1/4 | |
| 35 | 4751600 | 7 | Washer 3/8 | |
| 36 | 4751800 | 1 | Washer 1/2 | |
| 37 | 4752000 | 1 | Washer 5/8 | |
| 38 | 8406102 | 1 | Clip | |
| 39 | 1001101600 | 1 | Tube, Exhaust | |
| 40 | 1001110425 | 1 | Spacer | |
| 41 | 1001150918 | 1 | Cable, Immersion Heater (Not Shown) | |
| 42 | 1001151070 | 1 | Plate | |
| 43 | 1001155143 | 1 | Battery Cable Kit | |
| 43A | 7027092 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot and Relay Grds) | |
| 43B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 43C | 7027093 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 43D | 7027053 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 43E | 7027094 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 43F | 7027095 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 44 | 1001162497 | 1 | Bracket | |
| 45 | 1001188972 | 1 | Heater, Hydraulic Tank | |
| 46 | 1001296318 | 1 | Engine and Pump Assembly with Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-3. DEUTZ D2011 ENGINE INSTALLATION - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)



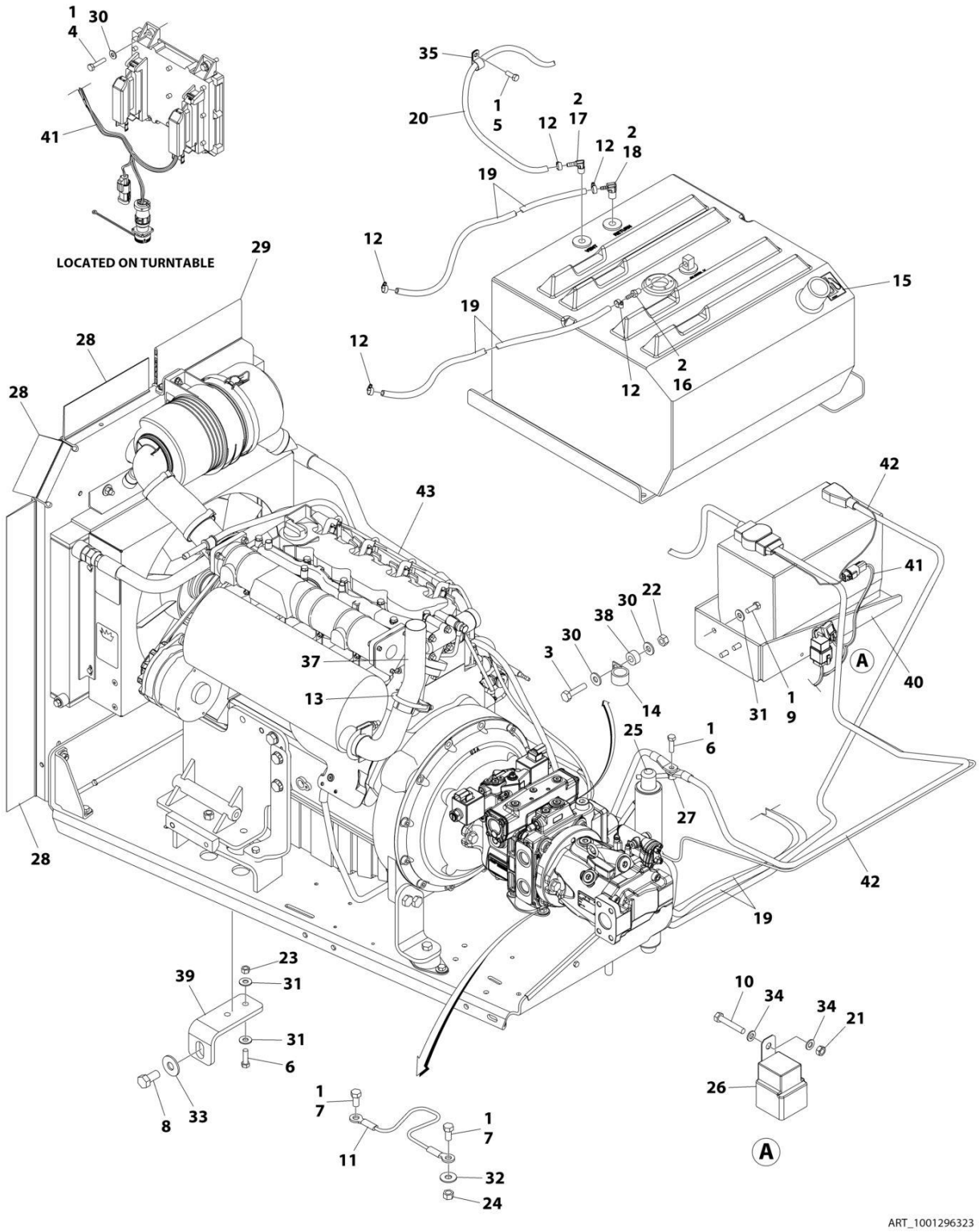
## FIGURE 3-3. DEUTZ D2011 ENGINE INSTALLATION - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001287834 | Ref | DEUTZ D2011 ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641409 | 1 | Bolt 1/4 x 1-1/8 | |
| 4 | 0641410 | 4 | Bolt 1/4 x 1-1/4 | |
| 5 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 6 | 0641610 | 3 | Bolt 3/8 x 1-1/4 | |
| 7 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 8 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 9 | 0681608 | 3 | Bolt 3/8 x 1 Grade 8 | |
| 10 | 1060626 | 1 | Cord, 3 Way Extension | |
| 11 | 1060637 | 1 | Cable, Lanyard | |
| 12 | 1320022 | 5 | Clamp, Hose | |
| 13 | 1320176 | 1 | Clamp | |
| 14 | 1320224 | 1 | Clamp | |
| 15 | 1701505 | 1 | Decal - Diesel | |
| 16 | 1702941 | 1 | Decal - Battery Heater | |
| 17 | 1702942 | 1 | Decal - Engine Block Heater | |
| 18 | 1702943 | 1 | Decal - Hydraulic Tank Heater | |
| 19 | 1702944 | 1 | Decal - Heater Cord | |
| 20 | 2180348 | 1 | Fitting, Straight Barbed | |
| 21 | 2220313 | 1 | Fitting, Elbow | |
| 22 | 2221176 | 1 | Fitting, Elbow Barbed | |
| 23 | 2580024 | 1 | Heater, Battery | |
| 24 | 2720058 | 30 ft/ 9.2m | Hose | |
| 25 | 2750532 | 3.6 ft/ 1m | Hose | |
| 26 | 3311405 | 1 | Nut 1/4 | |
| 27 | 3311605 | 2 | Nut 3/8 | |
| 28 | 3311801 | 1 | Nut 1/2 | |
| 29 | 3422446 | 1 | Pin, Pivot | |
| 30 | 3841143 | 1 | Pin, Keeper | |
| 31 | 3960548 | 44 in/ 1.1m | Seal | |
| 32 | 3960549 | 11 in/ 28cm | Seal | |
| 33 | 3980007 | 1 | Seat, Battery | |
| 34 | 4711400 | 6 | Washer 1/4 | |
| 35 | 4751600 | 7 | Washer 3/8 | |
| 36 | 4751800 | 1 | Washer 1/2 | |
| 37 | 4752000 | 1 | Washer 5/8 | |
| 38 | 8406102 | 1 | Clip | |
| 39 | 1001101600 | 1 | Tube, Exhaust | |
| 40 | 1001110425 | 1 | Spacer | |
| 41 | 1001150918 | 1 | Cable, Immersion Heater (Not Shown) | |
| 42 | 1001151070 | 1 | Plate | |
| 43 | 1001154237 | 1 | Engine and Pump Assembly with Arctic Package (See Separate Breakdown in this Section) | |
| 44 | 1001155143 | 1 | Battery Cable Kit | |
| 44A | 7027092 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot and Relay Grds) | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 44B | 8270147 | 1 | Terminal, Battery (With Boot) Cable, Battery (Black) | |
| 44C | 7027093 | 1 | Cable, Battery (Black) (Battery - to Aux Pump Ground) | |
| 44D | 7027053 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 44E | 7027094 | 1 | Cable (Red) (Battery + to Relays/Starter) | |
| 44F | 7027095 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 45 | 1001162497 | 1 | Bracket | |
| 46 | 1001188972 | 1 | Heater, Hydraulic Tank | |

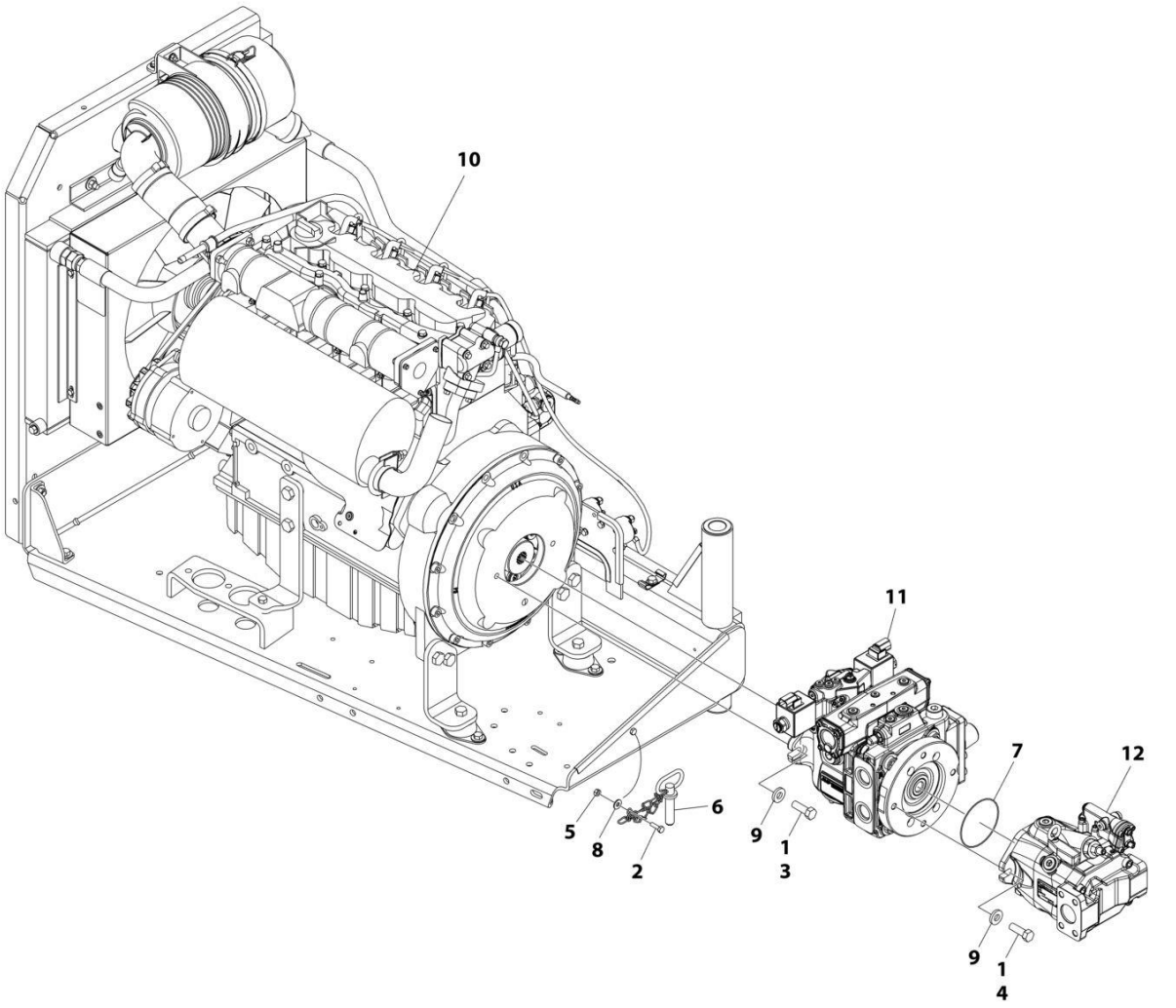
## FIGURE 3-4. DEUTZ D2011 ENGINE INSTALLATION (HIGH TEMP MARKETS)



## FIGURE 3-4. DEUTZ D2011 ENGINE INSTALLATION (HIGH TEMP MARKETS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296323 | Ref | DEUTZ D2011 ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641409 | 1 | Bolt 1/4 x 1-1/8 | |
| 4 | 0641410 | 4 | Bolt 1/4 x 1-1/4 | |
| 5 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 6 | 0641610 | 3 | Bolt 3/8 x 1-1/4 | |
| 7 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 8 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 9 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 10 | 0760514 | 1 | Bolt M5 x 30 | |
| 11 | 1060637 | 1 | Lanyard | |
| 12 | 1320022 | 5 | Clamp | |
| 13 | 1320176 | 1 | Clamp | |
| 14 | 1320224 | 1 | Clamp | |
| 15 | 1701505 | 1 | Decal - Diesel | |
| 16 | 2180348 | 1 | Fitting, Straight NPTF/Barbed | |
| 17 | 2220313 | 1 | Fitting, 90 NPTF/Barbed | |
| 18 | 2221176 | 1 | Fitting, 90 | |
| 19 | 2720058 | 30 ft/9 m | Hose | |
| 20 | 2750532 | 3.5 ft/1 m | Hose | |
| 21 | 3290501 | 1 | Nut M5 | |
| 22 | 3311405 | 1 | Nut 1/4 | |
| 23 | 3311605 | 2 | Nut 3/8 | |
| 24 | 3311801 | 1 | Nut 1/2 | |
| 25 | 3422446 | 1 | Pin | |
| 26 | 3740080 | 1 | Relay | |
| 27 | 3841143 | 1 | Pin, Keeper | |
| 28 | 3960548 | 4 ft/1.5 m | Seal | |
| 29 | 3960549 | 11 in/28 cm | Seal | |
| 30 | 4711400 | 6 | Washer 1/4 | |
| 31 | 4751600 | 7 | Washer 3/8 | |
| 32 | 4751800 | 1 | Washer 1/2 | |
| 33 | 4752000 | 1 | Washer 5/8 | |
| 34 | 4811600 | 2 | Washer M5 | |
| 35 | 8406102 | 1 | Clip | |
| 36 | 1001004720 | AR | Tie-Strap (Not Shown) | |
| 37 | 1001101600 | 1 | Tube, Exhaust | |
| 38 | 1001110425 | 1 | Spacer | |
| 39 | 1001151070 | 1 | Plate | |
| 40 | 1001162497 | 1 | Bracket | |
| 41 | 1001243366 | 1 | ECU Jumper Harness | |
| 42 | 1001243992 | 1 | Battery Cable Kit | |
| 43 | 1001296316 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |

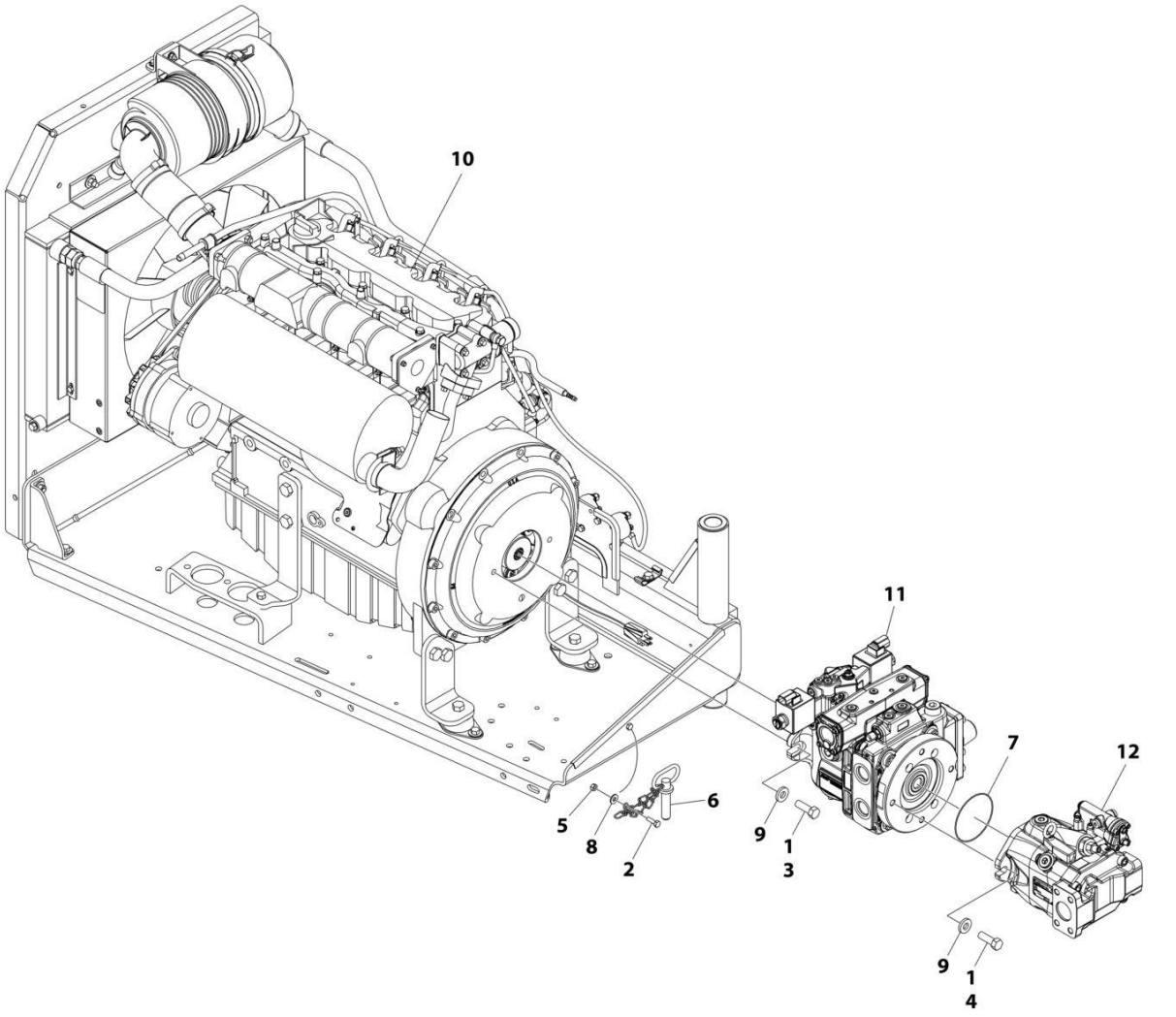
## FIGURE 3-5. DEUTZ D2011 ENGINE/PUMP SUB ASSEMBLY (WITHOUT ARCTIC PACKAGE)



## FIGURE 3-5. DEUTZ D2011 ENGINE/PUMP SUB ASSEMBLY (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296316 | Ref | DEUTZ D2011 ENGINE/PUMP SUB-ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 3 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 4 | 0711215 | 2 | Bolt M12 x 35 | |
| 5 | 3311405 | 1 | Nut 1/4 | |
| 6 | 3422532 | 1 | Pin, Hitch | |
| 7 | 3790044 | 1 | O-Ring | |
| 8 | 4751400 | 1 | Washer 1/4 | |
| 9 | 4891800 | 4 | Washer 1/2 | |
| 10 | 1001153396 | 1 | Engine Assembly Without Arctic Package (See Separate Breakdown in this Section) | |
| 11 | 1001276376 | 1 | Hydrostatic Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 12 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |

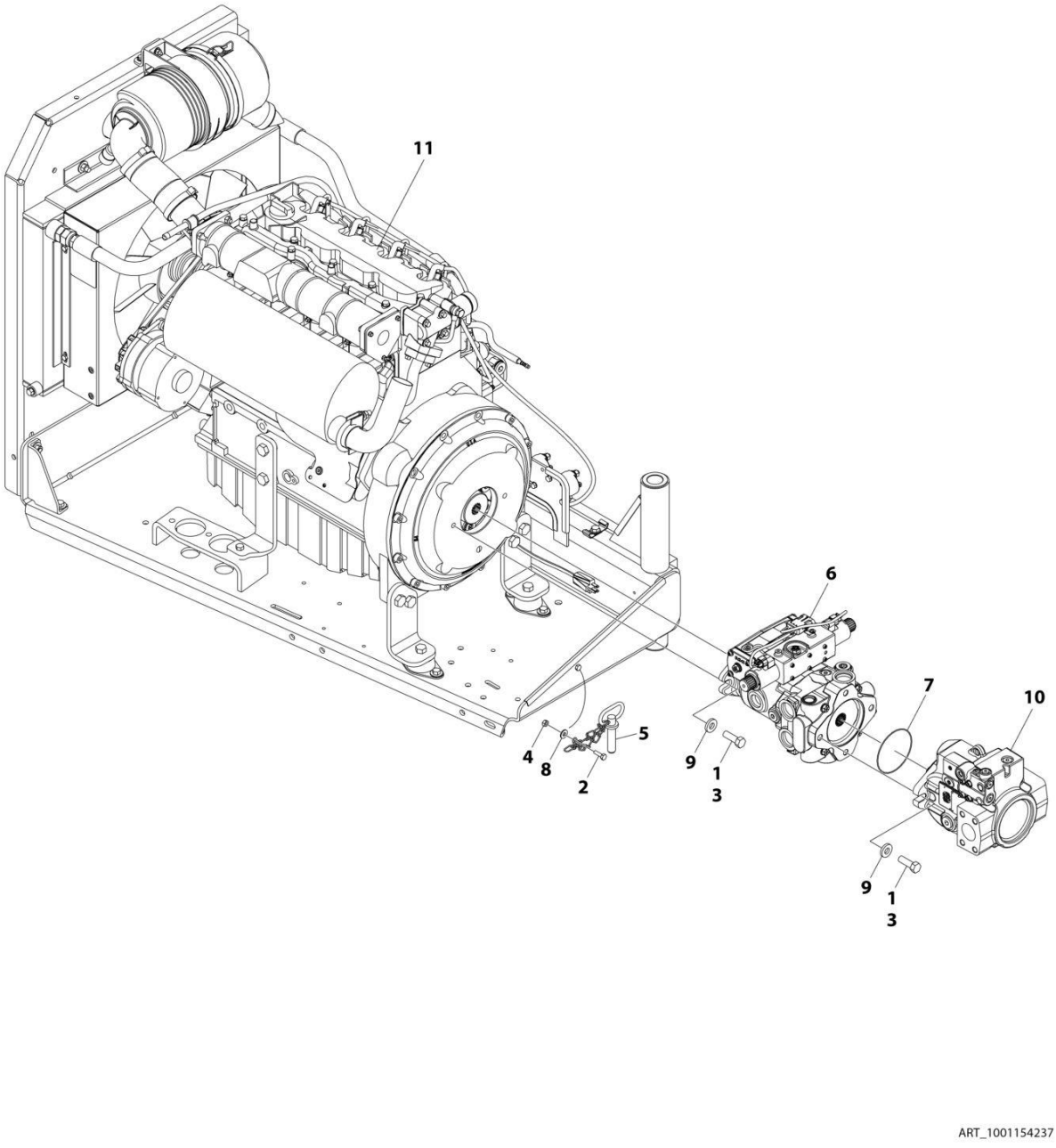
## FIGURE 3-6. DEUTZ D2011 ENGINE/PUMP SUB ASSEMBLY (WITH ARCTIC PACKAGE)



## FIGURE 3-6. DEUTZ D2011 ENGINE/PUMP SUB ASSEMBLY (WITH ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296318 | Ref | DEUTZ D2011 ENGINE/PUMP SUB-ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 3 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 4 | 0711215 | 2 | Bolt M12 x 35 | |
| 5 | 3311405 | 1 | Nut 1/4 | |
| 6 | 3422532 | 1 | Pin | |
| 7 | 3790044 | 1 | O-Ring | |
| 8 | 4751400 | 1 | Washer 1/4 | |
| 9 | 4891800 | 4 | Washer 1/2 | |
| 10 | 1001153779 | 1 | Engine Assembly With Arctic Package (See Separate Breakdown in this Section) | |
| 11 | 1001276376 | 1 | Hydrostatic Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 12 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |

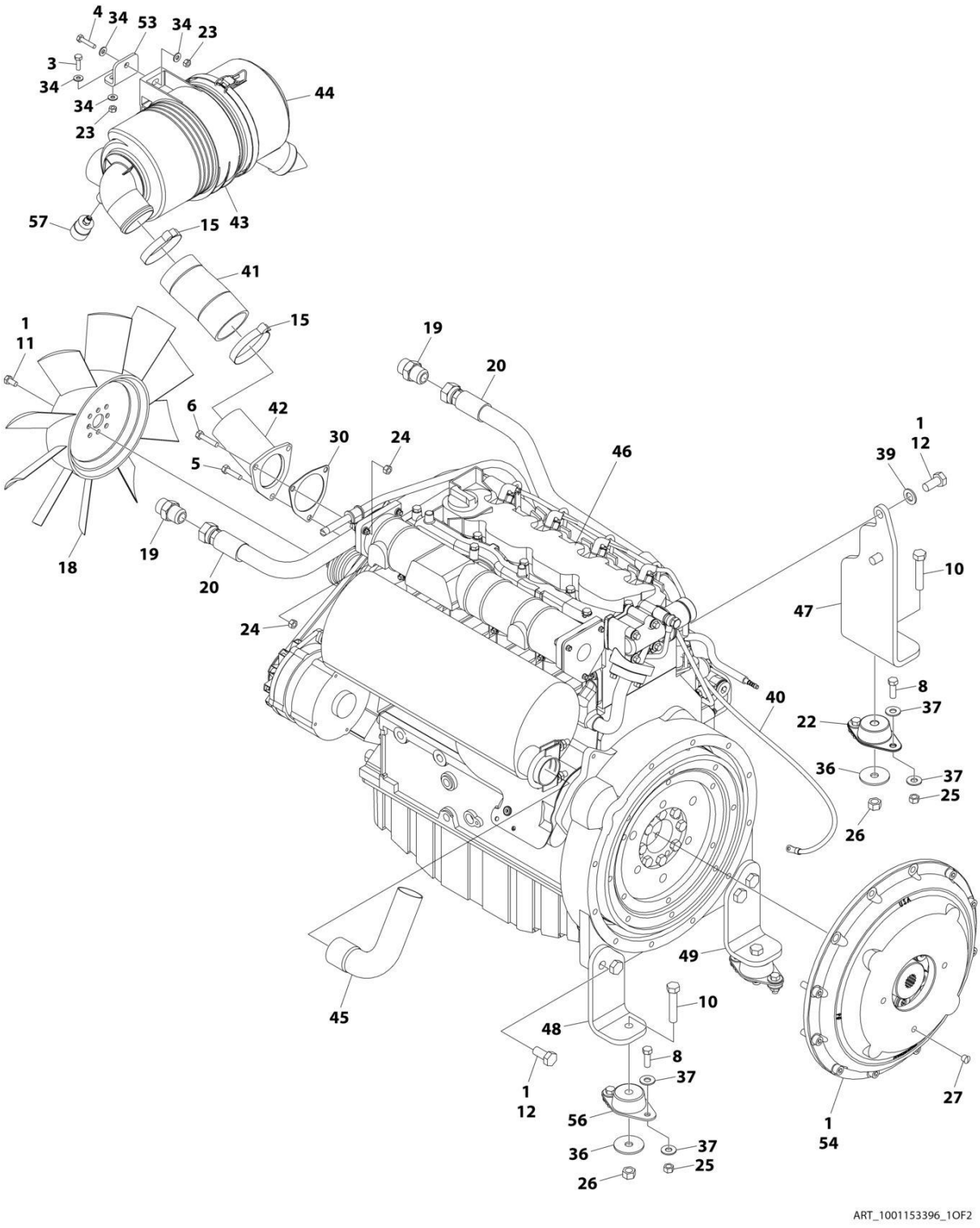
## FIGURE 3-7. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)

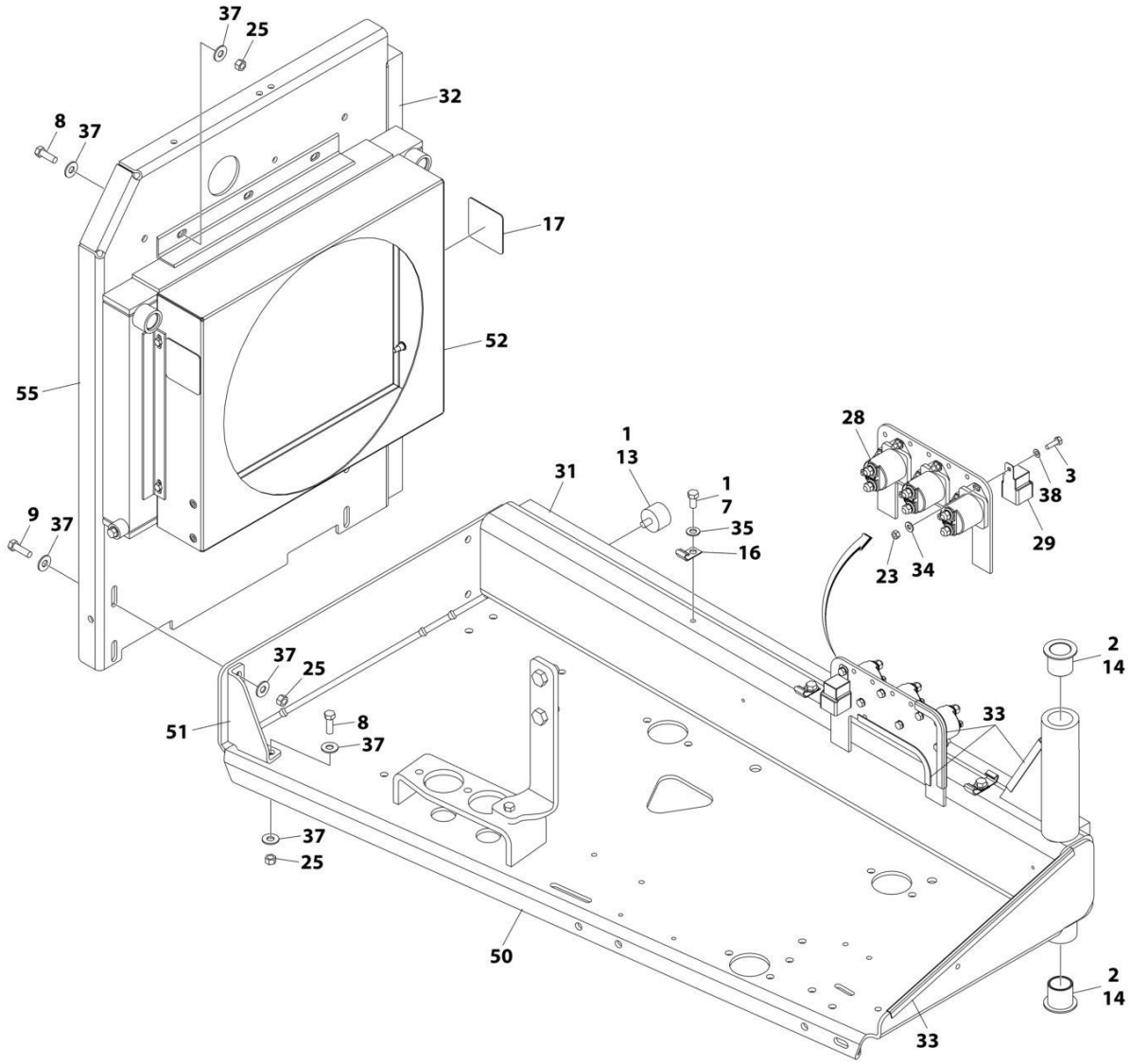


## FIGURE 3-7. DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001154237 | Ref | DEUTZ D2011 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE) | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 3 | 0641812 | 4 | Bolt 1/2 x 1-1/2 | |
| 4 | 3311405 | 1 | Nut 1/4 | |
| 5 | 3422532 | 1 | Pin, Hitch | |
| 6 | 1001225745 | 1 | Hydrostatic Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 7 | 3790044 | 1 | O-Ring | |
| 8 | 4751400 | 1 | Washer 1/4 | |
| 9 | 4891800 | 4 | Washer 1/2 | |
| 10 | 1001094595 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 11 | 1001153779 | 1 | Engine Assembly With Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-8. DEUTZ D2011 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)





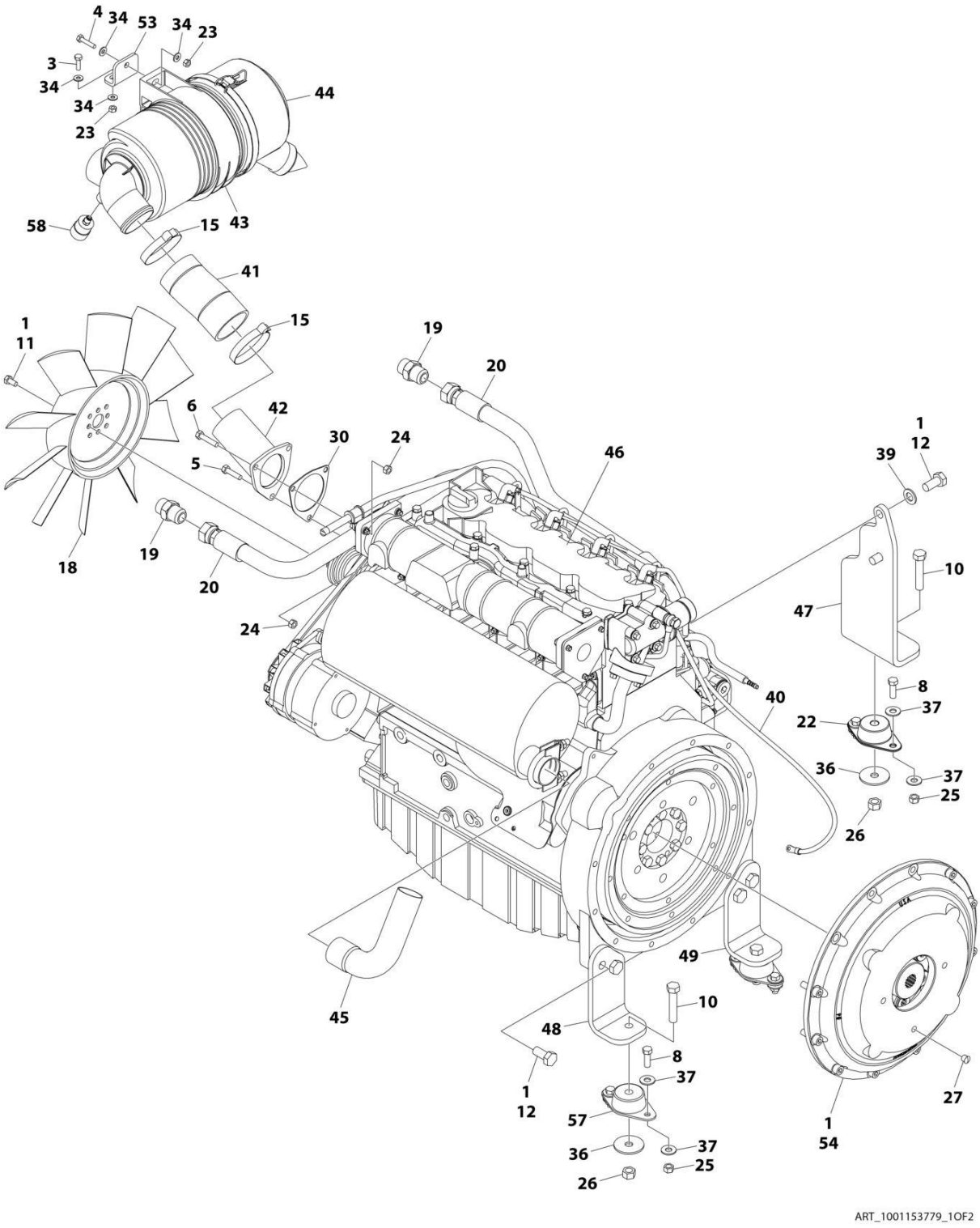

ART_1001153396_2OF2

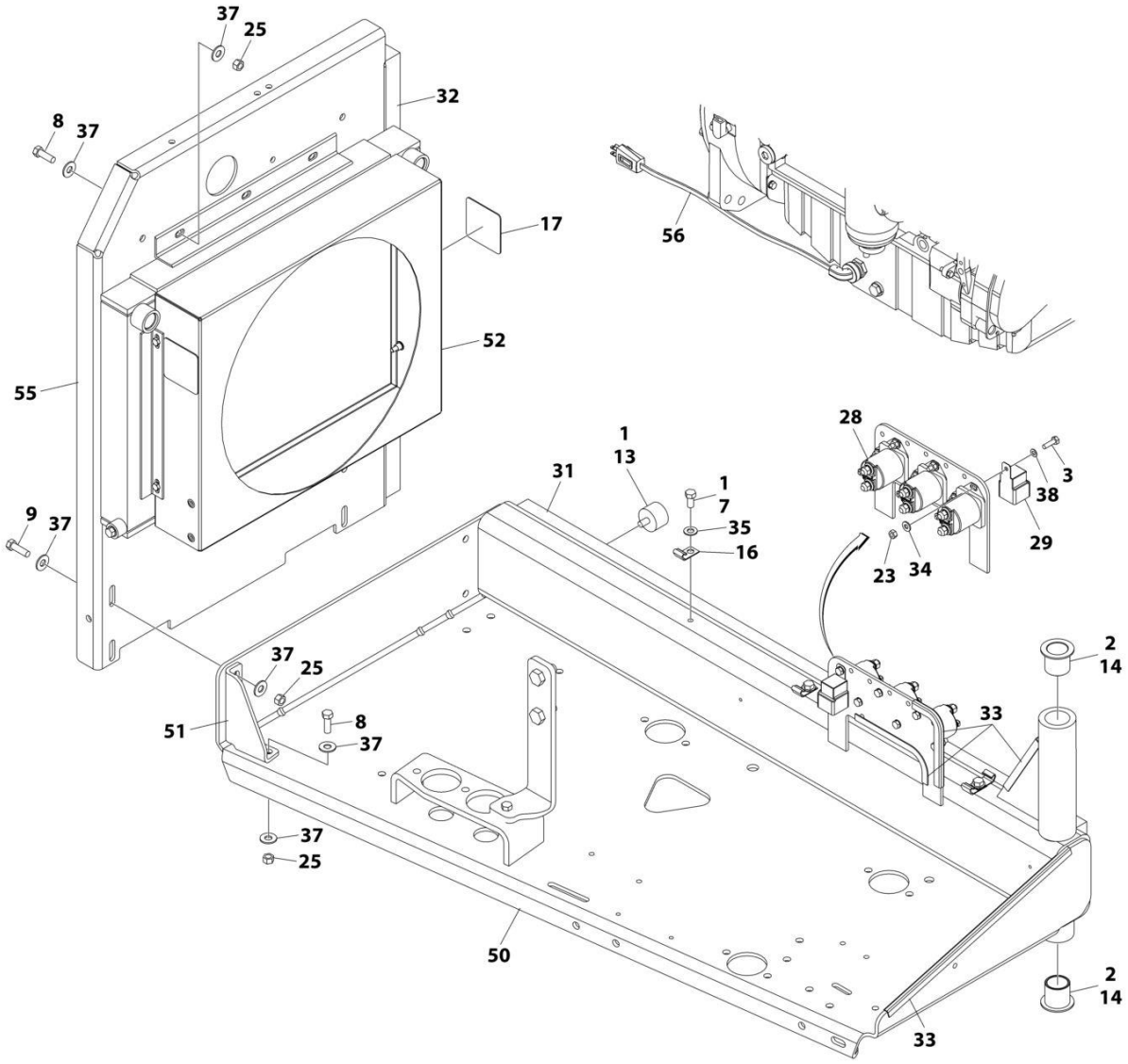
## FIGURE 3-8. DEUTZ D2011 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153396 | Ref | ENGINE ASSEMBLY WITHOUT ARCTIC PACKAGE | H |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100062 | AR | Compound, Locking | |
| 3 | 0641407 | 8 | Bolt 1/4 x 7/8 | |
| 4 | 0641410 | 2 | Bolt 1/4 x 1-1/4 | |
| 5 | 0641510 | 2 | Bolt 5/16 x 1-1/4 | |
| 6 | 0641512 | 1 | Bolt 5/16 x 1-1/2 | |
| 7 | 0641606 | 3 | Bolt 3/8 x 3/4 | |
| 8 | 0641609 | 14 | Bolt 3/8 x 1-1/8 | |
| 9 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 10 | 0641820 | 3 | Bolt 1/2 x 2-1/2 | |
| 11 | 0700808 | 4 | Bolt M8 x 16 | |
| 12 | 0771414 | 6 | Bolt M14 x 30 | |
| 13 | 0940070 | 1 | Bumper | |
| 14 | 0961986 | 2 | Bushing, Flanged | |
| 15 | 1320016 | 2 | Clamp | |
| 16 | 1320223 | 4 | J-Clip | |
| 17 | 1703162 | 2 | Decal - Caution Fan Blade | |
| 18 | 2060025 | 1 | Fan | |
| 19 | 2220451 | 2 | Fitting, Straight | |
| 20 | 2720398 | 2 | Hose, Oil Cooler | |
| 22 | 3200406 | 1 | Mount, Motor | |
| 23 | 3311405 | 10 | Nut 1/4 | |
| 24 | 3311505 | 3 | Nut 5/16 | |
| 25 | 3311605 | 18 | Nut 3/8 | |
| 26 | 3311805 | 3 | Nut 1/2 | |
| 27 | 3520054 | 2 | Plug | |
| 28 | 3740067 | 3 | Relay | |
| 29 | 3740080 | 1 | Relay | |
| 30 | 3960407 | 1 | Gasket, Air Intake | |
| 31 | 3960468 | 1 | Seal | |
| 32 | 3960469 | 1 | Seal | |
| 33 | 4060805 | 37 in/1m | Flex-Trim | |
| 34 | 4711400 | 14 | Washer 1/4 | |
| 35 | 4711600 | 3 | Washer 3/8 | |
| 36 | 4740274 | 3 | Washer, Snubbing | |
| 37 | 4751600 | 36 | Washer 3/8 | |
| 38 | 4791400 | 6 | Washer, Star 1/4 | |
| 39 | 4812200 | 2 | Washer M14 | |
| 40 | 4923379 | 1 | Harness, Glow Plug | |
| 41 | 1001001939 | 1 | Hose, Flex | |
| 42 | 1001146273 | 1 | Adapter, Air Intake | |
| 43 | 1001147812 | 1 | Clamp | |
| 44 | 1001147813 | 1 | Air Cleaner Assembly Filter Element | |
| 44 | 70004020 | 1 | Element, Filter (Not Shown) | |
| 45 | 1001147820 | 1 | Pipe, Exhaust | |
| 46 | 1001147823 | 1 | Engine, Deutz D2011 (See Separate Breakdown in this section) | |
| 47 | 1001149704 | 1 | Support, Engine | |
| 48 | 1001149705 | 1 | Support, Engine | |
| 49 | 1001149706 | 1 | Support, Engine | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 1001149793 | 1 | Tray, Engine | |
| 51 | 1001150915 | 1 | Gusset | |
| 52 | 1001150998 | 1 | Radiator | |
| 53 | 1001152459 | 1 | Plate, Air Cleaner Mounting | |
| 54 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this section) | |
| 55 | 1001153414 | 1 | Plate, Radiator Mounting | |
| 56 | 3200401 | 2 | Mount, Motor | |
| 57 | 1001143390 | 1 | Indicator | |

## FIGURE 3-9. DEUTZ D2011 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)

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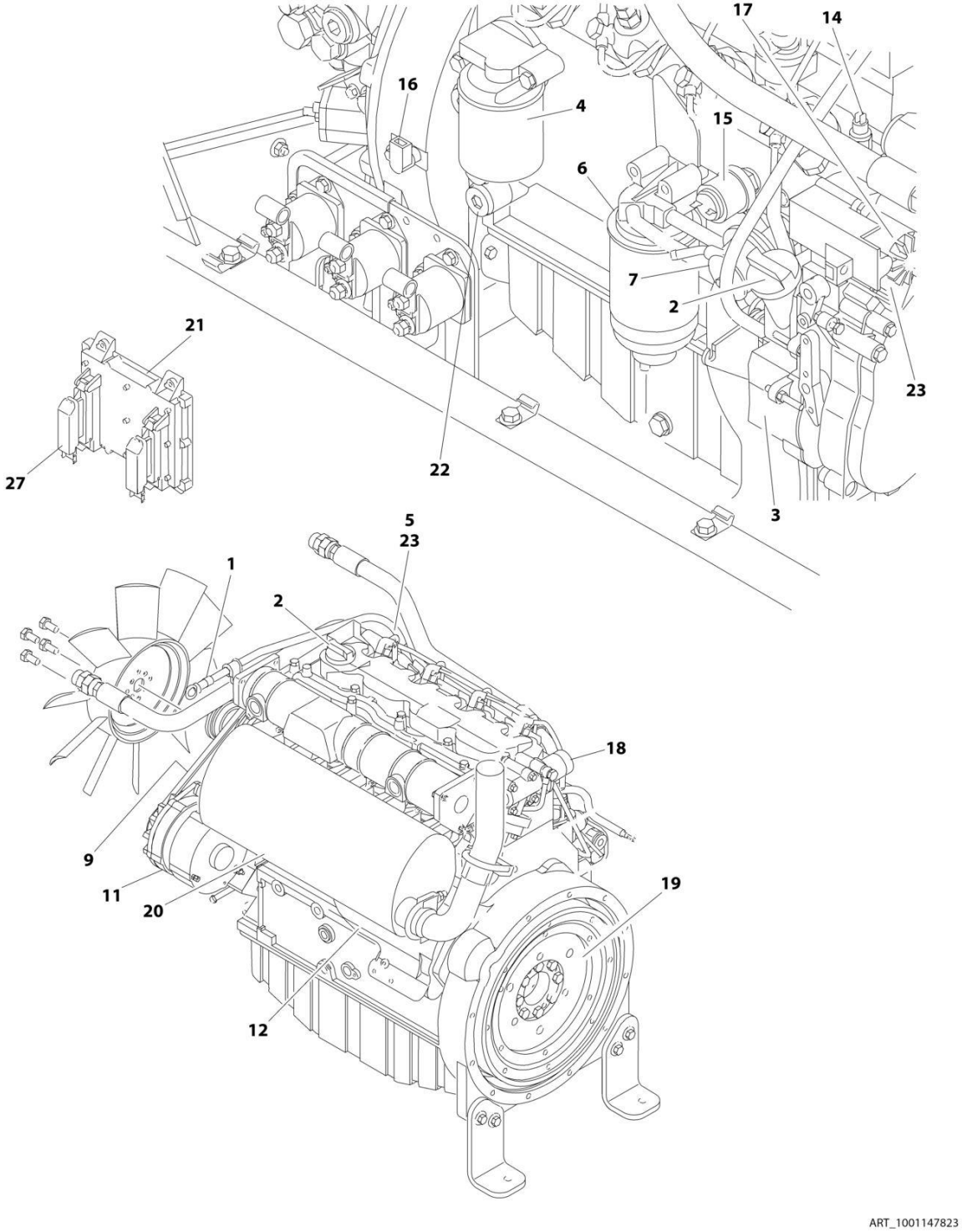
## FIGURE 3-9. DEUTZ D2011 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153779 | Ref | ENGINE ASSEMBLY WITH ARCTIC PACKAGE | H |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100062 | AR | Compound, Locking | |
| 3 | 0641407 | 8 | Bolt 1/4 x 7/8 | |
| 4 | 0641410 | 2 | Bolt 1/4 x 1-1/4 | |
| 5 | 0641510 | 2 | Bolt 5/16 x 1-1/4 | |
| 6 | 0641512 | 1 | Bolt 5/16 x 1-1/2 | |
| 7 | 0641606 | 3 | Bolt 3/8 x 3/4 | |
| 8 | 0641609 | 14 | Bolt 3/8 x 1-1/8 | |
| 9 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 10 | 0641820 | 3 | Bolt 1/2 x 2-1/2 | |
| 11 | 0700808 | 4 | Bolt M8 x 16 | |
| 12 | 0771414 | 6 | Bolt M14 x 30 | |
| 13 | 0940070 | 1 | Bumper | |
| 14 | 0961986 | 2 | Bushing, Flanged | |
| 15 | 1320016 | 2 | Clamp | |
| 16 | 1320223 | 4 | J-Clip | |
| 17 | 1703162 | 2 | Decal - Caution Fan Blade | |
| 18 | 2060025 | 1 | Fan | |
| 19 | 2220451 | 2 | Fitting, Straight | |
| 20 | 2720398 | 2 | Hose, Oil Cooler | |
| 22 | 3200406 | 1 | Mount, Motor | |
| 23 | 3311405 | 10 | Nut 1/4 | |
| 24 | 3311505 | 3 | Nut 5/16 | |
| 25 | 3311605 | 18 | Nut 3/8 | |
| 26 | 3311805 | 3 | Nut 1/2 | |
| 27 | 3520054 | 2 | Plug | |
| 28 | 3740067 | 3 | Relay | |
| 29 | 3740080 | 1 | Relay | |
| 30 | 3960407 | 1 | Gasket, Air Intake | |
| 31 | 3960468 | 1 | Seal | |
| 32 | 3960469 | 1 | Seal | |
| 33 | 4060805 | 37 in/1m | Flex-Trim | |
| 34 | 4711400 | 14 | Washer 1/4 | |
| 35 | 4711600 | 3 | Washer 3/8 | |
| 36 | 4740274 | 3 | Washer, Snubbing | |
| 37 | 4751600 | 36 | Washer 3/8 | |
| 38 | 4791400 | 6 | Washer, Star 1/4 | |
| 39 | 4812200 | 2 | Washer M14 | |
| 40 | 4923379 | 1 | Harness, Glow Plug | |
| 41 | 1001001939 | 1 | Hose, Flex | |
| 42 | 1001146273 | 1 | Adapter, Air Intake | |
| 43 | 1001147812 | 1 | Clamp | |
| 44 | 1001147813 | 1 | Air Cleaner Assembly Filter Element | |
| 44 | 70004020 | 1 | Element, Filter (Not Shown) | |
| 45 | 1001147820 | 1 | Pipe, Exhaust | |
| 46 | 1001147823 | 1 | Engine, Deutz D2011 (See Separate Breakdown in this Section) | |
| 47 | 1001149704 | 1 | Support, Engine | |
| 48 | 1001149705 | 1 | Support, Engine | |
| 49 | 1001149706 | 1 | Support, Engine | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 1001149793 | 1 | Tray, Engine | |
| 51 | 1001150915 | 1 | Gusset | |
| 52 | 1001150998 | 1 | Radiator | |
| 53 | 1001152459 | 1 | Plate, Air Cleaner Mounting | |
| 54 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this Section) | |
| 55 | 1001153414 | 1 | Plate, Radiator Mounting | |
| 56 | 2580062 | 1 | Heater, Block | |
| 57 | 3200401 | 2 | Mount, Motor | |
| 58 | 1001143390 | 1 | Indicator | |

## FIGURE 3-10. DEUTZ D2011 ENGINE COMPONENTS



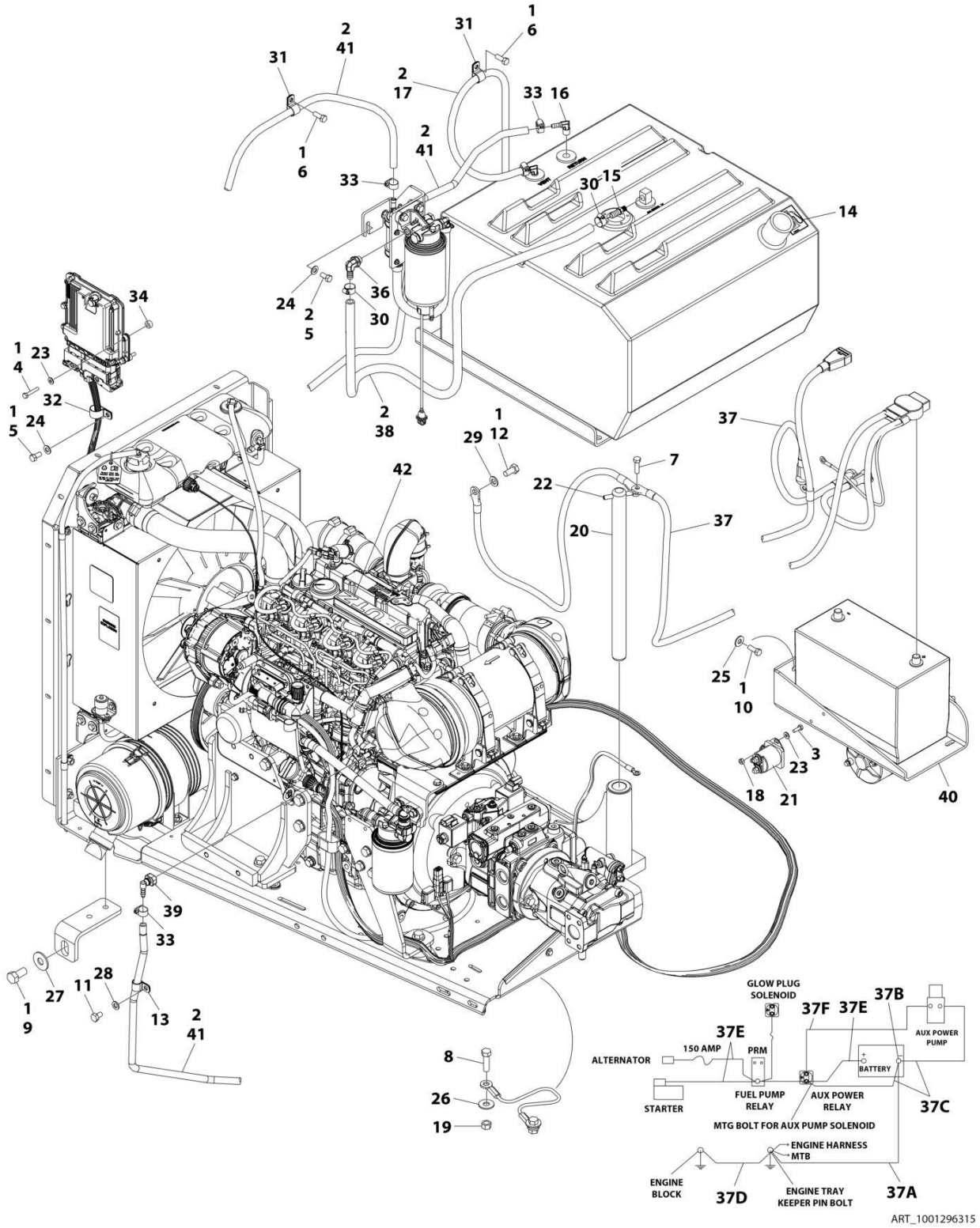
## FIGURE 3-10. DEUTZ D2011 ENGINE COMPONENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147823 | Ref | ENGINE COMPONENTS | C |
| 1 | 70004287 | 1 | Dipstick | |
| 1 | 70000044 | 1 | Seal, Dipstick | |
| 1 | 70001002 | 1 | Tube, Dipstick | |
| 1 | 7020403 | 1 | Seal, Dipstick Tube | |
| 2 | 7020465 | 2 | Cap, Filler | |
| 3 | 70001850 | 1 | Pump, Oil Lube | |
| 3 | 7020468 | 1 | Seal Between Oil Pump and Engine Block (Not Shown) | |
| 4 | 7016331 | 1 | Filter, Oil | |
| 4 | 70003472 | 1 | Bracket, Oil Filter | |
| 4 | 7027236 | 1 | Sender, Temperature | |
| 4 | 70025082 | 1 | Ring, Sealing | |
| 5 | 70000912 | 4 | Series A Injector | |
| 5 | 70000913 | 4 | Series B Injector | |
| 5 | 70000914 | 4 | Series C Injector | |
| 5 | 70000915 | 4 | Series D Injector | |
| 5 | 70003464 | 4 | Seal/Gasket, Pump (1 Per Injector) | |
| 5 | 70003478 | 4 | Injector, Fuel | |
| 5 | 70003136 | 4 | Seal/Gasket, Pump (1 Per Injector) | |
| 6 | 7016328 | 1 | Filter, Fuel | |
| 6 | 70003465 | 1 | Sensor | |
| 6 | 70003466 | 1 | Seal, Sensor | |
| 7 | 70000916 | 1 | Pump, Fuel Supply | |
| 7 | 70001435 | 1 | Repair Kit for Fuel Supply Pump | |
| 7 | 70000919 | 1 | Hand Pump for Fuel Supply Pump | |
| 7 | 70000917 | 1 | O - Seal Between Fuel Pump and Engine Block | |
| 7 | 70000918 | 1 | O - Seal Between Fuel Pump and Hand Pump | |
| 8 | 70001871 | 4 | Gasket, Intake Manifold | |
| 9 | 7020408 | 1 | V-Belt | |
| 10 | | Ref | Exhaust Manifold Components (Not Shown) | |
| 10 | 70001835 | 1 | Gasket, Exhaust Adapter to Exhaust Rail | |
| 10 | 70001841 | 1 | Valve, Exhaust (Fits into Exhaust Adapter) | |
| 10 | 70001836 | 1 | Gasket, Exhaust Rail to Cylinder Head | |
| 10 | 70001837 | 1 | Gasket, Exhaust Manifold to Muffler | |
| 10 | 70002200 | 4 | Stud, Mounting | |
| 10 | See Note | AR | Nut, Exhaust Manifold | |
| 11 | 70004056 | 1 | Alternator | |
| 11 | 70001868 | 1 | Regulator, Voltage (Not Shown) | |
| 11 | 70001866 | 1 | Seal, Gasket for Voltage Regulator (Not Shown) | |
| 11 | 70002234 | 1 | Bar, Alternator Adjustment | |
| 12 | 7020479 | 1 | Starter | |
| 12 | 70004058 | 1 | Relay | |
| 13 | 70004060 | 2 | Plug-In Connector | |
| 14 | 7027791 | 1 | Transmitter, Temperature | |
| 15 | 7027790 | 1 | Sensor, Oil Pressure | |
| 16 | 70004272 | 1 | Sensor, Speed | |
| 17 | 7027792 | 1 | Throttle Actuator | |
| 17 | 7027276 | 2 | Spring | |
| 18 | 70003475 | 1 | Thermostat (Located at rear of engine block - Not Shown) | |
| 19 | 70001870 | 1 | Flywheel with Ring Gear | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 19 | 7024579 | 1 | Gear, Ring 110 Tooth | |
| 20 | 7000695 | 1 | Muffler | |
| 20 | 70001844 | 1 | U-Ciamp | |
| 20 | 7020471 | 4 | Gasket | |
| 21 | 7027795 | 1 | Module, Control | |
| 22 | 70001181 | 1 | Valve, Pressure Control | |
| 22 | 70124410 | 1 | Spring | |
| 22 | 70025082 | 1 | Seal | |
| 22 | 70124440 | 1 | Screw, Locking | |
| 23 | 70000345 | 4 | Plug, Glow | |
| 24 | 70000800 | 1 | Camshaft Pulley Repair Kit (Not Shown | |
| 26 | 70002415 | 1 | Gasket, Head with 1 Notch (Not Shown) | |
| 62 | 70002416 | 1 | Gasket, Head with 2 Notch (Not Shown) | |
| 26 | 70002417 | 1 | Gasket, Head with 3 Notch (Not Shown) | |
| 27 | 7027796 | 1 | Harness, Engine (Connects to Item 421) | |
| 27 | 70001872 | 1 | Harness, Engine (Connects to p/n 7027796) | |
| 28 | | Ref | Gaskets and Seals - Miscellaneous (Not Shown) | |
| 28 | 70004289 | 1 | Gasket Set | |
| 28 | 70002718 | 1 | Seal, Rear Main | |
| 28 | 70004280 | 1 | Seal, Front Main | |
| 29 | 70025752 | 1 | Valve, Pressure Relief (Not Shown - Located at Engine Front Left) | |
| 29 | 70025753 | 1 | Spring | |
| 29 | 70005916 | 1 | Seal | |
| 29 | 70005917 | 1 | Plug, Locking | |

## FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)



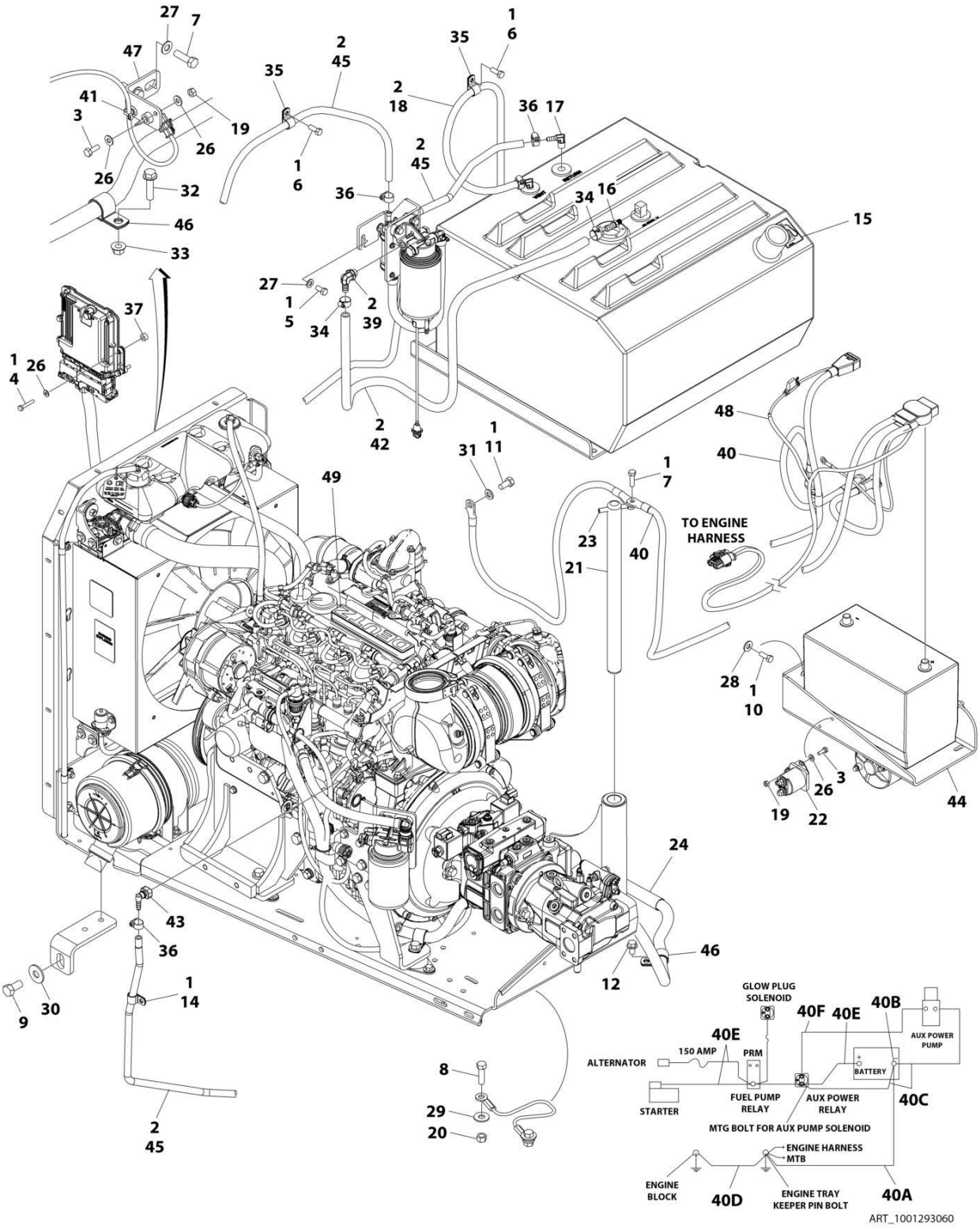
## FIGURE 3-11. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296315 | Ref | DEUTZ TD2.9L4 ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 3 | Bolt 3/8 x 3/4 | |
| 6 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 7 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 11 | 0761008 | 1 | Bolt M10 x 16 | |
| 12 | 0771212 | 1 | Bolt M12 x 25 | |
| 13 | 1320061 | 1 | Clamp | |
| 14 | 1701505 | 1 | Decal - Diesel Fuel (Located on Fuel Tank or Hood) | |
| 15 | 2180832 | 1 | Fitting, Straight Barbed | |
| 16 | 2220313 | 2 | Fitting, 90 NPTF/Barbed | |
| 17 | 2750532 | 3.5 ft/1 m | Hose | |
| 18 | 3311405 | 2 | Nut 1/4 | |
| 19 | 3311805 | 1 | Nut 1/2 | |
| 20 | 3422446 | 1 | Pin, Pivot | |
| 21 | 3740067 | 1 | Relay | |
| 22 | 3841143 | 1 | Pin, Keeper | |
| 23 | 4711400 | 7 | Washer 1/4 | |
| 24 | 4711600 | 3 | Washer 3/8 | |
| 25 | 4751600 | 3 | Washer 3/8 | |
| 26 | 4751800 | 1 | Washer 1/2 | |
| 27 | 4752000 | 1 | Washer 5/8 | |
| 28 | 4812000 | 1 | Washer M10 | |
| 29 | 4812100 | 1 | Washer M12 | |
| 30 | 8405006 | 2 | Clamp | |
| 31 | 8406102 | 2 | Clip | |
| 32 | 8406201 | 1 | Clip | |
| 33 | 8410013 | 5 | Clamp | |
| 34 | 1001110425 | 4 | Spacer | |
| 35 | 1001138491 | 1 | Fuel Pump Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 36 | 1001142501 | 1 | Fitting, 90 Barbed | |
| 37 | 1001143736 | 1 | Battery Cable Kit | F |
| 37A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grd) | |
| 37B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 37C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 37D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 37E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 37F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 38 | 1001154405 | 5 ft/1.5 m | Hose | |
| 39 | 1001155823 | 1 | Fitting, 90 Quick Disconnect | |
| 40 | 1001162497 | 1 | Bracket, Battery | |
| 41 | 1001165035 | 27.5 ft/8.3 m | Hose | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 42 | 1001296314 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-12. DEUTZ TD2.9L4 (STAGE V) ENGINE INSTALLATION

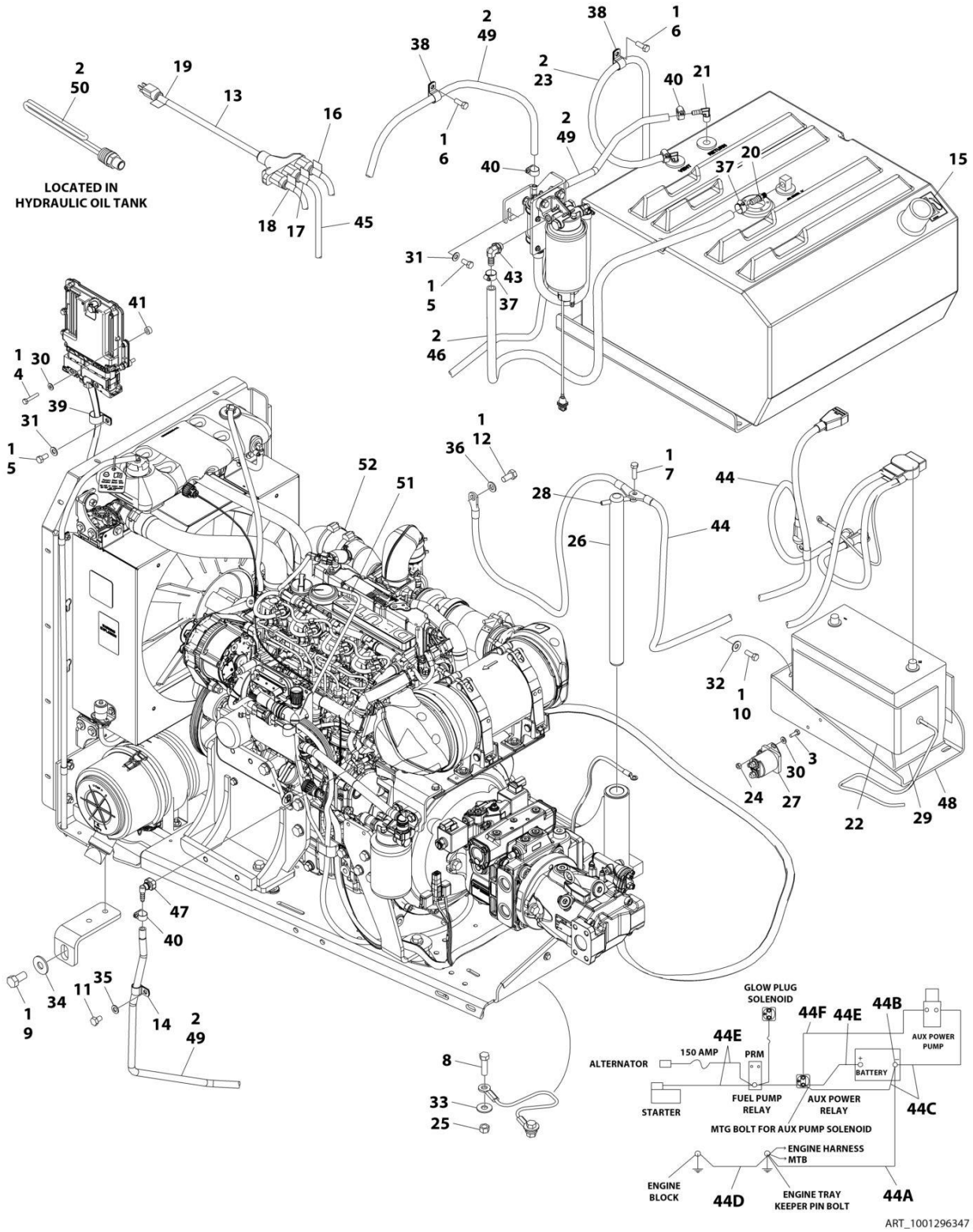


## FIGURE 3-12. DEUTZ TD2.9L4 (STAGE V) ENGINE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001293060 | Ref | DEUTZ TD2.9L4 (STAGE V) ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 2 | Bolt 3/8 x 3/4 | |
| 6 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 7 | 0641610 | 3 | Bolt 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 11 | 0771212 | 1 | Bolt M12 x 25 | |
| 12 | 0811606 | 1 | Screw 3/8 x 3/4 | |
| 13 | 1062255 | AR | Tie-Strap (Not Shown) | |
| 14 | 1320061 | 1 | Clamp | |
| 15 | 1701505 | 1 | Decal - Diesel Fuel (Located on Fuel Tank or Hood) | |
| 16 | 2180832 | 1 | Fitting, Straight Barbed | |
| 17 | 2220313 | 2 | Fitting, 90 NPTF/Barbed | |
| 18 | 2750532 | 4 ft/1.5 m | Hose | |
| 19 | 3311405 | 3 | Nut 1/4 | |
| 20 | 3311805 | 1 | Nut 1/2 | |
| 21 | 3422446 | 1 | Pin | |
| 22 | 3740067 | 1 | Relay | |
| 23 | 3841143 | 1 | Pin, Keeper | |
| 24 | 4100063 | 1 | Sleeve, Hose Wrap | |
| 25 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 26 | 4711400 | 9 | Washer 1/4 | |
| 27 | 4711600 | 4 | Washer 3/8 | |
| 28 | 4751600 | 3 | Washer 3/8 | |
| 29 | 4751800 | 1 | Washer 1/2 | |
| 30 | 4752000 | 1 | Washer 5/8 | |
| 31 | 4812100 | 1 | Washer M12 | |
| 32 | 5251016 | 1 | Bolt M10 x 40 | |
| 33 | 5261000 | 1 | Nut M10 | |
| 34 | 8405006 | 2 | Clamp | |
| 35 | 8406102 | 2 | Clip | |
| 36 | 8410013 | 5 | Clamp | |
| 37 | 1001110425 | 4 | Spacer | |
| 38 | 1001138491 | 1 | Fuel Pump Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 39 | 1001142501 | 1 | Fitting, 90 Barbed | |
| 40 | 1001143736 | 1 | Battery Cable Kit | F |
| 40A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grd) | |
| 40B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 40C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 40D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 40E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 40F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 41 | 1001146588 | 1 | Strap | |
| 42 | 1001154405 | 5 ft/1.5 m | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 43 | 1001155823 | 1 | Fitting, 90 Quick Disconnect | |
| 44 | 1001162497 | 1 | Bracket, Battery | |
| 45 | 1001165035 | 28 ft/9 m | Hose | |
| 46 | 1001191620 | 2 | Clamp | |
| 47 | 1001256879 | 1 | Bracket | |
| 48 | 1001289593 | 1 | ECU Power Jumper Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 49 | 1001296655 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-13. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)

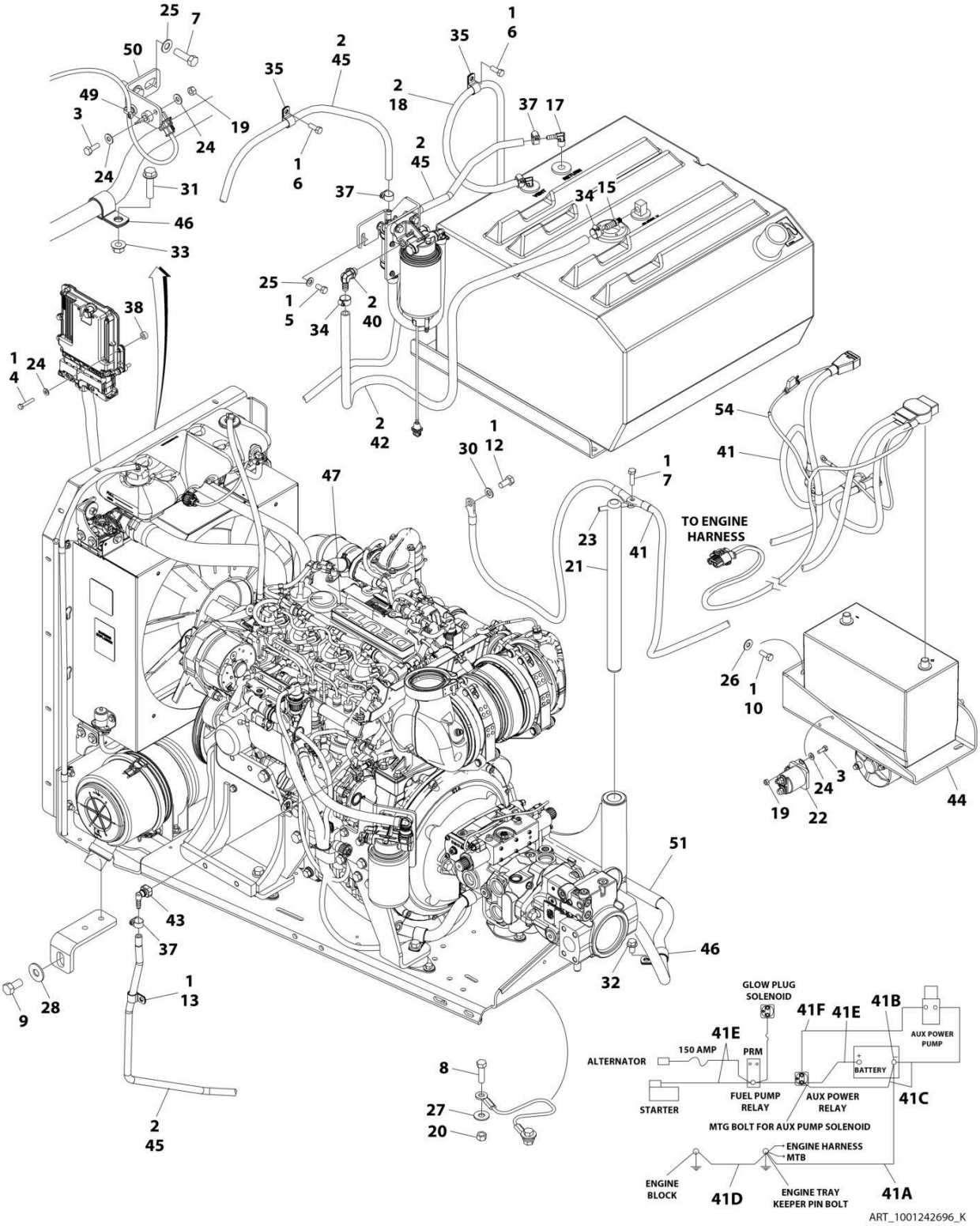


## FIGURE 3-13. DEUTZ TD2.9L4 ENGINE INSTALLATION (WITH ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296347 | Ref | DEUTZ TD2.9L4 ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 3 | Bolt 3/8 x 3/4 | |
| 6 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 7 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 11 | 0761008 | 1 | Bolt M10 x 16 | |
| 12 | 0771212 | 1 | Bolt M12 x 25 Grade 10.9 | |
| 13 | 1060626 | 1 | Cord, 3 Way Extension | |
| 14 | 1320061 | 1 | Clamp | |
| 15 | 1701505 | 1 | Decal - Diesel Fuel | |
| 16 | 1702941 | 1 | Decal - Battery Heater | |
| 17 | 1702942 | 1 | Decal - Engine Block Heater | |
| 18 | 1702943 | 1 | Decal - Hydraulic Tank Heater | |
| 19 | 1702944 | 1 | Decal - Heater Cord | |
| 20 | 2180832 | 1 | Fitting, Straight Barbed | |
| 21 | 2220313 | 2 | Fitting, 90 NPTF/Barbed | |
| 22 | 2580024 | 1 | Heater, Battery | |
| 23 | 2750532 | 3.5 ft/1 m | Hose | |
| 24 | 3311405 | 2 | Nut 1/4 | |
| 25 | 3311805 | 1 | Nut 1/2 | |
| 26 | 3422446 | 1 | Pin, Pivot | |
| 27 | 3740067 | 1 | Relay | |
| 28 | 3841143 | 1 | Pin, Keeper | |
| 29 | 3980007 | 1 | Seat, Battery | |
| 30 | 4711400 | 7 | Washer 1/4 | |
| 31 | 4711600 | 3 | Washer 3/8 | |
| 32 | 4751600 | 3 | Washer 3/8 | |
| 33 | 4751800 | 1 | Washer 1/2 | |
| 34 | 4752000 | 1 | Washer 5/8 | |
| 35 | 4812000 | 1 | Washer M10 | |
| 36 | 4812100 | 1 | Washer M12 | |
| 37 | 8405006 | 2 | Clamp | |
| 38 | 8406102 | 2 | Clip | |
| 39 | 8406201 | 1 | Clip | |
| 40 | 8410013 | 5 | Clamp | |
| 41 | 1001110425 | 4 | Spacer | |
| 42 | 1001138491 | 1 | Fuel Pump Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001142501 | 1 | Fitting, 90 Barbed | |
| 44 | 1001143736 | 1 | Battery Cable Kit | |
| 44A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grd) | |
| 44B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 44C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 44D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 44E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 44F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 45 | 1001150918 | 1 | Cable, Immersion Heater | |
| 46 | 1001154405 | 5 ft/1.5 m | Hose | |
| 47 | 1001155823 | 1 | Fitting, 90 Quick Disconnect | |
| 48 | 1001162497 | 1 | Bracket, Battery | |
| 49 | 1001165035 | 28 ft/8.5 m | Hose | |
| 50 | 1001188972 | 1 | Heater, Hydraulic Tank | |
| 51 | 1001233763 | 1 | Deutz Breather Heater Installation (with Arctic Package) (See Separate Breakdown in this Section) | |
| 52 | 1001296346 | 1 | Engine and Pump Assembly with Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-14. DEUTZ TD2.9L4 (STAGE V) ENGINE INSTALLATION

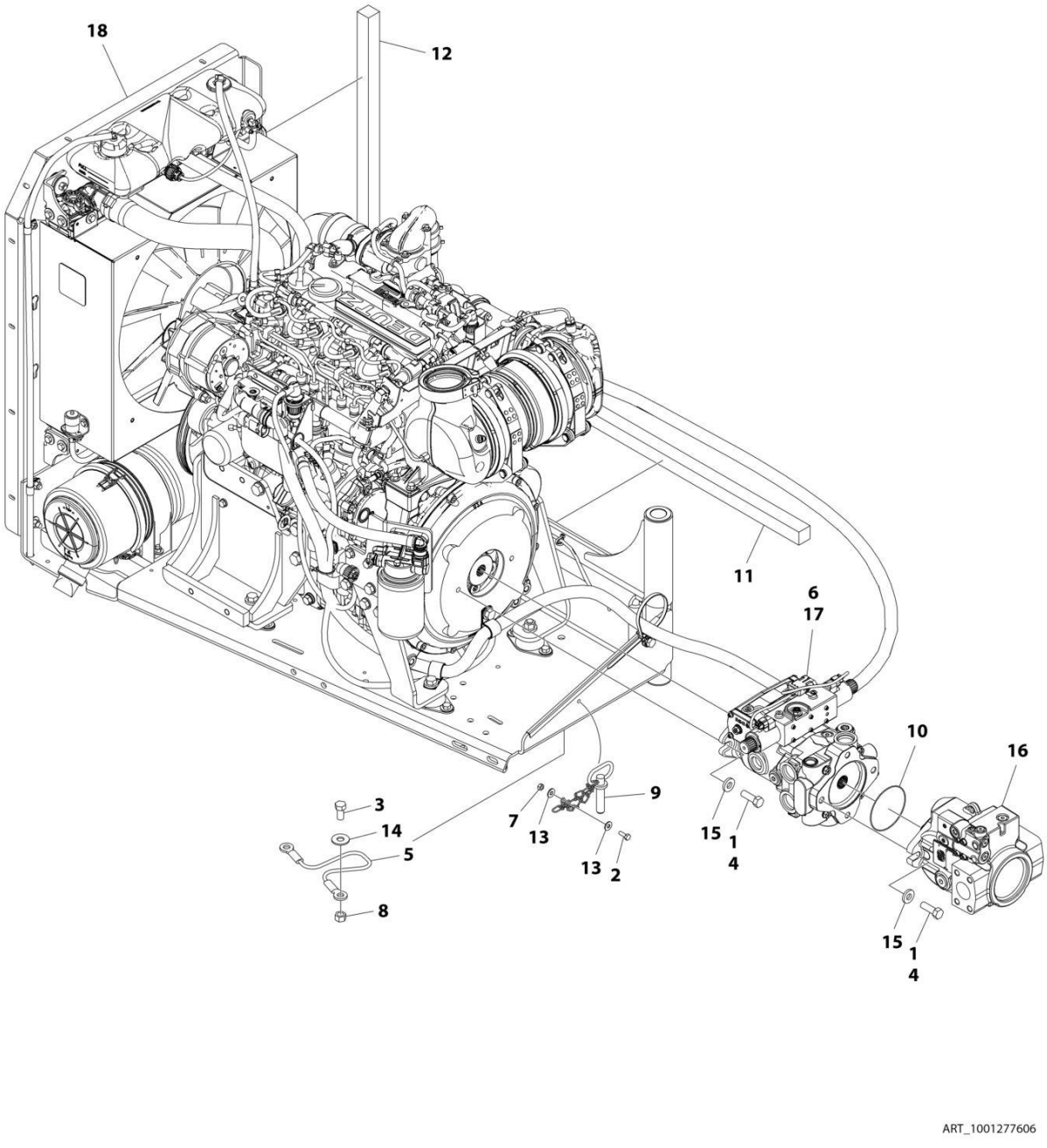


## FIGURE 3-14. DEUTZ TD2.9L4 (STAGE V) ENGINE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001242696 | Ref | DEUTZ TD2.9L4 (STAGE V) ENGINE INSTALLATION | K |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 2 | Screw 3/8 x 3/4 | |
| 6 | 0641608 | 2 | Screw 3/8 x 1 | |
| 7 | 0641610 | 1 | Screw 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0681608 | 3 | Screw 3/8 x 1 Grade 8 | |
| 12 | 0771212 | 1 | Bolt M12 x 25 Grade 10.9 | |
| 13 | 1320061 | 1 | Clamp | |
| 14 | 1701505 | 1 | Decal - Diesel Fuel (Not Shown Located on Fuel Tank or Hood) | |
| 15 | 2180832 | 1 | Fitting, Elbow Barbed | |
| 17 | 2220313 | 2 | Fitting, Elbow | |
| 18 | 2750532 | AR | Hose | |
| 19 | 3311405 | 3 | Nut 1/4 | |
| 20 | 3311805 | 1 | Nut 1/2 | |
| 21 | 3422446 | 1 | Pin, Pivot | |
| 22 | 3740067 | 1 | Relay | |
| 23 | 3841143 | 1 | Pin, Keeper | |
| 24 | 4711400 | 9 | Washer 1/4 | |
| 25 | 4711600 | 4 | Washer 3/8 | |
| 26 | 4751600 | 3 | Washer 3/8 | |
| 27 | 4751800 | 1 | Washer 1/2 | |
| 28 | 4752000 | 1 | Washer 5/8 | |
| 30 | 4812100 | 1 | Washer M12 | |
| 31 | 5251016 | 1 | Bolt M10 x 40 | |
| 32 | 0811606 | 1 | Bolt 3/8 x 3/4 | |
| 33 | 5261000 | 1 | Washer M10 | |
| 34 | 8405006 | 2 | Clamp | |
| 35 | 8406102 | 2 | Clip | |
| 37 | 8410013 | 5 | Clamp | |
| 38 | 1001110425 | 4 | Spacer | |
| 39 | 1001138491 | 1 | Fuel Pump Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 40 | 1001142501 | 1 | Fitting, Elbow Barbed | |
| 41 | 1001143736 | 1 | Battery Cable Kit | F |
| 41A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grd) | |
| 41B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 41C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 41D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 41E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 41F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 42 | 1001154405 | AR | Hose | |
| 43 | 1001155823 | 1 | Fitting, Quick Disconnect Elbow | |
| 44 | 1001162497 | 1 | Bracket, Battery | |
| 45 | 1001165035 | 27.5 ft/ 8.38m | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001191620 | 2 | Clamp | |
| 47 | 1001277606 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |
| 49 | 1001146588 | 1 | Strap | |
| 50 | 1001256879 | 1 | Bracket | |
| 51 | 4100063 | 1 | Sleeve, Hose Wrap | |
| 52 | 1062255 | AR | Tie-Strap (Not Shown) | |
| 53 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 54 | 1001289593 | 1 | ECU Power Jumper Harness (See Separate Breakdown in ELECTRICAL Section) | |

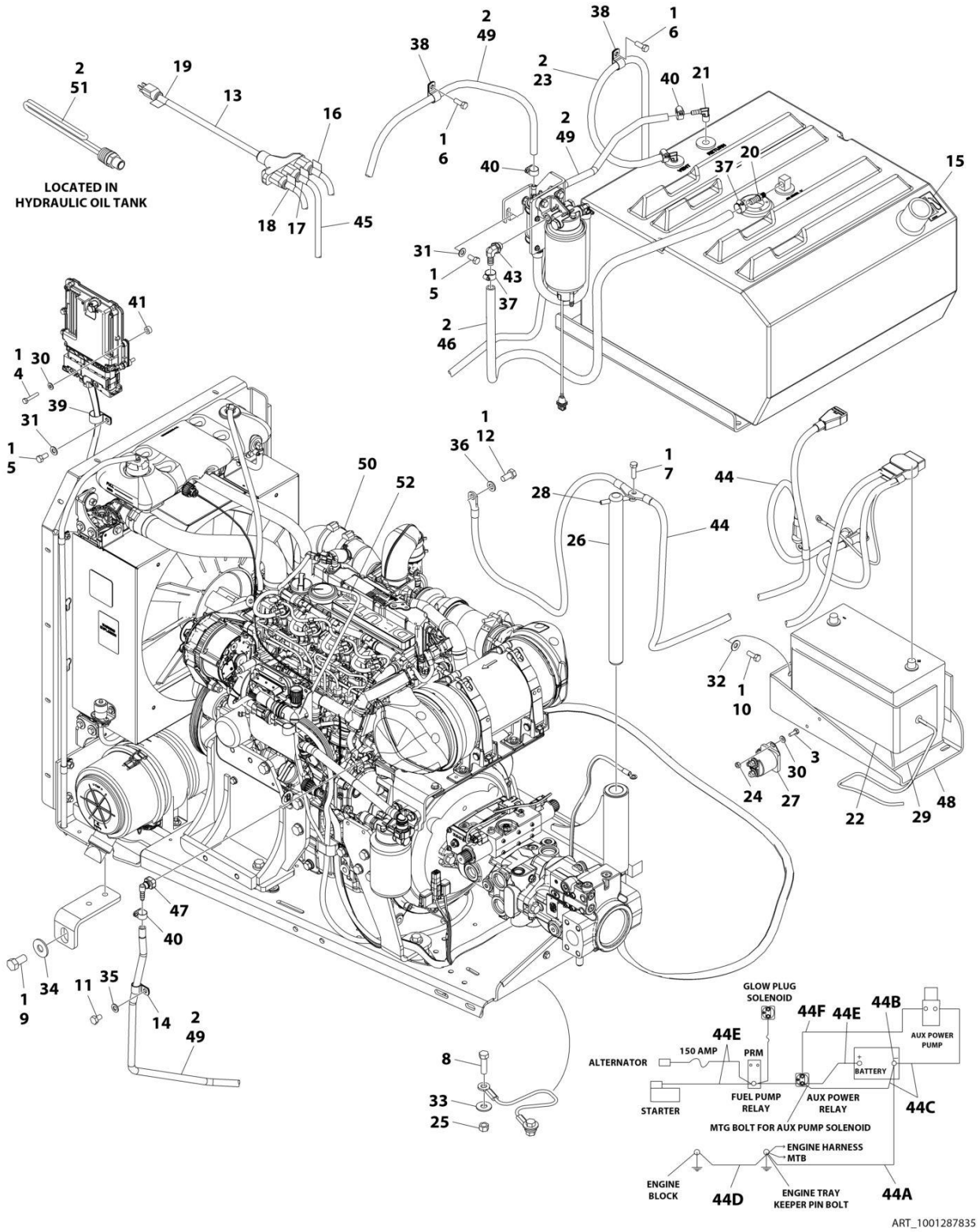
## FIGURE 3-15. DEUTZ TD2.9L4 (STAGE V) ENGINE AND PUMP SUB-ASSEMBLY



## FIGURE 3-15. DEUTZ TD2.9L4 (STAGE V) ENGINE AND PUMP SUB-ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001277606 | Ref | DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (STAGE V) | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 4 | Bolt 1/2 x 1-1/2 | |
| 5 | 1060637 | 1 | Lanyard | |
| 6 | 3020037 | AR | Lubricant | |
| 7 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin, Hitch | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001094595 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 17 | 1001225745 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 18 | 1001277598 | 1 | Engine Assembly - DEUTZ 2.9L4 (Stage V) Engines (See Separate Breakdown in this Section) | |

## FIGURE 3-16. DEUTZ TD2.9L4 ENGINE INSTALLATION - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)



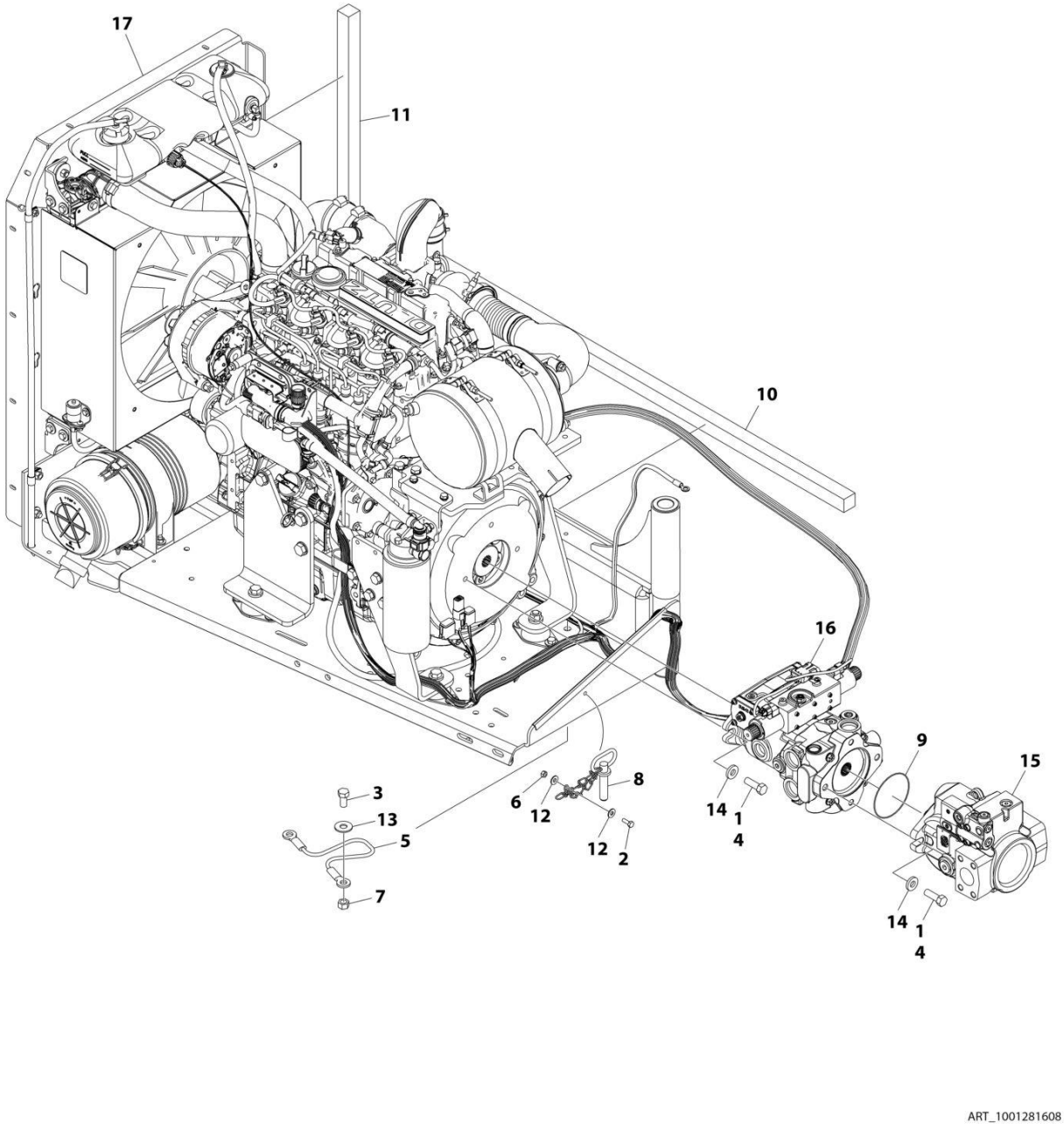
## FIGURE 3-16. DEUTZ TD2.9L4 ENGINE INSTALLATION - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001287835 | Ref | DEUTZ TD2.9L4 ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 3 | Screw 3/8 x 3/4 | |
| 6 | 0641608 | 2 | Screw 3/8 x 1 | |
| 7 | 0641610 | 1 | Screw 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0681608 | 3 | Screw 3/8 x 1 Grade 8 | |
| 11 | 0761008 | 1 | Bolt M10 x 16 | |
| 12 | 0771212 | 1 | Bolt M12 x 25 Grade 10.9 | |
| 13 | 1060626 | 1 | Cord, 3 Way Extension | |
| 14 | 1320061 | 1 | Clamp | |
| 15 | 1701505 | 1 | Decal - Diesel Fuel | |
| 16 | 1702941 | 1 | Decal - Battery Heater | |
| 17 | 1702942 | 1 | Decal - Engine Block Heater | |
| 18 | 1702943 | 1 | Decal - Hydraulic Tank Heater | |
| 19 | 1702944 | 1 | Decal - Heater Cord | |
| 20 | 2180832 | 1 | Fitting, Elbow Barbed | |
| 21 | 2220313 | 2 | Fitting, Elbow | |
| 22 | 2580024 | 1 | Heater, Battery | |
| 23 | 2750532 | AR | Hose | |
| 24 | 3311405 | 2 | Nut 1/4 | |
| 25 | 3311805 | 1 | Nut 1/2 | |
| 26 | 3422446 | 1 | Pin, Pivot | |
| 27 | 3740067 | 1 | Relay | |
| 28 | 3841143 | 1 | Pin, Keeper | |
| 29 | 3980007 | 1 | Seat, Battery | |
| 30 | 4711400 | 7 | Washer 1/4 | |
| 31 | 4711600 | 3 | Washer 3/8 | |
| 32 | 4751600 | 3 | Washer 3/8 | |
| 33 | 4751800 | 1 | Washer 1/2 | |
| 34 | 4752000 | 1 | Washer 5/8 | |
| 35 | 4812000 | 1 | Washer M10 | |
| 36 | 4812100 | 1 | Washer M12 | |
| 37 | 8405006 | 2 | Clamp | |
| 38 | 8406102 | 2 | Clip | |
| 39 | 8406201 | 1 | Clip | |
| 40 | 8410013 | 5 | Clamp | |
| 41 | 1001110425 | 4 | Spacer | |
| 42 | 1001138491 | 1 | Fuel Pump Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001142501 | 1 | Fitting, Elbow Barbed | |
| 44 | 1001143736 | 1 | Battery Cable Kit | |
| 44A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grd) | |
| 44B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 44C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 44D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 44E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 44F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 45 | 1001150918 | 1 | Cable, Immersion Heater | |
| 46 | 1001154405 | 5 ft/ 1.52m | Hose | |
| 47 | 1001155823 | 1 | Fitting, Quick Disconnect Elbow | |
| 48 | 1001162497 | 1 | Bracket, Battery | |
| 49 | 1001165035 | 27.5 ft/ 8.38m | Hose | |
| 50 | 1001185671 | 1 | Engine and Pump Assembly with Arctic Package (See Separate Breakdown in this Section) | |
| 51 | 1001188972 | 1 | Heater, Hydraulic Tank | |
| 52 | 1001233763 | 1 | Deutz Breather Heater Installation (with Arctic Package) (See Separate Breakdown in this Section) | |

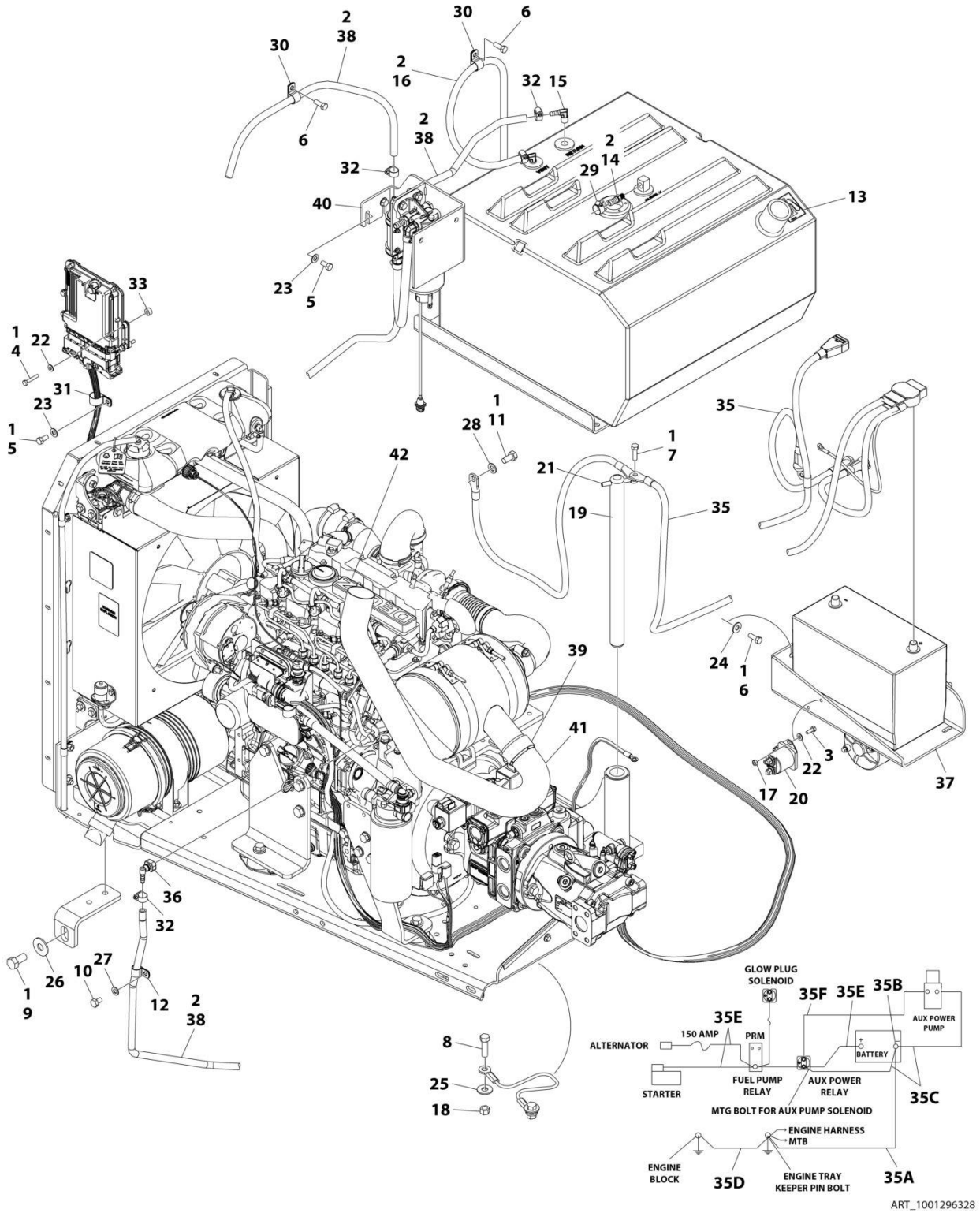
## FIGURE 3-17. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (CHINA IV ENGINES)



## FIGURE 3-17. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (CHINA IV ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281608 | Ref | DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 4 | Bolt 1/2 x 1-1/2 | |
| 5 | 1060637 | 1 | Lanyard | |
| 6 | 3311405 | 1 | Nut 1/4 | |
| 7 | 3311801 | 1 | Nut 1/2 | |
| 8 | 3422532 | 1 | Pin, Hitch | |
| 9 | 3790044 | 1 | O-Ring | |
| 10 | 3960468 | 1 | Seal | |
| 11 | 3960469 | 1 | Seal | |
| 12 | 4751400 | 2 | Washer 1/4 | |
| 13 | 4751800 | 1 | Washer 1/2 | |
| 14 | 4891800 | 4 | Washer 1/2 | |
| 15 | 1001094595 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 16 | 1001225745 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 17 | 1001281609 | 1 | Engine Assembly (See Separate Breakdown in this Section) | |

## FIGURE 3-18. DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA III)



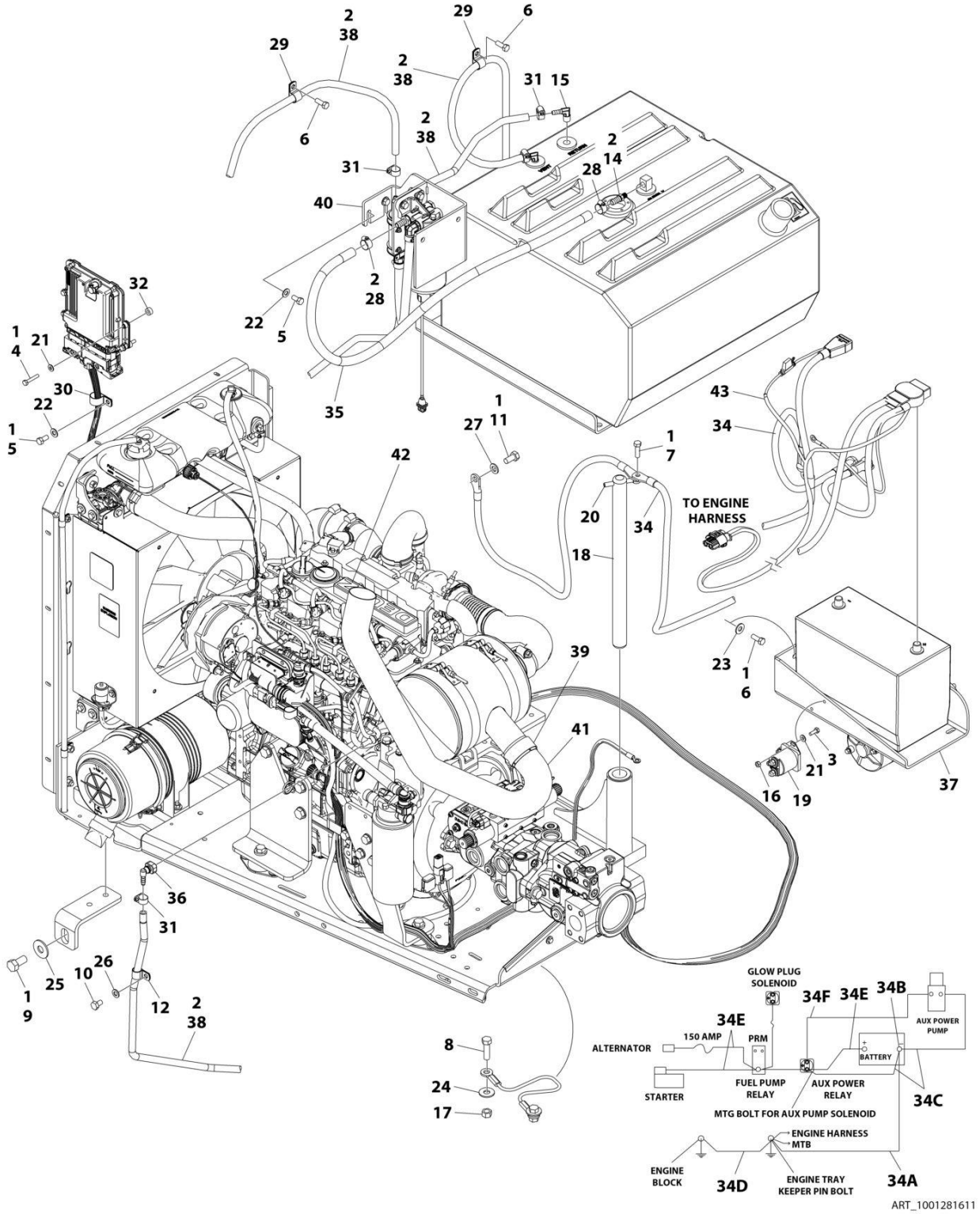
## FIGURE 3-18. DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA III)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296328 | Ref | DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA III) | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 3 | Bolt 3/8 x 3/4 | |
| 6 | 0641608 | 5 | Bolt 3/8 x 1 | |
| 7 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0761008 | 1 | Bolt M10 x 16 | |
| 11 | 0771212 | 1 | Bolt M12 x 25 | |
| 12 | 1320061 | 1 | Clamp | |
| 13 | 1701505 | 1 | Decal - Diesel Fuel (Located on Fuel Tank or Hood) | |
| 14 | 2180832 | 1 | Fitting, Straight Barbed | |
| 15 | 2220313 | 2 | Fitting, 90 NPTF/Barbed | |
| 16 | 2750532 | 3.5 ft/1 m | Hose | |
| 17 | 3311405 | 2 | Nut 1/4 | |
| 18 | 3311805 | 1 | Nut 1/2 | |
| 19 | 3422446 | 1 | Pin, Pivot | |
| 20 | 3740067 | 1 | Relay | |
| 21 | 3841143 | 1 | Pin, Keeper | |
| 22 | 4711400 | 7 | Washer 1/4 | |
| 23 | 4711600 | 3 | Washer 3/8 | |
| 24 | 4751600 | 3 | Washer 3/8 | |
| 25 | 4751800 | 1 | Washer 1/2 | |
| 26 | 4752000 | 1 | Washer 5/8 | |
| 27 | 4812000 | 1 | Washer M10 | |
| 28 | 4812100 | 1 | Washer M12 | |
| 29 | 8405006 | 1 | Clamp | |
| 30 | 8406102 | 2 | Clip | |
| 31 | 8406201 | 1 | Clip | |
| 32 | 8410013 | 5 | Clamp | |
| 33 | 1001110425 | 4 | Spacer | |
| 34 | 1001138491 | 1 | Fuel Pump Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 35 | 1001143736 | 1 | Battery Cable Kit | |
| 35A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grd) | |
| 35B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 35C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 35D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 35E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 35F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 36 | 1001155823 | 1 | Fitting, 90 Quick Disconnect | |
| 37 | 1001162497 | 1 | Bracket, Battery | |
| 38 | 1001165035 | 23.5 ft/7 m | Hose | |
| 39 | 1001221212 | 1 | Clamp | |
| 40 | 1001227224 | 1 | Bracket Assembly Less Filter/Pump (See Separate Breakdown in this Section) | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 41 | 1001247011 | 1 | Pipe, Exhaust | |
| 42 | 1001296327 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-19. DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA IV ENGINES)



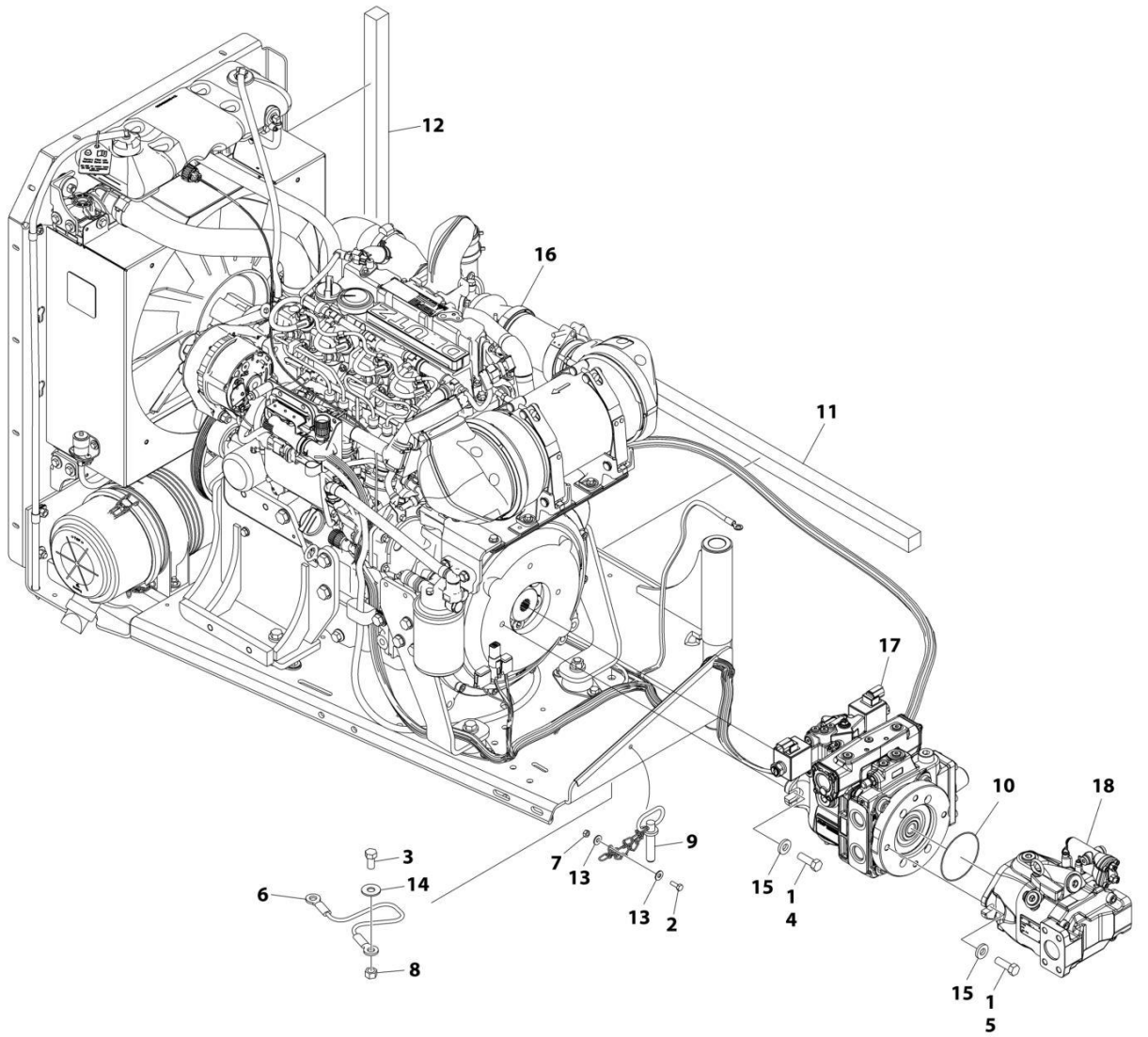
## FIGURE 3-19. DEUTZ TD2.9L4 ENGINE INSTALLATION (CHINA IV ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281611 | Ref | DEUTZ TD2.9L4 ENGINE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 3 | Screw 3/8 x 3/4 | |
| 6 | 0641608 | 5 | Screw 3/8 x 1 | |
| 7 | 0641610 | 1 | Screw 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0761008 | 1 | Bolt M10 x 16 | |
| 11 | 0771212 | 1 | Bolt M12 x 25 Grade 10.9 | |
| 12 | 1320061 | 1 | Clamp | |
| 13 | 1701505 | 1 | Decal - Diesel Fuel (Not Shown Located on Fuel Tank or Hood) | |
| 14 | 2180832 | 1 | Fitting, Elbow Barbed | |
| 15 | 2220313 | 2 | Fitting, Elbow | |
| 16 | 3311405 | 2 | Nut 1/4 | |
| 17 | 3311805 | 1 | Nut 1/2 | |
| 18 | 3422446 | 1 | Pin, Pivot | |
| 19 | 3740067 | 1 | Relay | |
| 20 | 3841143 | 1 | Pin, Keeper | |
| 21 | 4711400 | 7 | Washer 1/4 | |
| 22 | 4711600 | 3 | Washer 3/8 | |
| 23 | 4751600 | 3 | Washer 3/8 | |
| 24 | 4751800 | 1 | Washer 1/2 | |
| 25 | 4752000 | 1 | Washer 5/8 | |
| 26 | 4812000 | 1 | Washer M10 | |
| 27 | 4812100 | 1 | Washer M12 | |
| 28 | 8405006 | 2 | Clamp | |
| 29 | 8406102 | 2 | Clip | |
| 30 | 8406201 | 1 | Clip | |
| 31 | 8410013 | 5 | Clamp | |
| 32 | 1001110425 | 4 | Spacer | |
| 33 | 1001138491 | 1 | Fuel Pump Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 34 | 1001143736 | 1 | Battery Cable Kit | |
| 34A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grd) | |
| 34B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 34C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 34D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 34E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 34F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 35 | 1001154405 | 28.9 ft/ 8.82m | Hose | |
| 36 | 1001155823 | 1 | Fitting, Quick Disconnect Elbow | |
| 37 | 1001162497 | 1 | Bracket, Battery | |
| 38 | 1001165035 | 23.6 ft/ 7.18m | Hose | |
| 39 | 1001221212 | 1 | Clamp | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 40 | 1001227224 | 1 | Bracket Assembly Less Filter/Pump (See Separate Breakdown in this Section) | |
| 41 | 1001247011 | 1 | Pipe Exhaust | |
| 42 | 1001281608 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |
| 43 | 1001289593 | 1 | ECU Power Jumper Harness (See Separate Breakdown in ELECTRICAL Section) | |

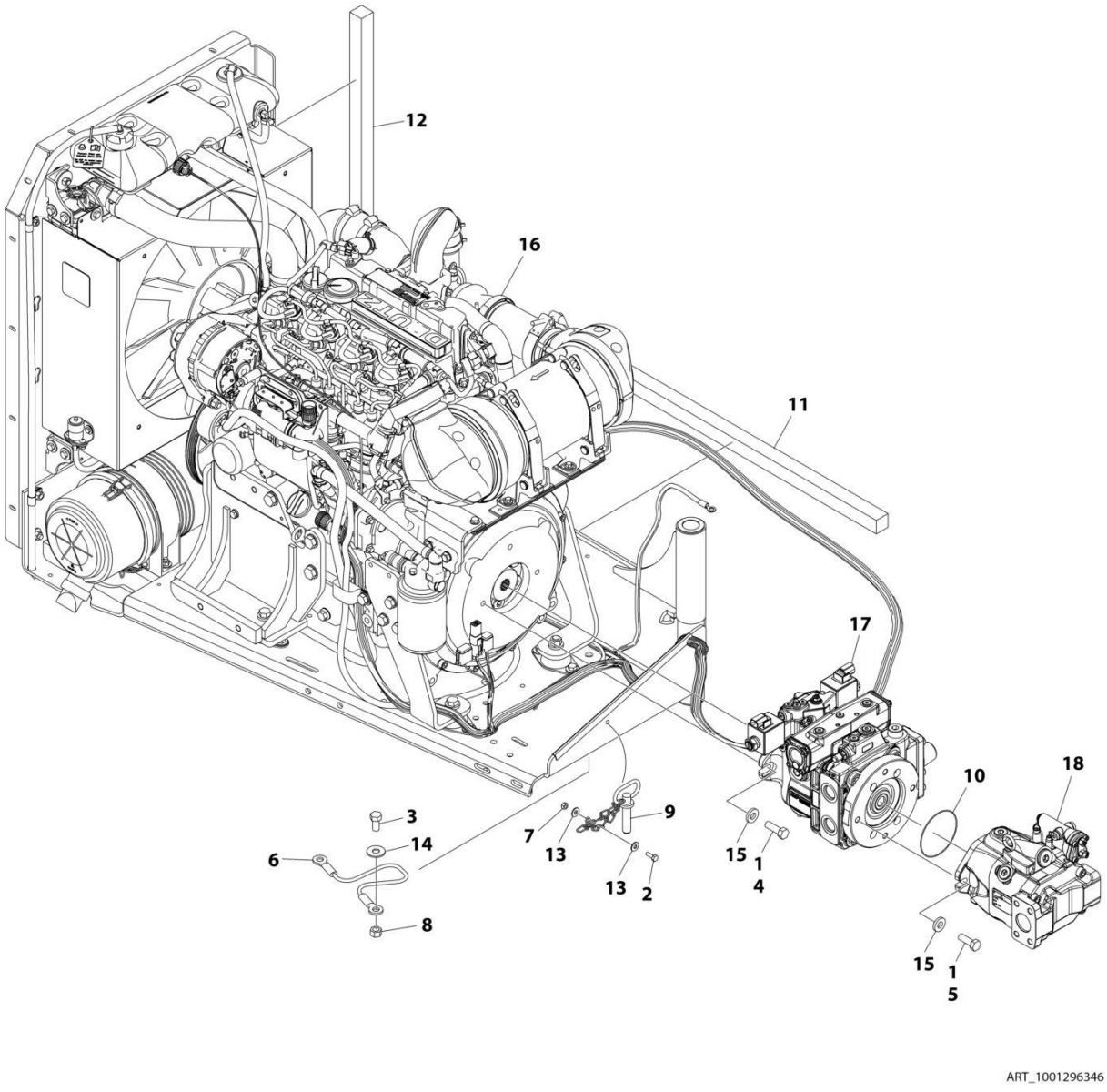
## FIGURE 3-20. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (WITHOUT ARCTIC PACKAGE)



## FIGURE 3-20. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296314 | Ref | DEUTZ TD2.9L4 ENGINE/PUMP SUB-ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 5 | 0711215 | 2 | Bolt M12 x 35 | |
| 6 | 1060637 | 1 | Lanyard | |
| 7 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001176027 | 1 | Engine Assembly Without Arctic Package (See Separate Breakdown in this Section) | |
| 17 | 1001276376 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 18 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |

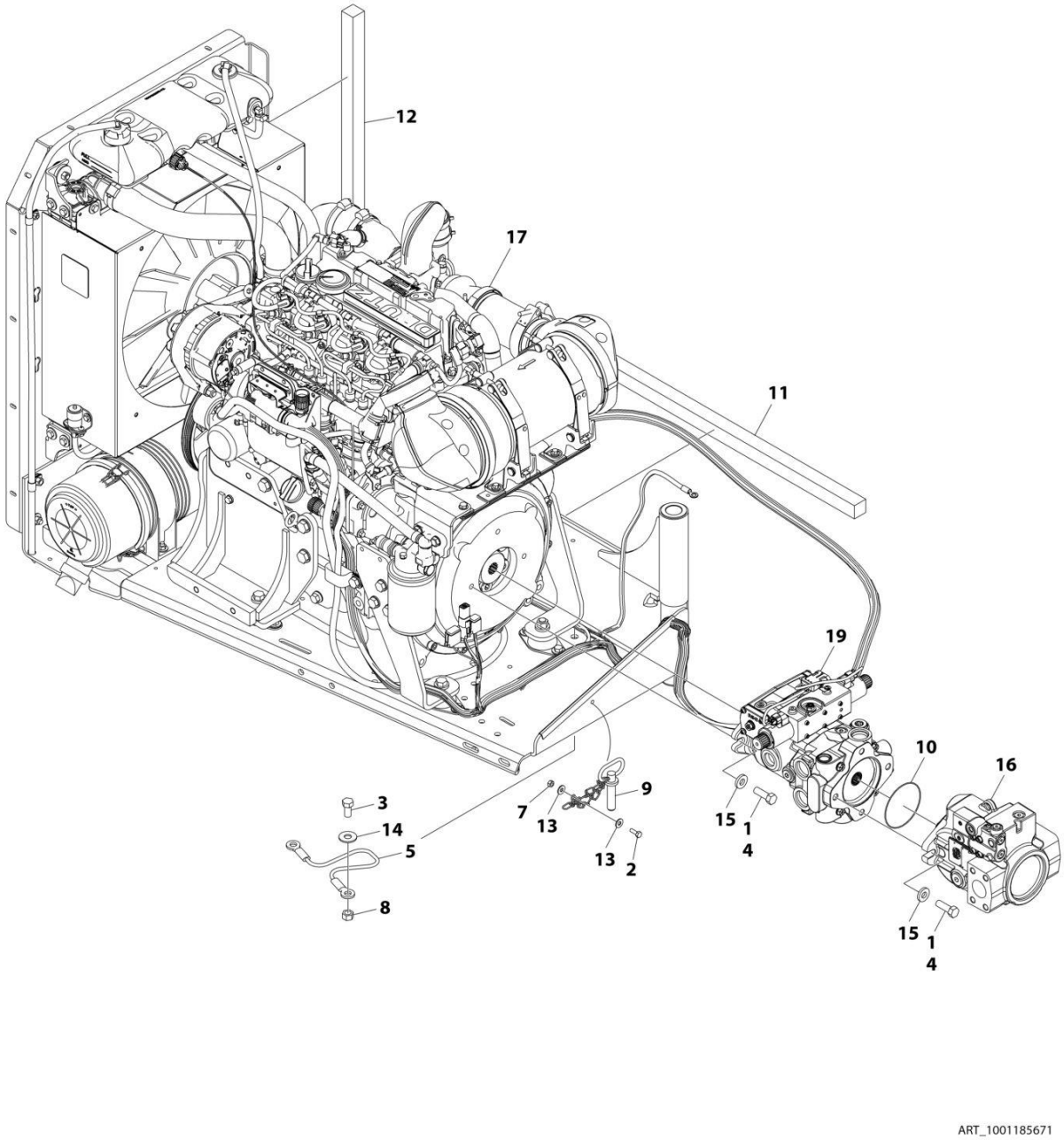
## FIGURE 3-21. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (WITH ARCTIC PACKAGE)



## FIGURE 3-21. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (WITH ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296346 | Ref | DEUTZ TD2.9L4 ENGINE/PUMP SUB-ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 5 | 0711215 | 2 | Bolt M12 x 35 | |
| 6 | 1060637 | 1 | Lanyard | |
| 7 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001176035 | 1 | Engine Assembly with Arctic Package (See Separate Breakdown in this Section) | |
| 17 | 1001276376 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 18 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |

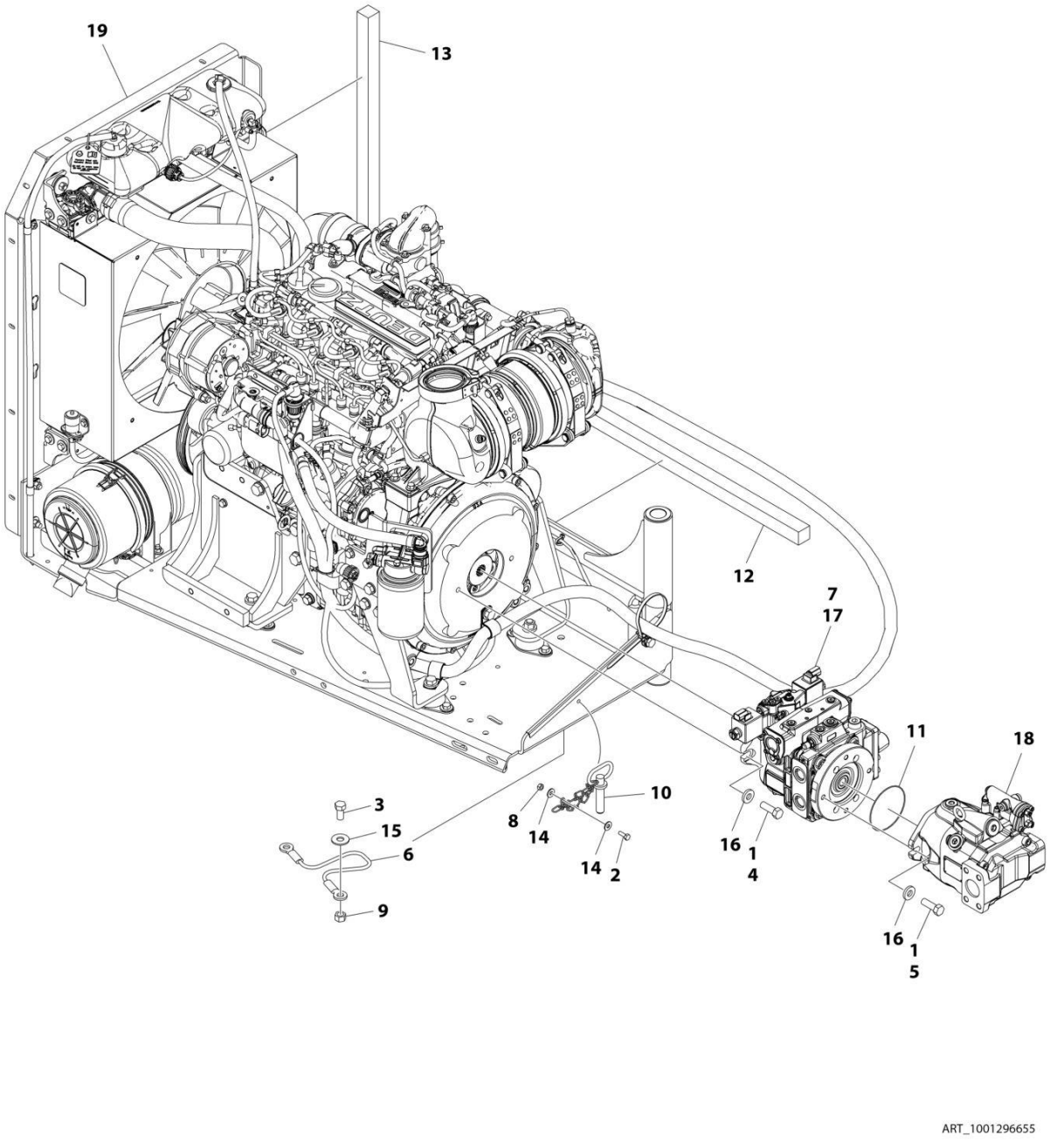
## FIGURE 3-22. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)



## FIGURE 3-22. DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY - (WITH ARCTIC PACKAGE) (WITH 47.8 GAL CAPACITY HYDRAULIC TANK)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001185671 | Ref | DEUTZ TD2.9L4 ENGINE AND PUMP SUB-ASSEMBLY (WITH ARCTIC PACKAGE) | H |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 4 | Bolt 1/2 x 1-1/2 | |
| 5 | 1060637 | 1 | Cable, Lanyard | |
| 7 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin, Hitch | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001094595 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 17 | 1001176035 | 1 | Engine Assembly With Arctic Package (See Separate Breakdown in this Section) | |
| 19 | 1001225745 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |

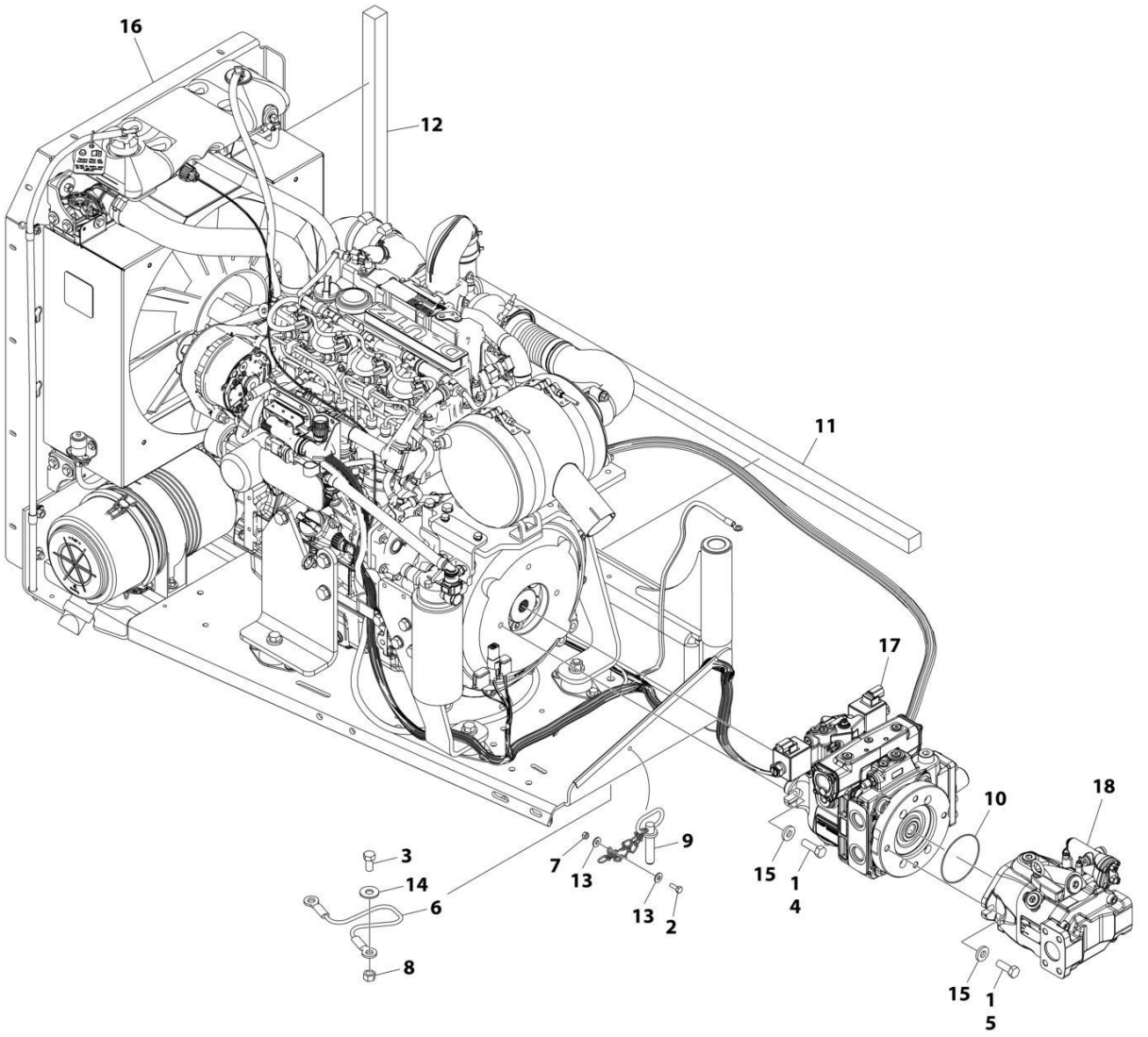
## FIGURE 3-23. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (STAGE V)



## FIGURE 3-23. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (STAGE V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296655 | Ref | DEUTZ D2011 ENGINE/PUMP SUB-ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 5 | 0711215 | 2 | Bolt M12 x 35 | |
| 6 | 1060637 | 1 | Lanyard | |
| 7 | 3020037 | AR | Lubricant | |
| 8 | 3311405 | 1 | Nut 1/4 | |
| 9 | 3311801 | 1 | Nut 1/2 | |
| 10 | 3422532 | 1 | Pin, Hitch | |
| 11 | 3790044 | 1 | O-Ring | |
| 12 | 3960468 | 1 | Seal | |
| 13 | 3960469 | 1 | Seal | |
| 14 | 4751400 | 2 | Washer 1/4 | |
| 15 | 4751800 | 1 | Washer 1/2 | |
| 16 | 4891800 | 4 | Washer 1/2 | |
| 17 | 1001276376 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 18 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 19 | 1001277598 | 1 | Engine Assembly - DEUTZ 2.9L4 (Stage V) Engines (See Separate Breakdown in this Section) | |

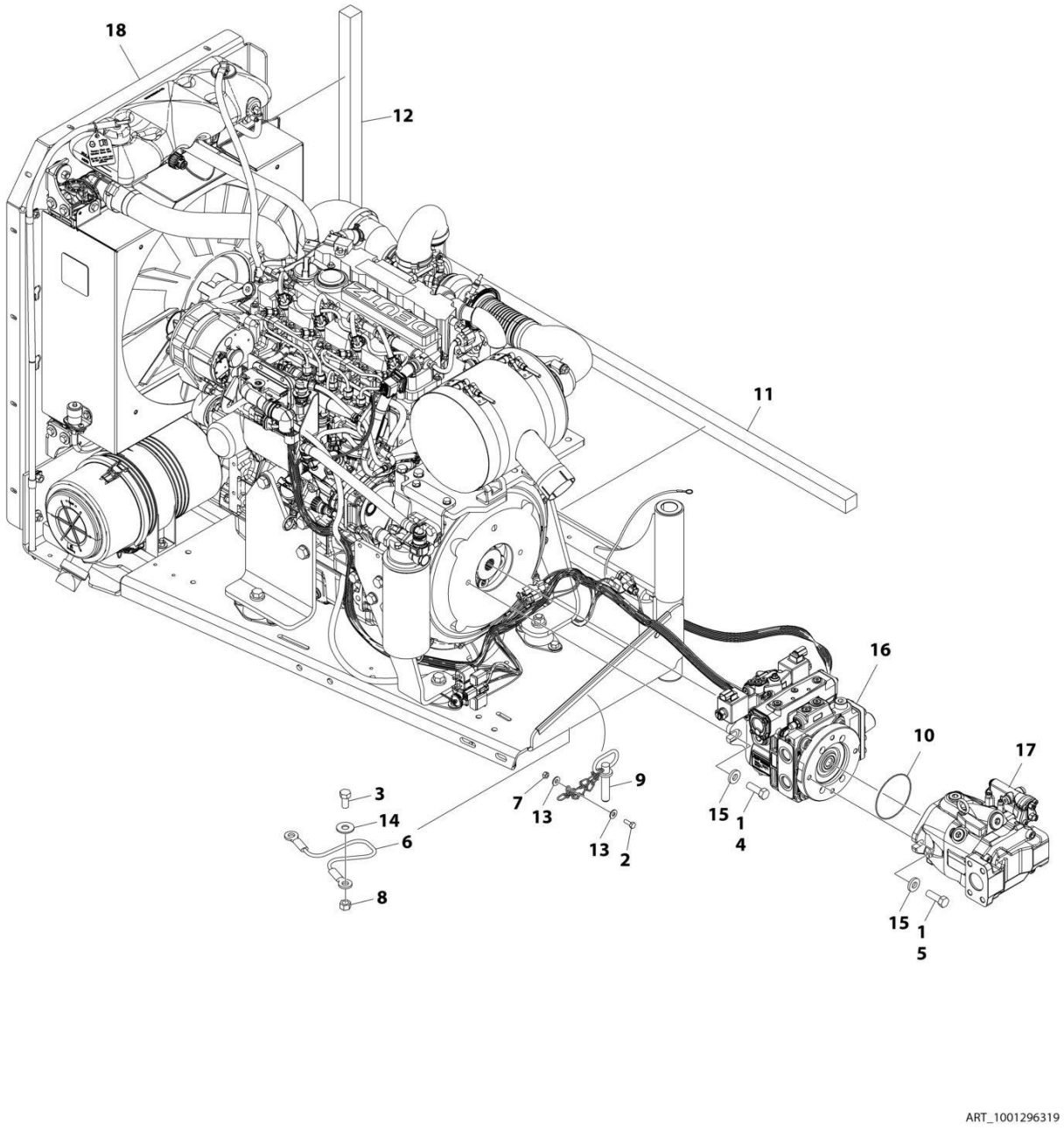
## FIGURE 3-24. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (CHINA III)



## FIGURE 3-24. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (CHINA III)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296327 | Ref | DEUTZ TD2.9L4 ENGINE/PUMP SUB-ASSEMBLY (CHINA III) | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 5 | 0711215 | 2 | Bolt M12 x 35 | |
| 6 | 1060637 | 1 | Lanyard | |
| 7 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001227614 | 1 | Engine Assembly (See Separate Breakdown in this Section) | |
| 17 | 1001276376 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 18 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown Engine Assembly | |

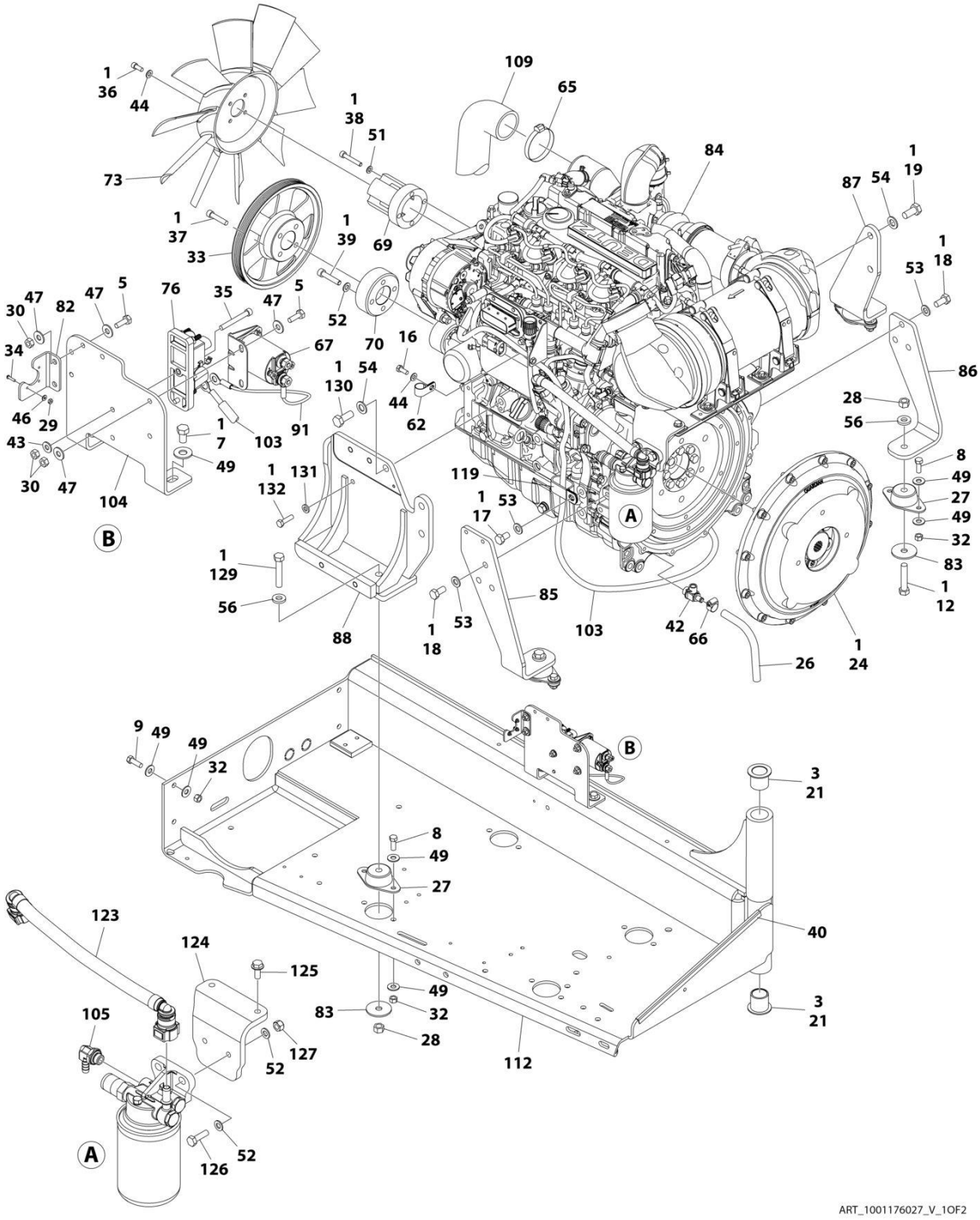
## FIGURE 3-25. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (CHINA IV)

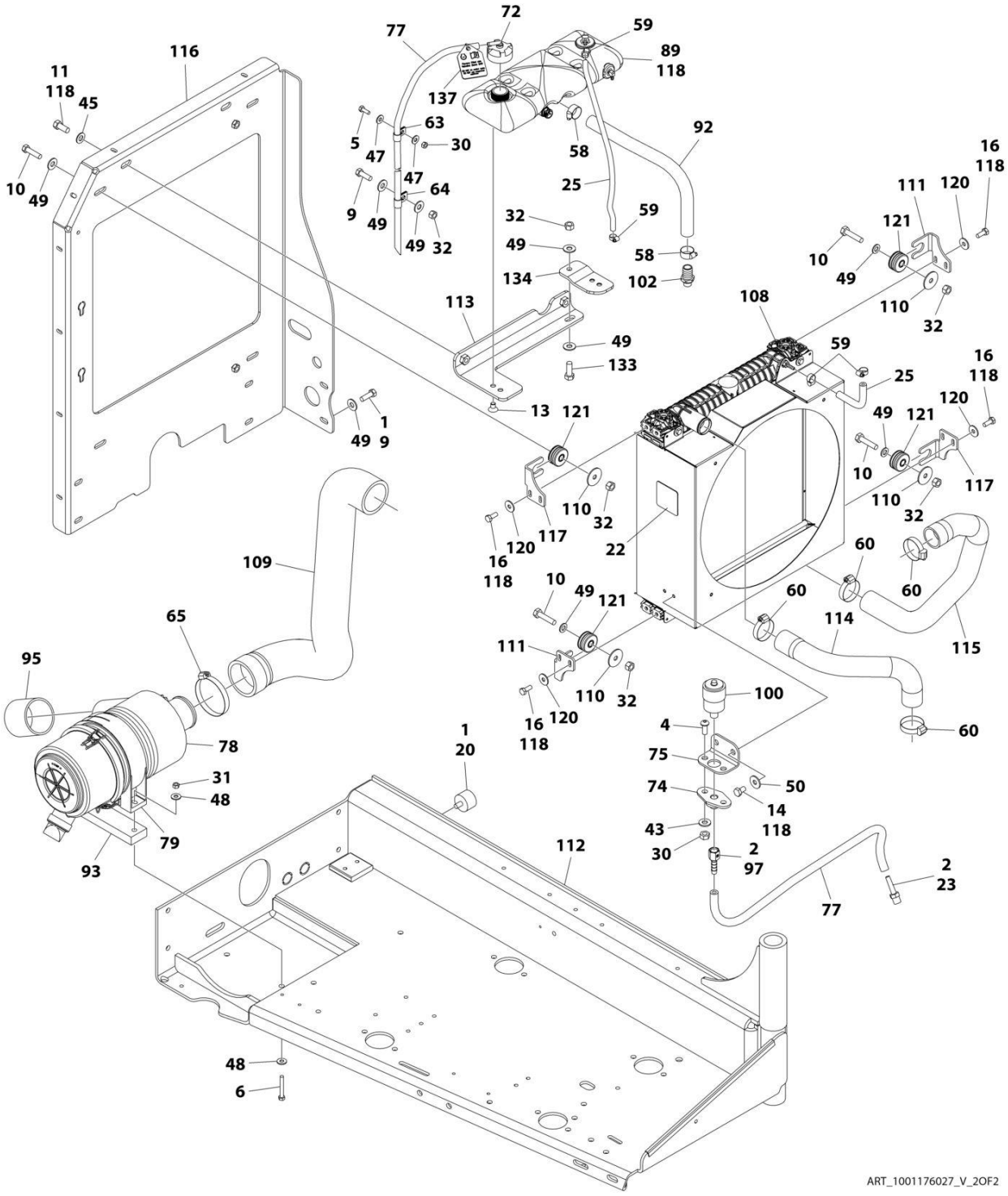


## FIGURE 3-25. DEUTZ TD2.9L4 ENGINE/PUMP SUB ASSEMBLY (CHINA IV)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296319 | Ref | DEUTZ TD2.9L4 ENGINE/PUMP SUB-ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 5 | 0711215 | 2 | Bolt M12 x 35 | |
| 6 | 1060637 | 1 | Lanyard | |
| 6 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin, Hitch | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001276376 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 17 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 18 | 1001281609 | 1 | Engine Assembly (See Separate Breakdown in this Section) | |

## FIGURE 3-26. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)




ART_1001176027_V_2OF2

## FIGURE 3-26. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)

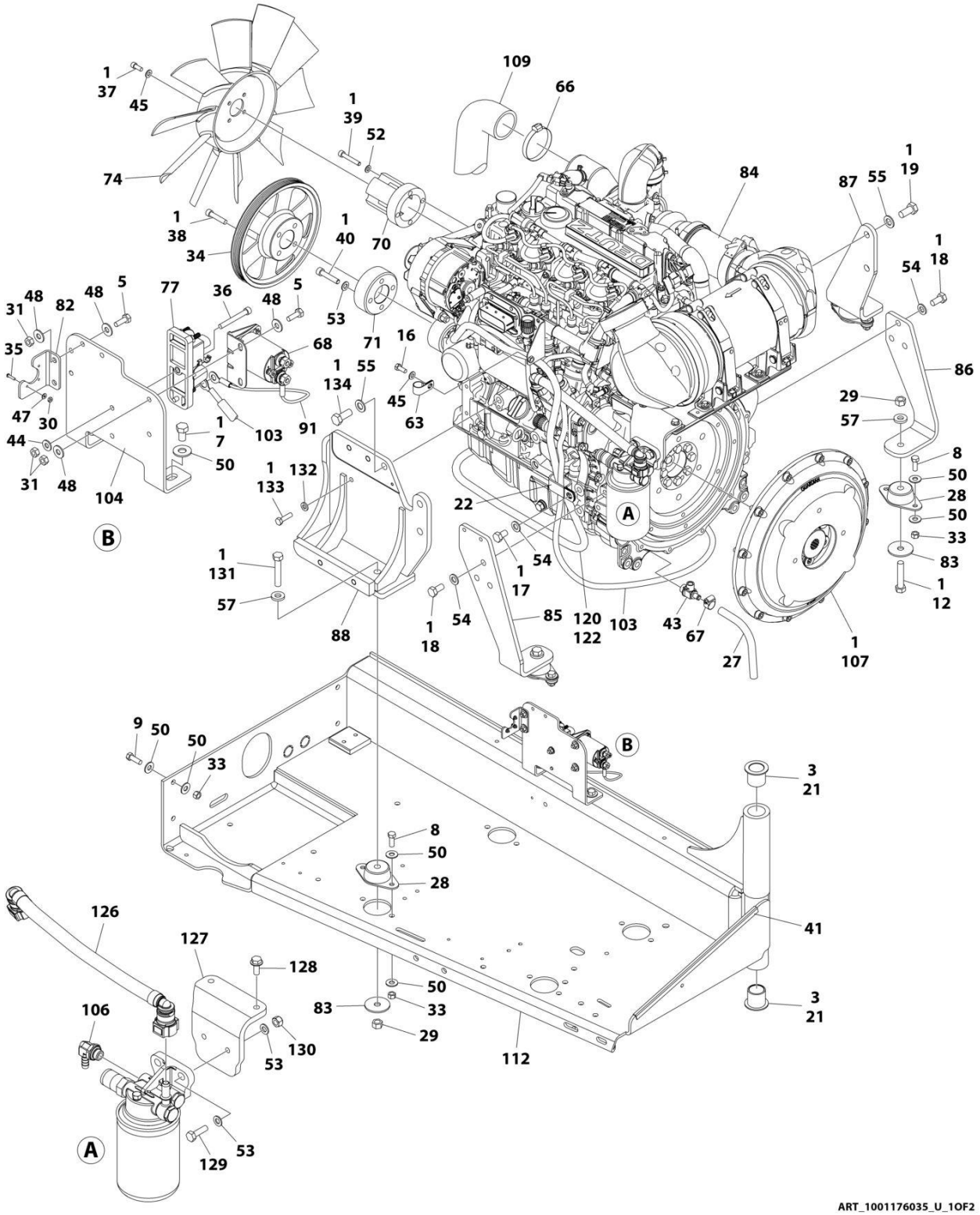
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176027 | Ref | ENGINE ASSEMBLY WITHOUT ARCTIC PACKAGE | V |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0100020 | AR | Sealant | |
| 3 | 0100062 | 2 | Compound, Locking | |
| 4 | 0630407 | 5 | Screw 1/4 x 5/8 | |
| 5 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641605 | 8 | Bolt 3/8 x 5/8 | |
| 8 | 0641608 | 6 | Bolt 3/8 x 1 | |
| 9 | 0641609 | 4 | Bolt 3/8 x 1-1/8 | |
| 10 | 0641612 | 2 | Bolt 3/8 x 1-1/2 | |
| 11 | 0641708 | 3 | Bolt 7/16 x 1 | |
| 12 | 0681820 | 2 | Bolt 1/2 x 2-1/2 | |
| 13 | 0741605 | 2 | Screw 3/8 x 5/8 | |
| 14 | 0760605 | AR | Bolt M6 x 10 | |
| 16 | 0760810 | 9 | Bolt M8 x 20 | |
| 17 | 0761210 | 1 | Bolt M12 x 20 | |
| 18 | 0771212 | 6 | Bolt M12 x 25 | |
| 19 | 0771414 | 2 | Bolt M14 x 30 | |
| 20 | 0940070 | 1 | Bumper | |
| 21 | 0961986 | 2 | Bushing, Flanged | |
| 22 | 1703162 | 1 | Decal - Caution Fan Blade | |
| 23 | 2220315 | 1 | Fitting, Straight Barbed | |
| 24 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this section) | |
| 25 | 2720015 | 3 ft /1 m | Hose | |
| 26 | 2720340 | 1 ft /0.3 m | Hose | |
| 27 | 3200401 | 4 | Mount, Motor | |
| 28 | 3271801 | 4 | Nut 1/2-13 | |
| 29 | 3310401 | 3 | Nut #4 | |
| 30 | 3311405 | 8 | Nut 1/4 | |
| 31 | 3311505 | 2 | Locknut 5/16 | |
| 32 | 3311605 | 17 | Nut 3/8 | |
| 33 | 3580320 | 1 | Pulley | |
| 34 | 3910408 | 3 | Screw #4 x 1/2 | |
| 35 | 3931432 | 1 | Capscrew 1/4 x 2 | |
| 36 | 3931512 | 4 | Capscrew 5/16 x 3/4 | |
| 37 | 3931628 | 4 | Capscrew 3/8 x 1-3/4 | |
| 38 | 4031914 | 4 | Capscrew M8 x 50 | |
| 39 | 4032014 | 4 | Capscrew M10 x 50 | |
| 40 | 4060805 | 2 ft /0.4 m | Flex-Trim | |
| 41 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 42 | 4640751 | 1 | Valve, Oil Drain | |
| 43 | 4711400 | 3 | Washer 1/4 | |
| 44 | 4711500 | 5 | Washer 5/16 | |
| 45 | 4711700 | 2 | Washer 7/16 | |
| 46 | 4750400 | 3 | Washer #4 | |
| 47 | 4751400 | 10 | Washer 1/4 | |
| 48 | 4751500 | 4 | Washer 5/16 | |
| 49 | 4751600 | 34 | Washer 3/8 | |
| 50 | 4811702 | 2 | Washer M6 | |

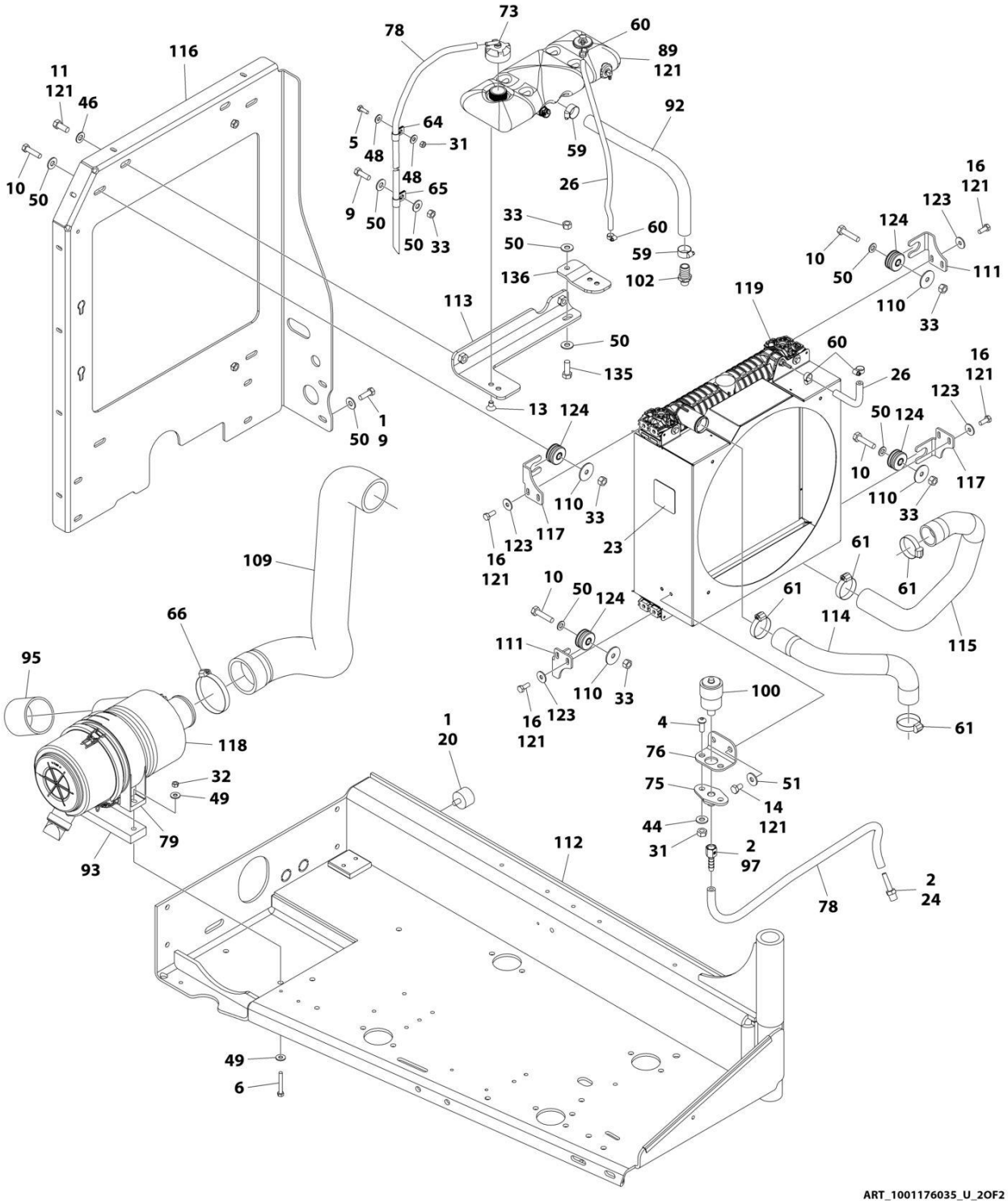
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 51 | 4811900 | 4 | Washer M8 | |
| 52 | 4812000 | 8 | Washer M10 | |
| 53 | 4812100 | 7 | Washer M12 | |
| 54 | 4812200 | 5 | Washer M14 | |
| 56 | 4891800 | 4 | Washer 1/2 | |
| 58 | 8405007 | 2 | Clamp | |
| 59 | 8405009 | 4 | Clamp | |
| 60 | 8405104 | 4 | Clamp | |
| 62 | 8406102 | 1 | Clip | |
| 63 | 8406109 | 1 | Clip | |
| 64 | 8406110 | 1 | Clip | |
| 65 | 8410011 | 2 | Clamp | |
| 66 | 8410013 | 1 | Clamp | |
| 67 | 1001117308 | 1 | Relay | |
| 69 | 1001135138 | 1 | Adapter | |
| 70 | 1001135679 | 1 | Adapter | |
| 72 | 1001136834 | 1 | Cap, Tank | |
| 73 | 1001137276 | 1 | Fan | |
| 74 | 1001138173 | 1 | Support | |
| 75 | 1001138175 | 1 | Bracket | |
| 76 | 1001138228 | 1 | Relay, Power Module | |
| 76 | 70023593 | 1 | Fuse 30Amp (Battery Output) | |
| 76 | 70023592 | 1 | Fuse 20Amp (Switch Output) | |
| 77 | 1001138248 | 6 ft /2 m | Tube | |
| 78 | 1001138489 | 1 | Air Cleaner Assembly | |
| 78 | 91403102 | 1 | Element, Filter | |
| 79 | 1001138557 | 1 | Clamp | |
| 82 | 1001139240 | 1 | Bracket | |
| 83 | 1001139409 | 4 | Washer, Special | |
| 84 | 1001249942 | 1 | Engine, Deutz TD2.9L4 T4F (See Separate Breakdown in this Section) | |
| 85 | 1001140448 | 1 | Mount, Rear Engine | |
| 86 | 1001140450 | 1 | Mount, Rear Engine | |
| 87 | 1001140454 | 1 | Mount, Front Engine | |
| 88 | 1001202368 | 1 | Mount, Generator/Engine | |
| 89 | 1001230635 | 1 | Tank | |
| 89 | 0100020 | AR | Sealant, Pipe | |
| 89 | 1001134488 | 1 | Fitting, 90 NPT/ Barbed | |
| 89 | 1001138827 | 1 | Sensor, Coolant Level | |
| 89 | 1001140564 | 1 | Fitting, 90 NPT/ Barbed | |
| 89 | 1001229542 | 1 | Tank, Surge | |
| 91 | 1001141304 | 1 | Harness, Glow Plug | |
| 92 | 1001141370 | 1 | Hose | |
| 93 | 1001267256 | 1 | Shim | |
| 95 | 1001141585 | 1 | Hose, Inlet | |
| 97 | 1001141995 | 1 | Fitting, Straight NPT/Barbed | |
| 100 | 1001143390 | 1 | Indicator, Service | |
| 101 | 1001143726 | 1 | Harness, Deutz Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 102 | 1001143797 | 1 | Fitting, Straight Metric/Barbed | |
| 103 | 1001143907 | 1 | Cable, Alternator Power | |
| 104 | 1001145154 | 1 | Plate, Relay Mounting | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 105 | 1001152489 | 1 | Fitting, 90 Metric/ Barbed | |
| 108 | 1001167042 | 1 | Radiator | |
| 109 | 1001266525 | 1 | Hose | |
| 110 | 1001169138 | 4 | Washer | |
| 111 | 1001204325 | 2 | Bracket, Radiator | |
| 112 | 1001190610 | 1 | Tray | |
| 113 | 1001260413 | 1 | Bracket, Tank | |
| 114 | 1001177844 | 1 | Hose, Radiator - Upper | |
| 115 | 1001177845 | 1 | Hose, Radiator - Lower | |
| 116 | 1001186985 | 1 | Plate, Mounting (Modine Radiator) | |
| 117 | 1001178223 | 2 | Bracket, Radiator | |
| 118 | 1001180620 | 1 | Adhesive | |
| 119 | 1001181899 | 1 | P-Clamp | |
| 120 | 4811902 | 8 | Washer M8 | |
| 121 | 1001169054 | 4 | Pad, Isolator | |
| 123 | 1001177359 | 1 | Hose | |
| 124 | 1001178876 | 1 | Mount, Fuel Filter | |
| 125 | 5250810 | 2 | Bolt M8 x 20 | |
| 126 | 0761015 | 2 | Bolt M10 x 35 | |
| 127 | 3291005 | 2 | Nut M10 | |
| 129 | 0681822 | 1 | Bolt 1/2 x 2-3/4 Grade 8 | |
| 130 | 0771415 | 3 | Bolt M14 x 35 Grade 10.9 | |
| 131 | 5240800 | 1 | Washer M8 | |
| 132 | 0700814 | 1 | Bolt M8 x 30 | |
| 133 | 0681608 | 1 | Bolt 3/8 x 1 Grade 8 | |
| 134 | 1001260412 | 1 | Bracket | |
| 135 | 1001162335 | 1 | Bracket, Fuel Pump/Filter Assy (Not Shown - See Separate Breakdown in this Section) | |
| 136 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 137 | 1001291401 | 1 | Tag, Coolant | |

## FIGURE 3-27. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)




ART_1001176035_U_2OF2

## FIGURE 3-27. DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE)

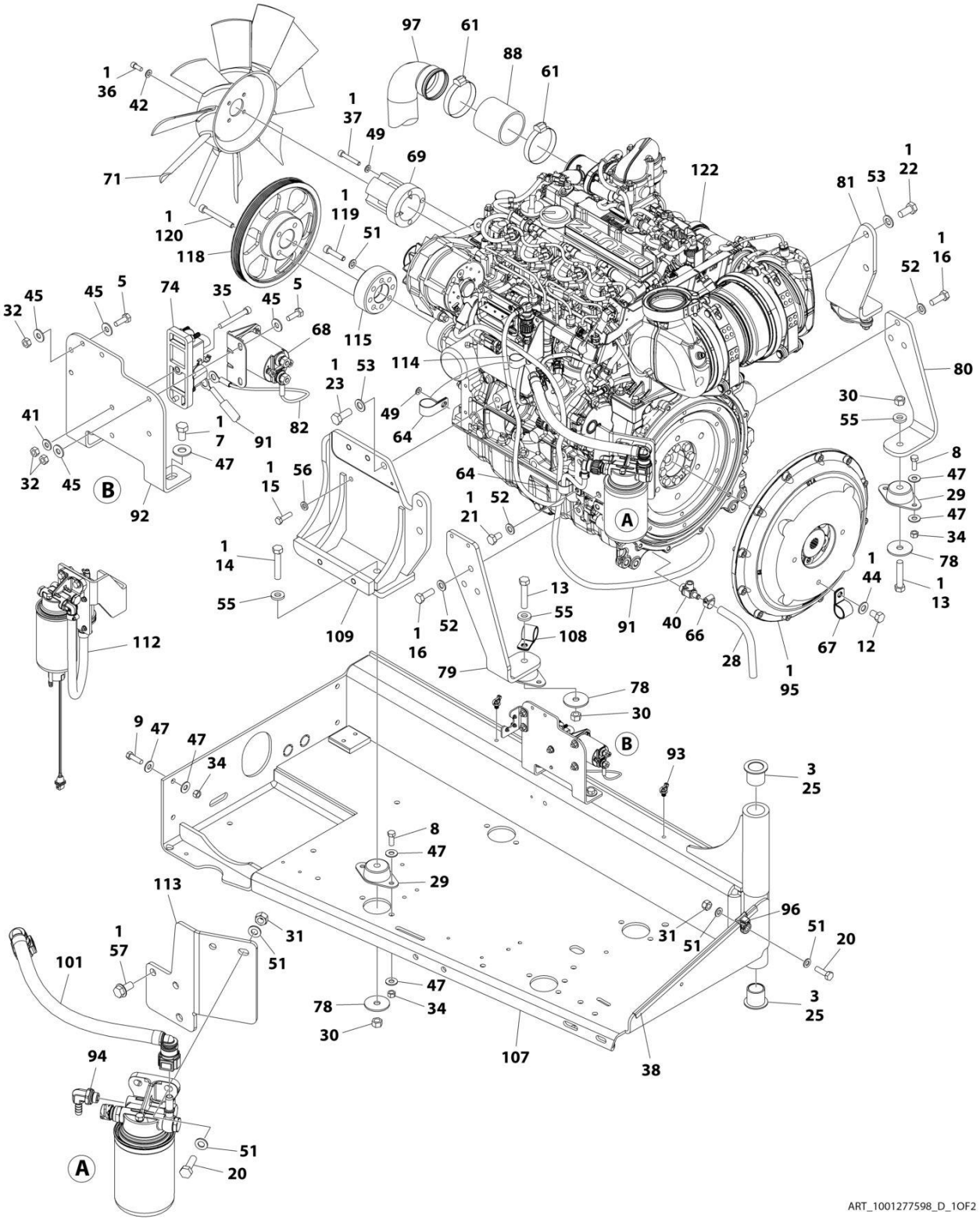
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176035 | Ref | DEUTZ TD2.9L4 ENGINE ASSEMBLY (WITH ARCTIC PACKAGE) | U |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0100020 | AR | Sealant | |
| 3 | 0100062 | 2 | Compound, Locking | |
| 4 | 0630407 | 5 | Screw 1/4 x 5/8 | |
| 5 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641605 | 8 | Bolt 3/8 x 5/8 | |
| 8 | 0641608 | 6 | Bolt 3/8 x 1 | |
| 9 | 0641609 | 4 | Bolt 3/8 x 1-1/8 | |
| 10 | 0641612 | 2 | Bolt 3/8 x 1-1/2 | |
| 11 | 0641708 | 3 | Bolt 7/16 x 1 | |
| 12 | 0681820 | 2 | Bolt 1/2 x 2-1/2 Grade 8 | |
| 13 | 0741605 | 2 | Screw 3/8 x 5/8 | |
| 14 | 0760605 | 2 | Bolt M6 x 10 | |
| 16 | 0760810 | 9 | Bolt M8 x 20 | |
| 17 | 0761210 | 1 | Bolt M12 x 20 | |
| 18 | 0771212 | 6 | Bolt M12 x 25 Grade 10.9 | |
| 19 | 0771414 | 2 | Bolt M14 x 30 Grade 10.9 | |
| 20 | 0940070 | 1 | Bumper | |
| 21 | 0961986 | 2 | Bushing, Flanged | |
| 22 | 1001181899 | 1 | P-Clamp | |
| 23 | 1703162 | 1 | Decal - Caution Fan Blade | |
| 24 | 2220315 | 1 | Fitting, Straight Barbed | |
| 26 | 2720015 | 40 in/1m | Hose | |
| 27 | 2720340 | 12 in /30.5cm | Hose | |
| 28 | 3200401 | 4 | Mount, Motor | |
| 29 | 3271801 | 4 | Nut 1/2 | |
| 30 | 3310401 | 3 | Nut #4 | |
| 31 | 3311405 | 8 | Nut 1/4 | |
| 32 | 3311505 | 2 | Nut 5/16 | |
| 33 | 3311605 | 17 | Nut 3/8 | |
| 34 | 3580320 | 1 | Pulley | |
| 35 | 3910408 | 3 | Screw #4 x 1/2 | |
| 36 | 3931432 | 1 | Capscrew 1/4 x 2 | |
| 37 | 3931512 | 4 | Capscrew 5/16 x 3/4 | |
| 38 | 3931628 | 4 | Capscrew 3/8 x 1-3/4 | |
| 39 | 4031914 | 4 | Capscrew M8 x 50 | |
| 40 | 4032014 | 4 | Capscrew M10 x 50 | |
| 41 | 4060805 | 15 in /38cm | Flex-Trim | |
| 42 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 43 | 4640751 | 1 | Valve, Oil Drain | |
| 44 | 4711400 | 3 | Washer 1/4 | |
| 45 | 4711500 | 5 | Washer 5/16 | |
| 46 | 4711700 | 2 | Washer 7/16 | |
| 47 | 4750400 | 3 | Washer #4 | |
| 48 | 4751400 | 10 | Washer 1/4 | |
| 49 | 4751500 | 4 | Washer 5/16 | |

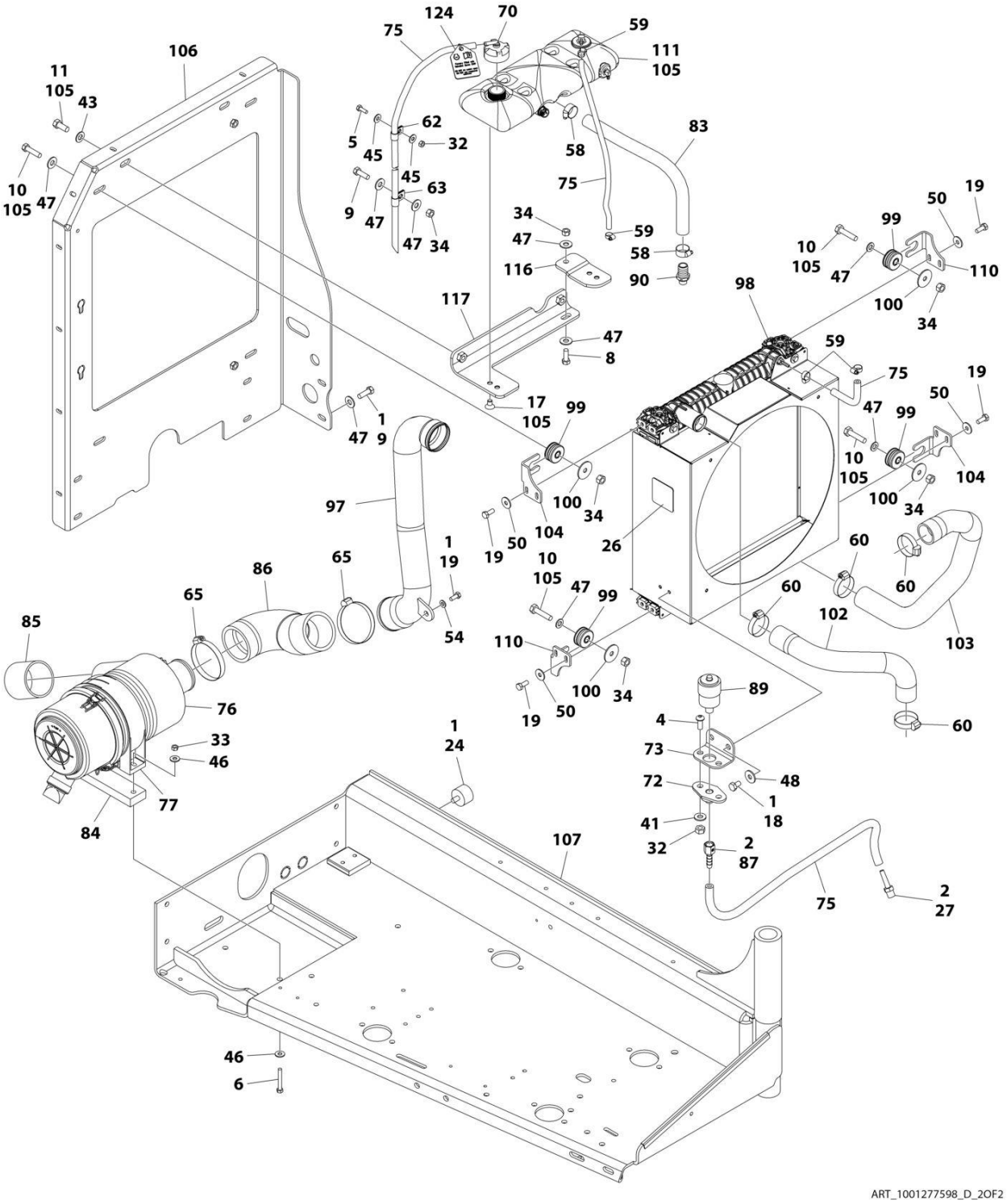
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4751600 | 34 | Washer 3/8 | |
| 51 | 4811702 | 2 | Washer M6 | |
| 52 | 4811900 | 4 | Washer M8 | |
| 53 | 4812000 | 8 | Washer M10 | |
| 54 | 4812100 | 7 | Washer M12 | |
| 55 | 4812200 | 5 | Washer M14 | |
| 57 | 4891800 | 4 | Washer 1/2 | |
| 59 | 8405007 | 2 | Clamp | |
| 60 | 8405009 | 4 | Clamp | |
| 61 | 8405104 | 4 | Clamp | |
| 63 | 8406102 | 1 | Clip | |
| 64 | 8406109 | 1 | Clip | |
| 65 | 8406110 | 1 | Clip | |
| 66 | 8410011 | 2 | Clamp | |
| 67 | 8410013 | 1 | Clamp | |
| 68 | 1001117308 | 1 | Relay | |
| 70 | 1001135138 | 1 | Adapter | |
| 71 | 1001135679 | 1 | Adapter | |
| 73 | 1001136834 | 1 | Cap, Tank | |
| 74 | 1001137276 | 1 | Fan | |
| 75 | 1001138173 | 1 | Support | |
| 76 | 1001138175 | 1 | Bracket | |
| 77 | 1001138228 | 1 | Relay, Power Module | |
| 77 | 70023592 | 1 | Fuse 20Amp (Switch Output) | |
| 77 | 70023593 | 1 | Fuse 30Amp (Battery Output) | |
| 78 | 1001138248 | 62 in/1.6m | Tube | |
| 79 | 1001138557 | 1 | Clamp | |
| 82 | 1001139240 | 1 | Bracket | |
| 83 | 1001139409 | 4 | Washer, Special | |
| 84 | 1001249942 | 1 | Engine, Deutz TD2.9L4 T4F (See Separate Breakdown in this Section) | |
| 85 | 1001140448 | 1 | Mount, Rear Engine | |
| 86 | 1001140450 | 1 | Mount, Rear Engine | |
| 87 | 1001140454 | 1 | Mount, Front Engine | |
| 88 | 1001202368 | 1 | Mount, Generator/Engine | |
| 89 | 1001230635 | 1 | Tank | |
| 89 | 0100020 | 1 | Sealant | |
| 89 | 1001134488 | 1 | Fitting, 90 NPT/ Barbed | |
| 89 | 1001138827 | 1 | Sensor, Coolant Level | |
| 89 | 1001140564 | 1 | Fitting, 90 NPT/ Barbed | |
| 89 | 1001229542 | 1 | Tank, Surge | |
| 91 | 1001141304 | 1 | Harness, Glow Plug | |
| 92 | 1001141370 | 1 | Hose | |
| 93 | 1001267256 | 1 | Shim | |
| 95 | 1001141585 | 1 | Hose, Inlet | |
| 97 | 1001141995 | 1 | Fitting, Straight NPT/Barbed | |
| 100 | 1001143390 | 1 | Indicator, Service | |
| 101 | 1001143726 | 1 | Harness, Deutz Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 102 | 1001143797 | 1 | Fitting, Straight Metric/Barbed | |
| 103 | 1001143907 | 1 | Cable, Alternator Power | |
| 104 | 1001145154 | 1 | Plate, Relay Mounting | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 106 | 1001152489 | 1 | Fitting, 90 Metric/ Barbed | |
| 107 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this Section) | |
| 109 | 1001266525 | 1 | Pipe | |
| 110 | 1001169138 | 4 | Washer | |
| 111 | 1001204325 | 2 | Bracket, Radiator | |
| 112 | 1001190610 | 1 | Tray | |
| 113 | 1001260413 | 1 | Bracket, Tank | |
| 114 | 1001177844 | 1 | Hose, Radiator - Upper | |
| 115 | 1001177845 | 1 | Hose, Radiator - Lower | |
| 116 | 1001186985 | 1 | Plate, Mounting | |
| 117 | 1001178223 | 2 | Bracket, Radiator | |
| 118 | 1001138489 | 1 | Air Cleaner Assembly | |
| 118 | 91403102 | 1 | Element, Filter | |
| 119 | 1001167042 | 1 | Radiator | |
| 120 | 1001140312 | 1 | Heater, Engine Block | |
| 121 | 1001180620 | 1 | Adhesive | |
| 122 | 1001181895 | 1 | Adhesive | |
| 123 | 4811902 | 8 | Washer M8 | |
| 124 | 1001169054 | 4 | Pad, Isolator | |
| 126 | 1001177359 | 1 | Hose | |
| 127 | 1001178876 | 1 | Mount, Fuel Filter | |
| 128 | 5250810 | 2 | Bolt M8 x 20 | |
| 129 | 0761015 | 2 | Bolt M10 x 35 | |
| 130 | 3291005 | 2 | Nut M10 | |
| 131 | 0681822 | 1 | Bolt 1/2 x 2-3/4 Grade 8 | |
| 132 | 5240800 | 1 | Washer M8 | |
| 133 | 0700814 | 1 | Bolt M8 x 30 | |
| 134 | 0771415 | 3 | Bolt M14 x 35 Grade 10.9 | |
| 135 | 0681608 | 1 | Bolt 3/8 x 1 Grade 8 | |
| 136 | 1001260412 | 1 | Bracket | |
| 137 | 1001162335 | 1 | Bracket, Fuel Pump/Filter Assy (Not Shown - See Separate Breakdown in this Section) | |

## FIGURE 3-28. DEUTZ TD2.9L4 ENGINE ASSEMBLY (STAGE V)




ART_1001277598_D_2OF2

## FIGURE 3-28. DEUTZ TD2.9L4 ENGINE ASSEMBLY (STAGE V)

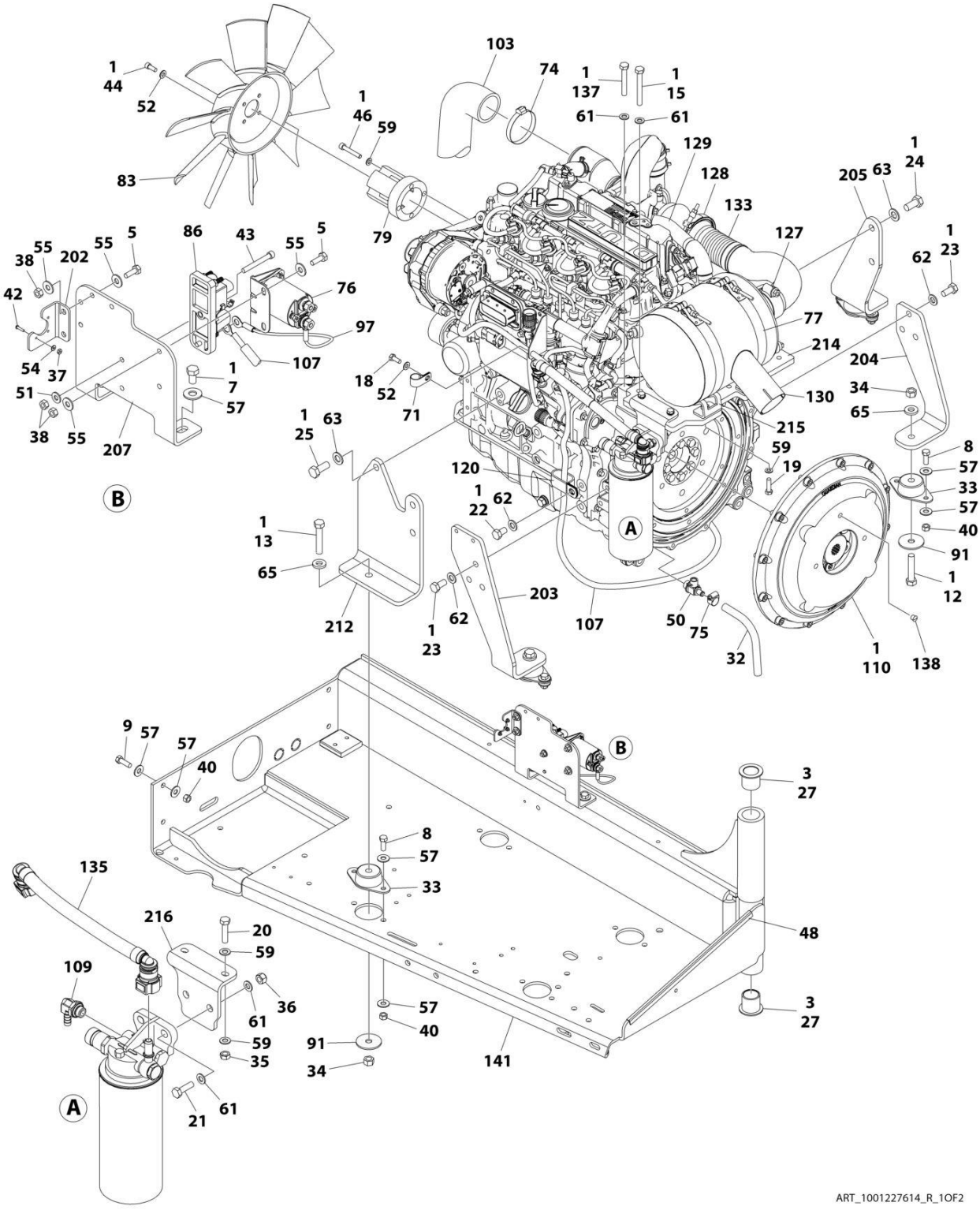
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001277598 | Ref | DEUTZ TD2.9L4 ENGINE ASSEMBLY (STAGE V) | D |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0100020 | AR | Sealant | |
| 3 | 0100062 | AR | Compound, Locking | |
| 4 | 0630407 | 2 | Screw 1/4 x 5/8 | |
| 5 | 0641406 | 3 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641605 | 2 | Bolt 3/8 x 5/8 | |
| 8 | 0641608 | 9 | Bolt 3/8 x 1 | |
| 9 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 10 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 11 | 0641708 | 2 | Bolt 7/16 x 1 | |
| 12 | 0641806 | 1 | Bolt 1/2 x 3/4 | |
| 13 | 0681820 | 3 | Bolt 1/2 x 2-1/2 Grade 8 | |
| 14 | 0681822 | 1 | Bolt 1/2 x 2-3/4 Grade 8 | |
| 15 | 0700814 | 1 | Bolt M8 x 30 | |
| 16 | 0711215 | 6 | Bolt M12 x 35 | |
| 17 | 0741605 | 2 | Screw 3/8 x 5/8 | |
| 18 | 0760605 | 2 | Bolt M6 x 10 | |
| 19 | 0760810 | 9 | Bolt M8 x 20 | |
| 20 | 0761015 | 3 | Bolt M10 x 35 | |
| 21 | 0761210 | 1 | Bolt M12 x 20 | |
| 22 | 0771414 | 2 | Bolt M14 x 30 Grade 10.9 | |
| 23 | 0771415 | 3 | Bolt M14 x 35 Grade 10.9 | |
| 24 | 0940070 | 1 | Bumper | |
| 25 | 0961986 | 2 | Bushing, Flanged | |
| 26 | 1703162 | 1 | Decal - Caution Fan Blade | |
| 27 | 2220315 | 1 | Fitting, Straight Barbed | |
| 28 | 2720340 | 1 ft /0.3 m | Hose | |
| 29 | 3200401 | 4 | Mount, Motor | |
| 30 | 3271801 | 4 | Nut 1/2 Grade 8 | |
| 31 | 3291005 | 3 | Nut M10 | |
| 32 | 3311405 | 6 | Nut 1/4 | |
| 33 | 3311505 | 2 | Nut 5/16 | |
| 34 | 3311605 | 17 | Nut 3/8 | |
| 35 | 3931432 | 1 | Capscrew 1/4 x 2 | |
| 36 | 3931512 | 4 | Capscrew 5/16 x 3/4 | |
| 37 | 4031914 | 4 | Capscrew M8 x 50 | |
| 38 | 4060805 | 2 ft /0.4 m | Flex-Trim | |
| 39 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 40 | 4640751 | 1 | Valve, Oil Drain | |
| 41 | 4711400 | 3 | Washer 1/4 | |
| 42 | 4711500 | 4 | Washer 5/16 | |
| 43 | 4711700 | 2 | Washer 7/16 | |
| 44 | 4711800 | 1 | Washer 1/2 | |
| 45 | 4751400 | 6 | Washer 1/4 | |
| 46 | 4751500 | 4 | Washer 5/16 | |
| 47 | 4751600 | 34 | Washer 3/8 | |
| 48 | 4811702 | 2 | Washer M6 | |
| 49 | 4811900 | 5 | Washer M8 | |

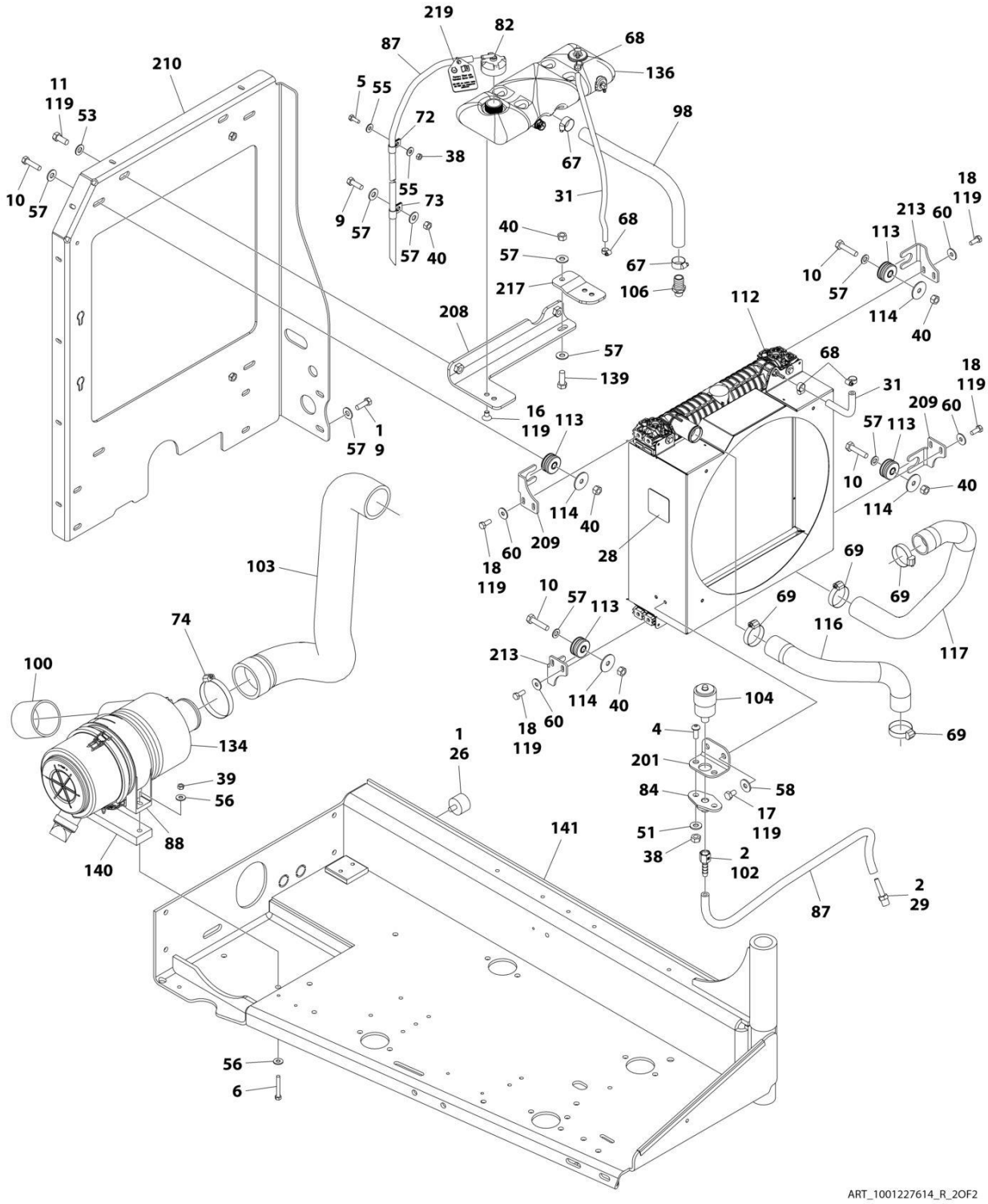
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4811902 | 8 | Washer M8 | |
| 51 | 4812000 | 10 | Washer M10 | |
| 52 | 4812100 | 7 | Washer M12 | |
| 53 | 4812200 | 5 | Washer M14 | |
| 54 | 4891500 | 1 | Washer 5/16 | |
| 55 | 4891800 | 4 | Washer 1/2 | |
| 56 | 5240800 | 1 | Washer M8 | |
| 57 | 5251010 | 2 | Bolt M10 x 20 | |
| 58 | 8405007 | 2 | Clamp | |
| 59 | 8405009 | 4 | Clamp | |
| 60 | 8405104 | 4 | Clamp | |
| 61 | 8405204 | 2 | Clamp | |
| 62 | 8406109 | 1 | Clip | |
| 63 | 8406110 | 1 | Clip | |
| 64 | 8406201 | 2 | Clip | |
| 65 | 8410011 | 2 | Clamp | |
| 66 | 8410013 | 1 | Clamp | |
| 67 | 85031405 | 1 | Clamp | |
| 68 | 1001117308 | 1 | Relay | |
| 69 | 1001135138 | 1 | Adapter | |
| 70 | 1001136834 | 1 | Cap, Tank | |
| 71 | 1001137276 | 1 | Fan | |
| 72 | 1001138173 | 1 | Support | |
| 73 | 1001138175 | 1 | Bracket | |
| 74 | 1001138228 | 1 | Relay, Power Module | |
| 75 | 1001138248 | 8 ft /3 m | Tube | |
| 76 | 1001138489 | 1 | Air Cleaner Assembly | |
| 77 | 1001138557 | 1 | Clamp | |
| 78 | 1001139409 | 4 | Washer, Special | |
| 79 | 1001140448 | 1 | Mount, Rear Engine | |
| 80 | 1001140450 | 1 | Mount, Rear Engine | |
| 81 | 1001140454 | 1 | Mount, Front Engine | |
| 82 | 1001141304 | 1 | Harness, Glow Plug | |
| 83 | 1001141370 | 1 | Hose | |
| 84 | 1001141419 | 1 | Shim | |
| 85 | 1001141585 | 1 | Hose, Inlet | |
| 86 | 1001141586 | 1 | Pipe, Intake | |
| 87 | 1001141995 | 1 | Fitting, Straight NPT/Barbed | |
| 88 | 1001142623 | 1 | Hose, Inlet | |
| 89 | 1001143390 | 1 | Indicator, Service | |
| 90 | 1001143797 | 1 | Fitting, Straight Metric/Barbed | |
| 91 | 1001143907 | 1 | Cable, Alternator Power | |
| 92 | 1001145154 | 1 | Plate, Relay Mounting | |
| 93 | 1001146588 | 3 | Strap | |
| 94 | 1001152489 | 1 | Fitting, 90 Metric/ Barbed | |
| 95 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this section) | |
| 96 | 1001156107 | 1 | Holder, Cable | |
| 97 | 1001165842 | 1 | Pipe | |
| 98 | 1001167042 | 1 | Radiator (Modine Radiator) | |
| 99 | 1001169054 | 4 | Pad, Isolator | |
| 100 | 1001169138 | 4 | Washer | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 1001177359 | 1 | Hose | |
| 102 | 1001177844 | 1 | Hose, Radiator - Upper | |
| 103 | 1001177845 | 1 | Hose, Radiator - Lower | |
| 104 | 1001178223 | 2 | Bracket, Radiator | |
| 105 | 1001180620 | AR | Adhesive | |
| 106 | 1001186985 | 1 | Plate, Mounting | |
| 107 | 1001190610 | 1 | Tray | |
| 108 | 1001191620 | 1 | Clamp | |
| 109 | 1001202368 | 1 | Mount, Generator/Engine | |
| 110 | 1001204325 | 2 | Bracket, Radiator | |
| 111 | 1001230635 | 1 | Tank | |
| 112 | 1001235949 | 1 | Bracket, Fuel Pump/Filter Assy (See Separate Breakdown in this Section) | |
| 113 | 1001238268 | 1 | Mount, Fuel Filter | |
| 114 | 1001245913 | 1 | Harness, Deutz TD2.9L4 (Stage V) Engine Fuel Filter (See Separate Breakdown in ELECTRICAL Section) | |
| 115 | 1001258800 | 1 | Adapter | |
| 116 | 1001260412 | 1 | Bracket, Surge Tank | |
| 117 | 1001260413 | 1 | Bracket, Tank | |
| 118 | 1001281192 | 1 | Pulley | |
| 119 | 1001261045 | 4 | Capscrew M10 x 45 | |
| 120 | 1001261085 | 4 | Capscrew M10 x 85 | |
| 121 | 1001276644 | 1 | Harness Deutz (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 122 | 1001277592 | 1 | Engine Deutz (See Separate Breakdown in this section) | |
| 123 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 124 | 1001291401 | 1 | Tag, Coolant | |

## FIGURE 3-29. DEUTZ TD2.9L4 ENGINE ASSEMBLY (CHINA III ENGINES)




ART_1001227614_R_2OF2

## FIGURE 3-29. DEUTZ TD2.9L4 ENGINE ASSEMBLY (CHINA III ENGINES)

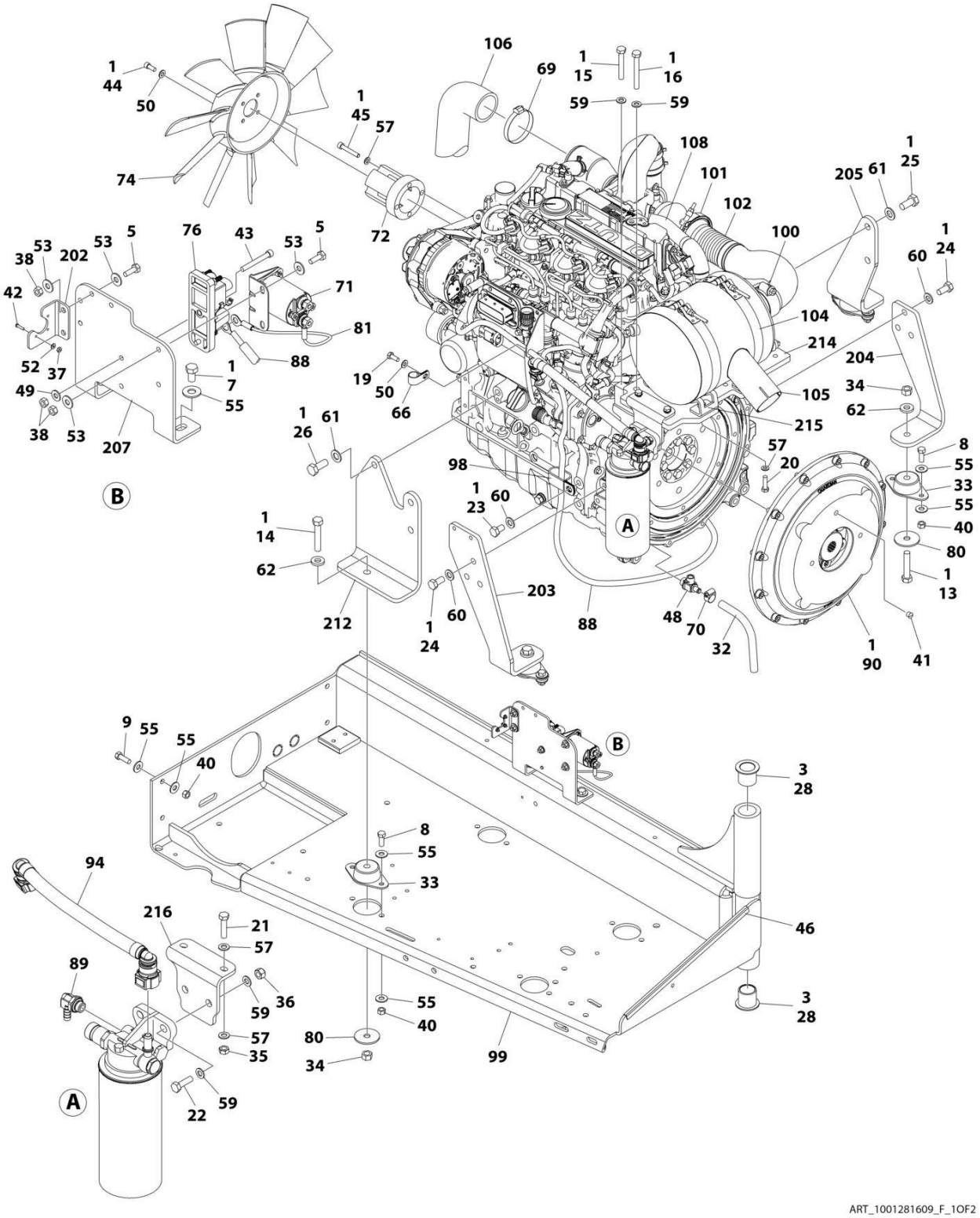
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001227614 | Ref | DEUTZ TD2.9L4 ENGINE ASSEMBLY | R |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant | |
| 3 | 0100062 | AR | Compound, Locking | |
| 4 | 0630407 | 2 | Screw 1/4 x 5/8 | |
| 5 | 0641406 | 5 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641605 | 2 | Bolt 3/8 x 5/8 | |
| 8 | 0641608 | 8 | Bolt 3/8 x 1 | |
| 9 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 10 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 11 | 0641708 | 2 | Bolt 7/16 x 1 | |
| 12 | 0681820 | 3 | Bolt 1/2 x 2-1/2 Grade 8 | |
| 13 | 0681822 | 1 | Bolt 1/2 x 2-3/4 Grade 8 | |
| 15 | 0701025 | 2 | Bolt M10 x 85 | |
| 16 | 0741605 | 2 | Screw 3/8 x 5/8 | |
| 17 | 0760605 | 2 | Bolt M6 x 10 | |
| 18 | 0760810 | 10 | Bolt M8 x 20 | |
| 19 | 0760814 | 4 | Bolt M8 x 30 | |
| 20 | 0760815 | 2 | Bolt M8 x 35 | |
| 21 | 0761015 | 2 | Bolt M10 x 35 | |
| 22 | 0761210 | 1 | Bolt M12 x 20 | |
| 23 | 0771212 | 6 | Bolt M12 x 25 Grade 10.9 | |
| 24 | 0771414 | 2 | Bolt M14 x 30 Grade 10.9 | |
| 25 | 0771415 | 3 | Bolt M14 x 35 | |
| 26 | 0940070 | 1 | Bumper | |
| 27 | 0961986 | 2 | Bushing, Flanged | |
| 28 | 1703162 | 1 | Decal - Caution Fan Blade | |
| 29 | 2220315 | 1 | Fitting, Straight Barbed | |
| 31 | 2720015 | 3 ft /1 m | Hose | |
| 32 | 2720340 | 1 ft /0.4 m | Hose | |
| 33 | 3200401 | 4 | Mount, Motor | |
| 34 | 3271801 | 4 | Nut 1/2 | |
| 35 | 3290801 | 2 | Nut M8 | |
| 36 | 3291005 | 2 | Nut M10 | |
| 37 | 3310401 | 3 | Nut #4 | |
| 38 | 3311405 | 8 | Nut 1/4 | |
| 39 | 3311505 | 2 | Locknut 5/16 | |
| 40 | 3311605 | 17 | Nut 3/8 | |
| 42 | 3910408 | 3 | Screw #4 x 1/2 | |
| 43 | 3931432 | 1 | Capscrew 1/4 x 2 | |
| 44 | 3931512 | 4 | Capscrew 5/16 x 3/4 | |
| 46 | 4031914 | 4 | Capscrew M8 x 50 | |
| 48 | 4060805 | 2 ft /0.4 m | Flex-Trim | |
| 49 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 50 | 4640751 | 1 | Valve, Oil Drain | |
| 51 | 4711400 | 3 | Washer 1/4 | |
| 52 | 4711500 | 5 | Washer 5/16 | |
| 53 | 4711700 | 2 | Washer 7/16 | |
| 54 | 4750400 | 3 | Washer #4 | |

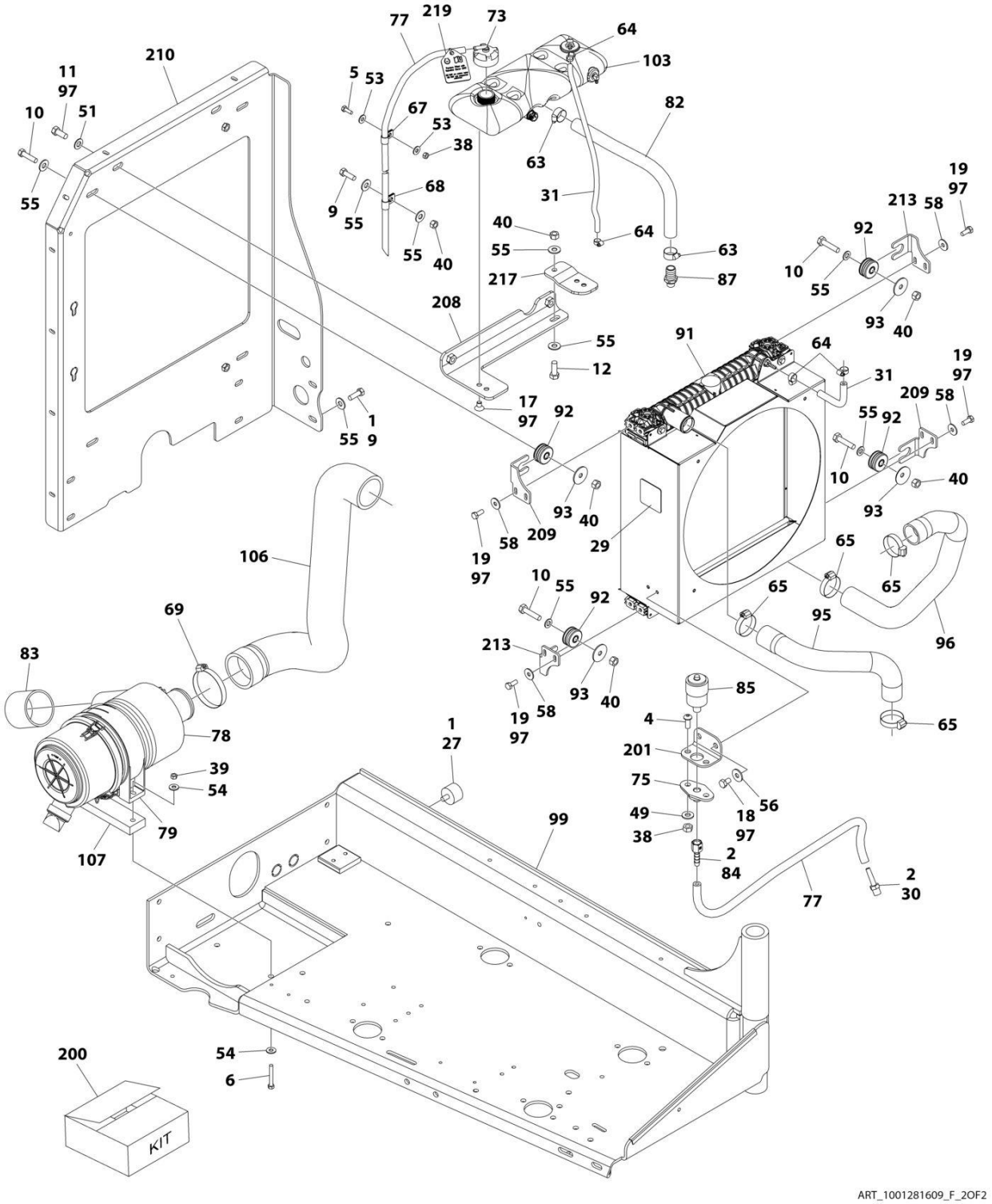
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 55 | 4751400 | 10 | Washer 1/4 | |
| 56 | 4751500 | 4 | Washer 5/16 | |
| 57 | 4751600 | 34 | Washer 3/8 | |
| 58 | 4811702 | 2 | Washer M6 | |
| 59 | 4811900 | 12 | Washer M8 | |
| 60 | 4811902 | 8 | Washer M8 | |
| 61 | 4812000 | 8 | Washer M10 | |
| 62 | 4812100 | 7 | Washer M12 | |
| 63 | 4812200 | 5 | Washer M14 | |
| 65 | 4891800 | 4 | Washer 1/2 | |
| 67 | 8405007 | 2 | Clamp | |
| 68 | 8405009 | 4 | Clamp | |
| 69 | 8405104 | 4 | Clamp | |
| 71 | 8406102 | 1 | Clip | |
| 72 | 8406109 | 1 | Clip | |
| 73 | 8406110 | 1 | Clip | |
| 74 | 8410011 | 2 | Clamp | |
| 75 | 8410013 | 1 | Clamp | |
| 76 | 1001117308 | 1 | Relay | |
| 77 | 1001233089 | 2 | Strap | |
| 79 | 1001135138 | 1 | Adapter | |
| 82 | 1001136834 | 1 | Cap, Tank | |
| 83 | 1001137276 | 1 | Fan | |
| 84 | 1001138173 | 1 | Support | |
| 86 | 1001138228 | 1 | Relay, Power Module | |
| 87 | 1001138248 | 6 ft /2 m | Tube | |
| 88 | 1001138557 | 1 | Clamp | |
| 91 | 1001139409 | 4 | Washer, Special | |
| 97 | 1001141304 | 1 | Harness, Glow Plug | |
| 98 | 1001141370 | 1 | Hose | |
| 100 | 1001141585 | 1 | Hose, Inlet | |
| 102 | 1001141995 | 1 | Fitting, Straight NPT/Barbed | |
| 103 | 1001266525 | 1 | Hose, Inlet | |
| 104 | 1001143390 | 1 | Indicator, Service | |
| 105 | 1001143726 | 1 | Harness, Deutz Engine (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) | |
| 106 | 1001143797 | 1 | Fitting, Straight Metric/Barbed | |
| 107 | 1001143907 | 1 | Cable, Alternator Power | |
| 109 | 1001152489 | 1 | Fitting, 90 Metric/ Barbed | |
| 110 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this Section) | |
| 112 | 1001167042 | 1 | Radiator | |
| 113 | 1001169054 | 4 | Isolator | |
| 114 | 1001169138 | 4 | Washer | |
| 116 | 1001177844 | 1 | Hose, Radiator - Upper | |
| 117 | 1001177845 | 1 | Hose, Radiator - Lower | |
| 119 | 1001180620 | AR | Adhesive | |
| 120 | 1001181899 | 1 | P-Clamp | |
| 127 | 1001221212 | 1 | Clamp | |
| 128 | 1001221219 | 1 | Clamp | |
| 129 | 1001223591 | 1 | Engine, Deutz TD2.9L4 Components (See Separate Breakdown in this Section) | |
| 130 | 1001257278 | 1 | Muffler | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 133 | 1001224940 | 1 | Pipe, Exhaust | |
| 134 | 1001138489 | 1 | Air Cleaner Assembly | |
| 134 | 91403102 | 1 | Element, Filter | |
| 135 | 1001177359 | 1 | Hose | |
| 136 | 1001230635 | 1 | Tank | |
| 137 | 0701022 | 2 | Bolt M10 x 70 | |
| 138 | 3520054 | 1 | Plug | |
| 139 | 0681608 | 1 | Bolt 3/8 x 1 Grade 8 | |
| 140 | 1001267256 | 1 | Shim, Air Cleaner | |
| 141 | 1001190610 | 1 | Support, Engine Try | |
| 200 | 1001257412 | 1 | Bracket Engine Kit (Includes Items 201-217) | F |
| 201 | 1001138175 | 1 | Bracket | |
| 203 | 1001140448 | 1 | Mount, Rear Engine | |
| 204 | 1001140450 | 1 | Mount, Rear Engine | |
| 205 | 1001140454 | 1 | Mount, Front Engine | |
| 207 | 1001145154 | 1 | Plate, Relay Mounting | |
| 208 | 1001260413 | 1 | Bracket, Tank | |
| 209 | 1001178223 | 2 | Bracket, Radiator | |
| 210 | 1001186985 | 1 | Plate, Mounting | |
| 212 | 1001266499 | 1 | Mount, Generator/Engine | |
| 213 | 1001204325 | 2 | Bracket, Radiator | |
| 214 | 1001221203 | 1 | Bracket | |
| 215 | 1001224936 | 1 | Mount, Doc Weldment | |
| 216 | 1001224937 | 2 | Mount, Fuel Filter | |
| 217 | 1001260412 | 1 | Bracket | |
| 218 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 219 | 1001291401 | 1 | Tag, Coolant | |

## FIGURE 3-30. DEUTZ TD2.9L4 ENGINE ASSEMBLY (CHINA IV ENGINES)

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KIT

## FIGURE 3-30. DEUTZ TD2.9L4 ENGINE ASSEMBLY (CHINA IV ENGINES)

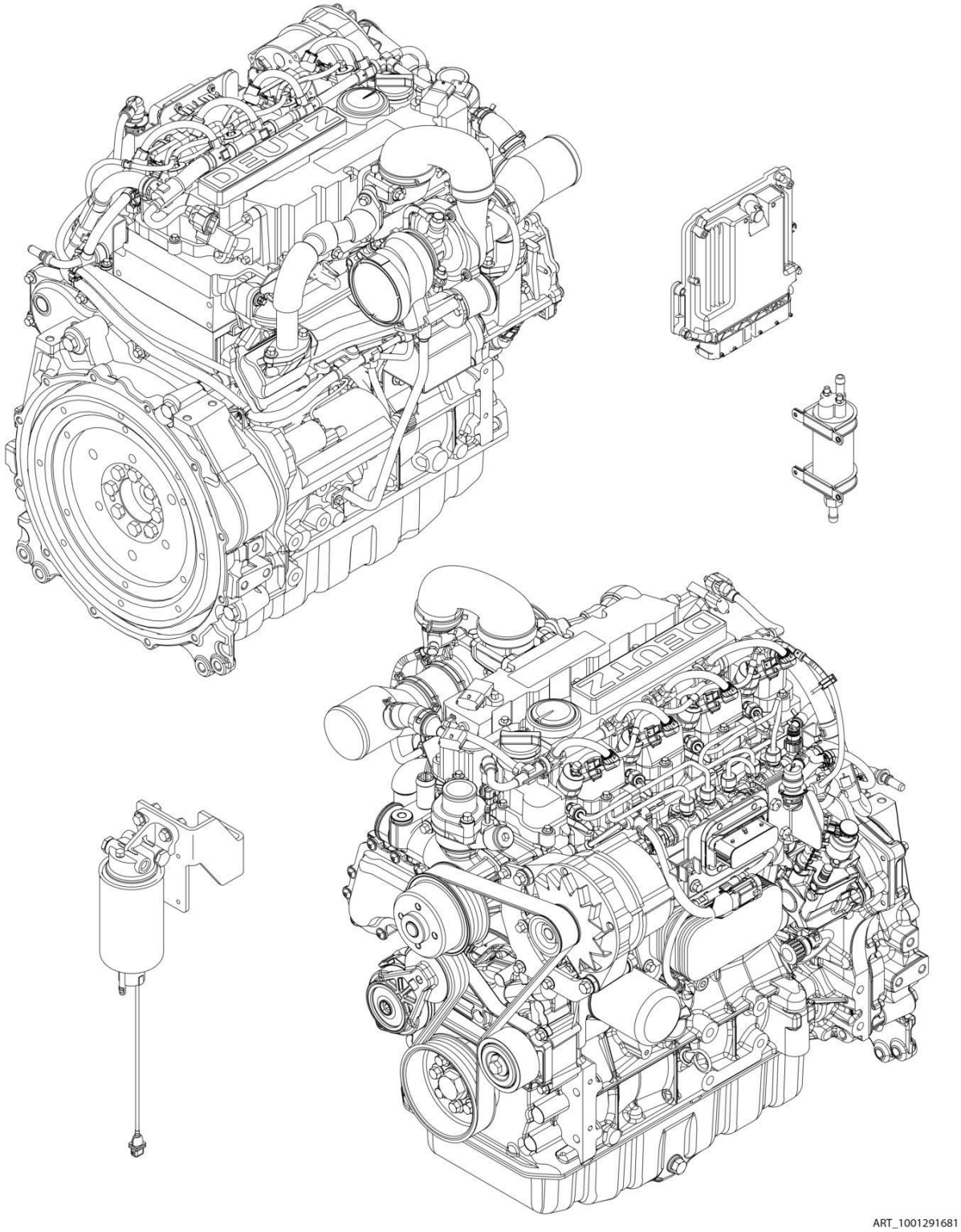
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281609 | Ref | DEUTZ TD2.9L4 ENGINE ASSEMBLY | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant | |
| 3 | 0100062 | AR | Compound, Locking | |
| 4 | 0630407 | 2 | Screw 1/4 x 5/8 | |
| 5 | 0641406 | 5 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641605 | 2 | Bolt 3/8 x 5/8 | |
| 8 | 0641608 | 8 | Bolt 3/8 x 1 | |
| 9 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 10 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 11 | 0641708 | 2 | Bolt 7/16 x 1 | |
| 12 | 0681608 | 1 | Bolt 3/8 x 1 Grade 8 | |
| 13 | 0681820 | 3 | Bolt 1/2 x 2-1/2 Grade 8 | |
| 14 | 0681822 | 1 | Bolt 1/2 x 2-3/4 Grade 8 | |
| 15 | 0701022 | 2 | Bolt M10 x 70 | |
| 16 | 0701025 | 2 | Bolt M10 x 85 | |
| 17 | 0741605 | 2 | Screw 3/8 x 5/8 | |
| 18 | 0760605 | 2 | Bolt M6 x 10 | |
| 19 | 0760810 | 9 | Bolt M8 x 20 | |
| 20 | 0760814 | 4 | Bolt M8 x 30 | |
| 21 | 0760815 | 2 | Bolt M8 x 35 | |
| 22 | 0761015 | 2 | Bolt M10 x 35 | |
| 23 | 0761210 | 1 | Bolt M12 x 20 | |
| 24 | 0771212 | 6 | Bolt M12 x 25 Grade 10.9 | |
| 25 | 0771414 | 2 | Bolt M14 x 30 Grade 10.9 | |
| 26 | 0771415 | 3 | Bolt M14 x 35 | |
| 27 | 0940070 | 1 | Bumper | |
| 28 | 0961986 | 2 | Bushing, Flanged | |
| 29 | 1703162 | 1 | Decal - Caution Fan Blade | |
| 30 | 2220315 | 1 | Fitting, Straight Barbed | |
| 31 | 2720015 | 3 ft /1 m | Hose | |
| 32 | 2720340 | 1 ft /0.3 m | Hose | |
| 33 | 3200401 | 4 | Mount, Motor | |
| 34 | 3271801 | 4 | Nut 1/2 | |
| 35 | 3290801 | 2 | Nut M8 | |
| 36 | 3291005 | 2 | Nut M10 | |
| 37 | 3310401 | 3 | Nut #4 | |
| 38 | 3311405 | 8 | Nut 1/4 | |
| 39 | 3311505 | 2 | Locknut 5/16 | |
| 40 | 3311605 | 17 | Nut 3/8 | |
| 41 | 3520054 | 1 | Plug | |
| 42 | 3910408 | 3 | Screw #4 x 1/2 | |
| 43 | 3931432 | 1 | Capscrew 1/4 x 2 | |
| 44 | 3931512 | 4 | Capscrew 5/16 x 3/4 | |
| 45 | 4031912 | 4 | Capscrew M8 x 50 | |
| 46 | 4060805 | 2 ft /0.4 m | Flex-Trim | |
| 47 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 48 | 4640751 | 1 | Valve, Oil Drain | |
| 49 | 4711400 | 3 | Washer 1/4 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4711500 | 5 | Washer 5/16 | |
| 51 | 4711700 | 2 | Washer 7/16 | |
| 52 | 4750400 | 3 | Washer #4 | |
| 53 | 4751400 | 10 | Washer 1/4 | |
| 54 | 4751500 | 4 | Washer 5/16 | |
| 55 | 4751600 | 34 | Washer 3/8 | |
| 56 | 4811702 | 2 | Washer M6 | |
| 57 | 4811900 | 12 | Washer M8 | |
| 58 | 4811902 | 8 | Washer M8 | |
| 59 | 4812000 | 8 | Washer M10 | |
| 60 | 4812100 | 7 | Washer M12 | |
| 61 | 4812200 | 5 | Washer M14 | |
| 62 | 4891800 | 4 | Washer 1/2 | |
| 63 | 8405007 | 2 | Clamp | |
| 64 | 8405009 | 4 | Clamp | |
| 65 | 8405104 | 4 | Clamp | |
| 66 | 8406102 | 1 | Clip | |
| 67 | 8406109 | 1 | Clip | |
| 68 | 8406110 | 1 | Clip | |
| 69 | 8410011 | 2 | Clamp | |
| 70 | 8410013 | 1 | Clamp | |
| 71 | 1001117308 | 1 | Relay | |
| 72 | 1001289964 | 1 | Adapter | |
| 73 | 1001136834 | 1 | Cap, Tank | |
| 74 | 1001137276 | 1 | Fan | |
| 75 | 1001138173 | 1 | Support | |
| 76 | 1001138228 | 1 | Relay, Power Module | |
| 77 | 1001138248 | 6 ft /2 m | Tube | |
| 78 | 1001138489 | 1 | Air Cleaner Assembly | |
| 78 | 91403102 | 1 | Element, Filter | |
| 79 | 1001138557 | 1 | Clamp | |
| 80 | 1001139409 | 4 | Washer, Special | |
| 81 | 1001141304 | 1 | Harness, Glow Plug | |
| 82 | 1001141370 | 1 | Hose | |
| 83 | 1001141585 | 1 | Hose, Inlet | |
| 84 | 1001141995 | 1 | Fitting, Straight NPT/Barbed | |
| 85 | 1001143390 | 1 | Indicator, Service | |
| 86 | 1001276644 | 1 | Harness, Deutz Engine (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 87 | 1001143797 | 1 | Fitting, Straight Metric/Barbed | |
| 88 | 1001143907 | 1 | Cable, Alternator Power | |
| 89 | 1001152489 | 1 | Fitting, 90 Metric/ Barbed | |
| 90 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this Section) | |
| 91 | 1001167042 | 1 | Radiator | |
| 92 | 1001169054 | 4 | Isolator | |
| 93 | 1001169138 | 4 | Washer | |
| 94 | 1001177359 | 1 | Hose | |
| 95 | 1001177844 | 1 | Hose, Radiator - Upper | |
| 96 | 1001177845 | 1 | Hose, Radiator - Lower | |
| 97 | 1001180620 | AR | Adhesive | |
| 98 | 1001181899 | 1 | P-Clamp | |
| 99 | 1001190610 | 1 | Support, Engine Try | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 100 | 1001221212 | 1 | Clamp | |
| 101 | 1001221219 | 1 | Clamp | |
| 102 | 1001224940 | 1 | Pipe, Exhaust | |
| 103 | 1001230635 | 1 | Tank | |
| 104 | 1001233089 | 2 | Strap | |
| 105 | 1001257278 | 1 | Muffler | |
| 106 | 1001266525 | 1 | Hose, Inlet | |
| 107 | 1001267256 | 1 | Shim, Air Cleaner | |
| 108 | 1001291681 | 1 | Deutz Engine China IV (See Separate Breakdown in this Section) | |
| 109 | 1001281985 | 1 | Connector (Not Shown - Use With Harness 1001238878) | |
| 110 | 1001281986 | 1 | Connector (Not Shown - Use With Harness 1001238878) | |
| 200 | 1001257412 | 1 | Bracket Engine Kit (Includes Items 201-217) | D |
| 201 | 1001138175 | 1 | Bracket | |
| 202 | 1001139240 | 1 | Bracket | |
| 203 | 1001140448 | 1 | Mount, Rear Engine | |
| 204 | 1001140450 | 1 | Mount, Rear Engine | |
| 205 | 1001140454 | 1 | Mount, Front Engine | |
| 207 | 1001145154 | 1 | Plate, Relay Mounting | |
| 208 | 1001260413 | 1 | Bracket, Tank | |
| 209 | 1001178223 | 2 | Bracket, Radiator | |
| 210 | 1001186985 | 1 | Plate, Mounting | |
| 212 | 1001266499 | 1 | Mount, Generator/Engine | |
| 213 | 1001204325 | 2 | Bracket, Radiator | |
| 214 | 1001221203 | 1 | Bracket | |
| 215 | 1001224936 | 2 | Mount, Doc Weldment | |
| 216 | 1001224937 | 1 | Mount, Fuel Filter | |
| 217 | 1001260412 | 1 | Bracket | |
| 218 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 219 | 1001291401 | 1 | Tag, Coolant | |

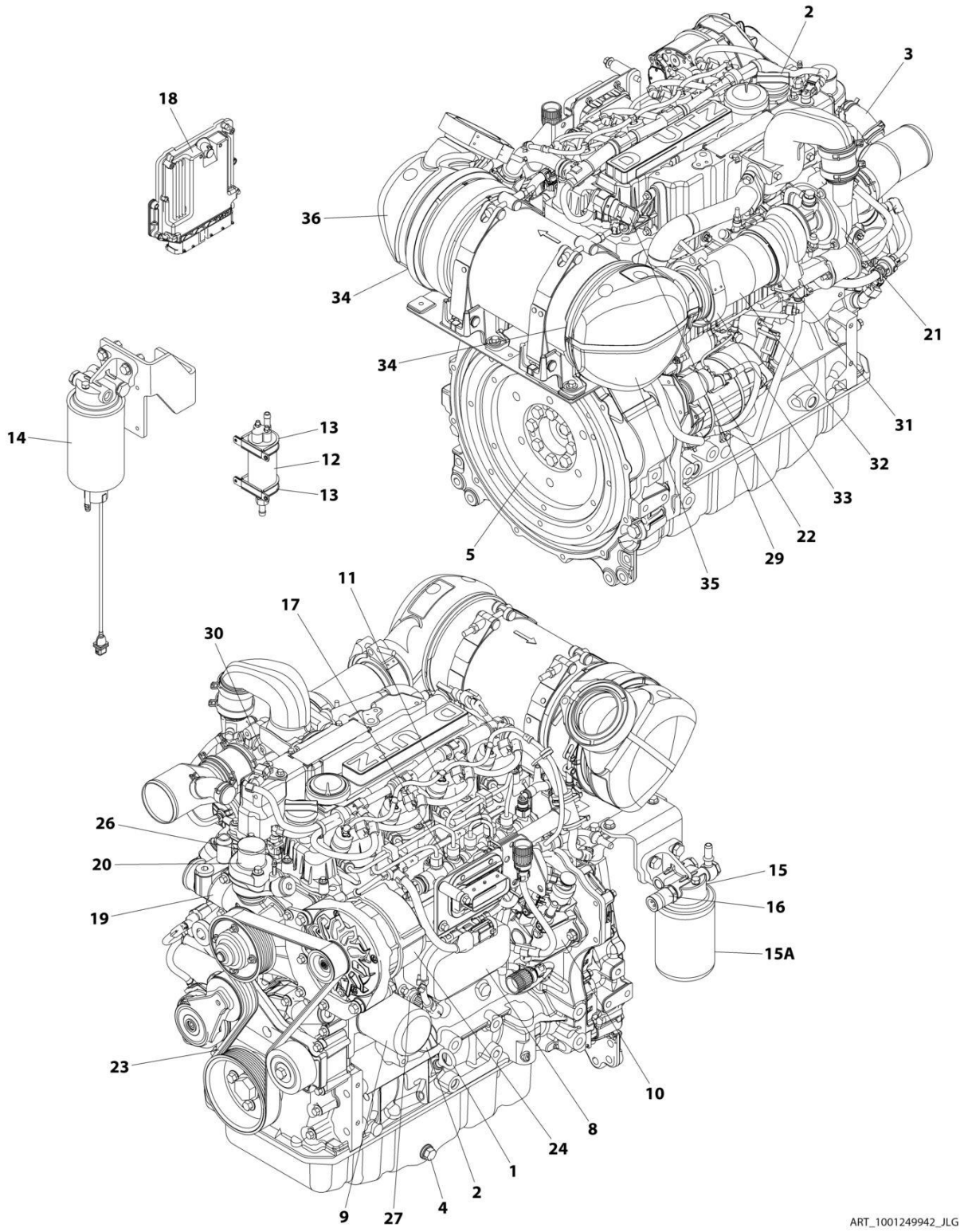
**FIGURE 3-31. DEUTZ ENGINE CHINA IV**



## FIGURE 3-31. DEUTZ ENGINE CHINA IV

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001291681 | Ref | DEUTZ ENGINE CHINA IV | A |
| | See Note | Ref | Note: No Service Parts Available at Time of Printing | |

## FIGURE 3-32. DEUTZ TD2.9L4 ENGINE COMPONENTS



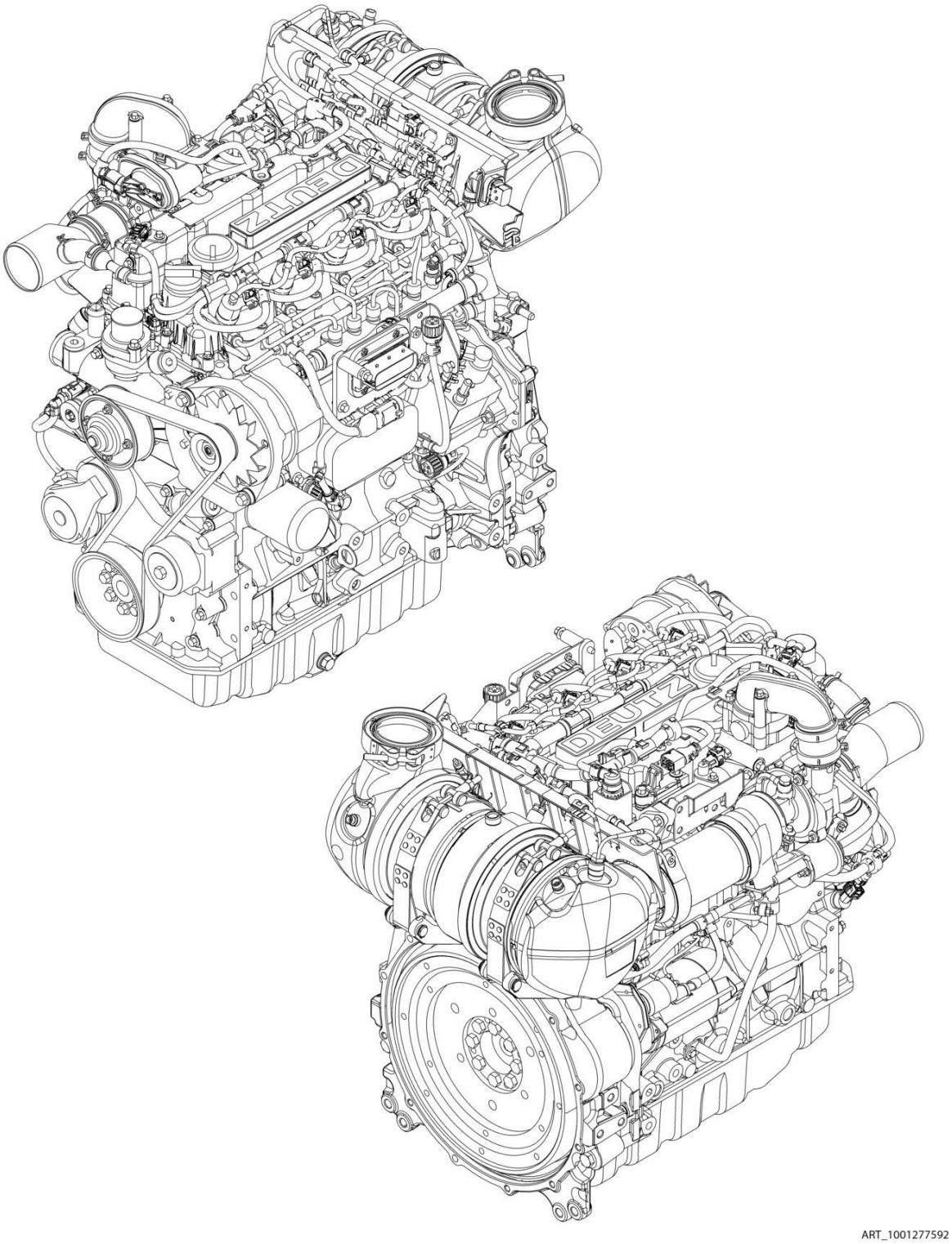
## FIGURE 3-32. DEUTZ TD2.9L4 ENGINE COMPONENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001249942 | Ref | ENGINE COMPONENTS - DEUTZ TD2.9L4 | A |
| 1 | 70024904 | 1 | Dipstick | |
| 1 | 70024905 | 1 | Seal | |
| 2 | 7020465 | 2 | Cap, Oil Fill | |
| 3 | 70025111 | 2 | Clamp | |
| 3 | 70005920 | 1 | Hose, Breather | |
| 4 | 70005941 | 2 | Plug | |
| 4 | 70005942 | 2 | Seal | |
| 5 | 70001870 | 1 | Flywheel with Ring Gear | |
| 5 | 7024579 | 1 | Gear, Ring | |
| 6 | | Ref | Gasket and Seal Options (Not Shown) | |
| 6 | 70004279 | 1 | Gasket Kit | |
| 6 | 70024906 | 1 | Gasket, Head | |
| 6 | 70025205 | 1 | Gasket, Small Valve Cover | |
| 6 | 70005171 | 1 | Gasket, Large Valve Cover | |
| 6 | 70005176 | 1 | O-Seal, Valve Cover to Air Charge Elbow | |
| 6 | 70005177 | 1 | Gasket, Air Charge Pipe to Head | |
| 6 | 70031095 | 3 | Gasket, Air Charge Pipe & EGR Pipe | |
| 6 | 70025164 | 1 | Gasket, Exhaust Manifold to Head | |
| 6 | 70007354 | 1 | Gasket, EGR Pipe to EGR Valve | |
| 6 | 70007326 | 1 | Gasket, EGR Valve to Housing | |
| 7 | 70005172 | 1 | Pump, Oil Lube (Not Shown - Located Front Left Side) | |
| 7 | 70025135 | 1 | O-Ring | |
| 7 | 70005173 | 1 | Gasket | |
| 8 | 70024494 | 1 | Cooler, Oil | |
| 8 | 70024925 | 1 | Gasket | |
| 9 | 7016331 | 1 | Filter, Oil | |
| 10 | 70024924 | 1 | Pump, High Pressure (Not Shown - Located Front Left Side) | |
| 10 | 70025152 | 1 | O-Ring (Between Pump and Spacer) | |
| 10 | 70024517 | 1 | O-Ring (Between Spacer and Engine Block) | |
| 10 | 70004505 | 1 | Valve, Overflow | |
| 10 | 70004506 | 1 | O-Ring | |
| 10 | 70004507 | 1 | O-Ring | |
| 10 | 70004508 | 1 | Valve, Volume Control | |
| 10 | 70004509 | 1 | O-Ring | |
| 10 | 70004510 | 1 | O-Ring | |
| 11 | 70025181 | 4 | Injector Fuel | |
| 11 | 70025140 | 4 | Washer, Sealing | |
| 11 | 70025146 | 4 | Clamp (Top of Injector) | |
| 11 | 70025145 | 4 | O-Seal | |
| 11 | 70025154 | 4 | Shoe, Clamping | |
| 11 | 70000345 | 4 | Plug, Glow | |
| 11 | 70025231 | 1 | Harness, Glow Plug (Not Shown) | |
| 12 | 70006144 | 1 | Pump, Fuel | |
| 13 | 70025144 | 2 | Clamp | |
| 14 | 70024961 | 1 | Filter, Fuel | |
| 14 | 70025153 | 1 | Element, Filter | |
| 14 | 70024513 | 1 | Cable, Sensor | |
| 14 | 70025239 | 1 | Seal | |
| 15 | 70029451 | 1 | Filter With Head | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 15A | 70025161 | 1 | Filter, Fuel | |
| 16 | 70028538 | 1 | Sensor, Pressure | |
| 16 | 70024920 | 1 | Seal | |
| 17 | 70025151 | 1 | Rail, Fuel | |
| 17 | 70025235 | 1 | Repair Kit | |
| 17 | 70025182 | 1 | Line, Fuel (Cylinders 1 & 2) | |
| 17 | 70025183 | 1 | Line, Fuel (Cylinders 3 & 4) | |
| 17 | 70025184 | 1 | Line, Fuel (To Rail) | |
| 18 | 70025210 | 1 | ECU (Engine Control Unit) | |
| 19 | 70029797 | 1 | Pump, Water | |
| 19 | 70025200 | 1 | Seal | |
| 19 | 70007325 | 1 | Gasket | |
| 20 | 70005929 | 1 | Thermostat | |
| 20 | 70005184 | 1 | O-Seal | |
| 20 | 70025142 | 1 | Cover, Thermostat | |
| 20 | 70005931 | 1 | Gasket | |
| 21 | 70004276 | 1 | Turbocharger | |
| 21 | 70024912 | 1 | Gasket, Square | |
| 21 | 70024509 | 1 | Gasket, Return Line | |
| 21 | 70006294 | 1 | O-Seal | |
| 22 | 70024915 | 1 | Starter | |
| 22 | 70005648 | 1 | Relay | |
| 22 | 70005647 | 1 | Solenoid | |
| 23 | 70004277 | 1 | Belt Drive | |
| 24 | 70006652 | 1 | Alternator | |
| 24 | 70006653 | 1 | Regulator, Voltage | |
| 25 | 70007489 | 1 | Harness, Engine (Not Shown) | |
| 26 | 70028540 | 1 | Sender, Temperature | |
| 27 | 70028538 | 1 | Sensor, Pressure | |
| 27 | 70024920 | 1 | Seal | |
| 28 | 70026210 | 2 | Sensor, Speed (Not Shown - Located Left Side Front and Flywheel Housing) | |
| 28 | 70024917 | 1 | Seal (Cam Shaft Speed Sensor) | |
| 28 | 70005191 | 1 | Seal (Flywheel Shaft Speed Sensor) | |
| 29 | 70024507 | 1 | Sensor, Pressure | |
| 29 | 70025120 | 1 | Seal | |
| 30 | 70024922 | 1 | Sender, Temperature | |
| 30 | 70025212 | 1 | O-Seal | |
| 31 | 70005527 | 1 | Clamp | |
| 31 | 70025788 | 1 | Nut | |
| 32 | 70004504 | 1 | Compensator | |
| 33 | 70025242 | 1 | Gasket | |
| 33 | 70029433 | 1 | Clamp | |
| 34 | 70029517 | 2 | Clamp | |
| 34 | 70029520 | 2 | Gasket | |
| 35 | 70007355 | 1 | Inlet | |
| 36 | 70007331 | 1 | Outlet | |

**FIGURE 3-33. DEUTZ TD2.9L4 ENGINE COMPONENTS (STAGE V)**

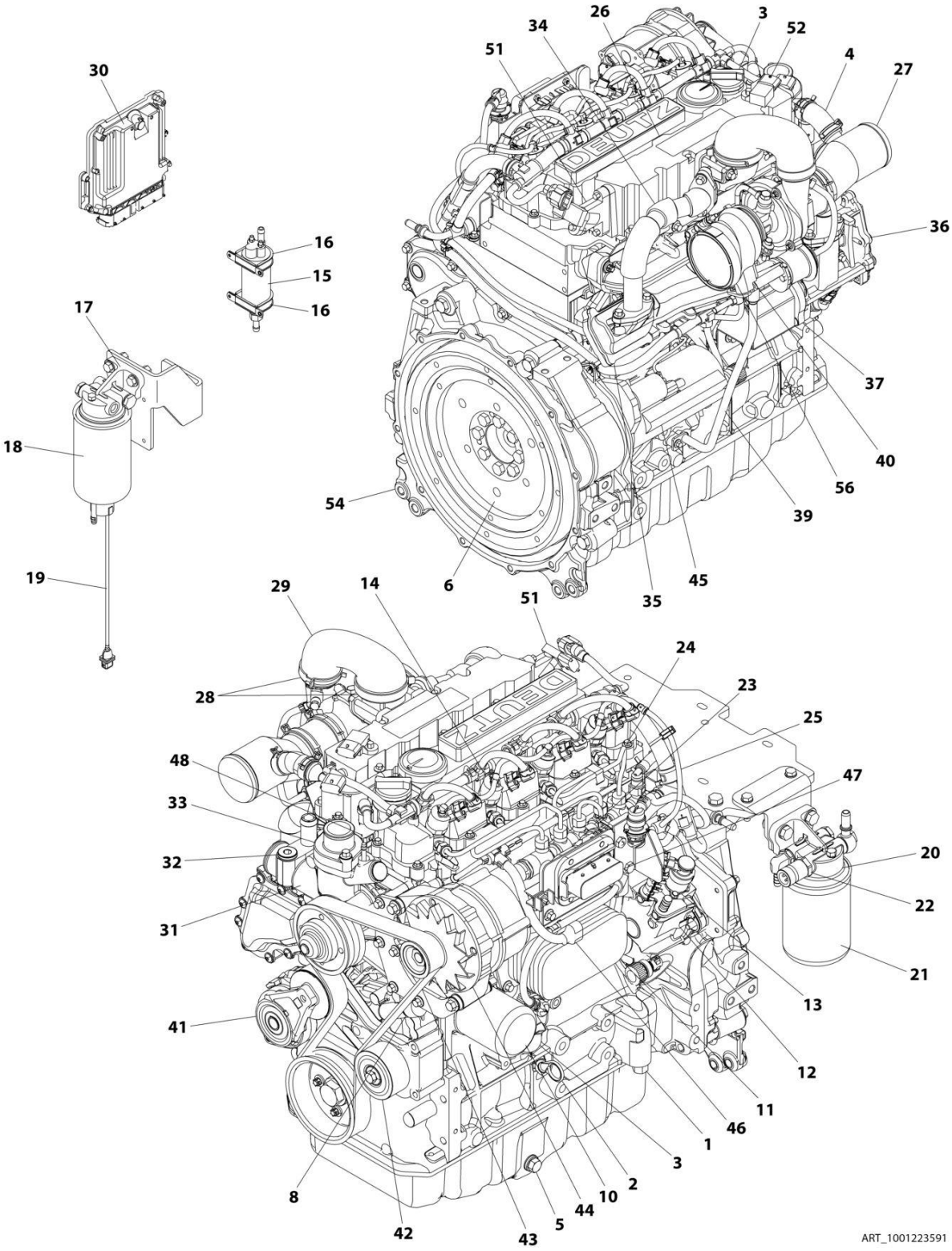


## FIGURE 3-33. DEUTZ TD2.9L4 ENGINE COMPONENTS (STAGE V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001277592 | Ref | DEUTZ ENGINE COMPONENTS | A |
| | See Note | Ref | Note: Additional components may be available. Contact JLG Customer Service for more details. | |
| | | Ref | **COOLING SYSTEM COMPONENTS** | |
| | 70031474 | 1 | Cooler, Oil | |
| | 70031388 | 1 | Seal, Oil Cooler | |
| | 70030360 | 1 | Pump, Coolant (Includes Gasket & Sealing Rings) | |
| | 70031055 | 1 | O-Ring, Coolant Pump | |
| | 7020492 | 1 | Seal | |
| | 70007325 | 1 | Gasket | |
| | 70007603 | 1 | Thermostat | |
| | 70005184 | 1 | O-Ring, Thermostat | |
| | 70005931 | 1 | Gasket, Thermostat | |
| | 70025142 | 1 | Cover, Thermostat | |
| | | Ref | **ELECTRICAL SYSTEM COMPONENTS** | |
| | 70024513 | 1 | Sensor, Fuel Filter | |
| | 70024504 | 1 | Sensor, Fuel Pressure (at Fuel Filter) (Includes Seal) | |
| | 70024920 | 1 | Seal | |
| | 70027405 | 1 | Sensor, Temperature | |
| | 70007803 | 1 | Generator (Includes Regulator) | |
| | 70031143 | 1 | Regulator, Voltage | |
| | 70031144 | 1 | Starter | |
| | 70025231 | 1 | Harness, Glow Plug (Not Shown) | |
| | 1001211556 | 1 | Sensor, Temperature 90 (Includes O-Ring) | |
| | 70028540 | 1 | Sensor, Temperature (Includes O-Ring) (in Cylinder Head) | |
| | 70029407 | 1 | Sensor, Pressure (Includes Seal) (On Exhaust Manifold) | |
| | 70024507 | 1 | Sensor, Pressure (Includes O-Ring) (Charge Manifold) | |
| | 70031475 | 1 | Sensor, Temperature (Includes O-Ring) (Charge Manifold) | |
| | 70026210 | 2 | Sensor, Speed (Includes Seal) (Rear of Block & Front Cover) | |
| | | Ref | **Module, Engine Control** | |
| | | Ref | **Harness, Engine** | |
| | 70000345 | 4 | Plug, Glow (Not Shown) | |
| | 70024505 | 1 | Sender, Temperature (Inlet End of Calalyst) | |
| | 70029409 | 1 | Sender, Temperature (Outlet End of Calalyst) | |
| | | Ref | **EXHAUST SYSTEM COMPONENTS** | |
| | 70031136 | 1 | Pipe, Exhaust Recirculation | |
| | 70029557 | 1 | Gasket, Exhaust Recirculation Pipe to Exhaust Manifold (Upper) | |
| | 70007354 | 1 | Gasket, Exhaust Recirculation Pipe (Lower) | |
| | 70025164 | 1 | Gasket, Exhaust Manifold to Head | |
| | 70025130 | 8 | Bolt, Exhaust Manifold | |
| | 70031138 | 1 | Valve, EGR | |
| | 70007326 | 1 | Gasket, EGR Vlave | |
| | 70005504 | 1 | Sensor, Pressure (Exhaust) (includes Seals) | |
| | 70004276 | 1 | Turbocharger | |
| | 70024912 | 1 | Gasket, Turbocharger | |
| | 70008564 | 1 | Catalyst | |
| | 70029520 | 2 | Gasket (on both ends of Catalyst) | |
| | 70029517 | 2 | Clamp (on both ends of Catalyst) | |
| | 70004504 | 1 | Compensator | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70025242 | 2 | Gasket (at Compensator) | |
| | 70030097 | 1 | Clamp (Compensator Engine Side) | |
| | 70030099 | 1 | Clamp (Compensator Catalyst Side) | |
| | | Ref | **FUEL SYSTEM COMPONENTS** | |
| | 1001225430 | 1 | Filter, Fuel (Primary) | |
| | 1001225431 | 1 | Filter, Fuel (Secondary) | |
| | 70030381 | 1 | Pump, Injection/High Pressure (Includes Control Valves, Gasket & O-Rings) | |
| | 70025152 | 1 | O-Ring (Between Pump AND Spacer) | |
| | 70004505 | 1 | Valve, Overflow | |
| | 70004506 | 1 | O-Ring | |
| | 70004507 | 1 | O-Ring | |
| | 70004508 | 1 | Valve, Volume Control | |
| | 70004509 | 1 | O-Ring | |
| | 70004510 | 1 | Gasket | |
| | 70025181 | 4 | Injector, Fuel (Includes O-Ring) | |
| | 70025145 | 4 | O-Ring | |
| | 70008422 | 1 | Pump, Fuel Supply | |
| | 70025144 | 2 | Clamp | |
| | | Ref | **GASKETS & SEAL & KITS (Note: Some components listed with main component)** | |
| | 70005938 | 1 | Gasket Kit | |
| | 70024906 | 1 | Gasket, Head | |
| | 70005171 | 1 | Gasket, Valve Cover | |
| | 70004280 | 1 | Seal, Main (Front) | |
| | 70002718 | 1 | Seal, Main (Rear) | |
| | 70005177 | 1 | Gasket, Air Charge Pipe | |
| | 70005176 | 1 | O-Ring, Air Charge Pipe | |
| | 70008538 | 2 | Gasket, Throttle Valve | |
| | | Ref | **LUBRICATION SYSTEM COMPONENTS** | |
| | 7016331 | 1 | Filter, Oil | |
| | 70024904 | 1 | Dipstick | |
| | 70024905 | 1 | Seal, Dipstick | |
| | 7020465 | 2 | Cap, Filler | |
| | 70005941 | 2 | Plug, Oil Drain | |
| | 70005942 | 2 | Ring, Oil Drain Plug Sealing | |
| | 70005172 | 1 | Pump, Oil Lube (Includes Gasket & O-Ring | |
| | 70005173 | 1 | Gasket | |
| | 70025135 | 1 | O-Ring | |
| | | Ref | **MECHANICAL COMPONENTS** | |
| | 70001870 | 1 | Flywheel (Includes Ring Gear) | |
| | 7024579 | 1 | Gear, Ring | |
| | 70030359 | 1 | Tensioner, Belt (Generator) | |
| | 70027432 | 1 | Idler (Generator Belt) | |
| | 70004277 | 1 | Belt, Generator Drive | |

## FIGURE 3-34. DEUTZ TD2.9L4 ENGINE COMPONENTS (CHINA III ENGINES)



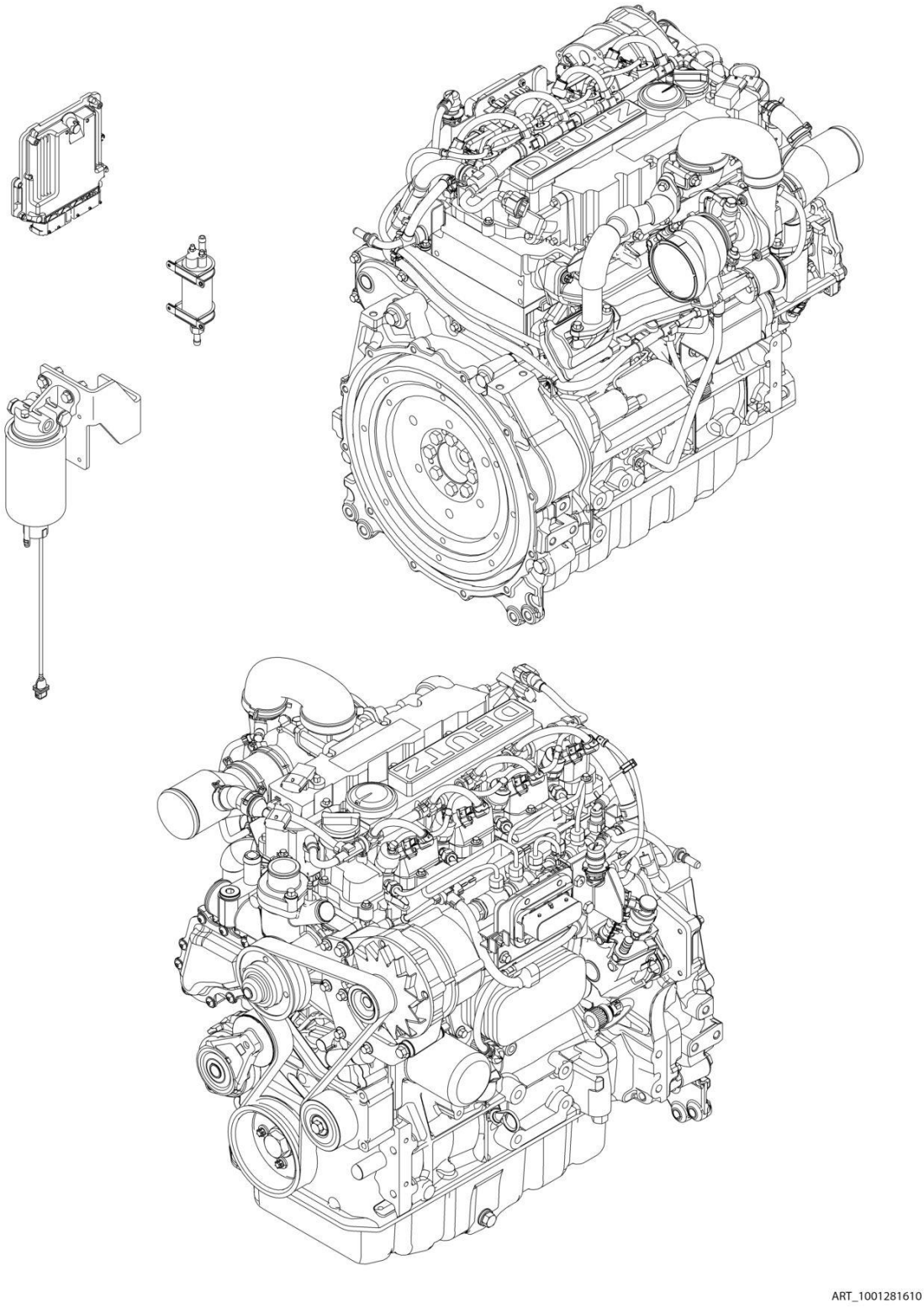
## FIGURE 3-34. DEUTZ TD2.9L4 ENGINE COMPONENTS (CHINA III ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223591 | Ref | DEUTZ TD2.9L4 ENGINE COMPONENTS | C |
| 1 | 70025660 | 1 | Plug | |
| 1 | 70006264 | 1 | Valve, Plunger | |
| 1 | 70006265 | 1 | Spring | |
| 1 | 70006266 | 1 | Seal | |
| 2 | 70024904 | 1 | Dipstick | |
| 2 | 70024905 | 2 | Seal | |
| 3 | 7020465 | 2 | Cap, Fill | |
| 4 | 70005920 | 1 | Line, Breather | |
| 4 | 70025111 | 2 | Clamp | |
| 5 | 70006941 | 2 | Plug | |
| 5 | 70005942 | 2 | Seal | |
| 6 | 70001870 | 1 | Flywheel | |
| 6 | 7024579 | 1 | Ring Gear | |
| 6 | 70025139 | 8 | Bolt | |
| 7 | | Ref | Gasket & Seal Options (Not Shown): | |
| 7 | 70005938 | 1 | Gasket Kit | |
| 7 | 70024906 | 1 | Gasket, Head | |
| 7 | 70005922 | 1 | Gasket, Valve Cover | |
| 7 | 70028185 | 1 | Gasket, Front Cover | |
| 7 | 70004280 | 1 | Seal, Front Main | |
| 7 | 70002718 | 1 | Seal, Rear Main | |
| 8 | See Note | NSS | Valve, Slide (Note: Not Available for Purchase) | |
| 8 | 70025082 | 1 | Seal | |
| 9 | 70005172 | 1 | Pump, Lube (Not Shown - Located RH Rear) | |
| 9 | 70025135 | 1 | O-Seal | |
| 9 | 70005173 | 1 | Gasket | |
| 10 | 7016331 | 1 | Filter, Oil | |
| 11 | 70024494 | 1 | Cooler, Oil | |
| 11 | 70024925 | 1 | Gasket, Oil Filter | |
| 12 | 70024924 | 1 | Pump, High Pressure | |
| 12 | 70025152 | 1 | Gasket (Spacer to Pump) | |
| 12 | 70024488 | 1 | Spacer | |
| 12 | 70024517 | 1 | Gasket (Spacer to Block) | |
| 12 | 70004505 | 1 | Valve, Overflow | |
| 12 | 70004506 | 1 | Gasket, Overflow | |
| 12 | 70004507 | 1 | Gasket, Overflow | |
| 13 | 70004508 | 1 | Valve, Volume Control | |
| 13 | 70004509 | 1 | O-Ring | |
| 13 | 70004510 | 1 | Gasket | |
| 14 | 70025181 | 4 | Injector | |
| 14 | 70025140 | 4 | Washer, Sealing | |
| 14 | 70025146 | 4 | Clamp | |
| 14 | 70025145 | 4 | O-Seal | |
| 14 | 70025154 | 4 | Shoe/Pad, Clamping | |
| 15 | 70006144 | NLA | Pump, Fuel Supply (Use p/n 1001226098) | |
| 16 | 70025144 | 2 | Clip, Clamp | |
| 17 | 70024961 | 1 | Fuel Filter Assembly | |
| 18 | 1001225430 | 1 | Element, Filter | |
| 19 | 70024513 | 1 | Cable, Sensor | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 19 | 70025239 | 1 | Seal, Ring | |
| 20 | 70004511 | 1 | Fuel Filter Assembly | |
| 20 | 70004513 | 2 | Seal (at Hollow Bolt) | |
| 21 | 1001225432 | 1 | Element, Filter | |
| 22 | 70028538 | 1 | Sensor, Pressure | |
| 22 | 70024920 | 1 | O-Seal | |
| 23 | 70025151 | 1 | Rail, Fuel | |
| 23 | 70025235 | 1 | Repair Kit - Fuel Rail | |
| 23 | 70025240 | 1 | O-Ring | |
| 24 | 70025182 | 1 | Tube, Fuel - Cylinders 1 & 2 | |
| 24 | 70025183 | 1 | Tube, Fuel - Cylinders 3 & 4 | |
| 24 | 70025184 | 1 | Tube, Fuel | |
| 25 | 70024502 | 1 | Pipe, Fuel Leakage | |
| 25 | 70025185 | 1 | Hose, Fuel | |
| 25 | 70025158 | 1 | Manifold | |
| 25 | 70025109 | 2 | Clamp, Spring | |
| 25 | 70025115 | 1 | Clamp | |
| 25 | 70025133 | 1 | Hose | |
| 25 | 70025101 | 2 | Clamp | |
| 25 | 70025148 | 1 | Connector, Plug-in | |
| 26 | 70005923 | 1 | Manifold, Charger Air | |
| 26 | 70005177 | 1 | Gasket, Charger Air Manifold | |
| 26 | 70005924 | 1 | Seal (Manifold to Elbow) | |
| 26 | 7000180 | 1 | Line, Breather (Not Shown) | |
| 26 | 70005181 | 1 | O-Seal (Breather to Manifold) | |
| 27 | 70005926 | 1 | Elbow | |
| 27 | 70025112 | 2 | Clamp | |
| 27 | 70004501 | 1 | Sleeve, Rubber | |
| 28 | See Note | NSS | Sleeve (Note: Not Available for Purchase) | |
| 28 | 70025107 | 2 | Clamp | |
| 29 | 70005928 | 1 | Elbow, Air Charge | |
| 30 | 70025210 | 1 | Module, ECU | |
| 31 | 70028802 | 1 | Pump, Coolant | |
| 31 | 70025200 | 1 | Ring, Sealing (Pump to Block) | |
| 32 | 70025084 | 2 | Plug | |
| 32 | 7020492 | 2 | Ring, Sealing | |
| 33 | 70005929 | 1 | Thermostat | |
| 33 | 70005184 | 1 | O-Seal (Thermostat to Housing) | |
| 33 | 70025142 | 1 | Housing, Thermostat | |
| 33 | 70005931 | 1 | O-Seal (Thermostat to Pump) | |
| 33 | 70025124 | 2 | Bolt | |
| 34 | See Note | NSS | Tube (Note: Not Available for Purchase) | |
| 34 | 70025179 | 2 | Gasket (at Either End of Tube) | |
| 35 | See Note | NSS | Valve, Shuttle (Note: Not Available for Purchase) | |
| 35 | 70025180 | 1 | Gasket | |
| 35 | See Note | NSS | Housing, Shuttle Valve (Note: Not Available for Purchase) | |
| 35 | 70025175 | 1 | Cap, Shuttle Valve | |
| 36 | 70025203 | 1 | Module, EGR | |
| 36 | 70025155 | 1 | Plug (Not Shown) | |
| 37 | 70005188 | 1 | Valve, EGR Control | |
| 37 | 70005189 | 1 | Seal (Valve to Module) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 38 | 70004282 | 1 | Manifold, Exhaust (Not Shown) | |
| 38 | 70025164 | 1 | Gasket, Manifold to Head (Not Shown) | |
| 38 | 70025130 | 8 | Bolt, Manifold (Not Shown) | |
| 38 | 70026995 | 1 | Elbow, Exhaust (Not Shown) | |
| 38 | 70025179 | 2 | Gasket, Manifold to Elbow (Not Shown) | |
| 39 | 70005932 | 1 | Tube, Oil Return | |
| 39 | 70025132 | 1 | O-Seal | |
| 40 | 70004276 | 1 | Turbocharger | |
| 40 | 70024509 | 1 | Gasket (Turbocharger to Oil Return Tube Housing) | |
| 40 | 1001191599 | 1 | Gasket (Turbocharger to Exhaust) | |
| 41 | 70025477 | 1 | Tensioner, Belt | |
| 42 | 70024484 | 1 | Roller, Idler | |
| 43 | 70004277 | 1 | Belt | |
| 44 | 70025733 | 1 | Pulley, Alternator | |
| 44 | 70006652 | 1 | Alternator | |
| 44 | 70006653 | 1 | Controller | |
| 44 | See Note | NSS | Fan (Note: Not Available for Purchase) | |
| 45 | 70024915 | 1 | Starter | |
| 45 | 70005647 | 1 | Switch, Solenoid | |
| 45 | 70005648 | 1 | Relay | |
| 46 | 70000345 | 4 | Glow Plug | |
| 46 | 70025231 | 1 | Harness, Glow Plug | |
| 46 | 70025233 | 1 | Connector, Plug-in | |
| 47 | 70025077 | 1 | Harness, Engine | |
| 48 | 70024918 | 1 | Sender, Temperature | |
| 49 | 70028538 | 1 | Sensor, Pressure (Not Shown - RH Front) | |
| 49 | 70024920 | 1 | O-Seal | |
| 50 | 70026210 | 1 | Sensor, Speed (Not Shown - Front) | |
| 50 | 70005191 | 1 | Ring, Seal | |
| 51 | 70024507 | 1 | Sensor, Pressure | |
| 51 | 70025120 | 1 | O-Seal | |
| 51 | 70005933 | 1 | Adapter | |
| 51 | 70005934 | 1 | O-Seal | |
| 52 | 70024922 | 1 | Sender, Temperature | |
| 52 | 70025212 | 1 | O-Seal | |
| 53 | 70026210 | 1 | Sensor, Speed (Not Shown - Front) | |
| 53 | 70024917 | 1 | O-Seal | |
| 54 | 70025192 | 1 | Housing | |
| 56 | 70005527 | 1 | Clip | |

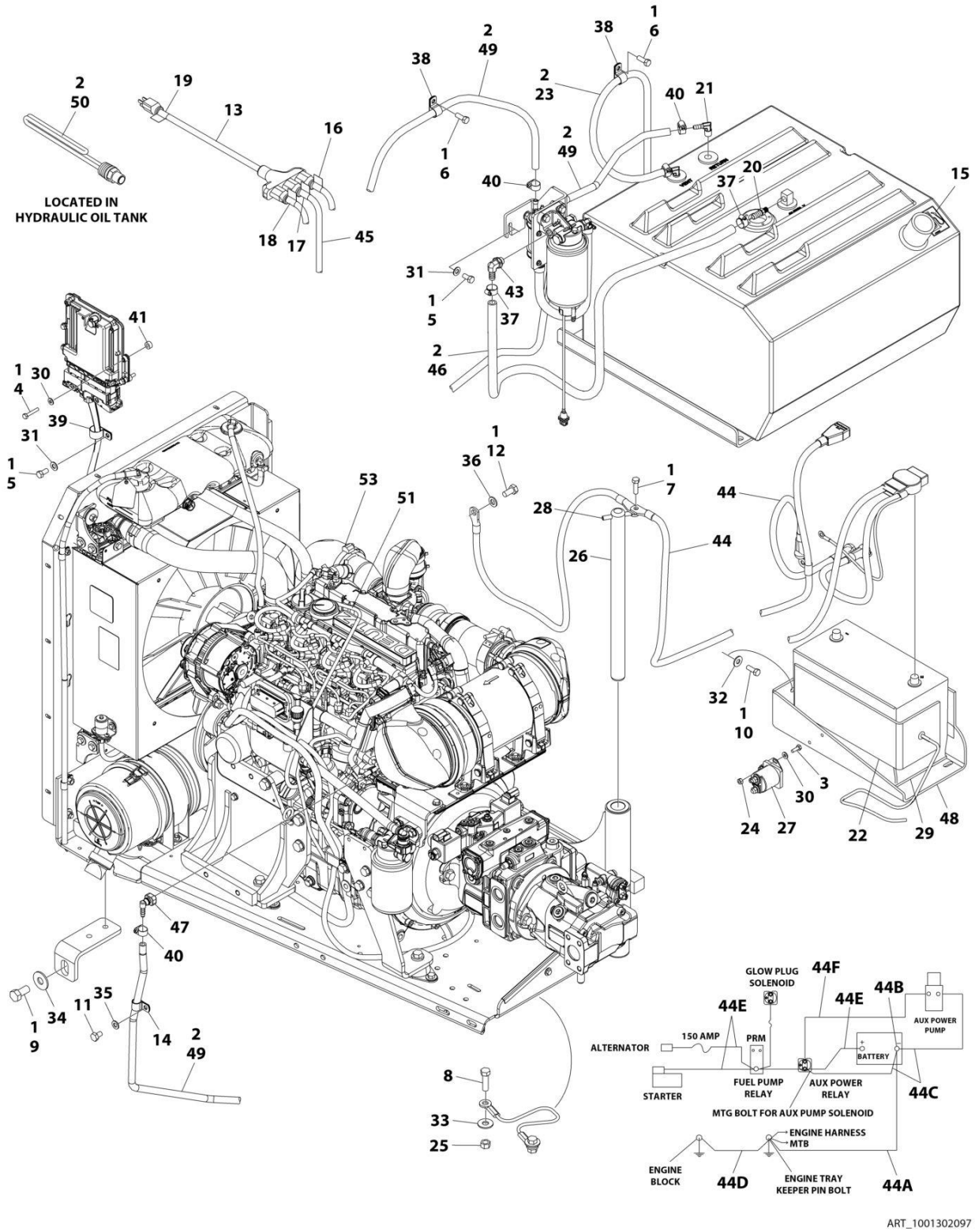
**FIGURE 3-35. DEUTZ TD2.9L4 ENGINE COMPONENTS (CHINA IV ENGINES)**



## FIGURE 3-35. DEUTZ TD2.9L4 ENGINE COMPONENTS (CHINA IV ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281610 | Ref | DEUTZ TD2.9L4 ENGINE COMPONENTS | A |
| | See Note | Ref | Note: No Service Parts Available at Time of Printing | |

## FIGURE 3-36. DEUTZ D2.9L4 - EMR5 ENGINE INSTALLATION WITH ARCTIC PACKAGE

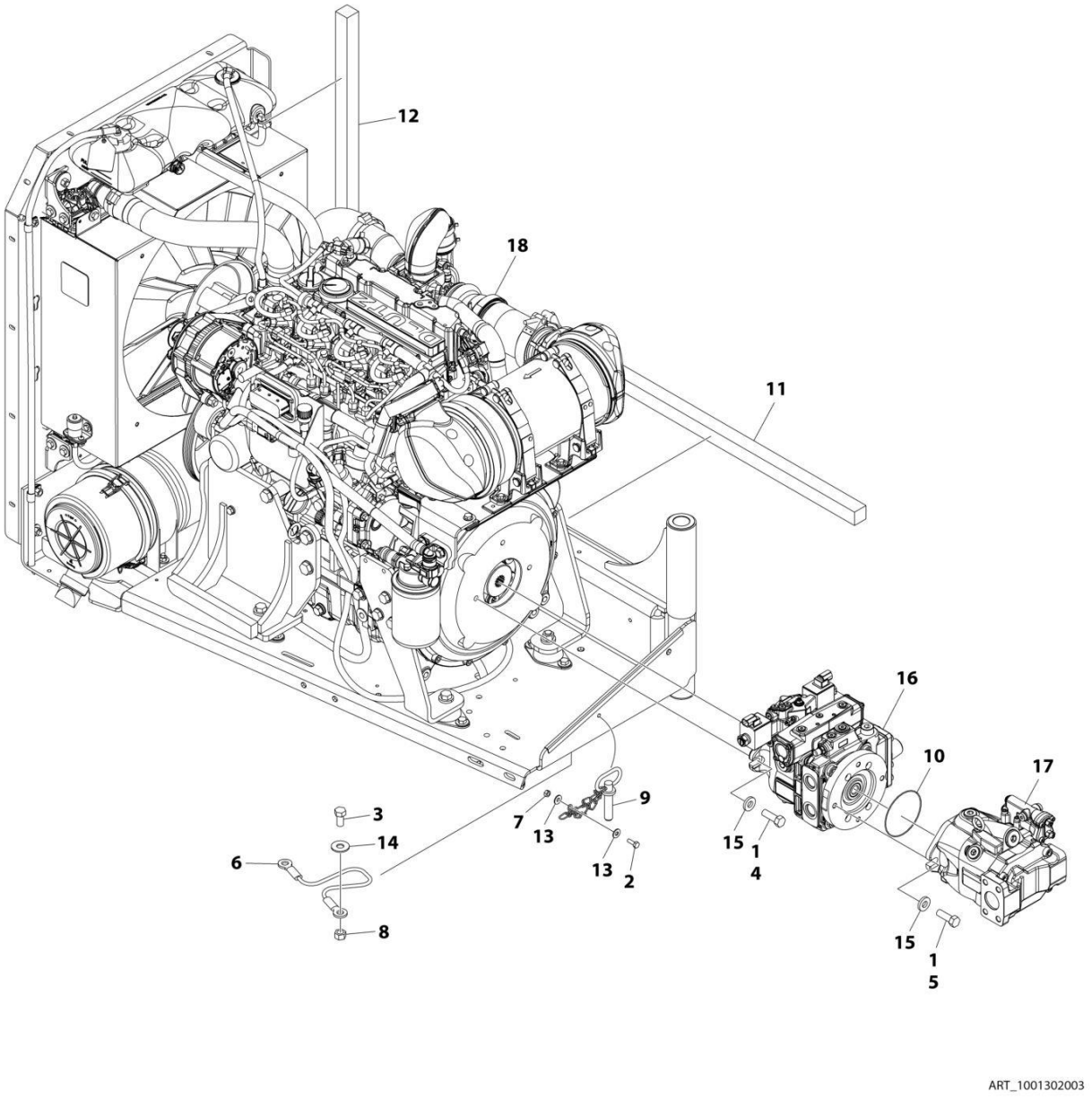


## FIGURE 3-36. DEUTZ D2.9L4 - EMR5 ENGINE INSTALLATION WITH ARCTIC PACKAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001302097 | Ref | ENGINE INSTALLATION EMR5 WITH ARCTIC PACKAGE | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 3 | Bolt 3/8 x 3/4 | |
| 6 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 7 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 11 | 0761008 | 1 | Bolt M10 x 16 | |
| 12 | 0771212 | 1 | Bolt M12 x 25 | |
| 13 | 1060626 | 1 | Cord, 3-Way Extension | |
| 14 | 1320061 | 1 | Clamp | |
| 15 | 1701505 | 1 | Decal - Diesel | |
| 16 | 1702941 | 1 | Decal - Battery Heater | |
| 17 | 1702942 | 1 | Decal - Engine Heater | |
| 18 | 1702943 | 1 | Decal - Hydraulic Tank Heater | |
| 19 | 1702944 | 1 | Decal - Heater Cord | |
| 20 | 2180832 | 1 | Fitting, Barbed | |
| 21 | 2220313 | 2 | Fitting, 90 | |
| 22 | 2580024 | 1 | Heater, Battery | |
| 23 | 2750532 | 4 ft /1.2 m | Hose | |
| 24 | 3311405 | 2 | Nut 1/4 | |
| 25 | 3311805 | 1 | Nut 1/2 | |
| 26 | 3422446 | 1 | Pin | |
| 27 | 3740067 | 1 | Relay | |
| 28 | 3841143 | 1 | Keeper, Pin | |
| 29 | 3980007 | 1 | Seat, Battery | |
| 30 | 4711400 | 7 | Washer 1/4 | |
| 31 | 4711600 | 3 | Washer 3/8 | |
| 32 | 4751600 | 3 | Washer 3/8 | |
| 33 | 4751800 | 1 | Washer 1/2 | |
| 34 | 4752000 | 1 | Washer 5/8 | |
| 35 | 4812000 | 1 | Washer M10 | |
| 36 | 4812100 | 1 | Washer M12 | |
| 37 | 8405006 | 2 | Clamp | |
| 38 | 8406102 | 2 | Clip | |
| 39 | 8406201 | 1 | Clip | |
| 40 | 8410013 | 5 | Clamp | |
| 41 | 1001110425 | 4 | Spacer | |
| 42 | 1001138491 | 1 | Fuel Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001142501 | 1 | Fitting, 90 | |
| 44 | 1001143736 | 1 | Battery Cable Kit | |
| 44A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grds) | |
| 44B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 44C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 44D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 44E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 44F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 44 | See Note | 1 | Cable (Aux Relay to Starter) (Note: Use P/N 7027087) | |
| 45 | 1001150918 | 1 | Cable, Extension Cord | |
| 46 | 1001154405 | 5 ft /1.6 m | Hose | |
| 47 | 1001155823 | 1 | Fitting, 90 Quick Disconnect | |
| 48 | 1001162497 | 1 | Bracket | |
| 49 | 1001165035 | 28 ft /8.5 m | Hose | |
| 50 | 1001188972 | 1 | Heater, Immersion | |
| 51 | 1001233763 | 1 | Breather Heater Installation (See Separate Breakdown in this Section) | |
| 52 | 1001289593 | 1 | ECU Power Jumper Harness (Not Shown) (See Separate Breakdown in ELECTICAL Section) | |
| 53 | 1001302003 | 1 | Engine and Pump Assembly with Arctic Package (See Separate Breakdown in this Section) | |

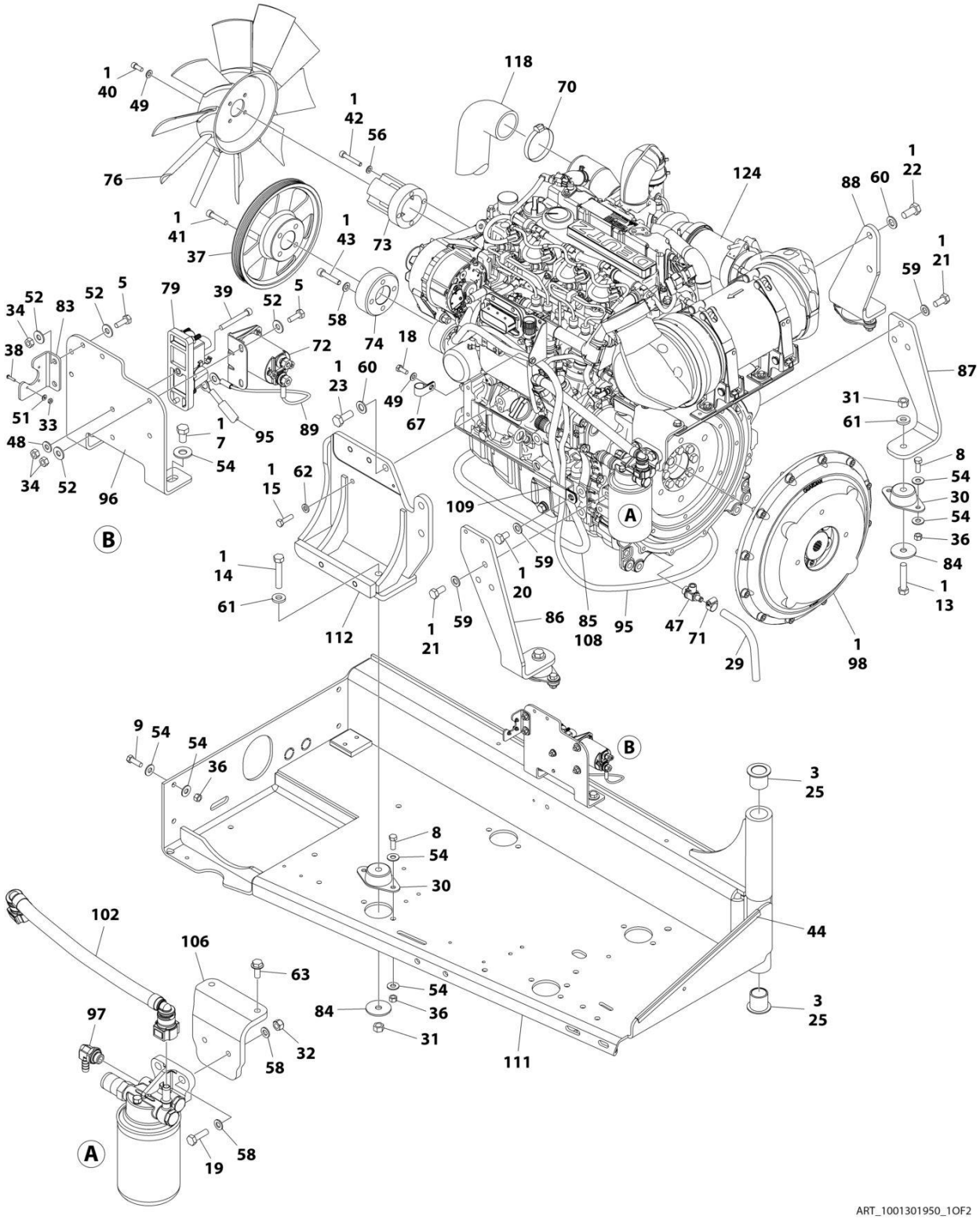
## FIGURE 3-37. DEUTZ D2.9L4 - EMR5 ENGINE AND PUMP SUB-ASSEMBLY WITH ARCTIC PACKAGE

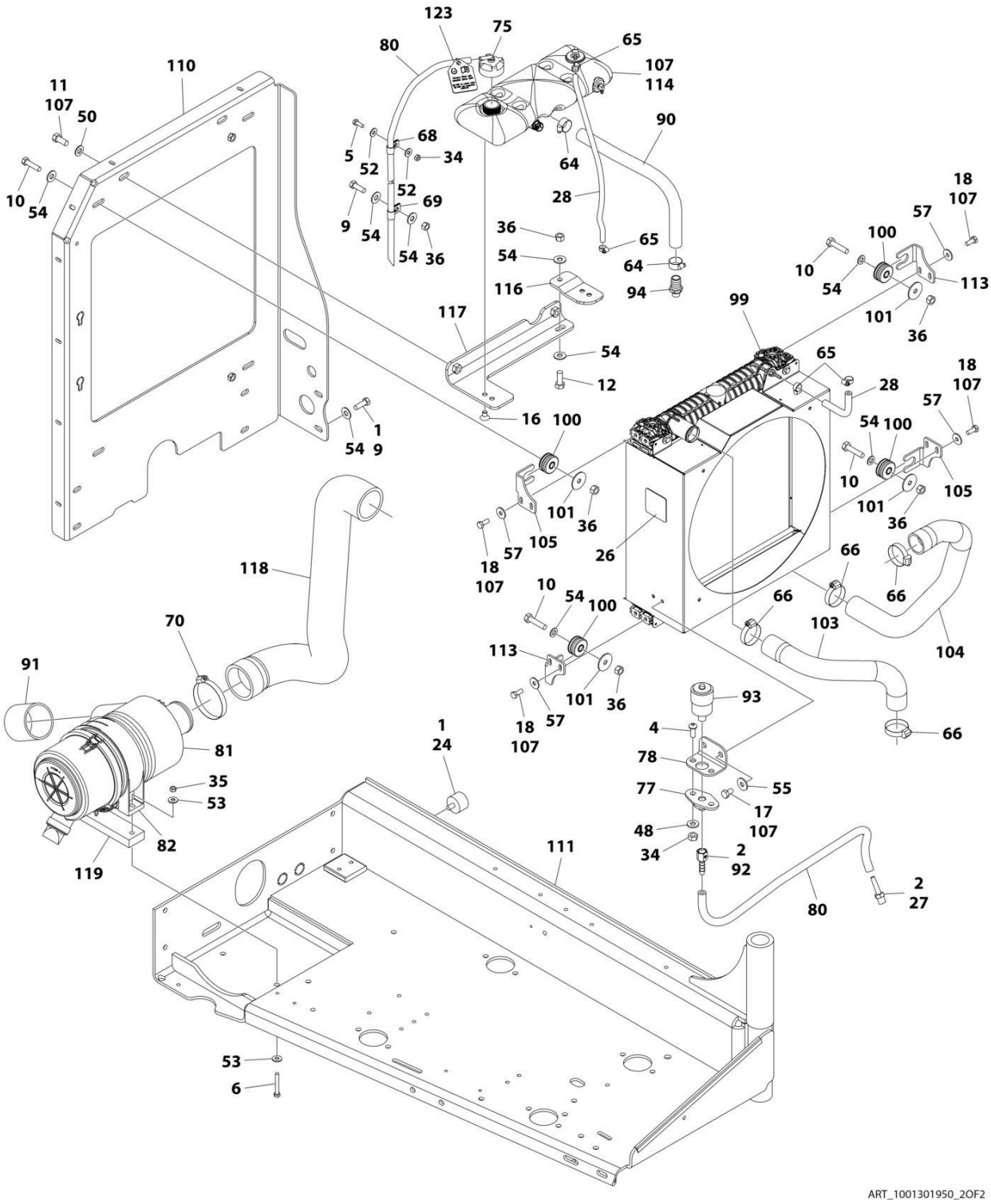


## FIGURE 3-37. DEUTZ D2.9L4 - EMR5 ENGINE AND PUMP SUB-ASSEMBLY WITH ARCTIC PACKAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001302003 | Ref | ENGINE AND PUMP SUB-ASSEMLY EMR5 WITH ARCTIC PACKAGE | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 5 | 0711215 | 2 | Bolt M12 x 35 | |
| 6 | 1060637 | 1 | Lanyard | |
| 7 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001276376 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 17 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 18 | 1001301950 | 1 | Engine Assembly with Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-38. ENGINE ASSEMBLY - DEUTZ D2.9L4 EMR5 ENGINE (WITH ARCTIC PACKAGE)




123
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53
82
119
1
24
111
53
6
93
4
78
77
55
17
107
48
34
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92
80
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57
100
113
10
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101
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## FIGURE 3-38. ENGINE ASSEMBLY - DEUTZ D2.9L4 EMR5 ENGINE (WITH ARCTIC PACKAGE)

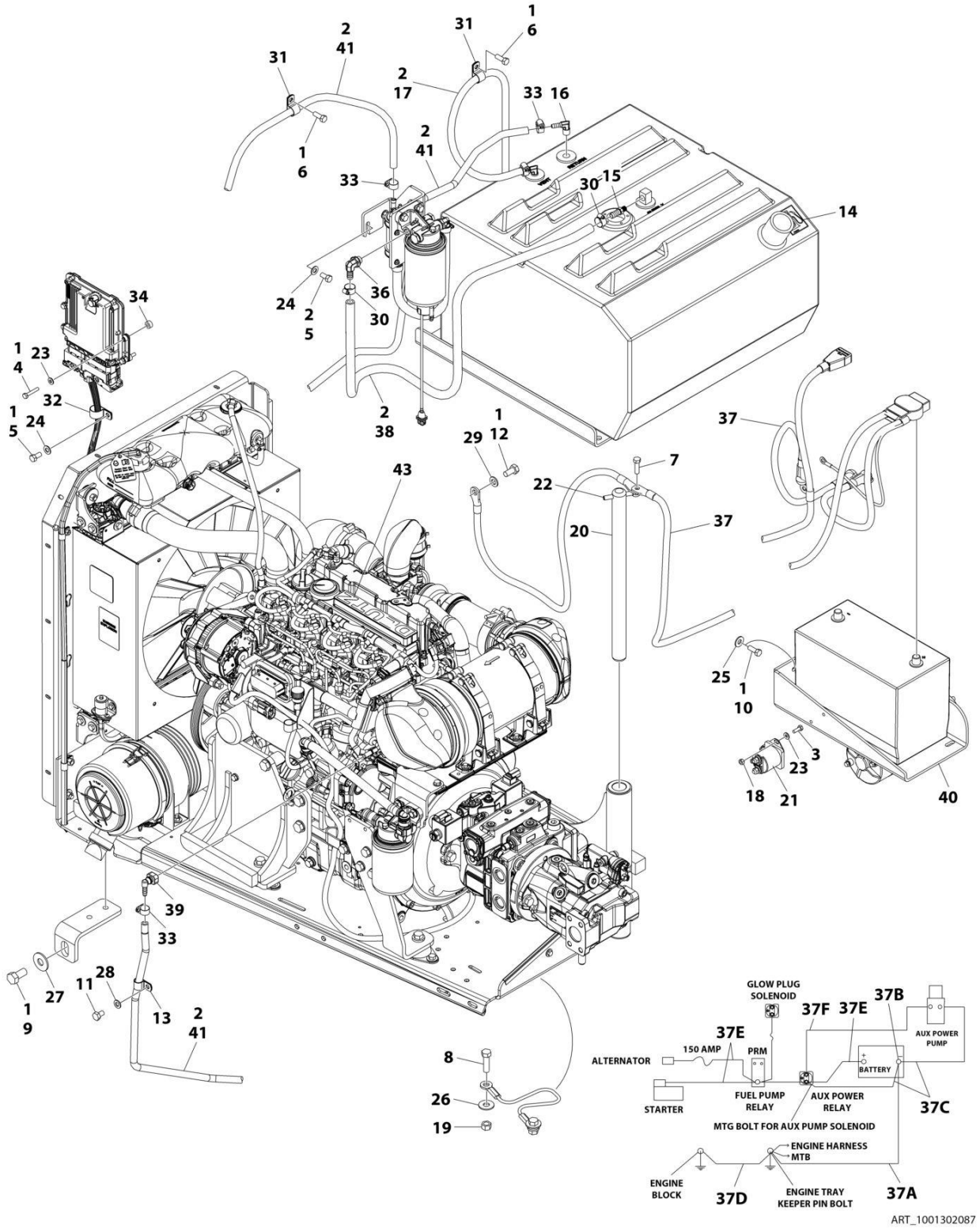
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001301950 | Ref | ENGINE ASSEMBLY - DEUTZ D2.9L4 EMR5 ENGINE | A |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0100062 | AR | Adhesive | |
| 4 | 0630407 | 2 | Screw 1/4 x 5/8 | |
| 5 | 0641406 | 5 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641605 | 2 | Bolt 3/8 x 5/8 | |
| 8 | 0641608 | 8 | Bolt 3/8 x 1 | |
| 9 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 10 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 11 | 0641708 | 2 | Bolt 7/16 x 1 | |
| 12 | 0681608 | 1 | Bolt 3/8 x 1 | |
| 13 | 0681820 | 3 | Bolt 1/2 x 2-1/2 | |
| 14 | 0681822 | 1 | Bolt 1/2 x 2-3/4 | |
| 15 | 0700814 | 1 | Bolt M8 x 30 | |
| 16 | 0741605 | 2 | Screw 3/8 x 5/8 | |
| 17 | 0760605 | 2 | Bolt M6 x 10 | |
| 18 | 0760810 | 9 | Bolt M8 x 20 | |
| 19 | 0761015 | 2 | Bolt M10 x 35 | |
| 20 | 0761210 | 1 | Bolt M12 x 20 | |
| 21 | 0771212 | 6 | Bolt M12 x 25 | |
| 22 | 0771414 | 2 | Bolt M14 x 30 | |
| 23 | 0771415 | 3 | Bolt M14 x 35 | |
| 24 | 0940070 | 1 | Bumper | |
| 25 | 0961986 | 2 | Bushing | |
| 26 | 1703162 | 1 | Decal - Fan Blade | |
| 27 | 2220315 | 1 | Fitting, Straight Barbed | |
| 28 | 2720015 | 3 ft /1 m | Hose | |
| 29 | 2720340 | 1 ft /0.3 m | Hose | |
| 30 | 3200401 | 4 | Mount | |
| 31 | 3271801 | 4 | Nut 1/2 | |
| 32 | 3291005 | 2 | Nut M10 | |
| 33 | 3310401 | 3 | Nut #4 | |
| 34 | 3311405 | 8 | Nut 1/4 | |
| 35 | 3311505 | 2 | Nut 5/16 | |
| 36 | 3311605 | 17 | Nut 3/8 | |
| 37 | 3580320 | 1 | Pulley | |
| 38 | 3910408 | 3 | Screw #4 x 1/2 | |
| 39 | 3931432 | 1 | Capscrew 1/4 x 2 | |
| 40 | 3931512 | 4 | Capscrew 5/16 x 3/4 | |
| 41 | 3931628 | 4 | Capscrew 3/8 x 1-3/4 | |
| 42 | 4031914 | 4 | Capscrew M8 x 50 | |
| 43 | 4032014 | 4 | Capscrew M10 x 50 | |
| 44 | 4060805 | 2 ft /0.4 m | Shield | |
| 45 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 46 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 47 | 4640751 | 1 | Valve, Oil Drain | |
| 48 | 4711400 | 3 | Washer 1/4 | |
| 49 | 4711500 | 5 | Washer 5/16 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4711700 | 2 | Washer 7/16 | |
| 51 | 4750400 | 3 | Washer #4 | |
| 52 | 4751400 | 10 | Washer 1/4 | |
| 53 | 4751500 | 4 | Washer 5/16 | |
| 54 | 4751600 | 34 | Washer 3/8 | |
| 55 | 4811702 | 2 | Washer M6 | |
| 56 | 4811900 | 4 | Washer M8 | |
| 57 | 4811902 | 8 | Washer M8 | |
| 58 | 4812000 | 8 | Washer M10 | |
| 59 | 4812100 | 7 | Washer M12 | |
| 60 | 4812200 | 5 | Washer M14 | |
| 61 | 4891800 | 4 | Washer 1/2 | |
| 62 | 5240800 | 1 | Washer M8 | |
| 63 | 5250810 | 2 | Bolt M8 x 20 | |
| 64 | 8405007 | 2 | Clamp | |
| 65 | 8405009 | 4 | Clamp | |
| 66 | 8405104 | 4 | Clamp | |
| 67 | 8406102 | 1 | Clip | |
| 68 | 8406109 | 1 | Clip | |
| 69 | 8406110 | 1 | Clip | |
| 70 | 8410011 | 2 | Clamp | |
| 71 | 8410013 | 1 | Clamp | |
| 72 | 1001117308 | 1 | Relay | |
| 73 | 1001135138 | 1 | Adapter | |
| 74 | 1001135679 | 1 | Adapter | |
| 75 | 1001136834 | 1 | Cap | |
| 76 | 1001137276 | 1 | Fan | |
| 77 | 1001138173 | 1 | Support | |
| 78 | 1001138175 | 1 | Bracket | |
| 79 | 1001138228 | 1 | Relay, Power Module | |
| 79 | 70023592 | 1 | Fuse 20Amp | |
| 79 | 70023593 | 1 | Fuse 30Amp | |
| 80 | 1001138248 | 6 ft /2 m | Tube | |
| 81 | 1001138489 | 1 | Filter | |
| 82 | 1001138557 | 1 | Clamp | |
| 83 | 1001139240 | 1 | Bracket | |
| 84 | 1001139409 | 4 | Washer | |
| 85 | 1001140312 | 1 | Heater, Engine Block | |
| 86 | 1001140448 | 1 | Plate | |
| 87 | 1001140450 | 1 | Plate | |
| 88 | 1001140454 | 1 | Plate | |
| 89 | 1001141304 | 1 | Wire, Glow Fuse | |
| 90 | 1001141370 | 1 | Hose | |
| 91 | 1001141585 | 1 | Hose | |
| 92 | 1001141995 | 1 | Fitting, Straight NPT/Barbed | |
| 93 | 1001143390 | 1 | Indicator | |
| 94 | 1001143797 | 1 | Fitting, Straight Barbed | |
| 95 | 1001143907 | 1 | Cable, Alternator Power | |
| 96 | 1001145154 | 1 | Plate | |
| 97 | 1001152489 | 1 | Fitting, 90 Barbed | |
| 98 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this Section) | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 99 | 1001167042 | 1 | Radiator | |
| 100 | 1001169054 | 4 | Isolator | |
| 101 | 1001169138 | 4 | Pad | |
| 102 | 1001177359 | 1 | Hose | |
| 103 | 1001177844 | 1 | Hose, Radiator (Upper) | |
| 104 | 1001177845 | 1 | Hose, Radiator (Lower) | |
| 105 | 1001178223 | 2 | Bracket | |
| 106 | 1001178876 | 1 | Mount | |
| 107 | 1001180620 | AR | Adhesive | |
| 108 | 1001181895 | AR | Adhesive | |
| 109 | 1001181899 | 1 | Clamp | |
| 110 | 1001186985 | 1 | Support | |
| 111 | 1001190610 | 1 | Support | |
| 112 | 1001202368 | 1 | Support | |
| 113 | 1001204325 | 2 | Bracket | |
| 114 | 1001230635 | 1 | Tank | |
| 114 | 0100020 | AR | Sealant | |
| 114 | 1001134488 | 1 | Fitting, 90 NPT/Barbed | |
| 114 | 1001138827 | 1 | Sensor | |
| 114 | 1001140564 | 1 | Fitting, 90 NPT/Barbed | |
| 114 | 1001229542 | 1 | Tank | |
| 115 | 1001235949 | 1 | Bracket, Fuel Pump/Filter Assembly (Not Shown) (See Separate Breakdown in this Section) | |
| 116 | 1001260412 | 1 | Bracket | |
| 117 | 1001260413 | 1 | Bracket | |
| 118 | 1001266525 | 1 | Hose | |
| 119 | 1001267256 | 1 | Shim | |
| 120 | 1001276644 | 1 | Deutz Engine Harness (Not Shown) (See Separate Breakdown in ELECTICAL Section) | |
| 121 | 1001281985 | 1 | Connector (Not Shown) | |
| 122 | 1001281986 | 1 | Connector (Not Shown) | |
| 123 | 1001291401 | 1 | Tag, Coolant | |
| 124 | 1001301717 | 1 | Deutz TD2.9L4 EMR5 Engine (See Separate Breakdown in this Section) | |

## FIGURE 3-39. DEUTZ D2.9L4 - EMR5 ENGINE INSTALLATION WITHOUT ARCTIC PACKAGE

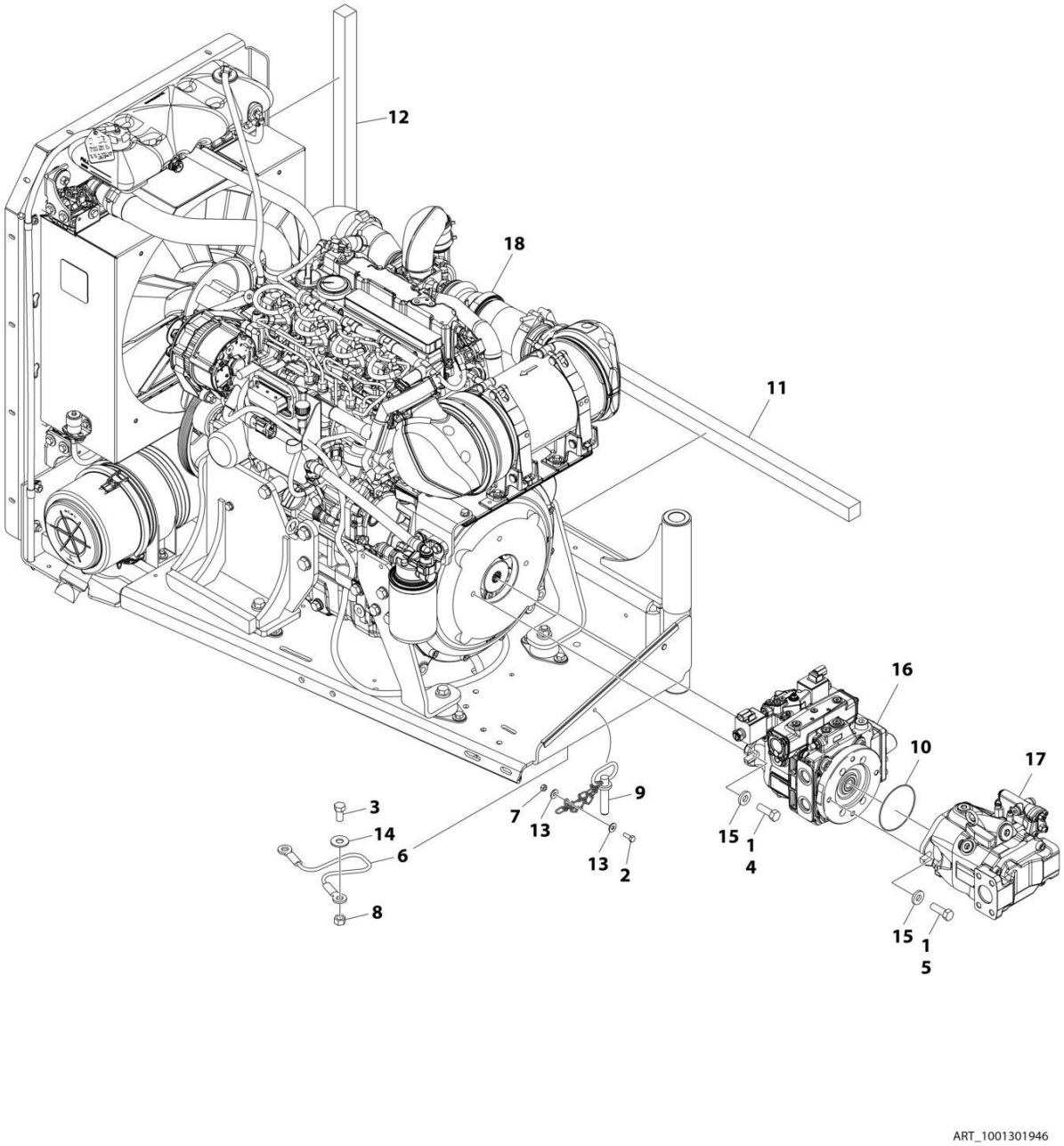


## FIGURE 3-39. DEUTZ D2.9L4 - EMR5 ENGINE INSTALLATION WITHOUT ARCTIC PACKAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001302087 | Ref | ENGINE INSTALLATION EMR5 WITHOUT ARCTIC PACKAGE | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 5 | 0641606 | 3 | Bolt 3/8 x 3/4 | |
| 6 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 7 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 8 | 0641814 | 1 | Bolt 1/2 x 1-3/4 | |
| 9 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 10 | 0681608 | 3 | Bolt 3/8 x 1 | |
| 11 | 0761008 | 1 | Bolt M10 x 16 | |
| 12 | 0771212 | 1 | Bolt M12 x 25 | |
| 13 | 1320061 | 1 | Clamp | |
| 14 | 1701505 | 1 | Decal - Diesel | |
| 15 | 2180832 | 1 | Fitting, Barbed | |
| 16 | 2220313 | 2 | Fitting, 90 | |
| 17 | 2750532 | 4 ft /1.2 m | Hose | |
| 18 | 3311405 | 2 | Nut 1/4 | |
| 19 | 3311805 | 1 | Nut 1/2 | |
| 20 | 3422446 | 1 | Pin | |
| 21 | 3740067 | 1 | Relay | |
| 22 | 3841143 | 1 | Keeper, Pin | |
| 23 | 4711400 | 7 | Washer 1/4 | |
| 24 | 4711600 | 3 | Washer 3/8 | |
| 25 | 4751600 | 3 | Washer 3/8 | |
| 26 | 4751800 | 1 | Washer 1/2 | |
| 27 | 4752000 | 1 | Washer 5/8 | |
| 28 | 4812000 | 1 | Washer M10 | |
| 29 | 4812100 | 1 | Washer M12 | |
| 30 | 8405006 | 2 | Clamp | |
| 31 | 8406102 | 2 | Clip | |
| 32 | 8406201 | 1 | Clip | |
| 33 | 8410013 | 5 | Clamp | |
| 34 | 1001110425 | 4 | Spacer | |
| 35 | 1001138491 | 1 | Fuel Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 36 | 1001142501 | 1 | Fitting, 90 | |
| 37 | 1001143736 | 1 | Battery Cable Kit | |
| 37A | 7027084 | 1 | Cable, Battery (Black) (Battery - to Tray Pivot Grds) | |
| 37B | 8270147 | 1 | Terminal, Battery (With Boot) | |
| 37C | 7027085 | 1 | Cable, Battery (Black) (Battery - to Aux Pump and Relay Grds) | |
| 37D | 7027086 | 1 | Cable, Battery (Black) (Engine to Tray Pivot Grd) | |
| 37E | 7027087 | 1 | Cable (Red) (Battery + to Aux Relay/Power Module/Starter) | |
| 37F | 7027088 | 1 | Cable (Red) (Aux Relay to Aux Pump) | |
| 37 | See Note | 1 | Cable (Aux Relay to Starter) (Note: Use P/N 7027087) | |
| 38 | 1001154405 | 5 ft /1.6 m | Hose | |
| 39 | 1001155823 | 1 | Fitting, 90 Quick Disconnect | |
| 40 | 1001162497 | 1 | Bracket | |
| 41 | 1001165035 | 28 ft /8.5 m | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 42 | 1001289593 | 1 | ECU Power Jumper Harness (Not Shown) (See Separate Breakdown in ELECTICAL Section) | |
| 43 | 1001301946 | 1 | Engine and Pump Assembly without Arctic Package (See Separate Breakdown in this Section) | |

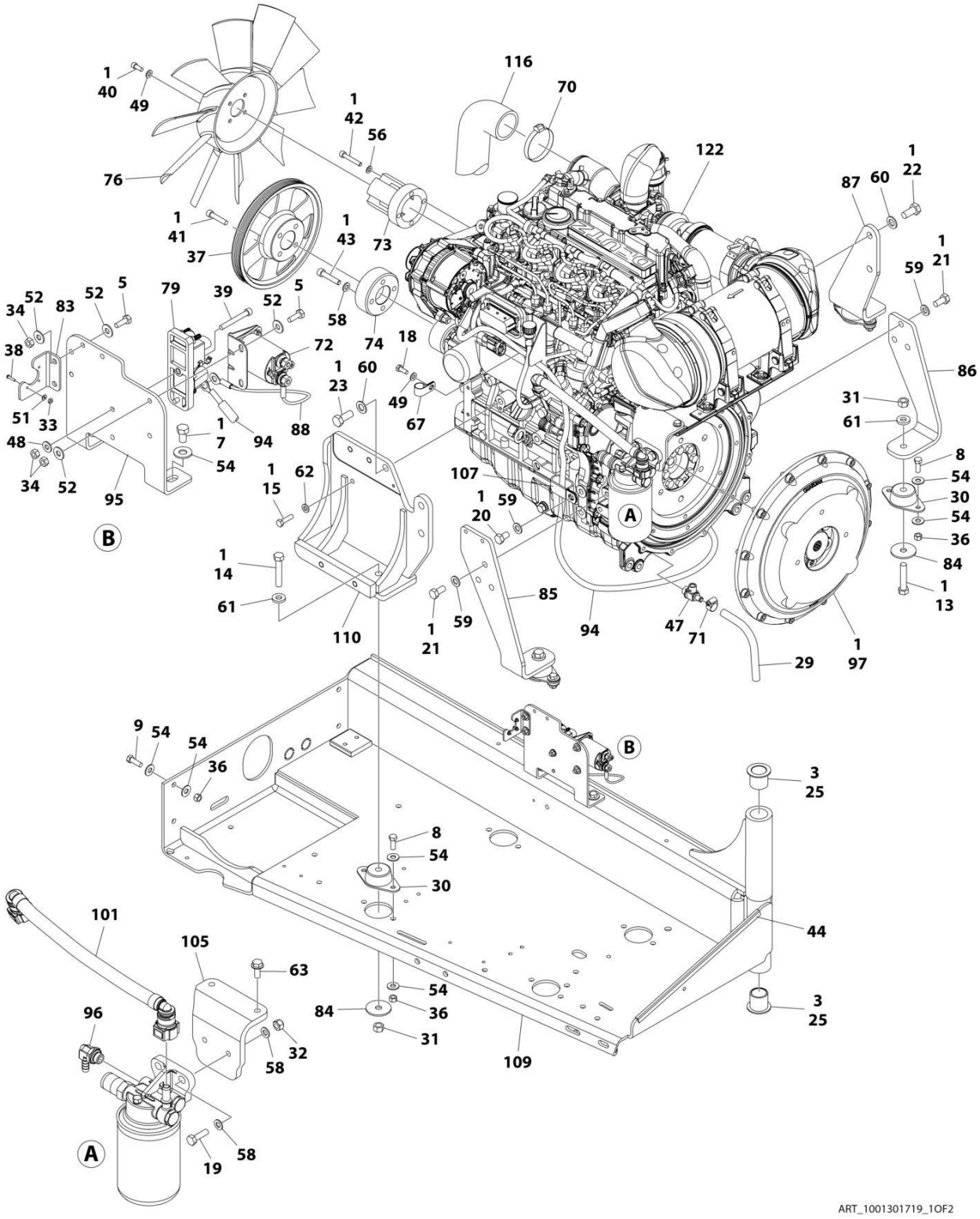
## FIGURE 3-40. DEUTZ D2.9L4 - EMR5 ENGINE AND PUMP SUB-ASSEMBLY WITHOUT ARCTIC PACKAGE

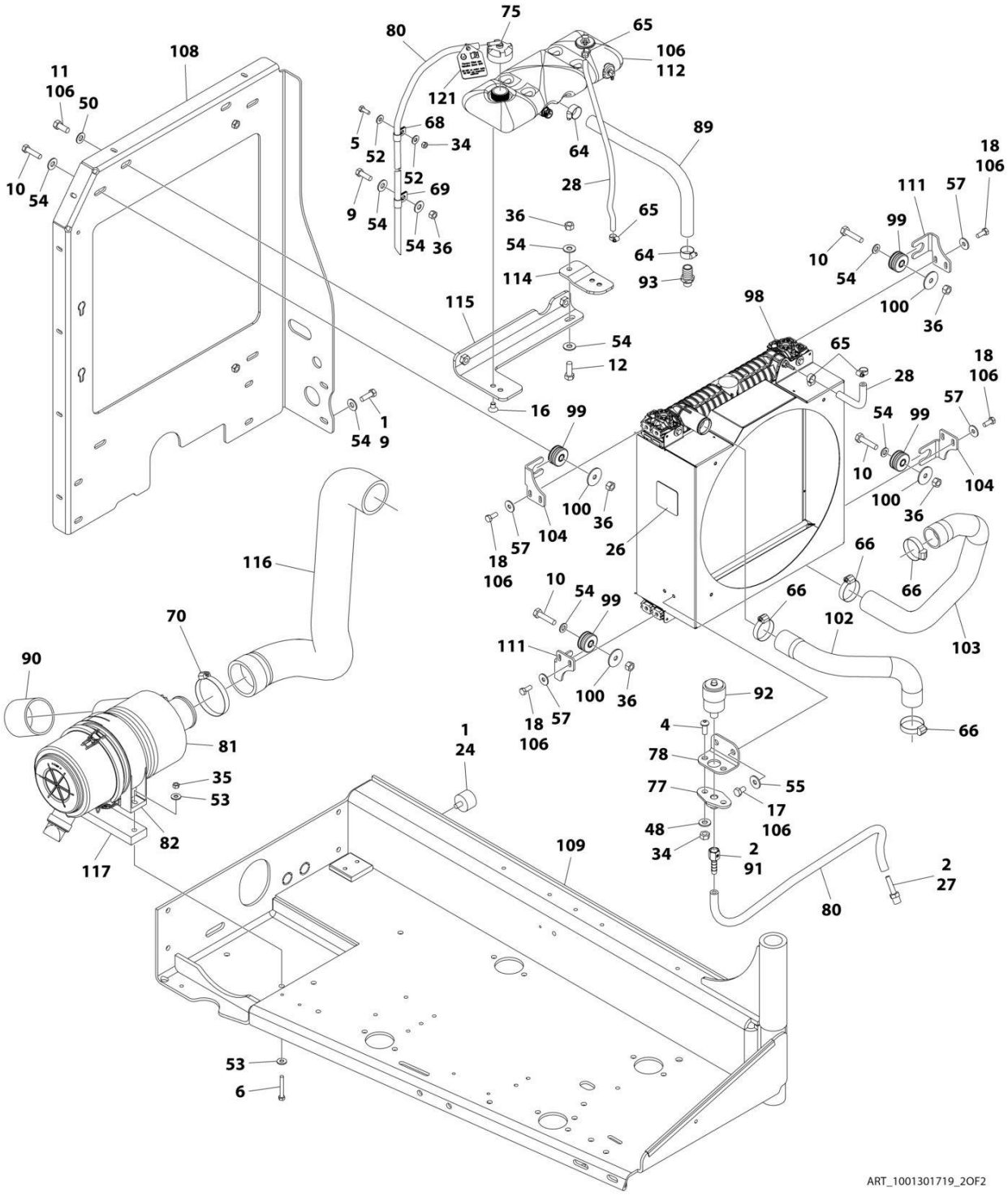


## FIGURE 3-40. DEUTZ D2.9L4 - EMR5 ENGINE AND PUMP SUB-ASSEMBLY WITHOUT ARCTIC PACKAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001301946 | Ref | ENGINE AND PUMP SUB-ASSEMLY EMR5 WITHOUT ARCTIC PACKAGE | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 1 | Bolt 1/4 x 3/4 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 5 | 0711215 | 2 | Bolt M12 x 35 | |
| 6 | 1060637 | 1 | Lanyard | |
| 7 | 3311405 | 1 | Nut 1/4 | |
| 8 | 3311801 | 1 | Nut 1/2 | |
| 9 | 3422532 | 1 | Pin | |
| 10 | 3790044 | 1 | O-Ring | |
| 11 | 3960468 | 1 | Seal | |
| 12 | 3960469 | 1 | Seal | |
| 13 | 4751400 | 2 | Washer 1/4 | |
| 14 | 4751800 | 1 | Washer 1/2 | |
| 15 | 4891800 | 4 | Washer 1/2 | |
| 16 | 1001276376 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 17 | 1001276377 | 1 | Variable Pump Assembly with Fittings (See Separate Breakdown in this Section) | |
| 18 | 1001301719 | 1 | Engine Assembly without Arctic Package (See Separate Breakdown in this Section) | |

## FIGURE 3-41. ENGINE ASSEMBLY - DEUTZ D2.9L4 EMR5 ENGINE (WITHOUT ARCTIC PACKAGE




ART_1001301719_2OF2

## FIGURE 3-41. ENGINE ASSEMBLY - DEUTZ D2.9L4 EMR5 ENGINE (WITHOUT ARCTIC PACKAGE

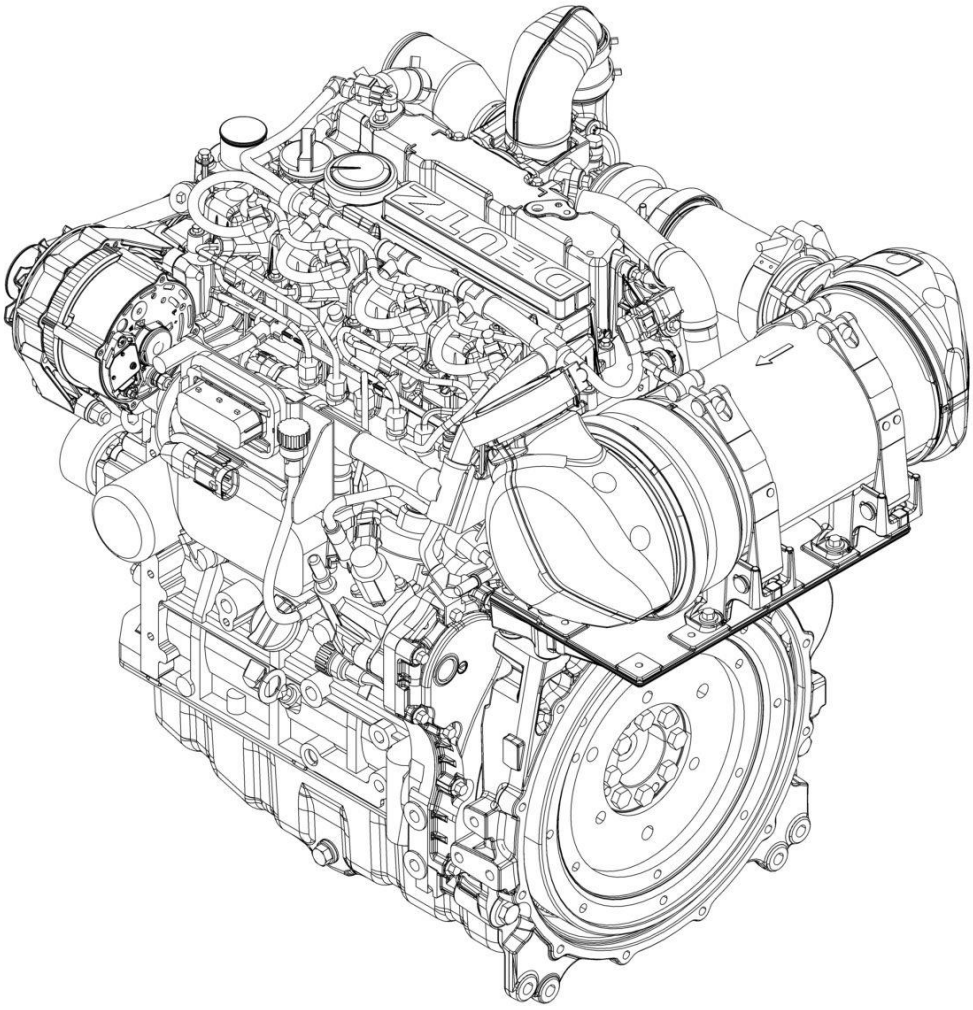
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001301719 | Ref | ENGINE ASSEMBLY - DEUTZ D2.9L4 EMR5 ENGINE | A |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0100062 | AR | Adhesive | |
| 4 | 0630407 | 2 | Screw 1/4 x 5/8 | |
| 5 | 0641406 | 5 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641605 | 2 | Bolt 3/8 x 5/8 | |
| 8 | 0641608 | 8 | Bolt 3/8 x 1 | |
| 9 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 10 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 11 | 0641708 | 2 | Bolt 7/16 x 1 | |
| 12 | 0681608 | 1 | Bolt 3/8 x 1 | |
| 13 | 0681820 | 3 | Bolt 1/2 x 2-1/2 | |
| 14 | 0681822 | 1 | Bolt 1/2 x 2-3/4 | |
| 15 | 0700814 | 1 | Bolt M8 x 30 | |
| 16 | 0741605 | 2 | Screw 3/8 x 5/8 | |
| 17 | 0760605 | 2 | Bolt M6 x 10 | |
| 18 | 0760810 | 9 | Bolt M8 x 20 | |
| 19 | 0761015 | 2 | Bolt M10 x 35 | |
| 20 | 0761210 | 1 | Bolt M12 x 20 | |
| 21 | 0771212 | 6 | Bolt M12 x 25 | |
| 22 | 0771414 | 2 | Bolt M14 x 30 | |
| 23 | 0771415 | 3 | Bolt M14 x 35 | |
| 24 | 0940070 | 1 | Bumper | |
| 25 | 0961986 | 2 | Bushing | |
| 26 | 1703162 | 1 | Decal - Fan Blade | |
| 27 | 2220315 | 1 | Fitting, Straight Barbed | |
| 28 | 2720015 | 3 ft /1 m | Hose | |
| 29 | 2720340 | 1 ft /0.3 m | Hose | |
| 30 | 3200401 | 4 | Mount | |
| 31 | 3271801 | 4 | Nut 1/2 | |
| 32 | 3291005 | 2 | Nut M10 | |
| 33 | 3310401 | 3 | Nut #4 | |
| 34 | 3311405 | 8 | Nut 1/4 | |
| 35 | 3311505 | 2 | Nut 5/16 | |
| 36 | 3311605 | 17 | Nut 3/8 | |
| 37 | 3580320 | 1 | Pulley | |
| 38 | 3910408 | 3 | Screw #4 x 1/2 | |
| 39 | 3931432 | 1 | Capscrew 1/4 x 2 | |
| 40 | 3931512 | 4 | Capscrew 5/16 x 3/4 | |
| 41 | 3931628 | 4 | Capscrew 3/8 x 1-3/4 | |
| 42 | 4031914 | 4 | Capscrew M8 x 50 | |
| 43 | 4032014 | 4 | Capscrew M10 x 50 | |
| 44 | 4060805 | 2 ft /0.4 m | Shield | |
| 45 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 46 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 47 | 4640751 | 1 | Valve, Oil Drain | |
| 48 | 4711400 | 3 | Washer 1/4 | |
| 49 | 4711500 | 5 | Washer 5/16 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4711700 | 2 | Washer 7/16 | |
| 51 | 4750400 | 3 | Washer #4 | |
| 52 | 4751400 | 10 | Washer 1/4 | |
| 53 | 4751500 | 4 | Washer 5/16 | |
| 54 | 4751600 | 34 | Washer 3/8 | |
| 55 | 4811702 | 2 | Washer M6 | |
| 56 | 4811900 | 4 | Washer M8 | |
| 57 | 4811902 | 8 | Washer M8 | |
| 58 | 4812000 | 8 | Washer M10 | |
| 59 | 4812100 | 7 | Washer M12 | |
| 60 | 4812200 | 5 | Washer M14 | |
| 61 | 4891800 | 4 | Washer 1/2 | |
| 62 | 5240800 | 1 | Washer M8 | |
| 63 | 5250810 | 2 | Bolt M8 x 20 | |
| 64 | 8405007 | 2 | Clamp | |
| 65 | 8405009 | 4 | Clamp | |
| 66 | 8405104 | 4 | Clamp | |
| 67 | 8406102 | 1 | Clip | |
| 68 | 8406109 | 1 | Clip | |
| 69 | 8406110 | 1 | Clip | |
| 70 | 8410011 | 2 | Clamp | |
| 71 | 8410013 | 1 | Clamp | |
| 72 | 1001117308 | 1 | Relay | |
| 73 | 1001135138 | 1 | Adapter | |
| 74 | 1001135679 | 1 | Adapter | |
| 75 | 1001136834 | 1 | Cap | |
| 76 | 1001137276 | 1 | Fan | |
| 77 | 1001138173 | 1 | Support | |
| 78 | 1001138175 | 1 | Bracket | |
| 79 | 1001138228 | 1 | Relay, Power Module | |
| 79 | 70023593 | 1 | Fuse 30Amp | |
| 79 | 70023592 | 1 | Fuse 20Amp | |
| 80 | 1001138248 | 6 ft /2 m | Tube | |
| 81 | 1001138489 | 1 | Filter | |
| 82 | 1001138557 | 1 | Clamp | |
| 83 | 1001139240 | 1 | Bracket | |
| 84 | 1001139409 | 4 | Washer | |
| 85 | 1001140448 | 1 | Plate | |
| 86 | 1001140450 | 1 | Plate | |
| 87 | 1001140454 | 1 | Plate | |
| 88 | 1001141304 | 1 | Wire, Glow Fuse | |
| 89 | 1001141370 | 1 | Hose | |
| 90 | 1001141585 | 1 | Hose | |
| 91 | 1001141995 | 1 | Fitting, Straight NPT/Barbed | |
| 92 | 1001143390 | 1 | Indicator | |
| 93 | 1001143797 | 1 | Fitting, Straight Barbed | |
| 94 | 1001143907 | 1 | Cable, Alternator Power | |
| 95 | 1001145154 | 1 | Plate | |
| 96 | 1001152489 | 1 | Fitting, 90 Barbed | |
| 97 | 1001153282 | 1 | Pump Coupling Kit (See Separate Breakdown in this Section) | |
| 98 | 1001167042 | 1 | Radiator | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 99 | 1001169054 | 4 | Isolator | |
| 100 | 1001169138 | 4 | Pad | |
| 101 | 1001177359 | 1 | Hose | |
| 102 | 1001177844 | 1 | Hose, Radiator (Upper) | |
| 103 | 1001177845 | 1 | Hose, Radiator (Lower) | |
| 104 | 1001178223 | 2 | Bracket | |
| 105 | 1001178876 | 1 | Mount | |
| 106 | 1001180620 | AR | Adhesive | |
| 107 | 1001181899 | 1 | Clamp | |
| 108 | 1001186985 | 1 | Support | |
| 109 | 1001190610 | 1 | Support | |
| 110 | 1001202368 | 1 | Support | |
| 111 | 1001204325 | 2 | Bracket | |
| 112 | 1001230635 | 1 | Tank | |
| 112 | 0100020 | AR | Sealant | |
| 112 | 1001134488 | 1 | Fitting, 90 NPT/Barbed | |
| 112 | 1001138827 | 1 | Sensor, Coolant Level | |
| 112 | 1001140564 | 1 | Fitting, 90 NPT/Barbed | |
| 112 | 1001229542 | 1 | Tank | |
| 113 | 1001235949 | 1 | Bracket, Fuel Pump/Filter Assembly (Not Shown) (See Separate Breakdown in this Section) | |
| 114 | 1001260412 | 1 | Bracket | |
| 115 | 1001260413 | 1 | Bracket | |
| 116 | 1001266525 | 1 | Hose | |
| 117 | 1001267256 | 1 | Shim | |
| 118 | 1001276644 | 1 | Deutz Engine Harness (Not Shown) (See Separate Breakdown in ELECTICAL Section) | |
| 119 | 1001281985 | 1 | Connector (Not Shown) | |
| 120 | 1001281986 | 1 | Connector (Not Shown) | |
| 121 | 1001291401 | 1 | Tag, Coolant | |
| 122 | 1001301717 | 1 | Deutz TD2.9L4 EMR5 Engine (See Separate Breakdown in this Section) | |

**FIGURE 3-42. ENGINE COMPONENTS - DEUTZ D2.9L4 EMR5 ENGINE**



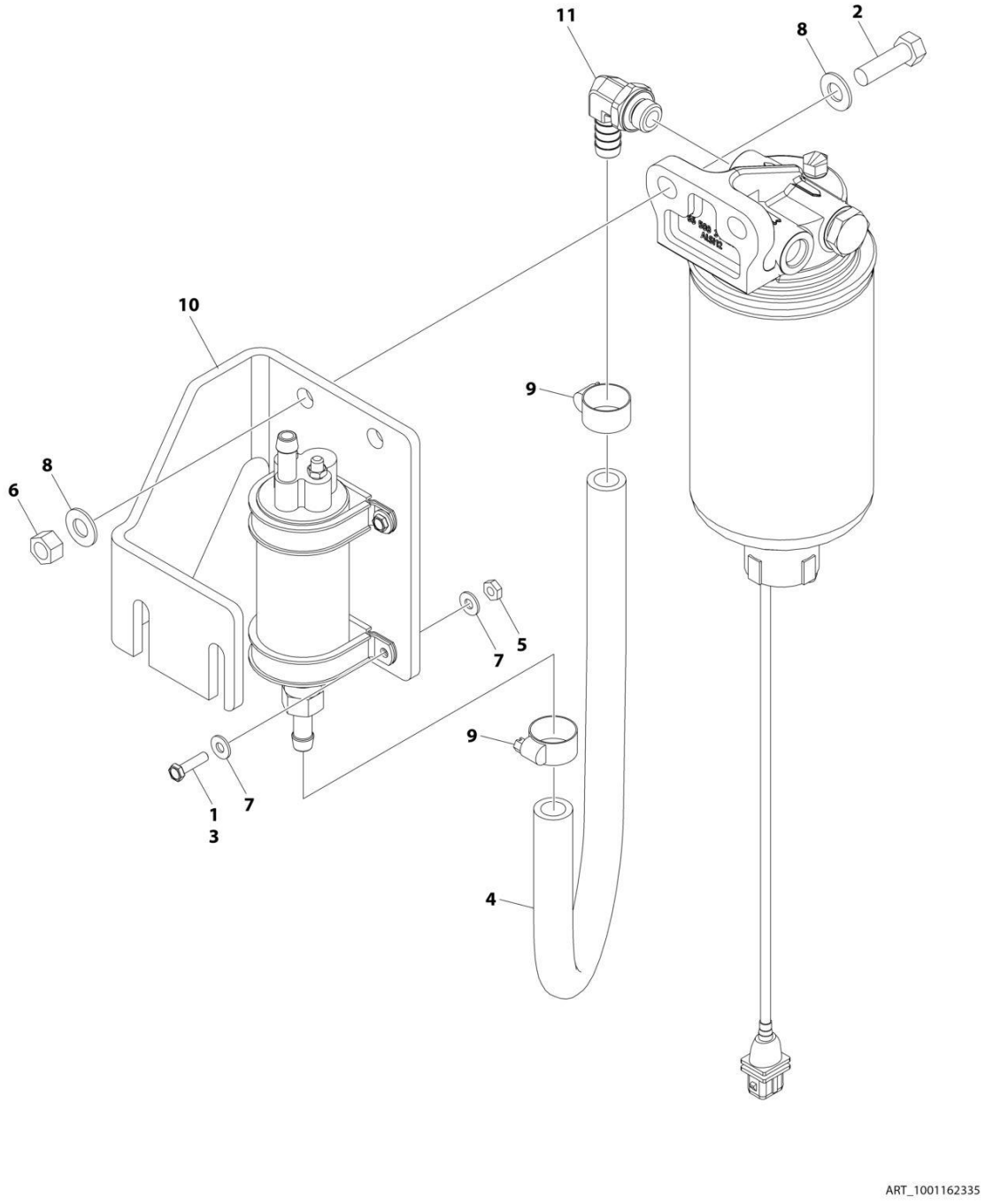

ART_1001301717

## FIGURE 3-42. ENGINE COMPONENTS - DEUTZ D2.9L4 EMR5 ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001301717 | Ref | DEUTZ ENGINE COMPONENTS | A |
| | See Note | Ref | Note: Additional components may be available. Contact JLG Customer Service for more details. | |
| | | Ref | **AIR INTAKE COMPONENTS** | |
| | | Ref | **COOLING SYSTEM COMPONENTS** | |
| | 70031474 | 1 | Cooler, Oil | |
| | 70031388 | 1 | Seal, Oil Cooler | |
| | 70030360 | 1 | Pump, Coolant (Includes Gasket & Sealing Rings) | |
| | 70031055 | 1 | O-Ring, Coolant Pump | |
| | 70007325 | 1 | Gasket | |
| | 7020492 | 1 | Seal | |
| | 70007603 | 1 | Thermostat | |
| | 70005184 | 1 | O-Ring, Thermostat | |
| | 70005931 | 1 | Gasket, Thermostat | |
| | 70025142 | 1 | Cover, Thermostat | |
| | | Ref | **ELECTRICAL SYSTEM COMPONENTS** | |
| | 70029512 | 1 | Module, ECU/ECM | |
| | 70024513 | 1 | Sensor, Fuel Filter | |
| | 70024504 | 2 | Sensor, Fuel Pressure (at Fuel Filter & Side of Block) (Includes Seal) | |
| | 70024920 | 2 | Seal | |
| | 70031144 | 1 | Starter | |
| | 70008435 | 1 | Generator (Includes Voltage Regulator) | |
| | 70031143 | 1 | Regulator, Voltage | |
| | 70025231 | 1 | Harness, Glow Plug (Not Shown) | |
| | | Ref | **Harness, Engine** | |
| | 70028540 | 1 | Sensor, Temperature (Includes O-Ring) (in Cylinder Head) | |
| | 70026210 | 2 | Sensor, Speed (Includes Seal) (Rear of Block & Front Cover) | |
| | 70024507 | 1 | Sensor, Pressure (Includes O-Ring) (Charge Manifold) | |
| | 70031475 | 1 | Sensor, Temperature (Includes O-Ring) (Charge Manifold) | |
| | 70000345 | 4 | Plug, Glow (Not Shown) | |
| | | Ref | **EXHAUST SYSTEM COMPONENTS** | |
| | 70025164 | 1 | Gasket, Exhaust Manifold to Head | |
| | 70025130 | 8 | Bolt, Exhaust Manifold | |
| | 70029557 | 1 | Gasket, Exhaust Recirculation Pipe to Exhaust Manifold (Upper) | |
| | 70007354 | 1 | Gasket, Exhaust Recirculation Pipe (Lower) | |
| | 70008434 | 1 | Valve, EGR | |
| | 70007326 | 1 | Gasket, EGR Vlave | |
| | 70007327 | 1 | Valve, Shuttle (EGR Module) | |
| | 70004276 | 1 | Turbocharger | |
| | 70025242 | 2 | Gasket (at Compensator) | |
| | 70004504 | 1 | Compensator | |
| | 70030097 | 1 | Clamp (Compensator Engine Side) | |
| | 70030099 | 1 | Clamp (Compensator Catalyst Side) | |
| | 70029520 | 2 | Gasket (on both ends of Catalyst) | |
| | 70029517 | 2 | Clamp (on both ends of Catalyst) | |
| | 70007355 | 1 | Muffler/Inlet | |
| | | Ref | **FUEL SYSTEM COMPONENTS** | |
| | 1001225430 | 1 | Filter, Fuel (Primary) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001225431 | 1 | Filter, Fuel (Secondary) | |
| | 70030381 | 1 | Pump, Injection/High Pressure (Includes Control Valves, Gasket & O-Rings) | |
| | 70025152 | 1 | O-Ring (Between Pump AND Spacer) | |
| | 70004505 | 1 | Valve, Overflow | |
| | 70004506 | 1 | O-Ring | |
| | 70004507 | 1 | O-Ring | |
| | 70004508 | 1 | Valve, Volume Control | |
| | 70004509 | 1 | O-Ring | |
| | 70004510 | 1 | Gasket | |
| | 70025181 | 4 | Injector, Fuel (Includes O-Ring) | |
| | 70025145 | 4 | O-Ring | |
| | 70008422 | 1 | Pump, Fuel Supply | |
| | 70025144 | 2 | Clamp | |
| | | Ref | **GASKETS & SEAL & KITS (Note: Some components listed with main component)** | |
| | 70005938 | 1 | Gasket Kit | |
| | 70024906 | 1 | Gasket, Head | |
| | 70005171 | 1 | Gasket, Valve Cover | |
| | 70002718 | 1 | Seal, Main (Rear) | |
| | 70008296 | 1 | Seal, Main (Front) | |
| | 70028185 | 1 | Gasket, Front Cover | |
| | 70005176 | 1 | O-Ring, Air Charge Pipe | |
| | 70005177 | 1 | Gasket, Air Charge Pipe | |
| | 70031095 | 2 | Gasket (EGR Module to Pipe & Pipe to Charge Manifold Elbow) | |
| | | Ref | **LUBRICATION SYSTEM COMPONENTS** | |
| | 7016331 | 1 | Filter, Oil | |
| | 70024904 | 1 | Dipstick (Includes Seal0 | |
| | 70024905 | 1 | Seal, Dipstick | |
| | 7020465 | 2 | Cap, Filler | |
| | 70005941 | 2 | Plug, Oil Drain | |
| | 70005942 | 2 | Ring, Oil Drain Plug Sealing | |
| | 70005172 | 1 | Pump, Oil Lube (Includes Gasket & O-Ring) | |
| | 70025135 | 1 | O-Ring | |
| | 70005173 | 1 | Gasket | |
| | | Ref | **MECHANICAL COMPONENTS** | |
| | 70001870 | 1 | Flywheel (Includes Ring Gear) | |
| | 7024579 | 1 | Gear, Ring | |
| | 70028699 | 1 | Tensioner, Belt (Generator) | |
| | 70027432 | 1 | Idler (Generator Belt) | |
| | 70004277 | 1 | Belt, Generator Drive | |

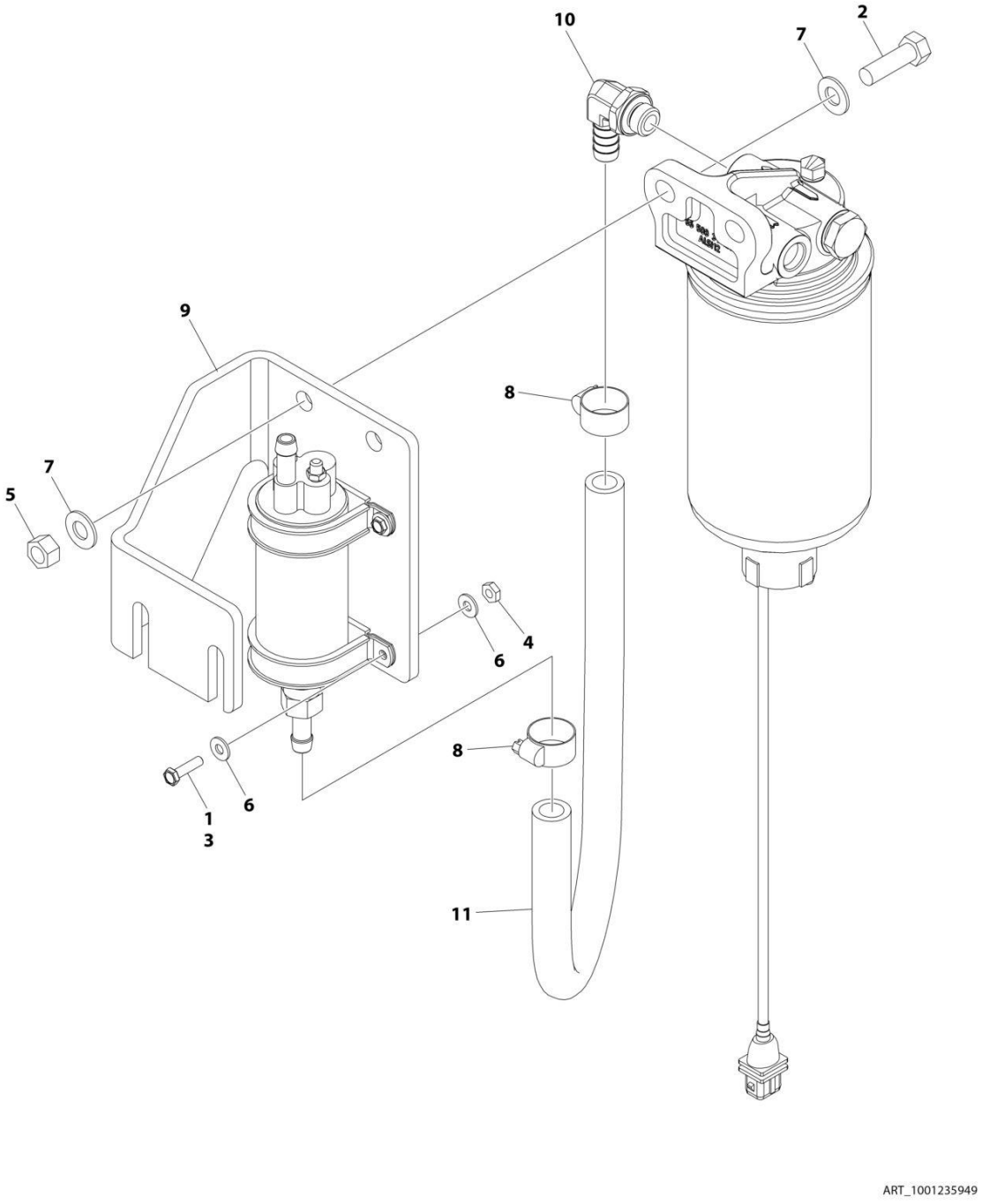
## FIGURE 3-43. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES)



## FIGURE 3-43. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001162335 | Ref | BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 ENGINE) | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641610 | 2 | Bolt 3/8 x 1-1/4 | |
| 3 | 0721006 | 4 | Bolt #10 x 3/4 | |
| 4 | 1001154405 | AR | Hose | |
| 5 | 3311001 | 4 | Nut #10 | |
| 6 | 3311605 | 2 | Nut 3/8 | |
| 7 | 4711000 | 8 | Washer #10 | |
| 8 | 4711600 | 4 | Washer 3/8 | |
| 9 | 8405006 | 2 | Clamp | |
| 10 | 1001141870 | 1 | Plate, Fuel Pump Mount | |
| 11 | 1001142501 | 1 | Fitting, Elbow Barbed | |

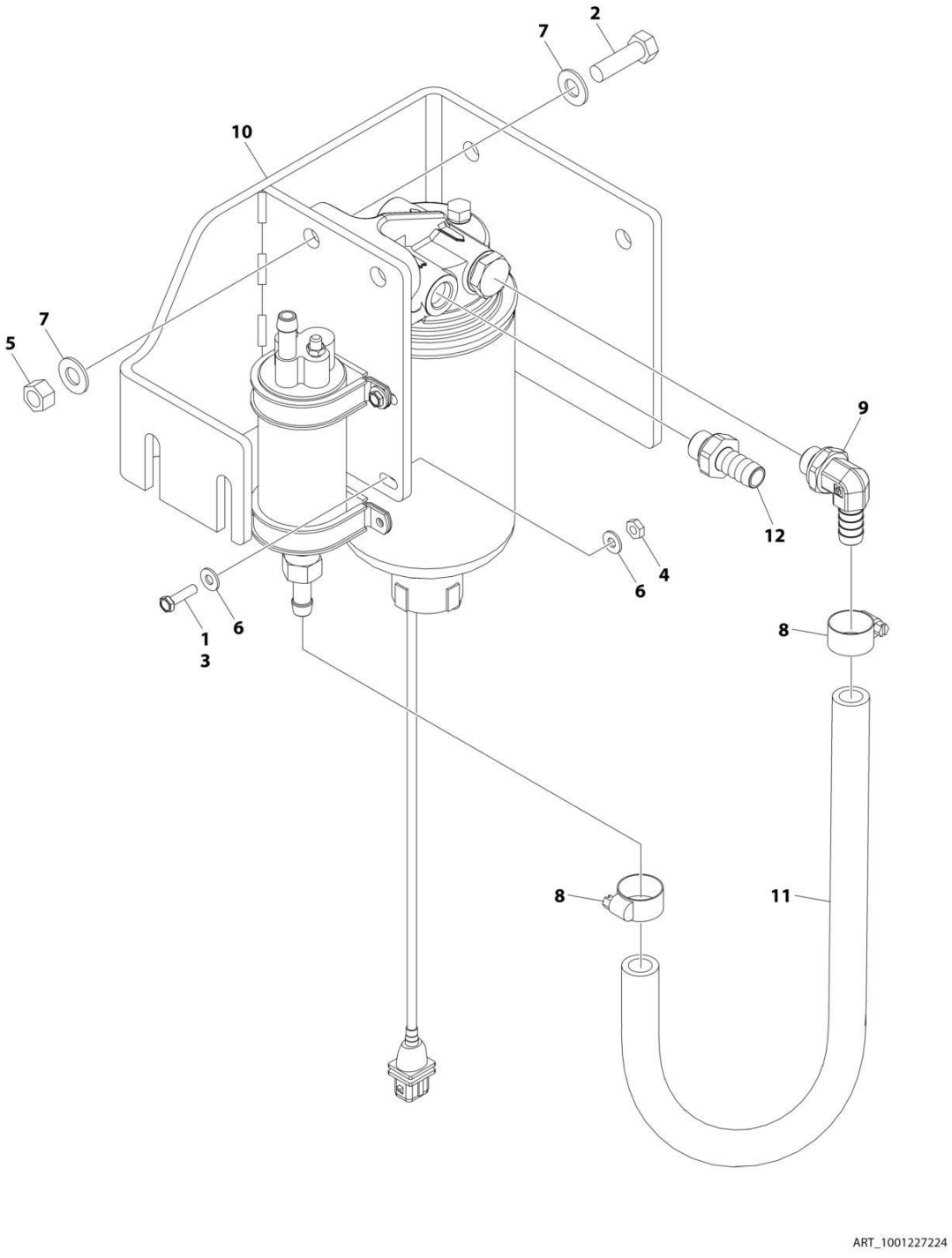
## FIGURE 3-44. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 (STAGE V) ENGINES)



## FIGURE 3-44. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 (STAGE V) ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001235949 | Ref | BRACKET ASSEMBLY - FUEL PUMP AND FILTER (DEUTZ D2.9L4 (STAGE V) ENGINE) | A |
| 1 | 0100035 | AR | Compound, Locking | |
| 2 | 0641610 | 2 | Bolt 3/8 x 1-1/4 | |
| 3 | 0721006 | 4 | Bolt #10 x 3/4 | |
| 4 | 3311001 | 4 | Nut #10 | |
| 5 | 3311605 | 2 | Nut 3/8 | |
| 6 | 4711000 | 8 | Washer #10 | |
| 7 | 4711600 | 4 | Washer 3/8 | |
| 8 | 8405006 | 2 | Clamp | |
| 9 | 1001141870 | 1 | Plate, Fuel Pump Mount | |
| 10 | 1001142501 | 1 | Fitting, Elbow Barbed | |
| 11 | 1001154405 | 1.5 ft /0.4m | Hose | |

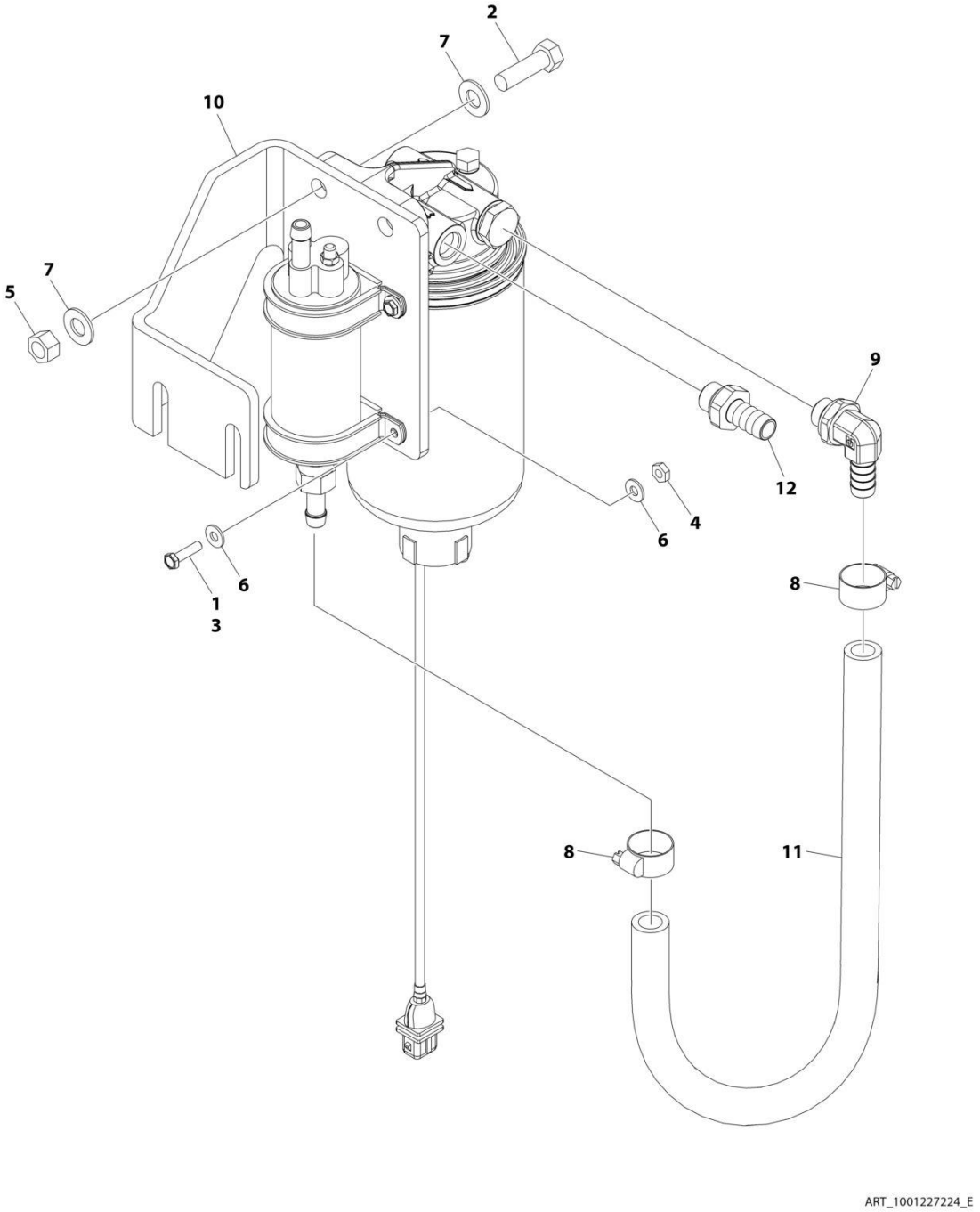
## FIGURE 3-45. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES) (CHINA III & CHINA IV ENGINES) (Prior to SN B300017849)



## FIGURE 3-45. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES) (CHINA III & CHINA IV ENGINES) (Prior to SN B300017849)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001227224 | Ref | BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER) | D |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0641610 | 2 | Bolt 3/8 x 1-1/4 | |
| 3 | 0721006 | 4 | Bolt #10 x 3/4 | |
| 4 | 3311001 | 4 | Nut #10 | |
| 5 | 3311605 | 2 | Nut 3/8 | |
| 6 | 4711000 | 8 | Washer #10 | |
| 7 | 4711600 | 4 | Washer 3/8 | |
| 8 | 8405006 | 2 | Clamp | |
| 9 | 1001142501 | 1 | Fitting, 90 Metric/Barbed | |
| 10 | 1001226285 | 1 | Plate, Fuel Pump Mount | |
| 11 | 1001154405 | AR | Hose | |
| 12 | 1001141718 | 1 | Fitting, Straight (Not Shown) | |

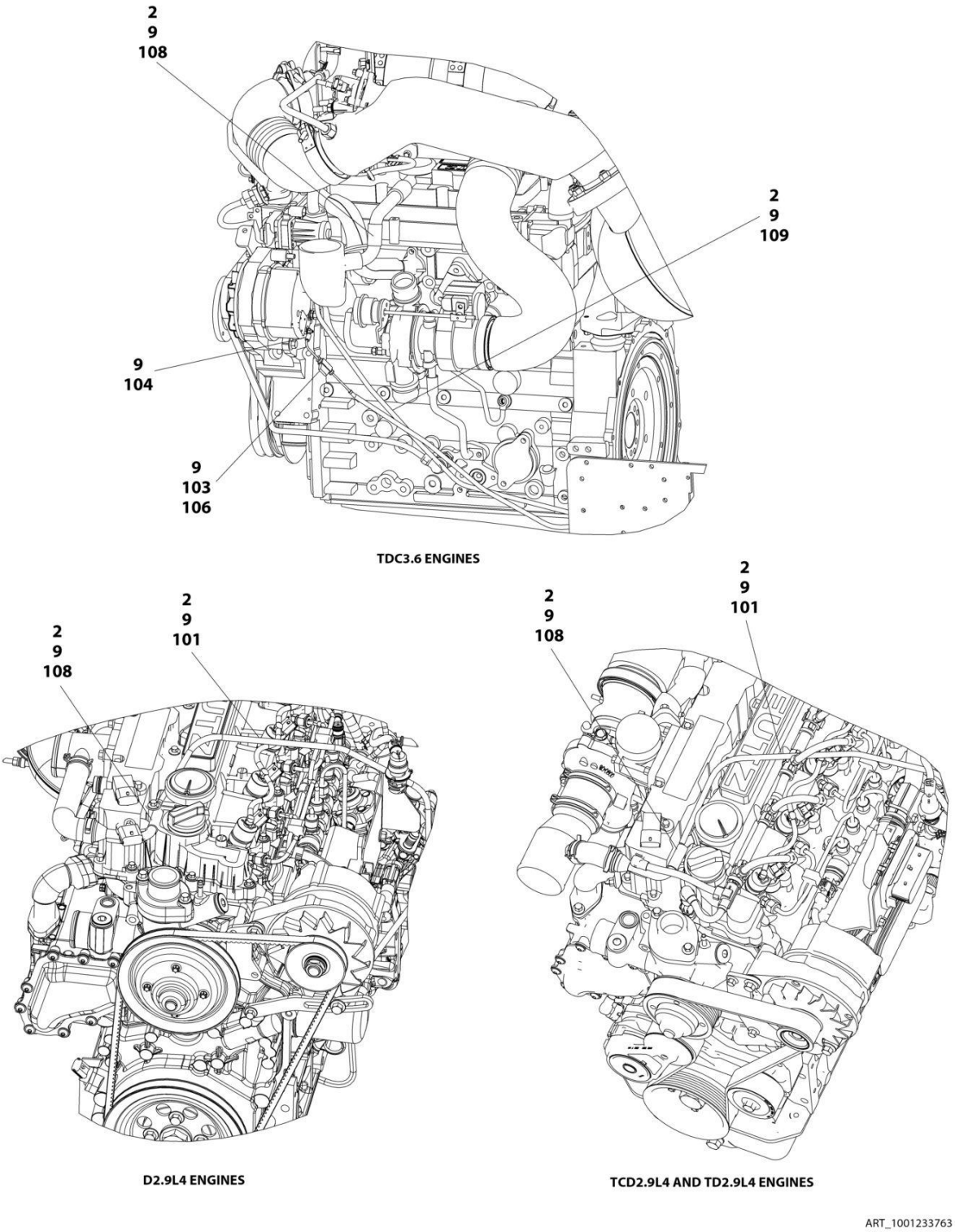
## FIGURE 3-46. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES) (CHINA III & CHINA IV ENGINES) (SN B300017849 to Present)



## FIGURE 3-46. FUEL PUMP/FILTER BRACKET ASSEMBLY (DEUTZ TD2.9L4 ENGINES) (CHINA III & CHINA IV ENGINES) (SN B300017849 to Present)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001227224 | Ref | BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER) | E |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0641610 | 2 | Bolt 3/8 x 1-1/4 | |
| 3 | 0721006 | 4 | Bolt #10 x 3/4 | |
| 4 | 3311001 | 4 | Nut #10 | |
| 5 | 3311605 | 2 | Nut 3/8 | |
| 6 | 4711000 | 8 | Washer #10 | |
| 7 | 4711600 | 4 | Washer 3/8 | |
| 8 | 8405006 | 2 | Clamp | |
| 9 | 1001142501 | 1 | Fitting, 90 Metric/Barbed | |
| 10 | 1001141870 | 1 | Plate, Fuel Pump Mount | |
| 11 | 1001154405 | AR | Hose | |
| 12 | 1001141718 | 1 | Fitting, Straight (Not Shown) | |

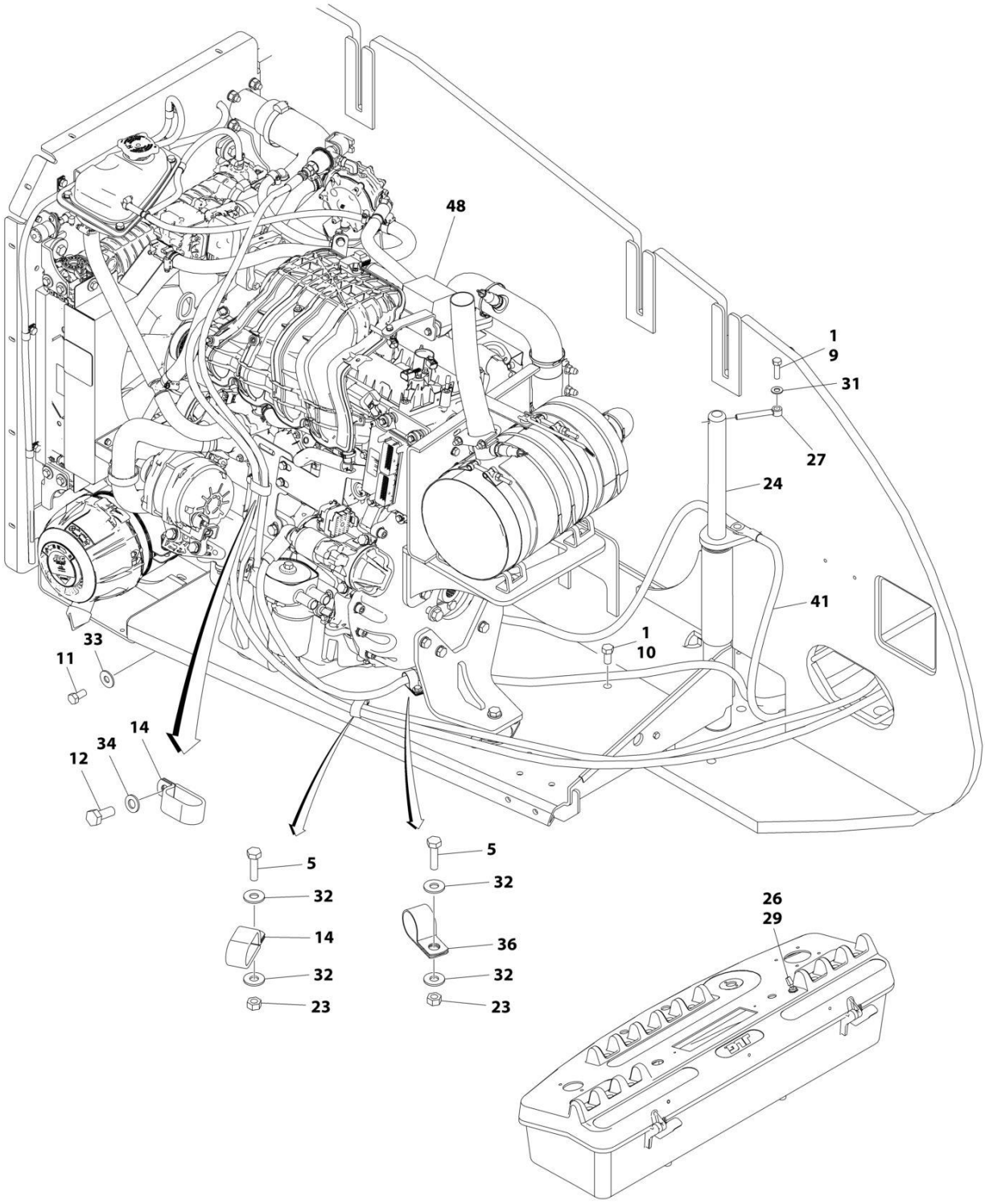
## FIGURE 3-47. BREATHER HEATER INST (DEUTZ TD2.9L4 ENGINES)

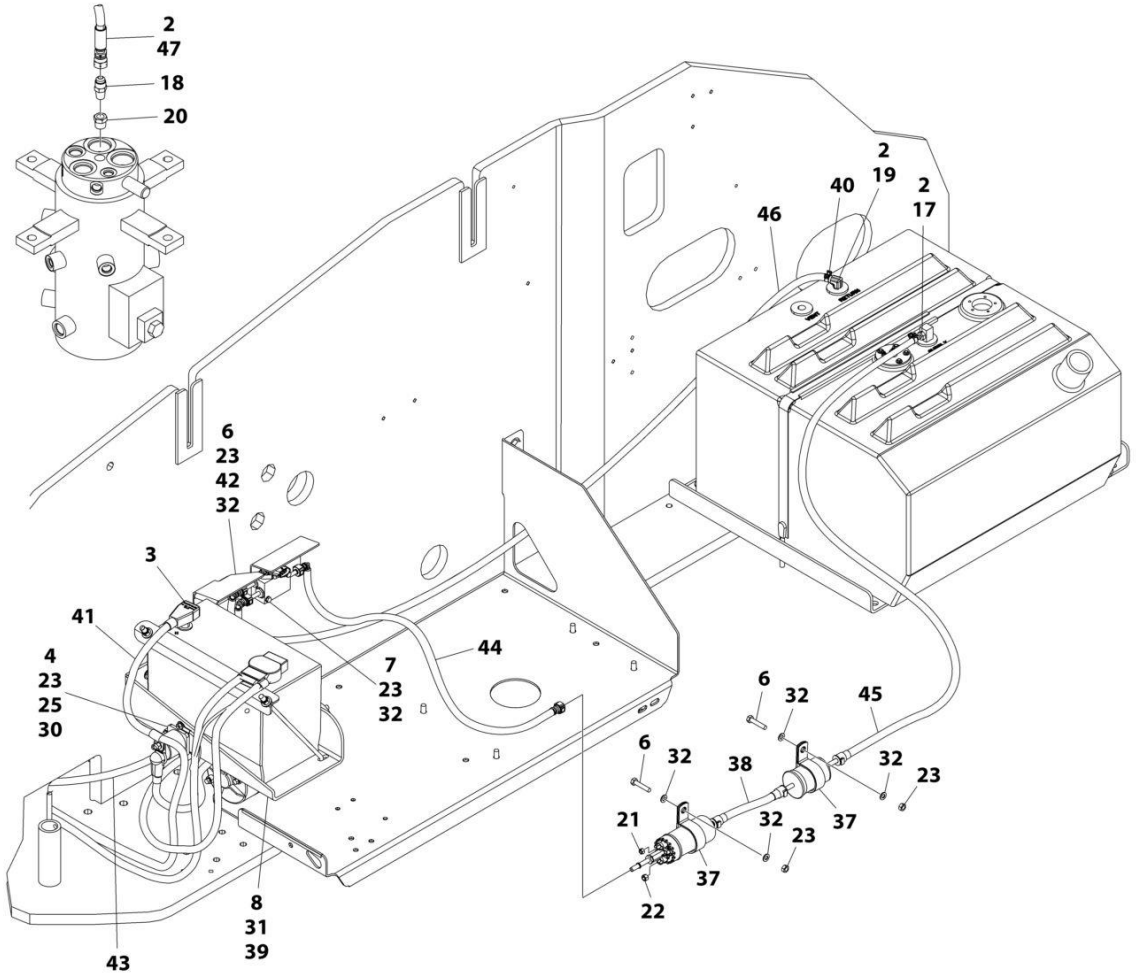


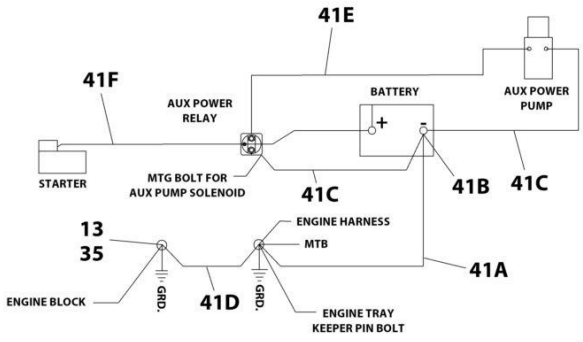
## FIGURE 3-47. BREATHER HEATER INST (DEUTZ TD2.9L4 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001233763 | Ref | BREATHER HEATER INSTALLATION - DEUTZ ENGINES | D |
| 2 | 4240099 | AR | Tie-Strap | |
| 9 | 1001243895 | 1 | Breather Heater Harness | C |
| 101 | 2820035 | AR | Insulation | |
| 103 | 2400060 | 1 | Fuseholder with Cover | |
| 104 | 4460043 | 1 | Terminal, Ring | |
| 105 | 4460722 | 1 | Terminal, Ring (Not Shown) | |
| 106 | 1001196634 | 1 | Fuse - 2 Amp | |
| 108 | 1001232842 | 1 | Breather Heater Kit | |

## FIGURE 3-48. FORD ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)






BATTERY CABLE KIT - ITEM 41

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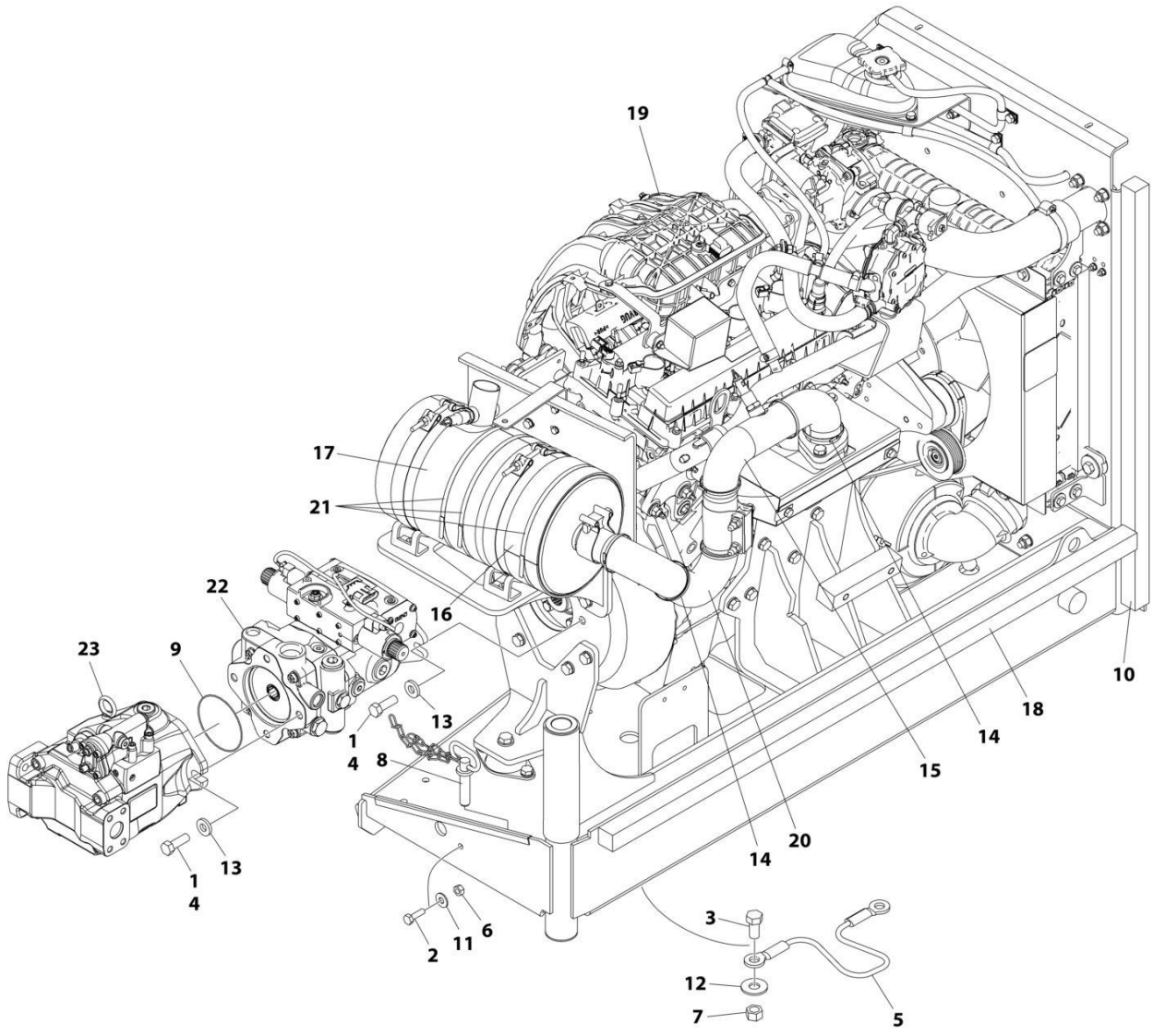
## FIGURE 3-48. FORD ENGINE INSTALLATION (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285038 | Ref | FORD ENGINE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant | |
| 3 | 0100048 | AR | Grease, Terminal | |
| 4 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 5 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 6 | 0641412 | 4 | Bolt 1/4 x 1-1/2 | |
| 7 | 0641420 | 2 | Bolt 1/4 x 2-1/2 | |
| 8 | 0641607 | 3 | Bolt 3/8 x 7/8 | |
| 9 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 10 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 11 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 12 | 0760810 | 1 | Bolt M8 x 20 | |
| 13 | 0761008 | 1 | Bolt M10 x 16 | |
| 14 | 1321283 | 2 | Clamp | |
| 15 | 1701542 | 1 | Decal - Gas (Not Shown) | |
| 16 | 1701543 | AR | Decal - LPG (Not Shown) | |
| 17 | 2180348 | 1 | Fitting, Straight NPT/Barbed | |
| 18 | 2180418 | 1 | Fitting, Straight | |
| 19 | 2221176 | 1 | Fitting, 90 | |
| 20 | 2221197 | 1 | Fitting, Straight NPT | |
| 21 | 3290405 | 1 | Nut M4 | |
| 22 | 3290505 | 1 | Nut M5 | |
| 23 | 3311405 | 10 | Nut 1/4 | |
| 24 | 3422446 | 1 | Pin | |
| 25 | 3740067 | 1 | Relay | |
| 26 | 3790012 | 1 | O-Ring (Not Shown - Located on Platform Console Box) | |
| 27 | 3841143 | 1 | Keeper, Pin | |
| 28 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 29 | 4360336 | 1 | Switch, Toggle (Not Shown - Located on Platform Console Box) | |
| 30 | 4711400 | 4 | Washer 1/4 | |
| 31 | 4711600 | 4 | Washer 3/8 | |
| 32 | 4751400 | 16 | Washer 1/4 | |
| 33 | 4752000 | 1 | Washer 5/8 | |
| 34 | 4811900 | 1 | Washer M8 | |
| 35 | 4812000 | 1 | Washer M10 | |
| 36 | 8406201 | 1 | Clip | |
| 37 | 85941018 | 2 | Clamp | |
| 38 | 1001156823 | 1 | Hose | |
| 39 | 1001162497 | 1 | Bracket, Battery | |
| 40 | 1001174486 | 2 | Clamp | |
| 41 | 1001216568 | 1 | Battery Cable Kit | |
| 41A | 7027084 | 1 | Cable, Battery - Ground to Battery - | |
| 41B | 8270147 | 1 | Terminal, Battery with Boot | |
| 41C | 7027085 | 1 | Cable, Battery - Auxiliary Pump/Relay to Battery - | |
| 49D | 7027086 | 1 | Cable, Battery - Engine to Ground | |
| 41E | 7027088 | 1 | Cable, Battery - Auxiliary Relay to Auxililary Pump | |
| 41F | 70009020 | 1 | Cable, Battery - Starter/Auxiliary Relay to Battery + | |
| 42 | 1001219370 | 1 | Bracket | |
| 43 | 1001219634 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 44 | 1001219636 | 1 | Hose | |
| 45 | 1001219637 | 1 | Hose | |
| 46 | 1001219638 | 1 | Hose | |
| 47 | 1001219639 | 1 | Hose | |
| 48 | 1001285037 | Ref | Ford Engine and Pump Sub-Assembly (See Separate Breakdown in this Section) | |

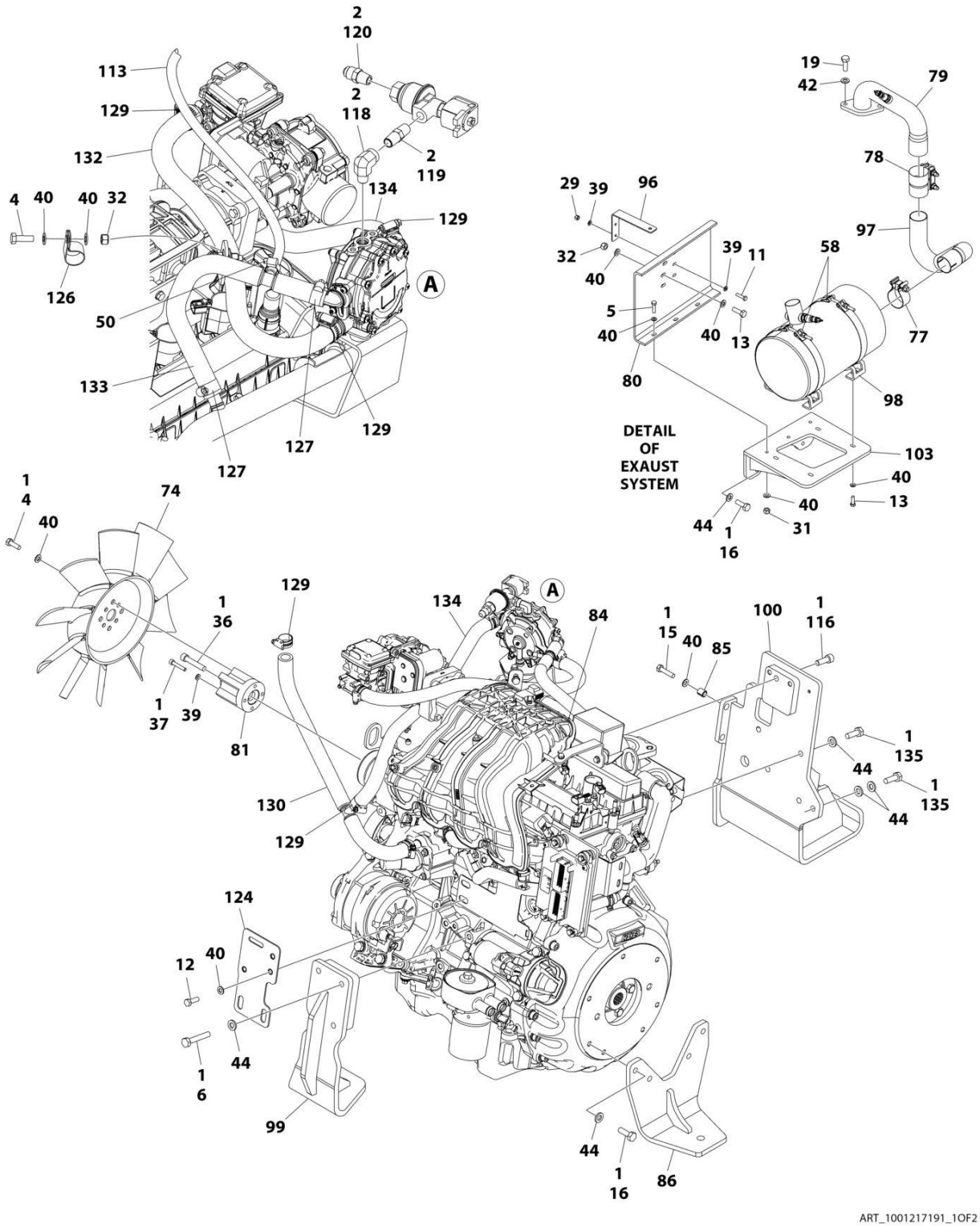
## FIGURE 3-49. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)

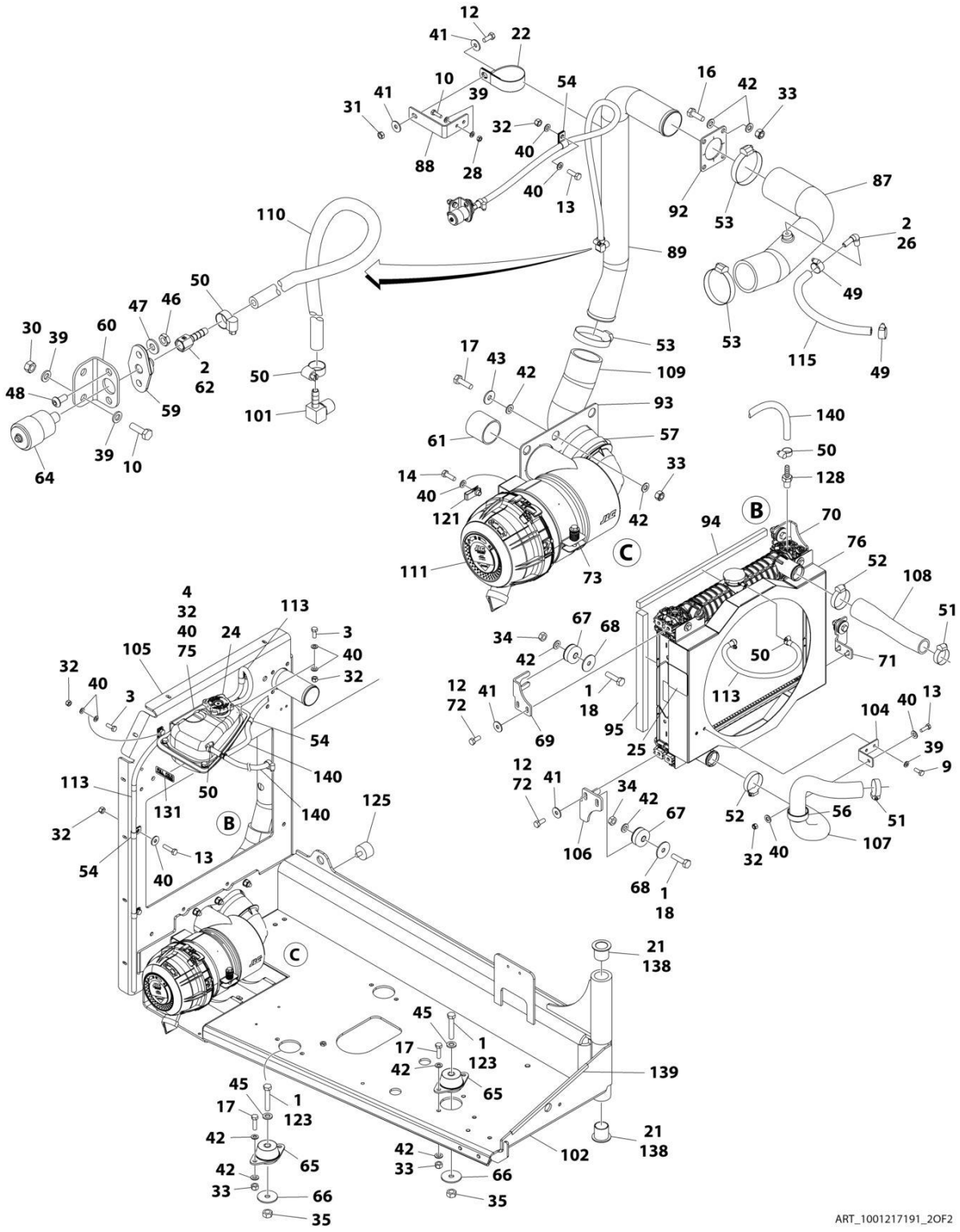


## FIGURE 3-49. FORD ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285037 | Ref | FORD ENGINE AND PUMP SUB-ASSEMBLY (WITHOUT ARCTIC PACKAGE) | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641407 | 1 | Bolt 1/4 x 7/8 | |
| 3 | 0641808 | 1 | Bolt 1/2 x 1 | |
| 4 | 0641812 | 4 | Bolt 1/2 x 1-1/2 | |
| 5 | 1060637 | 1 | Cable, Lanyard | |
| 6 | 3311405 | 1 | Nut 1/4 | |
| 7 | 3311805 | 1 | Nut 1/2 | |
| 8 | 3422532 | 1 | Pin | |
| 9 | 3790044 | 1 | O-Ring | |
| 10 | 3960469 | 1 | Seal | |
| 11 | 4751400 | 1 | Washer 1/4 | |
| 12 | 4751800 | 1 | Washer 1/2 | |
| 13 | 4891800 | 4 | Washer 1/2 | |
| 14 | 1001100825 | 6 | Strap | |
| 15 | 1001216532 | 1 | Insulate, Exhaust Pipe | |
| 16 | 1001216534 | 1 | Insulate, Muffler | |
| 17 | 1001216535 | 1 | Insulate, Muffler | |
| 18 | 1001217170 | 1 | Seal | |
| 19 | 1001217191 | 1 | Ford Engine Assembly without Arctic Package (See Separate Breakdown in this Section) | |
| 20 | 1001218085 | 1 | Insulate, Exhaust Pipe | |
| 21 | 1001221464 | 3 | Strap | |
| 22 | 1001225745 | 1 | Hydrostatic Pump Assembly (See Separate Breakdown in this Section) | |
| 23 | 1001276377 | 1 | Variable Pump Assembly (See Separate Breakdown in this Section) | |

## FIGURE 3-50. FORD ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)




ART_1001217191_2OF2

## FIGURE 3-50. FORD ENGINE ASSEMBLY (WITHOUT ARCTIC PACKAGE)

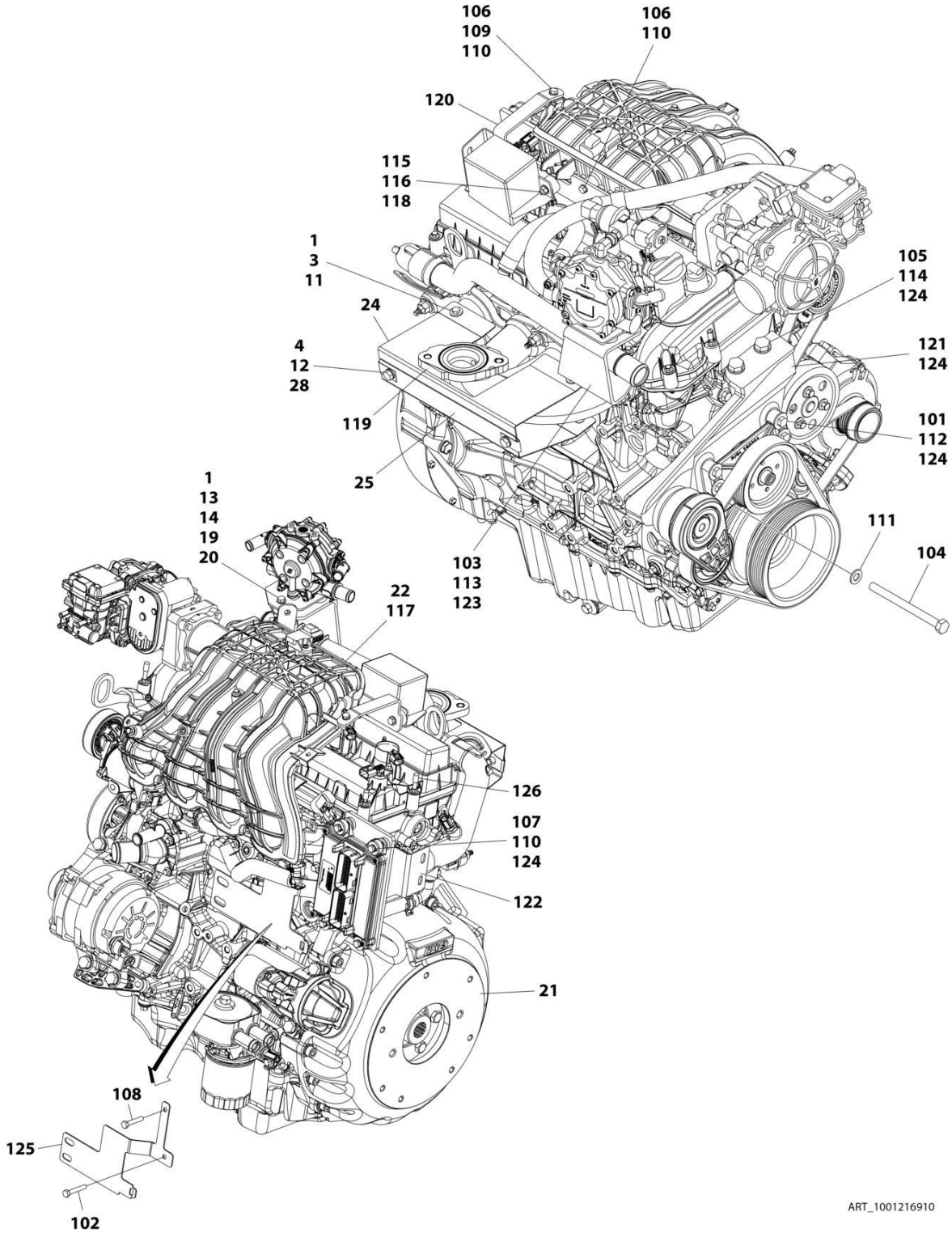
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217191 | Ref | FORD ENGINE ASSEMBLY | S |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant | |
| 3 | 0700810 | 3 | Bolt 8 x 20 | |
| 4 | 0700812 | 7 | Bolt 8 x 25 | |
| 5 | 0700814 | 3 | Bolt 8 x 30 | |
| 6 | 0711020 | 3 | Bolt M10 x 60 | |
| 9 | 0760608 | 2 | Bolt 6 x 16 | |
| 10 | 0760610 | 4 | Bolt M6 x 20 | |
| 11 | 0760612 | 2 | Bolt 6 x 25 | |
| 12 | 0760810 | 11 | Bolt M8 x 20 | |
| 13 | 0760812 | 12 | Bolt M8 x 25 | |
| 14 | 0760814 | 2 | Bolt M8 x 30 | |
| 15 | 0760815 | 2 | Bolt M8 x 35 | |
| 16 | 0761014 | 11 | Bolt M10 x 30 | |
| 17 | 0761015 | 12 | Bolt M10 x 35 | |
| 18 | 0761016 | 4 | Bolt M10 x 40 | |
| 19 | 0771014 | 2 | Bolt 10 x 30 | |
| 21 | 0961986 | 2 | Bearing, Flange | |
| 22 | 1320110 | 1 | Clamp | |
| 23 | 1001187781 | 1 | Tie-Strap (Not Shown) | |
| 24 | 1001223584 | 1 | Tank, Surge | |
| 25 | 1703162 | 2 | Decal - Fan Blade | |
| 26 | 2180467 | 1 | Fitting, Straight NPT/Barb | |
| 28 | 3290601 | 2 | Nut M6 | |
| 29 | 3290605 | 2 | Nut M6 | |
| 30 | 3290607 | 2 | Nut M6 | |
| 31 | 3290801 | 4 | Nut M8 | |
| 32 | 3290805 | 14 | Nut M8 | |
| 33 | 3291005 | 16 | Nut M10 | |
| 34 | 3291001 | 4 | Nut M10 | |
| 35 | 3291201 | 3 | Nut M12 | |
| 36 | 3931644 | 1 | Screw 3/8 x 2-3/4 | |
| 37 | 4031711 | 4 | Capscrew M6 x 35 | |
| 38 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 39 | 4811700 | 18 | Washer M6 | |
| 40 | 4811900 | 48 | Washer M8 | |
| 41 | 4811902 | 10 | Washer M8 | |
| 42 | 4812000 | 38 | Washer M10 | |
| 43 | 4812002 | 6 | Washer M10 | |
| 44 | 5241000 | 15 | Washer M10 | |
| 45 | 5241200 | 3 | Washer M12 | |
| 46 | 8305401 | 2 | Nut Jam | |
| 47 | 8307109 | 2 | Washer | |
| 48 | 8310548 | 2 | Screw 1/4 x 1/2 | |
| 49 | 8405006 | 2 | Clamp | |
| 50 | 8405009 | 5 | Gear | |
| 51 | 8405102 | 2 | Clamp | |
| 52 | 8405104 | 2 | Clamp | |
| 53 | 8405203 | 3 | Clamp | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 54 | 8406109 | 6 | Clip | |
| 56 | 8410001 | 1 | Clamp | |
| 57 | 8410011 | 1 | Clamp | |
| 58 | 1001128901 | 2 | Strap | |
| 59 | 1001138173 | 1 | Support | |
| 60 | 1001138175 | 1 | Bracket | |
| 61 | 1001141585 | 1 | Hose | |
| 62 | 1001141995 | 2 | Fitting, Straight NPT/Barbed | |
| 64 | 1001149639 | 1 | Indicator, Restriction | |
| 65 | 1001191610 | 3 | Mount, Motor | |
| 66 | 1001168018 | 3 | Washer | |
| 67 | 1001169054 | 4 | Isolator | |
| 68 | 1001169138 | 4 | Pad, Snubbing | |
| 69 | 1001169967 | 1 | Bracket | |
| 70 | 1001170035 | 1 | Bracket | |
| 71 | 1001176329 | 1 | Bracket | |
| 72 | 1001180620 | AR | Adhesive | |
| 73 | 1001186426 | 1 | Clamp | |
| 74 | 1001223042 | 1 | Fan | |
| 75 | 1001225442 | 1 | Bracket | |
| 76 | 1001223923 | 1 | Radiator | |
| 77 | 1001215681 | 1 | Clamp | |
| 78 | 1001215974 | 1 | Clamp | |
| 79 | 1001216075 | 1 | Pipe, Exhaust | |
| 80 | 1001216092 | 1 | Shield, Heat | |
| 81 | 1001216201 | 1 | Adapter | |
| 84 | 1001216910 | 1 | Ford Engine Prep Assembly (See Separate Breakdown in this Section) | |
| 85 | 1001216919 | 2 | Sleeve | |
| 86 | 1001290252 | 1 | Mount, Engine Rear | |
| 87 | 1001217032 | 1 | Tube | |
| 88 | 1001217046 | 1 | Bracket | |
| 89 | 1001217090 | 1 | Tube | |
| 92 | 1001217174 | 1 | Seal | |
| 93 | 1001217175 | 1 | Seal | |
| 94 | 1001217183 | 2 | Seal | |
| 95 | 1001217185 | 2 | Seal | |
| 96 | 1001217186 | 1 | Support | |
| 97 | 1001217317 | 1 | Pipe | |
| 98 | 1001217543 | 2 | Mount | |
| 99 | 1001218362 | 1 | Mount | |
| 100 | 1001218449 | 1 | Bracket | |
| 101 | 1001134488 | 1 | Fitting | |
| 102 | 1001219259 | 1 | Support | |
| 103 | 1001219345 | 1 | Muffler | |
| 104 | 1001219361 | 1 | Support | |
| 105 | 1001219363 | 1 | Plate | |
| 106 | 1001219480 | 1 | Bracket | |
| 107 | 1001219611 | 1 | Hose | |
| 108 | 1001219612 | 1 | Hose | |
| 109 | 1001219613 | 1 | Tube | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 110 | 1001138248 | 31 in/ 77cm | Tube | |
| 111 | 1001189979 | 1 | Air Filter Assembly | |
| 111 | 70005008 | 1 | Element, Filter - Primary | |
| 111 | 70006460 | 1 | Element, Filter -Secondary | |
| 111 | 8273291 | 1 | Valve, Dust Evacuator | |
| 111 | 70006461 | 1 | Cover | |
| 113 | 2720058 | 55 in/ 1.5m | Hose | |
| 115 | 1001165035 | 10 26cm | Hose | |
| 116 | 5272010 | 1 | Bolt M10 x 30 | |
| 118 | 1001247359 | 1 | Fitting, 90 FSNPSM/NPTF | |
| 119 | 2220261 | 1 | Fitting | |
| 120 | 2180418 | 1 | Fitting | |
| 121 | 1001221615 | 2 | Nut M8 | |
| 123 | 0711223 | 3 | Bolt 12 x 75 | |
| 124 | 1001222033 | 1 | Plate | |
| 125 | 0940070 | 1 | Bumper | |
| 126 | 8406201 | 1 | Clip | |
| 127 | 8410009 | 2 | Gear Clamp | |
| 128 | 2180348 | 1 | Fitting | |
| 129 | 1001173535 | 6 | Clamp | |
| 130 | 1001224489 | 1 | Hose | |
| 131 | 1001225510 | 1 | Decal | |
| 132 | 1001216531 | 1 | Hose | |
| 133 | 1001227666 | 1 | Hose | |
| 134 | 1001224486 | 1 | Hose | |
| 135 | 0711014 | 5 | Bolt 10 x 30 | |
| 138 | 0100062 | AR | Compound Locking | |
| 139 | 4060805 | 16 in/ 41cm | Shield | |
| 140 | 1001227667 | 1 | Hose | |
| 141 | 1001303818 | 1 | Washer M10 | |

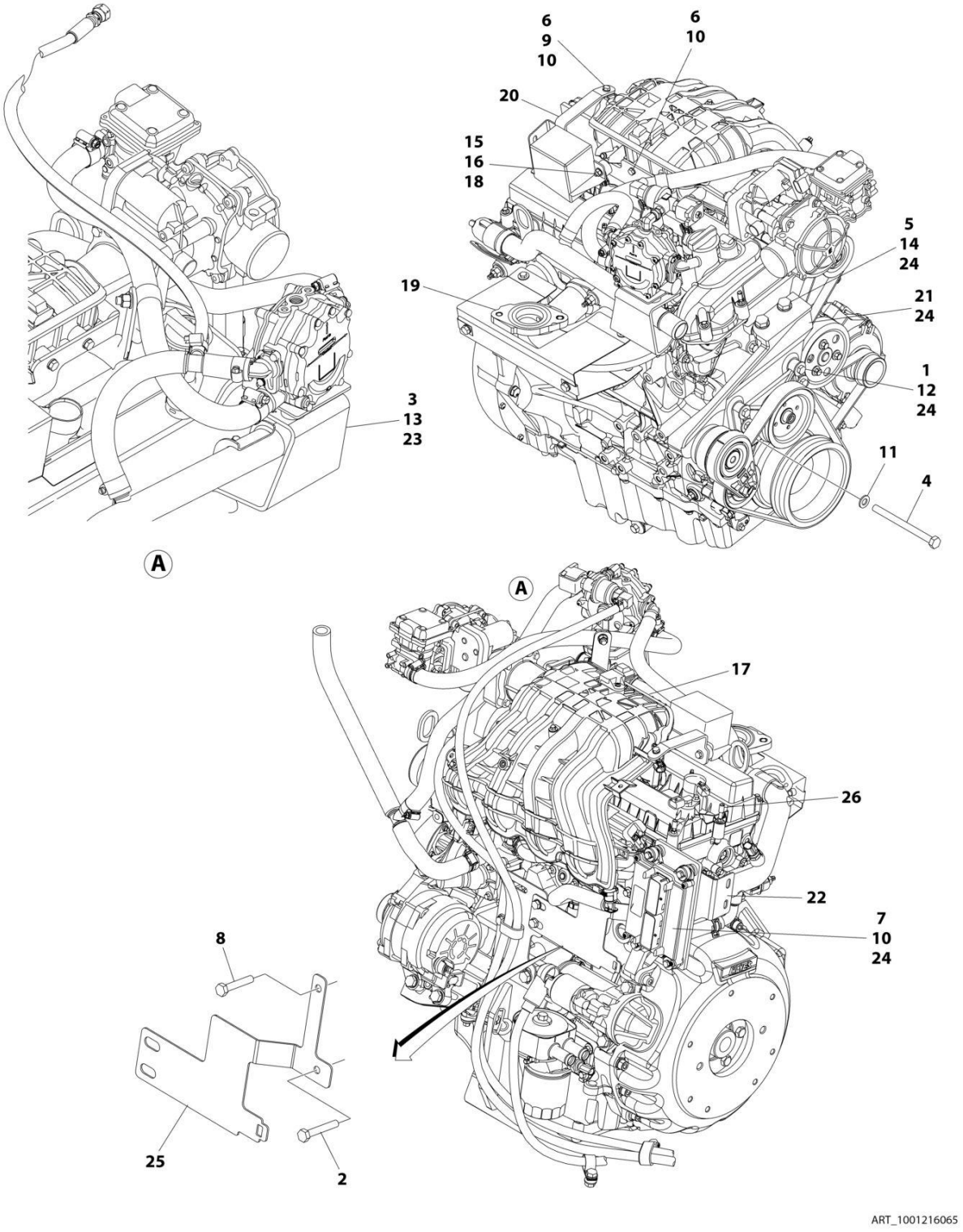
## FIGURE 3-51. FORD ENGINE PREP ASSEMBLY



## FIGURE 3-51. FORD ENGINE PREP ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216910 | Ref | FORD ENGINE PREP ASSEMBLY | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 3 | 0760605 | 4 | Bolt M6 x 10 | |
| 4 | 0760807 | 2 | Bolt M8 x 14 | |
| 11 | 4811702 | 4 | Washer M6 | |
| 12 | 4811900 | 2 | Washer M8 | |
| 13 | 5250605 | 3 | Bolt M6 x 10 | |
| 14 | 5260600 | 1 | Nut M6 Class 10 | |
| 19 | 1001211794 | 3 | Mount, Isolator | |
| 20 | 1001227769 | 1 | Plate | |
| 21 | 1001213810 | 1 | Pump Coupling Kit | |
| 21 | 70006134 | 1 | Coupling | |
| 21 | 70006135 | 1 | Housing | |
| 21 | 70006136 | 1 | Hardware Kit | |
| 22 | 1001216065 | 1 | Ford Engine Assembly (See Items 101-126 for Breakdown) | |
| 24 | 1001216768 | 1 | Bracket | |
| 25 | 1001216769 | 1 | Bracket | |
| 28 | 1001149160 | 2 | Nut, Tinnerman M8 | |
| | 1001216065 | Ref | FORD ENGINE PREP ASSEMBLY - BRACKETS/EXHAUST MANIFOLD | M |
| 101 | 0700816 | 4 | Bolt M8 x 40 | |
| 102 | 0700818 | 1 | Bolt M8 x 50 | |
| 103 | 0701014 | 2 | Bolt M10 x 30 | |
| 104 | 0710827 | 1 | Bolt M8 x 100 Grade 10.9 | |
| 105 | 0711216 | 2 | Bolt M12 x 40 | |
| 106 | 0760610 | 3 | Bolt M6 x 20 | |
| 107 | 0760615 | 4 | Bolt M6 x 35 | |
| 108 | 0760817 | 1 | Bolt M8 x 45 | |
| 109 | 3290601 | 1 | Nut M6 | |
| 110 | 4811700 | 8 | Washer M6 | |
| 111 | 4811900 | 1 | Washer M8 | |
| 112 | 4811902 | 4 | Washer M8 | |
| 113 | 4812000 | 1 | Washer M10 | |
| 114 | 4812100 | 2 | Washer M12 | |
| 115 | 5250605 | 2 | Bolt M6 x 10 | |
| 116 | 5260600 | 2 | Nut M6 Class 10 | |
| 117 | 1001210448 | 1 | Engine, Ford 2.5L (See Separate Breakdown in this Section) | |
| 118 | 1001211794 | 2 | Mount | |
| 119 | 1001214827 | 1 | Manifold, Exhaust | |
| 120 | 1001215384 | 1 | Bracket | |
| 121 | 1001216071 | 1 | Bracket | |
| 122 | 1001216144 | 1 | Support, Muffler | |
| 123 | 1001227772 | 1 | Mount, Vaporizer | |
| 124 | 0100011 | AR | Compound, Locking | |
| 125 | 1001221545 | 1 | Plate | |
| 126 | 1001222641 | 6 | Cap | |

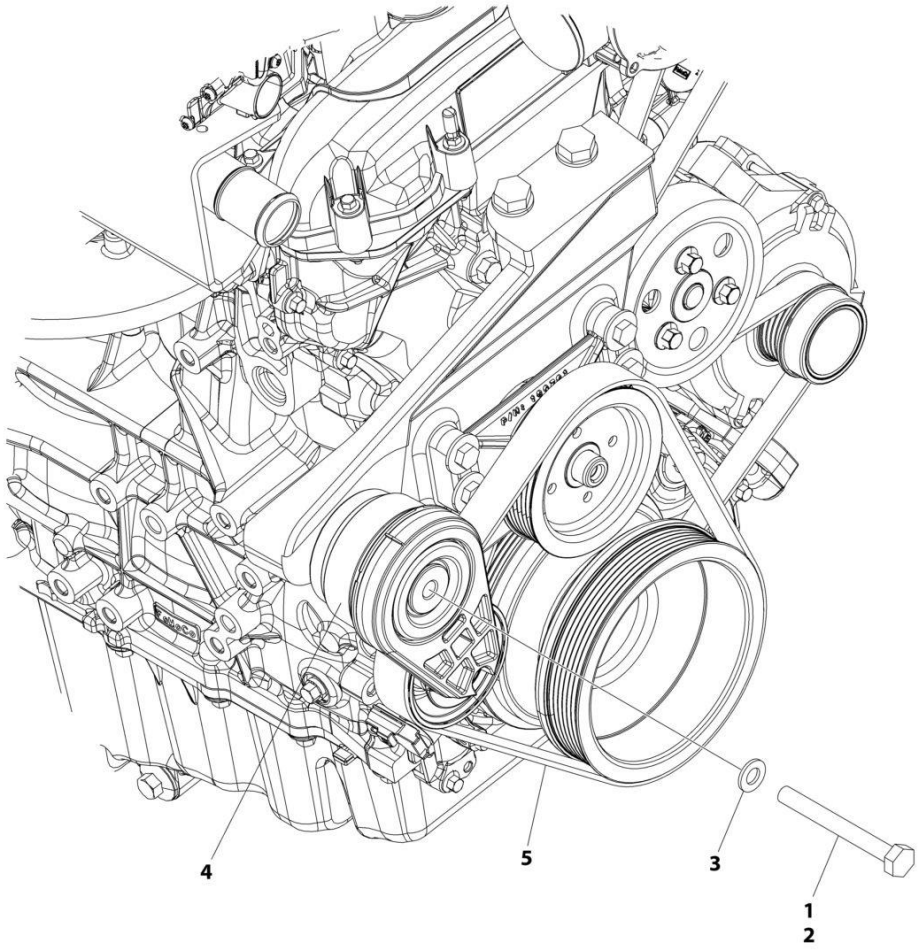
## FIGURE 3-52. FORD ENGINE BRACKETS AND EXHAUST MANIFOLD INSTALLATION



## FIGURE 3-52. FORD ENGINE BRACKETS AND EXHAUST MANIFOLD INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216065 | Ref | FORD ENGINE ASSEMBLY - BRACKETS/EXHAUST MANIFOLD | N |
| 1 | 0700816 | 4 | Bolt M8 x 40 | |
| 2 | 0700818 | 1 | Bolt M8 x 50 | |
| 3 | 0701014 | 2 | Bolt M10 x 30 | |
| 4 | 0710827 | 1 | Bolt M8 x 100 Grade 10.9 | |
| 5 | 0711216 | 2 | Bolt M12 x 40 | |
| 6 | 0760610 | 3 | Bolt M6 x 20 | |
| 7 | 0760615 | 4 | Bolt M6 x 35 | |
| 8 | 0760817 | 1 | Bolt M8 x 45 | |
| 9 | 3290601 | 1 | Nut M6 | |
| 10 | 4811700 | 8 | Washer M6 | |
| 11 | 4811900 | 1 | Washer M8 | |
| 12 | 4811902 | 4 | Washer M8 | |
| 13 | 4812000 | 1 | Washer M10 | |
| 14 | 4812100 | 2 | Washer M12 | |
| 15 | 5250605 | 2 | Bolt M6 x 10 | |
| 16 | 5260600 | 2 | Nut M6 Class 10 | |
| 17 | 1001210448 | 1 | Engine, Ford 2.5L (See Separate Breakdown in this Section) | |
| 18 | 1001211794 | 2 | Mount | |
| 19 | 1001214827 | 1 | Manifold, Exhaust | |
| 20 | 1001215384 | 1 | Bracket | |
| 21 | 1001216071 | 1 | Bracket | |
| 22 | 1001216144 | 1 | Support, Muffler | |
| 23 | 1001227772 | 1 | Mount, Vaporizer | |
| 24 | 0100011 | AR | Compound, Locking | |
| 25 | 1001221545 | 1 | Plate | |
| 26 | 1001222641 | 6 | Cap | |

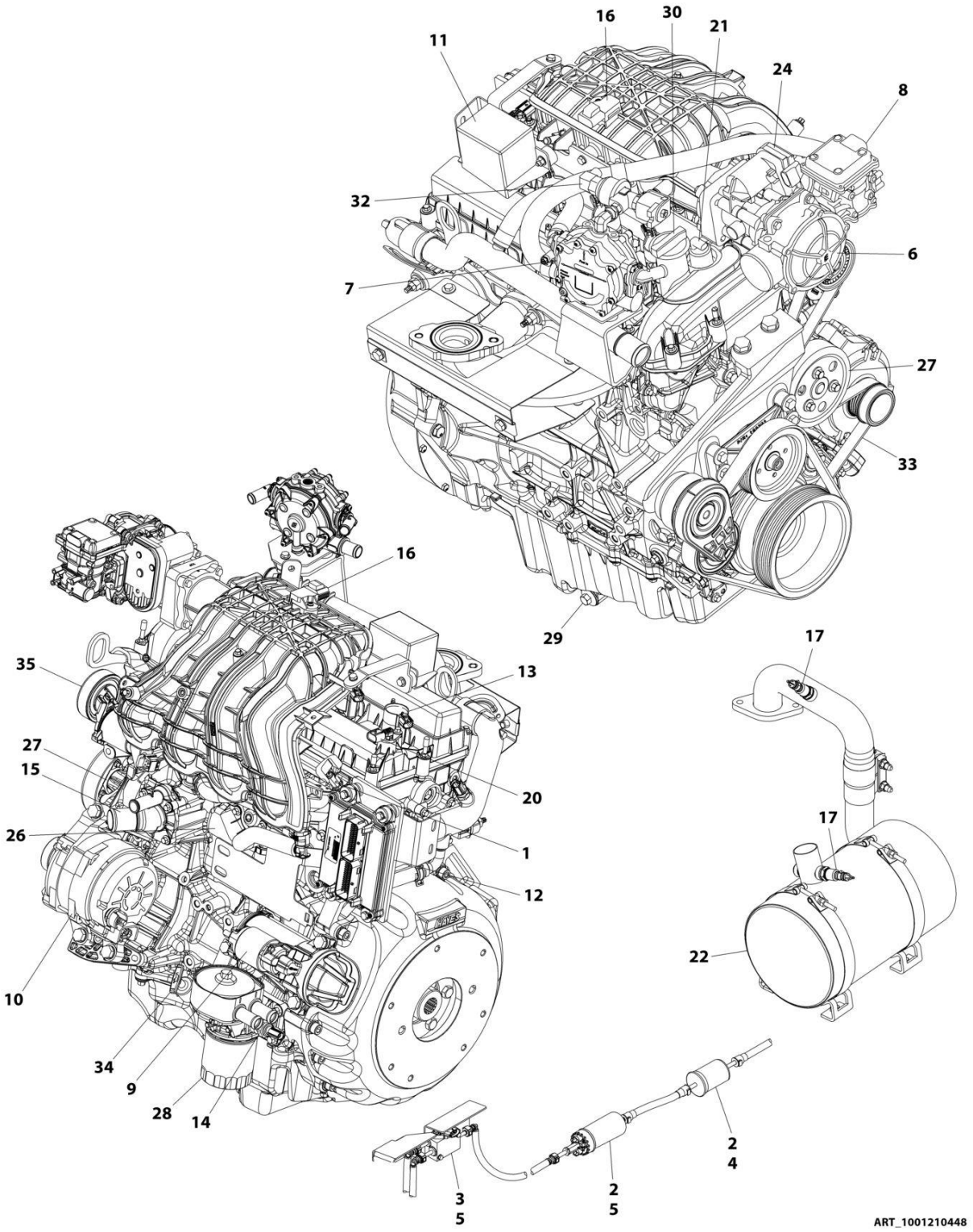
## FIGURE 3-53. FORD ENGINE DRIVE BELT INSTALLATION (MACHINES WITHOUT GENERATOR)



## FIGURE 3-53. FORD ENGINE DRIVE BELT INSTALLATION (MACHINES WITHOUT GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220404 | Ref | DRIVE BELT INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0701026 | 1 | Bolt M10 x 90 | |
| 3 | 4812002 | 1 | Washer M10 | |
| 4 | 1001216300 | 1 | Pulley | |
| 5 | 1001216619 | 1 | V-Belt | |

## FIGURE 3-54. FORD ENGINE COMPONENTS

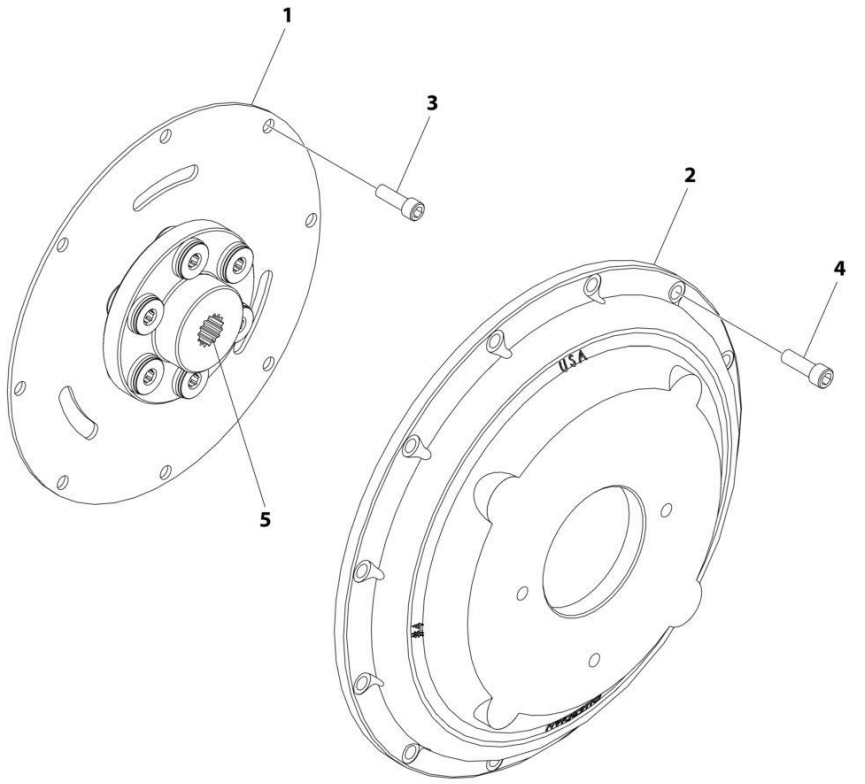


## FIGURE 3-54. FORD ENGINE COMPONENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001210448 | Ref | FORD ENGINE COMPONENTS | H |
| 1 | 70006145 | 4 | Injector, Fuel | |
| 1 | 70006147 | 1 | Rail, Fuel | |
| 2 | 70006150 | 1 | Pump, Fuel | |
| 2 | 70006154 | 1 | Fitting M10 | |
| 3 | 70006151 | 1 | Block, Fuel | |
| 3 | 70006152 | 2 | Fitting SAE6 | |
| 3 | 70006153 | 1 | Fitting SAE3 | |
| 3 | 70006189 | 1 | Harness, Fuel Block | |
| 4 | 70006155 | 1 | Filter, Fuel | |
| 5 | 7022162 | 8 | Clamp | |
| 5 | 70006157 | 8 | Clip, Fuel Quick Disconnect | |
| 6 | 70006158 | 1 | Mixer, LP | |
| 6 | 70006168 | 1 | Mixer Diaphragm Replacement Kit | |
| 6 | 70006159 | 1 | Adapter, Mixer to Governor | |
| 6 | 70006160 | 1 | O-Ring, Mixer to Adapter | |
| 6 | 70006161 | 1 | Seal, Mixer to Adapter | |
| 7 | 70006162 | 1 | Regulator, LP Vapor | |
| 7 | 70006166 | 2 | Fitting | |
| 7 | 70006167 | 1 | Fitting, Straight | |
| 7 | 70006165 | 2 | Isolator, Rubber | |
| 8 | 70006163 | 1 | Regulator, Direct Electronic Pressure | |
| 8 | 70006164 | 1 | Adapter, Fitting 90 | |
| 9 | 70006169 | 1 | Starter | |
| 9 | 70006233 | 1 | Harness, Alternator/Starter | |
| 10 | 70006170 | 1 | Alternator | |
| 11 | 70006173 | 1 | Cover, Relay Box | |
| 11 | 70006171 | 2 | Relay (Fuel Pump & Power) | |
| 11 | 70006172 | 1 | Relay (Starter) | |
| 11 | 70006175 | 1 | Fuse - 20Amp (Starter) | |
| 11 | 70006174 | 1 | Decal - Relay Box Cover | |
| 11 | 70006188 | 1 | Harness, Engine | |
| 11 | 70006165 | 2 | Isolator, Rubber | |
| 12 | 70006176 | 1 | Module - Engine Control Unit (ECU/GCP) | |
| 12 | 70006191 | 1 | Software & Diagnostic Cable | |
| 13 | 70006177 | 4 | Coil and Boot Assembly | |
| 13 | 70006178 | 4 | Plug, Spark | |
| 14 | 70006179 | 1 | Switch, Oil Pressure | |
| 15 | 70006180 | 1 | Sensor, Knock | |
| 16 | 70006181 | 1 | Sensor, TMAP | |
| 17 | 70006182 | 2 | Sensor, O2 | |
| 18 | 70006183 | 1 | Sensor, Coolant Temperature (Not Shown - Located Rear of Engine Block) | |
| 19 | 70006184 | 1 | Sensor, Crank Position (Not Shown - Located at Front RH Side of Block) | |
| 20 | 70006185 | 1 | Sensor, Cam Position | |
| 21 | 70006186 | 1 | Solenoid, Timing | |
| 21 | 70006187 | 1 | Grommet, Rubber | |
| 22 | 70006194 | 1 | Muffler | |
| 22 | 70006195 | 1 | Plug (Located at Muffler Outlet) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 23 | | Ref | Gasket Options (Not Shown) | |
| 23 | 70006196 | 1 | Gasket, Exhaust Manifold to Head | |
| 23 | 70006197 | 1 | Gasket, Exhaust Manifold Outlet | |
| 23 | 70006200 | 1 | Gasket, Intake Manifold to Head | |
| 23 | 70006219 | 1 | Gasket Set - Camshaft Cover | |
| 23 | 70006225 | 1 | Gasket, Cylinder Head | |
| 24 | 70006198 | 1 | Governor | |
| 24 | 7027404 | 1 | Gasket, Governor Actuator | |
| 24 | 70006199 | 1 | Gasket, Governor to Intake Manifold Adapter | |
| 25 | 70006203 | 1 | Flywheel (Not Shown) | |
| 26 | 70006205 | 1 | Thermostat (Includes Housing) | |
| 26 | 70006206 | 1 | Gasket, Water Inlet | |
| 27 | 70006207 | 1 | Pump, Water | |
| 27 | 70006208 | 1 | O-Ring, Water Pump | |
| 27 | See Note | NSS | Pulley, Water Pump (Note: Not Available for Purchase at This Time) | |
| 28 | 70006213 | 1 | Filter, Oil | |
| 29 | 70006215 | 1 | Plug, Oil Drain | |
| 29 | 70006217 | 1 | Gasket, Oil Drain Plug | |
| 30 | 70006221 | 1 | Cap, Oil Fill | |
| 31 | 70006232 | 1 | Sensor, Crank (Not Shown) | |
| 32 | 70006235 | 1 | Valve, Lock-Off (Includes Filter) | |
| 33 | 70006202 | 1 | Belt | |
| 34 | 70006236 | 1 | Dipstick | |
| 35 | 70007108 | 1 | Belt Tensioner | |

## FIGURE 3-55. PUMP COUPING KIT (DEUTZ ENGINES)

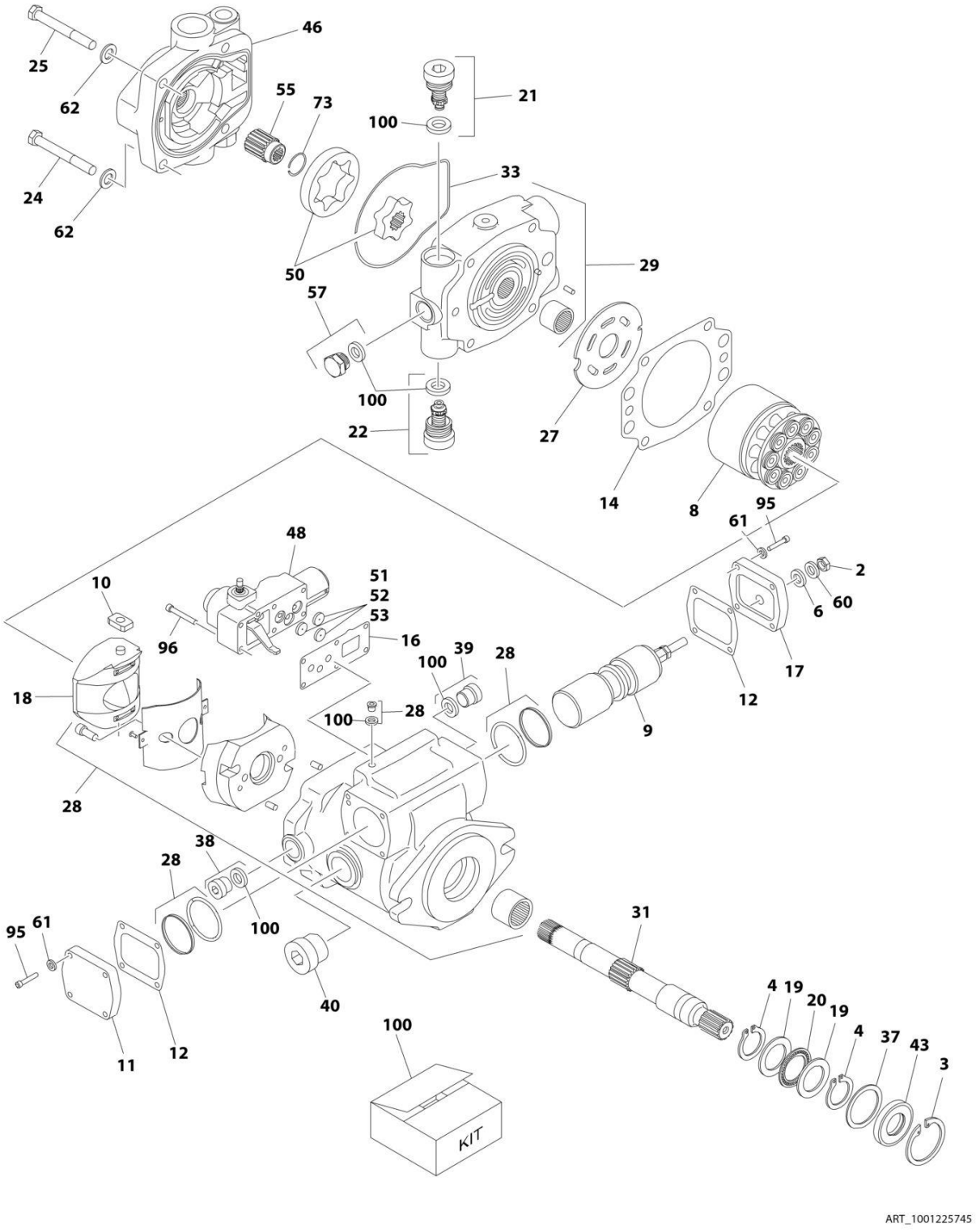



ART_1001153282

## FIGURE 3-55. PUMP COUPING KIT (DEUTZ ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153282 | Ref | PUMP COUPLING KIT | E |
| 1 | 70004183 | 1 | Coupling Guardian | |
| 2 | See Note | NSS | Plate, Pump Adapter (Note: Use p/n 1001153282) | |
| 3 | See Note | 8 | Capscrew M10 x 20 Grade 10.9 (Note: Not Available - Purchase Locally or Purchase Kit) | |
| 4 | See Note | 12 | Capscrew M10 x 25 Grade 10.9 (Note: Not Available - Purchase Locally or Purchase Kit) | |
| 5 | 3020021 | AR | Grease, Coupling | |

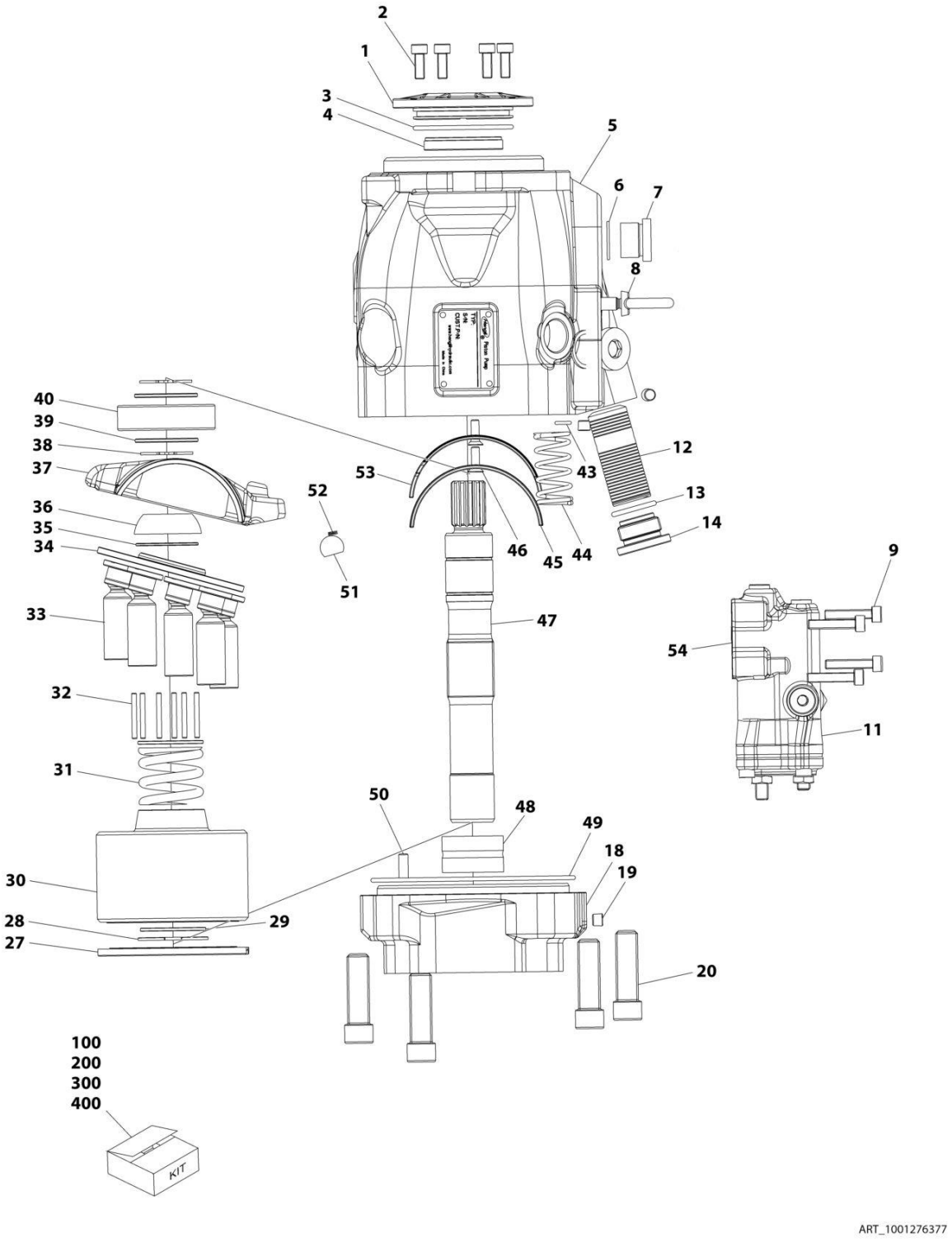
## FIGURE 3-56. HYDROSTATIC PUMP ASSEMBLY



## FIGURE 3-56. HYDROSTATIC PUMP ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001225745 | Ref | HYDROSTATIC PUMP ASSEMBLY | A |
| 2 | 70004329 | 1 | Nut | |
| 3 | See Note | NSS | Ring, Retaining (Note: Use Item 100) | |
| 4 | See Note | NSS | Ring, Retaining (Note: Use Item 100) | |
| 6 | See Note | NSS | Washer, Seal (Note: Use Item 100) | |
| 8 | 70004331 | 1 | Cylinder Block Assembly | |
| 9 | 70004332 | 1 | Servo Piston Assembly | |
| 10 | 70004333 | 1 | Follower, Servo Piston | |
| 11 | 70005458 | 1 | Cover | |
| 12 | See Note | NSS | Gasket, Cover (Note: Use Item 100) | |
| 14 | See Note | NSS | Gasket, Housing (Note: Use Item 100) | |
| 16 | See Note | NSS | Gasket, Control Housing (Note: Use Item 100) | |
| 17 | 70005459 | 1 | Cover | |
| 18 | 70004336 | 1 | Camplate Assembly | |
| 19 | 7004907 | 2 | Race, Thrust | |
| 20 | 7004908 | 1 | Bearing, Thrust | |
| 21 | 70004337 | 1 | Relief Valve Assembly | |
| 22 | 70004337 | 1 | Relief Valve Assembly | |
| 24 | 70004338 | 2 | Capscrew | |
| 25 | 70004338 | 2 | Capscrew | |
| 27 | 70004340 | 1 | Plate, Valve | |
| 28 | See Note | NSS | Housing (Note: Not Available - Purchase Assembly) | |
| 29 | 70005460 | 1 | End Cover Assembly | |
| 31 | 70004342 | 1 | Shaft, Drive | |
| 33 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 37 | 7004906 | 1 | Washer | |
| 38 | 70005461 | 1 | Plug | |
| 39 | 70005461 | 1 | Plug | |
| 40 | 70005462 | 1 | Plug | |
| 43 | See Note | NSS | Seal, Shaft (Note: Use Item 100) | |
| 46 | 70004343 | 1 | Adapter, Charge Pump | |
| 48 | 70004344 | 1 | Servo Control Assembly | |
| 50 | 70004345 | 1 | Gerotor | |
| 51 | 70004346 | 1 | Orifice | |
| 52 | 70004346 | 1 | Orifice | |
| 53 | 70004346 | 1 | Orifice | |
| 55 | 70004347 | 1 | Coupler | |
| 57 | 70005463 | 1 | Plug | |
| 60 | 70004348 | 1 | Washer | |
| 61 | 70004349 | 8 | Washer | |
| 62 | 70004350 | 4 | Washer | |
| 73 | 70004351 | 1 | Ring, Retaining | |
| 95 | 70005464 | 8 | Capscrew | |
| 96 | 70005465 | 6 | Capscrew | |
| 100 | 70004352 | 1 | Seal Kit - Pump (Includes Items 3, 4, 6, 12, 14, 16, 33 & 43 and Valve and Plug O-Rings and Seals) | |

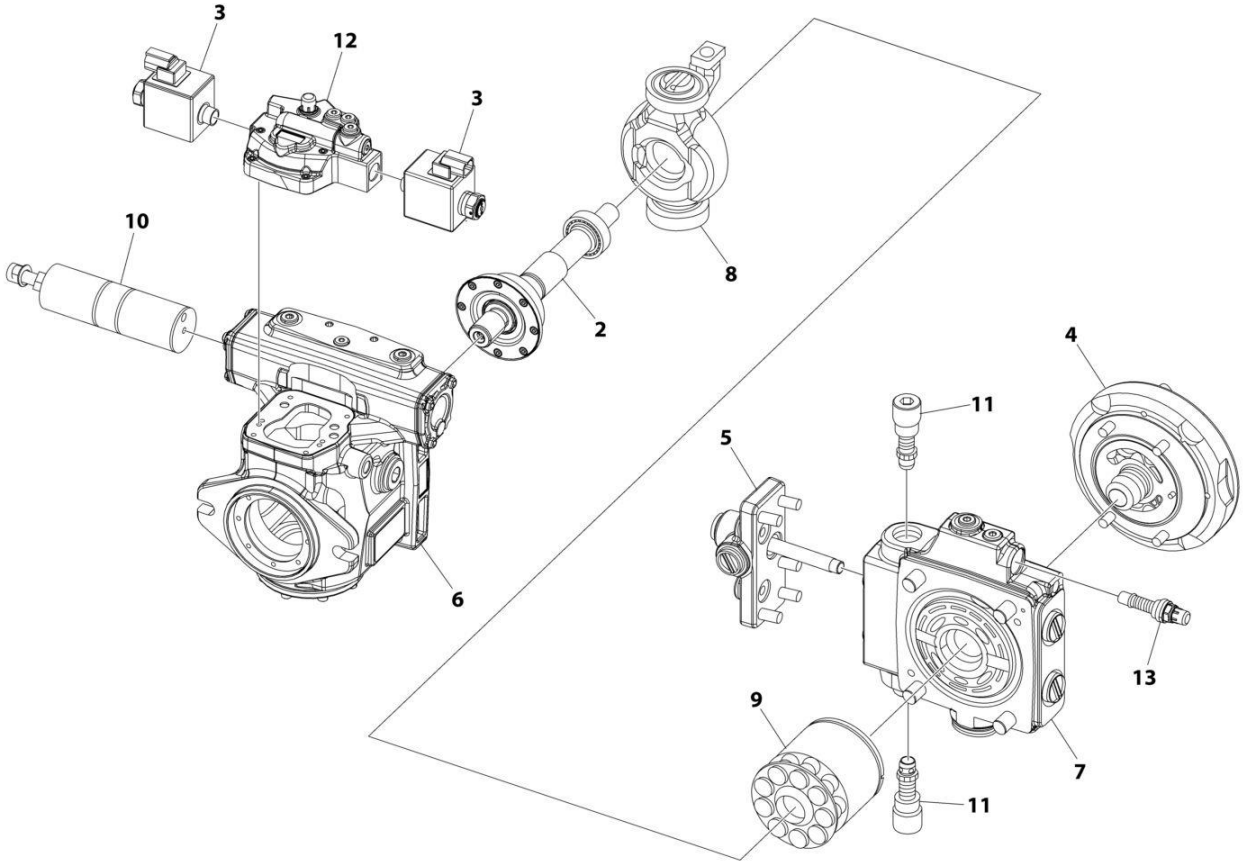
## FIGURE 3-57. VARIABLE PUMP ASSEMBLY (ALL ENGINES EXCEPT DEUTZ TD2.9L4 (STAGE V))



## FIGURE 3-57. VARIABLE PUMP ASSEMBLY (ALL ENGINES EXCEPT DEUTZ TD2.9L4 (STAGE V))

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001276377 | Ref | VARIABLE PUMP ASSEMBLY | B |
| 1 | 70007789 | 1 | Case, Oil Seal | |
| 2 | See Note | NSS | Capscrew M6 x 16 (Note: Purchase Separately) | |
| 3 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 4 | 70007798 | 1 | Seal, Oil | |
| 5 | See Note | NSS | Housing (Note: Not Available - Purchase Assembly) | |
| 6 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 7 | 70007790 | 3 | Plug | |
| 8 | See Note | NSS | Bolt, Eye M8 (Note: Purchase Separately) | |
| 9 | See Note | NSS | Capscrew M9 x 30 (Note: Purchase Separately) | |
| 11 | 70007787 | 1 | Valve, Control | |
| 12 | 70007800 | 1 | Piston | |
| 13 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 14 | 70007801 | 1 | Plug | |
| 18 | See Note | NSS | Cover (Note: Not Available - Purchase Assembly) | |
| 19 | 70007791 | 3 | Plug | |
| 20 | See Note | NSS | Capscrew M12 x 45 (Note: Purchase Separately) | |
| 27 | See Note | NSS | Plate, Valve (Note: Use Item 200) | |
| 28 | See Note | NSS | Circlip (Note: Use Item 200) | |
| 29 | See Note | NSS | Shim (Note: Use Item 200) | |
| 30 | See Note | NSS | Cylinder (Note: Use Item 200) | |
| 31 | See Note | NSS | Spring (Note: Use Item 200) | |
| 32 | See Note | NSS | Pin (Note: Use Item 200) | |
| 33 | See Note | NSS | Piston Assembly (Note: Use Item 200) | |
| 34 | See Note | NSS | Retainer (Note: Use Item 200) | |
| 35 | See Note | NSS | Shim (Note: Use Item 200) | |
| 36 | See Note | NSS | Bushing (Note: Use Item 200) | |
| 37 | See Note | NSS | Plate, Swash (Note: Use Item 300) | |
| 38 | See Note | NSS | Circlip (Note: Use Item 400) | |
| 39 | See Note | NSS | Shim (Note: Use Item 400) | |
| 40 | See Note | NSS | Bearing, Cylinder (Note: Use Item 400) | |
| 43 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 44 | 70007792 | 1 | Spring | |
| 45 | 70007793 | 1 | Bushing | |
| 46 | 70007796 | 2 | Capscrew M5 x 16 | |
| 47 | See Note | NSS | Shaft (Note: Use Item 400) | |
| 48 | 70007797 | 1 | Bearing | |
| 49 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 50 | 70007794 | 1 | Spring | |
| 51 | See Note | NSS | Ball, Steel (Note: Use Item 300) | |
| 52 | See Note | NSS | Spring (Note: Use Item 300) | |
| 53 | 70007795 | 1 | Bushing | |
| 54 | 70007799 | 1 | Gasket | |
| 100 | 70007802 | 1 | Seal Kit (Includes Items 3, 6, 13, 43 & 49) | |
| 200 | 70007786 | 1 | Cylinder Assembly (Includes Items 27 - 36) | |
| 300 | 70007788 | 1 | Swash Plate Assembly (Includes Items 37, 51 & 52) | |
| 400 | 70007785 | 1 | Shaft Assembly (Includes Items 38 - 40 & 47) | |

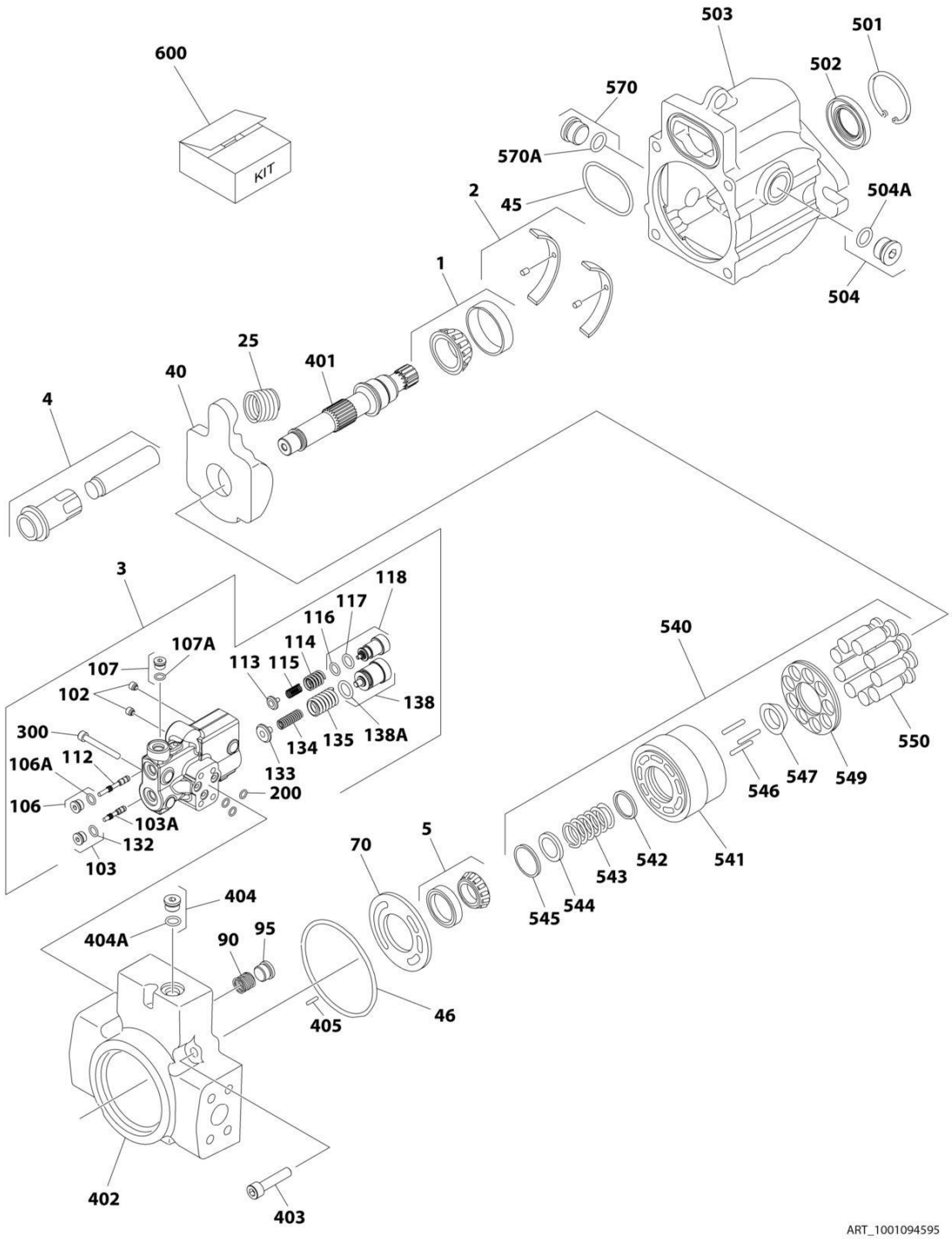
## FIGURE 3-58. HYDROSTATIC PUMP ASSEMBLY



## FIGURE 3-58. HYDROSTATIC PUMP ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001276376 | Ref | HYDROSTATIC PUMP ASSEMBLY | B |
| 2 | 70008497 | 1 | Shaft Assembly | |
| 3 | 70008498 | 2 | Coil Assembly | |
| 4 | 70008602 | 1 | Gerotor Body Assembly | |
| 5 | 70008511 | 1 | Body Assembly | |
| 6 | See Note | NSS | Body Assembly (Note: Use PN 1001276376) | |
| 7 | 70008601 | 1 | Distributor Assembly | |
| 8 | 70008500 | 1 | Swashplate Assembly | |
| 9 | 70008501 | 1 | Rotor Assembly | |
| 10 | 70008502 | 1 | Servo Assembly | |
| 11 | 70008600 | 2 | Relief Valve | |
| 12 | 70008504 | 1 | Control Valve Assembly | |
| 13 | 70008505 | 1 | Relief Valve Assembly | |

## FIGURE 3-59. VARIABLE PUMP ASSEMBLY (DEUTZ TD 2.9L4 (STAGE V) & CHINA IV ENGINES)

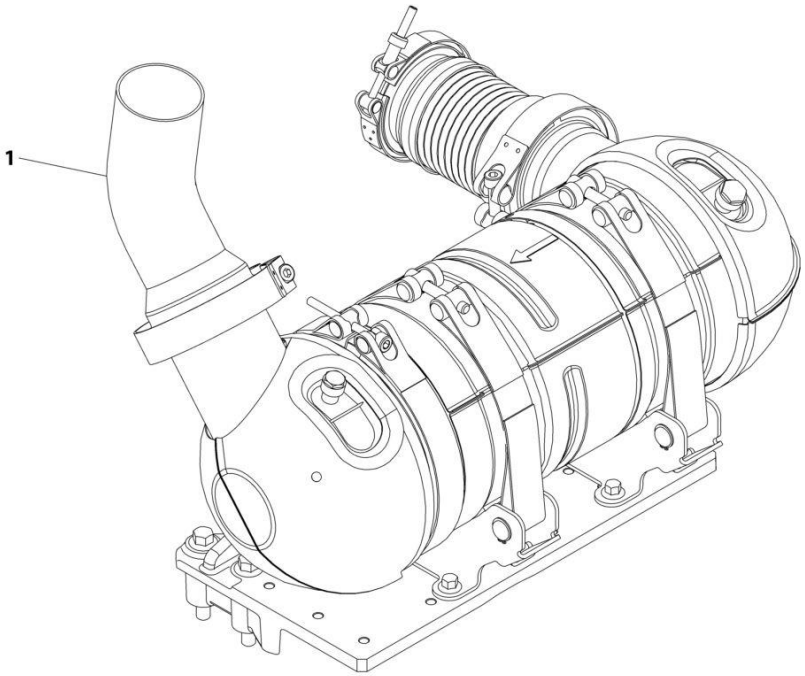


## FIGURE 3-59. VARIABLE PUMP ASSEMBLY (DEUTZ TD 2.9L4 (STAGE V) & CHINA IV ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001094595 | Ref | VARIABLE PUMP ASSEMBLY | A |
| 1 | 7023947 | 1 | Bearing, Front (Includes Cup and Cone) | |
| 2 | 7023948 | 1 | Bearings, Swash Plate (Includes Both Sides and Pins) | |
| 3 | 7023956 | 1 | Control Valve Assembly (Includes Items 102-300) | |
| 4 | 7023949 | 1 | Servo Piston Assembly | |
| 5 | 7023950 | 1 | Bearing, Rear (Includes Cup and Cone) | |
| 25 | 7023951 | 1 | Spring | |
| 40 | 7023952 | 1 | Swash Plate | |
| 45 | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 46 | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 70 | 70001954 | 1 | Plate, Valve | |
| 90 | 70001955 | 1 | Spring, Check Valve | |
| 95 | 70001956 | 1 | Poppet, Check Valve | |
| 102 | See Note | NSS | Setscrew (Note: Use Item 3) | |
| 103 | See Note | NSS | Plug (Note: Use Item 3) | |
| 103A | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 106 | See Note | NSS | Plug (Note: Use Item 3) | |
| 106A | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 107 | See Note | NSS | Plug (Note: Use Item 3) | |
| 107A | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 112 | See Note | NSS | Spool, Control (Note: Use Item 3) | |
| 113 | See Note | NSS | Guide, Spring (Note: Use Item 3) | |
| 114 | See Note | NSS | Spring (Note: Use Item 3) | |
| 115 | See Note | NSS | Spring (Note: Use Item 3) | |
| 116 | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 117 | See Note | NSS | Ring, Back-up (Note: Use Item 600) | |
| 118 | See Note | NSS | Plug, Adjusting (Note: Use Item 3) | |
| 132 | See Note | NSS | Spool, Control (Note: Use Item 3) | |
| 133 | See Note | NSS | Guide, Spring (Note: Use Item 3) | |
| 134 | See Note | NSS | Spring (Note: Use Item 3) | |
| 135 | See Note | NSS | Spring (Note: Use Item 3) | |
| 138 | See Note | NSS | Plug, PC Adjusting (Note: Use Item 3) | |
| 138A | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 200 | See Note | NSS | Ring, Seal (Note: Use Item 600) | |
| 300 | 7023957 | 4 | Screw | |
| 401 | 7023958 | 1 | Shaft | |
| 402 | 70001957 | 1 | Cap, End | |
| 403 | 7023960 | 4 | Screw | |
| 404 | 7022318 | 1 | Plug | |
| 404A | See Note | NSS | O-Ring (Note: Use Item 600) | |
| 405 | 7023961 | 1 | Pin | |
| 501 | 7023962 | 1 | Ring, Retaining | |
| 502 | See Note | NSS | Seal, Lip (Note: Use Item 600) | |
| 503 | See Note | NSS | Housing (Note: Not Available - Purchase Assembly) | |
| 504 | 7023964 | 1 | Plug | |
| 504A | 7007415 | 1 | O-Ring | |
| 540 | 7023965 | 1 | Cylinder Block Assembly | |
| 541 | See Note | NSS | Block, Cylinder (Note: Use Item 540) | |
| 542 | 7024868 | 1 | Washer | |
| 543 | 7024867 | 1 | Spring | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 544 | 7022314 | 1 | Retainer, Spring | |
| 545 | 7022311 | 1 | Ring, Retaining | |
| 546 | 7021275 | 3 | Pin, Slipper | |
| 547 | 7024864 | 1 | Guide, Slipper | |
| 549 | 7024866 | 1 | Retainer, Slipper | |
| 550 | 7023966 | 9 | Piston Assembly | |
| 570 | 7023964 | 1 | Plug | |
| 570A | 7007415 | 1 | O-Ring | |
| 600 | 7023967 | 1 | Seal Kit - Complete (Includes Items 45, 46, 103A, 106A, 107A, 118, 138A, 200, 444A & 502) | |

**FIGURE 3-60. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 ENGINES**

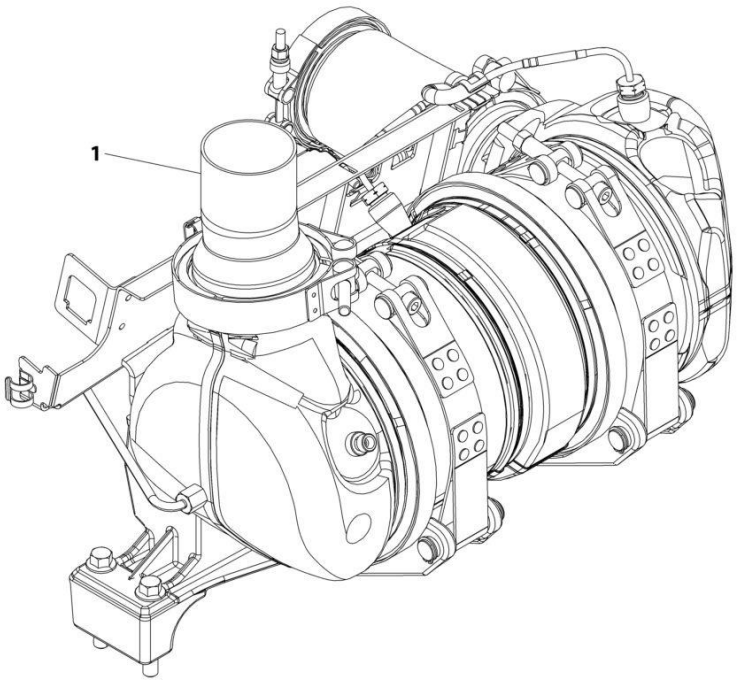



ART_1001216221

## FIGURE 3-60. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216221 | Ref | EXHAUST PIPE INSTALLATION | A |
| 1 | 1001158145 | 1 | Pipe, Exhaust | |

## FIGURE 3-61. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 (STAGE V) ENGINES

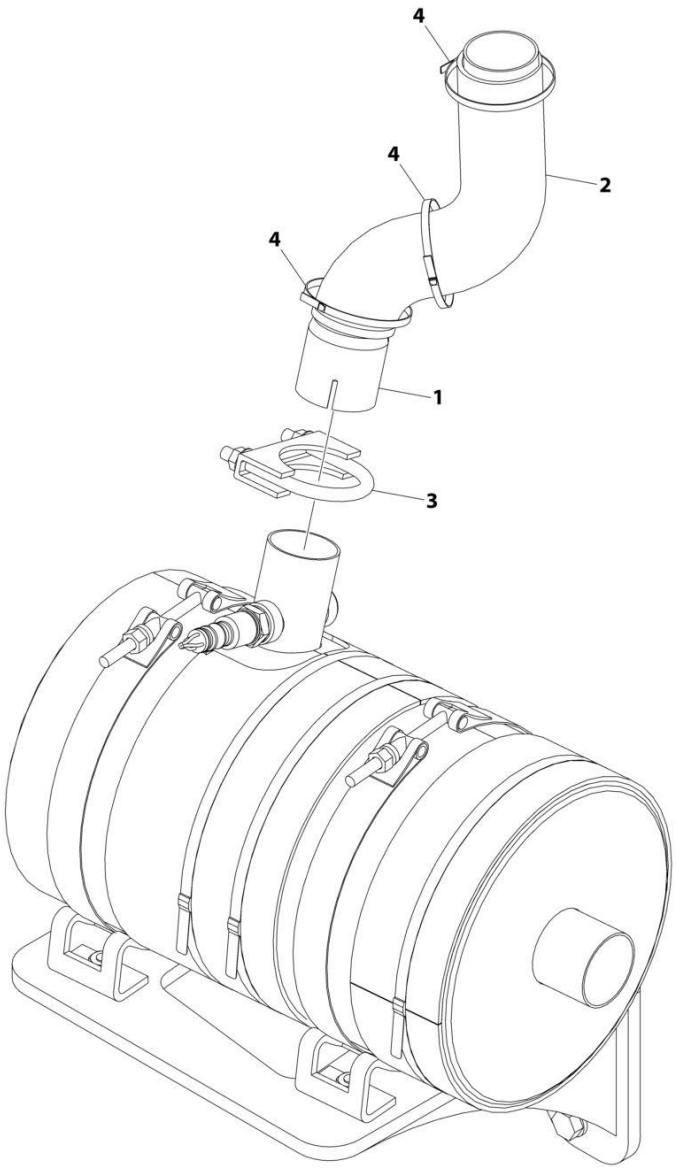



ART_1001236334

## FIGURE 3-61. EXHAUST PIPE INSTALLATION - DEUTZ TD2.9L4 (STAGE V) ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236334 | Ref | EXHAUST PIPE INSTALLATION | B |
| 1 | 1001236335 | 1 | Pipe, Exhaust | |

## FIGURE 3-62. EXHAUST PIPE INSTALLATION - FORD DF 2.5L ENGINES

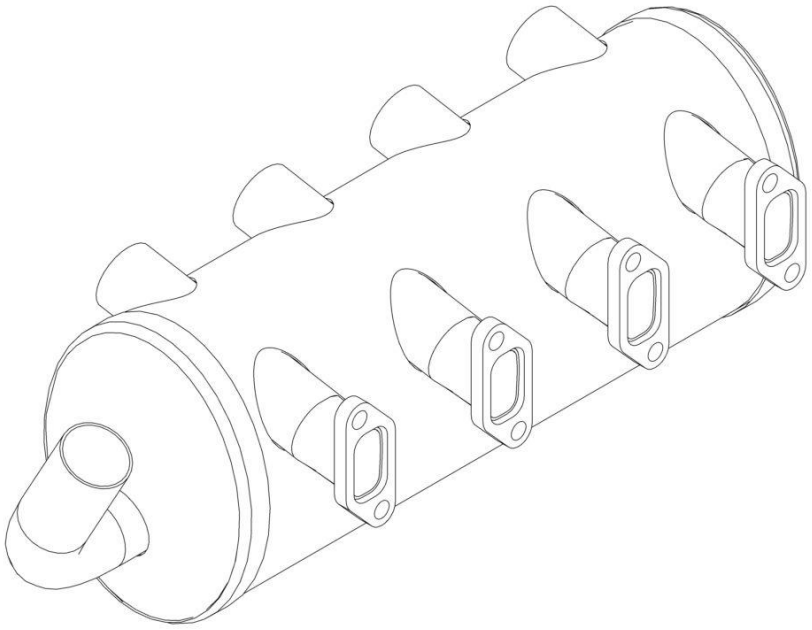



ART_1001220142

## FIGURE 3-62. EXHAUST PIPE INSTALLATION - FORD DF 2.5L ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220142 | Ref | EXHAUST PIPE INSTALIATION | B |
| 1 | 1001217350 | 1 | Tail Pipe | |
| 2 | 1001218087 | 1 | Insulate | |
| 3 | 1001221397 | 1 | Clamp | |
| 4 | 1001100825 | 3 | Strap | |

**FIGURE 3-63. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ D2011 ENGINES**

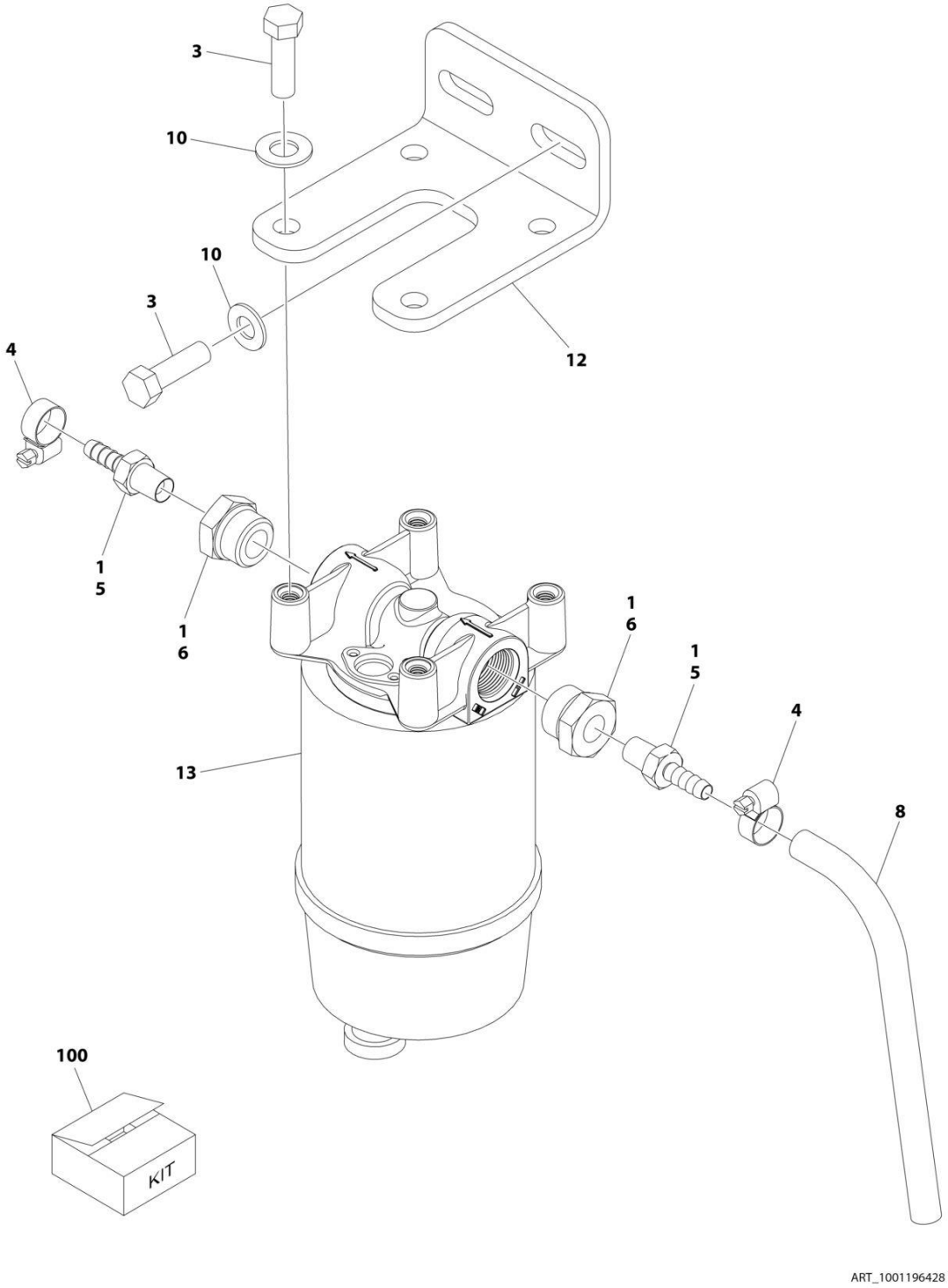


ART_1001257283

## FIGURE 3-63. SPARK ARRESTOR MUFFLER INSTALLATION - DEUTZ D2011 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257283 | Ref | MUFFLER INSTALLATION SPARK ARRESTOR | A |
| | See Note | 1 | Muffler, (Note: Use P/N 1001257283) | |

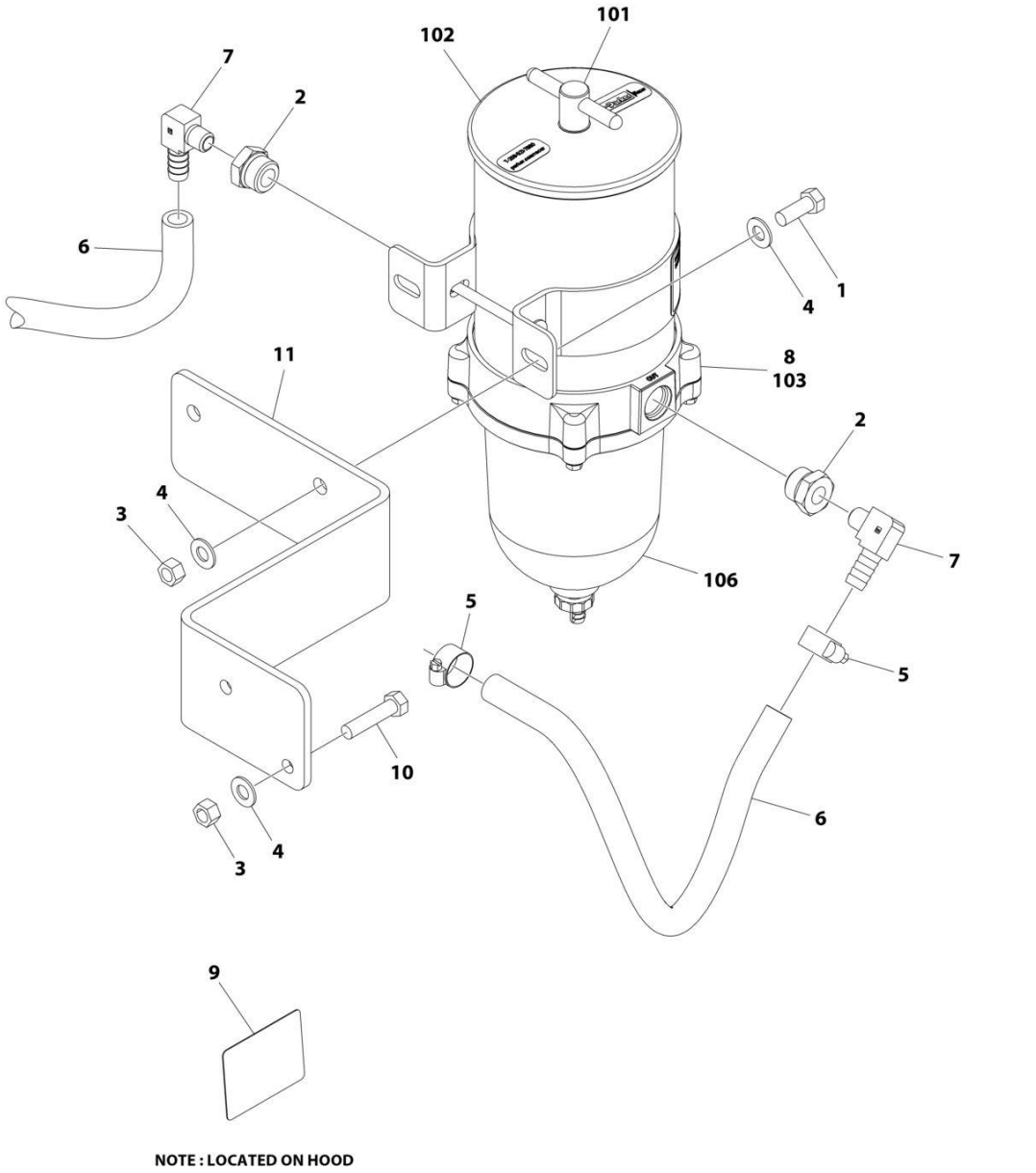
## FIGURE 3-64. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ D2011



## FIGURE 3-64. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ D2011

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196428 | Ref | FUEL-WATER SEPARATOR INSTALLATION - DEUTZ D2011 (OPTIONAL) | B |
| 1 | 0100020 | AR | Sealant | |
| 3 | 0641610 | 6 | Bolt 3/8 x 1-1/4 | |
| 4 | 1320022 | 2 | Clamp | |
| 5 | 2180348 | 2 | Fitting, Straight | |
| 6 | 2220816 | 2 | Fitting, Straight | |
| 8 | 2720058 | 12 in/ 31cm | Hose | |
| 10 | 4751600 | 6 | Washer 3/8 | |
| 12 | 1001188884 | 1 | Bracket | |
| 13 | 1001188887 | 1 | Fuel/Water Separator Assembly | |
| 13 | 1001202280 | 1 | Head | |
| 13 | 1001202281 | 1 | Element | |
| 100 | 1001204667 | 1 | Fuel/Water Separator Add-on Kit | |

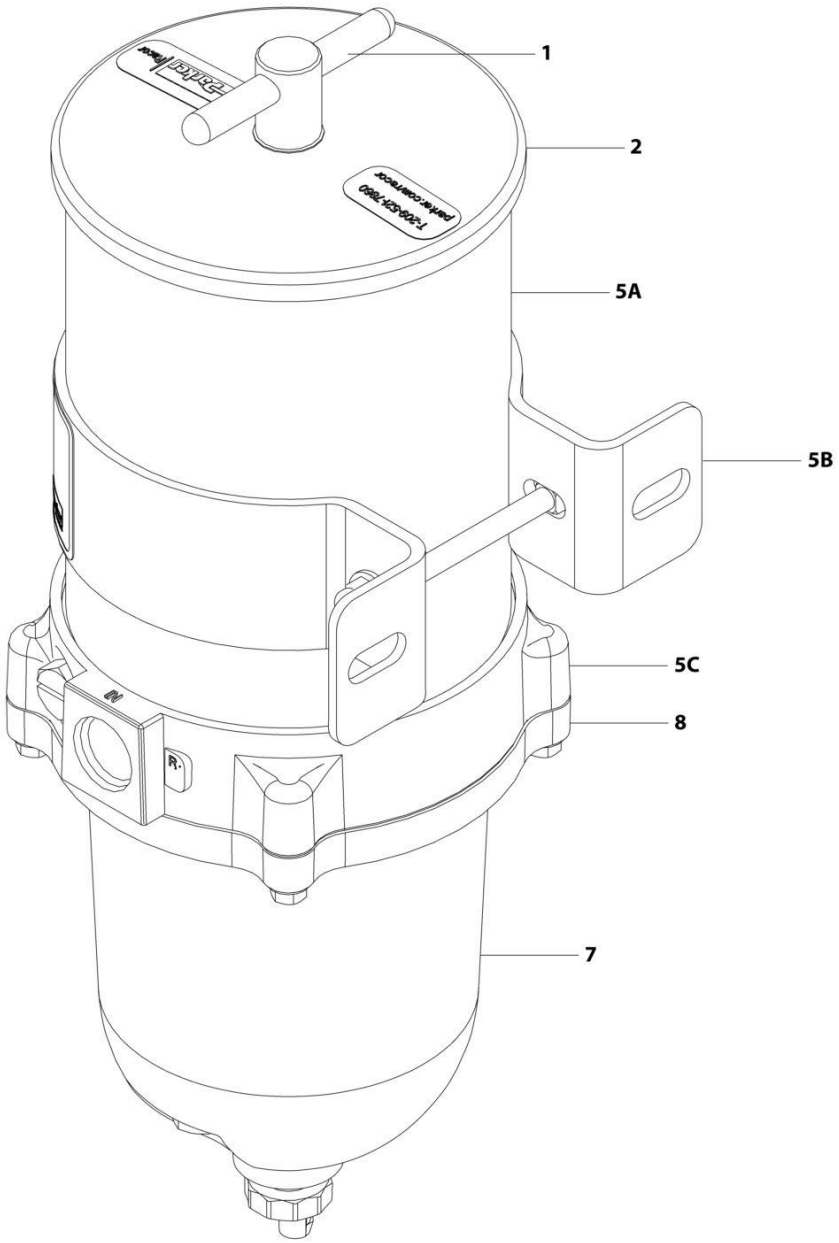
## FIGURE 3-65. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ TD2.9L4



## FIGURE 3-65. FUEL-WATER SEPARATOR INSTALLATION - DEUTZ TD2.9L4

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001226286 | Ref | FUEL FILTER INSTALLATION | C |
| 1 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 2 | 2220816 | 2 | Fitting, Straight NPT | |
| 3 | 3311605 | 4 | Nut 3/8 | |
| 4 | 4711600 | 8 | Washer 3/8 | |
| 5 | 8405006 | 2 | Clamp | |
| 6 | 1001154405 | 13 ft/ 3.96m | Hose | |
| 7 | 1001178797 | 2 | Fitting, 90 | |
| 8 | 1001222817 | 1 | Fuel Filter Assembly (See Items 101-107 for Breakdown) | |
| 9 | 1001226923 | 1 | Decal - Fuel Water Separator | |
| 10 | 0641613 | 2 | Bolt 3/8 x 1-5/8 | |
| 11 | 1001254657 | 1 | Bracket | |
| | 1001222817 | Ref | FUEL FILTER ASSEMBLY | |
| 101 | 70006403 | 1 | T-Handle Kit (Includes O-Ring) | |
| 102 | 70006404 | 1 | Lid Kit (Includes Gasket) | |
| 103 | 70006405 | 1 | Element | |
| 104 | 70006406 | 1 | Checkball & Gasket Kit (Not Shown) | |
| 105 | 70006407 | 1 | Centrifuge and Baffle Kit (Not Shown) | |
| 106 | 70006409 | 1 | Bowl Kit (Includes Gasket, O-Ring and Drain) | |
| 106 | 70006408 | 1 | Gasket, Bowl | |
| 107 | 70006410 | 1 | Bowl Ring Kit (Includes Gasket & Hardware) (Not Shown) | |

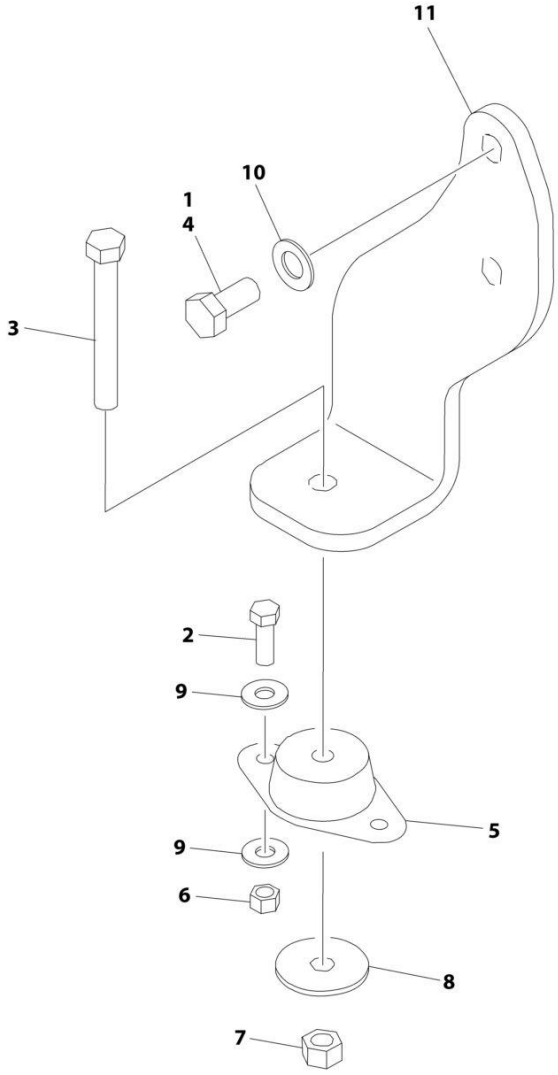
## FIGURE 3-66. FUEL FILTER ASSEMBLY (DEUTZ TD2.9L4 ENGINES)



## FIGURE 3-66. FUEL FILTER ASSEMBLY (DEUTZ TD2.9L4 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001222817 | Ref | FUEL FILTER ASSEMBLY | A |
| 1 | 70006403 | 1 | Handle Kit (Includes Handle, Handle O-Ring & Lid Gasket) | |
| 2 | 70006404 | 1 | Lid Kit (Includes Lid, Handle O-Ring & Lid Gasket) | |
| 3 | 70006405 | 1 | Element, Filter (Not Shown) | |
| 5A | See Note | NSS | Housing (Note: Use p/n 1001222817) | |
| 5B | See Note | NSS | Bracket (Note: Use p/n 1001222817) | |
| 5C | See Note | NSS | Tube, Return (Note: Use p/n 1001222817) | |
| 6 | 70006407 | 1 | Certrfuge & Baffle Kit (Not Shown - Located at Bottom of 5C) (Also Includes p/n 70006406 & Bowl Gasket) | |
| 6 | 70006406 | 1 | Checkball & Gasket Kit (Not Shown - Located at Bottom of 5C) | |
| 7 | 70006409 | 1 | Bowl Kit (Includes Bowl Gasket, Plug with O-Ring & Drain) | |
| 7 | 70006408 | 1 | Gasket, Bowl | |
| 8 | 70006410 | 1 | Bowl Ring Kit (Includes Bowl Gasket & Bolts) | |

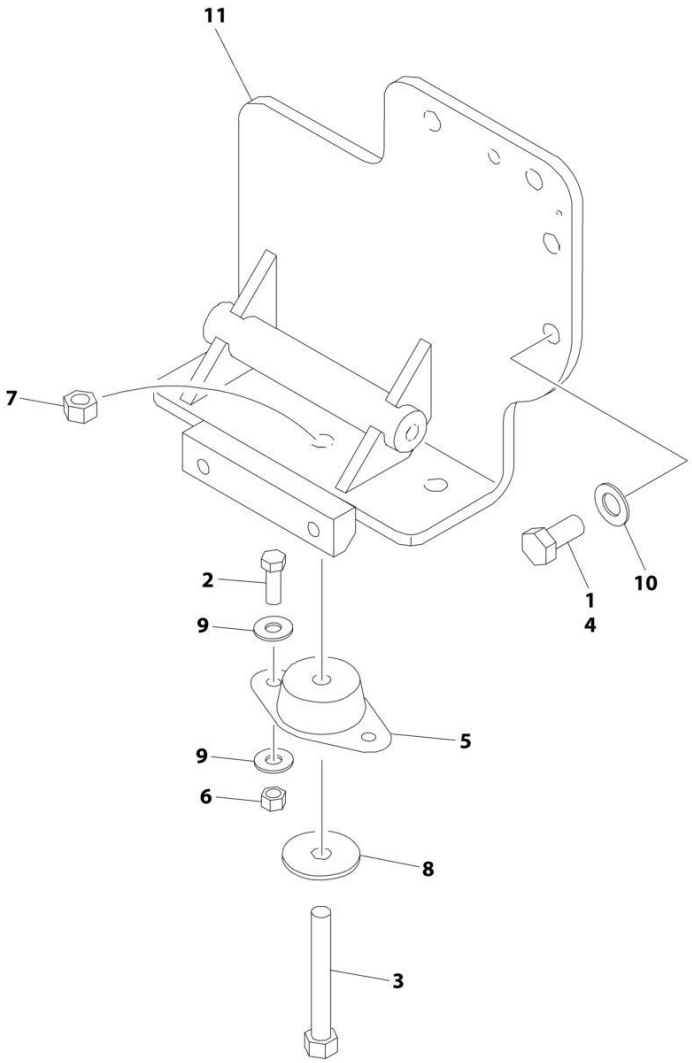
## FIGURE 3-67. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITHOUT GENERATORS)



## FIGURE 3-67. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITHOUT GENERATORS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151253 | Ref | RIGHT ENGINE SUPPORT INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641609 | 2 | Bolt 3/8 x 1-1/8 | |
| 3 | 0641820 | 1 | Bolt 1/2 x 2-1/2 | |
| 4 | 0711414 | 2 | Bolt M14 x 30 Grade 10.9 | |
| 5 | 3200401 | 1 | Mount, Motor | |
| 6 | 3311605 | 2 | Nut 3/8 | |
| 7 | 3311805 | 1 | Nut 1/2 | |
| 8 | 4740274 | 1 | Washer | |
| 9 | 4751600 | 4 | Washer 3/8 | |
| 10 | 4812200 | 2 | Washer M14 | |
| 11 | 1001149703 | 1 | Support, Engine (Right Front) | |

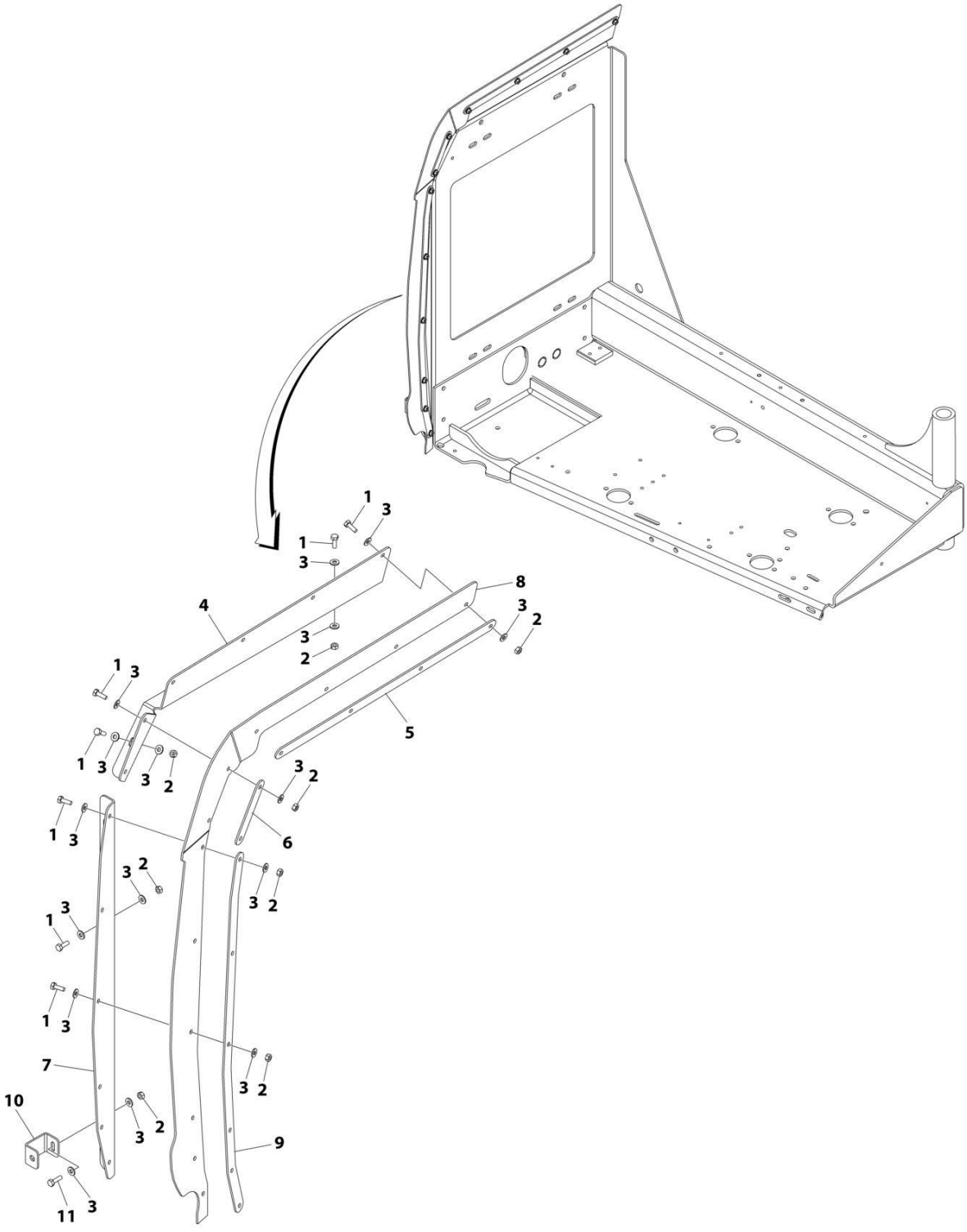
## FIGURE 3-68. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITH GENERATORS)



## FIGURE 3-68. RIGHT ENGINE SUPPORT INSTALLATION (DEUTZ D2011 ENGINES MACHINES WITH GENERATORS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151252 | Ref | RIGHT ENGINE SUPPORT INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641609 | 2 | Bolt 3/8 x 1-1/8 | |
| 3 | 0641818 | 1 | Bolt 1/2 x 2-1/2 | |
| 4 | 0711414 | 3 | Bolt M14 x 30 Grade 10.9 | |
| 5 | 3200401 | 1 | Mount, Motor | |
| 6 | 3311605 | 2 | Nut 3/8 | |
| 7 | 3311805 | 1 | Nut 1/2 | |
| 8 | 4740274 | 1 | Washer | |
| 9 | 4751600 | 4 | Washer 3/8 | |
| 10 | 4812200 | 3 | Washer M14 | |
| 11 | 1001150890 | 1 | Support, Engine (Right Front) | |

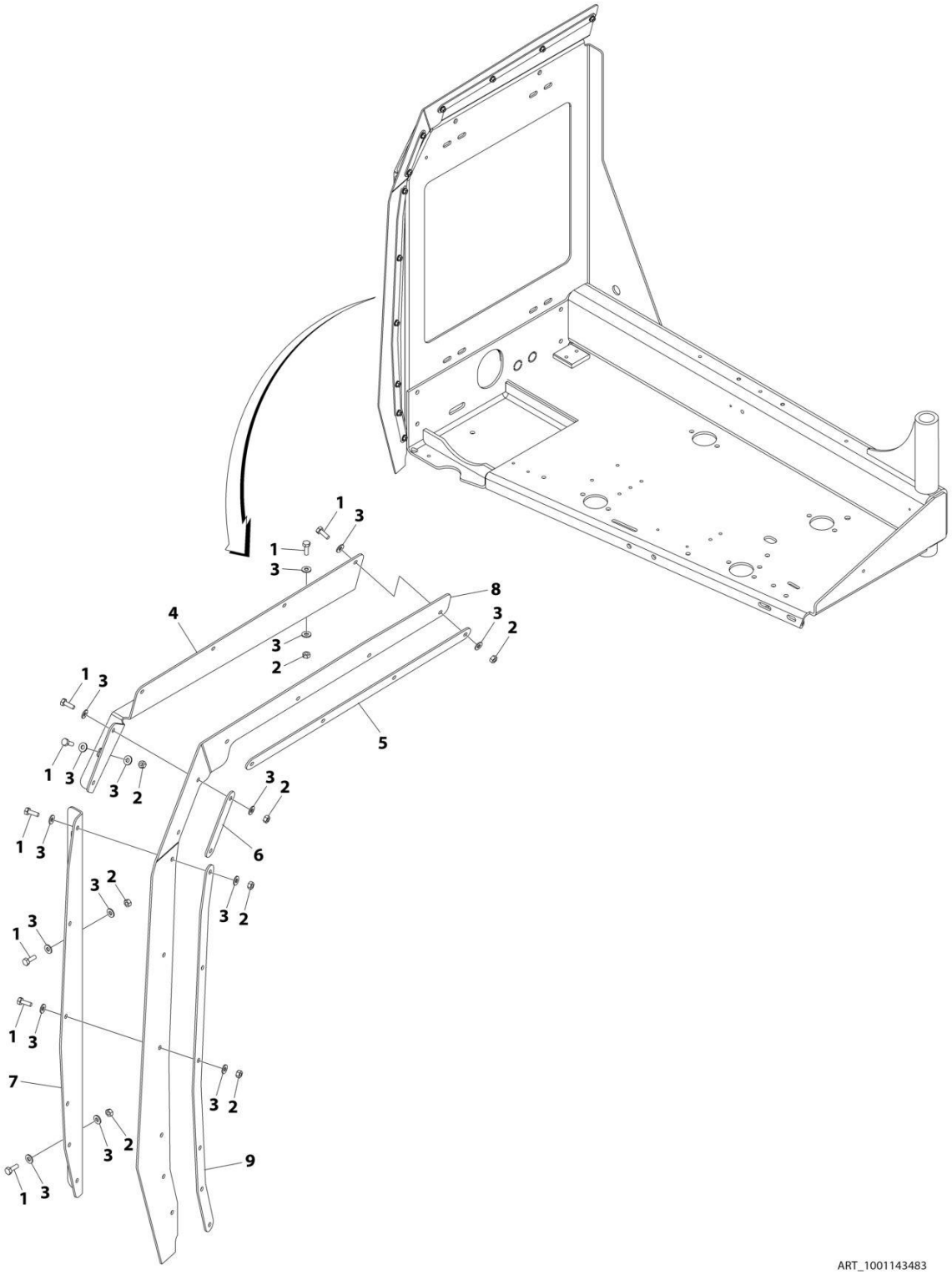
## FIGURE 3-69. ENGINE HOOD BAFFLE INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ 2.9L4 (STAGE V) ENGINES WITH ABS HOODS



## FIGURE 3-69. ENGINE HOOD BAFFLE INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ 2.9L4 (STAGE V) ENGINES WITH ABS HOODS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143484 | Ref | BAFFLES INSTALLATION (ABS HOODS) | C |
| 1 | 0641406 | 18 | Bolt 1/4 x 3/4 | |
| 2 | 3311405 | 19 | Nut 1/4 | |
| 3 | 4711400 | 38 | Washer 1/4 | |
| 4 | 1001174745 | 1 | Bracket | |
| 5 | 1001142031 | 1 | Bracket | |
| 6 | 1001142032 | 1 | Bracket | |
| 7 | 1001143449 | 1 | Bracket | |
| 8 | 1001195967 | 1 | Baffle | |
| 9 | 1001143525 | 1 | Bracket | |
| 10 | 1001143860 | 1 | Bracket, Bumper | |
| 11 | 0641407 | 1 | Bolt 1/4 x 78 | |

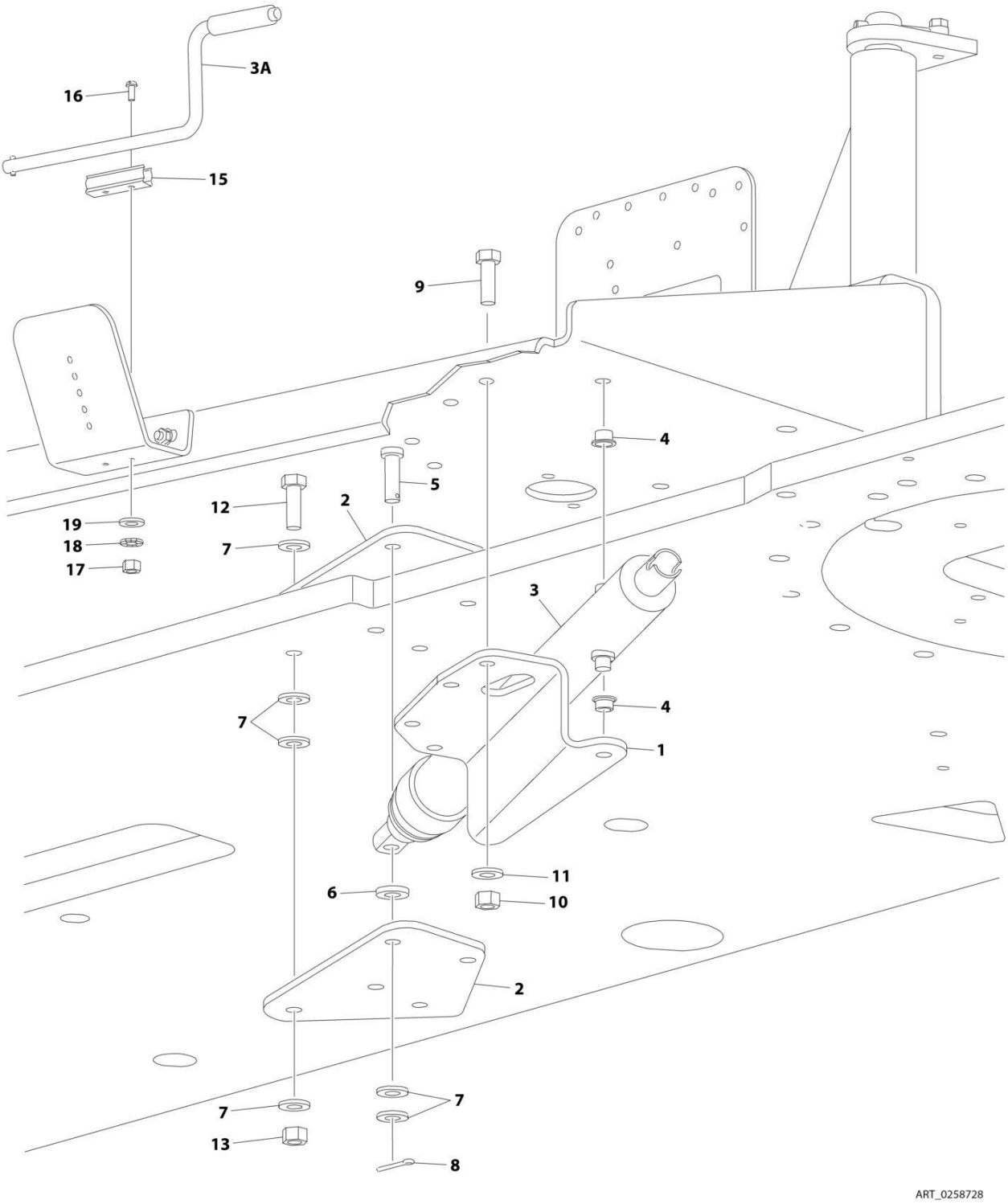
## FIGURE 3-70. ENGINE HOOD BAFFLE INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ 2.9L4 (STAGE V) ENGINES WITH STEEL HOODS



## FIGURE 3-70. ENGINE HOOD BAFFLE INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ 2.9L4 (STAGE V) ENGINES WITH STEEL HOODS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143483 | Ref | BAFFLES INSTALLATION (STEEL HOODS) | B |
| 1 | 0641406 | 19 | Bolt 1/4 x 3/4 | |
| 2 | 3311405 | 19 | Nut 1/4 | |
| 3 | 4711400 | 38 | Washer 1/4 | |
| 4 | 1001174745 | 1 | Bracket | |
| 5 | 1001142031 | 1 | Bracket | |
| 6 | 1001142032 | 1 | Bracket | |
| 7 | 1001143449 | 1 | Bracket | |
| 8 | 1001174746 | 1 | Baffle | |
| 9 | 1001143525 | 1 | Bracket | |

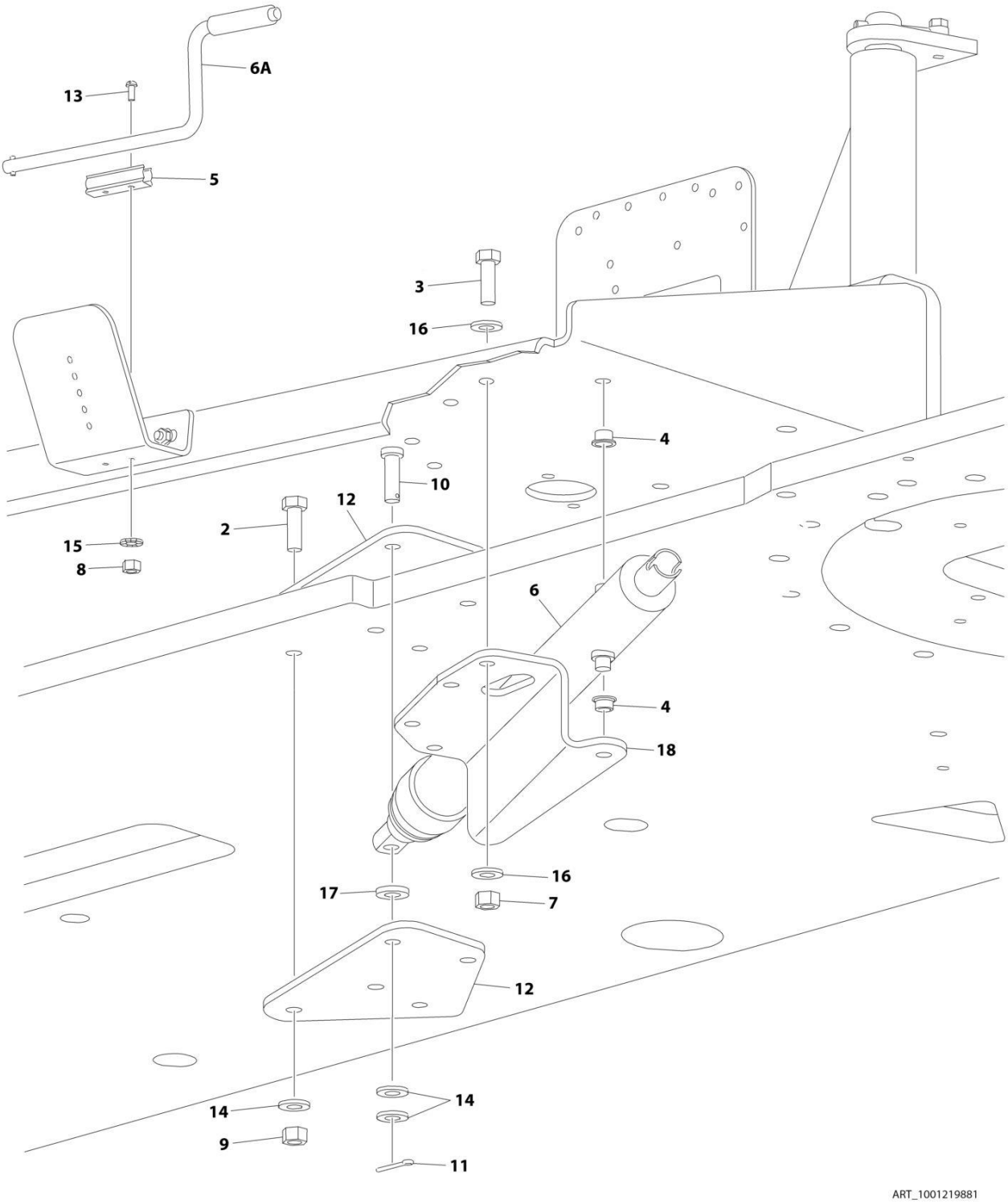
## FIGURE 3-71. ENGINE TRAY JACK INSTALLATION - DEUTZ ENGINES



## FIGURE 3-71. ENGINE TRAY JACK INSTALLATION - DEUTZ ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258728 | Ref | ENGINE TRAY JACK INSTALLATION | 2-C |
| 1 | 3537445 | 1 | Bracket | |
| 2 | 3537446 | 2 | Bracket | |
| 3 | 2840016 | 1 | Jack and Handle Assembly | F |
| 3A | 7024598 | 1 | Handle | |
| 4 | 0962051 | 2 | Bearing, Flange | |
| 5 | 3430816 | 1 | Pin, Clevis | |
| 6 | 4891800 | 1 | Washer 1/2 | |
| 7 | 4711800 | 6 | Washer 1/2 | |
| 8 | 3450404 | 1 | Pin, Cotter 1/8 x 1 | |
| 9 | 0641609 | 4 | Bolt 3/8 x 1-1/8 | |
| 10 | 3311605 | 4 | Nut 3/8 | |
| 11 | 4891600 | 4 | Washer 3/8 | |
| 12 | 0641818 | 4 | Bolt 1/2 x 2-1/4 | |
| 13 | 3311805 | 4 | Nut 1/2 | |
| 15 | 1380147 | 1 | Clip, Spring | |
| 16 | 3910608 | 2 | Screw #6 x 1 | |
| 17 | 3310601 | 2 | Nut #6 | |
| 18 | 4770600 | 2 | Washer #6 | |
| 19 | 4740119 | 2 | Washer | |

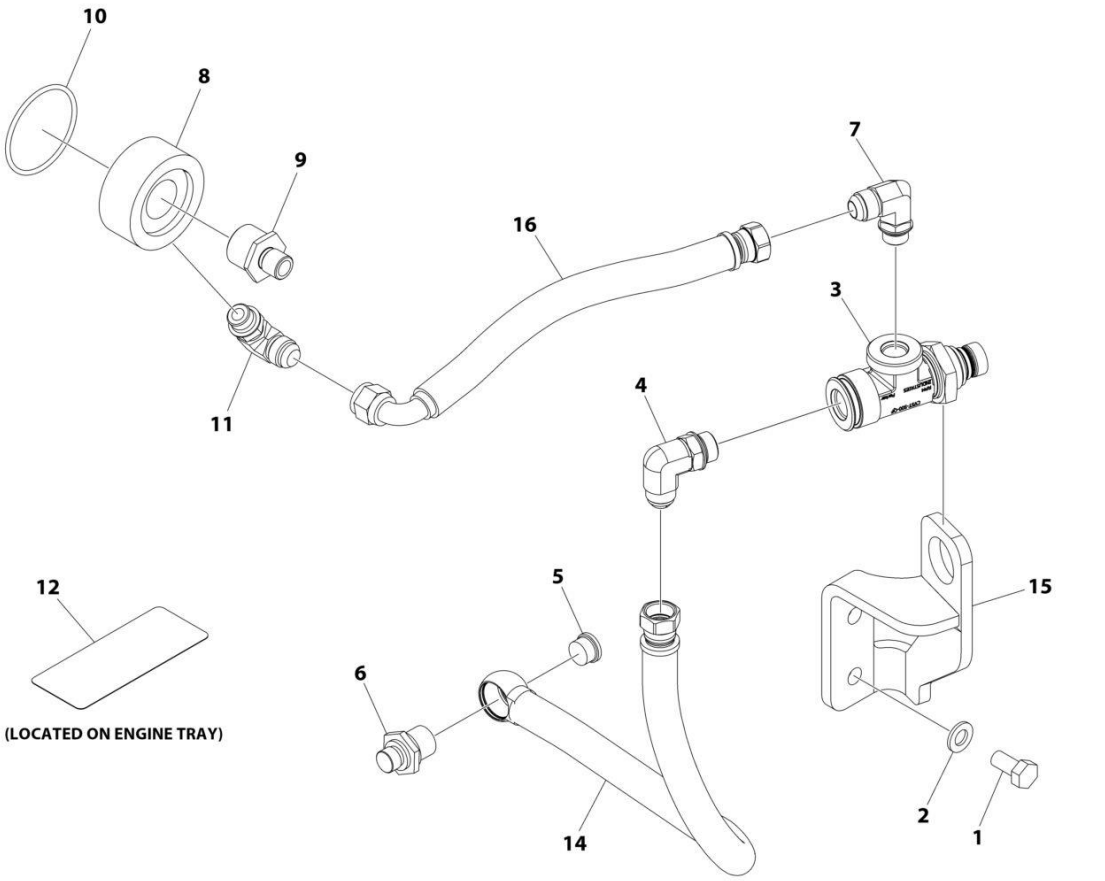
## FIGURE 3-72. ENGINE TRAY JACK INSTALLATION - FORD ENGINES



## FIGURE 3-72. ENGINE TRAY JACK INSTALLATION - FORD ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219881 | Ref | ENGINE TRAY JACK INSTALLATION | B |
| 2 | 0641818 | 4 | Bolt 1/2 x 2-1/4 | |
| 3 | 0761014 | 3 | Bolt M10 x 30 | |
| 4 | 0962051 | 2 | Bearing, Flange | |
| 5 | 1380147 | 1 | Clip, Spring | |
| 6 | 2840016 | 1 | Jack and Handle Assembly | F |
| 6A | 7024598 | 1 | Handle | |
| 7 | 3291007 | 3 | Nut M10 | |
| 8 | 3310601 | 2 | Nut #6-32 | |
| 9 | 3311805 | 4 | Nut 1/2-13 | |
| 10 | 3430816 | 1 | Pin, Clevis | |
| 11 | 3450404 | 1 | Pin, Cotter 1/8 x 1 | |
| 12 | 3537446 | 2 | Bracket | |
| 13 | 3910608 | 2 | Screw #6-32 x 1 | |
| 14 | 4711800 | 6 | Washer 1/2 | |
| 15 | 4770600 | 2 | Washer #6 | |
| 16 | 4812000 | 6 | Washer M10 | |
| 17 | 4891800 | 1 | Washer 1/2 | |
| 18 | 1001218547 | 1 | Bracket | |

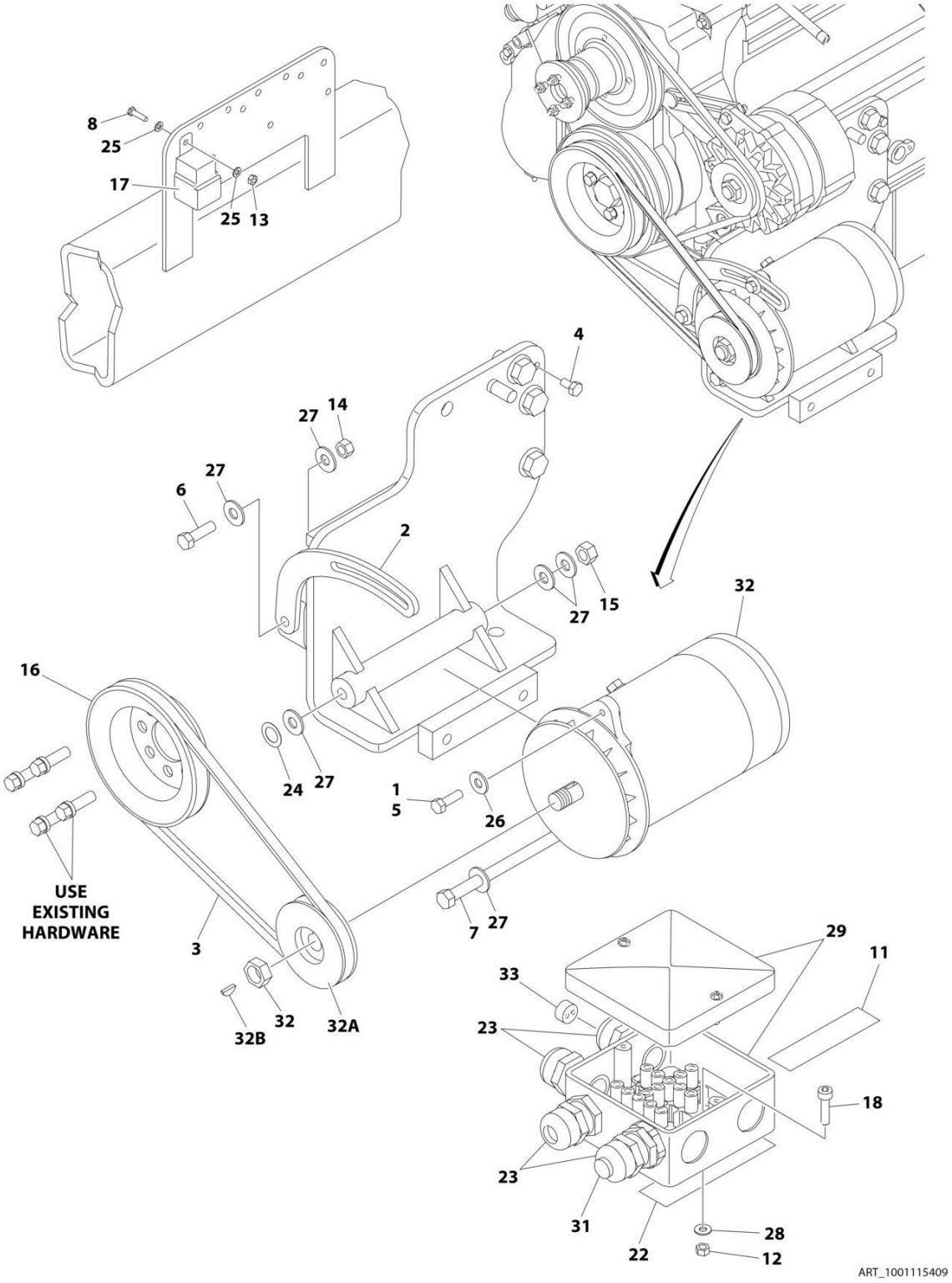
## FIGURE 3-73. QUICKFIT OIL DRAIN VALVE (DEUTZ ENGINES)



## FIGURE 3-73. QUICKFIT OIL DRAIN VALVE (DEUTZ ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285349 | Ref | QUICKFIT OIL VALVE | A |
| 1 | 0761212 | 2 | Bolt M12 x 25 | |
| 2 | 4812100 | 2 | Washer M12 | |
| 3 | 1001281298 | 1 | Valve, Quickfit | |
| 4 | 1001281301 | 1 | Fitting, 90 | |
| 5 | 1001281304 | 1 | Plug | |
| 6 | 1001281305 | 1 | Fitting, Banjo | |
| 7 | 1001281307 | 1 | Fitting, 90 | |
| 8 | 1001281309 | 1 | Filter, Ring | |
| 9 | 1001281310 | 1 | Fitting, Straight | |
| 10 | 1001281311 | 1 | O-Ring | |
| 11 | 1001281359 | 1 | Valve, Check | |
| 12 | 1001281360 | 1 | Decal - RPM Quickfit | |
| 13 | 1001281656 | 1 | Tie-Strap (Not Shown) | |
| 14 | 1001284101 | 1 | Hose | |
| 15 | 1001287536 | 1 | Bracket | |
| 16 | 1001288113 | 1 | Hose | |

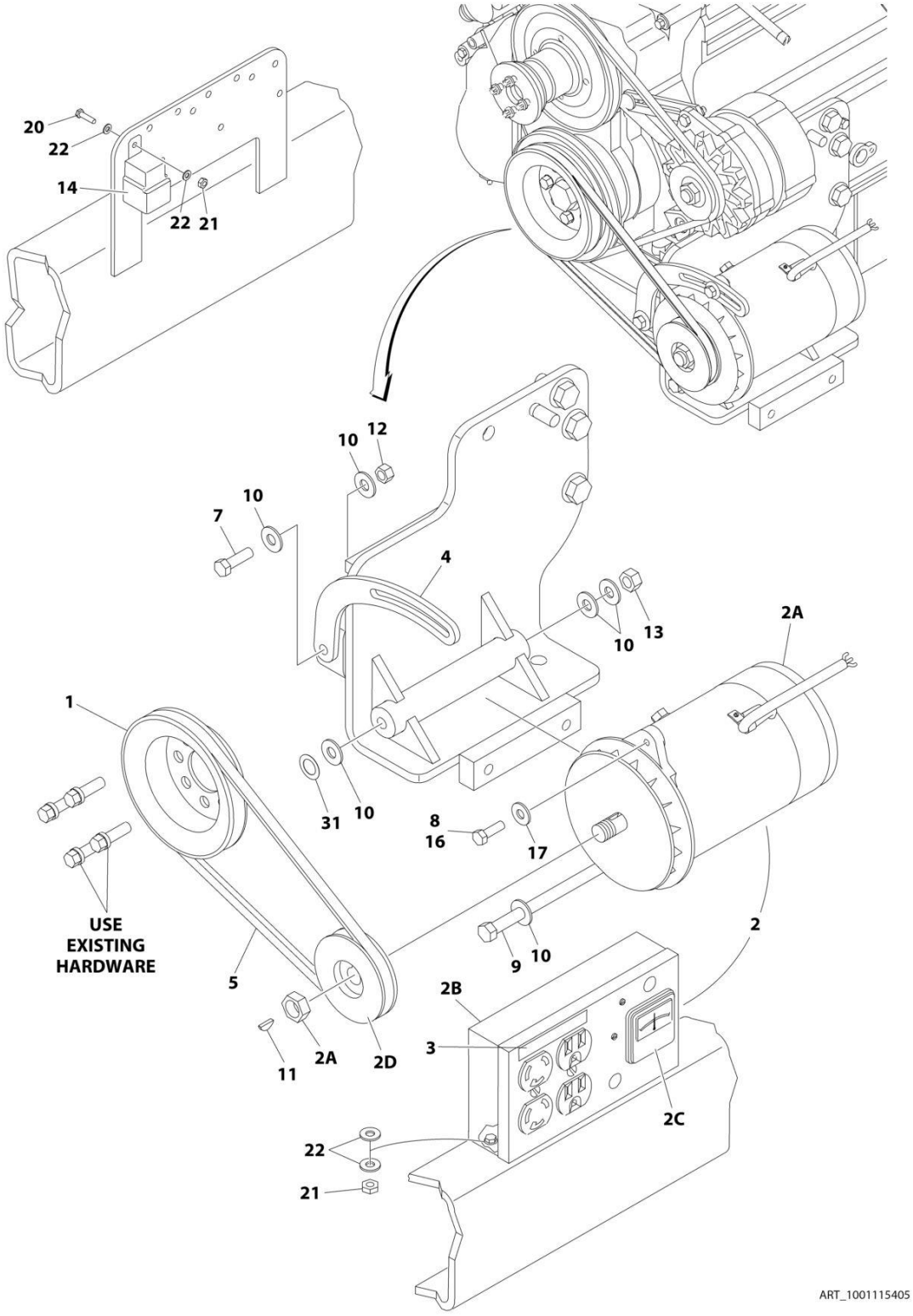
## FIGURE 3-74. 2500W/220V/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



## FIGURE 3-74. 2500W/220V/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001115409 | Ref | 2500W GENERATOR INSTALLATION - 220V/50Hz | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200742 | 1 | Arm, Adjusting | |
| 3 | 0480121 | 1 | V-Belt | |
| 4 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 5 | 0641508 | 1 | Bolt 5/16 x 1 | |
| 6 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 7 | 0641772 | 1 | Bolt 7/16 x 9 | |
| 8 | 0721006 | AR | Bolt #10 x 3/4 | |
| 9 | 2820031 | 4 in/10cm | Heat Shrink (Not Shown - Located at Platform) | |
| 10 | 3251102 | 1 | Decal (Not Shown - Located at Platform) | |
| 11 | 3252507 | 2 | Decal - 220V - 50Hz | |
| | | Ref | Note: One Decal Not Shown - Located on the Inside of Platform Rail. | |
| 12 | 3290505 | 1 | Nut M5 | |
| 13 | 3311005 | 1 | Nut #10 | |
| 14 | 3311605 | 1 | Nut 3/8 | |
| 15 | 3311705 | 1 | Nut 7/16 | |
| 16 | 3580158 | 1 | Pulley | |
| 17 | 3740080 | 1 | Relay | |
| 18 | 4031608 | 1 | Bolt M5 x 20 | |
| 19 | 4060802 | 1 | Guard, Switch (Not Shown - Located at Platform) | |
| 20 | 4240018 | 1 | Tie Strap (Not Shown) | |
| 21 | 4360336 | 1 | Switch, Toggle (Not Shown - Located at Platform) | |
| 22 | 4420060 | AR | Tape, Double Coated Acrylic Foam | |
| 23 | 4460968 | 3 | Connector, Strain Relief | |
| 24 | 4740397 | 1 | Shim | |
| 25 | 4751000 | 2 | Washer #10 | |
| 26 | 4751500 | 1 | Washer 5/16 | |
| 27 | 4751600 | 6 | Washer 3/8 | |
| 28 | 4811600 | 1 | Washer M5 | |
| 29 | 1001099869 | 1 | Box, Junction | |
| 30 | | Ref | Wiring Diagram Components (Not Shown) | |
| 30 | 4922641 | 1 | Generator On/Off Switch Harness (Not Shown - Located at Platform) | |
| 30 | 1001112589 | 1 | Generator Harness (Not Shown) | |
| 31 | 1001100234 | 1 | Light, Red | |
| 32 | 1001100321 | 1 | Generator | |
| 32 | 70000123 | 1 | Armature with Slip Rings | |
| 32 | 7012513 | 4 | Cap, Brush Holder | |
| 32 | 7020108 | 4 | Brush | |
| 32 | 7020109 | 4 | Holder, Brush | |
| 32 | 7012514 | 1 | Fan | |
| 32 | 7020110 | 1 | Bell, Front | |
| 32 | 7020111 | 1 | Bell, Rear | |
| 32 | 7020190 | 1 | Bearing | |
| 32A | 3580134 | 1 | Pulley - 50Hz | |
| 32B | 7027887 | 1 | Key, Woodruff | |
| 33 | 0962449 | 1 | Bushing | |

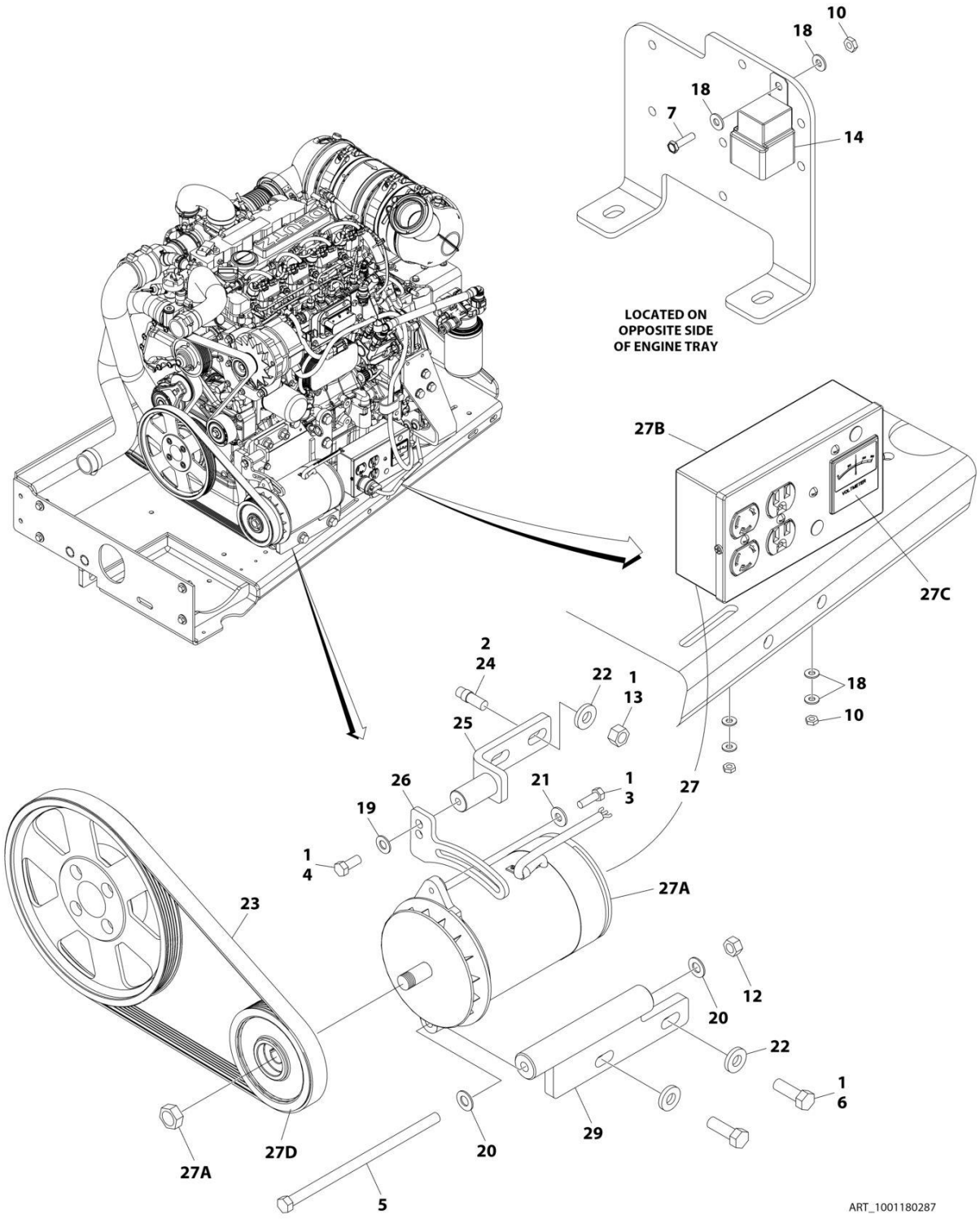
## FIGURE 3-75. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



## FIGURE 3-75. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001115405 | Ref | 2500W GENERATOR INSTALLATION - 110V/60Hz | B |
| 1 | 3580158 | 1 | Pulley | |
| 2 | 2460055 | 1 | Generator and Control Box Assembly: | |
| 2A | 7012558 | 1 | Generator Only - 110V/60Hz | |
| 2A | | Ref | Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below. | |
| 2A | 7026199 | 1 | Armature with Slip Rings | |
| 2A | 7012513 | 4 | Cap, Brush Holder | |
| 2A | 7020108 | 4 | Brush | |
| 2A | 7020109 | 4 | Holder, Brush | |
| 2A | 7012514 | 1 | Fan | |
| 2A | 7020110 | 1 | Bell, Front | |
| 2A | 7020111 | 1 | Bell, Rear | |
| 2A | 7020190 | 1 | Bearing | |
| 2B | 7019680 | 1 | Box, Control | |
| 2B | | Ref | Receptacle Options: | |
| 2B | 4460190 | 1 | Receptacle, Standard | |
| 2B | 4460027 | 1 | Receptacle, Twistlock | |
| 2B | 4360542 | 1 | Breaker, Circuit | |
| 2B | 3520028 | 1 | Plug, Hole | |
| 2C | 2420203 | 1 | Voltmeter | |
| 2D | 3580276 | 1 | Pulley | |
| 2D | 7027887 | 1 | Key, Woodruff | |
| 3 | 3251243 | 1 | Decal - 110V/60Hz | |
| 4 | 0200742 | 1 | Arm, Adjusting | |
| 5 | 0480121 | 1 | V-Belt | |
| 7 | 0641610 | 1 | Bolt 3/8 x 1-1/4 | |
| 8 | 0100011 | AR | Compound, Locking | |
| 9 | 0641772 | 1 | Bolt 7/16 x 9 | |
| 10 | 4751600 | 6 | Washer 3/8 | |
| 11 | 2860012 | 1 | Key, Woodruff | |
| 12 | 3311605 | 1 | Nut 3/8 | |
| 13 | 3311705 | 1 | Nut 7/16 | |
| 14 | 3740080 | 1 | Relay | |
| 16 | 0641508 | 1 | Bolt 5/16 x 1 | |
| 17 | 4751500 | AR | Washer 5/16 | |
| 18 | 1001112588 | 1 | Wiring Diagram Components (Not Shown) | |
| 18 | 1001112589 | 1 | Generator Harness (Not Shown) | |
| 18 | 4922641 | 1 | Generator ON/OFF Switch Harness (Not Shown - Located at Platform) | |
| 20 | 0721006 | AR | Bolt #10 x 3/4 | |
| 21 | 3311005 | 3 | Nut #10 | |
| 22 | 4751000 | AR | Washer #10 | |
| 25 | 4360336 | 1 | Switch, Toggle (Not Shown - Located at Platform) | |
| 26 | 4740397 | 1 | Bushing (Not Shown - Located at Platform) | |
| 27 | 4060802 | 1 | Guard, Switch (Not Shown - Located at Platform) | |
| 29 | 2820031 | 4 in/ 10cm | Heat Shrink (Not Shown - Located at Platform) | |
| 30 | 3251102 | 1 | Decal (Not Shown - Located at Platform) | |
| 31 | 4070585 | AR | Shim | |

## FIGURE 3-76. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES

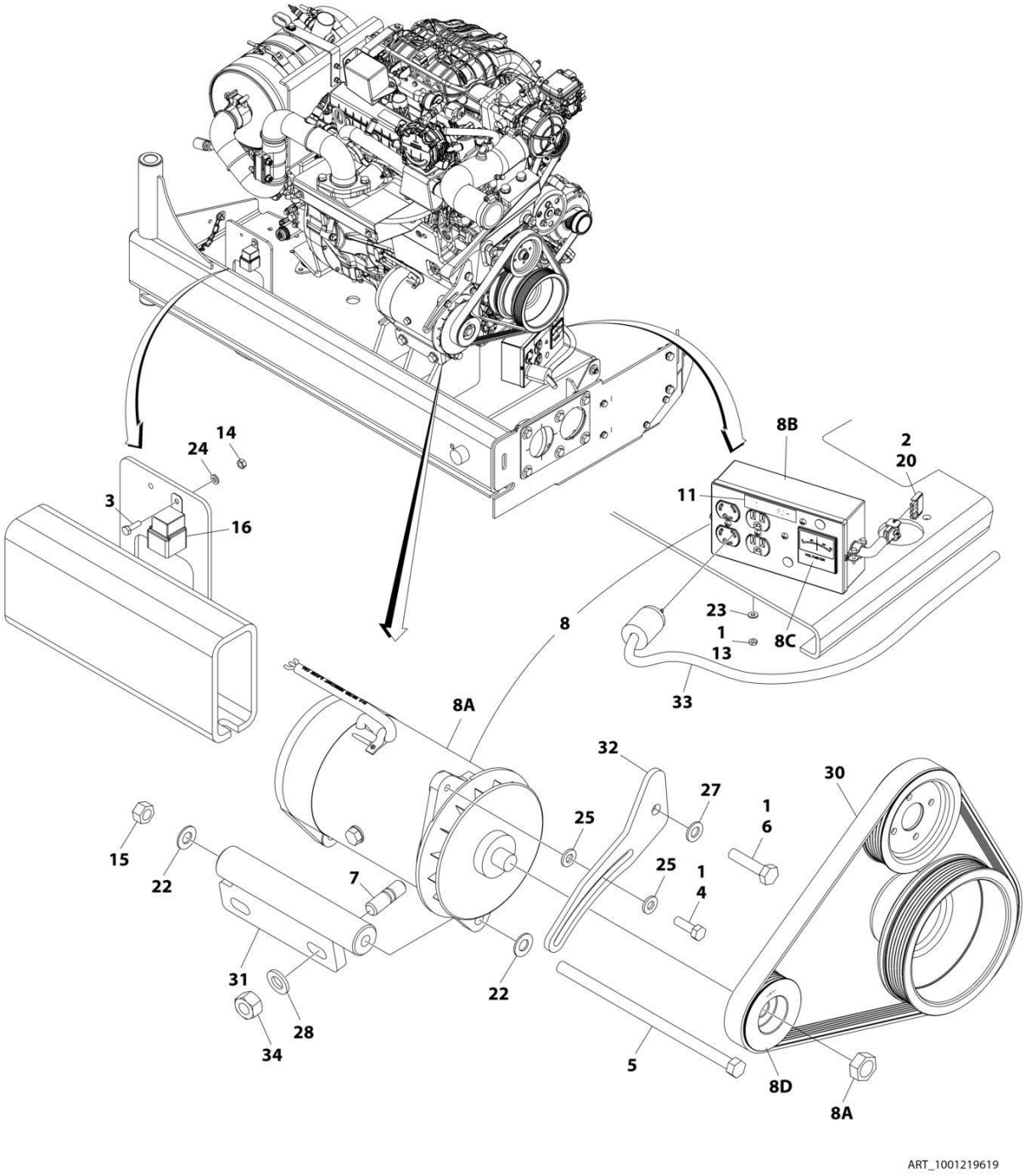


## FIGURE 3-76. 2500W/110V/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180287 | Ref | 2500W GENERATOR INSTALLATION - DEUTZ TD2.9L4 (OPTIONAL) | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0641508 | 1 | Bolt 5/16 x 1 | |
| 4 | 0641607 | 1 | Bolt 3/8 x 7/8 | |
| 5 | 0641772 | 1 | Bolt 7/16 x 9 | |
| 6 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 7 | 0721006 | 1 | Screw #10 x 3/4 | |
| 8 | 2820031 | AR | Heat Shrink (Not Shown - Located at Platform) | |
| 9 | 3251102 | 1 | Name Plate - Generator On (Not Shown - Located at Platform) | |
| 10 | 3311005 | 3 | Nut #10 | |
| 12 | 3311705 | 1 | Nut 7/16 | |
| 13 | 3311801 | 2 | Nut 1/2 | |
| 14 | 3740080 | 1 | Relay | |
| 15 | 4060802 | 1 | Guard, Switch (Not Shown - Located at Platform) | |
| 16 | 4240018 | AR | Strap, Cable Tie (Not Shown) | |
| 17 | 4360336 | 1 | Switch, Toggle (Not Shown - Located at Platform) | |
| 18 | 4711000 | 6 | Washer #10 | |
| 19 | 4711600 | 1 | Washer 3/8 | |
| 20 | 4711700 | 2 | Washer 7/16 | |
| 21 | 4751500 | 1 | Washer 5/16 | |
| 22 | 4891800 | 4 | Washer 1/2 | |
| 23 | 1001148138 | 1 | V-Belt | |
| 24 | 1001163599 | 2 | Stud | |
| 25 | 1001216015 | 1 | Bracket | |
| 26 | 1001179837 | 1 | Arm, Adjustment | |
| 27 | 1001180001 | 1 | Generator and Control Box Assembly | |
| 27A | 7012558 | 1 | Generator Only - 110V/60Hz | |
| 27A | | Ref | Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below. | |
| 27A | 7026199 | 1 | Armature with Slip Rings | |
| 27A | 7012513 | 4 | Cap, Brush Holder | |
| 27A | 7020108 | 4 | Brush | |
| 27A | 7020109 | 4 | Holder, Brush | |
| 27A | 7012514 | 1 | Fan | |
| 27A | 7020110 | 1 | Bell, Front | |
| 27A | 7020111 | 1 | Bell, Rear | |
| 27A | 7020190 | 2 | Bearing | |
| 27B | 7019680 | 1 | Box, Control - 110V/60Hz | |
| 27B | | Ref | Receptacle Options: | |
| 27B | 4460190 | 1 | Receptacle, Standard (110V Only) | |
| 27B | 4460027 | 1 | Receptacle, Twistlock (110V Only) | |
| 27B | 4360542 | 1 | Breaker, Circuit | |
| 27B | 3520028 | 1 | Plug, Hole | |
| 27C | 2420203 | 1 | Voltmeter | |
| 27D | 3580276 | 1 | Pulley | |
| 27D | 7027887 | 1 | Key, Woodruff | |
| 28 | | Ref | Wiring Diagram Components (Not Shown) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 28 | 4922641 | 1 | Generator On/Off Switch Harness (Not Shown - Located at Platform) | |
| 28 | 1001180052 | 1 | Generator Harness (Not Shown) | |
| 29 | 1001181243 | 1 | Mount, Generator | |

## FIGURE 3-77. 2500W/110V/60HZ GENERATOR INSTALLATION - FORD ENGINES

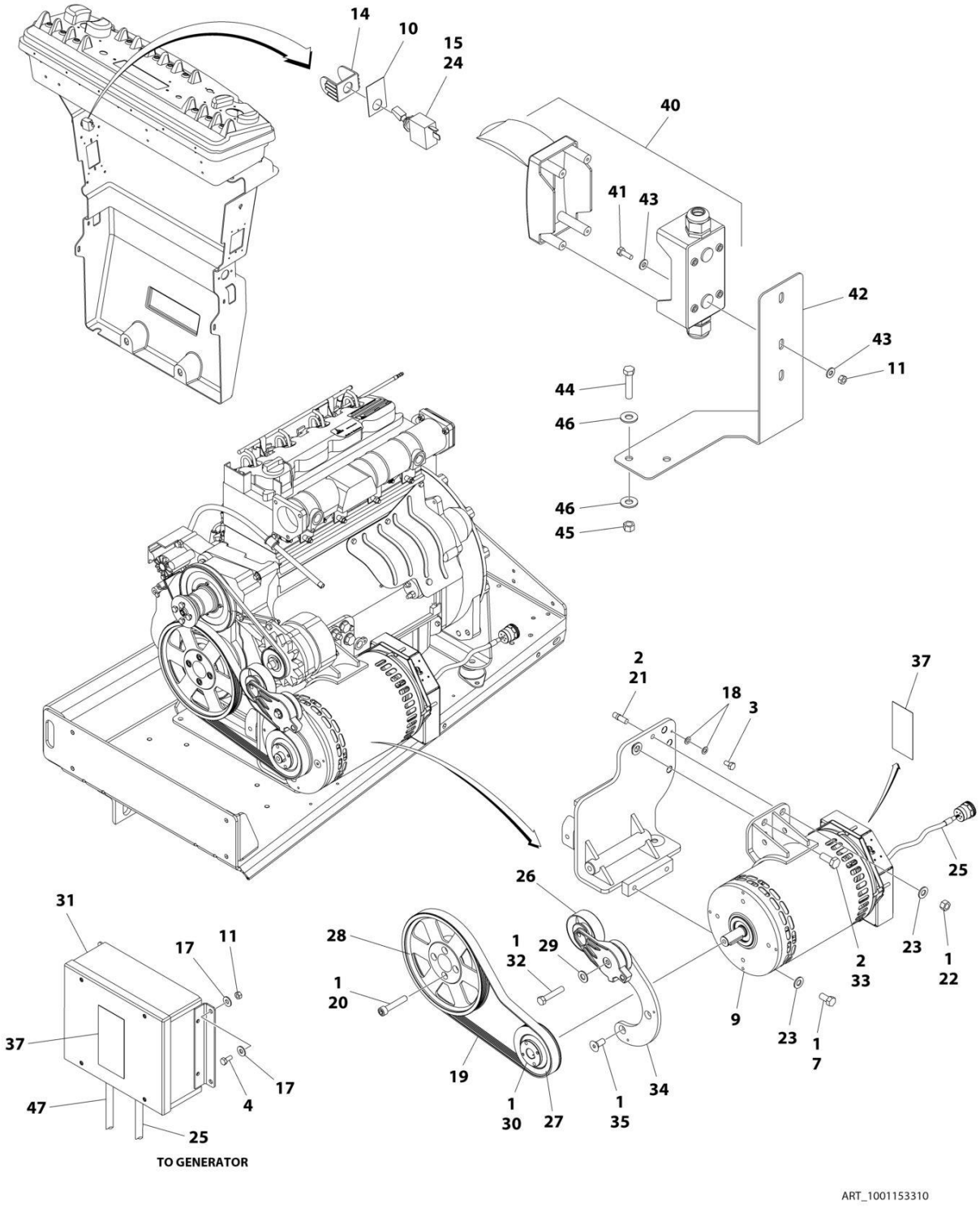


## FIGURE 3-77. 2500W/110V/60HZ GENERATOR INSTALLATION - FORD ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219619 | Ref | 2500W GENERATOR INSTALLATION - FORD MACHINES (OPTIONAL) | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Grease, Dielectric | |
| 3 | 0760610 | 1 | Bolt M6 x 20 | |
| 4 | 0641508 | 1 | Bolt 5/16 x 1 | |
| 5 | 0641772 | 1 | Bolt 7/16 x 9 | |
| 6 | 0761016 | 1 | Bolt M10 x 40 | |
| 7 | 1001155041 | 1 | Stud | |
| 8 | 2460051 | 1 | Generator and Control Box Assembly | |
| 8A | 7012558 | 1 | Generator Only - 110V/60Hz | |
| | | Ref | Note: Replacement Generators come standard with pin 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below. | |
| 8A | 7026199 | 1 | Armature with Slip Rings | |
| 8A | 7012513 | 4 | Cap, Brush Holder | |
| 8A | 7020108 | 4 | Brush | |
| 8A | 7020109 | 4 | Holder, Brush | |
| 8A | 7012514 | 1 | Fan | |
| 8A | 7020110 | 1 | Bell, Front | |
| 8A | 7020111 | 1 | Bell, Rear | |
| 8A | 7020190 | 2 | Bearing | |
| 8B | 7019680 | 1 | Box, Control - 110V/60Hz | |
| 8B | | Ref | Receptacle Options: | |
| 8B | 4460190 | 1 | Receptacle, Standard (110V Only) | |
| 8B | 4460027 | 1 | Receptacle, Twistlock (110V Only) | |
| 8B | 4360542 | 1 | Breaker, Circuit | |
| 8B | 3520028 | 1 | Plug, Hole | |
| 8C | 2420203 | 1 | Voltmeter | |
| 8D | 3580324 | 1 | Pulley | |
| 8D | 7027887 | 1 | Key, Woodruff | |
| 9 | 2820031 | 1 | Heat Shrink (Not Shown - Located at Platform) | |
| 10 | 3251102 | 1 | Nameplate Generator (Not Shown - Located at Platform) | |
| 11 | 3251243 | 1 | Decal - 120V-60Hz | |
| 13 | 3311005 | 2 | Nut #10 | |
| 14 | 3290601 | 1 | Nut M6 | |
| 15 | 3311705 | 1 | Nut 7/16 | |
| 16 | 3740080 | 1 | Relay | |
| 17 | 4060802 | 1 | Guard Switch (Not Shown - Located at Platform) | |
| 18 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 19 | 4360336 | 1 | Switch, Toggle (Not Shown - Located at Platform) | |
| 20 | 4460321 | 1 | Plug, Male - 4 Position | |
| 22 | 4711700 | 2 | Washer 7/16 | |
| 23 | 4751000 | 2 | Washer #10 | |
| 24 | 4811700 | 1 | Washer M6 | |
| 25 | 4891500 | 2 | Washer 5/16 | |
| 27 | 4812000 | 1 | Washer M10 | |
| 28 | 4812200 | 2 | Washer M14 | |
| 29 | | Ref | Wiring Diagram Components (Not Shown) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 29 | 4922641 | 1 | Generator On/Off Switch Harness (Not Shown - Located at Platform) | |
| 29 | 4923445 | 1 | Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) | |
| 30 | 1001216391 | 1 | V-Belt | |
| 31 | 1001219630 | 1 | Mount, Generator | |
| 32 | 1001219632 | 1 | Arm, Adjustment | |
| 33 | 4921829 | 1 | Harness, Inverter | |
| 34 | 3291201 | 2 | Nut M12 | |

## FIGURE 3-78. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



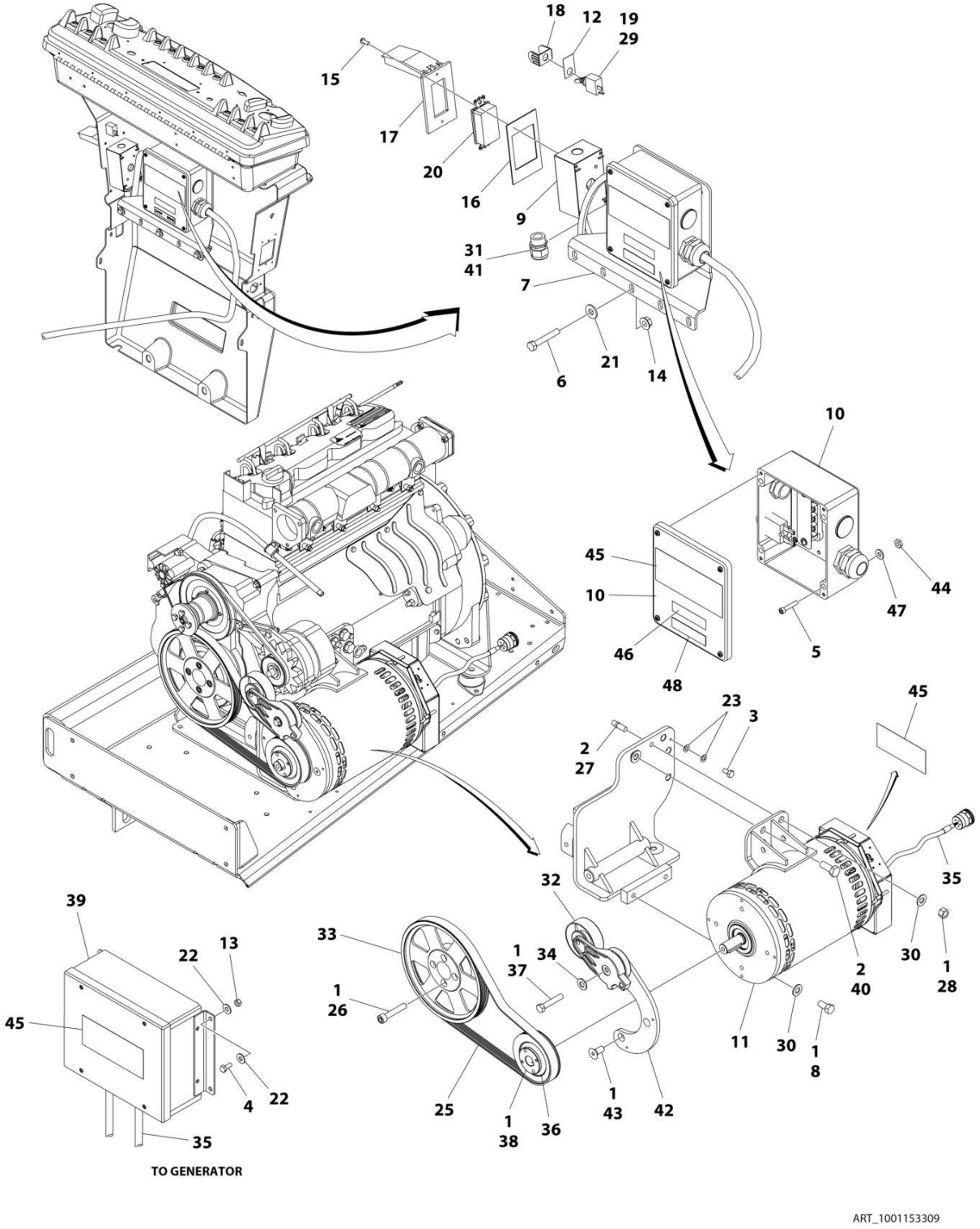
## FIGURE 3-78. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153310 | Ref | 4000W/50HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 4 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 7 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 9 | 1001138565 | 1 | Generator Assembly | |
| 9 | 70003709 | 1 | Ring, Retaining (External) | |
| 9 | 70003708 | 1 | Ring, Retaining (Internal) | |
| 9 | 70001966 | 1 | Bearing | |
| 9 | 70004092 | 1 | Endbell (Shaft End) | |
| 9 | 70004171 | 1 | Key | |
| 9 | 70004676 | 1 | Rotor | |
| 9 | 70004677 | 1 | Stator | |
| 9 | 70004678 | 1 | Endbell (Rear) | |
| 9 | 70004679 | 1 | Cover, Endbell (Rear) | |
| 9 | 70004680 | 1 | Enclosure, Wiring | |
| 9 | 70004681 | 1 | Cover, Enclosure | |
| 9 | 70004682 | 1 | Switch, Reset (Located on Enclosure Cover) | |
| 9 | 70004683 | 1 | Connector, Strain Relief (Located on Enclosure Cover) | |
| 10 | 3251102 | 1 | Nameplate - Generator | |
| 11 | 3311405 | 6 | Nut 1/4 | |
| 14 | 4060802 | 1 | Guard, Switch | |
| 15 | 4360336 | 1 | Switch, Toggle | |
| 17 | 4751400 | 8 | Washer 1/4 | |
| 18 | 4791400 | 2 | Washer 1/4 | |
| 19 | 0480126 | 1 | Belt, Generator | |
| 20 | 4032015 | 4 | Capscrew M10 x 55 | |
| 21 | 4300157 | 1 | Stud | |
| 22 | 3311801 | 1 | Nut 1/2 | |
| 23 | 4711800 | 3 | Washer 1/2 | |
| 24 | 2820031 | AR | Heat Shrink | |
| 25 | 1001152532 | 1 | Harness, Generator (See Separate Breakdown in ELECTRICAL Section) | |
| 26 | 3580317 | 1 | Pulley, Tensioner | |
| 27 | 3580319 | 1 | Pulley, Generator | |
| 28 | 3580320 | 1 | Pulley, Engine | |
| 29 | 4711600 | 1 | Washer 3/8 | |
| 30 | 0962520 | 1 | Bushing | |
| 31 | 1001138566 | 1 | Box, Control | |
| 31 | 70006552 | 1 | Capacitor | |
| 31 | 70006553 | 1 | Relay | |
| 32 | 0641616 | 1 | Bolt 3/8 x 2 | |
| 33 | 0771415 | 1 | Bolt M14 x 35 | |
| 34 | 1001139357 | 1 | Mount, Tensioner | |
| 35 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 37 | 1705489 | 2 | Decal - Hazardous Voltage | |
| 40 | 1001165368 | 1 | Breaker Box Kit (See Separate Breakdown in ELECTRICAL SECTION) | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 41 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 42 | 1001177910 | 1 | Bracket | |
| 43 | 4711400 | 4 | Washer 1/4 | |
| 44 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 45 | 3311605 | 2 | Nut 3/8 | |
| 46 | 4751600 | 4 | Washer 3/8 | |
| 47 | 1001153197 | 1 | Generator Harness (See Separate Breakdown in ELECTRICAL SECTION) | |

## FIGURE 3-79. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



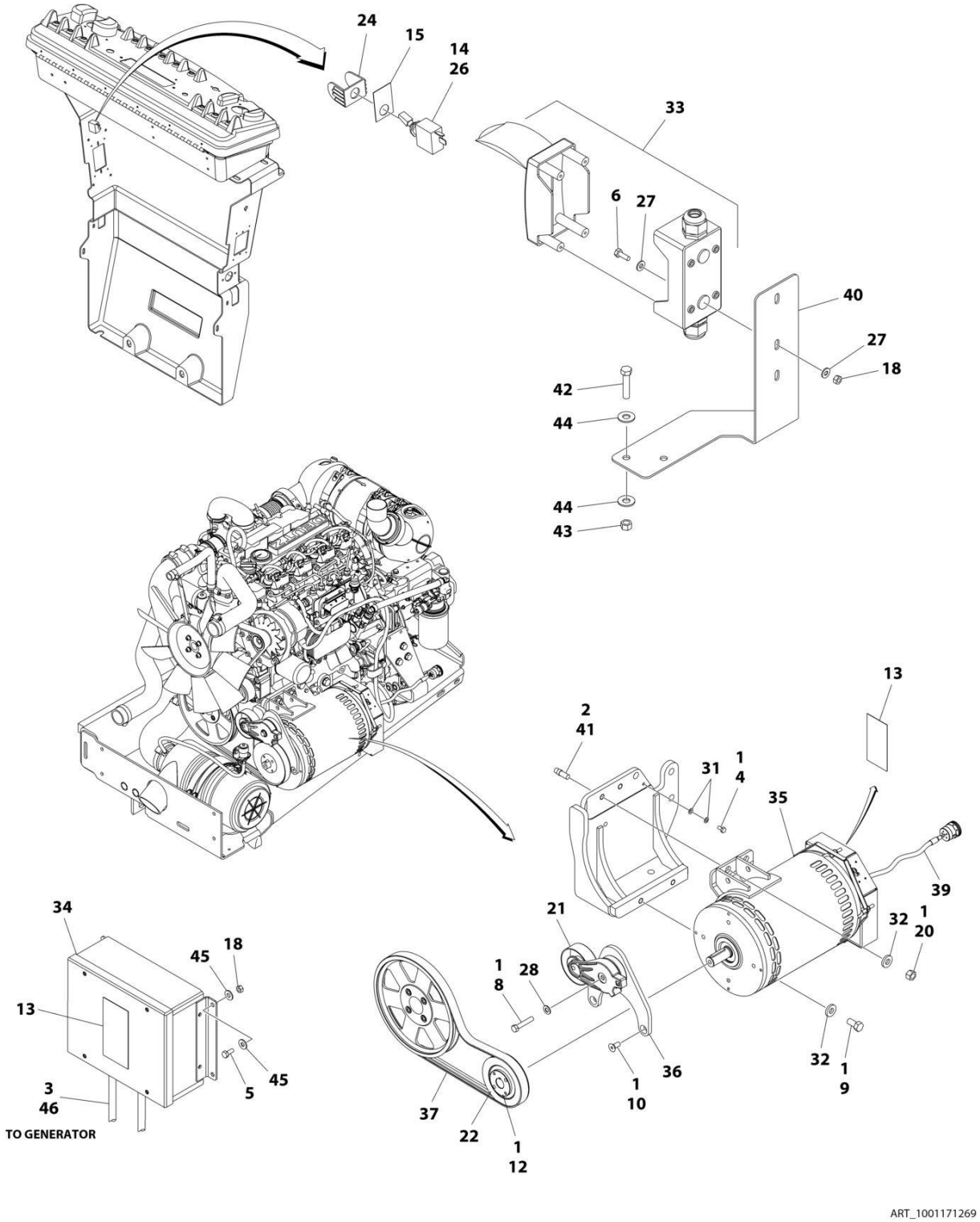
## FIGURE 3-79. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153309 | Ref | 4000W/60HZ GENERATOR INSTALLATION - DEUTZ D2011 ENGINES | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 4 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 5 | 3931016 | 4 | Capscrew #10 x 1 | |
| 6 | 0641516 | 3 | Bolt 5/16 x 2 | |
| 7 | 0902888 | 1 | Bracket | |
| 8 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 9 | 0860038 | 1 | Box, Receptacle | |
| 10 | 1001152457 | 1 | Junction Box Assembly | |
| 10 | 3300396 | 1 | Cover, Breaker | |
| 10 | 4360070 | 1 | Breaker, Circuit - 15Amp | |
| 10 | 4460425 | 1 | Connector, Strain Relief (LH Side) | |
| 10 | 4460426 | 1 | Connector, Strain Relief (RH Side) | |
| 10 | 1001152530 | 1 | Block, Terminal | |
| 10 | 1001158363 | 1 | Cover, Terminal Block | |
| 10 | 1001153260 | 1 | Decal - Wiring Diagram | |
| 11 | 1001129858 | 1 | Generator Assembly | |
| 11 | 70003709 | 1 | Ring, Retaining (External) | |
| 11 | 70003708 | 1 | Ring, Retaining (Internal) | |
| 11 | 70001966 | 1 | Bearing | |
| 11 | 70004092 | 1 | Endbell (Shaft End) | |
| 11 | 70004171 | 1 | Key | |
| 11 | 70004676 | 1 | Rotor | |
| 11 | 70004684 | 1 | Stator | |
| 11 | 70004678 | 1 | Endbell (Rear) | |
| 11 | 70004679 | 1 | Cover, Endbell (Rear) | |
| 11 | 70004680 | 1 | Enclosure, Wiring | |
| 11 | 70004685 | 1 | Cover, Enclosure | |
| 11 | 70004682 | 1 | Switch, Reset (Located on Enclosure Cover) | |
| 11 | 70004098 | 1 | Connector, Strain Relief (Located on Enclosure Cover) | |
| 12 | 3251102 | 1 | Nameplate - Generator | |
| 13 | 3311405 | 4 | Nut 1/4 | |
| 14 | 3311508 | 3 | Nut 5/16 | |
| 15 | 3910606 | 4 | Screw #6 x 3/8 | |
| 16 | 3960422 | 1 | Gasket, Receptacle | |
| 17 | 1001110873 | 1 | Cover, Receptacle | |
| 18 | 4060802 | 1 | Guard, Switch | |
| 19 | 4360336 | 1 | Switch, Toggle | |
| 20 | 4460346 | 1 | Receptacle | |
| 21 | 4751500 | 3 | Washer 5/16 | |
| 22 | 4751400 | 8 | Washer 1/4 | |
| 23 | 4791400 | 2 | Washer 1/4 | |
| 25 | 0480129 | 1 | Belt, Generator | |
| 26 | 4032015 | 4 | Capscrew M10 x 55 | |
| 27 | 4300157 | 1 | Stud | |
| 28 | 3311801 | 1 | Nut 1/2 | |
| 29 | 2820031 | AR | Heat Shrink | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 30 | 4711800 | 3 | Washer 1/2 | |
| 31 | 4460071 | 1 | Connector, Strain Relief | |
| 32 | 3580317 | 1 | Pulley, Tensioner | |
| 33 | 3580320 | 1 | Pulley, Engine | |
| 34 | 4711600 | 1 | Washer 3/8 | |
| 35 | 1001152532 | 1 | Harness, Generator (See Separate Breakdown in ELECTRICAL Section) | |
| 36 | 3580318 | 1 | Pulley, Generator | |
| 37 | 0641616 | 1 | Bolt 3/8 x 2 | |
| 38 | 0962520 | 1 | Bushing | |
| 39 | 1001138566 | 1 | Box, Control | |
| 39 | 70006552 | 1 | Capacitor | |
| 39 | 70006553 | 1 | Relay | |
| 40 | 0771415 | 1 | Bolt M14 x 35 | |
| 41 | 0100020 | AR | Sealant | |
| 42 | 1001139357 | 1 | Mount, Tensioner | |
| 43 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 44 | 3311005 | 4 | Nut #10 | |
| 45 | 1705387 | 3 | Decal - Hazardous Voltage | |
| 46 | 3251243 | 1 | Decal - 120V-60Hz | |
| 47 | 4751000 | 4 | Washer #10 | |
| 48 | 1705374 | 1 | Decal - 240V-60Hz | |

## FIGURE 3-80. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES



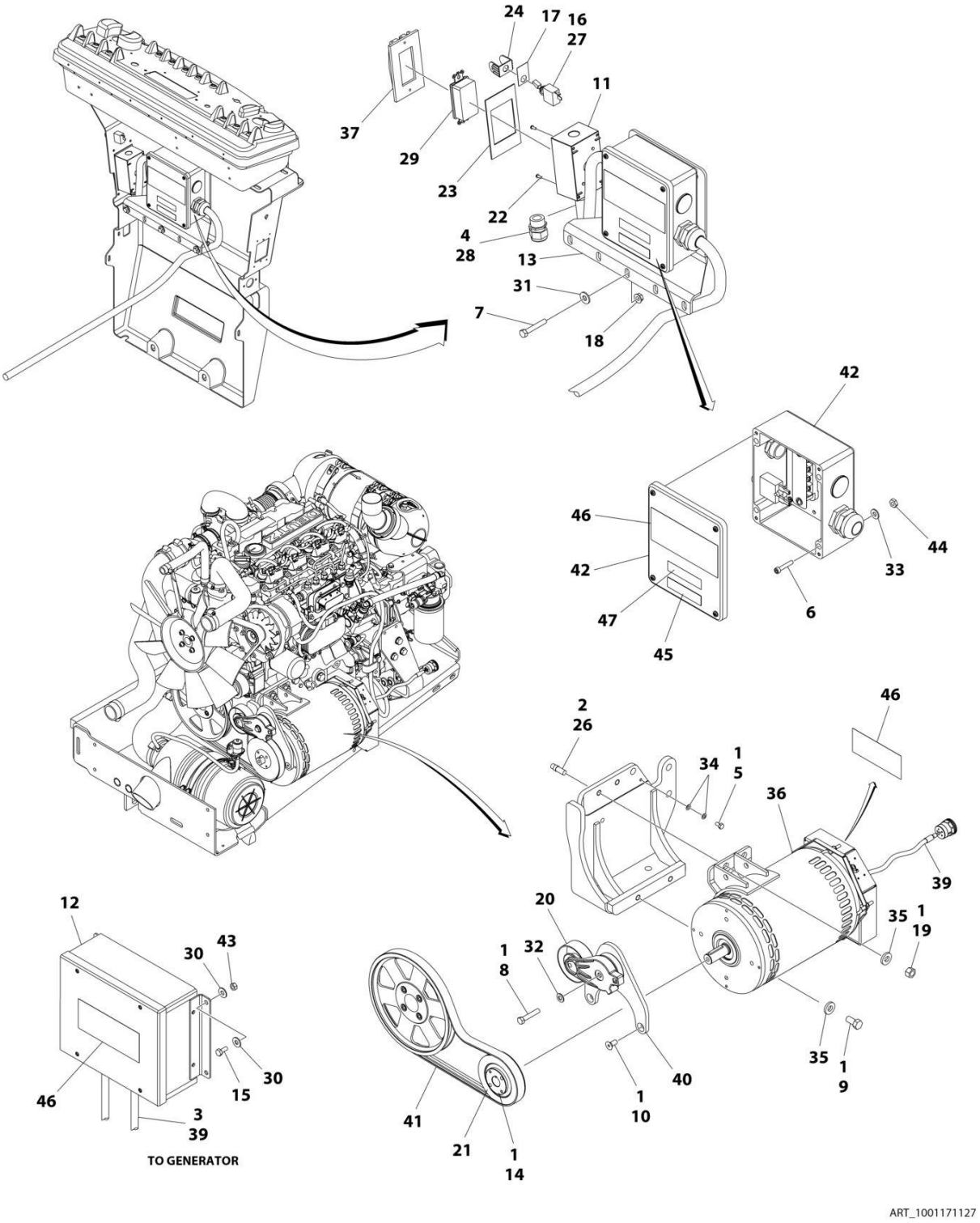
## FIGURE 3-80. 4000W/50HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171269 | Ref | 4000W/50HZ GENERATOR INSTALLATION | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 5 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 6 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 8 | 0641618 | 1 | Bolt 3/8 x 2-1/4 | |
| 9 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 10 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 12 | 0962520 | 1 | Bushing, Split | |
| 13 | 1705489 | 2 | Decal - Hazardous Voltage | |
| 14 | 2820031 | AR | Heat Shrink | |
| 15 | 3251102 | 1 | Nameplate - Generator | |
| 18 | 3311405 | 6 | Nut 1/4 | |
| 20 | 3311801 | 2 | Nut 1/2 | |
| 21 | 3580317 | 1 | Tensioner, Belt with Pulley | |
| 22 | 3580319 | 1 | Pulley, Generator | |
| 24 | 4060802 | 1 | Guard, Switch | |
| 25 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 26 | 4360336 | 1 | Switch, Toggle | |
| 27 | 4711400 | 4 | Washer 1/4 | |
| 28 | 4711600 | 1 | Washer 3/8 | |
| 31 | 4791400 | 2 | Washer 1/4 | |
| 32 | 4891800 | 4 | Washer 1/2 | |
| 33 | 1001165368 | 1 | Breaker Box Kit (See Separate Breakdown in ELECTRICAL SECTION) | |
| 34 | 1001138566 | 1 | Box, Control | |
| 34 | 70006552 | 1 | Capacitor | |
| 34 | 70006553 | 1 | Relay | |
| 35 | 1001140347 | 1 | Generator Assembly | |
| 35 | 70003709 | 1 | Ring, Retaining (External) | |
| 35 | 70003708 | 1 | Ring, Retaining (Internal) | |
| 35 | 70001966 | 1 | Bearing | |
| 35 | 70004092 | 1 | Endbell (Shaft End) | |
| 35 | 70004099 | 1 | Key | |
| 35 | 70004676 | 1 | Rotor | |
| 35 | 70004686 | 1 | Stator | |
| 35 | 70004678 | 1 | Endbell (Rear) | |
| 35 | 70004679 | 1 | Cover, Endbell (Rear) | |
| 35 | 70004680 | 1 | Enclosure, Wiring | |
| 35 | 70004681 | 1 | Cover, Enclosure (50Hz) | |
| 35 | 70004682 | 1 | Switch, Reset (Located on Enclosure Cover) | |
| 35 | 70004683 | 1 | Connector, Strain Relief (50Hz) (Located on Enclosure Cover) | |
| 35 | 4460224 | 1 | Connector - 6 Position (50Hz) (Located on Enclosure Cover) | |
| 35 | 4460294 | 2 | Pin, Male (50Hz) (Located on Enclosure Cover) | |
| 36 | 1001142643 | 1 | Support, Gen Tensioner | |
| 37 | 1001142645 | 1 | Belt, Generator (50Hz) | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 39 | 1001152532 | 1 | Harness, Generator (See Separate Breakdown in ELECTRICAL Section) | |
| 40 | 1001177910 | 1 | Bracket | |
| 41 | 1001163599 | 2 | Stud | |
| 42 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 43 | 3311605 | 2 | Nut 3/8 | |
| 44 | 4751600 | 4 | Washer 3/8 | |
| 45 | 4751400 | 8 | Washer 1/4 | |
| 46 | 1001153259 | 1 | Generator Harness (See Separate Breakdown in ELECTRICAL SECTION) | |

## FIGURE 3-81. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES



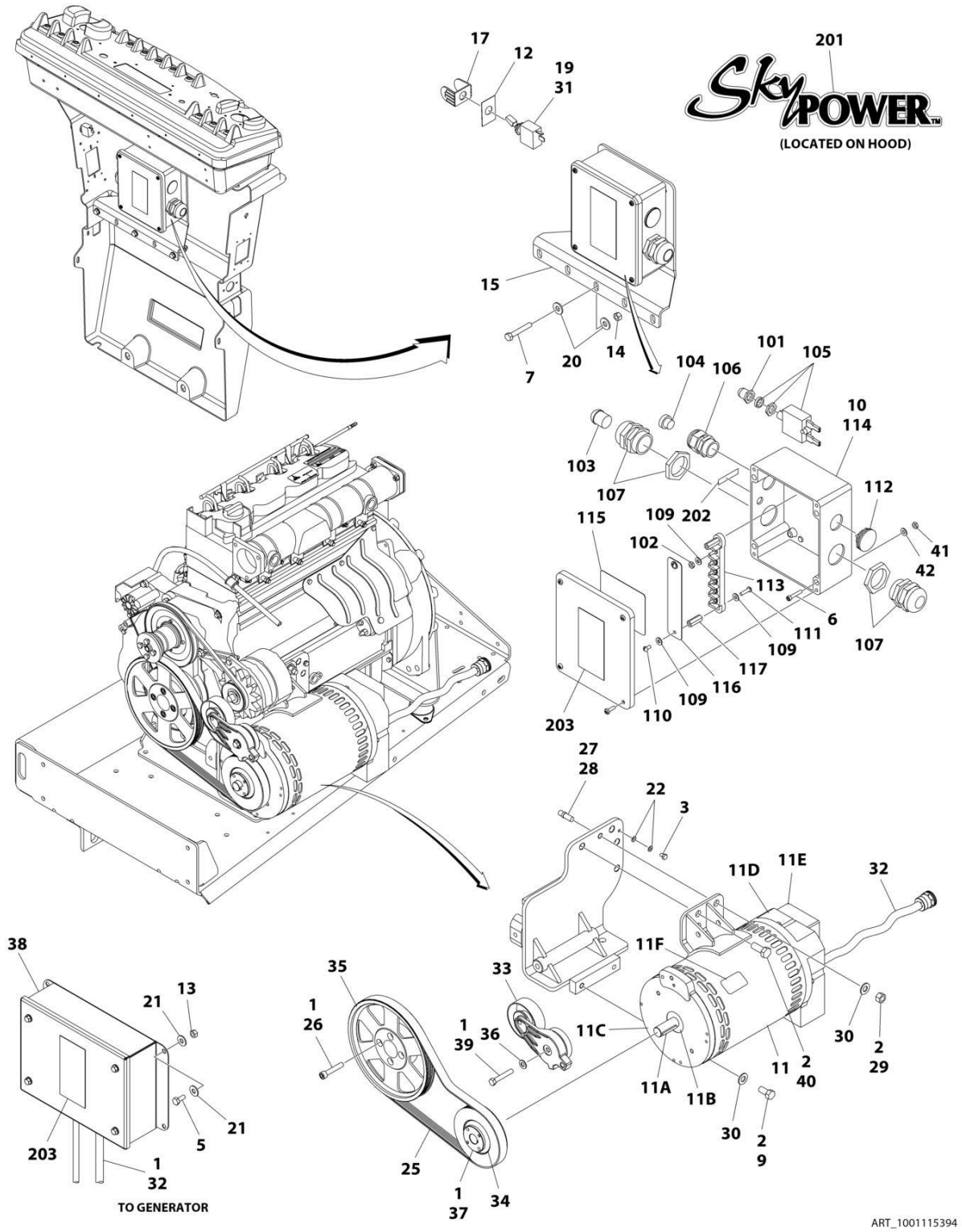
## FIGURE 3-81. 4000W/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171127 | Ref | 4000W/60HZ GENERATOR INSTALLATION - DEUTZ TD2.9L4 ENGINES | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0100079 | AR | Sealant | |
| 5 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 6 | 3931016 | 4 | Capscrew #10 x 1 | |
| 7 | 0641516 | 3 | Bolt 5/16 x 2 | |
| 8 | 0641618 | 1 | Bolt 3/8 x 2-1/4 | |
| 9 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 10 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 11 | 0860038 | 1 | Box, Switch | |
| 12 | 1001138566 | 1 | Box, Control | |
| 12 | 70006552 | 1 | Capacitor | |
| 12 | 70006553 | 1 | Relay | |
| 13 | 0902888 | 1 | Bracket, Junction Box | |
| 14 | 0962520 | 1 | Bushing, Split | |
| 15 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 16 | 2820031 | AR | Heat Shrink | |
| 17 | 3251102 | 1 | Nameplate - Generator | |
| 18 | 3311508 | 3 | Nut 5/16 | |
| 19 | 3311801 | 2 | Nut 1/2 | |
| 20 | 3580317 | 1 | Tensioner, Belt with Pulley | |
| 21 | 3580318 | 1 | Pulley, Generator | |
| 22 | 3910606 | 4 | Screw #6 x 3/8 | |
| 23 | 3960422 | 1 | Gasket, AC Receptacle | |
| 24 | 4060802 | 1 | Guard, Switch | |
| 25 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 26 | 1001163599 | 2 | Stud | |
| 27 | 4360336 | 1 | Switch, Toggle | |
| 28 | 4460071 | 1 | Connector, Strain Relief | |
| 29 | 4460346 | 1 | Receptacle | |
| 30 | 4711400 | AR | Washer 1/4 | |
| 31 | 4751500 | 3 | Washer 5/16 | |
| 32 | 4711600 | 1 | Washer 3/8 | |
| 33 | 4751000 | 4 | Washer #10 | |
| 34 | 4791400 | 2 | Washer 1/4 | |
| 35 | 4891800 | 4 | Washer 1/2 | |
| 36 | 1001140346 | 1 | Generator Assembly | |
| 36 | 70003709 | 1 | Ring, Retaining (External) | |
| 36 | 70003708 | 1 | Ring, Retaining (Internal) | |
| 36 | 70001966 | 1 | Bearing | |
| 36 | 70004092 | 1 | Endbell (Shaft End) | |
| 36 | 70004099 | 1 | Key | |
| 36 | 70004676 | 1 | Rotor | |
| 36 | 70004687 | 1 | Stator | |
| 36 | 70004678 | 1 | Endbell (Rear) | |
| 36 | 70004679 | 1 | Cover, Endbell (Rear) | |
| 36 | 70004680 | 1 | Enclosure, Wiring | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 36 | 70004685 | 1 | Cover, Enclosure | |
| 36 | 70004682 | 1 | Switch, Reset (Located on Enclosure Cover) | |
| 36 | 70004098 | 1 | Connector, Strain Relief (Located on Enclosure Cover) | |
| 37 | 1001110873 | 1 | Cover, Receptacle | |
| 39 | 1001152532 | 1 | Harness, Generator | |
| 40 | 1001142643 | 1 | Support, Gen Tensioner | |
| 41 | 1001142646 | 1 | Belt, Generator | |
| 42 | 1001152457 | 1 | Junction Box Assembly | |
| 42 | 3300396 | 1 | Cover, Breaker | |
| 42 | 4360070 | 1 | Breaker, Circuit - 15Amp | |
| 42 | 4460425 | 1 | Connector, Strain Relief (LH Side) | |
| 42 | 4460426 | 1 | Connector, Strain Relief (RH Side) | |
| 42 | 1001152530 | 1 | Block, Terminal | |
| 42 | 1001158363 | 1 | Cover, Terminal Block | |
| 42 | 1001153260 | 1 | Decal - Wiring Diagram | |
| 43 | 3311405 | 4 | Nut 1/4 | |
| 44 | 3311005 | 4 | Nut #10 | |
| 45 | 1705374 | 1 | Decal - 240V (60Hz) | |
| 46 | 1705387 | 3 | Decal - Hazardous Voltage | |
| 47 | 3251243 | 1 | Decal - 120V-60Hz | |

## FIGURE 3-82. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



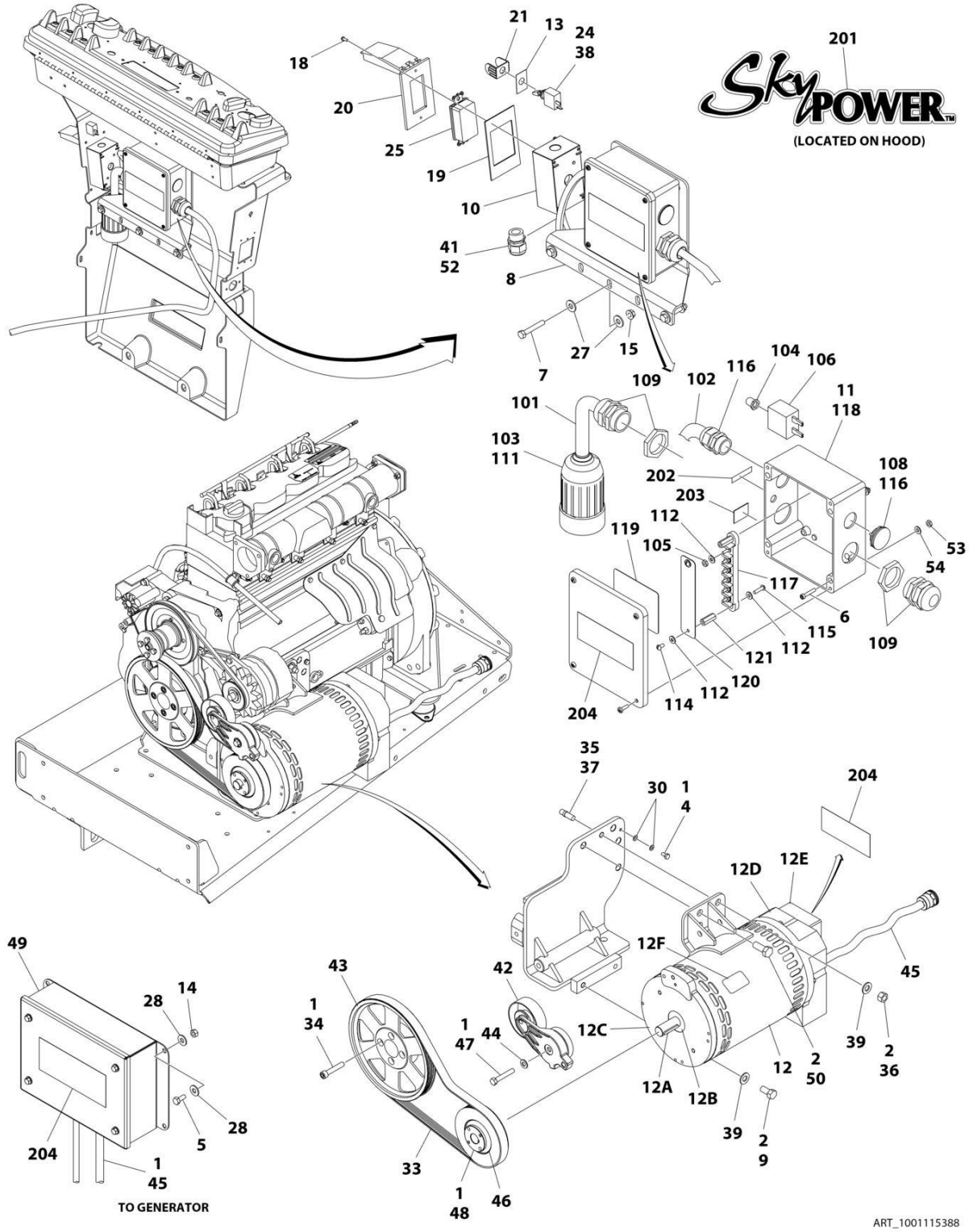
## FIGURE 3-82. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001115394 | Ref | 7500W/50HZ SKYPOWER GENERATOR INSTALLATION | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0641403 | 1 | Bolt 1/4 x 3/8 | |
| 5 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 6 | 3931016 | 4 | Capscrew 3/8 x 1 | |
| 7 | 0641516 | 3 | Bolt 5/16 x 2 | |
| 9 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 10 | 1001157525 | 1 | Junction Box Assembly (See Items 101-117 for Breakdown) | |
| 11 | 2460048 | 1 | Generator Assembly | |
| 11 | 70001100 | 1 | Rotor (Includes p/n 70001384 & 70000863) (Not Shown) | |
| 11 | 70001384 | 1 | Bearing, Ball Radial (Not Shown): | |
| 11 | 70000863 | 1 | Fan (Not Shown) | |
| 11 | 70002088 | 1 | Stator (Not Shown) | |
| 11 | 70002297 | 1 | Stud | |
| 11 | 70003631 | 1 | Brushholder Assembly (Not Shown) | |
| 11A | 70004171 | 1 | Key | |
| 11B | 70001966 | 1 | Bearing, Ball Radial (Located in Belt Tensioner Endbell) | |
| 11B | 70003708 | 1 | Ring, Internal Retaining (Located in Belt Tensioner Endbell) | |
| 11B | 70003709 | 1 | Ring, External Retaining (Located in Belt Tensioner Endbell) | |
| 11C | 70001953 | 1 | Endbell, Belt Tensioner | |
| 11D | 70004169 | 1 | Endbell, Brush Block | |
| 11E | 70004169 | 1 | Shroud | |
| 11E | See Note | NSS | Insulator, Endbell (Note: Not Available for Purchase) | |
| 11E | 7027799 | 1 | Block, Connector 6 Position (Not Shown) | |
| 11E | 70002460 | 1 | Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown) | |
| 11E | 7024485 | 1 | Breaker, Circuit 30Amp (Not Shown) | |
| 11E | 70001696 | 1 | Boot, Breaker (Not Shown) | |
| 11E | 7026626 | 1 | Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36) | |
| 11E | 7026597 | 1 | Connector, with Leads (Not Shown) | |
| 11E | 7026188 | 1 | Clamp, Cable (Not Shown) | |
| 11E | 70004169 | 1 | Plate, End Panel | |
| 11E | 70001974 | 1 | Decal - Terminal Connections | |
| 11F | 70001973 | 1 | Decal - Warning Moving Parts | |
| 12 | 3252764 | 1 | Nameplate | |
| 13 | 3311405 | 4 | Nut 1/4 | |
| 14 | 3311505 | 3 | Nut 5/16 | |
| 15 | 0902888 | 1 | Bracket, Box Mounting | |
| 17 | 4060802 | 1 | Guard, Switch | |
| 19 | 4360336 | 1 | Switch, Toggle | |
| 20 | 4711500 | 6 | Washer 5/16 | |
| 21 | 4751400 | 8 | Washer 1/4 | |
| 22 | 4791400 | 2 | Washer 1/4 | |
| 25 | 0480126 | 1 | Belt, Drive | |
| 26 | 4032015 | 4 | Capscrew M10 X 55 | |
| 27 | 4300157 | 1 | Stud | |
| 28 | 0100062 | AR | Adhesive | |
| 29 | 3311801 | 1 | Nut 1/2 | |
| 30 | 4711800 | 3 | Washer 1/2 | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 31 | 2820031 | 1 | Heat Shrink | |
| 32 | 4922925 | 1 | Harness, Generator | |
| 33 | 3580317 | 1 | Tensioner, Belt with Pulley | |
| 34 | 3580319 | 1 | Pulley | |
| 35 | 3580320 | 1 | Pulley | |
| 36 | 4711600 | 1 | Washer 3/8 | |
| 37 | 0962520 | 1 | Bushing, Split Taper | |
| 38 | 0861572 | 1 | Control Box Assembly | |
| 38 | 7024488 | 1 | Card, Circuit - Generator Power | |
| 38 | See Note | NSS | Fuse (Note: Not Available - Purchase Locally) | |
| 38 | 7024489 | 1 | Card, Circuit - Control | |
| 38 | 70000619 | 1 | Harness, Control Box (Internal) | |
| 38 | | Ref | Note: Same Circuit Card (P/N 7024489) is used for both 60Hz & 50Hz Specs. When replacing card, rocker switch on card must be set for required application. | |
| 39 | 0641618 | 1 | Bolt 3/8 x 2-1/4 | |
| 40 | 0771415 | 1 | Bolt M14 x 35 Grade 10.9 | |
| 41 | 3311005 | 4 | Nut #10 | |
| 42 | 4751000 | 4 | Washer #10 | |
| | 1001157525 | Ref | JUNCTION BOX ASSEMBLY | B |
| 101 | 3300396 | 1 | Cover, Fuse | |
| 102 | 3311001 | 6 | Nut #10 | |
| 103 | 3520189 | 1 | Plug | |
| 104 | 3520192 | 1 | Plug | |
| 105 | 4360070 | 1 | Circuit Breaker - 15Amp | |
| 106 | 4460425 | 1 | Connector, Strain Relief | |
| 107 | 4460426 | 2 | Connector, Strain Relief | |
| 109 | 4711000 | 10 | Washer, #10 | |
| 110 | 10702077 | 2 | Screw #10 x 3/8 | |
| 111 | 10702082 | 2 | Screw #10 x 3/4 | |
| 112 | 1001152525 | 1 | Plug | |
| 113 | 1001157520 | 1 | Block, Terminal | |
| 114 | 1001157521 | 1 | Box, Junction | |
| 115 | 1001157528 | 1 | Decal - Wiring Schematic | |
| 116 | 1001158007 | 1 | Cover, PVC | |
| 117 | 1001158008 | 2 | Stand-Off | |
| | 0272589 | Ref | DECAL INSTALLATION | A |
| 201 | 1705460 | 2 | Decal - SkyPower | |
| 202 | 1705461 | 1 | Decal - 240V - 3 Phase | |
| 203 | 1705489 | 2 | Decal, Hazardous Voltage | |
| | 1001157769 | Ref | ELECTRICAL DIAGRAM COMPONENTS | B |
| 301 | 1001152429 | 1 | Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) | |
| 304 | 4922641 | 1 | Switch Harness (Not Shown) | |

## FIGURE 3-83. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES



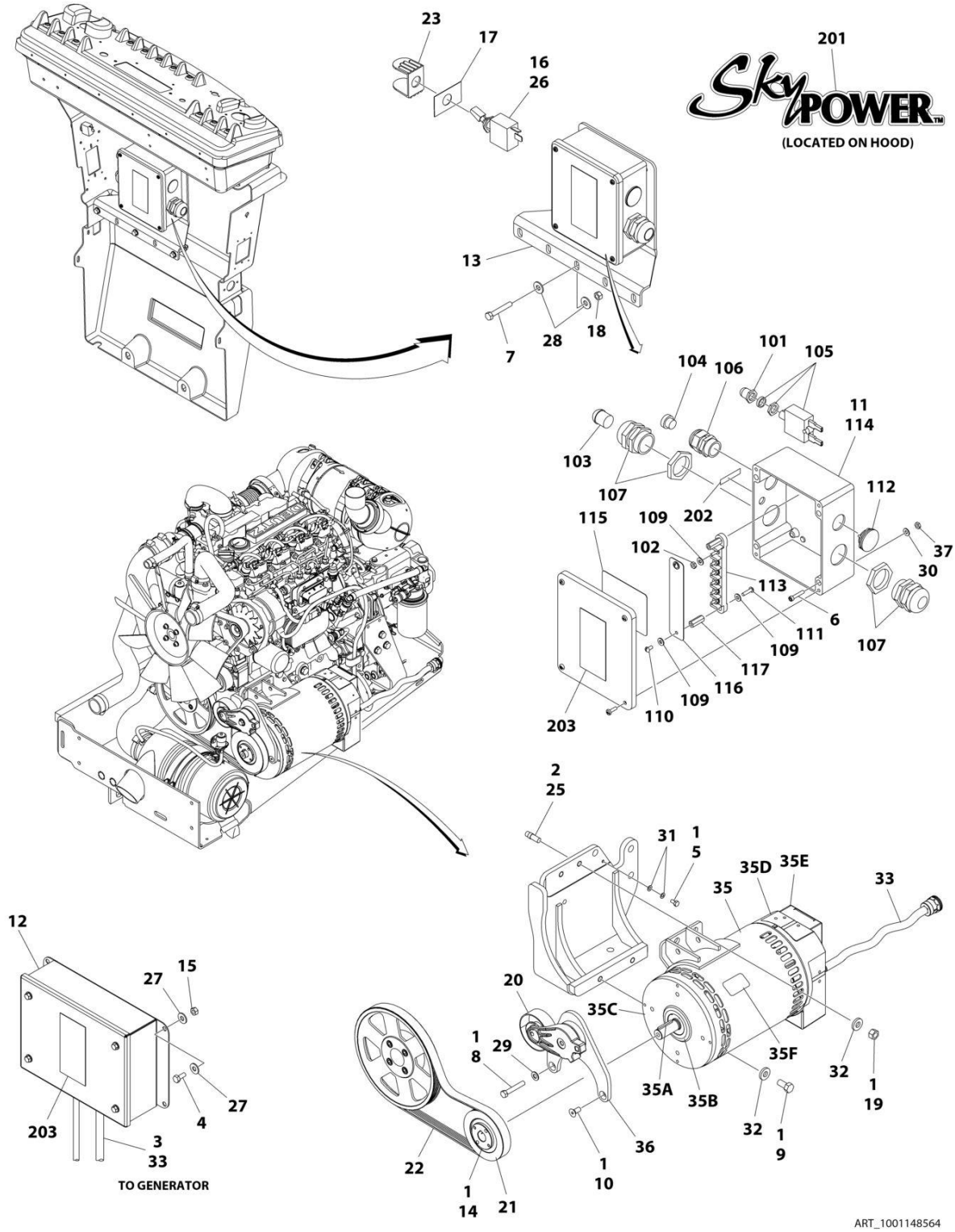
## FIGURE 3-83. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ D2011 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001115388 | Ref | 7500W SKYPOWER GENERATOR INSTALLATION | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 4 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 5 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 6 | 3931016 | 4 | Capscrew 3/8 x 1 | |
| 7 | 0641516 | 3 | Bolt 5/16 x 2 | |
| 8 | 0902888 | 1 | Bracket, Box Mounting | |
| 9 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 10 | 0860038 | 1 | Box, Switch | |
| 11 | 1001157592 | 1 | Junction Box Assembly (See Items 101-121 for Breakdown) | |
| 12 | 2460048 | 1 | Generator Assembly | |
| 12 | 70001100 | 1 | Rotor (Includes p/n 70001384 & 70000863) (Not Shown) | |
| 12 | 70001384 | 1 | Bearing, Ball Radial (Not Shown): | |
| 12 | 70000863 | 1 | Fan (Not Shown) | |
| 12 | 70002088 | 1 | Stator (Not Shown) | |
| 12 | 70002297 | 1 | Stud | |
| 12 | 70003631 | 1 | Brushholder Assembly (Not Shown) | |
| 12A | 70004171 | 1 | Key | |
| 12B | 70001966 | 1 | Bearing, Ball Radial (Located in Belt Tensioner Endbell) | |
| 12B | 70003708 | 1 | Ring, Internal Retaining (Located in Belt Tensioner Endbell) | |
| 12B | 70003709 | 1 | Ring, External Retaining (Located in Belt Tensioner Endbell) | |
| 12C | 70001953 | 1 | Endbell, Belt Tensioner | |
| 12D | 70004169 | 1 | Endbell, Brush Block | |
| 12E | 70004169 | 1 | Shroud | |
| 12E | See Note | NSS | Insulator, Endbell (Note: Not Available for Purchase) | |
| 12E | 7027799 | 1 | Block, Connector 6 Position (Not Shown) | |
| 12E | 70002460 | 1 | Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown) | |
| 12E | 7024485 | 1 | Breaker, Circuit 30Amp (Not Shown) | |
| 12E | 70001696 | 1 | Boot, Breaker (Not Shown) | |
| 12E | 7026626 | 1 | Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36) | |
| 12E | 7026597 | 1 | Connector, with Leads (Not Shown) | |
| 12E | 7026188 | 1 | Clamp, Cable (Not Shown) | |
| 12E | 70004169 | 1 | Plate, End Panel | |
| 12E | 70001974 | 1 | Decal - Terminal Connections | |
| 12F | 70001973 | 1 | Decal - Warning Moving Parts | |
| 13 | 3252764 | 1 | Nameplate | |
| 14 | 3311405 | 4 | Nut 1/4 | |
| 15 | 3311508 | 3 | Nut, Flange 5/16 | |
| 18 | 3910606 | 4 | Screw #6 x 3/8 | |
| 19 | 3960422 | 1 | Gasket | |
| 20 | 1001110873 | 1 | Cover, Receptacle | |
| 21 | 4060802 | 1 | Guard, Switch | |
| 24 | 4360336 | 1 | Switch, Toggle | |
| 25 | 4460346 | 1 | Receptacle, Female (110-120V) | |
| 27 | 4751500 | 3 | Washer 5/16 | |
| 28 | 4751400 | 8 | Washer 1/4 | |
| 30 | 4791400 | 2 | Washer 1/4 | |
| 33 | 0480129 | 1 | Belt, Drive | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 34 | 4032015 | 4 | Capscrew M10 x 55 | |
| 35 | 4300157 | 1 | Stud | |
| 36 | 3311801 | 1 | Nut 1/2 | |
| 37 | 0100062 | AR | Adhesive | |
| 38 | 2820031 | 1 | Heat Shrink | |
| 39 | 4711800 | 3 | Washer 1/2 | |
| 41 | 4460071 | 1 | Connector, Strain Relief | |
| 42 | 3580317 | 1 | Tensioner, Belt with Pulley | |
| 43 | 3580320 | 1 | Pulley | |
| 44 | 4711600 | 1 | Washer 3/8 | |
| 45 | 4922925 | 1 | Harness, Generator | |
| 46 | 3580318 | 1 | Pulley | |
| 47 | 0641618 | 1 | Bolt 3/8 x 2-1/4 | |
| 48 | 0962520 | 1 | Bushing, Split Taper | |
| 49 | 0861538 | 1 | Control Box Assembly | |
| 49 | 7024488 | 1 | Card, Circuit - Generator Power | |
| 49 | See Note | 1 | Fuse (Note: Not Available - Purchase Locally) | |
| 49 | 70000619 | 1 | Harness, Control Box (Internal) | |
| 49 | 7024489 | 1 | Card, Circuit - Control | |
| 49 | | Ref | Note: Same Circuit Card (P/N 7024489) is used for both 60Hz & 50Hz Specs. When replacing card, rocker switch on card must be set for required application. | |
| 50 | 0771415 | 1 | Bolt M14 x 35 Grade 10.9 | |
| 52 | 0100020 | AR | Sealant | |
| 53 | 3311005 | 4 | Nut #10 | |
| 54 | 4751000 | 4 | Washer #10 | |
| | 1001157592 | Ref | JUNCTION BOX ASSEMBLY | |
| 101 | 1060343 | 1.5 ft /.46m | Cable, Electrical 10/4 | |
| 102 | 1001179154 | 2.5 ft /76cm | Cable, Electrical 12/3 | |
| 103 | 1671092 | 1 | Cover | |
| 104 | 3300396 | 1 | Cover, Fuse | |
| 105 | 3311001 | 6 | Nut #10 | |
| 106 | 4360070 | 1 | Circuit Breaker - 15Amp | |
| 108 | 4460425 | 1 | Connector, Strain Relief | |
| 109 | 4460426 | 2 | Connector, Strain Relief | |
| 111 | 4460963 | 1 | Connector | |
| 112 | 4711000 | 10 | Washer, #10 | |
| 114 | 10702077 | 2 | Screw #10 x 3/8 | |
| 115 | 10702082 | 2 | Screw #10 x 3/4 | |
| 116 | 1001152525 | 1 | Plug | |
| 117 | 1001157520 | 1 | Block, Terminal | |
| 118 | 1001157521 | 1 | Box, Junction | |
| 119 | 1001157528 | 1 | Decal - Wiring Schematic | |
| 120 | 1001158007 | 1 | Cover, PVC | |
| 121 | 1001158008 | 2 | Stand-Off | |
| | 0272435 | Ref | DECAL INSTALLATION | D |
| 201 | 1705460 | 2 | Decal - SkyPower | |
| 202 | 3251243 | 1 | Decal - 120V - 60Hz (60Hz Spec Only) (Not Shown - Located at Platform Receptacle) | |
| 203 | 1705375 | 1 | Decal - 240V - 3 Phase | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 204 | 1705387 | 3 | Decal, Hazardous Voltage | |
| | 1001157769 | Ref | ELECTRICAL DIAGRAM COMPONENTS | B |
| 301 | 1001152429 | 1 | Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) | |
| 304 | 4922641 | 1 | Switch Harness (Not Shown) | |

## FIGURE 3-84. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES



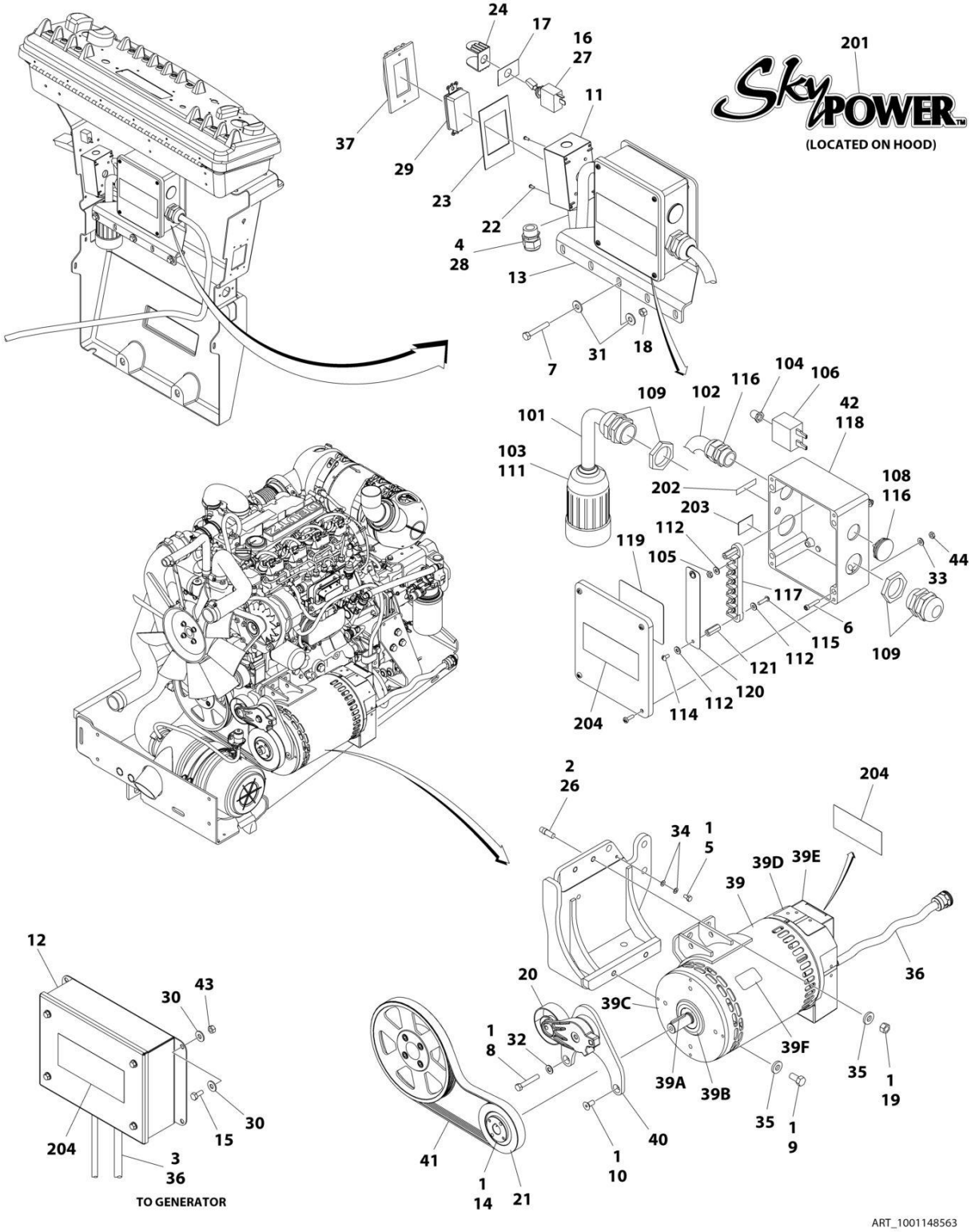
## FIGURE 3-84. 7500W/50HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148564 | Ref | 7500W SKYPOWER GENERATOR INSTALLATION | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Compound, Silicone | |
| 4 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 5 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 6 | 3931016 | 4 | Capscrew 3/8 x 1 | |
| 7 | 0641516 | 3 | Bolt 5/16 x 2 | |
| 8 | 0641618 | 1 | Bolt 3/8 x 2-1/4 | |
| 9 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 10 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 11 | 1001157525 | 1 | Junction Box Assembly (See Items 101-117 for Breakdown) | |
| 12 | 0861572 | 1 | Control Box Assembly | |
| 12 | 7024488 | 1 | Card, Circuit - Generator Power | |
| 12 | See Note | NSS | Fuse (Note: Not Available - Purchase Locally) | |
| 12 | 7024489 | 1 | Card, Circuit - Control | |
| 12 | 70000619 | 1 | Harness, Control Box (Internal) | |
| | | Ref | Note: Same Circuit Card (P/N 7024489) is used for both 60Hz and 50Hz. When replacing card, rocker switch on card must be set for required application. | |
| 13 | 0902888 | 1 | Bracket, Box Mounting | |
| 14 | 0962520 | 1 | Bushing, Split Taper | |
| 15 | 3311405 | 4 | Nut 1/4 | |
| 16 | 2820031 | 1 | Heat Shrink | |
| 17 | 3252764 | 1 | Nameplate | |
| 18 | 3311505 | 3 | Nut 5/16 | |
| 19 | 3311801 | 2 | Nut 1/2 | |
| 20 | 3580317 | 1 | Tensioner, Belt with Pulley | |
| 21 | 3580319 | 1 | Pulley | |
| 22 | 1001142645 | 1 | Belt, Drive | |
| 23 | 4060802 | 1 | Guard, Switch | |
| 24 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 25 | 1001163599 | 2 | Stud | |
| 26 | 4360336 | 1 | Switch, Toggle | |
| 27 | 4751400 | 8 | Washer 1/4 | |
| 28 | 4711500 | 6 | Washer 5/16 | |
| 29 | 4711600 | 1 | Washer 3/8 | |
| 30 | 4751000 | 4 | Washer #10 | |
| 31 | 4791400 | 2 | Washer 1/4 | |
| 32 | 4891800 | 4 | Washer 1/2 Hardened | |
| 33 | 4922925 | 1 | Harness, Generator | |
| 35 | 1001212223 | Ref | Generator Assembly | |
| 35 | 70001100 | 1 | Rotor (Includes p/n 70001384 & 70000863) (Not Shown) | |
| 35 | 70001384 | 1 | Bearing, Ball Radial (Not Shown): | |
| 35 | 70000863 | 1 | Fan (Not Shown) | |
| 35 | 70006093 | 1 | Stator (Not Shown) | |
| 35 | 70002297 | 1 | Stud | |
| 35 | 70003631 | 1 | Brushholder Assembly (Not Shown) | |
| 35A | 70004099 | 1 | Key | |

# SECTION 3 - ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 35B | 70001966 | 1 | Bearing, Ball Radial (Located in Belt Tensioner Endbell) | |
| 35B | 70003708 | 1 | Ring, Internal Retaining (Located in Belt Tensioner Endbell) | |
| 35B | 70003709 | 1 | Ring, External Retaining (Located in Belt Tensioner Endbell) | |
| 35C | 70004092 | 1 | Endbell, Belt Tensioner | |
| 35D | 70004094 | 1 | Endbell, Brush Block | |
| 35E | 70006094 | 1 | Shroud | |
| 35E | 70002291 | 1 | Insulator, Endbell | |
| 35E | 7027799 | 1 | Block, Connector 6 Position (Not Shown) | |
| 35E | 70002460 | 1 | Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown) | |
| 35E | 70006095 | 1 | Breaker, Circuit 30Amp (Not Shown) | |
| 35E | 70006096 | 1 | Boot, Breaker Options (Not Shown): | |
| 35E | 7026626 | 1 | Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36) | |
| 35E | 7026597 | 1 | Connector, with Leads (Not Shown) | |
| 35E | 70004098 | 1 | Clamp, Cable (Not Shown) | |
| 35E | 70006097 | 1 | Plate, End Panel | |
| 35E | 70001974 | 1 | Decal - Terminal Connections | |
| 35F | 70001973 | 1 | Decal - Warning Moving Parts | |
| 36 | 1001142643 | 1 | Support | |
| 37 | 3311005 | 4 | Nut #10 | |
| | 1001157525 | Ref | JUNCTION BOX ASSEMBLY | B |
| 101 | 3300396 | 1 | Cover, Fuse | |
| 102 | 3311001 | 6 | Nut #10 | |
| 103 | 3520189 | 1 | Plug | |
| 104 | 3520192 | 1 | Plug | |
| 105 | 4360070 | 1 | Circuit Breaker - 15Amp | |
| 106 | 4460425 | 1 | Connector, Strain Relief | |
| 107 | 4460426 | 2 | Connector, Strain Relief | |
| 109 | 4711000 | 10 | Washer, #10 | |
| 110 | 10702077 | 2 | Screw #10 x 3/8 | |
| 111 | 10702082 | 2 | Screw #10 x 3/4 | |
| 112 | 1001152525 | 1 | Plug | |
| 113 | 1001157520 | 1 | Block, Terminal | |
| 114 | 1001157521 | 1 | Box, Junction | |
| 115 | 1001157528 | 1 | Decal - Wiring Schematic | |
| 116 | 1001158007 | 1 | Cover, PVC | |
| 117 | 1001158008 | 2 | Stand-Off | |
| | 0272589 | Ref | DECAL INSTALLATION | A |
| 201 | 1705460 | 2 | Decal - SkyPower | |
| 203 | 1705461 | 1 | Decal - 240V - 3 Phase | |
| 204 | 1705489 | 2 | Decal, Hazardous Voltage | |
| | 1001157770 | Ref | ELECTRICAL DIAGRAM COMPONENTS | A |
| 301 | 1001119968 | 1 | Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) | |
| 304 | 4922641 | 1 | Switch Harness (Not Shown) | |

## FIGURE 3-85. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES



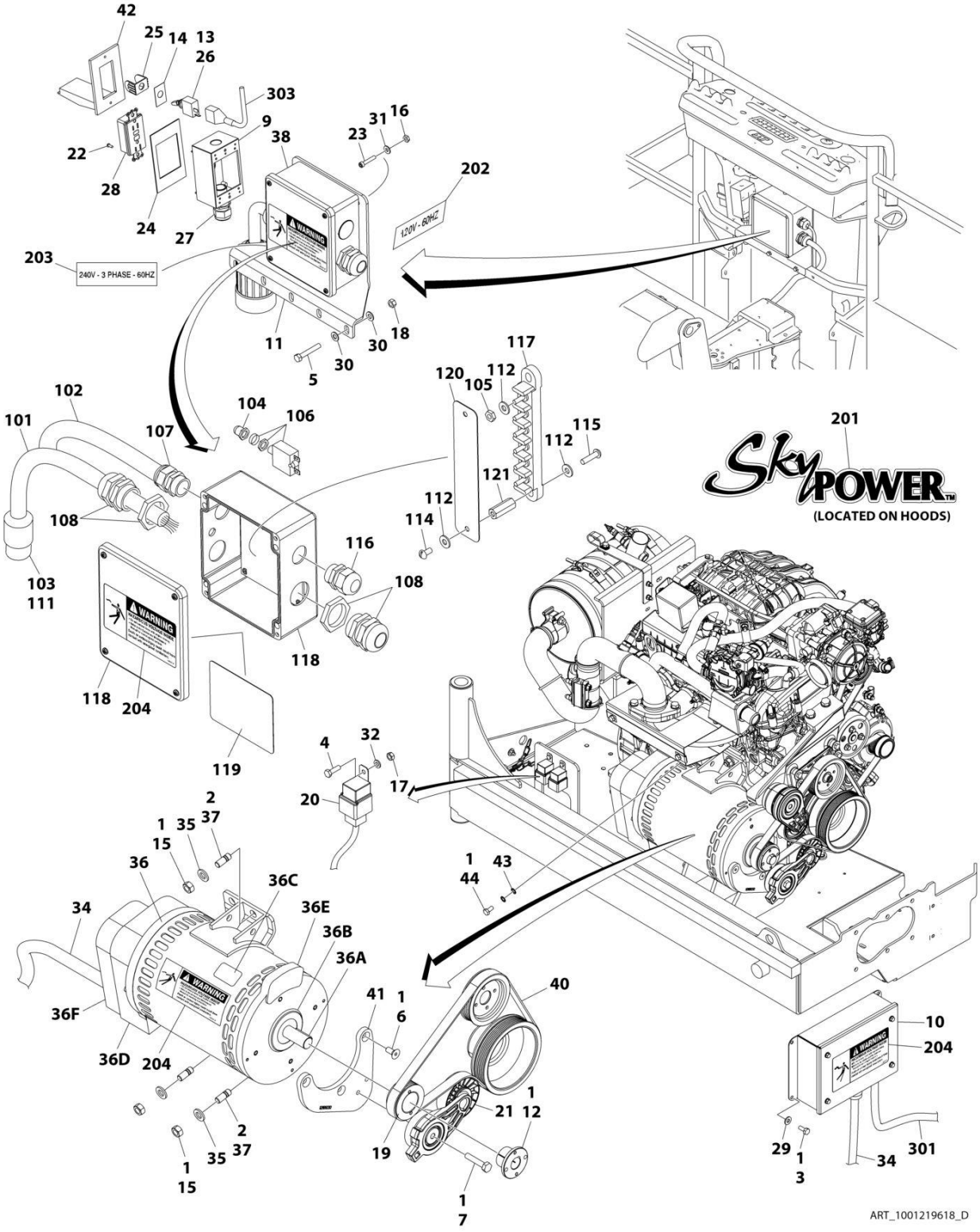
## FIGURE 3-85. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION - DEUTZ TD2.9L4 AND DEUTZ TD2.9L4 (STAGE V) ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148563 | Ref | 7500W SKYPOWER GENERATOR INSTALLATION | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0100048 | AR | Compound, Silicone | |
| 4 | 0100079 | AR | Sealant | |
| 5 | 0641404 | 1 | Bolt 1/4 x 1/2 | |
| 6 | 3931016 | 4 | Capscrew 3/8 x 1 | |
| 7 | 0641516 | 3 | Bolt 5/16 x 2 | |
| 8 | 0641618 | 1 | Bolt 3/8 x 2-1/4 | |
| 9 | 0641808 | 2 | Bolt 1/2 x 1 | |
| 10 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 11 | 0860038 | 1 | Box, Switch | |
| 12 | 0861538 | 1 | Control Box Assembly | |
| 12 | 7024488 | 1 | Card, Circuit - Generator Power | |
| 12 | See Note | 1 | Fuse (Note: Not Available - Purchase Locally) | |
| 12 | 70000619 | 1 | Harness, Control Box (Internal) | |
| 12 | 7024489 | 1 | Card, Circuit - Control | |
| 12 | | Ref | Note: Same Circuit Card (P/N 7024489) is used for both 60Hz & 50Hz Specs. When replacing card, rocker switch on card must be set for required application. | |
| 13 | 0902888 | 1 | Bracket, Box Mounting | |
| 14 | 0962520 | 1 | Bushing, Split Taper | |
| 15 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 16 | 2820031 | 1 | Heat Shrink | |
| 17 | 3252764 | 1 | Nameplate | |
| 18 | 3311505 | 3 | Nut 5/16 | |
| 19 | 3311801 | 2 | Nut 1/2 | |
| 20 | 3580317 | 1 | Tensioner, Belt with Pulley | |
| 21 | 3580318 | 1 | Pulley | |
| 22 | 3910606 | 4 | Screw #6 x 3/8 | |
| 23 | 3960422 | 1 | Gasket | |
| 24 | 4060802 | 1 | Guard, Switch | |
| 25 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 26 | 1001163599 | 2 | Stud | |
| 27 | 4360336 | 1 | Switch, Toggle | |
| 28 | 4460071 | 1 | Connector, Strain Relief | |
| 29 | 4460346 | 1 | Receptacle, Female (110-120V) | |
| 30 | 4711400 | 8 | Washer 1/4 | |
| 31 | 4711500 | 6 | Washer 5/16 | |
| 32 | 4711600 | 1 | Washer 3/8 | |
| 33 | 4751000 | 4 | Washer #10 | |
| 34 | 4791400 | 2 | Washer 1/4 | |
| 35 | 4891800 | 4 | Washer 1/2 Hardened | |
| 36 | 4922925 | 1 | Harness, Generator | |
| 37 | 1001110873 | 1 | Cover, Receptacle | |
| 39 | 1001212223 | Ref | Generator Assembly | |
| 39 | 70001100 | 1 | Rotor (Includes p/n 70001384 & 70000863) (Not Shown) | |
| 39 | 70001384 | 1 | Bearing, Ball Radial (Not Shown): | |
| 39 | 70000863 | 1 | Fan (Not Shown) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 39 | 70006093 | 1 | Stator (Not Shown) | |
| 39 | 70002297 | 1 | Stud | |
| 39 | 70003631 | 1 | Brush holder Assembly (Not Shown) | |
| 39A | 70004099 | 1 | Key | |
| 39B | 70001966 | 1 | Bearing, Ball Radial (Located in Belt Tensioner Endbell) | |
| 39B | 70003708 | 1 | Ring, Internal Retaining (Located in Belt Tensioner Endbell) | |
| 39B | 70003709 | 1 | Ring, External Retaining (Located in Belt Tensioner Endbell) | |
| 39C | 70004092 | 1 | Endbell, Belt Tensioner | |
| 39D | 70004094 | 1 | Endbell, Brush Block | |
| 39E | 70006094 | 1 | Shroud | |
| 39E | 70002291 | 1 | Insulator, Endbell | |
| 39E | 7027799 | 1 | Block, Connector 6 Position (Not Shown) | |
| 39E | 70002460 | 1 | Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown) | |
| 39E | 70006095 | 1 | Breaker, Circuit 30Amp (Not Shown) | |
| 39E | 70006096 | 1 | Boot, Breaker Options (Not Shown): | |
| 39E | 7026626 | 1 | Connector, 6 Position (Includes Seal) (Not Shown - Plugs into Item 36) | |
| 39E | 7026597 | 1 | Connector, with Leads (Not Shown) | |
| 39E | 70004098 | 1 | Clamp, Cable (Not Shown) | |
| 39E | 70006097 | 1 | Plate, End Panel | |
| 39E | 70001974 | 1 | Decal - Terminal Connections | |
| 39F | 70001973 | 1 | Decal - Warning Moving Parts | |
| 40 | 1001142643 | 1 | Support | |
| 41 | 1001142646 | 1 | Belt, Drive | |
| 42 | 1001157592 | 1 | Junction Box Assembly (See Items 101-121 for Breakdown) | |
| 43 | 3311405 | 4 | Nut 1/4 | |
| 44 | 3311005 | 4 | Nut #10 | |
| | 1001157592 | Ref | JUNCTION BOX ASSEMBLY | D |
| 101 | 1060343 | 1.5 ft /.46m | Cable, Electrical 10/4 | |
| 102 | 1001179154 | 2.5 ft /76cm | Cable, Electrical 12/3 | |
| 103 | 1671092 | 1 | Cover | |
| 104 | 3300396 | 1 | Cover, Fuse | |
| 105 | 3311001 | 6 | Nut #10 | |
| 106 | 4360070 | 1 | Circuit Breaker - 15Amp | |
| 108 | 4460425 | 1 | Connector, Strain Relief | |
| 109 | 4460426 | 2 | Connector, Strain Relief | |
| 111 | 4460963 | 1 | Connector | |
| 112 | 4711000 | 10 | Washer, #10 | |
| 114 | 10702077 | 2 | Screw #10 x 3/8 | |
| 115 | 10702082 | 2 | Screw #10 x 3/4 | |
| 116 | 1001152525 | 1 | Plug | |
| 117 | 1001157520 | 1 | Block, Terminal | |
| 118 | 1001157521 | 1 | Box, Junction | |
| 119 | 1001157528 | 1 | Decal - Wiring Schematic | |
| 120 | 1001158007 | 1 | Cover, PVC | |
| 121 | 1001158008 | 2 | Stand-Off | |
| | 0272435 | Ref | DECAL INSTALLATION | D |
| 201 | 1705460 | 2 | Decal - SkyPower | |
| 202 | 3251243 | 1 | Decal - 120V - 60Hz (60Hz Spec Only) (Not Shown - Located at Platform Receptacle) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 203 | 1705375 | 1 | Decal - 240V - 3 Phase | |
| 204 | 1705387 | 3 | Decal, Hazardous Voltage | |
| | 1001157770 | Ref | ELECTRICAL DIAGRAM COMPONENTS | A |
| 301 | 1001119968 | 1 | Generator Harness (Not Shown - See Separate Breakdown in ELECTRICAL SECTION) | |
| 303 | 4922641 | 1 | Switch Harness (Not Shown) | |

## FIGURE 3-86. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION – FORD DF 2.5L ENGINES



## FIGURE 3-86. 7500W/60HZ SKYPOWER GENERATOR INSTALLATION – FORD DF 2.5L ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219618 | Ref | 7500W SKYPOWER GENERATOR INSTALLATION - FORD ENGINES | D |
| | | Ref | Note: See ELECTRICAL SECTION for Boom Cable Components. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 4 | 0760610 | 2 | Bolt M6 x 20 | |
| 5 | 0641516 | 3 | Bolt 5/16 x 2 | |
| 6 | 0741607 | 3 | Screw 3/8 x 7/8 | |
| 7 | 0761018 | 1 | Bolt M10 x 50 | |
| 9 | 0860038 | 1 | Box, Switch | |
| 10 | 0861538 | 1 | Control Box Assembly | |
| 10 | 7024488 | 1 | Card, Circuit - Generator Power | |
| 10 | See Note | 1 | Fuse (Note: Not Available - Purchase Locally) | |
| 10 | 7024489 | 1 | Card, Circuit - Control | |
| 10 | 70000619 | 1 | Harness, Circuit Card | |
| 11 | 0902888 | 1 | Bracket, Box Mounting | |
| 12 | 0962520 | 1 | Bushing, Split Taper | |
| 13 | 2820031 | 1 | Heat Shrink | |
| 14 | 3252764 | 1 | Nameplate - AC & Weld | |
| 15 | 3291201 | 4 | Nut M12 | |
| 16 | 3311005 | 4 | Nut #10 | |
| 17 | 3290601 | 2 | Nut M6 | |
| 18 | 3311505 | 3 | Nut 5/16 | |
| 19 | 3580314 | 1 | Pulley | |
| 20 | 3740080 | 2 | Relay | |
| 21 | 3580317 | 1 | Tensioner, Belt | |
| 22 | 3910606 | 2 | Screw #6 x 3/8 | |
| 23 | 3931016 | 4 | Capscrew #10 x 1 | |
| 24 | 3960422 | 1 | Gasket | |
| 25 | 4060802 | 1 | Guard, Switch | |
| 26 | 4360336 | 1 | Switch, Toggle | |
| 27 | 4460071 | 1 | Connector, Strain Relief | |
| 28 | 4460346 | 1 | Receptacle | |
| 29 | 4711400 | 4 | Washer 1/4 | |
| 30 | 4711500 | 6 | Washer 5/16 | |
| 31 | 4751000 | 4 | Washer #10 | |
| 32 | 4811700 | 2 | Washer M6 | |
| 34 | 4922925 | 1 | Harness, Generator | |
| 35 | 5241200 | 4 | Washer M12 | |
| 36 | 1001136104 | 1 | Generator Assembly | |
| 36 | 70003631 | 1 | Brushholder Assembly (Not Shown) (was p/n 7024484) | |
| 36 | 7024485 | 1 | Breaker, Circuit 30Amp (Not Shown) | |
| 36 | 70001696 | 1 | Boot, Breaker (was p/n 7024486 - Not Shown) | |
| 36 | 70001966 | 1 | Bearing, Ball Radial (Located In Belt Tensioner Endbell - Not Shown) | |
| 36 | 7027799 | 1 | Block, Connector 6 Position (Not Shown) | |
| 36 | 70002460 | 6 | Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown) | |
| 36 | 7026188 | 1 | Clamp, Cable (Not Shown) | |
| 36 | 7026597 | 1 | Connector, W/Leads (Not Shown) | |

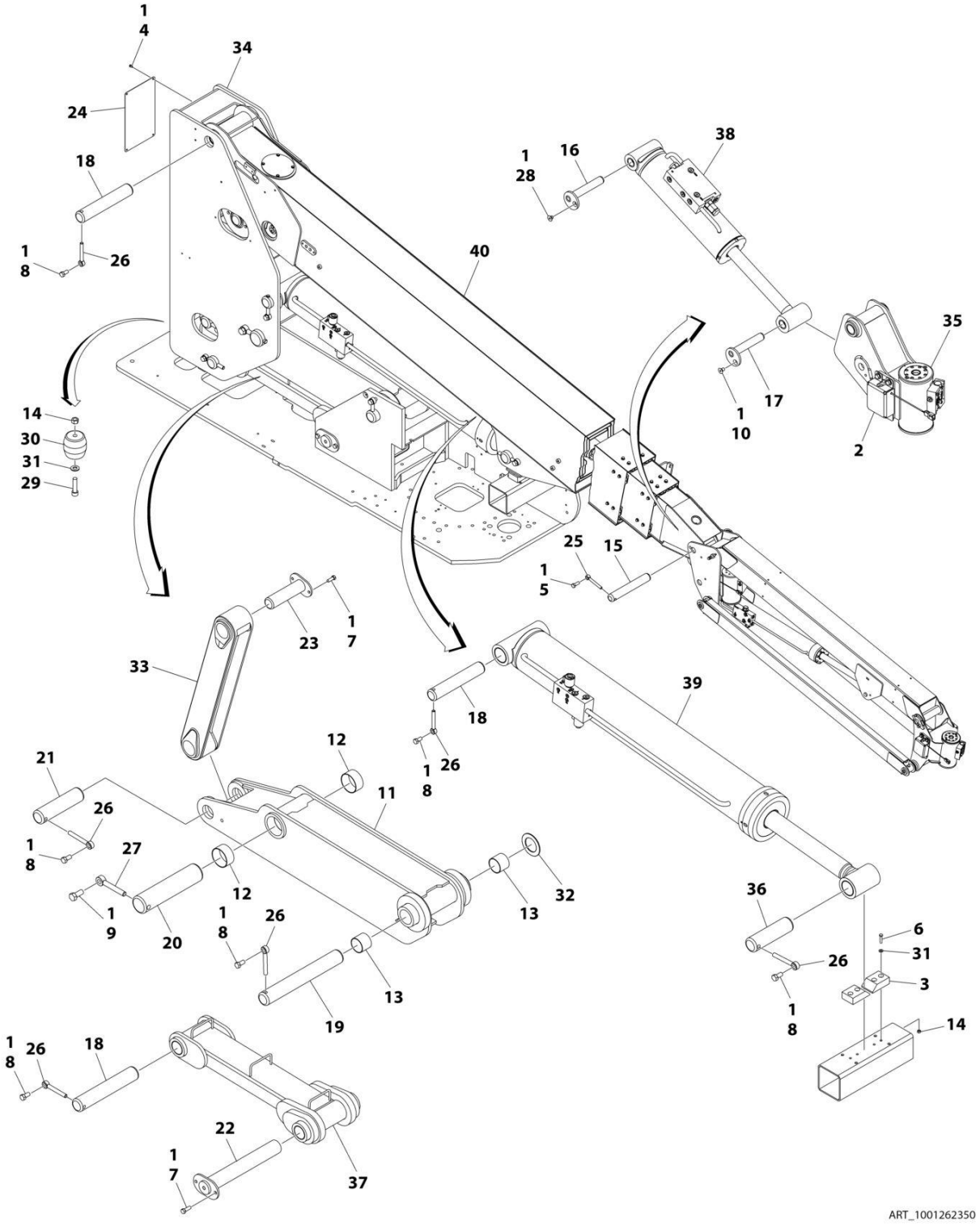
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 36 | 7026626 | 1 | Connector - 6 Position with Seal (Not Shown) | |
| 36 | 70002088 | 1 | Stator (Not Shown) | |
| 36 | 70004169 | 1 | Panel, End (Not Shown) (was p/n 70002255) | |
| 36 | 70001974 | 1 | Decal - Terminal Connections (Not Shown) | |
| 36 | 70000863 | 1 | Fan (Not Shown) | |
| 36 | 70002297 | 4 | Stud (Not Shown) | |
| 36A | 70004171 | 1 | Key (was p/n 7024561) | |
| 36A | 70001100 | 1 | Armature, Generator (Includes Radial Ball Bearing on End with Brushes and Fan) | |
| 36A | 70001384 | 1 | Bearing, Ball Radial | |
| 36B | 70001966 | 1 | Bearing, Radial Ball | |
| 36B | 70003708 | 1 | Ring, Internal Retaining (Located in Belt Tensioner Endbell) | |
| 36B | 70003709 | 1 | Ring, External Retaining (Located in Belt Tensioner Endbell) | |
| 36C | 70001973 | 1 | Decal - Warning Moving Parts | |
| 36D | 70004169 | 1 | Endbell, Brush Block (was p/n 70001385) | |
| 36E | 70001953 | 1 | Endbell, Belt Tensioner | |
| 36F | 70004169 | 1 | Endbell, Shroud Assembly (was p/n 70002290) | |
| 37 | 1001196382 | 4 | Stud | |
| 38 | 1001157592 | 1 | Junction Box Assembly (See Items 101-121 for Breakdown) | |
| 40 | 1001216390 | 1 | V-Belt | |
| 41 | 1001218930 | 1 | Mount, Tensioner | |
| 42 | 1001110873 | 1 | Cover, Receptacle | |
| 43 | 4871700 | 2 | Washer M6 | |
| 44 | 0760606 | 1 | Bolt M6 x 12 | |
| | 1001157592 | Ref | JUNCTION BOX ASSEMBLY | C |
| 101 | 1060343 | 1.5 ft /0.46m | Cable, Electrical - 10/4 (60Hz Only) | |
| 102 | 1001179154 | 2.5 ft /0.76m | Cable Electrical - 12/3 | |
| 103 | 1671092 | 1 | Cover, Connector | |
| 104 | 3300396 | 1 | Cover, Fuse | |
| 105 | 3311001 | 6 | Nut #10 | |
| 106 | 4360070 | 1 | Breaker, Circuit 15Amp | |
| 107 | 4460425 | 1 | Connector, Strain Relief | |
| 108 | 4460426 | 2 | Connector, Strain Relief | |
| 111 | 4460963 | 1 | Receptacle | |
| 112 | 4711000 | 10 | Washer #10 | |
| 114 | 10702077 | 2 | Screw #10 x 3/8 | |
| 115 | 10702082 | 2 | Screw #10 x 3/4 | |
| 116 | 1001152525 | 1 | Plug, Hole | |
| 117 | 1001157520 | 1 | Block, Terminal Pole | |
| 118 | 1001157521 | 1 | Box, Junction | |
| 119 | 1001157528 | 1 | Decal - Box Junction | |
| 120 | 1001158007 | 1 | Cover | |
| 121 | 1001158008 | 2 | Standoff | |
| | 0272435 | Ref | DECAL INSTALLATION | D |
| 201 | 1705460 | 2 | Decal - SkyPower | |
| 202 | 3251243 | 1 | Decal - 120V - 60Hz (60Hz Spec Only) (Located on Opposite Side) | |
| 203 | 1705375 | 1 | Decal - 240V - 3 Phase | |
| 204 | 1705387 | 3 | Decal, Hazardous Voltage | |
| | 1001221498 | Ref | ELECTRICAL DIAGRAM COMPONENTS | B |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 301 | 1001257972 | 1 | Generator to Engine Harness (See Separate Breakdown in ELECTRICAL SECTION) | |
| 303 | 4922641 | 1 | Generator On/Off Switch Harness | |

# SECTION 4 - BOOM

# SECTION 4 - BOOM

## FIGURE 4-1. BOOM AND CYLINDERS INSTALLATION (800S HC3) (Prior to SN 0300297258)

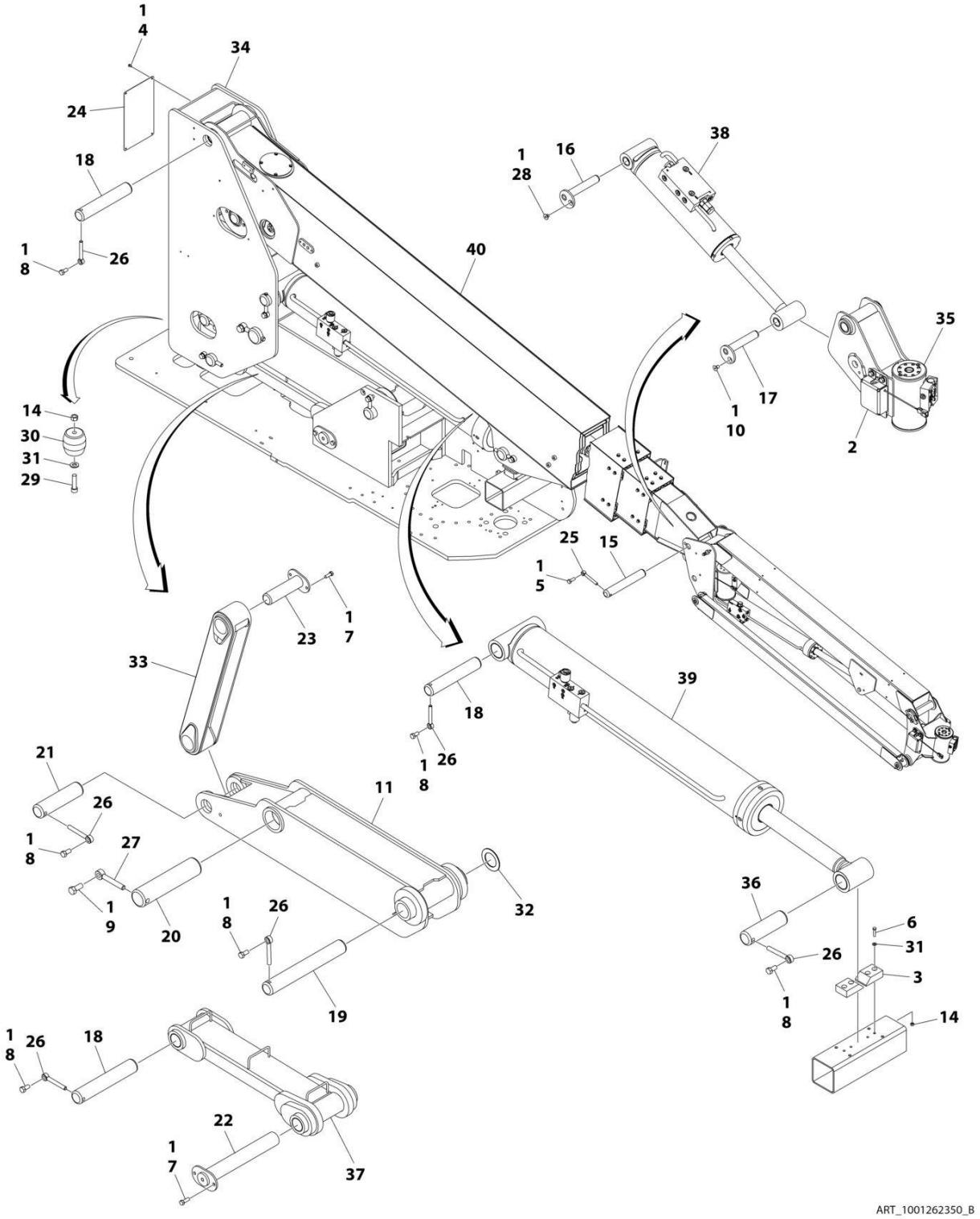


## FIGURE 4-1. BOOM AND CYLINDERS INSTALLATION (800S HC3) (Prior to SN 0300297258)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001262350 | Ref | BOOM AND CYLINDERS INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0273695 | 1 | Level Switch Installation | |
| 3 | 0561380 | 2 | Block, Boom Rest | |
| 4 | 0641504 | 4 | Bolt 5/16 x 1/2 | |
| 5 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 6 | 0641613 | 4 | Bolt 3/8 x 1-5/8 | |
| 7 | 0642014 | 4 | Bolt 5/8 x 1-3/4 | |
| 8 | 0642212 | 6 | Bolt 3/4 x 1-1/2 | |
| 9 | 0642618 | 1 | Bolt 1 x 2-1/4 | |
| 10 | 0741605 | 1 | Bolt 3/8 x 5/8 | |
| 11 | 0801279 | 1 | Tower | |
| 12 | 0962122 | 2 | Bushing | |
| 13 | 0962297 | 2 | Bushing | |
| 14 | 3311605 | 6 | Nut 3/8 | |
| 15 | 3422562 | 1 | Pin | |
| 16 | 3422569 | 1 | Pin | |
| 17 | 3422580 | 1 | Pin | |
| 18 | 3422908 | 3 | Pin | |
| 19 | 3422909 | 1 | Pin | |
| 20 | 3422910 | 1 | Pin | |
| 21 | 3422920 | 1 | Pin | |
| 22 | 3422930 | 1 | Pin | |
| 23 | 3422931 | 1 | Pin | |
| 24 | 3573050 | 1 | Cover | |
| 25 | 3841143 | 1 | Keeper, Pin | |
| 26 | 3841287 | 6 | Keeper, Pin | |
| 27 | 3841356 | 1 | Keeper, Pin | |
| 28 | 3900192 | 1 | Bolt 3/8 x 1/2 | |
| 29 | 3931624 | 2 | Bolt 3/8 x 1-1/2 | |
| 30 | 4160187 | 2 | Spring | |
| 31 | 4711600 | 6 | Washer 3/8 | |
| 32 | 4740492 | 1 | Washer | |
| 33 | 1001117804 | 1 | Link, Timing | |
| 34 | 1001258003 | 1 | Boom, Upright | |
| 35 | 1001181060 | 1 | Actuator, Platform Rotate | |
| 36 | 1001196221 | 1 | Pin | |
| 37 | 1001201602 | 1 | Link, Tension | |
| 38 | 1001228027 | 1 | Lift Cylinder Assembly - Tower Boom (See Separate Breakdown in CYLINDER Section) | |
| 39 | 1001228028 | 1 | Lift Cylinder Assembly - Tower Boom (See Separate Breakdown in CYLINDER Section) | |
| 40 | 1001262351 | 1 | Boom Assembly - Main (See Separate Breakdown in this Section) | |

# SECTION 4 - BOOM

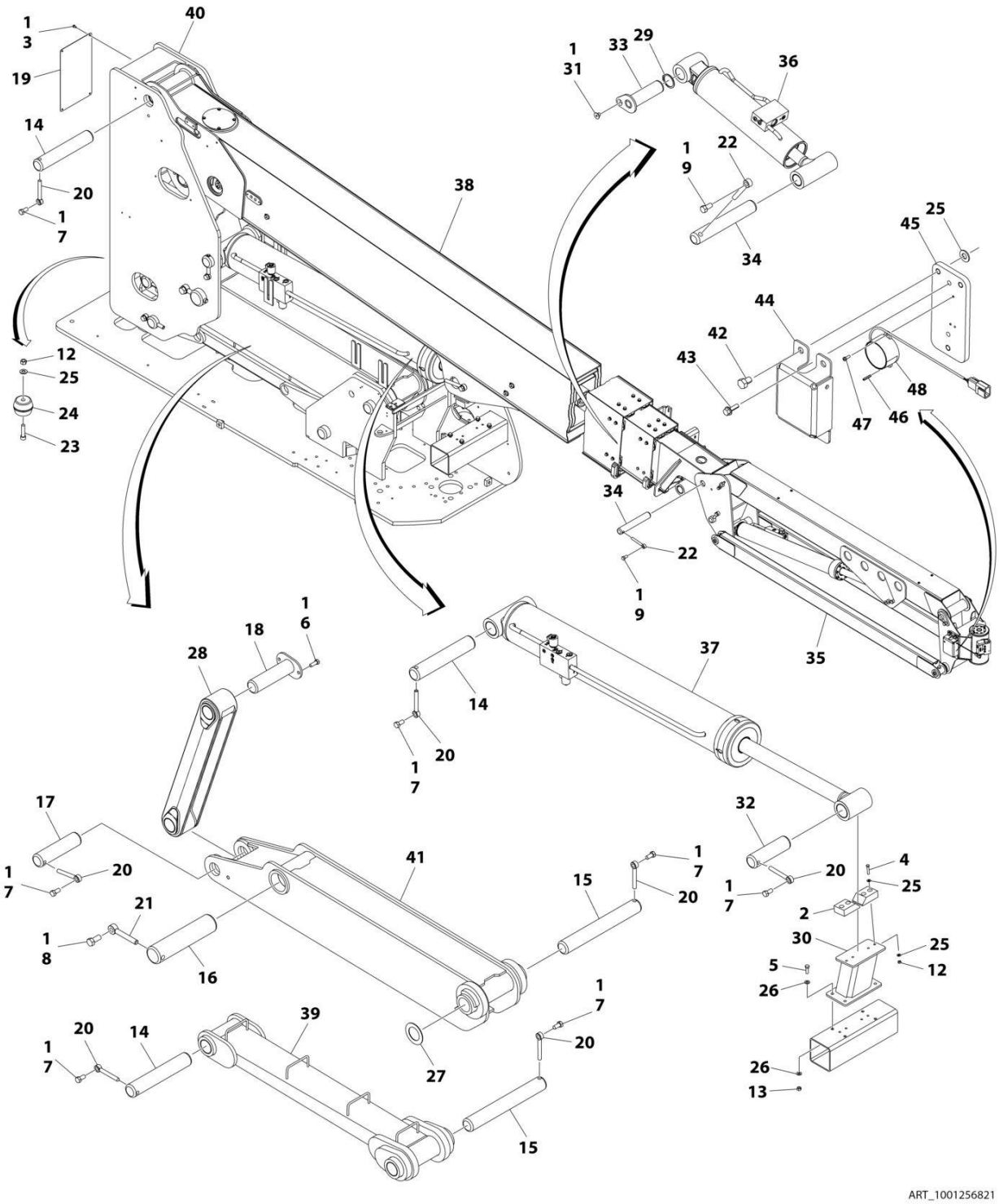
## FIGURE 4-2. BOOM AND CYLINDERS INSTALLATION (800S HC3) (SN 0300297258 to Present)



## FIGURE 4-2. BOOM AND CYLINDERS INSTALLATION (800S HC3) (SN 0300297258 to Present)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001262350 | Ref | BOOM AND CYLINDERS INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0273695 | 1 | Level Switch Installation | |
| 3 | 0561380 | 2 | Block, Boom Rest | |
| 4 | 0641504 | 4 | Bolt 5/16 x 1/2 | |
| 5 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 6 | 0641613 | 4 | Bolt 3/8 x 1-5/8 | |
| 7 | 0642014 | 4 | Bolt 5/8 x 1-3/4 | |
| 8 | 0642212 | 6 | Bolt 3/4 x 1-1/2 | |
| 9 | 0642618 | 1 | Bolt 1 x 2-1/4 | |
| 10 | 0741605 | 1 | Bolt 3/8 x 5/8 | |
| 11 | 0801279 | 1 | Tower | |
| 14 | 3311605 | 6 | Nut 3/8 | |
| 15 | 3422562 | 1 | Pin | |
| 16 | 3422569 | 1 | Pin | |
| 17 | 3422580 | 1 | Pin | |
| 18 | 3422908 | 3 | Pin | |
| 19 | 3422909 | 1 | Pin | |
| 20 | 3422910 | 1 | Pin | |
| 21 | 3422920 | 1 | Pin | |
| 22 | 3422930 | 1 | Pin | |
| 23 | 3422931 | 1 | Pin | |
| 24 | 3573050 | 1 | Cover | |
| 25 | 3841143 | 1 | Keeper, Pin | |
| 26 | 3841287 | 6 | Keeper, Pin | |
| 27 | 3841356 | 1 | Keeper, Pin | |
| 28 | 3900192 | 1 | Bolt 3/8 x 1/2 | |
| 29 | 3931624 | 2 | Bolt 3/8 x 1-1/2 | |
| 30 | 4160187 | 2 | Spring | |
| 31 | 4711600 | 6 | Washer 3/8 | |
| 32 | 4740492 | 1 | Washer | |
| 33 | 1001117804 | 1 | Link, Timing | |
| 34 | 1001258003 | 1 | Boom, Upright | |
| 35 | 1001181060 | 1 | Actuator, Platform Rotate | |
| 36 | 1001196221 | 1 | Pin | |
| 37 | 1001201602 | 1 | Link, Tension | |
| 38 | 1001251027 | 1 | Lift Cylinder Assembly - Tower Boom (See Separate Breakdown in CYLINDER Section) | |
| 39 | 1001251028 | 1 | Lift Cylinder Assembly - Tower Boom (See Separate Breakdown in CYLINDER Section) | |
| 40 | 1001262351 | 1 | Boom Assembly - Main (See Separate Breakdown in this Section) | |

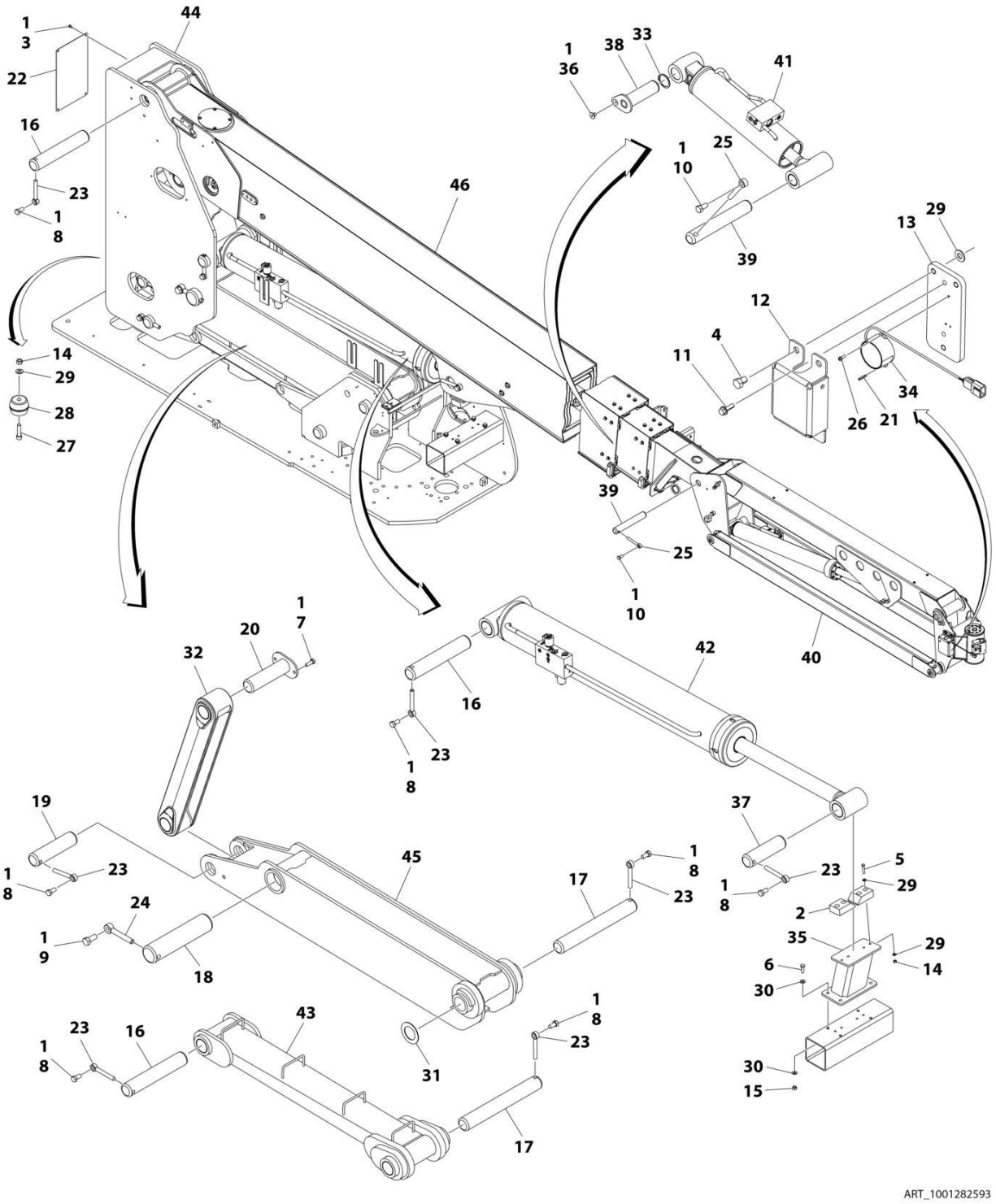
## FIGURE 4-3. BOOM AND CYLINDERS INSTALLATION (MACHINES WITH SN STARTING WITH 03) (860SJ HC3)



## FIGURE 4-3. BOOM AND CYLINDERS INSTALLATION (MACHINES WITH SN STARTING WITH 03) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256821 | Ref | BOOMS AND CYLINDERS INSTALLATION | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561380 | 2 | Block, Boom Rest | |
| 3 | 0641504 | 4 | Bolt 5/16 x 1/2 | |
| 4 | 0641615 | 4 | Bolt 3/8 x 1-7/8 | |
| 5 | 0641812 | 4 | Bolt 1/2 x 1-1/2 | |
| 6 | 0642014 | 2 | Bolt 5/8 x 1-3/4 | |
| 7 | 0642212 | 7 | Bolt 3/4 x 1-1/2 | |
| 8 | 0642618 | 1 | Bolt 1 x 2-1/4 | |
| 9 | 0761212 | 2 | Bolt M12 x 25 | |
| 12 | 3311605 | 6 | Nut 3/8 | |
| 13 | 3311805 | 4 | Nut 1/2 | |
| 14 | 3422908 | 3 | Pin | |
| 15 | 3422909 | 2 | Pin | |
| 16 | 3422910 | 1 | Pin | |
| 17 | 3422920 | 1 | Pin | |
| 18 | 3422931 | 1 | Pin | |
| 19 | 3573050 | 1 | Cover | |
| 20 | 3841287 | 7 | Keeper, Pin | |
| 21 | 3841356 | 1 | Keeper, Pin | |
| 22 | 3841709 | 2 | Keeper, Pin | |
| 23 | 3931624 | 2 | Capscrew 3/8 x 1-1/2 | |
| 24 | 4160187 | 2 | Spring, Rubber | |
| 25 | 4711600 | 16 | Washer 3/8 | |
| 26 | 4711800 | 8 | Washer 1/2 | |
| 27 | 4740492 | 1 | Thrustwasher | |
| 28 | 1001117805 | 1 | Power Link Weldment | |
| 29 | 1001138671 | 1 | Ring, Snap | |
| 30 | 1001157837 | 1 | Rest, Boom | |
| 31 | 1001192027 | 1 | Screw M10 x 12 | |
| 32 | 1001196221 | 1 | Pin | |
| 33 | 1001237142 | 1 | Pin | |
| 34 | 1001237949 | 2 | Pin | |
| 35 | 1001238328 | 1 | Jib Boom Assembly (See Separate Breakdown in this Section) | |
| 36 | 1001247466 | 1 | Level Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 37 | 1001251029 | 1 | Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 38 | 1001256709 | 1 | Boom Assembly (See Separate Breakdown in this Section) | |
| 39 | 1001257776 | 1 | Link | |
| 40 | 1001258003 | 1 | Upright | |
| 41 | 1001258007 | 1 | Boom, Tower | |
| 42 | 0641604 | 6 | Bolt 3/8 x 1/2 | |
| 43 | 0780610 | 4 | Bolt M6 x 20 | |
| 44 | 1671044 | 2 | Cover, Sensor | |
| 45 | 3200449 | 2 | Mount, Sensor | |
| 46 | 3440410 | 2 | Rollpin | |
| 47 | 3930606 | 4 | Capscrew #6 x 3/8 | |
| 48 | 1001147479 | 2 | Sensor | |

## FIGURE 4-4. BOOM AND CYLINDERS INSTALLATION (MACHINES WITH SN STARTING WITH B3) (860SJ HC3)

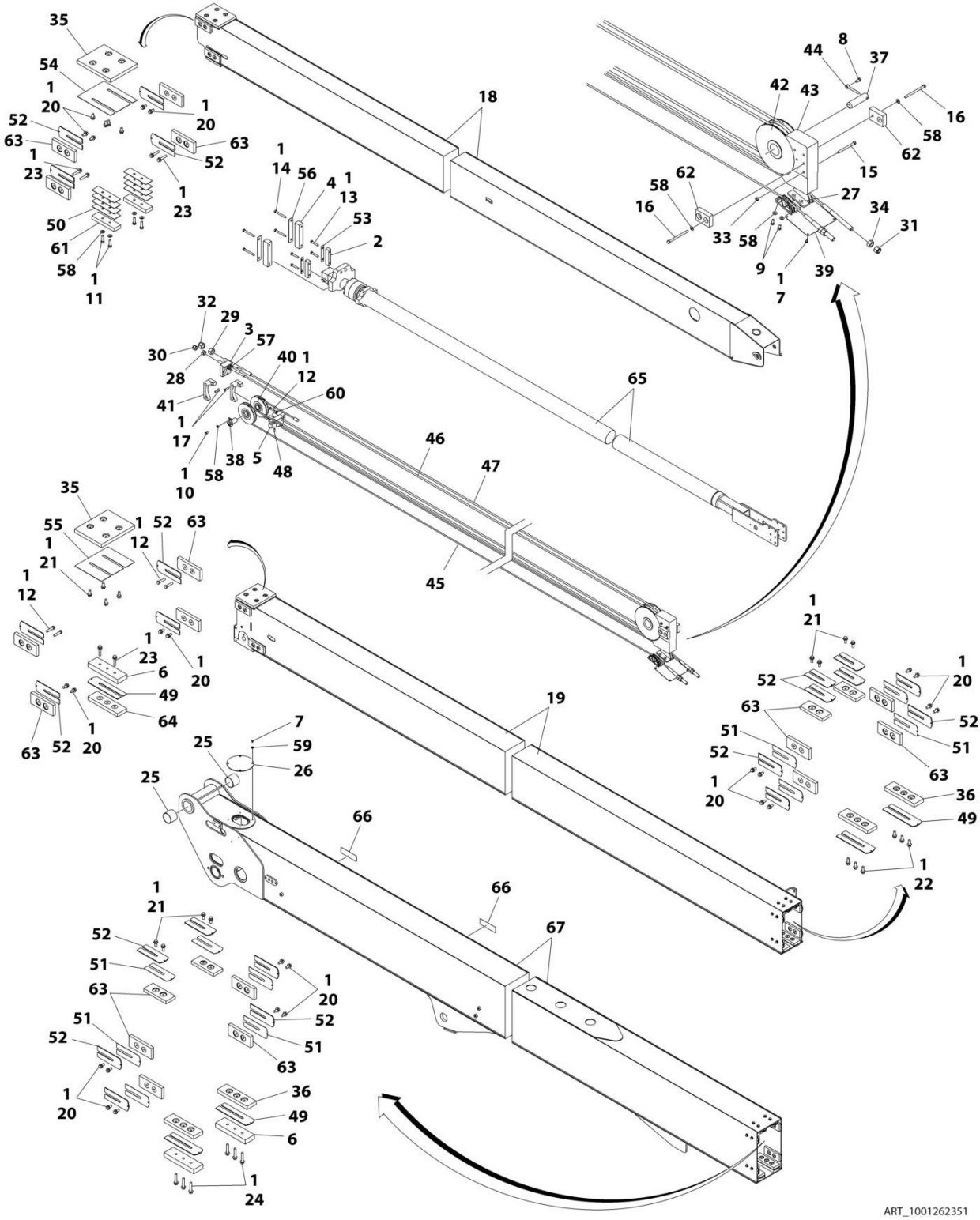


## FIGURE 4-4. BOOM AND CYLINDERS INSTALLATION (MACHINES WITH SN STARTING WITH B3) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001282593 | Ref | BOOMS AND CYLINDERS INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561380 | 2 | Block, Boom Rest | |
| 3 | 0641504 | 4 | Bolt 5/16 x 1/2 | |
| 4 | 0641604 | 6 | Bolt 3/8 x 1/2 | |
| 5 | 0641615 | 4 | Bolt 3/8 x 1-7/8 | |
| 6 | 0641812 | 4 | Bolt 1/2 x 1-1/2 | |
| 7 | 0642014 | 2 | Bolt 5/8 x 1-3/4 | |
| 8 | 0642212 | 7 | Bolt 3/4 x 1-1/2 | |
| 9 | 0642618 | 1 | Bolt 1 x 2-1/4 | |
| 10 | 0761212 | 2 | Bolt M12 x 25 | |
| 11 | 0780610 | 4 | Bolt M6 x 20 | |
| 12 | 1671044 | 2 | Cover, Sensor | |
| 13 | 3200449 | 2 | Mount, Sensor | |
| 14 | 3311605 | 6 | Nut 3/8 | |
| 15 | 3311805 | 4 | Nut 1/2 | |
| 16 | 3422908 | 3 | Pin | |
| 17 | 3422909 | 2 | Pin | |
| 18 | 3422910 | 1 | Pin | |
| 19 | 3422920 | 1 | Pin | |
| 20 | 3422931 | 1 | Pin | |
| 21 | 3440410 | 2 | Rollpin | |
| 22 | 3573050 | 1 | Cover | |
| 23 | 3841287 | 7 | Keeper, Pin | |
| 24 | 3841356 | 1 | Keeper, Pin | |
| 25 | 3841709 | 2 | Keeper, Pin | |
| 26 | 3930606 | 4 | Capscrew #6 x 3/8 | |
| 27 | 3931624 | 2 | Capscrew 3/8 x 1-1/2 | |
| 28 | 4160187 | 2 | Spring, Rubber | |
| 29 | 4711600 | 16 | Washer 3/8 | |
| 30 | 4711800 | 8 | Washer 1/2 | |
| 31 | 4740492 | 1 | Thrustwasher | |
| 32 | 1001117805 | 1 | Power Link Weldment | |
| 33 | 1001138671 | 1 | Ring, Snap | |
| 34 | 1001147479 | 2 | Sensor | |
| 35 | 1001157837 | 1 | Rest, Boom | |
| 36 | 1001192027 | 1 | Screw M10 x 12 | |
| 37 | 1001196221 | 1 | Pin | |
| 38 | 1001237142 | 1 | Pin | |
| 39 | 1001237949 | 2 | Pin | |
| 40 | 1001238328 | 1 | Jib Boom Assembly (See Separate Breakdown in this Section) | |
| 41 | 1001247466 | 1 | Level Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 42 | 1001251029 | 1 | Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 43 | 1001257776 | 1 | Link | |
| 44 | 1001258003 | 1 | Upright | |
| 45 | 1001258007 | 1 | Boom, Tower | |
| 46 | 1001282592 | 1 | Boom Assembly (See Separate Breakdown in this Section) | |

# SECTION 4 - BOOM

## FIGURE 4-5. MAIN BOOM ASSEMBLY (800S HC3) (Prior to SN 0300296333, Excluding 0300295806)



## FIGURE 4-5. MAIN BOOM ASSEMBLY (800S HC3) (Prior to SN 0300296333, Excluding 0300295806)

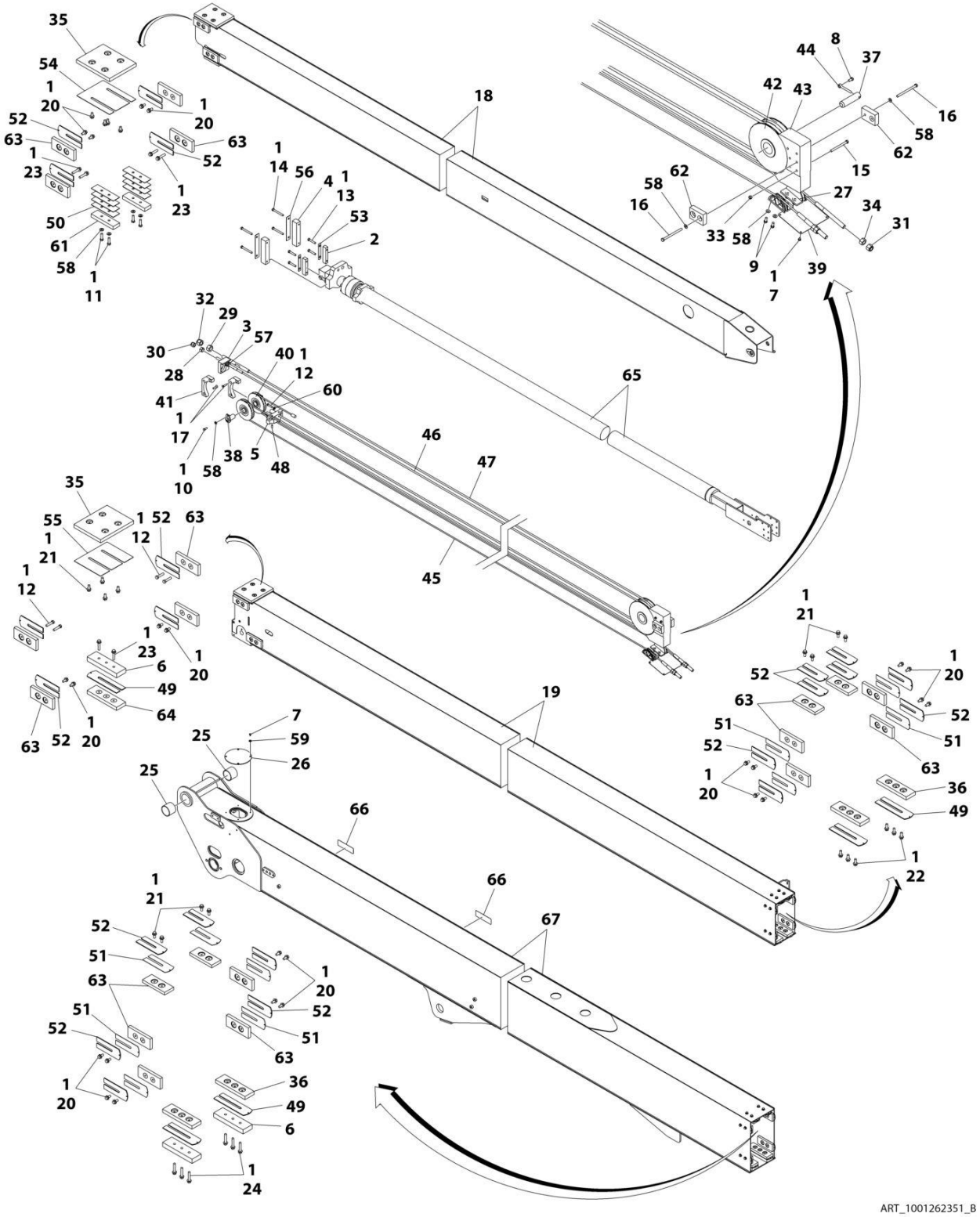
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001262351 | Ref | MAIN BOOM ASSEMBLY | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Attach | |
| 3 | 0561445 | 1 | Block, Switch | |
| 4 | 0561446 | 2 | Block | |
| 5 | 0561447 | 1 | Block, Cable | |
| 6 | 0561449 | 3 | Block, Spacer | |
| 7 | 0641403 | 8 | Bolt 1/4 x 3/8 | |
| 8 | 0641606 | 1 | Bolt 3/8 x 3/4 | |
| 9 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 10 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 11 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 12 | 0641613 | 6 | Bolt 3/8 x 1-5/8 | |
| 13 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 14 | 0641626 | 4 | Bolt 3/8 x 3-1/4 | |
| 15 | 0641634 | 4 | Bolt 3/8 x 4-1/4 | |
| 16 | 0641640 | 2 | Bolt 3/8 x 5 | |
| 17 | 0741612 | 6 | Bolt 3/8 x 1-1/2 | |
| 18 | 0801275 | 1 | Fly Boom | |
| 19 | 0801649 | 1 | Middle Boom | |
| 20 | 0811606 | 28 | Bolt 3/8 x 3/4 | |
| 21 | 0811607 | 12 | Bolt 3/8 x 7/8 | |
| 22 | 0811608 | 6 | Bolt 3/8 x 1 | |
| 23 | 0811614 | 6 | Bolt 3/8 x 1-3/4 | |
| 24 | 0811616 | 6 | Bolt 3/8 x 2 | |
| 25 | 0962297 | 2 | Bushing | |
| 26 | 1120510 | 1 | Cover, Upright | |
| 27 | 1220078 | 2 | Sheave, Block | |
| 28 | 3272001 | 1 | Nut 5/8 | |
| 29 | 3272401 | 1 | Nut 7/8 | |
| 30 | 3300240 | 1 | Nut 5/8 | |
| 31 | 3300241 | 2 | Nut 3/4 | |
| 32 | 3300242 | 1 | Nut 7/8 | |
| 33 | 3311605 | 4 | Nut 3/8 | |
| 34 | 3312201 | 2 | Nut 3/4 | |
| 35 | 3340757 | 2 | Pad, Wear | |
| 36 | 3340871 | 4 | Pad, Wear | |
| 37 | 3422417 | 1 | Pin | |
| 38 | 3422424 | 2 | Pin | |
| 39 | 3539622 | 1 | Plate, Cover | |
| 40 | 3580243 | 2 | Sheave Assembly, Retract | |
| 41 | 3580249 | 2 | Sheave Guard, Retract | |
| 42 | 3580288 | 1 | Sheave Assembly, Extend | |
| 43 | 3580289 | 1 | Sheave Guard, Extend | |
| 44 | 3841143 | 1 | Keeper, Pin | |
| 45 | 3890013 | 2 | Rope, Wire | |
| 46 | 3890014 | 1 | Rope, Wire | |
| 47 | 3890015 | 1 | Rope, Wire | |
| 48 | 3951608 | 2 | Bolt 3/8 x 1 | |
| 49 | 4070863 | 5 | Shim #11 | |

# SECTION 4 - BOOM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4070895 | 8 | Shim #16 | |
| 51 | 4070897 | 10 | Shim, Wear Pad | |
| 52 | 4070898 | 22 | Shim #11 | |
| 53 | 4070929 | 2 | Shim #16 | |
| 54 | 4070939 | 1 | Shim #16 | |
| 55 | 4070940 | 1 | Shim #16 | |
| 56 | 4071020 | 2 | Shim #16 | |
| 57 | 4160149 | 1 | Spring | |
| 58 | 4711600 | 12 | Washer 3/8 | |
| 59 | 4751400 | 4 | Washer 1/4 | |
| 60 | 4891600 | 2 | Washer 3/8 | |
| 61 | 1001148650 | 2 | Pad, Wear | |
| 62 | 1001148651 | 2 | Pad, Wear | |
| 63 | 1001148652 | 20 | Pad, Wear | |
| 64 | 1001148653 | 1 | Pad, Wear | |
| 65 | 1001228081 | 1 | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 66 | 1001250737 | 2 | Cover, Boom | |
| 67 | 1001262352 | 1 | Base Boom | |

# SECTION 4 - BOOM

## FIGURE 4-6. MAIN BOOM ASSEMBLY (800S HC3) (SN 0300296333 to Present, Including 0300295806)



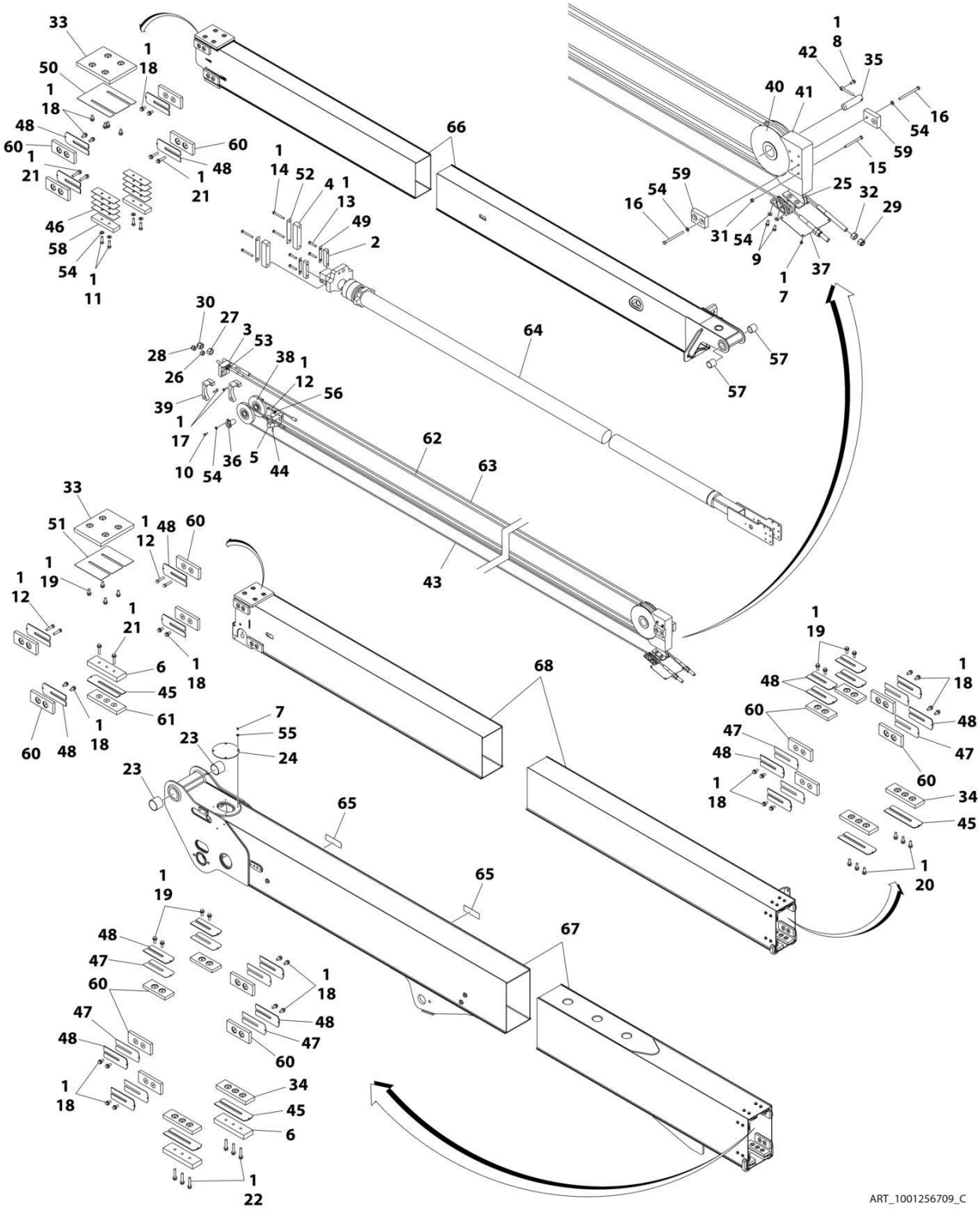
## FIGURE 4-6. MAIN BOOM ASSEMBLY (800S HC3) (SN 0300296333 to Present, Including 0300295806)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001262351 | Ref | MAIN BOOM ASSEMBLY | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Attach | |
| 3 | 0561445 | 1 | Block, Switch | |
| 4 | 0561446 | 2 | Block | |
| 5 | 0561447 | 1 | Block, Cable | |
| 6 | 0561449 | 3 | Block, Spacer | |
| 7 | 0641403 | 8 | Bolt 1/4 x 3/8 | |
| 8 | 0641606 | 1 | Bolt 3/8 x 3/4 | |
| 9 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 10 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 11 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 12 | 0641613 | 6 | Bolt 3/8 x 1-5/8 | |
| 13 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 14 | 0641626 | 4 | Bolt 3/8 x 3-1/4 | |
| 15 | 0641634 | 4 | Bolt 3/8 x 4-1/4 | |
| 16 | 0641640 | 2 | Bolt 3/8 x 5 | |
| 17 | 0741612 | 6 | Bolt 3/8 x 1-1/2 | |
| 18 | 0801275 | 1 | Fly Boom | |
| 19 | 0801649 | 1 | Middle Boom | |
| 20 | 0811606 | 28 | Bolt 3/8 x 3/4 | |
| 21 | 0811607 | 12 | Bolt 3/8 x 7/8 | |
| 22 | 0811608 | 6 | Bolt 3/8 x 1 | |
| 23 | 0811614 | 6 | Bolt 3/8 x 1-3/4 | |
| 24 | 0811616 | 6 | Bolt 3/8 x 2 | |
| 25 | 0962297 | 2 | Bushing | |
| 26 | 1120510 | 1 | Cover, Upright | |
| 27 | 1220078 | 2 | Sheave, Block | |
| 28 | 3272001 | 1 | Nut 5/8 | |
| 29 | 3272401 | 1 | Nut 7/8 | |
| 30 | 3300240 | 1 | Nut 5/8 | |
| 31 | 3300241 | 2 | Nut 3/4 | |
| 32 | 3300242 | 1 | Nut 7/8 | |
| 33 | 3311605 | 4 | Nut 3/8 | |
| 34 | 3312201 | 2 | Nut 3/4 | |
| 35 | 3340757 | 2 | Pad, Wear | |
| 36 | 3340871 | 4 | Pad, Wear | |
| 37 | 3422417 | 1 | Pin | |
| 38 | 3422424 | 2 | Pin | |
| 39 | 3539622 | 1 | Plate, Cover | |
| 40 | 3580243 | 2 | Sheave Assembly, Retract | |
| 41 | 3580249 | 2 | Sheave Guard, Retract | |
| 42 | 3580288 | 1 | Sheave Assembly, Extend | |
| 43 | 3580289 | 1 | Sheave Guard, Extend | |
| 44 | 3841143 | 1 | Keeper, Pin | |
| 45 | 3890013 | 2 | Rope, Wire | |
| 46 | 3890014 | 1 | Rope, Wire | |
| 47 | 3890015 | 1 | Rope, Wire | |
| 48 | 3951608 | 2 | Bolt 3/8 x 1 | |
| 49 | 4070863 | 5 | Shim #11 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4070895 | 8 | Shim #16 | |
| 51 | 4070897 | 10 | Shim, Wear Pad | |
| 52 | 4070898 | 22 | Shim #11 | |
| 53 | 4070929 | 2 | Shim #16 | |
| 54 | 4070939 | 1 | Shim #16 | |
| 55 | 4070940 | 1 | Shim #16 | |
| 56 | 4071020 | 2 | Shim #16 | |
| 57 | 4160149 | 1 | Spring | |
| 58 | 4711600 | 12 | Washer 3/8 | |
| 59 | 4751400 | 4 | Washer 1/4 | |
| 60 | 4891600 | 2 | Washer 3/8 | |
| 61 | 1001148650 | 2 | Pad, Wear | |
| 62 | 1001148651 | 2 | Pad, Wear | |
| 63 | 1001148652 | 20 | Pad, Wear | |
| 64 | 1001148653 | 1 | Pad, Wear | |
| 65 | 1001251081 | 1 | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 66 | 1001250737 | 2 | Cover, Boom | |
| 67 | 1001262352 | 1 | Base Boom | |

# SECTION 4 - BOOM

## FIGURE 4-7. MAIN BOOM ASSEMBLY (MACHINES WITH SN STARTING WITH 03) (860SJ HC3)



## FIGURE 4-7. MAIN BOOM ASSEMBLY (MACHINES WITH SN STARTING WITH 03) (860SJ HC3)

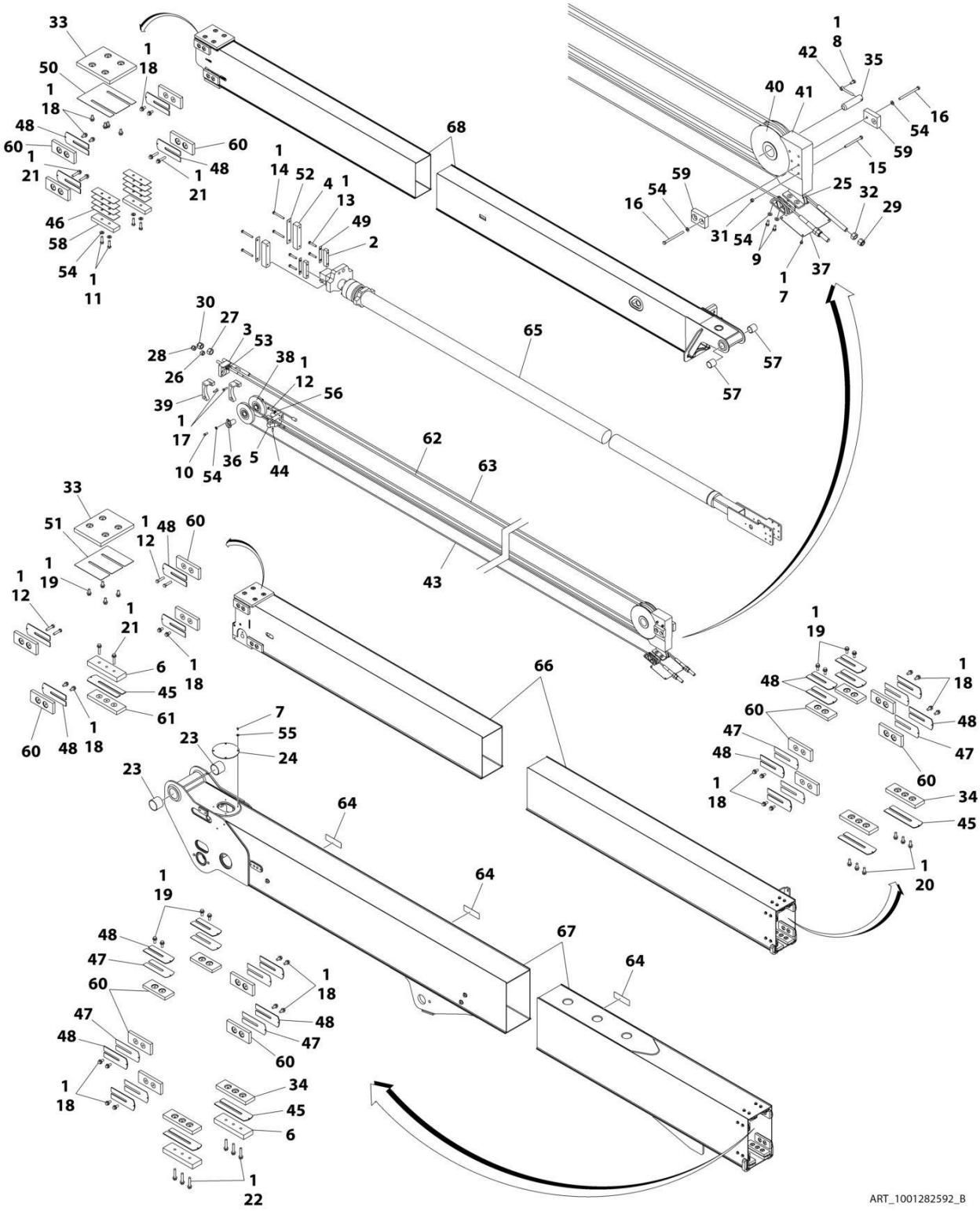
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256709 | Ref | MAIN BOOM ASSEMBLY | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Telescope Attach | |
| 3 | 0561445 | 1 | Block, Spring Mounting | |
| 4 | 0561446 | 2 | Block, Tele Mount | |
| 5 | 0561447 | 1 | Block, Cable Mount | |
| 6 | 0561449 | 3 | Block, Spacer | |
| 7 | 0641403 | 8 | Bolt 1/4 x 3/8 | |
| 8 | 0641606 | 1 | Bolt 3/8 x 3/4 | |
| 9 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 10 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 11 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 12 | 0641613 | 6 | Bolt 3/8 x 1-5/8 | |
| 13 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 14 | 0641626 | 4 | Bolt 3/8 x 3-1/4 | |
| 15 | 0641634 | 4 | Bolt 3/8 x 4 1/4 | |
| 16 | 0641640 | 2 | Bolt 3/8 x 5 | |
| 17 | 0741612 | 6 | Screw 3/8 x 1-1/2 | |
| 18 | 0811606 | 28 | Screw 3/8 x 3/4 | |
| 19 | 0811607 | 12 | Screw 3/8 x 7/8 | |
| 20 | 0811608 | 6 | Screw 3/8 x 1 | |
| 21 | 0811614 | 6 | Screw 3/8 x 1-3/4 | |
| 22 | 0811616 | 6 | Screw 3/8 x 2 | |
| 23 | 0962297 | 2 | Bearing | |
| 24 | 1120510 | 1 | Cover, Pin | |
| 25 | 1220078 | 2 | Sheave, Block | |
| 26 | 3272001 | 1 | Nut 5/8 | |
| 27 | 3272401 | 1 | Nut 7/8 | |
| 28 | 3300240 | 1 | Nut 5/8 | |
| 29 | 3300241 | 2 | Nut 3/4 | |
| 30 | 3300242 | 1 | Nut 7/8 | |
| 31 | 3311605 | 4 | Nut 3/8 | |
| 32 | 3312201 | 2 | Nut 3/4 | |
| 33 | 3340757 | 2 | Pad, Wear | |
| 34 | 3340871 | 4 | Pad, Wear | |
| 35 | 3422417 | 1 | Pin, Extend Sheave | |
| 36 | 3422424 | 2 | Pin | |
| 37 | 3539622 | 1 | Plate, Cover | |
| 38 | 3580243 | 2 | Sheave, Retract | |
| 38 | 0961951 | 1 | Bushing | |
| 39 | 3580249 | 2 | Guard, Sheave | |
| 40 | 3580288 | 1 | Sheave, Extend | |
| 40 | 0961951 | 2 | Bushing | |
| 41 | 3580289 | 1 | Guard, Sheave | |
| 42 | 3841143 | 1 | Keeper, Pin | |
| 43 | 3890016 | 2 | Cable, Wire Rope | |
| 44 | 3951608 | 2 | Setscrew 3/8 x 1 | |
| 45 | 4070863 | 5 | Shim (#11 Gauge) | |
| 46 | 4070895 | 8 | Shim (#16 Gauge) | |
| 47 | 4070897 | 10 | Shim (#18 Gauge) | |

# SECTION 4 - BOOM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 4070898 | 22 | Shim (#11 Gauge) | |
| 49 | 4070929 | 2 | Shim (#16 Gauge) | |
| 50 | 4070939 | 1 | Shim (#16 Gauge) | |
| 51 | 4070940 | 1 | Shim (#16 Gauge) | |
| 52 | 4071020 | 2 | Shim (#16 Gauge) | |
| 53 | 4160149 | 1 | Spring, Torsion | |
| 54 | 4711600 | 12 | Washer 3/8 | |
| 55 | 4751400 | 4 | Washer 1/4 | |
| 56 | 4891600 | 2 | Washer 3/8 | |
| 57 | 1001118666 | 2 | Bearing | |
| 58 | 1001148650 | 2 | Pad, Wear | |
| 59 | 1001148651 | 2 | Pad, Wear | |
| 60 | 1001148652 | 20 | Pad, Wear | |
| 61 | 1001148653 | 1 | Pad, Wear | |
| 62 | 1001181235 | 1 | Cable, Wire Rope | |
| 63 | 1001181236 | 1 | Cable, Wire Rope | |
| 64 | 1001251083 | 1 | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 65 | 1001250737 | 3 | Cover | |
| 66 | 1001256806 | 1 | Fly Weldment | |
| 67 | 1001256820 | 1 | Base Weldment | |
| 68 | 1001257286 | 1 | Mid Weldment | |

# SECTION 4 - BOOM

## FIGURE 4-8. MAIN BOOM ASSEMBLY (MACHINES WITH SN STARTING WITH B3) (860SJ HC3)



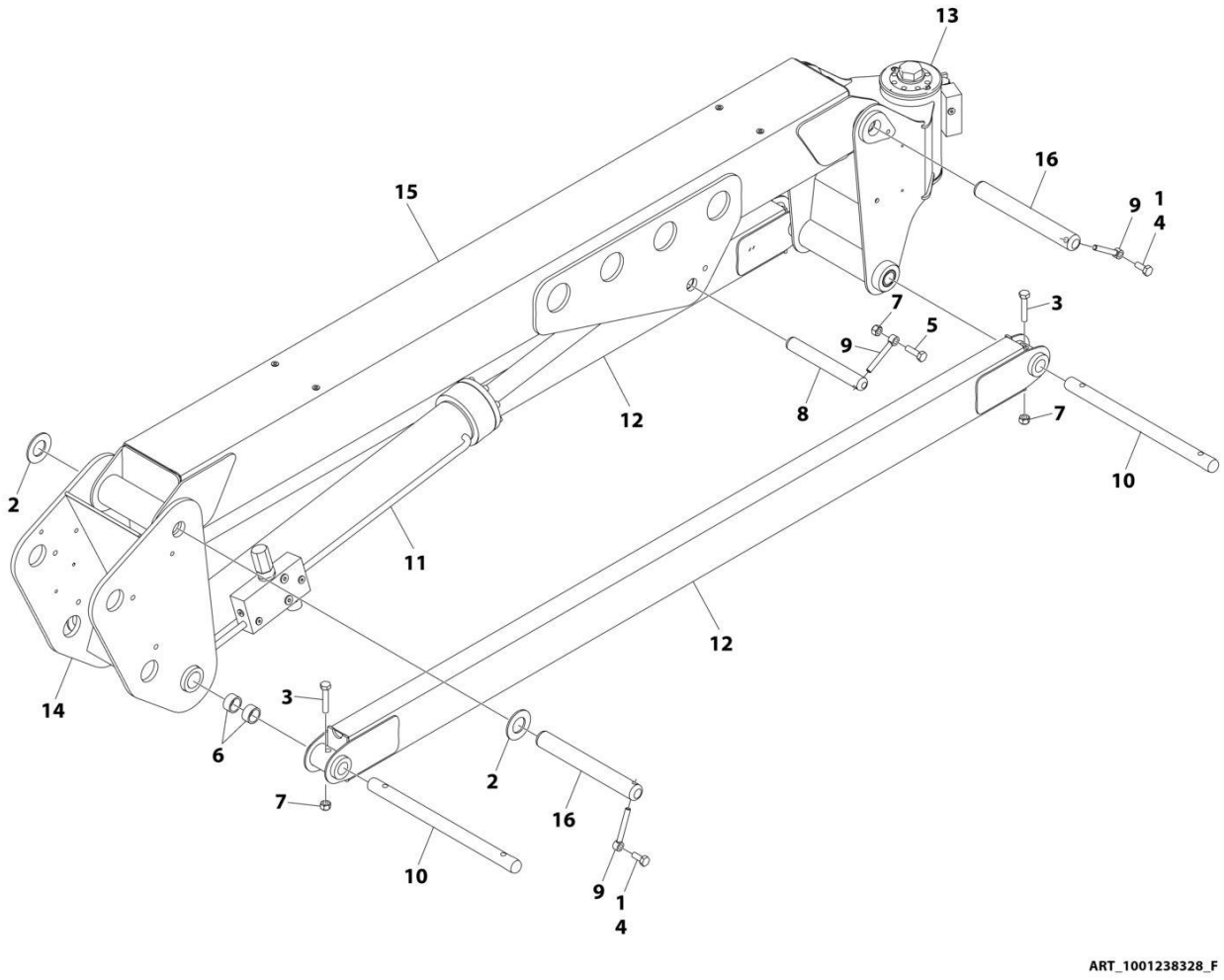
## FIGURE 4-8. MAIN BOOM ASSEMBLY (MACHINES WITH SN STARTING WITH B3) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001282592 | Ref | MAIN BOOM ASSEMBLY | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Telescope Attach | |
| 3 | 0561445 | 1 | Block, Spring Mounting | |
| 4 | 0561446 | 2 | Block, Tele Mount | |
| 5 | 0561447 | 1 | Block, Cable Mount | |
| 6 | 0561449 | 3 | Block, Spacer | |
| 7 | 0641403 | 8 | Bolt 1/4 x 3/8 | |
| 8 | 0641606 | 1 | Bolt 3/8 x 3/4 | |
| 9 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 10 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 11 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 12 | 0641613 | 6 | Bolt 3/8 x 1-5/8 | |
| 13 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 14 | 0641626 | 4 | Bolt 3/8 x 3-1/4 | |
| 15 | 0641634 | 4 | Bolt 3/8 x 4 1/4 | |
| 16 | 0641640 | 2 | Bolt 3/8 x 5 | |
| 17 | 0741612 | 6 | Screw 3/8 x 1-1/2 | |
| 18 | 0811606 | 28 | Screw 3/8 x 3/4 | |
| 19 | 0811607 | 12 | Screw 3/8 x 7/8 | |
| 20 | 0811608 | 6 | Screw 3/8 x 1 | |
| 21 | 0811614 | 6 | Screw 3/8 x 1-3/4 | |
| 22 | 0811616 | 6 | Screw 3/8 x 2 | |
| 23 | 0962297 | 2 | Bearing | |
| 24 | 1120510 | 1 | Cover, Pin | |
| 25 | 1220078 | 2 | Sheave, Block | |
| 26 | 3272001 | 1 | Nut 5/8 | |
| 27 | 3272401 | 1 | Nut 7/8 | |
| 28 | 3300240 | 1 | Nut 5/8 | |
| 29 | 3300241 | 2 | Nut 3/4 | |
| 30 | 3300242 | 1 | Nut 7/8 | |
| 31 | 3311605 | 4 | Nut 3/8 | |
| 32 | 3312201 | 2 | Nut 3/4 | |
| 33 | 3340757 | 2 | Pad, Wear | |
| 34 | 3340871 | 4 | Pad, Wear | |
| 35 | 3422417 | 1 | Pin, Extend Sheave | |
| 36 | 3422424 | 2 | Pin | |
| 37 | 3539622 | 1 | Plate, Cover | |
| 38 | 3580243 | 2 | Sheave, Retract | |
| 38 | 0961951 | 1 | Bushing | |
| 39 | 3580249 | 2 | Guard, Sheave | |
| 40 | 3580288 | 1 | Sheave, Extend | |
| 40 | 0961951 | 2 | Bushing | |
| 41 | 3580289 | 1 | Guard, Sheave | |
| 42 | 3841143 | 1 | Keeper, Pin | |
| 43 | 3890016 | 2 | Cable, Wire Rope | |
| 44 | 3951608 | 2 | Setscrew 3/8 x 1 | |
| 45 | 4070863 | 5 | Shim (#11 Gauge) | |
| 46 | 4070895 | 8 | Shim (#16 Gauge) | |
| 47 | 4070897 | 10 | Shim (#18 Gauge) | |

# SECTION 4 - BOOM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 4070898 | 22 | Shim (#11 Gauge) | |
| 49 | 4070929 | 2 | Shim (#16 Gauge) | |
| 50 | 4070939 | 1 | Shim (#16 Gauge) | |
| 51 | 4070940 | 1 | Shim (#16 Gauge) | |
| 52 | 4071020 | 2 | Shim (#16 Gauge) | |
| 53 | 4160149 | 1 | Spring, Torsion | |
| 54 | 4711600 | 12 | Washer 3/8 | |
| 55 | 4751400 | 4 | Washer 1/4 | |
| 56 | 4891600 | 2 | Washer 3/8 | |
| 57 | 1001118666 | 2 | Bearing | |
| 58 | 1001148650 | 2 | Pad, Wear | |
| 59 | 1001148651 | 2 | Pad, Wear | |
| 60 | 1001148652 | 20 | Pad, Wear | |
| 61 | 1001148653 | 1 | Pad, Wear | |
| 62 | 1001181235 | 1 | Cable, Wire Rope | |
| 63 | 1001181236 | 1 | Cable, Wire Rope | |
| 64 | 1001250737 | 3 | Cover | |
| 65 | 1001251083 | 1 | Telescope Cylinder Assembly Options (See Separate Breakdown in CYLINDER Section) | |
| 66 | 1001282585 | 1 | Mid Weldment | |
| 67 | 1001282588 | 1 | Base Weldment | |
| 68 | 1001282591 | 1 | Fly Weldment | |

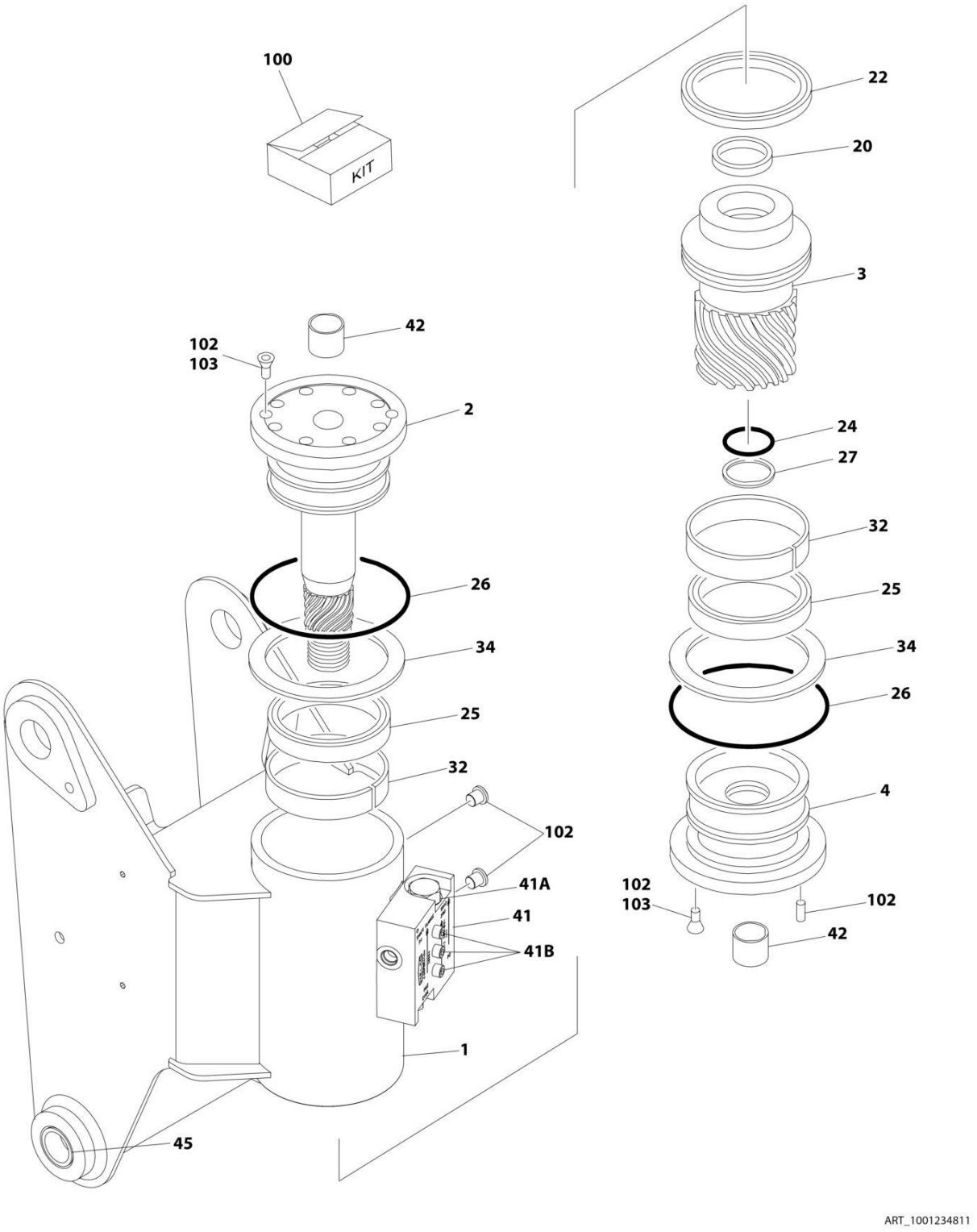
## FIGURE 4-9. JIB ASSEMBLY (860SJ HC3)



## FIGURE 4-9. JIB ASSEMBLY (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238328 | Ref | JIB BOOM ASSEMBLY | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0440162 | 2 | Thrustwasher 0.188IN Thick | |
| 2 | 0440237 | 1 | Thrustwasher 0.125IN Thick | |
| 3 | 0701020 | 1 | Bolt M10 x 60 | |
| 4 | 0761012 | 2 | Bolt M10 x 25 | |
| 5 | 0761015 | 1 | Bolt M10 x 35 | |
| 6 | 0961947 | 4 | Bearing 1IN ID x 1.25IN OD x 5/8IN L | |
| 6 | 1001134289 | 4 | Bearing 1IN ID x 1.5IN OD x 1IN L | |
| 7 | 3291005 | 5 | Nut M10 | |
| 8 | 3422867 | 1 | Pin | |
| 9 | 3841143 | 3 | Keeper, Pin | |
| 10 | 3422861 | 1 | Pin | |
| 11 | 1001264991 | 1 | Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER SECTION) | |
| 12 | 4844817 | 1 | Link | |
| 13 | 1001234811 | 1 | Rotator Assembly (See Separate Breakdown in this Section) | |
| 14 | 1001238168 | 1 | Pivot | |
| 15 | 1001238333 | 1 | Tube (Upper) | |
| 15 | 0962155 | 1 | Bushing | |
| 16 | 1001238398 | 2 | Pin | |

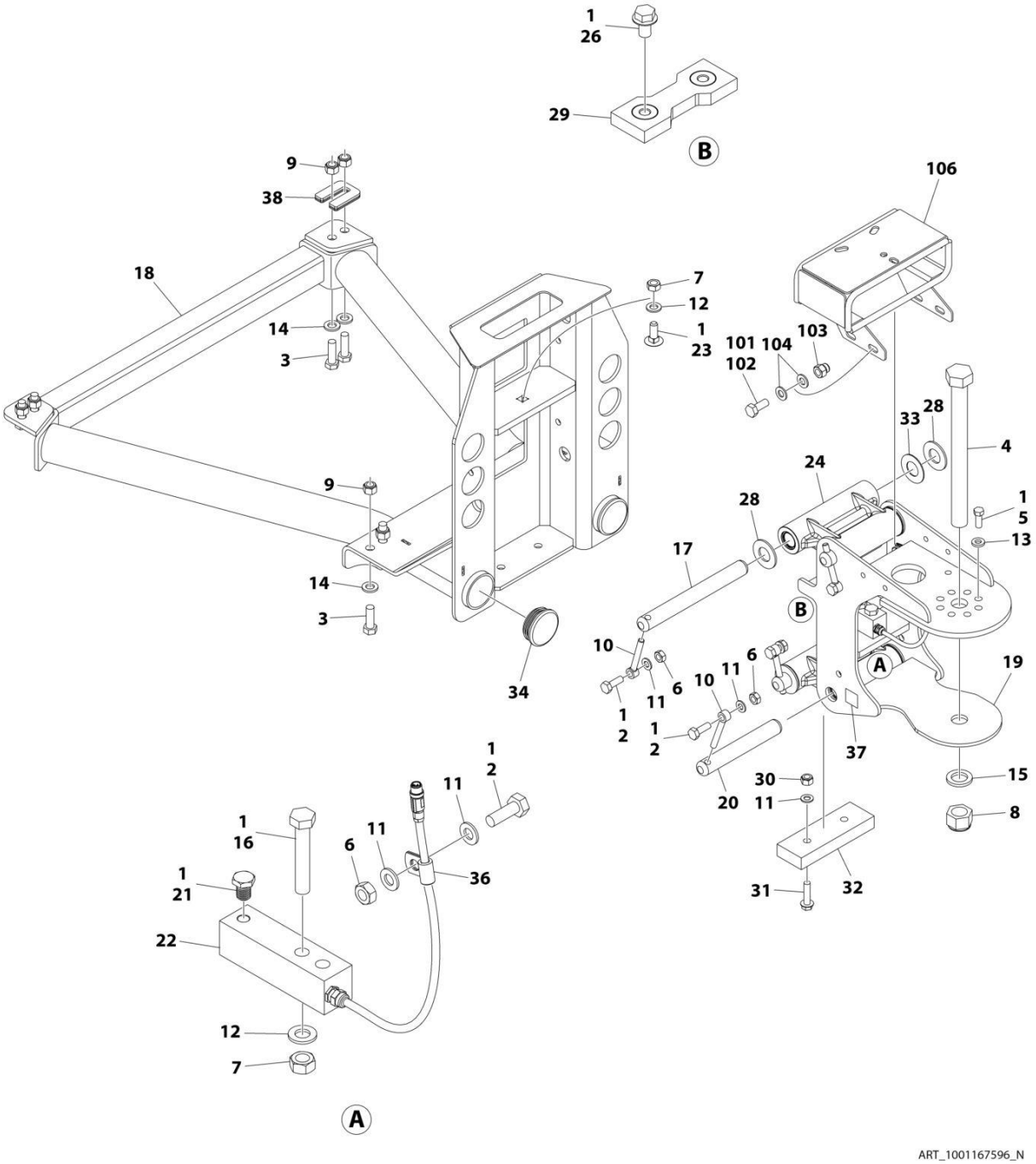
## FIGURE 4-10. ROTATOR ASSEMBLY (860SJ HC3)



## FIGURE 4-10. ROTATOR ASSEMBLY (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001234811 | Ref | ROTATOR ASSEMBLY | B |
| 1 | See Note | NSS | Housing/Ring Gear Assembly (Note: Not Available - Purchase Complete Rotator Assembly) | |
| 2 | 7017162 | 1 | Shaft Weldment | |
| 3 | 7017163 | 1 | Piston/Sleeve Assembly | |
| 4 | 7017164 | 1 | Cap, End | |
| 20 | See Note | NSS | T-Seal (Note: Use Item 100) | |
| 22 | See Note | NSS | T-Seal (Note: Use Item 100) | |
| 24 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 25 | See Note | NSS | Seal (Note: Use Item 100) | |
| 26 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 27 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 32 | See Note | NSS | Ring, Wear (Note: Use Item 101) | |
| 34 | See Note | NSS | Washer, Thrust (Note: Use Item 101) | |
| 41 | 7017172 | AR | Valve Assembly | |
| 41A | 7017192 | 2 | Cartridge, Valve | |
| 41A | See Note | NSS | Seal Kit - 7017192 Valve (Note: Not Available for Purchase) | |
| 41B | See Note | 3 | Bolt 1/4-20NC x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally) | |
| 42 | 7017195 | 2 | Bushing | |
| 45 | 0961947 | 2 | Bushing 1IN ID x 1.25IN OD x 5/8IN L | |
| 45 | 1001134289 | 2 | Bushing 1IN ID x 1.5IN OD x 1IN L | |
| 100 | 70000342 | 1 | Seal Kit (Includes Items 20, 22, 24, 25, 27 & 33) | |
| 101 | 7017159 | 1 | Bearing Kit (Includes Items 32 & 34) | |
| 102 | 7017142 | 1 | Hardware Kit | |
| 103 | 70001697 | 4 | Screw, Countersunk 1/4 x 3/8 Grade 8 | |

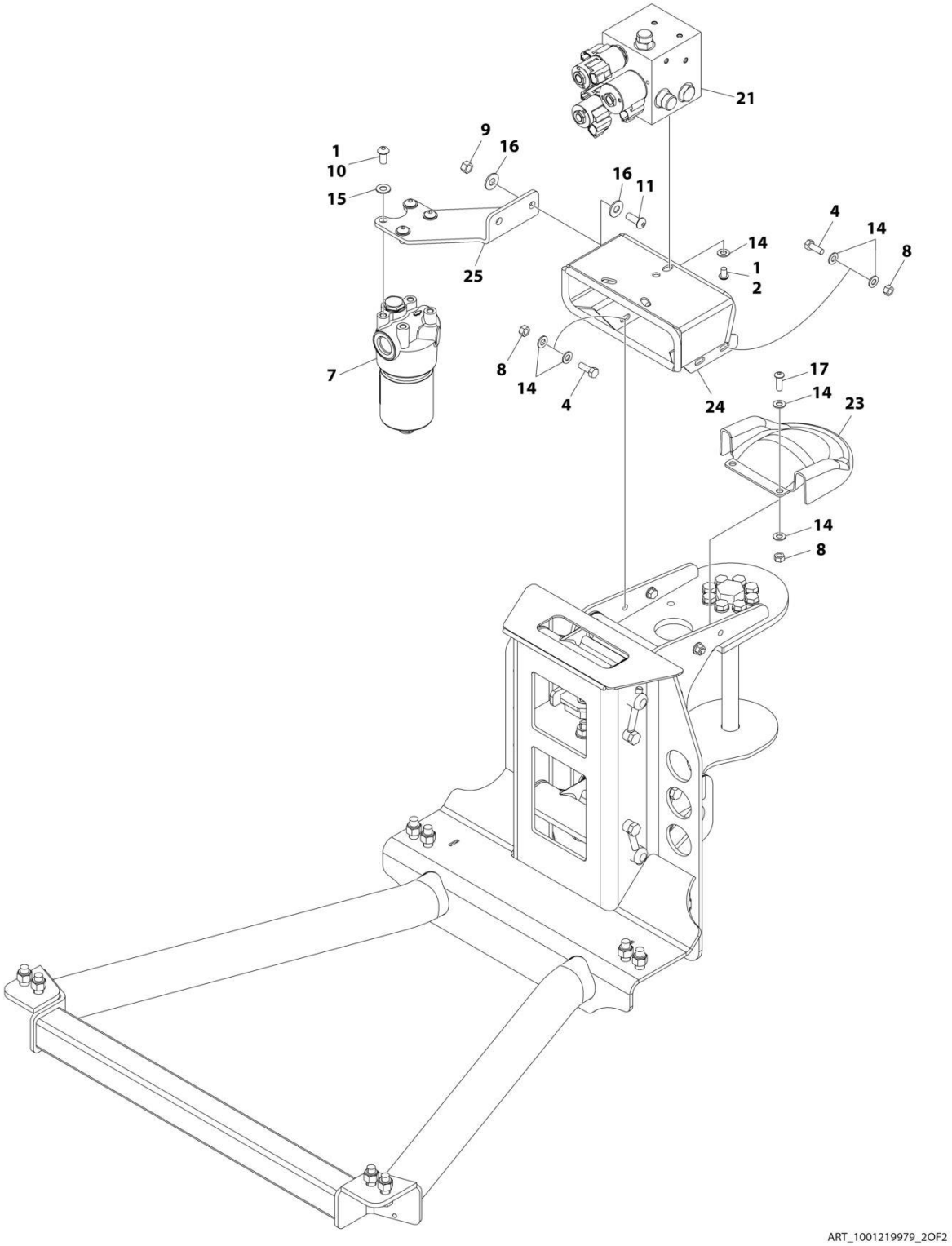
## FIGURE 4-11. PLATFORM SUPPORT INSTALLATION



## FIGURE 4-11. PLATFORM SUPPORT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001167596 | Ref | PLATFORM SUPPORT INSTALLATION | N |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0761014 | 5 | Bolt M10 x 30 | |
| 3 | 0761216 | 8 | Bolt M12 x 40 | |
| 4 | 1001255133 | 1 | Bolt 1 x 11 GRD8 | |
| 5 | 0681608 | 8 | Bolt 3/8 x 1 GRD8 | |
| 6 | 3291001 | 5 | Nut M10 | |
| 7 | 3291201 | 3 | Nut M12 | |
| 8 | 1001174040 | 1 | Nut 1 | |
| 9 | 3291205 | 8 | Nut M12 | |
| 10 | 3841143 | 4 | Keeper, Pin | |
| 11 | 4812000 | 8 | Washer M10 | |
| 12 | 4812100 | 3 | Washer M12 | |
| 13 | 4891600 | 8 | Washer 3/8 | |
| 14 | 5241200 | 8 | Washer M12 | |
| 15 | 4892600001 | 1 | Washer 1 | |
| 16 | 1001098828 | 2 | Bolt M12 x 70 CL10.9 | |
| 17 | 1001167565 | 2 | Pin | |
| 18 | 1001200494 | 1 | Support, Platform | |
| 19 | 1001167567 | 1 | Support, Rotator | |
| 20 | 1001168402 | 2 | Pin | |
| 21 | 1001188622 | 1 | Screw | |
| 22 | 1001247468 | 1 | Loadcell | |
| 23 | 1001188844 | 1 | Bolt M12 x 35 | |
| 24 | 1001201351 | 2 | Link | |
| 24 | 1001187382 | 4 | Bearing | |
| 24 | 1001187383 | 4 | Seal | |
| 26 | 5251008 | 2 | Bolt M10 x 16 CL10.9 | |
| 28 | 1001189002 | 8 | Bearing | |
| 29 | 1001190985 | 1 | Pad, Wear | |
| 30 | 3291005 | 2 | Nut M10 | |
| 31 | 5251016 | 2 | Bolt M10 x 40 CL10.9 | |
| 32 | 1001200491 | 1 | Pad, Wear | |
| 33 | 1001189001 | 4 | Bearing | |
| 34 | 1001204725 | 2 | Plug | |
| 36 | 91203039 | 1 | Clamp | |
| 37 | 1001216630 | 2 | Decal - Tie Down/No Lift | |
| 38 | 1001238421 | Ref | Kit, Platform Leveling (Not Shown) | |
| | 1001202687 | Ref | VALVE MOUNT INSTALLATION | B |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0760810 | 4 | Bolt M8 x 20 | |
| 103 | 3290806 | 4 | Nut M8 | |
| 104 | 4811900 | 8 | Washer M8 | |
| 106 | 1001208994 | 1 | Mount, Valve | |

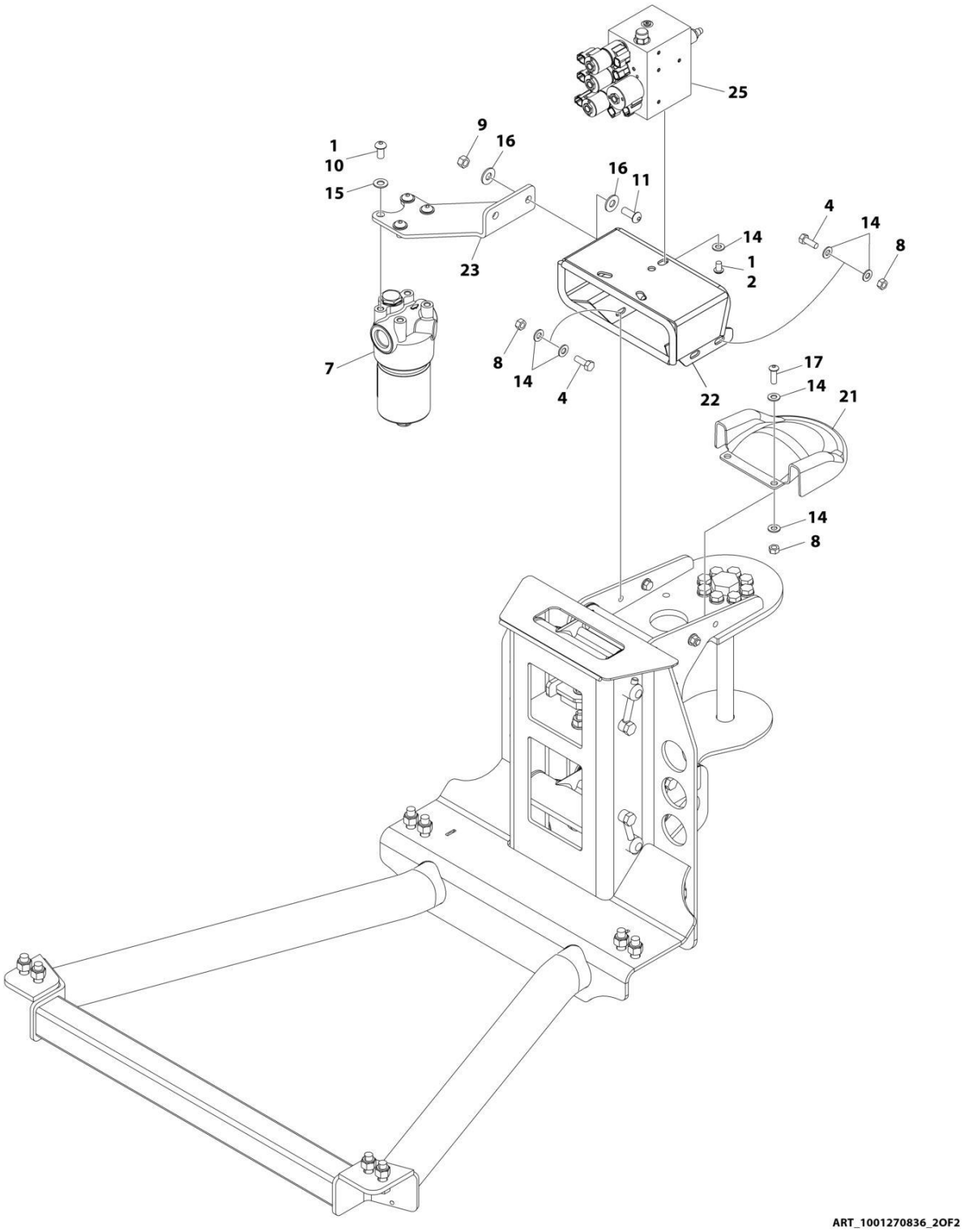
## FIGURE 4-12. CONTROL VALVE INSTALLATION (800S HC3)



## FIGURE 4-12. CONTROL VALVE INSTALLATION (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219979 | Ref | CONTROL VALVE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630467 | 3 | Screw, Button Head | |
| 4 | 0641507 | 4 | Bolt 5/16 x 7/8 | |
| 7 | 2120217 | 1 | Filter, High Pressure | |
| 7 | 70002097 | 1 | Element, Filter | |
| 7 | 70001499 | 1 | Kit, Seal | |
| 7 | 70004328 | 1 | Plug, Indicator | |
| 8 | 3311505 | 6 | Nut 5/16 | |
| 9 | 3311605 | 2 | Nut 3/8 | |
| 10 | 3900283 | 4 | Screw 3/8 x 3/4 | |
| 11 | 3900316 | 2 | Screw 3/8 x 1 | |
| 14 | 4711500 | 15 | Washer 5/16 | |
| 15 | 4711600 | 4 | Washer 3/8 | |
| 16 | 4751600 | 4 | Washer 3/8 | |
| 17 | 88261024 | 2 | Screw 5/16 x 1 | |
| 21 | 1001244114 | 1 | Valve, Platform (See Separate Breakdown in this Section) | |
| 22 | 1001168025 | 1 | Upper Valve Harness (not shown) | |
| 22 | 4460926 | 1 | Connector - 21 Position | |
| 22 | 1001126008 | 8 | Terminal | |
| 22 | 1001126009 | 6 | Terminal (Gold) | |
| 22 | 4460911 | 2 | Connector 3 Position | |
| 22 | 1001126009 | 6 | Terminal (Gold) | |
| 22 | 4460891 | 7 | Connector 2 Position | |
| 22 | 4460465 | 14 | Terminal | |
| 23 | 1001207969 | 1 | Cover | |
| 24 | 1001208994 | 1 | Plate, Valve Mounting | |
| 25 | 1001222314 | 1 | Bracket, Filter Mounting | |

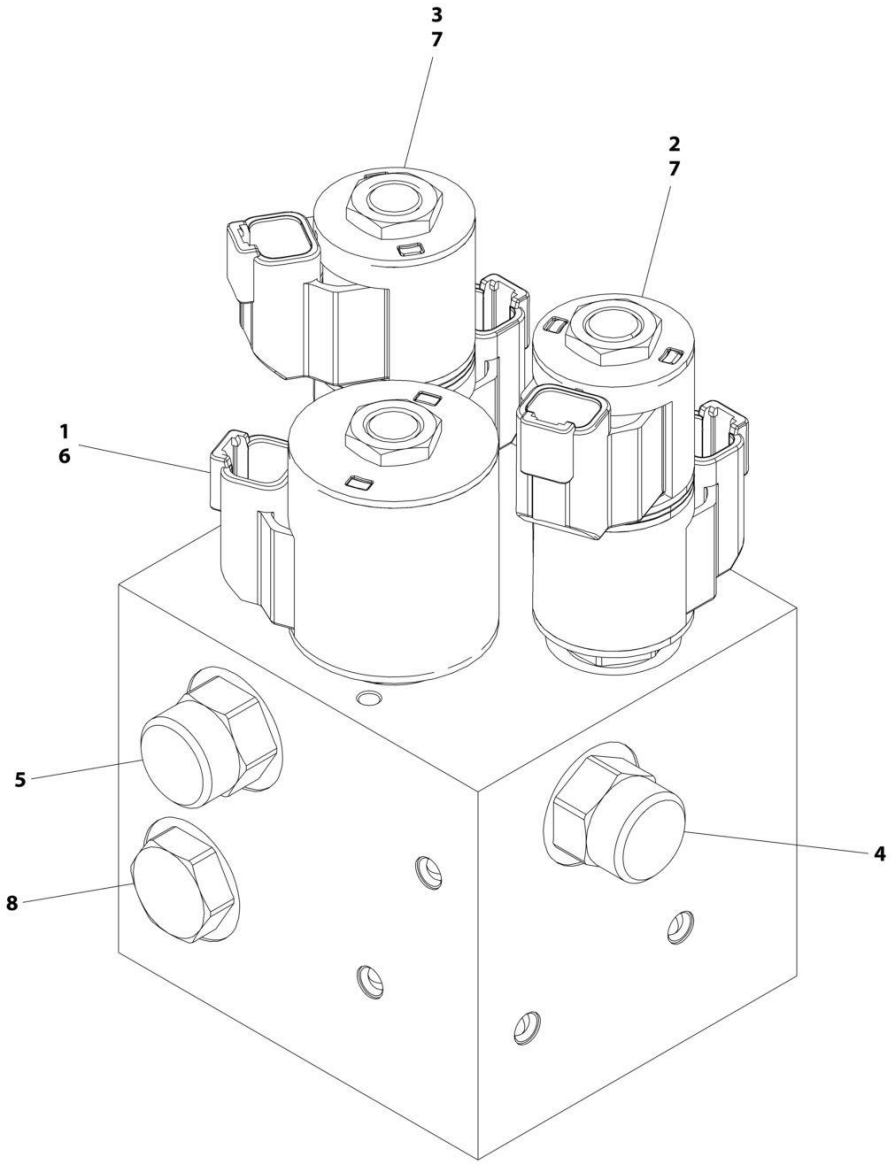
## FIGURE 4-13. CONTROL VALVE INSTALLATION (860SJ HC3)



## FIGURE 4-13. CONTROL VALVE INSTALLATION (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001270836 | Ref | CONTROL VALVE INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630467 | 3 | Bolt 5/16 x 1/2 | |
| 4 | 0641507 | 4 | Bolt 5/16 x 7/8 | |
| 7 | 2120217 | 1 | Filter, High Pressure | |
| 7 | 70002097 | 1 | Element, Filter | |
| 7 | 70001499 | 1 | Kit, Seal | |
| 7 | 70004328 | 1 | Plug, Indicator | |
| 8 | 3311505 | 6 | Nut 5/16 | |
| 9 | 3311605 | 2 | Nut 3/8 | |
| 10 | 3900283 | 4 | Bolt 3/8 x 3/4 | |
| 11 | 3900316 | 2 | Bolt 3/8 x 1 | |
| 14 | 4711500 | 15 | Washer 5/16 | |
| 15 | 4711600 | 4 | Washer 3/8 | |
| 16 | 4751600 | 4 | Washer 3/8 | |
| 17 | 88261024 | 2 | Bolt 5/16 x 1 | |
| 21 | 1001207969 | 1 | Cover | |
| 22 | 1001208994 | 1 | Plate, Valve Mounting | |
| 23 | 1001222314 | 1 | Bracket, Filter Mounting | |
| 25 | 1001270835 | 1 | Valve, Platform (See Separate Breakdown in this Section) | |

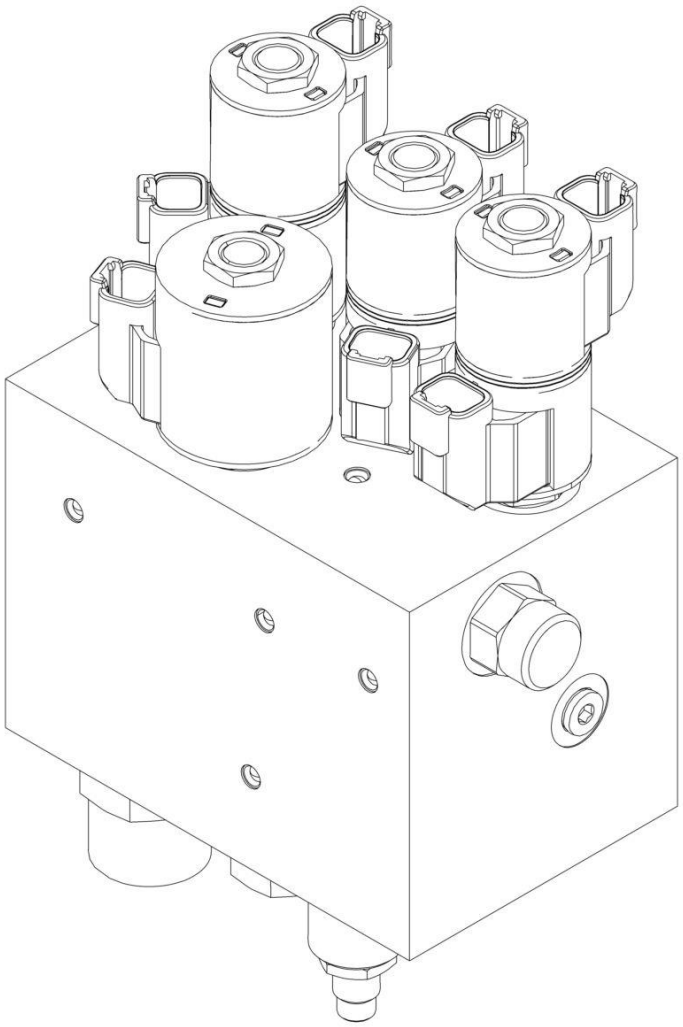
## FIGURE 4-14. PLATFORM VALVE ASSEMBLY (800S HC3)



## FIGURE 4-14. PLATFORM VALVE ASSEMBLY (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244114 | Ref | PLATFORM VALVE ASSEMBLY | B |
| 1 | 7012995 | 1 | Cartridge, Solenoid Valve (Pressure) | |
| 1 | 7012518 | 1 | Seal Kit - 7012995 Valve | |
| 2 | 7017452 | 1 | Cartridge, Solenoid Valve (Platform Rotator) | |
| 2 | 7017402 | 1 | Seal Kit - 7017452 Valve | |
| 3 | 7023922 | 1 | Cartridge, Solenoid Valve (Platform Level) | |
| 3 | 7017402 | 1 | Seal Kit - 7023922 Valve | |
| 4 | 7012989 | 1 | Cartridge, Valve (Flow Regulator) | |
| 4 | 7012953 | 1 | Seal Kit - 7012989 Valve | |
| 5 | 7017446 | 1 | Cartridge, Valve (Flow Regulator) | |
| 5 | 7012953 | 1 | Seal Kit - 7023984 & 7017446 Valves | |
| 6 | 70003788 | 1 | Coil | |
| 7 | 70002386 | 4 | Coil | |
| 8 | 7012955 | 1 | Cartridge, Valve (Check Valve) | |
| 8 | 7012967 | 1 | Seal Kit - 7012955 Valve | |
| 9 | 70004582 | 1 | Orifice (Not Shown - Located on Back at Port T) | |

## FIGURE 4-15. PLATFORM VALVE ASSEMBLY (860SJ HC3)

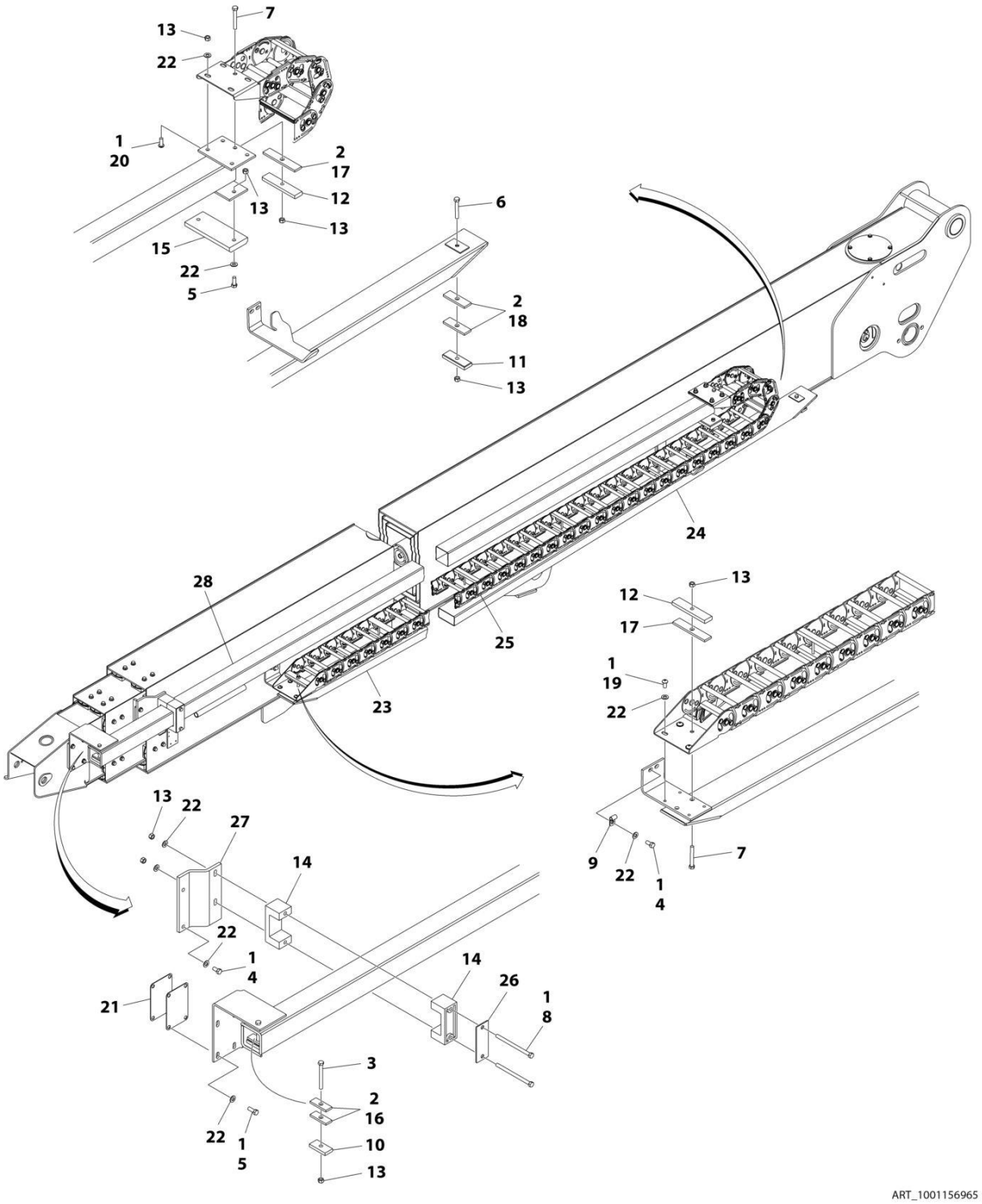


ART_1001270835

## FIGURE 4-15. PLATFORM VALVE ASSEMBLY (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001270835 | Ref | PLATFORM VALVE ASSEMBLY | B |
| | Note | 1 | Note: No service parts available at time of printing. | |

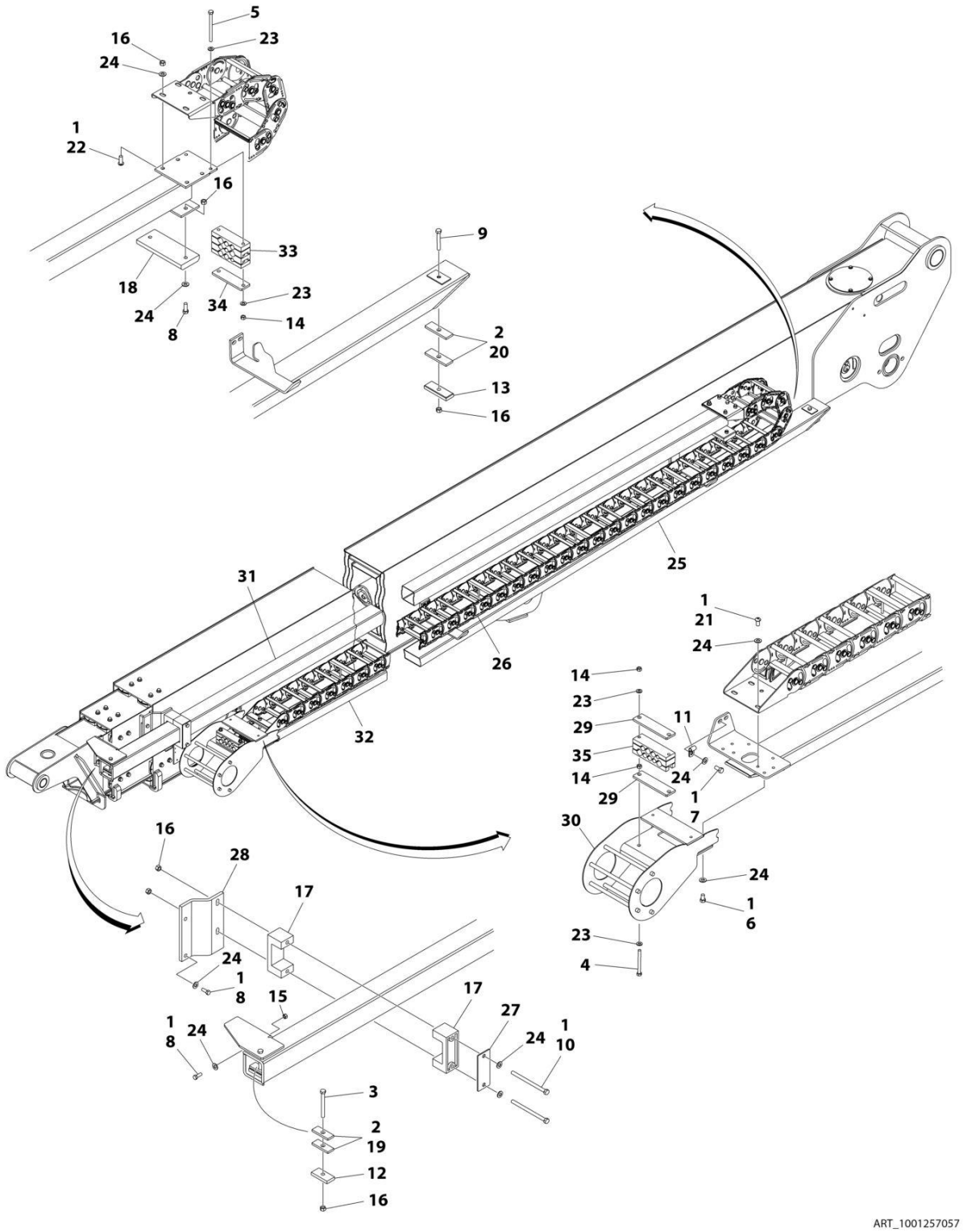
## FIGURE 4-16. POWER TRACK INSTALLATION - MAIN BOOM (800S HC3)



## FIGURE 4-16. POWER TRACK INSTALLATION - MAIN BOOM (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001156965 | Ref | POWER TRACK INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 0630539 | 1 | Bolt 3/8 x 3-1/2 | |
| 4 | 0641606 | 12 | Bolt 3/8 x 3/4 | |
| 5 | 0641608 | 6 | Bolt 3/8 x 1 | |
| 6 | 0641620 | 1 | Bolt 3/8 x 2-1/2 | |
| 7 | 0641622 | 2 | Bolt 3/8 x 2-3/4 | |
| 8 | 0641644 | 2 | Bolt 3/8 x 5-1/2 | |
| 9 | 1320263 | 2 | Clamp, Cable | |
| 10 | 1320288 | 1 | Clamp, Hose | |
| 11 | 1320289 | 1 | Clamp, Hose | |
| 12 | 1320294 | 2 | Bar, Clamping | |
| 13 | 3311605 | 12 | Nut 3/8 | |
| 14 | 3340764 | 2 | Pad, Wear | |
| 15 | 3340787 | 1 | Pad, Wear | |
| 16 | 3340941 | 2 | Pad, Push Tube | |
| 17 | 3340942 | 2 | Pad, Rubber | |
| 18 | 3340943 | 2 | Pad, Rubber | |
| 19 | 3900283 | 4 | Screw, Button Head 3/8 x 3/4 | |
| 20 | 3900316 | 4 | Screw, Button Head 3/8 x 1 | |
| 21 | 4070969 | 2 | Shim | |
| 22 | 4711600 | 28 | Washer 3/8 | |
| 23 | 4846553 | 1 | Support, Push Tube | |
| 24 | 4846558 | 1 | Tube, Push | |
| 25 | 1001131731 | 1 | Power Track | |
| 25 | 70003921 | AR | Repair Section (Includes 1 Pin Assembly for each end) | |
| 25 | 70003922 | 1 | Mounting Feet (Includes Both Pair of Feet) | |
| 26 | 1001136400 | 1 | Plate | |
| 27 | 1001156439 | 1 | Plate | |
| 28 | 1001156443 | 1 | Tube, Push | |

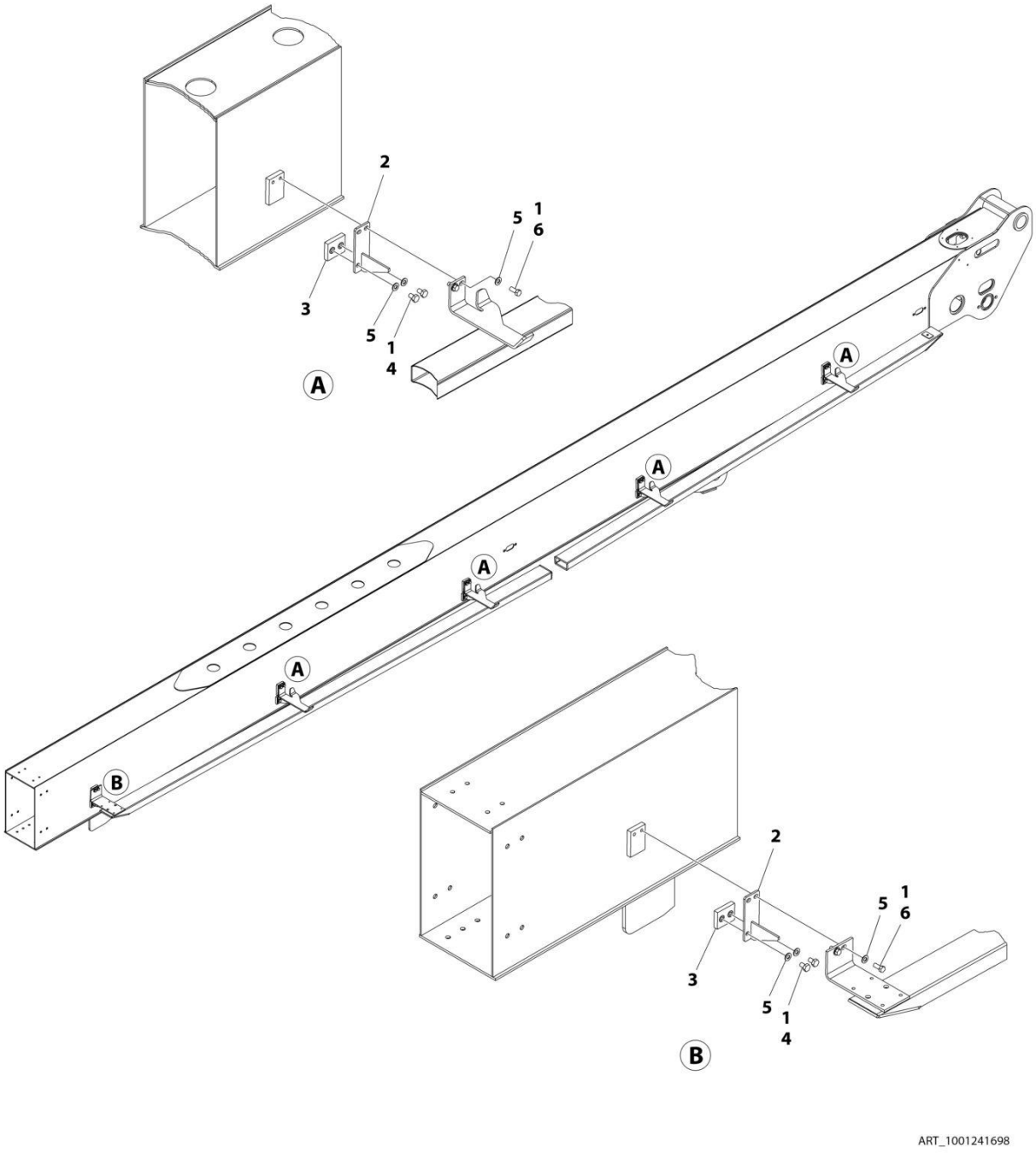
## FIGURE 4-17. POWER TRACK INSTALLATION - MAIN BOOM (860SJ HC3)



## FIGURE 4-17. POWER TRACK INSTALLATION - MAIN BOOM (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257057 | Ref | POWER TRACK INSTALLATION - MAIN BOOM | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100081 | AR | Adhesive | |
| 3 | 0630539 | 1 | Bolt 3/8 x 3-1/2 | |
| 4 | 1001263327 | 2 | Bolt 5/16 x 3.25 | |
| 5 | 1001262829 | 2 | Bolt 5/16 x 4 | |
| 6 | 0641605 | 4 | Bolt 3/8 x 5/8 | |
| 7 | 0641606 | 10 | Bolt 3/8 x 3/4 | |
| 8 | 0641608 | 8 | Bolt 3/8 x 1 | |
| 9 | 0641620 | 1 | Bolt 3/8 x 2-1/2 | |
| 10 | 0641644 | 2 | Bolt 3/8 x 5-1/2 | |
| 11 | 1320263 | 2 | Clamp, Cable | |
| 12 | 1320288 | 1 | Clamp, Hose | |
| 13 | 1320289 | 1 | Clamp, Hose | |
| 14 | 3271505 | 10 | Nut 5/16 | |
| 15 | 3271601 | 4 | Nut 3/8 | |
| 16 | 3311605 | 10 | Nut 3/8 | |
| 17 | 3340764 | 2 | Pad, Wear | |
| 18 | 3340787 | 1 | Pad, Wear | |
| 19 | 3340941 | 2 | Pad, Push Tube | |
| 20 | 3340943 | 2 | Pad, Rubber | |
| 21 | 3900283 | 4 | Screw 3/8 x 3/4 | |
| 22 | 3900316 | 4 | Screw 3/8 x 1 | |
| 23 | 4711500 | 8 | Washer 5/16 | |
| 24 | 4711600 | 36 | Washer 3/8 | |
| 25 | 4846558 | 1 | Tube, Push | |
| 26 | 1001131731 | 1 | Power Track | |
| 26 | 70003921 | AR | Repair Section (Includes 1 Pin Assembly for each end) | |
| 26 | 70003922 | 1 | Mounting Feet (Includes Both Pair of Feet) | |
| 27 | 1001136400 | 1 | Plate | |
| 28 | 1001156439 | 1 | Plate | |
| 29 | 1001249824 | 2 | Plate | |
| 30 | 1001250384 | 1 | Mount | |
| 31 | 1001257062 | 1 | Push Tube | |
| 32 | 1001257093 | 1 | Support, Power Track | |
| 33 | 1001257428 | 1 | Clamp | |
| 34 | 1001257429 | 1 | Plate | |
| 35 | 1001257657 | 1 | Clamp | |

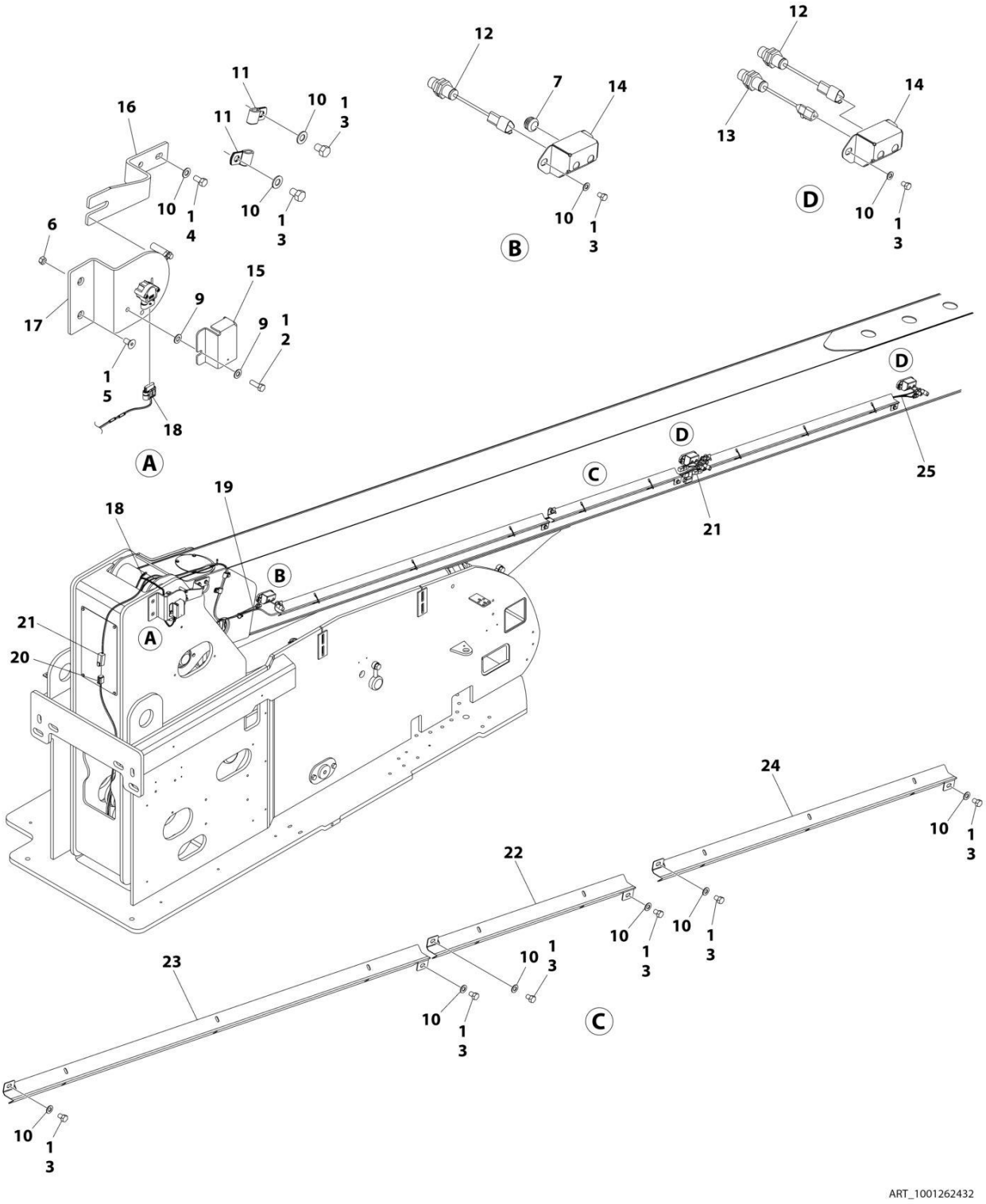
## FIGURE 4-18. POWER TRACK SUPPORT BRACKET INSTALLATION



## FIGURE 4-18. POWER TRACK SUPPORT BRACKET INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241698 | Ref | POWER TRACK SUPPORT BRACKET INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 1001241694 | 5 | Bracket | |
| 3 | 1001241697 | 5 | Pad, Wear | |
| 4 | 0761008 | 10 | Bolt M10 x 16 | |
| 5 | 4711600 | 20 | Washer 3/8 | |
| 6 | 0641607 | 10 | Bolt 3/8 x 7/8 | |

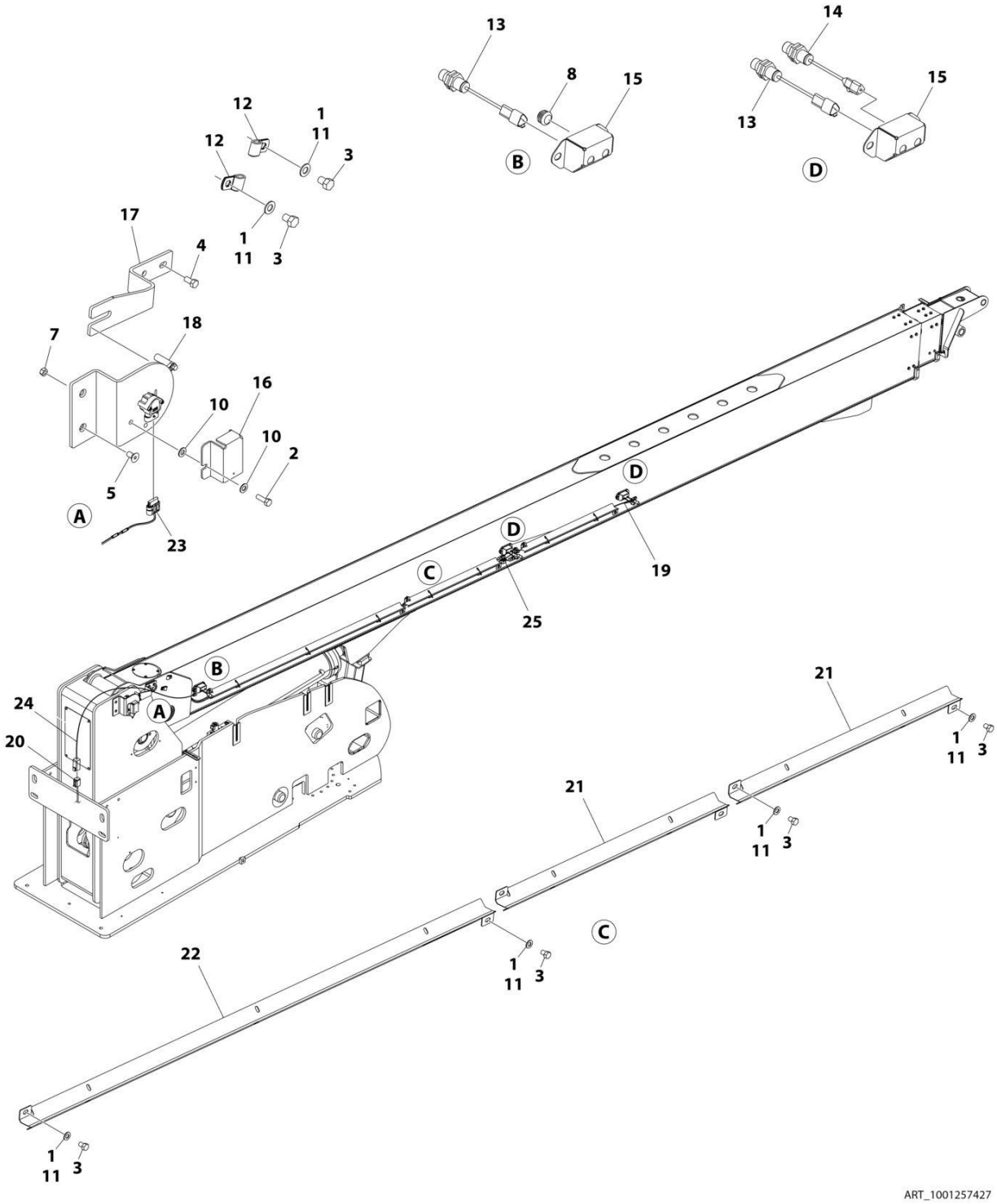
## FIGURE 4-19. LIMIT SWITCHES AND COVERS INSTALLATION (800S HC3)



## FIGURE 4-19. LIMIT SWITCHES AND COVERS INSTALLATION (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001262432 | Ref | LIMIT SWITCHES AND COVERS INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641508 | 1 | Bolt 5/16 x 1 | |
| 3 | 0641604 | 14 | Bolt 3/8 x 1/2 | |
| 4 | 0641606 | 2 | Bolt 3/8 x 3/4 | |
| 5 | 0741606 | 2 | Bolt 3/8 x 3/4 | |
| 6 | 3311501 | 1 | Nut 5/16 | |
| 7 | 3520193 | 1 | Plug | |
| 8 | 4240033 | 11 | Tie-Strap (Not Shown) | |
| 9 | 4711500 | 2 | Washer 5/16 | |
| 10 | 4711600 | 16 | Washer 3/8 | |
| 11 | 1001102858 | 2 | Clamp | |
| 12 | 1001170847 | 3 | Sensor, Proximity | |
| 13 | 1001182570 | 2 | Sensor, Proximity | |
| 14 | 1001204715 | 3 | Bracket | |
| 15 | 1001211588 | 1 | Shield | |
| 16 | 1001254019 | 1 | Plate | |
| 17 | 1001254020 | 1 | Lower Sensor Assembly (See Separate Breakdown in this Section) | |
| 18 | 1001255356 | 1 | Cable, Boom Angle | |
| 19 | 1001255357 | 1 | Cable, Transport | |
| 20 | 1001255358 | 1 | Cable, Lower Sensor | |
| 21 | 1001255359 | 1 | Cable, Upper Sensor | |
| 22 | 1001258330 | 1 | Cover, Harness | |
| 23 | 1001258332 | 1 | Cover, Harness | |
| 24 | 1001262601 | 1 | Cover, Harness | |
| 25 | 1001263035 | 1 | Cable, Full Extension | |

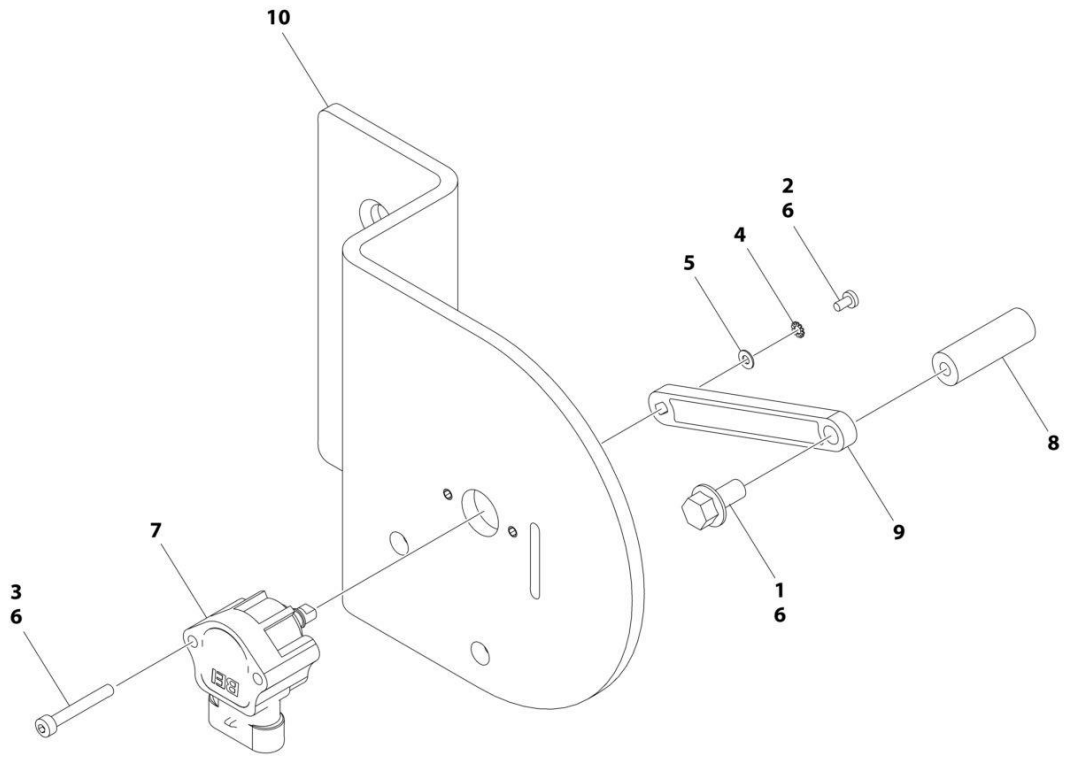
## FIGURE 4-20. LIMIT SWITCHES AND COVERS INSTALLATION (860SJ HC3)



## FIGURE 4-20. LIMIT SWITCHES AND COVERS INSTALLATION (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257427 | Ref | LIMIT SWITCHES AND COVERS INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641508 | 1 | Bolt 5/16 x 1 | |
| 3 | 0641604 | 14 | Bolt 3/8 x 1/2 | |
| 4 | 0641606 | 2 | Bolt 3/8 x 3/4 | |
| 5 | 0741606 | 2 | Bolt 3/8 x 3/4 | |
| 7 | 3311501 | 1 | Nut 5/16 | |
| 8 | 3520193 | 1 | Plug | |
| 9 | 4240033 | 10 | Tie-Strap (Not Shown) | |
| 10 | 4711500 | 2 | Washer 5/16 | |
| 11 | 4711600 | 16 | Washer 3/8 | |
| 12 | 1001102858 | 2 | Clamp | |
| 13 | 1001170847 | 3 | Sensor, Proximity | |
| 14 | 1001182570 | 2 | Sensor, Proximity | |
| 15 | 1001204715 | 3 | Bracket | |
| 16 | 1001211588 | 1 | Shield | |
| 17 | 1001254019 | 1 | Plate | |
| 18 | 1001254020 | 1 | Lower Sensor Assembly (See Separate Breakdown in this Section) | |
| 19 | 1001254468 | 1 | Cable, Full Extension | |
| 20 | 1001255358 | 1 | Cable, Lower Sensor | |
| 21 | 1001258330 | 2 | Cover, Harness | |
| 22 | 1001258332 | 1 | Cover, Harness | |
| 23 | 1001255356 | 1 | Cable, Boom Angle | |
| 24 | 1001255357 | 1 | Cable, Transport | |
| 25 | 1001255359 | 1 | Cable, Upper Sensor | |

## FIGURE 4-21. SENSOR ASSEMBLY - LOWER



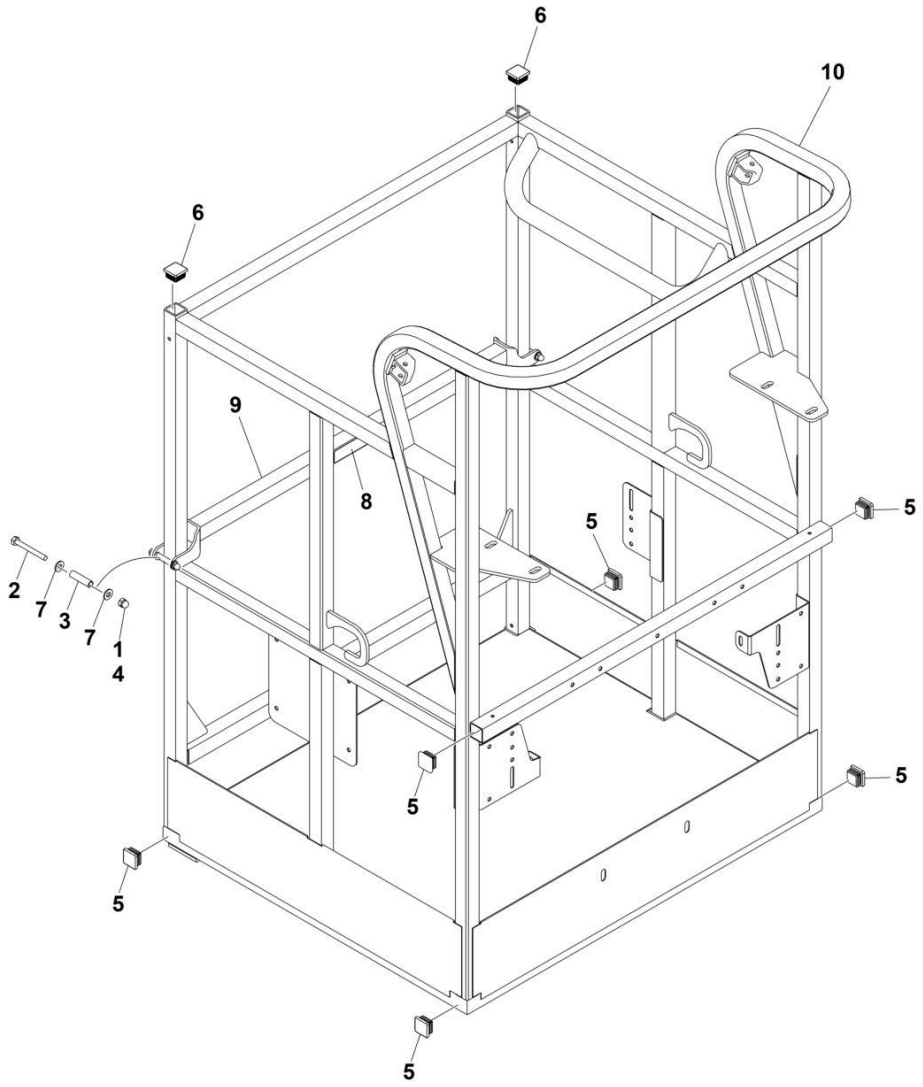
## FIGURE 4-21. SENSOR ASSEMBLY - LOWER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001254020 | Ref | DUAL CAPACITY INSTALLATION | B |
| 1 | 0791404 | 1 | Screw 1/4 x 1/2 | |
| 2 | 4010303 | 1 | Screw M3 x 6 | |
| 3 | 4031510 | 2 | Bolt M4 x 30 | |
| 4 | 4871200 | 1 | Washer M3 | |
| 5 | 1001110544 | 1 | Washer M3 | |
| 6 | 1001180620 | AR | Adhesive | |
| 7 | 1001191022 | 1 | Sensor | |
| 8 | 1001254016 | 1 | Stud | |
| 9 | 1001254017 | 1 | Link, Angle Sensor Arm | |
| 10 | 1001254018 | 1 | Bracket | |

# SECTION 5 - PLATFORM

# SECTION 5 - PLATFORM

## FIGURE 5-1. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 3FT (76CM X 1M)

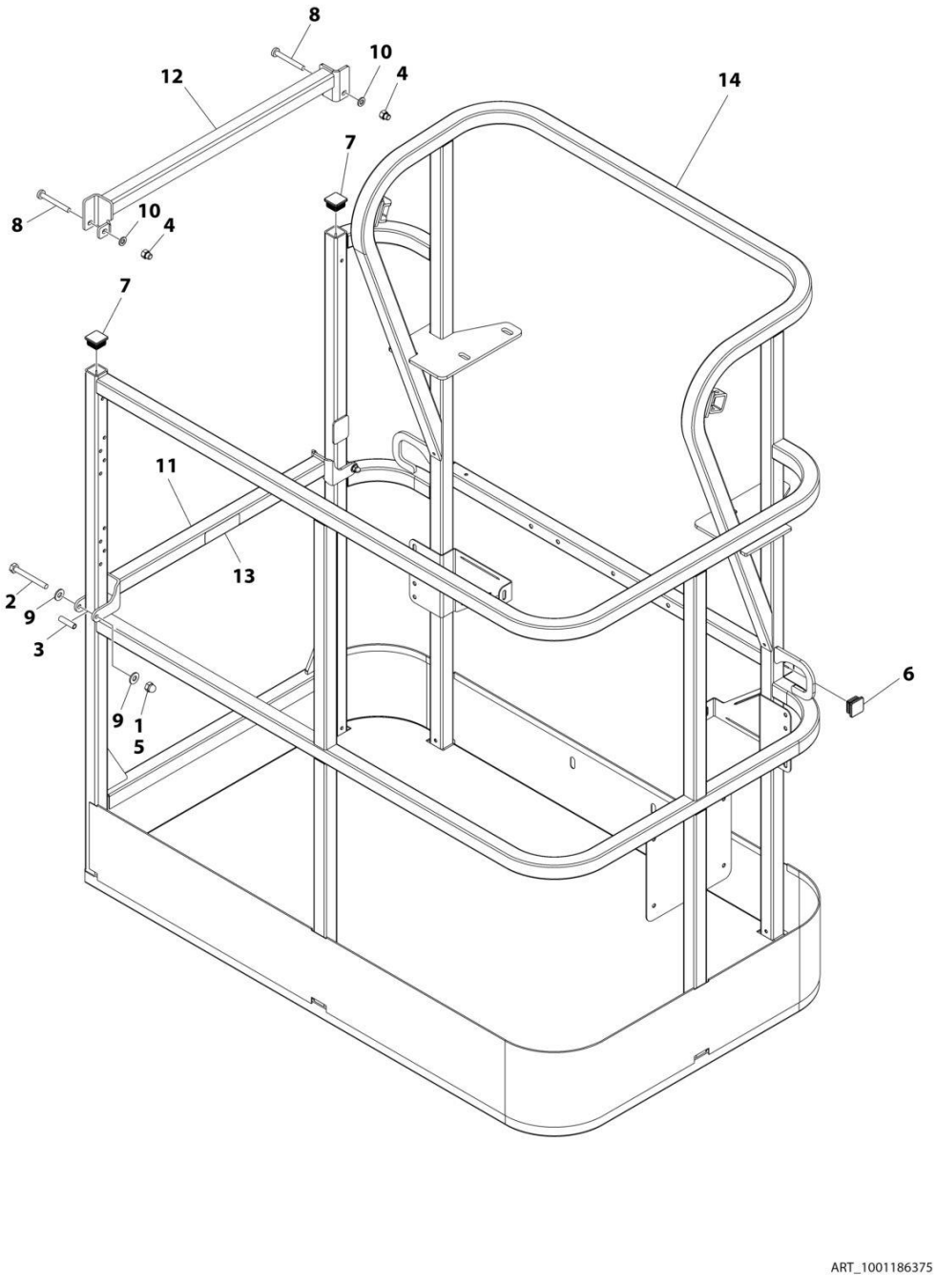



ART_1001228215

## FIGURE 5-1. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 3FT (76CM X 1M)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228215 | Ref | PLATFORM ASSEMBLY | A |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3300151 | 2 | Nut 1/4 | |
| 5 | 3520072 | 6 | Cap, Plug | |
| 6 | 3520198 | 2 | Cap, Plug | |
| 7 | 4711400 | 4 | Washer 1/4 | |
| 8 | 1001140429 | 1 | Decal - Drop Bar | |
| 9 | 1001226872 | 1 | Bar, Drop | |
| 10 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

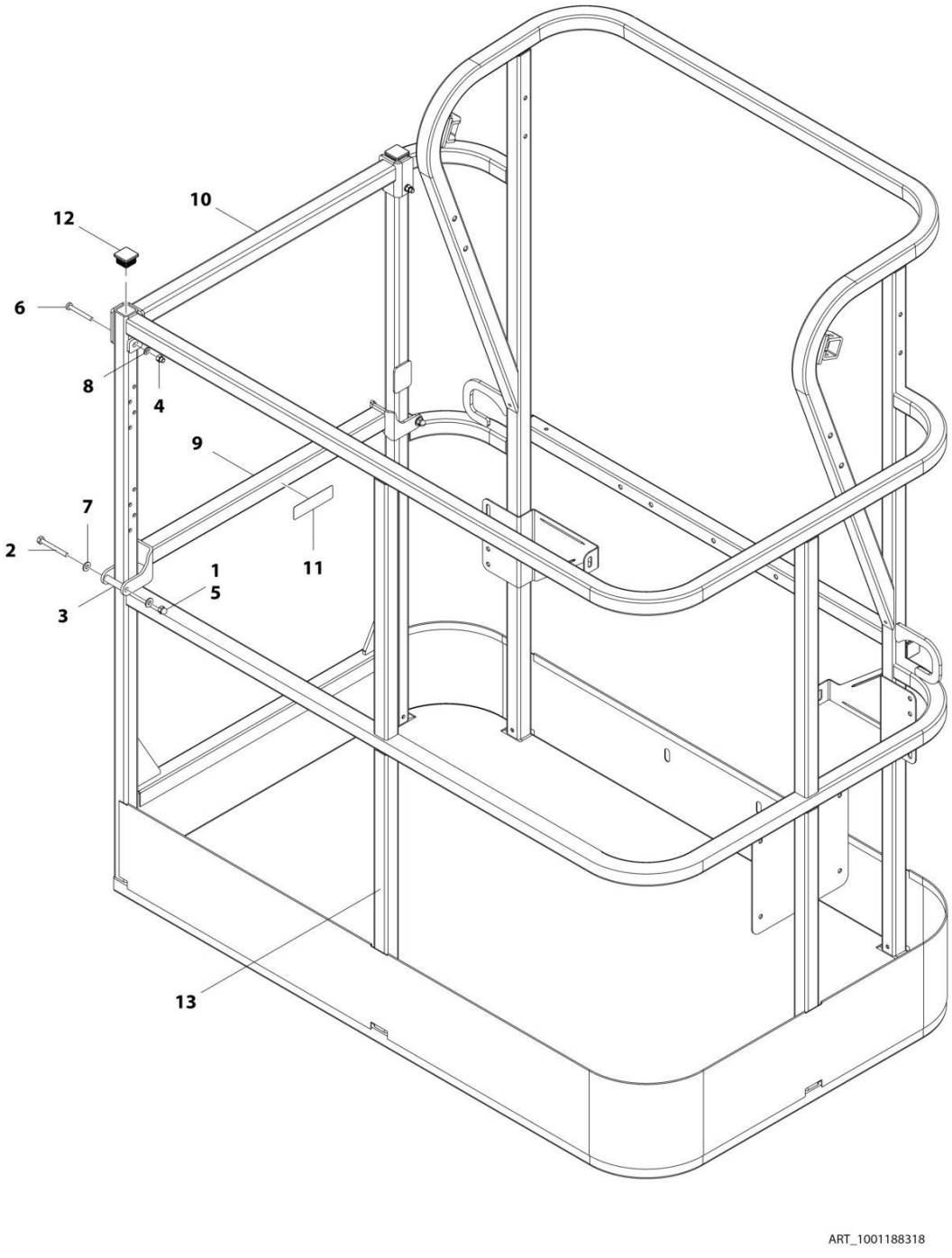
## FIGURE 5-2. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 4FT (76CM X 1.22M) (SAE MATERIAL)



## FIGURE 5-2. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 4FT (76CM X 1.22M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186375 | Ref | PLATFORM ASSEMBLY | B |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 3520072 | 2 | Plug | |
| 7 | 3520198 | 2 | Plug | |
| 8 | 4010618 | 2 | Screw M6 x 50 | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4811700 | 2 | Washer M6 | |
| 11 | 1001138494 | 1 | Bar, Drop | |
| 12 | 1001138514 | 1 | Rail - Top | |
| 13 | 1001140429 | 1 | Decal - Drop Bar | |
| 14 | See Note | 1 | Platform (Note: Not Available - Purchase Platform Assembly) | |

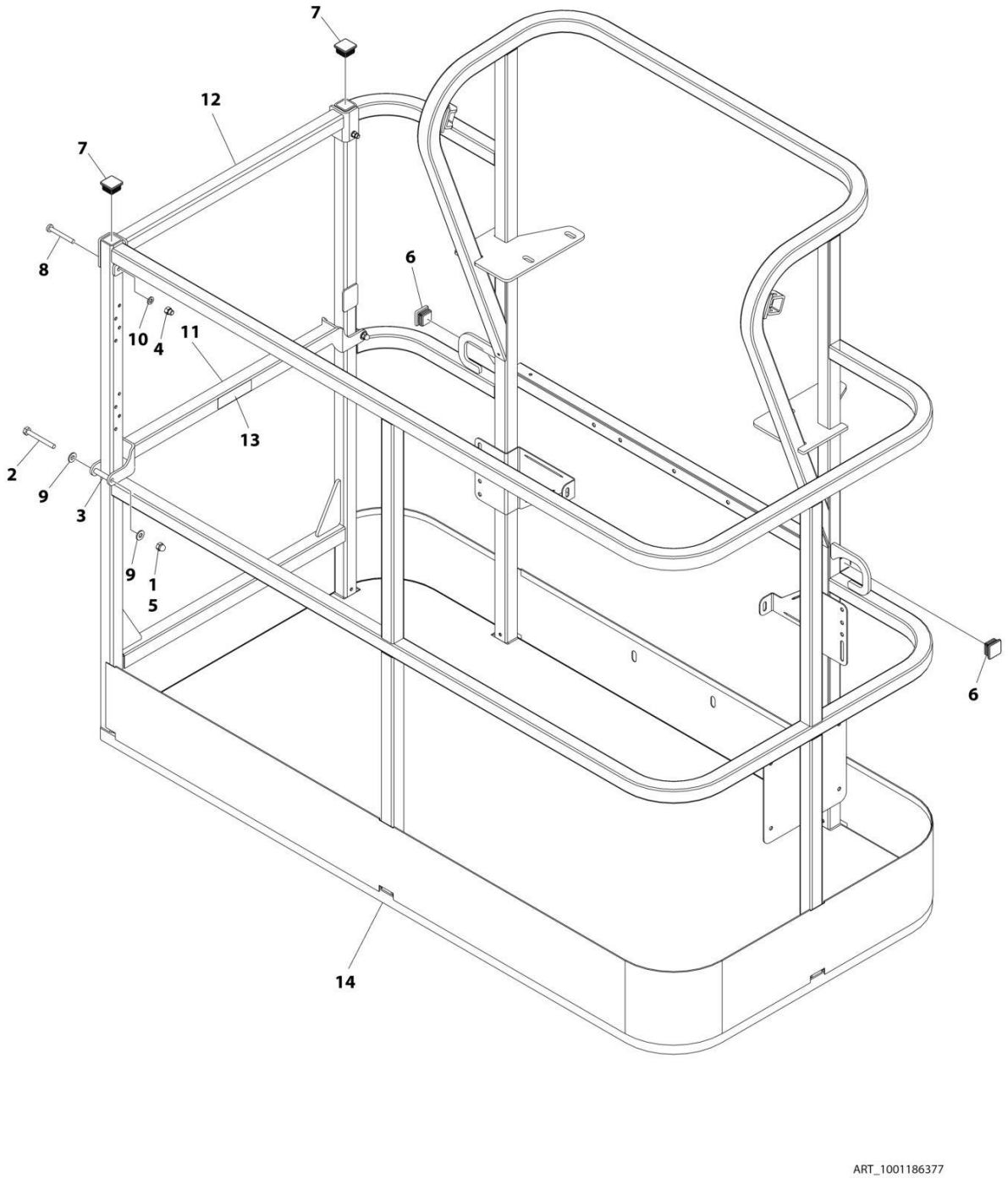
## FIGURE 5-3. PLATFORM ASSEMBLY WITH DROP BAR - 30IN X 4FT (76CM X 1.22M) (METRIC MATERIAL)



## FIGURE 5-3. PLATFORM ASSEMBLY WITH DROP BAR - 30IN X 4FT (76CM X 1.22M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188318 | Ref | PLATFORM ASSEMBLY | C |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 4010618 | 2 | Screw M6 x 50 | |
| 7 | 4711400 | 4 | Washer 1/4 | |
| 8 | 4811700 | 2 | Washer M6 | |
| 9 | 1001138494 | 1 | Bar, Drop | |
| 10 | 1001138514 | 1 | Rail (Top) | |
| 11 | 1001140429 | 1 | Decal - Drop Bar | |
| 12 | 1001145781 | 4 | Cap, Plug | |
| 13 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

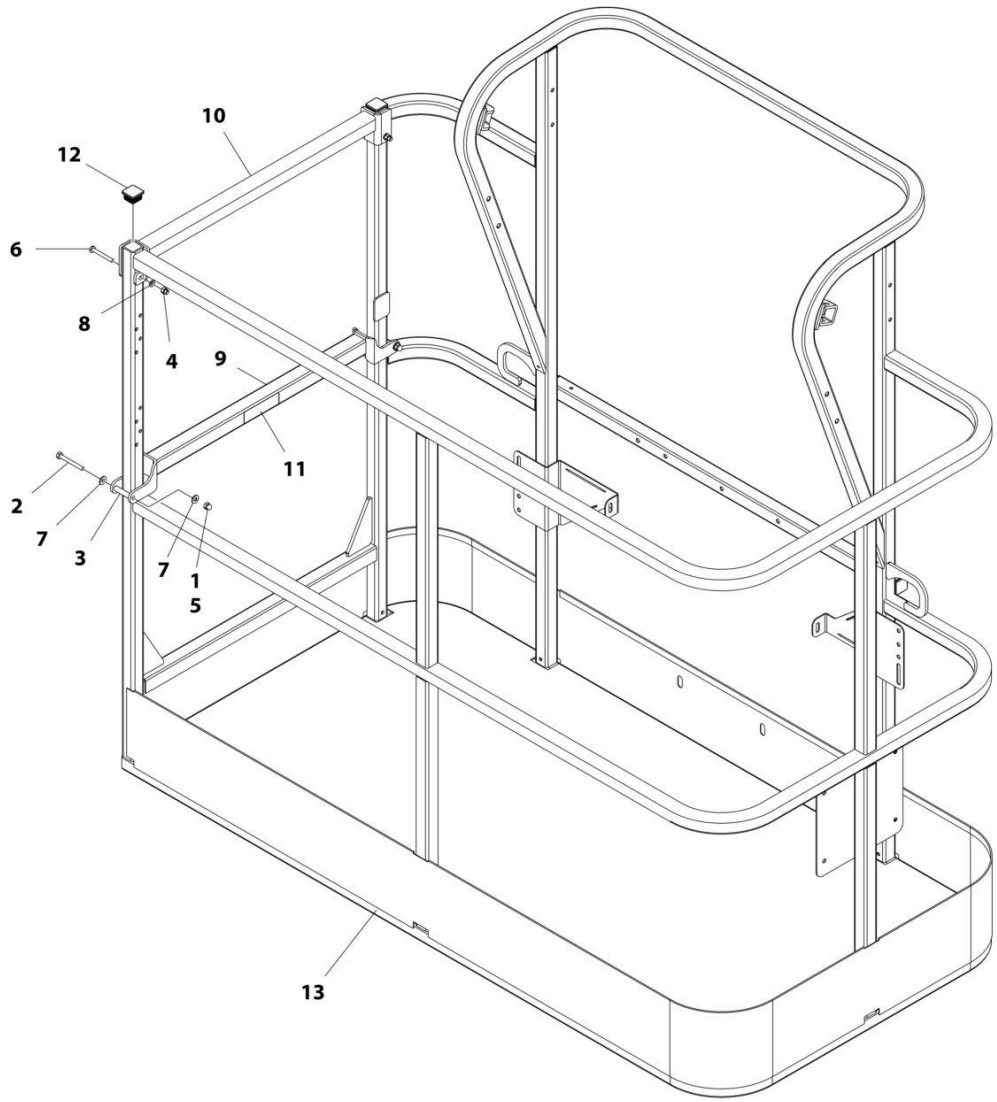
## FIGURE 5-4. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 5FT (76CM X 1.52M) (SAE MATERIAL)



## FIGURE 5-4. PLATFORM ASSEMBLY WITH DROP-BAR - 30IN X 5FT (76CM X 1.52M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186377 | Ref | PLATFORM ASSEMBLY | C |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641420 | 2 | Bolt 1/4 x 2-1/2 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 3520072 | 2 | Plug | |
| 7 | 3520198 | 2 | Plug | |
| 8 | 4010618 | 2 | Screw M6 x 50 | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4811700 | 2 | Washer M6 | |
| 11 | 1001138494 | 1 | Bar, Drop | |
| 12 | 1001138514 | 1 | Rail (Top) | |
| 13 | 1001140429 | 1 | Decal - Drop Bar | |
| 14 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

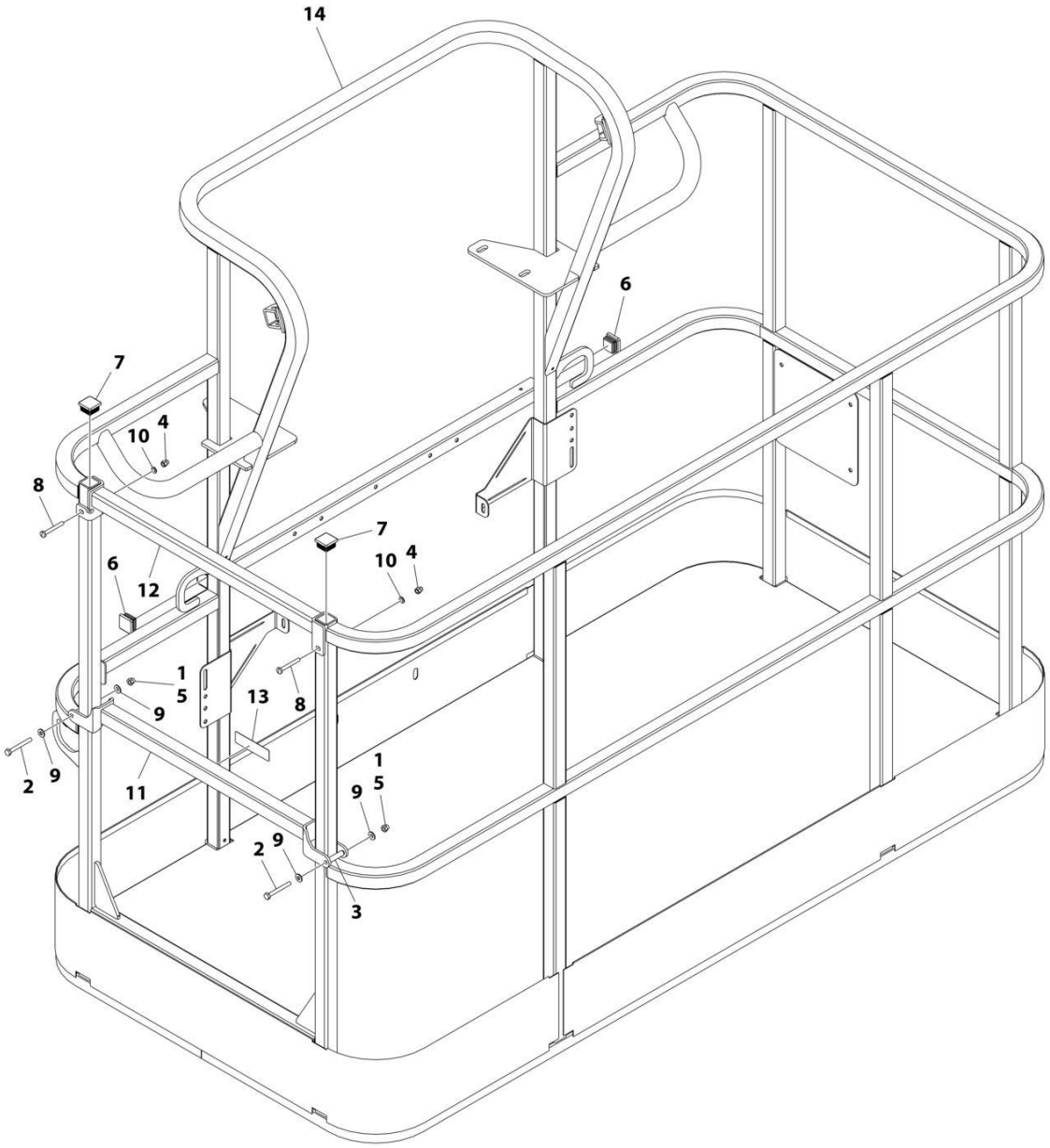
## FIGURE 5-5. PLATFORM ASSEMBLY WITH DROP BAR - 30IN X 5FT (76CM X 1.52M) (METRIC MATERIAL)



## FIGURE 5-5. PLATFORM ASSEMBLY WITH DROP BAR - 30IN X 5FT (76CM X 1.52M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188314 | Ref | PLATFORM ASSEMBLY | C |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 4010618 | 2 | Screw M6 x 50 | |
| 7 | 4711400 | 4 | Washer 1/4 | |
| 8 | 4811700 | 2 | Washer M6 | |
| 9 | 1001138494 | 1 | Bar, Drop | |
| 10 | 1001138514 | 1 | Rail (Top) | |
| 11 | 1001140429 | 1 | Decal - Drop Bar | |
| 12 | 1001145781 | 4 | Plug | |
| 13 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

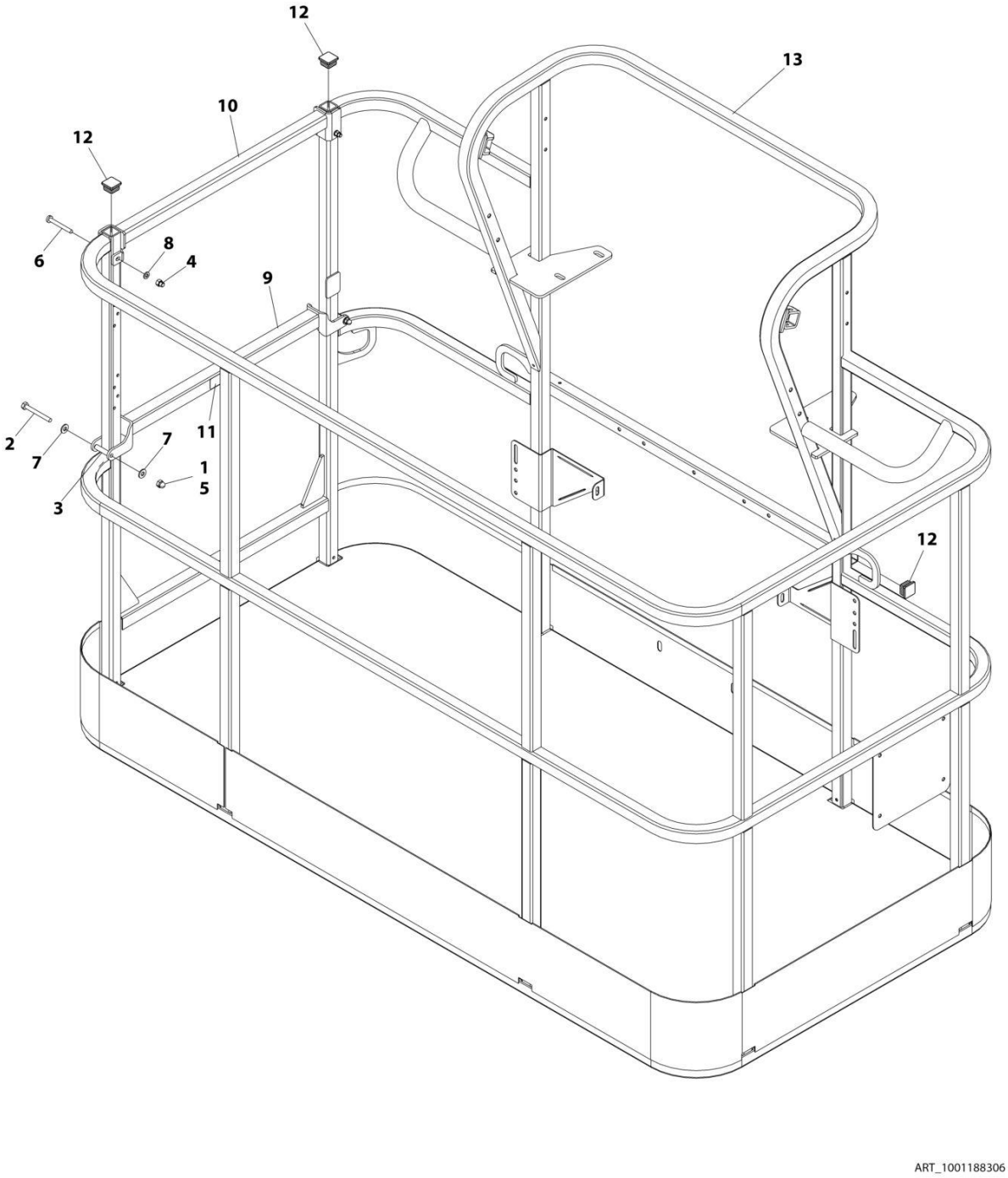
## FIGURE 5-6. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 6FT (91.5CM X 1.83M) (SAE MATERIAL)



## FIGURE 5-6. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 6FT (91.5CM X 1.83M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186379 | Ref | PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH DROP BAR | B |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 3520072 | 2 | Plug | |
| 7 | 3520198 | 2 | Plug | |
| 8 | 4010618 | 2 | Screw M6 x 50 | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4811700 | 2 | Washer M6 | |
| 11 | 1001138494 | 1 | Bar, Drop | |
| 12 | 1001138514 | 1 | Rail (Top) | |
| 13 | 1001140429 | 1 | Decal - Drop Bar | |
| 14 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

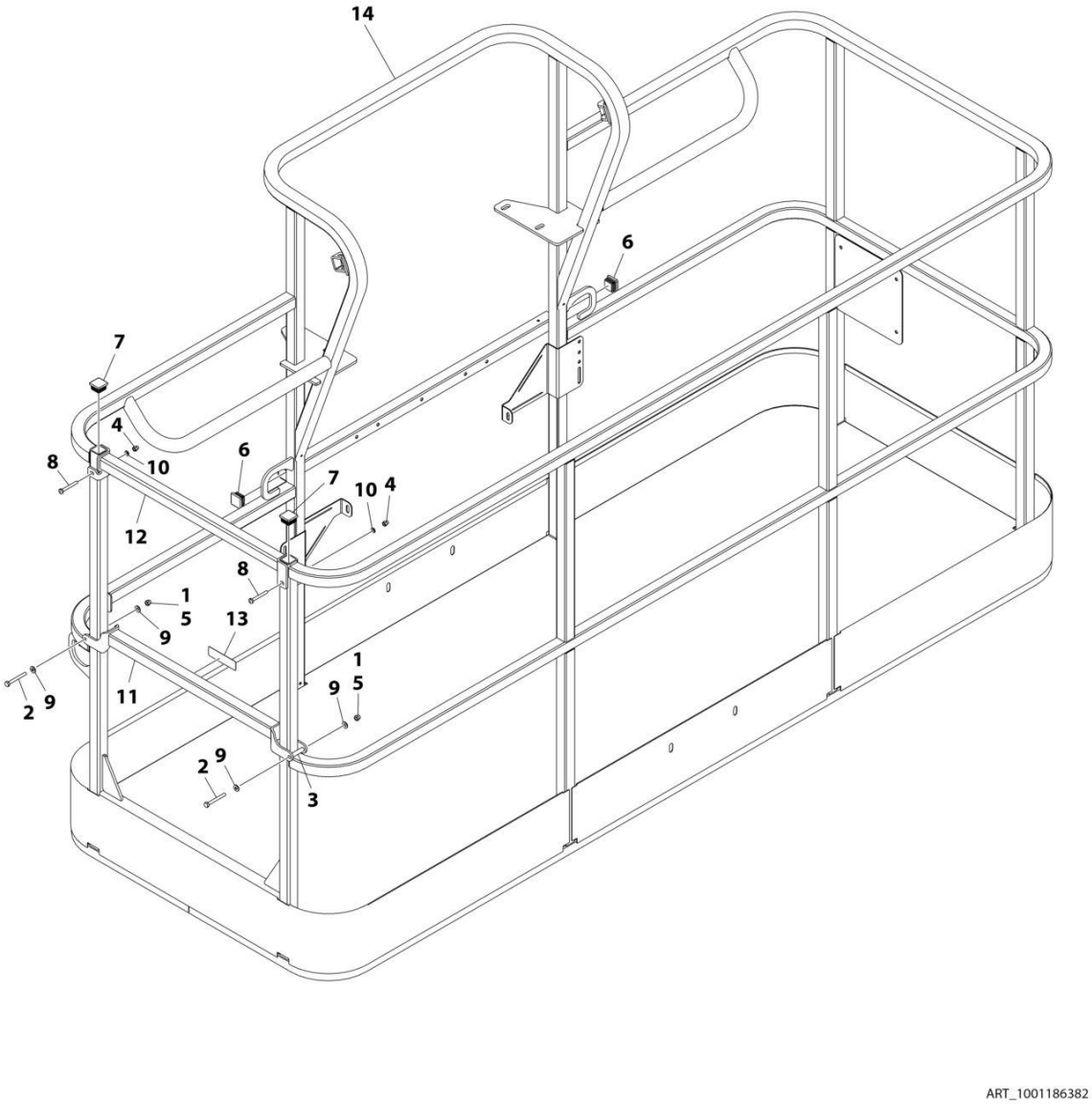
## FIGURE 5-7. PLATFORM ASSEMBLY WITH DROP BAR - 36IN X 6FT (91.5CM X 1.83M) (METRIC MATERIAL)



## FIGURE 5-7. PLATFORM ASSEMBLY WITH DROP BAR - 36IN X 6FT (91.5CM X 1.83M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188306 | Ref | PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH DROP BAR | C |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 4010618 | 2 | Screw M6 x 50 | |
| 7 | 4711400 | 4 | Washer 1/4 | |
| 8 | 4811700 | 2 | Washer M6 | |
| 9 | 1001138494 | 1 | Bar, Drop | |
| 10 | 1001138514 | 1 | Rail (Top) | |
| 11 | 1001140429 | 1 | Decal - Drop Bar | |
| 12 | 1001145781 | 4 | Plug | |
| 13 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

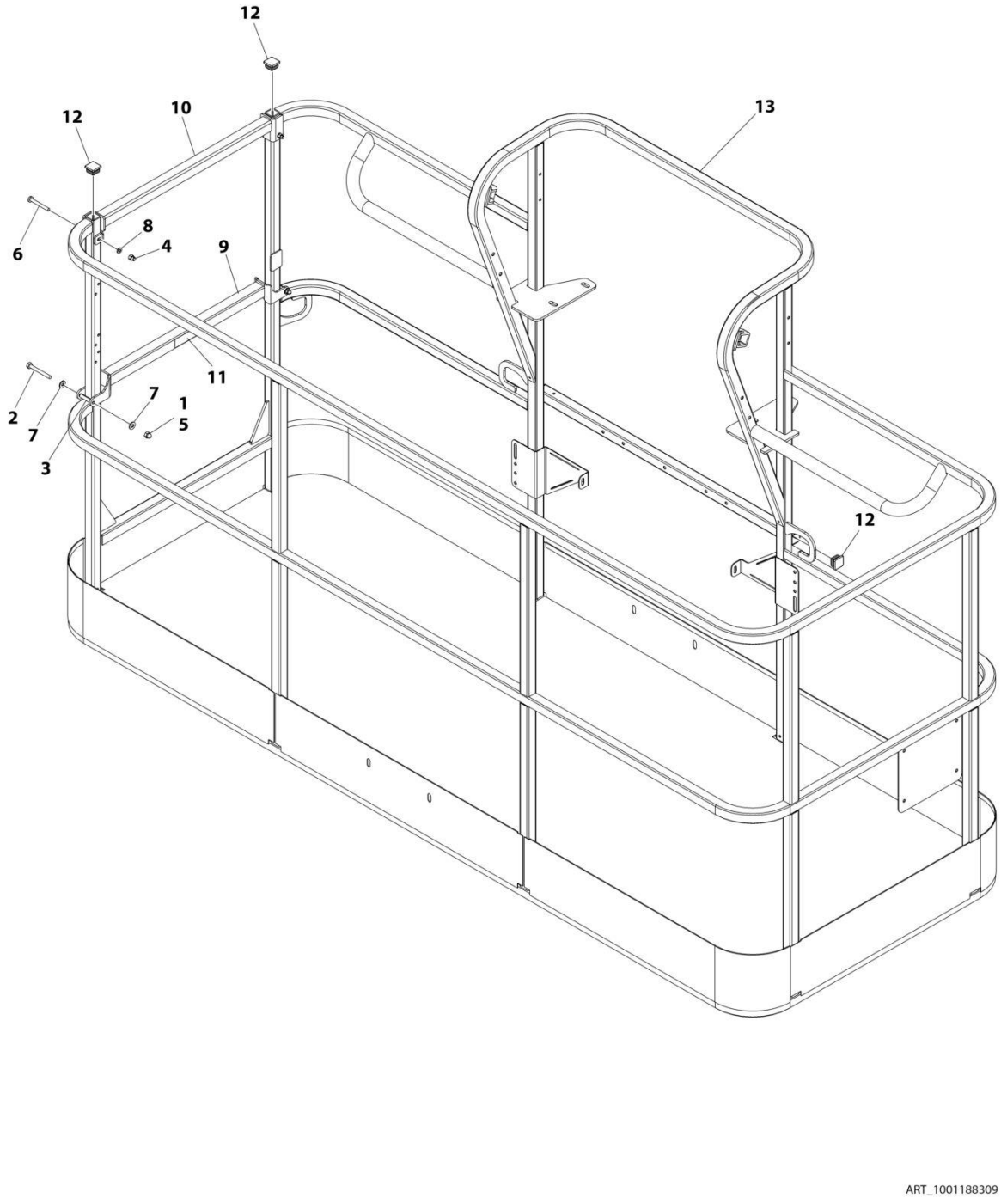
## FIGURE 5-8. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 8FT (91.5CM X 2.44M) (SAE MATERIAL)



## FIGURE 5-8. PLATFORM ASSEMBLY WITH DROP-BAR - 36IN X 8FT (91.5CM X 2.44M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186382 | Ref | PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR | C |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 3520072 | 2 | Plug | |
| 7 | 3520198 | 2 | Plug | |
| 8 | 4010618 | 2 | Screw M6 x 50 | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4811700 | 2 | Washer M6 | |
| 11 | 1001138494 | 1 | Bar, Drop | |
| 12 | 1001138514 | 1 | Rail (Top) | |
| 13 | 1001140429 | 1 | Decal - Drop Bar | |
| 14 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

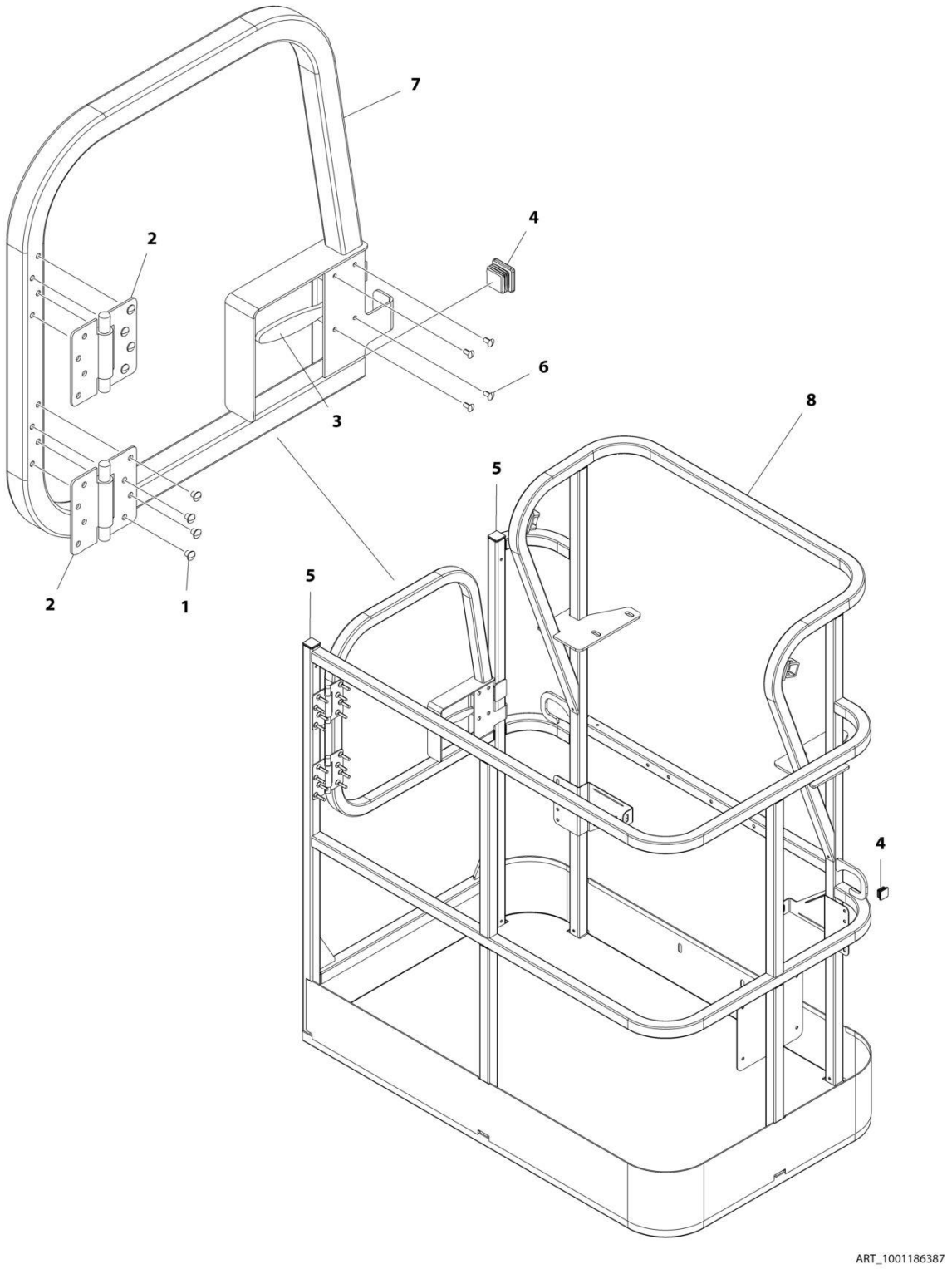
## FIGURE 5-9. PLATFORM ASSEMBLY WITH DROP BAR - 36IN X 8FT (91.5CM X 2.44M) (METRIC MATERIAL)



## FIGURE 5-9. PLATFORM ASSEMBLY WITH DROP BAR - 36IN X 8FT (91.5CM X 2.44M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188309 | Ref | PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH DROP BAR | B |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 2 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 2 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 2 | Nut 1/4 | |
| 6 | 4010618 | 2 | Screw M6 x 50 | |
| 7 | 4711400 | 4 | Washer 1/4 | |
| 8 | 4811700 | 2 | Washer M6 | |
| 9 | 1001138494 | 1 | Bar, Drop | |
| 10 | 1001138514 | 1 | Rail (Top) | |
| 11 | 1001140429 | 1 | Decal - Drop Bar | |
| 12 | 1001145781 | 4 | Plug | |
| 13 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

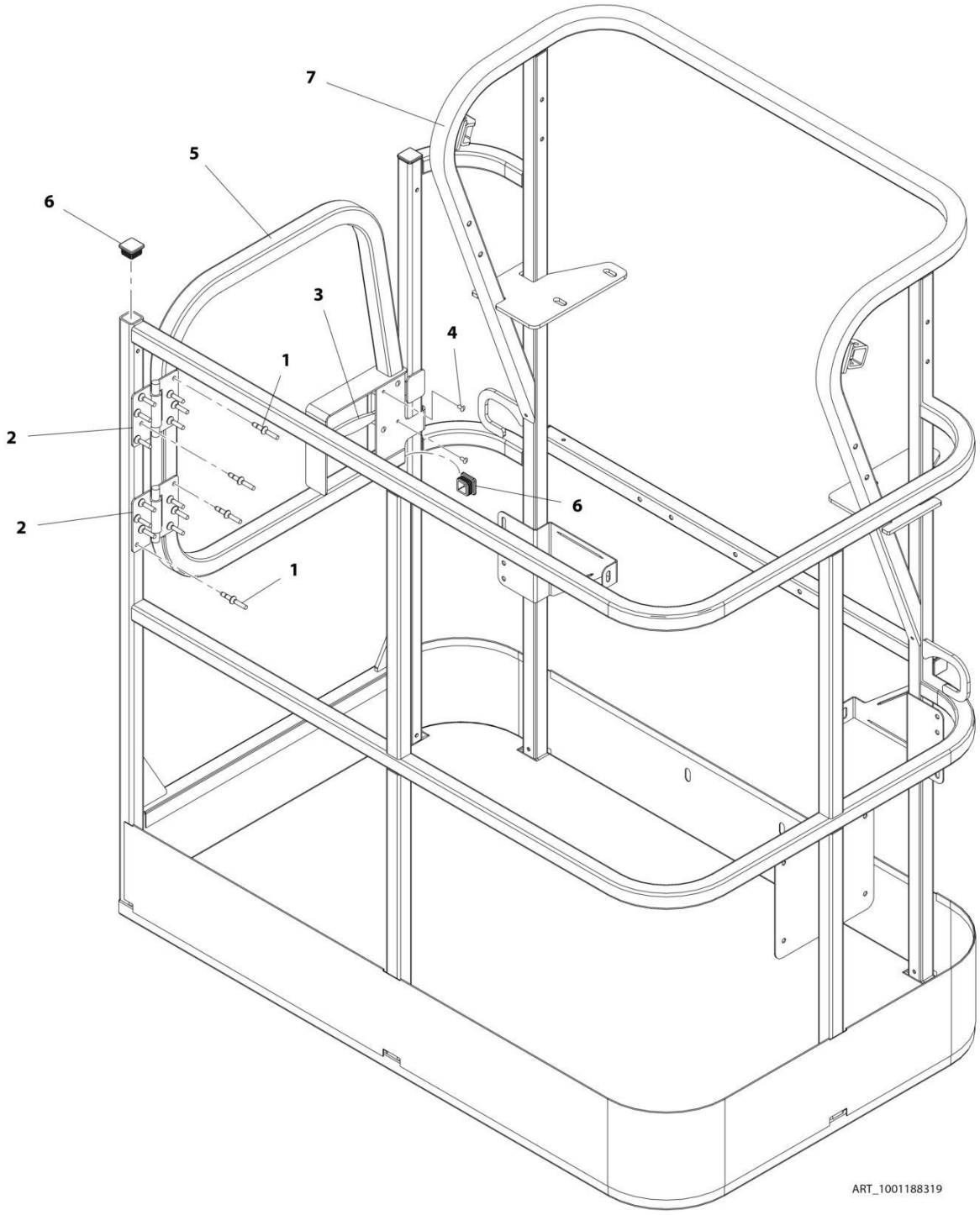
## FIGURE 5-10. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 4FT (76CM X 1.22M) (SAE MATERIAL)



## FIGURE 5-10. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 4FT (76CM X 1.22M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186387 | Ref | PLATFORM ASSEMBLY | C |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge, Self-Closing | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3520072 | 3 | Plug | |
| 5 | 3520198 | 2 | Plug | |
| 6 | 3820020 | 4 | Rivet | |
| 7 | 1001144629 | 1 | Gate | |
| 8 | See Note | 1 | Platform (Note: Not Available - Purchase Platform Assembly) | |

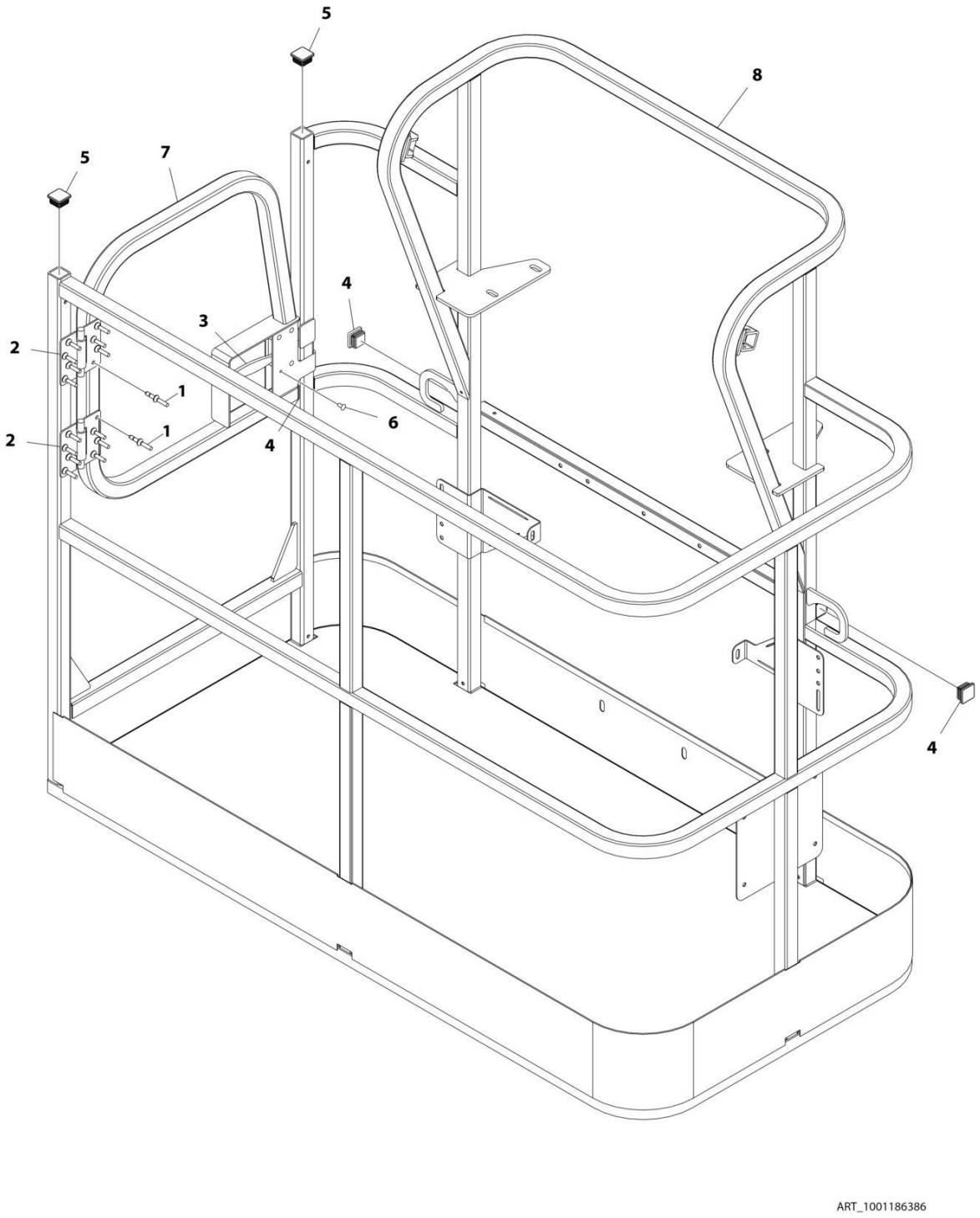
## FIGURE 5-11. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 4FT (76CM X 1.22M) (METRIC MATERIAL)



## FIGURE 5-11. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 4FT (76CM X 1.22M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188319 | Ref | PLATFORM ASSEMBLY | D |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge, Self-Closing | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3820020 | 4 | Rivet | |
| 5 | 1001144629 | 1 | Gate, Weldment | |
| 6 | 1001145781 | 5 | Cap, Plug | |
| 7 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

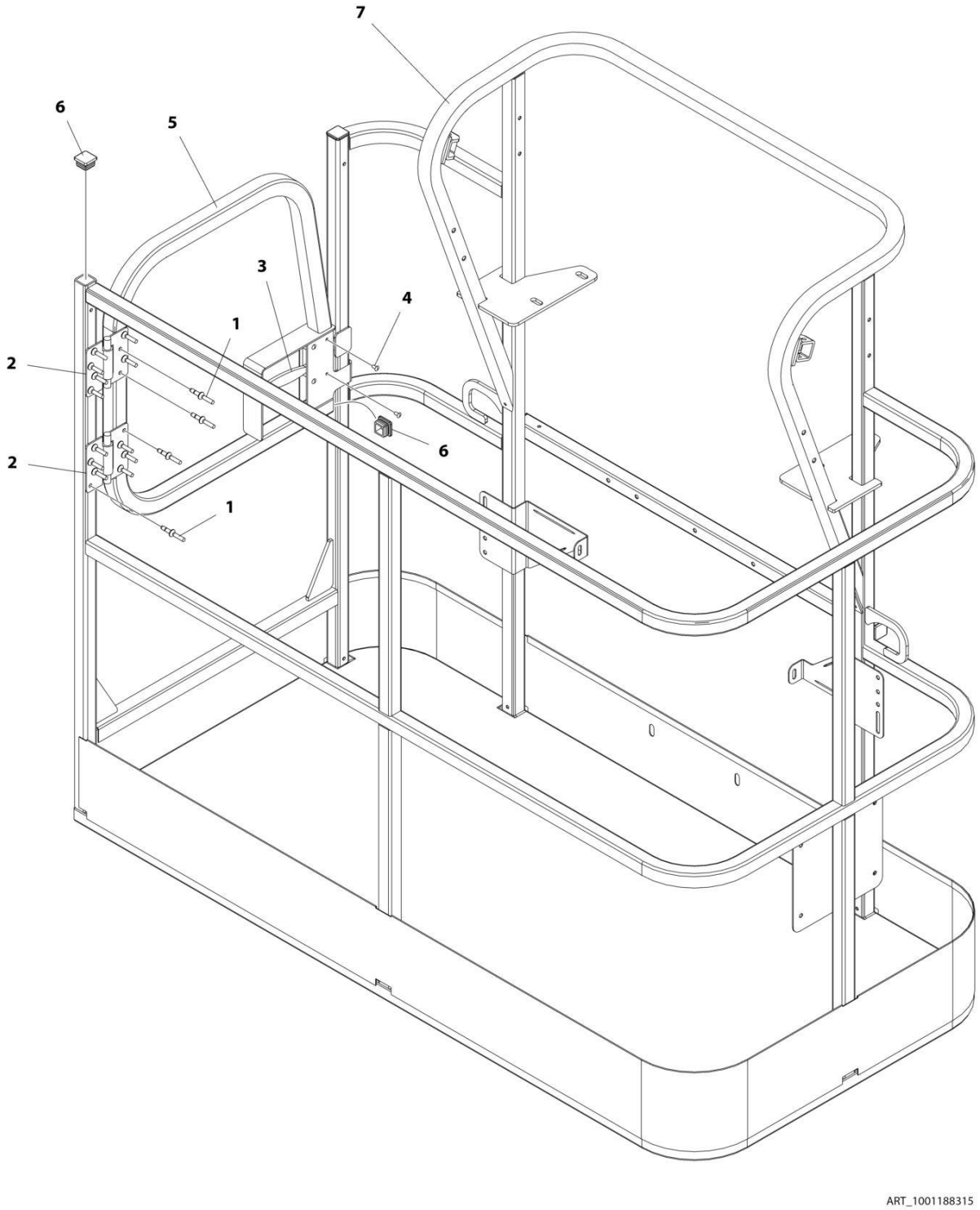
## FIGURE 5-12. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 5FT (76CM X 1.52M) (SAE MATERIAL)



## FIGURE 5-12. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 5FT (76CM X 1.52M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186386 | Ref | PLATFORM ASSEMBLY | C |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge, Self-Closing | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3520072 | 3 | Plug | |
| 5 | 3520198 | 2 | Plug | |
| 6 | 3820020 | 4 | Rivet | |
| 7 | 1001144629 | 1 | Gate | |
| 8 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

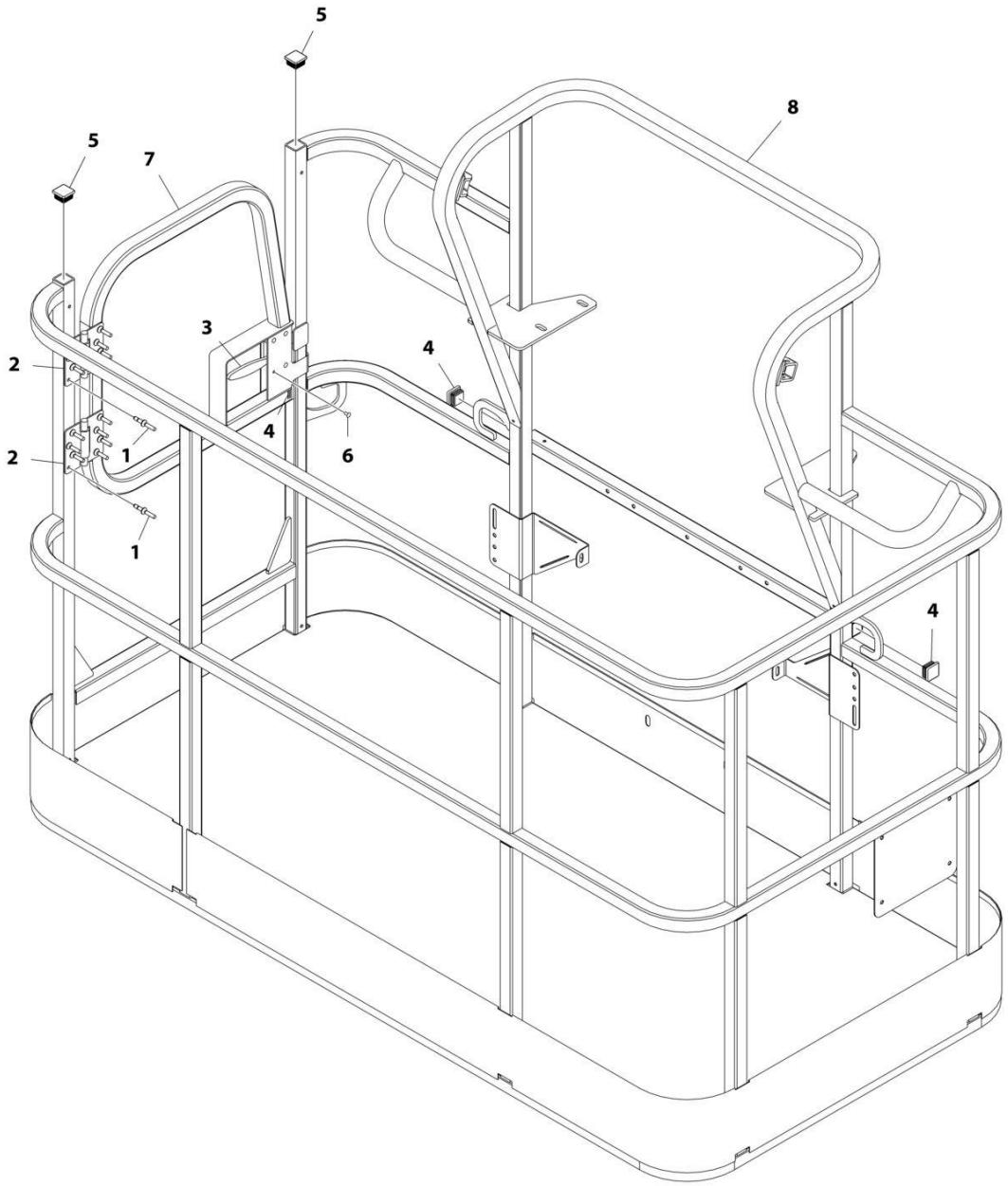
## FIGURE 5-13. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 5FT (76CM X 1.52M) (METRIC MATERIAL)



## FIGURE 5-13. PLATFORM ASSEMBLY WITH SWING GATE - 30IN X 5FT (76CM X 1.52M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188315 | Ref | PLATFORM ASSEMBLY | E |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3820020 | 4 | Rivet | |
| 5 | 1001144629 | 1 | Gate | |
| 6 | 1001145781 | 5 | Plug | |
| 7 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

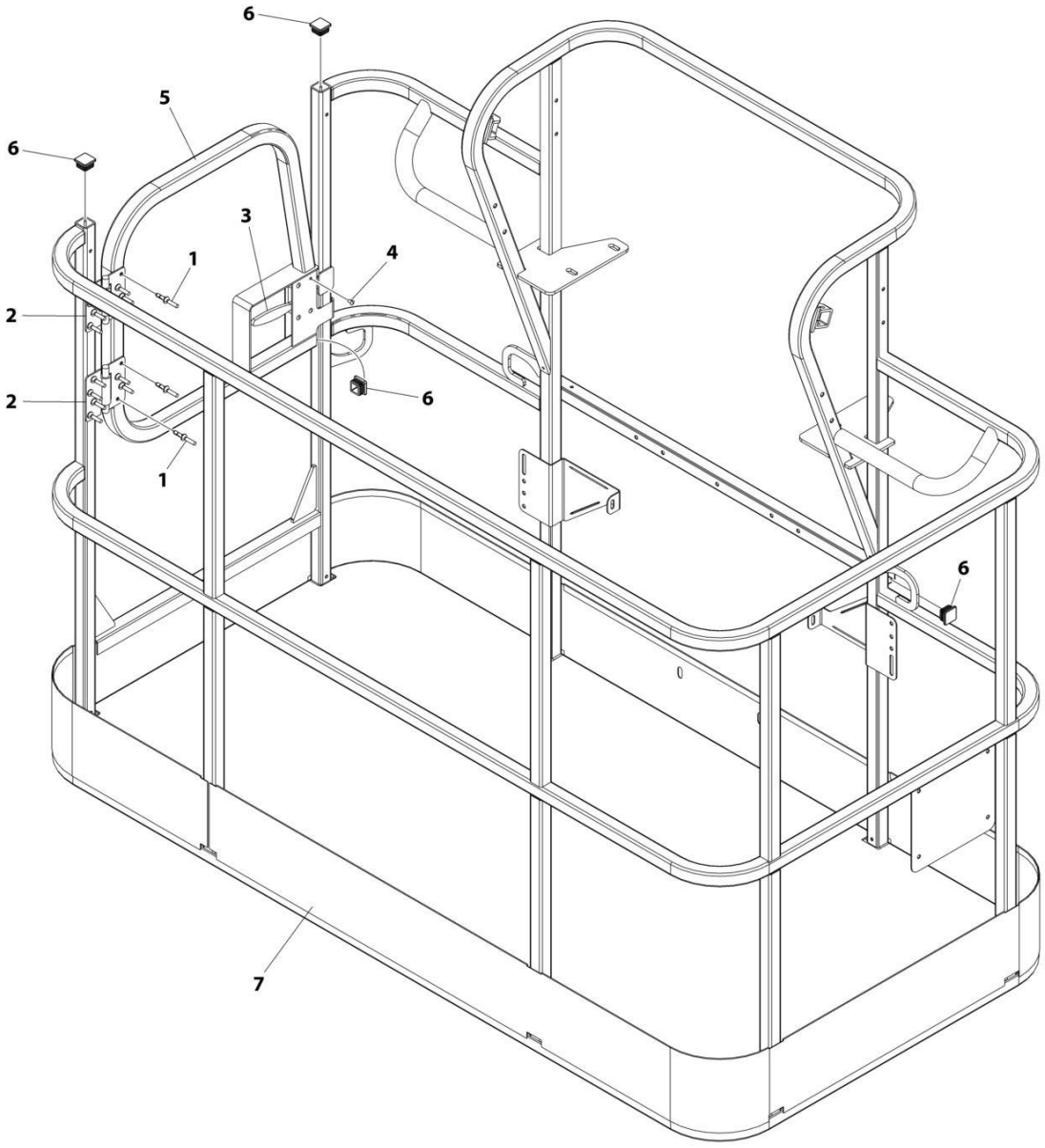
## FIGURE 5-14. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 6FT (91.5CM X 1.83M) (SAE MATERIAL)



## FIGURE 5-14. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 6FT (91.5CM X 1.83M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186384 | Ref | PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE | C |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3520072 | 3 | Plug | |
| 5 | 3520198 | 2 | Plug | |
| 6 | 3820020 | 4 | Rivet | |
| 7 | 1001144629 | 1 | Gate | |
| 8 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

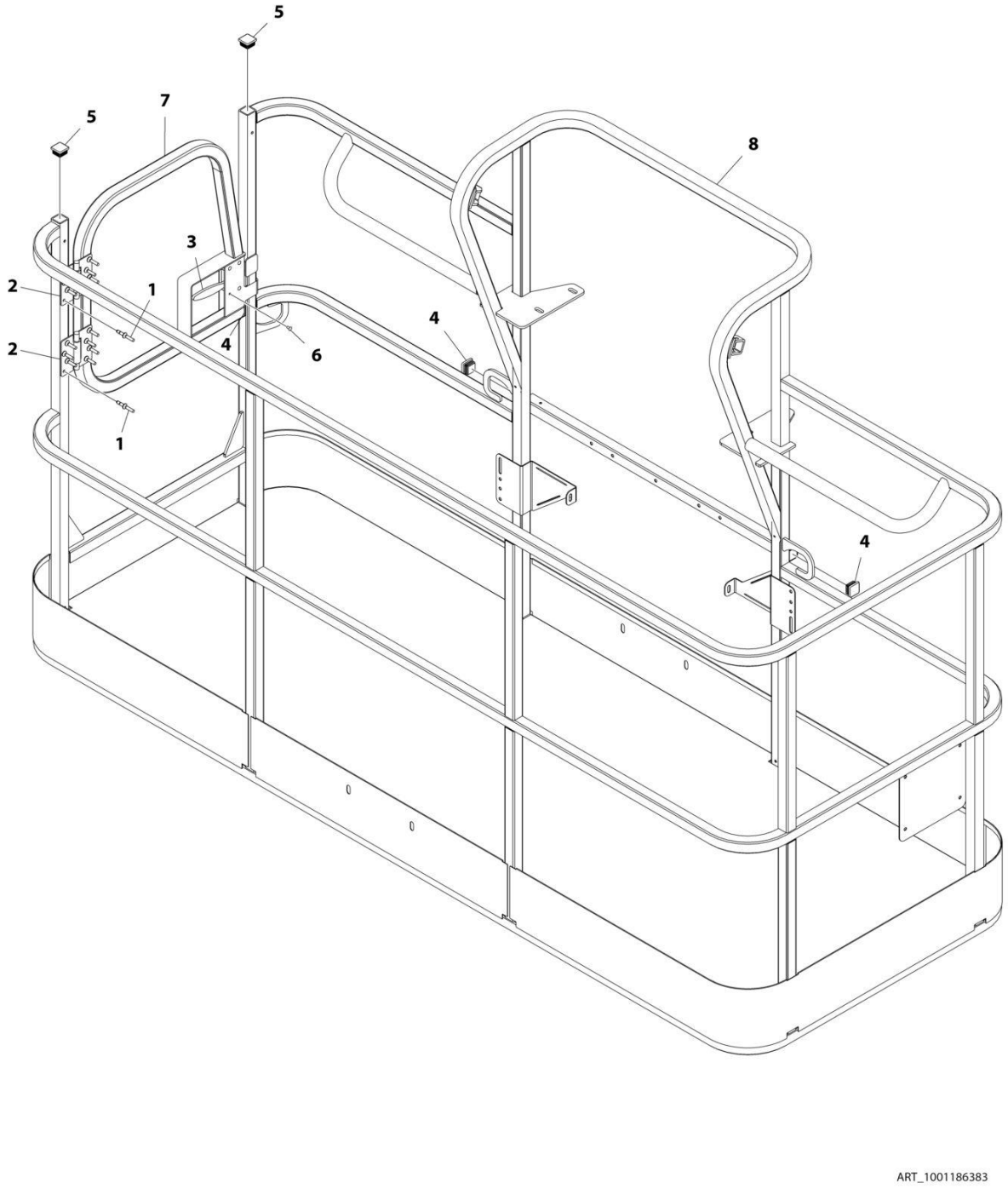
## FIGURE 5-15. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 6FT (91.5CM X 1.83M) (METRIC MATERIAL)



## FIGURE 5-15. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 6FT (91.5CM X 1.83M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188305 | Ref | PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE | D |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3820020 | 4 | Rivet | |
| 5 | 1001144629 | 1 | Gate | |
| 6 | 1001145781 | 5 | Plug | |
| 7 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

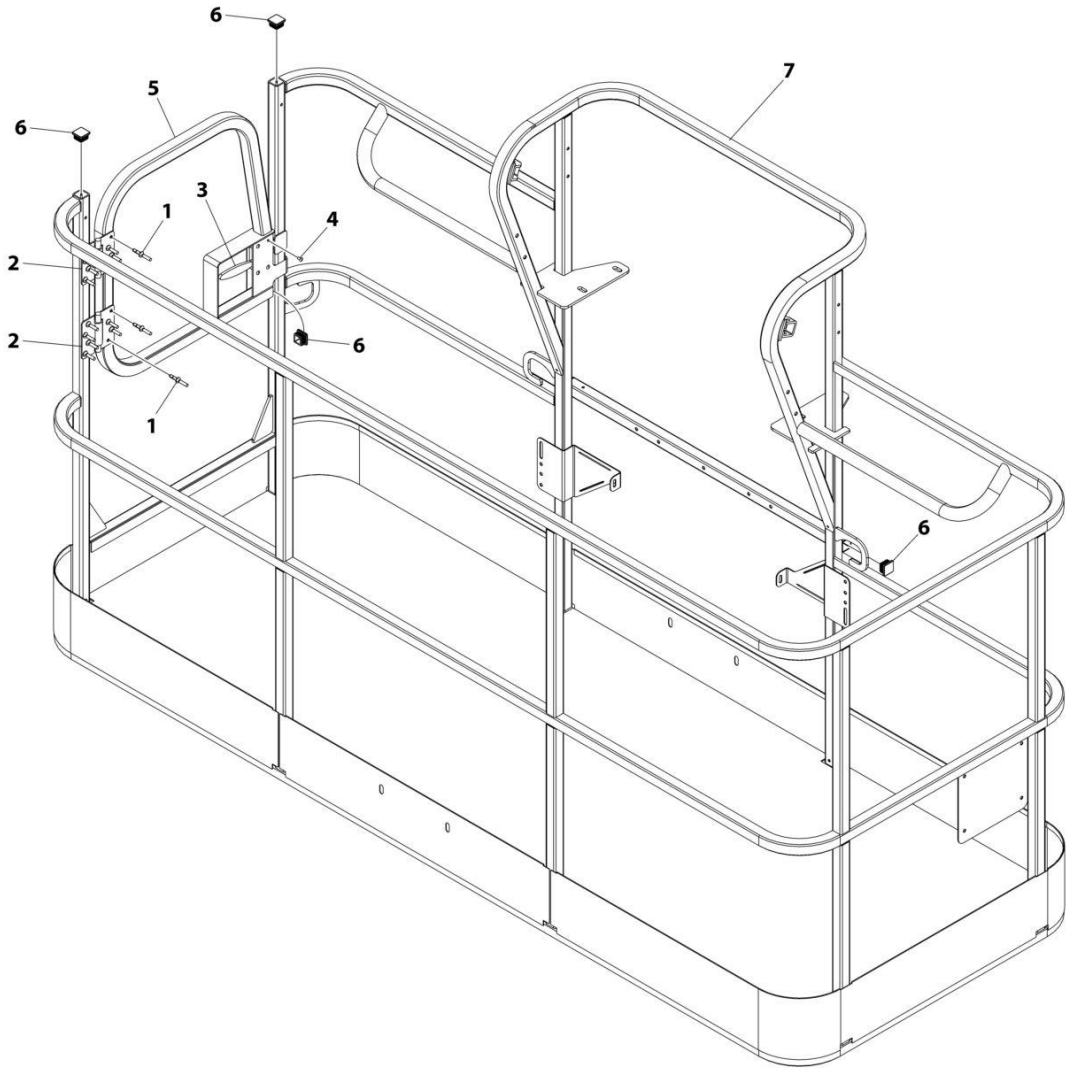
## FIGURE 5-16. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 8FT (91.5CM X 2.44M) (SAE MATERIAL)



## FIGURE 5-16. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 8FT (91.5CM X 2.44M) (SAE MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186383 | Ref | PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE | D |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3520072 | 3 | Plug | |
| 5 | 3520198 | 2 | Plug | |
| 6 | 3820020 | 4 | Rivet | |
| 7 | 1001144629 | 1 | Gate | |
| 8 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

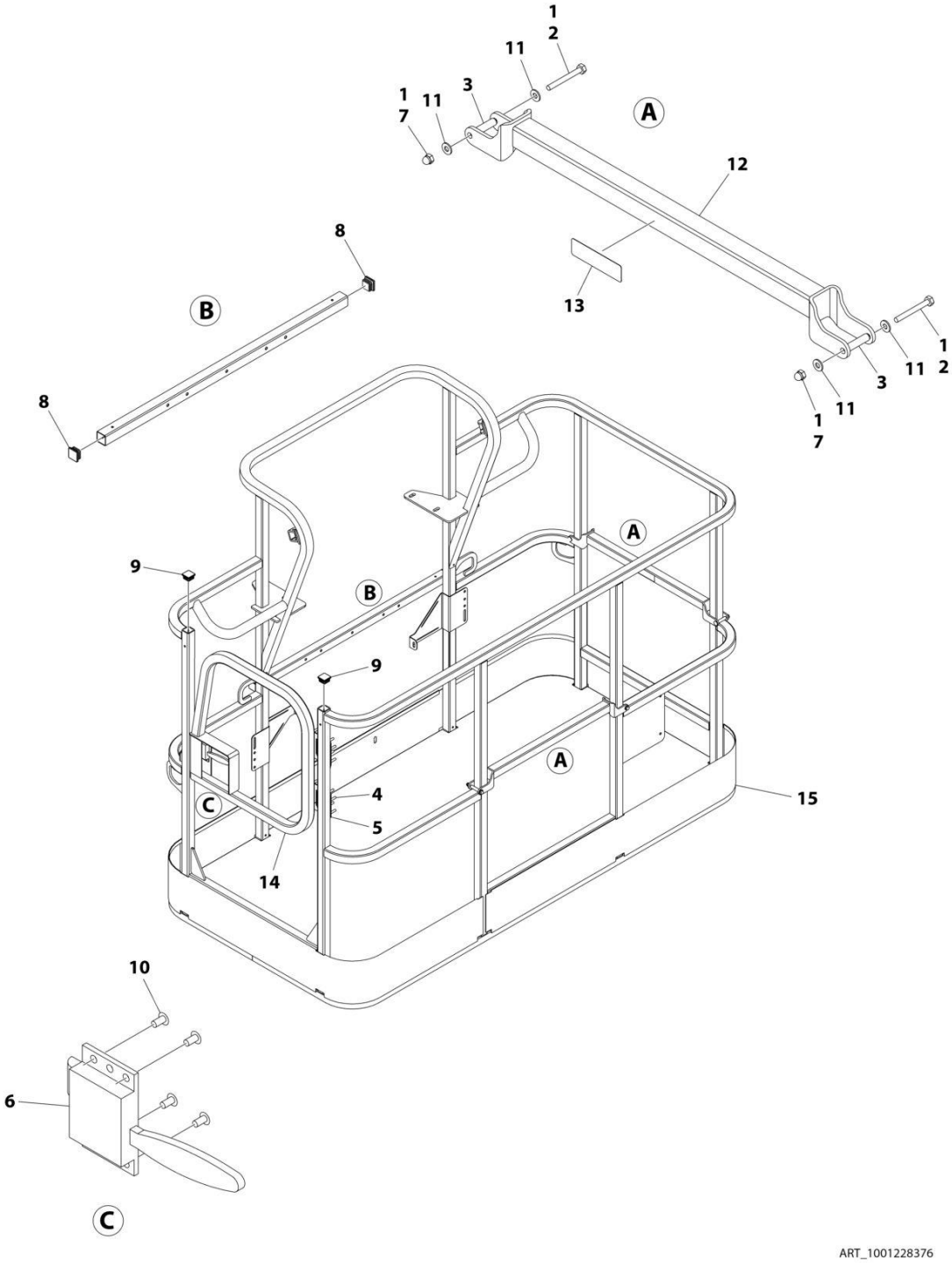
## FIGURE 5-17. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 8FT (91.5CM X 2.44M) (METRIC MATERIAL)



## FIGURE 5-17. PLATFORM ASSEMBLY WITH SWING GATE - 36IN X 8FT (91.5CM X 2.44M) (METRIC MATERIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188308 | Ref | PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE | F |
| | See Note | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | See Note | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 2080040 | 16 | Fastener, Huck | |
| 2 | 2600281 | 2 | Hinge | |
| 3 | 2940074 | 1 | Latch | |
| 4 | 3820020 | 4 | Rivet | |
| 5 | 1001144629 | 1 | Gate | |
| 6 | 1001145781 | 5 | Plug | |
| 7 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

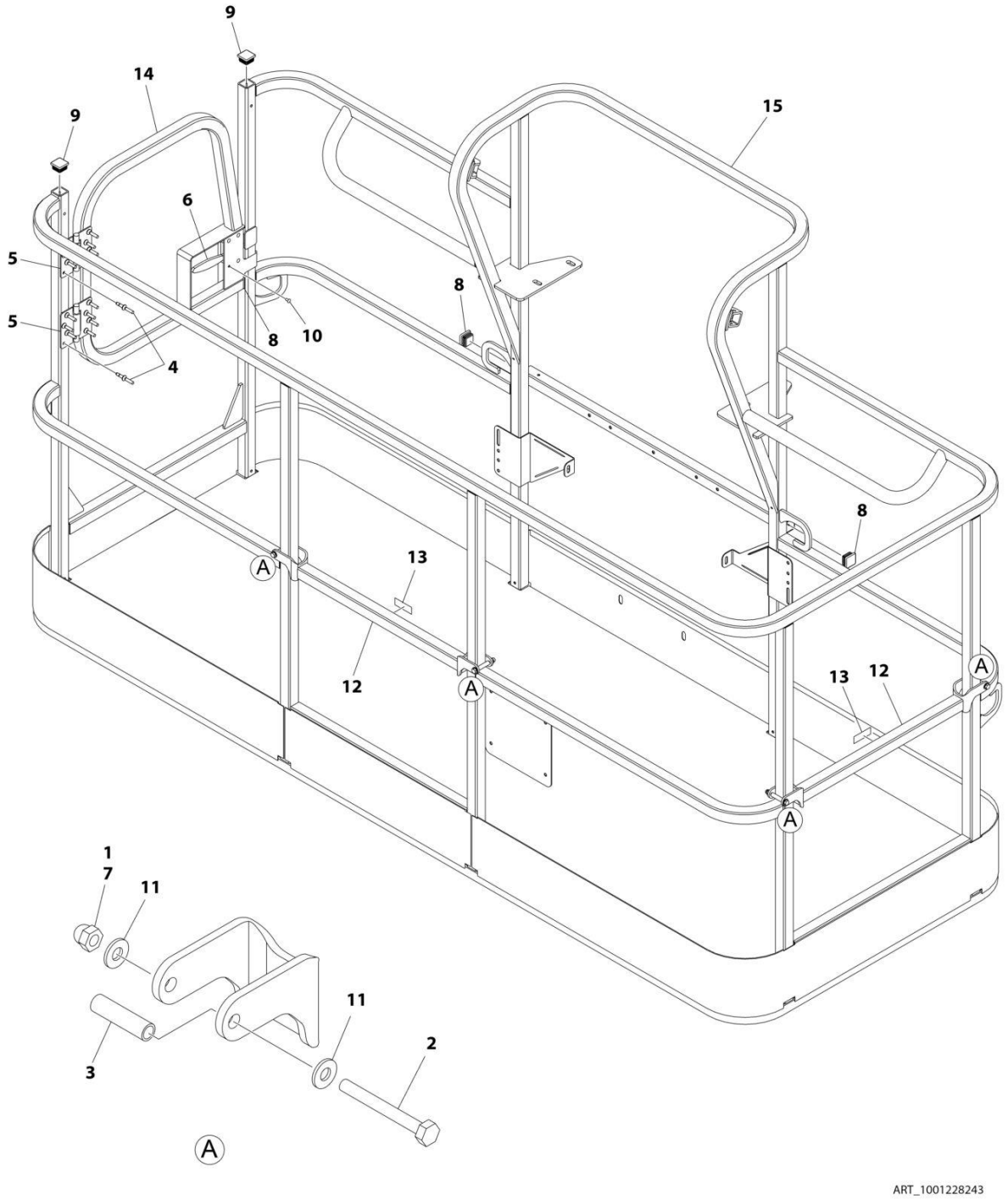
## FIGURE 5-18. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M)



## FIGURE 5-18. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228376 | Ref | PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M) | B |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 4 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 4 | Bushing | |
| 4 | 2080040 | 16 | Fastener | |
| 5 | 2600281 | 2 | Hinge | |
| 6 | 2940074 | 1 | Latch | |
| 7 | 3300151 | 4 | Nut 1/4 | |
| 8 | 3520072 | 3 | Plug | |
| 9 | 3520198 | 2 | Plug | |
| 10 | 3820020 | 4 | Rivet | |
| 11 | 4711400 | 8 | Washer 1/4 | |
| 12 | 1001138494 | 2 | Bar, Drop | |
| 13 | 1001140429 | 2 | Decal - Drop Bar | |
| 14 | 1001144629 | 1 | Gate | |
| 15 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

## FIGURE 5-19. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M)

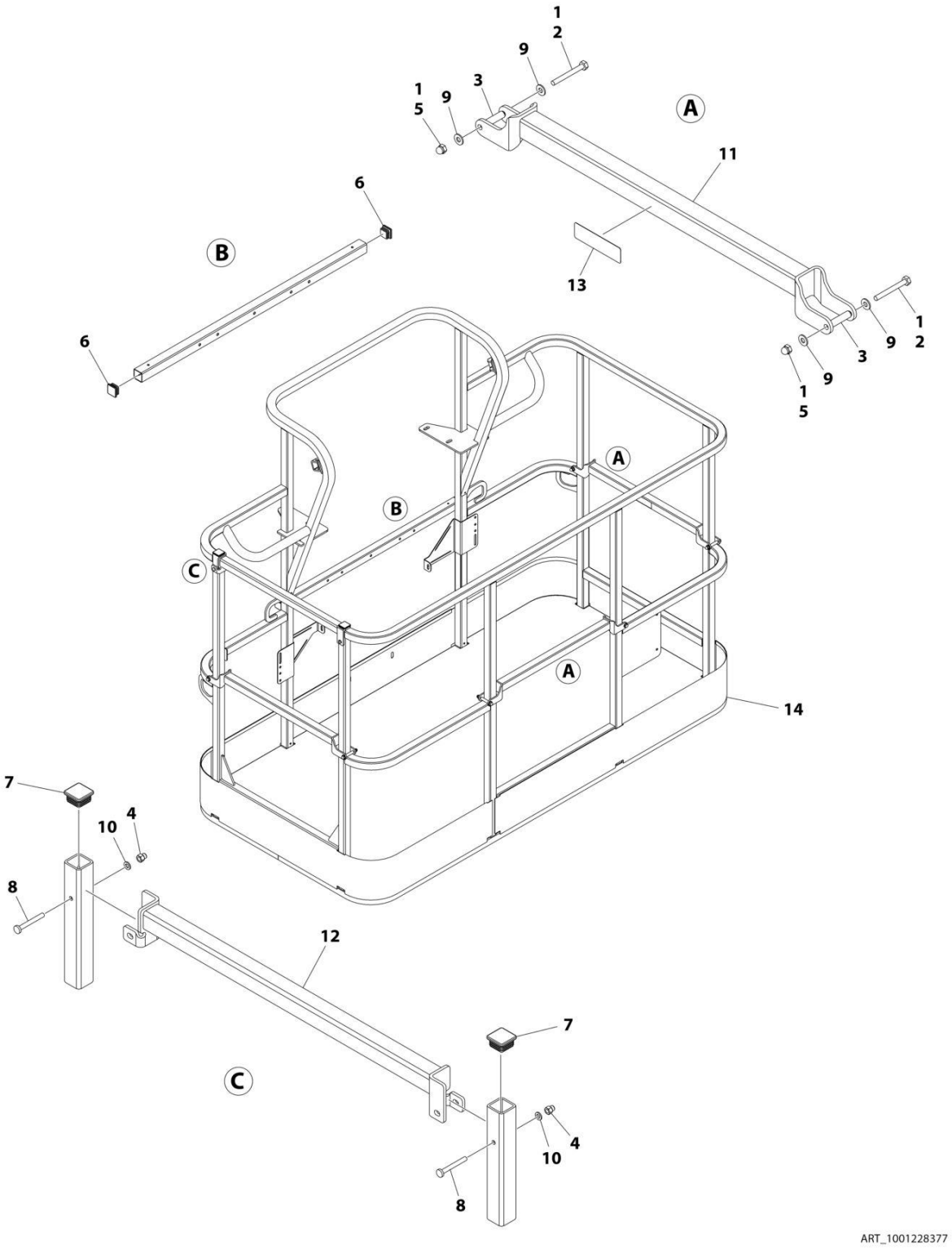


## FIGURE 5-19. PLATFORM ASSEMBLY WITH 1 GATE / 2 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228243 | Ref | PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY | A |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 4 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 4 | Bushing | |
| 4 | 2080040 | 16 | Fastener, Huck | |
| 5 | 2600281 | 2 | Hinge, Self-Closing | |
| 6 | 2940074 | 1 | Latch | |
| 7 | 3300151 | 4 | Nut 1/4 | |
| 8 | 3520072 | 3 | Cap, Plug | |
| 9 | 3520198 | 2 | Cap, Plug | |
| 10 | 3820020 | 4 | Rivet | |
| 11 | 4711400 | 8 | Washer 1/4 | |
| 12 | 1001138494 | 2 | Bar, Drop | |
| 13 | 1001140429 | 2 | Decal - Drop Bar | |
| 14 | 1001144629 | 1 | Gate, Weldment | |
| 15 | See Note | 1 | Platform (Note: Not Available - Purchase Platform Assembly) | |

# SECTION 5 - PLATFORM

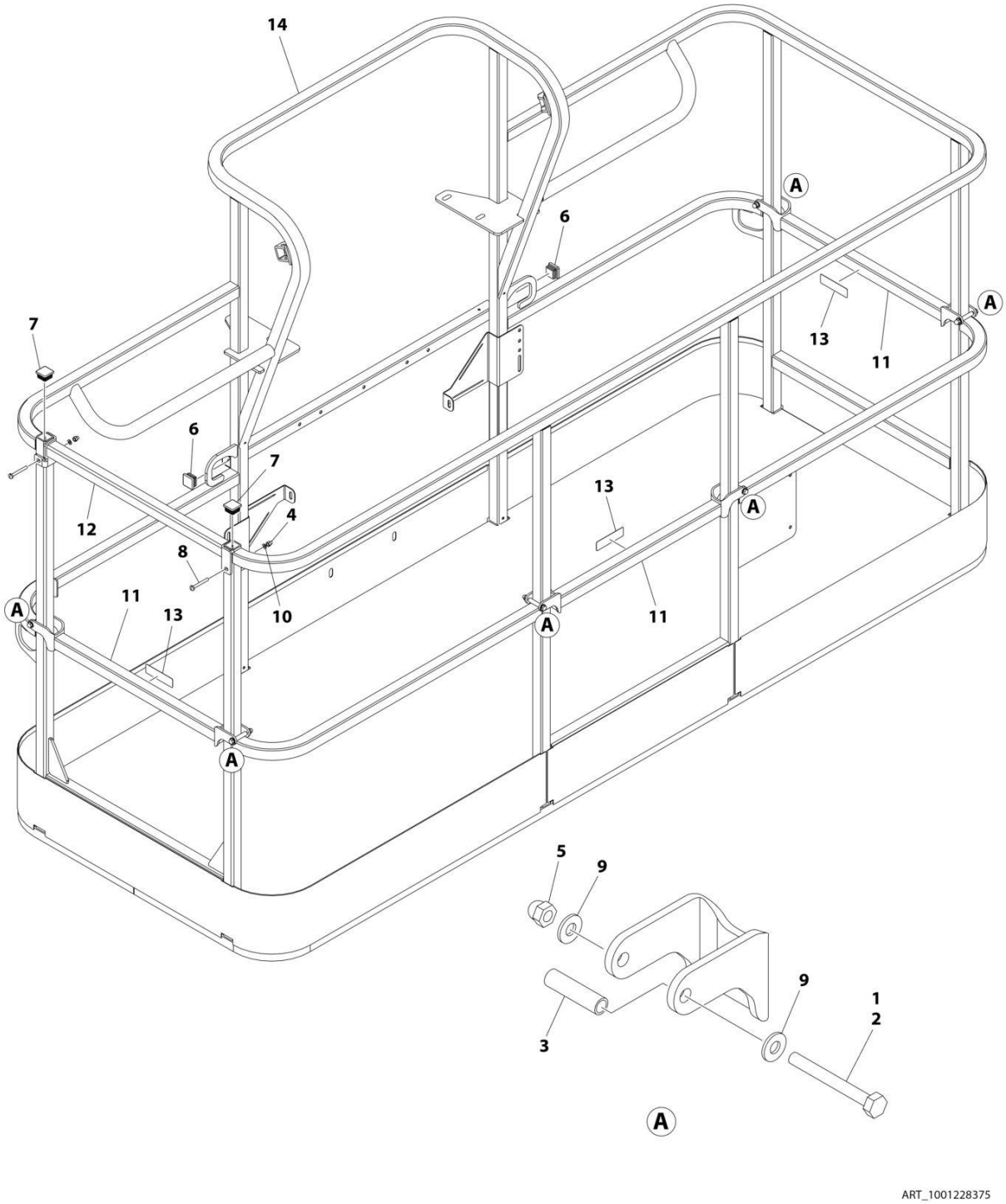
## FIGURE 5-20. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M)



## FIGURE 5-20. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 6FT (91.5CM X 1.83M)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228377 | Ref | PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M) | B |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION. | |
| 1 | 0100011 | 1 | Compound, Locking | |
| 2 | 0641418 | 6 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 6 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 | |
| 5 | 3300151 | 6 | Nut 1/4 | |
| 6 | 3520072 | 2 | Plug | |
| 7 | 3520198 | 2 | Plug | |
| 8 | 4010618 | 2 | Screw M6 x 50 | |
| 9 | 4711400 | 12 | Washer 1/4 | |
| 10 | 4811700 | 2 | Washer M6 | |
| 11 | 1001138494 | 3 | Bar, Drop | |
| 12 | 1001138514 | 1 | Rail (Top) | |
| 13 | 1001140429 | 3 | Decal - Drop Bar | |
| 14 | See Note | NSS | Platform, Weldment (Note: Not Available - Purchase Platform Assembly) | |

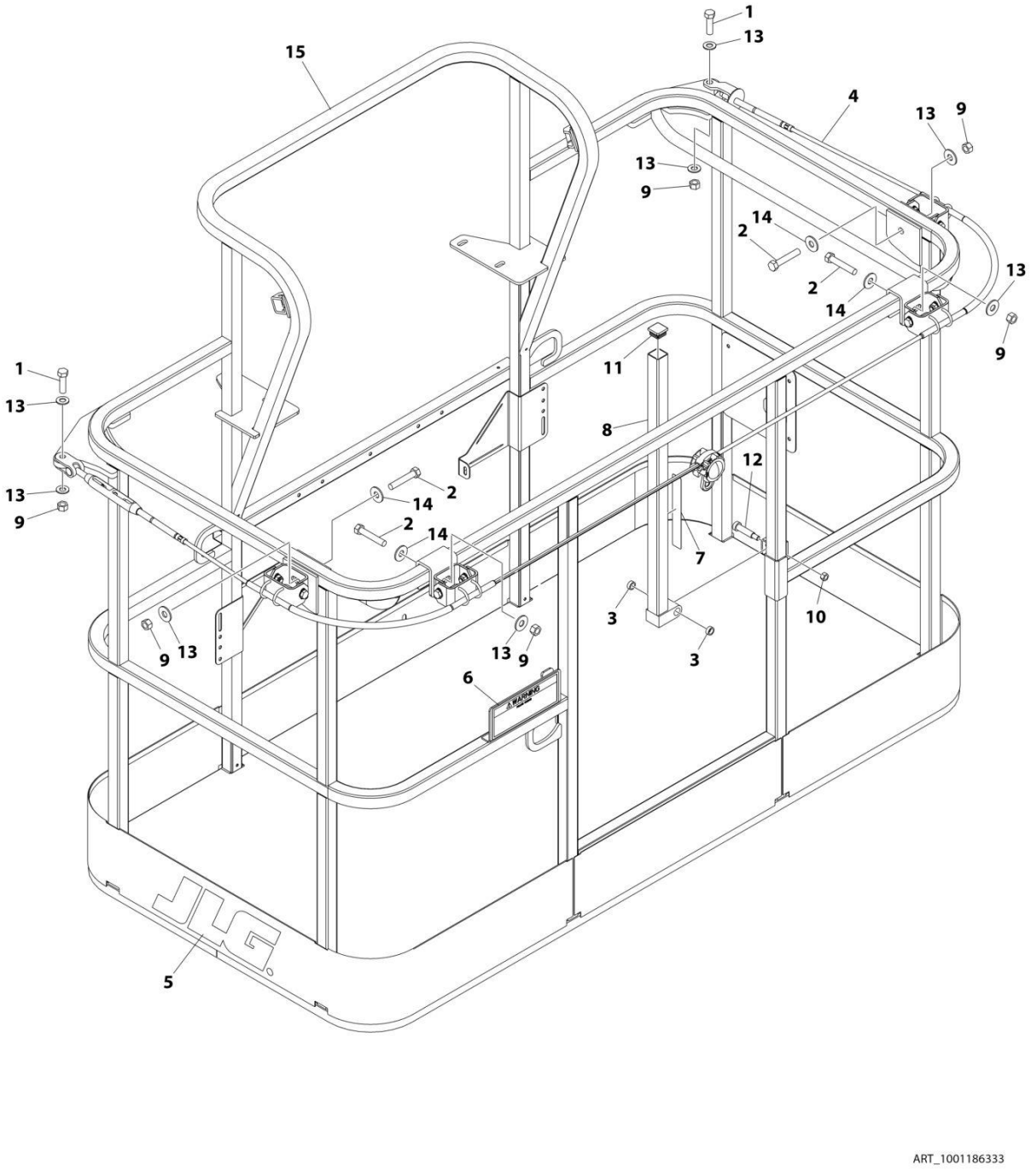
## FIGURE 5-21. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M)



## FIGURE 5-21. PLATFORM ASSEMBLY WITH 3 DROP BARS (TRI-ENTRY) - 36IN X 8FT (91.5CM X 2.44M)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228375 | Ref | PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH TRI-ENTRY | A |
| | | Ref | Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations. | |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION. | |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641418 | 6 | Bolt 1/4 x 2-1/4 | |
| 3 | 0961845 | 6 | Bushing | |
| 4 | 3290606 | 2 | Nut M6 x 1 | |
| 5 | 3300151 | 6 | Nut 1/4 | |
| 6 | 3520072 | 2 | Cap, Plug | |
| 7 | 3520198 | 2 | Cap, Plug | |
| 8 | 4010618 | 2 | Screw M6 x 50 | |
| 9 | 4711400 | 12 | Washer 1/4 | |
| 10 | 4811700 | 2 | Washer M6 | |
| 11 | 1001138494 | 3 | Bar, Drop | |
| 12 | 1001138514 | 1 | Rail (Top) | |
| 13 | 1001140429 | 3 | Decal - Drop Bar | |
| 14 | See Note | 1 | Platform (Note: Not Available - Purchase Platform Assembly) | |

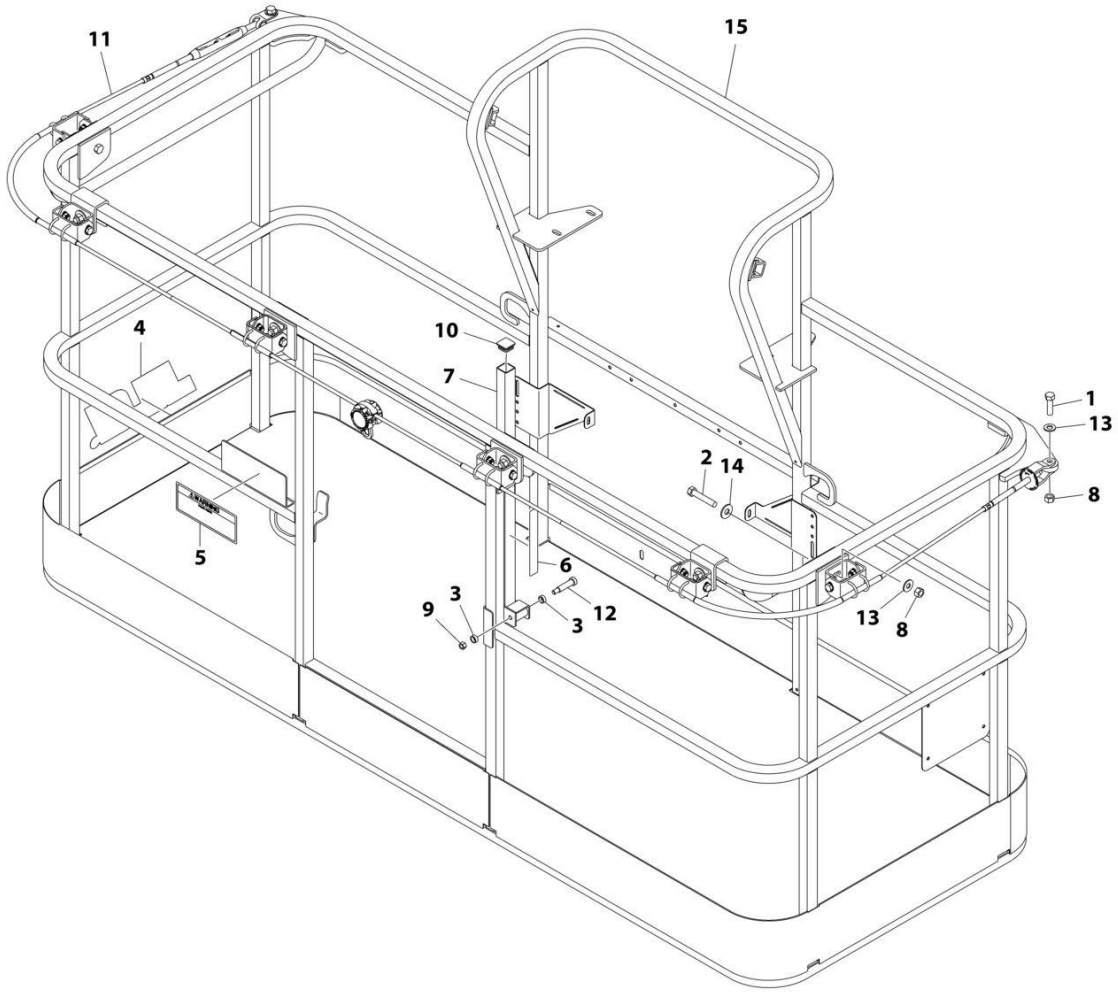
## FIGURE 5-22. PLATFORM ASSEMBLY WITH FALL ARREST (6FT)



## FIGURE 5-22. PLATFORM ASSEMBLY WITH FALL ARREST (6FT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186333 | Ref | PLATFORM ASSEMBLY | C |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0681814 | 2 | Bolt 1/2 x 1-3/4 Grade 8 | |
| 2 | 0681822 | 4 | Bolt 1/2 x 2-3/4 Grade 8 | |
| 3 | 0962270 | 2 | Bearing | |
| 4 | 1001203655 | 1 | Cable | |
| 5 | 1702773 | 1 | Decal - JLG | |
| 6 | 1705014 | 1 | Decal - Safety | |
| 7 | 1706385 | 1 | Decal - Drop Bar | |
| 8 | 2410014 | 1 | Bar, Drop | |
| 9 | 3271805 | 6 | Nut 1/2 Grade 8 | |
| 10 | 3311605 | 1 | Nut 3/8 | |
| 11 | 3520072 | 1 | Plug | |
| 12 | 3900054 | 1 | Bolt 1/2 x 1-3/4 | |
| 13 | 4711800 | 8 | Washer 1/2 | |
| 14 | 4751800 | 4 | Washer 1/2 | |
| 15 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

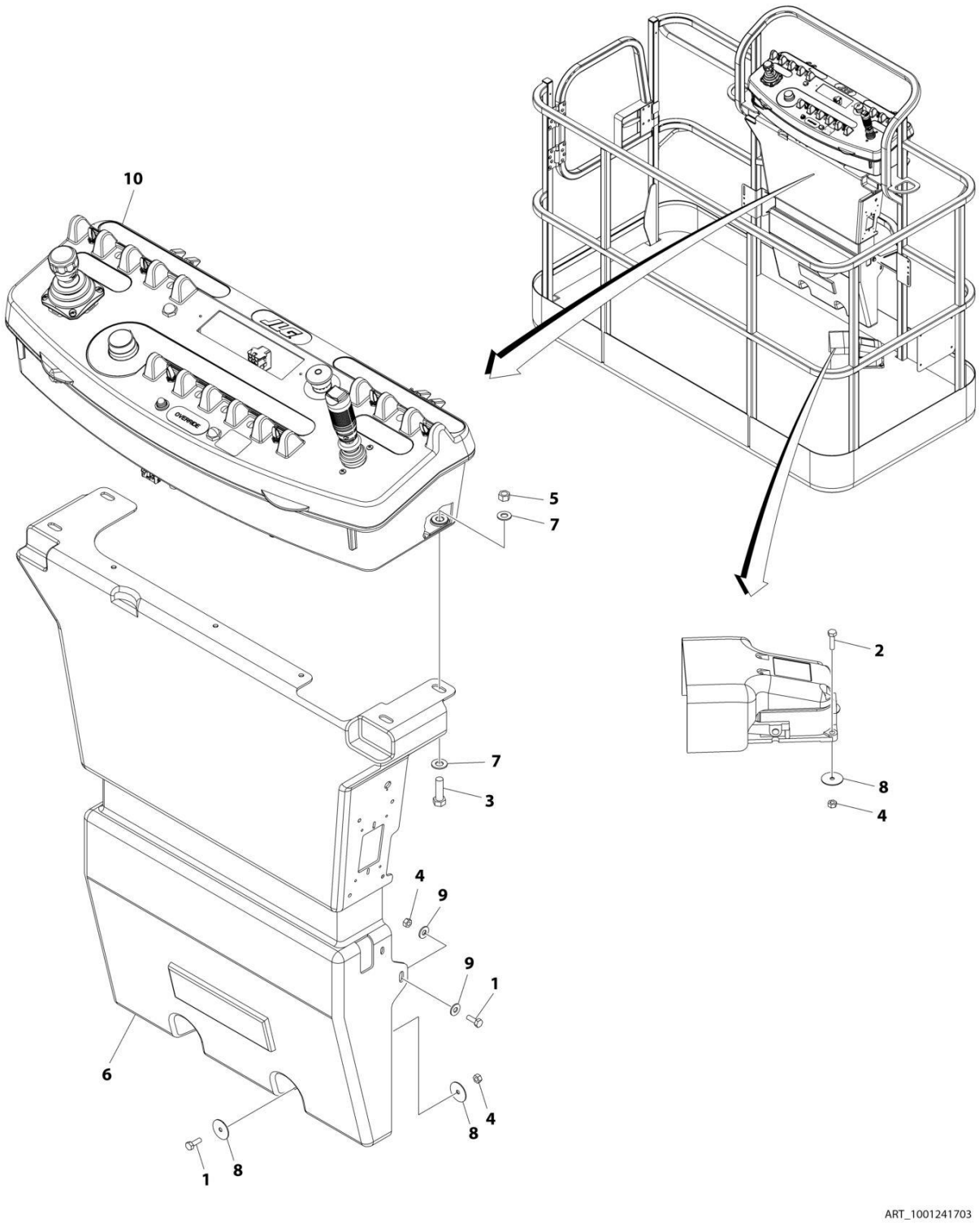
## FIGURE 5-23. PLATFORM ASSEMBLY WITH FALL ARREST (8FT)



## FIGURE 5-23. PLATFORM ASSEMBLY WITH FALL ARREST (8FT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186334 | Ref | PLATFORM ASSEMBLY | D |
| | | Ref | Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION. | |
| 1 | 0681814 | 2 | Bolt 1/2 x 1-3/4 Grade 8 | |
| 2 | 0681822 | 6 | Bolt 1/2 x 2-3/4 Grade 8 | |
| 3 | 0962270 | 2 | Bearing | |
| 4 | 1702773 | 1 | Decal - JLG | |
| 5 | 1705014 | 1 | Decal - Safety | |
| 6 | 1706385 | 1 | Decal - Drop Bar | |
| 7 | 2410014 | 1 | Bar, Drop | |
| 8 | 3271805 | 8 | Nut 1/2 Grade 8 | |
| 9 | 3311605 | 1 | Nut 3/8 | |
| 10 | 3520072 | 1 | Plug | |
| 11 | 1001203656 | 1 | Cable | |
| 12 | 3900054 | 1 | Bolt 1/2 x 1-3/4 | |
| 13 | 4711800 | 2 | Washer 1/2 | |
| 14 | 4751800 | 6 | Washer 1/2 | |
| 15 | See Note | NSS | Platform (Note: Purchase Platform Assembly) | |

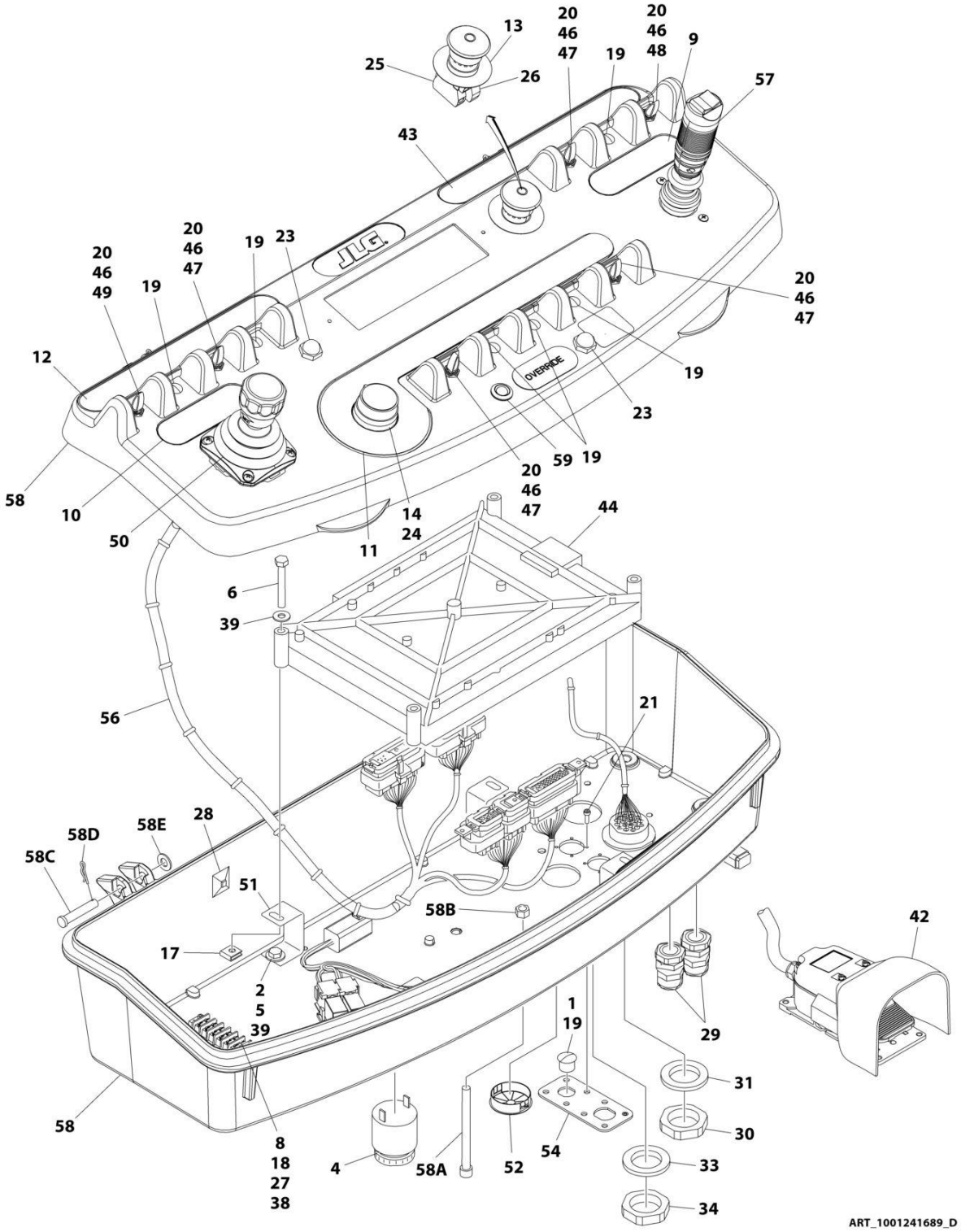
## FIGURE 5-24. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION



## FIGURE 5-24. PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241703 | Ref | PLATFORM CONSOLE AND FOOTSWITCH INSTALLATION | B |
| 1 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 2 | 0641408 | 3 | Bolt 1/4 x 1 | |
| 3 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 4 | 3311405 | 7 | Nut 1/4 | |
| 5 | 3311605 | 4 | Nut 3/8 | |
| 6 | 3380434 | 1 | Panel | |
| 7 | 4751600 | 8 | Washer 3/8 | |
| 8 | 4740362 | 7 | Washer | |
| 9 | 4751400 | 4 | Washer 1/4 | |
| 10 | 1001241689 | 1 | Platform Console Assembly (See Separate Breakdown in this Section) | |

## FIGURE 5-25. PLATFORM CONSOLE ASSEMBLY



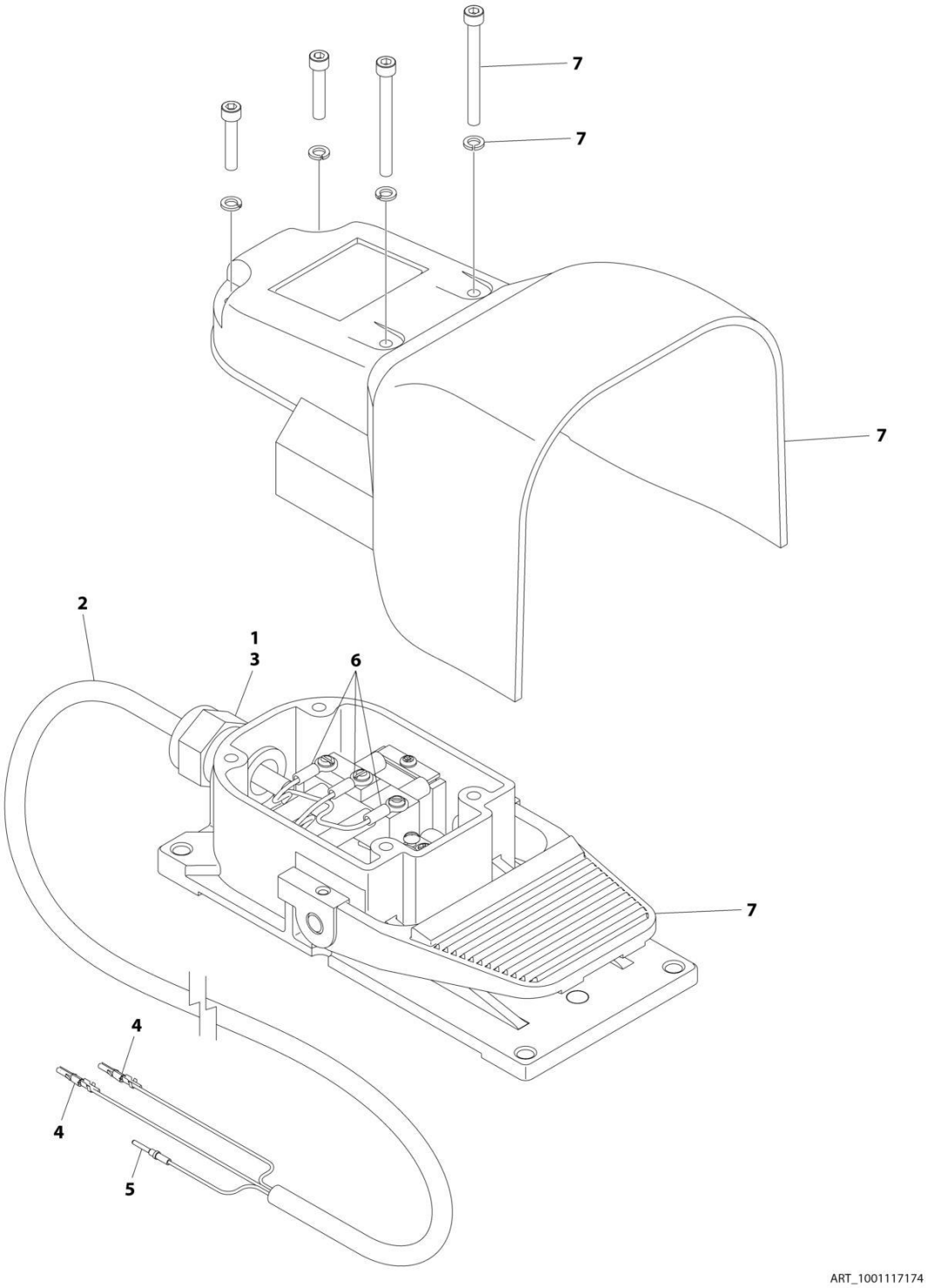
## FIGURE 5-25. PLATFORM CONSOLE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241689 | Ref | CONSOLE BOX ASSEMBLY | D |
| 1 | 0100009 | AR | Sealant | |
| 2 | 0100035 | AR | Compound, Locking | |
| 4 | 0140011 | 1 | Alarm | |
| 5 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 6 | 0641414 | 4 | Bolt 1/4 x 1-3/4 | |
| 8 | 0721006 | 2 | Screw #10 x 3/4 | |
| 9 | 1702565 | 1 | Decal - Drive and Steer | |
| 10 | 1702566 | 1 | Decal - Lift and Swing | |
| 11 | 1702567 | 1 | Decal - Function Speed | |
| 12 | 1001184626 | 1 | Decal - Horn | |
| 13 | 1704260 | 1 | Decal - Emergency Stop | |
| 14 | 2560136 | 1 | Knob | |
| 17 | 3300353 | 4 | Nut, Tinnerman | |
| 18 | 3311005 | 2 | Nut #10 | |
| 19 | 3520054 | 7 | Plug, Hole | |
| 20 | 3790012 | 6 | O-Ring | |
| 21 | 3900349 | 8 | Capscrew M2.5 | |
| 22 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 23 | 4360387 | 2 | Switch, Push Button | |
| 24 | 4360407 | 1 | Switch, Flow Control | |
| 24 | See Note | 1 | Gasket "Top Hat" (Included with Switch) (Note: Not Available for Purchase) | |
| 24 | 70003784 | 1 | Seal | |
| 25 | 1001274559 | 1 | Switch, Emergency Stop | |
| 26 | 4360476 | 1 | Switch, Contact | |
| 27 | 4460007 | 1 | Bussbar | |
| 28 | 4460234 | 6 | Mount, Tie-Strap | |
| 29 | 4460428 | 2 | Connector, Strain Relief | |
| 30 | 4460470 | 1 | Nut | |
| 31 | 4460471 | 1 | Washer | |
| 33 | 4460496 | 1 | Washer | |
| 34 | 4460497 | 1 | Nut | |
| 38 | 4751000 | 2 | Washer #10 | |
| 39 | 4751400 | 8 | Washer 1/4 | |
| 41 | 4922666 | 1 | Harness, Analyzer Cable (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 1001117174 | 1 | Footswitch Assembly (See Separate Breakdown in this Section) | |
| 43 | 1001184618 | 1 | Decal - Stop | |
| 44 | 1001141138 | 1 | Module, Platform (Note: Re-calibration Required when Replaced) | |
| 46 | 1001155044 | 6 | Nut 15/32 | |
| 47 | 1001155045 | 4 | Switch, Toggle | |
| 48 | 1001159256 | 1 | Switch, Toggle | |
| 49 | 1001161709 | 1 | Switch, Toggle | |
| 50 | 1001275629 | 1 | Controller Lift/Swing | |
| 51 | 1001172760 | 4 | Bracket | |
| 52 | 1001185281 | 1 | Plug | |
| 54 | 1001213882 | 1 | Mount | |
| 56 | 1001244181 | 1 | Harness, Console Box (See Separate Breakdown in ELECTRICAL Section) | |

# SECTION 5 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 57 | 1001275628 | 1 | Controller Drive/Steer | |
| 58 | 1001215228 | 1 | Console Box Assembly | |
| 58A | 0630568 | 1 | Capscrew 3/8 x 4-1/2 | |
| 58B | 3311601 | 1 | Nut 3/8 | |
| 58C | 3430616 | 2 | Pin | |
| 58D | 3470003 | 2 | Hairpin | |
| 58E | 4711600 | 2 | Washer 3/8 | |
| 59 | 1001206532 | 1 | Lamp, LED Indicator Yellow | |

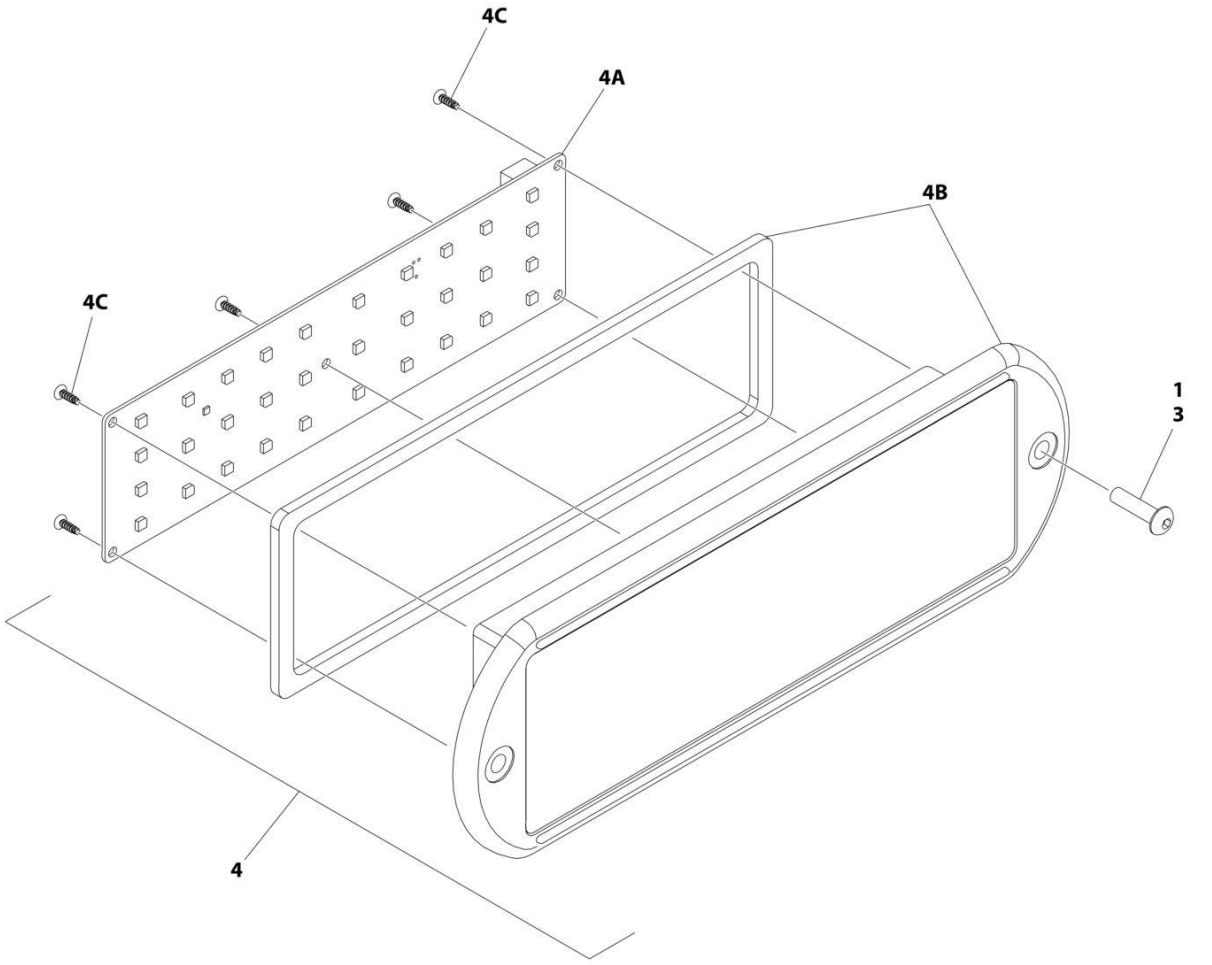
## FIGURE 5-26. FOOTSWITCH ASSEMBLY



## FIGURE 5-26. FOOTSWITCH ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001117174 | Ref | FOOTSWITCH ASSEMBLY | C |
| 1 | 0100020 | AR | Sealant | |
| 2 | 1060918 | 7.5 ft/ 2.3m | Cable, Electrical - 18/3 | |
| 3 | 4460071 | 1 | Connector, Strain Relief | |
| 4 | 4460226 | 2 | Socket, Female | |
| 5 | 4460464 | 1 | Pin, Male | |
| 6 | 1001098122 | 3 | Terminal | |
| 7 | 1001117172 | 1 | Footswitch | |
| 7 | 70002902 | 1 | Switch, 20Amp | |
| 7 | 70002903 | 1 | Gasket | |
| 7 | 70002905 | 1 | Cover | |
| 7 | 70002904 | 1 | Kit, Replacement Bolt | |

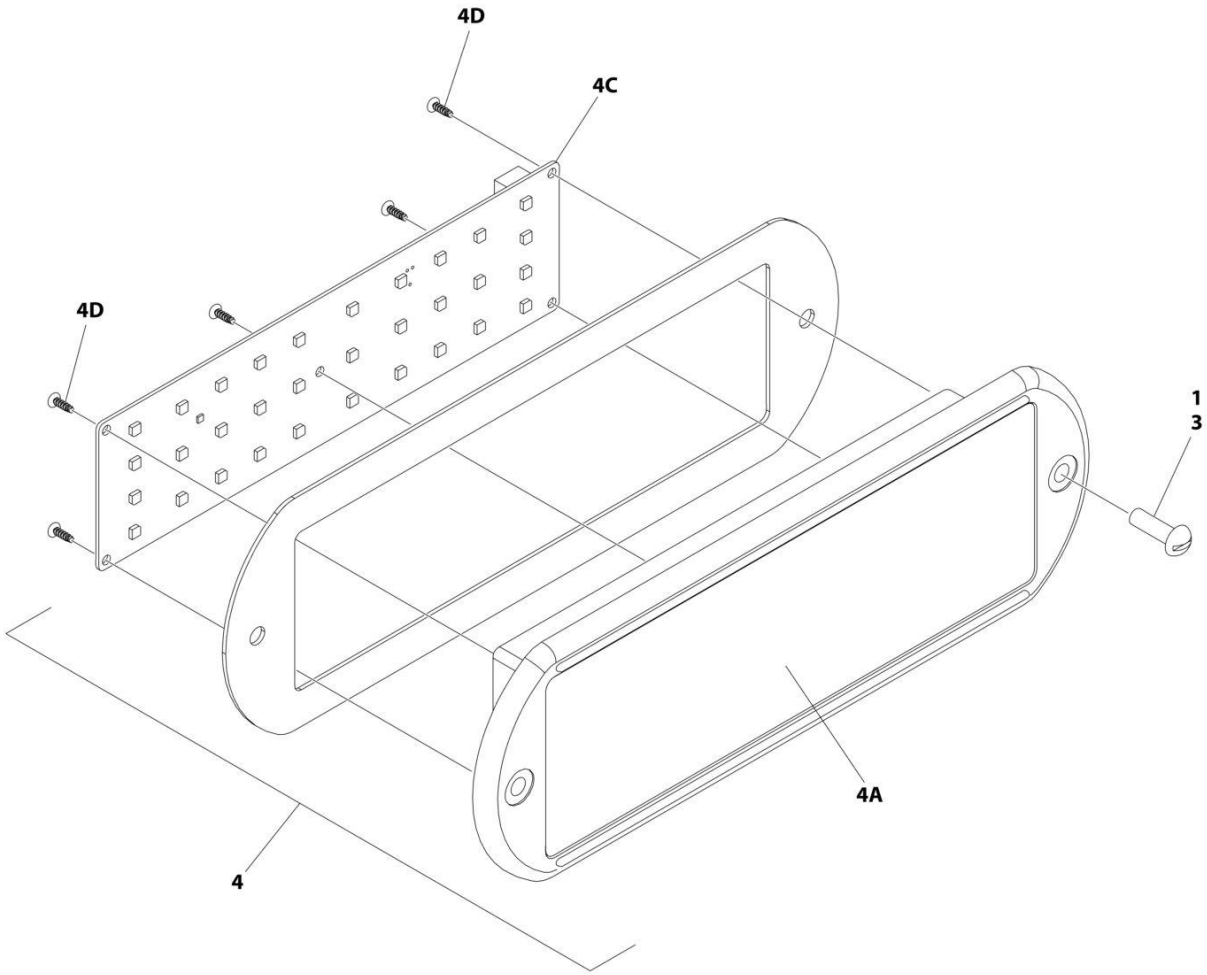
## FIGURE 5-27. LIGHT PANEL INSTALLATION (MACHINES WITH SN STARTING WITH 03) (CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)



## FIGURE 5-27. LIGHT PANEL INSTALLATION (MACHINES WITH SN STARTING WITH 03) (CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001233959 | Ref | LIGHT PANEL INSTALLATION - PLATFORM CONSOLE | D |
| 1 | 0100035 | AR | Compound, Locking | |
| 3 | 0630518 | 2 | Screw #10 x 3/4 | |
| 4 | 1001284583 | 1 | Light Panel Assembly | A |
| 4A | 1001282106 | 1 | Panel, LED Light | |
| 4B | 1001284582 | 1 | Lens, Icon (Includes Gasket) | |
| 4C | | Ref | Screw | |

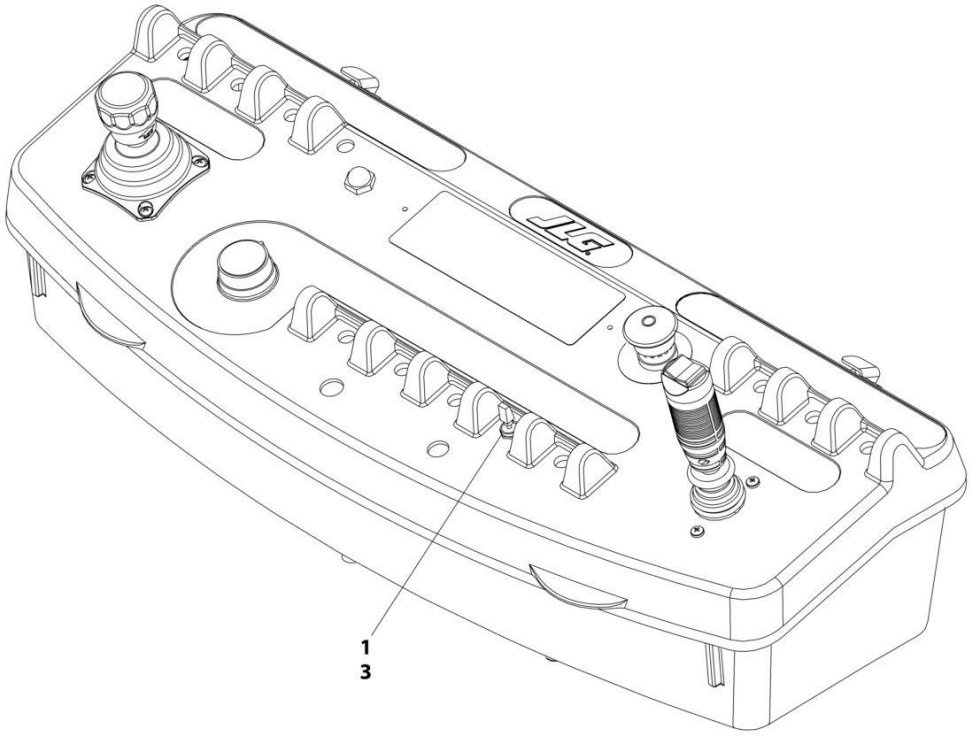
## FIGURE 5-28. LIGHT PANEL INSTALLATION (ALL SPEC EXCEPT CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)



## FIGURE 5-28. LIGHT PANEL INSTALLATION (ALL SPEC EXCEPT CE & UK CA SPEC MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241398 | Ref | LIGHT PANEL INSTALLATION - PLATFORM CONSOLE | B |
| 1 | 0100035 | AR | Compound, Locking | |
| 3 | 3911010 | 2 | Screw #10 x 5/8 | |
| 4 | 1001238671 | 1 | Light Panel Assembly | |
| 4A | 1001236087 | 1 | Lens, I-Con | |
| 4C | 1001238732 | 1 | Panel, LED Light | |
| 4D | | Ref | Screw | |

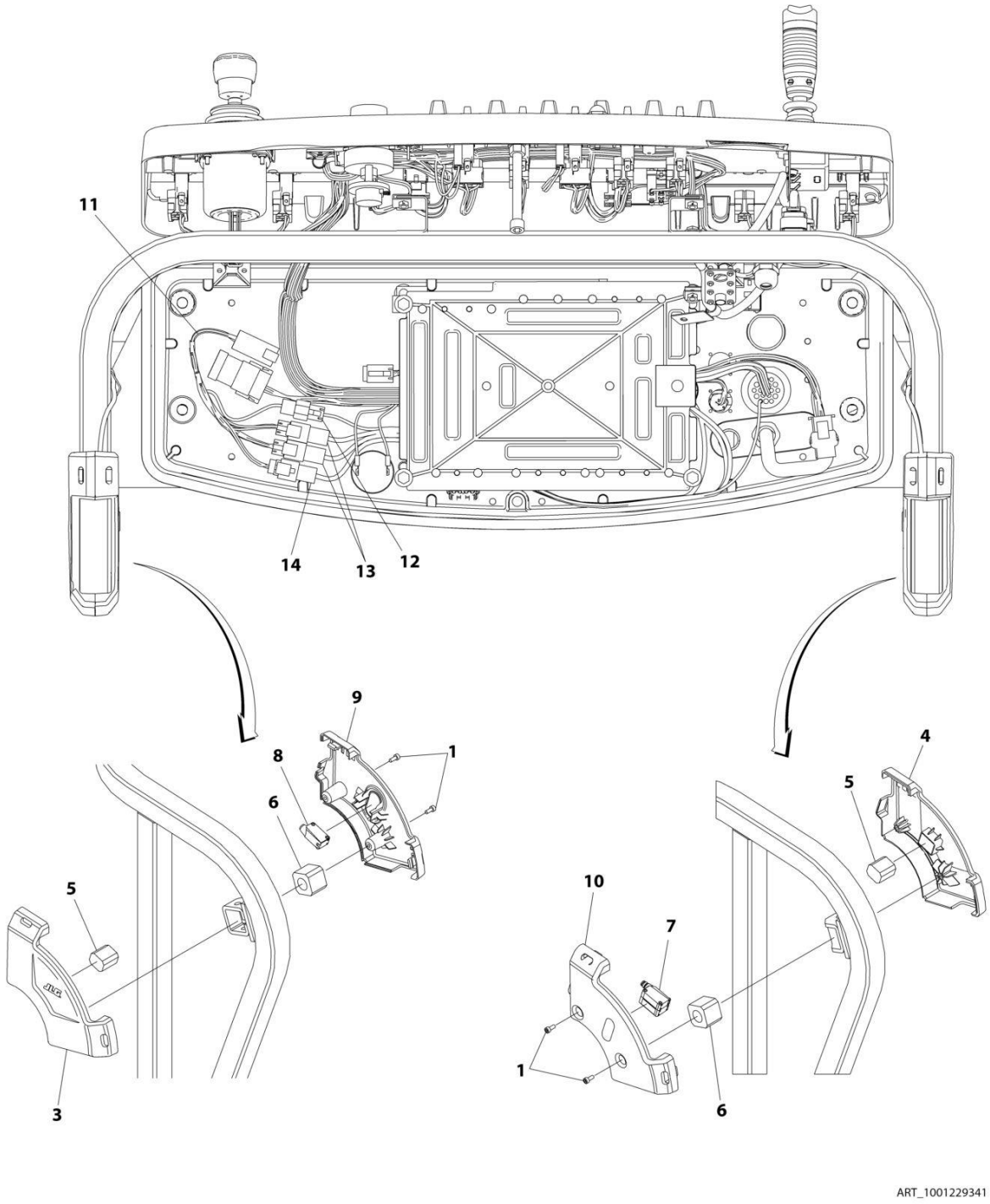
**FIGURE 5-29. JIB SWITCH INSTALLATION (860SJ HC3)**



## FIGURE 5-29. JIB SWITCH INSTALLATION (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258608 | Ref | JIB SWITCH INSTALLATION | C |
| 1 | 4360328 | 1 | Switch, Toggle | |
| 3 | 3790012 | 1 | O-Ring | |

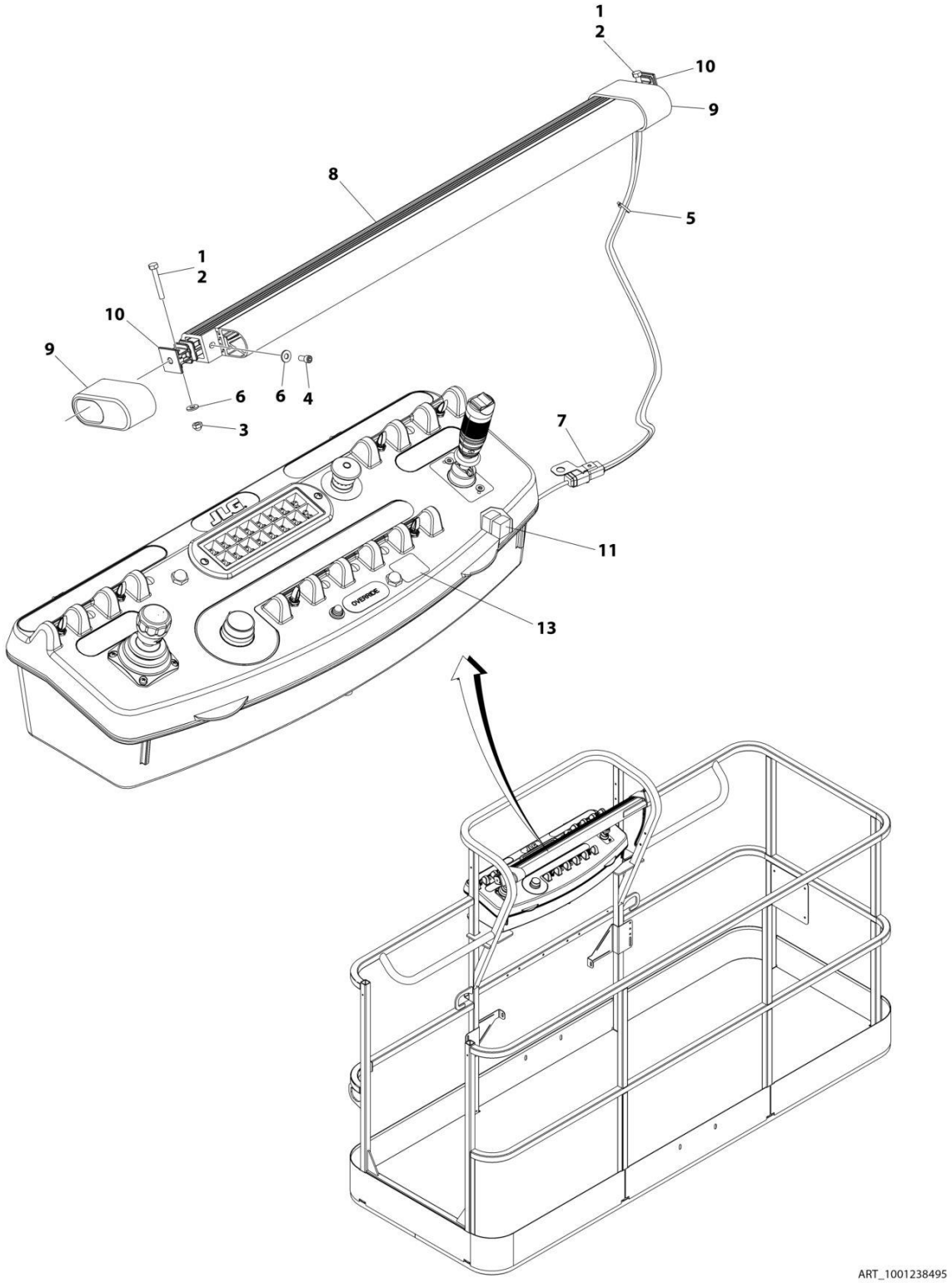
**FIGURE 5-30. SKYEYE INSTALLATION**



## FIGURE 5-30. SKYEYE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001229341 | Ref | SKYEYE INSTALLATION | B |
| 1 | 4031505 | 4 | Bolt M4 x 10 | |
| 2 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 3 | 1001227633 | 1 | Housing, LH Outer | |
| 4 | 1001227634 | 1 | Housing, RH Outer | |
| 5 | 1001227985 | 2 | Shim | |
| 6 | 1001227987 | 2 | Shim | |
| 7 | 1001228224 | 2 | Sensor, Receiver | |
| 8 | 1001228225 | 1 | Sensor, Emitter | |
| 9 | 1001232164 | 1 | Housing, LH Inner | |
| 10 | 1001232165 | 1 | Housing, RH Inner | |
| 11 | 1001237865 | 1 | Harness, Skyeye Intermediate (See Separate Breakdown in ELECTRICAL Section) | |
| 12 | 1001238319 | NLA | Harness, Skyeye Drain Jumper | |
| 12 | 1001187674 | 1 | Plug, Male - 2 Position | |
| 12 | 4460942 | 1 | Terminal | |
| 12 | 4460466 | 1 | Plug, Terminal | |
| 12 | 4460508 | 1 | Pin, Male | |
| 13 | 1001237863 | 2 | Harness, Skyeye Receiver (See Separate Breakdown in ELECTRICAL Section) | |
| 14 | 1001237864 | 1 | Harness, Skyeye Emitter (See Separate Breakdown in ELECTRICAL Section) | |

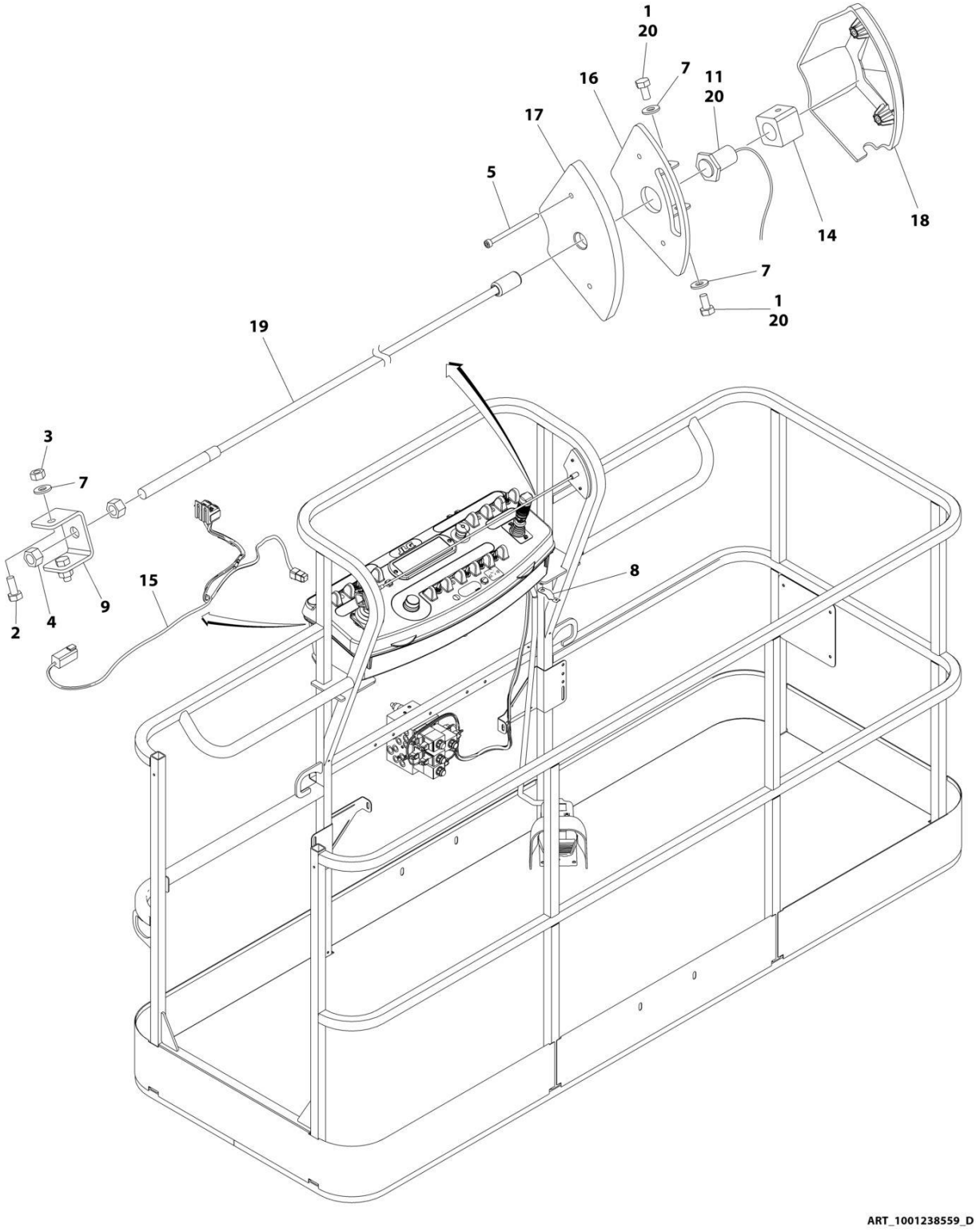
## FIGURE 5-31. SKYGUARD BAR INSTALLATION



## FIGURE 5-31. SKYGUARD BAR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238495 | Ref | SKYGUARD BAR INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641414 | 2 | Bolt 1/4 x 1-3/4 | |
| 3 | 3300430 | 2 | Nut 1/4 | |
| 4 | 3931408 | 2 | Capscrew 1/4 x 1/2 | |
| 5 | 4240033 | 8 | Tie-Strap | |
| 6 | 4711400 | 6 | Washer 1/4 | |
| 7 | 1001120328 | 1 | Mount | |
| 8 | 1001137673 | 1 | SkyGuard Switch Assembly | |
| 9 | 1001186517 | 2 | Cover, Platform Sensor | |
| 10 | 1001209664 | 2 | Support, Block | |
| 11 | 1001186431 | 2 | Relay | |
| 12 | 1001225580 | 1 | Interface Harness Assembly (Not Shown - Located Inside Console Box) (See Separate Breakdown in ELECTRICAL Section) | |
| 13 | 1001144433 | 1 | Decal - No Weight SkyGuard | |

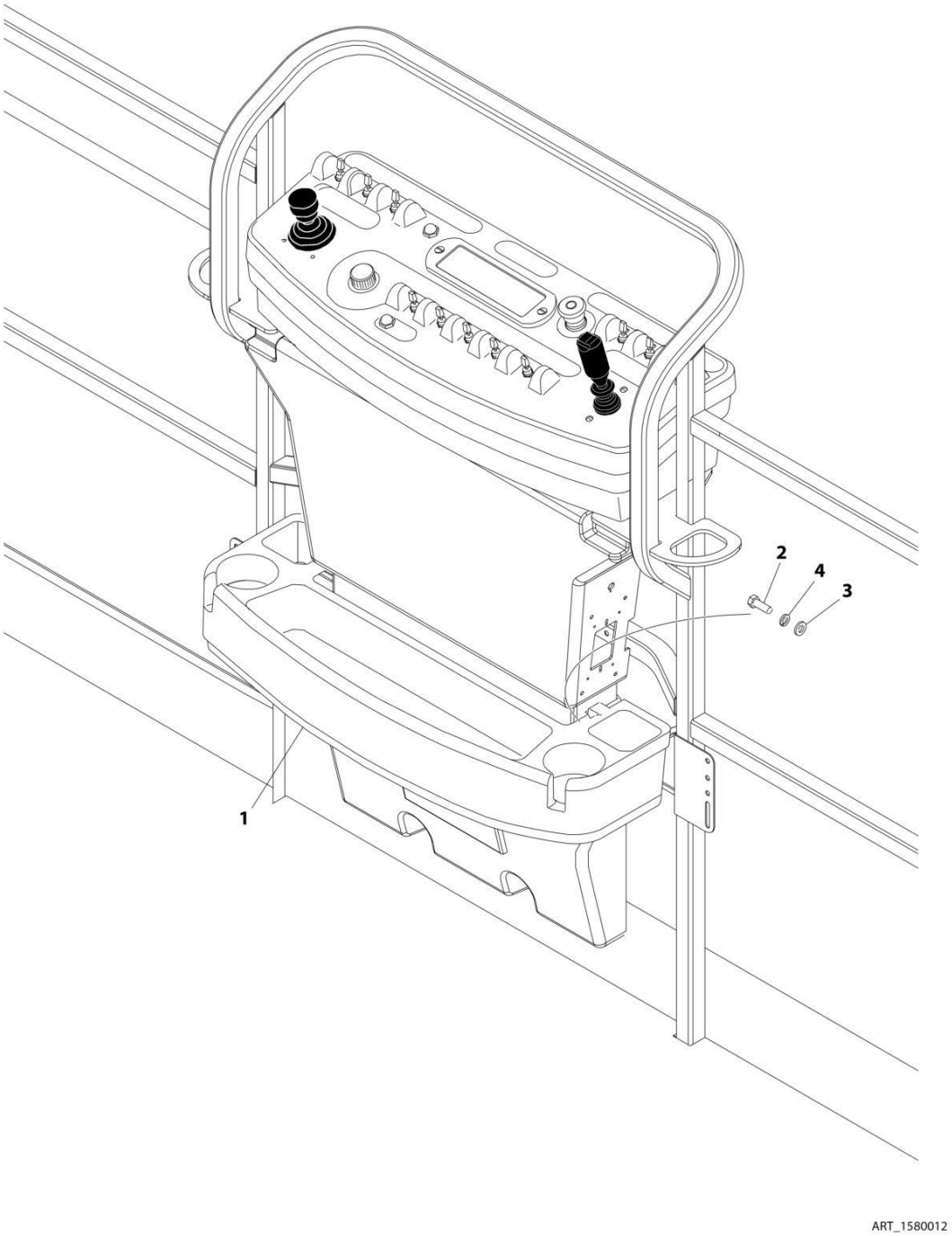
## FIGURE 5-32. SKYLINE INSTALLATION



## FIGURE 5-32. SKYLINE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238559 | Ref | SKYLINE INSTALLATION | D |
| 1 | 0641404 | 2 | Bolt 1/4 x 1/2 | |
| 2 | 0641405 | 2 | Bolt 1/4 x 5/8 | |
| 3 | 3311405 | 2 | Nut 1/4 | |
| 4 | 3311601 | 2 | Nut 3/8 | |
| 5 | 4031516 | 2 | Capscrew M4 x 60 | |
| 6 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 7 | 4711400 | 4 | Washer 1/4 | |
| 8 | 1001120328 | 1 | Mount | |
| 9 | 1001232642 | 1 | Bracket | |
| 11 | 1001232667 | 1 | Sensor, Proximity | |
| 11 | 1001311034 | 1 | Sensor, Proximity | |
| 14 | 1001236552 | 1 | Block | |
| 15 | 1001238418 | 1 | Harness, Skyline (See Separate Breakdown in ELECTRICAL Section) | |
| 16 | 1001238472 | 1 | Mount | |
| 17 | 1001254473 | 1 | Housing, LH | |
| 18 | 1001241965 | 1 | Housing, RH | |
| 19 | 1001254472 | 1 | Rod | |
| 20 | 0100011 | AR | Compound, Locking | |

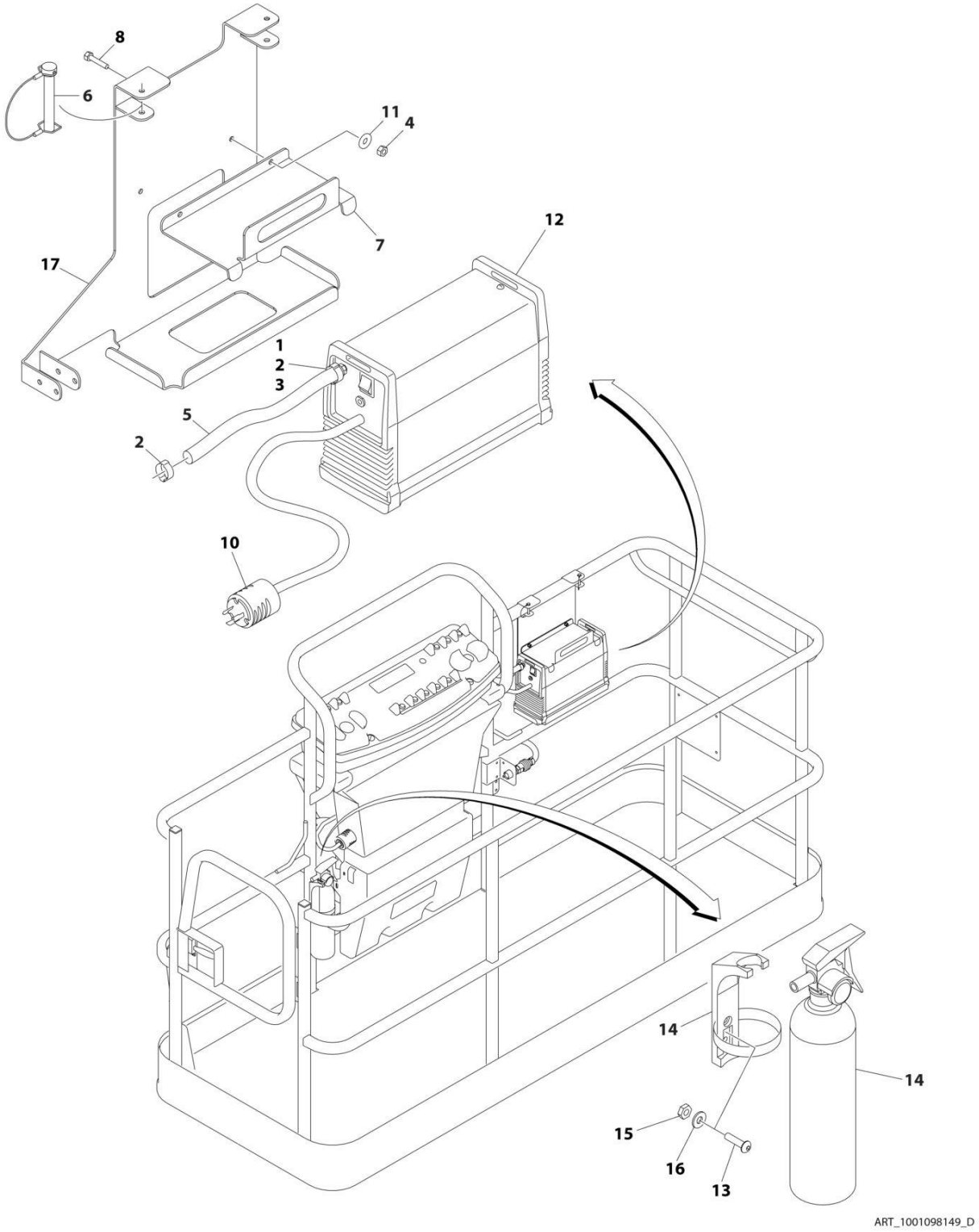
## FIGURE 5-33. STORAGE TRAY INSTALLATION - CENTER



## FIGURE 5-33. STORAGE TRAY INSTALLATION - CENTER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1580012 | Ref | TRAY ASSEMBLY | C |
| 1 | See Note | NSS | Tray, Storage (Center) (Note: Purchase p/n 1580012) | |
| 2 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 3 | 4751400 | 2 | Washer 1/4 | |
| 4 | 4761400 | 2 | Washer 1/4 | |

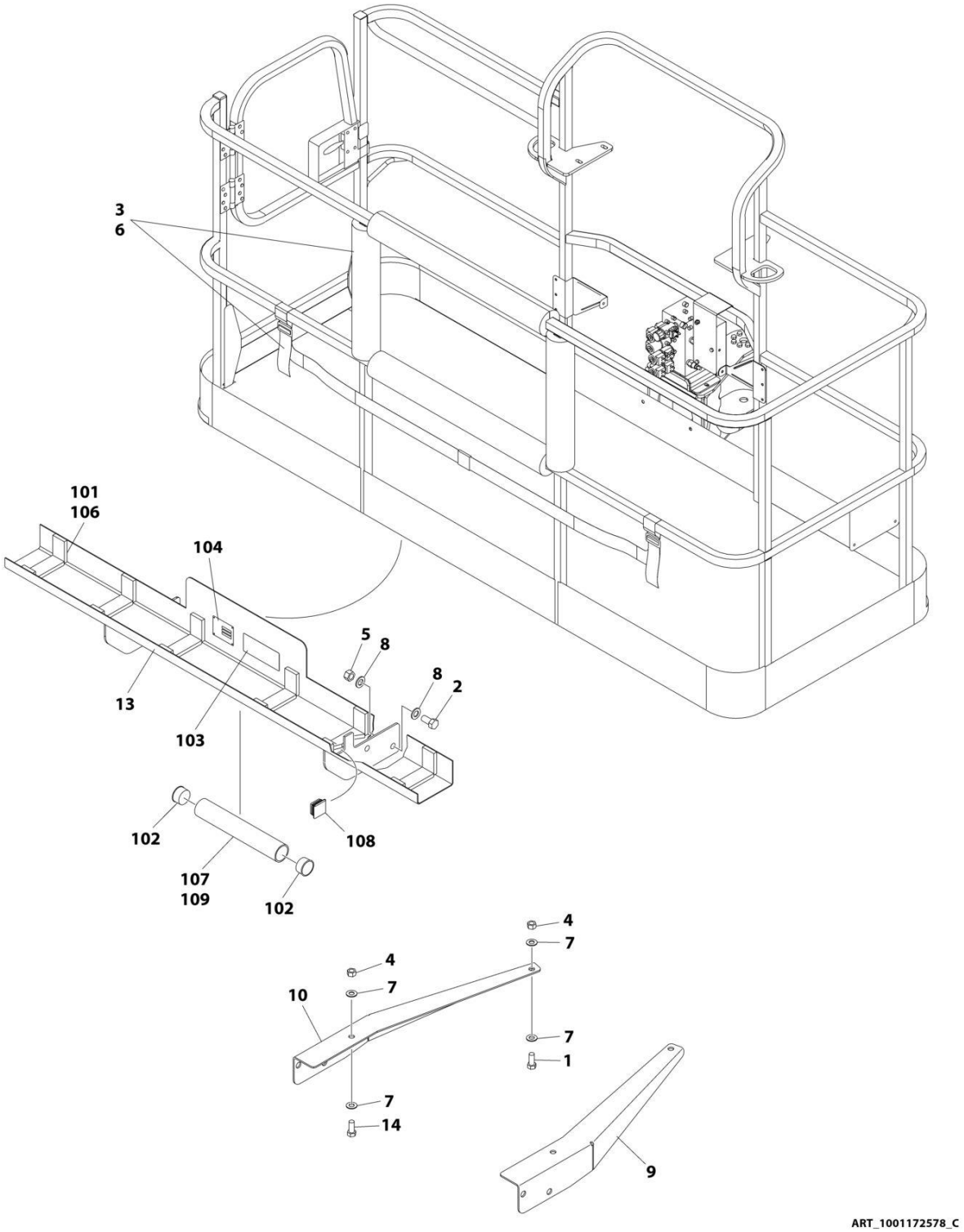
## FIGURE 5-34. SKYCUTTER INSTALLATION



## FIGURE 5-34. SKYCUTTER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001098149 | Ref | SKYCUTTER INSTALLATION | D |
| | | Ref | Note: When replacing platform on machines with SkyCutter option, new bracket p/n 1001145405 must be purchased to accommodate SkyCutter components. | |
| 1 | 0100020 | AR | Sealant | |
| 2 | 1320177 | 2 | Clamp, Hose | |
| 3 | 2180832 | 1 | Fitting, NPT/Barbed | |
| 4 | 3290605 | 2 | Nut M6 | |
| 5 | 2720160 | 3 ft /.9m | Hose | |
| 6 | 3421453 | 3 | Pin | |
| 7 | 3576799 | 1 | Plate, Hold-Down | |
| 8 | 4010608 | 2 | Screw M6 x 16 | |
| 10 | 4460971 | 1 | Plug, Twistlock | |
| 11 | 4811700 | 2 | Washer M6 | |
| 12 | 1001098012 | 1 | Plasma Cutter Assembly (See Separate Breakdown in this Section) | |
| 13 | 0630518 | 2 | Screw #10 x 3/4 | |
| 14 | 2030010 | 1 | Extinguisher, Fire | |
| 15 | 3311005 | 2 | Nut #10 | |
| 16 | 4751000 | 2 | Washer #10 | |
| 17 | 1001145405 | 1 | Support | |

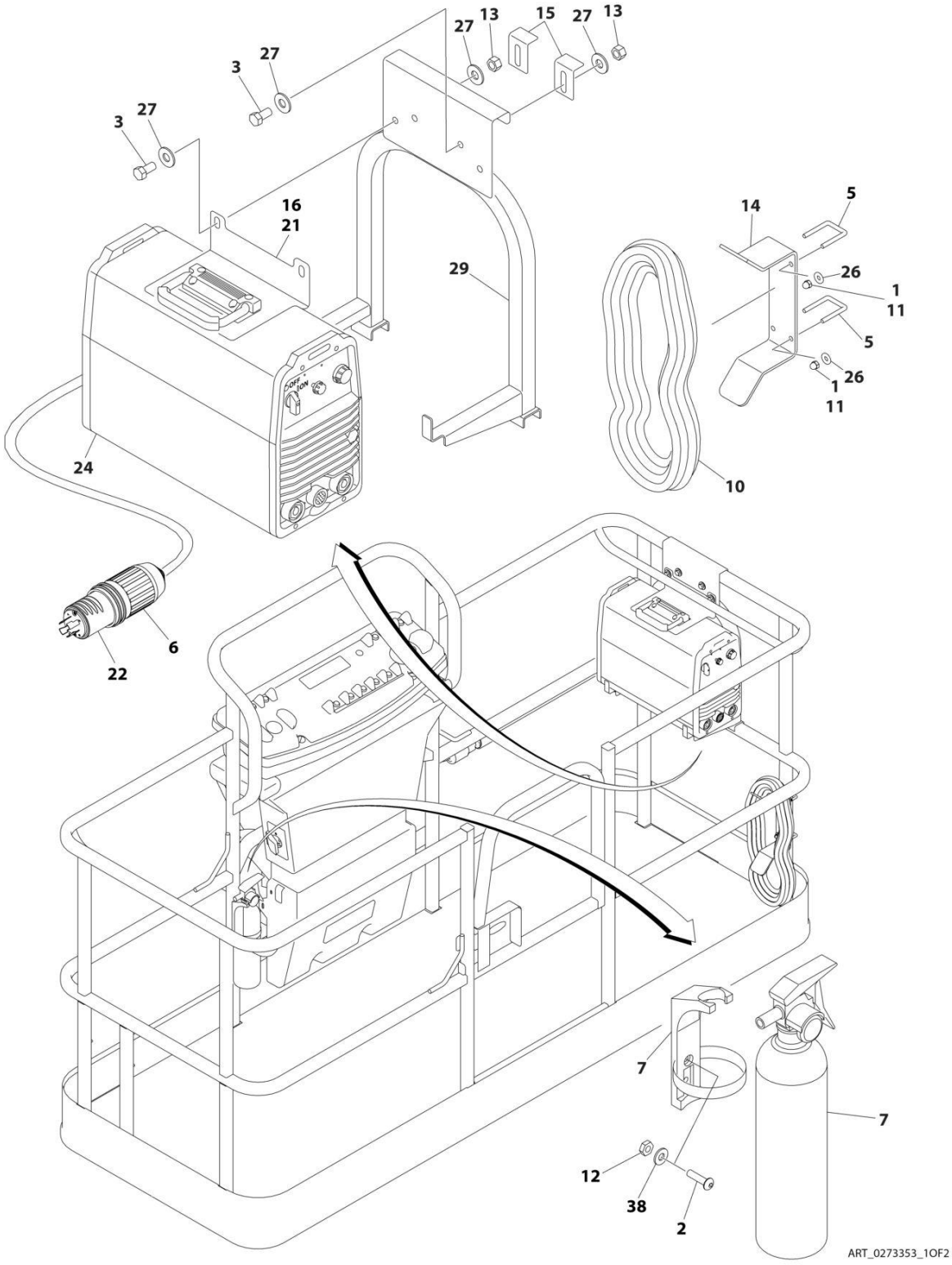
## FIGURE 5-35. SKYGLAZIER INSTALLATION (UNIVERSAL LANGUAGE) (ANSI, ANSI EXPORT, CSA, AND AUSTRALIAN SPECS)

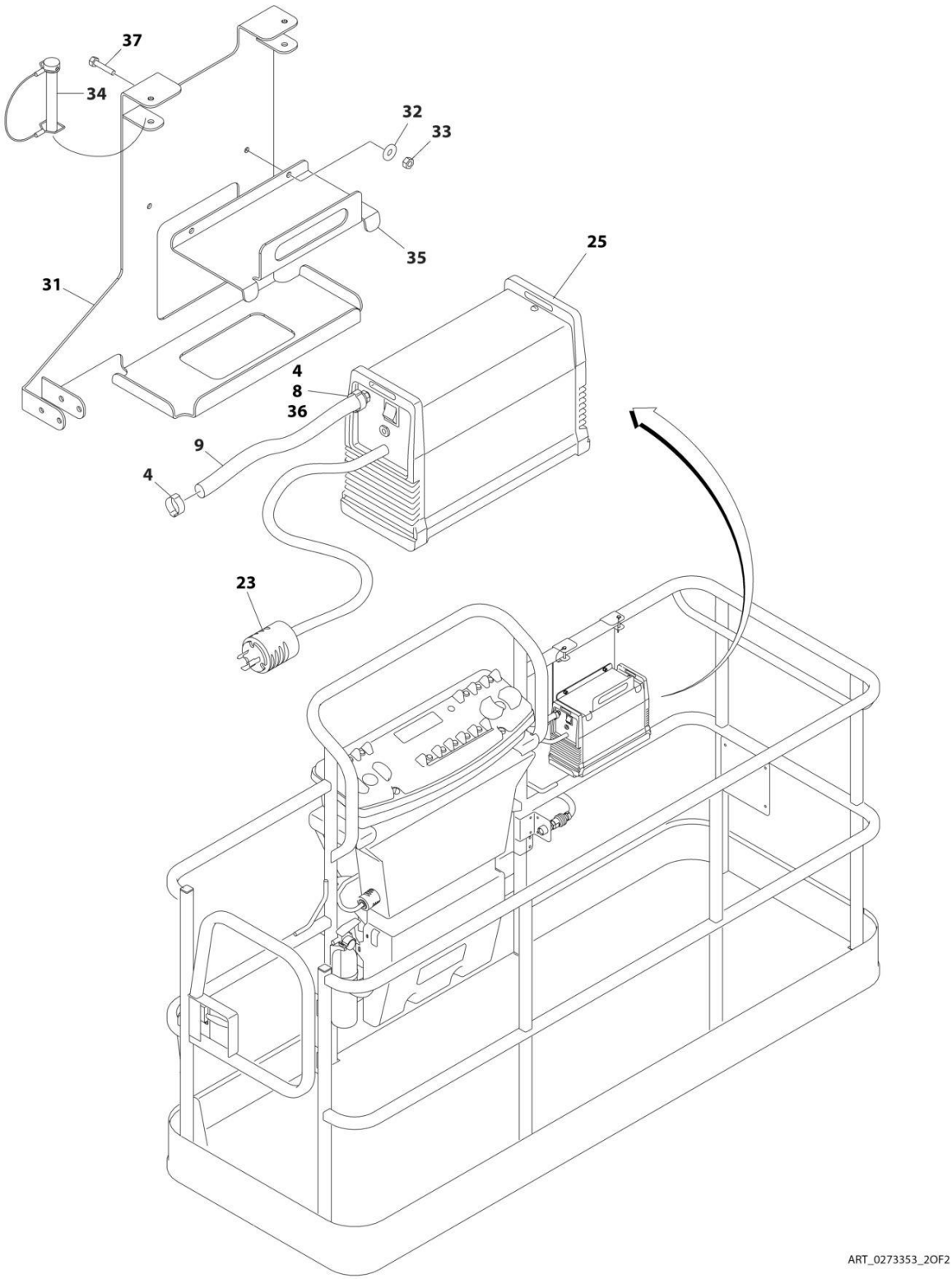


## FIGURE 5-35. SKYGLAZIER INSTALLATION (UNIVERSAL LANGUAGE) (ANSI, ANSI EXPORT, CSA, AND AUSTRALIAN SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001172578 | Ref | SKYGLAZIER INSTALLATION | C |
| 1 | 0642012 | 2 | Bolt 5/8 x 1-1/2 | |
| 2 | 0642212 | 4 | Bolt 3/4 x 1-1/2 | |
| 3 | 2902212 | 1 | Bumpers and Strap Kit | |
| 3 | 0940102 | 1 | Bumper Only | |
| 3 | 4240149 | 1 | Strap Only | |
| 4 | 3312005 | 1 | Nut 5/8 | |
| 5 | 3312205 | 4 | Nut 3/4 | |
| 6 | 4420014 | AR | Tape | |
| 7 | 4712000 | 6 | Washer 5/8 | |
| 8 | 4712200 | 8 | Washer 3/4 | |
| 9 | 1001099366 | 1 | Support | |
| 10 | 1001099367 | 1 | Support | |
| 13 | 1001172577 | 1 | Tray Assembly (See Items 101-109 for Breakdown) | |
| 14 | 8310129 | 2 | Bolt 3/4 x 2-1/2 | |
| | 1001172577 | Ref | TRAY ASSEMBLY | C |
| 101 | 0100081 | AR | Adhesive | |
| 102 | 1120555 | 2 | Cap, Tube | |
| 103 | 1701509 | 1 | Decal - Manual | |
| 104 | See Note | NSS | Nameplate - Serial Number (Note: Not Available for Purchase) | |
| 106 | 3340956 | 1 | Pad Kit | |
| 107 | 3460334 | 1 | Tube | |
| 108 | 3520071 | 2 | Plug | |
| 109 | 4420066 | AR | Tape, Double Sided | |

## FIGURE 5-36. SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ)

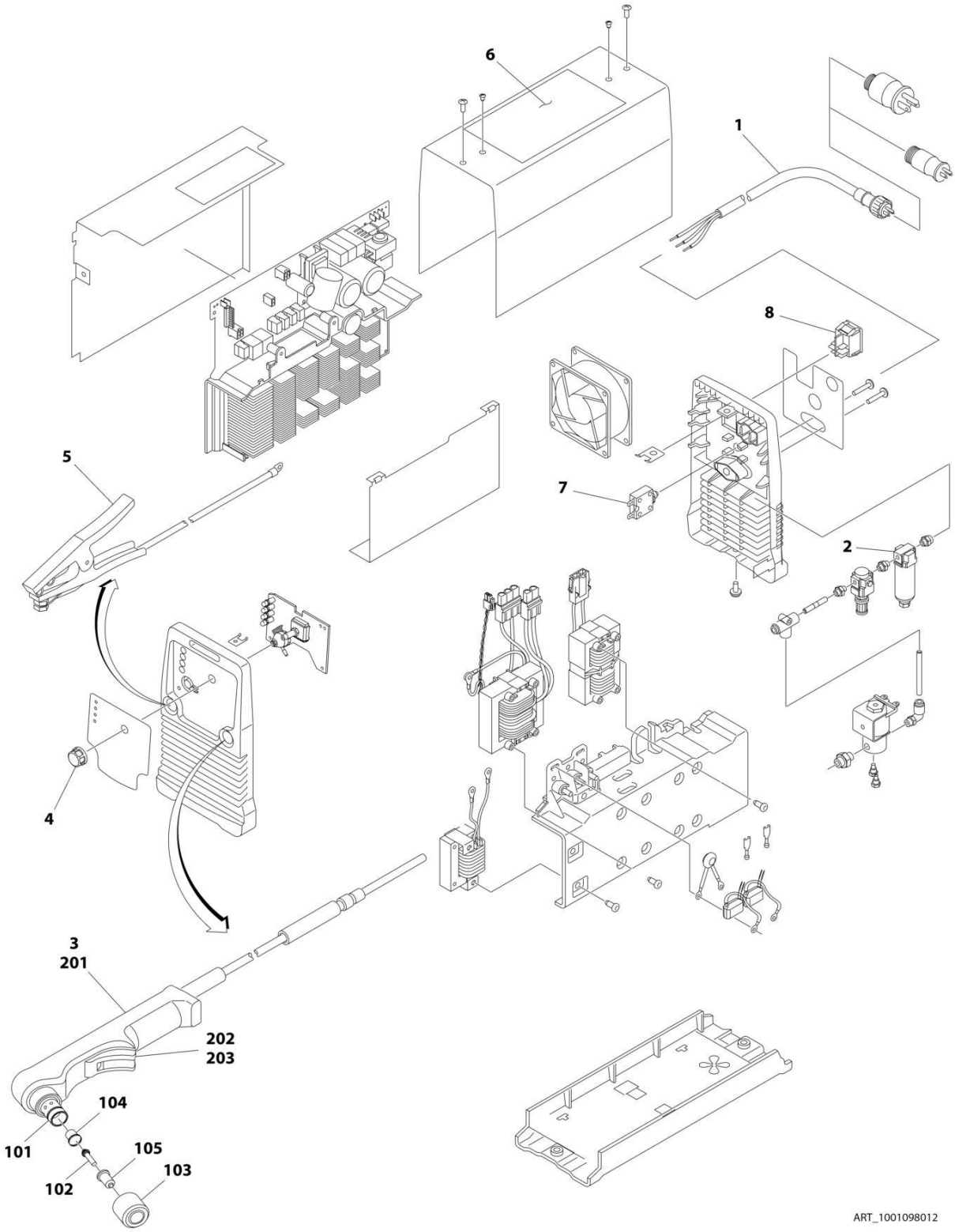



37
34
32
33
35
25
31
4
8
36
9
4
23
ART_0273353_2OF2

## FIGURE 5-36. SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0273353 | Ref | SKYWELDER/SKYCUTTER COMBO INSTALLATION (60HZ) | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630518 | 2 | Screw #10 x 3/4 | |
| 3 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 4 | 1320177 | 2 | Clamp | |
| 5 | 1320302 | 2 | Clamp | |
| 6 | 1671093 | 1 | Cover, Plug | |
| 7 | 2030010 | 1 | Extinguisher, Fire | |
| 8 | 2180832 | 1 | Fitting, Barbed/NPT | |
| 9 | 2720160 | 4.5 ft /1.37m | Hose | |
| 10 | 2902217 | 1 | Weld Leads Kit | |
| 11 | 3300151 | 4 | Nut 1/4 | |
| 12 | 3311005 | 2 | Nut #10 | |
| 13 | 3311605 | 4 | Nut 3/8 | |
| 14 | 3573400 | 1 | Bracket | |
| 15 | 3577121 | 2 | Angle | |
| 16 | 3573642 | 1 | Plate | |
| 20 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 21 | 4420037 | 2.36 ft /.71m | Tape | |
| 22 | 4460962 | 1 | Plug, Twist Lock | |
| 23 | 4460971 | 1 | Plug, Twist Lock | |
| 24 | 4530028 | 1 | Welder Assembly (See Separate Breakdown in this section) | |
| 25 | 1001098012 | 1 | Plasma Cutter Assembly (See Separate Breakdown in this Section) | |
| 26 | 4751400 | 4 | Washer 1/4 | |
| 27 | 4751600 | 8 | Washer 3/8 | |
| 29 | 4846627 | 1 | Support | |
| 31 | 1001145405 | 1 | Bracket | |
| 32 | 4811700 | 2 | Washer M6 | |
| 33 | 3290605 | 2 | Nut M6 | |
| 34 | 3421453 | 3 | Pin | |
| 35 | 3576799 | 1 | Plate, Hold-Down | |
| 36 | 0100020 | 1 | Sealant | |
| 37 | 4010608 | 2 | Screw M6 x 16 | |
| 38 | 4751000 | 2 | Washer #10 | |

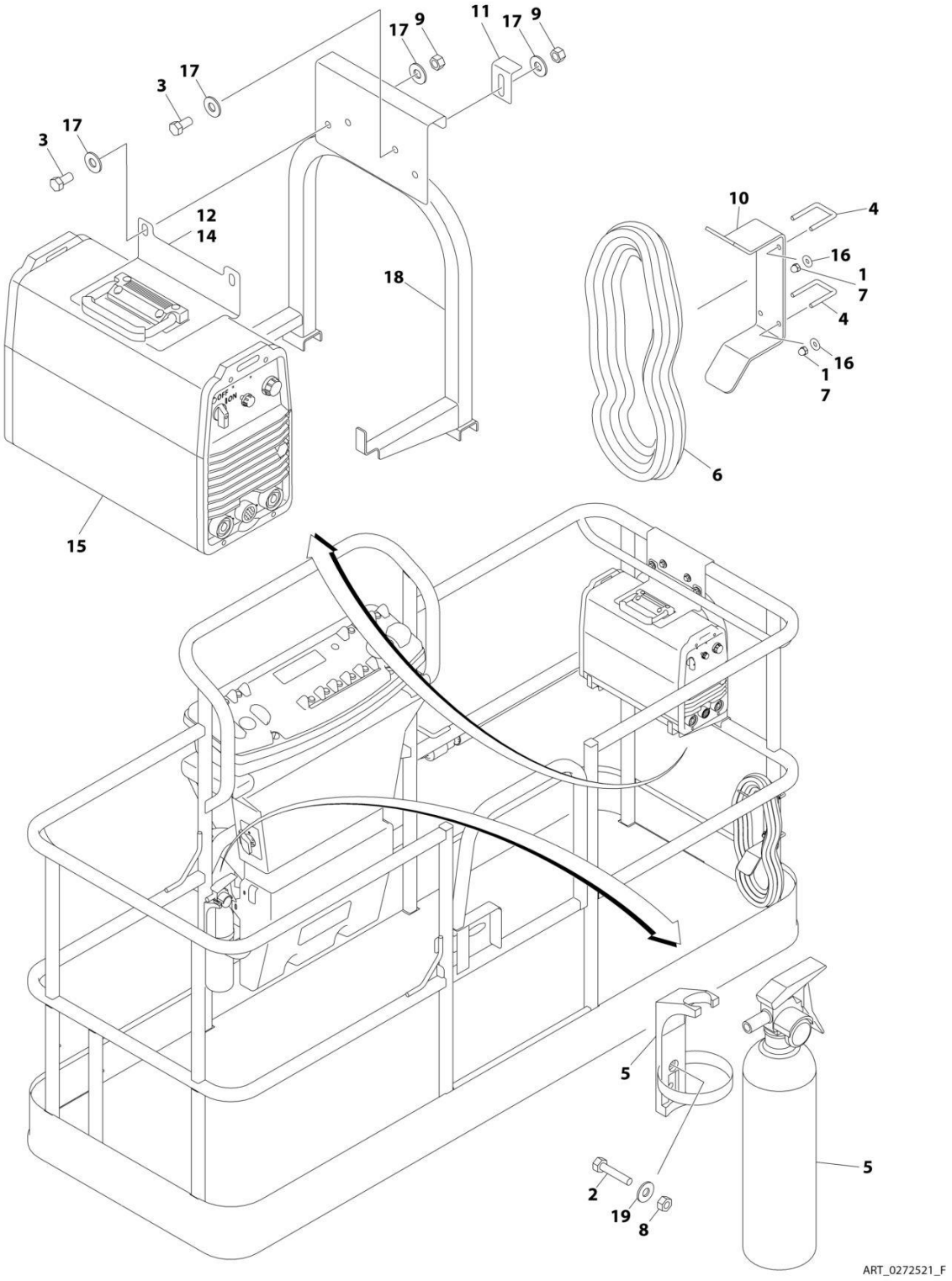
## FIGURE 5-37. PLASMA CUTTER ASSEMBLY



## FIGURE 5-37. PLASMA CUTTER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001098012 | Ref | PLASMA CUTTER ASSEMBLY | A |
| | | Ref | Note: For Other Components, contact your Miller Welder Dealer. | |
| 1 | 70001424 | 1 | Cable, Power | |
| 1 | 70001425 | 1 | Decal - Voltage Warning | |
| 2 | 70001427 | 1 | Filter, Regulator | |
| 3 | 70001428 | 1 | Torch Assembly (See Items 101-203 for Breakdown) | |
| 4 | 7024471 | 1 | Knob | |
| 5 | 70001429 | 1 | Clamp with Cable | |
| 6 | 70001430 | 1 | Decal - Caution | |
| 7 | 70001431 | 1 | Breaker, Circuit | |
| 8 | 70001432 | 1 | Switch, Rocker | |
| | 70001428 | Ref | TORCH ASSEMBLY | |
| 101 | 7024530 | 1 | O-Ring | |
| 102 | 7024531 | 1 | Electrode | |
| 103 | 7024532 | 1 | Cup, Retaining | |
| 104 | 7024533 | 1 | Swirl Ring | |
| 105 | 7024534 | 1 | Tip | |
| 201 | 7024535 | 1 | Handle, Torch | |
| 202 | 7024536 | 1 | Switch | |
| 203 | 7024537 | 1 | Trigger | |

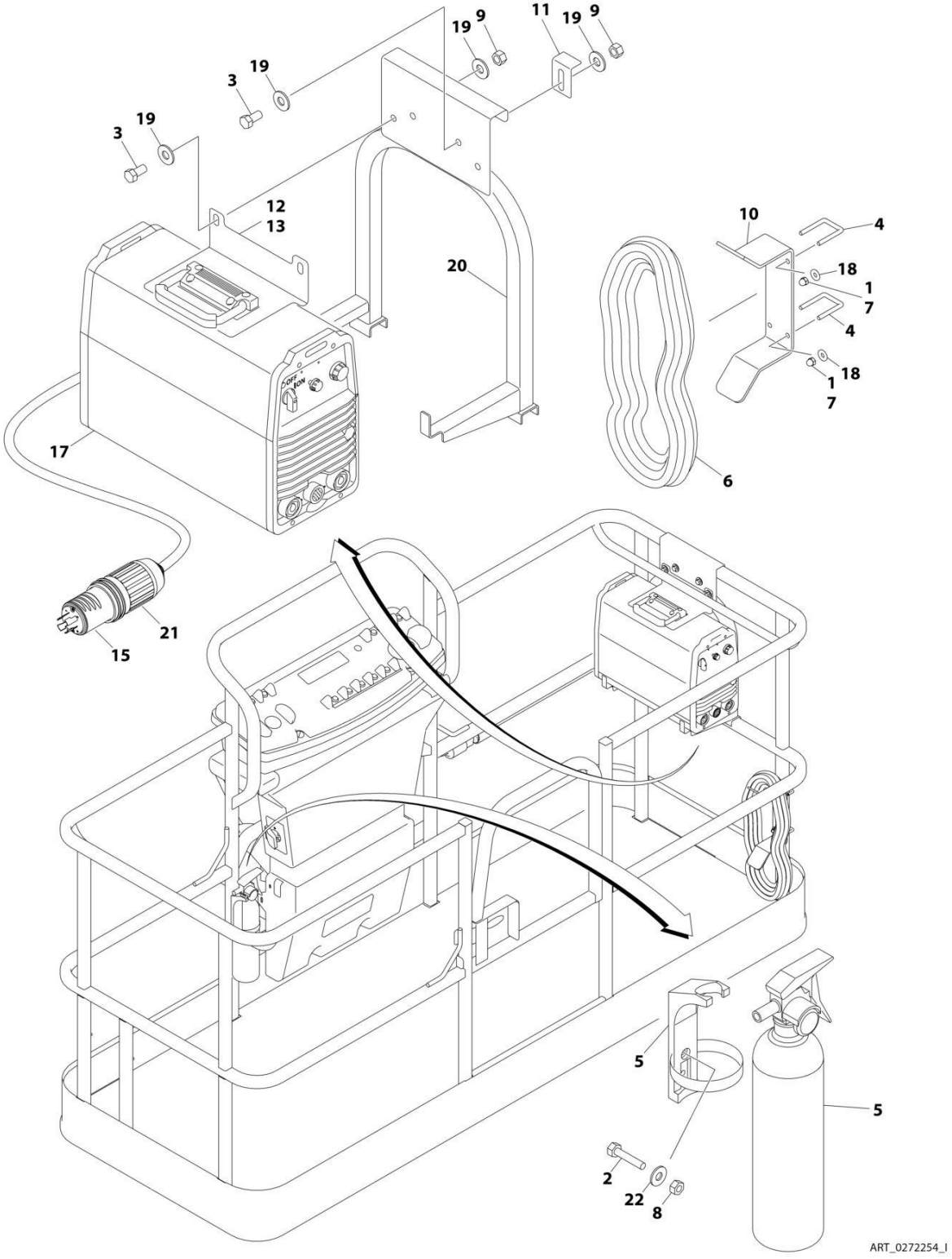
## FIGURE 5-38. SKYWELDER INSTALLATION (50HZ)



## FIGURE 5-38. SKYWELDER INSTALLATION (50HZ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272521 | Ref | SKYWELDER INSTALLATION | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630518 | 2 | Screw #10 x 3/4 | |
| 3 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 4 | 1320302 | 2 | U-Clamp | |
| 5 | 2030010 | 1 | Extinguisher, Fire | |
| 6 | 2902217 | 1 | Weld Leads Kit | |
| 7 | 3300151 | 4 | Nut 1/4 | |
| 8 | 3311005 | 2 | Nut #10 | |
| 9 | 3311605 | 4 | Nut 3/8 | |
| 10 | 3573400 | 1 | Bracket | |
| 11 | 3577121 | 2 | Angle | |
| 12 | 3573642 | 1 | Plate | |
| 13 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 14 | 4420037 | AR | Tape | |
| 15 | 4530028 | 1 | Welder Assembly (See Separate Breakdown in this Section) | |
| 16 | 4751400 | 4 | Washer 1/4 | |
| 17 | 4751600 | 8 | Washer 3/8 | |
| 18 | 4846627 | 1 | Support | |
| 19 | 4751000 | 2 | Washer #10 | |

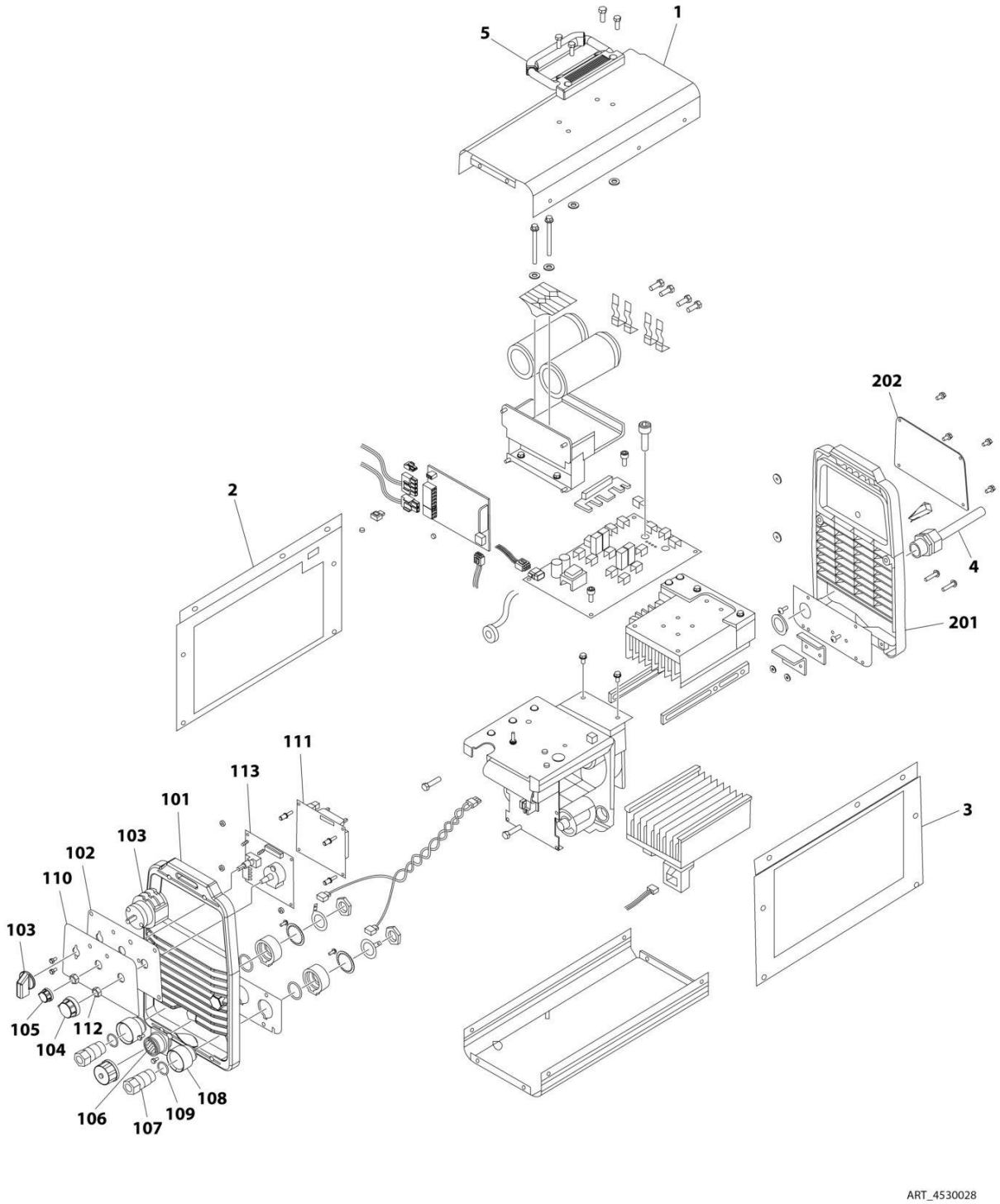
## FIGURE 5-39. SKYWELDER INSTALLATION (60HZ)



## FIGURE 5-39. SKYWELDER INSTALLATION (60HZ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272254 | Ref | SKYWELDER INSTALLATION | I |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630518 | 2 | Screw #10 x 3/4 | |
| 3 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 4 | 1320302 | 2 | U-Clamp | |
| 5 | 2030010 | 1 | Extinguisher, Fire | |
| 6 | 2902217 | 1 | Weld Leads Kit | |
| 7 | 3300151 | 4 | Nut 1/4 | |
| 8 | 3311005 | 2 | Nut #10 | |
| 9 | 3311605 | 4 | Nut 3/8 | |
| 10 | 3573400 | 1 | Bracket | |
| 11 | 3577121 | 2 | Angle | |
| 12 | 3573642 | 1 | Plate | |
| 13 | 4420037 | AR | Tape | |
| 14 | 4240099 | AR | Tie-Strap (Not Shown) | |
| 15 | 4460962 | 1 | Plug, Male Twistlock | |
| 17 | 4530028 | 1 | Welder Assembly (See Separate Breakdown in this Section) | |
| 18 | 4751400 | 4 | Washer 1/4 | |
| 19 | 4751600 | 8 | Washer 3/8 | |
| 20 | 4846627 | 1 | Support | |
| 21 | 1671093 | 1 | Cover, Plug | |
| 22 | 4751000 | 2 | Washer #10 | |

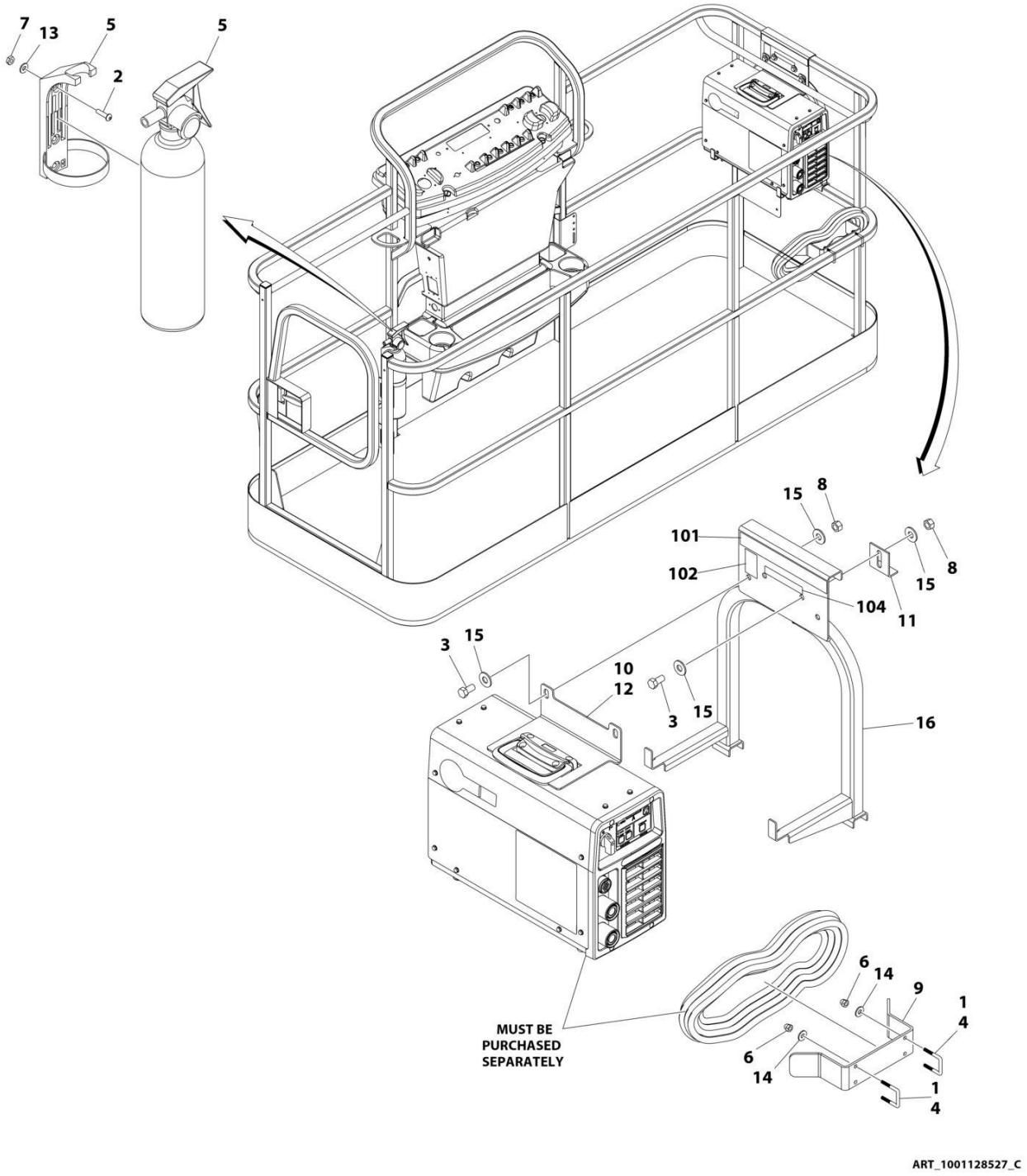
## FIGURE 5-40. WELDER ASSEMBLY



## FIGURE 5-40. WELDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4530028 | Ref | WELDER ASSEMBLY | B |
| | | Ref | Note: For Other Components, contact your Miller Welder Dealer. | |
| 1 | 7027773 | 1 | Cover, Top | |
| 1 | 7027774 | 1 | Decal - Static Precautionary Warning | |
| 2 | See Note | NSS | Panel, LH Side (Note: Part of Item 1. Purchase Item 1) | |
| 3 | See Note | NSS | Panel, RH Side (Note: Part of Item 1. Purchase Item 1) | |
| 4 | 7024467 | 1 | Cable, Power | |
| 4 | 7027775 | 1 | Decal - Electrical Shock Warning (Not Shown) | |
| 5 | 7027776 | 1 | Handle, Carrying | |
| 101 | 7024462 | 1 | Panel, Front | |
| 102 | 7024463 | 1 | Panel, Console | |
| 103 | 7024469 | 1 | Switch with Lead | |
| 104 | 7024470 | 1 | Knob | |
| 105 | 7024471 | 1 | Knob | |
| 106 | 7024472 | 1 | Receptacle with Leads and Plugs | |
| 107 | 7024473 | 2 | Receptacle, Twistlock Female | |
| 108 | 7024474 | 2 | Insulator | |
| 109 | 7024475 | 2 | O-Ring | |
| 110 | 7027777 | 1 | Nameplate | |
| 111 | 7027779 | 1 | Circuit Card Assembly (Process Control) | |
| 112 | 7024478 | 2 | Nut | |
| 113 | 7027778 | 1 | Circuit Card Assembly (Operator Interface) | |
| 201 | 7024462 | 1 | Panel, Rear | |
| 202 | 7027780 | 1 | Panel, Cover | |

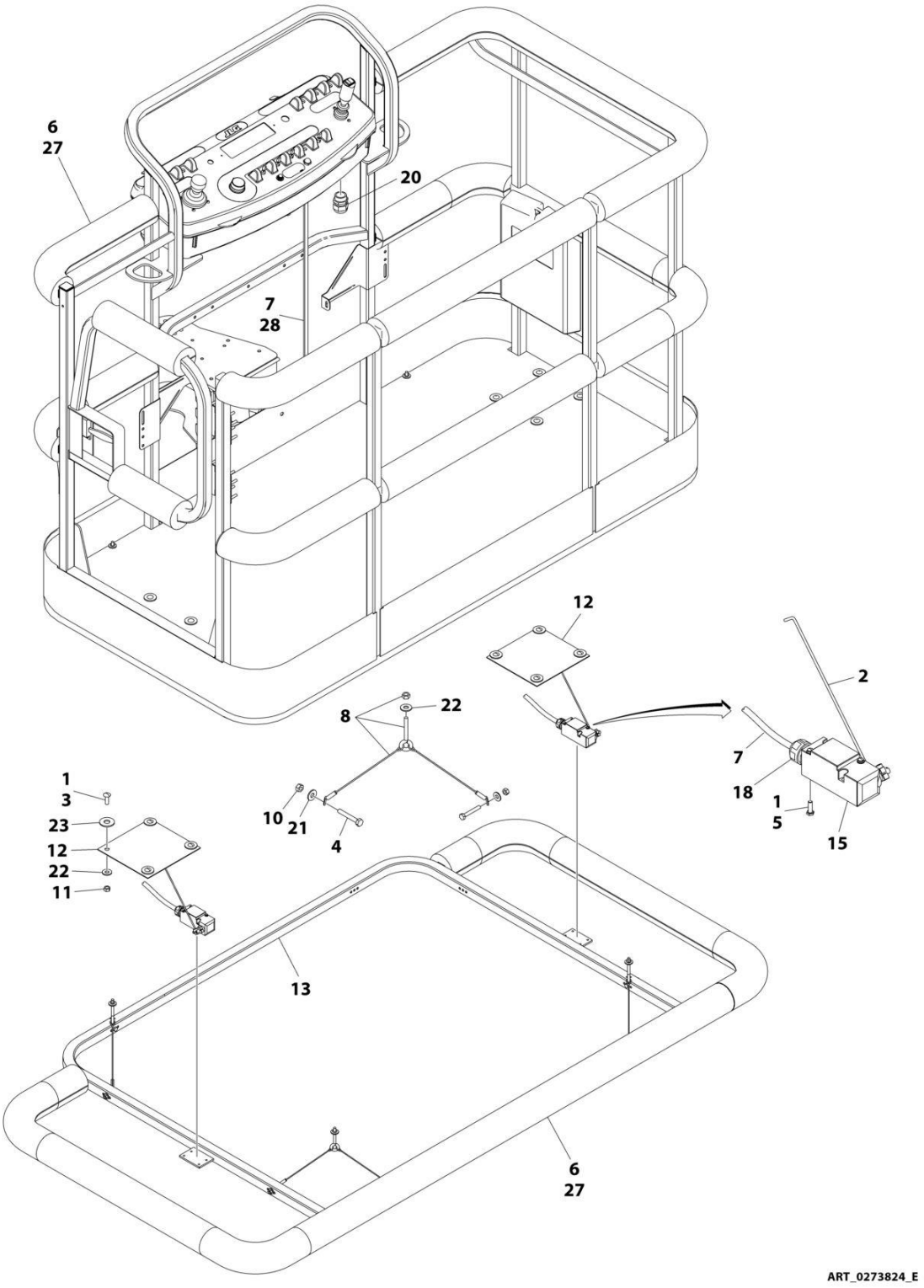
## FIGURE 5-41. SKYWELDER PREP PACKAGE (60HZ)



## FIGURE 5-41. SKYWELDER PREP PACKAGE (60HZ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001128527 | Ref | SKYWELDER PREP PACKAGE | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630518 | 2 | Screw #10 x 3/4 | |
| 3 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 4 | 1320302 | 2 | U-Clamp | |
| 5 | 2030010 | 1 | Extinguisher, Fire | |
| 6 | 3300151 | 4 | Nut 1/4 | |
| 7 | 3311005 | 2 | Nut #10 | |
| 8 | 3311605 | 4 | Nut 3/8 | |
| 9 | 3573400 | 1 | Bracket | |
| 10 | 1001269573 | 1 | Plate | |
| 11 | 3577121 | 2 | Angle | |
| 12 | 4420037 | AR | Tape | |
| 13 | 4751000 | 2 | Washer #10 | |
| 14 | 4751400 | 4 | Washer 1/4 | |
| 15 | 4751600 | 8 | Washer 3/8 | |
| 16 | 1001269322 | 1 | Support | |
| | 1001128556 | Ref | SKYWELDER DECAL INSTALLATION | D |
| 101 | 1702868 | 1 | Decal - No Hands | |
| 102 | 1705305 | 1 | Decal - Weld Lead | |
| 104 | 1001228988 | 1 | Decal - Weight | |

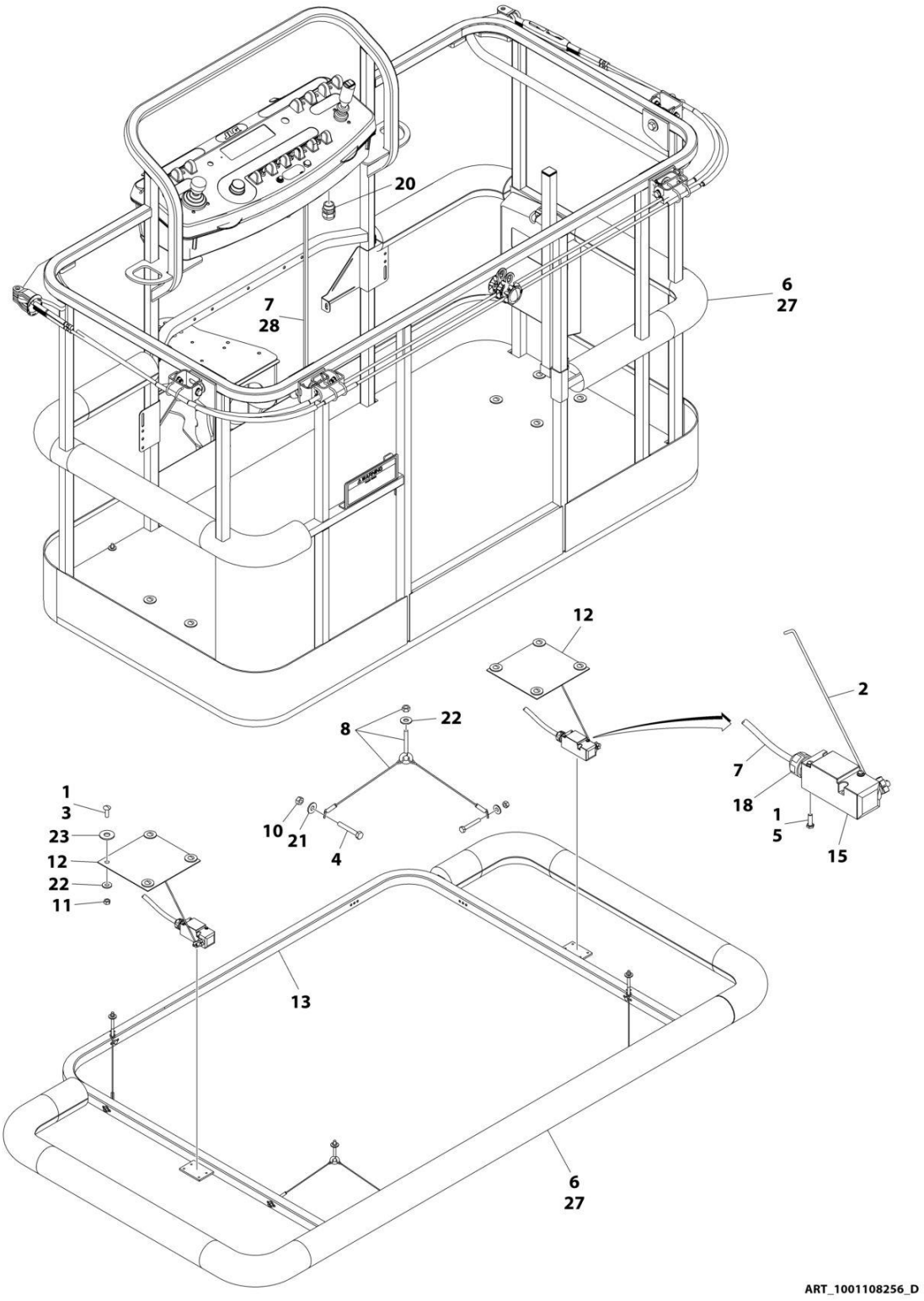
## FIGURE 5-42. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M PLATFORM



## FIGURE 5-42. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0273824 | Ref | SOFT TOUCH SYSTEM INSTALLATION | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200048 | 2 | Arm, Switch | |
| 3 | 0630462 | 8 | Bolt | |
| 4 | 0641414 | 8 | Bolt 1/4 x 1-3/4 | |
| 5 | 0731005 | 4 | Bolt #10 x 5/8 | |
| 6 | 0940134 | 1 | Bumper Kit (Includes Corners and Enough Straight Material for One Platform) | |
| 6 | 0940092 | AR | Bumper (Corner) | |
| 6 | 0940094 | AR | Bumper (12ft Length) | |
| 7 | 1060341 | 23 ft/7m | Cable, Soft Touch - 16/2 | |
| 8 | 1060903 | 4 | Wire Rope and Eyebolt Assembly | |
| 10 | 3311401 | 8 | Nut 1/4 | |
| 11 | 3311501 | 8 | Nut 5/16 | |
| 12 | 3575359 | 2 | Plate, Switch Strike | |
| 13 | 3641569 | 1 | Rail, Soft Touch | |
| 14 | 4240099 | 7 | Tie-Strap (Not Shown) | |
| 15 | 4360057 | 2 | Switch, Limit | |
| 18 | 4460049 | 2 | Connector, Strain Relief | |
| 19 | 4460234 | 7 | Tie-Strap (Not Shown) | |
| 20 | 4460425 | 1 | Connector, Strain Relief | |
| 21 | 4751400 | 8 | Washer 1/4 | |
| 22 | 4751500 | 12 | Washer 5/16 | |
| 23 | 4751800 | 8 | Washer 1/2 | |
| 27 | 1001197017 | AR | Tie-Strap | |
| 28 | 4460226 | 4 | Socket | |

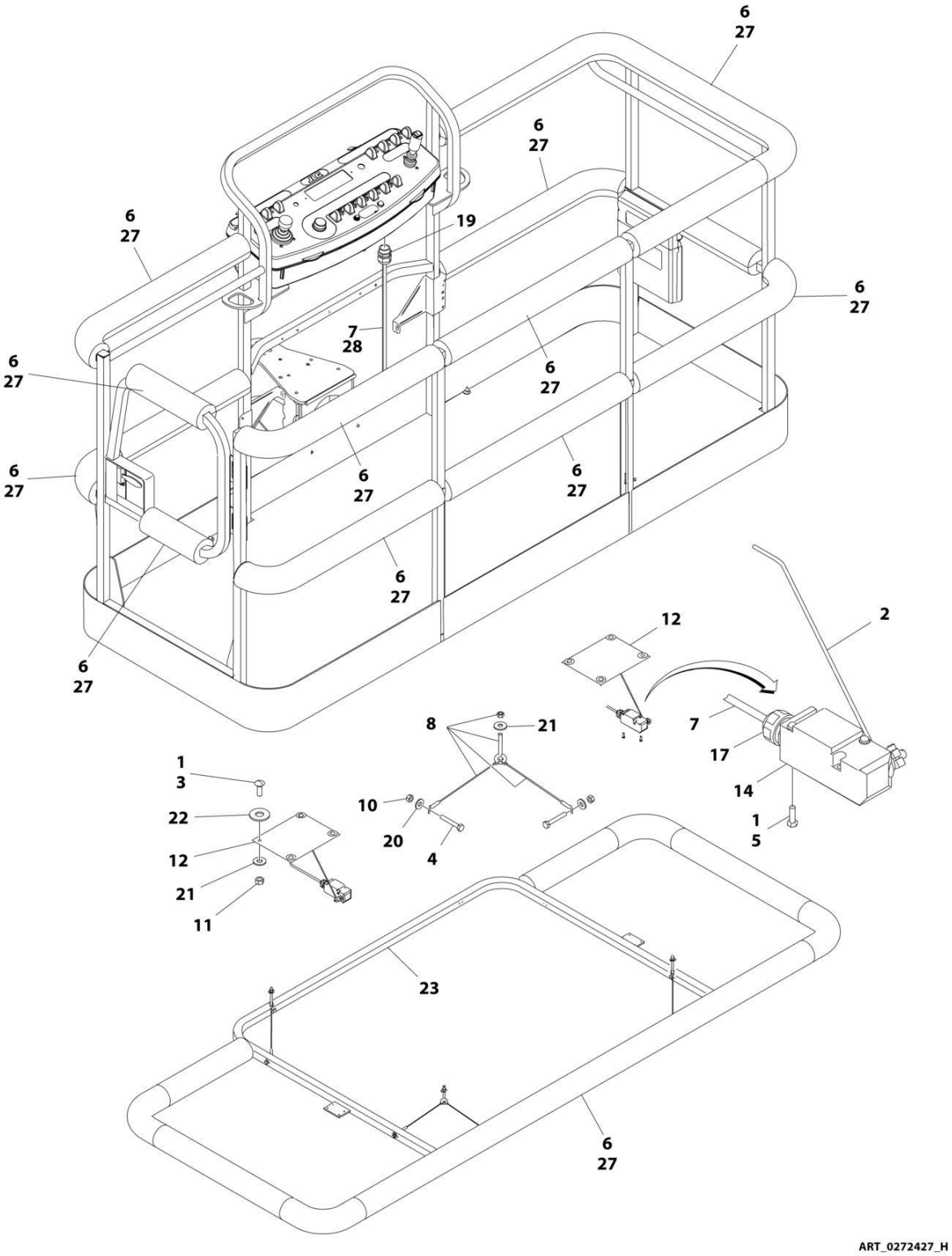
## FIGURE 5-43. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M FALL ARREST PLATFORM



## FIGURE 5-43. SOFT TOUCH SYSTEM INSTALLATION - 6FT/1.83M FALL ARREST PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001108256 | Ref | SOFT TOUCH INSTALLATION | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200048 | 2 | Arm, Switch | |
| 3 | 0630462 | 8 | Bolt | |
| 4 | 0641414 | 8 | Bolt 1/4 x 1-3/4 | |
| 5 | 0731005 | 4 | Bolt #10 x 5/8 | |
| 6 | 0940177 | 1 | Bumper Kit (Includes Corners and Enough Straight Material for One Platform) | |
| 6 | 0940092 | 8 | Bumper (Corner) | |
| 6 | 0940094 | AR | Bumper (12ft Length) | |
| 7 | 1060341 | 23 ft/7m | Cable, Soft Touch - 16/2 | |
| 8 | 1060903 | 4 | Wire Rope and Eyebolt Assembly | |
| 10 | 3311401 | 8 | Nut 1/4 | |
| 11 | 3311501 | 8 | Nut 5/16 | |
| 12 | 3575359 | 2 | Plate, Switch Strike | |
| 13 | 3641569 | 1 | Rail, Soft Touch | |
| 14 | 4240099 | 7 | Tie-Strap (Not Shown) | |
| 15 | 4360057 | 2 | Switch, Limit | |
| 18 | 4460049 | 2 | Connector, Strain Relief | |
| 19 | 4460234 | 7 | Tie-Strap (Not Shown) | |
| 20 | 4460425 | 1 | Connector, Strain Relief | |
| 21 | 4751400 | 8 | Washer 1/4 | |
| 22 | 4751500 | 9 | Washer 5/16 | |
| 23 | 4751800 | 8 | Washer 1/2 | |
| 27 | 1001197017 | AR | Strap, Cable Tie (Yellow) | |
| 28 | 4460226 | 4 | Socket | |

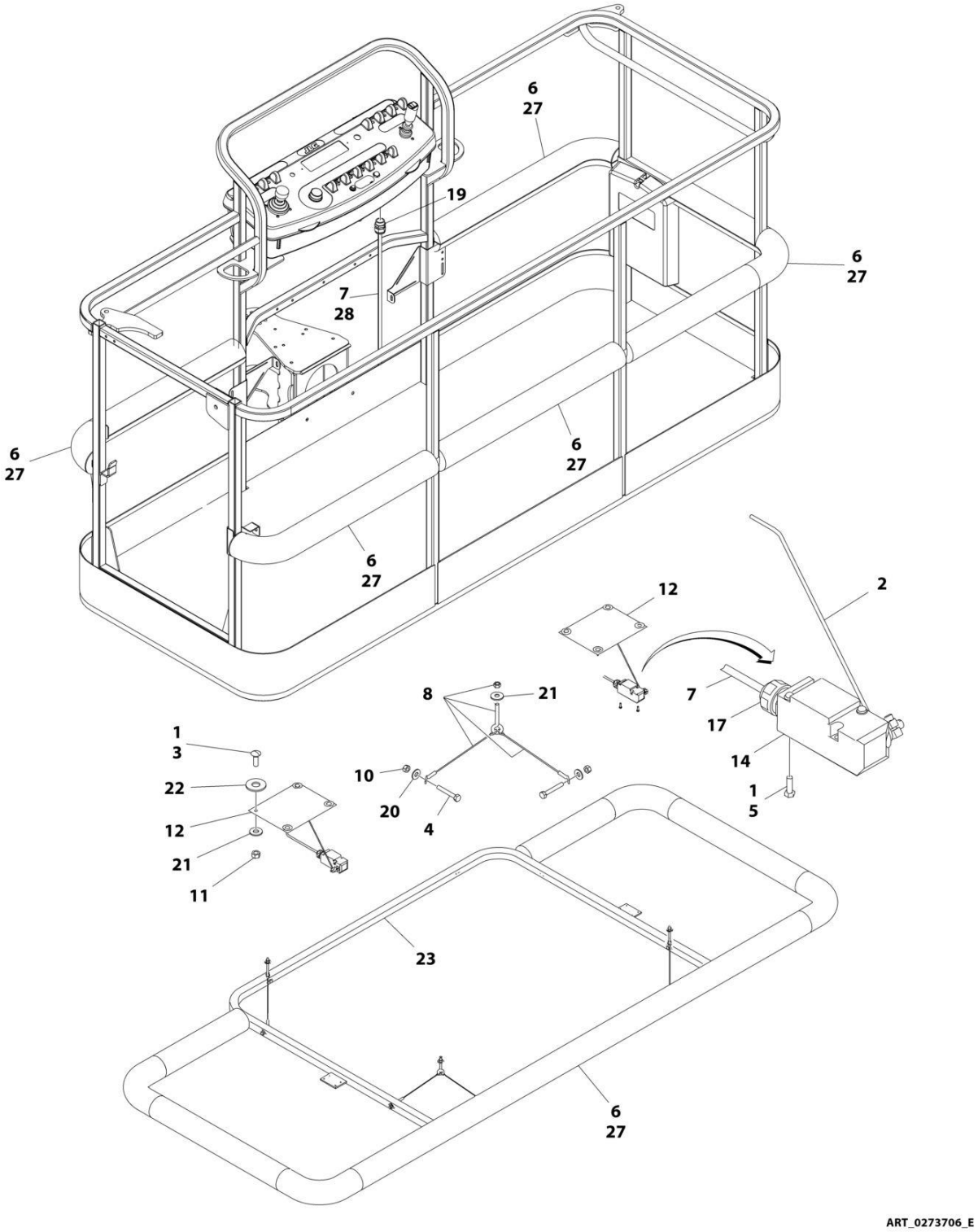
## FIGURE 5-44. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M PLATFORM



## FIGURE 5-44. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272427 | Ref | SOFT TOUCH INSTALLATION - 36IN X 8FT (91.5CM X 2.44M) PLATFORM | H |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200048 | 2 | Arm, Switch | |
| 3 | 0630462 | 8 | Bolt | |
| 4 | 0641414 | 8 | Bolt 1/4 x 1-3/4 | |
| 5 | 0721005 | 4 | Bolt #10 x 5/8 | |
| 6 | 0940103 | 1 | Bumper Kit (Includes Corners and Enough Straight Material for One Platform) | |
| 6 | 0940092 | 12 | Bumper (Corner) | |
| 6 | 0940094 | AR | Bumper (12ft Length) | |
| 7 | 1060341 | 23 ft/7m | Cable, Soft Touch - 16/2 | |
| 8 | 1060903 | 4 | Wire Rope and Eyebolt Assembly | |
| 10 | 3311401 | 8 | Nut 1/4 | |
| 11 | 3311501 | 8 | Nut 5/16 | |
| 12 | 3574091 | 2 | Plate, Switch Strike | |
| 13 | 4240099 | 7 | Tie-Strap (Not Shown) | |
| 14 | 4360057 | 2 | Switch, Limit | |
| 17 | 4460049 | 2 | Connector, Strain Relief | |
| 18 | 4460234 | 7 | Tie-Strap (Not Shown) | |
| 19 | 4460425 | 1 | Connector, Strain Relief | |
| 20 | 4751400 | 8 | Washer 1/4 | |
| 21 | 4751500 | 12 | Washer 5/16 | |
| 22 | 4751800 | 8 | Washer 1/2 | |
| 23 | 4846673 | 1 | Rail, Soft Touch | |
| 27 | 1001197017 | AR | Tie-Strap | |
| 28 | 4460226 | 1 | Socket | |

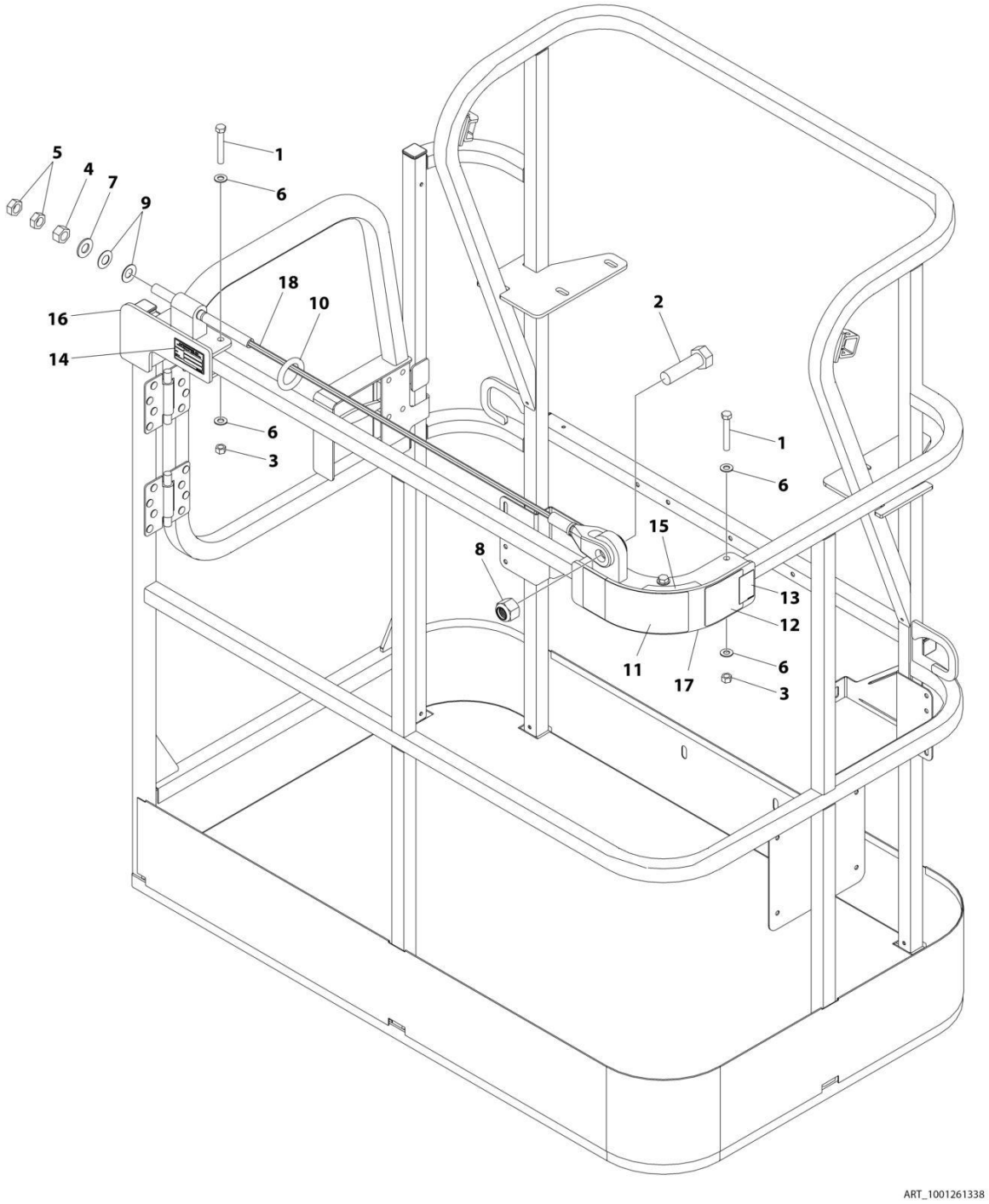
## FIGURE 5-45. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M FALL ARREST PLATFORM



## FIGURE 5-45. SOFT TOUCH SYSTEM INSTALLATION - 8FT/2.44M FALL ARREST PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0273706 | Ref | SOFT TOUCH INSTALLATION | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200048 | 2 | Arm, Switch | |
| 3 | 0630462 | 8 | Bolt | |
| 4 | 0641414 | 8 | Bolt 1/4 x 1-3/4 | |
| 5 | 0721005 | 4 | Bolt #10 x 5/8 | |
| 6 | 0940133 | 1 | Bumper Kit (Includes Corners and Enough Straight Material for One Platform) | |
| 6 | 0940092 | 8 | Bumper (Corner) | |
| 6 | 0940094 | AR | Bumper (12ft Length) | |
| 7 | 1060341 | 23 ft/7m | Cable, Soft Touch - 16/2 | |
| 8 | 1060903 | 4 | Wire Rope and Eyebolt Assembly | |
| 10 | 3311401 | 8 | Nut 1/4 | |
| 11 | 3311501 | 8 | Nut 5/16 | |
| 12 | 3574091 | 2 | Plate, Switch Strike | |
| 13 | 4240099 | 7 | Tie-Strap (Not Shown) | |
| 14 | 4360057 | 2 | Switch, Limit | |
| 17 | 4460049 | 2 | Connector, Strain Relief | |
| 18 | 4460234 | 7 | Tie-Strap (Not Shown) | |
| 19 | 4460425 | 1 | Connector, Strain Relief | |
| 20 | 4751400 | 8 | Washer 1/4 | |
| 21 | 4751500 | 12 | Washer 5/16 | |
| 22 | 4751800 | 8 | Washer 1/2 | |
| 23 | 4846673 | 1 | Rail, Soft Touch | |
| 27 | 1001197017 | AR | Tie-Strap | |
| 28 | 4460226 | 4 | Socket | |

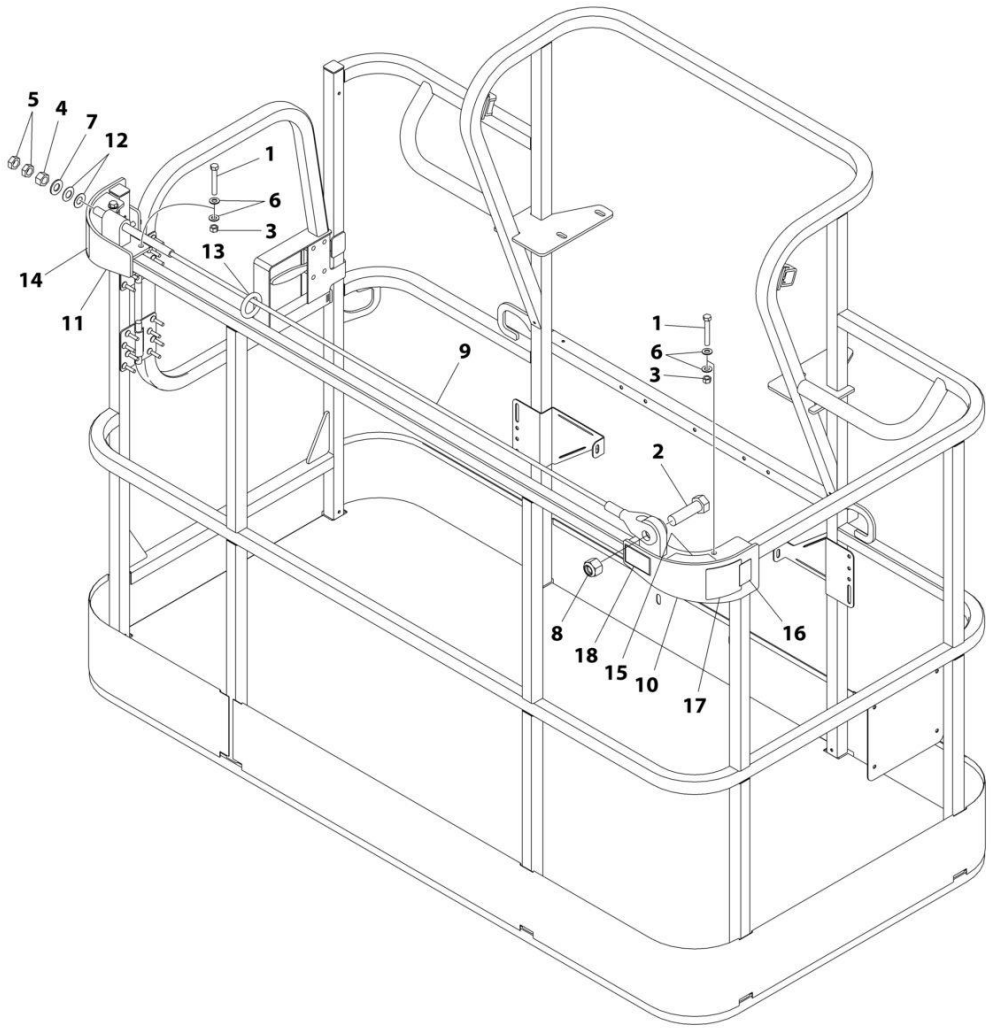
## FIGURE 5-46. FALL ARREST INSTALLATION (BOLT-ON) (4FT/1.22M PLATFORM)



## FIGURE 5-46. FALL ARREST INSTALLATION (BOLT-ON) (4FT/1.22M PLATFORM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001261338 | Ref | FALL ARREST INSTALLATION | A |
| 1 | 0681620 | 6 | Bolt 3/8 x 2-1/2 | |
| 2 | 0682424 | 1 | Bolt 7/8 x 3 | |
| 3 | 3271605 | 6 | Nut 3/8 | |
| 4 | 3272001 | 1 | Nut 5/8 | |
| 5 | 3312002 | 2 | Nut 5/8 | |
| 6 | 4711600 | 12 | Washer 3/8 | |
| 7 | 4712000 | 1 | Washer 5/8 | |
| 8 | 88521214 | 1 | Nut 7/8 | |
| 9 | 1001236891 | 2 | Washer | |
| 10 | 1001236895 | 1 | Ring | |
| 11 | 1001238263 | 1 | Decal - Warning Falling Hazard | |
| 12 | 1001248140 | 1 | Decal - Bolt Fall Arrest Re-Cert | |
| 13 | 1001248141 | 1 | Decal - Incription | |
| 14 | See Note | NSS | Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase) | |
| 15 | 1001252629 | 1 | Decal - Weight | |
| 16 | 1001257271 | 1 | Bracket (RH) | |
| 17 | 1001257274 | 1 | Bracket (LH) | |
| 18 | 1001261335 | 1 | Rope | |

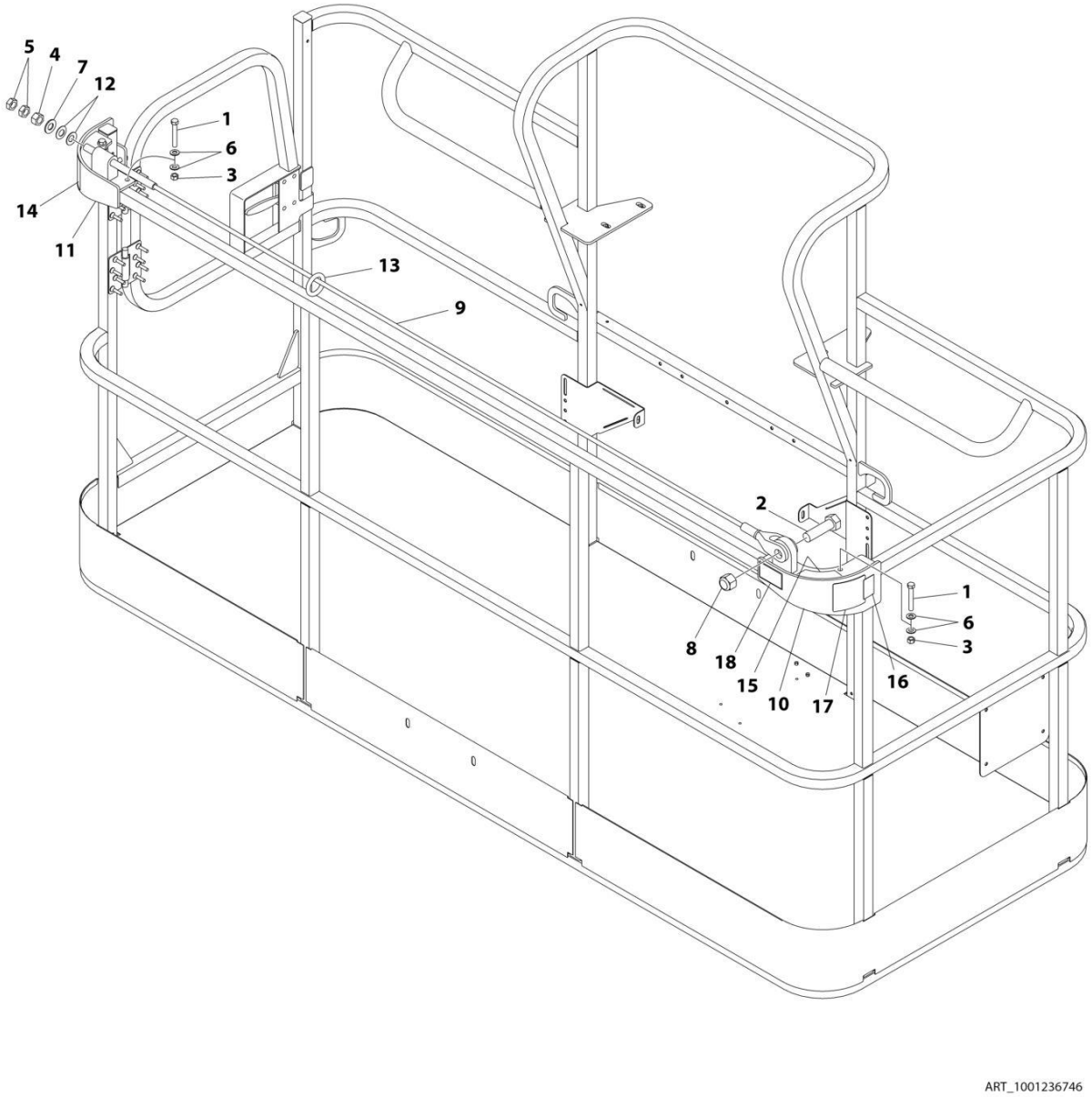
## FIGURE 5-47. FALL ARREST INSTALLATION (BOLT-ON) (6FT/1.82M PLATFORM)



## FIGURE 5-47. FALL ARREST INSTALLATION (BOLT-ON) (6FT/1.82M PLATFORM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236747 | Ref | FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM | C |
| 1 | 0681620 | 6 | Bolt 3/8 x 2-1/2 | |
| 2 | 0682424 | 1 | Bolt 7/8 x 3 | |
| 3 | 3271605 | 6 | Nut 3/8 | |
| 4 | 3272001 | 1 | Nut 5/8 | |
| 5 | 3312002 | 2 | Nut 5/8 | |
| 6 | 4711600 | 12 | Washer 3/8 | |
| 7 | 4712000 | 1 | Washer 5/8 | |
| 8 | 88521214 | 1 | Nut 7/8 | |
| 9 | 1001231950 | 1 | Rope | |
| 10 | 1001232010 | 1 | Bracket (RH) | |
| 11 | 1001232011 | 1 | Bracket (LH) | |
| 12 | 1001236891 | 2 | Washer | |
| 13 | 1001236895 | 1 | Ring | |
| 14 | 1001238263 | 1 | Decal - Warning Falling Hazard | |
| 15 | 1001252629 | 1 | Decal - Weight | |
| 16 | 1001248140 | 1 | Decal - Bolt Fall Arrest Re-Cert | |
| 17 | 1001248141 | 1 | Decal - Inscription | |

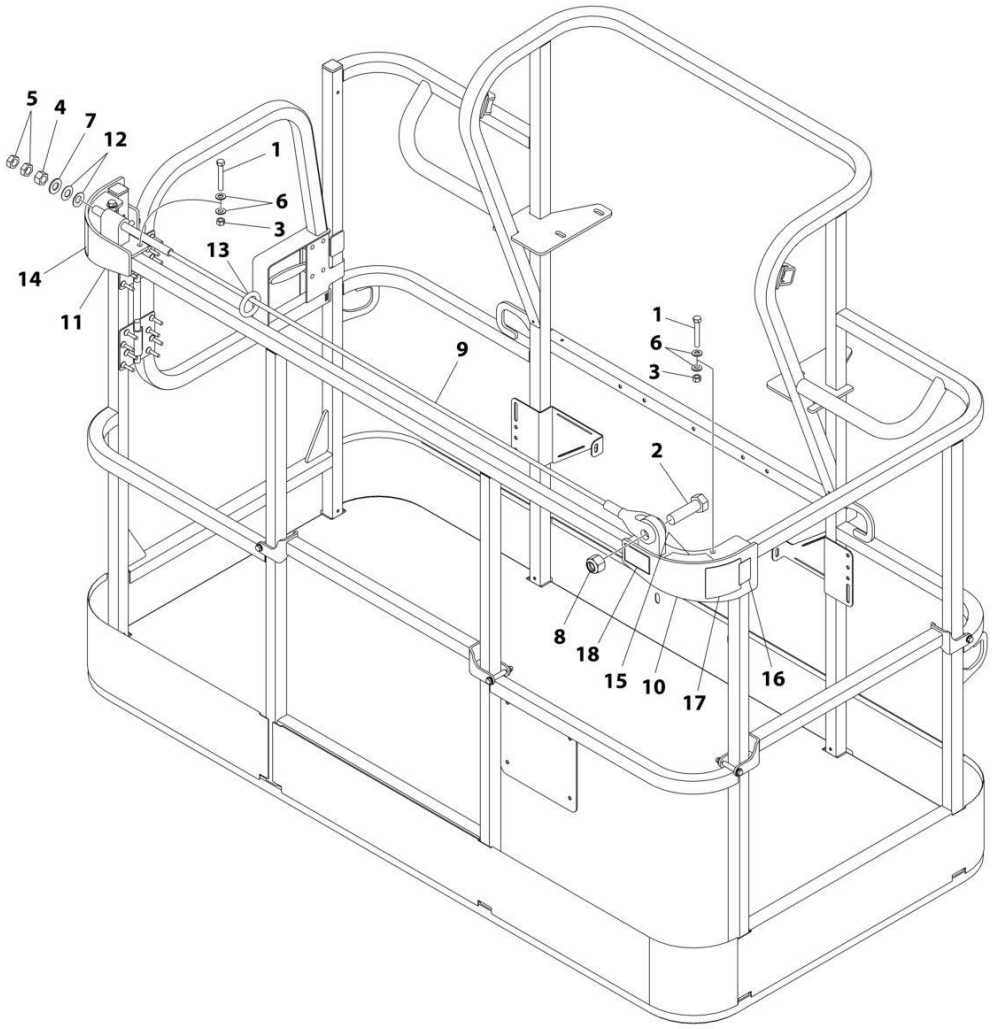
## FIGURE 5-48. FALL ARREST INSTALLATION (BOLT-ON) (8FT/2.4M PLATFORM)



## FIGURE 5-48. FALL ARREST INSTALLATION (BOLT-ON) (8FT/2.4M PLATFORM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236746 | Ref | FALL ARREST INSTALLATION (BOLT - ON) 8FT/2.4M PLATFORM | C |
| 1 | 0681620 | 6 | Bolt 3/8 x 2-1/2 | |
| 2 | 0682424 | 1 | Bolt 7/8 x 3 | |
| 3 | 3271605 | 6 | Nut 3/8 | |
| 4 | 3272001 | 1 | Nut 5/8 | |
| 5 | 3312002 | 2 | Nut 5/8 | |
| 6 | 4711600 | 12 | Washer 3/8 | |
| 7 | 4712000 | 1 | Washer 5/8 | |
| 8 | 88521214 | 1 | Nut 7/8 | |
| 9 | 1001231949 | 1 | Rope | |
| 10 | 1001232010 | 1 | Bracket (RH) | |
| 11 | 1001232011 | 1 | Bracket (LH) | |
| 12 | 1001236891 | 2 | Washer | |
| 13 | 1001236895 | 1 | Ring | |
| 14 | 1001238263 | 1 | Decal - Warning Falling Hazard | |
| 15 | 1001252629 | 1 | Decal - Weight 23LBS/10.4KG | |
| 16 | 1001248140 | 1 | Decal - Bolt Fall Arrest Re-Cert | |
| 17 | 1001248141 | 1 | Decal - Inscription | |

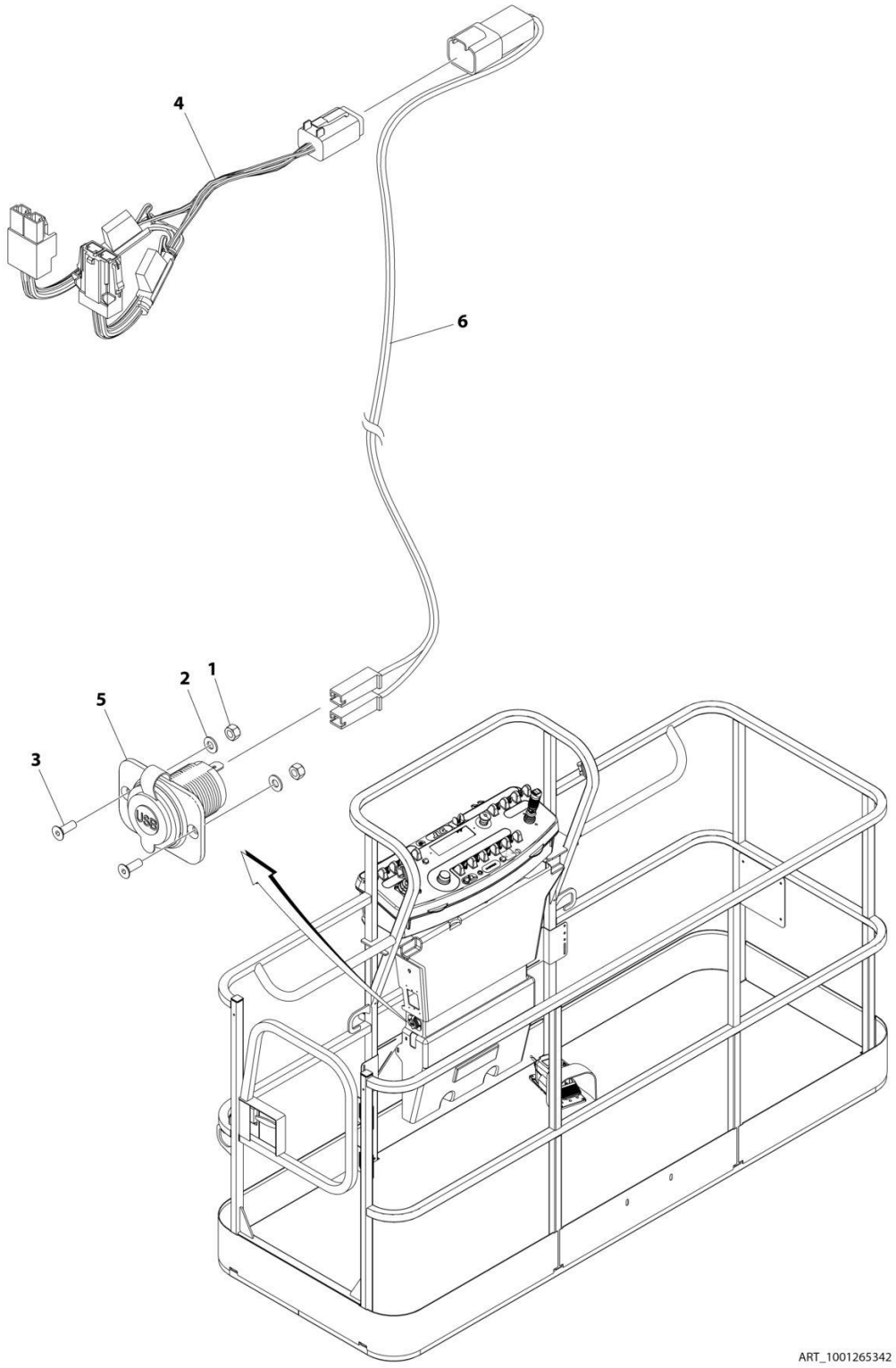
## FIGURE 5-49. FALL ARREST INSTALLATION (BOLT-ON) (6FT/1.82M TRI-ENTRY PLATFORM)



## FIGURE 5-49. FALL ARREST INSTALLATION (BOLT-ON) (6FT/1.82M TRI-ENTRY PLATFORM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238463 | Ref | FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM | C |
| 1 | 0681620 | 6 | Bolt 3/8 x 2-1/2 | |
| 2 | 0682424 | 1 | Bolt 7/8 x 3 | |
| 3 | 3271605 | 6 | Nut 3/8 | |
| 4 | 3272001 | 1 | Nut 5/8 | |
| 5 | 3312002 | 2 | Nut 5/8 | |
| 6 | 4711600 | 12 | Washer 3/8 | |
| 7 | 4712000 | 1 | Washer 5/8 | |
| 8 | 88521214 | 1 | Nut 7/8 | |
| 9 | 1001231950 | 1 | Rope | |
| 10 | 1001232010 | 1 | Bracket (RH) | |
| 11 | 1001232011 | 1 | Bracket (LH) | |
| 12 | 1001236891 | 2 | Washer | |
| 13 | 1001236895 | 1 | Ring | |
| 14 | 1001238263 | 1 | Decal - Warning Falling Hazard | |
| 15 | 1001252629 | 1 | Decal - Weight | |
| 16 | 1001248140 | 1 | Decal - Bolt Fall Arrest Re-Cert | |
| 17 | 1001248141 | 1 | Decal - Inscription | |

## FIGURE 5-50. USB CHARGER INSTALLATION



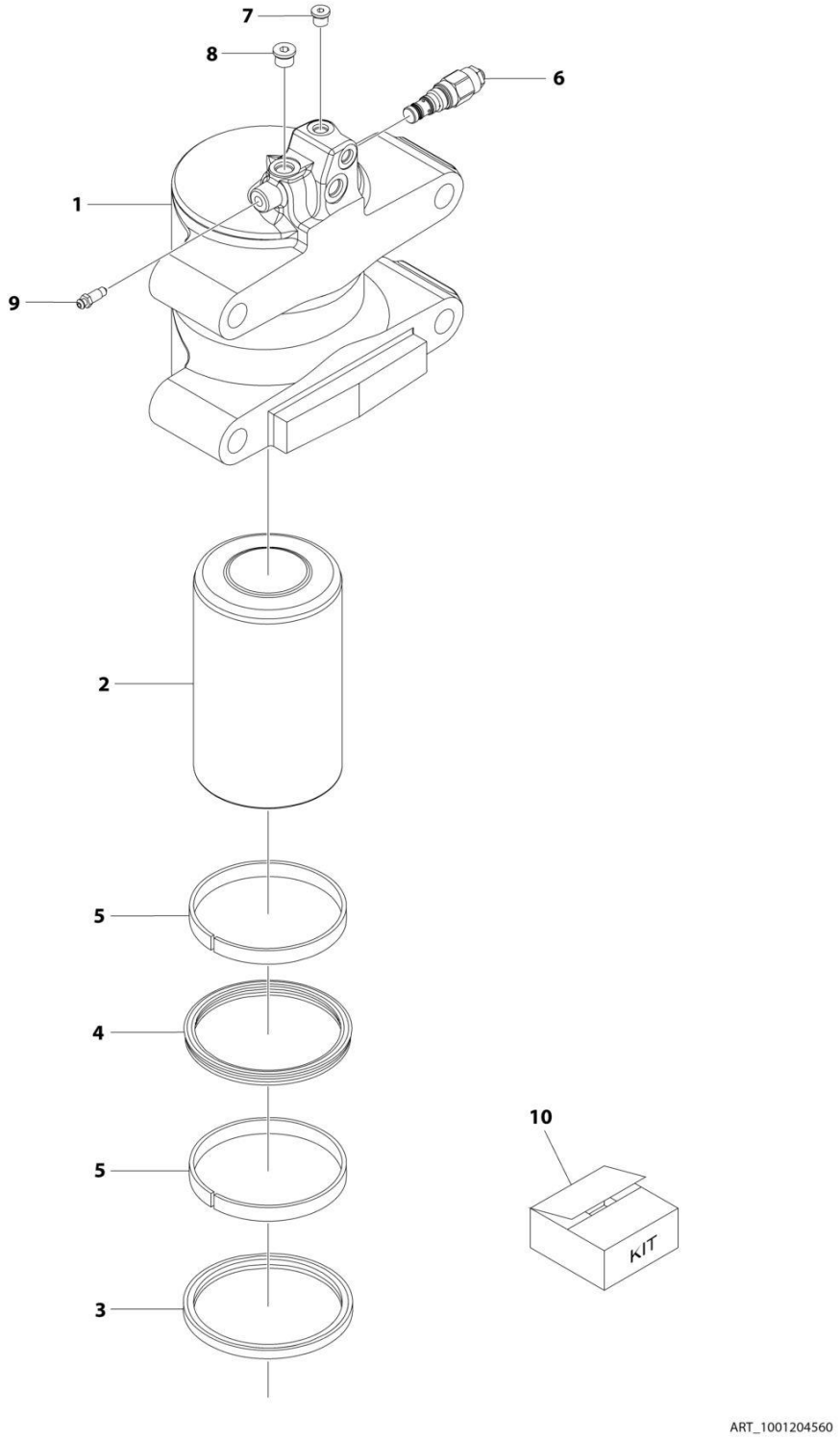
## FIGURE 5-50. USB CHARGER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001265342 | Ref | USB CHARGER INSTALLATION | A |
| 1 | 3290405 | 2 | Nut M4 | |
| 2 | 4811400 | 2 | Washer M4 | |
| 3 | 1001097244 | 2 | Screw M4 x 12 | |
| 4 | 1001120484 | 1 | Harness, Work Lights | |
| 4 | 4460879 | 1 | Plug, Male - 2 Position | |
| 4 | 4460887 | 2 | Terminal | |
| 4 | 2400060 | 2 | Fuseholder Includes Cover | |
| 4 | 8229249 | 2 | Fuse, 3 Amp | |
| 4 | 4460884 | 1 | Connector - 4 Position | |
| 4 | 4460465 | 4 | Socket, Female | |
| 4 | 1001120471 | 1 | Connector - 2 Position | |
| 4 | 1001120477 | 2 | Terminal | |
| 5 | 1001210636 | 1 | Receptacle, USB | |
| 6 | 1001265163 | 1 | Harness, USB | A |
| 6 | 4460260 | 2 | Cover, Terminal | |
| 6 | 4460259 | 2 | Terminal | |
| 6 | 4460932 | 1 | Receptacle, Bussbar - 4 Position | |
| 6 | 4460464 | 2 | Pin, Male | |
| 6 | 4460466 | 2 | Plug, Terminal | |

# SECTION 6 - CYLINDER

# SECTION 6 - CYLINDER

## FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 03)

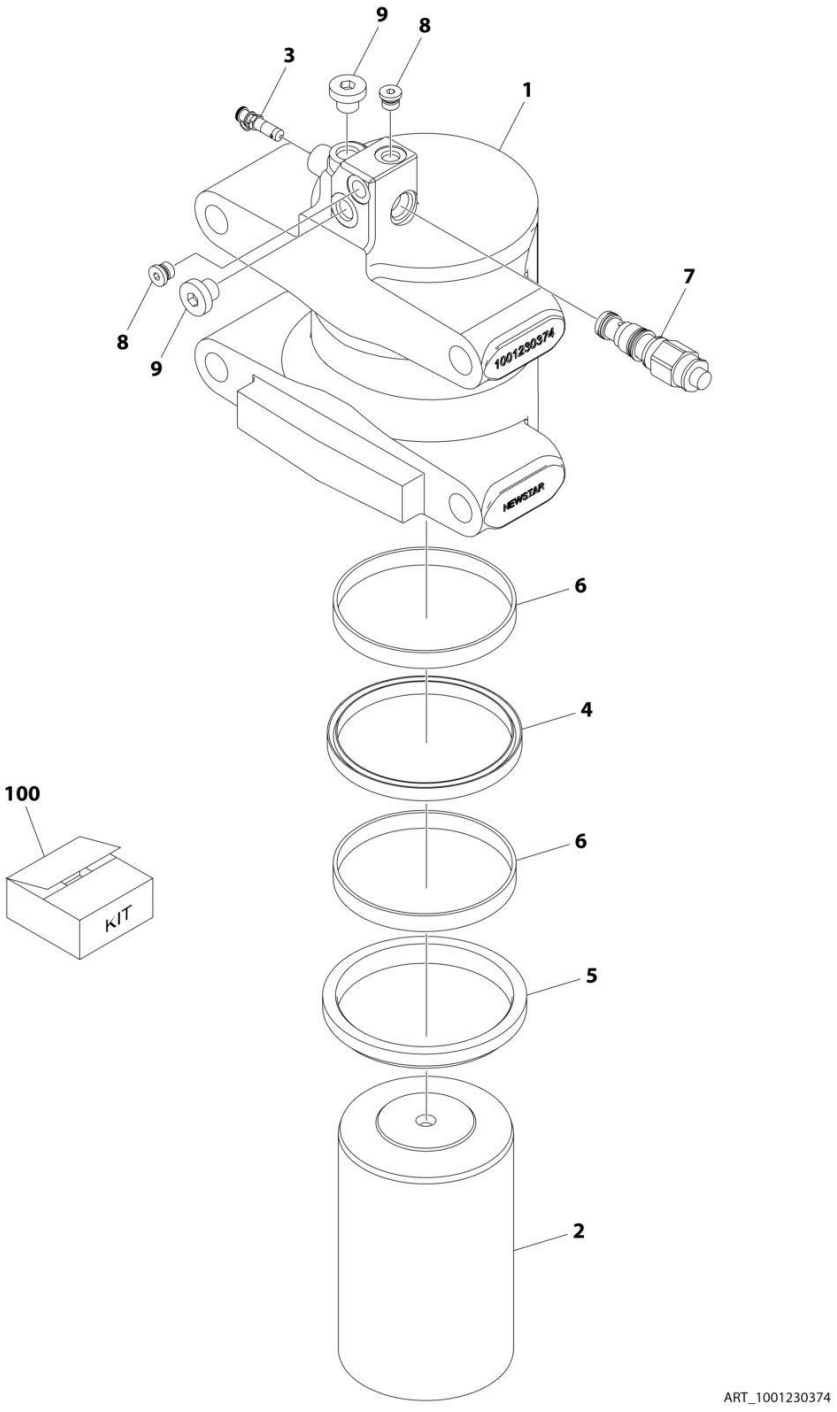


## FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204560 | Ref | AXLE LOCKOUT CYLINDER ASSEMBLY | D |
| 1 | 1001154126 | 1 | Barrel | |
| 2 | 1001154687 | 1 | Rod | |
| 3 | See Note | NSS | Wiper (Note: Use Item 10) | |
| 4 | See Note | NSS | Seal, Rod (Note: Use Item 10) | |
| 5 | See Note | NSS | Ring, Wear (Note: Use Item 10) | |
| 6 | 1001117372 | 1 | Cartridge, Valve (Counterbalance) | |
| 6 | 70002842 | 1 | Seal Kit - 1001117372 Valve (1 Per Assembly) | |
| 7 | 2220883 | 1 | Plug, O-Ring | |
| 8 | 2220885 | 1 | Plug, O-Ring | |
| 9 | 4640858 | 1 | Valve, Bleeder | |
| 10 | 1001098167 | 1 | Seal Kit (Includes Items 3-5) | |

# SECTION 6 - CYLINDER

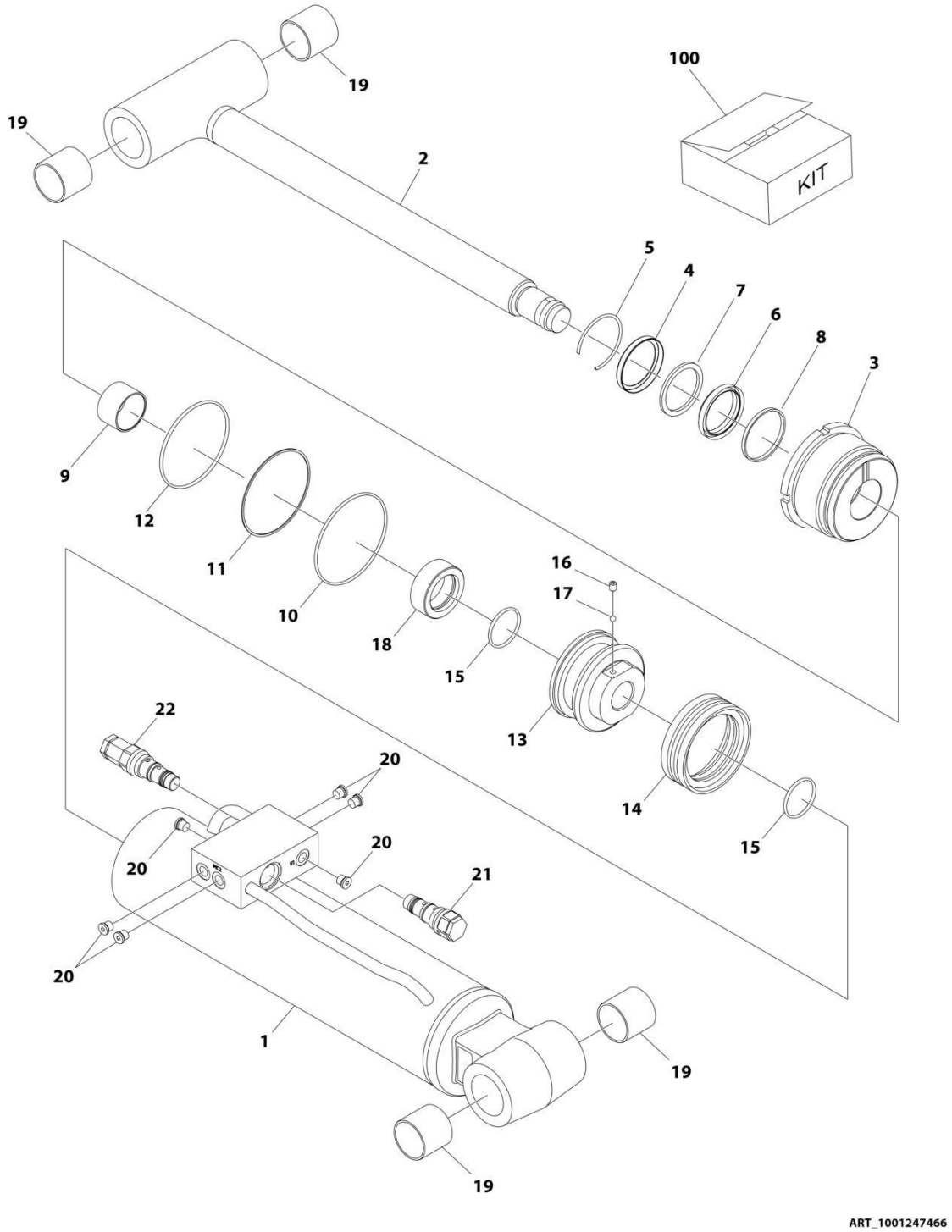
## FIGURE 6-2. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH B3)



## FIGURE 6-2. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001230374 | Ref | AXLE LOCKOUT CYLINDER ASSEMBLY | A |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006948 | 1 | Rod | |
| 3 | 4640858 | 1 | Bleeder Valve | |
| 4 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 5 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | 1001117372 | 1 | Counterbalance Valve | |
| 7 | 70002842 | 1 | Seal Kit - 1001117372 Valve | |
| 8 | 2220883 | 2 | Plug | |
| 9 | 2220885 | 2 | Plug | |
| 100 | 70006949 | 1 | Seal kit - 1001230374 Cylinder (Includes 4-6) | |

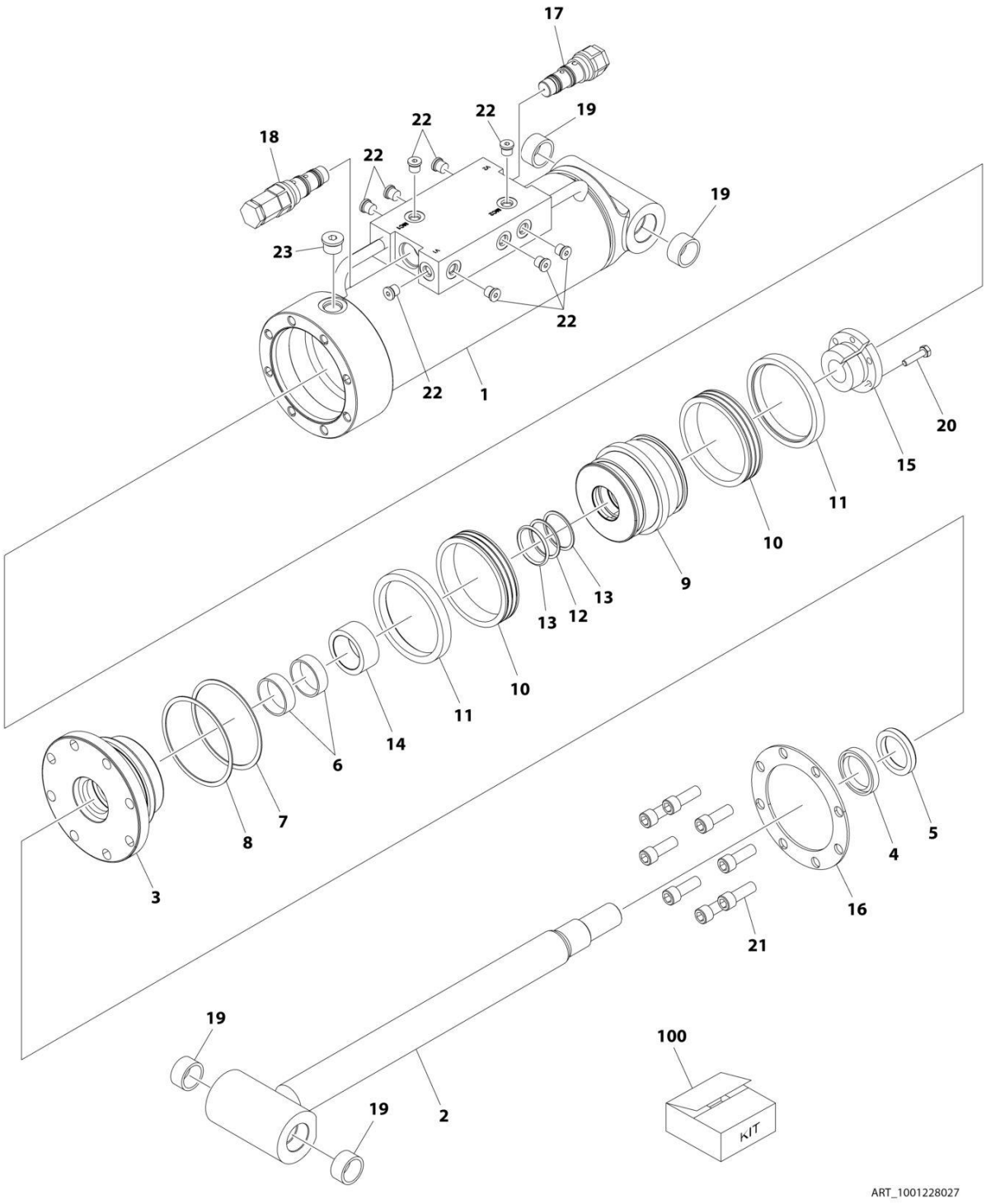
## FIGURE 6-3. LEVEL CYLINDER ASSEMBLY (860SJ HC3)



## FIGURE 6-3. LEVEL CYLINDER ASSEMBLY (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001247466 | Ref | LEVEL CYLINDER ASSEMBLY | C |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Use P/N 1001247466) | |
| 2 | 70007168 | 1 | Rod | |
| 3 | 70007157 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Use Item:100) | |
| 5 | 70002410 | 1 | Ring, Retaining | |
| 6 | See Note | NSS | Seal, Rod (Use Item:100) | |
| 7 | See Note | NSS | Ring, Back Up (Use Item:100) | |
| 8 | See Note | NSS | Ring, Buffer (Use Item:100) | |
| 9 | 70004237 | 1 | Ring, Wear (Use Item:100) | |
| 10 | See Note | NSS | O-Ring (Use Item:100) | |
| 11 | See Note | NSS | Ring, Back up (Use Item:100) | |
| 12 | See Note | NSS | O-Ring (Use Item:100) | |
| 13 | 70007161 | 1 | Piston | |
| 14 | See Note | NSS | Seal, Piston (Use Item:100) | |
| 15 | See Note | NSS | O-Ring (Use Item:100) | |
| 16 | 70006596 | 1 | Setscrew | |
| 17 | 70022564 | 1 | Ball | |
| 18 | 70007169 | 1 | Spacer | |
| 19 | 70007159 | 4 | Bearing | |
| 20 | 2220883 | 6 | Plug | |
| 21 | 4640999 | 1 | Valve, Counterbalance | |
| 21 | 2900792 | 1 | Seal Kit - 4640999 Valve | |
| 22 | 4640932 | 1 | Valve, Counterbalance | |
| 22 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 100 | 70007251 | 1 | Seal Kit, Cylinder (Include items : 4,6,7,8,10,11,12,14 & 15) | |

## FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB (800S HC3) (Prior to SN 0300297258)

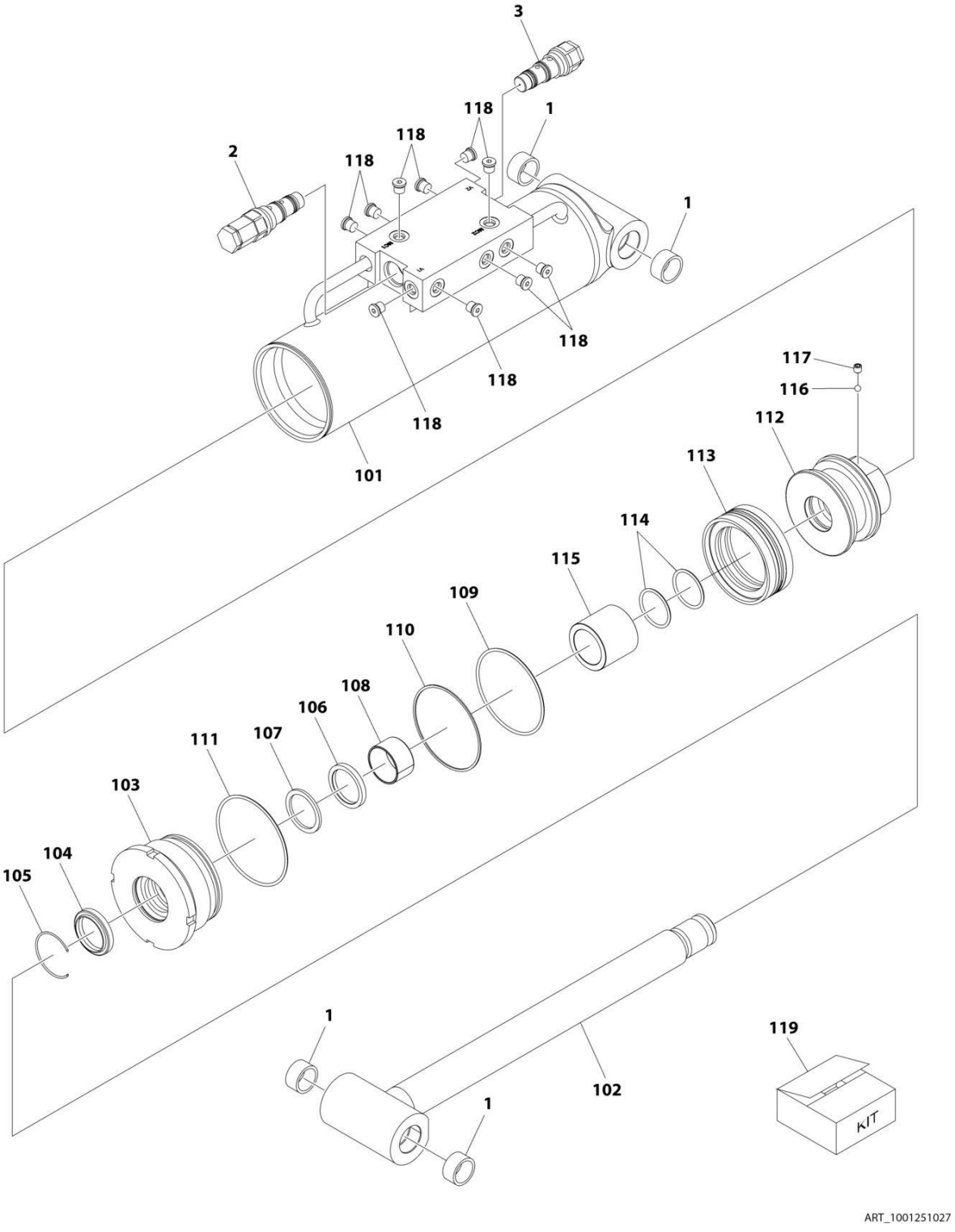


## FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB (800S HC3) (Prior to SN 0300297258)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228027 | Ref | LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006648 | 1 | Rod | |
| 3 | 70006699 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 70006700 | 1 | Piston | |
| 10 | See Note | NSS | T-Seal (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | 70006701 | 1 | Spacer, Tube | |
| 15 | 0961894 | 1 | Bushing, Tapered | |
| 16 | 3760370 | 1 | Washer | |
| 17 | 4641232 | 1 | Valve, Cartridge | |
| 17 | 7011112 | 1 | Seal Kit - 4641232 Valve | |
| 18 | 4640932 | 1 | Valve, Cartridge | |
| 18 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 19 | 0961947 | 4 | Bushing | |
| 20 | 0630535 | 3 | Capscrew 1/4 x 1 | |
| 21 | 3931720 | 8 | Capscrew 7/16 x 1-1/4 | |
| 22 | 2220883 | 10 | Plug | |
| 23 | 2220886 | 1 | Plug | |
| 100 | 2902061 | 1 | Seal Kit (Includes Items 4-8 & 10-13) | |

# SECTION 6 - CYLINDER

## FIGURE 6-5. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (800S HC3) (SN 0300297258 to Present)

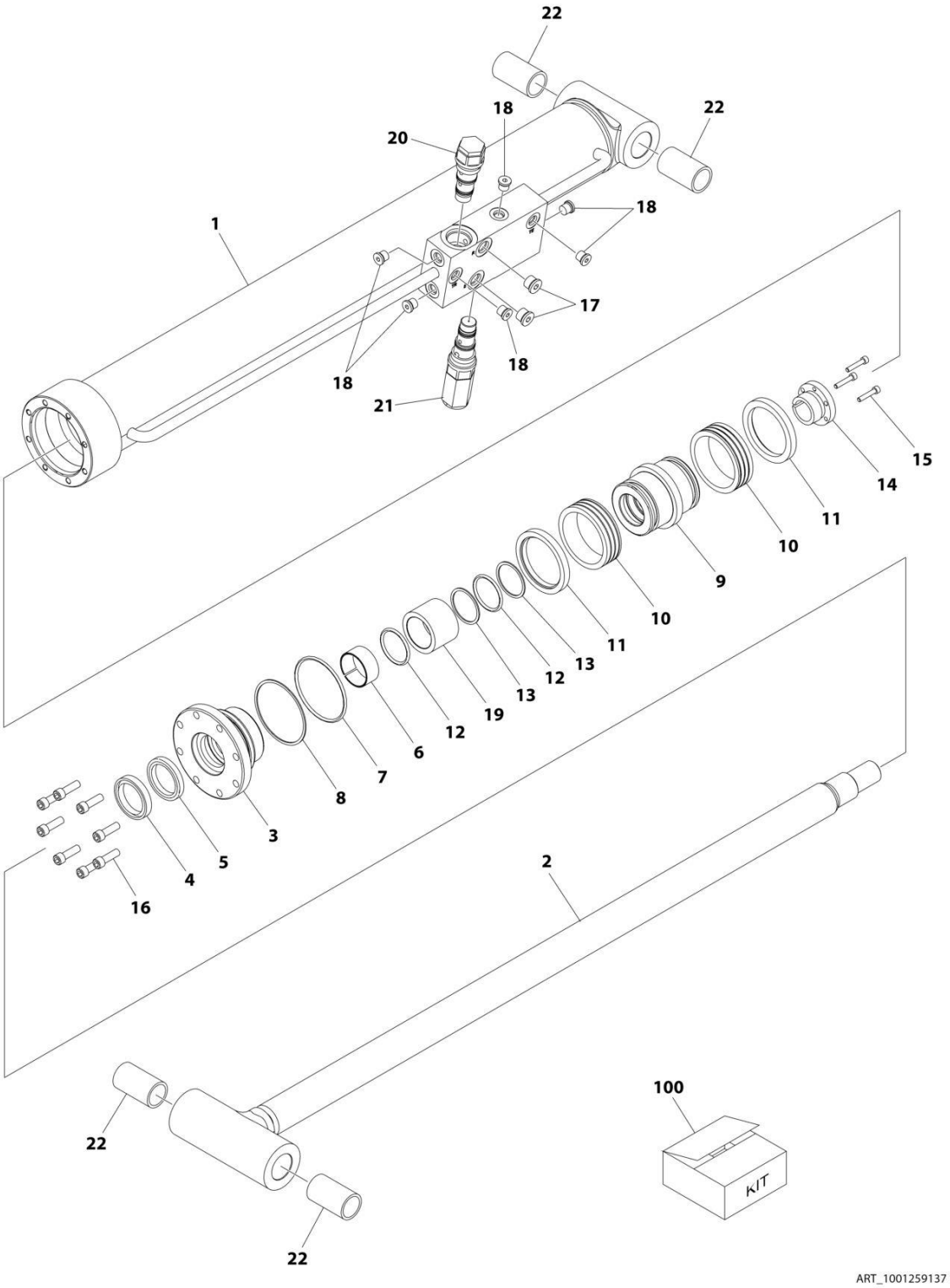


## FIGURE 6-5. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE (800S HC3) (SN 0300297258 to Present)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251027 | Ref | LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE | A |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 0961947 | 4 | Bushing | |
| 2 | 4640932 | 1 | Valve, Cartridge | |
| 2 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 3 | 4641232 | 1 | Valve, Cartridge | |
| 3 | 7011112 | 1 | Seal Kit - 4641232 Valve | |
| 101 | See Note | NSS | Tube (Note: Not Available for Purchase) | |
| 102 | 70008186 | 1 | Rod | |
| 103 | 70007971 | 1 | Head | |
| 104 | See Note | NSS | Wiper, Dust (Note: Use Item 119) | |
| 105 | 70002373 | 1 | Ring, Retaining | |
| 106 | See Note | NSS | Rod, Seal (Note: Use Item 119) | |
| 107 | See Note | NSS | Ring, Backup (Note: Use Item 119) | |
| 108 | 70005871 | 1 | Bushing | |
| 109 | See Note | NSS | O-Ring (Note: Use Item 119) | |
| 110 | See Note | NSS | Ring, Backup (Note: Use Item 119) | |
| 111 | See Note | NSS | O-Ring (Note: Use Item 119) | |
| 112 | 70007972 | 1 | Piston | |
| 113 | See Note | NSS | Seal, Piston (Note: Use Item 119) | |
| 114 | See Note | NSS | O-Ring (Note: Use Item 119) | |
| 115 | 70008187 | 1 | Spacer | |
| 116 | 70022564 | 1 | Ball, Steel | |
| 117 | 70022563 | 1 | Setscrew | |
| 118 | 2220883 | 10 | Plug | |
| 119 | 7007974 | 1 | Seal Kit (Includes Items 104, 106-107, 109-111 & 113-114) | |

# SECTION 6 - CYLINDER

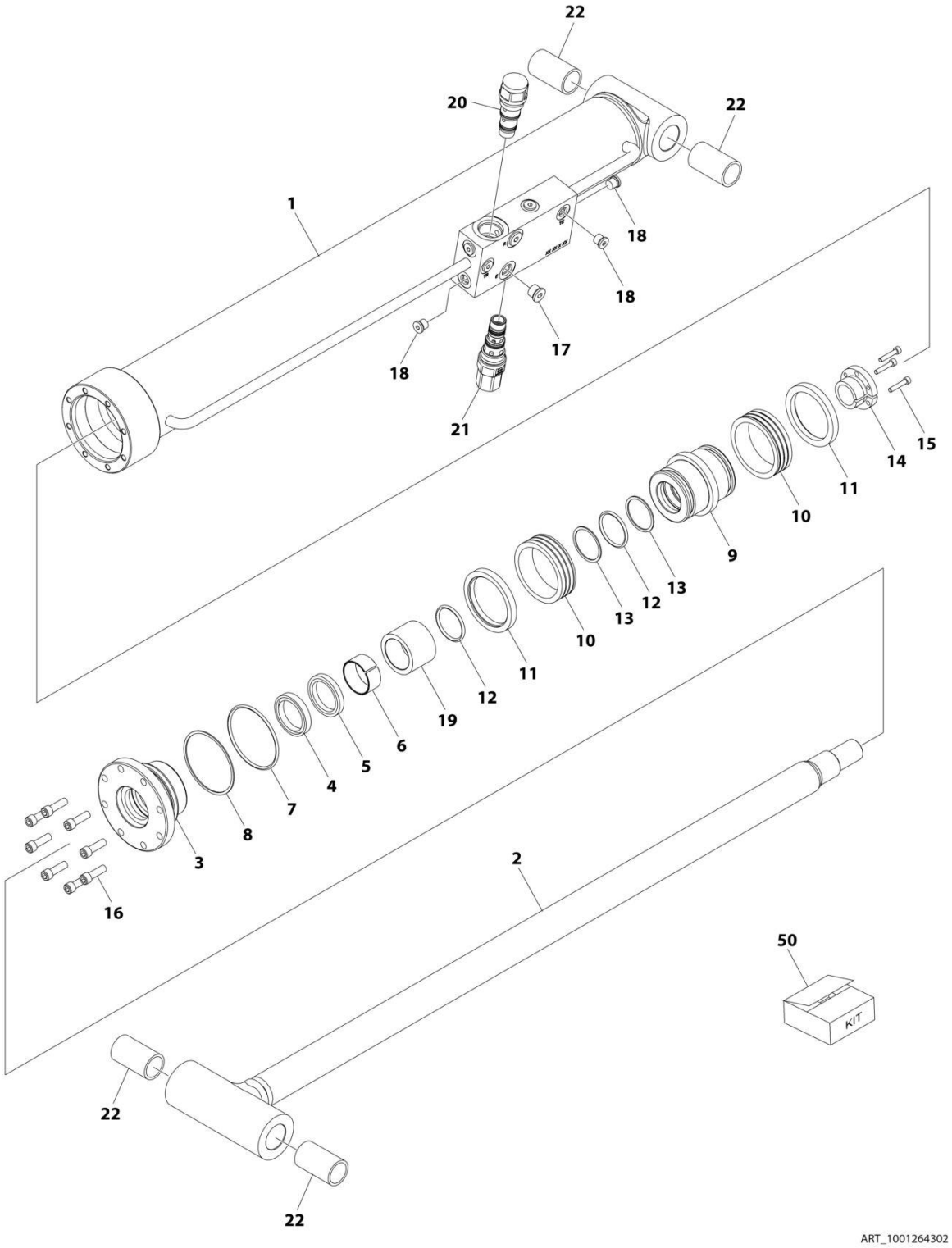
## FIGURE 6-6. LIFT CYLINDER ASSEMBLY - JIB (860SJ HC3)



## FIGURE 6-6. LIFT CYLINDER ASSEMBLY - JIB (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259137 | Ref | LIFT CYLINDER ASSEMBLY - JIB | B |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006734 | 1 | Rod | |
| 3 | 70006649 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 70006650 | 1 | Piston | |
| 10 | See Note | NSS | Seal (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Lock (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | 0961893 | 1 | Bushing, Tapered | |
| 15 | 0630534 | 3 | Capscrew, Socket Head #10 x 1 | |
| 16 | 70006735 | 8 | Capscrew 5/16 | |
| 17 | 2220885 | 2 | Plug, O-Ring | |
| 18 | 2220883 | 6 | Plug, O-Ring | |
| 19 | 70006736 | 1 | Spacer | |
| 20 | 4640509 | 1 | Cartridge, Valve | |
| 20 | 2900792 | 1 | Seal Kit - 4640509 Valve | |
| 21 | 1001259138 | 1 | Cartridge, Valve | |
| 21 | 70004186 | 1 | Seal Kit - 1001259138 Valve | |
| 22 | 0962336 | 4 | Bushing | |
| 100 | 1001138795 | 1 | Seal Kit (Includes Items 4-8 & 10-13) | |

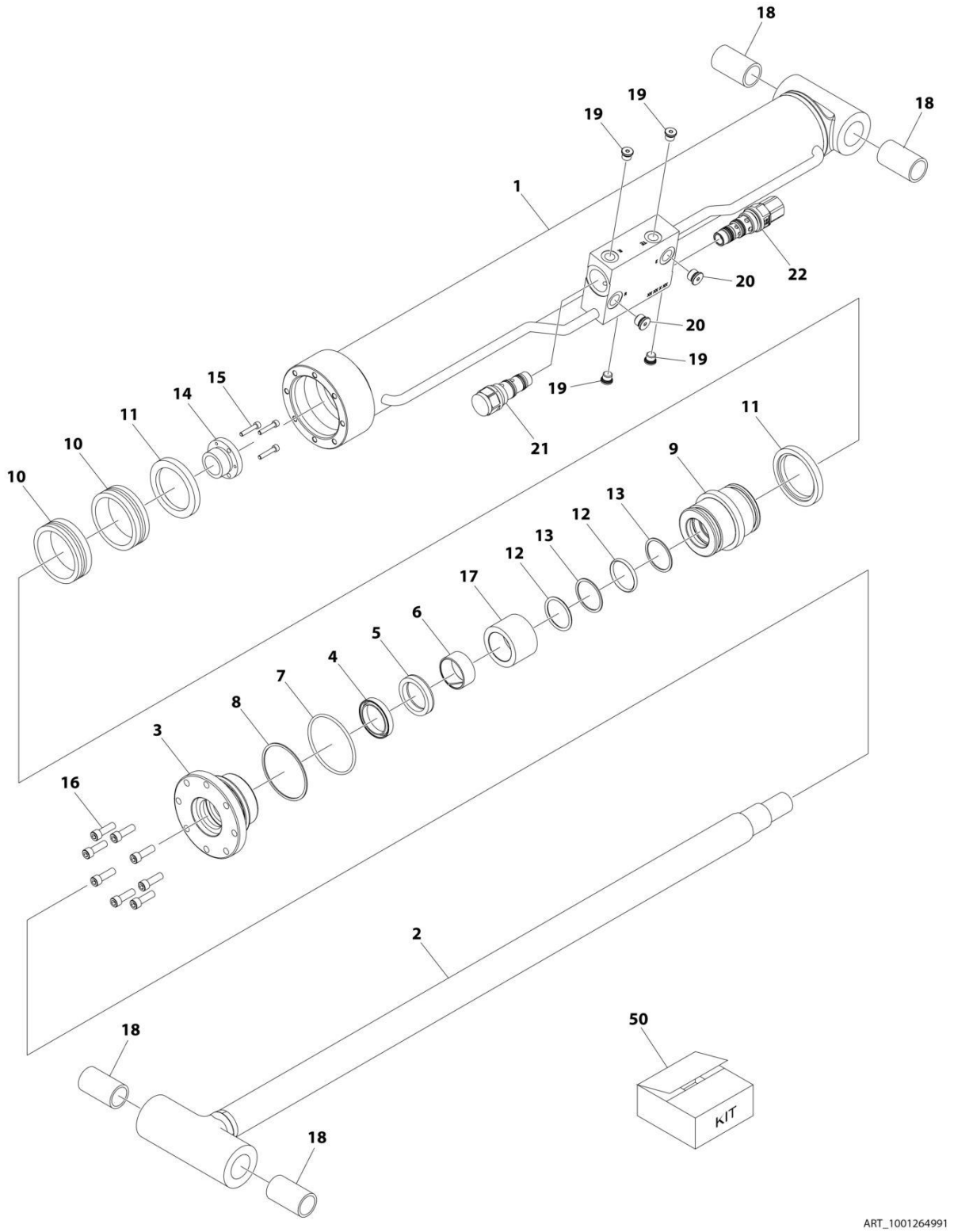
## FIGURE 6-7. LIFT CYLINDER ASSEMBLY - JIB (860SJ HC3)



## FIGURE 6-7. LIFT CYLINDER ASSEMBLY - JIB (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001264302 | Ref | LIFT CYLINDER ASSEMBLY - JIB | B |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel | |
| 2 | 70006734 | 1 | Rod | |
| 3 | 70006649 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 9 | 70006650 | 1 | Piston | |
| 10 | See Note | NSS | Seal (Note: Use Item 50) | |
| 11 | See Note | NSS | Ring, Lock (Note: Use Item 50) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 14 | 0961893 | 1 | Bushing, Tapered | |
| 15 | 0630534 | 3 | Capscrew | |
| 16 | 70006735 | 8 | Capscrew | |
| 17 | 2220885 | 2 | Plug | |
| 18 | 2220883 | 6 | Plug | |
| 19 | 70006736 | 1 | Spacer | |
| 20 | 4640509 | 1 | Cartridge, Counterbalance Valve | |
| 20 | 2900792 | 1 | Seal Kit - 4640509 Valve | |
| 21 | 1001263800 | 1 | Cartridge, Counterbalance Valve | |
| 21 | 70004186 | 1 | Seal Kit - 1001263800 Valve | |
| 22 | 0962336 | 4 | Bushing | |
| 50 | 1001138795 | 1 | Seal Kit (Includes Items 4-8 & 10-13) | |

## FIGURE 6-8. LIFT CYLINDER ASSEMBLY - JIB (860SJ HC3)

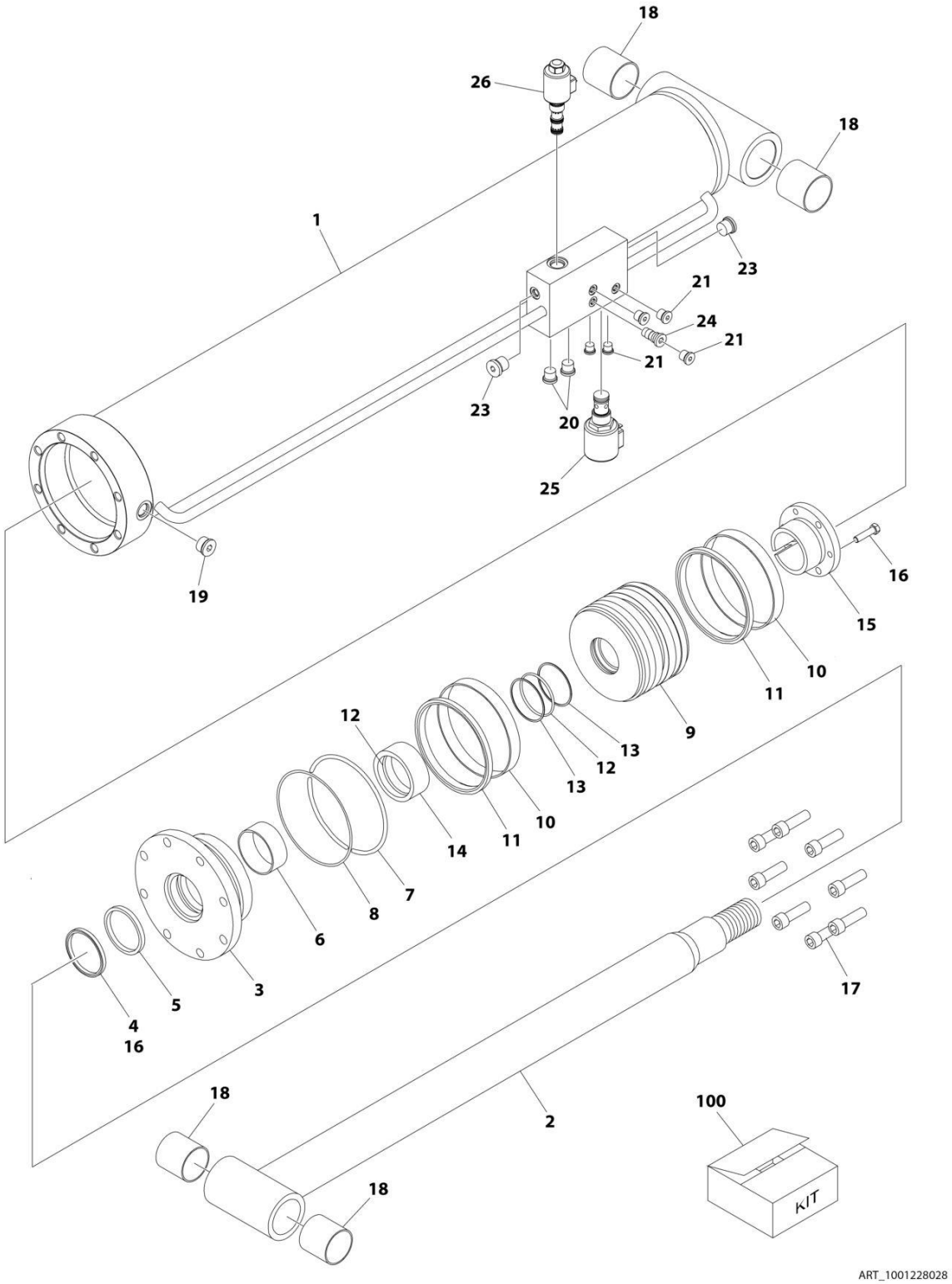


## FIGURE 6-8. LIFT CYLINDER ASSEMBLY - JIB (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001264991 | Ref | LIFT CYLINDER ASSEMBLY - JIB | B |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Use PN 1001264991) | |
| 2 | 70006734 | 1 | Rod | |
| 3 | 70006649 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 9 | 70006650 | 1 | Piston | |
| 10 | See Note | NSS | Ring, Hydro Lock (Note: Use Item 50) | |
| 11 | See Note | NSS | Ring, Guide Lock (Note: Use Item 50) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 14 | 0961893 | 1 | Bushing, Tapered | |
| 15 | 0630534 | 3 | Capscrew | |
| 16 | 70006735 | 8 | Capscrew | |
| 17 | 70006736 | 1 | Spacer | |
| 18 | 0962336 | 4 | Bearing | |
| 19 | 70023370 | 4 | Plug | |
| 20 | 70023371 | 2 | Plug | |
| 21 | 4640509 | 1 | Cartridge, Counterbalance Valve | |
| 21 | 2900792 | 1 | Seal Kit - 4640509 Valve | |
| 22 | 1001263800 | 1 | Cartridge, Counterbalance Valve | |
| 22 | 70004186 | 1 | Seal Kit - 1001263800 Valve | |
| 50 | 1001138795 | 1 | Seal Kit - 1001264991 Cylinder (Includes Items 4-8 & 10-13) | |

# SECTION 6 - CYLINDER

## FIGURE 6-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM (800S HC3) (Prior to SN 0300297258)

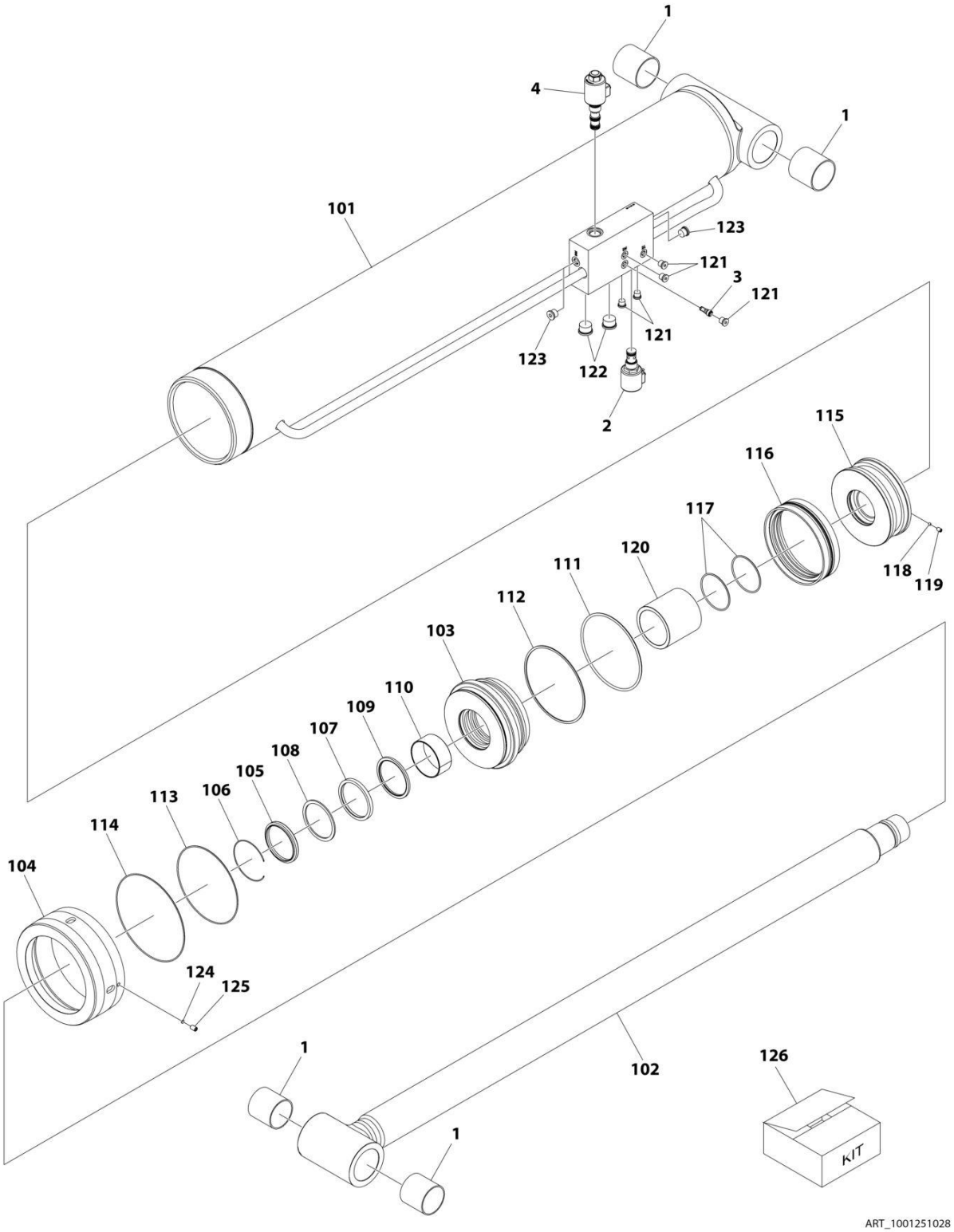


## FIGURE 6-9. LIFT CYLINDER ASSEMBLY - MAIN BOOM (800S HC3) (Prior to SN 0300297258)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228028 | Ref | LIFT CYLINDER ASSEMBLY - MAIN BOOM | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006506 | 1 | Rod | |
| 3 | 70006505 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | 70006504 | 1 | Piston | |
| 10 | See Note | NSS | Ring, Guidelock (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Guidelock (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | 70006503 | 1 | Spacer, Tube | |
| 15 | 0961898 | 1 | Bushing, Tapered | |
| 16 | 0630536 | 3 | Bolt | |
| 16 | 0100011 | AR | Compound, Locking | |
| 16 | 0100038 | AR | Primer, Locking | |
| 17 | 3932240 | 8 | Capscrew 3/4 x 2-1/2 | |
| 17 | 0100011 | AR | Compound, Locking | |
| 17 | 0100038 | AR | Primer, Locking | |
| 18 | 0962033 | 4 | Bushing | |
| 19 | 2220888 | 3 | Plug | |
| 20 | 2220887 | 2 | Plug | |
| 21 | 2220883 | 4 | Plug | |
| 23 | 2220885 | 2 | Plug | |
| 24 | 4641194 | 1 | Cartridge, Relief Valve | |
| 24 | 7023927 | 1 | Seal Kit - 4641194 Valve | |
| 25 | 4641188 | 1 | Cartridge, Lift Holding Solenoid | |
| 25 | 7023923 | 1 | Cartridge - 4641188 Valve | |
| 25 | 7023919 | 1 | Seal Kit - 4641188 Valve | |
| 25 | 7012943 | 1 | Coil - 4641188 Valve | |
| 26 | 4641234 | 1 | Cartridge, Lift Relief Proportional Solenoid | |
| 26 | 7023982 | 1 | Cartridge - 4641234 Valve | |
| 26 | 7012925 | 1 | Seal Kit - 4641234 Valve | |
| 26 | 7017451 | 1 | Coil - 4641234 Valve | |
| 100 | 2901537 | 1 | Seal Kit (Includes Items 5-8 & 10-13) | |

# SECTION 6 - CYLINDER

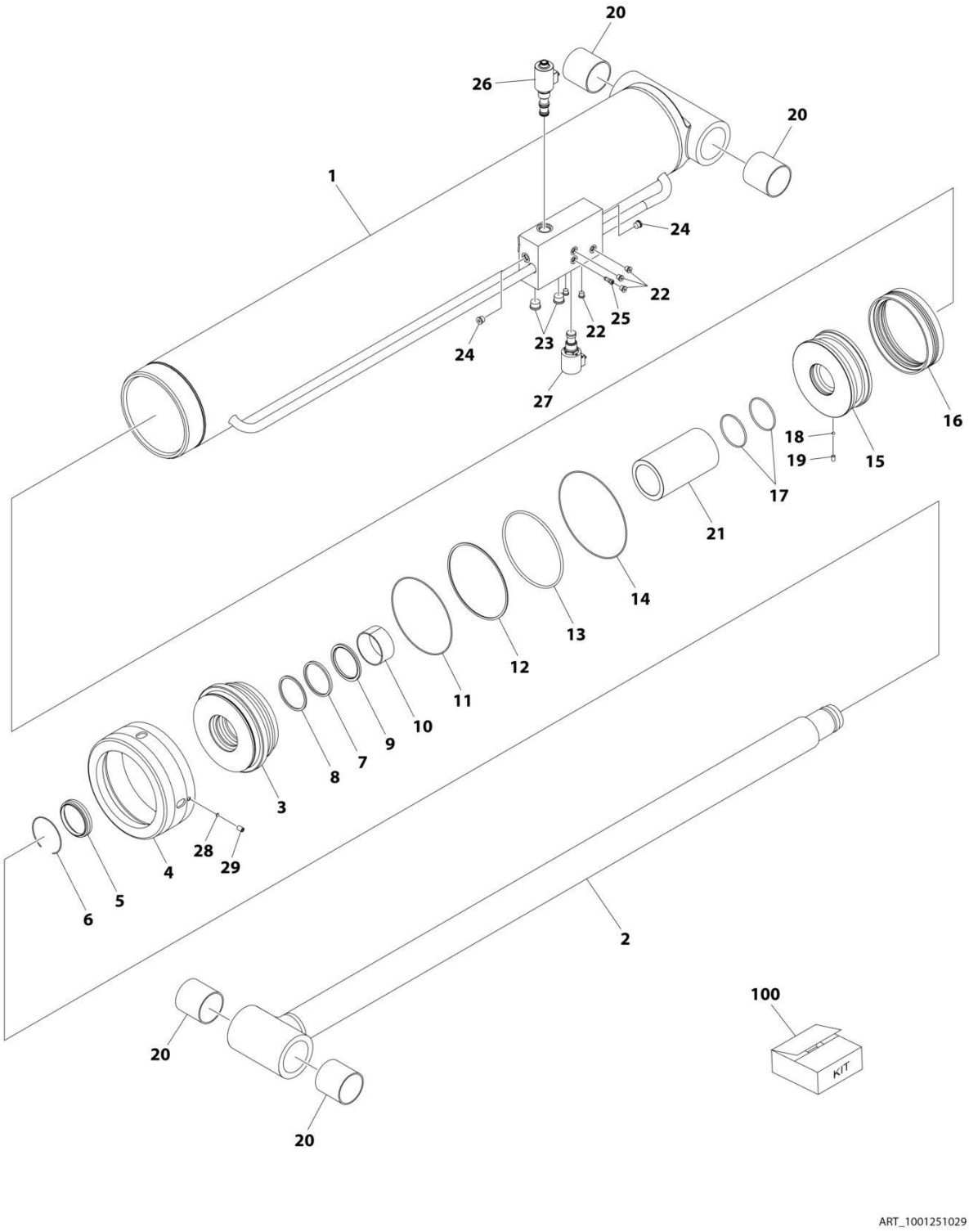
## FIGURE 6-10. LIFT CYLINDER ASSEMBLY - MAIN BOOM (800S HC3) (SN 0300297258 to Present)



## FIGURE 6-10. LIFT CYLINDER ASSEMBLY - MAIN BOOM (800S HC3) (SN 0300297258 to Present)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251028 | Ref | LIFT CYLINDER ASSEMBLY - MAIN BOOM | A |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 0962033 | 4 | Bushing | |
| 2 | 7023923 | 1 | Cartridge - 4641188 Valve | |
| 2 | 7023919 | 1 | Seal Kit - 4641188 Valve | |
| 2 | 7012943 | 1 | Coil - 4641188 Valve | |
| 3 | 4641194 | 1 | Cartridge, Relief Valve | |
| 3 | 7023927 | 1 | Seal Kit - 4641194 Valve | |
| 4 | 7023982 | 1 | Cartridge - 4641234 Valve | |
| 4 | 7012925 | 1 | Seal Kit - 4641234 Valve | |
| 4 | 7017451 | 1 | Coil - 4641234 Valve | |
| 101 | See Note | NSS | Tube (Note: Not Available for Purchase) | |
| 102 | 70008188 | 1 | Rod | |
| 103 | 70008189 | 1 | Head | |
| 104 | 70007278 | 1 | Cap, Tube | |
| 105 | See Note | NSS | Wiper, Dust (Note: Use Item 126) | |
| 106 | 70023380 | 1 | Ring, Retaining | |
| 107 | See Note | NSS | Seal, Rod (Note: Use Item 126) | |
| 108 | See Note | NSS | Ring, Backup (Note: Use Item 126) | |
| 109 | See Note | NSS | Ring, Buffer (Note: Use Item 126) | |
| 110 | 70007423 | 1 | Bushing | |
| 111 | See Note | NSS | O-Ring (Note: Use Item 126) | |
| 112 | See Note | NSS | Ring, Backup (Note: Use Item 126) | |
| 113 | See Note | NSS | O-Ring (Note: Use Item 126) | |
| 114 | See Note | NSS | O-Ring (Note: Use Item 126) | |
| 115 | 70008190 | 1 | Piston | |
| 116 | See Note | NSS | Seal, Piston (Note: Use Item 126) | |
| 117 | See Note | NSS | O-Ring (Note: Use Item 126) | |
| 118 | 70022564 | 1 | Ball, Steel | |
| 119 | 70006596 | 1 | Setscrew | |
| 120 | 70008191 | 1 | Spacer | |
| 121 | 2220883 | 5 | Plug 7/16 | |
| 122 | 70005433 | 2 | Plug 7/8 | |
| 123 | 2220885 | 2 | Plug 9/16 | |
| 124 | 70007282 | 1 | Insert, Locking | |
| 125 | 70026287 | 1 | Setscrew | |
| 126 | 70008192 | 1 | (Includes Items 105, 107-109, 111-114 & 116-117) | |

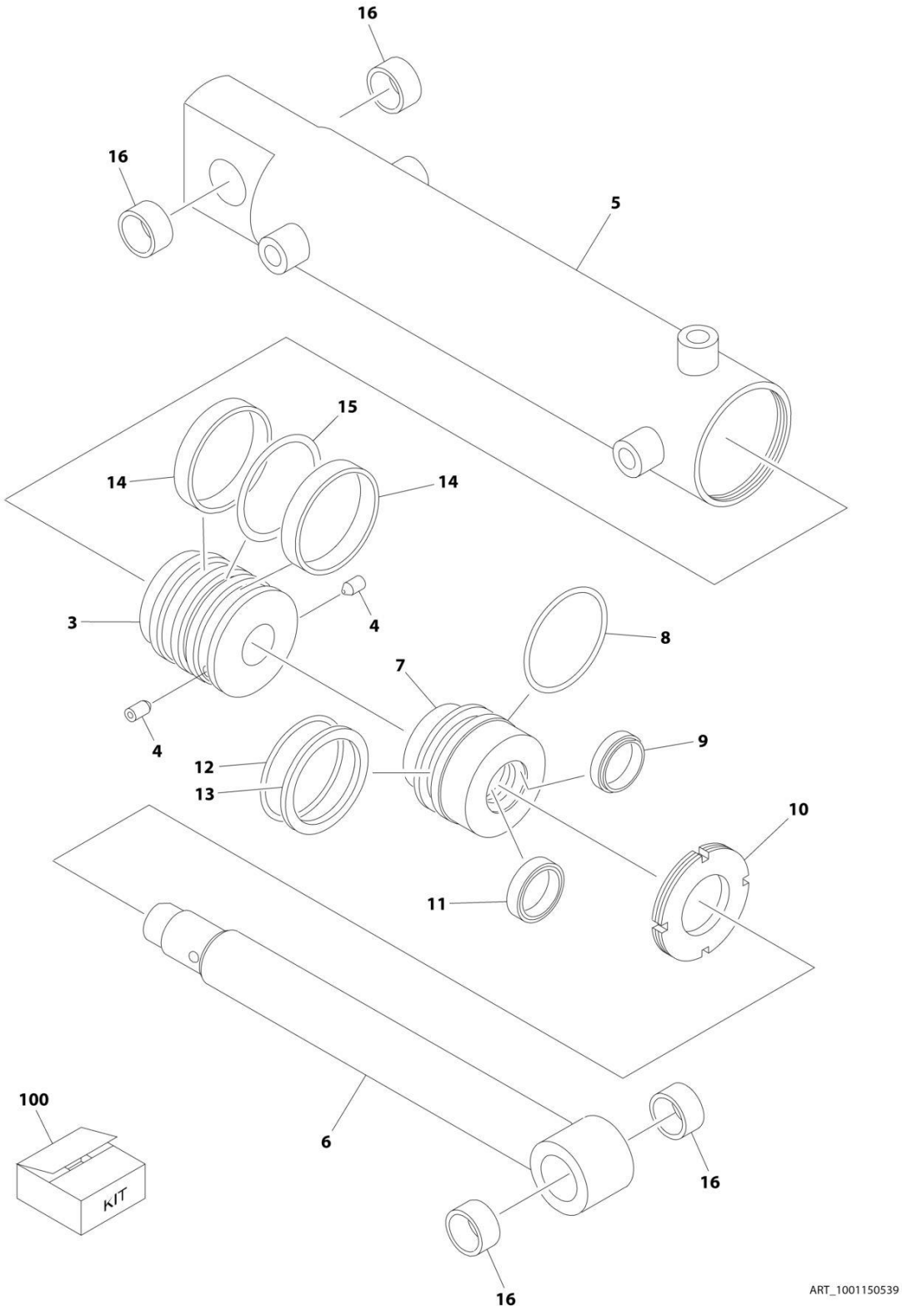
## FIGURE 6-11. LIFT CYLINDER ASSEMBLY - MAIN BOOM (860SJ HC3)



## FIGURE 6-11. LIFT CYLINDER ASSEMBLY - MAIN BOOM (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251029 | Ref | LIFT CYLINDER ASSEMBLY - MAIN BOOM | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70007276 | 1 | Rod | |
| 3 | 70007277 | 1 | Head | |
| 4 | 70007278 | 1 | Cap, Tube | |
| 5 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 6 | 70027750 | 1 | Ring, Retainer | |
| 7 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 9 | See Note | NSS | Ring, Buffer (Note: Use Item 100) | |
| 10 | 70007279 | 1 | Bearing | |
| 11 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 12 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 13 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 14 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 15 | 70007280 | 1 | Piston | |
| 16 | See Note | NSS | Seal, Piston (Note: Use Item 100) | |
| 17 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 18 | 70022564 | 1 | Steel Ball | |
| 19 | 70029468 | 1 | Setscrew | |
| 20 | 0962033 | 4 | Bushing | |
| 21 | 70007281 | 1 | Spacer | |
| 22 | 2220883 | 5 | Plug | |
| 23 | 70005433 | 2 | Plug | |
| 24 | 2220885 | 2 | Plug | |
| 25 | 4641194 | 1 | Cartridge, Relief Valve | |
| 25 | 7023927 | 1 | Seal Kit - 4641194 Valve | |
| 26 | 4641234 | 1 | Cartridge, Lift Relief Proportional Solenoid | |
| 26 | 7023982 | 1 | Cartridge - 4641234 Valve | |
| 26 | 7012925 | 1 | Seal Kit - 4641234 Valve | |
| 26 | 7017451 | 1 | Coil - 4641234 Valve | |
| 27 | 4641188 | 1 | Cartridge, Lift Holding Solenoid | |
| 27 | 7023923 | 1 | Cartridge - 4641188 Valve | |
| 27 | 7023919 | 1 | Seal Kit - 4641188 Valve | |
| 27 | 7012943 | 1 | Coil - 4641188 Valve | |
| 28 | 70007282 | 1 | Insert, Locking | |
| 29 | 70026287 | 1 | Setscrew | |
| 100 | 70007283 | 1 | Seal Kit (Includes Items 5, 7-9, 11-14, 16 & 17) | |

## FIGURE 6-12. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 03)

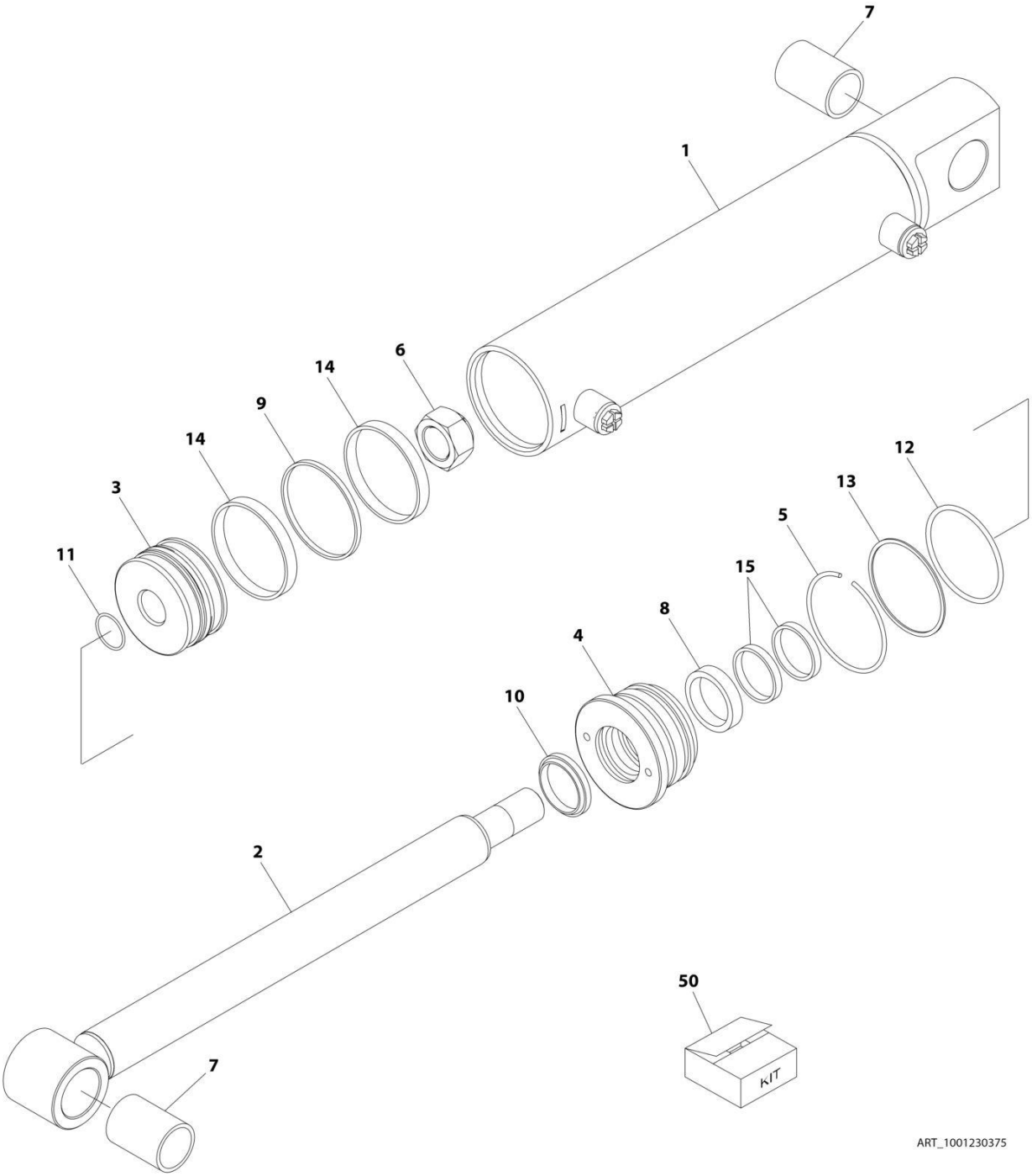


## FIGURE 6-12. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150539 | Ref | STEER CYLINDER ASSEMBLY | F |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 3 | 70002744 | 1 | Piston | |
| 4 | 70002745 | 2 | Setscrew M6 x 10 | |
| 5 | 70004381 | 1 | Barrel | |
| 6 | 70004382 | 1 | Rod | |
| 7 | 70002748 | 1 | Head | |
| 8 | See Note | NSS | Ring (Note: Use Item 100) | |
| 9 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 10 | 70002749 | 1 | Nut, Spanner | |
| 11 | See Note | NSS | Seal (Note: Use Item 100) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 14 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 15 | See Note | NSS | Seal (Note: Use Item 100) | |
| 16 | 0962152 | 4 | Bushings | |
| 100 | 70002751 | 1 | Seal Kit (Includes Items 8, 9 & 11-15) | |

# SECTION 6 - CYLINDER

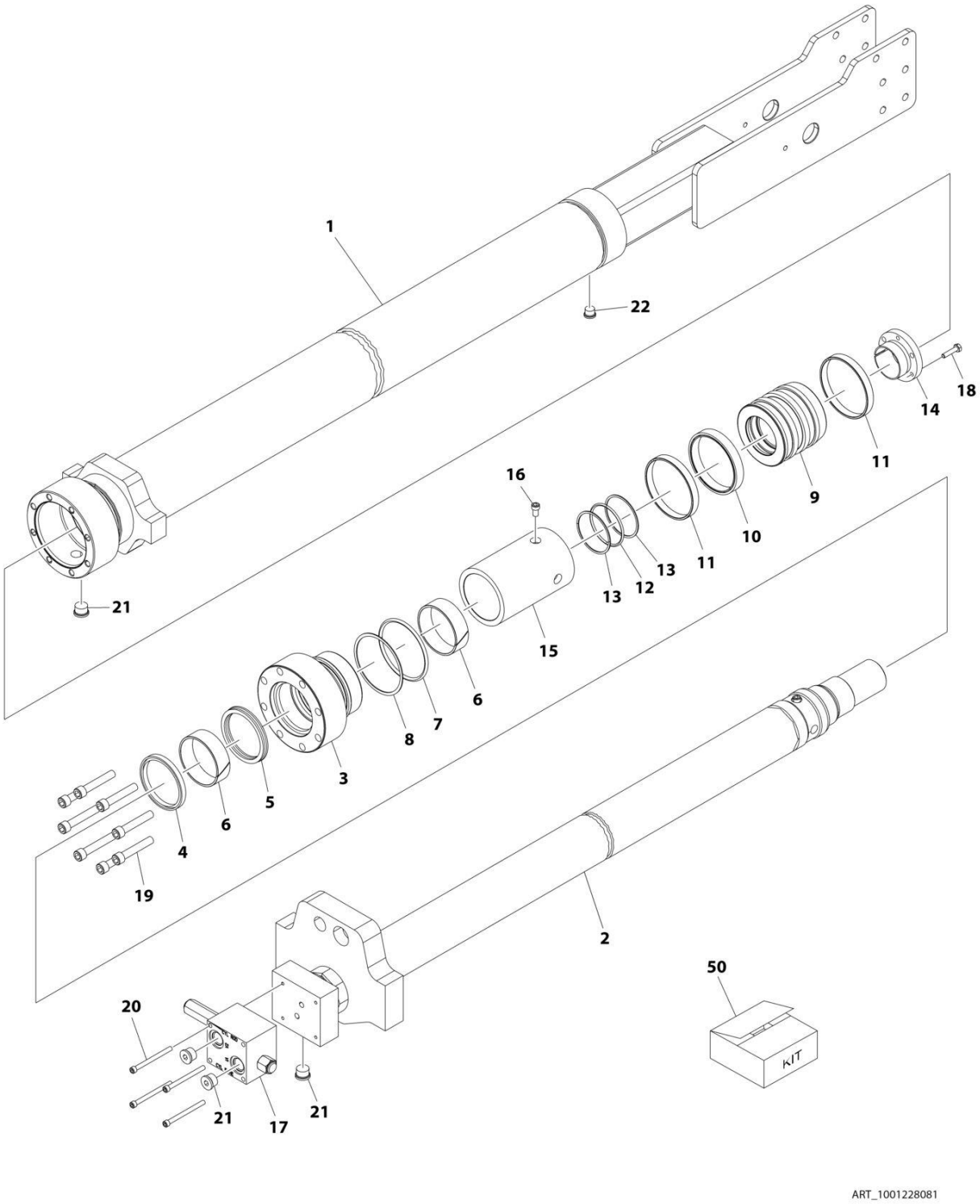
## FIGURE 6-13. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH B3)



## FIGURE 6-13. STEER CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001230375 | Ref | STEER CYLINDER ASSEMBLY | A |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006964 | 1 | Rod | |
| 3 | 70006965 | 1 | Piston | |
| 4 | 70006966 | 1 | Head | |
| 5 | 70006967 | 1 | Nut | |
| 6 | 70006968 | 1 | Ring, Baffle | |
| 7 | 0962152 | 2 | Bushing | |
| 8 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 9 | See Note | NSS | Seal (Note: Use Item 50) | |
| 10 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 11 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 14 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 15 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 50 | 70006969 | 1 | Seal Kit - 1001230375 Cyliner (Includes Items 8-15) | |

## FIGURE 6-14. TELESCOPE CYLINDER ASSEMBLY (800S HC3) (Prior to SN 0300296333, Excluding 0300295806)

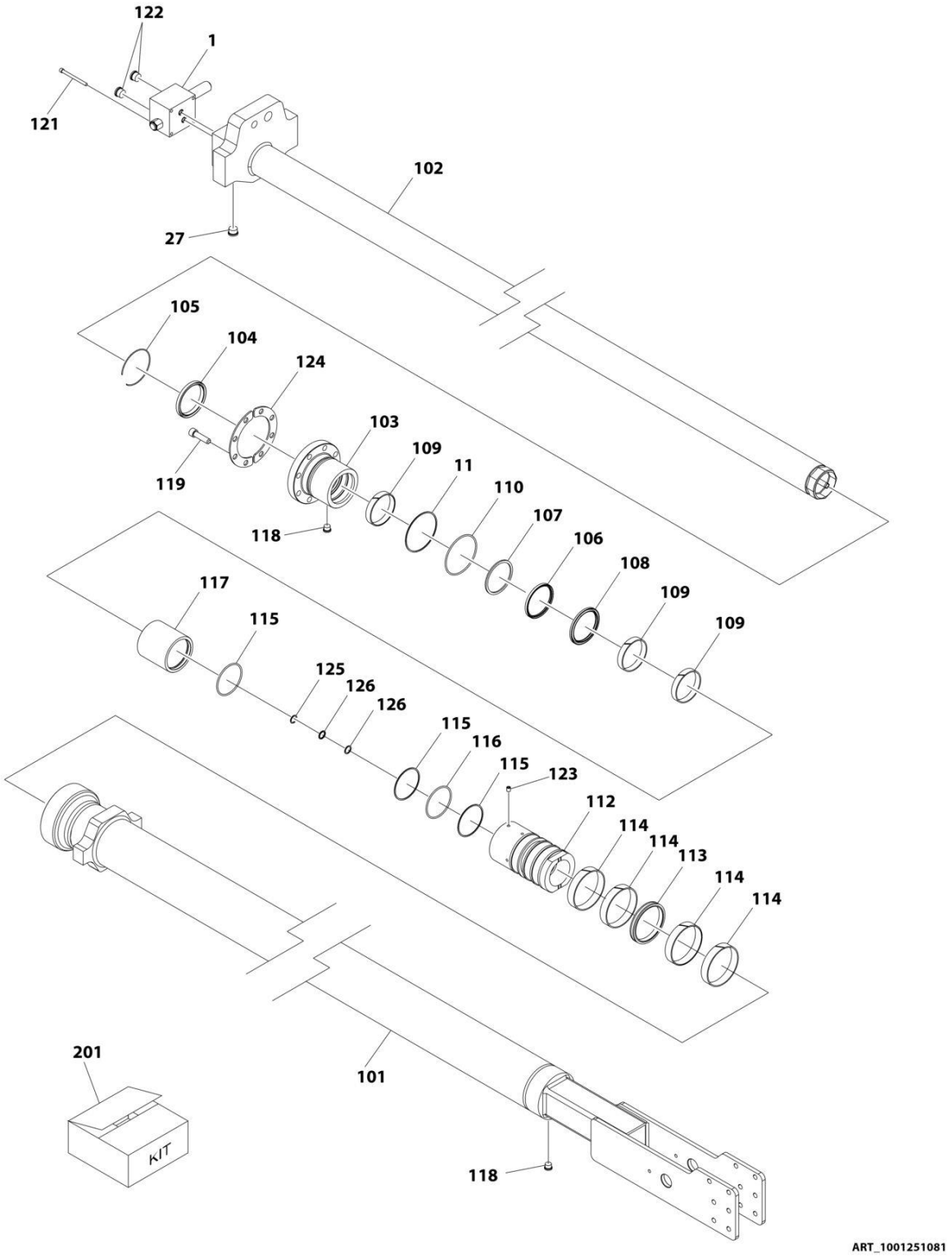


## FIGURE 6-14. TELESCOPE CYLINDER ASSEMBLY (800S HC3) (Prior to SN 0300296333, Excluding 0300295806)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228081 | Ref | TELESCOPE CYLINDER ASSEMBLY | B |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Not Available for Purchase) | |
| 2 | 70006719 | 1 | Rod | |
| 3 | 70006694 | 1 | Head | |
| 4 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 5 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 7 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 9 | 70006720 | 1 | Piston | |
| 10 | See Note | NSS | T-Seal (Note: Use Item 50) | |
| 11 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 12 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 14 | 0961897 | 1 | Bushing, Tapered | |
| 15 | 70006721 | 1 | Spacer, Tube | |
| 16 | 3931508 | 1 | Capscrew 5/16 x 1/2 | |
| 17 | 4641033 | 1 | Valve Assembly (No serviceable parts - sold as assembly only) | |
| 17 | 7024508 | 2 | O-Ring (Not Shown - Located between valve and cylinder) | |
| 18 | 0630535 | 3 | Bolt 1/4 x 1-1/8 | |
| 19 | 3931740 | 8 | Capscrew 7/16 x 2-1/2 | |
| 20 | 3931448 | 4 | Capscrew 1/4 x 3 | |
| 21 | 2220886 | 2 | Plug, O-Ring | |
| 22 | 2220885 | 1 | Plug, O-Ring | |
| 50 | 1001181694 | 1 | Seal Kit Options (Includes Items 4-8 & 10-13) | |

# SECTION 6 - CYLINDER

## FIGURE 6-15. TELESCOPE CYLINDER ASSEMBLY (800S HC3) (SN 0300296333 to Present, Including 0300295806)

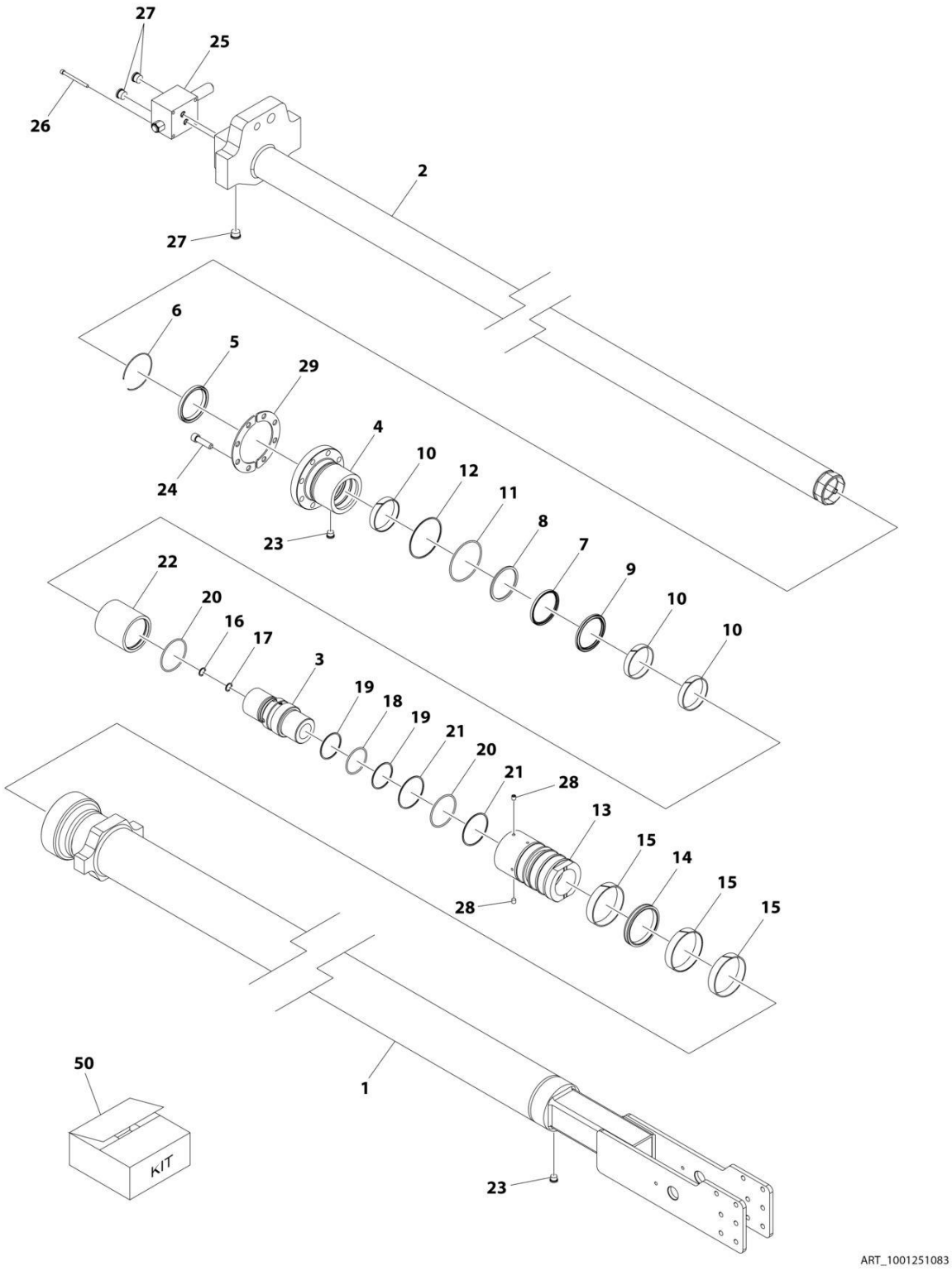


## FIGURE 6-15. TELESCOPE CYLINDER ASSEMBLY (800S HC3) (SN 0300296333 to Present, Including 0300295806)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251081 | Ref | TELESCOPE CYLINDER ASSEMBLY | A |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 4641033 | 1 | Valve Assembly (No Serviceable Parts - Sold as Assembly Only) | |
| 101 | SEE NOTE | NSS | Barrel (Note: Not Available for Purchase) | |
| 102 | 70008080 | 1 | Rod | |
| 103 | 70007977 | 1 | Head | |
| 104 | SEE NOTE | NSS | Wiper, Dust (Note: Use Item 201) | |
| 105 | 70023379 | 1 | Ring, Retaining | |
| 106 | SEE NOTE | NSS | Seal, Rod (Note: Use Item 201) | |
| 107 | SEE NOTE | NSS | Ring, Backup (Note: Use Item 201) | |
| 108 | SEE NOTE | NSS | Ring, Buffer (Note: Use Item 201) | |
| 109 | SEE NOTE | NSS | Ring, Wear (Note: Use Item 201) | |
| 110 | SEE NOTE | NSS | O-Ring (Note: Use Item 201) | |
| 111 | SEE NOTE | NSS | Ring, Backup (Note: Use Item 201) | |
| 112 | 70008081 | 1 | Piston | |
| 113 | SEE NOTE | NSS | Seal, Piston (Note: Use Item 201) | |
| 114 | SEE NOTE | NSS | Ring, Wear (Note: Use Item 201) | |
| 115 | SEE NOTE | NSS | O-Ring (Note: Use Item 201) | |
| 116 | SEE NOTE | NSS | Ring, Backup (Note: Use Item 201) | |
| 117 | 70008082 | 1 | Spacer | |
| 118 | 2220885 | 2 | Plug 9/16 | |
| 119 | 70007980 | 8 | Bolt M12 X 45 | |
| 121 | 70007981 | 4 | Bolt M6 X 75 | |
| 122 | 2220886 | 3 | Plug 3/4 | |
| 123 | 70005839 | 1 | Screw, Set | |
| 124 | 70007982 | 2 | Ring, Washer | |
| 125 | SEE NOTE | NSS | O-Ring (Note: Use Item 201) | |
| 126 | SEE NOTE | NSS | Ring, Backup (Note: Use Item 201) | |
| 201 | 70007983 | 1 | Seal, Kit (Includes 104, 106-111, 113-116, 125, 126) | |

# SECTION 6 - CYLINDER

## FIGURE 6-16. TELESCOPE CYLINDER ASSEMBLY (860SJ HC3)

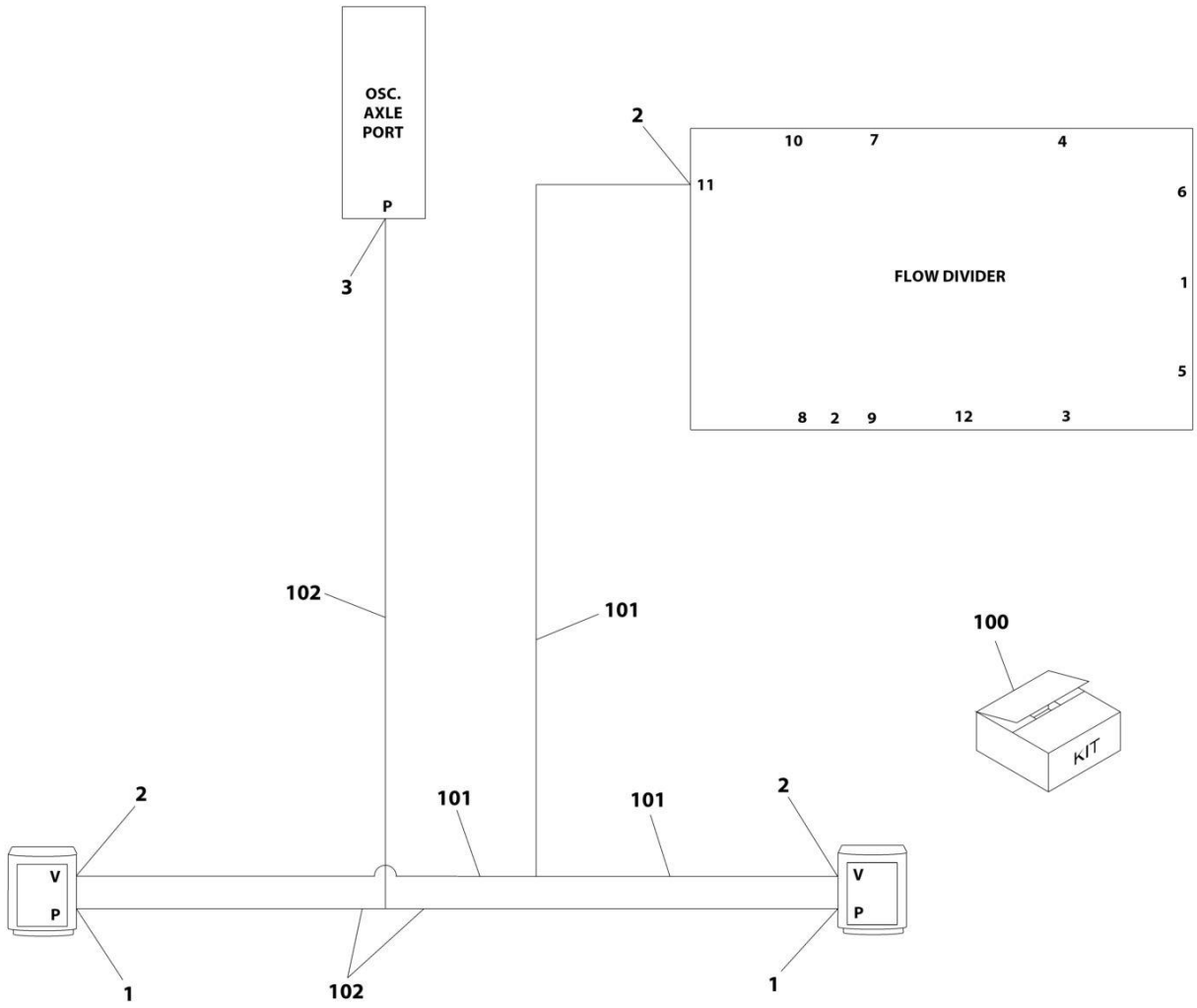


## FIGURE 6-16. TELESCOPE CYLINDER ASSEMBLY (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251083 | Ref | TELESCOPE CYLINDER ASSEMBLY | A |
| | | Ref | Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Use PN 1001251083) | |
| 2 | 70007975 | 1 | Rod | |
| 3 | 70007976 | 1 | End, Rod | |
| 4 | 70007977 | 1 | Head | |
| 5 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 6 | 70023379 | 1 | Ring, Retaining | |
| 7 | See Note | NSS | Seal, Rod (Note: Use Item 50) | |
| 8 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 9 | See Note | NSS | Ring (Note: Use Item 50) | |
| 10 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 11 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 12 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 13 | 70007978 | 1 | Piston | |
| 14 | See Note | NSS | Seal, Piston (Note: Use Item 50) | |
| 15 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 16 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 17 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 18 | See Note | NSS | Ring (Note: Use Item 50) | |
| 19 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 20 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 21 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 22 | 70007979 | 1 | Spacer | |
| 23 | 2220885 | 2 | Plug 9/16 | |
| 24 | 70007980 | 8 | Bolt M12 x 45 | |
| 25 | 4641033 | 1 | Cartridge, Valve - Counterbalance | |
| 25 | 7024508 | 1 | Seal Kit - 4641033 Valve | |
| 26 | 70007981 | 4 | Bolt M6 x 75 | |
| 27 | 2220886 | 3 | Plug 3/4 | |
| 28 | 70005839 | 2 | Setscrew M8 x 1-1/4 | |
| 29 | 70007982 | 2 | Ring, Washer | |
| 50 | 70007983 | 1 | Seal Kit - 1001251083 Cylinder (Includes Items 5, 7-12 & 14-21) | |

# SECTION 7 - HYDRAULIC

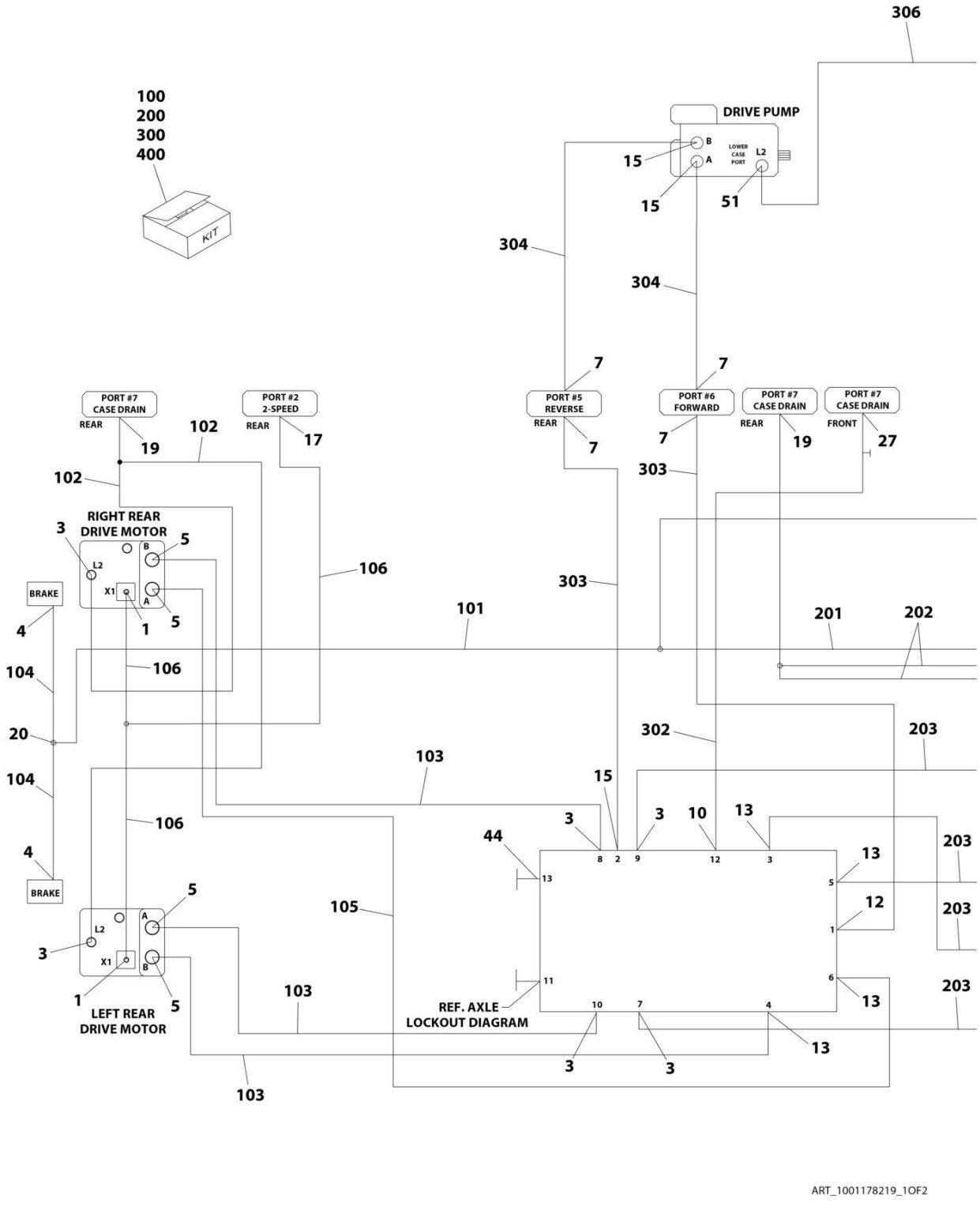
## FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)



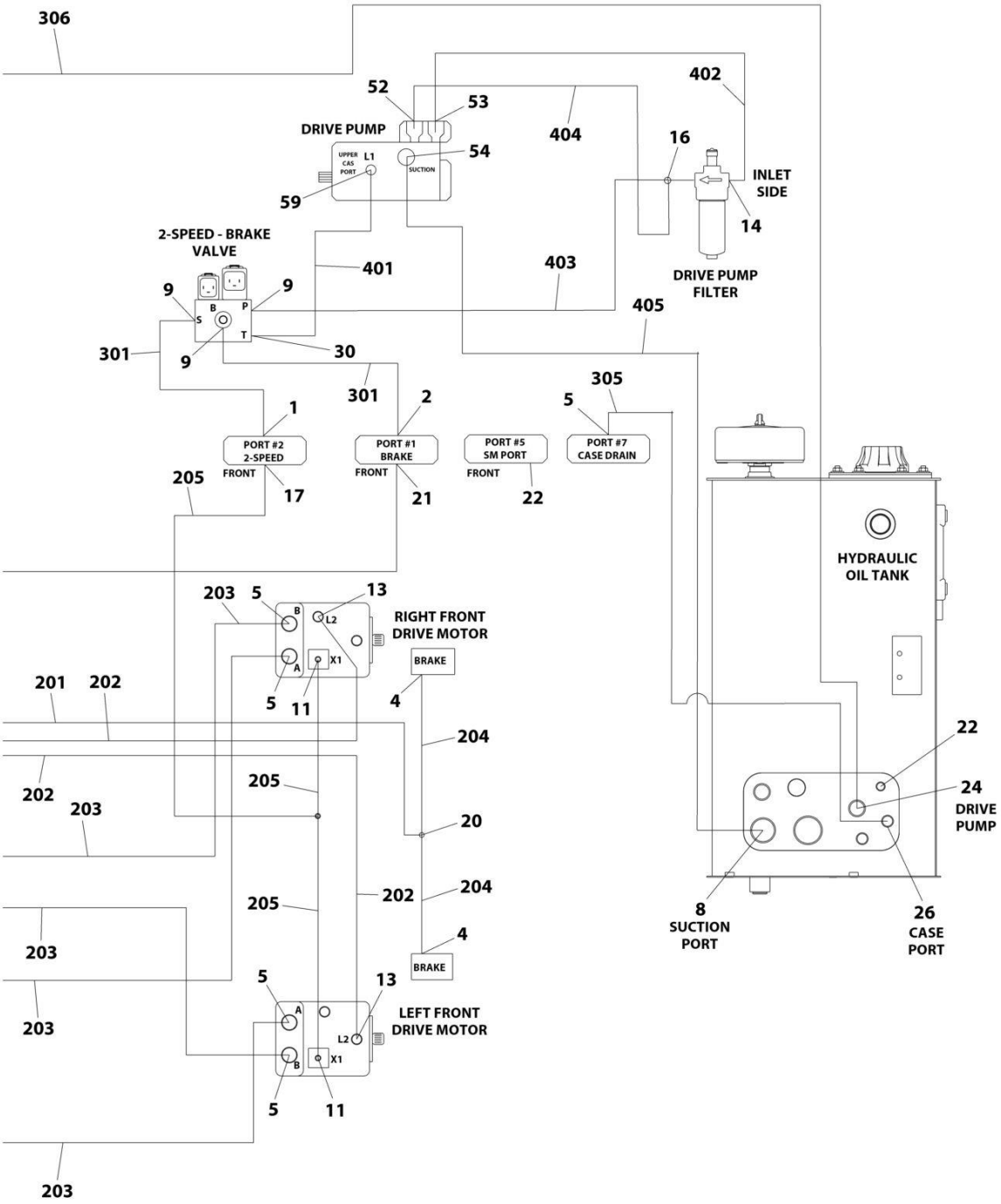
## FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001157400 | Ref | AXLE LOCKOUT HYDRAULIC DIAGRAM | G |
| 1 | 2110404 | 2 | Fitting, Straight ORFS/ORB | |
| 2 | 2110606 | 3 | Fitting, Straight ORFS/ORB | |
| 3 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 100 | 1001270068 | 1 | Hose Lockout Kit | |
| 101 | 1001198336 | 1 | Hose with Crimped Tee | |
| 102 | 1001198339 | 1 | Hose with Crimped Tee | |

## FIGURE 7-2. HYDRAULIC DIAGRAM - DRIVE (4WD WITHOUT ARCTIC PACKAGE)




ART_1001178219_1OF2



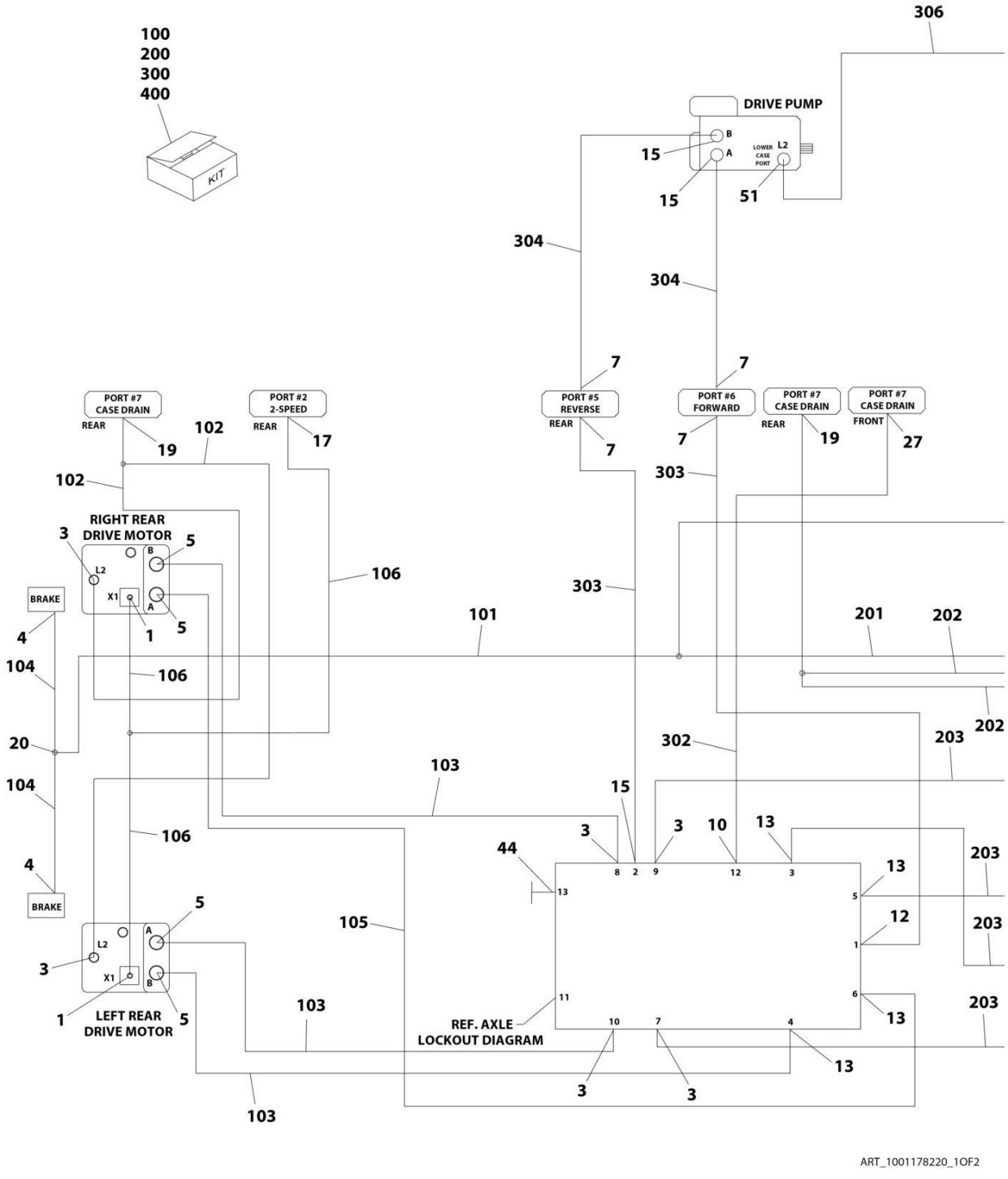

ART_1001178219_2OF2

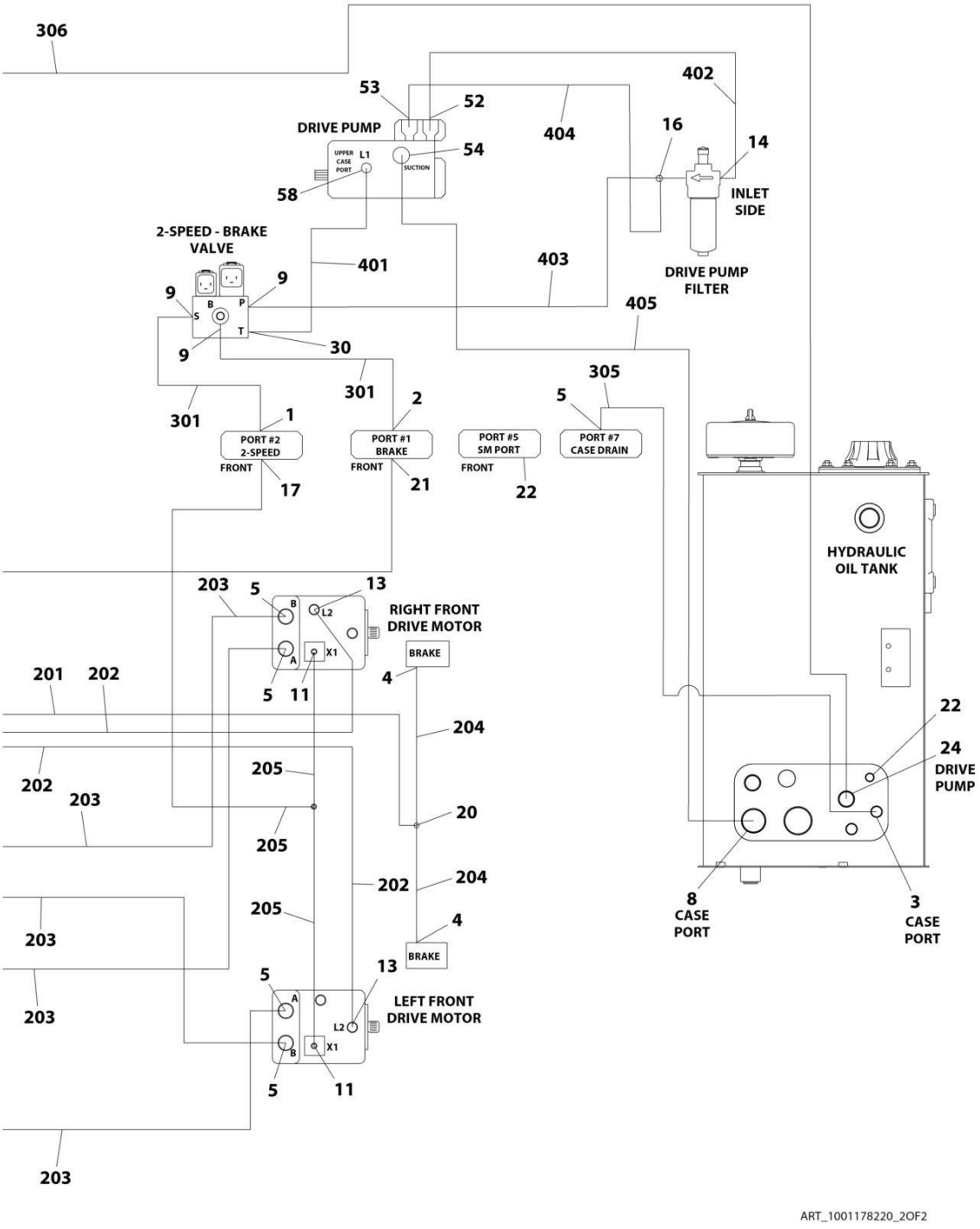
## FIGURE 7-2. HYDRAULIC DIAGRAM - DRIVE (4WD WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178219 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | E |
| 1 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 2 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 3 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 4 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 7 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 8 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 10 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 11 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 12 | 2151616 | 1 | Fitting, 90 ORFS/ORB | |
| 13 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 14 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2131616 | 3 | Fitting, 90 ORFS/ORB | |
| 16 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 17 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 19 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 20 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 21 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 22 | 2220237 | 2 | Fitting, Plug ORB | |
| 24 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 27 | 2130606 | 1 | Fitting, 90 ORFS/ORB | |
| 30 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 44 | 2220238 | 1 | Plug | |
| 51 | 2131212 | 1 | Fitting, 90 ORFS/ORB | |
| 52 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 53 | 2111016 | 1 | Fitting, Straight ORFS/ORB | |
| 54 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 59 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Arctic Towbar Hose Kit | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 200 | 1001270070 | 1 | Front Hose Kit | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2753628 | 2 | Hose | |
| 203 | 2753970 | 4 | Hose | |
| 204 | 2754512 | 2 | Hose | |
| 205 | 1001198341 | 1 | Hose with Crimped Tee | |
| 300 | 1001270071 | 1 | Arctic Turntable Hose Kit | |
| 301 | 2753540 | 2 | Hose | |
| 302 | 2753626 | 1 | Hose | |
| 303 | 2753634 | 2 | Hose | |
| 304 | 2753667 | 2 | Hose | |
| 305 | 2753685 | 1 | Hose | |
| 306 | 2753699 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 400 | 1001270072 | 1 | Arctic Turntable Hose Kit | |
| 401 | 2753555 | 1 | Hose | |
| 402 | 2753768 | 1 | Hose | |
| 403 | 1001095307 | 1 | Hose | |
| 404 | 1001095308 | 1 | Hose | |
| 405 | 1001157866 | 1 | Hose | |

## FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (4WD WITH ARCTIC PACKAGE)





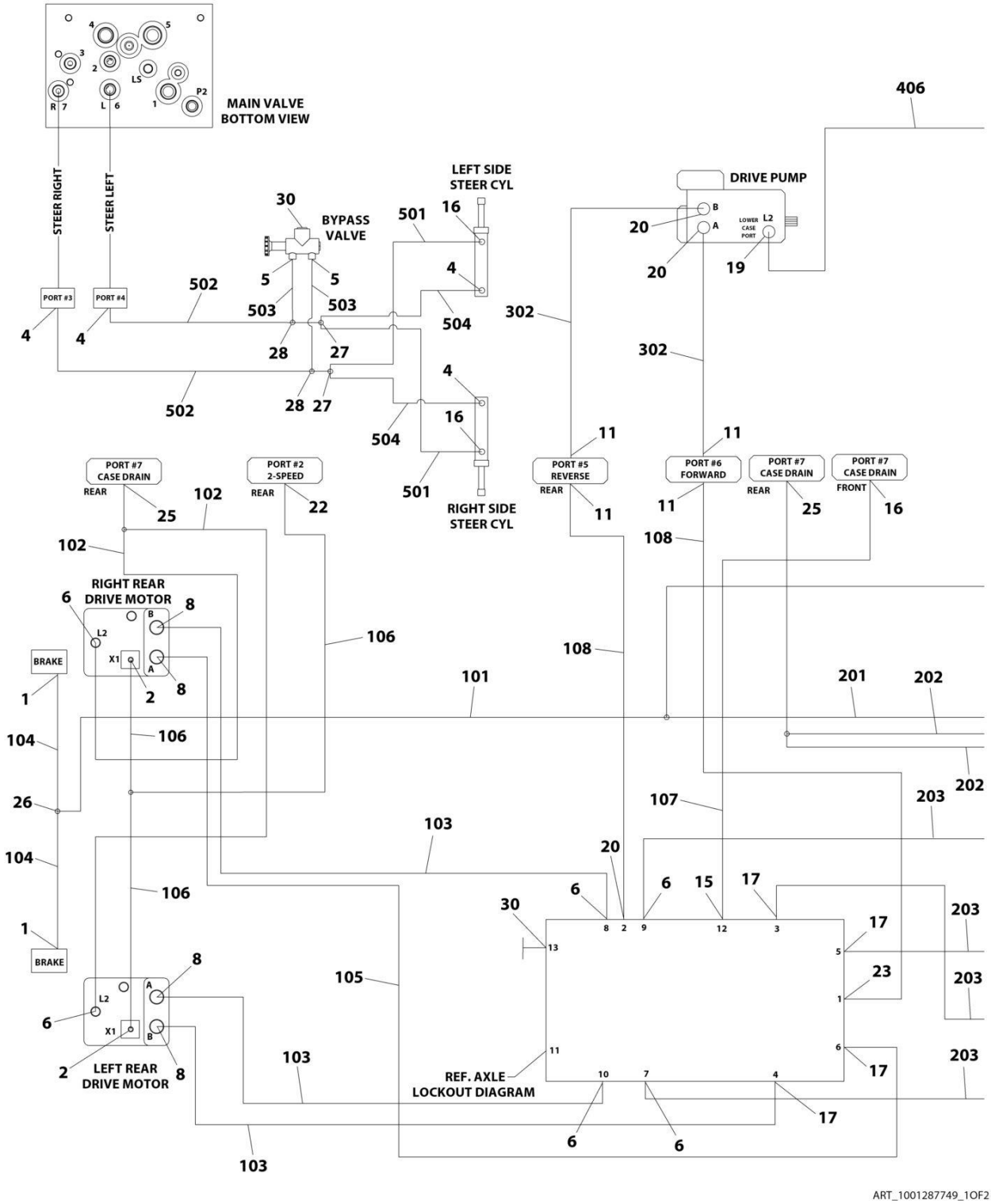

ART_1001178220_2OF2

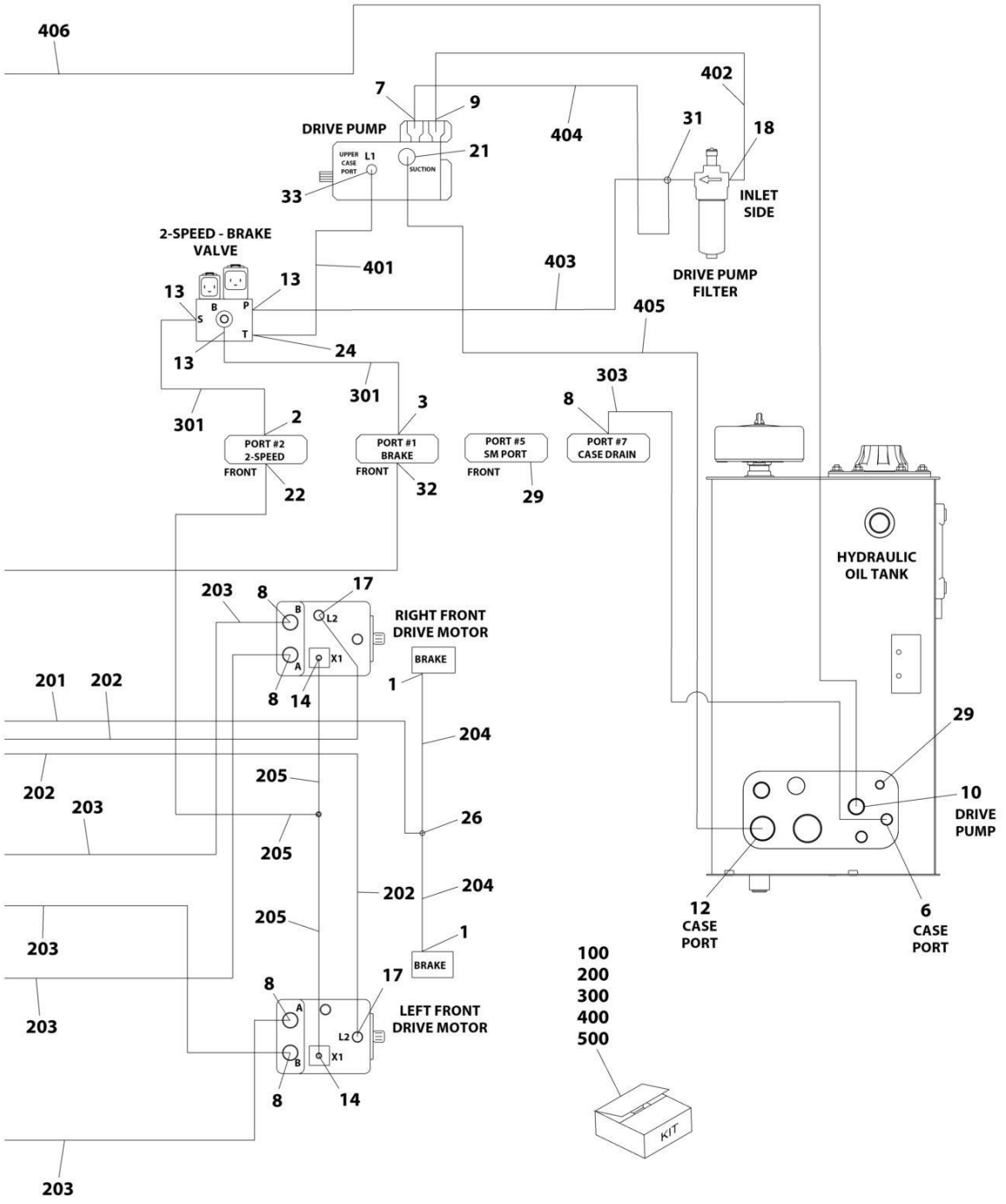
## FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (4WD WITH ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178220 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | F |
| 1 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 2 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 3 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 4 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 7 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 8 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 10 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 11 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 12 | 2151616 | 1 | Fitting, 90 ORFS/ORB | |
| 13 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 14 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2131616 | 3 | Fitting, 90 ORFS/ORB | |
| 16 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 17 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 19 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 20 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 21 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 22 | 2220237 | 2 | Fitting, Plug ORB | |
| 24 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 27 | 2130606 | 1 | Fitting, 90 ORFS/ORB | |
| 30 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 44 | 2220238 | 1 | Hose | |
| 51 | 2131212 | 1 | Fitting, 90 ORFS/ORB | |
| 52 | 2111016 | 1 | Fitting, Straight ORFS/ORB | |
| 53 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 54 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 58 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Arctic Towbar Hose Kit | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 200 | 1001270073 | 1 | Arctic Towbar Hose Kit | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2754720 | 2 | Hose | |
| 203 | 2754743 | 4 | Hose | |
| 204 | 1001106957 | 2 | Hose | |
| 205 | 1001204269 | 1 | Hose with Crimped Tee | |
| 300 | 1001270071 | 1 | Arctic Turntable Hose Kit | |
| 301 | 2753540 | 2 | Hose | |
| 302 | 2753626 | 1 | Hose | |
| 303 | 2753634 | 2 | Hose | |
| 304 | 2753667 | 2 | Hose | |
| 305 | 2753685 | 1 | Hose | |
| 306 | 2753699 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 400 | 1001270072 | 1 | Arctic Turntable Hose Kit | |
| 401 | 2753555 | 1 | Hose | |
| 402 | 2753768 | 1 | Hose | |
| 403 | 1001095307 | 1 | Hose | |
| 404 | 1001095308 | 1 | Hose | |
| 405 | 1001157866 | 1 | Hose | |

## FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD WITH TOW BAR PACKAGE)



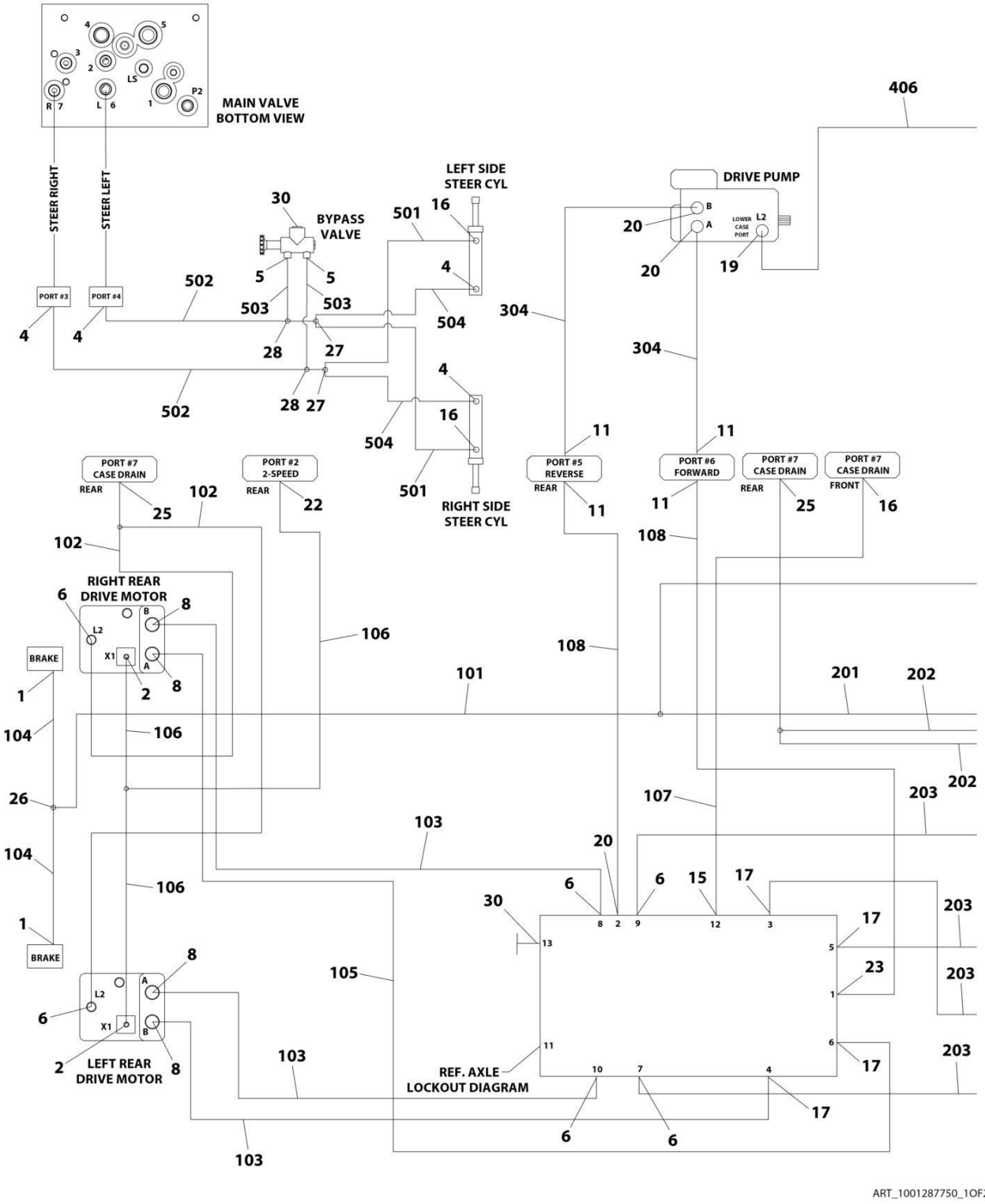

406
7
9
DRIVE PUMP
UPPER CASE PORT
L1
SUCTION
21
33
404
402
31
18
INLET SIDE
DRIVE PUMP FILTER
403
401
2-SPEED - BRAKE VALVE
13
13
B
P
S
T
13
24
405
303
8
301
301
2
3
PORT #2 2-SPEED
FRONT
22
PORT #1 BRAKE
FRONT
32
PORT #5 SM PORT
FRONT
29
PORT #7 CASE DRAIN
HYDRAULIC OIL TANK
203
8
17
B
L2
A
X1
8
14
RIGHT FRONT DRIVE MOTOR
BRAKE
1
201
202
204
205
202
203
26
205
29
10
DRIVE PUMP
202
204
205
1
BRAKE
203
203
8
17
A
L2
B
X1
8
14
LEFT FRONT DRIVE MOTOR
203
12
CASE PORT
6
CASE PORT
100
200
300
400
500
KIT
ART_1001287749_2OF2

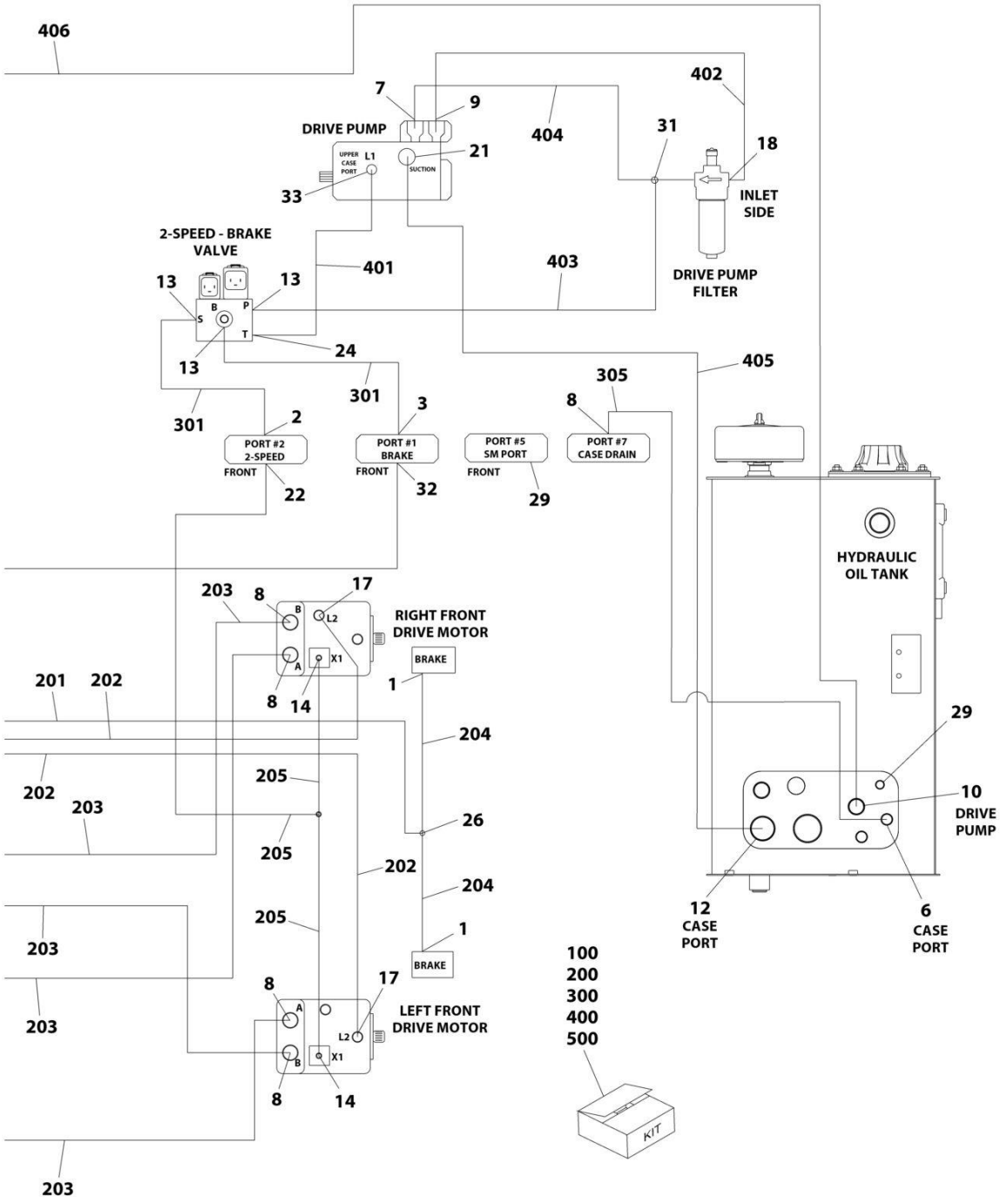
## FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD WITH TOW BAR PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001287749 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | A |
| 1 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 2 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 3 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 4 | 2110606 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110608 | 2 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 7 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 8 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 9 | 2111016 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 11 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 12 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 13 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 14 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 15 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 16 | 2130606 | 3 | Fitting, 90 ORFS/ORB | |
| 17 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 18 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 19 | 2131212 | 1 | Fitting, 90 ORFS/ORB | |
| 20 | 2131616 | 3 | Fitting, 90 ORFS/ORB | |
| 21 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 22 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 23 | 2151616 | 1 | Fitting, 90 ORFS/ORB | |
| 24 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 25 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 26 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 27 | 2170506 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 28 | 2170706 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 29 | 2220237 | 2 | Fitting, Plug ORB | |
| 30 | 2220238 | 2 | Hose | |
| 31 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 32 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 33 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Arctic Towbar Hose Kit | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 107 | 2753626 | 1 | Hose | |
| 108 | 2753634 | 2 | Hose | |
| 200 | 1001270070 | 1 | Front Hose Kit | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2753628 | 2 | Hose | |
| 203 | 2753970 | 4 | Hose | |
| 204 | 2754512 | 2 | Hose | |
| 205 | 1001198341 | 1 | Hose | |
| 300 | 1001270071 | 1 | Arctic Turntable Hose Kit | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 301 | 2753540 | 2 | Hose | |
| 302 | 2753667 | 2 | Hose | |
| 303 | 2753685 | 1 | Hose | |
| 400 | 1001270072 | 1 | Arctic Turntable Hose Kit | |
| 401 | 2753555 | 1 | Hose | |
| 402 | 2753768 | 1 | Hose | |
| 403 | 1001095307 | 1 | Hose | |
| 404 | 1001095308 | 1 | Hose | |
| 405 | 1001157866 | 1 | Hose | |
| 406 | 2753699 | 1 | Hose | |
| 500 | 1001270077 | 1 | Towbar Front Hose Kit | |
| 501 | 2753656 | 2 | Hose | |
| 502 | 2753732 | 2 | Hose | |
| 503 | 2753879 | 2 | Hose | |
| 504 | 1001159340 | 2 | Hose | |

## FIGURE 7-5. HYDRAULIC DIAGRAM - DRIVE (4WD WITH ARCTIC & TOW BAR PACKAGE)





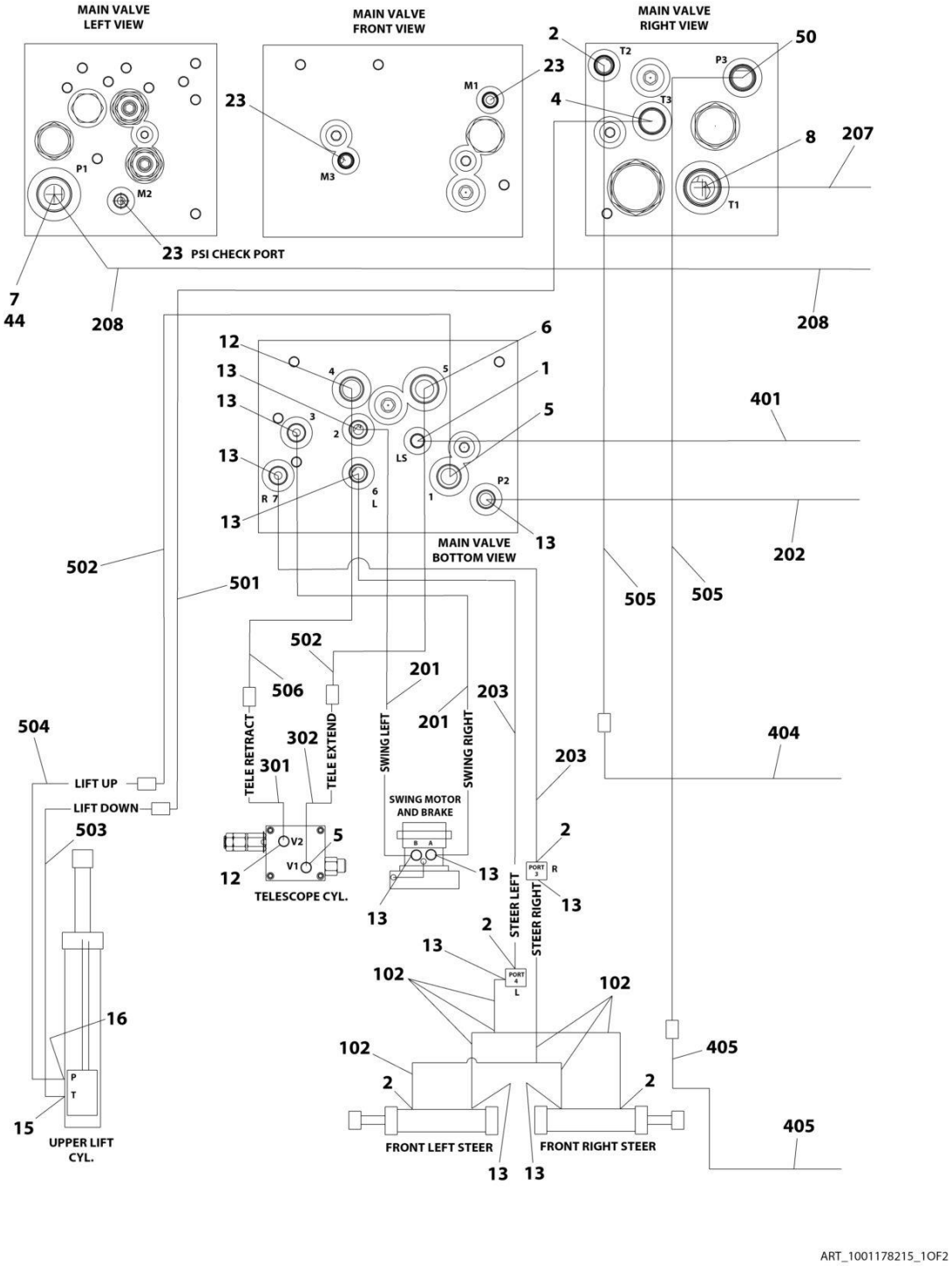

ART_1001287750_2OF2

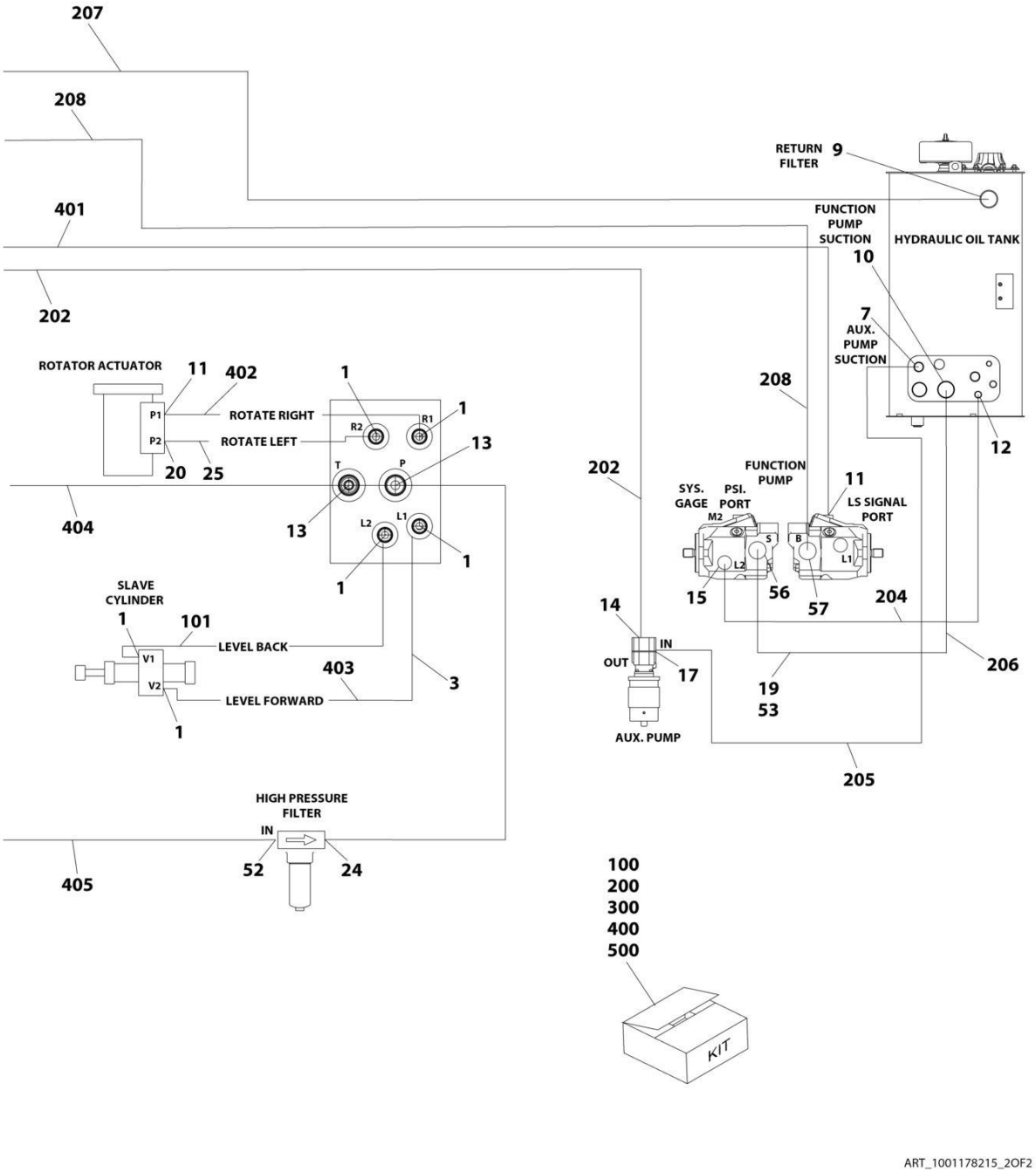
## FIGURE 7-5. HYDRAULIC DIAGRAM - DRIVE (4WD WITH ARCTIC & TOW BAR PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001287750 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | A |
| 1 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 2 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 3 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 4 | 2110606 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110608 | 2 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 7 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 8 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 9 | 2111016 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 11 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 12 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 13 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 14 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 15 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 16 | 2130606 | 3 | Fitting, 90 ORFS/ORB | |
| 17 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 18 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 19 | 2131212 | 1 | Fitting, 90 ORFS/ORB | |
| 20 | 2131616 | 3 | Fitting, 90 ORFS/ORB | |
| 21 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 22 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 23 | 2151616 | 1 | Fitting, 90 ORFS/ORB | |
| 24 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 25 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 26 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 27 | 2170506 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 28 | 2170706 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 29 | 2220237 | 2 | Fitting, Plug ORB | |
| 30 | 2220238 | 1 | Hose | |
| 31 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 32 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 33 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Arctic Towbar Hose Kit | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 107 | 2753626 | 1 | Hose | |
| 108 | 2753634 | 2 | Hose | |
| 200 | 1001270073 | 1 | Arctic Towbar Hose Kit | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2754720 | 2 | Hose | |
| 203 | 2754743 | 4 | Hose | |
| 204 | 1001106957 | 2 | Hose | |
| 205 | 1001204269 | 1 | Hose with Crimped Tee | |
| 300 | 1001270071 | 1 | Arctic Turntable Hose Kit | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 301 | 2753540 | 2 | Hose | |
| 304 | 2753667 | 2 | Hose | |
| 305 | 2753685 | 1 | Hose | |
| 400 | 1001270072 | 1 | Arctic Turntable Hose Kit | |
| 401 | 2753555 | 1 | Hose | |
| 402 | 2753768 | 1 | Hose | |
| 403 | 1001095307 | 1 | Hose | |
| 404 | 1001095308 | 1 | Hose | |
| 405 | 1001157866 | 1 | Hose | |
| 406 | 2753699 | 1 | Hose | |
| 500 | 1001270077 | 1 | Towbar Front Hose Kit | |
| 501 | 2753656 | 2 | Hose | |
| 502 | 2753732 | 2 | Hose | |
| 503 | 2753879 | 2 | Hose | |
| 504 | 1001159340 | 2 | Hose | |

## FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (WITHOUT TOW BAR PACKAGE) (SN STARTING WITH 03) (800S HC3)





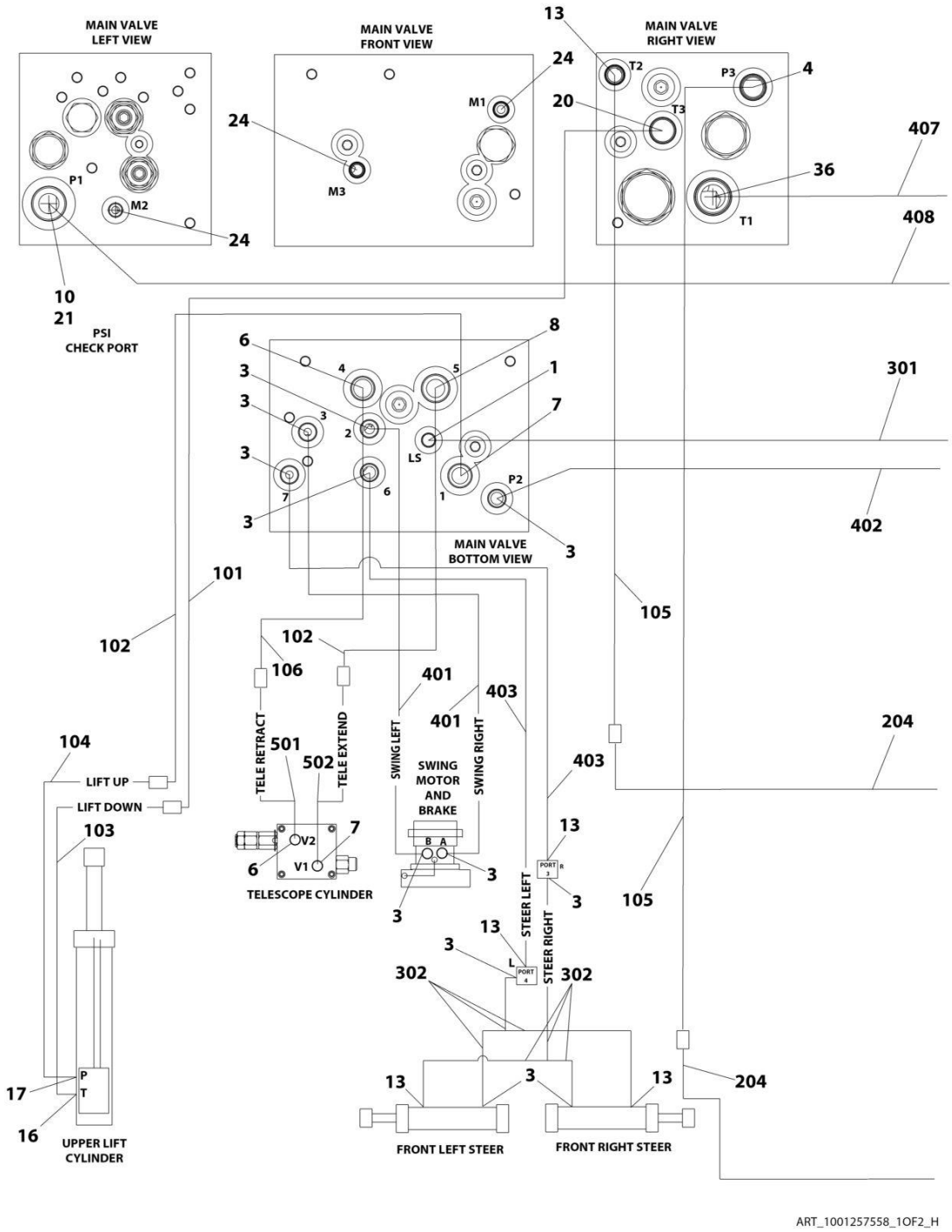

ART_1001178215_2OF2

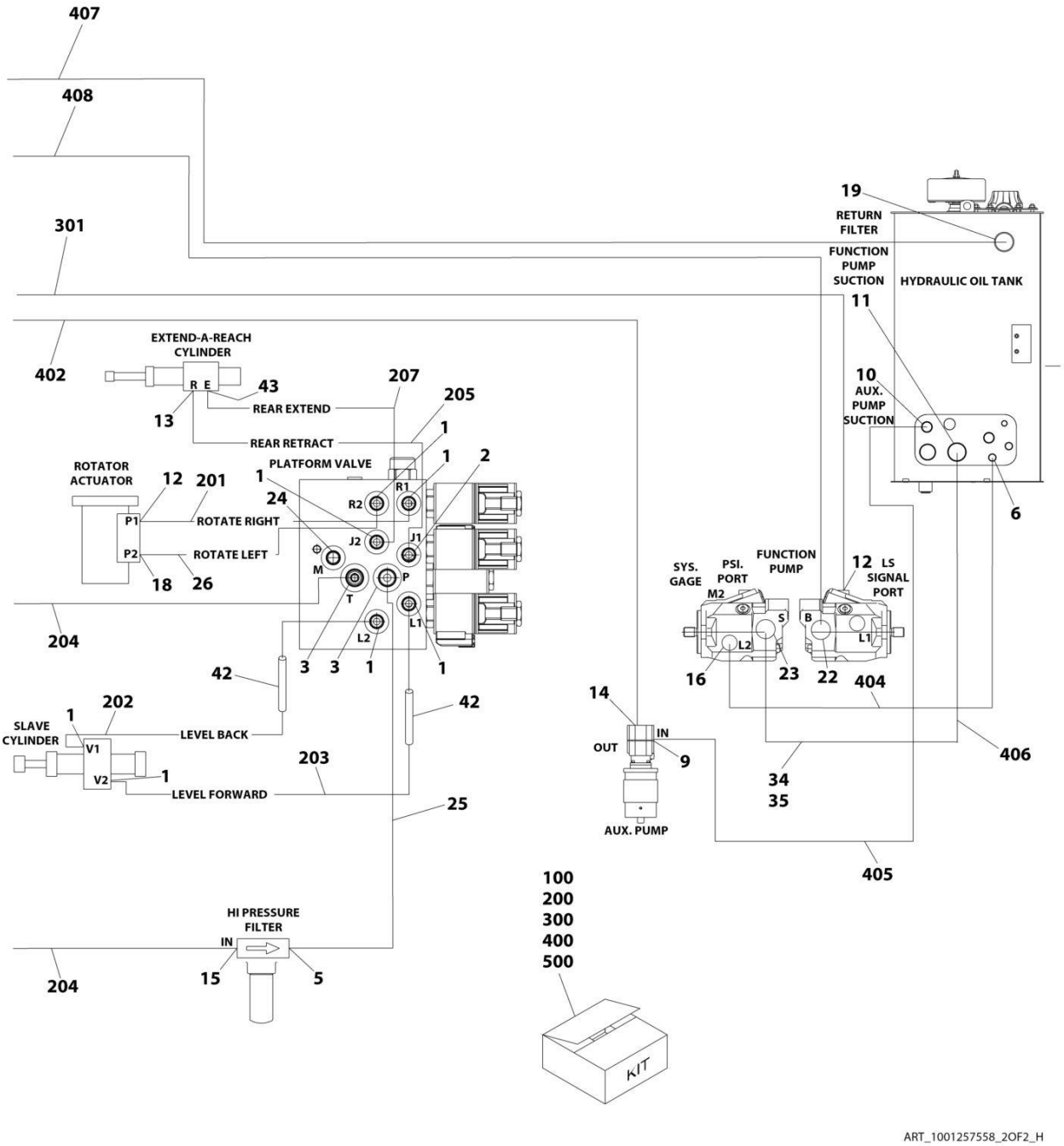
## FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (WITHOUT TOW BAR PACKAGE) (SN STARTING WITH 03) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178215 | Ref | STANDARD HYDRAULIC DIAGRAM | L |
| 1 | 2110404 | 7 | Fitting, Straight ORFS/ORB | |
| 2 | 2110606 | 5 | Fitting, Straight ORFS/ORB | |
| 3 | 2717059 | 1 | Hose | |
| 4 | 2170208 | 1 | Fitting, 90 ORFS/ORB | |
| 5 | 2111008 | 2 | Fitting, Straight ORFS/ORB | |
| 6 | 2111010 | 1 | Fitting, Straight ORFS/ORB | |
| 7 | 2111212 | 2 | Fitting, Straight ORFS/ORB | |
| 8 | 88662327 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 10 | 2112424 | 1 | Fitting, Straight ORFS/ORB | |
| 11 | 2130404 | 2 | Fitting, 90 ORFS/ORB | |
| 12 | 2110808 | 3 | Fitting, Straight ORFS/ORB | |
| 13 | 2130606 | 13 | Fitting, 90 ORFS/ORB | |
| 14 | 2130608 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130810 | 2 | Fitting, 90 ORFS/ORB | |
| 16 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 17 | 2111208 | 1 | Fitting, Straight ORFS/ORB | |
| 19 | 4240018 | 3 | Tie-Strap | |
| 20 | 2150404 | 1 | Fitting, 45 ORFS/ORB | |
| 23 | 2221086 | 3 | Fitting, Pressure Check | |
| 24 | 2110612 | 1 | Fitting, Straight ORFS/ORB | |
| 25 | 2753545 | 1 | Hose | |
| 44 | 2172112 | 1 | Fitting, 90 ORFS/FSORFS | |
| 50 | 2110608 | 1 | Fitting, Straight ORFS/ORB | |
| 52 | 2130612 | 1 | Fitting, 90 ORFS/ORB | |
| 53 | 4061032 | 1 | Hose, Guard | |
| 56 | 2220737 | 1 | Split Flange Kit | |
| 57 | 2220478 | 1 | Split Flange Kit | |
| 100 | 1001270074 | 1 | Towbar Steer Hose Kit | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 1001198333 | 2 | Hose with Crimped Tee | |
| 200 | 1001270075 | 1 | Turntable Hose Kit | |
| 201 | 2753653 | 2 | Hose | |
| 202 | 2753654 | 1 | Hose | |
| 203 | 2753656 | 2 | Hose | |
| 204 | 2753686 | 1 | Hose | |
| 205 | 1001111968 | 1 | Hose | |
| 206 | 1001157851 | 1 | Hose | |
| 207 | 1001177226 | 1 | Hose | |
| 208 | 1001181894 | 1 | Hose | |
| 300 | 1001270076 | 1 | Boom Hose Kit | |
| 301 | 2753681 | 1 | Hose | |
| 302 | 2753683 | 1 | Hose | |
| 400 | 1001271618 | 1 | Hose Kit | |
| 401 | 2753622 | 1 | Hose | |
| 402 | 2753674 | 1 | Hose | |
| 403 | 2753675 | 1 | Hose | |
| 404 | 2753679 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 405 | 2753693 | 1 | Hose | |
| 500 | 1001271619 | 1 | Hose Kit | |
| 501 | 2753670 | 1 | Hose | |
| 502 | 2753671 | 2 | Hose | |
| 503 | 2753682 | 1 | Hose | |
| 504 | 2753684 | 1 | Hose | |
| 505 | 1001167194 | 2 | Hose | |
| 506 | 1001167196 | 1 | Hose | |

## FIGURE 7-7. HYDRAULIC DIAGRAM - STANDARD (WITHOUT TOW BAR PACKAGE) (SN STARTING WITH 03) (860SJ HC3)



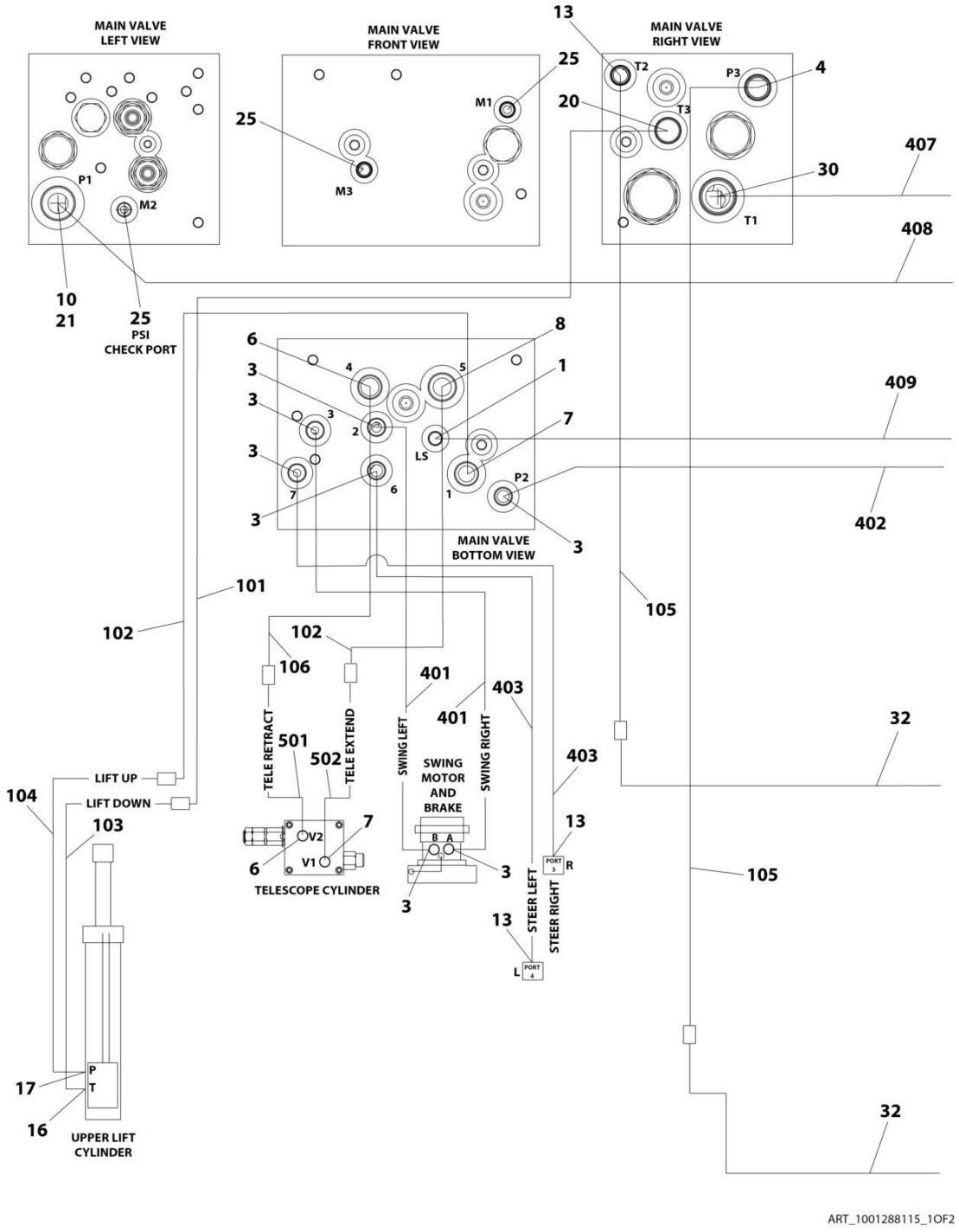

407
408
301
402
204
204
19
RETURN FILTER
FUNCTION PUMP SUCTION
HYDRAULIC OIL TANK
11
10
AUX. PUMP SUCTION
6
EXTEND-A-REACH CYLINDER
R E
43
13
REAR EXTEND
REAR RETRACT
207
205
1
1
2
PLATFORM VALVE
ROTATOR ACTUATOR
12
201
1
24
P1
P2
ROTATE RIGHT
ROTATE LEFT
18
26
R1
R2
J2
J1
M
P
T
L2
L1
3
3
1
1
42
42
202
1
SLAVE CYLINDER
V1
V2
1
LEVEL BACK
LEVEL FORWARD
203
25
HI PRESSURE FILTER
IN
15
5
SYS. GAGE
PSI. PORT
M2
FUNCTION PUMP
12
LS SIGNAL PORT
S
B
L2
L1
16
23
22
404
406
14
IN
OUT
9
AUX. PUMP
34
35
405
100
200
300
400
500
KIT
ART_1001257558_2OF2_H

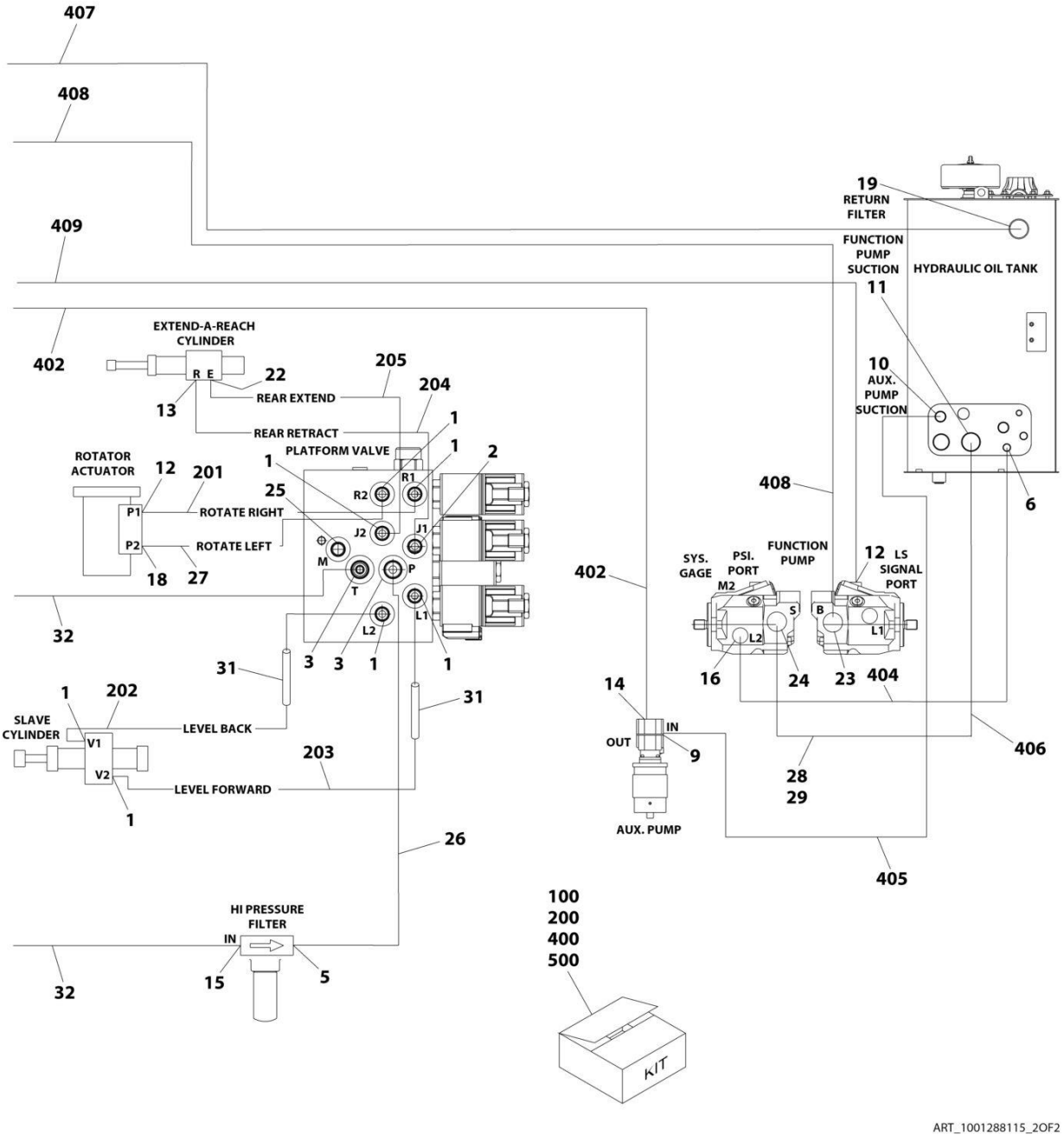
## FIGURE 7-7. HYDRAULIC DIAGRAM - STANDARD (WITHOUT TOW BAR PACKAGE) (SN STARTING WITH 03) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257558 | Ref | STANDARD HYDRAULIC DIAGRAM | H |
| 1 | 2110404 | 8 | Fitting, Straight ORFS/ORB | |
| 2 | 2110604 | 1 | Fitting, Straight ORFS/ORB | |
| 3 | 2110606 | 13 | Fitting, Straight ORFS/ORB | |
| 4 | 2110608 | 1 | Fitting, Straight ORFS/ORB | |
| 5 | 2110612 | 1 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 3 | Fitting, Straight ORFS/ORB | |
| 7 | 2111008 | 2 | Fitting, Straight ORFS/ORB | |
| 8 | 2111010 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2111208 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111212 | 2 | Fitting, Straight ORFS/ORB | |
| 11 | 2112424 | 1 | Fitting, Straight ORFS/ORB | |
| 12 | 2130404 | 2 | Fitting, 90 ORFS/ORB | |
| 13 | 2130606 | 6 | Fitting, 90 ORFS/ORB | |
| 14 | 2130608 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130612 | 1 | Fitting, 90 ORFS/ORB | |
| 16 | 2130810 | 2 | Fitting, 90 ORFS/ORB | |
| 17 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2150404 | 1 | Fitting, 45 ORFS/ORB | |
| 19 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 20 | 2170208 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2172112 | 1 | Fitting, 90 ORFS/FSORFS | |
| 22 | 2220478 | 1 | Split Flange Kit | |
| 23 | 2220737 | 1 | Split Flange Kit | |
| 24 | 2221086 | 4 | Fitting, Pressure Check | |
| 25 | 2717059 | 1 | Hose | |
| 26 | 2753545 | 1 | Hose | |
| 34 | 4061032 | 1 | Hose, Guard | |
| 35 | 4240018 | 3 | Tie-Strap | |
| 36 | 88662327 | 1 | Fitting, Straight ORFS/ORB | |
| 42 | 1001257430 | 1 | Cover, Hose | |
| 43 | 2180829 | 1 | Fitting, 90 ORFS/ORB | |
| 100 | 2902461 | 1 | Hose Kit | |
| 101 | 2753670 | 1 | Hose | |
| 102 | 2753671 | 2 | Hose | |
| 103 | 2753682 | 1 | Hose | |
| 104 | 2753684 | 1 | Hose | |
| 105 | 1001167194 | 2 | Hose | |
| 106 | 1001167196 | 1 | Hose | |
| 200 | 1001259338 | 1 | Hose Kit | |
| 201 | 2753674 | 1 | Hose | |
| 202 | 2753677 | 1 | Hose | |
| 203 | 2753678 | 1 | Hose | |
| 204 | 1001257509 | 2 | Hose | |
| 205 | 1001269199 | 1 | Hose | |
| 207 | 1001285674 | 1 | Hose | |
| 300 | 1001270074 | 1 | Hose Kit | |
| 301 | 2753622 | 1 | Hose | |
| 302 | 1001198333 | 2 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 400 | 1001270075 | 1 | Hose Kit | |
| 401 | 2753653 | 2 | Hose | |
| 402 | 2753654 | 1 | Hose | |
| 403 | 2753656 | 2 | Hose | |
| 404 | 2753686 | 1 | Hose | |
| 405 | 1001111968 | 1 | Hose | |
| 406 | 1001157851 | 1 | Hose | |
| 407 | 1001177226 | 1 | Hose | |
| 408 | 1001181894 | 1 | Hose | |
| 500 | 1001270076 | 1 | Hose Kit | |
| 501 | 2753681 | 1 | Hose | |
| 502 | 2753683 | 1 | Hose | |

## FIGURE 7-8. HYDRAULIC DIAGRAM - STANDARD (WITHOUT TOW BAR PACKAGE) (SN STARTING WITH B3) (860SJ HC3)





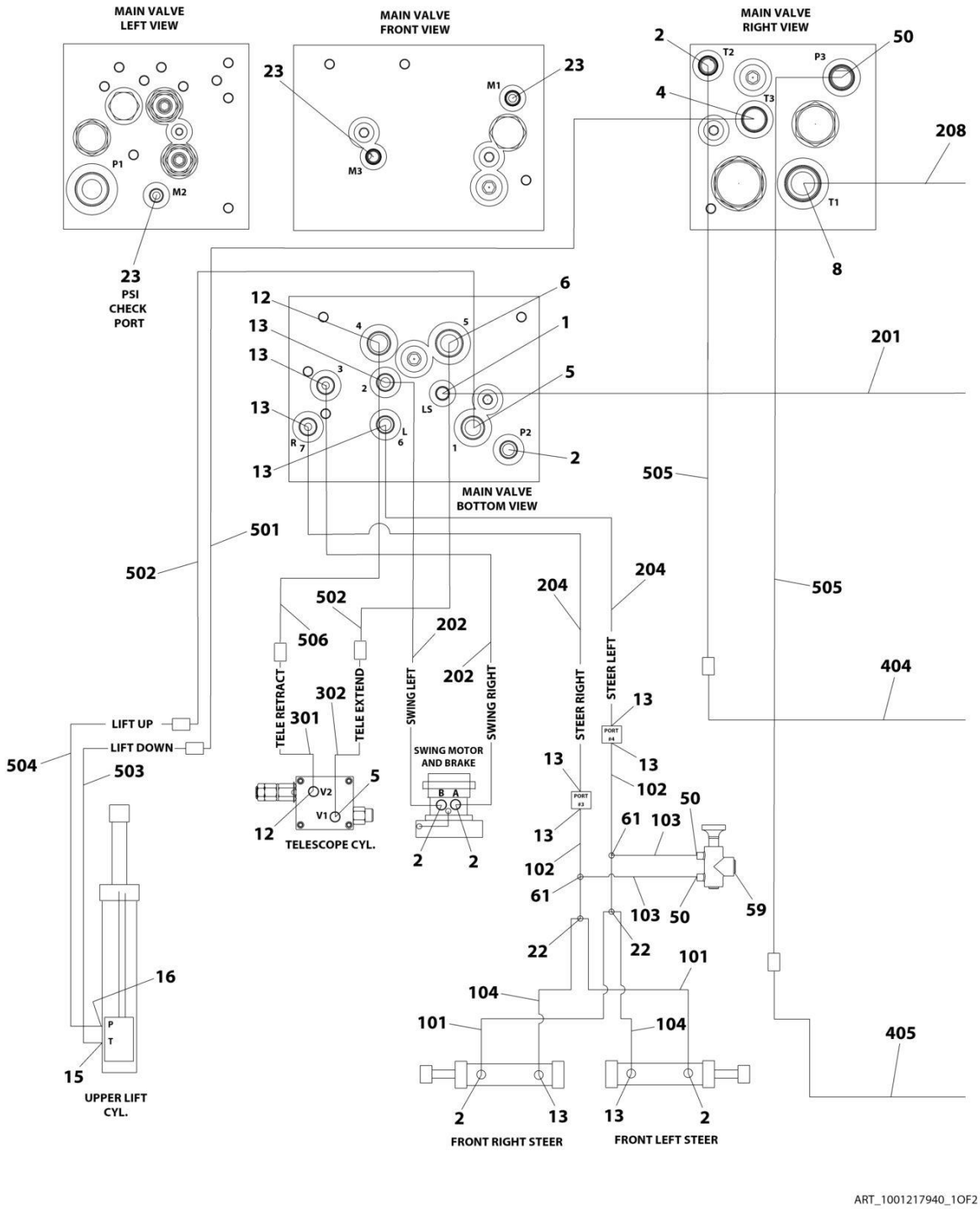

ART_1001288115_2OF2

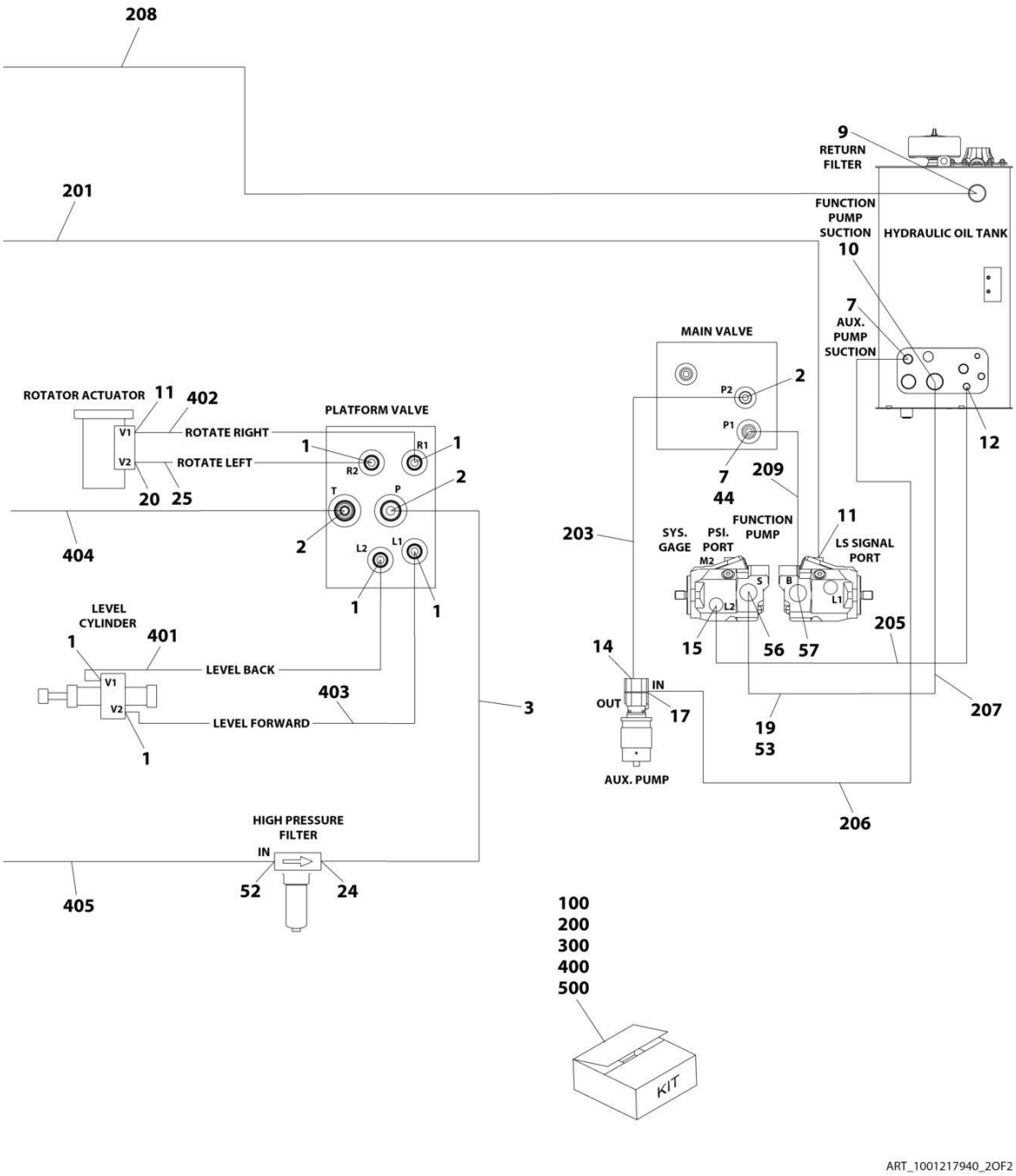
## FIGURE 7-8. HYDRAULIC DIAGRAM - STANDARD (WITHOUT TOW BAR PACKAGE) (SN STARTING WITH B3) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001288115 | Ref | STANDARD HYDRAULIC DIAGRAM | A |
| 1 | 2110404 | 8 | Fitting, Straight ORFS/ORB | |
| 2 | 2110604 | 1 | Fitting, Straight ORFS/ORB | |
| 3 | 2110606 | 9 | Fitting, Straight ORFS/ORB | |
| 4 | 2110608 | 1 | Fitting, Straight ORFS/ORB | |
| 5 | 2110612 | 1 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 3 | Fitting, Straight ORFS/ORB | |
| 7 | 2111008 | 2 | Fitting, Straight ORFS/ORB | |
| 8 | 2111010 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2111208 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111212 | 2 | Fitting, Straight ORFS/ORB | |
| 11 | 2112424 | 1 | Fitting, Straight ORFS/ORB | |
| 12 | 2130404 | 2 | Fitting, 90 ORFS/ORB | |
| 13 | 2130606 | 4 | Fitting, 90 ORFS/ORB | |
| 14 | 2130608 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130612 | 1 | Fitting, 90 ORFS/ORB | |
| 16 | 2130810 | 2 | Fitting, 90 ORFS/ORB | |
| 17 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2150404 | 1 | Fitting, 45 ORFS/ORB | |
| 19 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 20 | 2170208 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2172112 | 1 | Fitting, 90 ORFS/FSORFS | |
| 22 | 2180829 | 1 | Fitting, 90 ORFS/ORB | |
| 23 | 2220478 | 1 | Split Flange Kit | |
| 24 | 2220737 | 1 | Split Flange Kit | |
| 25 | 2221086 | 4 | Fitting, Pressure Check | |
| 26 | 2717059 | 1 | Hose | |
| 27 | 2753545 | 1 | Hose | |
| 28 | 4061032 | 1 | Hose, Guard | |
| 29 | 4240018 | 3 | Tie-Strap | |
| 30 | 88662327 | 1 | Fitting, Straight ORFS/ORB | |
| 31 | 1001257430 | 1 | Cover, Hose | |
| 32 | 1001257509 | 2 | Hose | |
| 100 | 1001271619 | 1 | Hose Kit | |
| 101 | 2753670 | 1 | Hose | |
| 102 | 2753671 | 2 | Hose | |
| 103 | 2753682 | 1 | Hose | |
| 104 | 2753684 | 1 | Hose | |
| 105 | 1001167194 | 2 | Hose | |
| 106 | 1001167196 | 1 | Hose | |
| 200 | 1001288114 | 1 | Hose Kit | |
| 201 | 2753674 | 1 | Hose | |
| 202 | 2753677 | 1 | Hose | |
| 203 | 2753678 | 1 | Hose | |
| 204 | 1001269199 | 1 | Hose | |
| 205 | 1001285674 | 1 | Hose | |
| 400 | 1001270075 | 1 | Hose Kit | |
| 401 | 2753653 | 2 | Hose | |
| 402 | 2753654 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 403 | 2753656 | 2 | Hose | |
| 404 | 2753686 | 1 | Hose | |
| 405 | 1001111968 | 1 | Hose | |
| 406 | 1001157851 | 1 | Hose | |
| 407 | 1001177226 | 1 | Hose | |
| 408 | 1001181894 | 1 | Hose | |
| 409 | 2753622 | 1 | Hose | |
| 500 | 1001270076 | 1 | Hose Kit | |
| 501 | 2753681 | 1 | Hose | |
| 502 | 2753683 | 1 | Hose | |

## FIGURE 7-9. HYDRAULIC DIAGRAM - STANDARD (WITH TOW BAR PACKAGE) (SN STARTING WITH 03) (800S HC3)



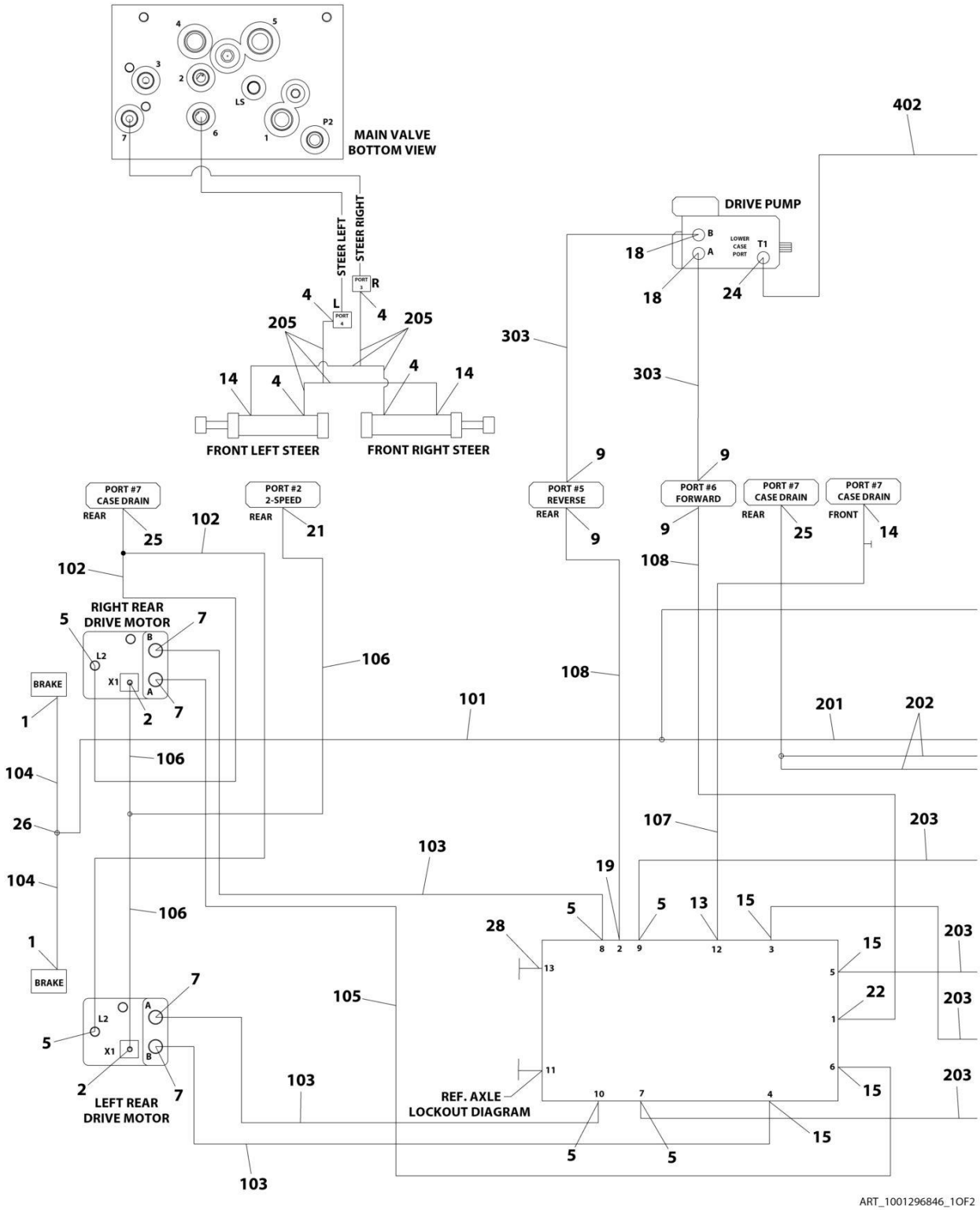

208
201
9
RETURN FILTER
FUNCTION PUMP SUCTION
HYDRAULIC OIL TANK
10
7
AUX. PUMP SUCTION
12
MAIN VALVE
2
P2
P1
7
44
209
ROTATOR ACTUATOR
11
402
ROTATE RIGHT
ROTATE LEFT
V1
V2
20
25
PLATFORM VALVE
R1
R2
T
P
L2
L1
1
2
404
203
SYS. GAGE
PSI. PORT
FUNCTION PUMP
M2
S
B
L1
L2
11
LS SIGNAL PORT
15
56
57
205
LEVEL CYLINDER
401
LEVEL BACK
LEVEL FORWARD
403
3
14
IN
OUT
17
19
53
207
AUX. PUMP
206
HIGH PRESSURE FILTER
IN
52
24
405
100
200
300
400
500
KIT
ART_1001217940_2OF2

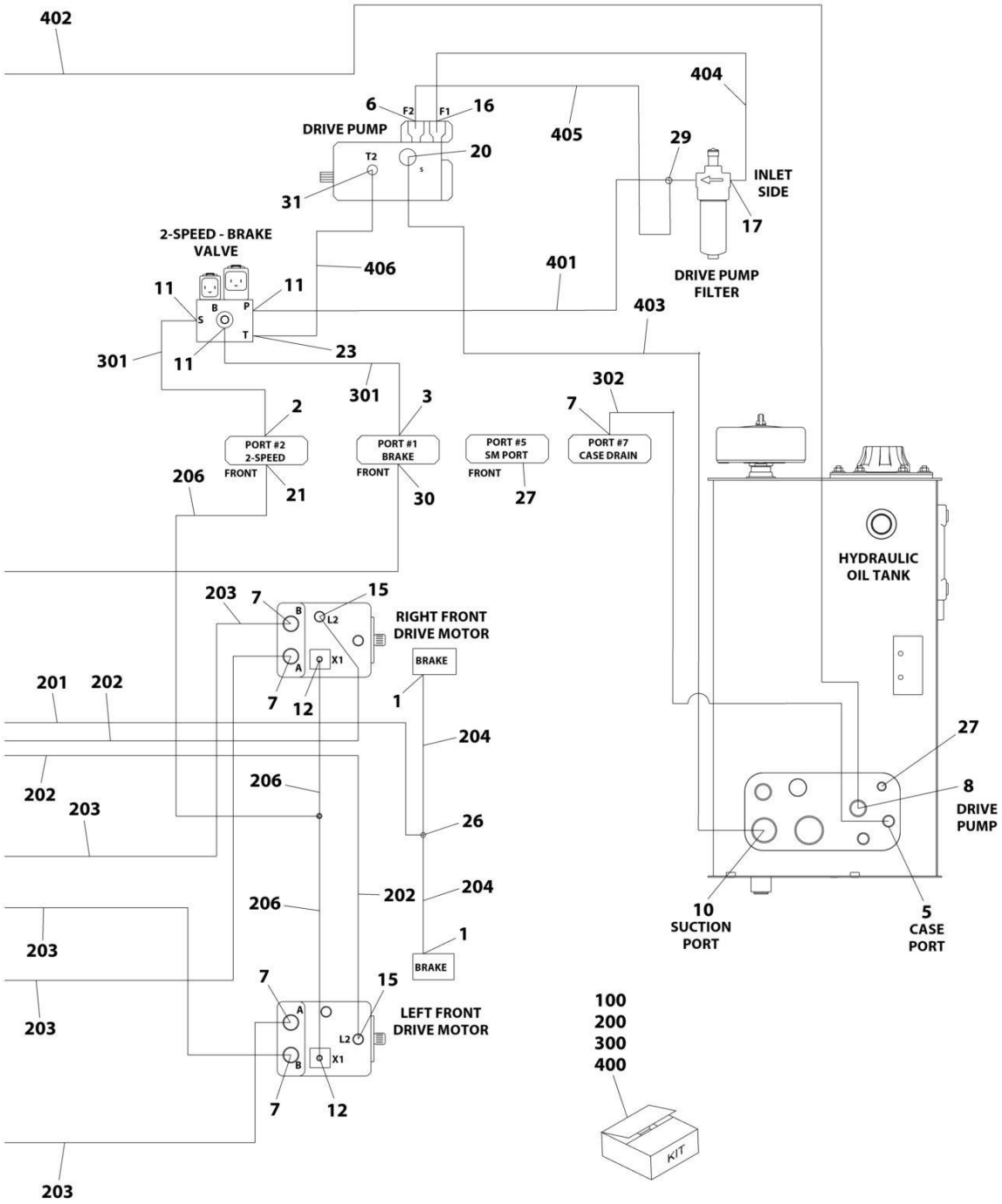
## FIGURE 7-9. HYDRAULIC DIAGRAM - STANDARD (WITH TOW BAR PACKAGE) (SN STARTING WITH 03) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217940 | Rev | STANDARD HYDRAULIC DIAGRAM | E |
| 1 | 2110404 | 7 | Fitting, Straight ORFS/ORB | |
| 2 | 2130606 | 8 | Fitting, 90 ORFS/ORB | |
| 3 | 2717059 | 1 | Hose | |
| 4 | 2170208 | 1 | Fitting, 90 ORFS/ORB | |
| 5 | 2111008 | 2 | Fitting, Straight ORFS/ORB | |
| 6 | 2111010 | 1 | Fitting, Straight ORFS/ORB | |
| 7 | 2111212 | 2 | Fitting, Straight ORFS/ORB | |
| 8 | 88662327 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 10 | 2112424 | 1 | Fitting, Straight ORFS/ORB | |
| 11 | 2130404 | 2 | Fitting, 90 ORFS/ORB | |
| 12 | 2110808 | 3 | Fitting, Straight ORFS/ORB | |
| 13 | 2110606 | 10 | Fitting, Straight ORFS/ORB | |
| 14 | 2130608 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130810 | 2 | Fitting, 90 ORFS/ORB | |
| 16 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 17 | 2111208 | 1 | Fitting, Straight ORFS/ORB | |
| 19 | 4240018 | 3 | Tie-Strap | |
| 20 | 2150404 | 1 | Fitting, 45 ORFS/ORB | |
| 22 | 2170506 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 23 | 2221086 | 3 | Fitting, Pressure Check | |
| 24 | 2110612 | 1 | Fitting, Straight ORFS/ORB | |
| 25 | 2753545 | 1 | Hose | |
| 44 | 2172112 | 1 | Fitting, 90 ORFS/FSORFS | |
| 50 | 2110608 | 3 | Fitting, Straight ORFS/ORB | |
| 52 | 2130612 | 1 | Fitting, 90 ORFS/ORB | |
| 53 | 4061032 | 1 | Hose, Guard | |
| 56 | 2220737 | 1 | Split Flange Kit | |
| 57 | 2220478 | 1 | Split Flange Kit | |
| 59 | 2220238 | 1 | Plug | |
| 61 | 2170706 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 100 | 1001270077 | 1 | Towbar Front Hose Kit | |
| 101 | 2753656 | 2 | Hose | |
| 102 | 2753732 | 2 | Hose | |
| 103 | 2753879 | 2 | Hose | |
| 104 | 1001159340 | 2 | Hose | |
| 200 | 1001270078 | 1 | Towbar Turntable Hose Kit | |
| 201 | 2753622 | 1 | Hose | |
| 202 | 2753653 | 2 | Hose | |
| 203 | 2753654 | 1 | Hose | |
| 204 | 2753656 | 2 | Hose | |
| 205 | 2753686 | 1 | Hose | |
| 206 | 1001111968 | 1 | Hose | |
| 207 | 1001157851 | 1 | Hose | |
| 208 | 1001177226 | 1 | Hose | |
| 209 | 1001181894 | 1 | Hose | |
| 300 | 1001270076 | 1 | Boom Hose Kit | |
| 301 | 2753681 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 302 | 2753683 | 1 | Hose | |
| 400 | 1001271618 | 1 | Hose Kit | |
| 401 | 2753622 | 1 | Hose | |
| 402 | 2753674 | 1 | Hose | |
| 403 | 2753675 | 1 | Hose | |
| 404 | 2753679 | 1 | Hose | |
| 405 | 2753693 | 1 | Hose | |
| 500 | 1001271619 | 1 | Hose Kit | |
| 501 | 2753670 | 1 | Hose | |
| 502 | 2753671 | 2 | Hose | |
| 503 | 2753682 | 1 | Hose | |
| 504 | 2753684 | 1 | Hose | |
| 505 | 1001167194 | 2 | Hose | |
| 506 | 1001167196 | 1 | Hose | |

## FIGURE 7-10. HYDRAULIC DIAGRAM - DRIVE (4WD WITHOUT ARCTIC PACKAGE)(ANSI, CSA, AND JAPANEESE SPECS ONLY)



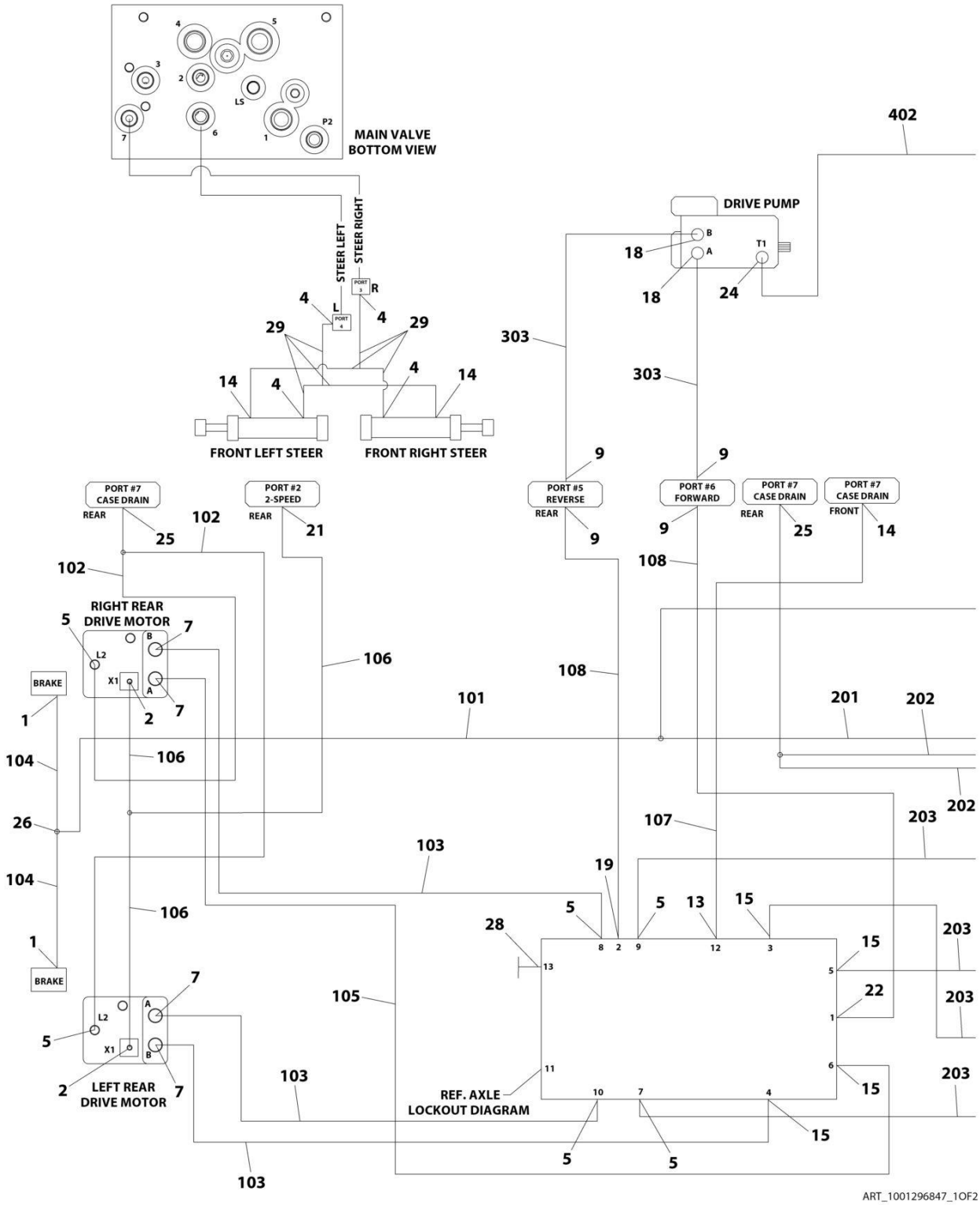

402
404
6
F2
F1
16
DRIVE PUMP
405
29
20
T2
S
INLET
SIDE
31
17
2-SPEED - BRAKE
VALVE
406
401
DRIVE PUMP
FILTER
11
11
B
P
S
T
403
301
11
23
302
7
301
2
3
PORT #2
2-SPEED
FRONT
PORT #1
BRAKE
FRONT
PORT #5
SM PORT
FRONT
PORT #7
CASE DRAIN
206
21
30
27
HYDRAULIC
OIL TANK
203
7
15
B
L2
RIGHT FRONT
DRIVE MOTOR
BRAKE
A
X1
201
202
7
12
1
204
27
202
206
8
DRIVE
PUMP
203
26
206
202
204
10
SUCTION
PORT
5
CASE
PORT
203
1
BRAKE
7
15
A
LEFT FRONT
DRIVE MOTOR
L2
203
B
X1
7
12
100
200
300
400
KIT
203
ART_1001296846_2OF2

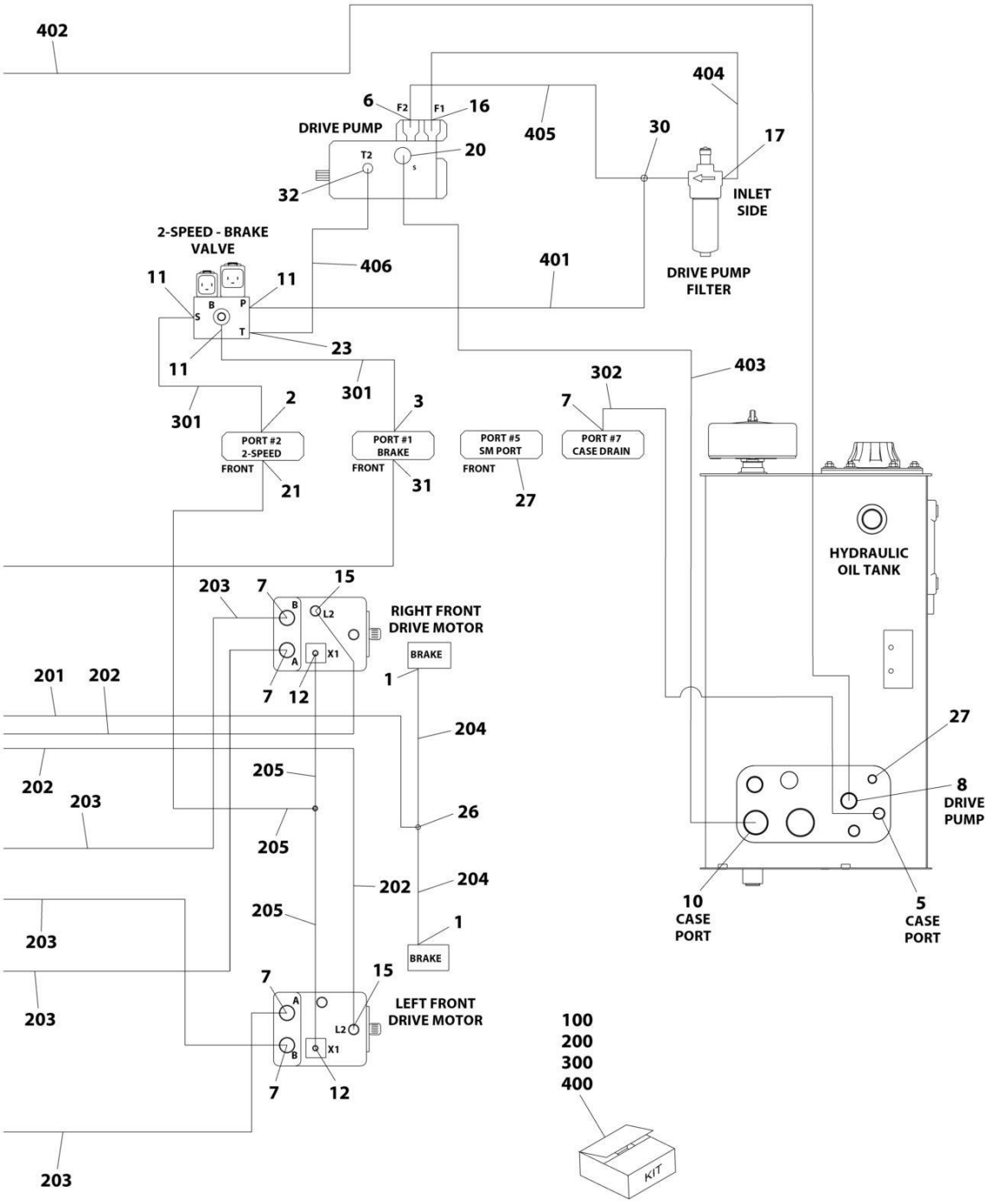
## FIGURE 7-10. HYDRAULIC DIAGRAM - DRIVE (4WD WITHOUT ARCTIC PACKAGE)(ANSI, CSA, AND JAPANEESE SPECS ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296846 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | A |
| 1 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 2 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 3 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 4 | 2110606 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 6 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 7 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 8 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 10 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 11 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 12 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 13 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 14 | 2130606 | 3 | Fitting, 90 ORFS/ORB | |
| 15 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 16 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 17 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2131612 | 2 | Fitting, 90 ORFS/ORB | |
| 19 | 2131616 | 1 | Fitting, 90 ORFS/ORB | |
| 20 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 22 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 23 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 24 | 2170212 | 1 | Fitting, 90 ORFS/ORB | |
| 25 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 26 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 27 | 2220237 | 2 | Plug 3/8 | |
| 28 | 2220238 | 1 | Plug 1/2 | |
| 29 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 30 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 31 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Hose Kit - Arctic Towbar | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 107 | 2753626 | 1 | Hose | |
| 108 | 2753634 | 2 | Hose | |
| 200 | 1001270630 | 1 | Hose Kit - Front | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2753628 | 2 | Hose | |
| 203 | 2753970 | 4 | Hose | |
| 204 | 2754512 | 2 | Hose | |
| 205 | 1001198333 | 2 | Hose | |
| 206 | 1001198341 | 1 | Hose | |
| 300 | 1001296856 | 1 | Hose Kit - Turntable | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 301 | 2753540 | 2 | Hose | |
| 302 | 2753685 | 1 | Hose | |
| 303 | 1001296833 | 2 | Hose | |
| 400 | 1001296857 | 1 | Hose Kit - Turntable | |
| 401 | 1001095307 | 1 | Hose | |
| 402 | 1001296834 | 1 | Hose | |
| 403 | 1001296835 | 1 | Hose | |
| 404 | 1001296836 | 1 | Hose | |
| 405 | 1001296837 | 1 | Hose | |
| 406 | 1001296838 | 1 | Hose | |

## FIGURE 7-11. HYDRAULIC DIAGRAM - DRIVE (4WD WITHOUT ARCTIC PACKAGE)(ANSI, CSA, AND RUSSIAN SPECS ONLY)



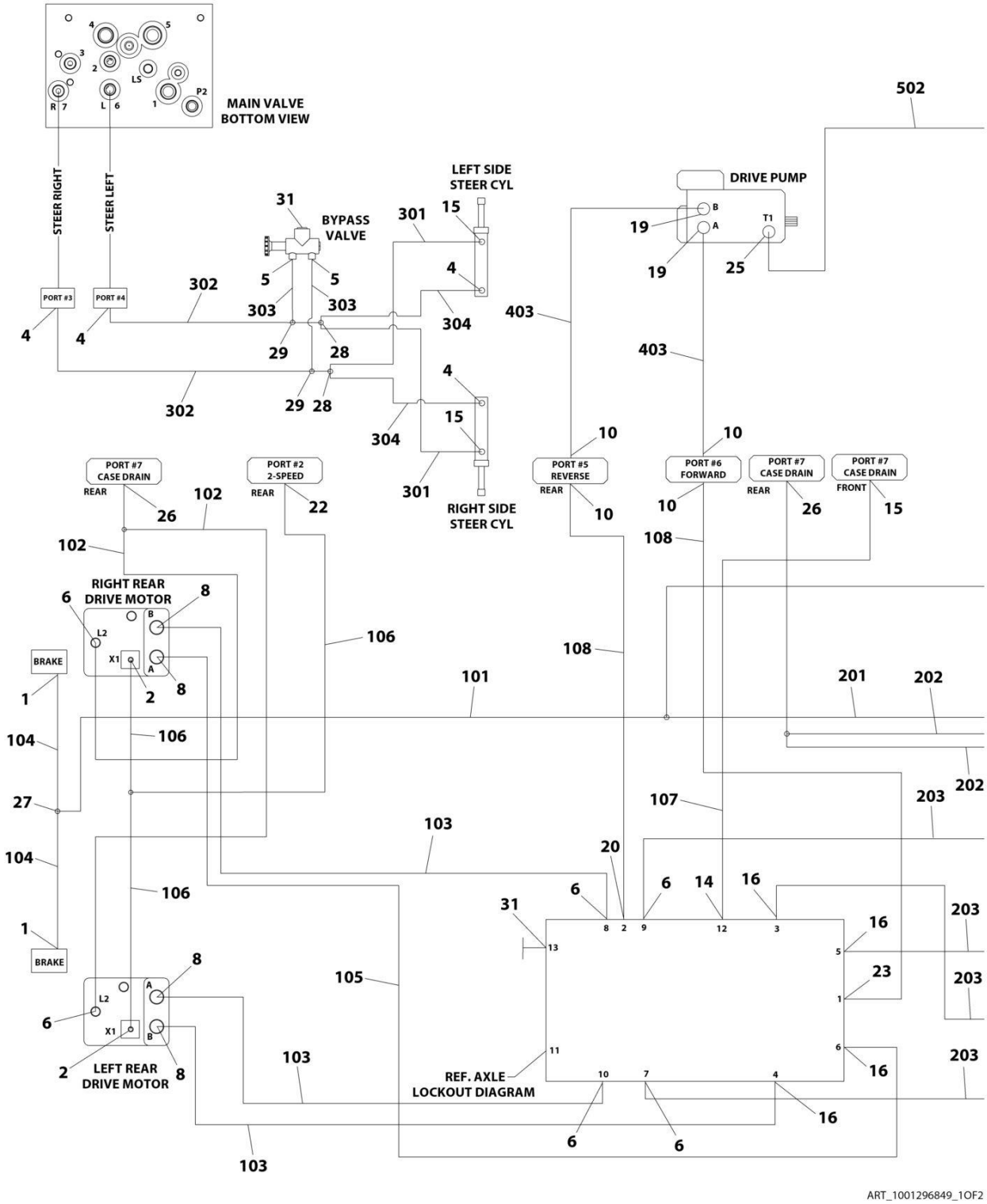

402
404
6
F2
F1
16
DRIVE PUMP
405
30
17
T2
20
S
32
INLET
SIDE
2-SPEED - BRAKE
VALVE
406
401
11
11
B
P
S
T
DRIVE PUMP
FILTER
23
403
302
11
301
301
2
3
7
PORT #2
2-SPEED
FRONT
PORT #1
BRAKE
FRONT
PORT #5
SM PORT
FRONT
PORT #7
CASE DRAIN
21
31
27
HYDRAULIC
OIL TANK
203
7
15
B
L2
RIGHT FRONT
DRIVE MOTOR
BRAKE
A
X1
1
201
202
7
12
204
27
205
202
203
8
DRIVE
PUMP
26
205
205
202
204
10
CASE
PORT
5
CASE
PORT
203
205
1
BRAKE
7
15
A
LEFT FRONT
DRIVE MOTOR
L2
203
B
X1
100
200
300
400
7
12
KIT
203
ART_1001296847_2OF2

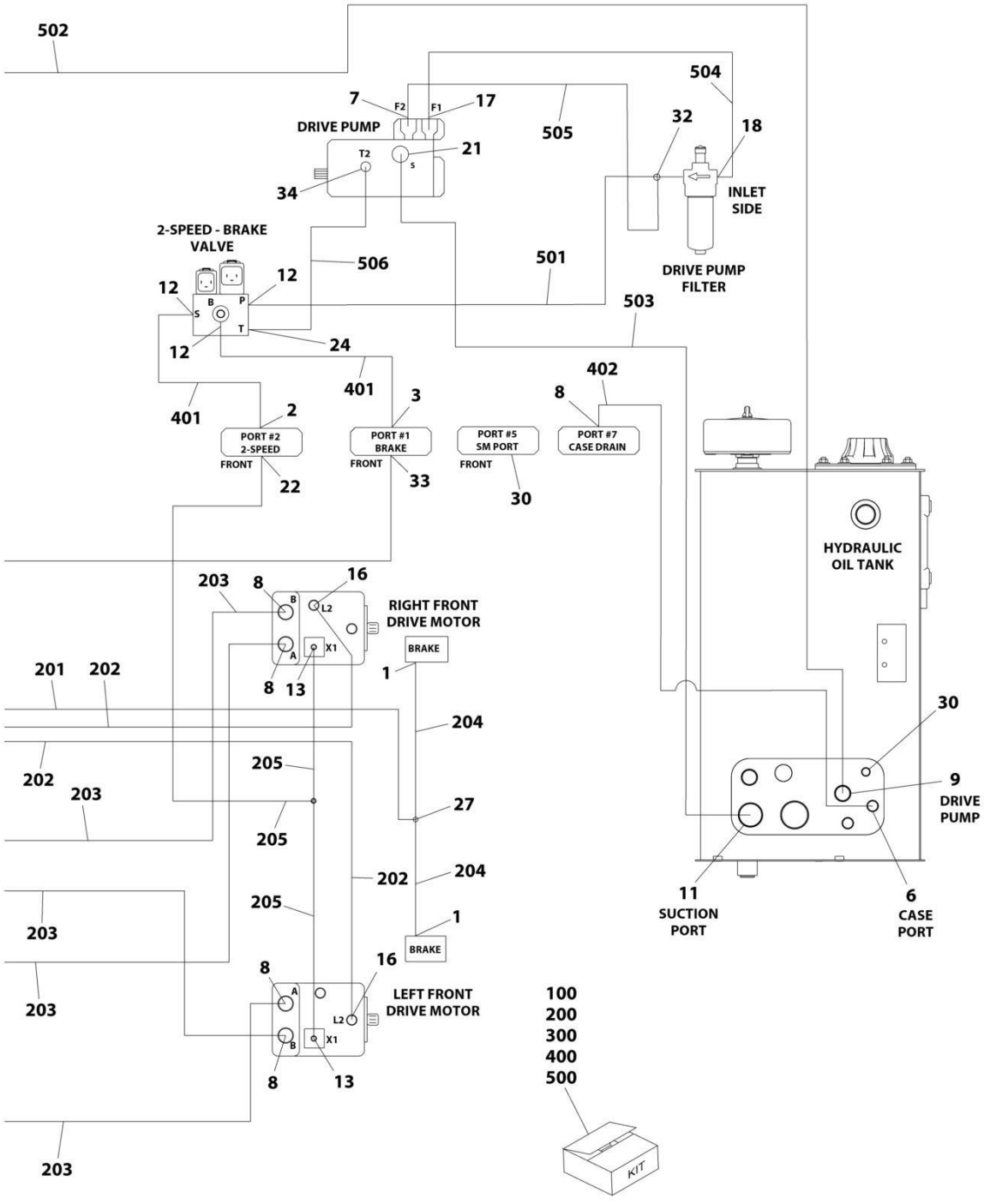
## FIGURE 7-11. HYDRAULIC DIAGRAM - DRIVE (4WD WITHOUT ARCTIC PACKAGE)(ANSI, CSA, AND RUSSIAN SPECS ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296847 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | A |
| 1 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 2 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 3 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 4 | 2110606 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 6 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 7 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 8 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 10 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 11 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 12 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 13 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 14 | 2130606 | 3 | Fitting, 90 ORFS/ORB | |
| 15 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 16 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 17 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2131612 | 2 | Fitting, 90 ORFS/ORB | |
| 19 | 2131616 | 1 | Fitting, 90 ORFS/ORB | |
| 20 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 22 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 23 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 24 | 2170212 | 1 | Fitting, 90 ORFS/ORB | |
| 25 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 26 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 27 | 2220237 | 2 | Plug 3/8 | |
| 28 | 2220238 | 1 | Plug 1/2 | |
| 29 | 1001198333 | 2 | Hose | |
| 30 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 31 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 32 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Hose Kit - Arctic Towbar | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 107 | 2753626 | 1 | Hose | |
| 108 | 2753634 | 2 | Hose | |
| 200 | 1001270073 | 1 | Hose Kit - Arctic Towbar | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2754720 | 2 | Hose | |
| 203 | 2754743 | 4 | Hose | |
| 204 | 1001106957 | 2 | Hose | |
| 205 | 1001204269 | 1 | Hose with Crimped Tee | |
| 300 | 1001296856 | 1 | Hose Kit - Arctic Turntable | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 301 | 2753540 | 2 | Hose | |
| 302 | 2753685 | 1 | Hose | |
| 303 | 1001296833 | 2 | Hose | |
| 400 | 1001296857 | 1 | Hose Kit - Arctic Turntable | |
| 401 | 1001095307 | 1 | Hose | |
| 402 | 1001296834 | 1 | Hose | |
| 403 | 1001296835 | 1 | Hose | |
| 404 | 1001296836 | 1 | Hose | |
| 405 | 1001296837 | 1 | Hose | |
| 406 | 1001296838 | 1 | Hose | |

## FIGURE 7-12. HYDRAULIC DIAGRAM - DRIVE (4WD WITH TOWBAR PACKAGE )(ANSI, CSA, AND RUSSIAN SPECS ONLY)



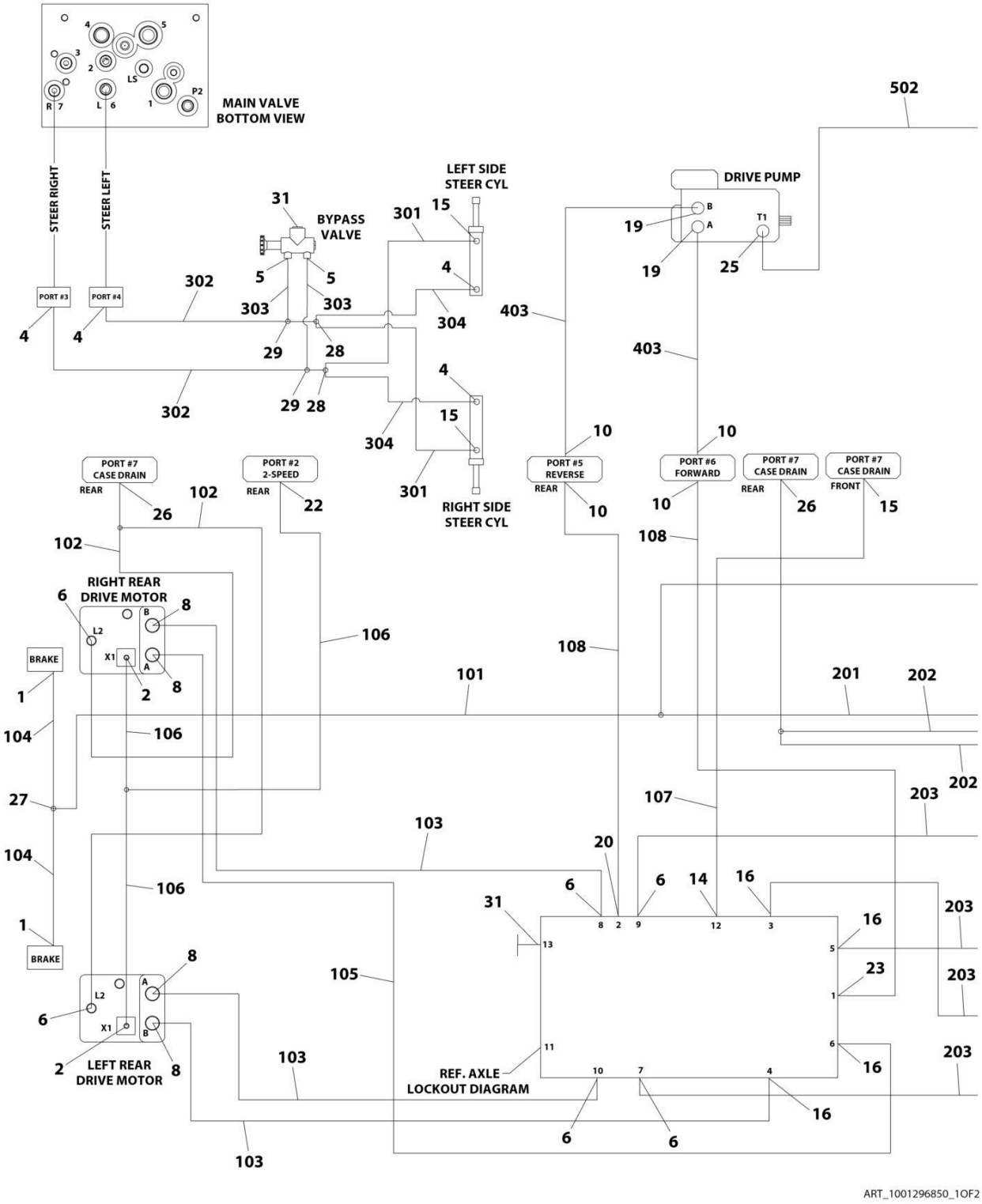

502
504
7
F2
F1
17
DRIVE PUMP
505
32
18
T2
S
21
34
INLET
SIDE
2-SPEED - BRAKE
VALVE
506
501
DRIVE PUMP
FILTER
12
12
B
P
S
T
503
12
24
402
401
401
3
8
2
PORT #2
2-SPEED
FRONT
PORT #1
BRAKE
FRONT
PORT #5
SM PORT
FRONT
PORT #7
CASE DRAIN
22
33
30
HYDRAULIC
OIL TANK
203
8
16
B
L2
RIGHT FRONT
DRIVE MOTOR
A
X1
BRAKE
1
201
202
8
13
204
30
205
9
202
203
DRIVE
PUMP
27
205
202
204
205
1
203
BRAKE
8
16
A
LEFT FRONT
DRIVE MOTOR
L2
B
X1
100
200
300
400
500
203
8
13
11
SUCTION
PORT
6
CASE
PORT
203
KIT
ART_1001296849_2OF2

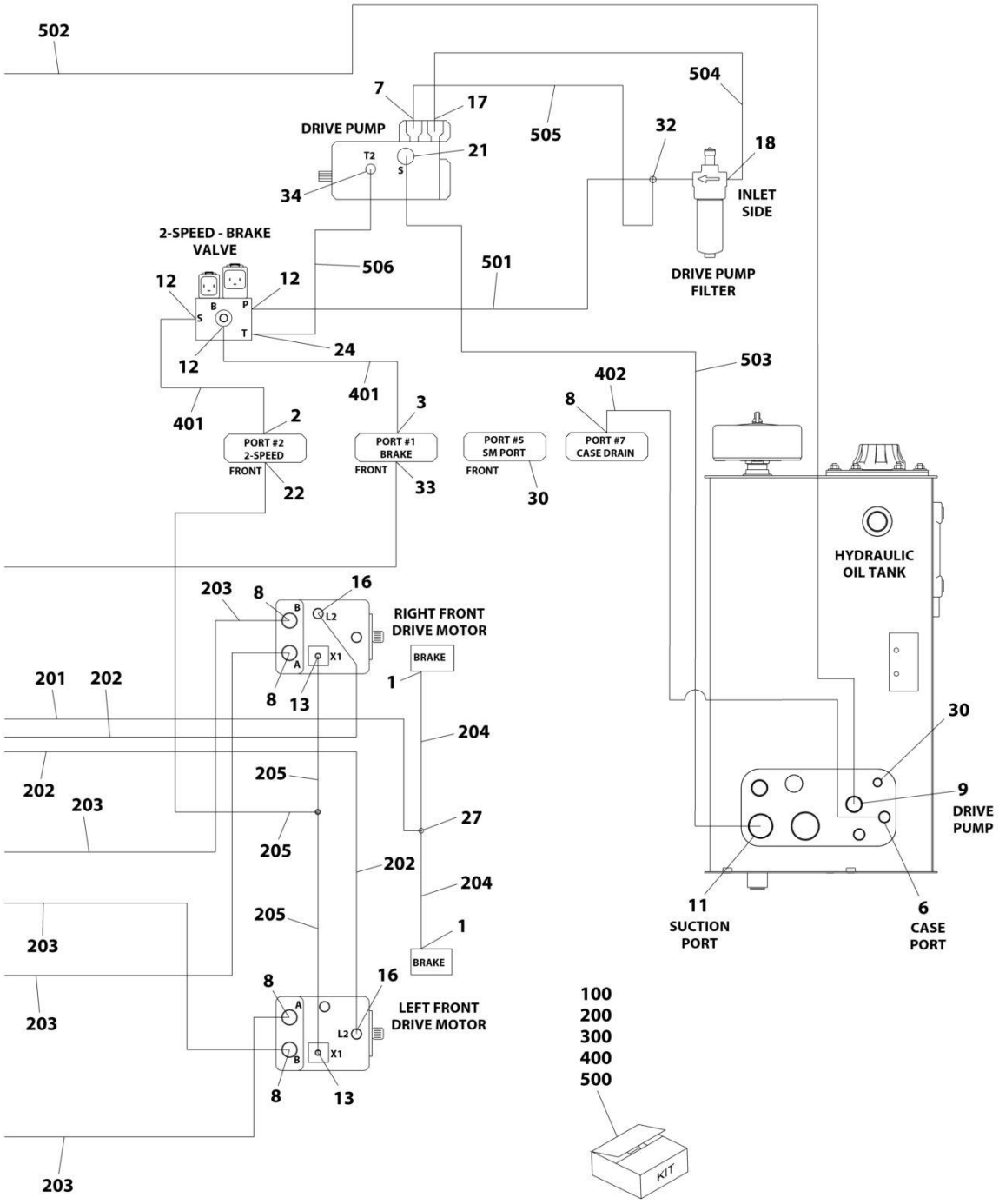
## FIGURE 7-12. HYDRAULIC DIAGRAM - DRIVE (4WD WITH TOWBAR PACKAGE )(ANSI, CSA, AND RUSSIAN SPECS ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296849 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | A |
| 1 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 2 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 3 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 4 | 2110606 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110608 | 2 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 7 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 8 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 9 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 11 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 12 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 13 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 14 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130606 | 3 | Fitting, 90 ORFS/ORB | |
| 16 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 17 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 19 | 2131612 | 2 | Fitting, 90 ORFS/ORB | |
| 20 | 2131616 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 22 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 23 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 24 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 25 | 2170212 | 1 | Fitting, 90 ORFS/ORB | |
| 26 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 27 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 28 | 2170506 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 29 | 2170706 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 30 | 2220237 | 2 | Plug 3/8 | |
| 31 | 2220238 | 2 | Plug 1/2 | |
| 32 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 33 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 34 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Hose Kit - Arctic Towbar | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 107 | 2753626 | 1 | Hose | |
| 108 | 2753634 | 2 | Hose | |
| 200 | 1001270070 | 1 | Hose Kit - Front | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2753628 | 2 | Hose | |
| 203 | 2753970 | 4 | Hose | |
| 204 | 2754512 | 2 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 205 | 1001198341 | 1 | Hose | |
| 300 | 1001270077 | 1 | Hose Kit - Towbar Front | |
| 301 | 2753656 | 2 | Hose | |
| 302 | 2753732 | 2 | Hose | |
| 303 | 2753879 | 2 | Hose | |
| 304 | 1001159340 | 2 | Hose | |
| 400 | 1001296856 | 1 | Hose Kit - Turntable | |
| 401 | 2753540 | 2 | Hose | |
| 402 | 2753685 | 1 | Hose | |
| 403 | 1001296833 | 2 | Hose | |
| 500 | 1001296857 | 1 | Hose Kit - Turntable | |
| 501 | 1001095307 | 1 | Hose | |
| 502 | 1001296834 | 1 | Hose | |
| 503 | 1001296835 | 1 | Hose | |
| 504 | 1001296836 | 1 | Hose | |
| 505 | 1001296837 | 1 | Hose | |
| 506 | 1001296838 | 1 | Hose | |

## FIGURE 7-13. HYDRAULIC DIAGRAM - DRIVE (4WD WITH TOWBAR AND ARCTIC PACKAGE )(ANSI AND CSA SPECS ONLY)





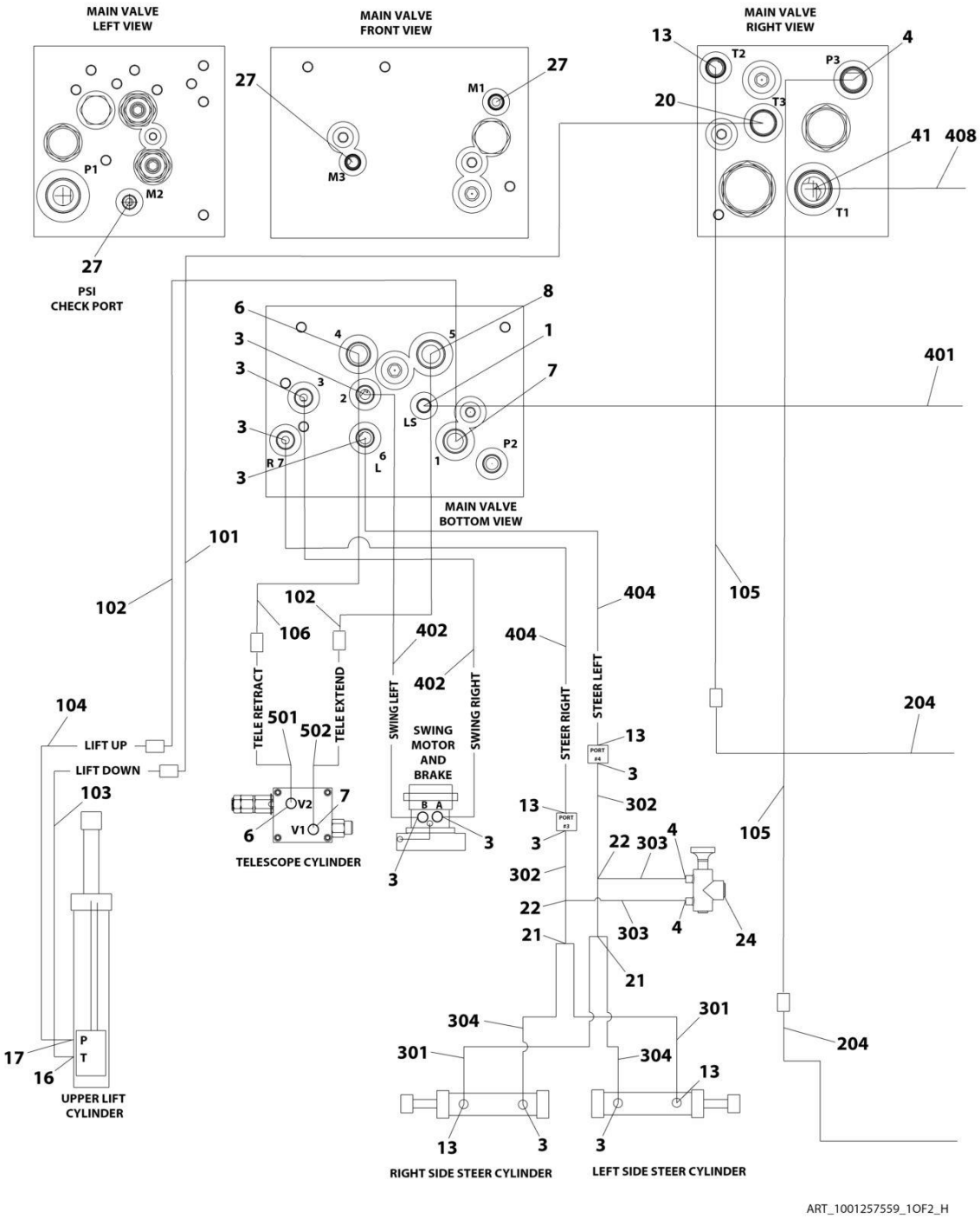

ART_1001296850_2OF2

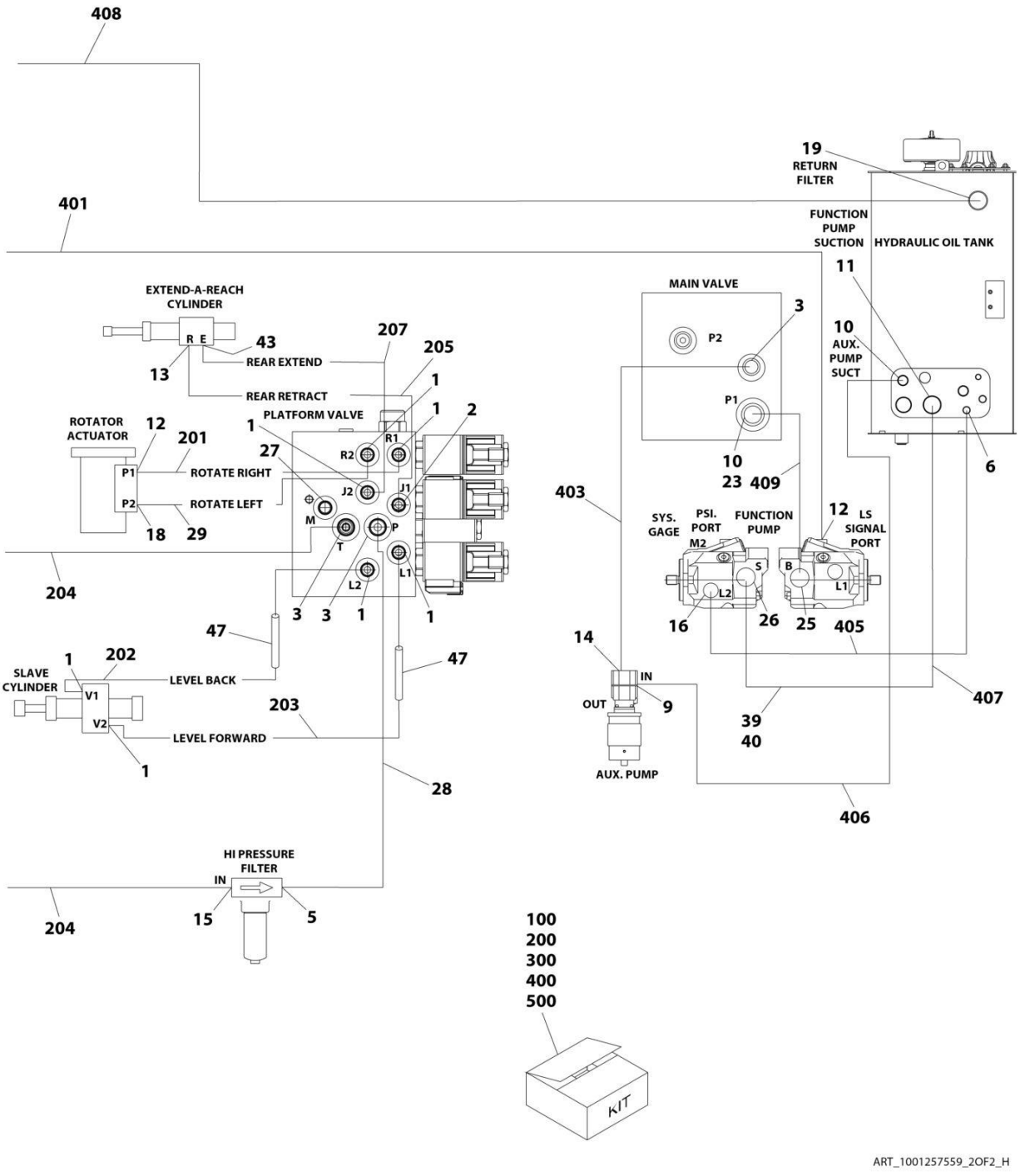
## FIGURE 7-13. HYDRAULIC DIAGRAM - DRIVE (4WD WITH TOWBAR AND ARCTIC PACKAGE )(ANSI AND CSA SPECS ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001296850 | Ref | HYDRAULIC DIAGRAM - DRIVE (4WD) | A |
| 1 | 2110404 | 4 | Fitting, Straight ORFS/ORB | |
| 2 | 2110406 | 3 | Fitting, Straight ORFS/ORB | |
| 3 | 2110408 | 1 | Fitting, Straight ORFS/ORB | |
| 4 | 2110606 | 4 | Fitting, Straight ORFS/ORB | |
| 5 | 2110608 | 2 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 7 | Fitting, Straight ORFS/ORB | |
| 7 | 2110810 | 1 | Fitting, Straight ORFS/ORB | |
| 8 | 2110812 | 9 | Fitting, Straight ORFS/ORB | |
| 9 | 2111212 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111616 | 4 | Fitting, Straight ORFS/ORB | |
| 11 | 2112020 | 1 | Fitting, Straight ORFS/ORB | |
| 12 | 2130404 | 3 | Fitting, 90 ORFS/ORB | |
| 13 | 2130406 | 2 | Fitting, 90 ORFS/ORB | |
| 14 | 2130604 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130606 | 3 | Fitting, 90 ORFS/ORB | |
| 16 | 2130808 | 6 | Fitting, 90 ORFS/ORB | |
| 17 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2131012 | 1 | Fitting, 90 ORFS/ORB | |
| 19 | 2131612 | 2 | Fitting, 90 ORFS/ORB | |
| 20 | 2131616 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2132016 | 1 | Fitting, 90 ORFS/ORB | |
| 22 | 2150406 | 2 | Fitting, 45 ORFS/ORB | |
| 23 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 24 | 2170204 | 1 | Fitting, 90 ORFS/ORB | |
| 25 | 2170212 | 1 | Fitting, 90 ORFS/ORB | |
| 26 | 2170408 | 2 | Fitting, Tee ORFS/ORB/ORFS | |
| 27 | 2170504 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 28 | 2170506 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 29 | 2170706 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 30 | 2220237 | 2 | Plug 3/8 | |
| 31 | 2220238 | 2 | Plug 1/2 | |
| 32 | 1001198337 | 1 | Fitting, Tee ORFS/ORB-RUN | |
| 33 | 1001198338 | 1 | Fitting, Tee ORFS/SORB/ORFS | |
| 34 | 1001199396 | 1 | Fitting, 90 ORFS/SORB | |
| 100 | 1001270069 | 1 | Hose Kit - Arctic Towbar | |
| 101 | 2753622 | 1 | Hose | |
| 102 | 2753686 | 2 | Hose | |
| 103 | 2753971 | 3 | Hose | |
| 104 | 2754337 | 2 | Hose | |
| 105 | 2754338 | 1 | Hose | |
| 106 | 1001198340 | 1 | Hose with Crimped Tee | |
| 107 | 2753626 | 1 | Hose | |
| 108 | 2753634 | 2 | Hose | |
| 200 | 1001270073 | 1 | Hose Kit - Arctic Towbar | |
| 201 | 2753542 | 1 | Hose | |
| 202 | 2754720 | 2 | Hose | |
| 203 | 2754743 | 4 | Hose | |
| 204 | 1001106957 | 2 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 205 | 1001204269 | 1 | Hose with Crimped Tee | |
| 300 | 1001270077 | 1 | Hose Kit - Towbar Front | |
| 301 | 2753656 | 2 | Hose | |
| 302 | 2753732 | 2 | Hose | |
| 303 | 2753879 | 2 | Hose | |
| 304 | 1001159340 | 2 | Hose | |
| 400 | 1001296856 | 1 | Hose Kit - Turntable | |
| 401 | 2753540 | 2 | Hose | |
| 402 | 2753685 | 1 | Hose | |
| 403 | 1001296833 | 2 | Hose | |
| 500 | 1001296857 | 1 | Hose Kit - Turntable | |
| 501 | 1001095307 | 1 | Hose | |
| 502 | 1001296834 | 1 | Hose | |
| 503 | 1001296835 | 1 | Hose | |
| 504 | 1001296836 | 1 | Hose | |
| 505 | 1001296837 | 1 | Hose | |
| 506 | 1001296838 | 1 | Hose | |

## FIGURE 7-14. HYDRAULIC DIAGRAM - STANDARD (WITH TOW BAR PACKAGE) (SN STARTING WITH 03) (860SJ HC3)



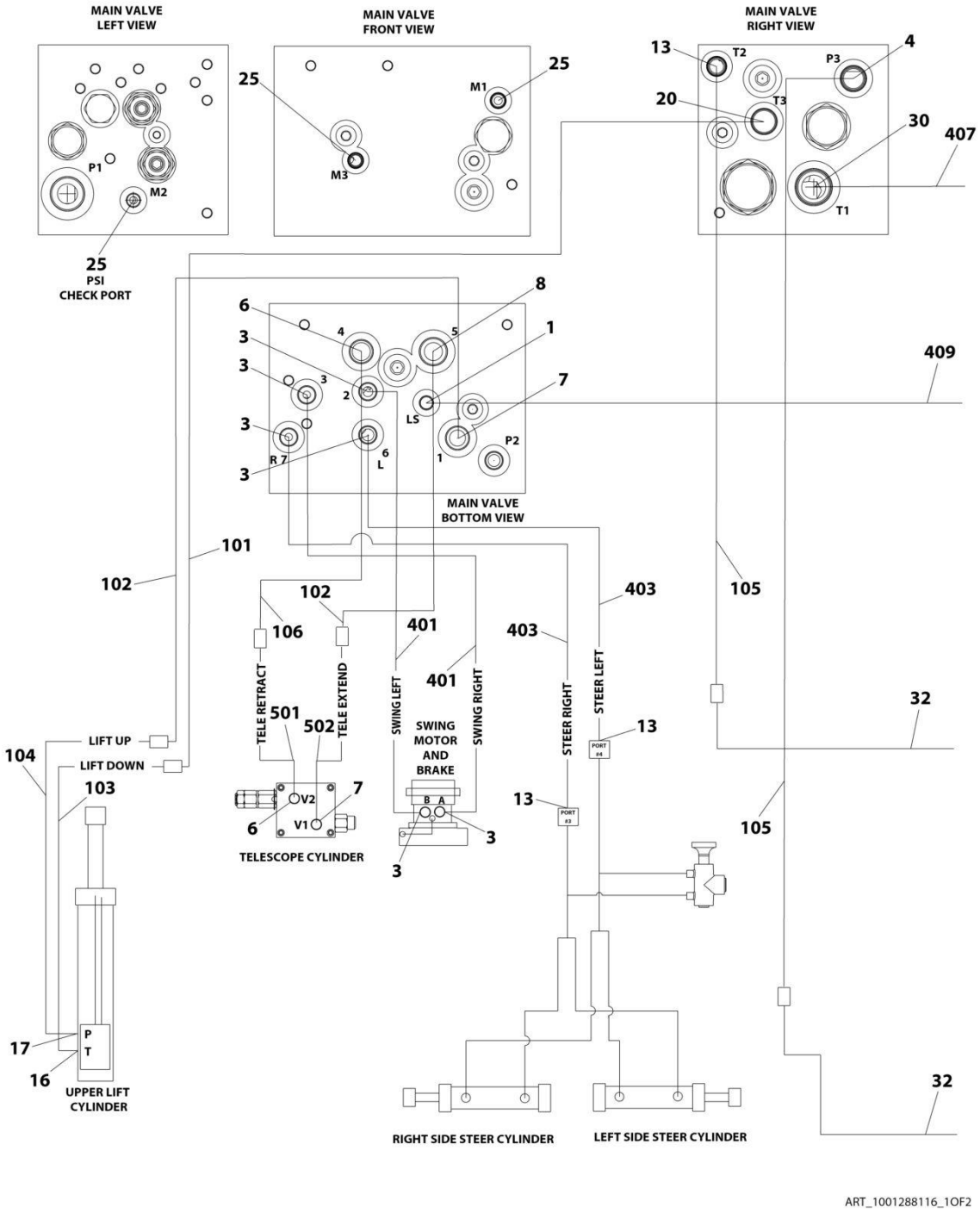

408
401
19
RETURN FILTER
FUNCTION PUMP SUCTION
HYDRAULIC OIL TANK
11
EXTEND-A-REACH CYLINDER
R E
43
REAR EXTEND
13
REAR RETRACT
207
205
1
1
2
PLATFORM VALVE
R1
R2
J2
J1
M
P
T
L2
L1
ROTATOR ACTUATOR
12
201
P1
ROTATE RIGHT
P2
ROTATE LEFT
18
29
27
204
3
3
1
1
47
47
SLAVE CYLINDER
1
202
V1
V2
LEVEL BACK
LEVEL FORWARD
203
1
28
HI PRESSURE FILTER
IN
15
5
204
MAIN VALVE
3
P2
P1
10
23
409
403
SYS. GAGE
PSI. PORT
M2
FUNCTION PUMP
12
LS SIGNAL PORT
S
B
L2
L1
16
26
25
405
14
IN
OUT
9
AUX. PUMP
39
40
407
406
10
AUX. PUMP SUCT
6
100
200
300
400
500
KIT
ART_1001257559_2OF2_H

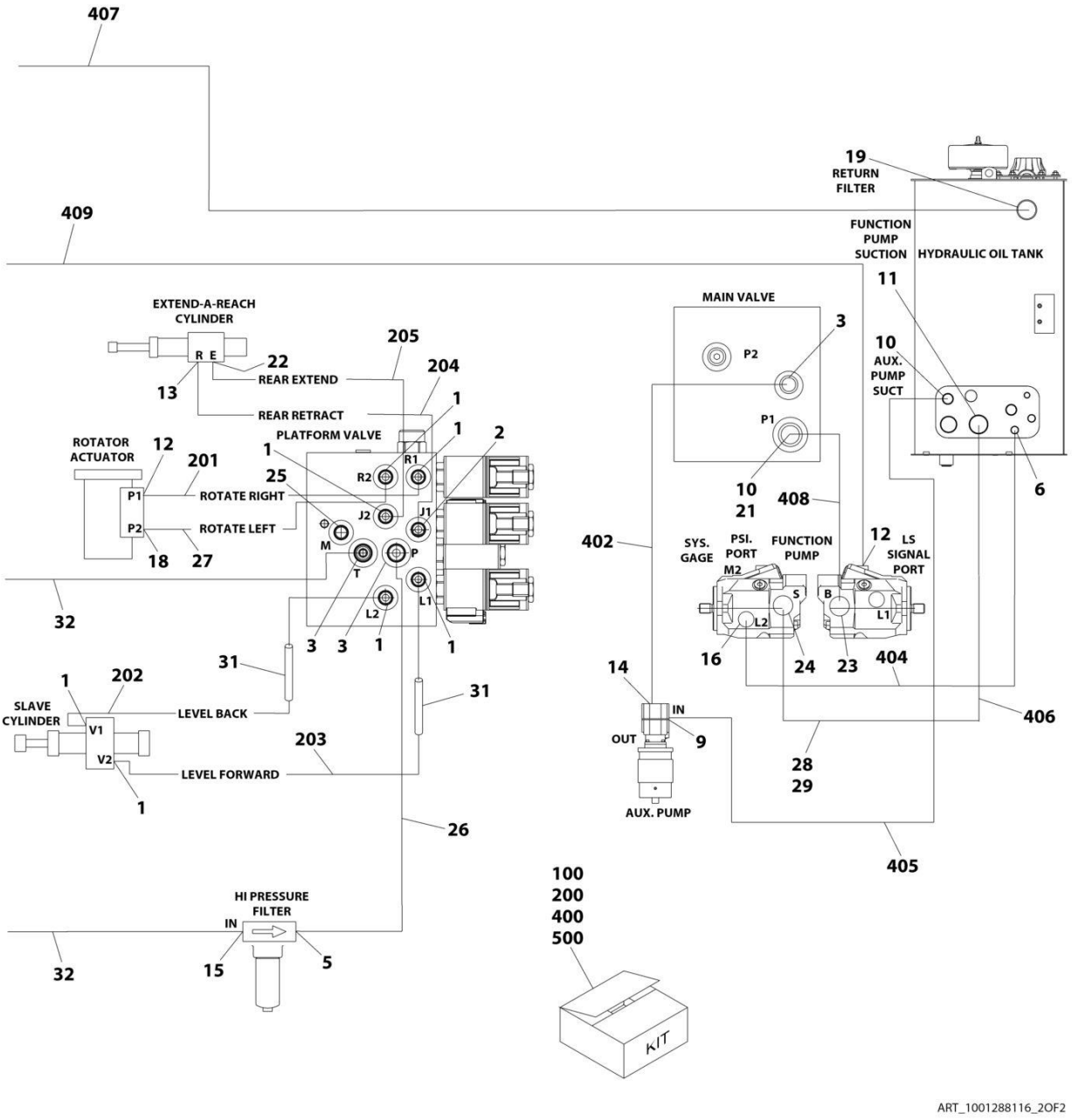
## FIGURE 7-14. HYDRAULIC DIAGRAM - STANDARD (WITH TOW BAR PACKAGE) (SN STARTING WITH 03) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257559 | Ref | STANDARD HYDRAULIC DIAGRAM | H |
| 1 | 2110404 | 8 | Fitting, Straight ORFS/ORB | |
| 2 | 2110604 | 1 | Fitting, Straight ORFS/ORB | |
| 3 | 2110606 | 13 | Fitting, Straight ORFS/ORB | |
| 4 | 2110608 | 3 | Fitting, Straight ORFS/ORB | |
| 5 | 2110612 | 1 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 3 | Fitting, Straight ORFS/ORB | |
| 7 | 2111008 | 2 | Fitting, Straight ORFS/ORB | |
| 8 | 2111010 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2111208 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111212 | 2 | Fitting, Straight ORFS/ORB | |
| 11 | 2112424 | 1 | Fitting, Straight ORFS/ORB | |
| 12 | 2130404 | 2 | Fitting, 90 ORFS/ORB | |
| 13 | 2130606 | 6 | Fitting, 90 ORFS/ORB | |
| 14 | 2130608 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130612 | 1 | Fitting, 90 ORFS/ORB | |
| 16 | 2130810 | 2 | Fitting, 90 ORFS/ORB | |
| 17 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2150404 | 1 | Fitting, 45 ORFS/ORB | |
| 19 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 20 | 2170208 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2170506 | 2 | Fitting, Tee ORFS/ORFS/ORFS | |
| 22 | 2170706 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 23 | 2172112 | 1 | Fitting, 90 ORFS/FSORFS | |
| 24 | 2220238 | 1 | Plug | |
| 25 | 2220478 | 1 | Split Flange Kit | |
| 26 | 2220737 | 1 | Split Flange Kit | |
| 27 | 2221086 | 4 | Fitting, Pressure Check | |
| 28 | 2717059 | 1 | Hose | |
| 29 | 2753545 | 1 | Hose | |
| 39 | 4061032 | 1 | Hose, Guard | |
| 40 | 4240018 | 3 | Tie-Strap | |
| 41 | 88662327 | 1 | Fitting, Straight ORFS/ORB | |
| 43 | 2180829 | 1 | Fitting, 90 ORFS/ORB | |
| 47 | 1001257430 | 1 | Cover, Hose | |
| 100 | 2902461 | 1 | Hose Kit | |
| 101 | 2753670 | 1 | Hose | |
| 102 | 2753671 | 2 | Hose | |
| 103 | 2753682 | 1 | Hose | |
| 104 | 2753684 | 1 | Hose | |
| 105 | 1001167194 | 2 | Hose | |
| 106 | 1001167196 | 1 | Hose | |
| 200 | 1001259338 | 1 | Hose Kit | |
| 201 | 2753674 | 1 | Hose | |
| 202 | 2753677 | 1 | Hose | |
| 203 | 2753678 | 1 | Hose | |
| 204 | 1001257509 | 2 | Hose | |
| 205 | 1001269199 | 1 | Hose | |
| 207 | 1001285674 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 300 | 1001270077 | 1 | Hose Kit | |
| 301 | 2753656 | 2 | Hose | |
| 302 | 2753732 | 2 | Hose | |
| 303 | 2753879 | 2 | Hose | |
| 304 | 1001159340 | 2 | Hose | |
| 400 | 1001270078 | 1 | Hose Kit | |
| 401 | 2753622 | 1 | Hose | |
| 402 | 2753653 | 2 | Hose | |
| 403 | 2753654 | 1 | Hose | |
| 404 | 2753656 | 2 | Hose | |
| 405 | 2753686 | 1 | Hose | |
| 406 | 1001111968 | 1 | Hose | |
| 407 | 1001157851 | 1 | Hose | |
| 408 | 1001177226 | 1 | Hose | |
| 409 | 1001181894 | 1 | Hose | |
| 500 | 1001270076 | 1 | Hose Kit | |
| 501 | 2753681 | 1 | Hose | |
| 502 | 2753683 | 1 | Hose | |

## FIGURE 7-15. HYDRAULIC DIAGRAM - STANDARD (WITH TOW BAR PACKAGE) (SN STARTING WITH B3) (860SJ HC3)




407
409
19
RETURN FILTER
FUNCTION PUMP SUCTION
HYDRAULIC OIL TANK
11
EXTEND-A-REACH CYLINDER
R E
22
REAR EXTEND
13
REAR RETRACT
205
204
1
2
PLATFORM VALVE
ROTATOR ACTUATOR
12
201
P1
P2
ROTATE RIGHT
ROTATE LEFT
18
27
25
R1
R2
J1
J2
M
P
T
L1
L2
3
32
31
1
202
SLAVE CYLINDER
V1
V2
LEVEL BACK
LEVEL FORWARD
203
26
HI PRESSURE FILTER
IN
15
5
MAIN VALVE
P2
P1
10
21
408
402
SYS. GAGE
PSI. PORT
M2
FUNCTION PUMP
S
L2
16
24
12
LS SIGNAL PORT
B
L1
23
404
406
14
IN
OUT
9
AUX. PUMP
28
29
405
10
AUX. PUMP SUCT
6
100
200
400
500
KIT
ART_1001288116_2OF2

## FIGURE 7-15. HYDRAULIC DIAGRAM - STANDARD (WITH TOW BAR PACKAGE) (SN STARTING WITH B3) (860SJ HC3)

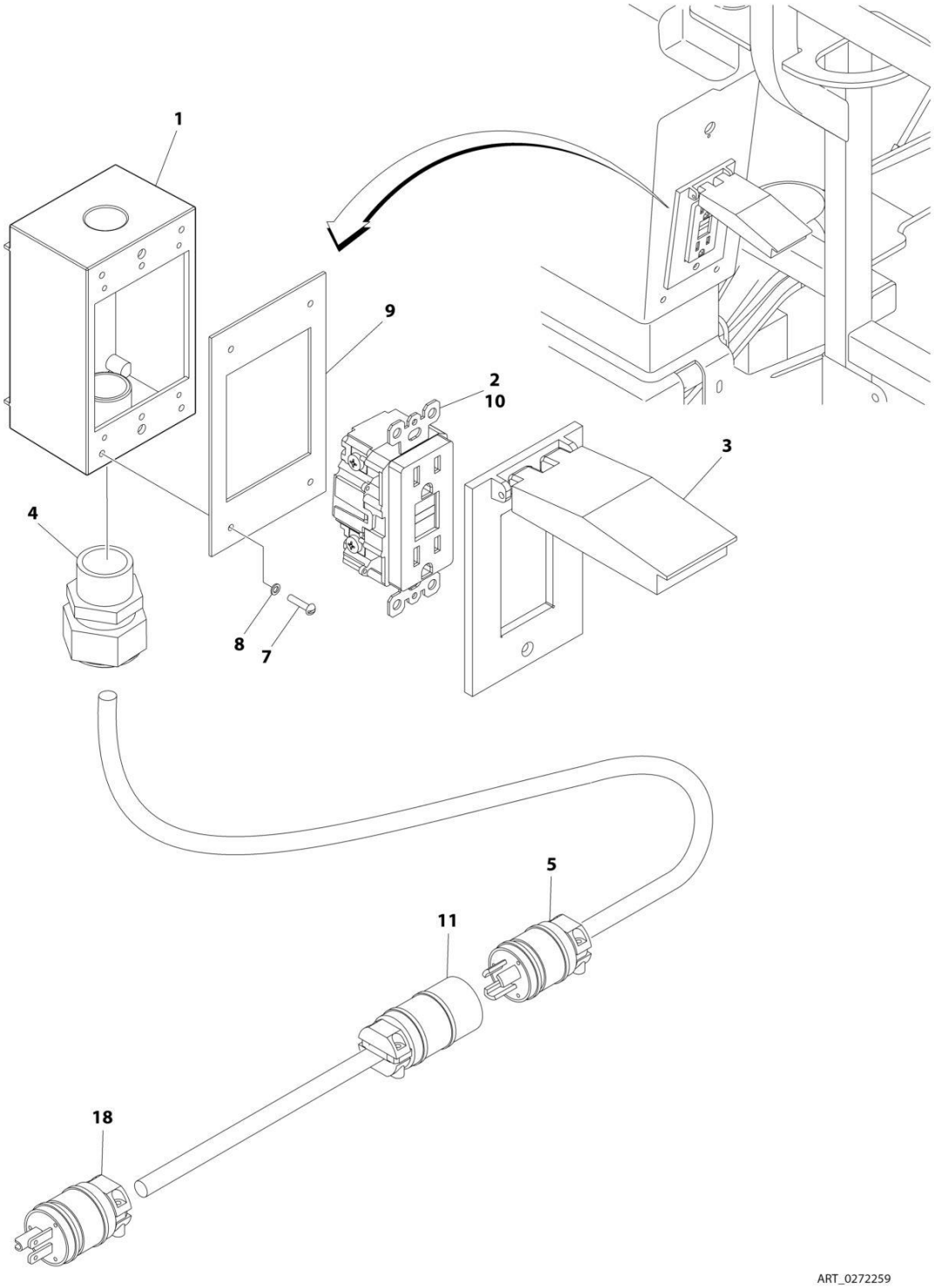
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001288116 | Ref | STANDARD HYDRAULIC DIAGRAM | A |
| 1 | 2110404 | 8 | Fitting, Straight ORFS/ORB | |
| 2 | 2110604 | 1 | Fitting, Straight ORFS/ORB | |
| 3 | 2110606 | 9 | Fitting, Straight ORFS/ORB | |
| 4 | 2110608 | 1 | Fitting, Straight ORFS/ORB | |
| 5 | 2110612 | 1 | Fitting, Straight ORFS/ORB | |
| 6 | 2110808 | 3 | Fitting, Straight ORFS/ORB | |
| 7 | 2111008 | 2 | Fitting, Straight ORFS/ORB | |
| 8 | 2111010 | 1 | Fitting, Straight ORFS/ORB | |
| 9 | 2111208 | 1 | Fitting, Straight ORFS/ORB | |
| 10 | 2111212 | 2 | Fitting, Straight ORFS/ORB | |
| 11 | 2112424 | 1 | Fitting, Straight ORFS/ORB | |
| 12 | 2130404 | 2 | Fitting, 90 ORFS/ORB | |
| 13 | 2130606 | 4 | Fitting, 90 ORFS/ORB | |
| 14 | 2130608 | 1 | Fitting, 90 ORFS/ORB | |
| 15 | 2130612 | 1 | Fitting, 90 ORFS/ORB | |
| 16 | 2130810 | 2 | Fitting, 90 ORFS/ORB | |
| 17 | 2131010 | 1 | Fitting, 90 ORFS/ORB | |
| 18 | 2150404 | 1 | Fitting, 45 ORFS/ORB | |
| 19 | 2151616 | 1 | Fitting, 45 ORFS/ORB | |
| 20 | 2170208 | 1 | Fitting, 90 ORFS/ORB | |
| 21 | 2172112 | 1 | Fitting, 90 ORFS/FSORFS | |
| 22 | 2180829 | 1 | Fitting, 90 ORFS/ORB | |
| 23 | 2220478 | 1 | Split Flange Kit | |
| 24 | 2220737 | 1 | Split Flange Kit | |
| 25 | 2221086 | 4 | Fitting, Pressure Check | |
| 26 | 2717059 | 1 | Hose | |
| 27 | 2753545 | 1 | Hose | |
| 28 | 4061032 | 1 | Hose, Guard | |
| 29 | 4240018 | 3 | Tie-Strap | |
| 30 | 88662327 | 1 | Fitting, Straight ORFS/ORB | |
| 31 | 1001257430 | 1 | Cover, Hose | |
| 32 | 1001257509 | 2 | Hose | |
| 100 | 1001271619 | 1 | Hose Kit | |
| 101 | 2753670 | 1 | Hose | |
| 102 | 2753671 | 2 | Hose | |
| 103 | 2753682 | 1 | Hose | |
| 104 | 2753684 | 1 | Hose | |
| 105 | 1001167194 | 2 | Hose | |
| 106 | 1001167196 | 1 | Hose | |
| 200 | 1001288114 | 1 | Hose Kit | |
| 201 | 2753674 | 1 | Hose | |
| 202 | 2753677 | 1 | Hose | |
| 203 | 2753678 | 1 | Hose | |
| 204 | 1001269199 | 1 | Hose | |
| 205 | 1001285674 | 1 | Hose | |
| 400 | 1001270075 | 1 | Hose Kit | |
| 401 | 2753653 | 2 | Hose | |
| 402 | 2753654 | 1 | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 403 | 2753656 | 2 | Hose | |
| 404 | 2753686 | 1 | Hose | |
| 405 | 1001111968 | 1 | Hose | |
| 406 | 1001157851 | 1 | Hose | |
| 407 | 1001177226 | 1 | Hose | |
| 408 | 1001181894 | 1 | Hose | |
| 409 | 2753622 | 1 | Hose | |
| 500 | 1001270076 | 1 | Hose Kit | |
| 501 | 2753681 | 1 | Hose | |
| 502 | 2753683 | 1 | Hose | |

# SECTION 8 - ELECTRICAL

# SECTION 8 - ELECTRICAL

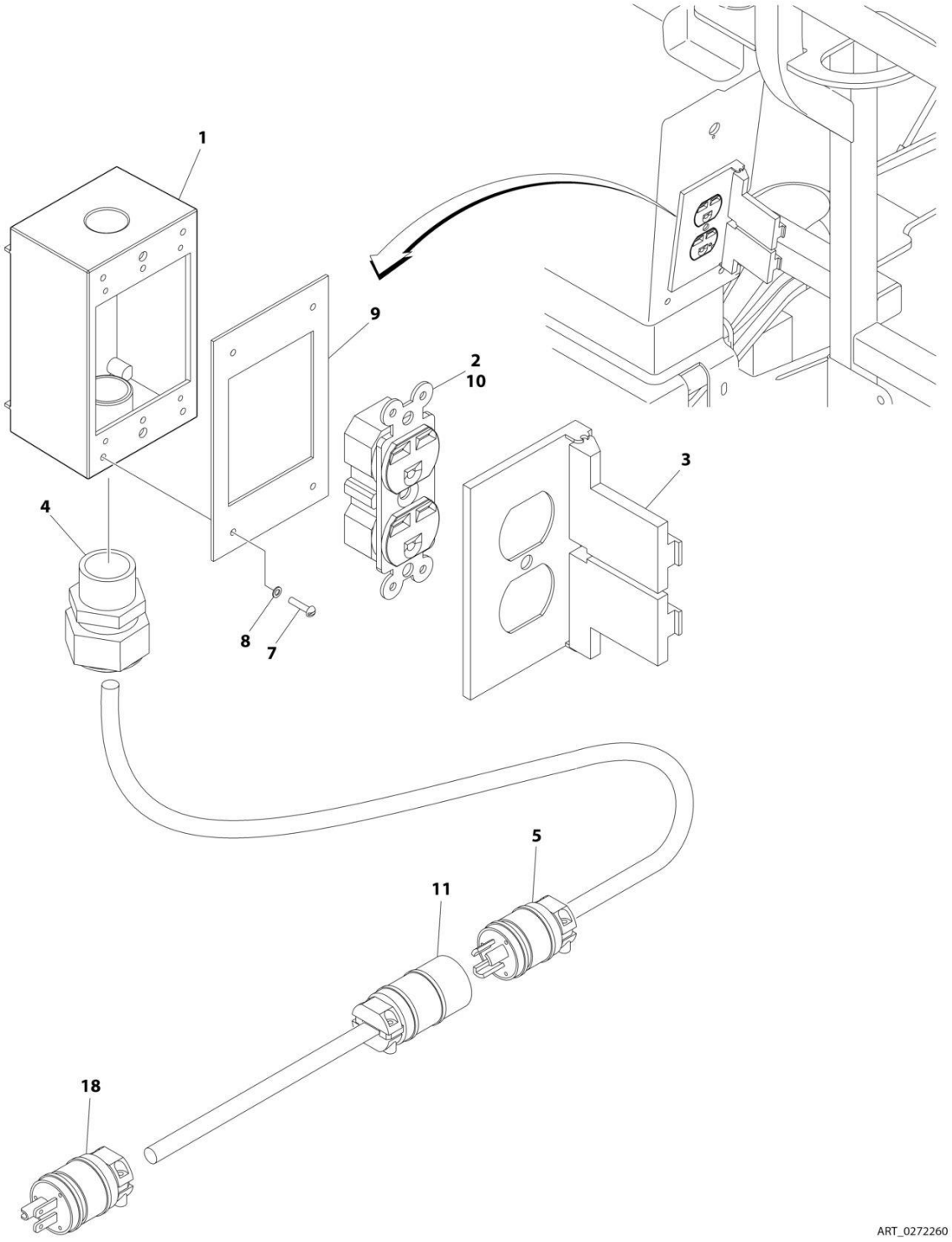
## FIGURE 8-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



## FIGURE 8-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272259 | Ref | AC BOX AT PLATFORM INSTALLATION - 110V GFI RECEPTACLE | C |
| 1 | 0860038 | 1 | Box, Switch | |
| 2 | 4460346 | 1 | Receptacle | |
| 3 | 1001110873 | 1 | Shield, Cover | |
| 4 | 4460051 | 1 | Connector, Strain Relief | |
| 5 | 1001213584 | 1 | Plug, Male | |
| 7 | 3910610 | 4 | Screw #6 x 5/8 | |
| 8 | 4760600 | 4 | Washer #6 | |
| 9 | 3960422 | 1 | Gasket | |
| 10 | 4460315 | 3 | Terminal, Spade | |
| 11 | 1001213585 | 1 | Receptacle, Female | |
| 18 | 4460205 | 1 | Plug, Male | |

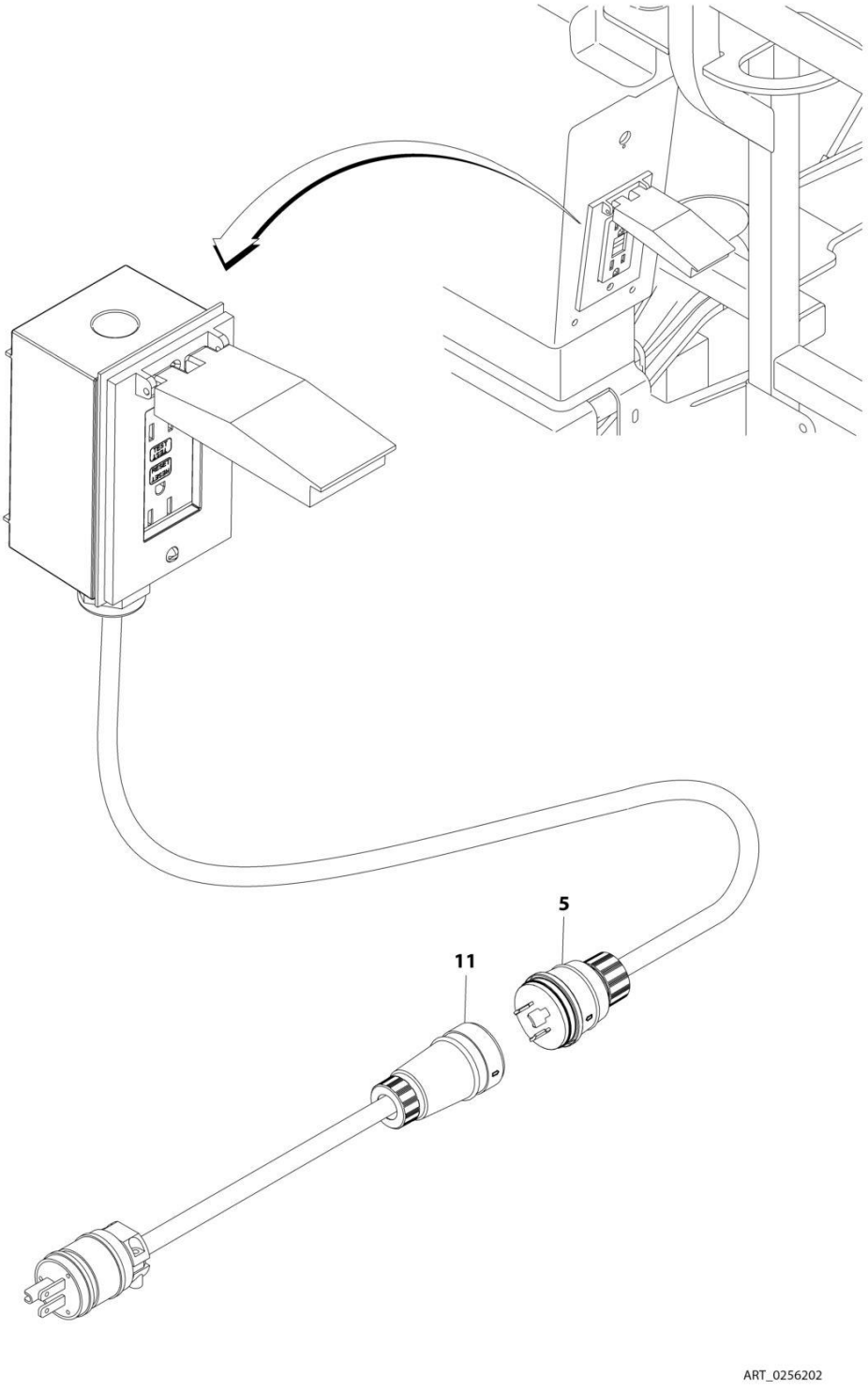
## FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)



## FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272260 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V | C |
| 1 | 0860038 | 1 | Box, Switch | |
| 2 | 4460125 | 1 | Receptacle | |
| 3 | 4060092 | 1 | Shield | |
| 4 | 4460051 | 1 | Connector, Strain Relief | |
| 5 | 1001213584 | 2 | Plug, Male | |
| 7 | 3910610 | 4 | Screw #6 x 5/8 | |
| 8 | 4760600 | 4 | Washer #6 | |
| 9 | 3960422 | 1 | Gasket | |
| 10 | 4460315 | 1 | Terminal, Spade | |
| 11 | 1001213585 | 1 | Receptacle, Female | |
| 18 | 4460233 | 1 | Plug, Male | |

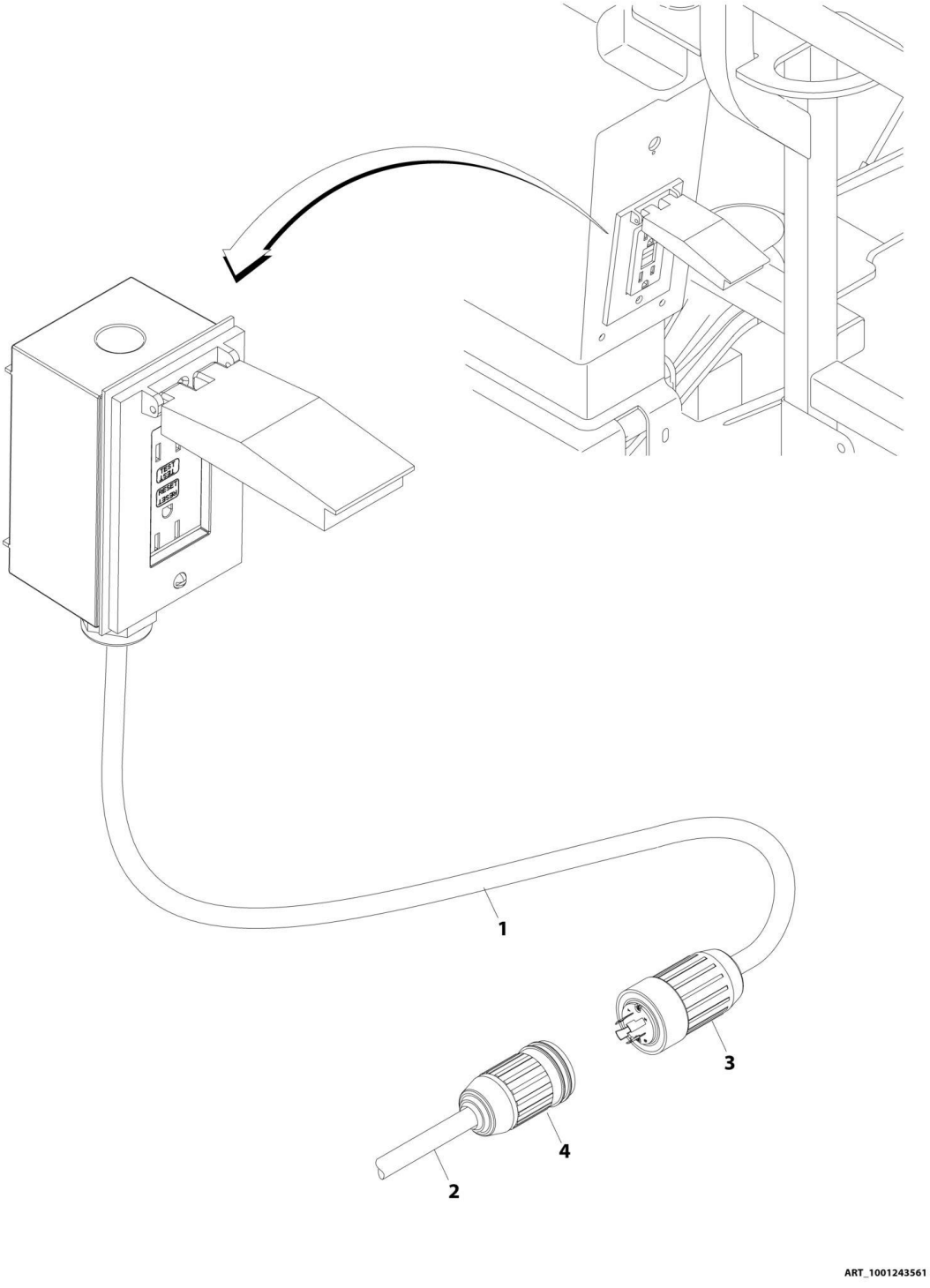
## FIGURE 8-3. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ANSI EXPORT, AUSTRALIAN, CE & UK CA SPECS)



## FIGURE 8-3. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (ANSI EXPORT, AUSTRALIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0256202 | Ref | AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION | D |
| 5 | 1001213584 | 1 | Plug | |
| 11 | 1001213585 | 1 | Receptacle | |

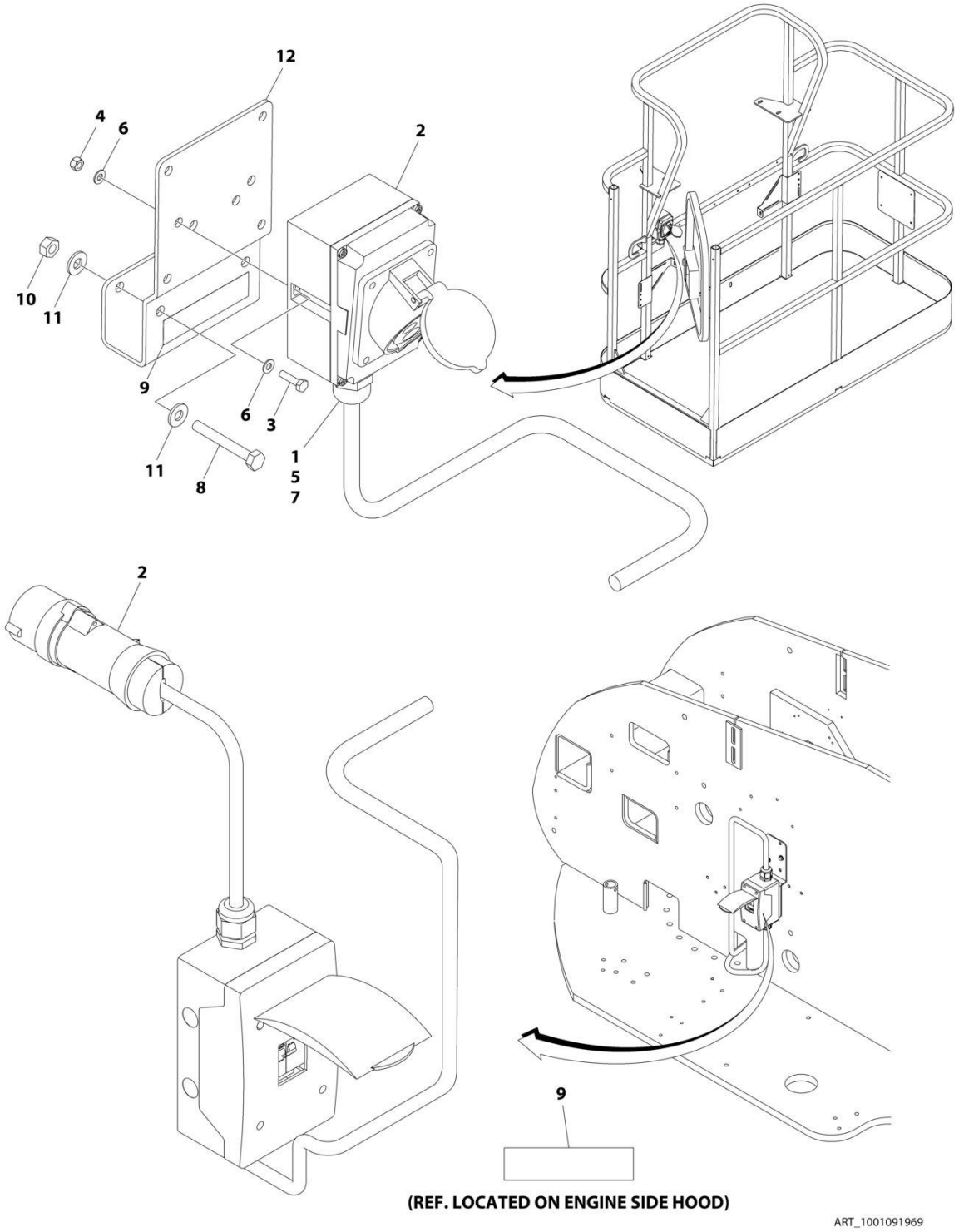
## FIGURE 8-4. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT GENERATOR) (CHINA SPECS)



## FIGURE 8-4. AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION (WITHOUT GENERATOR) (CHINA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243561 | Ref | AC BOX AT PLATFORM MID-BOOM PLUG INSTALLATION | A |
| 1 | 4922874 | 1 | Cable, Electrical 10/3 | |
| 2 | 4922877 | 1 | Cable, Electrical 10/3 | |
| 3 | 1001213584 | 1 | Plug | |
| 4 | 1001213585 | 1 | Receptacle | |

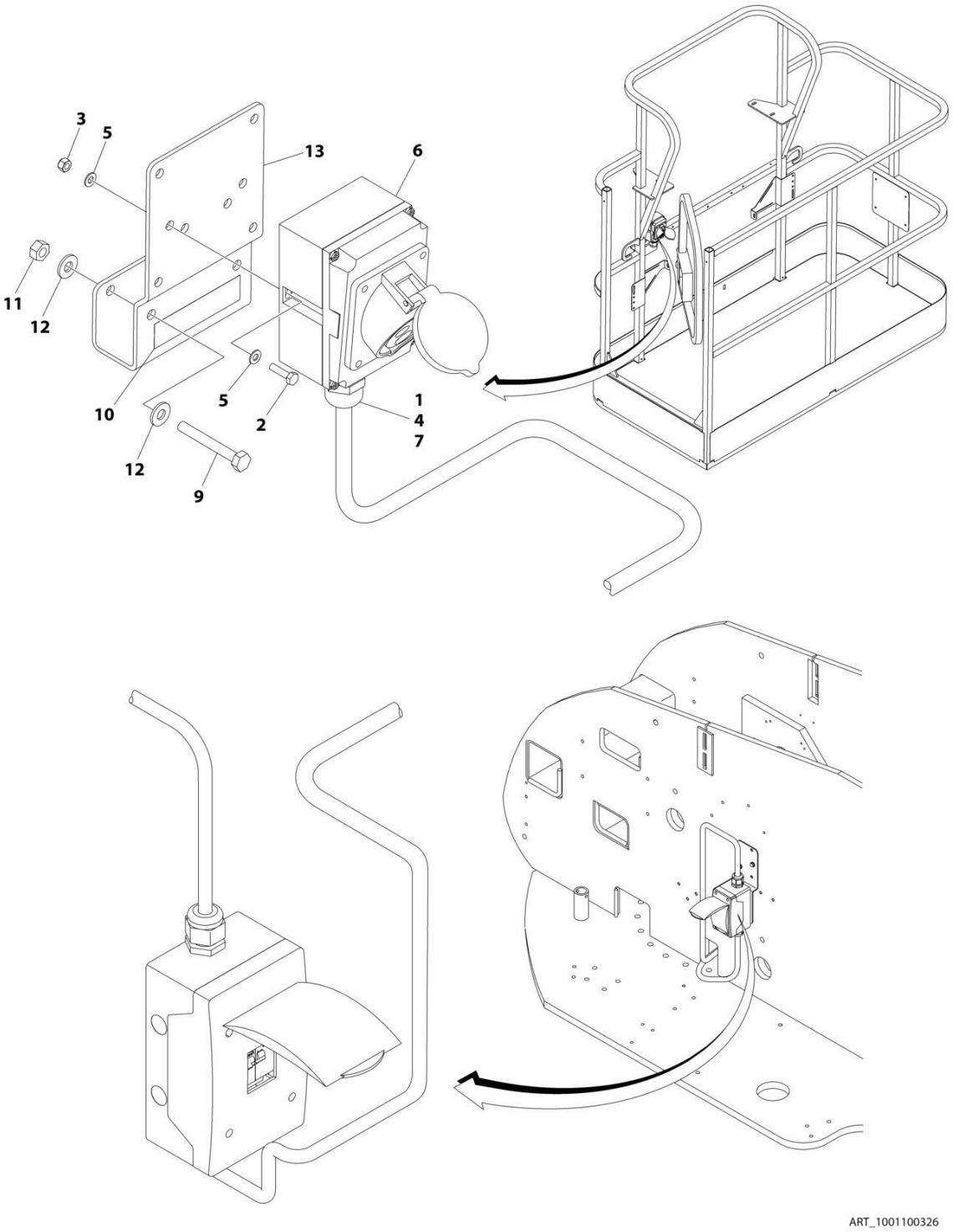
## FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 110V IEC 60309 YELLOW WITHOUT 2500W GENERATOR (RUSSIAN, CE, & UK CA SPECS)



## FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 110V IEC 60309 YELLOW WITHOUT 2500W GENERATOR (RUSSIAN, CE, & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091969 | Ref | AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW | D |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0275216 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 3 | 0700408 | 2 | Bolt M4 x 16 | |
| 4 | 3290405 | 2 | Nut M4 | |
| 5 | 1001101196 | 1 | Adapter | |
| 6 | 4811400 | 4 | Washer M4 | |
| 7 | 1001101191 | 1 | Connector, Strain Relief | |
| 8 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 9 | 1705325 | 2 | Decal - 110V | |
| 10 | 3311405 | 2 | Nut 1/4 | |
| 11 | 4711400 | 4 | Washer 1/4 | |
| 12 | 1001193018 | 1 | Bracket | |

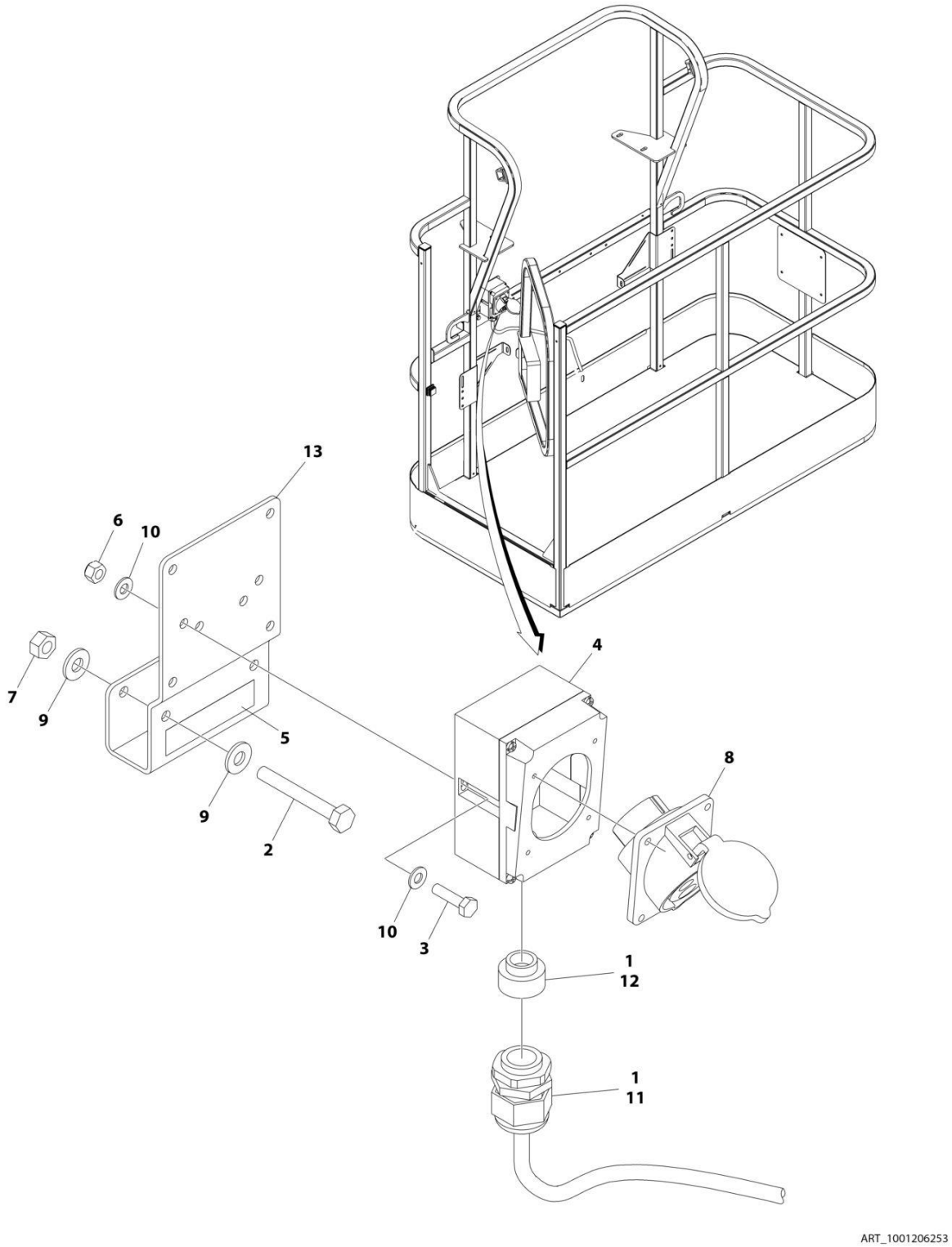
## FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 110V IEC 60309 YELLOW WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)



## FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 110V IEC 60309 YELLOW WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100326 | Ref | AC BOX AT PLATFORM INSTALLATION - 110V IEC 60309 YELLOW | D |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0700408 | 2 | Bolt M4 x 16 | |
| 3 | 3290405 | 2 | Nut M4 | |
| 4 | 1001101196 | 1 | Adapter | |
| 5 | 4811400 | 4 | Washer M4 | |
| 6 | 1001100341 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 7 | 1001101191 | 1 | Connector, Strain Relief | |
| 8 | 1060908 | 10 ft /3.05m | Cable, Electrical 12/3 (Not Shown) | |
| 9 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 10 | 1705325 | 1 | Decal - 110V | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 4711400 | 4 | Washer 1/4 | |
| 13 | 1001193018 | 1 | Bracket | |

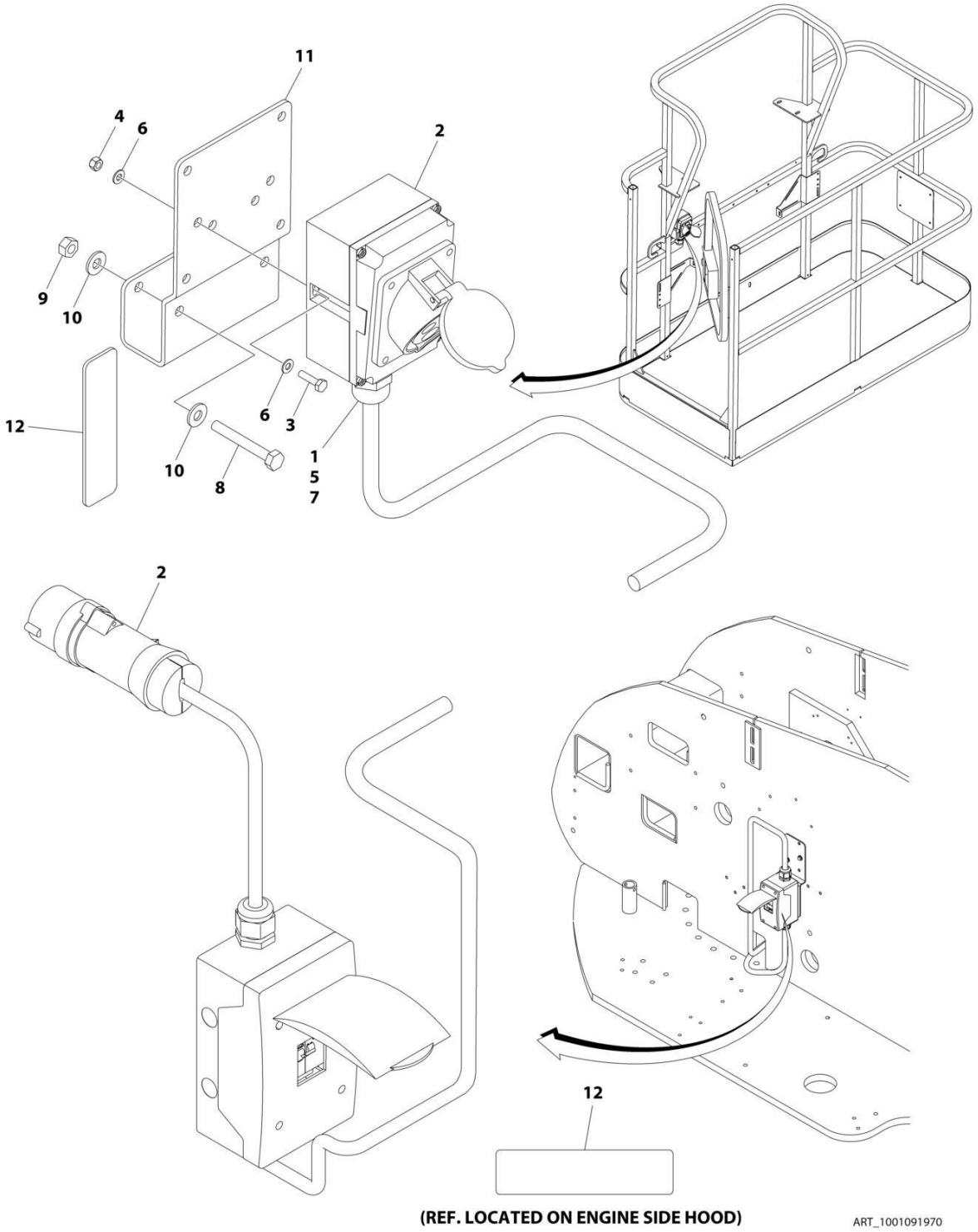
## FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



## FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206253 | Ref | AC BOX AT PLATFORM INSTALLATION - 110V IEC 60309 YELLOW WITHOUT 4000W GENERATOR | A |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 3 | 0700408 | 2 | Bolt M4 x 16 | |
| 4 | 0861781 | 1 | Box, Switch | |
| 5 | 1705325 | 1 | Decal - 110V | |
| 6 | 3290405 | 2 | Nut M4 | |
| 7 | 3311405 | 2 | Nut 1/4 | |
| 8 | 4461198 | 1 | Receptacle | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4811400 | 4 | Washer M4 | |
| 11 | 1001101191 | 1 | Connector, Strain Relief | |
| 12 | 1001101196 | 1 | Adapter | |
| 13 | 1001193018 | 1 | Bracket, AC Receptacle | |

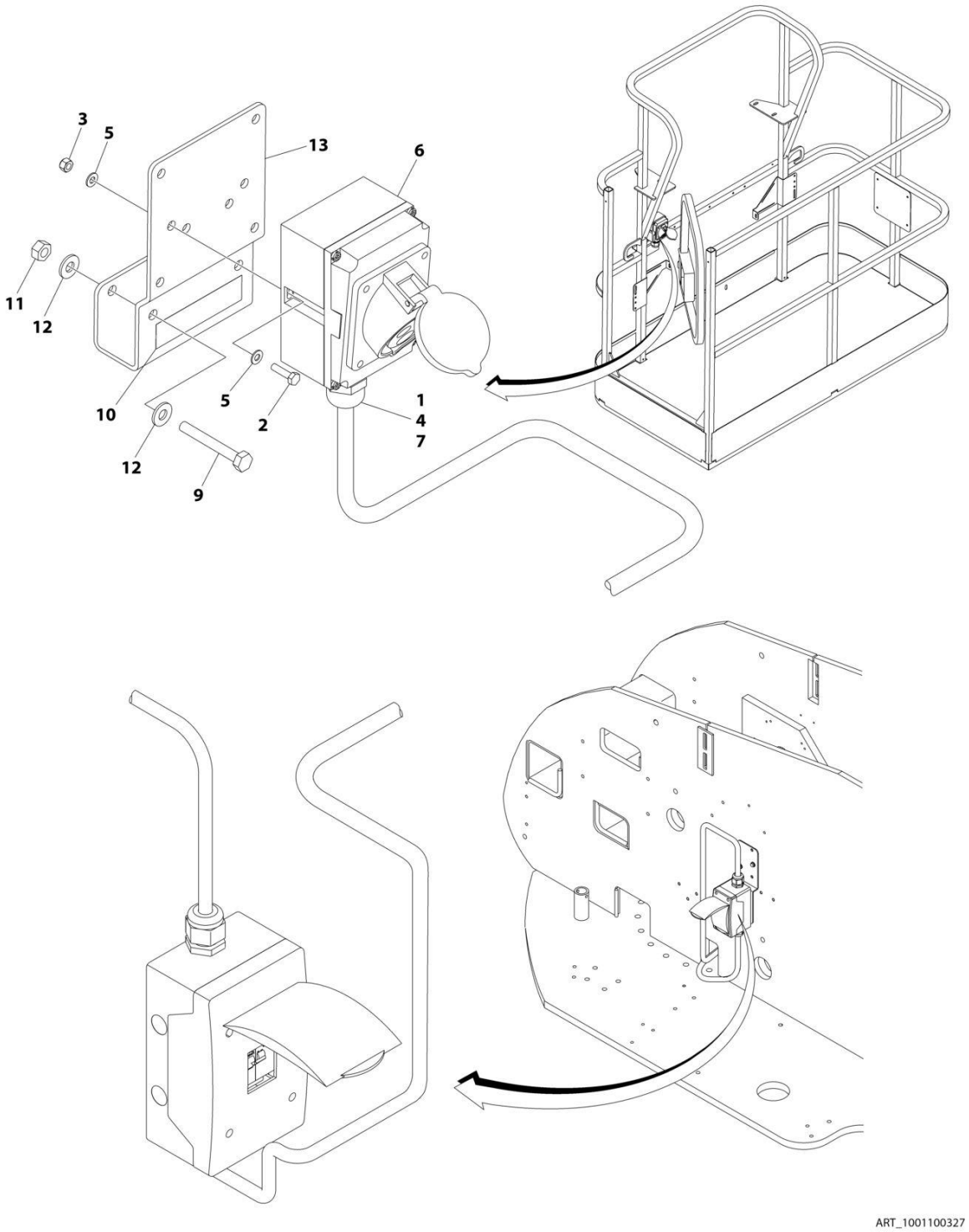
## FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



## FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091970 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE | D |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0275217 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 3 | 0700408 | 2 | Bolt M4 x 16 | |
| 4 | 3290405 | 2 | Nut M4 | |
| 5 | 1001101196 | 1 | Adapter | |
| 6 | 4811400 | 4 | Washer M4 | |
| 7 | 1001101191 | 1 | Connector, Strain Relief | |
| 8 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 9 | 3311405 | 2 | Nut 1/4 | |
| 10 | 4711400 | 4 | Washer 1/4 | |
| 11 | 1001193018 | 1 | Bracket | |
| 12 | 3251242 | 2 | Decal - 240V/50Hz | |

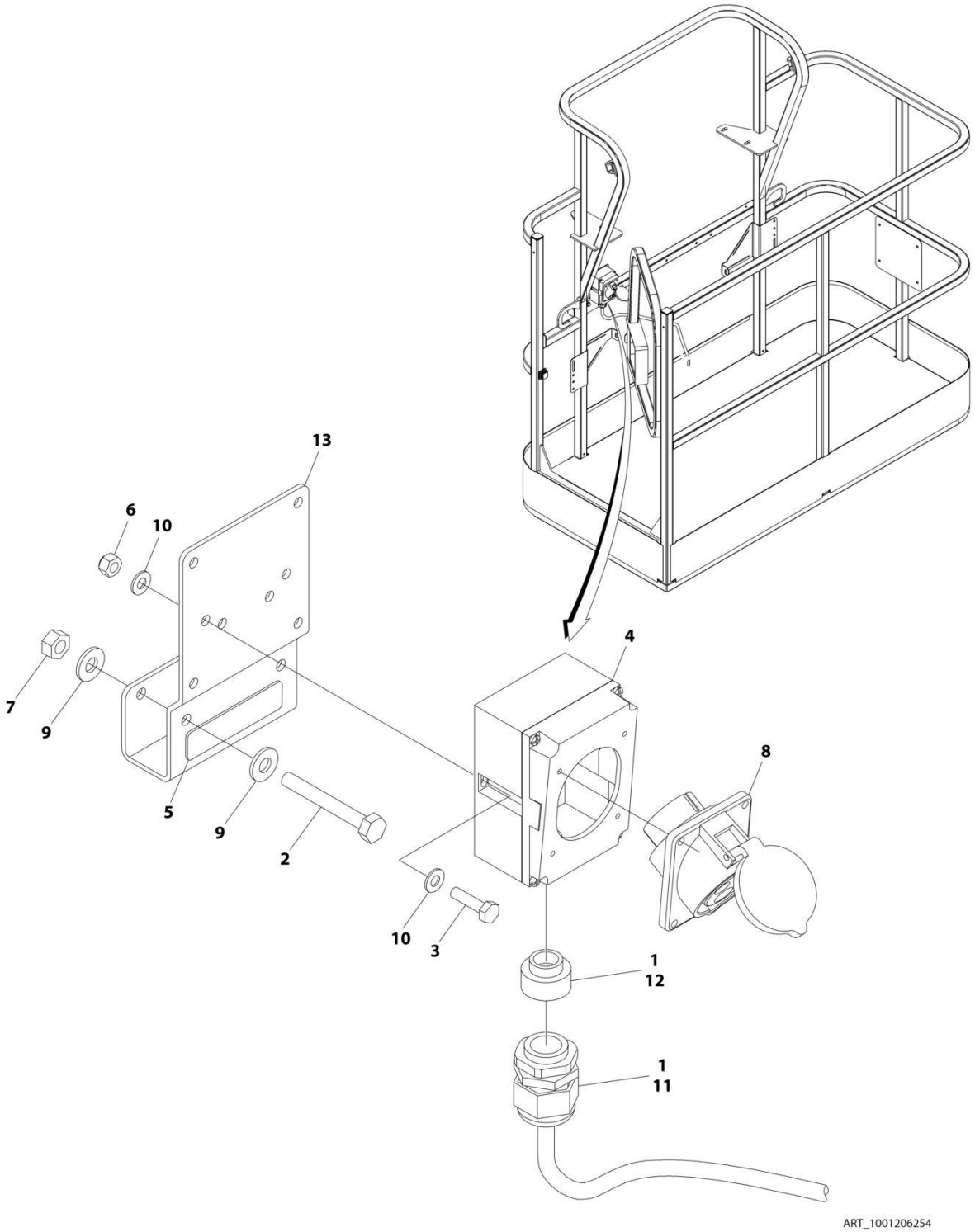
## FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V IEC 60309 BLUE WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)



## FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V IEC 60309 BLUE WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100327 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V IEC 60309 BLUE | D |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0700408 | 2 | Bolt M4 x 16 | |
| 3 | 3290405 | 2 | Nut M4 | |
| 4 | 1001101196 | 1 | Adapter | |
| 5 | 4811400 | 4 | Washer M4 | |
| 6 | 1001100342 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 7 | 1001101191 | 1 | Connector, Strain Relief | |
| 8 | 1060908 | 10 ft /3.05m | Cable, Electrical 12/3 (Not Shown) | |
| 9 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 10 | 3252507 | 1 | Decal - 220V | |
| 11 | 3311405 | 2 | Nut 1/4 | |
| 12 | 4711400 | 4 | Washer 1/4 | |
| 13 | 1001193018 | 1 | Bracket | |

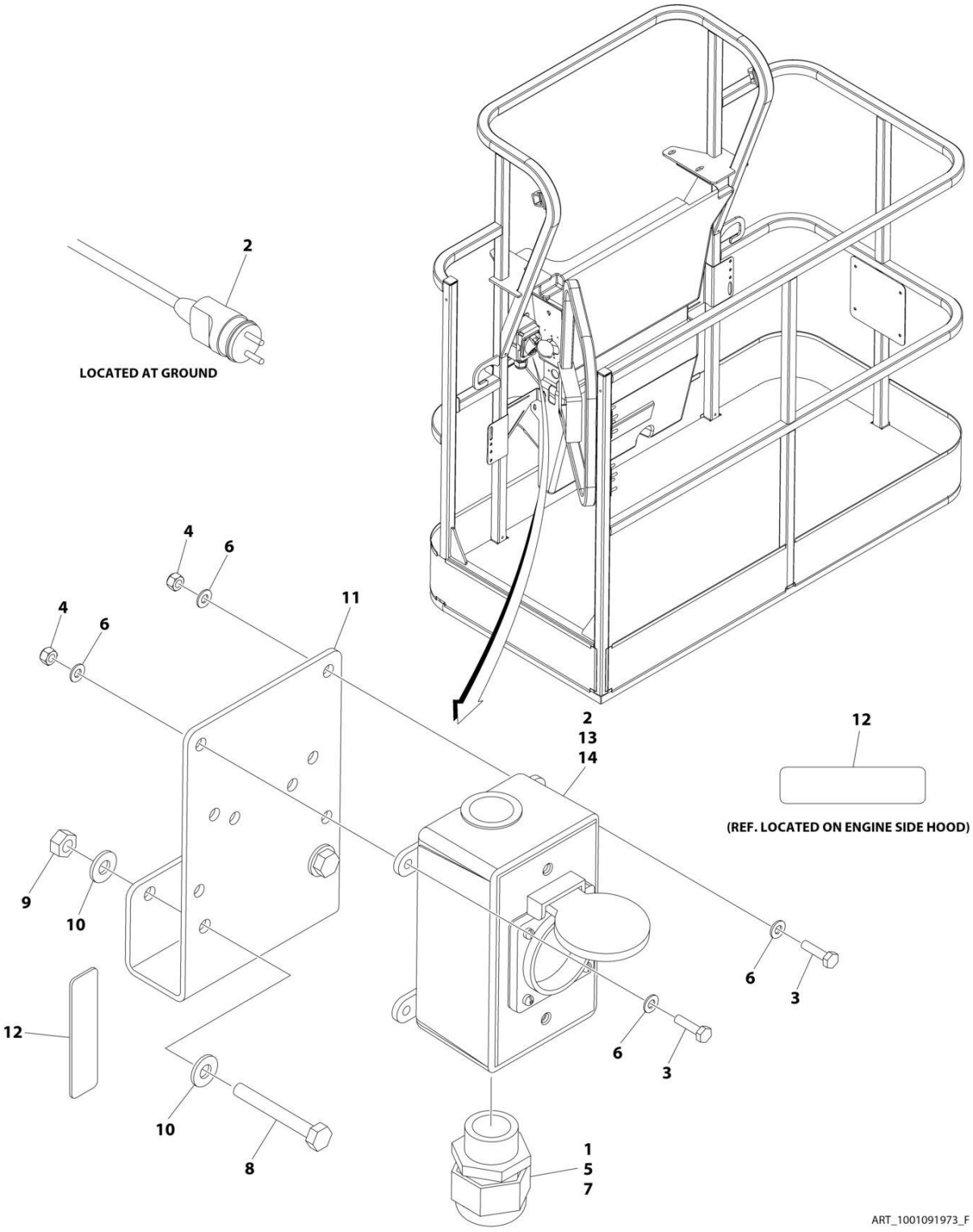
## FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



## FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206254 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE | A |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 3 | 0700408 | 2 | Bolt M4 x 16 | |
| 4 | 0861781 | 1 | Box, Switch | |
| 5 | 3251242 | 1 | Decal - 240V/50Hz | |
| 6 | 3290405 | 2 | Nut M4 | |
| 7 | 3311405 | 2 | Nut 1/4 | |
| 8 | 4461201 | 1 | Receptacle | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4811400 | 4 | Washer M4 | |
| 11 | 1001101191 | 1 | Connector, Strain Relief | |
| 12 | 1001101196 | 1 | Adapter | |
| 13 | 1001193018 | 1 | Bracket, AC Receptacle | |

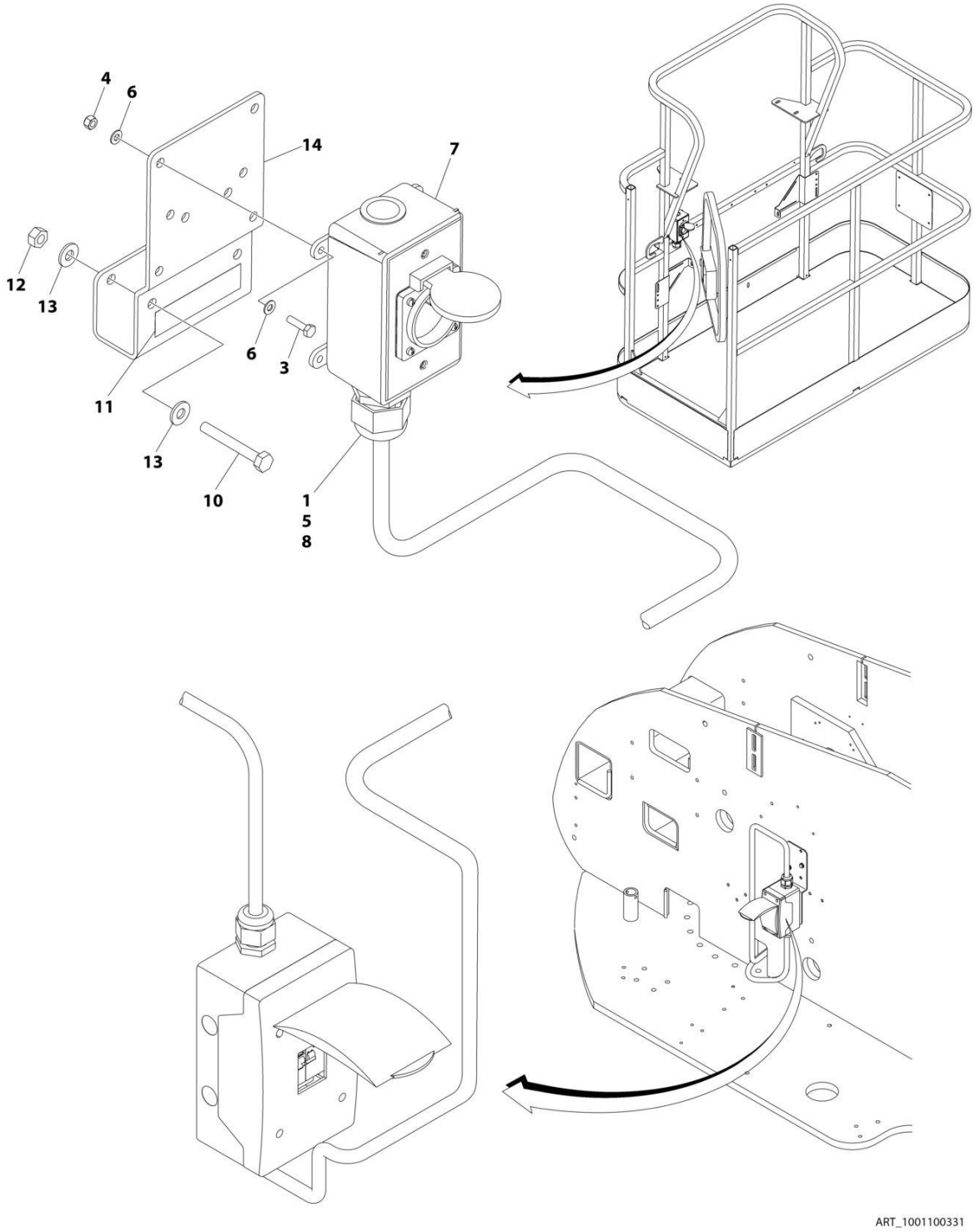
## FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



## FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091973 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX POST GROUND | F |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0275452 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 3290405 | 4 | Nut M4 | |
| 5 | 1001101197 | 1 | Adapter | |
| 6 | 4811400 | 8 | Washer M4 | |
| 7 | 1001101191 | 1 | Connector, Strain Relief | |
| 8 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 9 | 3311405 | 2 | Nut 1/4 | |
| 10 | 4711400 | 4 | Washer 1/4 | |
| 11 | 1001193018 | 1 | Bracket | |
| 12 | 3251242 | 2 | Decal - 240V/50Hz | |
| 13 | 4460806 | 2 | Terminal, Fork (Not Shown) | |
| 14 | 1001205958 | 1 | Terminal (Not Shown) | |

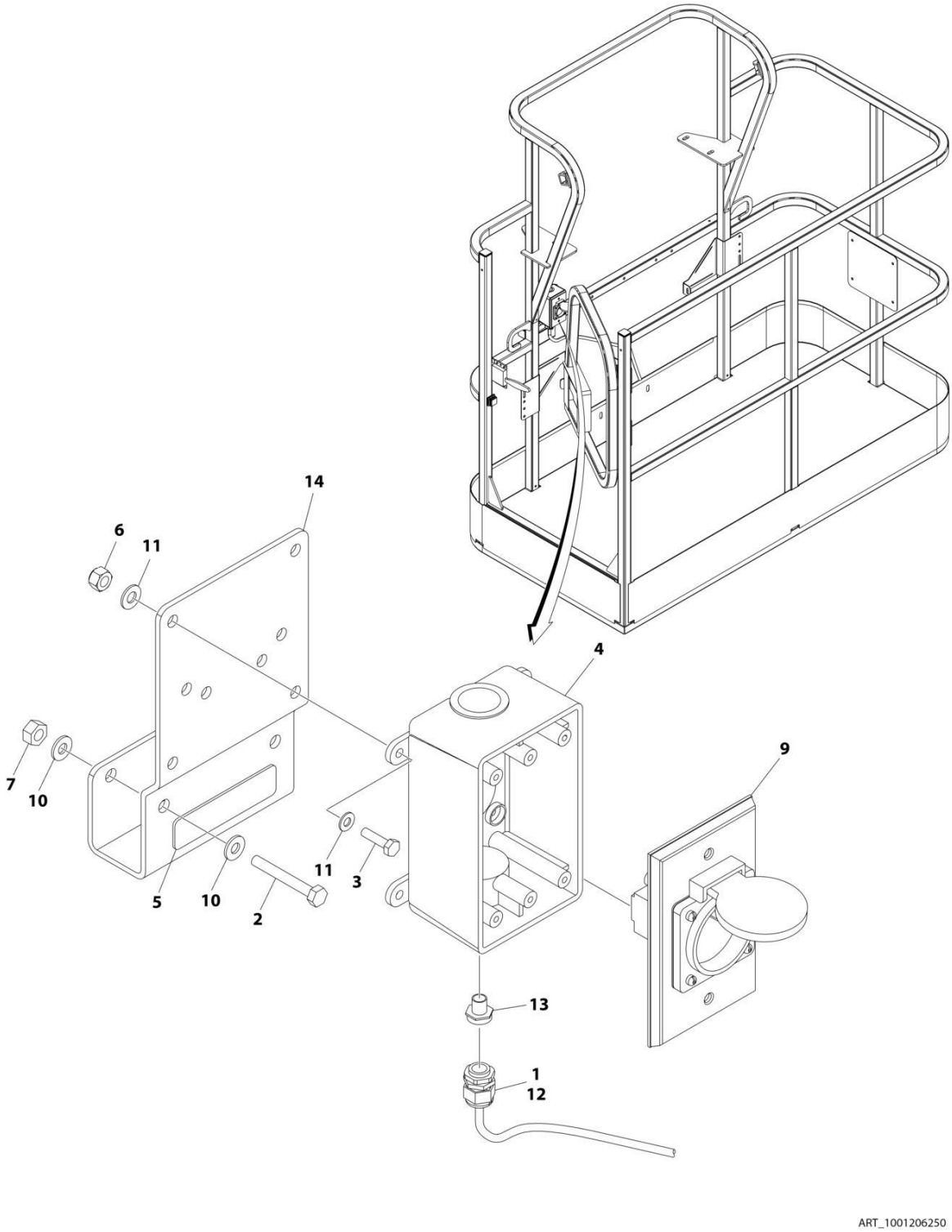
## FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (2X4 BOX) WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)



## FIGURE 8-12. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (2X4 BOX) WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100331 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (2X4 BOX) | E |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 3290405 | 4 | Nut M4 | |
| 5 | 1001101197 | 1 | Adapter | |
| 6 | 4811400 | 8 | Washer M4 | |
| 7 | 1001100345 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 8 | 1001101191 | 1 | Connector, Strain Relief | |
| 9 | 1060908 | 10 ft /3.05m | Cable, Electrical 12/3 (Not Shown) | |
| 10 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 11 | 3252507 | 1 | Decal - 220V | |
| 12 | 3311405 | 2 | Nut 1/4 | |
| 13 | 4711400 | 4 | Washer 1/4 | |
| 14 | 1001193018 | 1 | Bracket | |
| 15 | 4460806 | 2 | Terminal, Fork (Not Shown) | |
| 16 | 1001205958 | 1 | Terminal (Not Shown) | |

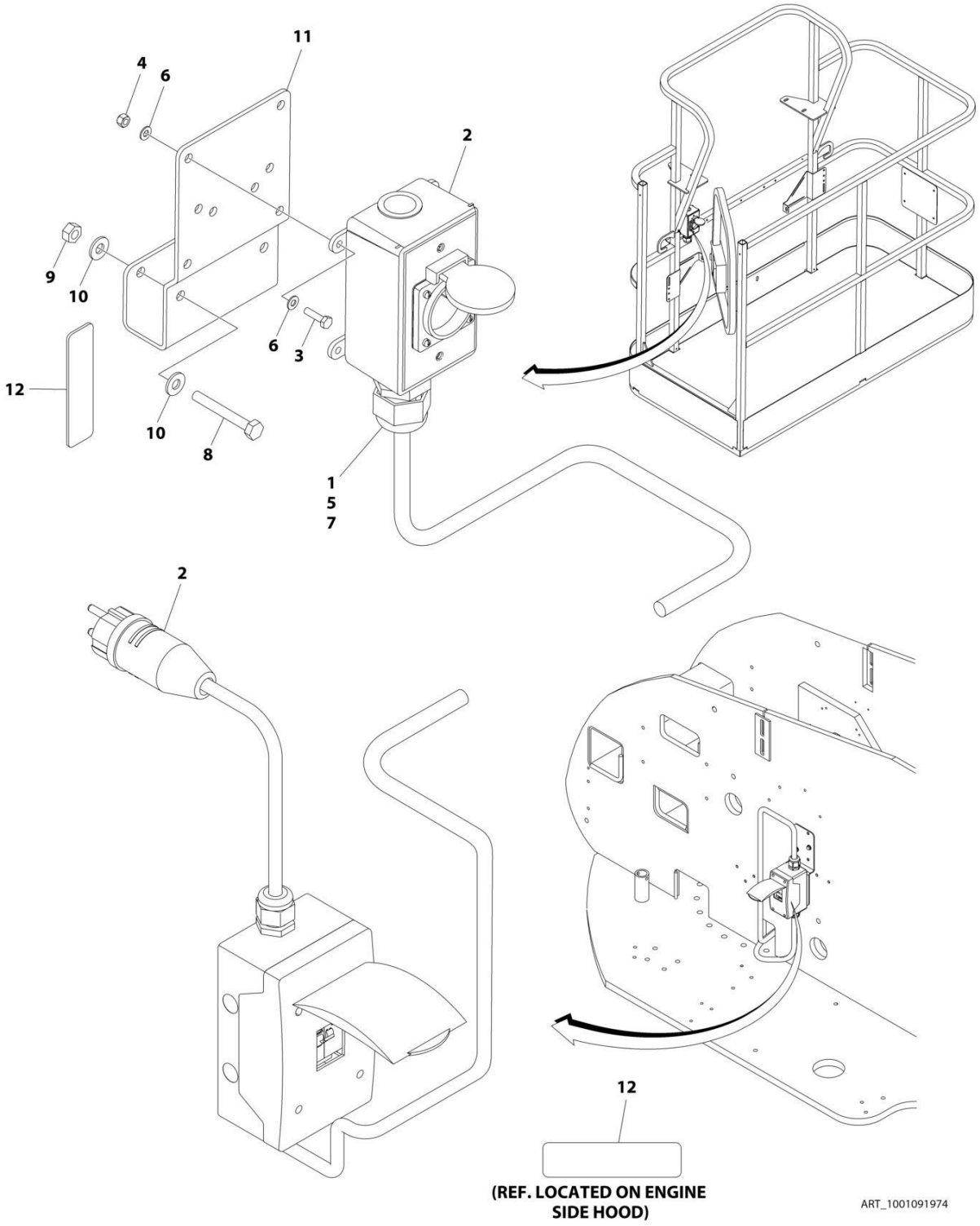
## FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



## FIGURE 8-13. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206250 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX POST GROUND | A |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 0861731 | 1 | Box, Switch | |
| 5 | 3251242 | 1 | Decal - 240V/50Hz | |
| 6 | 3290405 | 4 | Nut M4 | |
| 7 | 3311405 | 2 | Nut 1/4 | |
| 8 | 4460806 | 2 | Terminal, Fork (Not Shown) | |
| 9 | 4461244 | 1 | Receptacle | |
| 10 | 4711400 | 4 | Washer 1/4 | |
| 11 | 4811400 | 8 | Washer M4 | |
| 12 | 1001101191 | 1 | Connector, Strain Relief | |
| 13 | 1001101197 | 1 | Adapter | |
| 14 | 1001193018 | 1 | Bracket, AC Receptacle | |
| 15 | 1001205958 | 1 | Terminal (Not Shown) | |

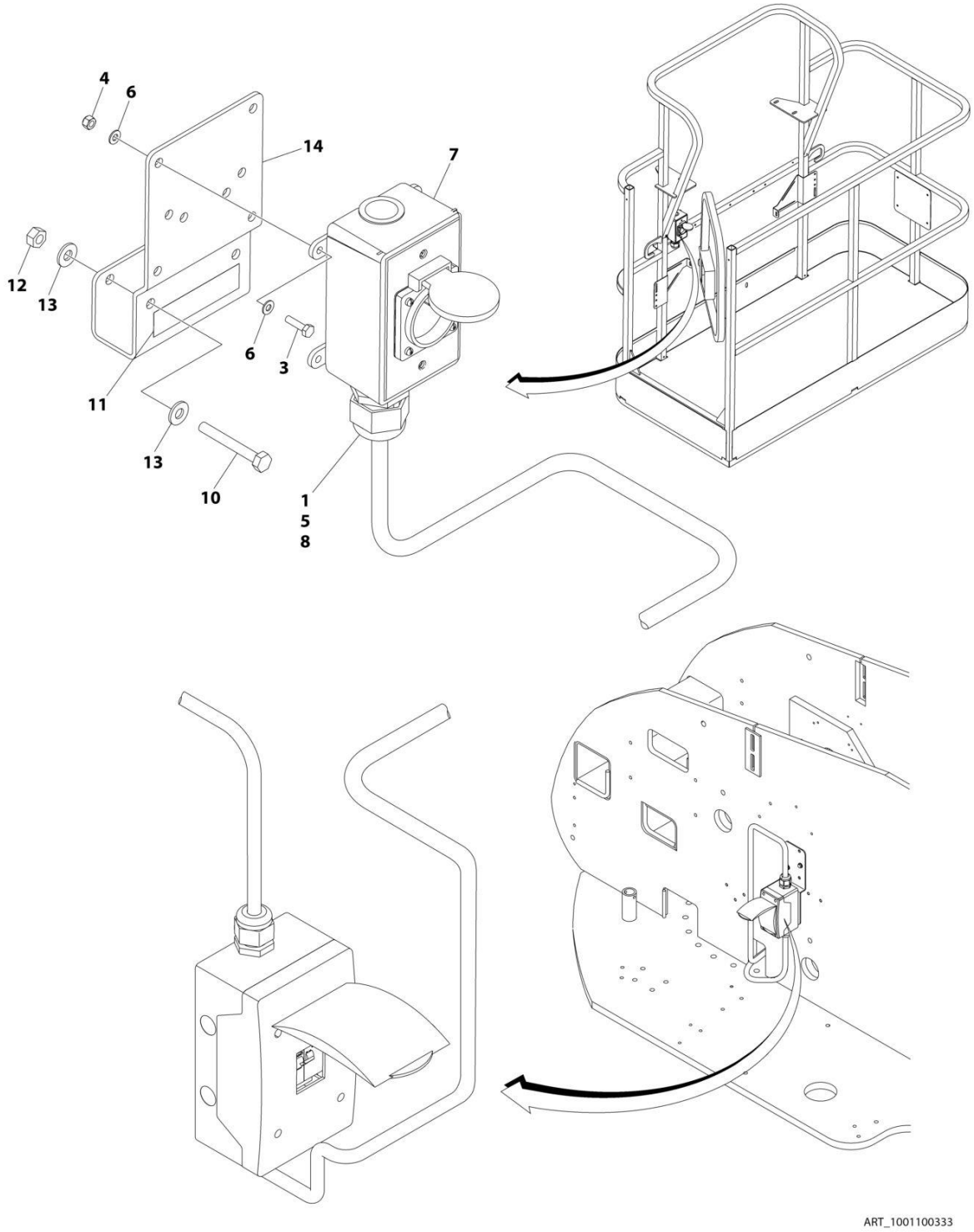
## FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



## FIGURE 8-14. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091974 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX SIDE GROUND | F |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0275453 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 3290405 | 4 | Nut M4 | |
| 5 | 1001101197 | 1 | Adapter | |
| 6 | 4811400 | 8 | Washer M4 | |
| 7 | 1001101191 | 1 | Connector, Strain Relief | |
| 8 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 9 | 3311405 | 2 | Nut 1/4 | |
| 10 | 4711400 | 4 | Washer 1/4 | |
| 11 | 1001193018 | 1 | Bracket | |
| 12 | 3251242 | 2 | Decal - 240V/50Hz | |
| 13 | 4460806 | 2 | Terminal, Fork (Not Shown) | |
| 14 | 1001205958 | 1 | Terminal (Not Shown) | |

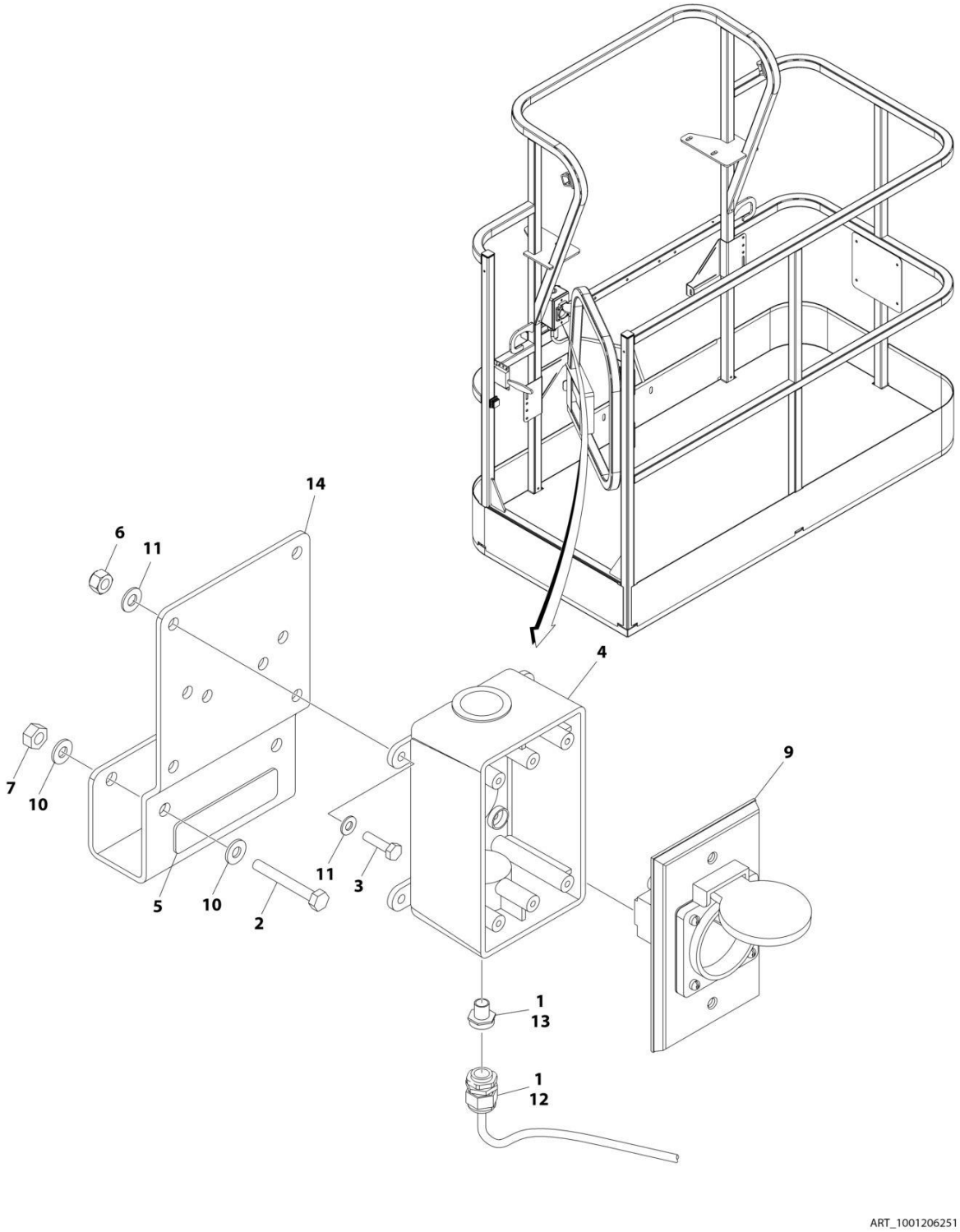
## FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (2X4 BOX) WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)



## FIGURE 8-15. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (2X4 BOX) WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100333 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (2X4 BOX) | E |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 3290405 | 4 | Nut M4 | |
| 5 | 1001101197 | 1 | Adapter | |
| 6 | 4811400 | 8 | Washer M4 | |
| 7 | 1001100347 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 8 | 1001101191 | 1 | Connector, Strain Relief | |
| 9 | 1060908 | 10 ft /3.05m | Cable, Electrical 12/3 (Not Shown) | |
| 10 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 11 | 3252507 | 1 | Decal - 220V | |
| 12 | 3311405 | 2 | Nut 1/4 | |
| 13 | 4711400 | 4 | Washer 1/4 | |
| 14 | 1001193018 | 1 | Bracket | |
| 15 | 4460806 | 2 | Terminal, Fork (Not Shown) | |
| 16 | 1001205958 | 1 | Terminal (Not Shown) | |

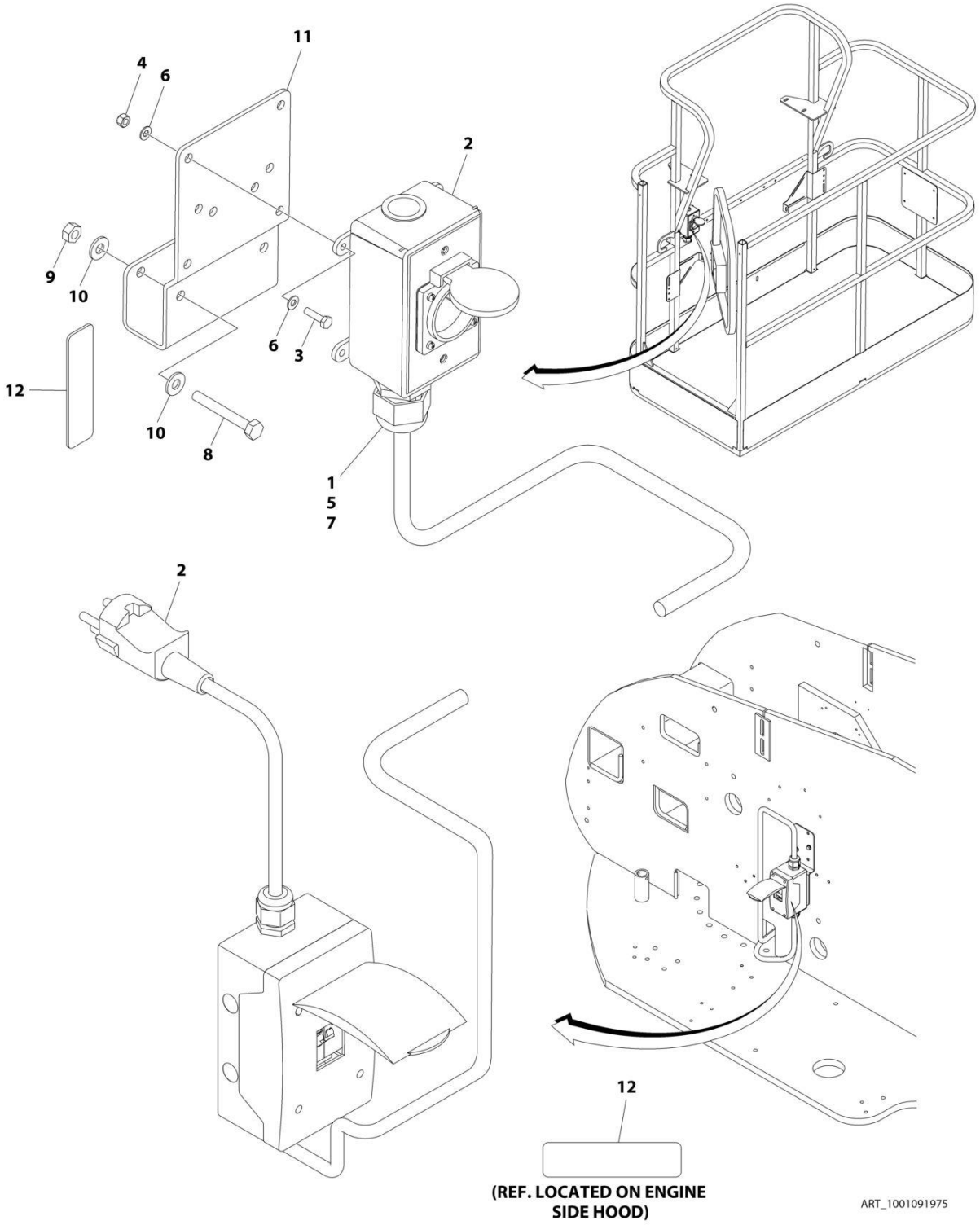
## FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



## FIGURE 8-16. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206251 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 2X4 BOX SIDE GROUND | A |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 0861731 | 1 | Box, Switch | |
| 5 | 3251242 | 1 | Decal - 240V/50Hz | |
| 6 | 3290405 | 4 | Nut M4 | |
| 7 | 3311405 | 2 | Nut 1/4 | |
| 8 | 4460806 | 2 | Terminal, Fork (Not Shown) | |
| 9 | 4461245 | 1 | Receptacle | |
| 10 | 4711400 | 4 | Washer 1/4 | |
| 11 | 4811400 | 8 | Washer M4 | |
| 12 | 1001101191 | 1 | Connector, Strain Relief | |
| 13 | 1001101197 | 1 | Adapter | |
| 14 | 1001193018 | 1 | Bracket, AC Receptacle | |
| 15 | 1001205958 | 1 | Terminal (Not Shown) | |

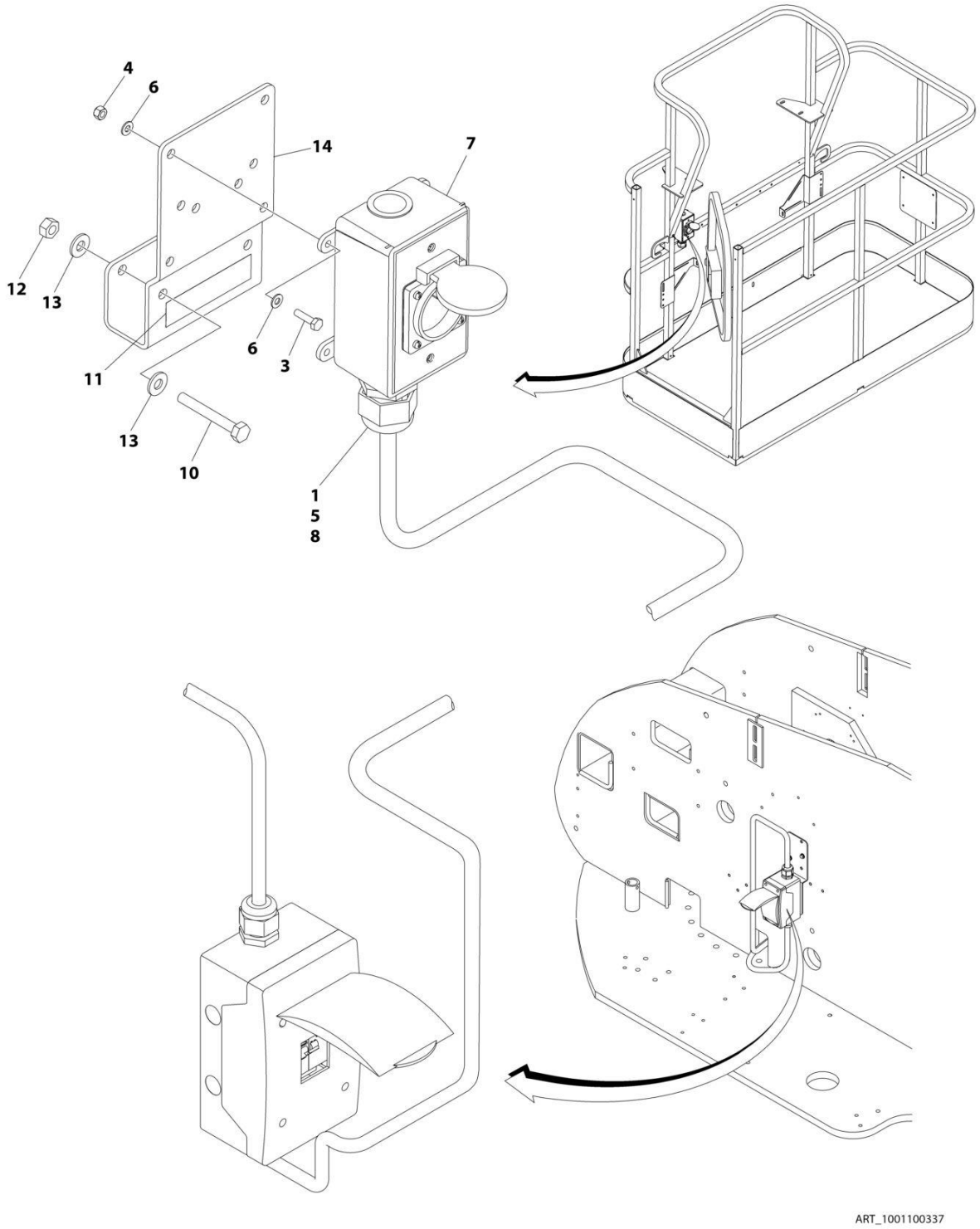
## FIGURE 8-17. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)



## FIGURE 8-17. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 2500W GENERATOR OR NO GENERATOR OPTION)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091975 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 2X4 BOX KEYED GROUND | F |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0275454 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 3290405 | 4 | Nut M4 | |
| 5 | 1001101197 | 1 | Adapter | |
| 6 | 4811400 | 8 | Washer M4 | |
| 7 | 1001101191 | 1 | Connector, Strain Relief | |
| 8 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 9 | 3311405 | 2 | Nut 1/4 | |
| 10 | 4711400 | 4 | Washer 1/4 | |
| 11 | 1001193018 | 1 | Bracket | |
| 12 | 3251242 | 2 | Decal - 240V/50Hz | |
| 13 | 1001205958 | 3 | Terminal (Not Shown) | |

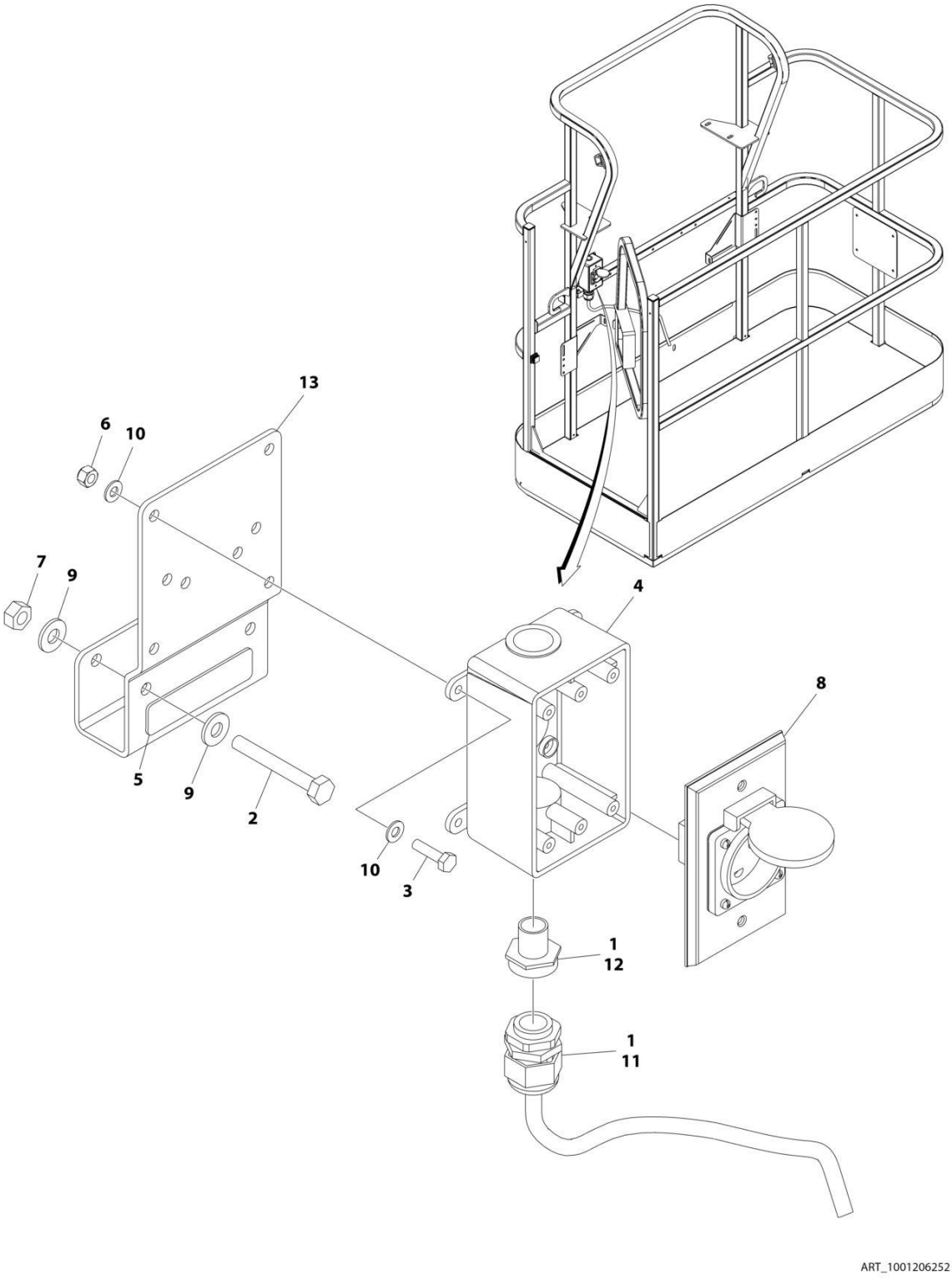
## FIGURE 8-18. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (2X4 BOX) WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)



## FIGURE 8-18. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (2X4 BOX) WITH 2500W GENERATOR (RUSSIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100337 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 2X4 BOX KEYED GROUND (2X4 BOX) | E |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 3290405 | 4 | Nut M4 | |
| 5 | 1001101197 | 1 | Adapter | |
| 6 | 4811400 | 8 | Washer M4 | |
| 7 | 1001100346 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 8 | 1001101191 | 1 | Connector, Strain Relief | |
| 9 | 1060908 | 10 ft /3.05m | Cable, Electrical 12/3 (Not Shown) | |
| 10 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 11 | 3252507 | 1 | Decal - 220V | |
| 12 | 3311405 | 2 | Nut 1/4 | |
| 13 | 4711400 | 4 | Washer 1/4 | |
| 14 | 1001193018 | 1 | Bracket | |
| 15 | 1001205958 | 3 | Terminal (Not Shown) | |

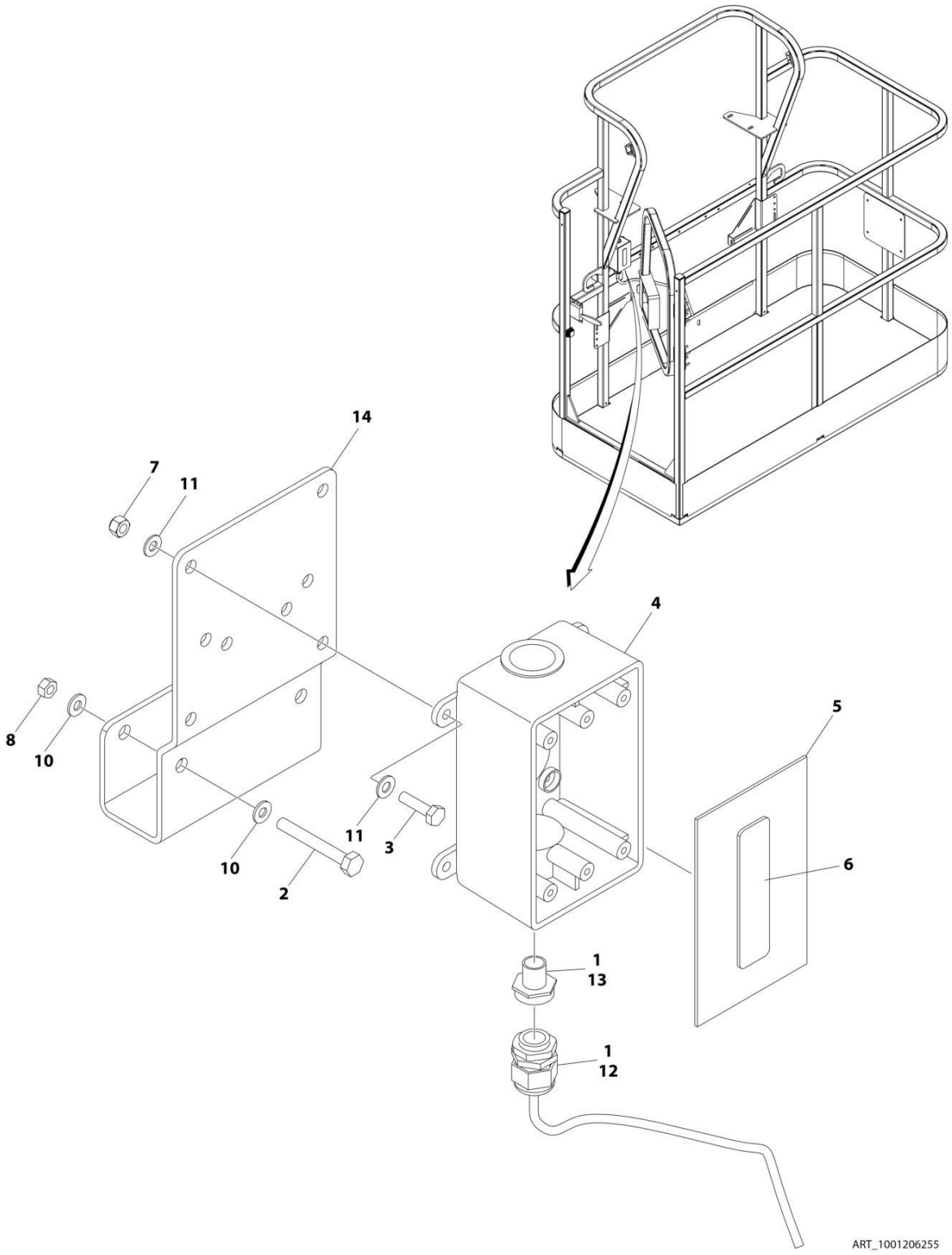
## FIGURE 8-19. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)



## FIGURE 8-19. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND (RUSSIAN, CE & UK CA SPECS) (MACHINES WITH 4000W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206252 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 2x4 BOX KEYED GROUND | A |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 0861731 | 1 | Box, Switch | |
| 5 | 3251242 | 1 | Decal - 240V/50Hz | |
| 6 | 3290405 | 4 | Nut M4 | |
| 7 | 3311405 | 2 | Nut 1/4 | |
| 8 | 4461246 | 1 | Receptacle | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4811400 | 8 | Washer M4 | |
| 11 | 1001101191 | 1 | Connector, Strain Relief | |
| 12 | 1001101197 | 1 | Adapter | |
| 13 | 1001193018 | 1 | Bracket, AC Receptacle | |
| 14 | 1001205958 | 3 | Terminal (Not Shown) | |

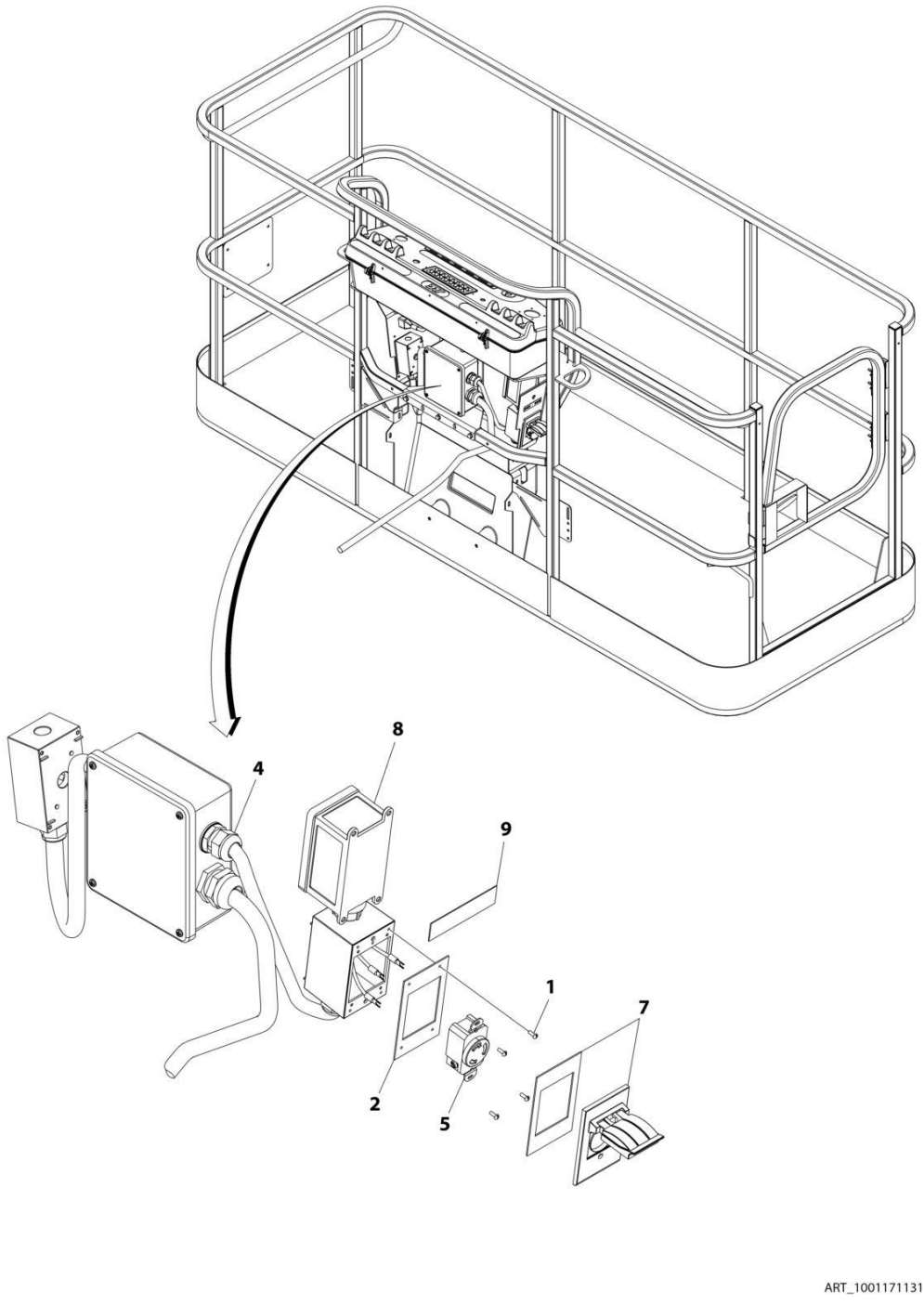
## FIGURE 8-20. AC BOX AT PLATFORM INSTALLATION - 220V (2X4 BOX & COVER ONLY - LOCALLY SUPPLIED RECEPTACLE) (4000W GENERATOR)



## FIGURE 8-20. AC BOX AT PLATFORM INSTALLATION - 220V (2X4 BOX & COVER ONLY - LOCALLY SUPPLIED RECEPTACLE) (4000W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206255 | Ref | AC BOX AT PLATFORM INSTALLATION - BOX WITH COVER (2X4 BOX) WITH 4000W GENERATOR | A |
| 1 | 0100020 | AR | Sealant, Pipe | |
| 2 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 3 | 0700408 | 4 | Bolt M4 x 16 | |
| 4 | 0861731 | 1 | Box, Switch | |
| 5 | 1670603 | 1 | Cover | |
| 6 | 3251242 | 1 | Decal - 240V-50Hz | |
| 7 | 3290405 | 4 | Nut M4 | |
| 8 | 3311405 | 2 | Nut 1/4 | |
| 10 | 4711400 | 4 | Washer 1/4 | |
| 11 | 4811400 | 8 | Washer M4 | |
| 12 | 1001101191 | 1 | Connector, Strain Relief | |
| 13 | 1001101197 | 1 | Adapter | |
| 14 | 1001193018 | 1 | Bracket, AC Receptacle | |

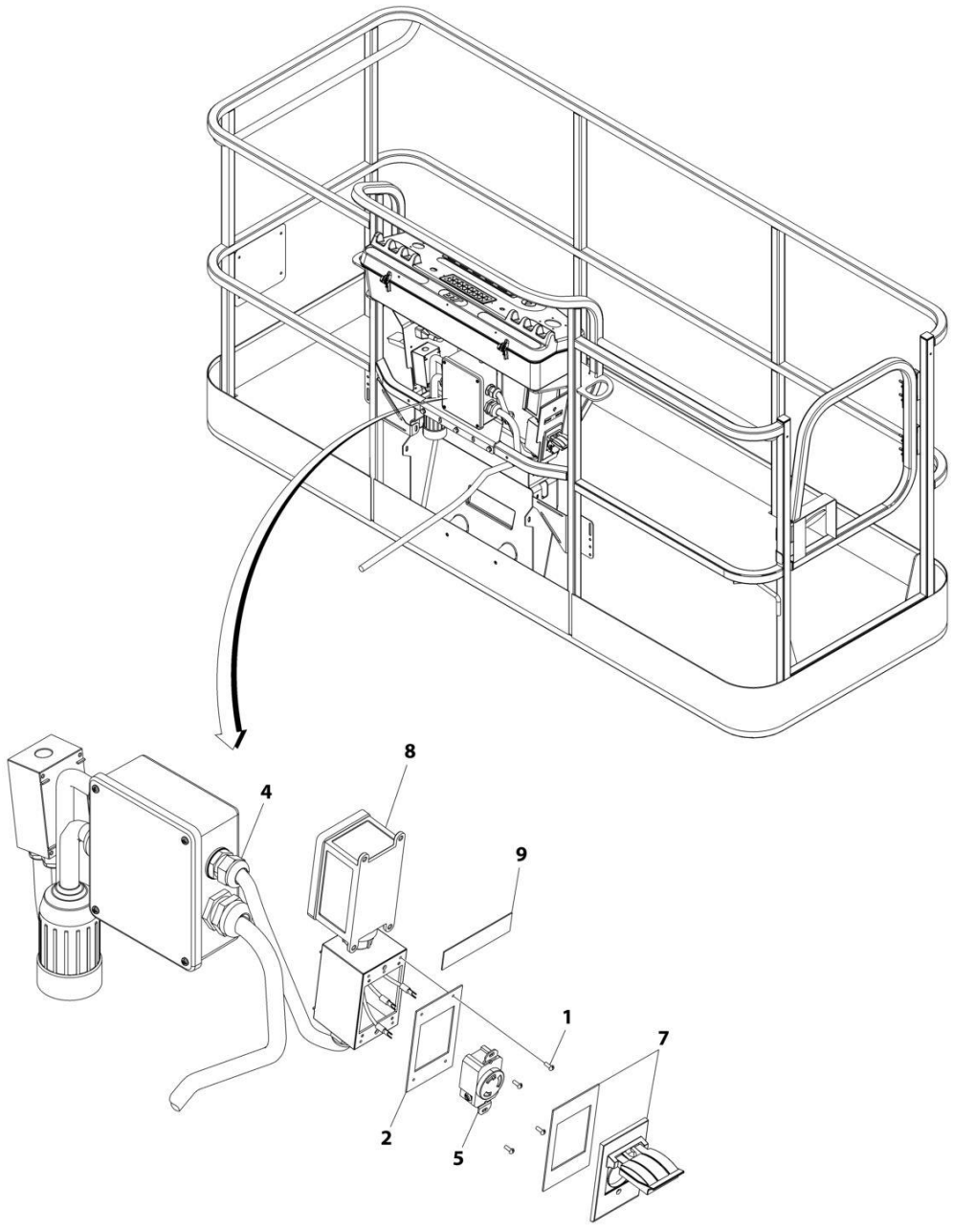
## FIGURE 8-21. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI, ANSI EXPORT AND CSA SPECS WITH 4000W SKYPOWER GENERATOR)



## FIGURE 8-21. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI, ANSI EXPORT AND CSA SPECS WITH 4000W SKYPOWER GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171131 | Ref | AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE | B |
| 1 | 3910606 | 4 | Screw 6 x 3/8 | |
| 2 | 3960422 | 1 | Gasket | |
| 3 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 4 | 4460425 | 1 | Connector, Strain Relief | |
| 5 | 1001176862 | 1 | Receptacle | |
| 7 | 1001110872 | 1 | Cover, Receptacle | |
| 8 | 1001159120 | 1 | Receptacle/Breaker Box Assembly | |
| 8 | 1001148675 | 1 | Box, Receptacle | |
| 8 | 1001159118 | 1 | Breaker GFCI 30Amp 240VAC | |
| 8 | 4460612 | 1 | Connector, Strain Relief | |
| 8 | 1001159119 | 1 | Connector (Between Boxes) | |
| 9 | 1705374 | 1 | Decal - 240V/60Hz | |

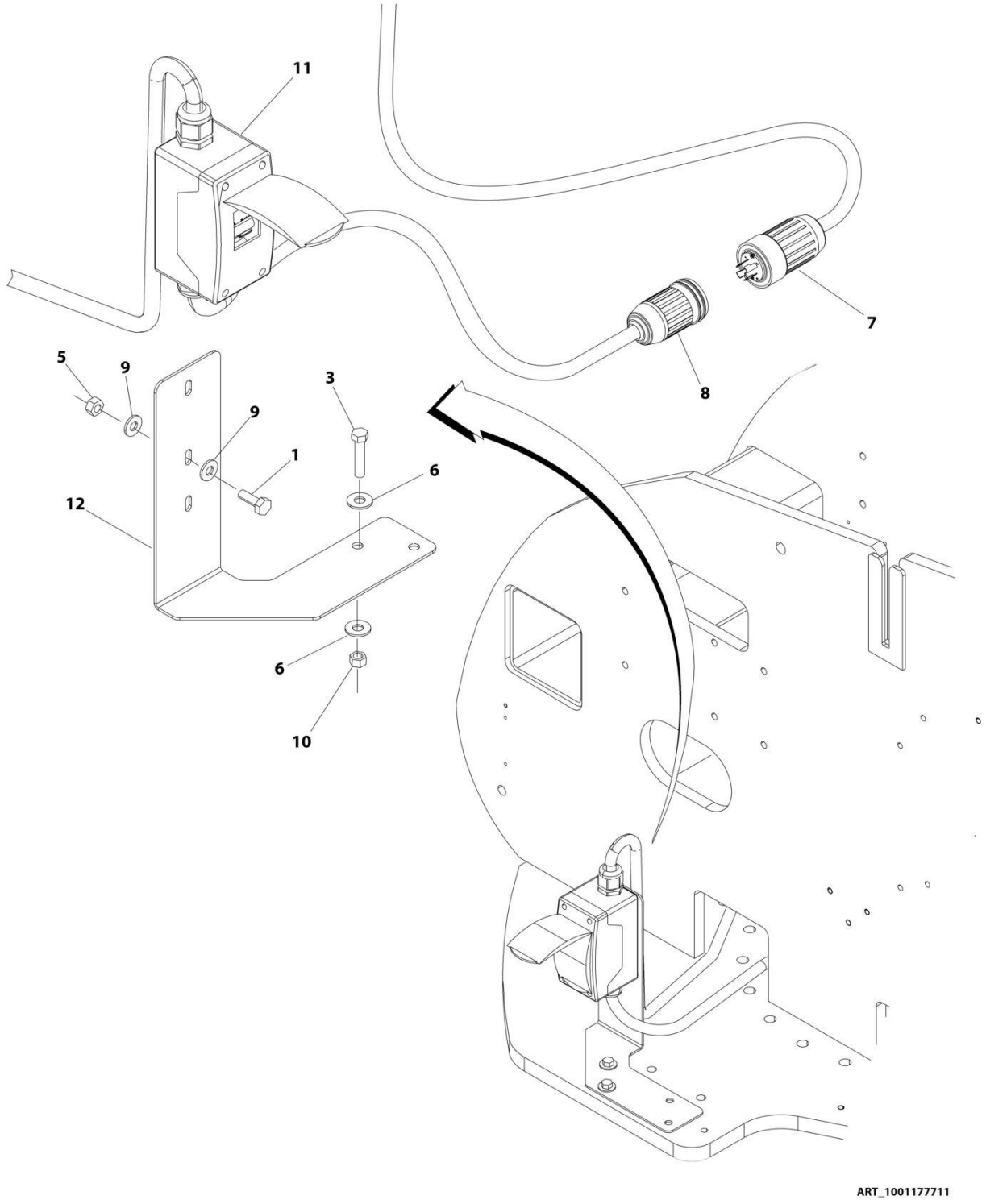
## FIGURE 8-22. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI AND CSA SPECS WITH 7500W SKYPOWER GENERATOR)



## FIGURE 8-22. AC BOX AT PLATFORM INSTALLATION - 240V GFCI RECEPTACLE (ANSI AND CSA SPECS WITH 7500W SKYPOWER GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001159121 | Ref | AC BOX AT PLATFORM INSTALLATION - 240V RECEPTACLE | B |
| 1 | 3910606 | 4 | Screw 6 x 3/8 | |
| 2 | 3960422 | 1 | Gasket | |
| 3 | 4240018 | AR | Tie-Strap (Not Shown) | |
| 4 | 4460425 | 1 | Connector, Strain Relief | |
| 5 | 4460958 | 1 | Receptacle | |
| 7 | 1001110872 | 1 | Cover, Receptacle | |
| 8 | 1001159120 | 1 | Receptacle/Breaker Box Assembly | |
| 8 | 1001148675 | 1 | Box, Receptacle | |
| 8 | 1001159118 | 1 | Breaker Box Assembly | |
| 8 | 4460612 | 1 | Connector, Strain Relief | |
| 8 | 1001159119 | 1 | Connector (Between Boxes) | |
| 9 | 1705374 | 1 | Decal - 240V/60Hz | |

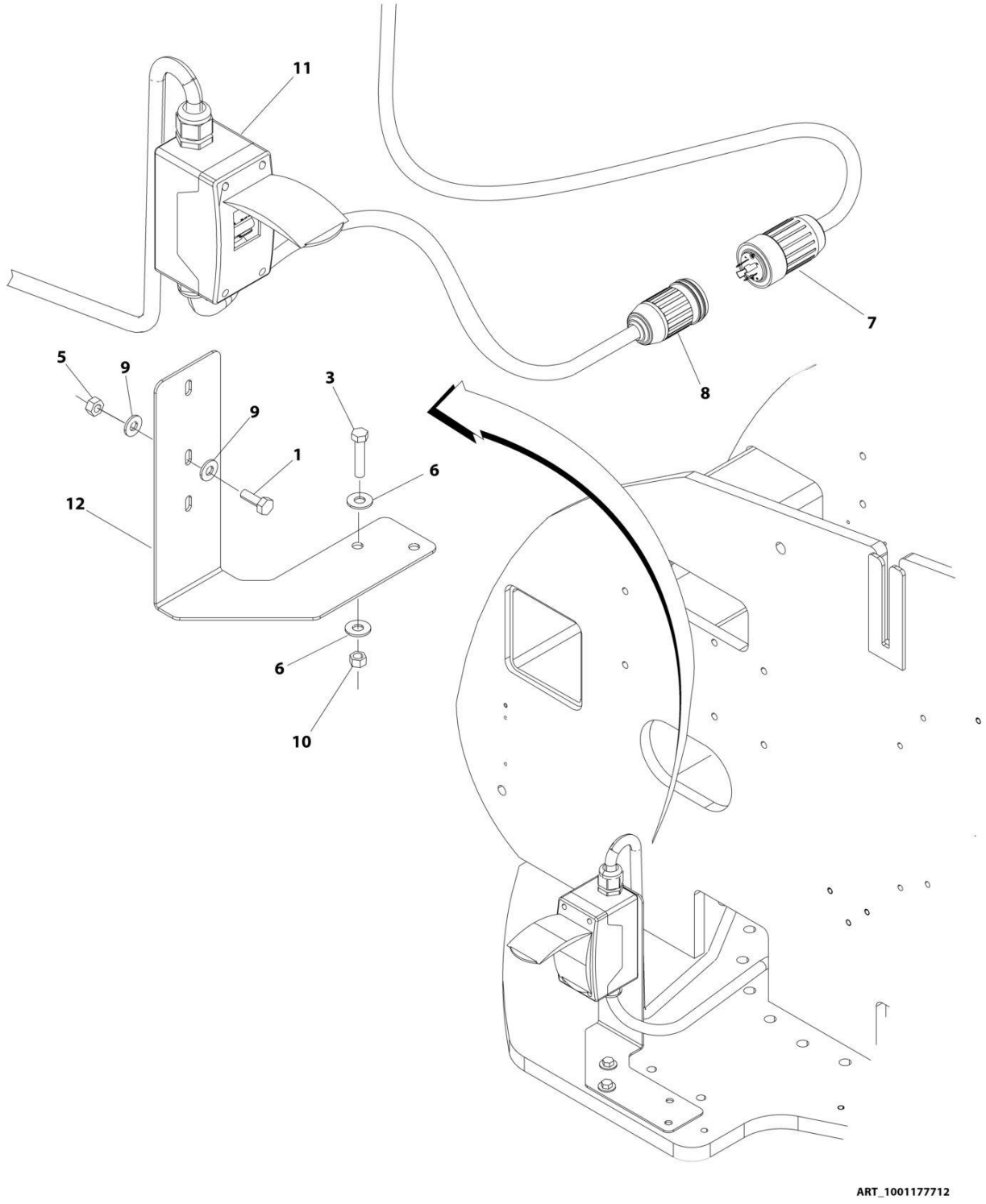
## FIGURE 8-23. AC CABLE WITH 16 AMP BREAKER INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (CE & UK CA SPECS)



## FIGURE 8-23. AC CABLE WITH 16 AMP BREAKER INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177711 | Ref | AC CABLE WITH 16 AMP BREAKER INSTALLATION | D |
| 1 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 3 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 3311405 | 2 | Nut 1/4 | |
| 6 | 3311605 | 2 | Nut 3/8 | |
| 7 | 1001213584 | 1 | Plug, Male | |
| 8 | 1001213585 | 1 | Receptacle, Female | |
| 9 | 4711400 | 2 | Washer 1/4 | |
| 10 | 4751600 | 2 | Washer 3/8 | |
| 11 | 1001109654 | 1 | Breaker Box Kit - With 2 Breakers (See Separate Breakdown in this Section) | |
| 12 | 1001177910 | 1 | Bracket | |

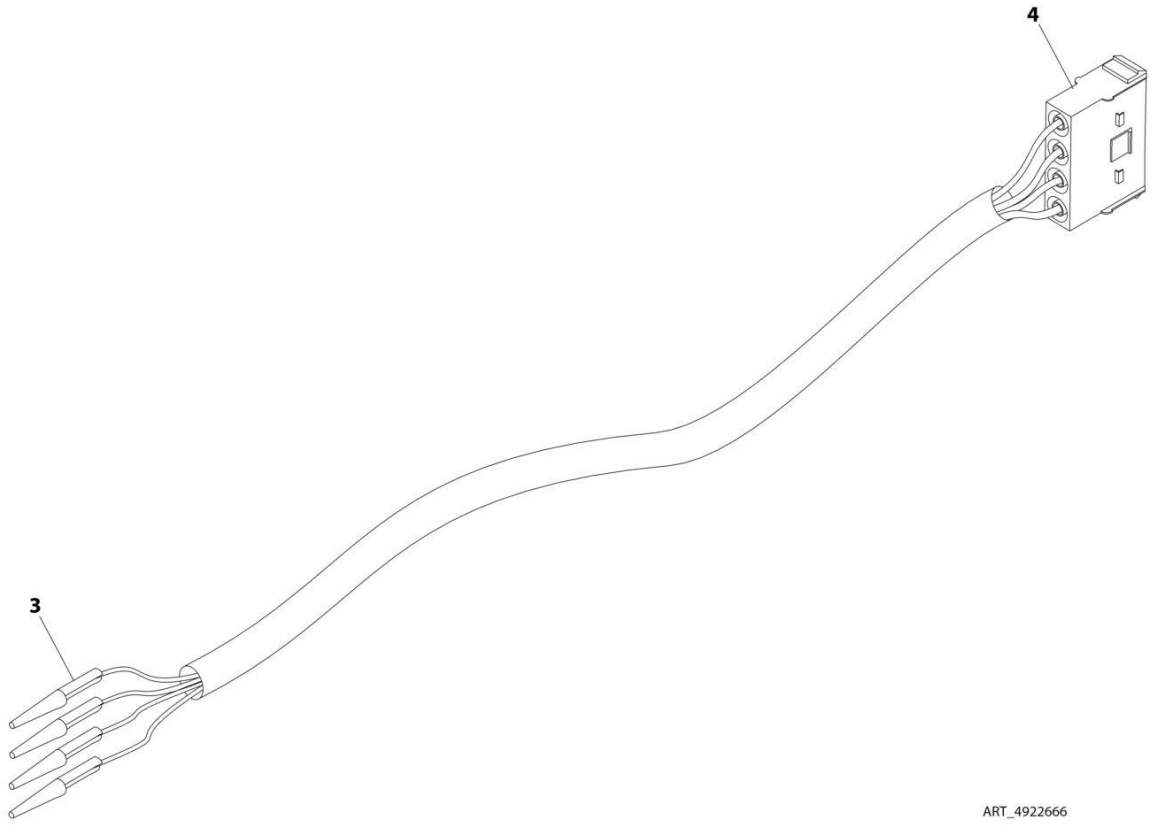
## FIGURE 8-24. AC CABLE WITH 10 AMP BREAKER INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (CE & UK CA SPECS)



## FIGURE 8-24. AC CABLE WITH 10 AMP BREAKER INSTALLATION (WITHOUT 7500W SKYPOWER GENERATOR) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177712 | Ref | AC CABLE WITH 10 AMP BREAKER INSTALLATION | C |
| 1 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 3 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 3311405 | 2 | Nut 1/4 | |
| 6 | 3311605 | 2 | Nut 3/8 | |
| 7 | 1001213584 | 1 | Plug, Male | |
| 8 | 1001213585 | 1 | Receptacle, Female | |
| 9 | 4711400 | 4 | Washer 1/4 | |
| 10 | 4751600 | 4 | Washer 3/8 | |
| 11 | 1001109648 | 1 | Breaker Box Kit - With 2 Breakers (See Separate Breakdown in this Section) | |
| 12 | 1001177910 | 1 | Bracket | |

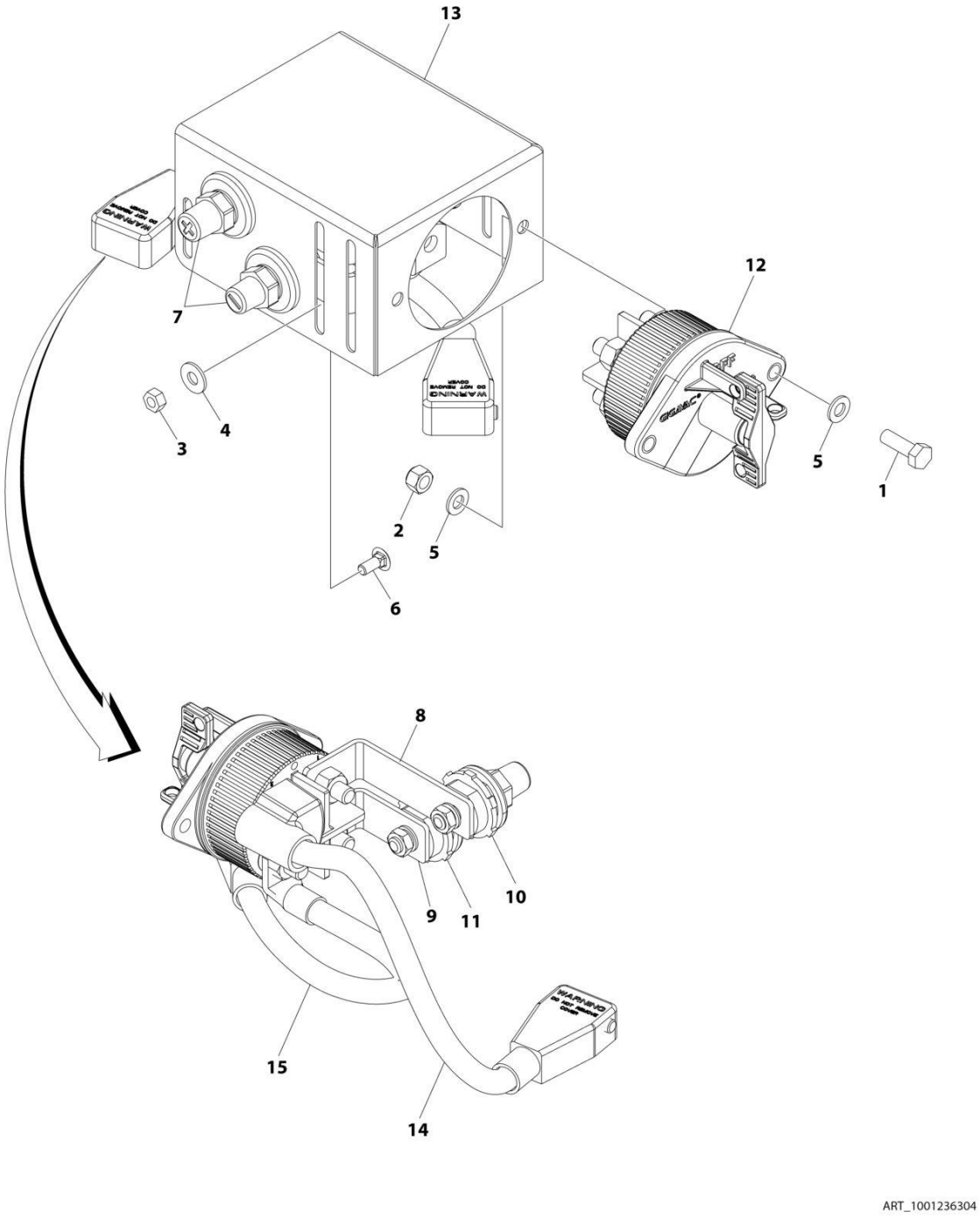
## FIGURE 8-25. ANALYZER CABLE HARNESS



## FIGURE 8-25. ANALYZER CABLE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922666 | Ref | ANALYZER CABLE HARNESS | C |
| 3 | 4460226 | 4 | Socket, Female | |
| 4 | 4460761 | 1 | Connector - 4 Position | |
| 4 | 4460227 | 4 | Pin, Male | |

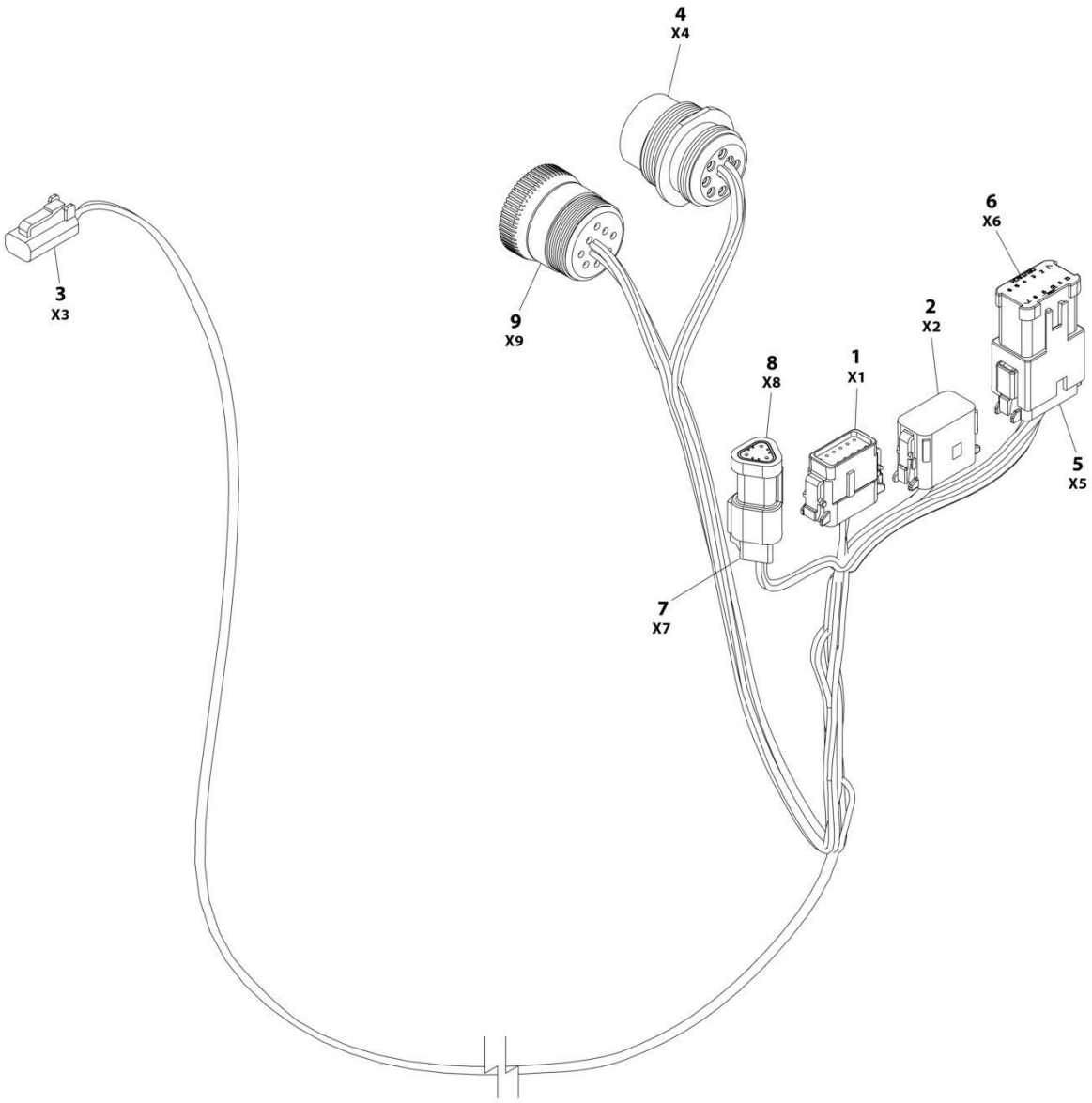
## FIGURE 8-26. BATTERY DISCONNECT SWITCH INSTALLATION



## FIGURE 8-26. BATTERY DISCONNECT SWITCH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236304 | Ref | BATTERY DISCONNECT SWITCH INSTALLATION | A |
| 1 | 0760812 | 2 | Bolt M8 x 25 | |
| 2 | 3290805 | 2 | Nut M8 | |
| 3 | 3311405 | 3 | Nut 1/4 | |
| 4 | 4751400 | 3 | Washer 1/4 | |
| 5 | 4811900 | 4 | Washer M8 | |
| 6 | 88411013 | 3 | Bolt 1/4 x 3/4 | |
| 7 | 1001206476 | 1 | Connectors, Post | |
| 8 | 1001209432 | 1 | Bussbar | |
| 9 | 1001209474 | 1 | Bussbar | |
| 10 | 1001214570 | 1 | Connector (Red) | |
| 11 | 1001214571 | 1 | Connector (Black) | |
| 12 | 1001225346 | 1 | Switch, Battery | |
| 13 | 1001226531 | 1 | Mount | |
| 14 | 1001236504 | 1 | Cable, Battery (+) | |
| 15 | 1001236505 | 1 | Cable, Battery (-) | |

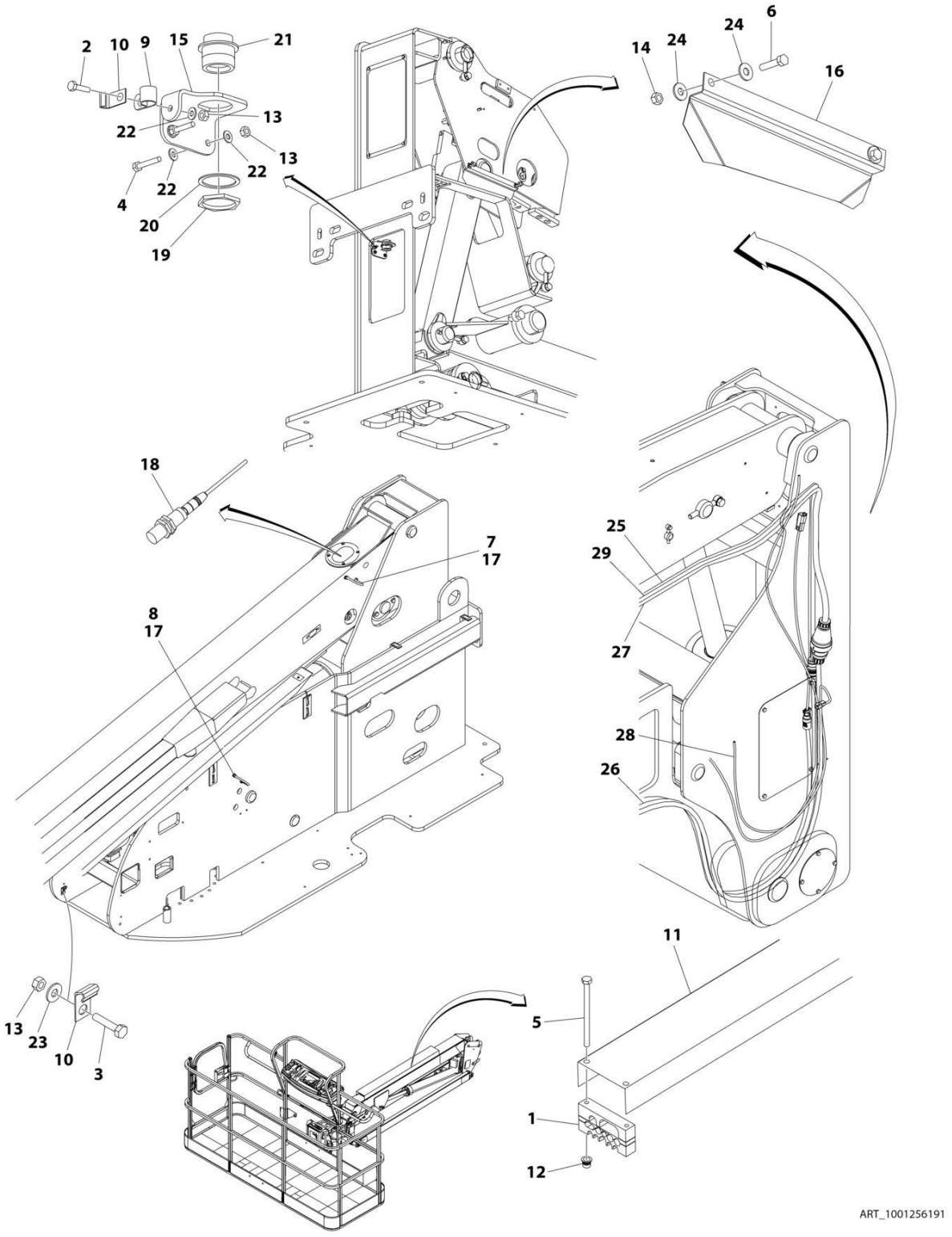
## FIGURE 8-27. BEACON CONTROL HARNESS (BLUE AND RED STROBE LIGHTS)



## FIGURE 8-27. BEACON CONTROL HARNESS (BLUE AND RED STROBE LIGHTS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142736 | Ref | STROBE LIGHT HARNESS | F |
| 1 | 1001116808 | 1 | Plug, Male - 12 Position | |
| 1 | 4460928 | 3 | Socket, Female | |
| 1 | 4460518 | 9 | Plug, Terminal | |
| 2 | 1001116774 | 1 | Plug, Male - 12 Position | |
| 2 | 4460928 | 3 | Socket, Female | |
| 2 | 4460518 | 9 | Plug, Terminal | |
| 3 | 4460891 | 1 | Plug, Male - 2 Position | |
| 3 | 4460465 | 2 | Socket, Female | |
| 4 | 1001112612 | 1 | Connector - 9 Position | |
| 4 | 4460464 | 6 | Pin, Male | |
| 4 | 4460466 | 3 | Plug, Terminal | |
| 5 | 4460933 | 1 | Plug, Male - 12 Position | |
| 5 | 4460465 | 12 | Socket, Female | |
| 6 | 1001119020 | 1 | Bussbar - 12 Position | |
| 7 | 4461095 | 1 | Plug, Male - 3 Position | |
| 7 | 4460465 | 3 | Socket, Female | |
| 8 | 4461070 | 1 | Bussbar - 3 Position | |
| 9 | 1001112796 | 1 | Connector - 9 Position | |
| 9 | 4460465 | 6 | Socket, Female | |
| 9 | 4460466 | 3 | Plug, Terminal | |

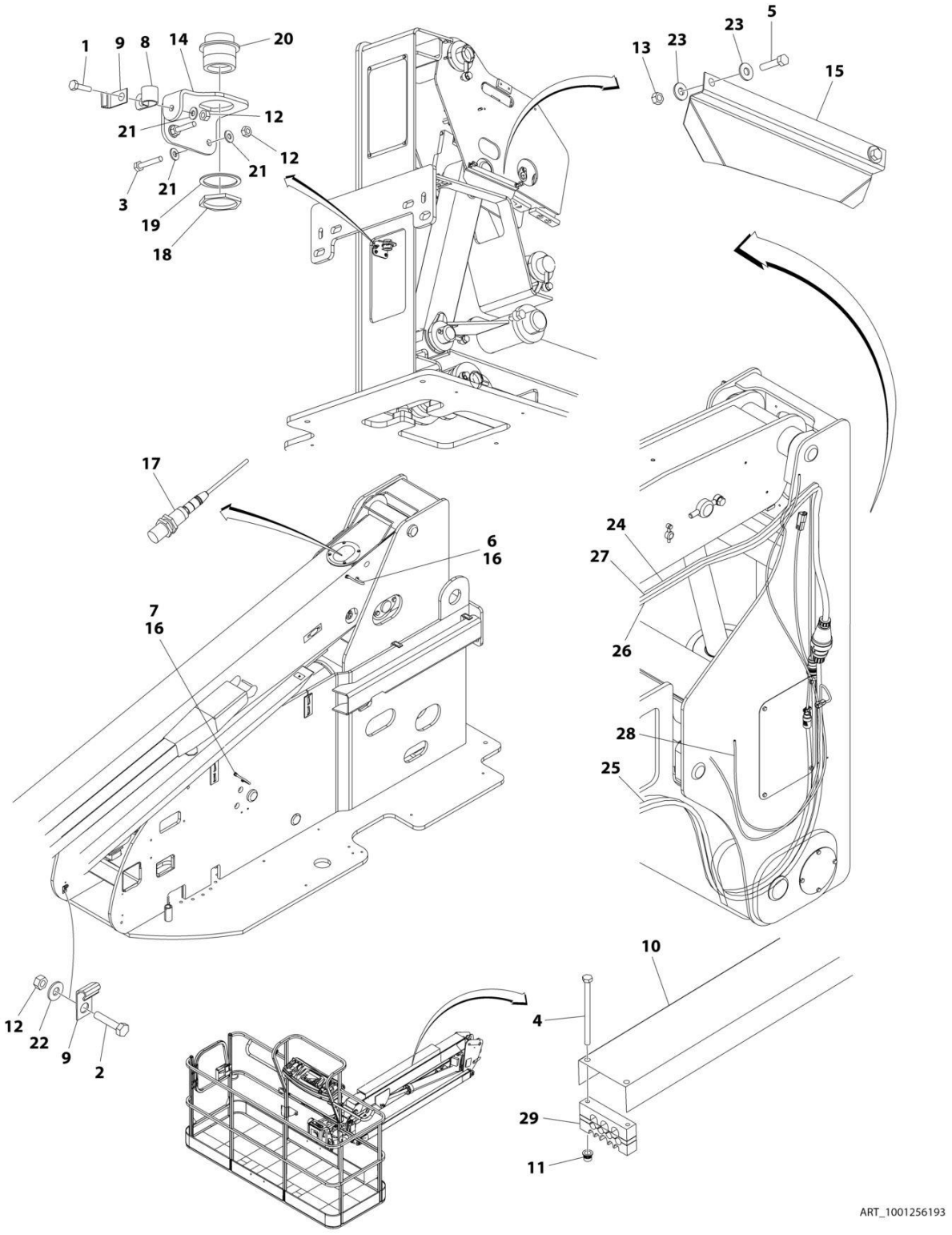
## FIGURE 8-28. BOOM CABLES INSTALLATION - WITHOUT ARCTIC PACKAGE (ALL SPECS) (860SJ HC3)



## FIGURE 8-28. BOOM CABLES INSTALLATION - WITHOUT ARCTIC PACKAGE (ALL SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256191 | Ref | BOOM CABLES INSTALLATION | D |
| 1 | 0561484 | 2 | Block, Clamp | |
| 2 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 3 | 0641410 | 1 | Bolt 1/4 x 1-1/4 | |
| 4 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 5 | 0700626 | 4 | Bolt M6 x 90 | |
| 6 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 7 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 8 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 9 | 1320061 | 1 | Clamp | |
| 10 | 1320223 | 2 | Clamp | |
| 11 | 1671034 | 1 | Cover | |
| 12 | 1001260680 | 4 | Rivnut M6 | |
| 13 | 3311405 | 4 | Nut 1/4 | |
| 14 | 3311505 | 2 | Nut 5/16 | |
| 15 | 3573047 | 1 | Plate | |
| 16 | 3573296 | 1 | Plate | |
| 17 | 3841340 | 2 | Rod | |
| 18 | 4360506 | 1 | Switch, Proximity | |
| 19 | 4460470 | 1 | Nut, Terminal | |
| 20 | 4460471 | 1 | Washer, Terminal | |
| 21 | 4460866 | 1 | Connector - 19 Pin | |
| 22 | 4711400 | 5 | Washer 1/4 | |
| 23 | 4751400 | 1 | Washer 1/4 | |
| 24 | 4751500 | 4 | Washer 5/16 | |
| 25 | 4922567 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 26 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 27 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 28 | 4922876 | 1 | AC Cable, 10/3 (Tower Boom) | |
| 29 | 4922878 | 1 | AC Cable, 10/3 (Main Boom) | |

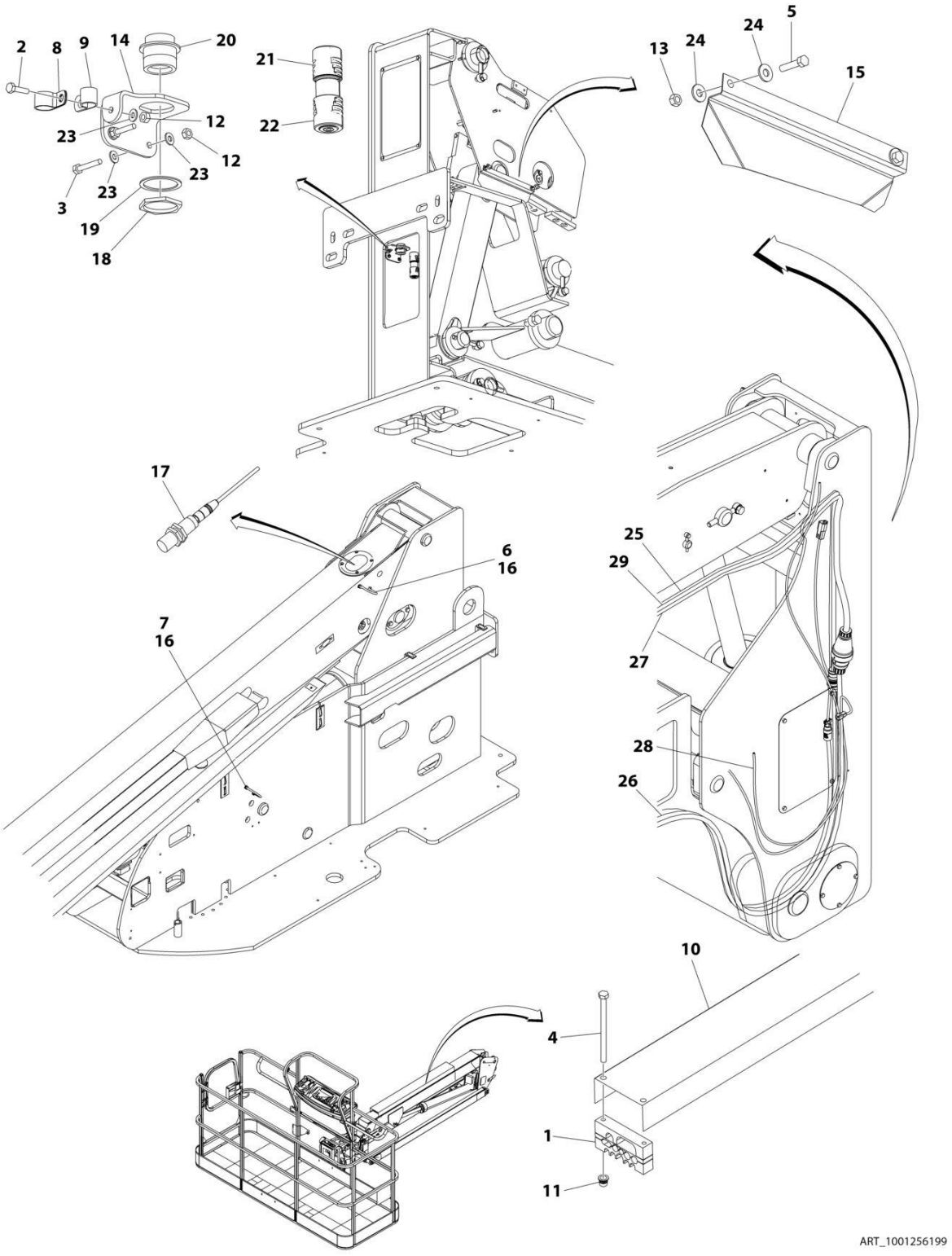
## FIGURE 8-29. BOOM CABLES INSTALLATION - WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (860SJ HC3)



## FIGURE 8-29. BOOM CABLES INSTALLATION - WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256193 | Ref | BOOM CABLES INSTALLATION | C |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641410 | 1 | Bolt 1/4 x 1-1/4 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0700626 | 1 | Bolt M6 x 90 | |
| 5 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 6 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 7 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 8 | 1320061 | 1 | Clamp | |
| 9 | 1320223 | 2 | Clamp | |
| 10 | 1671034 | 1 | Cover | |
| 11 | 1001260680 | 4 | Rivnut M6 | |
| 12 | 3311405 | 4 | Nut 1/4 | |
| 13 | 3311505 | 2 | Nut 5/16 | |
| 14 | 3573047 | 1 | Plate | |
| 15 | 3573296 | 1 | Plate | |
| 16 | 3841340 | 2 | Rod | |
| 17 | 4360506 | 1 | Switch, Proximity | |
| 18 | 4460470 | 1 | Nut, Terminal | |
| 19 | 4460471 | 1 | Washer, Terminal | |
| 20 | 4460866 | 1 | Connector - 19 Pin | |
| 21 | 4711400 | 5 | Washer 1/4 | |
| 22 | 4751400 | 1 | Washer 1/4 | |
| 23 | 4751500 | 4 | Washer 5/16 | |
| 24 | 4923595 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 25 | 4923596 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 26 | 4923597 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 27 | 4923600 | 1 | AC Cable, 10/3 (Main Boom) | |
| 28 | 4923601 | 1 | AC Cable, 10/3 (Tower Boom) | |
| 29 | 1001091472 | 2 | Block, Clamp | |

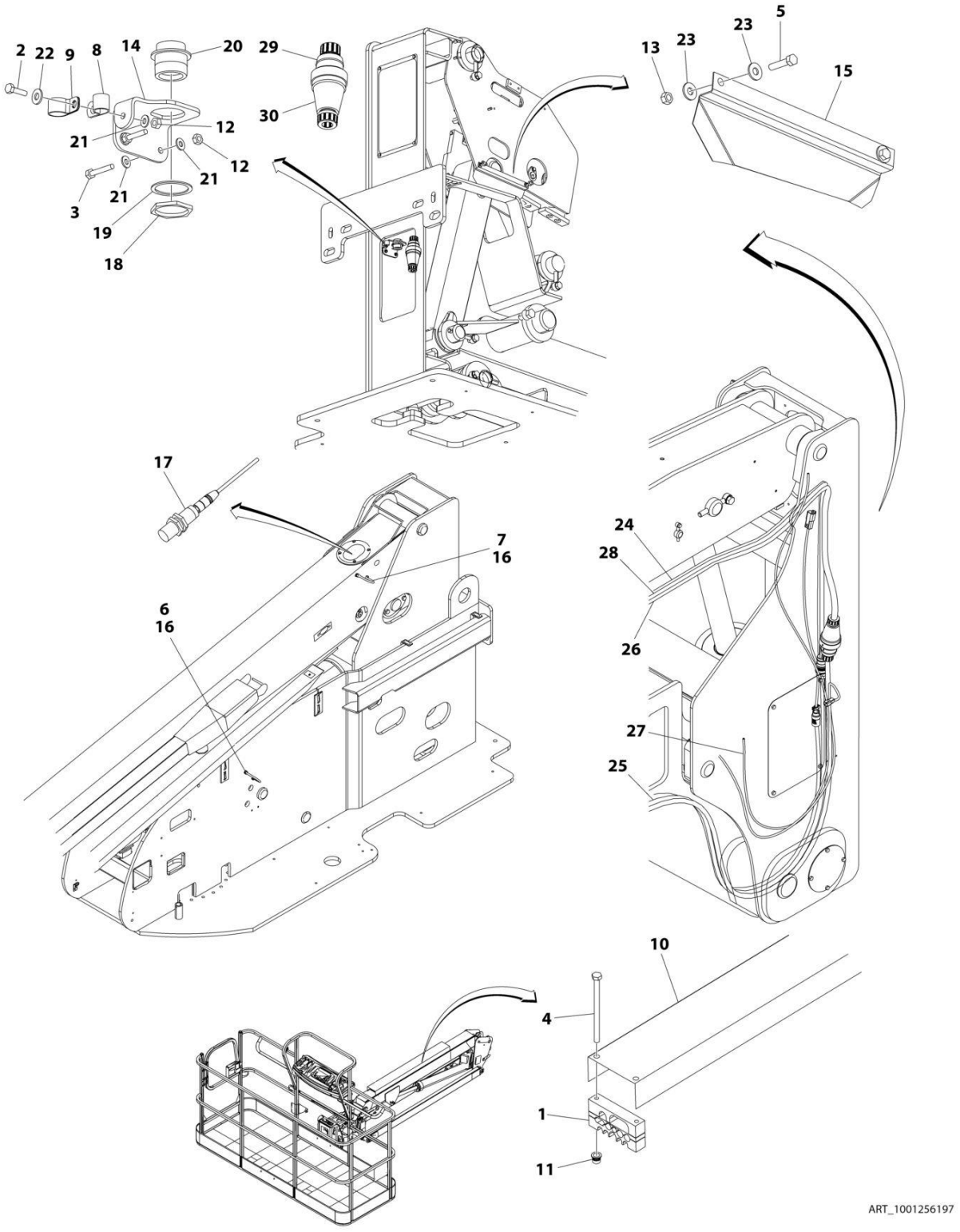
## FIGURE 8-30. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS) (860SJ HC3)



## FIGURE 8-30. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256199 | Ref | BOOM CABLES INSTALLATION | C |
| 1 | 0561484 | 2 | Block, Clamp | |
| 2 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0700626 | 4 | Bolt M6 x 90 | |
| 5 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 6 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 7 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 8 | 1320041 | 1 | Clamp | |
| 9 | 1320061 | 1 | Clamp | |
| 10 | 1671034 | 1 | Cover | |
| 11 | 1001260680 | 4 | Rivnut M6 | |
| 12 | 3311405 | 3 | Nut 1/4 | |
| 13 | 3311505 | 2 | Nut 5/16 | |
| 14 | 3573047 | 1 | Plate | |
| 15 | 3573296 | 1 | Plate | |
| 16 | 3841340 | 2 | Rod | |
| 17 | 4360506 | 1 | Switch, Proximity | |
| 18 | 4460470 | 1 | Nut, Terminal | |
| 19 | 4460471 | 1 | Washer, Terminal | |
| 20 | 4460866 | 1 | Connector - 19 Pin | |
| 21 | 4460959 | 1 | Terminal, Turnlock Plug | |
| 22 | 4460960 | 1 | Terminal, Turnlock Connector | |
| 23 | 4711400 | 5 | Washer 1/4 | |
| 24 | 4751500 | 4 | Washer 5/16 | |
| 25 | 4922567 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 26 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 27 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 28 | 1001156425 | 1 | AC Cable, 10/4 (Tower Boom) | |
| 29 | 1001156427 | 1 | AC Cable, 10/4 (Main Boom) | |

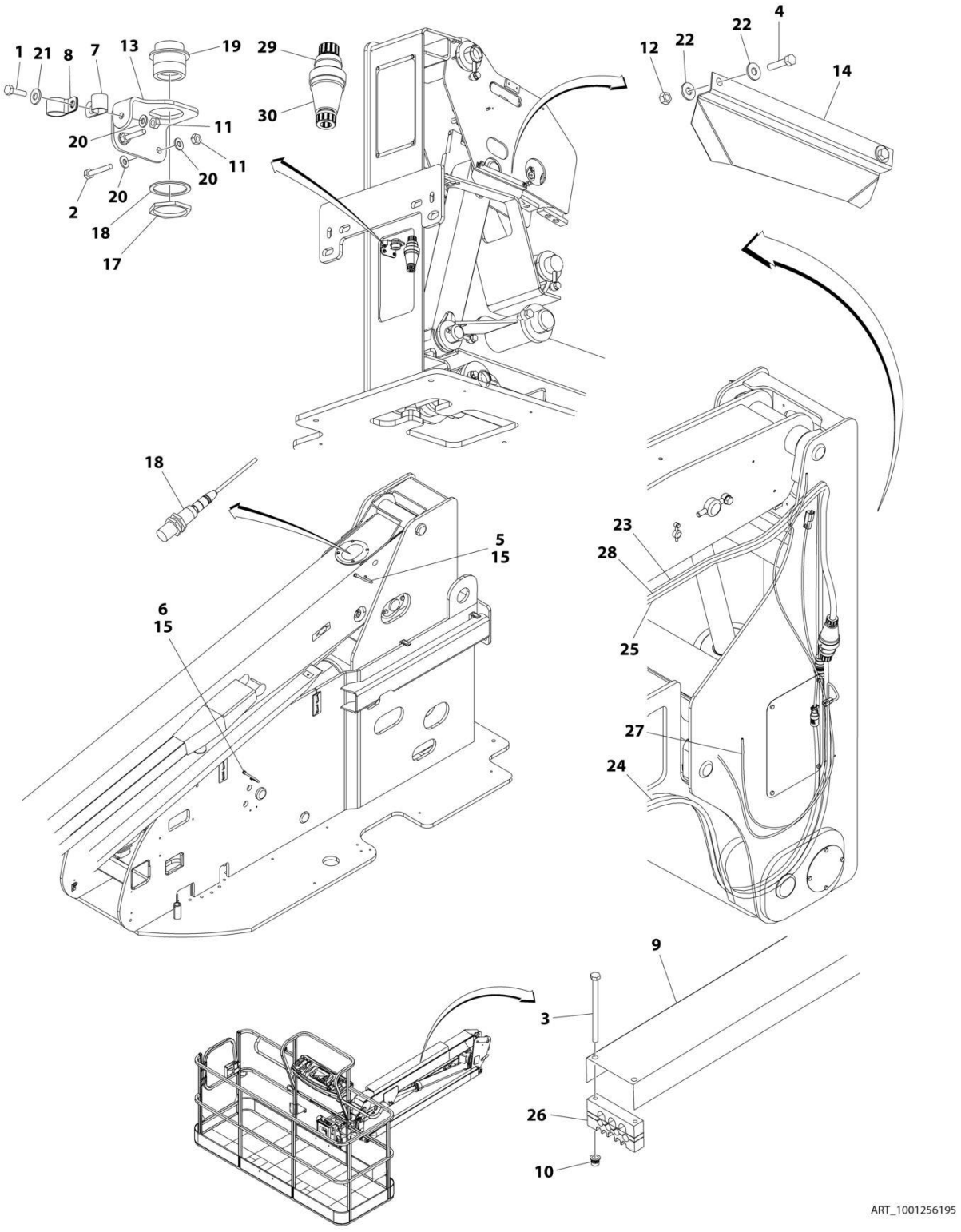
## FIGURE 8-31. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITHOUT ARCTIC PACKAGE (ALL SPECS) (860SJ HC3)



## FIGURE 8-31. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITHOUT ARCTIC PACKAGE (ALL SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256197 | Ref | BOOM CABLES INSTALLATION | C |
| 1 | 0561484 | 2 | Block, Clamp | |
| 2 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0700626 | 4 | Bolt M6 x 90 | |
| 5 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 6 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 7 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 8 | 1320061 | 1 | Clamp | |
| 9 | 1320202 | 1 | Clamp | |
| 10 | 1671034 | 1 | Cover | |
| 11 | 1001176636 | 4 | Rivnut M6 | |
| 11 | 1001260680 | 4 | Rivnut M6 | |
| 12 | 3311405 | 3 | Nut 1/4 | |
| 13 | 3311505 | 2 | Nut 5/16 | |
| 14 | 3573047 | 1 | Plate | |
| 15 | 3573296 | 1 | Plate | |
| 16 | 3841340 | 2 | Rod | |
| 17 | 4360506 | 1 | Switch, Proximity | |
| 18 | 4460470 | 1 | Nut, Terminal | |
| 19 | 4460471 | 1 | Washer, Terminal | |
| 20 | 4460866 | 1 | Connector - 19 Pin | |
| 21 | 4711400 | 5 | Washer 1/4 | |
| 22 | 4751400 | 1 | Washer 1/4 | |
| 23 | 4751500 | 4 | Washer 5/16 | |
| 24 | 4922567 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 25 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 26 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 27 | 1001121669 | 1 | AC Cable, 8/5 (Tower Boom) | |
| 28 | 1001121671 | 1 | AC Cable, 8/5 (Main Boom) | |
| 29 | 1001218622 | 1 | Terminal, Turnlock Plug | |
| 30 | 1001218623 | 1 | Terminal, Turnlock Connector | |

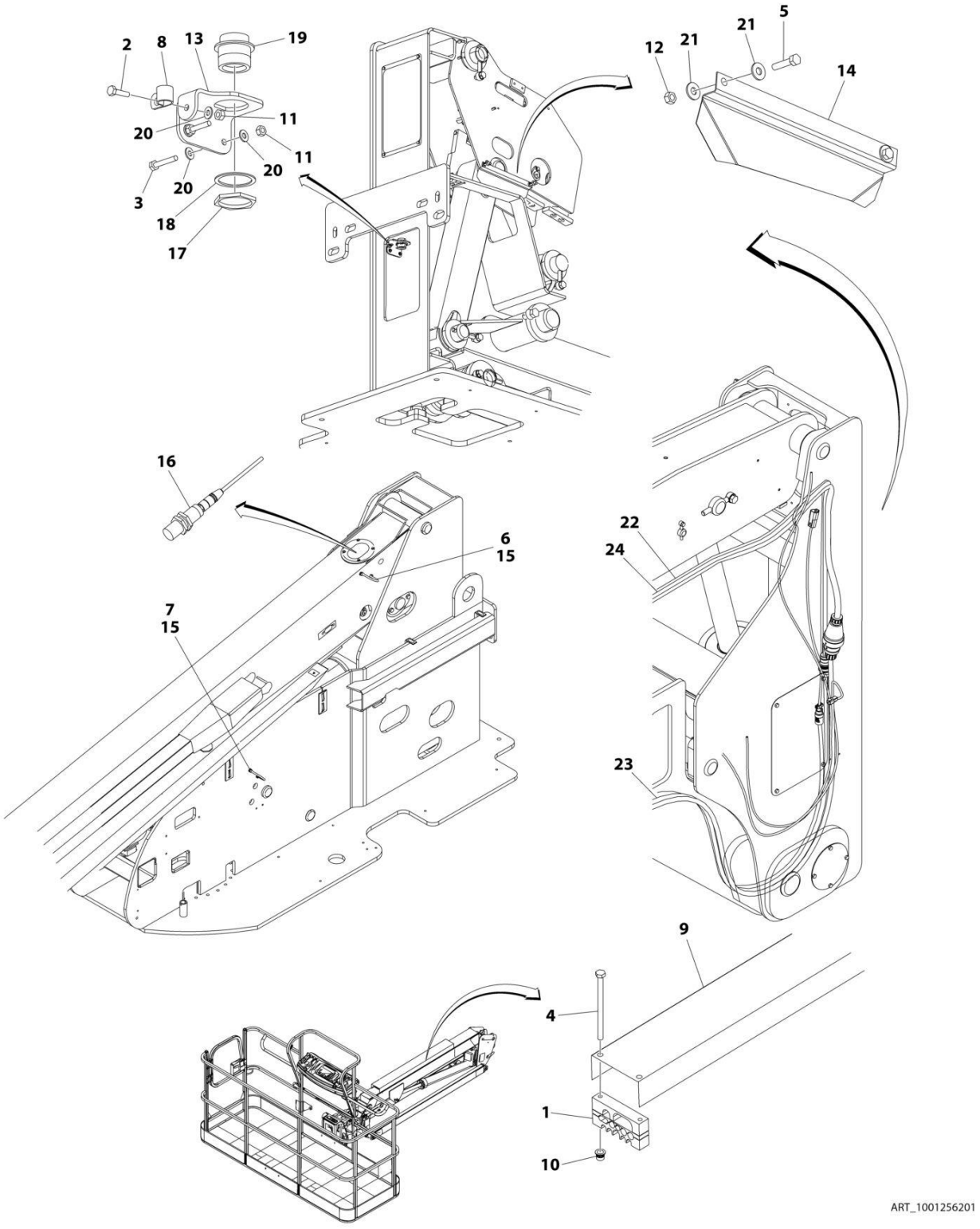
## FIGURE 8-32. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITH ARCTIC PACKAGE (ANSI, ANSI EXPOERT AND CSA SPECS) (860SJ HC3)



## FIGURE 8-32. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITH ARCTIC PACKAGE (ANSI, ANSI EXPOERT AND CSA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256195 | Ref | BOOM CABLES INSTALLATION | C |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 3 | 0700626 | 4 | Bolt M6 x 90 | |
| 4 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 5 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 6 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 7 | 1320061 | 1 | Clamp | |
| 8 | 1320202 | 1 | Clamp | |
| 9 | 1671034 | 1 | Cover | |
| 10 | 1001260680 | 4 | Rivnut M6 | |
| 11 | 3311405 | 3 | Nut 1/4 | |
| 12 | 3311505 | 2 | Nut 5/16 | |
| 13 | 3573047 | 1 | Plate | |
| 14 | 3573296 | 1 | Plate | |
| 15 | 3841340 | 2 | Rod | |
| 16 | 4360506 | 1 | Switch, Proximity | |
| 17 | 4460470 | 1 | Nut, Terminal | |
| 18 | 4460471 | 1 | Washer, Terminal | |
| 19 | 4460866 | 1 | Connector - 19 Pin | |
| 20 | 4711400 | 5 | Washer 1/4 | |
| 21 | 4751400 | 1 | Washer 1/4 | |
| 22 | 4751500 | 4 | Washer 5/16 | |
| 23 | 4923595 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 24 | 4923596 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 25 | 4923597 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 26 | 1001091472 | 2 | Block, Clamp | |
| 27 | 1001121669 | 1 | AC Cable, 8/5 (Tower Boom) | |
| 28 | 1001121671 | 1 | AC Cable, 8/5 (Main Boom) | |
| 29 | 1001218622 | 1 | Terminal, Turnlock Plug | |
| 30 | 1001218623 | 1 | Terminal, Turnlock Connector | |

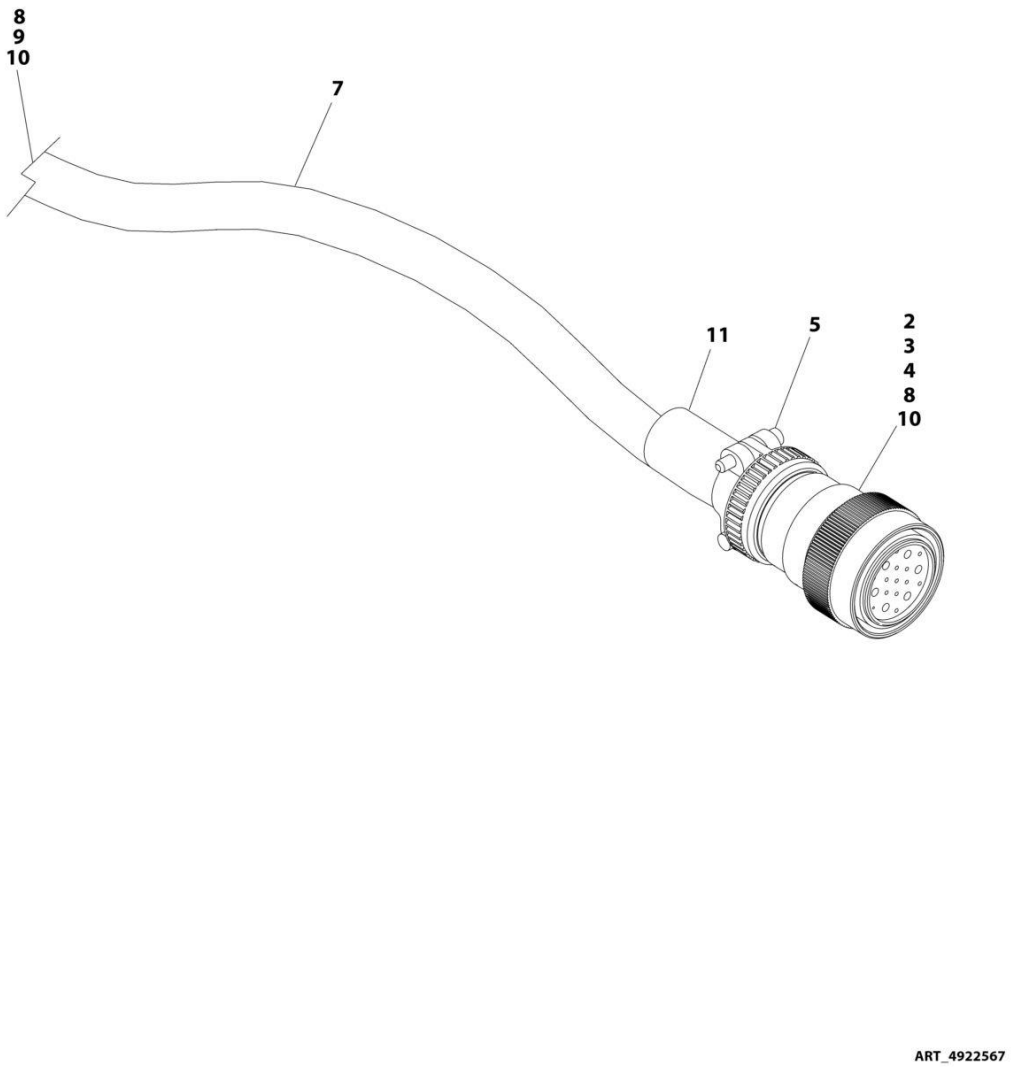
## FIGURE 8-33. BOOM CABLES INSTALLATION - WITHOUT AC CABLES (RUSSIAN AND CHINA SPECS) (860SJ HC3)



## FIGURE 8-33. BOOM CABLES INSTALLATION - WITHOUT AC CABLES (RUSSIAN AND CHINA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256201 | Ref | BOOM CABLES INSTALLATION | C |
| 1 | 0561484 | 2 | Block, Clamp | |
| 2 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0700626 | 4 | Bolt M6 x 90 | |
| 5 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 6 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 7 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 8 | 1320061 | 1 | Clamp | |
| 9 | 1671034 | 1 | Cover | |
| 10 | 1001260680 | 4 | Rivnut M6 | |
| 11 | 3311405 | 3 | Nut 1/4 | |
| 12 | 3311505 | 2 | Nut 5/16 | |
| 13 | 3573047 | 1 | Plate | |
| 14 | 3573296 | 1 | Plate | |
| 15 | 3841340 | 2 | Rod | |
| 16 | 4360506 | 1 | Switch, Proximity | |
| 17 | 4460470 | 1 | Nut, Terminal | |
| 18 | 4460471 | 1 | Washer, Terminal | |
| 19 | 4460866 | 1 | Connector - 19 Pin | |
| 20 | 4711400 | 5 | Washer 1/4 | |
| 21 | 4751500 | 4 | Washer 5/16 | |
| 22 | 4922567 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 23 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 24 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |

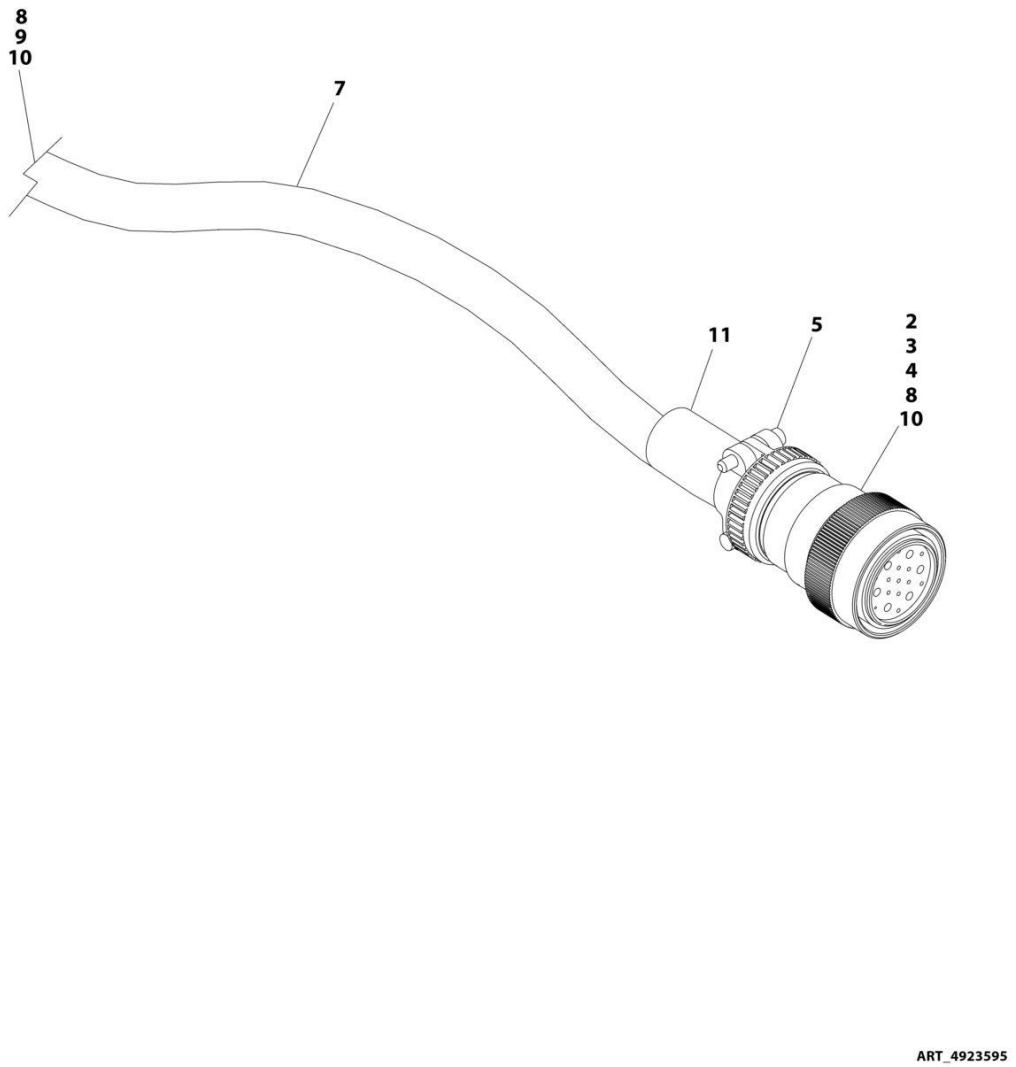
## FIGURE 8-34. BOOM HARNESS (MAIN BOOM) (WITHOUT ARCTIC PACKAGE) (860SJ HC3)



## FIGURE 8-34. BOOM HARNESS (MAIN BOOM) (WITHOUT ARCTIC PACKAGE) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922567 | Ref | BOOM HARNESS | D |
| 2 | 4460465 | 11 | Socket, Female | |
| 3 | 4460865 | 1 | Connector - 19 Position | |
| 4 | 4460509 | 4 | Socket, Female | |
| 5 | 4460473 | 1 | Clamp | |
| 6 | 4460466 | 8 | Plug, Terminal | |
| 7 | 2820031 | AR | Heatshrink | |
| 8 | 4460464 | 11 | Pin, Male | |
| 9 | 4460508 | 4 | Pin, Male | |
| 10 | 2820118 | AR | Heatshrink, Clear | |
| 11 | 1001226400 | 1 | Insulate, Heatshrink | |

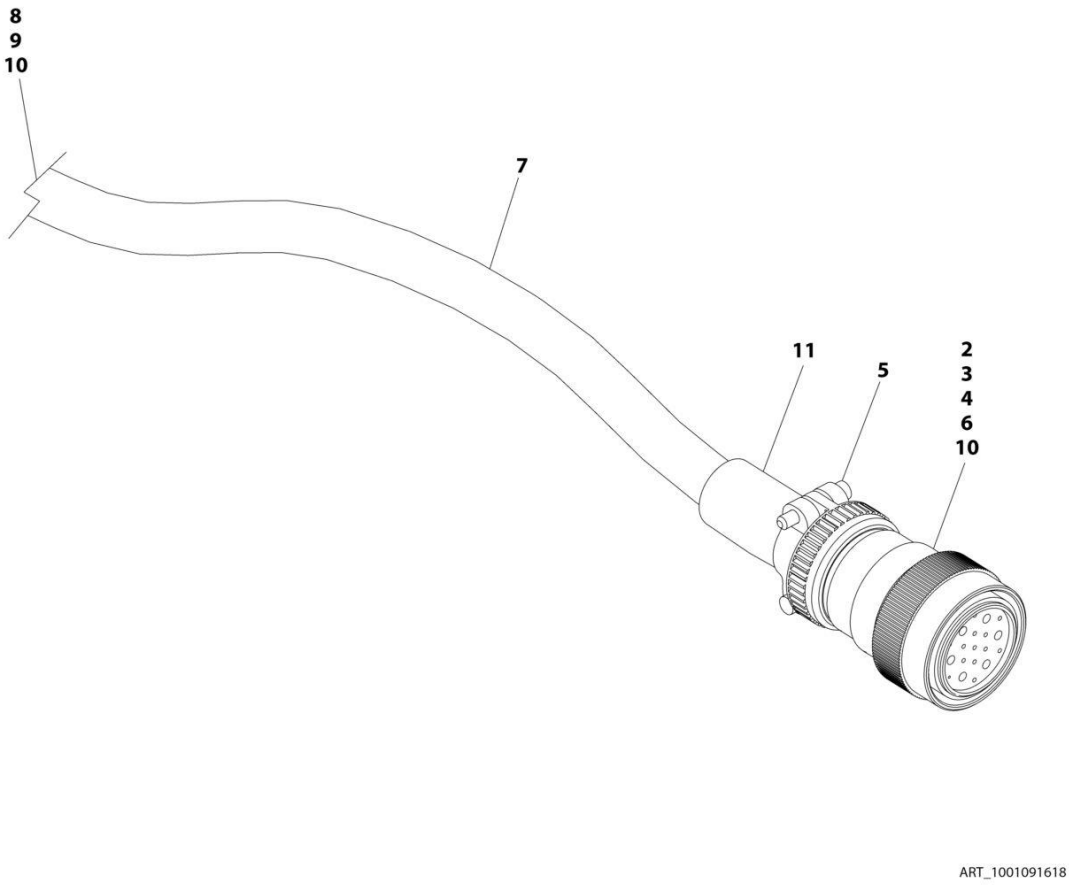
## FIGURE 8-35. BOOM HARNESS (MAIN BOOM) (WITH ARCTIC PACKAGE) (860SJ HC3)



## FIGURE 8-35. BOOM HARNESS (MAIN BOOM) (WITH ARCTIC PACKAGE) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4923595 | Ref | BOOM HARNESS | D |
| 2 | 4460465 | 11 | Socket, Female | |
| 3 | 4460865 | 1 | Connector - 19 Position | |
| 4 | 4460509 | 4 | Socket, Female | |
| 5 | 4460473 | 1 | Clamp | |
| 6 | 4460466 | 8 | Plug, Terminal | |
| 7 | 2820031 | AR | Heatshrink | |
| 8 | 4460464 | 11 | Pin, Male | |
| 9 | 4460508 | 4 | Pin, Male | |
| 10 | 2820118 | AR | Heatshrink, Clear | |
| 11 | 1001226400 | 1 | Insulate, Heatshrink | |

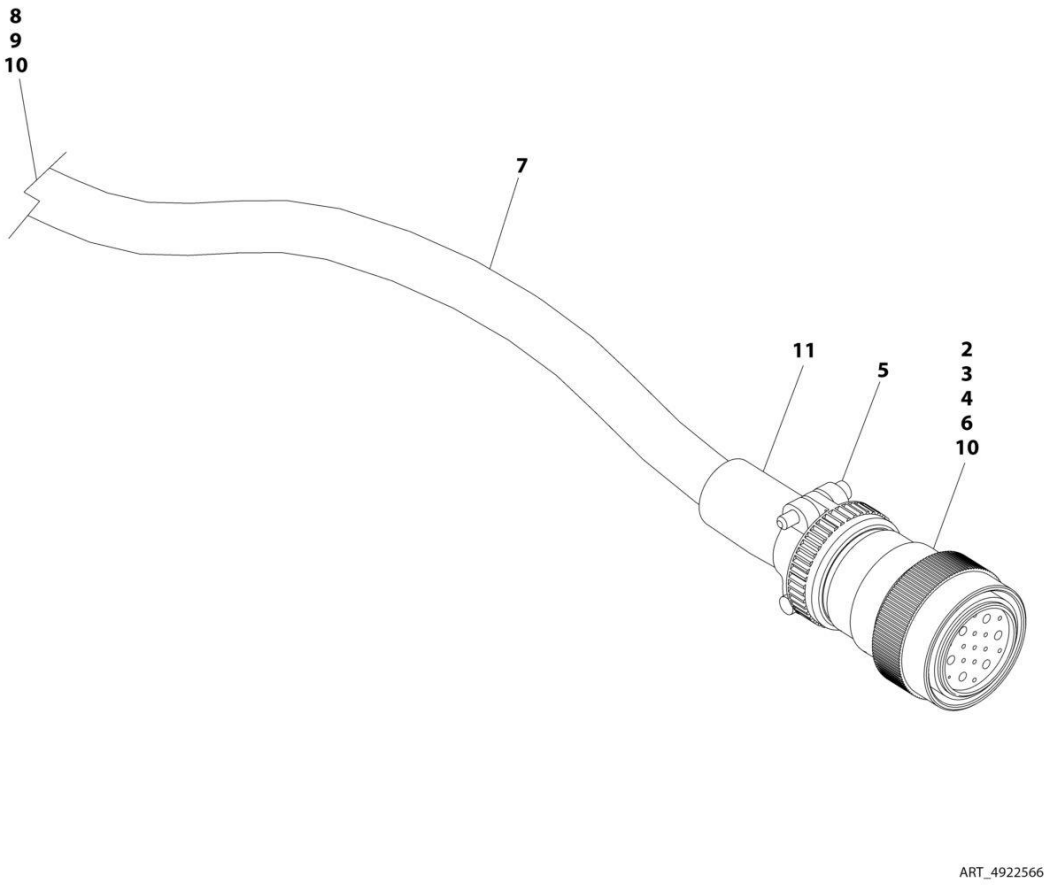
## FIGURE 8-36. BOOM HARNESS (MAIN BOOM) (WITH ARCTIC PACKAGE) (800S HC3)



## FIGURE 8-36. BOOM HARNESS (MAIN BOOM) (WITH ARCTIC PACKAGE) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091618 | Ref | BOOM HARNESS | C |
| 2 | 4460465 | 11 | Socket, Female | |
| 3 | 4460865 | 1 | Connector - 19 Position | |
| 4 | 4460509 | 4 | Socket, Female | |
| 5 | 4460473 | 1 | Clamp | |
| 6 | 4460466 | 8 | Plug, Terminal | |
| 7 | 2820031 | AR | Heatshrink | |
| 8 | 4460464 | 11 | Pin, Male | |
| 9 | 4460508 | 4 | Pin, Male | |
| 10 | 2820118 | AR | Heatshrink, Clear | |
| 11 | 1001226400 | 1 | Insulate, Heatshrink | |

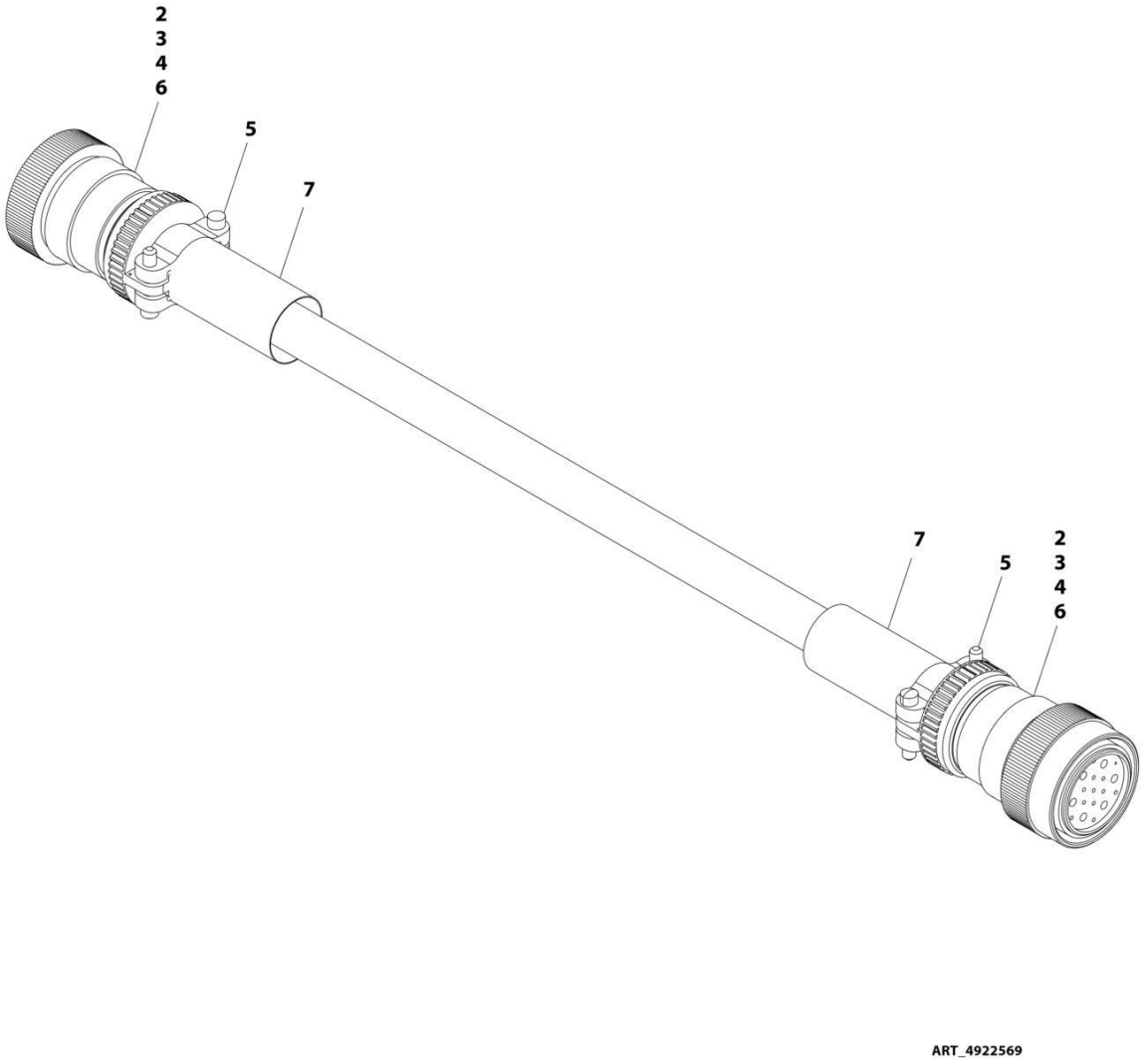
## FIGURE 8-37. BOOM CABLE (MAIN BOOM) (WITHOUT ARCTIC PACKAGE)



## FIGURE 8-37. BOOM CABLE (MAIN BOOM) (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922566 | Ref | BOOM HARNESS | C |
| 2 | 4460465 | 11 | Socket, Female | |
| 3 | 4460865 | 1 | Connector - 19 Position | |
| 4 | 4460509 | 4 | Socket, Female | |
| 5 | 4460473 | 1 | Clamp | |
| 6 | 4460466 | 8 | Plug, Terminal | |
| 7 | 2820031 | AR | Heatshrink | |
| 8 | 4460464 | 11 | Pin, Male | |
| 9 | 4460508 | 4 | Pin, Male | |
| 10 | 2820118 | AR | Heatshrink, Clear | |
| 11 | 1001226400 | 1 | Insulate, Heatshrink | |

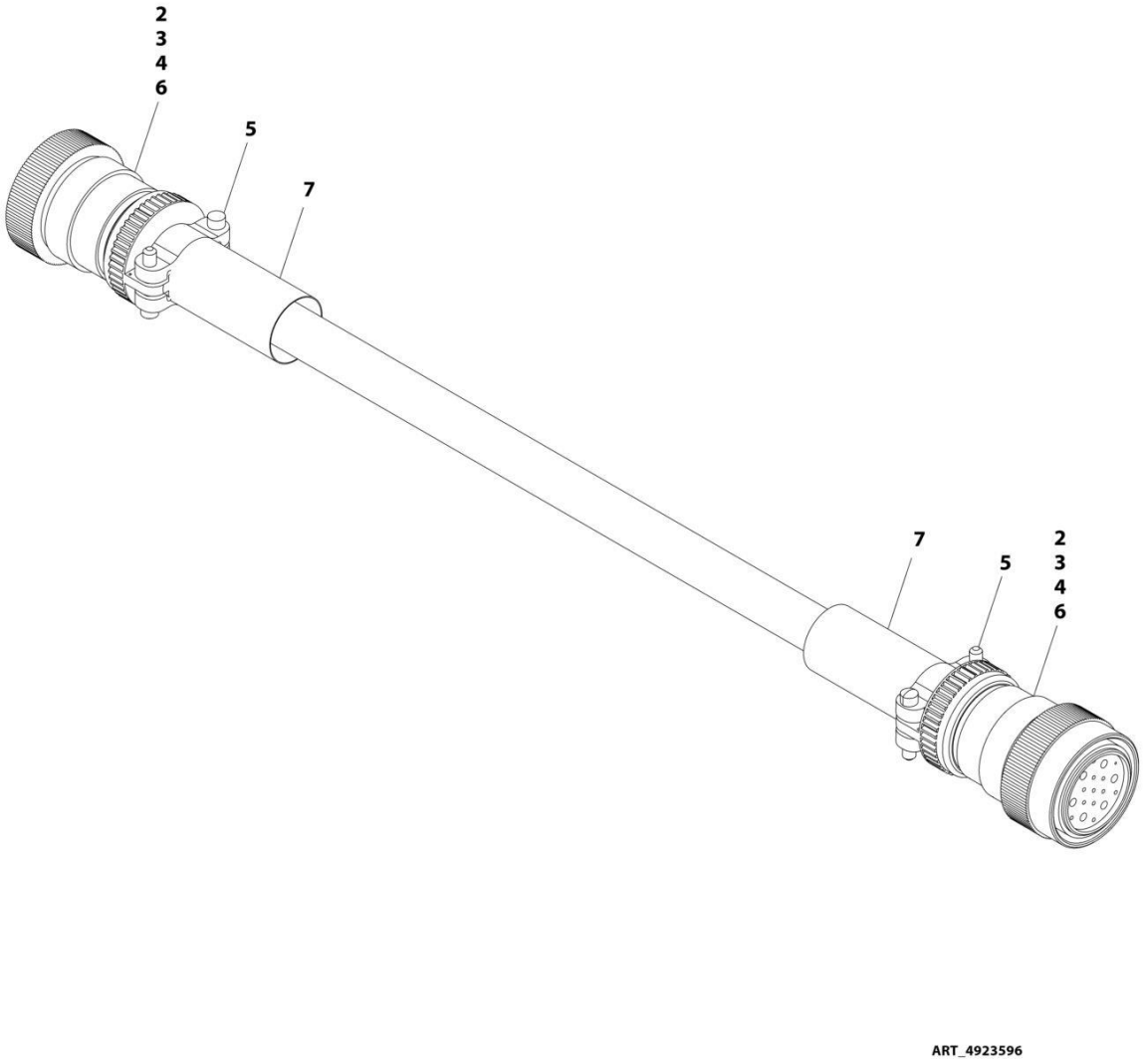
## FIGURE 8-38. BOOM CABLE (TOWER BOOM) (WITHOUT ARCTIC PACKAGE)



## FIGURE 8-38. BOOM CABLE (TOWER BOOM) (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922569 | Ref | BOOM CABLE - TOWER BOOM | B |
| 2 | 4460465 | 22 | Socket, Female | |
| 3 | 4460865 | 2 | Connector - 19 Position | |
| 4 | 4460509 | 8 | Socket, Female | |
| 5 | 4460473 | 2 | Clamp | |
| 6 | 4460466 | 8 | Plug, Terminal | |
| 7 | 1001226400 | 2 | Insulate, Heatshrink | |

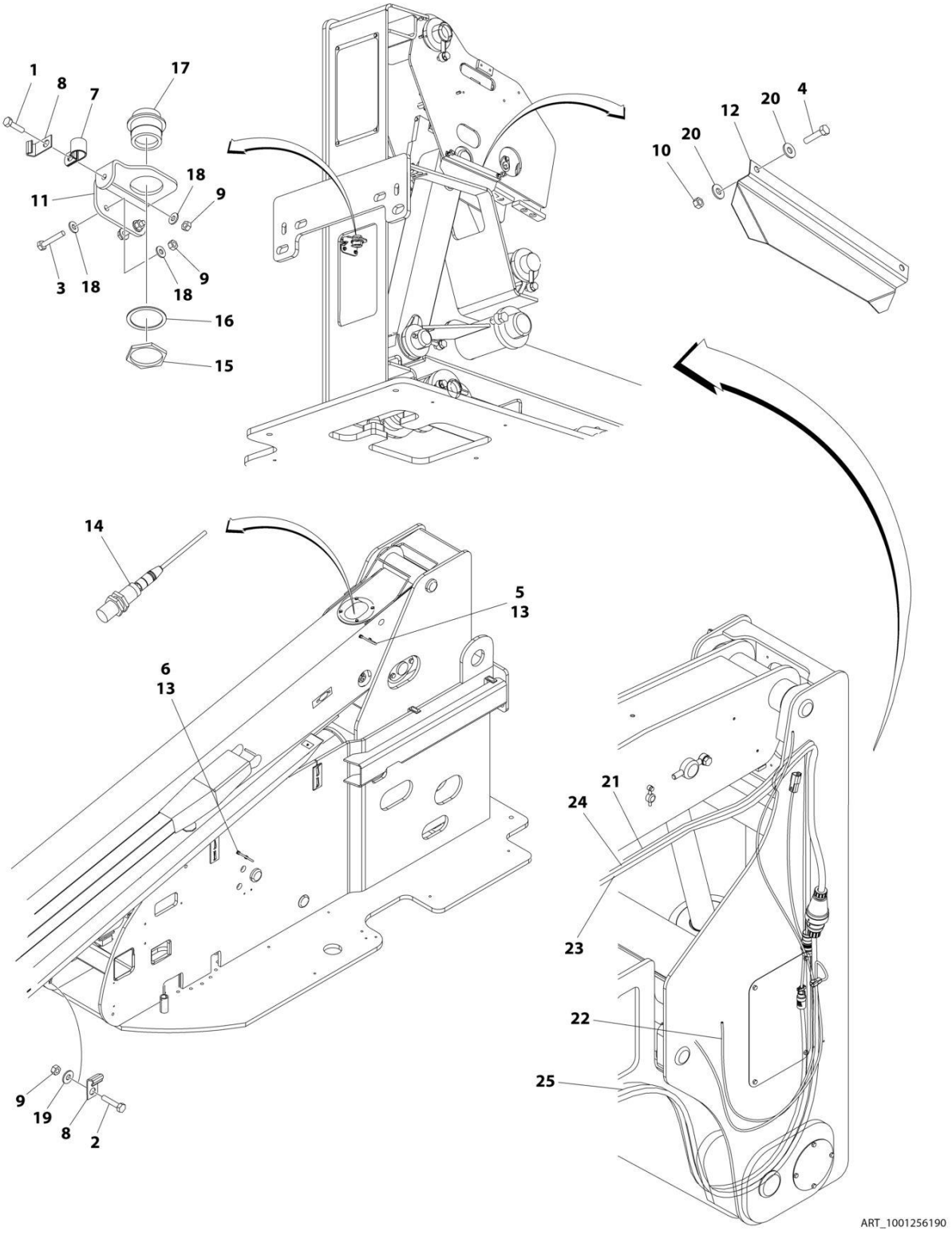
## FIGURE 8-39. BOOM CABLE (TOWER BOOM) (WITHOUT ARCTIC PACKAGE)



## FIGURE 8-39. BOOM CABLE (TOWER BOOM) (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4923596 | Ref | BOOM CABLE - TOWER BOOM | C |
| 2 | 4460465 | 22 | Socket, Female | |
| 3 | 4460865 | 2 | Connector - 19 Position | |
| 4 | 4460509 | 8 | Socket, Female | |
| 5 | 4460473 | 2 | Clamp | |
| 6 | 4460466 | 8 | Plug, Terminal | |
| 7 | 1001226400 | 2 | Insulate, Heatshrink | |

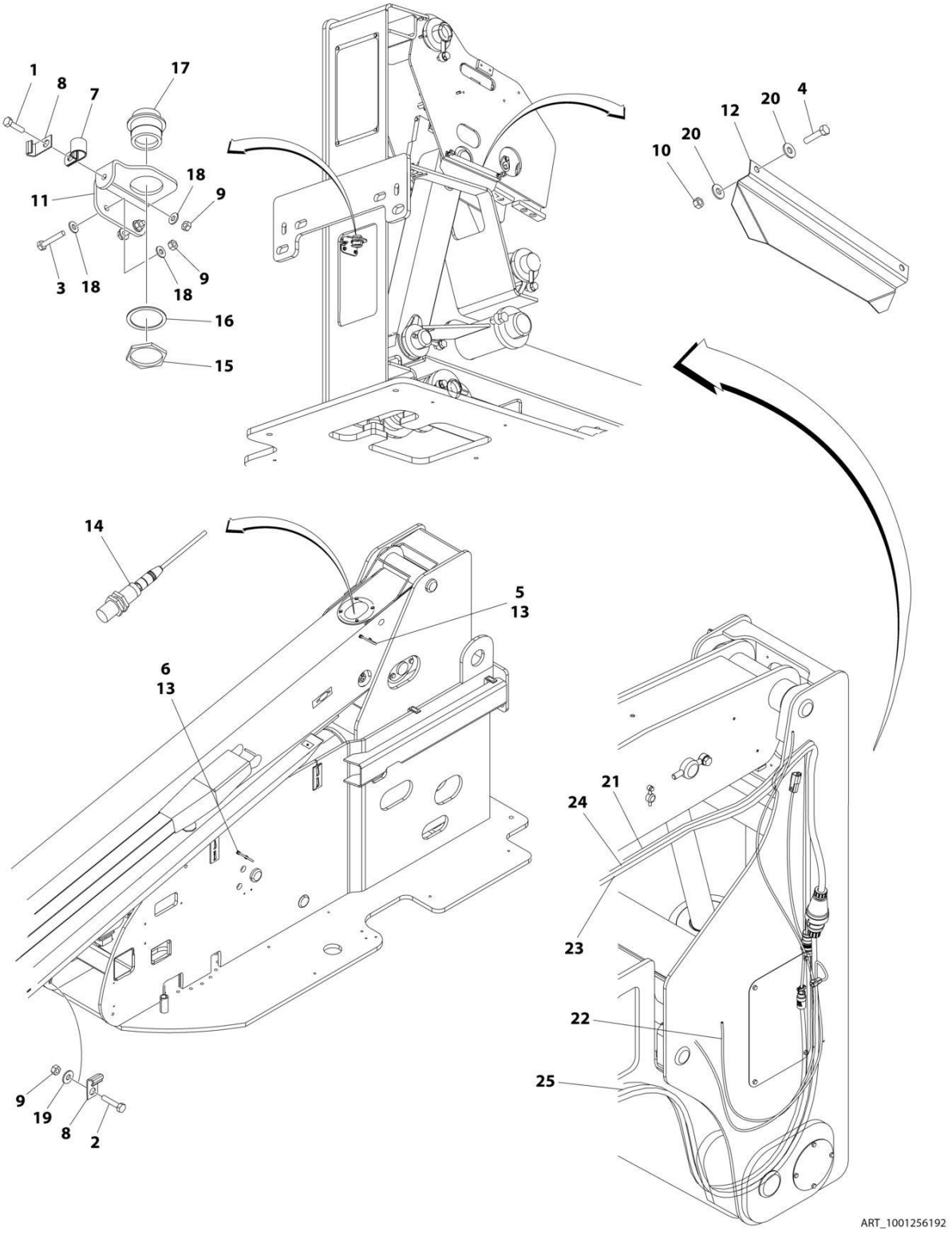
## FIGURE 8-40. BOOM CABLES INSTALLATION - WITHOUT ARCTIC PACKAGE (ALL SPECS EXCEPT AUSTRALIAN SPECS) (800S HC3)



## FIGURE 8-40. BOOM CABLES INSTALLATION - WITHOUT ARCTIC PACKAGE (ALL SPECS EXCEPT AUSTRALIAN SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256190 | Ref | BOOM CABLES INSTALLATION | B |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641410 | 1 | Bolt 1/4 x 1-1/4 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 5 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 6 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 7 | 1320061 | 1 | Clamp | |
| 8 | 1320223 | 2 | Clamp | |
| 9 | 3311405 | 4 | Nut 1/4 | |
| 10 | 3311505 | 2 | Nut 5/16 | |
| 11 | 3573047 | 1 | Plate | |
| 12 | 3573296 | 1 | Plate | |
| 13 | 3841340 | 2 | Rod | |
| 14 | 4360506 | 1 | Switch, Proximity | |
| 15 | 4460470 | 1 | Nut, Terminal | |
| 16 | 4460471 | 1 | Washer, Terminal | |
| 17 | 4460866 | 1 | Connector - 19 Pin | |
| 18 | 4711400 | 5 | Washer 1/4 | |
| 19 | 4751400 | 1 | Washer 1/4 | |
| 20 | 4751500 | 4 | Washer 5/16 | |
| 21 | 4922566 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 22 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 23 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 24 | 4922875 | 1 | AC Cable, 10/3 (Main Boom) | |
| 25 | 4922876 | 1 | AC Cable, 10/3 (Tower Boom) | |

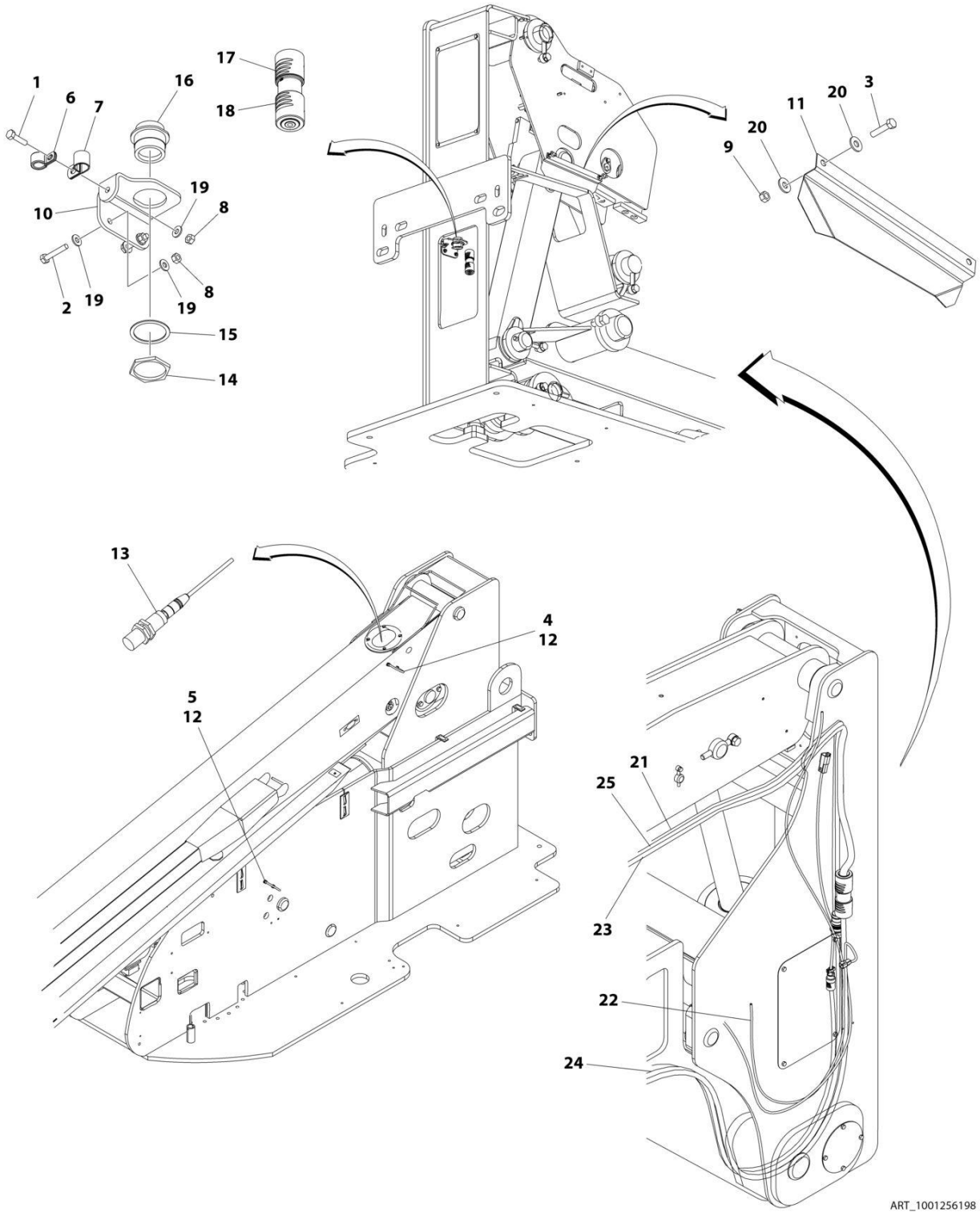
## FIGURE 8-41. BOOM CABLES INSTALLATION - WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (800S HC3)



## FIGURE 8-41. BOOM CABLES INSTALLATION - WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256192 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641410 | 1 | Bolt 1/4 x 1-1/4 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 5 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 6 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 7 | 1320061 | 1 | Clamp | |
| 8 | 1320223 | 2 | Clamp | |
| 9 | 3311405 | 4 | Nut 1/4 | |
| 10 | 3311505 | 2 | Nut 5/16 | |
| 11 | 3573047 | 1 | Plate | |
| 12 | 3573296 | 1 | Plate | |
| 13 | 3841340 | 2 | Rod | |
| 14 | 4360506 | 1 | Switch, Proximity | |
| 15 | 4460470 | 1 | Nut, Terminal | |
| 16 | 4460471 | 1 | Washer, Terminal | |
| 17 | 4460866 | 1 | Connector - 19 Pin | |
| 18 | 4711400 | 5 | Washer 1/4 | |
| 19 | 4751400 | 1 | Washer 1/4 | |
| 20 | 4751500 | 4 | Washer 5/16 | |
| 21 | 4923596 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 22 | 4923597 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 23 | 4923601 | 1 | AC Cable, 8/5 (Main Boom) | |
| 24 | 1001091618 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 25 | 1001091620 | 1 | AC Cable, 10/3 (Tower Boom) | |

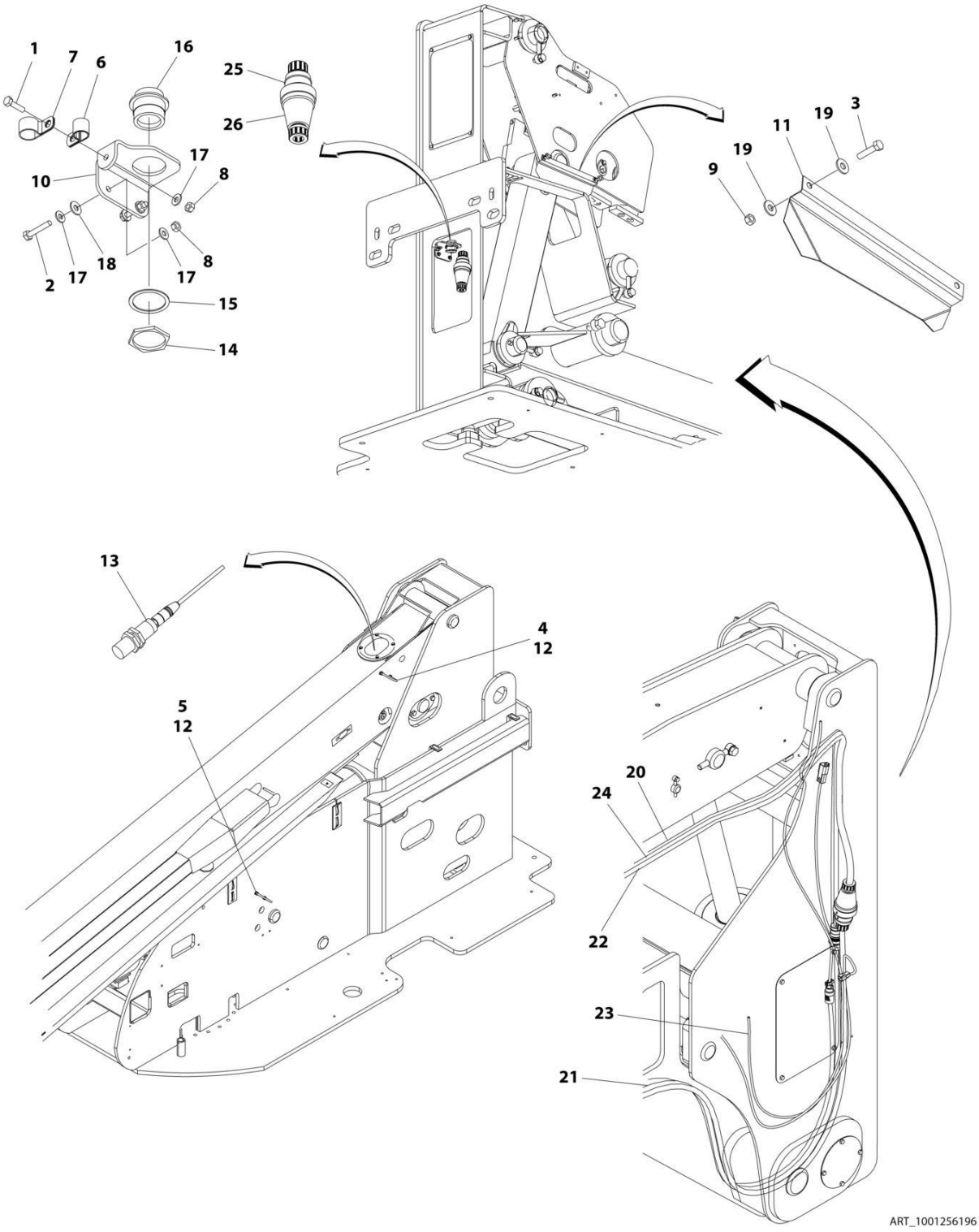
## FIGURE 8-42. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS) (800S HC3)



## FIGURE 8-42. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256198 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 3 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 4 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 5 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 6 | 1320041 | 1 | Clamp | |
| 7 | 1320061 | 1 | Clamp | |
| 8 | 3311405 | 3 | Nut 1/4 | |
| 9 | 3311505 | 2 | Nut 5/16 | |
| 10 | 3573047 | 1 | Plate | |
| 11 | 3573296 | 1 | Plate | |
| 12 | 3841340 | 2 | Rod | |
| 13 | 4360506 | 1 | Switch, Proximity | |
| 14 | 4460470 | 1 | Nut, Terminal | |
| 15 | 4460471 | 1 | Washer, Terminal | |
| 16 | 4460866 | 1 | Connector - 19 Pin | |
| 17 | 4460959 | 1 | Terminal, Turnlock Plug | |
| 18 | 4460960 | 1 | Terminal, Turnlock Connector | |
| 19 | 4711400 | 5 | Washer 1/4 | |
| 20 | 4751500 | 4 | Washer 5/16 | |
| 21 | 4922566 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 22 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 23 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 24 | 1001156425 | 1 | AC Cable, 10/4 (Tower Boom) | |
| 25 | 1001156426 | 1 | AC Cable, 10/4 (Main Boom) | |

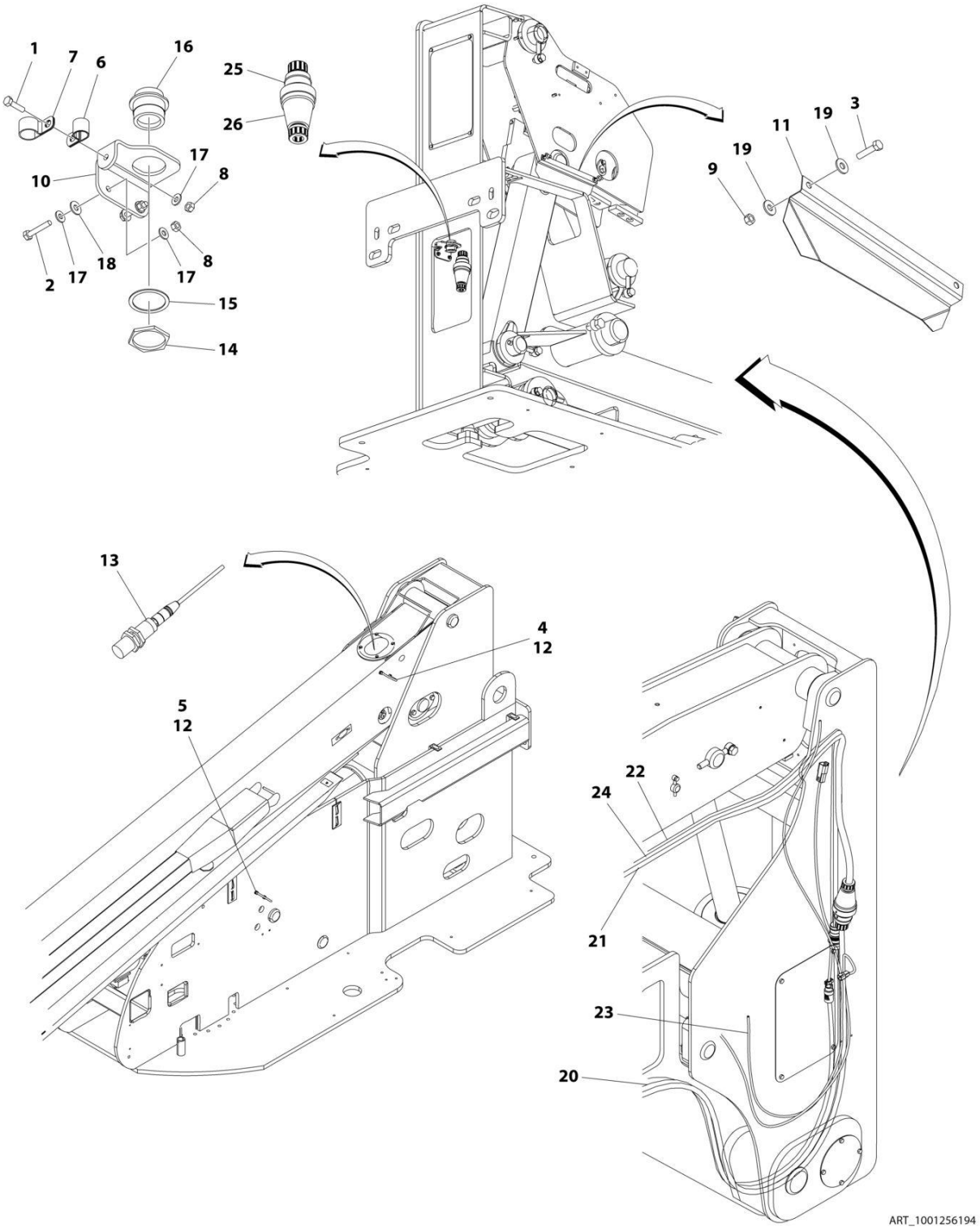
## FIGURE 8-43. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA, RUSSIA AND JAPANESE SPECS) (800S HC3)



## FIGURE 8-43. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA, RUSSIA AND JAPANESE SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256196 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 3 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 4 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 5 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 6 | 1320061 | 1 | Clamp | |
| 7 | 1320202 | 1 | Clamp | |
| 8 | 3311405 | 3 | Nut 1/4 | |
| 9 | 3311505 | 2 | Nut 5/16 | |
| 10 | 3573047 | 1 | Plate | |
| 11 | 3573296 | 1 | Plate | |
| 12 | 3841340 | 2 | Rod | |
| 13 | 4360506 | 1 | Switch, Proximity | |
| 14 | 4460470 | 1 | Nut, Terminal | |
| 15 | 4460471 | 1 | Washer, Terminal | |
| 16 | 4460866 | 1 | Connector - 19 Pin | |
| 17 | 4711400 | 5 | Washer 1/4 | |
| 18 | 4751400 | 1 | Washer 1/4 | |
| 19 | 4751500 | 4 | Washer 5/16 | |
| 20 | 4922566 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 21 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 22 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 23 | 1001121669 | 1 | AC Cable, 8/5 (Tower Boom) | |
| 24 | 1001121670 | 1 | AC Cable, 8/5 (Main Boom) | |
| 25 | 1001218622 | 1 | Terminal, Turnlock Plug | |
| 26 | 1001218623 | 1 | Terminal, Turnlock Connector | |

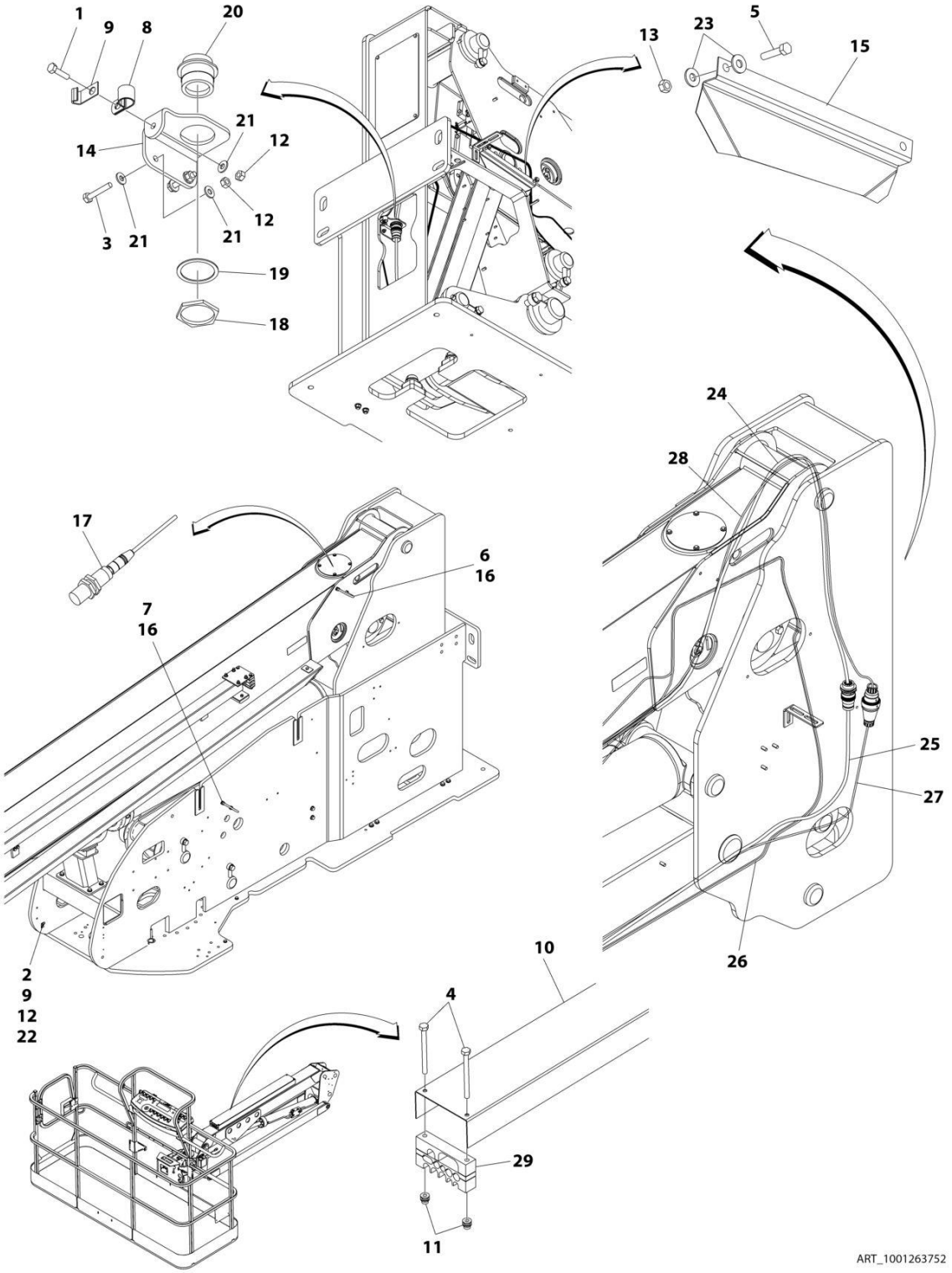
## FIGURE 8-44. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (800S HC3)



## FIGURE 8-44. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256194 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 3 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 4 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 5 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 6 | 1320061 | 1 | Clamp | |
| 7 | 1320202 | 1 | Clamp | |
| 8 | 3311405 | 3 | Nut 1/4 | |
| 9 | 3311505 | 2 | Nut 5/16 | |
| 10 | 3573047 | 1 | Plate | |
| 11 | 3573296 | 1 | Plate | |
| 12 | 3841340 | 2 | Rod | |
| 13 | 4360506 | 1 | Switch, Proximity | |
| 14 | 4460470 | 1 | Nut, Terminal | |
| 15 | 4460471 | 1 | Washer, Terminal | |
| 16 | 4460866 | 1 | Connector - 19 Pin | |
| 17 | 4711400 | 5 | Washer 1/4 | |
| 18 | 4751400 | 1 | Washer 1/4 | |
| 19 | 4751500 | 4 | Washer 5/16 | |
| 20 | 4923596 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 21 | 4923597 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 22 | 1001091618 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 23 | 1001121669 | 1 | AC Cable, 8/5 (Tower Boom) | |
| 24 | 1001121670 | 1 | AC Cable, 8/5 (Main Boom) | |
| 25 | 1001218622 | 1 | Terminal, Turnlock Plug | |
| 26 | 1001218623 | 1 | Terminal, Turnlock Connector | |

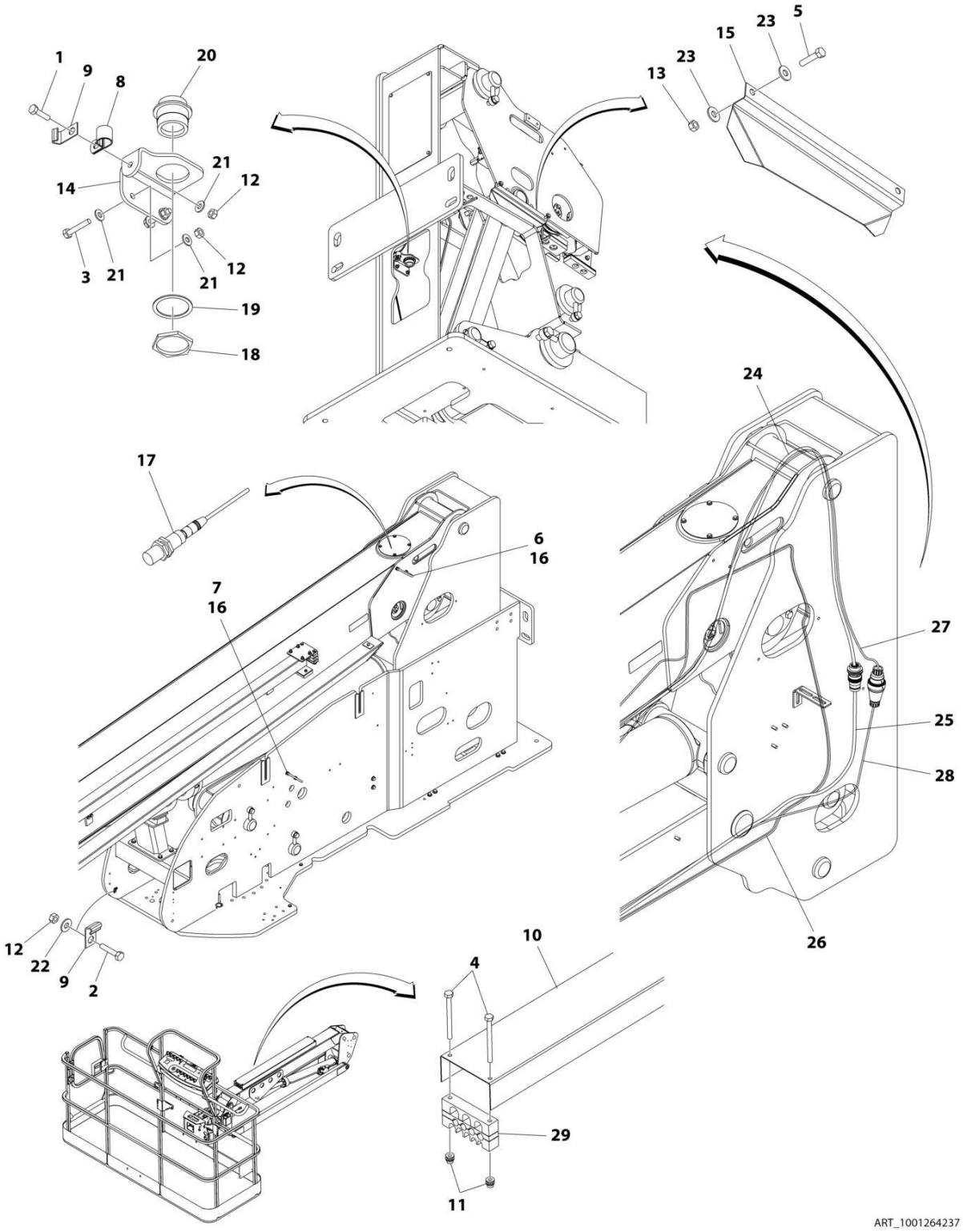
## FIGURE 8-45. BOOM CABLES INSTALLATION - WITHOUT ARCTIC PACKAGE (ALL SPECS EXCEPT CHINEASE SPECS) (860SJ HC3)



## FIGURE 8-45. BOOM CABLES INSTALLATION - WITHOUT ARCTIC PACKAGE (ALL SPECS EXCEPT CHINEASE SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263752 | Ref | BOOM CABLES INSTALLATION | B |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641410 | 1 | Bolt 1/4 x 1-1/4 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 4 | 0700624 | 4 | Bolt M6 x 80 | |
| 5 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 6 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 7 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 8 | 1320061 | 1 | Clamp | |
| 9 | 1320223 | 2 | Clamp | |
| 10 | 1671034 | 1 | Cover | |
| 11 | 2080044 | 4 | Rivnut (For Use with Item 4, 1/4 x 3 Bolt) | |
| 12 | 3311405 | 4 | Nut 1/4 | |
| 13 | 3311505 | 2 | Nut 5/16 | |
| 14 | 3573047 | 1 | Plate | |
| 15 | 3573296 | 1 | Plate | |
| 16 | 3841340 | 2 | Rod | |
| 17 | 4360506 | 1 | Switch, Proximity | |
| 18 | 4460470 | 1 | Nut, Terminal | |
| 19 | 4460471 | 1 | Washer, Terminal | |
| 20 | 4460866 | 1 | Connector - 19 Pin | |
| 21 | 4711400 | 5 | Washer 1/4 | |
| 22 | 4751400 | 1 | Washer 1/4 | |
| 23 | 4751500 | 4 | Washer 5/16 | |
| 24 | 4922567 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 25 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 26 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 27 | 4922876 | 1 | AC Cable, 10/3 (Tower Boom) | |
| 28 | 4922878 | 2 | AC Cable, 10/3 (Main Boom) | |

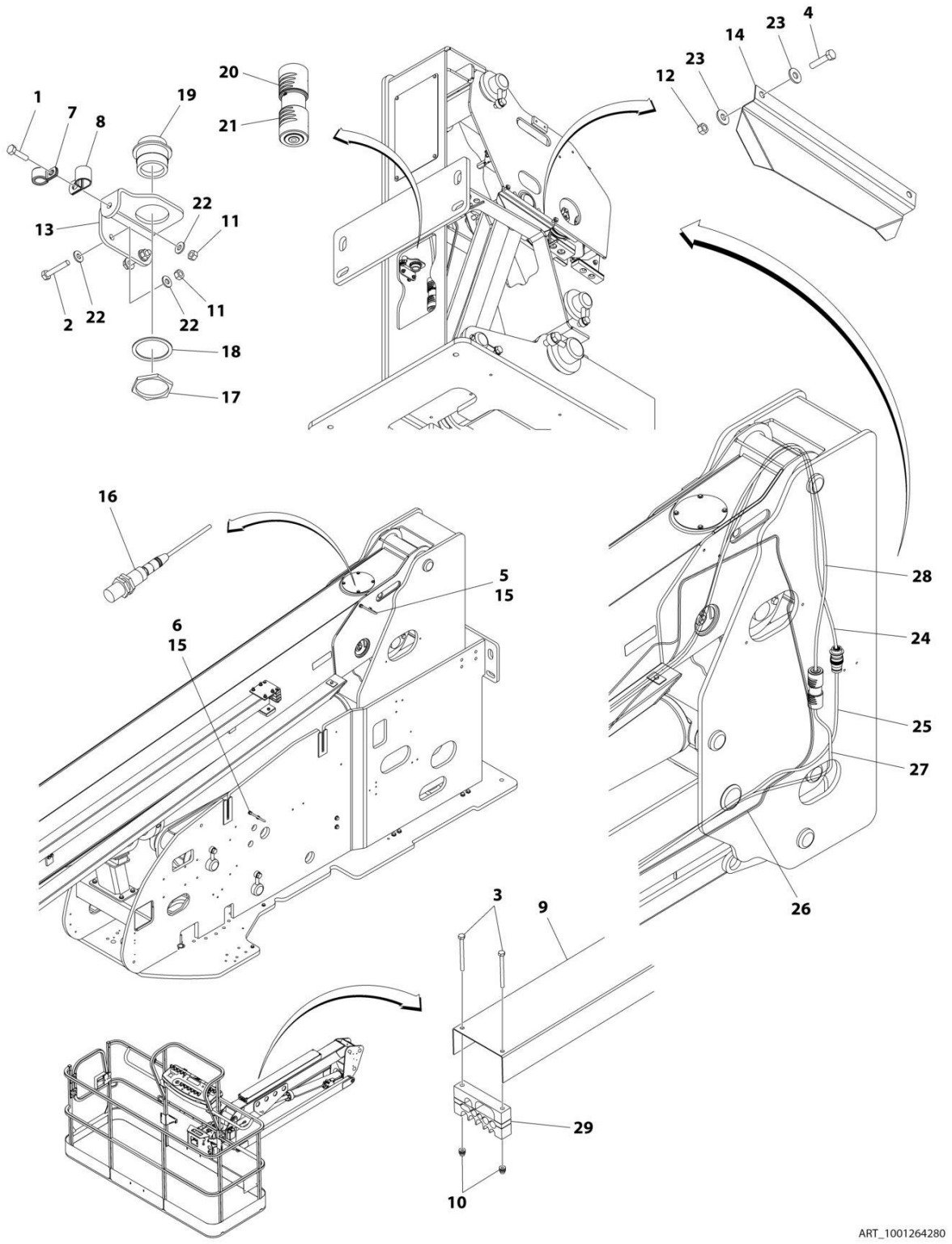
## FIGURE 8-46. BOOM CABLES INSTALLATION - WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (860SJ HC3)



## FIGURE 8-46. BOOM CABLES INSTALLATION - WITH ARCTIC PACKAGE (ANSI, ANSI EXPORT AND CSA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001264237 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641410 | 1 | Bolt 1/4 x 1-1/4 | |
| 3 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 4 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 5 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 6 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 7 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 8 | 1320061 | 1 | Clamp | |
| 9 | 1320223 | 2 | Clamp | |
| 10 | 1671034 | 1 | Cover | |
| 11 | 2080044 | 4 | Rivnut | |
| 12 | 3311405 | 4 | Nut 1/4 | |
| 13 | 3311505 | 2 | Nut 5/16 | |
| 14 | 3573047 | 1 | Plate | |
| 15 | 3573296 | 1 | Plate | |
| 16 | 3841340 | 2 | Rod | |
| 17 | 4360506 | 1 | Switch, Proximity | |
| 18 | 4460470 | 1 | Nut, Terminal | |
| 19 | 4460471 | 1 | Washer, Terminal | |
| 20 | 4460866 | 1 | Connector - 19 Pin | |
| 21 | 4711400 | 5 | Washer 1/4 | |
| 22 | 4751400 | 1 | Washer 1/4 | |
| 23 | 4751500 | 4 | Washer 5/16 | |
| 24 | 4923595 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 25 | 4923596 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 26 | 4923597 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 27 | 4923600 | 1 | AC Cable, 10/3 (Main Boom) | |
| 28 | 4923601 | 1 | AC Cable, 10/3 (Tower Boom) | |
| 29 | 1001265900 | 2 | Block, Clamp | |

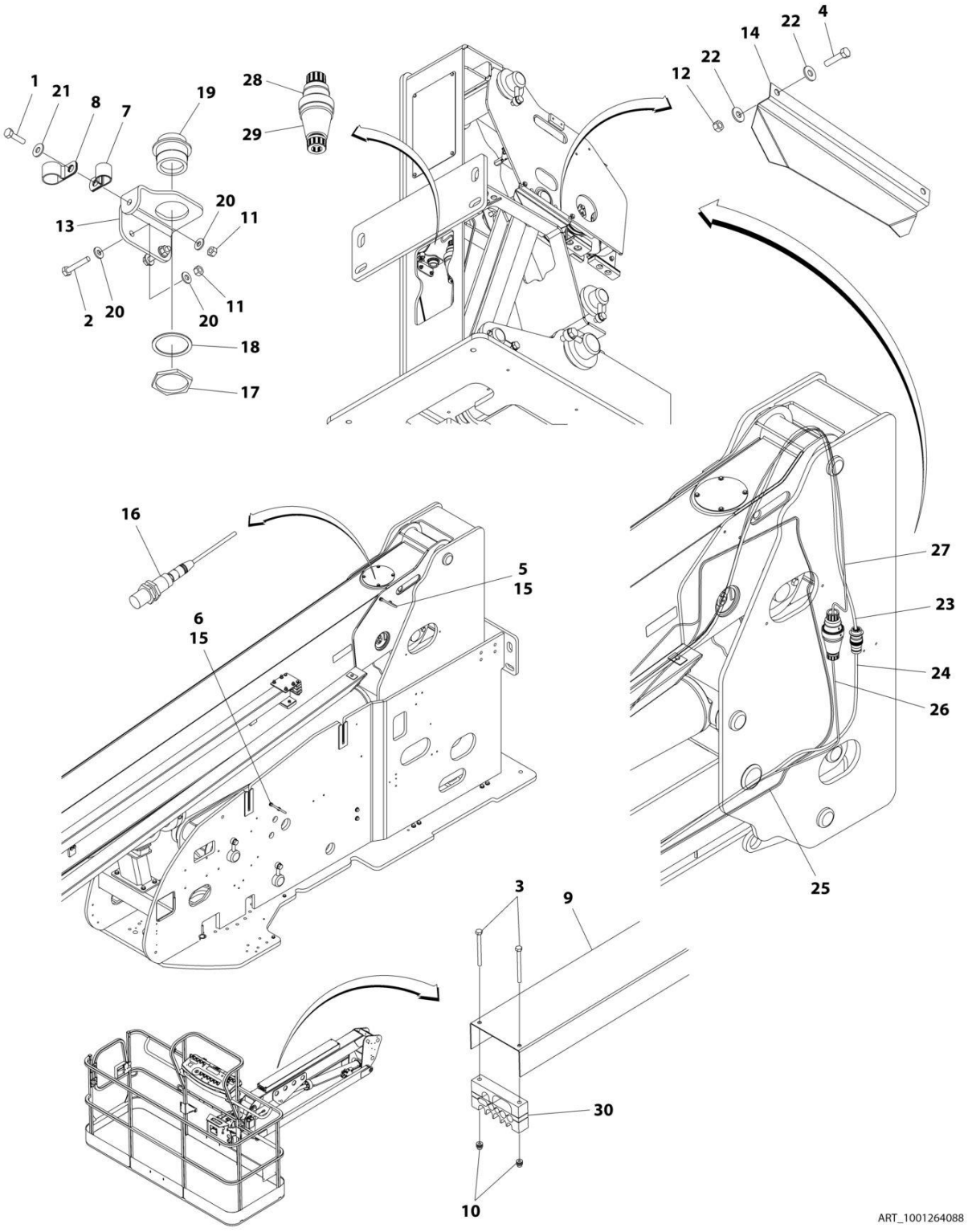
## FIGURE 8-47. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS) (860SJ HC3)



## FIGURE 8-47. BOOM CABLES INSTALLATION - WITH 4000W GENERATOR AND WITHOUT ARCTIC PACKAGE (ANSI, ANSI EXPORT, CSA AND JAPANESE SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001264280 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 4 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 5 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 6 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 7 | 1320041 | 1 | Clamp | |
| 8 | 1320061 | 1 | Clamp | |
| 9 | 1671034 | 1 | Cover | |
| 10 | 2080044 | 4 | Rivnut | |
| 11 | 3311405 | 3 | Nut 1/4 | |
| 12 | 3311505 | 2 | Nut 5/16 | |
| 13 | 3573047 | 1 | Plate | |
| 14 | 3573296 | 1 | Plate | |
| 15 | 3841340 | 2 | Rod | |
| 16 | 4360506 | 1 | Switch, Proximity | |
| 17 | 4460470 | 1 | Nut, Terminal | |
| 18 | 4460471 | 1 | Washer, Terminal | |
| 19 | 4460866 | 1 | Connector - 19 Pin | |
| 20 | 4460959 | 1 | Terminal, Turnlock Plug | |
| 21 | 4460960 | 1 | Terminal, Turnlock Connector | |
| 22 | 4711400 | 5 | Washer 1/4 | |
| 23 | 4751500 | 4 | Washer 5/16 | |
| 24 | 4922567 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 25 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 26 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 27 | 1001156425 | 1 | AC Cable, 10/4 (Tower Boom) | |
| 28 | 1001156427 | 1 | AC Cable, 10/4 (Main Boom) | |
| 29 | 1001263445 | 2 | Block, Clamp | |

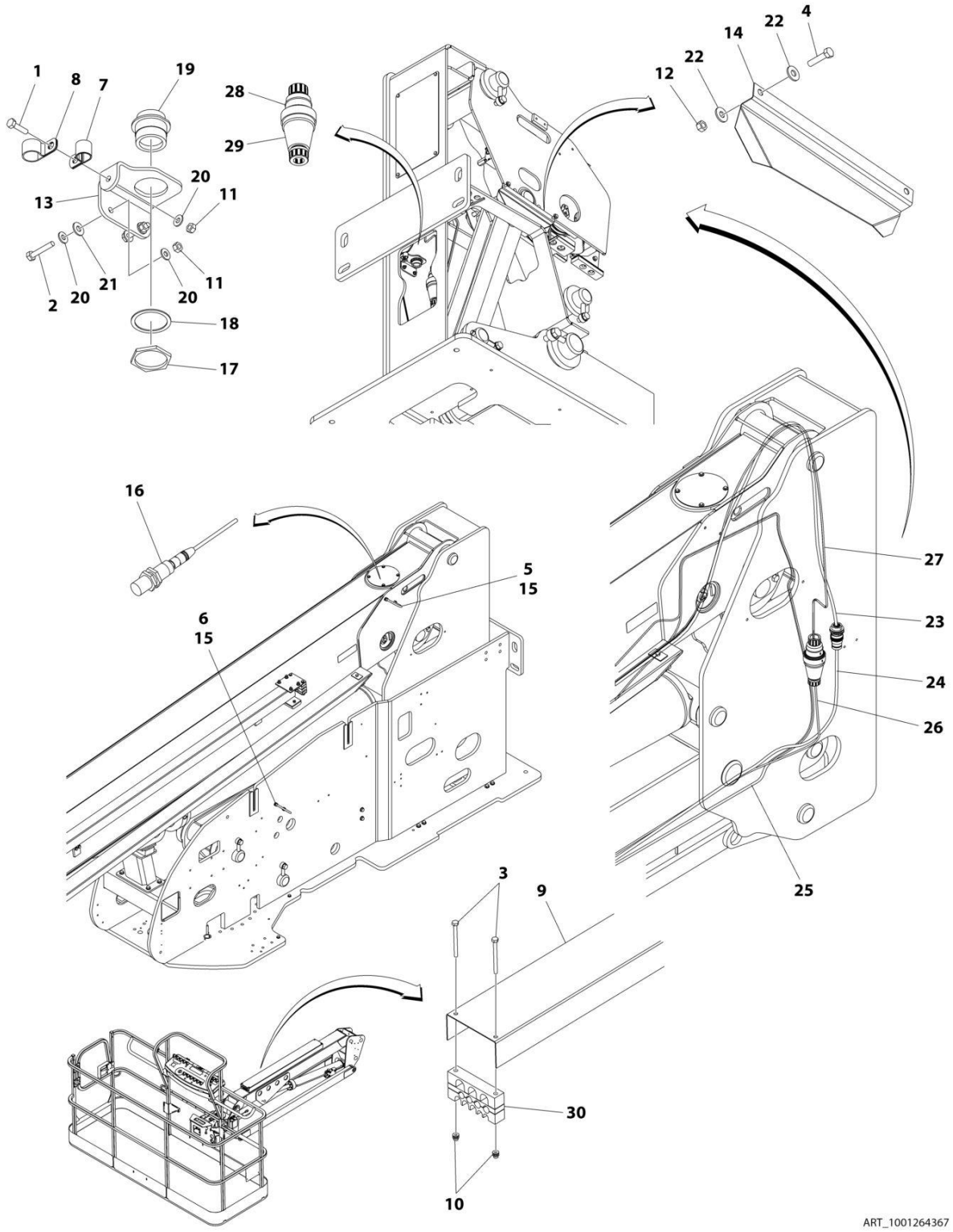
## FIGURE 8-48. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITHOUT ARCTIC PACKAGE (ALL SPECS) (860SJ HC3)



## FIGURE 8-48. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITHOUT ARCTIC PACKAGE (ALL SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001264088 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 4 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 5 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 6 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 7 | 1320061 | 1 | Clamp | |
| 8 | 1320202 | 1 | Clamp | |
| 9 | 1671034 | 1 | Cover | |
| 10 | 2080044 | 4 | Rivnut | |
| 11 | 3311405 | 3 | Nut 1/4 | |
| 12 | 3311505 | 2 | Nut 5/16 | |
| 13 | 3573047 | 1 | Plate | |
| 14 | 3573296 | 1 | Plate | |
| 15 | 3841340 | 2 | Rod | |
| 16 | 4360506 | 1 | Switch, Proximity | |
| 17 | 4460470 | 1 | Nut, Terminal | |
| 18 | 4460471 | 1 | Washer, Terminal | |
| 19 | 4460866 | 1 | Connector - 19 Pin | |
| 20 | 4711400 | 5 | Washer 1/4 | |
| 21 | 4751400 | 1 | Washer 1/4 | |
| 22 | 4751500 | 4 | Washer 5/16 | |
| 23 | 4922567 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 24 | 4922569 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 25 | 4922660 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 26 | 1001121669 | 1 | AC Cable, 8/5 (Tower Boom) | |
| 27 | 1001121671 | 1 | AC Cable, 8/5 (Main Boom) | |
| 28 | 1001218622 | 1 | Terminal, Turnlock Plug | |
| 29 | 1001218623 | 1 | Terminal, Turnlock Connector | |
| 30 | 1001263445 | 2 | Block, Clamp | |

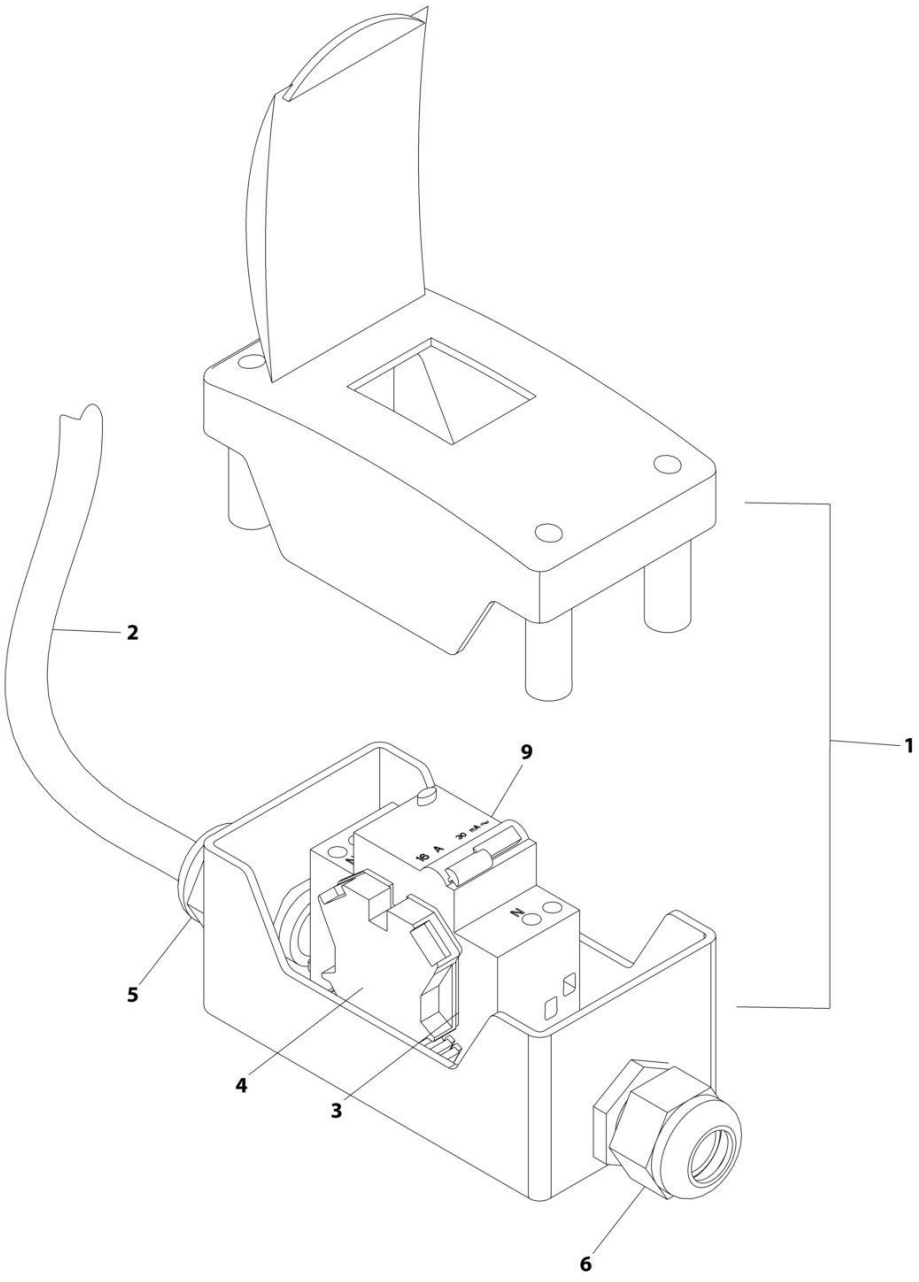
## FIGURE 8-49. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITH ARCTIC PACKAGE (ANSI, ANSI EXPOERT AND CSA SPECS) (860SJ HC3)



## FIGURE 8-49. BOOM CABLES INSTALLATION - WITH 7500W GENERATOR AND WITH ARCTIC PACKAGE (ANSI, ANSI EXPOERT AND CSA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001264367 | Ref | BOOM CABLES INSTALLATION | A |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641412 | 2 | Bolt 1/4 x 1-1/2 | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 4 | 0641511 | 2 | Bolt 5/16 x 1-3/8 | |
| 5 | 0641604 | 2 | Bolt 3/8 x 1/2 | |
| 6 | 0641607 | 2 | Bolt 3/8 x 7/8 | |
| 7 | 1320061 | 1 | Clamp | |
| 8 | 1320202 | 1 | Clamp | |
| 9 | 1671034 | 1 | Cover | |
| 10 | 2080044 | 4 | Rivnut | |
| 11 | 3311405 | 3 | Nut 1/4 | |
| 12 | 3311505 | 2 | Nut 5/16 | |
| 13 | 3573047 | 1 | Plate | |
| 14 | 3573296 | 1 | Plate | |
| 15 | 3841340 | 2 | Rod | |
| 16 | 4360506 | 1 | Switch, Proximity | |
| 17 | 4460470 | 1 | Nut, Terminal | |
| 18 | 4460471 | 1 | Washer, Terminal | |
| 19 | 4460866 | 1 | Connector - 19 Pin | |
| 20 | 4711400 | 5 | Washer 1/4 | |
| 21 | 4751400 | 1 | Washer 1/4 | |
| 22 | 4751500 | 4 | Washer 5/16 | |
| 23 | 4923595 | 1 | Harness Assembly - Main Boom (See Separate Breakdown in this Section) | |
| 24 | 4923596 | 1 | Harness Assembly - Tower Boom (See Separate Breakdown in this Section) | |
| 25 | 4923597 | 1 | Holding Valve/Lift Dump Harness Assembly (See Separate Breakdown in this Section) | |
| 26 | 1001121669 | 1 | AC Cable, 8/5 (Tower Boom) | |
| 27 | 1001121671 | 1 | AC Cable, 8/5 (Main Boom) | |
| 28 | 1001218622 | 1 | Terminal, Turnlock Plug | |
| 29 | 1001218623 | 1 | Terminal, Turnlock Connector | |
| 30 | 1001265900 | 2 | Block, Clamp | |

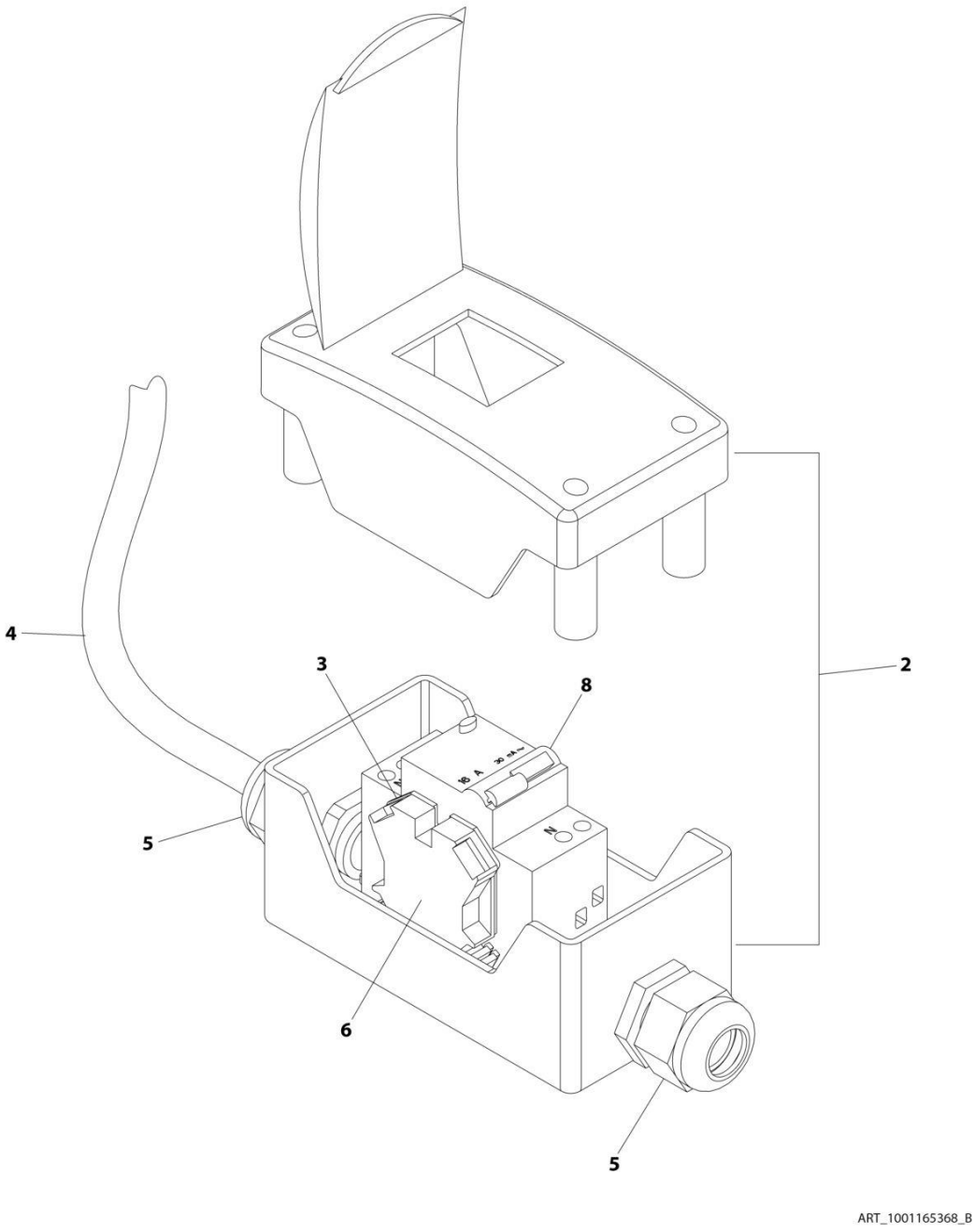
## FIGURE 8-50. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (CE & UK CA SPECS WITHOUT 7500W GENERATOR)



## FIGURE 8-50. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (CE & UK CA SPECS WITHOUT 7500W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001109654 | Ref | BREAKER BOX KIT | C |
| 1 | 0861880 | 1 | Box, Breaker | |
| 2 | 1060908 | 12 ft/ 3.6m | Cable 12/3 | |
| 3 | 4460956 | 1 | Barrier, Terminal Block End | |
| 4 | 4460957 | 1 | Block, Terminal | |
| 5 | 1001097150 | 1 | Connector, Strain Relief | |
| 6 | 1001101191 | 1 | Connector, Strain Relief | |
| 9 | 1001181045 | 1 | Breaker - 30mA/16Amp | |
| 10 | 1001100231 | 3 | Terminal (Not Shown) | |

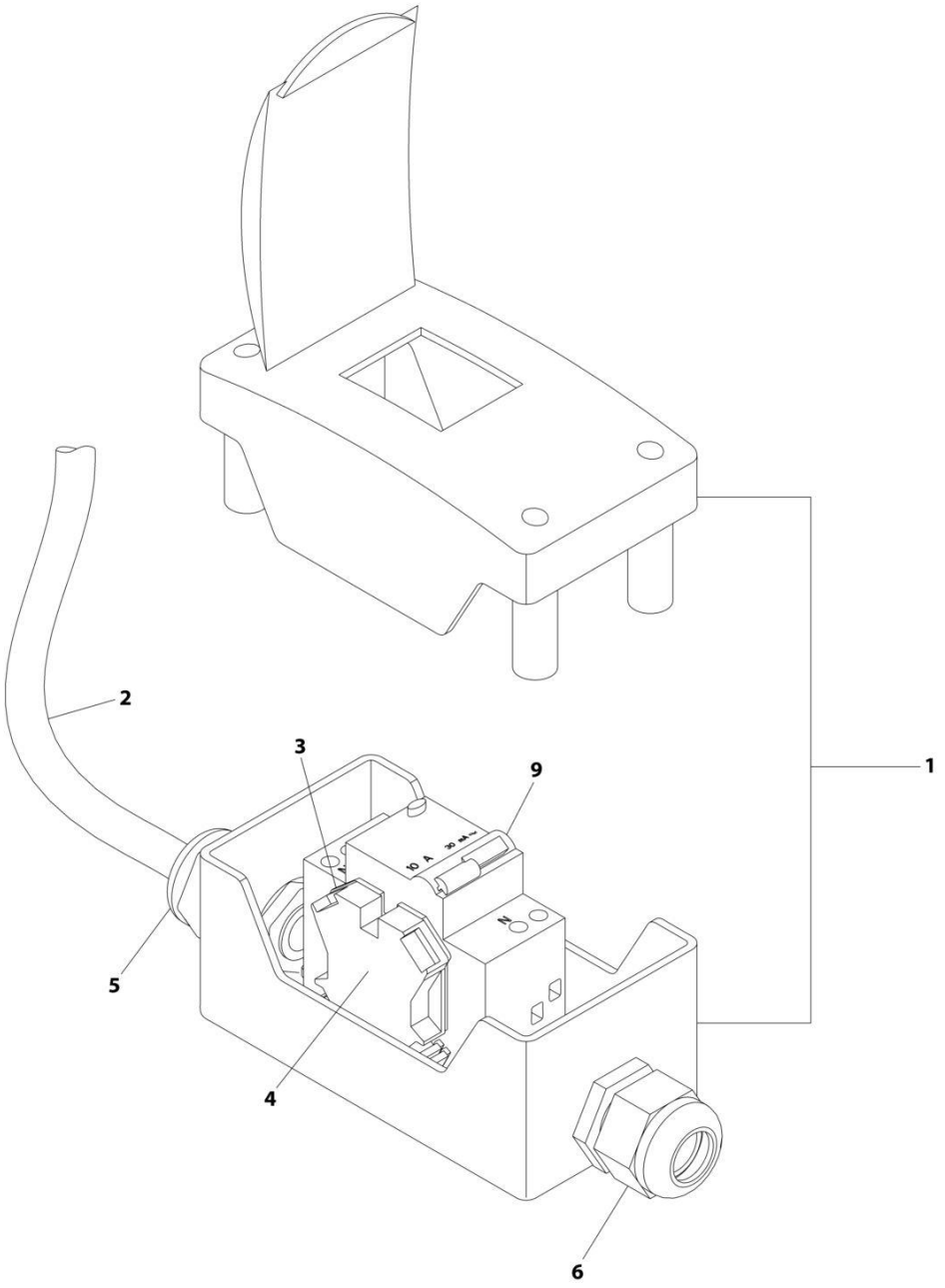
## FIGURE 8-51. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (WITH 4000W/50HZ GENERATOR)



## FIGURE 8-51. BREAKER BOX KIT - ONE DOUBLE 16AMP BREAKER (WITH 4000W/50HZ GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001165368 | Ref | BREAKER BOX KIT | B |
| 2 | 0861880 | 1 | Box, Circuit Breaker | |
| 3 | 4460956 | 1 | Barrier, Terminal Block End | |
| 4 | 1060545 | 12 ft/ 3.6m | Cable, Electrical 10/3 | |
| 5 | 1001101191 | 2 | Connector, Strain Relief | |
| 6 | 4460957 | 1 | Block, Terminal | |
| 8 | 1001181045 | 1 | Breaker 30mA/16Amp | |

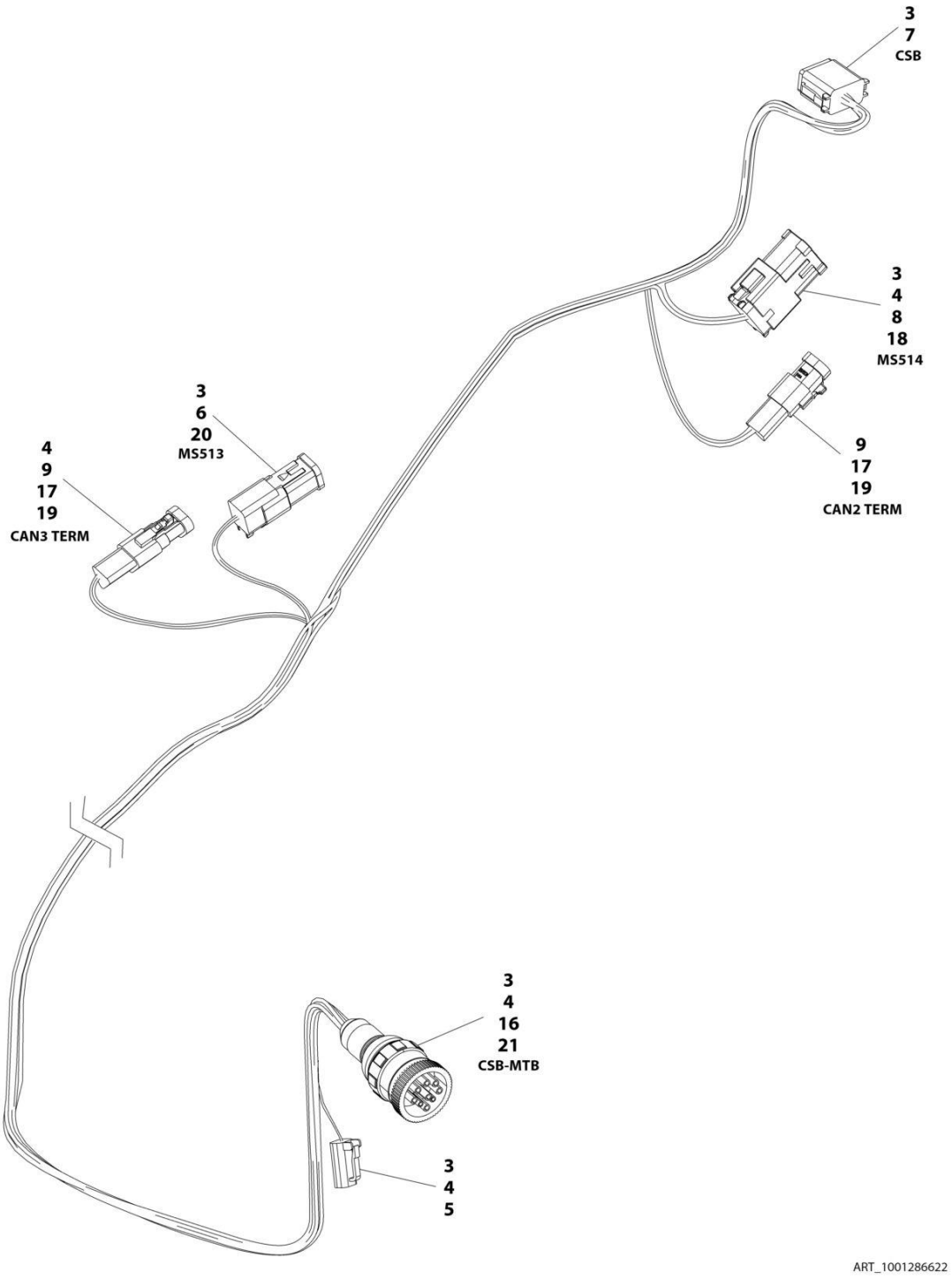
## FIGURE 8-52. BREAKER BOX KIT - 10 AMP (CE & UK CA SPECS WITHOUT 7500W GENERATOR)



## FIGURE 8-52. BREAKER BOX KIT - 10 AMP (CE & UK CA SPECS WITHOUT 7500W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001109648 | Ref | BREAKER BOX KIT - 10 AMP (2500W GENERATOR) | B |
| 1 | 0861880 | 1 | Box, Breaker | |
| 2 | 1060908 | 12 ft /3.6m | Cable, Electrical 12/3 | |
| 3 | 4460956 | 1 | Barrier, Terminal Block End | |
| 4 | 4460957 | 1 | Block, Terminal | |
| 5 | 1001097150 | 1 | Connector, Strain Relief | |
| 6 | 1001101191 | 1 | Connector, Strain Relief | |
| 9 | 1001181046 | 1 | Breaker 30mA/16Amp | |

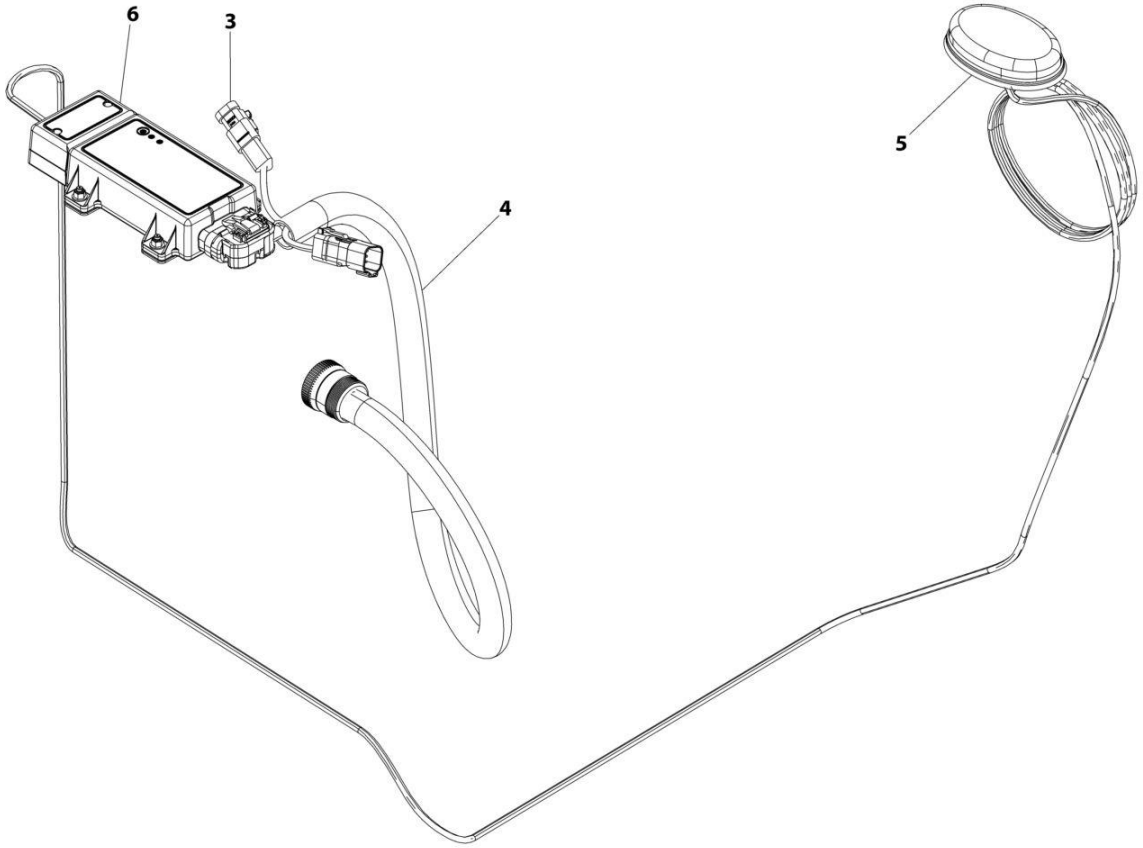
## FIGURE 8-53. CSB HARNESS



## FIGURE 8-53. CSB HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001286622 | Ref | CSB HARNESS | C |
| 3 | 4460465 | 32 | Socket | |
| 4 | 4460466 | 6 | Plug, Terminal | |
| 5 | 4460891 | 1 | Connector | |
| 6 | 4460894 | 1 | Connector | |
| 7 | 4460930 | 1 | Connector | |
| 8 | 4460933 | 1 | Connector | |
| 9 | 4460943 | 6 | Pin | |
| 16 | 1001112796 | 1 | Connector | |
| 17 | 1001116815 | 2 | Connector | |
| 18 | 1001119020 | 1 | Connector | |
| 19 | 1001144147 | 2 | Pin | |
| 20 | 1001226541 | 1 | Connector | |
| 21 | 4461042 | 1 | Connector | |

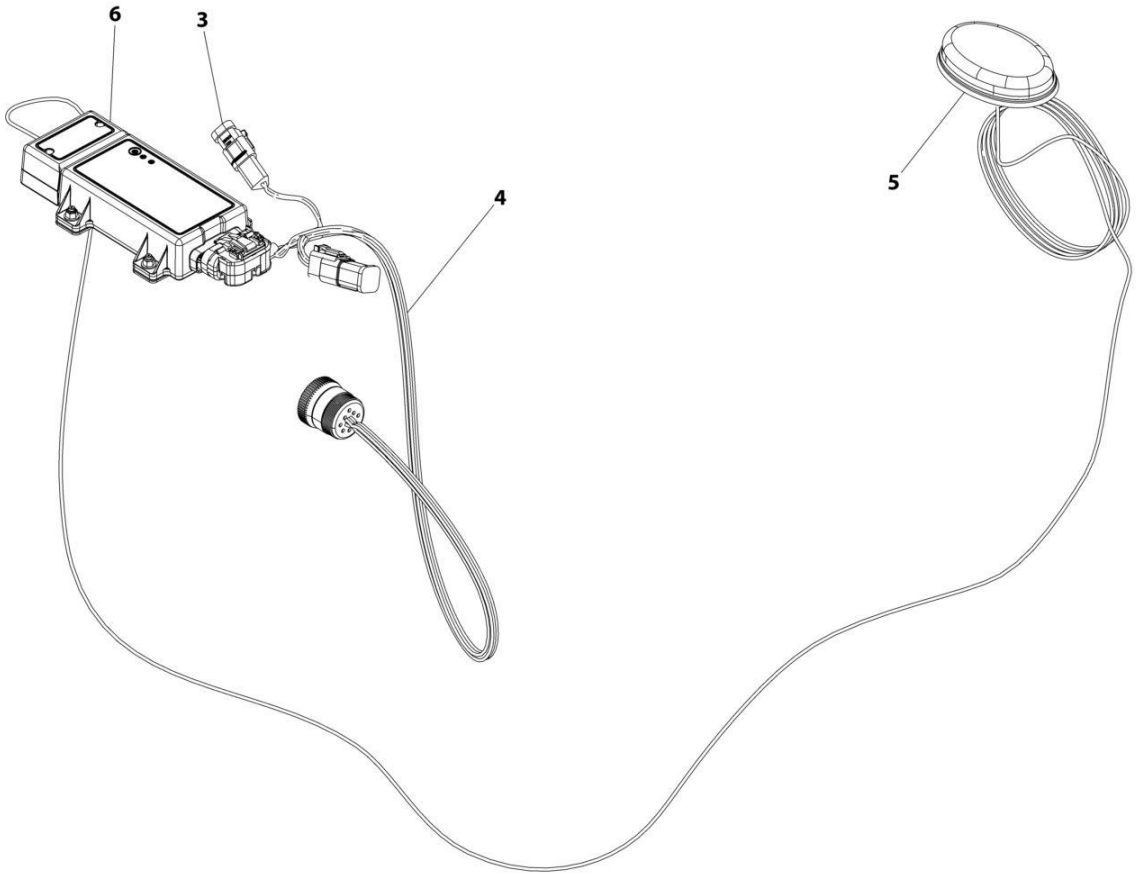
**FIGURE 8-54. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (ANSI EXPORT, RUSSIAN, CE & UK CA SPECS)**



## FIGURE 8-54. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (ANSI EXPORT, RUSSIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228950 | REF | CLEARSKY INSTALLATION CANBUS CONNECTION | A |
| 1 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 2 | 4460234 | AR | Strap, Cable Tie (Not Shown) | |
| 3 | 1001116815 | 1 | Connector | |
| 4 | 1001226739 | 1 | ClearSky Harness (See Separate Breakdown in this Section) | |
| 5 | 1001226799 | 1 | Antenna | |
| 6 | 1001228954 | 1 | Telematics Control Module (Note: Re-calibration Required when Replaced) | |

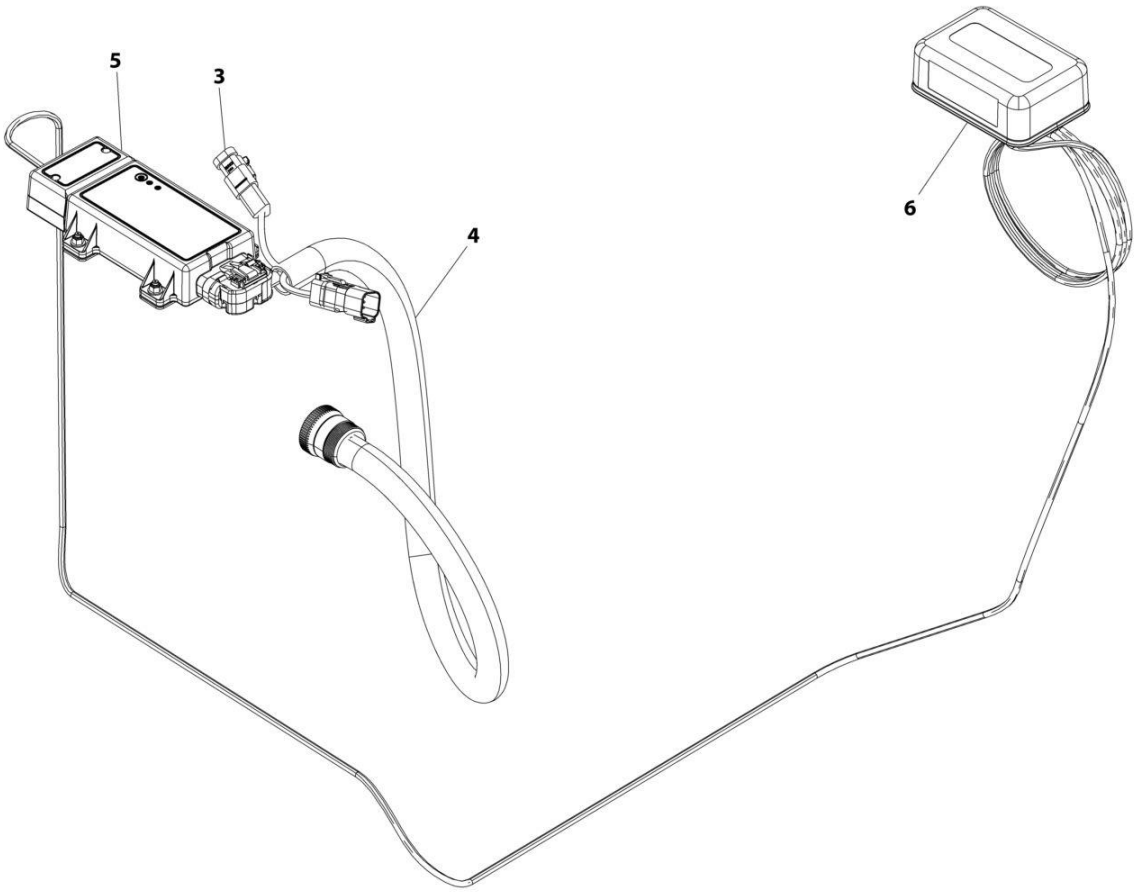
## FIGURE 8-55. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (AUSTRALIAN SPECS)



## FIGURE 8-55. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (AUSTRALIAN SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001246475 | REF | CLEARSKY INSTALLATION CANBUS CONNECTION | A |
| 1 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 2 | 4460234 | AR | Strap, Cable Tie (Not Shown) | |
| 3 | 1001116815 | 1 | Connector | |
| 4 | 1001226739 | 1 | ClearSky Harness (See Separate Breakdown in this Section) | |
| 5 | 1001226799 | 1 | Antenna | |
| 6 | 1001246144 | 1 | Telematics Control Module (Note: Re-calibration Required when Replaced) | |

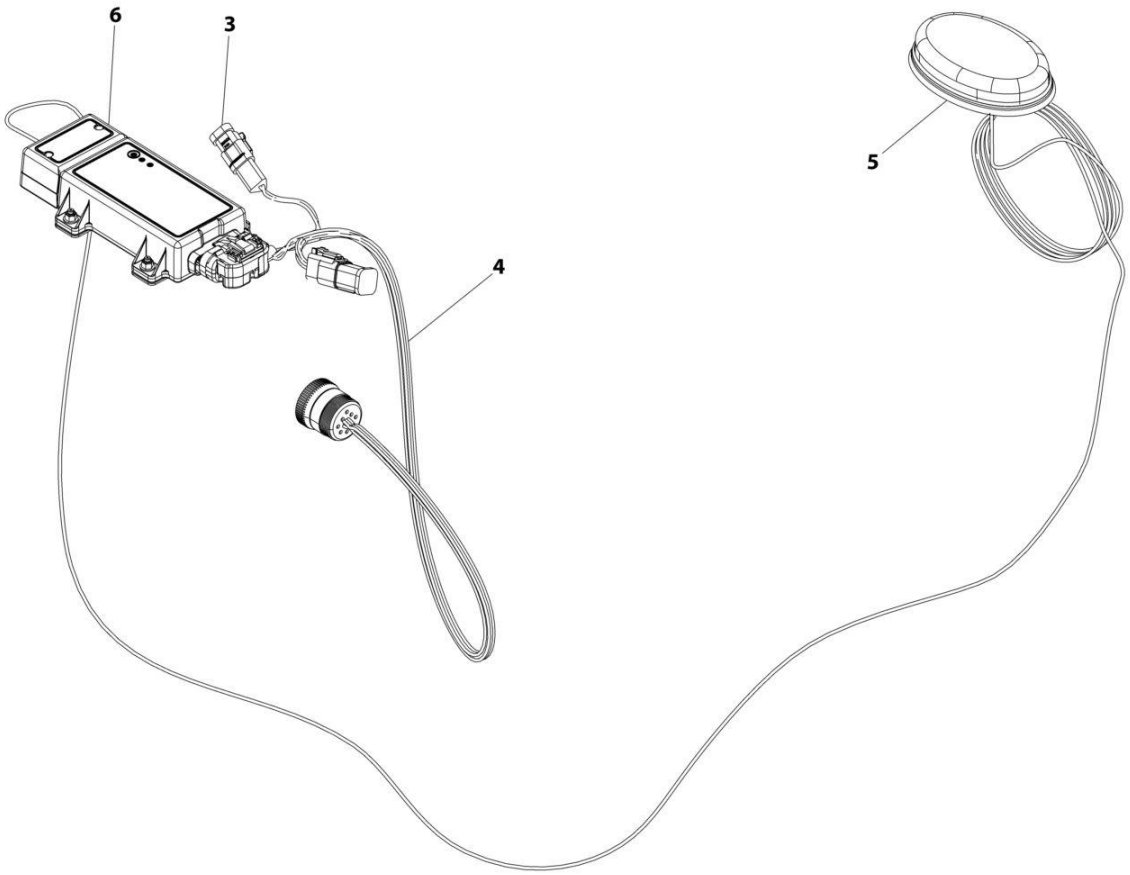
## FIGURE 8-56. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (ANSI & CSA SPECS)



## FIGURE 8-56. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (ANSI & CSA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001227494 | Ref | CLEARSKY INSTALLATION CANBUS CONNECTION | B |
| 1 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 2 | 4460234 | AR | Strap, Cable Tie (Not Shown) | |
| 3 | 1001116815 | 1 | Connector | |
| 4 | 1001226739 | 1 | ClearSky Harness (See Separate Breakdown in this Section) | |
| 5 | 1001262322 | 1 | Telematics Control Module (Note: Re-calibration Required when Replaced) | |
| 6 | 1001262326 | 1 | Antenna | |

## FIGURE 8-57. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (CHINA SPECS)

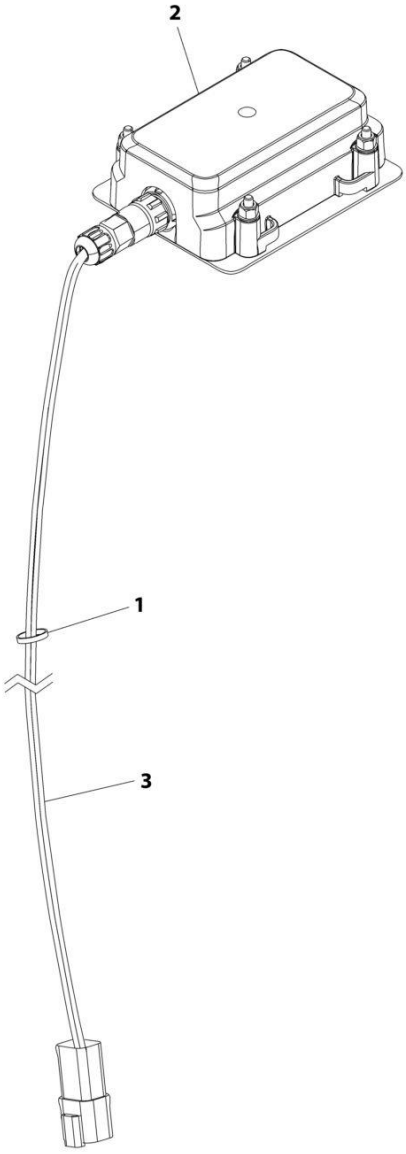



ART_1001246476

## FIGURE 8-57. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (CHINA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001246476 | Ref | CLEARSKY INSTALLATION CANBUS CONNECTION | A |
| 1 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 2 | 4460234 | AR | Strap, Cable Tie (Not Shown) | |
| 3 | 1001116815 | 1 | Connector | |
| 4 | 1001226739 | 1 | ClearSky Harness (See Separate Breakdown in this Section) | |
| 5 | 1001226799 | 1 | Antenna | |
| 6 | 1001246145 | 1 | Telematics Control Module (Note: Re-calibration Required when Replaced) | |

## FIGURE 8-58. CLEARSKY INSTALLATION 3-WIRE CONNECTION (ALL SPECS EXCEPT UL & CHINA SPECS)

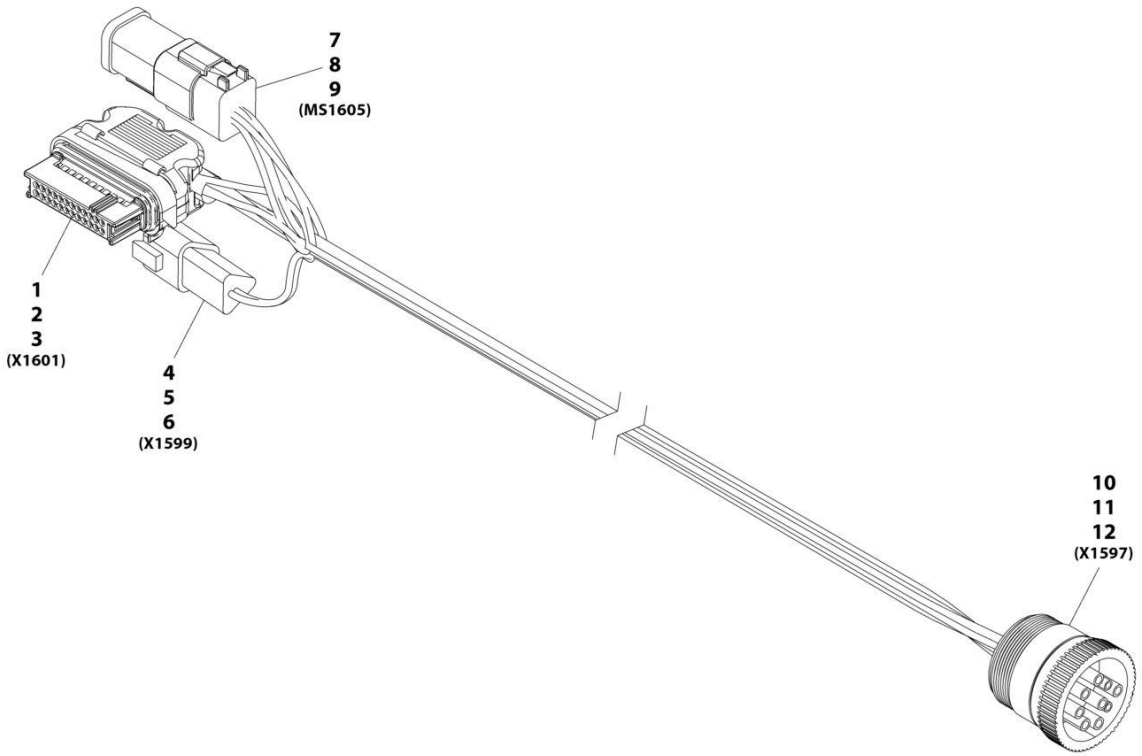



ART_1001276610

## FIGURE 8-58. CLEARSKY INSTALLATION 3-WIRE CONNECTION (ALL SPECS EXCEPT UL & CHINA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001276610 | Ref | CLEARSKY INSTALLATION 3-WIRE CONNECTION | A |
| 1 | 4240032 | AR | Tie-Strap | |
| 2 | 1001272659 | 1 | Telematics Control Module Assembly (Note: Re-calibration Required when Replaced) | |
| 3 | 1001273012 | 1 | ClearSky Harness (See Separate Breakdown in this Section) | |

## FIGURE 8-59. CLEARSKY HARNESS - 3G & 4G CANBUS CONNECTIONS

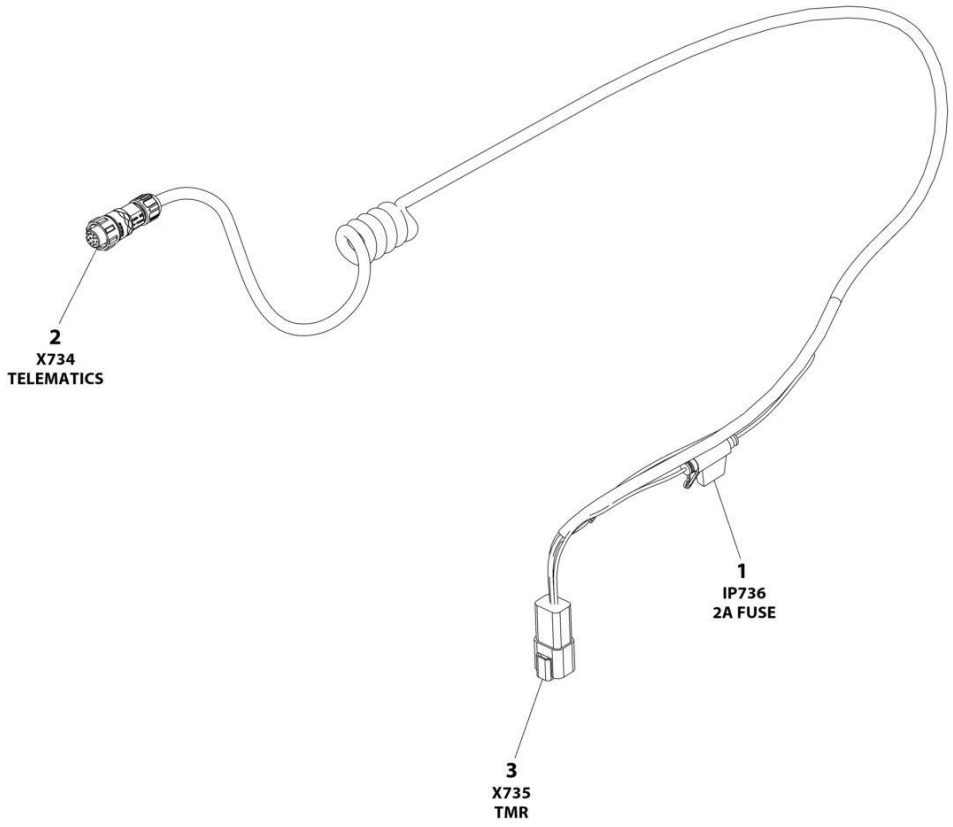



ART_1001226739-A

## FIGURE 8-59. CLEARSKY HARNESS - 3G & 4G CANBUS CONNECTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001226739 | Ref | Clearsky Harness | A |
| 1 | 1001226636 | 1 | Connector | |
| 2 | 1001116731 | 16 | Plug, Terminal | |
| 3 | 1001226637 | 8 | Terminal | |
| 4 | 1001144147 | 1 | Connector | |
| 5 | 4460464 | 2 | Terminal | |
| 6 | 4460466 | 1 | Plug, Terminal | |
| 7 | 4460894 | 1 | Connector | |
| 8 | 4460465 | 6 | Terminal | |
| 9 | 1001226541 | 1 | Connector- 6 Pin Bussbar | |
| 10 | 1001112796 | 1 | Connector | |
| 11 | 4460465 | 8 | Terminal | |
| 12 | 4460466 | 1 | Plug, Terminal | |

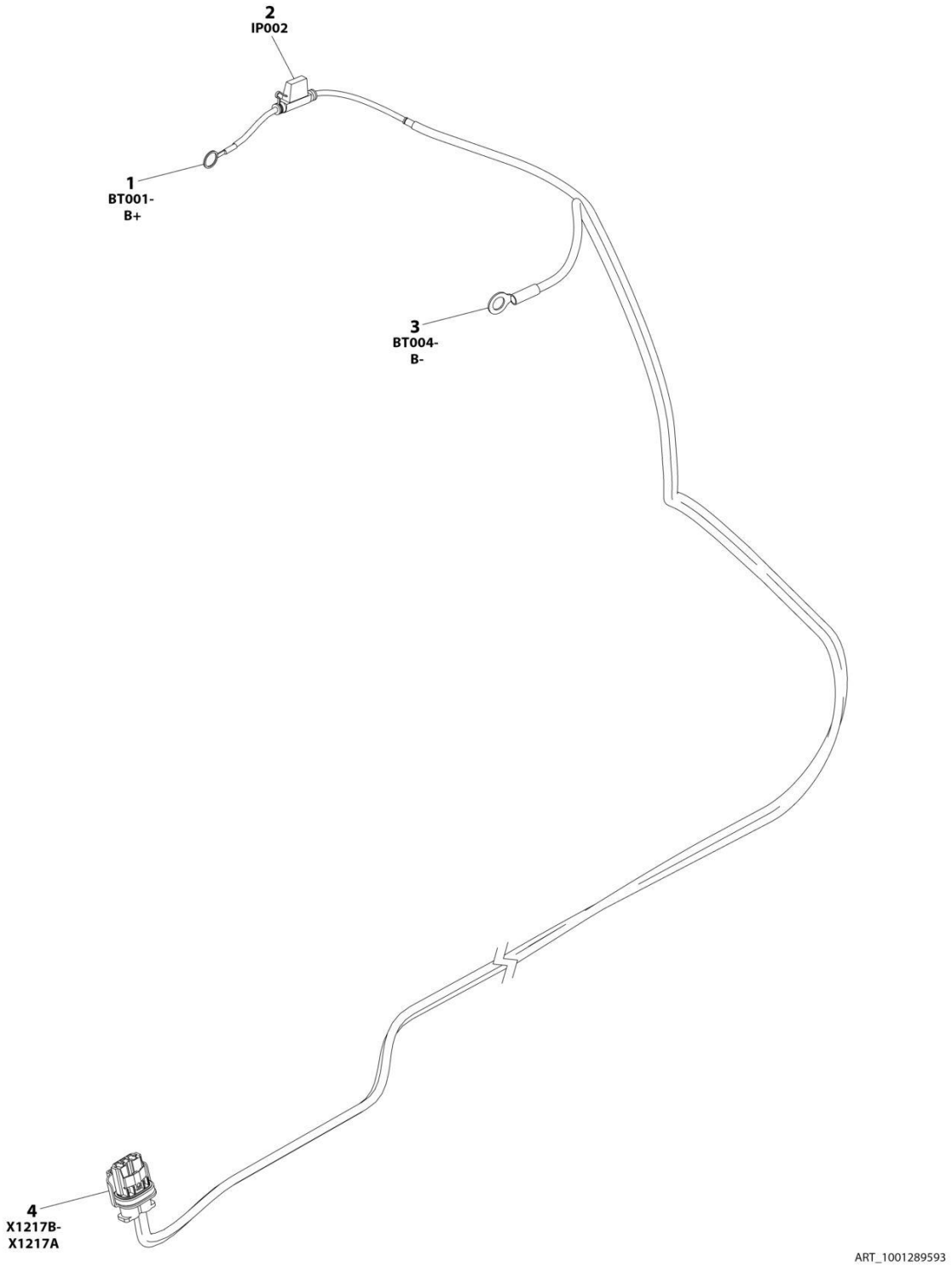
## FIGURE 8-60. CLEARSKY HARNESS - 3 WIRE CONNECTION



## FIGURE 8-60. CLEARSKY HARNESS - 3 WIRE CONNECTION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001273012 | Ref | CLEARSKY TELEMATICS HARNESS - GT1030 | D |
| 1 | 1001255901 | 1 | Fuseholder | |
| 1 | 1001196634 | 1 | Fuse - 2Amp | |
| 2 | 1001272997 | 1 | Connector - 12 Position | |
| 2 | | Ref | Terminal | |
| 3 | 4460932 | 1 | Receptacle, Female - 4 Position | |
| 3 | 4460464 | 4 | Pin, Male | |

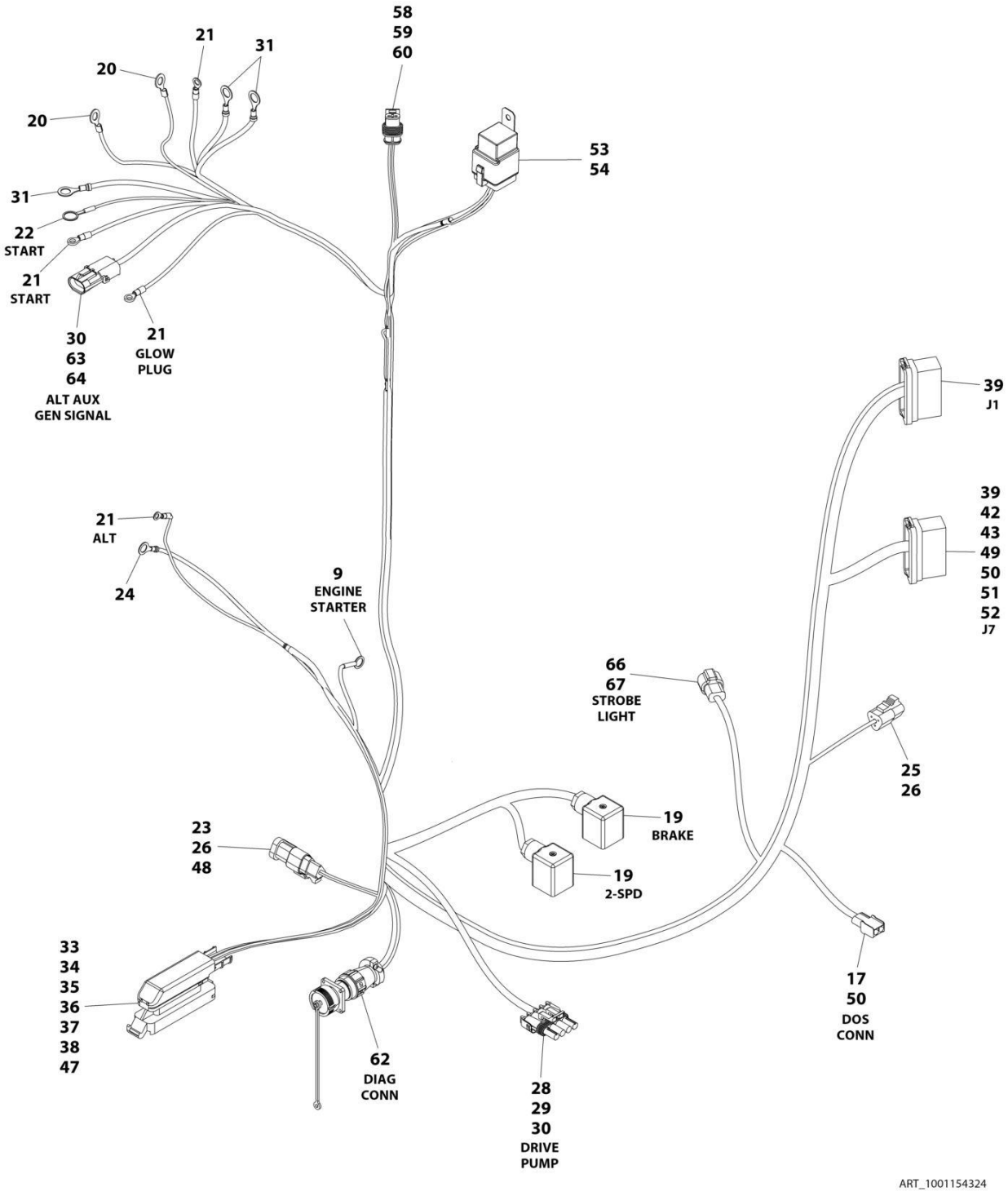
## FIGURE 8-61. ECU POWER JUMPER HARNESS



## FIGURE 8-61. ECU POWER JUMPER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001289593 | Ref | ECU POWER JUMPER HARNESS | A |
| 1 | 4460019 | 1 | Terminal Ring | |
| 2 | 1001172064 | 1 | Fuse Holder | |
| 2 | 1001172065 | 1 | Fuse 30Amp | |
| 3 | 8220164 | 1 | Terminal Ring | |
| 4 | 1001142938 | 1 | Connector | |
| 4 | 1001142940 | 2 | Terminal | |
| 4 | 1001142941 | 2 | Seal | |

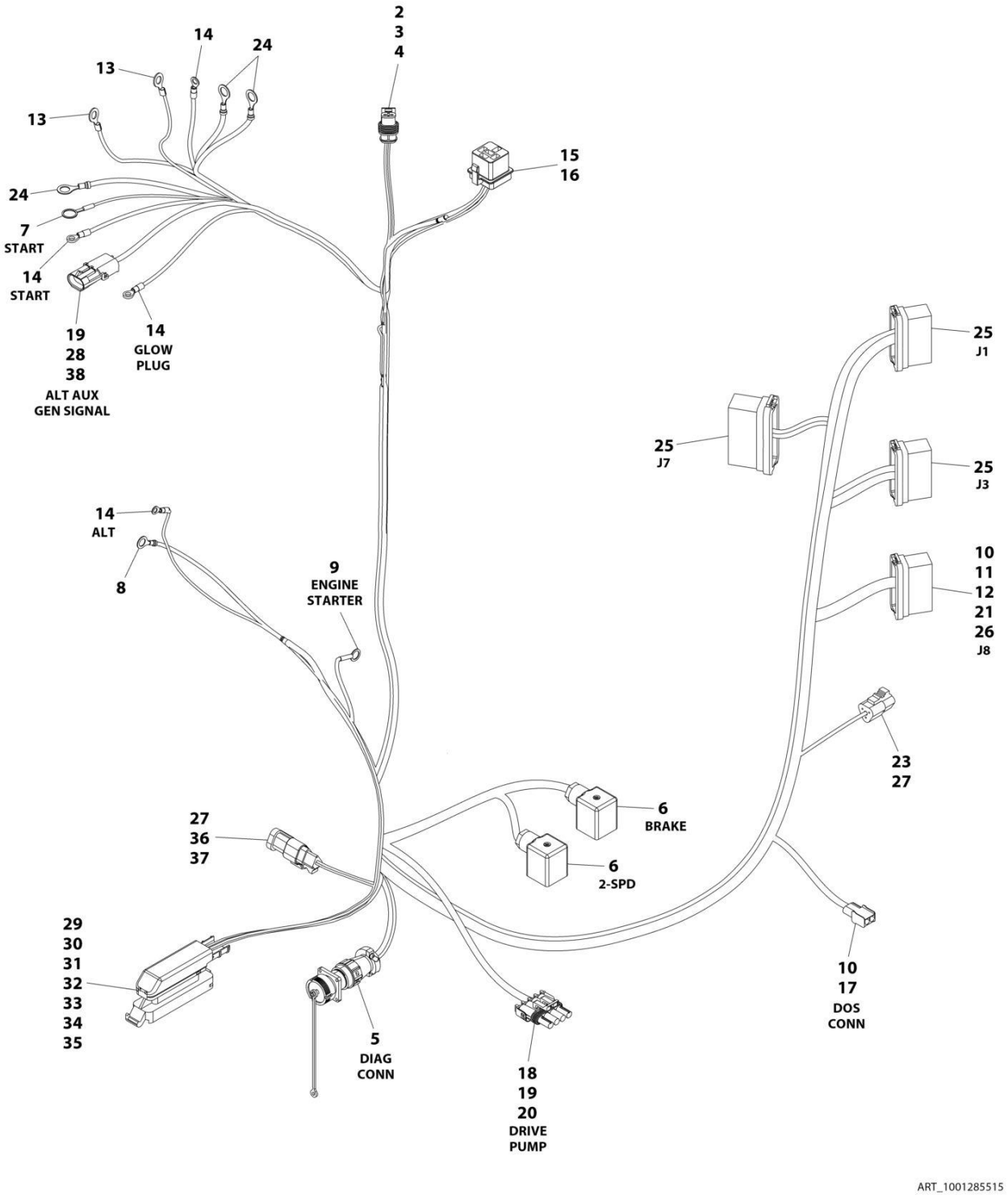
## FIGURE 8-62. ENGINE HARNESS - DEUTZ D2011 ENGINES (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)



## FIGURE 8-62. ENGINE HARNESS - DEUTZ D2011 ENGINES (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001154324 | Ref | ENGINE HARNESS - DEUTZ D2011 ENGINES | B |
| 9 | 4460142 | 1 | Terminal - Ring | |
| 17 | 4460424 | 1 | Connector - 2 Position | |
| 19 | 1001263923 | 2 | Connector, Din | |
| 20 | 4460312 | 2 | Terminal, Ring | |
| 21 | 4460313 | 4 | Terminal, Ring | |
| 22 | 4460019 | 1 | Terminal, Ring | |
| 23 | 4461070 | 1 | Connector - 3 Position | |
| 24 | 4460043 | 1 | Terminal, Ring 16 GA 1/4 Stud | |
| 25 | 4460539 | 1 | Position Plug, Male - 3 Position | |
| 26 | 4460944 | 6 | Socket, Female | |
| 28 | 4460460 | 1 | Connector - 4 Position | |
| 29 | 4460457 | 4 | Sleeve | |
| 30 | 4460458 | 6 | Seal | |
| 31 | 4460670 | 3 | Terminal, Ring | |
| 33 | 4461052 | 1 | Conenctor - 25 Position | |
| 34 | 4461005 | 5 | Terminal | |
| 35 | 4461060 | 2 | Terminal | |
| 36 | 4461006 | 5 | Seal | |
| 37 | 4461054 | 2 | Seal | |
| 38 | 4461008 | 18 | Plug, Terminal | |
| 39 | 4460871 | 10 | Socket, Female | |
| 42 | 4460464 | 1 | Terminal | |
| 43 | 4460887 | 1 | Terminal | |
| 47 | 4461053 | 1 | Cover | |
| 48 | 4461095 | 1 | Plug, Male - 3 Position | |
| 49 | 4460465 | 2 | Socket, Female | |
| 50 | 4460226 | 4 | Socket, Female | |
| 51 | 4460259 | 1 | Terminal | |
| 52 | 4460260 | 1 | Cover, Terminal | |
| 53 | 4460374 | 1 | Plug | |
| 54 | 4460375 | 4 | Terminal | |
| 58 | 1001102290 | 1 | Connector | |
| 59 | 1001102304 | 2 | Seal | |
| 60 | 1001102291 | 2 | Terminal | |
| 62 | 2902443 | 1 | Kit, Receptacle | |
| 62 | 4461073 | 1 | Cap, Dust | |
| 63 | 4461157 | 1 | Connector - 2 Position | |
| 64 | 4460979 | 2 | Pin, Male | |
| 66 | 4460897 | 1 | Connector | |
| 67 | 1001116693 | 2 | Socket, Female | |

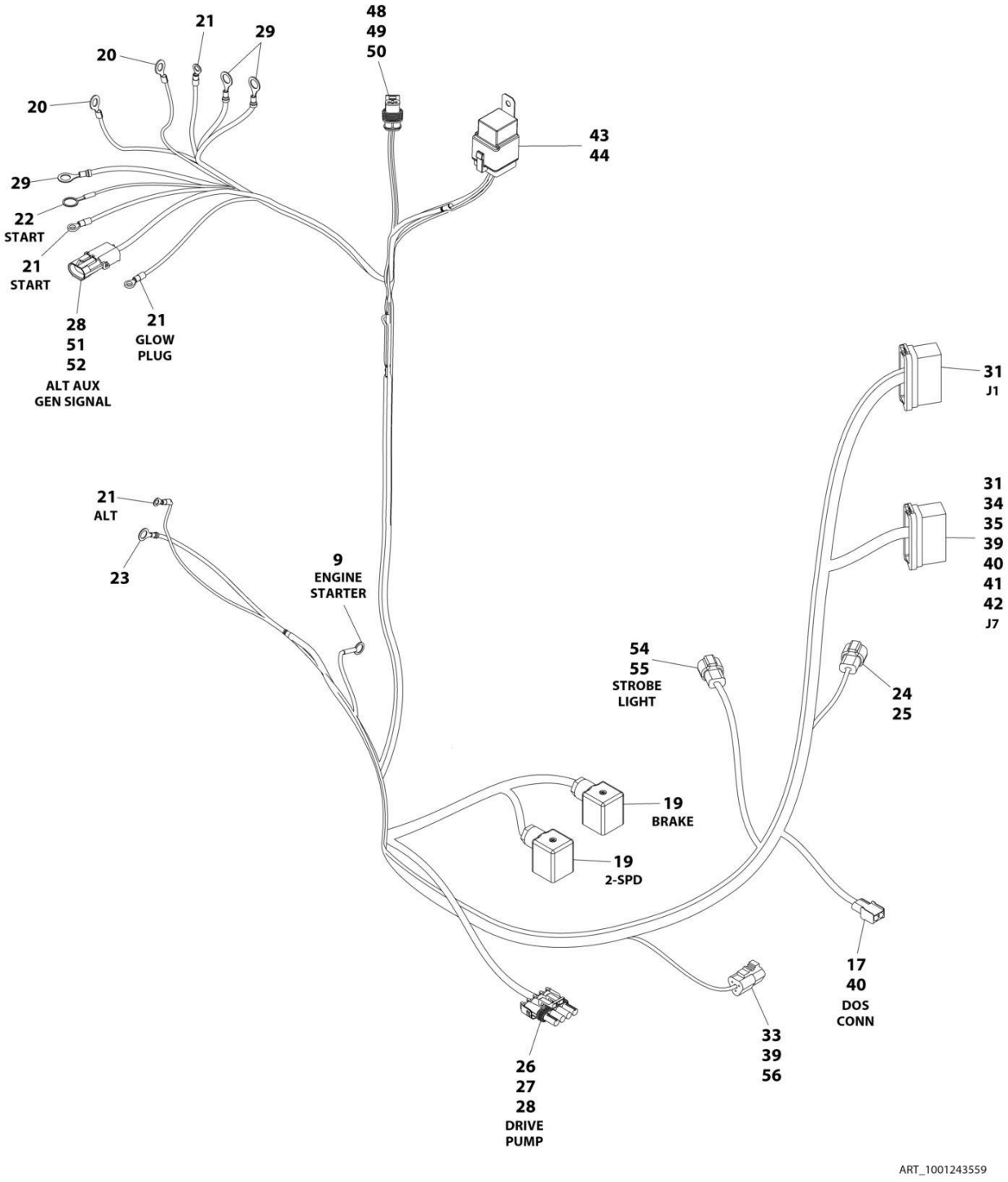
## FIGURE 8-63. ENGINE HARNESS - DEUTZ D2011 ENGINES (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)



## FIGURE 8-63. ENGINE HARNESS - DEUTZ D2011 ENGINES (ANSI EXPORT (LRC) AND AUSTRALIAN SPECS) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285515 | Ref | ENGINE HARNESS - DEUTZ D2011 ENGINES | A |
| 2 | 1001102290 | 1 | Connector | |
| 3 | 1001102291 | 2 | Terminal | |
| 4 | 1001102304 | 2 | Seal | |
| 5 | 2902443 | 1 | Kit, Receptacle | |
| 5 | 4461073 | 1 | Cap, Dust | |
| 6 | 1001263923 | 2 | Connector | |
| 7 | 4460019 | 1 | Terminal, Ring | |
| 8 | 4460043 | 1 | Terminal, Ring | |
| 9 | 4460142 | 1 | Terminal - Ring | |
| 10 | 4460226 | 4 | Socket | |
| 11 | 4460259 | 1 | Terminal | |
| 12 | 4460260 | 1 | Cover, Terminal | |
| 13 | 4460312 | 2 | Terminal, Ring | |
| 14 | 4460313 | 4 | Terminal, Ring | |
| 15 | 4460374 | 1 | Plug | |
| 16 | 4460375 | 4 | Terminal | |
| 17 | 4460424 | 1 | Connector | |
| 18 | 4460457 | 4 | Socket | |
| 19 | 4460458 | 6 | Seal | |
| 20 | 4460460 | 1 | Connector | |
| 21 | 4460465 | 2 | Socket | |
| 23 | 4460539 | 1 | Connector | |
| 24 | 4460670 | 3 | Terminal, Ring | |
| 25 | 4460871 | 10 | Socket | |
| 26 | 4460887 | 1 | Terminal | |
| 27 | 4460944 | 6 | Socket | |
| 28 | 4460979 | 2 | Terminal | |
| 29 | 4461005 | 5 | Terminal | |
| 30 | 4461006 | 5 | Seal | |
| 31 | 4461008 | 18 | Plug, Terminal | |
| 32 | 4461052 | 1 | Connector | |
| 33 | 4461053 | 1 | Cover, Plug | |
| 34 | 4461054 | 2 | Seal | |
| 35 | 4461060 | 2 | Terminal | |
| 36 | 4461070 | 1 | Connector | |
| 37 | 4461095 | 1 | Plug | |
| 38 | 4461157 | 1 | Connector | |

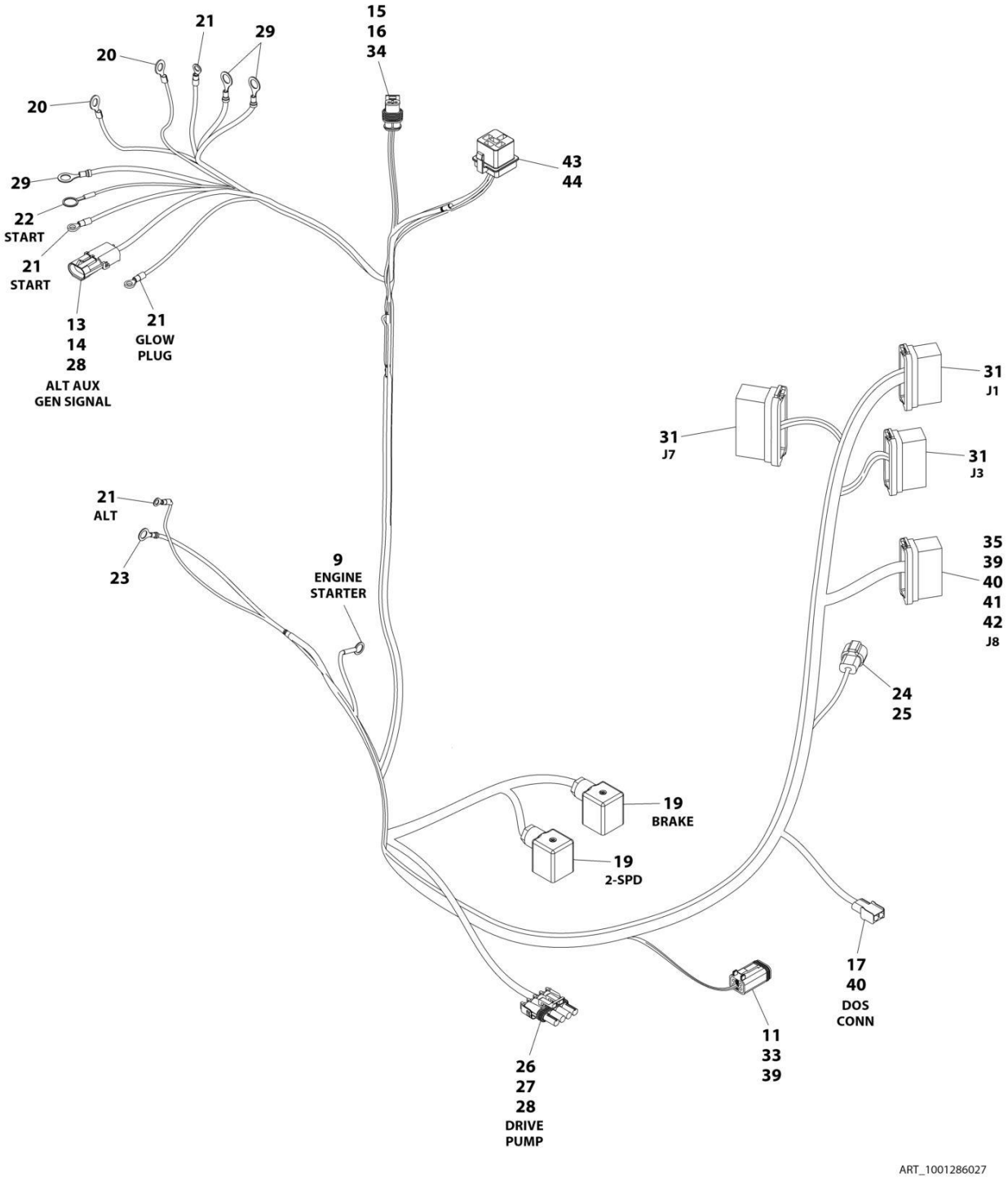
## FIGURE 8-64. ENGINE HARNESS - DEUTZ D2011 ENGINES (CE, CHINA & UK CA SPECS) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)



## FIGURE 8-64. ENGINE HARNESS - DEUTZ D2011 ENGINES (CE, CHINA & UK CA SPECS) (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243559 | Ref | ENGINE HARNESS - DEUTZ D2011 ENGINES | C |
| 9 | 4460142 | 1 | Terminal - Ring | |
| 17 | 4460424 | 1 | Connector - 2 Position | |
| 19 | 4460880 | 2 | Connector, Din | |
| 20 | 4460312 | 2 | Terminal, Ring | |
| 21 | 4460313 | 4 | Terminal, Ring | |
| 22 | 4460019 | 1 | Terminal, Ring | |
| 23 | 4460043 | 1 | Terminal, Ring 16 GA 1/4 Stud | |
| 24 | 4460539 | 1 | Position Plug, Male - 3 Position | |
| 25 | 4460944 | 3 | Socket, Female | |
| 26 | 4460460 | 1 | Connector - 4 Position | |
| 27 | 4460457 | 4 | Sleeve | |
| 28 | 4460458 | 6 | Seal | |
| 29 | 4460670 | 3 | Terminal, Ring | |
| 31 | 4460871 | 9 | Socket, Female | |
| 33 | 4460466 | 1 | Plug, Terminal | |
| 34 | 4460464 | 1 | Terminal | |
| 35 | 4460887 | 1 | Terminal | |
| 39 | 4460465 | 5 | Socket, Female | |
| 40 | 4460226 | 4 | Socket, Female | |
| 41 | 4460259 | 1 | Terminal | |
| 42 | 4460260 | 1 | Cover, Terminal | |
| 43 | 4460374 | 1 | Plug | |
| 44 | 4460375 | 4 | Terminal | |
| 48 | 1001102290 | 1 | Connector | |
| 49 | 1001102304 | 2 | Seal | |
| 50 | 1001102291 | 2 | Terminal | |
| 51 | 4461157 | 1 | Connector - 2 Position | |
| 52 | 4460979 | 2 | Pin, Male | |
| 54 | 4460897 | 1 | Connector | |
| 55 | 1001116693 | 2 | Socket, Female | |
| 56 | 4460884 | 1 | Connector - 4 Position | |

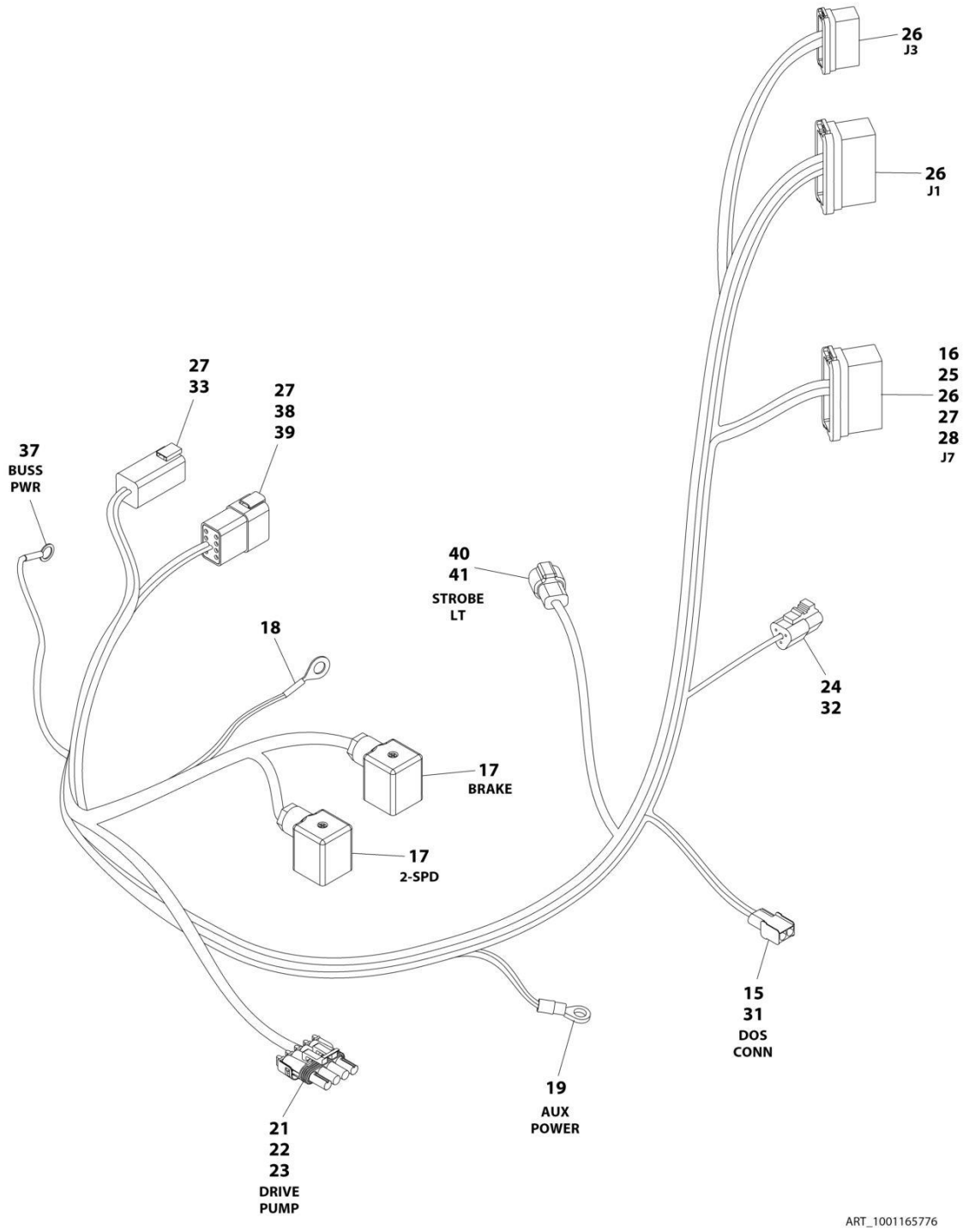
## FIGURE 8-65. ENGINE HARNESS - DEUTZ D2011 ENGINES (CE, CHINA & UK CA SPECS) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)



## FIGURE 8-65. ENGINE HARNESS - DEUTZ D2011 ENGINES (CE, CHINA & UK CA SPECS) (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001286027 | Ref | ENGINE HARNESS - DEUTZ D2011 ENGINES | A |
| 9 | 4460142 | 1 | Terminal - Ring | |
| 11 | 4460884 | 1 | Connector | |
| 13 | 4460979 | 2 | Pin | |
| 14 | 4461157 | 1 | Connector | |
| 15 | 1001102291 | 2 | Terminal | |
| 16 | 1001102304 | 2 | Seal | |
| 17 | 4460424 | 1 | Connector | |
| 19 | 4460880 | 2 | Connector | |
| 20 | 4460312 | 2 | Terminal, Ring | |
| 21 | 4460313 | 4 | Terminal, Ring | |
| 22 | 4460019 | 1 | Terminal, Ring | |
| 23 | 4460043 | 1 | Terminal, Ring | |
| 24 | 4460539 | 1 | Plug | |
| 25 | 4460944 | 3 | Socket | |
| 26 | 4460460 | 1 | Connector | |
| 27 | 4460457 | 4 | Sleeve | |
| 28 | 4460458 | 6 | Seal | |
| 29 | 4460670 | 3 | Terminal, Ring | |
| 31 | 4460871 | 9 | Socket | |
| 33 | 4460466 | 1 | Plug, Terminal | |
| 34 | 1001102290 | 1 | Connector | |
| 35 | 4460887 | 1 | Terminal | |
| 39 | 4460465 | 5 | Socket | |
| 40 | 4460226 | 4 | Socket | |
| 41 | 4460259 | 1 | Terminal | |
| 42 | 4460260 | 1 | Cover, Terminal | |
| 43 | 4460374 | 1 | Plug | |
| 44 | 4460375 | 4 | Terminal | |

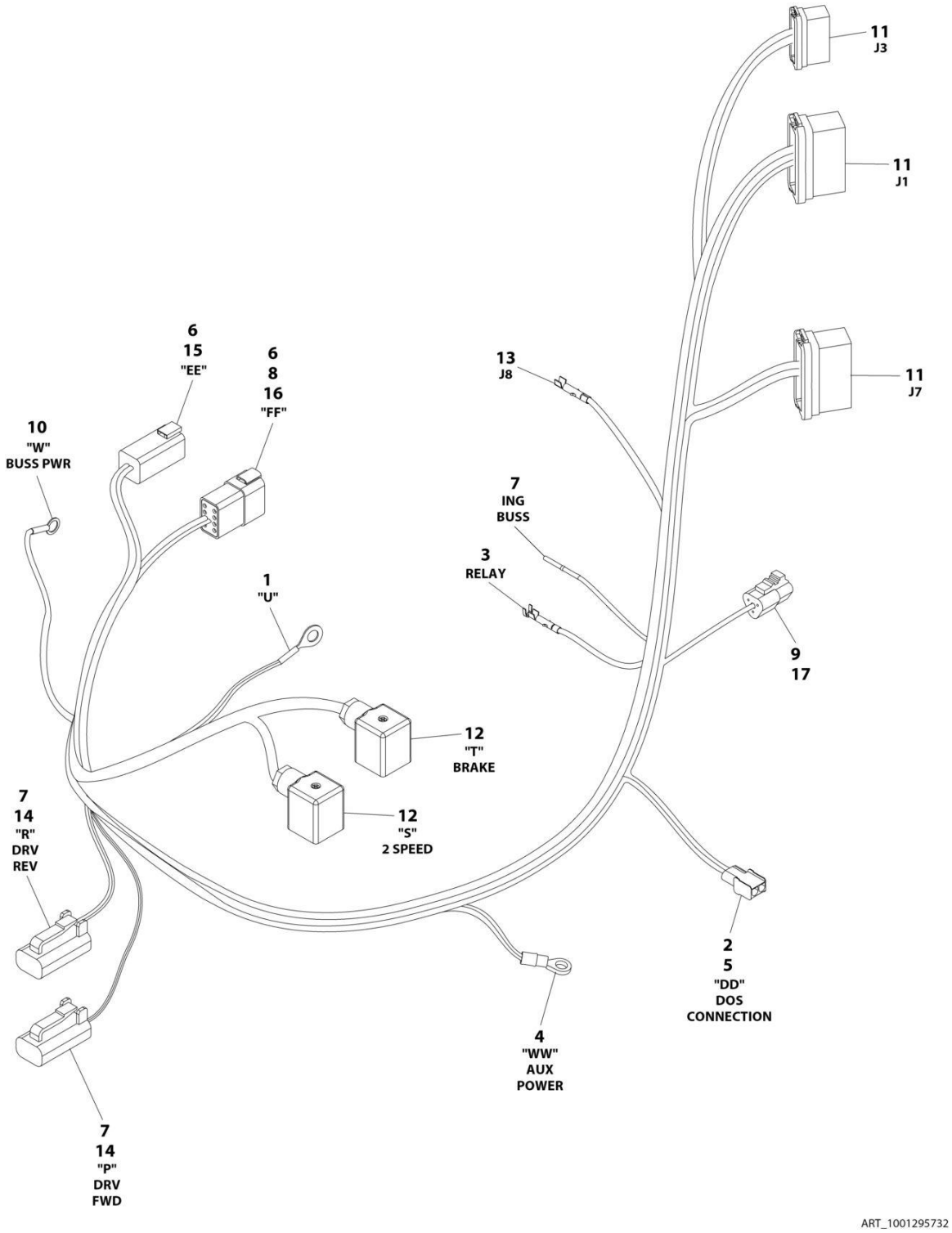
## FIGURE 8-66. ENGINE HARNESS - DEUTZ TD2.9L4 AND DEUTZ 2.9L4 (STAGE V) ENGINES (Prior to SN B300017904, Prior to SN 0300298220, Excluding 0300295807)



## FIGURE 8-66. ENGINE HARNESS - DEUTZ TD2.9L4 AND DEUTZ 2.9L4 (STAGE V) ENGINES (Prior to SN B300017904, Prior to SN 0300298220, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001165776 | Ref | ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES | F |
| 15 | 4460424 | 1 | Connector - 2 Position | |
| 16 | 4460268 | 1 | Socket, Female | |
| 17 | 4460880 | 2 | Connector, Din | |
| 18 | 4460019 | 1 | Terminal, Ring | |
| 19 | 4460313 | 1 | Terminal, Ring | |
| 21 | 4460460 | 1 | Connector | |
| 22 | 4460457 | 4 | Terminal | |
| 23 | 4460458 | 4 | Seal | |
| 24 | 4460539 | 1 | Connector - 3 Position | |
| 25 | 4460465 | 3 | Socket, Female | |
| 26 | 4460871 | 11 | Socket, Female | |
| 27 | 4460464 | 11 | Pin, Male | |
| 28 | 4460887 | 1 | Terminal | |
| 31 | 4460226 | 2 | Socket, Female | |
| 32 | 4460944 | 3 | Socket, Female | |
| 33 | 4460899 | 1 | Receptacle, Female - 6 Position | |
| 37 | 4460738 | 1 | Terminal, Ring | |
| 38 | 4460931 | 1 | Plug, Male | |
| 39 | 4460466 | 4 | Plug, Terminal | |
| 40 | 4460897 | 1 | Connector - 2 Position | |
| 41 | 1001116693 | 2 | Terminal | |

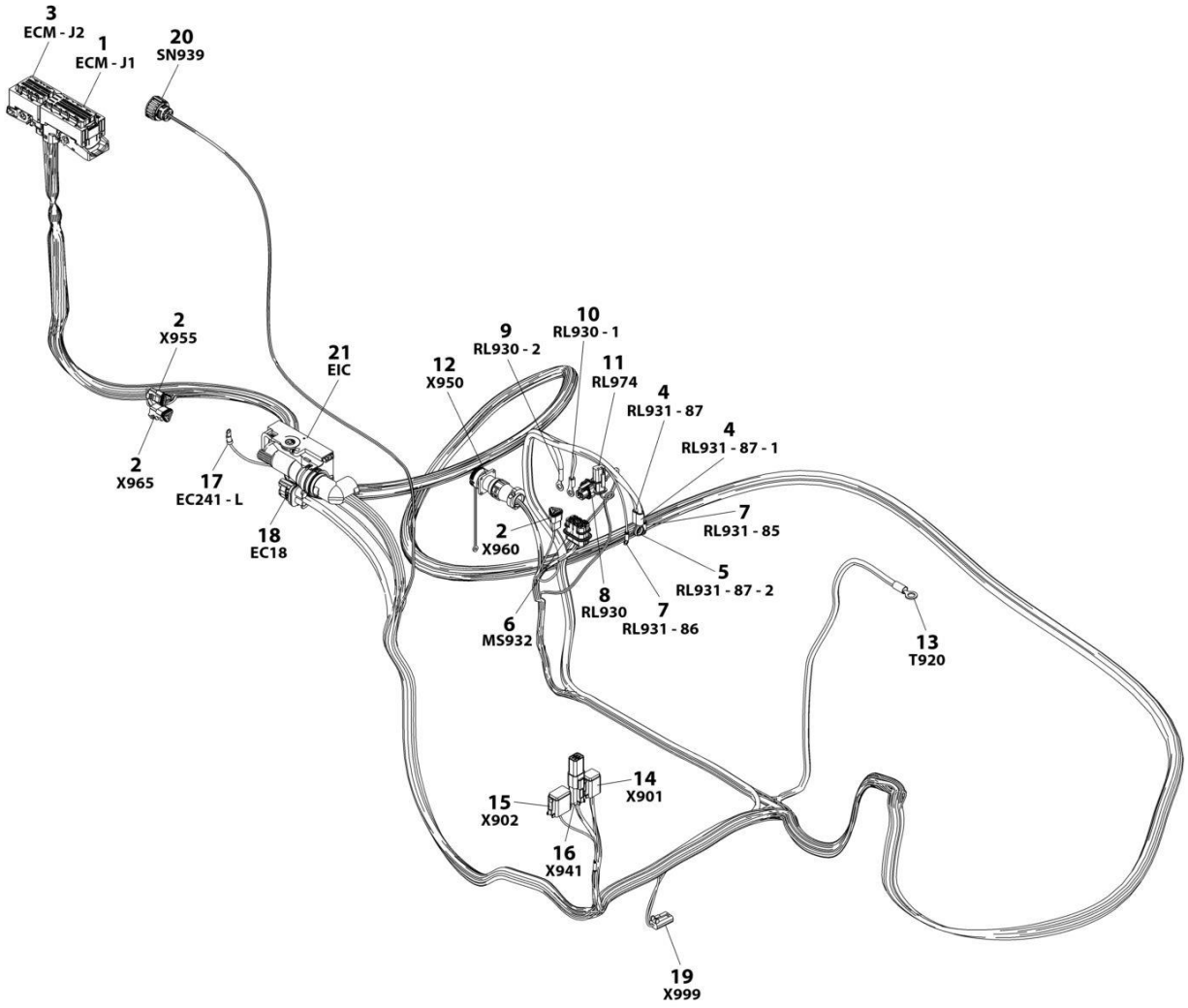
## FIGURE 8-67. GROUND CONTROL ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINE



## FIGURE 8-67. GROUND CONTROL ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001295732 | Ref | GROUND CONTROL ENGINE HARNESS | A |
| 1 | 4460019 | 1 | Ring, Terminal | |
| 2 | 4460226 | 2 | Socket | |
| 3 | 4460268 | 1 | Socket | |
| 4 | 4460313 | 1 | Ring, Terminal | |
| 5 | 4460424 | 1 | Connector | |
| 6 | 4460464 | 10 | Pin | |
| 7 | 4460465 | 7 | Pin | |
| 8 | 4460466 | 4 | Plug | |
| 9 | 4460539 | 1 | Connector | |
| 10 | 4460738 | 1 | Ring, Terminal | |
| 11 | 4460871 | 11 | Socket | |
| 12 | 4460880 | 2 | Connector | |
| 13 | 4460887 | 1 | Socket | |
| 14 | 4460891 | 2 | Connector | |
| 15 | 4460899 | 1 | Connector | |
| 16 | 4460931 | 1 | Connector | |
| 17 | 4460944 | 3 | Pin | |

## FIGURE 8-68. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES



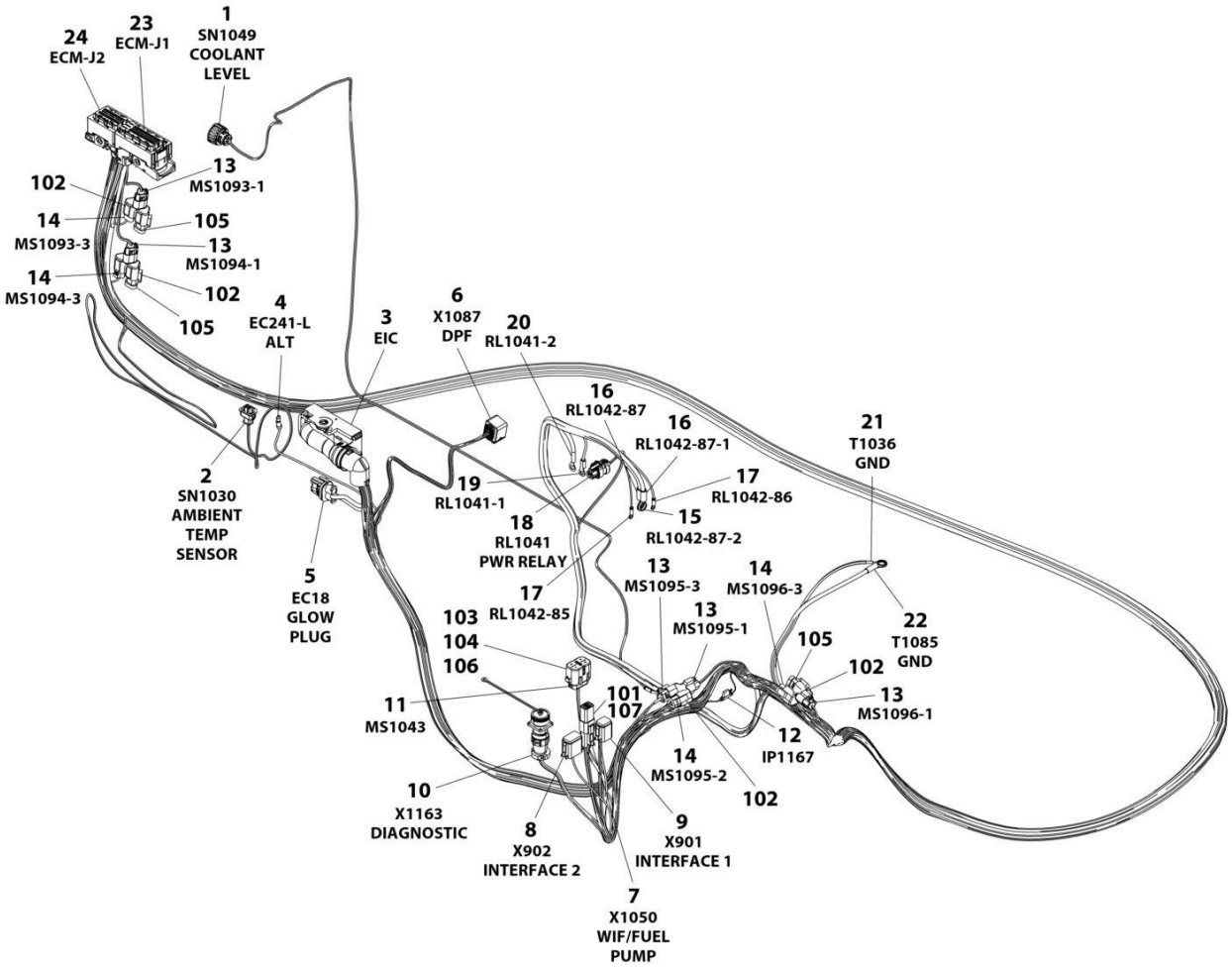
## FIGURE 8-68. ENGINE HARNESS - DEUTZ TD2.9L4 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143726 | Ref | ENGINE HARNESS | L |
| 1 | 1001133956 | 1 | Connector - 94 Position | |
| 1 | 1001126351 | 2 | Terminal | |
| 1 | 1001126352 | 6 | Terminal | |
| 1 | 1001126384 | 21 | Terminal | |
| 1 | 1001126357 | 2 | Plug, Terminal | |
| 1 | 1001126356 | 63 | Plug, Terminal | |
| 2 | 4461095 | 3 | Plug, Male - 3 Position | |
| 2 | 4460944 | 6 | Socket, Female | |
| 2 | 4460466 | 3 | Plug, Terminal | |
| 3 | 1001133957 | 1 | Connector - 60 Position | |
| 3 | 1001126351 | 13 | Terminal | |
| 3 | 1001126384 | 17 | Terminal | |
| 3 | 1001126357 | 11 | Plug, Terminal | |
| 3 | 1001126356 | 19 | Plug, Terminal | |
| 4 | 1001117107 | 2 | Terminal, Ring | |
| 5 | 4460703 | 1 | Terminal, Ring | |
| 6 | 80484084 | 1 | Plug, Male - 8 Position | |
| 6 | 8229242 | 1 | Fuse - 5Amp | |
| 6 | 80983191 | 1 | Fuse - 10Amp | |
| 6 | 1001116728 | 4 | Socket, Female | |
| 6 | 1001116727 | 4 | Plug, Terminal | |
| 6 | 4460458 | 4 | Seal, Terminal | |
| 6 | 1001147264 | 1 | Cap | |
| 7 | 4460247 | 2 | Terminal, Ring | |
| 8 | 1001116952 | 1 | Plug, Male - 2 Position | |
| 8 | 4460465 | 2 | Socket, Female | |
| 9 | 1001117106 | 1 | Terminal, Ring | |
| 10 | 4460043 | 1 | Terminal, Ring | |
| 11 | 1001138110 | 1 | Connector - 2 Position | |
| 11 | 1001138111 | 2 | Termianl | |
| 11 | 1001138113 | 2 | Seal | |
| 12 | 2902443 | 1 | Receptacle Kit | |
| 12 | 4461073 | 1 | Cap, Dust | |
| 12 | 4461071 | 6 | Terminal | |
| 13 | 8220115 | 1 | Terminal, Ring | |
| 14 | 4460894 | 1 | Plug, Male - 6 Position | |
| 14 | 4460465 | 3 | Socket, Female | |
| 14 | 4460944 | 2 | Socket, Female | |
| 14 | 4460466 | 1 | Plug, Terminal | |
| 15 | 4460930 | 1 | Plug, Male - 8 Position | |
| 15 | 4460465 | 1 | Socket, Female | |
| 15 | 4460466 | 7 | Plug, Terminal | |
| 16 | 1001220379 | 1 | Plug, Male - 4 Position | |
| 16 | 4460465 | 2 | Socket, Female | |
| 16 | 4460942 | 2 | Socket, Female | |
| 16 | 4460932 | 1 | Receptacle, Bussbar - 4 Position | |
| 17 | 4460042 | 1 | Terminal, Ring | |
| 18 | 1001142938 | 1 | Plug, Male - 2 Position | |
| 18 | 1001142940 | 2 | Terminal | |

# SECTION 8 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 18 | 1001142941 | 2 | Seal | |
| 19 | 4460891 | 1 | Plug, Male - 4 Position | |
| 19 | 4460465 | 2 | Socket, Female | |
| 19 | 1001171403 | 1 | Resistor Assembly | |
| 19 | 4460897 | 1 | Receptacle, Female - 4 Position | |
| 20 | 1001133714 | 1 | Connector - 4 Position | |
| 20 | 1001133715 | 3 | Terminal | |
| 20 | 1001135650 | 3 | Seal, Terminal | |
| 20 | 1001135651 | 1 | Plug, Terminal | |
| 21 | 1001126362 | 1 | Connector - 62 Position | |
| 21 | 1001126363 | 23 | Terminal | |
| 21 | 1001126392 | 10 | Terminal | |
| 21 | 1001126365 | 2 | Terminal | |
| 21 | 1001126391 | 23 | Plug, Terminal | |
| 21 | 4461008 | 4 | Plug, Terminal | |
| 21 | 1001256506 | 2 | Seal, Terminal | |
| 21 | 1001126364 | 21 | Seal, Terminal | |
| 21 | 1001223459 | 10 | Seal, Terminal | |
| 21 | 4461008 | 4 | Plug, Terminal | |
| 21 | 1001151856 | 1 | Elbow | |

## FIGURE 8-69. ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V & CHINA IV) ENGINES (Prior to SN B300017278)




ART_1001238878

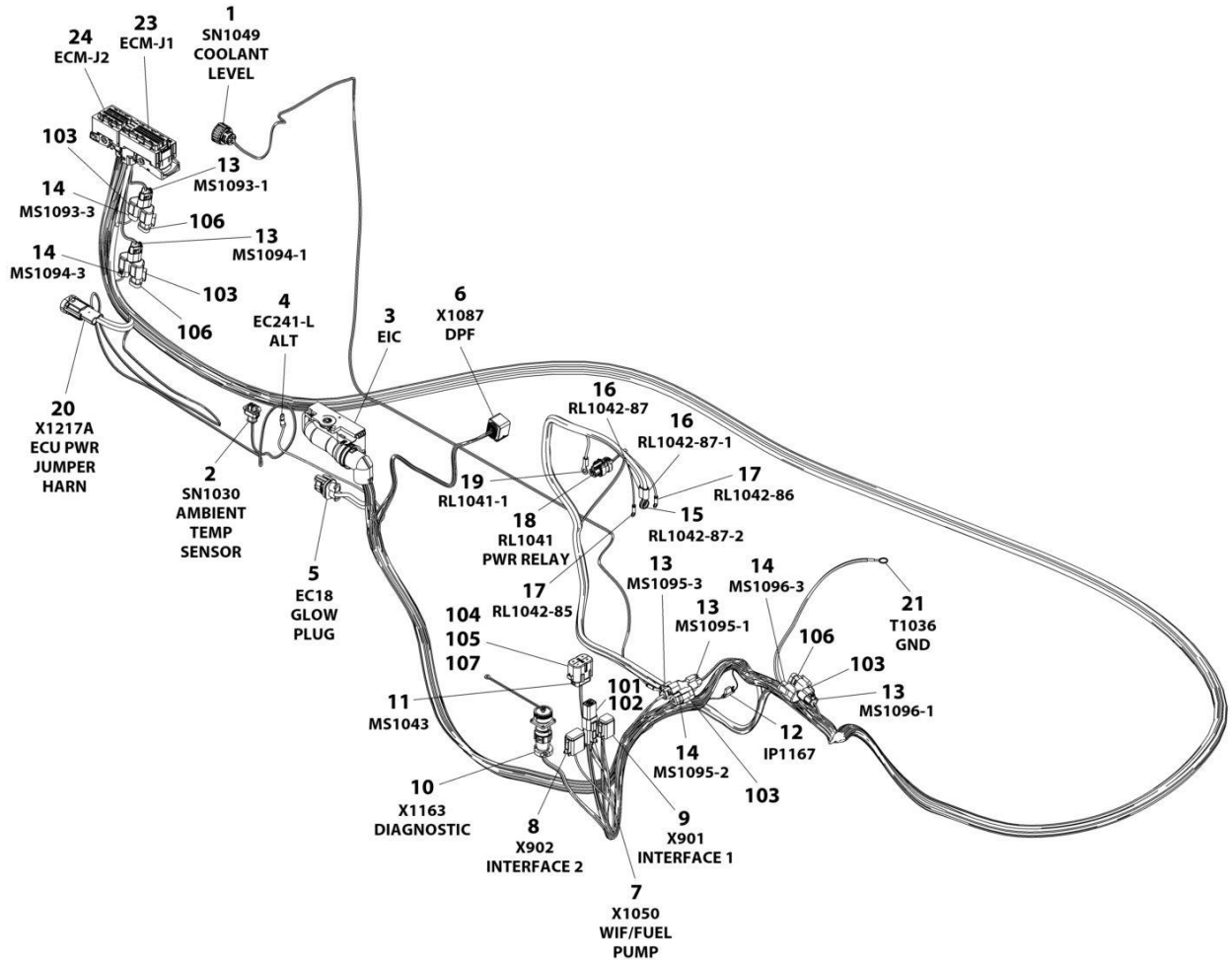
## FIGURE 8-69. ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V & CHINA IV) ENGINES (Prior to SN B300017278)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238878 | Ref | Engine Harness - Deutz Engines | F |
| 1 | 1001133714 | 1 | Connector - 4 Position | |
| 1 | 1001133715 | 3 | Terminal | |
| 1 | 1001135650 | 3 | Seal, Terminal | |
| 1 | 1001135651 | 1 | Plug, Terminal | |
| 2 | 1001126487 | 1 | Connector - 2 Position | |
| 2 | 1001167635 | 2 | Terminal | |
| 2 | 1001126485 | 2 | Seal, Terminal | |
| 3 | 1001126362 | 1 | Connector - 62 Position | |
| 3 | 1001126363 | 37 | Terminal | |
| 3 | 1001126392 | 12 | Terminal | |
| 3 | 1001126391 | 7 | Plug, Terminal | |
| 3 | 4461008 | 4 | Plug, Terminal | |
| 3 | 1001167632 | 2 | Terminal | |
| 3 | 1001126364 | 37 | Seal, Terminal | |
| 3 | 1001223459 | 12 | Seal, Terminal | |
| 3 | 4461054 | 2 | Seal, Terminal | |
| 4 | 4460042 | 1 | Terminal, Ring | |
| 5 | 1001142938 | 1 | Plug, Male - 2 Position | |
| 5 | 1001142940 | 2 | Terminal | |
| 5 | 1001142941 | 2 | Seal | |
| 6 | 1001239202 | 1 | Connector - 8 Position | |
| 6 | 1001126363 | 7 | Terminal | |
| 6 | 1001126391 | 1 | Plug, Terminal | |
| 6 | 1001126364 | 7 | Seal, Terminal | |
| 7 | 4460884 | 1 | Connector - 4 Position | |
| 7 | 4460465 | 2 | Socket, Female | |
| 7 | 4460942 | 2 | Socket, Female | |
| 8 | 4460930 | 1 | Plug, Male - 8 Position | |
| 8 | 4460465 | 1 | Socket, Female | |
| 8 | 4460466 | 7 | Plug, Terminal | |
| 9 | 4460894 | 1 | Plug, Male - 6 Position | |
| 9 | 4460465 | 2 | Socket, Female | |
| 9 | 4460944 | 2 | Socket, Female | |
| 9 | 4460466 | 2 | Plug, Terminal | |
| 10 | 2902443 | 1 | Receptacle Kit | |
| 10 | 4461073 | 1 | Cap, Dust | |
| 10 | 4461071 | 6 | Terminal | |
| 11 | 80484084 | 1 | Plug, Male - 8 Position | |
| 11 | 4460748 | 4 | Seal, Terminal | |
| 11 | 4460746 | 3 | Terminal | |
| 11 | 1001234800 | 1 | Terminal | |
| 11 | 4460458 | 4 | Seal, Terminal | |
| 12 | 1001170764 | 1 | Fuse Holder, Includes Resistor | |
| 12 | 1001197719 | 1 | Resistor 0.5W | |
| 13 | 1001116812 | 5 | Plug, Male - 3 Position | |
| 13 | 4460944 | 10 | Socket, Female | |
| 13 | 4460466 | 5 | Plug, Terminal | |
| 14 | 4460539 | 4 | Connector - 3 Position | |

# SECTION 8 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 14 | 4460944 | 8 | Socket, Female | |
| 14 | 4460466 | 4 | Plug, Terminal | |
| 15 | 4460703 | 1 | Terminal, Ring | |
| 16 | 1001117107 | 2 | Terminal, Ring | |
| 17 | 4460247 | 2 | Terminal, Ring | |
| 18 | 1001116952 | 1 | Plug, Male - 2 Position | |
| 18 | 4460465 | 2 | Socket, Female | |
| 19 | 4460043 | 1 | Terminal, Ring | |
| 20 | 1001117106 | 1 | Terminal, Ring | |
| 21 | 4460019 | 1 | Terminal, Ring | |
| 22 | 8220164 | 1 | Terminal, Ring | |
| 23 | 1001133956 | 1 | Connector - 94 Position | |
| 23 | 1001126351 | 3 | Terminal | |
| 23 | 1001182361 | 6 | Terminal | |
| 23 | 1001230934 | 25 | Terminal | |
| 23 | 1001230935 | 55 | Plug, Terminal | |
| 23 | 1001252527 | 4 | Terminal | |
| 23 | 1001230936 | 1 | Plug, Terminal | |
| 23 | 1001182365 | 6 | Seal, Terminal | |
| 24 | 1001133957 | 1 | Connector - 60 Position | |
| 24 | 1001126351 | 13 | Terminal | |
| 24 | 1001230935 | 10 | Plug, Terminal | |
| 24 | 1001230934 | 26 | Terminal | |
| 24 | 1001230936 | 11 | Plug, Terminal | |
| 101 | 4460932 | 1 | Connector - Female | |
| 102 | 4460945 | 4 | Receptacle, 3 Way | |
| 103 | 8229242 | 1 | Fuse - 5Amp | |
| 104 | 80983191 | 1 | Fuse - 10Amp | |
| 105 | 1001116815 | 3 | Connector | |
| 106 | 1001147264 | 1 | Cap | |
| 107 | 4460466 | 4 | Seal, Terminal | |

## FIGURE 8-70. ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V & CHINA IV) ENGINES (SN STARTING WITH 03 & B300017278 TO PRESENT)




ART_1001276644

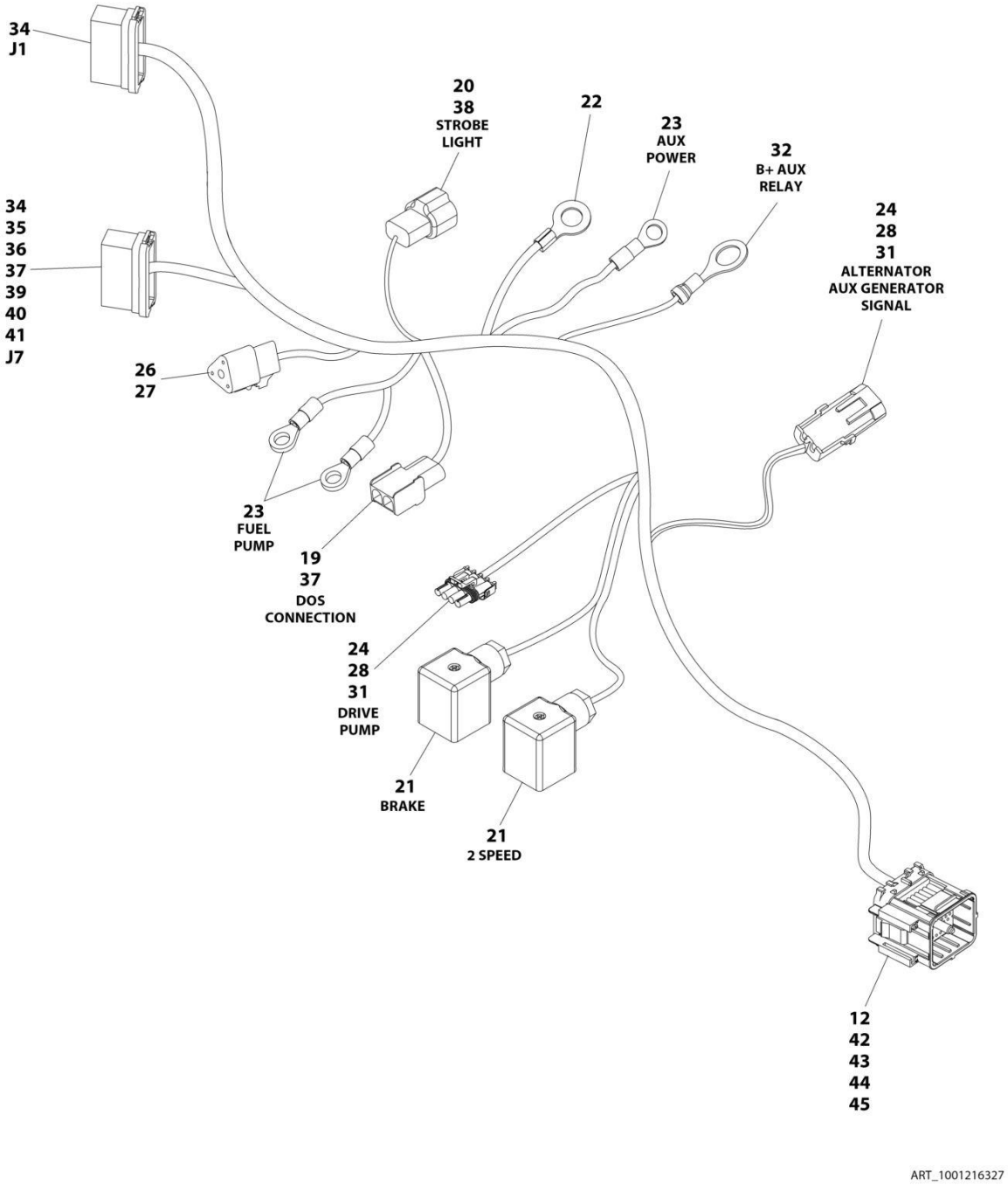
## FIGURE 8-70. ENGINE HARNESS - DEUTZ TD2.9L4 (STAGE V & CHINA IV) ENGINES (SN STARTING WITH 03 & B300017278 TO PRESENT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001276644 | Ref | Engine Harness - Deutz Engines | B |
| 1 | 1001133714 | 1 | Connector | |
| 1 | 1001133715 | 3 | Terminal | |
| 1 | 1001135650 | 3 | Seal, Terminal | |
| 1 | 1001135651 | 1 | Plug, Terminal | |
| 2 | 1001126487 | 1 | Connector | |
| 2 | 1001167635 | 2 | Terminal | |
| 2 | 1001126485 | 2 | Seal, Terminal | |
| 3 | 1001126362 | 1 | Connector | |
| 3 | 1001126363 | 37 | Terminal | |
| 3 | 1001126392 | 12 | Terminal | |
| 3 | 1001126391 | 7 | Plug, Terminal | |
| 3 | 4461008 | 4 | Plug, Terminal | |
| 3 | 1001167632 | 2 | Terminal | |
| 3 | 1001126364 | 37 | Seal, Terminal | |
| 3 | 1001223459 | 12 | Seal, Terminal | |
| 3 | 4461054 | 2 | Seal, Terminal | |
| 4 | 4460042 | 1 | Terminal, Ring | |
| 5 | 1001142938 | 1 | Plug | |
| 5 | 1001142940 | 2 | Terminal | |
| 5 | 1001142941 | 2 | Seal | |
| 6 | 1001239202 | 1 | Connector | |
| 6 | 1001126363 | 7 | Terminal | |
| 6 | 1001126391 | 1 | Plug, Terminal | |
| 6 | 1001126364 | 7 | Seal, Terminal | |
| 7 | 4460884 | 1 | Connector | |
| 7 | 4460465 | 2 | Socket | |
| 7 | 4460942 | 2 | Socket | |
| 8 | 4460930 | 1 | Plug | |
| 8 | 4460465 | 1 | Socket | |
| 8 | 4460466 | 7 | Plug, Terminal | |
| 9 | 4460894 | 1 | Plug | |
| 9 | 4460465 | 2 | Socket | |
| 9 | 4460944 | 2 | Socket | |
| 9 | 4460466 | 2 | Plug, Terminal | |
| 10 | 2902443 | 1 | Receptacle Kit | |
| 10 | 4461073 | 1 | Cap, Dust | |
| 10 | 4461071 | 6 | Terminal | |
| 11 | 80484084 | 1 | Plug | |
| 11 | 4460748 | 4 | Seal, Terminal | |
| 11 | 4460746 | 3 | Terminal | |
| 11 | 1001234800 | 1 | Terminal | |
| 11 | 4460458 | 4 | Seal, Terminal | |
| 12 | 1001170764 | 1 | Fuse Holder, Includes Resistor | |
| 12 | 1001197719 | 1 | Resistor 0.5W | |
| 13 | 1001116812 | 5 | Plug | |
| 13 | 4460944 | 10 | Socket | |
| 13 | 4460466 | 5 | Plug, Terminal | |
| 14 | 4460539 | 4 | Connector | |

# SECTION 8 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 14 | 4460944 | 8 | Socket | |
| 14 | 4460466 | 4 | Plug, Terminal | |
| 15 | 4460703 | 1 | Terminal, Ring | |
| 16 | 1001117107 | 2 | Terminal, Ring | |
| 17 | 4460247 | 2 | Terminal, Ring | |
| 18 | 1001116952 | 1 | Plug | |
| 18 | 4460465 | 2 | Socket | |
| 19 | 4460043 | 1 | Terminal, Ring | |
| 20 | 1001289552 | 1 | Connector | |
| 20 | 1001289553 | 2 | Socket | |
| 20 | 1001142941 | 2 | Seal | |
| 21 | 4460019 | 1 | Terminal, Ring | |
| 23 | 1001133956 | 1 | Connector | |
| 23 | 1001126351 | 3 | Terminal | |
| 23 | 1001182361 | 6 | Terminal | |
| 23 | 1001230934 | 25 | Terminal | |
| 23 | 1001230935 | 55 | Plug, Terminal | |
| 23 | 1001252527 | 4 | Terminal | |
| 23 | 1001230936 | 1 | Plug, Terminal | |
| 23 | 1001182365 | 6 | Seal, Terminal | |
| 24 | 1001133957 | 1 | Connector | |
| 24 | 1001126351 | 13 | Terminal | |
| 24 | 1001230935 | 10 | Plug, Terminal | |
| 24 | 1001230934 | 26 | Terminal | |
| 24 | 1001230936 | 11 | Plug, Terminal | |
| 101 | 4460466 | 4 | Seal, Terminal | |
| 102 | 4460932 | 1 | Connector | |
| 103 | 4460945 | 4 | Receptacle | |
| 104 | 8229242 | 1 | Fuse - 5Amp | |
| 105 | 80983191 | 1 | Fuse - 10Amp | |
| 106 | 1001116815 | 3 | Connector | |
| 107 | 1001147264 | 1 | Cap | |

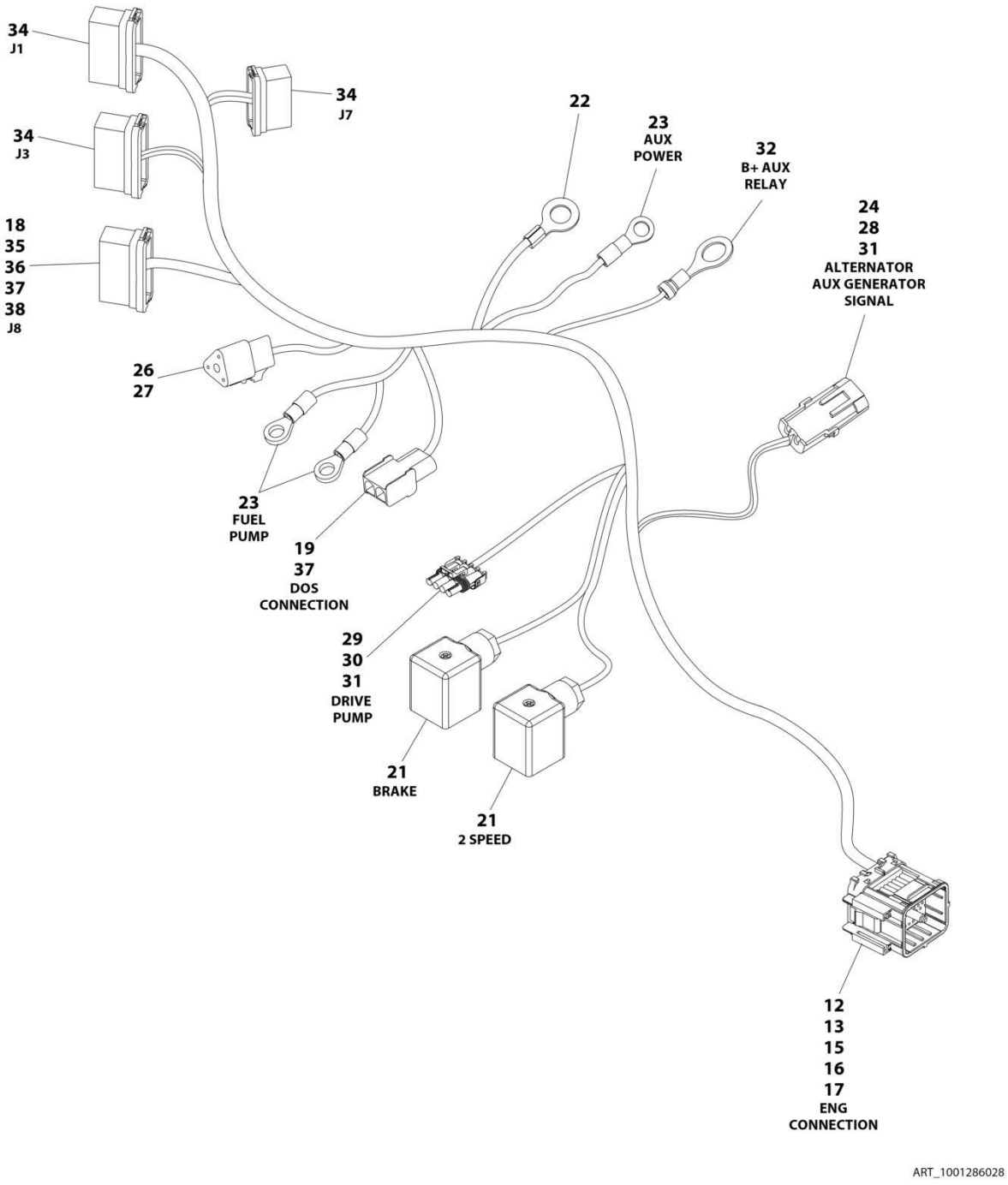
## FIGURE 8-71. ENGINE HARNESS - FORD DF 2.5L ENGINES (Prior to SN 0300298220, Excluding 0300295807)



## FIGURE 8-71. ENGINE HARNESS - FORD DF 2.5L ENGINES (Prior to SN 0300298220, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216327 | Ref | ENGINE HARNESS - FORD DF 2.5L ENGINES | C |
| 12 | 1001216213 | 3 | Plug, Terminal | |
| 18 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 19 | 4460424 | 1 | Connector - 2 Position | |
| 20 | 1001116693 | 2 | Socket, Female | |
| 21 | 4460880 | 2 | Connector, Din | |
| 22 | 4460312 | 1 | Terminal, Ring | |
| 23 | 4460313 | 3 | Terminal, Ring | |
| 24 | 4460979 | 2 | Pin, Male | |
| 26 | 4460539 | 1 | Connector - 3 Position | |
| 27 | 4460944 | 3 | Socket, Female | |
| 28 | 4461157 | 1 | Connector - 2 Position | |
| 29 | 4460460 | 1 | Connector - 4 Position | |
| 30 | 4460457 | 4 | Terminal | |
| 31 | 4460458 | 6 | Seal | |
| 32 | 4460738 | 1 | Terminal, Ring | |
| 34 | 4460871 | 9 | Socket, Female | |
| 35 | 4460464 | 1 | Pin, Male | |
| 36 | 4460887 | 1 | Terminal | |
| 37 | 4460226 | 3 | Socket, Female | |
| 38 | 4460897 | 1 | Connector - 2 Position | |
| 39 | 4460465 | 2 | Socket, Female | |
| 40 | 4460259 | 1 | Terminal (Not Shown) | |
| 41 | 4460260 | 1 | Cover, Terminal (Not Shown) | |
| 42 | 1001215016 | 1 | Connector - 42 Position | |
| 43 | 1001215091 | 5 | Terminal, Male | |
| 44 | 1001215534 | 33 | Plug, Terminal | |
| 45 | 1001216212 | 1 | Terminal, Male | |

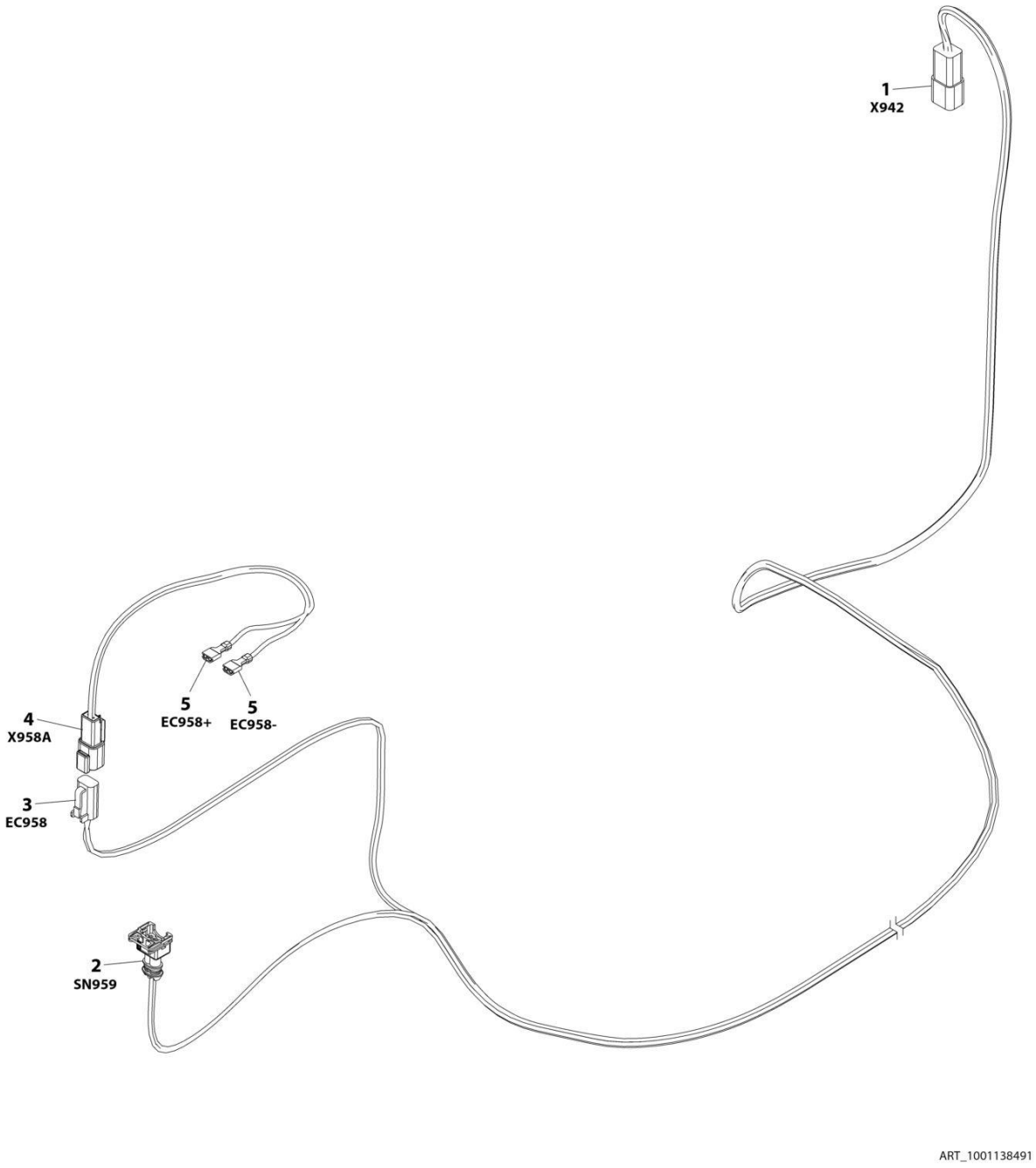
## FIGURE 8-72. ENGINE HARNESS - FORD DF 2.5L ENGINES (SN 0300298220 to Present, Including 0300295807)



## FIGURE 8-72. ENGINE HARNESS - FORD DF 2.5L ENGINES (SN 0300298220 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001286028 | Ref | ENGINE HARNESS - FORD DF 2.5L ENGINES | B |
| 12 | 1001216213 | 3 | Plug, Terminal | |
| 13 | 1001216212 | 1 | Terminal | |
| 15 | 1001215534 | 33 | Plug, Terminal | |
| 16 | 1001215091 | 5 | Terminal | |
| 17 | 1001215016 | 1 | Connector | |
| 18 | 4460260 | 1 | Cover, Terminal | |
| 19 | 4460424 | 1 | Connector | |
| 21 | 4460880 | 2 | Connector | |
| 22 | 4460312 | 1 | Terminal, Ring | |
| 23 | 4460313 | 3 | Terminal, Ring | |
| 24 | 4460979 | 2 | Pin | |
| 26 | 4460539 | 1 | Connector | |
| 27 | 4460944 | 3 | Socket | |
| 28 | 4461157 | 1 | Connector | |
| 29 | 4460460 | 1 | Connector | |
| 30 | 4460457 | 4 | Terminal | |
| 31 | 4460458 | 6 | Seal | |
| 32 | 4460738 | 1 | Terminal, Ring | |
| 34 | 4460871 | 9 | Socket | |
| 35 | 4460259 | 1 | Terminal | |
| 36 | 4460887 | 1 | Terminal | |
| 37 | 4460226 | 3 | Socket | |
| 38 | 4460465 | 2 | Socket | |

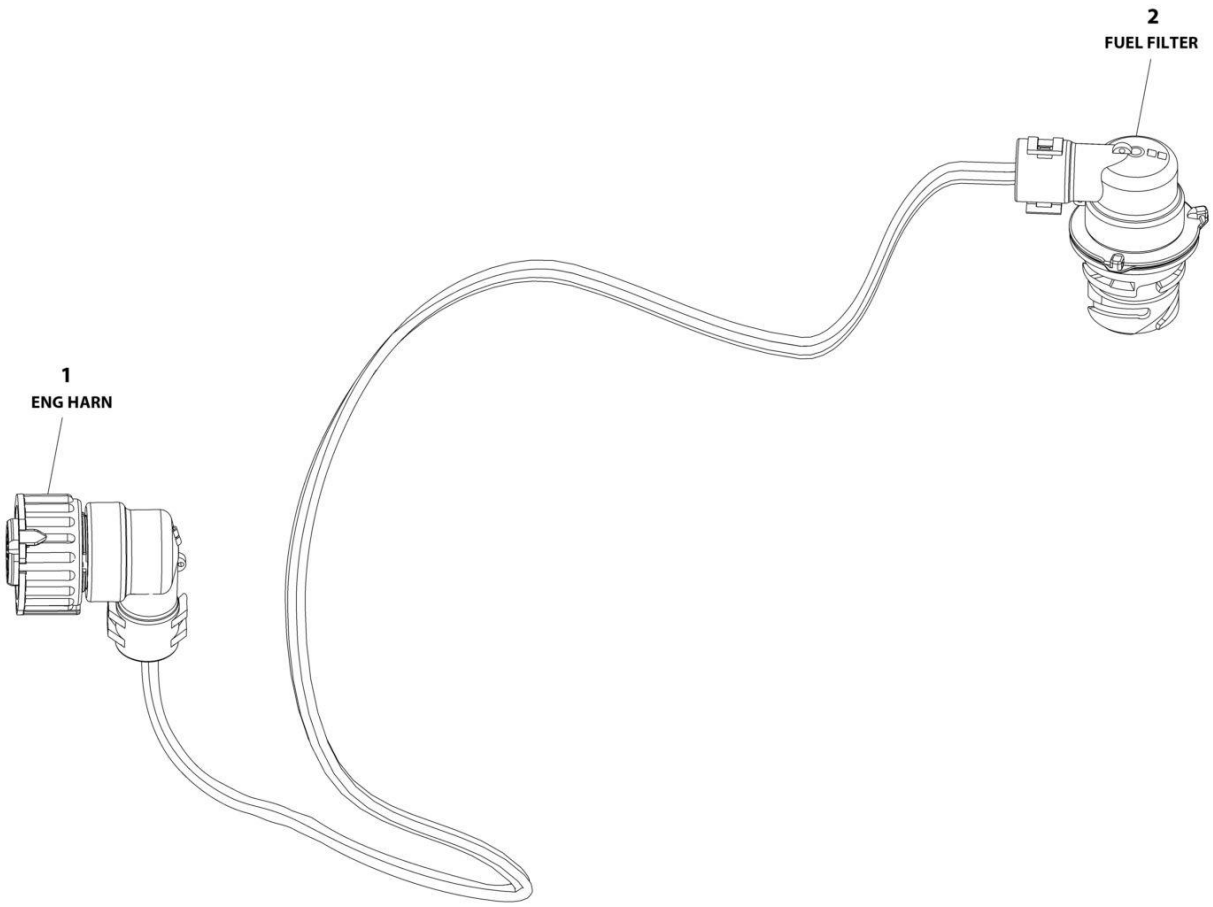
## FIGURE 8-73. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINES



## FIGURE 8-73. FUEL PUMP HARNESS - DEUTZ TD2.9L4 ENGINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001138491 | Ref | FUEL PUMP HARNESS | D |
| 1 | 4460932 | 1 | Receptacle, Female - 4 Position | |
| 1 | 4460941 | 2 | Pin, Male | |
| 1 | 4460464 | 2 | Pin, Male | |
| 2 | 1001116983 | 1 | Plug, Male - 2 Position | |
| 2 | 1001116710 | 2 | Socket, Female | |
| 2 | 4461054 | 2 | Seal | |
| 3 | 4460891 | 1 | Plug, Male - 2 Position | |
| 3 | 4460942 | 2 | Socket, Female | |
| 4 | 4460897 | 1 | Connector - 2 Position | |
| 4 | 4460941 | 2 | Pin, Male | |
| 5 | 8220051 | 2 | Terminal, Ring | |

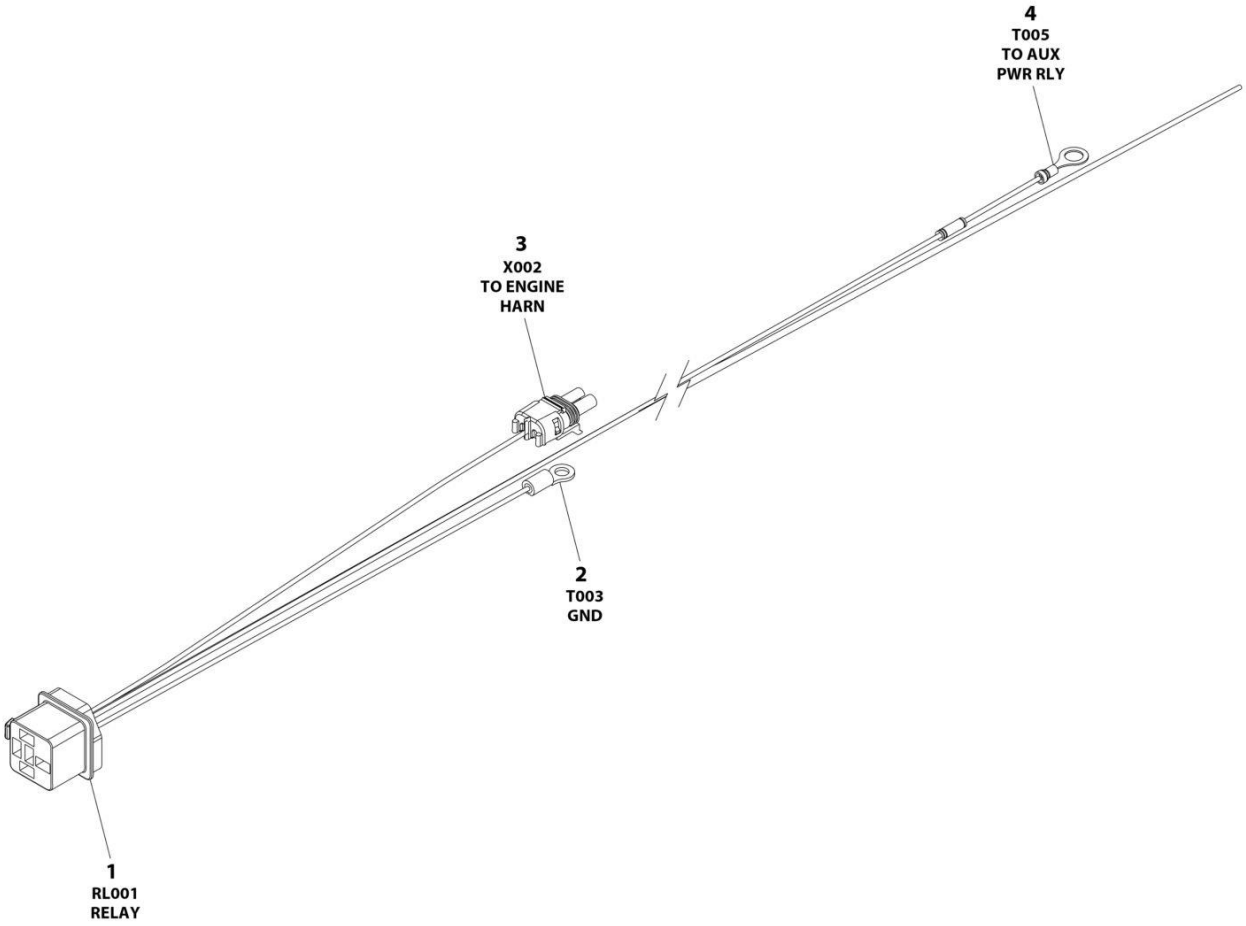
## FIGURE 8-74. FUEL HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINE



## FIGURE 8-74. FUEL HARNESS - DEUTZ TD2.9L4 (STAGE V) ENGINE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001245913 | Ref | FUEL HARNESS - DEUTZ (STAGE V) ENGINE | D |
| 1 | 1001148842 | 1 | Connector - 4 Position | |
| 1 | 1001148841 | 4 | Pin, Male | |
| 1 | 1001135650 | 4 | Seal | |
| 2 | 1001133714 | 1 | Plug, Male - 4 Position | |
| 2 | 1001133715 | 4 | Socket, Female | |
| 2 | 1001135650 | 4 | Seal | |

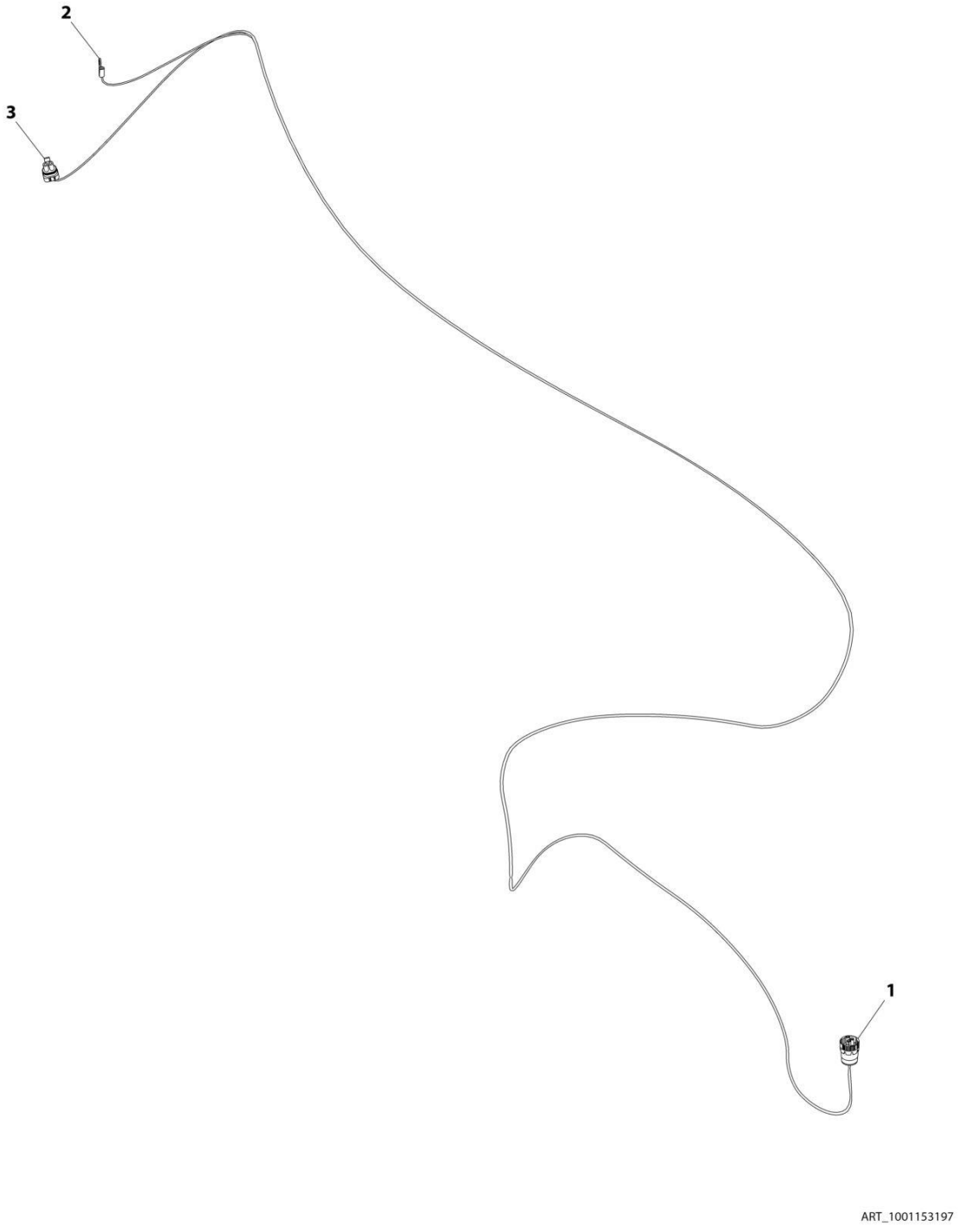
## FIGURE 8-75. GENERATOR TO ENGINE HARNESS - 2500W (FORD ENGINES)



## FIGURE 8-75. GENERATOR TO ENGINE HARNESS - 2500W (FORD ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4923445 | Ref | GENERATOR TO ENGINE HARNESS | B |
| 1 | 4460374 | 1 | Plug, Sealed Relay | |
| 1 | 1001116734 | 2 | Socket, Female | |
| 1 | 1001116733 | 2 | Socket, Female | |
| 2 | 4460043 | 1 | Terminal, Ring | |
| 3 | 4460742 | 1 | Plug, Male - 2 Position | |
| 3 | 4460457 | 1 | Socket, Female | |
| 3 | 4460458 | 1 | Seal, Terminal | |
| 3 | 1001116727 | 1 | Plug, Terminal | |
| 4 | 4460670 | 1 | Terminal, Ring | |

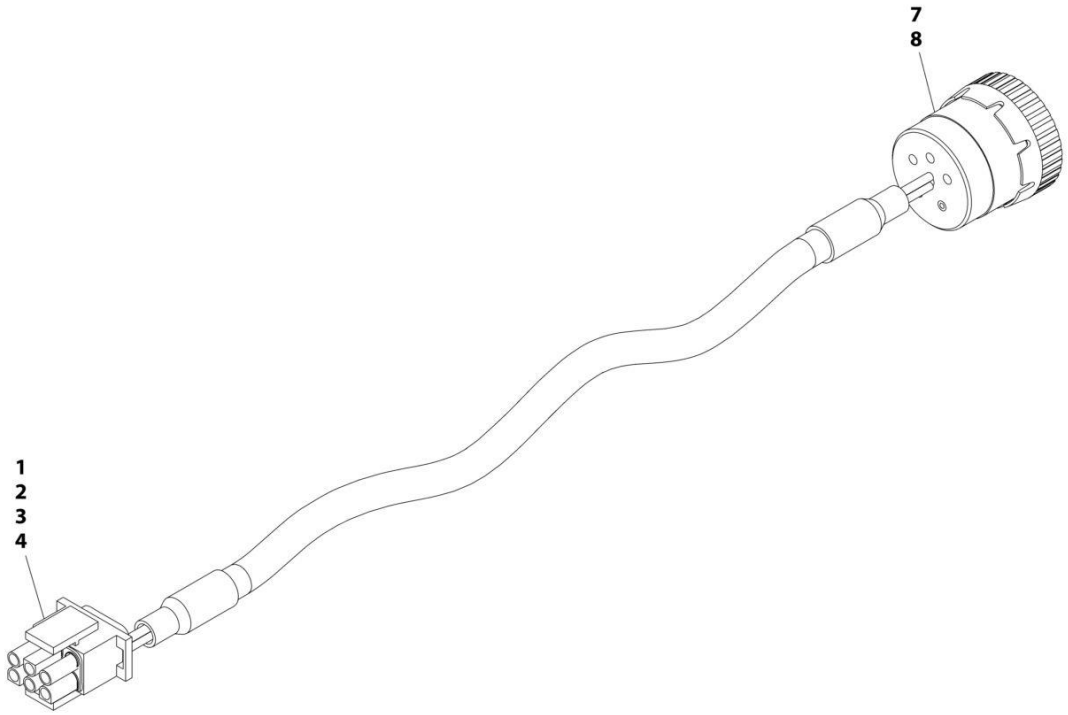
## FIGURE 8-76. GENERATOR TO ENGINE HARNESS - 4000W/50HZ (DEUTZ D2011 ENGINES)



## FIGURE 8-76. GENERATOR TO ENGINE HARNESS - 4000W/50HZ (DEUTZ D2011 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153197 | Ref | GENERATOR TO ENGINE HARNESS | B |
| 1 | 4460967 | 1 | Plug, Male - 3 Position | |
| 1 | 4460465 | 2 | Socket, Female | |
| 2 | 4460043 | 1 | Terminal, Ring | |
| 3 | 4460742 | 1 | Plug, Male - 2 Position | |
| 3 | 4460743 | 1 | Socket, Female | |
| 3 | 4460458 | 1 | Seal, Terminal | |
| 3 | 1001116727 | 1 | Plug, Terminal | |

## FIGURE 8-77. GENERATOR TO ENGINE HARNESS - 4000W/60HZ (DEUTZ ENGINES)



## FIGURE 8-77. GENERATOR TO ENGINE HARNESS - 4000W/60HZ (DEUTZ ENGINES)

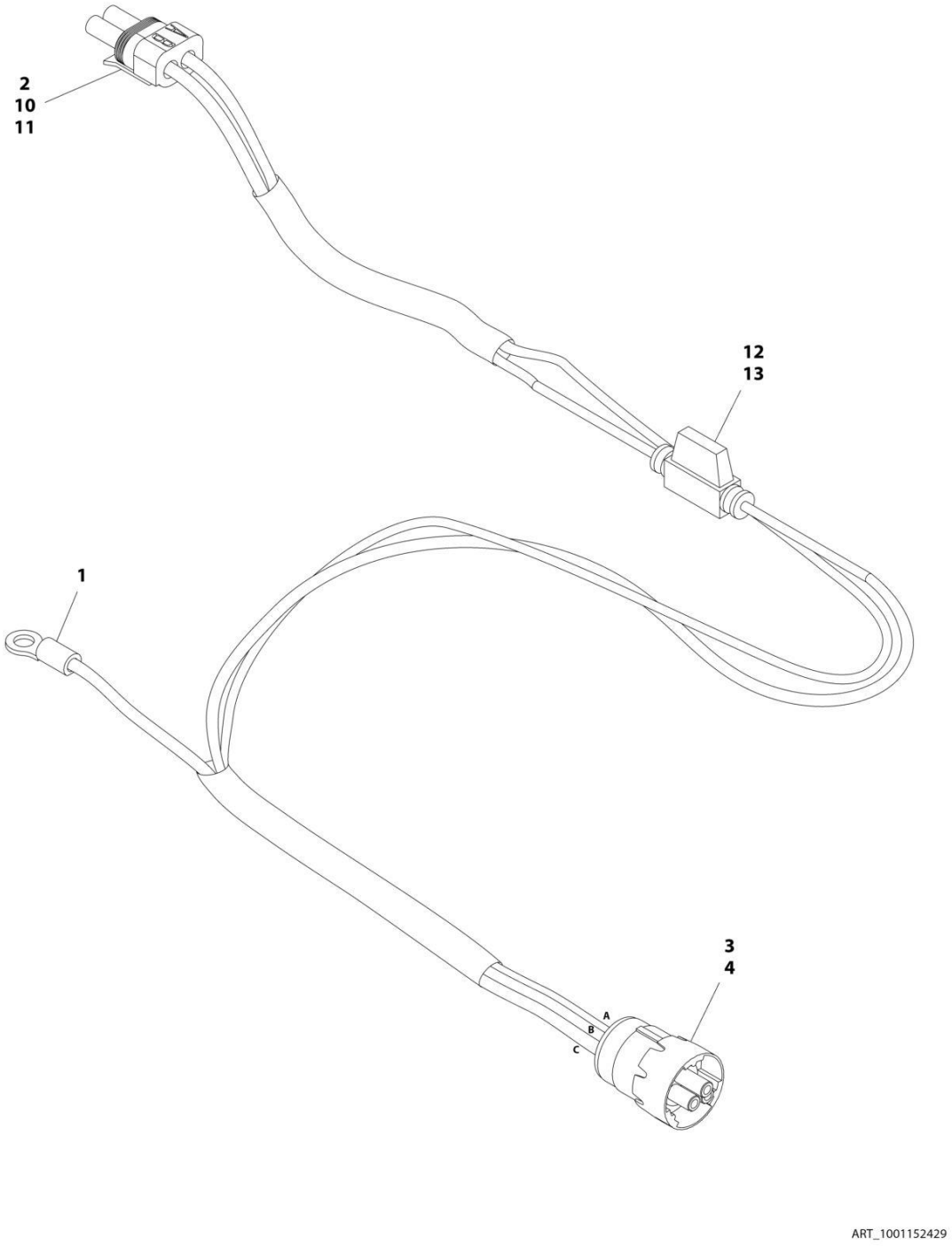
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001152532 | Ref | GENERATOR HARNESS | A |
| 1 | 4460225 | 1 | Connector - 6 Position | |
| 2 | 4460268 | 2 | Socket, Female | |
| 3 | 4460807 | 1 | Seal | |
| 4 | 4460808 | 1 | Seal | |
| 7 | 4460465 | 2 | Socket, Female | |
| 8 | 77363233 | 1 | Connector - 6 Position | |

## FIGURE 8-78. GENERATOR TO ENGINE HARNESS - 4000W/50HZ (DEUTZ TD2.9L4 ENGINES)

## FIGURE 8-78. GENERATOR TO ENGINE HARNESS - 4000W/50HZ (DEUTZ TD2.9L4 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153259 | Ref | GENERATOR TO PLATFORM HARNESS (4000W-60HZ GENERATOR) | B |
| 1 | 4460967 | 1 | Connector - 3 Position | |
| 1 | 4460465 | 2 | Socket, Female | |
| 2 | 4460465 | 2 | Socket, Female | |

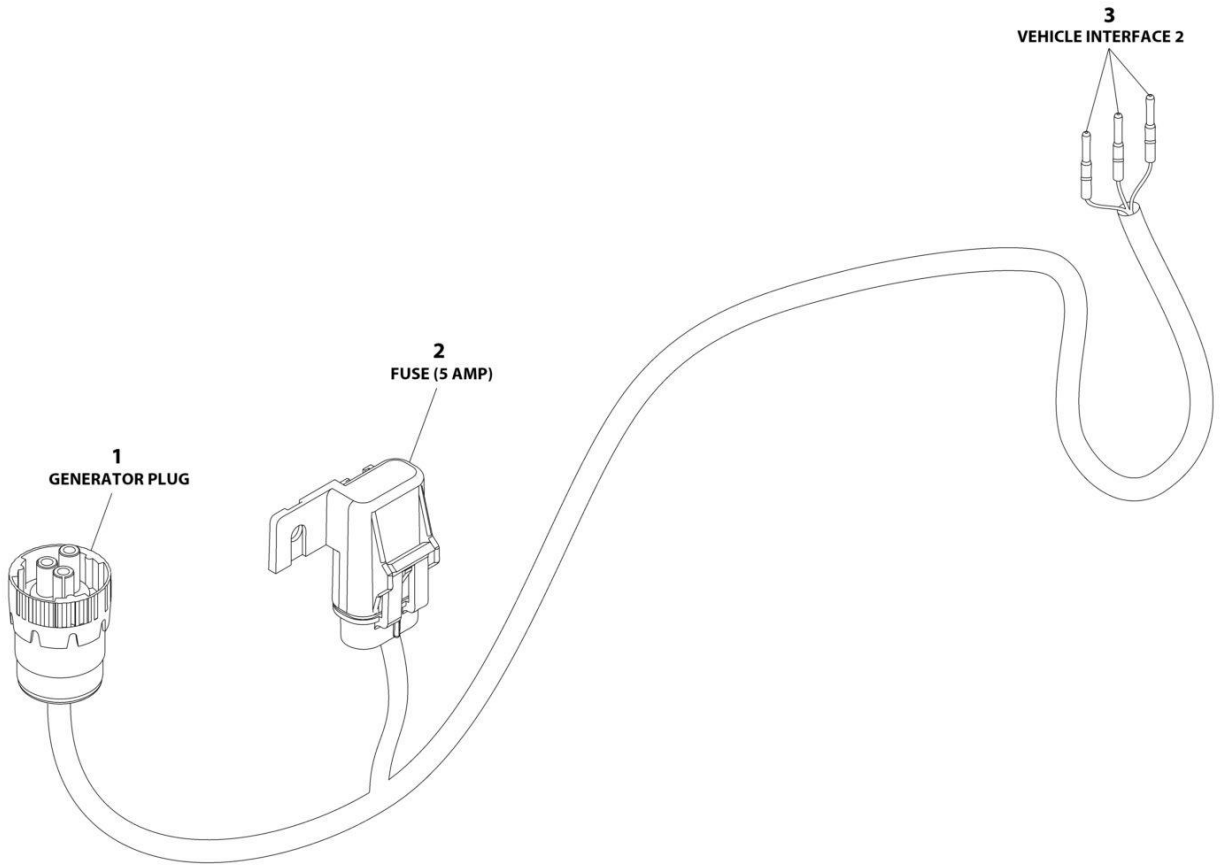
## FIGURE 8-79. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ENGINES)



## FIGURE 8-79. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER GENERATOR (DEUTZ D2011 ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001152429 | Ref | GENERATOR TO ENGINE HARNESS | C |
| 1 | 4460043 | 1 | Terminal, Ring | |
| 2 | 4460742 | 1 | Plug, Male - 2 Position | |
| 3 | 4460967 | 1 | Connector - 3 Position | |
| 4 | 4460465 | 3 | Socket, Female | |
| 10 | 4460743 | 2 | Terminal, Female | |
| 11 | 4460458 | 2 | Seal | |
| 12 | 2400060 | 1 | Fuseholder (Includes Cover) | |
| 13 | 2400064 | 1 | Fuse - 5Amp | |

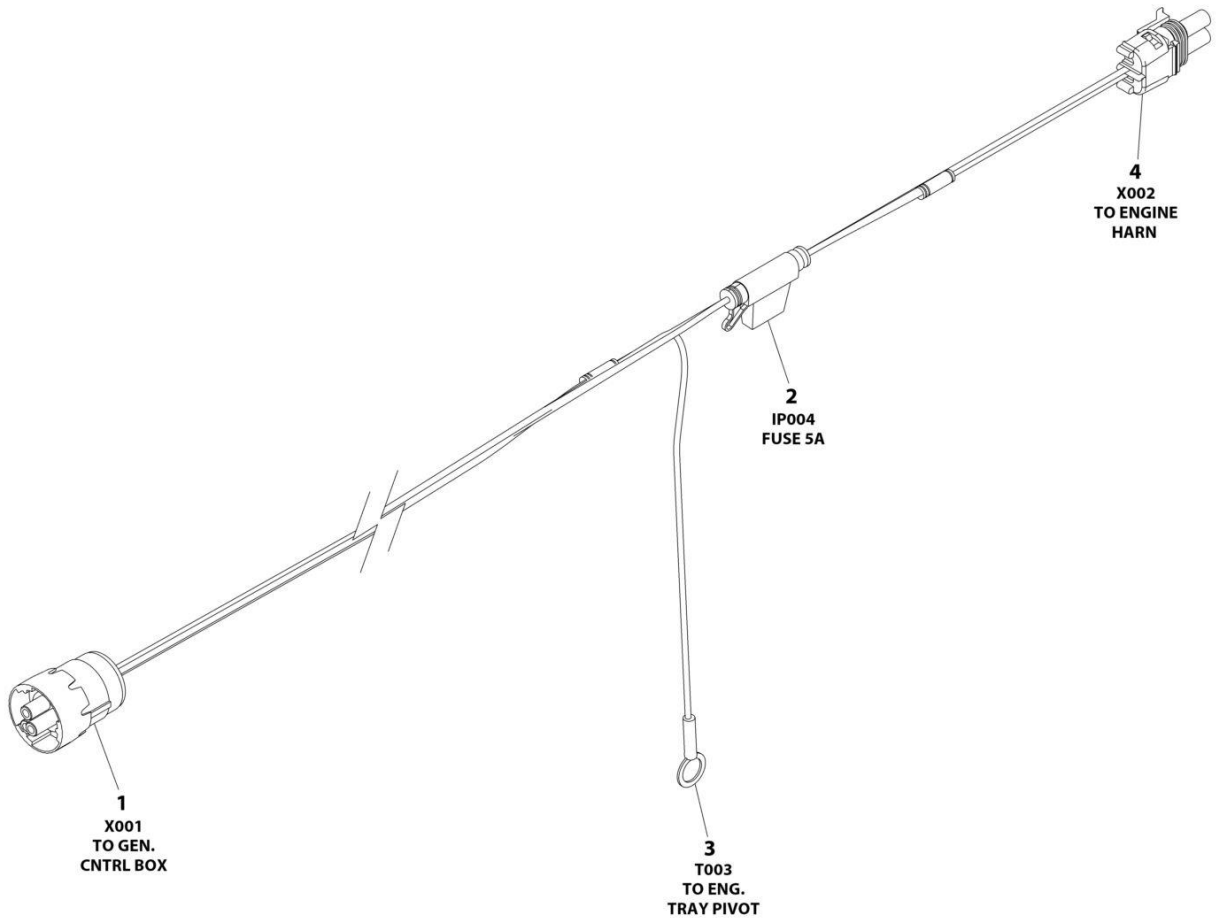
## FIGURE 8-80. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER (DEUTZ TD2.9L4 T4F ENGINES)



## FIGURE 8-80. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER (DEUTZ TD2.9L4 T4F ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001119968 | Ref | GENERATOR HARNESS - 7500W GENERATOR | C |
| 1 | 4460967 | 1 | Connector - 3 Position | |
| 1 | 4460465 | 3 | Socket, Female | |
| 2 | 1001117078 | 1 | Connector, Metri-Pack with 5Amp Fuse | |
| 3 | 4460465 | 3 | Socket, Female | |

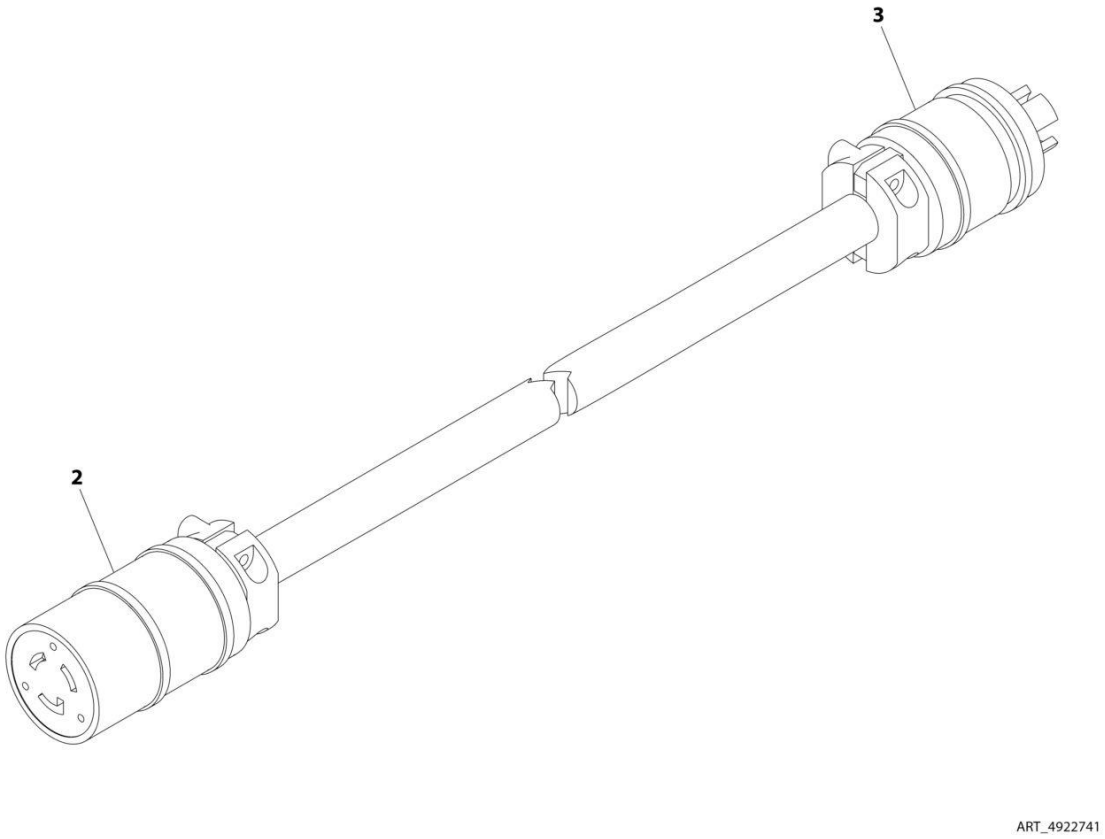
## FIGURE 8-81. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER (FORD DF 2.5L ENGINES)



## FIGURE 8-81. GENERATOR TO ENGINE HARNESS - 7500W SKYPOWER (FORD DF 2.5L ENGINES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257972 | Ref | GENERATOR TO ENGINE HARNESS | A |
| 1 | 4460967 | 1 | Plug, Male - 3 Position | |
| 1 | 4460465 | 3 | Socket, Female | |
| 2 | 2400060 | 1 | Fuse-holder (Includes Cover) | |
| 2 | 2400064 | 1 | Fuse - 5Amp | |
| 3 | 4460256 | 1 | Terminal, Ring | |
| 4 | 4460742 | 1 | Plug, Male - 2 Position | |
| 4 | 4460457 | 2 | Socket, Female | |
| 4 | 4460458 | 2 | Seal, Terminal | |

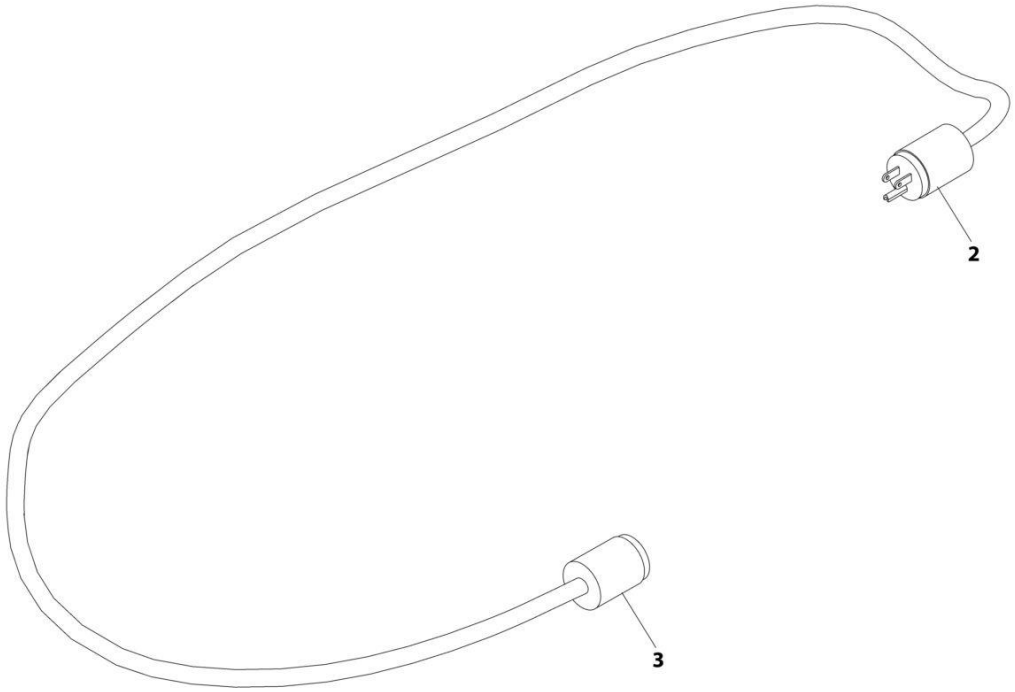
## FIGURE 8-82. GENERATOR TO REAR OF BOOM HARNESS - 110V



## FIGURE 8-82. GENERATOR TO REAR OF BOOM HARNESS - 110V

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922741 | Ref | GENERATOR TO REAR OF BOOM HARNESS - 110V | A |
| 2 | 4460134 | 1 | Connector, Female | |
| 3 | 4460205 | 1 | Plug, Male | |

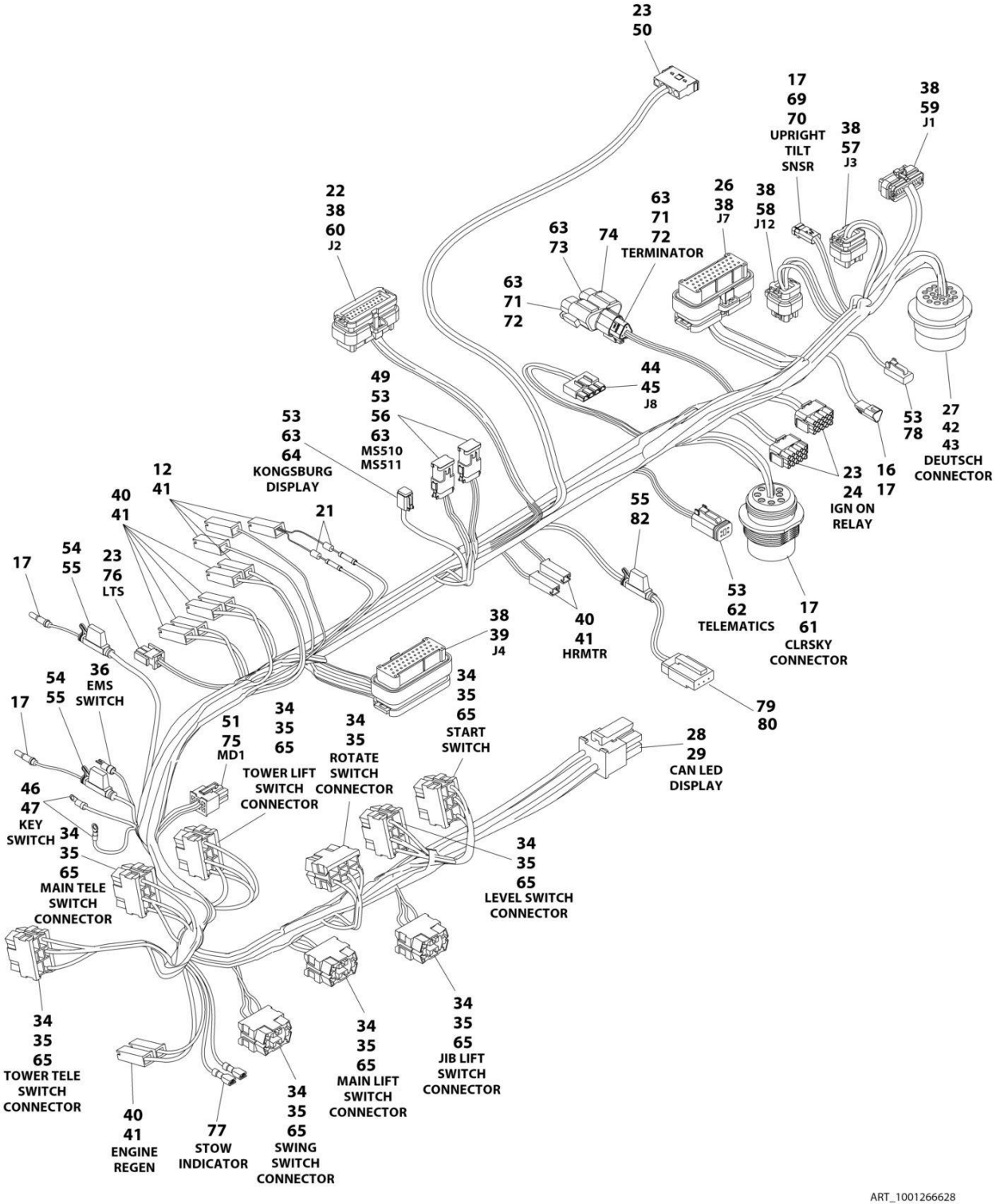
## FIGURE 8-83. GENERATOR TO REAR OF BOOM HARNESS - 220V



## FIGURE 8-83. GENERATOR TO REAR OF BOOM HARNESS - 220V

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4921955 | Ref | GENERATOR TO REAR OF BOOM HARNESS - 220V | A |
| 2 | 4460233 | 1 | Terminal, Plug | |
| 3 | 4460701 | 1 | Terminal, Connector | |

## FIGURE 8-84. GROUND CONTROL BOX HARNESS (Prior to SN B300017904, Prior to SN 0300298220, Excluding 0300295807)



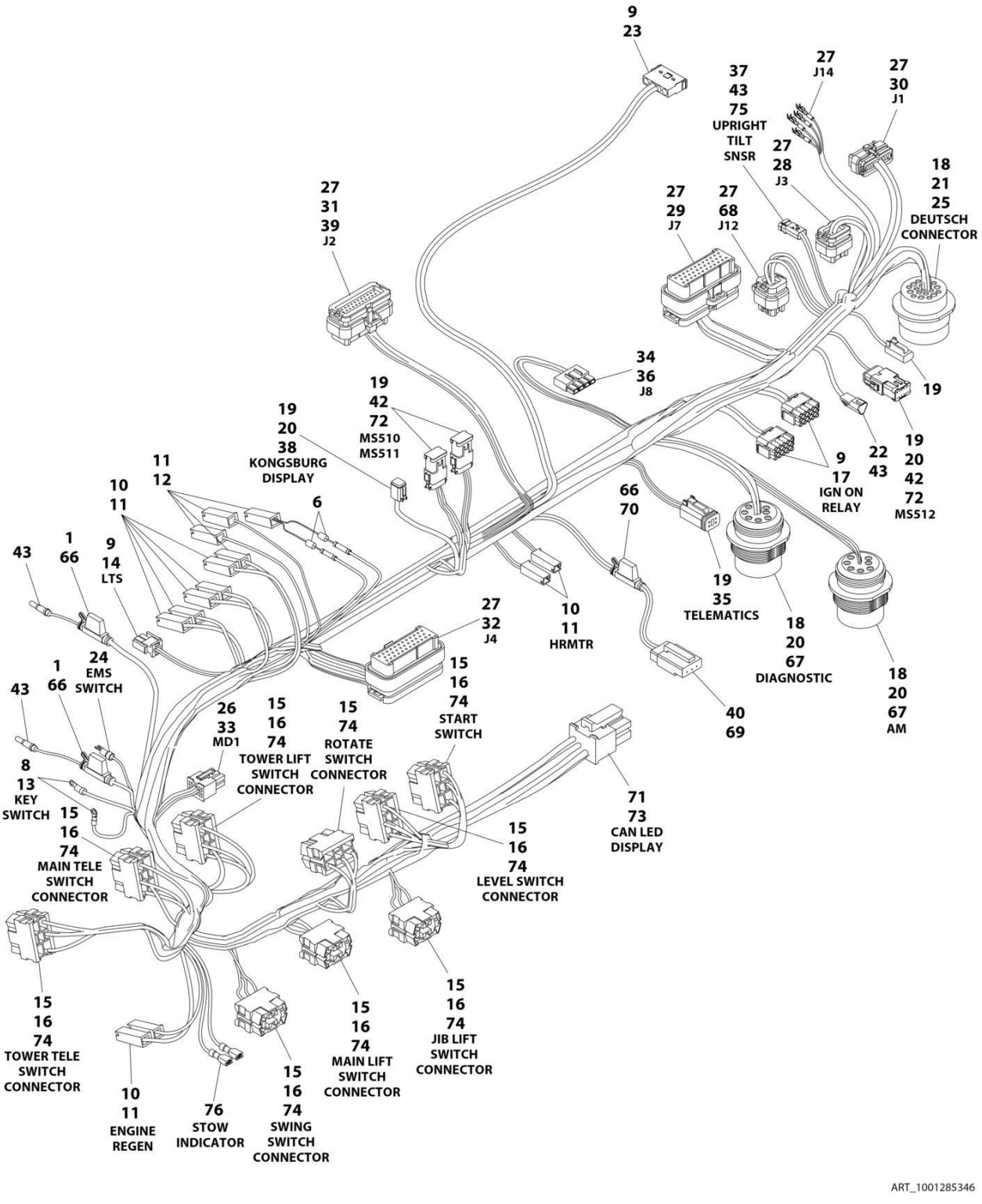
## FIGURE 8-84. GROUND CONTROL BOX HARNESS (Prior to SN B300017904, Prior to SN 0300298220, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266628 | Ref | GROUND CONTROL BOX HARNESS | C |
| 12 | 4460297 | 4 | Terminal | |
| 16 | 4460536 | 1 | Receptacle, Female - 3 Position | |
| 17 | 4460943 | 12 | Pin, Male | |
| 21 | 3990010 | 2 | Diode, 6 Amp | |
| 22 | 4460905 | 2 | Seal, Terminal | |
| 23 | 4460227 | 36 | Pin, Male | |
| 24 | 4460434 | 2 | Plug Male - 15 Position | |
| 26 | 4460873 | 1 | Connector - 35 Position | |
| 27 | 4460508 | 4 | Terminal | |
| 28 | 1001237667 | 1 | Plug Male - 6 Position | |
| 29 | 1001237668 | 5 | Terminal | |
| 34 | 1001159186 | 18 | Terminal | |
| 35 | 4460418 | 9 | Connector, Switch | |
| 36 | 4460806 | 5 | Terminal, Fork | |
| 38 | 4460871 | 84 | Socket, Female | |
| 39 | 4460876 | 1 | Connector - 35 Position | |
| 40 | 4460259 | 15 | Terminal | |
| 41 | 4460260 | 19 | Housing, Terminal | |
| 42 | 4460464 | 13 | Pin, Male | |
| 43 | 4460866 | 1 | Connector - 19 Position | |
| 44 | 4460878 | 1 | Plug Male - 4 Position | |
| 45 | 4460887 | 3 | Terminal | |
| 46 | 4460142 | 4 | Terminal, Ring | |
| 47 | 4460313 | 3 | Terminal | |
| 49 | 1001119020 | 2 | Connector, Buss Bar - 12 Position | |
| 50 | 4460761 | 1 | Receptacle, Female - 4 Position | |
| 51 | 4460868 | AR | Terminal | |
| 53 | 4460465 | 35 | Socket, Female | |
| 54 | 2400060 | 2 | Fuse Holder with Cover | |
| 55 | 8229242 | 3 | Fuse 5Amp | |
| 56 | 4460933 | 2 | Plug, Male - 12 Position | |
| 57 | 4460872 | 1 | Connector - 14 Position | |
| 58 | 1001113961 | 1 | Connector - 8 Position | |
| 59 | 4460874 | 1 | Connector - 35 Position | |
| 60 | 4460875 | 1 | Connector - 35 Position | |
| 61 | 1001112612 | 1 | Connector - 9 Position | |
| 62 | 4460884 | 1 | Plug, Male - 4 Position | |
| 63 | 4460466 | 7 | Plug, Terminal | |
| 64 | 4460894 | 1 | Plug, Male - 6 Position | |
| 65 | 4460419 | 8 | Terminal | |
| 69 | 1001229530 | 1 | Receptacle, Female - 3 Position | |
| 70 | 1001200497 | 1 | Plug, Male - 3 Position | |
| 71 | 1001116812 | 2 | Plug, Male - 3 Position | |
| 72 | 4460944 | 4 | Socket, Female | |
| 73 | 1001116815 | 1 | Plug, Male - 3 Position | |
| 74 | 4460945 | 1 | Connector, 3-Way Tee | |
| 75 | 4460877 | 4 | Terminal | |
| 76 | 4460320 | 1 | Connector - 2 Position | |

# SECTION 8 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 77 | 1001201885 | 2 | Terminal | |
| 78 | 4460891 | 1 | Plug, Male - 2 Position | |
| 79 | 4460911 | 1 | Connector - 3 Position | |
| 80 | 1001116694 | 3 | Terminal | |
| 82 | 2400060 | AR | Fuse Holder with Cover (Prior to PVC 2201) | |
| 82 | 1001255901 | AR | Fuse Holder with Cover (PVC 2201 to Present) | |

## FIGURE 8-85. GROUND CONTROL BOX HARNESS (SN B00017904 to Present, SN 0300298220 to Present, Including 0300295807)

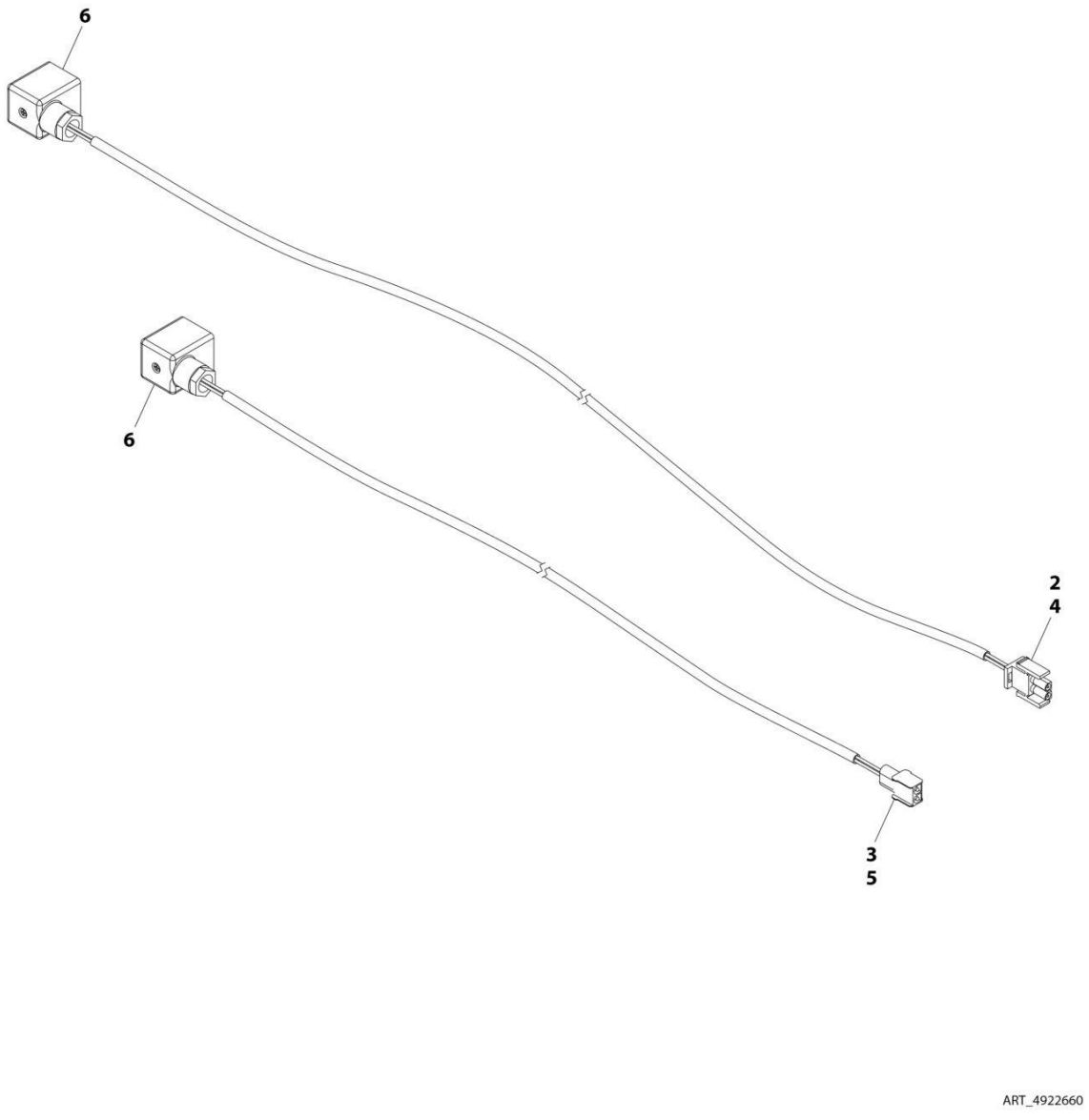


## FIGURE 8-85. GROUND CONTROL BOX HARNESS (SN B00017904 to Present, SN 0300298220 to Present, Including 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285346 | Ref | GROUND CONTROL BOX HARNESS | C |
| 1 | 2400060 | 2 | Fuse Holder | |
| 6 | 3990010 | 2 | Diode, 6 Amp | |
| 8 | 4460142 | 4 | Terminal, Ring | |
| 9 | 4460227 | 36 | Pin | |
| 10 | 4460259 | 11 | Socket | |
| 11 | 4460260 | 15 | Housing, Terminal | |
| 12 | 4460297 | 4 | Socket | |
| 13 | 4460313 | 3 | Terminal, Ring | |
| 14 | 4460320 | 1 | Connector | |
| 15 | 4460418 | 9 | Connector, Switch | |
| 16 | 4460419 | 8 | Socket | |
| 17 | 4460434 | 2 | Connector | |
| 18 | 4460464 | 27 | Terminal | |
| 19 | 4460465 | 45 | Terminal | |
| 20 | 4460466 | 9 | Plug, Terminal | |
| 21 | 4460508 | 4 | Pin | |
| 22 | 4460536 | 1 | Connector | |
| 23 | 4460761 | 1 | Connector | |
| 24 | 4460806 | 5 | Terminal, Fork | |
| 25 | 4460866 | 1 | Terminal | |
| 26 | 4460868 | 1 | Connector | |
| 27 | 4460871 | 88 | Socket | |
| 28 | 4460872 | 1 | Connector | |
| 29 | 4460873 | 1 | Connector | |
| 30 | 4460874 | 1 | Connector | |
| 31 | 4460875 | 1 | Connector | |
| 32 | 4460876 | 1 | Connector | |
| 33 | 4460877 | 4 | Socket | |
| 34 | 4460878 | 1 | Housing, Terminal | |
| 35 | 4460884 | 1 | Connector | |
| 36 | 4460887 | 3 | Socket | |
| 37 | 1001229530 | 1 | Connector | |
| 38 | 4460894 | 1 | Plug | |
| 39 | 4460905 | 2 | Seal | |
| 40 | 4460911 | 1 | Plug, Terminal | |
| 42 | 4460933 | 3 | Connector | |
| 43 | 4460943 | 8 | Terminal | |
| 66 | 8229242 | 3 | Fuse 5 Amp | |
| 67 | 1001112612 | 2 | Connector | |
| 67 | 1001249095 | 2 | Connector | |
| 68 | 1001113961 | 1 | Plug | |
| 69 | 1001116694 | 3 | Terminal | |
| 70 | 1001255901 | 1 | Fuse Holder | |
| 71 | 1001237668 | 5 | Socket | |
| 72 | 1001119020 | 3 | Connector | |
| 73 | 1001237667 | 1 | Connector | |
| 74 | 1001159186 | 18 | Socket | |
| 75 | 1001200497 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 76 | 1001201885 | 2 | Terminal | |

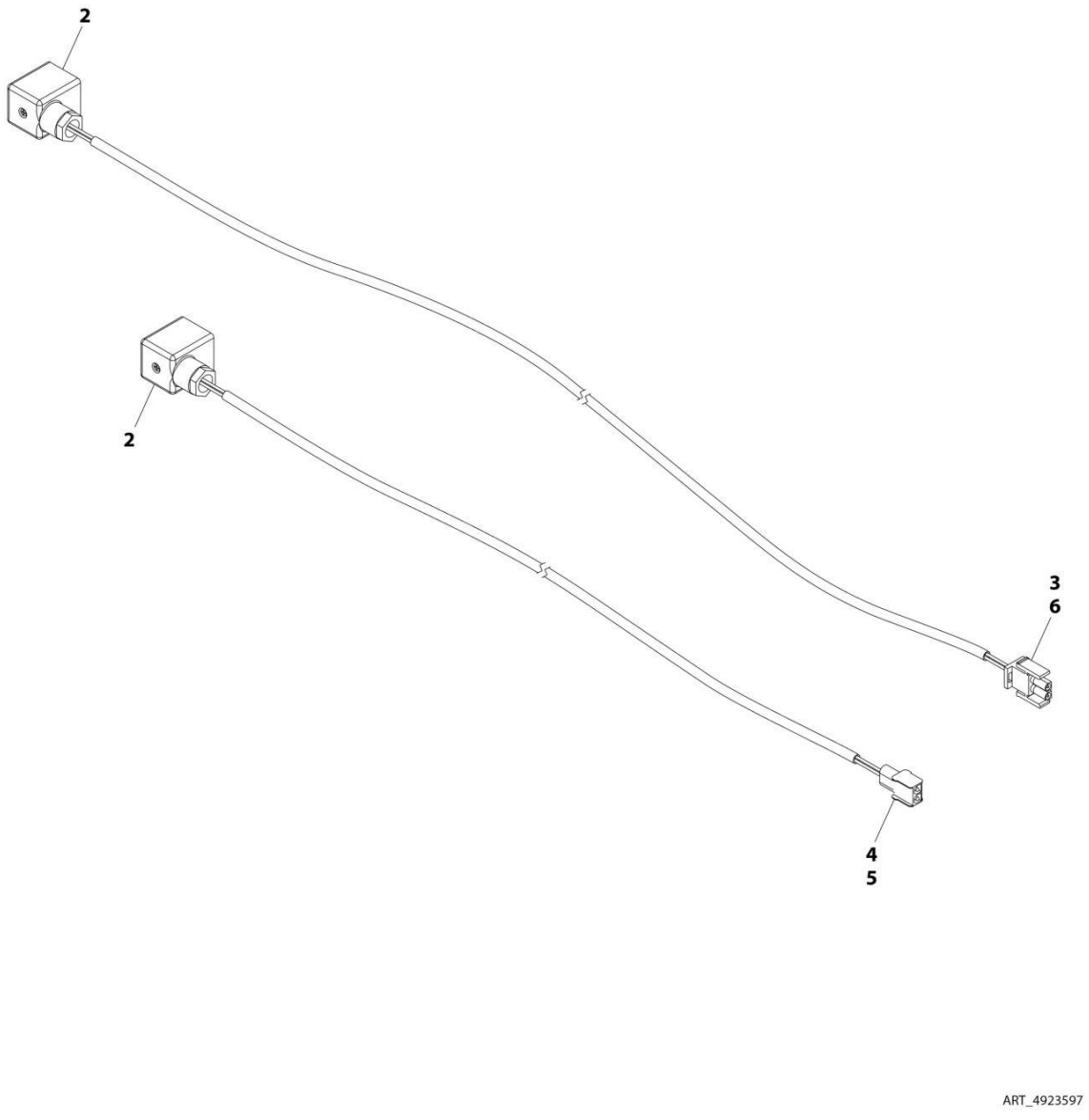
## FIGURE 8-86. HOLDING VALVE/LIFT DUMP HARNESS ASSEMBLY (WITHOUT ARCTIC PACKAGE)



## FIGURE 8-86. HOLDING VALVE/LIFT DUMP HARNESS ASSEMBLY (WITHOUT ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922660 | Ref | HOLDING VALVE/LIFT DUMP HARNESS ASSEMBLY | E |
| 2 | 4460226 | 2 | Socket, Female | |
| 3 | 4460267 | 2 | Pin, Male | |
| 4 | 4460320 | 1 | Connector - 2 Position | |
| 5 | 4460424 | 1 | Connector - 2 Position | |
| 6 | 4460880 | 2 | Connector, Din | |

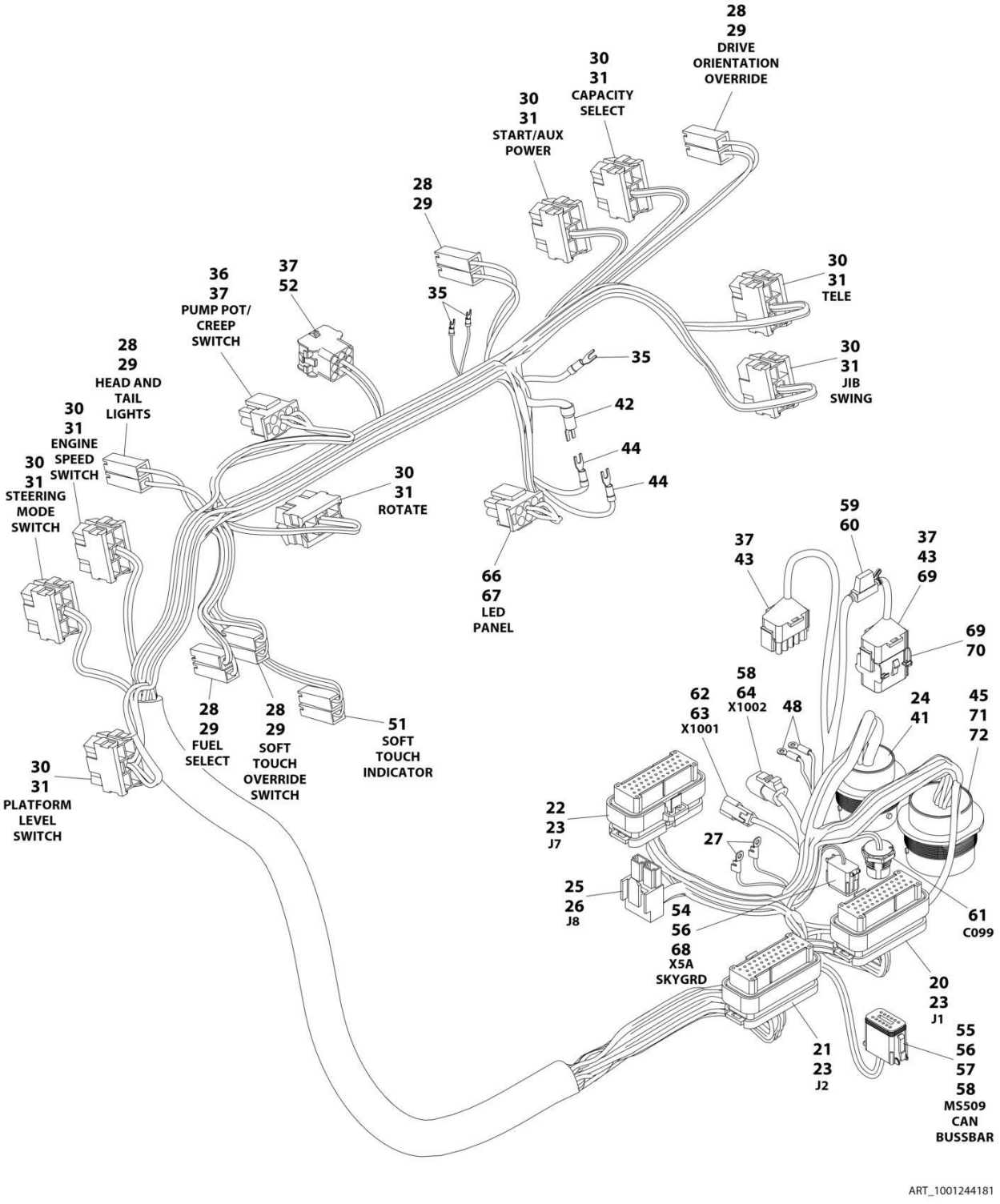
## FIGURE 8-87. HOLDING VALVE/LIFT DUMP HARNESS ASSEMBLY (WITH ARCTIC PACKAGE)



## FIGURE 8-87. HOLDING VALVE/LIFT DUMP HARNESS ASSEMBLY (WITH ARCTIC PACKAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4923597 | Ref | HOLDING VALVE/LIFT DUMP HARNESS ASSEMBLY | 1 |
| 2 | 4460880 | 2 | Connector, Din | |
| 3 | 4460320 | 1 | Connector - 2 Position | |
| 4 | 4460424 | 1 | Connector - 2 Position | |
| 5 | 4460267 | 2 | Pin, Male | |
| 6 | 4460226 | 2 | Socket, Female | |

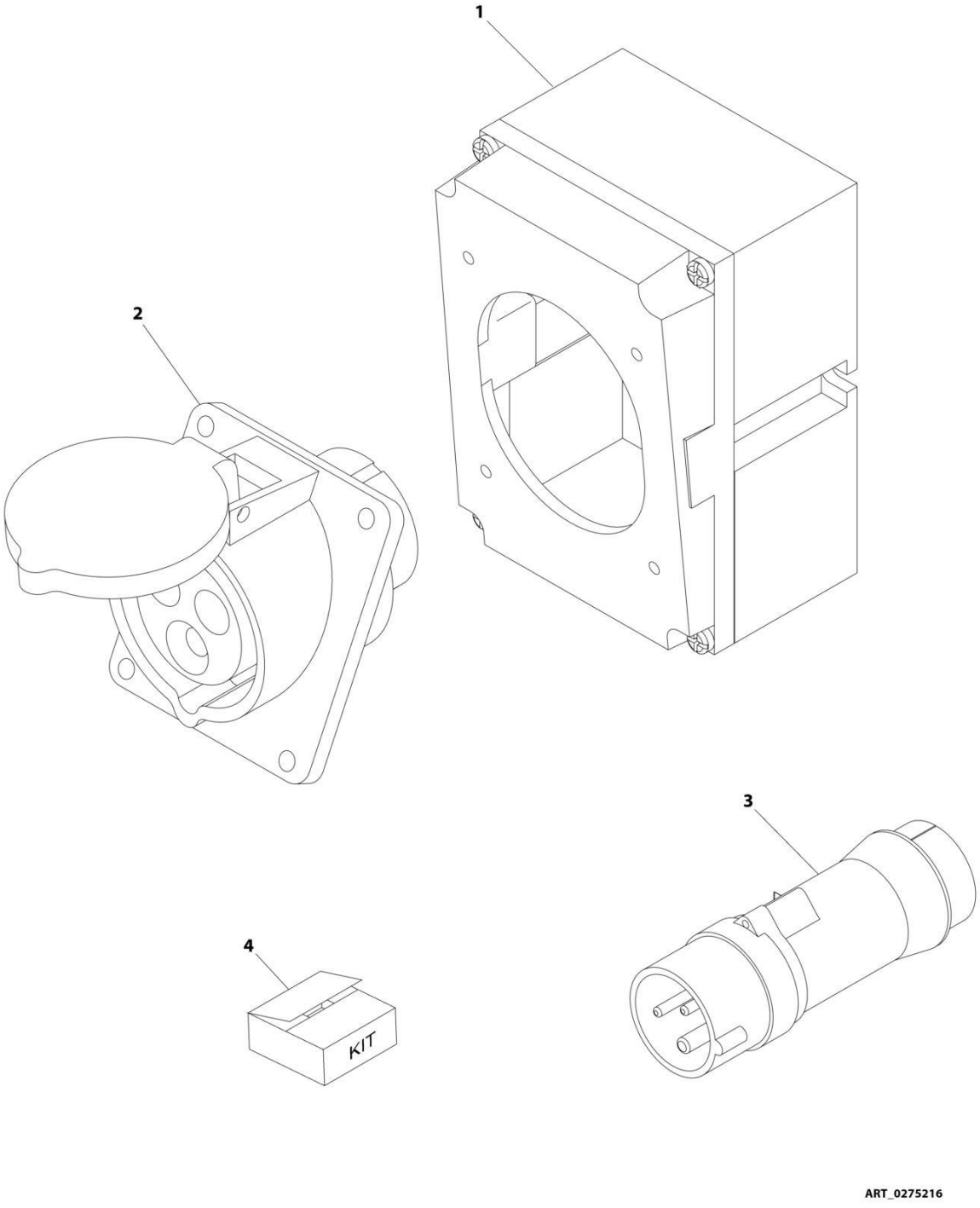
## FIGURE 8-88. PLATFORM CONSOLE BOX HARNESS



## FIGURE 8-88. PLATFORM CONSOLE BOX HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244181 | 1 | PLATFORM CONSOLE BOX HARNESS | I |
| 20 | 4460874 | 1 | Connector - 35 Position (Natural) | |
| 21 | 4460876 | 1 | Connector - 35 Position (Blue) | |
| 22 | 4460873 | 1 | Connector - 35 Position (Black) | |
| 23 | 4460871 | 70 | Socket, Female | |
| 24 | 4460464 | 7 | Pin, Male Deutsch 16 Ga | |
| 25 | 4460879 | 1 | Connector - 2 Position | |
| 26 | 4460887 | 2 | Terminal | |
| 27 | 1001098122 | 2 | Terminal Eyelet | |
| 28 | 4460260 | 10 | Terminal, Housing | |
| 29 | 4460259 | 10 | Terminal | |
| 30 | 4460418 | 8 | Connector, Female - 6 Position | |
| 31 | 4460419 | 24 | Socket, Female | |
| 32 | 4460905 | AR | Plug (Not Shown) | |
| 35 | 4460888 | 3 | Terminal, Fork | |
| 36 | 4460225 | 1 | Connector - 6 Position | |
| 37 | 4460227 | 26 | Pin, Male | |
| 41 | 4460508 | 5 | Pin, Male Deutsch 12 Ga | |
| 42 | 4460806 | 1 | Terminal, Fork | |
| 43 | 4460434 | 2 | Connector - 15 Position | |
| 44 | 4460183 | 10 | Terminal, Fork | |
| 45 | 4460925 | 1 | Connector - 21 Pin | |
| 48 | 4460142 | 2 | Terminal, Eyelet | |
| 51 | 4460016 | 2 | Terminal | |
| 51 | 1001293138 | 2 | Terminal | |
| 52 | 4460266 | 1 | Connector - 9 Position | |
| 54 | 4460894 | 1 | Connector - 6 Position | |
| 55 | 4460933 | 1 | Connector, Gray - 12 Position | |
| 56 | 4460466 | AR | Plug | |
| 57 | 1001119020 | 1 | Bussbar - 12 Position | |
| 58 | 4460944 | 13 | Socket, Female (Gold) | |
| 59 | 2400060 | 1 | Fuse, Holder | |
| 60 | 8229249 | 1 | Fuse, 3 Amp | |
| 61 | 1001213447 | 1 | Connector - 5 Position | |
| 62 | 4460536 | 1 | Connector - 3 Position | |
| 63 | 4460943 | 6 | Pin, Male (Gold) | |
| 64 | 4460539 | 1 | Plug, Male - 3 Position | |
| 66 | 1001237667 | 1 | Plug, Male - 6 Position | |
| 67 | 1001237668 | 4 | Socket, Female | |
| 68 | 4460465 | 5 | Socket, Female | |
| 69 | 4460708 | 2 | Connector - 15 Position | |
| 70 | 4460226 | 2 | Socket, Female | |
| 71 | 1001126011 | 14 | Pin, Male Deutsch 16 Ga | |
| 72 | 4460518 | 7 | Plug, Terminal | |

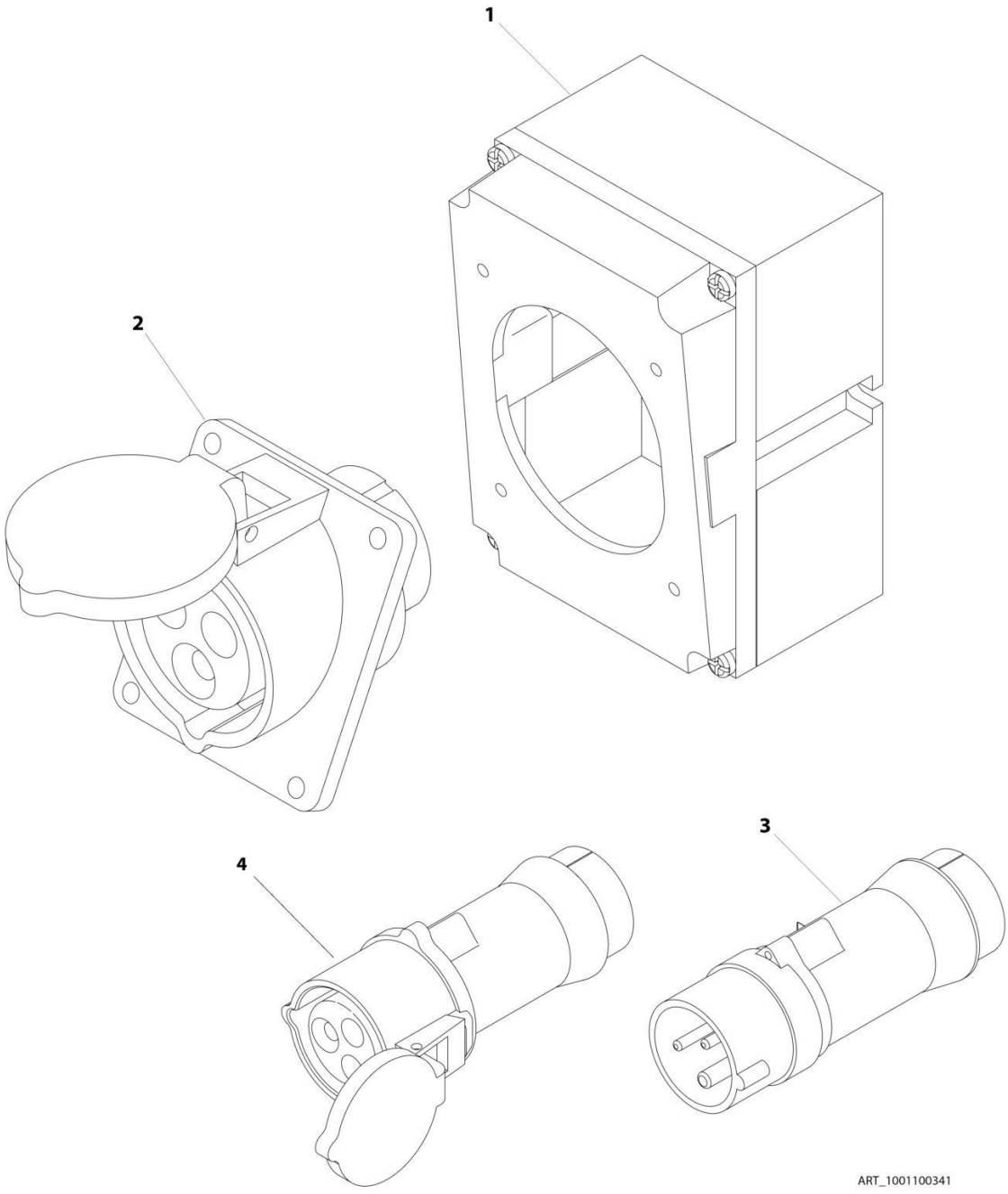
## FIGURE 8-89. RECEPTACLE BOX KIT - 110V IEC YELLOW WITHOUT 2500W GENERATOR (CE & UK CA SPECS)



## FIGURE 8-89. RECEPTACLE BOX KIT - 110V IEC YELLOW WITHOUT 2500W GENERATOR (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275216 | Ref | RECEPTACLE BOX KIT - 110V IEC YELLOW | B |
| 1 | 0861781 | 1 | Box, Switch | |
| 2 | 4461198 | 1 | Receptacle | |
| 3 | 4461196 | 1 | Plug, Male | |
| 4 | 1001100341 | 1 | Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461197) | |

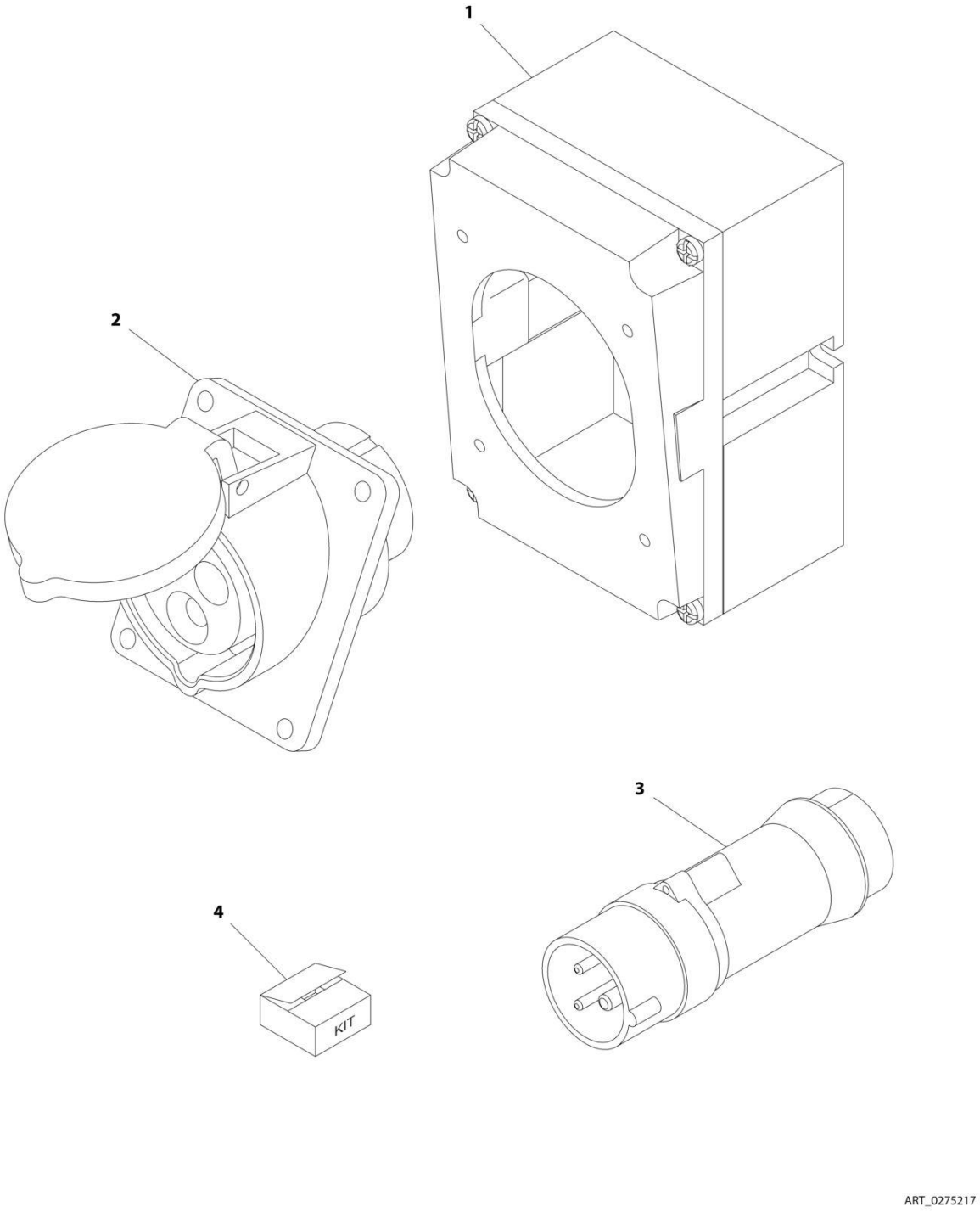
## FIGURE 8-90. RECEPTACLE BOX KIT - 110V IEC YELLOW WITH 2500W GENERATOR (CE & UK CA SPECS)



## FIGURE 8-90. RECEPTACLE BOX KIT - 110V IEC YELLOW WITH 2500W GENERATOR (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100341 | Ref | RECEPTACLE BOX KIT - 110V IEC YELLOW | 2 |
| 1 | 0861781 | 1 | Box, Switch | |
| 2 | 4461198 | 1 | Receptacle | |
| 3 | 4461196 | 1 | Plug, Male | |
| 4 | 4461197 | 1 | Plug, Female | |

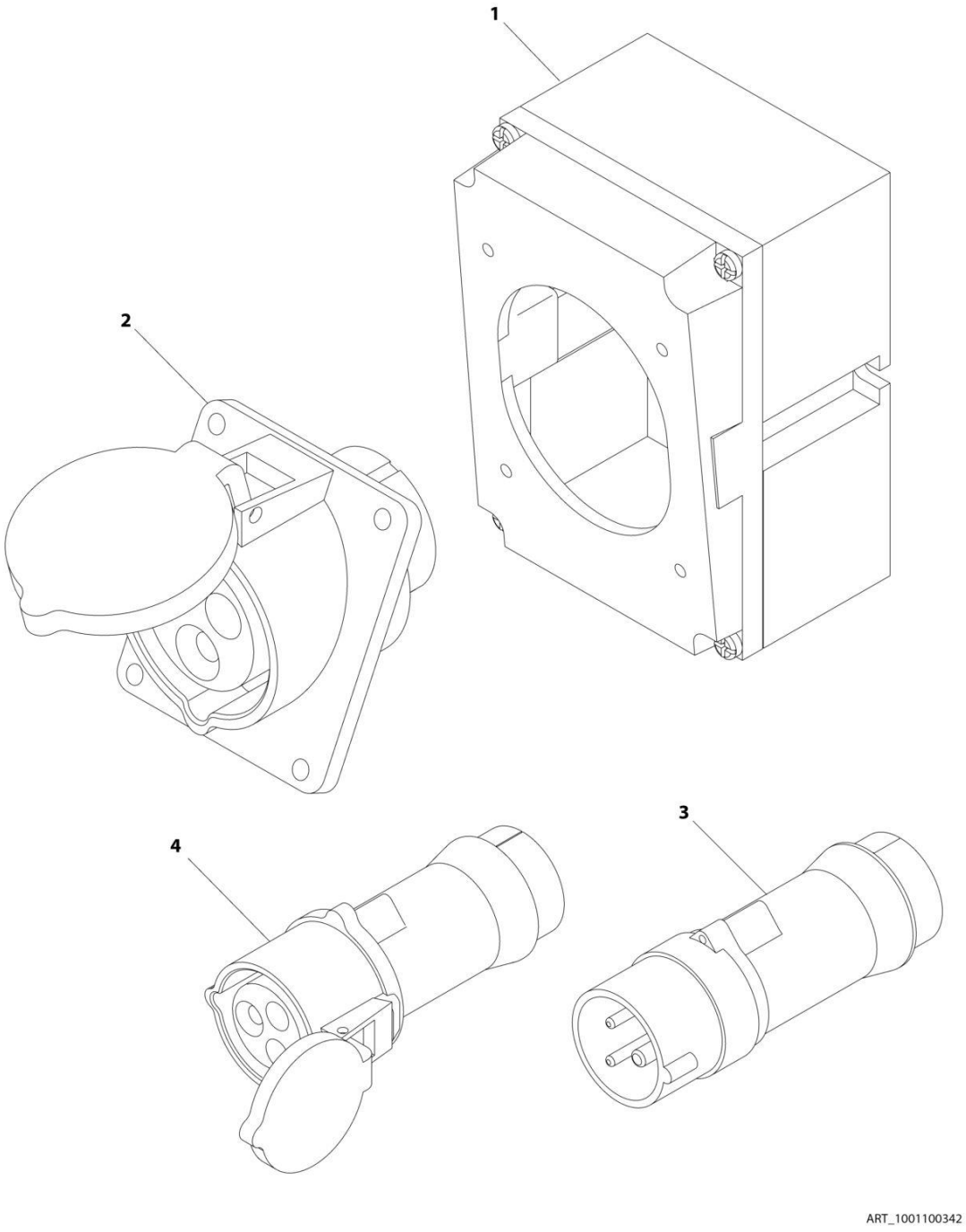
## FIGURE 8-91. RECEPTACLE BOX KIT - 220V IEC BLUE WITHOUT 2500W GENERATOR (CE & UK CA SPECS)



## FIGURE 8-91. RECEPTACLE BOX KIT - 220V IEC BLUE WITHOUT 2500W GENERATOR (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275217 | Ref | RECEPTACLE BOX KIT - 220V IEC BLUE | B |
| 1 | 0861781 | 1 | Box, Switch | |
| 2 | 4461201 | 1 | Receptacle | |
| 3 | 4461199 | 1 | Plug, Male | |
| 4 | 1001100342 | 1 | Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461200) | |

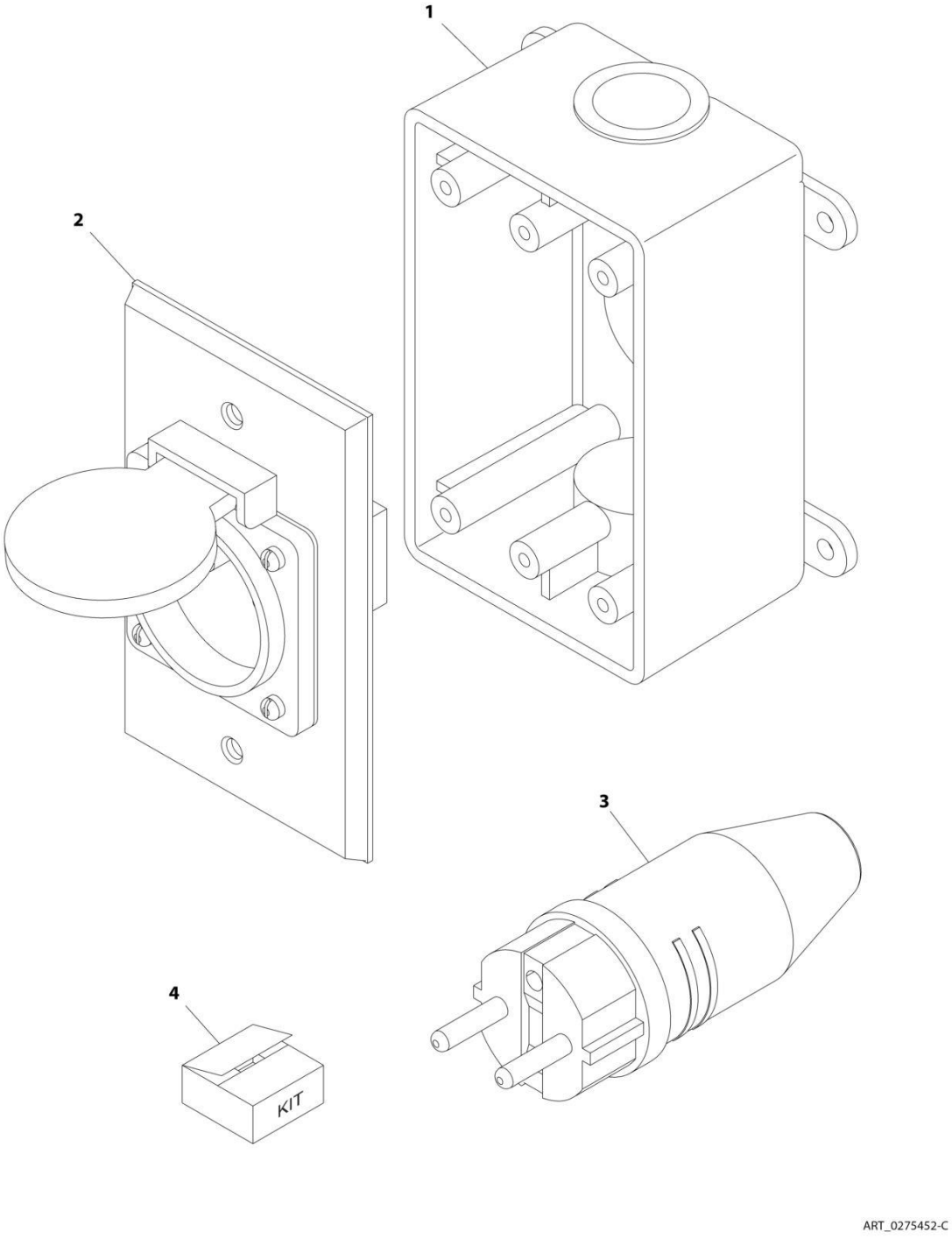
## FIGURE 8-92. RECEPTACLE BOX KIT - 220V IEC BLUE WITH 2500W GENERATOR (CE & UK CA SPECS)



## FIGURE 8-92. RECEPTACLE BOX KIT - 220V IEC BLUE WITH 2500W GENERATOR (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100342 | Ref | RECEPTACLE BOX KIT - 220V IEC BLUE WITH 2500W GENERATOR (CE & UK CA SPECS) | 2 |
| 1 | 0861781 | 1 | Box, Switch | |
| 2 | 4461201 | 1 | Receptacle | |
| 3 | 4461199 | 1 | Plug, Male | |
| 4 | 4461200 | 1 | Plug, Female | |

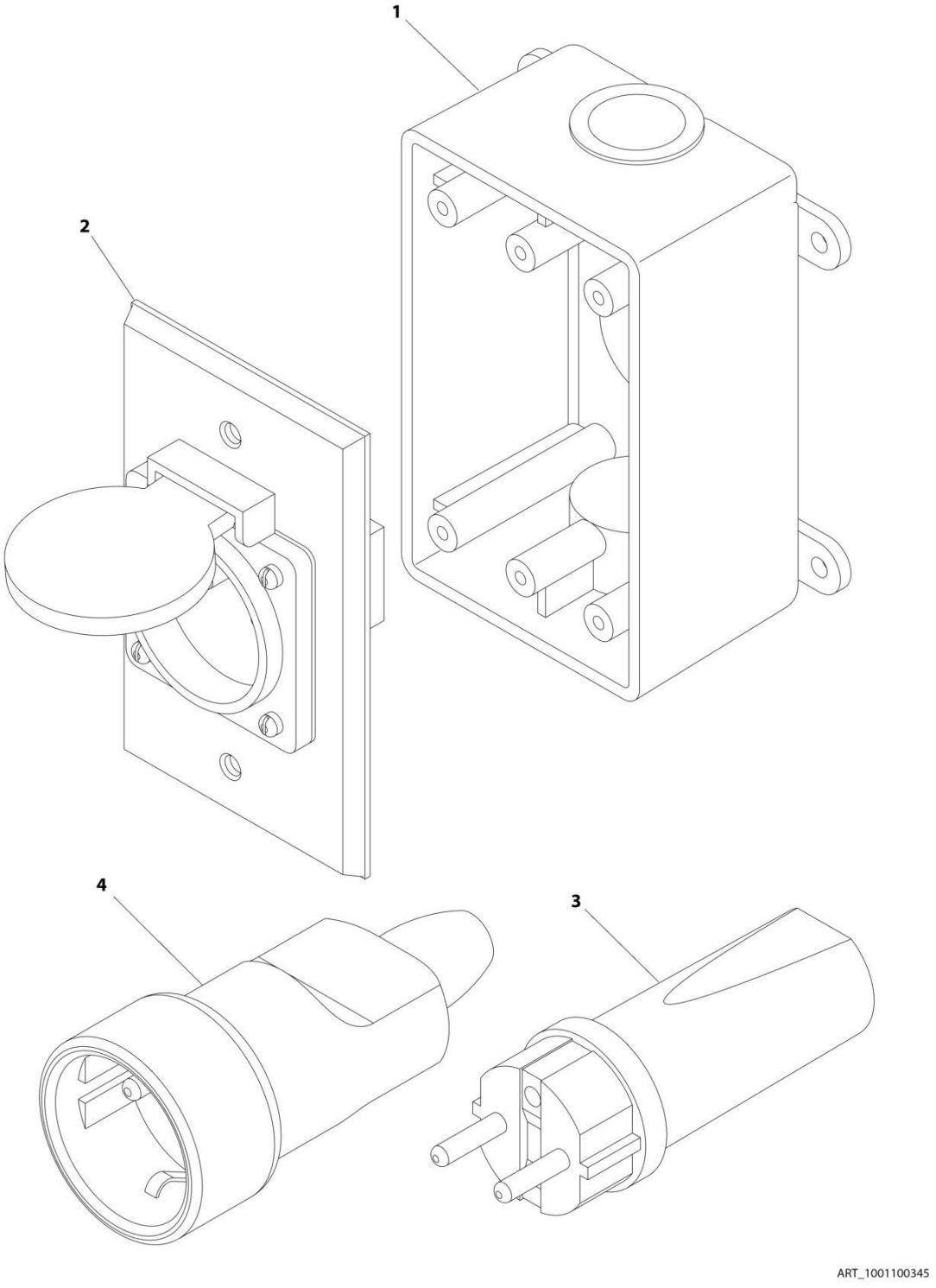
## FIGURE 8-93. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR OR NO GENERATOR OPTION)



## FIGURE 8-93. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR OR NO GENERATOR OPTION)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275452 | Ref | RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX | C |
| 1 | 0861731 | 1 | Box, Switch | |
| 2 | 4461244 | 1 | Receptacle | |
| 3 | 4461205 | 1 | Plug, Male | |
| 4 | 1001100345 | 1 | Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461203) | |

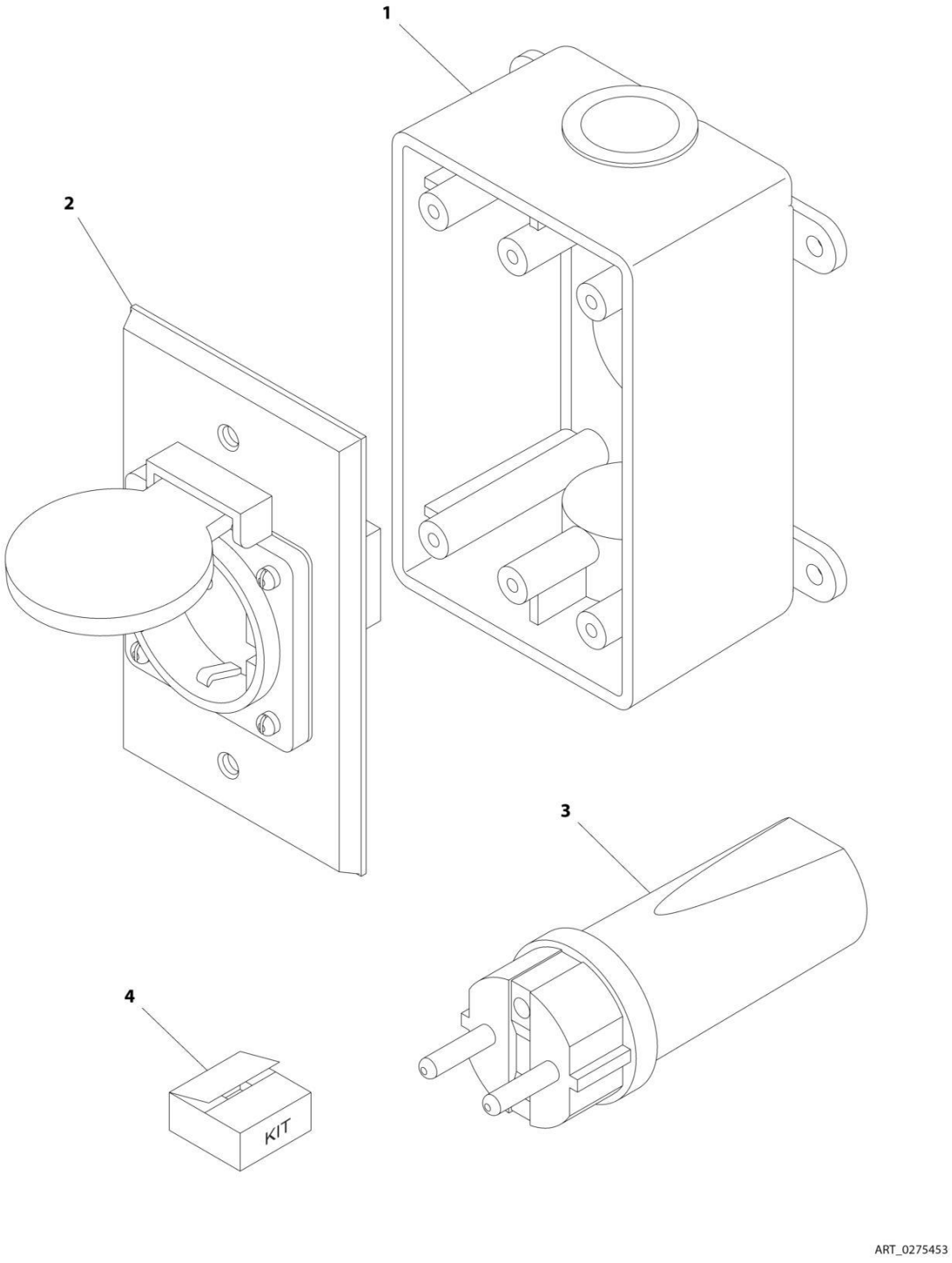
## FIGURE 8-94. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR)



## FIGURE 8-94. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100345 | Ref | RECEPTACLE BOX KIT - 220V CEE7 POST GROUND | C |
| 1 | 0861731 | 1 | Box, Switch | |
| 2 | 4461244 | 1 | Receptacle | |
| 3 | 4461205 | 1 | Plug, Male | |
| 4 | 4461203 | 1 | Plug, Female | |

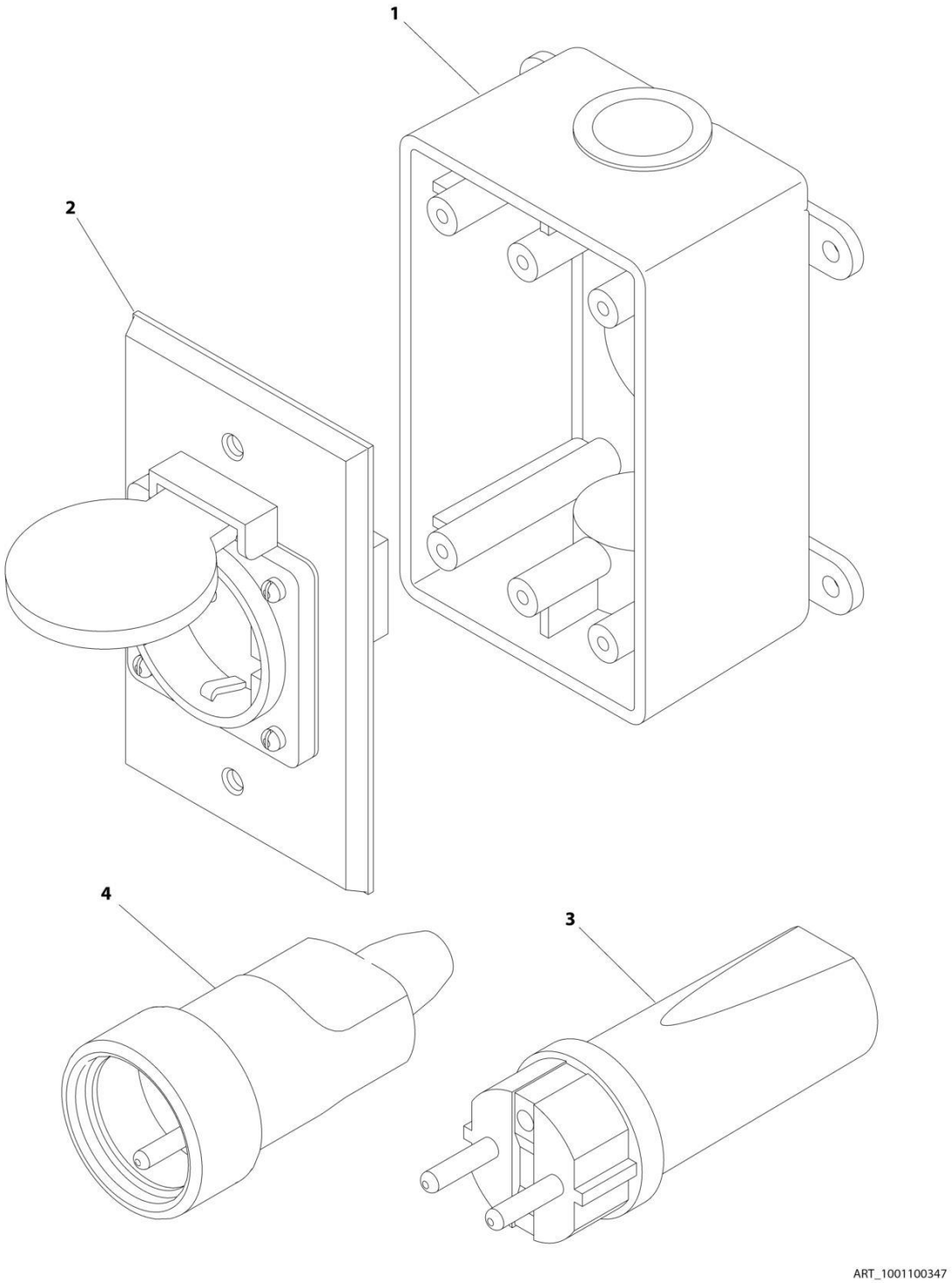
## FIGURE 8-95. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR OR NO GENERATOR OPTION)



## FIGURE 8-95. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR OR NO GENERATOR OPTION)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275453 | Ref | RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND | B |
| 1 | 0861731 | 1 | Box, Switch | |
| 2 | 4461245 | 1 | Receptacle | |
| 3 | 4461205 | 1 | Plug, Male | |
| 4 | 1001100347 | 1 | Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206) | |

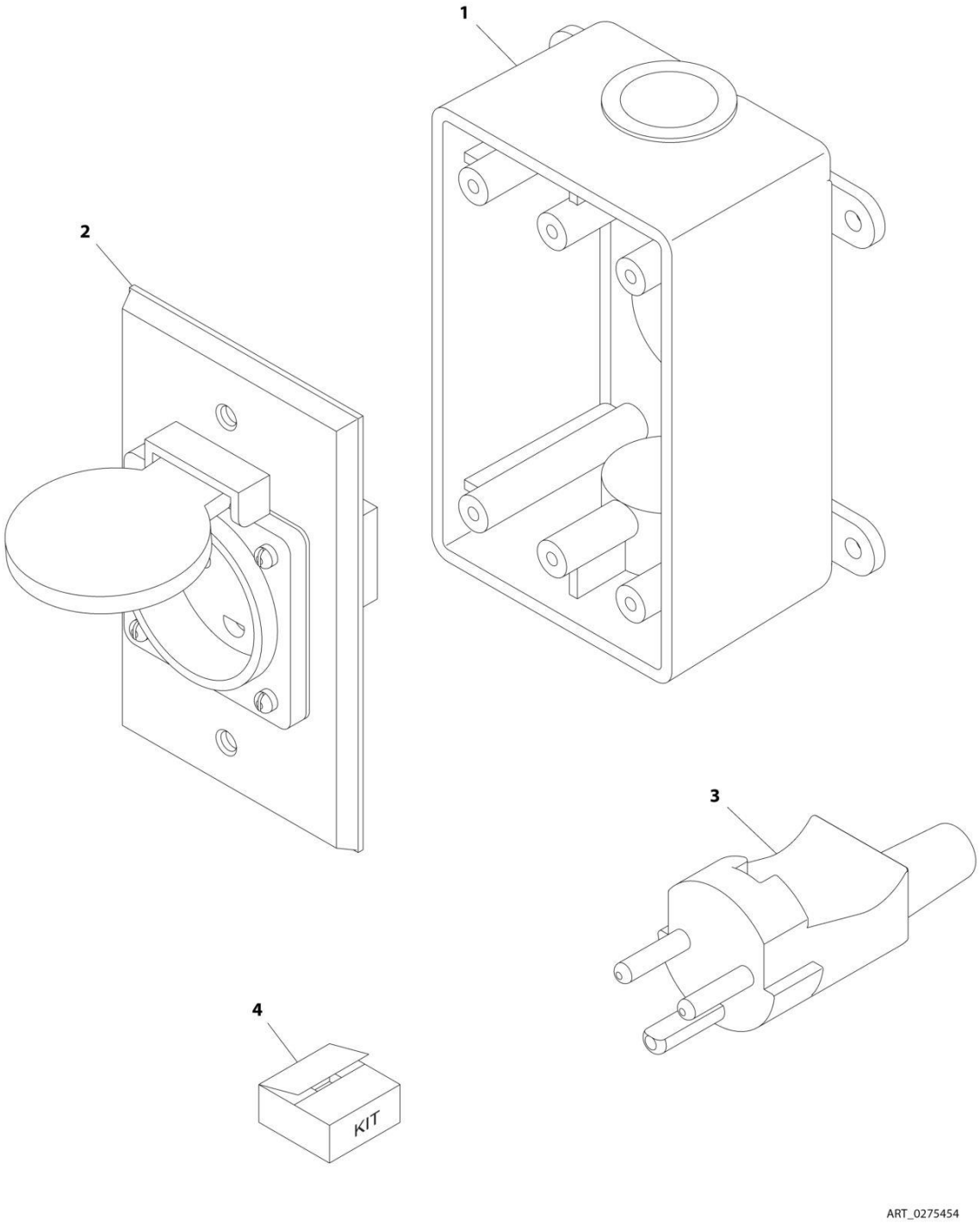
## FIGURE 8-96. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR)



## FIGURE 8-96. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE & UK CA SPEC) (WITH 2500W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100347 | Ref | RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND | 3 |
| 1 | 0861731 | 1 | Box, Switch | |
| 2 | 4461245 | 1 | Receptacle | |
| 3 | 4461205 | 1 | Plug, Male | |
| 4 | 4461206 | 1 | Plug, Female | |

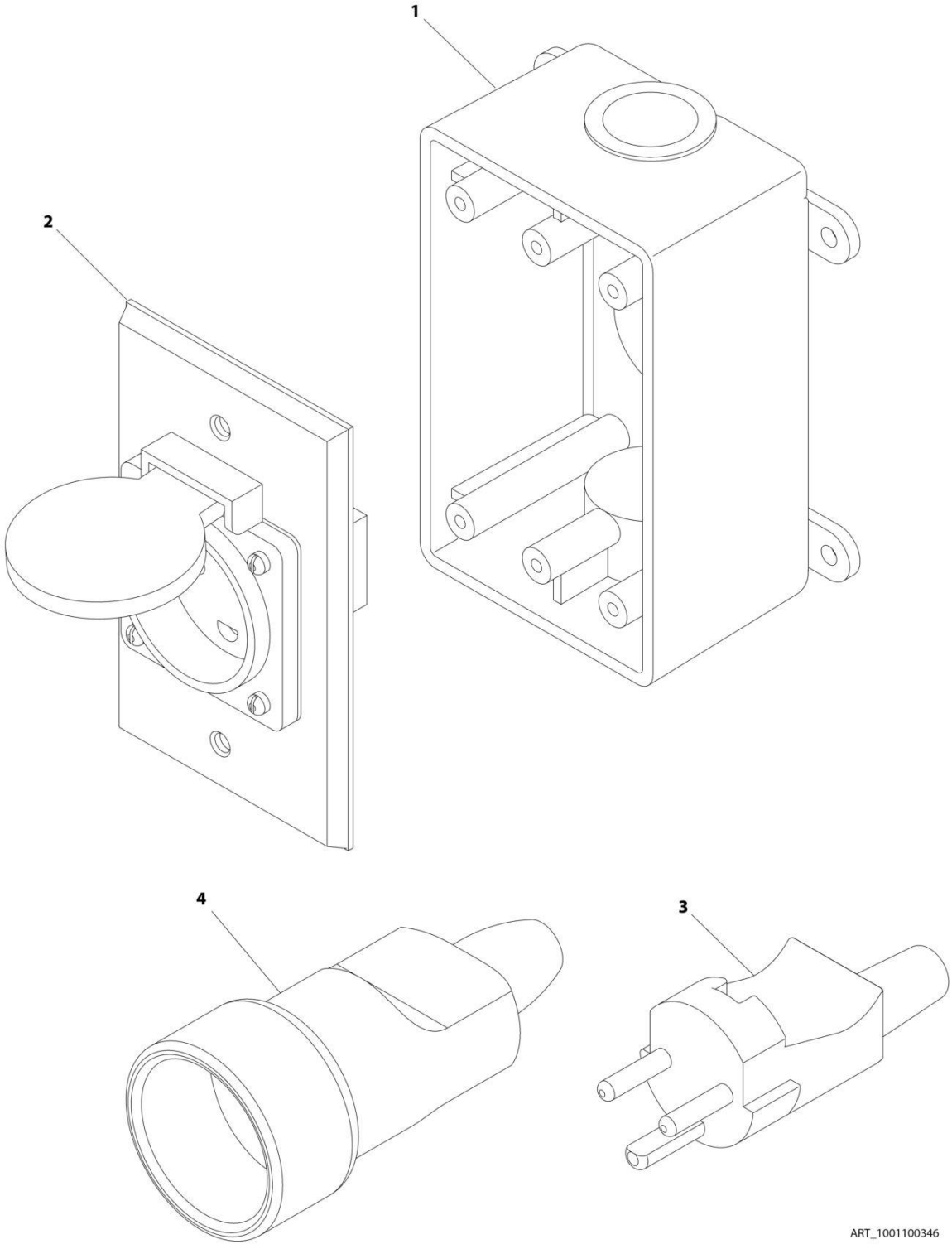
## FIGURE 8-97. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE & UK CA SPECS) (WITH 2500W GENERATOR OR NO GENERATOR OPTION)



## FIGURE 8-97. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE & UK CA SPECS) (WITH 2500W GENERATOR OR NO GENERATOR OPTION)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275454 | Ref | RECEPTACLE BOX KIT - 220V AFSINT 107 | B |
| 1 | 0861731 | 1 | Box, Switch | |
| 2 | 4461246 | 1 | Receptacle | |
| 3 | 4461249 | 1 | Plug, Male | |
| 4 | 1001100346 | 1 | Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461250) | |

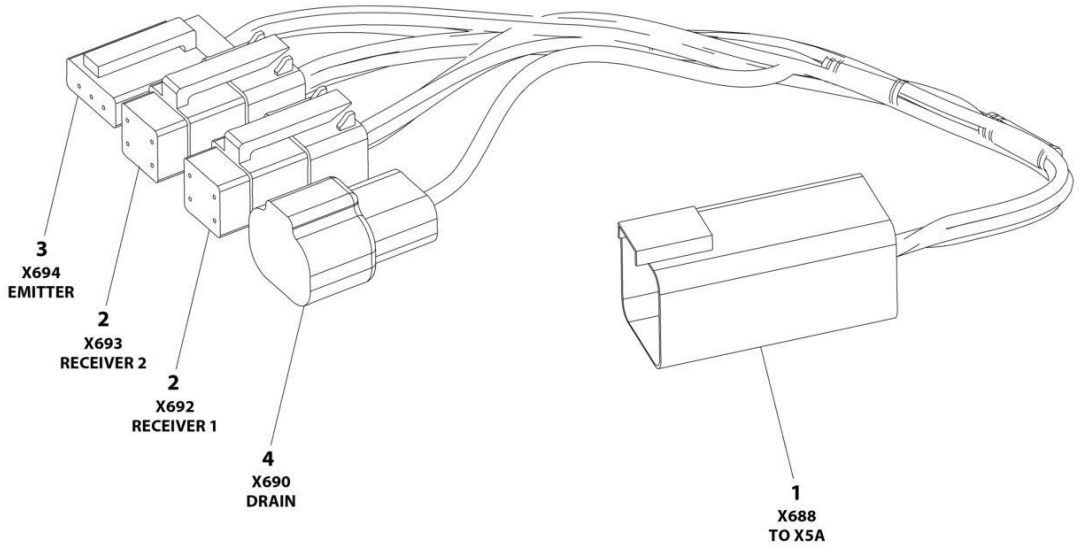
## FIGURE 8-98. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE & UK CA SPECS) (WITH 2500W GENERATOR)



## FIGURE 8-98. RECEPTACLE BOX KIT - 220V AFSINT107 KEYED GROUND (CE & UK CA SPECS) (WITH 2500W GENERATOR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001100346 | Ref | RECEPTACLE BOX KIT - 220V AFSINT 107 KEYED GROUND WITH 2500W GENERATOR (2X4 BOX) (CE & UK CA SPECS) | 2 |
| 1 | 0861731 | 1 | Box, Switch | |
| 2 | 4461246 | 1 | Receptacle | |
| 3 | 4461249 | 1 | Plug, Male | |
| 4 | 4461250 | 1 | Plug, Female | |

## FIGURE 8-99. SKYEYE INTERMEDIATE HARNESS

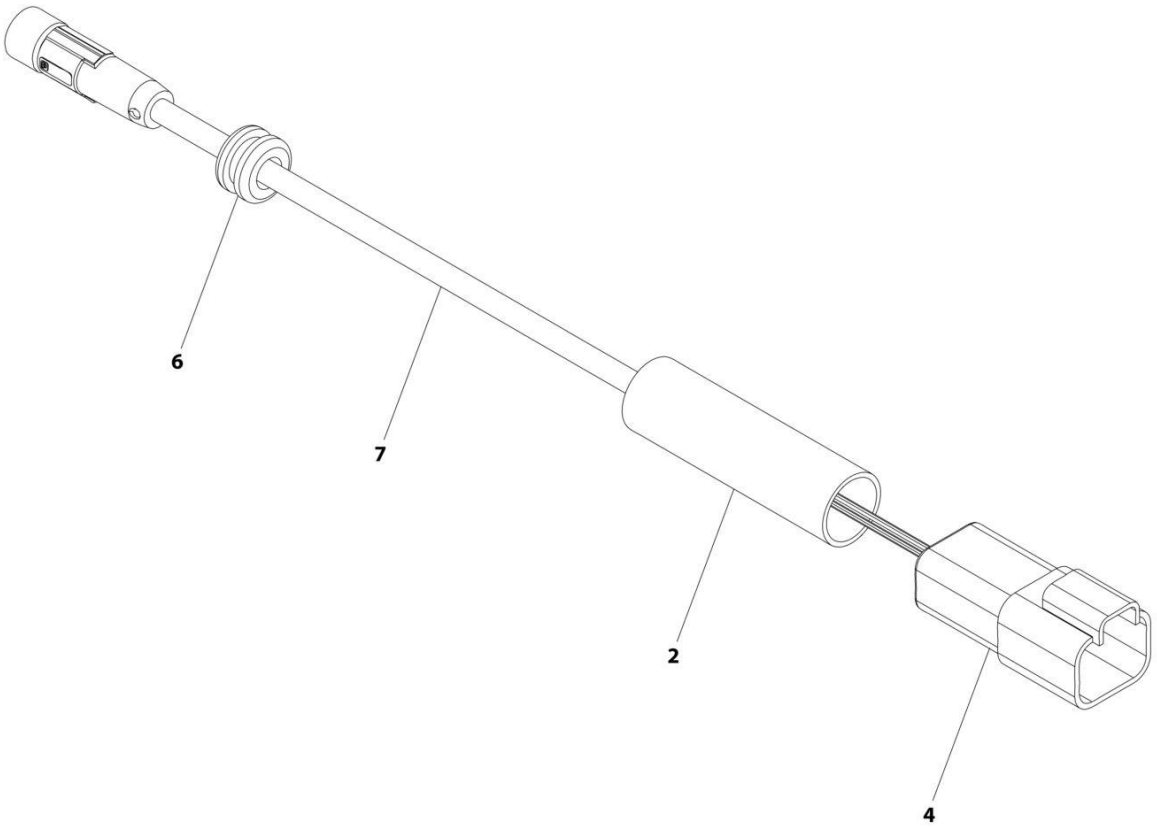



ART_1001237865

## FIGURE 8-99. SKYEYE INTERMEDIATE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237865 | Ref | SKYEYE INTERMEDIATE HARNESS | A |
| 1 | 4460899 | 1 | Connector - 6 Position | |
| 1 | 4460943 | 4 | Pin, Male | |
| 1 | 4460466 | 2 | Plug, Terminal | |
| 2 | 4461077 | 2 | Connector - 4 Position | |
| 2 | 1001119619 | 8 | Socket, Female | |
| 3 | 4460911 | 1 | Connector - 3 Position | |
| 3 | 1001119619 | 3 | Socket, Female | |
| 4 | 1001187681 | 1 | Connector - 2 Position | |
| 4 | 4460941 | 1 | Pin, Male | |
| 4 | 4460466 | 1 | Plug, Terminal | |

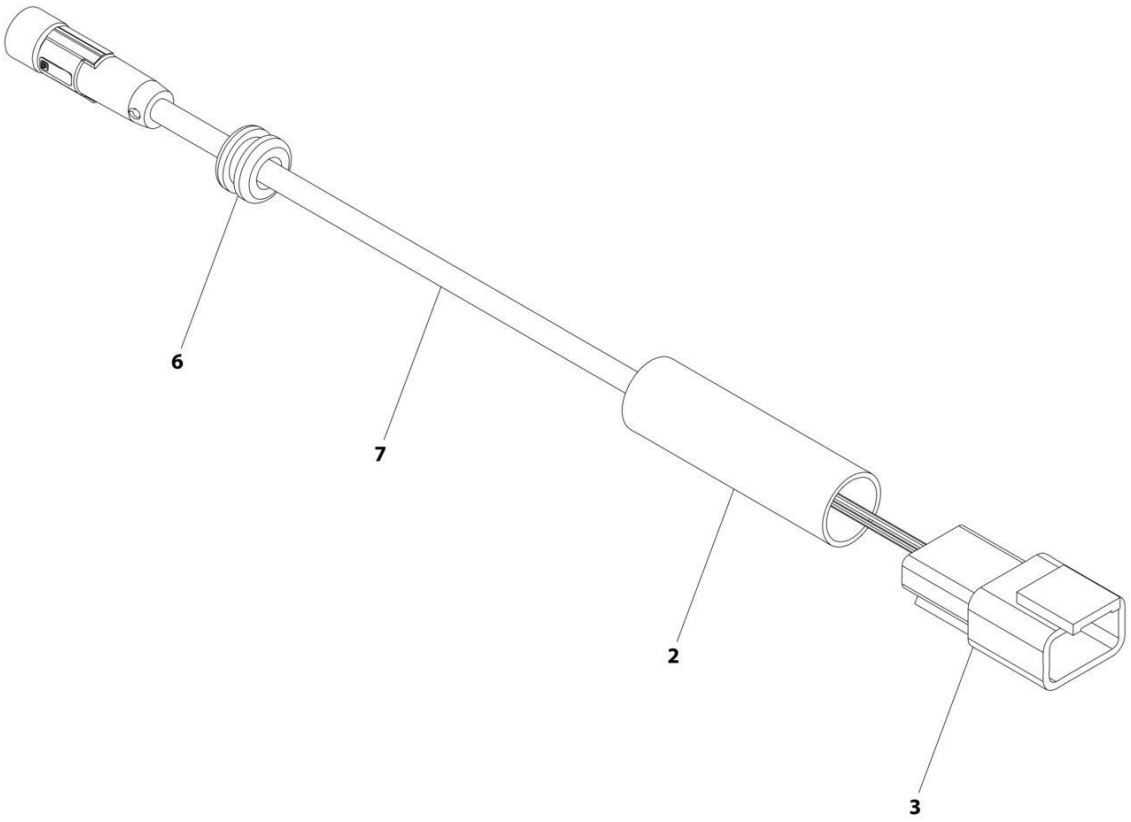
## FIGURE 8-100. SKYEYE RECEIVER HARNESS



## FIGURE 8-100. SKYEYE RECEIVER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237863 | Ref | SKYEYE RECEIVER HARNESS | A |
| 2 | 2820247 | AR | Tubing, Heat Shrink | |
| 4 | 1001097051 | 1 | Connector - 4 Position | |
| 4 | 1001119620 | 4 | Pin, Male | |
| 6 | 1001227996 | 1 | Grommet | |
| 7 | 1001237862 | 1 | Cable, M8 Female Cordset | |

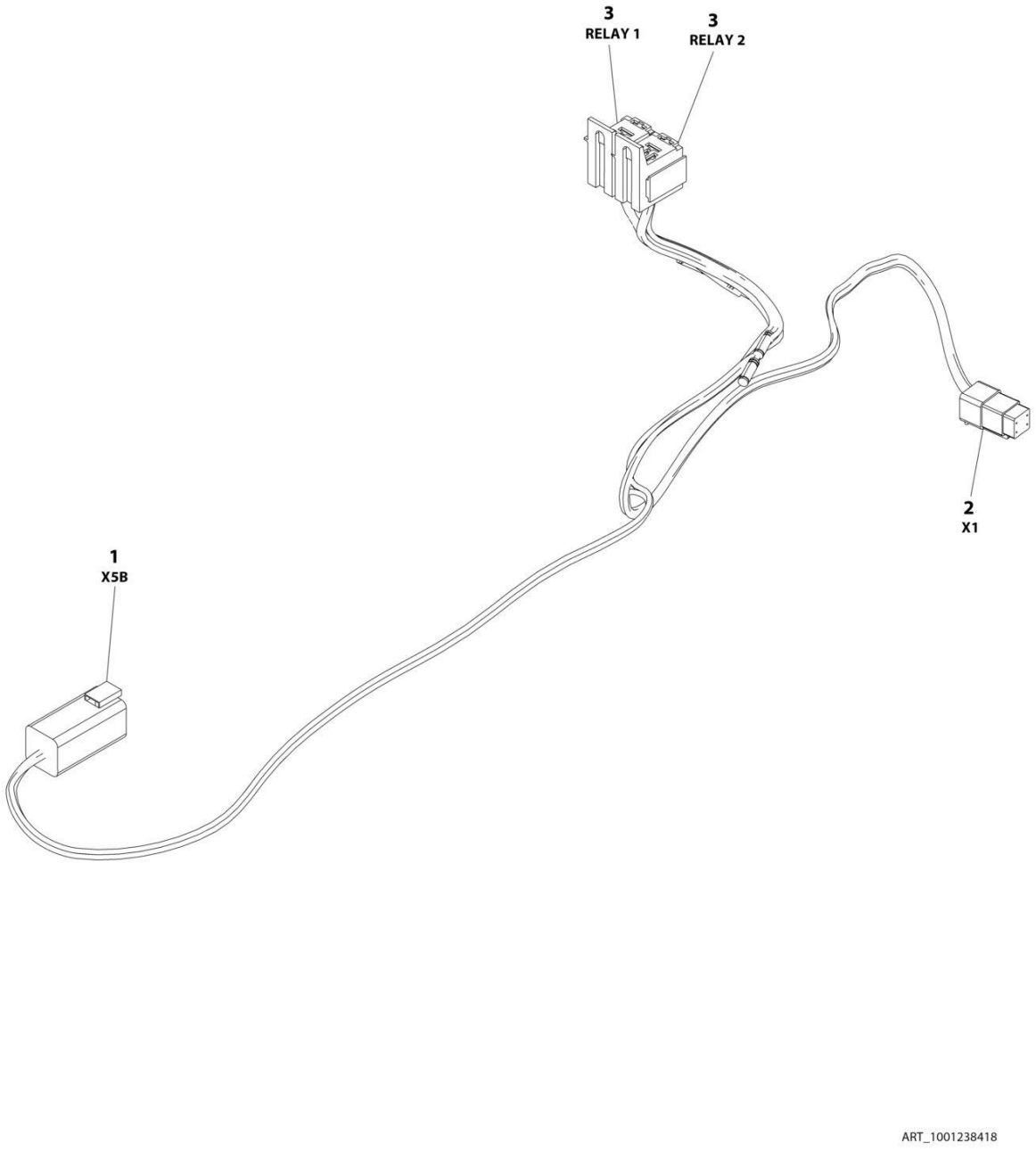
## FIGURE 8-101. SKYEYE EMITTER HARNESS



## FIGURE 8-101. SKYEYE EMITTER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237864 | Ref | SKYEYE EMITTER HARNESS | A |
| 2 | 2820247 | AR | Tubing, Heat Shrink | |
| 3 | 4460910 | 1 | Connector - 3 Position | |
| 3 | 1001119620 | 3 | Pin, Male | |
| 6 | 1001227996 | 1 | Grommet | |
| 7 | 1001237862 | 1 | Cable, M8 Female Cordset | |

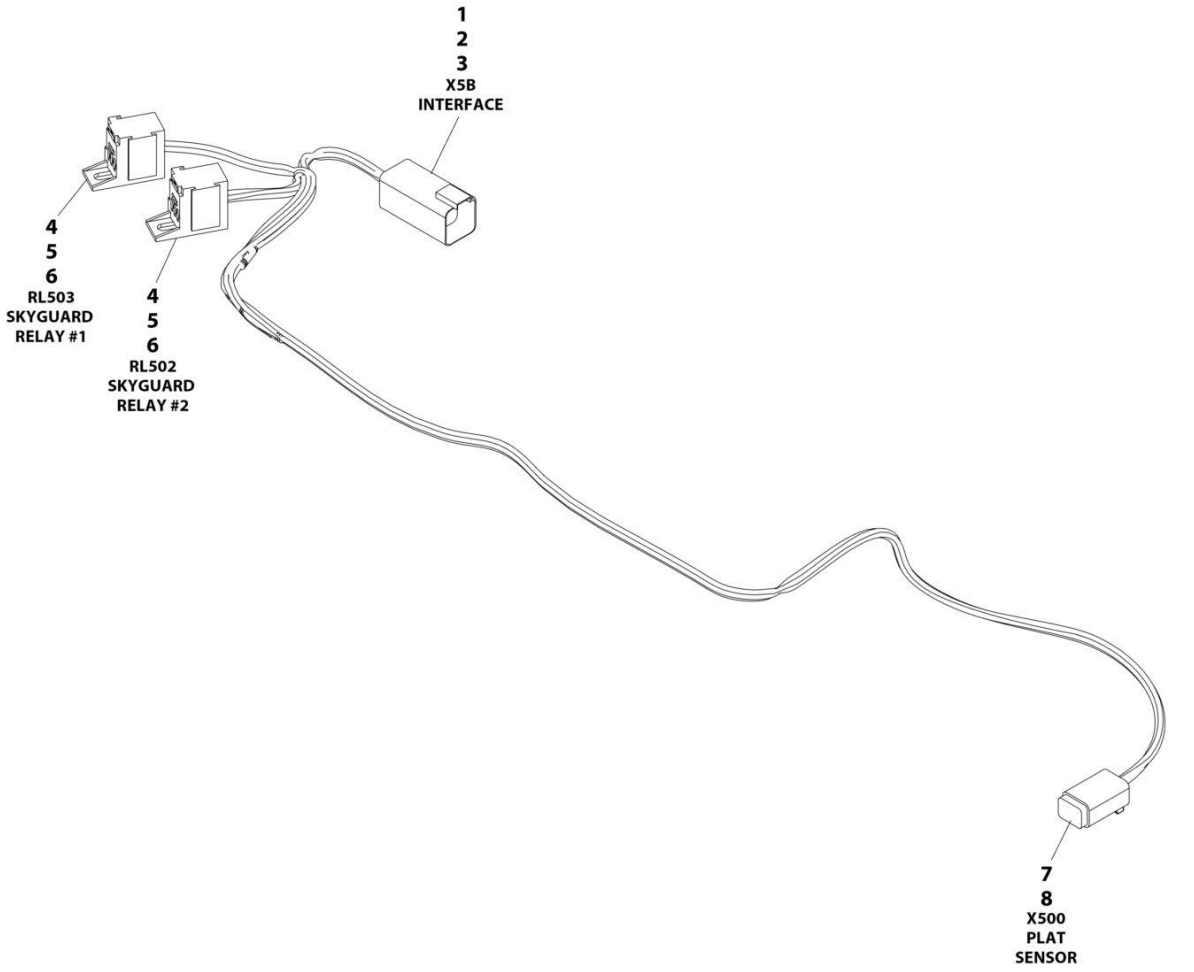
## FIGURE 8-102. SKYLINE HARNESS



## FIGURE 8-102. SKYLINE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238418 | Ref | SKYLINE HARNESS | B |
| 1 | 4460899 | 1 | Connector - 6 Position | |
| 1 | 4460464 | 4 | Pin, Male | |
| 1 | 4460466 | 2 | Plug, Terminal | |
| 2 | 4461077 | 1 | Connector - 4 Position | |
| 2 | 1001126009 | 4 | Socket, Female | |
| 3 | 1001186432 | 2 | Plug, Relay | |
| 3 | 1001118388 | 5 | Terminal | |
| 3 | 1001118384 | 3 | Terminal | |
| 3 | 3740086 | 2 | Relay | |

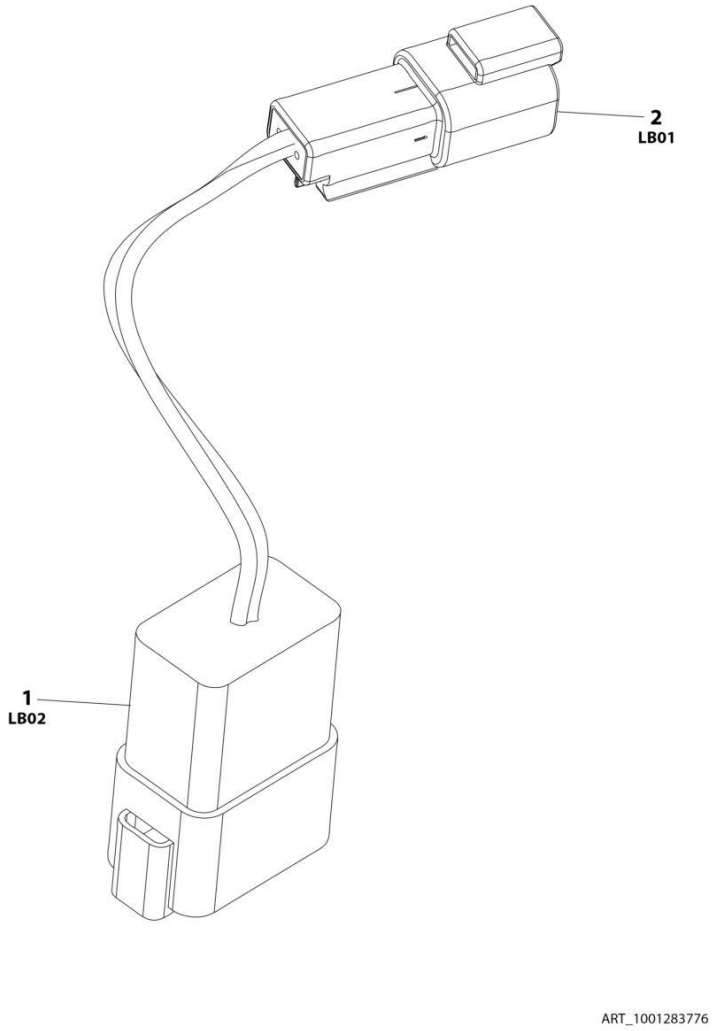
## FIGURE 8-103. SKYGUARD INERFACE HARNESS



## FIGURE 8-103. SKYGUARD INERFACE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001225580 | Ref | INTERFACE HARNESS - WITH 1 CELL LSS | D |
| 1 | 4460899 | 1 | Connector | |
| 2 | 4460464 | 4 | Terminal | |
| 3 | 4460466 | 2 | Plug | |
| 4 | 1001186432 | 2 | Connector | |
| 5 | 1001116720 | 4 | Terminal | |
| 6 | 1001118388 | 4 | Terminal | |
| 7 | 4460884 | 1 | Connector | |
| 8 | 4460465 | 4 | Terminal | |

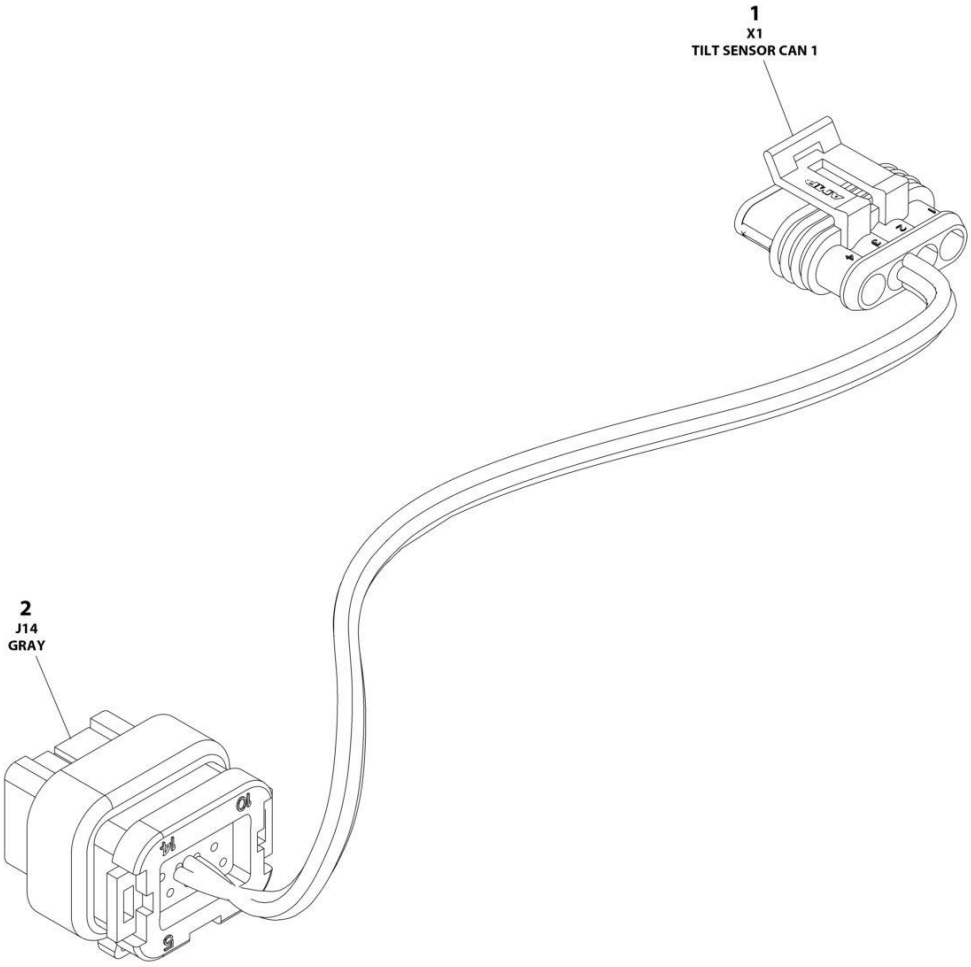
## FIGURE 8-104. STROBE LIGHT JUMPER HARNESS



## FIGURE 8-104. STROBE LIGHT JUMPER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001283776 | Ref | STROBE LIGHT HARNESS (AMBER) | A |
| 1 | 4460931 | 1 | Connector | |
| 1 | 4460464 | 2 | Pin | |
| 1 | 4460466 | 6 | Plug | |
| 2 | 4460897 | 1 | Connector | |
| 2 | 4460464 | 2 | Pin | |

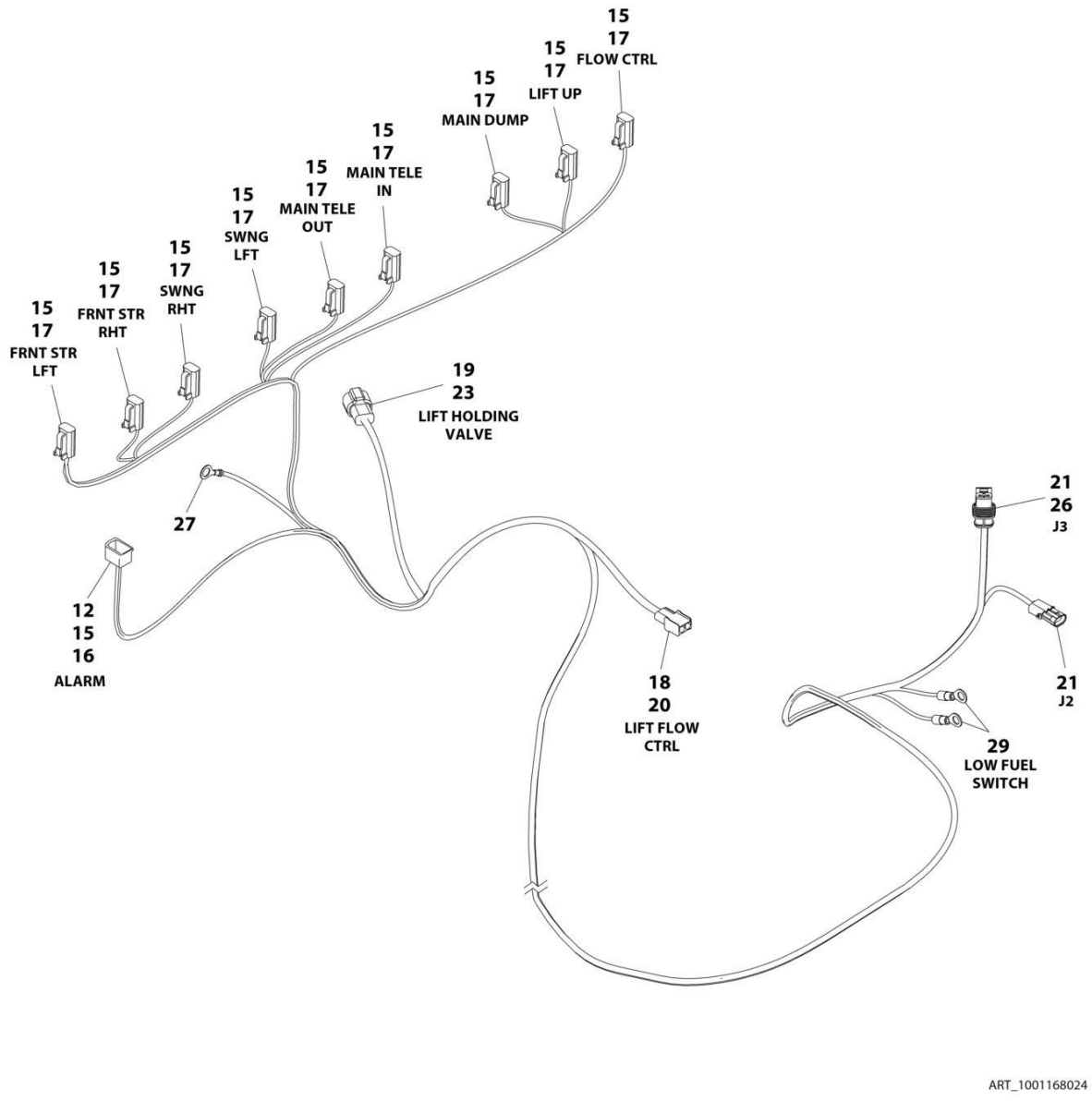
## FIGURE 8-105. TILT SENSOR HARNESS



## FIGURE 8-105. TILT SENSOR HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001276143 | Ref | TILT SENSOR HARNESS | B |
| 1 | 1001103012 | 1 | Connector - 4 Position | |
| 1 | 1001107854 | 4 | Terminal, Male | |
| 1 | 1001104498 | 4 | Terminal, Seal | |
| 2 | 1001246859 | 1 | Connector - 14 Position | |
| 2 | 4460871 | 4 | Socekt, Female | |
| 2 | 4460905 | 10 | Plug, Terminal | |

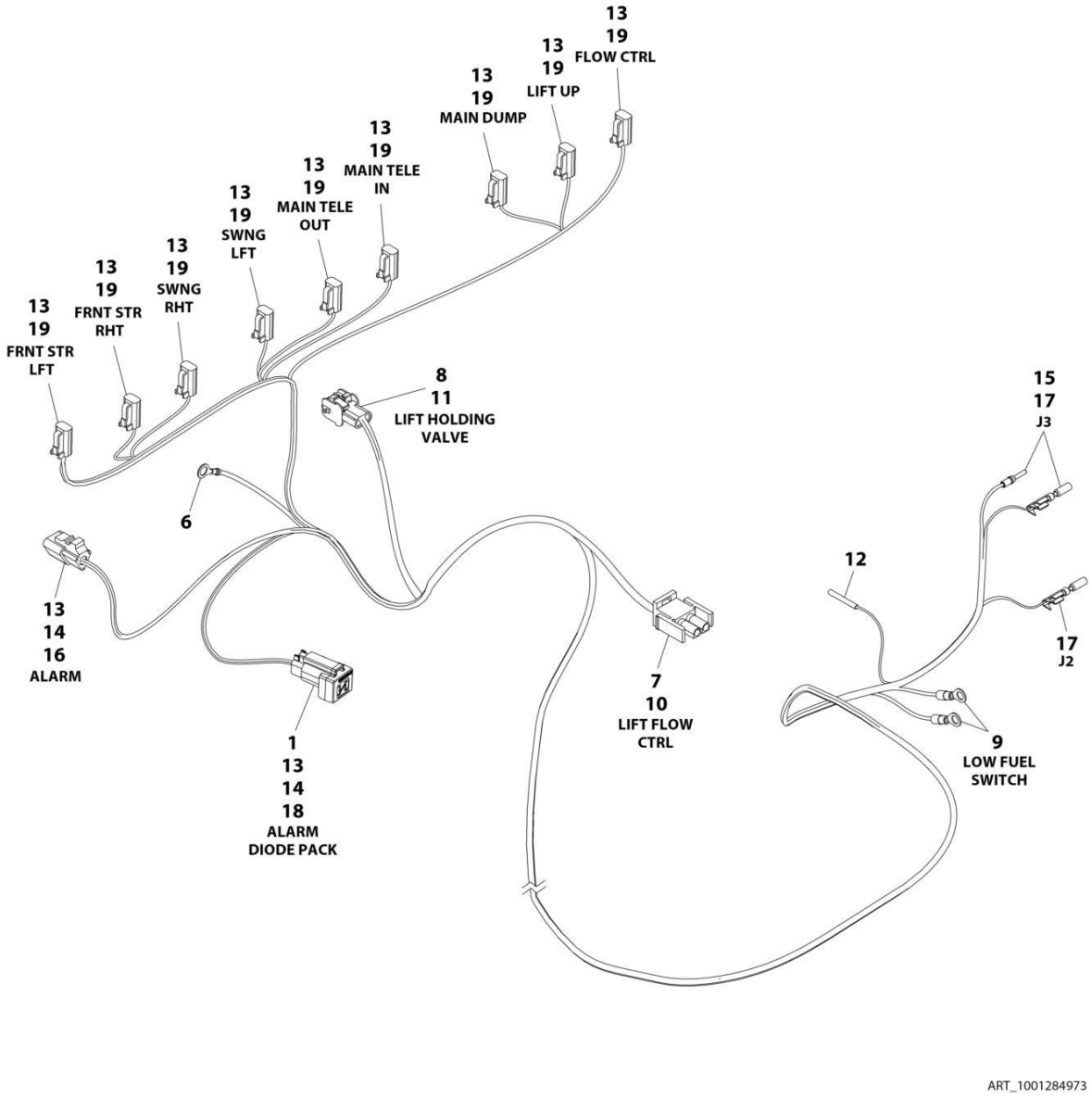
**FIGURE 8-106. VALVE HARNESS (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)**



## FIGURE 8-106. VALVE HARNESS (Prior to SN 0300298220, Prior to SN B300017904, Excluding 0300295807)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001168024 | Ref | VALVE HARNESS | E |
| 12 | 4460539 | 1 | Plug, Male - 3 Position | |
| 13 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 14 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 15 | 1001116693 | 20 | Socket, Female | |
| 16 | 4460466 | 1 | Plug, Terminal | |
| 17 | 4460891 | 9 | Plug, Male - 2 Position | |
| 18 | 4460320 | 1 | Plug, Male - 2 Position | |
| 19 | 4460267 | 2 | Pin, Male | |
| 20 | 4460226 | 2 | Socket, Female | |
| 21 | 4460871 | 23 | Socket, Female | |
| 23 | 4460424 | 1 | Receptacle, Female - 2 Position | |
| 26 | 4460508 | 1 | Terminal | |
| 27 | 4460019 | 1 | Terminal, Ring | |
| 29 | 4460313 | 2 | Terminal, Ring | |

## FIGURE 8-107. VALVE HARNESS (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)



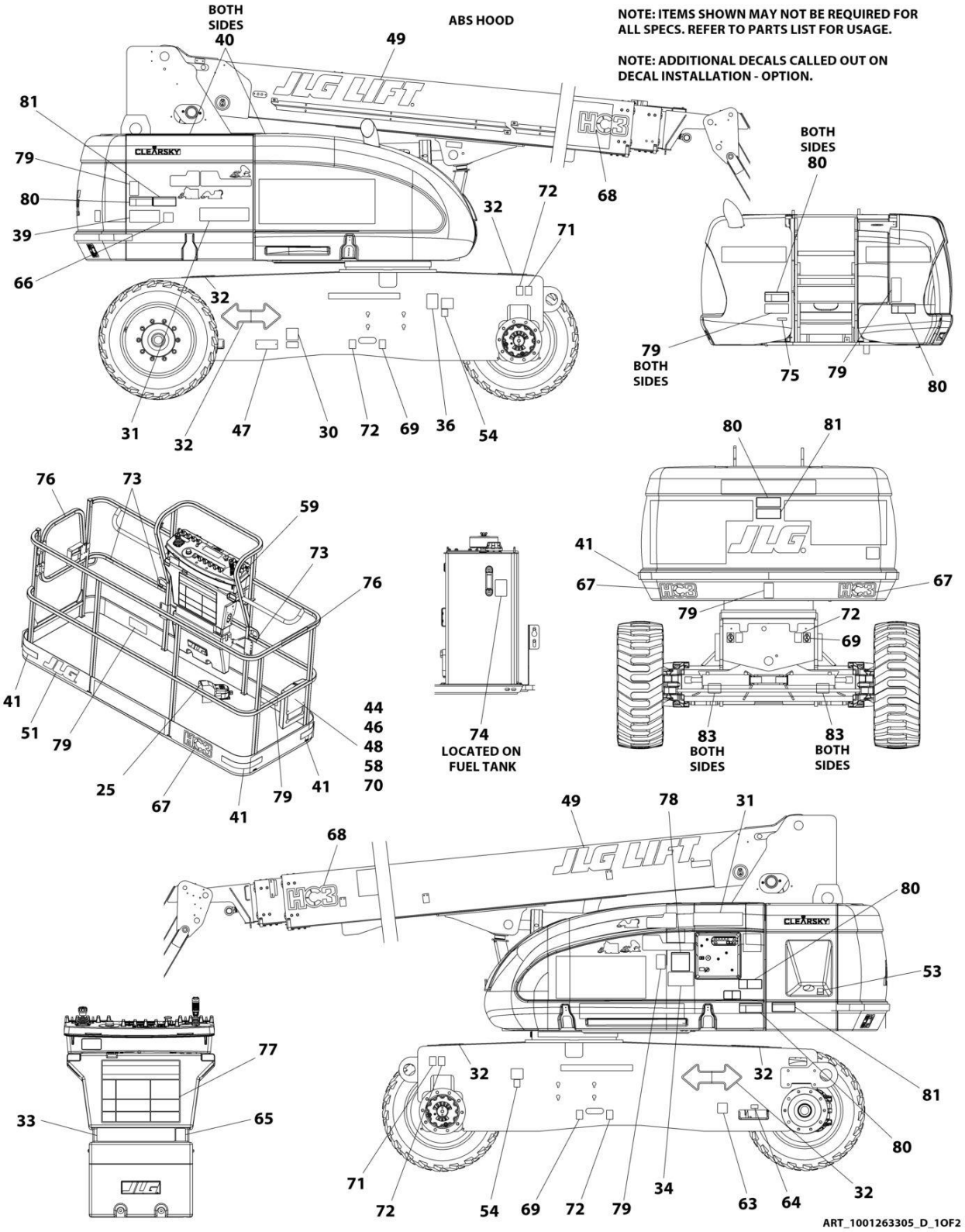
## FIGURE 8-107. VALVE HARNESS (SN 0300298220 to Present, SN B300017904 to Present, Including 0300295807)

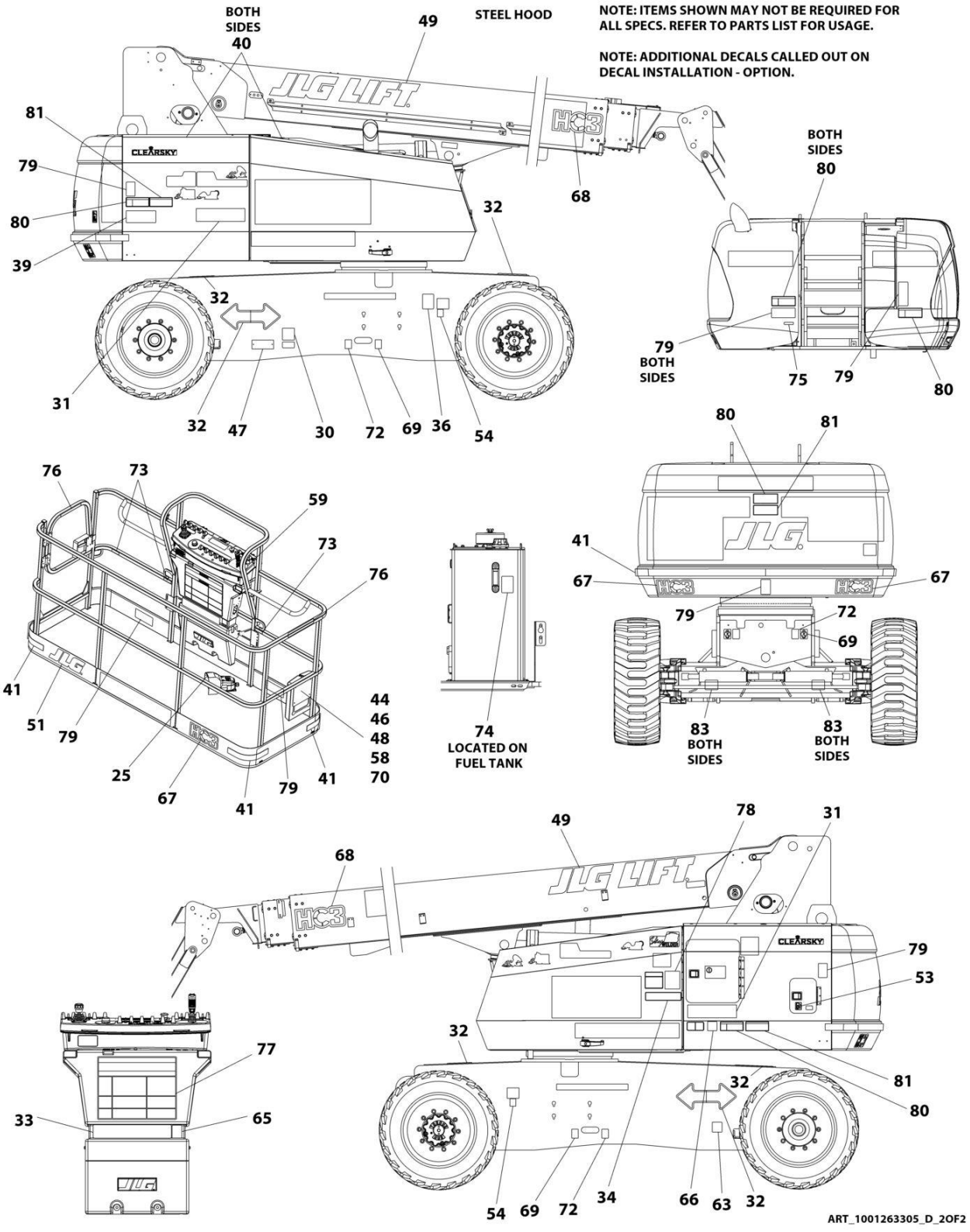
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001284973 | Ref | VALVE HARNESS | C |
| 1 | 1001152266 | 1 | Connector | |
| 6 | 4460019 | 1 | Terminal, Ring | |
| 7 | 4460226 | 2 | Socket | |
| 8 | 4460267 | 2 | Pin | |
| 9 | 4460313 | 2 | Terminal, Ring | |
| 10 | 4460320 | 1 | Terminal, Plug | |
| 11 | 4460424 | 1 | Terminal, Plug | |
| 12 | 4460464 | 1 | Pin | |
| 13 | 4460465 | 23 | Socket | |
| 14 | 4460466 | 3 | Plug, Seal | |
| 15 | 4460508 | 1 | Terminal | |
| 16 | 4460539 | 1 | Terminal, Plug | |
| 17 | 4460871 | 20 | Socket | |
| 18 | 4460884 | 1 | Connector | |
| 19 | 4460891 | 9 | Connector | |
| 26 | 4460897 | 1 | Connector (Not Shown) | |

# SECTION 9 - DECALS

# SECTION 9 - DECALS

## FIGURE 9-1. DECAL INSTALLATION (ANSI SPECS) (800S HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
68
JLG LIFT
HC3
CLEARSKY
BOTH SIDES
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
79
25
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
79
53
32
77
33
65
81
80
54
69
72
34
66
63
32
ART_1001263305_D_2OF2

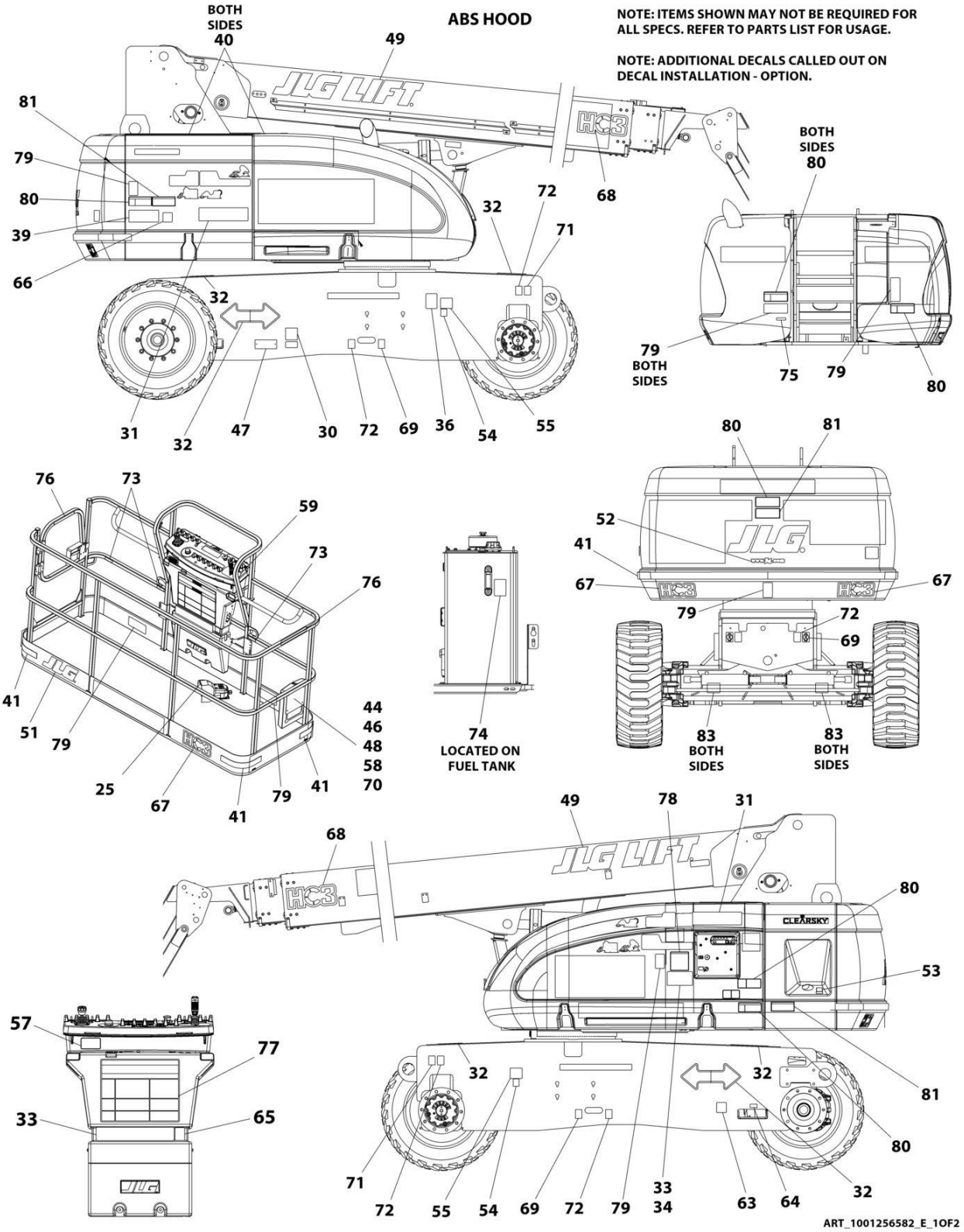
# SECTION 9 - DECALS

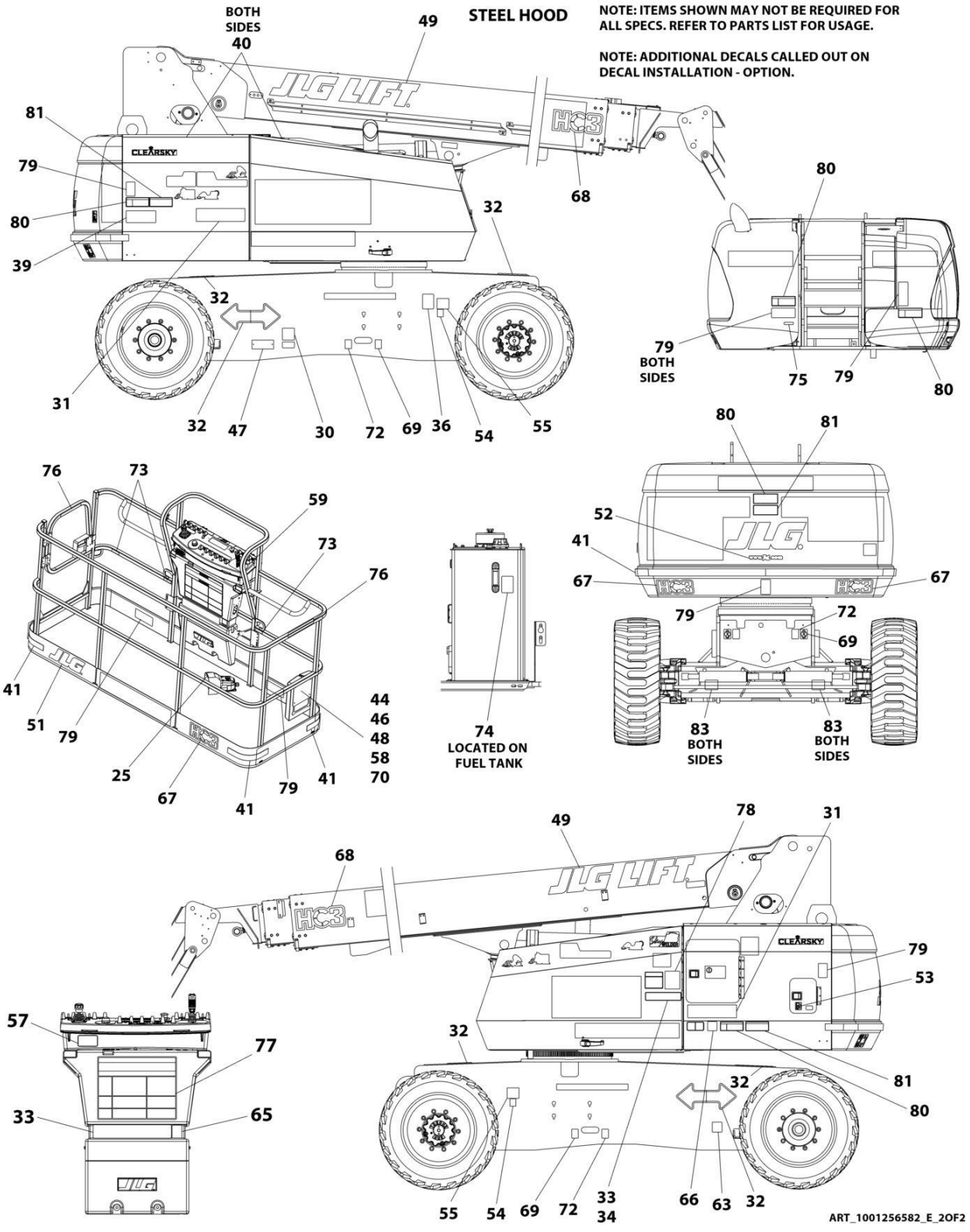
## FIGURE 9-1. DECAL INSTALLATION (ANSI SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263305 | Ref | DECAL INSTALLATION | D |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 25 | 3252347 | 1 | Decal - Footswitch | |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267308 | 2 | Decal - 800S | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256567 | 1 | Decal - Warning | |
| 34 | 1001256568 | 1 | Decal - Warning | |
| 36 | 1001131269 | 1 | Decal - Patent | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705351 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001223055 | 1 | Decal - Yearly Inspection | |
| 64 | 1001223453 | 1 | Decal - ICES | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1702868 | 2 | Decal - No Hands | |
| 77 | 1703797 | 1 | Decal - Warning/Danger | |
| 78 | 1705336 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703804 | 5 | Decal - Warning Crushing | |
| 80 | 1703805 | 5 | Decal - Danger Electrocution | |
| 81 | 1703953 | 7 | Decal - Warning Crushing | |
| 83 | 1703475 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-2. DECAL INSTALLATION (ANSI SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
55
68
JLG LIFT
HC3
CLEARSKY
79
BOTH SIDES
75
ART_1001256582_E_2OF2

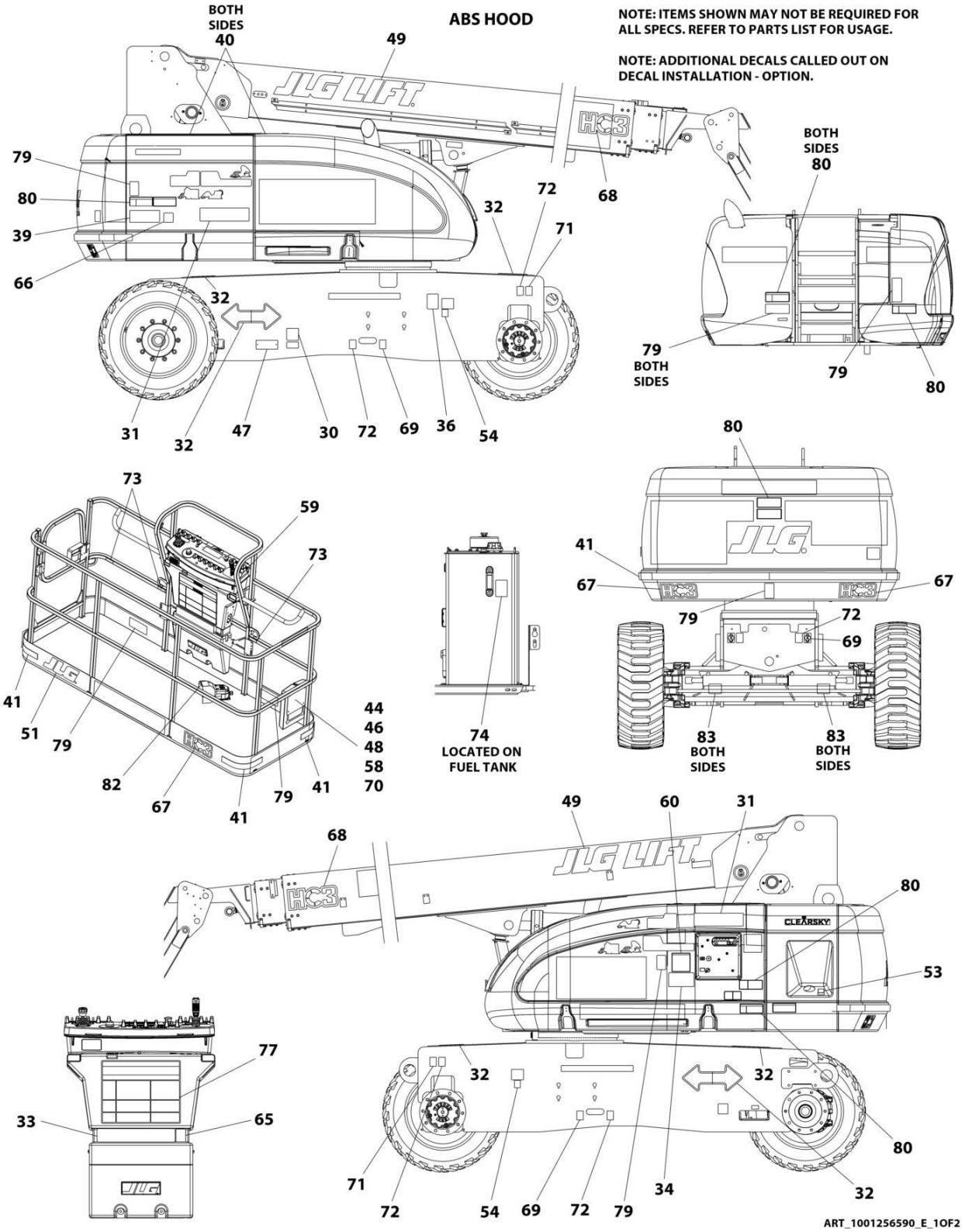
# SECTION 9 - DECALS

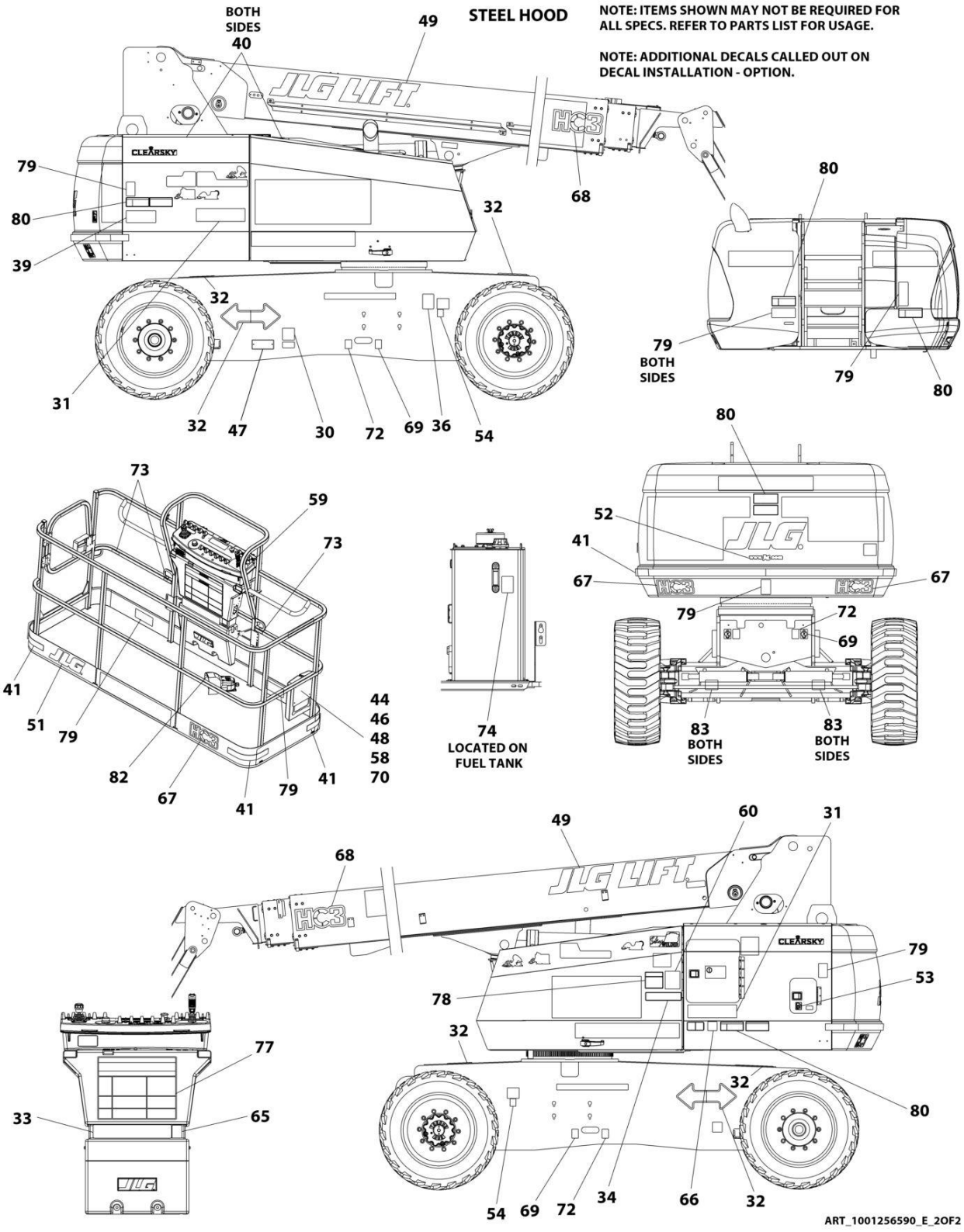
## FIGURE 9-2. DECAL INSTALLATION (ANSI SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256582 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 25 | 3252347 | 1 | Decal - Footswitch | |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256567 | 1 | Decal - Warning | |
| 34 | 1001256568 | 1 | Decal - Warning | |
| 36 | 1001131269 | 1 | Decal - Patent | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705351 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001223055 | 1 | Decal - Yearly Inspection | |
| 64 | 1001223453 | 1 | Decal - ICES | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1702868 | 2 | Decal - No Hands | |
| 77 | 1703797 | 1 | Decal - Warning/Danger | |
| 78 | 1705336 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703804 | 5 | Decal - Warning Crushing | |
| 80 | 1703805 | 5 | Decal - Danger Electrocution | |
| 81 | 1703953 | 7 | Decal - Warning Crushing | |
| 83 | 1703484 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-3. DECAL INSTALLATION (AUSTRALIAN SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
JLG LIFT
HC3
CLEARSKY
79
80
39
32
68
31
47
30
72
69
36
54
BOTH SIDES
73
59
41
51
44
46
48
58
70
82
67
74
LOCATED ON FUEL TANK
52
JLG
83
BOTH SIDES
60
53
78
77
33
65
66
34
ART_1001256590_E_2OF2

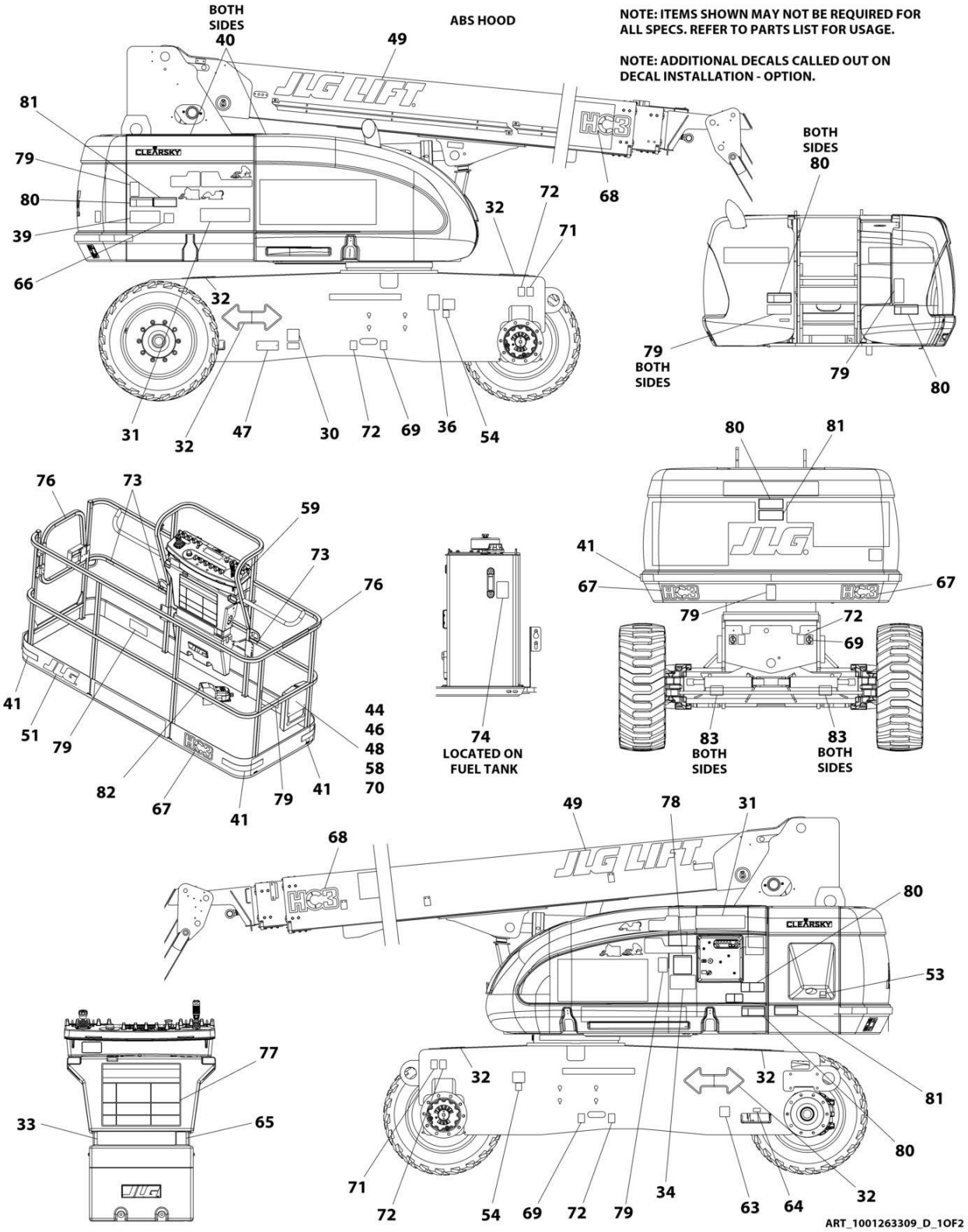
# SECTION 9 - DECALS

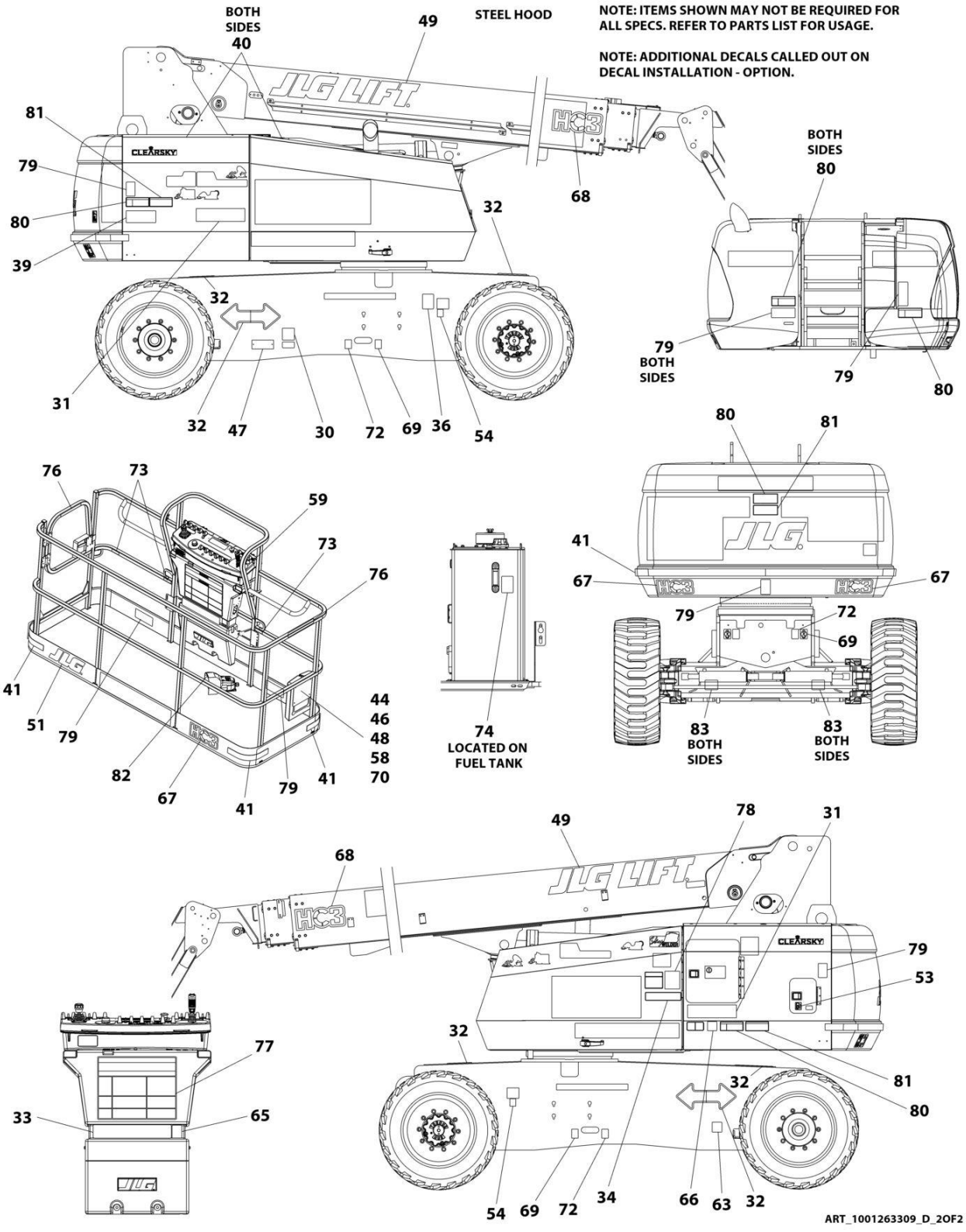
## FIGURE 9-3. DECAL INSTALLATION (AUSTRALIAN SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256590 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | 1 | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256581 | 2 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | AR | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 60 | 1001112551 | 1 | Decal - Emergency Control | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Lifting Lug | |
| 72 | 1703814 | 6 | Decal - Tie Down/Lift | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 77 | 1705921 | 1 | Decal - Tipping | |
| 78 | 1705822 | 1 | Decal - Warning | |
| 79 | 1701518 | 10 | Decal - Warning Crushing | |
| 80 | 1705961 | 5 | Decal - Danger Electrocution | |
| 82 | 1705828 | 1 | Decal - Footswitch | |
| 83 | 1703484 | 1 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-4. DECAL INSTALLATION (BRAZILIAN SPECS) (800S HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
68
JLG LIFT
HC3
CLEARSKY
BOTH SIDES
80
79
BOTH SIDES
79
80
32
47
30
72
69
36
54
76
73
59
73
76
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
JLG LIFT
HC3
CLEARSKY
79
53
77
33
65
32
32
81
80
54
69
72
34
66
63
32
ART_1001263309_D_2OF2

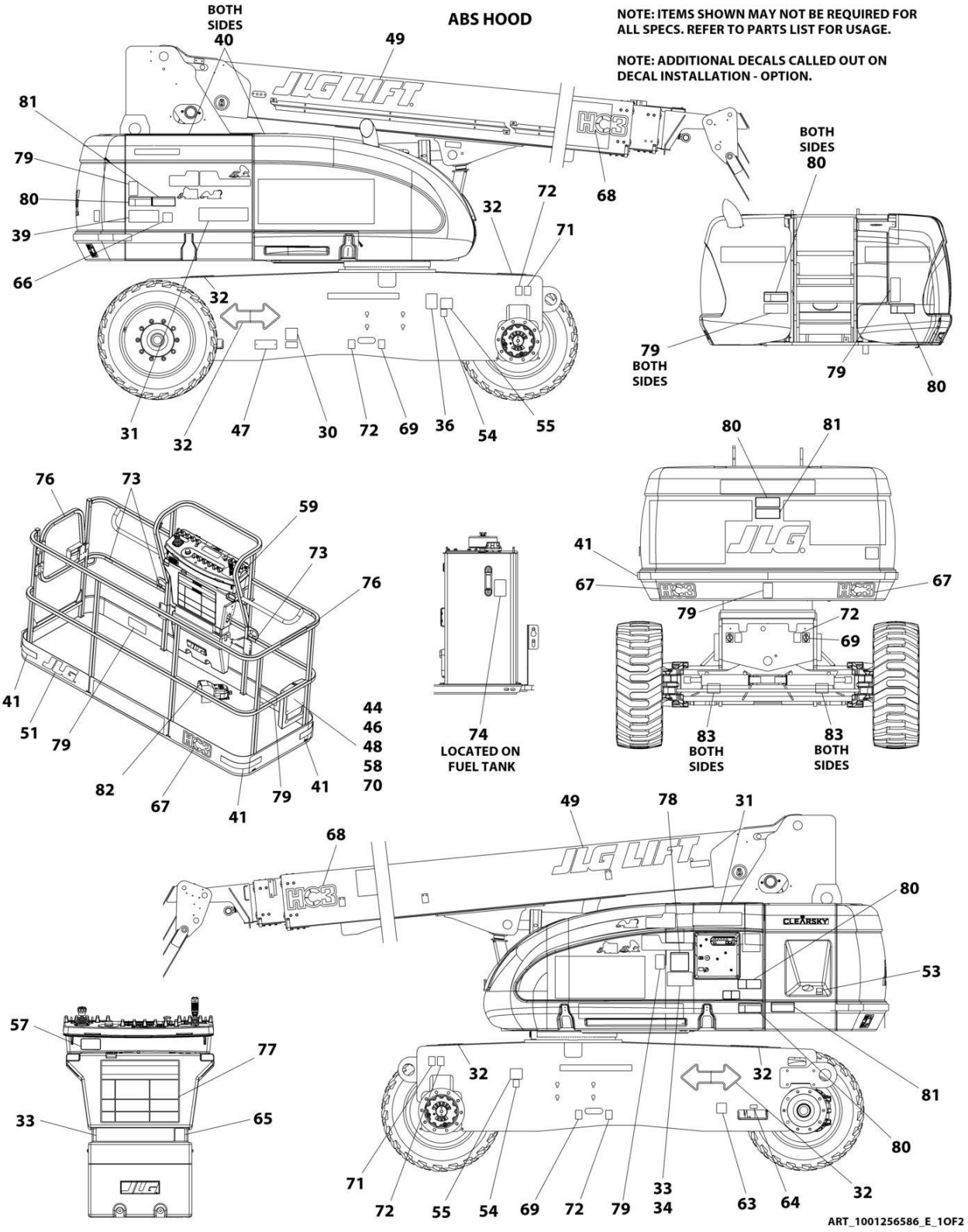
# SECTION 9 - DECALS

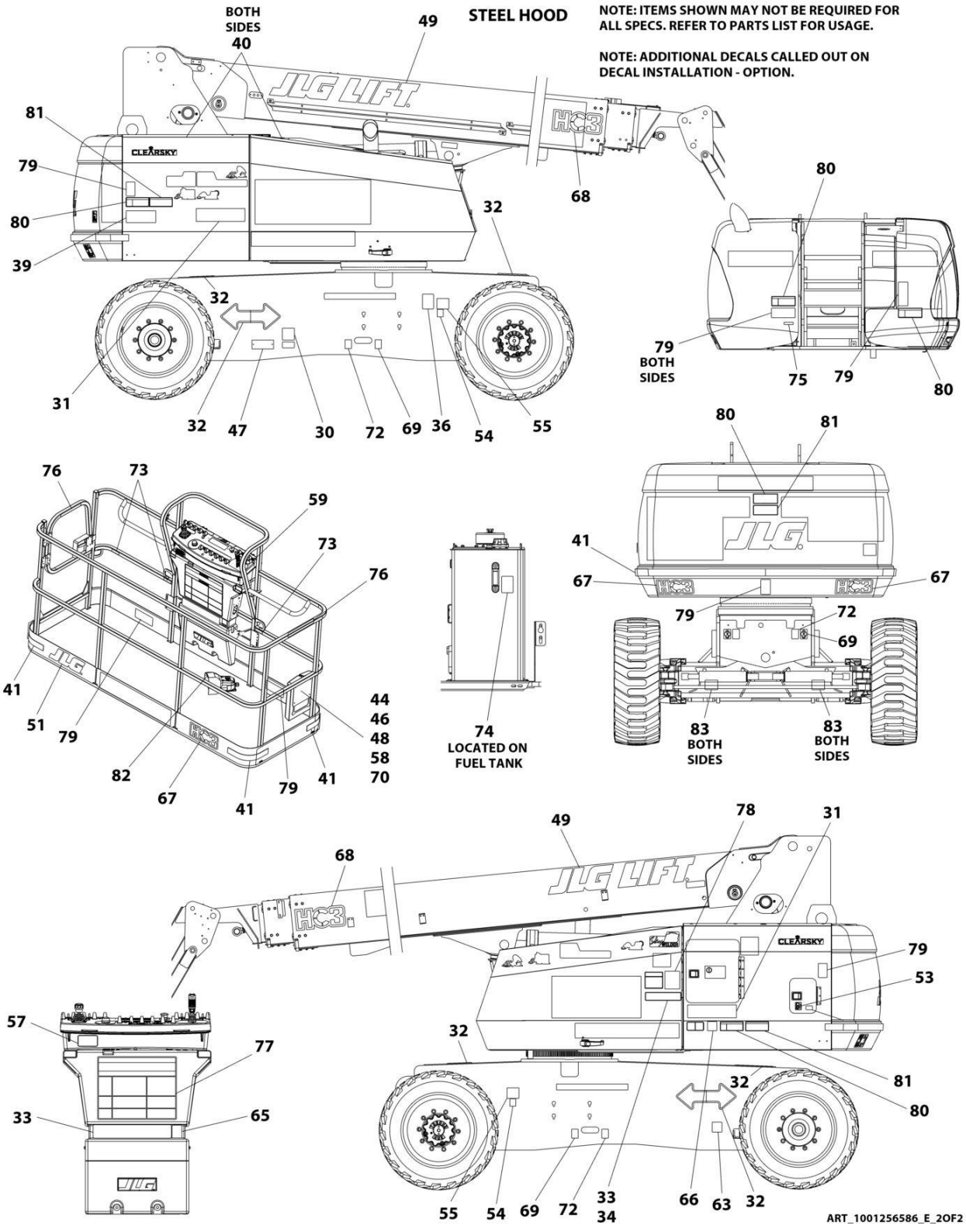
## FIGURE 9-4. DECAL INSTALLATION (BRAZILIAN SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263309 | Ref | DECAL INSTALLATION | D |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267308 | 2 | Decal - 800S | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256575 | 1 | Decal - Warning | |
| 34 | 1001256576 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705905 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224052 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 76 | 1705967 | 2 | Decal - No Hands | |
| 77 | 1705895 | 1 | Decal - Warning/Danger | |
| 78 | 1705896 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1705898 | 5 | Decal - Warning Crushing | |
| 80 | 1705897 | 5 | Decal - Danger Electrocution | |
| 81 | 1705903 | 7 | Decal - Warning Crushing | |
| 82 | 1705902 | 1 | Decal - Foot Switch | |
| 83 | 1703475 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-5. DECAL INSTALLATION (BRAZILIAN SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
55
68
JLG LIFT
HC3
CLEARSKY
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
JLG LIFT
HC3
CLEARSKY
79
53
57
77
33
65
32
81
80
55
54
69
72
33
34
66
63
32
ART_1001256586_E_2OF2

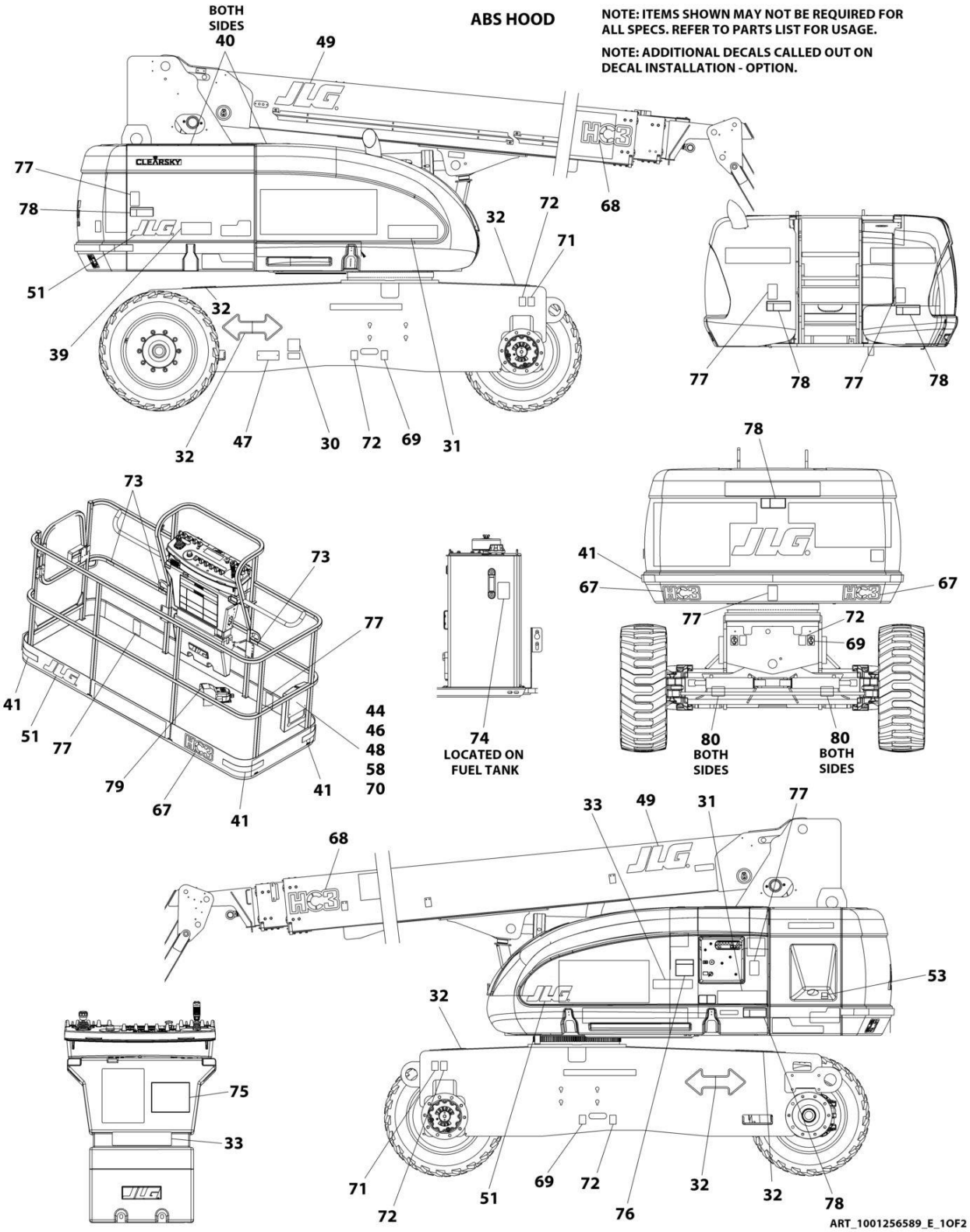
# SECTION 9 - DECALS

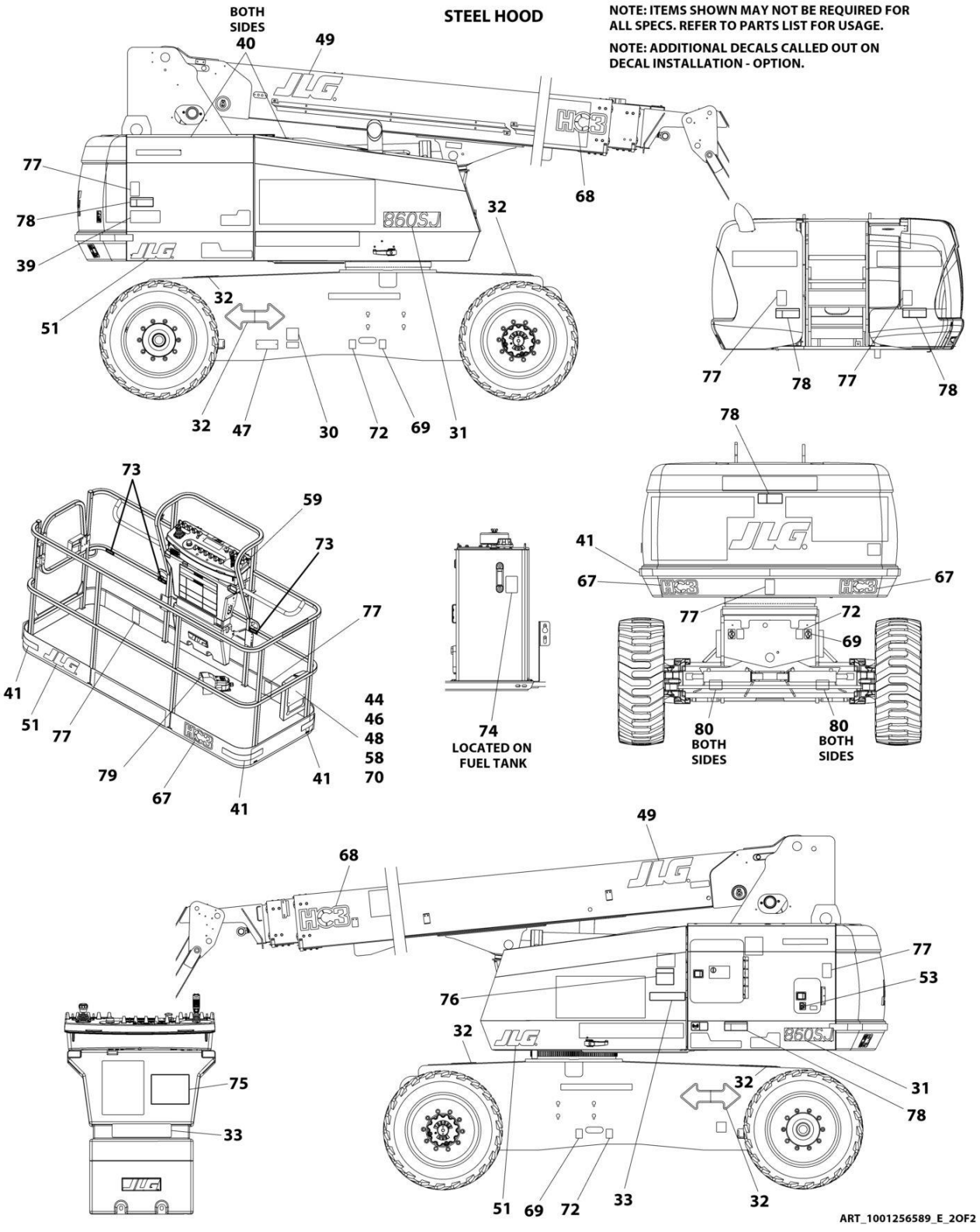
## FIGURE 9-5. DECAL INSTALLATION (BRAZILIAN SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256586 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - Model | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256575 | 1 | Decal - Warning | |
| 34 | 1001256576 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705905 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224052 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 76 | 1705967 | 2 | Decal - No Hands | |
| 77 | 1705895 | 1 | Decal - Warning/Danger | |
| 78 | 1705896 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1705898 | 5 | Decal - Warning Crushing | |
| 80 | 1705897 | 5 | Decal - Danger Electrocution | |
| 81 | 1705903 | 7 | Decal - Warning Crushing | |
| 82 | 1705902 | 1 | Decal - Foot Switch | |
| 83 | 1703484 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-6. DECAL INSTALLATION (CE & UK CA SPECS) (860SJ HC3)




BOTH SIDES
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
74 LOCATED ON FUEL TANK
80 BOTH SIDES
80 BOTH SIDES
ART_1001256589_E_2OF2

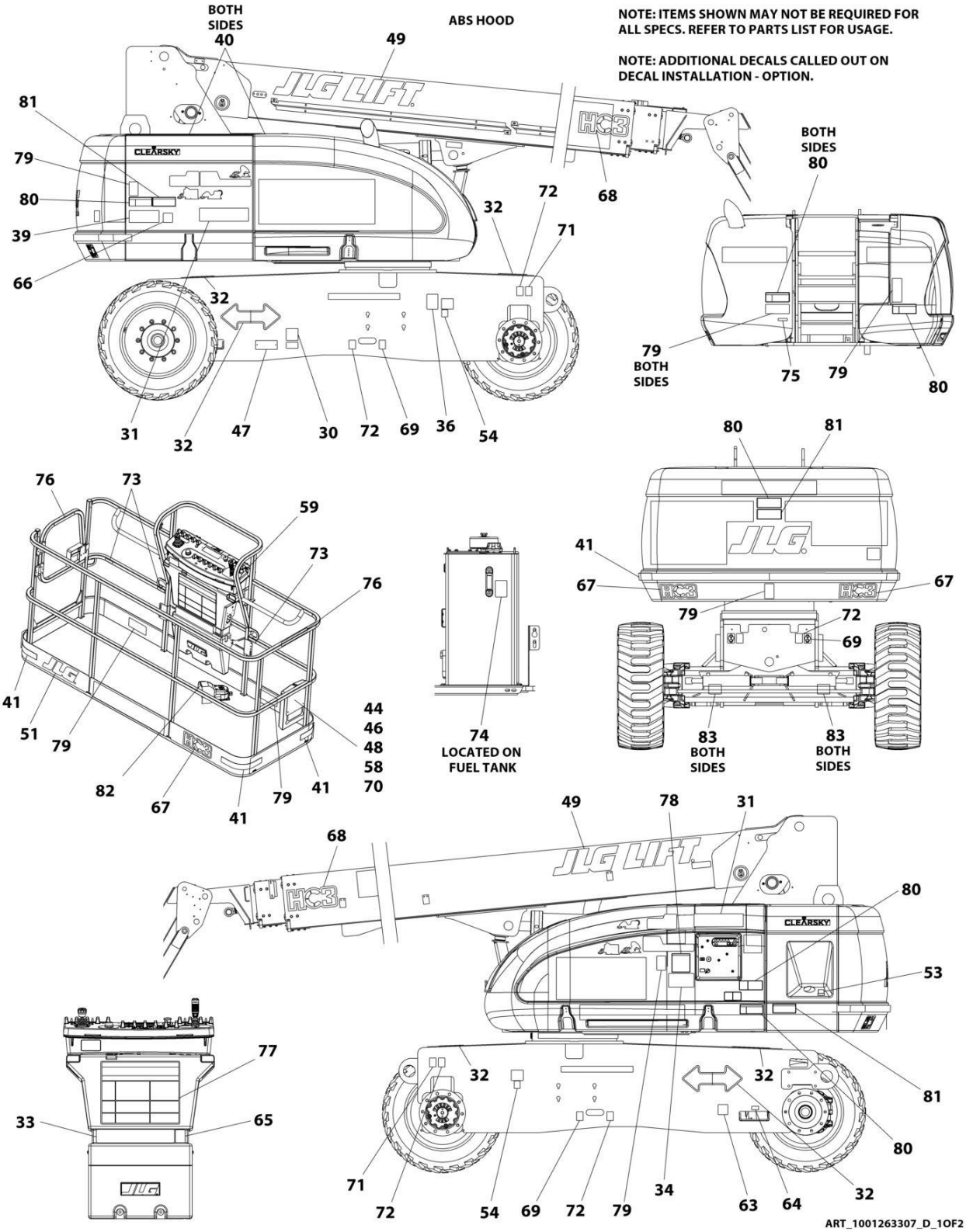
# SECTION 9 - DECALS

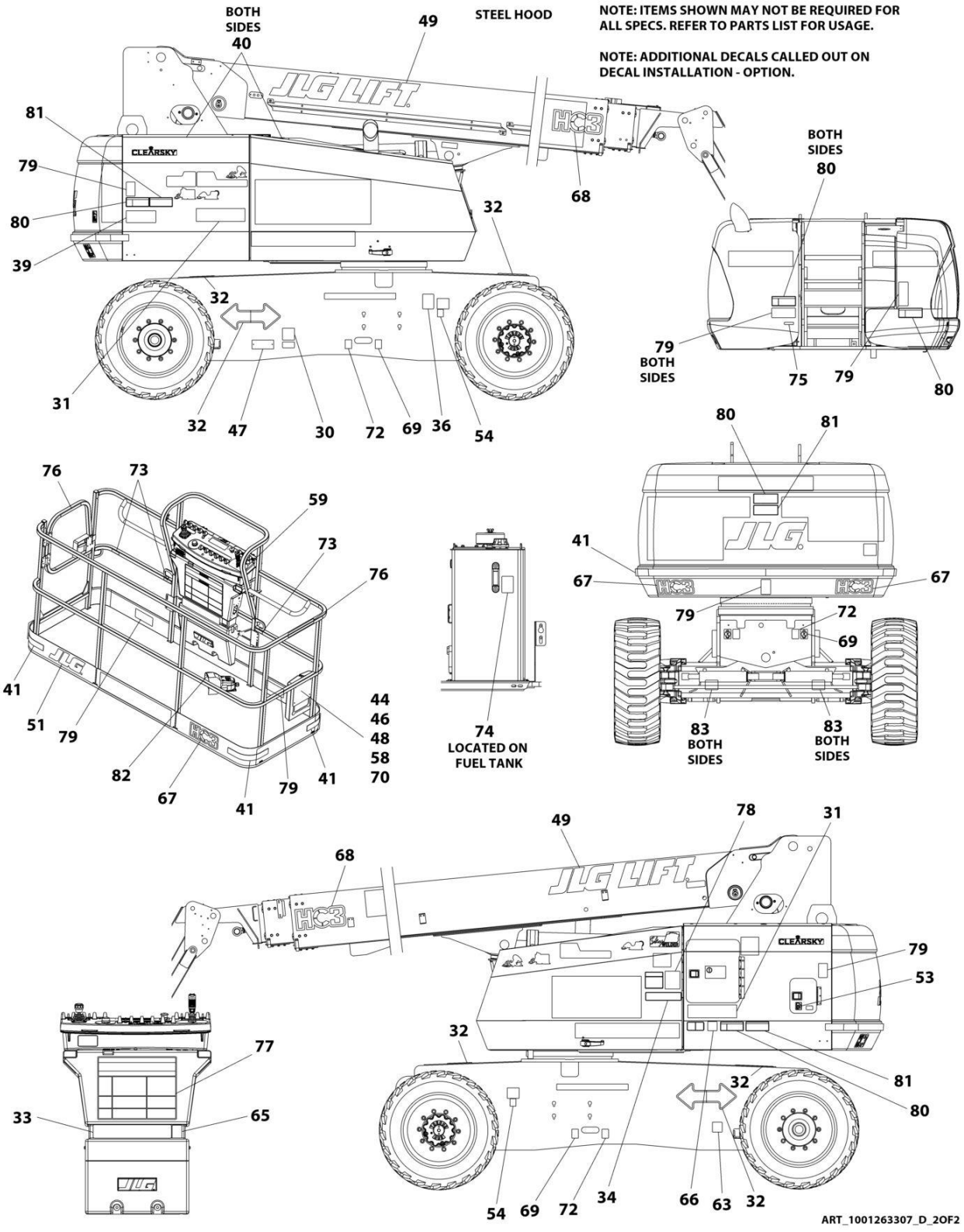
## FIGURE 9-6. DECAL INSTALLATION (CE & UK CA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256589 | Ref | DECAL INSTALLATION | E |
| | 1001263459 | Ref | REFERENCE CHART | B |
| 30 | See Note | 1 | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256581 | 2 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | AR | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 49 | 1001159323 | 2 | Decal - JLG, Black | |
| 51 | 1702773 | 3 | Decal - JLG | |
| 58 | 0641406 | 4 | Washer 1/4 | |
| 67 | 1001244212 | 3 | Decal - Capacity | |
| 68 | 1001256906 | 2 | Decal - Capacity | |
| 69 | 1701499 | 1 | Decal - No Lift | |
| 70 | 1701509 | 4 | Decal - Manual | |
| 71 | 1703811 | 6 | Decal - Lifting Lug | |
| 72 | 1703814 | 1 | Decal - Tie Down | |
| 73 | 1704277 | 1 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Oil Chart | |
| 75 | 1705921 | 1 | Decal - Tipping | |
| 76 | 1705822 | 1 | Decal - Warning | |
| 77 | 1701518 | 10 | Decal - Warning Crushing | |
| 78 | 1705961 | 5 | Decal - Danger Electrocution | |
| 79 | 1705828 | 1 | Decal - Footswitch | |
| 80 | 1703484 | 1 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-7. DECAL INSTALLATION (CHINESE SPECS) (800S HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
68
JLG LIFT
HC3
CLEARSKY
BOTH SIDES
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
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82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
JLG
49
78
31
68
JLG LIFT
HC3
CLEARSKY
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53
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32
ART_1001263307_D_2OF2

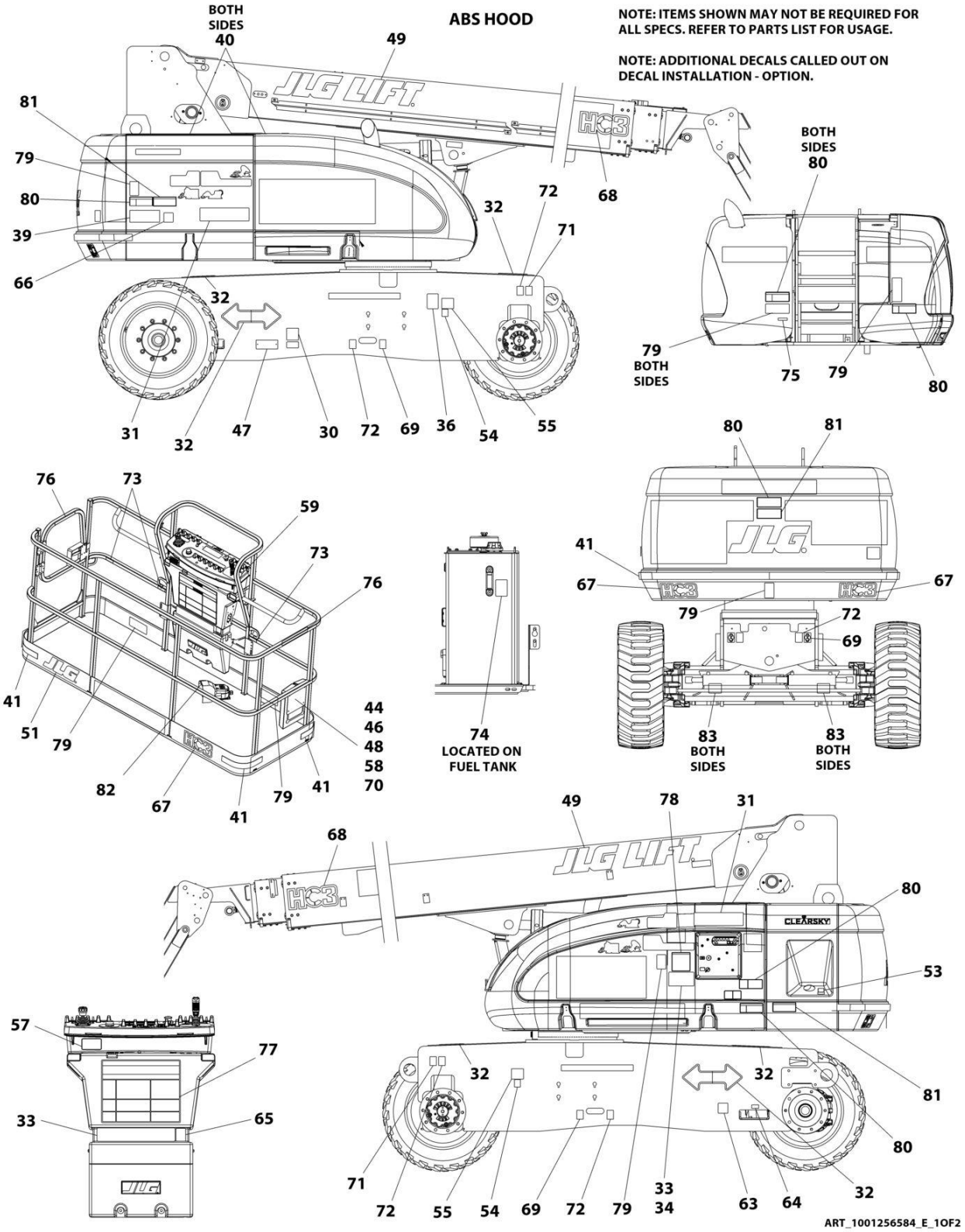
# SECTION 9 - DECALS

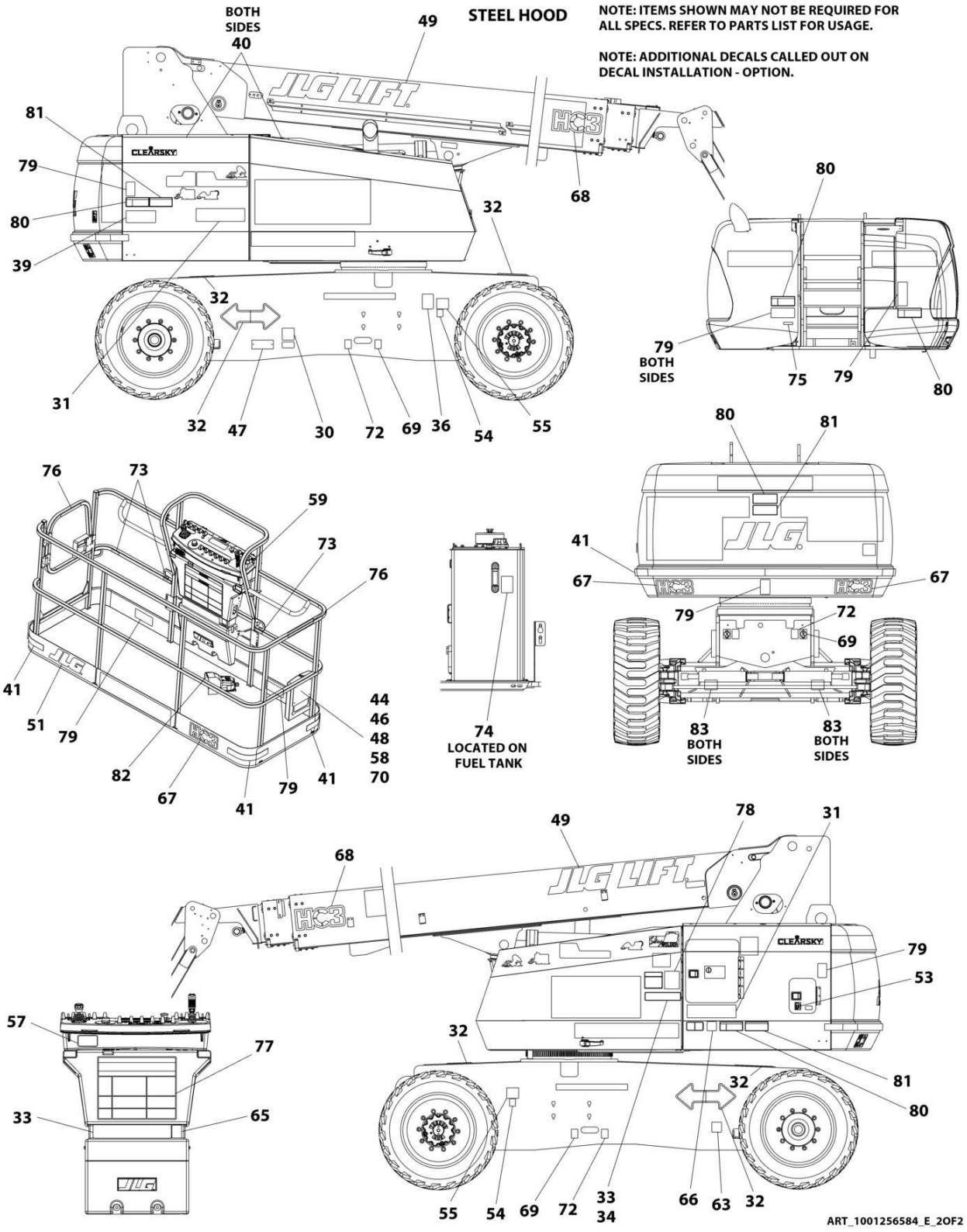
## FIGURE 9-7. DECAL INSTALLATION (CHINESE SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263307 | Ref | DECAL INSTALLATION | D |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267308 | 2 | Decal - 800S | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256571 | 1 | Decal - Warning | |
| 34 | 1001256572 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705430 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224050 | 1 | Decal - Yearly Inspection | |
| 65 | 1001244301 | 1 | Decal - No Platform to Ground Attachments | |
| 66 | 1001244298 | 1 | Decal - Wechat | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1001116846 | 2 | Decal - No Hands | |
| 77 | 1703925 | 1 | Decal - Warning/Danger | |
| 78 | 1001116849 | 2 | Decal - Warning Inspection (MTB) | |
| 79 | 1703949 | 5 | Decal - Warning Crushing | |
| 80 | 1001116851 | 5 | Decal - Danger Electrocution | |
| 81 | 1703943 | 7 | Decal - Warning Crushing | |
| 82 | 1703982 | 1 | Decal - Footswitch | |
| 83 | 1703475 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-8. DECAL INSTALLATION (CHINESE SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
55
68
JLG LIFT
HC3
CLEARSKY
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
JLG LIFT
HC3
CLEARSKY
79
53
57
77
33
65
32
81
80
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69
72
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66
63
32
ART_1001256584_E_2OF2

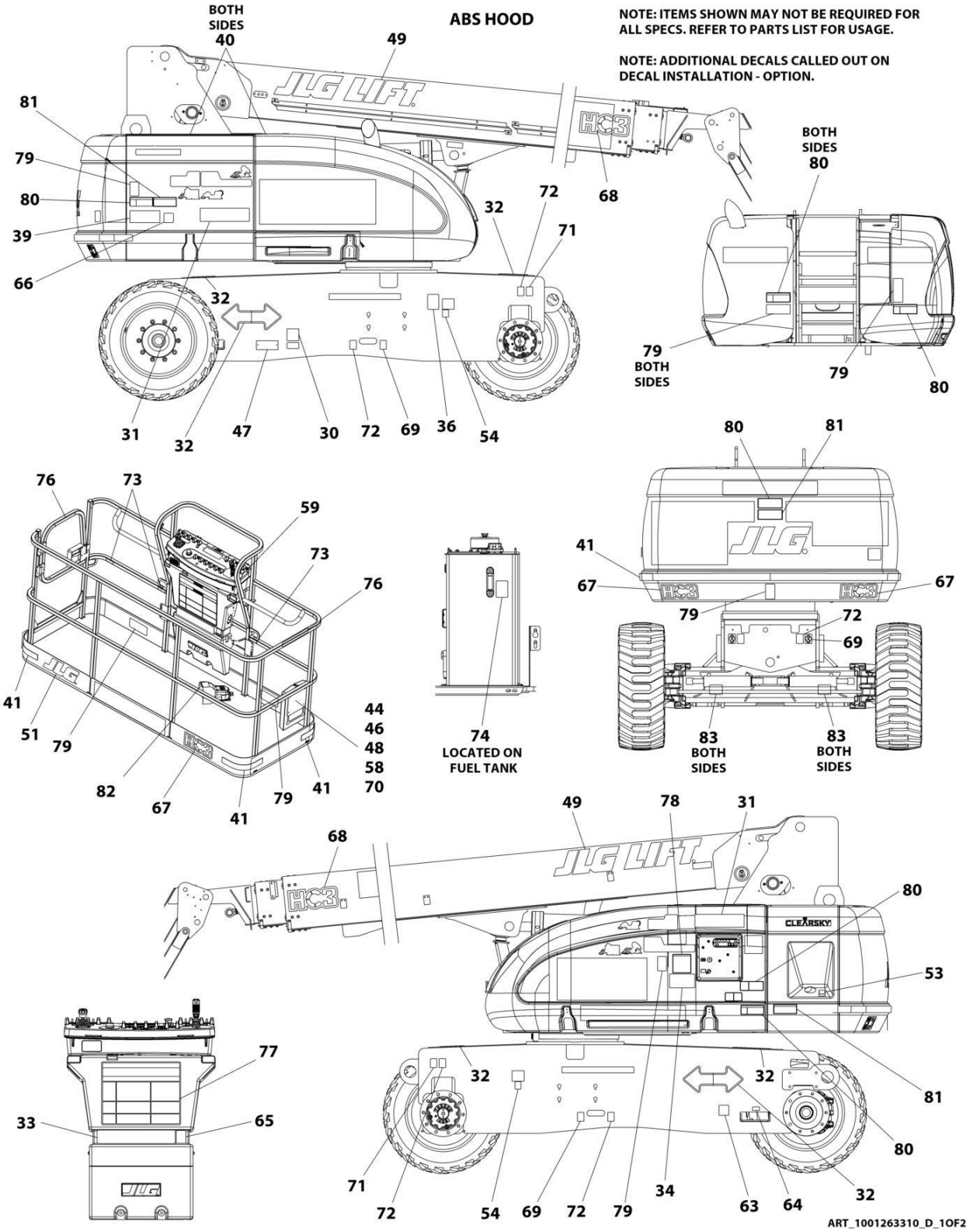
# SECTION 9 - DECALS

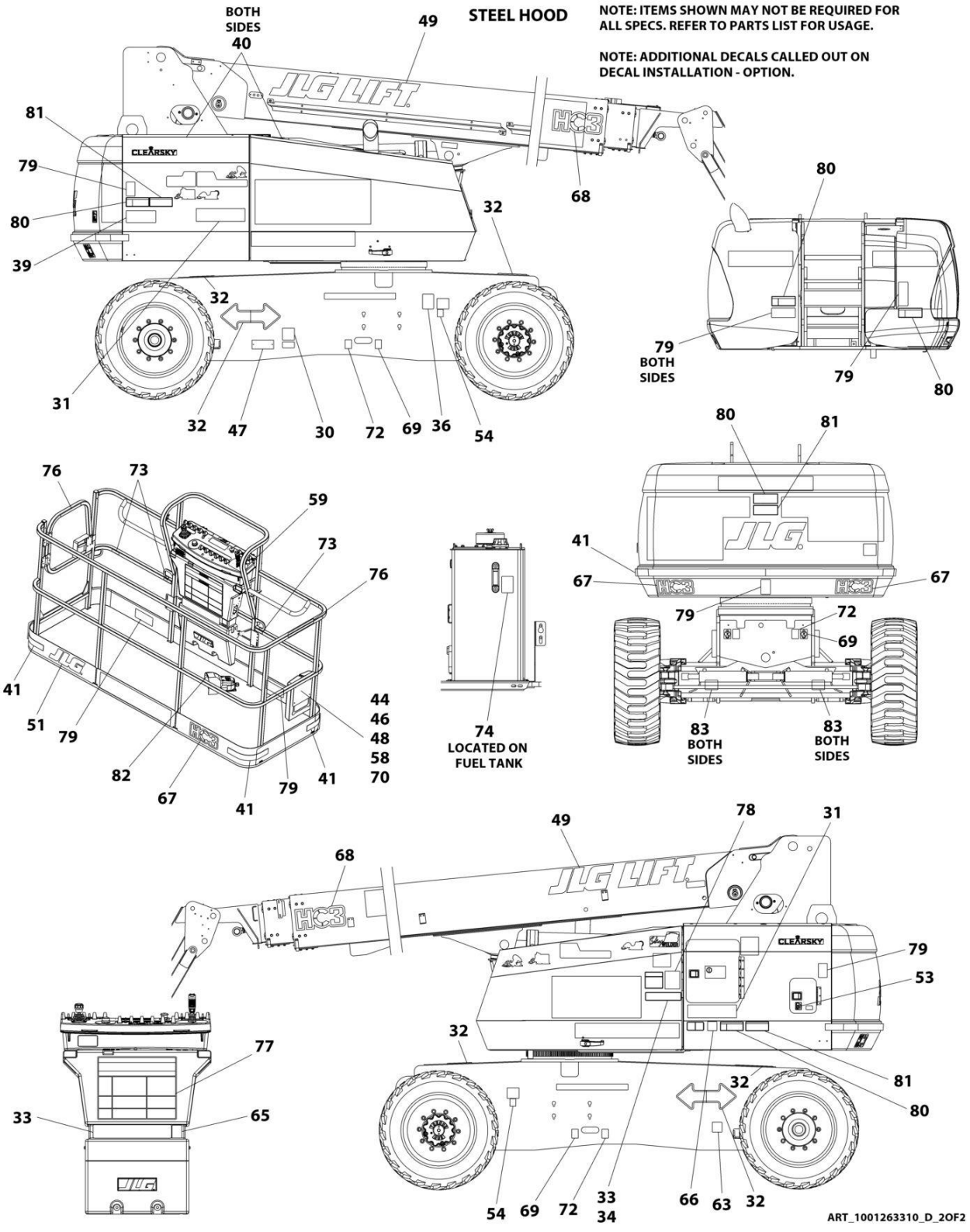
## FIGURE 9-8. DECAL INSTALLATION (CHINESE SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256584 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256571 | 1 | Decal - Warning | |
| 34 | 1001256572 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705430 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224050 | 1 | Decal - Yearly Inspection | |
| 65 | 1001244301 | 1 | Decal - No Platform to Ground Attachments | |
| 66 | 1001244298 | 1 | Decal - Wechat | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1001116846 | 2 | Decal - No Hands | |
| 77 | 1703925 | 1 | Decal - Warning/Danger | |
| 78 | 1001116849 | 2 | Decal - Warning Inspection (MTB) | |
| 79 | 1703949 | 5 | Decal - Warning Crushing | |
| 80 | 1001116851 | 5 | Decal - Danger Electrocution | |
| 81 | 1703943 | 7 | Decal - Warning Crushing | |
| 82 | 1703982 | 1 | Decal - Footswitch | |
| 83 | 1703484 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-9. DECAL INSTALLATION (CSA SPECS) (800S HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
JLG LIFT
HC3
CLEARSKY
81
79
80
39
31
32
68
47
30
72
69
36
54
BOTH SIDES
JLG
76
73
59
41
51
44
46
48
58
70
82
67
74
LOCATED ON FUEL TANK
72
83
BOTH SIDES
78
53
77
33
65
66
63
34
ART_1001263310_D_2OF2

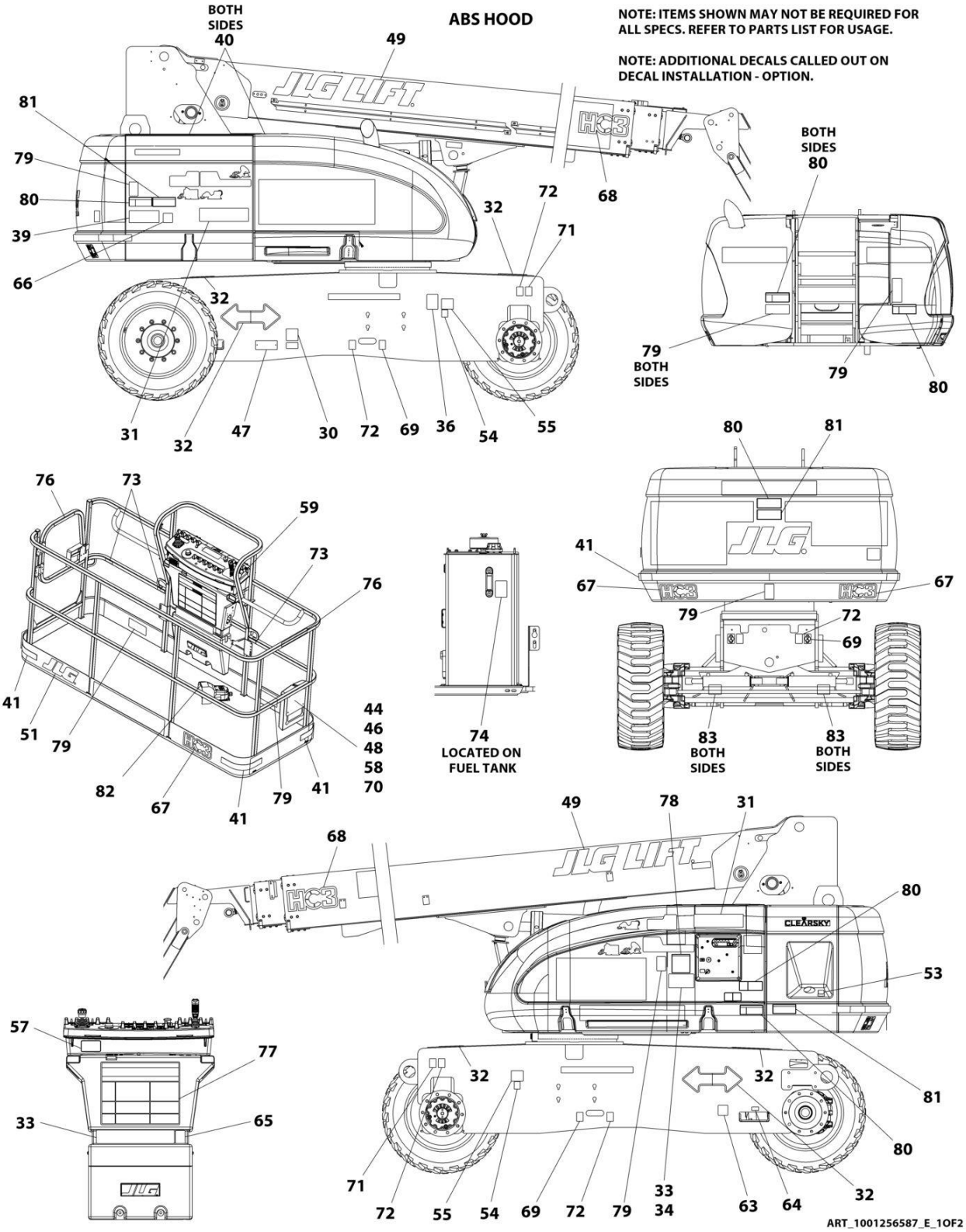
# SECTION 9 - DECALS

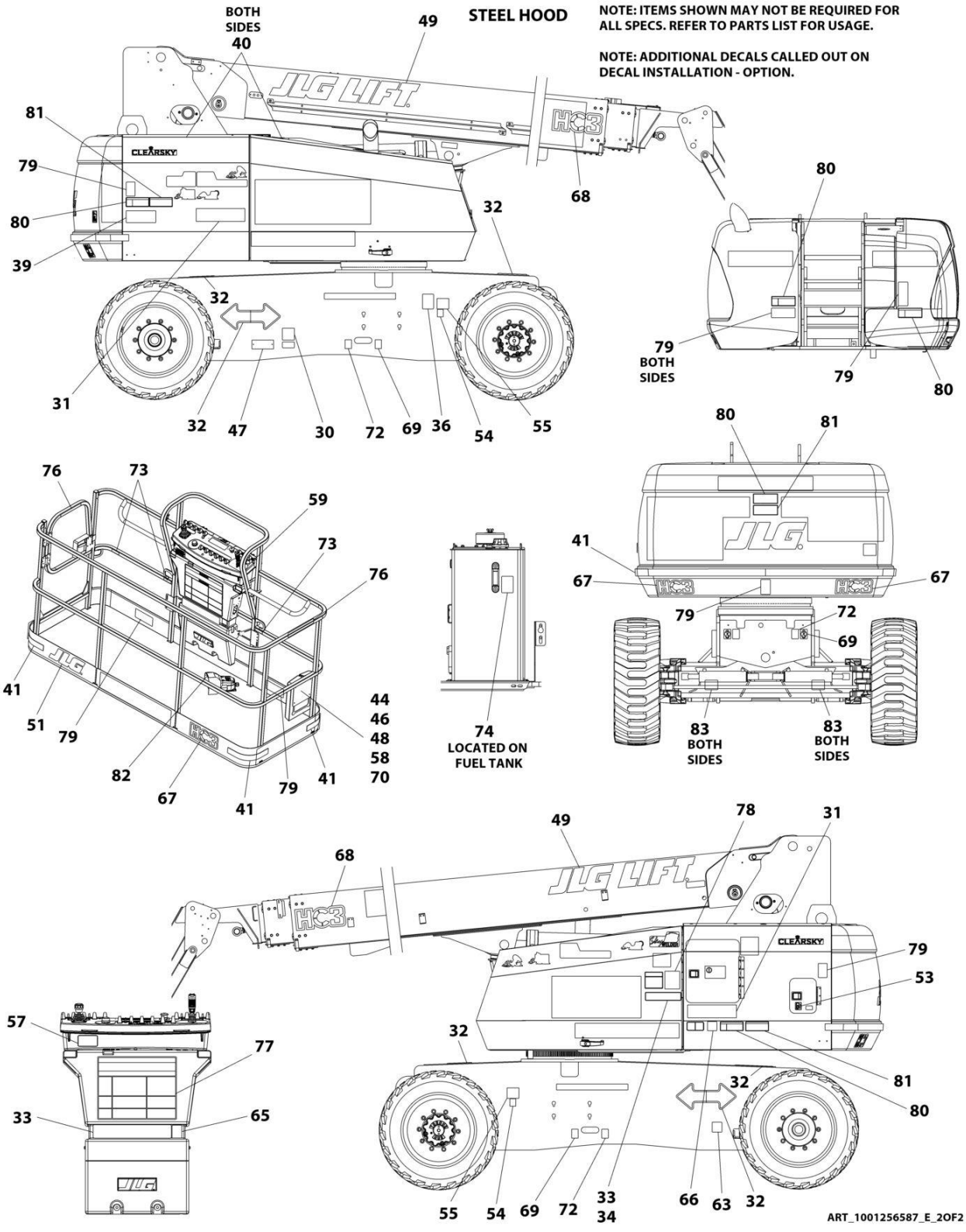
## FIGURE 9-9. DECAL INSTALLATION (CSA SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263310 | Ref | DECAL INSTALLATION | D |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267308 | 2 | Decal - 800S | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256577 | 1 | Decal - Warning | |
| 34 | 1001256578 | 1 | Decal - Warning | |
| 36 | 1001131269 | 1 | Decal - Patent | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705429 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001223971 | 1 | Decal - Yearly Inspection | |
| 64 | 1001223453 | 1 | Decal - ICES | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 76 | 1704000 | 2 | Decal - No Hands | |
| 77 | 1703924 | 1 | Decal - Warning/Danger | |
| 78 | 1705347 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703948 | 5 | Decal - Warning Crushing | |
| 80 | 1703936 | 5 | Decal - Danger Electrocution | |
| 81 | 1703942 | 7 | Decal - Warning Crushing | |
| 82 | 1703984 | 1 | Decal - Footswitch | |
| 83 | 1703475 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-10. DECAL INSTALLATION (CSA SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
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68
JLG LIFT
HC3
CLEARSKY
79
BOTH SIDES
80
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73
59
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82
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79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
41
67
79
72
69
83
BOTH SIDES
JLG
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78
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77
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81
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ART_1001256587_E_2OF2

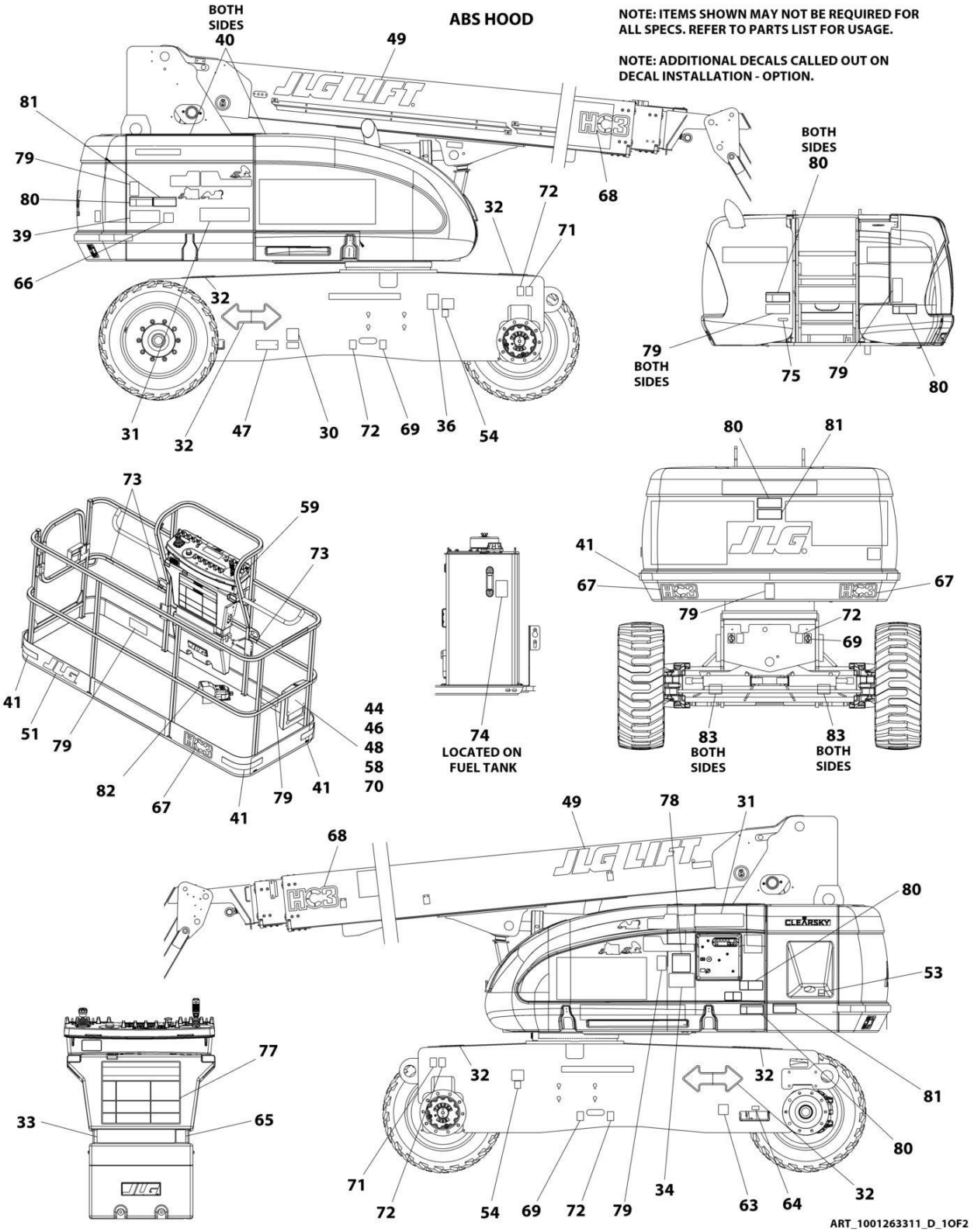
# SECTION 9 - DECALS

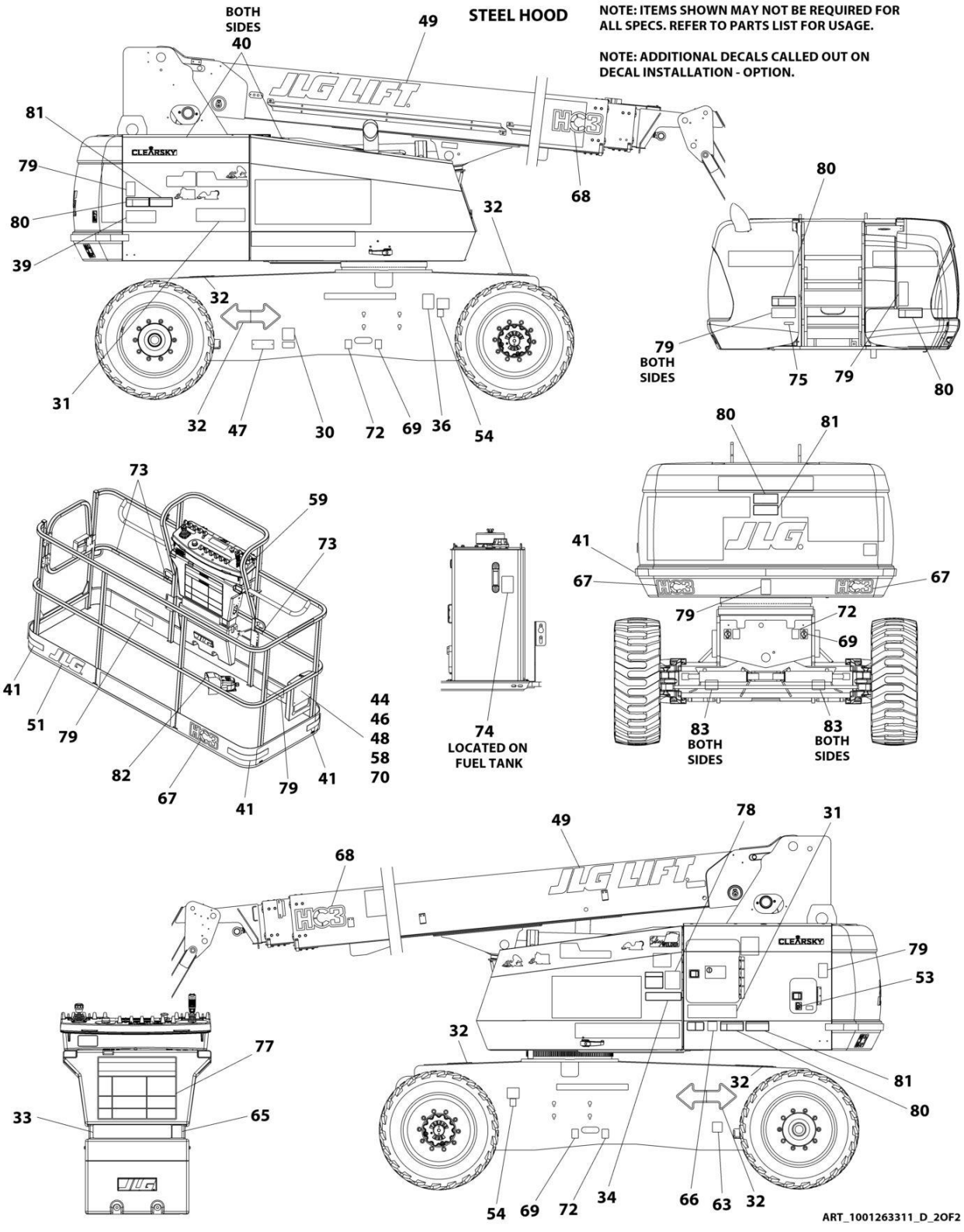
## FIGURE 9-10. DECAL INSTALLATION (CSA SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256587 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256577 | 1 | Decal - Warning | |
| 34 | 1001256578 | 1 | Decal - Warning | |
| 36 | 1001131269 | 1 | Decal - Patent | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705429 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001223971 | 1 | Decal - Yearly Inspection | |
| 64 | 1001223453 | 1 | Decal - ICES | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 76 | 1704000 | 2 | Decal - No Hands | |
| 77 | 1703924 | 1 | Decal - Warning/Danger | |
| 78 | 1705347 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703948 | 5 | Decal - Warning Crushing | |
| 80 | 1703936 | 5 | Decal - Danger Electrocution | |
| 81 | 1703942 | 7 | Decal - Warning Crushing | |
| 82 | 1703984 | 1 | Decal - Footswitch | |
| 83 | 1703484 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-11. DECAL INSTALLATION (JAPANESE SPECS) (800S HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
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36
54
68
JLG LIFT
HC3
CLEARSKY
80
79
BOTH SIDES
75
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73
59
73
41
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82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
JLG LIFT
HC3
CLEARSKY
79
53
32
81
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32
ART_1001263311_D_2OF2

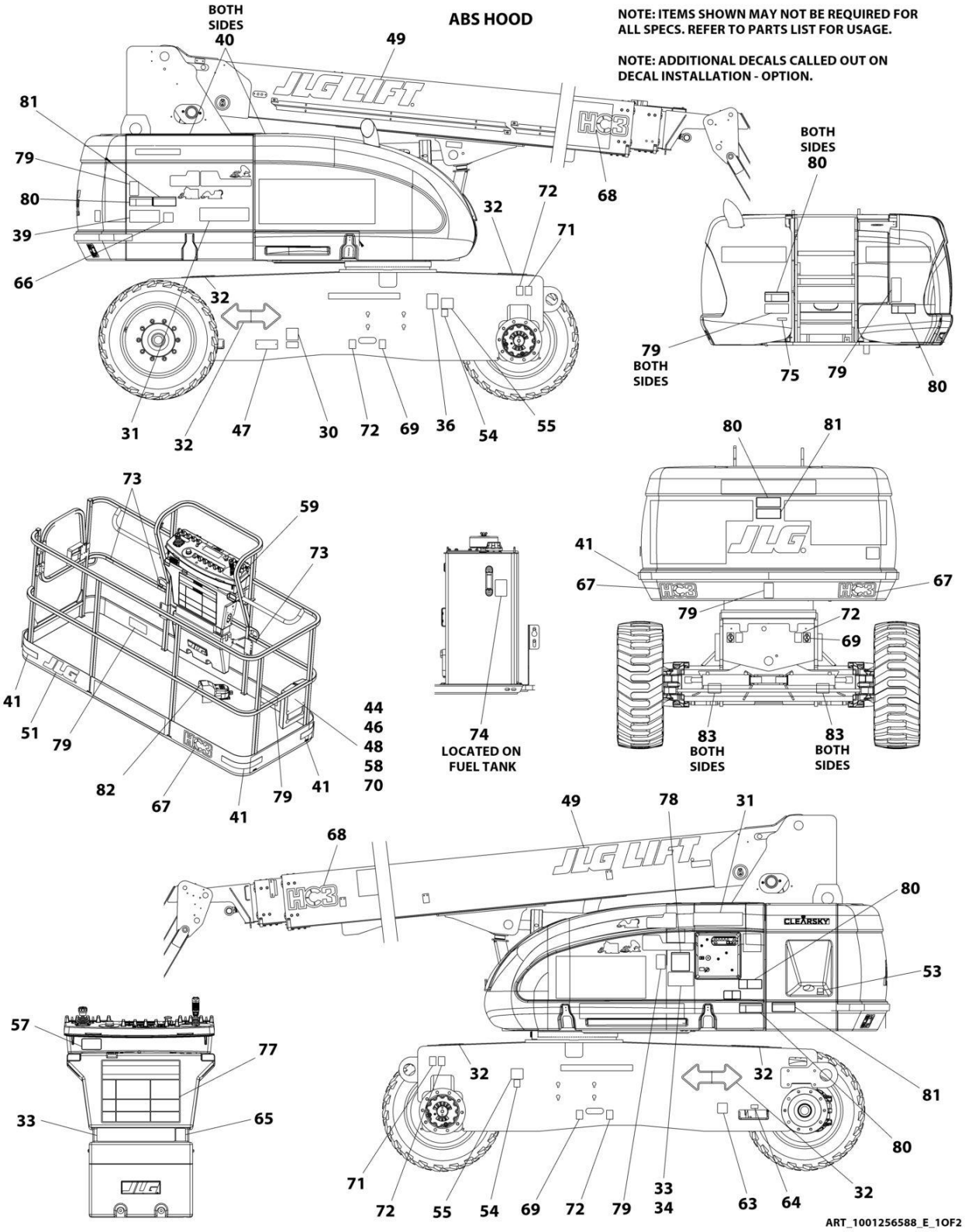
# SECTION 9 - DECALS

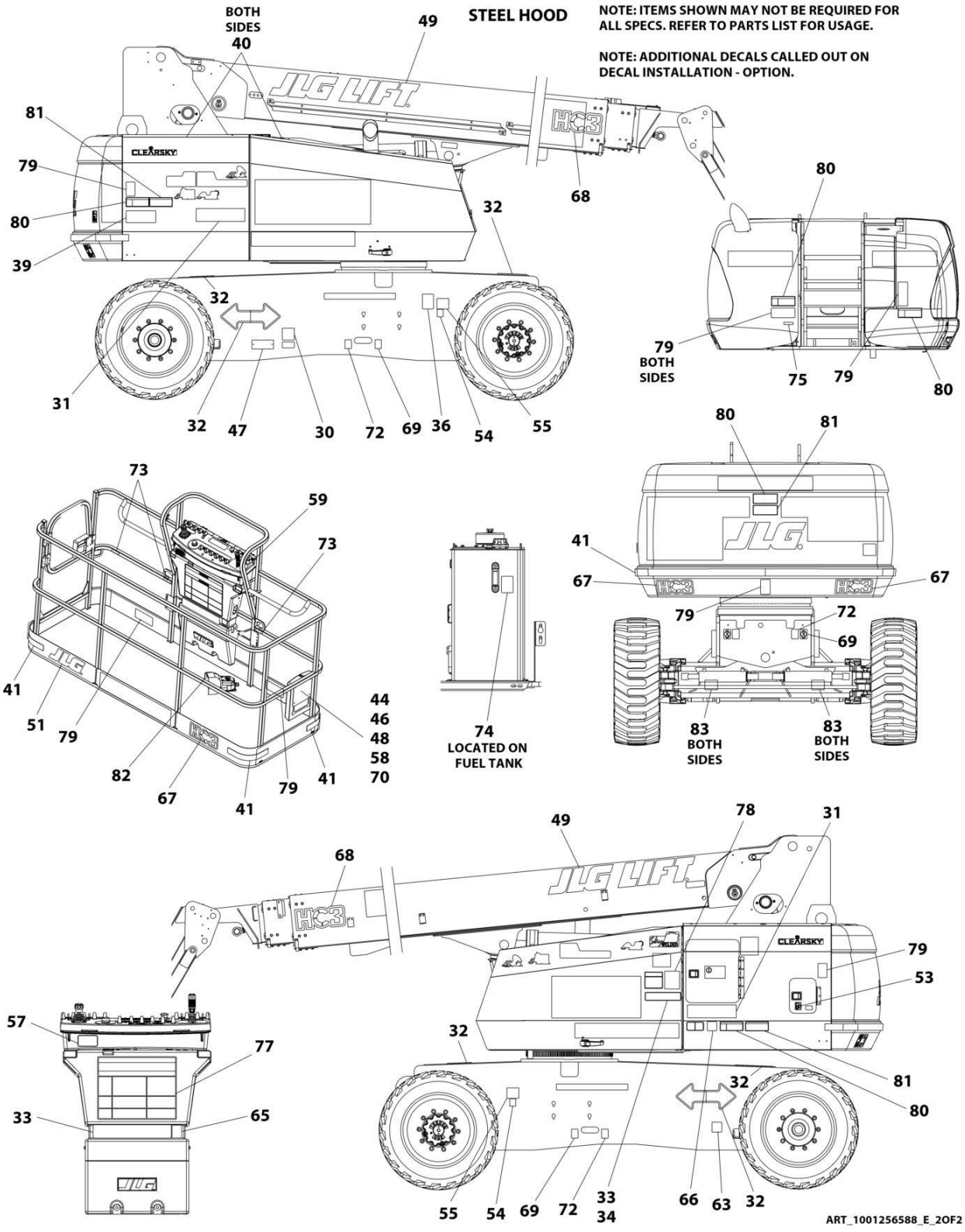
## FIGURE 9-11. DECAL INSTALLATION (JAPANESE SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263311 | Ref | DECAL INSTALLATION | D |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | 1 | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267308 | 2 | Decal - Model | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256579 | 1 | Decal - Warning | |
| 34 | 1001256580 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | AR | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705426 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224053 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Decal - Nameplate | |
| 77 | 1703926 | 1 | Decal - Warning/Danger | |
| 78 | 1705344 | 1 | Decal - Warning Inspection | |
| 79 | 1703950 | 5 | Decal - Warning Crushing | |
| 80 | 1703938 | 5 | Decal - Danger Electrocution | |
| 81 | 1703944 | 7 | Decal - Warning Crushing | |
| 82 | 1703980 | 1 | Decal - Footswitch | |
| 83 | 1703484 | 1 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-12. DECAL INSTALLATION (JAPANESE SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
55
68
JLG LIFT
HC3
CLEARSKY
80
79
BOTH SIDES
75
79
80
73
59
73
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
79
53
57
77
33
65
32
81
80
55
54
69
72
33
34
66
63
32
ART_1001256588_E_2OF2

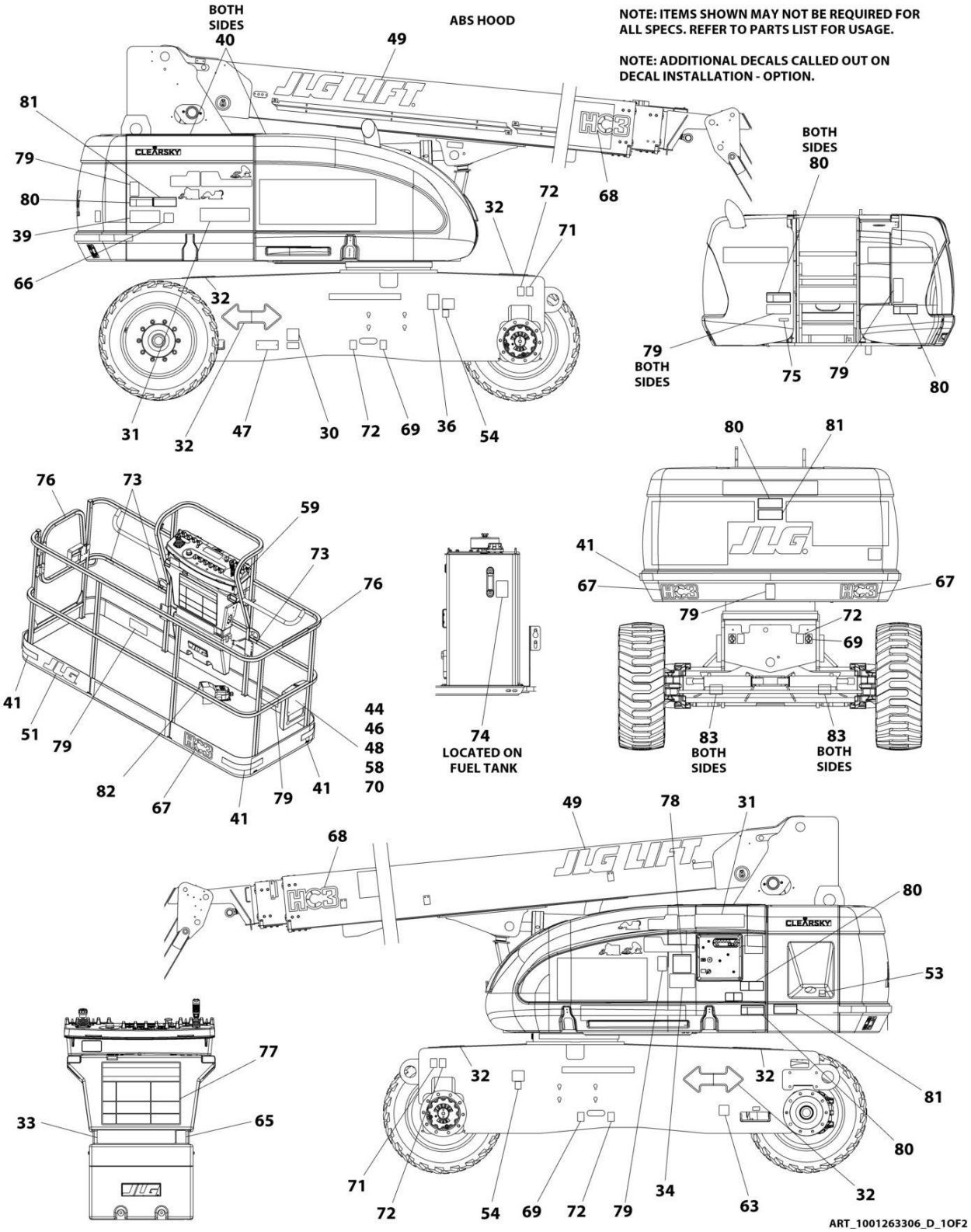
# SECTION 9 - DECALS

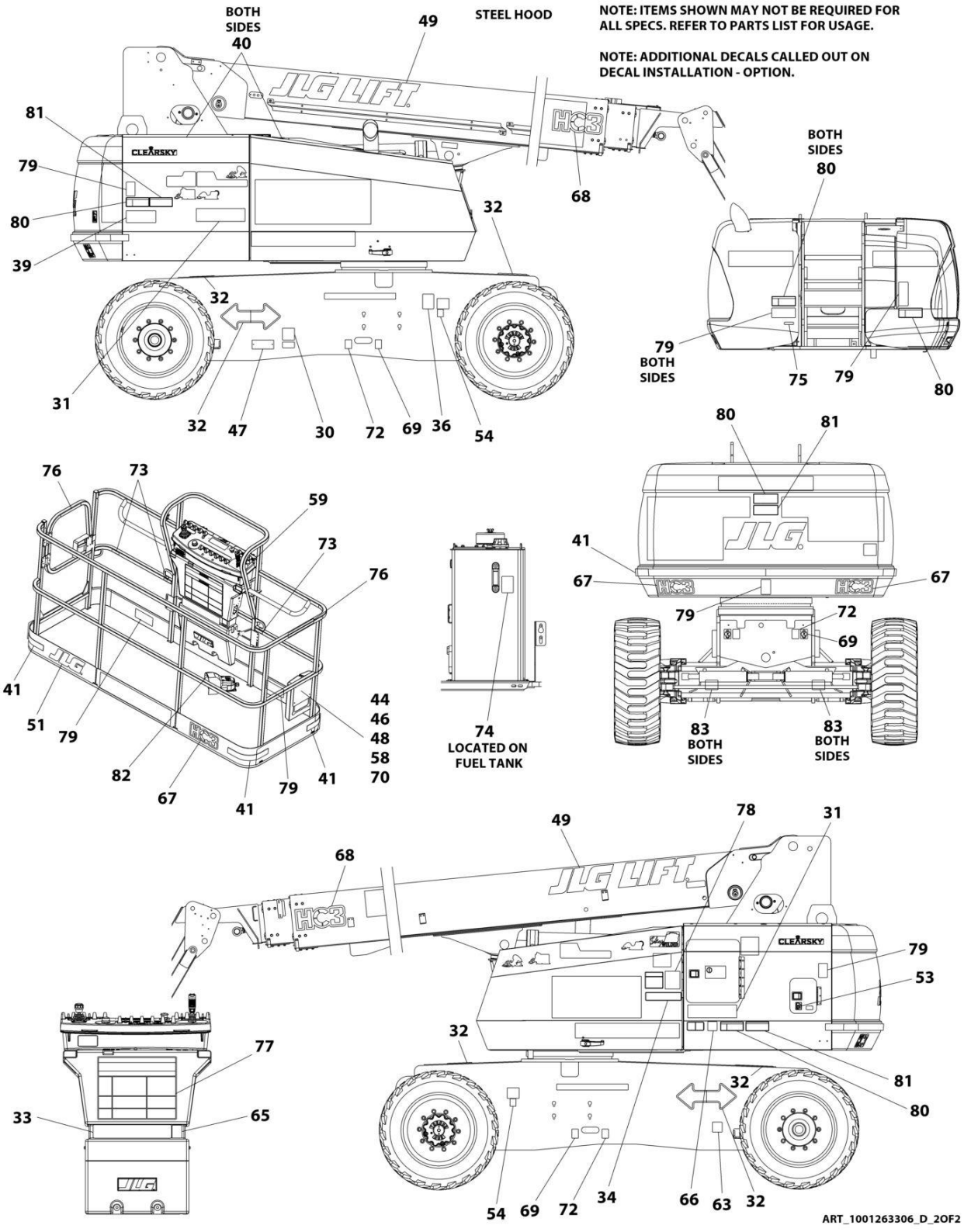
## FIGURE 9-12. DECAL INSTALLATION (JAPANESE SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256588 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | 1 | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256579 | 1 | Decal - Warning | |
| 34 | 1001256580 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 39 | 1001175354 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | AR | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705426 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224053 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Decal - Nameplate | |
| 77 | 1703926 | 1 | Decal - Warning/Danger | |
| 78 | 1705344 | 1 | Decal - Warning Inspection | |
| 79 | 1703950 | 5 | Decal - Warning Crushing | |
| 80 | 1703938 | 5 | Decal - Danger Electrocution | |
| 81 | 1703944 | 7 | Decal - Warning Crushing | |
| 82 | 1703980 | 1 | Decal - Footswitch | |
| 83 | 1703484 | 1 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-13. DECAL INSTALLATION (KOREAN SPECS) (800S HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
68
JLG LIFT
HC3
CLEARSKY
BOTH SIDES
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
JLG
49
78
31
68
JLG LIFT
HC3
CLEARSKY
79
53
77
33
65
32
32
81
80
54
69
72
34
66
63
32
ART_1001263306_D_2OF2

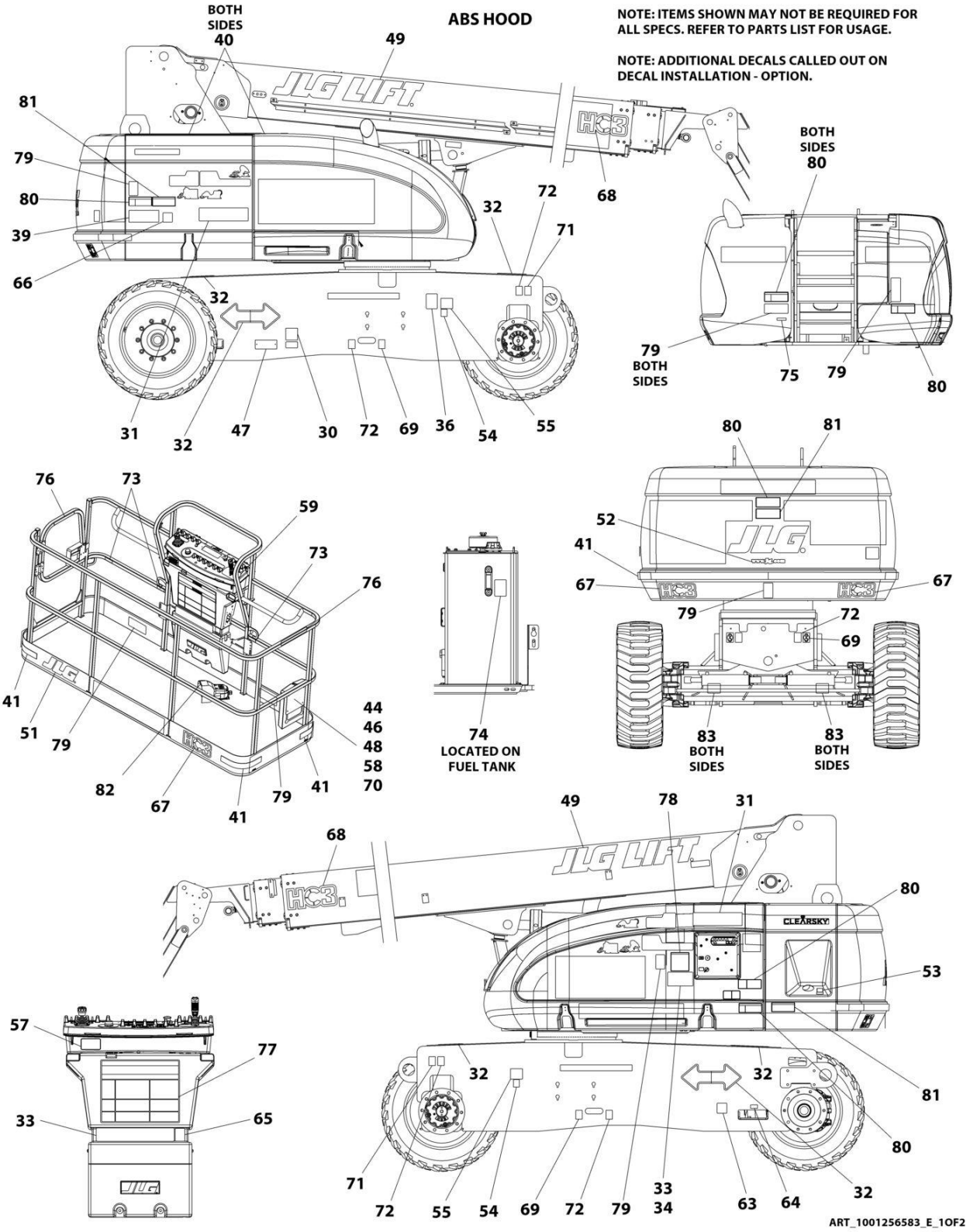
# SECTION 9 - DECALS

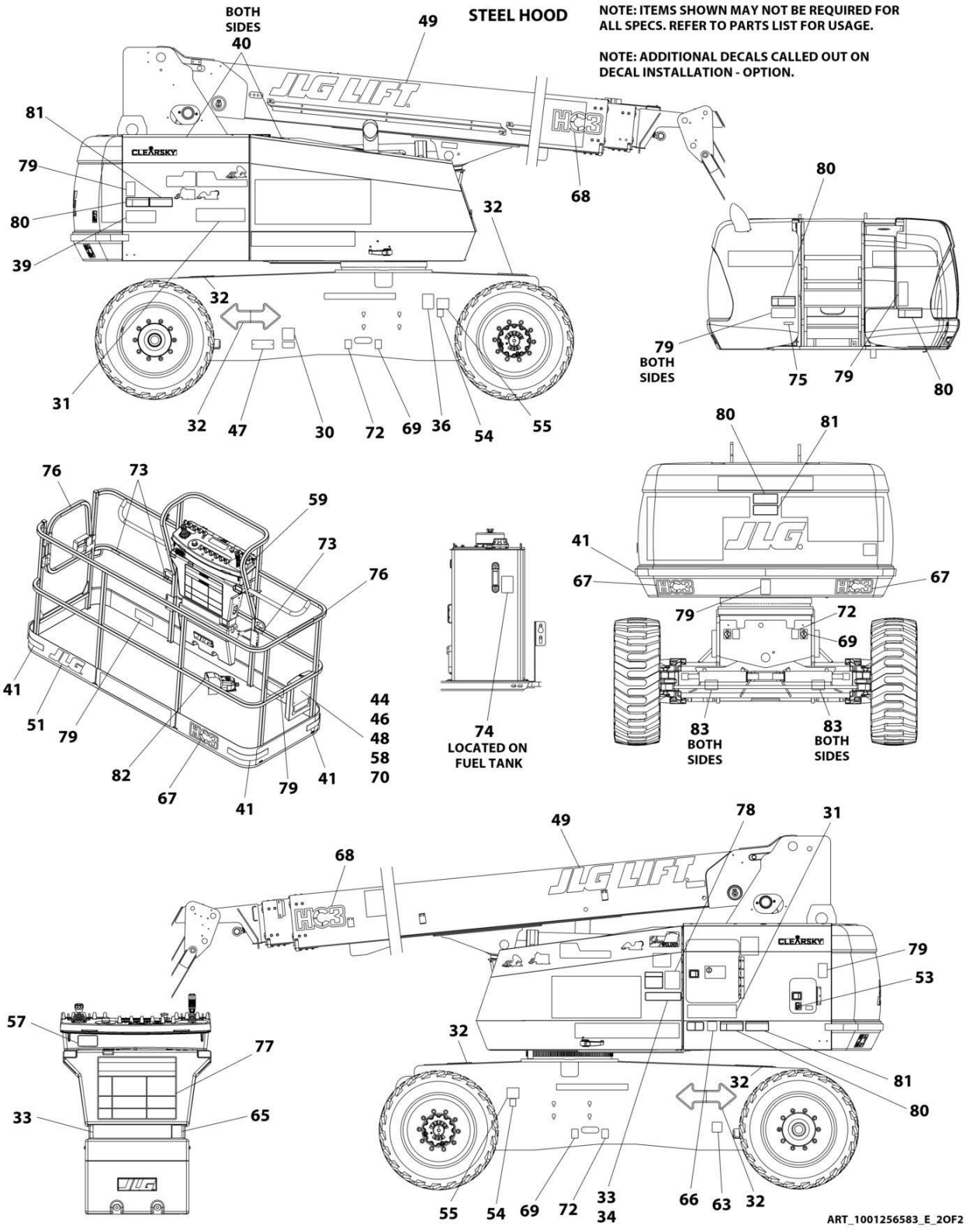
## FIGURE 9-13. DECAL INSTALLATION (KOREAN SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263306 | Ref | DECAL INSTALLATION | D |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267308 | 2 | Decal - Model | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256569 | 1 | Decal - Warning | |
| 34 | 1001256570 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705427 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224048 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1705969 | 2 | Decal - No Hands | |
| 77 | 1703927 | 1 | Decal - Warning/Danger | |
| 78 | 1705345 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703951 | 5 | Decal - Warning Crushing | |
| 80 | 1703939 | 5 | Decal - Danger Electrocution | |
| 81 | 1703945 | 7 | Decal - Warning Crushing | |
| 82 | 1703981 | 1 | Decal - Footswitch | |
| 83 | 1703475 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-14. DECAL INSTALLATION (KOREAN SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
55
68
JLG LIFT
HC3
CLEARSKY
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
JLG LIFT
HC3
CLEARSKY
79
53
57
77
33
65
32
81
80
55
54
69
72
33
34
66
63
32
ART_1001256583_E_2OF2

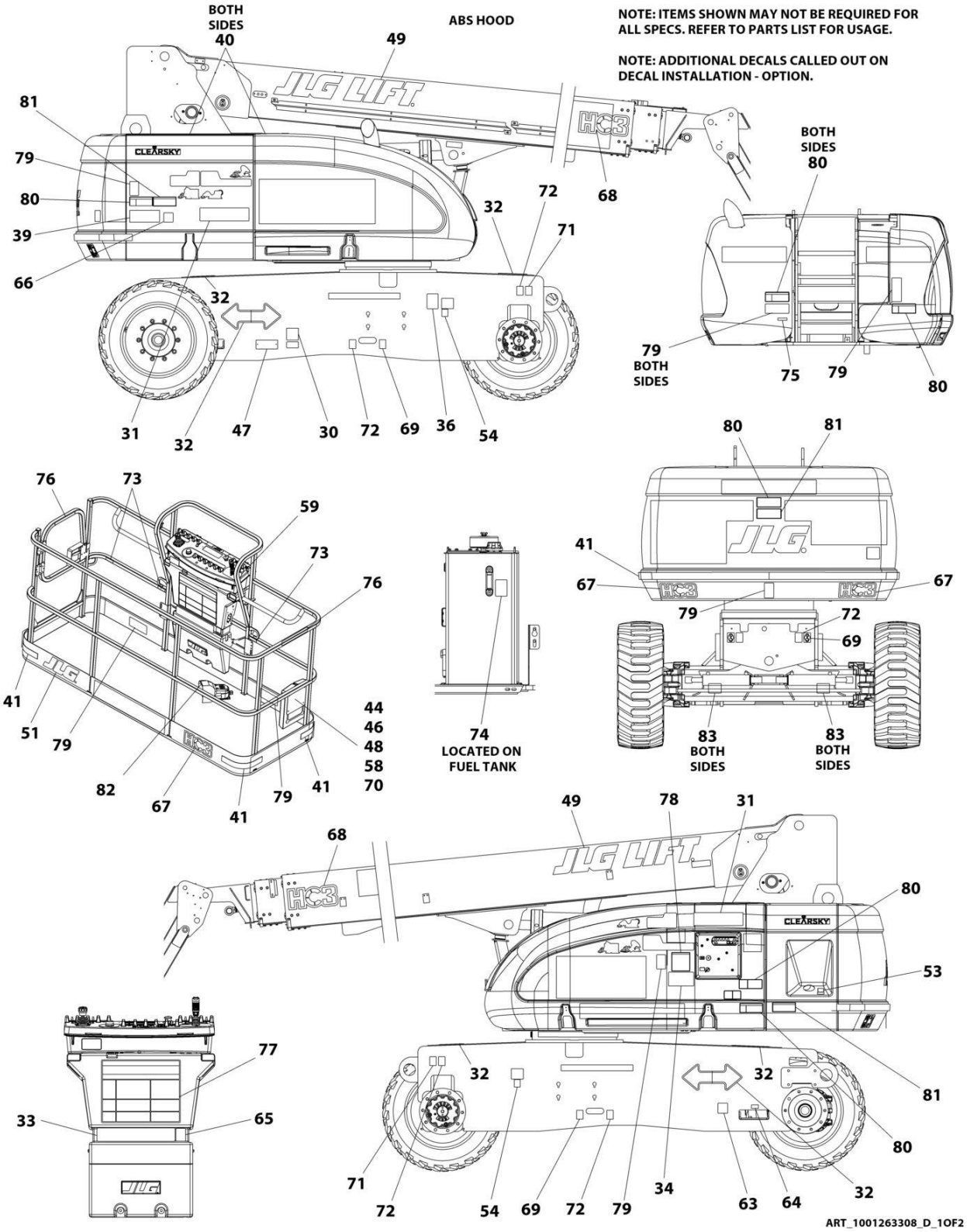
# SECTION 9 - DECALS

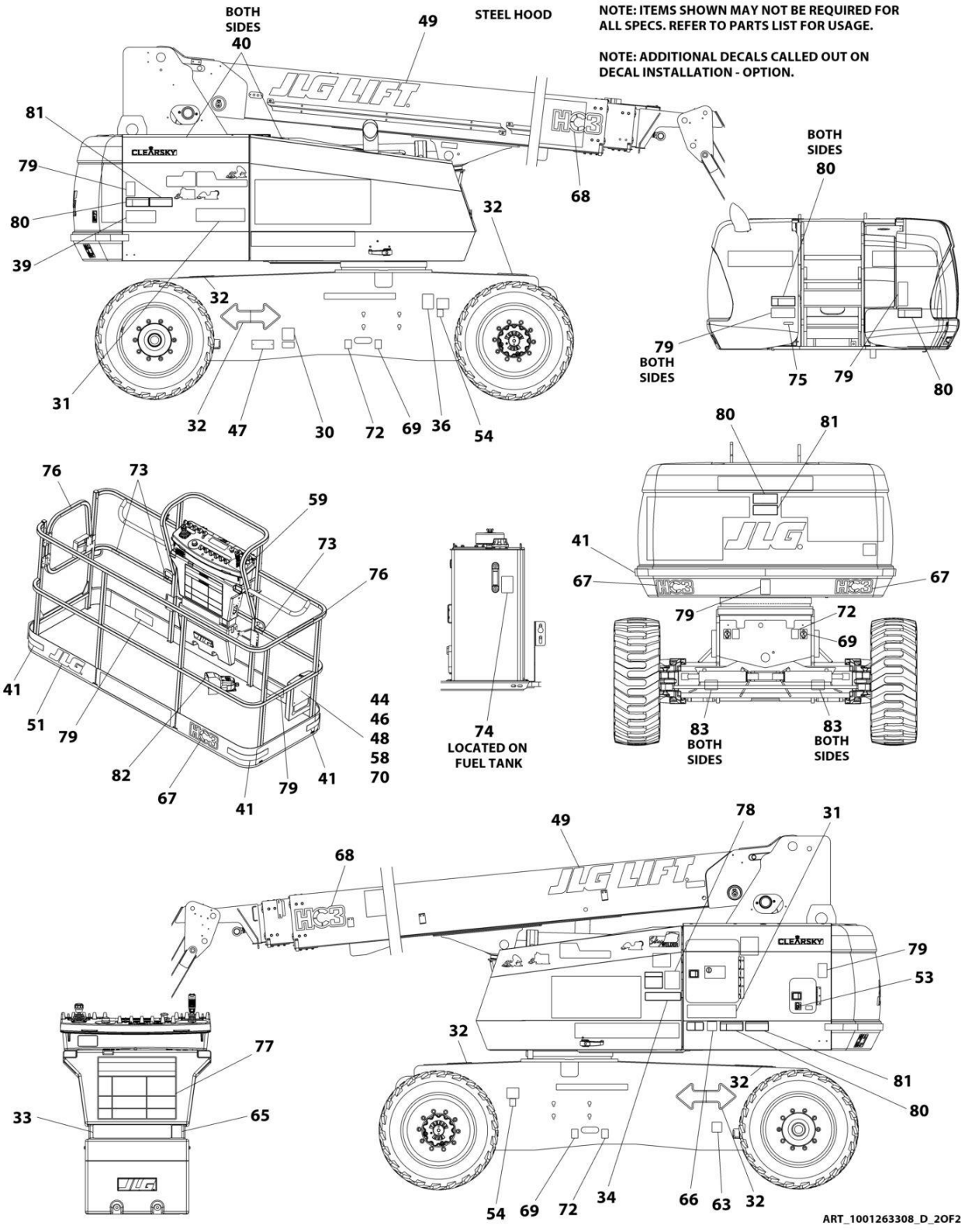
## FIGURE 9-14. DECAL INSTALLATION (KOREAN SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256583 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - 860SJ | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256569 | 1 | Decal - Warning | |
| 34 | 1001256570 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705427 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224048 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1705969 | 2 | Decal - No Hands | |
| 77 | 1703927 | 1 | Decal - Warning/Danger | |
| 78 | 1705345 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703951 | 5 | Decal - Warning Crushing | |
| 80 | 1703939 | 5 | Decal - Danger Electrocution | |
| 81 | 1703945 | 7 | Decal - Warning Crushing | |
| 82 | 1703981 | 1 | Decal - Footswitch | |
| 83 | 1703482 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-15. DECAL INSTALLATION (LATIN AMERICAN SPECS) (800S HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
68
JLG LIFT
HC3
CLEARSKY
BOTH SIDES
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
79
53
77
33
65
32
81
80
54
69
72
34
66
63
32
ART_1001263308_D_2OF2

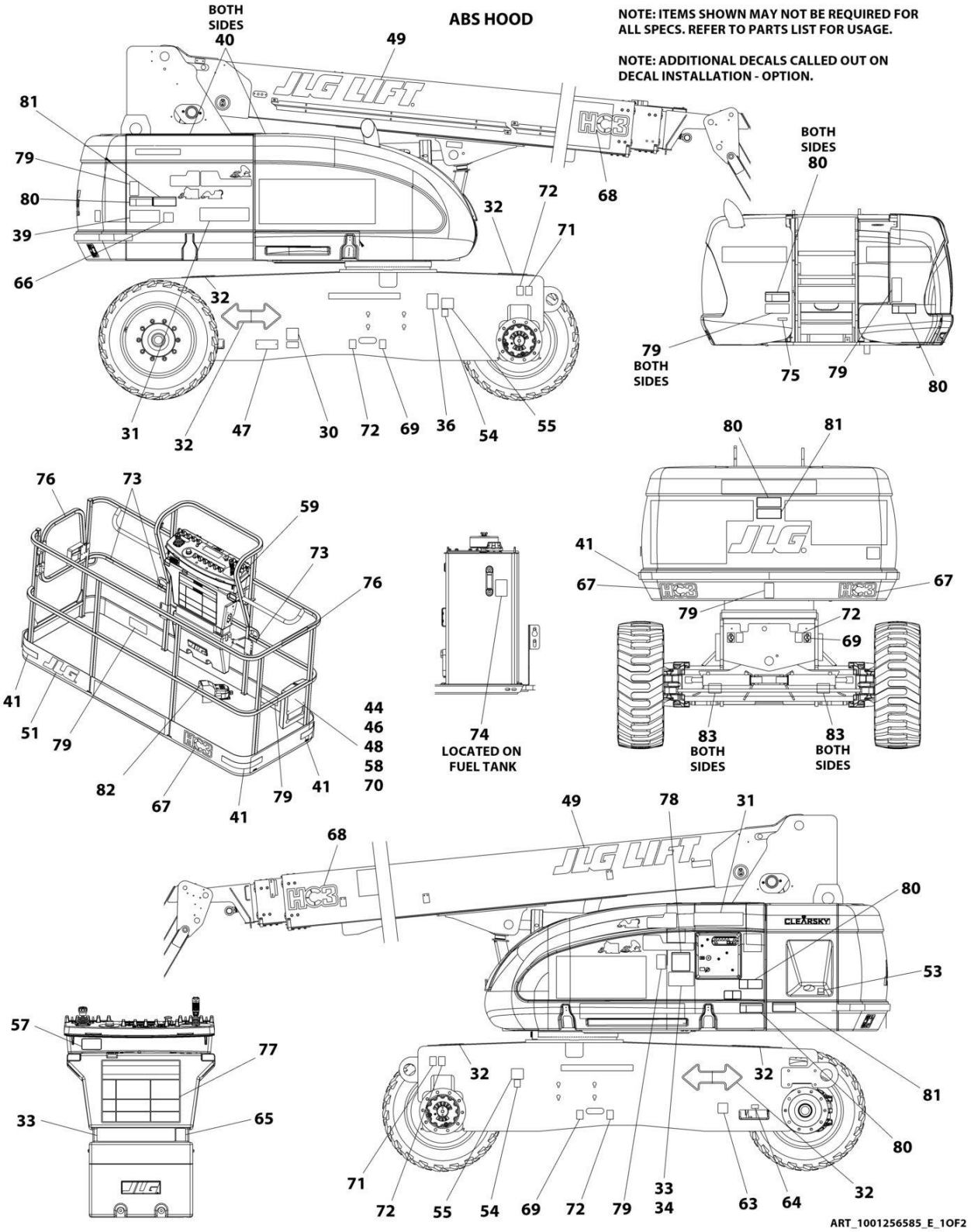
# SECTION 9 - DECALS

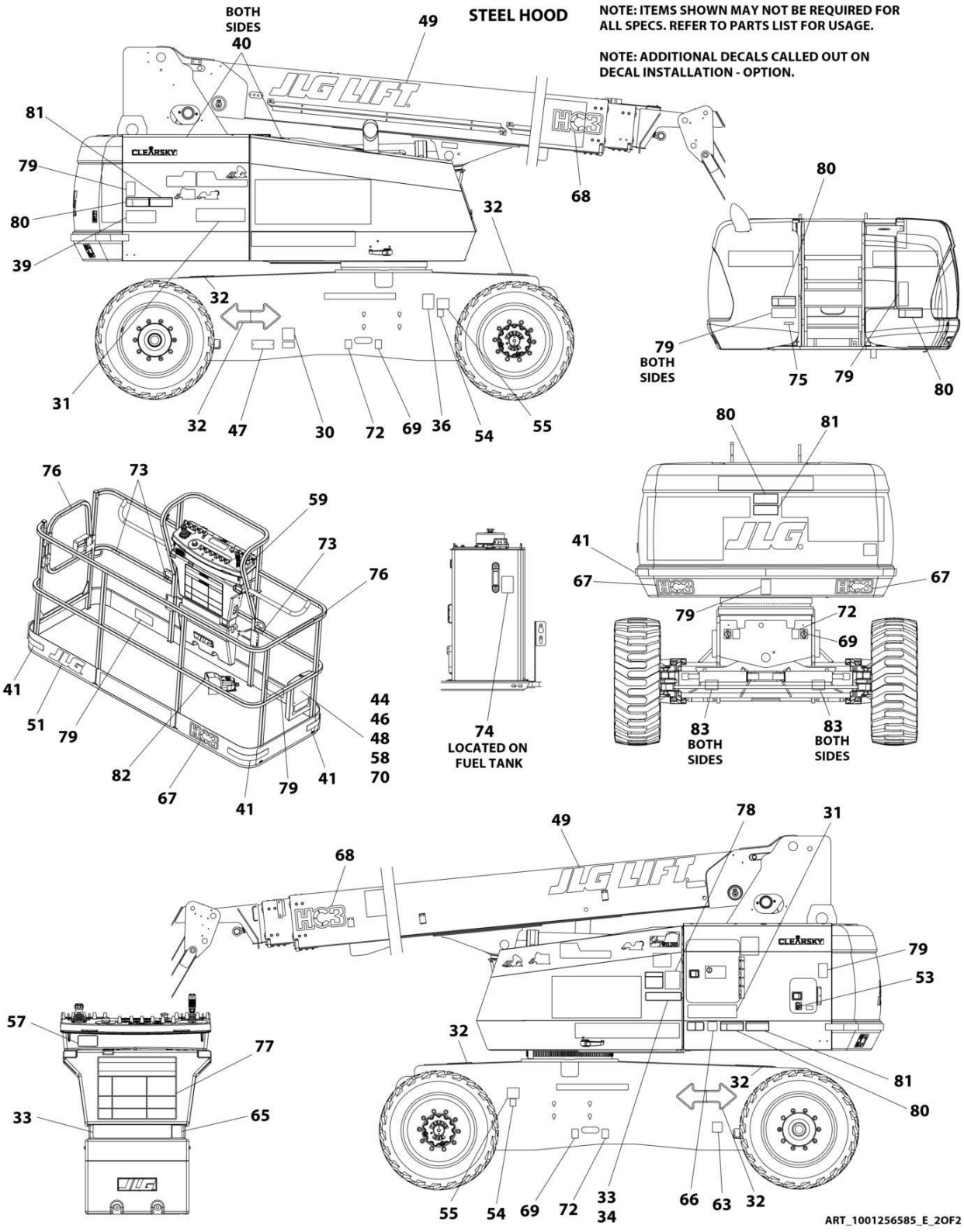
## FIGURE 9-15. DECAL INSTALLATION (LATIN AMERICAN SPECS) (800S HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263308 | Ref | DECAL INSTALLATION | D |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267308 | 2 | Decal - 800S | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256573 | 1 | Decal - Warning | |
| 34 | 1001256574 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705910 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224049 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1704001 | 2 | Decal - No Hands | |
| 77 | 1703923 | 1 | Decal - Warning/Danger | |
| 78 | 1705917 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703947 | 5 | Decal - Warning Crushing | |
| 80 | 1703935 | 5 | Decal - Danger Electrocution | |
| 81 | 1703941 | 7 | Decal - Warning Crushing | |
| 82 | 1703983 | 1 | Decal - Footswitch | |
| 83 | 1703475 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-16. DECAL INSTALLATION (LATIN AMERICAN SPECS) (860SJ HC3)




BOTH SIDES
40
49
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
NOTE: ADDITIONAL DECALS CALLED OUT ON DECAL INSTALLATION - OPTION.
81
79
80
39
31
32
47
30
72
69
36
54
55
68
JLG LIFT
HC3
CLEARSKY
80
79
BOTH SIDES
75
79
80
76
73
59
73
76
41
51
79
82
67
41
79
41
44
46
48
58
70
74
LOCATED ON FUEL TANK
80
81
41
67
67
79
72
69
83
BOTH SIDES
83
BOTH SIDES
49
78
31
68
JLG LIFT
HC3
CLEARSKY
79
53
57
77
33
65
32
81
80
55
54
69
72
33
34
66
63
32
ART_1001256585_E_2OF2

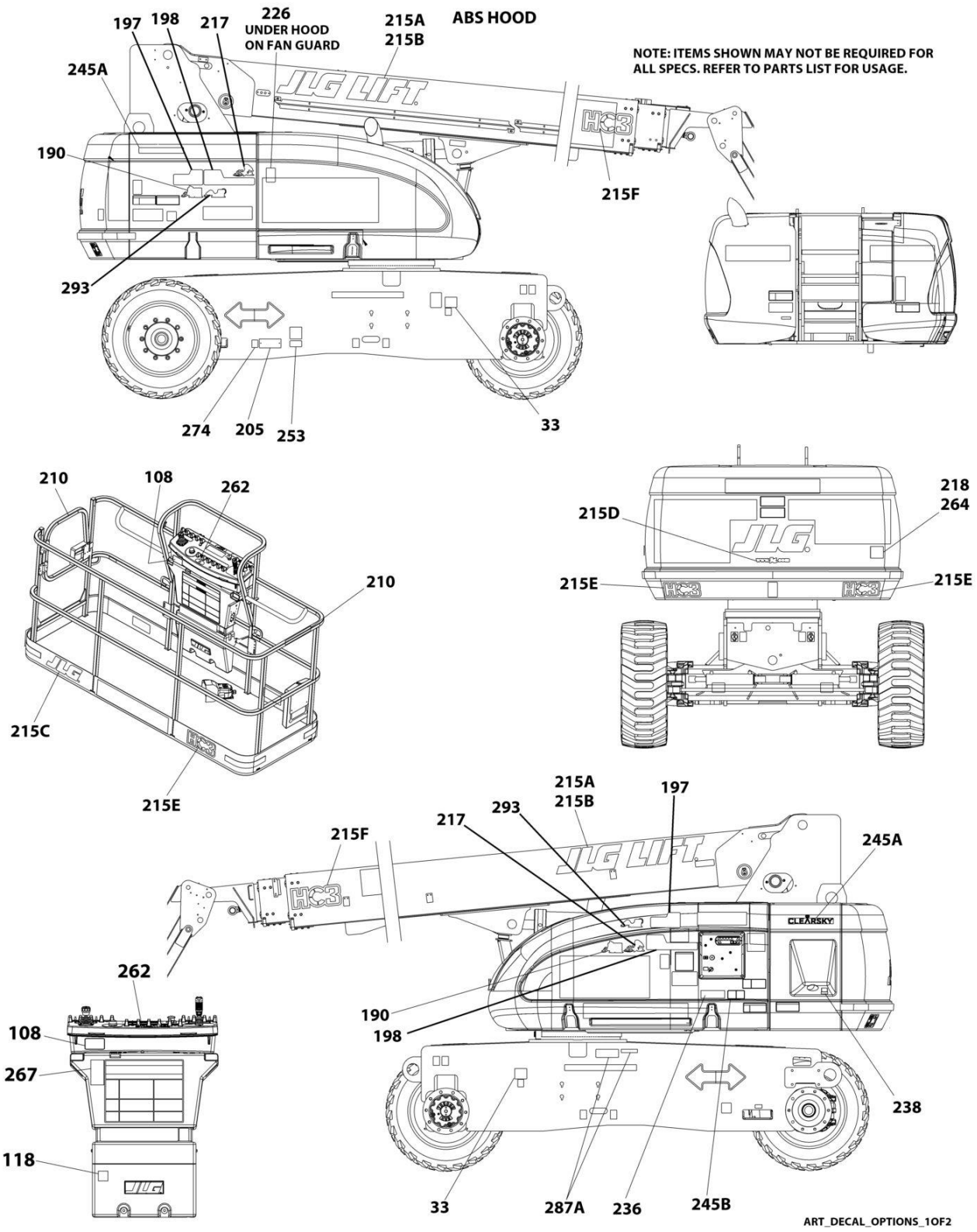
# SECTION 9 - DECALS

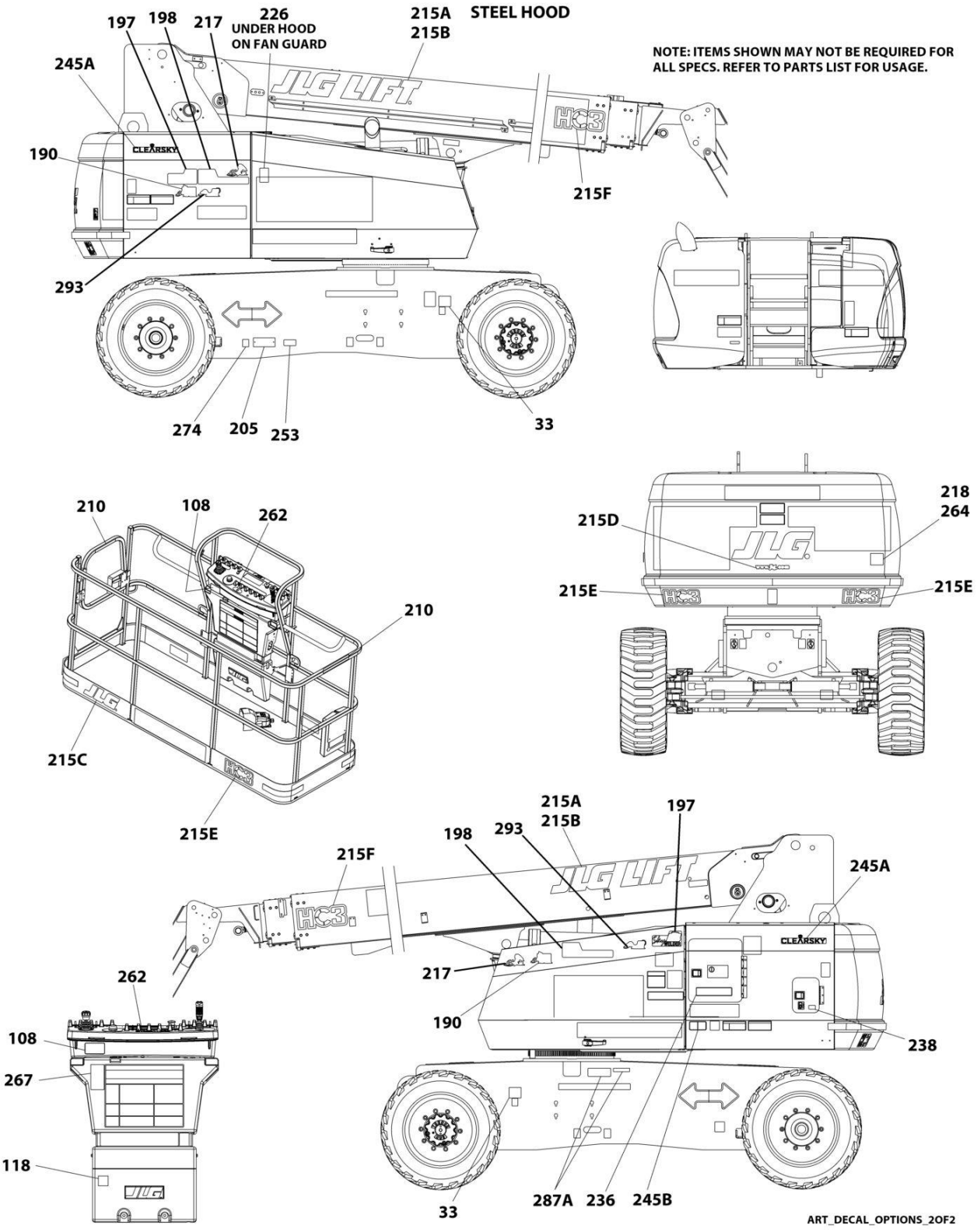
## FIGURE 9-16. DECAL INSTALLATION (LATIN AMERICAN SPECS) (860SJ HC3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256585 | Ref | DECAL INSTALLATION | E |
| | 1001256837 | Ref | REFERENCE CHART | C |
| 30 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 31 | 1001267309 | 2 | Decal - Model | |
| 31 | 1704907 | 2 | Decal - Model | |
| 32 | 1701501 | 4 | Decal - Arrow | |
| 33 | 1001256573 | 1 | Decal - Warning | |
| 34 | 1001256574 | 1 | Decal - Warning | |
| 39 | 1001270286 | 1 | Decal - Lift Diagram | |
| 40 | 1701691 | 4 | Decal - No Step | |
| 41 | 4420051 | 23.1 ft/7m | Stripes, Warning | |
| 44 | 0860520 | 1 | Box, Manual Storage | |
| 46 | 3311405 | 4 | Nut 1/4 | |
| 47 | 3820001 | 2 | Rivet | |
| 48 | 4751400 | 8 | Washer 1/4 | |
| 58 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 59 | 1705910 | 1 | Decal - Drive/Steer Instructions | |
| 63 | 1001224049 | 1 | Decal - Yearly Inspection | |
| 69 | 1701499 | 4 | Decal - No Lift | |
| 70 | 1701509 | 1 | Decal - Manual | |
| 71 | 1703811 | 4 | Decal - Tie Down/Lift | |
| 72 | 1703814 | 6 | Decal - Tie Down | |
| 73 | 1704277 | 4 | Decal - Attach Lanyard Here | |
| 74 | 1704412 | 1 | Decal - Hydraulic Oil Chart | |
| 75 | 3251243 | 1 | Nameplate - 120V-60HZ | |
| 76 | 1704001 | 2 | Decal - No Hands | |
| 77 | 1703923 | 1 | Decal - Warning/Danger | |
| 78 | 1705917 | 1 | Decal - Warning Inspection (MTB) | |
| 79 | 1703947 | 5 | Decal - Warning Crushing | |
| 80 | 1703935 | 5 | Decal - Danger Electrocution | |
| 81 | 1703941 | 7 | Decal - Warning Crushing | |
| 82 | 1703983 | 1 | Decal - Footswitch | |
| 83 | 1703484 | 4 | Decal - Max Tire Load | |

# SECTION 9 - DECALS

## FIGURE 9-17. DECAL INSTALLATION - OPTIONS



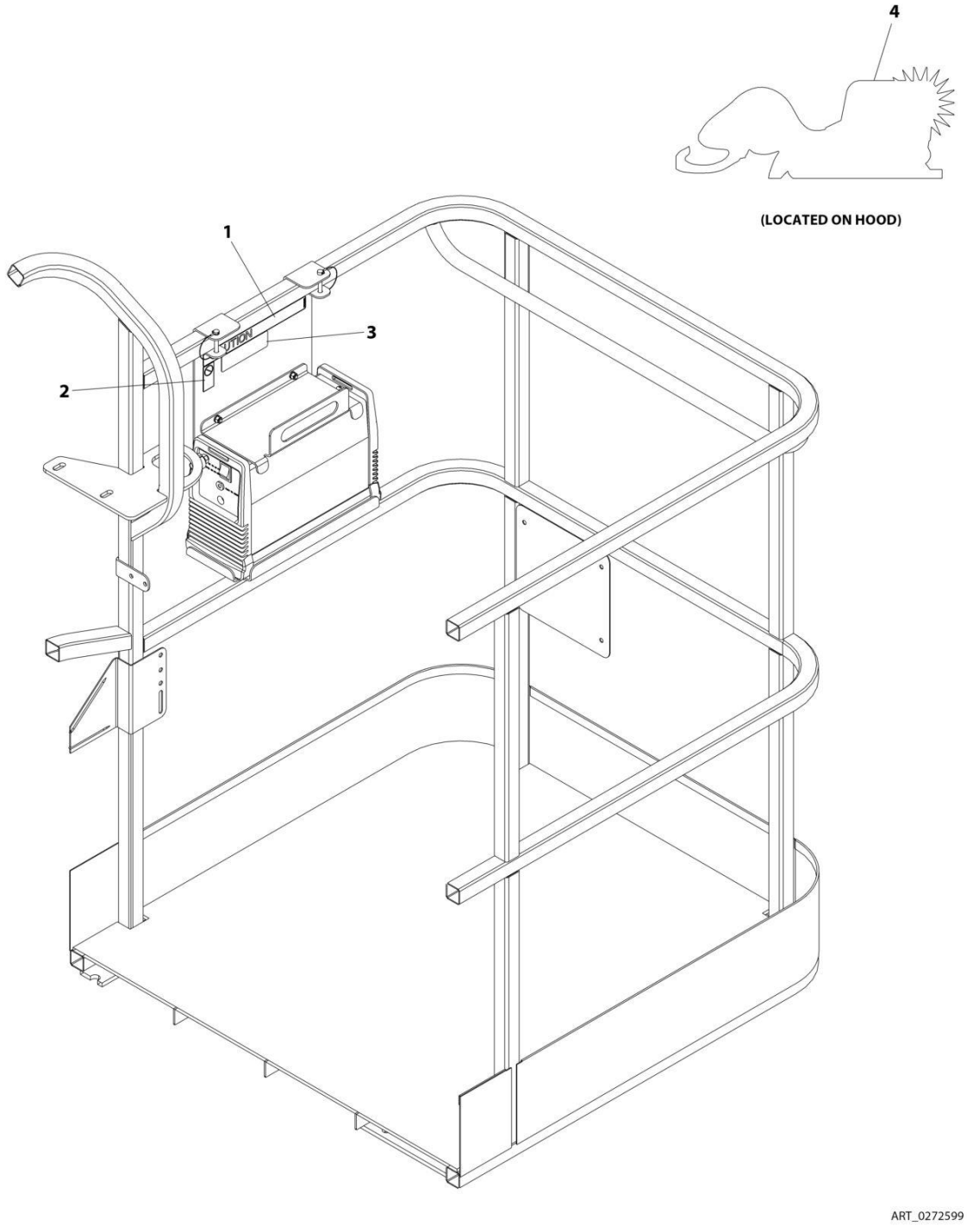

197
198
217
226
UNDER HOOD
ON FAN GUARD
215A
215B
STEEL HOOD
NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FOR ALL SPECS. REFER TO PARTS LIST FOR USAGE.
245A
190
215F
293
274
205
253
33
210
108
262
210
215C
215E
218
264
215D
215E
215E
215A
215B
197
198
293
215F
245A
217
190
238
262
108
267
118
287A
236
245B
33
ART_DECAL_OPTIONS_2OF2

## FIGURE 9-17. DECAL INSTALLATION - OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | DECAL INSTALLATION - OPTIONS | |
| 33 | 1700818 | 2 | Decal - Fuel (LP Gas Machines) (English Language) (ANSI and Australian Specs) | |
| 33 | 1704271 | 2 | Decal - Fuel (LP Gas Machines) (English/French Languages) (CSA Specs) | |
| 33 | 1702720 | 2 | Decal - Fuel (LP Gas Machines) (English/Spanish Languages) (ANSI Export Specs) | |
| 108 | 1001231801 | 1 | Decal - Warning Proposition 65 (ANSI Specs) | |
| 118 | 0257195 | Ref | Decal - Government Warranty Installation (ANSI Spec) | |
| 118 | 1703179 | 1 | Decal - Government Warranty | |
| 190A | 1001262102 | 1 | Decal - SkyGlazier Capacity (English Language) (ANSI & CSA Specs) | |
| 190B | 1001262103 | 1 | Decal - SkyGlazier Capacity (Spanish Language) | |
| 190C | 1001262104 | 1 | Decal - SkyGlazier Capacity (Portuguese Language) | |
| 190L | 1001262105 | 1 | Decal - SkyGlazier Capacity (English Language) (Australian Spec) | |
| 205 | See Note | 1 | Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase) | |
| 210 | 1702868 | 2 | Decal - No Hands (English Language) | |
| 210 | 1001218850 | 2 | Decal - No Hands (CE & UK CA) | |
| 210 | 1001116846 | 2 | Decal - No Hands (English/Chinese Language) | |
| 210 | 1704000 | 2 | Decal - No Hands (English/French Language) | |
| 210 | 1705969 | 2 | Decal - No Hands (English/Korean Language) | |
| 210 | 1705967 | 2 | Decal - No Hands (English/Portuguese Language) | |
| 210 | 1704001 | 2 | Decal - No Hands (English/Spanish Language) | |
| 215 | 1001256838 | Ref | Decal - Logo Installation (All Specs Except CE & UK CA Specs) | |
| 215A | 1702861 | 2 | Decal - JLG Lift (All Specs Except CE & UK CA Specs) | |
| 215B | 1001159323 | 2 | Decal - JLG (CE & UK CA Specs) | |
| 215C | 1702773 | 1 | Decal - JLG | |
| 215D | 1704885 | 1 | Decal - Website | |
| 215E | 1001244212 | 3 | Decal - HC3 | |
| 215F | 1001256906 | 2 | Decal - HC3 | |
| 218 | 3251813 | 1 | Decal - USA | |
| 226 | 1704972 | 1 | Decal - Warning Explosion/ Fire (English Language) (Diesel Machines) (ANSI, AND CSA Specs) | |
| 226 | 1706098 | 1 | Decal - Warning Explosion/Fire (English Language) (Diesel Machines) (Australian, Russian, CE & UK CA Specs) | |
| 226 | 1706059 | 1 | Decal - Warning Explosion/Fire (English/Portuguese Language) (Diesel Machines) (Brazil Specs) | |
| 226 | 1706060 | 1 | Decal - Warning Explosion/Fire (English/Chinese Language) (Diesel Machines) (Chinese Specs) | |
| 226 | 1706064 | 1 | Decal - Warning Explosion/Fire (English Language) (Diesel Machines) (CSA Specs) | |
| 226 | 1706062 | 1 | Decal - Warning Explosion/Fire (English/Japanes Language) (Diesel Machines) (Japanese Specs) | |
| 226 | 1706061 | 1 | Decal - Warning Explosion/Fire (English/Korean Language) (Diesel Machines) (Korean Specs) | |
| 226 | 1706063 | 1 | Decal - Warning Explosion/Fire - (English/Spanish Language) (Diesel Machines) (Latin American Specs) | |
| 238 | 1001125387 | 1 | Decal - Ultra Low Sulfur Fuel (Diesel Machines) (ANSI & CSA Specs) | |
| 238 | 1001139654 | 1 | Decal - Ultra Low Sulfur Fuel (Diesel Machines) (ANSI Export (HRC), CE, Japanese, China & UK CA Specs) | |
| 245 | 1001120993 | Ref | Decal Installation - ClearSky (Machines with ClearSky Option) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 245A | 1001116208 | 2 | Decal - ClearSky | |
| 245B | 1001120989 | 1 | Decal - Radio Frequency | |
| 245 | 1001294861 | Ref | Smart Fleet ClearSky Decal Installation | |
| 245A | 1001120989 | 1 | Decal - Radio Frequency | |
| 245B | 1001294815 | 1 | Decal - ClearSky | |
| 253 | 1001143852 | 1 | Decal - Emission Compliance (Diesel Machines) (ANSI Export (LRC), Australian, CE, Chinese & UK CA Specs) | |
| 262 | 1001141300 | 1 | Decal - SkyGuard Override (Machines without Soft Touch Option) | |
| 262 | 1001141302 | 1 | Decal - SkyGuard Override (Machines with Soft Touch Option) | |
| 263 | 1001197408 | 1 | Decal - MSSO (CE, Russian & UK CA Specs) | |
| 264 | 1705980 | 1 | Decal - Sound Power (106dB) (Machines with Deutz D2011 Engines) (Australian, Russian, CE & UK CA Specs) | |
| 264 | 1001191525 | 1 | Decal - Sound Power (108dB) (Machines with Deutz TD2.9L4 and Deutz 2.9L4 (Stage V) Engines with Steel Hoods) (CE & UK CA Specs) | |
| 264 | 1705368 | 1 | Decal - Sound Power (112dB) (Machines with Deutz TD2.9L4 and Deutz 2.9L4 (Stage V) Engines with ABS Hoods) (CE & UK CA Specs) | |
| 264 | 1001200072 | 1 | Decal - Sound Power (113dB) (Machines with Deutz TD2.9L4 and Deutz 2.9L4 (Stage V) Engines with Steel Hoods) (CE & UK CA Specs) | |
| 267 | 1001200131 | 1 | Decal - Quick Start Guide (Danish Language) | |
| 267 | 1001200129 | 1 | Decal - Quick Start Guide (Dutch Language) | |
| 267 | 1001181145 | 1 | Decal - Quick Start Guide (English Language) | |
| 267 | 1001200128 | 1 | Decal - Quick Start Guide (French Language) | |
| 267 | 1001200130 | 1 | Decal - Quick Start Guide (German Language) | |
| 267 | 1001200134 | 1 | Decal - Quick Start Guide (Norwegian Language) | |
| 267 | 1001200132 | 1 | Decal - Quick Start Guide (Swedish Language) | |
| 267 | 1001200133 | 1 | Decal - Quick Start Guide (Spanish Language) | |
| 274 | 1001214030 | 1 | Decal Installation - EAC (Russian/CIS Specs) | |
| 287A | 1001236400 | 1 | Decal - ECO Label | |

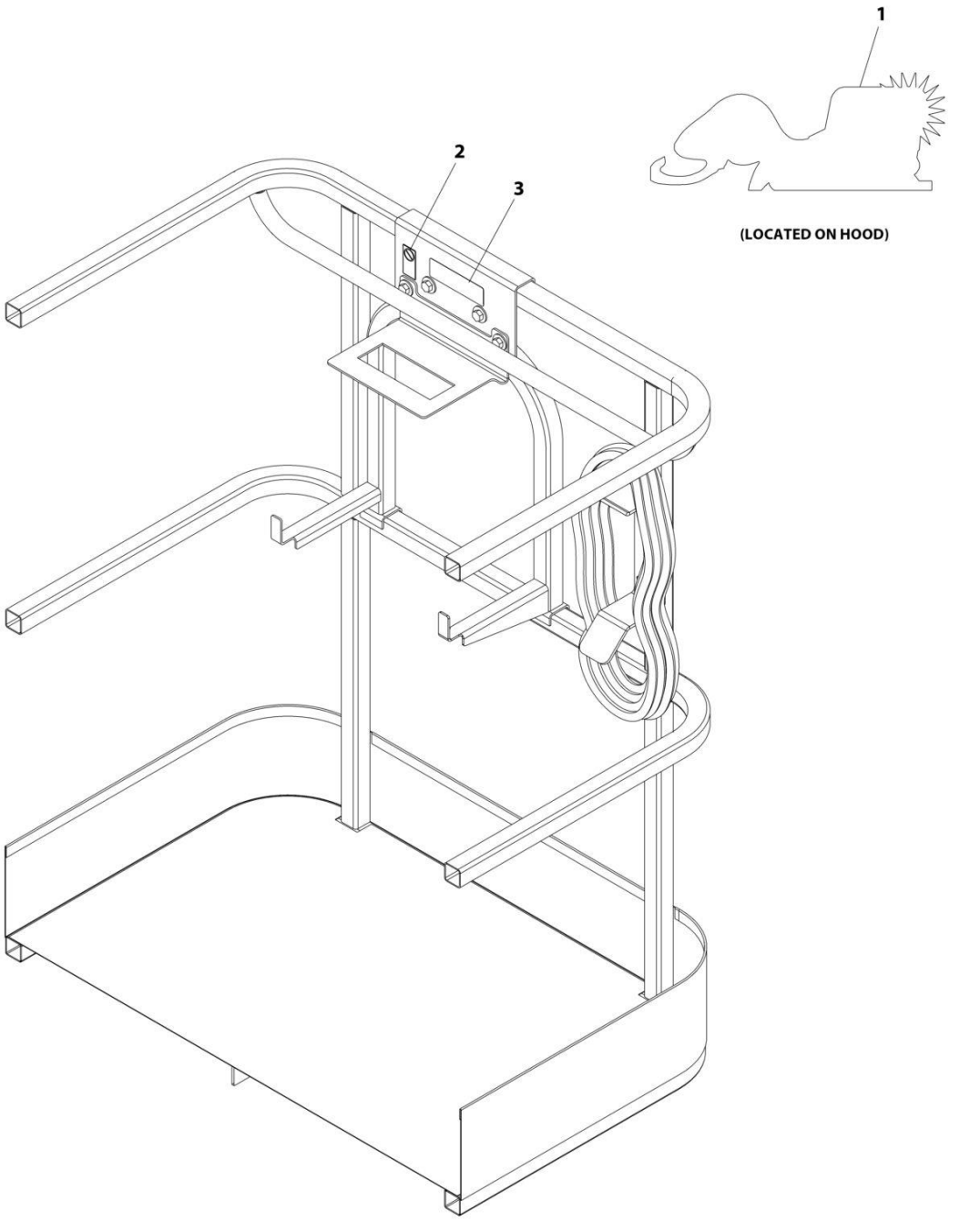
## FIGURE 9-18. SKYCUTTER DECAL INSTALLATION (ANSI, ANSI EXPORT & CSA SPECS)



## FIGURE 9-18. SKYCUTTER DECAL INSTALLATION (ANSI, ANSI EXPORT & CSA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272599 | Ref | SKYCUTTER DECAL INSTALLATION | C |
| 1 | 1702868 | 1 | Decal - No Hands | |
| 2 | 1705305 | 1 | Decal - Weld Leads | |
| 3 | 1001252627 | 1 | Decal - Weight | |
| 4 | 1705490 | 2 | Decal - SkyCutter | |

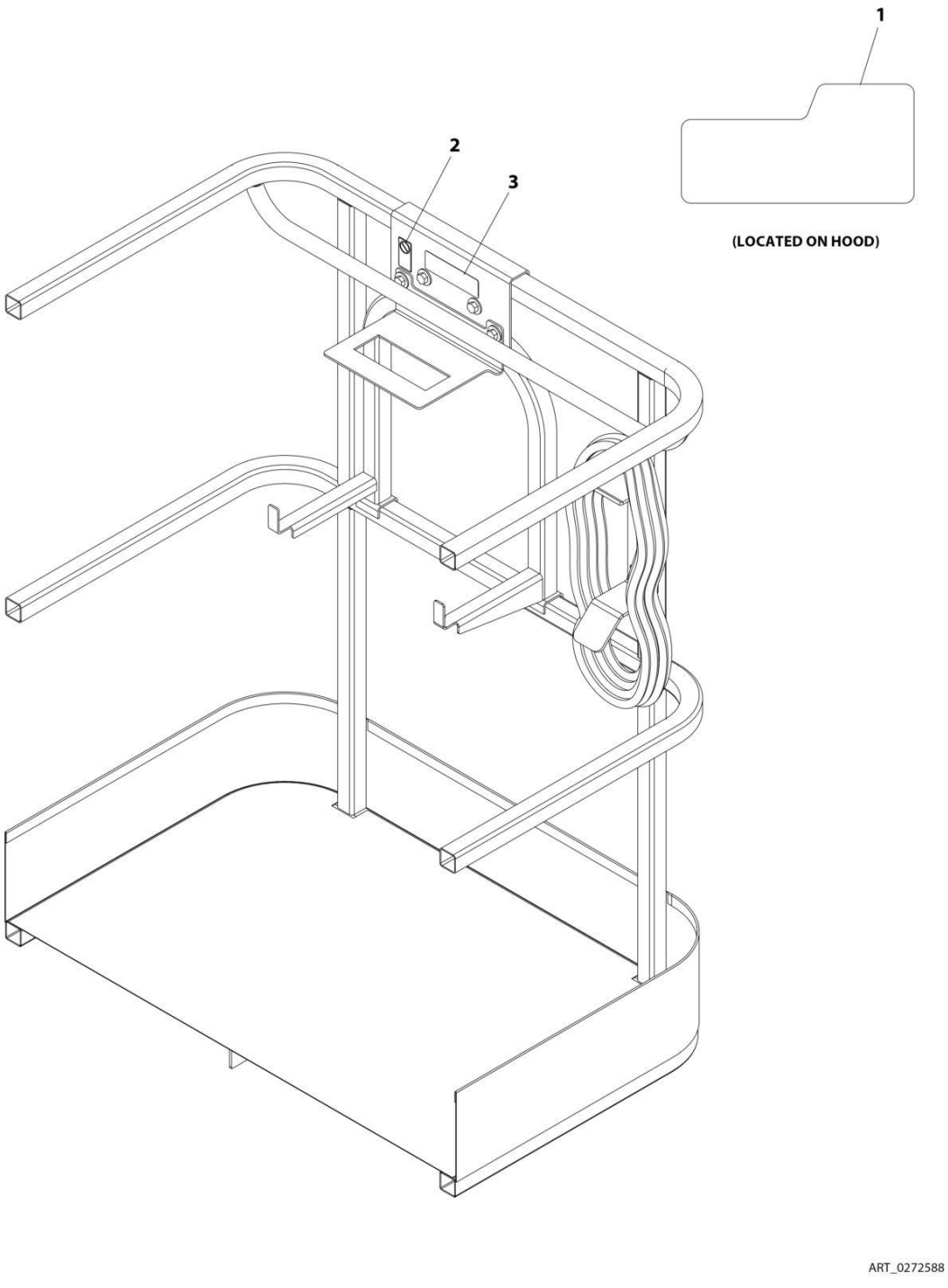
## FIGURE 9-19. SKYCUTTER DECAL INSTALLATION (JAPANESE SPECS)



## FIGURE 9-19. SKYCUTTER DECAL INSTALLATION (JAPANESE SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272607 | 1 | SKYCUTTER DECAL INSTALLATION | C |
| 1 | 1705490 | 2 | Decal - SkyCutter | |
| 2 | 1705305 | 1 | Decal - Weld Lead | |
| 3 | 1001252627 | 1 | Decal - Weight | |

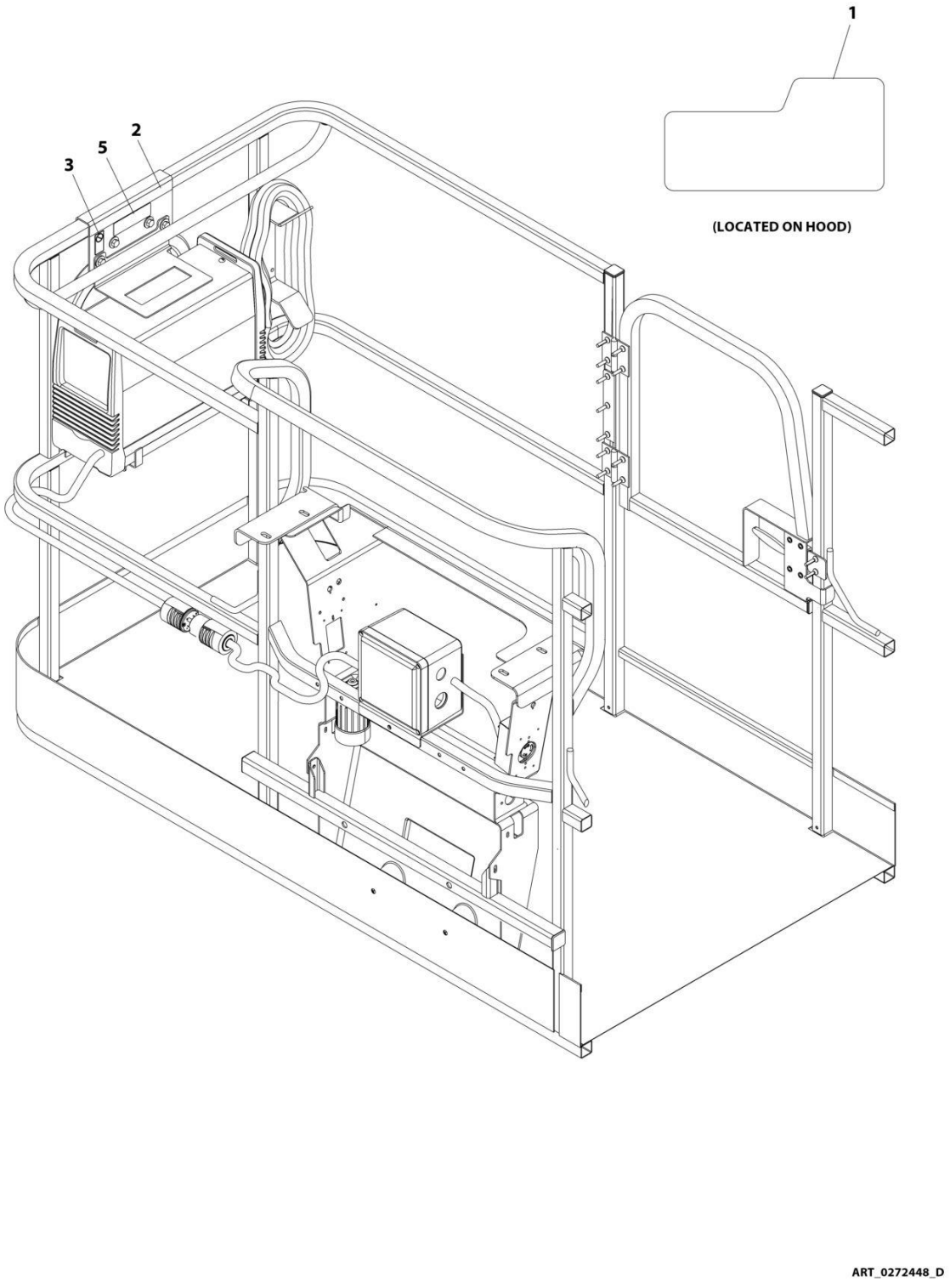
## FIGURE 9-20. SKYWELDER DECAL INSTALLATION - 50HZ



## FIGURE 9-20. SKYWELDER DECAL INSTALLATION - 50HZ

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272588 | Ref | SKYWELDER DECAL INSTALLATION - 50Hz | B |
| 1 | 1705355 | 2 | Decal - SkyWelder | |
| 2 | 1705305 | 1 | Decal - Weld Lead | |
| 3 | 1001228988 | 1 | Decal - Weight | |

## FIGURE 9-21. SKYWELDER DECAL INSTALLATION - 60HZ



## FIGURE 9-21. SKYWELDER DECAL INSTALLATION - 60HZ

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272448 | Ref | SKYWELDER DECAL INSTALLATION - 60Hz | D |
| 1 | 1705355 | 2 | Decal - SkyWelder | |
| 2 | 1702868 | 1 | Decal - No Hands | |
| 3 | 1705305 | 1 | Decal - Weld Lead | |
| 5 | 1001228988 | 1 | Decal - Weight | |

# SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

# SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

## FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department. | |
| | 1001181045 | 1 | Breaker, 30mA/16Amp (16Amp Breaker Box) | |
| | 1001181046 | 1 | Breaker, 30mA/10Amp (10Amp Breaker Box) | |
| | 4360070 | 1 | Breaker, Circuit 15Amp (4000W/60HZ & 7500W Generators) | |
| | 7024485 | 1 | Breaker, Circuit 30Amp (7500W Generators with Deutz D2011 and Ford Engines) | |
| | 70006095 | 1 | Breaker, Circuit 30Amp (7500W Generators with Deutz TD2.9L4) | |
| | 4360542 | 1 | Breaker, Circuit (2500W/110V Generators) | |
| | 70001431 | 1 | Breaker, Circuit (Plasma Cutter) | |
| | 1001159118 | 1 | Breaker, GFCI 30Amp 240VAC (240V AC Box At Platform) | |
| | 70005708 | 1 | Breather Assembly (USA Built Machines) | |
| | 70007726 | 1 | Breather Kit (China Built Machines) | |
| | 7012944 | 1 | Coil (Control Valves Installation) | |
| | 7012943 | 1 | Coil (Lift Cylinder Assembly) | |
| | 7017451 | 1 | Coil (Lift Cylinder Assembly) | |
| | 70003789 | 1 | Coil (Main Control Valve) | |
| | 70002386 | 1 | Coil (Main Control Valve and Platform Valve) | |
| | 70003788 | 1 | Coil (Main Control Valve and Platform Valve) | |
| | 4360476 | 1 | Contactor (Ground Control Boxes and Platform Console Boxes) | |
| | 7020176 | 1 | Contactor (Ground Control Boxes and Platform Console Boxes) | |
| | 1001212415 | 1 | Controller Drive/Steer (Platform Console Box Assembly) | |
| | 1001117174 | 1 | Controller, Footswitch Assembly | |
| | 1001129555 | 1 | Controller Lift/Swing (Platform Console Box Assembly) | |
| | 4360407 | 1 | Controller, Speed (Platform Console Box) | |
| | 3990010 | 2 | Diode, 6 Amp (Ground Control Box Harness) | |
| | | Ref | Engine - Deutz D2011 | |
| | 70004020 | 12 | Filter, Air | |
| | 7016328 | 12 | Filter, Fuel | |
| | 7016331 | 12 | Filter, Oil | |
| | 7027795 | 1 | Module, Control | |
| | 3740067 | 1 | Relay | |
| | 3740080 | 1 | Relay | |
| | 70004058 | 1 | Relay | |
| | | Ref | Engine - Deutz TD2.9L4 | |
| | 91403102 | 12 | Filter, Air | |
| | 70025161 | 12 | Filter, Fuel (Engine Mounted) | |
| | 70025153 | 12 | Filter, Fuel (Frame Mounted) | |
| | 7016331 | 12 | Filter, Oil | |
| | 1001196634 | 2 | Fuse, 2Amp (Breather Heater Harness) | |
| | 8229242 | 2 | Fuse, 5Amp | |
| | 80983191 | 2 | Fuse, 10Amp | |
| | 70023592 | 2 | Fuse, 20Amp | |
| | 70023593 | 2 | Fuse, 30Amp | |
| | 70025210 | 1 | Module, ECU | |
| | 3740067 | 1 | Relay | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70005648 | 1 | Relay | |
| | 1001117308 | 1 | Relay | |
| | | Ref | Engine - Deutz TD2.9L4 (Stage V) | |
| | 91403102 | 12 | Filter, Air | |
| | 70025161 | 12 | Filter, Fuel (Engine Mounted) | |
| | 70025153 | 12 | Filter, Fuel (Frame Mounted) | |
| | 7016331 | 12 | Filter, Oil | |
| | 1001196634 | 2 | Fuse, 2Amp (Breather Heater Harness) | |
| | 8229242 | 2 | Fuse, 5Amp | |
| | 80983191 | 2 | Fuse, 10Amp | |
| | 70023592 | 2 | Fuse, 20Amp | |
| | 70023593 | 2 | Fuse, 30Amp | |
| | 70025210 | 1 | Module, ECU | |
| | 3740067 | 1 | Relay | |
| | 70005648 | 1 | Relay | |
| | 1001117308 | 1 | Relay | |
| | | Ref | Engine - Deutz TD2.9L4 (China III) | |
| | 91403102 | 12 | Filter, Air | |
| | 1001225432 | 12 | Filter, Fuel (Engine Mounted) | |
| | 1001225430 | 12 | Filter, Fuel (Frame Mounted) | |
| | 7016331 | 12 | Filter, Oil | |
| | 8229242 | 2 | Fuse, 5Amp | |
| | 80983191 | 2 | Fuse, 10Amp | |
| | 70025210 | 1 | Module, ECU | |
| | 3740067 | 1 | Relay | |
| | 70005648 | 1 | Relay | |
| | 1001117308 | 1 | Relay | |
| | | Ref | Engine - Ford | |
| | 70005008 | 12 | Filter, Air - Primary | |
| | 70006460 | 12 | Filter, Air -Secondary | |
| | 70006155 | 12 | Filter, Fuel | |
| | 70006213 | 12 | Filter, Oil | |
| | 70006175 | 2 | Fuse, 20Amp | |
| | 70006176 | 1 | Module, Engine Control Unit | |
| | 3740067 | 1 | Relay | |
| | 70006171 | 1 | Relay | |
| | 70006172 | 1 | Relay | |
| | 70002097 | 12 | Element, Filter (Control Valves Installation) | |
| | 70002231 | 12 | Element, Filter (Control Valves Installation) | |
| | 8229249 | 2 | Fuse, 3 Amp (USB Charger and Platform Console Box Harness) | |
| | 2400064 | 2 | Fuse, 5Amp (7500W Generator to Engine Harness with Deutz D2011 and Ford Engines) | |
| | 8229242 | 2 | Fuse, 5Amp (Ground Control Box Harness) | |
| | 2860030 | 1 | Key Replacement (Ground Control Box Assembly) | |
| | 2940074 | 1 | Latch (Platforms with Gate) | |
| | 1001142683 | 1 | Module, Control (Strobe Light Installations) | |
| | 1001103667 | 1 | Module, Ground Control | |
| | 1001141138 | 1 | Module, Platform | |
| | 3740080 | 1 | Relay (2500W Generators and 7500W Generator with Ford Engine) | |
| | 70006553 | 1 | Relay (4000W Generators) | |
| | 3740049 | 1 | Relay (Ground Control Box Assembly) | |

# SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186431 | 1 | Relay (SkyGuard) | |
| | 3740086 | 1 | Relay (SkyLine Harness) | |
| | 1001147479 | 1 | Sensor (Level Sensor Installation) | |
| | 1001191022 | 1 | Sensor (Lower Sensor Assembly) | |
| | 1001137673 | 1 | Sensor (SkyGuard) | |
| | 1001228225 | 1 | Sensor, Emitter (SkyEye) | |
| | 1001148607 | 1 | Sensor, Fuel (Gas/Diesel Engines on China Built Machines) | |
| | 4360057 | 1 | Sensor, Limit (Soft Touch Installation) | |
| | 1001247468 | 1 | Sensor, Loadcell (Platform Support Installation) | |
| | 7026638 | 1 | Sensor, Pressure (Air Compressor) | |
| | 4360506 | 1 | Sensor, Proximity (Boom Cables Installation) | |
| | 1001170847 | 1 | Sensor, Proximity (Dual Capacity Installation) | |
| | 1001182570 | 1 | Sensor, Proximity (Dual Capacity Installation) | |
| | 4360517 | 1 | Sensor, Proximity (Rotary Coupling) | |
| | 1001232667 | 1 | Sensor, Proximity (SkyLine) | |
| | 1001228224 | 1 | Sensor, Receiver (SkyEye) | |
| | 1001225346 | 1 | Switch, Battery (Battery Disconnect Installation) | |
| | 4360475 | 1 | Switch, Emergency Stop (Ground Control and Platform Conosole Boxes) | |
| | 4360469 | 1 | Switch, Key (Ground Control Box Assembly) | |
| | 4360387 | 1 | Switch, Push Button (CE & UK CA Ground Control Boxes, Platform Console Boxes, and Soft Touch) | |
| | 4360274 | 1 | Switch, Push Button (Ground Control Boxes with Deutz Stage V Engine) | |
| | 70001432 | 1 | Switch, Rocker (Plasma Cutter) | |
| | 4360336 | 1 | Switch, Toggle (Generator Installations) | |
| | 1001155045 | 1 | Switch, Toggle (Ground Control Box Assembly) | |
| | 4360328 | 1 | Switch, Toggle (Jib Switch Installation) | |
| | 1001159256 | 1 | Switch, Toggle (Platform Console Boxes) | |
| | 1001161709 | 1 | Switch, Toggle (Platform Console Boxes) | |
| | 7024469 | 1 | Switch with Lead (Welder Assembly) | |

# SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

# SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

## FIGURE 11-1. SPECIAL OPTIONS/ACCESSORIES/KITS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department. | |
| | | Ref | SPECIAL OPTIONS/ACCESSORIES/KITS | |
| | 1001229762 | Ref | Air Intake Shut-off Valve (Deutz TD2.9L4 Engines) | |
| | 1340061 | Ref | Air Cleaner Precleaner | |
| | | Ref | Air Line at Platform Installations | |
| | 0271472 | Ref | Air Line at Platform Installations (800S,800S HC3) | |
| | 0271473 | Ref | Air Line at Platform Installations (860SJ HC3) | |
| | 1001091712 | Ref | Air Line at Platform Installations - With Cold Weather Package (800S HC3) | |
| | 1001091713 | Ref | Air Line at Platform Installations - With Cold Weather Package (860SJ HC3) | |
| | 0271476 | Ref | Bellows Installations - Boom (800S HC3) | |
| | 1001257440 | Ref | Bellows Installations - Boom (860SJ HC3) | |
| | 1001158259 | Ref | Bellows Installations - Frame | |
| | 1001111231 | Ref | Boom Rope Service Kit (800S HC3) | |
| | 1001197240 | Ref | Boom Rope Service Kit (860SJ HC3) | |
| | 2910888 | Ref | Boom Wear Pad Kit | |
| | 0271448 | Ref | Boom Wiper Installation (800S HC3) | |
| | 1001257418 | Ref | Boom Wiper Installation (860SJ HC3) | |
| | 1001233047 | Ref | Breather Heater Kit (Deutz TD2.9L4 Engines) | |
| | 1001172045 | Ref | Cable/Ladder Rack Installation | |
| | | Ref | ClearSky (Telematics) Add-on Kits (Dealer Installed) | |
| | 1001242409 | Ref | ClearSky (Telematics) Access Control Add-on Kit Kit (ANSI, ANSI Export and CSA Specs) | |
| | 1001243183 | Ref | ClearSky (Telematics) Add-on Kit (ANSI, ANSI Export and CSA Specs) | |
| | 1001243184 | Ref | ClearSky (Telematics) Add-on Kit (CE & UK CA Specs) | |
| | 1001246142 | Ref | ClearSky (Telematics) Add-on Kit (Australian Specs) | |
| | 1001276923 | Ref | ClearSky (Telematics) Add-on Kit (Contact JLG for Approved Countries) | |
| | 1001289850 | Ref | ClearSky (Telematics) CS550 Installation | |
| | | Ref | Cold Weather Start Kits (Factory Installed) | |
| | 1001178208 | Ref | Deutz D2011 Engine (With 25 GAL Capacity Hydraulic Tank) | |
| | 1001178207 | Ref | Deutz TD2.9L4 Engine (With 25 GAL Capacity Hydraulic Tank) | |
| | 1001255807 | Ref | Deutz TD2.9L4 (Stage V) (With 25 GAL Capacity Hydraulic Tank) | |
| | 1001282099 | Ref | Deutz TD2.9L4 Stage IV Engine Machines | |
| | 1001219840 | Ref | Ford DF 2.5L Engine Machines (With 25 GAL Capacity Hydraulic Tank) | |
| | 1001287837 | Ref | Deutz D2011 Engine (With 47.8 GAL Capacity Hydraulic Tank) | |
| | 1001287836 | Ref | Deutz TD2.9L4 Engine (With 47.8 GAL Capacity Hydraulic Tank) | |
| | 1001287814 | Ref | Deutz TD2.9L4 (Stage V) (With 47.8 GAL Capacity Hydraulic Tank) | |
| | 1001287839 | Ref | Ford DF 2.5L Engine Machines (With 47.8 GAL Capacity Hydraulic Tank) | |
| | 1001245137 | Ref | Control Valve Lockdown Kit (Used on Valves p/n 1001235900, 1001235901 & 1001244114) | |
| | 1001115918 | Ref | Cribbing Switch Installation | |
| | | Ref | Decal Kits Options: | |
| | 1001273071 | Ref | Machine (ANSI) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001273072 | Ref | Platform (ANSI) | |
| | 1001273073 | Ref | Platform Console Box (ANSI) | |
| | 1001214984 | Ref | Platform Box Film Installation | |
| | 1001109257 | Ref | Drive Orientation Kit (860SJ HC3) | |
| | 2902394 | Ref | Drive/Steer Cutout Kit | |
| | | Ref | Electrical Connector Kits | |
| | 1001148902 | Ref | Amp/Tyco Electrical Connector Kit | |
| | 1001148903 | Ref | Deutsch DT Electrical Connector Kit | |
| | 1001148904 | Ref | Deutsch HD Electrical Connector Kit | |
| | 1001148905 | Ref | Packard Electrical Connector Kit | |
| | 1001148906 | Ref | Various Electrical Connectors Kit | |
| | 1001218022 | Ref | Engine Block Heater Installation (Ford DF 2.5L Engines) | |
| | 1001237883 | Ref | Fall Arrest (Bolt-on) Add-on Kit (6ft/1.82m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/ns 1001186384, 1001144024 & 1001228376) | |
| | 1001237882 | Ref | Fall Arrest (Bolt-on) Add-on Kit (8ft/2.4m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/ns 1001186383 & 1001144023) | |
| | 1001269630 | Ref | Fall Arrest (Bolt-on) Add-on Kit (4ft/1.22m Platform) (All Specs) | |
| | 1001269629 | Ref | Fall Arrest (Bolt-on) Add-on Kit (5ft/1.52m Platform) (All Specs) | |
| | 1001269631 | Ref | Fall Arrest (Bolt-on) Add-on Kit (6ft/1.82m Platform) (All Specs) | |
| | | Ref | Fan Cover/Grille Options: | |
| | 1001182599 | Ref | Fan Cover Installation (Deutz D2011 Engines) | |
| | 1001177694 | Ref | Fan Grille Installation (Deutz TD2.9L4 Engines and Deutz TD2.9L4 (Stage V) Engines) (Modine Radiator Only) | |
| | 1001093389 | Ref | Fan Cover Installation (Ford DF 2.5L Engines) | |
| | 1001139099 | Ref | Fire Extinguisher Installation (20lb) (Platform Mounted) | |
| | 1001227951 | Ref | Fire Protection for Platform Valves, Filters and Hoses/Cables (800S HC3) | |
| | 1001239235 | Ref | Fire Protection for Platform Valves, Filters and Hoses/Cables (860SJ HC3) | |
| | 1001272888 | Ref | Fire Protection for Platform Hoses/Cables Only (860SJ HC3) | |
| | | Ref | Filter Kits: | |
| | | Ref | Combined Filter Kit (Hydraulic/Air and Fuel/Engine Oil) | |
| | 1001225623 | 1 | Deutz D2011 Engine Machines | |
| | 1001195537 | 1 | Deutz DT2.9L4 Engine (All Specs) | |
| | 1001286519 | 1 | Deutz DT2.9L4 Engine - Without HYD Filters (China Spec) | |
| | 1001286521 | 1 | Deutz DT2.9L4 Engine - With HYD Filters (China Spec) | |
| | 1001114052 | 1 | Ford DF 2.5L Engine Machines | |
| | 1001274833 | Ref | Floor Mat Add-on Kit (30x48 Platform) (Dealer Installed) | |
| | 1001274832 | Ref | Floor Mat Add-on Kit (30x60 Platform) (Dealer Installed) | |
| | 1001274830 | Ref | Floor Mat Add-on Kit (36x72 Platform) (Dealer Installed) | |
| | 1001274829 | Ref | Floor Mat Add-on Kit (36x96 Platform) (Dealer Installed) | |
| | 1001265676 | Ref | Ford 42 Way Connector Kit | |
| | 1001117294 | Ref | Footswitch Shield (With Arctic Package) | |
| | 1001202749 | Ref | Fuel Cap Cover Installation (Black) (Note: Lock p/n 1001102157 Must be Purchased Separately) | |
| | 1001191395 | Ref | Fuel Cap Cover Installation (Green) (Diesel Machines) (Note: Lock p/n 1001102157 Must be Purchased Separately) | |
| | 1001191394 | Ref | Fuel Cap Cover Installation (Red) (Gas Machines) (Note: Lock p/n 1001102157 Must be Purchased Separately) | |
| | 1001116163 | Ref | 7500W/60Hz Generator Add-on Kit | |
| | | Ref | Hose Kit Options: | |
| | 1001187509 | Ref | Hose Kit - Boom (800S HC3) | |

# SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001187500 | Ref | Hose Kit - Boom (860SJ HC3) | |
| | 1001209634 | Ref | Hose Kit - Platform Valve (800S HC3) | |
| | 1001209635 | Ref | Hose Kit - Platform Valve (860SJ HC3) | |
| | 1001293369 | Ref | Hood Plug Installation | |
| | 1001204929 | Ref | Hostile Environment Add-on Kit (Dealer Installed) (800S HC3) | |
| | 1001241416 | Ref | Hostile Environment Add-on Kit (Dealer Installed) (860SJ HC3) | |
| | 1001121412 | Ref | Hostile (Extreme) Environment Installation (Factory Installed) (800S HC3) | |
| | 1001210977 | Ref | Hostile (Extreme) Environment Installation (Factory Installed) (860SJ HC3) | |
| | 1001281420 | Ref | Hostile Environment Kit (800S HC3) | |
| | 1001281419 | Ref | Hostile Environment Kit (860SJ HC3) | |
| | 1001094475 | Ref | Hourmeter for Generator | |
| | 1001229935 | Ref | Hydraulic Tank Lock Installation | |
| | 1001268736 | Ref | Jib Link Kit | |
| | | Ref | Light Options | |
| | 0272057 | Ref | Chassis Illumination Lights (ABS Hoods) | |
| | 1001184259 | Ref | Chassis Illumination Lights (Steel Hoods) | |
| | 0271552 | Ref | Headlights & Taillights Installation (ABS Hoods) | |
| | 1001164786 | Ref | Headlights & Taillights Installation (Steel Hoods) | |
| | 1001120466 | Ref | Platform Worklights Installation | |
| | 1001120467 | Ref | Platform Flood Lights Installation | |
| | 1001128153 | Ref | Platform Worklights Installation (Worklight 4 Corner) | |
| | 1001268755 | Ref | Lift Cylinder, Jib Kit (860SJ HC3) | |
| | 1001236951 | Ref | Low Temperature Cutout Installation (Russian Specs) | |
| | 1001290375 | Ref | Oil Drain Kit (Ford Engines) | |
| | | Ref | Oil Cooler Options: | |
| | 1001297083 | Ref | Oil Cooler Installations (Deutz D2011 Engines) | |
| | 1001186631 | Ref | Oil Cooler Installations (Deutz TD2.9L4 Engines and Deutz TD2.9L4 (Stage V) Engines) (YMER Cooler) | |
| | 1001219633 | Ref | Oil Cooler Installations (Ford DF 2.5L Engines) | |
| | 1001200725 | Ref | Oil Cooler Replacement Kit (RCP to YMER) | |
| | 1001272166 | Ref | Pipe Rack Kit | |
| | 1580013 | Ref | Platform Corner Storage Tray | |
| | | Ref | Platform Box Cover Installations | |
| | 1001195304 | Ref | Plastic Cover (All Specs except China Specs) | |
| | 1001266290 | Ref | Steel Cover (ANSI Export, CE & UK CA (LRC), and China Specs | |
| | 1001270482 | Ref | Steel Cover (All Specs) (Dealer Installed) | |
| | | Ref | Platform Entry Kits | |
| | 1001142504 | Ref | Drop Bar (Replacing Swing Gate with Drop Bar) | |
| | 1001142505 | Ref | Swing Gate (Replacing Drop Bar with Swing Gate) | |
| | | Ref | Platform Mesh To Mid Rail Installation (Side Entry Platform): | |
| | 1001272274 | Ref | 30in x 4ft (76cm x 1.22m) Platforms (ANSI, ANSI Export and Australian Specs) | |
| | 1001272178 | Ref | 30in x 5ft (76cm x 1.52m) Platforms (ANSI, ANSI Export and Australian Specs) | |
| | 1001271760 | Ref | 36in x 6ft (91.5cm x 1.83m) Platforms (ANSI, ANSI Export and Australian Specs) | |
| | 1001269389 | Ref | 36in x 8ft (91.5cm x 2.44m) Platforms (ANSI, ANSI Export Australian, Russia and China Specs) | |
| | | Ref | Platform Plastic Mesh To Mid Rail Installation (Side Entry Platform): | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001266969 | Ref | 30in x 4ft (76cm x 1.22m) Platforms (ANSI, ANSI Export and Australian Specs) | |
| | 1001266799 | Ref | 30in x 5ft (76cm x 1.52m) Platforms (ANSI, ANSI Export and Australian Specs) | |
| | 1001266284 | Ref | 36in x 6ft (91.5cm x 1.83m) Platforms (ANSI, ANSI Export and Australian Specs) | |
| | 1001266098 | Ref | 36in x 8ft (91.5cm x 2.44m) Platforms (ANSI, ANSI Export Australian, Russia and China Specs) | |
| | | Ref | Platform Mesh to Mid Rail Add-on Kits: | |
| | 1001281461 | Ref | 30in x 4ft (76cm x 1.22m) with Gate | |
| | 1001281460 | Ref | 30in x 5ft (76cm x 1.52m) with Gate | |
| | 1001281458 | Ref | 36in x 6ft (91.5cm x 1.83m) with Gate | |
| | 1001281457 | Ref | 36in x 8ft (91.5cm x 2.44m) with Gate | |
| | | Ref | Platform Mesh To Top Rail Installation (Side Entry Platform): | |
| | 1001272182 | Ref | 30in x 4ft (76cm x 1.22m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | 1001271888 | Ref | 30in x 5ft (76cm x 1.52m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | 1001271642 | Ref | 36in x 6ft (91.5cm x 1.83m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | 1001269187 | Ref | 36in x 8ft (91.5cm x 2.44m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | | Ref | Platform Plastic Mesh To Top Rail Installation (Side Entry Platform): | |
| | 1001266807 | Ref | 30in x 4ft (76cm x 1.22m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | 1001266801 | Ref | 30in x 5ft (76cm x 1.52m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | 1001266489 | Ref | 36in x 6ft (91.5cm x 1.83m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | 1001266056 | Ref | 36in x 8ft (91.5cm x 2.44m) Platforms (ANSI, ANSI Export and CSA Specs) | |
| | | Ref | Platform Mesh to Top Rail Add-on Kits: | |
| | 1001281456 | Ref | 30in x 4ft (76cm x 1.22m) with Gate | |
| | 1001281455 | Ref | 30in x 5ft (76cm x 1.52m) with Gate | |
| | 1001281453 | Ref | 36in x 6ft (91.5cm x 1.83m) with Gate | |
| | 1001281452 | Ref | 36in x 8ft (91.5cm x 2.44m) with Gate | |
| | 1001149730 | Ref | Platform Mid Rail Repair Kit | |
| | | Ref | Platform Top Rail Extension Installations: | |
| | 0272733 | Ref | Platform 6ft (1.83m) | |
| | 0272725 | Ref | Platform 8ft (2.44m) | |
| | 1001209059 | Ref | Platform Work Surface Installation | |
| | 1001100121 | Ref | Programmable Security Lock Installation (CE, China & UK CA Specs Only) | |
| | 1001162546 | Ref | Pump Coupling Service Kit (Sauer Danfoss) | |
| | 1001199487 | Ref | Radiator Replacement Kit (RCP to Modine) | |
| | 1001190889 | Ref | Service Kits/Tools | Y |
| | 1001241547 | Ref | SkyEye Housing Kit (Left Side) | |
| | 1001241548 | Ref | SkyEye Housing Kit (Right Side) | |
| | 1001247073 | Ref | SkyEye Retrofit Kit | |
| | | Ref | SkyGuard Component Options: | |
| | 1001206477 | Ref | SkyGuard Complete Add-On Kit (Blue Beacon) | |
| | 1001210026 | Ref | SkyGuard Complete Add-On Kit (Red Beacon) | |
| | 1001137672 | Ref | SkyGuard Platform Sensor Kit | |

# SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001137440 | 1 | SkyGuard Sensor Harness | |
| | 1001186431 | 2 | Relay | |
| | 1001206311 | Ref | SkyGuard Strobe Light Kit (Blue Beacon) | |
| | 1001210025 | Ref | SkyGuard Strobe Light Kit (Red Beacon) | |
| | 1001250595 | Ref | SkyGuard 6-Pin Retrofit Installation Kit | |
| | 1001249052 | Ref | SkyGuard Retrofit Kit (Dealer Installed) | |
| | 1001262016 | Ref | SkyLine Kit (Dealer Installed) | |
| | 1001289831 | Ref | SkySense/Enhanced Detection System (EDS) Level 1 (2-Bar) Kit (Factory Installed) | |
| | 1001289832 | Ref | SkySense/Enhanced Detection System (EDS) Level 2 (3-Bar) Kit (Factory Installed) | |
| | 1001289905 | Ref | SkySense/Enhanced Detection System (EDS) Level 1 (2-Bar) Kit (Dealer Installed) | |
| | 1001289906 | Ref | SkySense/Enhanced Detection System (EDS) Level 2 (3-Bar) Kit (Dealer Installed) | |
| | 1001253618 | Ref | SkySense/Enhanced Detection System (EDS) Module 1001246867 Service Kit for Level 1 (2-Bar) (Dealer Installed) | |
| | 1001253619 | Ref | SkySense/Enhanced Detection System (EDS) Module 1001246860 Service Kit for Level 2 (3-Bar) (Dealer Installed) | |
| | 1001282461 | Ref | SkySense Padding Installation - For 30 x 48 Platforms equiped with SkySense | |
| | 1001275644 | Ref | SkySense Padding Installation - For 30 x 60 Platforms equiped with SkySense | |
| | 1001275642 | Ref | SkySense Padding Installation - For 36 x 72 Platforms equiped with SkySense | |
| | 1001269655 | Ref | SkySense Padding Installation - For 36 x 96 Platforms equiped with SkySense | |
| | 1001263395 | Ref | SkyWelder Kit (Dealer Installed) | |
| | 1001231235 | Ref | SkyWelder Locking Bracket Installation | |
| | 1001281070 | Ref | Strobe Beacon Replacement Kit | |
| | 1001152965 | Ref | Strobe Light (Amber) Platform Beacon installtaion | |
| | 1001284511 | Ref | Telematics Gateway (Dealer Installed) | |
| | | Ref | Tools for Service | |
| | 2901443 | 1 | Analyzer Kit | |
| | 1001249695 | 1 | Analyzer and Cable Kit | |
| | 1001249941 | 1 | Analyzer and Cable Kit (Battery Powered) | |
| | 4460467 | 1 | Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors) | |
| | 4460510 | 1 | Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors) | |
| | 7002823 | 1 | Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors) | |
| | 7002822 | 1 | Screwdriver, Potentiometer (To Adjust Drive Controllers) | |
| | 7016654 | 1 | Screwdriver, Magnetic | |
| | 7004275 | 1 | Seal Installation Tool - 1in | |
| | 7004276 | 1 | Seal Installation Tool - 1-1/2in | |
| | 7002826 | 1 | Seal Installation Tool - 2in | |
| | 1001137005 | 1 | Software Cable Kit | |
| | 70005663 | 1 | Tool, Port Plate for Pump p/n 1001142522 | |
| | 7002821 | 1 | Wire Crimper (To install wire ends to wires) | |
| | 7016655 | 1 | Wire Rope Sheave Gauge | |
| | 8896941 | 1 | Wire Stripper | |
| | 1001228355 | Ref | Turntable Bearing Cover Installation | |
| | 2915094 | Ref | Turntable Bearing Replacement Kit | |

# SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001274249 | Ref | USB Charger Add-on Kit (Dealer Installed) | |
| | 1001262959 | Ref | Voltage Regulator Relocation Kit (ClearSky) | |
| | 0271487 | Ref | Weld Leads Installation (800S HC3) | |
| | 0271488 | Ref | Weld Leads Installation (860SJ HC3) | |

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