# Illustrated Parts Manual

# *Models*
# *EC600SJ/EC600SJP*
# *H600SJ/H600SJP*

**PVC**
**2107**

**P/N**
**31217497**

**January 9, 2023 - Rev C**

***ANSI***

CE

UK
CA

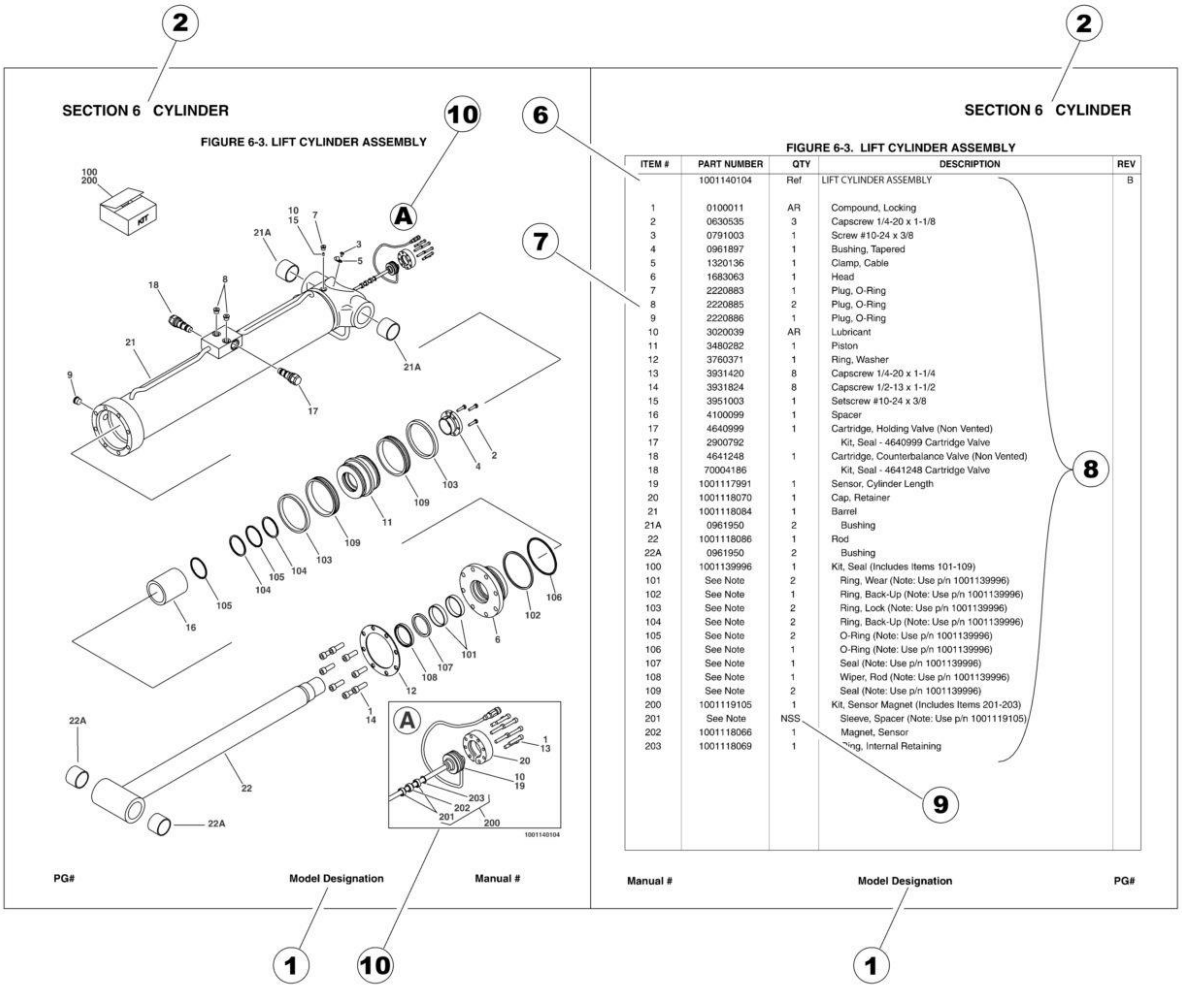
***AS/NZS***

An Oshkosh Corporation Company

# REVISION LOG

July 1, 2021 - A - Original Issue of Manual (Edited to B/M 1001263600 J)
November 15, 2021 - B - Revised Manual (Edited to B/M 1001263600 J)
January 9, 2023 - C - Revised Manual (Edited to B/M 1001263600 J)

# 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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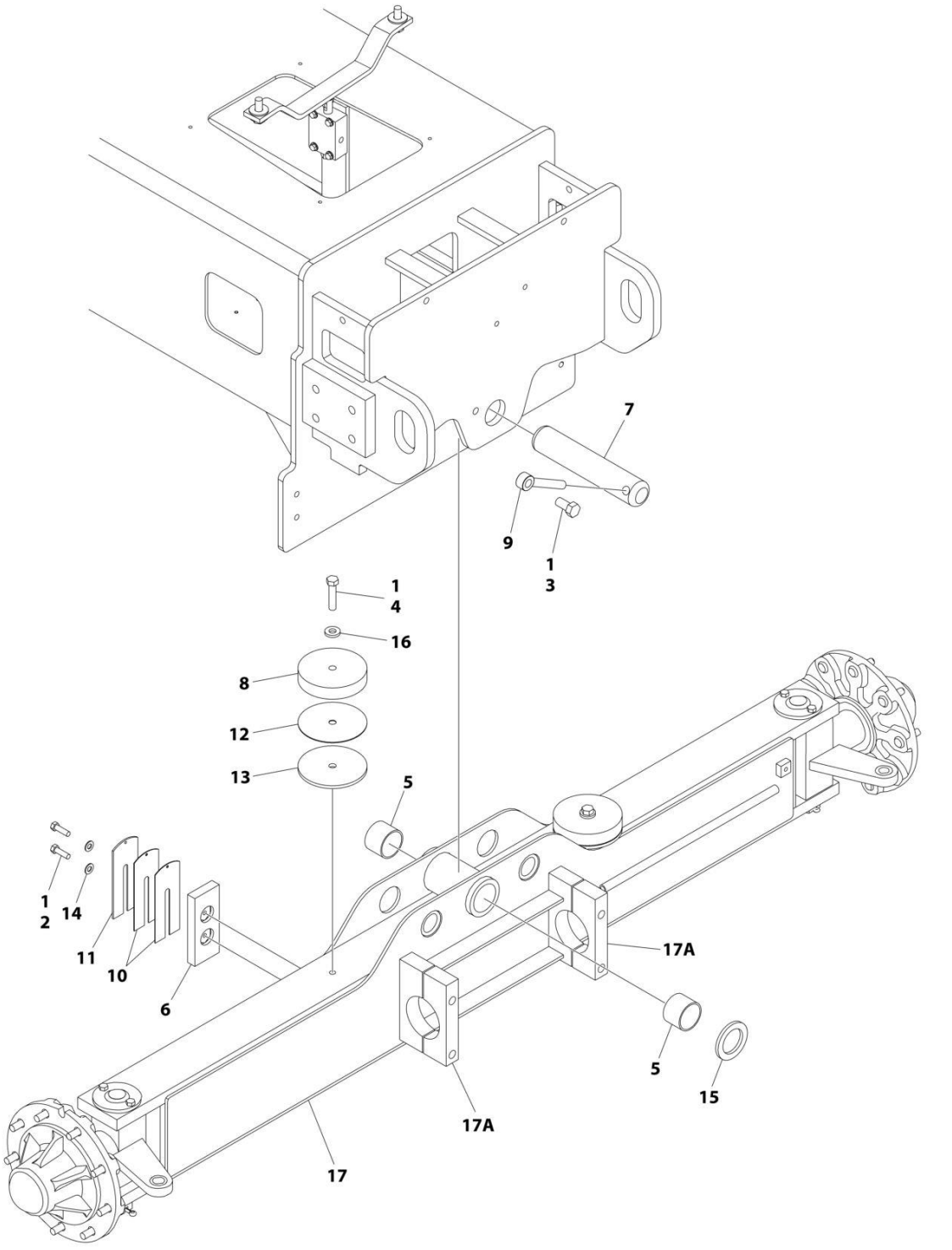
# SECTION 1 - FRAME

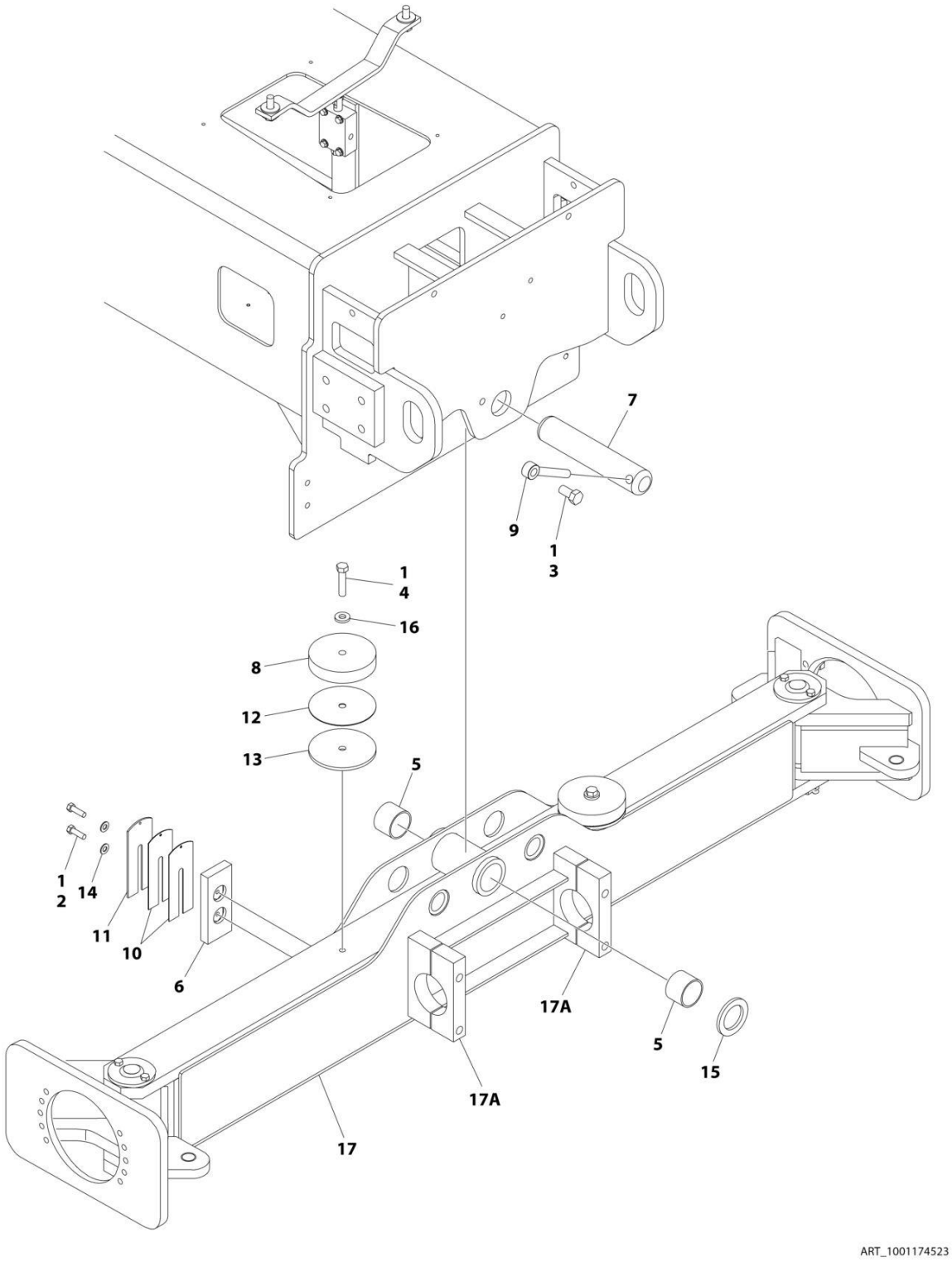
## FIGURE 1-1. AXLE INSTALLATION - FIXED (2WD)



## FIGURE 1-1. AXLE INSTALLATION - FIXED (2WD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174522 | Ref | AXLE INSTALLATION - FIXED (2WD) | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 3 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 4 | 0681818 | 2 | Bolt 1/2 x 2-1/4 Grade 8 | |
| 4 | 0641818 | 2 | Bolt 1/2 x 2-1/4 | |
| 5 | 0961950 | 2 | Bushing | |
| 6 | 3340837 | 2 | Pad, Wear | |
| 7 | 3422592 | 1 | Pin, Axle Pivot | |
| 8 | 3539877 | 2 | Plate, Stop | |
| 9 | 3841258 | 1 | Keeper, Pin | |
| 10 | 4070897 | 2 | Shim #18Ga | |
| 11 | 4070898 | 2 | Shim #11Ga | |
| 12 | 4070944 | 2 | Shim #16Ga | |
| 13 | 4070945 | 2 | Shim 1/4 | |
| 14 | 4711600 | 4 | Washer 3/8 | |
| 15 | 4740158 | 1 | Thrustwasher | |
| 16 | 4891800 | 2 | Washer 1/2 | |
| 17 | 1001174461 | 1 | Axle | |
| 17A | 1001175158 | 2 | Steer Cylinder Mounting Block Assembly | |

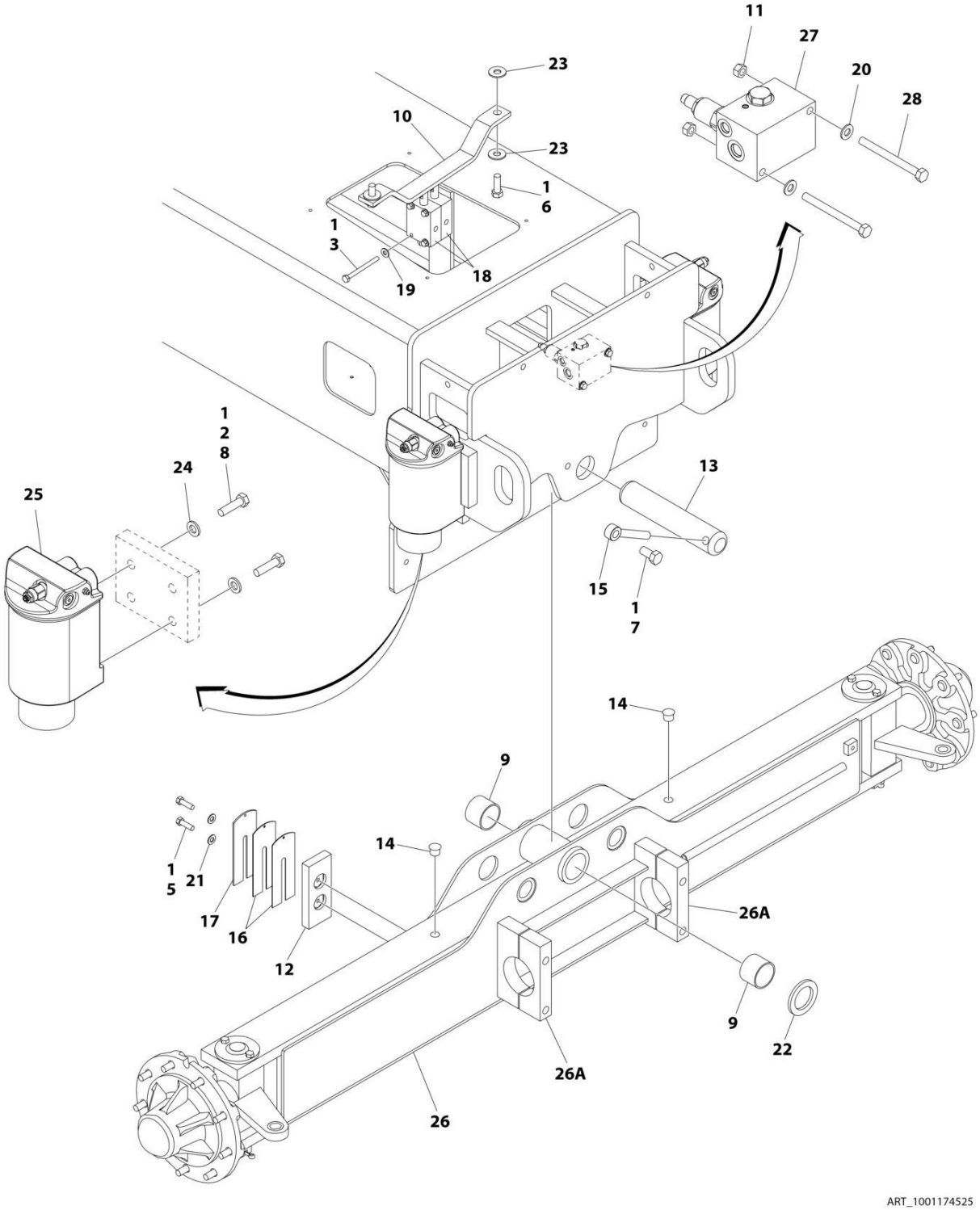
## FIGURE 1-2. AXLE INSTALLATION - FIXED (4WD)



## FIGURE 1-2. AXLE INSTALLATION - FIXED (4WD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174523 | Ref | AXLE INSTALLATION - FIXED (4WD) | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 3 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 4 | 0681818 | 2 | Bolt 1/2 x 2-1/4 Grade 8 | |
| 4 | 0641818 | 2 | Bolt 1/2 x 2-1/4 | |
| 5 | 0961950 | 2 | Bushing | |
| 6 | 3340837 | 2 | Pad, Wear | |
| 7 | 3422592 | 1 | Pin, Axle Pivot | |
| 8 | 3539877 | 2 | Plate, Stop | |
| 9 | 3841258 | 1 | Keeper, Pin | |
| 10 | 4070897 | 2 | Shim #18Ga | |
| 11 | 4070898 | 2 | Shim #11Ga | |
| 12 | 4070944 | 2 | Shim #16Ga | |
| 13 | 4070945 | 2 | Shim 1/4 | |
| 14 | 4711600 | 4 | Washer 3/8 | |
| 15 | 4740158 | 1 | Thrustwasher | |
| 16 | 4891800 | 2 | Washer 1/2 | |
| 17 | 1001174792 | 1 | Axle | |
| 17A | 1001175158 | 2 | Steer Cylinder Mounting Block Assembly | |

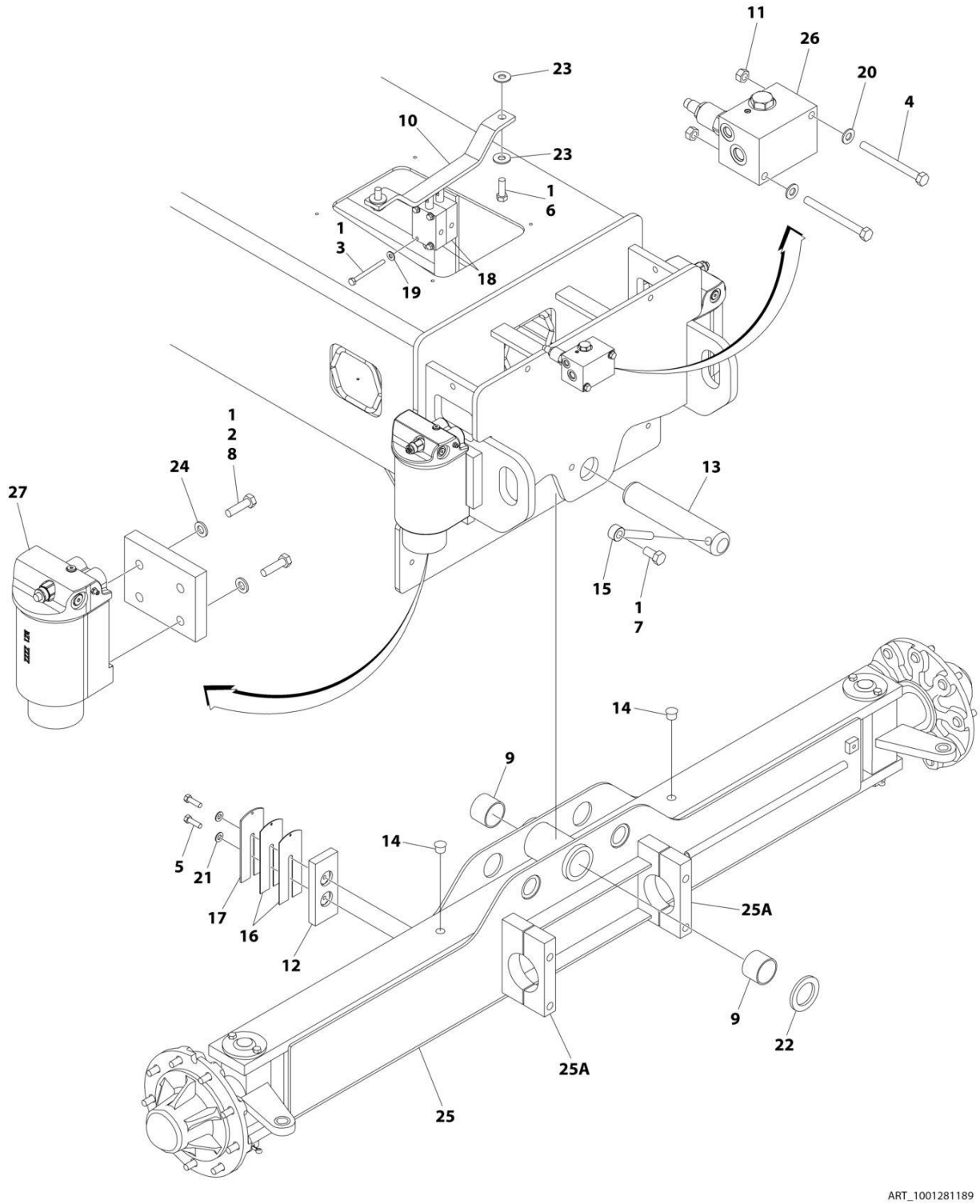
## FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174525 | Ref | AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (CE & UK CA SPECS) | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 5 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 6 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 7 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 8 | 0701217 | 8 | Bolt M12 x 45 | |
| 9 | 0961950 | 2 | Bushing | |
| 10 | 1100124 | 1 | Cam, Lockout | |
| 11 | 3311501 | 2 | Nut 5/16 | |
| 12 | 3340837 | 2 | Pad, Wear | |
| 13 | 3422592 | 1 | Pin, Axle Pivot | |
| 14 | 3520054 | 2 | Plug, Hole | |
| 15 | 3841258 | 1 | Keeper, Pin | |
| 16 | 4070897 | 4 | Shim #18Ga | |
| 17 | 4070898 | 2 | Shim #11Ga | |
| 18 | 4640871 | 2 | Lockout Valve Assembly | |
| 19 | 4711400 | 4 | Washer 1/4 | |
| 20 | 4711500 | 2 | Washer 5/16 | |
| 21 | 4711600 | 4 | Washer 3/8 | |
| 22 | 4740158 | 1 | Thrustwasher | |
| 23 | 4751800 | 4 | Washer 1/2 | |
| 24 | 5241200 | 8 | Washer M12 | |
| 25 | 1001163580 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 26 | 1001174461 | 1 | Axle | |
| 26A | 1001175158 | 2 | Steer Cylinder Mounting Block Assembly | |
| 27 | 1001182136 | 1 | Axle Lockout Valve Assembly (See Separate Breakdown in this Section) | |
| 28 | 0641528 | 2 | Bolt 5/16 x 3-1/2 | |

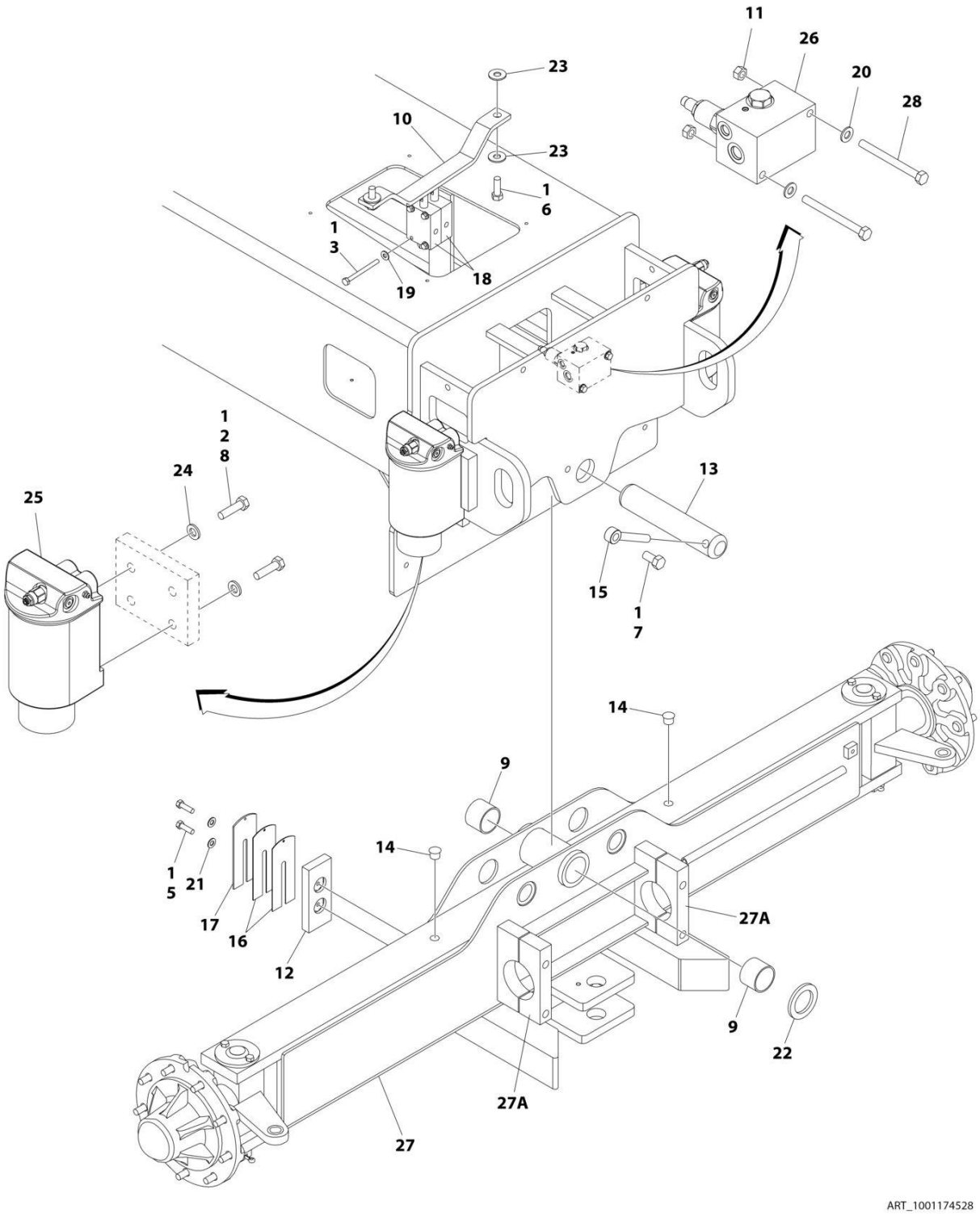
## FIGURE 1-4. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 1-4. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281189 | Ref | AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 4 | 0641528 | 2 | Bolt 5/16 x 3-1/2 | |
| 5 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 6 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 7 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 8 | 0701217 | 8 | Bolt M12 x 45 | |
| 9 | 0961950 | 2 | Bushing | |
| 10 | 1100124 | 1 | Cam, Lockout | |
| 11 | 3311501 | 2 | Nut 5/16 | |
| 12 | 3340837 | 2 | Pad, Wear | |
| 13 | 3422592 | 1 | Pin, Axle Pivot | |
| 14 | 3520054 | 2 | Plug, Hole | |
| 15 | 3841258 | 1 | Keeper, Pin | |
| 16 | 4070897 | 4 | Shim #18Ga | |
| 17 | 4070898 | 2 | Shim #11Ga | |
| 18 | 4640871 | 2 | Lockout Valve Assembly | |
| 19 | 4711400 | 4 | Washer 1/4 | |
| 20 | 4711500 | 2 | Washer 5/16 | |
| 21 | 4711600 | 4 | Washer 3/8 | |
| 22 | 4740158 | 1 | Thrustwasher | |
| 23 | 4751800 | 4 | Washer 1/2 | |
| 24 | 5241200 | 8 | Washer M12 | |
| 25 | 1001174461 | 1 | Axle | |
| 25A | 1001175158 | 2 | Steer Cylinder Mounting Block Assembly | |
| 26 | 1001182136 | 1 | Axle Lockout Valve Assembly (See Separate Breakdown in this Section) | |
| 27 | 1001256179 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |

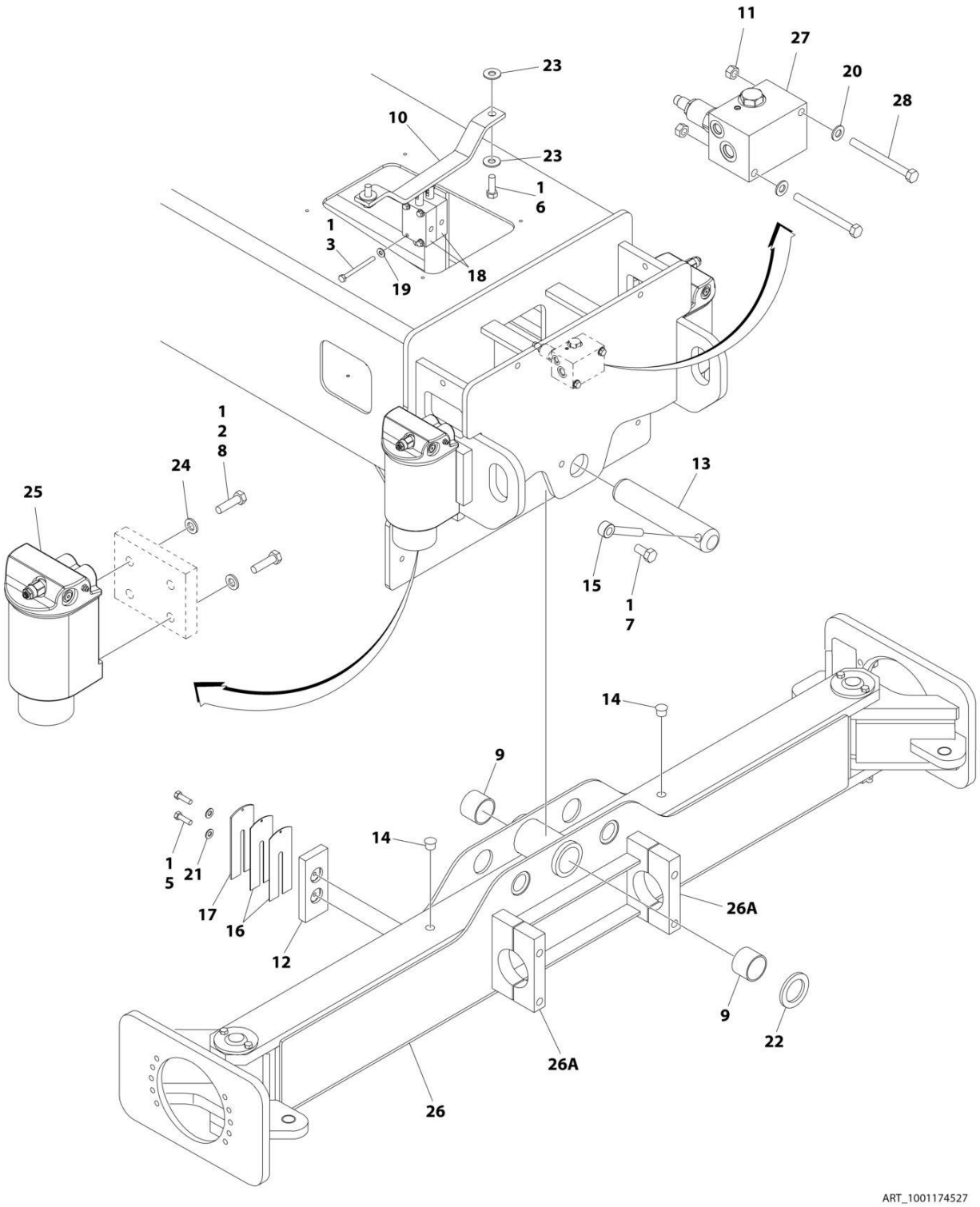
## FIGURE 1-5. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD)



## FIGURE 1-5. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174528 | Ref | AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD) (CE & UK CA SPECS) | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 5 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 6 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 7 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 8 | 0701217 | 8 | Bolt M12 x 45 | |
| 9 | 0961950 | 2 | Bushing | |
| 10 | 1100124 | 1 | Cam, Lockout | |
| 11 | 3311501 | 2 | Nut 5/16 | |
| 12 | 3340837 | 2 | Pad, Wear | |
| 13 | 3422592 | 1 | Pin, Axle Pivot | |
| 14 | 3520054 | 2 | Plug, Hole | |
| 15 | 3841258 | 1 | Keeper, Pin | |
| 16 | 4070897 | 4 | Shim #18Ga | |
| 17 | 4070898 | 2 | Shim #11Ga | |
| 18 | 4640871 | 2 | Lockout Valve Assembly | |
| 19 | 4711400 | 4 | Washer 1/4 | |
| 20 | 4711500 | 2 | Washer 5/16 | |
| 21 | 4711600 | 4 | Washer 3/8 | |
| 22 | 4740158 | 1 | Thrustwasher | |
| 23 | 4751800 | 4 | Washer 1/2 | |
| 24 | 5241200 | 8 | Washer M12 | |
| 25 | 1001163580 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 26 | 1001182136 | 1 | Axle Lockout Valve Assembly (See Separate Breakdown in this Section) | |
| 27 | 1001182707 | 1 | Axle | |
| 27A | 1001175158 | 2 | Steer Cylinder Mounting Block Assembly | |
| 28 | 0641528 | 2 | Bolt 5/16 x 3-1/2 | |

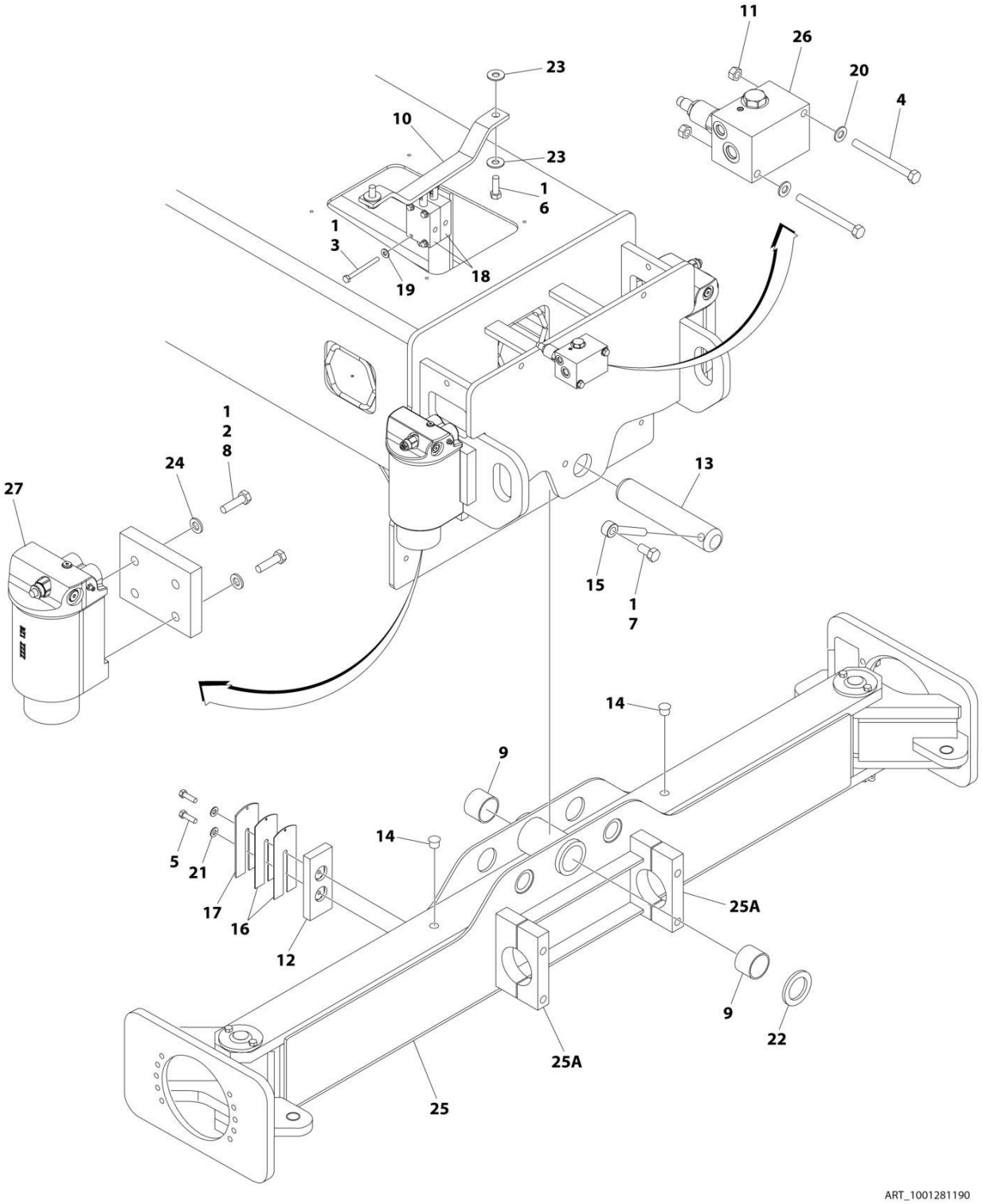
## FIGURE 1-6. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 1-6. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174527 | Ref | AXLE INSTALLATION - OSCILLATING (4WD) (CE & UK CA SPECS) | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 5 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 6 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 7 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 8 | 0701217 | 8 | Bolt M12 x 45 | |
| 9 | 0961950 | 2 | Bushing | |
| 10 | 1100124 | 1 | Cam, Lockout | |
| 11 | 3311501 | 2 | Nut 5/16 | |
| 12 | 3340837 | 2 | Pad, Wear | |
| 13 | 3422592 | 1 | Pin, Axle Pivot | |
| 14 | 3520054 | 2 | Plug, Hole | |
| 15 | 3841258 | 1 | Keeper, Pin | |
| 16 | 4070897 | 4 | Shim #18Ga | |
| 17 | 4070898 | 2 | Shim #11Ga | |
| 18 | 4640871 | 2 | Lockout Valve Assembly | |
| 19 | 4711400 | 4 | Washer 1/4 | |
| 20 | 4711500 | 2 | Washer 5/16 | |
| 21 | 4711600 | 4 | Washer 3/8 | |
| 22 | 4740158 | 1 | Thrustwasher | |
| 23 | 4751800 | 4 | Washer 1/2 | |
| 24 | 5241200 | 8 | Washer M12 | |
| 25 | 1001163580 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 26 | 1001174792 | 1 | Axle | |
| 26A | 1001175158 | 2 | Steer Cylinder Mounting Block Assembly | |
| 27 | 1001182136 | 1 | Axle Lockout Valve Assembly (See Separate Breakdown in this Section) | |
| 28 | 0641528 | 2 | Bolt 5/16 x 3-1/2 | |

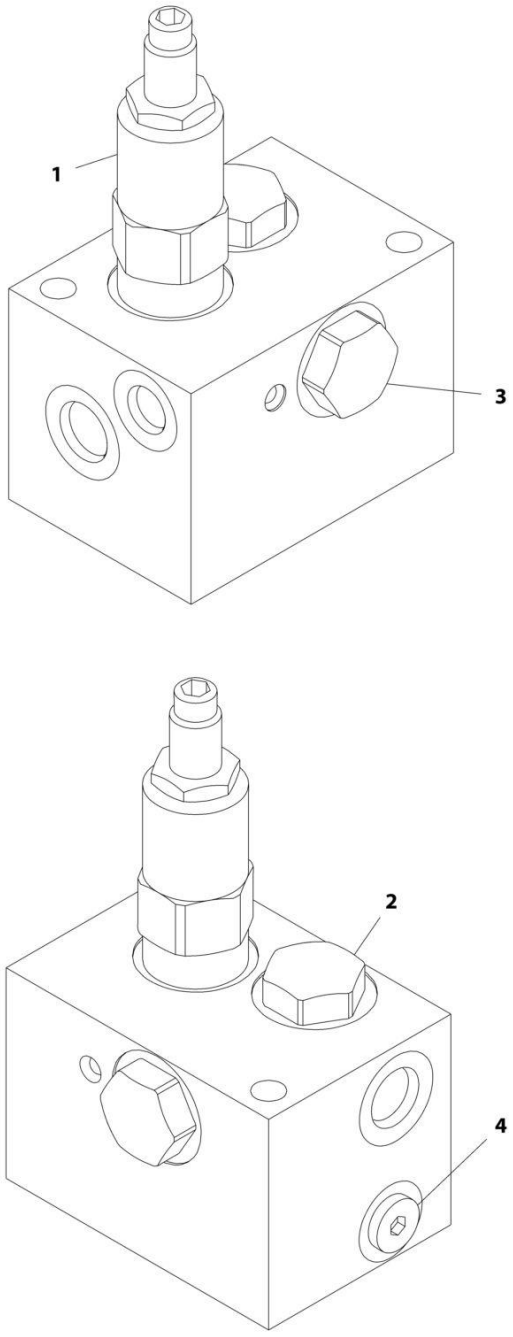
## FIGURE 1-7. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 1-7. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281190 | Ref | AXLE INSTALLATION - OSCILLATING (4WD) | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100038 | AR | Primer, Locking | |
| 3 | 0641424 | 4 | Bolt 1/4 x 3 | |
| 4 | 0641528 | 2 | Bolt 5/16 x 3-1/2 | |
| 5 | 0641610 | 4 | Bolt 3/8 x 1-1/4 | |
| 6 | 0641812 | 2 | Bolt 1/2 x 1-1/2 | |
| 7 | 0642010 | 1 | Bolt 5/8 x 1-1/4 | |
| 8 | 0701217 | 8 | Bolt M12 x 45 | |
| 9 | 0961950 | 2 | Bushing | |
| 10 | 1100124 | 1 | Cam, Lockout | |
| 11 | 3311501 | 2 | Nut 5/16 | |
| 12 | 3340837 | 2 | Pad, Wear | |
| 13 | 3422592 | 1 | Pin, Axle Pivot | |
| 14 | 3520054 | 2 | Plug, Hole | |
| 15 | 3841258 | 1 | Keeper, Pin | |
| 16 | 4070897 | 4 | Shim #18Ga | |
| 17 | 4070898 | 2 | Shim #11Ga | |
| 18 | 4640871 | 2 | Lockout Valve Assembly | |
| 19 | 4711400 | 4 | Washer 1/4 | |
| 20 | 4711500 | 2 | Washer 5/16 | |
| 21 | 4711600 | 4 | Washer 3/8 | |
| 22 | 4740158 | 1 | Thrustwasher | |
| 23 | 4751800 | 4 | Washer 1/2 | |
| 24 | 5241200 | 8 | Washer M12 | |
| 25 | 1001174792 | 1 | Axle | |
| 25A | 1001175158 | 2 | Steer Cylinder Mounting Block Assembly | |
| 26 | 1001182136 | 1 | Axle Lockout Valve Assembly (See Separate Breakdown in this Section) | |
| 27 | 1001256179 | 2 | Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |

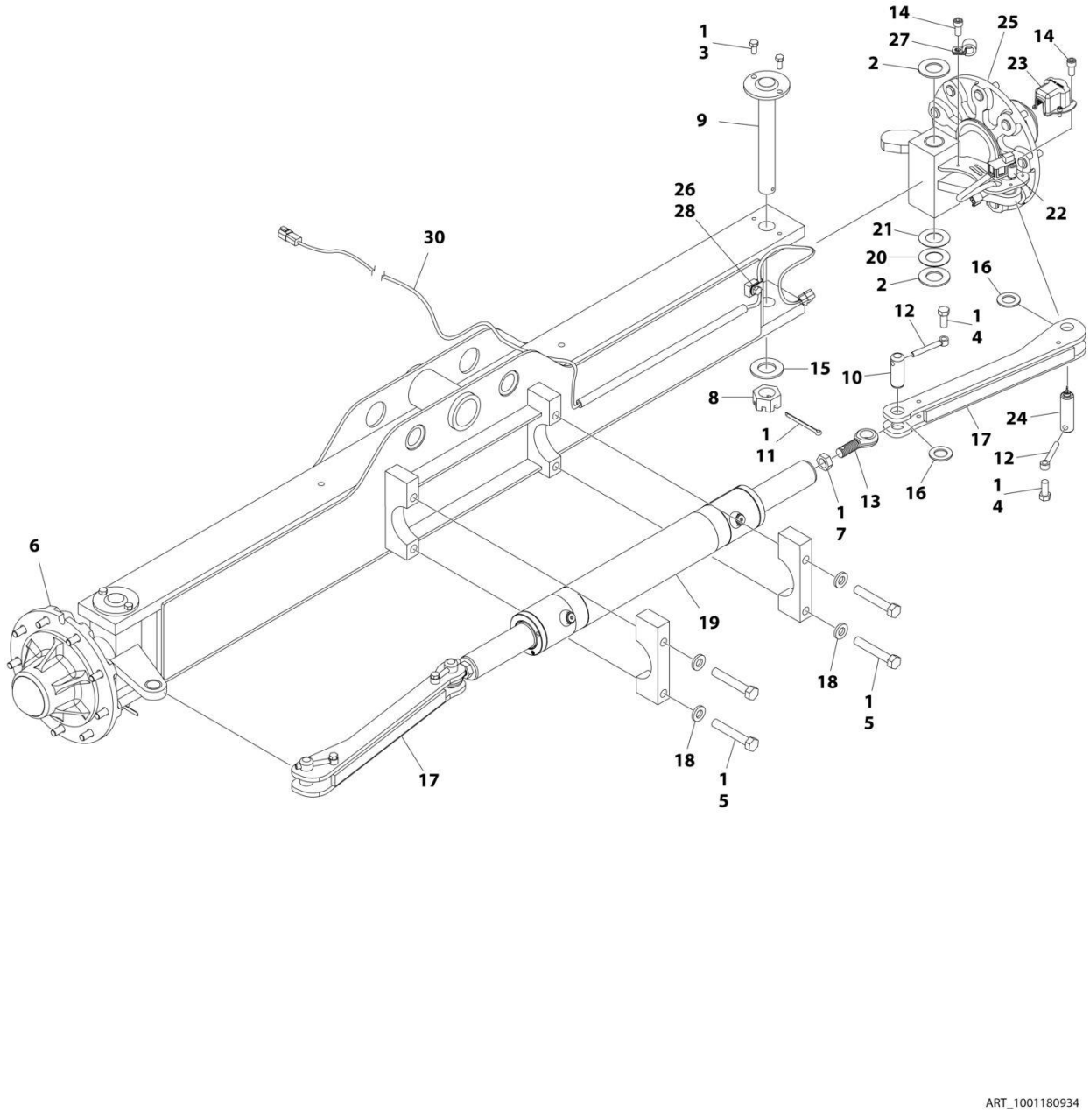
## FIGURE 1-8. AXLE LOCKOUT VALVE ASSEMBLY



## FIGURE 1-8. AXLE LOCKOUT VALVE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182136 | Ref | AXLE LOCKOUT VALVE ASSEMBLY | C |
| 1 | 70004388 | 1 | Cartridge | |
| 1 | 7021653 | 1 | Seal Kit - 70004388 Cartridge | |
| 2 | 7012955 | 1 | Cartridge | |
| 2 | 7012967 | 1 | Seal Kit - 7012955 Cartridge | |
| 3 | 7023976 | 1 | Cartridge | |
| 3 | 7012967 | 1 | Seal Kit - 7023976 Cartridge | |
| 4 | 2220883 | 1 | Plug | |

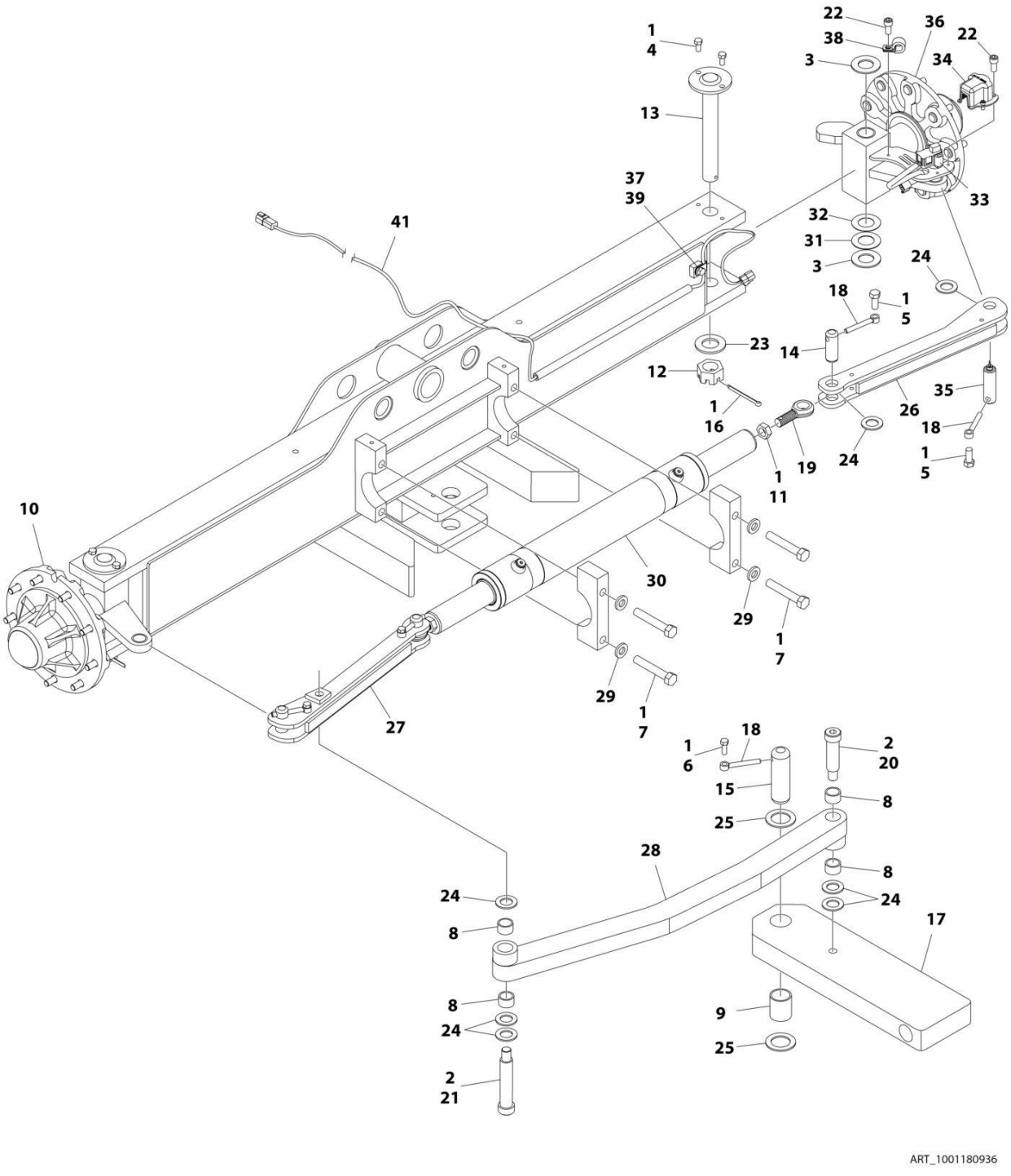
## FIGURE 1-9. STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)



## FIGURE 1-9. STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180934 | Ref | STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS) | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0440162 | 4 | Thrustwasher | |
| 3 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 4 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 5 | 0642030 | 4 | Bolt 5/8 x 3-3/4 | |
| 6 | 2780245 | 1 | Hub/Spindle Assembly (RH) (See Separate Breakdown in this Section) | |
| 7 | 3322202 | 2 | Nut 3/4 | |
| 8 | 3323003 | 2 | Nut 1-1/4 | |
| 9 | 3422692 | 2 | Kingpin | |
| 10 | 3422817 | 3 | Pin | |
| 11 | 3450812 | 2 | Pin, Cotter 1/4 x 3 | |
| 12 | 3841143 | 4 | Keeper, Pin | |
| 13 | 3841443 | 2 | Rod-End | |
| 14 | 3931408 | 4 | Capscrew 1/4 x 1/2 | |
| 15 | 4713000 | 2 | Washer 1-1/4 | |
| 16 | 4740111 | 4 | Thrustwasher | |
| 17 | 4846076 | 2 | Tie-Rod | |
| 18 | 4892000 | 4 | Washer 5/8 | |
| 19 | 1001140281 | 1 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 20 | 1001151395 | AR | Shim .048 | |
| 21 | 1001151428 | AR | Shim .036 | |
| 22 | 1001161117 | 1 | Switch, Rotary Angle Sensor | |
| 23 | 1001169423 | 1 | Cover | |
| 24 | 1001180908 | 1 | Pin | |
| 25 | 1001180912 | 1 | Hub/Spindle Assembly (LH) (See Separate Breakdown in this Section) | |
| 26 | 0641604 | 1 | Bolt 3/8 x 1/2 | |
| 27 | 1320043 | 1 | Clamp | |
| 28 | 1320263 | 1 | Clamp | |
| 29 | 4240032 | 2 | Tie-Strap (Not Shown) | |
| 30 | 1001195835 | 1 | Steer Harness (See Separate Breakdown in ELECTRICAL Section) | |

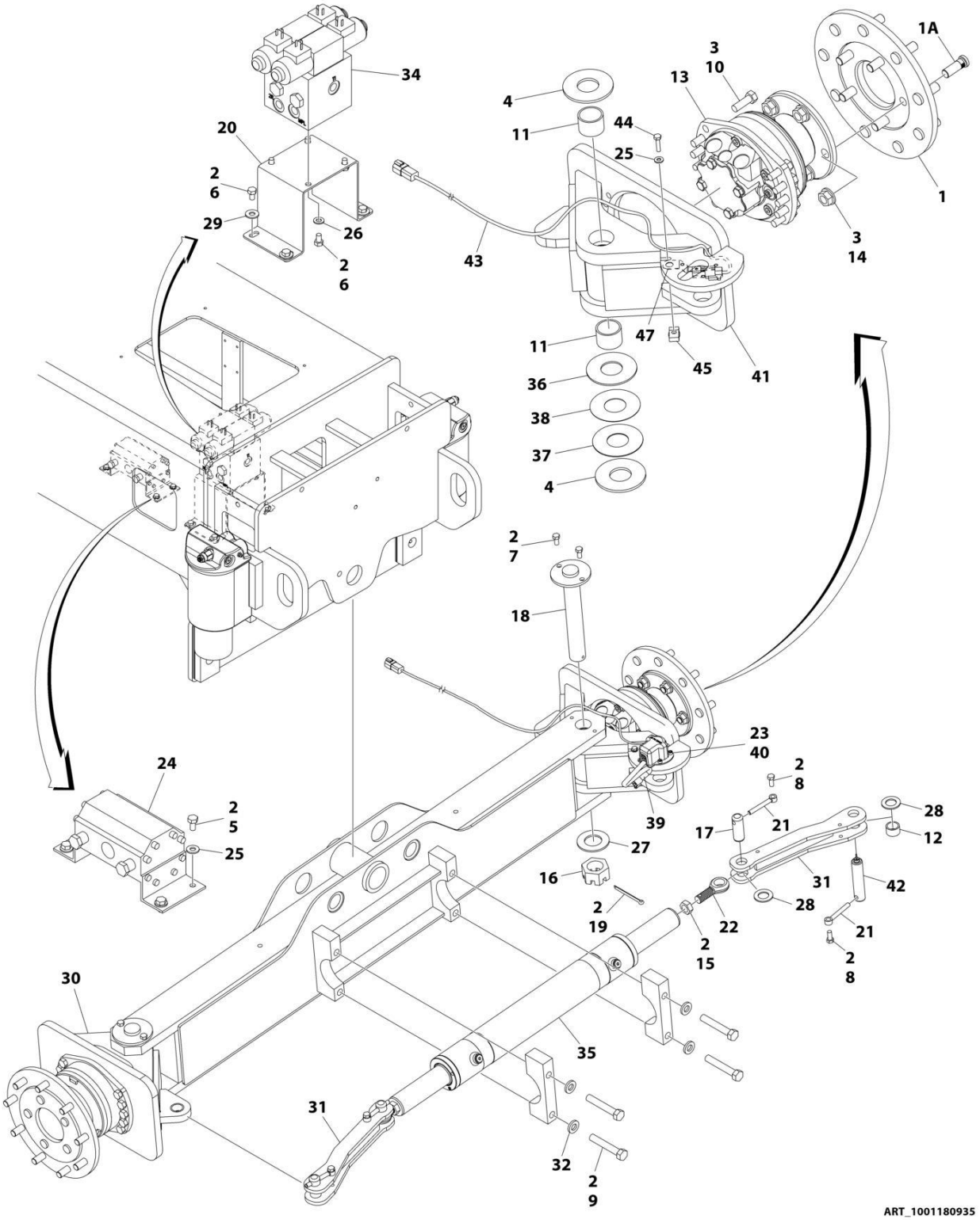
## FIGURE 1-10. STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)



## FIGURE 1-10. STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180936 | Ref | STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS) | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0440162 | 4 | Thrustwasher | |
| 4 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 5 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 6 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 7 | 0642030 | 4 | Bolt 5/8 x 3-3/4 | |
| 8 | 0962292 | 4 | Bearing | |
| 9 | 0962348 | 1 | Bearing | |
| 10 | 2780245 | 1 | Hub/Spindle Assembly (RH) (See Separate Breakdown in this Section) | |
| 11 | 3322202 | 2 | Nut 3/4 | |
| 12 | 3323003 | 2 | Nut 1-1/4 | |
| 13 | 3422692 | 2 | Kingpin | |
| 14 | 3422817 | 3 | Pin | |
| 15 | 3422848 | 1 | Pin, Hitch | |
| 16 | 3450812 | 2 | Pin, Cotter 1/4 x 3 | |
| 17 | 3572490 | 1 | Plate, Tow Bar Pivot | |
| 18 | 3841143 | 5 | Keeper, Pin | |
| 19 | 3841443 | 2 | Rod-End | |
| 20 | 3900295 | 1 | Bolt 1 x 3 | |
| 21 | 3900296 | 1 | Bolt 1 x 4-1/2 | |
| 22 | 3931408 | 4 | Capscrew 1/4 x 1/2 | |
| 23 | 4713000 | 2 | Washer 1-1/4 | |
| 24 | 4740111 | 9 | Thrustwasher | |
| 25 | 4740155 | 2 | Thrustwasher | |
| 26 | 4846076 | 1 | Tie-Rod (Left Side) | |
| 27 | 4846292 | 1 | Tie-Rod (Right Side) | |
| 28 | 4846294 | 1 | Link, Tow Bar | |
| 29 | 4892000 | 4 | Washer 5/8 | |
| 30 | 1001140281 | 1 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 31 | 1001151395 | AR | Shim .048 | |
| 32 | 1001151428 | AR | Shim .036 | |
| 33 | 1001161117 | 1 | Switch, Rotary Angle Sensor | |
| 34 | 1001169423 | 1 | Cover | |
| 35 | 1001180908 | 1 | Pin | |
| 36 | 1001180912 | 1 | Hub/Spindle Assembly (LH) (See Separate Breakdown in this Section) | |
| 37 | 0641604 | 1 | Bolt 3/8 x 1/2 | |
| 38 | 1320043 | 1 | Clamp | |
| 39 | 1320263 | 1 | Clamp | |
| 40 | 4240032 | 2 | Tie-Strap (Not Shown) | |
| 41 | 1001195835 | 1 | Steer Harness (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 1-11. STEER INSTALLATION - (4WD/2WS) (EC600SJ/H600SJ)



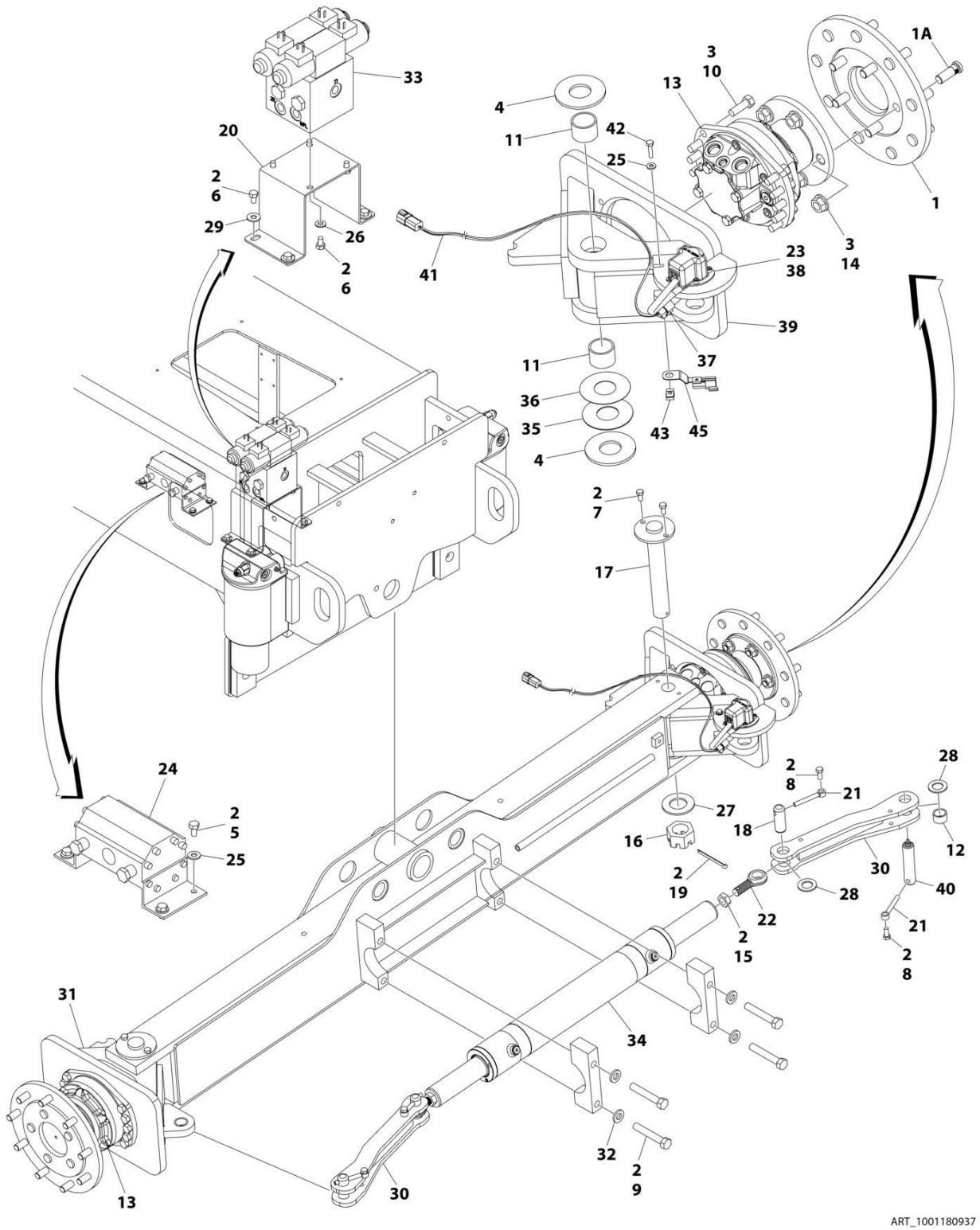
## FIGURE 1-11. STEER INSTALLATION - (4WD/2WS) (EC600SJ/H600SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180935 | Ref | STEER INSTALLATION - (4WD/2WS) | E |
| 1 | 0080233 | 2 | Drive Adapter Assembly | |
| 1A | 4300145 | 28 | Stud, Wheel (14 Per Assembly) | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100019 | AR | Compound, Locking | |
| 4 | 0440161 | 4 | Thrustwasher | |
| 5 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 6 | 0641504 | 8 | Bolt 5/16 x 1/2 | |
| 7 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 8 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 9 | 0642030 | 4 | Bolt 5/8 x 3-3/4 | |
| 10 | 0681812 | 20 | Bolt 1/2 x 3-1/4 Grade 8 | |
| 11 | 0961948 | 4 | Bushing | |
| 12 | 0962292 | 2 | Bearing | |
| 13 | 1001228232 | 2 | Drive Motor Assembly (Front) (See Separate Breakdown in this Section) | |
| 14 | 3300426 | 10 | Nut 5/8 | |
| 15 | 3322202 | 2 | Nut 3/4 | |
| 16 | 3323403 | 2 | Nut 1-1/2 | |
| 17 | 3422817 | 3 | Pin | |
| 18 | 3422819 | 2 | Kingpin | |
| 19 | 3450812 | 2 | Pin, Cotter 1/4 x 3 | |
| 20 | 3572328 | 1 | Plate, Mounting | |
| 21 | 3841143 | 4 | Keeper, Pin | |
| 22 | 3841443 | 2 | Rod-End | |
| 23 | 3931408 | 3 | Capscrew 1/4 x 1/2 | |
| 24 | 4641148 | 1 | Flow Divider Assembly | |
| 24 | See Note | NSS | Seal Kit - 4641148 Valve (Note: Not Available for Purchase) | |
| 25 | 4711400 | 5 | Washer 1/4 | |
| 26 | 4711500 | 4 | Washer 5/16 | |
| 27 | 4713400 | 2 | Washer 1-1/2 | |
| 28 | 4740111 | 4 | Thrustwasher | |
| 29 | 4751500 | 4 | Washer 5/16 | |
| 30 | 4846135 | 1 | Spindle | |
| 31 | 4846141 | 2 | Tie-Rod | |
| 32 | 4892000 | 4 | Washer 5/8 | |
| 34 | 1001092586 | 1 | Valve Assembly - Drive (See separate Breakdown in this Section) | |
| 35 | 1001140281 | 1 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 36 | 1001156428 | AR | Shim .120 | |
| 37 | 1001156429 | AR | Shim .060 | |
| 38 | 1001156430 | AR | Shim .030 | |
| 39 | 1001161117 | 1 | Switch, Rotary Angle Sensor | |
| 40 | 1001169423 | 1 | Cover | |
| 41 | 1001180902 | 1 | Spindle | |
| 42 | 1001180904 | 1 | Pin, Steer Sensor | |
| 43 | 1001195835 | 1 | Steer Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 44 | 0641409 | 1 | Bolt 1/4 x 1-1/8 | |
| 45 | 3300454 | 1 | Nut 1/4 | |

# SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 47 | 1001141581 | 1 | Mount | |

## FIGURE 1-12. STEER INSTALLATION - (4WD/2WS) (EC600SJP/H600SJP)



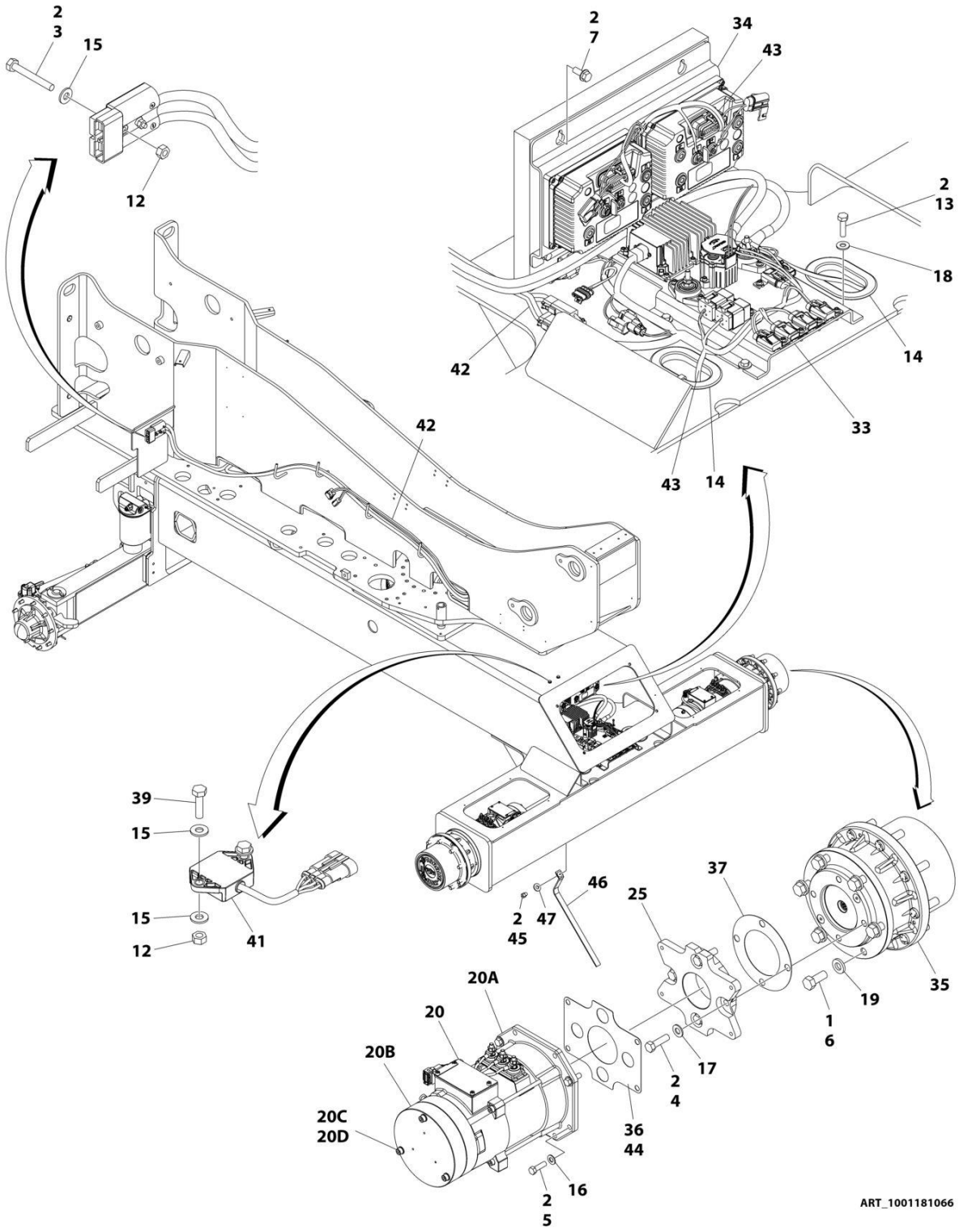
## FIGURE 1-12. STEER INSTALLATION - (4WD/2WS) (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180937 | Ref | STEER INSTALLATION - (4WD/2WS) (E600JP/M600JP) | G |
| 1 | 0080233 | 2 | Drive Adapter Assembly | |
| 1A | 4300145 | 28 | Stud, Wheel (14 Per Assembly) | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0100019 | AR | Compound, Locking | |
| 4 | 0440161 | 4 | Thrustwasher | |
| 5 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 6 | 0641504 | 8 | Bolt 5/16 x 1/2 | |
| 7 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 8 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 9 | 0642030 | 4 | Bolt 5/8 x 3-3/4 | |
| 10 | 0681812 | 20 | Bolt 1/2 x 3-1/4 Grade 8 | |
| 11 | 0961948 | 4 | Bushing | |
| 12 | 0962292 | 2 | Bearing | |
| 13 | 1001228232 | 2 | Drive Motor Assembly (See Separate Breakdown in this Section) | |
| 14 | 3300426 | 10 | Nut 5/8 | |
| 15 | 3322202 | 2 | Nut 3/4 | |
| 16 | 3323403 | 2 | Nut 1-1/4 | |
| 17 | 3422819 | 2 | Kingpin | |
| 18 | 3422817 | 3 | Pin | |
| 19 | 3450812 | 2 | Pin, Cotter 1/4 x 3 | |
| 20 | 3572328 | 1 | Plate, Mounting | |
| 21 | 3841143 | 4 | Keeper, Pin | |
| 22 | 3841443 | 2 | Rod-End | |
| 23 | 3931408 | 3 | Capscrew 1/4 x 1/2 | |
| 24 | 4641148 | 1 | Flow Divider Assembly | |
| 24 | See Note | NSS | Seal Kit - 4641148 Valve (Note: Not Available for Purchase) | |
| 25 | 4711400 | 5 | Washer 1/4 | |
| 26 | 4711500 | 4 | Washer 5/16 | |
| 27 | 4713000 | 2 | Washer 1-1/4 | |
| 27 | 4713400 | 2 | Washer 1-1/2 | |
| 28 | 4740111 | 4 | Thrustwasher | |
| 29 | 4751500 | 4 | Washer 5/16 | |
| 30 | 4846141 | 2 | Tie-Rod | |
| 31 | 4846350 | 1 | Spindle (Right Side) | |
| 32 | 4892000 | 4 | Washer 5/8 | |
| 33 | 1001092586 | 1 | Valve Assembly - Drive (See Separate Breakdown in this Section) | |
| 34 | 1001140281 | 1 | Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 35 | 1001156429 | AR | Shim .060 | |
| 36 | 1001156430 | AR | Shim .030 | |
| 37 | 1001161117 | 1 | Switch, Rotary Angle Sensor | |
| 38 | 1001169423 | 1 | Cover | |
| 39 | 1001183584 | 1 | Spindle (Left Side) | |
| 40 | 1001180904 | 1 | Pin, Steer Sensor | |
| 41 | 1001195835 | 1 | Steer Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 0641409 | 1 | Bolt 1/4 x 1-1/8 | |
| 43 | 3300454 | 1 | Nut 1/4 | |
| 44 | 4240033 | AR | Tie-Strap (Not Shown) | |

# SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 45 | 1001141581 | 1 | Mount | |

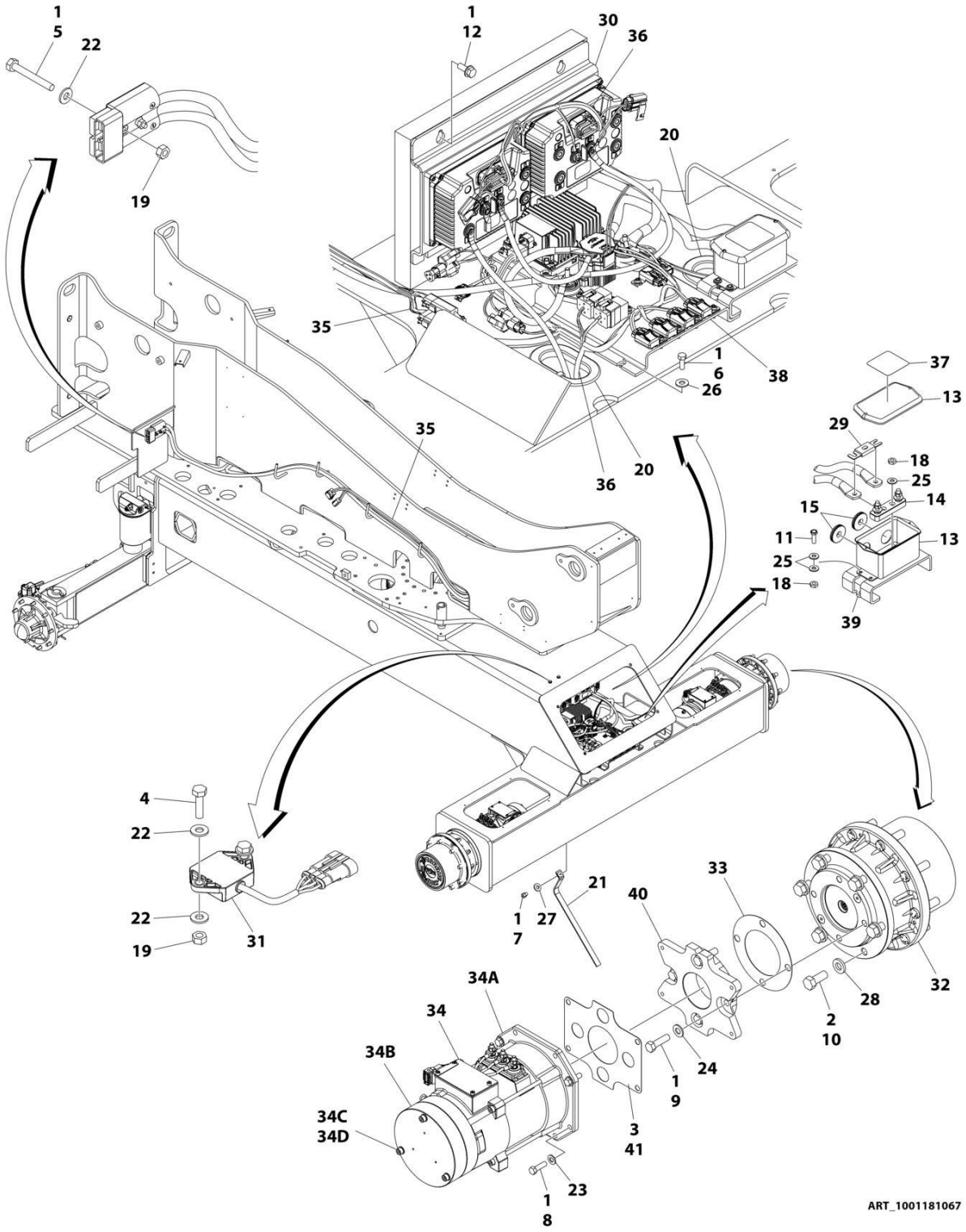
## FIGURE 1-13. WHEEL DRIVE INSTALLATION (NON UL SPECS)



## FIGURE 1-13. WHEEL DRIVE INSTALLATION (NON UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001181066 | Ref | WHEEL DRIVE INSTALLATION | K |
| 1 | 0100019 | AR | Compound, Locking | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0641416 | 4 | Bolt 1/4 x 2 | |
| 4 | 0641814 | 8 | Bolt 1/2 x 1-3/4 | |
| 5 | 0641610 | 8 | Bolt 3/8 x 1-1/4 | |
| 6 | 0682012 | 12 | Bolt 5/8 x 1-1/2 Grade 8 | |
| 7 | 0791506 | 4 | Screw 5/16 x 3/4 | |
| 12 | 3311401 | 6 | Nut 1/4 | |
| 13 | 0641506 | 4 | Bolt 5/16 x 3/4 | |
| 14 | 4060808 | 20.5 in /52cm | Flex-Trim | |
| 15 | 4711400 | 8 | Washer 1/4 | |
| 16 | 4751600 | 8 | Washer 3/8 | |
| 17 | 4711800 | 8 | Washer 1/2 | |
| 18 | 4751500 | 4 | Washer 5/16 | |
| 19 | 4892000 | 12 | Washer 5/8 | |
| 20 | 1001184855 | 2 | Drive Motor/Brake Assembly | |
| 20A | 1001184206 | 2 | Drive Motor Assembly (See Separate Breakdown in this Section) | |
| 20B | 1001184853 | 2 | Drive Brake Assembly | |
| 20C | 4031920 | 3 | Capscrew M8 x 80 | |
| 20D | 4811900 | 3 | Washer M8 | |
| 25 | 1001219722 | 2 | Plate, Motor Adapter | |
| 33 | 1001180654 | 1 | AC Drive Electrical Plate Assembly (See Separate Breakdown in this Section) | |
| 34 | 1001180780 | 1 | Drive Module Plate Assembly (See Separate Breakdown in this Section) | |
| 35 | 1001182494 | 2 | Drive Hub Assembly (See Separate Breakdown in this Section) | |
| 36 | 1001220271 | 2 | Seal, Motor | |
| 37 | 1001182960 | 2 | Seal, Hub | |
| 39 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 41 | 1001219601 | 1 | Sensor, Tilt Dual Axis | |
| 42 | 1001195836 | 1 | Traction to Turntable Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 43 | 1001195867 | 1 | Traction Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 44 | 0100020 | AR | Sealant, Pipe | |
| 45 | 0641604 | 1 | Bolt 3/8 x 1/2 | |
| 46 | 4240084 | 1 | Strap, Anti-Static | |
| 47 | 4751600 | 1 | Washer 3/8 | |
| 100 | 1001196485 | 1 | Drive Cable Kit (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |

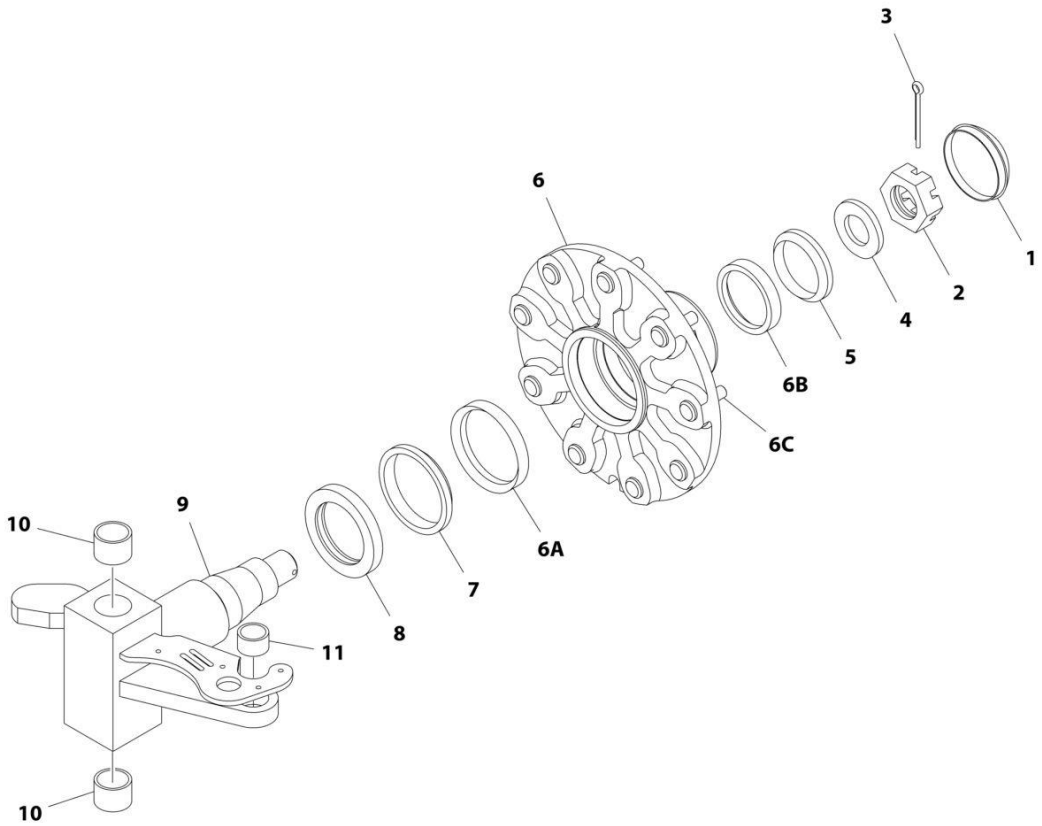
## FIGURE 1-14. WHEEL DRIVE INSTALLATION (UL SPECS)



## FIGURE 1-14. WHEEL DRIVE INSTALLATION (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001181067 | Ref | WHEEL DRIVE INSTALLATION | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0100020 | AR | Sealant, Pipe | |
| 4 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 5 | 0641416 | 4 | Bolt 1/4 x 2 | |
| 6 | 0641507 | 4 | Bolt 5/16 x 7/8 | |
| 7 | 0641604 | 1 | Bolt 3/8 x 1/2 | |
| 8 | 0641610 | 8 | Bolt 3/8 x 1-1/4 | |
| 9 | 0641814 | 8 | Bolt 1/2 x 1-3/4 | |
| 10 | 0682012 | 12 | Bolt 5/8 x 1-1/2 Grade 8 | |
| 11 | 0721005 | 4 | Screw #10 x 5/8 | |
| 12 | 0791506 | 4 | Screw 5/16 x 3/4 | |
| 13 | 0861375 | 1 | Box | |
| 14 | 2400044 | 1 | Fuse, Mounting Block | |
| 15 | 2540037 | 2 | Grommet | |
| 18 | 3311001 | 6 | Nut #10 | |
| 19 | 3311401 | 6 | Nut 1/4 | |
| 20 | 4060808 | 20.5 in/ 52cm | Flex-Trim | |
| 21 | 4240084 | 1 | Strap, Anti-Static | |
| 22 | 4711400 | 8 | Washer 1/4 | |
| 23 | 4751600 | 8 | Washer 3/8 | |
| 24 | 4711800 | 8 | Washer 1/2 | |
| 25 | 4751000 | 10 | Washer #10 | |
| 26 | 4751500 | 4 | Washer 5/16 | |
| 27 | 4751600 | 1 | Washer 3/8 | |
| 28 | 4892000 | 12 | Washer 5/8 | |
| 29 | 1001170365 | 1 | Fuse, 400 Amp | |
| 30 | 1001180780 | 1 | Drive Module Plate Assembly (See Separate Breakdown in this Section) | |
| 31 | 1001219601 | 1 | Sensor, Tilt Dual Axis | |
| 32 | 1001182494 | 2 | Drive Hub Assembly (See Separate Breakdown in this Section) | |
| 33 | 1001182960 | 2 | Seal, Hub | |
| 34 | 1001184855 | 2 | Drive Motor/Brake Assembly | |
| 34A | 1001184206 | 2 | Drive Motor Assembly (See Separate Breakdown in this Section) | |
| 34B | 1001184853 | 2 | Drive Brake Assembly | |
| 34C | 4031920 | 3 | Capscrew M8 x 80 | |
| 34D | 4811900 | 3 | Washer M8 | |
| 35 | 1001195836 | 1 | Traction to Turntable Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 36 | 1001195867 | 1 | Traction Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 37 | 1001213626 | 1 | Decal - Fuse, 400 Amp | |
| 38 | 1001214669 | 1 | AC Drive Electrical Plate Assembly (See Separate Breakdown in this Section) | |
| 39 | 1001214804 | 1 | Bracket | |
| 40 | 1001219722 | 2 | Plate, Motor Adapter | |
| 41 | 1001220271 | 2 | Seal, Motor | |
| 100 | 1001214800 | 1 | Drive Cable Kit (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |

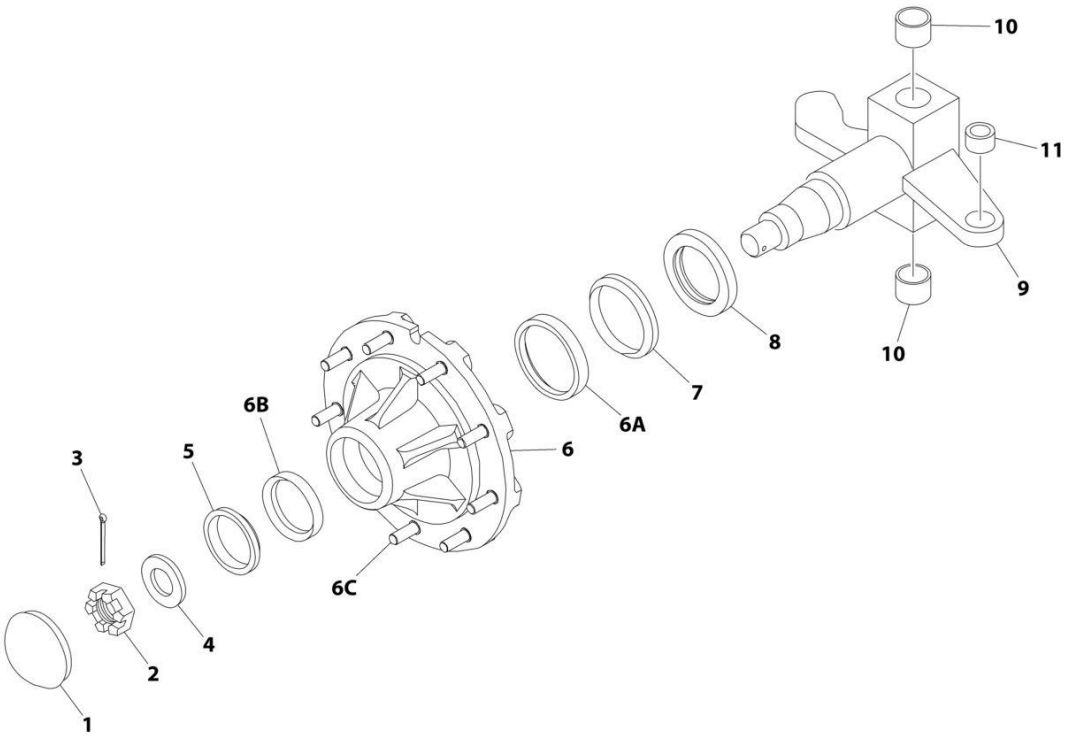
## FIGURE 1-15. NON-DRIVE HUB ASSEMBLY - LH (2WD FRONT)



## FIGURE 1-15. NON-DRIVE HUB ASSEMBLY - LH (2WD FRONT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180912 | Ref | HUB ASSEMBLY - LH | B |
| 1 | 7020137 | 1 | Cap, Dust | |
| 2 | 7020054 | 1 | Nut, Castle | |
| 3 | 3450406 | 1 | Pin, Cotter | |
| 4 | 7020055 | 1 | Washer, Spindle | |
| 5 | 7020039 | 1 | Cone, Bearing - Outer | |
| 6 | 70002434 | 1 | Hub | |
| 6A | 7020036 | 2 | Cup, Bearing - Inner | |
| 6B | 7020038 | 2 | Cup, Bearing - Outer | |
| 6C | 7020041 | 9 | Stud, Wheel | |
| 7 | 7020037 | 1 | Cone, Bearing - Inner | |
| 8 | 7020040 | 1 | Seal | |
| 9 | 70005649 | 1 | Spindle Assembly | |
| 10 | 0961951 | 2 | Bushing | |
| 11 | 0962292 | 1 | Bearing | |

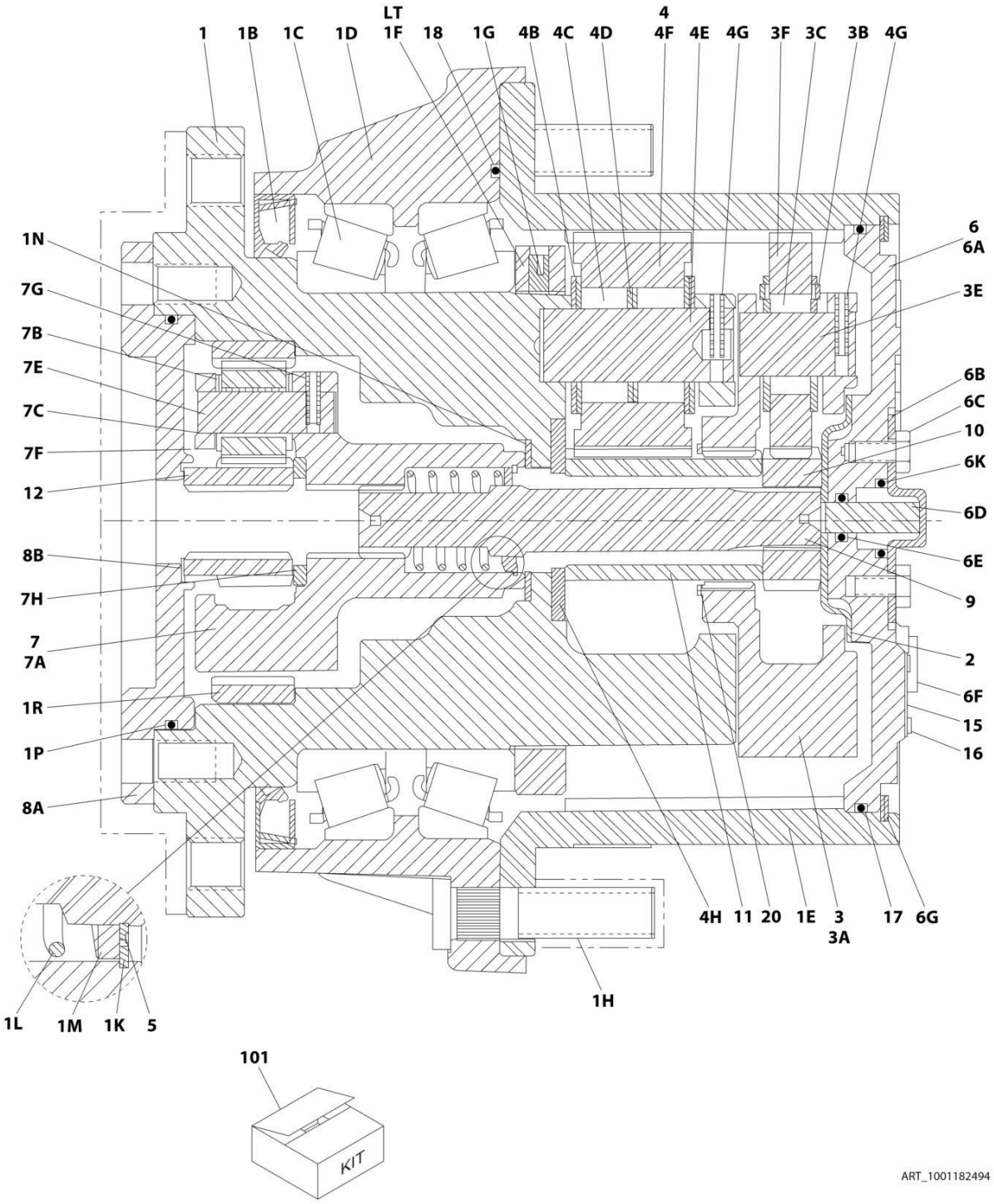
## FIGURE 1-16. NON-DRIVE HUB ASSEMBLY - RH (2WD FRONT)



## FIGURE 1-16. NON-DRIVE HUB ASSEMBLY - RH (2WD FRONT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2780245 | Ref | HUB ASSEMBLY - RH | C |
| 1 | 7020137 | 1 | Cap, Dust | |
| 2 | 7020054 | 1 | Nut, Castle | |
| 3 | 7020140 | 1 | Pin, Cotter | |
| 4 | 7020055 | 1 | Washer, Spindle | |
| 5 | 7020039 | 1 | Cone, Bearing - Outer | |
| 6 | 7020035 | 1 | Hub | |
| 6A | 7020036 | 1 | Cup, Bearing - Inner | |
| 6B | 7020038 | 1 | Cup, Bearing - Outer | |
| 6C | 7020041 | 9 | Stud, Wheel | |
| 7 | 7020037 | 1 | Cone, Bearing - Inner | |
| 8 | 7020040 | 1 | Seal | |
| 9 | 7020251 | 1 | Spindle Assembly | |
| 10 | 0961951 | 2 | Bushing | |
| 11 | 0962292 | 1 | Bearing | |

## FIGURE 1-17. DRIVE HUB ASSEMBLY (REAR)



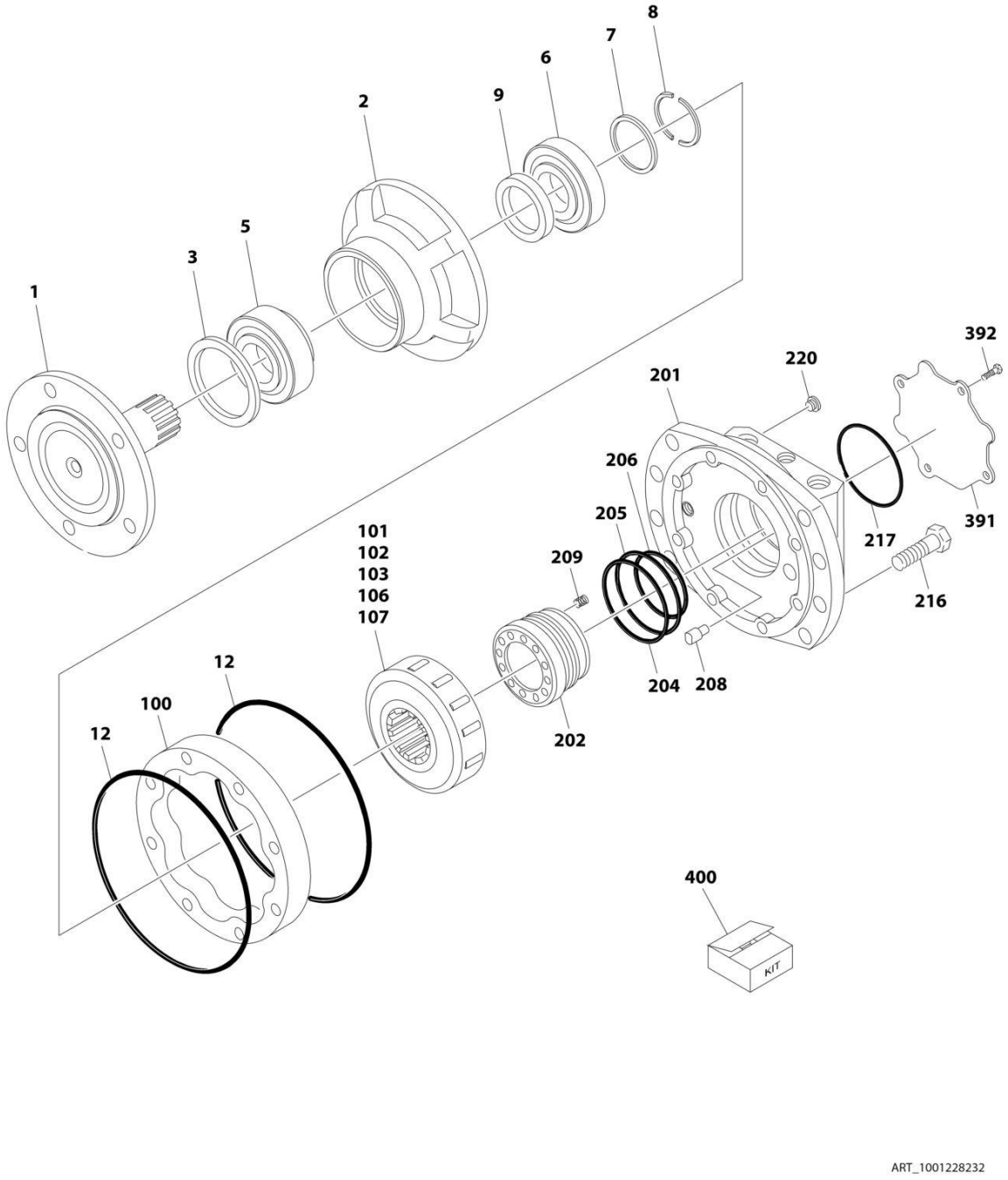
## FIGURE 1-17. DRIVE HUB ASSEMBLY (REAR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182494 | Ref | DRIVE HUB ASSEMBLY (REAR) | E |
| 1 | 70005610 | 1 | Spindle, Sub Assembly | |
| 1B | 70001119 | 1 | Seal, Lip | |
| 1C | 7024735 | 2 | Bearing, Tapered | |
| 1D | See Note | NSS | Housing (Note: Not Available for Purchase) | |
| 1E | 7024730 | 1 | Gear, Ring | |
| 1F | 70003000 | 1 | Nut, Bearing | |
| 1G | 70002996 | 2 | Screw | |
| 1H | 7007640 | 9 | Stud | |
| 1K | 70005613 | 1 | Ring, Retaining (Internal) | |
| 1L | 7024124 | 1 | Spring | |
| 1M | 7024129 | 1 | Thrustwasher | |
| 1N | 7001922 | 1 | Thrustwasher | |
| 1P | 70005614 | 1 | O-Ring | |
| 1R | See Note | NSS | Gear, Ring Blank (Note: Not Available for Purchase) | |
| 2 | 7024741 | 1 | Spacer, Thrust | |
| 3 | 70005604 | 1 | Carrier, Sub Assembly | |
| 3A | See Note | NSS | Carrier (Note: Not Available for Purchase) | |
| 3B | 7024127 | 6 | Thrustwasher | |
| 3C | 7024733 | 42 | Bearing, Needle | |
| 3E | 7024724 | 3 | Shaft, Planet | |
| 3F | See Note | NSS | Gear, Planet (Note: Not Available for Purchase) | |
| 4 | 70002983 | 1 | Planet Gear Sub Assembly | |
| 4B | 7024740 | 12 | Thrustwasher | |
| 4C | 7024734 | 84 | Bearing, Needle | |
| 4D | 7024736 | 3 | Spacer, Thrust | |
| 4E | 7024726 | 3 | Shaft, Planet | |
| 4F | 70002983 | 1 | Gear, Planet | |
| 4G | 7001913 | 3 | Pin, Roll | |
| 4H | 7024742 | 1 | Thrustwasher | |
| 4F | See Note | NSS | Gear, Planet (Note: Not Available for Purchase) | |
| 5 | 7017027 | 1 | Ring, Retaining (External) | |
| 6 | 70001368 | 1 | Cover Gear Sub Assembly | |
| 6A | See Note | NSS | Flange, Plate/Cover (Note: Use Item 6) | |
| 6B | 7017093 | 1 | Cap, Disengage | |
| 6C | 7000216 | 2 | Bolt 1/4 x 1/2 | |
| 6D | 7024739 | 1 | Pin, Dowel | |
| 6E | 7017095 | 1 | O-Ring | |
| 6F | 7017072 | 2 | Plug | |
| 6G | 7024738 | 1 | Ring, Retaining (Internal) | |
| 6K | See Note | NSS | O-Ring (Note: Not Available for Purchase) | |
| 7 | 70005605 | 1 | Carrier, Sub Assembly | |
| 7A | See Note | NSS | Carrier (Note: Not Available for Purchase) | |
| 7B | See Note | NSS | Thrustwasher | |
| 7C | See Note | NSS | Bushing (Note: Not Available for Purchase) | |
| 7E | See Note | NSS | Shaft, Planet (Note: Not Available for Purchase) | |
| 7F | See Note | NSS | Gear, Planet (Note: Not Available for Purchase) | |
| 7G | 7010474 | 3 | Pin, Roll | |
| 7H | 7017020 | 1 | Thrustwasher | |
| 8A | 70005611 | 1 | Adapter, Mounting | |

# SECTION 1 - FRAME

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 8B | 7007642 | 1 | Thrustwasher | |
| 9 | 70005606 | 1 | Shaft, Input | |
| 10 | 70005607 | 1 | Gear, Sun | |
| 11 | 70005609 | 1 | Gear, Sun | |
| 12 | 70005608 | 1 | Gear, Sun | |
| 15 | See Note | NSS | Plate, ID (Note: Not Available for Purchase) | |
| 16 | See Note | NSS | Rivet (Note: Not Available for Purchase) | |
| 17 | 7024134 | 1 | O-Ring | |
| 18 | 70002997 | 1 | O-Ring | |
| 19 | 7017022 | 5 | Bolt (Not Shown) | |
| 20 | 70005612 | 1 | Ring, Retaining (External) | |
| 101 | 7024744 | 1 | Seal Kit (Includes Items 1B, 1F, 1G, 17, 18 & 19) | |

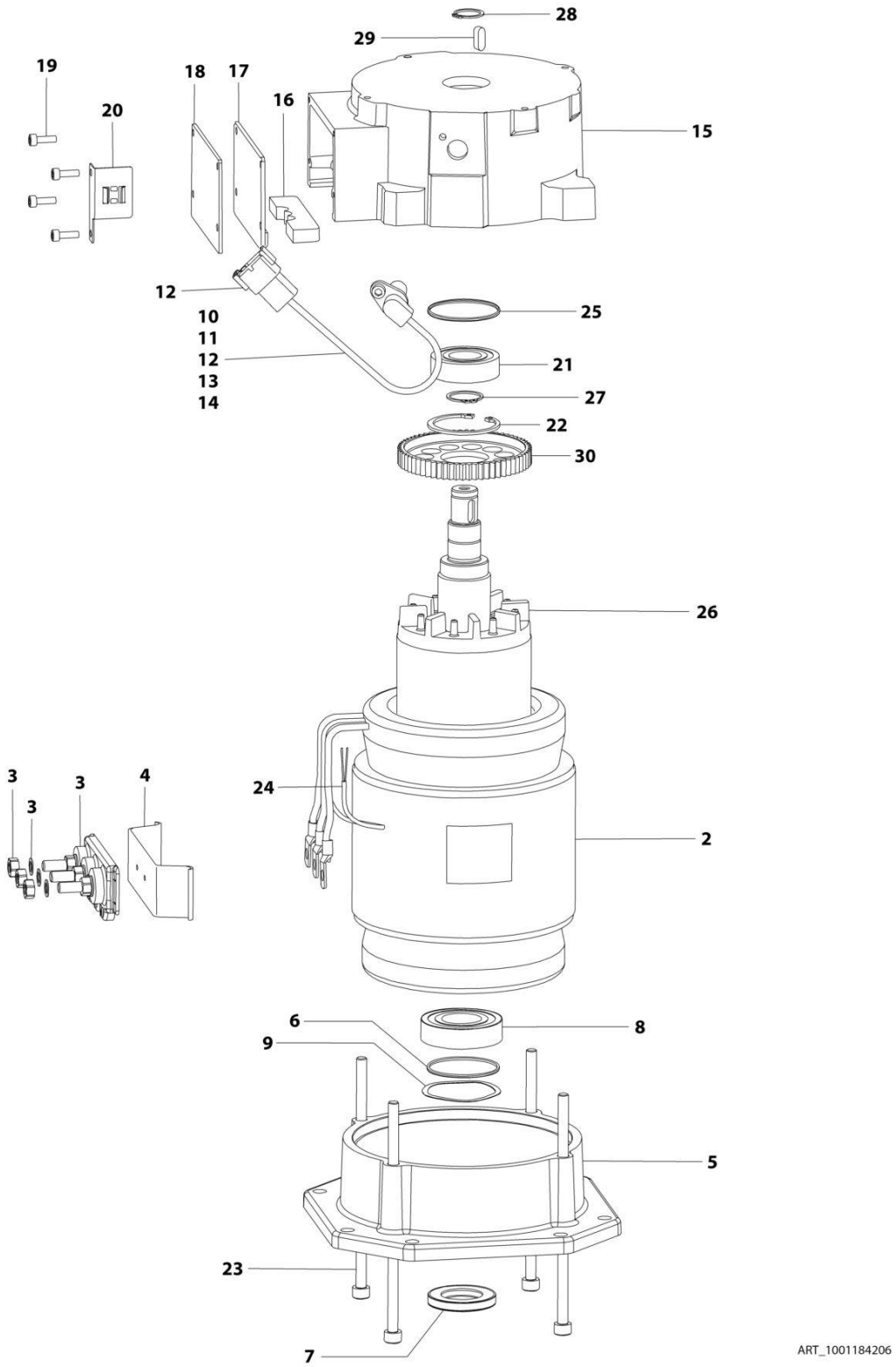
## FIGURE 1-18. DRIVE MOTOR ASSEMBLY (4WD FRONT)



## FIGURE 1-18. DRIVE MOTOR ASSEMBLY (4WD FRONT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228232 | Ref | DRIVE MOTOR ASSEMBLY (4WD FRONT) | A |
| 1 | 7022586 | 1 | Shaft | |
| 2 | See Note | NSS | Casting, Front (Note: Use p/n 1001228232) | |
| 3 | See Note | NSS | Seal, Face (Note: Use Item 400) | |
| 5 | 7022587 | 1 | Bearing, Front | |
| 6 | 7022588 | 1 | Bearing, Rear | |
| 7 | 70006747 | 1 | Washer | |
| 8 | 7022589 | 1 | Ring, Split | |
| 9 | See Note | NSS | Seal, Shaft (Note: Use Item 400) | |
| 12 | See Note | NSS | Seal, Square (Note: Use Item 400) | |
| 100 | 7023870 | 1 | Cam | |
| 101 | 70006763 | 1 | Block, Cylinder | |
| 102 | 70006752 | 1 | Piston | |
| 103 | 70006753 | 8 | Roller | |
| 106 | 70006756 | 2 | Clip | |
| 107 | 70006757 | 2 | Ring, Retaining | |
| 201 | See Note | NSS | Housing, Rear (Note: Use p/n 1001228232) | |
| 202 | 7023871 | 1 | Ring, Distributor | |
| 204 | See Note | NSS | Seal (Note: Use Item 400) | |
| 205 | See Note | NSS | Seal (Note: Use Item 400) | |
| 206 | See Note | NSS | Seal (Note: Use Item 400) | |
| 208 | 70006759 | 1 | Pin, Dowel | |
| 209 | 7023872 | 9 | Spring | |
| 216 | 70001091 | 6 | Screw, Cap | |
| 217 | See Note | NSS | Seal, Square (Note: Use Item 400) | |
| 220 | 7022591 | 1 | Plug | |
| 391 | See Note | NSS | Plate, Rear Cover (Note: Use p/n 1001228232) | |
| 392 | 70002264 | 4 | Screw, Cap | |
| 400 | 70006762 | 1 | Seal Kit (Includes Items 3, 9, 12, 204-206 & 217) | |

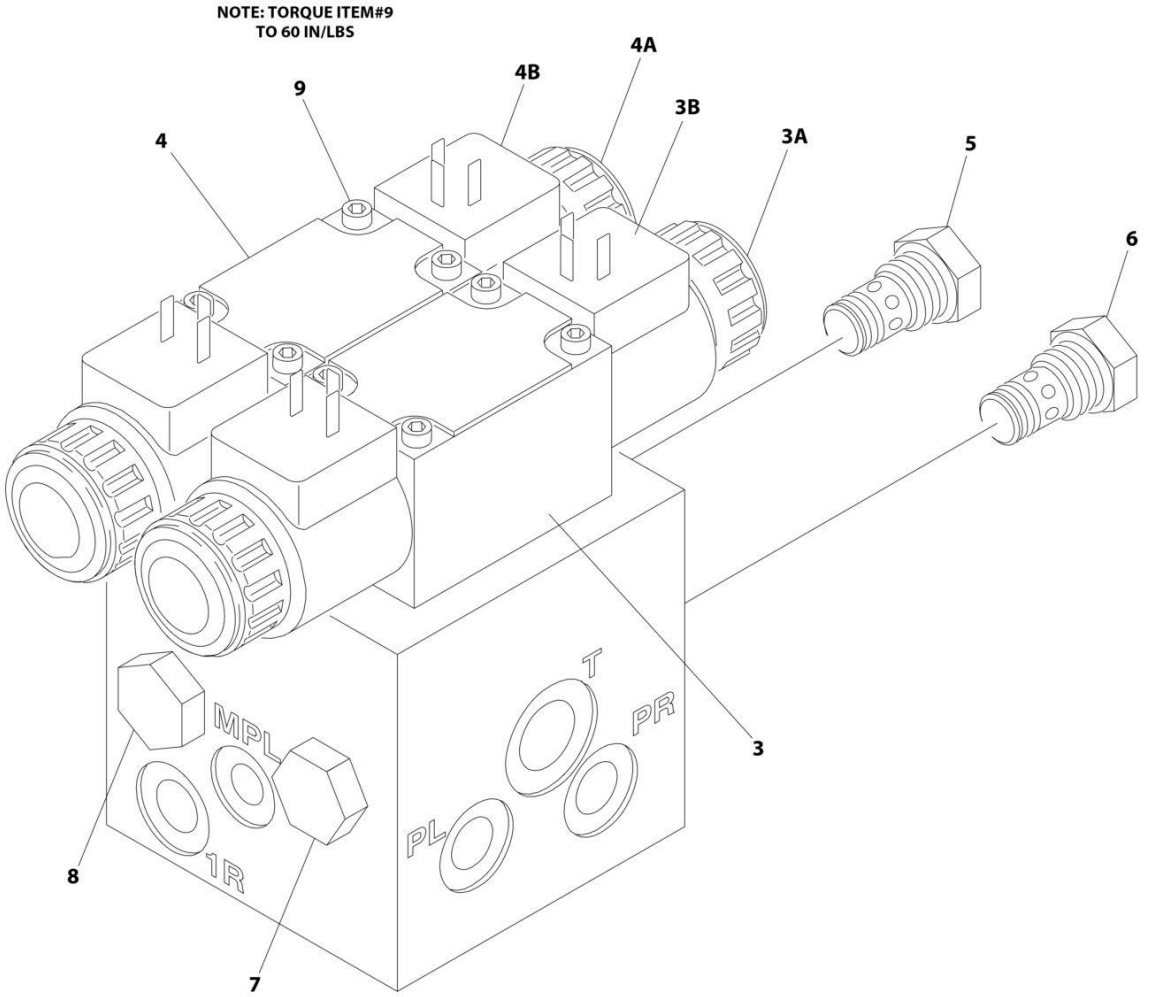
## FIGURE 1-19. DRIVE MOTOR ASSEMBLY (REAR)



## FIGURE 1-19. DRIVE MOTOR ASSEMBLY (REAR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184206 | Ref | DRIVE MOTOR ASSEMBLY | F |
| 2 | 70005385 | 1 | Stator | |
| 3 | 70005685 | 1 | Board, Terminal | |
| 3 | 70005387 | 3 | Nut M8 | |
| 3 | 70005388 | 3 | Washer M8 | |
| 3 | 70005390 | 2 | Screw M5 x 14 | |
| 4 | 70005389 | 1 | Base, Terminal | |
| 5 | 70005391 | 1 | Plate, Drive End | |
| 6 | 70004811 | 1 | O-Ring | |
| 7 | 70005392 | 1 | Seal, Shaft | |
| 8 | 70004809 | 1 | Bearing | |
| 9 | 70005393 | 1 | Washer, Wavy | |
| 10 | 70005394 | 1 | Sensor (Includes Items 11-14) | |
| 11 | 70005395 | 1 | Screw M8 x 16 | |
| 12 | 70005397 | 1 | Connector | |
| 13 | 70005396 | 1 | Wedge | |
| 14 | 4460516 | 4 | Pin, Male | |
| 15 | 70005686 | 1 | Shield, End | |
| 16 | 70005687 | 1 | Seal | |
| 17 | 70005400 | 1 | Seal | |
| 18 | 70005401 | 1 | Cover | |
| 19 | 70005402 | 4 | Screw M5 x 16 | |
| 20 | 70005403 | 1 | Plate, Retaining | |
| 21 | 70005404 | 1 | Bearing | |
| 22 | 70005405 | 1 | Clip, Retainer | |
| 23 | 70005406 | 4 | Screw M8 x 180 | |
| 24 | 70005407 | 1 | Temperature, Sensor | |
| 25 | 70005408 | 1 | O-Ring | |
| 26 | 70005688 | 1 | Rotor | |
| 27 | 70004820 | 1 | Clip, Retainer | |
| 28 | 70005410 | 1 | Clip, Retainer | |
| 29 | 70005689 | 1 | Key | |
| 30 | 70005412 | 1 | Gear | |

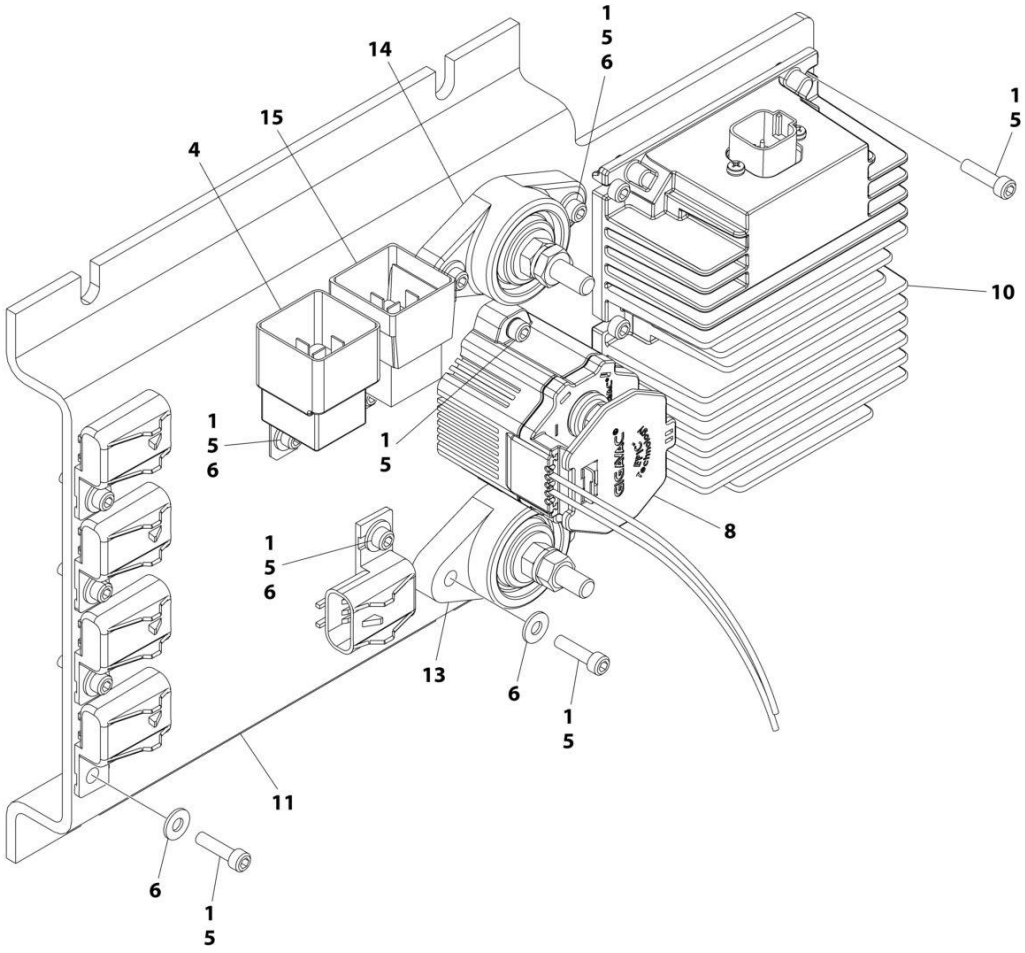
## FIGURE 1-20. DRIVE VALVE ASSEMBLY (4WD ONLY)



## FIGURE 1-20. DRIVE VALVE ASSEMBLY (4WD ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001092586 | Ref | DRIVE VALVE ASSEMBLY | B |
| 3 | 70001422 | 1 | Control Valve Assembly | |
| 3 | 7012773 | 1 | Seal Kit - 70001422 Valve | |
| 3A | 7021375 | 1 | Nut, Coil | |
| 3B | 70002947 | 1 | Coil | |
| 4 | 70001422 | 1 | Control Valve Assembly | |
| 4 | 7012773 | 1 | Seal Kit - 70001422 Valve | |
| 4A | 7021375 | 1 | Nut, Coil | |
| 4B | 70002947 | 1 | Coil | |
| 5 | 7012969 | 1 | Cartridge, Check | |
| 5 | 7012540 | 1 | Seal Kit - 7012969 Valve | |
| 6 | 7012969 | 1 | Cartridge, Check | |
| 6 | 7012540 | 1 | Seal Kit - 7012969 Valve | |
| 7 | 7012969 | 1 | Cartridge, Check | |
| 7 | 7012540 | 1 | Seal Kit - 7012969 Valve | |
| 8 | 7012969 | 1 | Cartridge, Check | |
| 8 | 7012540 | 1 | Seal Kit - 7012969 Valve | |
| 9 | 7018942 | 8 | Capscrew #10 x 2 | |

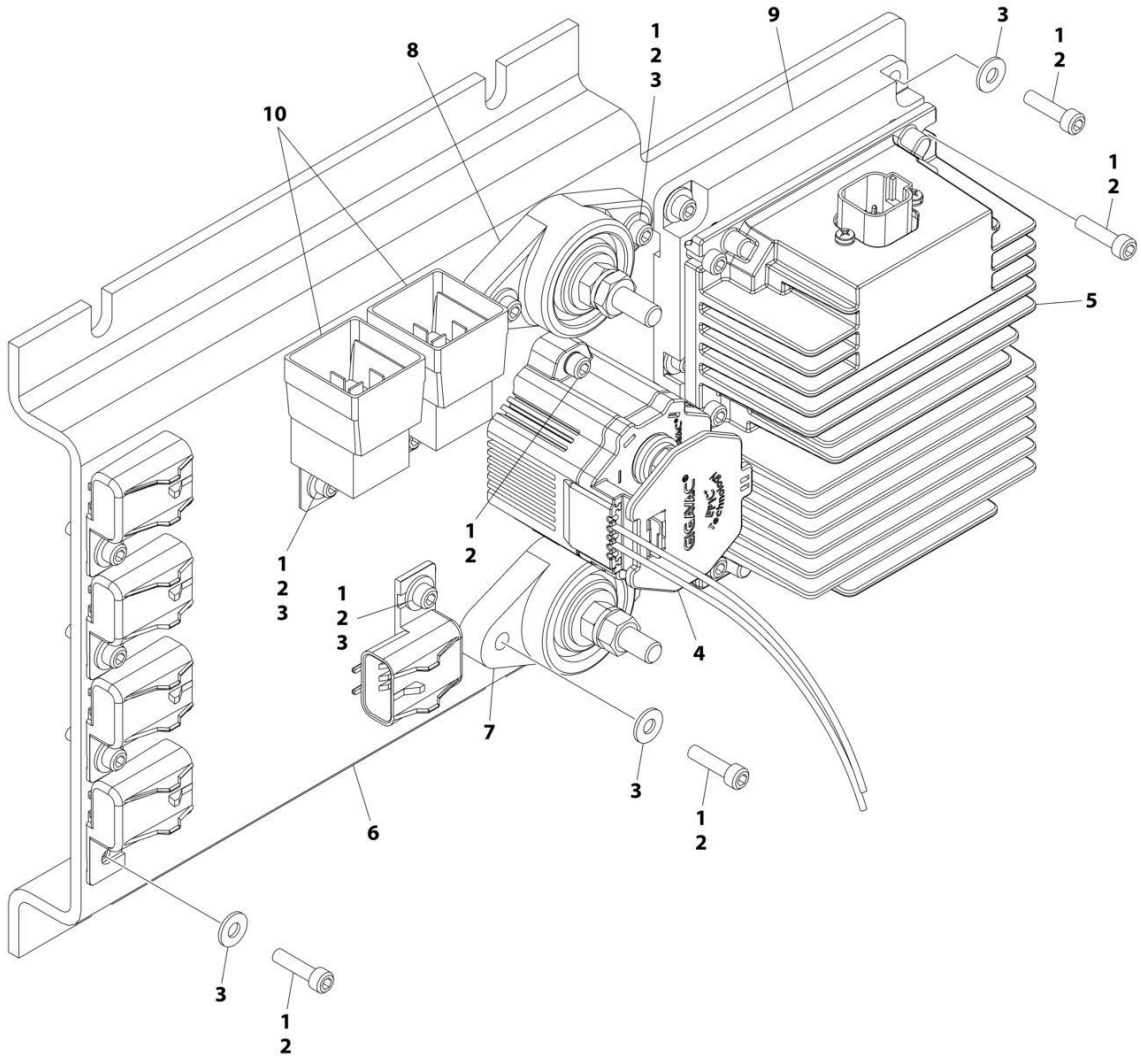
## FIGURE 1-21. AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS)



## FIGURE 1-21. AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180654 | Ref | AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS) | D |
| 1 | 0100035 | AR | Compound, Locking | |
| 4 | 3740080 | 1 | Relay | |
| 5 | 3931012 | 19 | Capscrew #10 x 3/4 | |
| 6 | 4711000 | 11 | Washer #10 | |
| 8 | 1001170367 | 1 | Relay | |
| 10 | 1001174447 | 1 | Converter | |
| 11 | 1001180653 | 1 | Plate, Mounting | |
| 13 | 1001186860 | 1 | Stud, Power Distribution | |
| 14 | 1001212359 | 1 | Stud, Power Distribution (Red) | |
| 15 | 1001214667 | 1 | Relay | |

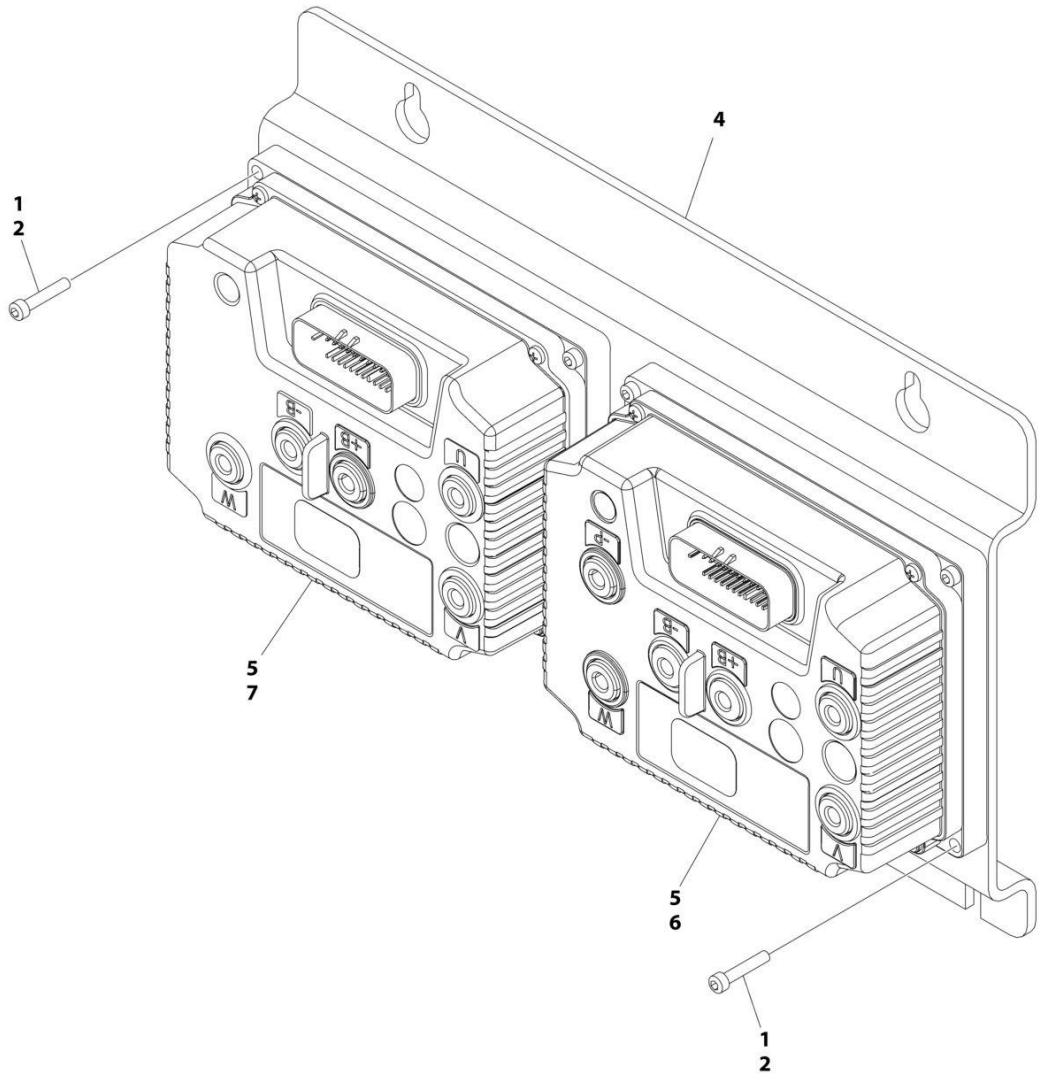
## FIGURE 1-22. AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)



## FIGURE 1-22. AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214669 | Ref | AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS) | B |
| 1 | 0100035 | AR | Compound, Locking | |
| 2 | 3931012 | 25 | Capscrew #10 x 3/4 | |
| 3 | 4711000 | 17 | Washer #10 | |
| 4 | 1001170367 | 1 | Relay, 300Amp | |
| 4 | 1001272006 | 1 | Relay, 350Amp | |
| 5 | 1001174447 | 1 | Converter | |
| 6 | 1001180653 | 1 | Plate, Mounting | |
| 7 | 1001186860 | 1 | Stud, Power Distribution | |
| 8 | 1001212359 | 1 | Stud, Power Distribution (Red) | |
| 9 | 1001212450 | 1 | Insulate, Converter | |
| 10 | 1001214667 | 2 | Relay | |

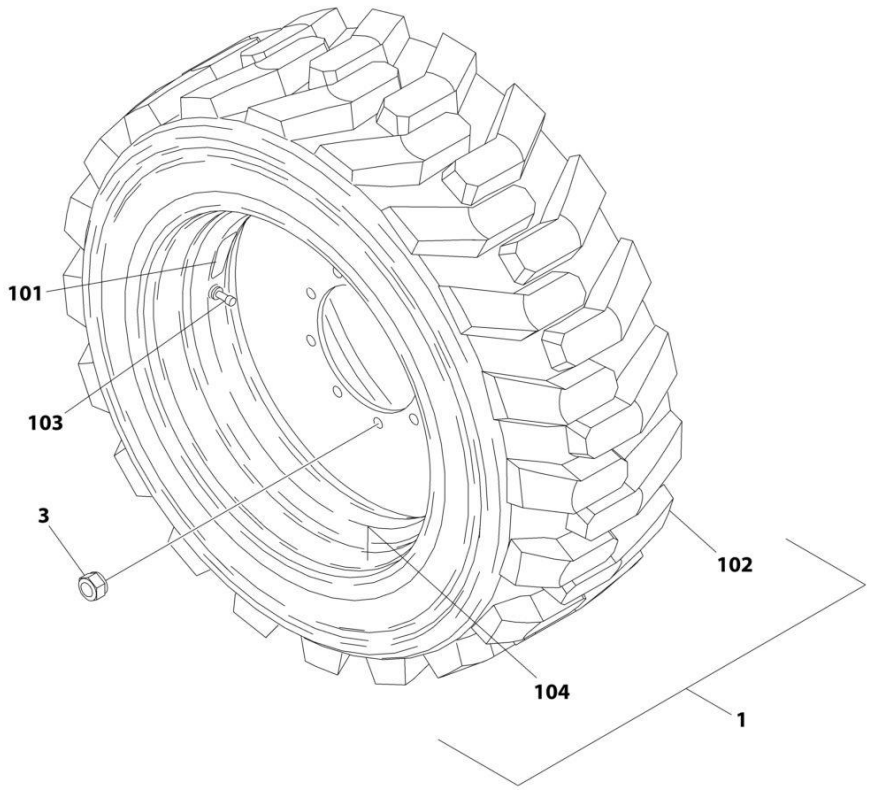
## FIGURE 1-23. DRIVE MODULE PLATE ASSEMBLY



## FIGURE 1-23. DRIVE MODULE PLATE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180780 | Ref | DRIVE MODULE PLATE ASSEMBLY | C |
| 1 | 0100035 | AR | Compound, Locking | |
| 2 | 3931016 | 8 | Capscrew #10 x 1 | |
| 4 | 1001180779 | 1 | Plate, Mounting | |
| 5 | 0100083 | AR | Grease | |
| 6 | 1001178339 | 1 | Module, Drive | |
| 7 | 1001192212 | 1 | Module, Drive | |

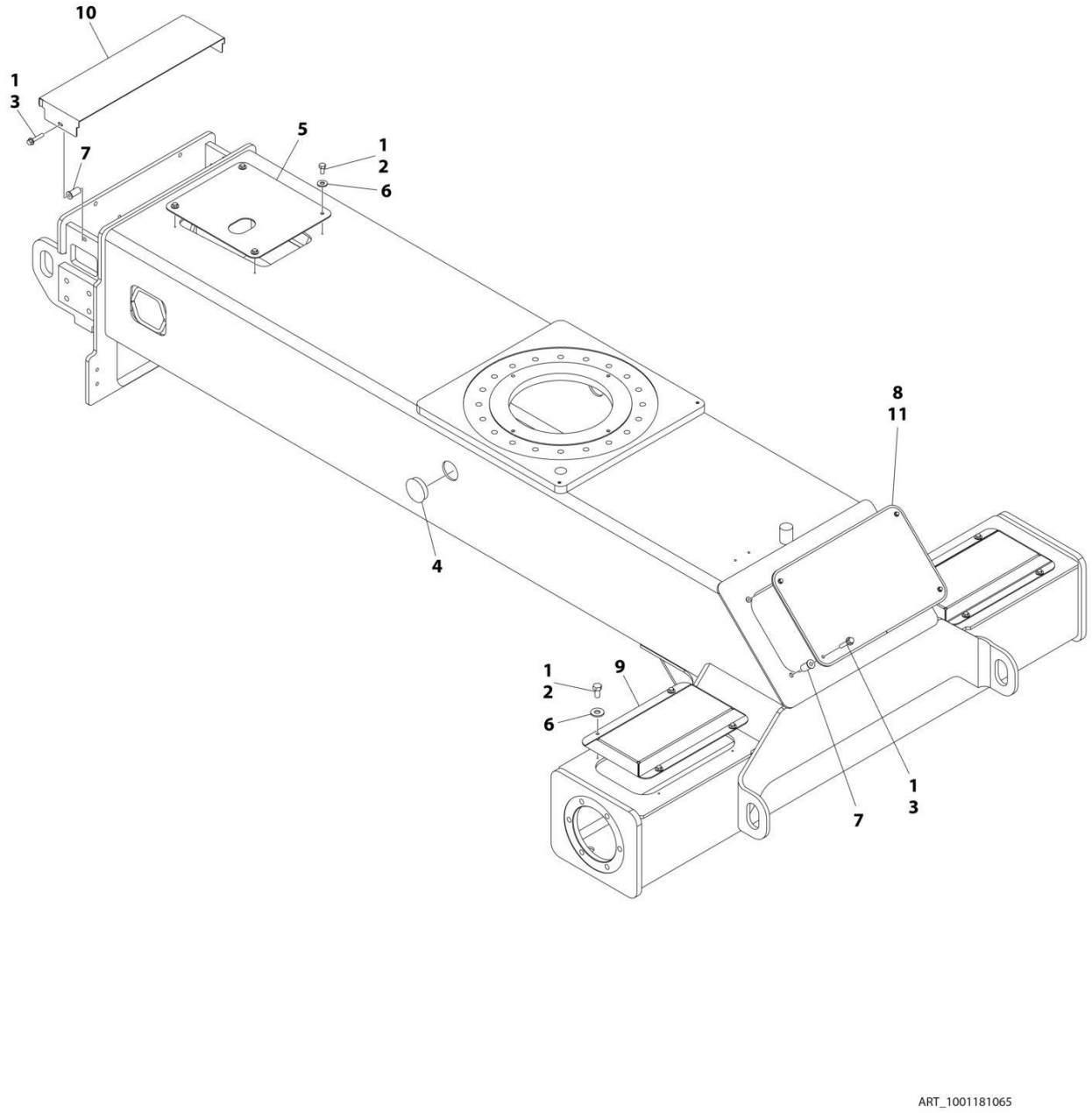
## FIGURE 1-24. TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING



## FIGURE 1-24. TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0272694 | Ref | TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 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. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly. | |
| 1 | 0272692 | 2 | 36/14LL x 22.5 Foam-Filled Non-Marking (Right Side) | E |
| 1 | 0272693 | 2 | 36/14LL x 22.5 Foam-Filled Non-Marking (Left Side) | E |
| 3 | 3300426 | 36 | Nut 5/8 | |
| 101 | 1702698 | 1 | Decal - 55PSI/4BAR (Pneumatic Only) | |
| 102 | 4520264 | 1 | Tire, Replacement (36/14LL x 22.5) | |
| 103 | 4641122 | 1 | Valve, Air | |
| 104 | 4860212 | 1 | Rim, Wheel | |

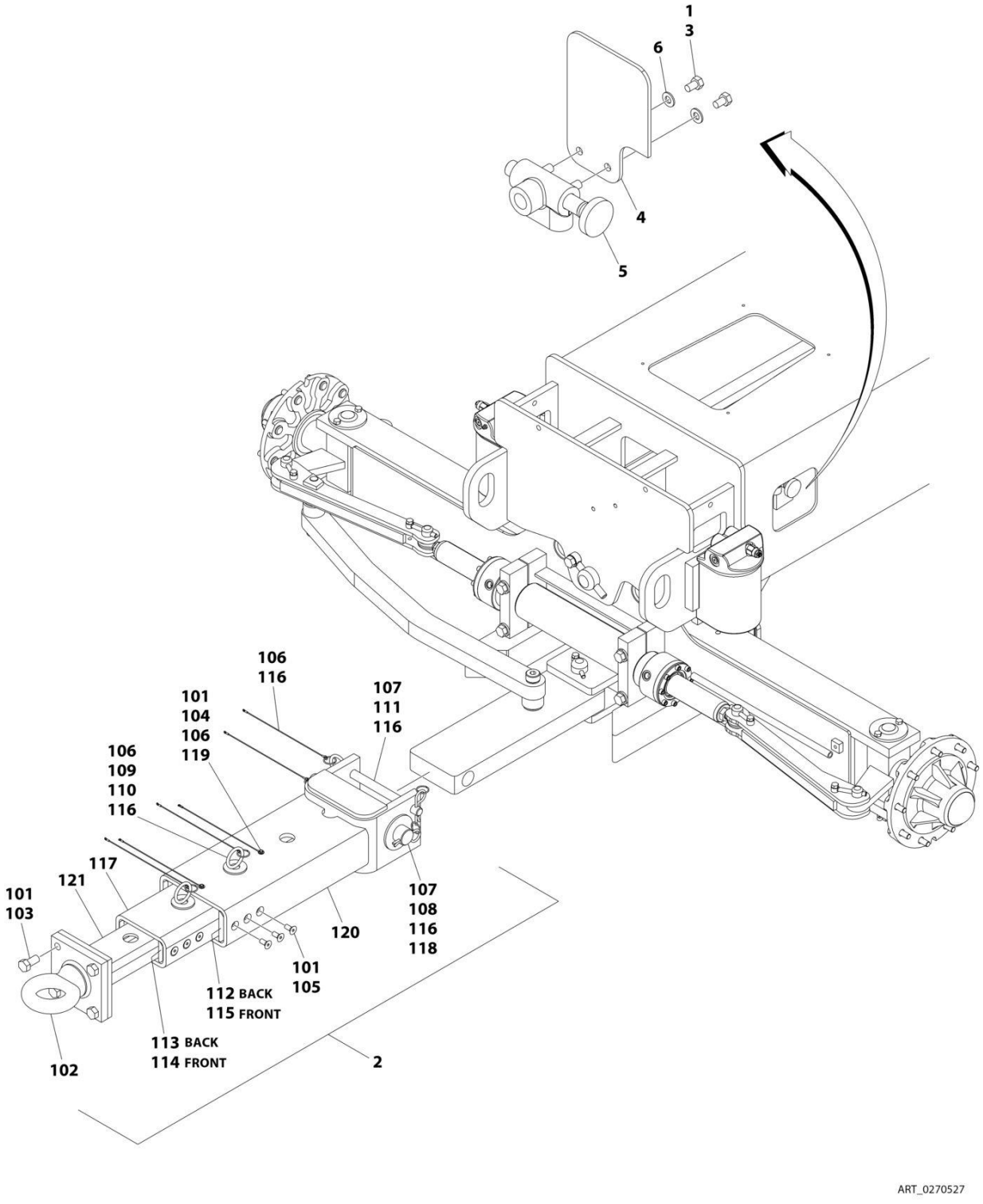
## FIGURE 1-25. FRAME SHIELDS INSTALLATION



## FIGURE 1-25. FRAME SHIELDS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001181065 | Ref | FRAME SHIELDS INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641505 | 12 | Bolt 5/16 x 5/8 | |
| 3 | 0791410 | 8 | Screw 1/4 x 1-1/4 | |
| 4 | 3520064 | 2 | Plug | |
| 5 | 1001194312 | 1 | Cover, Front Frame | |
| 6 | 4751500 | 12 | Washer 5/16 | |
| 7 | 8580420 | 8 | Nut, Well | |
| 8 | 1001172293 | 1 | Cover, Rear Frame | |
| 9 | 1001180652 | 2 | Cover, Axle | |
| 10 | 1001181924 | 1 | Cover, Front Frame | |
| 11 | 4060804 | 5.5 ft/ 1.7m | Flex-Trim | |

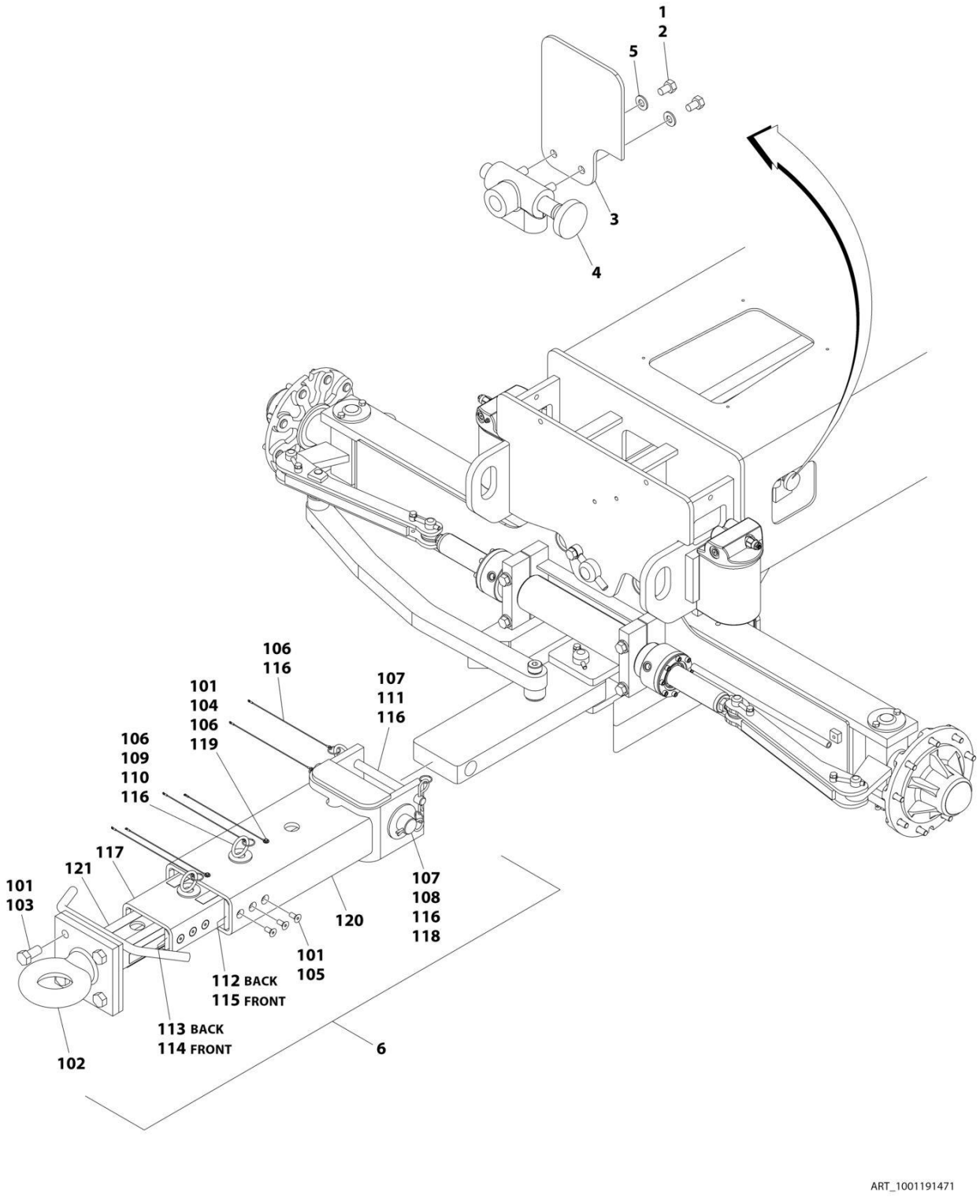
## FIGURE 1-26. TOW PACKAGE INSTALLATION WITHOUT NATO EYE



## FIGURE 1-26. TOW PACKAGE INSTALLATION WITHOUT NATO EYE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270527 | Ref | TOW PACKAGE INSTALLATION WITHOUT NATO EYE | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0270528 | 1 | Tow Bar Assembly (See Items 101-121 for Breakdown) | |
| 3 | 0641504 | 2 | Bolt 5/16 x 1/2 | |
| 4 | 3572506 | 1 | Plate, Valve Mounting | |
| 5 | 4640261 | 1 | Valve, Tow | |
| 6 | 4711500 | 2 | Washer 5/16 | |
| | 0270528 | Ref | TOW BAR ASSEMBLY | B |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 0362910 | 1 | Hook, Pintle Eye | |
| 103 | 0642010 | 4 | Bolt 5/8 x 1-1/4 | |
| 104 | 0721004 | 2 | Screw | |
| 105 | 0741607 | 24 | Screw 3/8 x 7/8 | |
| 106 | 1060584 | 6 | Lanyard | |
| 107 | 3420372 | 2 | Pin, Cotter | |
| 108 | 3420447 | 1 | Pin, Towing | |
| 109 | 3421565 | 2 | Pin, Snap | |
| 110 | 3422841 | 2 | Pin | |
| 111 | 3422847 | 1 | Pin | |
| 112 | 3572009 | 2 | Plate, Slide Stop | |
| 113 | 3572010 | 2 | Plate, Slide Stop | |
| 114 | 3572011 | 2 | Plate, Slide Stop | |
| 115 | 3572012 | 2 | Plate, Slide Stop | |
| 116 | 3760170 | 8 | Ring, Split | |
| 117 | 4568133 | 1 | Tow Bar - Middle | |
| 118 | 4740036 | 1 | Washer | |
| 119 | 4751000 | 2 | Washer #10 | |
| 120 | 4846295 | 1 | Tow Bar - Outer | |
| 121 | 4846296 | 1 | Tow Bar - Inner | |

## FIGURE 1-27. TOW PACKAGE INSTALLATION WITH NATO EYE

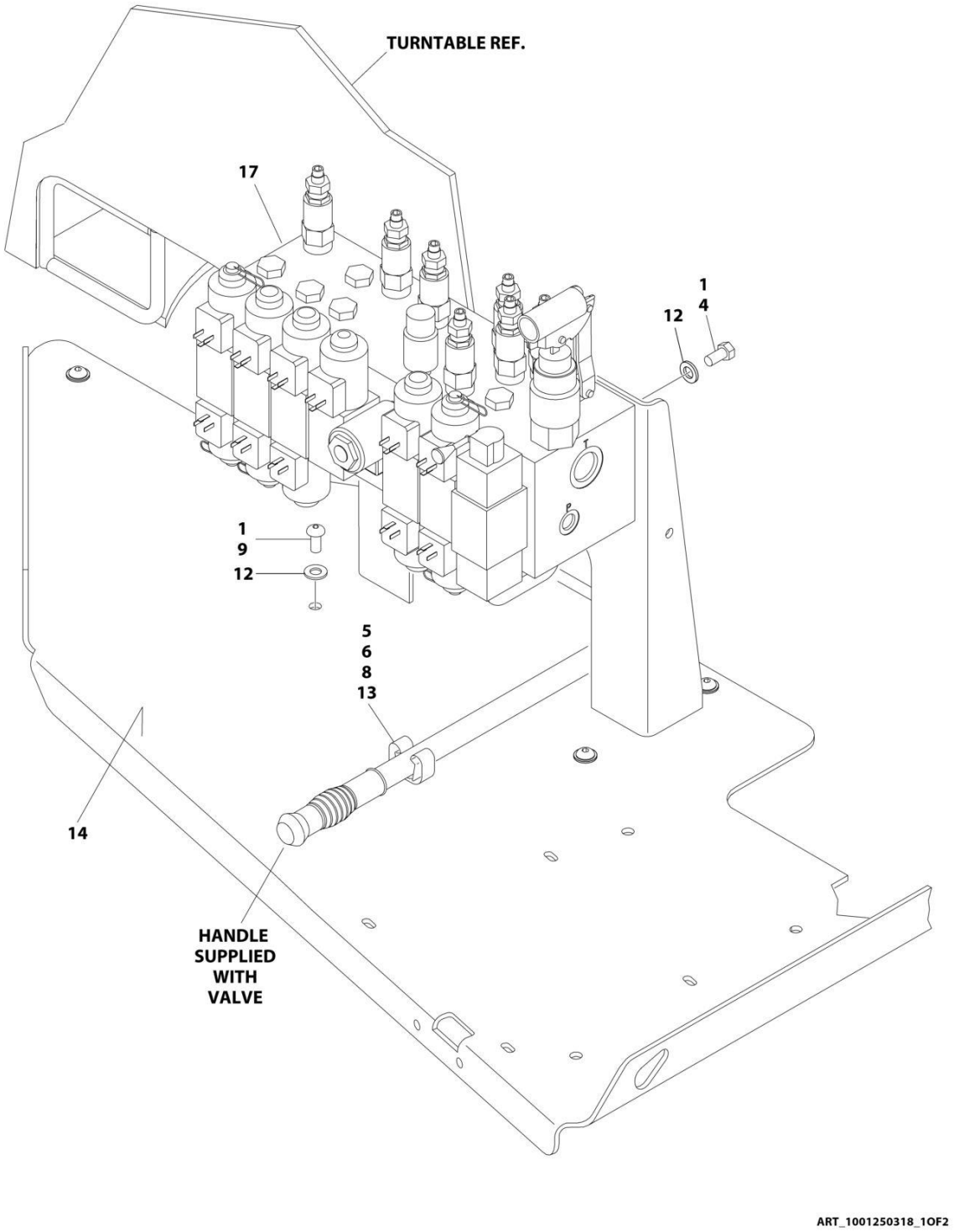


## FIGURE 1-27. TOW PACKAGE INSTALLATION WITH NATO EYE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191471 | Ref | TOW PACKAGE INSTALLATION WITH NATO EYE | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641504 | 2 | Bolt 5/16 x 1/2 | |
| 3 | 3572506 | 1 | Plate, Valve Mounting | |
| 4 | 4640261 | 1 | Valve, Tow | |
| 5 | 4711500 | 2 | Washer 5/16 | |
| 6 | 1001191469 | 1 | Tow Bar Assembly (See Items 101-121 for Breakdown) | |
| | 1001191469 | Ref | TOW BAR ASSEMBLY | A |
| 101 | 0100011 | AR | Compound, Locking | |
| 102 | 1001191463 | 1 | Eye-Hook, Pintle | |
| 103 | 0682212 | 4 | Bolt 3/4 x 1-1/2 | |
| 104 | 0721004 | 2 | Screw | |
| 105 | 0741607 | 24 | Screw 3/8 x 7/8 | |
| 106 | 1060584 | 6 | Lanyard | |
| 107 | 3420372 | 2 | Pin, Cotter | |
| 108 | 3420447 | 1 | Pin, Towing | |
| 109 | 3421565 | 2 | Pin, Snap | |
| 110 | 3422841 | 2 | Pin | |
| 111 | 3422847 | 1 | Pin | |
| 112 | 3572009 | 2 | Plate, Slide Stop | |
| 113 | 3572010 | 2 | Plate, Slide Stop | |
| 114 | 3572011 | 2 | Plate, Slide Stop | |
| 115 | 3572012 | 2 | Plate, Slide Stop | |
| 116 | 3760170 | 8 | Ring, Split | |
| 117 | 4568133 | 1 | Tow Bar - Middle | |
| 118 | 4740036 | 1 | Washer | |
| 119 | 4751000 | 2 | Washer #10 | |
| 120 | 1001191489 | 1 | Tow Bar - Outer | |
| 121 | 1001191493 | 1 | Tow Bar - Inner | |

# SECTION 2 - TURNTABLE

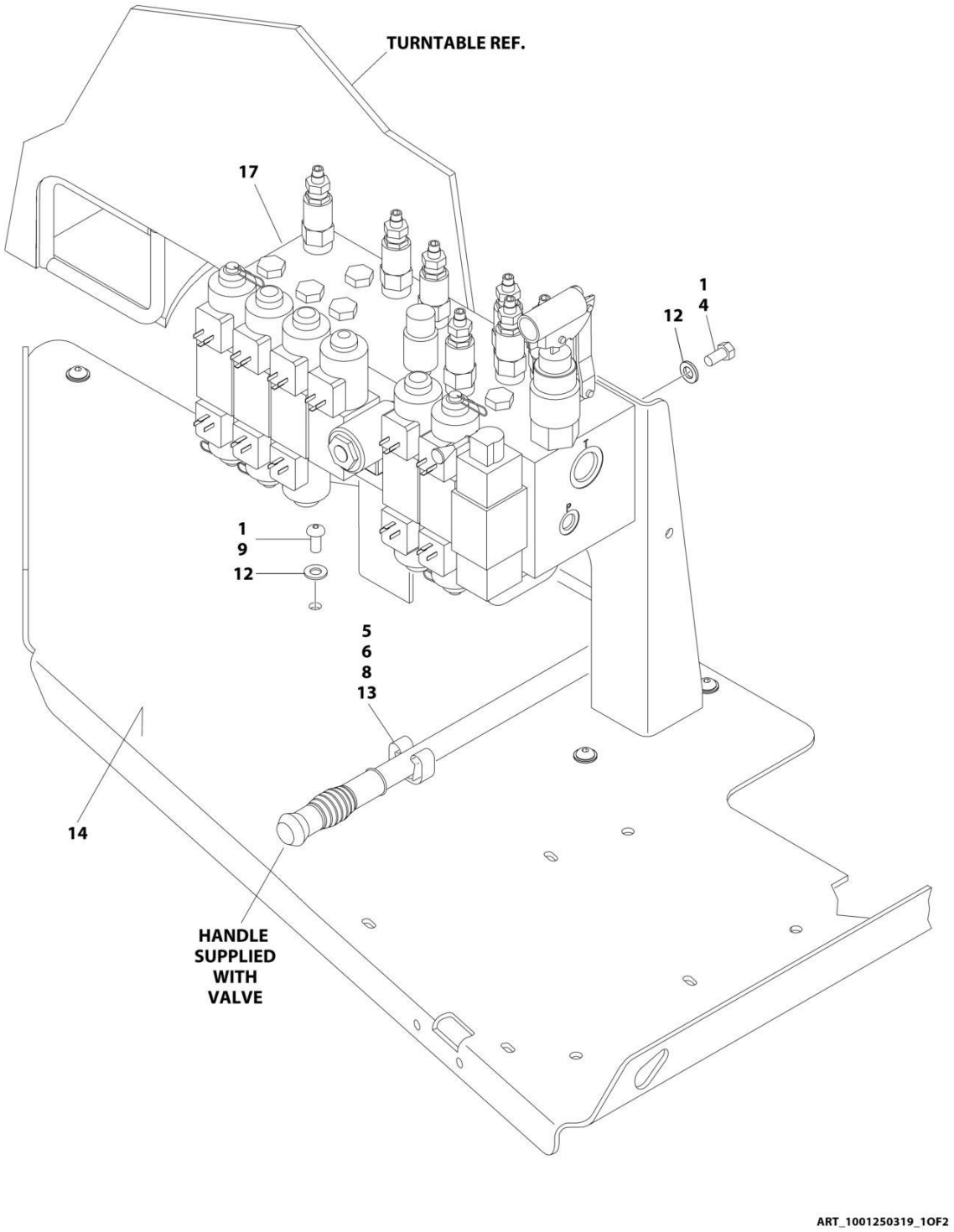
## FIGURE 2-1. MAIN CONTROL INSTALLATION - EC600SJ & H600SJ



## FIGURE 2-1. MAIN CONTROL INSTALLATION - EC600SJ & H600SJ

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001250318 | Ref | MAIN VALVE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 4 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 5 | 0741005 | 2 | Bolt #10 x 5/8 | |
| 6 | 1380136 | 2 | Clip | |
| 8 | 3311005 | 2 | Nut #10 | |
| 9 | 3900283 | 7 | Screw | |
| 12 | 4711600 | 11 | Washer 3/8 | |
| 13 | 4751000 | 4 | Washer #10 | |
| 14 | 4846183 | 1 | Tray | |
| 17 | 1001219391 | 1 | Main Control Valve Assembly (See Separate Breakdown in this Section) | |

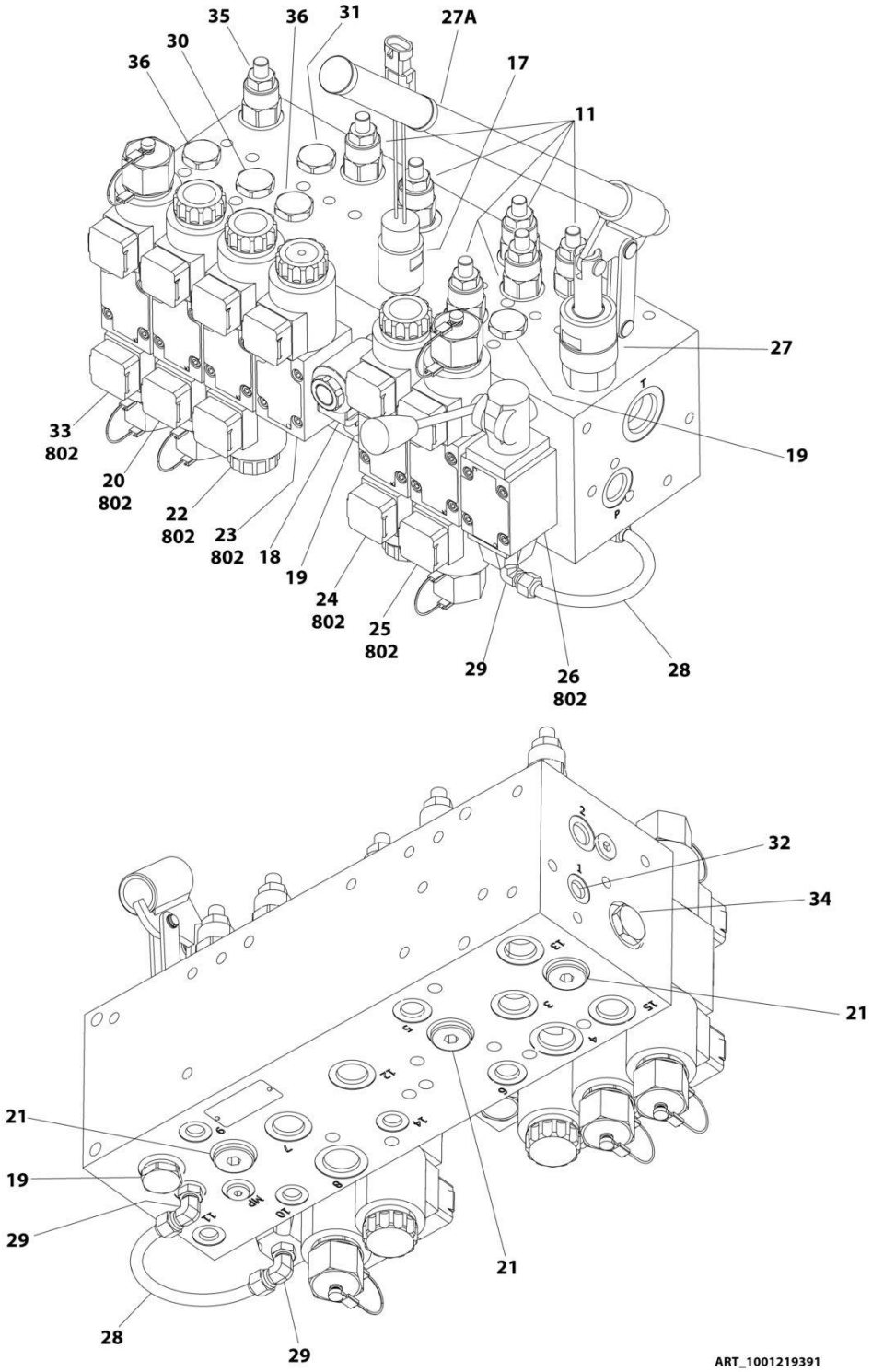
## FIGURE 2-2. MAIN CONTROL INSTALLATION - EC600SJP & H600SJP



## FIGURE 2-2. MAIN CONTROL INSTALLATION - EC600SJP & H600SJP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001250319 | Ref | MAIN VALVE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 4 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 5 | 0741005 | 2 | Bolt #10 x 5/8 | |
| 6 | 1380136 | 2 | Clip | |
| 8 | 3311005 | 2 | Nut #10 | |
| 9 | 3900283 | 7 | Screw | |
| 12 | 4711600 | 11 | Washer 3/8 | |
| 13 | 4751000 | 4 | Washer #10 | |
| 14 | 4846183 | 1 | Tray | |
| 17 | 1001219391 | 1 | Main Control Valve Assembly (See Separate Breakdown in this Section) | |

## FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY



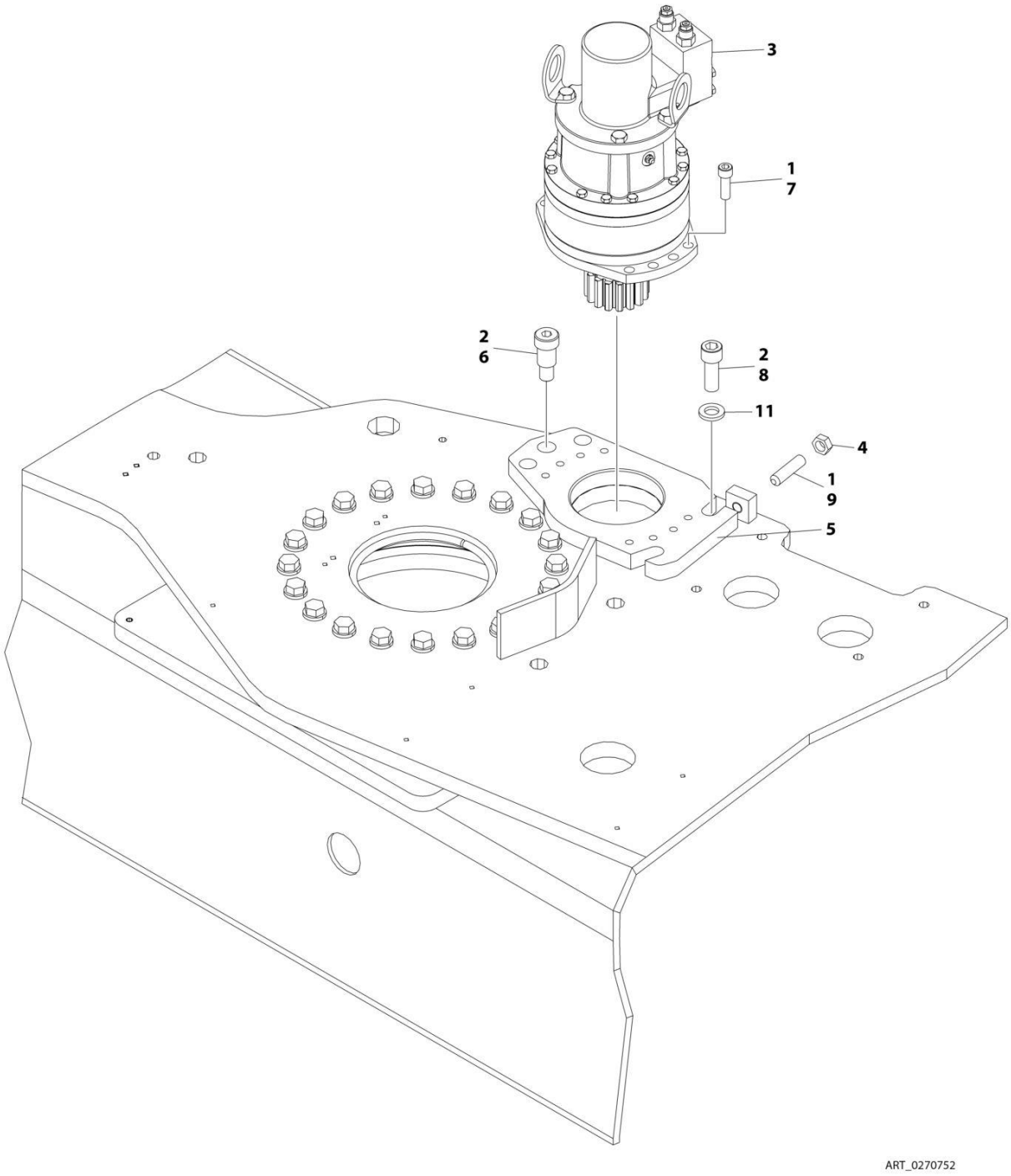
## FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219391 | Ref | MAIN CONTROL VALVE ASSEMBLY | D |
| 11 | 70003019 | 6 | Cartridge, Relief | |
| 11 | 70004052 | 6 | Seal Kit - 70003019 Valve | |
| 17 | 7021619 | 1 | Cartridge, Pressure Switch (Brake) | |
| 18 | 70007284 | 1 | Cartridge without Coil (Brake) | |
| 18 | 70007285 | 1 | Coil | |
| 19 | 70004585 | 3 | Cartridge, Valve | |
| 20 | 70001440 | 1 | Control Valve Assembly (Telescope) | |
| 20 | 7012773 | 1 | Seal Kit | |
| 20 | 70003525 | 1 | Nut | |
| 20 | 70003526 | 1 | Lanyard | |
| 20 | 7021375 | 1 | Nut | |
| 20 | 7018943 | 2 | O-Ring between Nut & Coil | |
| 20 | 70002947 | 2 | Coil | |
| 20 | 7018945 | 4 | Seal between Valve and Block | |
| 21 | 70023859 | 3 | Valve, Shuttle | |
| 22 | 70001342 | 1 | Control Valve Assembly (Steer) | |
| 22 | 7012773 | 1 | Seal Kit | |
| 22 | 7021375 | 1 | Nut | |
| 22 | 7018943 | 2 | O-Ring between Nut & Coil | |
| 22 | 70002947 | 2 | Coil | |
| 22 | 7018945 | 4 | Seal between Valve and Block | |
| 13 | 7022521 | 1 | Control Valve Assembly (Flow Control) | |
| 23 | 7012773 | 1 | Seal Kit | |
| 23 | 7021375 | 1 | Nut | |
| 23 | 7018943 | 1 | O-Ring between Nut & Coil | |
| 23 | 7018991 | 2 | Coil | |
| 23 | 7018945 | 4 | Seal between Valve and Block | |
| 24 | 7024991 | 1 | Control Valve Assembly (Lift) | |
| 24 | 7012773 | 1 | Seal Kit | |
| 24 | 7021375 | 2 | Nut | |
| 24 | 7018943 | 2 | O-Ring between Nut & Coil | |
| 24 | 7018991 | 2 | Coil | |
| 24 | 7018945 | 4 | Seal between Valve and Block | |
| 25 | 70005374 | 1 | Control Valve Assembly (Swing) | |
| 25 | 70003526 | 2 | Lanyard | |
| 25 | 70003525 | 2 | Nut | |
| 25 | 70004461 | 2 | O-Ring between Nut & Coil | |
| 25 | 7018991 | 2 | Coil | |
| 25 | 7018945 | 4 | Seal between Valve and Block | |
| 26 | 7024022 | 1 | Control Valve Assembly (Manual Descent) | |
| 26 | 7024024 | 1 | Seal Kit | |
| 26 | 7024023 | 1 | Handle and Actuator End | |
| 27 | 70007286 | 1 | Pump Assembly | |
| 27A | 70007287 | 1 | Handle with Grip | |
| 28 | 70000435 | 1 | Hose | |
| 29 | 7018904 | 1 | Fitting, Elbow | |
| 30 | 70005952 | 1 | Cartridge, Check | |
| 31 | 70005951 | 1 | Cartridge, Check | |
| 32 | 7018900 | 1 | Orifice | |

# SECTION 2 - TURNTABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 70007288 | 1 | Control Valve Assembly (Jib) | |
| 33 | 70003526 | 2 | Lanyard | |
| 33 | 70003525 | 2 | Nut | |
| 33 | 70004461 | 2 | O-Ring between Nut & Coil | |
| 33 | 70002947 | 2 | Coil | |
| 33 | 7018945 | 4 | Seal between Valve and Block | |
| 34 | 70003021 | 1 | Cartridge, Valve | |
| 34 | 70004052 | 1 | Seal Kit - 70003021 Valve | |
| 35 | 70003019 | 1 | Cartridge, Relief | |
| 35 | 70004052 | 1 | Seal Kit - 70003019 Valve | |
| 36 | 70005952 | 2 | Cartridge, Check | |
| 802 | 7018942 | 28 | Capscrew #10 x 2 | |

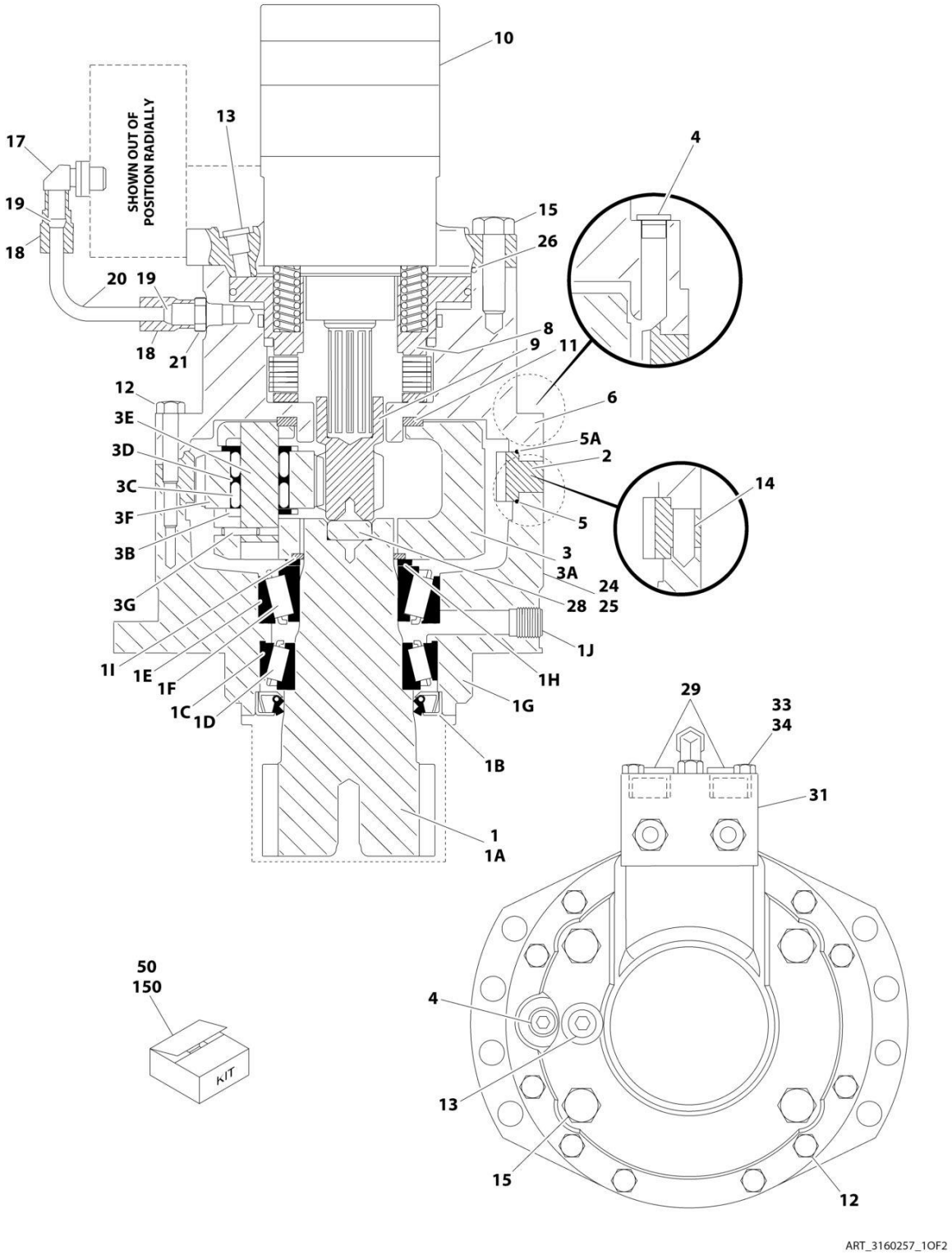
**FIGURE 2-4. SWING DRIVE INSTALLATION**

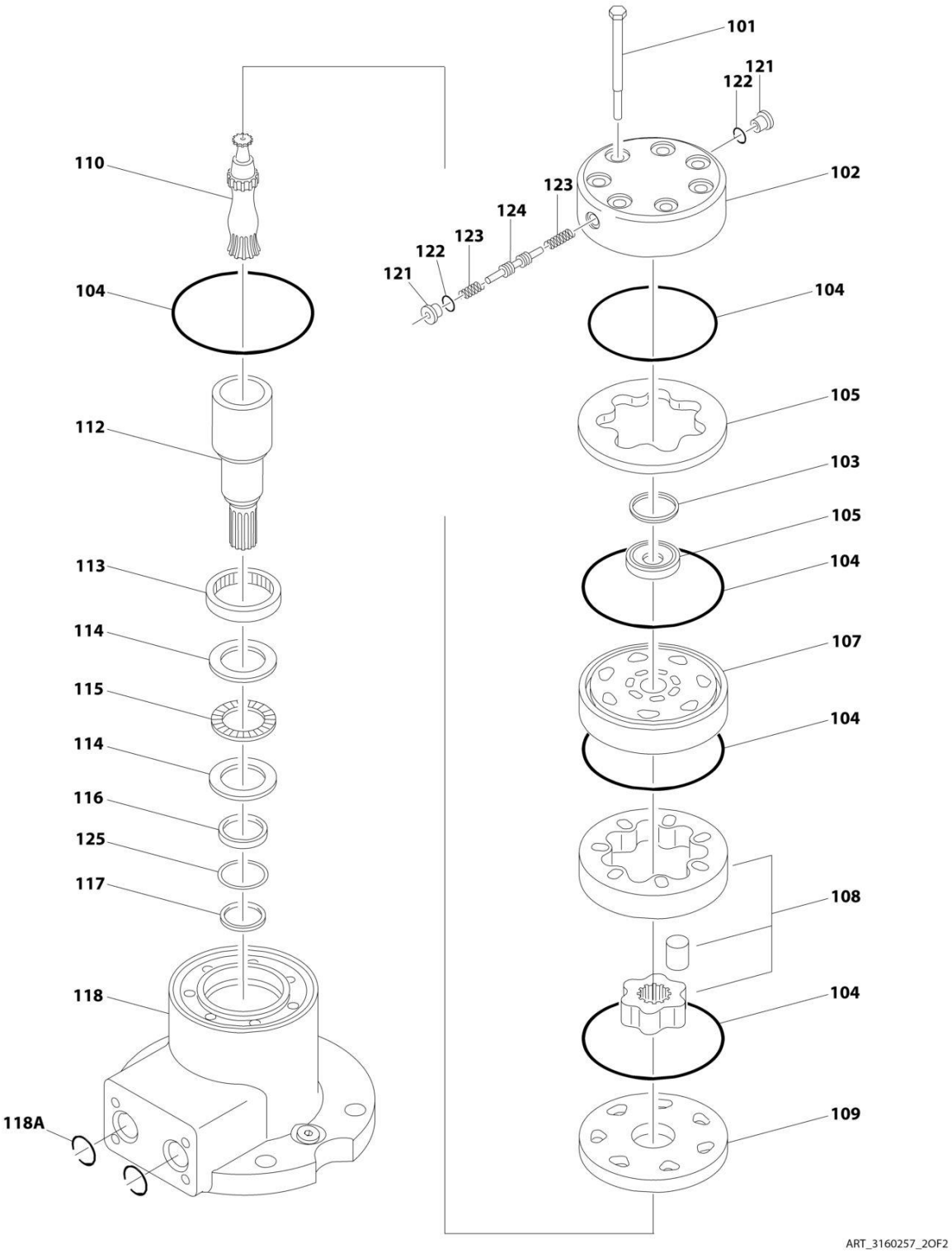


## FIGURE 2-4. SWING DRIVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270752 | Ref | SWING DRIVE INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 3160257 | 1 | Swing Motor Assembly (See Separate Breakdown in this Section) | |
| 4 | 3312002 | 1 | Nut 5/8 | |
| 5 | 3572628 | 1 | Plate, Mounting | |
| 6 | 3900293 | 1 | Screw, Shoulder | |
| 7 | 3931824 | 8 | Capscrew 1/2 x 1-1/2 Grade 8 | |
| 8 | 3932232 | 4 | Bolt 3/4 x 2 Grade 8 | |
| 9 | 3952020 | 1 | Setscrew 5/8 x 2-1/2 | |
| 10 | 4071009 | 1 | Shim (Not Shown - Used on setting gear backlash) | |
| 11 | 4892200 | 4 | Washer 3/4 | |

## FIGURE 2-5. SWING MOTOR ASSEMBLY




101
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104
114
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125
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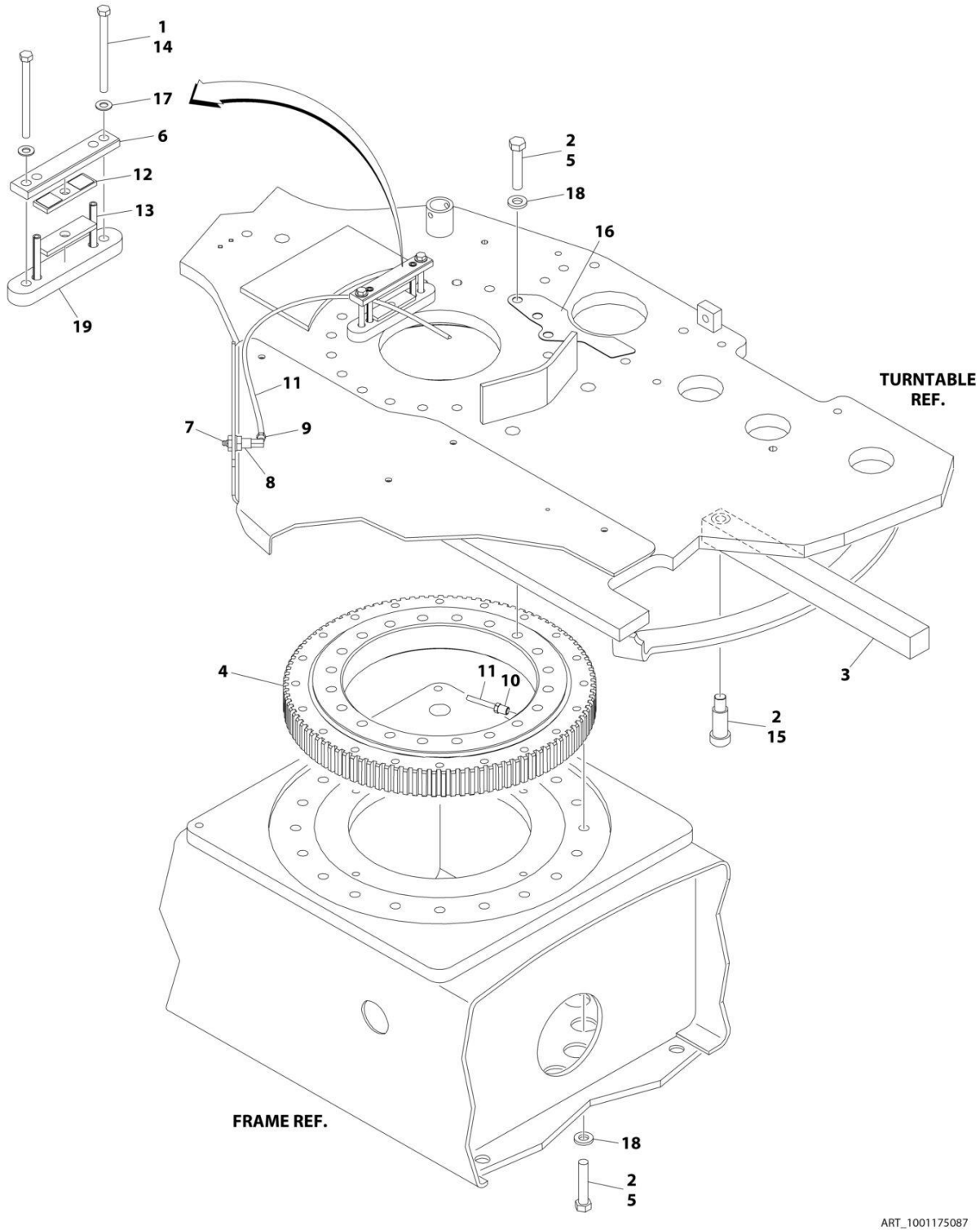
118A
ART_3160257_2OF2

## FIGURE 2-5. SWING MOTOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 3160257 | Ref | SWING MOTOR ASSEMBLY | C |
| 1 | See Note | NSS | Housing Assembly (Note: Use p/n 3160257) | |
| 1A | 7017069 | 1 | Shaft, Output | |
| 1B | See Note | NSS | Seal, Lip (Note: Use Item 50) | |
| 1C | 7000255 | 1 | Bearing, Tapered-Cup | |
| 1D | 7000256 | 1 | Bearing, Tapered-Cone | |
| 1E | 7000257 | 1 | Bearing, Tapered-Cup | |
| 1F | 7000258 | 1 | Bearing, Tapered-Cone | |
| 1G | 7017071 | 1 | Housing | |
| 1H | 7007633 | 1 | Thrustwasher | |
| 1I | See Note | NSS | Ring, Retaining (Note: Use Item 50) | |
| 1J | 7017072 | 1 | Plug, Pipe (With O-Ring) | |
| 2 | 7000203 | 1 | Gear, Ring | |
| 3 | See Note | NSS | Carrier Assembly (Note: Not Available - Purchase Individual Components) | |
| 3A | 7017074 | 1 | Carrier | |
| 3B | 7001908 | 6 | Thrustwasher, Tanged | |
| 3C | 7007637 | 96 | Bearing, Needle | |
| 3D | 7000263 | 3 | Spacer, Thrust | |
| 3E | 7017073 | 3 | Shaft, Planet | |
| 3F | 7017075 | 3 | Gear, Planet | |
| 3G | 7001913 | 3 | Pin, Roll | |
| 4 | 7017023 | 1 | Plug, Pipe (With O-Ring) | |
| 5 | See Note | NSS | O-Ring (Special) (Note: Use Item 50) | |
| 5A | See Note | NSS | O-Ring (White) (Note: Use Item 50) | |
| 6 | 7017077 | 1 | Hub, Brake | |
| 8 | 7017079 | 1 | Brake, Input | |
| 8 | 7024199 | 1 | Friction Disc Kit | |
| 8 | 7024700 | 1 | Spring Kit | |
| 8 | 7024701 | 1 | Brake Seal Kit | |
| 9 | 7017076 | 1 | Gear, Sun | |
| 10 | 7017088 | 1 | Motor, Hydraulic (See Items 101-150 for Breakdown) | |
| 11 | See Note | NSS | Thrustwasher (Note: Use Item 50) | |
| 12 | See Note | NSS | Bolt (Note: Use Item 50) | |
| 13 | 7017082 | 1 | Plug, Pipe (With O-Ring) | |
| 14 | 7017080 | 4 | Pin, Dowel | |
| 15 | 7024136 | 4 | Bolt | |
| 17 | 7017085 | 1 | Elbow | |
| 18 | 7017083 | 2 | Nut, Tube | |
| 19 | 7017084 | 2 | Tube, Female | |
| 20 | 7017087 | 1 | Tubing | |
| 21 | 7017086 | 1 | Connector, Straight | |
| 24 | See Note | NSS | Plate, ID (Note: Not Available for Purchase) | |
| 25 | 7000281 | 2 | Screw, Drive | |
| 26 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 28 | 7017078 | 1 | Spacer, Input | |
| 29 | 7001926 | 2 | Plug, Pipe (With O-Ring) | |
| 31 | 4640741 | 1 | Valve, Motor Control | |
| 33 | See Note | NSS | Washer, Flat (Note: Use Item 50) | |
| 34 | 7024135 | 4 | Bolt | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 7024136 | 1 | Seal Kit (Includes Items 1B, 1I, 5, 5A, 11, 12, 15, 26 & 33) | |
| | 7017088 | Ref | HYDRAULIC MOTOR ASSEMBLY | B |
| 101 | 7024382 | 7 | Bolt | |
| 102 | 7004035 | 1 | Cover, End | |
| 103 | See Note | NSS | Seal, Commutator (Note: Use Item 150) | |
| 104 | See Note | NSS | Seal, Ring (Note: Use Item 150) | |
| 105 | 7024378 | 1 | Commutator and Ring Assembly | |
| 107 | 7024379 | 1 | Manifold | |
| 108 | 7024383 | 1 | Rotor Set | |
| 108 | See Note | NSS | Rotor (Note: Use p/n 7024383) | |
| 108 | See Note | NSS | Stator (Note: Use p/n 7024383) | |
| 108 | See Note | NSS | Vane (Note: Use p/n 7024383) | |
| 109 | 7024380 | 1 | Plate, Wear | |
| 110 | 7024384 | 1 | Link, Drive | |
| 112 | 7024386 | 1 | Shaft, Coupling | |
| 113 | 7024381 | 1 | Bushing, Bronze | |
| 114 | 7004043 | 2 | Thrustwasher | |
| 115 | 7004044 | 1 | Bearing, Thrust | |
| 116 | See Note | NSS | Seal, Inner (Note: Use Item 150) | |
| 117 | See Note | NSS | Washer, Back-up (Note: Use Item 150) | |
| 118 | 7024385 | 1 | Housing | |
| 118A | See Note | NSS | O-Ring (Note: Use Item 150) | |
| 121 | 7010795 | 2 | Plug | |
| 122 | 7024387 | 2 | O-Ring | |
| 123 | 7024388 | 2 | Spring | |
| 124 | 7017088 | 1 | Valve (Note: Not Available for Purchase) | |
| 125 | See Note | NSS | Washer, Back-up (Note: Use Item 150) | |
| 150 | 7024389 | 1 | Seal Kit (Includes Items 103, 104, 116, 117, 118A & 125) | |

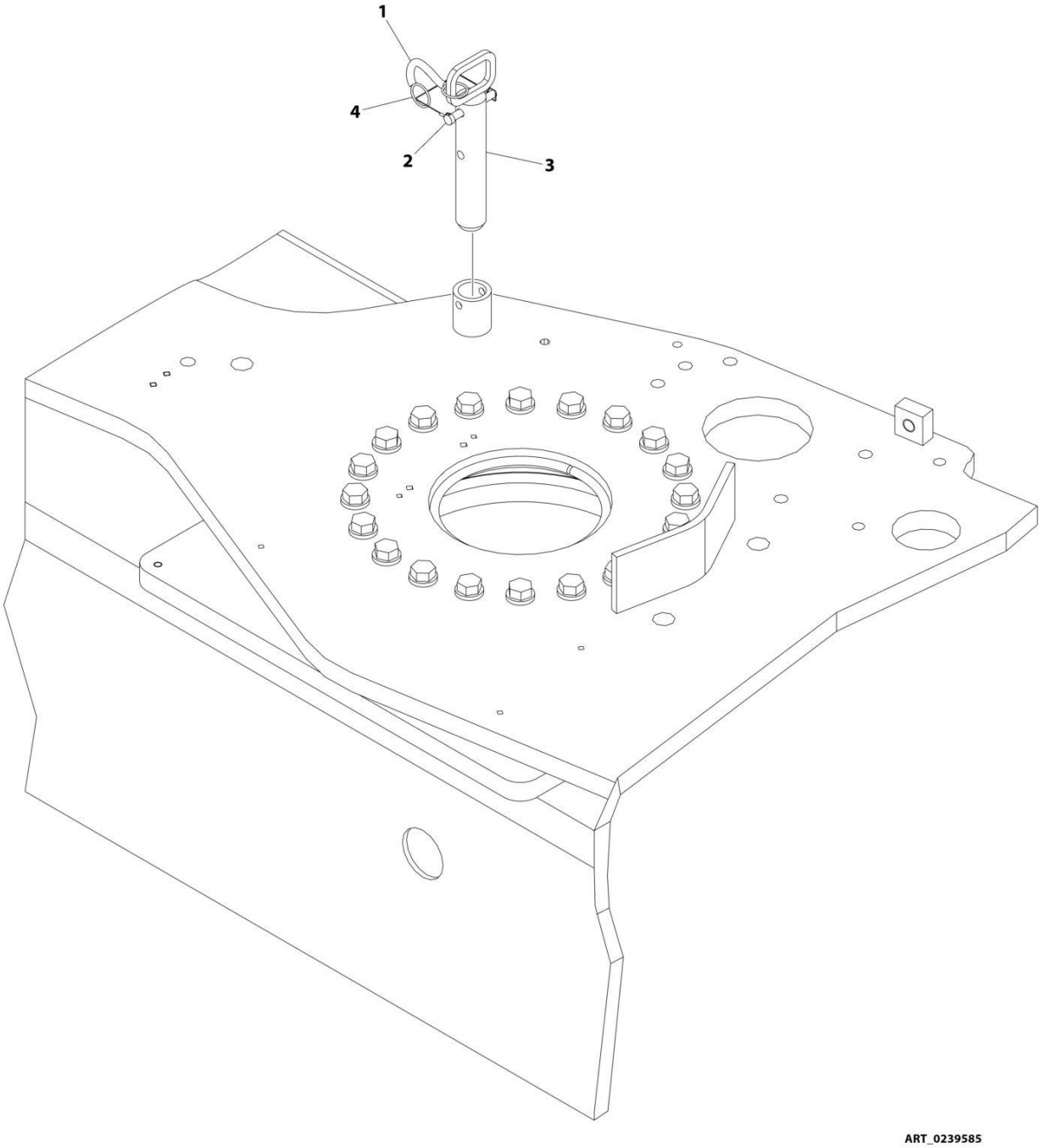
## FIGURE 2-6. TURNTABLE BEARING, STOP AND LUBE INSTALLATION



## FIGURE 2-6. TURNTABLE BEARING, STOP AND LUBE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001175087 | Ref | TURNTABLE BEARING, STOP AND LUBE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0259849 | 1 | Stop, Turntable | |
| 4 | 0440240 | 1 | Bearing, Turntable | |
| 5 | 0682026 | 40 | Bolt 5/8 x 3-1/4 Grade 8 | |
| 6 | 1320271 | 1 | Bar, Clamp | |
| 7 | 2160002 | 1 | Fitting, Grease | |
| 8 | 2180344 | 1 | Fitting, Bulkhead | |
| 9 | 2220063 | 1 | Fitting, Adapter | |
| 10 | 2220273 | 1 | Fitting, Reducer | |
| 11 | 2751095 | 1 | Hose | |
| 12 | 3340860 | 2 | Pad, Rubber | |
| 13 | 3441260 | 2 | Rollpin | |
| 14 | 3900262 | 2 | Capscrew 3/8 x 4-3/4 | |
| 15 | 3900284 | 1 | Screw, Shoulder | |
| 16 | 4071010 | 1 | Shim | |
| 17 | 4711600 | 2 | Washer 3/8 | |
| 18 | 4892000 | 40 | Washer 5/8 | |
| 19 | 1001175088 | 1 | Clamp, Hose Protector | |

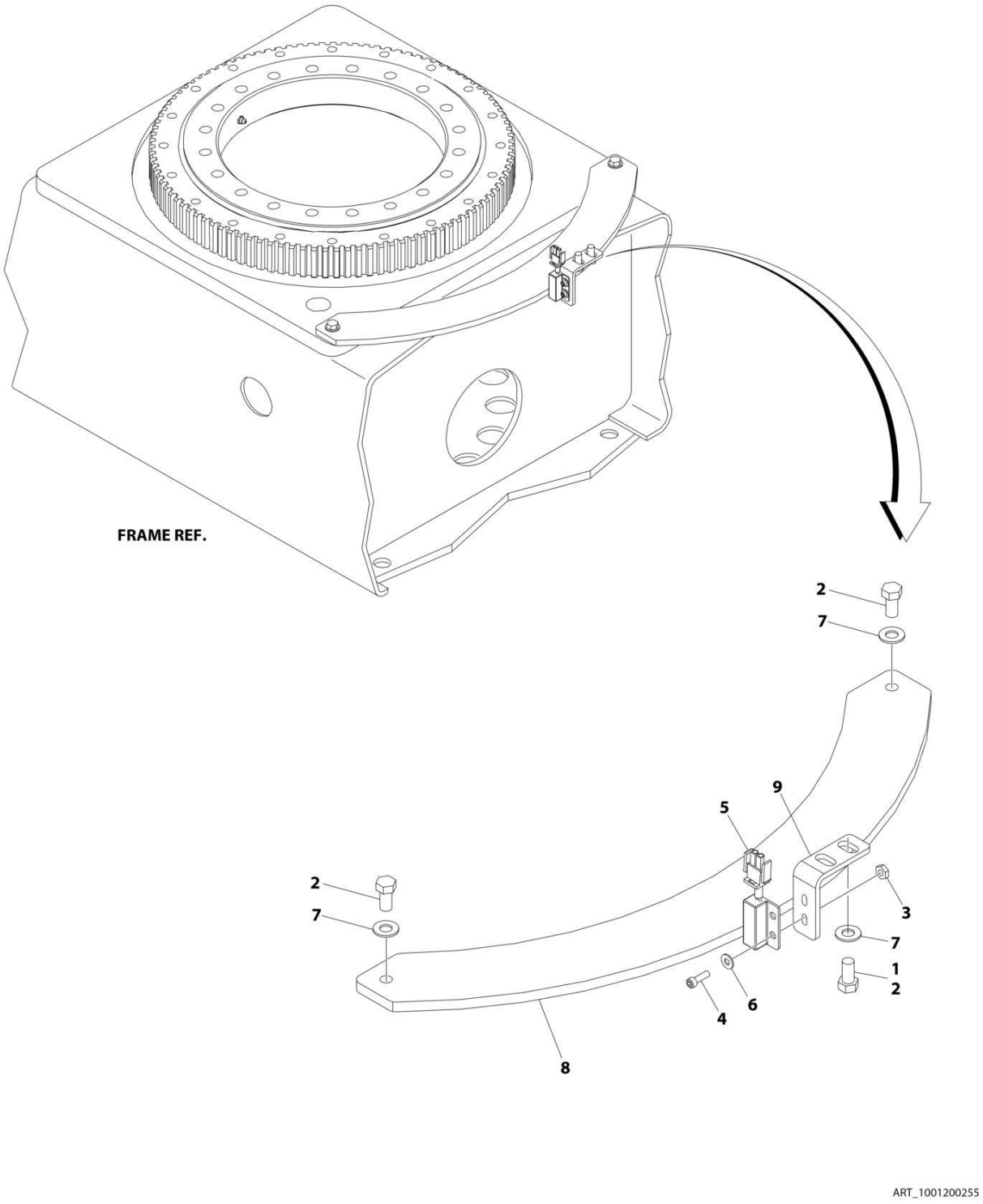
**FIGURE 2-7. TURNTABLE LOCK INSTALLATION**



## FIGURE 2-7. TURNTABLE LOCK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0239585 | Ref | TURNTABLE LOCK INSTALLATION | D |
| 1 | 1260017 | 9 in/23cm | Chain | |
| 2 | 3421565 | 1 | Pin, Snap | |
| 3 | 1001169582 | 1 | Pin, Lock | |
| 4 | 3760170 | 2 | Ring, Quick Release | |

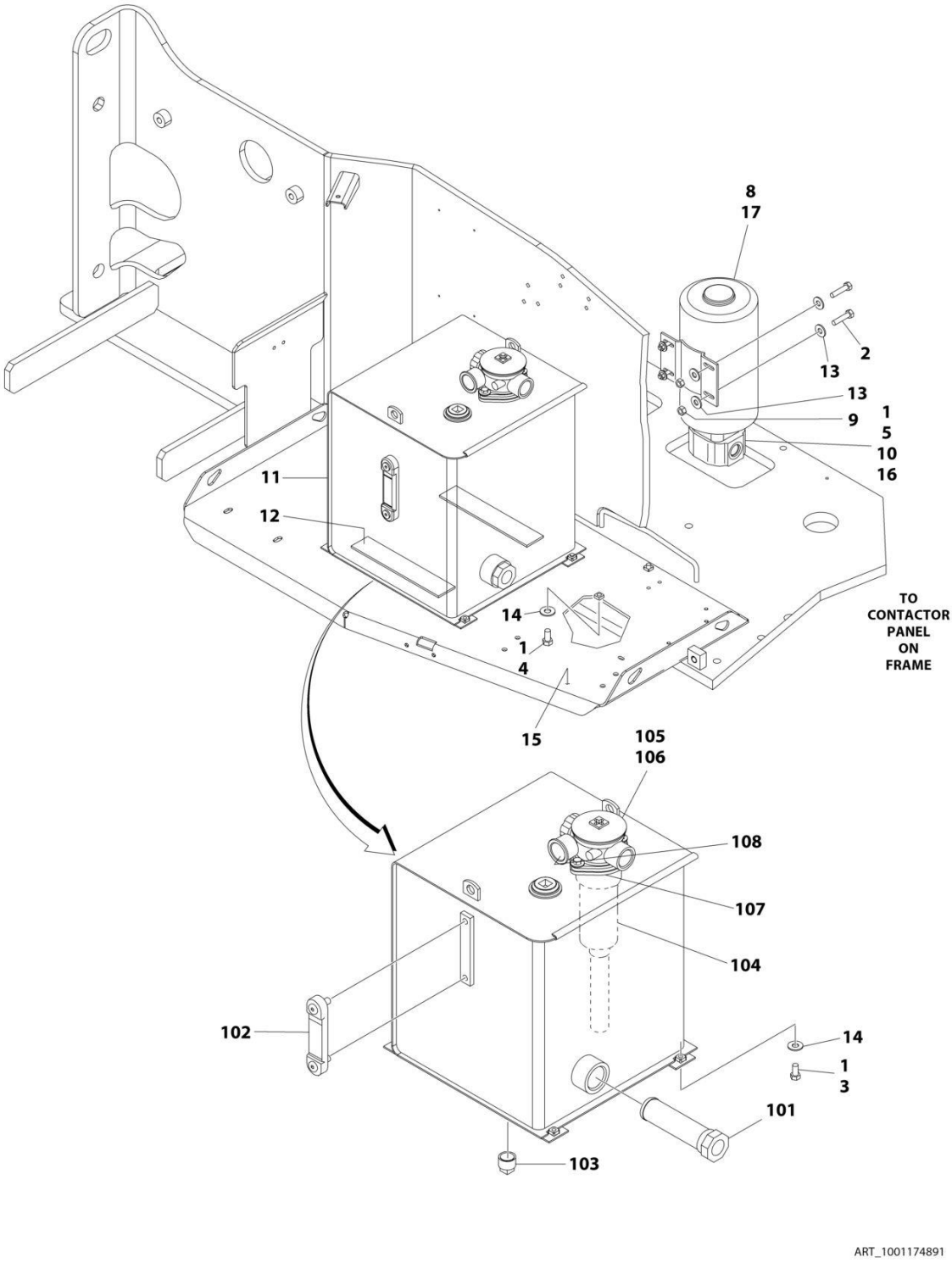
## FIGURE 2-8. DRIVE ORIENTATION INSTALLATION



## FIGURE 2-8. DRIVE ORIENTATION INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200255 | Ref | DRIVE ORIENTATION INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 3 | 3311005 | 2 | Nut #10 | |
| 4 | 3931010 | 2 | Capscrew #10 x 5/8 | |
| 5 | 4360517 | 1 | Switch, Proximity | |
| 6 | 4711000 | 2 | Washer #10 | |
| 7 | 4711600 | 4 | Washer 3/8 | |
| 8 | 1001116031 | 1 | Cam | |
| 9 | 1001116106 | 1 | Bracket, Switch Mounting | |

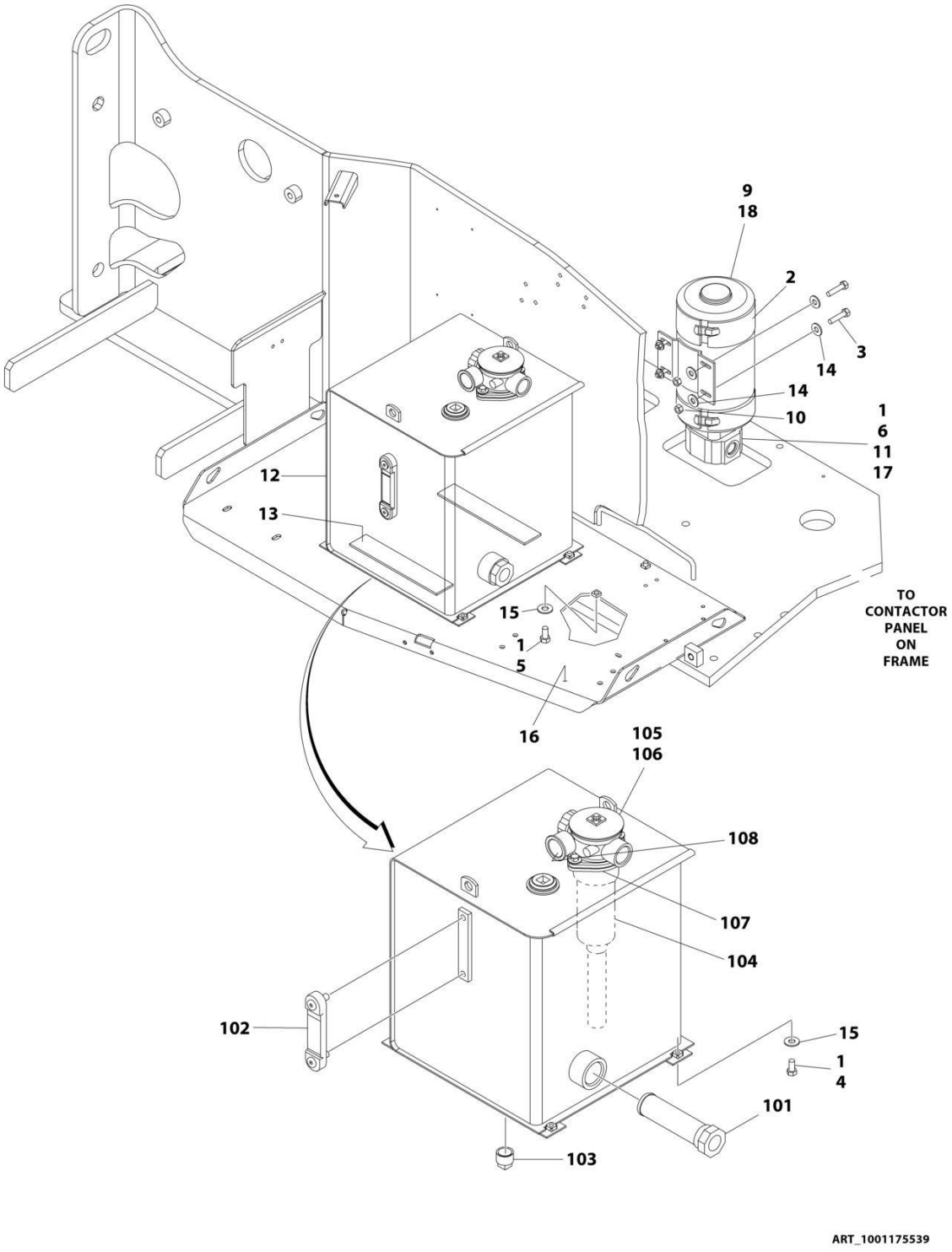
## FIGURE 2-9. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (NON-UL SPECS)



## FIGURE 2-9. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (NON-UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174891 | Ref | HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641511 | 4 | Bolt 5/16 x 1-3/8 | |
| 3 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 4 | 0641614 | 7 | Bolt 3/8 x 1-3/4 | |
| 5 | 0700812 | 2 | Bolt M8 x 25 | |
| 8 | 3160252 | 1 | Electricity Motor Assembly (See Separate Breakdown in this Section) | |
| 9 | 3311505 | 4 | Nut 5/16 | |
| 10 | 3600310 | 1 | Pump Assembly (Note: Seal Kit is the only available replacement part) | |
| 10 | 7024056 | 1 | Seal Kit - 3600310 Pump | |
| 11 | 4400455 | 1 | Tank Assembly - Hydraulic (See Items 101-108 for Breakdown) | |
| 12 | 4420038 | 30 in /76cm | Tape, Rubber | |
| 13 | 4751500 | 8 | Washer 5/16 | |
| 14 | 4751600 | 11 | Washer 3/8 | |
| 15 | 4846178 | 1 | Tray | |
| 16 | 4891500 | 2 | Washer 5/16 | |
| 17 | 3020037 | AR | Grease, Coupling | |
| | 4400455 | Ref | HYDRAULIC TANK ASSEMBLY | E |
| 101 | 7026121 | 1 | Strainer, Suction | |
| 102 | 7024441 | 1 | Gauge, Level Indicator | |
| 103 | 7024446 | 1 | Plug, Magnetic | |
| 104 | 7023268 | 1 | Filter with Pressure Switch | |
| 104 | 7023224 | 1 | Element, Filter | |
| 105 | 7023268 | 1 | Breather with Pressure Switch | |
| 105 | 7023269 | 1 | Element, Breather | |
| 106 | 7023306 | 1 | Seal, Cover Plate | |
| 107 | 7023347 | 1 | Gasket | |
| 108 | 7023270 | 1 | Gauge, Indicator | |

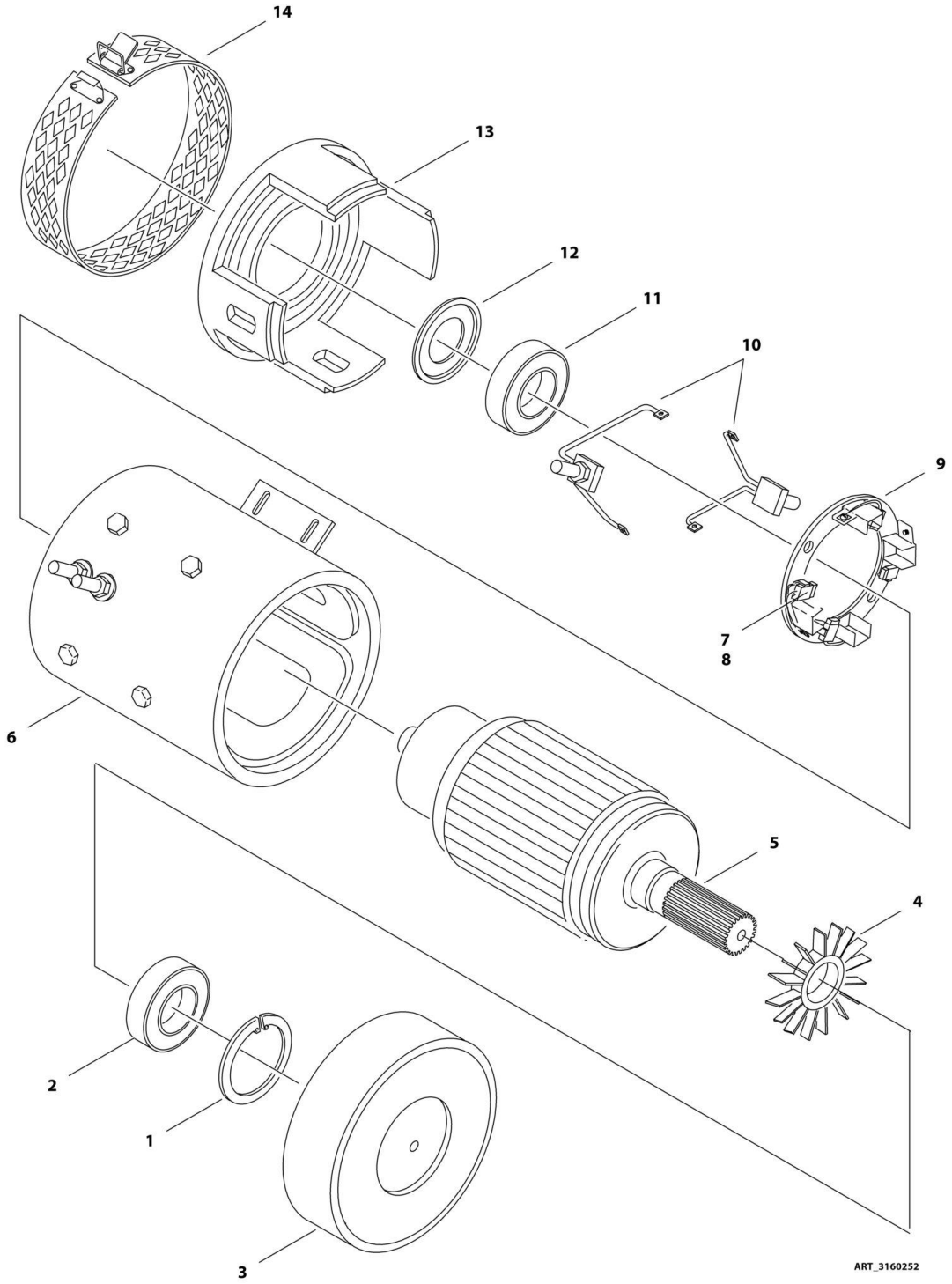
## FIGURE 2-10. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)



## FIGURE 2-10. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001175539 | Ref | HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS) | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0340049 | 1 | Pump Motor Band Kit | |
| 3 | 0641511 | 4 | Bolt 5/16 x 1-3/8 | |
| 4 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 5 | 0641614 | 7 | Bolt 3/8 x 1-3/4 | |
| 6 | 0700812 | 2 | Bolt M8 x 25 | |
| 9 | 3160252 | 1 | Electricity Motor Assembly (See Separate Breakdown in this Section) | |
| 10 | 3311505 | 4 | Nut 5/16 | |
| 11 | 3600310 | 1 | Pump Assembly (Note: Seal Kit is only available service part) | |
| 11 | 7024056 | 1 | Seal Kit - 3600310 Pump | |
| 12 | 4400455 | 1 | Tank Assembly - Hydraulic (See Items 101-108 for Breakdown) | |
| 13 | 4420038 | 30 in /76cm | Tape, Rubber | |
| 14 | 4751500 | 8 | Washer 5/16 | |
| 15 | 4751600 | 11 | Washer 3/8 | |
| 16 | 4846178 | 1 | Tray Weldment | |
| 17 | 4891500 | 2 | Washer 5/16 | |
| 18 | 3020037 | AR | Grease, Coupling | |
| | 4400455 | Ref | HYDRAULIC TANK ASSEMBLY | E |
| 101 | 7026121 | 1 | Strainer, Suction | |
| 102 | 7024441 | 1 | Gauge, Level Indicator | |
| 103 | 7024446 | 1 | Plug, Magnetic | |
| 104 | 7023268 | 1 | Filter with Pressure Switch | |
| 104 | 7023224 | 1 | Element, Filter | |
| 105 | 7023268 | 1 | Breather with Pressure Switch | |
| 105 | 7023269 | 1 | Element, Breather | |
| 106 | 7023306 | 1 | Seal, Cover Plate | |
| 107 | 7023347 | 1 | Gasket | |
| 108 | 7023270 | 1 | Gauge, Indicator | |

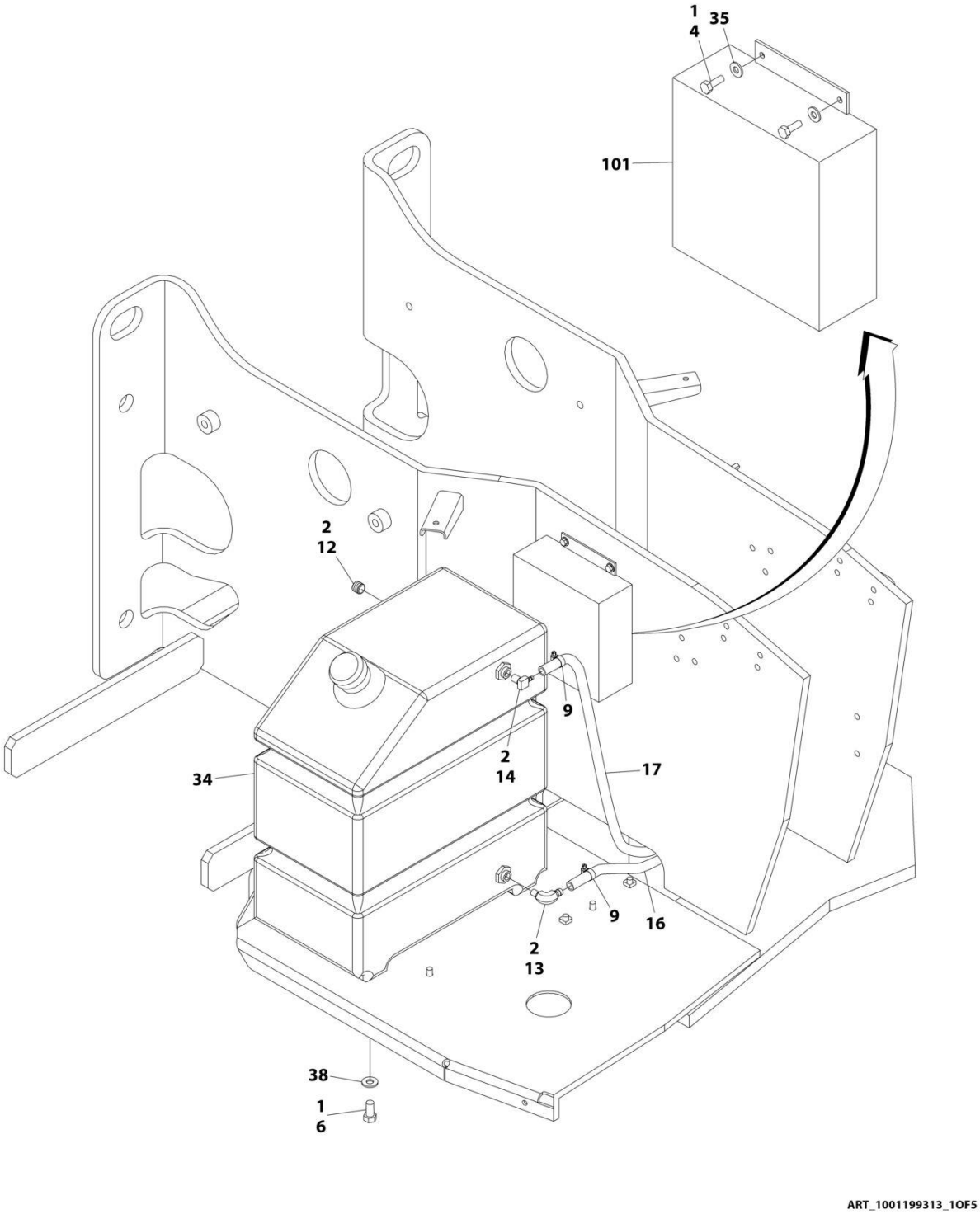
## FIGURE 2-11. ELECTRIC MOTOR ASSEMBLY



## FIGURE 2-11. ELECTRIC MOTOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 3160252 | Ref | MOTOR ASSEMBLY | C |
| 1 | 7020291 | 1 | Ring, Retaining | |
| 2 | 7020292 | 1 | Bearing (Shaft End) | |
| 3 | 7020293 | 1 | Endhead, Shaft | |
| 4 | 7020294 | 1 | Fan | |
| 5 | 7020295 | 1 | Armature Assembly | |
| 6 | 7020296 | 1 | Field Coil/Case Kit | |
| 7 | 7012548 | 8 | Spring, Brush | |
| 8 | 7020297 | 8 | Brush | |
| 9 | 7020298 | 1 | Box Assembly - Brush | |
| 10 | 7020299 | 1 | Lead Kit, Brush Wire | |
| 11 | 7012545 | 1 | Bearing (Commutator End) | |
| 12 | 7012549 | 1 | Washer | |
| 13 | 7023200 | 1 | Endhead, Commutator | |
| 14 | 7023272 | 1 | Headband Assembly | |

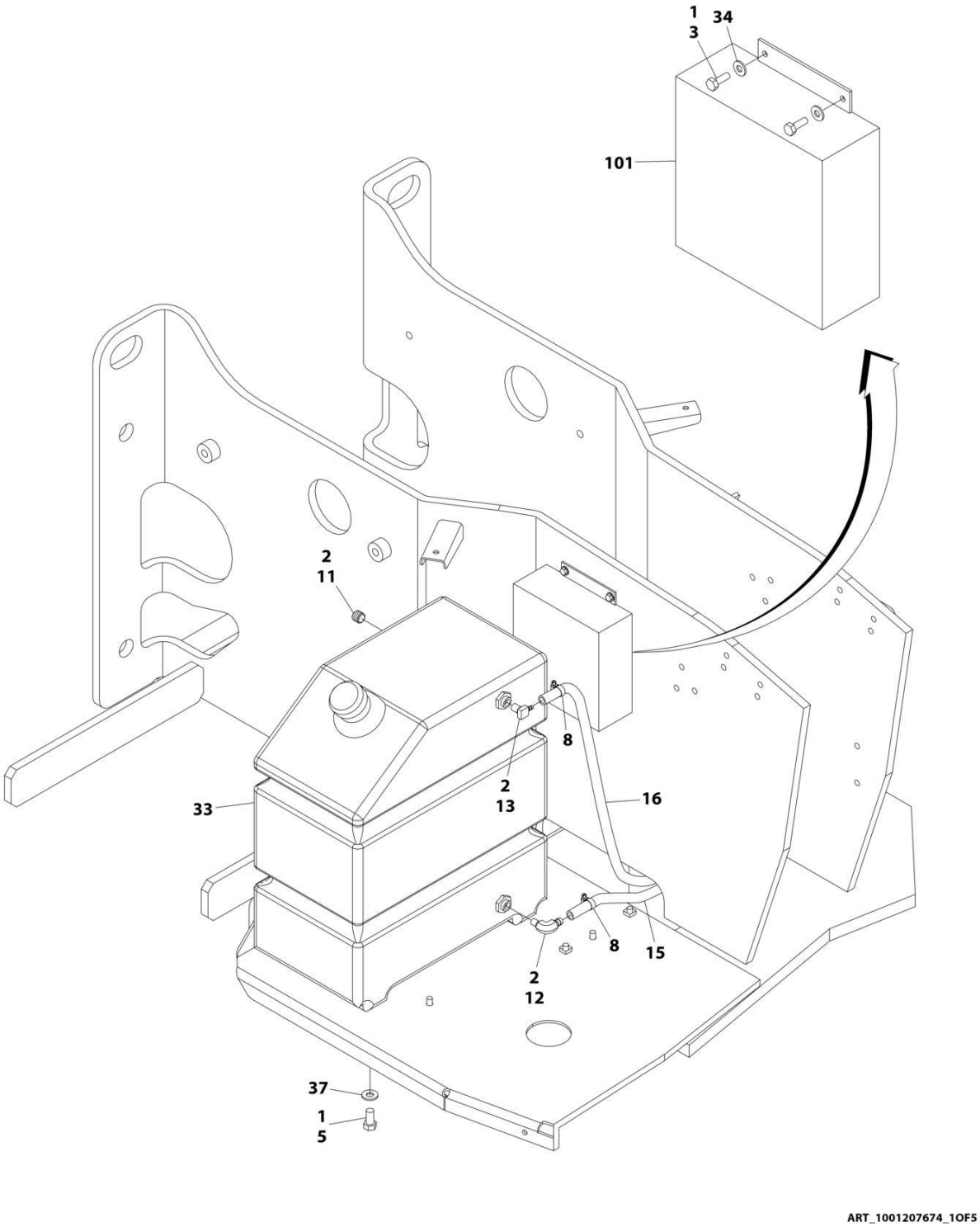
## FIGURE 2-12. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH STANDARD BATTERIES (H600SJ & H600SJP)



## FIGURE 2-12. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH STANDARD BATTERIES (H600SJ & H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199313 | Ref | FUEL TANK AND MODULE INSTALLATION | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 6 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 9 | 1320022 | 2 | Clamp, Hose | |
| 12 | 2200222 | 2 | Plug, Pipe | |
| 13 | 2221046 | 1 | Fitting, Elbow Barbed | |
| 14 | 2221047 | 1 | Fitting, Elbow Barbed | |
| 16 | 2720058 | AR | Hose, Fuel Line | |
| 17 | 2720271 | AR | Hose, Fuel Line | |
| 34 | 4400430 | 1 | Tank, Fuel | |
| 201 | 7020257 | 1 | Non-Locking Cap | |
| 201 | 7016649 | 1 | Seal, Cap | |
| 35 | 4711400 | 4 | Washer 1/4 | |
| 38 | 4751600 | 4 | Washer 3/8 | |
| 101 | 70000326 | 1 | Module, Contactor (Kubota Engine) | |
| 101 | 70000328 | 1 | Harness, Module (Not Shown) | |

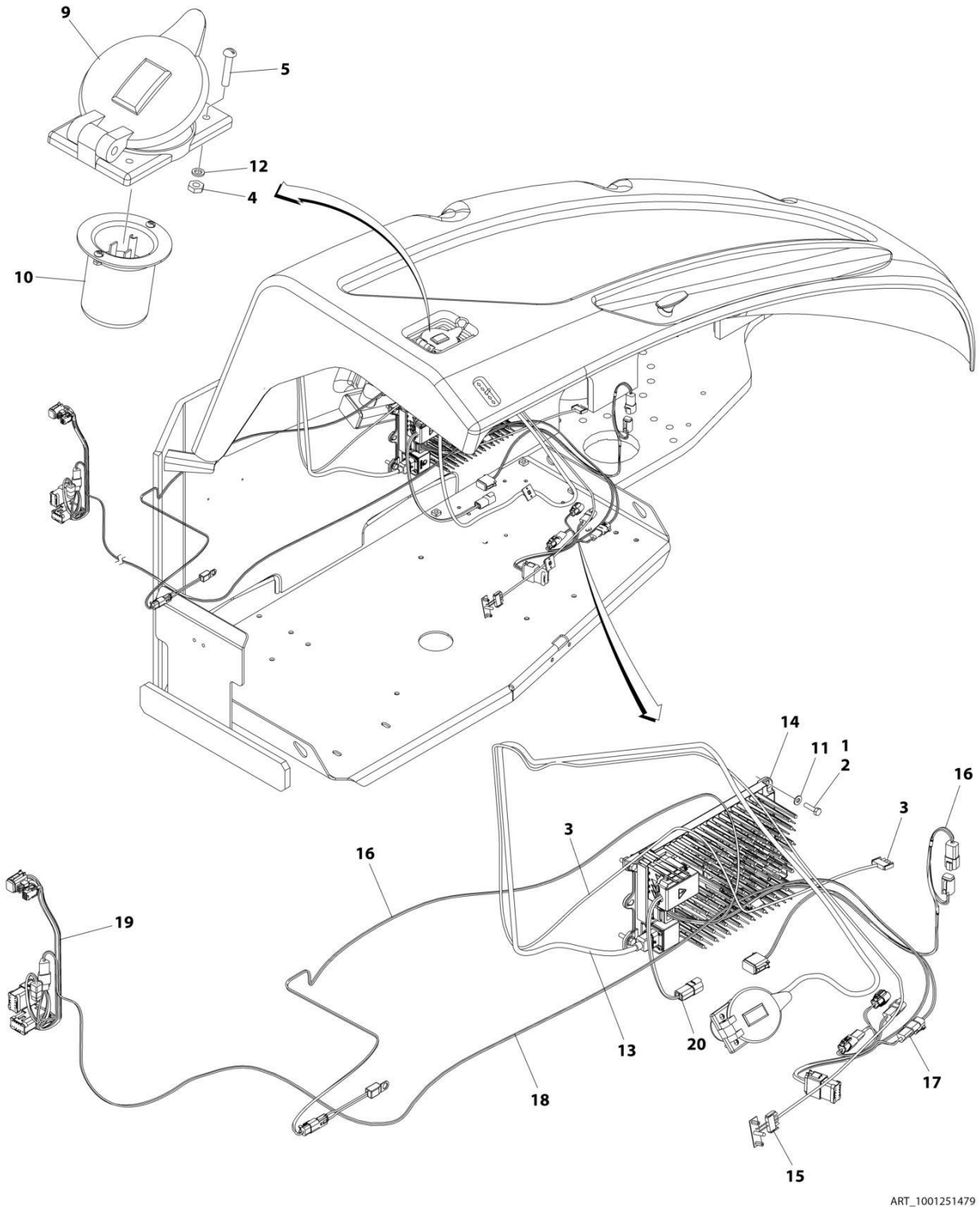
## FIGURE 2-13. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH AGM BATTERIES (H600SJ & H600SJP)



## FIGURE 2-13. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH AGM BATTERIES (H600SJ & H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207674 | Ref | FUEL TANK AND MODULE INSTALLATION - WITH AGM BATTERIES | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 5 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 8 | 1320022 | 2 | Clamp, Hose | |
| 11 | 2200222 | 2 | Plug, Pipe | |
| 12 | 2221046 | 1 | Fitting, Elbow Barbed | |
| 13 | 2221047 | 1 | Fitting, Elbow Barbed | |
| 15 | 2720058 | AR | Hose, Fuel Line | |
| 16 | 2720271 | AR | Hose, Fuel Line | |
| 33 | 4400430 | 1 | Tank, Fuel | |
| 33 | 7020257 | 1 | Non-Locking Cap (Supplied with Tank) | |
| 33 | 7016649 | 1 | Seal, Cap | |
| 34 | 4711400 | 4 | Washer 1/4 | |
| 37 | 4751600 | 4 | Washer 3/8 | |
| 101 | 70000326 | 1 | Module, Contactor (Kubota Engine) | |
| 101 | 70000328 | 1 | Module Harness (Not Shown) | |

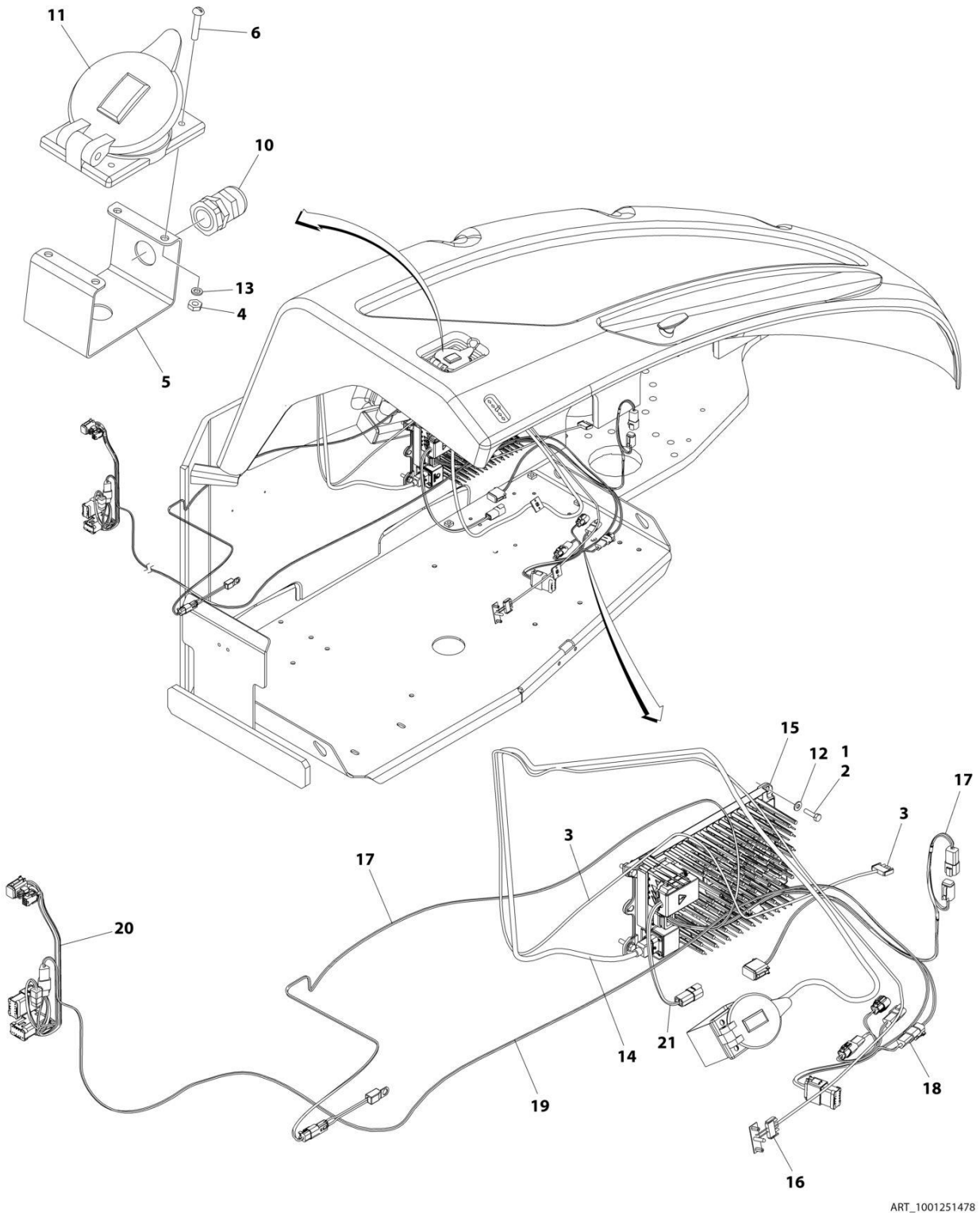
## FIGURE 2-14. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



## FIGURE 2-14. BATTERY CHARGER INSTALLATION - 110V/60HZ (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251479 | Ref | BATTERY CHARGER INSTALLATION - 110V/60HZ | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641408 | 4 | Bolt 1/4 x 1 | |
| 3 | 1060813 | 1 | Cable, LED (See Separate Breakdown in ELECTRICAL Section) | |
| 4 | 3311001 | 4 | Nut #10 | |
| 5 | 3911016 | 4 | Screw #10 x 1 | |
| 6 | 4240032 | 2 | Tie-Strap (Not Shown) | |
| 7 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 8 | 4460234 | 2 | Mount, Tie-Strap (Not Shown) | |
| 9 | 4460802 | 1 | Cover, Terminal | |
| 10 | 4460803 | 1 | Terminal, Plug | |
| 11 | 4711400 | 4 | Washer 1/4 | |
| 12 | 4761000 | 4 | Washer #10 | |
| 13 | 1001126185 | 1 | AC Cord Cable | |
| 14 | 1001251382 | 1 | Charger | |
| 15 | 1001259489 | 1 | Lamp, Battery Charger | |
| 16 | 1001259502 | 1 | Harness, Charger (See Separate Breakdown in ELECTRICAL Section) | |
| 17 | 1001259541 | 1 | Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section) | |
| 18 | 1001259548 | 1 | Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section) | |
| 19 | 1001259560 | 1 | Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section) | |
| 20 | 1001260408 | 1 | Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section) | |

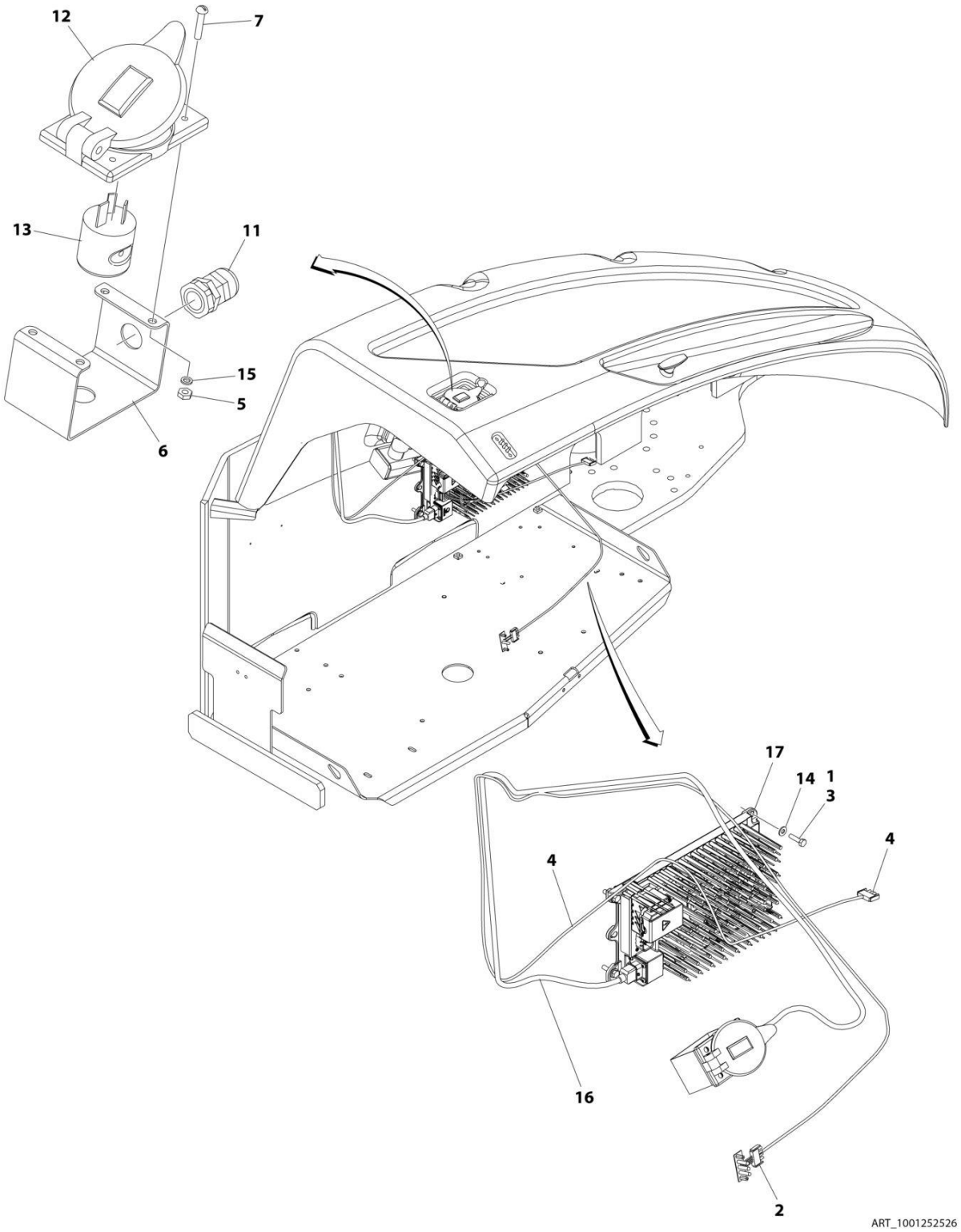
## FIGURE 2-15. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ANSI, ANSI EXPORT, CSA AND CHINA SPECS)



## FIGURE 2-15. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ (ANSI, ANSI EXPORT, CSA AND CHINA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251478 | Ref | BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641408 | 4 | Bolt 1/4 x 1 | |
| 3 | 1060813 | 1 | Cable, LED (See Separate Breakdown in ELECTRICAL Section) | |
| 4 | 3311001 | 4 | Nut #10 | |
| 5 | 3571584 | 1 | Plate, Mounting | |
| 6 | 3911016 | 4 | Screw #10 x 1 | |
| 7 | 4240032 | 2 | Tie-Strap (Not Shown) | |
| 8 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 9 | 4460234 | 2 | Mount, Tie-Strap (Not Shown) | |
| 10 | 4460428 | 1 | Connector, Strain Relief | |
| 11 | 4460802 | 1 | Cover, Terminal | |
| 12 | 4711400 | 4 | Washer 1/4 | |
| 13 | 4761000 | 4 | Washer #10 | |
| 14 | 1001126185 | 1 | AC Cord Cable | |
| 15 | 1001251382 | 1 | Charger | |
| 16 | 1001259489 | 1 | Lamp, Battery Charger LED | |
| 17 | 1001259502 | 1 | Harness, Charger (See Separate Breakdown in ELECTRICAL Section) | |
| 18 | 1001259541 | 1 | Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section) | |
| 19 | 1001259548 | 1 | Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section) | |
| 20 | 1001259560 | 1 | Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section) | |
| 21 | 1001260408 | 1 | Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section) | |

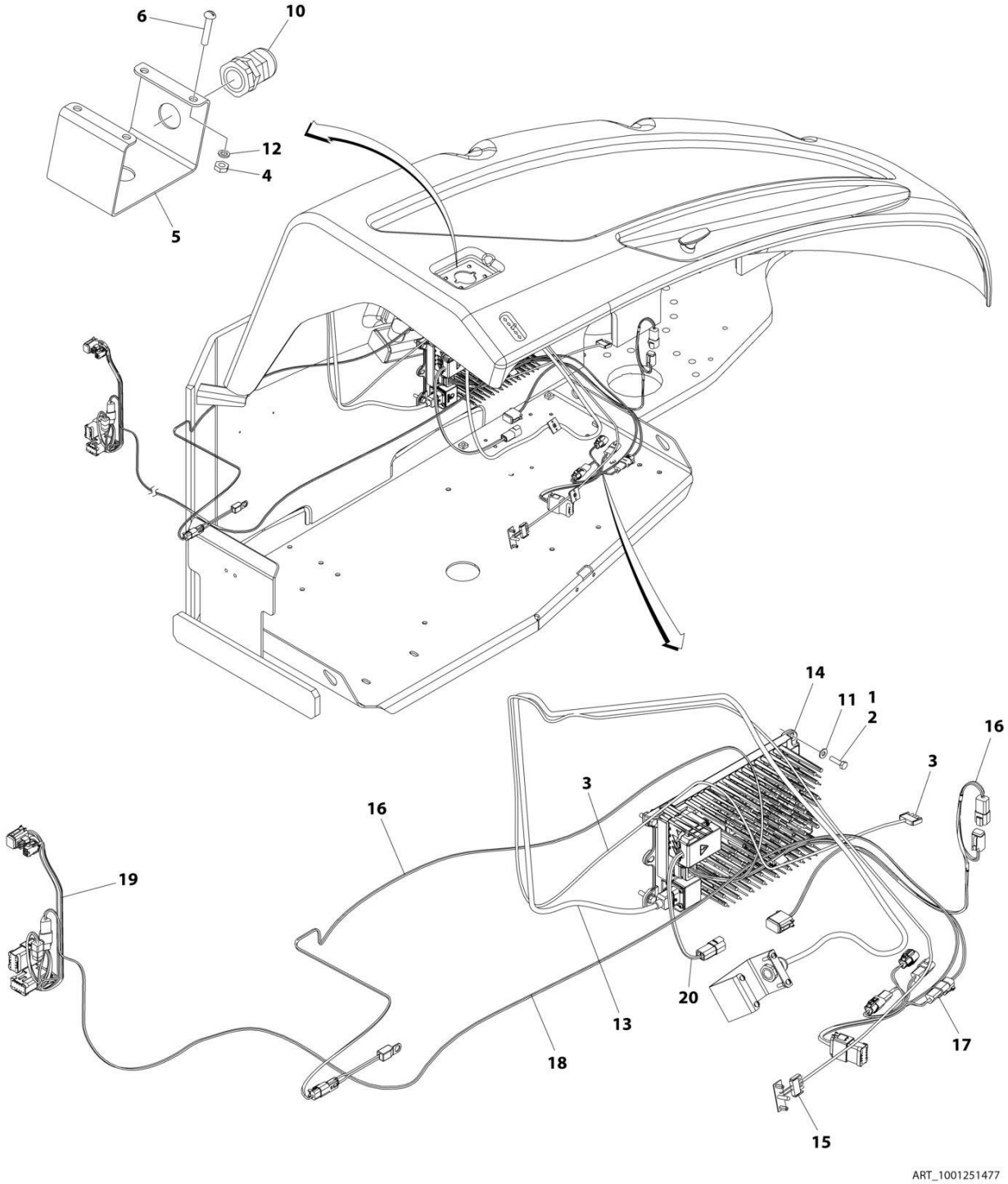
## FIGURE 2-16. BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS)



## FIGURE 2-16. BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ (ALL SPECS EXCEPT UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001252526 | Ref | BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0610131 | 1 | Lamp, Battery Charger | |
| 3 | 0641408 | 4 | Bolt 1/4 x 1 | |
| 4 | 1060813 | 1 | Cable, LED (See Separate Breakdown in ELECTRICAL Section) | |
| 5 | 3311001 | 4 | Nut #10 | |
| 6 | 3571584 | 1 | Plate, Mounting | |
| 7 | 3911016 | 4 | Screw #10 x 1 | |
| 8 | 4240032 | 2 | Tie-Strap (Not Shown) | |
| 9 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 10 | 4460234 | 2 | Mount, Tie-Strap (Not Shown) | |
| 11 | 4460428 | 1 | Connector, Strain Relief | |
| 12 | 4460802 | 1 | Cover, Terminal | |
| 13 | 4460805 | 1 | Terminal, Plug | |
| 14 | 4711400 | 4 | Washer 1/4 | |
| 15 | 4761000 | 4 | Washer #10 | |
| 16 | 1001207974 | 1 | AC Cord Cable | |
| 17 | 1001251382 | 1 | Charger | |

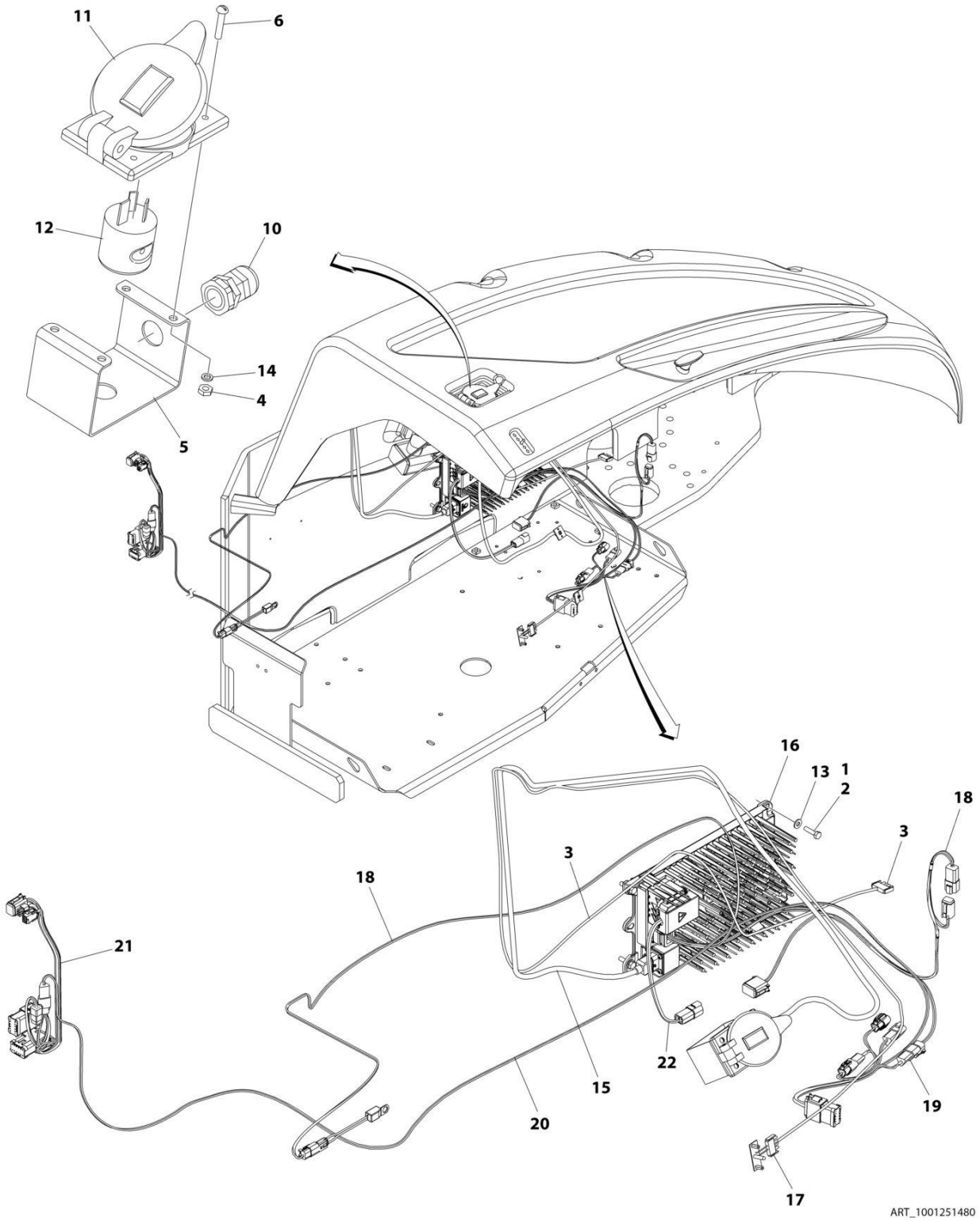
## FIGURE 2-17. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE & UK CA SPECS)



## FIGURE 2-17. BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251477 | Ref | BATTERY CHARGER INSTALLATION - 120-240V/50-60HZ | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641408 | 4 | Bolt 1/4 x 1 | |
| 3 | 1060813 | 1 | Cable, LED (See Separate Breakdown in ELECTRICAL Section) | |
| 4 | 3311001 | 4 | Nut #10 | |
| 5 | 3571584 | 1 | Plate, Mounting | |
| 6 | 3911016 | 4 | Screw #10 x 1 | |
| 7 | 4240032 | 2 | Tie-Strap (Not Shown) | |
| 8 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 9 | 4460234 | 2 | Mount, Tie-Strap (Not Shown) | |
| 10 | 4460428 | 1 | Connector, Strain Relief | |
| 11 | 4711400 | 4 | Washer 1/4 | |
| 12 | 4761000 | 4 | Washer #10 | |
| 13 | 1001126185 | 1 | AC Cord Cable | |
| 14 | 1001251382 | 1 | Charger | |
| 15 | 1001259489 | 1 | Lamp, Battery Charger LED | |
| 16 | 1001259502 | 1 | Harness, Charger (See Separate Breakdown in ELECTRICAL Section) | |
| 17 | 1001259541 | 1 | Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section) | |
| 18 | 1001259548 | 1 | Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section) | |
| 19 | 1001259560 | 1 | Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section) | |
| 20 | 1001260408 | 1 | Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section) | |

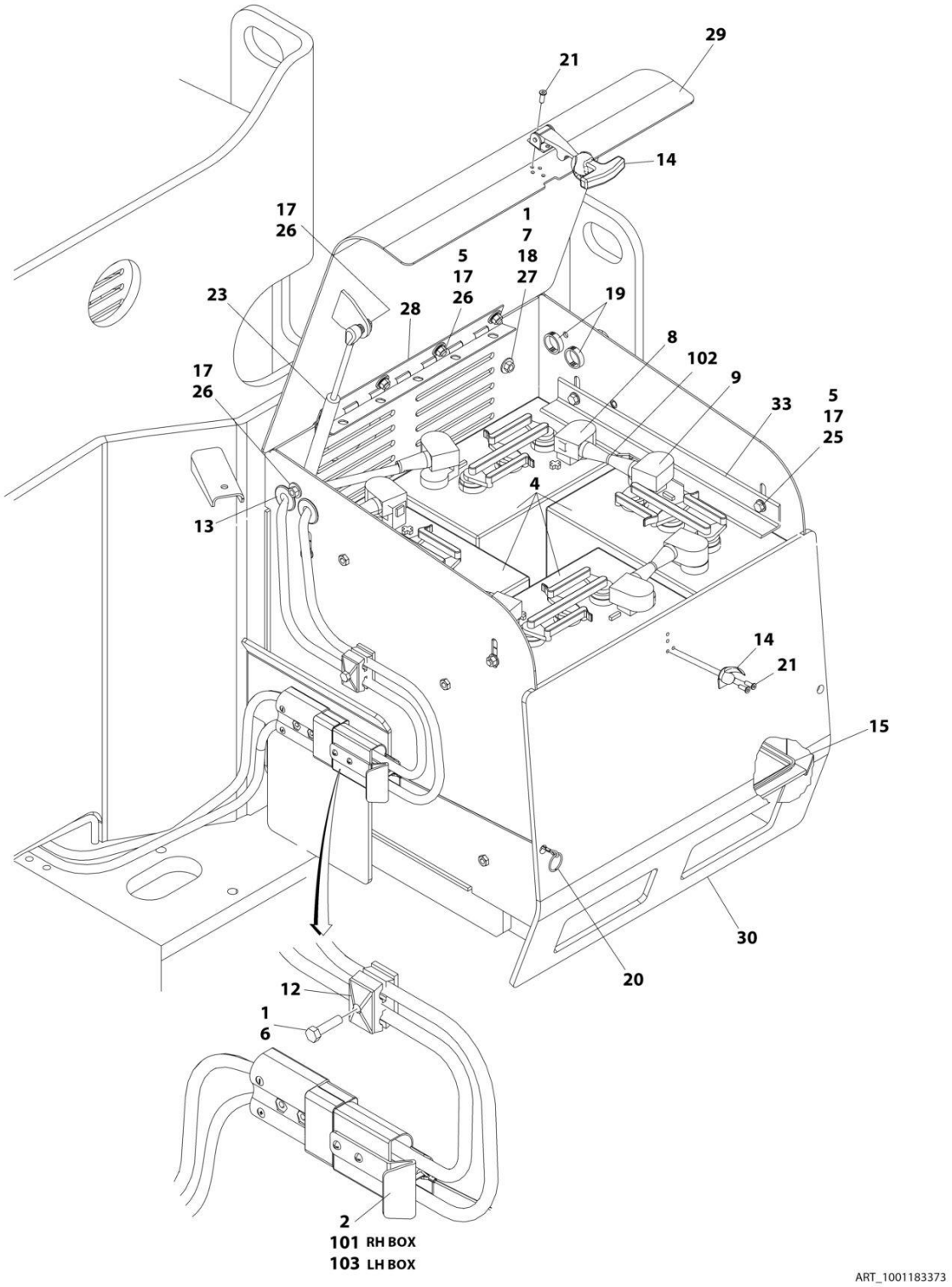
## FIGURE 2-18. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS)



## FIGURE 2-18. BATTERY CHARGER INSTALLATION - 250V/50HZ (ANSI EXPORT, AUSTRALIAN AND CHINA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251480 | Ref | BATTERY CHARGER INSTALLATION - 250V/50HZ | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641408 | 4 | Bolt 1/4 x 1 | |
| 3 | 1060813 | 1 | Cable, LED (See Separate Breakdown in ELECTRICAL Section) | |
| 4 | 3311001 | 4 | Nut #10 | |
| 5 | 3571584 | 1 | Plate, Mounting | |
| 6 | 3911016 | 4 | Screw #10 x 1 | |
| 7 | 4240032 | 2 | Tie-Strap (Not Shown) | |
| 8 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 9 | 4460234 | 2 | Mount, Tie-Strap (Not Shown) | |
| 10 | 4460428 | 1 | Connector, Strain Relief | |
| 11 | 4460802 | 1 | Cover, Terminal | |
| 12 | 4460805 | 1 | Terminal, Plug | |
| 13 | 4711400 | 4 | Washer 1/4 | |
| 14 | 4761000 | 4 | Washer #10 | |
| 15 | 1001126185 | 1 | AC Cord Cable | |
| 16 | 1001251382 | 1 | Charger | |
| 17 | 1001259489 | 1 | Lamp, Battery Charger | |
| 18 | 1001259502 | 1 | Harness, Charger (See Separate Breakdown in ELECTRICAL Section) | |
| 19 | 1001259541 | 1 | Harness, Eboom Can Splice (See Separate Breakdown in ELECTRICAL Section) | |
| 20 | 1001259548 | 1 | Harness, Can Jumper (See Separate Breakdown in ELECTRICAL Section) | |
| 21 | 1001259560 | 1 | Harness, Central Panel Can Buss (See Separate Breakdown in ELECTRICAL Section) | |
| 22 | 1001260408 | 1 | Harness, Charger DC connection (See Separate Breakdown in ELECTRICAL Section) | |

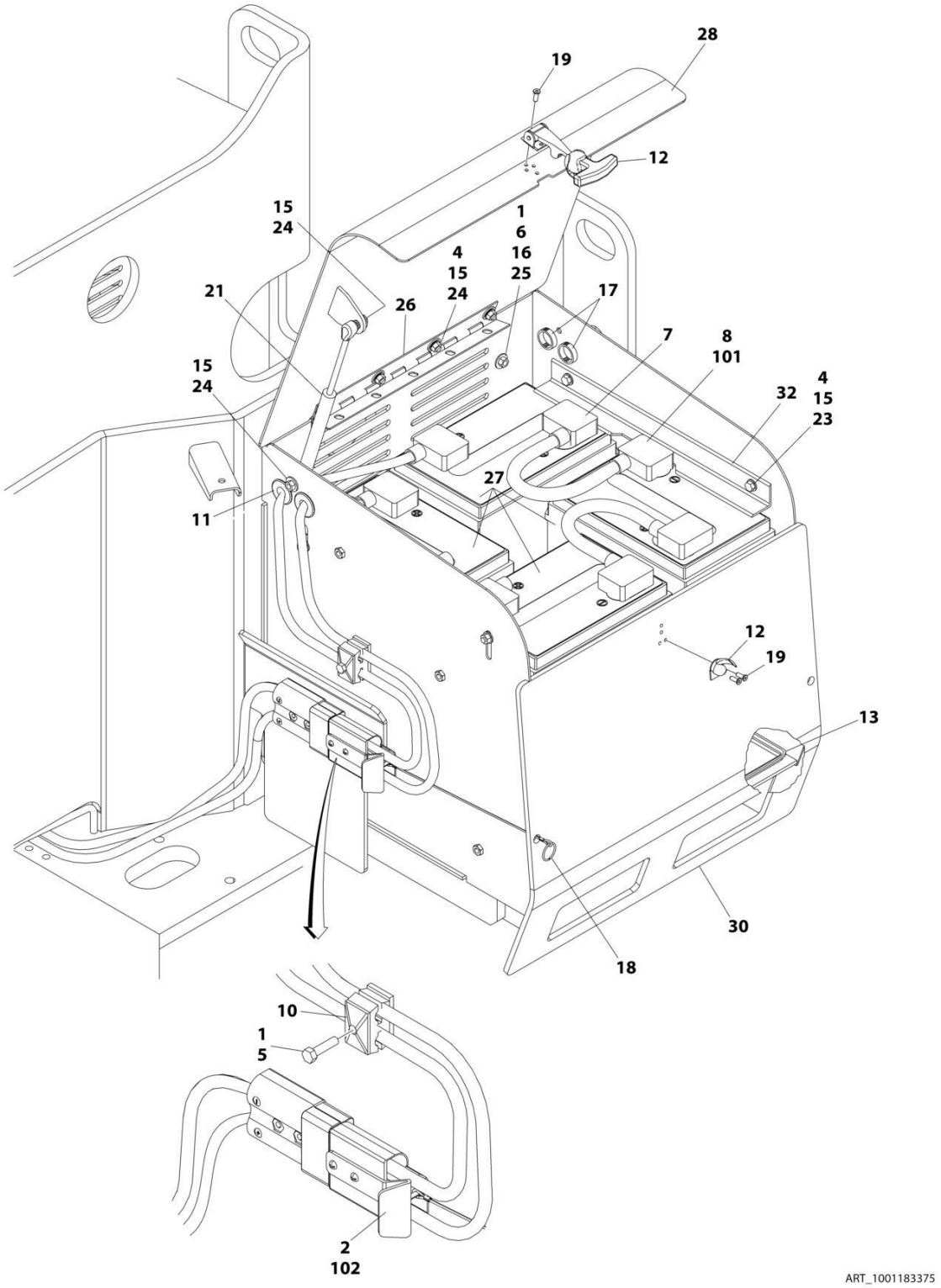
## FIGURE 2-19. BATTERY BOX INSTALLATION - STANDARD BATTERIES



## FIGURE 2-19. BATTERY BOX INSTALLATION - STANDARD BATTERIES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183373 | Ref | BATTERY BOX INSTALLATION - STANDARD BATTERIES | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0400202 | 8 | Battery | |
| 5 | 0641506 | 26 | Bolt 5/16 x 3/4 | |
| 6 | 0641510 | 2 | Bolt 5/16 x 1-1/4 | |
| 7 | 0641820 | 4 | Bolt 1/2 x 2-1/2 | |
| 8 | 0840031 | 8 | Boot, Terminal (d Shaped) | |
| 9 | 0840032 | 8 | Boot, Terminal (b Shaped) | |
| 12 | 1320159 | 2 | Clamp | |
| 13 | 2540020 | 4 | Grommet | |
| 14 | 2940095 | 2 | Latch | |
| 15 | 3000014 | 2 | Liner, Battery Box | |
| 17 | 3311505 | 30 | Nut 5/16 | |
| 18 | 3311801 | 4 | Nut 1/2 | |
| 19 | 3520031 | 4 | Plug, Hole | |
| 20 | 3760170 | 2 | Ring, Split | |
| 21 | 3820017 | 8 | Rivet | |
| 23 | 1001233560 | 2 | Spring, Gas | |
| 25 | 4711500 | 16 | Washer 5/16 | |
| 26 | 4751500 | 40 | Washer 5/16 | |
| 27 | 4751800 | 8 | Washer 1/2 | |
| 28 | 1001096148 | 2 | Hinge | |
| 29 | 1001172260 | 2 | Lid, Battery Box | |
| 30 | 1001172876 | 2 | Box, Battery | |
| 31 | 1001176711 | 1 | Sensor, Temperature (Not Shown - Located in LH Side Battery Box) | |
| 33 | 1001179842 | 4 | Angle, Hold-Down | |
| 100 | 1001205056 | 1 | Battery Cable Kit (Includes Items 101-103) | |
| 101 | 1060803 | 1 | Cable Assembly - Battery Box Internal (RH Side) (See Separate Breakdown in ELECTRICAL Section) | |
| 102 | 1060848 | 6 | Cable, Battery (Terminal to Terminal) | |
| 103 | 1001194037 | 1 | Cable Assembly - Battery Box Internal (LH Side) (See Separate Breakdown in ELECTRICAL Section) | |

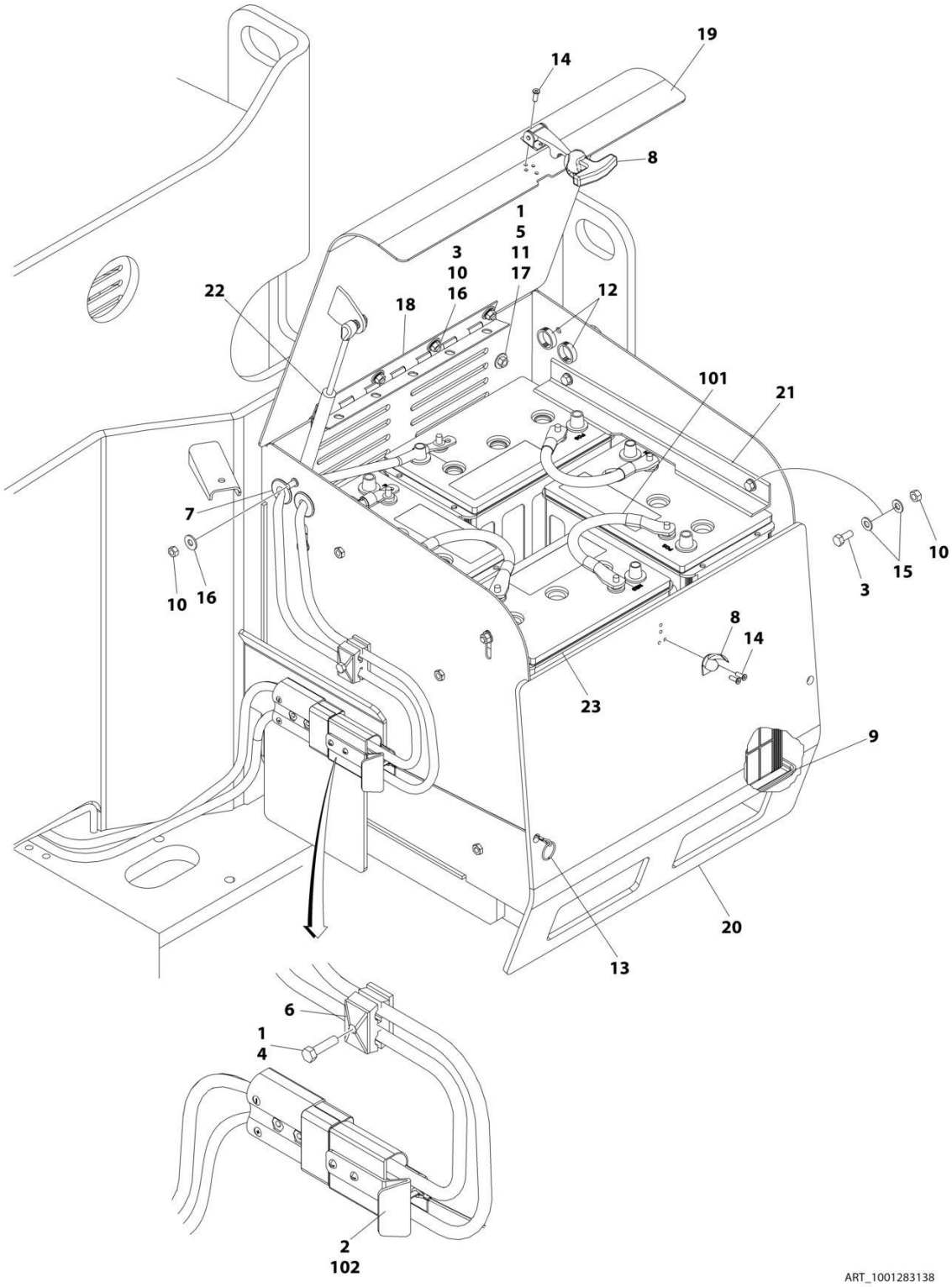
## FIGURE 2-20. BATTERY BOX INSTALLATION - AGM BATTERIES (MACHINES WITH SN STARTING WITH 03)



## FIGURE 2-20. BATTERY BOX INSTALLATION - AGM BATTERIES (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183375 | Ref | BATTERY BOX INSTALLATION - AGM BATTERIES | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0641506 | 26 | Bolt 5/16 x 3/4 | |
| 5 | 0641510 | 2 | Bolt 5/16 x 1-1/4 | |
| 6 | 0641820 | 4 | Bolt 1/2 x 2-1/2 | |
| 7 | 0840048 | 8 | Boot, Terminal (d Shaped) | |
| 8 | 0840049 | 8 | Boot, Terminal (b Shaped) | |
| 10 | 1320159 | 2 | Clamp | |
| 11 | 2540020 | 4 | Grommet | |
| 12 | 2940095 | 2 | Latch | |
| 13 | 3000014 | 2 | Liner, Battery Box | |
| 15 | 3311505 | 30 | Nut 5/16 | |
| 16 | 3311801 | 4 | Nut 1/2 | |
| 17 | 3520031 | 4 | Plug, Hole | |
| 18 | 3760170 | 2 | Ring, Split | |
| 19 | 3820017 | 8 | Rivet | |
| 21 | 1001233560 | 2 | Spring, Gas | |
| 23 | 4711500 | 16 | Washer 5/16 | |
| 24 | 4751500 | 40 | Washer 5/16 | |
| 25 | 4751800 | 8 | Washer 1/2 | |
| 26 | 1001096148 | 2 | Hinge | |
| 27 | 1001228392 | 8 | Battery | |
| 28 | 1001172260 | 2 | Lid, Battery Box | |
| 30 | 1001172876 | 2 | Box, Battery | |
| 31 | 1001176711 | 1 | Sensor, Temperature (Not Shown - Located in LH Side Battery Box) | |
| 32 | 1001179842 | 4 | Angle, Hold-Down | |
| 100 | 1001228858 | 1 | Battery Cable Kit (Includes Items 101-102) | |
| 101 | 1001228395 | 6 | Cable, Battery (Terminal to Terminal) | |
| 102 | 1001228857 | 2 | Cable Assembly - Battery Box Internal (See Separate Breakdown in ELECTRICAL Section) | |

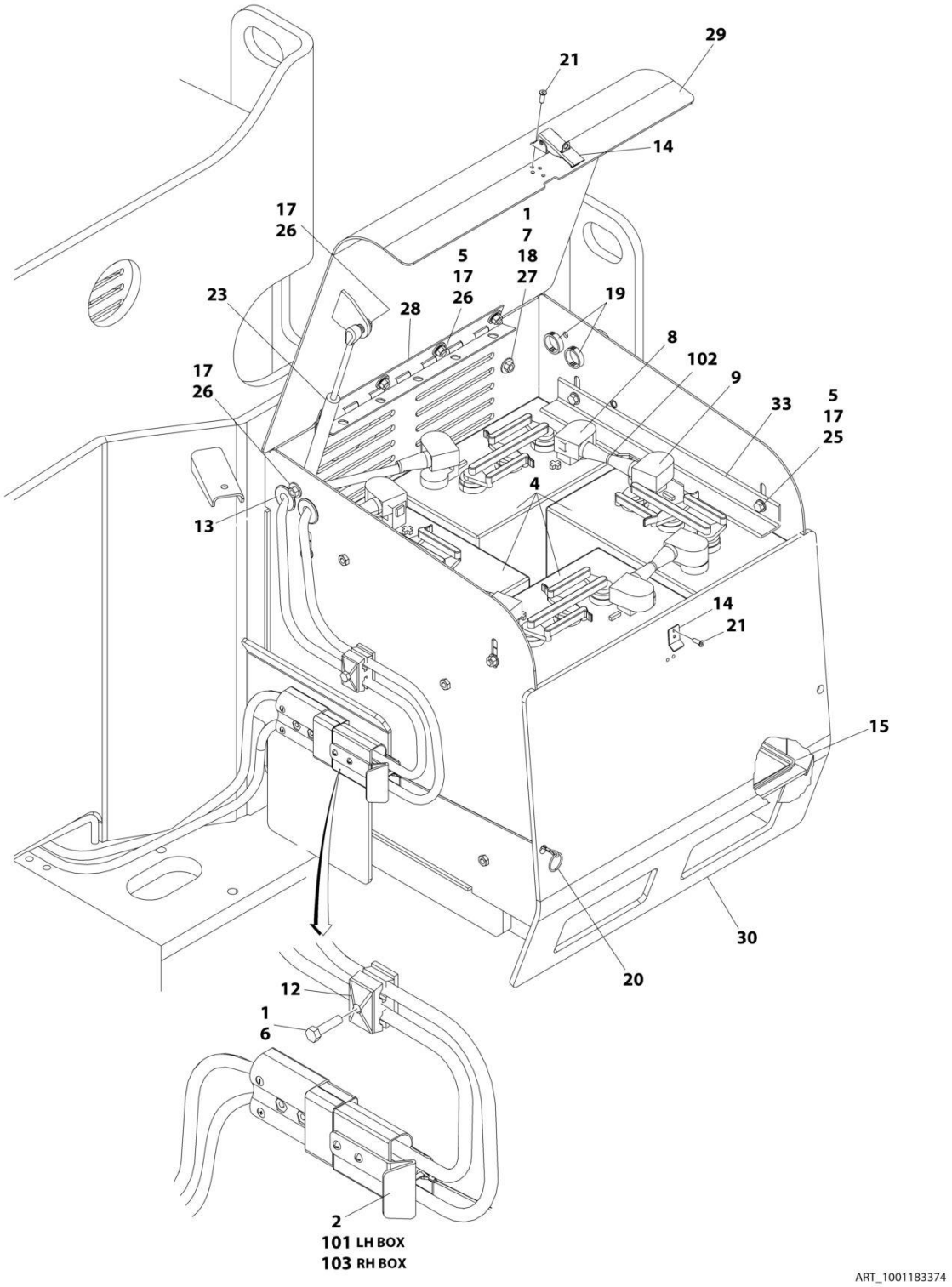
## FIGURE 2-21. BATTERY BOX INSTALLATION - AGM BATTERIES (MACHINES WITH SN STARTING WITH B3)



## FIGURE 2-21. BATTERY BOX INSTALLATION - AGM BATTERIES (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001283138 | Ref | BATTERY BOX INSTALLATION - AGM BATTERIES | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Grease, Dielectric | |
| 3 | 0641506 | 26 | Bolt 5/16 x 3/4 | |
| 4 | 0641510 | 2 | Bolt 5/16 x 1-1/4 | |
| 5 | 0641820 | 4 | Bolt 1/2 x 2-1/2 | |
| 6 | 1320159 | 2 | Clamp | |
| 7 | 2540020 | 4 | Grommet | |
| 8 | 2940095 | 2 | Latch | |
| 9 | 3000014 | 2 | Liner, Battery Box | |
| 10 | 3311505 | 30 | Nut 5/16 | |
| 11 | 3311801 | 4 | Nut 1/2 | |
| 12 | 3520031 | 4 | Plug, Hole | |
| 13 | 3760170 | 2 | Ring, Split | |
| 14 | 3820017 | 8 | Rivet | |
| 15 | 4711500 | 16 | Washer 5/16 | |
| 16 | 4751500 | 40 | Washer 5/16 | |
| 17 | 4751800 | 8 | Washer 1/2 | |
| 18 | 1001096148 | 2 | Hinge | |
| 19 | 1001172260 | 2 | Lid, Battery Box | |
| 20 | 1001172876 | 2 | Box, Battery | |
| 21 | 1001179842 | 4 | Angle, Hold-Down | |
| 22 | 1001233560 | 2 | Spring, Gas | |
| 23 | 1001282350 | 8 | Battery | |
| 100 | 1001283167 | 1 | Battery Cable Kit (Not Shown - Includes Items 101-102) | |
| 101 | 1001283168 | 6 | Cable, Battery (Terminal to Terminal) | |
| 102 | 1001283169 | 2 | Cable Assembly - Battery Box Internal (See Separate Breakdown in ELECTRICAL Section) | |

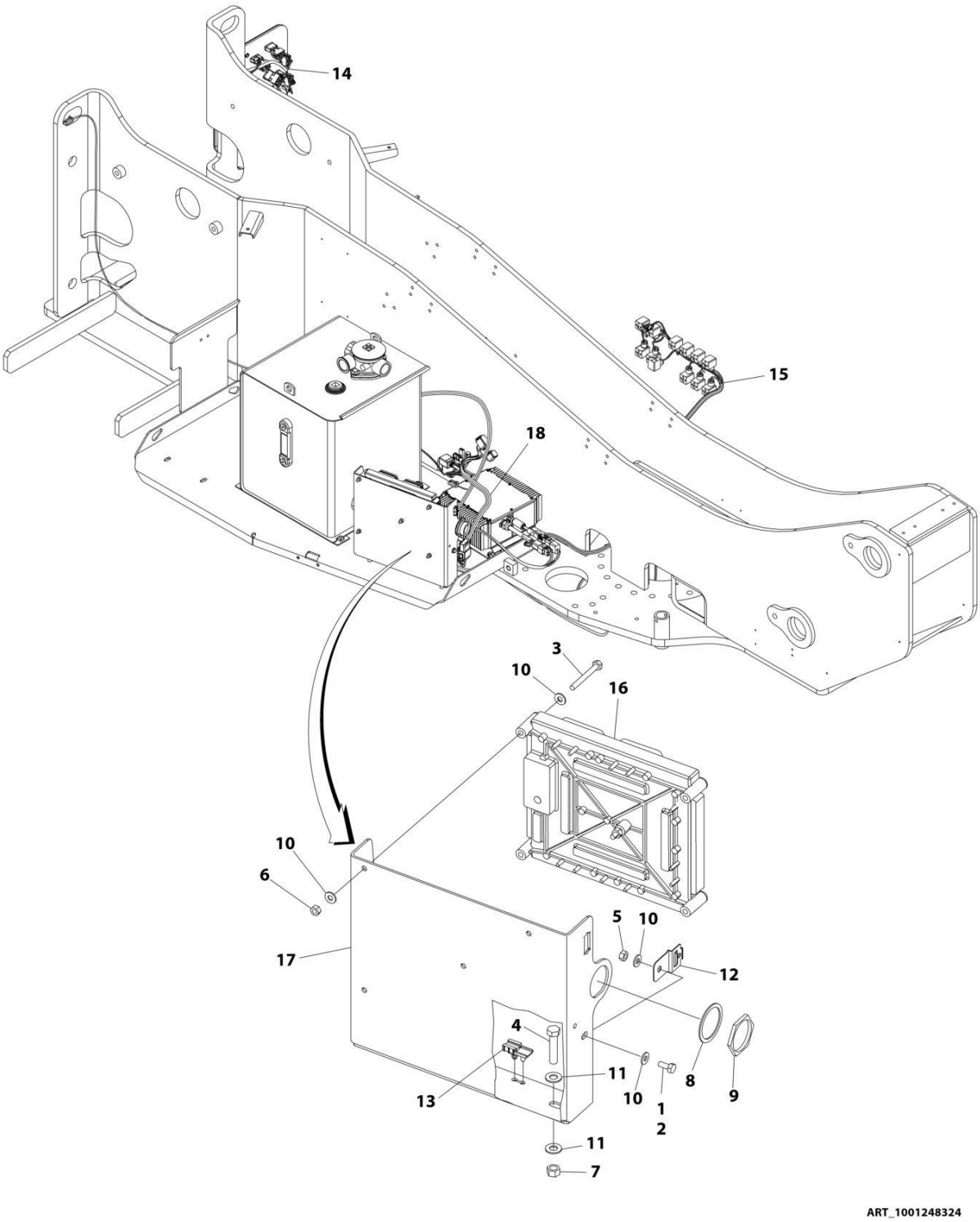
## FIGURE 2-22. BATTERY BOX INSTALLATION (UL SPECS)



## FIGURE 2-22. BATTERY BOX INSTALLATION (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183374 | Ref | BATTERY BOX INSTALLATION (UL SPECS) | D |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100048 | AR | Grease, Dielectric | |
| 4 | 0400202 | 8 | Battery | |
| 5 | 0641506 | 26 | Bolt 5/16 x 3/4 | |
| 6 | 0641510 | 2 | Bolt 5/16 x 1-1/4 | |
| 7 | 0641820 | 4 | Bolt 1/2 x 2-1/2 | |
| 8 | 0840031 | 8 | Boot, Terminal (d Shaped) | |
| 9 | 0840032 | 8 | Boot, Terminal (b Shaped) | |
| 12 | 1320159 | 2 | Clamp | |
| 13 | 2540020 | 4 | Grommet | |
| 14 | 2940130 | 2 | Latch (Lockable) | |
| 15 | 3000014 | 2 | Liner, Battery Box | |
| 17 | 3311505 | 30 | Nut 5/16 | |
| 18 | 3311801 | 4 | Nut 1/2 | |
| 19 | 3520031 | 4 | Plug, Hole | |
| 20 | 3760170 | 2 | Ring, Split | |
| 21 | 3820017 | 8 | Rivet | |
| 23 | 1001233560 | 2 | Spring, Gas | |
| 25 | 4711500 | 16 | Washer 5/16 | |
| 26 | 4751500 | 40 | Washer 5/16 | |
| 27 | 4751800 | 8 | Washer 1/2 | |
| 28 | 1001096148 | 2 | Hinge | |
| 29 | 1001172260 | 2 | Lid, Battery Box | |
| 30 | 1001172876 | 2 | Box, Battery | |
| 31 | 1001176711 | 1 | Sensor, Temperature (Not Shown - Located in LH Side Battery Box) | |
| 33 | 1001179842 | 4 | Angle, Hold-Down | |
| 100 | 1001205056 | 1 | Battery Cable Kit (Includes Items 101-103) | |
| 101 | 1060803 | 1 | Cable Assembly - Battery Box Internal (LH Side) (See Separate Breakdown in ELECTRICAL Section) | |
| 102 | 1060848 | 6 | Cable, Battery (Terminal to Terminal) | |
| 103 | 1001194037 | 1 | Cable Assembly - Battery Box Internal (RH Side) (See Separate Breakdown in ELECTRICAL Section) | |

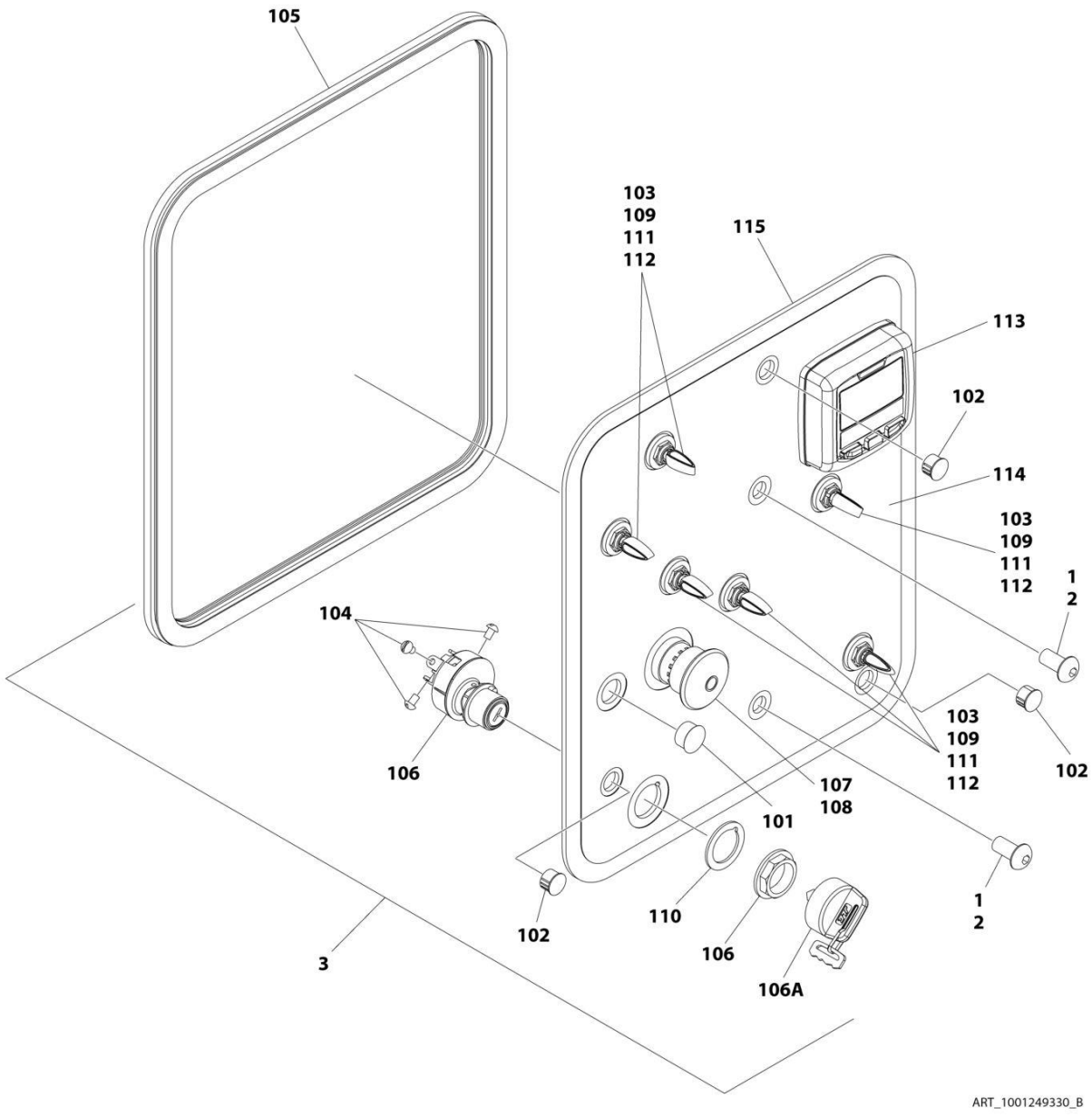
## FIGURE 2-23. GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION



## FIGURE 2-23. GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248324 | Ref | GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641405 | 1 | Bolt 1/4 x 5/8 | |
| 3 | 0641418 | 5 | Bolt 1/4 x 2-1/4 | |
| 4 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 3311401 | 1 | Nut 1/4 | |
| 6 | 3311405 | 5 | Nut 1/4 | |
| 7 | 3311605 | 2 | Nut 3/8 | |
| 8 | 4460470 | 1 | Nut, Terminal | |
| 9 | 4460471 | 1 | Washer, Terminal | |
| 10 | 4711400 | 12 | Washer 1/4 | |
| 11 | 4711600 | 4 | Washer 3/8 | |
| 12 | 1001153749 | 1 | Clip | |
| 13 | 1001173387 | 1 | Clip, Connector Mount | |
| 14 | 1001182477 | 1 | Ground Control Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 15 | 1001255919 | 1 | Lower Valve Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 16 | 1001182700 | 1 | Module, Ground (Note: Re-calibration Required when Replaced) | |
| 17 | 1001183229 | 1 | Plate, Base | |
| 18 | 1001245675 | 1 | Turntable Harness (See Separate Breakdown in ELECTRICAL Section) | |

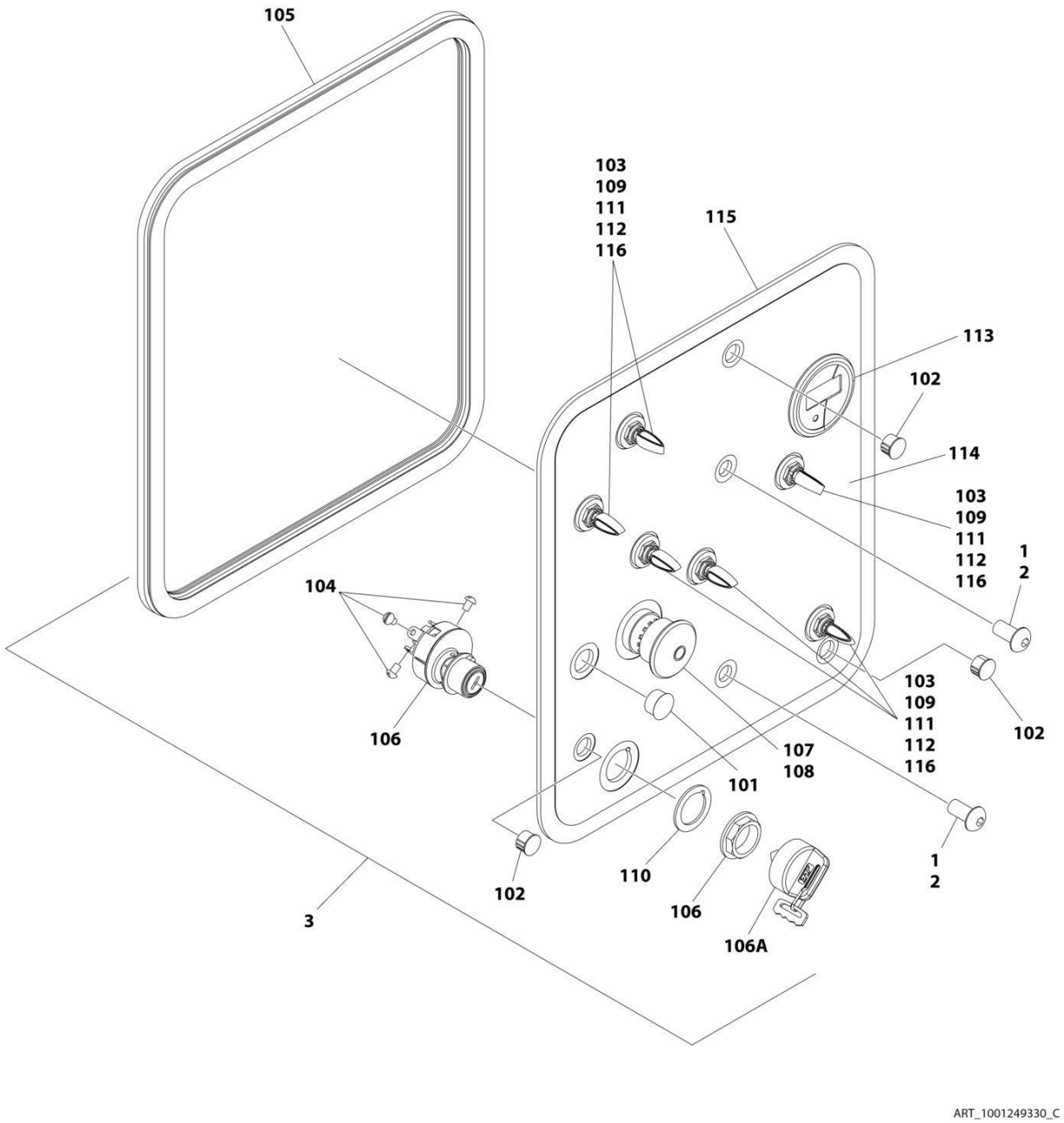
## FIGURE 2-24. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE & UK CA SPECS)



## FIGURE 2-24. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001249330 | Ref | GROUND CONTROL PANEL INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw | |
| 3 | 1001266513 | 1 | Ground Control Panel Assembly | A |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 6 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360469 | 1 | Keyswitch | |
| 106A | 2860030 | 1 | Key, Replacement | |
| 107 | 4360475 | 1 | Switch, Emergency Stop | |
| 107 | 7020175 | 1 | Mushroom Head | |
| 107 | 7020176 | 1 | Block, Contact | |
| 108 | 4360476 | 1 | Block, Contact | |
| 109 | 4740397 | 6 | Spacer, Washer | |
| 110 | 1001151393 | 1 | Shim, Nylon .063 | |
| 111 | 1001155044 | 6 | Nut 15/32 | |
| 112 | 1001155045 | 6 | Switch, Toggle | |
| 113 | 1001171482 | 1 | Gauge, Display | |
| 114 | 1001266505 | 1 | Decal - Control Panel | |
| 115 | 1001266510 | 1 | Panel, Ground Control | |

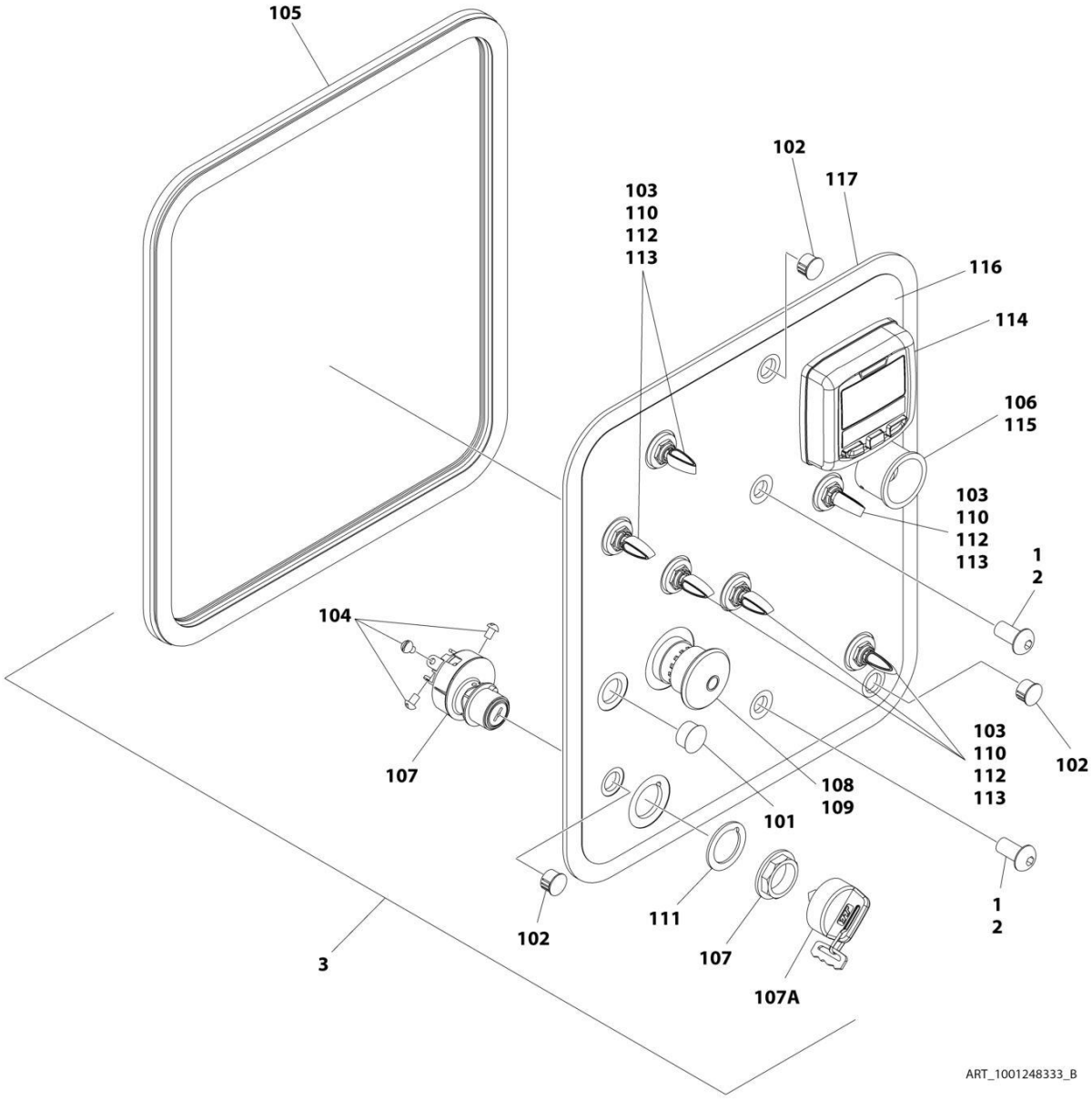
## FIGURE 2-25. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE & UK CA SPECS)



## FIGURE 2-25. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001249330 | Ref | GROUND CONTROL PANEL INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw | |
| 3 | 1001266513 | 1 | Ground Control Panel Assembly | C |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 6 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360469 | 1 | Keyswitch | |
| 106A | 2860030 | 1 | Key, Replacement | |
| 107 | 4360475 | 1 | Switch, Emergency Stop | |
| 107 | 7020175 | 1 | Mushroom Head | |
| 107 | 7020176 | 1 | Block, Contact | |
| 108 | 4360476 | 1 | Block, Contact | |
| 109 | 4740397 | 6 | Spacer, Washer | |
| 110 | 1001151393 | 1 | Shim, Nylon .063 | |
| 111 | 1001155044 | 6 | Nut 15/32 | |
| 112 | 1001155045 | 6 | Switch, Toggle | |
| 113 | 1001109503 | 1 | Gauge, Display | |
| 114 | 1001266505 | 1 | Decal - Control Panel | |
| 115 | 1001280412 | 1 | Panel, Ground Control | |
| 116 | 1001155043 | 6 | Washer, Keyed | |

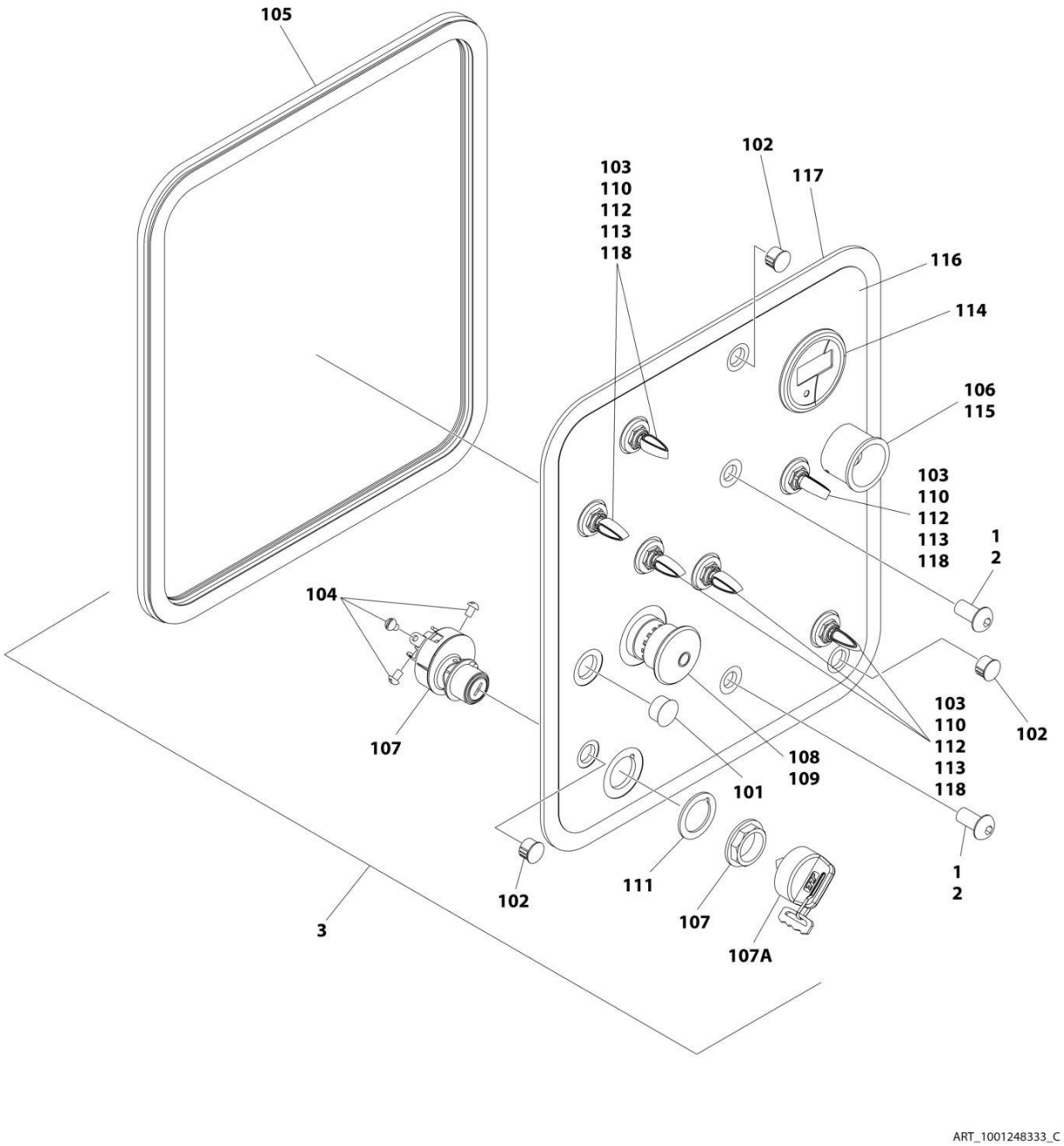
## FIGURE 2-26. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJ/H600SJ) (CE & UK CA SPECS)



## FIGURE 2-26. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJ/H600SJ) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248333 | Ref | GROUND CONTROL PANEL INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw, Button Head | |
| 3 | 1001266511 | 1 | Ground Control Panel Assembly | A |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 6 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360387 | 1 | Switch, Push Button | |
| 107 | 4360469 | 1 | Keyswitch | |
| 107A | 2860030 | 1 | Key, Replacement | |
| 108 | 4360475 | 1 | Switch, Emergency Stop | |
| 108 | 7020175 | 1 | Mushroom Head | |
| 108 | 7020176 | 1 | Block, Contact | |
| 109 | 4360476 | 1 | Block, Contact | |
| 110 | 4740397 | 6 | Spacer, Washer | |
| 111 | 1001151393 | 1 | Shim, Nylon .063 | |
| 112 | 1001155044 | 6 | Nut 15/32 | |
| 113 | 1001155045 | 6 | Switch, Toggle | |
| 114 | 1001171482 | 1 | Gauge, Display | |
| 115 | 1001176469 | 1 | Shroud | |
| 116 | 1001266503 | 1 | Decal - Control Panel | |
| 117 | 1001266510 | 1 | Panel, Ground Control | |

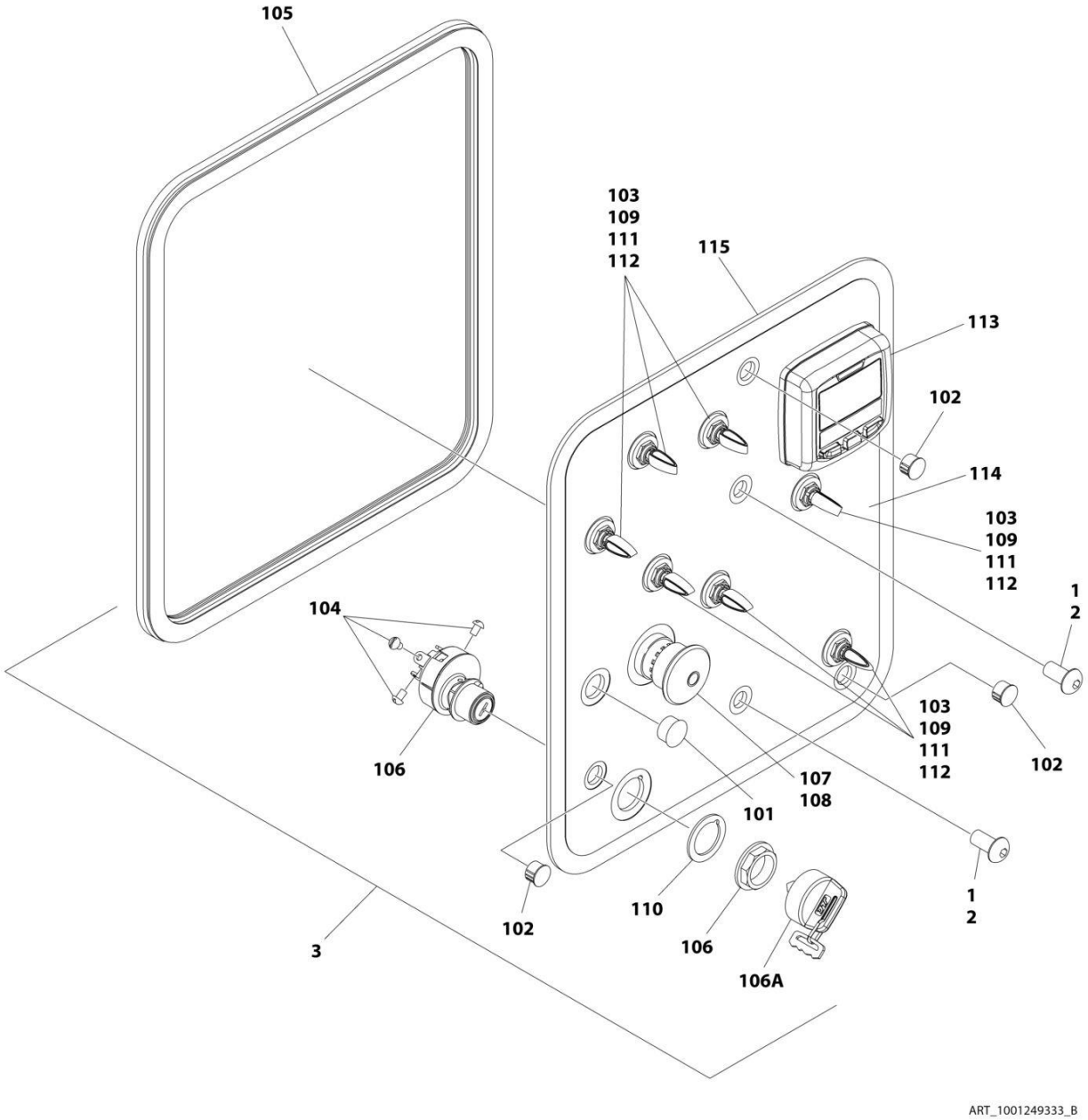
## FIGURE 2-27. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (CE & UK CA SPECS)



## FIGURE 2-27. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248333 | Ref | GROUND CONTROL PANEL INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw, Button Head | |
| 3 | 1001266511 | 1 | Ground Control Panel Assembly | C |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 6 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360387 | 1 | Switch, Push Button | |
| 107 | 4360469 | 1 | Keyswitch | |
| 107A | 2860030 | 1 | Key, Replacement | |
| 108 | 4360475 | 1 | Switch, Emergency Stop | |
| 108 | 7020175 | 1 | Mushroom Head | |
| 108 | 7020176 | 1 | Block, Contact | |
| 109 | 4360476 | 1 | Block, Contact | |
| 110 | 4740397 | 6 | Spacer, Washer | |
| 111 | 1001151393 | 1 | Shim, Nylon .063 | |
| 112 | 1001155044 | 6 | Nut 15/32 | |
| 113 | 1001155045 | 6 | Switch, Toggle | |
| 114 | 1001109503 | 1 | Gauge, Display | |
| 115 | 1001176469 | 1 | Shroud | |
| 116 | 1001266503 | 1 | Decal - Control Panel | |
| 117 | 1001280412 | 1 | Panel, Ground Control | |
| 118 | 1001155043 | 6 | Washer, Keyed | |

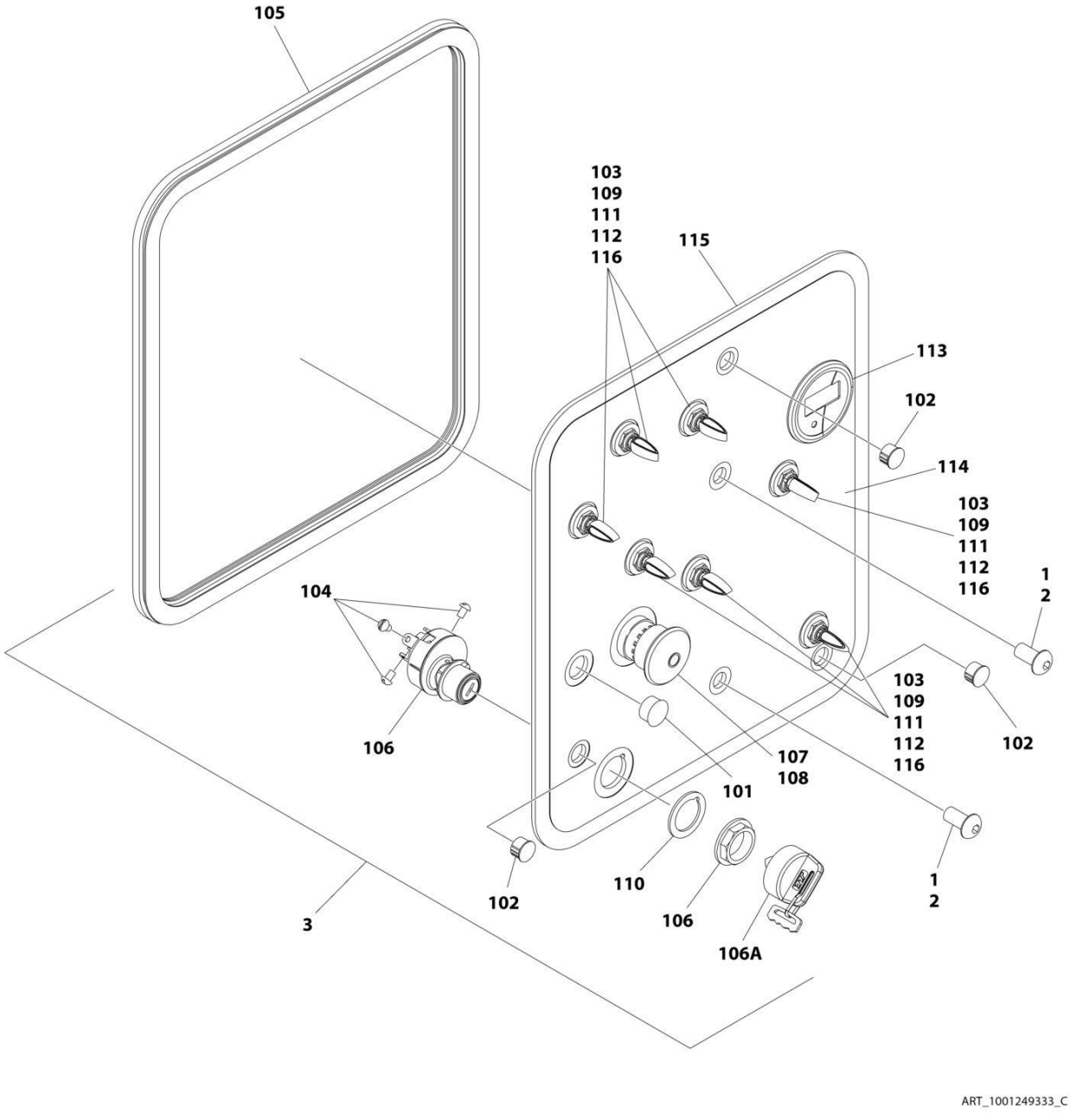
## FIGURE 2-28. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE & UK CA SPECS)



## FIGURE 2-28. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001249333 | Ref | GROUND CONTROL PANEL INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw, Button Head | |
| 3 | 1001266514 | 1 | Ground Control Panel Assembly | A |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 7 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360469 | 1 | Keyswitch | |
| 106A | 2860030 | 1 | Key, Replacement | |
| 107 | 4360475 | 1 | Switch, Emergency Stop | |
| 107 | 7020175 | 1 | Mushroom Head | |
| 107 | 7020176 | 1 | Block, Contact | |
| 108 | 4360476 | 1 | Block, Contact | |
| 109 | 4740397 | 7 | Spacer, Washer | |
| 110 | 1001151393 | 1 | Shim, Nylon .063 | |
| 111 | 1001155044 | 7 | Nut 15/32 | |
| 112 | 1001155045 | 7 | Switch, Toggle | |
| 113 | 1001171482 | 1 | Gauge, Display | |
| 114 | 1001266509 | 1 | Decal - Control Panel | |
| 115 | 1001266510 | 1 | Panel, Ground Control | |

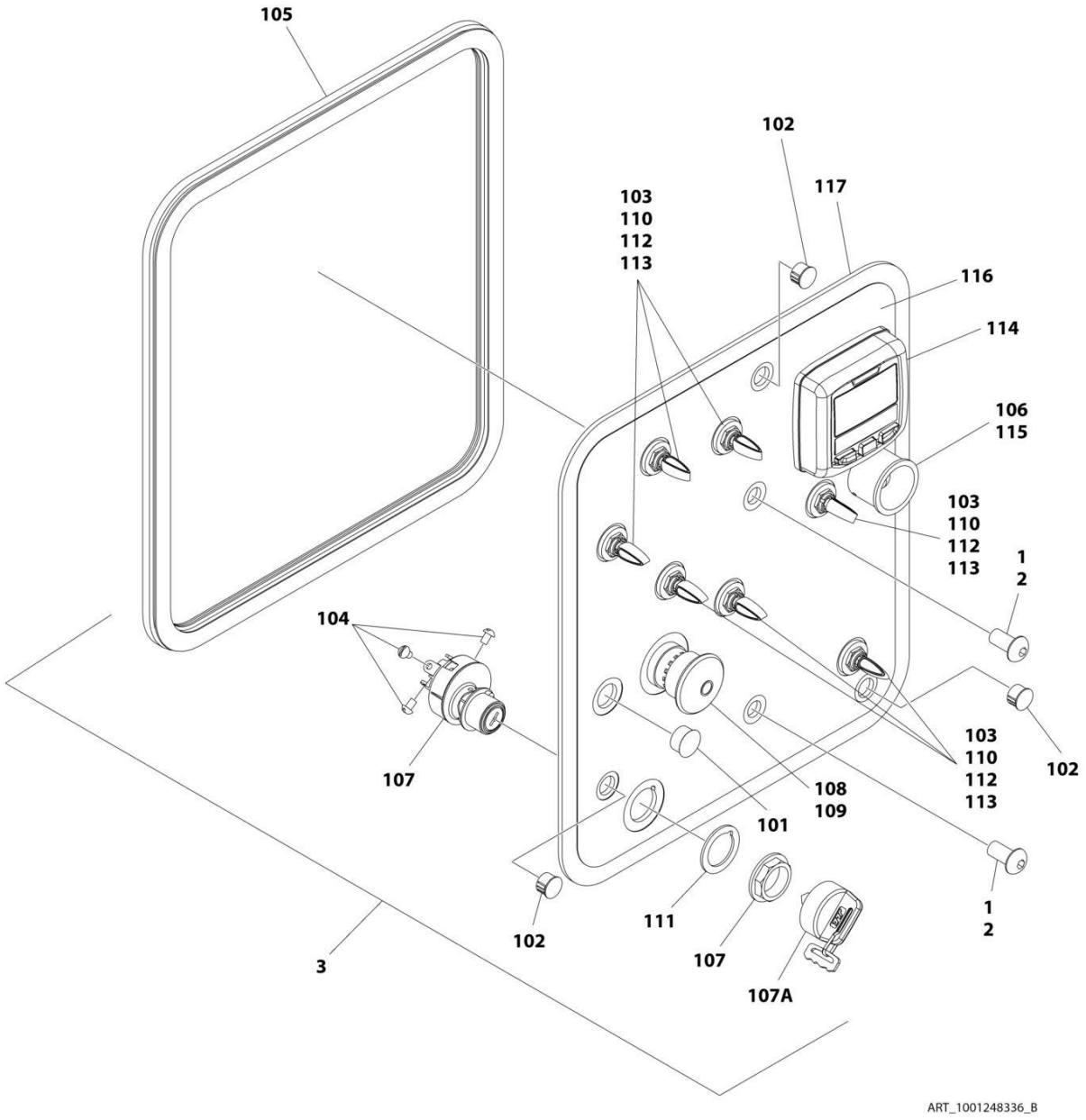
## FIGURE 2-29. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE & UK CA SPECS)



## FIGURE 2-29. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001249333 | Ref | GROUND CONTROL PANEL INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw, Button Head | |
| 3 | 1001266514 | 1 | Ground Control Panel Assembly | C |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 7 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360469 | 1 | Keyswitch | |
| 106A | 2860030 | 1 | Key, Replacement | |
| 107 | 4360475 | 1 | Switch, Emergency Stop | |
| 107 | 7020175 | 1 | Mushroom Head | |
| 107 | 7020176 | 1 | Block, Contact | |
| 108 | 4360476 | 1 | Block, Contact | |
| 109 | 4740397 | 7 | Spacer, Washer | |
| 110 | 1001151393 | 1 | Shim, Nylon .063 | |
| 111 | 1001155044 | 7 | Nut 15/32 | |
| 112 | 1001155045 | 7 | Switch, Toggle | |
| 113 | 1001109503 | 1 | Gauge, Display | |
| 114 | 1001266509 | 1 | Decal - Control Panel | |
| 115 | 1001280412 | 1 | Panel, Ground Control | |
| 116 | 1001155043 | 7 | Washer, Keyed | |

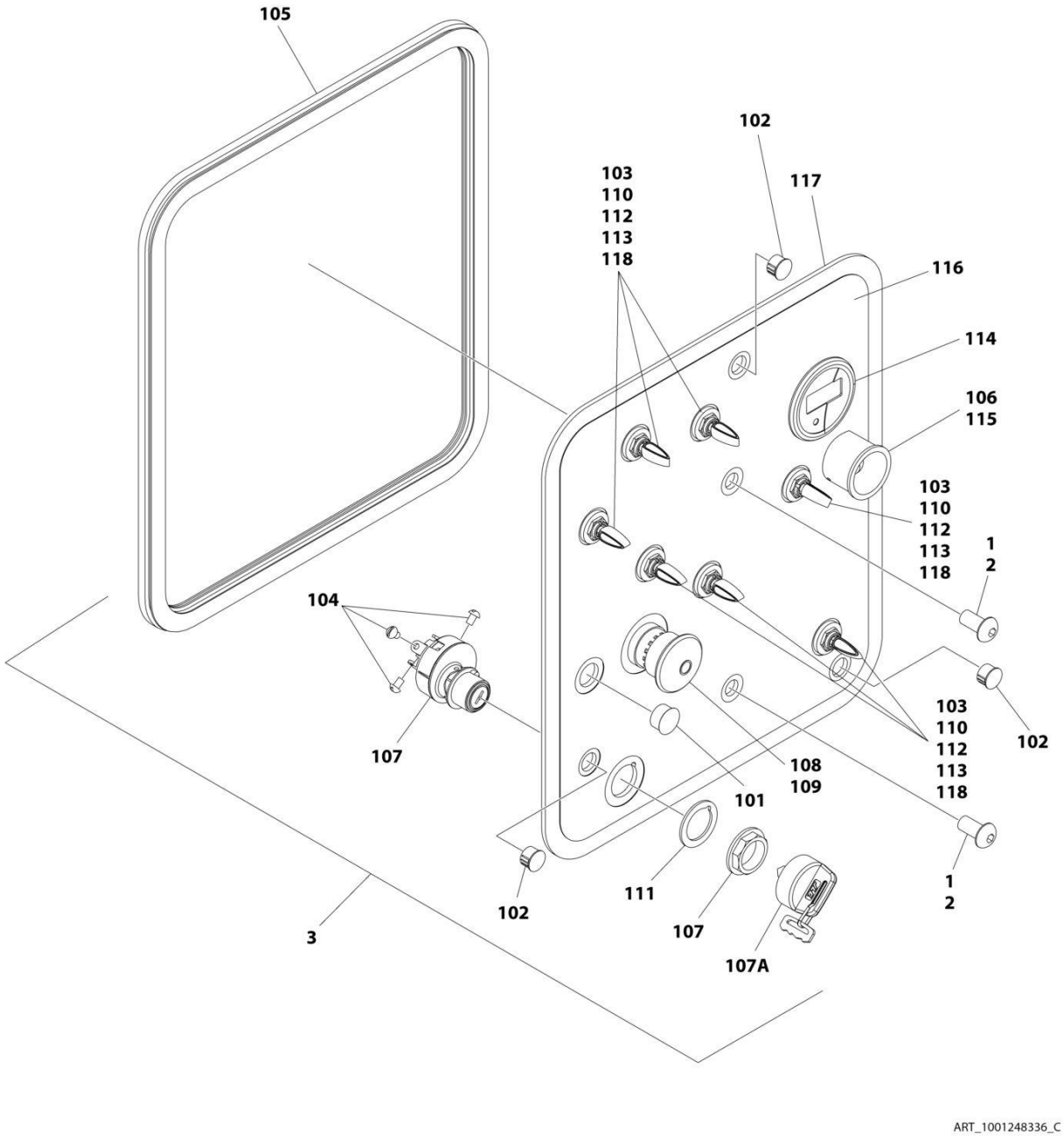
## FIGURE 2-30. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJP/H600SJP) (CE & UK CA SPECS)



## FIGURE 2-30. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITH BUTTONS (EC600SJP/H600SJP) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248336 | Ref | GROUND CONTROL PANEL INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw, Button Head | |
| 3 | 1001266512 | 1 | Ground Control Panel Assembly | A |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 7 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360387 | 1 | Switch, Push Button | |
| 107 | 4360469 | 1 | Keyswitch | |
| 107A | 2860030 | 1 | Key, Replacement | |
| 108 | 4360475 | 1 | Switch, Emergency Stop | |
| 108 | 7020175 | 1 | Mushroom Head | |
| 108 | 7020176 | 1 | Block, Contact | |
| 109 | 4360476 | 1 | Block, Contact | |
| 110 | 4740397 | 7 | Spacer, Washer | |
| 111 | 1001151393 | 1 | Shim, Nylon .063 | |
| 112 | 1001155044 | 7 | Nut 15/32 | |
| 113 | 1001155045 | 7 | Switch, Toggle | |
| 114 | 1001171482 | 1 | Gauge, Display | |
| 115 | 1001176469 | 1 | Shroud | |
| 116 | 1001266504 | 1 | Decal - Control Panel | |
| 117 | 1001266510 | 1 | Panel, Ground Control | |

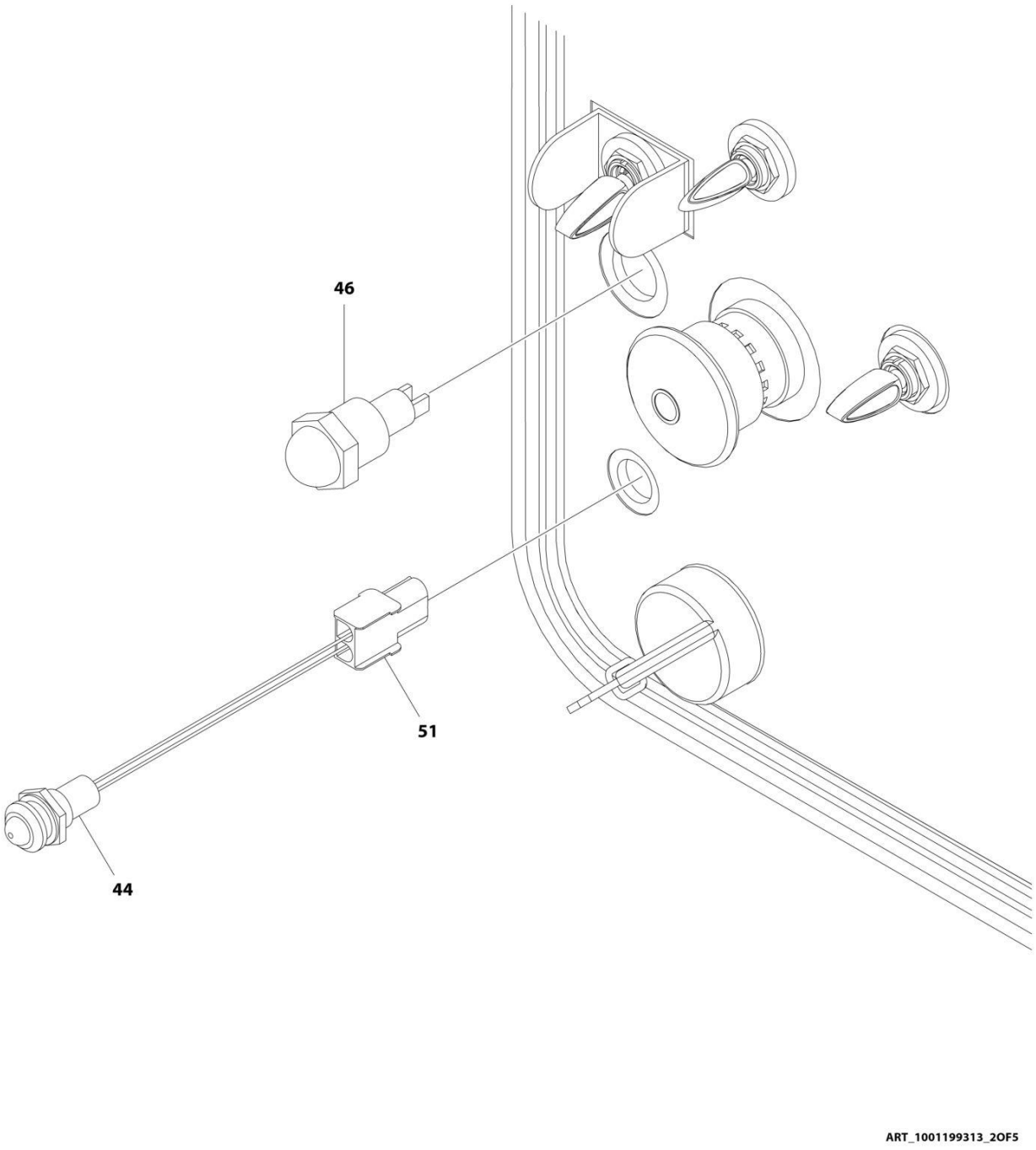
## FIGURE 2-31. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (CE & UK CA SPECS)



## FIGURE 2-31. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248336 | Ref | GROUND CONTROL PANEL INSTALLATION | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3900283 | 2 | Screw, Button Head | |
| 3 | 1001266512 | 1 | Ground Control Panel Assembly | C |
| 101 | 3520026 | 1 | Plug, Hole | |
| 102 | 3520028 | 3 | Plug, Hole | |
| 103 | 3790012 | 7 | O-Ring | |
| 104 | 3910804 | 6 | Screw #8 x 1/2 | |
| 105 | 3960447 | 51 in/1.3m | Seal | |
| 106 | 4360387 | 1 | Switch, Push Button | |
| 107 | 4360469 | 1 | Keyswitch | |
| 107A | 2860030 | 1 | Key, Replacement | |
| 108 | 4360475 | 1 | Switch, Emergency Stop | |
| 108 | 7020175 | 1 | Mushroom Head | |
| 108 | 7020176 | 1 | Block, Contact | |
| 109 | 4360476 | 1 | Block, Contact | |
| 110 | 4740397 | 7 | Spacer, Washer | |
| 111 | 1001151393 | 1 | Shim, Nylon .063 | |
| 112 | 1001155044 | 7 | Nut 15/32 | |
| 113 | 1001155045 | 7 | Switch, Toggle | |
| 114 | 1001109503 | 1 | Gauge, Display | |
| 115 | 1001176469 | 1 | Shroud | |
| 116 | 1001266504 | 1 | Decal - Control Panel | |
| 117 | 1001280412 | 1 | Panel, Ground Control | |
| 118 | 1001155043 | 7 | Washer, Keyed | |

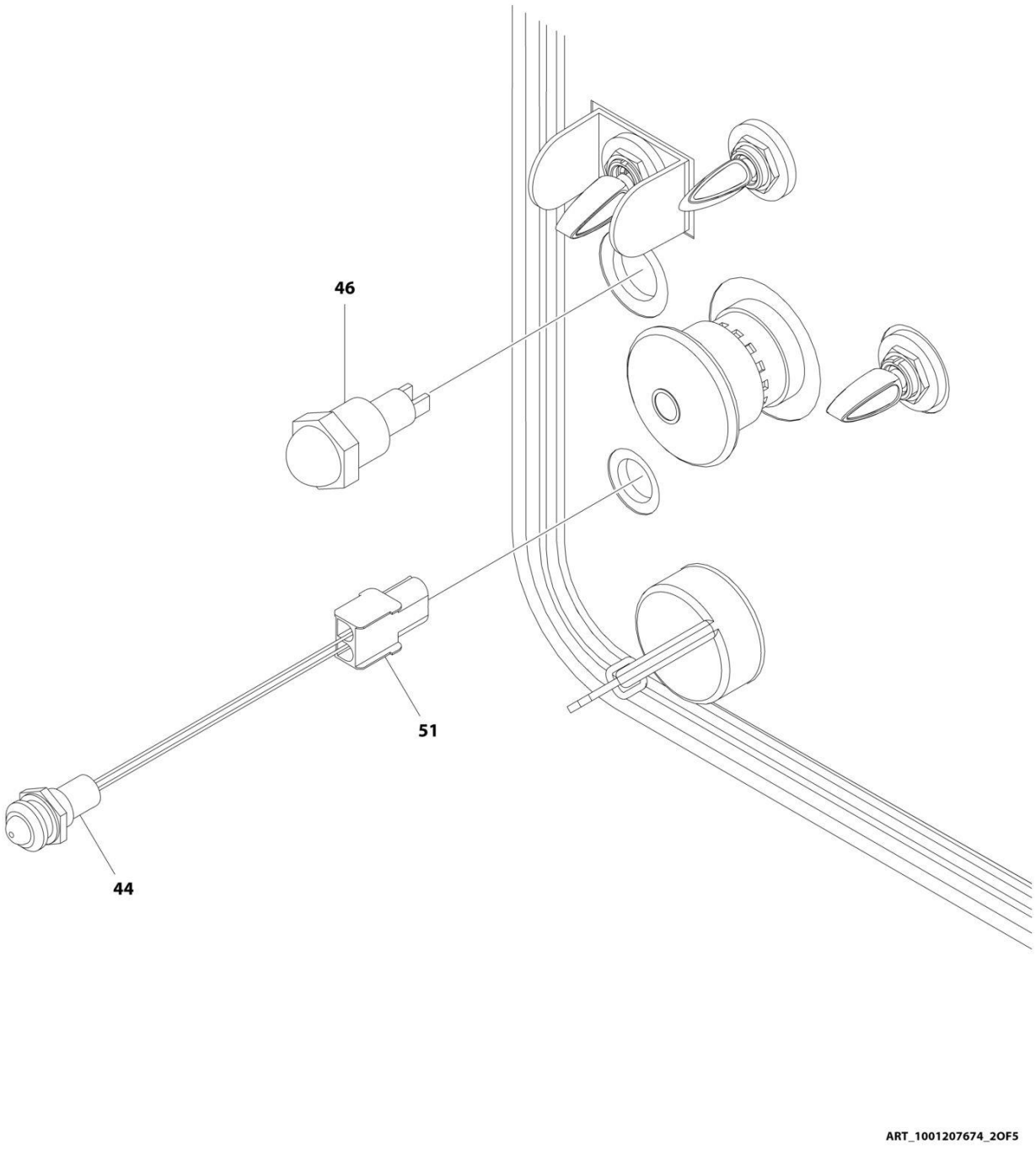
## FIGURE 2-32. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)



## FIGURE 2-32. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199313 | Ref | ENGINE CONTROLS INSTALLATION | G |
| 44 | 2920151 | 1 | Light | |
| 46 | 4360274 | 1 | Switch, Push Button | |
| 51 | 4460424 | 1 | Connector - 2 Position | |
| 51 | 4460226 | 2 | Socket, Female | |

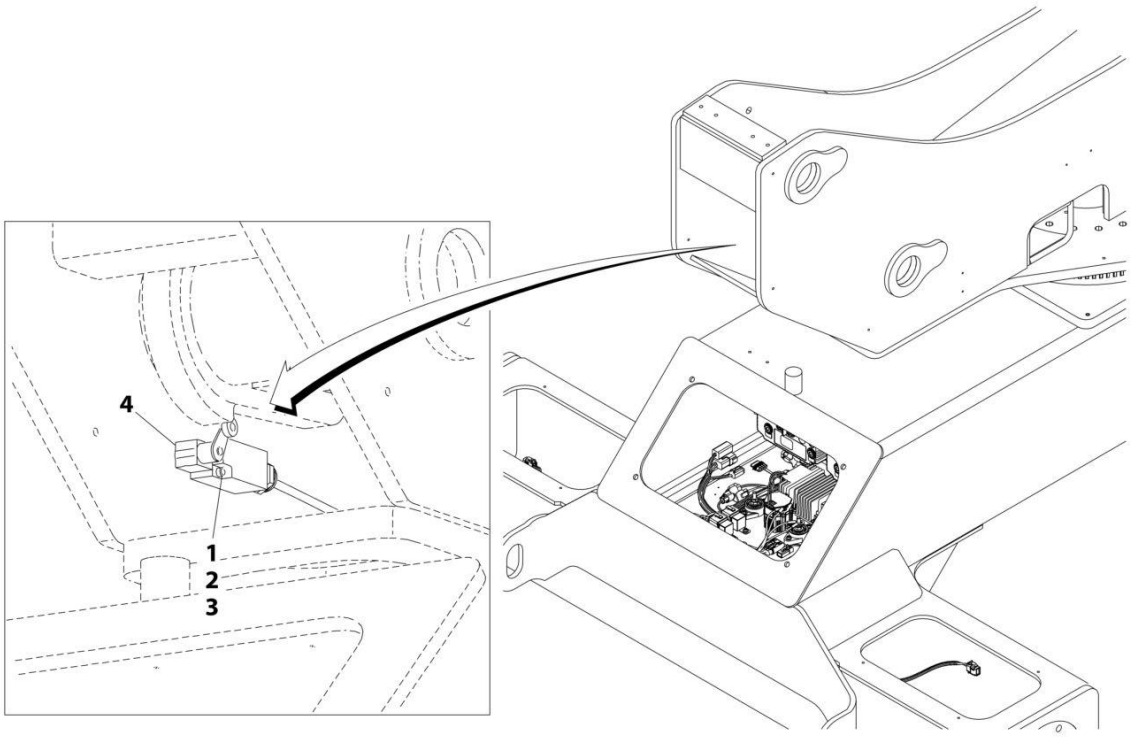
## FIGURE 2-33. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)



## FIGURE 2-33. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207674 | Ref | MOTOR CONTROLS INSTALLATION - AGM BATTERIES (M600/M600J/M600JP) | F |
| 44 | 2920151 | 1 | Light | |
| 46 | 4360274 | 1 | Switch, Push Button | |
| 51 | 4460424 | 1 | Connector - 2 Position | |
| 51 | 4460226 | 2 | Socket, Female | |

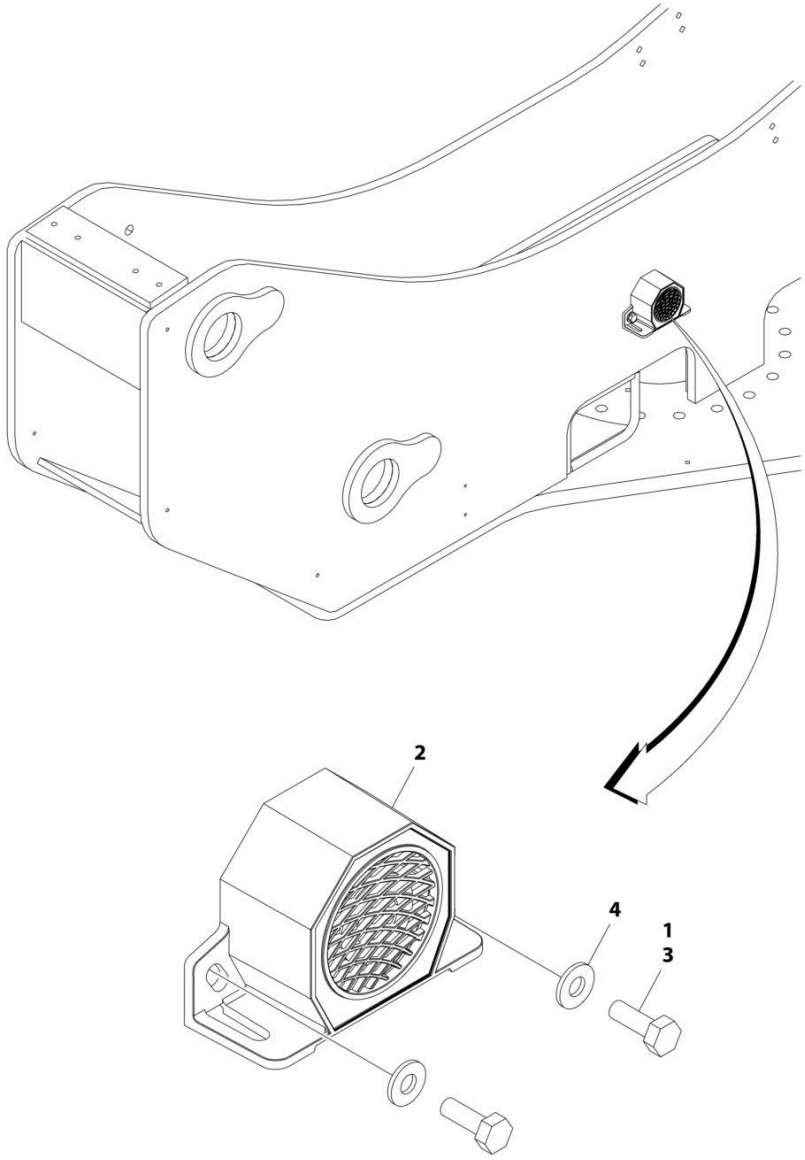
**FIGURE 2-34. LIMIT SWITCH INSTALLATION**



## FIGURE 2-34. LIMIT SWITCH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200254 | Ref | LIMIT SWITCH INSTALLATION | A |
| 1 | 3310805 | 2 | Nut #8 | |
| 2 | 3930828 | 2 | Capscrew #8 x 1-3/4 | |
| 3 | 4750800 | 2 | Washer #8 | |
| 4 | 1001200173 | 1 | Switch, Limit (See Separate Breakdown in ELECTRICAL Section) | |

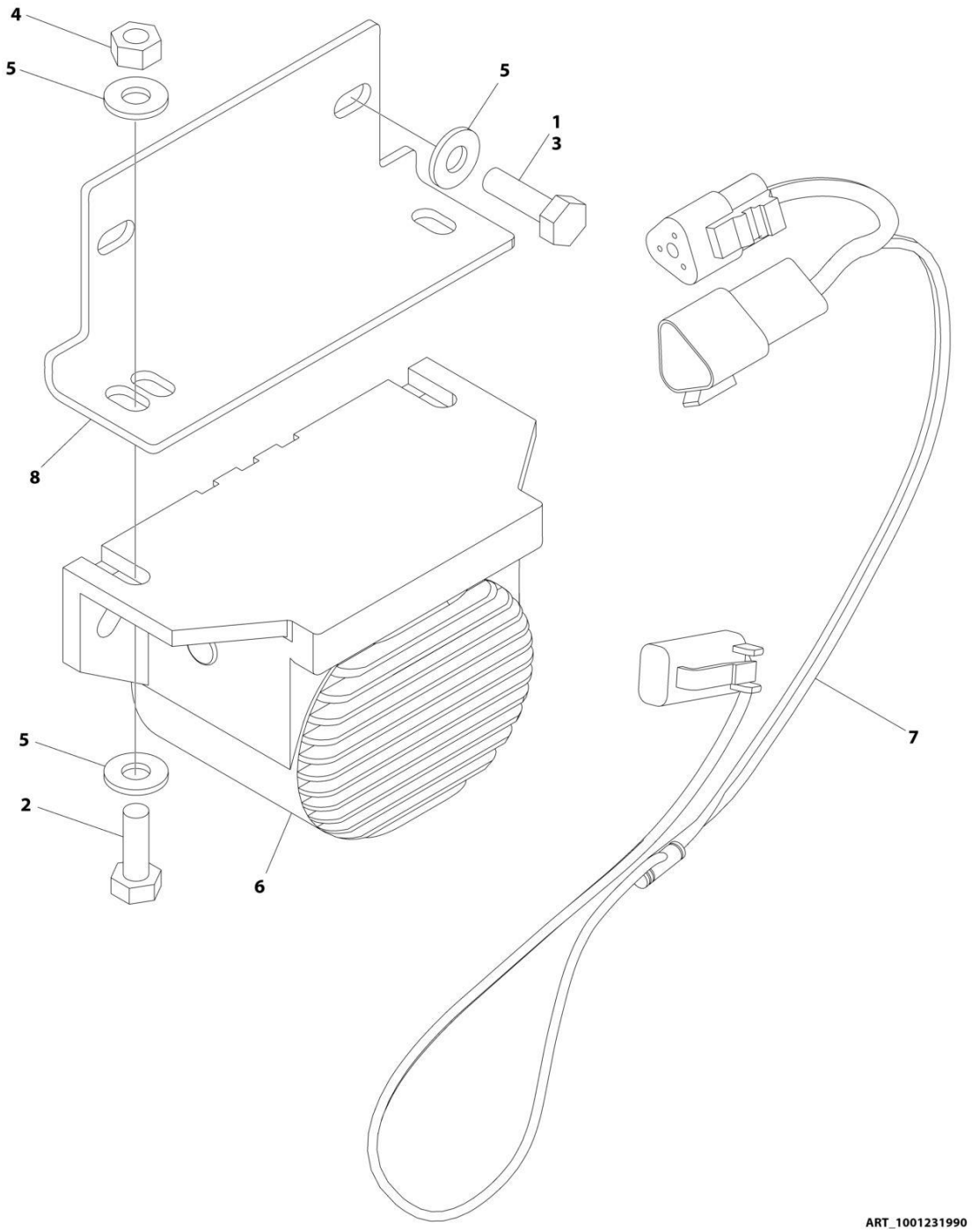
**FIGURE 2-35. ALARM INSTALLATION**



## FIGURE 2-35. ALARM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183368 | Ref | ALARM INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0140043 | 1 | Alarm, Motion/Descent/Horn | |
| 3 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 4 | 4711400 | 2 | Washer 1/4 | |

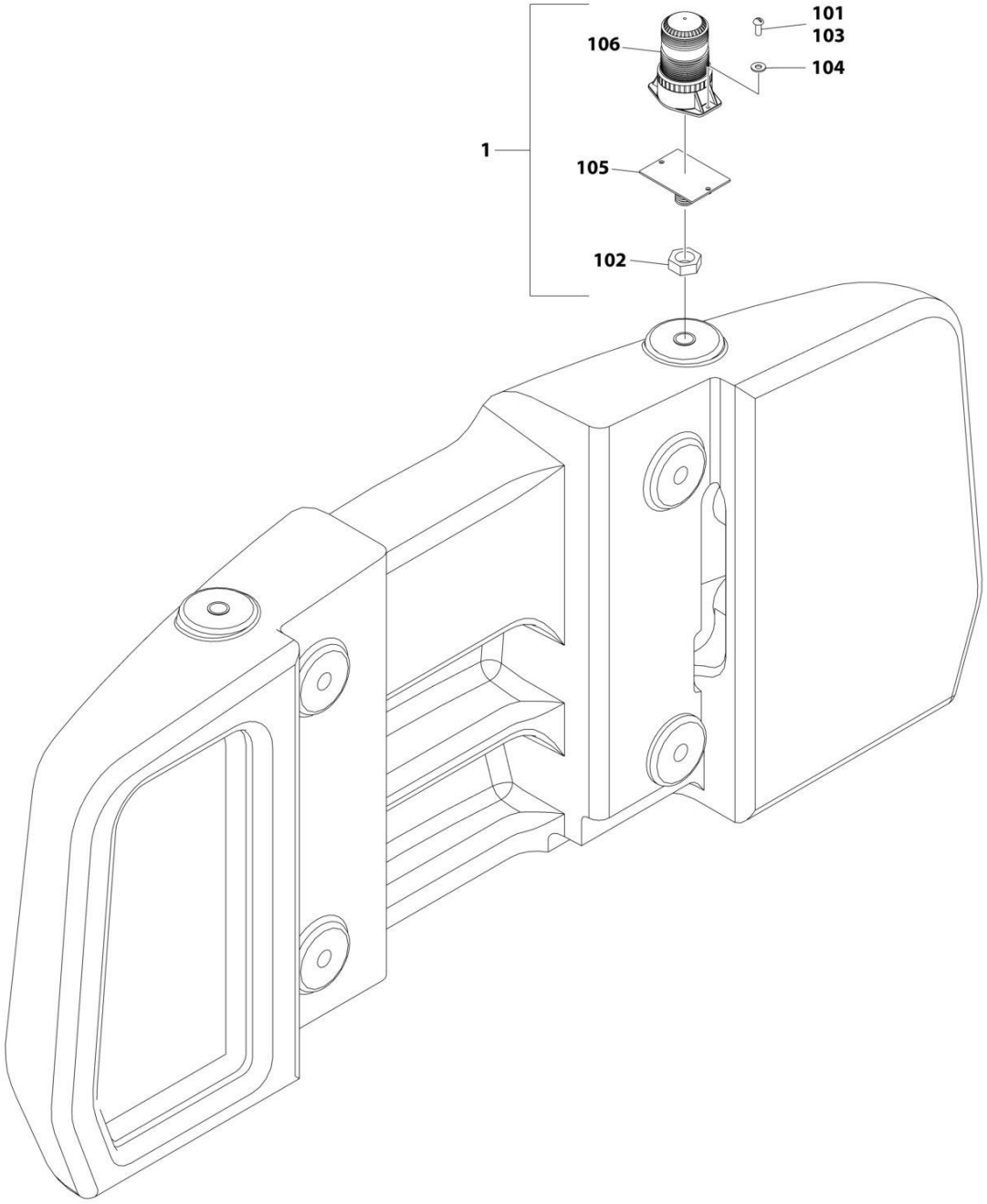
## FIGURE 2-36. WHITE NOISE ALARM INSTALLATION



## FIGURE 2-36. WHITE NOISE ALARM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001231990 | Ref | WHITE NOISE ALARM INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 3 | 0641407 | 2 | Bolt 1/4 x 7/8 | |
| 4 | 3311405 | 2 | Nut 1/4 | |
| 5 | 4711400 | 6 | Washer 1/4 | |
| 6 | 1001182806 | 1 | Alarm | |
| 6 | 4460897 | 1 | Connector - 2 Position | |
| 6 | 4460464 | 2 | Pin, Male | |
| 7 | 1001231007 | 1 | Harness, White Noise Motion Alarm (See Separate Breakdown in ELECTRICAL Section) | |
| 8 | 1001231886 | 1 | Plate | |

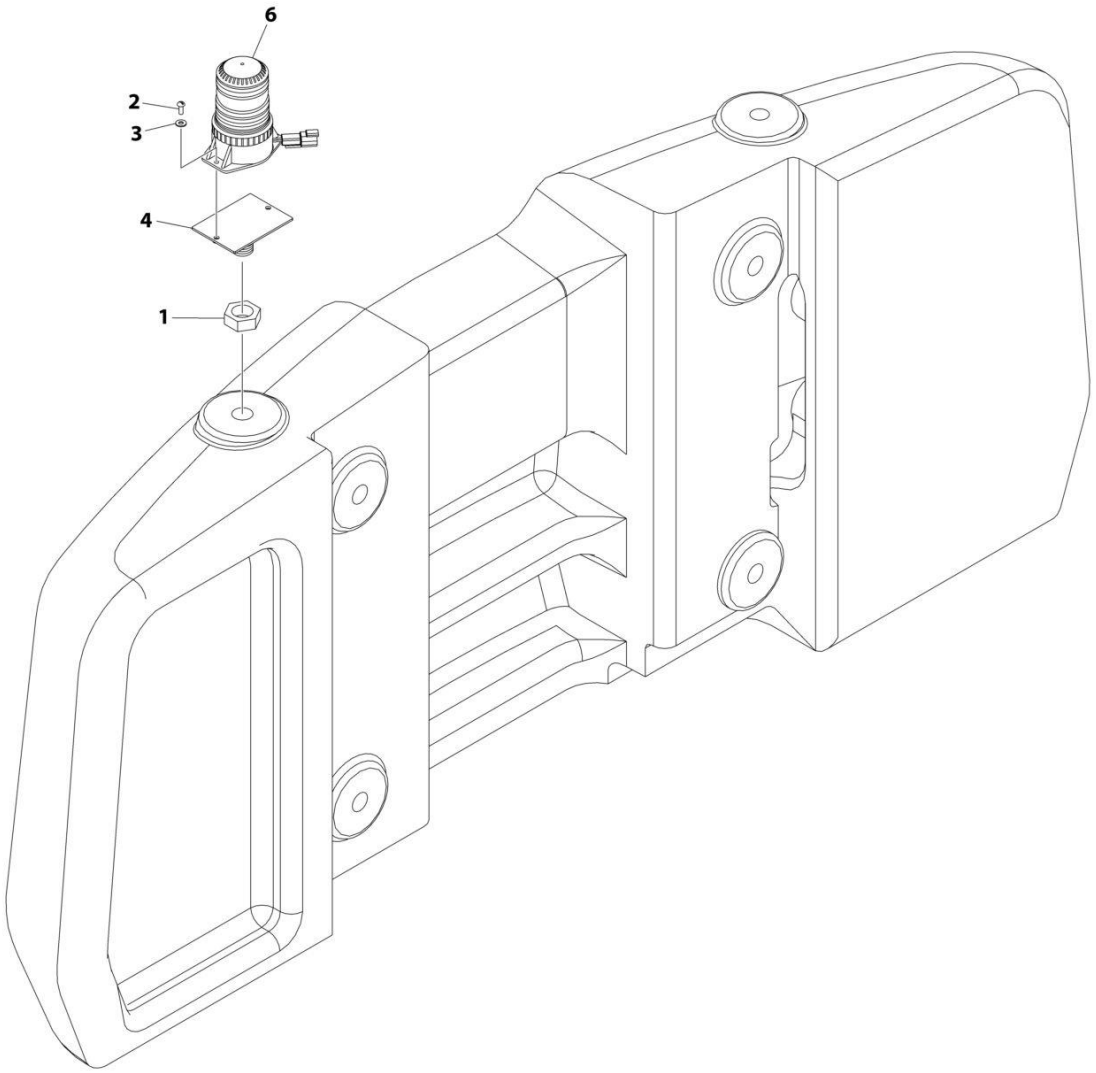
## FIGURE 2-37. BEACON LIGHT INSTALLATION - AMBER



## FIGURE 2-37. BEACON LIGHT INSTALLATION - AMBER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214093 | Ref | STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) | A |
| 1 | 1001191140 | 1 | Strobe Light Assembly (See Items 101-106 for Breakdown) | |
| 2 | 1001198866 | 1 | Beacon Light Harness (Amber) (Not Shown - See Separate Breakdown in ELECTRICAL Section) | |
| | 1001191140 | Ref | STROBE LIGHT ASSEMBLY | A |
| 101 | 0100035 | AR | Compound, Locking | |
| 102 | 3312602 | 1 | Nut 1-8 | |
| 103 | 3900085 | 2 | Screw #10 x 1/2 | |
| 104 | 4751000 | 2 | Washer #10 | |
| 105 | 1001149994 | 1 | Plate, Mounting | |
| 106 | 1001191139 | 1 | Light, Strobe (Amber) | |
| 106 | 4460891 | 1 | Connector - 2 Position | |
| 106 | 4460465 | 2 | Pin, Male | |

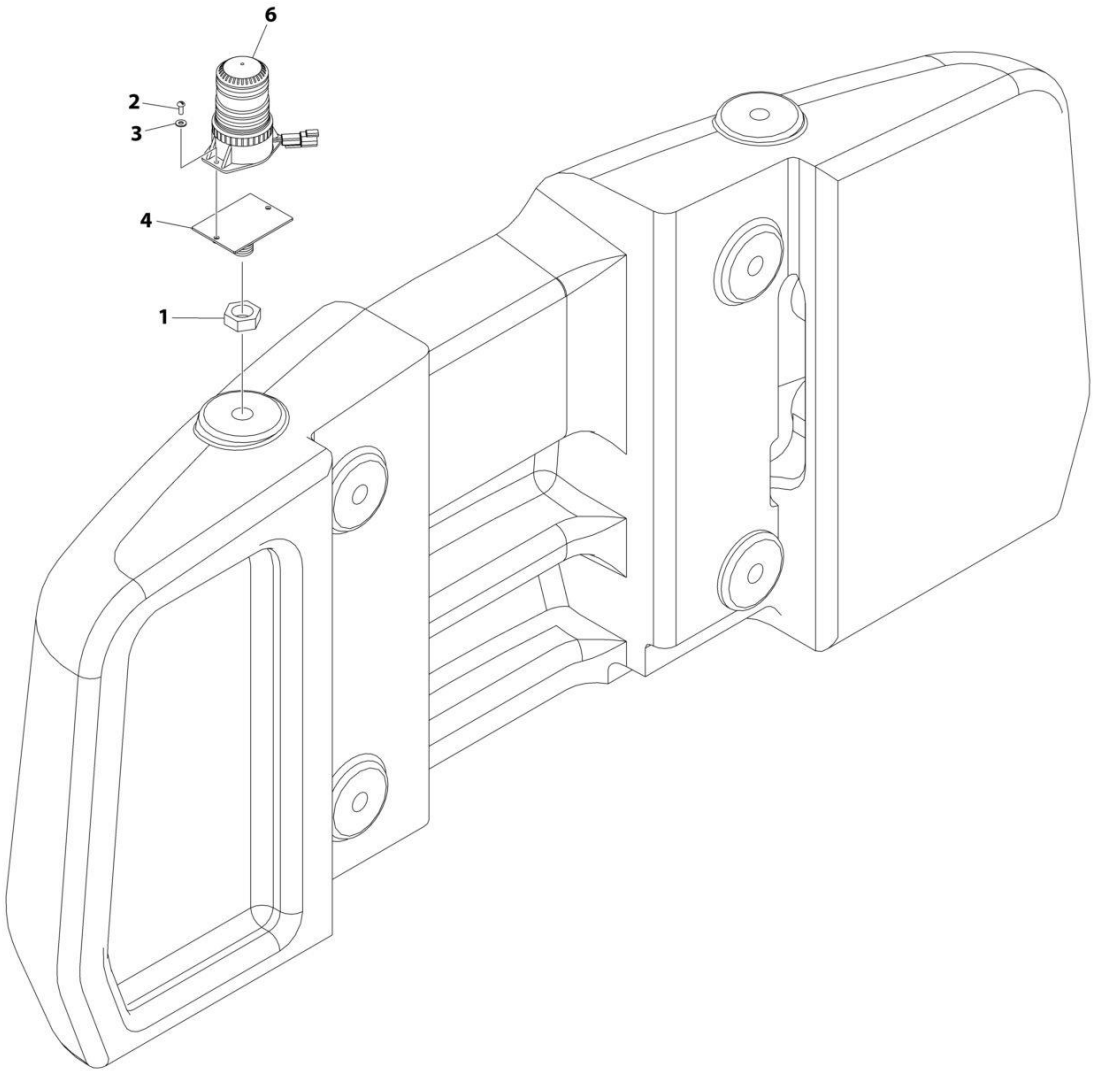
## FIGURE 2-38. BEACON LIGHT INSTALLATION - BLUE



## FIGURE 2-38. BEACON LIGHT INSTALLATION - BLUE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239801 | Ref | BEACON LIGHT INSTALLATION - BLUE | B |
| | 1001217005 | Ref | BEACON LIGHT KIT - BLUE | C |
| 1 | 3312602 | 1 | Nut 1-8 | |
| 2 | 3900085 | 2 | Screw #10 x 1/2 | |
| 3 | 4751000 | 2 | Washer #10 | |
| 4 | 1001149994 | 1 | Plate, Mounting | |
| 6 | 1001200910 | 1 | Light, Beacon | |
| 6 | 4460897 | 1 | Connector - 2 Position | |
| 6 | 4460943 | 2 | Pin, Male | |

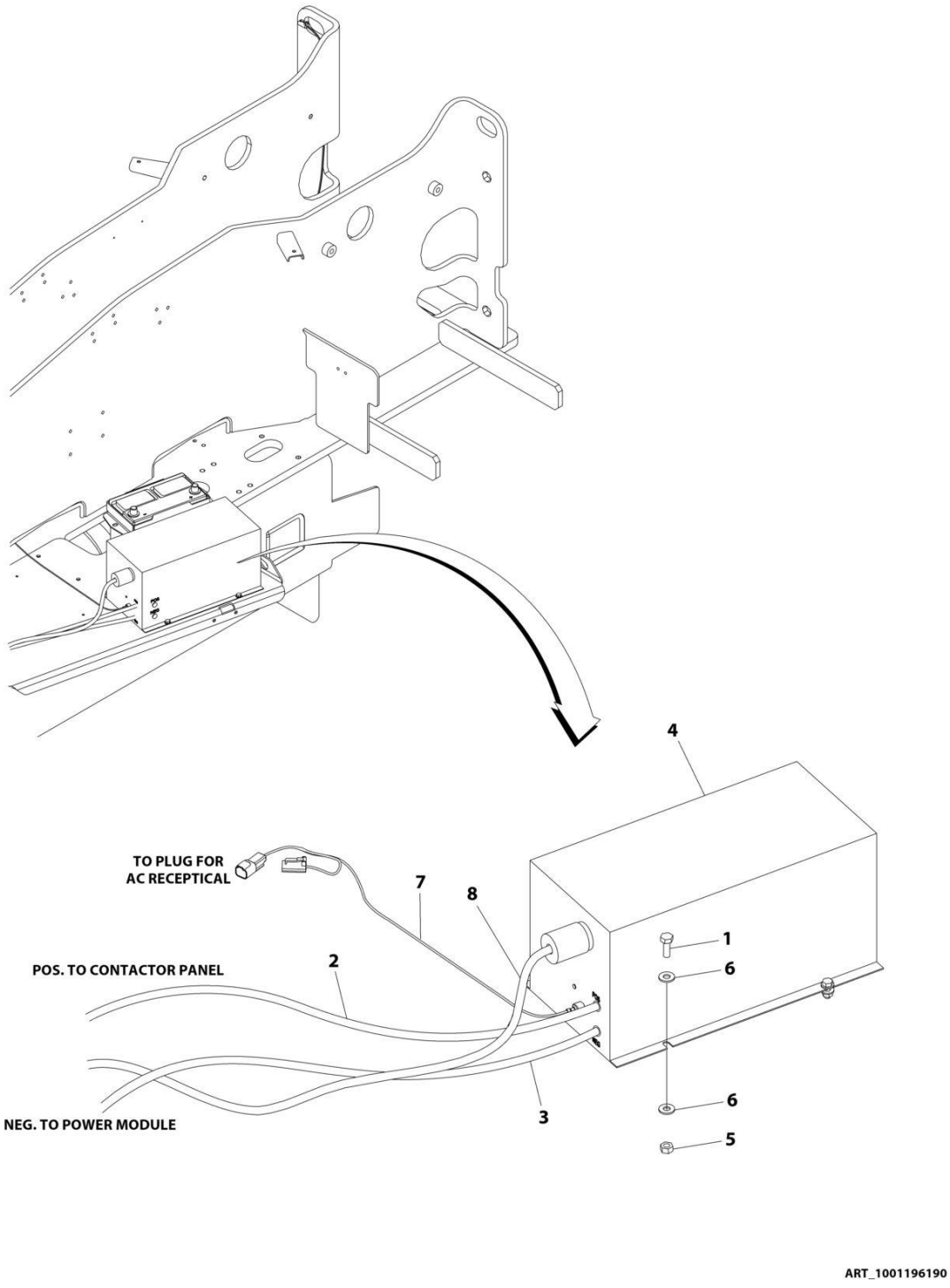
## FIGURE 2-39. BEACON LIGHT INSTALLATION - RED



## FIGURE 2-39. BEACON LIGHT INSTALLATION - RED

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239800 | Ref | BEACON LIGHT INSTALLATION - RED | A |
| 1 | 3312602 | 1 | Nut 1-8 | |
| 2 | 3900085 | 2 | Screw #10 x 1/2 | |
| 3 | 4751000 | 2 | Washer #10 | |
| 4 | 1001149994 | 1 | Plate, Mounting | |
| 6 | 1001207004 | 1 | Light, Beacon | |
| 6 | 4460897 | 1 | Receptacle, Female - 2 Position | |
| 6 | 4460943 | 2 | Pin, Male | |

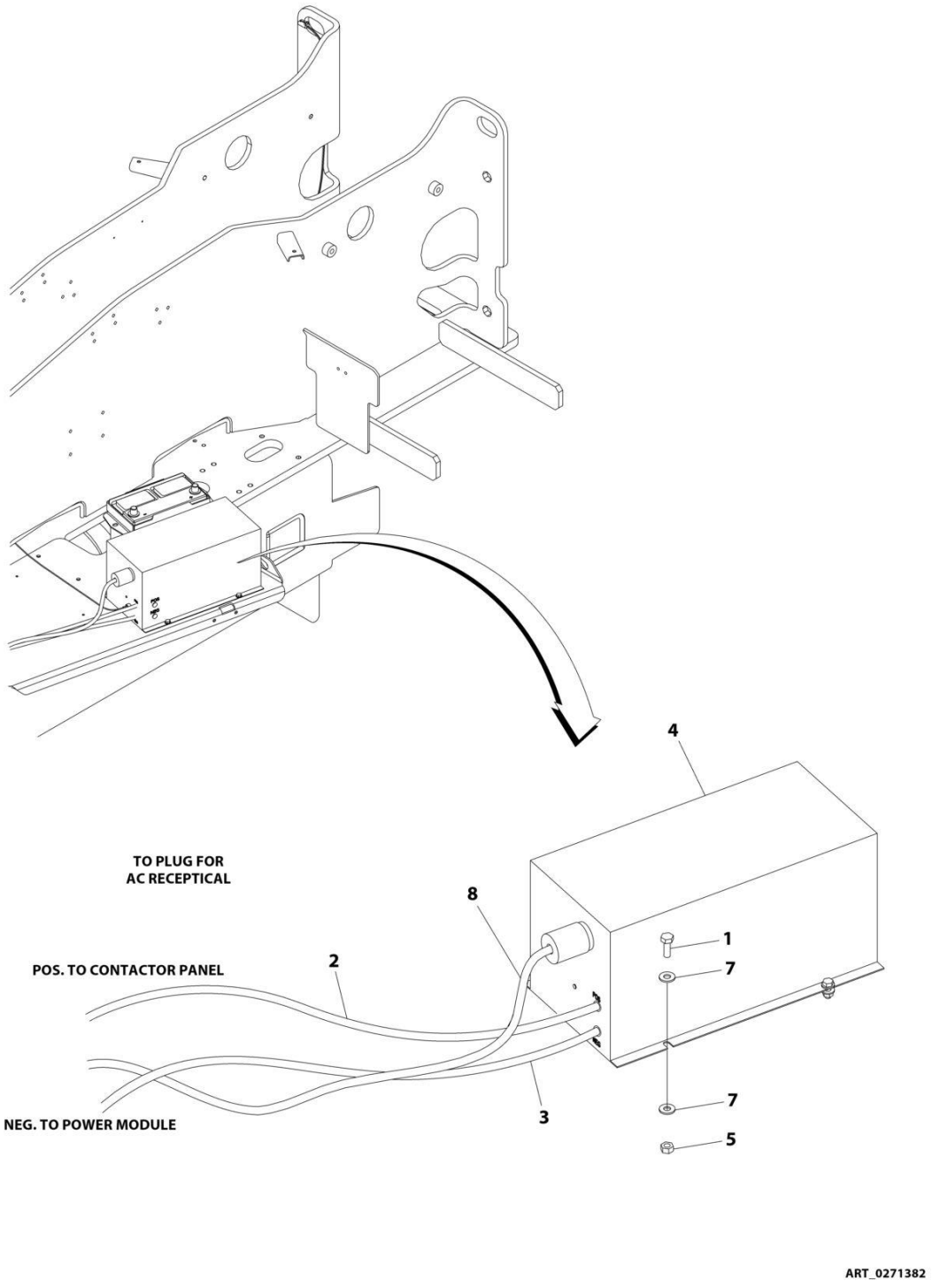
## FIGURE 2-40. INVERTER INSTALLATION - 110V (OPTIONAL)



## FIGURE 2-40. INVERTER INSTALLATION - 110V (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196190 | Ref | INVERTER INSTALLATION - 110V (OPTIONAL) | B |
| 1 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 2 | 1060827 | 1 | Cable, Electrical (+) | |
| 3 | 1060828 | 1 | Cable, Electrical (-) | |
| 4 | 2460037 | 1 | Inverter Assembly | |
| 5 | 3311405 | 4 | Nut 1/4 | |
| 6 | 4711400 | 8 | Washer 1/4 | |
| 7 | 1001192293 | 1 | Inverter Ignition Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 8 | 4922390 | 1 | Inverter Harness (See Separate Breakdown in ELECTRICAL Section) | |

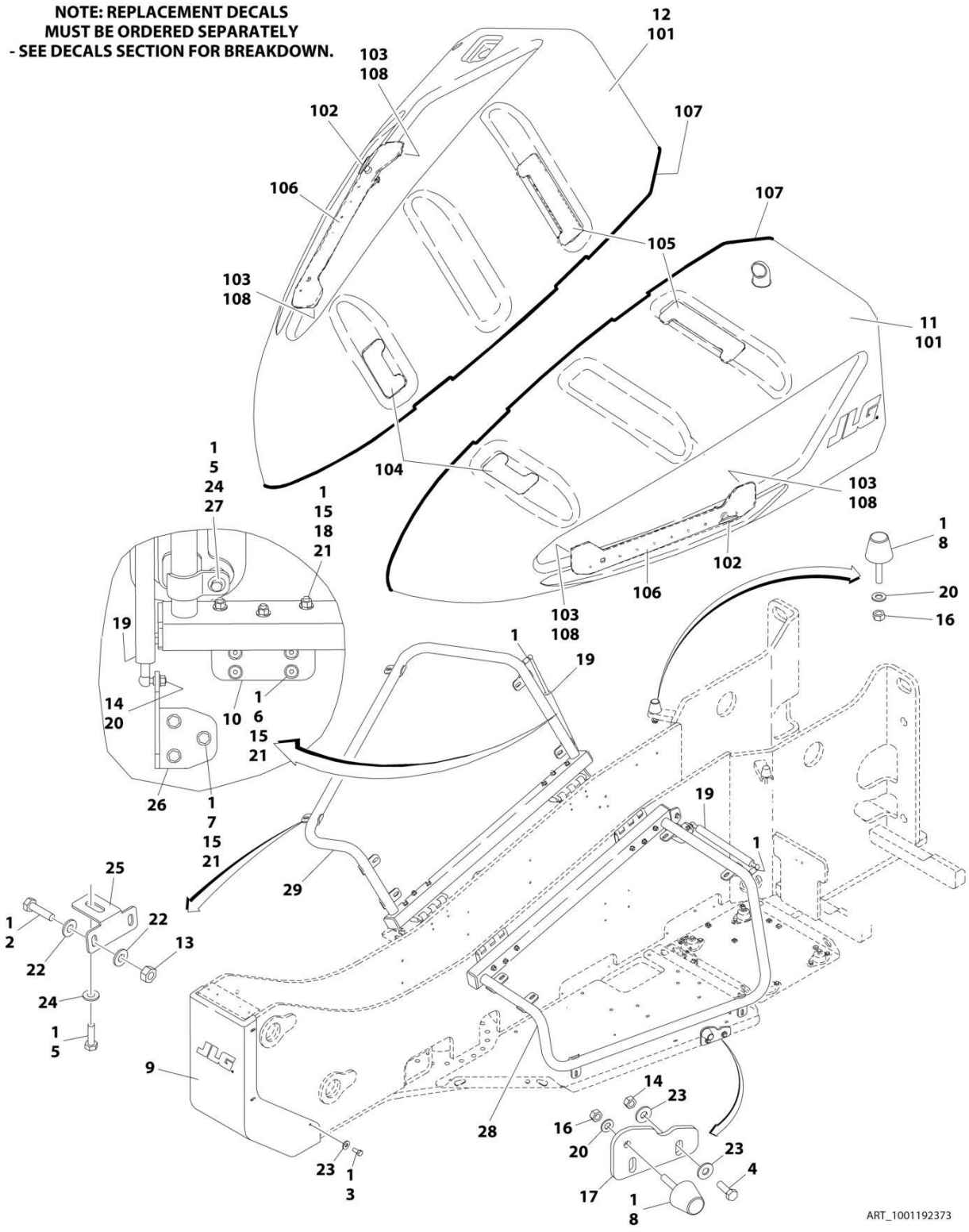
## FIGURE 2-41. INVERTER INSTALLATION - 220V (OPTIONAL)



## FIGURE 2-41. INVERTER INSTALLATION - 220V (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0271382 | Ref | INVERTER INSTALLATION - 220V (OPTIONAL) | B |
| 1 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 2 | 1060827 | 1 | Cable, Electrical (+) | |
| 3 | 1060828 | 1 | Cable, Electrical (-) | |
| 4 | 2460038 | 1 | Inverter Assembly | |
| 5 | 3311405 | 4 | Nut 1/4 | |
| 7 | 4711400 | 8 | Washer 1/4 | |
| 8 | 4922647 | 1 | Inverter Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 9 | 4460709 | 1 | Plug, Male (Not Shown - Plugs into Item 8) | |

## FIGURE 2-42. HOODS INSTALLATION

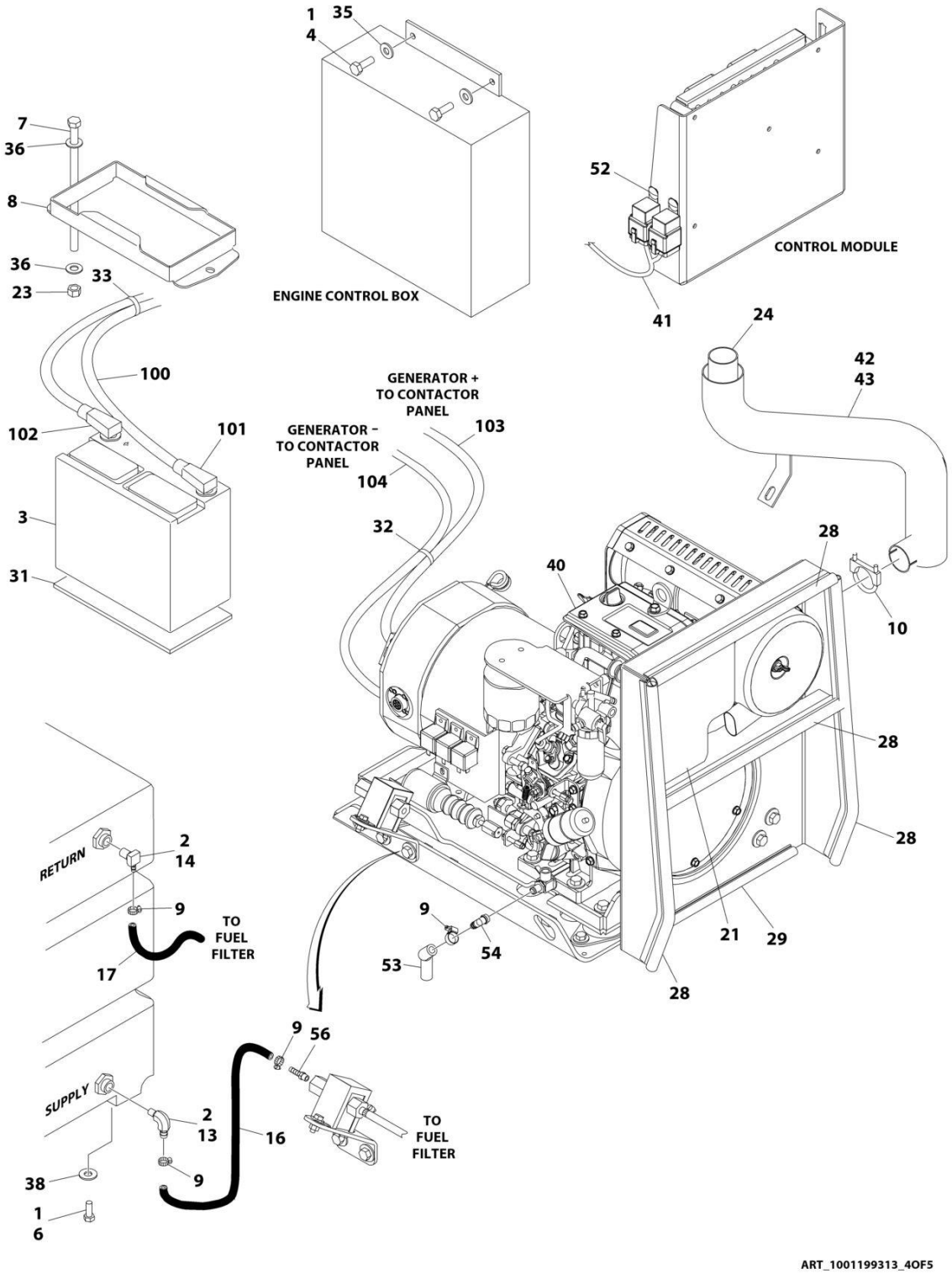


## FIGURE 2-42. HOODS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192373 | Ref | HOODS INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641407 | 8 | Bolt 1/4 x 7/8 | |
| 3 | 0641506 | 6 | Bolt 5/16 x 3/4 | |
| 4 | 0641508 | 4 | Bolt 5/16 x 1 | |
| 5 | 0641606 | 12 | Bolt 3/8 x 3/4 | |
| 6 | 0641610 | 16 | Bolt 3/8 x 1-1/4 | |
| 7 | 0641612 | 6 | Bolt 3/8 x 1-1/2 | |
| 8 | 0940088 | 4 | Bumper | |
| 9 | 1670930 | 1 | Cover, End | |
| 10 | 2600262 | 4 | Hinge, Offset | |
| 11 | 2680468 | 1 | Hood Assembly - Right Side (See Items 101-108 for Breakdown) | |
| 12 | 2680477 | 1 | Hood Assembly - Left Side (See Items 101-108 for Breakdown) | |
| 13 | 3311401 | 8 | Nut 1/4 | |
| 14 | 3311505 | 6 | Nut 5/16 | |
| 15 | 3311601 | 34 | Nut 3/8 | |
| 16 | 3321501 | 4 | Nut 5/16 | |
| 17 | 3572063 | 2 | Plate, Latch | |
| 18 | 3900232 | 12 | Screw 3/8 x 1-1/4 | |
| 19 | 4160194 | 2 | Spring, Gas | |
| 20 | 4711500 | 6 | Washer 5/16 | |
| 21 | 4711600 | 68 | Washer 3/8 | |
| 22 | 4751400 | 16 | Washer 1/4 | |
| 23 | 4751500 | 14 | Washer 5/16 | |
| 24 | 4751600 | 12 | Washer 3/8 | |
| 25 | 1001174542 | 4 | Bracket, Clamp | |
| 26 | 1001175575 | 2 | Plate, Gas Spring | |
| 27 | 1001175596 | 8 | Clamp | |
| 28 | 1001191596 | 1 | Support, Hood - Right Side | |
| 29 | 1001191597 | 1 | Support, Hood - Left Side | |
| | | Ref | HOOD ASSEMBLIES | |
| | 2680468 | Ref | Right Side | E |
| | 2680477 | Ref | Left Side | E |
| | | Ref | Note: Replacement Decals Must Be Ordered Separately - See DECALS Section. | |
| 101 | See Note | NSS | Hood, Molded (Note: Purchase Item #11 or #12 as Complete Assembly) | |
| 102 | | Ref | Latch (1 Per Assembly) Options: | |
| 102 | 2940124 | 2 | Non-Lockable | |
| 102 | 7027859 | 2 | Lockable | |
| 103 | 3340877 | 12 | Pad, Rubber (6 Per Assembly) | |
| 104 | 3571856 | 2 | Plate, Front Support (1 Per Assembly) | |
| 105 | 3571857 | 2 | Plate, Rear Support (1 Per Assembly) | |
| 106 | 3571858 | 2 | Plate, Handle (1 Per Assembly) | |
| 107 | 3960464 | 146 ft /44.5m | Seal (73ft/22.5m Per Assembly) | |
| 108 | 0100081 | AR | Adhesive | |

# SECTION 3 - ENGINE

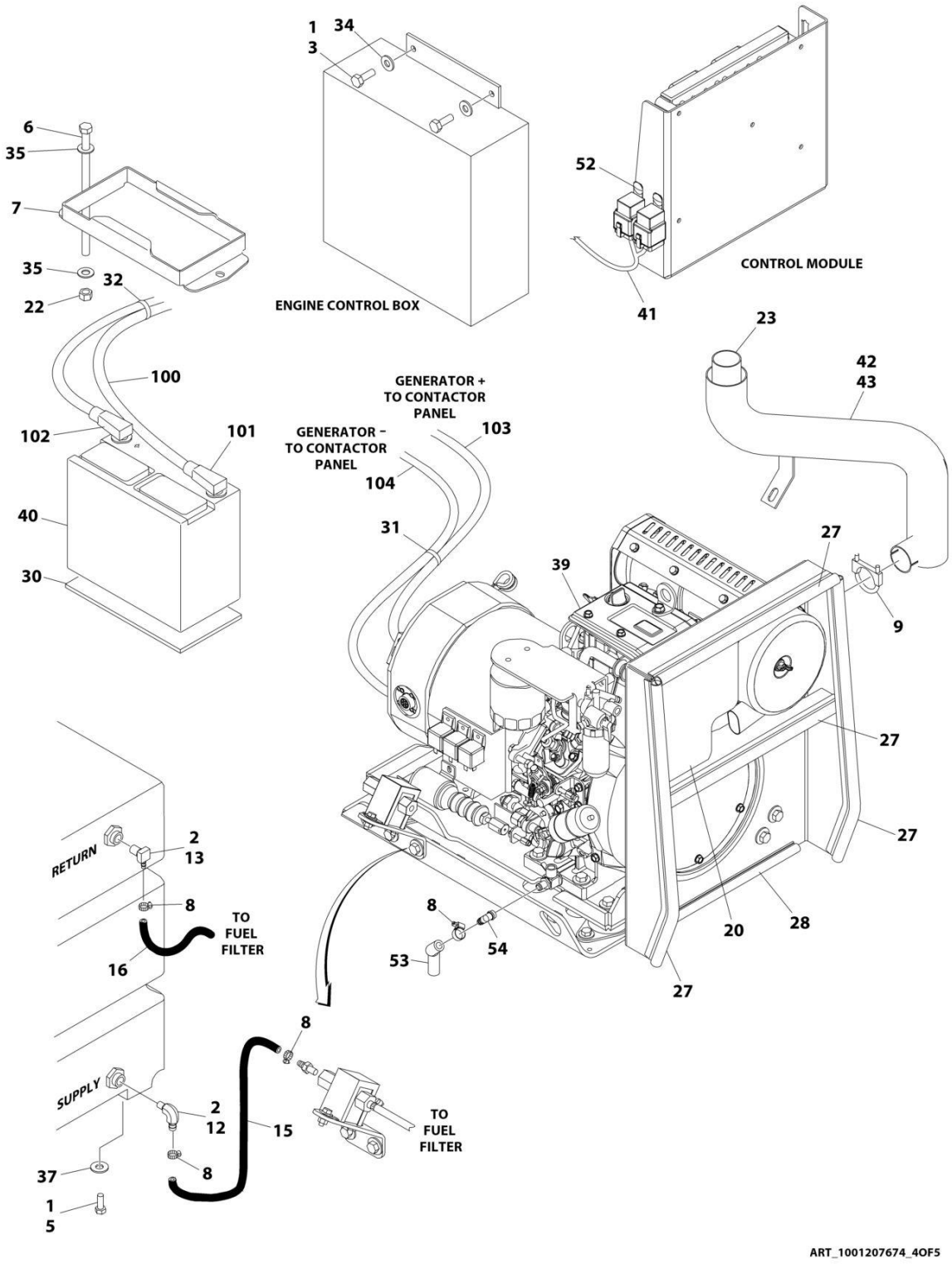
## FIGURE 3-1. ENGINE AND GENERATOR INSTALLATION - WITH STANDARD BATTERIES (H600SJ/H600SJP ONLY)



## FIGURE 3-1. ENGINE AND GENERATOR INSTALLATION - WITH STANDARD BATTERIES (H600SJ/H600SJP ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199313 | Ref | ENGINE AND GENERATOR INSTALLATION | G |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0400201 | 1 | Battery, Standard | |
| 4 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 6 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 7 | 0641660 | 2 | Bolt 3/8 x 7-1/2 | |
| 8 | 0902659 | 1 | Bracket, Battery Hold-Down | |
| 9 | 1320022 | 4 | Clamp, Hose | |
| 10 | 1320135 | 1 | Clamp, Muffler | |
| 11 | 1701505 | 1 | Decal - Diesel Fuel (Not Shown - Located on Hood) | |
| 12 | 2200222 | 2 | Plug, Pipe (Not Shown - Fuel Tank) | |
| 13 | 2221046 | 1 | Fitting, Elbow Barbed | |
| 14 | 2221047 | 1 | Fitting, Elbow Barbed | |
| 16 | 2720058 | 3.5 ft/ 1.1m | Hose, Fuel Line | |
| 17 | 2720271 | 5.5 ft/ 1.8m | Hose, Fuel Line | |
| 21 | 2820232 | 1 | Insulation, Noise Reduction | |
| 23 | 3311605 | 2 | Nut 3/8 | |
| 24 | 3460492 | 1 | Tube, Exhaust | |
| 28 | 3960389 | 5.6 ft/ 1.8m | Seal, Rubber | |
| 29 | 3960418 | 1.1 ft/ 0.3m | Seal, Rubber | |
| 31 | 3980035 | 1 | Seat, Battery | |
| 32 | 4240018 | AR | Tie-Strap | |
| 33 | 4240178 | 1 | Strap, Cable Tie | |
| 35 | 4711400 | 4 | Washer 1/4 | |
| 36 | 4711600 | 4 | Washer 3/8 | |
| 38 | 4751600 | 4 | Washer 3/8 | |
| 40 | 1001248082 | 1 | Engine, Kubota Assembly (See Separate Breakdown in this Section) | |
| 41 | 1001199409 | 1 | Generator Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 1001208628 | 1 | Sleeve | |
| 43 | 4920385 | 8.5 in/ 21.6cm | Wire, Safety | |
| 52 | 1380158 | 2 | Clip | |
| 53 | 1001165035 | 3.5 in/ 8.89cm | Hose | |
| 54 | 1001221386 | 1 | Adapter | |
| 56 | 2220794 | 1 | Fitting, Straight Barbed | |
| 100 | 1001200381 | 1 | Battery Cable Kit | |
| 101 | 1060819 | 1 | Cable, Battery (Battery - to Ground) | |
| 102 | 1060820 | 1 | Cable, Battery (Battery + to Starter) | |
| 103 | 1001202373 | 1 | Cable, Battery (Generator + to Contactor Panel) | |
| 104 | 1001202374 | 1 | Cable, Battery (Generator - to Contactor Panel) | |

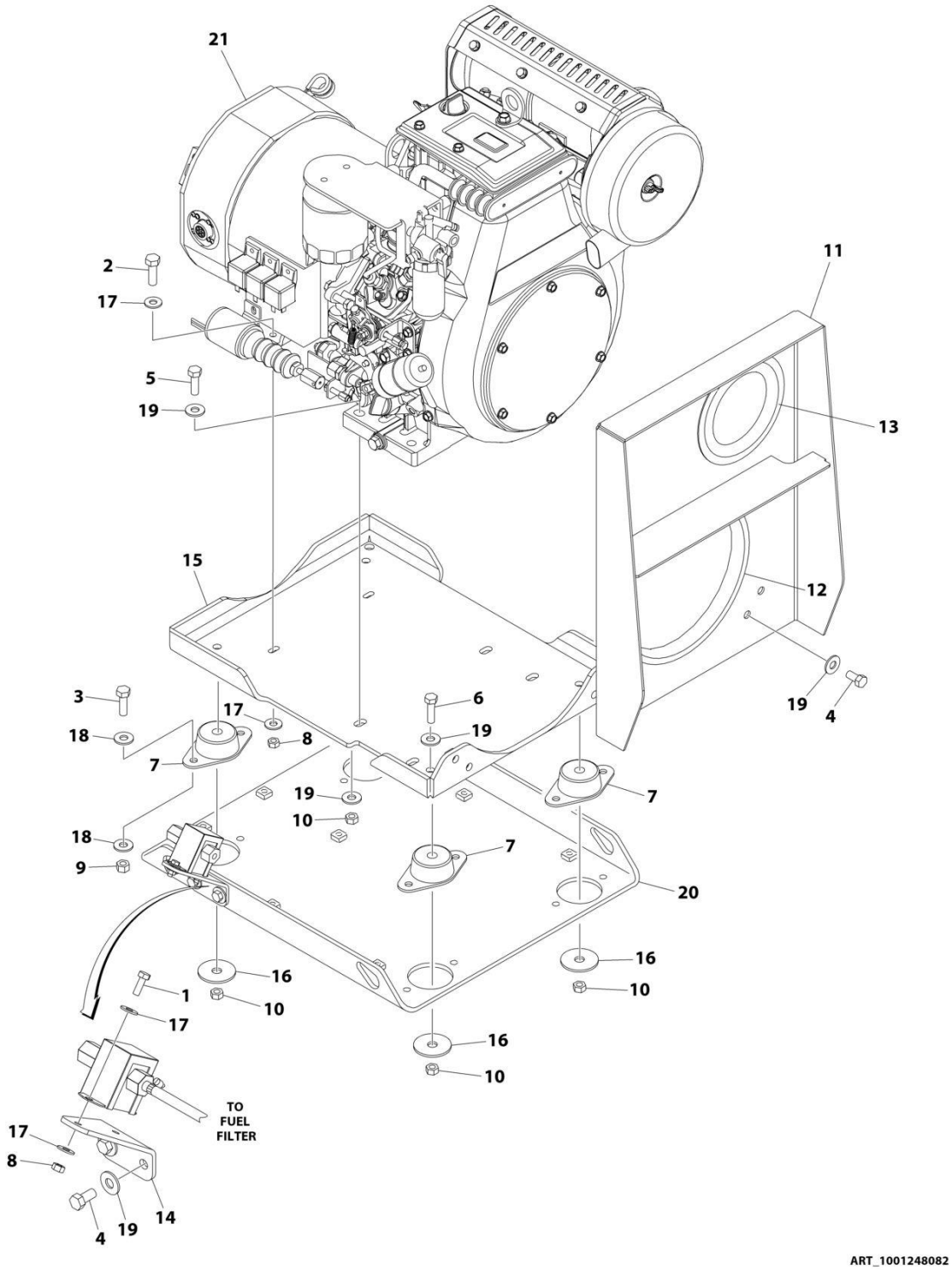
## FIGURE 3-2. ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP ONLY)



## FIGURE 3-2. ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207674 | Ref | ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES | F |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0100020 | AR | Sealant, Pipe | |
| 3 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 5 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 6 | 0641660 | 2 | Bolt 3/8 x 7-1/2 | |
| 7 | 0902659 | 1 | Bracket, Battery Hold-Down | |
| 8 | 1320022 | 4 | Clamp, Hose | |
| 9 | 1320135 | 1 | Clamp, Muffler | |
| 10 | 1701505 | 1 | Decal - Diesel Fuel (Not Shown - Located on Hood) | |
| 11 | 2200222 | 2 | Plug, Pipe (Not Shown - Fuel Tank) | |
| 12 | 2221046 | 1 | Fitting, Elbow Barbed | |
| 13 | 2221047 | 1 | Fitting, Elbow Barbed | |
| 15 | 2720058 | 3.5 ft/ 1.1m | Hose, Fuel Line | |
| 16 | 2720271 | 5.5 ft/ 1.8m | Hose, Fuel Line | |
| 20 | 2820232 | 1 | Insulation, Noise Reduction | |
| 22 | 3311605 | 2 | Nut 3/8 | |
| 23 | 3460492 | 1 | Tube, Exhaust | |
| 27 | 3960389 | 5.6 ft/ 1.8m | Seal, Rubber | |
| 28 | 3960418 | 1.1 ft/ 0.3m | Seal, Rubber | |
| 30 | 3980035 | 1 | Seat, Battery | |
| 31 | 4240018 | AR | Tie-Strap | |
| 32 | 4240178 | 1 | Strap, Cable Tie | |
| 34 | 4711400 | 4 | Washer 1/4 | |
| 35 | 4711600 | 4 | Washer 3/8 | |
| 37 | 4751600 | 4 | Washer 3/8 | |
| 39 | 1001248082 | 1 | Engine, Kubota Assembly (See Separate Breakdown in this Section) | |
| 40 | 1001196117 | 1 | Battery, AGM | |
| 41 | 1001199409 | 1 | Harness, Generator (See Separate Breakdown in ELECTRICAL Section) | |
| 42 | 1001208628 | 1 | Sleeve | |
| 43 | 4920385 | 8.5 in/ 21.6cm | Wire, Safety | |
| 52 | 1380158 | 2 | Clip | |
| 53 | 1001165035 | 3.5 in/ 8.89cm | Hose | |
| 54 | 1001221386 | 1 | Adapter | |
| 100 | 1001200381 | 1 | Battery Cable Kit | |
| 101 | 1060819 | 1 | Cable, Battery (Battery - to Ground) | |
| 102 | 1060820 | 1 | Cable, Battery (Battery + to Starter) | |
| 103 | 1001202373 | 1 | Cable, Battery (Generator + to Contactor Panel) | |
| 104 | 1001202374 | 1 | Cable, Battery (Generator - to Contactor Panel) | |

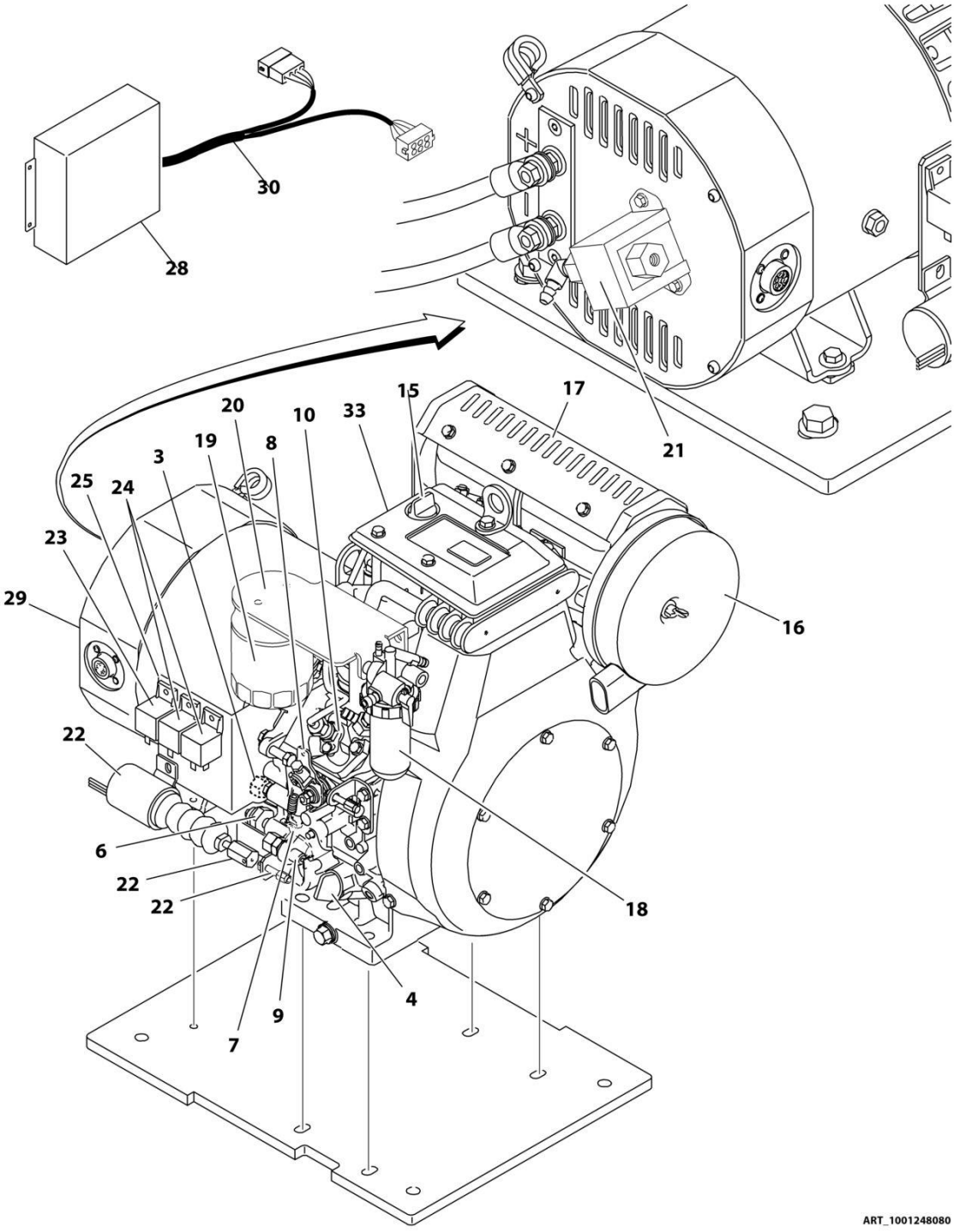
## FIGURE 3-3. KUBOTA ENGINE ASSEMBLY (H600SJ/H600JP ONLY)



## FIGURE 3-3. KUBOTA ENGINE ASSEMBLY (H600SJ/H600JP ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248082 | Ref | KUBOTA ENGINE ASSEMBLY | B |
| 1 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 2 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 3 | 0641508 | 8 | Bolt 5/16 x 1 | |
| 4 | 0641606 | 6 | Bolt 3/8 x 3/4 | |
| 5 | 0641614 | 4 | Bolt 3/8 x 1-3/4 | |
| 6 | 0641618 | 4 | Bolt 3/8 x 2-1/4 | |
| 7 | 3200425 | 4 | Mount, Motor | |
| 8 | 3311405 | 4 | Nut 1/4 | |
| 9 | 3311505 | 8 | Nut 5/16 | |
| 10 | 3311605 | 8 | Nut 3/8 | |
| 11 | 3380620 | 1 | Engine, Baffle | |
| 12 | 3960389 | 18 in /46cm | Seal | |
| 13 | 3960418 | 28 in /71cm | Seal | |
| 14 | 4341107 | 1 | Plate, Fuel Pump Mounting | |
| 15 | 4341109 | 1 | Plate, Engine Mounting | |
| 16 | 4740274 | 4 | Washer, Snubbing | |
| 17 | 4751400 | 8 | Washer 1/4 | |
| 18 | 4751500 | 16 | Washer 5/16 | |
| 19 | 4751600 | 18 | Washer 3/8 | |
| 20 | 4846188 | 1 | Tray | |
| 21 | 1001248080 | 1 | Engine, Kubota (See Separate Breakdown in this Section) | |

## FIGURE 3-4. KUBOTA ENGINE COMPONENTS (H600SJ/H600JP ONLY)

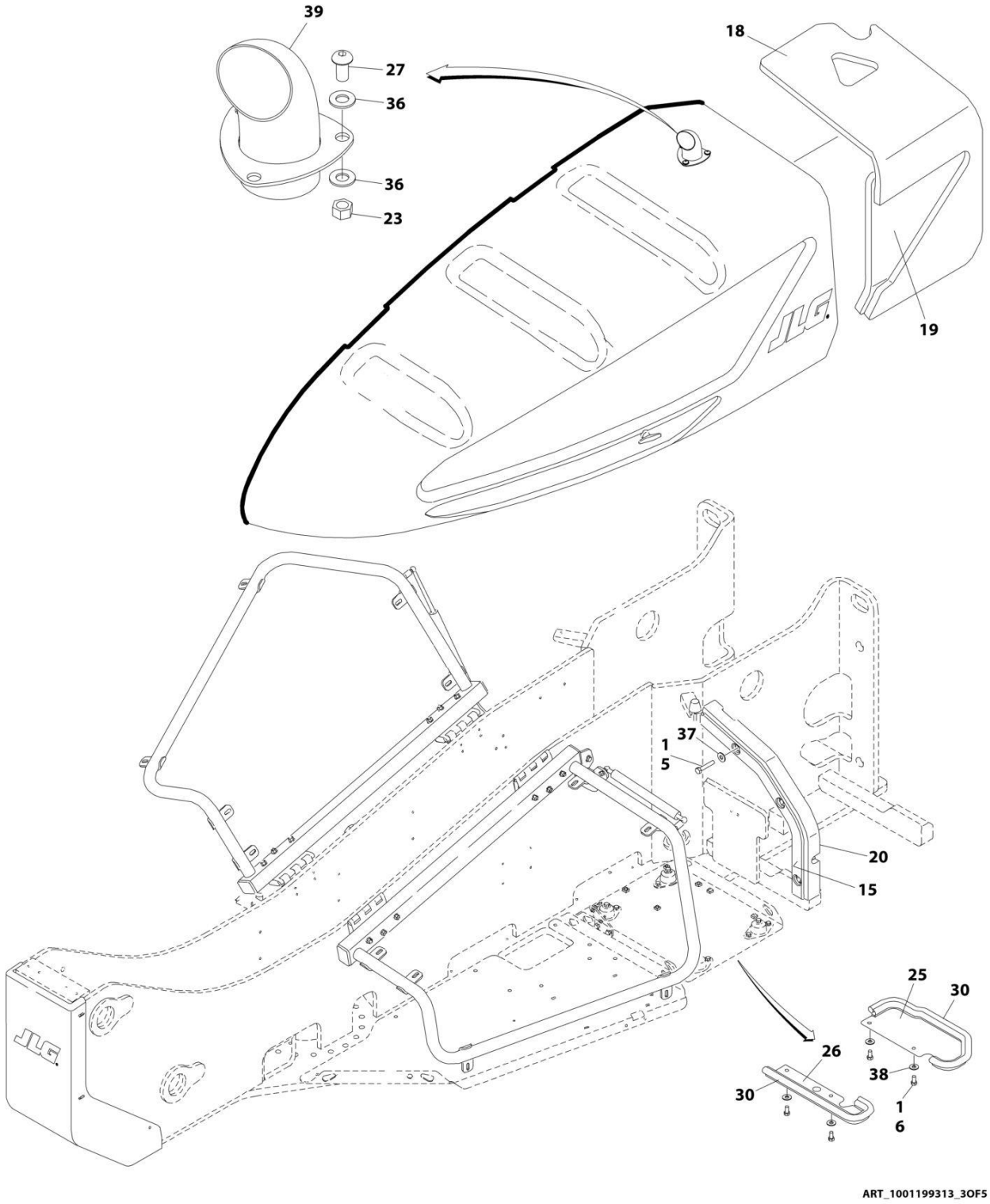


## FIGURE 3-4. KUBOTA ENGINE COMPONENTS (H600SJ/H600JP ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248080 | Ref | KUBOTA MOTOR/GENERATOR COMPONENTS | A |
| 1 | 70000290 | 1 | Glow Plug (Not Shown) | |
| 1 | 70000291 | 1 | Harness, Glow Plug (Not Shown) | |
| 2 | 70000292 | 1 | Screen, Oil Sump (Includes O-Ring) (Not Shown) | |
| 3 | 70000293 | 1 | Cap, Oil Filler (Includes O-Ring) | |
| 4 | 70000294 | 1 | Dipstick | |
| 5 | 70000295 | 1 | Pump, Oil Rotor (Not Shown - Located beside Item 6) | |
| 5 | 70000296 | 1 | O-Ring Oil Rotor Pump (Not Shown) | |
| 6 | 70000297 | 1 | Switch, Oil | |
| 7 | 70000298 | 1 | Lever, Governor | |
| 7 | 70000299 | 1 | Pin, Governor Lever | |
| 7 | 70000300 | 1 | Spring, Governor Lever | |
| 8 | 70000301 | 1 | Spring, Idling | |
| 8 | 70000304 | 1 | Lever, Spring Control | |
| 8 | 70000305 | 1 | Spring, Stop (Speed Control Lever) | |
| 9 | 70000302 | 1 | Valve, Fuel Limit | |
| 9 | 70000303 | 1 | Gasket, Fuel Limit | |
| 10 | 70000306 | 1 | Pump, Injection | |
| 10 | 70000307 | 1 | Kit, Pump Adjustment Shim | |
| 11 | 70000308 | 1 | Flywheel/Ring Gear Assembly (Not Shown - Located Behind Front Cover) | |
| 11 | 70000309 | 1 | Ring Gear (Not Shown) | |
| 11 | 70001121 | 1 | Stator, Engine (Not Shown - Located Behind Flywheel) (Includes Coil & Grommet) | |
| 12 | 70003557 | 1 | Regulator, Voltage (Not Shown - Located on Opposite Side of Engine) | |
| 13 | 70000310 | 1 | Starter (Not Shown - Located on Opposite of Engine) | |
| 14 | 70000311 | 1 | Solenoid, Starter (Not Shown - Located on Opposite Side of Engine) | |
| 15 | 70002244 | 1 | Cap, Oil Filler (Includes O-Ring) | |
| 16 | 70000312 | 1 | Air Filter Assembly | |
| 16 | 70000313 | 1 | Element, Air Cleaner | |
| 16 | 70000314 | 1 | Gasket, Air Cleaner | |
| 17 | 70000315 | 1 | Muffler Assembly | |
| 17 | 70000316 | 1 | Gasket, Muffler | |
| 18 | 70000317 | 1 | Inline Fuel Check Valve Assembly | |
| 18 | 70000967 | 1 | Fuel Filter Assembly | |
| 18 | 70000318 | 1 | Element, Fuel Filter | |
| 19 | 70000319 | 1 | Element, Oil Filter | |
| 19 | 70001144 | 1 | Head, Oil Filter Head (Note: Does Not Include Element) | |
| 20 | 70002544 | 1 | Bracket, Oil Filter Mount | |
| 21 | 70000320 | 1 | Pump, Fuel | |
| 22 | 70000321 | 1 | Solenoid, Fuel | |
| 22 | 70003618 | 1 | Adapter, Solenoid | |
| 22 | 70003619 | 1 | Screw | |
| 23 | 70000322 | 1 | Relay | |
| 24 | 70000323 | 2 | Relay | |
| 25 | 70002083 | 1 | Bracket, Solenoid/Relay | |
| 26 | 70000324 | 1 | Sensor, Speed (Not Shown - Located Inside Front Cover) | |
| 26 | 70004265 | 1 | Bracket, Speed Sensor (Not Show - Located Inside Front Cover) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 27 | 70000325 | 1 | Sensor, Oil Temperature (Not Shown - Located on Opposite Side of Engine Base) | |
| 28 | 70000326 | 1 | Module, Engine Control | |
| 29 | 70000327 | 1 | Alternator | |
| 29 | 70000382 | 1 | Stator, Alternator | |
| 29 | 70004394 | 1 | Lead, Field Terminal Block Diode | |
| 30 | 70000328 | 1 | Harness, Generator | |
| 31 | 70000329 | 1 | Fuse 15Amp (Not Shown) | |
| 32 | 70000330 | 1 | Fuse 20Amp (Not Shown) | |
| 33 | 70002543 | 1 | Engine, Kubota (without Generator) | |
| 34 | 70000289 | 1 | Regulator, Voltage (Not Shown - Located on Opposite Side of Engine) | |

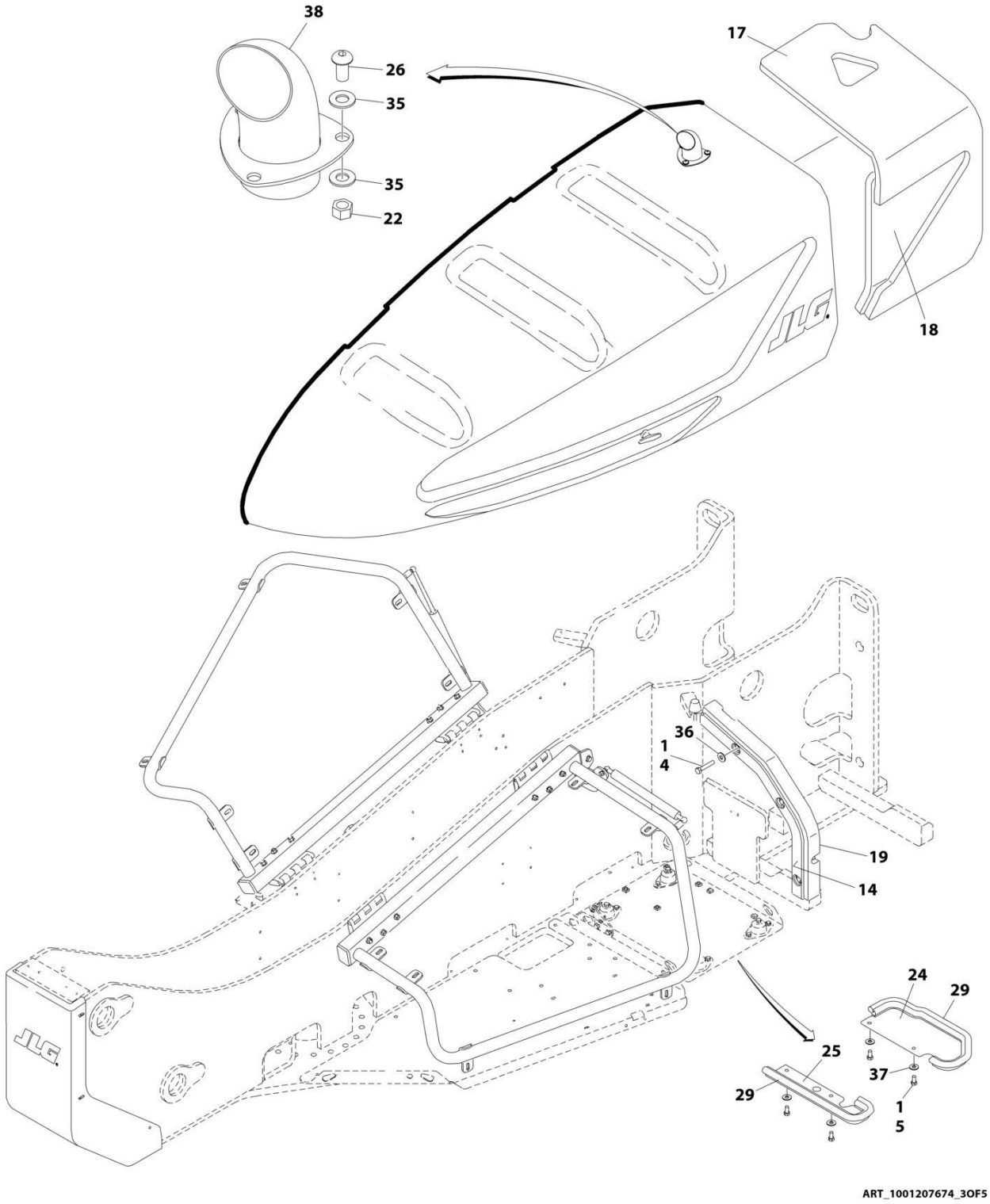
## FIGURE 3-5. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)



## FIGURE 3-5. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199313 | Ref | EXHAUST STACK AND BAFFLES INSTALLATION - WITH STANDARD BATTERIES | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 5 | 0641514 | 3 | Bolt 5/16 x 1-3/4 | |
| 6 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 15 | 2680482 | 1 | Trim, Hood | |
| 18 | 2820122 | 1 | Insulation | |
| 19 | 2820123 | 1 | Insulation | |
| 20 | 2820126 | 1 | Insulator | |
| 23 | 3311605 | 3 | Nut 3/8 | |
| 25 | 3572348 | 1 | Plate, Cover | |
| 26 | 3572349 | 1 | Plate, Cover | |
| 27 | 3900283 | 3 | Screw | |
| 30 | 3960464 | 4 ft/ 1.2m | Seal | |
| 36 | 4711600 | 6 | Washer 3/8 | |
| 37 | 4751500 | 3 | Washer 5/16 | |
| 38 | 4751600 | 4 | Washer 3/8 | |
| 39 | 4846210 | 1 | Tube, Exhaust | |

## FIGURE 3-6. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)



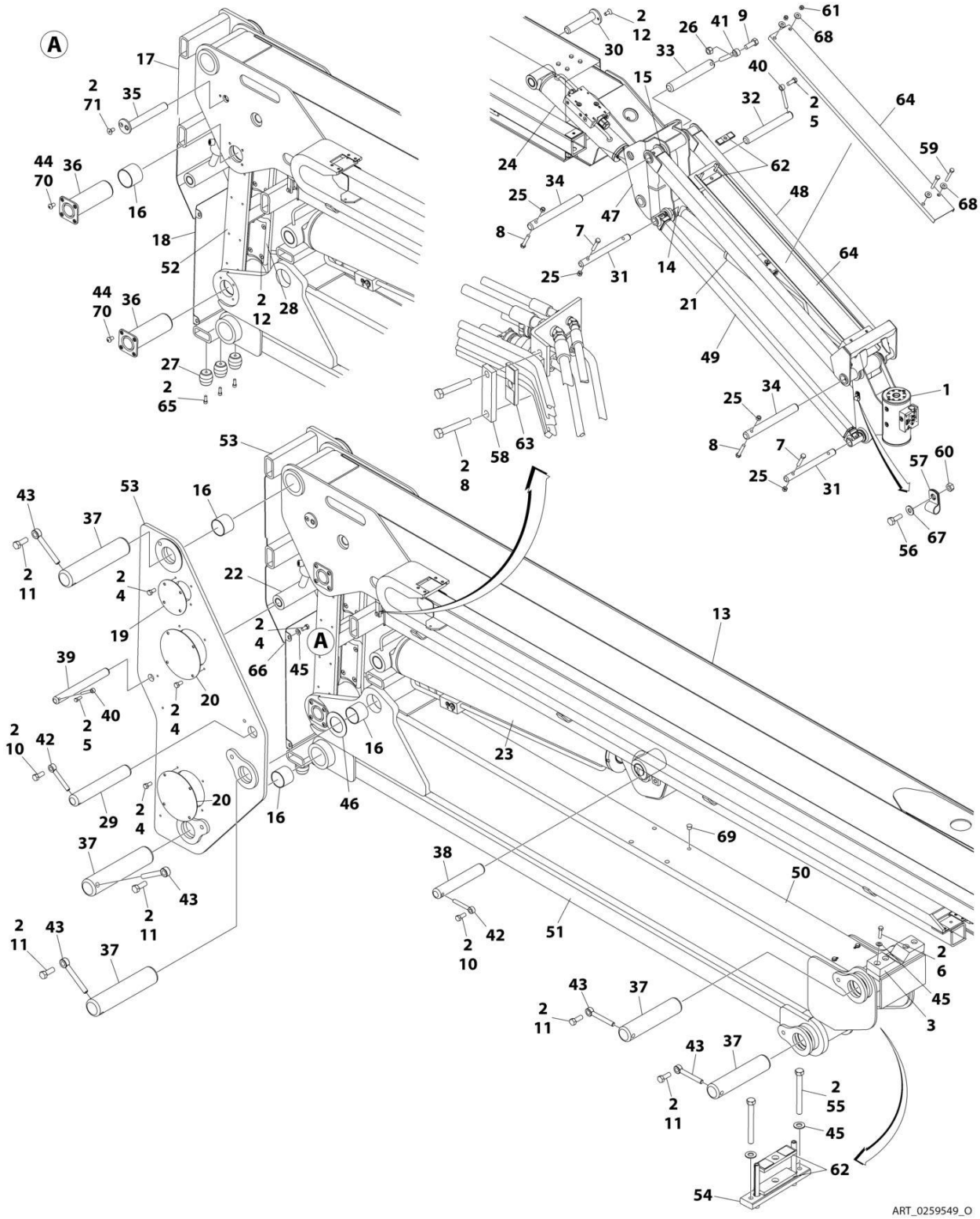
## FIGURE 3-6. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207674 | Ref | EXHAUST STACK AND BAFFLES INSTALLATION - WITH STANDARD BATTERIES | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 4 | 0641514 | 3 | Bolt 5/16 x 1-3/4 | |
| 5 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 14 | 2680482 | 1 | Trim, Hood | |
| 17 | 2820122 | 1 | Insulation | |
| 18 | 2820123 | 1 | Insulation | |
| 19 | 2820126 | 1 | Insulator | |
| 22 | 3311605 | 3 | Nut 3/8 | |
| 24 | 3572348 | 1 | Plate, Cover | |
| 25 | 3572349 | 1 | Plate, Cover | |
| 26 | 3900283 | 3 | Screw | |
| 29 | 3960464 | 4 ft/1.2m | Seal | |
| 35 | 4711600 | 6 | Washer 3/8 | |
| 36 | 4751500 | 3 | Washer 5/16 | |
| 37 | 4751600 | 4 | Washer 3/8 | |
| 38 | 4846210 | 1 | Tube, Exhaust | |

# SECTION 4 - BOOM

# SECTION 4 - BOOM

## FIGURE 4-1. BOOM INSTALLATION (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)

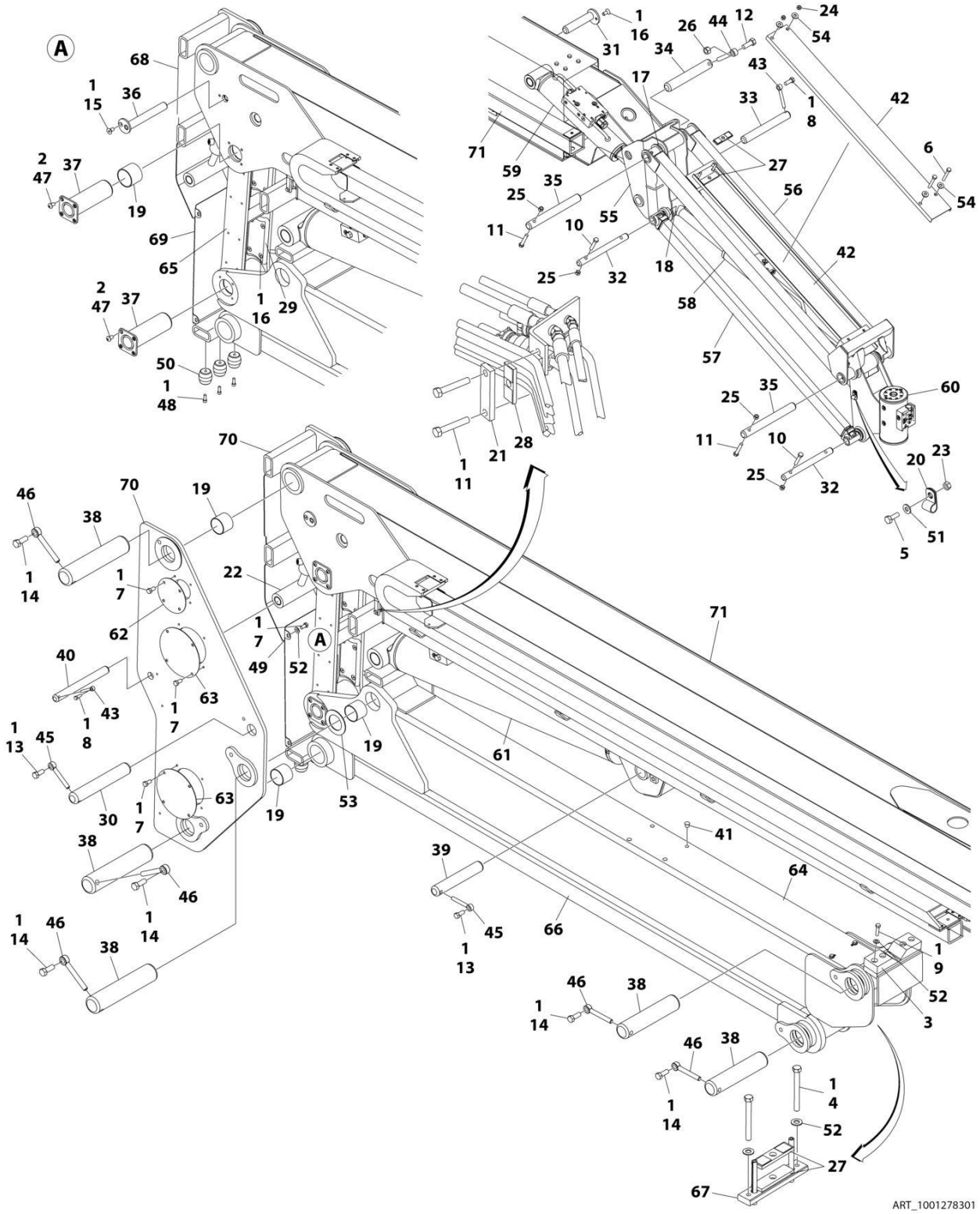


## FIGURE 4-1. BOOM INSTALLATION (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0259549 | Ref | BOOM INSTALLATION | O |
| 1 | 1001217779 | 1 | Platform Rotator Assembly (See Separate Breakdown in this Section) | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0561380 | 2 | Block, Boom Rest | |
| 4 | 0641606 | 32 | Bolt 3/8 x 3/4 | |
| 5 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 6 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 7 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 8 | 0641618 | 4 | Bolt 3/8 x 2-1/4 | |
| 9 | 0641811 | 1 | Bolt 1/2 x 1-3/8 | |
| 10 | 0642012 | 2 | Bolt 5/8 x 1-1/2 | |
| 11 | 0642216 | 5 | Bolt 3/4 x 2 | |
| 12 | 0741607 | 17 | Screw 3/8 x 7/8 | |
| 13 | 0801207 | 1 | Main Boom Assembly (See Separate Breakdown in this Section) | |
| 14 | 0962292 | 2 | Bushing | |
| 15 | 0961951 | 2 | Bushing | |
| 16 | 0962297 | 12 | Bushing | |
| 17 | 1670911 | 1 | Cover, Upright Upper | |
| 18 | 1670912 | 1 | Cover, Upright Lower | |
| 19 | 1670913 | 2 | Cover, Pin | |
| 20 | 1670928 | 4 | Cover, Pin | |
| 21 | 1001140282 | 1 | Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER Section) | |
| 22 | 1683866 | 1 | Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 23 | 1001251014 | 1 | Lift Cylinder Assembly - Main Boom (See Separate Breakdown in CYLINDER Section) | |
| 24 | 1001140596 | 1 | Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER Section) | |
| 25 | 3311605 | 6 | Nut 3/8 | |
| 26 | 3311805 | 1 | Nut 1/2 | |
| 27 | 4160187 | 3 | Spring, Rubber | |
| 28 | 3340873 | 4 | Pad, Hose Guide | |
| 29 | 3422568 | 1 | Pin | |
| 30 | 3422583 | 1 | Pin | |
| 31 | 3422791 | 2 | Pin | |
| 32 | 3422792 | 1 | Pin | |
| 33 | 3422793 | 1 | Pin | |
| 34 | 3422794 | 2 | Pin | |
| 35 | 3422808 | 1 | Pin | |
| 36 | 3422811 | 2 | Pin | |
| 37 | 3422830 | 5 | Pin | |
| 38 | 3422833 | 1 | Pin | |
| 39 | 3422834 | 1 | Pin | |
| 40 | 3841143 | 2 | Keeper, Pin 3/8 | |
| 41 | 3841203 | 1 | Keeper, Pin 1/2 | |
| 42 | 3841258 | 2 | Keeper, Pin 5/8 | |
| 43 | 3841287 | 5 | Keeper, Pin 3/4 | |
| 44 | 3900280 | 8 | Screw 3/8 x 5/8 | |
| 45 | 4711600 | 14 | Washer 3/8 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 4740492 | 2 | Thrustwasher | |
| 47 | 4845925 | 1 | Pivot Weldment | |
| 48 | 4846278 | 1 | Link, Jib (Top) | |
| 49 | 1001094670 | 2 | Link, Jib (Bottom) | |
| 50 | 4846066 | 1 | Tower Boom Weldment | |
| 51 | 4846067 | 1 | Tower Link Weldment | |
| 52 | 4846074 | 1 | Upright Link Weldment | |
| 53 | 4846075 | 1 | Upright Weldment | |
| 54 | 0362929 | 1 | Clamp, Bar | |
| 55 | 0630539 | 2 | Capscrew 3/8 x 2-1/4 | |
| 56 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 57 | 1320070 | 2 | Clamp, Cable | |
| 58 | 1320277 | 1 | Clamp, Hose | |
| 59 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 60 | 3311405 | 2 | Nut 1/4 | |
| 61 | 3311501 | 4 | Nut 5/16 | |
| 62 | 3340860 | 6 | Pad, Rubber | |
| 63 | 3340861 | 2 | Pad, Rubber | |
| 64 | 3572551 | 2 | Channel, Hose Carrier | |
| 65 | 3931616 | 3 | Bolt 3/8 x 2 | |
| 66 | 3960418 | 10 in/ 25cm | Seal | |
| 67 | 4711400 | 2 | Washer 1/4 | |
| 68 | 4751500 | 6 | Washer 5/16 | |
| 69 | 3520034 | 4 | Plug, Hole | |
| 70 | 0100019 | AR | Compound, Locking | |
| 71 | 0741606 | 1 | Bolt 3/8 x 3/4 | |

## FIGURE 4-2. BOOM INSTALLATION (EC600SJ) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 4-2. BOOM INSTALLATION (EC600SJ) (MACHINES WITH SN STARTING WITH B3)

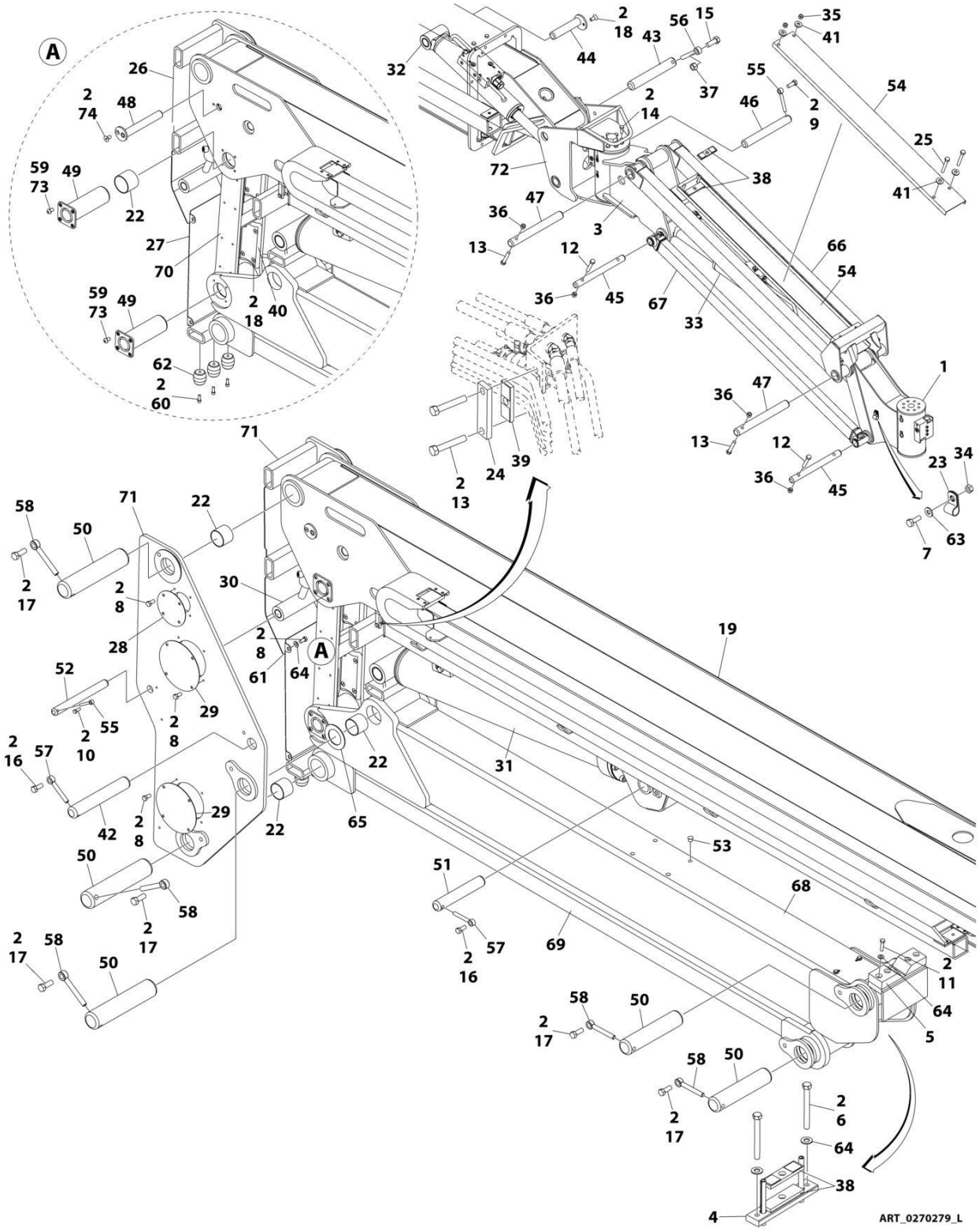
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001278301 | Ref | BOOM INSTALLATION (EC600SJ) | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100019 | AR | Compound, Locking | |
| 3 | 0561380 | 2 | Block, Boom Rest | |
| 4 | 0630539 | 2 | Capscrew 3/8 x 2-1/4 | |
| 5 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 6 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 7 | 0641606 | 32 | Bolt 3/8 x 3/4 | |
| 8 | 0641608 | 2 | Bolt 3/8 x 1 | |
| 9 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 10 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 11 | 0641618 | 4 | Bolt 3/8 x 2-1/4 | |
| 12 | 0641811 | 1 | Bolt 1/2 x 1-3/8 | |
| 13 | 0642012 | 2 | Bolt 5/8 x 1-1/2 | |
| 14 | 0642216 | 5 | Bolt 3/4 x 2 | |
| 15 | 0741606 | 1 | Bolt 3/8 x 3/4 | |
| 16 | 0741607 | 17 | Screw 3/8 x 7/8 | |
| 17 | 0961951 | 2 | Bushing | |
| 18 | 0962292 | 2 | Bushing | |
| 19 | 0962297 | 12 | Bushing | |
| 20 | 1320070 | 2 | Clamp, Cable | |
| 21 | 1320277 | 1 | Clamp, Hose | |
| 22 | 1683866 | 1 | Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 23 | 3311405 | 2 | Nut 1/4 | |
| 24 | 3311501 | 4 | Nut 5/16 | |
| 25 | 3311605 | 6 | Nut 3/8 | |
| 26 | 3311805 | 1 | Nut 1/2 | |
| 27 | 3340860 | 6 | Pad, Rubber | |
| 28 | 3340861 | 2 | Pad, Rubber | |
| 29 | 3340873 | 4 | Pad, Hose Guide | |
| 30 | 3422568 | 1 | Pin | |
| 31 | 3422583 | 1 | Pin | |
| 32 | 3422791 | 2 | Pin | |
| 33 | 3422792 | 1 | Pin | |
| 34 | 3422793 | 1 | Pin | |
| 35 | 3422794 | 2 | Pin | |
| 36 | 3422808 | 1 | Pin | |
| 37 | 3422811 | 2 | Pin | |
| 38 | 3422830 | 5 | Pin | |
| 39 | 3422833 | 1 | Pin | |
| 40 | 3422834 | 1 | Pin | |
| 41 | 3520034 | 4 | Plug, Hole | |
| 42 | 3572551 | 2 | Channel, Hose Carrier | |
| 43 | 3841143 | 2 | Keeper, Pin 3/8 | |
| 44 | 3841203 | 1 | Keeper, Pin 1/2 | |
| 45 | 3841258 | 2 | Keeper, Pin 5/8 | |
| 46 | 3841287 | 5 | Keeper, Pin 3/4 | |
| 47 | 3900280 | 8 | Screw 3/8 x 5/8 | |
| 48 | 3931616 | 3 | Bolt 3/8 x 2 | |

# SECTION 4 - BOOM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 49 | 3960418 | 10 in/ 25cm | Seal | |
| 50 | 4160187 | 3 | Spring, Rubber | |
| 51 | 4711400 | 2 | Washer 1/4 | |
| 52 | 4711600 | 14 | Washer 3/8 | |
| 53 | 4740492 | 2 | Thrustwasher | |
| 54 | 4751500 | 6 | Washer 5/16 | |
| 55 | 4845925 | 1 | Pivot Weldment | |
| 56 | 4846278 | 1 | Link, Jib (Top) | |
| 57 | 1001094670 | 2 | Link, Jib (Bottom) | |
| 58 | 1001140282 | 1 | Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER Section) | |
| 59 | 1001140596 | 1 | Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER Section) | |
| 60 | 1001217779 | 1 | Platform Rotator Assembly (See Separate Breakdown in this Section) | |
| 61 | 1001251014 | 1 | Lift Cylinder Assembly - Main Boom (See Separate Breakdown in CYLINDER Section) | |
| 62 | 1001276068 | 2 | Plate, Pin | |
| 63 | 1001276113 | 4 | Plate, Pin | |
| 64 | 1001276159 | 1 | Tower Boom Mount | |
| 65 | 1001276163 | 1 | Boom Link Mount | |
| 66 | 1001276169 | 1 | Tower Link Mount | |
| 67 | 1001276170 | 1 | Clamp, Bar | |
| 68 | 1001276178 | 1 | Cover, Upright Upper | |
| 69 | 1001276179 | 1 | Cover, Upright Lower | |
| 70 | 1001276239 | 1 | Upright Mount | |
| 71 | 1001278302 | 1 | Boom Assembly (See Separate Breakdown in this Section) | |

# SECTION 4 - BOOM

## FIGURE 4-3. BOOM INSTALLATION (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 4-3. BOOM INSTALLATION (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)

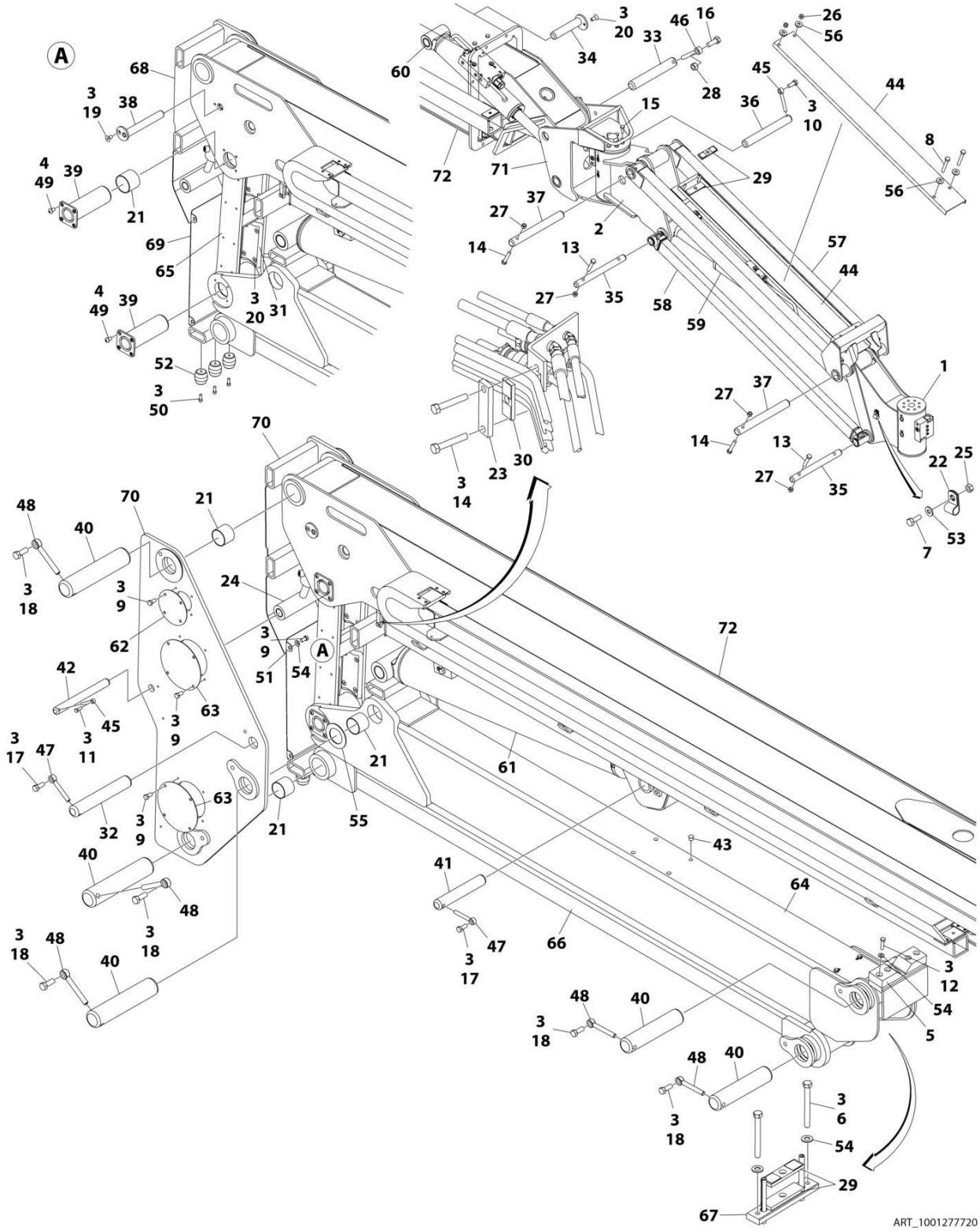
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270279 | Ref | BOOM INSTALLATION | L |
| 1 | 0060056 | 1 | Platform Rotator Assembly (See Separate Breakdown in this Section) | |
| 2 | 0100011 | AR | Compound, Locking | |
| 3 | 0060057 | 1 | Jib Rotator Assembly (See Separate Breakdown in this Section) | |
| 4 | 0362929 | 1 | Clamp, Bar | |
| 5 | 0561380 | 2 | Block, Boom Rest | |
| 6 | 0630539 | 2 | Capscrew 3/8 x 2-1/4 | |
| 7 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 8 | 0641606 | 32 | Bolt 3/8 x 3/4 | |
| 9 | 0641607 | 1 | Bolt 3/8 x 7/8 | |
| 10 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 11 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 12 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 13 | 0641618 | 4 | Bolt 3/8 x 2-1/4 | |
| 14 | 0641810 | 8 | Bolt 1/2 x 1-1/4 | |
| 15 | 0641812 | 1 | Bolt 1/2 x 1-1/2 | |
| 16 | 0642012 | 2 | Bolt 5/8 x 1-1/2 | |
| 17 | 0642216 | 5 | Bolt 3/4 x 2 | |
| 18 | 0741607 | 17 | Screw 3/8 x 7/8 | |
| 19 | 0801239 | 1 | Main Boom Assembly (See Separate Breakdown in this Section) | |
| 22 | 0962297 | 12 | Bushing | |
| 23 | 1320070 | 2 | Clamp, Cable | |
| 24 | 1320277 | 1 | Clamp, Hose | |
| 25 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 26 | 1670911 | 1 | Cover, Upright Upper | |
| 27 | 1670912 | 1 | Cover, Upright Lower | |
| 28 | 1670913 | 2 | Cover, Pin | |
| 29 | 1670928 | 4 | Cover, Pin | |
| 30 | 1683866 | 1 | Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 31 | 1001228014 | 1 | Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 32 | 1001140596 | 1 | Level Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 33 | 1001140282 | 1 | Jib Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 34 | 3311405 | 2 | Nut 1/4 | |
| 35 | 3311501 | 4 | Nut 5/16 | |
| 36 | 3311605 | 6 | Nut 3/8 | |
| 37 | 3311805 | 1 | Nut 1/2 | |
| 38 | 3340860 | 6 | Pad, Rubber | |
| 39 | 3340861 | 2 | Pad, Rubber | |
| 40 | 3340873 | 4 | Pad, Hose Guide | |
| 41 | 4751500 | 6 | Washer 5/16 | |
| 42 | 3422568 | 1 | Pin | |
| 43 | 3422576 | 1 | Pin | |
| 44 | 3422583 | 1 | Pin | |
| 45 | 3422791 | 2 | Pin | |
| 46 | 3422792 | 1 | Pin | |
| 47 | 3422794 | 2 | Pin | |

# SECTION 4 - BOOM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 3422808 | 1 | Pin | |
| 49 | 3422811 | 2 | Pin | |
| 50 | 3422830 | 5 | Pin | |
| 51 | 3422833 | 1 | Pin | |
| 52 | 3422834 | 1 | Pin | |
| 53 | 3520034 | 4 | Plug, Hole | |
| 54 | 3572551 | 2 | Channel, Hose Carrier | |
| 55 | 3841143 | 2 | Keeper, Pin 3/8 | |
| 56 | 3841203 | 1 | Keeper, Pin 1/2 | |
| 57 | 3841258 | 2 | Keeper, Pin 5/8 | |
| 58 | 3841287 | 5 | Keeper, Pin 3/4 | |
| 59 | 3900280 | 8 | Screw 3/8 x 5/8 | |
| 60 | 3931616 | 3 | Bolt 3/8 x 2 | |
| 61 | 3960418 | 10 in /53cm | Seal | |
| 62 | 4160187 | 3 | Spring, Rubber | |
| 63 | 4711400 | 2 | Washer 1/4 | |
| 64 | 4711600 | 14 | Washer 3/8 | |
| 65 | 4740492 | 2 | Thrustwasher | |
| 66 | 4846278 | 1 | Link, Jib (Top) | |
| 67 | 1001094670 | 2 | Link, Jib (Bottom) | |
| 68 | 4846066 | 1 | Tower Boom Weldment | |
| 69 | 4846067 | 1 | Tower Link Weldment | |
| 70 | 4846074 | 1 | Upright Link Weldment | |
| 71 | 4846075 | 1 | Upright Weldment | |
| 72 | 4846258 | 1 | Pivot Weldment | |
| 73 | 0100019 | AR | Compound, Locking | |
| 74 | 0741606 | 1 | Bolt 3/8 x 3/4 | |

# SECTION 4 - BOOM

## FIGURE 4-4. BOOM INSTALLATION (EC600SJP) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 4-4. BOOM INSTALLATION (EC600SJP) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001277720 | Ref | BOOM INSTALLATION (EC600SJP) | B |
| 1 | 0060056 | 1 | Platform Rotator Assembly (See Separate Breakdown in this Section) | |
| 2 | 0060057 | 1 | Jib Rotator Assembly (See Separate Breakdown in this Section) | |
| 3 | 0100011 | AR | Compound, Locking | |
| 4 | 0100019 | AR | Compound, Locking | |
| 5 | 0561380 | 2 | Block, Boom Rest | |
| 6 | 0630539 | 2 | Capscrew 3/8 x 2-1/4 | |
| 7 | 0641406 | 2 | Bolt 1/4 x 3/4 | |
| 8 | 0641518 | 2 | Bolt 5/16 x 2-1/4 | |
| 9 | 0641606 | 32 | Bolt 3/8 x 3/4 | |
| 10 | 0641607 | 1 | Bolt 3/8 x 7/8 | |
| 11 | 0641608 | 1 | Bolt 3/8 x 1 | |
| 12 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 13 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 14 | 0641618 | 4 | Bolt 3/8 x 2-1/4 | |
| 15 | 0641810 | 8 | Bolt 1/2 x 1-1/4 | |
| 16 | 0641812 | 1 | Bolt 1/2 x 1-1/2 | |
| 17 | 0642012 | 2 | Bolt 5/8 x 1-1/2 | |
| 18 | 0642216 | 5 | Bolt 3/4 x 2 | |
| 19 | 0741606 | 1 | Bolt 3/8 x 3/4 | |
| 20 | 0741607 | 17 | Screw 3/8 x 7/8 | |
| 21 | 0962297 | 12 | Bushing | |
| 22 | 1320070 | 2 | Clamp, Cable | |
| 23 | 1320277 | 1 | Clamp, Hose | |
| 24 | 1683866 | 1 | Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 25 | 3311405 | 2 | Nut 1/4 | |
| 26 | 3311501 | 4 | Nut 5/16 | |
| 27 | 3311605 | 6 | Nut 3/8 | |
| 28 | 3311805 | 1 | Nut 1/2 | |
| 29 | 3340860 | 6 | Pad, Rubber | |
| 30 | 3340861 | 2 | Pad, Rubber | |
| 31 | 3340873 | 4 | Pad, Hose Guide | |
| 32 | 3422568 | 1 | Pin | |
| 33 | 3422576 | 1 | Pin | |
| 34 | 3422583 | 1 | Pin | |
| 35 | 3422791 | 2 | Pin | |
| 36 | 3422792 | 1 | Pin | |
| 37 | 3422794 | 2 | Pin | |
| 38 | 3422808 | 1 | Pin | |
| 39 | 3422811 | 2 | Pin | |
| 40 | 3422830 | 5 | Pin | |
| 41 | 3422833 | 1 | Pin | |
| 42 | 3422834 | 1 | Pin | |
| 43 | 3520034 | 4 | Plug, Hole | |
| 44 | 3572551 | 2 | Channel, Hose Carrier | |
| 45 | 3841143 | 2 | Keeper, Pin 3/8 | |
| 46 | 3841203 | 1 | Keeper, Pin 1/2 | |
| 47 | 3841258 | 2 | Keeper, Pin 5/8 | |

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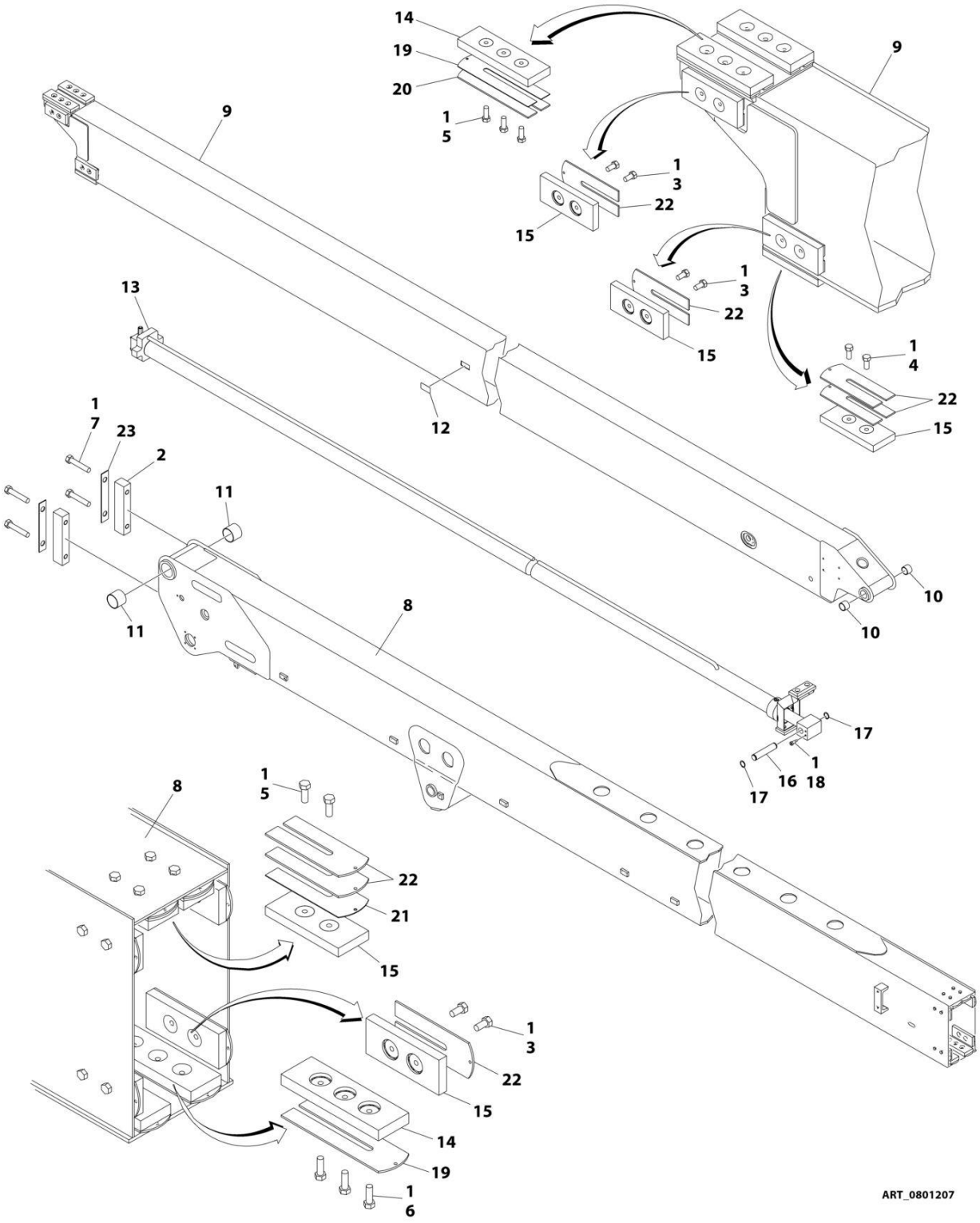
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 3841287 | 5 | Keeper, Pin 3/4 | |
| 49 | 3900280 | 8 | Screw 3/8 x 5/8 | |
| 50 | 3931616 | 3 | Bolt 3/8 x 2 | |
| 51 | 3960418 | 10 in /25cm | Seal | |
| 52 | 4160187 | 3 | Spring, Rubber | |
| 53 | 4711400 | 2 | Washer 1/4 | |
| 54 | 4711600 | 14 | Washer 3/8 | |
| 55 | 4740492 | 2 | Thrustwasher | |
| 56 | 4751500 | 6 | Washer 5/16 | |
| 57 | 4846278 | 1 | Link, Jib (Top) | |
| 58 | 1001094670 | 2 | Link, Jib (Bottom) | |
| 59 | 1001140282 | 1 | Jib Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 60 | 1001140596 | 1 | Level Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 61 | 1001251014 | 1 | Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 62 | 1001276068 | 2 | Plate, Pin | |
| 63 | 1001276113 | 4 | Plate, Pin | |
| 64 | 1001276159 | 1 | Tower Boom Mount | |
| 65 | 1001276163 | 1 | Boom Link Mount | |
| 66 | 1001276169 | 1 | Tower Link Mount | |
| 67 | 1001276170 | 1 | Clamp, Bar | |
| 68 | 1001276178 | 1 | Cover, Upright Upper | |
| 69 | 1001276179 | 1 | Cover, Upright Lower | |
| 70 | 1001276239 | 1 | Upright Mount | |
| 71 | 1001276316 | 1 | Pivot Weldment | |
| 72 | 1001277722 | 1 | Boom Assembly (See Separate Breakdown in this Section) | |

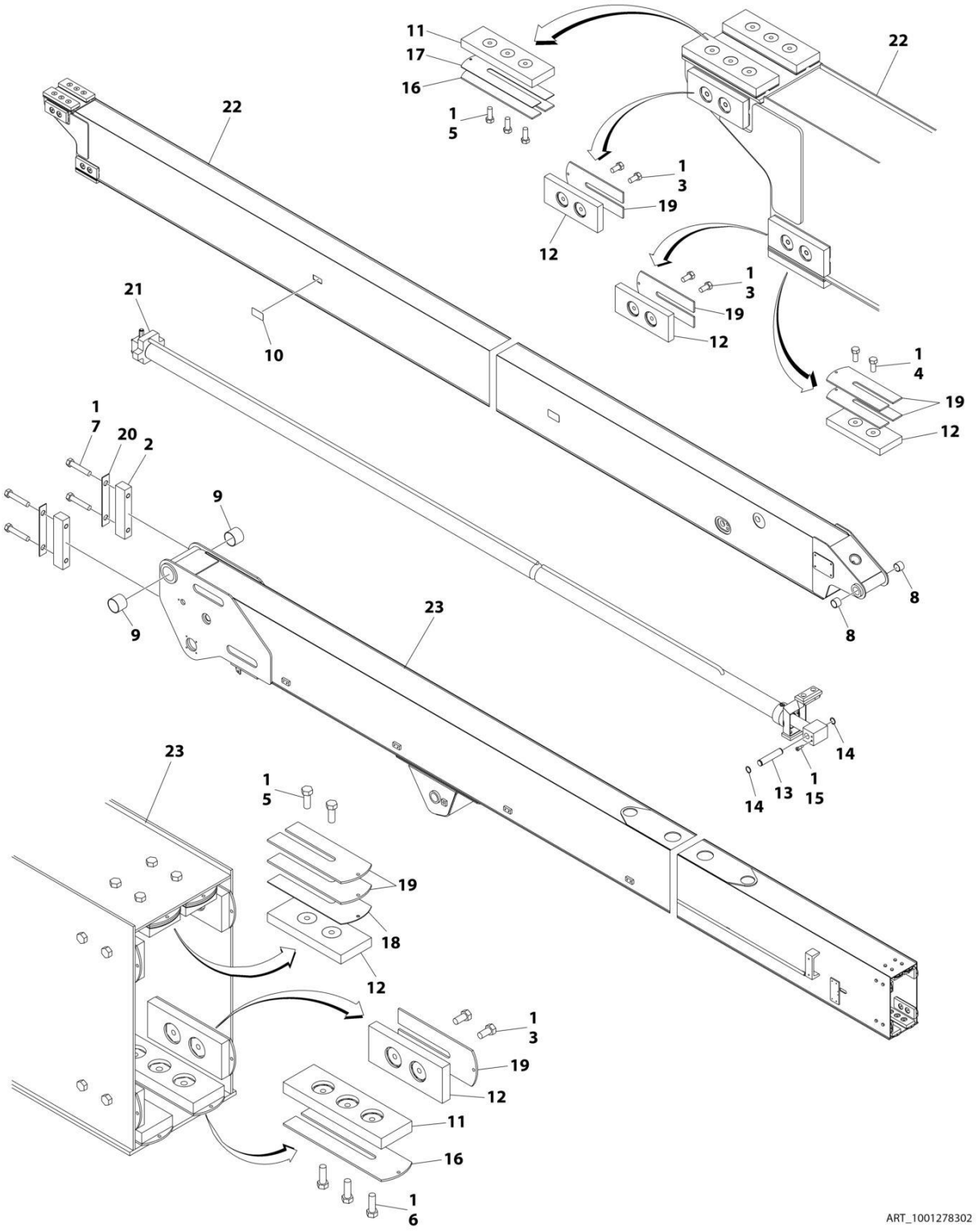
## FIGURE 4-5. MAIN BOOM ASSEMBLY (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 4-5. MAIN BOOM ASSEMBLY (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0801207 | Ref | MAIN BOOM ASSEMBLY | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Telescope Attach | |
| 3 | 0641606 | 16 | Bolt 3/8 x 3/4 | |
| 4 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 5 | 0641608 | 10 | Bolt 3/8 x 1 | |
| 6 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 7 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 8 | 0801606 | 1 | Base Boom Weldment | |
| 9 | 0801582 | 1 | Fly Boom Weldment | |
| 10 | 0961948 | 2 | Bearing | |
| 11 | 0962297 | 2 | Bearing | |
| 12 | 1670836 | 6 | Cover, Boom | |
| 13 | 1001228017 | 1 | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 14 | 3340871 | 4 | Pad | |
| 15 | 3340881 | 12 | Pad | |
| 16 | 3422457 | 1 | Pin | |
| 17 | 3760133 | 2 | Ring, Retaining | |
| 18 | 3900259 | 4 | Screw, Shoulder | |
| 19 | 4070863 | 4 | Shim #11Ga | |
| 20 | 4070864 | 2 | Shim #18Ga | |
| 21 | 4070897 | 2 | Shim #18Ga | |
| 22 | 4070898 | 16 | Shim #11Ga | |
| 23 | 4070929 | 2 | Shim #16Ga | |

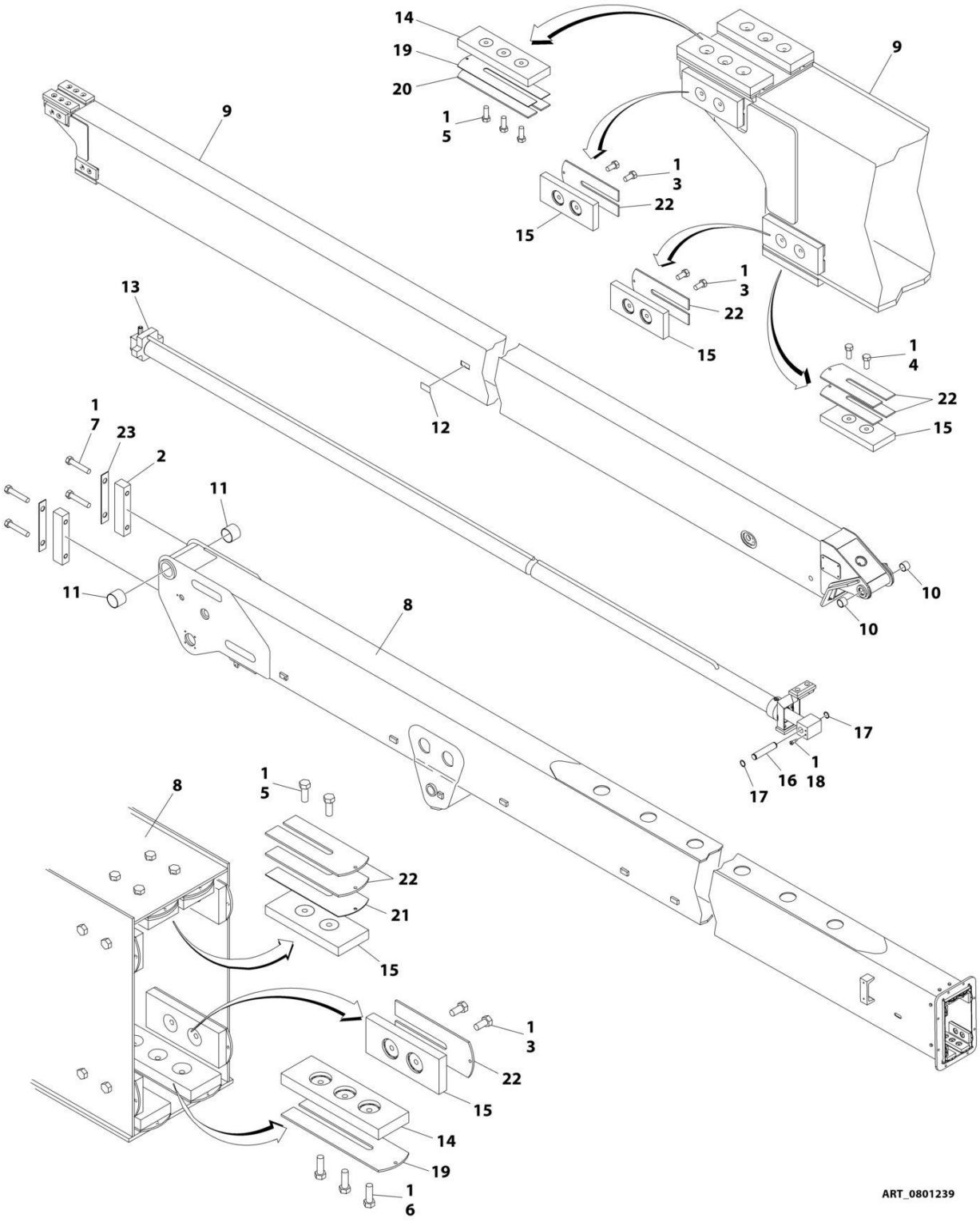
## FIGURE 4-6. BOOM ASSEMBLY (EC600SJ) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 4-6. BOOM ASSEMBLY (EC600SJ) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001278302 | Ref | BOOM ASSEMBLY (EC600SJ) | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Telescope Attach | |
| 3 | 0641606 | 16 | Bolt 3/8 x 3/4 | |
| 4 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 5 | 0641608 | 10 | Bolt 3/8 x 1 | |
| 6 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 7 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 8 | 0961948 | 2 | Bearing | |
| 9 | 0962297 | 2 | Bearing | |
| 10 | 1670836 | 6 | Cover, Boom | |
| 11 | 3340871 | 4 | Pad | |
| 12 | 3340881 | 12 | Pad | |
| 13 | 3422457 | 1 | Pin | |
| 14 | 3760133 | 2 | Ring, Retaining | |
| 15 | 3900259 | 4 | Screw, Shoulder | |
| 16 | 4070863 | 4 | Shim #11Ga | |
| 17 | 4070864 | 2 | Shim #18Ga | |
| 18 | 4070897 | 2 | Shim #18Ga | |
| 19 | 4070898 | 16 | Shim #11Ga | |
| 20 | 4070929 | 2 | Shim #16Ga | |
| 21 | 1001228017 | 1 | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 22 | 1001278303 | 1 | Fly Boom Weldment | |
| 23 | 1001278306 | 1 | Base Boom Weldment | |

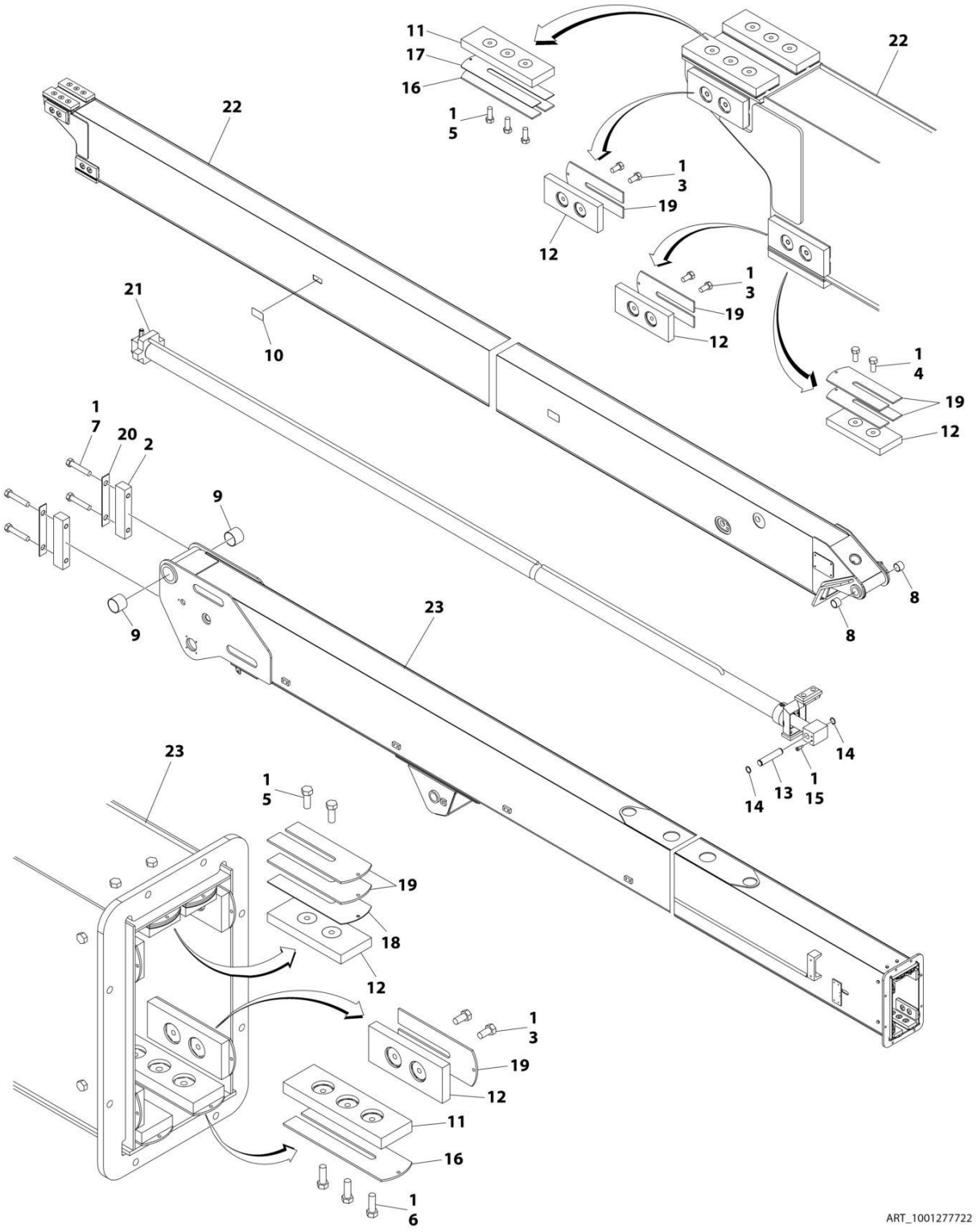
## FIGURE 4-7. MAIN BOOM ASSEMBLY (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 4-7. MAIN BOOM ASSEMBLY (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0801239 | Ref | MAIN BOOM ASSEMBLY (E600JP/M600JP) | F |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Telescope Attach | |
| 3 | 0641606 | 16 | Bolt 3/8 x 3/4 | |
| 4 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 5 | 0641608 | 10 | Bolt 3/8 x 1 | |
| 6 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 7 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 8 | 0801611 | 1 | Base Boom Weldment | |
| 9 | 0801583 | 1 | Fly Boom Weldment | |
| 10 | 0961948 | 2 | Bearing | |
| 11 | 0962297 | 2 | Bearing | |
| 12 | 1670836 | 6 | Cover, Boom | |
| 13 | 1001228017 | 1 | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 14 | 3340871 | 4 | Pad | |
| 15 | 3340881 | 12 | Pad | |
| 16 | 3422457 | 1 | Pin | |
| 17 | 3760133 | 2 | Ring, Retaining | |
| 18 | 3900259 | 4 | Screw, Shoulder | |
| 19 | 4070863 | 4 | Shim #11Ga | |
| 20 | 4070864 | 2 | Shim #18Ga | |
| 21 | 4070897 | 2 | Shim #18Ga | |
| 22 | 4070898 | 16 | Shim #11Ga | |
| 23 | 4070929 | 2 | Shim #16Ga | |

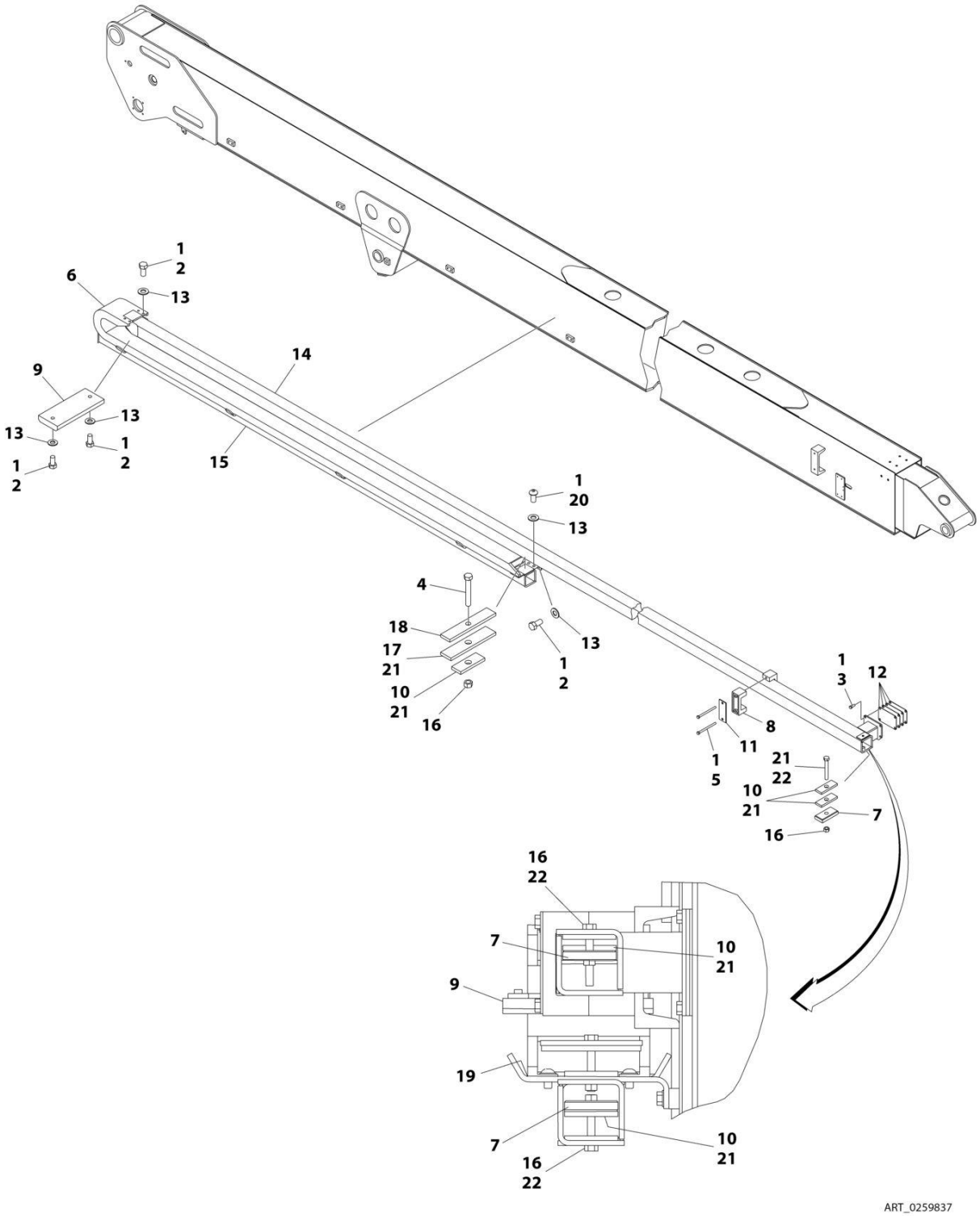
## FIGURE 4-8. BOOM ASSEMBLY (EC600SJP) (MACHINES WITH SN STARTING WITH B3)



## FIGURE 4-8. BOOM ASSEMBLY (EC600SJP) (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001277722 | Ref | BOOM ASSEMBLY (EC600SJP) | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0561185 | 2 | Block, Telescope Attach | |
| 3 | 0641606 | 16 | Bolt 3/8 x 3/4 | |
| 4 | 0641607 | 4 | Bolt 3/8 x 7/8 | |
| 5 | 0641608 | 10 | Bolt 3/8 x 1 | |
| 6 | 0641609 | 6 | Bolt 3/8 x 1-1/8 | |
| 7 | 0641616 | 4 | Bolt 3/8 x 2 | |
| 8 | 0961948 | 2 | Bearing | |
| 9 | 0962297 | 2 | Bearing | |
| 10 | 1670836 | 6 | Cover, Boom | |
| 11 | 3340871 | 4 | Pad | |
| 12 | 3340881 | 12 | Pad | |
| 13 | 3422457 | 1 | Pin | |
| 14 | 3760133 | 2 | Ring, Retaining | |
| 15 | 3900259 | 4 | Screw, Shoulder | |
| 16 | 4070863 | 4 | Shim #11Ga | |
| 17 | 4070864 | 2 | Shim #18Ga | |
| 18 | 4070897 | 2 | Shim #18Ga | |
| 19 | 4070898 | 16 | Shim #11Ga | |
| 20 | 4070929 | 2 | Shim #16Ga | |
| 21 | 1001228017 | 1 | Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section) | |
| 22 | 1001276172 | 1 | Fly Boom Weldment | |
| 23 | 1001277693 | 1 | Base Boom Weldment | |

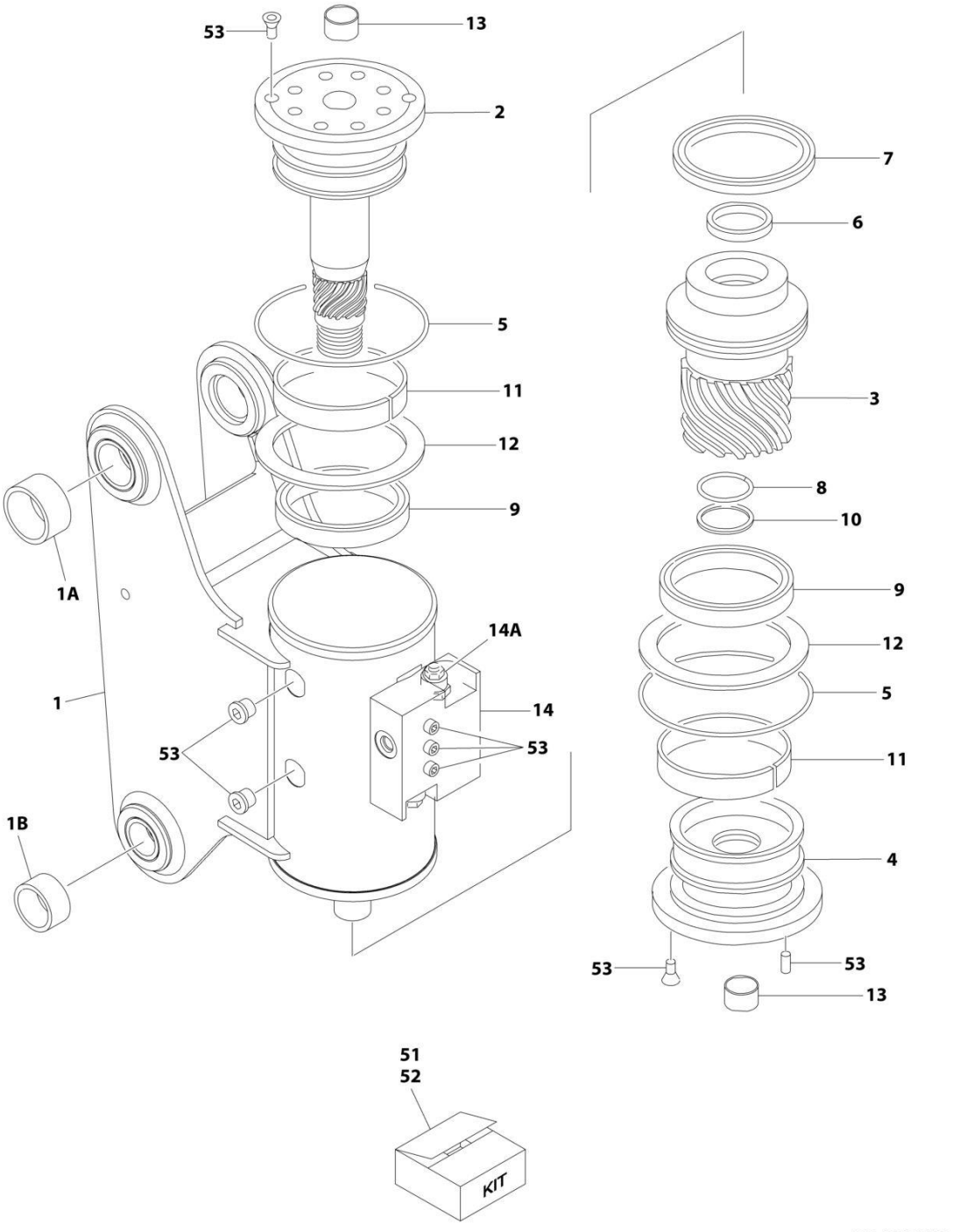
## FIGURE 4-9. POWER TRACK ASSEMBLY



## FIGURE 4-9. POWER TRACK ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0259837 | Ref | POWER TRACK ASSEMBLY | G |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641606 | 14 | Bolt 3/8 x 3/4 | |
| 3 | 0641608 | 4 | Bolt 3/8 x 1 | |
| 4 | 0641620 | 1 | Bolt 3/8 x 2-1/2 | |
| 5 | 0641640 | 2 | Bolt 3/8 x 5 | |
| 6 | 1180356 | 1 | Powertrack | |
| 6 | 7020266 | 4 | Bar (Top Plastic) | |
| 6 | 7020265 | 4 | Link (Inner) | |
| 6 | 7020264 | 12 | Link (Outer) | |
| 6 | 7020262 | 6 | Ring, Retaining | |
| 6 | 7020260 | 4 | Foot, Mounting | |
| 6 | 7020261 | 6 | Pin (Center) | |
| 6 | 7026182 | 2 | Roller, Poly | |
| 6 | 7026170 | 2 | Bar, Aluminum | |
| 7 | 1320288 | 2 | Clamp, Hose | |
| 8 | 3340764 | 2 | Pad, Push Tube | |
| 9 | 3340787 | 1 | Pad, Wear | |
| 10 | 3340941 | 5 | Pad, Rubber | |
| 11 | 3538758 | 1 | Plate, Backing | |
| 12 | 4070969 | AR | Shim | |
| 13 | 4711600 | 18 | Washer 3/8 | |
| 14 | 4846163 | 1 | Tube, Push | |
| 15 | 4846165 | 1 | Support | |
| 16 | 3311605 | 3 | Nut 3/8 | |
| 17 | 3340939 | 1 | Pad, Rubber | |
| 18 | 3572448 | 1 | Plate, Clamp | |
| 19 | 3340896 | 2 | Pad, Rubber | |
| 20 | 3900283 | 4 | Screw | |
| 21 | 0100081 | AR | Adhesive | |
| 22 | 0641622 | 2 | Bolt 3/8 x 2-3/4 | |

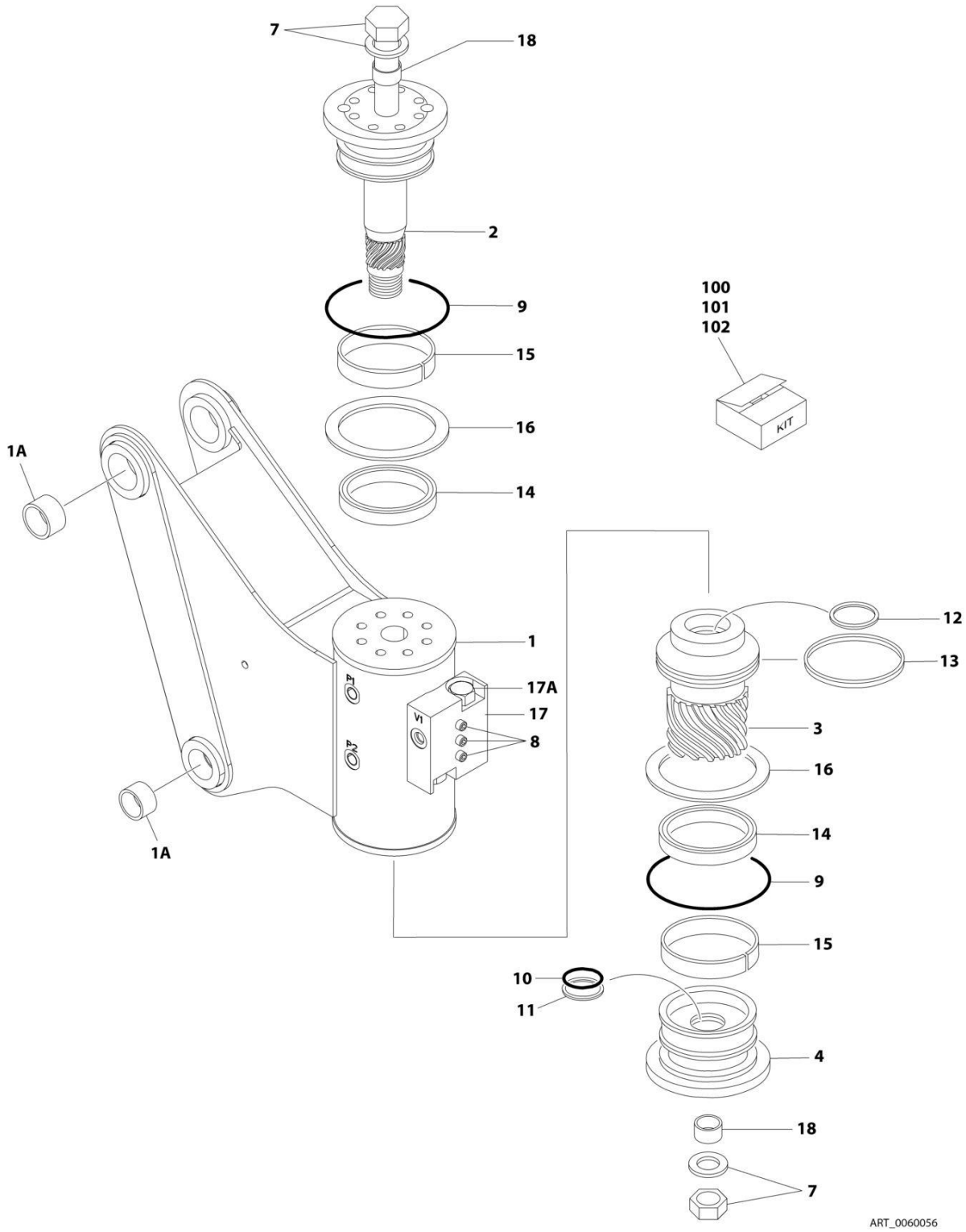
## FIGURE 4-10. ROTATOR ASSEMBLY (EC600SJ/H600SJ)



## FIGURE 4-10. ROTATOR ASSEMBLY (EC600SJ/H600SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217779 | Ref | ROTATOR ASSEMBLY | B |
| 1 | See Note | NSS | Housing (Note: Purchase Complete Assembly) | |
| 1A | 0962257 | 2 | Bushing | |
| 1B | 0961947 | 2 | Bushing | |
| 2 | 7017162 | 1 | Shaft | |
| 3 | 7017163 | 1 | Piston | |
| 4 | 7017164 | 1 | Cap, End | |
| 5 | See Note | NSS | O-Ring (Note: Use p/n 70000342) | |
| 6 | See Note | NSS | Seal, Rod (Note: Purchase p/n 70000342) | |
| 7 | See Note | NSS | Seal, Piston (Note: Purchase p/n 70000342) | |
| 8 | See Note | NSS | Seal, Cap (Note: Purchase p/n 70000342) | |
| 9 | See Note | NSS | Packing, Bearing (Note: Purchase p/n 70000342) | |
| 10 | See Note | NSS | Ring, Back-up (Note: Purchase p/n 70000342) | |
| 11 | See Note | NSS | Bearing, Shaft (Note: Purchase p/n 7017159) | |
| 12 | See Note | NSS | Washer, Thrust (Note: Purchase p/n 7017159) | |
| 13 | 7017195 | 2 | Bushing | |
| 14 | 7017172 | 1 | Counterbalance Valve Assembly | |
| 14A | 7017192 | 2 | Valve Cartridge (No Seal Kit Available) | |
| 51 | 70000342 | 1 | Seal Kit (Includes Items 5-10) | |
| 52 | 7017159 | 1 | Bearing Kit (Includes Items 11 & 12) | |
| 53 | 7017142 | 1 | Hardware Kit | |

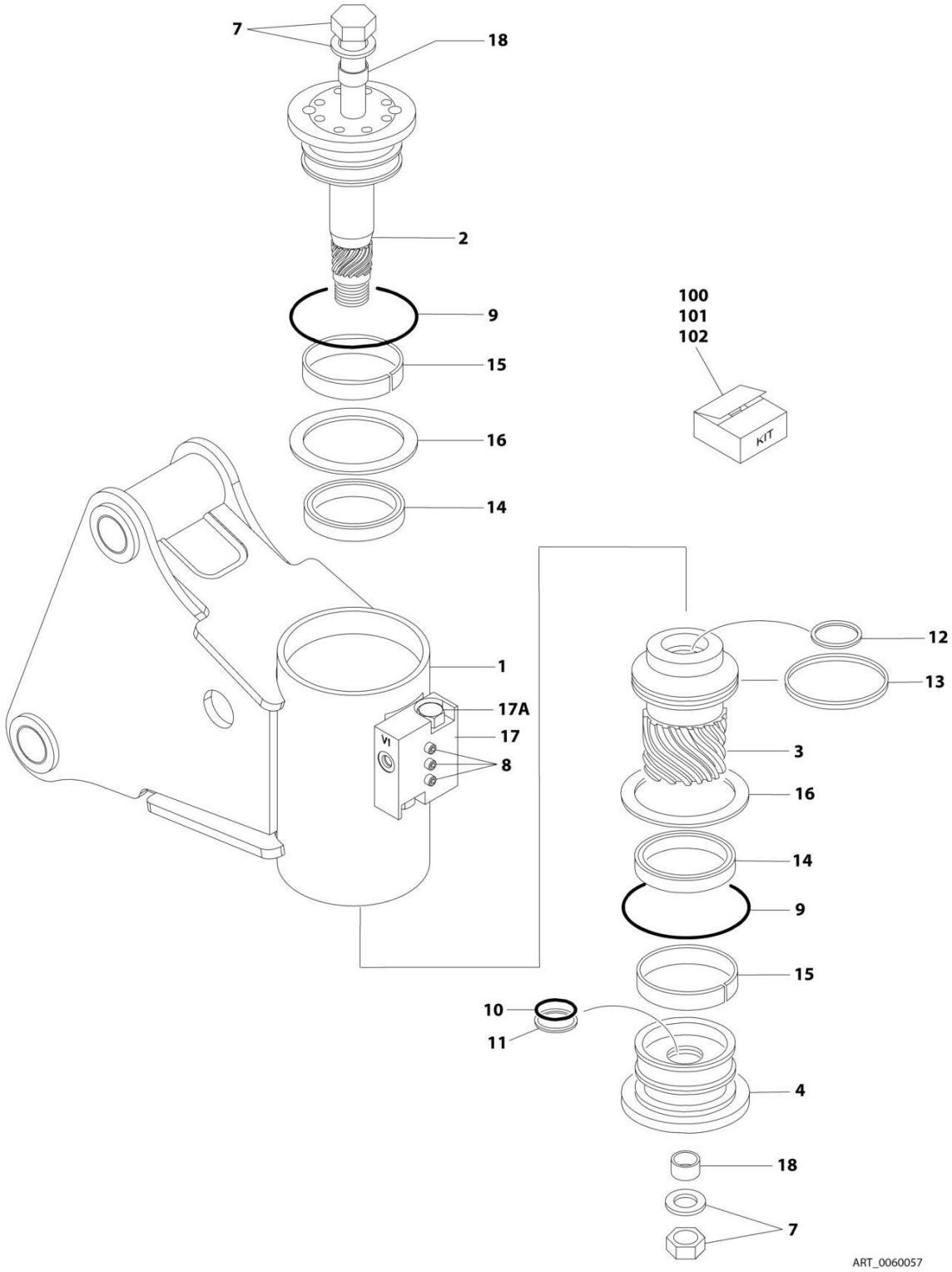
## FIGURE 4-11. ROTATOR ASSEMBLY - PLATFORM ROTATE (EC600SJP/H600SJP)



## FIGURE 4-11. ROTATOR ASSEMBLY - PLATFORM ROTATE (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0060056 | Ref | ROTATOR ASSEMBLY - PLATFORM ROTATE | B |
| 1 | See Note | NSS | Case/Bracket Weldment (Note: Not Available - Purchase Complete Assembly) | |
| 1A | 7017170 | 4 | Bushing | |
| 2 | 7017162 | 1 | Shaft | |
| 3 | 7017163 | 1 | Sleeve, Piston | |
| 4 | 7017164 | 1 | Cap, End | |
| 7 | 0642684 | 1 | Bolt 1-8 x 10-1/2 | |
| 7 | 4892600 | 2 | Washer | |
| 7 | 3272605 | 1 | Nut 1-8 | |
| 8 | See Note | NSS | Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally) | |
| 9 | See Note | NSS | Seal (Note: Use Item 100) | |
| 10 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Back-up Cap (Note: Use Item 100) | |
| 12 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 13 | See Note | NSS | Seal, Piston (Note: Use Item 100) | |
| 14 | See Note | NSS | Seal, Cap (Note: Use Item 100) | |
| 15 | See Note | NSS | Guide, Wear (Note: Use Item 101) | |
| 16 | See Note | NSS | Thrustwasher (Note: Use Item 101) | |
| 17 | | Ref | Counterbalance Valve Assembly Options: | |
| 17 | 7017172 | 1 | Helac p/n 24327 Stamped beside Mounting Screws | |
| 17 | 7017172 | 1 | Helac p/n 26553 or 26554 Stamped beside Mounting Screws | |
| 17A | | Ref | Valve, Cartridge Options: | |
| 17A | 7011323 | 2 | Valve, Cartridge for Helac p/n 24327 Valve | |
| 17A | 2900770 | 2 | Seal Kit - 7011323 Cartridge (1 Per Assembly) | |
| 17A | 7017192 | 2 | Valve, Cartridge Helac p/n 26553 (No Seal Kit Available) | |
| 18 | 7017195 | 2 | Bushing | |
| | | Ref | KIT OPTIONS: | |
| 100 | | Ref | Seal Kit Options: (Includes Items 9-14) | |
| 100 | 7017158 | 1 | Standard | |
| 100 | 70000342 | 1 | Cold Climate | |
| 101 | 7017159 | 1 | Bearing Kit (Includes Items 15 & 16) | |
| 102 | 7017160 | 1 | Bushing Kit (Includes Items 1A, 1B & 18) | |

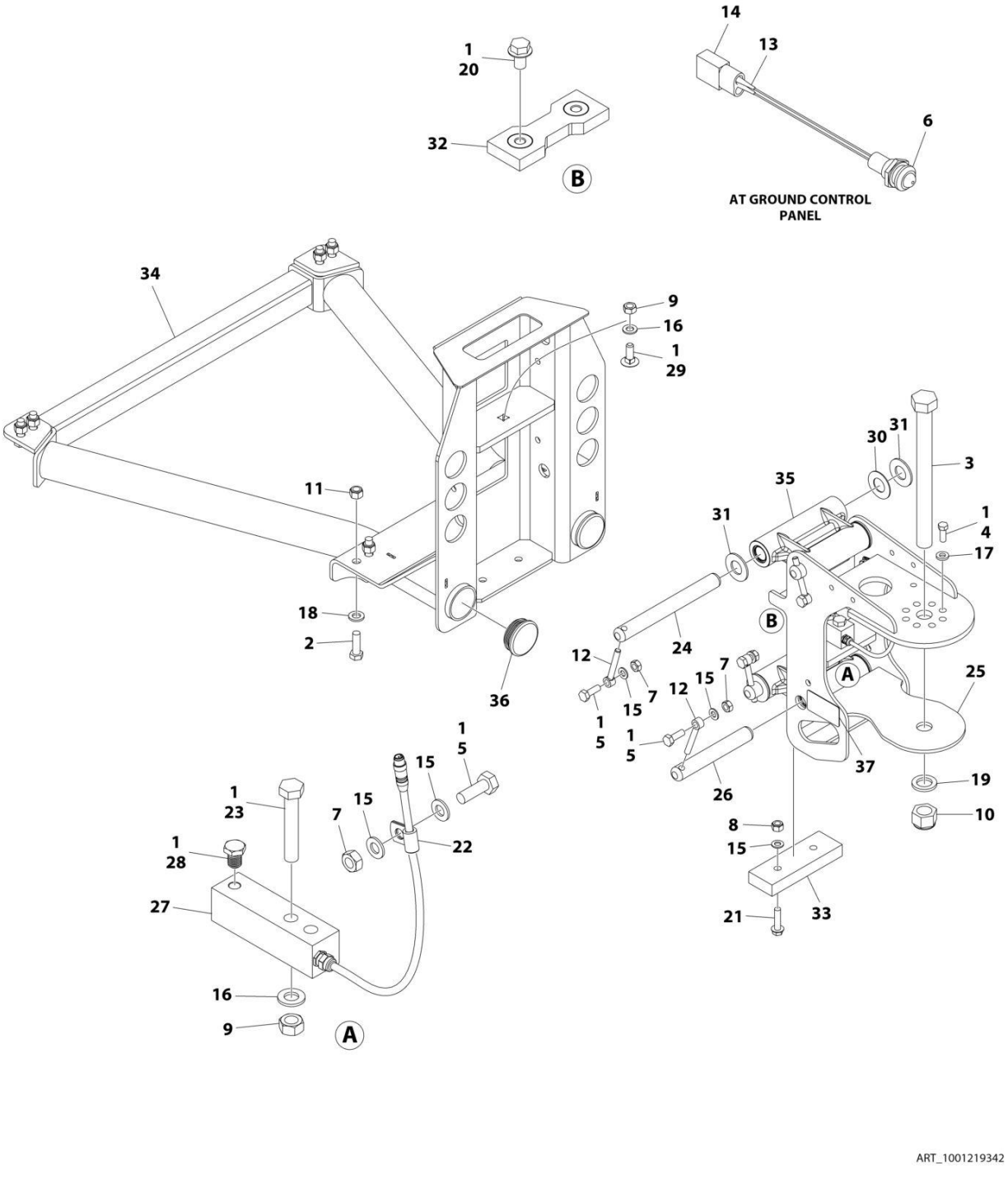
## FIGURE 4-12. ROTATOR ASSEMBLY - SIDE SWING ROTATE (EC600SJP/H600SJP)



## FIGURE 4-12. ROTATOR ASSEMBLY - SIDE SWING ROTATE (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0060057 | Ref | ROTATOR ASSEMBLY - SIDE SWING ROTATE | D |
| 1 | See Note | NSS | Case/Bracket Weldment (Note: Not Available - Purchase Complete Assembly) | |
| 2 | 7017167 | 1 | Shaft | |
| 3 | 7017168 | 1 | Sleeve, Piston | |
| 4 | 7017169 | 1 | Cap, End | |
| 7 | 0642684 | 1 | Bolt 1-8 x 10-1/2 | |
| 7 | 4892600 | 2 | Washer | |
| 7 | 3272605 | 1 | Nut 1-8 | |
| 8 | See Note | NSS | Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally) | |
| 9 | See Note | NSS | Seal (Note: Use Item 100) | |
| 10 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 11 | See Note | NSS | Ring, Back-up Cap (Note: Use Item 100) | |
| 12 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 13 | See Note | NSS | Seal, Piston (Note: Use Item 100) | |
| 14 | See Note | NSS | Seal, Cap (Note: Use Item 100) | |
| 15 | See Note | NSS | Guide, Wear (Note: Use Item 101) | |
| 16 | See Note | NSS | Thrustwasher (Note: Use Item 101) | |
| 17 | | Ref | Counterbalance Valve Assembly Options: | |
| 17 | 7017172 | 1 | Helac p/n 24327 Stamped beside Mounting Screws | |
| 17 | 7017172 | 1 | Helac p/n 26553 or 26554 Stamped beside Mounting Screws | |
| 17A | | Ref | Valve, Cartridge Options: | |
| 17A | 7011323 | 2 | Valve, Cartridge for Helac p/n 24327 Valve | |
| 17A | 2900770 | 2 | Seal Kit - 7011323 Cartridge (1 Per Assembly) | |
| 17A | 7017192 | 2 | Valve, Cartridge Helac p/n 26553 (No Seal Kit Available) | |
| 18 | 7017195 | 2 | Bushing | |
| | | Ref | KIT OPTIONS: | |
| 100 | | Ref | Seal Kit (Includes Items 9-14) | |
| 100 | 7017165 | 1 | Standard | |
| 100 | 70000340 | 1 | Cold Climate | |
| 101 | 7017178 | 1 | Bearing Kit (Includes Items 15 & 16) | |
| 102 | 7017160 | 1 | Bushing Kit (Includes Item 18) | |

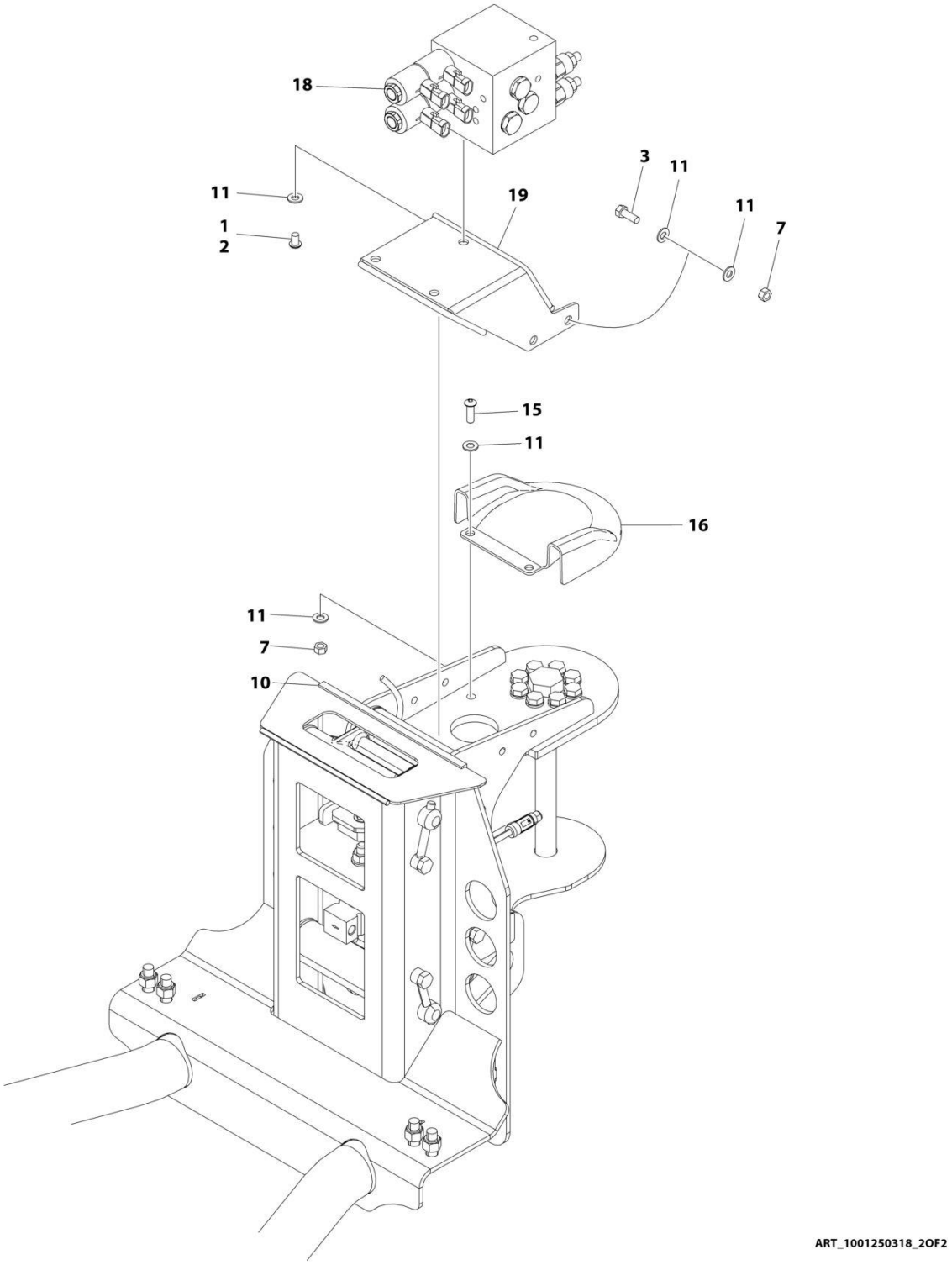
## FIGURE 4-13. PLATFORM SUPPORT INSTALLATION



## FIGURE 4-13. PLATFORM SUPPORT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219342 | Ref | PLATFORM SUPPORT INSTALLATION - WITH 1 CELL LSS | E |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0641812 | 1 | Bolt 1/2 x 1-1/2 | |
| 2 | 0761216 | 8 | Bolt M12 x 40 | |
| 3 | 1001255133 | 1 | Bolt 1 x 11 | |
| 4 | 0681608 | 8 | Bolt 3/8 x 1 | |
| 5 | 0761014 | 5 | Bolt M10 x 30 | |
| 6 | 2920151 | 1 | Light | |
| 7 | 3291001 | 5 | Nut M10 | |
| 8 | 3291005 | 2 | Nut M10 | |
| 9 | 3291201 | 3 | Nut M12 | |
| 10 | 1001174040 | 1 | Nut 1 | |
| 11 | 3311805 | 8 | Nut 1/2 | |
| 11 | 3291205 | 8 | Nut M12 | |
| 12 | 3841143 | 4 | Keeper | |
| 13 | 4460226 | 2 | Socket, Female | |
| 14 | 4460424 | 1 | Connector - 2 Position | |
| 15 | 4812000 | 8 | Washer M10 | |
| 16 | 4812100 | 3 | Washer M12 | |
| 17 | 4891600 | 8 | Washer 3/8 | |
| 18 | 4891800 | 8 | Washer 1/2 | |
| 18 | 5241200 | 8 | Washer M12 | |
| 19 | 4892600001 | 1 | Washer 1 | |
| 20 | 5251008 | 2 | Bolt M10 x 16 | |
| 21 | 5251016 | 2 | Bolt M10 x 40 | |
| 22 | 91203039 | 1 | Clamp, Support | |
| 23 | 1001098828 | 2 | Bolt M12 x 70 Grade 10.9 | |
| 24 | 1001167565 | 2 | Pin | |
| 25 | 1001167567 | 1 | Platform Support | |
| 26 | 1001168402 | 2 | Pin | |
| 27 | 1001247468 | 1 | Cell, Load Sensing | |
| 28 | 1001188622 | 1 | Screw M12 | |
| 29 | 1001188844 | 1 | Bolt M12 x 35 | |
| 30 | 1001189001 | 4 | Bearing | |
| 31 | 1001189002 | 8 | Bearing | |
| 32 | 1001190985 | 1 | Pad, Wear | |
| 33 | 1001200491 | 1 | Plate | |
| 34 | 1001200494 | 1 | Support | |
| 35 | 1001201351 | 2 | LSS Link Assembly | |
| 35 | 1001187382 | 4 | Bearing | |
| 35 | 1001187383 | 4 | Seal | |
| 36 | 1001204725 | 2 | Plug | |
| 37 | 1001216630 | 2 | Decal - Tie Down/No Lift | |

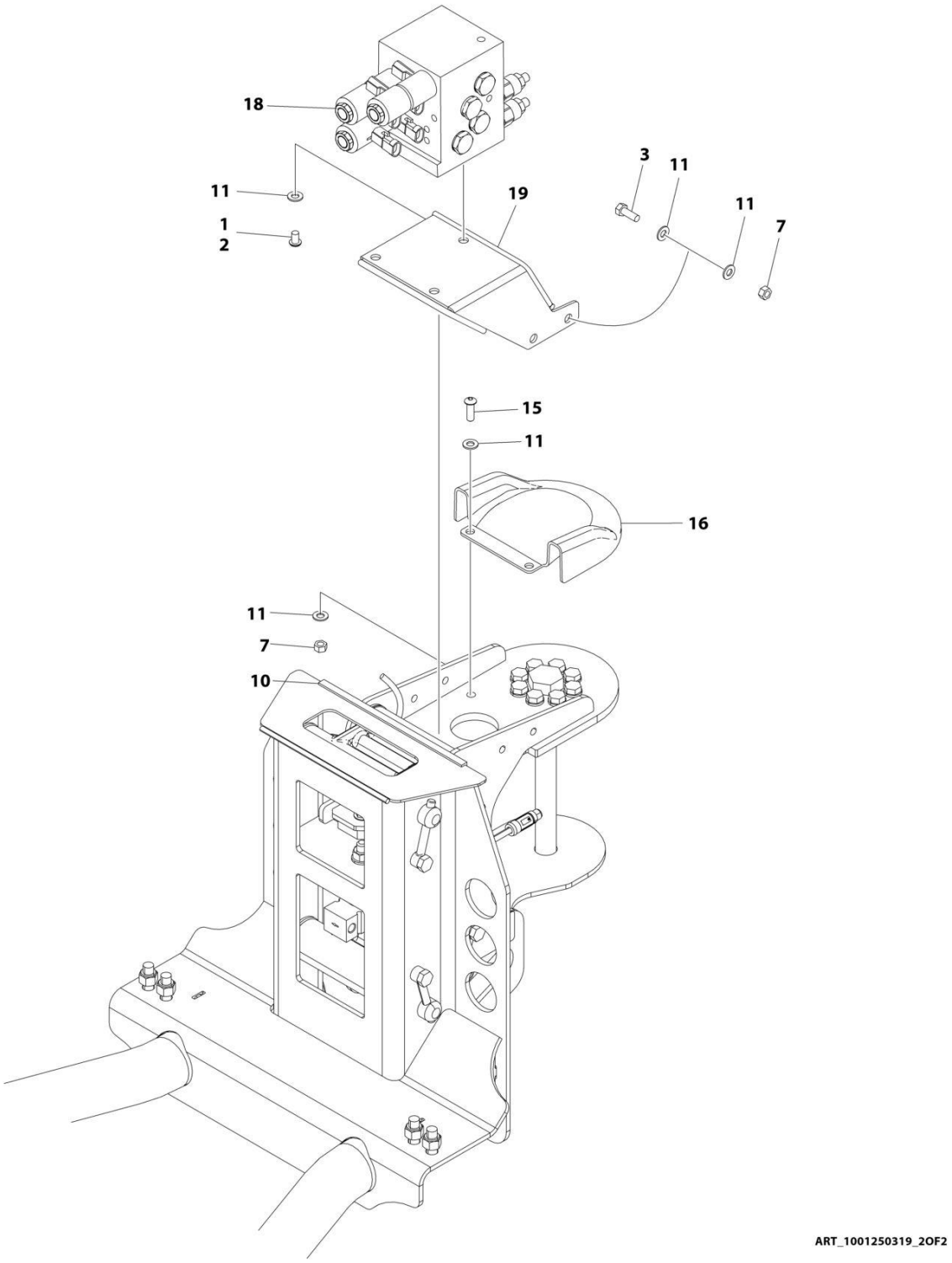
## FIGURE 4-14. BOOM VALVE INSTALLATION (EC600SJ/H600SJ)



## FIGURE 4-14. BOOM VALVE INSTALLATION (EC600SJ/H600SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001250318 | Ref | BOOM VALVE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630467 | 3 | Screw | |
| 3 | 0641507 | 4 | Bolt 5/16 x 7/8 | |
| 7 | 3271505 | 6 | Nut 5/16 | |
| 10 | 4060803 | AR | Flex-Trim | |
| 11 | 4711500 | 15 | Washer 5/16 | |
| 15 | 88261024 | 2 | Screw 5/16-18 x 1 | |
| 16 | 1001207969 | 1 | Cover | |
| 18 | 1001219392 | 1 | Boom Valve Assembly (See Separate Breakdown in this Section) | |
| 19 | 1001233259 | 1 | Mount, LSS Valve | |

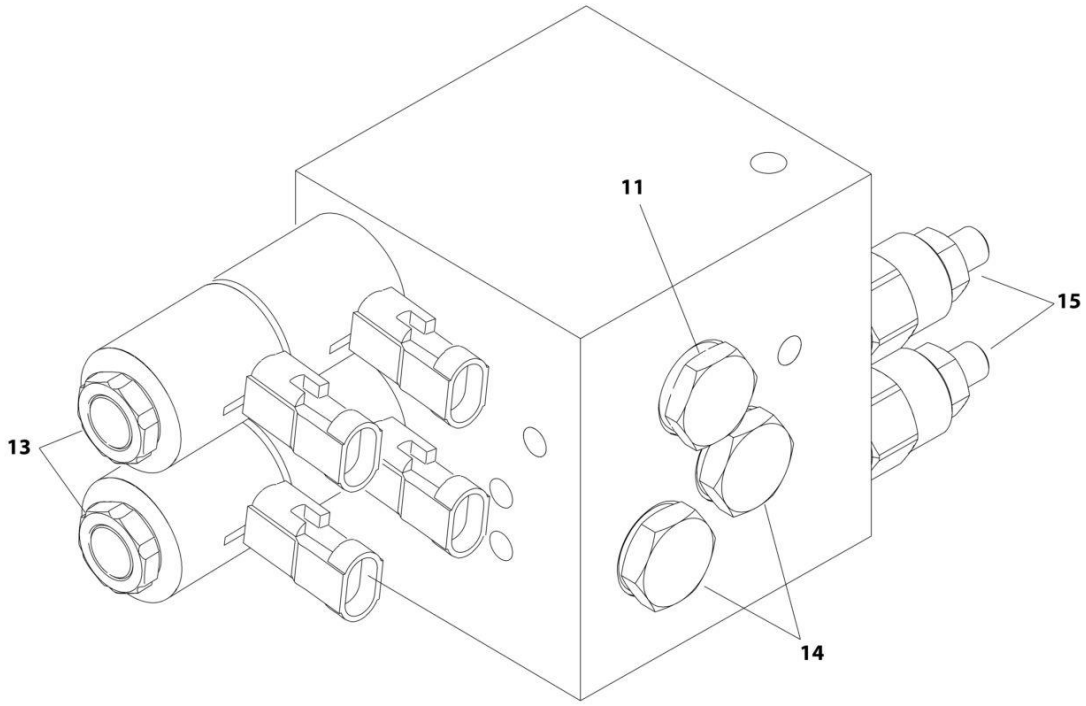
## FIGURE 4-15. BOOM VALVE INSTALLATION (EC600SJP/H600SJP)



## FIGURE 4-15. BOOM VALVE INSTALLATION (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001250319 | Ref | BOOM VALVE INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0630467 | 3 | Screw | |
| 3 | 0641507 | 4 | Bolt 5/16 x 7/8 | |
| 7 | 3271505 | 6 | Nut 5/16 | |
| 10 | 4060803 | AR | Flex-Trim | |
| 11 | 4711500 | 15 | Washer 5/16 | |
| 15 | 88261024 | 2 | Screw 5/16-18 x 1 | |
| 16 | 1001207969 | 1 | Cover | |
| 18 | 1001219393 | 1 | Boom Valve Assembly (See Separate Breakdown in this Section) | |
| 19 | 1001233259 | 1 | Mount, LSS Valve | |

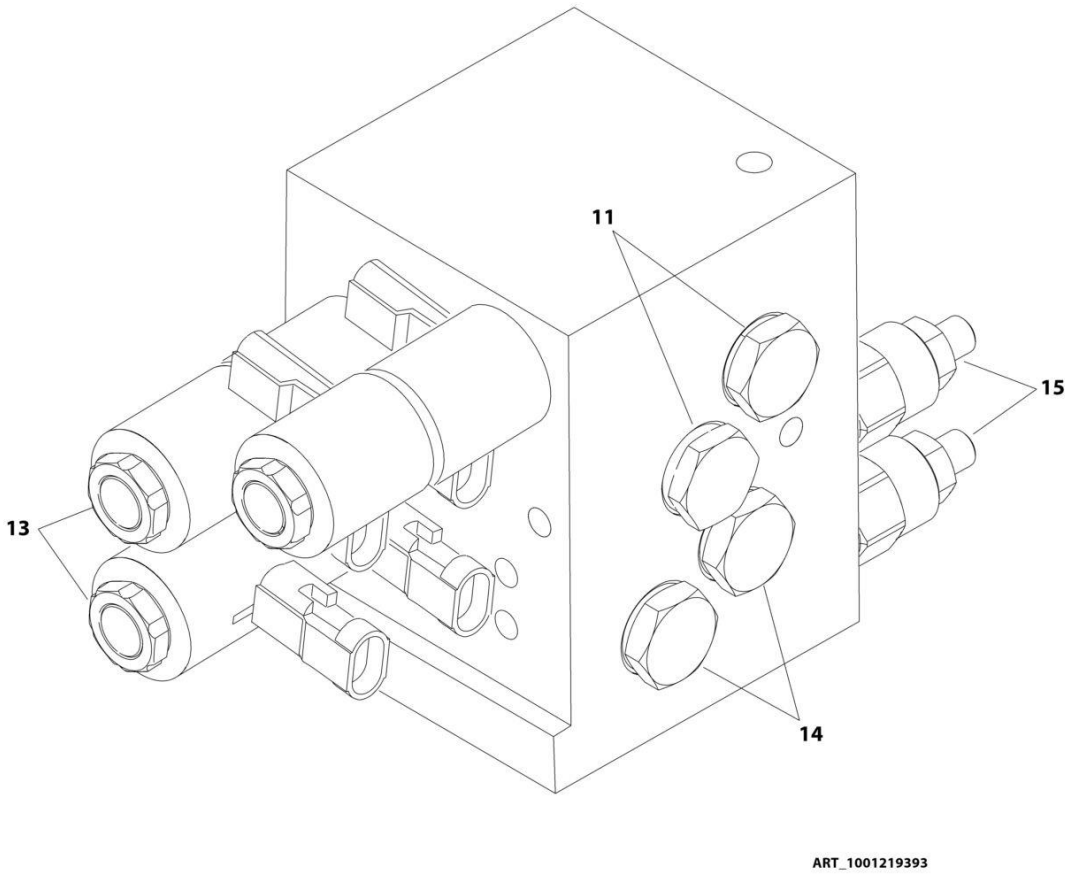
## FIGURE 4-16. BOOM VALVE ASSEMBLY (EC600SJ/H600SJ)



## FIGURE 4-16. BOOM VALVE ASSEMBLY (EC600SJ/H600SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219392 | Ref | BOOM VALVE ASSEMBLY | D |
| 11 | 70003027 | 1 | Cartridge, Flow Control (Rotate) | |
| 11 | 70004052 | 1 | Seal Kit - 70003027 Cartridge | |
| 13 | 70007290 | 2 | Cartridge, Solenoid Valve (Less Coil) | |
| 13 | 70007291 | 4 | Coil | |
| 14 | 70005629 | 2 | Cartridge, Check (Platform Level) | |
| 14 | 70023860 | 2 | Seal Kit - 70005629 Cartridge | |
| 15 | 70003019 | 2 | Cartridge, Relief (Platform Level and Jib) | |
| 15 | 70004052 | 2 | Seal Kit - 70003019 Cartridge | |

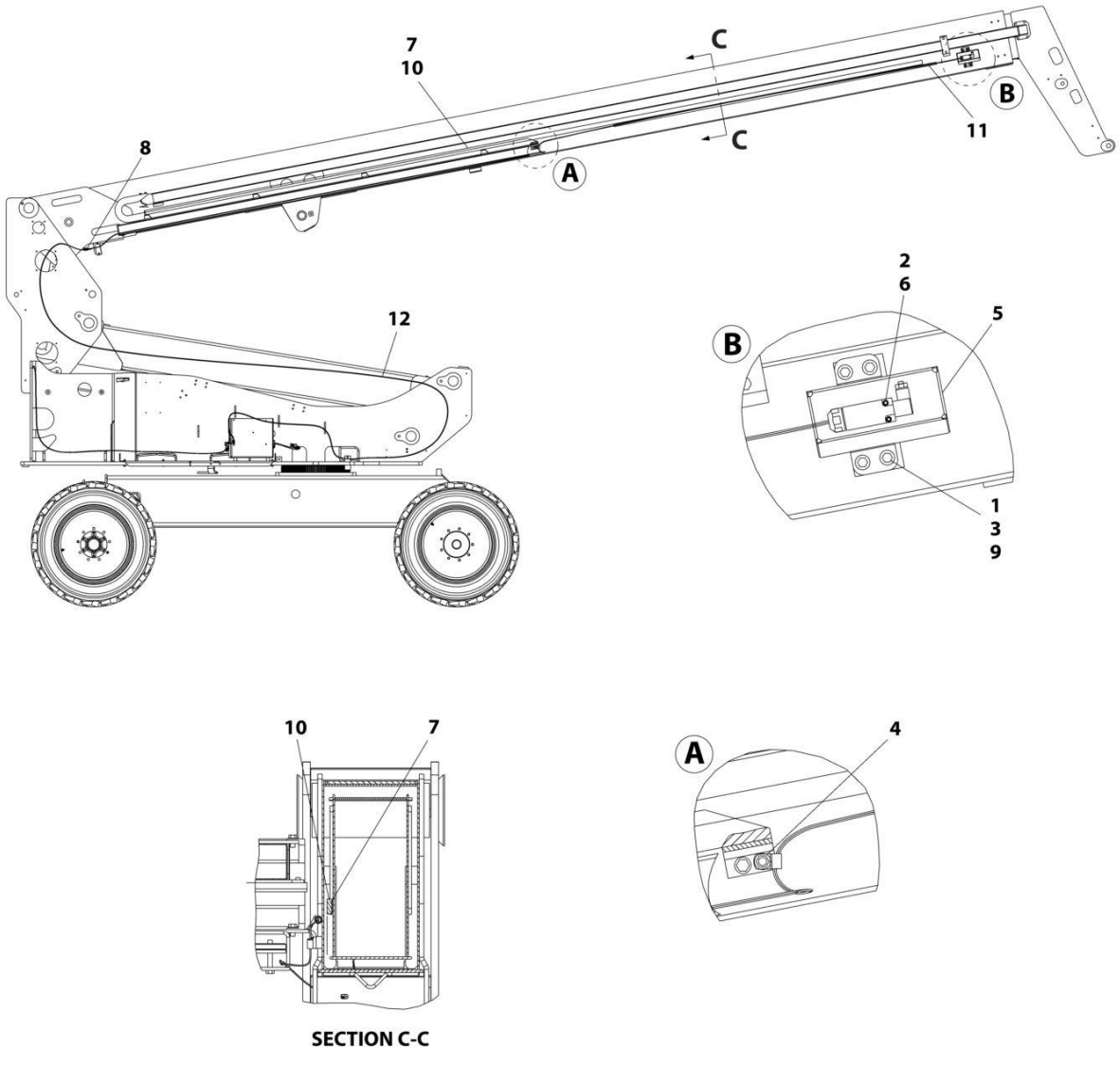
## FIGURE 4-17. BOOM VALVE ASSEMBLY (EC600SJP/H600SJP)



## FIGURE 4-17. BOOM VALVE ASSEMBLY (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219393 | Ref | BOOM VALVE ASSEMBLY | D |
| 11 | 70003027 | 2 | Cartridge, Flow Control (Rotate) | |
| 11 | 70004052 | 2 | Seal Kit - 70003027 Cartridge | |
| 13 | 70007290 | 3 | Cartridge, Solenoid Valve (Less Coil) | |
| 13 | 70007291 | 6 | Coil | |
| 14 | 70005629 | 2 | Cartridge, Check (Platform Level) | |
| 14 | 70023860 | 2 | Seal Kit - 70005629 Cartridge | |
| 15 | 70003019 | 2 | Cartridge, Relief (Platform Level and Jib) | |
| 15 | 70004052 | 2 | Seal Kit - 70003019 Cartridge | |

## FIGURE 4-18. BOOM LIMIT SWITCH INSTALLATION (CE & UK CA SPEC ONLY)



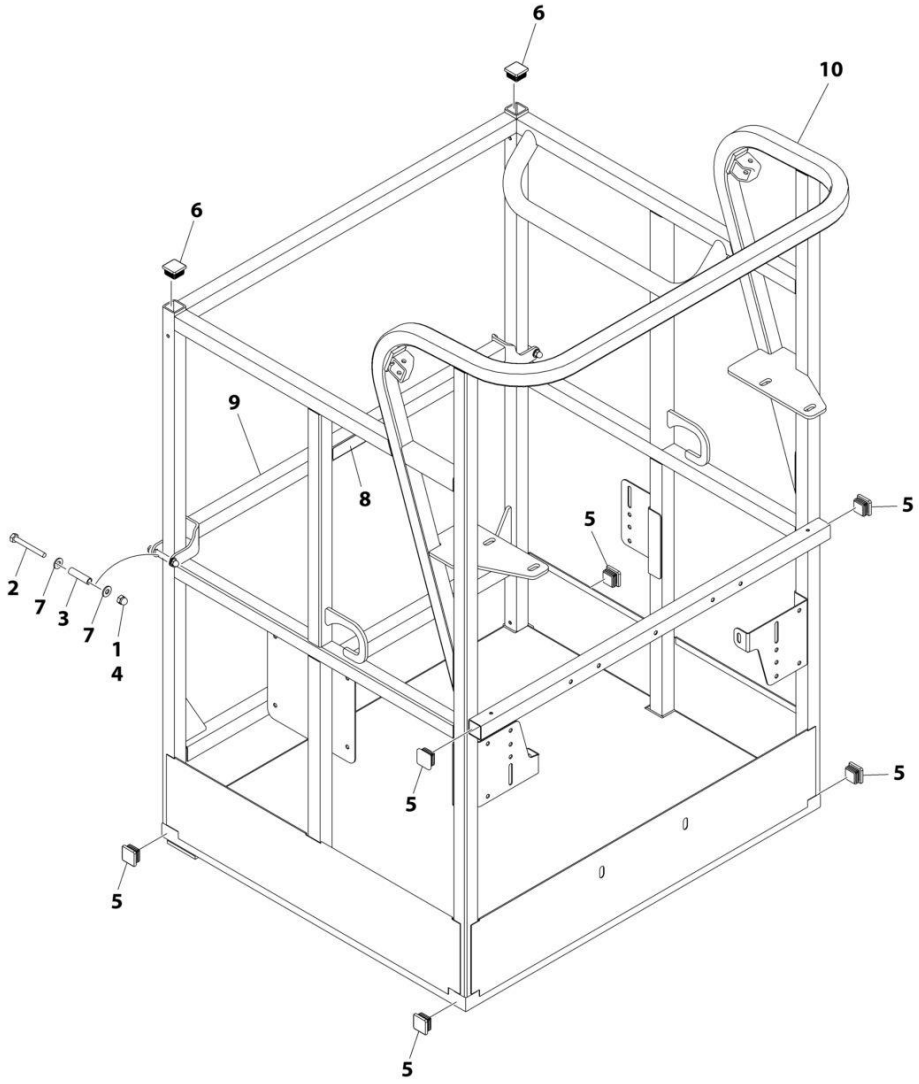
## FIGURE 4-18. BOOM LIMIT SWITCH INSTALLATION (CE & UK CA SPEC ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201365 | Ref | BOOM LIMIT SWITCH INSTALLATION | A |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0100035 | AR | Compound, Locking | |
| 3 | 0641403 | 4 | Bolt 1/4 x 3/8 | |
| 4 | 1320263 | 1 | Clamp, Cable | |
| 5 | 1670824 | 1 | Cover, Switch | |
| 6 | 3930816 | 2 | Bolt #8 x 1 | |
| 7 | 4420060 | 20 ft/6.1m | Tape, Double Sided | |
| 8 | 4460897 | 1 | Connector - 2 Position | |
| 9 | 4751400 | 4 | Washer 1/4 | |
| 10 | 1001106481 | 1 | Bar, PVC | |
| 11 | 1001201247 | 1 | Harness | |
| 11 | 4460464 | 2 | Pin, Male | |
| 12 | 1001201329 | 1 | Transport Boom Harness (See Separate Breakdown in ELECTRICAL Section) | |

# SECTION 5 - PLATFORM

# SECTION 5 - PLATFORM

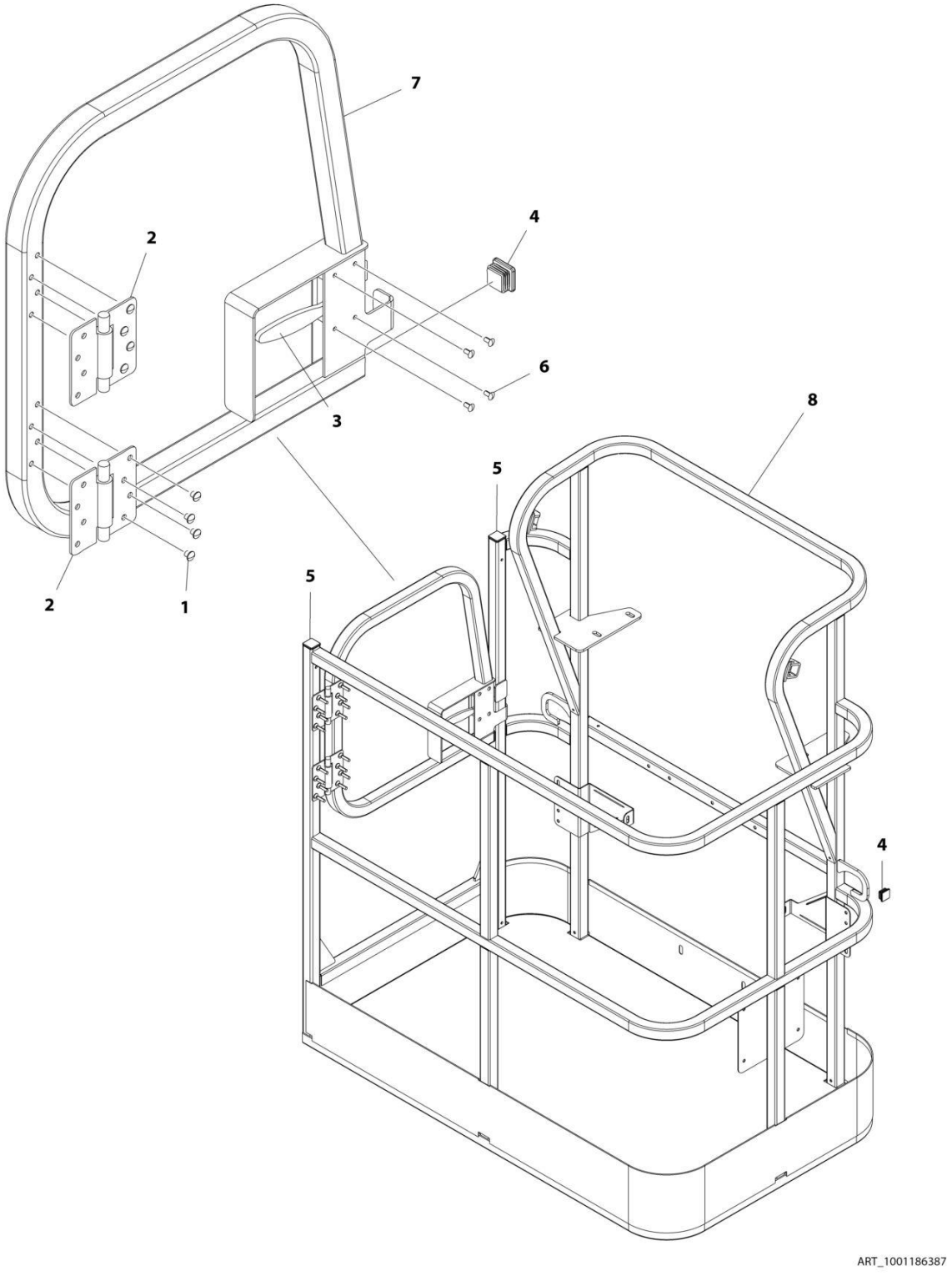
## FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM) - WITH DROP BAR



## FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM) - WITH DROP BAR

| 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) | |

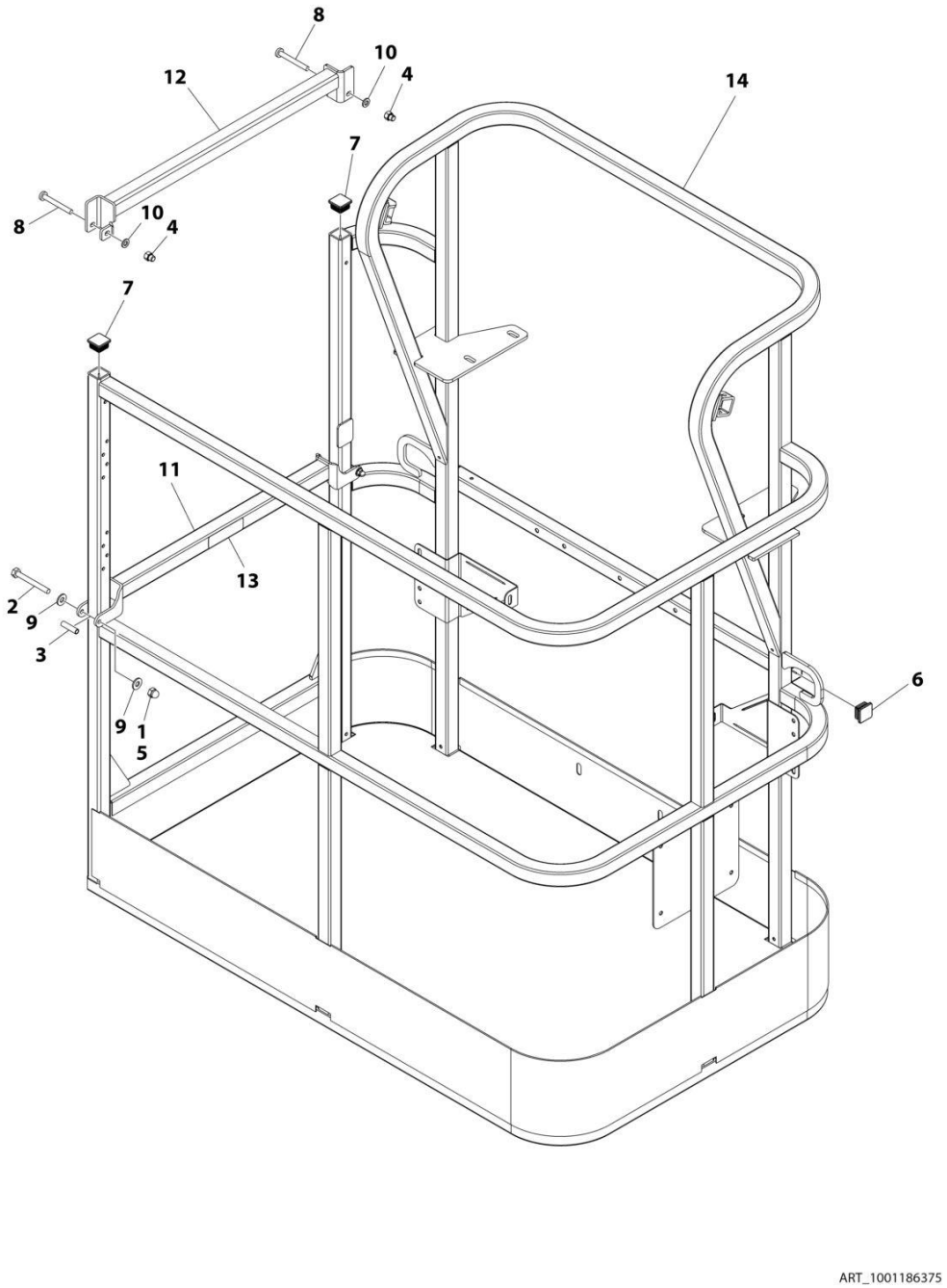
## FIGURE 5-2. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - SIDE GATE ENTRY



## FIGURE 5-2. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - SIDE GATE ENTRY

| 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) | |

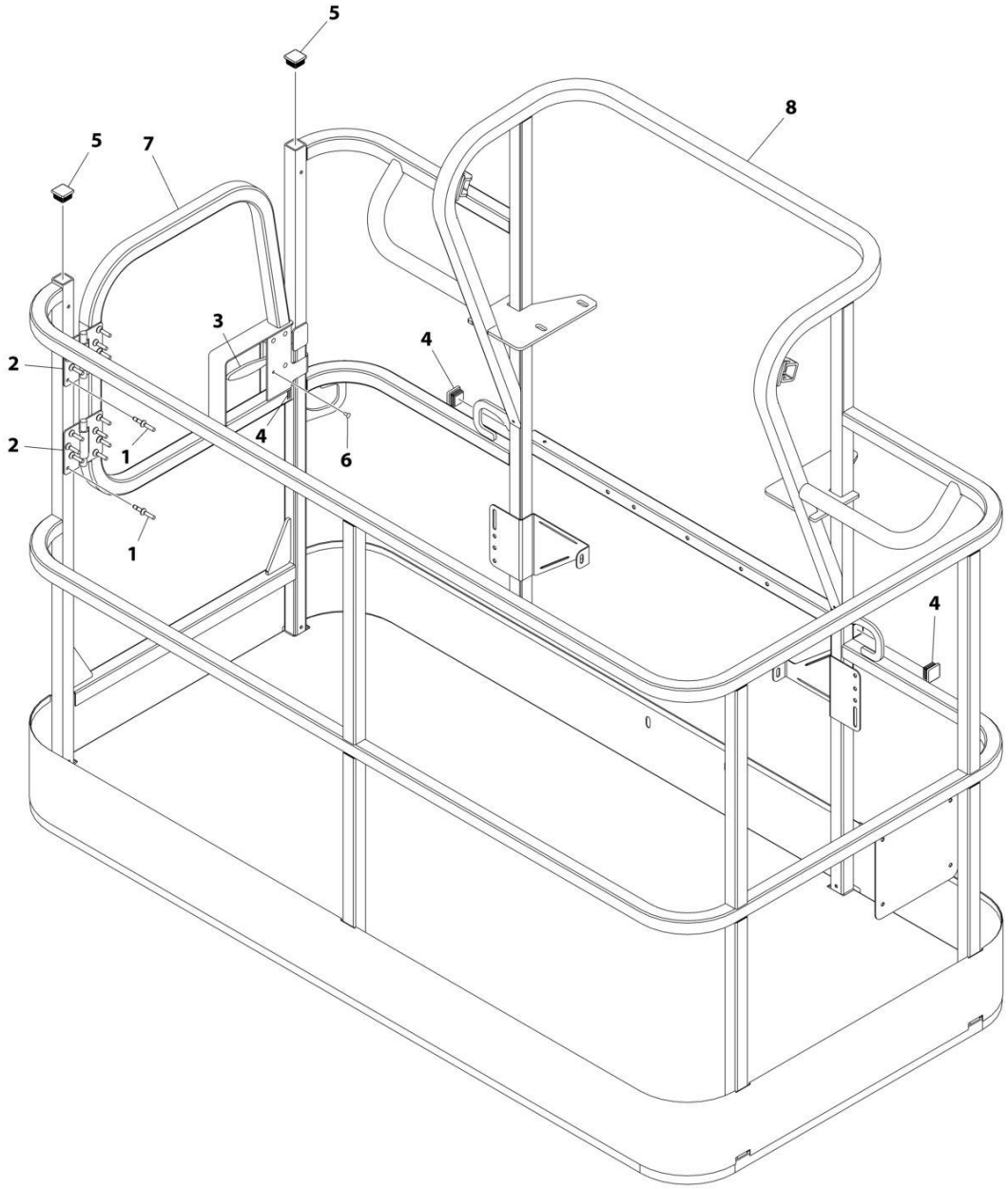
## FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - WITH DROP BAR



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

| 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) | |

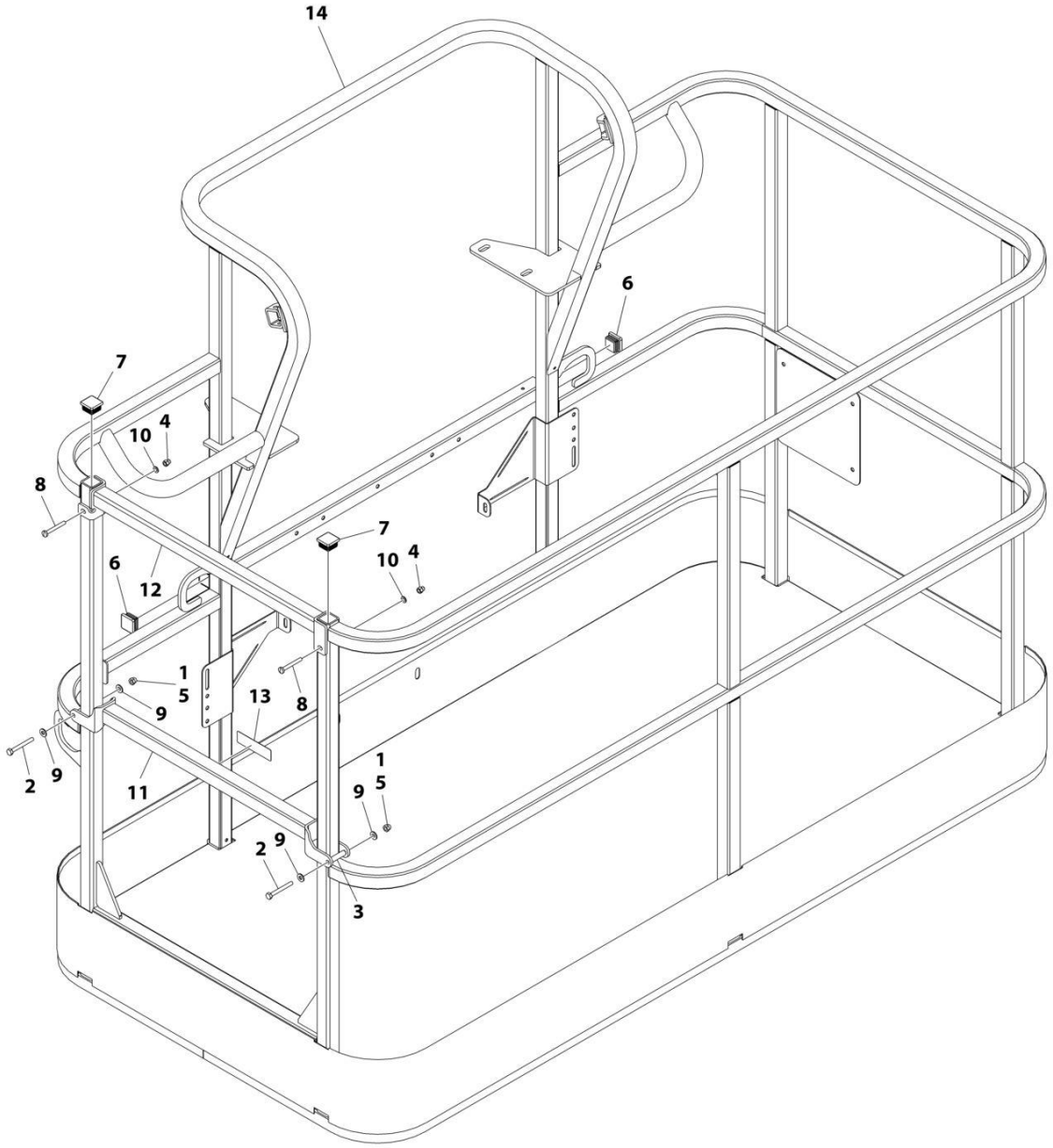
## FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - SIDE GATE ENTRY



## FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - SIDE GATE ENTRY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186385 | Ref | PLATFORM ASSEMBLY | 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) | |

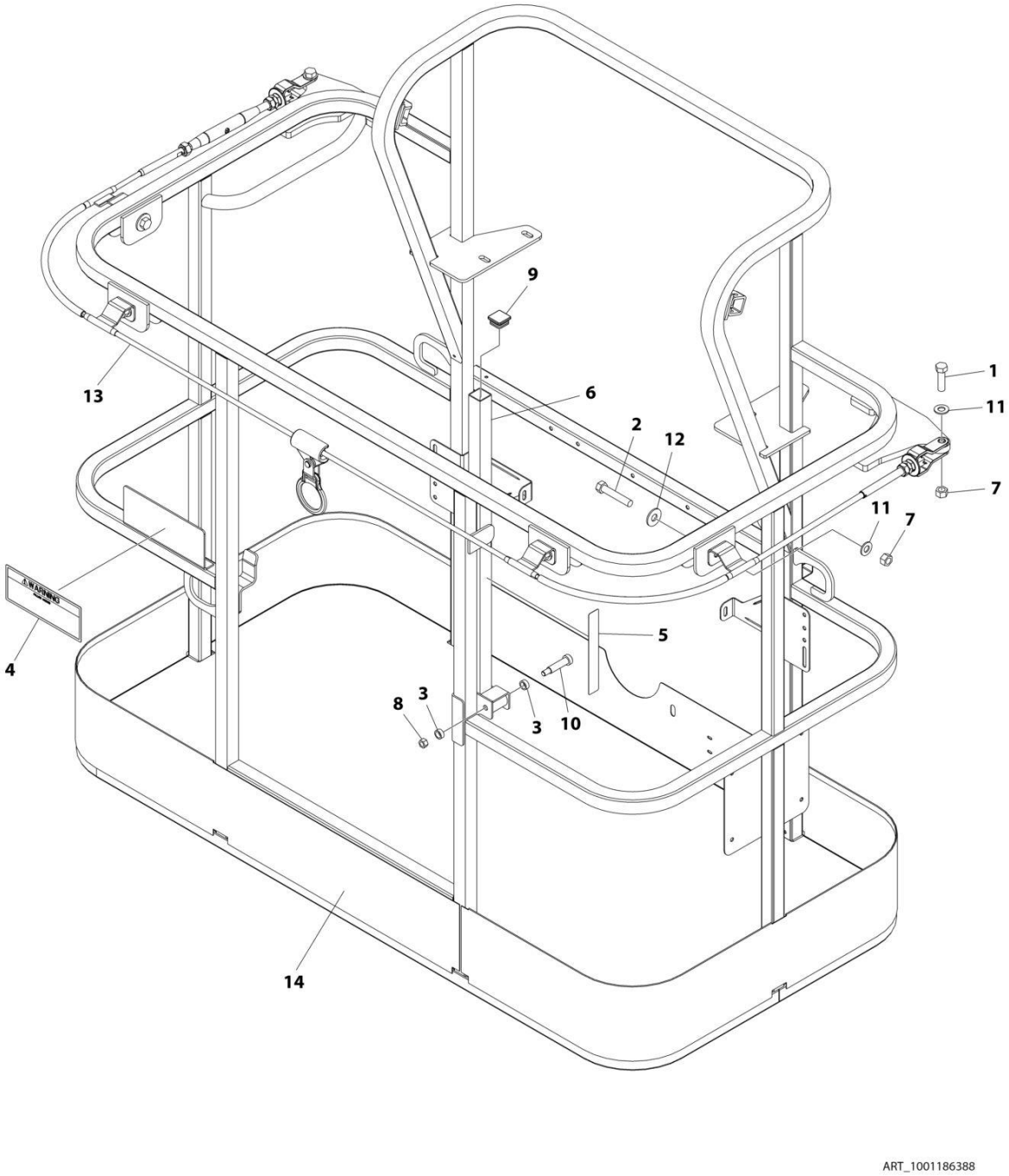
## FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - WITH DROP BAR



## FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - WITH DROP BAR

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186378 | 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 | 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) | |

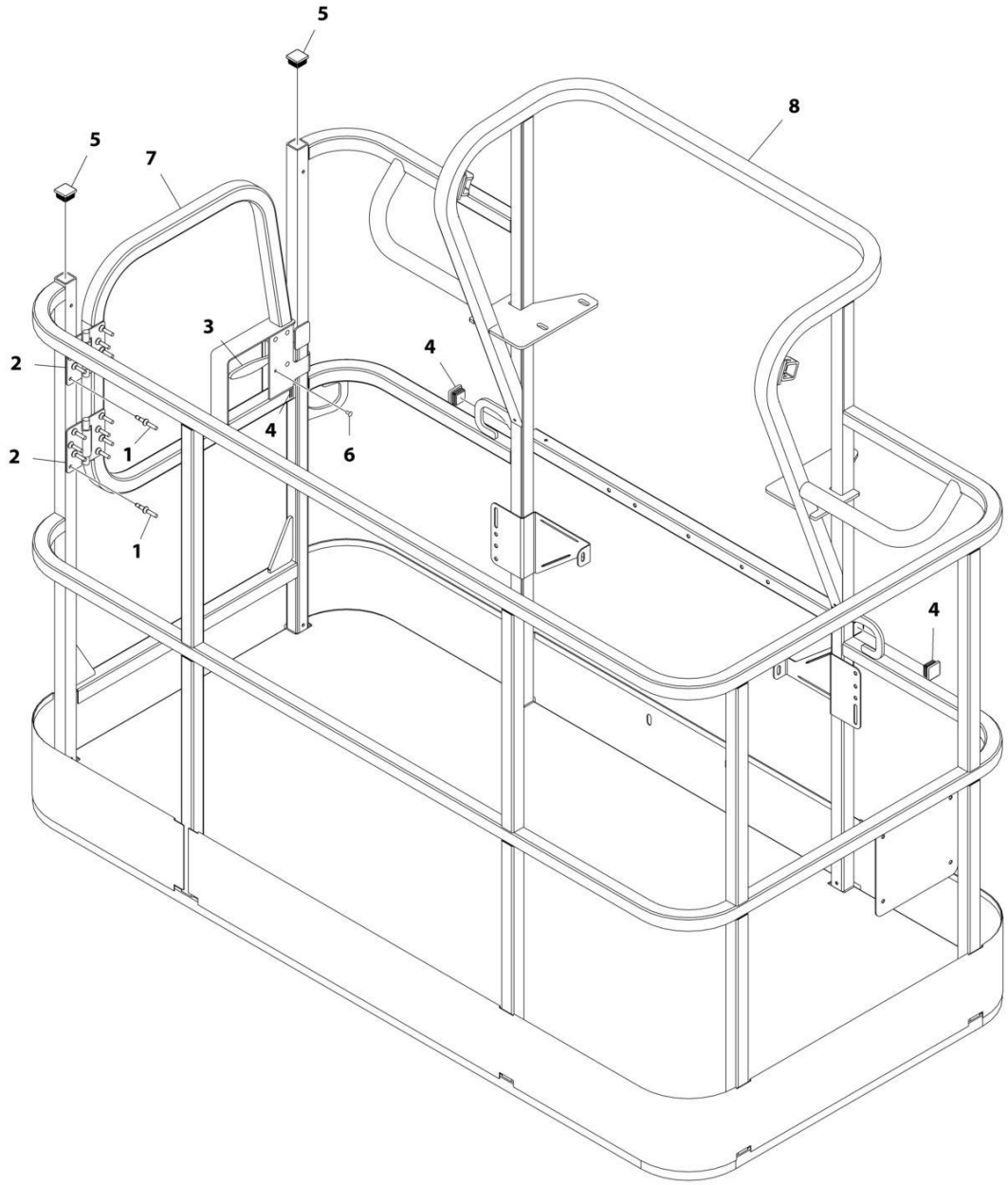
## FIGURE 5-6. PLATFORM ASSEMBLY - 30IN X 6FT (0.9M X 1.83M) (FALL ARREST PLATFORM)



## FIGURE 5-6. PLATFORM ASSEMBLY - 30IN X 6FT (0.9M X 1.83M) (FALL ARREST PLATFORM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186388 | Ref | PLATFORM ASSEMBLY | C |
| | See Note | 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 | 1705014 | 1 | Decal - Safety | |
| 5 | 1706385 | 1 | Decal - Drop Bar | |
| 6 | 2410014 | 1 | Gate, Weldment | |
| 7 | 3271805 | 6 | Nut 1/2 | |
| 8 | 3311605 | 1 | Nut 3/8 | |
| 9 | 3520072 | 1 | Cap, Plug | |
| 10 | 3900054 | 1 | Bolt 1/2 x 1-3/4 | |
| 11 | 4711800 | 6 | Washer 1/2 | |
| 12 | 4751800 | 4 | Washer 1/2 | |
| 13 | 1001203654 | 1 | Lanyard | |
| 14 | See Note | NSS | Platform (Note: Not Available - Purchase Platform Assembly) | |

## FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE

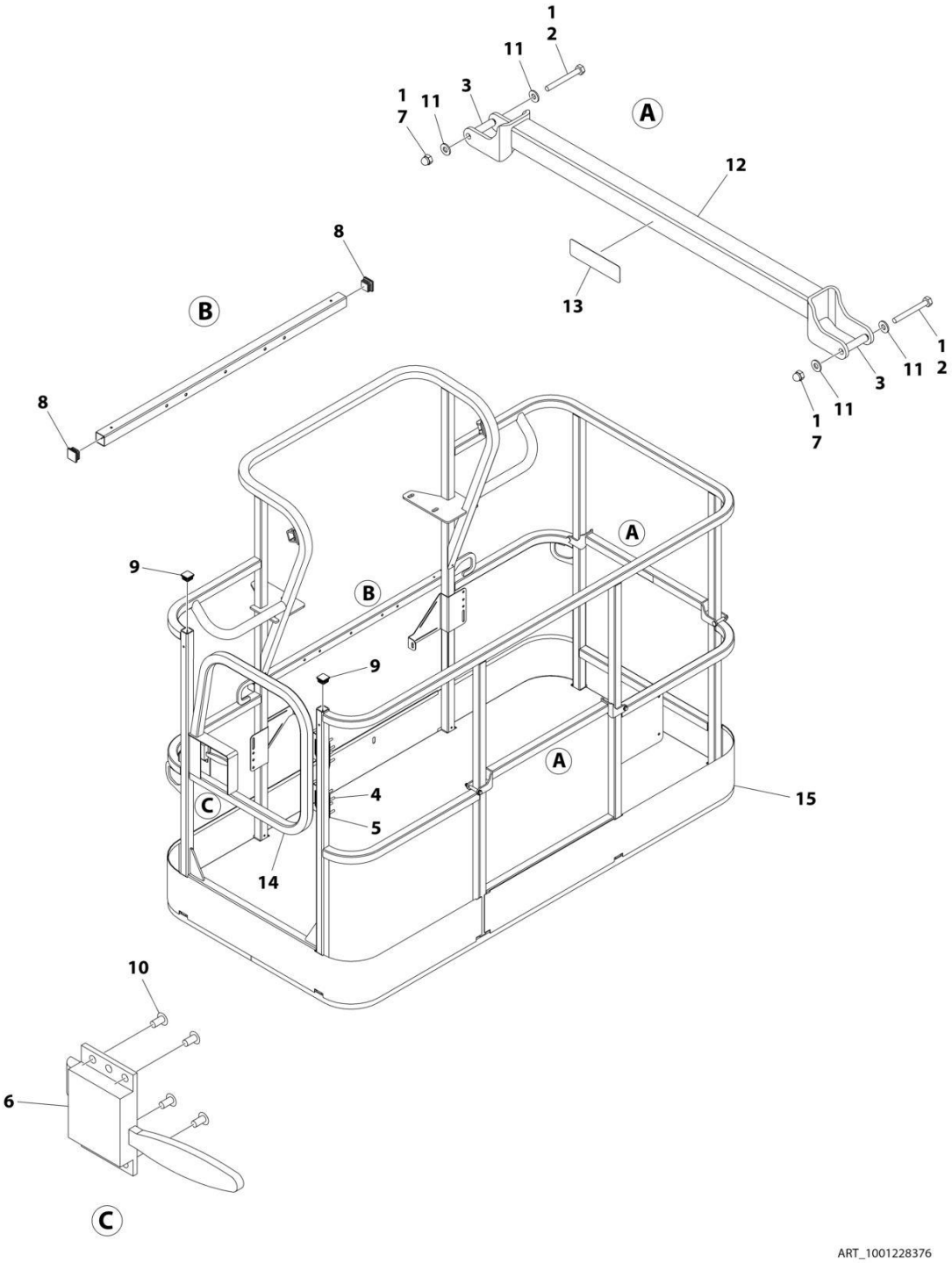


## FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE

| 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) | |

# SECTION 5 - PLATFORM

## FIGURE 5-8. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 1 SWING GATE/2 DROP BARS

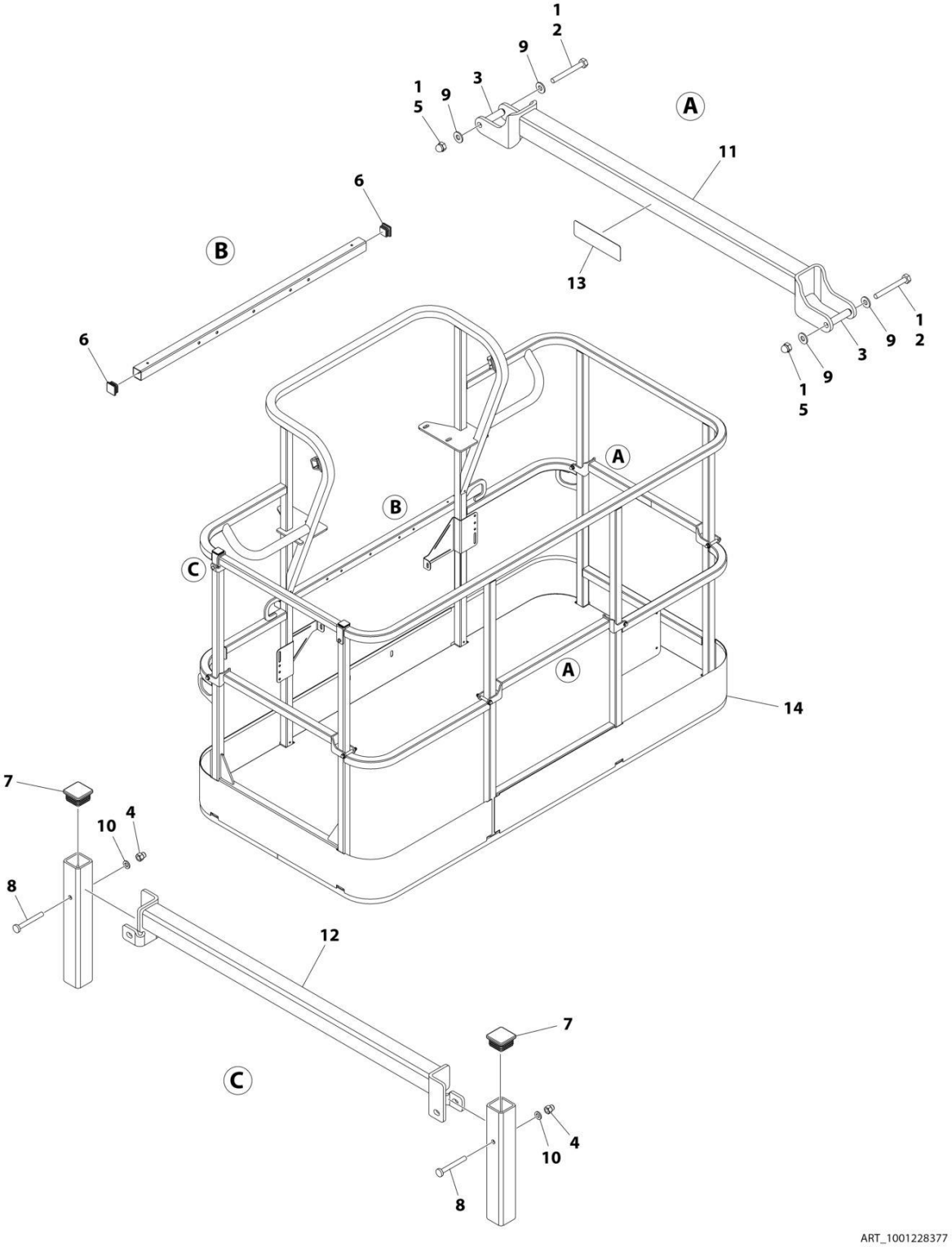


## FIGURE 5-8. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 1 SWING GATE/2 DROP BARS

| 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) | |

# SECTION 5 - PLATFORM

## FIGURE 5-9. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 3 DROP BARS

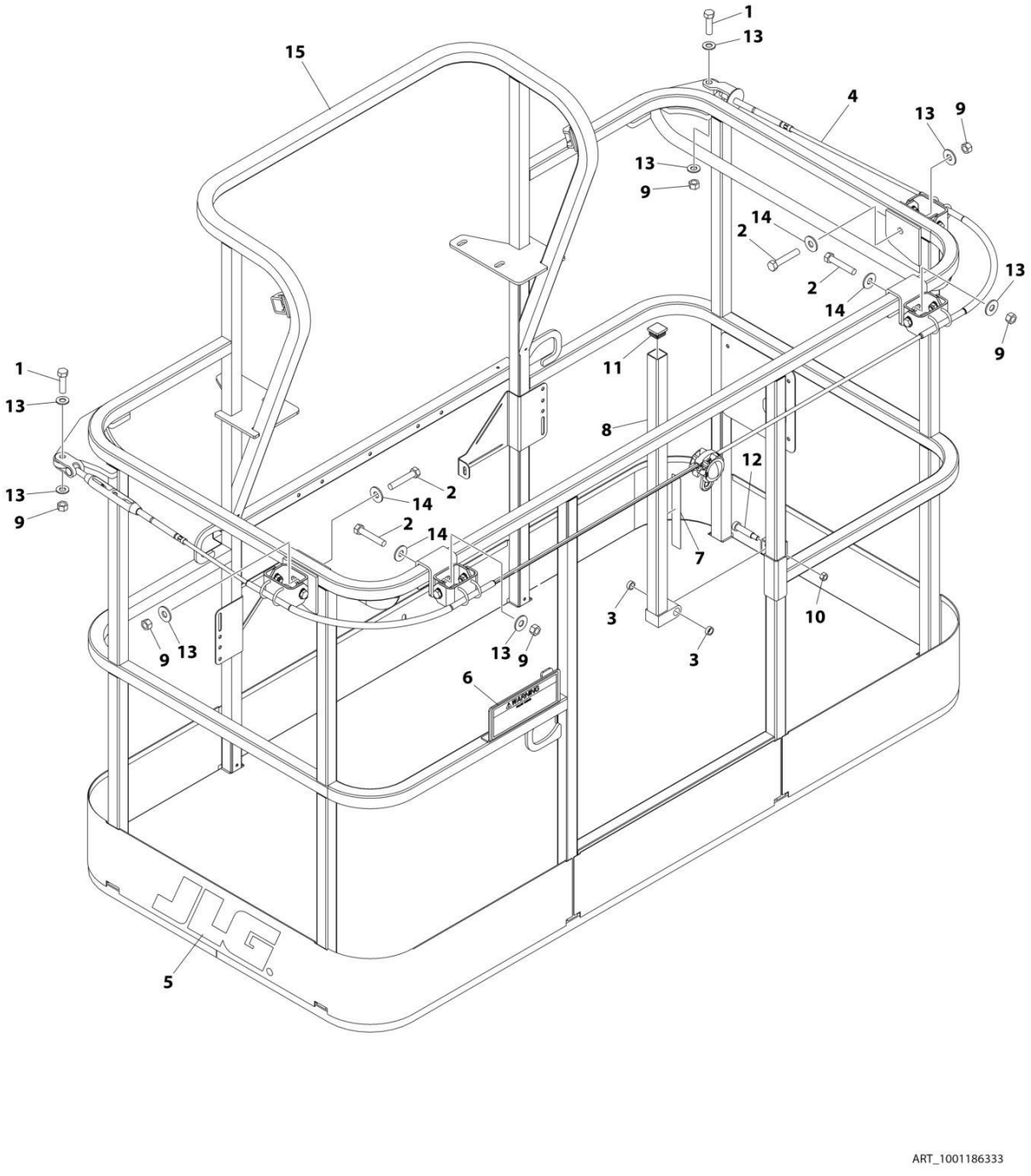


## FIGURE 5-9. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 3 DROP BARS

| 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) | |

# SECTION 5 - PLATFORM

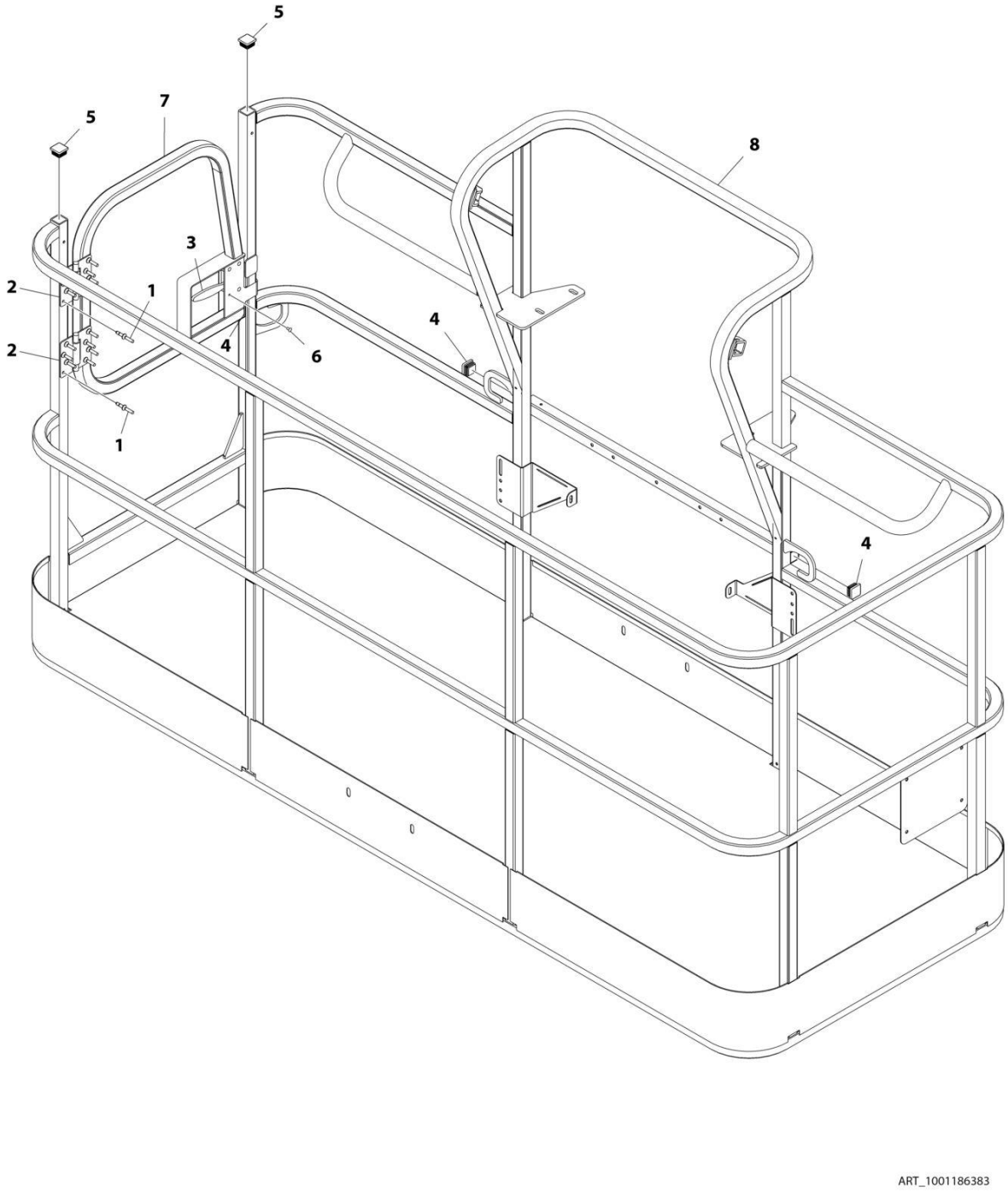
## FIGURE 5-10. PLATFORM ASSEMBLY - 3F X 6FT (91.5CM X 1.83M) (FALL ARREST PLATFORM)



## FIGURE 5-10. PLATFORM ASSEMBLY - 3F X 6FT (91.5CM X 1.83M) (FALL ARREST PLATFORM)

| 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) | |

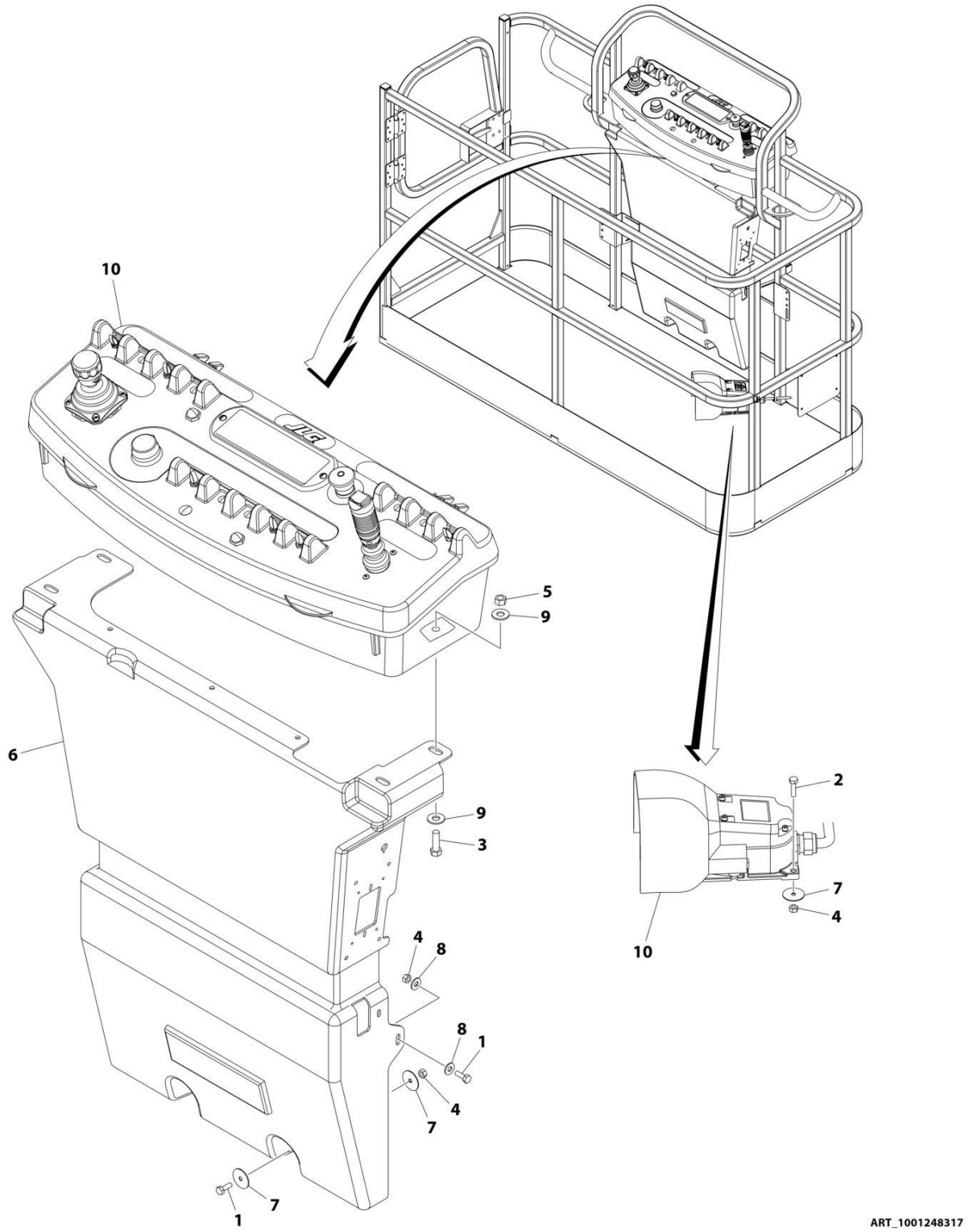
## FIGURE 5-11. PLATFORM ASSEMBLY - 3FT X 8FT (91.5CM X 2.44M) WITH SWING GATE



## FIGURE 5-11. PLATFORM ASSEMBLY - 3FT X 8FT (91.5CM X 2.44M) WITH SWING GATE

| 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) | |

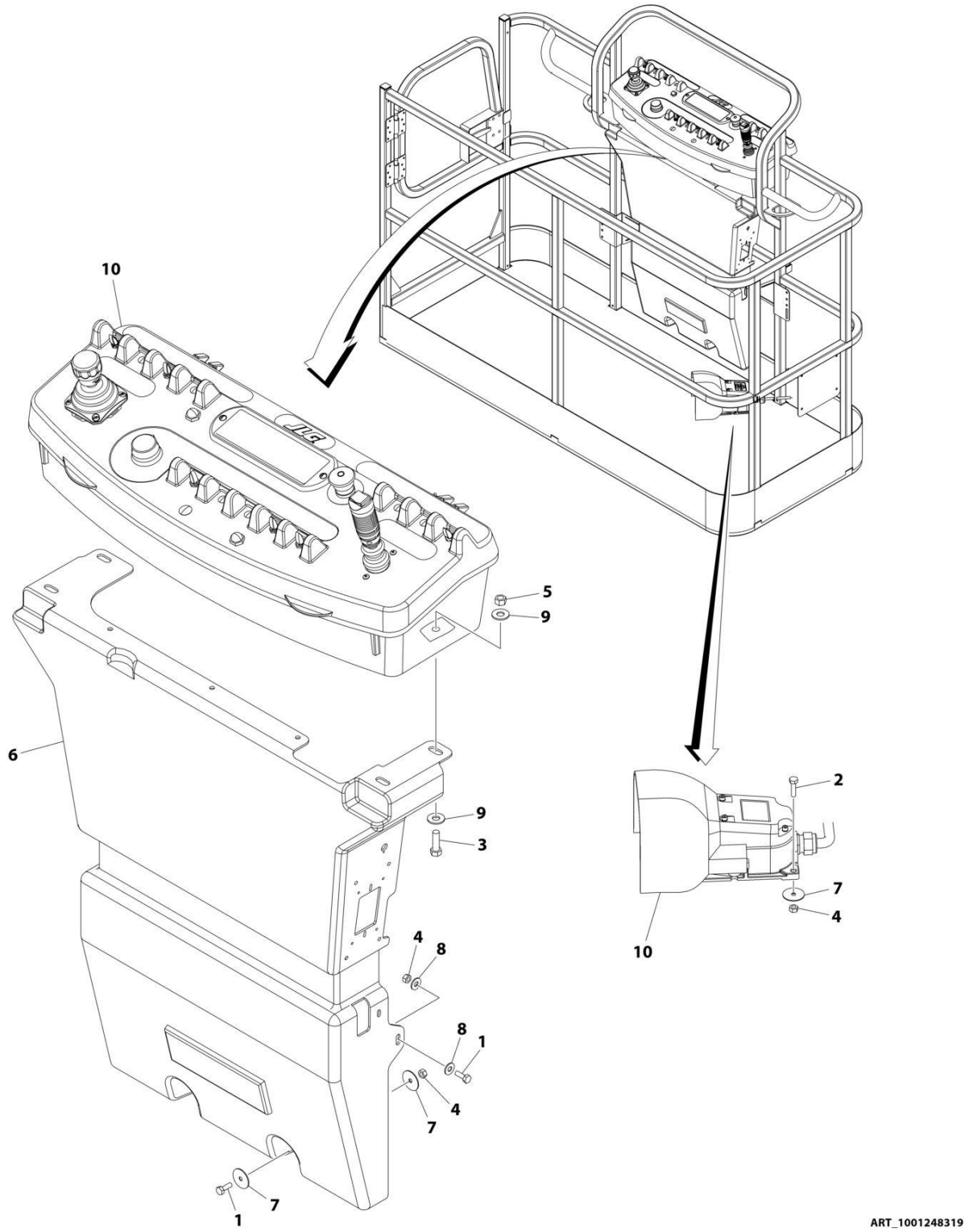
## FIGURE 5-12. PLATFORM CONSOLE INSTALLATION - 2WD (ALL SPECS EXCEPT UL SPECS)



## FIGURE 5-12. PLATFORM CONSOLE INSTALLATION - 2WD (ALL SPECS EXCEPT UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248317 | Ref | PLATFORM CONSOLE BOX 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, Decal Mount | |
| 7 | 4740362 | 7 | Washer 1/4 | |
| 8 | 4751400 | 4 | Washer 1/4 | |
| 9 | 4751600 | 8 | Washer 3/8 | |
| 10 | 1001248316 | 1 | Console Box Assembly (See Separate Breakdown in this Section) | |

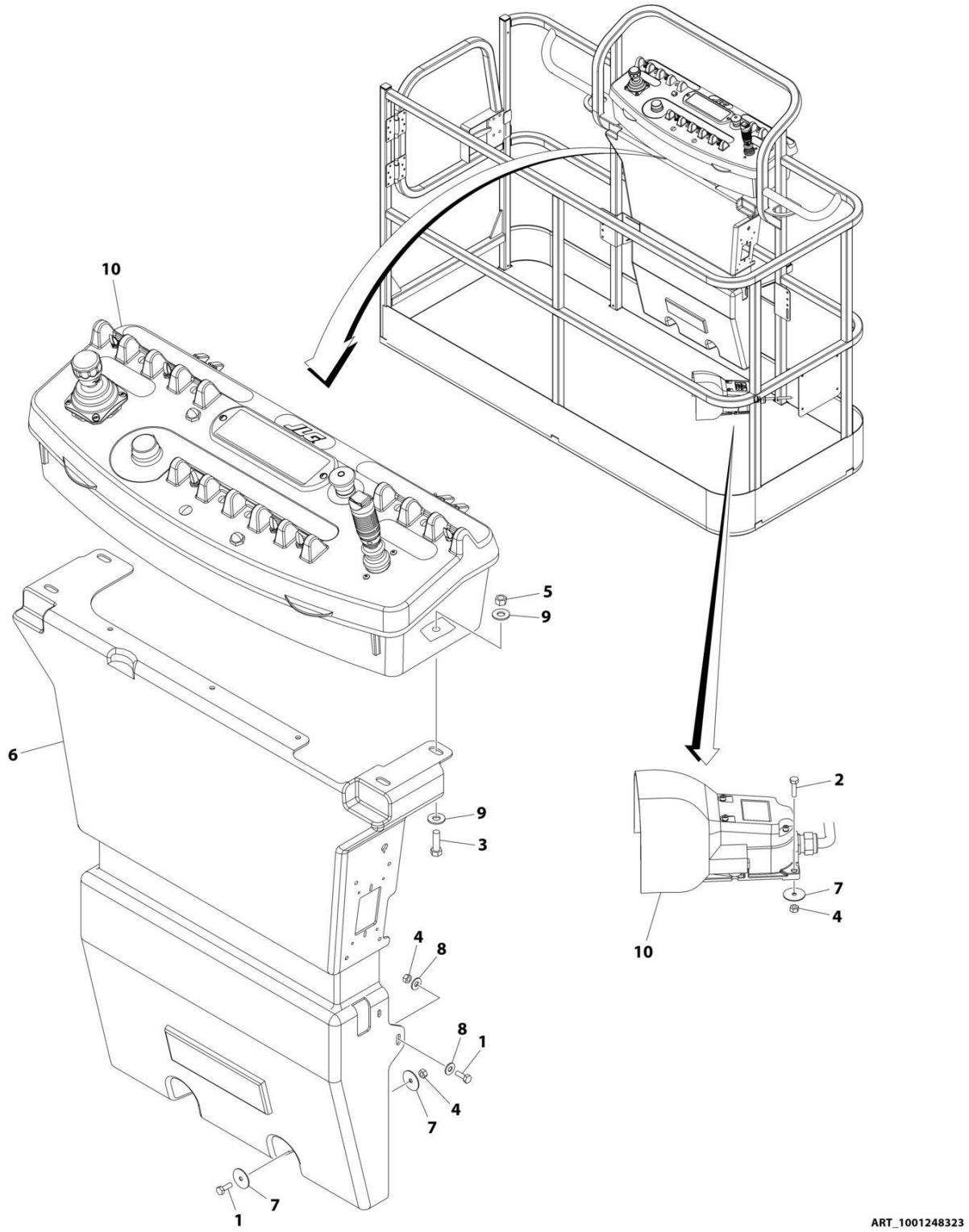
## FIGURE 5-13. PLATFORM CONSOLE INSTALLATION - 2WD (UL SPECS)



## FIGURE 5-13. PLATFORM CONSOLE INSTALLATION - 2WD (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248319 | Ref | PLATFORM CONSOLE BOX INSTALLATION | A |
| 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, Decal Mount | |
| 7 | 4740362 | 7 | Washer 1/4 | |
| 8 | 4751400 | 4 | Washer 1/4 | |
| 9 | 4751600 | 8 | Washer 3/8 | |
| 10 | 1001248318 | 1 | Console Box Assembly (See Separate Breakdown in this Section) | |

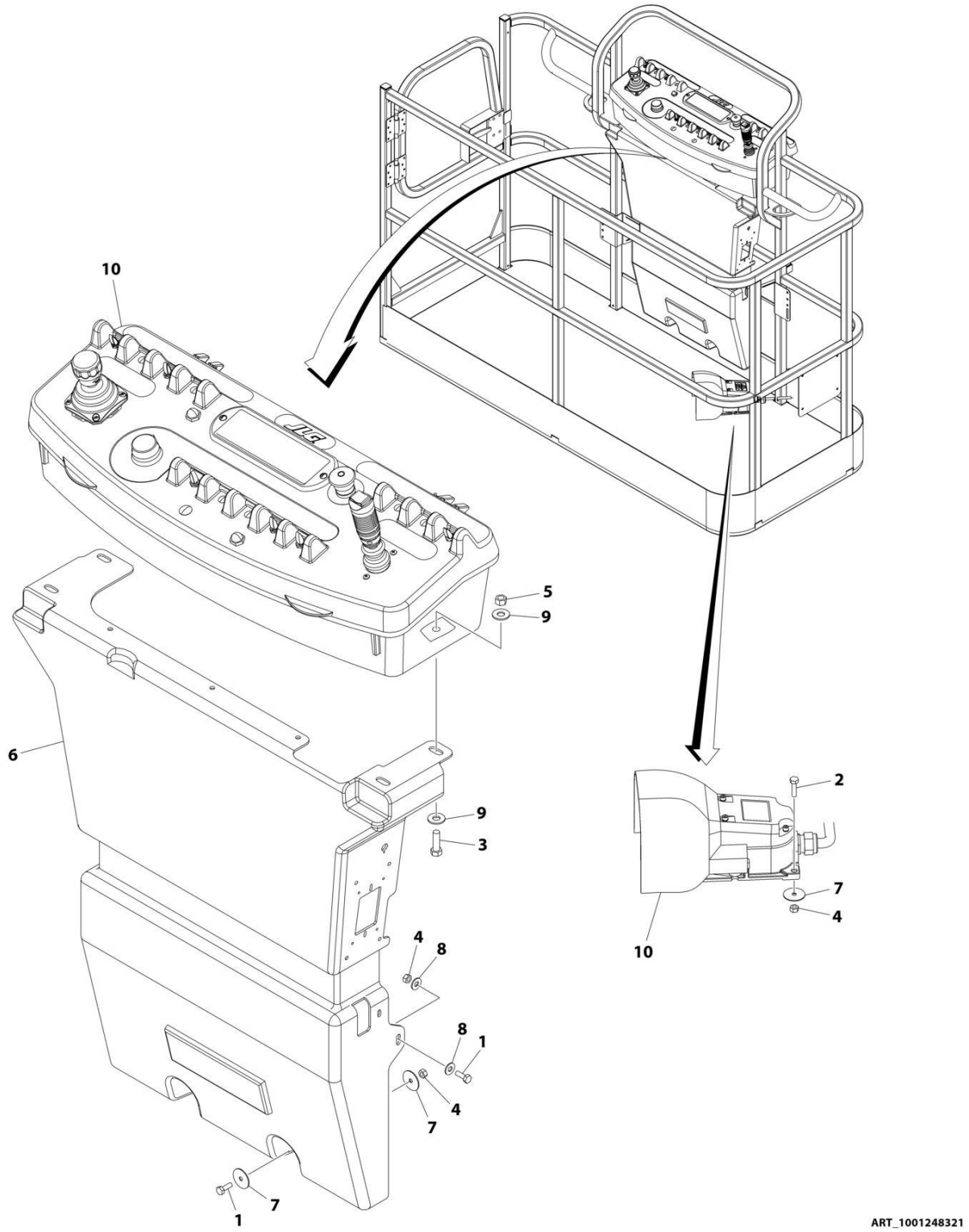
## FIGURE 5-14. PLATFORM CONSOLE INSTALLATION - 4WD (ALL SPECS EXCEPT UL SPECS)



## FIGURE 5-14. PLATFORM CONSOLE INSTALLATION - 4WD (ALL SPECS EXCEPT UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248323 | Ref | PLATFORM CONSOLE BOX INSTALLATION | A |
| 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, Decal Mount | |
| 7 | 4740362 | 7 | Washer 1/4 | |
| 8 | 4751400 | 4 | Washer 1/4 | |
| 9 | 4751600 | 8 | Washer 3/8 | |
| 10 | 1001248322 | 1 | Console Box Assembly (See Separate Breakdown in this Section) | |

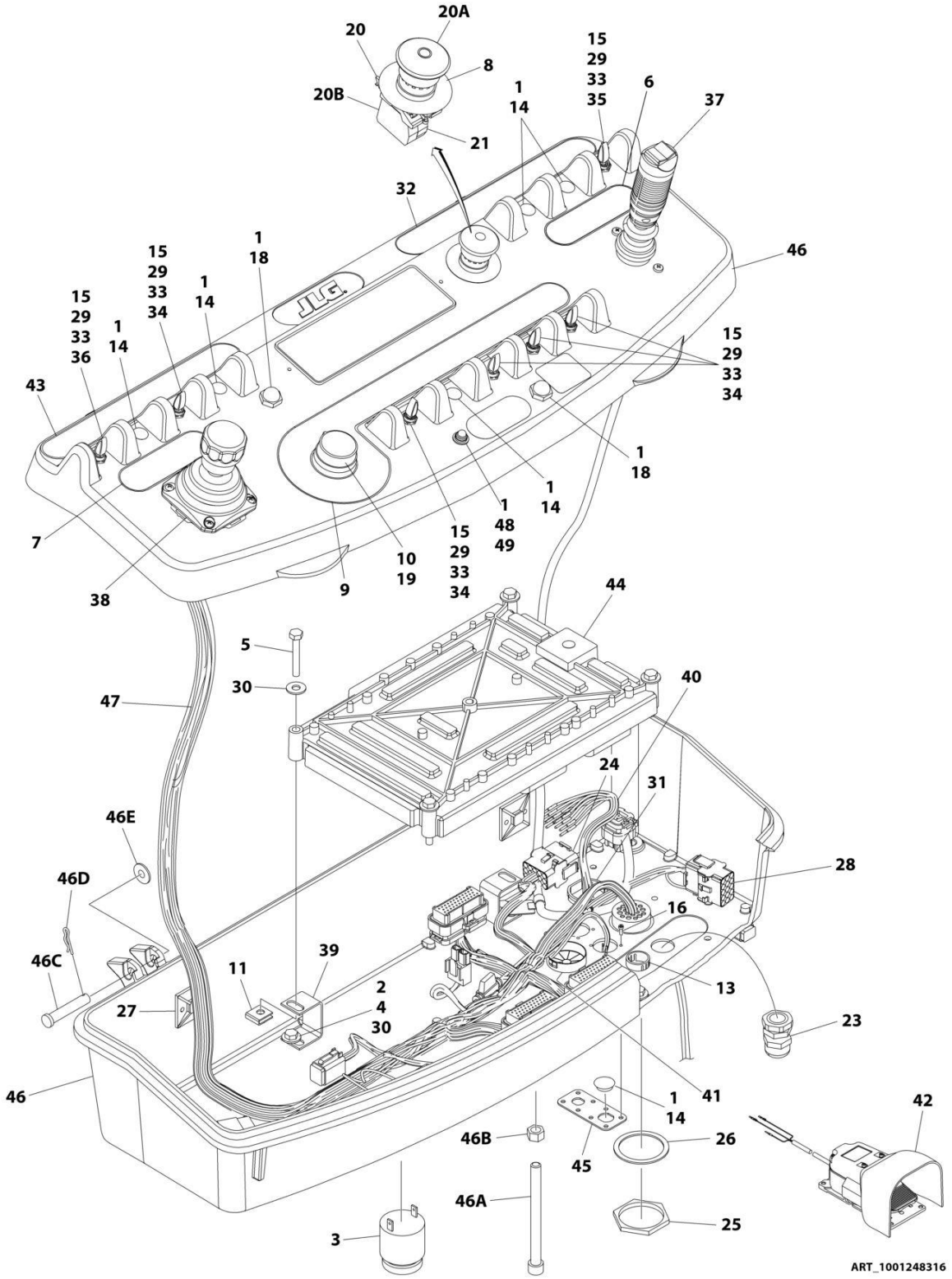
## FIGURE 5-15. PLATFORM CONSOLE INSTALLATION - 4WD (UL SPECS)



## FIGURE 5-15. PLATFORM CONSOLE INSTALLATION - 4WD (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248321 | Ref | PLATFORM CONSOLE BOX 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, Decal Mount | |
| 7 | 4740362 | 7 | Washer 1/4 | |
| 8 | 4751400 | 4 | Washer 1/4 | |
| 9 | 4751600 | 8 | Washer 3/8 | |
| 10 | 1001248320 | 1 | Console Box Assembly (See Separate Breakdown in this Section) | |

## FIGURE 5-16. PLATFORM CONSOLE ASSEMBLY - 2WD (ALL SPECS EXCEPT UL SPECS)



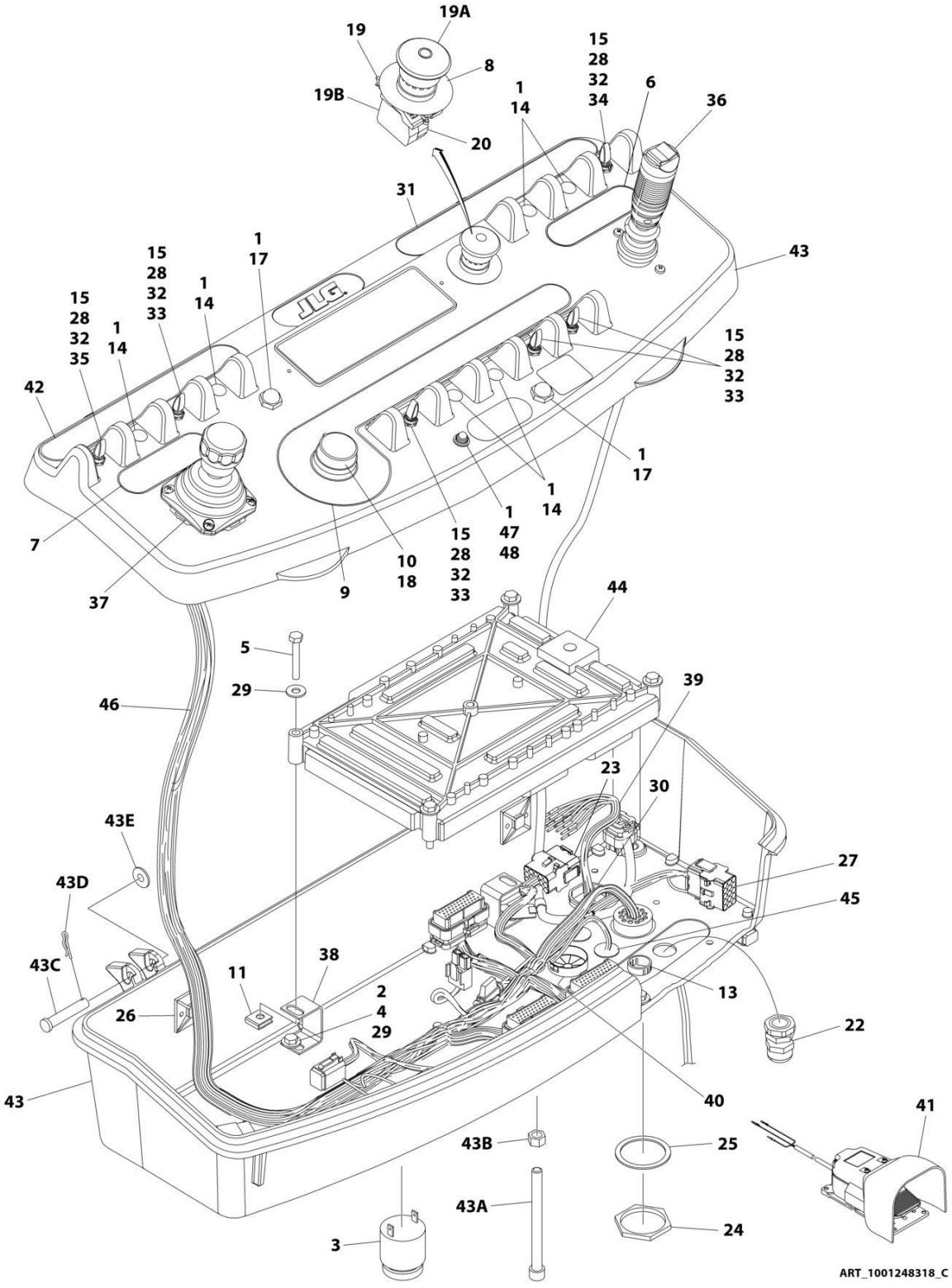
## FIGURE 5-16. PLATFORM CONSOLE ASSEMBLY - 2WD (ALL SPECS EXCEPT UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248316 | Ref | PLATFORM CONSOLE BOX ASSEMBLY | B |
| 1 | 0100009 | AR | Adhesive, Silicone | |
| 2 | 0100035 | AR | Compound, Locking | |
| 3 | 0140011 | 1 | Alarm | |
| 4 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 5 | 0641414 | 4 | Bolt 1/4 x 1-3/4 | |
| 6 | 1702565 | 1 | Decal - Drive and Steer | |
| 7 | 1702566 | 1 | Decal - Lift and Swing | |
| 8 | 1704260 | 1 | Decal - EMS | |
| 9 | 1704422 | 1 | Decal - Function Speed | |
| 10 | 2560136 | 1 | Knob, Speed Control | |
| 11 | 3300353 | 4 | Nut, Tinnerman | |
| 13 | 3520030 | 1 | Plug, Hole | |
| 14 | 3520054 | 6 | Plug, Hole | |
| 15 | 3790012 | 7 | O-Ring | |
| 16 | 3900349 | 8 | Screw M2.5 | |
| 17 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 18 | 4360387 | 2 | Switch, Push Button | |
| 19 | 4360407 | 1 | Switch, Potentiometer | |
| 20 | 4360475 | 1 | Switch, Emergency Stop | |
| 20A | 7020175 | 1 | Cap, Mushroom with Sealing Ring | |
| 20B | 7020176 | 1 | Block, Contact | |
| 21 | 4360476 | 1 | Block, Contact | |
| 22 | 4460234 | 4 | Mount, Tie-Strap (Not Shown) | |
| 23 | 4460428 | 1 | Connector, Strain Relief | |
| 24 | 4460434 | 1 | Connector - 15 Position | |
| 25 | 4460470 | 1 | Nut, Terminal | |
| 26 | 4460471 | 1 | Washer, Terminal | |
| 27 | 4460488 | 2 | Mount, Tie-Strap | |
| 28 | 4460708 | 1 | Connector - 15 Position | |
| 29 | 4740397 | 7 | Spacer, Washer | |
| 30 | 4751400 | 8 | Washer 1/4 | |
| 31 | 1001110434 | 1 | Plug | |
| 32 | 1001247538 | 1 | Decal - Stop/Generator | |
| 33 | 1001155044 | 7 | Nut 15/32 | |
| 34 | 1001155045 | 5 | Switch, Toggle | |
| 35 | 1001159256 | 1 | Switch, Toggle | |
| 36 | 1001161710 | 1 | Switch, Toggle | |
| 37 | 1001166538 | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breakdown in this Section) | |
| 38 | 1001166539 | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breakdown in this Section) | |
| 39 | 1001172760 | 4 | Bracket | |
| 40 | 1001255918 | 1 | Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 41 | 1001185281 | 1 | Plug | |
| 42 | 1001189039 | 1 | Footswitch Assembly (See Separate Breakdown in this Section) | |
| 43 | 1001193987 | 1 | Decal - Stop and Drive Select | |
| 44 | 1001196520 | 1 | Module, Platform (Note: Re-calibration Required when Replaced) | |
| 45 | 1001213882 | 1 | Mount, Connector | |

# SECTION 5 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001215228 | 1 | Console Box Assembly | C |
| 46A | 0630568 | 1 | Capscrew 3/8 x 4-1/2 | |
| 46B | 3311601 | 1 | Nut 3/8 | |
| 46C | 3430616 | 2 | Pin | |
| 46D | 3470003 | 2 | Hairpin | |
| 46E | 4711600 | 2 | Washer 3/8 | |
| 47 | 1001245673 | 1 | Platform Console Box Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 48 | 2920028 | 1 | Lamp, Indicator | |
| 49 | 2920029 | 1 | Bulb, Light | |

## FIGURE 5-17. PLATFORM CONSOLE ASSEMBLY - 2WD (UL SPECS)



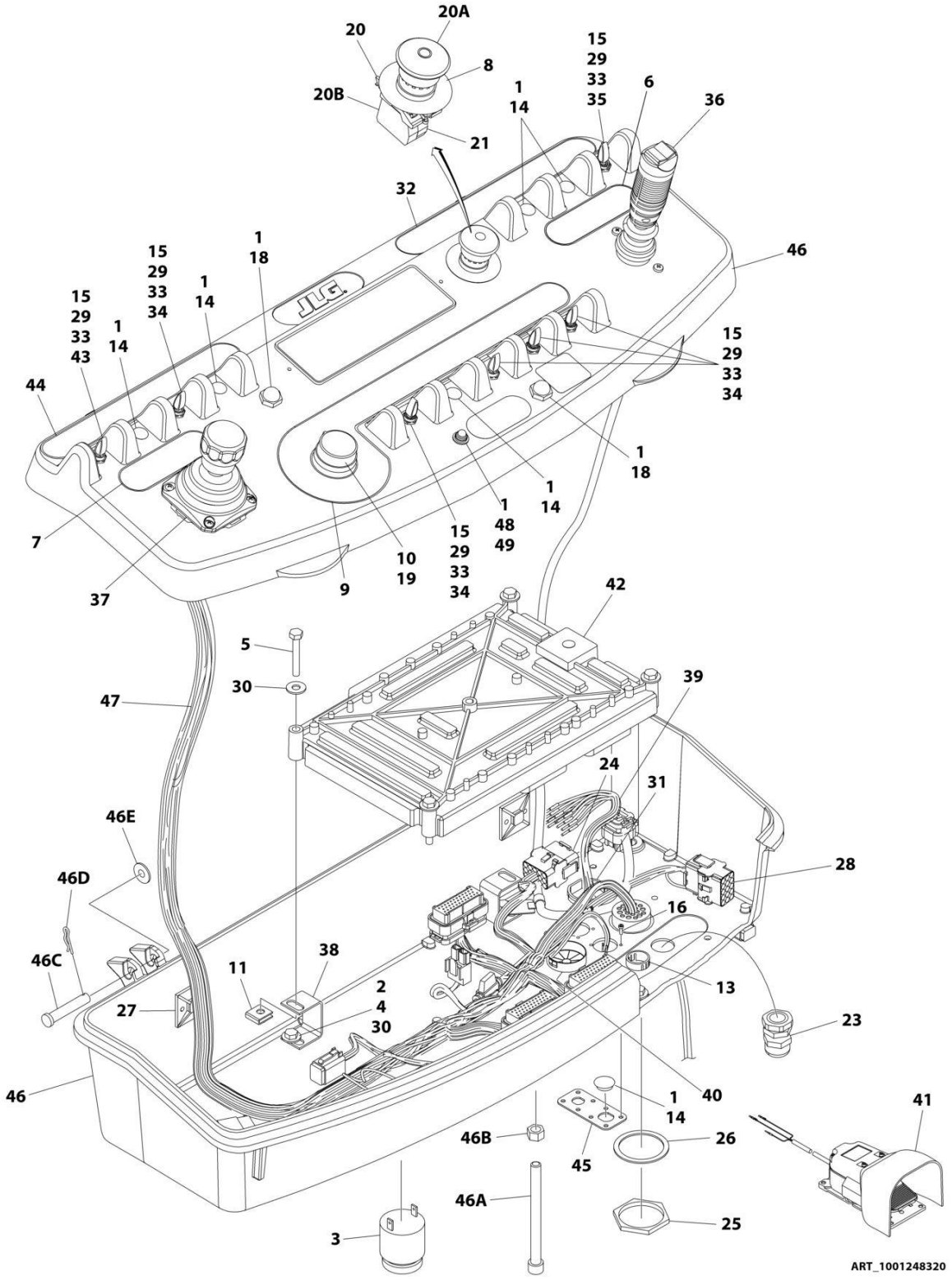
## FIGURE 5-17. PLATFORM CONSOLE ASSEMBLY - 2WD (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248318 | Ref | PLATFORM CONSOLE BOX ASSEMBLY | C |
| 1 | 0100009 | AR | Adhesive, Silicone | |
| 2 | 0100035 | AR | Compound, Locking | |
| 3 | 0140011 | 1 | Alarm | |
| 4 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 5 | 0641414 | 4 | Bolt 1/4 x 1-3/4 | |
| 6 | 1702565 | 1 | Decal - Drive and Steer | |
| 7 | 1702566 | 1 | Decal - Lift and Swing | |
| 8 | 1704260 | 1 | Decal - EMS | |
| 9 | 1704422 | 1 | Decal - Function Speed | |
| 10 | 2560136 | 1 | Knob, Speed Control | |
| 11 | 3300353 | 4 | Nut, Tinnerman | |
| 13 | 3520030 | 1 | Plug, Hole | |
| 14 | 3520054 | 6 | Plug, Hole | |
| 15 | 3790012 | 6 | O-Ring | |
| 16 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 17 | 4360387 | 2 | Switch, Push Button | |
| 18 | 4360407 | 1 | Switch, Potentiometer | |
| 19 | 4360475 | 1 | Switch, Emergency Stop | |
| 19A | 7020175 | 1 | Cap, Mushroom with Sealing Ring | |
| 19B | 7020176 | 1 | Block, Contact | |
| 20 | 4360476 | 1 | Block, Contact | |
| 21 | 4460234 | 4 | Mount, Tie-Strap (Not Shown) | |
| 22 | 4460428 | 1 | Connector, Strain Relief | |
| 23 | 4460434 | 1 | Connector - 15 Position | |
| 24 | 4460470 | 1 | Nut, Terminal | |
| 25 | 4460471 | 1 | Washer, Terminal | |
| 26 | 4460488 | 2 | Mount, Tie-Strap | |
| 27 | 4460708 | 1 | Connector - 15 Position | |
| 28 | 4740397 | 6 | Spacer, Washer | |
| 29 | 4751400 | 8 | Washer 1/4 | |
| 30 | 1001110434 | 1 | Plug | |
| 31 | 1001247538 | 1 | Decal - Stop/Generator | |
| 32 | 1001155044 | 6 | Nut 15/32 | |
| 33 | 1001155045 | 4 | Switch, Toggle | |
| 34 | 1001159256 | 1 | Switch, Toggle | |
| 35 | 1001161710 | 1 | Switch, Toggle | |
| 36 | 1001166538 | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breeakdown in this Section) | |
| 37 | 1001166539 | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breeakdown in this Section) | |
| 38 | 1001172760 | 4 | Bracket | |
| 39 | 1001255918 | 1 | Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 40 | 1001185281 | 1 | Plug | |
| 41 | 1001189039 | 1 | Footswitch Assembly (See Separate Breakdown in this Section) | |
| 42 | 1001193987 | 1 | Decal - Stop and Drive Select | |
| 43 | 1001215228 | 1 | Console Box Assembly | C |
| 43A | 0630568 | 1 | Capscrew 3/8 x 4-1/2 | |
| 43B | 3311601 | 1 | Nut 3/8 | |

# SECTION 5 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 43C | 3430616 | 2 | Pin | |
| 43D | 3470003 | 2 | Hairpin | |
| 43E | 4711600 | 2 | Washer 3/8 | |
| 44 | 1001215835 | 1 | Module, Platform (Note: Re-calibration Required when Replaced) | |
| 45 | 1001220486 | 2 | Plug, Rubber | |
| 46 | 1001272279 | 1 | Platform Console Box Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 47 | 2920028 | 1 | Lamp, Indicator | |
| 48 | 2920029 | 1 | Bulb, Light | |

## FIGURE 5-18. PLATFORM CONSOLE ASSEMBLY - 4WD (ALL SPECS EXCEPT UL SPECS)



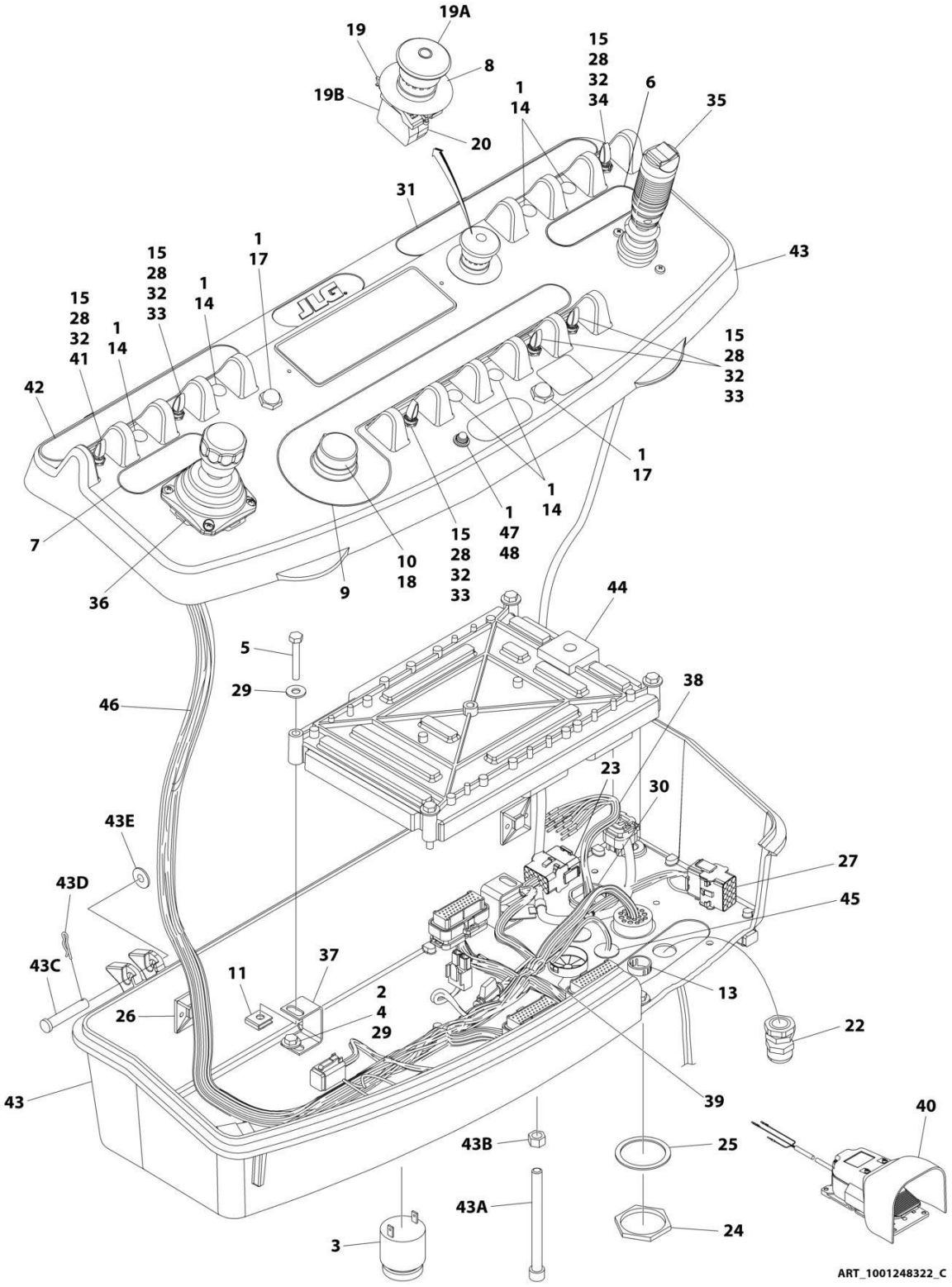
## FIGURE 5-18. PLATFORM CONSOLE ASSEMBLY - 4WD (ALL SPECS EXCEPT UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248320 | Ref | PLATFORM CONSOLE BOX ASSEMBLY | B |
| 1 | 0100009 | AR | Adhesive, Silicone | |
| 2 | 0100035 | AR | Compound, Locking | |
| 3 | 0140011 | 1 | Alarm | |
| 4 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 5 | 0641414 | 4 | Bolt 1/4 x 1-3/4 | |
| 6 | 1702565 | 1 | Decal - Drive and Steer | |
| 7 | 1702566 | 1 | Decal - Lift and Swing | |
| 8 | 1704260 | 1 | Decal - EMS | |
| 9 | 1704422 | 1 | Decal - Function Speed | |
| 10 | 2560136 | 1 | Knob, Speed Control | |
| 11 | 3300353 | 4 | Nut, Tinnerman | |
| 13 | 3520030 | 1 | Plug, Hole | |
| 14 | 3520054 | 6 | Plug, Hole | |
| 15 | 3790012 | 7 | O-Ring | |
| 16 | 3900349 | 8 | Screw M2.5 | |
| 17 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 18 | 4360387 | 2 | Switch, Push Button | |
| 19 | 4360407 | 1 | Switch, Potentiometer | |
| 20 | 4360475 | 1 | Switch, Emergency Stop | |
| 20A | 7020175 | 1 | Cap, Mushroom with Sealing Ring | |
| 20B | 7020176 | 1 | Block, Contact | |
| 21 | 4360476 | 1 | Block, Contact | |
| 22 | 4460234 | 4 | Mount, Tie-Strap (Not Shown) | |
| 23 | 4460428 | 1 | Connector, Strain Relief | |
| 24 | 4460434 | 1 | Connector - 15 Position | |
| 25 | 4460470 | 1 | Nut, Terminal | |
| 26 | 4460471 | 1 | Washer, Terminal | |
| 27 | 4460488 | 2 | Mount, Tie-Strap | |
| 28 | 4460708 | 1 | Connector - 15 Position | |
| 29 | 4740397 | 7 | Spacer, Washer | |
| 30 | 4751400 | 8 | Washer 1/4 | |
| 31 | 1001110434 | 1 | Plug | |
| 32 | 1001247538 | 1 | Decal - Stop/Generator | |
| 33 | 1001155044 | 7 | Nut 15/32 | |
| 34 | 1001155045 | 5 | Switch, Toggle | |
| 35 | 1001159256 | 1 | Switch, Toggle | |
| 36 | 1001166538 | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breeakdown in this Section) | |
| 37 | 1001166539 | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breeakdown in this Section) | |
| 38 | 1001172760 | 4 | Bracket | |
| 39 | 1001255918 | 1 | Boom Valve Harness (See Separate Breakdown in ELECTRICAL SECTION) | |
| 40 | 1001185281 | 1 | Plug | |
| 41 | 1001189039 | 1 | Footswitch Assembly (See Separate Breakdown in this Section) | |
| 42 | 1001196520 | 1 | Module, Platform (Note: Re-calibration Required when Replaced) | |
| 43 | 1001211363 | 1 | Switch, Toggle | |
| 44 | 1001212277 | 1 | Decal - Horn/Drive Select | |
| 45 | 1001213882 | 1 | Mount, Connector | |

# SECTION 5 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 46 | 1001215228 | 1 | Console Box Assembly | C |
| 46A | 0630568 | 1 | Capscrew 3/8 x 4-1/2 | |
| 46B | 3311601 | 1 | Nut 3/8 | |
| 46C | 3430616 | 2 | Pin | |
| 46D | 3470003 | 2 | Hairpin | |
| 46E | 4711600 | 2 | Washer 3/8 | |
| 47 | 1001245673 | 1 | Platform Console Box Harness (See Separate Breakdown in ELECTRICAL SECTION) | |
| 48 | 2920028 | 1 | Lamp, Indicator | |
| 49 | 2920029 | 1 | Bulb, Light | |

## FIGURE 5-19. PLATFORM CONSOLE ASSEMBLY - 4WD (UL SPECS)



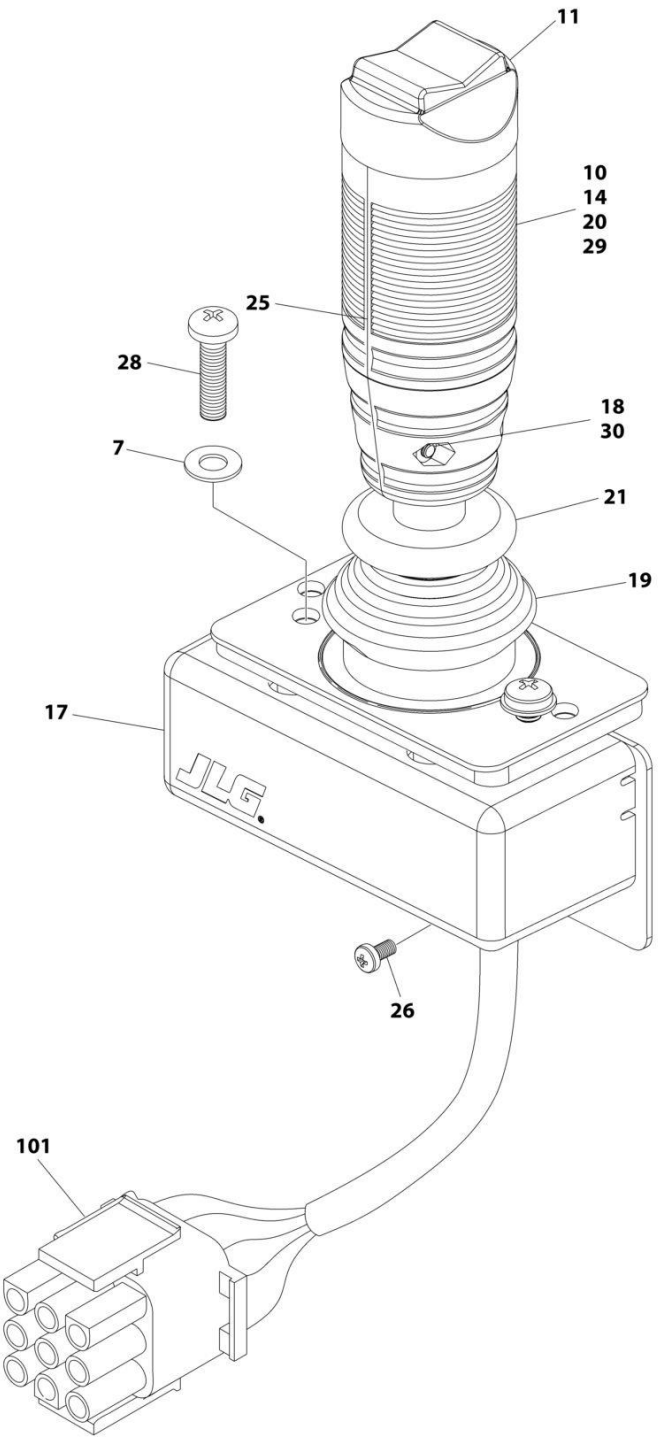
## FIGURE 5-19. PLATFORM CONSOLE ASSEMBLY - 4WD (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248322 | Ref | PLATFORM CONSOLE BOX ASSEMBLY | C |
| 1 | 0100009 | AR | Adhesive, Silicone | |
| 2 | 0100035 | AR | Compound, Locking | |
| 3 | 0140011 | 1 | Alarm | |
| 4 | 0641404 | 4 | Bolt 1/4 x 1/2 | |
| 5 | 0641414 | 4 | Bolt 1/4 x 1-3/4 | |
| 6 | 1702565 | 1 | Decal - Drive and Steer | |
| 7 | 1702566 | 1 | Decal - Lift and Swing | |
| 8 | 1704260 | 1 | Decal - EMS | |
| 9 | 1704422 | 1 | Decal - Function Speed | |
| 10 | 2560136 | 1 | Knob, Speed Control | |
| 11 | 3300353 | 4 | Nut, Tinnerman | |
| 13 | 3520030 | 1 | Plug, Hole | |
| 14 | 3520054 | 6 | Plug, Hole | |
| 15 | 3790012 | 6 | O-Ring | |
| 16 | 4240032 | AR | Tie-Strap (Not Shown) | |
| 17 | 4360387 | 2 | Switch, Push Button | |
| 18 | 4360407 | 1 | Switch, Potentiometer | |
| 19 | 4360475 | 1 | Switch, Emergency Stop | |
| 19A | 7020175 | 1 | Cap, Mushroom with Sealing Ring | |
| 19B | 7020176 | 1 | Block, Contact | |
| 20 | 4360476 | 1 | Block, Contact | |
| 21 | 4460234 | 4 | Mount, Tie-Strap (Not Shown) | |
| 22 | 4460428 | 1 | Connector, Strain Relief | |
| 23 | 4460434 | 1 | Connector - 15 Position | |
| 24 | 4460470 | 1 | Nut, Terminal | |
| 25 | 4460471 | 1 | Washer, Terminal | |
| 26 | 4460488 | 2 | Mount, Tie-Strap | |
| 27 | 4460708 | 1 | Connector - 15 Position | |
| 28 | 4740397 | 6 | Spacer, Washer | |
| 29 | 4751400 | 8 | Washer 1/4 | |
| 30 | 1001110434 | 1 | Plug | |
| 31 | 1001247538 | 1 | Decal - Stop/Generator | |
| 32 | 1001155044 | 6 | Nut 15/32 | |
| 33 | 1001155045 | 4 | Switch, Toggle | |
| 34 | 1001159256 | 1 | Switch, Toggle | |
| 35 | 1001166538 | NLA | Controller Assembly - Drive and Steer (Use p/n 1001212415) (See Separate Breeakdown in this Section) | |
| 36 | 1001166539 | NLA | Controller Assembly - Lift and Swing (Use p/n 1001129555 as Replacement) (See Separate Breeakdown in this Section) | |
| 37 | 1001172760 | 4 | Bracket | |
| 38 | 1001255918 | 1 | Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 39 | 1001185281 | 1 | Plug | |
| 40 | 1001189039 | 1 | Footswitch Assembly (See Separate Breakdown in this Section) | |
| 41 | 1001211363 | 1 | Switch , Toggle | |
| 42 | 1001212277 | 1 | Decal - Horn/Drive Select | |
| 43 | 1001215228 | 1 | Console Box Assembly | C |
| 43A | 0630568 | 1 | Capscrew 3/8 x 4-1/2 | |
| 43B | 3311601 | 1 | Nut 3/8 | |

# SECTION 5 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 43C | 3430616 | 2 | Pin | |
| 43D | 3470003 | 2 | Hairpin | |
| 43E | 4711600 | 2 | Washer 3/8 | |
| 44 | 1001215835 | 1 | Module, Platform (Note: Re-calibration Required when Replaced) | |
| 45 | 1001220486 | 2 | Plug, Rubber | |
| 46 | 1001272279 | 1 | Platform Console Box Harness (See Separate Breakdown in ELECTRICAL Section) | |
| 47 | 2920028 | 1 | Lamp, Indicator | |
| 48 | 2920029 | 1 | Bulb, Light | |

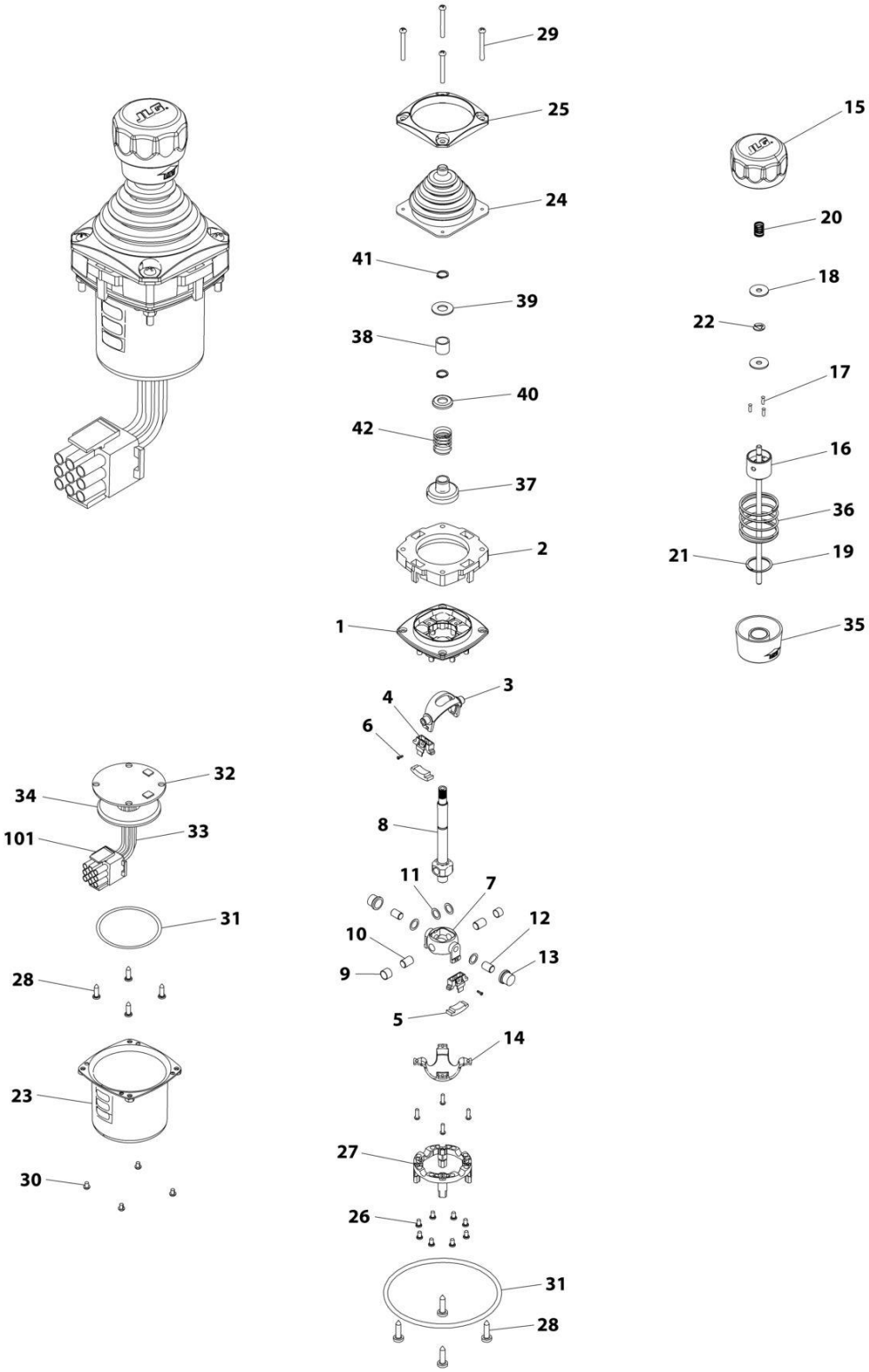
## FIGURE 5-20. CONTROLLER ASSEMBLY - DRIVE AND STEER



## FIGURE 5-20. CONTROLLER ASSEMBLY - DRIVE AND STEER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166538 | Ref | CONTROLLER ASSEMBLY - DRIVE AND STEER | G |
| | | Ref | Note: For Replacement, Use p/n 1001212415. | |
| 7 | 70004738 | 2 | Washer | |
| 10 | 70004739 | 1 | Roller | |
| 11 | 70004740 | 1 | Boot, Switch | |
| 14 | 70004741 | 2 | Half, Handle | |
| 17 | 70004742 | 1 | Enclosure | |
| 18 | 70004743 | 4 | Nut | |
| 19 | 70004744 | NLA | Boot, Controller (Use p/n 70005230 Boot/Base Assembly) | |
| 20 | 70004745 | NLA | Tube, Locking (Use p/n 70005230 Boot/Base Assembly) | |
| 21 | 70004746 | NLA | Disc, Locking (Use p/n 70005230 Boot/Base Assembly) | |
| 25 | 70004747 | 2 | Seal, Rope | |
| 26 | 70004748 | 1 | Screw M3 x 6 | |
| 28 | 70004749 | 2 | Screw M5 x 20 | |
| 29 | 70004750 | 1 | Pin, Dowel | |
| 30 | 70004751 | 4 | Screw M3 x 16 | |
| 101 | 4460265 | 1 | Connector - 9 Position | |
| 101 | 4460226 | 7 | Socket, Female | |

## FIGURE 5-21. CONTROLLER ASSEMBLY - LIFT AND SWING



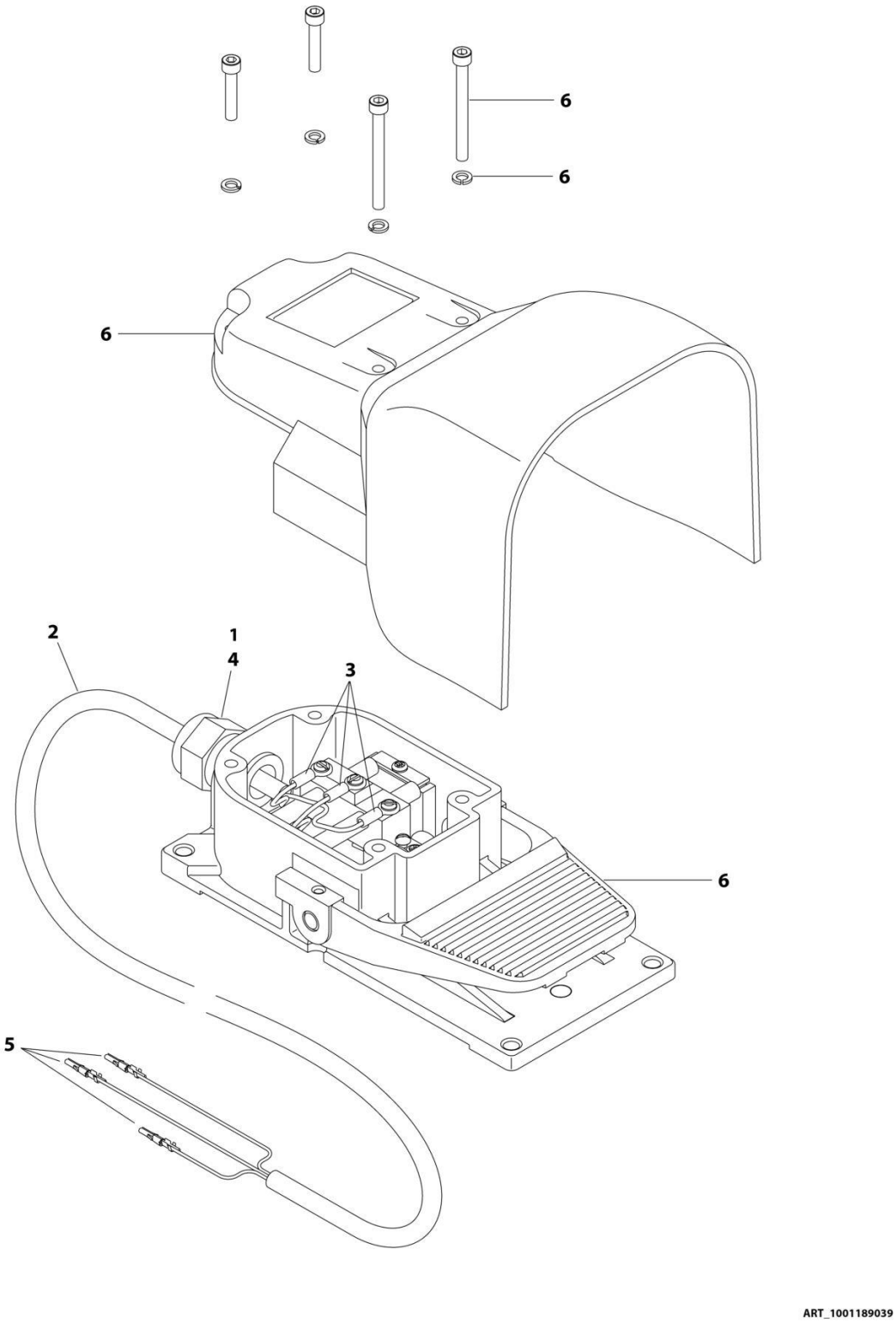
## FIGURE 5-21. CONTROLLER ASSEMBLY - LIFT AND SWING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166539 | Ref | CONTROLLER ASSEMBLY | E |
| | | Ref | Note: Original Equipment Controller May Have Been Replaced with Service Replacement Controller. Visually Identify Controller Before Ordering Parts. | |
| | | Ref | Note: For Replacement, Use p/n 1001129555 | |
| 1 | See Note | NSS | Main Cast Body (Note: Not Available - Purchase Complete Assembly) | |
| 2 | 70004752 | 1 | Adapter | |
| 3 | See Note | NSS | Pivot Arm, Plastic (Note: Not Available - Purchase Complete Assembly) | |
| 4 | See Note | NSS | Holder, Magnet (Note: Not Available - Purchase Complete Assembly) | |
| 5 | See Note | NSS | Arc, Magnet (Note: Not Available - Purchase Complete Assembly) | |
| 6 | See Note | NSS | Screw (Note: Not Available for Purchase) | |
| 7 | See Note | NSS | Pivot Arm, Cast (Note: Not Available - Purchase Complete Assembly) | |
| 8 | See Note | NSS | Shaft, Main (Note: Not Available - Purchase Complete Assembly) | |
| 9 | See Note | NSS | Bearing (Note: Not Available - Purchase Complete Assembly) | |
| 10 | See Note | NSS | Pin (Note: Not Available - Purchase Complete Assembly) | |
| 11 | See Note | NSS | Shim (Note: Not Available - Purchase Complete Assembly) | |
| 12 | See Note | NSS | Pin (Note: Not Available - Purchase Complete Assembly) | |
| 13 | See Note | NSS | Bearing (Note: Not Available - Purchase Complete Assembly) | |
| 14 | See Note | NSS | Dome, Centering (Note: Not Available - Purchase Complete Assembly) | |
| 15 | 70004753 | 1 | Cap | |
| 16 | 70004754 | 1 | Insert, Cap | |
| 17 | 70004755 | 3 | Pin | |
| 18 | 70004756 | 2 | Washer | |
| 19 | 70004757 | 1 | Pin, Centering | |
| 20 | 70004758 | 1 | Spring | |
| 21 | 70004759 | 1 | Ring, Retaining | |
| 22 | 70004760 | 1 | E-Ring | |
| 23 | 70004761 | 1 | Can, Enclosure | |
| 24 | 70004762 | 1 | Boot | |
| 25 | 70004763 | 1 | Bezel | |
| 26 | See Note | NSS | Screw (Note: Not Available for Purchase) | |
| 27 | See Note | NSS | Base Mounting (Note: Not Available - Purchase Complete Assembly) | |
| 28 | See Note | NSS | Screw (Note: Not Available for Purchase) | |
| 29 | 70004764 | 4 | Screw | |
| 30 | 70004765 | 4 | Screw | |
| 31 | 70004766 | 1 | O-Ring | |
| 32 | See Note | NSS | Plate (Note: Not Available - Purchase Complete Assembly) | |
| 33 | See Note | NSS | Harness (Note: Not Available - Purchase Complete Assembly) | |
| 34 | 70004767 | 1 | Grommet, Rubber | |
| 35 | 70004768 | 1 | Housing | |
| 36 | 70004769 | 1 | Spring | |
| 37 | 70004770 | 1 | Stopper | |
| 38 | 70004771 | 1 | Spacer | |
| 39 | 70004772 | 1 | Washer | |
| 40 | 70004773 | 1 | Disc | |

# SECTION 5 - PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 41 | 70004774 | 2 | Ring, Retaining | |
| 42 | 70004775 | 1 | Spring | |
| 101 | 4460265 | 1 | Connector - 9 Position | |
| 101 | 4460226 | 6 | Socket, Female | |

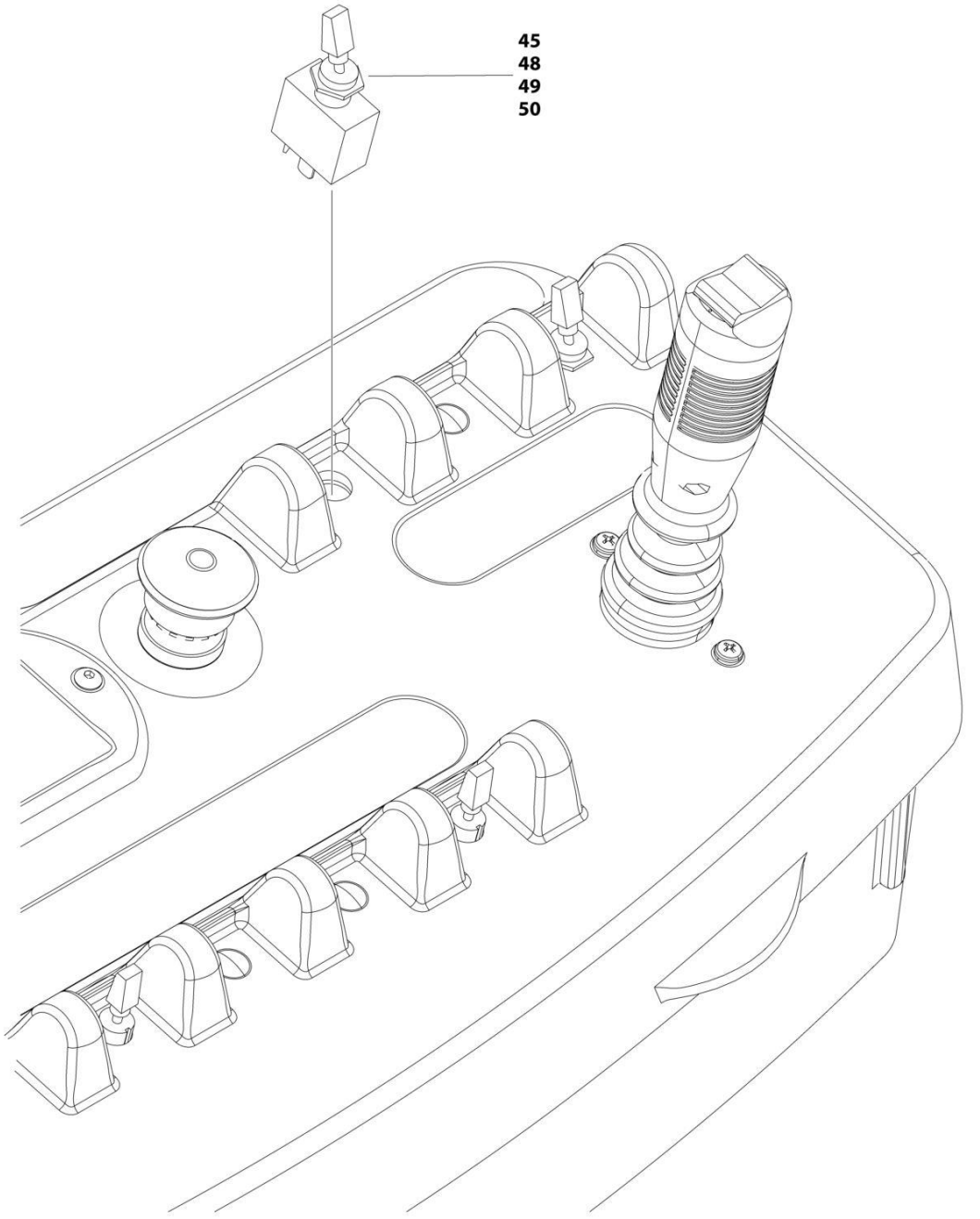
## FIGURE 5-22. FOOTSWITCH ASSEMBLY



## FIGURE 5-22. FOOTSWITCH ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001189039 | Ref | FOOTSWITCH ASSEMBLY | A |
| 1 | 0100020 | AR | Sealant | |
| 2 | 1060330 | 6 ft /1.8m | Cable, Electrical - 16/3 | |
| 3 | 4460042 | 3 | Terminal | |
| 4 | 4460071 | 1 | Connector, Strain Relief | |
| 5 | 4460226 | 3 | Socket, Female | |
| 6 | 1001117172 | 1 | Footswitch | |
| 6 | 70002902 | 1 | Switch, 20Amp | |
| 6 | 70002903 | 1 | Gasket | |
| 6 | 70002905 | 1 | Cover | |
| 6 | 70002904 | 1 | Kit, Replacement Bolt | |

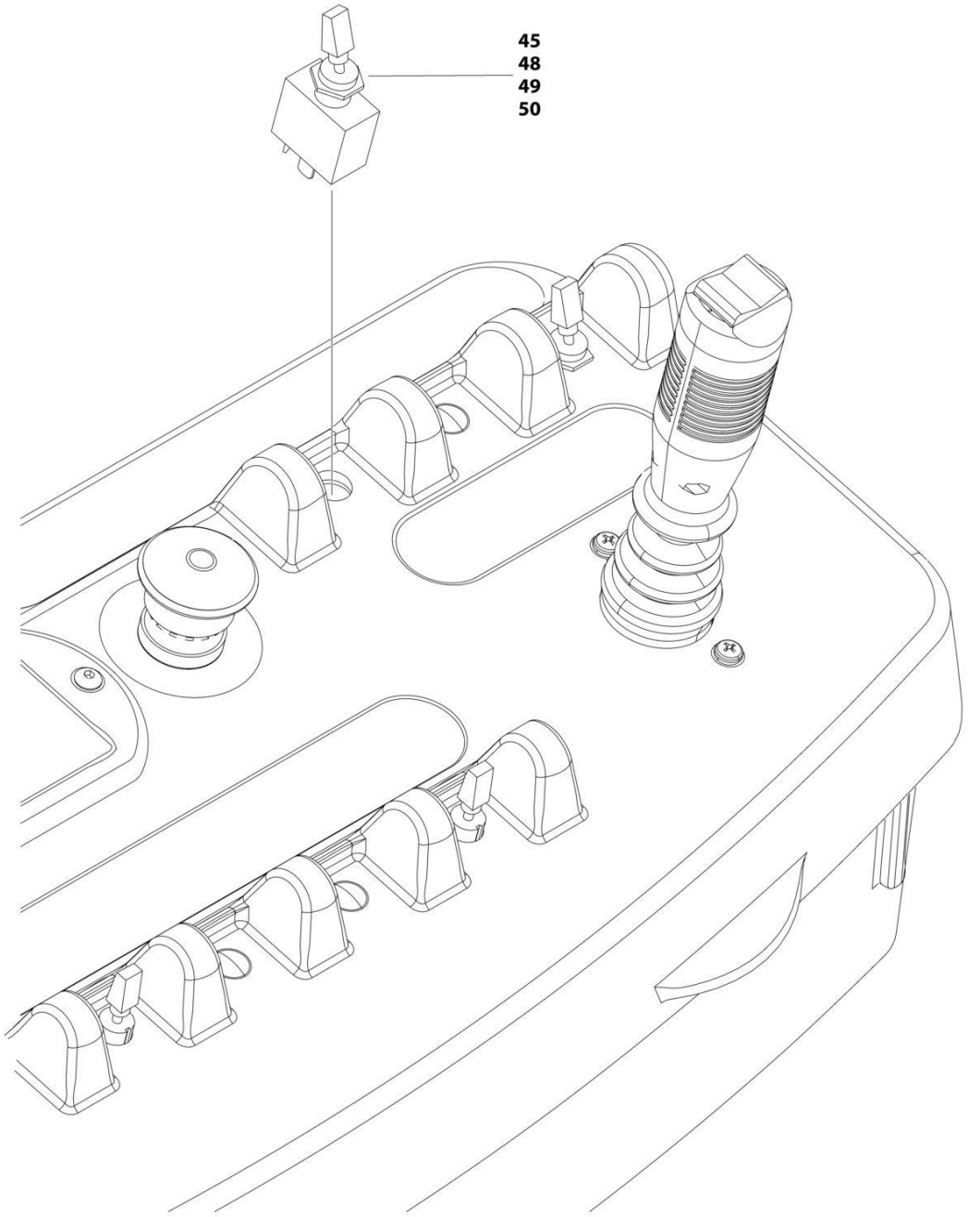
## FIGURE 5-23. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)



## FIGURE 5-23. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199313 | Ref | MOTOR CONTROLS INSTALLATION - STANDARD BATTERIES (M600/M600J/M600JP) | G |
| 45 | 3790012 | 1 | O-Ring | |
| 48 | 4740397 | 1 | Spacer | |
| 49 | 1001155044 | 1 | Nut | |
| 50 | 1001161710 | 1 | Switch, Toggle | |

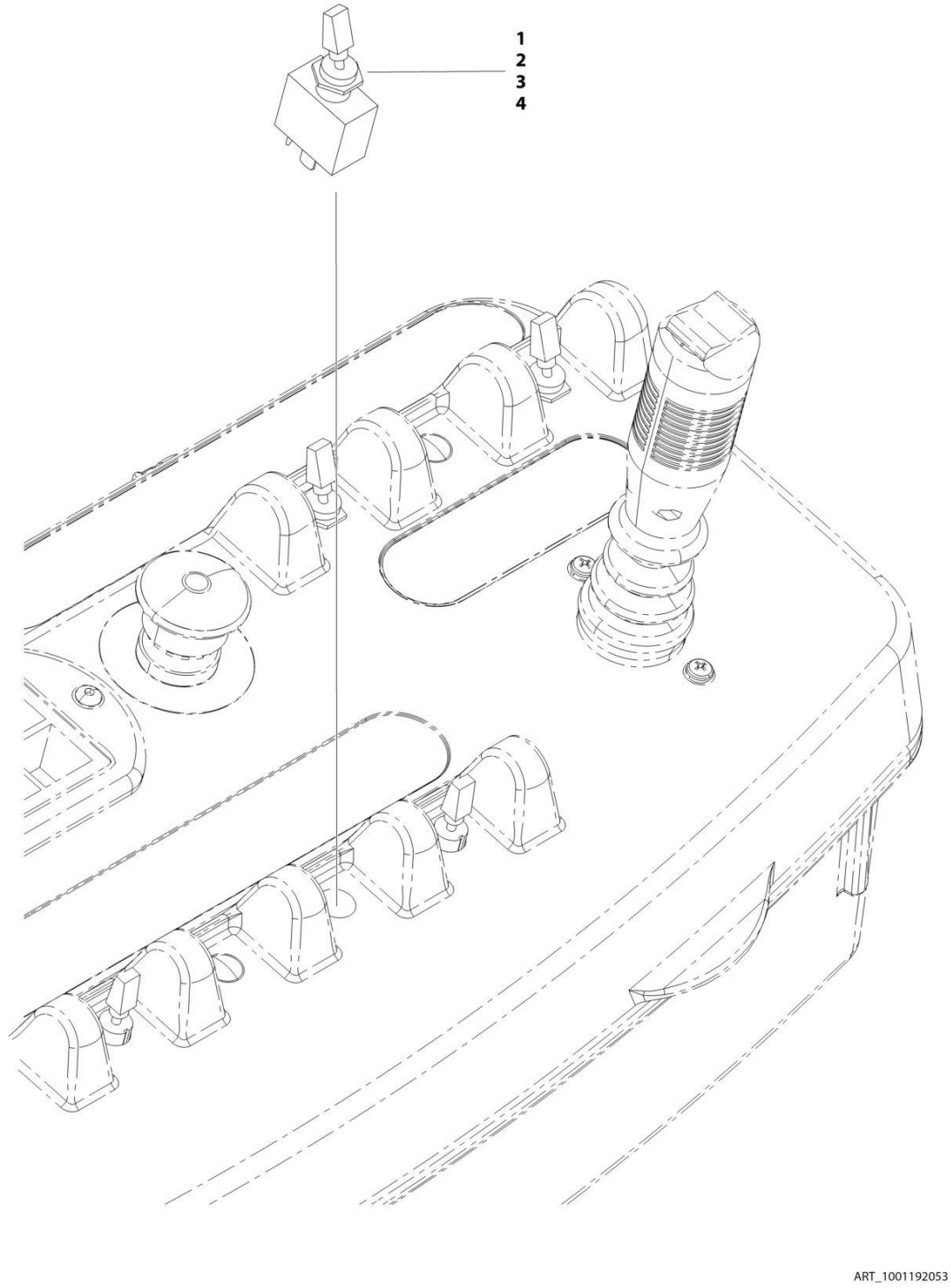
## FIGURE 5-24. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)



## FIGURE 5-24. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207674 | Ref | ENGINE CONTROLS INSTALLATION - AGM BATTERIES | F |
| 45 | 3790012 | 1 | O-Ring | |
| 48 | 4740397 | 1 | Spacer | |
| 49 | 1001155044 | 1 | Nut | |
| 50 | 1001161710 | 1 | Switch, Toggle | |

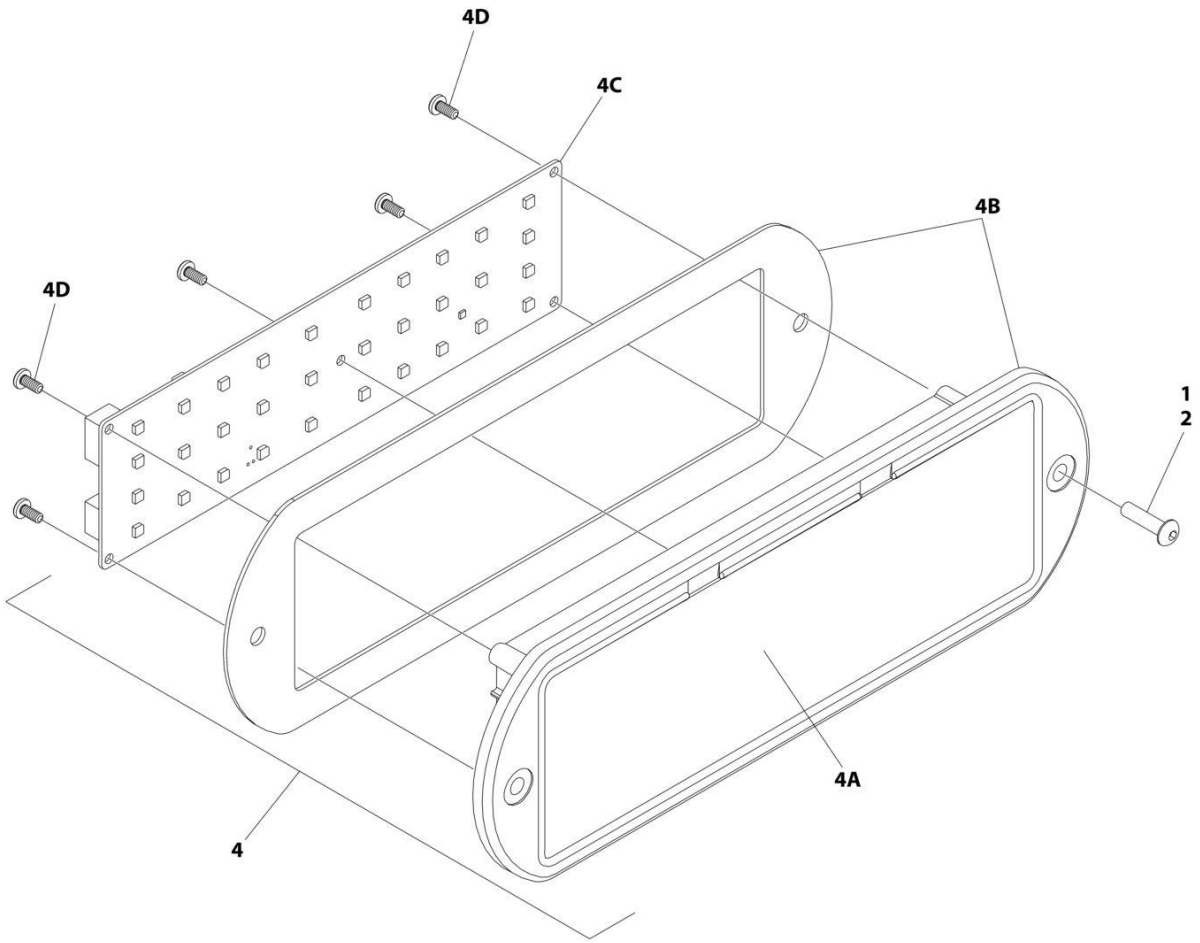
## FIGURE 5-25. JIB ROTATE SWITCH INSTALLATION (EC600SJP/H600SJP)



## FIGURE 5-25. JIB ROTATE SWITCH INSTALLATION (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192053 | Ref | JIB ROTATE SWITCH INSTALLATION | A |
| 1 | 3790012 | 1 | O-Ring | |
| 2 | 4740397 | 1 | Spacer, Washer | |
| 3 | 1001155044 | 1 | Nut 15/32 | |
| 4 | 1001155045 | 1 | Switch, Toggle | |

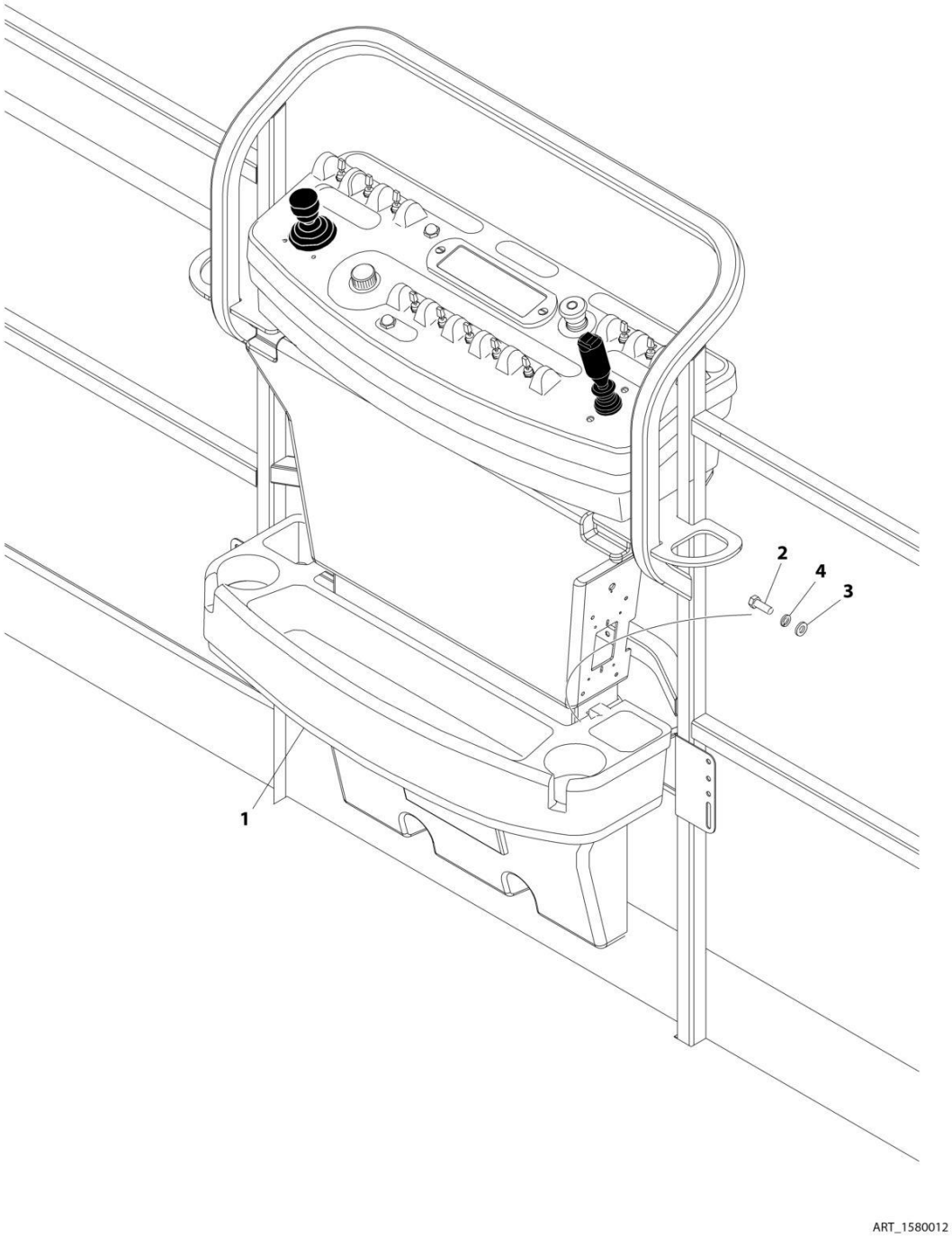
## FIGURE 5-26. LIGHT PANEL INSTALLATION



## FIGURE 5-26. LIGHT PANEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001245179 | Ref | LIGHT PANEL INSTALLATION | B |
| 1 | 0100035 | AR | Compound, Locking | |
| 2 | 3911010 | 2 | Screw #10 x 5/8 | |
| 4 | 1001245210 | 1 | Light Panel Assembly | |
| 4A | 1001245164 | 1 | Lens, I-Con | |
| 4B | 1001245173 | 1 | Bezel (Includes Gasket) | |
| 4C | 1001238732 | 1 | Panel, LED Light | |
| 4D | | Ref | Screw | |

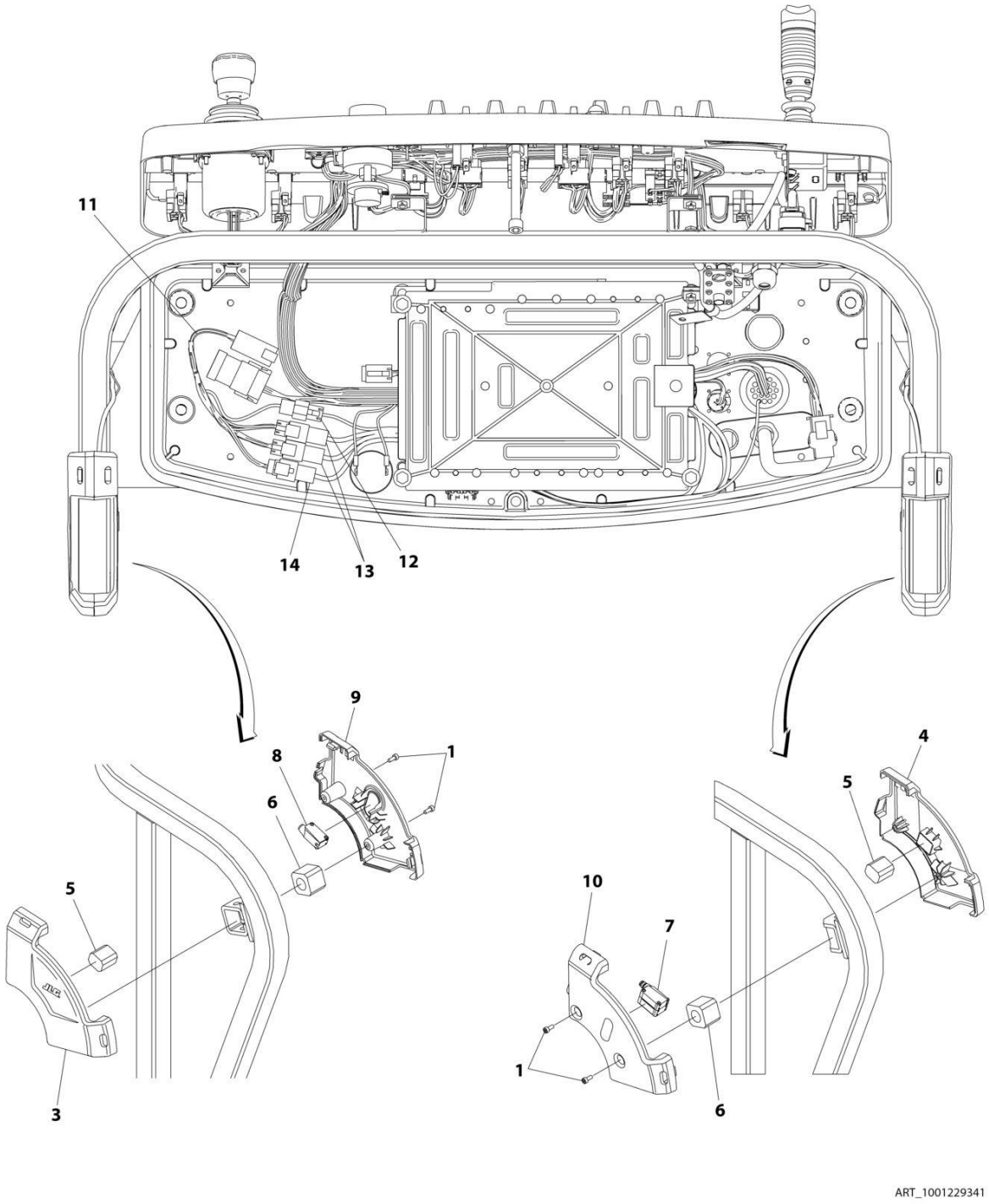
## FIGURE 5-27. TRAY ASSEMBLY



## FIGURE 5-27. TRAY ASSEMBLY

| 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 | |

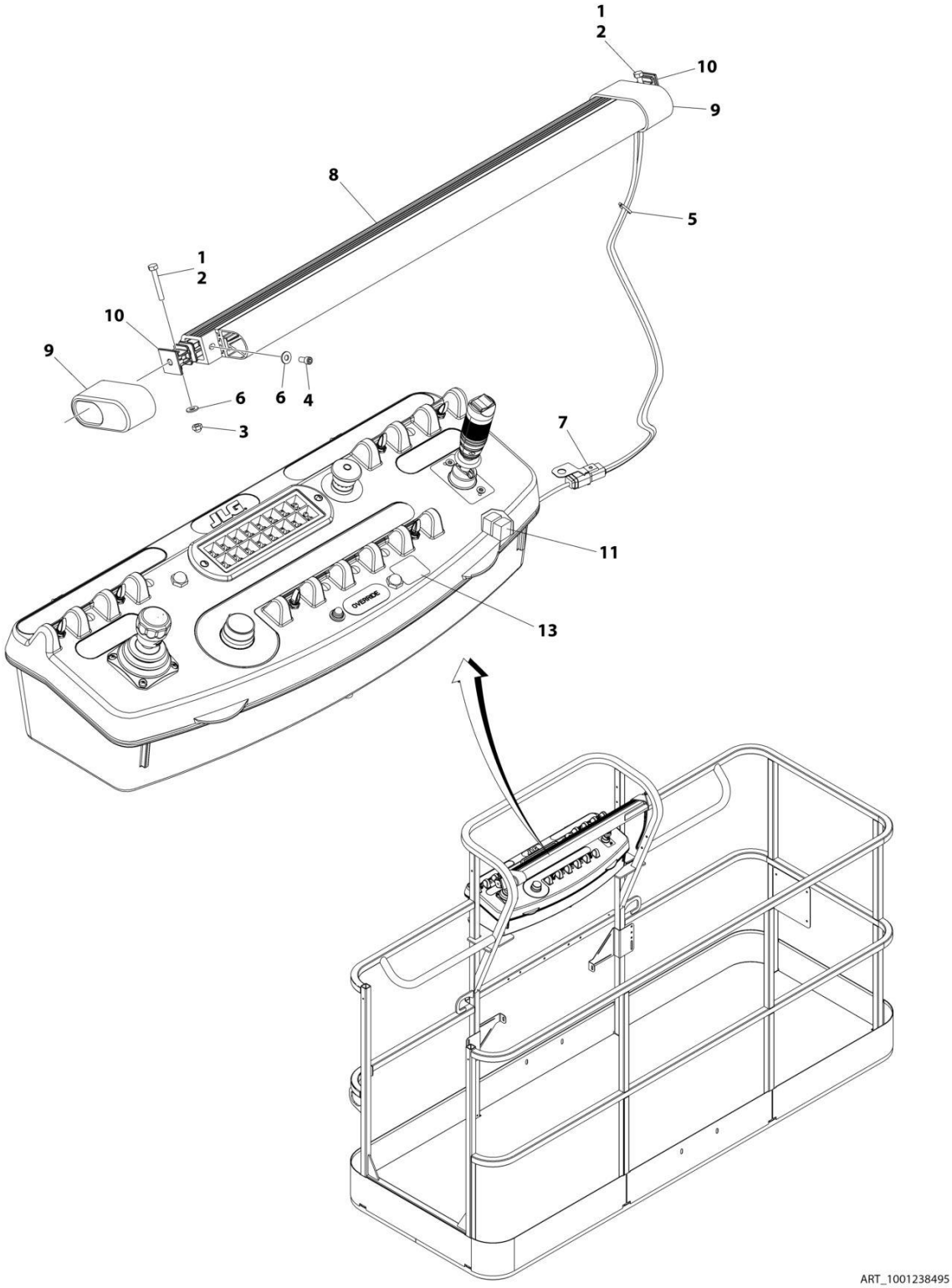
**FIGURE 5-28. SKYEYE INSTALLATION**



## FIGURE 5-28. 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) | |

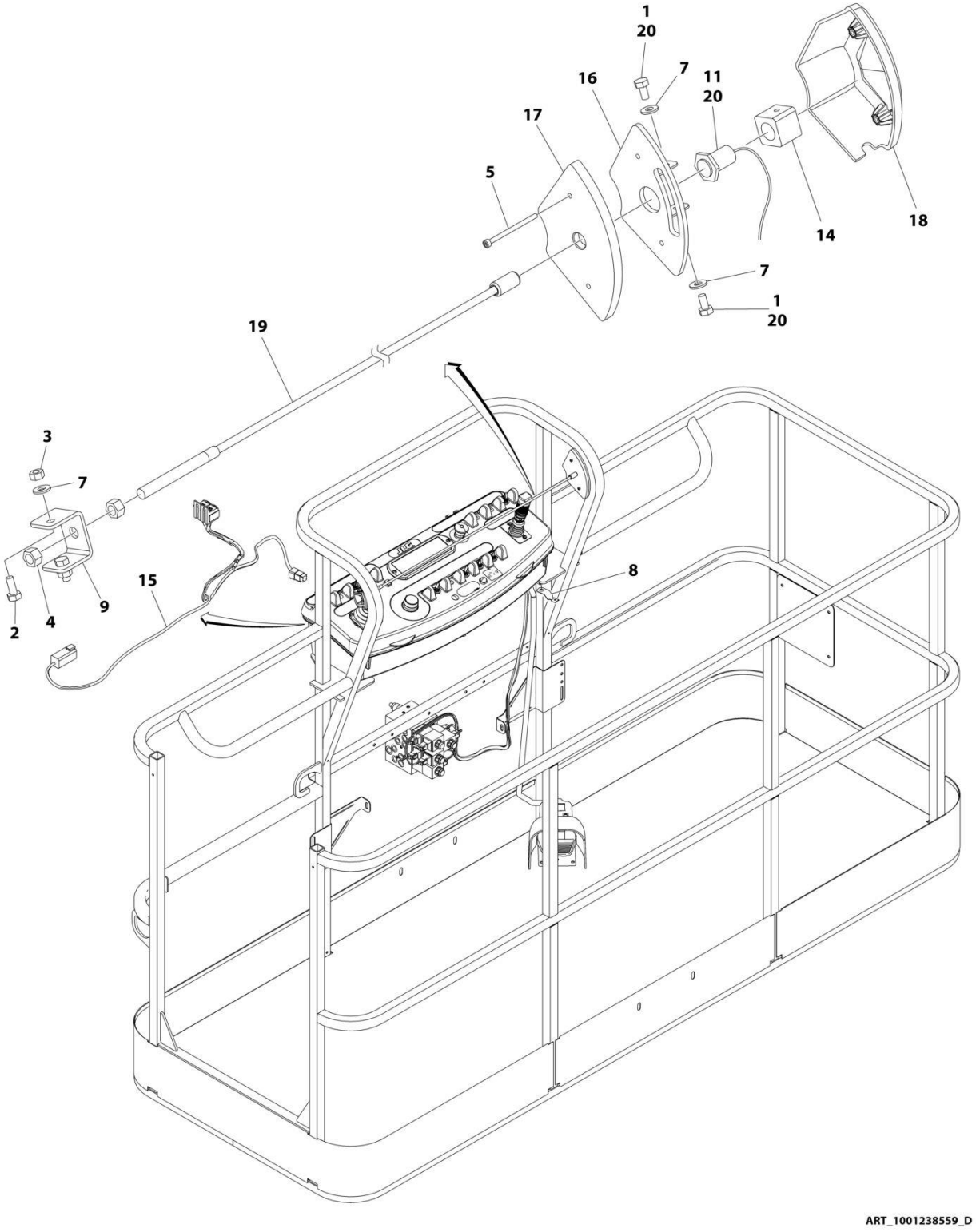
## FIGURE 5-29. SKYGUARD BAR INSTALLATION



## FIGURE 5-29. 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 | |

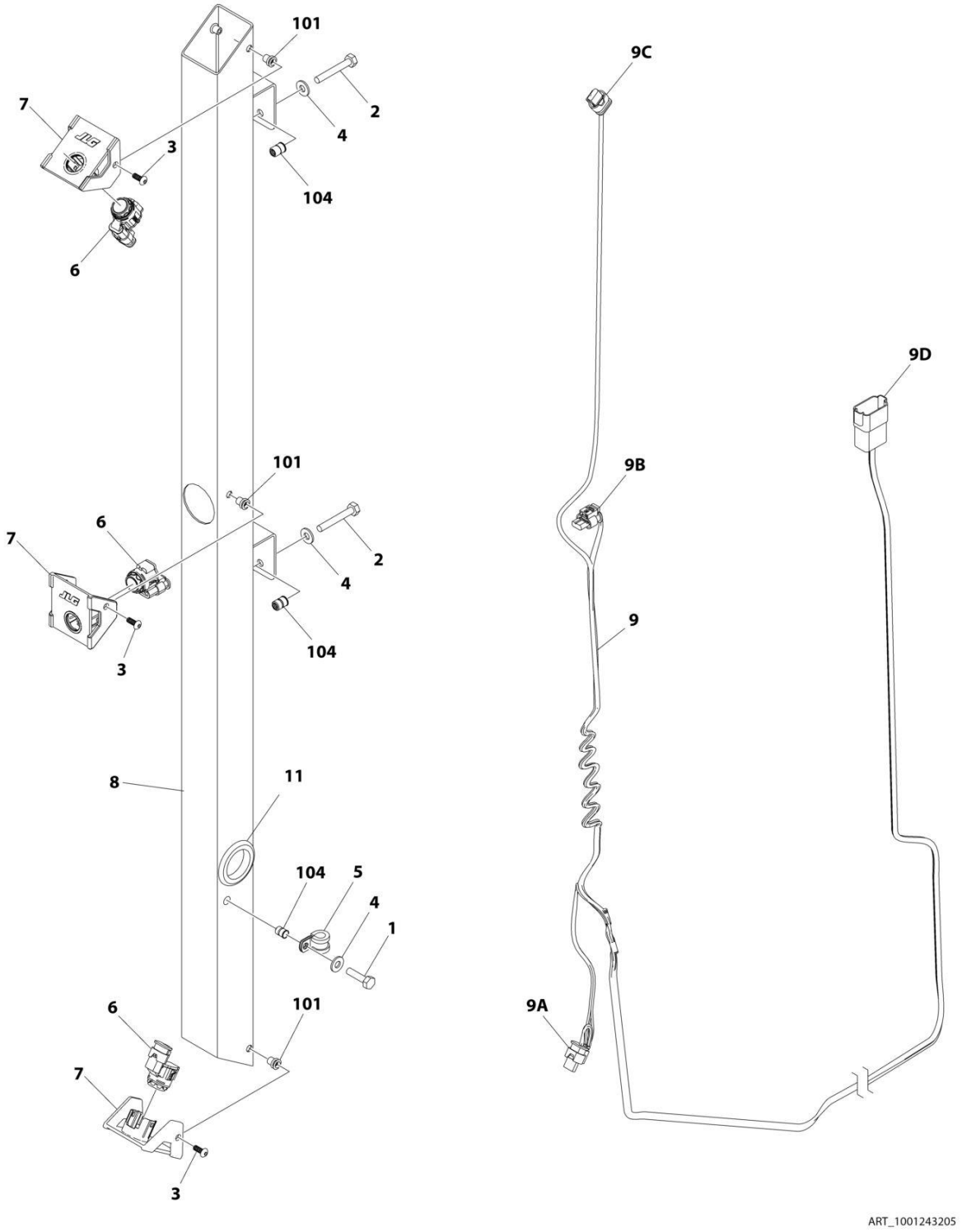
## FIGURE 5-30. SKYLINE INSTALLATION



## FIGURE 5-30. 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 | |
| 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 | |

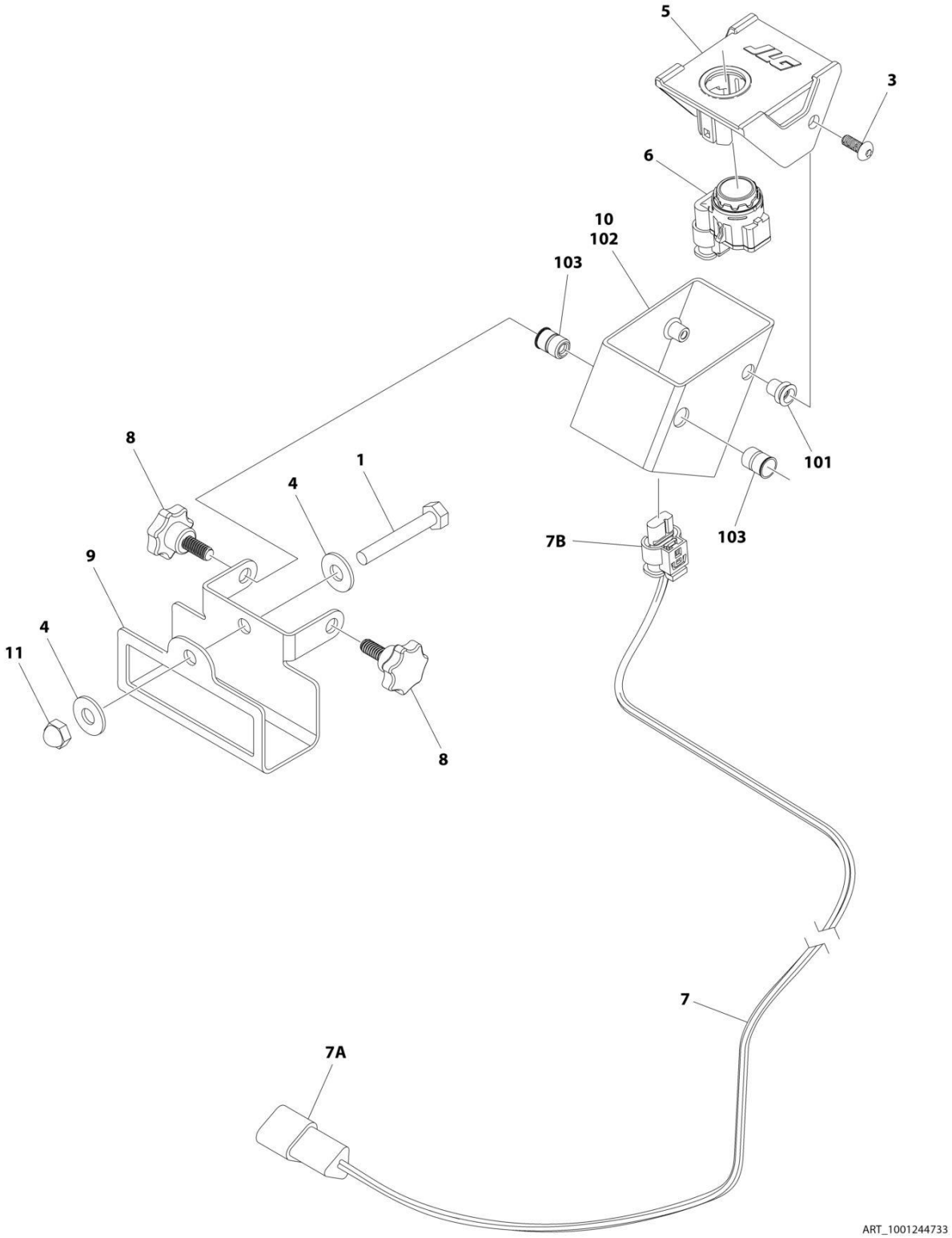
## FIGURE 5-31. SKYSENSE MID TUBE SENSOR ASSEMBLY



## FIGURE 5-31. SKYSENSE MID TUBE SENSOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243205 | Ref | SKYSENSE MID TUBE SENSOR ASSEMBLY | C |
| 1 | 0641408 | 1 | Bolt 1/4 x 1 | |
| 2 | 0641414 | 2 | Bolt 1/4 x 1-3/4 | |
| 3 | 1001260525 | 6 | Screw #10 x 1/2 | |
| 4 | 4711400 | 3 | Washer 1/4 | |
| 5 | 1001260524 | 1 | Clamp | |
| 6 | 1001237902 | 3 | Sensor, SkySense | |
| 7 | 1001241162 | 3 | Mount, Sensor | |
| 8 | 1001243092 | 1 | Tube Assembly (Includes items 101 through 104) | C |
| 9 | 1001244336 | 1 | Harness, SkySense Mid Tube | D |
| 9A | 1001237898 | 1 | Connector | |
| 9A | 1001237888 | 3 | Terminal | |
| 9B | 1001237898 | 1 | Connector | |
| 9B | 1001237888 | 3 | Terminal | |
| 9C | 1001237898 | 1 | Connector | |
| 9C | 1001237888 | 3 | Terminal | |
| 9D | 4460931 | 1 | Connector | |
| 9D | 4460943 | 7 | Pin | |
| 9D | 4460466 | 1 | Plug | |
| 10 | 1001246389 | 1 | Decal (Not Shown) | |
| 11 | 1001247252 | 1 | Grommet | |
| 101 | 2080069 | 6 | Fastener | |
| 104 | 1001258730 | 3 | Rivnut | |

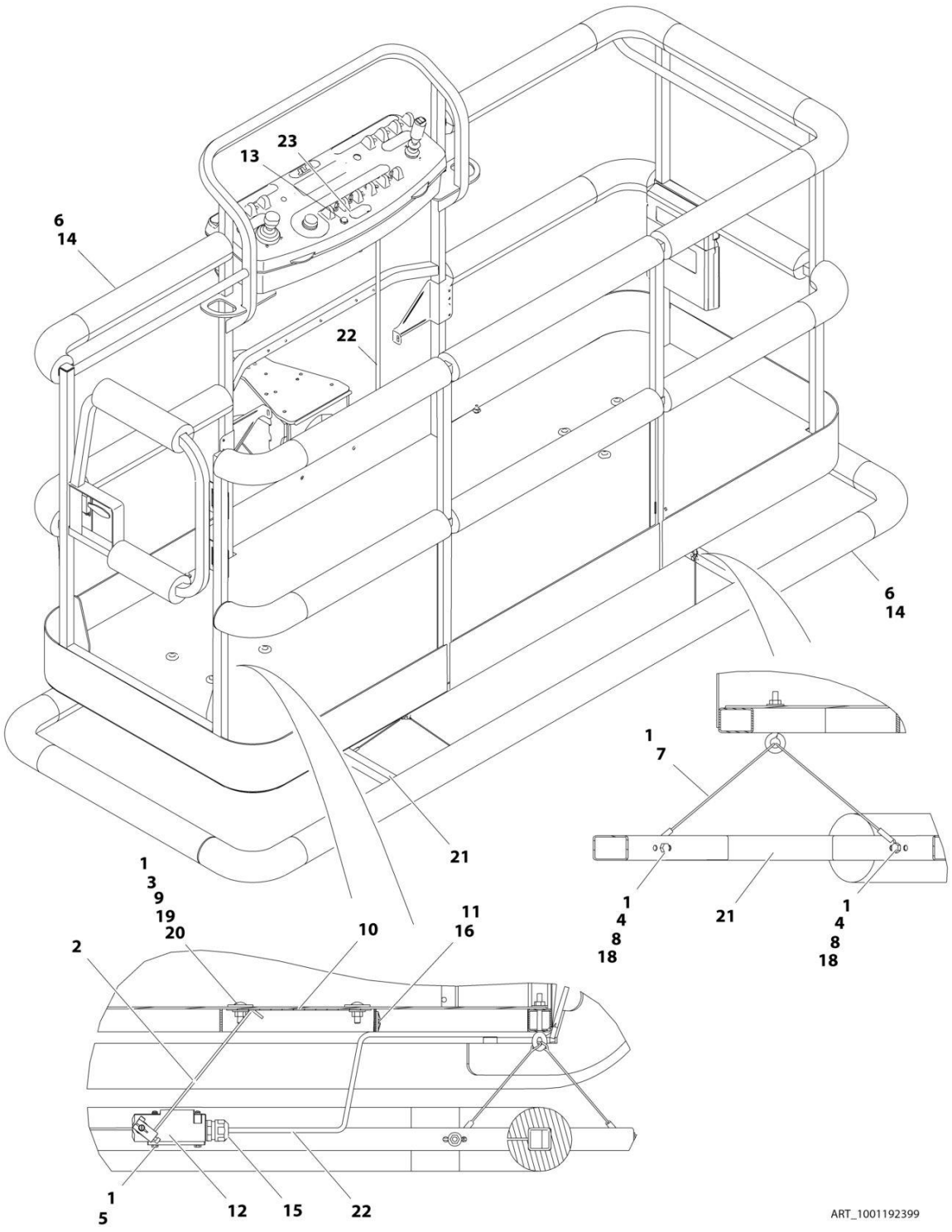
## FIGURE 5-32. SKYSENSE OVERHEAD SENSOR ASSEMBLY



## FIGURE 5-32. SKYSENSE OVERHEAD SENSOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244733 | Ref | SKYSENSE OVERHEAD SENSOR ASSEMBLY | D |
| 1 | 0641414 | 1 | Bolt 1/4 x 1-3/4 | |
| 3 | 1001260525 | 2 | Screw #10 x 1/2 | |
| 4 | 4751400 | 2 | Washer 1/4 | |
| 5 | 1001237891 | 1 | Mount, Sensor | |
| 6 | 1001237902 | 1 | Sensor, SkySense | |
| 7 | 1001244335 | 1 | Harness, SkySense Overhead | D |
| 7A | 4460536 | 1 | Connector | |
| 7A | 4460943 | 3 | Pin | |
| 7B | 1001237898 | 1 | Connector | |
| 7B | 1001237888 | 1 | Terminal | |
| 8 | 1001244671 | 2 | Knob | |
| 9 | 1001244709 | 1 | Bracket, Mounting | |
| 10 | 1001244732 | 1 | Housing Assembly (Includes items 101 through 103) | B |
| 11 | 3300430 | 1 | Nut | |
| 101 | 2080069 | 2 | Fastener | |
| 102 | 1001244710 | 1 | Housing, Sensor | |
| 103 | 1001258730 | 2 | Rivnut | |

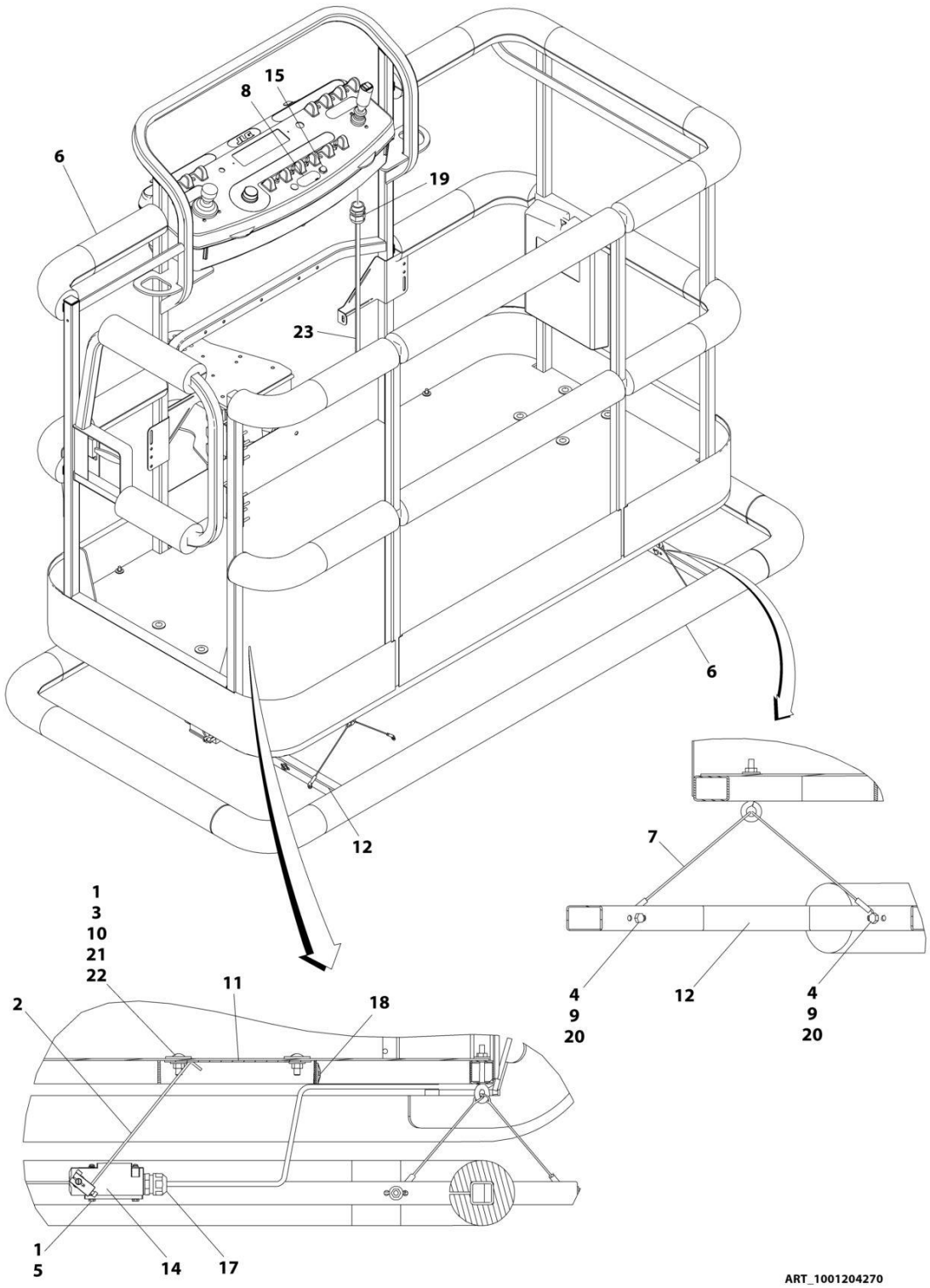
## FIGURE 5-33. SOFT TOUCH INSTALLATION (SIDE ENTRY PLATFORM) (OPTIONAL)



## FIGURE 5-33. SOFT TOUCH INSTALLATION (SIDE ENTRY PLATFORM) (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192399 | Ref | SOFT TOUCH INSTALLATION - 6FT/1.8M PLATFORM | C |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200048 | 2 | Arm, Switch | |
| 3 | 0630462 | 8 | Bolt, Carriage | |
| 4 | 0641414 | 8 | Bolt 1/4 x 1-3/4 | |
| 5 | 0721005 | 4 | Bolt #10 x 5/8 | |
| 6 | 0940167 | 1 | Bumper Kits (Includes Corners and Enough Straight Material for One Platform) | |
| 7 | 1060903 | 4 | Wire Rope and Eyebolt Assembly | |
| 8 | 3311401 | 8 | Nut 1/4 | |
| 9 | 3311501 | 8 | Nut 5/16 | |
| 10 | 3575705 | 2 | Plate, Switch Strike | |
| 11 | 4240099 | AR | Tie-Strap | |
| 12 | 4360057 | 2 | Switch, Limit | |
| 13 | 4360387 | 1 | Switch, Push Button | |
| 14 | 4420068 | 1 | Tape, Adhesive | |
| 14 | 1001197017 | AR | Tie-Strap | |
| 15 | 4460049 | 2 | Connector, Strain Relief | |
| 16 | 4460234 | 2 | Tie-Strap Mount | |
| 17 | 4460425 | 1 | Connector, Strain Relief (Not Shown - Located on bottom of console box) | |
| 18 | 4751400 | 16 | Washer 1/4 | |
| 19 | 4751500 | 8 | Washer 5/16 | |
| 20 | 4751800 | 8 | Washer 1/2 | |
| 21 | 4846370 | 1 | Rail, Soft Touch | |
| 22 | 1001193419 | 1 | Soft Touch Harness | |
| 22 | 4460226 | 4 | Socket, Female | |
| 23 | 1001141302 | 1 | Decal - Soft Touch Override | |

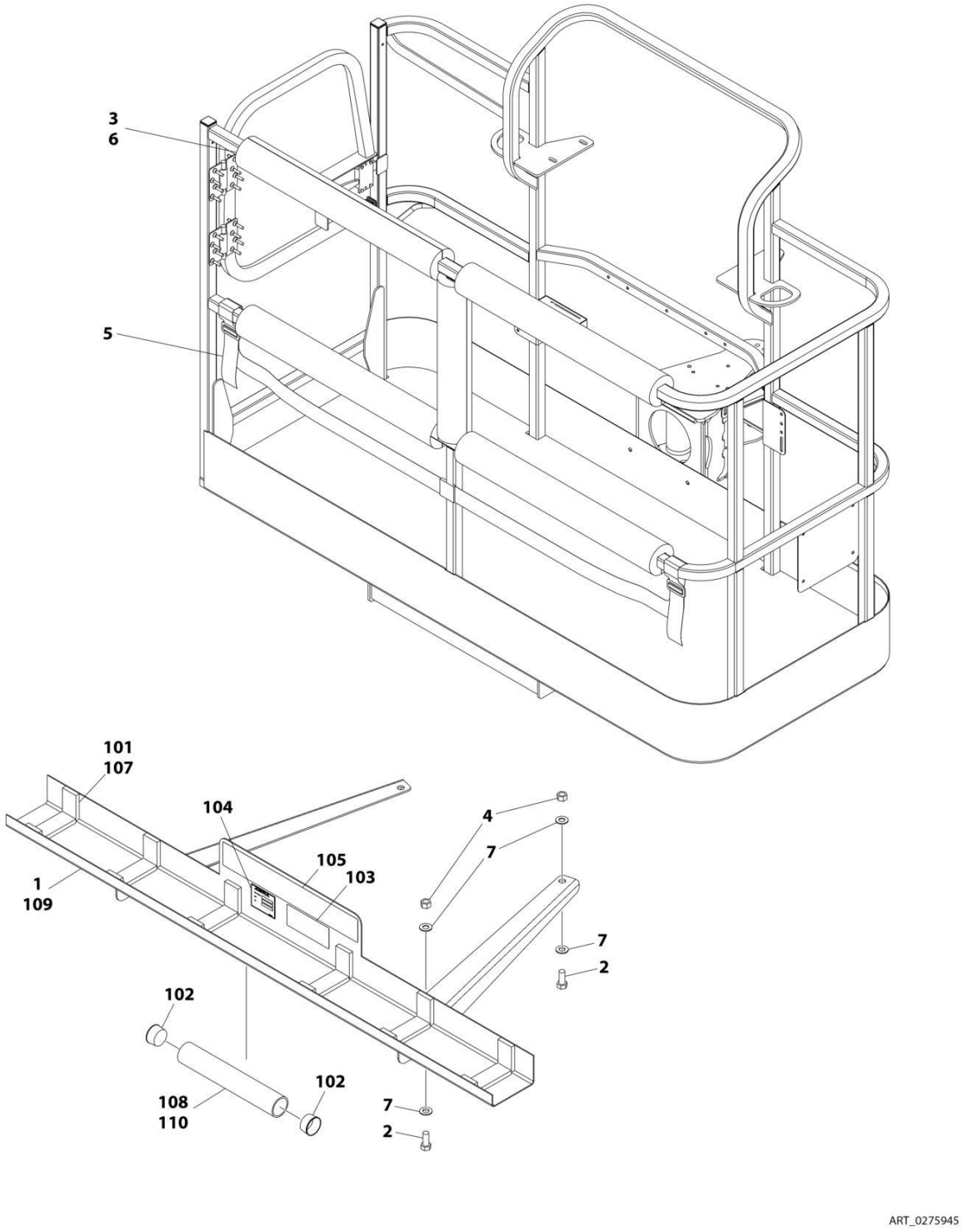
## FIGURE 5-34. SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL)



## FIGURE 5-34. SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204270 | Ref | SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL) | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 0200048 | 2 | Arm, Switch Activator | |
| 3 | 0630462 | 8 | Bolt, Carriage | |
| 4 | 0641414 | 8 | Bolt 1/4 x 1-3/4 | |
| 5 | 0731005 | 4 | Screw #10 x 5/8 | |
| 6 | 0940177 | 1 | Bumper, Kit | |
| 6 | 0940092 | 8 | Bumper (Corner) | |
| 6 | 0940094 | AR | Bumper (28ft Length) | |
| 7 | 1060903 | 4 | Wire Rope and Eyebolt Assembly | |
| 8 | 1702938 | 1 | Decal - Soft Touch Override | |
| 9 | 3311401 | 8 | Nut 1/4 | |
| 10 | 3311501 | 8 | Nut 5/16 | |
| 11 | 3575359 | 2 | Plate, Switch Strike | |
| 12 | 3641569 | 1 | Soft Touch Rail | |
| 13 | 4240099 | 7 | Tie, Wire (Not Shown) | |
| 14 | 4360057 | 2 | Switch, Limit | |
| 15 | 4360387 | 1 | Switch, Push Button | |
| 17 | 4460049 | 2 | Connector, Strain Relief | |
| 18 | 4460234 | 7 | Terminal, Mount | |
| 19 | 4460425 | 1 | Connector, Strain Relief | |
| 20 | 4751400 | 8 | Washer 1/4 | |
| 21 | 4751500 | 8 | Washer 5/16 | |
| 22 | 4751800 | 8 | Washer 1/2 | |
| 23 | 1001193419 | 1 | Soft Touch Harness | |
| 23 | 4460226 | 4 | Socket, Female | |

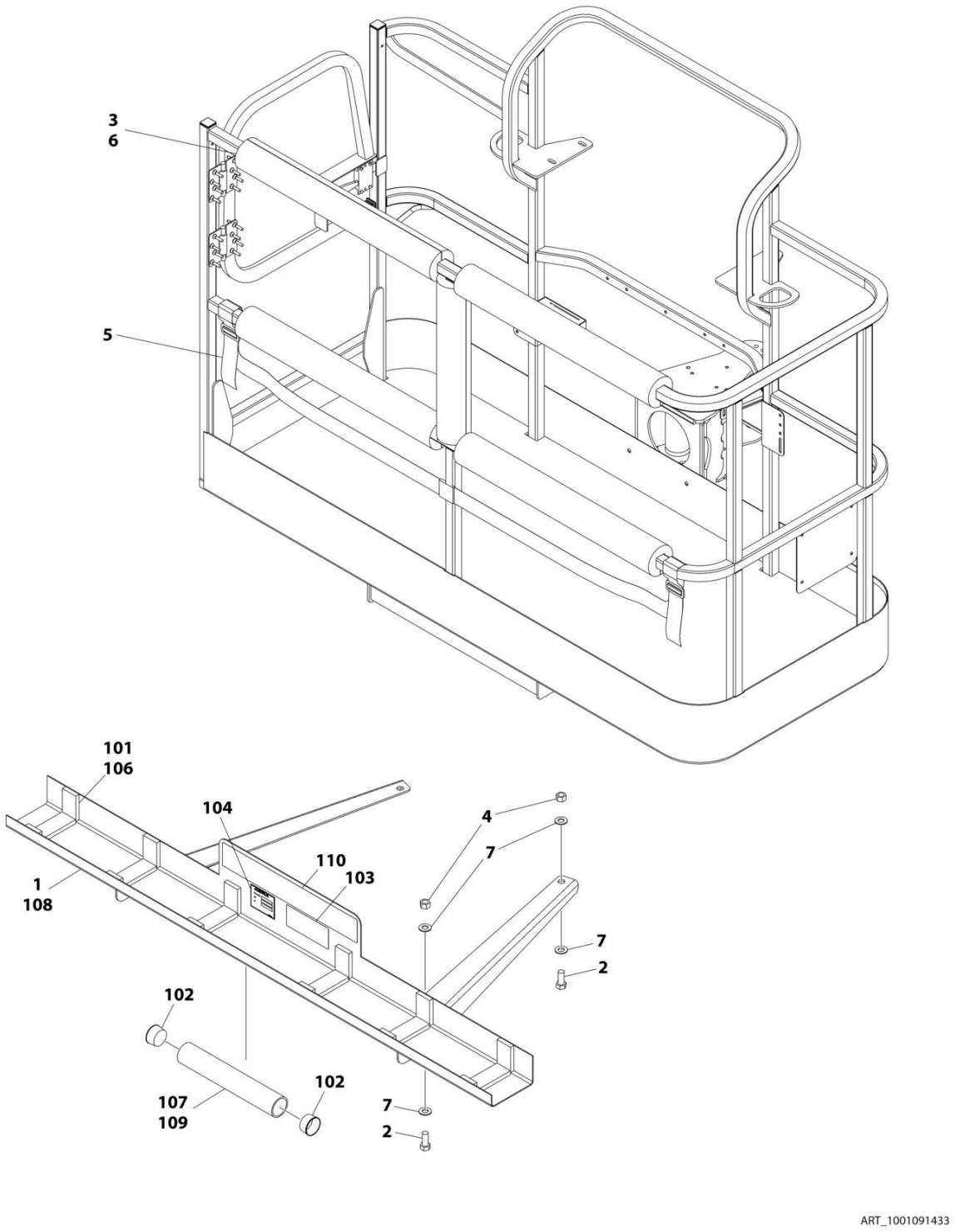
## FIGURE 5-35. SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)



## FIGURE 5-35. SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275945 | Ref | SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS) | B |
| 1 | 0275928 | 1 | SkyGlazier Assembly (See Items 101-110 for Breakdown) | |
| 2 | 0642012 | 4 | Bolt 5/8 x 1-1/2 | |
| 3 | 0940199 | 1 | Bumper Kit | |
| 4 | 3312005 | 4 | Nut 5/8 | |
| 5 | 4240149 | 1 | Strap Kit | |
| 6 | 4420014 | AR | Tape, Plastic | |
| 7 | 4712000 | 8 | Washer 5/8 | |
| | 0275928 | Ref | SKYGLAZIER ASSEMBLY | B |
| 101 | 0100081 | AR | Adhesive | |
| 102 | 1120555 | 2 | Cap, Manual Storage Tube | |
| 103 | 1701509 | 1 | Decal - Manual | |
| 104 | See Note | NSS | Nameplate (Note: Not Available for Purchase) | |
| 105 | 1707192 | 1 | Decal - Capacity | |
| 107 | 3340956 | 1 | Pad, Glazier Tray | |
| 108 | 3460334 | 1 | Tube, Manual Storage | |
| 109 | See Note | NSS | Tray (Note: Use Item 1) | |
| 110 | 4420066 | AR | Tape, Double Sided | |

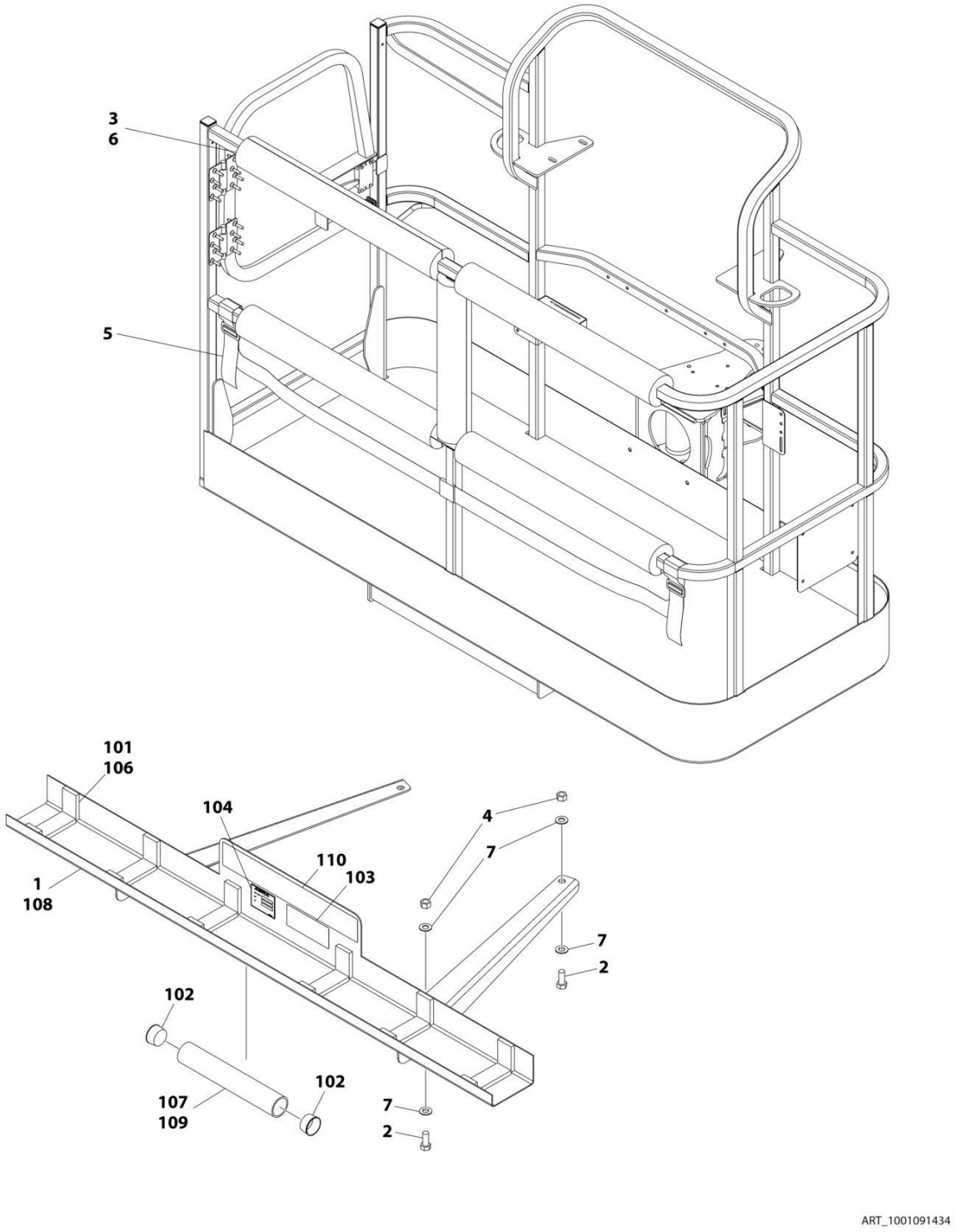
## FIGURE 5-36. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)



## FIGURE 5-36. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091433 | Ref | SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE) | B |
| 1 | 1001091431 | 1 | SkyGlazier Assembly (See Items 101-110 for Breakdown) | |
| 2 | 0642012 | 4 | Bolt 5/8 x 1-1/2 | |
| 3 | 0940199 | 1 | Bumper Kit | |
| 4 | 3312005 | 4 | Nut 5/8 | |
| 5 | 4240149 | 1 | Strap Kit | |
| 6 | 4420014 | AR | Tape, Plastic | |
| 7 | 4712000 | 8 | Washer 5/8 | |
| | 1001091431 | Ref | SKYGLAZIER ASSEMBLY | B |
| 101 | 0100081 | AR | Adhesive | |
| 102 | 1120555 | 2 | Cap, Manual Storage Tube | |
| 103 | 1701509 | 1 | Decal - Manual | |
| 104 | See Note | NSS | Nameplate (Note: Not Available for Purchase) | |
| 106 | 3340956 | 1 | Pad, Glazier Tray | |
| 107 | 3460334 | 1 | Tube, Manual Storage | |
| 108 | See Note | NSS | Tray (Note: Use Item 1) | |
| 109 | 4420066 | AR | Tape, Double Sided | |
| 110 | 1001091429 | 1 | Decal - Capacity | |

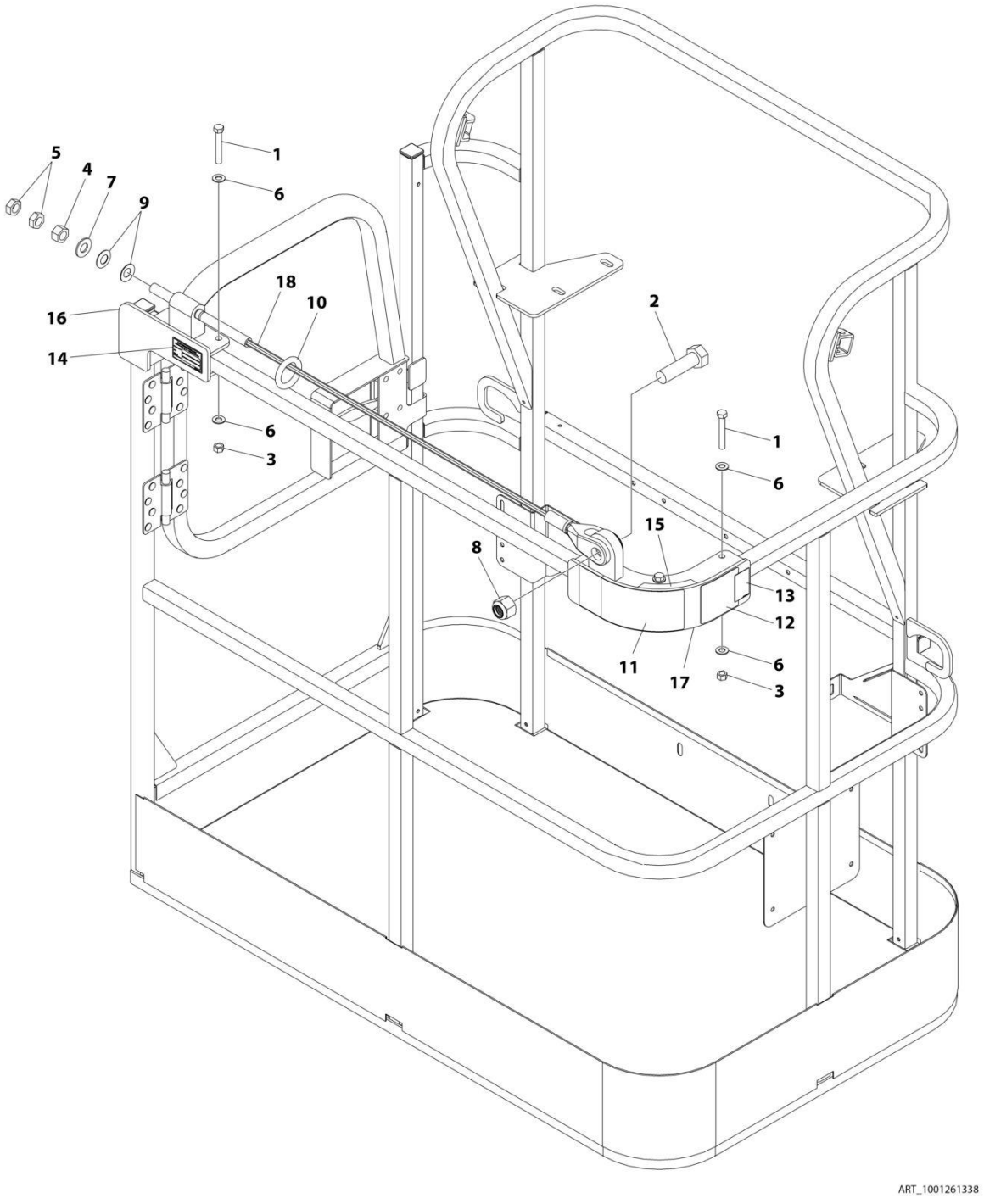
### FIGURE 5-37. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)



## FIGURE 5-37. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091434 | Ref | SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH) | B |
| 1 | 1001091432 | 1 | SkyGlazier Assembly (See Items 101-110 for Breakdown) | |
| 2 | 0642012 | 4 | Bolt 5/8 x 1-1/2 | |
| 3 | 0940199 | 1 | Bumper Kit | |
| 4 | 3312005 | 4 | Nut 5/8 | |
| 5 | 4240149 | 1 | Strap Kit | |
| 6 | 4420014 | AR | Tape, Plastic | |
| 7 | 4712000 | 8 | Washer 5/8 | |
| | 1001091432 | Ref | SKYGLAZIER ASSEMBLY | A |
| 101 | 0100081 | AR | Loctite #454 | |
| 102 | 1120555 | 2 | Cap, Manual Storage Tube | |
| 103 | 1701509 | 1 | Decal - Manual | |
| 104 | See Note | NSS | Nameplate (Note: Not Available for Purchase) | |
| 106 | 3340956 | 1 | Pad, Glazier Tray | |
| 107 | 3460334 | 1 | Tube, Manual Storage | |
| 108 | See Note | NSS | Tray (Note: Use Item 1) | |
| 109 | 4420066 | AR | Tape, Double Sided | |
| 110 | 1001091430 | 1 | Decal - Capacity | |

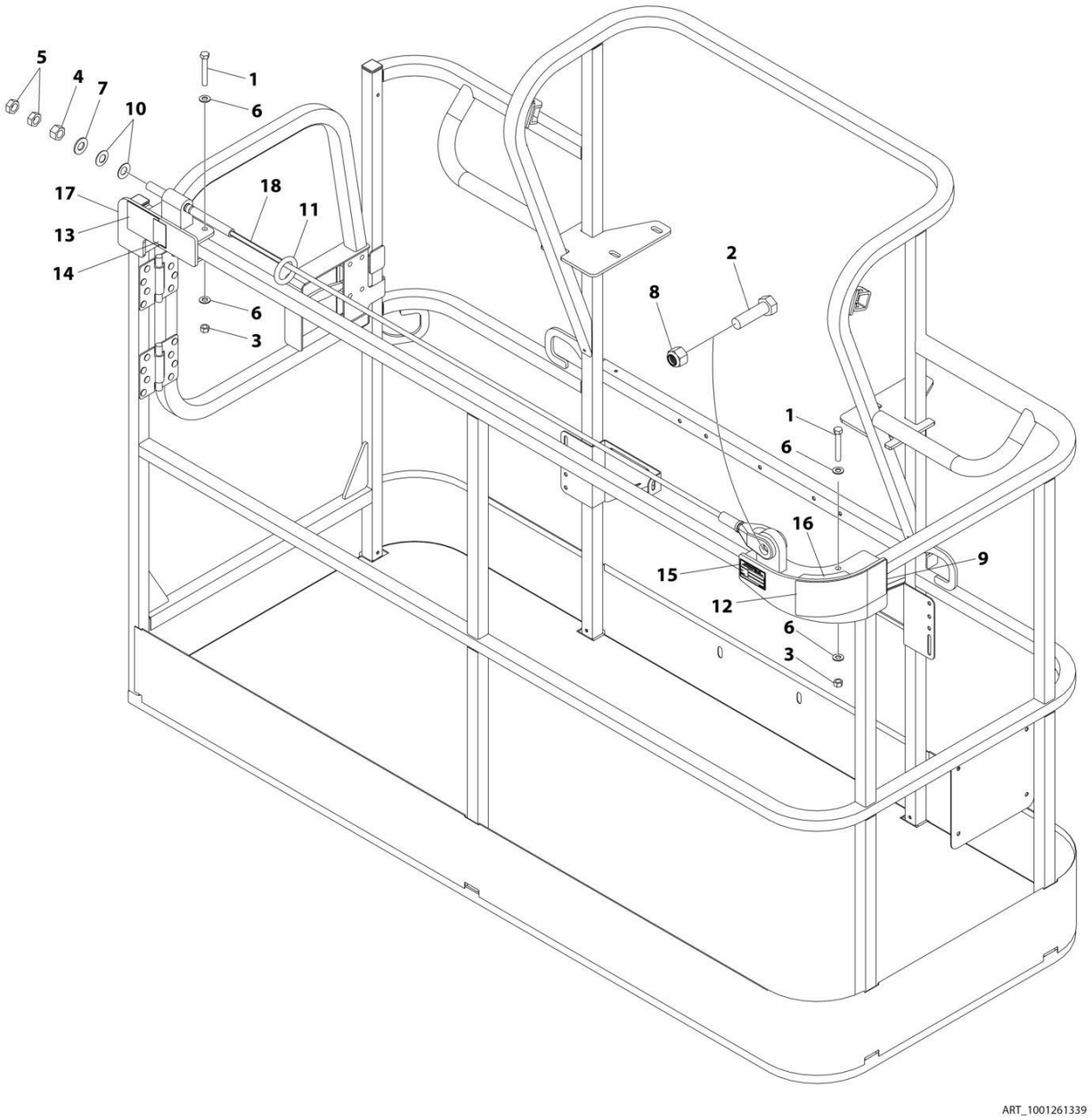
## FIGURE 5-38. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 4FT /76CM X 1.22M PLATFORM)



## FIGURE 5-38. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 4FT /76CM X 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 | |

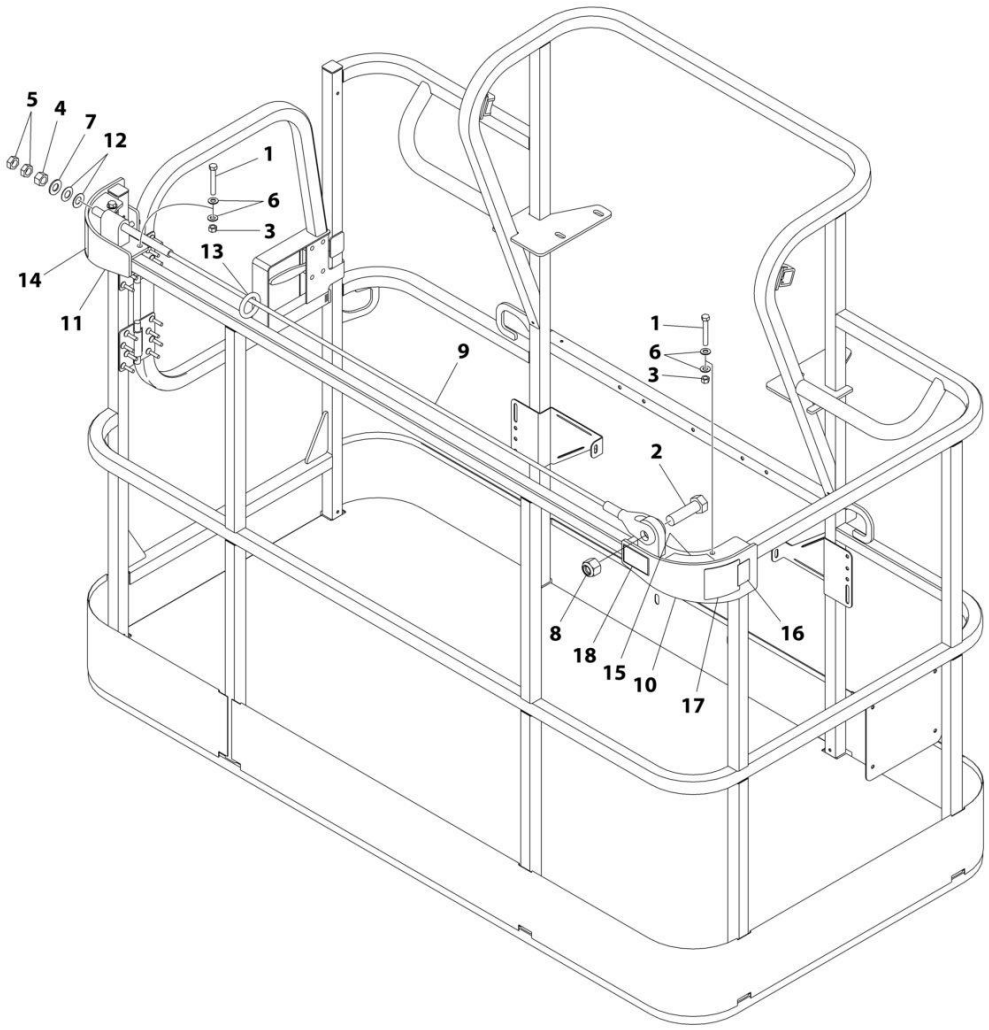
## FIGURE 5-39. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 6FT /76CM X 1.82M PLATFORM)



## FIGURE 5-39. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 6FT /76CM X 1.82M PLATFORM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001261339 | Ref | FALL ARREST INSTALLATION (BOLT-ON) 30IN X 6FT (76CM X 1.83M) PLATFORM | 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 | 1001232010 | 1 | Bracket | |
| 10 | 1001236891 | 2 | Washer | |
| 11 | 1001236895 | 1 | Ring | |
| 12 | 1001238263 | 1 | Decal - Warning Falling Hazard | |
| 13 | 1001248140 | 1 | Decal - Bolt Fall Arrest Re-Cert | |
| 14 | 1001248141 | 1 | Decal - Incription | |
| 15 | See Note | NSS | Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase) | |
| 16 | 1001252629 | 1 | Decal - Weight | |
| 17 | 1001257271 | 1 | Bracket | |
| 18 | 1001261336 | 1 | Rope | |

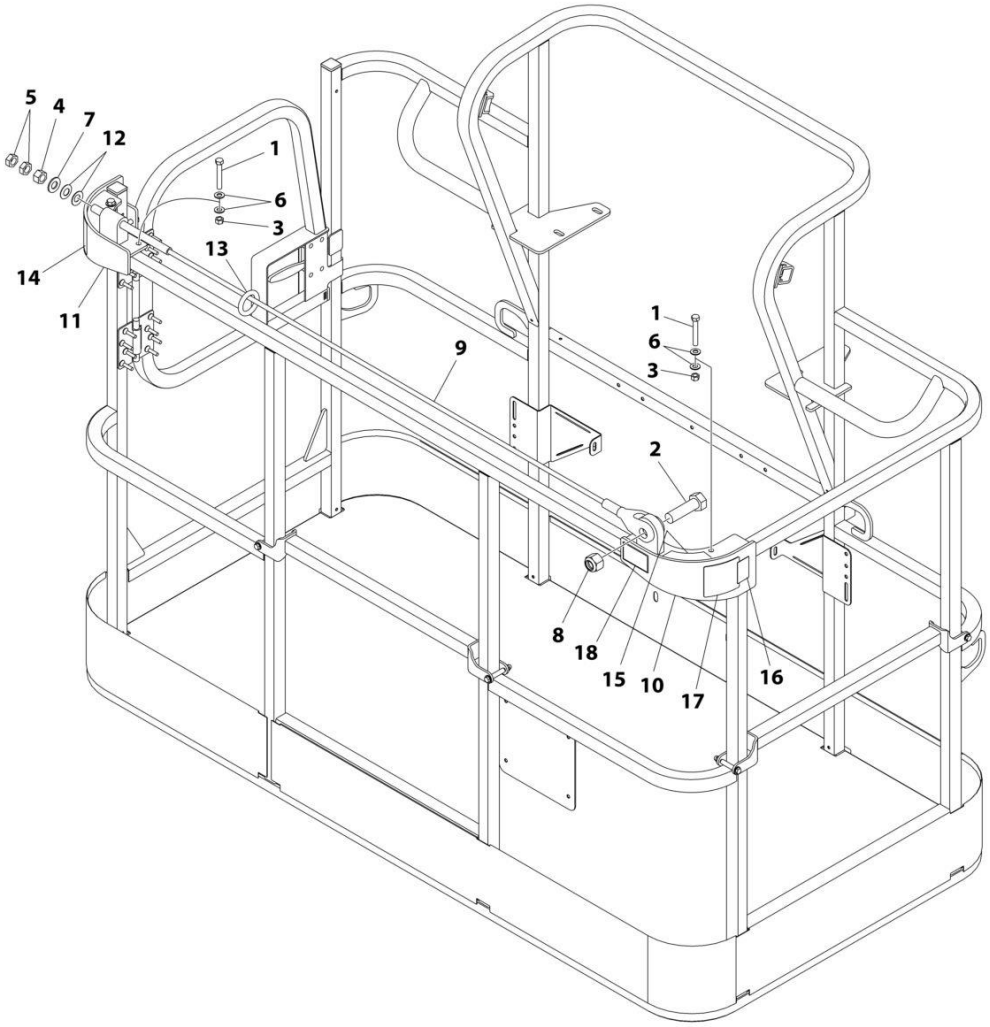
## FIGURE 5-40. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)



## FIGURE 5-40. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (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 | |

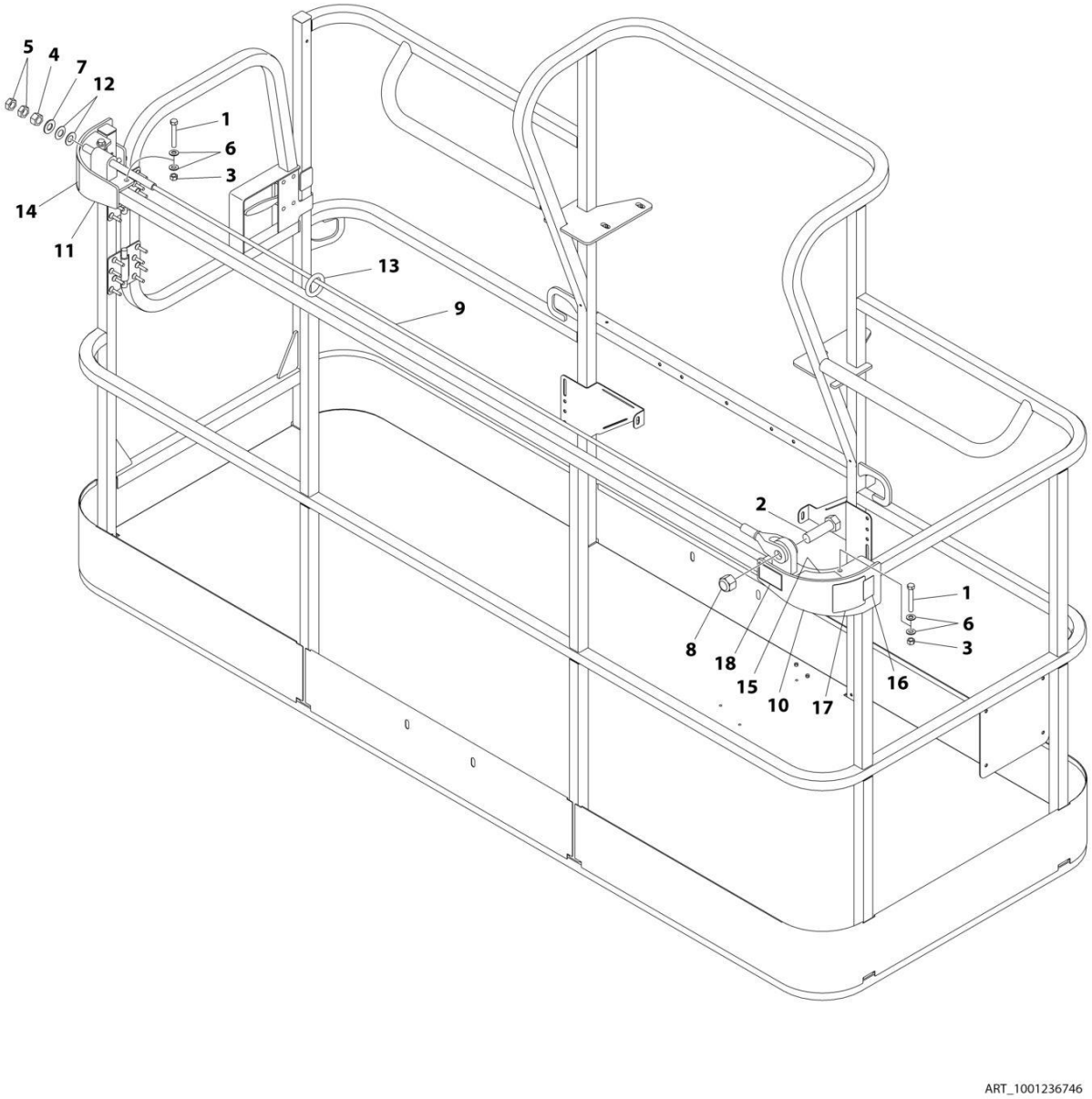
## FIGURE 5-41. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)



## FIGURE 5-41. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (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 | |

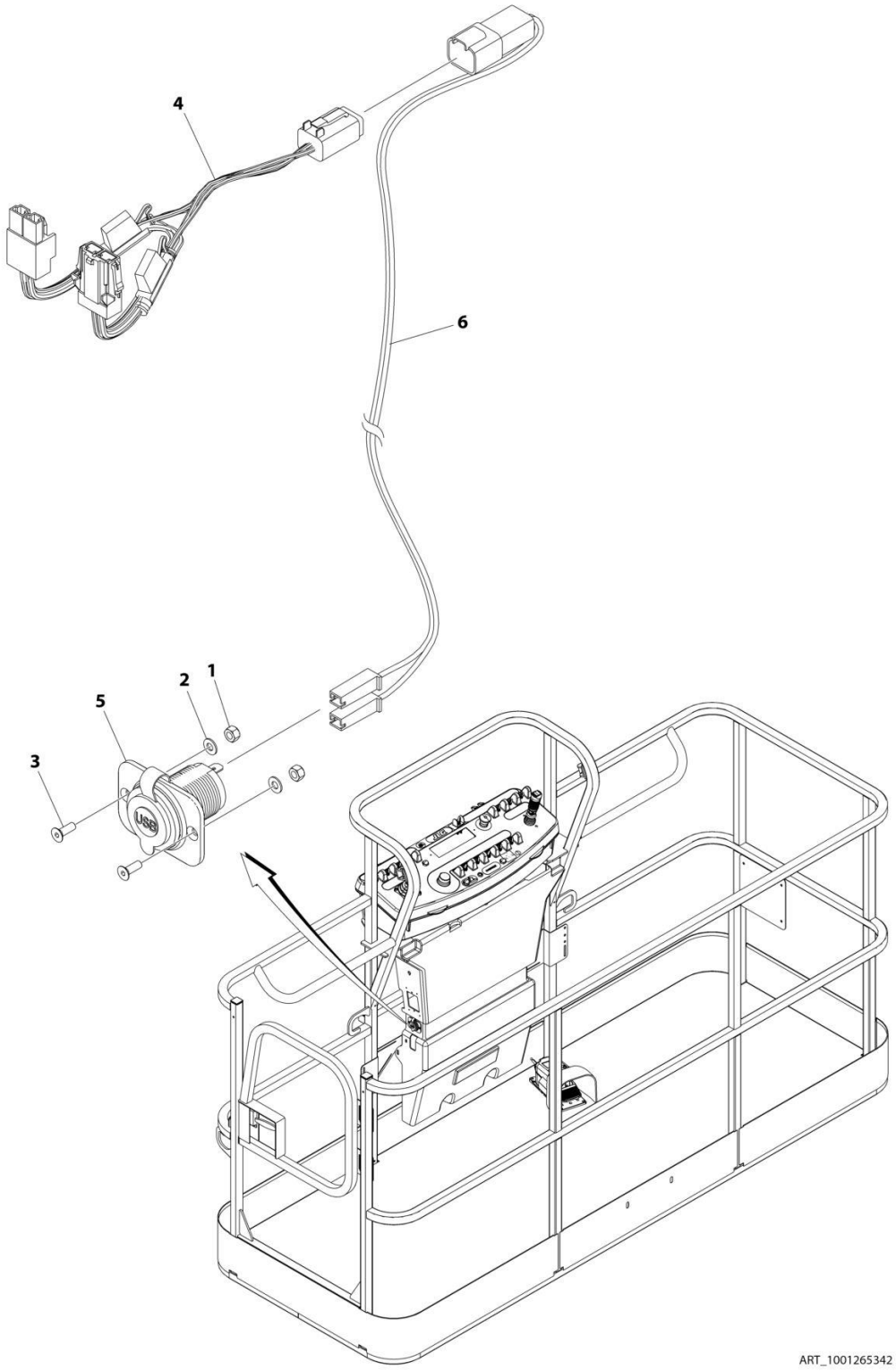
## FIGURE 5-42. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)



## FIGURE 5-42. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (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 5-43. USB CHARGER INSTALLATION



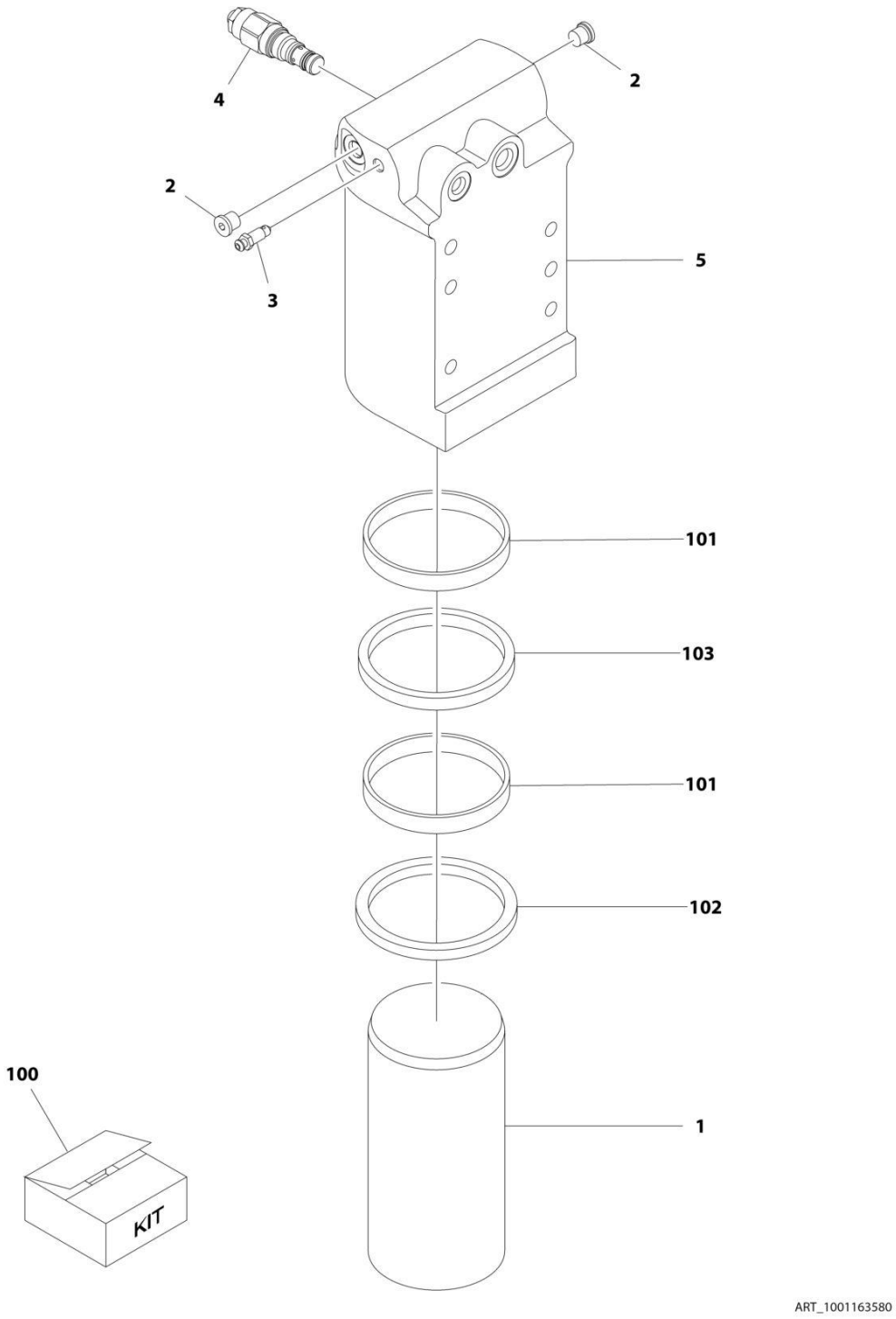
## FIGURE 5-43. USB CHARGER INSTALLATION

| 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 - CYLINDERS

# SECTION 6 - CYLINDERS

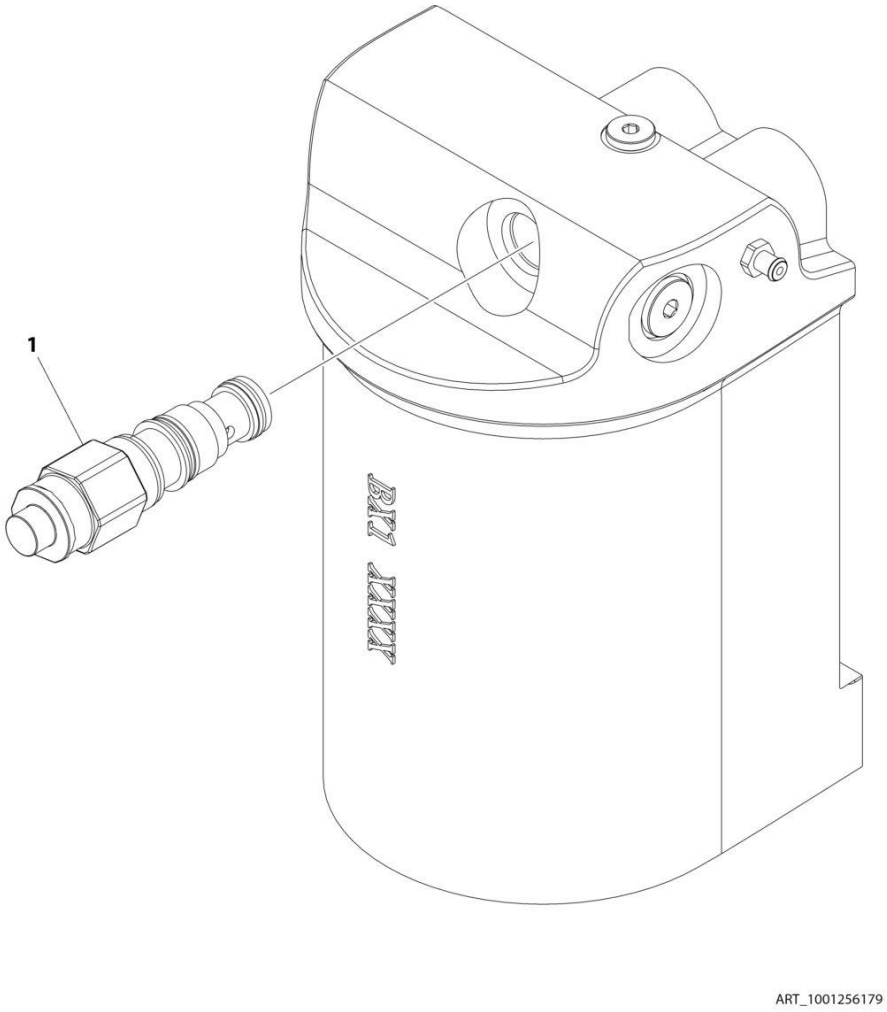
## FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 03)



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

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001163580 | Ref | AXLE LOCKOUT CYLINDER ASSEMBLY | I |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 1684290 | 1 | Rod | |
| 2 | 2220883 | 2 | Plug #4 | |
| 3 | 4640858 | 1 | Valve, Bleeder | |
| 4 | 1001117372 | 1 | Cartridge, Valve | |
| 4 | 70002842 | 1 | Seal Kit - 1001117372 Valve | |
| 5 | 1001164817 | 1 | Barrel | |
| 100 | 2902266 | NLA | Seal Kit - 1001163590 Cylinder (Includes Items 101-103) | |
| 101 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 102 | See Note | NSS | Seal (Note: Use Item 100) | |
| 103 | See Note | NSS | Wiper (Note: Use Item 100) | |

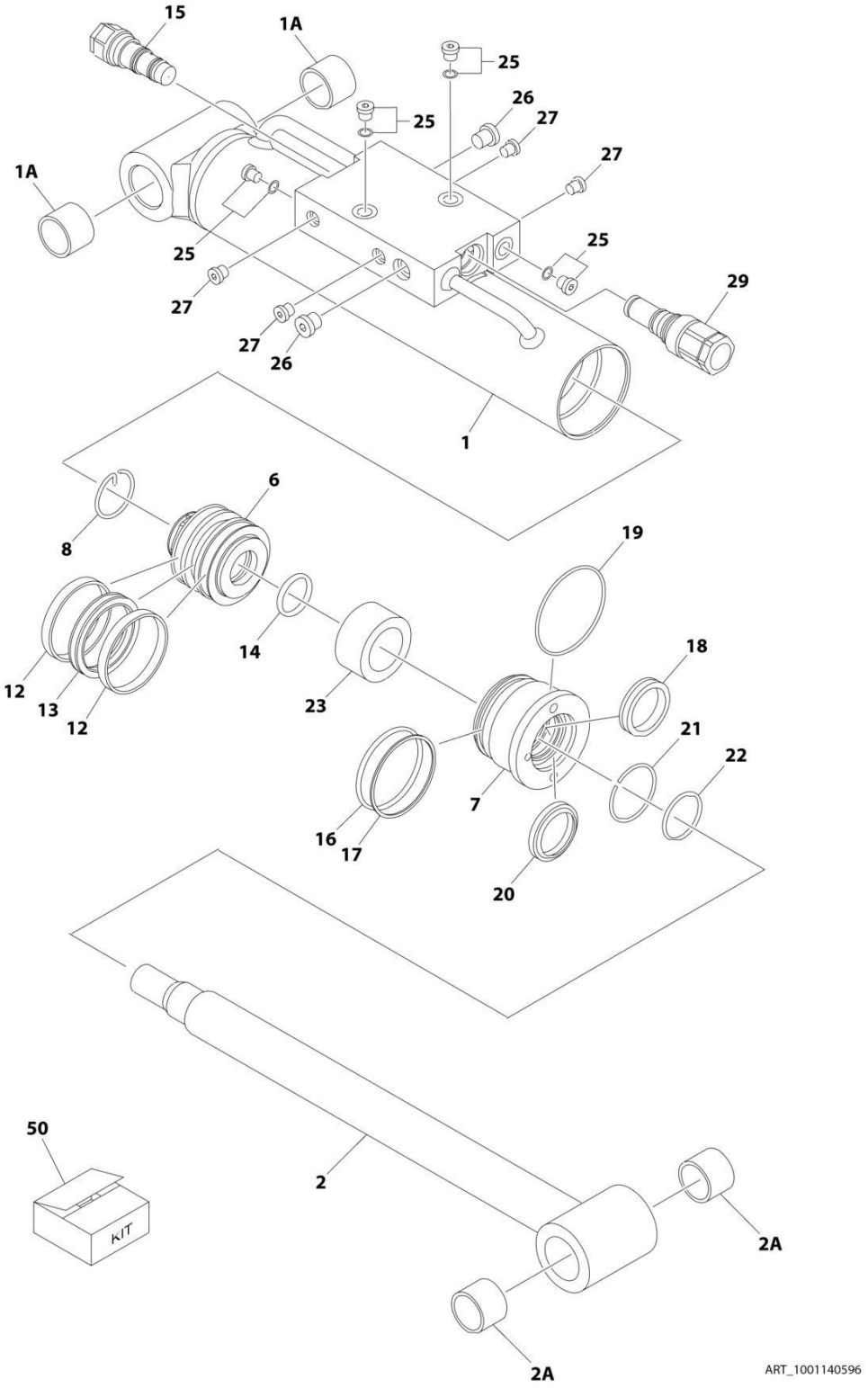
## FIGURE 6-2. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH B3)



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

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001256179 | 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. | |
| | | Ref | (Note: No Service Parts Available at time of Printing) | |
| 1 | 1001117372 | 1 | Cartridge, Valve | |
| 1 | 70002842 | 1 | Seal Kit - 1001117372 Valve | |

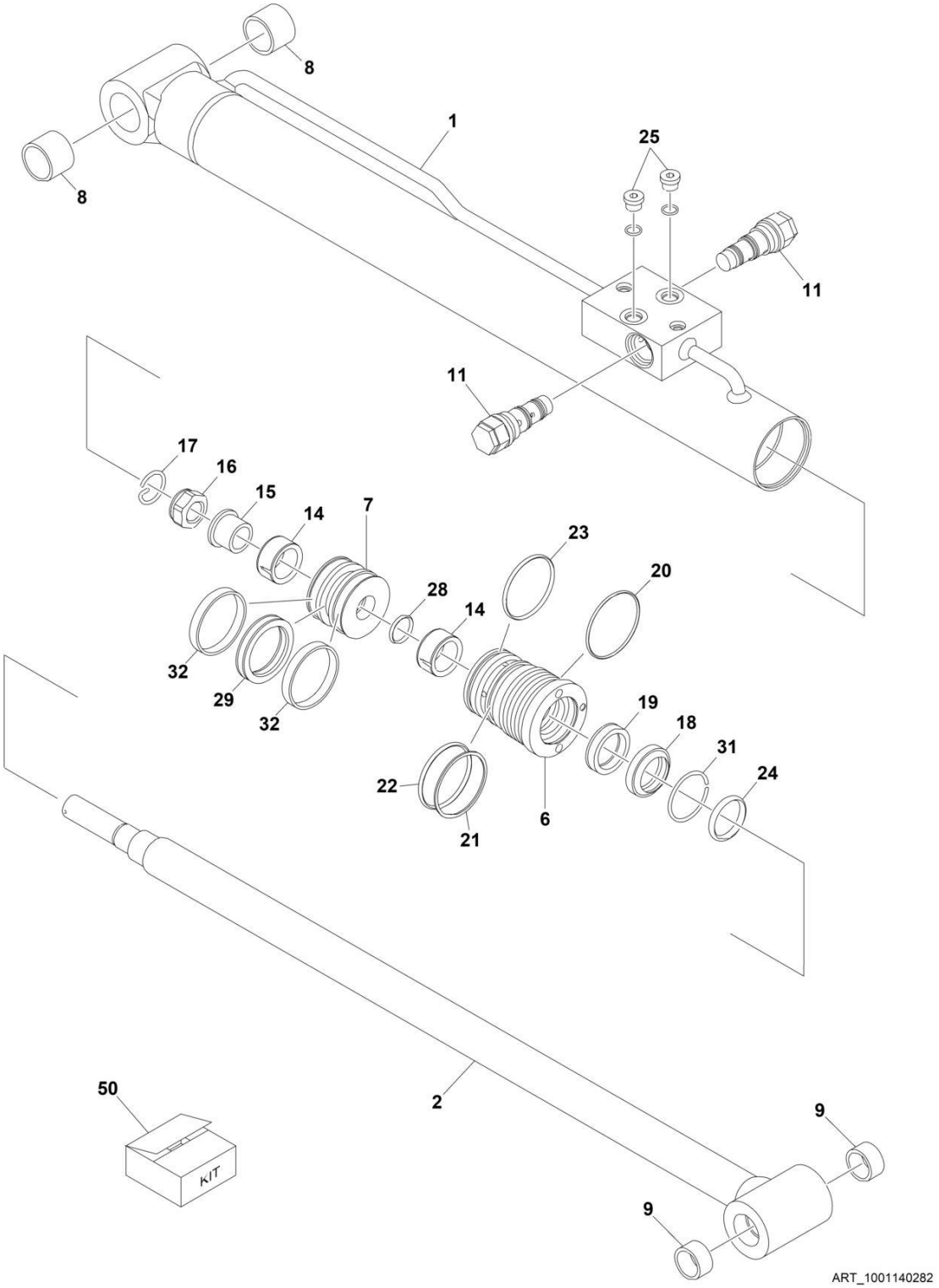
## FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE



## FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001140596 | 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 | 70003840 | 1 | Barrel | |
| 1A | 0961951 | 2 | Bushing | |
| 2 | 70003841 | 1 | Rod | |
| 2A | 0961951 | 2 | Bushing | |
| 6 | 70003819 | 1 | Head | |
| 7 | 70003837 | 1 | Piston | |
| 8 | 70002216 | 1 | Retainer | |
| 12 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 13 | See Note | NSS | Seal (Note: Use Item 50) | |
| 14 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 15 | 4640509 | 1 | Cartridge, Counterbalance Valve | |
| 15 | 2900792 | 1 | Seal Kit - 4640509 Valve | |
| 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 | Seal (Note: Use Item 50) | |
| 19 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 20 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 21 | 70003838 | 1 | Ring, Retaining | |
| 22 | 7026084 | 1 | O-Ring | |
| 23 | 70003839 | 1 | Spacer | |
| 25 | 7017406 | 4 | Plug | |
| 26 | See Note | 2 | Plug (Note: Not Available for Purchase) | |
| 27 | See Note | 4 | Plug (Note: Not Available for Purchase) | |
| 29 | 4640932 | 1 | Cartridge, Counterbalance Valve | |
| 29 | 7011112 | 1 | Seal Kit - 4640932 Valve | |
| 50 | 70003842 | 1 | Seal Kit - 1001140596 Cylinder (Includes Items 12-14 & 16-20) | |

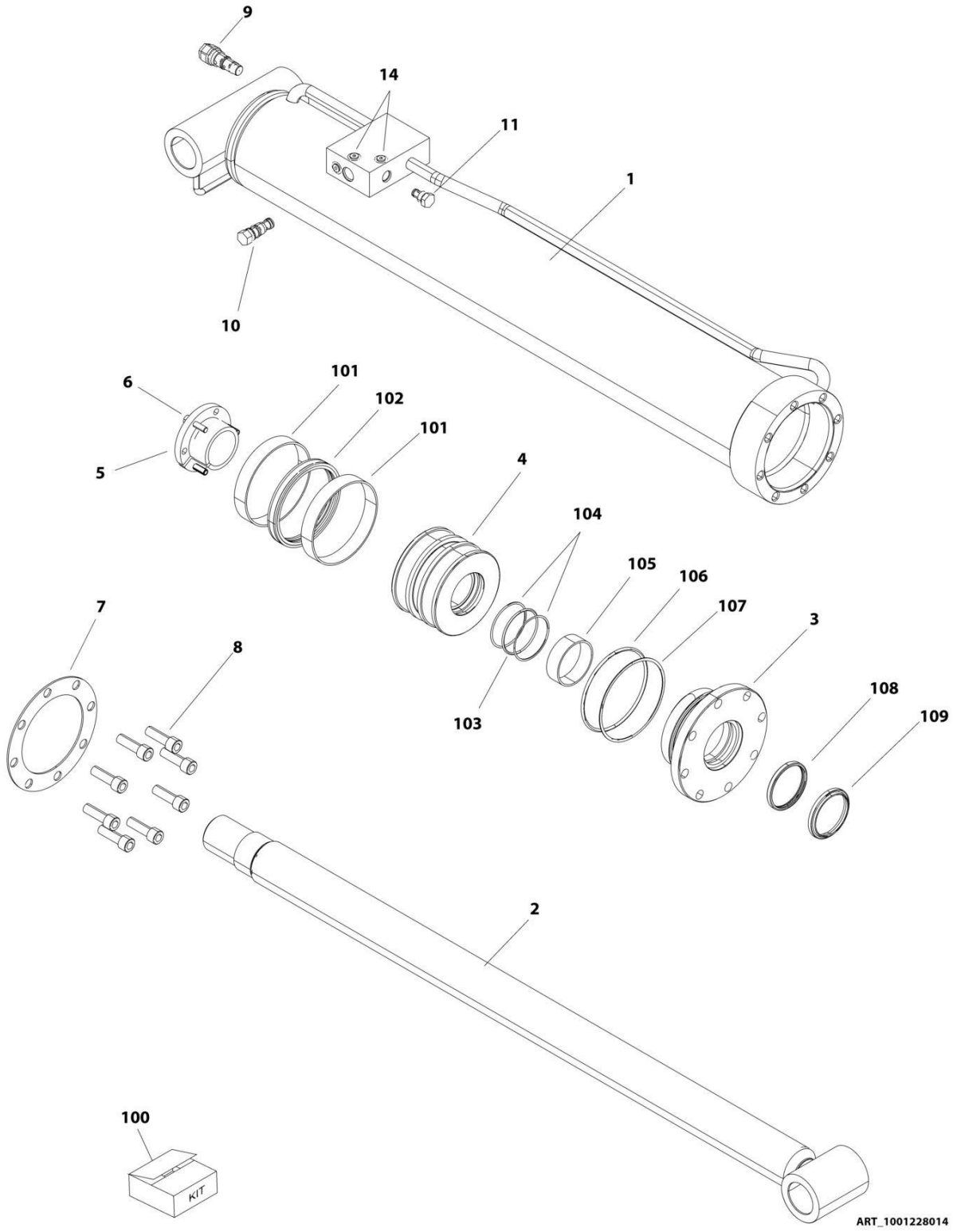
## FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB



## FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001140282 | Ref | LIFT CYLINDER ASSEMBLY - JIB (E600J/E600JP/M600J/M600JP) | A |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 70003834 | 1 | Barrel | |
| 2 | 70003835 | 1 | Rod | |
| 6 | 7026088 | 1 | Head | |
| 7 | 70003833 | 1 | Piston | |
| 8 | 0961951 | 2 | Bushing | |
| 9 | 0961947 | 2 | Bushing | |
| 11 | 4640509 | 2 | Cartridge, Counterbalance Valve | |
| 11 | 2900792 | 2 | Seal Kit - 4640509 Valve | |
| 14 | 7026090 | 2 | Bushing | |
| 15 | 7026091 | 1 | Sleeve | |
| 16 | 7026092 | 1 | Nut | |
| 17 | 70002223 | 1 | Retainer | |
| 18 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 19 | See Note | NSS | Seal (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 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 23 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 24 | 7026068 | 1 | O-Ring | |
| 25 | 7024844 | 2 | Plug | |
| 28 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 29 | See Note | NSS | Seal (Note: Use Item 50) | |
| 31 | 70002220 | 1 | Ring, Retaining | |
| 32 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 50 | 70003836 | 1 | Seal Kit - 1001140282 Cylinder (Includes Items 18-23, 28, 29 & 32) | |

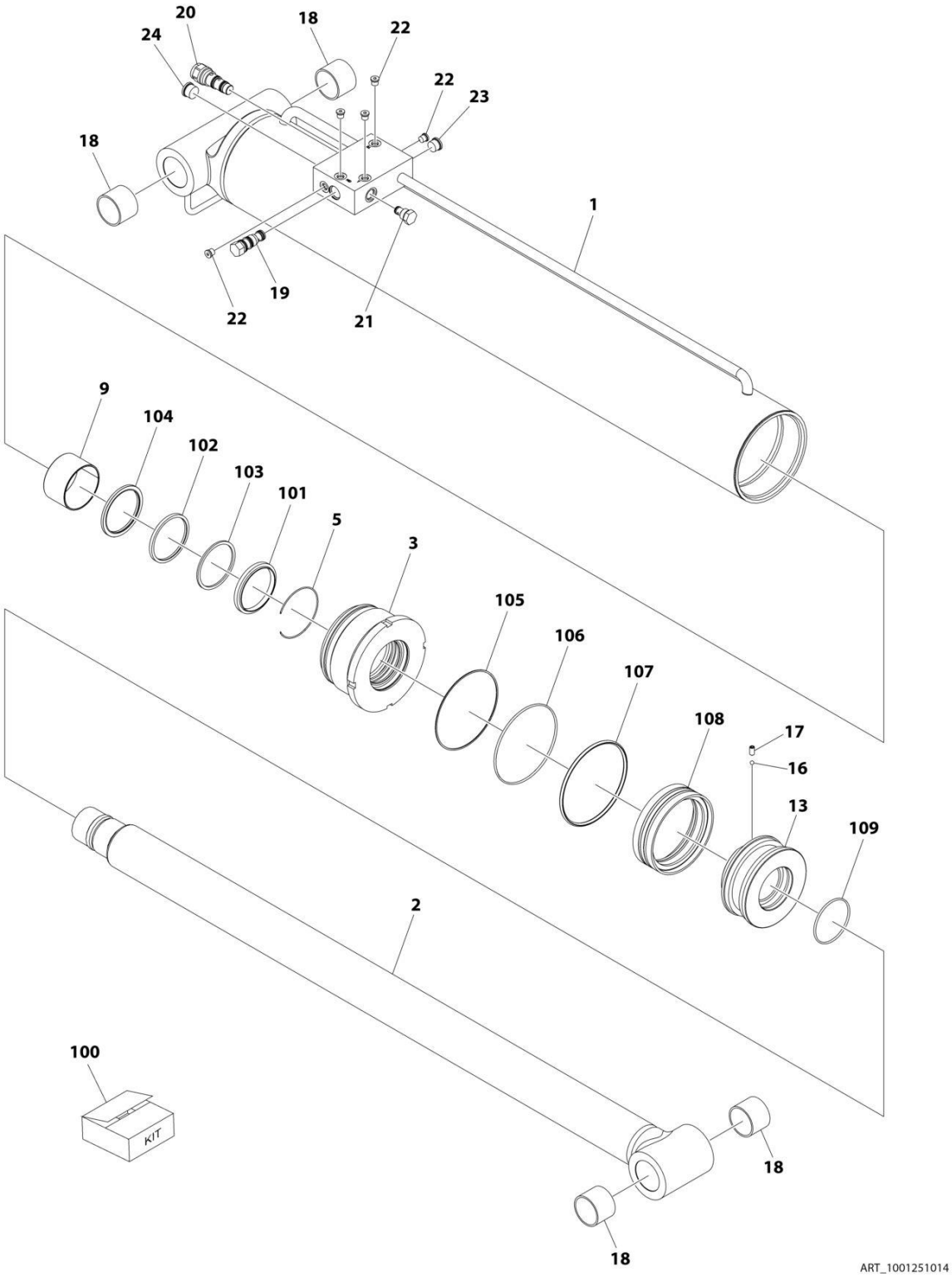
## FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN (PRIOR TO PVC 2001)



## FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN (PRIOR TO PVC 2001)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228014 | Ref | LIFT CYLINDER ASSEMBLY - MAIN | D |
| | | 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 | 70006368 | 1 | Rod Weldment | |
| 3 | 70006367 | 1 | Head | |
| 4 | 70006366 | 1 | Piston | |
| 5 | 70006365 | 1 | Bushing, Tapered | |
| 6 | 0630536 | 1 | Screw | |
| 7 | 70006364 | 1 | Washer | |
| 8 | 3932032 | 8 | Capscrew | |
| 9 | 4640509 | 1 | Valve, Counterbalance | |
| 10 | 4640438 | 1 | Cartridge, Check Valve | |
| 11 | 4641129 | 1 | Cartridge, Check Valve | |
| 12 | See Note | NSS | Plug (Not Shown) | |
| 13 | See Note | NSS | Plug | |
| 14 | 2220883 | 4 | Plug | |
| 100 | 2901886 | 1 | Seal Kit (Includes Items 101-109) | |
| 101 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 102 | See Note | NSS | Seal, Piston (Note: Use Item 100) | |
| 103 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 104 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 105 | See Note | NSS | Ring, Wear(Note: Use Item 100) | |
| 106 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 107 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 108 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 109 | See Note | NSS | Wiper, Rod (Note: Use Item 100) | |

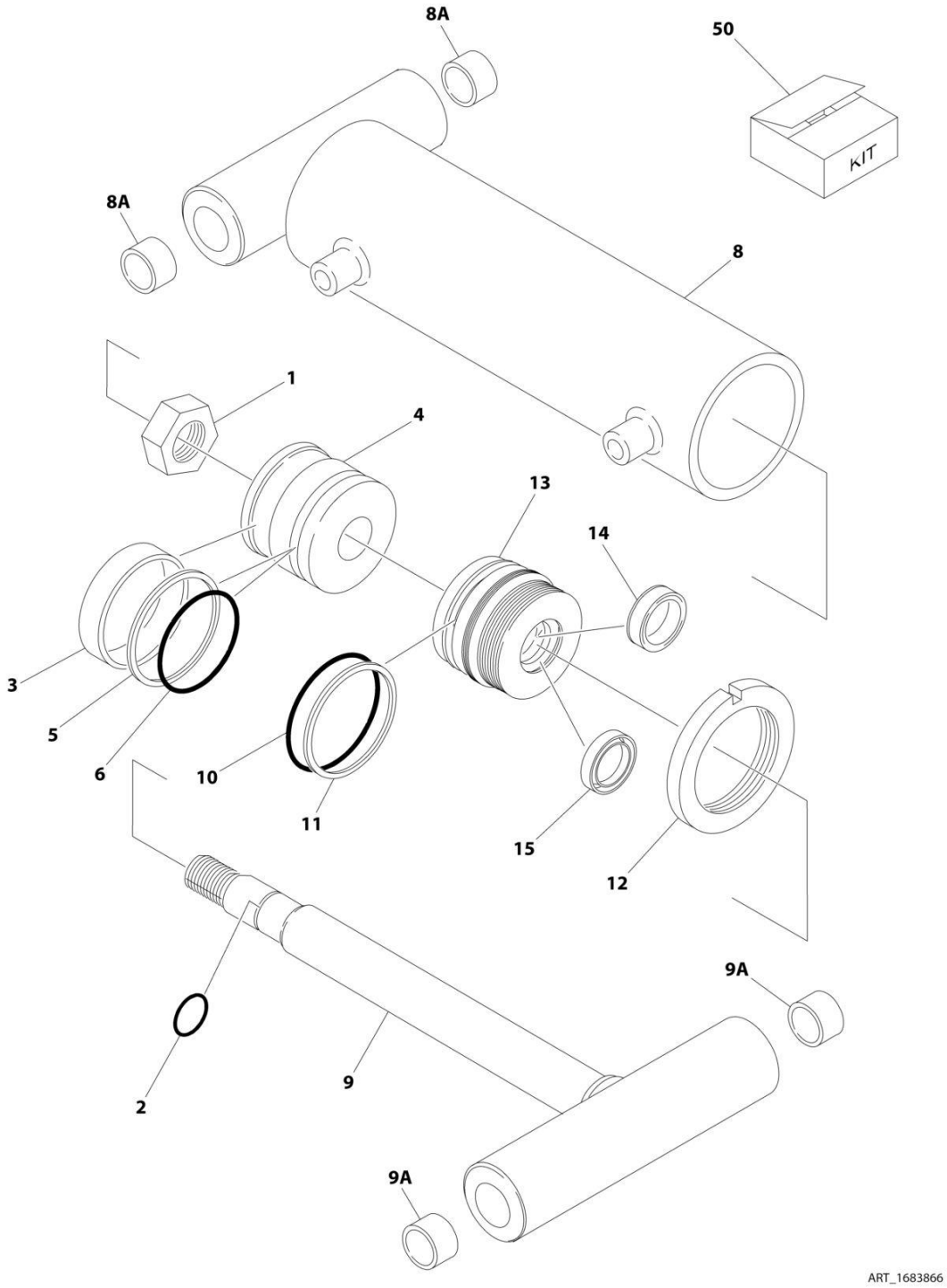
## FIGURE 6-6. LIFT CYLINDER ASSEMBLY - MAIN (PVC 2001)



## FIGURE 6-6. LIFT CYLINDER ASSEMBLY - MAIN (PVC 2001)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001251014 | Ref | LIFT CYLINDER ASSEMBLY - MAIN | 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: Not Available for Purchase) | |
| 2 | 70007242 | 1 | Rod Weldment | |
| 3 | 70007243 | 1 | Head | |
| 5 | 70027750 | 1 | Ring, Retaining | |
| 9 | 70007244 | 1 | Bearing, Dry | |
| 13 | 70007245 | 1 | Piston | |
| 16 | 70022564 | 1 | Ball, Steel | |
| 17 | 70007246 | 1 | Screw, Set | |
| 18 | 0961950 | 4 | Bearing | |
| 19 | 4640438 | 1 | Cartridge, Check Valve | |
| 20 | 4640509 | 1 | Valve, Counterbalance | |
| 21 | 4641129 | 1 | Cartridge, Check Valve | |
| 22 | 2220883 | 5 | Plug | |
| 23 | 2220886 | 1 | Plug | |
| 24 | 2220887 | 1 | Plug | |
| 100 | 70007247 | 1 | Seal Kit (Includes Items 101-109) | |
| 101 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 102 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 103 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 104 | See Note | NSS | Ring, Buffer (Note: Use Item 100) | |
| 105 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 106 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 107 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 108 | See Note | NSS | Seal, Piston (Note: Use Item 100) | |
| 109 | See Note | NSS | O-Ring (Note: Use Item 100) | |

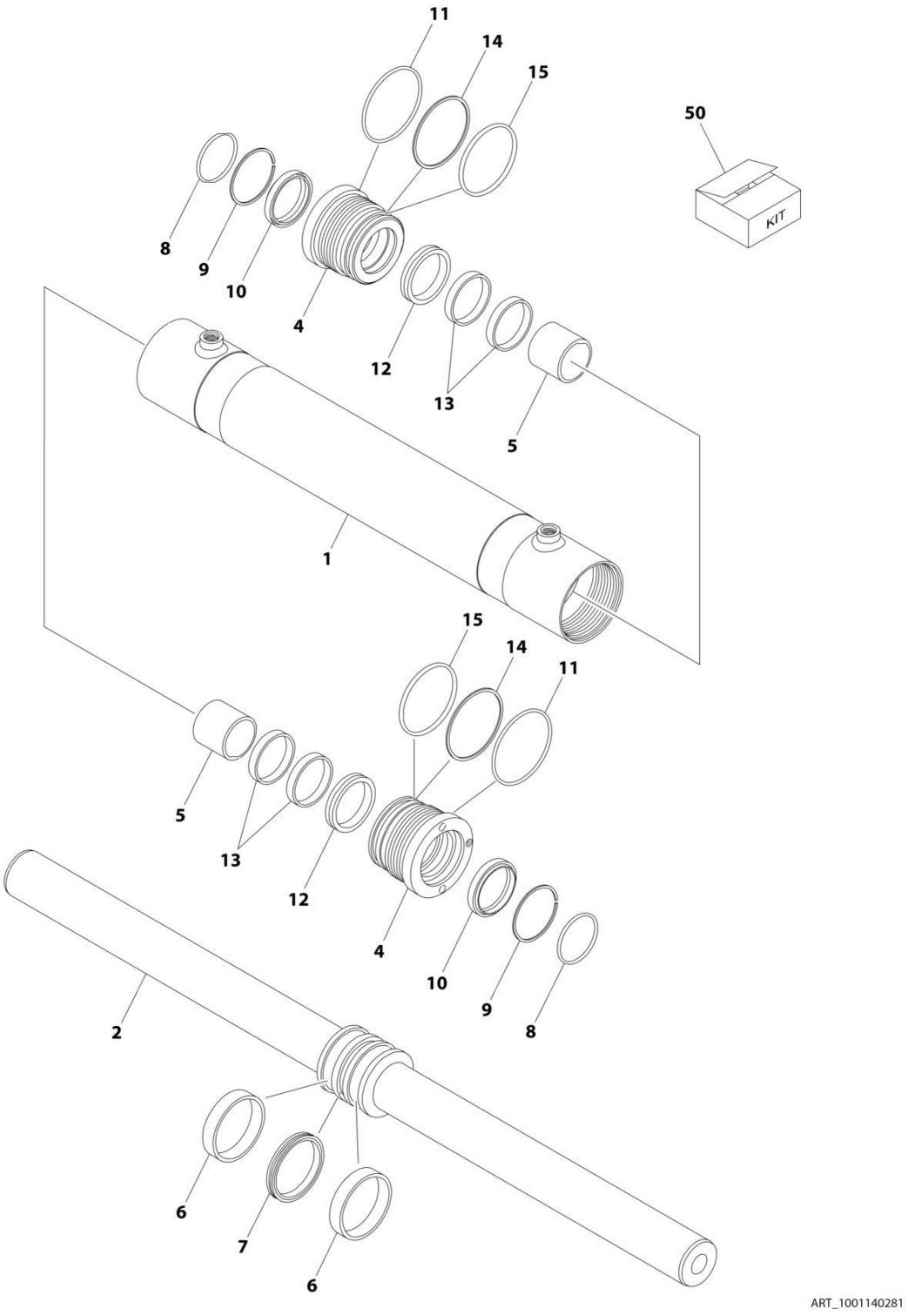
## FIGURE 6-7. MASTER CYLINDER ASSEMBLY



## FIGURE 6-7. MASTER CYLINDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1683866 | Ref | MASTER CYLINDER ASSEMBLY | D |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 7017278 | 1 | Nut | |
| 2 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 3 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 4 | 7017279 | 1 | Piston | |
| 5 | See Note | NSS | Seal, Piston (Note: Use Item 50) | |
| 6 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 8 | 7017280 | 1 | Barrel Assembly | |
| 8A | 0961951 | 2 | Bushing | |
| 9 | 7017281 | 1 | Rod Assembly | |
| 9A | 0961951 | 2 | Bushing | |
| 10 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 11 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 12 | 7017283 | 1 | Setscrew 1/4 x 3/8 | |
| 13 | 7017282 | 1 | Guide | |
| 14 | See Note | NSS | Seal (Note: Use Item 50) | |
| 15 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 50 | 7017277 | 1 | Seal Kit (Includes Items 2, 3, 5, 6, 10, 11, 14 & 15) | |

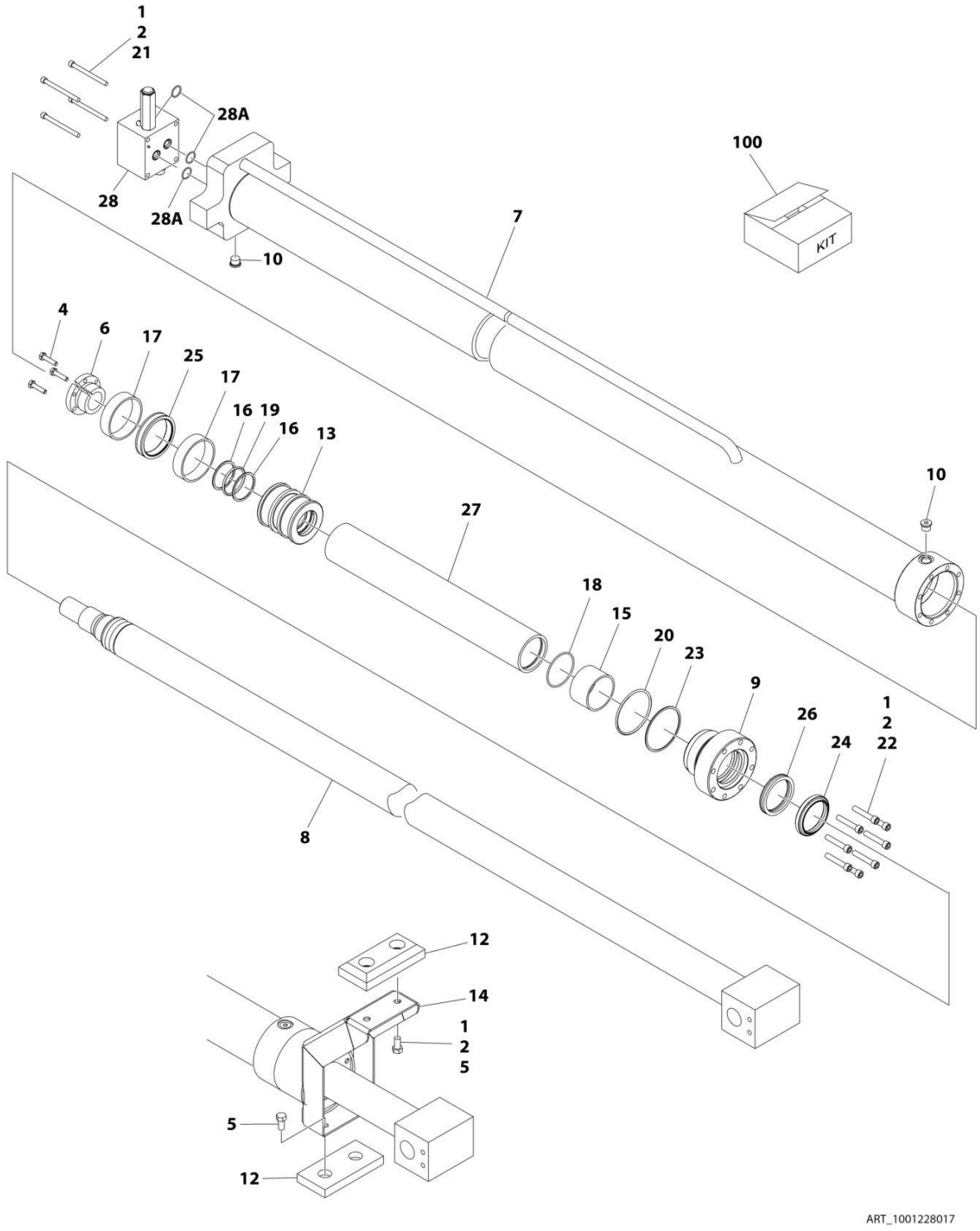
## FIGURE 6-8. STEER CYLINDER ASSEMBLY



## FIGURE 6-8. STEER CYLINDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001140281 | 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 | 70004134 | 1 | Barrel | |
| 2 | 70004135 | 1 | Rod | |
| 4 | 70004132 | 2 | Head | |
| 5 | 70004133 | 2 | Spacer | |
| 6 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 7 | See Note | NSS | T-Seal (Note: Use Item 50) | |
| 8 | 70003820 | 2 | O-Ring | |
| 9 | 70002219 | 2 | Retainer | |
| 10 | See Note | NSS | Wiper (Note: Use Item 50) | |
| 11 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 12 | See Note | NSS | Seal (Note: Use Item 50) | |
| 13 | See Note | NSS | Ring, Wear (Note: Use Item 50) | |
| 14 | See Note | NSS | Ring, Back-up (Note: Use Item 50) | |
| 15 | See Note | NSS | O-Ring (Note: Use Item 50) | |
| 50 | 70004127 | 1 | Seal Kit - 1001140281 Cylinder (Includes Items 6-7 & 10-15) | |

## FIGURE 6-9. TELESCOPE CYLINDER ASSEMBLY

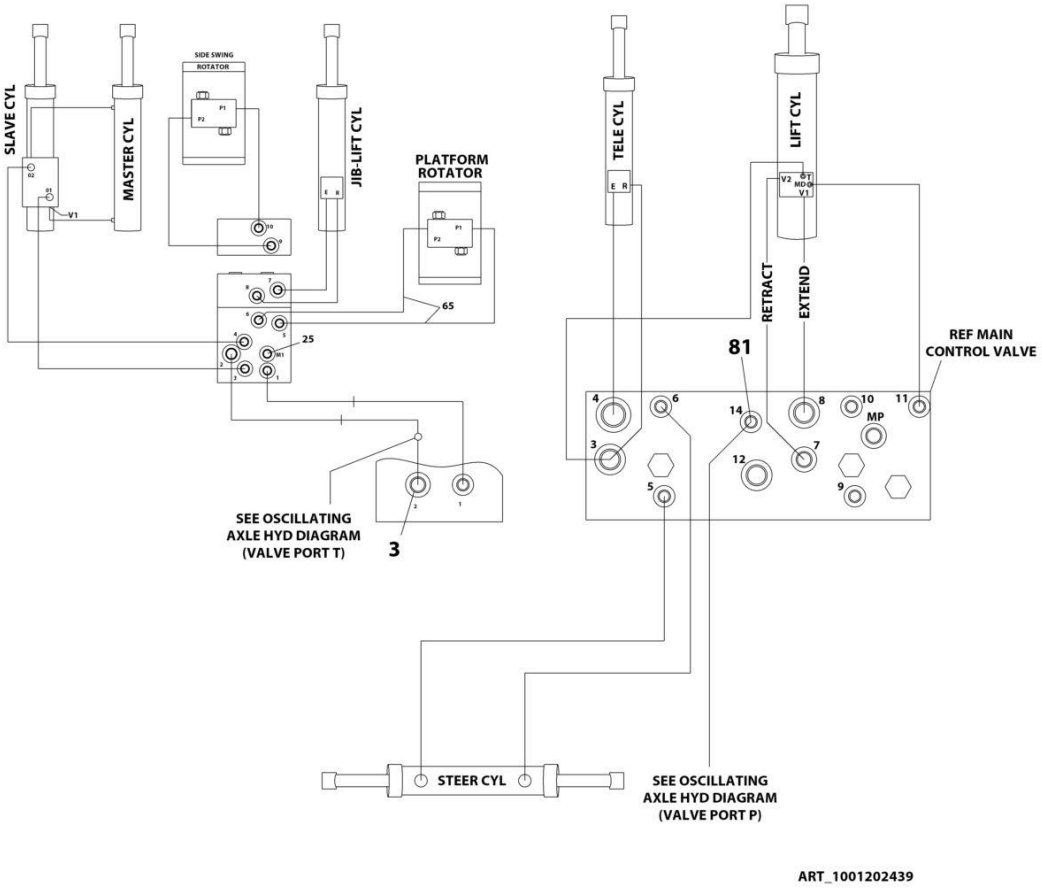


## FIGURE 6-9. TELESCOPE CYLINDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228017 | 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 | 0100011 | AR | Locking, Compound | |
| 2 | 0100038 | AR | Primer, Locking | |
| 4 | 0630535 | 3 | Bolt 1/4 x 1-1/8 | |
| 5 | 0641606 | 4 | Bolt 3/8 x 3/4 | |
| 6 | 0961902 | 1 | Bushing, Tapered | |
| 7 | See Note | NSS | Barrel (Note: Use Item 100) | |
| 8 | 70006709 | 1 | Rod | |
| 9 | 70006710 | 1 | Head | |
| 10 | 2220885 | 2 | Plug, O-Ring | |
| 12 | 3340880 | 2 | Pad, Support | |
| 13 | 70006711 | 1 | Piston | |
| 14 | 3572040 | 1 | Plate, Support | |
| 15 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 16 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 17 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 18 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 19 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 20 | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 21 | 3931448 | 4 | Capscrew 1/4 x 3 | |
| 22 | 3931528 | 8 | Bolt 5/16 x 1-3/4 | |
| 23 | See Note | NSS | Ring, Back-up (Note: Use Item 100) | |
| 24 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 25 | See Note | NSS | Seal (Note: Use Item 100) | |
| 26 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 27 | 70006712 | 1 | Spacer | |
| 28 | 4641179 | 1 | Valve Assembly (Note: No Serviceable Parts - Purchase Complete Valve) | |
| 28A | 7026616 | 1 | Seal Kit - 4641179 Valve | |
| 100 | 2902019 | 1 | Seal Kit (Includes Items 7, 15-20 & 23-26) | |

# SECTION 7 - HYDRAULIC

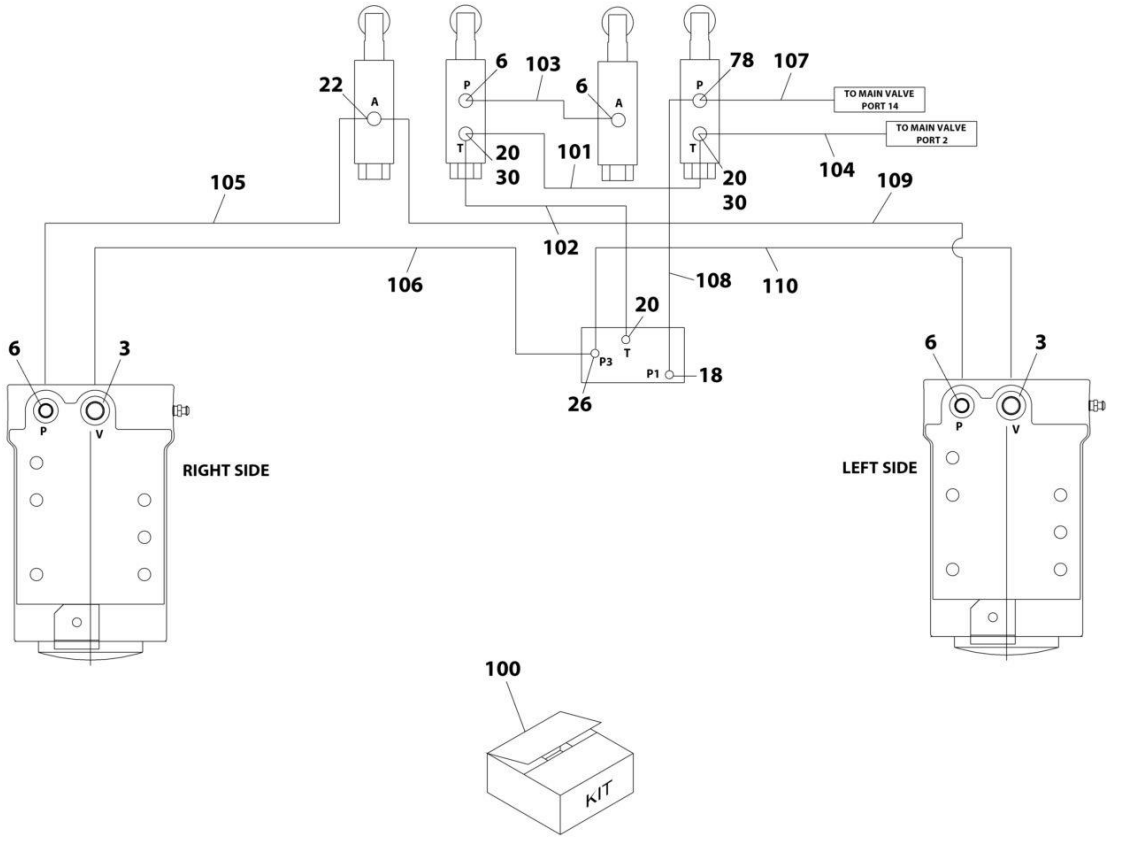
## FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (FIXED)



## FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (FIXED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202439 | 1 | HYDRAULIC DIAGRAM - AXLE (FIXED) | 1 |
| 3 | 2220371 | 1 | Fitting, Straight JIC/ORB | |
| 81 | 2220235 | 1 | Plug | |

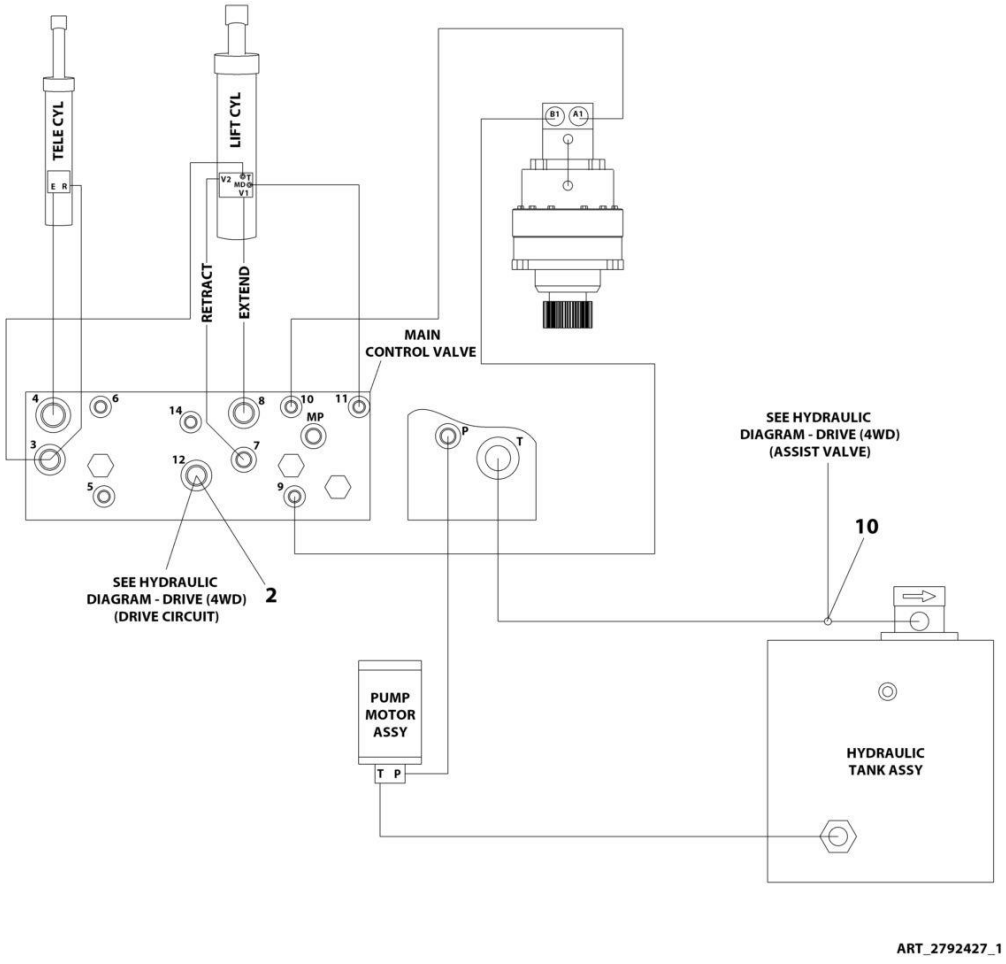
## FIGURE 7-2. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)



## FIGURE 7-2. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202444 | Ref | OSCILLATING AXLE HYDRAULIC DIAGRAM | D |
| 3 | 2220371 | 2 | Fitting, Straight ORB-FL | |
| 6 | 2220415 | 4 | Fitting, Straight ORB-FL | |
| 18 | 2220582 | 1 | Fitting, Straight ORB-FL | |
| 20 | 2220603 | 3 | Fitting, Straight ORB-FL | |
| 22 | 2220711 | 1 | Fitting, Tee ORB-FL-FL | |
| 26 | 2220899 | 1 | Fitting, Tee ORB-FL-FL | |
| 30 | 2220635 | 2 | Fitting, Tee JIC/FSJIC/JIC | |
| 78 | 2221034 | 1 | Fitting, Tee ORB-FL-FL | |
| 100 | 1001269832 | 1 | Kit, Hose (OSC Axle) | |
| 101 | 2752463 | NSS | Hose | |
| 102 | 2752471 | NSS | Hose | |
| 103 | 2752588 | NSS | Hose | |
| 104 | 2752631 | NSS | Hose | |
| 105 | 2753002 | NSS | Hose | |
| 106 | 2753397 | NSS | Hose | |
| 107 | 2753420 | NSS | Hose | |
| 108 | 1001200620 | NSS | Hose | |
| 109 | 1001200621 | NSS | Hose | |
| 110 | 1001200622 | NSS | Hose | |

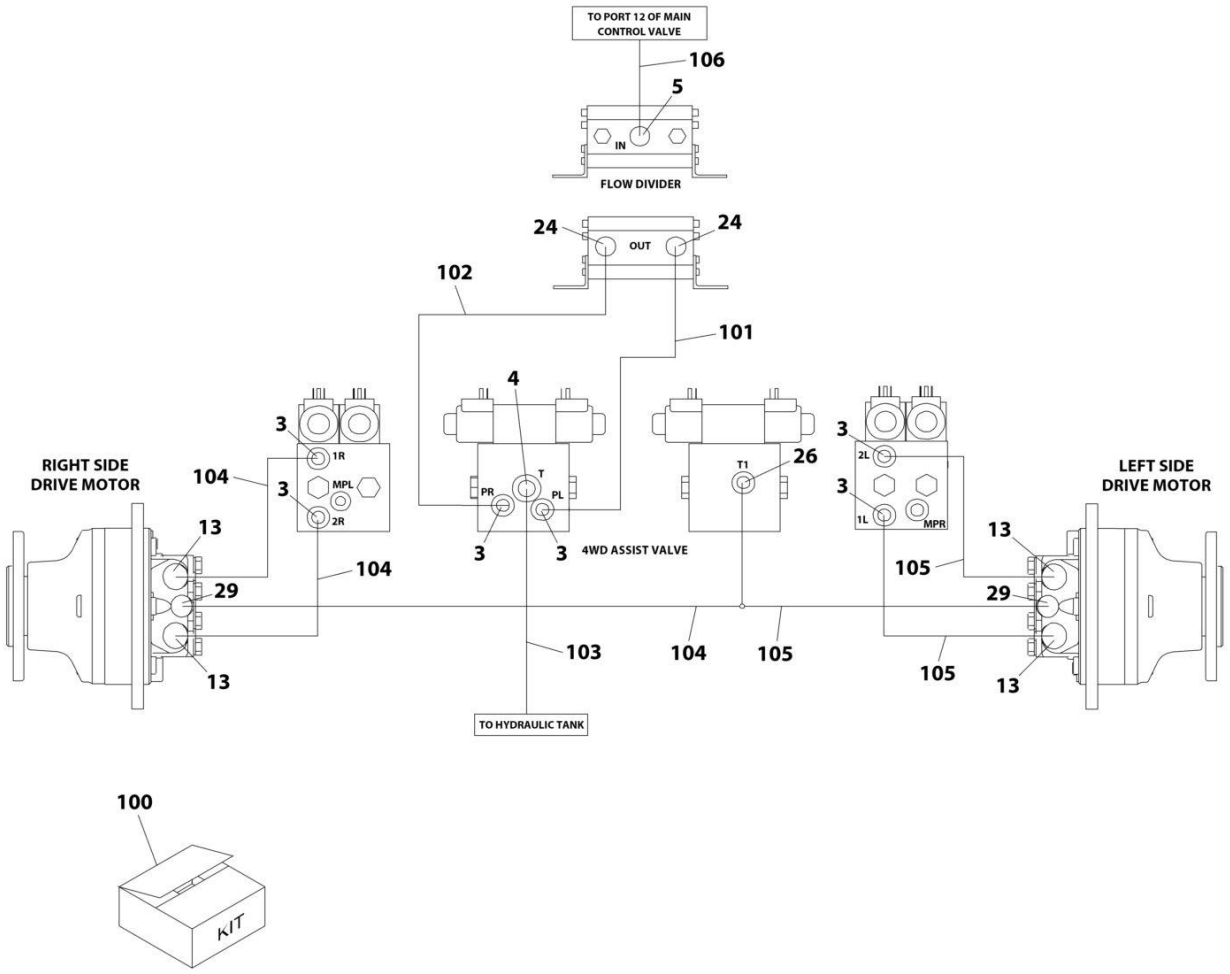
## FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD)



## FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2792427 | Ref | HYDRAULIC DIAGRAM - DRIVE (2WD) | 1 |
| 2 | 2220238 | 1 | Plug | |
| 10 | 2220451 | 1 | Fitting, Straight JIC/ORB | |

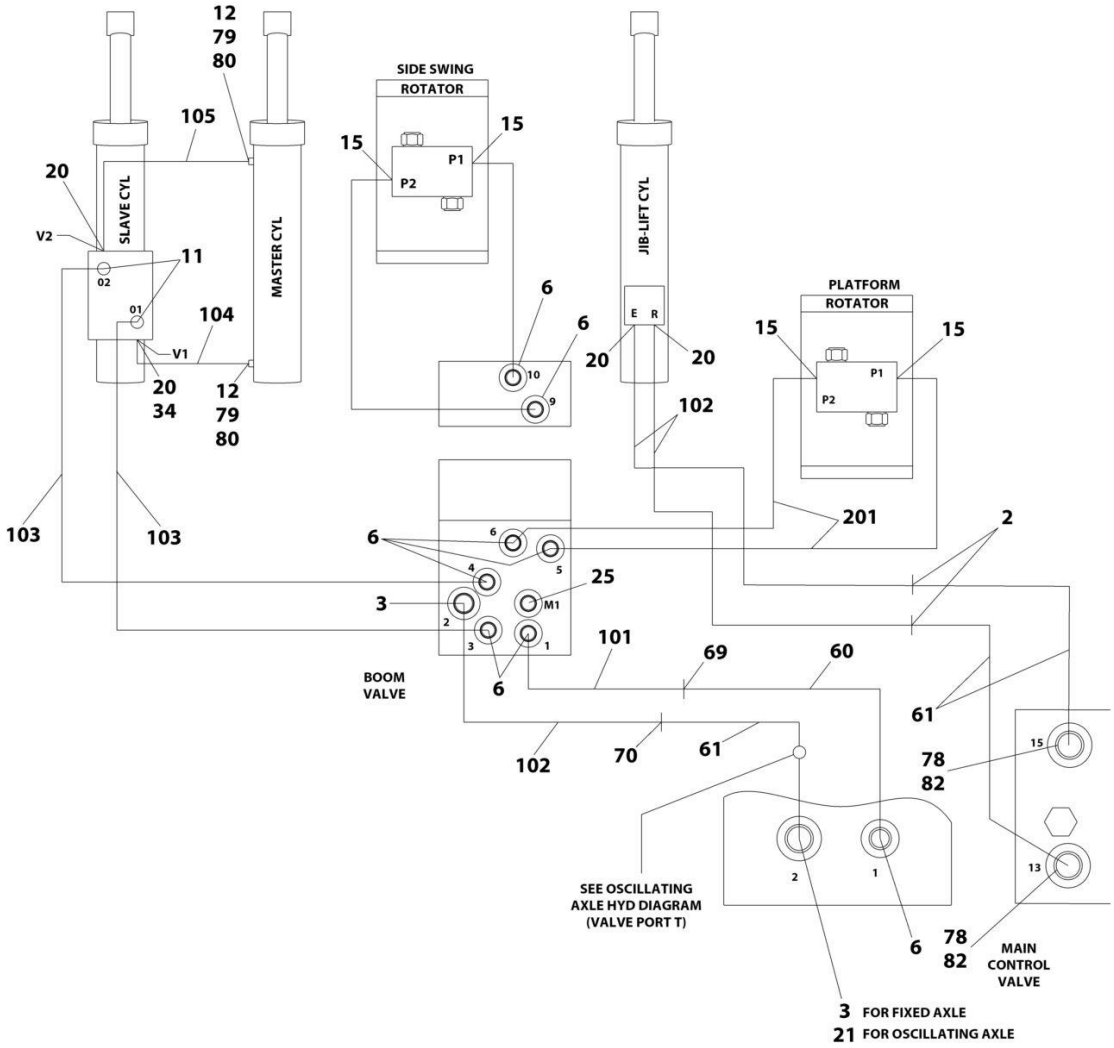
## FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD)



## FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2792423 | Ref | 4WD HYDRAULIC DIAGRAM | B |
| 3 | 2220371 | 6 | Fitting, Straight ORB-FL | |
| 4 | 2220373 | 1 | Fitting, Straight ORB-FL | |
| 5 | 2220374 | 1 | Fitting, Straight ORB-FL | |
| 13 | 2220497 | 4 | Fitting, Straight ORB-FL | |
| 24 | 2220828 | 2 | Fitting, 90 ORB-FL | |
| 26 | 2220899 | 1 | Fitting, Tee ORB-FL-FL | |
| 29 | 2220998 | 2 | Fitting, Straight ORB-FL | |
| 100 | 1001269833 | 1 | Kit, Hose (4WD Rear) | |
| 101 | 2752648 | NSS | Hose | |
| 102 | 2753118 | NSS | Hose | |
| 103 | 2753452 | NSS | Hose | |
| 104 | 2753459 | NSS | Hose | |
| 105 | 2753460 | NSS | Hose | |
| 106 | 2753461 | NSS | Hose | |

## FIGURE 7-5. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ)

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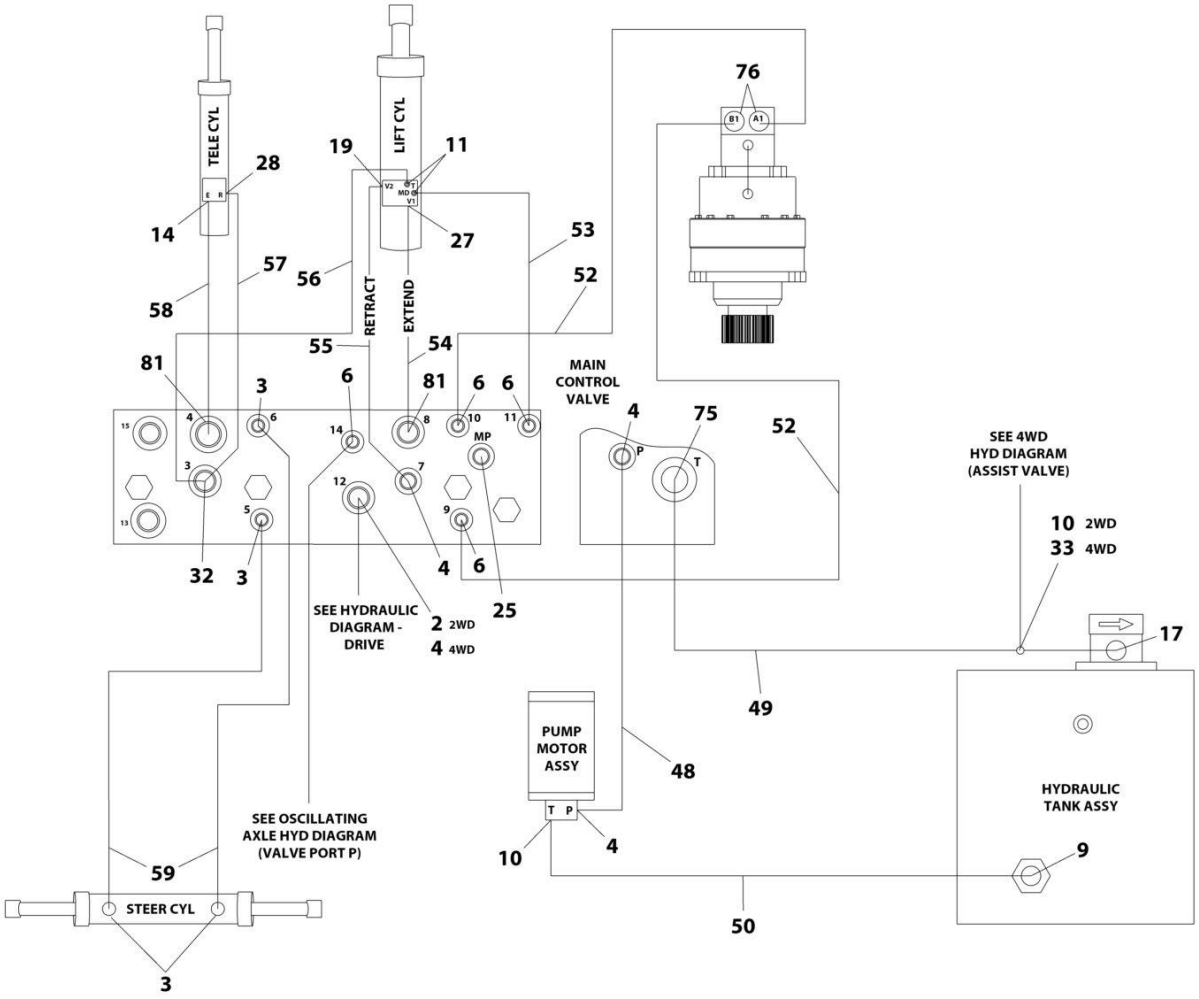
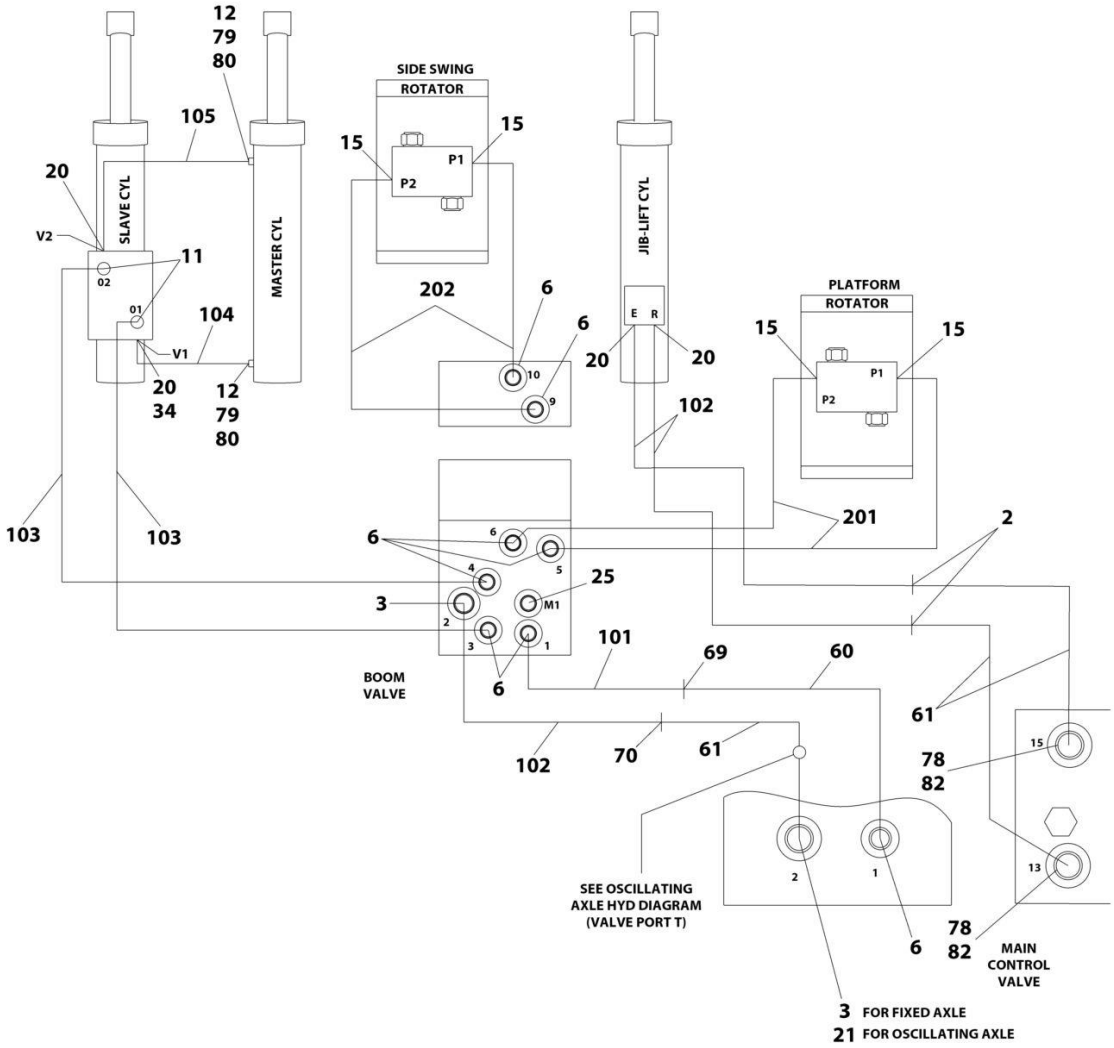

TELE CYL
LIFT CYL
RETRACT
EXTEND
MAIN CONTROL VALVE
MP
SEE HYDRAULIC DIAGRAM - DRIVE
SEE OSCILLATING AXLE HYD DIAGRAM (VALVE PORT P)
SEE 4WD HYD DIAGRAM (ASSIST VALVE)
PUMP MOTOR ASSY
HYDRAULIC TANK ASSY
STEER CYL
2 2WD
4 4WD
10 2WD
33 4WD
ART_1001220357_B_2OF2

## FIGURE 7-5. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220357 | Ref | HYDRAULIC DIAGRAM - STANDARD | B |
| 2 | 2220511 | 2 | Fitting, Straight JIC/JIC | |
| 3 | 2220371 | 7 | Fitting, Straight JIC/ORB | |
| 4 | 2220373 | 4 | Fitting, Straight JIC/ORB | |
| 6 | 2220415 | 9 | Fitting, Straight JIC/ORB | |
| 9 | 2220435 | 1 | Fitting, Straight JIC/ORB | |
| 10 | 2220451 | 1 | Fitting, Straight JIC/ORB | |
| 11 | 2220466 | 4 | Fitting, 90 JIC/ORB | |
| 12 | 2220934 | 2 | Fitting, Tee JIC/ORB/FNPTF | |
| 14 | 2220500 | 1 | Fitting, 45 JIC/ORB | |
| 15 | 2220502 | 2 | Fitting, 45 JIC/ORB | |
| 17 | 2220550 | 1 | Fitting Straight FORB/ORB | |
| 19 | 2220596 | 1 | Fitting, 90 JIC/ORB | |
| 20 | 2220603 | 4 | Fitting Straight JIC/ORB | |
| 21 | 2220606 | 1 | Fitting, Tee JIC/ORB/JIC | |
| 25 | 2221086 | 2 | Fitting, Diagnostic Test Port | |
| 27 | 2220947 | 1 | Fitting, Straight JIC/ORB | |
| 28 | 2220950 | 1 | Fitting, 45 JIC/ORB | |
| 32 | 2221061 | 1 | Fitting, Tee JIC/ORB/JIC | |
| 33 | 2221063 | 1 | Fitting, Tee JIC/ORB/JIC | |
| 34 | 4567139 | 1 | Tube | |
| 48 | 2752498 | 1 | Hose | |
| 49 | 2753441 | 1 | Hose | |
| 50 | 2753440 | 1 | Hose | |
| 52 | 2753458 | 2 | Hose | |
| 53 | 2753444 | 1 | Hose | |
| 54 | 2753456 | 1 | Hose | |
| 55 | 2753454 | 1 | Hose | |
| 56 | 2753443 | 1 | Hose | |
| 57 | 2753453 | 1 | Hose | |
| 58 | 2753455 | 1 | Hose | |
| 59 | 2753451 | 2 | Hose | |
| 60 | 2753445 | 1 | Hose | |
| 61 | 2753447 | 3 | Hose | |
| 69 | 2230031 | 1 | Fitting, 45 JIC/JIC | |
| 70 | 8770189 | 1 | Fitting, 45 JIC/JIC | |
| 75 | 2220578 | 1 | Fitting, 90 JIC/ORB | |
| 76 | 2221033 | 2 | Fitting, Straight JIC/ORB | |
| 79 | 4640861 | 2 | Fitting, Bleeder | |
| 80 | 0100020 | AR | Sealant | |
| 81 | 88662037 | 2 | Fitting, Straight JIC/ORB | |
| 82 | 2220372 | 2 | Fitting, Straight JIC/ORB | |
| 100 | 1001260908 | 1 | Kit, Hose (Upper Boom) | |
| 101 | 2753446 | NSS | Hose | |
| 102 | 2753450 | NSS | Hose | |
| 103 | 2753442 | NSS | Hose | |
| 104 | 2753448 | NSS | Hose | |
| 105 | 2753449 | NSS | Hose | |
| 200 | 1001260910 | 1 | Kit, Hose (Jib) | |
| 201 | 2753458 | NSS | Hose | |

## FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP)

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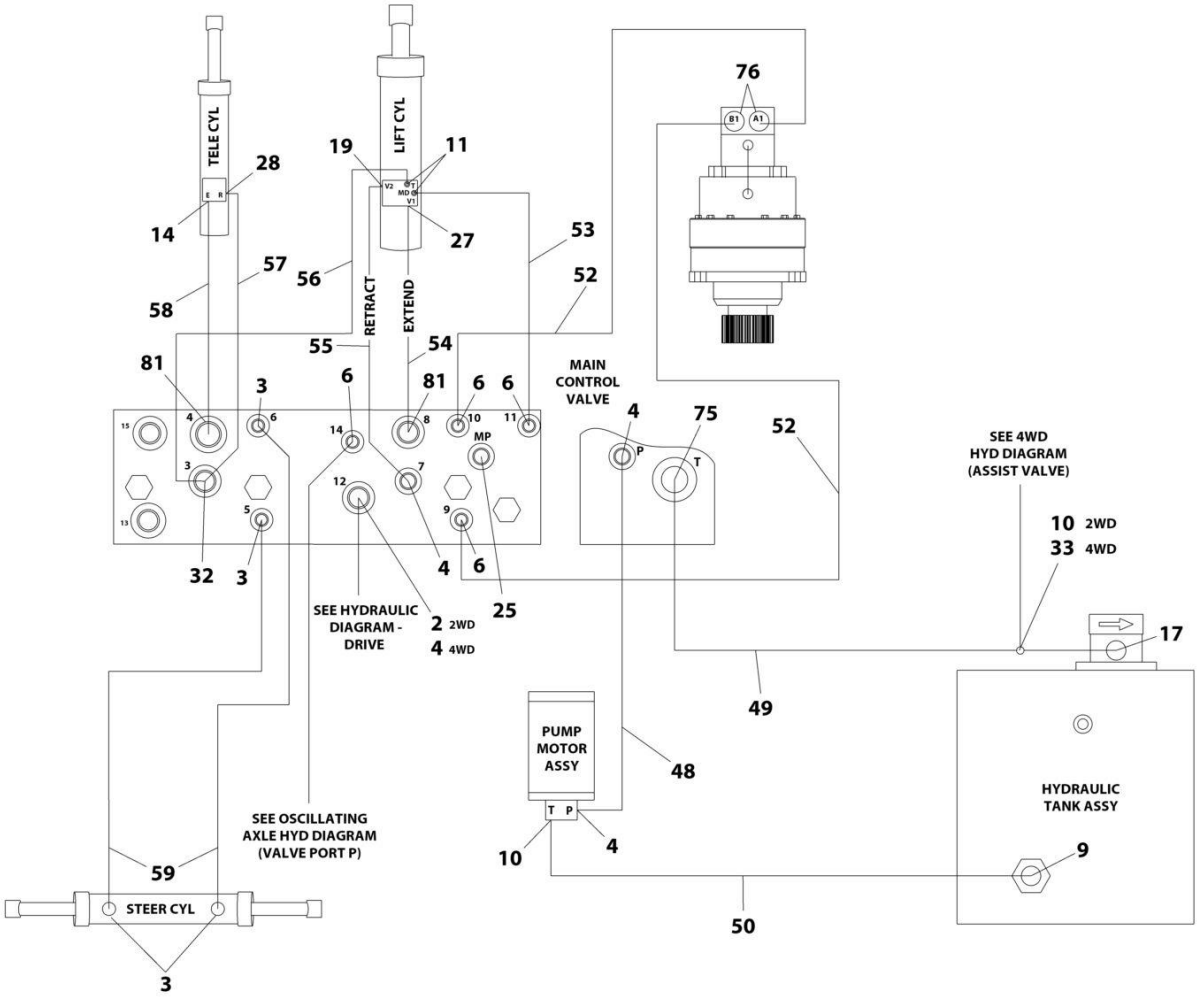


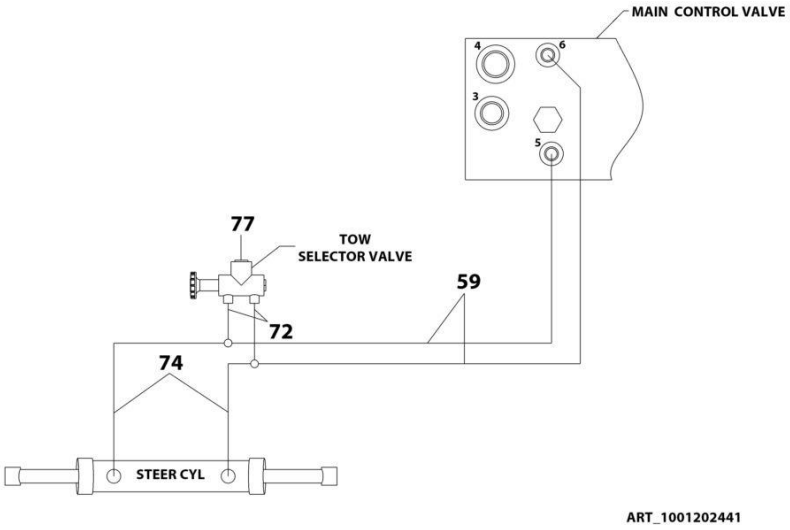

ART_1001220358_C_2OF2

## FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220358 | Ref | HYDRAULIC DIAGRAM - STANDARD | C |
| 2 | 2220511 | 2 | Fitting, Straight JIC/JIC | |
| 3 | 2220371 | 5 | Fitting, Straight JIC/ORB | |
| 4 | 2220373 | 4 | Fitting, Straight JIC/ORB | |
| 6 | 2220415 | 11 | Fitting, Straight JIC/ORB | |
| 9 | 2220435 | 1 | Fitting, Straight JIC/ORB | |
| 10 | 2220451 | 1 | Fitting, Straight JIC/ORB | |
| 11 | 2220466 | 4 | Fitting, 90 JIC/ORB | |
| 12 | 2220934 | 2 | Fitting, Tee JIC/ORB/FNPTF | |
| 14 | 2220500 | 1 | Fitting, 45 JIC/ORB | |
| 15 | 2220502 | 4 | Fitting, 45 JIC/ORB | |
| 17 | 2220550 | 1 | Fitting Straight FORB/ORB | |
| 19 | 2220596 | 1 | Fitting, 90 JIC/ORB | |
| 20 | 2220603 | 4 | Fitting Straight JIC/ORB | |
| 21 | 2220606 | 1 | Fitting, Tee JIC/ORB/JIC | |
| 25 | 2221086 | 2 | Fitting, Diagnostic Test Port | |
| 27 | 2220947 | 1 | Fitting, Straight JIC/ORB | |
| 28 | 2220950 | 1 | Fitting, 45 JIC/ORB | |
| 32 | 2221061 | 1 | Fitting, Tee JIC/ORB/JIC | |
| 33 | 2221063 | 1 | Fitting, Tee JIC/ORB/JIC | |
| 34 | 4567139 | 1 | Tube | |
| 48 | 2752498 | 1 | Hose | |
| 49 | 2753441 | 1 | Hose | |
| 50 | 2753440 | 1 | Hose | |
| 52 | 2753458 | 2 | Hose | |
| 53 | 2753444 | 1 | Hose | |
| 54 | 2753456 | 1 | Hose | |
| 55 | 2753454 | 1 | Hose | |
| 56 | 2753443 | 1 | Hose | |
| 57 | 2753453 | 1 | Hose | |
| 58 | 2753455 | 1 | Hose | |
| 59 | 2753451 | 2 | Hose | |
| 60 | 2753445 | 1 | Hose | |
| 61 | 2753447 | 3 | Hose | |
| 69 | 2230031 | 1 | Fitting, 45 JIC/JIC | |
| 70 | 8770189 | 1 | Fitting, 45 JIC/JIC | |
| 75 | 2220578 | 1 | Fitting, 90 JIC/ORB | |
| 76 | 2221033 | 2 | Fitting, Straight JIC/ORB | |
| 79 | 4640861 | 2 | Fitting, Bleeder | |
| 80 | 0100020 | AR | Sealant | |
| 81 | 88662037 | 2 | Fitting, Straight JIC/ORB | |
| 82 | 2220372 | 2 | Fitting, Straight JIC/ORB | |
| 100 | 1001260909 | 1 | Kit, Hose (Upper Boom) | |
| 101 | 2753493 | NSS | Hose | |
| 102 | 2753494 | NSS | Hose | |
| 103 | 2753492 | NSS | Hose | |
| 104 | 2753448 | NSS | Hose | |
| 105 | 2753449 | NSS | Hose | |
| 200 | 1001260911 | 1 | Kit, Hose (Jib) | |
| 201 | 2753458 | NSS | Hose | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 202 | 2753491 | NSS | Hose | |

## FIGURE 7-7. HYDRAULIC DIAGRAM - TOW

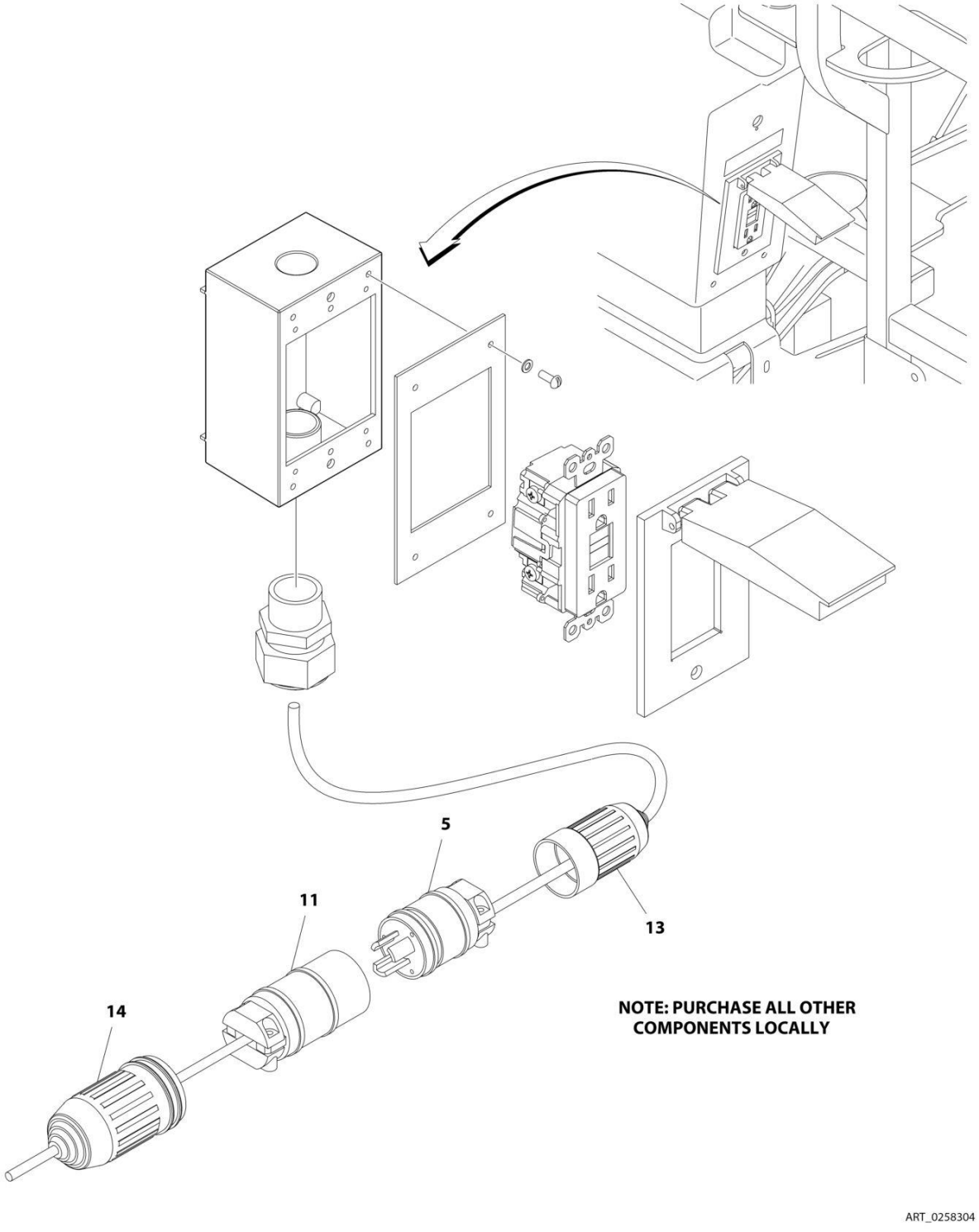


## FIGURE 7-7. HYDRAULIC DIAGRAM - TOW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202441 | Ref | TOW HYDRAULIC DIAGRAM | C |
| 59 | 2753451 | 2 | Hose | |
| 72 | 2221052 | AR | Fitting, Tee ORB-FL-FL | |
| 74 | 2753327 | 2 | Hose | |
| 77 | 2220240 | 1 | Fitting, Plug ORB | |

# SECTION 8 - ELECTRICAL

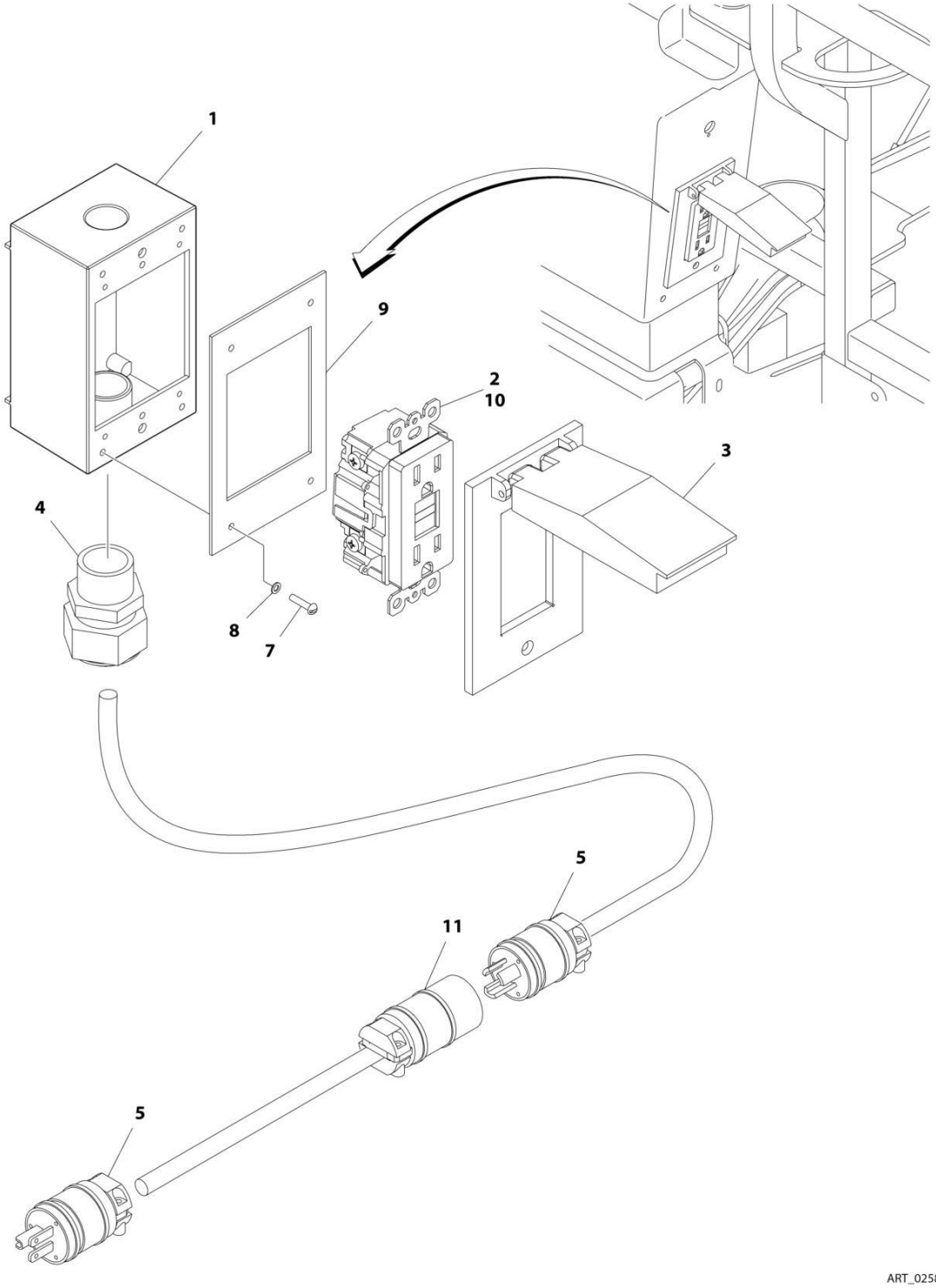
## FIGURE 8-1. AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS



## FIGURE 8-1. AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258304 | Ref | AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS | C |
| 5 | 4460709 | 1 | Plug | |
| 11 | 4460710 | 1 | Receptacle | |
| 13 | 1001156351 | 1 | Cover, Female Connector | |
| 14 | 1001156352 | 1 | Cover, Male Connector | |

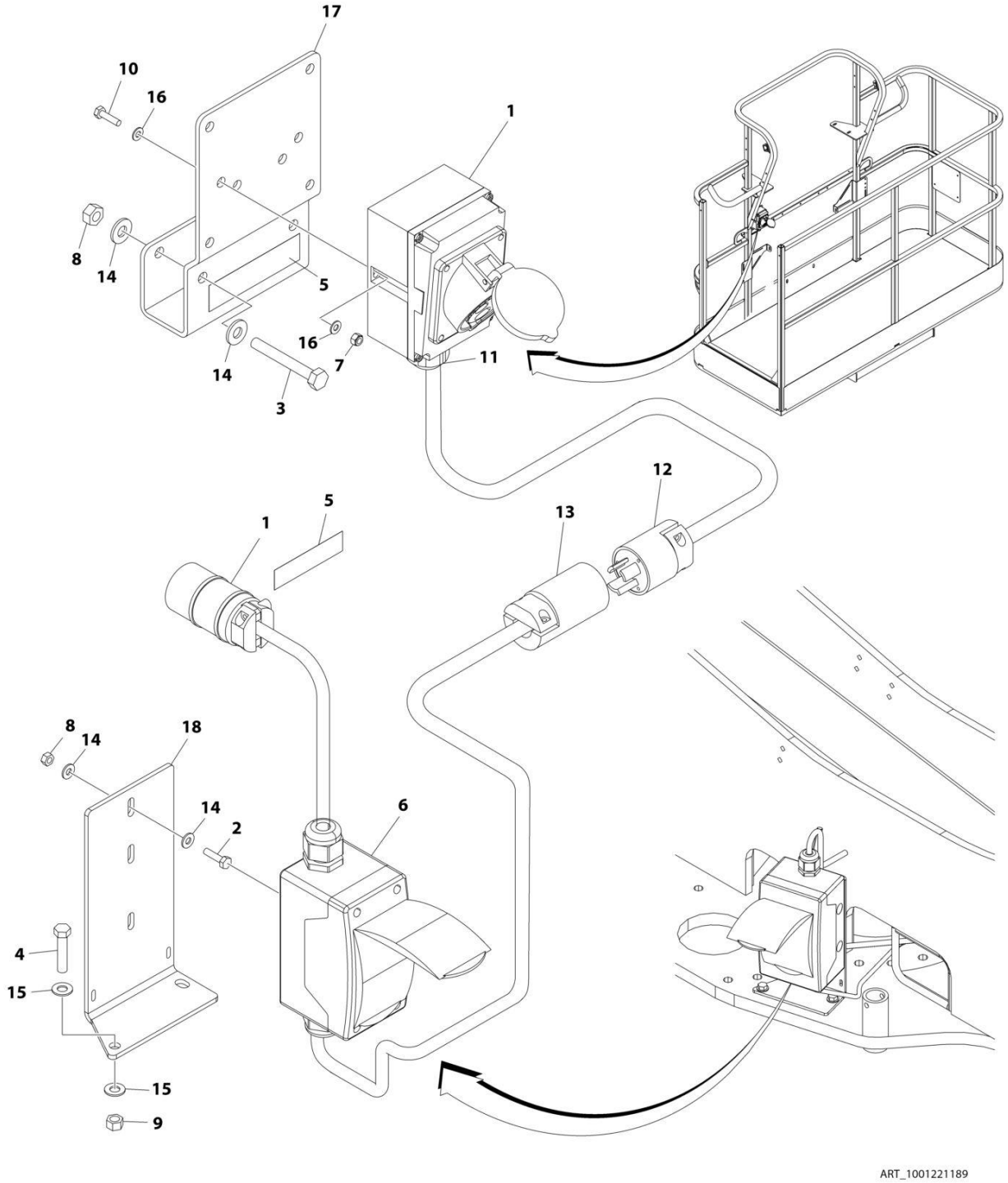
## FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



## FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258303 | Ref | AC BOX AT PLATFORM INSTALLATION - 110V - ANSI, ANSI EXPORT AND CSA SPECS | 6 |
| 1 | 0860038 | 1 | Box, Switch | |
| 2 | 4460346 | 1 | Receptacle | |
| 3 | 1001110873 | 1 | Shield, Cover | |
| 4 | 4460071 | 1 | Connector, Strain Relief | |
| 5 | 4460205 | 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 | 4460134 | 1 | Receptacle, Female | |

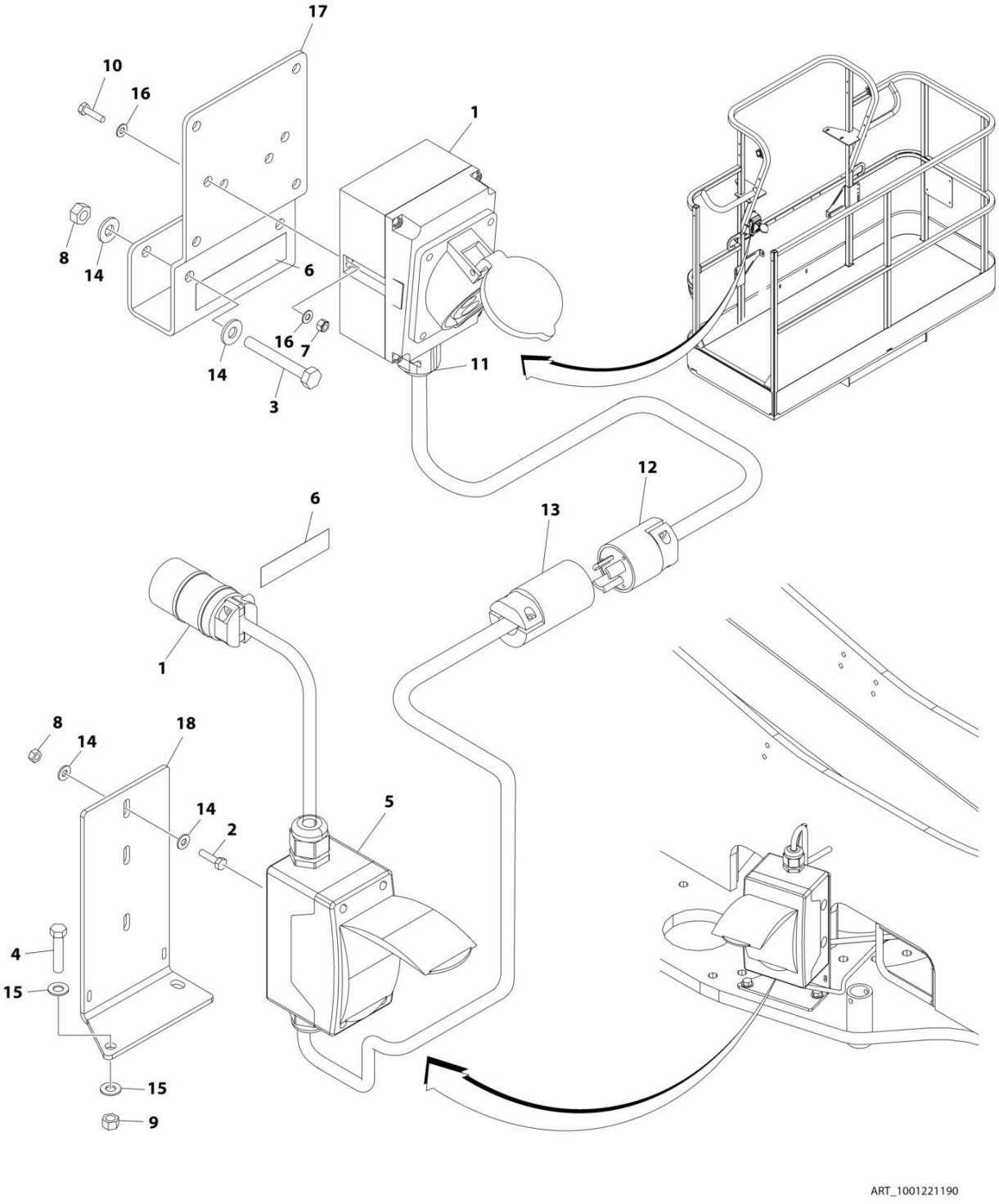
## FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)



## FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221189 | Ref | AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC) | A |
| 1 | 0275216 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 2 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 3 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 4 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 1705325 | 2 | Decal - 120V-50Hz | |
| 6 | 2902549 | 1 | Breaker Box Kit - CE & UK CA Spec (See Separate Breakdown in this Section) | |
| 7 | 3290405 | 2 | Nut M4 | |
| 8 | 3311405 | 4 | Nut 1/4 | |
| 9 | 3311605 | 2 | Nut 3/8 | |
| 10 | 4010408 | 2 | Screw M4 x 16 | |
| 11 | 4460662 | 1 | Connector, Strain Relief | |
| 12 | 4460709 | 1 | Plug, Male | |
| 13 | 4460710 | 1 | Receptacle, Female | |
| 14 | 4711400 | 8 | Washer 1/4 | |
| 15 | 4711600 | 4 | Washer 3/8 | |
| 16 | 4811400 | 4 | Washer M4 | |
| 17 | 1001193018 | 1 | Bracket | |
| 18 | 1001221130 | 1 | Bracket | |

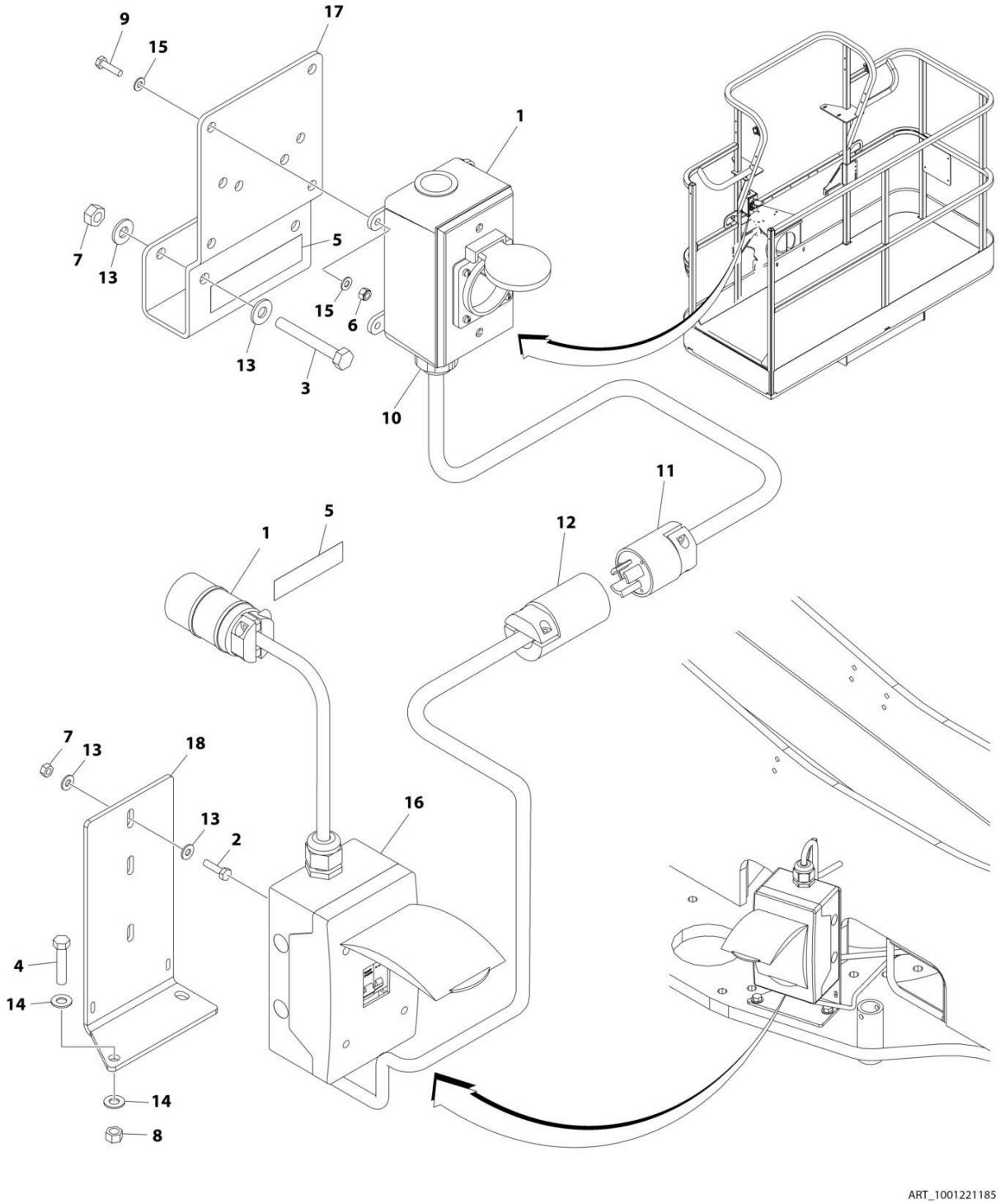
## FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)



## FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221190 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC) | A |
| 1 | 0275217 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 2 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 3 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 4 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 2902549 | 1 | Breaker Box Kit (See Separate Breakdown in this Section) | |
| 6 | 3252507 | 2 | Decal - 220V-50Hz | |
| 7 | 3290405 | 2 | Nut M4 | |
| 8 | 3311405 | 4 | Nut 1/4 | |
| 9 | 3311605 | 2 | Nut 3/8 | |
| 10 | 4010408 | 2 | Screw M4 x 16 | |
| 11 | 4460662 | 1 | Connector, Strain Relief | |
| 12 | 4460709 | 1 | Plug, Male | |
| 13 | 4460710 | 1 | Receptacle, Female | |
| 14 | 4711400 | 8 | Washer 1/4 | |
| 15 | 4711600 | 4 | Washer 3/8 | |
| 16 | 4811400 | 4 | Washer M4 | |
| 17 | 1001193018 | 1 | Bracket | |
| 18 | 1001221130 | 1 | Bracket | |

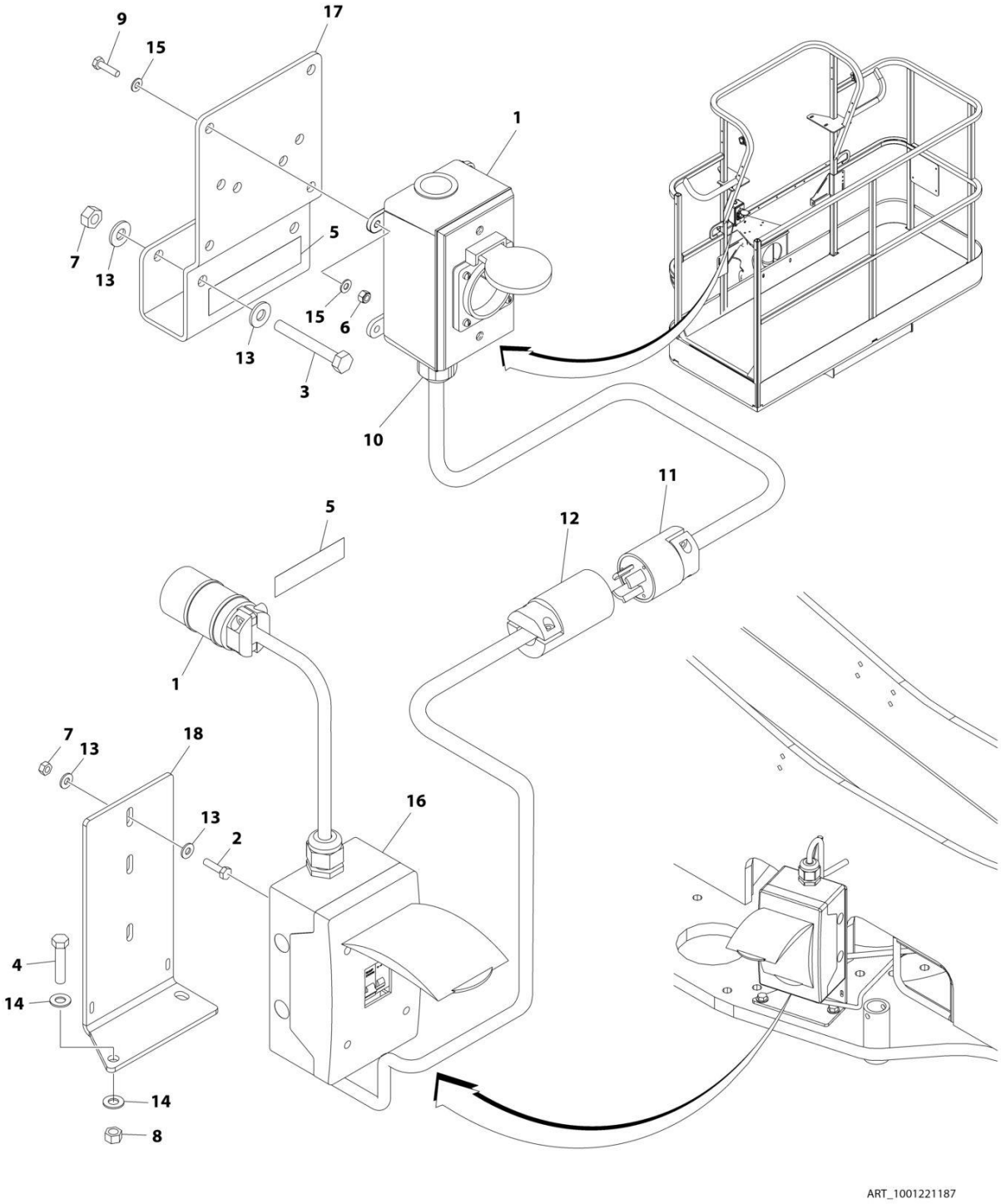
## FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)



## FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221185 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC) | A |
| 1 | 0275452 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 2 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 3 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 4 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 3252507 | 2 | Decal - Voltage | |
| 6 | 3290405 | 4 | Nut M4 | |
| 7 | 3311405 | 4 | Nut 1/4 | |
| 8 | 3311605 | 2 | Nut 3/8 | |
| 9 | 4010408 | 4 | Screw M4 x 16 | |
| 10 | 4460662 | 1 | Connector, Strain Relief | |
| 11 | 4460709 | 1 | Plug, Male | |
| 12 | 4460710 | 1 | Receptacle, Female | |
| 13 | 4711400 | 8 | Washer 1/4 | |
| 14 | 4711600 | 4 | Washer 3/8 | |
| 15 | 4811400 | 8 | Washer M4 | |
| 16 | 1001152486 | 1 | Breaker Box Kit (See Separate Breakdown in this Section) | |
| 17 | 1001193018 | 1 | Bracket | |
| 18 | 1001221130 | 1 | Bracket | |

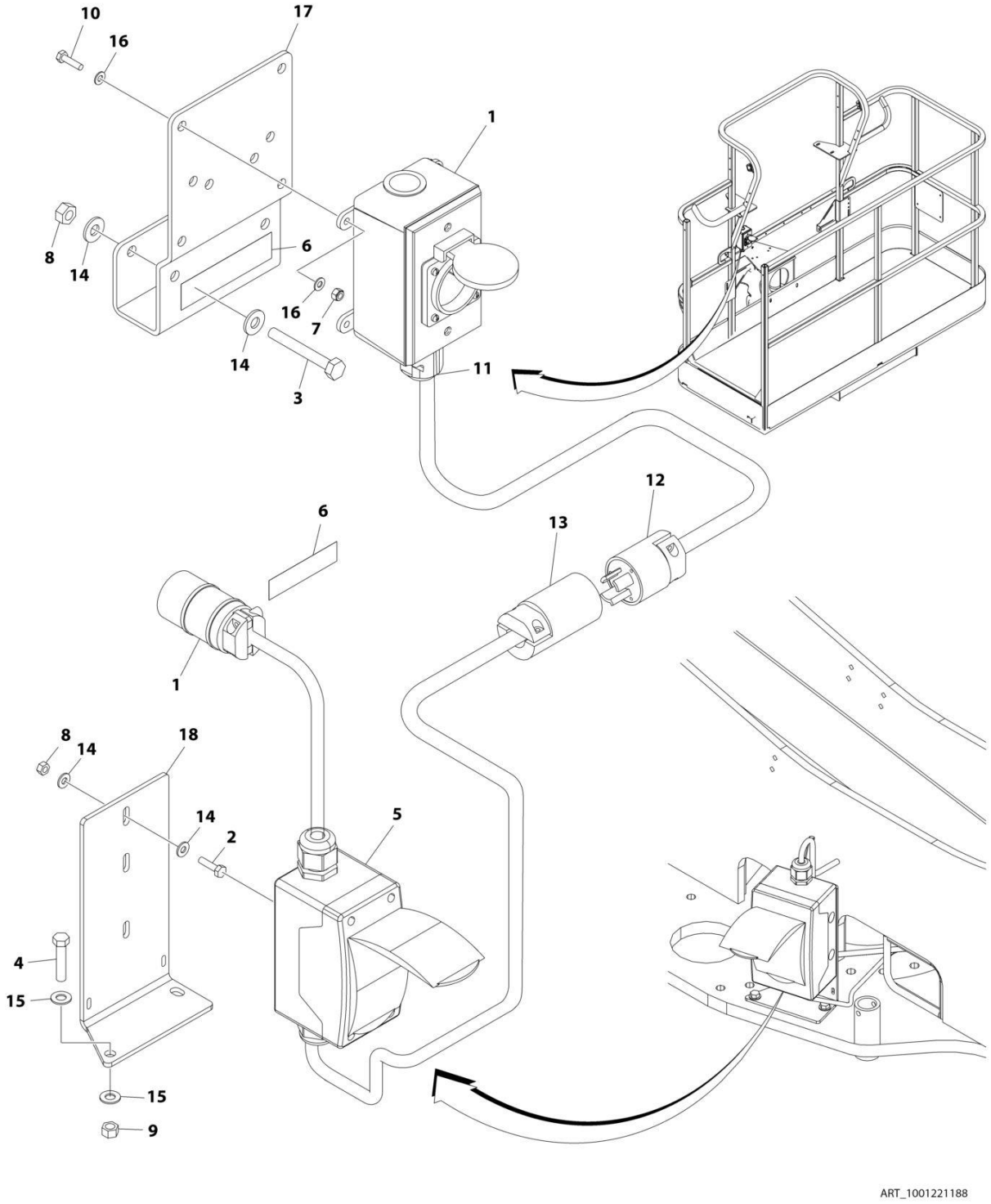
## FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)



## FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221187 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC) **(SN 0300223839 to Present)** | A |
| 1 | 0275453 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 2 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 3 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 4 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 3252507 | 2 | Decal - Voltage | |
| 6 | 3290405 | 4 | Nut M4 | |
| 7 | 3311405 | 4 | Nut 1/4 | |
| 8 | 3311605 | 2 | Nut 3/8 | |
| 9 | 4010408 | 4 | Screw M4 x 16 | |
| 10 | 4460662 | 1 | Connector, Strain Relief | |
| 11 | 4460709 | 1 | Plug, Male | |
| 12 | 4460710 | 1 | Receptacle, Female | |
| 13 | 4711400 | 8 | Washer 1/4 | |
| 14 | 4711600 | 4 | Washer 3/8 | |
| 15 | 4811400 | 8 | Washer M4 | |
| 16 | 1001152486 | 1 | Breaker Box Kit (See Separate Breakdown in this Section) | |
| 17 | 1001193018 | 1 | Bracket | |
| 18 | 1001221130 | 1 | Bracket | |

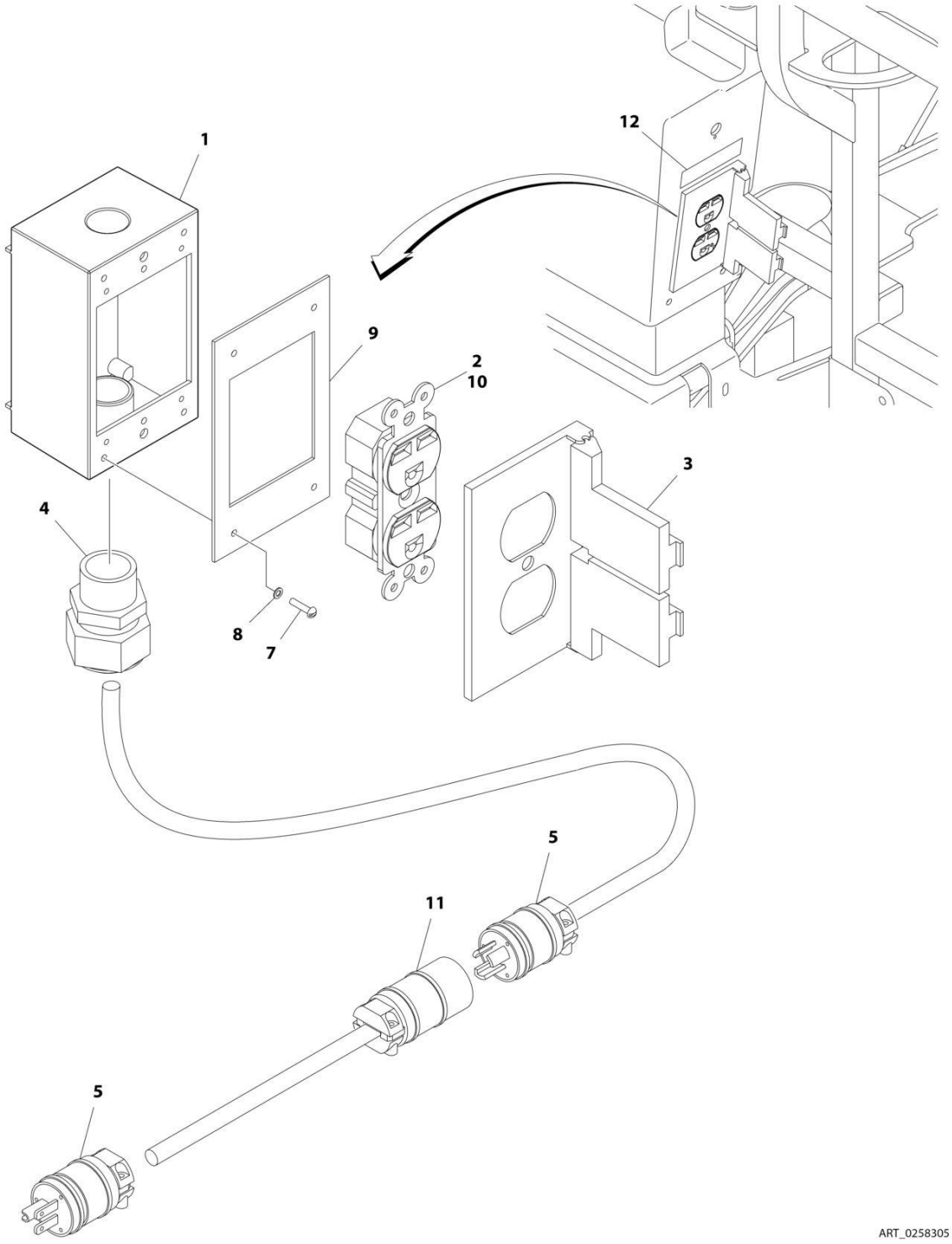
## FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX



## FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221188 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC) **(SN 0300223839 to Present)** | A |
| 1 | 0275454 | 1 | Receptacle Box Kit (See Separate Breakdown in this Section) | |
| 2 | 0641408 | 2 | Bolt 1/4 x 1 | |
| 3 | 0641416 | 2 | Bolt 1/4 x 2 | |
| 4 | 0641614 | 2 | Bolt 3/8 x 1-3/4 | |
| 5 | 2902549 | 1 | Breaker Box Kit (See Separate Breakdown in this Section) | |
| 6 | 3252507 | 2 | Decal - Voltage | |
| 7 | 3290405 | 4 | Nut M4 | |
| 8 | 3311405 | 4 | Nut 1/4 | |
| 9 | 3311605 | 2 | Nut 3/8 | |
| 10 | 4010408 | 4 | Screw M4 x 16 | |
| 11 | 4460662 | 1 | Connector, Strain Relief | |
| 12 | 4460709 | 1 | Plug, Male | |
| 13 | 4460710 | 1 | Receptacle, Female | |
| 14 | 4711400 | 8 | Washer 1/4 | |
| 15 | 4711600 | 4 | Washer 3/8 | |
| 16 | 4811400 | 8 | Washer M4 | |
| 17 | 1001193018 | 1 | Bracket | |
| 18 | 1001221130 | 1 | Bracket | |

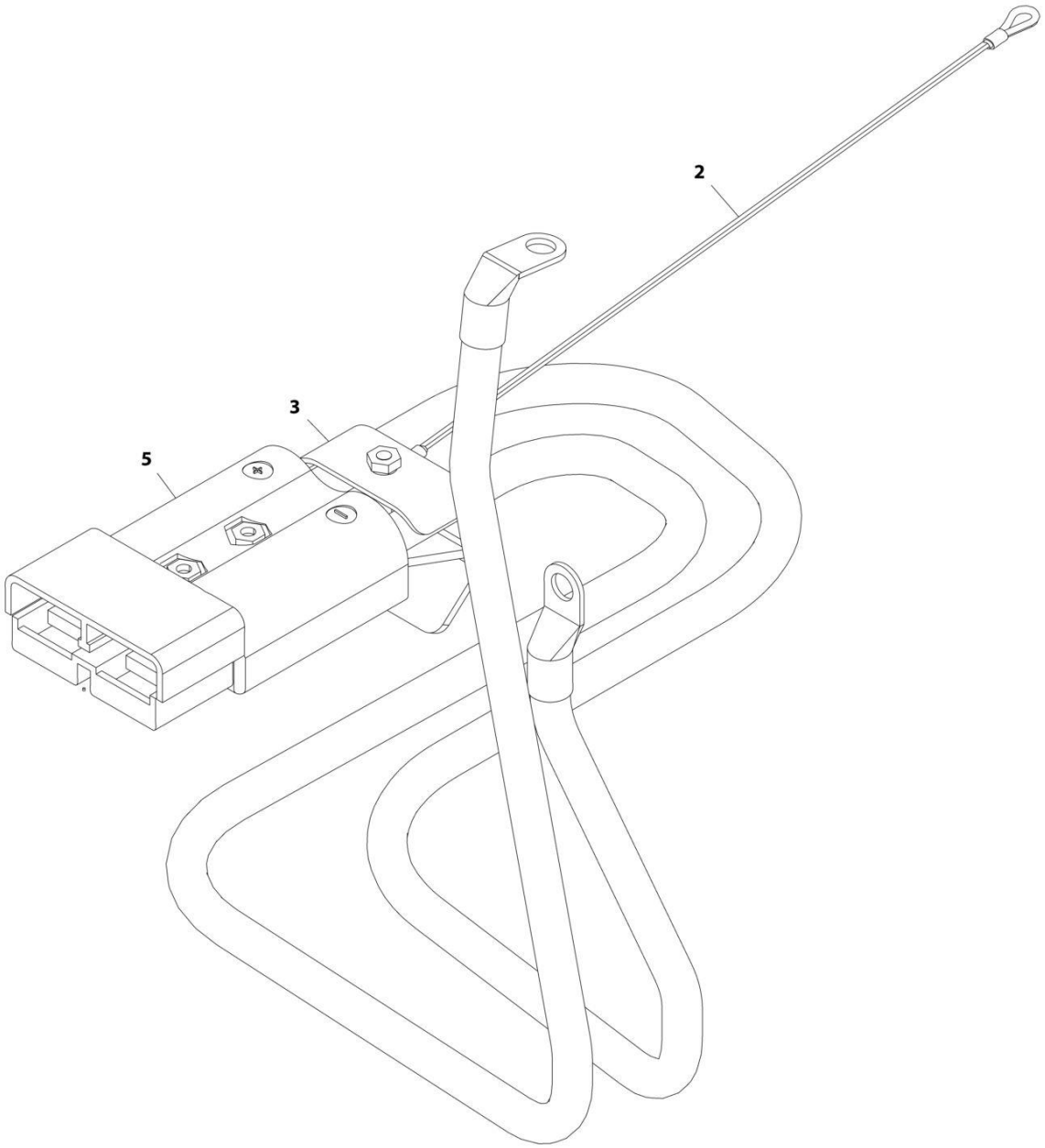
## FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS



## FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0258305 | Ref | AC BOX AT PLATFORM INSTALLATION - 220V - ANSI, ANSI EXPORT AND CSA SPECS | B |
| 1 | 0860038 | 1 | Box, Switch | |
| 2 | 4460125 | 1 | Receptacle | |
| 3 | 4060092 | 1 | Shield | |
| 4 | 4460071 | 1 | Connector, Strain Relief | |
| 5 | 4460233 | 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 | 4460701 | 1 | Receptacle, Female | |
| 12 | 3252507 | 1 | Decal - Voltage | |

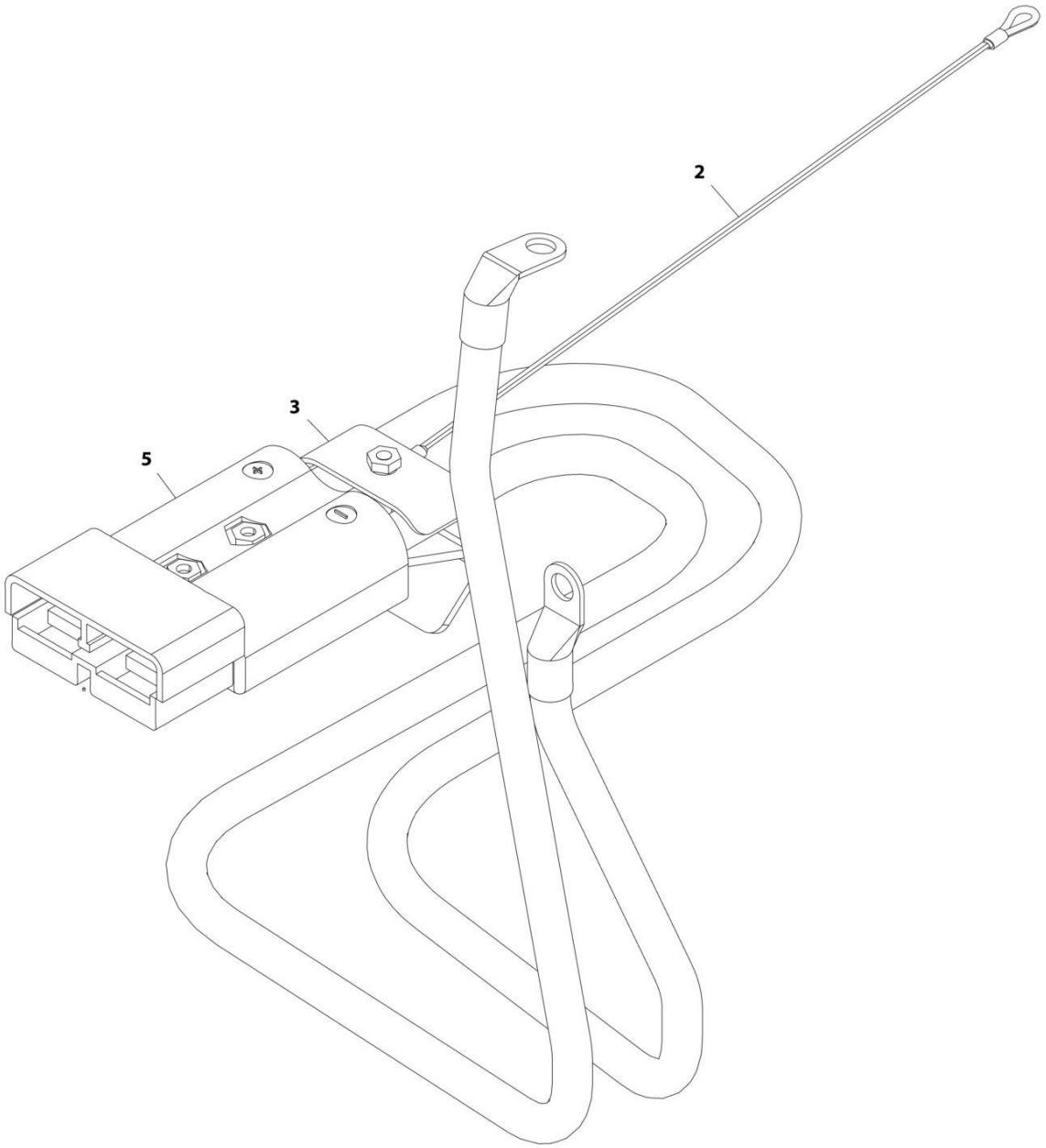
## FIGURE 8-9. BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)



## FIGURE 8-9. BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1060803 | Ref | BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES) | D |
| 2 | 1060799 | 1 | Lanyard | |
| 3 | 1320172 | 1 | Handle, Pull | |
| 5 | 4460025 | 1 | Connector | |

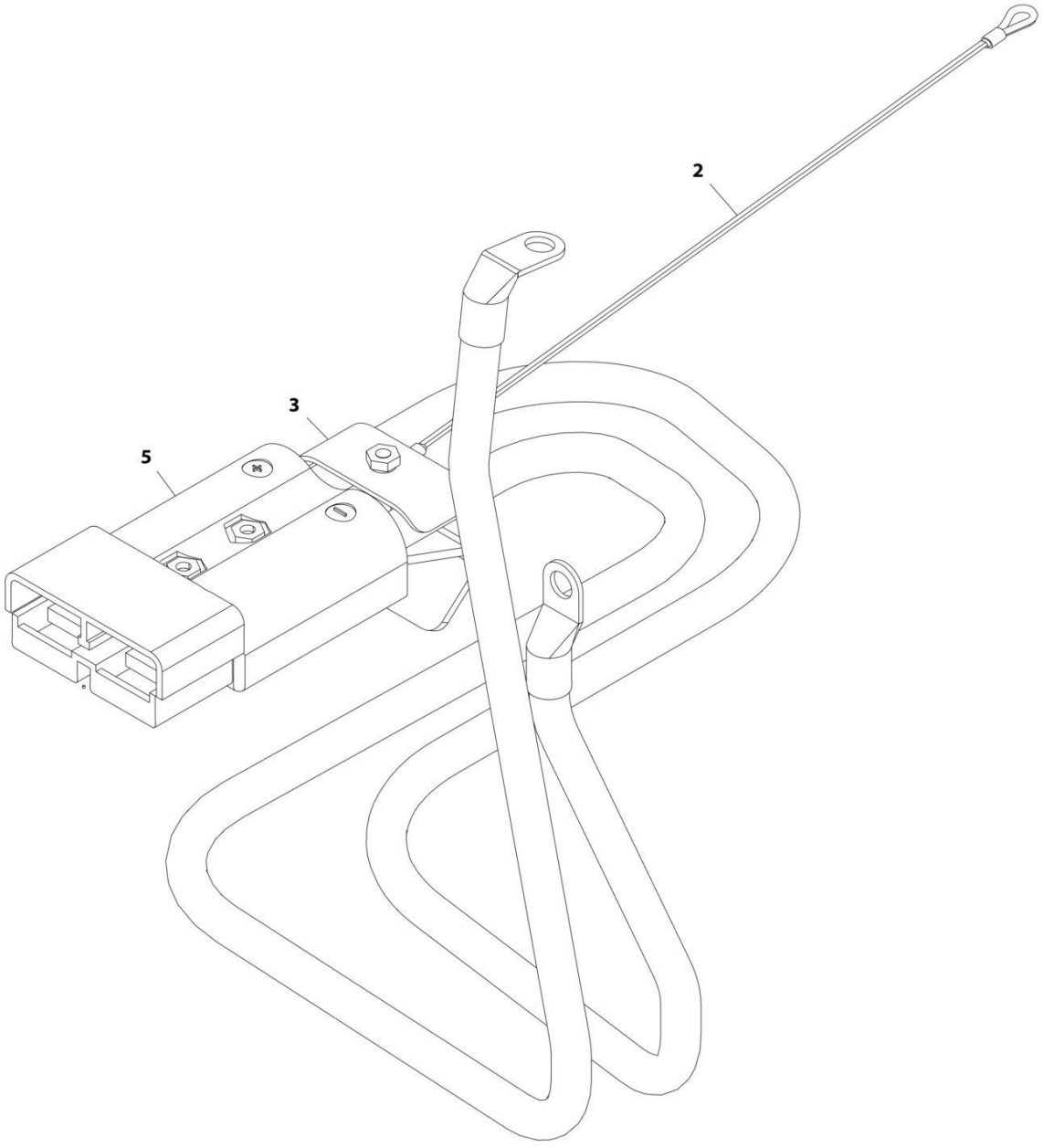
## FIGURE 8-10. BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)



## FIGURE 8-10. BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001194037 | Ref | BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES) | B |
| 2 | 1060799 | 1 | Lanyard | |
| 3 | 1320172 | 1 | Handle, Pull | |
| 5 | 4460025 | 1 | Connector | |

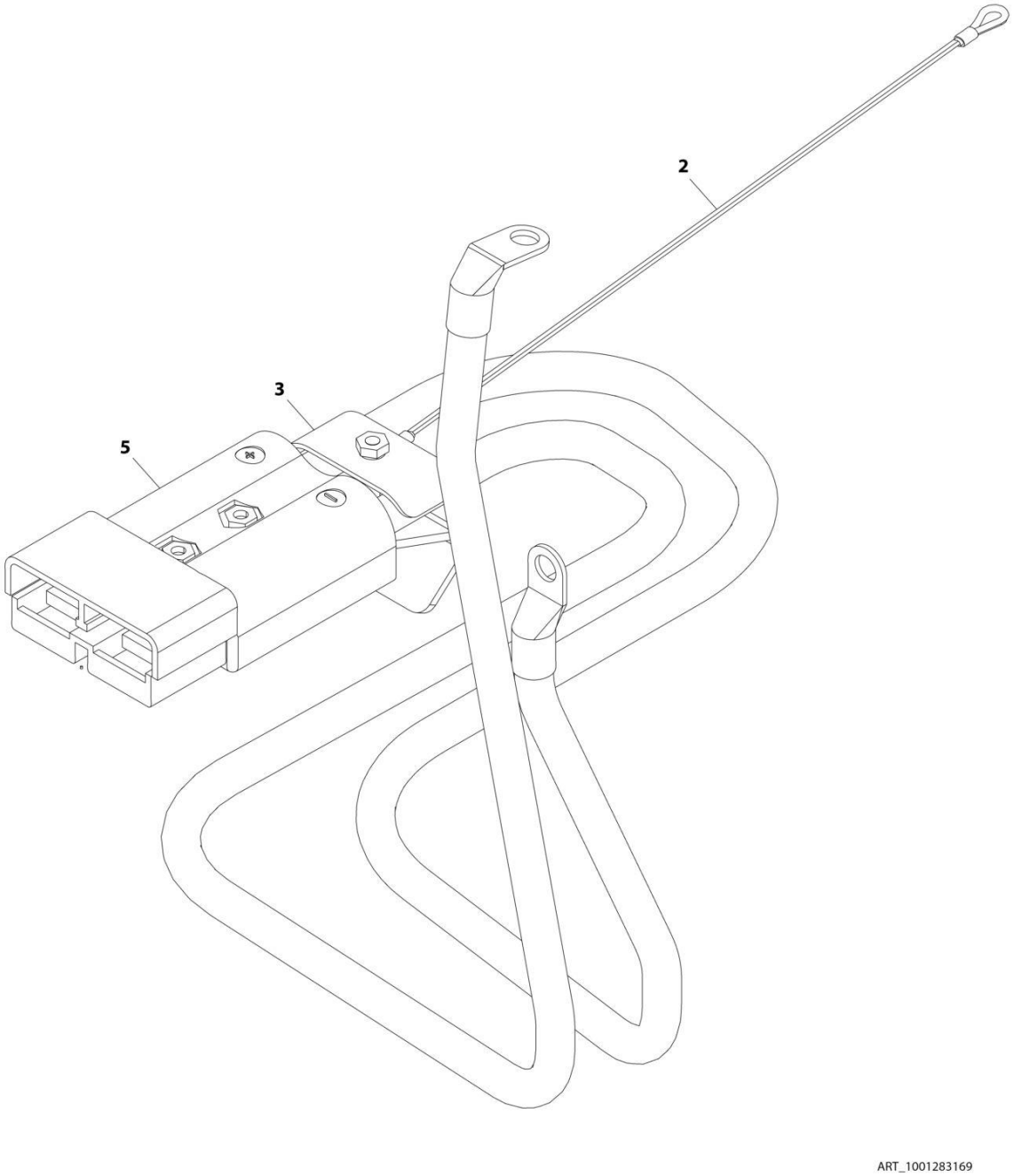
## FIGURE 8-11. BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES) (MACHINES WITH SN STARTING WITH 03)



## FIGURE 8-11. BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES) (MACHINES WITH SN STARTING WITH 03)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228857 | Ref | BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES) | A |
| 2 | 1060799 | 1 | Lanyard | |
| 3 | 1320172 | 1 | Handle, Pull | |
| 5 | 4460025 | 1 | Connector | |

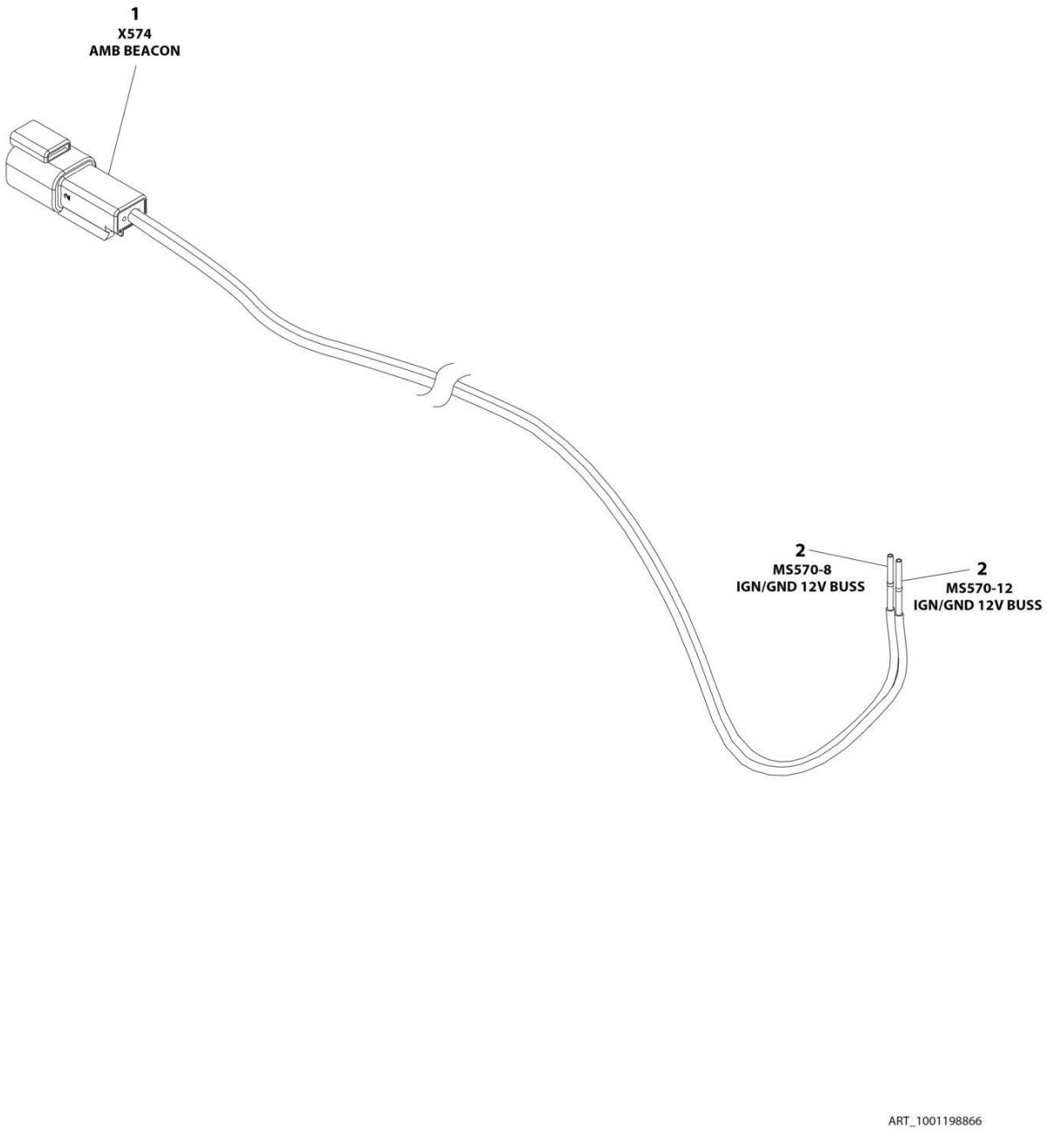
## FIGURE 8-12. BATTERY BOX CABLE ASSEMBLY - AGM BATTERIES (MACHINES WITH SN STARTING WITH B3)



## FIGURE 8-12. BATTERY BOX CABLE ASSEMBLY - AGM BATTERIES (MACHINES WITH SN STARTING WITH B3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001283169 | Ref | BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES) | A |
| 2 | 1060799 | 1 | Lanyard | |
| 3 | 1320172 | 1 | Handle, Pull | |
| 5 | 4460025 | 1 | Connector | |

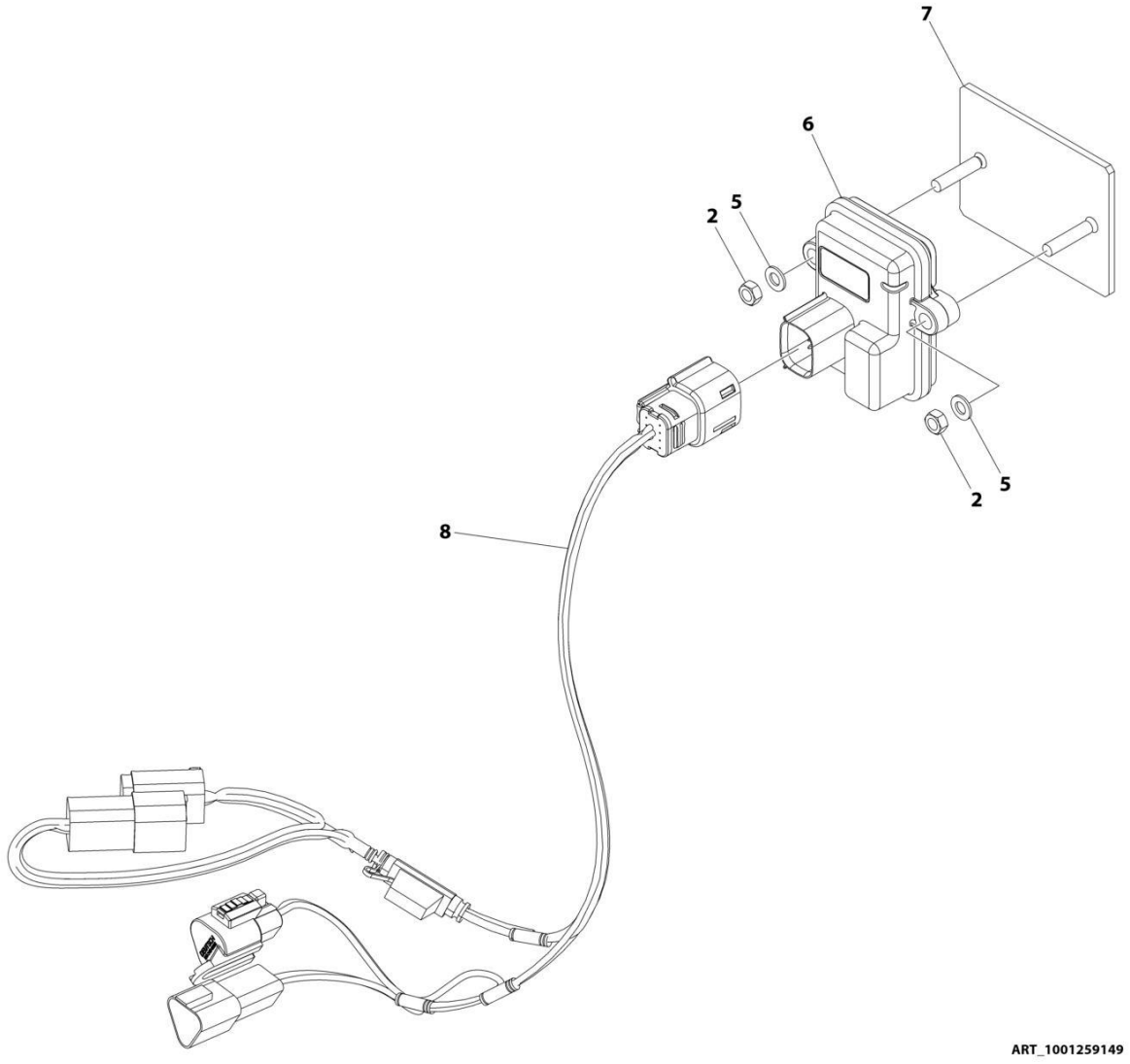
## FIGURE 8-13. BEACON LIGHT HARNESS (AMBER BEACON ONLY)



## FIGURE 8-13. BEACON LIGHT HARNESS (AMBER BEACON ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001198866 | Ref | BEACON LIGHT HARNESS (AMBER BEACON ONLY) | D |
| 1 | 4460897 | 1 | Connector - 2 Position | |
| 1 | 4460464 | 2 | Socket, Female | |
| 2 | 4460464 | 2 | Socket, Female | |

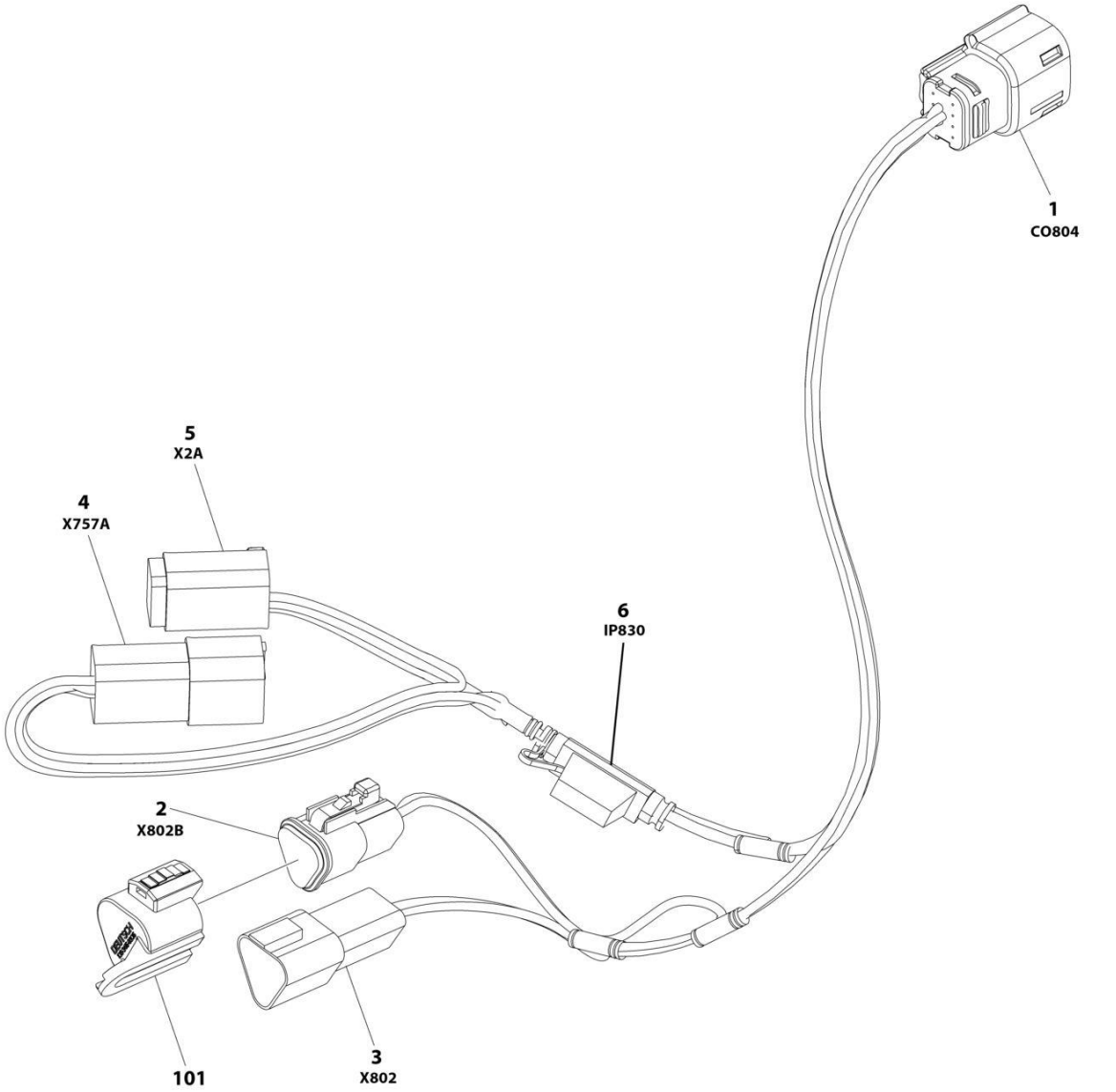
## FIGURE 8-14. BLUETOOTH MODULE INSTALLATION



## FIGURE 8-14. BLUETOOTH MODULE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259149 | Ref | BLUETOOTH MODULE INSTALLATION | B |
| 2 | 3290501 | 2 | Nut M5 | |
| 5 | 4811600 | 2 | Washer 5mm | |
| 6 | 1001245293 | 1 | Module, Bluetooth Control | |
| 7 | 1001259155 | 1 | Bracket, Module Mounting | |
| 8 | 1001260414 | 1 | Harness, Bluetooth Module (See Separate Breakdown in this Section) | |

## FIGURE 8-15. BLUETOOTH MODULE HARNESS



## FIGURE 8-15. BLUETOOTH MODULE HARNESS

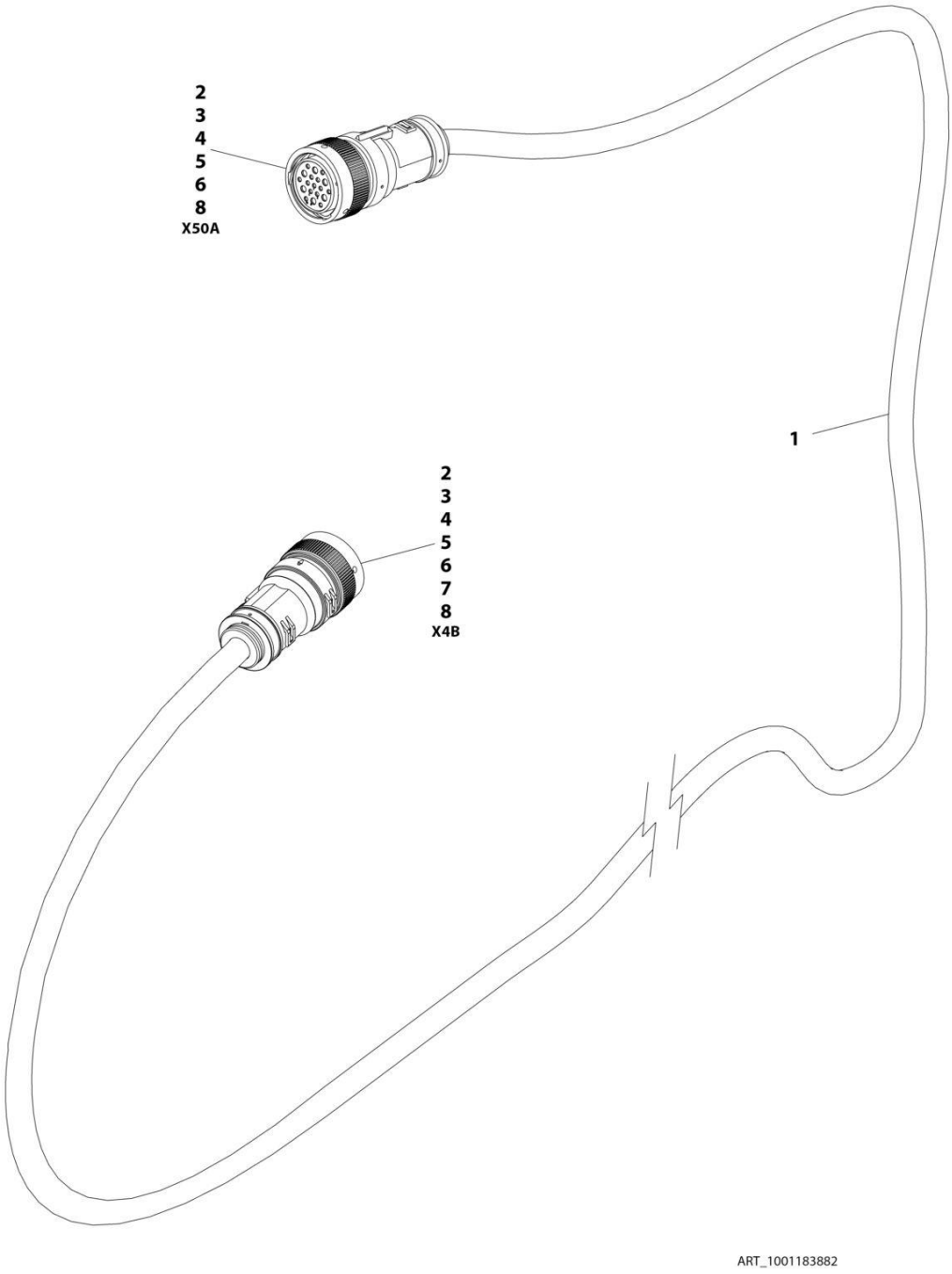
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001260414 | Ref | BLUETOOTH MODULE HARNESS | B |
| 1 | 1001205409 | 1 | Connector | |
| 1 | 1001162887 | 4 | Terminal | |
| 1 | 1001163340 | 4 | Plug | |
| 2 | 1001116812 | 1 | Connector | |
| 2 | 4460944 | 2 | Socket | |
| 2 | 4460466 | 1 | Plug | |
| 3 | 1001144147 | 1 | Connector | |
| 3 | 4460943 | 2 | Pin | |
| 3 | 4460466 | 1 | Plug | |
| 4 | 4460932 | 1 | Connector | |
| 4 | 4460464 | 4 | Pin | |
| 5 | 4460884 | 1 | Connector | |
| 5 | 4460465 | 4 | Socket | |
| 6 | 2400060 | 1 | Fuse Holder | |
| 6 | 1001196635 | 1 | Fuse, 3 Amp | |
| 101 | 1001144296 | 1 | Dust Cap | |

## FIGURE 8-16. BOOM TRANSPORT HARNESS (CE & UK CA SPECS ONLY)

## FIGURE 8-16. BOOM TRANSPORT HARNESS (CE & UK CA SPECS ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201329 | Ref | BOOM TRANSPORT HARNESS | D |
| 1 | 4460891 | 2 | Connector - 2 Position | |
| 1 | 4460465 | 4 | Socket, Female | |
| 2 | 1001187681 | 1 | Connector - 2 Position | |
| 2 | 4460464 | 2 | Pin, Male | |

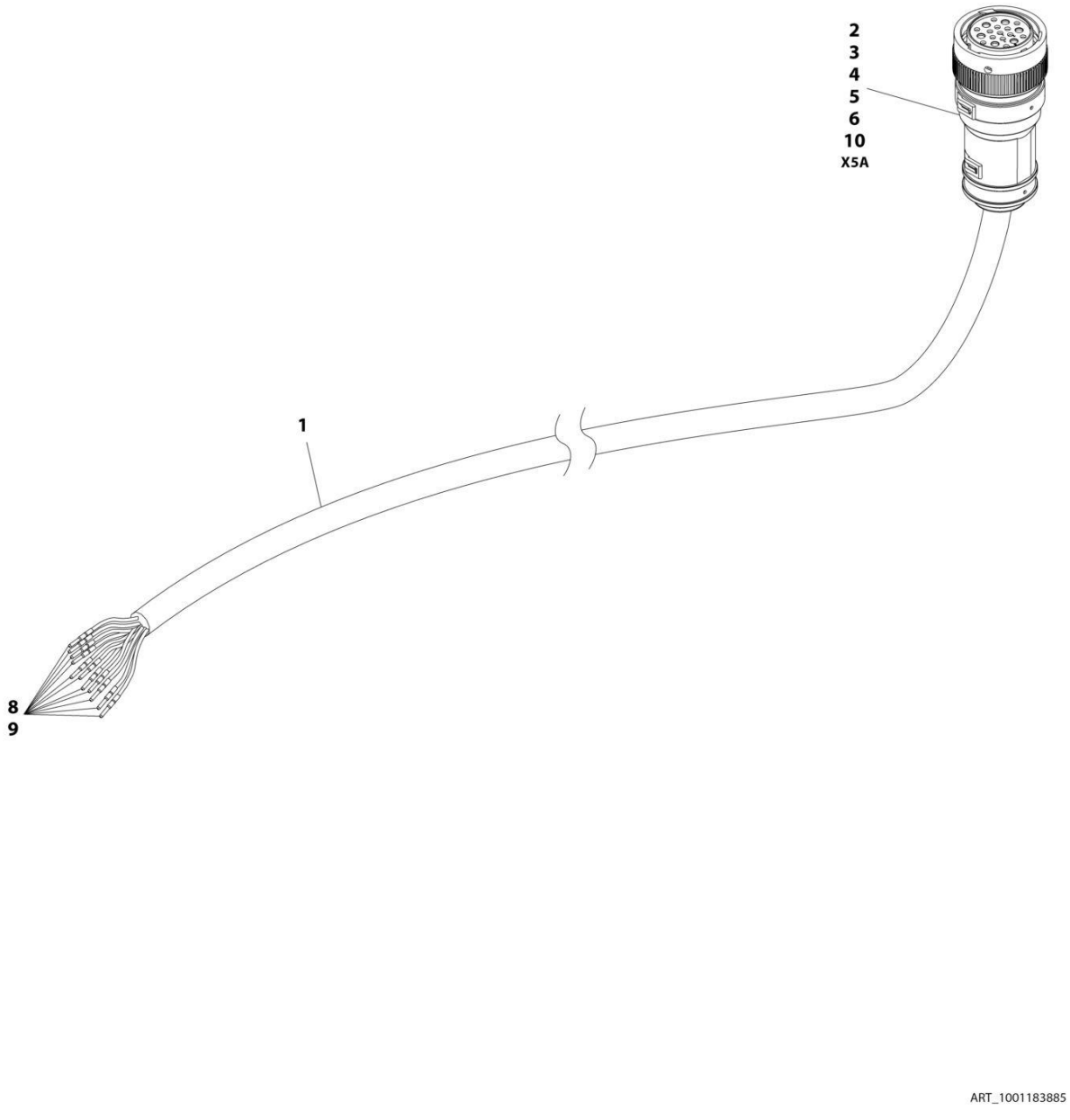
## FIGURE 8-17. BOOM CABLE - LOWER



## FIGURE 8-17. BOOM CABLE - LOWER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183882 | Ref | LOWER BOOM CABLE | C |
| 1 | 1060896 | 20 ft/6.1m | Cable, Electrical | |
| 2 | 1001188292 | AR | Connector - 19 Position | |
| 3 | 1001188291 | AR | Connector, Backshell | |
| 4 | 4460465 | 22 | Socket, Female | |
| 5 | 4460509 | 8 | Socket, Female | |
| 6 | 4460466 | AR | Plug, Seal | |
| 7 | 2820118 | 6 in/ 15.3cm | Heat Shrink | |
| 8 | 1001188354 | AR | Grommet | |
| 9 | 4240033 | AR | Tie-Strap (Not Shown) | |

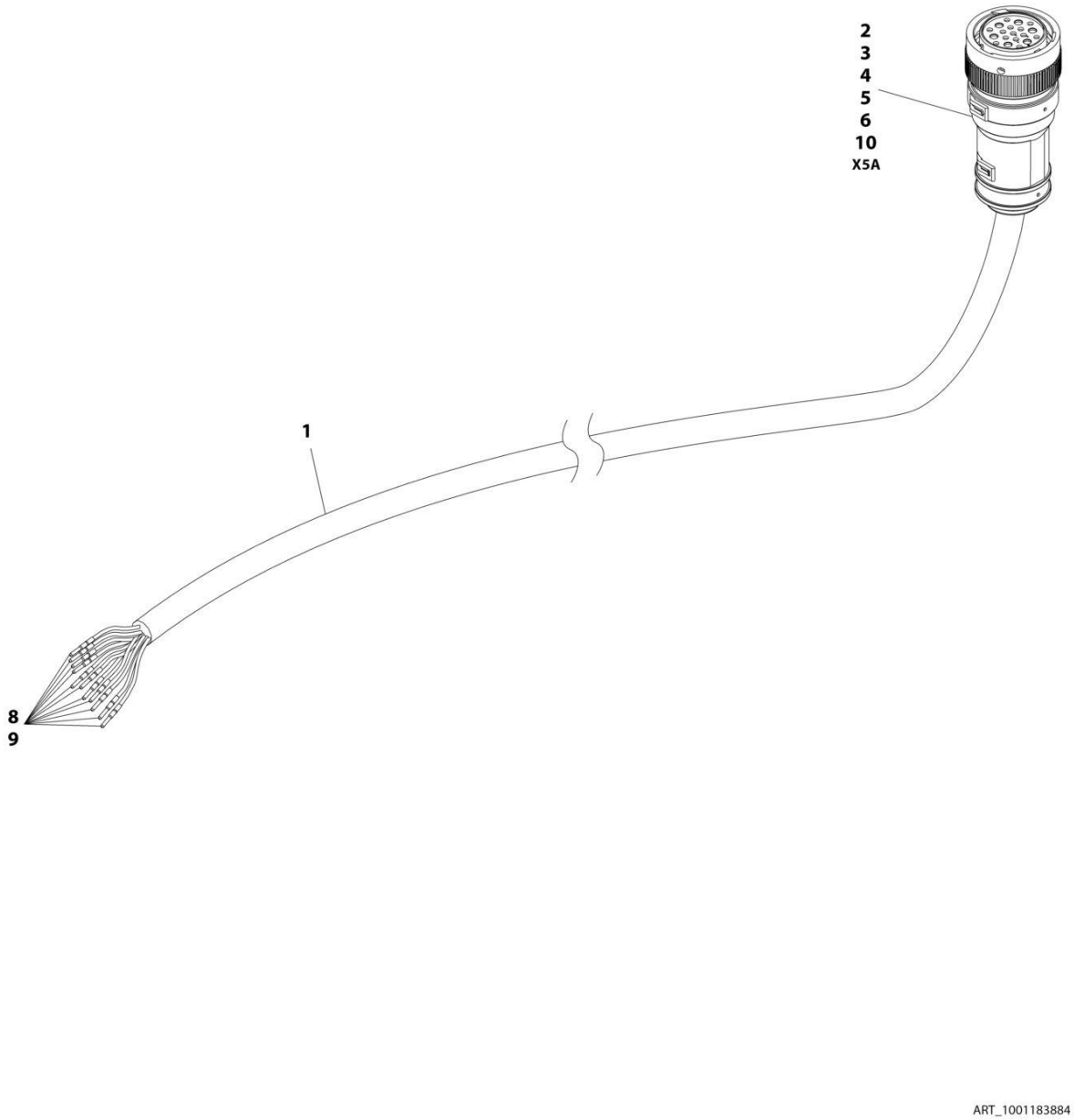
## FIGURE 8-18. BOOM CABLE - UPPER (EC600SJ/H600SJ)



## FIGURE 8-18. BOOM CABLE - UPPER (EC600SJ/H600SJ)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183885 | Ref | UPPER BOOM CABLE (E600J/M600J) | B |
| 1 | 1060896 | 53.5 ft /16.3m | Cable, Electrical | |
| 2 | 1001188292 | 1 | Connector - 19 Position | |
| 3 | 1001188291 | 1 | Connector, Backshell | |
| 4 | 4460465 | 11 | Socket, Female | |
| 5 | 4460509 | 4 | Socket, Female | |
| 6 | 4460466 | 4 | Plug, Seal | |
| 8 | 4460464 | 11 | Pin, Male | |
| 9 | 4460508 | 4 | Pin, Male | |
| 10 | 1001188354 | 1 | Grommet | |
| 11 | 4240033 | 2 | Tie-Strap (Not Shown) | |

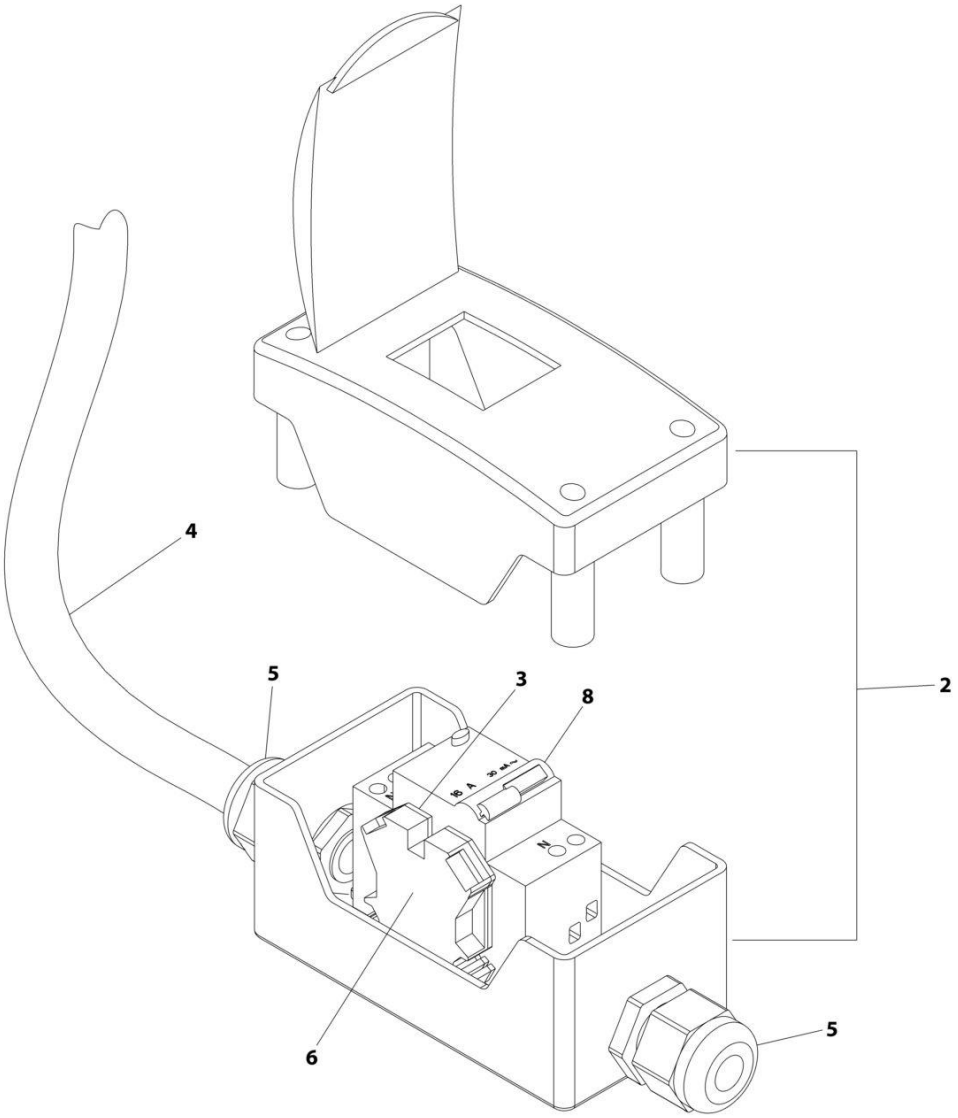
## FIGURE 8-19. BOOM CABLE - UPPER (EC600SJP/H600SJP)



## FIGURE 8-19. BOOM CABLE - UPPER (EC600SJP/H600SJP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183884 | Ref | UPPER BOOM CABLE (E600JP/M600JP) | B |
| 1 | 1060896 | 54.5 ft /16.6m | Cable, Electrical | |
| 2 | 1001188292 | 1 | Connector - 19 Position | |
| 3 | 1001188291 | 1 | Connector, Backshell | |
| 4 | 4460465 | 11 | Socket, Female | |
| 5 | 4460509 | 4 | Socket, Female | |
| 6 | 4460466 | 4 | Plug, Seal | |
| 8 | 4460464 | 11 | Pin, Male | |
| 9 | 4460508 | 4 | Pin, Male | |
| 10 | 1001188354 | 1 | Grommet | |
| 11 | 4240033 | 2 | Tie-Strap (Not Shown) | |

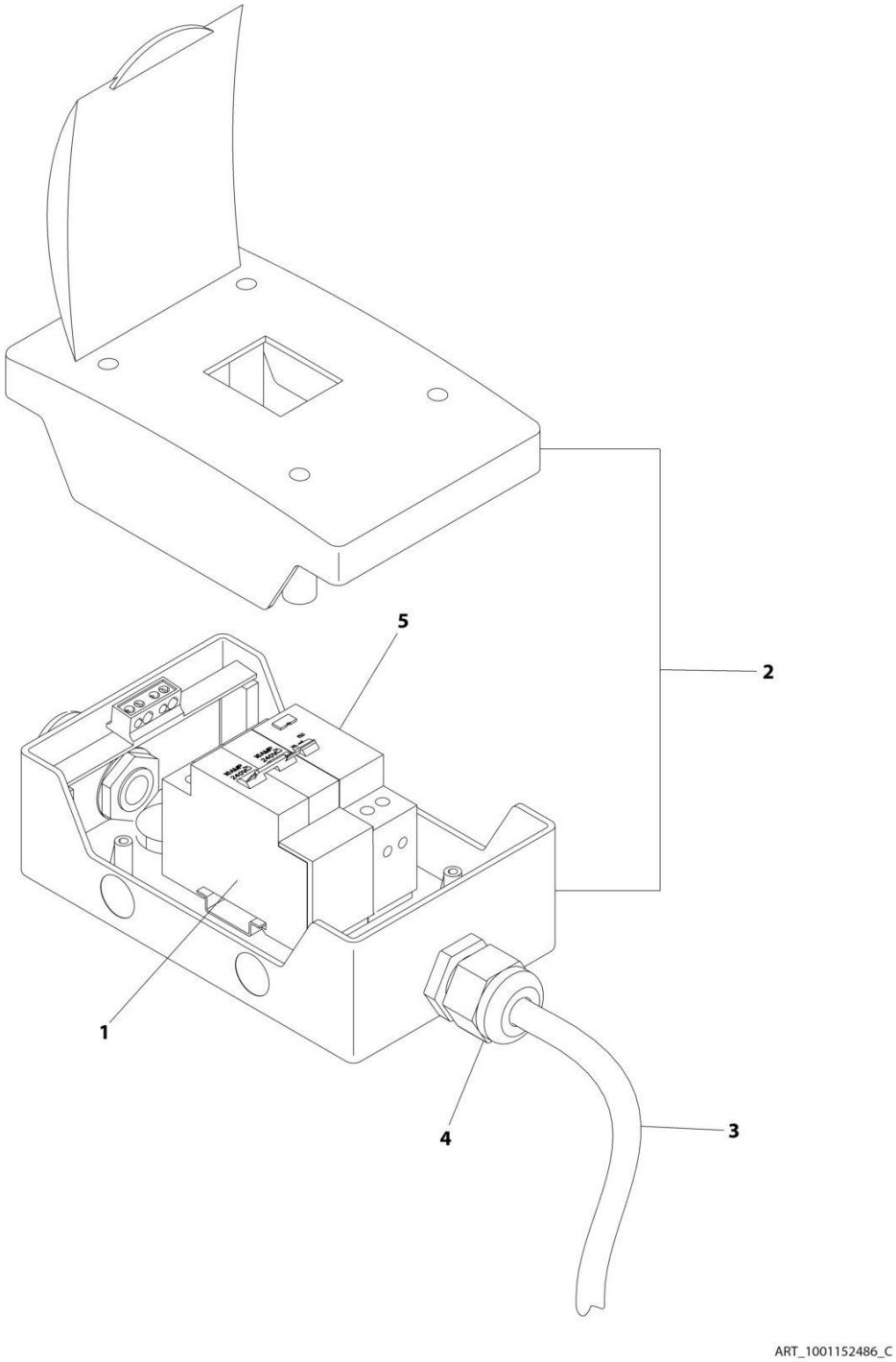
## FIGURE 8-20. BREAKER BOX KIT WITH ONE BREAKER - CE & UK CA SPEC



## FIGURE 8-20. BREAKER BOX KIT WITH ONE BREAKER - CE & UK CA SPEC

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2902549 | Ref | BREAKER BOX KIT | F |
| 2 | 0861880 | 1 | Box | |
| 3 | 4460956 | 1 | Barrier, Terminal | |
| 4 | 1060908 | 6 ft/1.8m | Cable, 12/3 | |
| 5 | 1001097150 | 2 | Connector, Strain Relief | |
| 6 | 4460957 | 1 | Block, Terminal | |
| 8 | 1001181045 | 1 | Breaker, 16Amp | |

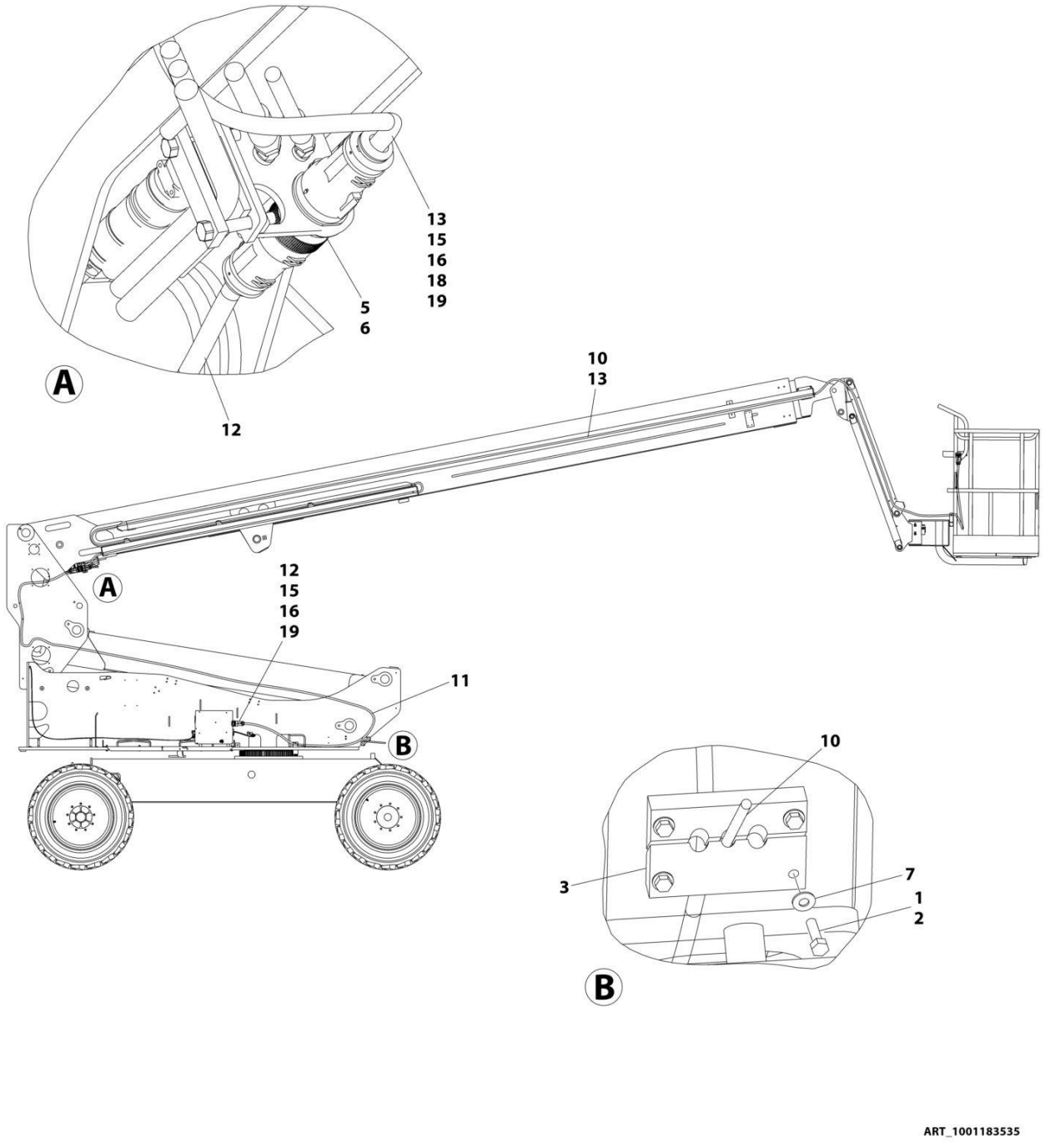
## FIGURE 8-21. BREAKER BOX KIT WITH TWO BREAKERS - CE & UK CA SPEC



## FIGURE 8-21. BREAKER BOX KIT WITH TWO BREAKERS - CE & UK CA SPEC

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001152486 | Ref | BREAKER BOX KIT | C |
| 1 | 1001189172 | 1 | Breaker, 16 Amp (Double) | |
| 2 | 1001152483 | 1 | Box | |
| 3 | 1060908 | 12 ft/ 3.66m | Cable, 12/3 | |
| 4 | 1001097150 | 1 | Connector, Strain Relief | |
| 5 | 1001189171 | 1 | Breaker, 30mA | |

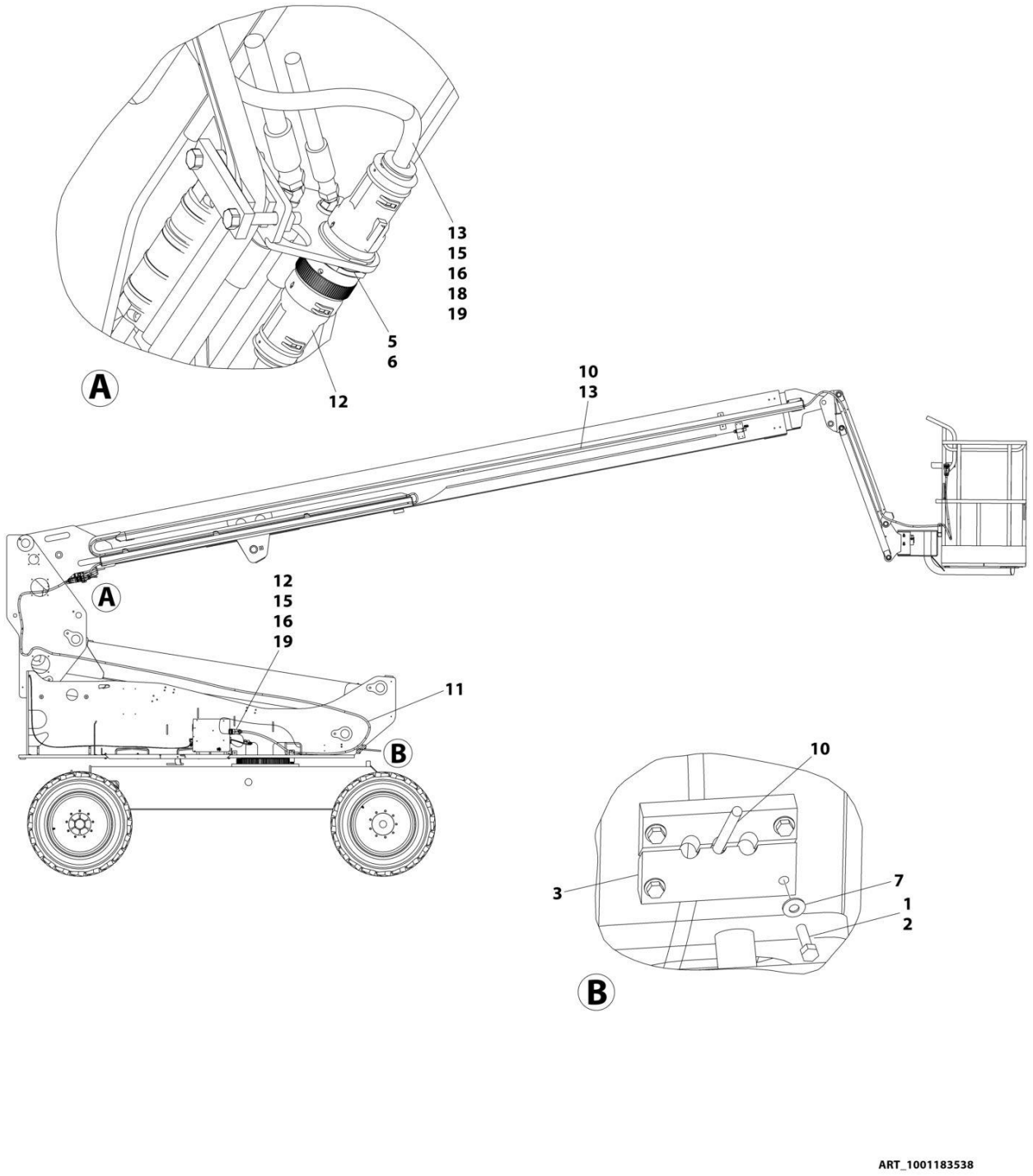
## FIGURE 8-22. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



## FIGURE 8-22. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183535 | Ref | CABLES AND CLAMPS INSTALLATION (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS) | D |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 3 | 1320256 | 1 | Clamp, Block | |
| 5 | 1001205044 | 1 | Washer | |
| 6 | 1001205043 | 1 | Nut | |
| 7 | 4711600 | 4 | Washer 3/8 | |
| 10 | 4922937 | 1 | Cable, 12/3 | |
| 11 | 4922938 | 1 | Cable, 12/3 | |
| 12 | 1001183882 | 1 | Boom Cable - Lower (See Separate Breakdown in this Section) | |
| 13 | 1001183885 | 1 | Boom Cable - Upper (See Separate Breakdown in this Section) | |
| 14 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 15 | 4460466 | AR | Plug, Seal | |
| 16 | 1001188291 | AR | Connector, Backshell | |
| 18 | 1001188293 | 1 | Connector - 19 Position | |
| 19 | 1001188354 | AR | Grommet | |

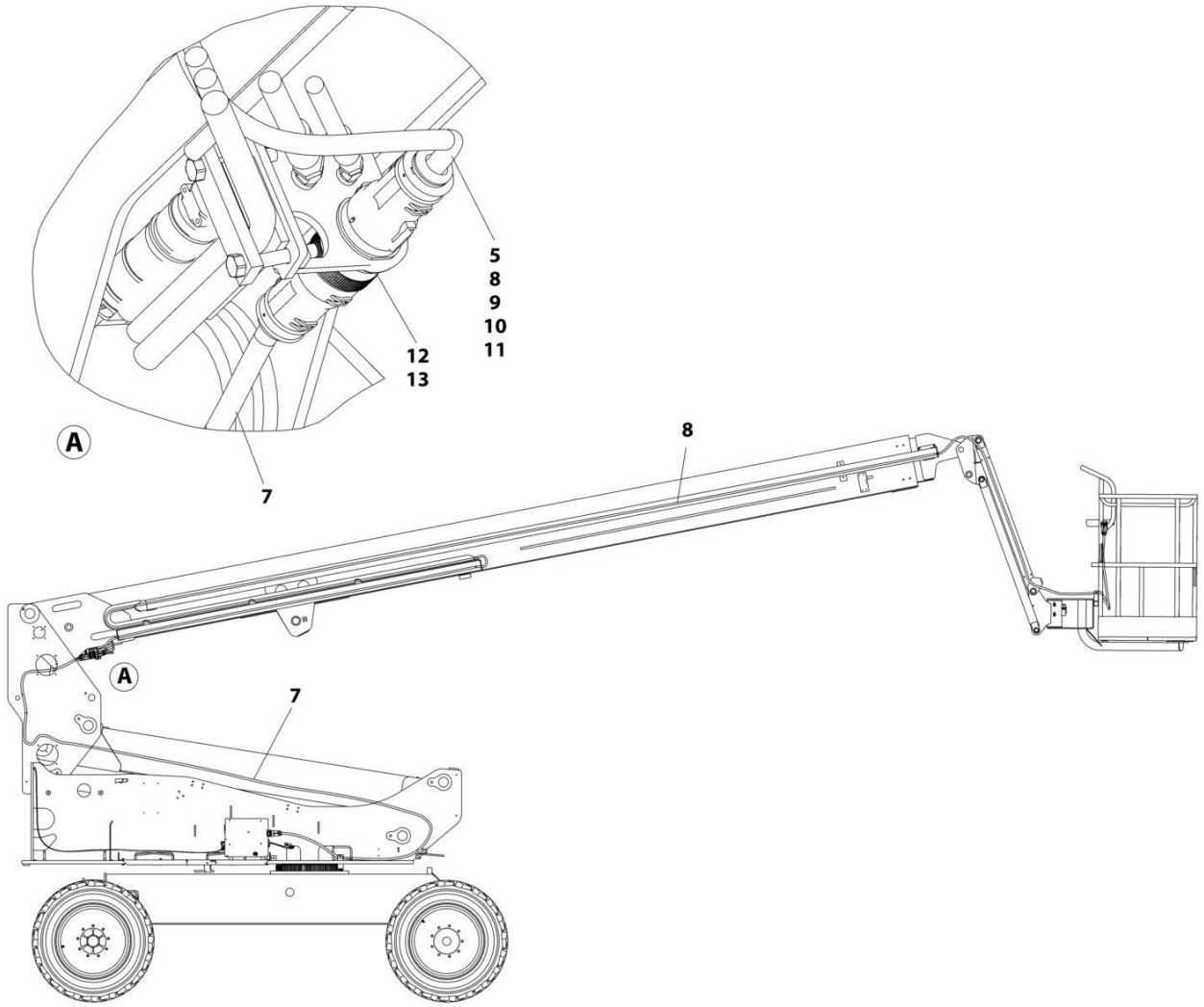
## FIGURE 8-23. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (CE & UK CA SPECS)



## FIGURE 8-23. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183538 | Ref | CABLES AND CLAMPS INSTALLATION | D |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 3 | 1320256 | 1 | Clamp, Block | |
| 5 | 1001205044 | 1 | Washer | |
| 6 | 1001205043 | 1 | Nut | |
| 7 | 4711600 | 4 | Washer 3/8 | |
| 10 | 4922939 | 1 | Cable, 12/3 | |
| 11 | 4922940 | 1 | Cable, 12/3 | |
| 12 | 1001183882 | 1 | Boom Cable - Lower (See Separate Breakdown in this Section) | |
| 13 | 1001183885 | 1 | Boom Cable - Upper (See Separate Breakdown in this Section) | |
| 14 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 15 | 4460466 | AR | Plug, Seal | |
| 16 | 1001188291 | AR | Connector, Backshell | |
| 18 | 1001188293 | 1 | Connector - 19 Position | |
| 19 | 1001188354 | AR | Grommet | |

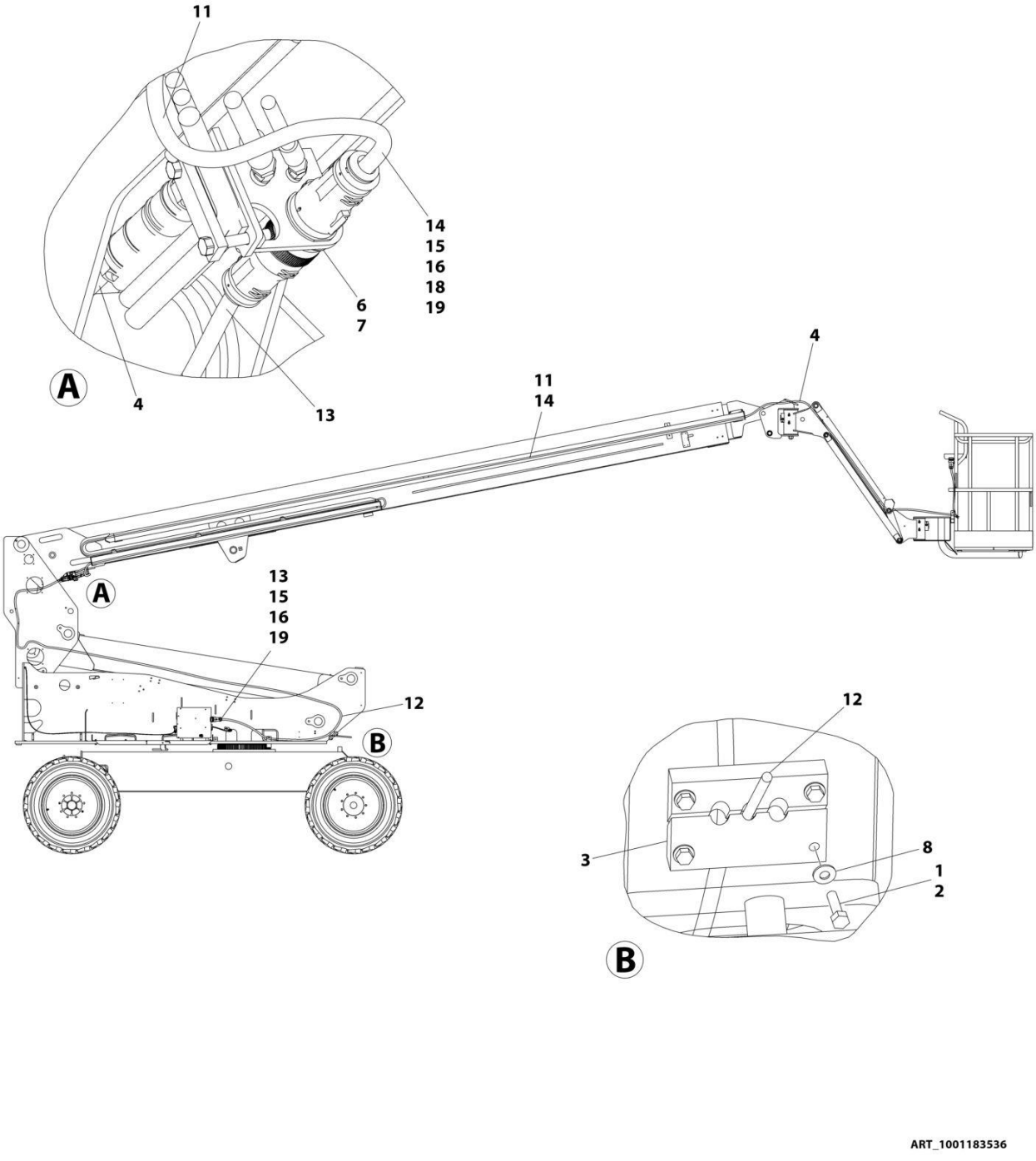
## FIGURE 8-24. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJ) (CHINA SPECS)



## FIGURE 8-24. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJ) (CHINA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281442 | Ref | CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJ) (CHINA SPECS) | B |
| 4 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 5 | 4460466 | 4 | Plug, Seal | |
| 7 | 1001183882 | 1 | Boom Cable - Lower (See Separate Breakdown in this Section) | |
| 8 | 1001183885 | 1 | Boom Cable - Upper (See Separate Breakdown in this Section) | |
| 9 | 1001188291 | AR | Connector, Backshell | |
| 10 | 1001188293 | 1 | Connector - 19 Position | |
| 11 | 1001188354 | AR | Grommet | |
| 12 | 1001205043 | 1 | Nut | |
| 13 | 1001205044 | 1 | Washer | |

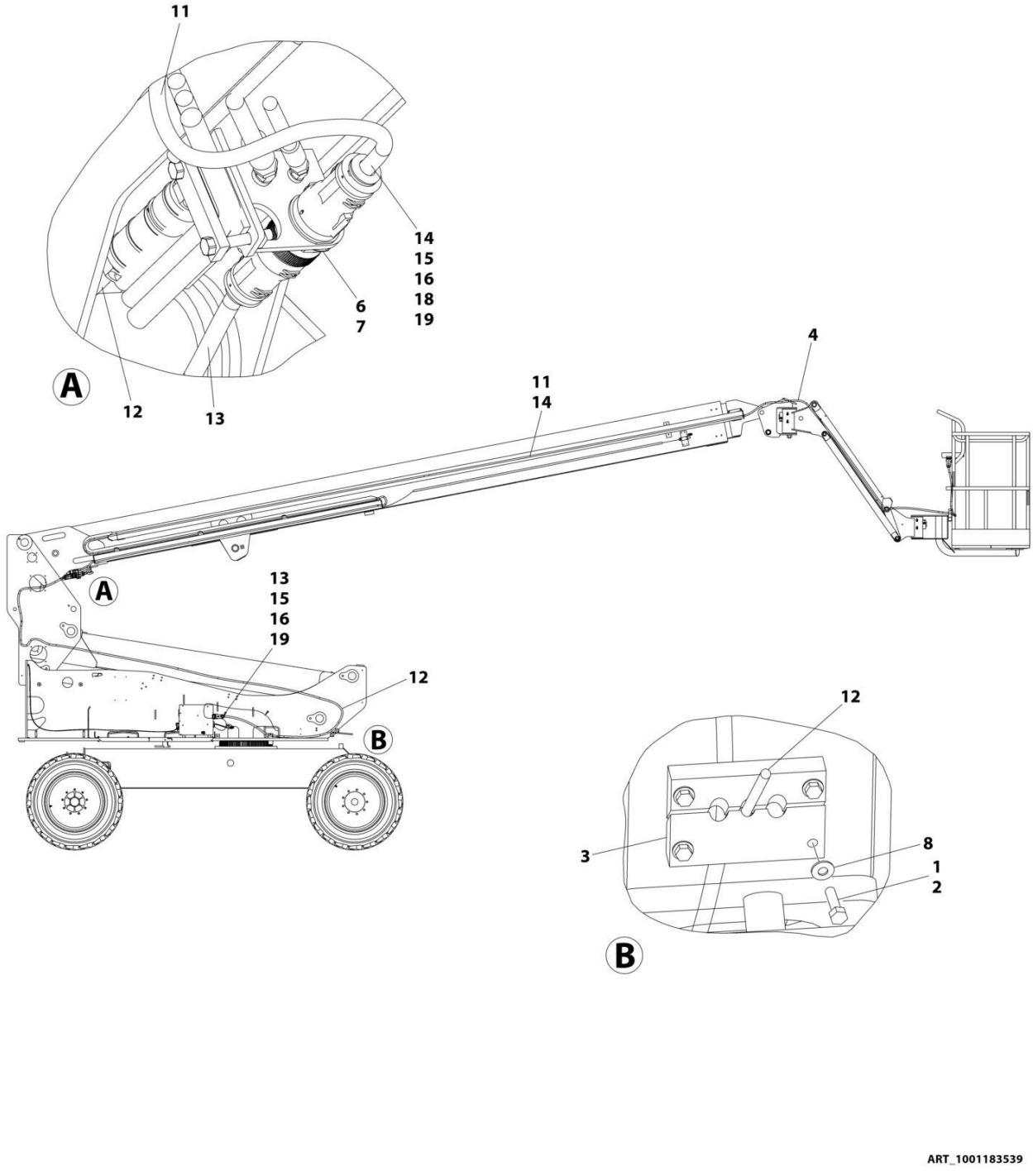
## FIGURE 8-25. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



## FIGURE 8-25. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183536 | Ref | CABLES AND CLAMPS INSTALLATION | C |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 3 | 1320256 | 1 | Clamp, Block | |
| 4 | 4100026 | 1 | Sleeve, Hose Protector | |
| 5 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 6 | 1001205044 | 1 | Washer | |
| 7 | 1001205043 | 1 | Nut | |
| 8 | 4711600 | 4 | Washer 3/8 | |
| 11 | 4922937 | 1 | Cable, 12/3 | |
| 12 | 4922938 | 1 | Cable, 12/3 | |
| 13 | 1001183882 | 1 | Boom Cable - Lower (See Separate Breakdown in this Section) | |
| 14 | 1001183884 | 1 | Boom Cable - Upper (See Separate Breakdown in this Section) | |
| 15 | 4460466 | AR | Plug, Seal | |
| 16 | 1001188291 | AR | Connector, Backshell | |
| 18 | 1001188293 | 1 | Connector - 19 Position | |
| 19 | 1001188354 | AR | Grommet | |

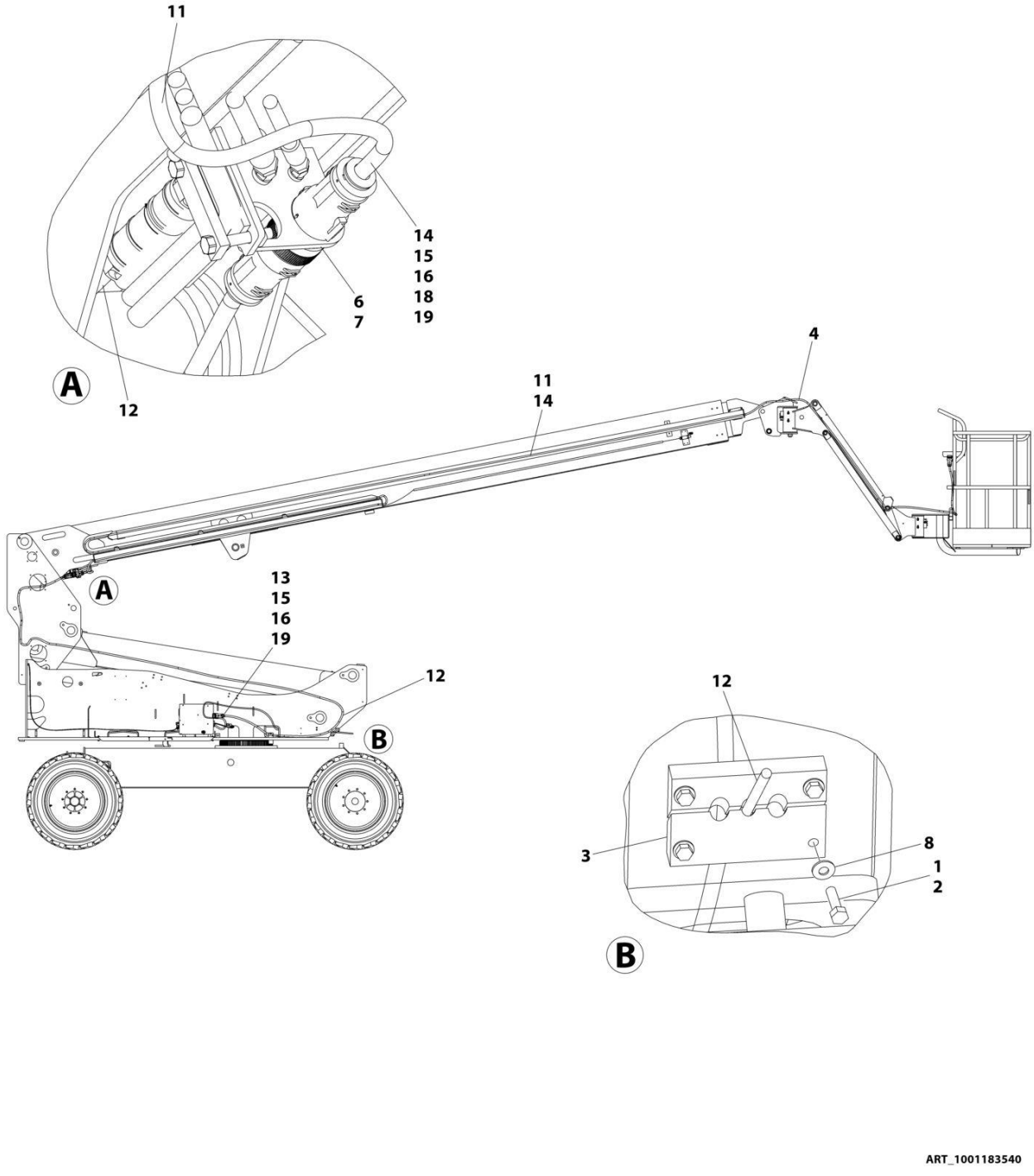
## FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - SINGLE AC BOX (EC600SJP/H600SJP) (AUSTRALIAN, CE & UK CA SPECS)



## FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - SINGLE AC BOX (EC600SJP/H600SJP) (AUSTRALIAN, CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183539 | Ref | CABLES AND CLAMPS INSTALLATION | C |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 3 | 1320256 | 1 | Clamp, Block | |
| 4 | 4100026 | 1 | Sleeve, Hose Protector | |
| 5 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 6 | 1001205044 | 1 | Washer | |
| 7 | 1001205043 | 1 | Nut | |
| 8 | 4711600 | 4 | Washer 3/8 | |
| 11 | 4922939 | 1 | Cable, 12/3 | |
| 12 | 4922940 | 1 | Cable, 12/3 | |
| 13 | 1001183882 | 1 | Boom Cable - Lower (See Separate Breakdown in this Section) | |
| 14 | 1001183884 | 1 | Boom Cable - Upper (See Separate Breakdown in this Section) | |
| 15 | 4460466 | AR | Plug, Seal | |
| 16 | 1001188291 | AR | Connector, Backshell | |
| 18 | 1001188293 | 1 | Connector - 19 Position | |
| 19 | 1001188354 | AR | Grommet | |

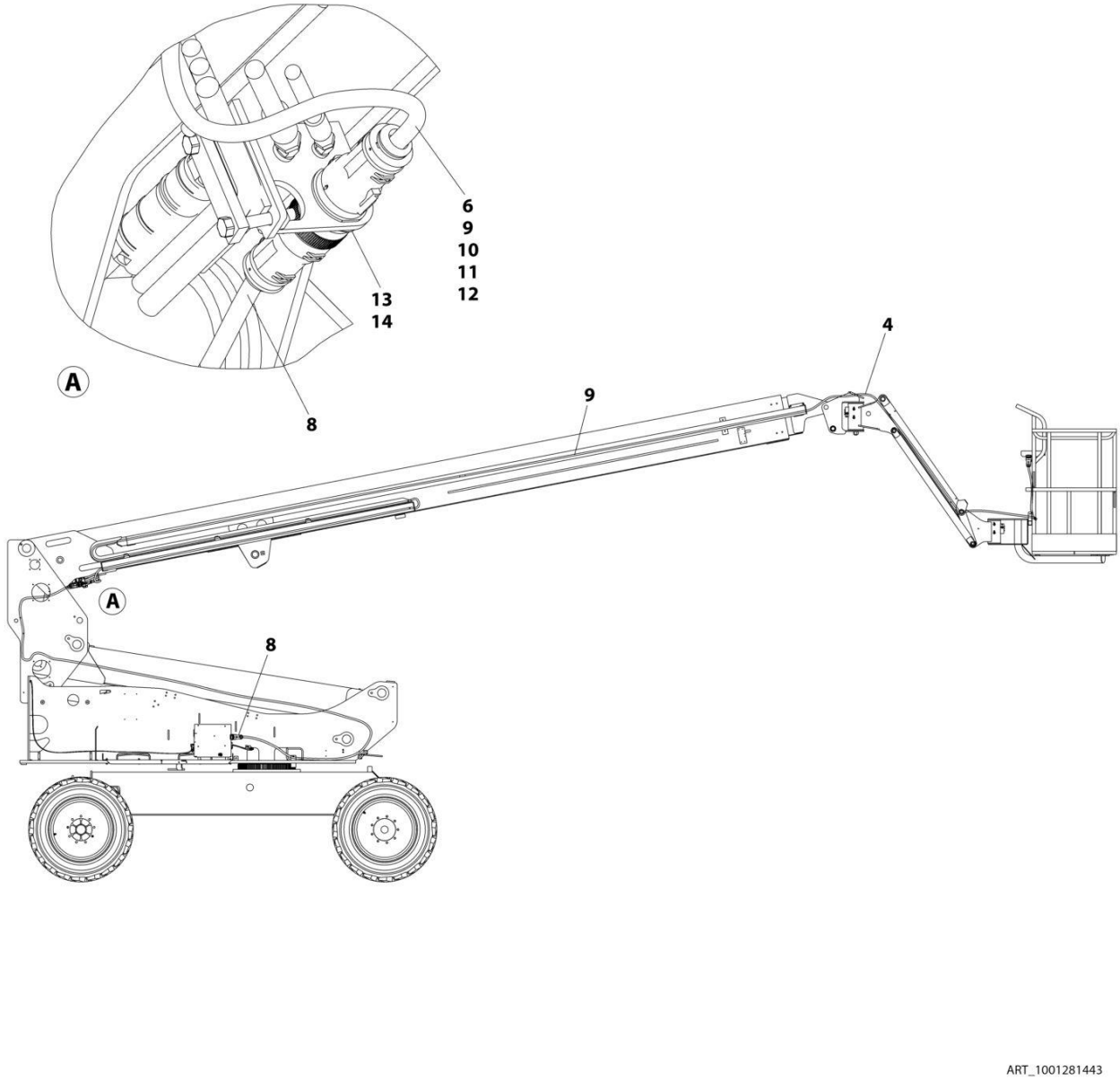
## FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - DUAL AC BOXES (EC600SJP/H600SJP) (CE & UK CA SPECS)



## FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - DUAL AC BOXES (EC600SJP/H600SJP) (CE & UK CA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183540 | Ref | CABLES AND CLAMPS INSTALLATION | C |
| 1 | 0100011 | AR | Locking, Compound | |
| 2 | 0641612 | 4 | Bolt 3/8 x 1-1/2 | |
| 3 | 1320256 | 1 | Clamp, Block | |
| 4 | 4100026 | 1 | Sleeve, Hose Protector | |
| 5 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 6 | 1001205044 | 1 | Washer | |
| 7 | 1001205043 | 1 | Nut | |
| 8 | 4711600 | 4 | Washer 3/8 | |
| 11 | 4922939 | 2 | Cable, 12/3 | |
| 12 | 4922940 | 2 | Cable, 12/3 | |
| 13 | 1001183882 | 1 | Boom Cable - Lower (See Separate Breakdown in this Section) | |
| 14 | 1001183884 | 1 | Boom Cable - Upper (See Separate Breakdown in this Section) | |
| 15 | 4460466 | AR | Plug, Seal | |
| 16 | 1001188291 | AR | Connector, Backshell | |
| 18 | 1001188293 | 1 | Connector - 19 Position | |
| 19 | 1001188354 | AR | Grommet | |

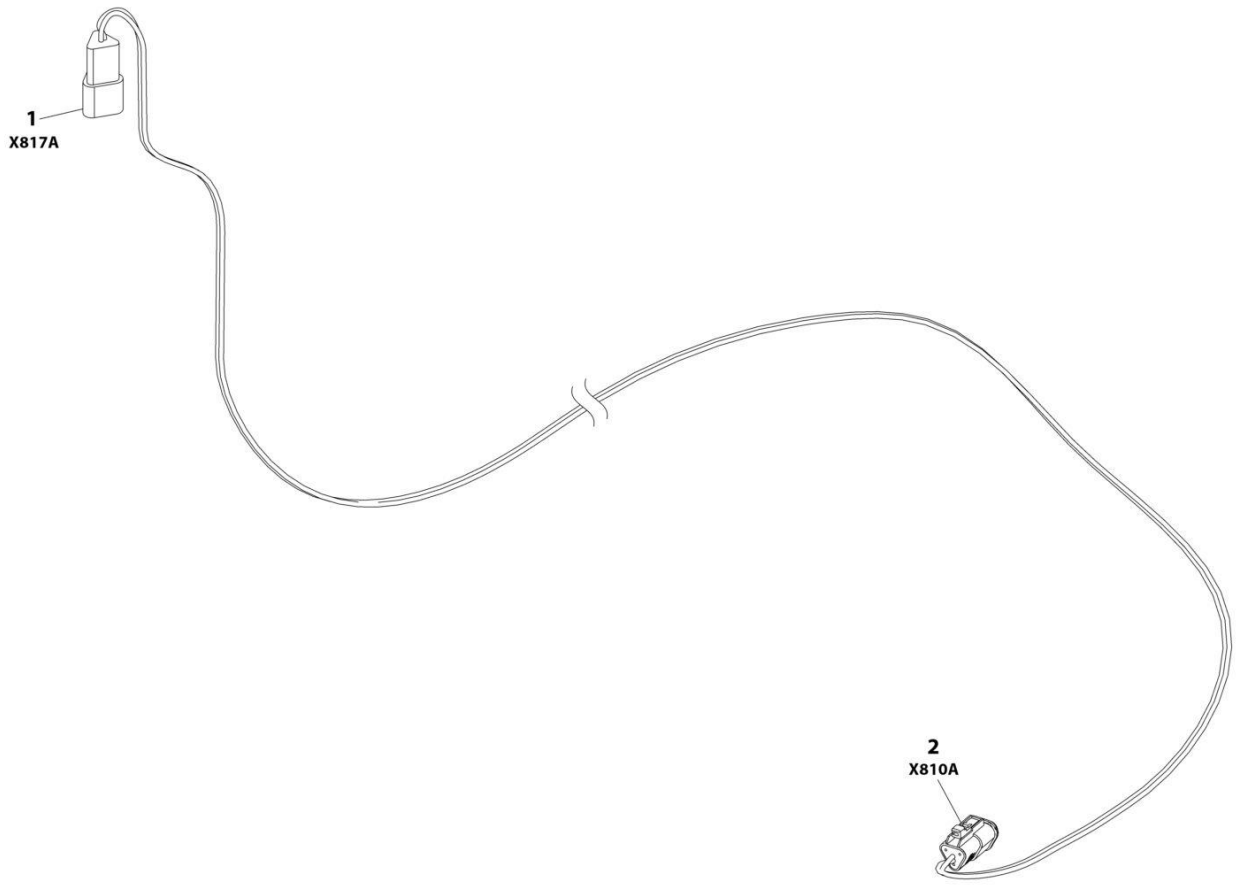
## FIGURE 8-28. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJP) (CHINA SPECS)



## FIGURE 8-28. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJP) (CHINA SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281443 | Ref | CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJP) (CHINA SPECS) | B |
| 4 | 4100026 | 1 | Sleeve, Hose Protector | |
| 5 | 4240033 | AR | Tie-Strap (Not Shown) | |
| 6 | 4460466 | 4 | Plug, Seal | |
| 8 | 1001183882 | 1 | Boom Cable - Lower (See Separate Breakdown in this Section) | |
| 9 | 1001183884 | 1 | Boom Cable - Upper (See Separate Breakdown in this Section) | |
| 10 | 1001188291 | AR | Connector, Backshell | |
| 11 | 1001188293 | 1 | Connector - 19 Position | |
| 12 | 1001188354 | AR | Grommet | |
| 13 | 1001205043 | 1 | Nut | |
| 14 | 1001205044 | 1 | Washer | |

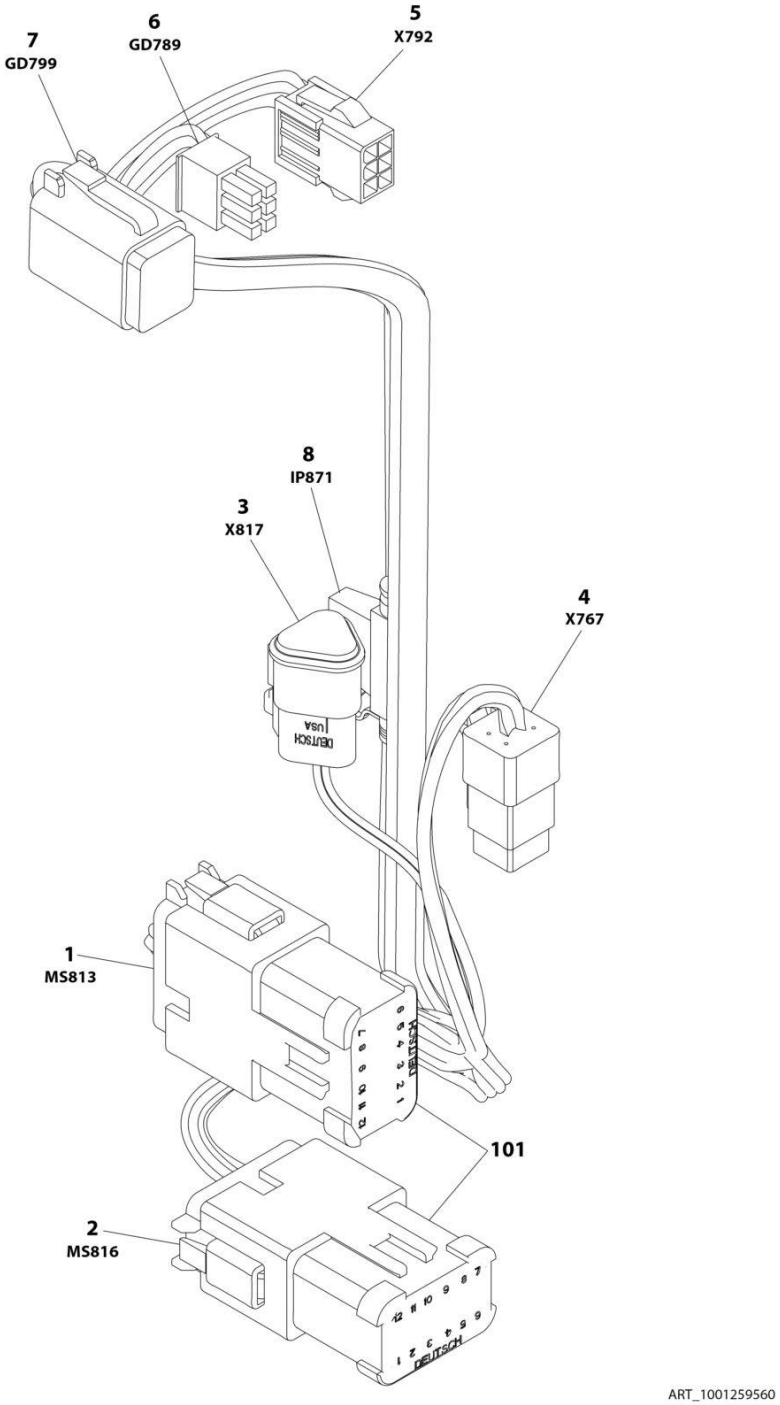
## FIGURE 8-29. CAN JUMPER HARNESS



## FIGURE 8-29. CAN JUMPER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259548 | Ref | CAN JUMPER HARNESS | A |
| 1 | 1001144147 | 1 | Connector | |
| 1 | 4460943 | 2 | Socket | |
| 1 | 4460466 | 1 | Plug | |
| 2 | 1001116812 | 1 | Connector | |
| 2 | 4460944 | 2 | Socket | |
| 2 | 4460466 | 1 | Plug | |

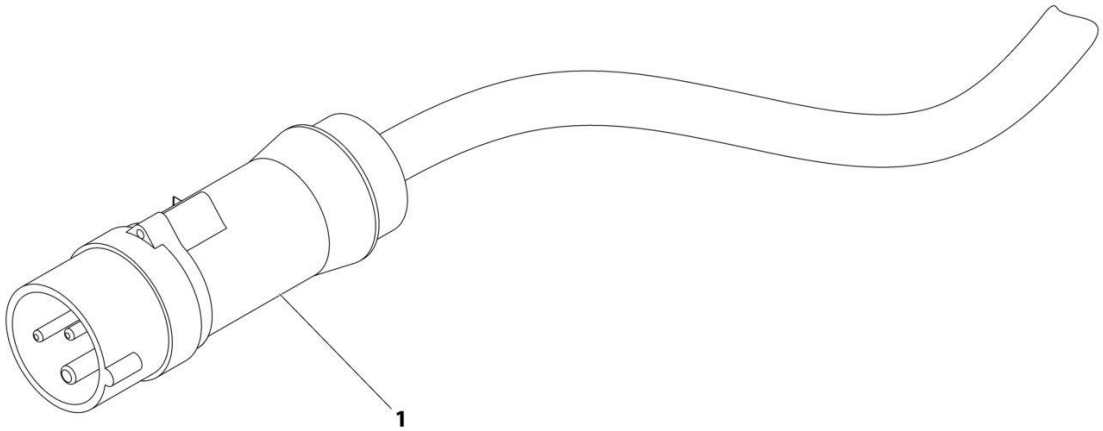
## FIGURE 8-30. CENTRAL PANEL CAN BUSS HARNESS



## FIGURE 8-30. CENTRAL PANEL CAN BUSS HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259560 | Ref | CENTRAL PANEL CAN BUSS HARNESS | C |
| 1 | 4460933 | 1 | Connector | |
| 1 | 4460465 | 10 | Socket | |
| 1 | 4460466 | 2 | Plug | |
| 2 | 4460933 | 1 | Connector | |
| 2 | 4460465 | 8 | Socket | |
| 2 | 4460466 | 4 | Plug | |
| 3 | 1001116812 | 1 | Connector | |
| 3 | 4460944 | 2 | Socket | |
| 3 | 4460466 | 1 | Plug | |
| 4 | 4461077 | 1 | Connector | |
| 4 | 4460928 | 2 | Socket | |
| 4 | 4460918 | 2 | Socket | |
| 5 | 1001132049 | 1 | Connector | |
| 5 | 1001132050 | 4 | Pin | |
| 6 | 4460868 | 1 | Connector | |
| 6 | 4460877 | 4 | Socket | |
| 7 | 4460894 | 1 | Connector | |
| 7 | 4460465 | 4 | Socket | |
| 7 | 4460466 | 2 | Plug | |
| 8 | 2400060 | 1 | Holder, Fuse | |
| 8 | 8229242 | 1 | Fuse, 5 Amp | |
| 101 | 1001125677 | 2 | Connector | |

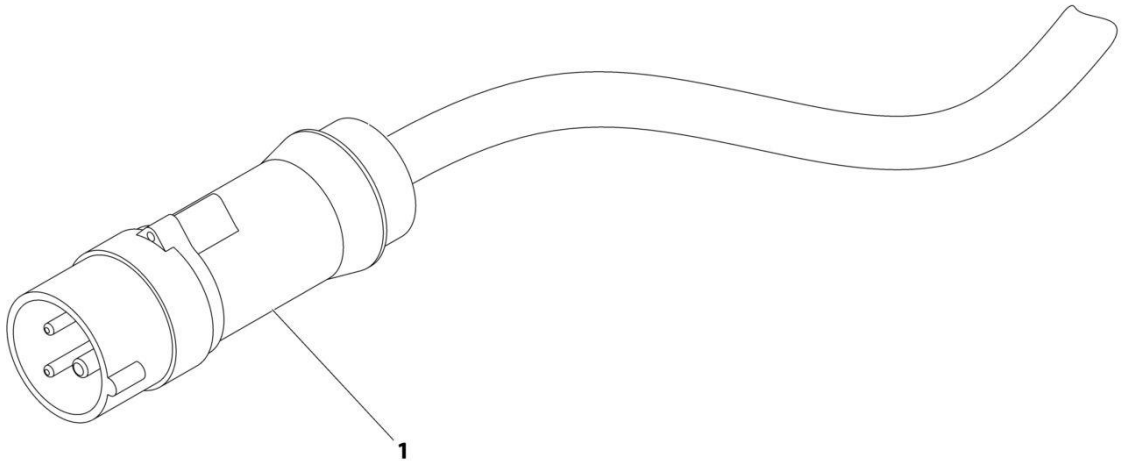
## FIGURE 8-31. CHARGER CORD PLUG INSTALLATION - 110V - IEC YELLOW (CE & UK CA SPEC)



## FIGURE 8-31. CHARGER CORD PLUG INSTALLATION - 110V - IEC YELLOW (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275666 | Ref | CHARGER CORD PLUG INSTALLATION - 110V IEC YELLOW PLUG | B |
| 1 | 4461196 | 1 | Plug | |

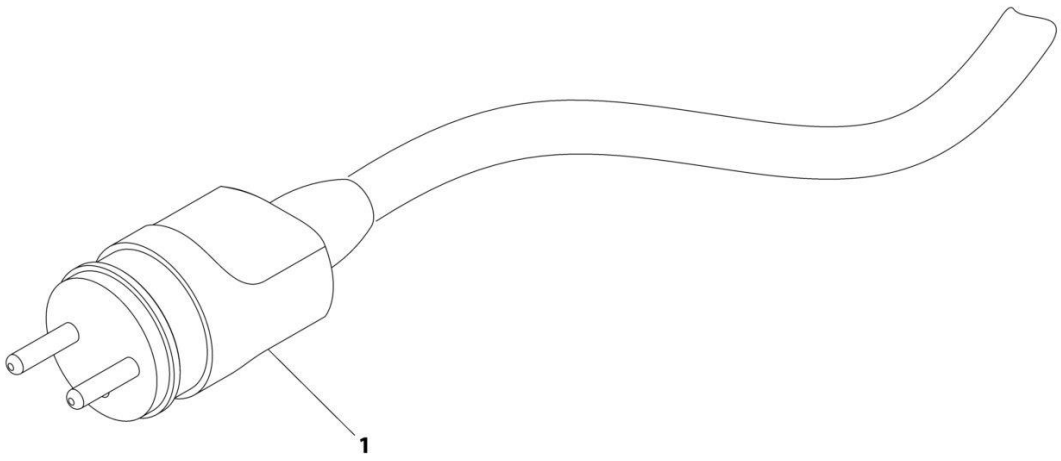
## FIGURE 8-32. CHARGER CORD PLUG INSTALLATION - 220V - IEC BLUE (CE & UK CA SPEC)



## FIGURE 8-32. CHARGER CORD PLUG INSTALLATION - 220V - IEC BLUE (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275667 | Ref | CHARGER CORD PLUG INSTALLATION - 220V IEC BLUE PLUG | B |
| 1 | 4461199 | 1 | Plug | |

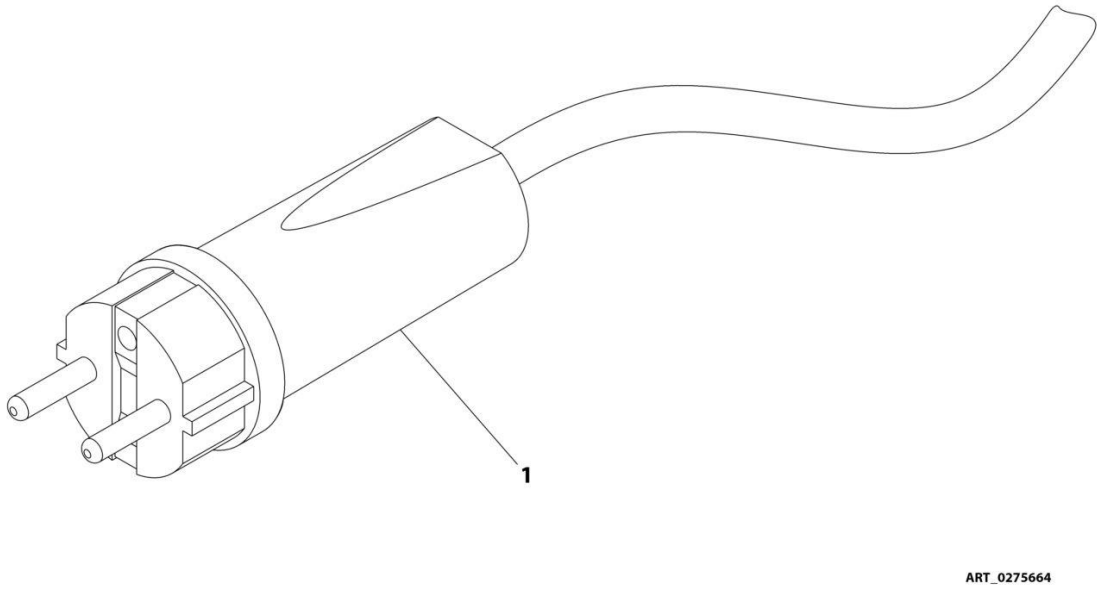
**FIGURE 8-33. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE & UK CA SPEC)**



## FIGURE 8-33. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275663 | Ref | CHARGER CORD PLUG INSTALLATION - 220V POST GROUND | C |
| 1 | 4461205 | 1 | Plug | |

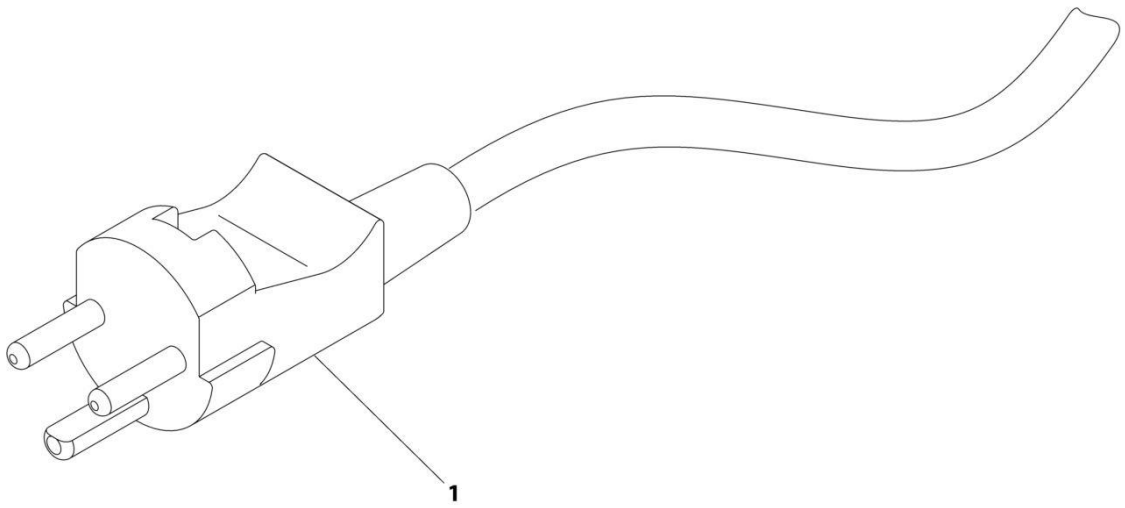
**FIGURE 8-34. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE & UK CA SPEC)**



## FIGURE 8-34. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275664 | Ref | CHARGER CORD PLUG INSTALLATION - 220V CEE7 SIDE GROUND | A |
| 1 | 4461205 | 1 | Plug | |

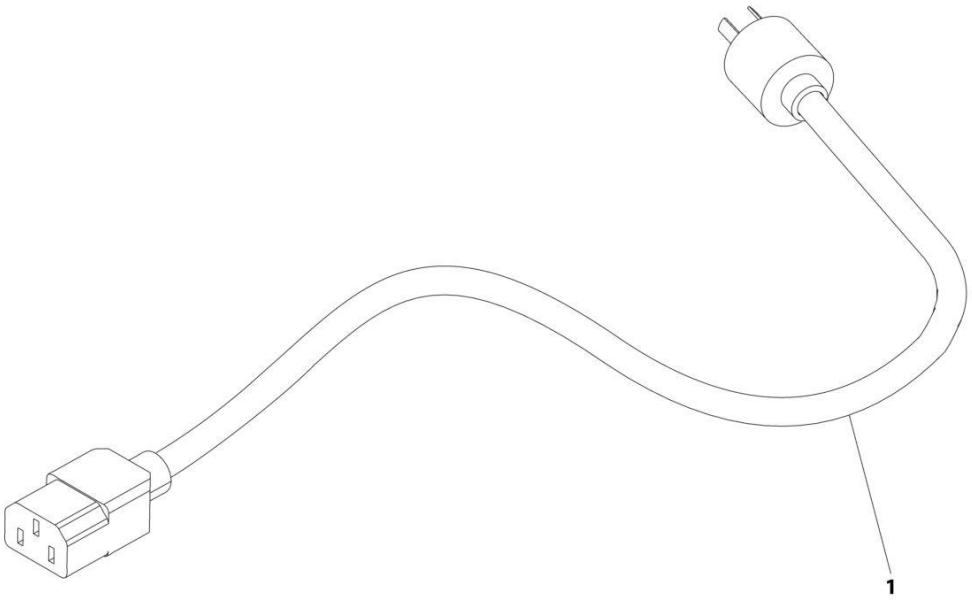
## FIGURE 8-35. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT 107 KEYED GROUND (CE & UK CA SPEC)



## FIGURE 8-35. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT 107 KEYED GROUND (CE & UK CA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0275665 | Ref | CHARGER CORD PLUG INSTALLATION - 220V AFSINT 107 KEYED GROUND | B |
| 1 | 4461249 | 1 | Plug | |

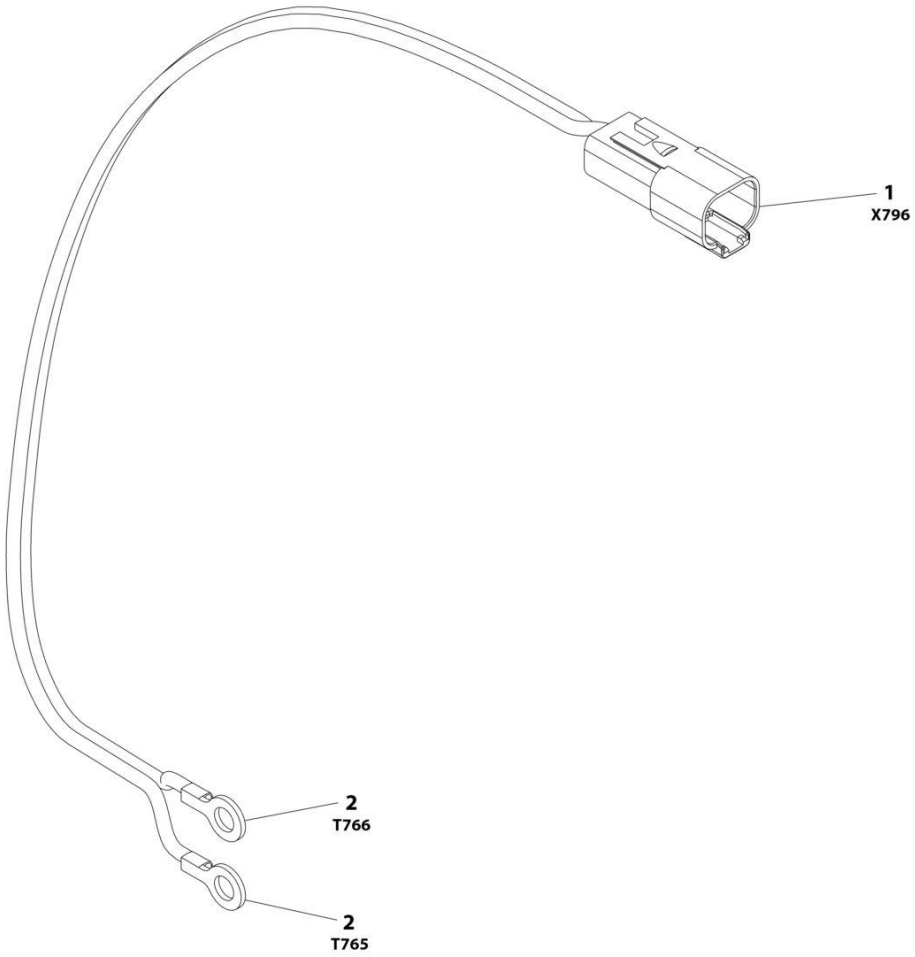
## FIGURE 8-36. CHARGER CORD PLUG INSTALLATION (CHINA SPEC)



## FIGURE 8-36. CHARGER CORD PLUG INSTALLATION (CHINA SPEC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001253917 | Ref | CHARGER CORD PLUG INSTALLATION - CHINA PLUG | A |
| 1 | 1001187816 | 1 | Plug | |

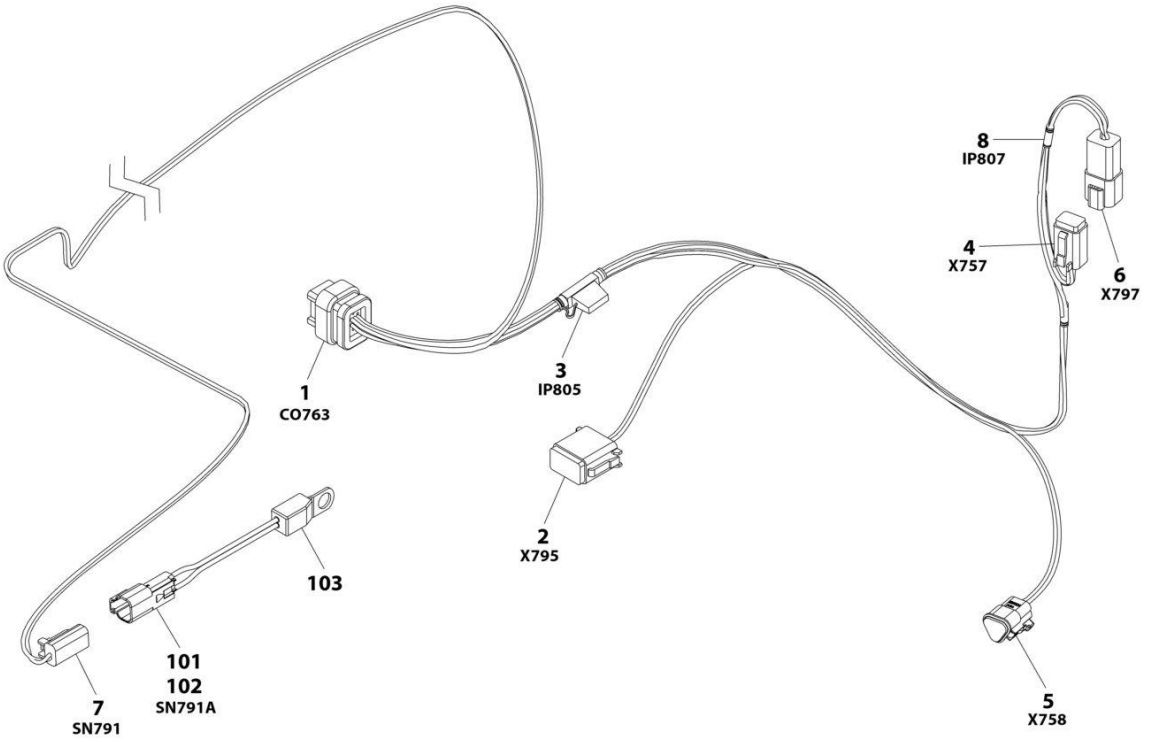
## FIGURE 8-37. CHARGER DC CONNECTION HARNESS



## FIGURE 8-37. CHARGER DC CONNECTION HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001260408 | Ref | CHARGER DC CONNECTION HARNESS | A |
| 1 | 1001116811 | 1 | Connector | |
| 1 | 4460508 | 2 | Pin | |
| 1 | 4460466 | 2 | Plug | |
| 2 | 4460312 | 2 | Terminal Ring | |

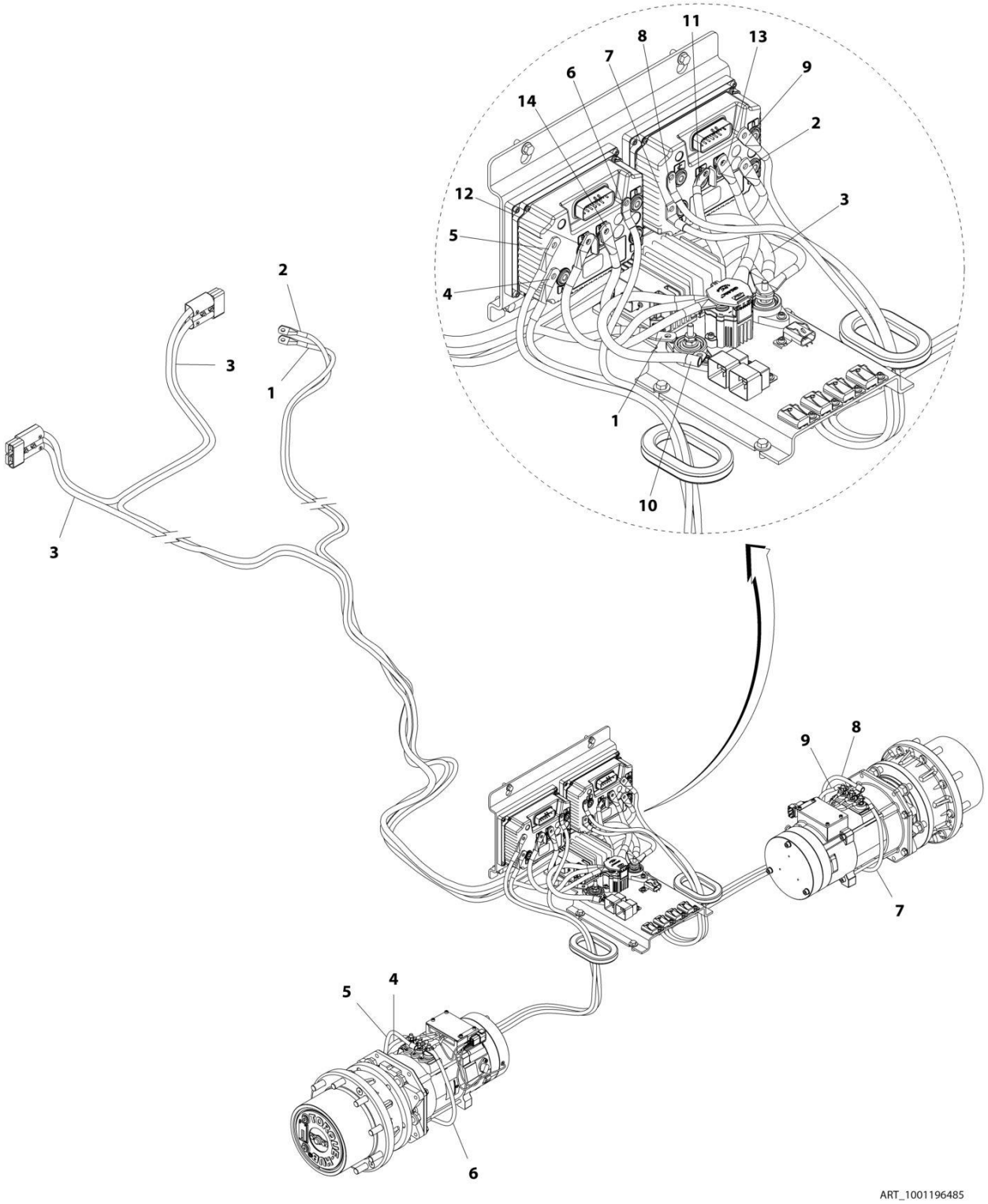
## FIGURE 8-38. CHARGER HARNESS



## FIGURE 8-38. CHARGER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259502 | Ref | CHARGER HARNESS | A |
| 1 | 4460872 | 1 | Connector | |
| 1 | 4460905 | 5 | Plug | |
| 1 | 4460871 | 9 | Socket | |
| 2 | 4460930 | 1 | Connector | |
| 2 | 4460465 | 3 | Socket | |
| 2 | 4460466 | 5 | Plug | |
| 3 | 2400060 | 1 | Fuse Holder | |
| 3 | 1001196634 | 1 | Fuse, 2AMP | |
| 4 | 4460884 | 1 | Connector | |
| 4 | 4460465 | 4 | Socket | |
| 5 | 1001116812 | 1 | Connector | |
| 5 | 4460944 | 2 | Socket | |
| 5 | 4460466 | 1 | Plug | |
| 6 | 4460932 | 1 | Connector | |
| 6 | 4460464 | 4 | Pin | |
| 7 | 4460891 | 1 | Connector | |
| 7 | 4460465 | 3 | Socket | |
| 8 | 3990001 | 1 | Diode | |
| 101 | 4460464 | 2 | Pin | |
| 102 | 4460897 | 1 | Connector | |
| 103 | 1001102771 | 1 | Sensor, Temperature | |

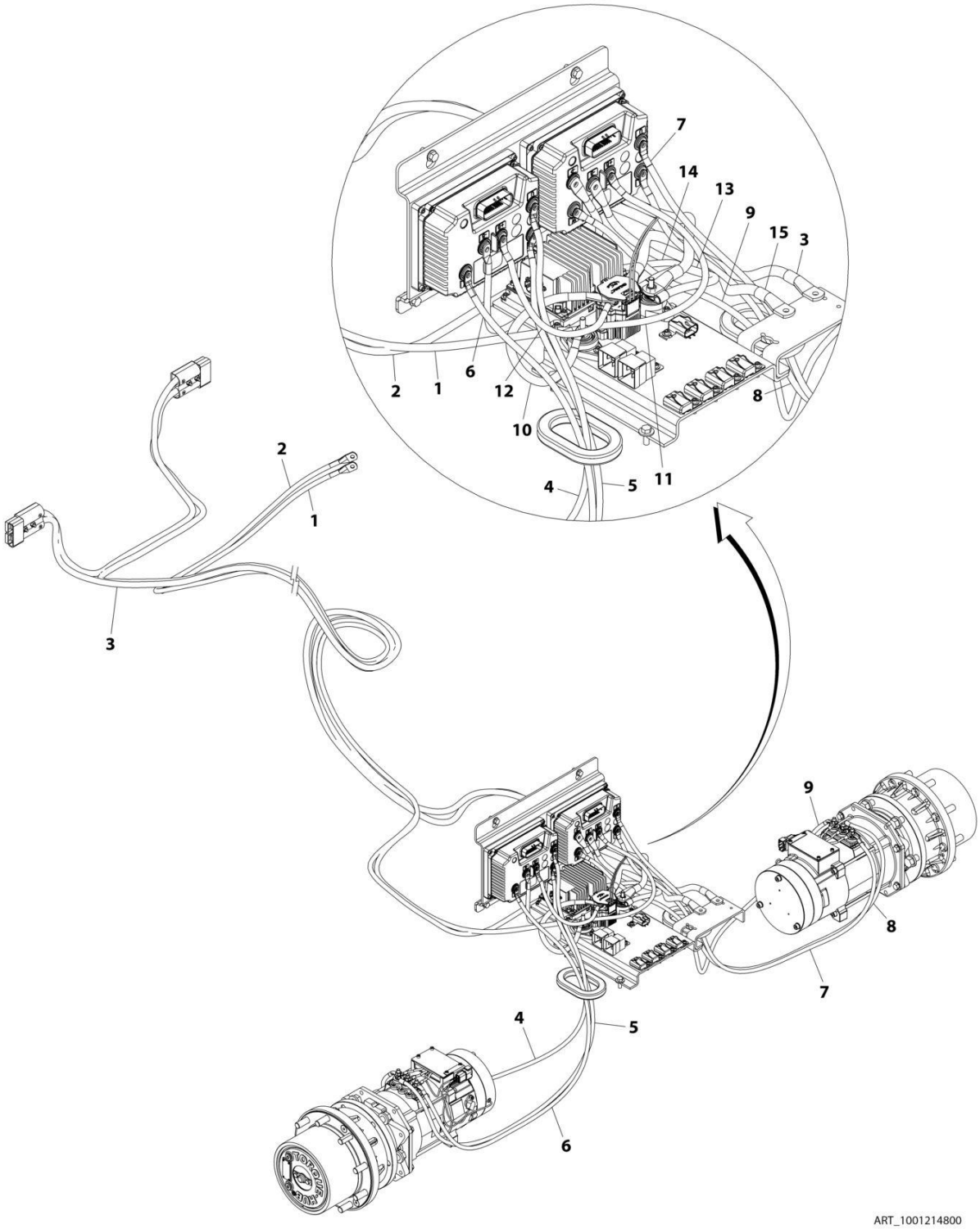
## FIGURE 8-39. DRIVE CABLE KIT (ALL SPECS EXCPET UL SPECS)



## FIGURE 8-39. DRIVE CABLE KIT (ALL SPECS EXCPET UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196485 | Ref | DRIVE CABLE KIT (NON UL SPECS) | D |
| 1 | 1001179499 | 1 | Cable - Pump Motor + to Fuse | |
| 2 | 1001179500 | 1 | Cable - Pump Motor - to LH Module P | |
| 3 | 1001182996 | 1 | Cable - Battery | |
| 4 | 1001196061 | 1 | Cable - LH Motor U | |
| 5 | 1001196062 | 1 | Cable - LH Motor V | |
| 6 | 1001196063 | 1 | Cable - LH Motor W | |
| 7 | 1001196065 | 1 | Cable - RH Motor U | |
| 8 | 1001196066 | 1 | Cable - RH Motor V | |
| 9 | 1001196067 | 1 | Cable - RH Motor W | |
| 10 | 1001196237 | 1 | Cable - Contactor to Fuse | |
| 11 | 1001196238 | 1 | Cable - RH Zapi + | |
| 12 | 1001196239 | 1 | Cable - LH Zapi + | |
| 13 | 1001196240 | 1 | Cable - RH Zapi - | |
| 14 | 1001196241 | 1 | Cable - LH Zapi - | |

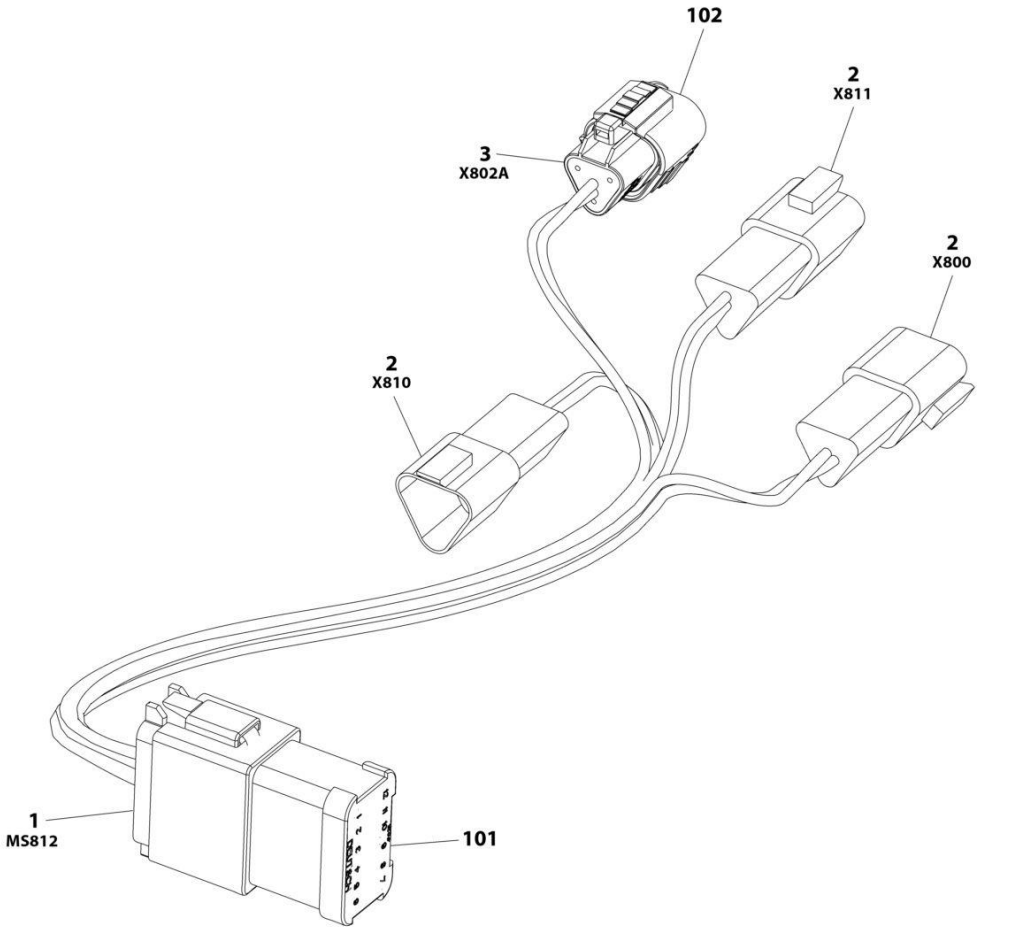
## FIGURE 8-40. DRIVE CABLE KIT (UL SPECS)



## FIGURE 8-40. DRIVE CABLE KIT (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214800 | Ref | DRIVE CABLE KIT (UL SPECS) | C |
| 1 | 1001179499 | 1 | Cable - Pump Motor + to Fuse | |
| 2 | 1001179500 | 1 | Cable - Pump Motor - to LH Module P | |
| 3 | 1001182996 | 1 | Cable - Battery | |
| 4 | 1001196061 | 1 | Cable - LH Motor U | |
| 5 | 1001196062 | 1 | Cable - LH Motor V | |
| 6 | 1001196063 | 1 | Cable - LH Motor W | |
| 7 | 1001196065 | 1 | Cable - RH Motor U | |
| 8 | 1001196066 | 1 | Cable - RH Motor V | |
| 9 | 1001196067 | 1 | Cable - RH Motor W | |
| 10 | 1001196237 | 1 | Cable - Contactor to Fuse | |
| 11 | 1001196238 | 1 | Cable - RH Zapi + | |
| 12 | 1001196239 | 1 | Cable - LH Zapi + | |
| 13 | 1001196240 | 1 | Cable - RH Zapi - | |
| 14 | 1001196241 | 1 | Cable - LH Zapi - | |
| 15 | 1001214801 | 1 | Cable - Drive Jumper | |

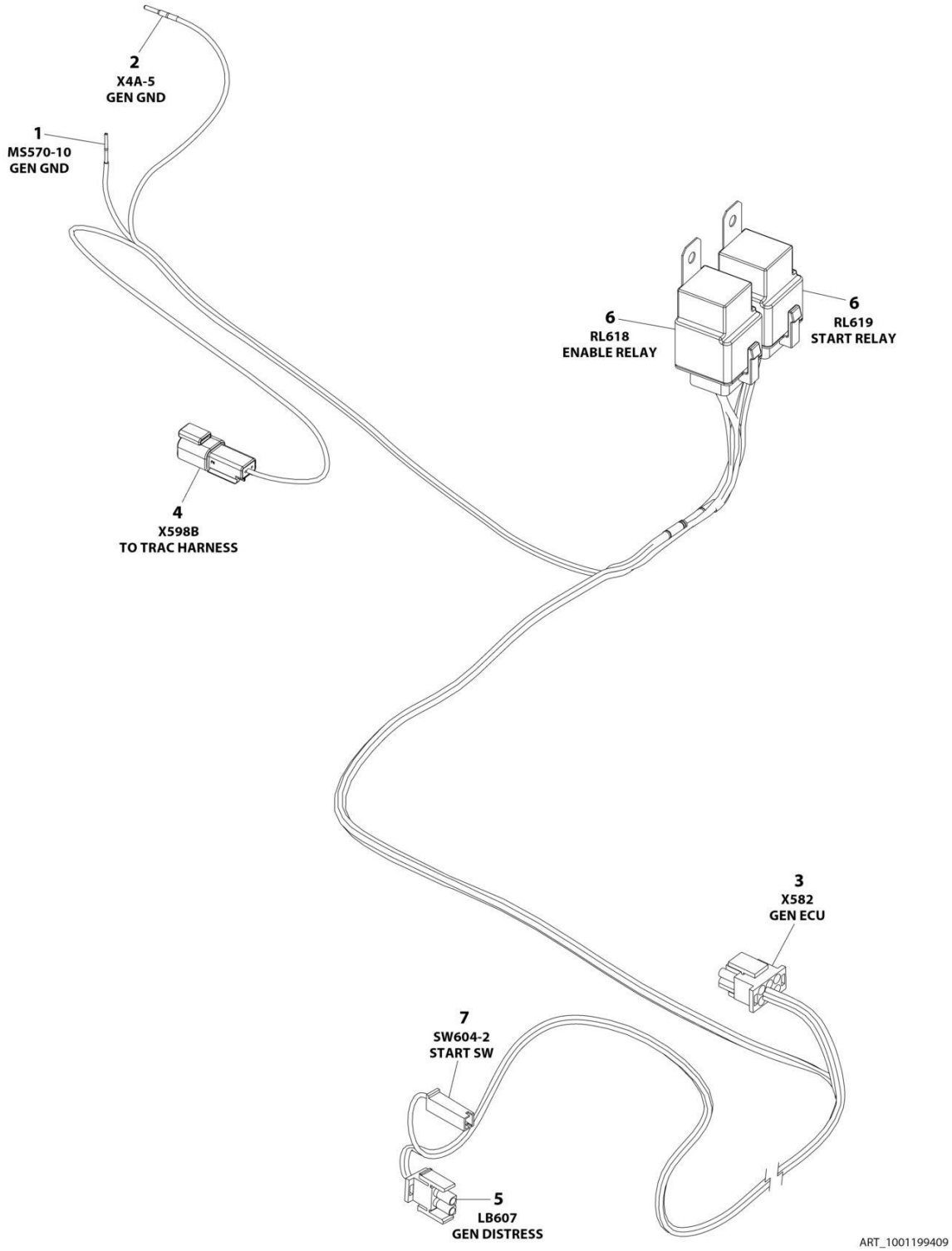
## FIGURE 8-41. EBOOM CAN SPLICE HARNESS



## FIGURE 8-41. EBOOM CAN SPLICE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259541 | Ref | EBOOM CAN SPLICE HARNESS | A |
| 1 | 4460933 | 1 | Connector | |
| 1 | 4460465 | 8 | Socket | |
| 1 | 4460466 | 4 | Plug | |
| 2 | 1001144147 | 3 | Connector | |
| 2 | 4460943 | 6 | Socket | |
| 2 | 4460466 | 3 | Plug | |
| 3 | 1001116812 | 1 | Connector | |
| 3 | 4460944 | 2 | Socket | |
| 3 | 4460466 | 1 | Plug | |
| 101 | 1001125677 | 1 | Connector | |
| 102 | 1001144296 | 1 | Dust Cap | |

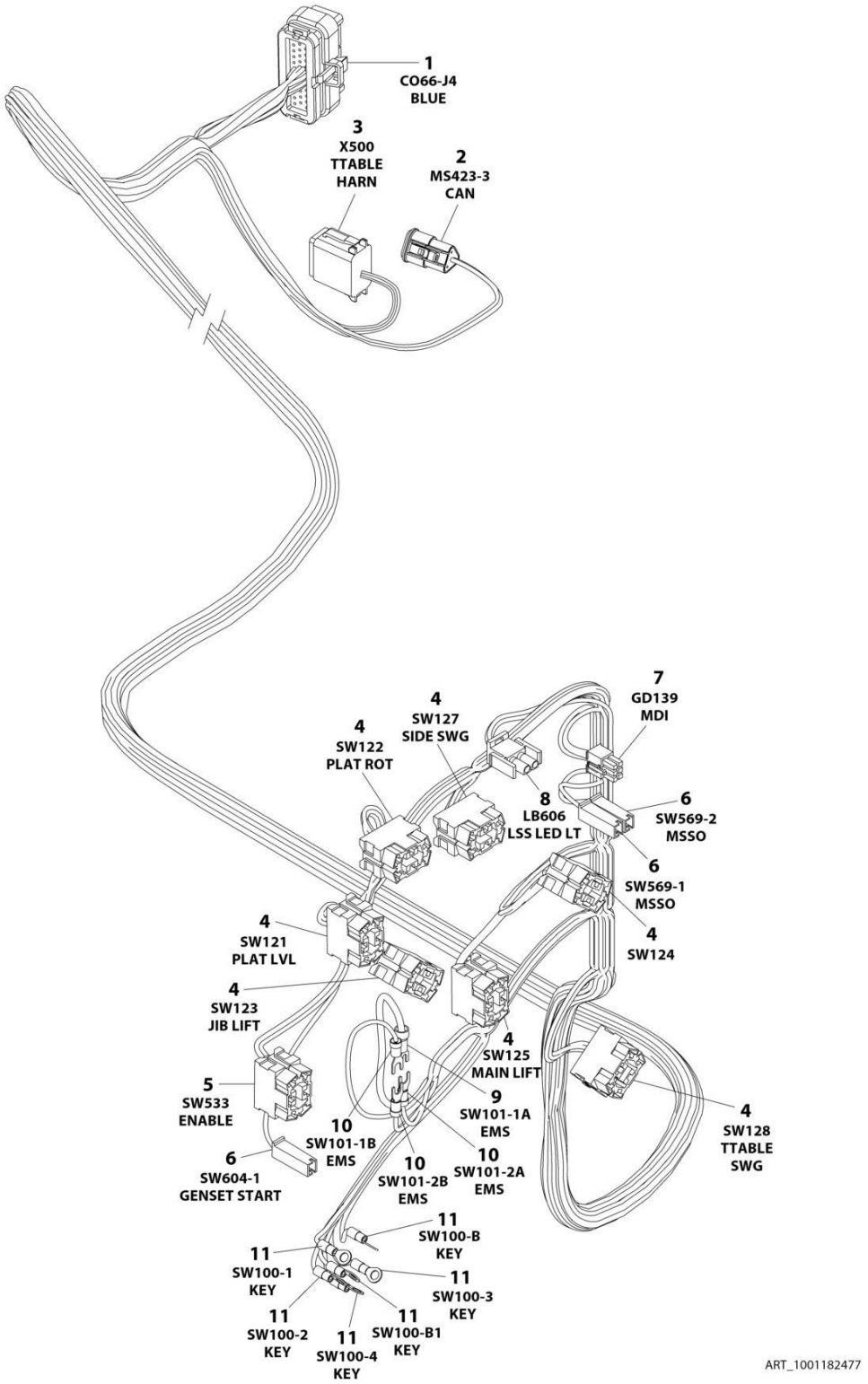
## FIGURE 8-42. GENERATOR HARNESS



## FIGURE 8-42. GENERATOR HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199409 | Ref | GENERATOR HARNESS | C |
| 1 | 4460465 | 1 | Socket, Female | |
| 2 | 4460464 | 1 | Pin, Male | |
| 3 | 4460225 | 1 | Plug, Male - 6 Position | |
| 3 | 4460267 | 5 | Pin, Male | |
| 4 | 4460897 | 1 | Connector - 2 Position | |
| 4 | 4460464 | 1 | Pin, Male | |
| 4 | 4460466 | 1 | Plug, Seal | |
| 5 | 4460320 | 1 | Connector - 2 Position | |
| 5 | 4460227 | 2 | Pin, Male | |
| 6 | 3740080 | 2 | Relay | |
| 6 | 1001203734 | 2 | Plug, Relay | |
| 6 | 1001116733 | 4 | Terminal | |
| 6 | 1001116732 | 4 | Terminal | |
| 7 | 4460260 | 1 | Housing, Terminal | |
| 7 | 4460259 | 1 | Terminal | |

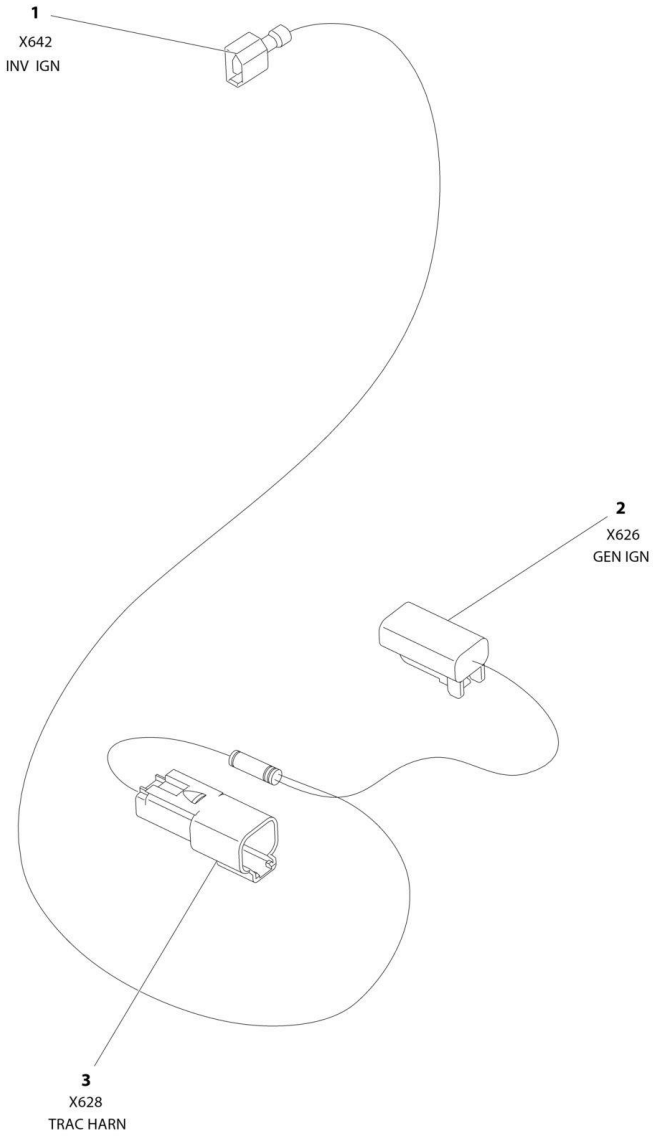
## FIGURE 8-43. GROUND CONTROL HARNESS



## FIGURE 8-43. GROUND CONTROL HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182477 | Ref | GROUND CONTROL HARNESS | E |
| 1 | 4460876 | 1 | Connector - 35 Position | |
| 1 | 4460871 | 20 | Socket, Female | |
| 1 | 4460905 | 15 | Plug, Terminal | |
| 2 | 1001116812 | 1 | Connector - 3 Position | |
| 2 | 4460944 | 2 | Socket, Female | |
| 2 | 4460466 | 1 | Plug, Seal | |
| 3 | 4460930 | 1 | Connector - 8 Position | |
| 3 | 1001116692 | 7 | Socket, Female | |
| 3 | 4460466 | 1 | Plug, Seal | |
| 4 | 4460418 | 7 | Connector - 6 Position | |
| 4 | 4460419 | 14 | Terminal | |
| 4 | 1001159186 | 14 | Terminal | |
| 5 | 4460418 | 1 | Connector - 6 Position | |
| 5 | 4460419 | 2 | Terminal | |
| 5 | 1001159186 | 1 | Terminal | |
| 6 | 4460260 | 3 | Housing, Terminal | |
| 6 | 4460259 | 3 | Terminal | |
| 7 | 4460868 | 1 | Connector - 6 Position | |
| 7 | 4460877 | 4 | Socket, Female | |
| 8 | 4460320 | 1 | Connector - 2 Position | |
| 8 | 4460227 | 1 | Pin, Male | |
| 8 | 4460267 | 2 | Pin, Male | |
| 9 | 4460806 | 1 | Terminal, Fork | |
| 10 | 4460183 | 3 | Terminal, Fork | |
| 11 | 4460313 | 6 | Terminal, Ring | |

## FIGURE 8-44. INVERTER IGNITION HARNESS (110V INVERTER)

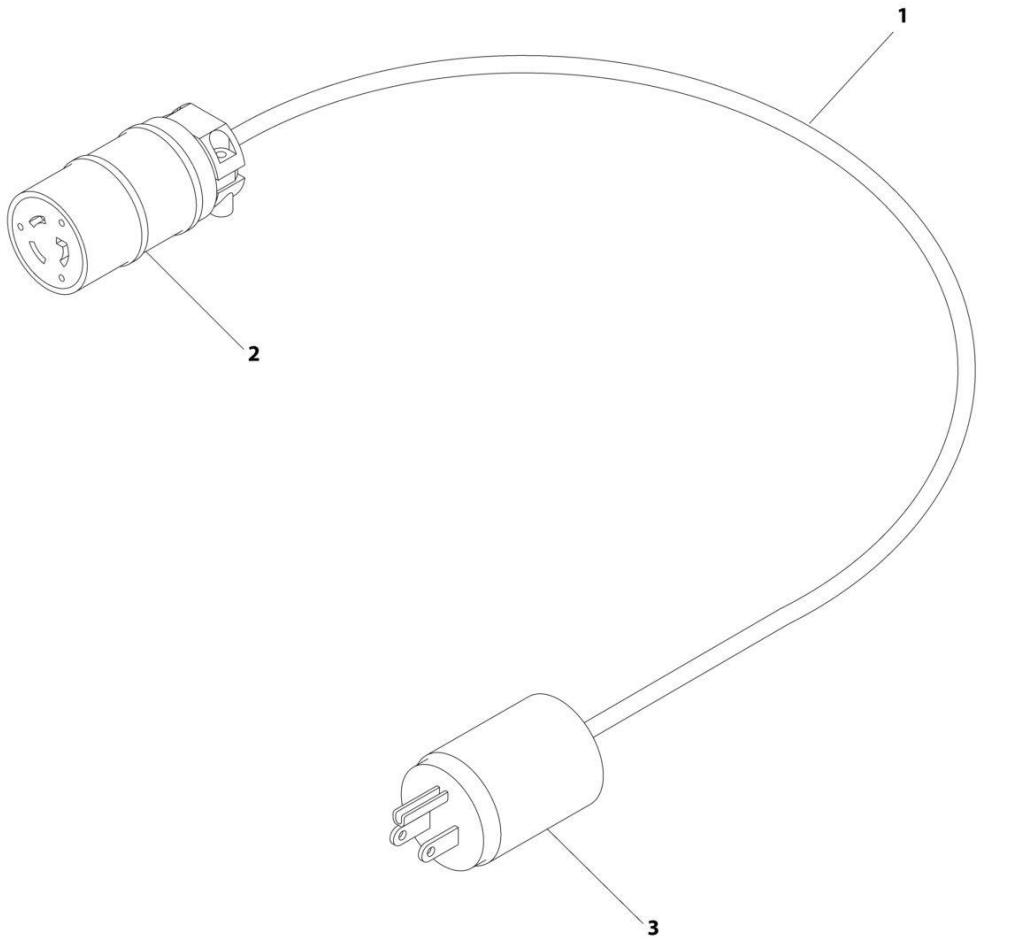



ART_1001192293

## FIGURE 8-44. INVERTER IGNITION HARNESS (110V INVERTER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192293 | Ref | INVERTER IGNITION HARNESS | C |
| 1 | 1001193545 | 1 | Terminal | |
| 2 | 4460891 | 1 | Plug, Male - 2 Position | |
| 2 | 4460465 | 1 | Socket, Female | |
| 2 | 4460466 | 1 | Plug, Terminal | |
| 3 | 4460897 | 1 | Receptacle, Female - 2 Position | |
| 3 | 4460464 | 1 | Pin, Male | |
| 3 | 4460466 | 1 | Plug, Seal | |

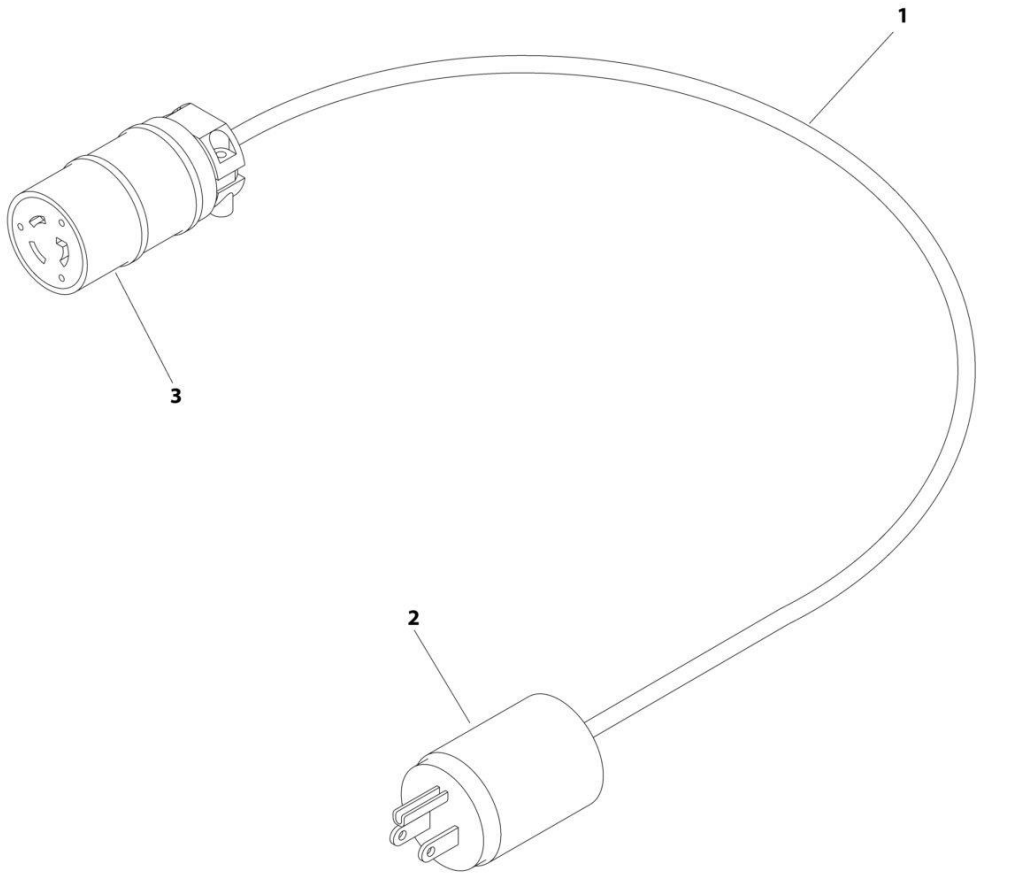
## FIGURE 8-45. INVERTER HARNESS (110V INVERTER)



## FIGURE 8-45. INVERTER HARNESS (110V INVERTER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922390 | Ref | INVERTER HARNESS | C |
| 1 | 1060494 | 75 in/ 190.5cm | Cable 12/3 | |
| 2 | 4460134 | 1 | Receptacle, Female | |
| 3 | 4460138 | 1 | Plug, Connector | |

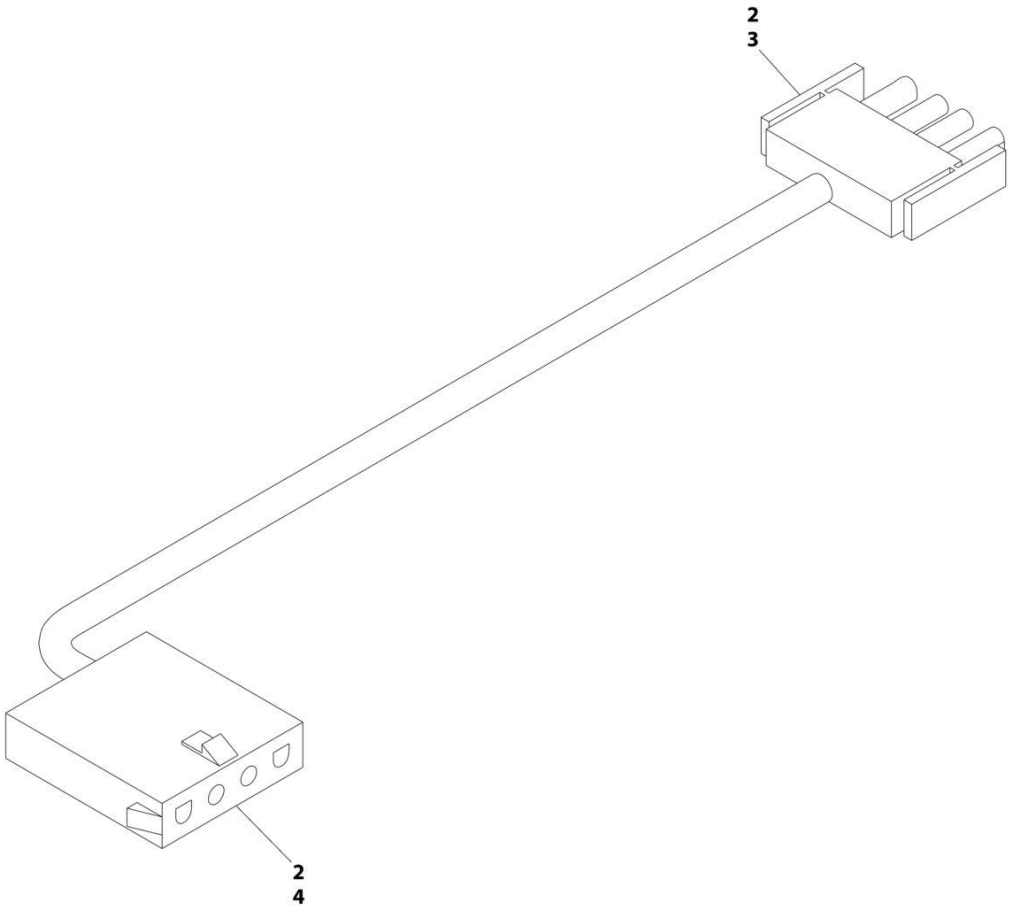
## FIGURE 8-46. INVERTER HARNESS (220V INVERTER)



## FIGURE 8-46. INVERTER HARNESS (220V INVERTER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4922647 | Ref | INVERTER HARNESS | A |
| 1 | 1060461 | 75 in/ 190.5cm | Cable 12/3 | |
| 2 | 4460138 | 1 | Plug, Connector | |
| 3 | 4460710 | 1 | Receptacle, Female | |

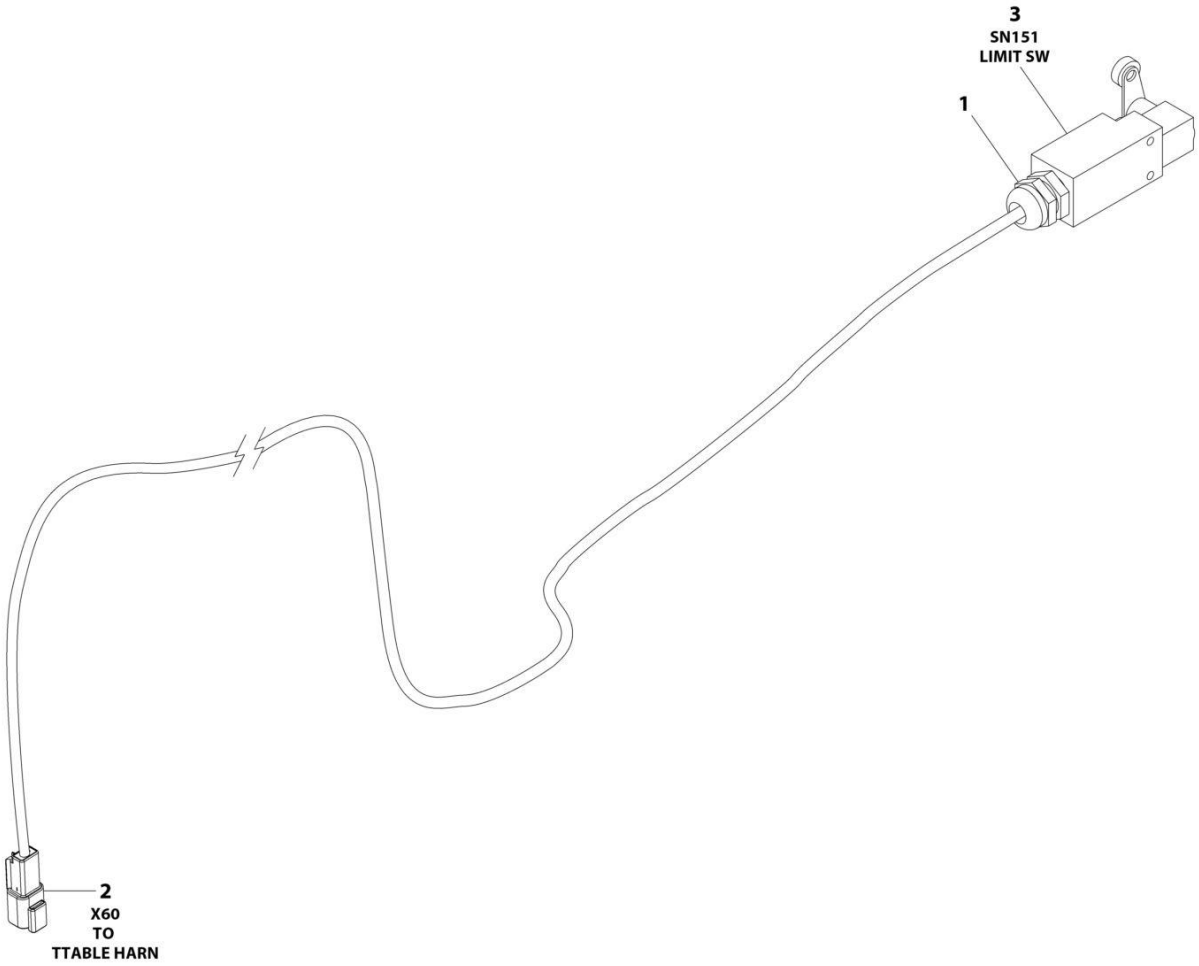
## FIGURE 8-47. LED REMOTE HARNESS



## FIGURE 8-47. LED REMOTE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1060813 | Ref | LED REMOTE HARNESS | A |
| 2 | 4460226 | 8 | Socket, Female | |
| 3 | 4460321 | 1 | Connector - 4 Position | |
| 4 | 4460761 | 1 | Connector, Female - 4 Position | |

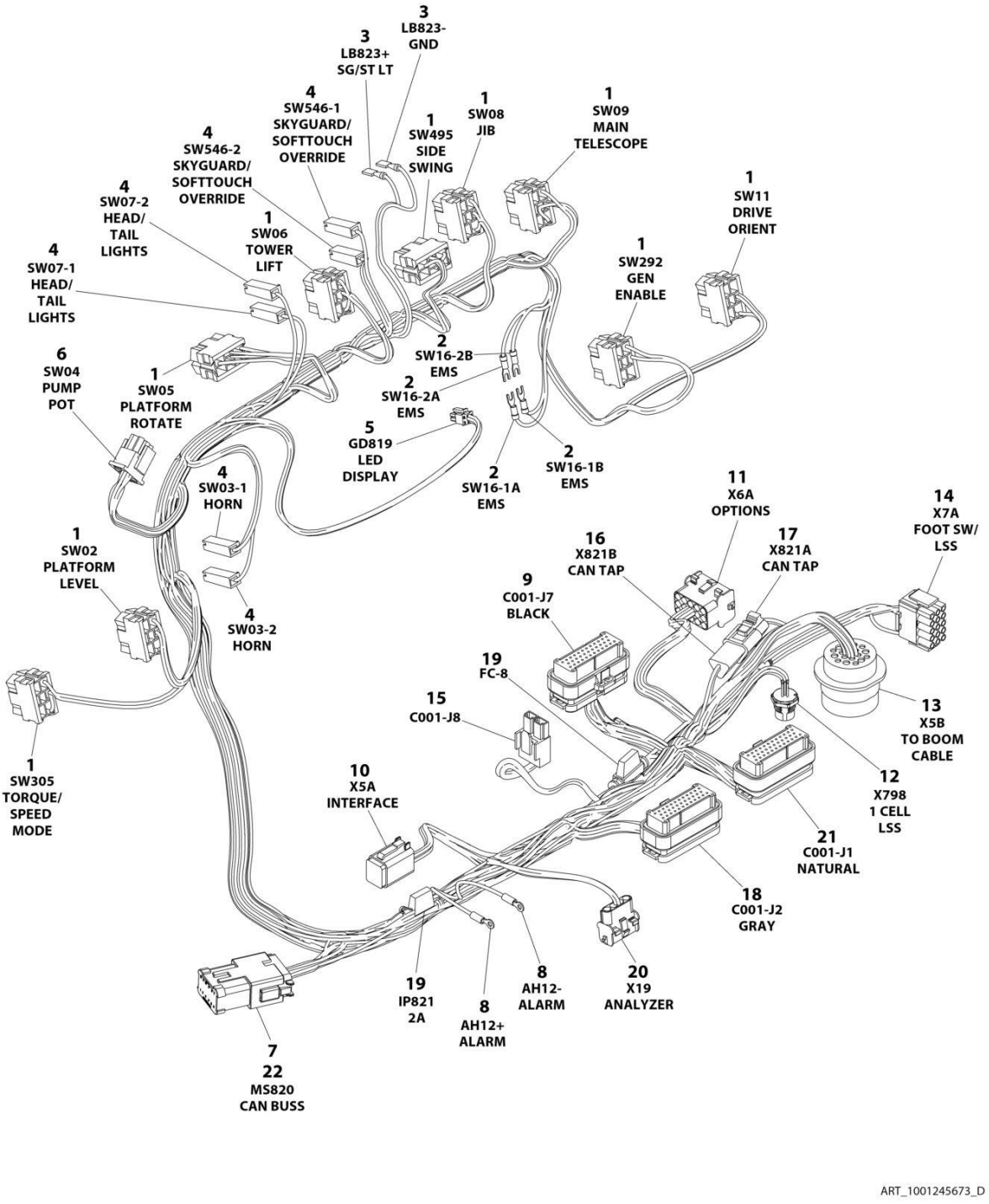
## FIGURE 8-48. LIMIT SWITCH CABLE



## FIGURE 8-48. LIMIT SWITCH CABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200173 | Ref | LIMIT SWITCH CABLE | C |
| 1 | 4460968 | 1 | Connector, Strain Relief | |
| 2 | 4460897 | 1 | Connector - 2 Position | |
| 2 | 4460464 | 2 | Pin, Male | |
| 3 | 4360578 | 1 | Switch, Limit | |

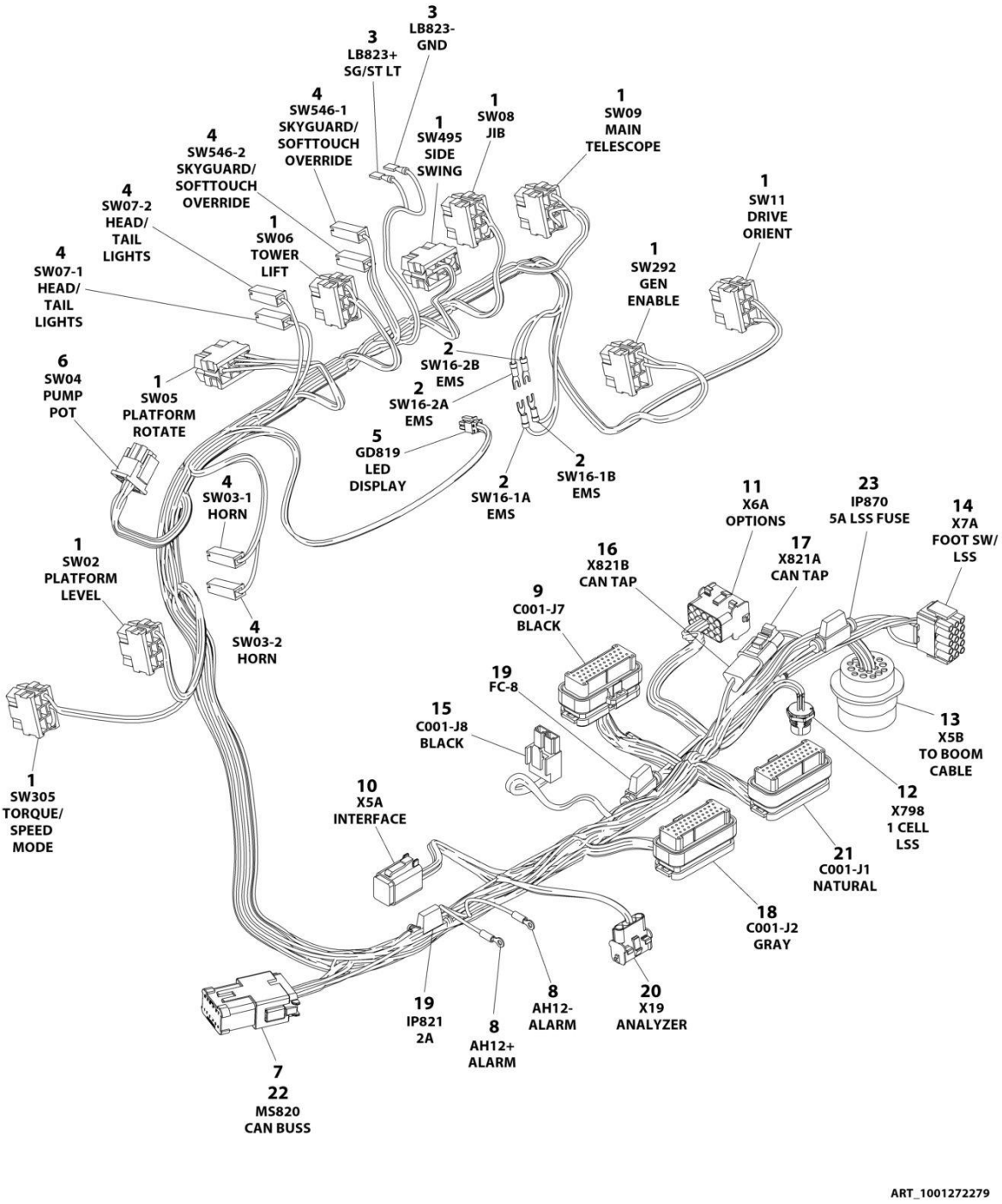
## FIGURE 8-49. PLATFORM CONSOLE HARNESS (ALL SPECS EXCEPT UL SPECS)



## FIGURE 8-49. PLATFORM CONSOLE HARNESS (ALL SPECS EXCEPT UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001245673 | Ref | PLATFORM CONSOLE HARNESS | D |
| 1 | 4460418 | 9 | Connector - 6 Position | |
| 1 | 4460419 | 14 | Terminal | |
| 1 | 1001159186 | 18 | Terminal | |
| 2 | 4460888 | 4 | Terminal, Fork | |
| 3 | 4460016 | 2 | Terminal | |
| 4 | 4460260 | 6 | Housing, Terminal | |
| 4 | 4460259 | 8 | Terminal | |
| 5 | 1001237667 | 1 | Connector - 6 Position | |
| 5 | 1001237668 | 4 | Terminal | |
| 6 | 4460225 | 1 | Connector - 6 Position | |
| 6 | 4460267 | 7 | Socket, Female | |
| 7 | 4460933 | 1 | Plug, Male - 12 Position | |
| 7 | 4460465 | 10 | Socket, Female | |
| 7 | 4460466 | 2 | Plug, Terminal | |
| 8 | 1001098122 | 2 | Terminal, Ring | |
| 9 | 4460873 | 1 | Connector - 35 Position | |
| 9 | 4460871 | 21 | Socket, Female | |
| 9 | 4460905 | 14 | Plug, Terminal | |
| 10 | 4460894 | 1 | Plug, Male - 6 Position | |
| 10 | 4460465 | 6 | Socket, Female | |
| 11 | 4460708 | 1 | Connector - 15 Position | |
| 11 | 4460268 | 10 | Socket, Female | |
| 12 | 1001213447 | 1 | Connector, Female - 5 Position | |
| 13 | 4460866 | 1 | Connector - 19 Position | |
| 13 | 4460466 | 7 | Plug, Terminal | |
| 13 | 4460464 | 10 | Pin, Male | |
| 13 | 4460508 | 2 | Pin, Male | |
| 14 | 4460434 | 1 | Plug, Male - 15 Position | |
| 14 | 4460294 | 9 | Pin, Male | |
| 15 | 4460879 | 1 | Plug, Male - 2 Position | |
| 15 | 4460887 | 2 | Terminal | |
| 16 | 4460536 | 1 | Receptacle, Female - 3 Position | |
| 16 | 4460464 | 2 | Pin, Male | |
| 16 | 4460466 | 1 | Plug, Terminal | |
| 17 | 4460539 | 1 | Plug, Male - 3 Position | |
| 17 | 4460465 | 2 | Socket, Female | |
| 17 | 4460466 | 1 | Plug, Terminal | |
| 18 | 4460875 | 1 | Connector - 35 Position | |
| 18 | 4460905 | 24 | Plug, Terminal | |
| 18 | 4460871 | 11 | Socket, Female | |
| 19 | 2400060 | 2 | Holder, Fuse | |
| 19 | 8229242 | 1 | Fuse - 5Amp | |
| 19 | See Note | 1 | Fuse - 2Amp (Note: Purchase Locally) | |
| 20 | 4460761 | 1 | Receptacle, Female - 4 Position | |
| 20 | 4460294 | 4 | Pin, Male | |
| 21 | 4460874 | 1 | Connector - 35 Position | |
| 21 | 4460871 | 24 | Socket, Female | |
| 21 | 4460905 | 11 | Plug, Terminal | |
| 22 | 1001125677 | 1 | Connector, Bussbar | |

## FIGURE 8-50. PLATFORM CONSOLE HARNESS (UL SPECS)

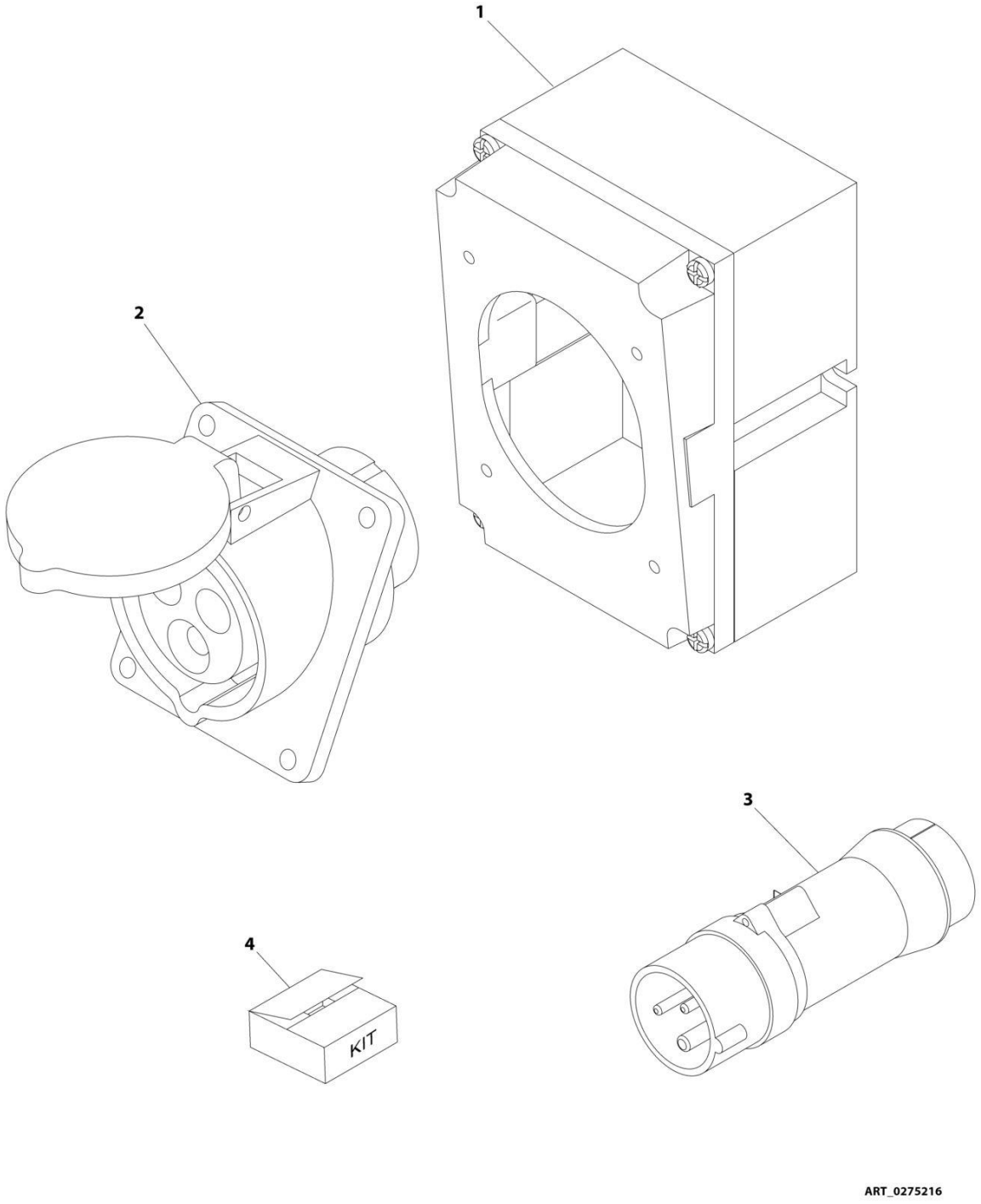


## FIGURE 8-50. PLATFORM CONSOLE HARNESS (UL SPECS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001272279 | Ref | PLATFORM CONSOLE HARNESS (UL SPECS) | B |
| 1 | 4460418 | 9 | Connector - 6 Position | |
| 1 | 4460419 | 14 | Terminal | |
| 1 | 1001159186 | 17 | Terminal | |
| 2 | 4460888 | 4 | Terminal, Fork | |
| 3 | 4460016 | 2 | Terminal | |
| 4 | 4460260 | 6 | Housing, Terminal | |
| 4 | 4460259 | 8 | Terminal | |
| 5 | 1001237667 | 1 | Connector - 6 Position | |
| 5 | 1001237668 | 4 | Terminal | |
| 6 | 4460225 | 1 | Connector - 6 Position | |
| 6 | 4460267 | 7 | Socket, Female | |
| 7 | 4460933 | 1 | Plug, Male - 12 Position | |
| 7 | 4460465 | 10 | Socket, Female | |
| 7 | 4460466 | 2 | Plug, Terminal | |
| 8 | 1001098122 | 2 | Terminal, Ring | |
| 9 | 4460873 | 1 | Connector - 35 Position | |
| 9 | 4460871 | 21 | Socket, Female | |
| 9 | 4460905 | 14 | Plug, Terminal | |
| 10 | 4460894 | 1 | Plug, Male - 6 Position | |
| 10 | 4460465 | 6 | Socket, Female | |
| 11 | 4460708 | 1 | Connector - 15 Position | |
| 11 | 4460268 | 10 | Socket, Female | |
| 12 | 1001213447 | 1 | Connector, Female - 5 Position | |
| 13 | 4460866 | 1 | Connector - 19 Position | |
| 13 | 4460466 | 7 | Plug, Terminal | |
| 13 | 4460464 | 10 | Pin, Male | |
| 13 | 4460508 | 2 | Pin, Male | |
| 14 | 4460434 | 1 | Plug, Male - 15 Position | |
| 14 | 4460294 | 9 | Pin, Male | |
| 15 | 4460879 | 1 | Plug, Male - 2 Position | |
| 15 | 4460887 | 2 | Terminal | |
| 16 | 4460536 | 1 | Receptacle, Female - 3 Position | |
| 16 | 4460464 | 2 | Pin, Male | |
| 16 | 4460466 | 1 | Plug, Terminal | |
| 17 | 4460539 | 1 | Plug, Male - 3 Position | |
| 17 | 4460465 | 2 | Socket, Female | |
| 17 | 4460466 | 1 | Plug, Terminal | |
| 18 | 4460875 | 1 | Connector - 35 Position | |
| 18 | 4460905 | 24 | Plug, Terminal | |
| 18 | 4460871 | 11 | Socket, Female | |
| 19 | 2400060 | 2 | Holder, Fuse | |
| 19 | 8229242 | 1 | Fuse - 5Amp | |
| 19 | See Note | 1 | Fuse - 2Amp (Note: Purchase Locally) | |
| 20 | 4460761 | 1 | Receptacle, Female - 4 Position | |
| 20 | 4460294 | 4 | Pin, Male | |
| 21 | 4460874 | 1 | Connector - 35 Position | |
| 21 | 4460871 | 24 | Socket, Female | |
| 21 | 4460905 | 11 | Plug, Terminal | |
| 22 | 1001125677 | 1 | Connector, Bussbar | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 23 | 2400060 | 1 | Fuse Holder | |
| 23 | 8229242 | 1 | Fuse, 5A | |

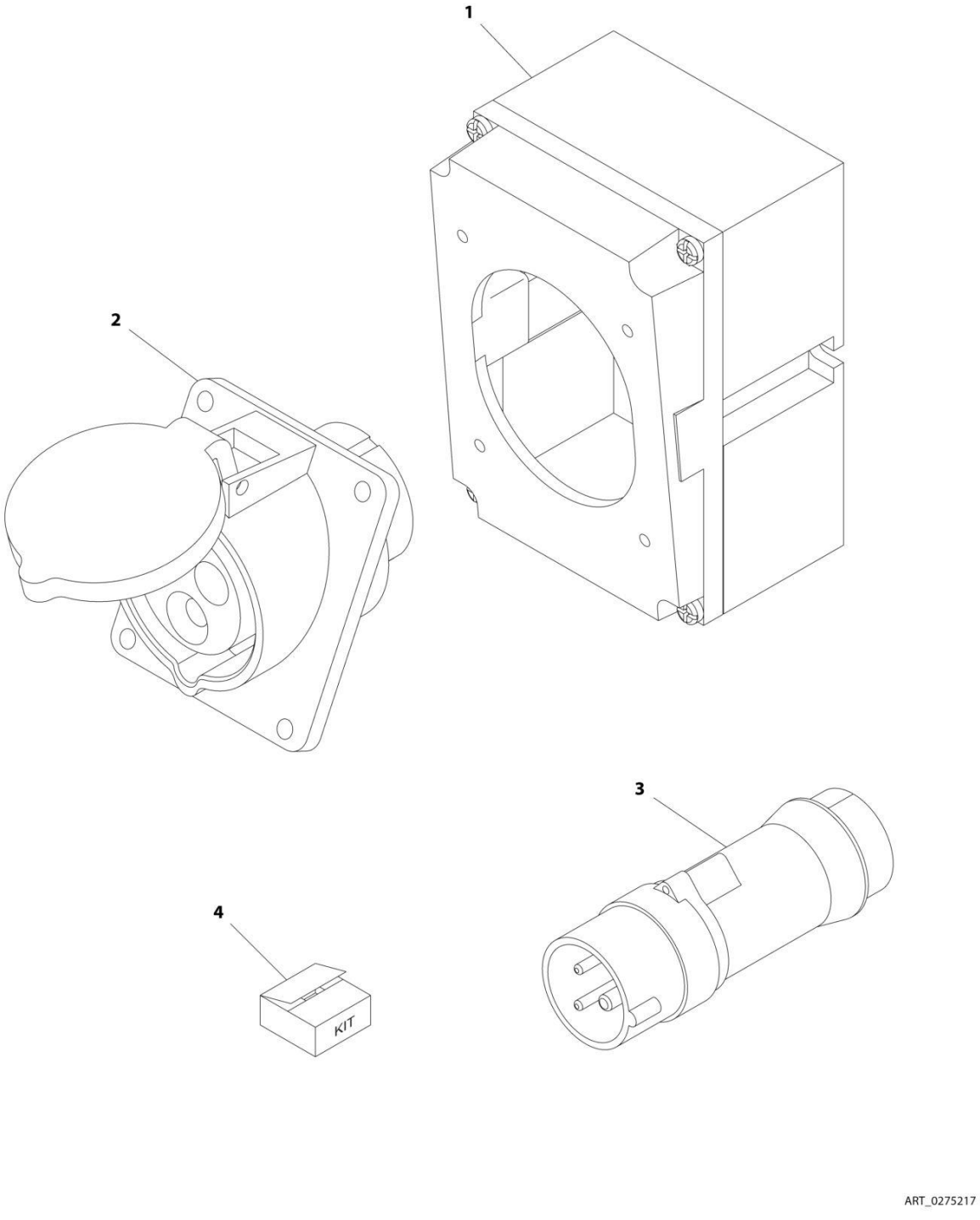
## FIGURE 8-51. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)



## FIGURE 8-51. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)

| 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) | |

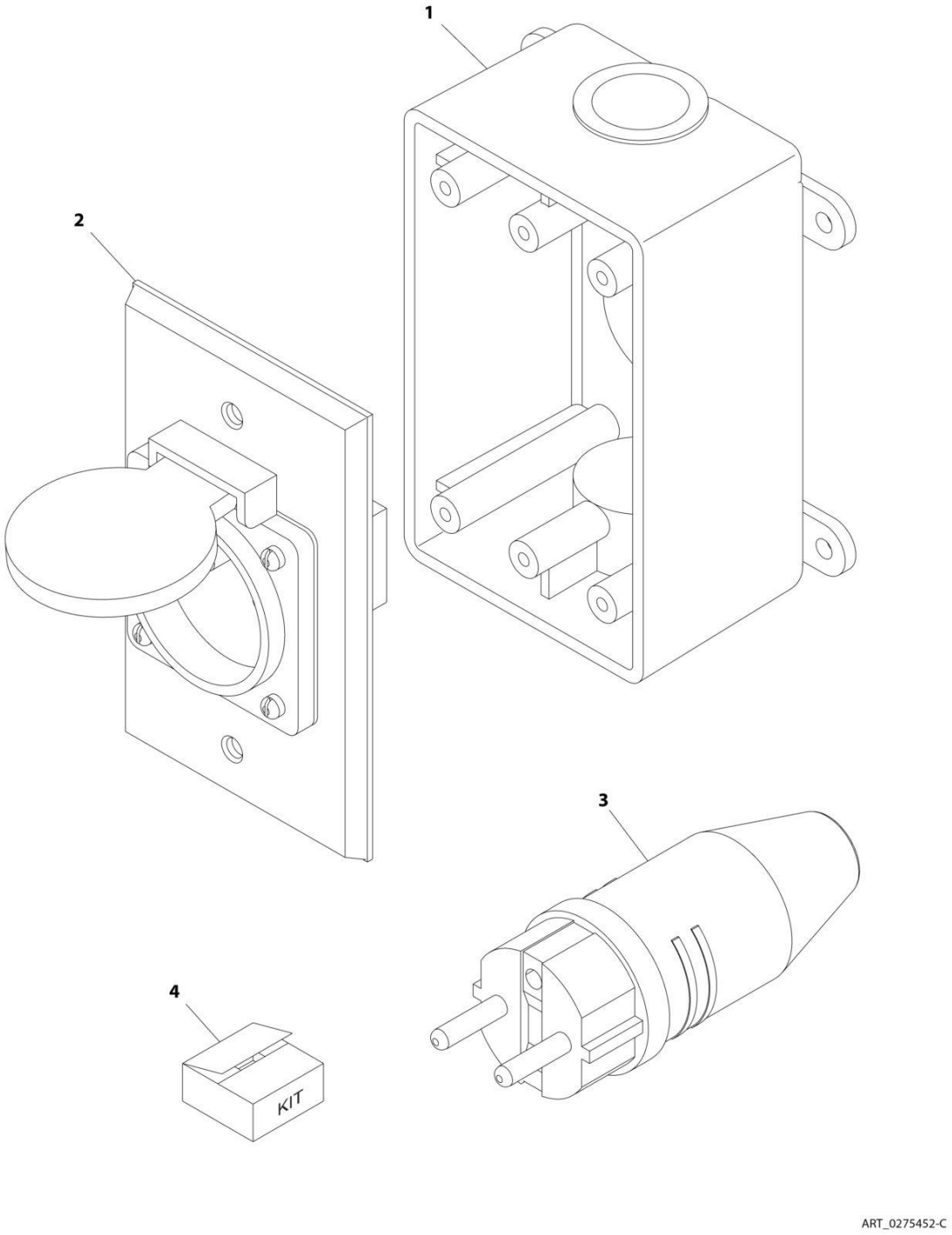
## FIGURE 8-52. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)



## FIGURE 8-52. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)

| 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) | |

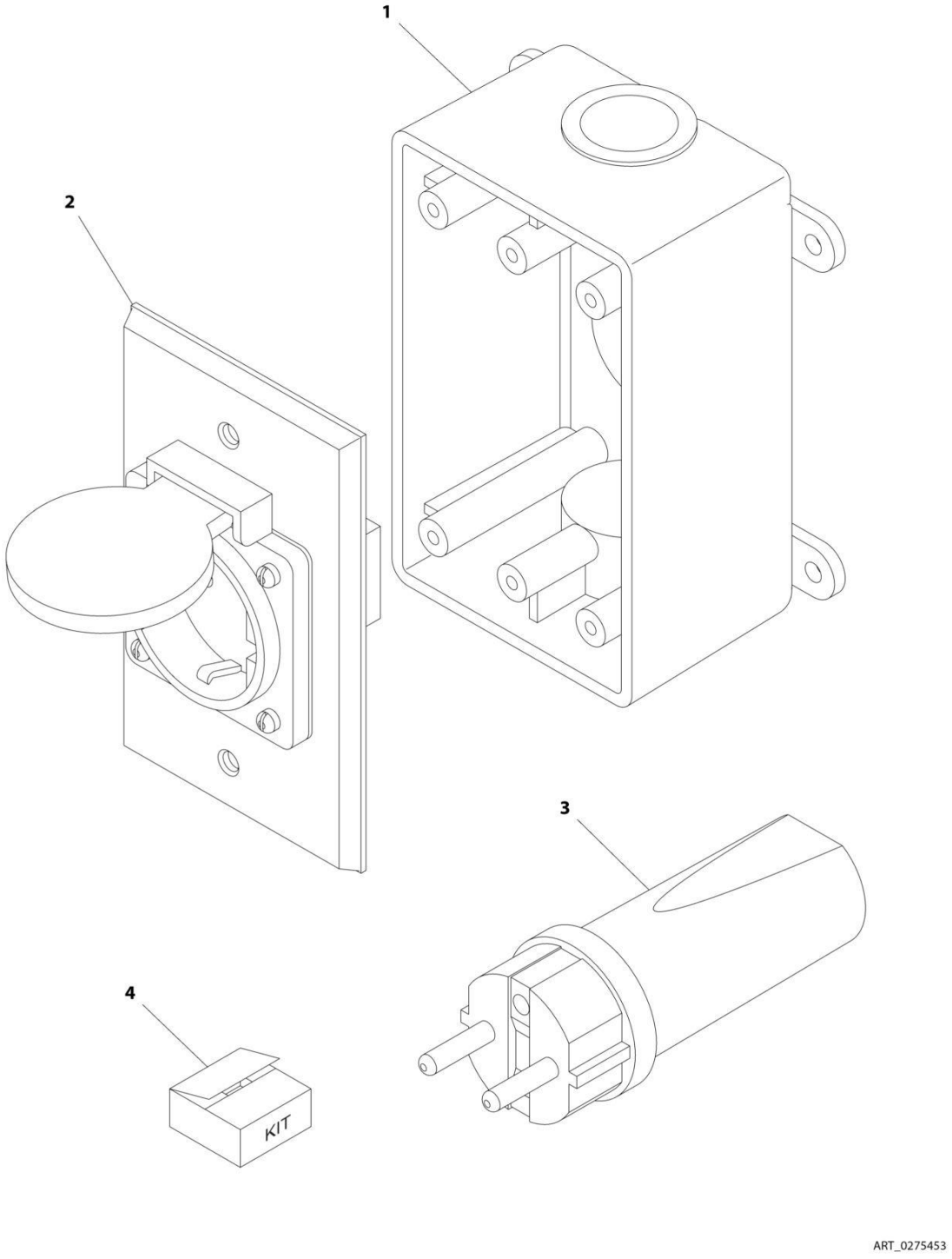
## FIGURE 8-53. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX (CE & UK CA SPEC)



## FIGURE 8-53. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX (CE & UK CA SPEC)

| 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) | |

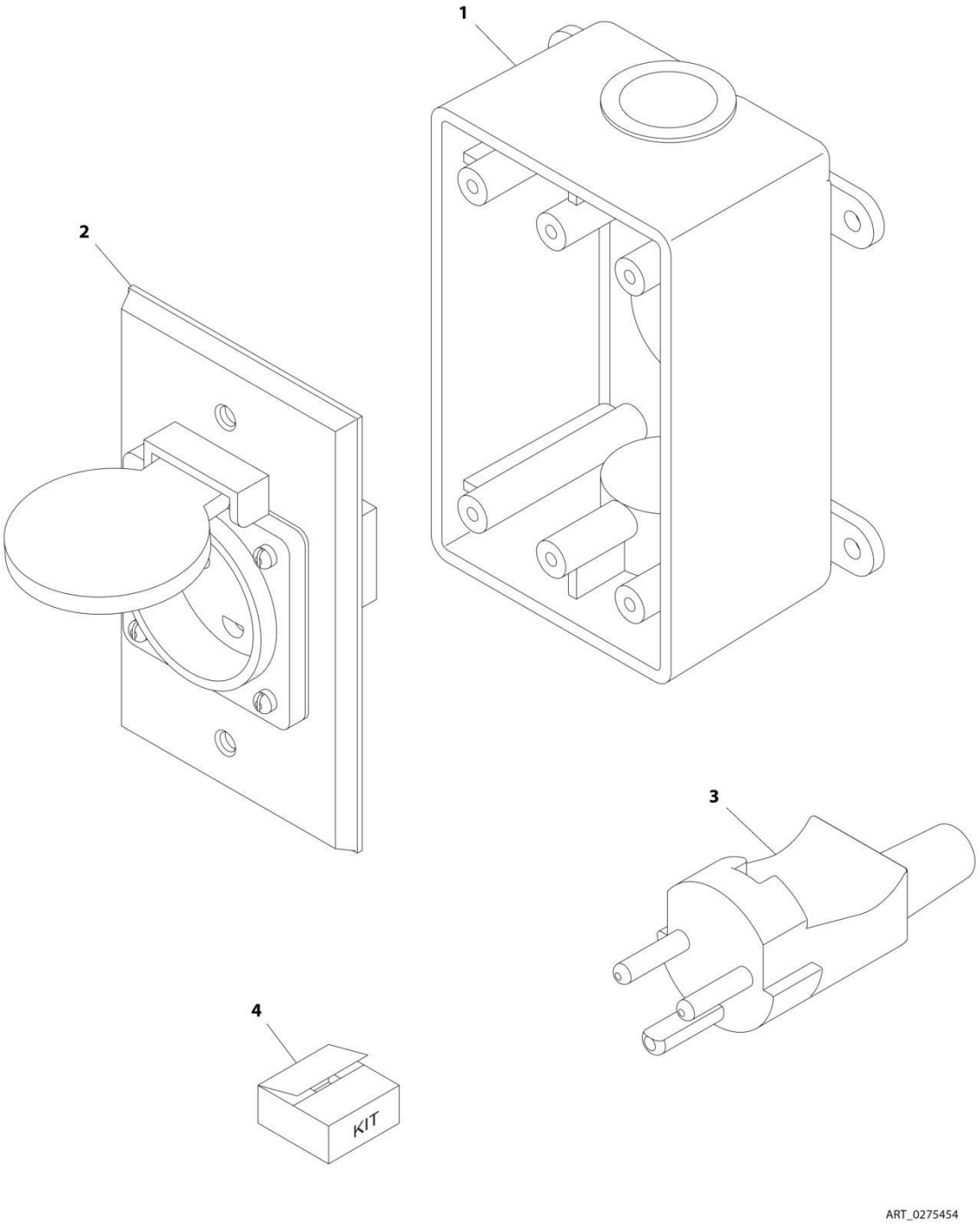
## FIGURE 8-54. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN BOX (CE & UK CA SPEC)



## FIGURE 8-54. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN BOX (CE & UK CA SPEC)

| 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) | |

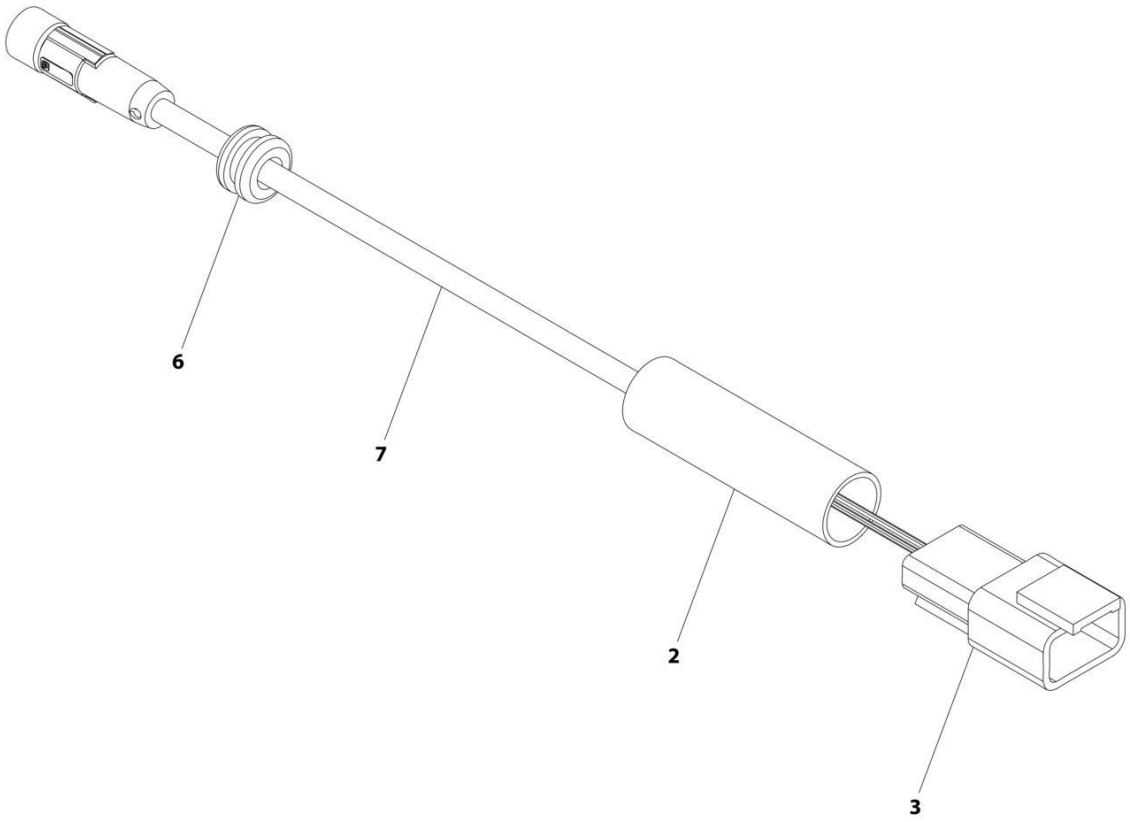
## FIGURE 8-55. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)



## FIGURE 8-55. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)

| 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) | |

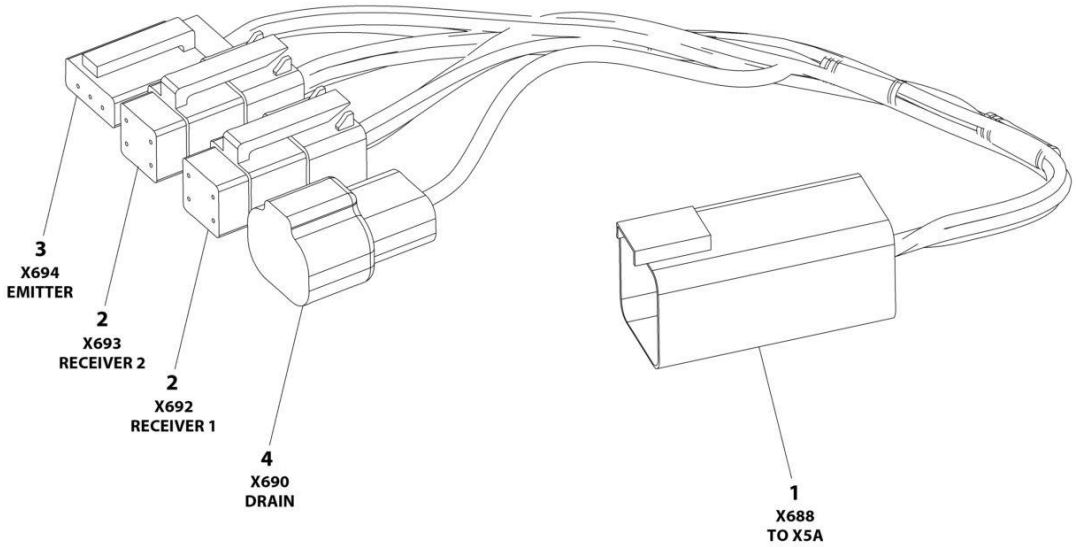
## FIGURE 8-56. SKYEYE EMITTER HARNESS



## FIGURE 8-56. 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 8-57. SKYEYE INTERMEDIATE HARNESS

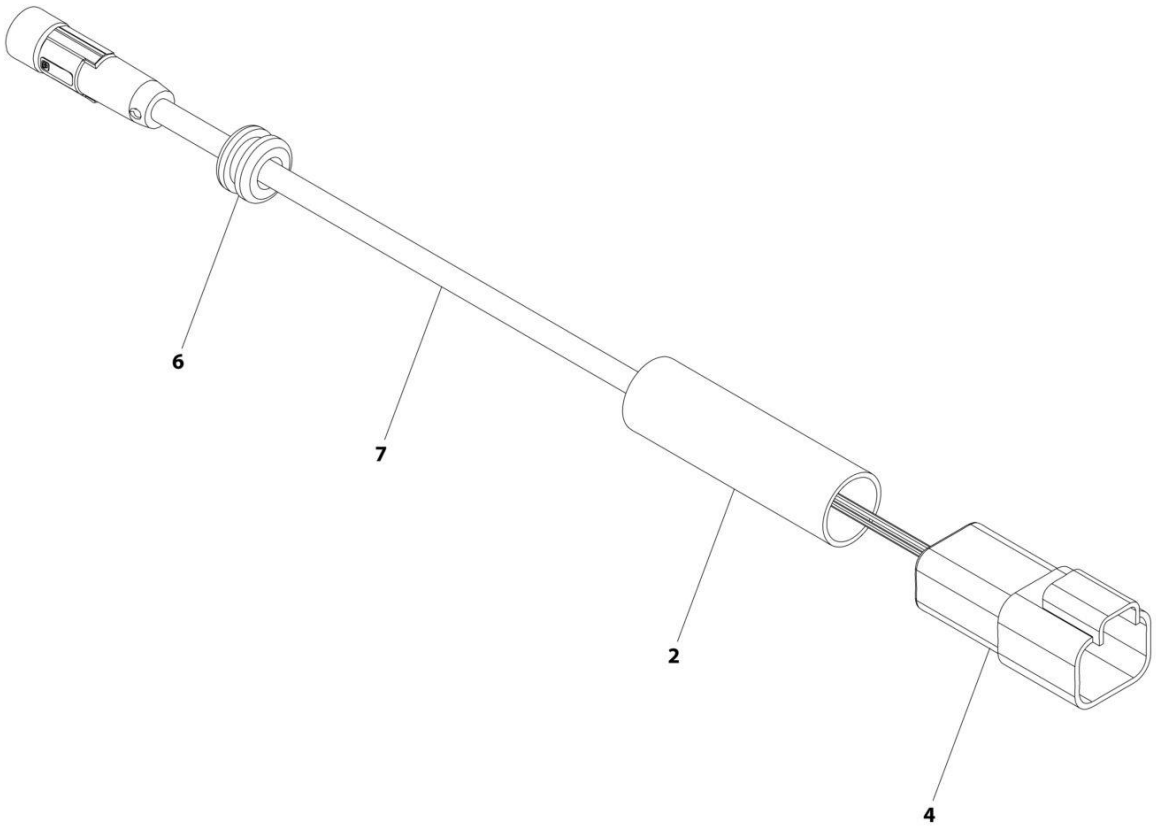



ART_1001237865

## FIGURE 8-57. 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 | |

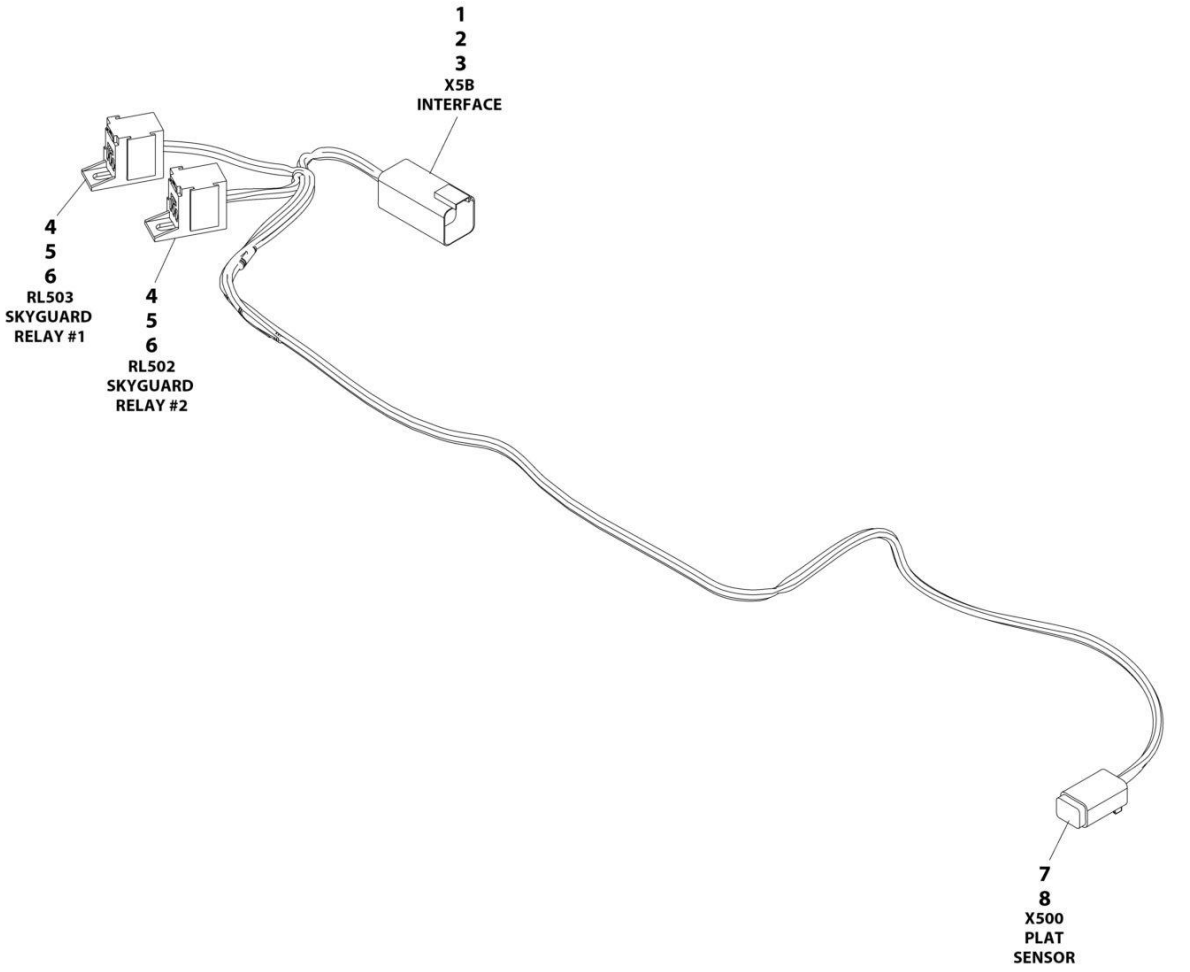
## FIGURE 8-58. SKYEYE RECEIVER HARNESS



## FIGURE 8-58. 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 | |

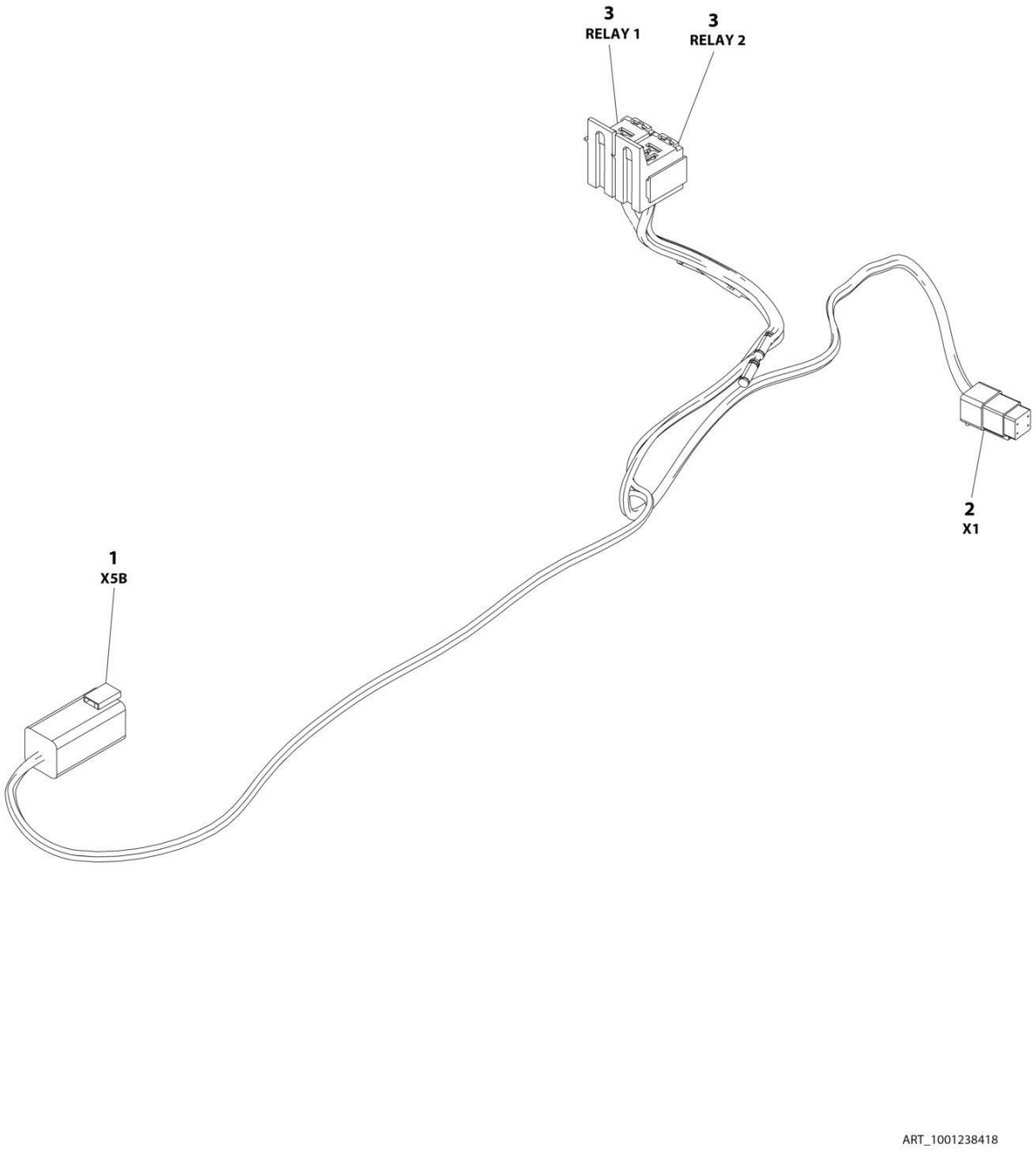
## FIGURE 8-59. SKYGUARD INTERFACE HARNESS



## FIGURE 8-59. SKYGUARD INTERFACE 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 | |

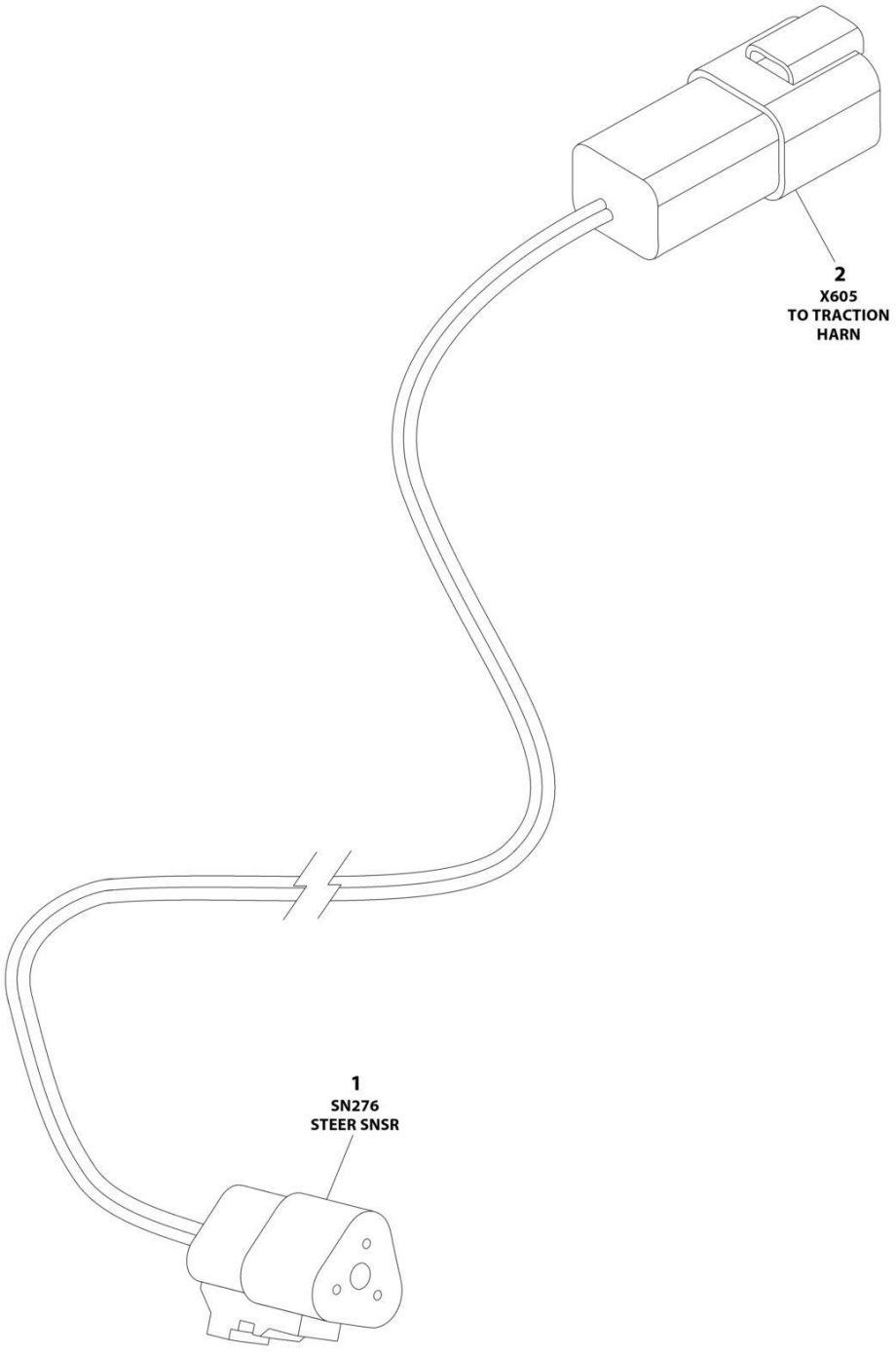
## FIGURE 8-60. SKYLINE HARNESS



## FIGURE 8-60. 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 | |

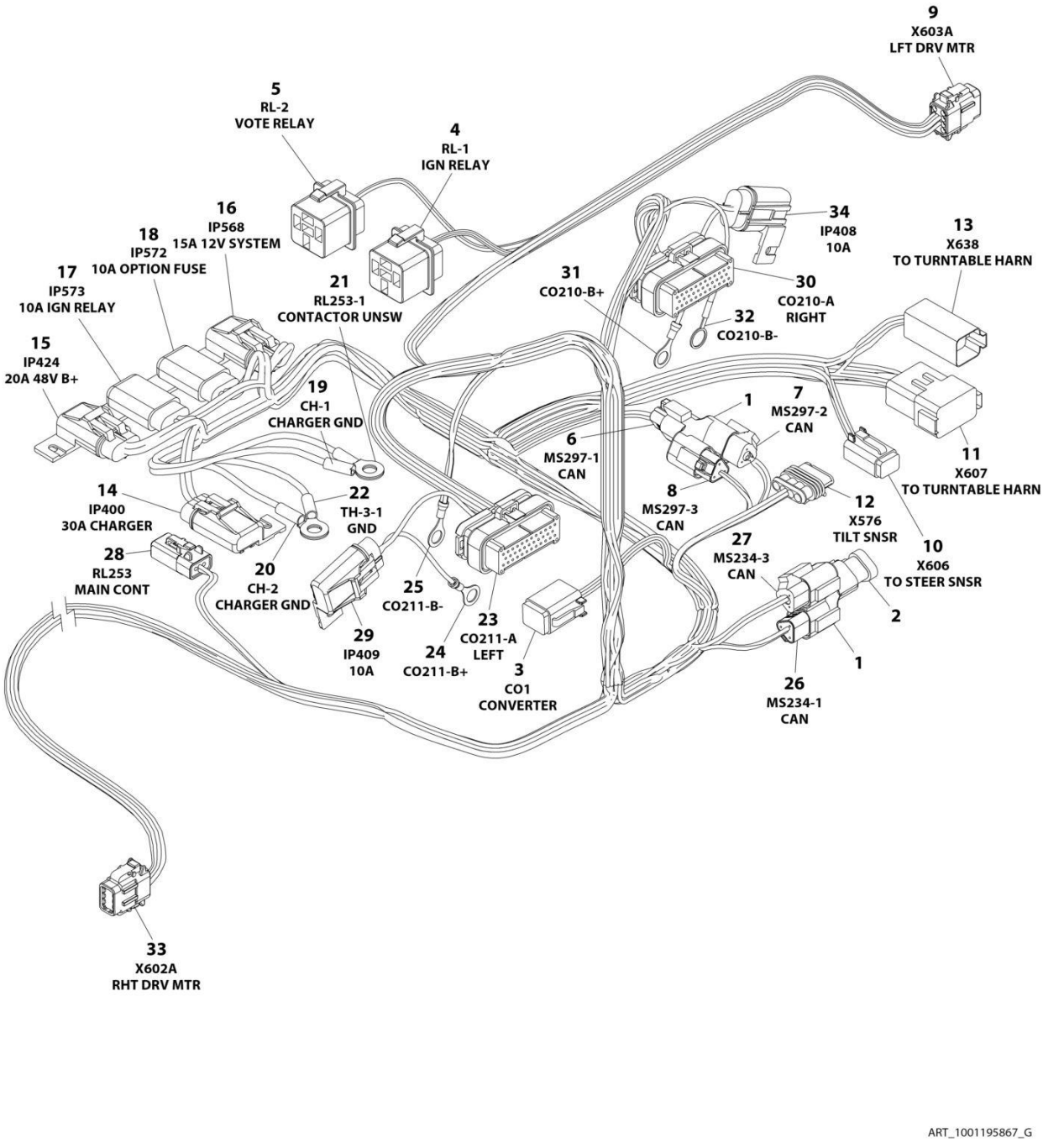
## FIGURE 8-61. STEERING SENSOR HARNESS



## FIGURE 8-61. STEERING SENSOR HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195835 | Ref | STEERING SENSOR HARNESS | C |
| 1 | 4460539 | 1 | Connector - 4 Position | |
| 1 | 4460944 | 3 | Socket, Female | |
| 2 | 4460932 | 1 | Connector - 4 Position | |
| 2 | 4460464 | 4 | Pin, Male | |

## FIGURE 8-62. TRACTION HARNESS

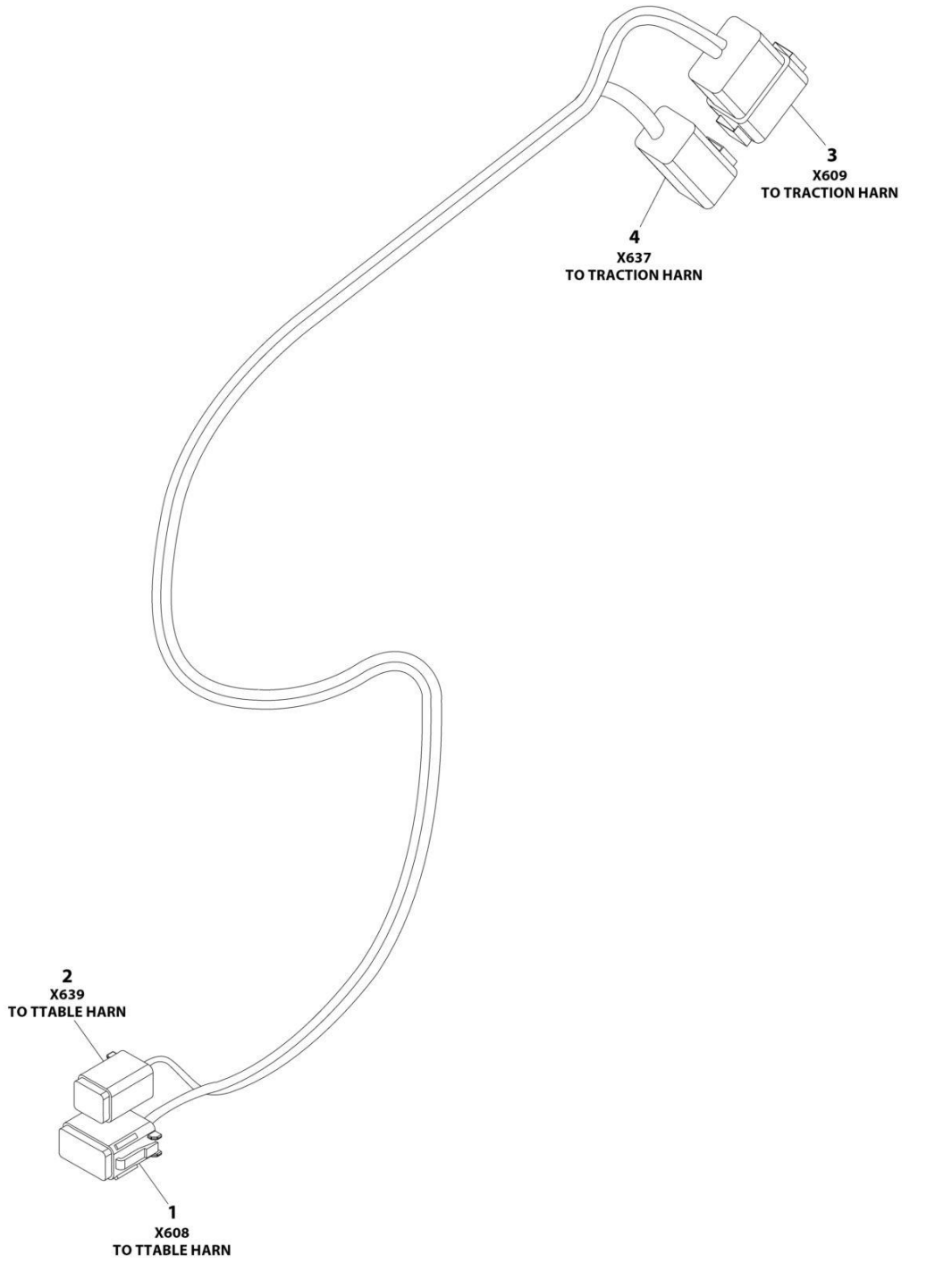


## FIGURE 8-62. TRACTION HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195867 | Ref | TRACTION HARNESS | G |
| 1 | 4460945 | 2 | Connector, 3 Way | |
| 2 | 1001116815 | 1 | Resistor Assembly | |
| 3 | 4460894 | 1 | Connector - 6 Position | |
| 3 | 1001157890 | 5 | Socket, Female | |
| 3 | 1001116692 | 1 | Socket, Female | |
| 4 | 4460374 | 1 | Plug, Relay | |
| 4 | 1001116732 | 4 | Terminal | |
| 4 | 1001116763 | 2 | Seal, Terminal | |
| 5 | 4460374 | 1 | Plug, Relay | |
| 5 | 1001116732 | 2 | Terminal | |
| 5 | 1001116733 | 2 | Terminal | |
| 5 | 1001116763 | 2 | Seal, Terminal | |
| 6 | 1001116812 | 1 | Connector - 3 Position | |
| 6 | 4460944 | 2 | Socket, Female | |
| 6 | 4460466 | 1 | Plug, Seal | |
| 7 | 4460539 | 1 | Connector - 3 Position | |
| 7 | 4460944 | 2 | Socket, Female | |
| 7 | 4460466 | 1 | Plug, Seal | |
| 8 | 1001116812 | 1 | Connector - 3 Position | |
| 8 | 4460944 | 2 | Socket, Female | |
| 8 | 4460466 | 1 | Plug, Seal | |
| 9 | 1001190577 | 1 | Connector - 8 | |
| 9 | 1001126008 | 8 | Socket, Female | |
| 10 | 4460884 | 1 | Connector - 4 Position | |
| 10 | 4460465 | 4 | Socket, Female | |
| 11 | 4460950 | 1 | Connector - 12 Position | |
| 11 | 1001157891 | 5 | Pin, Male | |
| 11 | 4460464 | 5 | Pin, Male | |
| 11 | 4460943 | 2 | Pin, Male | |
| 12 | 1001103012 | 1 | Connector - 4 Position | |
| 12 | 1001107854 | 4 | Terminal | |
| 12 | 1001104498 | 4 | Seal | |
| 13 | 4460899 | 1 | Connector - 6 Position | |
| 13 | 4460943 | 2 | Pin, Male | |
| 13 | 1001157891 | 2 | Pin, Male | |
| 13 | 4460464 | 2 | Pin, Male | |
| 14 | 1001217844 | 1 | Fuse Holder | |
| 14 | 1001217842 | 1 | Fuse, Cap Cover | |
| 14 | 1001170762 | 1 | Fuse, 30Amp | |
| 14 | 8229236 | 1 | Fuse, 30Amp | |
| 14 | 1001116734 | 2 | Terminal | |
| 15 | 1001217844 | 1 | Fuse Holder | |
| 15 | 1001217842 | 1 | Fuse, Cap Cover | |
| 15 | 1001170761 | 1 | Fuse, 20Amp | |
| 15 | 8229235 | 1 | Fuse, 20Amp | |
| 15 | 1001116734 | 2 | Terminal | |
| 16 | 1001217844 | 1 | Fuse Holder | |
| 16 | 1001217842 | 1 | Fuse, Cap Cover | |
| 16 | 8229237 | 1 | Fuse, 15Amp | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 16 | 1001116734 | 2 | Terminal | |
| 17 | 1001217844 | 1 | Fuse Holder | |
| 17 | 1001217842 | 1 | Fuse, Cap Cover | |
| 17 | 8229235 | 1 | Fuse, 20Amp | |
| 17 | 1001116734 | 2 | Terminal | |
| 18 | 1001217844 | 1 | Fuse Holder | |
| 18 | 1001217842 | 1 | Fuse, Cap Cover | |
| 18 | 8229261 | 1 | Fuse, 5Amp | |
| 18 | 1001116734 | 1 | Terminal | |
| 18 | 1001116733 | 1 | Terminal | |
| 19 | 8220045 | 1 | Terminal, Ring | |
| 20 | 8220045 | 1 | Terminal, Ring | |
| 21 | 8220045 | 1 | Terminal, Ring | |
| 22 | 8220045 | 1 | Terminal, Ring | |
| 23 | 4460873 | 1 | Connector - 35 Position | |
| 23 | 4460871 | 15 | Socket, Female | |
| 23 | 4460905 | 20 | Plug, Terminal | |
| 24 | 4460670 | 1 | Terminal, Ring | |
| 25 | 4460670 | 1 | Terminal, Ring | |
| 26 | 1001116812 | 1 | Connector - 3 Position | |
| 26 | 4460944 | 2 | Socket, Female | |
| 26 | 4460466 | 1 | Plug, Seal | |
| 27 | 4460539 | 1 | Connector - 3 Position | |
| 27 | 4460944 | 2 | Socket, Female | |
| 27 | 4460466 | 1 | Plug, Seal | |
| 28 | 1001126245 | 1 | Connector - 2 Position | |
| 28 | 1001126008 | 2 | Socket, Female | |
| 29 | 1001217843 | 1 | Fuse Holder | |
| 29 | 1001217842 | 1 | Fuse, Cap Cover | |
| 29 | 8229234 | 1 | Fuse, 10Amp | |
| 29 | 1001116733 | 2 | Terminal | |
| 30 | 4460873 | 1 | Connector - 35 Position | |
| 30 | 4460871 | 12 | Socket, Female | |
| 30 | 4460905 | 23 | Plug, Terminal | |
| 31 | 4460670 | 1 | Terminal, Ring | |
| 32 | 4460703 | 1 | Terminal, Ring | |
| 33 | 1001190577 | 1 | Connector - 8 Position | |
| 33 | 1001126008 | 8 | Socket, Female | |
| 34 | 1001217843 | 1 | Fuse Holder | |
| 34 | 1001217842 | 1 | Fuse, Cap Cover | |
| 34 | 8229234 | 1 | Fuse, 10Amp | |
| 34 | 1001116733 | 2 | Terminal | |

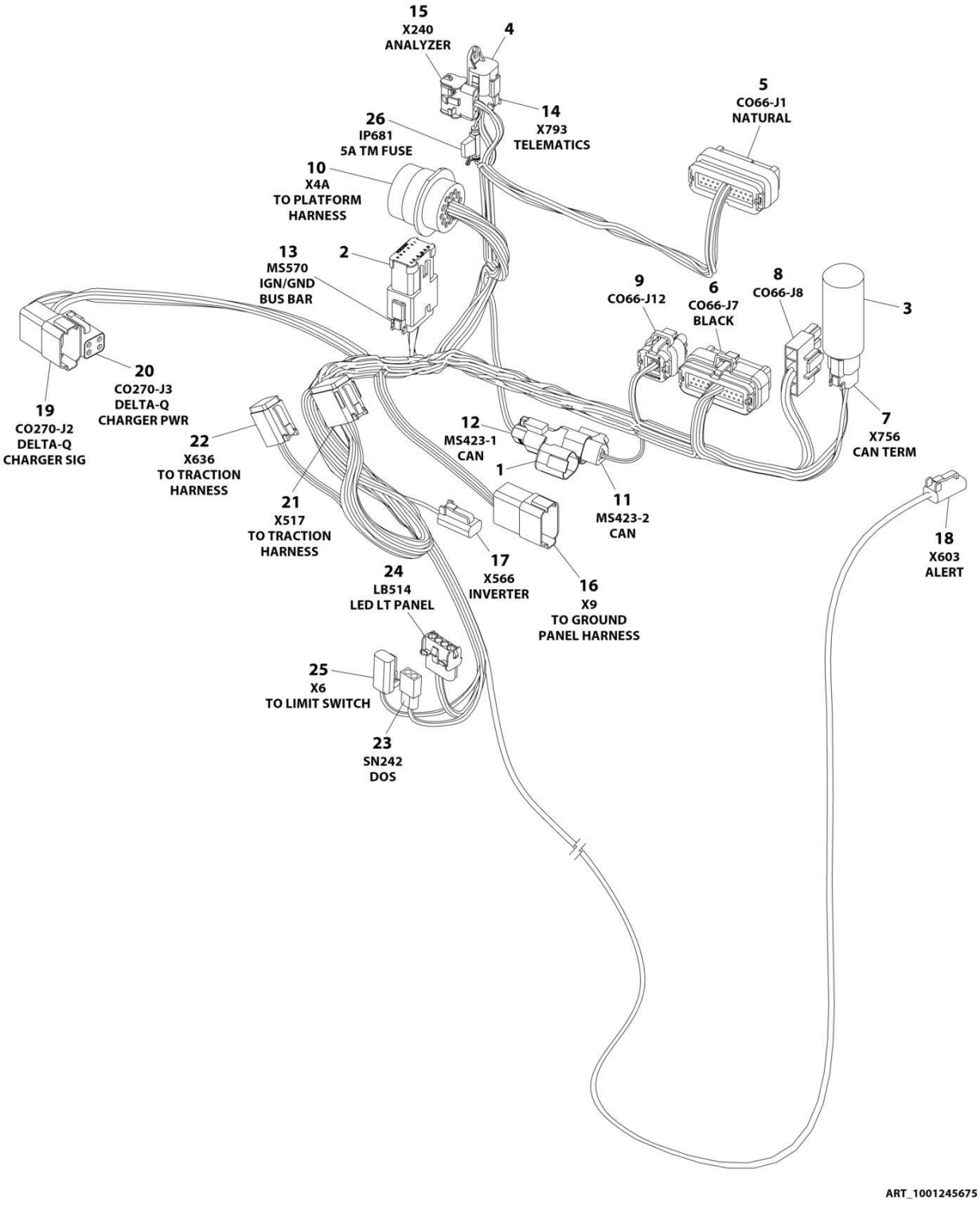
## FIGURE 8-63. TRACTION TO TURNTABLE HARNESS



## FIGURE 8-63. TRACTION TO TURNTABLE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195836 | Ref | TRACTION TO TURNTABLE HARNESS | D |
| 1 | 4460950 | 1 | Connector - 12 Position | |
| 1 | 1001157891 | 5 | Pin, Male | |
| 1 | 4460464 | 5 | Pin, Male | |
| 1 | 4460943 | 2 | Pin, Male | |
| 2 | 4460899 | 1 | Connector - 6 Position | |
| 2 | 1001157891 | 2 | Pin, Male | |
| 2 | 4460464 | 2 | Pin, Male | |
| 2 | 4460943 | 2 | Pin, Male | |
| 3 | 4460836 | 1 | Connector - 12 Position | |
| 3 | 1001157890 | 5 | Socket, Female | |
| 3 | 4460465 | 5 | Socket, Female | |
| 3 | 4460944 | 2 | Socket, Female | |
| 4 | 4460894 | 1 | Connector - 6 Position | |
| 4 | 1001157890 | 2 | Socket, Female | |
| 4 | 4460465 | 2 | Socket, Female | |
| 4 | 4460944 | 2 | Socket, Female | |

## FIGURE 8-64. TURNTABLE HARNESS

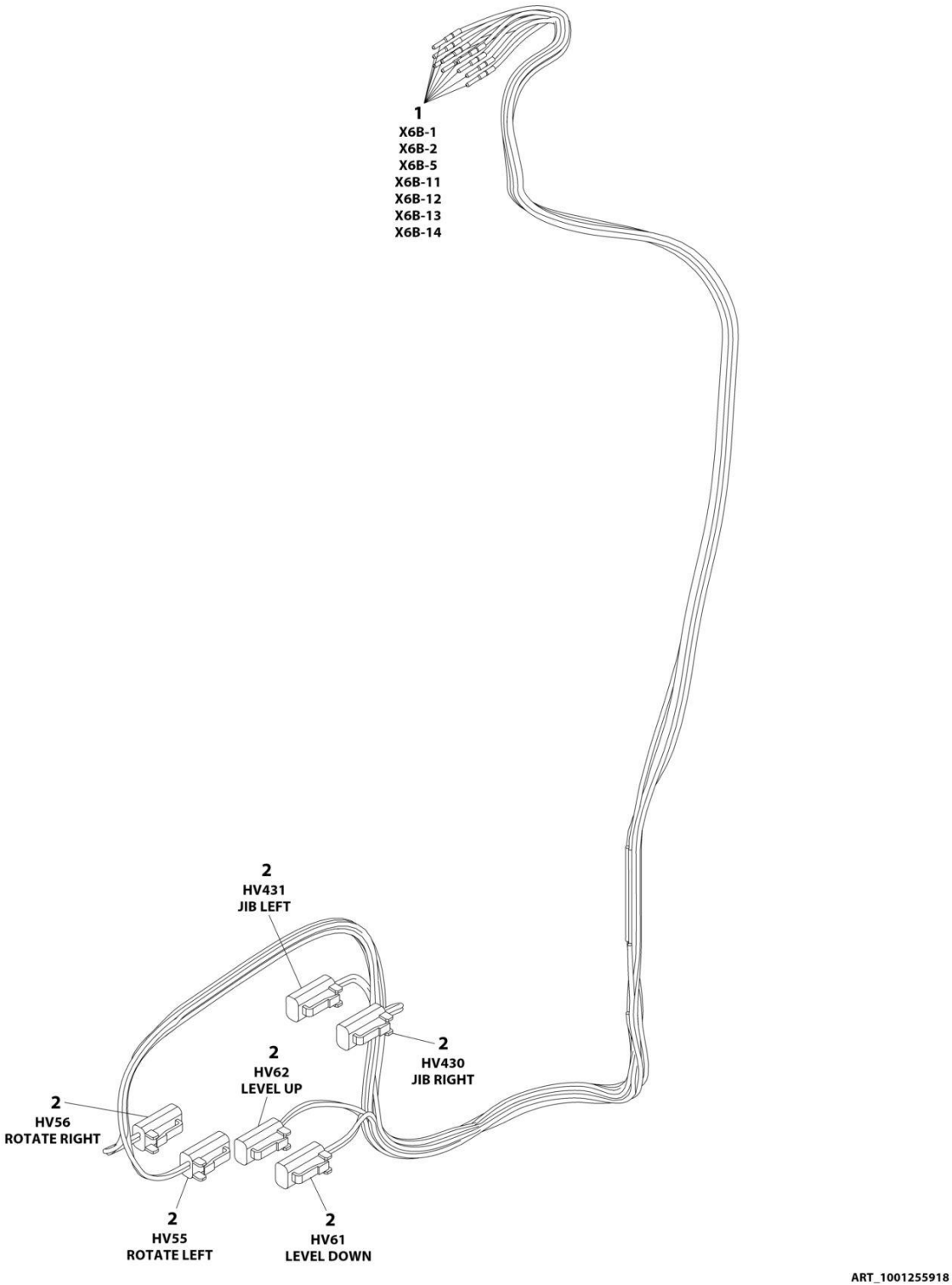


## FIGURE 8-64. TURNTABLE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001245675 | Ref | TURNTABLE HARNESS | B |
| 1 | 4460945 | 1 | Connector, 3 Way | |
| 2 | 1001125677 | 1 | Connector, Buss Bar - 12 Position | |
| 3 | 1001186231 | 1 | Connector, Can Terminal | |
| 4 | 1001192401 | 1 | Connector, Dust Cap | |
| 5 | 4460874 | 1 | Connector - 35 Position (Natural) | |
| 5 | 4460871 | 10 | Socket, Female | |
| 5 | 4460905 | 25 | Plug, Terminal | |
| 6 | 4460873 | 1 | Connector - 35 Position (Black) | |
| 6 | 4460871 | 15 | Socket, Female | |
| 6 | 4460905 | 20 | Plug, Terminal | |
| 7 | 4460884 | 1 | Connector - 4 Position | |
| 7 | 4460465 | 4 | Socket, Female | |
| 8 | 4460878 | 1 | Connector - 4 Position | |
| 8 | 4460887 | 4 | Terminal | |
| 9 | 1001113961 | 1 | Connector - 8 Position | |
| 9 | 4460871 | 3 | Socket, Female | |
| 9 | 4460905 | 5 | Plug, Terminal | |
| 10 | 4460866 | 1 | Connector - 19 Pin | |
| 10 | 4460464 | 7 | Pin, Male | |
| 10 | 4460508 | 4 | Pin, Male | |
| 10 | 4460943 | 2 | Pin, Male | |
| 10 | 4460466 | 6 | Plug, Seal | |
| 11 | 4460539 | 1 | Terminal, Deutsch - 3 Position Female | |
| 11 | 4460944 | 2 | Socket, Female | |
| 11 | 4460466 | 1 | Plug, Terminal | |
| 12 | 1001116812 | 1 | Connector - 3 Position | |
| 12 | 4460944 | 2 | Socket, Female | |
| 12 | 4460466 | 1 | Plug, Terminal | |
| 13 | 4460933 | 1 | Connector - 12 Position (Gray) | |
| 13 | 4460465 | 2 | Socket, Female | |
| 13 | 4460942 | 3 | Socket, Female | |
| 13 | 4460509 | 1 | Socket, Female | |
| 13 | 4460466 | 6 | Plug, Terminal | |
| 14 | 4460884 | 1 | Connector - 4 Position | |
| 14 | 4460465 | 3 | Socket, Female | |
| 14 | 4460942 | 1 | Socket, Female | |
| 15 | 4460761 | 1 | Connector, Female - 4 Position | |
| 15 | 4460227 | 4 | Socket, Female | |
| 16 | 4460931 | 1 | Connector - 8 Position | |
| 16 | 1001157891 | 2 | Pin, Male | |
| 16 | 1001116693 | 5 | Pin, Male | |
| 16 | 4460466 | 1 | Plug, Terminal | |
| 17 | 4460891 | 1 | Connector - 2 Position | |
| 17 | 4460465 | 1 | Pin, Male | |
| 17 | 4460466 | 1 | Plug, Terminal | |
| 18 | 4460891 | 1 | Connector - 2 Position | |
| 18 | 4460465 | 2 | Pin, Male | |
| 19 | 4460931 | 1 | Connector - 8 Position | |
| 19 | 4460464 | 6 | Pin, Male | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 19 | 4460466 | 2 | Plug, Terminal | |
| 20 | 1001116810 | 1 | Connector – 4 Position | |
| 20 | 4460509 | 2 | Socket, Female | |
| 20 | 4460466 | 2 | Plug, Terminal | |
| 21 | 4460836 | 1 | Connector - 12 Position | |
| 21 | 1001157890 | 5 | Socket, Female | |
| 21 | 4460465 | 5 | Socket, Female | |
| 21 | 4460944 | 2 | Socket, Female | |
| 22 | 4460894 | 1 | Connector - 6 Position | |
| 22 | 1001157890 | 2 | Socket, Female | |
| 22 | 4460465 | 2 | Socket, Female | |
| 22 | 4460944 | 2 | Socket, Female | |
| 23 | 4460424 | 1 | Connector - 2 Position | |
| 23 | 4460226 | 2 | Socket, Female | |
| 24 | 4460761 | 1 | Connector, Female - 4 Position | |
| 24 | 4460227 | 4 | Socket, Female | |
| 25 | 4460891 | 1 | Connector - 2 Position | |
| 25 | 4460465 | 2 | Pin, Male | |
| 26 | 2400060 | 1 | Fuse Holder with Cover | |
| 26 | 8229242 | 1 | Fuse 5 Amp | |

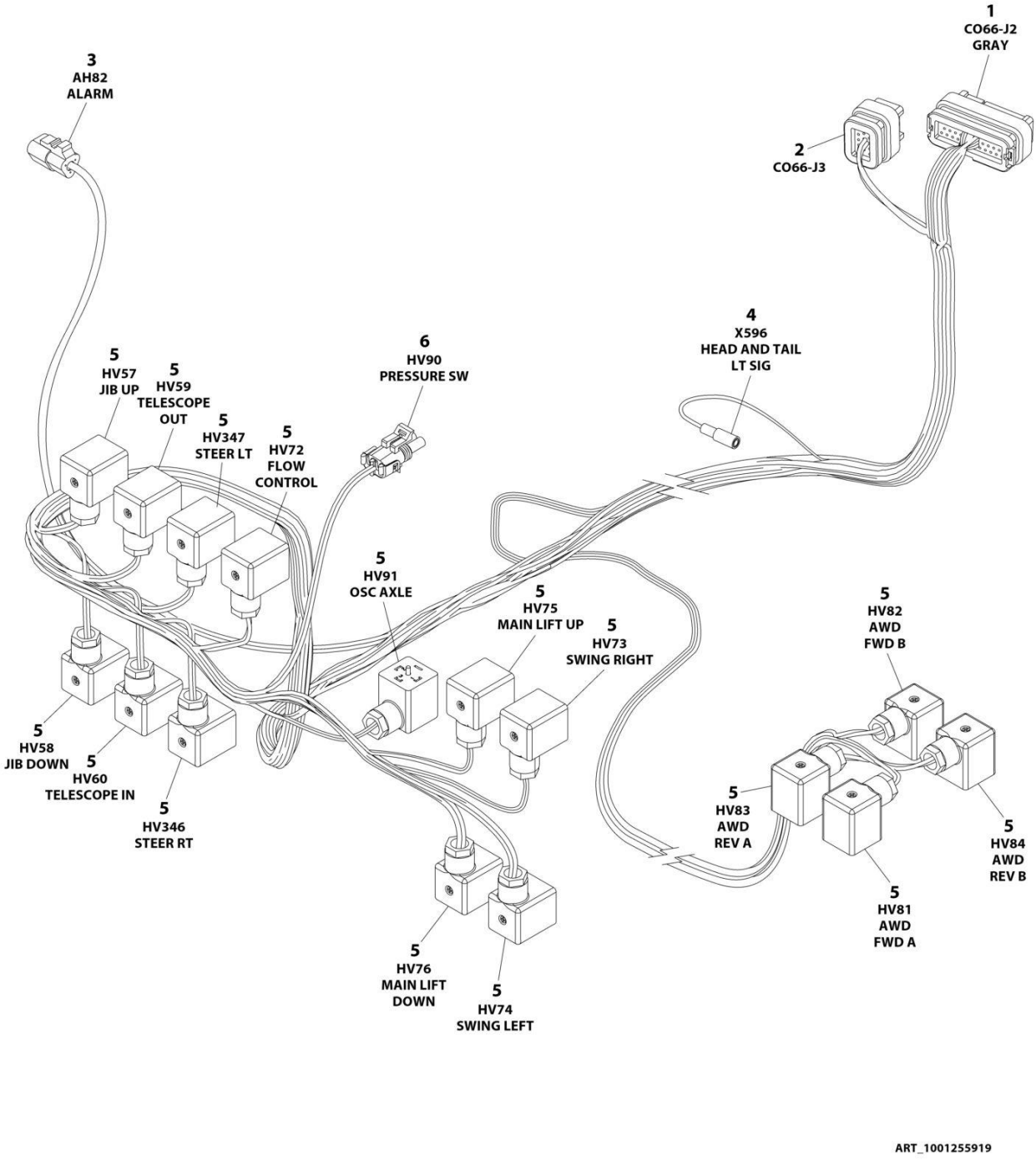
## FIGURE 8-65. VALVE HARNESS - BOOM VALVE



## FIGURE 8-65. VALVE HARNESS - BOOM VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001255918 | Ref | VALVE HARNESS - BOOM VALVE | A |
| 1 | 4460227 | 7 | Pin, Male | |
| 2 | 4460891 | 6 | Plug, Male - 2 Position | |
| 2 | 4460465 | 12 | Socket, Female | |

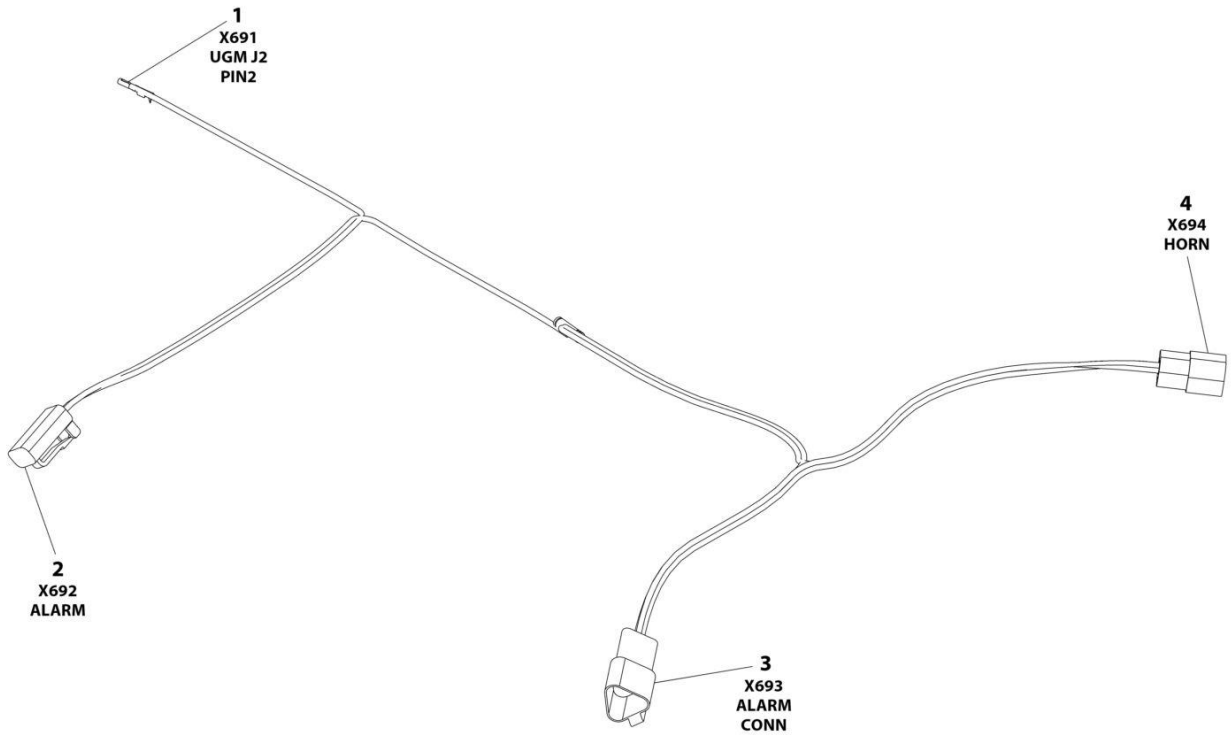
## FIGURE 8-66. VALVE HARNESS - MAIN CONTROL VALVE



## FIGURE 8-66. VALVE HARNESS - MAIN CONTROL VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001255919 | Ref | VALVE HARNESS - MAIN CONTROL VALVE | B |
| 1 | 4460875 | 1 | Connector - 35 Position (Gray) | |
| 1 | 4460871 | 26 | Socket, Female | |
| 1 | 4460905 | 9 | Plug, Terminal | |
| 2 | 4460872 | 1 | Connector - 14 Position | |
| 2 | 4460871 | 4 | Socket, Female | |
| 2 | 4460905 | 10 | Plug, Terminal | |
| 3 | 4460539 | 1 | Terminal, Deutsch - 3 Position Female | |
| 3 | 4460465 | 3 | Socket, Female | |
| 4 | 8220068 | 1 | Terminal, Snap Plug | |
| 5 | 4460449 | 16 | DIN Connector without Diode | |
| 6 | 4460742 | 1 | Connector - 2 Position | |
| 6 | 4460743 | 2 | Terminal, Female | |
| 6 | 4460458 | 2 | Seal, Cable | |

## FIGURE 8-67. WHITE NOISE ALARM HARNESS



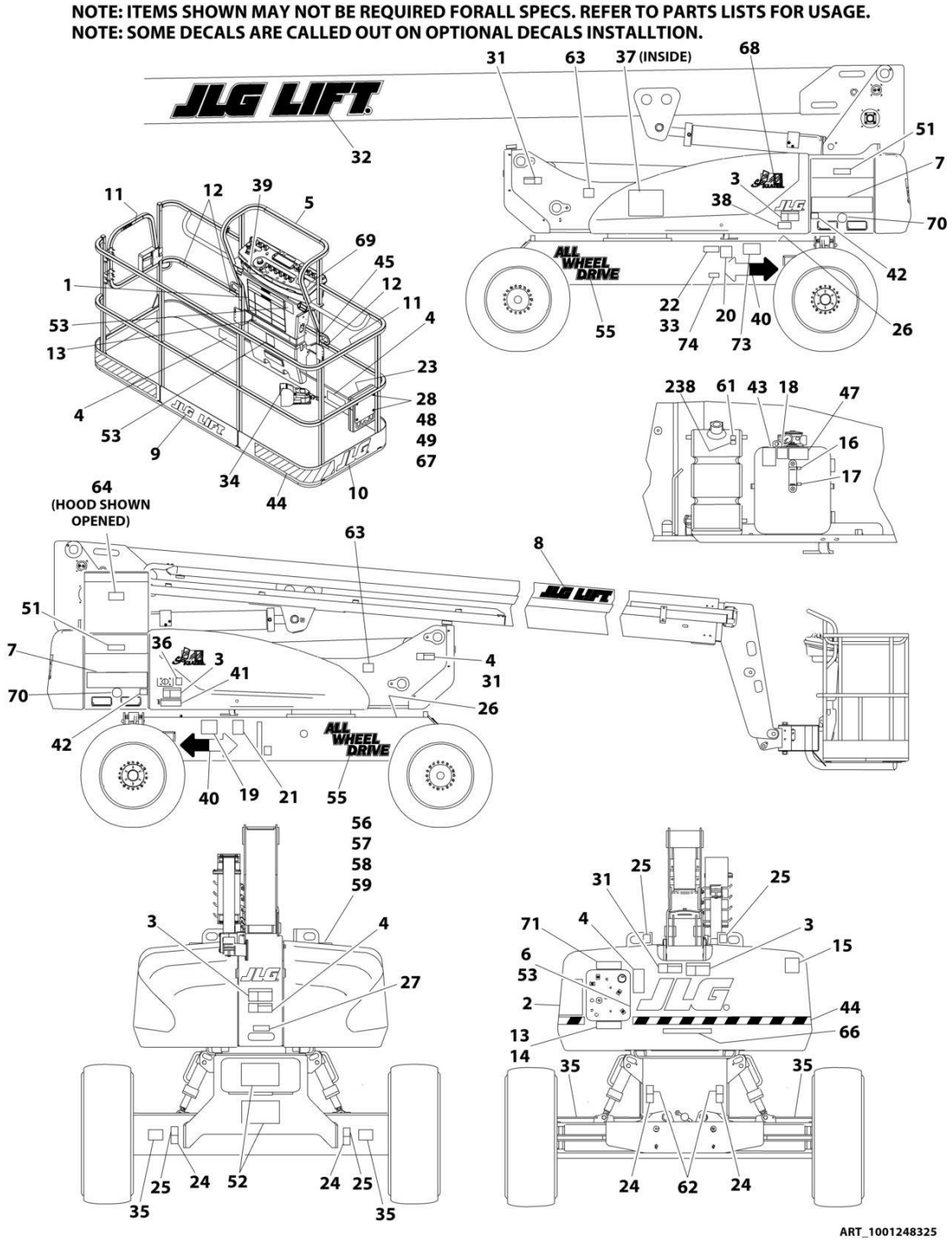
## FIGURE 8-67. WHITE NOISE ALARM HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001231007 | Ref | WHITE NOISE ALARM INSTALLATION | B |
| 1 | 4460871 | 1 | Terminal | |
| 2 | 4460891 | 1 | Plug, Male - 2 Position | |
| 2 | 4460465 | 2 | Socket, Female | |
| 3 | 4460536 | 1 | Receptacle, Female - 3 Position | |
| 3 | 4460464 | 3 | Pin, Male | |
| 4 | 4460539 | 1 | Plug, Male - 3 Position | |
| 4 | 4460465 | 3 | Socket, Female | |

# SECTION 9 - DECALS

# SECTION 9 - DECALS

## FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT, CHINA & UL SPECS (ENGLISH LANGUAGE)

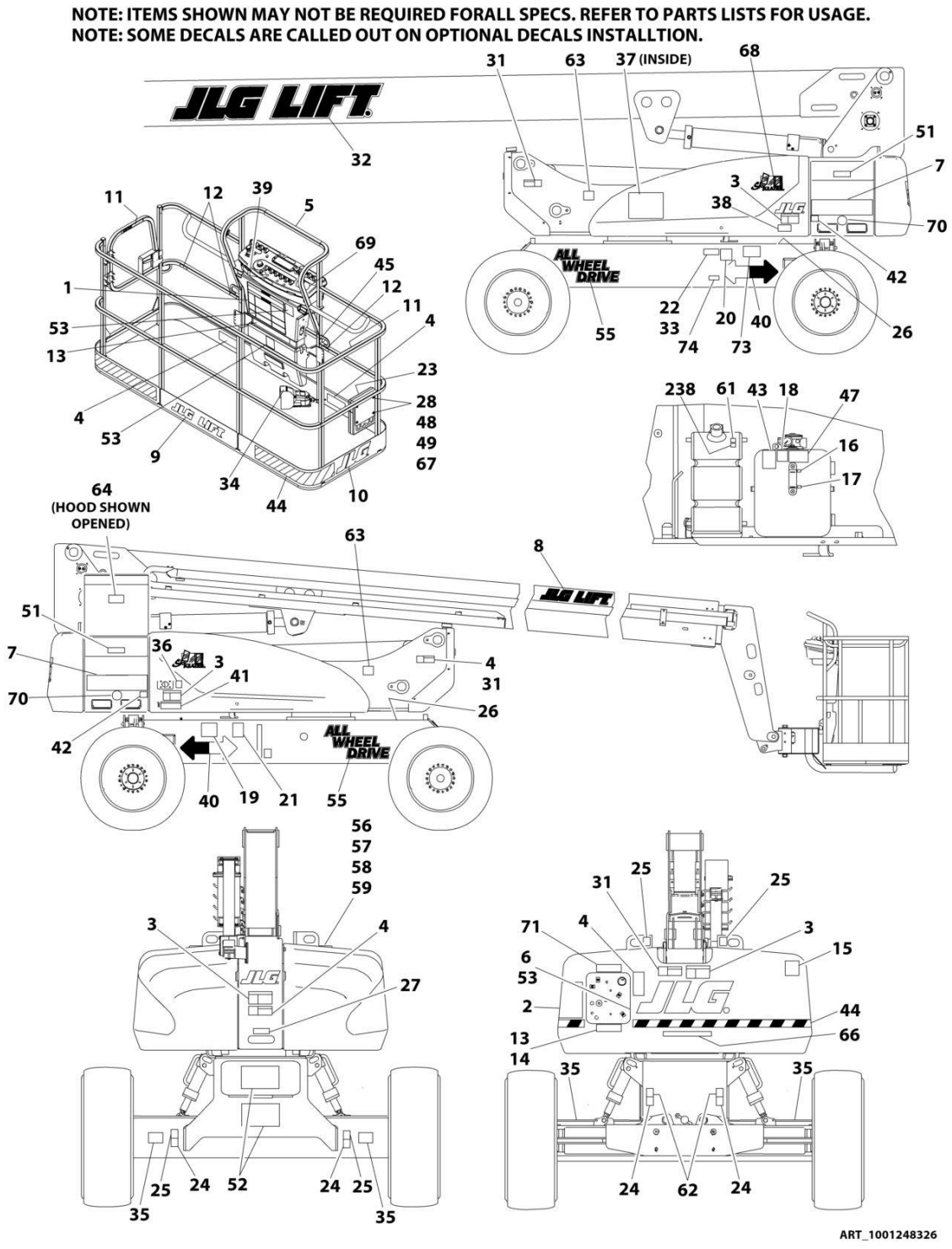


## FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT, CHINA & UL SPECS (ENGLISH LANGUAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248325 | Ref | DECAL INSTALLATION | C |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1703797 | 1 | Decal - Danger/Warning (Platform) | |
| 2 | 1704575 | 1 | Decal - Danger/Warning (MTB) | |
| 3 | 1703805 | 4 | Decal - Electrocution | |
| 4 | 1703804 | 3 | Decal - Crushing | |
| 11 | 1702868 | 2 | Decal - No Hands | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1001253920 | 1 | Decal - Warning / Capacity | |
| 14 | 1001253921 | 1 | Decal - Warning / Capacity | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Barcode (Note: Not Available for Purchase) | |
| 21 | 1001131269 | 1 | Decal - Patent | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 6 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 2 | Decal - Arrow | |
| 27 | 3251243 | 1 | Nameplate | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 31 | 1703953 | 3 | Decal - Warning/Crushing | |
| 33 | 3820001 | 2 | Rivet | |
| 34 | 3252347 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Max Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1702901 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1704248 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 46 | 1001231801 | 1 | Decal - Prop 65 | |
| 48 | 3311405 | 4 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1703813 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1702391 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704725 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |
| 67 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 69 | 1705351 | 1 | Decal - Drive/Steer Instructions | |
| 73 | 1001223055 | 1 | Decal - Yearly Inspection | |
| 74 | 1001228370 | 1 | Decal - ICES (Canada Spec) | |

# SECTION 9 - DECALS

## FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN, CE & UK CA SPECS (ENGLISH LANGUAGE)

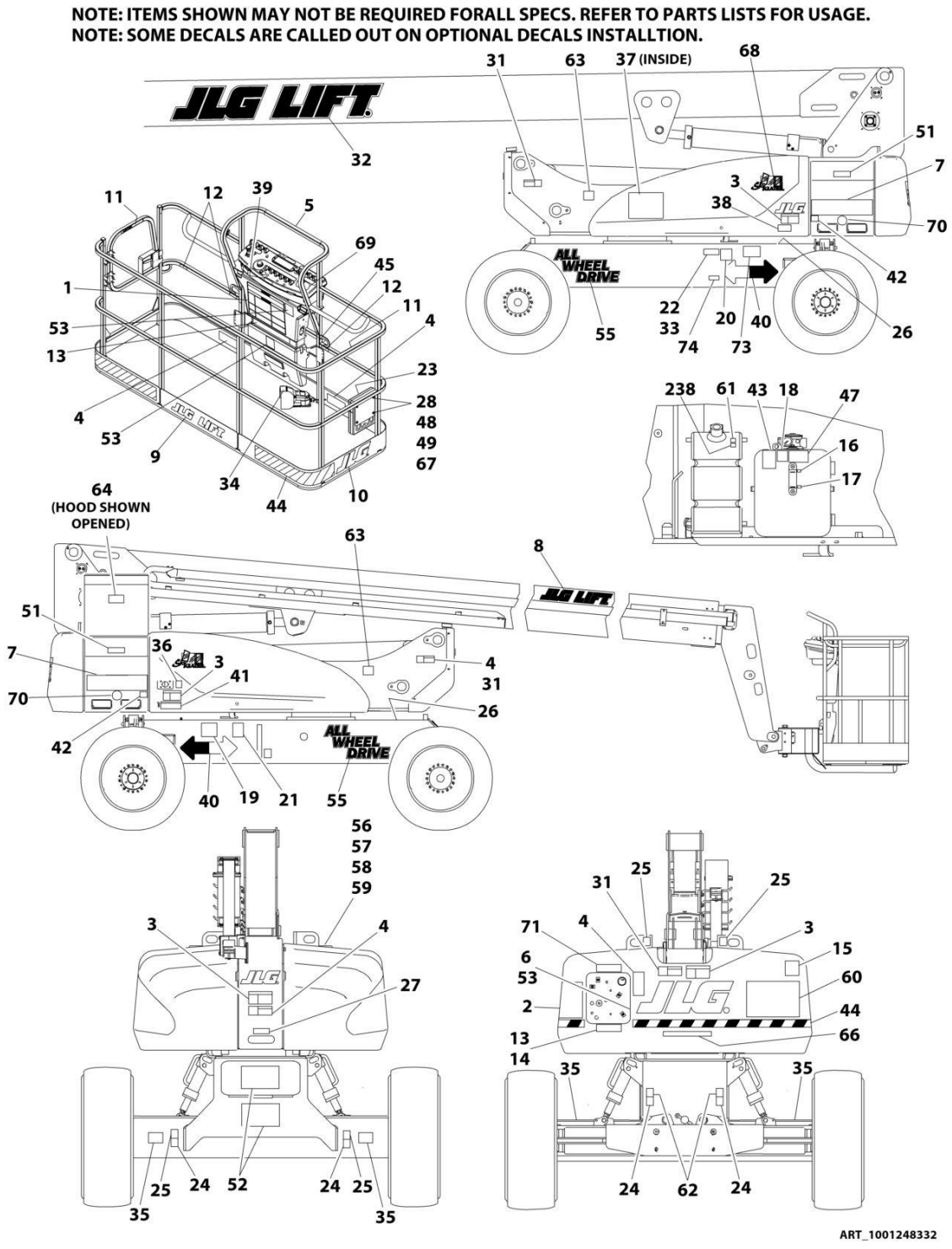


## FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN, CE & UK CA SPECS (ENGLISH LANGUAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248326 | Ref | DECAL INSTALLATION | B |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1705921 | 1 | Decal - Danger/Caution (Platform) | |
| 2 | 1705822 | 1 | Decal - Danger/Caution (MTB) | |
| 4 | 1701518 | 3 | Decal - Crushing | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1705978 | 2 | Decal - 500 LBS Max Capacity | |
| 15 | 1705084 | 1 | Decal - Sound Power Level | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 6 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 2 | Decal - Arrow | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 33 | 3820001 | 4 | Rivet | |
| 34 | 1705828 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Maximum Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1706392 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1706378 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 48 | 3311405 | 4 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1705670 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1701517 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704728 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |

# SECTION 9 - DECALS

## FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (PORTUGUESE/SPANISH LANGUAGES)

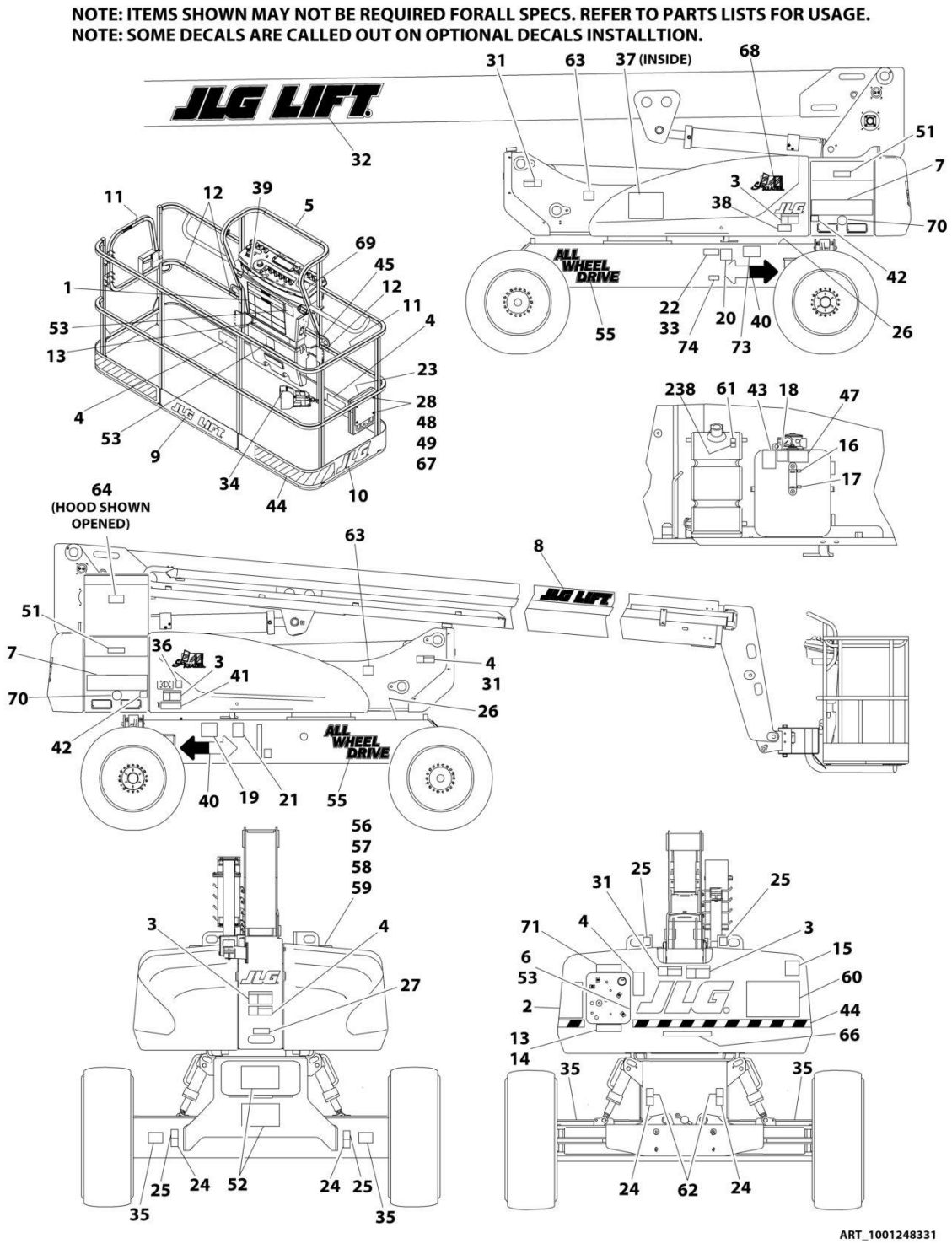


## FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (PORTUGUESE/SPANISH LANGUAGES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248332 | Ref | DECAL INSTALLATION | C |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1703928 | 1 | Decal - Danger/Warning (Platform) | |
| 3 | 1703940 | 4 | Decal - Electrocution | |
| 4 | 1703952 | 3 | Decal - Crushing | |
| 11 | 1704002 | 2 | Decal - No Hands | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1001253928 | 1 | Decal - Warning / Capacity | |
| 14 | 1001253929 | 1 | Decal - Warning / Capacity | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 6 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 2 | Decal - Arrow | |
| 27 | 3251243 | 1 | Nameplate 120V/60Hz | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 31 | 1703946 | 3 | Decal - Warning/Crushing | |
| 33 | 3820001 | 2 | Rivet | |
| 34 | 1703985 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Maximum Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1704118 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1704330 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 48 | 3311405 | 4 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1704341 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 60 | 1703934 | 1 | Decal - Danger/Caution | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1701517 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704618 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |
| 67 | 0641406 | 4 | Bolt 1/4 x 3/4 (Not Shown) | |
| 69 | 1001113680 | 1 | Decal - Drive/Steer Instructions | |
| 73 | 1001224052 | 1 | Decal - Yearly Inspection | |

# SECTION 9 - DECALS

## FIGURE 9-4. DECAL INSTALLATION - CHINESE SPECS (CHINESE/ENGLISH LANGUAGES)



## FIGURE 9-4. DECAL INSTALLATION - CHINESE SPECS (CHINESE/ENGLISH LANGUAGES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248331 | Ref | DECAL INSTALLATION | C |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1703925 | 1 | Decal - Danger/Warning (Platform) | |
| 3 | 1703937 | 4 | Decal - Electrocution | |
| 4 | 1703949 | 3 | Decal - Crushing | |
| 11 | 1001116846 | 2 | Decal - No Hands | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1001253926 | 1 | Decal - Warning / Capacity | |
| 14 | 1001253927 | 1 | Decal - Warning / Capacity | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 22 | See Note | NSS | Nameplate - Serial Number (Note: Not Available for Purchase) | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 6 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 2 | Decal - Arrow | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 31 | 1703943 | 3 | Decal - Warning/Crushing | |
| 33 | 3820001 | 2 | Rivet | |
| 34 | 1703982 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Maximum Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1704121 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1704333 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 48 | 3311405 | 4 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1704344 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 60 | 1703931 | 1 | Decal - Danger/Caution | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1701517 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704731 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |
| 67 | 0641406 | 4 | Bolt 1/4 x 3/4 (Not Shown) | |
| 69 | 1705430 | 1 | Decal - Drive/Steer Instructions (Machines with Drive Orientation Only) | |
| 73 | 1001224050 | 1 | Decal - Yearly Inspection **(SN 0300233752 to Present)** | |

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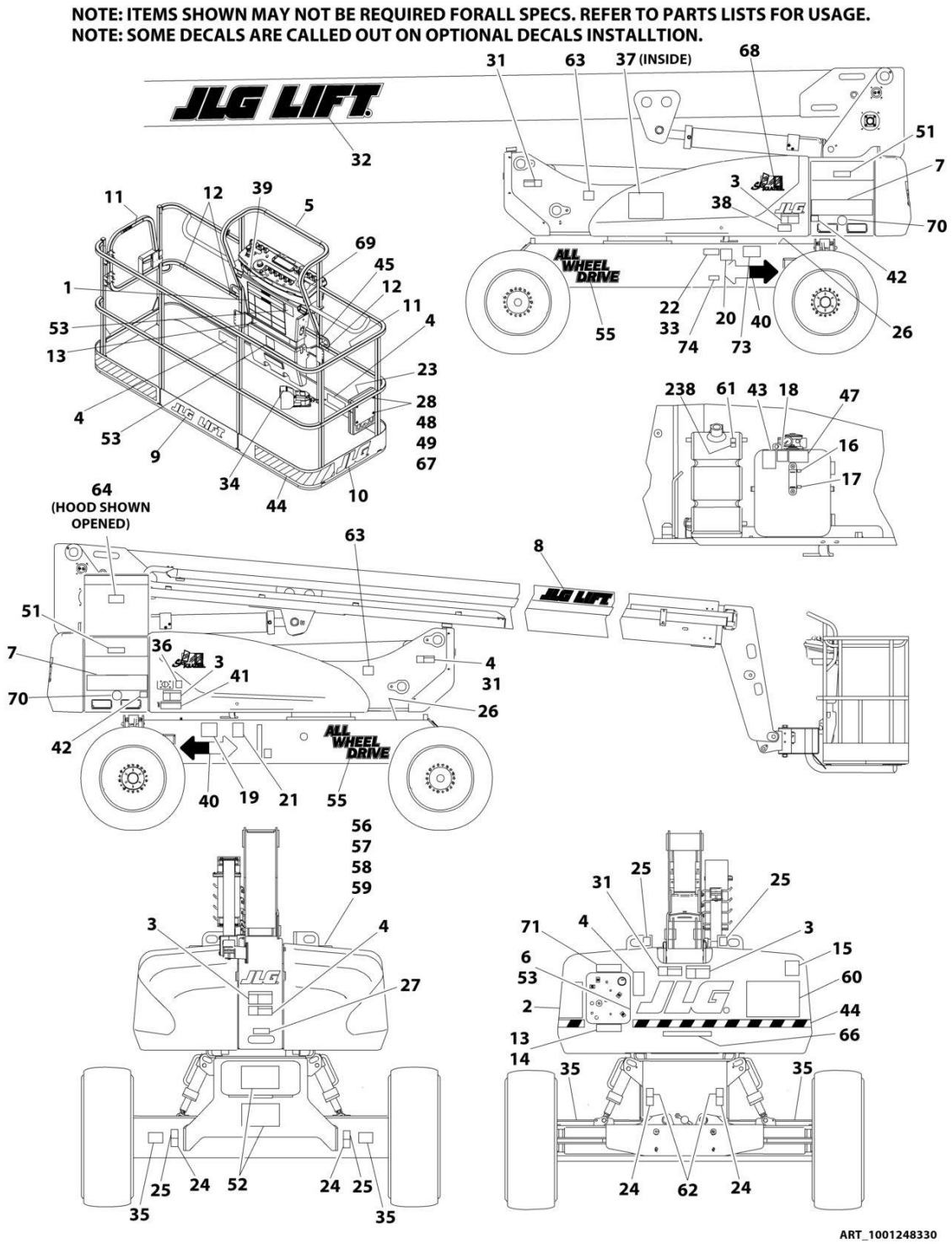
## FIGURE 9-5. DECAL INSTALLATION - CSA & UL SPECS (ENGLISH/FRENCH LANGUAGES)

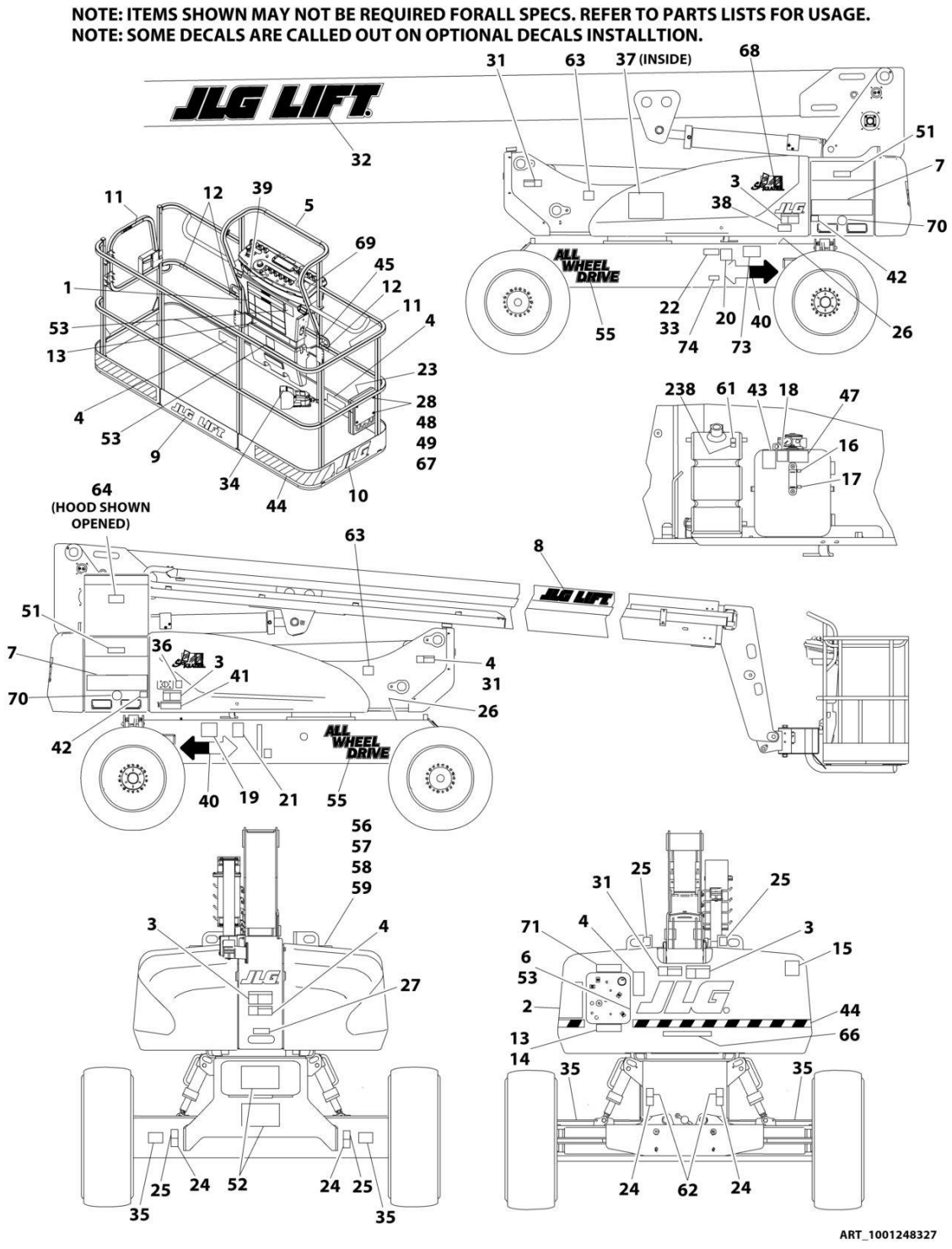


## FIGURE 9-5. DECAL INSTALLATION - CSA & UL SPECS (ENGLISH/FRENCH LANGUAGES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248330 | Ref | DECAL INSTALLATION | C |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1703924 | 1 | Decal - Danger/Warning (Platform) | |
| 3 | 1703936 | 4 | Decal - Electrocution | |
| 4 | 1703948 | 3 | Decal - Crushing | |
| 11 | 1704000 | 2 | Decal - No Hands | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1001253922 | 1 | Decall - Warning / Capacity | |
| 14 | 1001253923 | 1 | Decall - Warning / Capacity | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 21 | 1001131269 | 1 | Decal - Patent | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 6 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 4 | Decal - Arrow | |
| 27 | 3251243 | 1 | Nameplate 120V/60Hz | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 31 | 1703942 | 3 | Decal - Warning/Crushing | |
| 33 | 3820001 | 2 | Rivet | |
| 34 | 1703984 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Maximum Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1704116 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1704329 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 48 | 3311405 | 6 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1704340 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 60 | 1703930 | 1 | Decal - Danger/Caution | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1701517 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704733 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |
| 67 | 0641406 | 4 | Bolt 1/4 x 3/4 (Not Shown) | |
| 69 | 1705429 | 1 | Decal - Drive/Steer Instructions (Machines with Drive Orientation Only) | |
| 73 | 1001223971 | 1 | Decal - Yearly Inspection | |
| 74 | 1001228370 | 1 | Decal - ICES (Canada Spec) | |

# SECTION 9 - DECALS

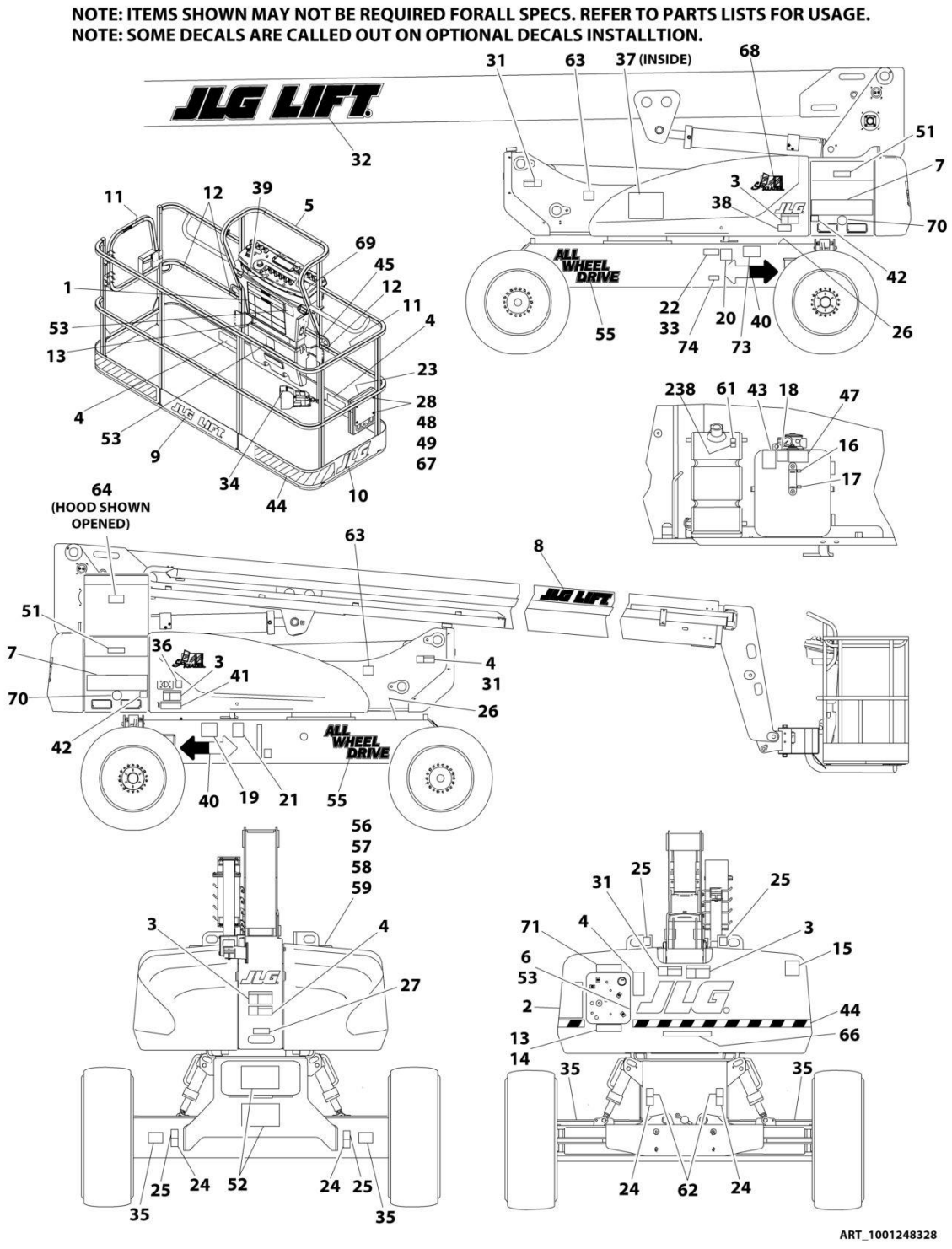
## FIGURE 9-6. DECAL INSTALLATION - JAPANESE SPECS (JAPANESE LANGUAGE)



## FIGURE 9-6. DECAL INSTALLATION - JAPANESE SPECS (JAPANESE LANGUAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248327 | Ref | DECAL INSTALLATION | C |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1703926 | 1 | Decal - Danger/Warning (Platform) | |
| 2 | 1704667 | 1 | Decal - Danger/Warning (MTB) | |
| 3 | 1703938 | 4 | Decal - Electrocution | |
| 4 | 1703950 | 3 | Decal - Crushing | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1001253932 | 1 | Decal - Warning / Capacity | |
| 14 | 1001253933 | 1 | Decal - Warning / Capacity | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 4 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 2 | Decal - Arrow | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 31 | 1703944 | 3 | Decal - Warning/Crushing | |
| 33 | 3820001 | 2 | Rivet | |
| 34 | 1703980 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Maximum Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1704119 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1704331 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 48 | 3311405 | 4 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1704342 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1701517 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704671 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |
| 67 | 0641406 | 4 | Bolt 1/4 x 3/4 (Not Shown) | |
| 69 | 1705426 | 1 | Decal - Drive/Steer Instructions (Machines with Drive Orientation Only) | |
| 73 | 1001224053 | 1 | Decal - Yearly Inspection | |

## FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (KOREAN LANGUAGE)

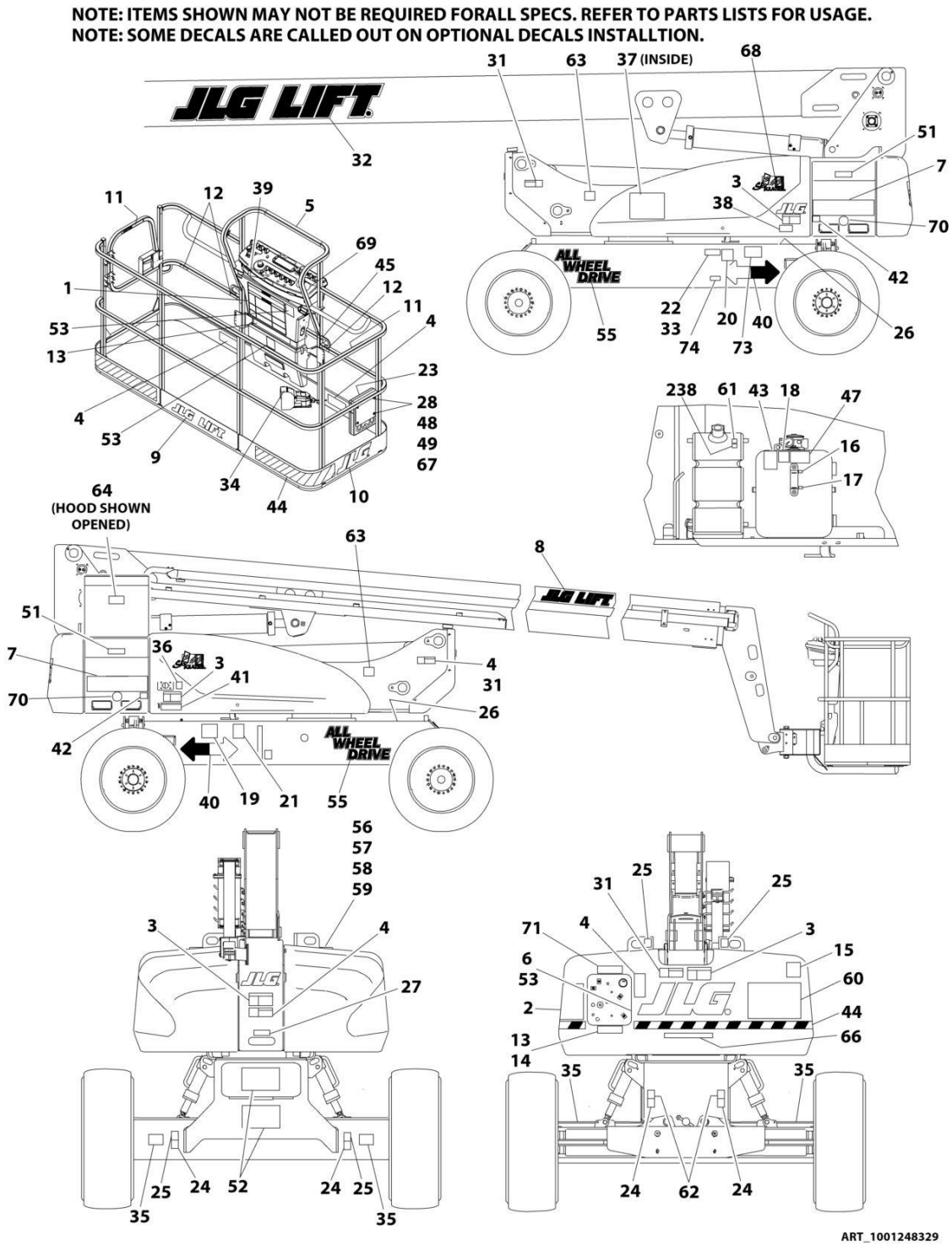


## FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (KOREAN LANGUAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248328 | Ref | DECAL INSTALLATION | C |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1703927 | 1 | Decal - Danger/Warning (Platform) | |
| 2 | 1704668 | 1 | Decal - Danger/Warning (MTB) | |
| 3 | 1703939 | 4 | Decal - Electrocution | |
| 4 | 1703951 | 3 | Decal - Crushing | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1001253924 | 1 | Decal - Warning/ Capacity | |
| 14 | 1001253925 | 1 | Decal - Warning/ Capacity | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 6 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 2 | Decal - Arrow | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 31 | 1703945 | 3 | Decal - Warning/Crushing | |
| 33 | 3820001 | 2 | Rivet | |
| 34 | 1703981 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Maximum Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1704120 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1704332 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 48 | 3311405 | 4 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1704343 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1701517 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704670 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |
| 67 | 0641406 | 4 | Bolt 1/4 x 3/4 (Not Shown) | |
| 69 | 1705427 | 1 | Decal - Drive/Steer Instructions | |
| 73 | 1001224048 | 1 | Decal - Yearly Inspection | |

# SECTION 9 - DECALS

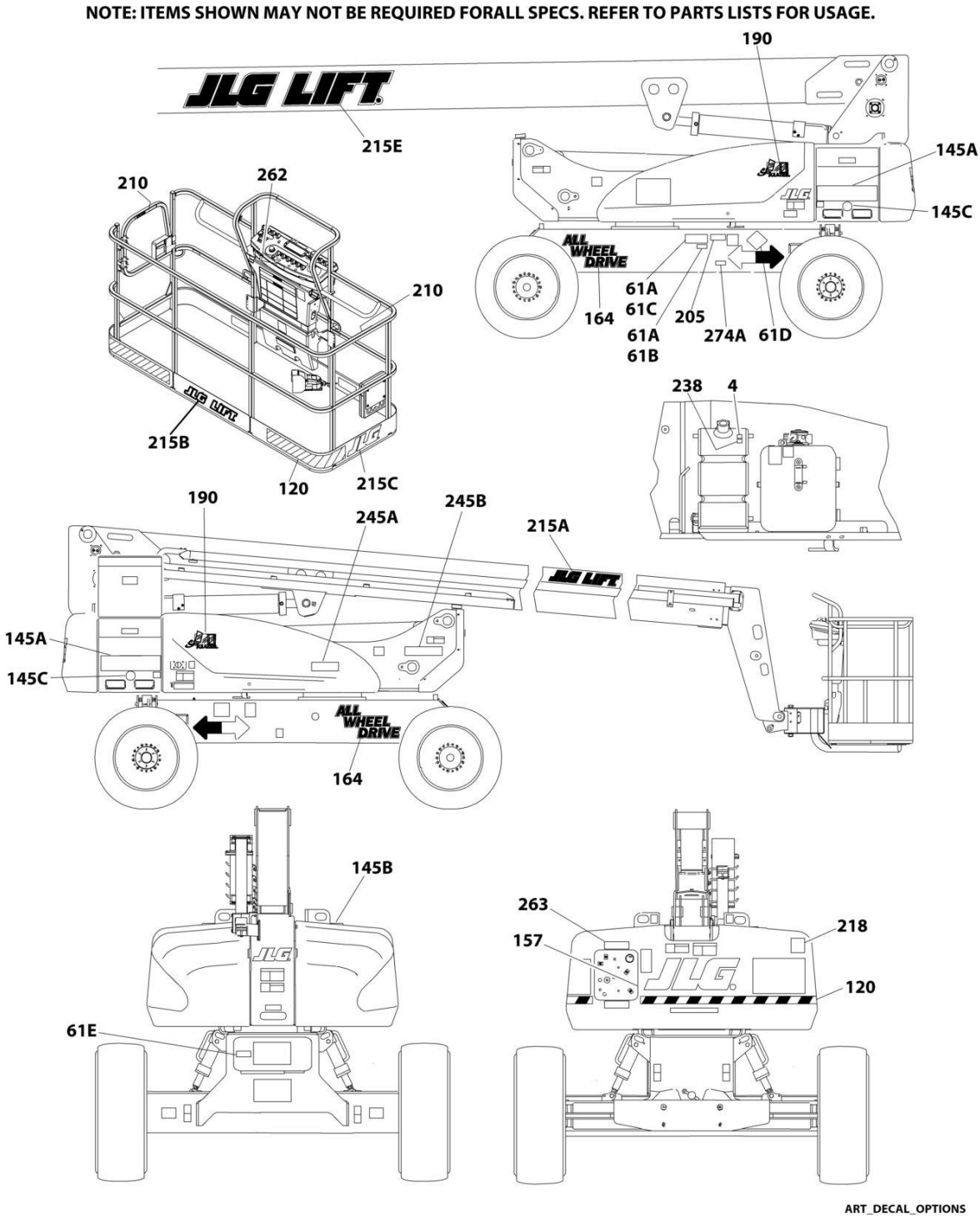
## FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (SPANISH/ENGLISH LANGUAGES)



## FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (SPANISH/ENGLISH LANGUAGES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248329 | Ref | DECAL INSTALLATION | C |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 1 | 1703923 | 1 | Decal - Danger/Warning (Platform) | |
| 3 | 1703935 | 4 | Decal - Electrocution | |
| 4 | 1703947 | 3 | Decal - Crushing | |
| 11 | 1704001 | 2 | Decal - No Hands | |
| 12 | 1704277 | 3 | Decal - Attach Lanyard | |
| 13 | 1001253930 | 1 | Decal - Warning / Capacity | |
| 14 | 1001253931 | 1 | Decal - Warning / Capacity | |
| 16 | 1701502 | 1 | Decal - Hydraulic Oil Level High | |
| 17 | 1701503 | 1 | Decal - Hydraulic Oil Level Low | |
| 18 | 1701504 | 1 | Decal - Hydraulic Oil | |
| 20 | See Note | NSS | Decal - Bar Code (Note: Not Available for Purchase) | |
| 23 | 1701509 | 1 | Decal - Manual | |
| 24 | 1702300 | 6 | Decal - Tie Down | |
| 25 | 1701500 | 4 | Decal - Lift | |
| 26 | 1701529 | 2 | Decal - Arrow | |
| 27 | 3251243 | 1 | Nameplate 120V/60Hz | |
| 28 | 0860520 | 1 | Box, Manual Storage | |
| 31 | 1703941 | 3 | Decal - Warning/Crushing | |
| 33 | 3820001 | 2 | Rivet | |
| 34 | 1703983 | 1 | Nameplate - Footswitch | |
| 35 | 1704708 | 4 | Decal - Maximum Tire Load | |
| 36 | 1701644 | 1 | Decal - Charger | |
| 37 | 1001261130 | 1 | Decal - Manual Descent | |
| 38 | 1704117 | 1 | Decal - Instructions Inside | |
| 40 | 1701501 | 2 | Decal - Arrow | |
| 41 | 1704328 | 1 | Decal - Battery Charger Instructions | |
| 42 | 1702155 | 2 | Decal - Battery Disconnect | |
| 43 | 1704412 | 1 | Decal - Oil Chart | |
| 48 | 3311405 | 4 | Nut 1/4 | |
| 49 | 4751400 | 4 | Washer 1/4 | |
| 51 | 1704339 | 2 | Decal - Warning Battery Ventilation | |
| 52 | 1706377 | 1 | Decal - Lift Diagram | |
| 54 | 1001209679 | 1 | Decal - Cable Routing | |
| 60 | 1703929 | 1 | Decal - Danger/Caution | |
| 62 | 1701499 | 2 | Decal - No Lift | |
| 63 | 1701517 | 2 | Decal - Warning Hand Crushing | |
| 64 | 1704732 | 2 | Decal - Tip Over (Battery Weight) | |
| 66 | 1704885 | 1 | Decal - Website | |
| 67 | 0641406 | 4 | Bolt 1/4 x 3/4 | |
| 69 | 1705910 | 1 | Decal - Drive/Steer Instructions | |
| 73 | 1001224049 | 1 | Decal - Yearly Inspection | |

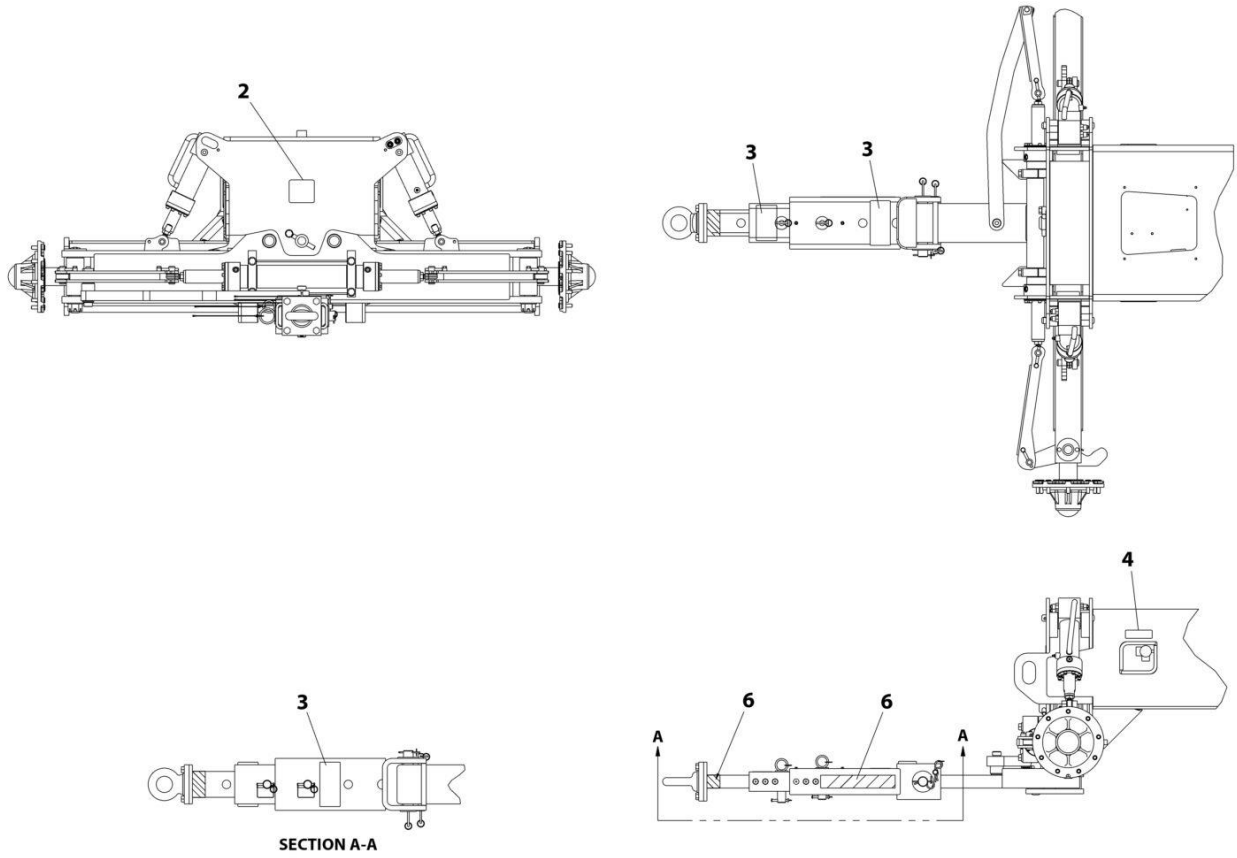
## FIGURE 9-9. DECALS INSTALLATION - OPTIONS



## FIGURE 9-9. DECALS INSTALLATION - OPTIONS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001263600 | Ref | DECAL INSTALLATION - OPTIONS | |
| | 1001249148 | Ref | DECAL INSTALLATION - REFERENCE CHART | C |
| 4 | 1701505 | 1 | Decal - Fuel (H600SJ/H600SJP) | |
| 61 | 0270430 | Ref | Decal Installation - UL Tags | B |
| 61A | 3820001 | 8 | Pop Rivet | |
| 61B | 3252331 | 1 | Nameplate - Battery Info | |
| 61C | 3252780 | 1 | Nameplate - UL Certification Tag | |
| 61D | 1702251 | 2 | Nameplate - EE | |
| 61E | 1001213625 | 1 | Decal - Replacement Fuse 400 Amp | |
| 120 | 4420051 | 15.5 ft/ 4.7m | Decal - Warning Stripes | |
| 145 | 1001256653 | Ref | Model Designation Decal Installation - EC600SJ | B |
| 145 | 1001256656 | Ref | Model Designation Decal Installation - EC600SJP | B |
| 145 | 1001256654 | Ref | Model Designation Decal Installation - H600SJ | B |
| 145 | 1001256655 | Ref | Model Designation Decal Installation - H600SJP | B |
| 145A | 1001267318 | 2 | Decal - EC600SJ | |
| 145A | 1001267320 | 2 | Decal - EC600SJP | |
| 145A | 1001267326 | 2 | Decal - H600SJ | |
| 145A | 1001267327 | 2 | Decal - H600SJP | |
| 164 | 1704724 | 2 | Decal - All Wheel Drive 4WD | |
| 190 | 0272418 | Ref | Decal - SkyGlazier | 4 |
| 190 | 1705358 | 2 | Decal - SkyGlazier | |
| 205 | See Note | NSS | Nameplate - Serial Number (Note: Not Available for Purchase) | |
| 210 | 1702868 | 2 | Decal - No Hands (ANSI Specs) | |
| 210 | 1001116846 | 2 | Decal - No Hands (Chinese/English Specs) | |
| 210 | 1001246659 | 2 | Decal - No Hands (Danish/English Specs) | |
| 210 | 1704000 | 2 | Decal - No Hands (French/English Specs) | |
| 215A | 1702860 | 1 | Decal - JLG Lift | |
| 215B | 1702774 | 1 | Decal - JLG Lift | |
| 238 | 1001108923 | 1 | Decal - EPA/Carb Fuel Spec Only (H600SJ/H600SJP ANSI & CSA Specs) | |
| 238 | 1001139654 | 1 | Decal - Ultra Low Sulfur Diesel Fuel (H600SJ/H600SJP Japanese, CE & UK CA Specs) | |
| 245 | 1001229692 | Ref | ClearSky Decals Installation | A |
| 245A | 1001120989 | 1 | Decal - Radio Frequency | |
| 245B | 1001116208 | 1 | Decal - ClearSky | |
| 262 | 1001141300 | 1 | Decal - SkyGuard Override | |
| 262 | 1001141302 | 1 | Decal - SkyGuard/Soft Touch Override | |
| 263 | 1001189882 | 1 | Decal - MSSO (CE & UK CA Specs) | |
| 274 | 1001214029 | Ref | Decal - EAC Installation (CIS and Russia Specs) | |
| 274A | 1001173703 | 1 | Decal - EAC | |

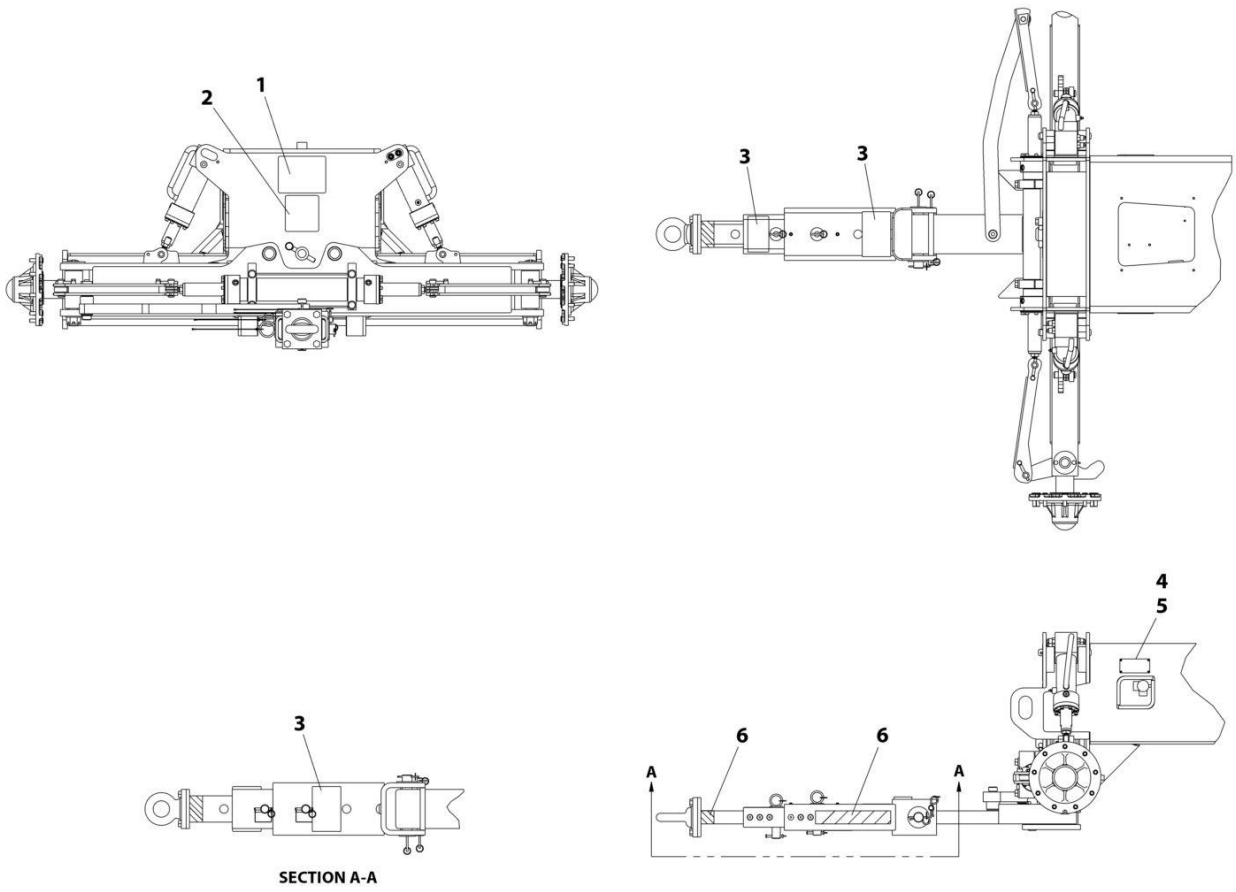
## FIGURE 9-10. TOW BAR DECAL INSTALLATION (ALL SPECS EXCEPT CSA & JAPANESE SPECS) (ENGLISH LANGUAGE)



## FIGURE 9-10. TOW BAR DECAL INSTALLATION (ALL SPECS EXCEPT CSA & JAPANESE SPECS) (ENGLISH LANGUAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270629 | Ref | TOW BAR DECAL INSTALLATION (ANSI SPECS) | C |
| 2 | 1001196121 | 1 | Decal - Tow Instructions | |
| 3 | 1704578 | 3 | Decal - Crushing | |
| 4 | 1001196122 | 1 | Nameplate - Steer/Tow Select | |
| 6 | 1001195754 | 35 in /89cm | Tape, Safety | |

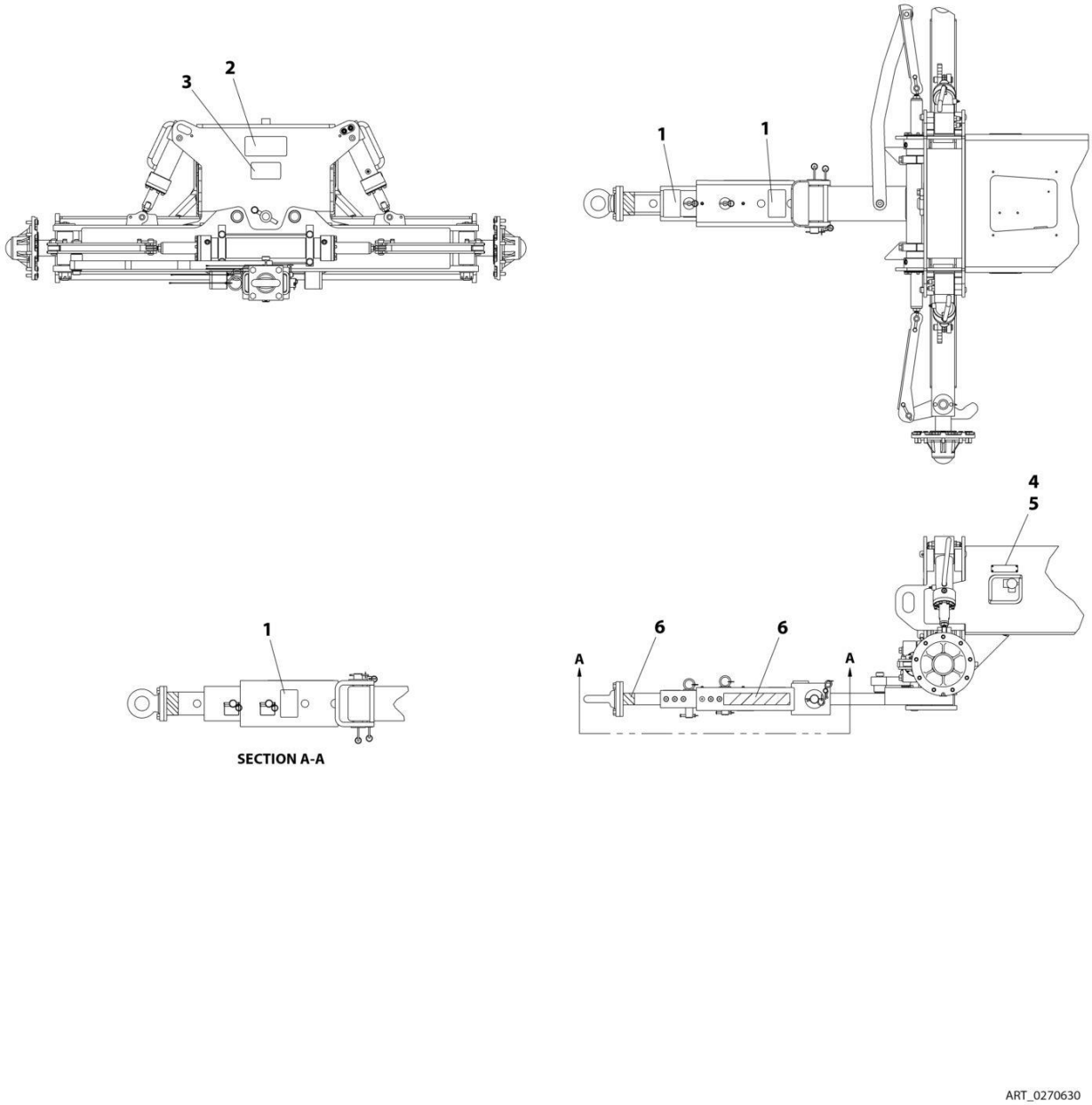
## FIGURE 9-11. TOW BAR DECAL INSTALLATION (ANSI EXPORT SPECS) (SPANISH/ENGLISH LANGUAGES)



## FIGURE 9-11. TOW BAR DECAL INSTALLATION (ANSI EXPORT SPECS) (SPANISH/ENGLISH LANGUAGES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270631 | Ref | TOW BAR DECAL INSTALLATION (SPANISH/ENGLISH SPECS) | B |
| 1 | 1704457 | 1 | Decal - Tow Instructions | |
| 2 | 1704576 | 1 | Decal - Warning | |
| 3 | 1704577 | 3 | Decal - Crushing | |
| 4 | 3252693 | 1 | Nameplate - Steer/Tow Select | |
| 5 | 3820001 | 4 | Rivet | |
| 6 | 4420051 | 35 in /89cm | Tape, Safety | |

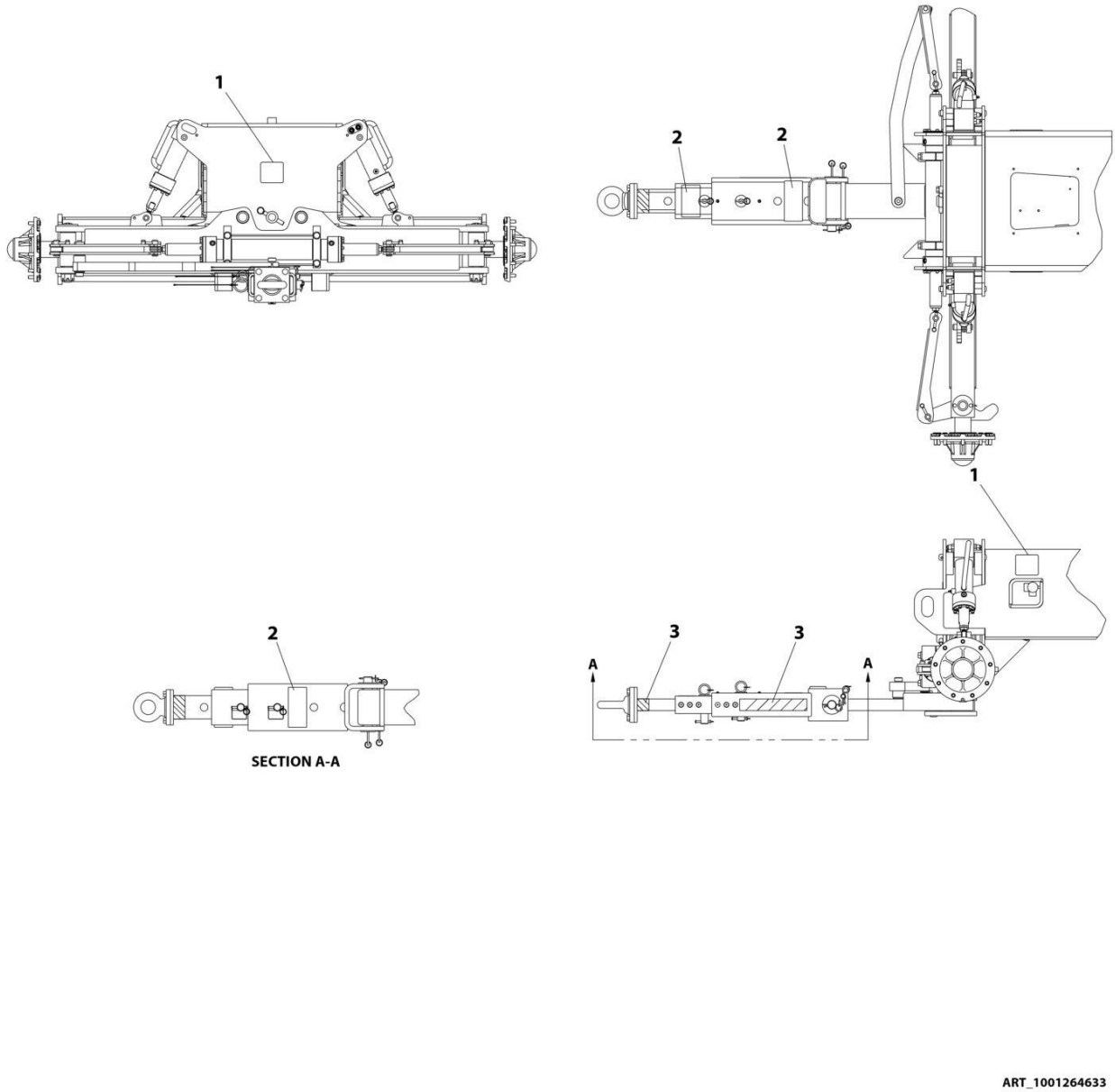
## FIGURE 9-12. TOW BAR DECAL INSTALLATION (CE & UK CA SPECS) (SPANISH LANGUAGE))



## FIGURE 9-12. TOW BAR DECAL INSTALLATION (CE & UK CA SPECS) (SPANISH LANGUAGE))

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0270630 | Ref | TOW BAR DECAL INSTALLATION (SPANISH/ENGLISH SPECS) | B |
| 1 | 1701518 | 3 | Decal - Crushing | |
| 2 | 1704455 | 1 | Decal - Tow Instructions | |
| 3 | 1704456 | 1 | Decal - Warning | |
| 4 | 3252692 | 1 | Nameplate - Steer/Tow Select | |
| 5 | 3820001 | 4 | Rivet | |
| 6 | 4420051 | 35 in /89cm | Tape, Safety | |

## FIGURE 9-13. TOW BAR DECAL INSTALLATION (AUSTRALIAN, UL, CE & UK CA SPECS) (ALL LANGUAGES))



## FIGURE 9-13. TOW BAR DECAL INSTALLATION (AUSTRALIAN, UL, CE & UK CA SPECS) (ALL LANGUAGES))

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001264633 | Ref | TOW BAR DECAL INSTALLATION | A |
| 1 | 1706957 | 2 | Decal - Tow Instructions | |
| 2 | 1706960 | 3 | Decal - Crushing | |
| 3 | 1001195754 | 35 in /89cm | Tape, Safety | |

# 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, 16Amp (One Breaker Box) | |
| | 1001152479 | 1 | Breaker, 16 Amp (Double) (Two Breaker Box) | |
| | 1001152482 | 1 | Breaker, 30mA (Two Breaker Box) | |
| | 70002947 | 1 | Coil (Drive Valve (4WD) & Main Valve) | |
| | 70007285 | 1 | Coil (Main Valve) | |
| | 7018991 | 1 | Coil (Main Valve) | |
| | 70007291 | 1 | Coil (Boom Valve) | |
| | 1001166538 | 1 | Controller, Drive/Steer | |
| | 1001166539 | 1 | Controller, Lift/Swing | |
| | 3990001 | 2 | Diode (Charger Harness) | |
| | 70000313 | 12 | Element, Air Cleaner (Kubota) | |
| | 7023269 | 12 | Element, Breather (Hydraulic Tank) | |
| | 7023224 | 12 | Element, Filter Hydraulic (Hydraulic Tank) | |
| | 70000318 | 12 | Element, Fuel Filter (Kubota) | |
| | 70000319 | 12 | Element, Oil Filter (Kubota) | |
| | 1001196634 | 2 | Fuse, 2A (Charger Harness) | |
| | 8229249 | 2 | Fuse, 3A (USB Charger) | |
| | 1001196635 | 2 | Fuse, 3A (Bluetooth Module Harness) | |
| | 8229242 | 2 | Fuse, 5A (Platform Console Harness & Turntable Harness) | |
| | 8229261 | 2 | Fuse, 5A (Traction Harness) | |
| | 8229234 | 2 | Fuse, 10A (Traction Harness) | |
| | 70000329 | 2 | Fuse, 15A (Kubota) | |
| | 8229237 | 2 | Fuse, 15A (Traction Harness) | |
| | 70000330 | 2 | Fuse, 20A (Kubota) | |
| | 1001170761 | 2 | Fuse, 20A (Traction Harness) | |
| | 8229235 | 2 | Fuse, 20A (Traction Harness) | |
| | 1001170762 | 2 | Fuse, 30A (Traction Harness) | |
| | 8229236 | 2 | Fuse, 30A (Traction Harness) | |
| | 1001170365 | 2 | Fuse, 400 Amp (UL Specs) | |
| | 2860030 | 1 | Key, Replacement | |
| | 2940074 | 1 | Latch (Platforms with Side Gate Entry) | |
| | 1001247468 | 1 | Loadcell (Platform Support) | |
| | 1001245293 | 1 | Module, Bluetooth Control | |
| | 1001178339 | 1 | Module, Drive (Drive Module Plate) | |
| | 1001192212 | 1 | Module, Drive (Drive Module Plate) | |
| | 70000326 | 1 | Module, Engine Control (Fuel Tank & Engine Module Installation) | |
| | 1001182700 | 1 | Module, Ground | |
| | 1001196520 | 1 | Module, Platform (All Specs Except UL Specs) | |
| | 1001215835 | 1 | Module, Platform (UL Specs) | |
| | 3740080 | 1 | Relay (Electrical Plate & Generator Harness) | |
| | 1001214667 | 1 | Relay (Electrical Plate UL Specs) | |
| | 70000322 | 1 | Relay (Kubota) | |
| | 70000323 | 1 | Relay (Kubota) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186431 | 1 | Relay (SkyGuard) | |
| | 3740086 | 1 | Relay (SkyLine) | |
| | 1001170367 | 1 | Relay, 300Amp (Electrical Plate) | |
| | 1001272006 | 1 | Relay, 350Amp (UL Specs) | |
| | 1001228225 | 1 | Sensor, Emitter (SkyEye) | |
| | 1001200173 | 1 | Sensor, Limit (Limit Switch Installation) | |
| | 4360057 | 1 | Sensor, Limit (Soft Touch) | |
| | 4360578 | 1 | Sensor, Limit (Limit Switch Cable) | |
| | 70000325 | 1 | Sensor, Oil Temperature (Kubota) | |
| | 1001232667 | 1 | Sensor, Proximity (SkyLine) | |
| | 4360517 | 1 | Sensor, Proximity (Drive Orientation) | |
| | 1001228224 | 1 | Sensor, Receiver (SkyEye) | |
| | 1001161117 | 1 | Sensor, Rotary Angle (Steer Installation) | |
| | 1001137673 | 1 | Sensor, SkyGuard Bar | |
| | 1001237902 | 1 | Sensor, SkySense | |
| | 70005394 | 1 | Sensor, Speed (Drive Motor) | |
| | 70000324 | 1 | Sensor, Speed (Kubota) | |
| | 1001102771 | 1 | Sensor, Temperature (Charger Harness) | |
| | 70005407 | 1 | Sensor, Temperature (Drive Motor) | |
| | 1001176711 | 1 | Sensor, Temperature (Battery Box Installations) | |
| | 1001219601 | 1 | Sensor, Tilt Dual Axis | |
| | 4360475 | 1 | Switch, Emergency Stop | |
| | 1001189039 | 1 | Switch, Foot | |
| | 4360469 | 1 | Switch, Key | |
| | 4360407 | 1 | Switch, Potentiometer | |
| | 4360274 | 1 | Switch, Pushbutton Gray (Engine Controls) | |
| | 4360387 | 1 | Switch, Pushbutton Yellow (Console Box, Ground Control Panel & Soft Touch) | |
| | 1001155045 | 1 | Switch, Toggle (Console Box, Ground Control Panel & Jib Rotate Switch) | |
| | 1001159256 | 1 | Switch, Toggle (Console Box) | |
| | 1001161710 | 1 | Switch, Toggle (Console Box & Engine Controls) | |
| | 1001211363 | 1 | Switch, Toggle (4WD Machines) | |

# 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. | |
| | 1001270615 | Ref | 12V Charger with Disconnect Kit | |
| | 1001221191 | Ref | AC Dual Boxes at Platform Installation - 220V (CEE7 Side Ground) (CE & UK CA Specs Only) | |
| | | Ref | Airline Installations - 1/2in | |
| | 0270447 | Ref | Airline Installations - EC600SJ & H600SJ | |
| | 0270437 | Ref | Airline Installations - EC600SJP & H600SJP | |
| | 1001200913 | Ref | Battery (Trickle) Charger Installation | |
| | 1001268352 | Ref | Battery Isolator Kit | |
| | 1001148971 | Ref | Bolt-on Lanyard Kit (Platform) | |
| | | Ref | Boom Wiper Installations | |
| | 0270364 | Ref | Boom Wiper Installation (Whiskers) - EC600SJ & H600SJ | |
| | 0270413 | Ref | Boom Wiper Installation (Whiskers) - EC600SJP & H600SJP | |
| | 1001278511 | Ref | Boom Wiper Installation (Blades) - EC600SJP & H600SJP | |
| | 1001281983 | 1 | Boom Wiper Blade Replacement Kit | |
| | 1001282100 | 1 | Boom Wiper Blade Mount Replacement Kit | |
| | | Ref | ClearSky Telematics Kit Options (DEALER INSTALLED) | |
| | 1001250537 | Ref | ClearSky Add-on Kit (ANSI Specs) (Dealer Installed) | |
| | 1001254285 | Ref | ClearSky Add-on Kit (CE & UK CA Specs) (Dealer Installed) | |
| | 1001276923 | Ref | ClearSky GT1030 Add-on Kit (Dealer Installed) | |
| | 1001243575 | Ref | ClearSky Access Conntrol Add-on Kit (Dealer Installed) | |
| | 1001243183 | Ref | ClearSky Access Conntrol Telematics Single Can Add-on Kit (ANSI Specs) (Dealer Installed) | |
| | 1001243184 | Ref | ClearSky Access Conntrol Telematics Single Can Add-on Kit (CE & UK CA Specs) (Dealer Installed) | |
| | 1001265360 | Ref | ClearSky Telematics Add-on Kit - Canbus Connection (ANSI Specs) (Dealer Installed) | |
| | 1001247426 | Ref | ClearSky Telematics Add-on Kit - Canbus Connection (Australian Specs) (Dealer Installed) | |
| | 1001237110 | Ref | ClearSky Telematics Add-on Kit - Canbus Connection (ANSI Export, CE & UK CA Specs) (Dealer Installed) | |
| | 1001247427 | Ref | ClearSky Telematics Add-on Kit - Canbus Connection (China Specs) (Dealer Installed) | |
| | 1001230504 | Ref | ClearSky Telematics Add-on Kit - 3 Wire Connection (ANSI Specs) (Dealer Installed) | |
| | 1001234102 | Ref | ClearSky Telematics Add-on Kit - 3 Wire Connection (ANSI Export, CE & UK CA Specs) (Dealer Installed) | |
| | | Ref | ClearSky (Telematics) Installations (Factory Installed) | |
| | 1001260577 | Ref | ClearSky Access Conntrol Add-on Kit (Factory Installed) | |
| | 1001235649 | Ref | ClearSky Installation Canbus Connection (All Specs Except China Specs) (Factory Installed) | |
| | 1001236535 | Ref | ClearSky Installation Canbus Connection (ANSI Export, CE & UK CA Specs (Factory Installed) | |
| | 1001246541 | Ref | ClearSky Installation Canbus Connection (Australian Specs) (Factory Installed) | |
| | 1001246542 | Ref | ClearSky Installation Canbus Connection (China Specs) (Factory Installed) | |
| | 1001229107 | Ref | ClearSky Telematics 3-Wire Connection (ANSI and CSA Specs) (Factory Installed) | |
| | 1001233237 | Ref | ClearSky Installation 3-Wire Connection (ANSI Export, CE & UK | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | | CA Specs) (Factory Installed) | |
| | 0270374 | Ref | Cold Weather Package Installation - H600SJ & H600SJP | |
| | 0273172 | Ref | Container Shipment Preparation (Wheel Installation) | |
| | | Ref | Cylinder Bellow Installations | |
| | 1001188098 | Ref | Cylinder Bellow Installation - Chassis | |
| | 0270314 | Ref | Cylinder Bellow Installations - Boom | |
| | | Ref | Decal Kits: | |
| | 1001108728 | Ref | Decal Kit - Platform | |
| | 1001223824 | Ref | Decal Kit - Platform Box | |
| | 1001276007 | Ref | Drive/Steer Controller Service 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 | |
| | 1001237883 | Ref | Fall Arrest (Bolt-on) Add-on Kit (6ft/1.82m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/n 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/n 1001186383) | |
| | 1001274833 | Ref | Floor Mat Add-on Kit (30x48 Platform) (Dealer Installed) | |
| | 1001274832 | Ref | Floor Mat Add-on Kit (30x60 Platform) (Dealer Installed) | |
| | 1001274831 | Ref | Floor Mat Add-on Kit (30x72 Platform) (Dealer Installed) | |
| | 1001274830 | Ref | Floor Mat Add-on Kit (36x72 Platform) (Dealer Installed) | |
| | 4060959 | Ref | Footswitch Shield (Note: Must Purchase New Decal) | |
| | 1001191395 | Ref | Fuel Cap Cover (Lockable) (Green) (Note: Does not include Lock. Lock Must be Purchased Separately) | |
| | 1001202749 | Ref | Fuel Cap Cover (Lockable) (Black (Note: Does not include Lock. Lock Must be Purchased Separately) | |
| | | Ref | Hose Kit Options: | |
| | 1001239579 | Ref | Hose Kit - Platform Valve (EC600SJ & H600SJ) | |
| | 1001239580 | Ref | Hose Kit - Platform Valve (EC600SJP & H600SJP) | |
| | 1001198662 | Ref | Hose Kit - Power Track (Upper Boom) (EC600SJ & H600SJ) | |
| | 1001198661 | Ref | Hose Kit - Power Track (Upper Boom) (EC600SJ & H600SJP) | |
| | 1001241407 | Ref | Hostile Environment Add-on Kit - Fixed Axle (Dealer Installed) | |
| | 1001241408 | Ref | Hostile Environment Add-on Kit - Oscillating Axle (Dealer Installed) | |
| | 1001276008 | Ref | Lift/Swing Controller Service Kit | |
| | 1001253618 | Ref | Module Box Assembly Kit (Service Kit for P/N 1001246867) | |
| | 1001253619 | Ref | Module Box Assembly Kit (Service Kit for P/N 1001246860) | |
| | 1001199312 | Ref | Headlight and Taillight Installation | |
| | 1001272166 | Ref | Pipe Rack Add-on Kit (Dealer Installed) | |
| | 1001120466 | Ref | Platform Worklights | |
| | | Ref | Platform Padding Installations (Side Entry Platforms) | |
| | 0273381 | Ref | 30in x 4ft (76cm x 1.22m) | |
| | 0274382 | Ref | 30in x 6ft (76cm x 1.83m) | |
| | 1001195304 | Ref | Platform Console Cover | |
| | 2915227 | Ref | Platform Conversion Kit (Side Entry) | |
| | 1580013 | Ref | Platform Corner Storage Tray | |
| | | Ref | Platform Entry Kit Options: | |
| | 1001142504 | Ref | Platform Entry Kit (Replace Swing Gate with Drop Bar) | |

# SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142505 | Ref | Platform Entry Kit (Replace Drop Bar with Swing Gate) | |
| | | Ref | Platform Mesh Installation Options (Side Entry Platforms) (Factory Installed) | |
| | 1001272274 | Ref | Platform Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Factory Installed) | |
| | 1001272313 | Ref | Platform Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Factory Installed) | |
| | 1001272182 | Ref | Platform Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Factory Installed) | |
| | 1001272310 | Ref | Platform Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Factory Installed) | |
| | 1001266969 | Ref | Platform Plastic Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Factory Installed) | |
| | 1001266465 | Ref | Platform Plastic Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Factory Installed) | |
| | 1001266807 | Ref | Platform Plastic Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Factory Installed) | |
| | 1001266491 | Ref | Platform Plastic Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Factory Installed) | |
| | | Ref | Platform Mesh Add-on Kits Options (Side Entry Platforms) (Dealer Installed) | |
| | 1001214478 | Ref | Platform Mesh Add-on Kit - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Dealer Installed) | |
| | 1001214524 | Ref | Platform Mesh Add-on Kit - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Dealer Installed) | |
| | 1001214552 | Ref | Platform Mesh Add-on Kit - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Dealer Installed) | |
| | 1001214560 | Ref | Platform Mesh Add-on Kit - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Dealer Installed) | |
| | | Ref | Platform Rail Extension Installations (Side Entry Platforms) | |
| | 1001103617 | Ref | Platform Rail Extension Installation -30in x 4ft (76cm x 1.22m) Platform | |
| | 0274691 | Ref | Platform Rail Extension Installation - 30in x 6ft (76cm x 1.83m) Platform | |
| | 1001190897 | Ref | Service Kits | P |
| | | Ref | SkyGuard Options: | |
| | 1001247073 | Ref | SkyEye Retrofit Kit | |
| | 1001241547 | Ref | SkyEye Repair Kit - LH Housing | |
| | 1001241548 | Ref | SkyEye Repair Kit - RH Housing | |
| | 1001218499 | Ref | SkyGuard Kit (Without Beacon) | |
| | 1001218502 | Ref | SkyGuard With Beacon (Blue) | |
| | 1001218503 | Ref | SkyGuard With Beacon (Red) | |
| | 1001250595 | Ref | SkyGuard 6-Pin Retrofit Installation Kit | |
| | 1001249052 | Ref | SkyGuard Retrofit Kit | |
| | 1001250035 | Ref | SkyGuard Platform Sensor Retrofit Kit | |
| | 1001262016 | Ref | SkyLine Add-on Kit | |
| | | Ref | SkySense/Enhanced Detection System Installation (Factory Installed) | |
| | 1001250465 | Ref | SkySense/Enhanced Detection System - Level 1 Boom (Factory Installed) | |
| | 1001250466 | Ref | SkySense/Enhanced Detection System - Level 2 Boom (Factory Installed) | |
| | | Ref | SkySense/Enhanced Detection System Add-on Kit (Dealer Installed) | |
| | 1001252033 | Ref | SkySense/Enhanced Detection System Add-on Kit - Level 1 Boom (Dealer Installed) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001252034 | Ref | SkySense/Enhanced Detection System Add-on Kit- Level 2 Boom (Dealer Installed) | |
| | | Ref | Strobe Light Installations (Amber) | |
| | 1001191144 | Ref | Platform Mounted | |
| | 1001214094 | Ref | Platform/Ground Mounted | |
| | | Ref | Tools for Service: | |
| | 1001249695 | Ref | Analyzer, Machine with Cable | |
| | 1001249941 | Ref | Analyzer, Machine (Battery Powered) | |
| | 7002821 | Ref | Crimper, Wire | |
| | 7002823 | Ref | Pin Extractor - Universal (For Electrical Connectors with Pins and Sockets) | |
| | 4460467 | Ref | Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors) | |
| | 4460510 | Ref | Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors) | |
| | 7016654 | Ref | Screwdriver, Magnetic | |
| | 7002822 | Ref | Screwdriver, Potentiometer | |
| | 7004275 | Ref | Seal Tool 1 in (For Cylinders) | |
| | 7004276 | Ref | Seal Tool 1-1/2 in (For Cylinders) | |
| | 1001137005 | Ref | Software Cable Kit (Service Kit) | |
| | 7002828 | Ref | Stripper, Wire | |
| | 70004185 | Ref | Torque Multiplier | |
| | 2915102 | Ref | Turntable Bearing Kit | |
| | 1001277843 | Ref | UGM Retrofit Kit | |
| | 1001274249 | Ref | USB Charger Add-on Kit (Dealer Installed) | |
| | 1001227293 | Ref | Voltage Guard Installation (120-240V, 50/60Hz) | |
| | 1001262959 | Ref | Voltage Regulator ClearSky Locate Kit | |
| | 2910886 | Ref | Wear Pad Kit | |
| | | Ref | Weld Lead Installations | |
| | 0270436 | Ref | Weld Lead Installations - EC600SJ & H600SJ | |
| | 0270448 | Ref | Weld Lead Installations - EC600SJP & H600SJP | |
| | | Ref | White Noise Alarm Installations: | |
| | 1001231989 | Ref | White Noise Alarm Add-on Installation (Factory Installed) | |
| | 1001235850 | Ref | White Noise Alarm Add-on Kit (Dealer Installed) | |
| | 1001235853 | Ref | White Noise Ambient Alarm Add-on Kit | |

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*Corporate Office*
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