# Illustrated Parts Manual

## Models
## 1732
## 8010H

**PVC**
**2305**

**P/N**
**31221598**

**Osctober 9, 2023 - Rev B**

An Oshkosh Corporation Company

# EFFECTIVITY PAGE

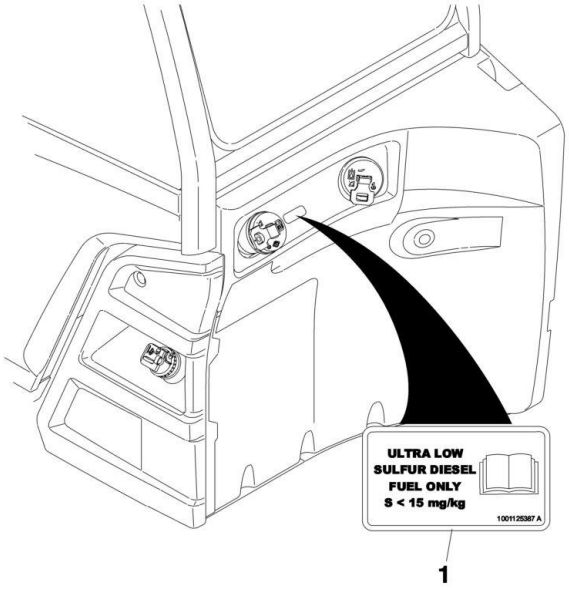
May 1, 2023 - A - Original Issue of Manual (Edited to B/M 1001195000 Revision AN)

October 9, 2023 - B - Revised Manual (Edited to 1001195000 Revision AO)

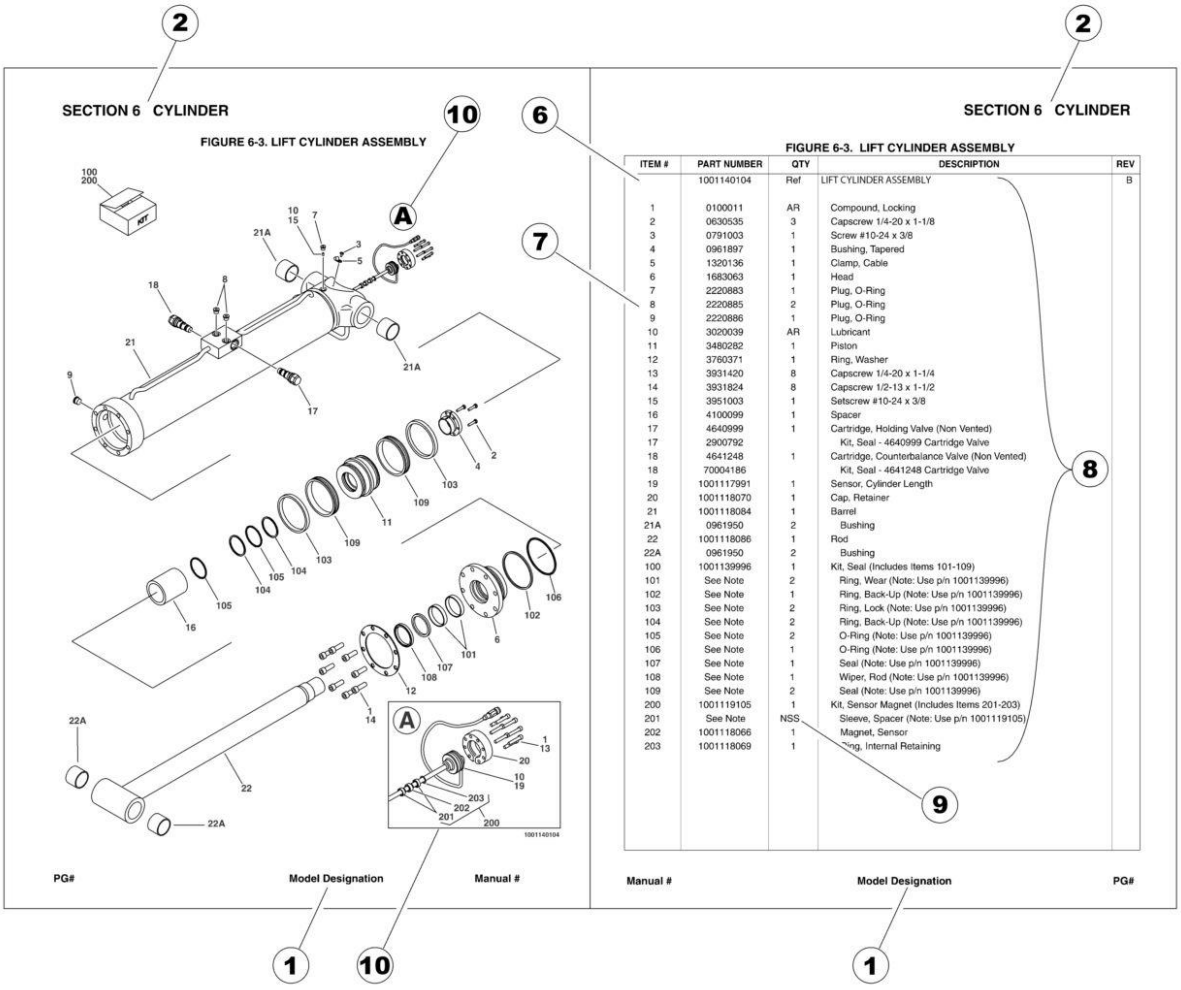
## Machine Configuration

**Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Sulfer Fuel Decal (1) as indicated below.**

- **If equipped with the Ultra Low Sulfur decal, all specific references to this machine configuration will be referred to as Ultra Low Sulfur (ULS) from this point forward.**
- **If not equipped with the Ultra Low Sulfur decal, all specific references to this machine configuration will be referred to as Low Sulfur (LS) from this point forward.**



# GENERAL INFORMATION




### 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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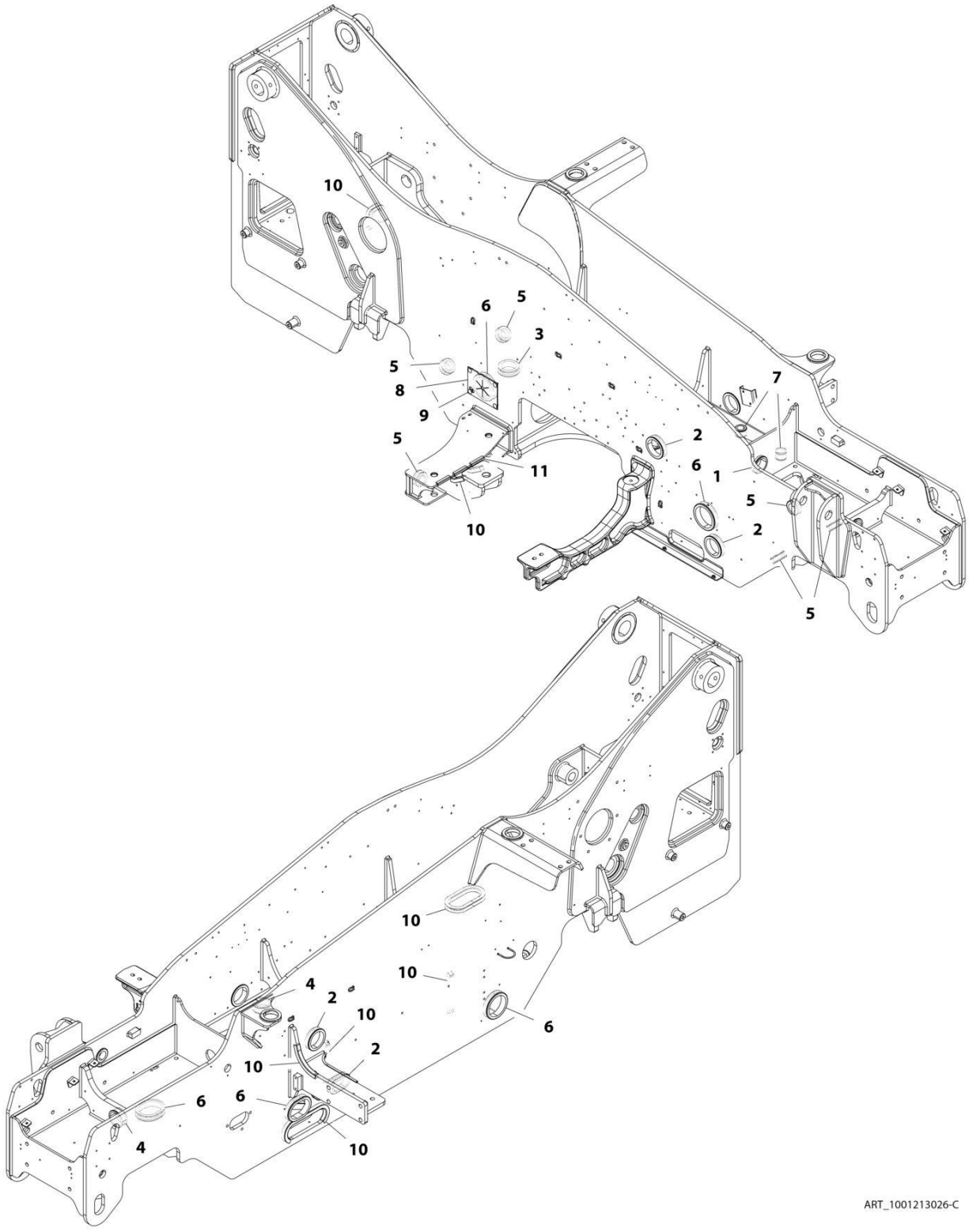
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# SECTION 1 - FRAME AND ATTACHING PARTS

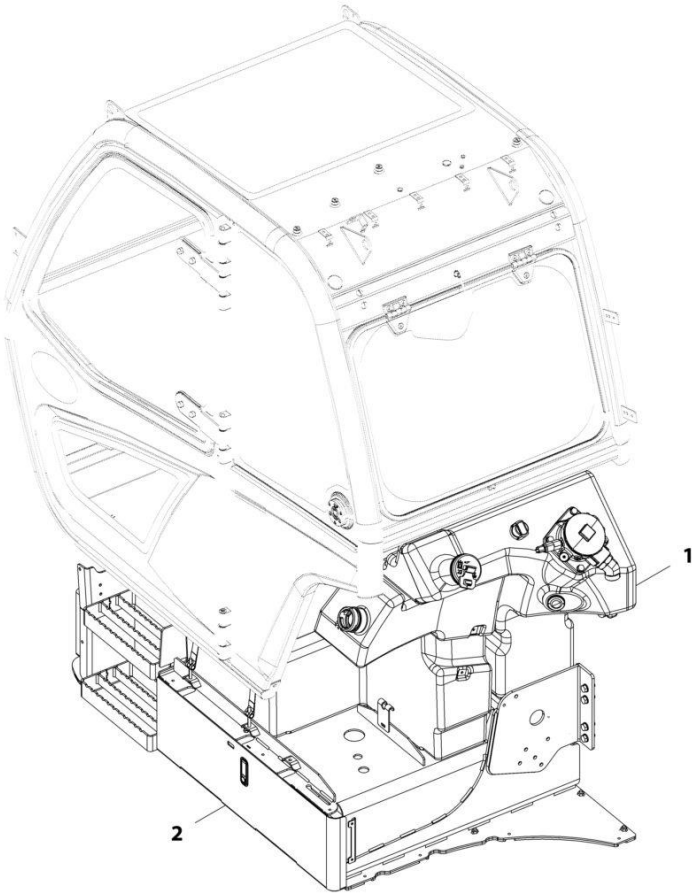
## FIGURE 1-1. GROMMETS INSTALLATION



## FIGURE 1-1. GROMMETS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213026 | Ref | Grommets Installation | C |
| 1 | 1001009018 | 1 | Grommet | |
| 2 | 1001028264 | 4 | Grommet | |
| 3 | 1001028291 | 1 | Grommet | |
| 4 | 1001028306 | 2 | Grommet | |
| 5 | 1001028308 | 6 | Grommet | |
| 6 | 1001028377 | 5 | Grommet | |
| 7 | 1001028400 | 2 | Grommet | |
| 8 | 1001175347 | 1 | Grommet | |
| 9 | 1001180306 | 4 | Screw | |
| 10 | 4060919 | 2030 mm | Trim,Hose Protection | |
| 11 | 90206202 | 270 mm | Trim Lock | |

## FIGURE 1-2. TANKS INSTALLATION (STANDARD)

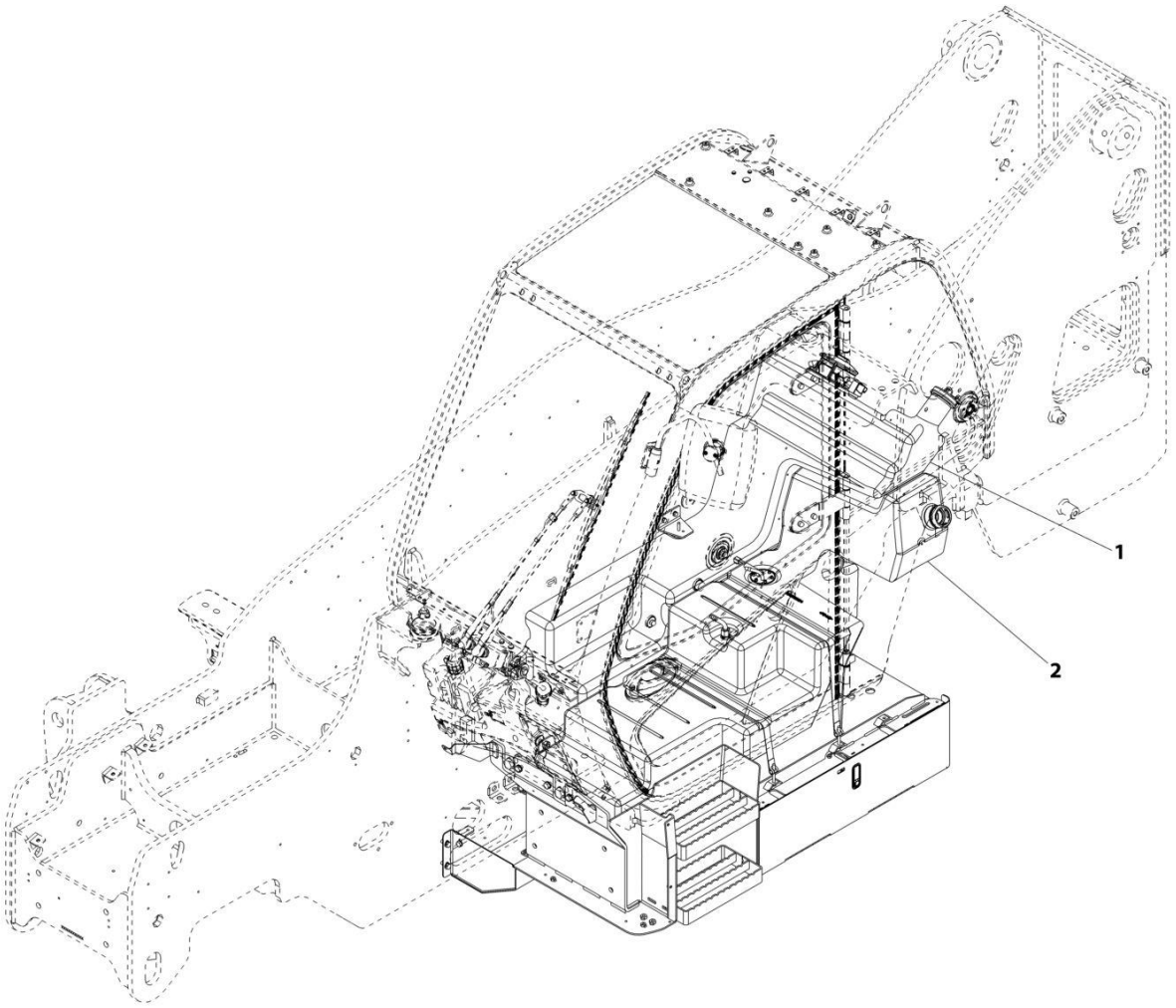



ART_1001185927-C

## FIGURE 1-2. TANKS INSTALLATION (STANDARD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001185927 | Ref | Tank Installation | C |
| 1 | 1001179850 | Ref | Installation, Hydraulic Tank (See Separate Breakdown in this Section) | |
| 2 | 1001185929 | Ref | Installation, Fuel Tank (See Separate Breakdown in this Section) | |

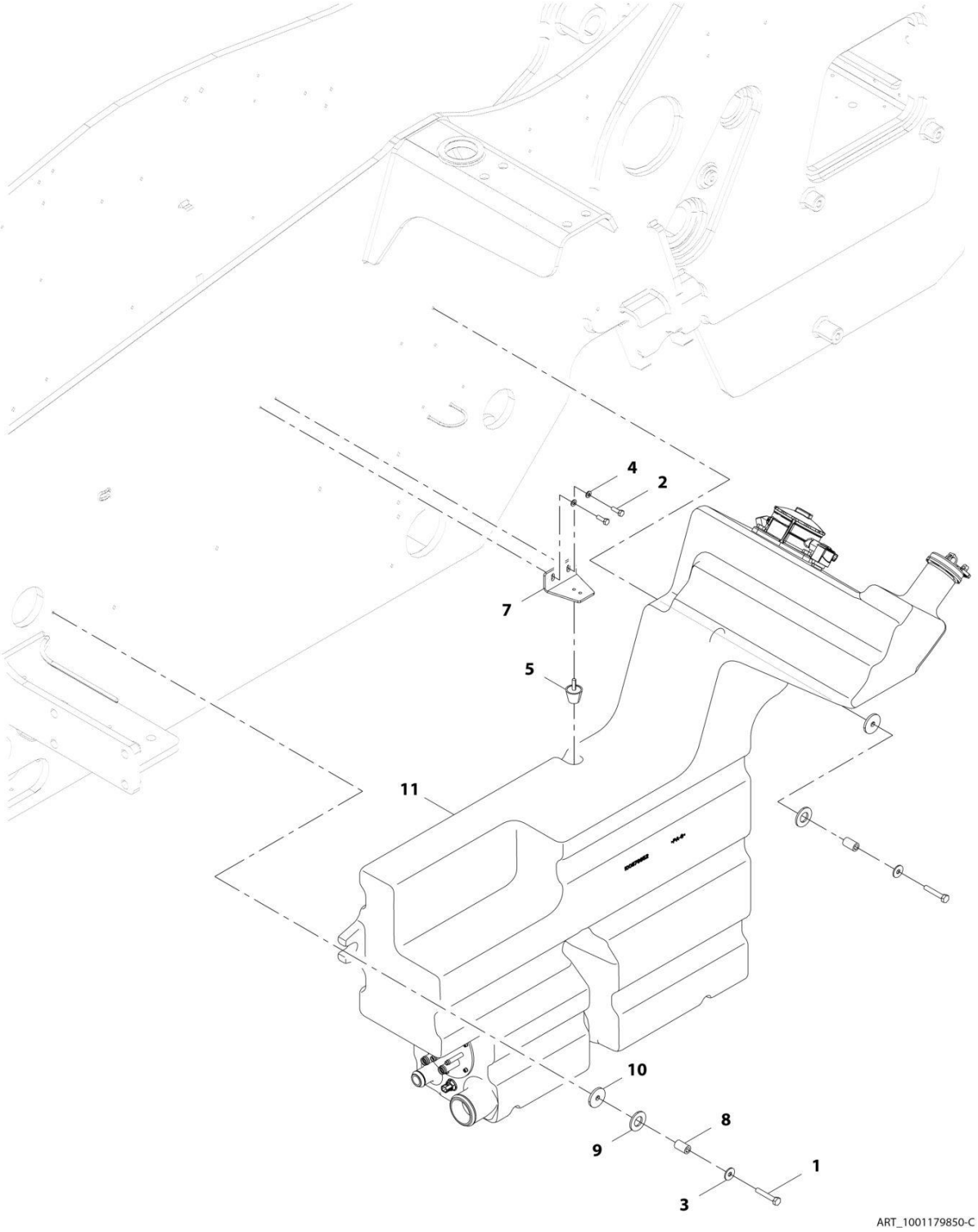
## FIGURE 1-3. TANKS INSTALLATION (TUV)



## FIGURE 1-3. TANKS INSTALLATION (TUV)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223705 | Ref | Tank Installation (TUV) | A |
| 1 | 1001179850 | Ref | Installation, Hydraulic Tank (See Separate Breakdown in this Section) | |
| 2 | 1001223706 | Ref | Installation, Fuel Tank (TUV) (See Separate Breakdown in this Section) | |

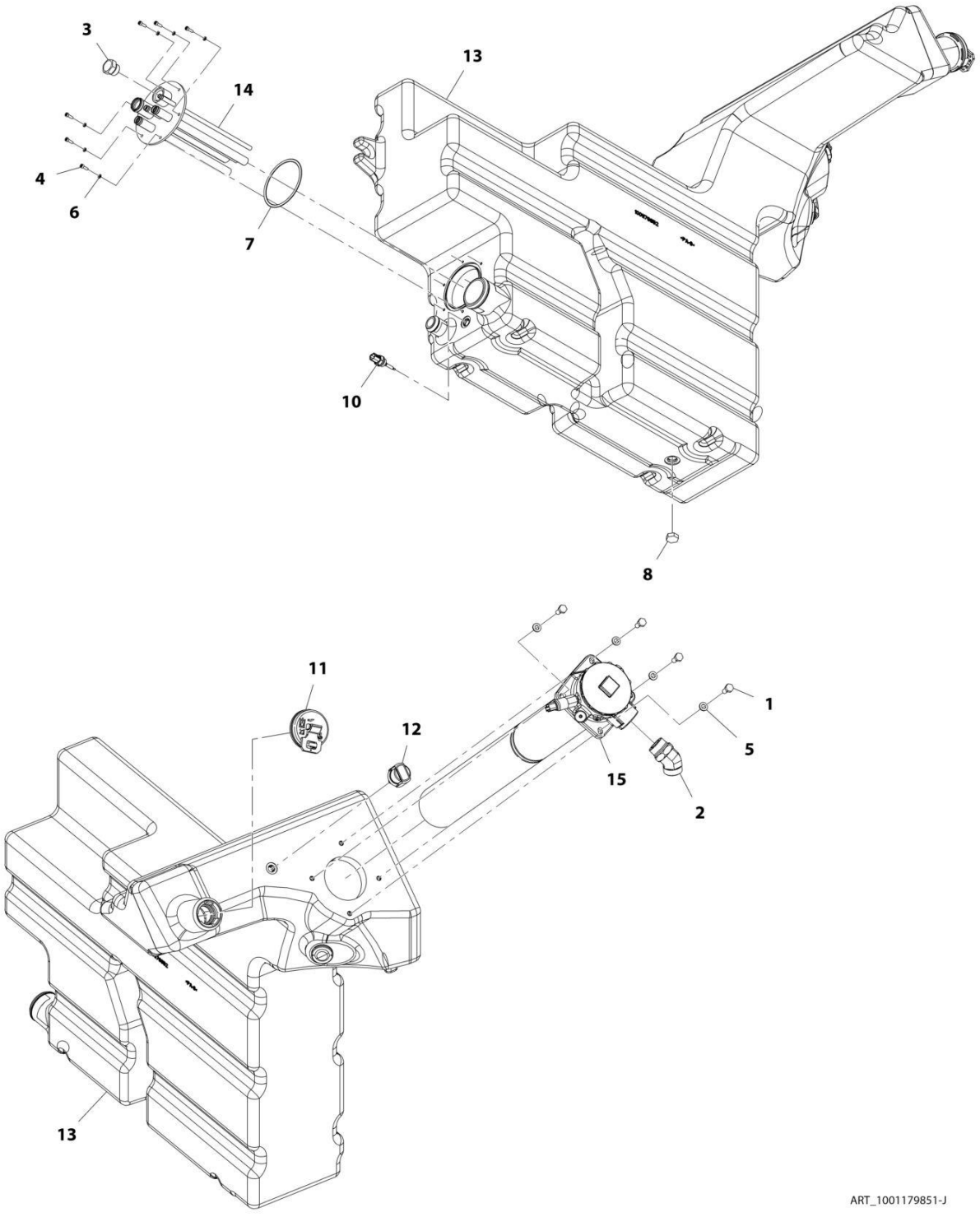
## FIGURE 1-4. HYDRAULIC TANK INSTALLATION



## FIGURE 1-4. HYDRAULIC TANK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179850 | Ref | Hydraulic Tank Installation | C |
| 1 | 0701020 | 2 | Bolt, M10X60 | |
| 2 | 0760812 | 2 | Bolt, M8X25 | |
| 3 | 4812002 | 2 | Washer, M10 | |
| 4 | 4811900 | 2 | Washer, M8 | |
| 5 | 1001008575 | 1 | Bumper, Conical | |
| 7 | 1001177082 | 1 | Bracket | |
| 8 | 1001171179 | 2 | Spacer | |
| 9 | 1001172146 | 2 | Washer, Rubber | |
| 10 | 1001172147 | 2 | Washer, M10 | |
| 11 | 1001179851 | 1 | Assembly, Hydraulic Tank (See Separate Breakdown in this Section) | |

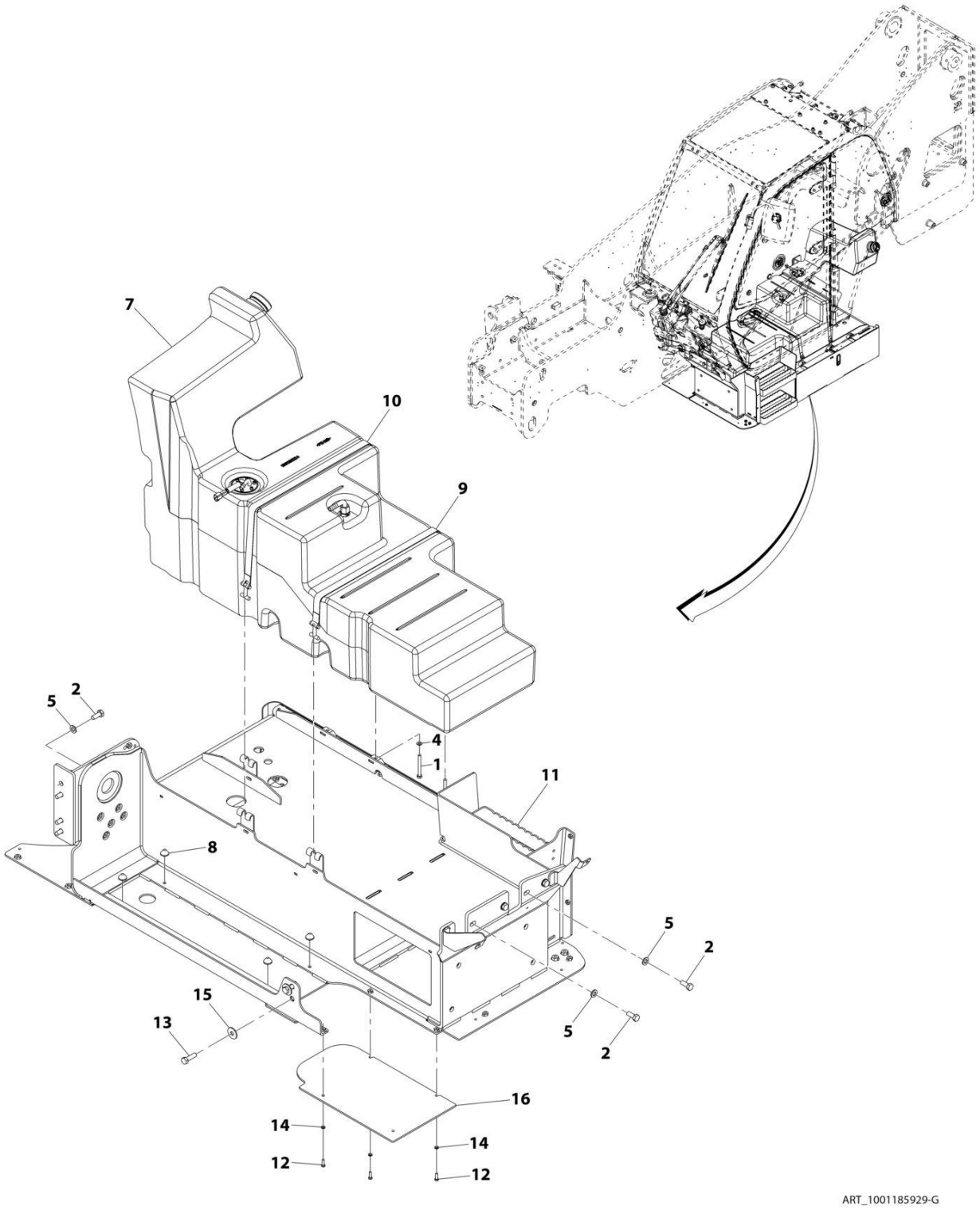
## FIGURE 1-5. HYDRAULIC TANK ASSEMBLY



## FIGURE 1-5. HYDRAULIC TANK ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179851 | Ref | Hydraulic Tank Assembly | J |
| 1 | 0761012 | 4 | Bolt, M10X25 | |
| 2 | 2152020 | 1 | Fitting, 45 ORFS | |
| 3 | 2220240 | 1 | Fitting, Straight | |
| 4 | 4031607 | 6 | Bolt, M5-.8X16 | |
| 5 | 4812000 | 4 | Washer, M10 | |
| 6 | 4831600 | 6 | Washer, Lock M5 | |
| 7 | 1001003301 | 1 | Seal O-Ring | |
| 8 | 2220239 | 1 | Plug | |
| 10 | 1001128478 | 1 | Sensor | |
| 11 | 1001194981 | 1 | Cap, Hydraulic | |
| 12 | 1001162662 | 1 | Filter, Breather | |
| 13 | 1001179852 | 1 | Tank, Hydraulic | |
| 14 | 1001191157 | 1 | Manifold, Hydraulic Return | |
| 15 | 1001191163 | 1 | Filter | |
| 15 | 1001191685 | 1 | Element, Filter | |

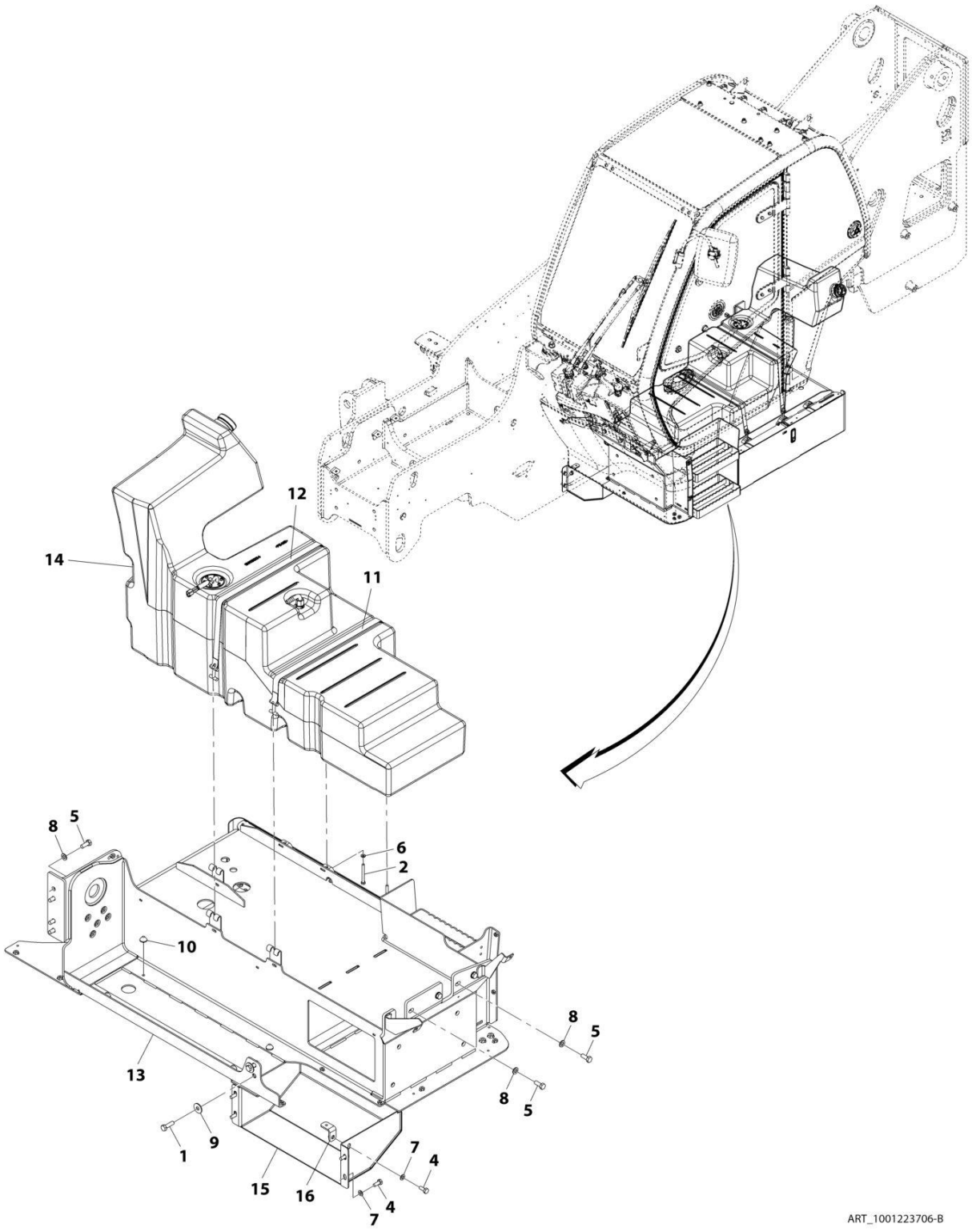
## FIGURE 1-6. FUEL TANK INSTALLATION (STANDARD)



## FIGURE 1-6. FUEL TANK INSTALLATION (STANDARD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001185929 | Ref | Fuel Tank Installation | G |
| 1 | 0760823 | 2 | Bolt, M8X75 | |
| 2 | 0761214 | 8 | Bolt, M12X30 | |
| 4 | 4811900 | 2 | Washer, M8 | |
| 5 | 4812100 | 8 | Washer, M12 | |
| 7 | 1001192125 | 1 | Assembly, Fuel Tank (See Separate Breakdown in this Section) | |
| 8 | 1001169454 | 4 | Buffer | |
| 9 | 1001178474 | 1 | Strap | |
| 10 | 1001178693 | 1 | Strap | |
| 11 | 1001185930 | 1 | Installation, Tank Support (See Separate Breakdown in this Section) | |
| 12 | 0700610 | 3 | Bolt, M6X20 | |
| 13 | 0701216 | 2 | Bolt, M12X40 | |
| 14 | 4811700 | 3 | Washer, M6 | |
| 15 | 4812102 | 2 | Washer, M12 | |
| 16 | 1001197480 | 1 | Plate | |

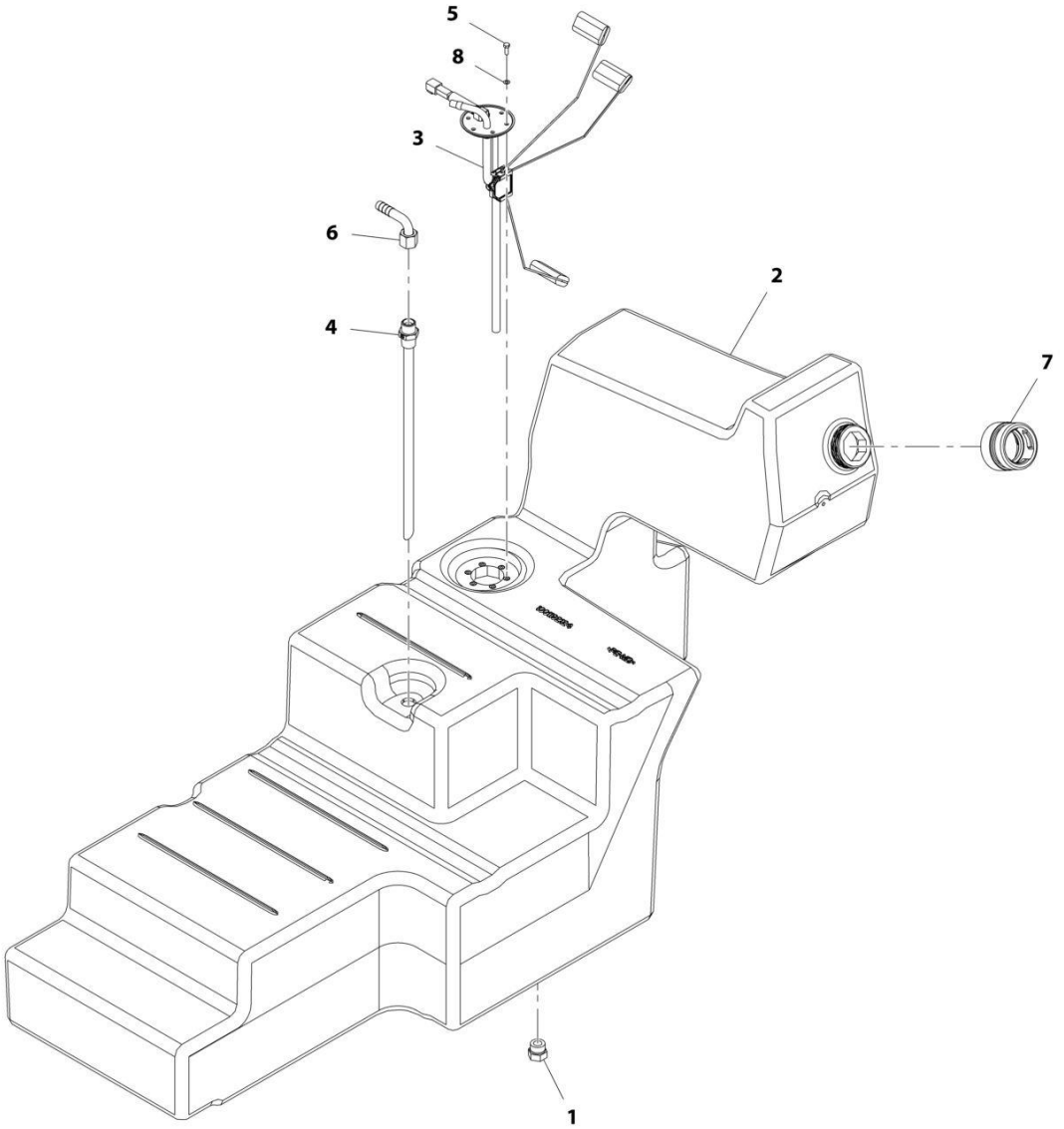
## FIGURE 1-7. FUEL TANK INSTALLATION (TUV)



## FIGURE 1-7. FUEL TANK INSTALLATION (TUV)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223706 | Ref | Fuel Tank Installation (TUV) | B |
| 1 | 0701216 | 2 | Bolt, M12X40 | |
| 2 | 0760823 | 2 | Bolt, M8X75 | |
| 4 | 0761012 | 5 | Bolt, M10X25 | |
| 5 | 0761214 | 8 | Bolt, M12X30 | |
| 6 | 4811900 | 2 | Washer, M8 | |
| 7 | 4812000 | 5 | Washer, M10 | |
| 8 | 4812100 | 8 | Washer, M12 | |
| 9 | 4812102 | 2 | Washer, M12 | |
| 10 | 1001169454 | 4 | Buffer | |
| 11 | 1001178474 | 1 | Strap | |
| 12 | 1001178693 | 1 | Strap | |
| 13 | 1001185930 | Ref | Installation, Tank Support (See Separate Breakdown in this Section) | |
| 14 | 1001192125 | 1 | Assembly, Fuel Tank (See Separate Breakdown in this Section) | |
| 15 | 1001223870 | 1 | Panel | |
| 16 | 1001223911 | 1 | Plate | |

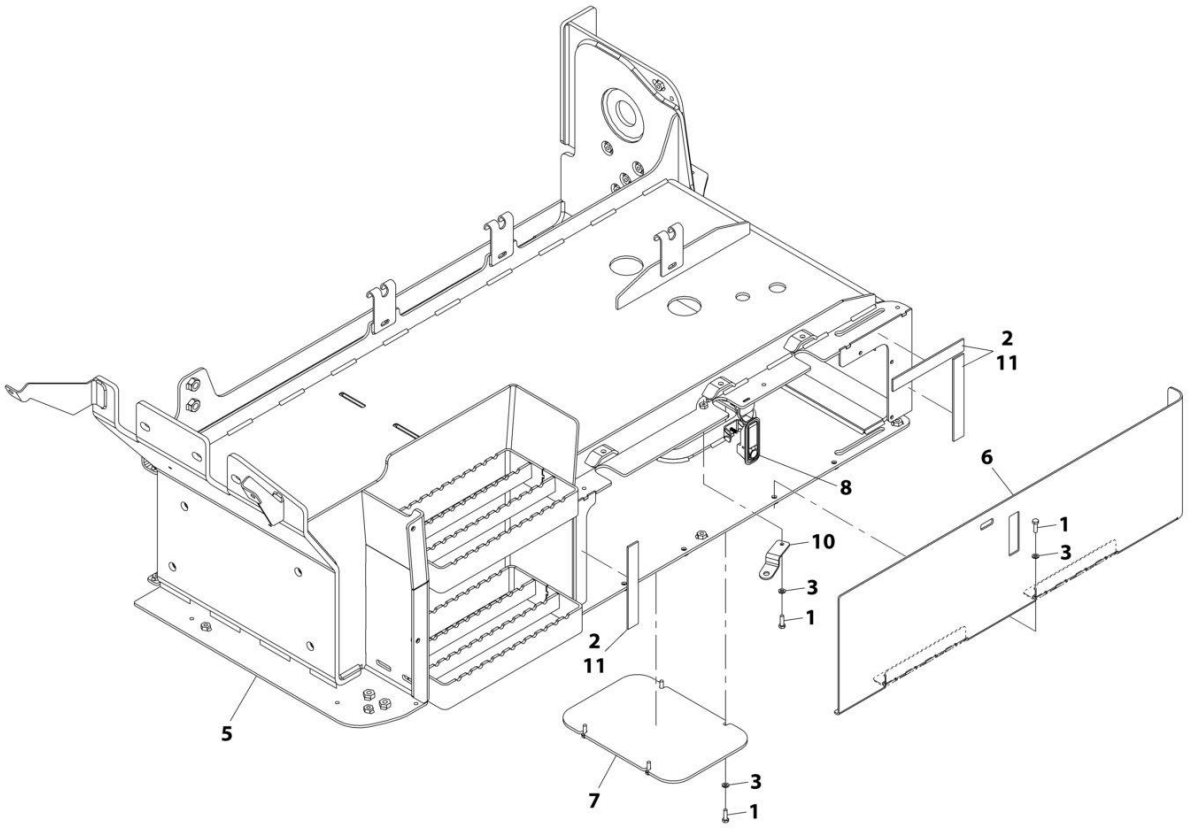
## FIGURE 1-8. FUEL TANK ASSEMBLY



## FIGURE 1-8. FUEL TANK ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192125 | Ref | FUEL TANK ASSEMBLY | C |
| 1 | 1001003427 | 1 | Plug | |
| 2 | 1001192124 | 1 | Tank, Fuel | |
| 3 | 1001222188 | 1 | Pump, Fuel | |
| 4 | 1001170106 | 1 | Pipe, Fuel Supply | |
| 5 | 4031607 | 6 | Bolt, M5X16 | |
| 6 | 1001172693 | 1 | Fitting, 90 | |
| 7 | 1001192392 | 1 | Adapter | |
| 8 | 1001222190 | 6 | Washer | |

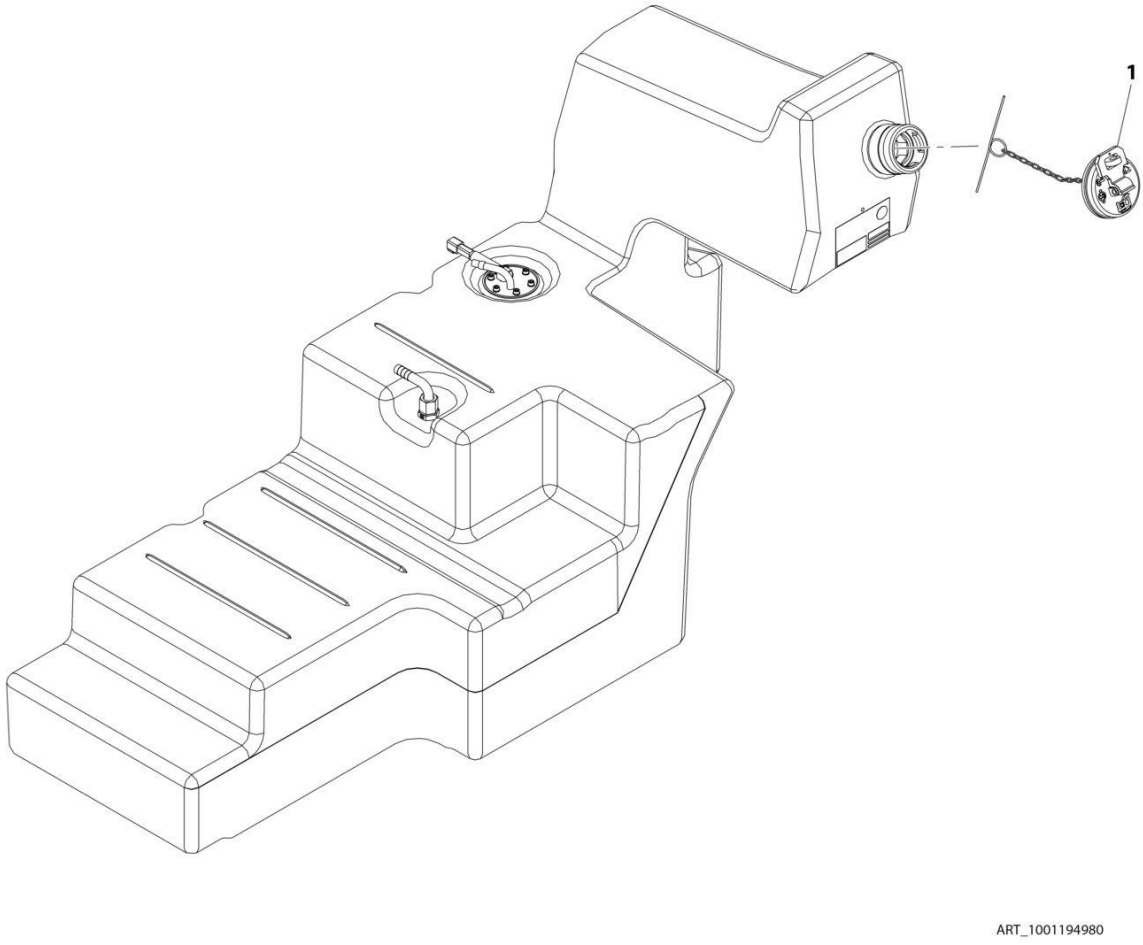
## FIGURE 1-9. TANK SUPPORT INSTALLATION



## FIGURE 1-9. TANK SUPPORT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001185930 | Ref | Tank Support Installation | K |
| 1 | 0700610 | 9 | Bolt, M6X20 | |
| 2 | 4280307 | 3 | Strip | |
| 3 | 4811700 | 9 | Washer, M6 | |
| 5 | 1001185931 | 1 | Plate, Support | |
| 6 | 1001185933 | 1 | Cover | |
| 7 | 1001185935 | 1 | Cover | |
| 8 | 1001189246 | 1 | Latch, Locking | |
| 10 | 1001197481 | 1 | Plate | |
| 11 | 0100081 | AR | Compound, Locking | |

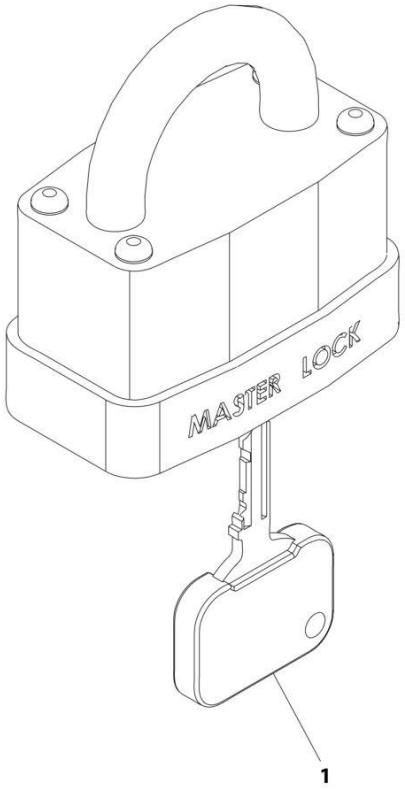
**FIGURE 1-10. LOCKING FUEL CAP**



## FIGURE 1-10. LOCKING FUEL CAP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001194980 | Ref | Locking Fuel Cap | A |

**FIGURE 1-11. PAD LOCK**

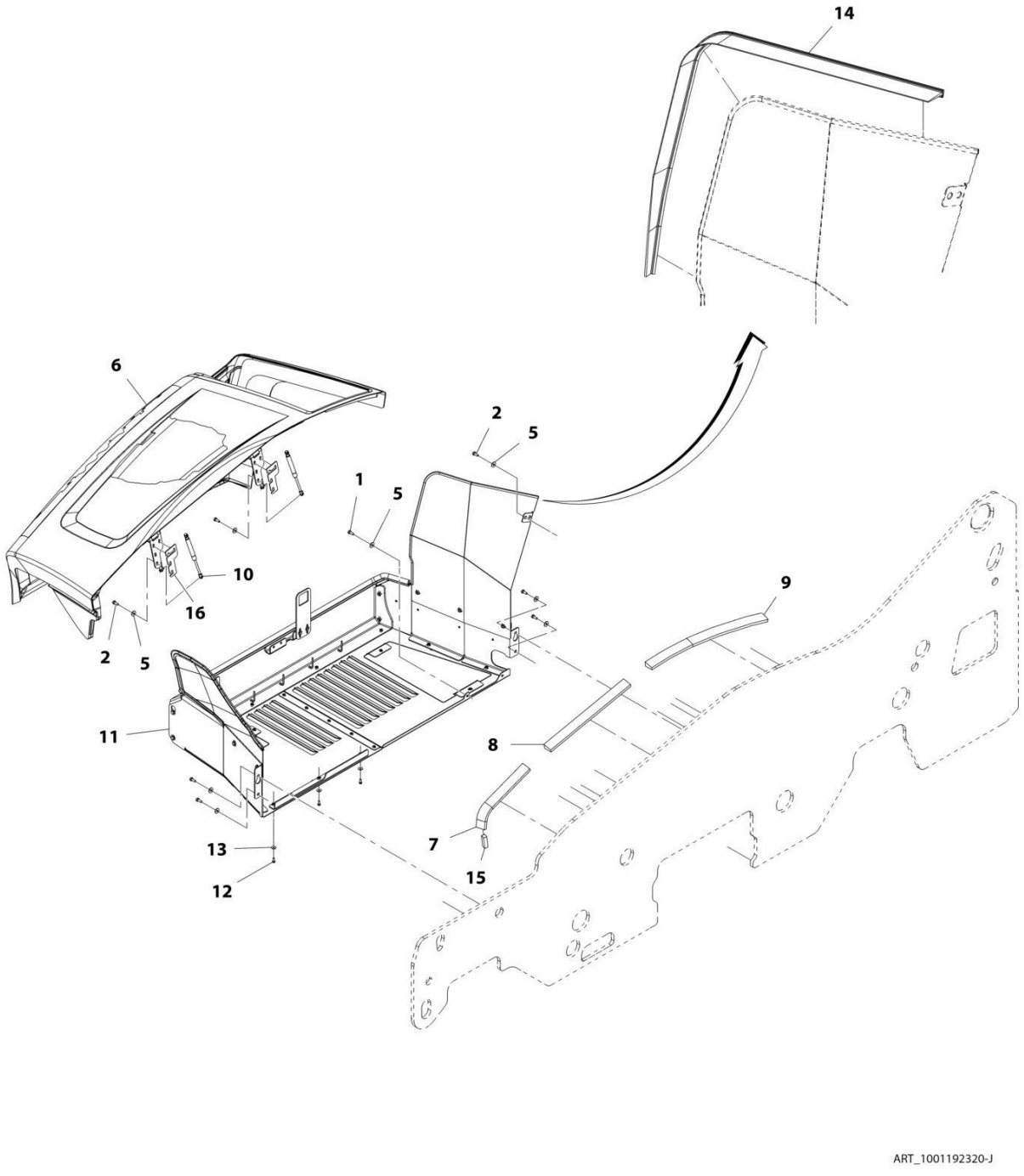



ART_1001102157-A

## FIGURE 1-11. PAD LOCK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001102157 | Ref | Pad Lock | A |
| 1 | 8342813 | 1 | Key | |

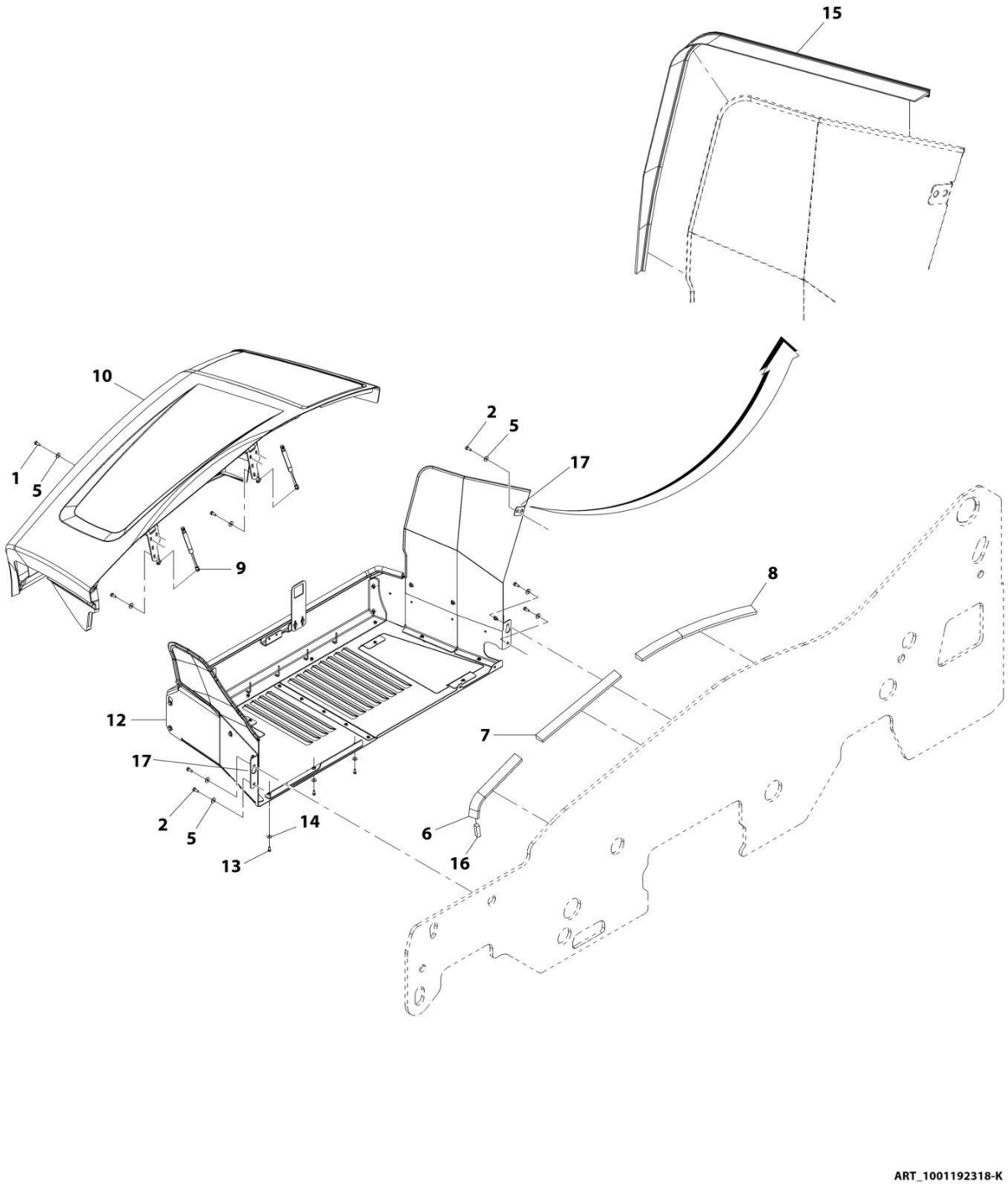
## FIGURE 1-12. ENGINE ENCLOSURE & HOOD INSTALLATION (1732)



## FIGURE 1-12. ENGINE ENCLOSURE & HOOD INSTALLATION (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192320 | Ref | Engine Enclosure Installation | J |
| 1 | 0761010 | 1 | Bolt, M10X20 | |
| 2 | 0761012 | 11 | Bolt, M10X25 | |
| 5 | 4812002 | 12 | Washer, M10 | |
| 6 | 1001235963 | 1 | Assembly, Hood (See Separate Breakdown in this Section) | |
| 7 | 1001203932 | 1 | Seal | |
| 8 | 1001203933 | 1 | Seal | |
| 9 | 1001203934 | 1 | Seal | |
| 10 | 1001171885 | 2 | Spring, Gas | |
| 11 | 1001192622 | 1 | Assembly, Engine Enclosure (See Separate Breakdown in this Section) | |
| 12 | 0760810 | 3 | Bolt, M8X20 | |
| 13 | 4811902 | 3 | Washer, M8 | |
| 14 | 1001197339 | 1 | Seal | |
| 15 | 1001229609 | 1 | Seal, Foam Gasket | |
| 16 | 1001241836 | AR | Shim | |

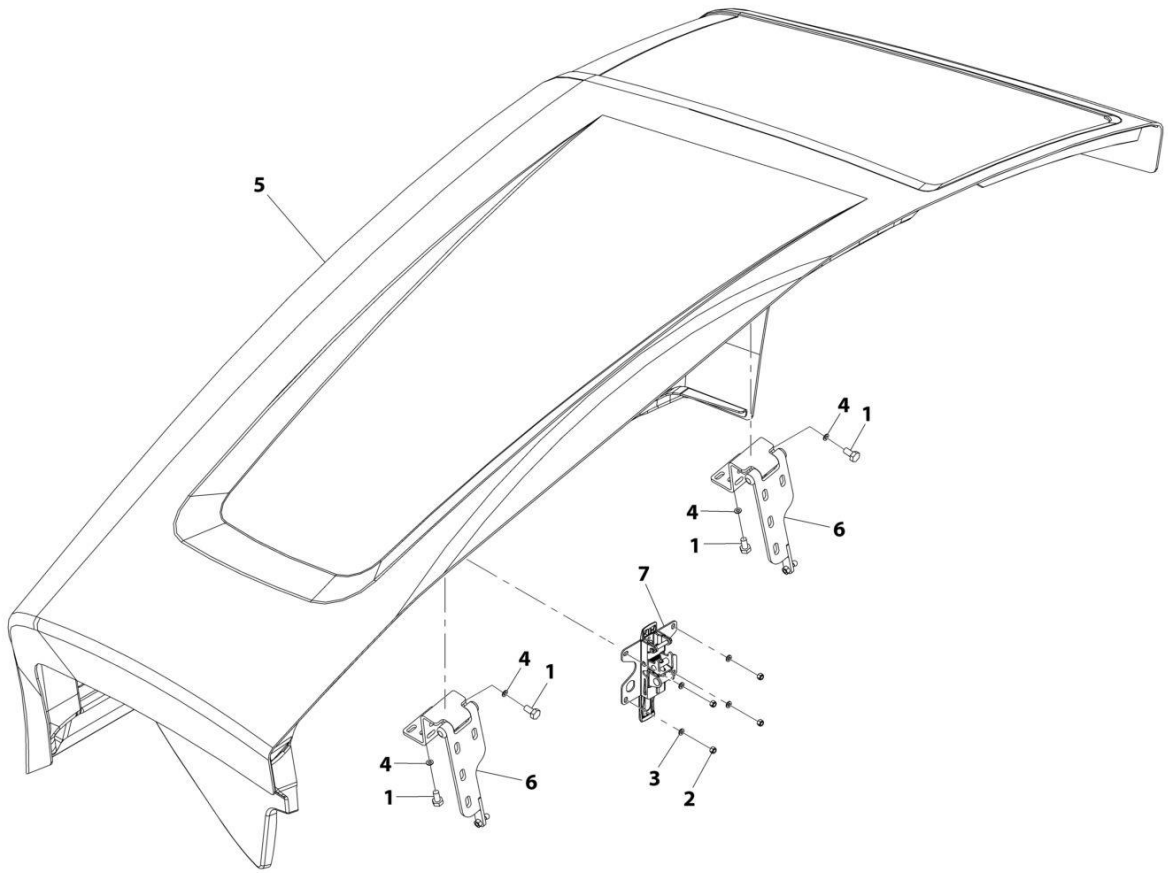
## FIGURE 1-13. ENGINE ENCLOSURE & HOOD INSTALLATION (8010)



## FIGURE 1-13. ENGINE ENCLOSURE & HOOD INSTALLATION (8010)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192318 | Ref | Engine Enclosure Installation | K |
| 1 | 0761010 | 1 | Bolt, M10X20 | |
| 2 | 0761012 | 11 | Bolt, M10X25 | |
| 5 | 4812002 | 12 | Washer, M10 | |
| 6 | 1001203932 | 1 | Seal | |
| 7 | 1001203933 | 1 | Seal | |
| 8 | 1001203934 | 1 | Seal | |
| 9 | 1001171885 | 2 | Spring, Gas | |
| 10 | 1001235965 | 1 | Assembly, Engine Hood (See Separate Breakdown in this Section) | |
| 12 | 1001192622 | 1 | Assembly, Engine Enclosure (See Separate Breakdown in this Section) | |
| 13 | 0760810 | 3 | Bolt, M8X20 | |
| 14 | 4811902 | 3 | Washer, M8 | |
| 15 | 1001197339 | 1 | Seal | |
| 16 | 1001229609 | 1 | Seal, Foam Gasket | |
| 17 | 1001241836 | AR | Shim | |

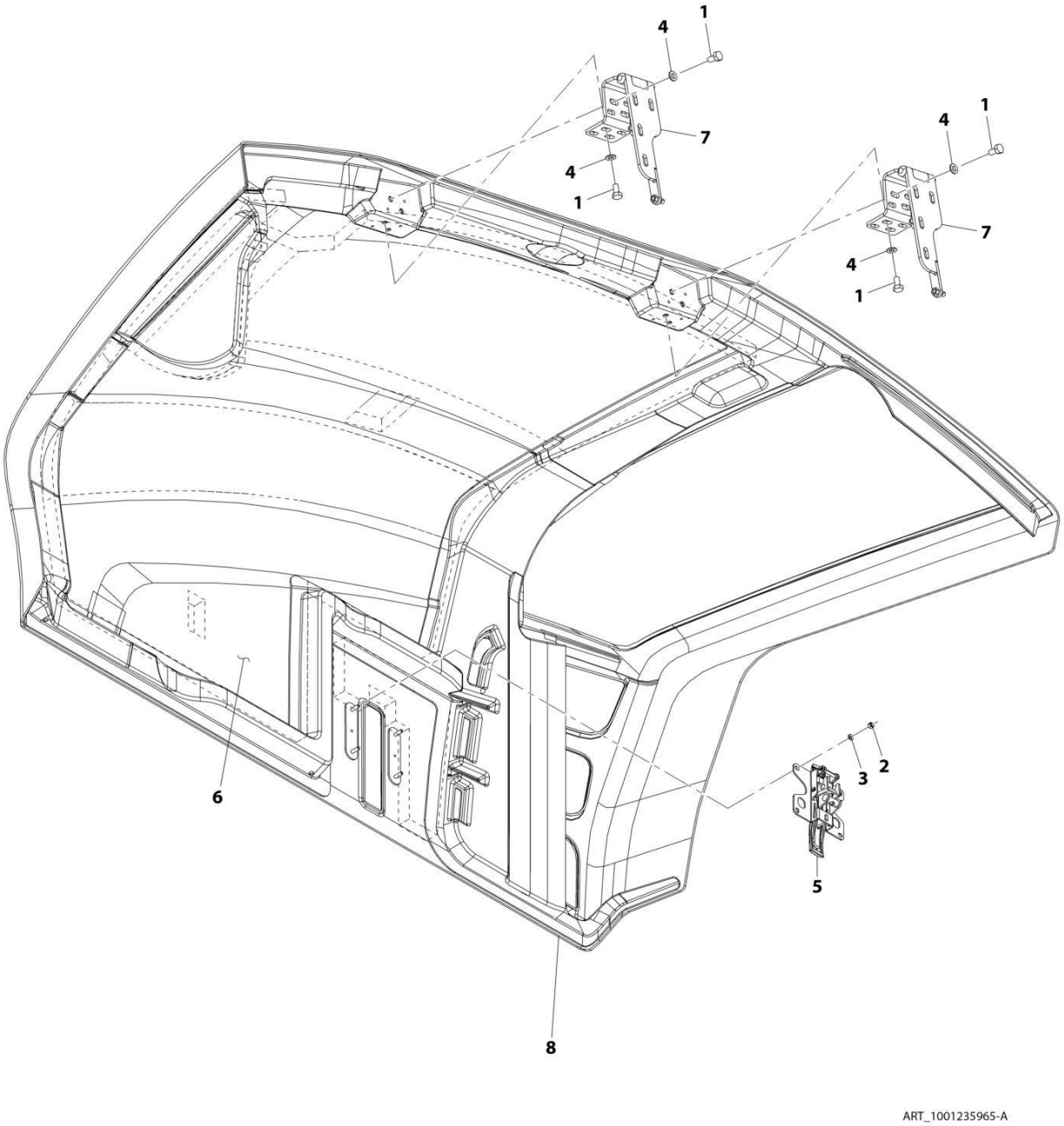
## FIGURE 1-14. HOOD ASSEMBLY (1732)



## FIGURE 1-14. HOOD ASSEMBLY (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001235963 | Ref | Hood Assembly | B |
| 1 | 0761010 | 8 | Bolt, M10X20 | |
| 2 | 3290605 | 4 | Nut, Lock M6X1 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4812000 | 8 | Washer, M10 | |
| 5 | 1001234455 | 1 | Hood | |
| 6 | 1001209387 | 2 | Hinge, Hood | |
| 7 | 1001132168 | 1 | Latch, Hood | |

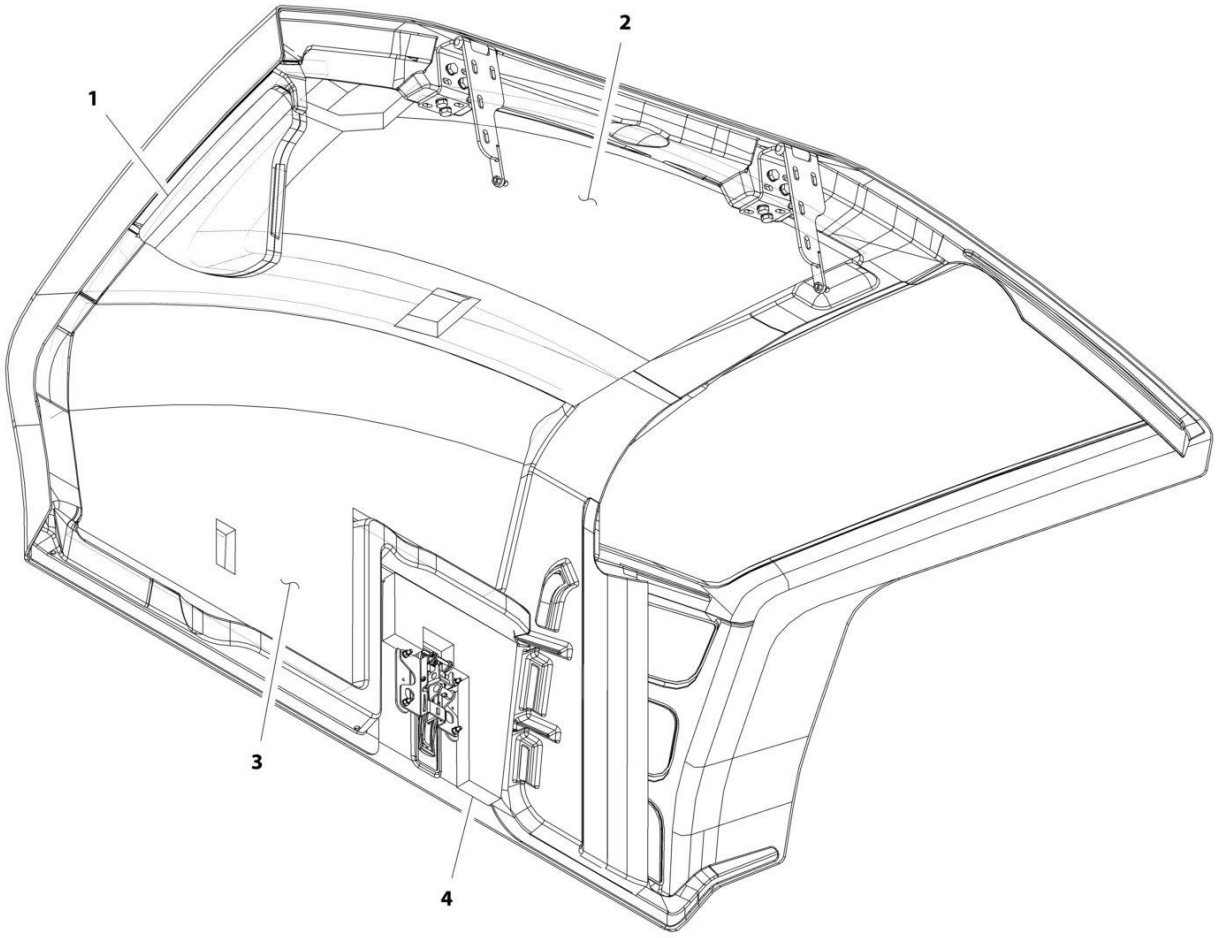
## FIGURE 1-15. HOOD ASSEMBLY (8010)



## FIGURE 1-15. HOOD ASSEMBLY (8010)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001235965 | Ref | Engine Hood Assembly | A |
| 1 | 0761010 | 8 | Bolt, M10X20 | |
| 2 | 3290605 | 4 | Nut, Lock M6X1 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4812000 | 8 | Washer, M10 | |
| 5 | 1001132168 | 1 | Latch, Hood | |
| 6 | 1001172110 | 1 | Installation, Engine Hood Insulation (See Separate Breakdown in this Section) | |
| 7 | 1001209387 | 2 | Hinge | |
| 8 | 1001234455 | 1 | Hood | |

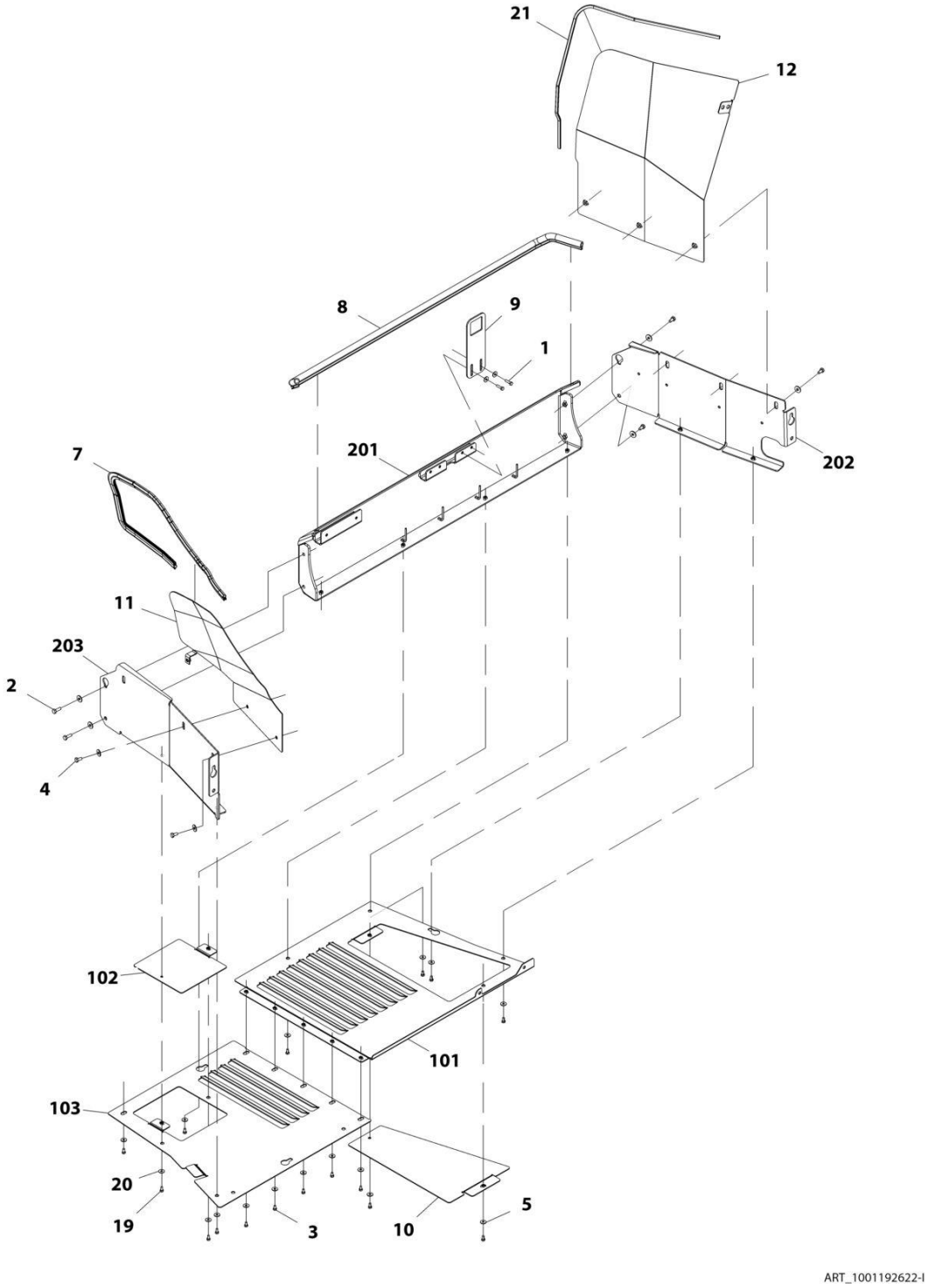
## FIGURE 1-16. ENGINE HOOD INSULATION INSTALLATION



## FIGURE 1-16. ENGINE HOOD INSULATION INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001172110 | Ref | Engine Hood Insulation Installation | G |
| 1 | 1001172112 | 1 | Insulation, Front | |
| 2 | 1001172113 | 1 | Insulation, Top | |
| 3 | 1001172114 | 1 | Insulation, Side | |
| 4 | 1001172115 | 1 | Insulation, Hood Latch | |

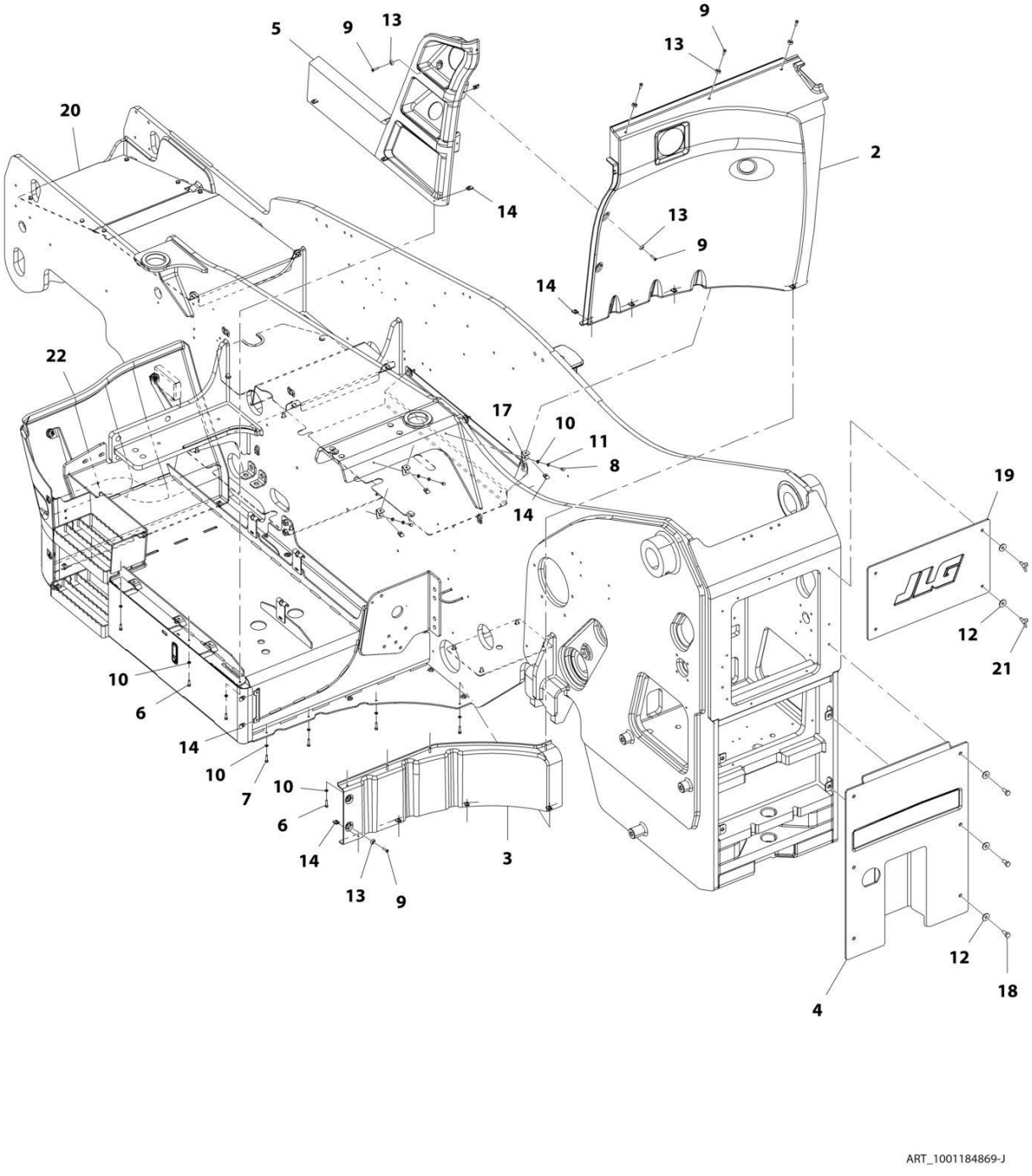
## FIGURE 1-17. ENGINE ENCLOSURE ASSEMBLY



## FIGURE 1-17. ENGINE ENCLOSURE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192622 | Ref | Engine Enclosure Assembly | I |
| 1 | 0700814 | 2 | Bolt, M8X30 | |
| 2 | 0701014 | 4 | Bolt, M10X30 | |
| 3 | 0760807 | 5 | Bolt, M8X14 | |
| 4 | 0761010 | 6 | Bolt, M10X20 | |
| 5 | 4811902 | 19 | Washer, M8 | |
| 7 | 1001003227 | 1573 mm | Seal | |
| 8 | 1001204486 | 1785 mm | Seal | |
| 9 | 1001209388 | 1 | Latch, Hood | |
| 10 | 1001169265 | 1 | Plate, Access Panel | |
| 11 | 1001219115 | 1 | Panel, Front Wheel | |
| 12 | 1001192627 | 1 | Panel, Rear Cover | |
| 19 | 0760808 | 12 | Bolt, M8X16 | |
| 20 | 4812002 | 10 | Washer, M10 | |
| 21 | 1001008999 | 1381 mm | Trim, Edge | |
| 101 | 1001192631 | 1 | Panel, Bottom Cover | |
| 102 | 1001194969 | 1 | Panel, Access | |
| 103 | 1001219250 | 1 | Panel, Bottom Front Cover | |
| 201 | 1001192623J | 1 | Panel, Side Skirt | |
| 202 | 1001224450J | 1 | Panel, Rear Skirt | |
| 203 | 1001219113J | 1 | Panel, Front Skirt | |

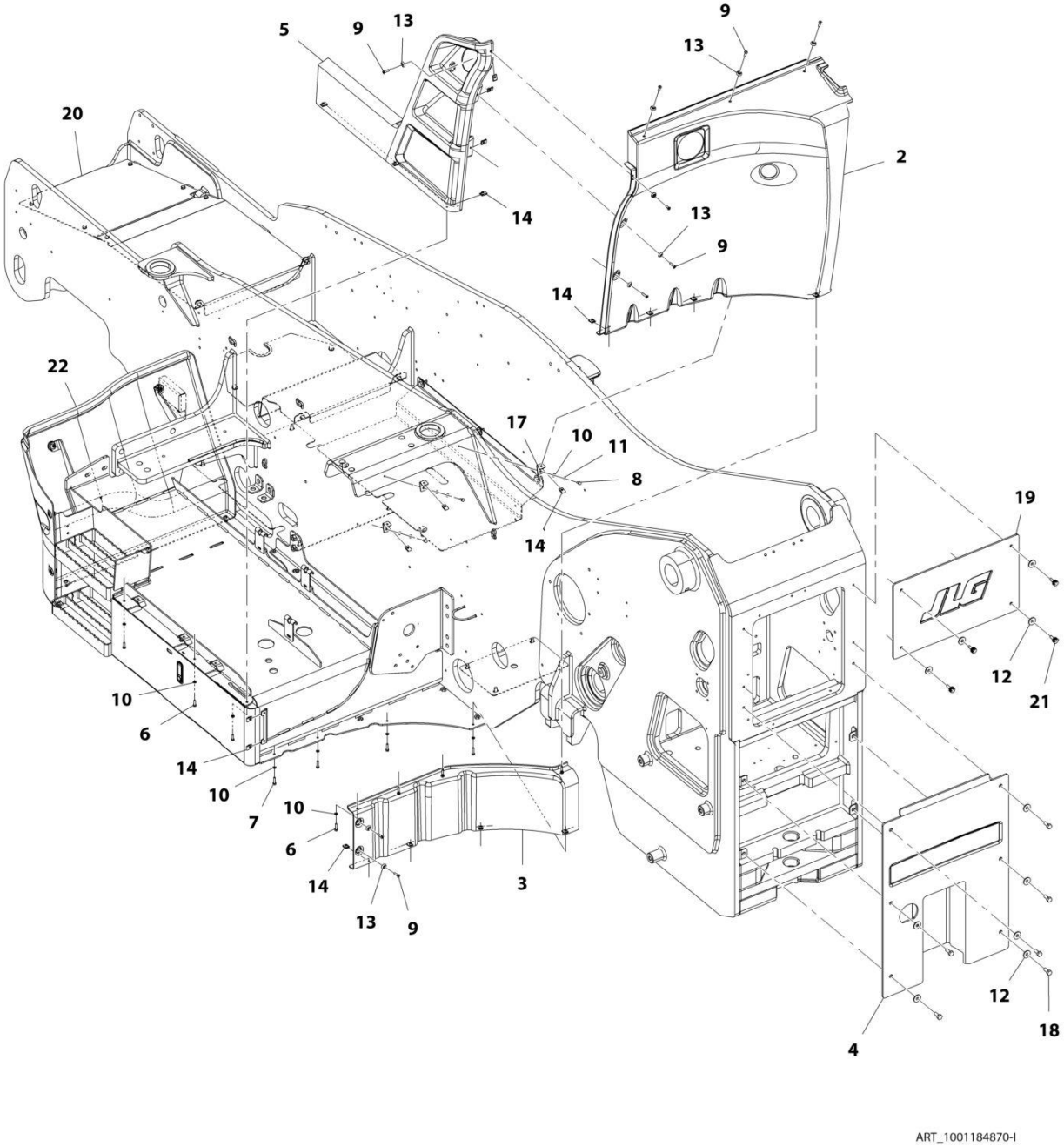
## FIGURE 1-18. COVER INSTALLATION (ULS)



## FIGURE 1-18. COVER INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184869 | Ref | Cover Installation (ULS) | J |
| 2 | 1001184872 | 1 | Cover, Rear Tank | |
| 3 | 1001184874 | 1 | Cover, Lower Rear Tank | |
| 4 | 1001213834 | 1 | Cover, Rear Frame | |
| 5 | 1001168758 | 1 | Cover, Side Tank | |
| 6 | 0700610 | 7 | Bolt, M6X20 | |
| 7 | 0700612 | 4 | Bolt, M6X25 | |
| 8 | 0760607 | 3 | Bolt, M6X14 | |
| 9 | 0630576 | 9 | Screw, M6X20 | |
| 10 | 4811700 | 14 | Washer, M6 | |
| 11 | 4831700 | 3 | Washer, Lock M6 | |
| 12 | 4812002 | 10 | Washer, M10 | |
| 13 | 1001097540 | 9 | Washer, M6 | |
| 14 | 1001130220 | 19 | Nut, M6 | |
| 17 | 1001231385 | 3 | Plate, Angle Mount | |
| 18 | 0761012 | 6 | Bolt, M10X25 | |
| 19 | 1001213833 | 1 | Cover, Rear Frame | |
| 20 | 1001198307 | 1 | Installation, Frame Cover (See Separate Breakdown in this Section) | |
| 21 | 1001250708 | 4 | Bolt, M8X20 | |
| 22 | 1001201848 | 1 | Installation, Front Lower Cover (See Separate Breakdown in this Section) | |

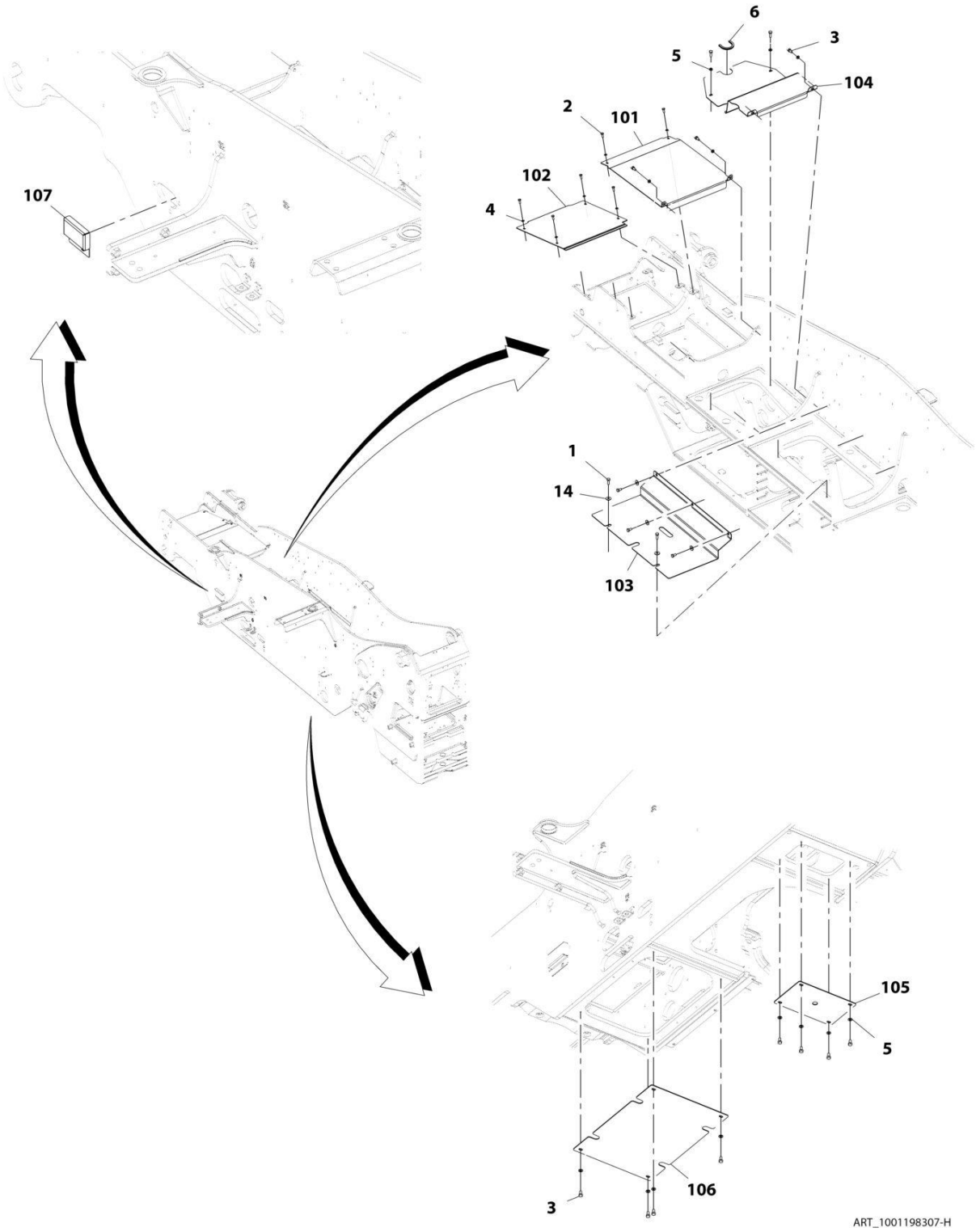
## FIGURE 1-19. COVER INSTALLATION (LS)



## FIGURE 1-19. COVER INSTALLATION (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184870 | Ref | Cover Installation (LS) | J |
| 2 | 1001184872 | 1 | Cover, Rear Tank | |
| 3 | 1001184874 | 1 | Cover, Lower Rear Tank | |
| 4 | 1001213834 | 1 | Cover, Rear Frame | |
| 5 | 1001172829 | 1 | Cover, Side Tank | |
| 6 | 0700610 | 7 | Bolt, M6X20 | |
| 7 | 0700612 | 4 | Bolt, M6X25 | |
| 8 | 0760607 | 3 | Bolt, M6X14 | |
| 9 | 0630576 | 9 | Screw, M6X20 | |
| 10 | 4811700 | 14 | Washer, M6 | |
| 11 | 4831700 | 3 | Washer, Lock M6 | |
| 12 | 4812002 | 10 | Washer, M10 | |
| 13 | 1001097540 | 9 | Washer, M6 | |
| 14 | 1001130220 | 19 | Nut, M6 | |
| 17 | 1001231385 | 3 | Plate, Angle Mount | |
| 18 | 0761012 | 6 | Bolt, M10X25 | |
| 19 | 1001213833 | 1 | Cover, Rear Frame | |
| 20 | 1001198307 | Ref | Installation, Frame Cover (See Separate Breakdown in this Section) | |
| 21 | 1001250708 | 4 | Bolt M8 x 20 | |
| 22 | 1001201848 | Ref | Installation, Front Lower Cover (See Separate Breakdown in this Section) | |

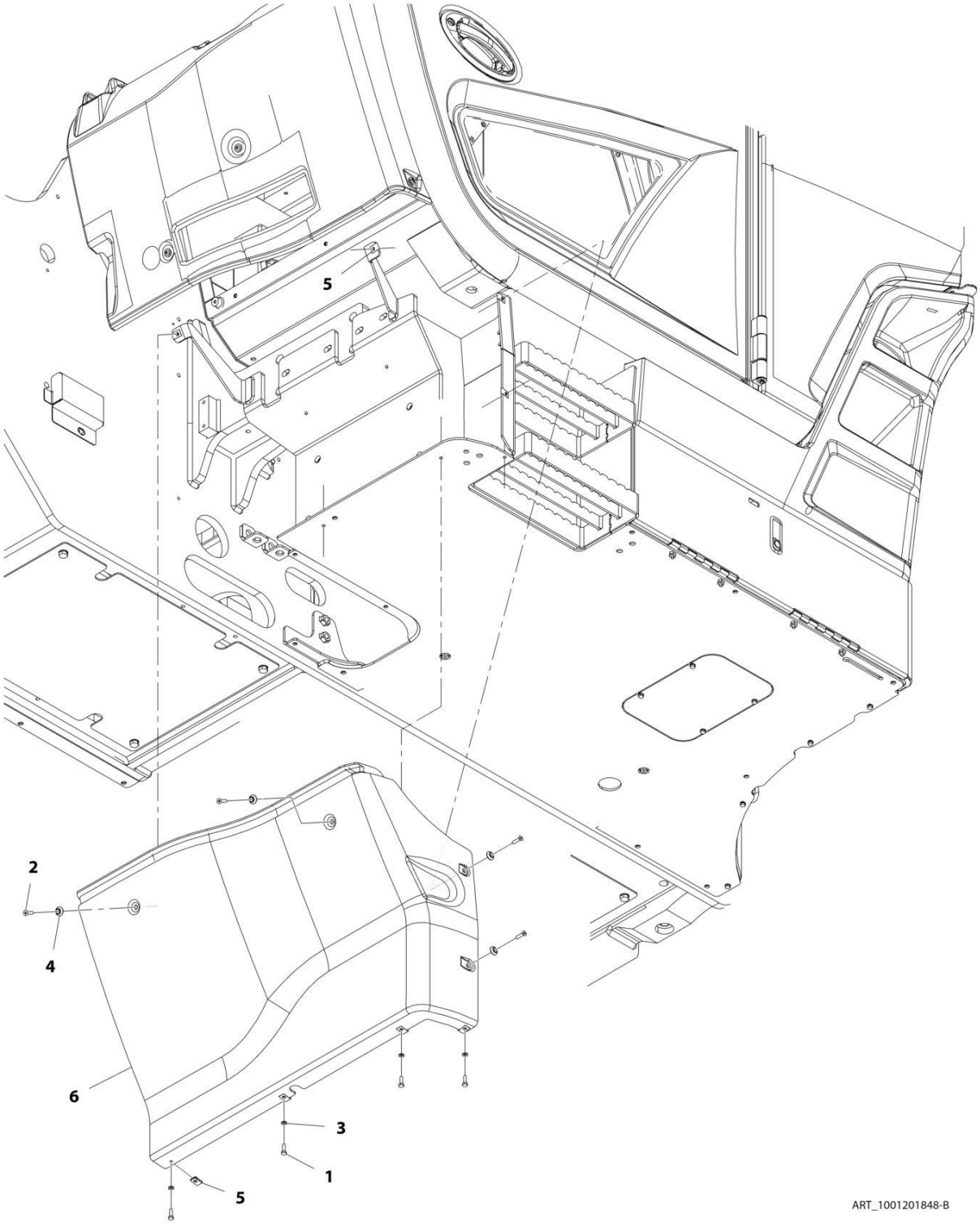
## FIGURE 1-20. FRAME COVER INSTALLATION



## FIGURE 1-20. FRAME COVER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001198307 | Ref | Frame Cover Installation | H |
| 1 | 0701014 | 4 | Bolt, M10X30 | |
| 2 | 0760810 | 6 | Bolt, M8X20 | |
| 3 | 0761010 | 15 | Bolt, M10X20 | |
| 4 | 4811900 | 6 | Washer, M8 | |
| 5 | 4812000 | 14 | Washer, M10 | |
| 6 | 90206196 | 0.15 m | Gasket | |
| 14 | 4812002 | 5 | Washer, M10 | |
| 101 | 1001197056 | 1 | Cover, Battery | |
| 102 | 1001197057 | 1 | Plate, Valve Cover | |
| 103 | 1001197733 | 1 | Plate, Frame Cover | |
| 104 | 1001197734 | 1 | Plate, Frame Cover | |
| 105 | 1001211899 | 1 | Plate, Frame Cover | |
| 106 | 1001211900 | 1 | Plate, Frame Cover | |
| 107 | 1001218694 | 1 | Cover | |

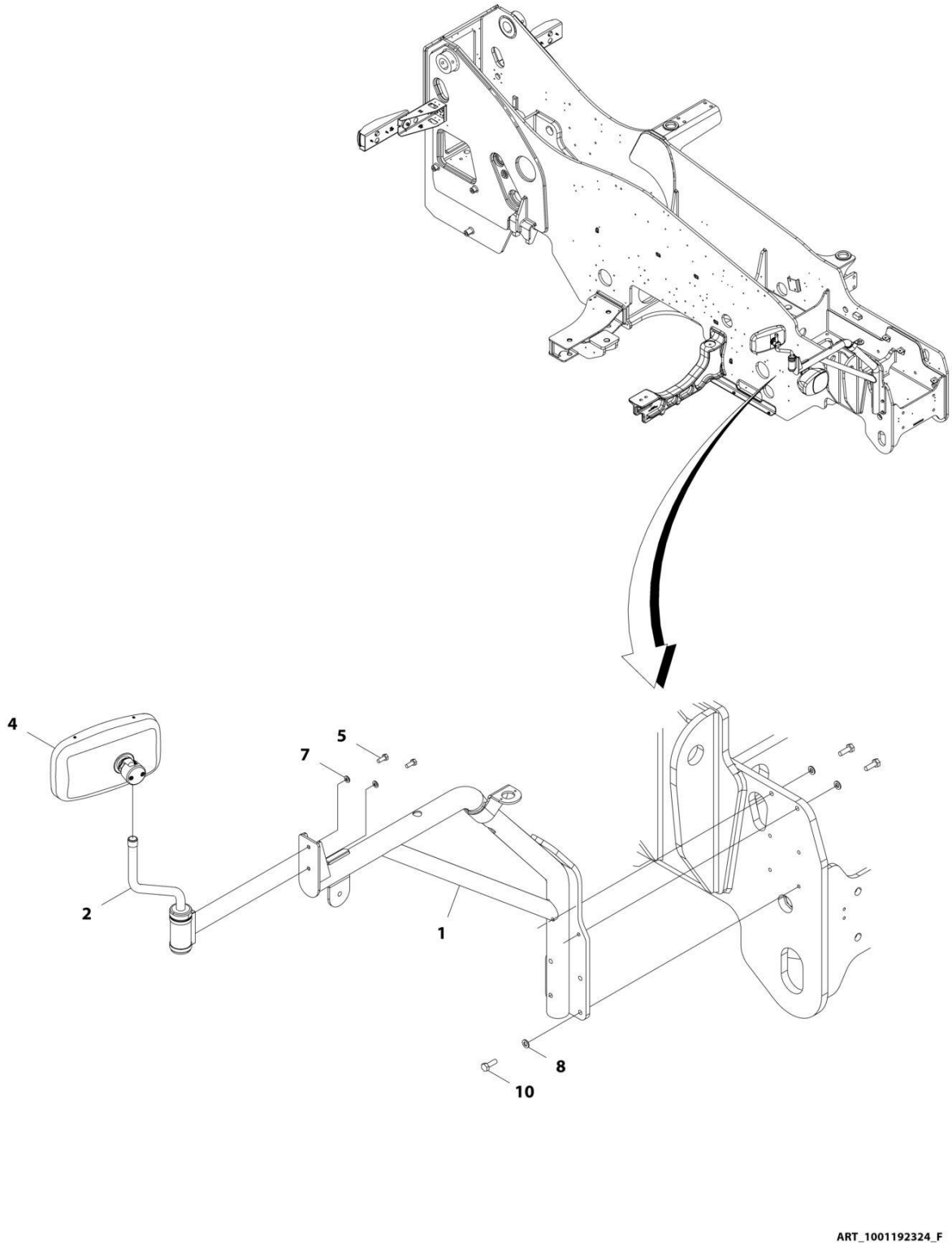
## FIGURE 1-21. FRONT LOWER COVER INSTALLATION



## FIGURE 1-21. FRONT LOWER COVER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201848 | Ref | Front Lower Cover Installation | B |
| 1 | 0700610 | 4 | Bolt, M6X20 | |
| 2 | 3900379 | 4 | Screw, M6-1.00X25 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 1001097540 | 4 | Washer, M6 | |
| 5 | 1001130220 | 6 | Nut, M6 | |
| 6 | 1001184871 | 1 | Cover, Front Lower | |

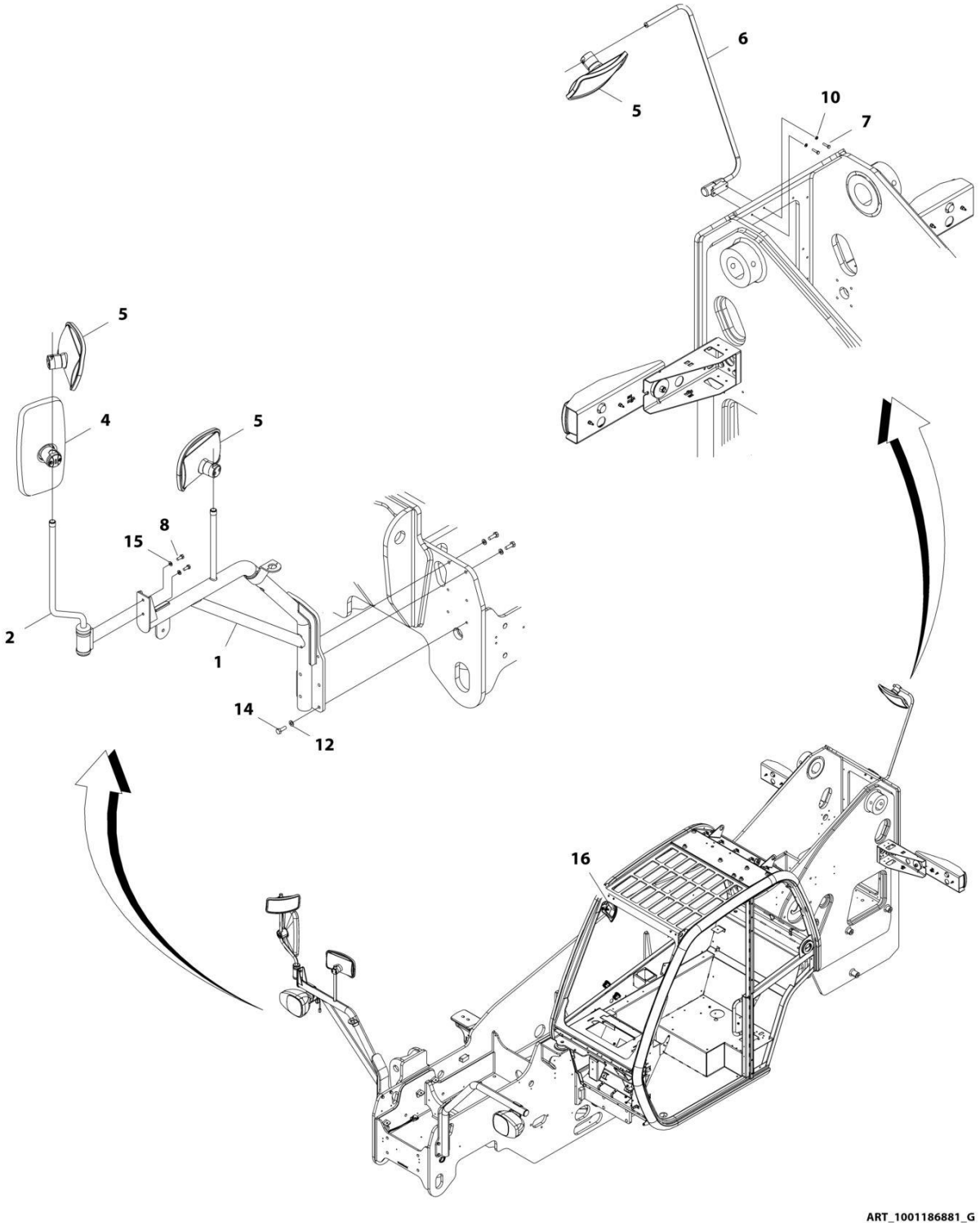
**FIGURE 1-22. MIRROR INSTALLATION (1732)**



## FIGURE 1-22. MIRROR INSTALLATION (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192324 | Ref | Mirror Installation | F |
| 1 | 1001265344 | 1 | Bracket | |
| 2 | 1001209346 | 1 | Bracket | |
| 4 | 1001191635 | 1 | Mirror, Convex | |
| 5 | 0760810 | 2 | Bolt, M8X20 | |
| 7 | 4811900 | 2 | Bolt, M8X20 | |
| 8 | 4812000 | 6 | Washer, M10 | |
| 10 | 0701014 | 6 | Bolt, M10X30 | |

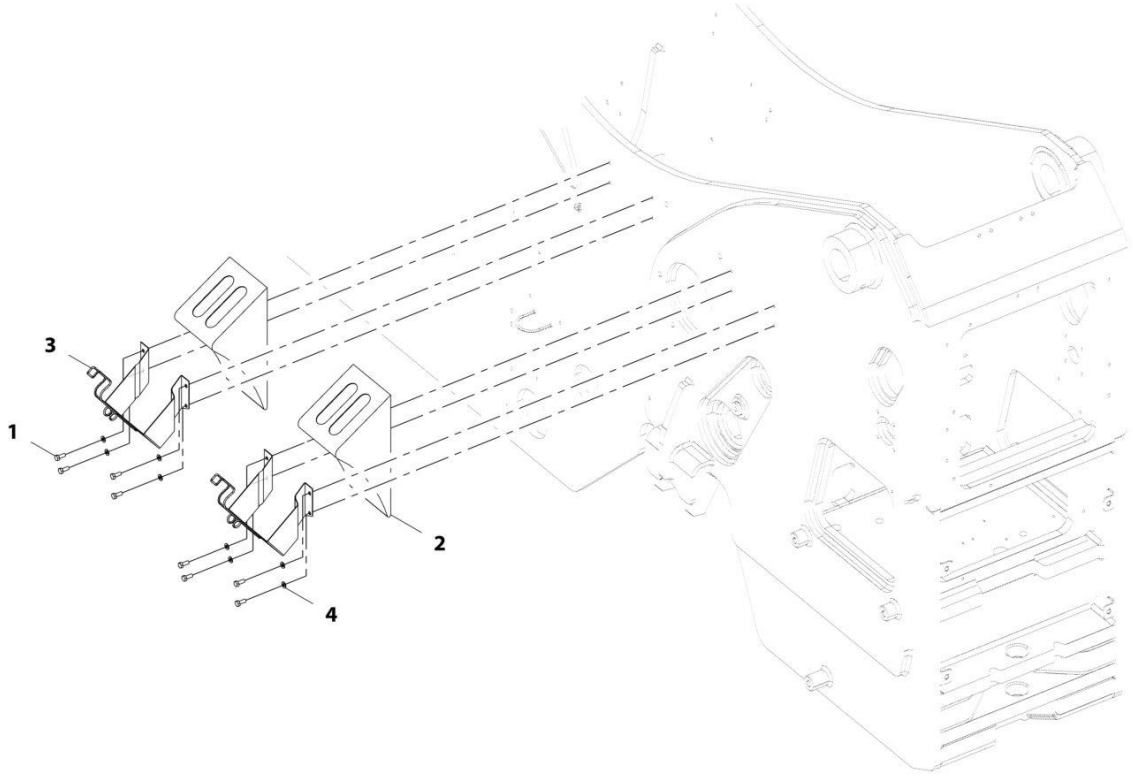
## FIGURE 1-23. MIRROR INSTALLATION (8010)



## FIGURE 1-23. MIRROR INSTALLATION (8010)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186881 | Ref | Mirror Installation | G |
| 1 | 1001265346 | 1 | Bracket | |
| 2 | 1001209345 | 1 | Bracket | |
| 4 | 1001175812 | 1 | Mirror, Dual Lens | |
| 5 | 1001142724 | 3 | Mirror, Convex | |
| 6 | 1001168429 | 1 | Support, Arm | |
| 7 | 0700612 | 2 | Bolt, M6X25 | |
| 8 | 0760810 | 2 | Bolt, M8X20 | |
| 10 | 4811700 | 2 | Washer, M6 | |
| 12 | 4812000 | 6 | Washer, M10 | |
| 14 | 0701014 | 6 | Bolt, M10X30 | |
| 15 | 4811900 | 2 | Washer, M8 | |
| 16 | 1001166192 | 1 | Installation, Internal Mirror (See Separate Breakdown in CAB Section) | |

## FIGURE 1-24. WHEEL CHOCK INSTALLATION

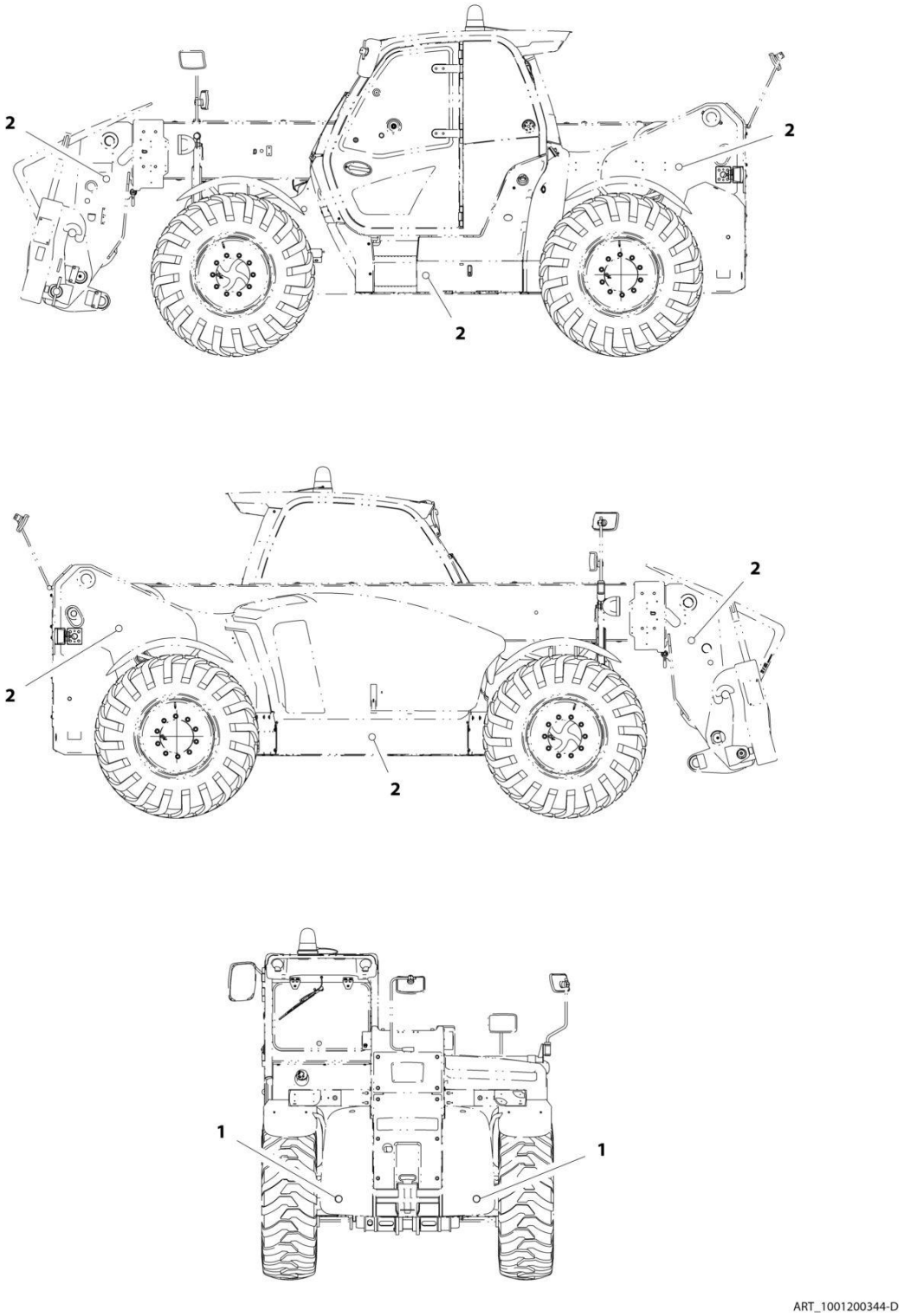



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## FIGURE 1-24. WHEEL CHOCK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192336 | Ref | Wheel Chock Installation | B |
| 1 | 0760810 | 8 | Bolt, M8X20 | |
| 2 | 806253 | 2 | Wedge | |
| 3 | 806264 | 2 | Holder, Wedge | |
| 4 | 4811900 | 8 | Washer, M8 | |

## FIGURE 1-25. REFLECTORS INSTALLATION (8010 ONLY)

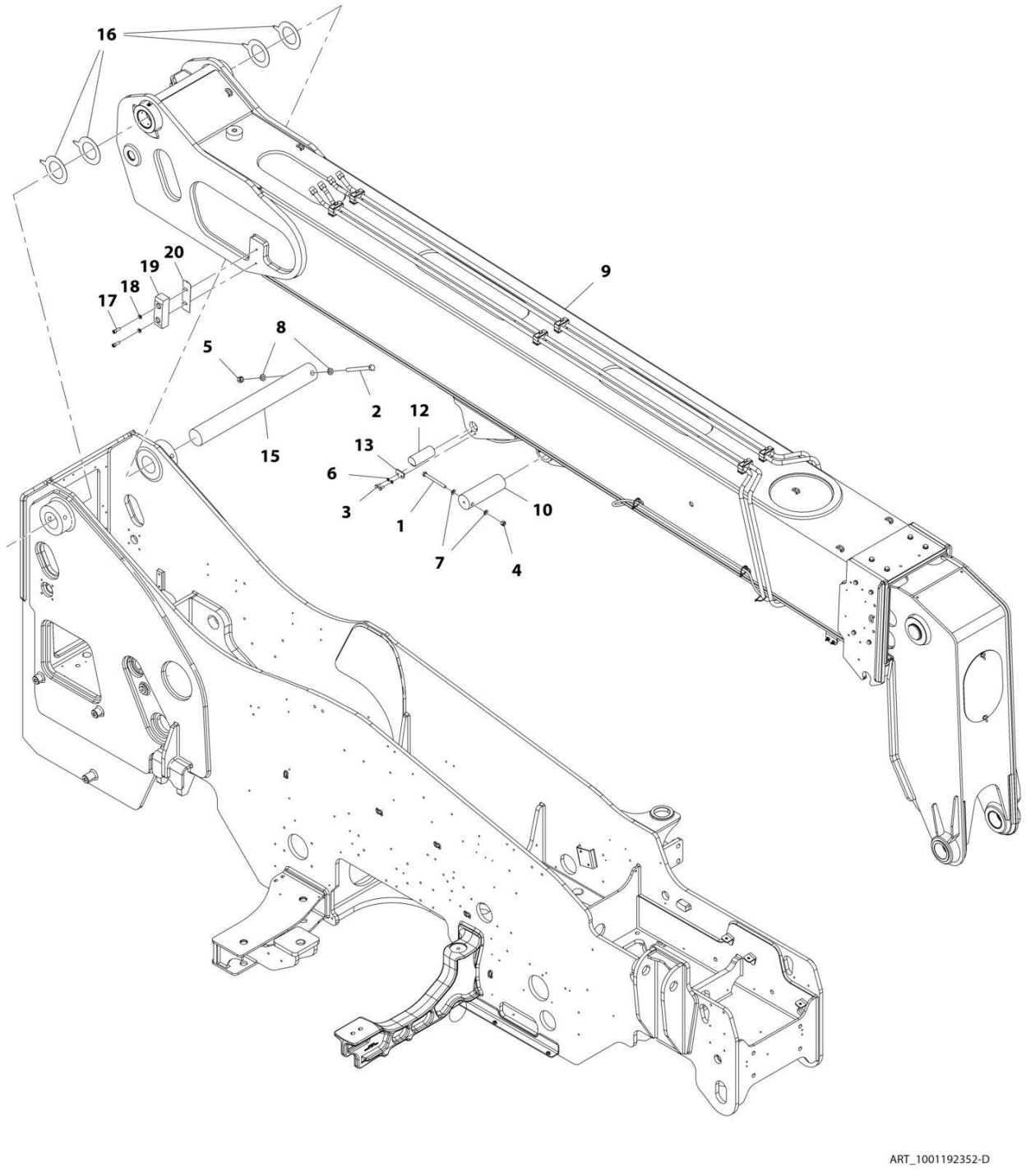


## FIGURE 1-25. REFLECTORS INSTALLATION (8010 ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200344 | Ref | Reflectors Installation | D |
| 1 | 3700015 | 2 | Reflector, Rear | |
| 2 | 3700016 | 6 | Reflector, Side | |

# SECTION 2 - BOOM

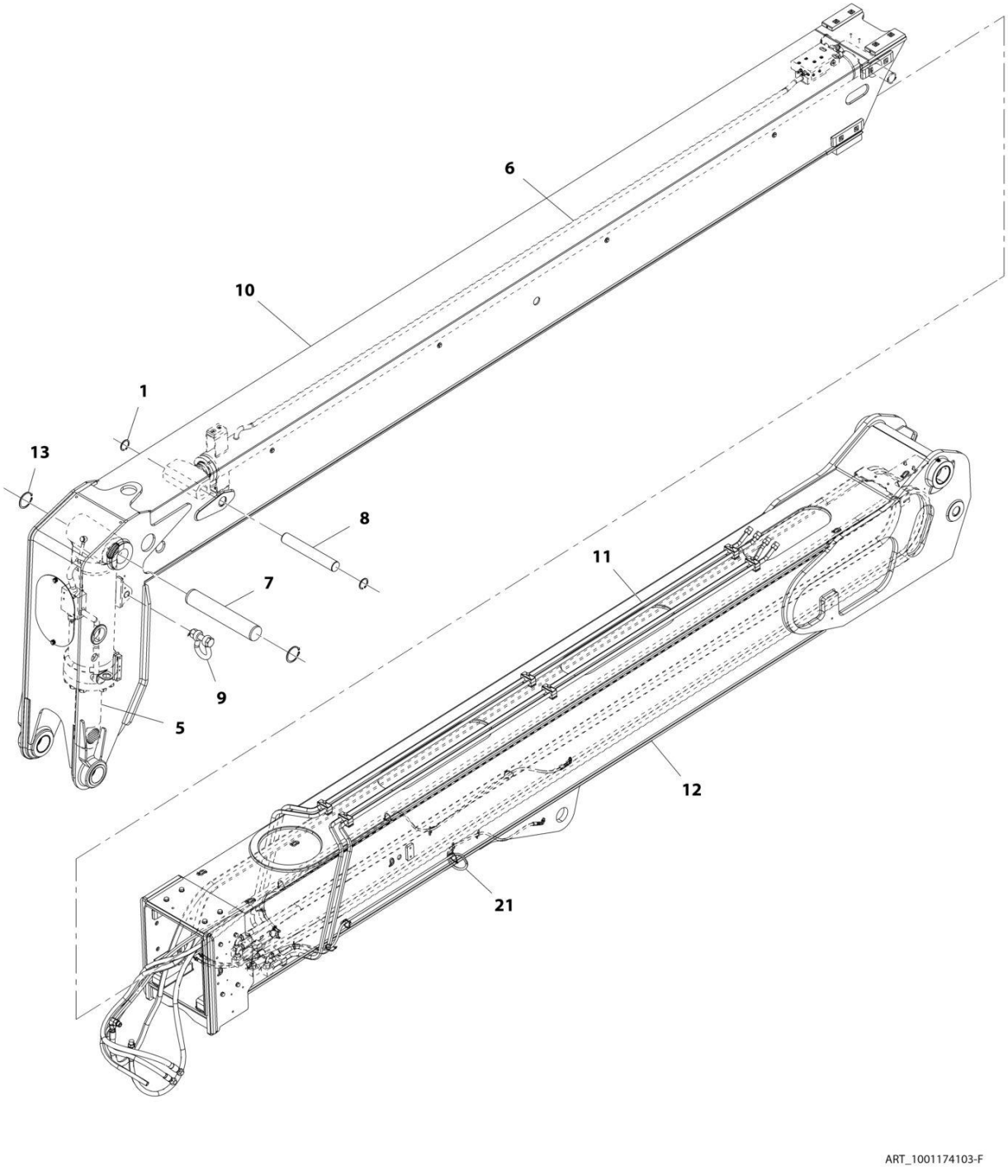
## FIGURE 2-1. BOOM INSTALLATION



## FIGURE 2-1. BOOM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192352 | Ref | Boom Installation | D |
| 1 | 0701230 | 1 | Bolt, M12X130 | |
| 2 | 0711635 | 1 | Bolt, M16X180 Grade 10.9 | |
| 3 | 0760810 | 2 | Bolt, M8X20 | |
| 4 | 3291205 | 1 | Nut, Lock M12X1.75 Grade 8 | |
| 5 | 3291605 | 1 | Nut, Lock M16X2 Grade 8 | |
| 6 | 4811900 | 2 | Washer, M8 | |
| 7 | 4812100 | 2 | Washer, M12 | |
| 8 | 4812300 | 2 | Washer, M16 | |
| 9 | 1001174103 | 1 | Assembly, Boom Section (See Separate Breakdown in this Section) | |
| 10 | 1001190254 | 1 | Pin | |
| 12 | 1001190256 | 1 | Pin | |
| 13 | 1001190257 | 1 | Plate | |
| 15 | 1001190260 | 1 | Pin | |
| 16 | 1001219953 | 4 | Shim | |
| 17 | 4032010 | 4 | Bolt, M10X30 | |
| 18 | 4812000 | 4 | Washer, M10 | |
| 19 | 1001195655 | 2 | Pad, M44X50X160 | |
| 20 | 1001219905 | AR | Shim | |

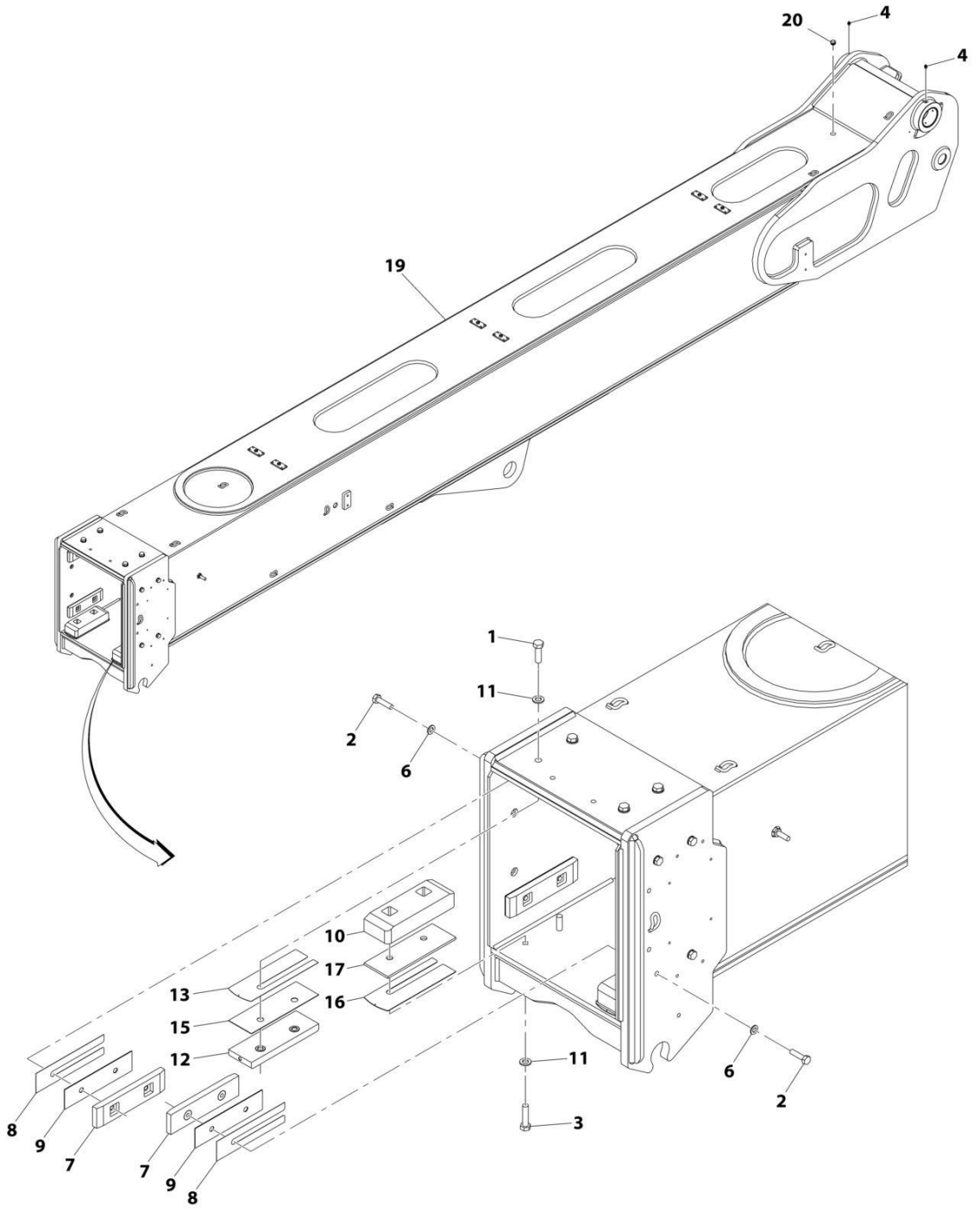
## FIGURE 2-2. BOOM ASSEMBLY



## FIGURE 2-2. BOOM ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174103 | Ref | Boom Assembly | F |
| 1 | 314689 | 2 | Ring, Retaining M50 | |
| 5 | 1001174812 | 1 | Cylinder, Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 6 | 1001178157 | 1 | Cylinder Installation - Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 7 | 1001203989 | 1 | Pin | |
| 8 | 1001190253 | 1 | Pin | |
| 9 | 1001191110 | 1 | Shackle, M25 | |
| 10 | 1001191752 | 1 | Assembly, Boom Section (See Separate Breakdown in this Section) | |
| 11 | 1001193100 | 1 | Installation, Boom Hydraulic Tubes (See Separate Breakdown in HYDRAULIC CIRCUITS Section) | |
| 12 | 1001195636 | 1 | Assembly, First Boom Section (See Separate Breakdown in this Section) | |
| 13 | 1001197262 | 2 | Ring, Retaining | |
| 21 | 1001217352 | 1 | Installation, Boom Remote Grease (See Separate Breakdown in HYDRAULIC CIRCUITS Section) | |

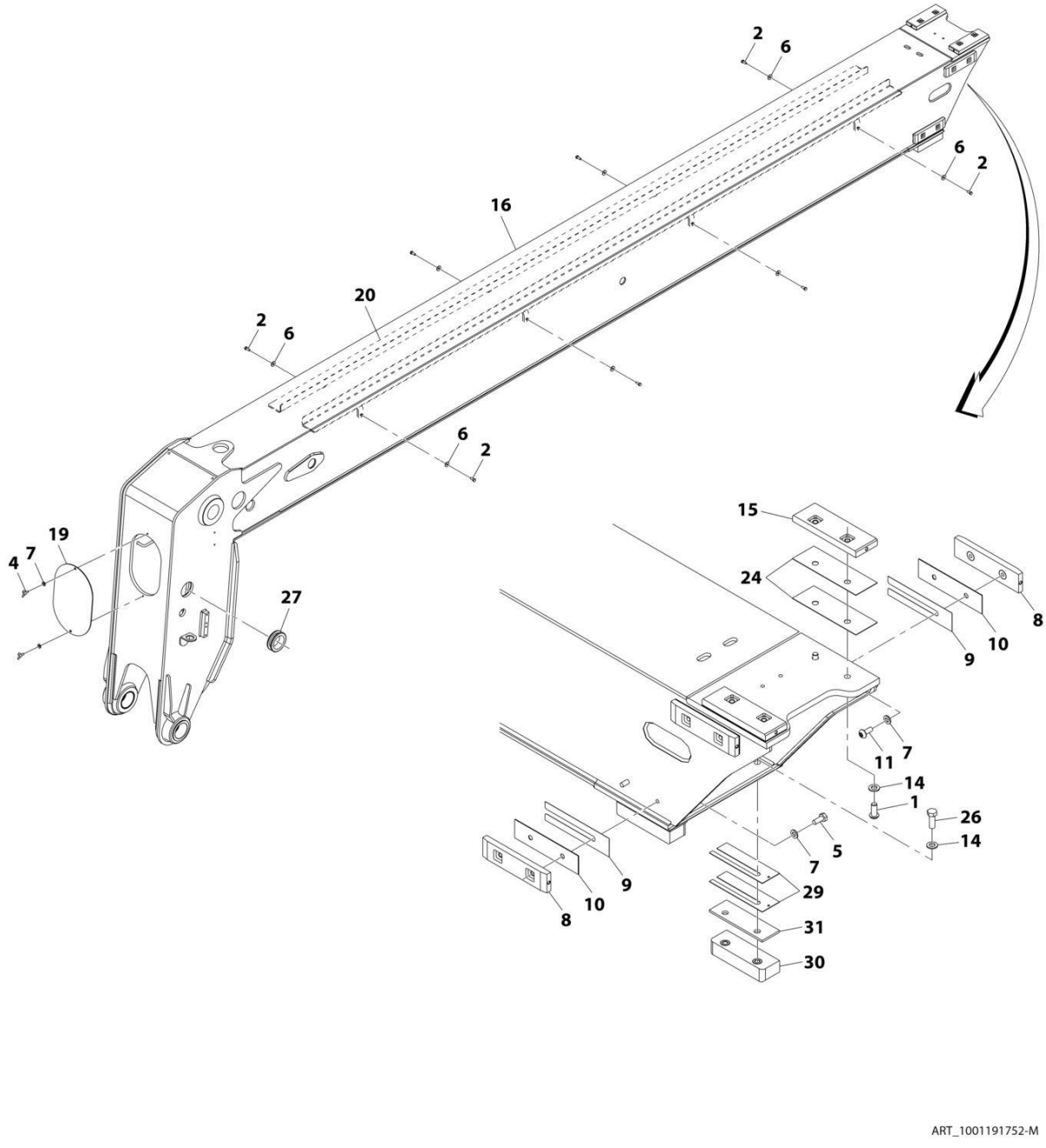
## FIGURE 2-3. FIRST BOOM SECTION ASSEMBLY



## FIGURE 2-3. FIRST BOOM SECTION ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195636 | Ref | First Boom Section Assembly | H |
| 1 | 0711216 | 4 | Bolt, M12X40 Grade 10.9 | |
| 2 | 0711016 | 8 | Bolt, M10X40 Grade 10.9 | |
| 3 | 0711218 | 4 | Bolt, M12X50 Grade 10.9 | |
| 4 | 2160016 | 2 | Fitting, Grease | |
| 6 | 4812000 | AR | Washer, M10 | |
| 7 | 8002200 | 4 | Pad | |
| 8 | 8008640 | AR | Shim | |
| 9 | 1001003031 | 4 | Shim | |
| 10 | 1001227337 | 2 | Pad | |
| 11 | 1001125117 | AR | Washer, M12 | |
| 12 | 1001227334 | 2 | Pad | |
| 13 | 1001195194 | AR | Shim | |
| 15 | 1001195737 | 2 | Shim | |
| 16 | 1001195738 | AR | Shim | |
| 17 | 1001195739 | 2 | Shim | |
| 19 | 1001195637J | 1 | Boom | |
| 20 | 3520193 | 1 | Plug | |

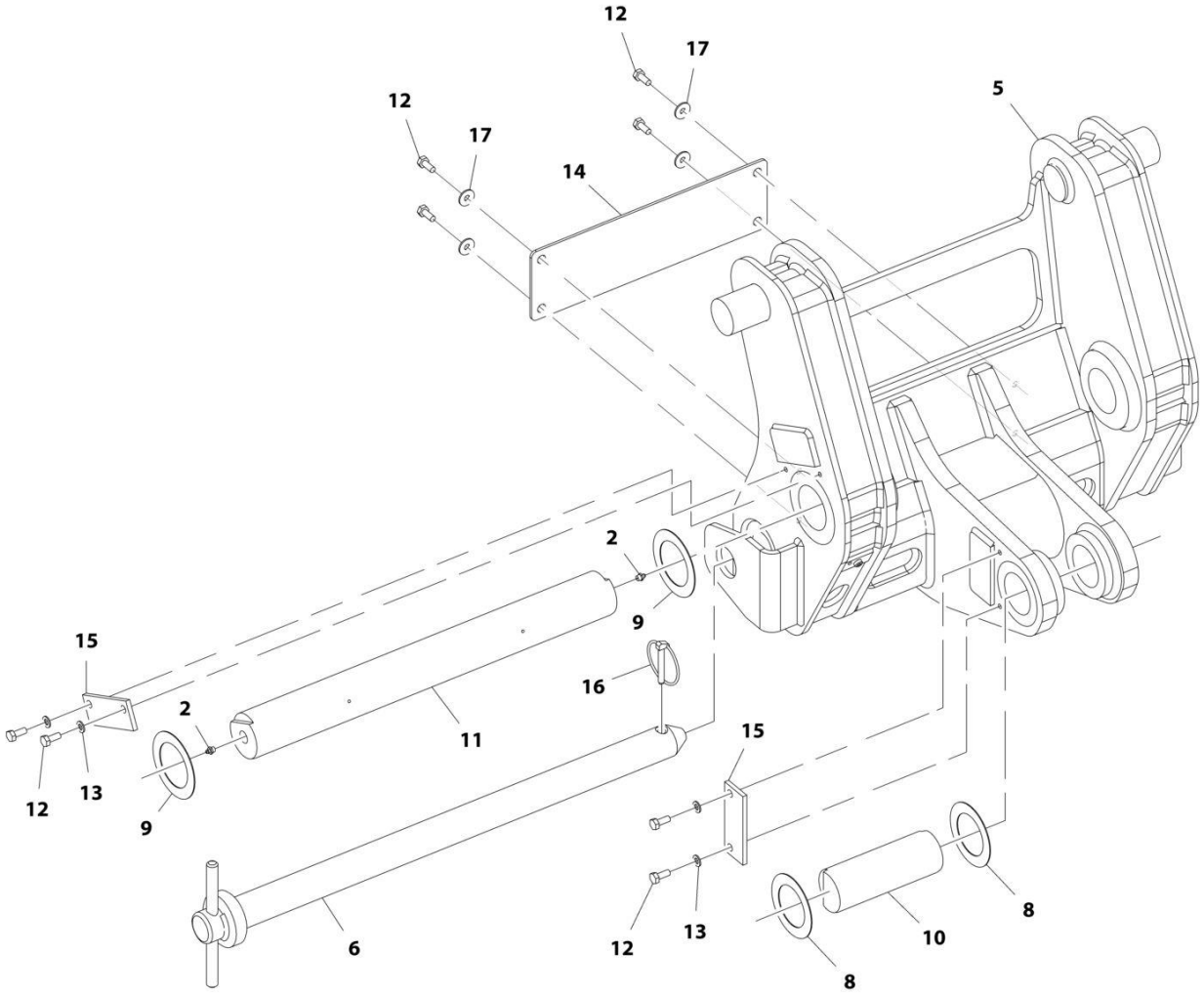
## FIGURE 2-4. SECOND BOOM SECTION ASSEMBLY



## FIGURE 2-4. SECOND BOOM SECTION ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191752 | Ref | Second Boom Section Assembly | M |
| 1 | 1001229056 | 1 | Screw, M12X30 | |
| 2 | 0760810 | 8 | Bolt, M8X20 | |
| 4 | 1001250708 | 2 | Bolt, M8X20 | |
| 5 | 0771012 | 4 | Bolt, M10X25 Grade 10.9 | |
| 6 | 4811902 | 8 | Washer, M8 | |
| 7 | 4812000 | AR | Washer, M10 | |
| 8 | 8002200 | 4 | Pad | |
| 9 | 8008640 | AR | Shim | |
| 10 | 1001003031 | 4 | Shim | |
| 11 | 1001009325 | 4 | Screw | |
| 14 | 1001125117 | AR | Washer, M12 | |
| 15 | 1001227334 | 2 | Pad | |
| 16 | 1001191753 | 1 | Boom | |
| 19 | 1001191789 | 1 | Plate | |
| 20 | 1001203987 | 2 | Bracket | |
| 24 | 1001195737 | 4 | Shim | |
| 26 | 0711215 | 4 | Bolt, M12X35 Grade 10.9 | |
| 27 | 1001028415 | 1 | Grommet | |
| 29 | 1001163104 | AR | Plate | |
| 30 | 1001165175 | 2 | Pad | |
| 31 | 1001215464 | 2 | Shim | |

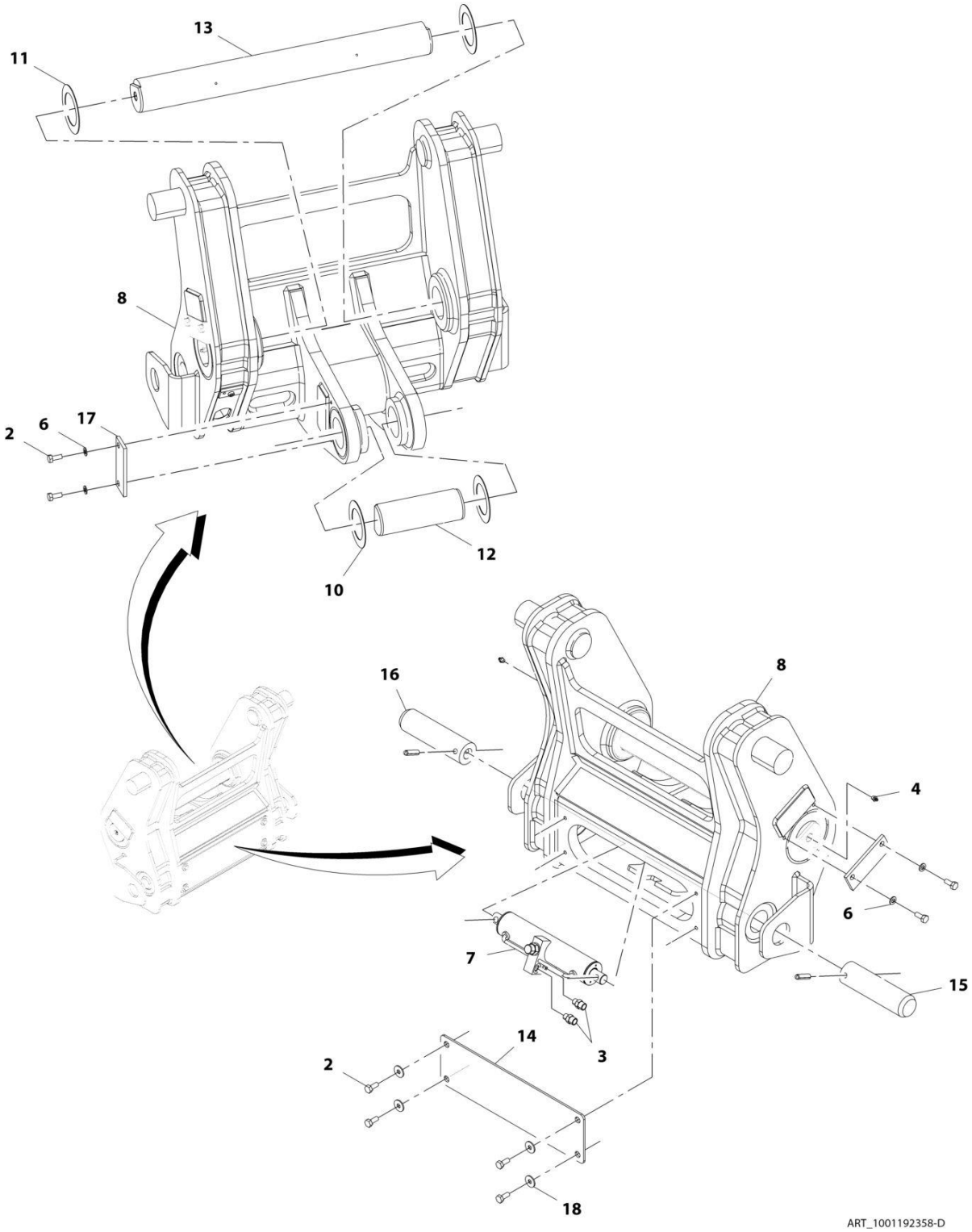
## FIGURE 2-5. COUPLER INSTALLATION (MANUAL)



## FIGURE 2-5. COUPLER INSTALLATION (MANUAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174104 | Ref | Coupler Installation (Manual) | G |
| 2 | 2160016 | 2 | Fitting, Grease | |
| 5 | 1001187820 | 1 | Coupling, Manual | |
| 6 | 1001187821 | 1 | Pin | |
| 8 | 1001187847 | AR | Shim | |
| 9 | 1001187848 | AR | Shim | |
| 10 | 1001190250 | 1 | Pin, Tilt | |
| 11 | 1001190264 | 1 | Pin | |
| 12 | 0761012 | 8 | Bolt, M10X25 | |
| 13 | 4812000 | 4 | Washer, M10 | |
| 14 | 1001200393 | 1 | Plate, Front Cover | |
| 15 | 1001210326 | 2 | Plate | |
| 16 | 1001003803 | 1 | Pin | |
| 17 | 4812002 | 4 | Washer, M10 | |

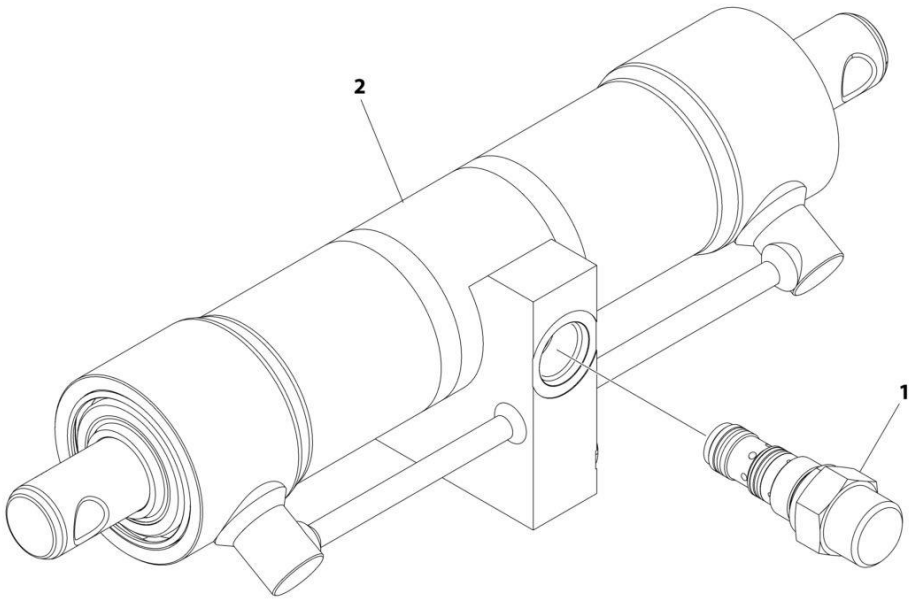
## FIGURE 2-6. COUPLER INSTALLATION (HYDRAULIC)



## FIGURE 2-6. COUPLER INSTALLATION (HYDRAULIC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192358 | Ref | Coupler Installation (Hydraulic) | D |
| 2 | 0761012 | 8 | Bolt, M10X25 | |
| 3 | 2110606 | 2 | Fitting, Straight ORFS | |
| 4 | 2160016 | 2 | Fitting, Grease | |
| 6 | 4812000 | 4 | Washer, M10 | |
| 7 | 1001145391 | 1 | Assembly, Coupler Locking Cylinder (See Separate Breakdown in this Section) | |
| 8 | 1001187820 | 1 | Carriage | |
| 10 | 1001187847 | AR | Shim, M76X115X1.5 | |
| 11 | 1001187848 | AR | Shim, M81X120X1.5 | |
| 12 | 1001190250 | 1 | Pin, Tilt | |
| 13 | 1001190264 | 1 | Pin, Coupler | |
| 14 | 1001200393 | 1 | Plate, Front Cover | |
| 15 | 1001200395 | 2 | Pin | |
| 16 | 1001184610 | 2 | Pin | |
| 17 | 1001210326 | 2 | Plate, Pin Retention | |
| 18 | 4812002 | 4 | Washer, M10 | |

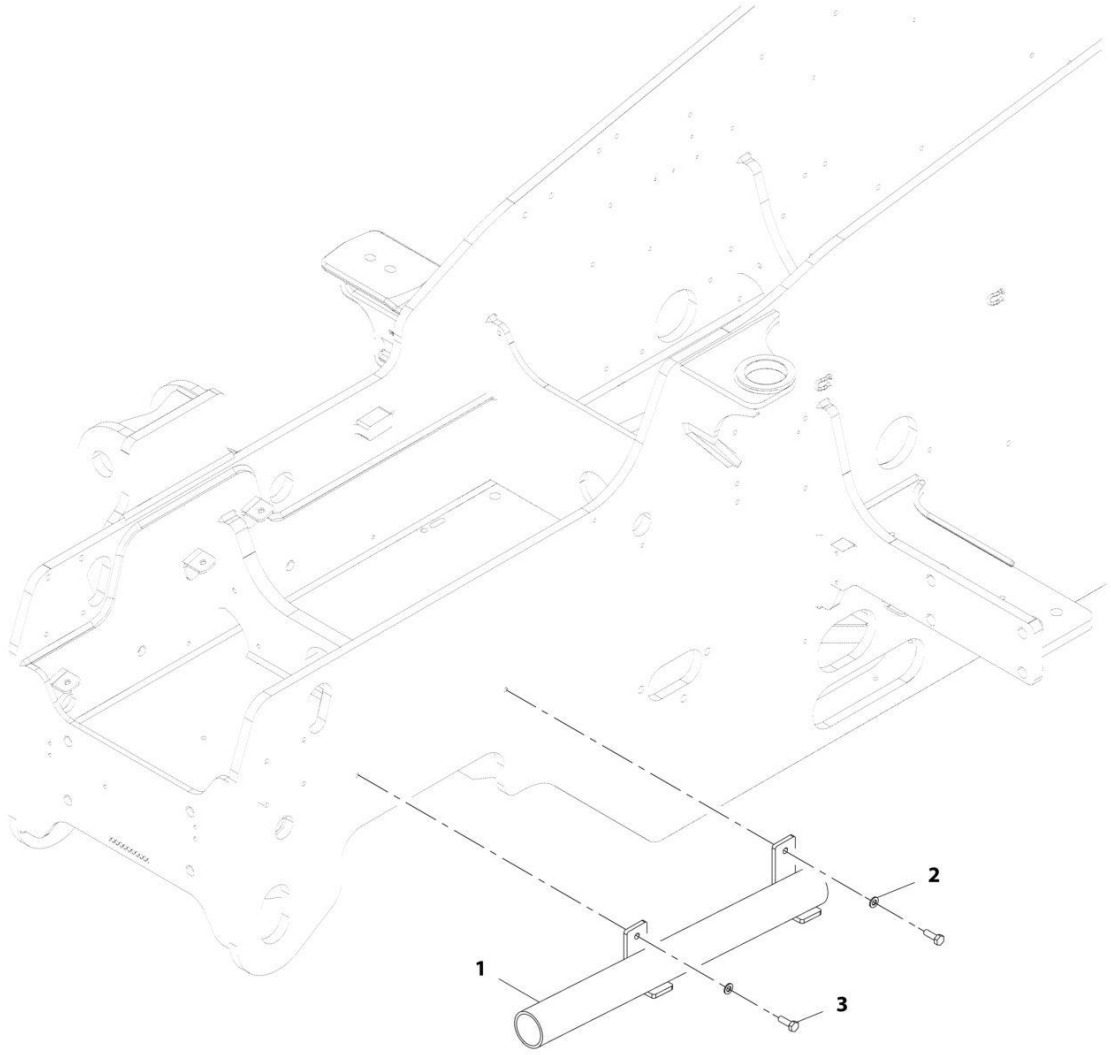
## FIGURE 2-7. FRAME LEVEL CYLINDER INSTALLATION



## FIGURE 2-7. FRAME LEVEL CYLINDER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145391 | Ref | FRAME LEVEL CYLINDER INSTALLATION | B |
| 1 | 1001007056 | 1 | Valve, Check | |
| 2 | 1001267977 | 1 | Cylinder, Coupler Locking (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

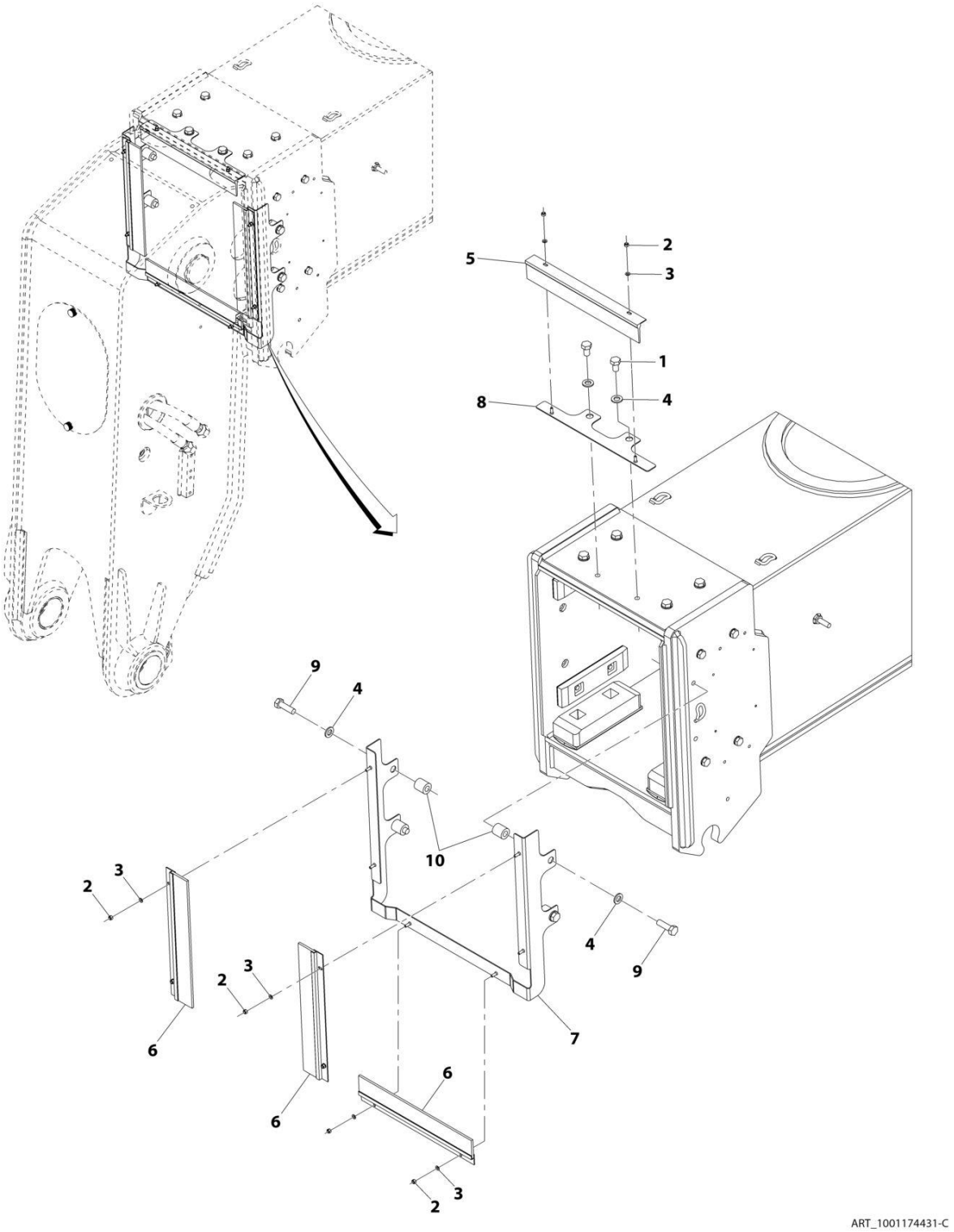
## FIGURE 2-8. MANUAL COUPLER PIN HOLDER INSTALLATION



## FIGURE 2-8. MANUAL COUPLER PIN HOLDER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220641 | Ref | Manual Coupler Pin Holder Installation | A |
| 1 | 1001220248 | 1 | Bracket, Pin Holder | |
| 2 | 4812000 | 2 | Washer, M10 | |
| 3 | 0701014 | 2 | Bolt, M10X30 | |

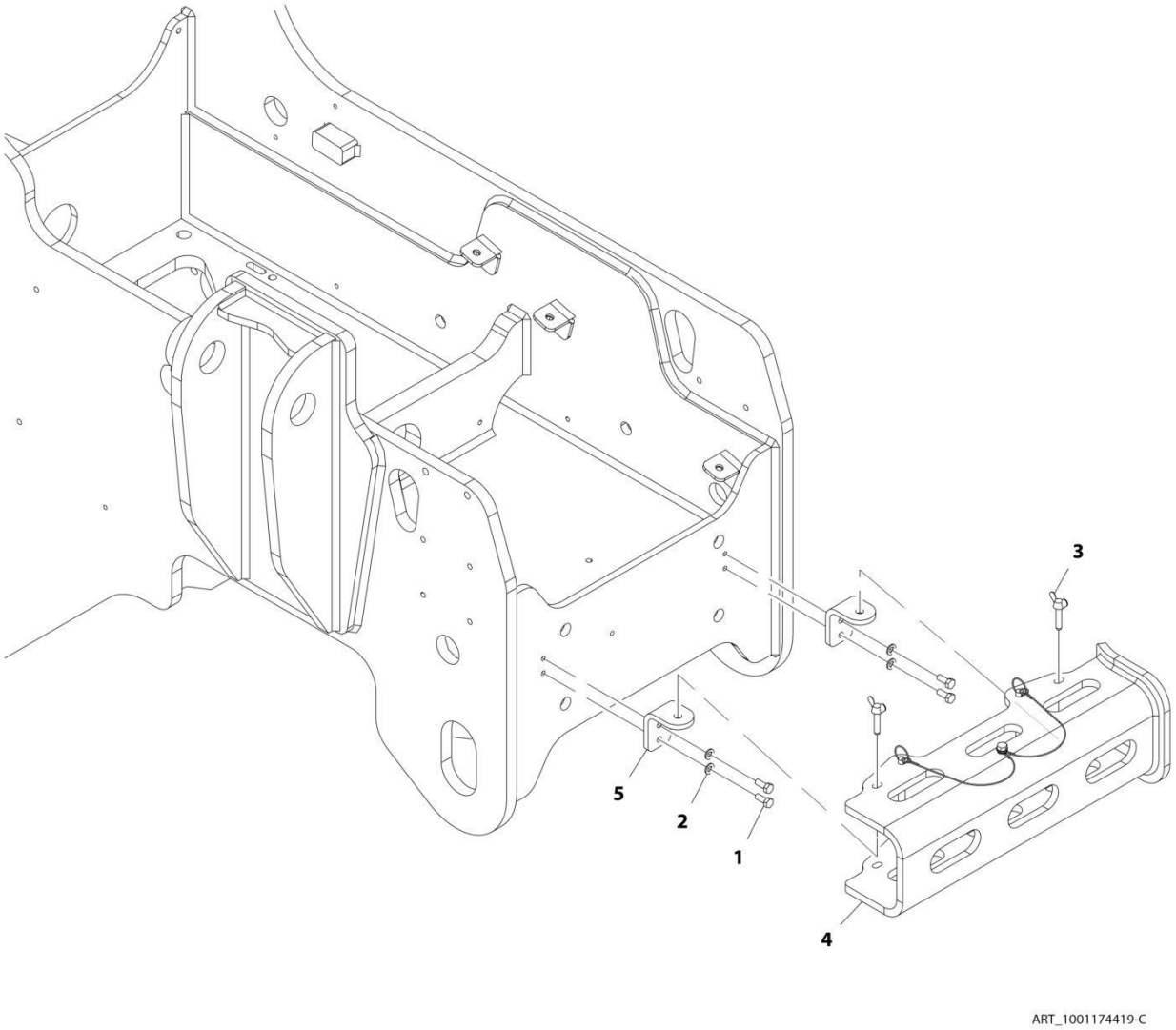
## FIGURE 2-9. BOOM BRUSHES INSTALLATION



## FIGURE 2-9. BOOM BRUSHES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174431 | Ref | Boom Brushes Installation | C |
| 1 | 0761210 | 2 | Bolt, M12X20 | |
| 2 | 3290505 | 8 | Nut, Lock M5X0.8 Grade 8 | |
| 3 | 4811600 | 8 | Washer, M5 | |
| 4 | 1001125117 | 6 | Washer, M12 | |
| 5 | 1001172999 | 1 | Brush | |
| 6 | 1001173679 | 3 | Brush | |
| 7 | 1001196878 | 1 | Bracket | |
| 8 | 1001196879 | 1 | Bracket | |
| 9 | 0701216 | 4 | Bolt, M12X40 | |
| 10 | 1001220286 | 4 | Tube | |

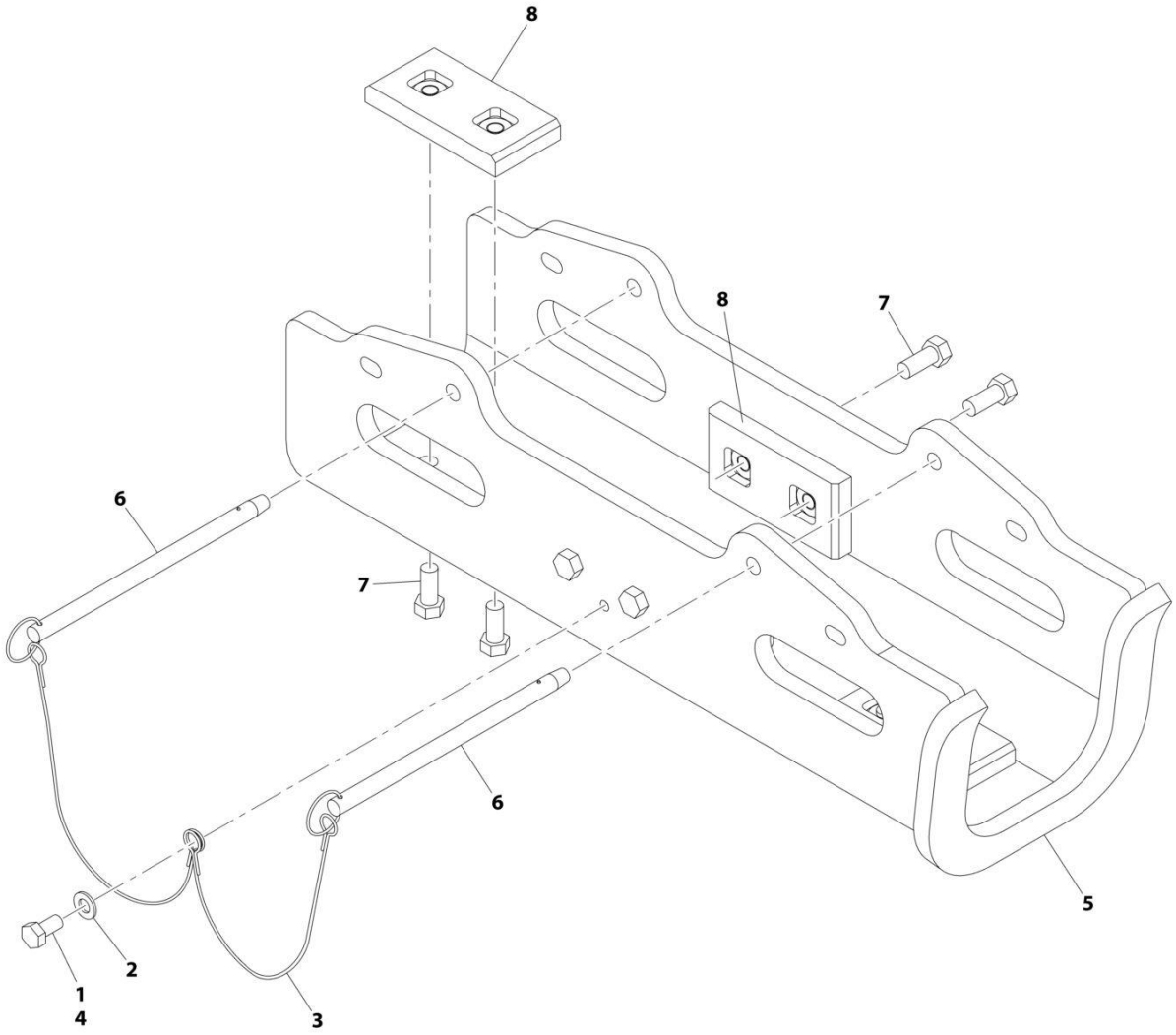
**FIGURE 2-10. BOOM PROP INSTALLATION**



## FIGURE 2-10. BOOM PROP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174419 | Ref | Boom Prop Installation | C |
| 1 | 0760810 | 4 | Bolt, M8X20 | |
| 2 | 4811900 | 4 | Washer, M8 | |
| 3 | 1001228860 | 2 | Bolt, Wing M8X30 | |
| 4 | 1001191035 | 1 | Bracket, Boom Prop (See Separate Breakdown in this Section) | |
| 5 | 1001193887 | 2 | Bracket | |

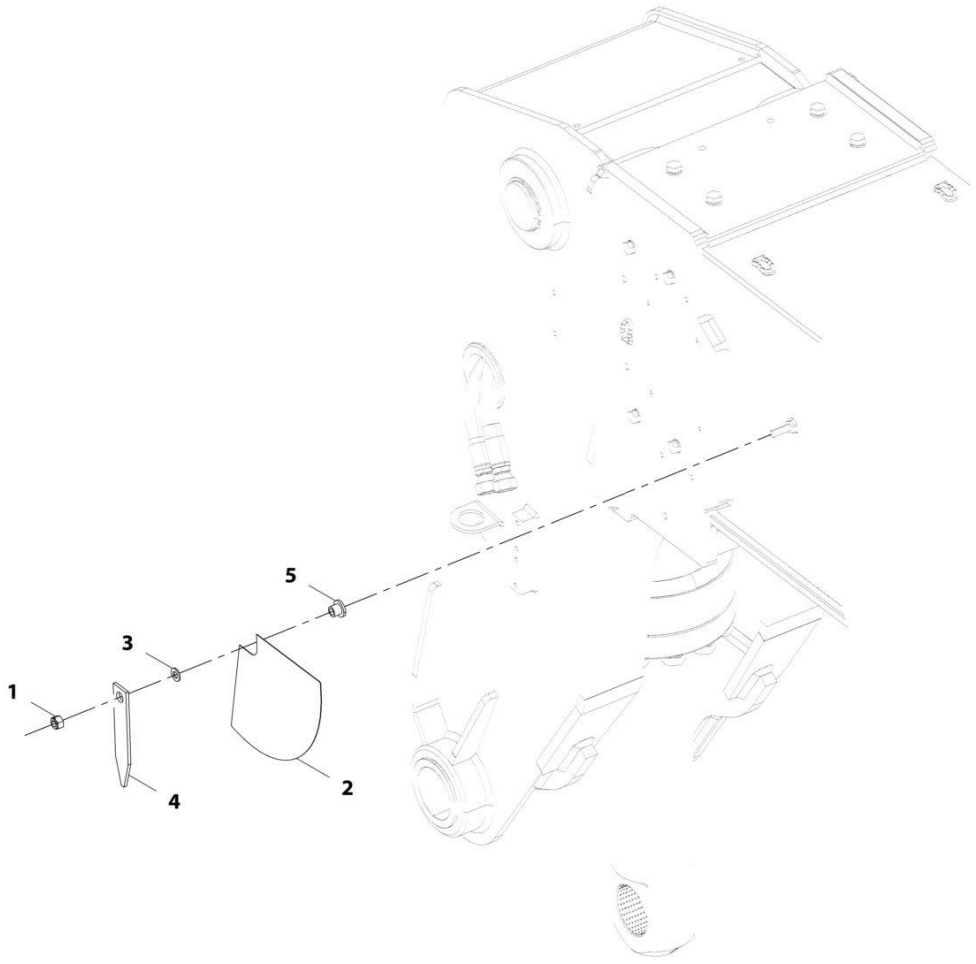
## FIGURE 2-11. BOOM PROP BRACKET ASSEMBLY



## FIGURE 2-11. BOOM PROP BRACKET ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191035 | Ref | Boom Prop Bracket Assembly | B |
| 1 | 0760808 | 1 | Bolt, M8X16 | |
| 2 | 4811900 | 1 | Washer, M8 | |
| 3 | 1001164183 | 2 | Lanyard, Boom Prop | |
| 4 | 1001095650 | AR | Adhesive, Loctite | |
| 5 | 1001191036 | 1 | Support, Boom Prop | |
| 6 | 1001191039 | 2 | Pin | |
| 7 | 0651607 | 8 | Bolt, 3/8-24 X 7/8 | |
| 8 | 91403530 | 4 | Bearing | |

## FIGURE 2-12. BOOM ANGLE INDICATOR INSTALLATION



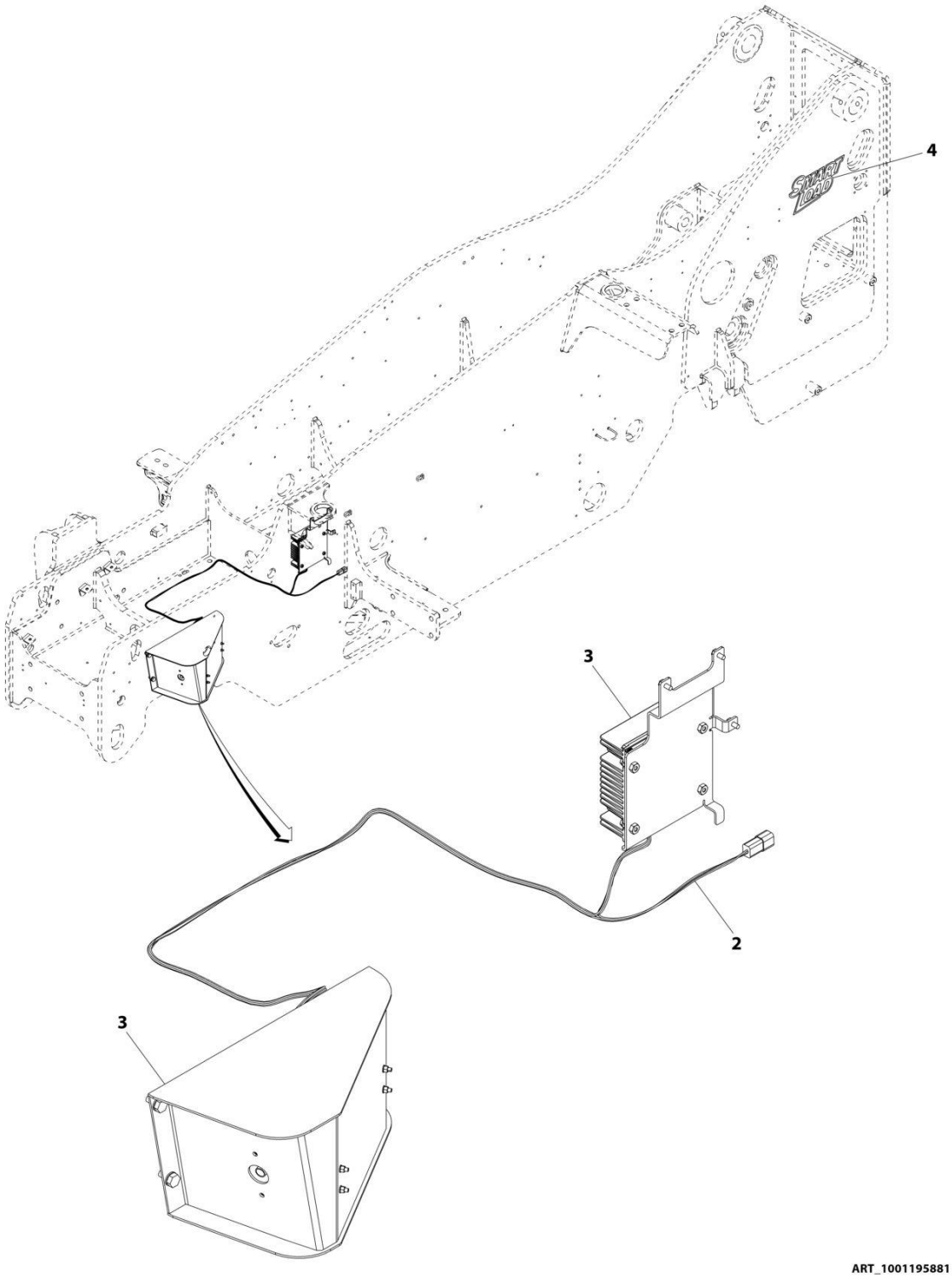

ART_1001192364-A

## FIGURE 2-12. BOOM ANGLE INDICATOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192364 | Ref | Boom Angle Indicator Installation | A |
| 1 | 3291005 | 1 | Nut, Lock M10X1.5 | |
| 2 | 4105262 | 1 | Decal, Boom Angle Indicator | |
| 3 | 4812000 | 1 | Washer, M10 | |
| 4 | 1001098769 | 1 | Plate, Boom Angle Indicator | |
| 5 | 1001171808 | 1 | Spacer | |

# SECTION 3 - ATTACHMENTS

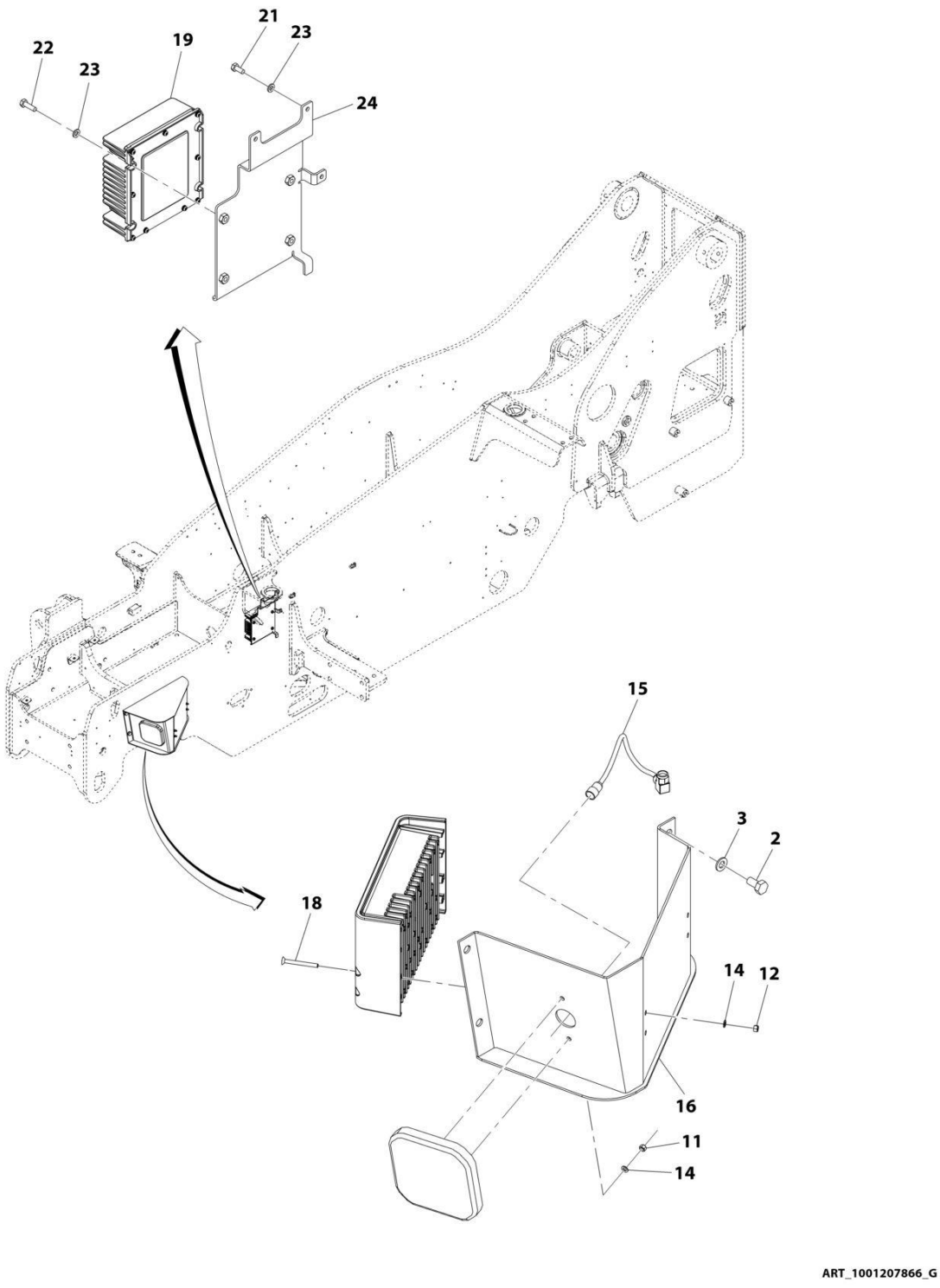
## FIGURE 3-1. ATTACHMENT RECOGNITION INSTALLATION - COMPLETE



## FIGURE 3-1. ATTACHMENT RECOGNITION INSTALLATION - COMPLETE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195881 | Ref | Attachment Recognition Installation | F |
| 2 | 1001249251 | 1 | Cable | |
| 3 | 1001207866 | 1 | Installation, Components Attachment Recognition (See Separate Breakdown in this Section) | |
| 4 | 1001250276 | 2 | Decal, Smart Load | |

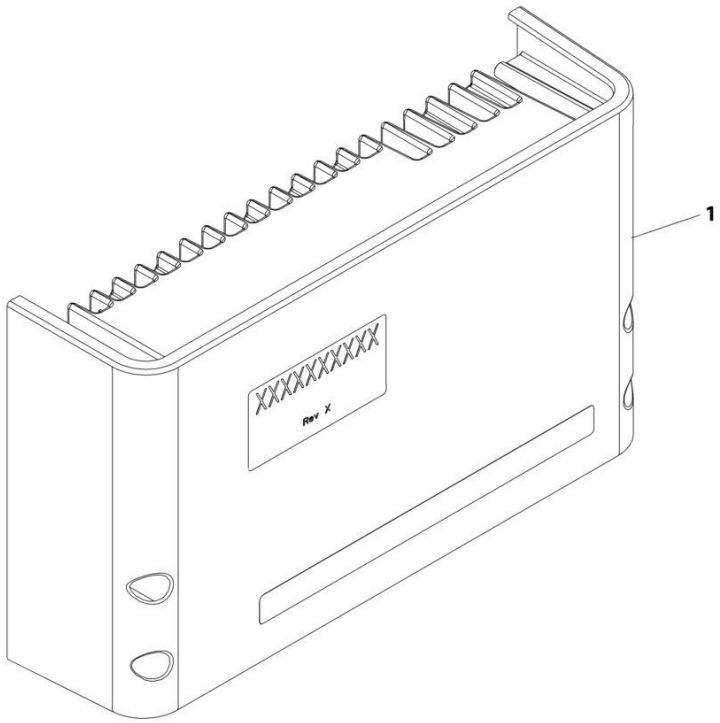
## FIGURE 3-2. ATTACHMENT RECOGNITION INSTALLATION



## FIGURE 3-2. ATTACHMENT RECOGNITION INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207866 | Ref | Components Attachment Recognition Installation | G |
| 2 | 0761010 | 4 | Bolt, M10X20 | |
| 3 | 4812000 | 4 | Washer, M10 | |
| 11 | 3290505 | 2 | Nut, Lock M5X0.8 Grade 8 | |
| 12 | 3290507 | 4 | Nut, Lock M5X0.8 | |
| 14 | 4811600 | 6 | Washer, M5 | |
| 15 | 1001206725 | 1 | Cable | |
| 16 | 1001232988 | 1 | Bracket, Attachment Recognition | |
| 18 | 1001234395 | 4 | Screw, M5X50 | |
| 19 | 1001249078 | 1 | Control, Voltage | |
| 21 | 0760607 | 3 | Bolt, M6X14 | |
| 22 | 0700610 | 4 | Bolt, M6X20 | |
| 23 | 4811700 | 7 | Washer M6 | |
| 24 | 1001249249 | 1 | Bracket, Converter Support | |

## FIGURE 3-3. ATTACHMENT RECOGNITION RECEIVER (FCC)

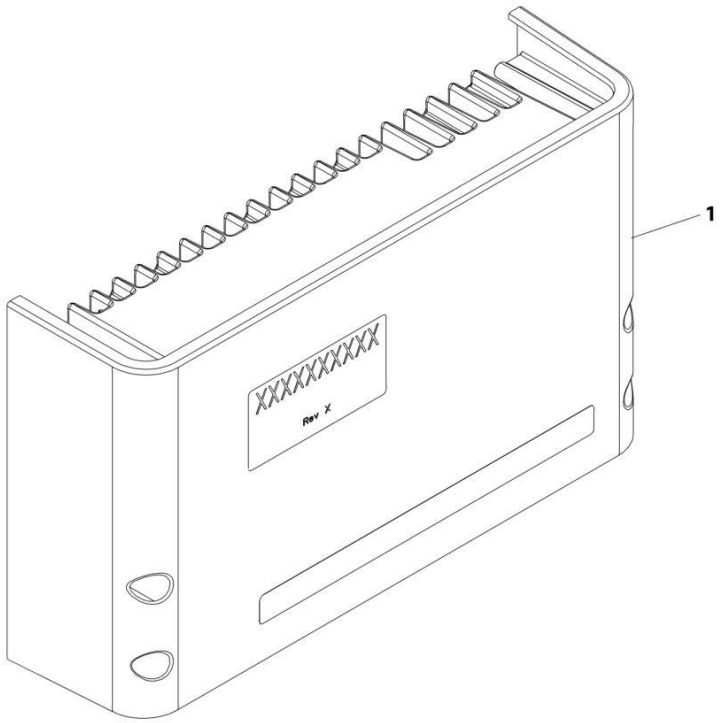



ART_1001250475-B

## FIGURE 3-3. ATTACHMENT RECOGNITION RECEIVER (FCC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001250475 | 1 | ATTACHMENT RECOGNITION RECEIVER (FCC) | B |
| | | Ref | **No Serviceable Parts. Purchase complete assembly** | |

## FIGURE 3-4. ATTACHMENT RECOGNITION RECEIVER (EU)

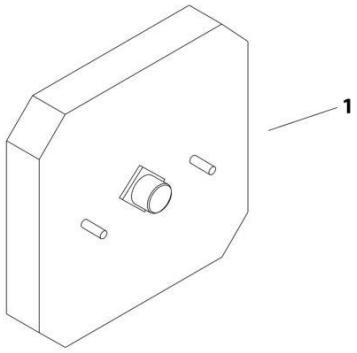



ART_1001250476-B

## FIGURE 3-4. ATTACHMENT RECOGNITION RECEIVER (EU)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001250476 | 1 | ATTACHMENT RECOGNITION RECEIVER (EU) | B |
| | | Ref | **No Serviceable Parts. Purchase complete assembly** | |

## FIGURE 3-5. ATTACHMENT RECOGNITION ANTENNA (FCC)

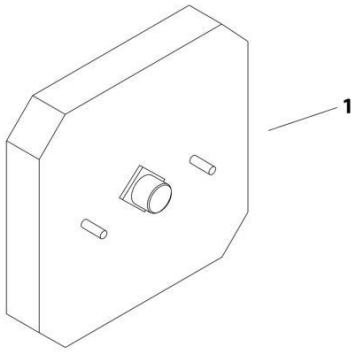



ART_1001202730

## FIGURE 3-5. ATTACHMENT RECOGNITION ANTENNA (FCC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202730 | 1 | ATTACHMENT RECOGNITION ANTENNA (FCC) | |

## FIGURE 3-6. ATTACHMENT RECOGNITION ANTENNA (EU)

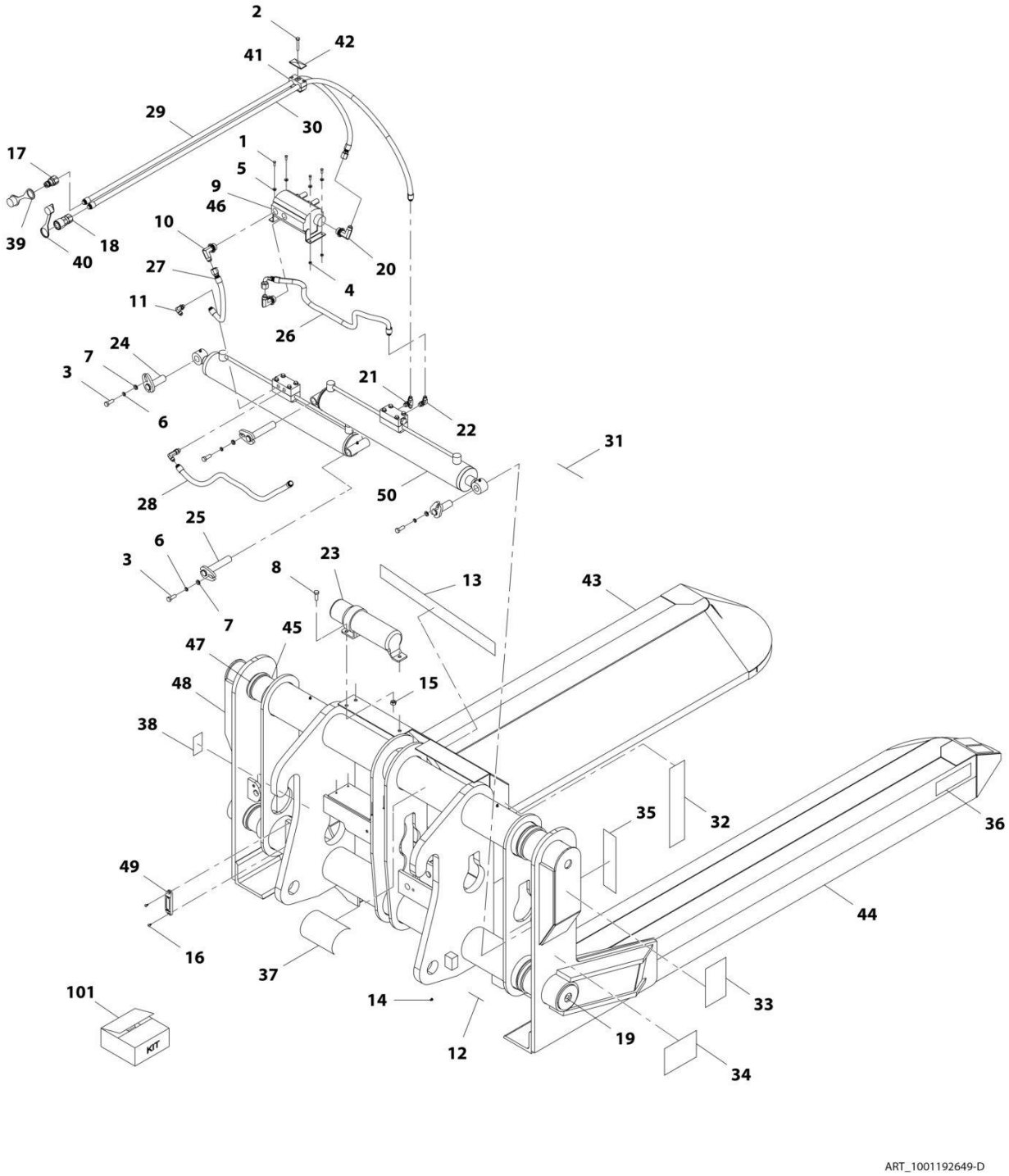



ART_1001237738

## FIGURE 3-6. ATTACHMENT RECOGNITION ANTENNA (EU)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202730 | 1 | ATTACHMENT RECOGNITION ANTENNA (FCC) | |

## FIGURE 3-7. BALE HANDLER (ROUND BALES)



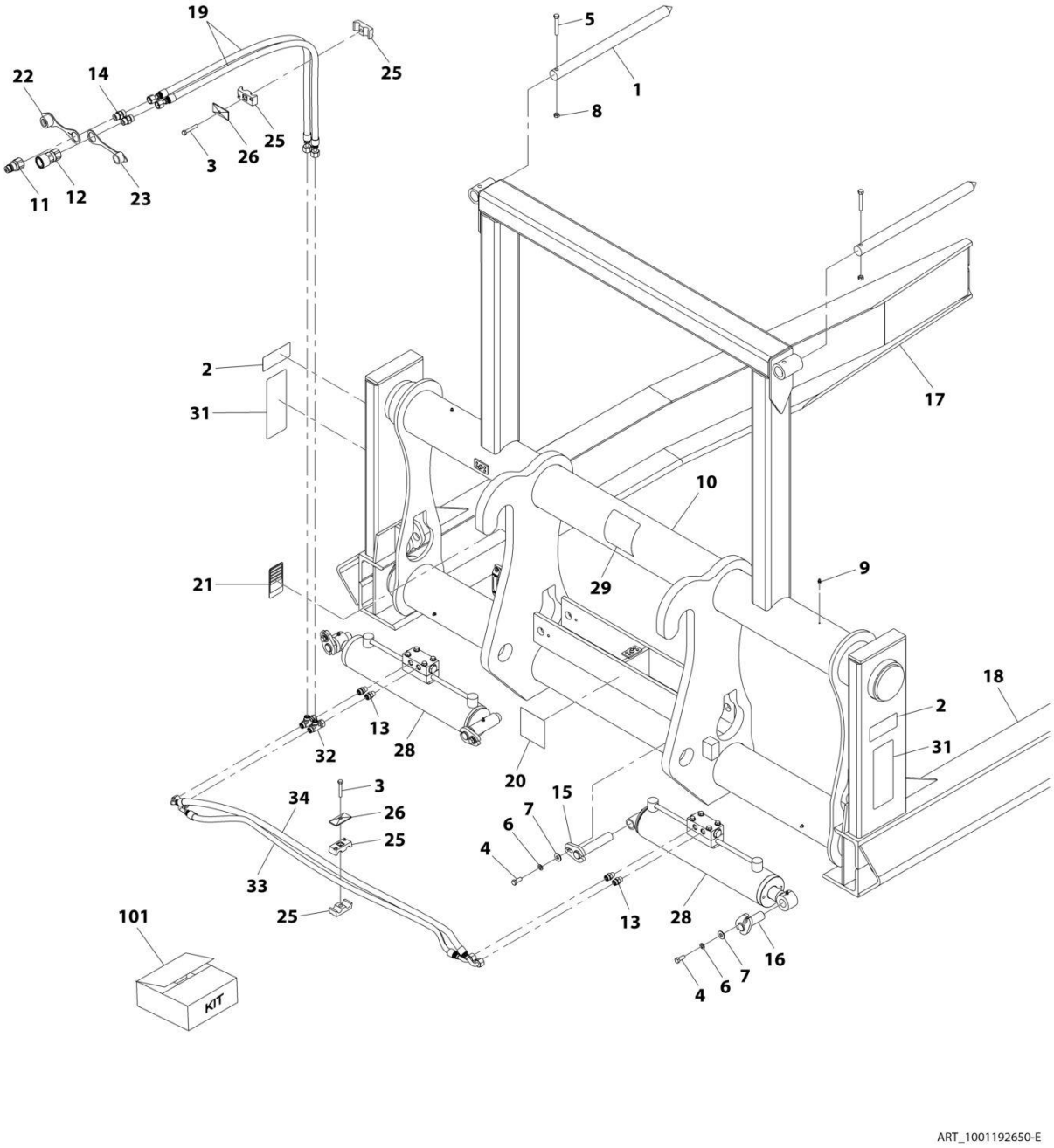
## FIGURE 3-7. BALE HANDLER (ROUND BALES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192649 | Ref | Bale Handler (round) | E |
| 1 | 70027773 | 4 | Bolt | |
| 2 | 70028485 | 1 | Screw | |
| 3 | 70021349 | 4 | Bolt, 3/8X1 | |
| 4 | 90554066 | 4 | Nut | |
| 5 | 90554067 | 4 | Washer, Lock | |
| 6 | 90554042 | 4 | Washer, Lock | |
| 7 | 70021350 | 4 | Washer | |
| 8 | 70028635 | 3 | Bolt | |
| 9 | 70028636 | 1 | Plug w/O-Ring | |
| 10 | 70028637 | 2 | Fitting, 90 | |
| 11 | 90554065 | 1 | Fitting, 90 | |
| 12 | 7029712 | 4 | Decal, Grease | |
| 13 | 70028638 | 1 | Decal, Stand Clear Warning | |
| 14 | 90554045 | 4 | Fitting, Grease | |
| 15 | 70028615 | 3 | Nut | |
| 16 | 70028554 | 2 | Screw | |
| 17 | 1001101041 | 1 | Adapter, Male Quick Disconnect | |
| 18 | 70028616 | 1 | Fitting, Straight | |
| 19 | 70028617 | 4 | Plug | |
| 20 | 70028618 | 1 | Fitting, 90 | |
| 21 | 70028619 | 1 | Fitting, Tee | |
| 22 | 70028620 | 1 | Fitting, 90 | |
| 23 | 1001101042 | 1 | Adapter, Female Quick Disconnect | |
| 24 | 70028489 | 2 | Pin | |
| 25 | 70028490 | 2 | Pin | |
| 26 | 70028621 | 1 | Hose | |
| 27 | 70028622 | 1 | Hose | |
| 28 | 70028623 | 1 | Hose | |
| 29 | 70028624 | 1 | Hose | |
| 30 | 7029709 | 1 | Hose | |
| 31 | 7029711 | 1 | Decal, High Pressure Warning | |
| 32 | 70028625 | 2 | Decal, Pinch Point | |
| 33 | 70028626 | 1 | Decal, Transport Warning | |
| 34 | 70028627 | 1 | Decal, Safety Warning | |
| 35 | 70028628 | 6 | Decal, Red Reflexite | |
| 36 | 70028629 | 6 | Decal, Amber Reflexite | |
| 37 | 70028630 | 1 | Decal, Module Staging | |
| 38 | N.S.S. | 1 | Plate, Serial Number | |
| 39 | 8420053 | 1 | Cap, Dust | |
| 40 | 8420055 | 1 | Cap, Dust | |
| 41 | 70028495 | 1 | Clamp | |
| 42 | 70028496 | 1 | Plate, Clamp | |
| 43 | N.S.S. | 1 | Arm, RH | |
| 44 | N.S.S. | 1 | Arm, LH | |
| 45 | 70028631 | 4 | Wrap | |
| 46 | 70028632 | 1 | Valve, Flow Divider | |
| 47 | 70028633 | 8 | Clamp | |
| 48 | N.S.S. | 1 | Weldment | |
| 49 | 1001227670 | 1 | Tag, RFID | |

# SECTION 3 - ATTACHMENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 70028634 | 2 | Assembly, Cylinder | |
| 101 | Kit | 1 | Kit, Seal | |

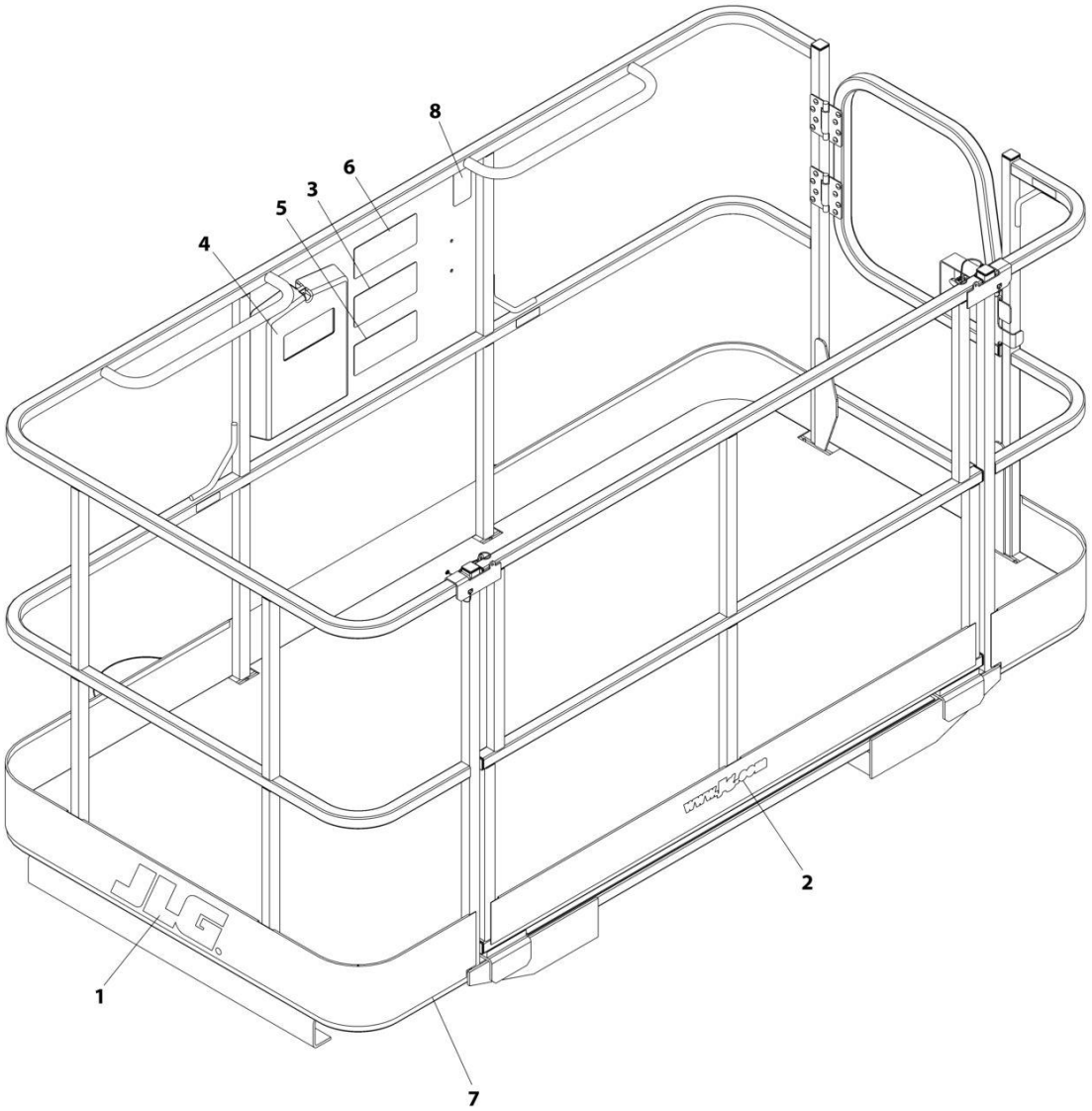
## FIGURE 3-8. BALE HANDLER (SQUARE BALES)



## FIGURE 3-8. BALE HANDLER (SQUARE BALES)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192650 | Ref | Bale Handler (square) | F |
| 1 | 70028499 | 2 | Spear | |
| 2 | 70028500 | 2 | Decal, Pinch Point | |
| 3 | 70028485 | 2 | Screw | |
| 4 | 70021349 | 4 | Bolt, 3/8X1 | |
| 5 | 70021422 | 2 | Screw | |
| 6 | 90554042 | 4 | Washer, Lock 3/8 | |
| 7 | 70021350 | 4 | Washer, Flat | |
| 8 | 70021367 | 2 | Nut, Lock 3/8 | |
| 9 | 90554045 | 4 | Fitting, Grease | |
| 10 | N.S.S. | 1 | Weldment, Main Frame | |
| 11 | 1001101041 | 1 | Coupler, Male Hydraulic | |
| 12 | 1001101042 | 1 | Coupler, Female Hydraulic | |
| 13 | 70028486 | 4 | Fitting | |
| 14 | 70028488 | 2 | Fitting | |
| 15 | 70028489 | 2 | Pin | |
| 16 | 70028490 | 2 | Pin | |
| 17 | N.S.S. | 1 | Weldment, Left Bale Arm | |
| 18 | N.S.S. | 1 | Weldment, Right Bale Arm | |
| 19 | 70028491 | 2 | Hose | |
| 20 | 7029711 | 1 | Decal, High Pressure Warning | |
| 21 | N.S.S. | 1 | Plate, Serial Number | |
| 22 | 8420053 | 1 | Cap, Dust | |
| 23 | 8420055 | 1 | Cap, Dust | |
| 25 | 70028495 | 2 | Clamp | |
| 26 | 70028496 | 2 | Plate, Clamp | |
| 28 | 70028497 | 2 | Assembly, Cylinder | |
| 29 | 70028498 | 1 | Decal, Read Manual | |
| 31 | 70028501 | 2 | Decal, Falling Load | |
| 32 | 70028487 | 2 | Fitting, Tee | |
| 33 | 70028492 | 1 | Hose | |
| 34 | 70028493 | 1 | Hose | |
| 101 | 70028494 | 1 | Kit, Seal | |

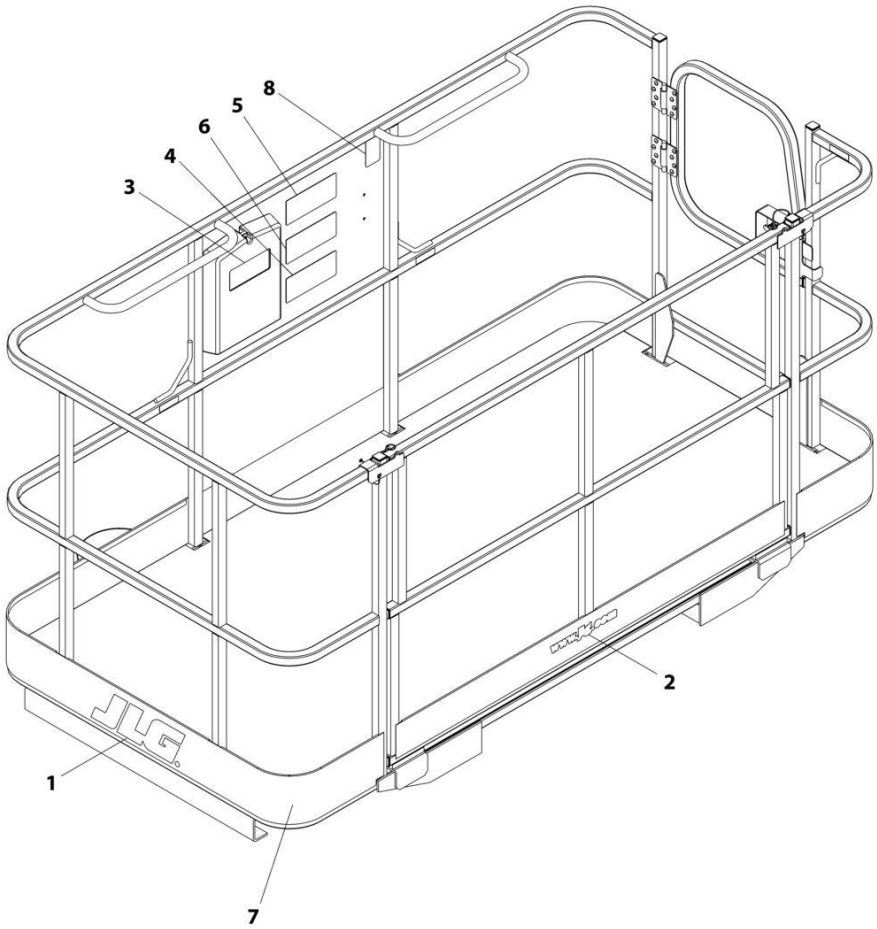
## FIGURE 3-9. BASKET, PERSONNEL (1.2MX2.4M) (DOMESTIC)



## FIGURE 3-9. BASKET, PERSONNEL (1.2MX2.4M) (DOMESTIC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238653 | Ref | FORK MOUNTED PLATFORM | B |
| 1 | 1702773 | 2 | Decal, JLG | |
| 2 | 1704885 | 1 | Decal, Website | |
| 3 | 1706892 | 1 | Decal, Platform Warning | |
| 4 | 31200160 | 1 | Manual, Personnel Work Platform Operation and Safety | |
| 5 | 1001092481 | 1 | Decal, Warning Attachment | |
| 6 | 1001092482 | 1 | Decal, Platform Capacity | |
| 7 | 1001238565 | 1 | Platform, Fork Mounted (See Separate Breakdown in this Section) | |
| 8 | See Note | NSS | SN Plate (Note: Stamped Part - Not Available for Purchase) | |

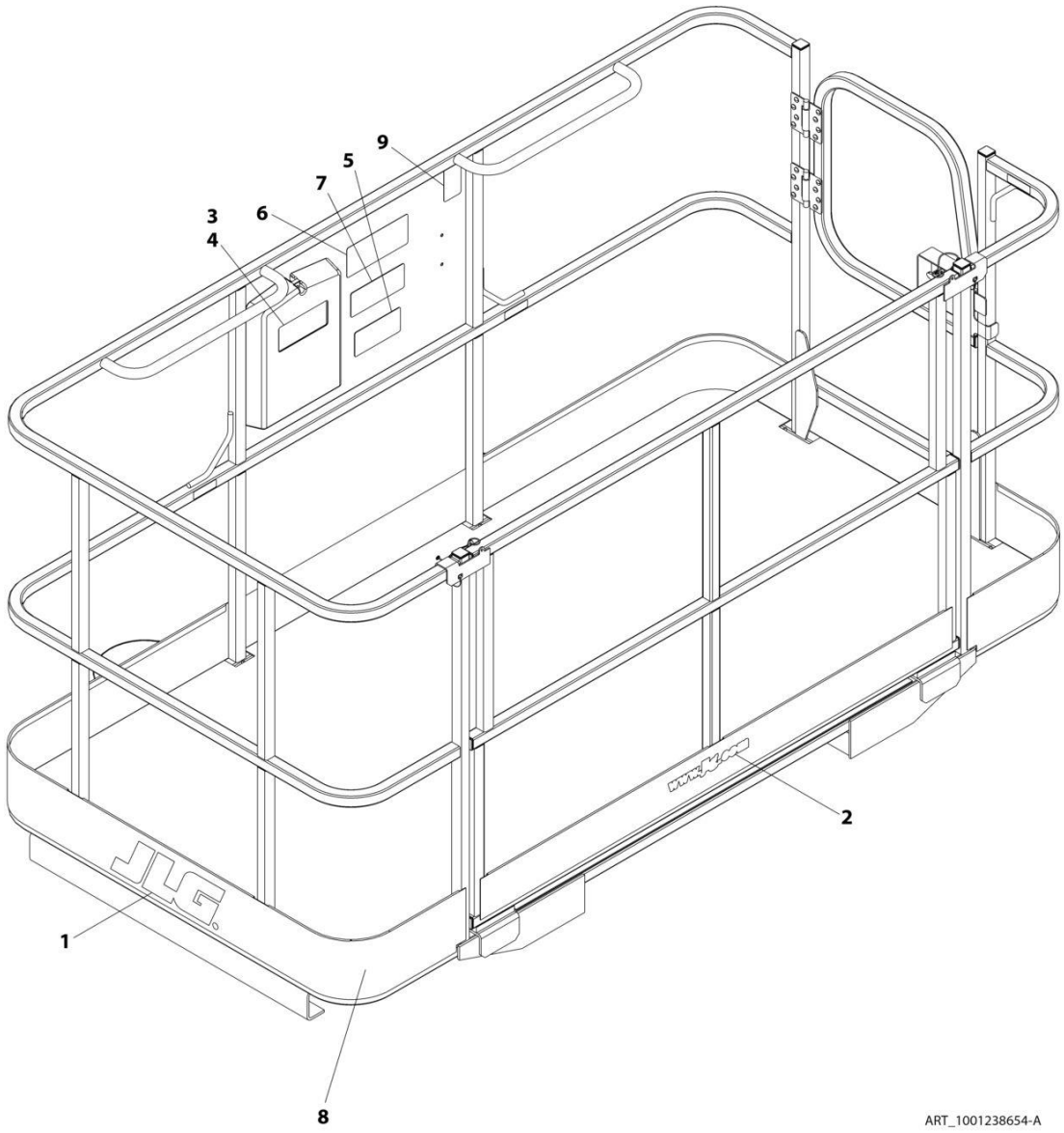
## FIGURE 3-10. BASKET, PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE)



## FIGURE 3-10. BASKET, PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238655 | Ref | BASKET, PERSONNEL | B |
| 1 | 1702773 | 2 | Decal, JLG | |
| 2 | 1704885 | 1 | Decal, Website | |
| 3 | 31200386 | 1 | Manual, Operation and Safety (French) | |
| 4 | 1001096019 | 1 | Decal, Warning Attachment (French) | |
| 5 | 1001096020 | 1 | Decal, Platform Capacity (French) | |
| 6 | 1001096024 | 1 | Decal, Platform Warning (French) | |
| 7 | 1001238565 | 1 | Platform, Fork Mounted (ANSI) (See Separate Breakdown in this Section) | |
| 8 | See Note | NSS | SN Plate (Note: Stamped Part - Not Available for Purchase) | |

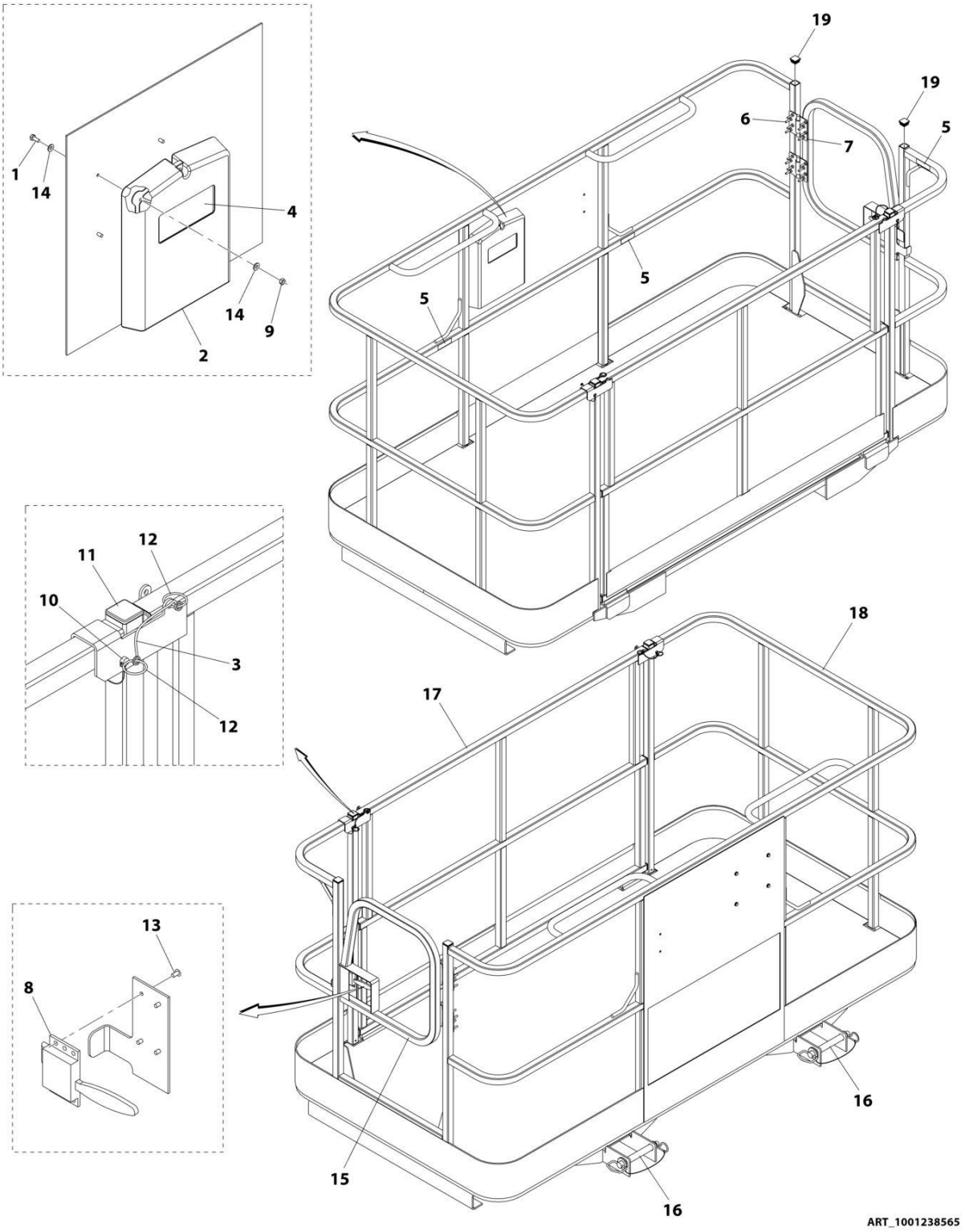
## FIGURE 3-11. BASKET, PERSONNEL (1.2MX2.4M) (ISO)



## FIGURE 3-11. BASKET, PERSONNEL (1.2MX2.4M) (ISO)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238654 | Ref | BASKET, PERSONNEL | B |
| 1 | 1702773 | 2 | Decal, JLG | |
| 2 | 1704885 | 1 | Decal, Website | |
| 3 | 31200387 | 1 | Manual, Operation and Safety, Spanish | |
| 4 | 31200388 | 1 | Manual, Operation and Safety, Portuguese | |
| 5 | 1001096021 | 1 | Decal, Warning Attachment | |
| 6 | 1001096023 | 1 | Decal, Platform Capacity | |
| 7 | 1001096025 | 1 | Decal, Platform Warning | |
| 8 | 1001238565 | 1 | Platform, Fork Mounted (ANSI) (See Separate Breakdown in this Section) | |
| 9 | See Note | NSS | SN Plate (Note: Stamped Part - Not Available for Purchase) | |

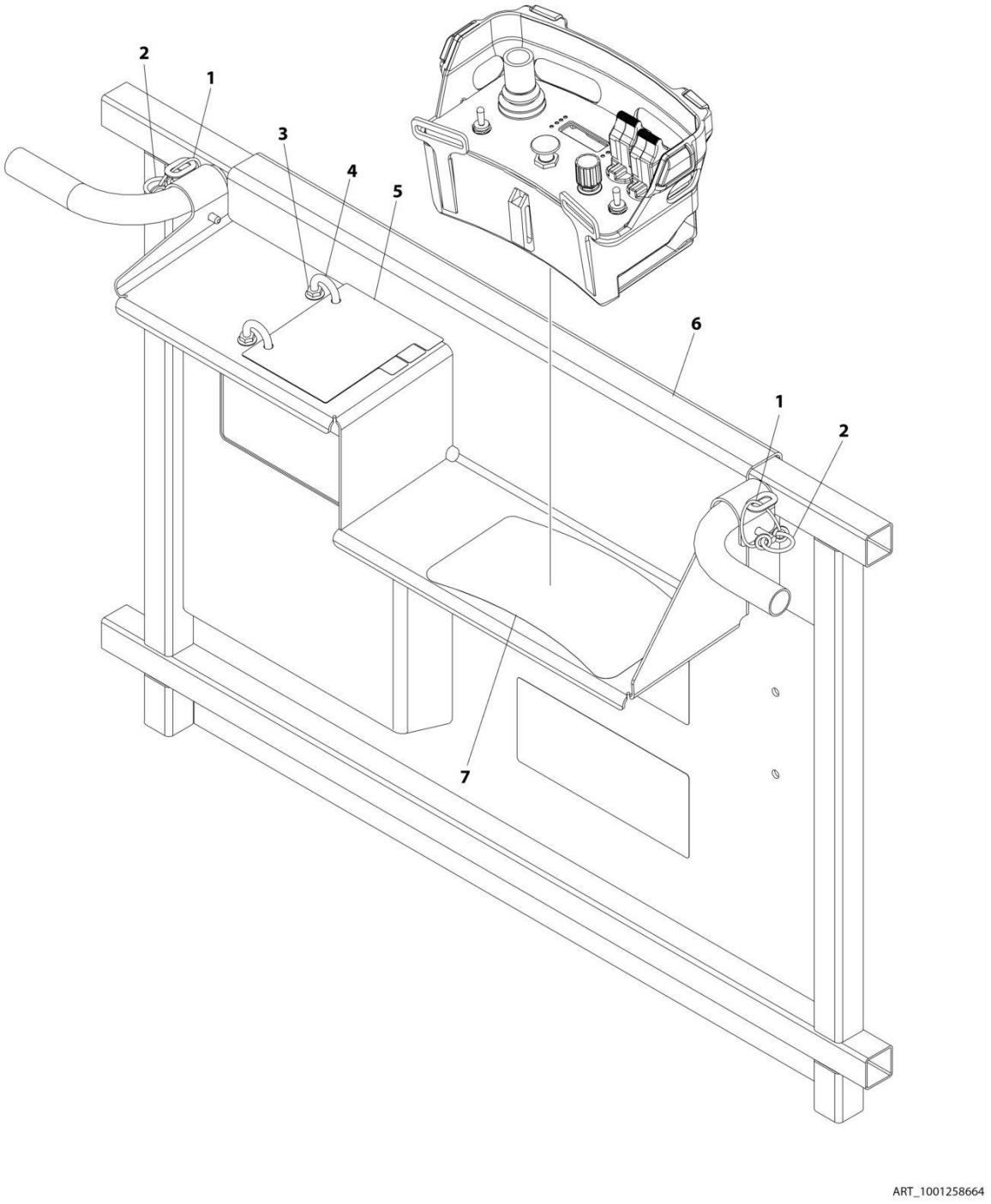
## FIGURE 3-12. FORK MOUNTED PLATFORM



## FIGURE 3-12. FORK MOUNTED PLATFORM

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238565 | Ref | FORK MOUNTED PLATFORM ASSEMBLY | F |
| 1 | 0641405 | 4 | Bolt 1/4 x 5/8 | |
| 2 | 0860520 | 1 | Box, Manual Storage | |
| 3 | 1060379 | 2 | Cable, Lanyard | |
| 4 | 1701509 | 1 | Decal, Manual | |
| 5 | 1704277 | 3 | Decal, Lanyard Attach | |
| 6 | 2080040 | 16 | Fastener | |
| 7 | 2600281 | 2 | Hinge | |
| 8 | 2940074 | 1 | Latch | |
| 9 | 3311405 | 4 | Nut 1/4 | |
| 10 | 3421453 | 2 | Pin | |
| 11 | 3520072 | 7 | Plug | |
| 12 | 3760170 | 4 | Ring | |
| 13 | 3820020 | 4 | Rivet | |
| 14 | 4711400 | 8 | Washer 1/4 | |
| 15 | 1001144629J | 1 | Gate | |
| 16 | 1001238560 | 2 | Pin, Hitch | |
| 17 | 1001095810 | 1 | Gate | |
| 18 | See Note | NSS | Platform, Fork Mounted | |
| 19 | 3520198 | 4 | Plug | |

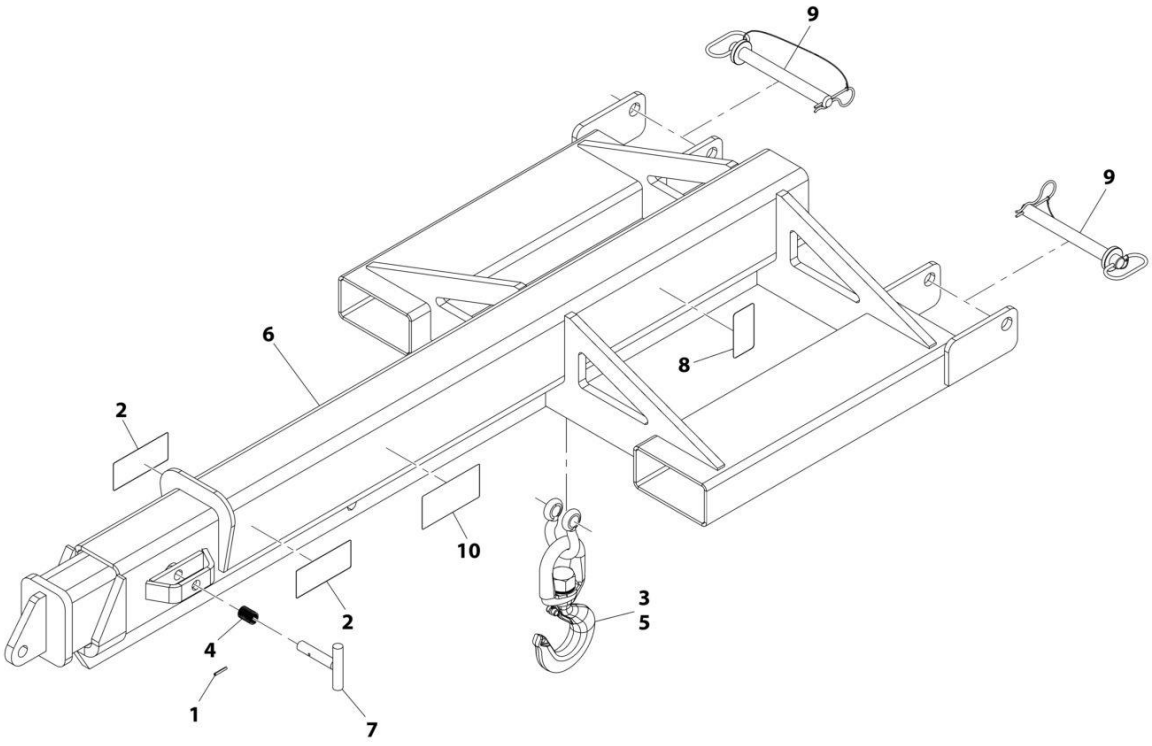
## FIGURE 3-13. BASKET DOCKING STATION



## FIGURE 3-13. BASKET DOCKING STATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001258664 | Ref | Basket Docking Station | A |
| 1 | 1060379 | 2 | Cable, Lanyard | |
| 2 | 3422661 | 2 | Pin, Quick Release | |
| 3 | 8310382 | 8 | Nut 1/4 | |
| 4 | 1001102844 | 2 | U-Bolt 1/4X1-1/4 | |
| 5 | 1001258512 | 1 | Load, Booklet Fork Platform | |
| 6 | 1001259214 | 1 | Bracket, Control Mount Weld | |
| 7 | 1001259225 | 1 | Decal, Remote Control | |

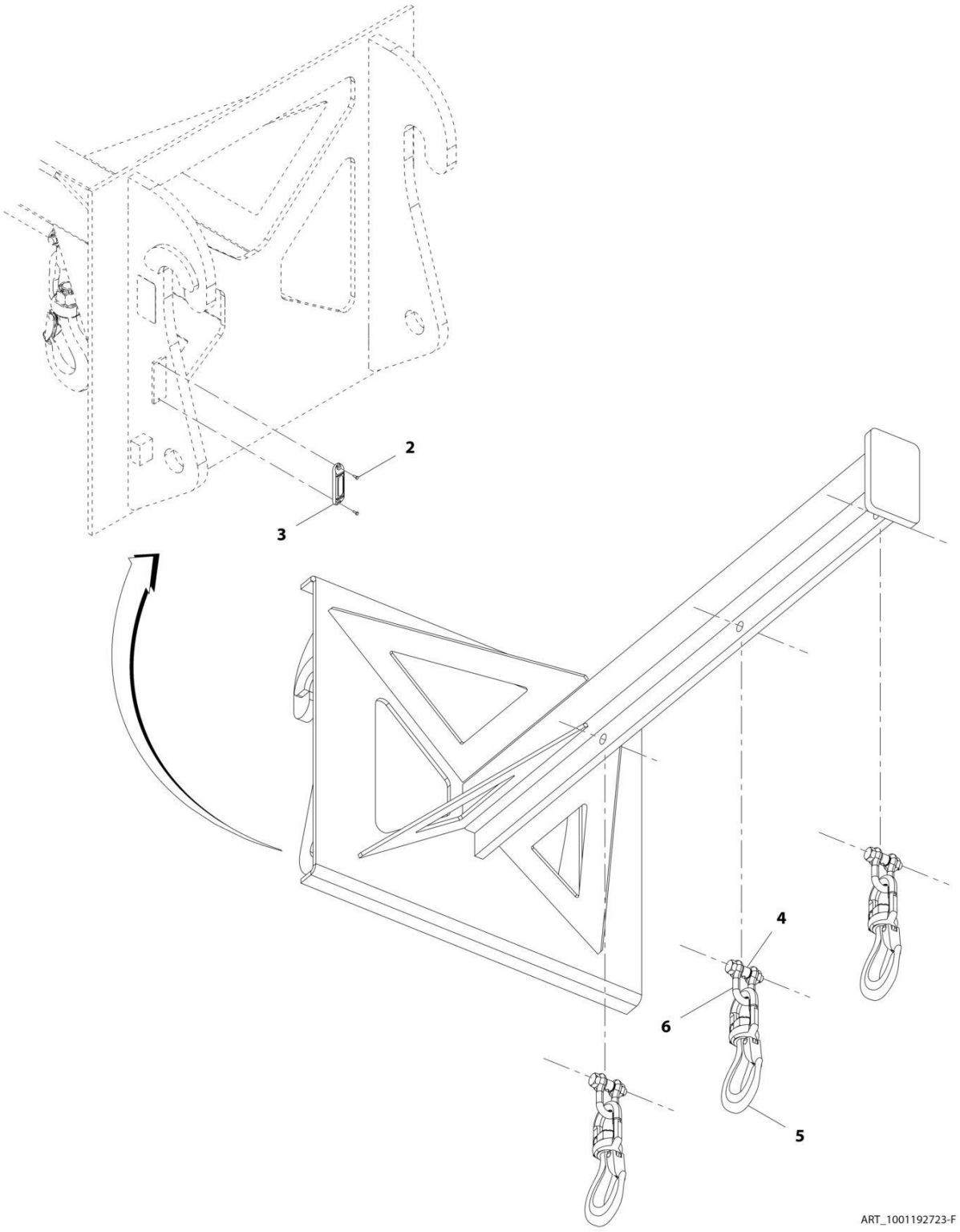
## FIGURE 3-14. BOOM - TRUSS (3.6TON FORK MOUNTED)



## FIGURE 3-14. BOOM - TRUSS (3.6TON FORK MOUNTED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001230241 | Ref | Adjustable Truss Boom Installation (Fork Mounted) | J |
| 1 | 3440620 | 1 | Pin | |
| 2 | 4110422 | 2 | Decal, Danger Swinging Loads | |
| 3 | 91403448 | 1 | Hook, Swivel | |
| 4 | 1001128890 | 1 | Spring | |
| 5 | 1001146160 | 1 | Shackle | |
| 6 | See Note | NSS | Boom, Truss - Adjustable (Note: Purchase Complete Assembly) | |
| 7 | 1001230239 | 1 | Pin | |
| 8 | See Note | NSS | SN Plate (Note:Stamped Part - Not Available for Purchase) | |
| 9 | 1001231692 | 2 | Pin | |
| 10 | 1001232500 | 1 | Decal, Load Capacities | |

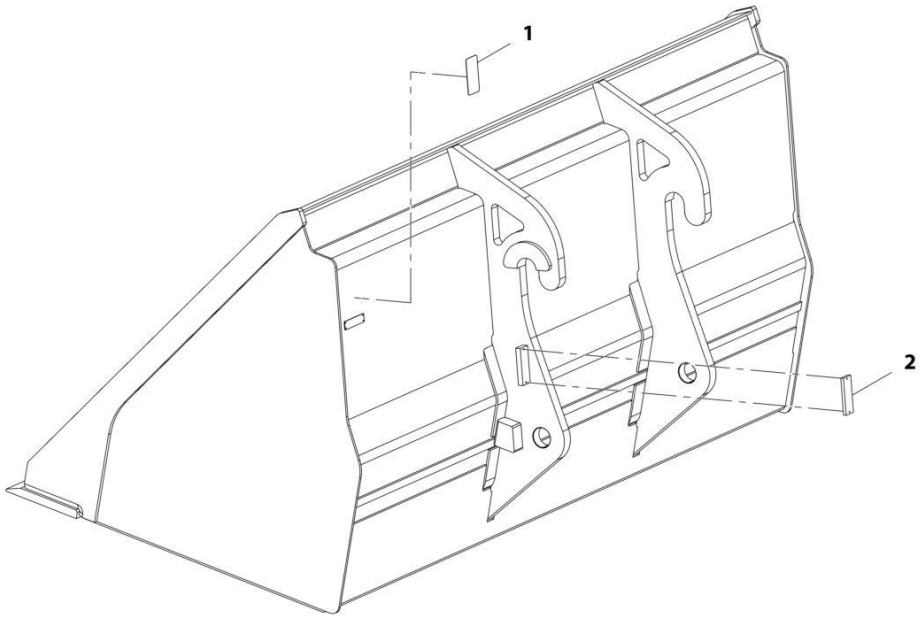
**FIGURE 3-15. BOOM - TRUSS (7.6 TON)**



## FIGURE 3-15. BOOM - TRUSS (7.6 TON)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192723 | 1 | Truss Boom (7.6 ton) | G |
| 2 | 70028554 | 2 | Screw | |
| 3 | 1001227670 | 1 | Tag, RFID | |
| 4 | 70020555 | 3 | Bushing | |
| 5 | 70026745 | 3 | Hook | |
| 6 | 70026746 | 3 | Shackle, Chain | |

**FIGURE 3-16. BUCKET (2.6 YD³/2.0M³)**

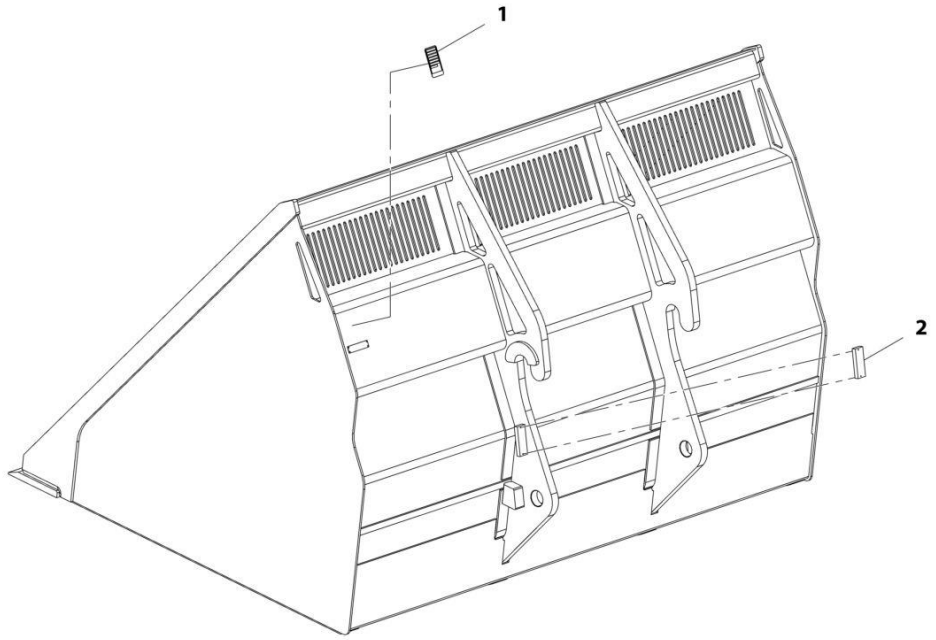



ART_1001192615-F

## FIGURE 3-16. BUCKET (2.6 YD³/2.0M³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192615 | Ref | Bucket (2.6 yd³/2.0m³) | G |
| 1 | N.S.S. | 1 | S/N Plate | |
| 2 | 1001227670 | 1 | Tag, RFID | |

## FIGURE 3-17. BUCKET (5.23 YD³)

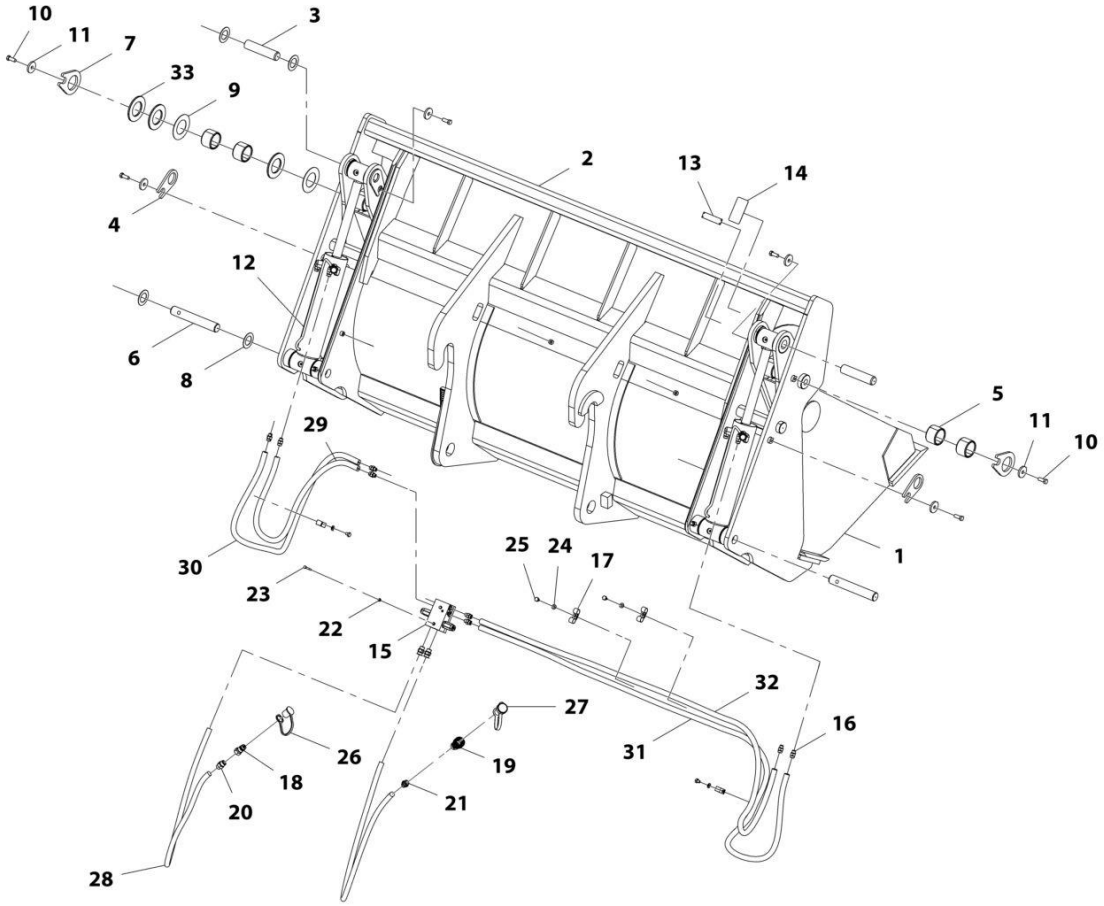



ART_1001192616-E

## FIGURE 3-17. BUCKET (5.23 YD³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192616 | Ref | Bucket (5.23 yd³/4.0m³) | F |
| 1 | N.S.S. | 1 | S/N Plate | |
| 2 | 1001227670 | 1 | Tag, RFID | |

## FIGURE 3-18. BUCKET - 4 IN 1 (2.6 YD³/2.0M³)

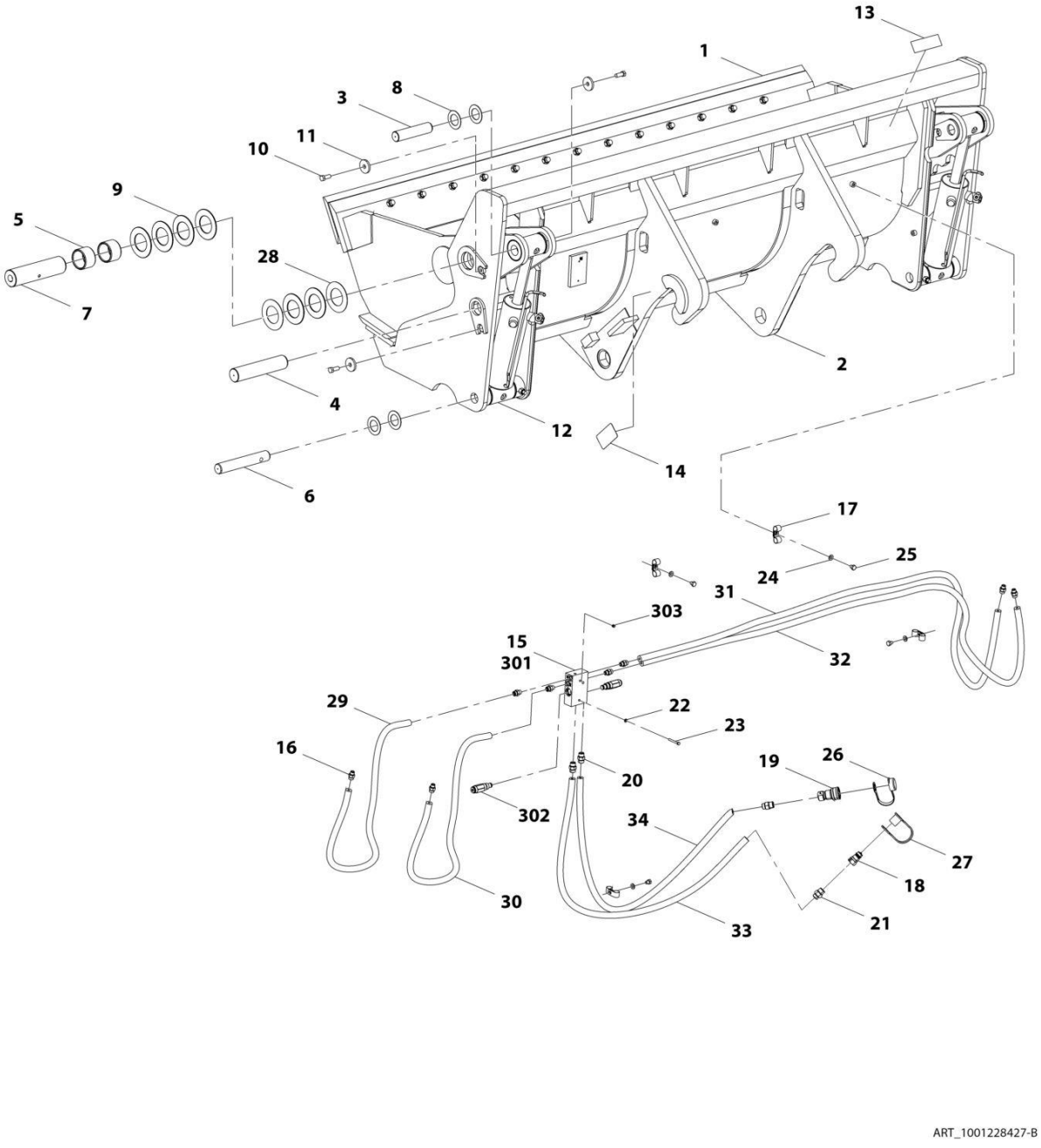



ART_1001192614-E

## FIGURE 3-18. BUCKET - 4 IN 1 (2.6 YD³/2.0M³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192614 | Ref | 4 in 1 Bucket (2.6 yd³/2.0m³) | F |
| 1 | N.S.S. | 1 | Assembly, Scarifier | |
| 2 | N.S.S. | 1 | Assembly, Bucket | |
| 3 | 70028563 | 2 | Pin | |
| 4 | 70028564 | 2 | Pin | |
| 5 | 70028565 | 4 | Bushing | |
| 6 | 70028566 | 2 | Pin | |
| 7 | 70028567 | 2 | Pin | |
| 8 | 70028568 | 8 | Shim | |
| 9 | 70028569 | 6 | Shim | |
| 10 | 70028570 | 6 | Capscrew | |
| 11 | 70028571 | 6 | Washer | |
| 12 | 70028572 | 2 | Cylinder, 4 in 1 Bucket (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 13 | N.S.S. | 1 | Plate, Serial Number | |
| 14 | N.S.S. | 1 | Plate, Serial Number JLG | |
| 15 | 70028573 | 1 | Valve Assembly, 4 in 1 Bucket (See Separate Breakdown in HYDRAULIC CIRCUITS Section) | |
| 16 | 70024130 | 8 | Fitting | |
| 17 | 70026481 | 8 | Clamp | |
| 18 | 1001101041 | 1 | Adapter, Male Quick Disconnect | |
| 19 | 1001101042 | 1 | Adapter, Female Quick Disconnect | |
| 20 | 70022938 | 2 | Fitting, Straight | |
| 21 | 70028263 | 2 | Fitting, Straight | |
| 22 | 70026480 | 2 | Fitting, Straight | |
| 23 | 70026479 | 2 | Bolt, M6X50 | |
| 24 | 70026482 | 4 | Washer, M10 | |
| 25 | 70026483 | 4 | Bolt, M10X16 | |
| 26 | 8420055 | 1 | Cap, Dust | |
| 27 | 8420053 | 1 | Cap, Dust | |
| 28 | 70028744 | 1 | Hose | |
| 29 | 70028745 | 1 | Hose | |
| 30 | 70028746 | 1 | Hose | |
| 31 | 70028747 | 1 | Hose | |
| 32 | 70028748 | 1 | Hose | |
| 33 | 70028574 | 12 | Shim | |

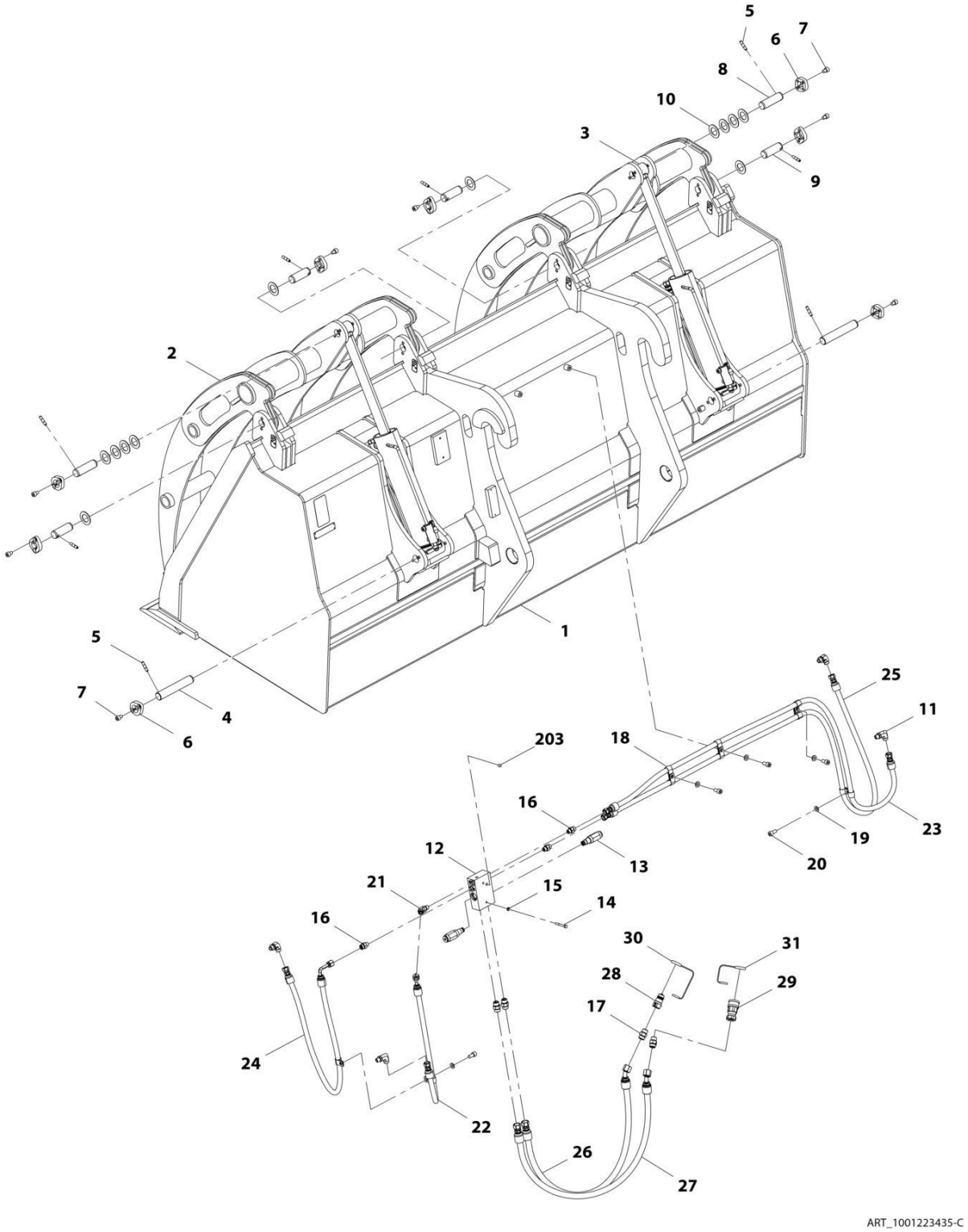
## FIGURE 3-19. BUCKET - 4 IN 1 (1.3 YD³/1.0M³)



## FIGURE 3-19. BUCKET - 4 IN 1 (1.3 YD³/1.0M³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228427 | Ref | 4 in 1 Bucket (1.3 yd³/1.0m³) | C |
| 1 | N.S.S. | 1 | Assembly, Front Bucket | |
| 2 | N.S.S. | 1 | Assembly, Back Bucket | |
| 3 | 70028563 | 2 | Pin | |
| 4 | 70028564 | 2 | Pin | |
| 5 | 70028565 | 4 | Bushing | |
| 6 | 70028566 | 2 | Pin | |
| 7 | 70028567 | 2 | Pin | |
| 8 | 70028568 | 8 | Shim | |
| 9 | 70028569 | 6 | Shim | |
| 10 | 70028570 | 6 | Capscrew | |
| 11 | 70028571 | 6 | Washer | |
| 12 | 70028572 | 2 | Assembly, 4 In 1Bucket Cylinder (5.23 yd³/4.0m³) (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 13 | N.S.S. | 1 | Plate, Name | |
| 14 | N.S.S. | 1 | Plate, Serial Number | |
| 15 | 70028573 | 1 | Assembly, 4 In 1 Bucket Valve (5.23 yd³/4.0m³) | |
| 16 | 70024130 | 8 | Fitting, Straight | |
| 17 | 70026481 | 8 | Clamp, Hose | |
| 18 | 1001101041 | 1 | Adapter, Male Quick Disconnect | |
| 19 | 1001101042 | 1 | Adapter, Female Quick Disconnect | |
| 20 | 70022938 | 2 | Fitting, Straight | |
| 21 | 70028263 | 2 | Fitting, Straight | |
| 22 | 70026480 | 2 | Washer, M6 | |
| 23 | 70026479 | 2 | Bolt, M6X50 | |
| 24 | 70026482 | 4 | Washer, M10 | |
| 25 | 70026483 | 4 | Bolt, M10X16 | |
| 26 | 8420055 | 1 | Plug, Dust | |
| 27 | 8420053 | 1 | Plug, Cap | |
| 28 | 70028574 | 12 | Shim | |
| 29 | 70028575 | 1 | Hose | |
| 30 | 70028576 | 1 | Hose | |
| 31 | 70028577 | 1 | Hose | |
| 32 | 70028578 | 1 | Hose | |
| 33 | 70028579 | 1 | Hose | |
| 34 | 70028580 | 1 | Hose | |
| 301 | 70026477 | 1 | Manifold | |
| 302 | 70028589 | 2 | Cartridge, Relief | |
| 303 | 70026614 | 2 | Plug | |

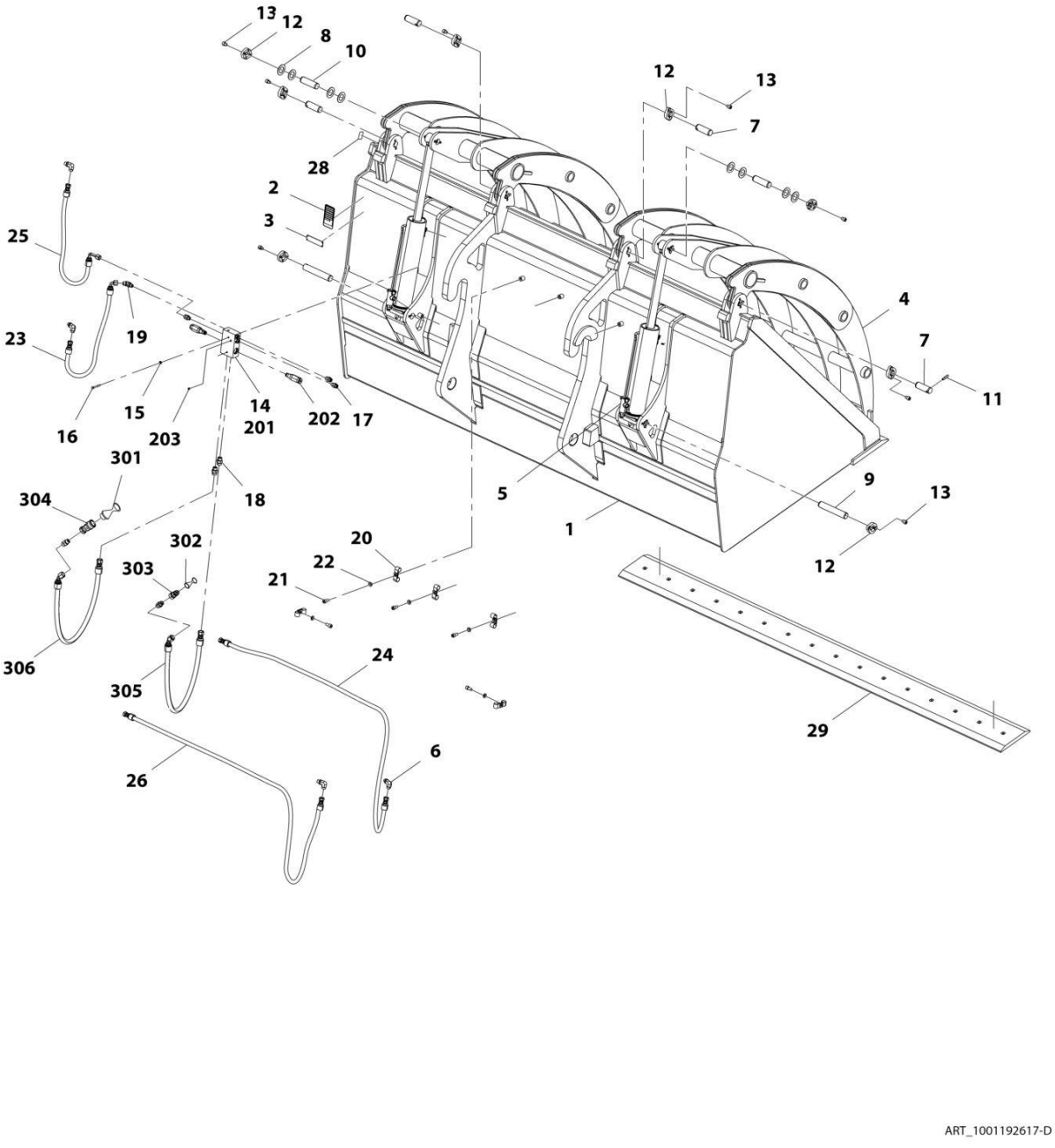
## FIGURE 3-20. BUCKET - GRAPPLE (1.7 YD³/1.3M³)



## FIGURE 3-20. BUCKET - GRAPPLE (1.7 YD³/1.3M³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223435 | Ref | Grapple Bucket (1.7 yd³/1.3m³) | D |
| 1 | N.S.S. | 1 | Bucket | |
| 2 | N.S.S. | 1 | Grapple | |
| 3 | 70026469 | 2 | Assembly, Cylinder, (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 4 | 70026470 | 2 | Pin | |
| 5 | 70026471 | 8 | Pin Drive - Lock | |
| 6 | 70026472 | 8 | Retainer | |
| 7 | 70026473 | 16 | Capscrew, M10X12 | |
| 8 | 70026474 | 2 | Pin | |
| 9 | 70026475 | 4 | Pin | |
| 10 | 70026476 | 32 | Shim | |
| 11 | 70024123 | 4 | Fitting, 90 | |
| 12 | 70026477 | 1 | Manifold | |
| 13 | 70026478 | 2 | Cartridge, Relief Valve | |
| 14 | 70026479 | 2 | Bolt, M6X50 | |
| 15 | 70026480 | 2 | Washer, M6 | |
| 16 | 70024130 | 3 | Fitting, Straight | |
| 17 | 70022938 | 4 | Fitting, Straight | |
| 18 | 70026481 | 10 | Clamp, Hose | |
| 19 | 70026482 | 5 | Washer, M10 | |
| 20 | 70028672 | 5 | Bolt, M10X20 | |
| 21 | 70026616 | 1 | Fitting, 45 | |
| 22 | 70028749 | 1 | Hose | |
| 23 | 70028750 | 1 | Hose | |
| 24 | 70028751 | 1 | Hose | |
| 25 | 70028752 | 1 | Hose | |
| 26 | 70028753 | 1 | Hose | |
| 27 | 70028697 | 1 | Hose | |
| 28 | 1001101041 | 1 | Adapter, Male Quick Disconnect | |
| 29 | 1001101042 | 1 | Adapter, Female Quick Disconnect | |
| 30 | 8420053 | 1 | Cap, Dust | |
| 31 | 8420055 | 1 | Plug, Dust | |
| 203 | 70026614 | 2 | Plug | |

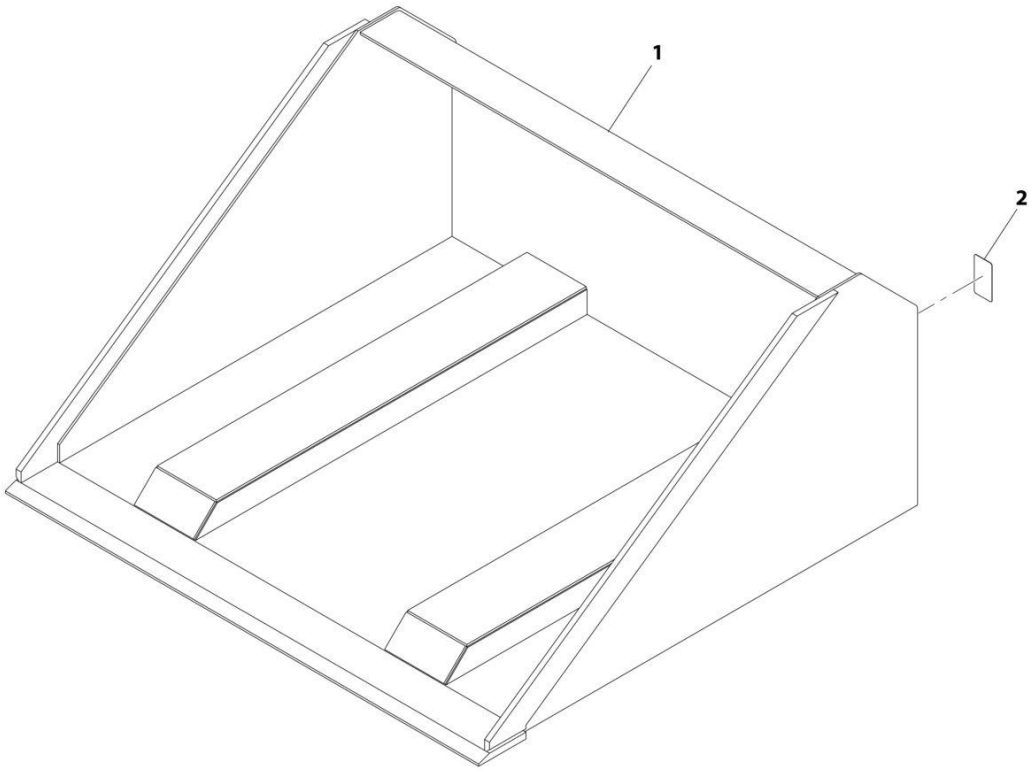
## FIGURE 3-21. BUCKET - GRAPPLE (2.6 YD³/2.0M³)



## FIGURE 3-21. BUCKET - GRAPPLE (2.6 YD³/2.0M³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192617 | Ref | Grapple Bucket (2.6 yd³/2.0m³) | E |
| 1 | N.S.S. | 1 | Bucket | |
| 2 | N.S.S. | 1 | Plate, Serial Number | |
| 3 | N.S.S. | 1 | Nameplate | |
| 4 | N.S.S. | 1 | Grapple | |
| 5 | 70026469 | 2 | Assembly, Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 6 | 70024123 | 4 | Fitting, 90 | |
| 7 | 70026475 | 4 | Pin | |
| 8 | 70026476 | 12 | Shim | |
| 9 | 70026470 | 2 | Pin | |
| 10 | 70026474 | 2 | Pin | |
| 11 | 70026471 | 8 | Pin, Lock | |
| 12 | 70026472 | 8 | Retainer | |
| 13 | 70026473 | 16 | Capscrew, M10X12 | |
| 14 | N.S.S. | 1 | Valve, Relief | |
| 15 | 70026480 | 2 | Washer, M6 | |
| 16 | 70026479 | 2 | Bolt, M6X50 | |
| 17 | 70024130 | 3 | Fitting, Straight | |
| 18 | 70022938 | 4 | Fitting, Straight | |
| 19 | 70026616 | 1 | Fitting, 45 | |
| 20 | 70026481 | 10 | Clamp, Hose | |
| 21 | 70028672 | 5 | Bolt, M10X20 | |
| 22 | 70026482 | 5 | Washer, M10 | |
| 23 | 70028738 | 1 | Hose | |
| 24 | 70028739 | 1 | Hose | |
| 25 | 70028740 | 1 | Hose | |
| 26 | 70028741 | 1 | Hose | |
| 28 | 70024538 | 8 | Decal, Pinch Point | |
| 29 | 70028742 | 1 | Guard, Edge | |
| 201 | 70026477 | 1 | Manifold | |
| 202 | 70026478 | 2 | Cartridge, Relief Valve | |
| 203 | 70026614 | 2 | Plug | |
| 301 | 8420055 | 1 | Plug, Dust | |
| 302 | 8420053 | 1 | Cap, Dust | |
| 303 | 1001101041 | 1 | Coupler, Male Hydraulic | |
| 304 | 1001101042 | 1 | Coupler, Female Hydraulic | |
| 305 | 70028743 | 1 | Hose | |
| 306 | 70028734 | 1 | Hose | |

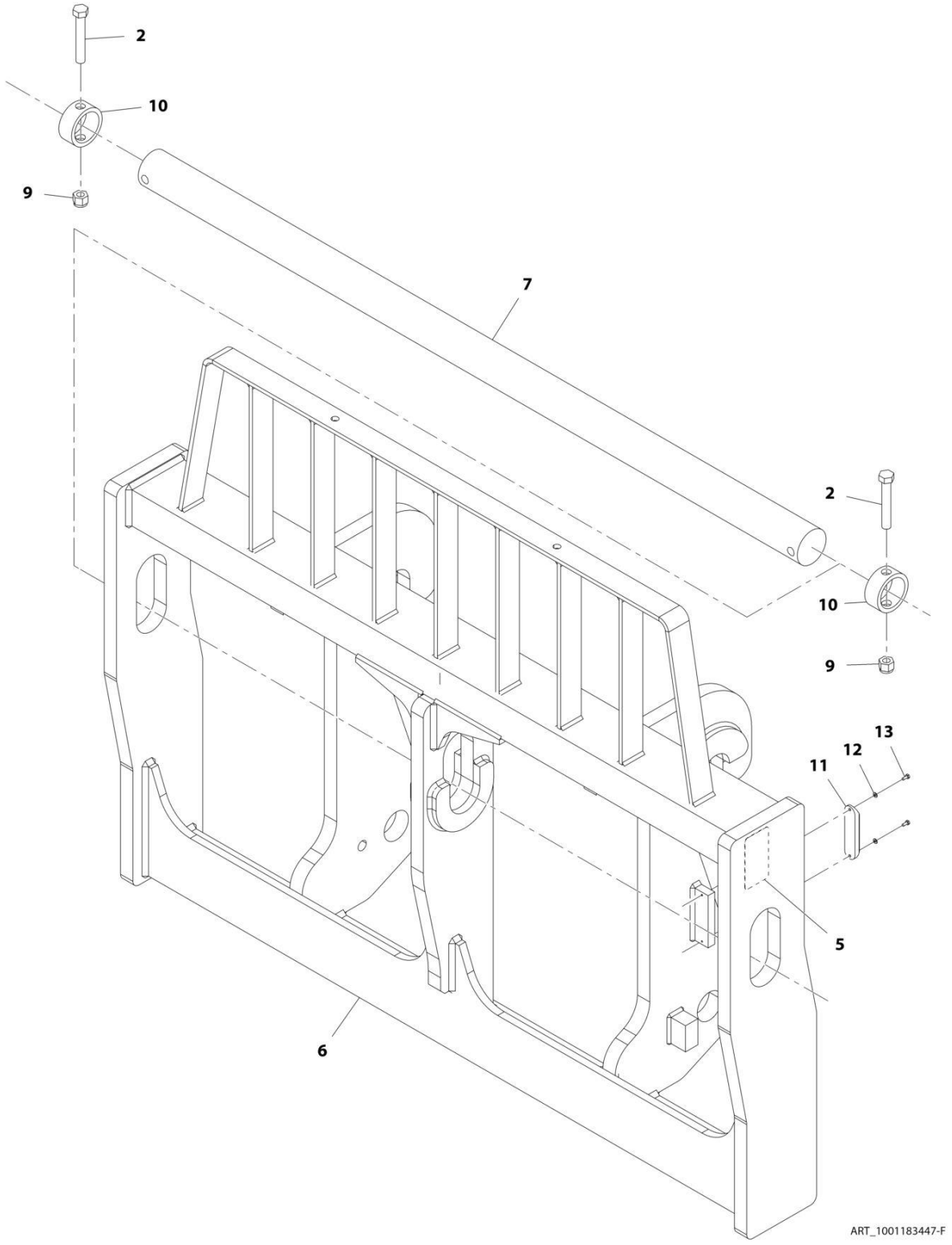
## FIGURE 3-22. BUCKET - FORK MOUNTED (1.0M³)



## FIGURE 3-22. BUCKET - FORK MOUNTED (1.0M³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001195970 | Ref | Bucket 1.0 m³ (Fork Mounted) | E |
| 2 | See Note | NSS | S/N Plate (Note: Stamped Part - Not Available for Purchase) | |

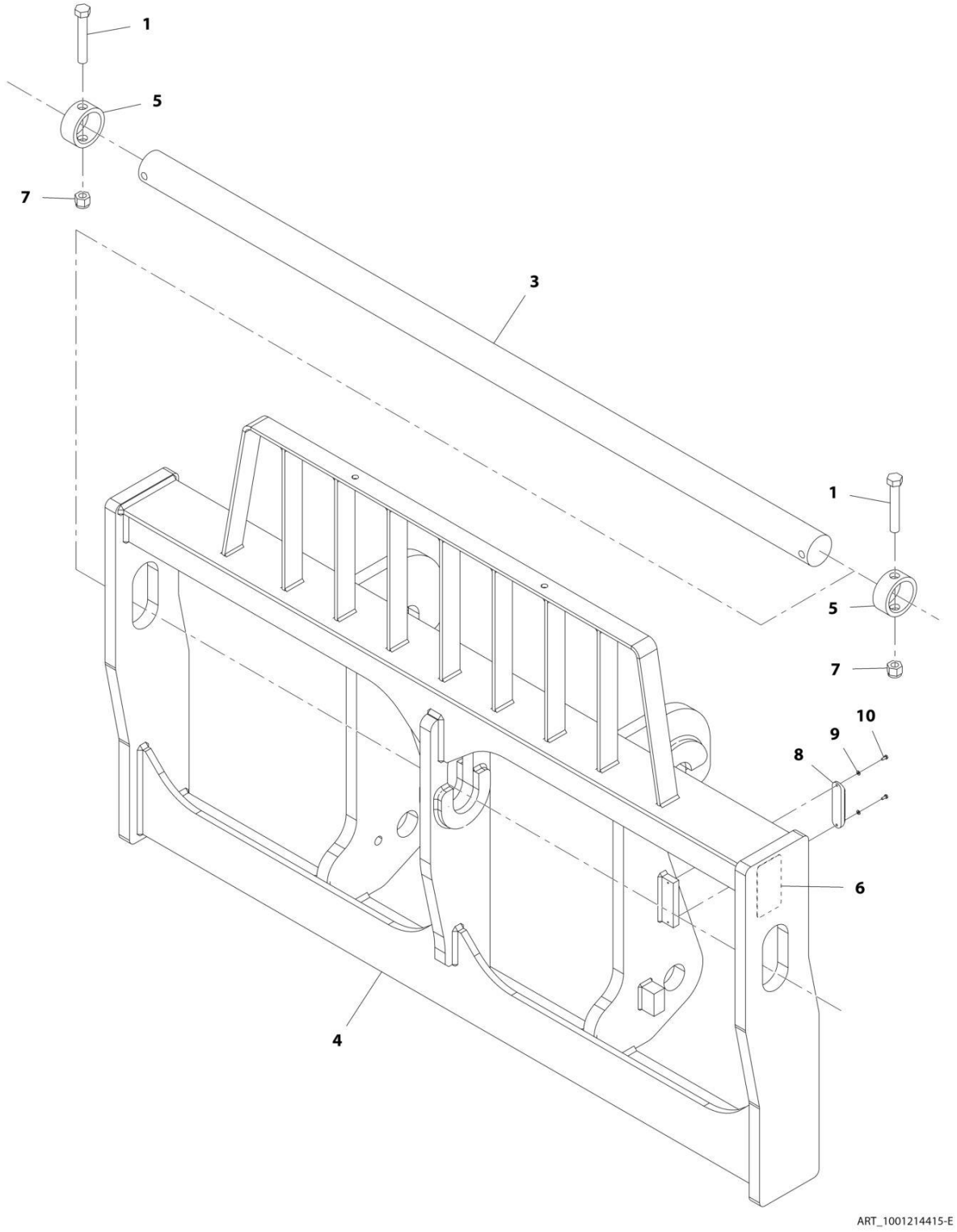
## FIGURE 3-23. CARRIAGE ASSEMBLY (60IN/1524MM)



## FIGURE 3-23. CARRIAGE ASSEMBLY (60IN/1524MM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183447 | 1 | Carriage Assembly (60in/1524mm) | F |
| 2 | 0701628 | 2 | Bolt, M16X110 | |
| 5 | N.S.S. | 1 | S/N Plate | |
| 6 | N.S.S. | 1 | Weldment, Carriage | |
| 7 | 1001191108 | 1 | Pin | |
| 9 | 3291605 | 2 | Nut, Lock M16X2 Grade 8 | |
| 10 | 1001218755 | 2 | Collar, Shaft | |
| 11 | 1001227670 | 1 | Tag, RFID | |
| 12 | 4811400 | 2 | Washer, M4 | |
| 13 | 0760405 | 2 | Bolt, M4X10 | |

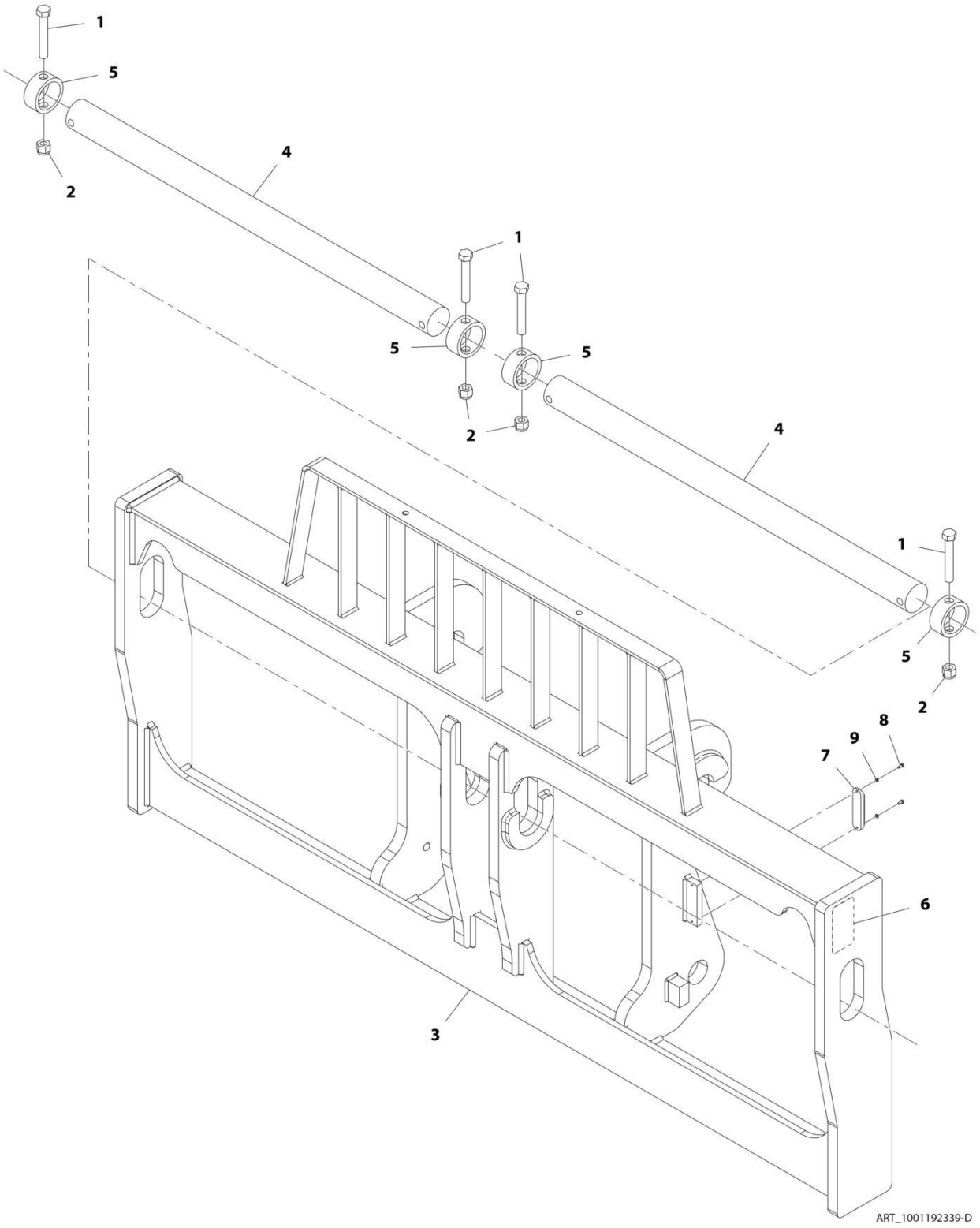
## FIGURE 3-24. CARRIAGE ASSEMBLY (72IN/1829MM)



## FIGURE 3-24. CARRIAGE ASSEMBLY (72IN/1829MM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214415 | Ref | Carriage Assembly (72in/1829mm) | E |
| 1 | 0701628 | 2 | Bolt, M16X110 | |
| 3 | 1001214254 | 1 | Pin | |
| 4 | N.S.S. | 1 | Weldment, Carriage | |
| 5 | 1001218755 | 2 | Collar, Shaft | |
| 6 | N.S.S. | 1 | Plate, Serial Number | |
| 7 | 3291605 | 2 | Nut, Lock M16X2 Grade 8 | |
| 8 | 1001227670 | 1 | Tag, RFID | |
| 9 | 4811400 | 2 | Washer, M4 | |
| 10 | 0760405 | 2 | Bolt, M4X10 | |

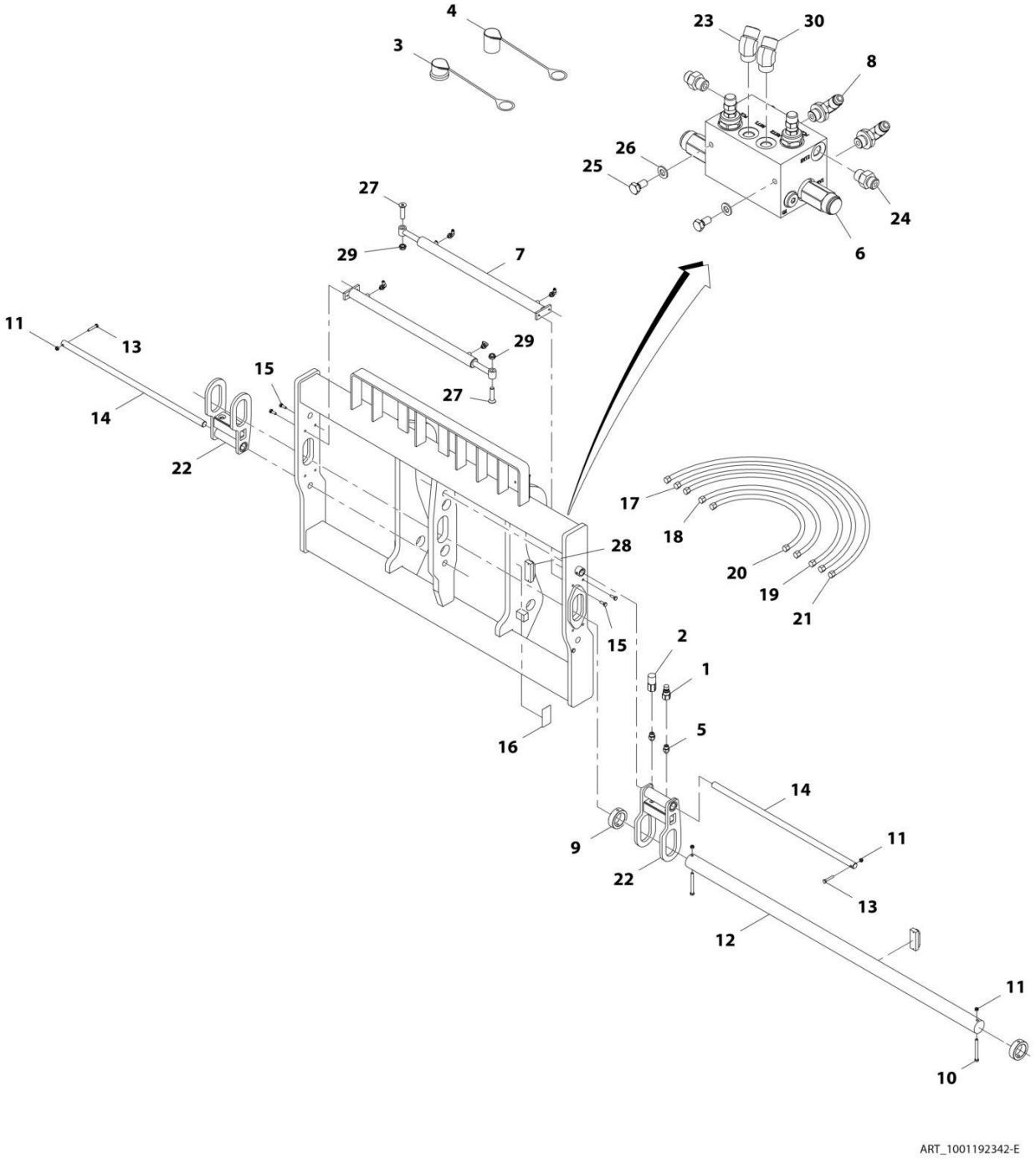
## FIGURE 3-25. CARRIAGE ASSEMBLY (87IN/2290MM)



## FIGURE 3-25. CARRIAGE ASSEMBLY (87IN/2290MM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192339 | 1 | Carriage Assembly (87in/2290mm) | D |
| 1 | 0701628 | 4 | Bolt, M16X110 | |
| 2 | 3291605 | 4 | Nut, Lock M16X2 Grade 8 | |
| 3 | N.S.S. | 1 | Weldment, Carriage | |
| 4 | 1001218754 | 2 | Pin | |
| 5 | 1001218755 | 4 | Collar, Shaft | |
| 6 | N.S.S. | 1 | Plate, Serial Number | |
| 7 | 1001227670 | 1 | Tag, RFID | |
| 8 | 0760405 | 2 | Bolt, M4X10 | |
| 9 | 4811400 | 2 | Washer, M4 | |

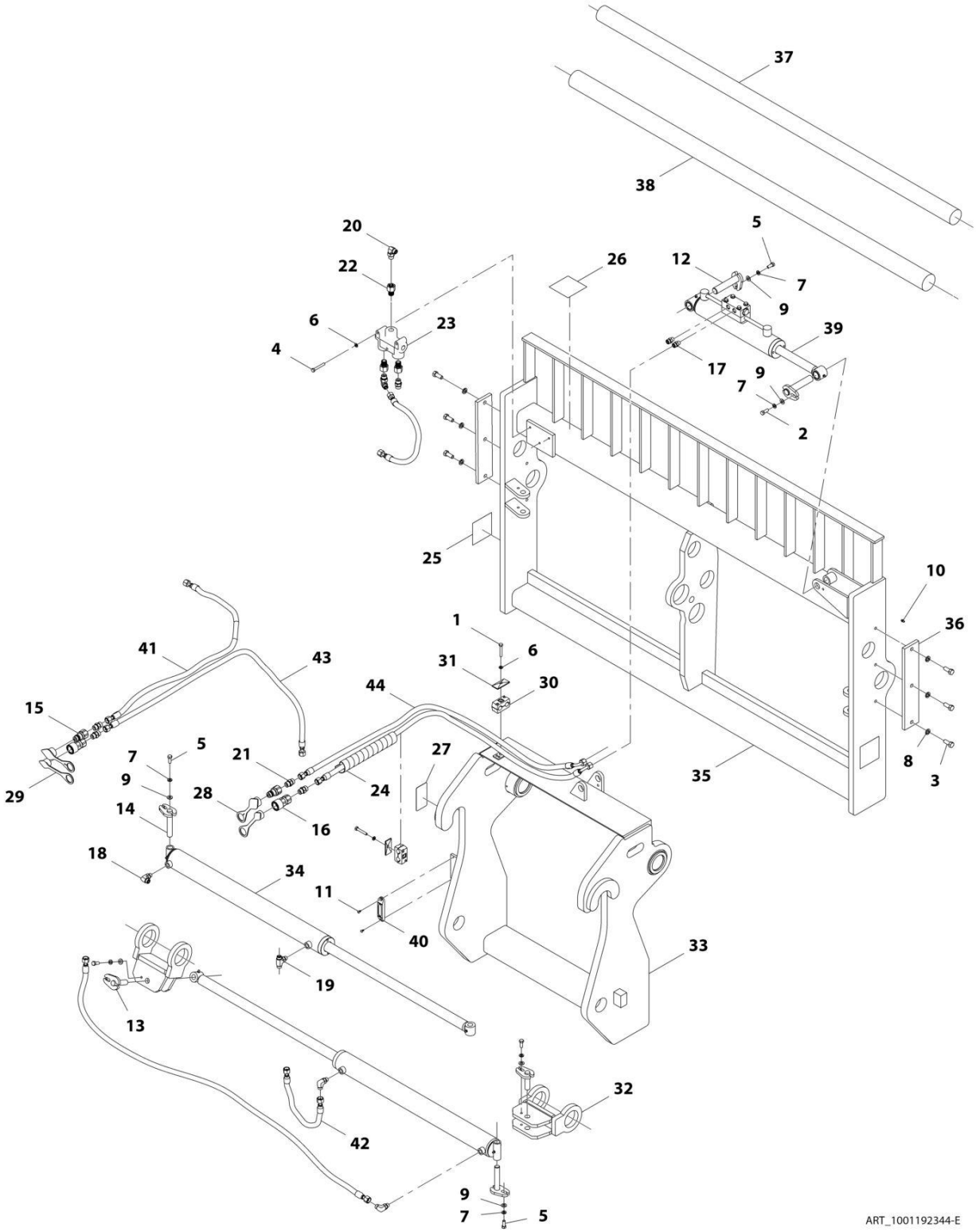
## FIGURE 3-26. CARRIAGE ASSEMBLY - DUAL FORK POSITIONING CARRIAGE (72IN/1829MM)



## FIGURE 3-26. CARRIAGE ASSEMBLY - DUAL FORK POSITIONING CARRIAGE (72IN/1829MM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192342 | 1 | Dual Fork Positioning Carriage (72in/1829mm) | E |
| 1 | 1001101041 | 1 | Coupler, Male Hydraulic | |
| 2 | 1001101042 | 1 | Coupler, Female Hydraulic | |
| 3 | 8420053 | 1 | Cap | |
| 4 | 8420055 | 1 | Cap | |
| 5 | 1001008834 | 2 | Fitting, Straight | |
| 6 | 70027896 | 1 | Valve | |
| 7 | 70028505 | 2 | Cylinder, Forkpositioner | |
| 8 | 2150606 | 4 | Fitting, 45 ORFS | |
| 9 | 70028506 | 2 | Collar | |
| 10 | 70027889 | 2 | Bolt, M10x120 | |
| 11 | 70027890 | 4 | Nut M10 | |
| 12 | 70028507 | 1 | Shaft, Floating | |
| 13 | 70027881 | 2 | Bolt, M10x55 | |
| 14 | 70028508 | 2 | Shaft, Forkpositioner | |
| 15 | 70027880 | 4 | Bolt, M10x30 | |
| 16 | N.S.S. | 1 | S/N Plate | |
| 17 | 70028509 | 1 | Hose | |
| 18 | 70028510 | 1 | Hose | |
| 19 | 70028511 | 1 | Hose | |
| 20 | 70028512 | 1 | Hose | |
| 21 | 70027899 | 2 | Hose | |
| 22 | 70028513 | 2 | Cage, Fork | |
| 23 | 2150606 | 1 | Fitting, 45 ORFS | |
| 24 | 2110606 | 2 | Fitting, Straight ORFS | |
| 25 | 70027882 | 2 | Bolt, M8X16 | |
| 26 | 70027879 | 2 | Washer | |
| 27 | 70027888 | 3 | Screw, Countersunk M20x80 | |
| 28 | 1001227670 | 1 | Tag, RFID | |
| 29 | 70027887 | 2 | Nut, M20 | |
| 30 | 2170206 | 1 | Fitting, 90 ORFS | |

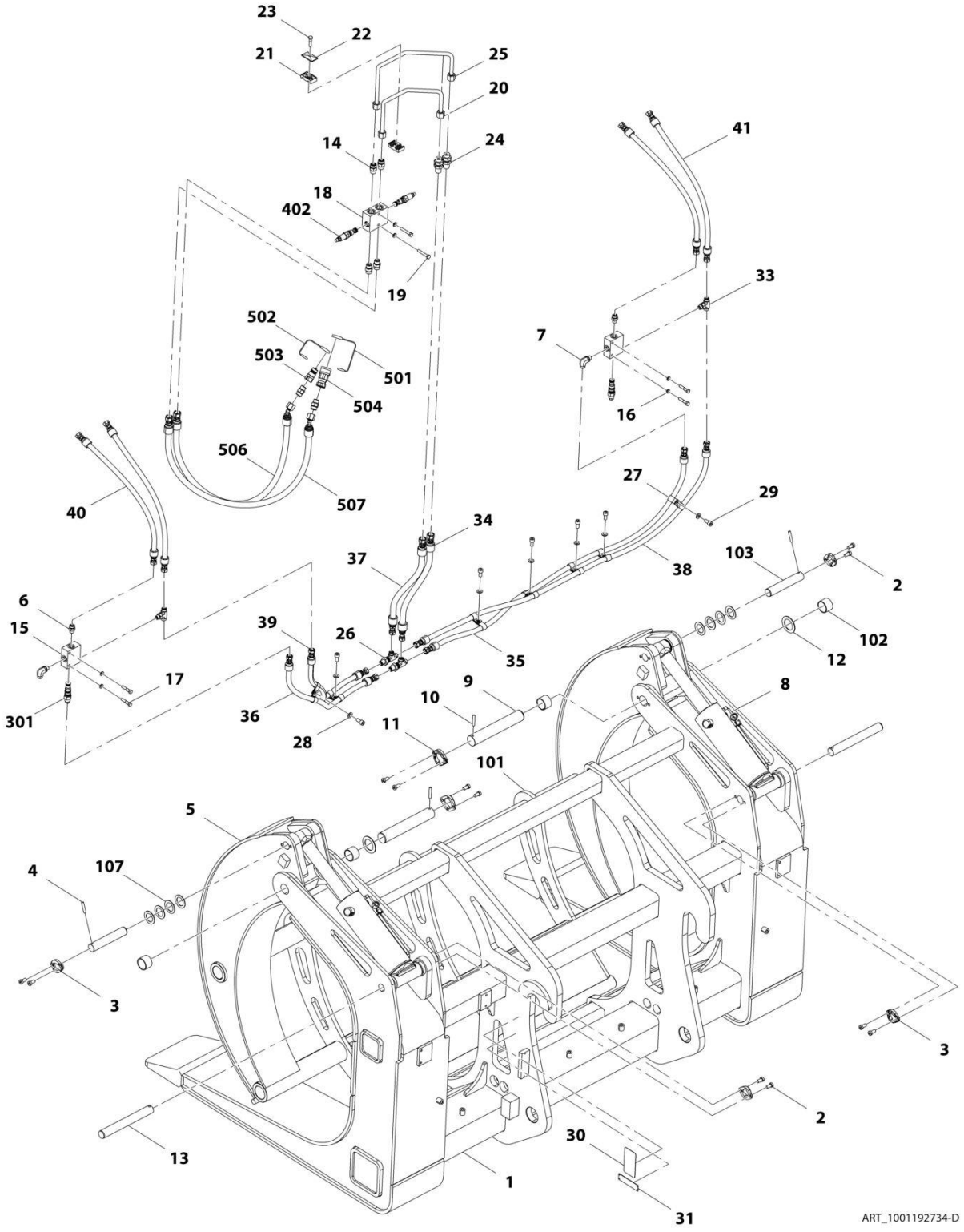
## FIGURE 3-27. CARRIAGE ASSEMBLY - DUAL FORK POSITIONING SIDE SHIFT CARRIAGE (75IN/1899MM)



## FIGURE 3-27. CARRIAGE ASSEMBLY - DUAL FORK POSITIONING SIDE SHIFT CARRIAGE (75IN/1899MM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192344 | 1 | Dual Fork Positioning Side Shift Carriage (75in/1899mm) | F |
| 1 | 70028485 | 2 | Bolt | |
| 2 | 70021349 | 1 | Bolt, 3/8X1 | |
| 3 | 70027989 | 6 | Bolt | |
| 4 | 70028591 | 3 | Bolt | |
| 5 | 7029704 | 5 | Bolt, 3/8-24X1 | |
| 6 | 90554067 | 5 | Washer, Lock 5/16 | |
| 7 | 90554042 | 6 | Washer, Lock 3/8 | |
| 8 | 90554020 | 6 | Washer, Lock 1/2 | |
| 9 | 7029703 | 6 | Washer, Flat | |
| 10 | 90554045 | 1 | Zerk, Grease | |
| 11 | 70028554 | 2 | Screw | |
| 12 | 7029702 | 2 | Pin | |
| 13 | 70028592 | 2 | Pin | |
| 14 | 70028593 | 2 | Pin | |
| 15 | 1001101041 | 2 | Adapter, Male Quick Disconnect | |
| 16 | 1001101042 | 2 | Adapter, Female Quick Disconnect | |
| 17 | 70028486 | 2 | Fitting | |
| 18 | 70028525 | 3 | Elbow, 90 | |
| 19 | 70028594 | 1 | Fitting | |
| 20 | 70028526 | 2 | Elbow, 90 | |
| 21 | 70028488 | 5 | Fitting | |
| 22 | 70028595 | 3 | Fitting | |
| 23 | 70028596 | 1 | Valve | |
| 24 | 70028597 | 1 | Protector, Hose | |
| 25 | 90554017 | 2 | Decal, Danger Pinch Point | |
| 26 | 7029711 | 1 | Decal, High Pressure | |
| 27 | N.S.S. | 1 | S/N Plate | |
| 28 | 8420053 | 2 | Plug, Dust | |
| 29 | 8420055 | 2 | Plug, Dust | |
| 30 | 70028495 | 2 | Clamp | |
| 31 | 70028496 | 2 | Plate, Clamp | |
| 32 | 70028598 | 2 | Clevis | |
| 33 | N.S.S. | 1 | Weldment | |
| 34 | 70028599 | 2 | Assembly, Fork Positioning Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 35 | N.S.S. | 1 | Weldment | |
| 36 | 70028600 | 2 | Pin | |
| 37 | 70028601 | 1 | Pin | |
| 38 | 70028602 | 1 | Pin | |
| 39 | 70028603 | 1 | Assembly, Side Shift Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 40 | 1001227670 | 1 | Tag, RFID | |
| 41 | 70028604 | 2 | Hose | |
| 42 | 70028605 | 2 | Hose | |
| 43 | 70028606 | 1 | Hose | |
| 44 | 70028607 | 2 | Hose | |

## FIGURE 3-28. CARRIAGE ASSEMBLY - LOG HANDLER CARRIAGE



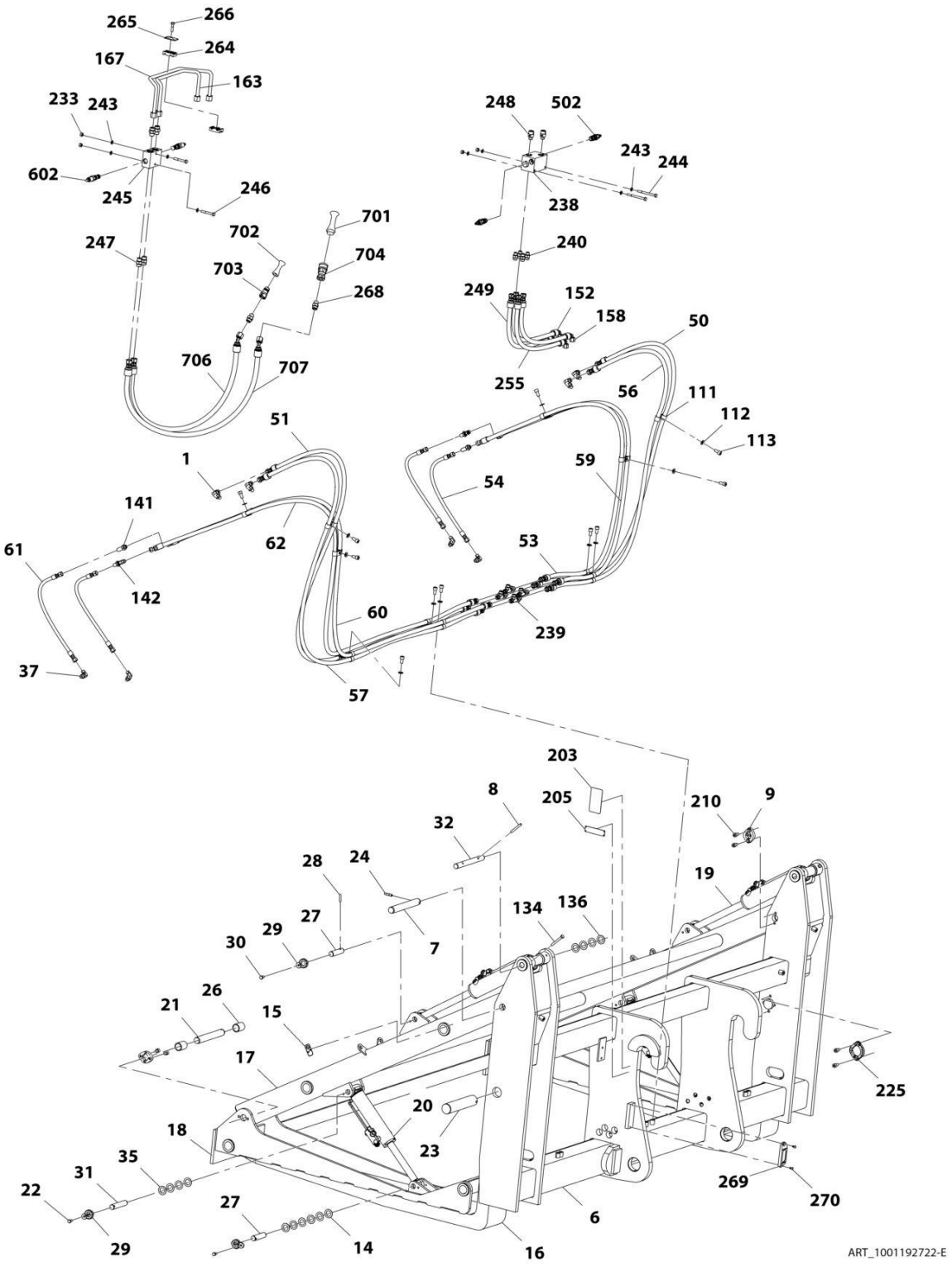
## FIGURE 3-28. CARRIAGE ASSEMBLY - LOG HANDLER CARRIAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192734 | Ref | Log Handler Carriage | E |
| 1 | N.S.S. | 1 | Frame | |
| 2 | 70028701 | 8 | Capscrew, M10X20 | |
| 3 | 70028702 | 2 | Retainer | |
| 4 | 70028703 | 4 | Pin | |
| 5 | N.S.S. | 1 | Grapple | |
| 6 | 70024130 | 2 | Fitting, Straight | |
| 7 | 70024123 | 2 | Fitting, 90 | |
| 8 | 70028704 | 2 | Assembly, Log Handler Carriage Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 9 | 70028705 | 2 | Pin | |
| 10 | 70028706 | 2 | Pin | |
| 11 | 70028707 | 2 | Retainer | |
| 12 | 70028708 | 2 | Shim | |
| 13 | 70028709 | 2 | Pin | |
| 14 | 70022938 | 4 | Fitting, Straight | |
| 15 | N.S.S. | 2 | Valve | |
| 16 | 70024721 | 6 | Washer, M8 | |
| 17 | 70028710 | 4 | Capscrew | |
| 18 | N.S.S. | 1 | Valve, Relief | |
| 19 | 70028711 | 2 | Capscrew | |
| 20 | 70028712 | 1 | Pipe | |
| 21 | 70028687 | 1 | Clamp | |
| 22 | 70028688 | 1 | Plate, Cover | |
| 23 | 70028689 | 1 | Bolt, M8X35 | |
| 24 | 70028713 | 2 | Fitting, Straight | |
| 25 | 70028714 | 1 | Pipe | |
| 26 | 70028267 | 2 | Fitting, Tee | |
| 27 | 70026481 | 14 | Clamp, Hose | |
| 28 | 70026482 | 7 | Washer, M10 | |
| 29 | 70028672 | 7 | Bolt, M10X20 | |
| 30 | N.S.S. | 1 | Plate, Serial Number | |
| 31 | N.S.S. | 1 | Plate, Name | |
| 33 | 70028715 | 2 | Fitting, Tee | |
| 34 | 70028716 | 1 | Hose | |
| 35 | 70028717 | 1 | Hose | |
| 36 | 70028718 | 1 | Hose | |
| 37 | 70028719 | 1 | Hose | |
| 38 | 70028720 | 1 | Hose | |
| 39 | 70028721 | 1 | Hose | |
| 40 | 70028722 | 2 | Hose | |
| 41 | 70028723 | 2 | Hose | |
| 101 | 70028724 | 1 | Arm | |
| 102 | 70028725 | 4 | Bearing | |
| 103 | 70028726 | 2 | Pin | |
| 107 | 70028727 | 8 | Shim | |
| 301 | 70026504 | 2 | Valve, Counterbalance | |
| 402 | 70024772 | 2 | Valve, Relief | |
| 501 | 8420055 | 1 | Plug, Dust | |
| 502 | 8420053 | 1 | Plug, Cap | |

# SECTION 3 - ATTACHMENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 503 | 1001101041 | 1 | Adapter, Male Quick Disconnect | |
| 504 | 1001101042 | 1 | Adapter, Female Quick Disconnect | |
| 506 | 70028734 | 1 | Hose | |
| 507 | 70028697 | 1 | Hose | |

## FIGURE 3-29. CARRIAGE ASSEMBLY - PIPE HANDLER CARRIAGE



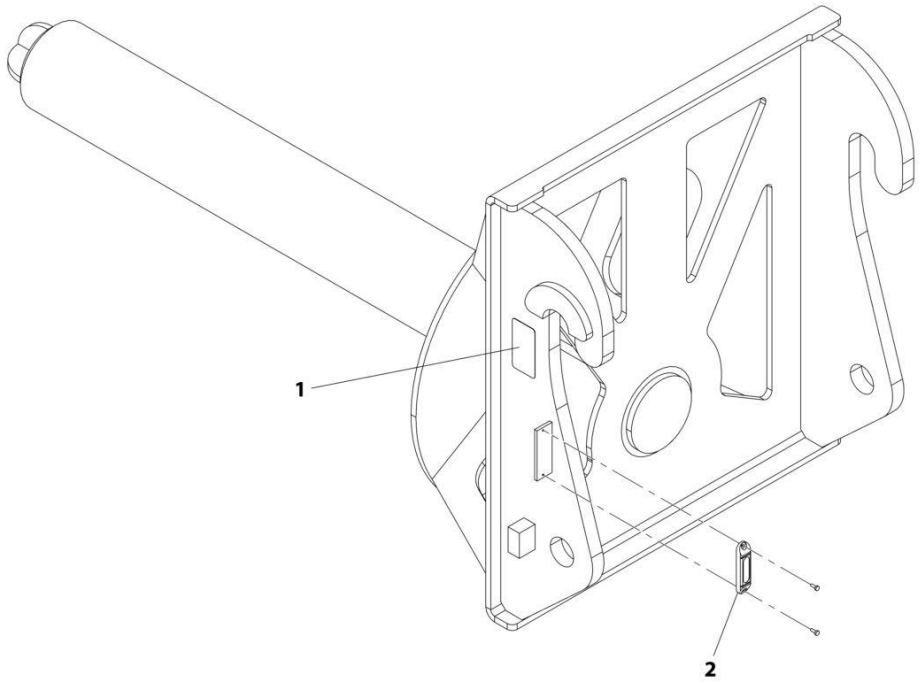
## FIGURE 3-29. CARRIAGE ASSEMBLY - PIPE HANDLER CARRIAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192722 | Ref | Pipe Handler Carriage | F |
| 1 | 70024123 | 4 | Adapter, 90 (includes o-ring) | |
| 6 | N.S.S. | 1 | Carriage | |
| 7 | 70028648 | 2 | Pin | |
| 8 | 70026471 | 4 | Pin | |
| 9 | 70026472 | 4 | Retainer | |
| 14 | 70026476 | 12 | Shim | |
| 15 | 70024538 | 2 | Decal, Pinch Point | |
| 16 | 70028649 | 2 | Fork | |
| 17 | 70028650 | 1 | Arm | |
| 18 | 70028651 | 1 | Pad, Contact | |
| 19 | 70028652 | 1 | Assembly, Upper Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 20 | 70028653 | 1 | Assembly, Lower Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 21 | 70028654 | 2 | Pin | |
| 22 | 70026473 | 4 | Capscrew, M10X12 | |
| 23 | 70028655 | 2 | Pin | |
| 24 | 70028405 | 2 | Pin | |
| 26 | 70026501 | 8 | Bushing | |
| 27 | 70028656 | 4 | Pin | |
| 28 | 70028253 | 6 | Pin | |
| 29 | 70028262 | 6 | Retainer | |
| 30 | 70028657 | 6 | Bolt, M8X16 | |
| 31 | 70028658 | 2 | Pin | |
| 32 | 70028659 | 2 | Pin | |
| 35 | 70028660 | 8 | Shim | |
| 37 | 70028661 | 4 | Fittin, 90 | |
| 50 | 70028662 | 1 | Hose | |
| 51 | 70028663 | 1 | Hose | |
| 53 | 70028664 | 1 | Hose | |
| 54 | 70028665 | 2 | Hose | |
| 56 | 70028666 | 1 | Hose | |
| 57 | 70028667 | 1 | Hose | |
| 59 | 70028668 | 1 | Hose | |
| 60 | 70028669 | 1 | Hose | |
| 61 | 70028670 | 2 | Hose | |
| 62 | 70028671 | 1 | Hose | |
| 111 | 70026481 | 24 | Clamp, Hose | |
| 112 | 70026482 | 12 | Washer | |
| 113 | 70028672 | 12 | Bolt, M10X20 | |
| 134 | 70028406 | 2 | Capscrew | |
| 136 | 70028767 | 4 | Shim | |
| 141 | 70028768 | 2 | Fitting, Straight | |
| 142 | 70028673 | 2 | Fitting, 45 | |
| 152 | 70028674 | 1 | Hose | |
| 158 | 70028675 | 1 | Hose | |
| 163 | 70028676 | 1 | Pipe | |
| 167 | 70028677 | 1 | Pipe | |
| 203 | N.S.S. | 1 | Plate, Serial Number | |

# SECTION 3 - ATTACHMENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 205 | N.S.S. | 1 | Plate, Name | |
| 210 | 70028678 | 8 | Bolt | |
| 225 | 70028679 | 2 | Retainer | |
| 233 | 70028680 | 6 | Nut, M8 | |
| 238 | N.S.S. | 1 | Valve | |
| 239 | 70028267 | 4 | Fitting, Straight | |
| 240 | 70024130 | 4 | Fitting, Straight | |
| 243 | 70024721 | 8 | Washer, M8 | |
| 244 | 70028681 | 2 | Bolt, M8X90 | |
| 245 | N.S.S. | 1 | Valve, Relief | |
| 246 | 70028682 | 2 | Bolt, M8X60 | |
| 247 | 70028683 | 2 | Fitting, Straight | |
| 248 | 70028684 | 2 | Fitting, Straight | |
| 249 | 70028685 | 1 | Hose | |
| 255 | 70028686 | 1 | Hose | |
| 264 | 70028687 | 1 | Clamp | |
| 265 | 70028688 | 1 | Cover | |
| 266 | 70028689 | 1 | Bolt, M8X35 | |
| 268 | 70022938 | 4 | Fitting, Straight | |
| 269 | 1001227670 | 1 | Tag, RFID | |
| 270 | 70028690 | 2 | Bolt, M4X16 | |
| 501 | N.S.S. | 1 | Valve, Relief | |
| 502 | 70024772 | 2 | Valve, Cartridge | |
| 601 | N.S.S. | 1 | Valve, Sequence | |
| 602 | 70028695 | 2 | Valve, Cartridge | |
| 701 | 8420055 | 1 | Plug, Dust | |
| 702 | 8420053 | 1 | Plug, Cap | |
| 703 | 1001101041 | 1 | Adapter, Male Quick Disconnect | |
| 704 | 1001101042 | 1 | Adapter, Female Quick Disconnect | |
| 706 | 70028696 | 1 | Hose | |
| 707 | 70028697 | 1 | Hose | |

## FIGURE 3-30. CARRIAGE ASSEMBLY - STEEL COIL HANDLER CARRIAGE

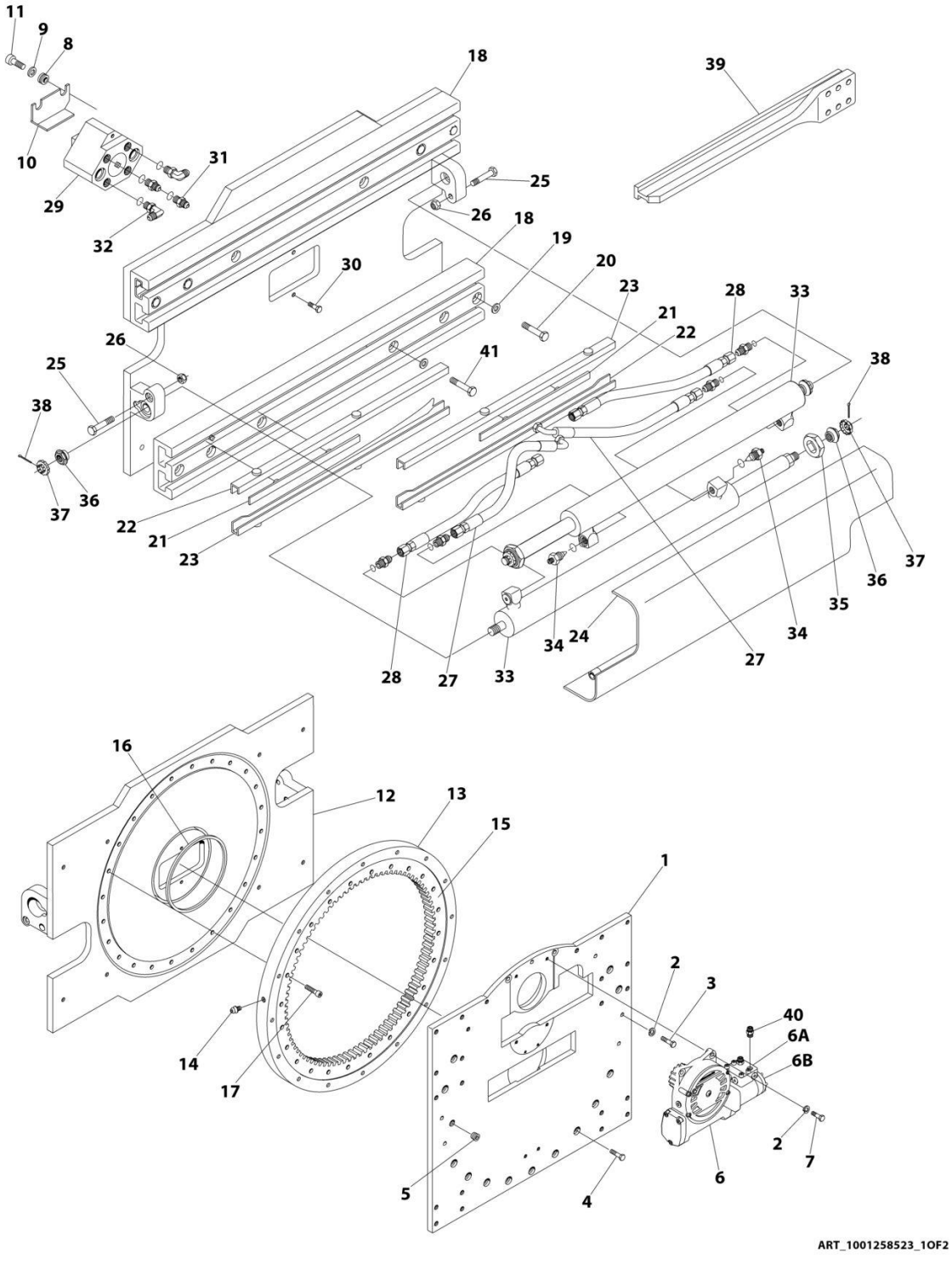


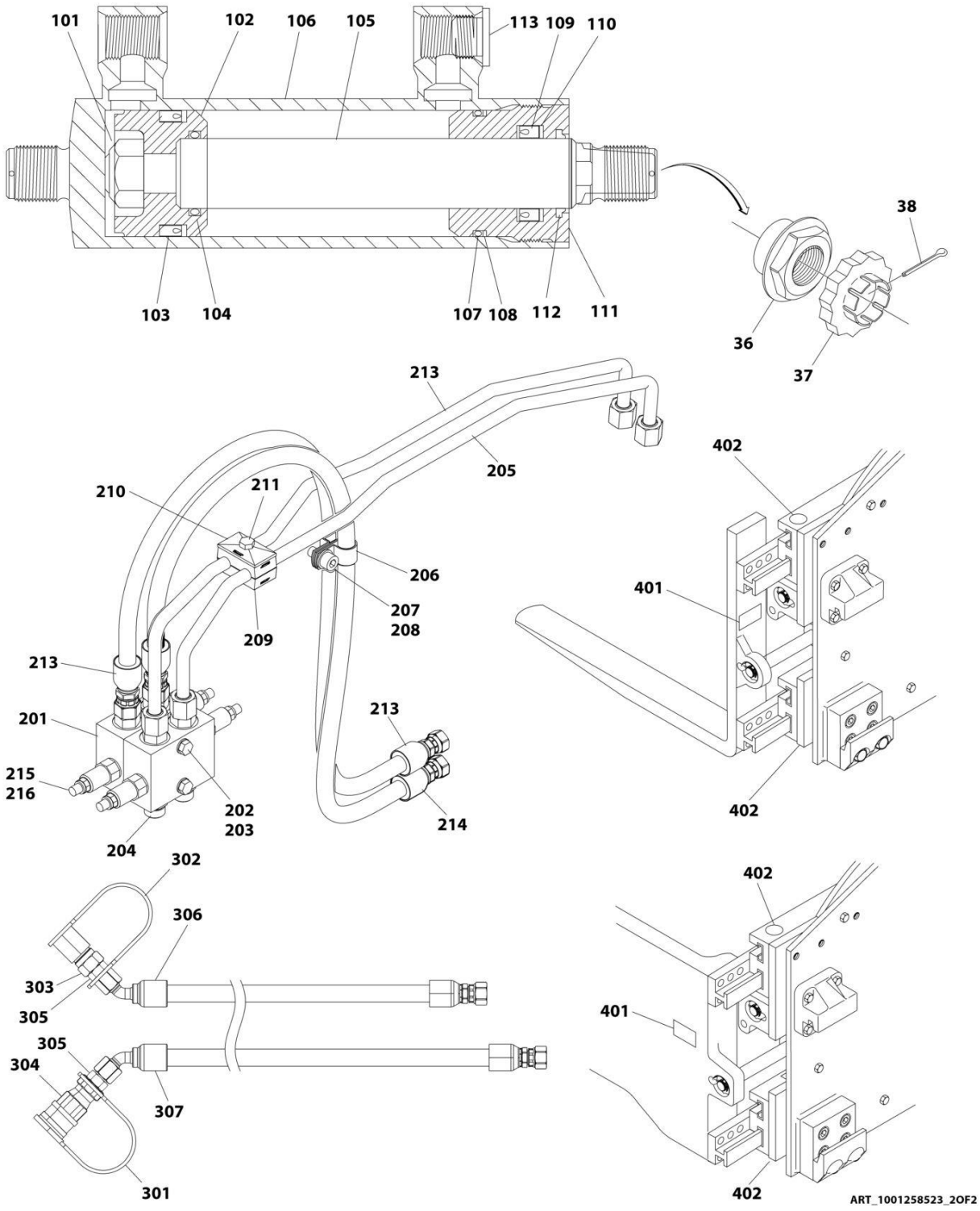

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## FIGURE 3-30. CARRIAGE ASSEMBLY - STEEL COIL HANDLER CARRIAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192735 | 1 | Steel Coil Handler Carriage | G |
| 1 | N.S.S. | 1 | Plate, Serial Number | |
| 2 | 1001227670 | 1 | Tag, RFID | |

## FIGURE 3-31. CARRIAGE ASSEMBLY - TIRE HANDLER



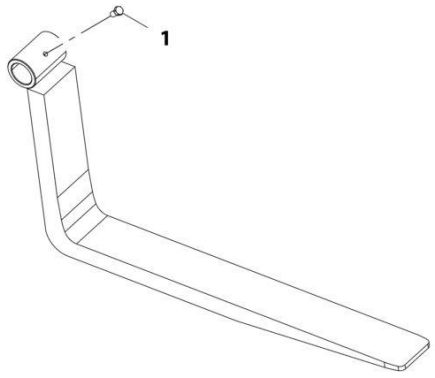

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ART_1001258523_2OF2

## FIGURE 3-31. CARRIAGE ASSEMBLY - TIRE HANDLER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001258523 | Ref | TIRE HANDLER ASSEMBLY | C |
| | | Ref | Base Unit Assembly | |
| 1 | | Ref | Baseplate | |
| 2 | | Ref | Lockwasher 1/2 | |
| 3 | | Ref | Capscrew 1/2 NC x 1-3/4 G8 | |
| 4 | | Ref | Capscrew 1/2 NC x 1-1/2 G8 | |
| 5 | | Ref | Pipe Plug | |
| 6 | | Ref | Drive Assembly | |
| 6A | 70024731 | 1 | Check Valve Assembly | |
| 6A | 70030105 | 2 | Cartridge, Check Valve | |
| 6A | 70024734 | 2 | Seal Kit - Check Valve | |
| 6B | 70028786 | 1 | Drive Motor Assembly | |
| 6B | 70028114 | 1 | Service Kit - Drive Motor | |
| 7 | | Ref | Capscrew 1/2 NC x 1-1/4 G5 | |
| 8 | | Ref | Grommet | |
| 9 | | Ref | Washer M10 | |
| 10 | | Ref | Bracket | |
| 11 | | Ref | Shoulder Bolt | |
| 12 | | Ref | Faceplate | |
| 13 | | Ref | Bearing Assembly | |
| 14 | | Ref | Grease Fitting | |
| 15 | | Ref | Bearing Seal | |
| 16 | | Ref | Felt Seal | |
| 17 | | Ref | Capscrew 1/2 NC x 1-1/2 G8 | |
| 18 | | Ref | Frame | |
| 19 | | Ref | Washer | |
| 20 | | Ref | Capscrew M20 x 100 | |
| 21 | | Ref | Bearing | |
| 22 | | Ref | Bearing | |
| 23 | | Ref | Bearing | |
| 24 | | Ref | Bumper | |
| 25 | | Ref | Capscrew M12 x 80 | |
| 26 | | Ref | Nut M12 | |
| 27 | | Ref | Hose, 305 mm | |
| 28 | | Ref | Hose, 525 mm | |
| 29 | | Ref | Revolving Connection | |
| 30 | | Ref | Capscrew M8 x 30 | |
| 31 | | Ref | Fitting, 8-6 | |
| 32 | | Ref | Fitting, 8-6 | |
| 33 | 70030106 | 2 | Cylinder Assembly (See Items 101-117 for Breakdown) | |
| 34 | 70028787 | 2 | Restrictor Cartridge | |
| 35 | | Ref | Washer | |
| 36 | See Note | 4 | Cylinder Nut (Note: Use P/N 70028793) | |
| 37 | See Note | 4 | Retainer (Note: Use P/N 70028793) | |
| 38 | See Note | 4 | Cotter Pin (Note: Use P/N 70028793) | |
| 39 | | Ref | Arm Bar | |
| 40 | 70022938 | 2 | Fitting | |
| 41 | | Ref | Capscrew M20 x 95 | |
| | 70030106 | Ref | Cylinder Assembly | |
| 101 | 70026503 | 1 | Nut | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 102 | 70028789 | 1 | Piston | |
| 103 | See Note | NSS | Seal (Note: Use Item 117) | |
| 104 | See Note | NSS | O-Ring (Note: Use Item 117) | |
| 105 | 70030107 | 1 | Rod | |
| 106 | See Note | NSS | Barrel (Note: Use P/N 70030106) | |
| 107 | See Note | NSS | O-Ring (Note: Use Item 117) | |
| 108 | See Note | NSS | Back-Up Ring (Note: Use Item 117) | |
| 109 | See Note | NSS | Seal (Note: Use Item 117) | |
| 110 | See Note | NSS | Nylon Ring (Note: Use Item 117) | |
| 111 | 70028791 | 1 | Retainer | |
| 112 | See Note | NSS | Wiper (Note: Use Item 117) | |
| 113 | 70028119 | 1 | Plug | |
| 117 | 70028792 | 1 | Seal Kit (Includes 103,104,107-110 & 112) | |
| | | Ref | Hydraulics Group | |
| 201 | 70028794 | 2 | Valve, Pressure Control | |
| 202 | 70024721 | 2 | Washer | |
| 203 | 70028681 | 2 | Bolt | |
| 204 | 70022938 | 8 | Fitting | |
| 205 | 70028795 | 1 | Tube | |
| 206 | 70026481 | 2 | Hose Clamp | |
| 207 | 70026482 | 1 | Washer | |
| 208 | 70028672 | 1 | Bolt | |
| 209 | 70028687 | 1 | Clamp Body | |
| 210 | 70028688 | 1 | Cover | |
| 211 | 70028689 | 1 | Bolt | |
| 212 | 70028796 | 1 | Tube | |
| 213 | | Ref | Hose | |
| 214 | | Ref | Hose | |
| 215 | 70024772 | 4 | Cartridge, Pressure Control | |
| 216 | 70028115 | 4 | Seal Kit, Cartridge | |
| | | Ref | Hydraulic Supply Group | |
| 301 | 8420055 | 2 | Plug, Dust | |
| 302 | 8420053 | 2 | Cap, Dust | |
| 303 | 1001101041 | 2 | Quick Disconnect (Male) | |
| 304 | 1001101042 | 2 | Quick Disconnect (Female) | |
| 305 | | Ref | Fitting | |
| 306 | | Ref | Hose | |
| 307 | | Ref | Hose | |
| | | Ref | Decal Group | |
| 401 | 70024538 | 2 | Decal - Pinch Point | |
| 402 | 70024787 | 2 | Decal - No Step | |
| 403 | 70028785 | 1 | Decal - Quick Change Hook (Not Shown) | |

## FIGURE 3-32. FORK - PALLET (2.25X6X48)

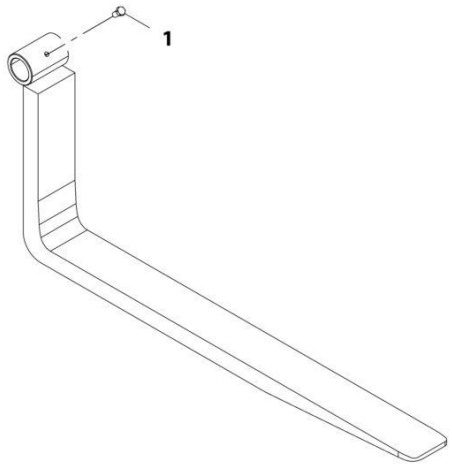



ART_1001196952-B

## FIGURE 3-32. FORK - PALLET (2.25X6X48)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196952 | 1 | Pallet Fork (2.25X6X48) | B |
| 1 | 70027180 | 1 | Screw, M16X30 | |
| | Note | Ref | FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY. | |
| | Note | Ref | PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION. | |

## FIGURE 3-33. FORK - PALLET (2.25X6X60)

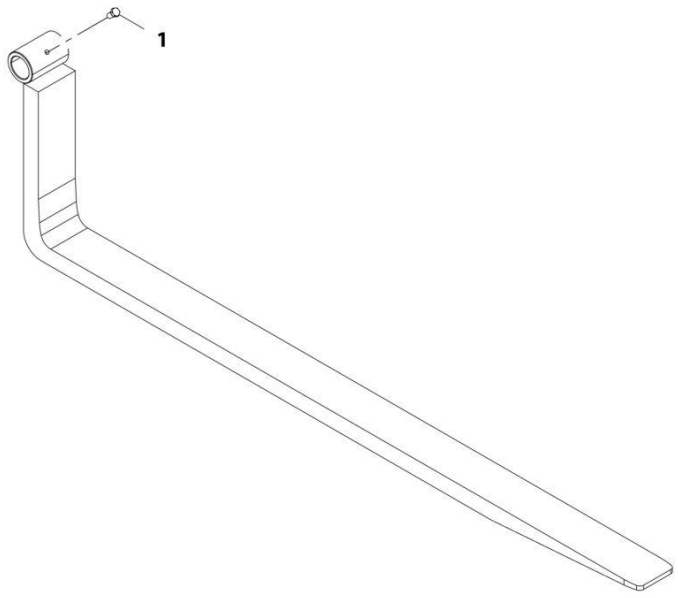



ART_1001196951-B

## FIGURE 3-33. FORK - PALLET (2.25X6X60)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196951 | 1 | Pallet Fork (2.25X6X60) | B |
| 1 | 70027180 | 1 | Screw, M16X30 | |
| | Note | Ref | FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY. | |
| | Note | Ref | PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION. | |

## FIGURE 3-34. FORK - PALLET (2.25X6X72)

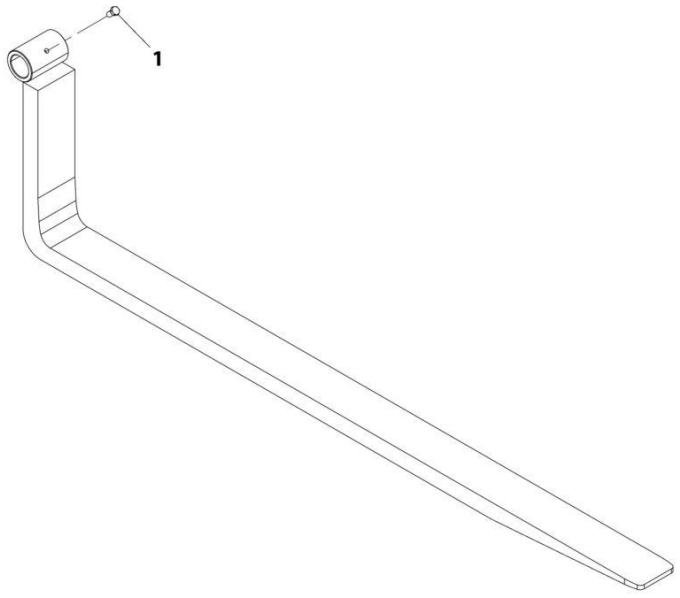



ART_1001196950-B

## FIGURE 3-34. FORK - PALLET (2.25X6X72)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196950 | 1 | Pallet Fork (2.25X6X72) | B |
| 1 | 70027180 | 1 2 | Screw, M16X30 | |
| | Note | Ref | FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY. | |
| | Note | Ref | PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION. | |

## FIGURE 3-35. FORK - PALLET (2.25X6X96)

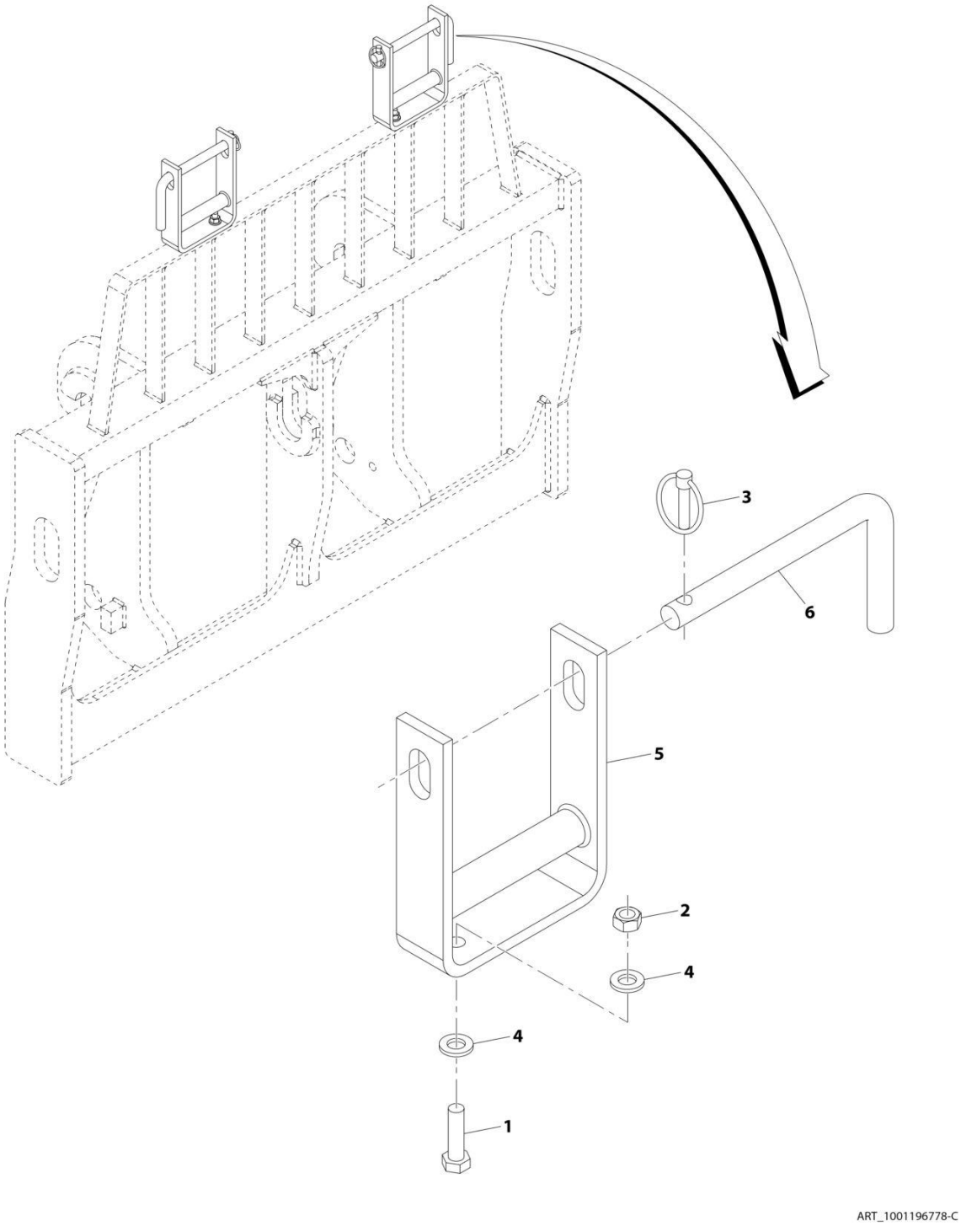



ART_1001196949-B

## FIGURE 3-35. FORK - PALLET (2.25X6X96)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196949 | 1 | Pallet Fork (2.25X6X96) | B |
| 1 | 70027180 | 1 2 | Screw, M16X30 | |
| | Note | Ref | FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY. | |
| | Note | Ref | PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION. | |

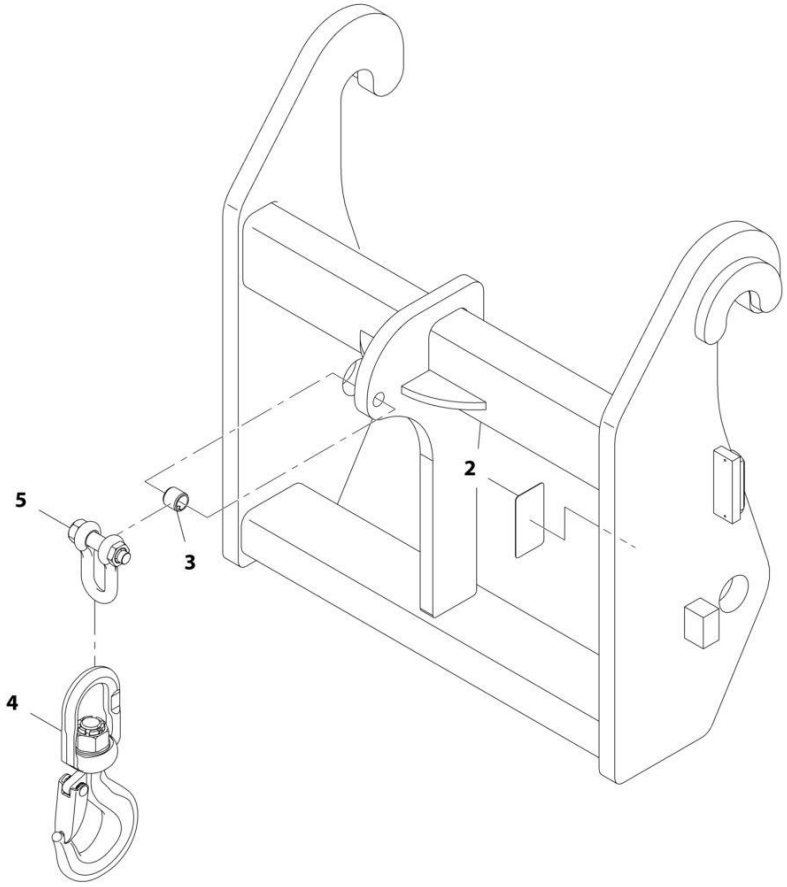
## FIGURE 3-36. FORK RETENTION INSTALLATION



## FIGURE 3-36. FORK RETENTION INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001196778 | Ref | Fork Retention Installation | C |
| 1 | 0761217 | 1 | Bolt, M12X45 | |
| 2 | 3291201 | 1 | Nut, M12X1.75 | |
| 3 | 1001109387 | 1 | Pin, Linch | |
| 4 | 5241200 | 2 | Washer, M12 | |
| 5 | 1001196779 | 1 | Bracket, Fork Retention | |
| 6 | 1001196782 | 1 | Pin, Fork Retention | |

## FIGURE 3-37. HOOK - CRANK (7.6 TON)

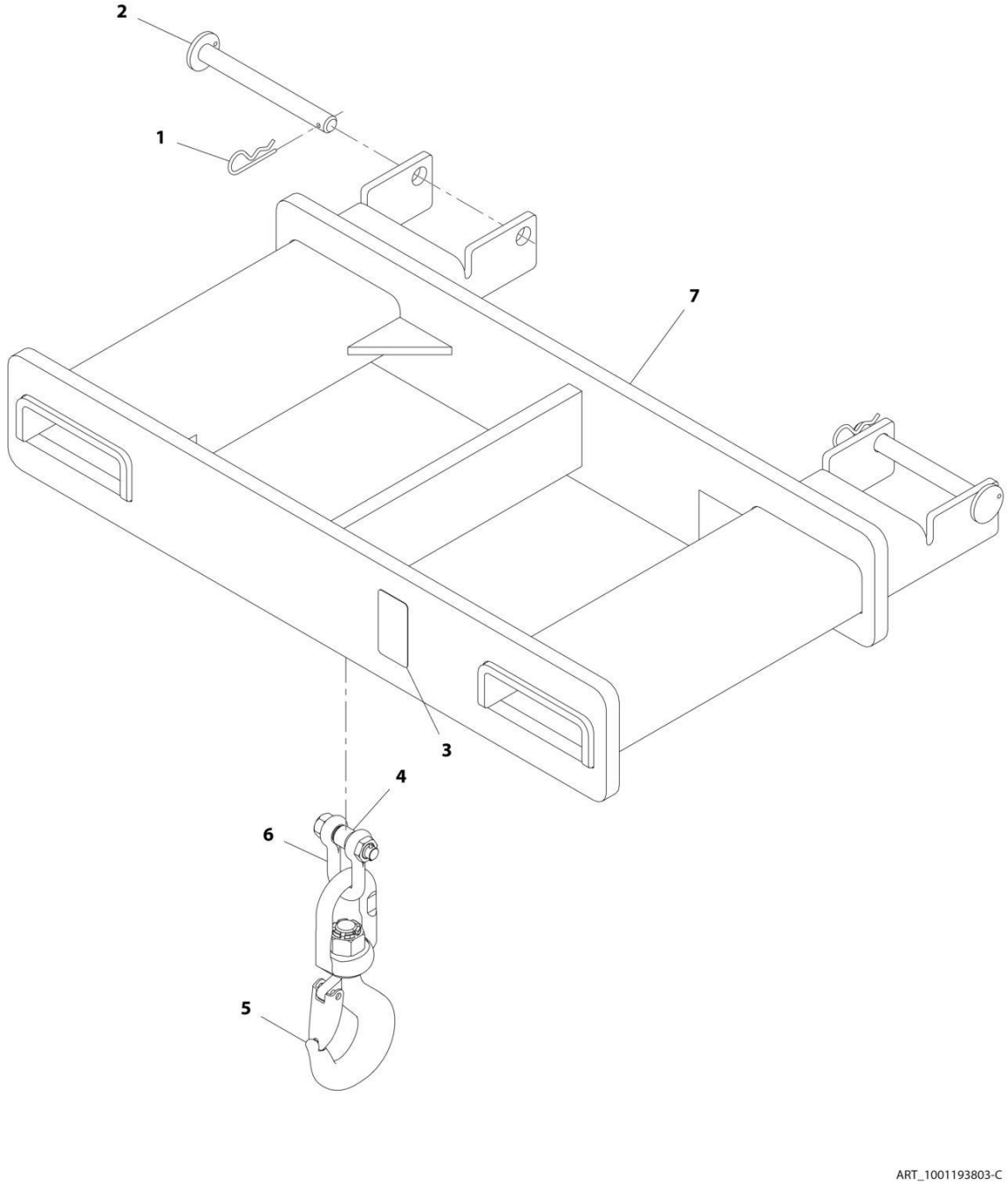



ART_1001192700-E

## FIGURE 3-37. HOOK - CRANK (7.6 TON)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192700 | 1 | Crane Hook (7.6 ton) | F |
| 2 | 90554016 | 1 | Decal, Made in USA | |
| 3 | 70020555 | 1 | Bushing | |
| 4 | 70026745 | 1 | Hook, Swivel | |
| 5 | 70026746 | 1 | Shackle, Chain | |

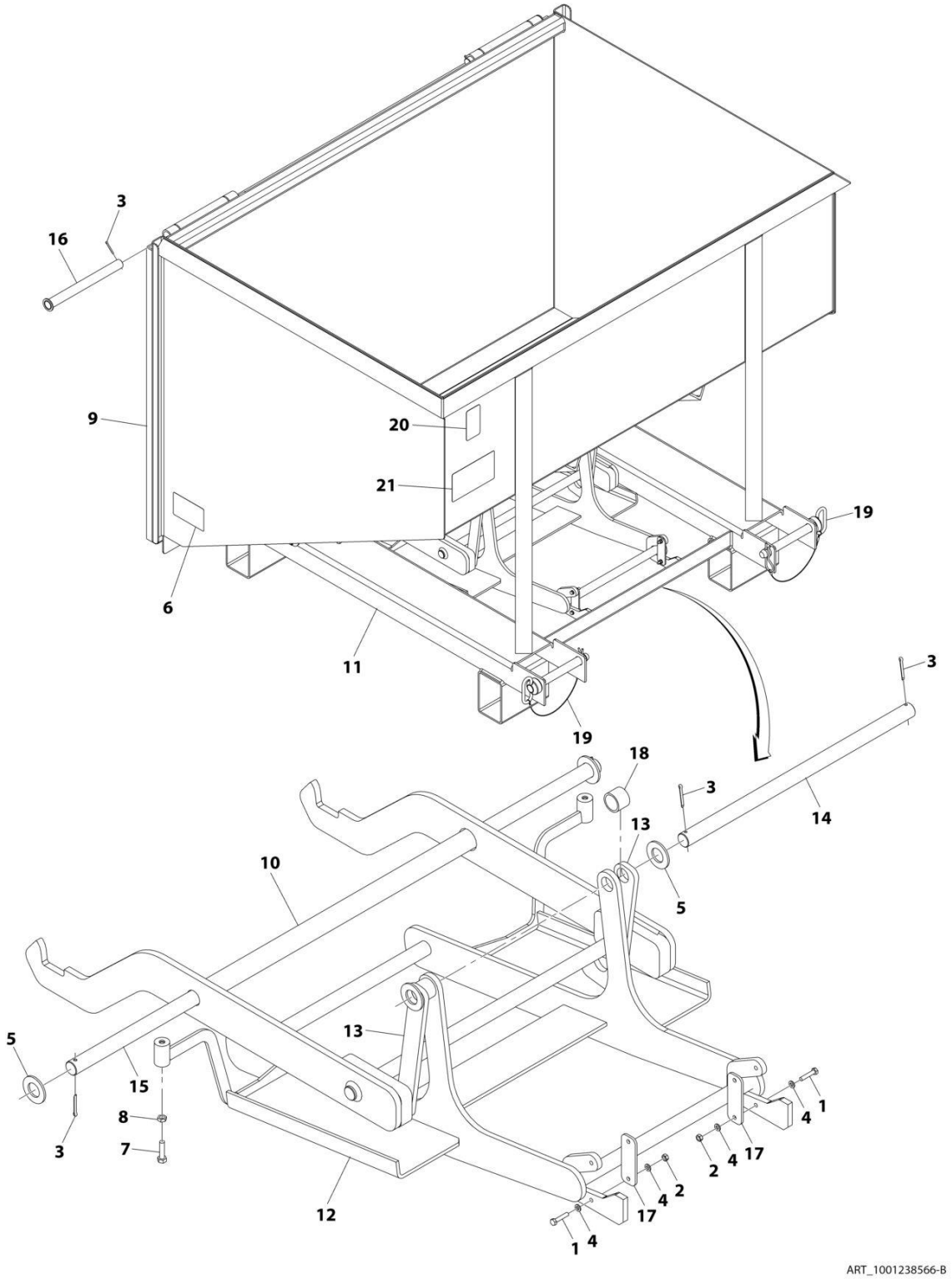
## FIGURE 3-38. HOOK ATTACH - FORK MOUNTED



## FIGURE 3-38. HOOK ATTACH - FORK MOUNTED

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193803 | Ref | Hook Attach, Fork Mounted | D |
| 1 | 7029520 | 2 | Pin, Cotter | |
| 2 | 1001093171 | 2 | Pin | |
| 3 | N.S.S. | 1 | S/N Plate | |
| 4 | 70020555 | 1 | Bushing | |
| 5 | 70026745 | 1 | Hook | |
| 6 | 70026746 | 1 | Shackle, Chain | |
| 7 | N.S.S. | 1 | Weldment, Crane Hook | |

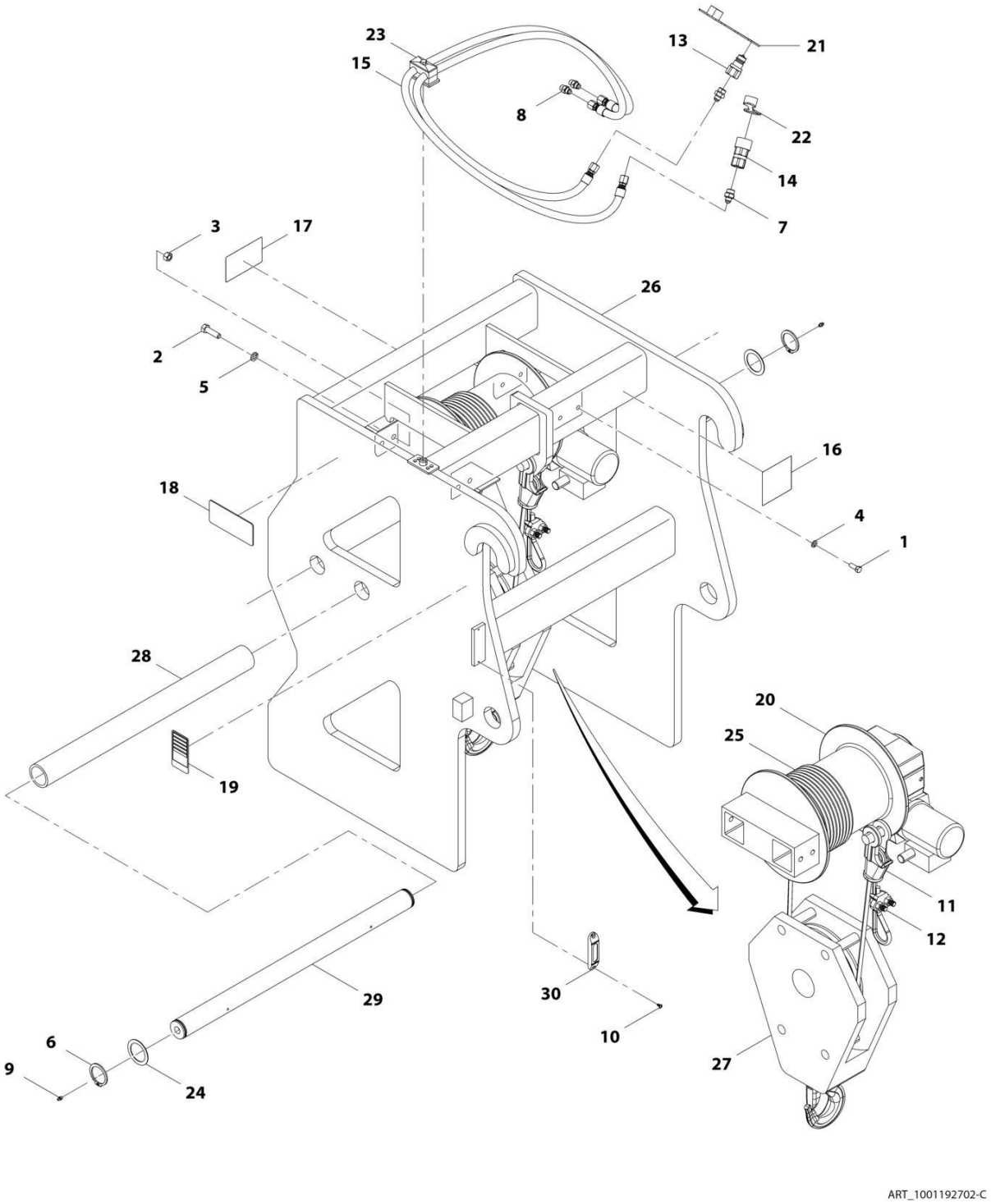
## FIGURE 3-39. HOPPER - TRASH



## FIGURE 3-39. HOPPER - TRASH

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238566 | Ref | FORK MOUNTED TRASH HOPPER | C |
| 1 | 0700614 | 4 | Bolt M6 x 30 | |
| 2 | 3290601 | 4 | Nut M6 x 1 | |
| 3 | 3391410 | 6 | Pin | |
| 4 | 4811700 | 8 | Washer M6 | |
| 5 | 5242400 | 4 | Washer M24 | |
| 6 | 1706302 | 2 | Decal, Pinch Point | |
| 7 | 0641510 | 2 | Bolt 5/16 x 1-1/4 | |
| 8 | 3311502 | 2 | Nut 5/16 | |
| 9 | 1001192711 | 1 | Door Assembly | |
| 10 | 1001192720 | 1 | Hook Assembly | |
| 11 | See Note | NSS | Hopper, Trash (Note: Purchase Complete Assembly) | |
| 12 | 1001192875 | 1 | Tray Assembly | |
| 13 | 1001192876 | 2 | Arm, Swing | |
| 14 | 1001192877 | 1 | Rod, Swing | |
| 15 | 1001238570 | 1 | Bar | |
| 16 | 1001193540 | 2 | Pin | |
| 17 | 1001193729 | 2 | Plate | |
| 18 | 1001198355 | 2 | Spacer | |
| 19 | 1001238560 | 2 | Pin | |
| 20 | See Note | NSS | SN Plate (Note:Stamped Part - Not Available for Purchase) | |
| 21 | 1001203503 | 1 | Decal, Trash Hopper Operation | |

## FIGURE 3-40. WINCH - COUPLER MOUNTED



## FIGURE 3-40. WINCH - COUPLER MOUNTED

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192702 | Ref | Coupler Mounted Winch | D |
| 1 | 70021349 | 4 | Bolt, 3/8X1 | |
| 2 | 70024059 | 4 | Bolt, 1/2X1-3/4 | |
| 3 | 90554054 | 4 | Nut, 1/2 | |
| 4 | 90554042 | 4 | Washer, Lock 3/8 | |
| 5 | 90554020 | 4 | Washer, Lock 1/2 | |
| 6 | 70028860 | 4 | Ring, Snap | |
| 7 | 70021397 | 2 | Fitting, Straight | |
| 8 | 70021415 | 2 | Fitting, Straight | |
| 9 | 90554045 | 4 | Grease, Fitting | |
| 10 | 70028554 | 2 | Screw | |
| 11 | 70021979 | 1 | Assembly, Socket (includes pin and cotter pin) | |
| 12 | 70022528 | 1 | Clamp | |
| 13 | 91403414 | 1 | Adapter, Male Quick Disconnect | |
| 14 | 91403413 | 1 | Adapter, Female Quick Disconnect | |
| 15 | 70028861 | 2 | Hose | |
| 16 | 7029711 | 1 | Decal, High Pressure | |
| 17 | 70024064 | 1 | Decal, Do Not Tow | |
| 18 | 4110422 | 2 | Decal, Warning Swinging Loads | |
| 19 | N.S.S. | 1 | Plate, Serial Number | |
| 20 | 70028862 | 1 | Winch | |
| 21 | 8420053 | 1 | Cap, Dust | |
| 22 | 8420055 | 1 | Cap, Dust | |
| 23 | 70021387 | 1 | Clamp, Hose | |
| 24 | 70028863 | 4 | Washer | |
| 25 | 70028864 | 1 | Cable | |
| 26 | N.S.S. | 1 | Weldment, Frame | |
| 27 | 70028865 | 1 | Hook | |
| 28 | 70028866 | 2 | Roller Tube, Winch | |
| 29 | 70028867 | 2 | Roller Bar, Winch | |
| 30 | 1001227670 | 1 | Tag, RFID | |

# SECTION 4 - ENGINE AND ATTACHING PARTS

## FIGURE 4-1. ENGINE POD COMPONENT INSTALLATION (ULS)

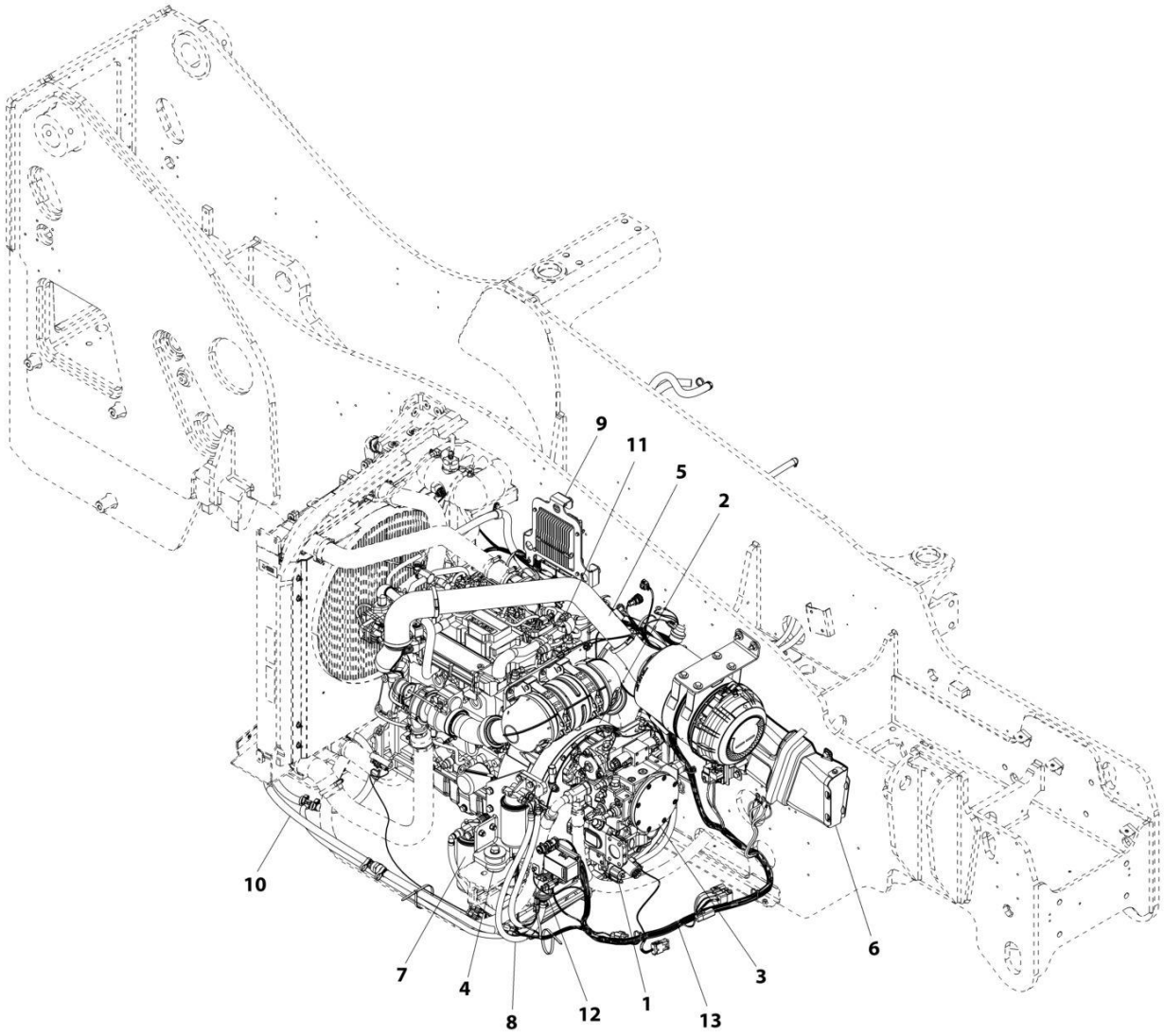



ART_1001200443-D

## FIGURE 4-1. ENGINE POD COMPONENT INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200443 | Ref | Engine Pod Component Installation (ULS) | E |
| 2 | 1001221041 | 1 | Installation, Remote Fuel Pump (See Separate Breakdown in this Section) | |
| 4 | 1001193393 | 1 | Installation, Implement Pump (See Separate Breakdown in this Section) | |
| 5 | 1001193703 | 1 | Installation, Hydrostatic Adaptor (See Separate Breakdown in this Section) | |
| 6 | 1001193704 | 1 | Installation, Hydrostatic Drive Pump (See Separate Breakdown in this Section) | |
| 7 | 1001200106 | 1 | Installation, Engine Wiring (See Separate Breakdown in ELECTRICAL Section) | |
| 8 | 1001200862 | 1 | Installation, Engine Mount (See Separate Breakdown in this Section) | |
| 9 | 1001200863 | 1 | Installation, Air Intake (See Separate Breakdown in this Section) | |
| 10 | 1001200864 | 1 | Installation, Air Cleaner (See Separate Breakdown in this Section) | |
| 11 | 1001200865 | 1 | Installation, Primary Fuel Filter (See Separate Breakdown in this Section) | |
| 12 | 1001200866 | 1 | Installation, Fuel Lines (See Separate Breakdown in this Section) | |
| 13 | 1001284538 | 1 | Installation, Engine ECU (See Separate Breakdown in ELECTRICAL Section) | |
| 14 | 1001293070 | 1 | Installation, DEF Coolant Lines (See Separate Breakdown in this Section) | |
| 15 | 1001201425 | 1 | Installation, Engine (See Separate Breakdown in this Section) | |

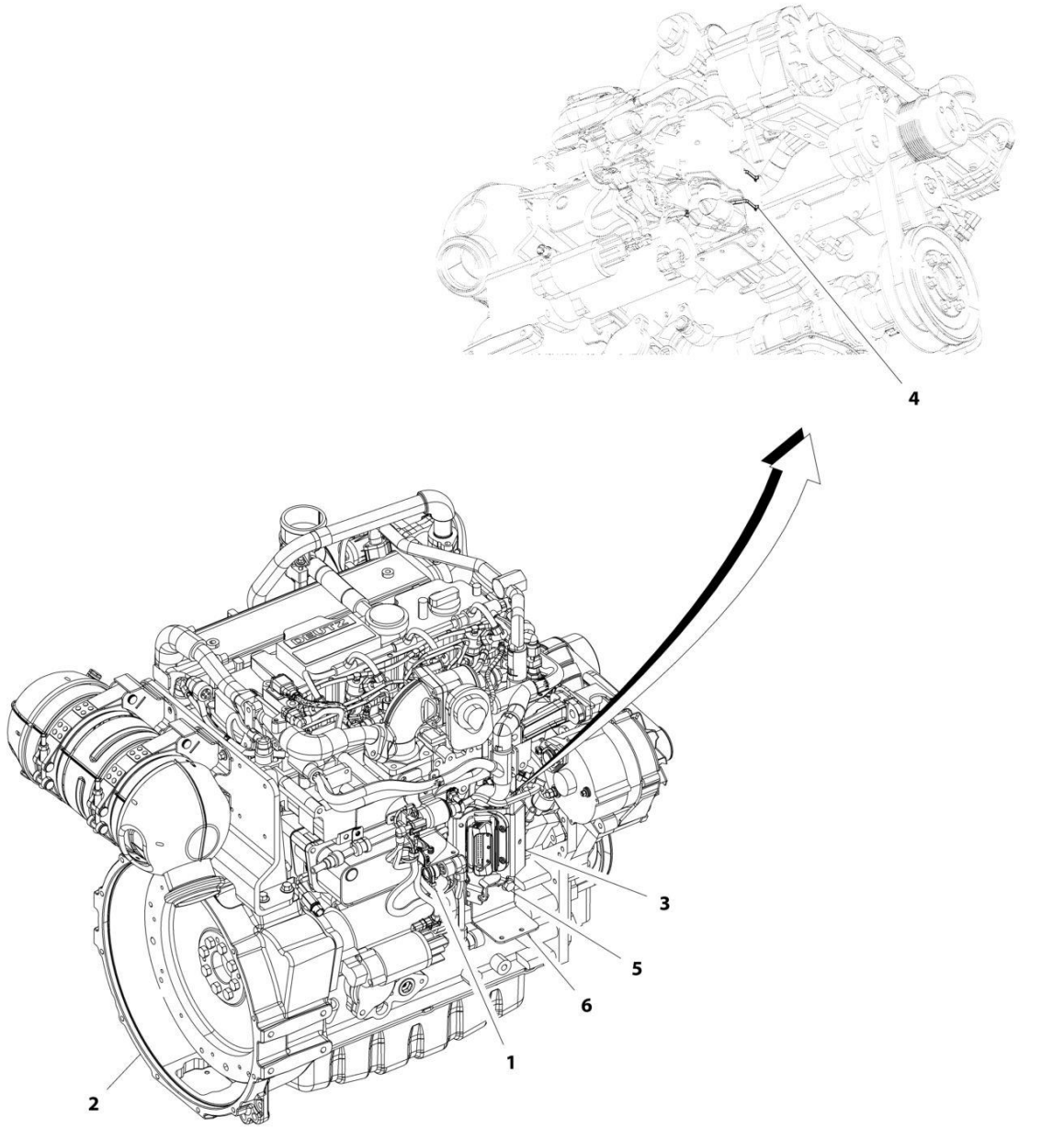
## FIGURE 4-2. ENGINE POD COMPONENT INSTALLATION (MINING) (ULS)



## FIGURE 4-2. ENGINE POD COMPONENT INSTALLATION (MINING) (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228727 | Ref | Engine Pod Component Installation (Mining) (ULS) | B |
| 1 | 1001193393 | 1 | Installation, Implement Pump (See Separate Breakdown in this Section) | |
| 2 | 1001193703 | 1 | Installation, Hydrostatic Adaptor (See Separate Breakdown in this Section) | |
| 3 | 1001193704 | 1 | Installation, Hydrostatic Drive Pump (See Separate Breakdown in this Section) | |
| 4 | 1001200862 | 1 | Installation, Engine Mount (See Separate Breakdown in this Section) | |
| 5 | 1001200863 | 1 | Installation, Air Intake (See Separate Breakdown in this Section) | |
| 6 | 1001200864 | 1 | Installation, Air Cleaner (See Separate Breakdown in this Section) | |
| 7 | 1001200865 | 1 | Installation, Primary Fuel Filter (See Separate Breakdown in this Section) | |
| 8 | 1001200866 | 1 | Installation, Fuel Lines (See Separate Breakdown in this Section) | |
| 9 | 1001284538 | 1 | Installation, Engine ECU (See Separate Breakdown in ELECTRICAL Section) | |
| 10 | 1001293070 | 1 | Installation, DEF Coolant Lines (See Separate Breakdown in this Section) | |
| 11 | 1001201425 | 1 | Installation, Engine (See Separate Breakdown in this Section) | |
| 12 | 1001221041 | 1 | Installation, Remote Fuel Pump (See Separate Breakdown in this Section) | |
| 13 | 1001228728 | 1 | Installation, Engine Wiring (See Separate Breakdown in ELECTRICAL Section) | |

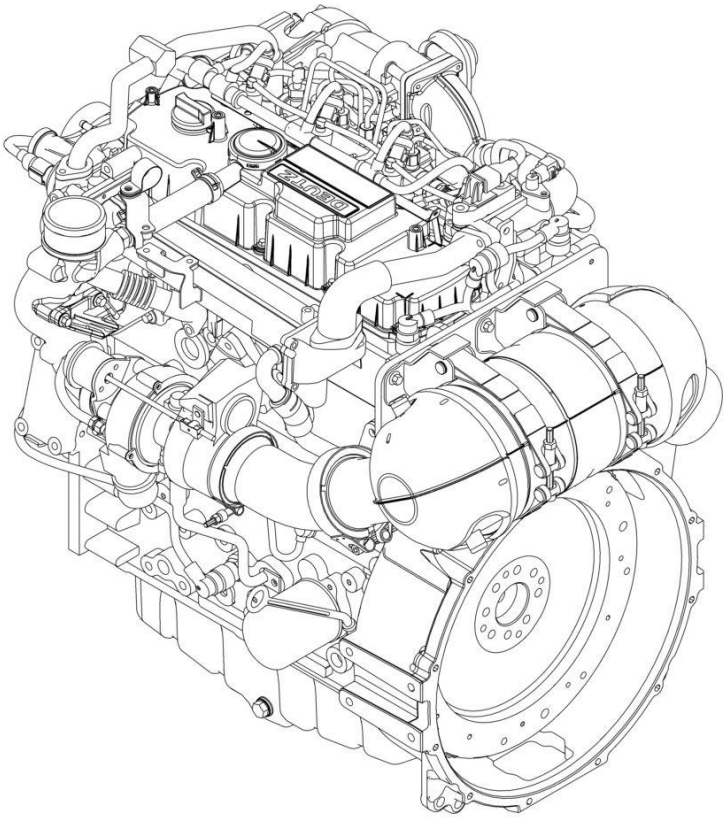
## FIGURE 4-3. ENGINE INSTALLATION (ULS)



## FIGURE 4-3. ENGINE INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201425 | Ref | Engine Installation (ULS) | F |
| 1 | 1001004720 | 4 | Strap, Cable | |
| 2 | 1001284531 | 1 | Engine (See Separate breakdown in this Section) | |
| 3 | 1001202901 | 1 | Bracket, ECU Connector | |
| 4 | 1001008559 | 2 | Strap, Cable | |
| 5 | 5251012 | 2 | Bolt, M10X25 | |
| 6 | 1001222460 | 1 | Bracket, Fuel Supply | |

## FIGURE 4-4. ENGINE (100KW - ULS)

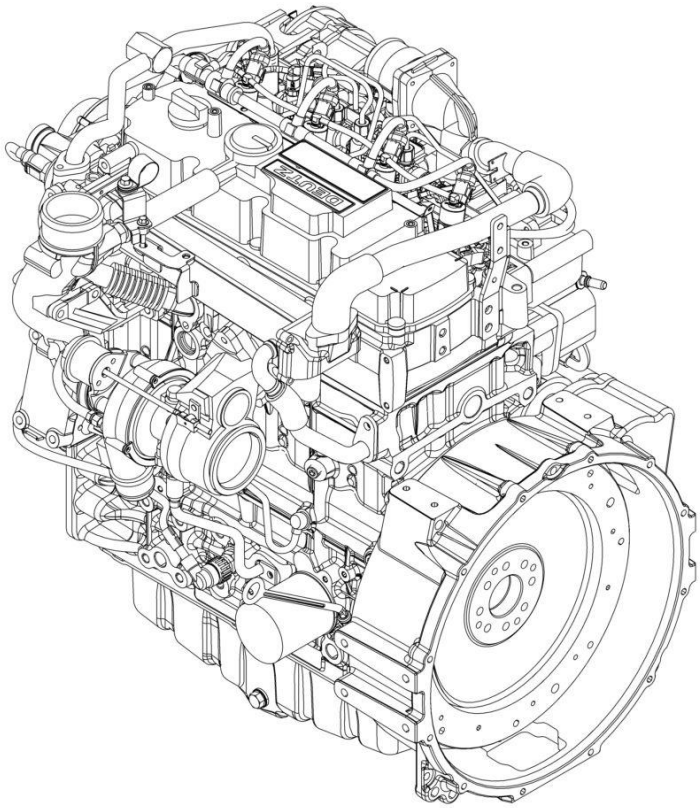


ART_1001284531

## FIGURE 4-4. ENGINE (100KW - ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001284531 | Ref | ENGINE (100KW - ULS) | C |
| | | Ref | Note: No Service Parts Available at Time of Printing | |

**FIGURE 4-5. ENGINE (100KW - LS)**

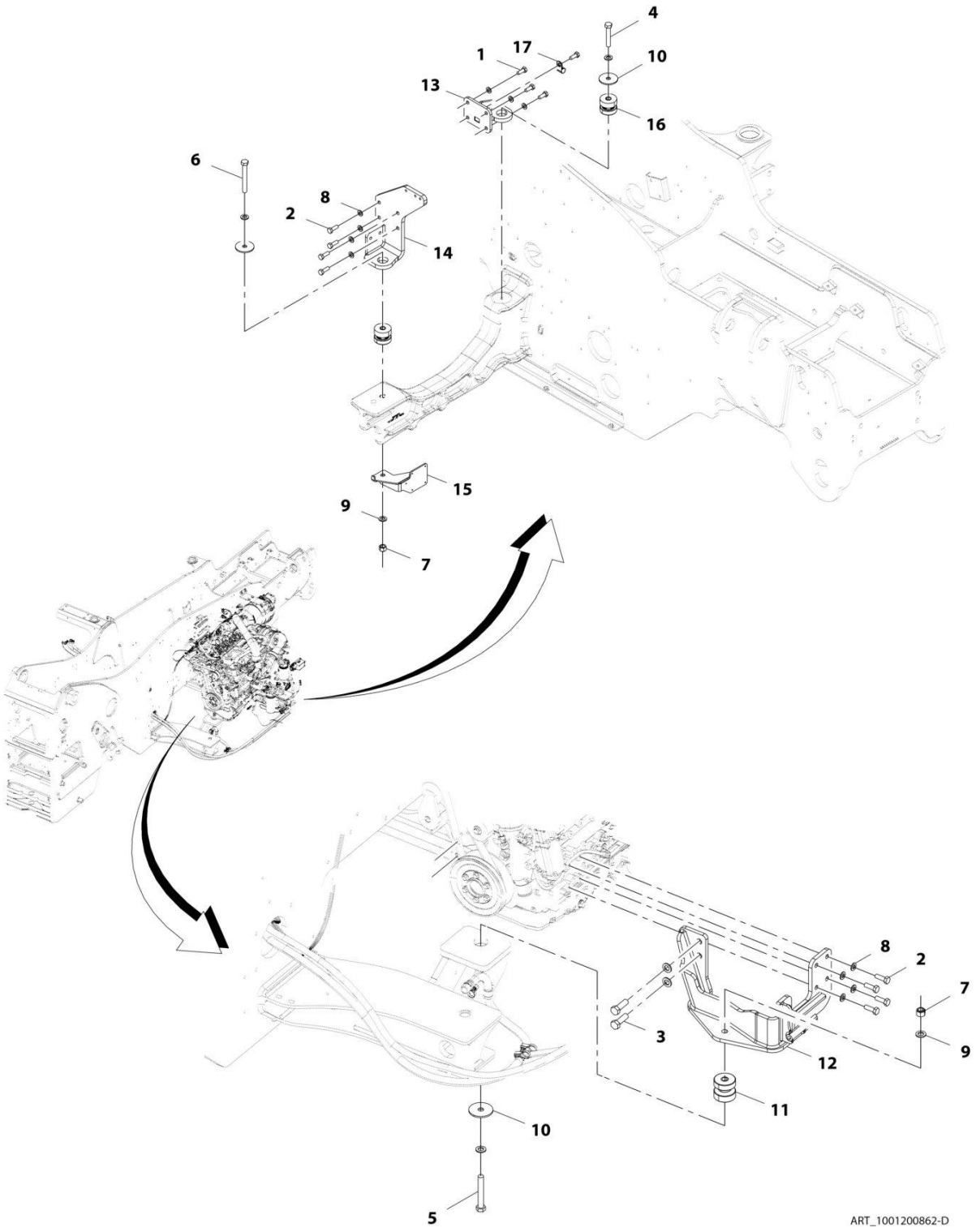


ART_1001284532

## FIGURE 4-5. ENGINE (100KW - LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001284532 | Ref | ENGINE (100KW - LS) | A |
| | | Ref | Note: No Service Parts Available at Time of Printing | |

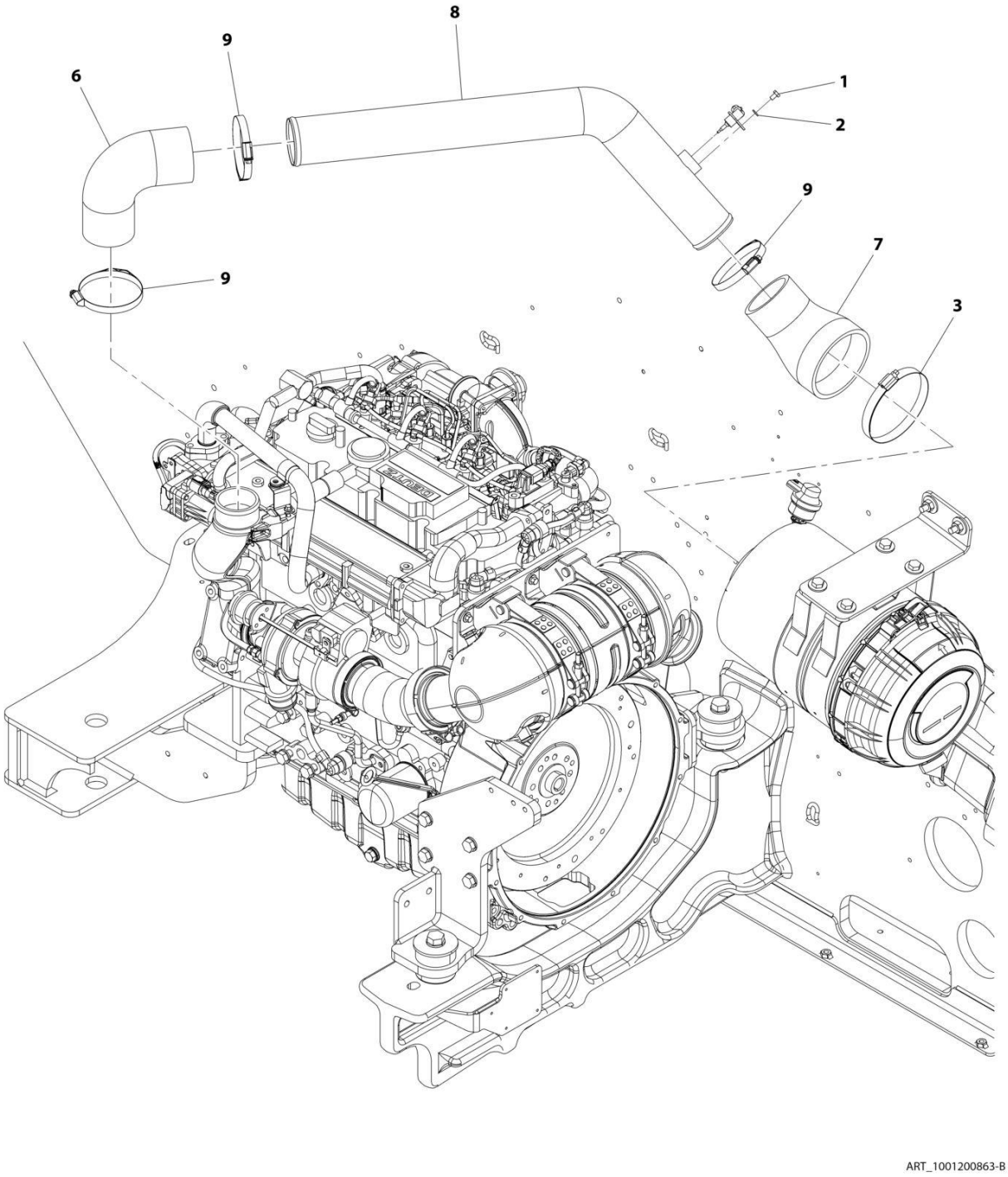
## FIGURE 4-6. ENGINE MOUNT INSTALLATION



## FIGURE 4-6. ENGINE MOUNT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200862 | Ref | Engine Mount Installation | D |
| 1 | 0761214 | 4 | Bolt, M12X30 | |
| 2 | 0761215 | 8 | Bolt, M12X35 | |
| 3 | 0701618 | 2 | Bolt M16 X 50 | |
| 4 | 0701626 | 1 | Bolt, M16X90 | |
| 5 | 0701628 | 1 | Bolt, M16X110 | |
| 6 | 0701630 | 1 | Bolt, M16X130 | |
| 7 | 3291605 | 2 | Nut, Lock M16X2 | |
| 8 | 4812100 | 11 | Washer, M12 | |
| 9 | 4812300 | 7 | Washer, M16 | |
| 10 | 7300435 | 3 | Washer | |
| 11 | 1001188757 | 1 | Mount, Engine | |
| 12 | 1001200871 | 1 | Bracket, Engine Mount | |
| 13 | 1001200872 | 1 | Bracket, Engine Mount | |
| 14 | 1001200873 | 1 | Bracket, Engine Mount | |
| 15 | 1001200874 | 1 | Bracket, Fuel Pump | |
| 16 | 1001197072 | 2 | Mount, Engine | |
| 17 | 8406105 | 1 | Clip, Tube | |

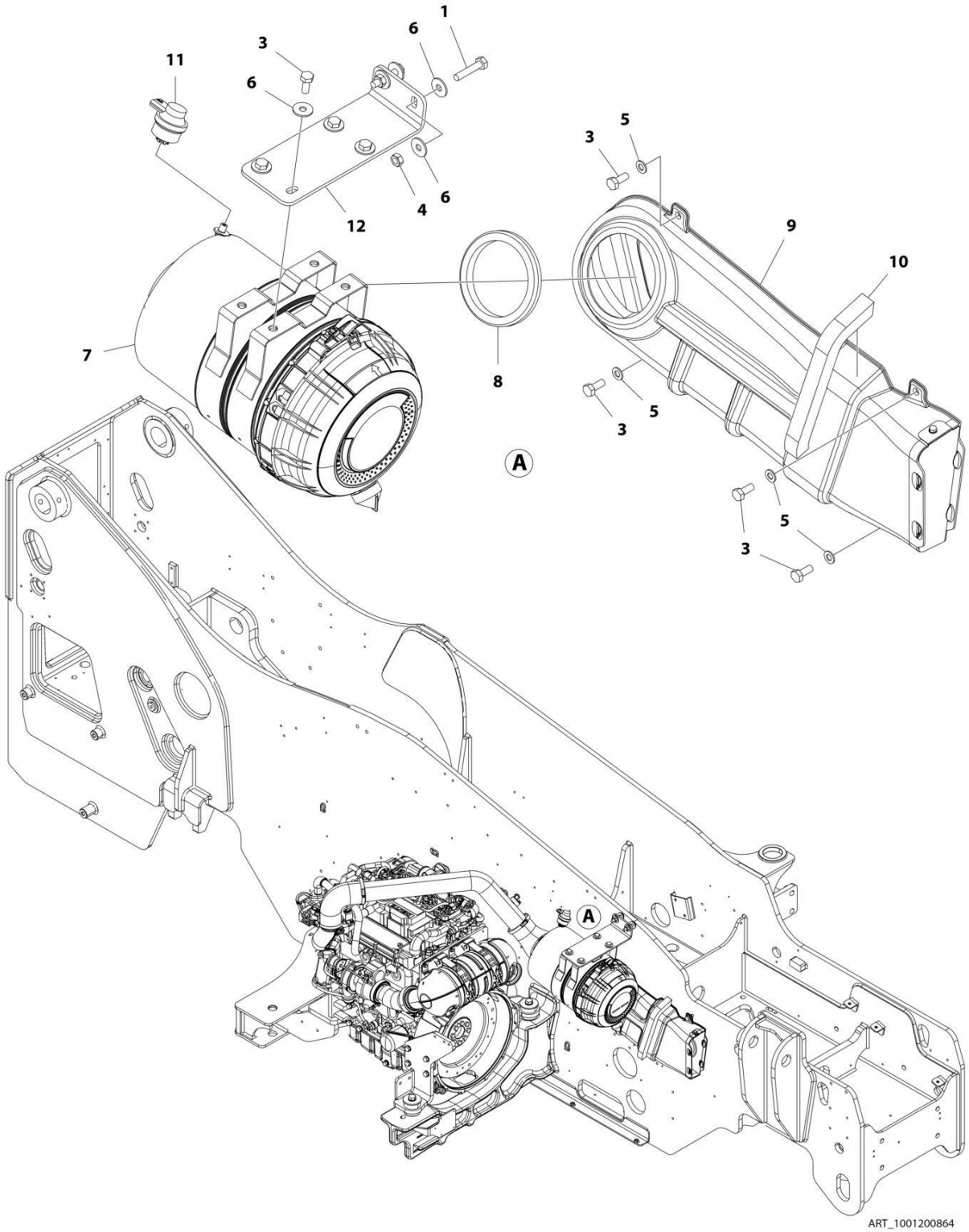
## FIGURE 4-7. AIR INTAKE INSTALLATION (ULS)



## FIGURE 4-7. AIR INTAKE INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200863 | Ref | Air Intake Installation (ULS) | B |
| 1 | 0760605 | 1 | Bolt, M6X10 | |
| 2 | 4811700 | 1 | Washer, M6 | |
| 3 | 8405402 | 1 | Clamp | |
| 6 | 1001182881 | 1 | Hose | |
| 7 | 1001200885 | 1 | Hose | |
| 8 | 1001200886 | 1 | Tube | |
| 9 | 1001226523 | 3 | Clamp | |

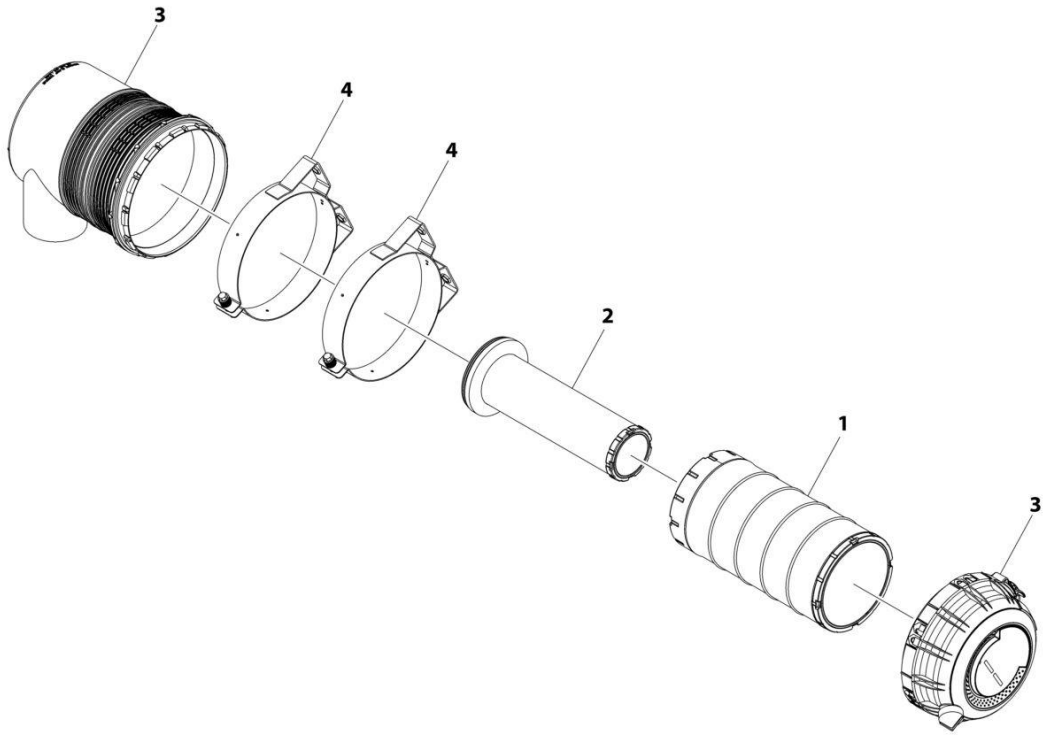
## FIGURE 4-8. AIR CLEANER INSTALLATION



## FIGURE 4-8. AIR CLEANER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200864 | Ref | AIR CLEANER INSTALLATION | D |
| 1 | 0701018 | 2 | Bolt M10 x 50 | |
| 3 | 0761012 | 8 | Bolt M10 x 25 | |
| 4 | 3291001 | 2 | Nut M10 x 1.5 | |
| 5 | 4812000 | 4 | Washer M10 | |
| 6 | 4812002 | 8 | Washer M10 | |
| 7 | 1001166565 | 1 | Filter, Air Cleaner (See Separate Breakdown in this Section) | |
| 8 | 1001183831 | 1 | Grommet | |
| 9 | 1001183835 | 1 | Air Intake Duct Installation (See Separate Breakdown in this Section) | |
| 10 | 1001186898 | 1 | Seal | |
| 11 | 1001166715 | 1 | Indicator | |
| 12 | 1001194534 | 1 | Bracket, Air Cleaner Mount | |

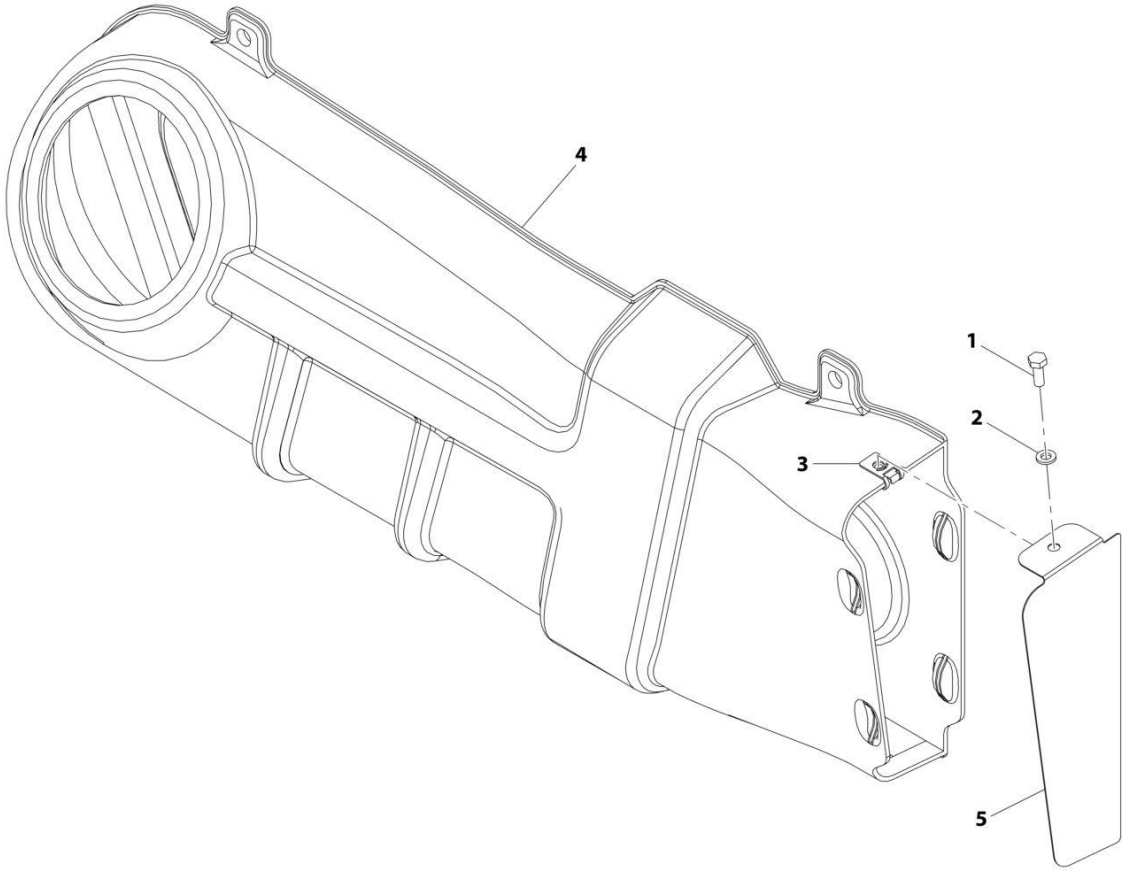
## FIGURE 4-9. AIR CLEANER ASSEMBLY



## FIGURE 4-9. AIR CLEANER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166565 | Ref | AIR FILTER ASSEMBLY (90/100KW) | F |
| 1 | 70025850 | 1 | Filter, Cylindrical Air Primary | |
| 2 | 70025851 | 1 | Filter, Cylindrical Air Secondary | |
| 3 | 70026395 | 1 | Cover | |
| 4 | 70026396 | 2 | Bracket | |

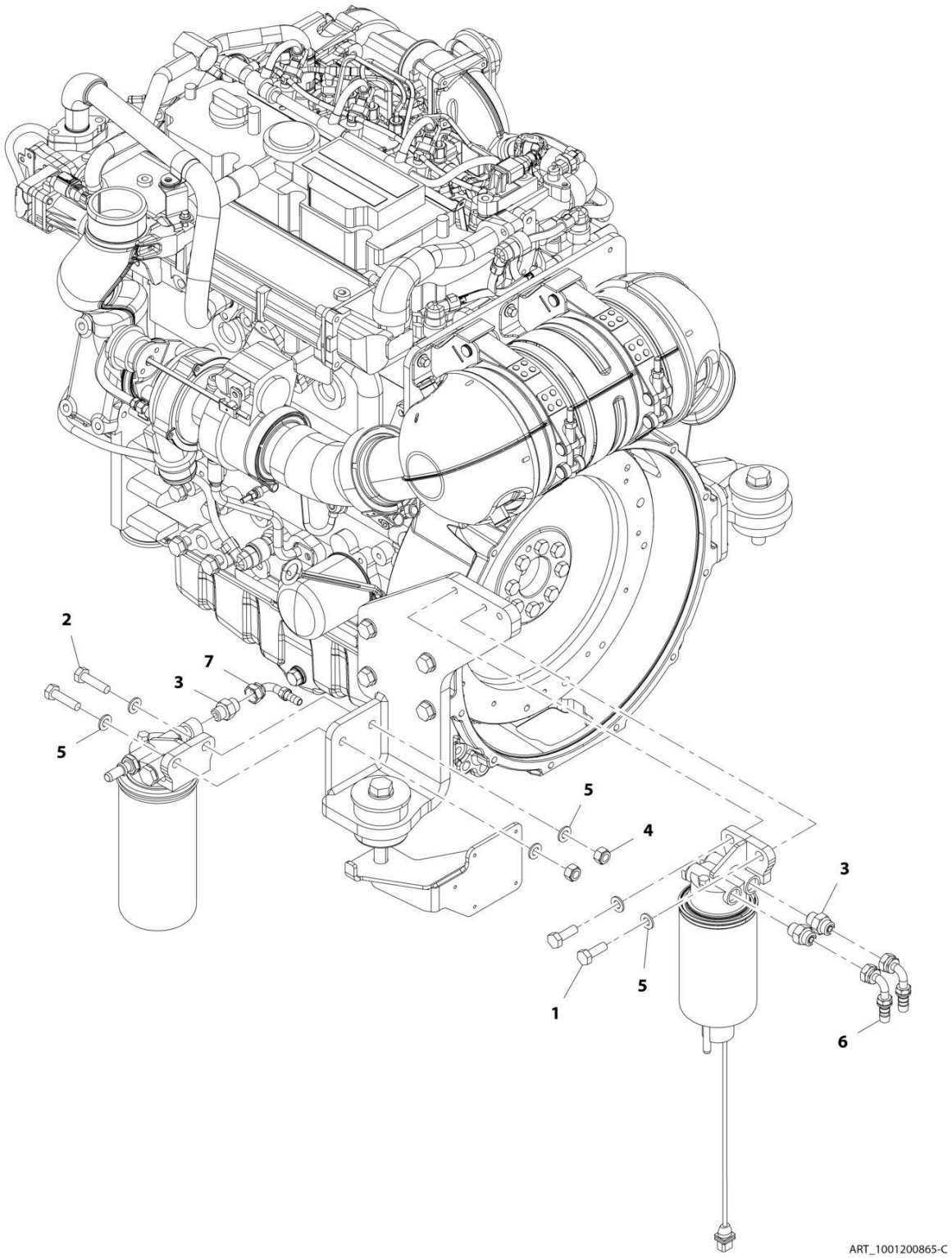
## FIGURE 4-10. AIR INTAKE DUCT INSTALLATION



## FIGURE 4-10. AIR INTAKE DUCT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183835 | Ref | Air Intake Duct Installation | C |
| 1 | 0760608 | 1 | Bolt, M6X16 | |
| 2 | 4811702 | 1 | Washer, M6 | |
| 3 | 8305919 | 1 | Nut | |
| 4 | 1001183827 | 1 | Duct | |
| 5 | 1001183829 | 1 | Plate | |

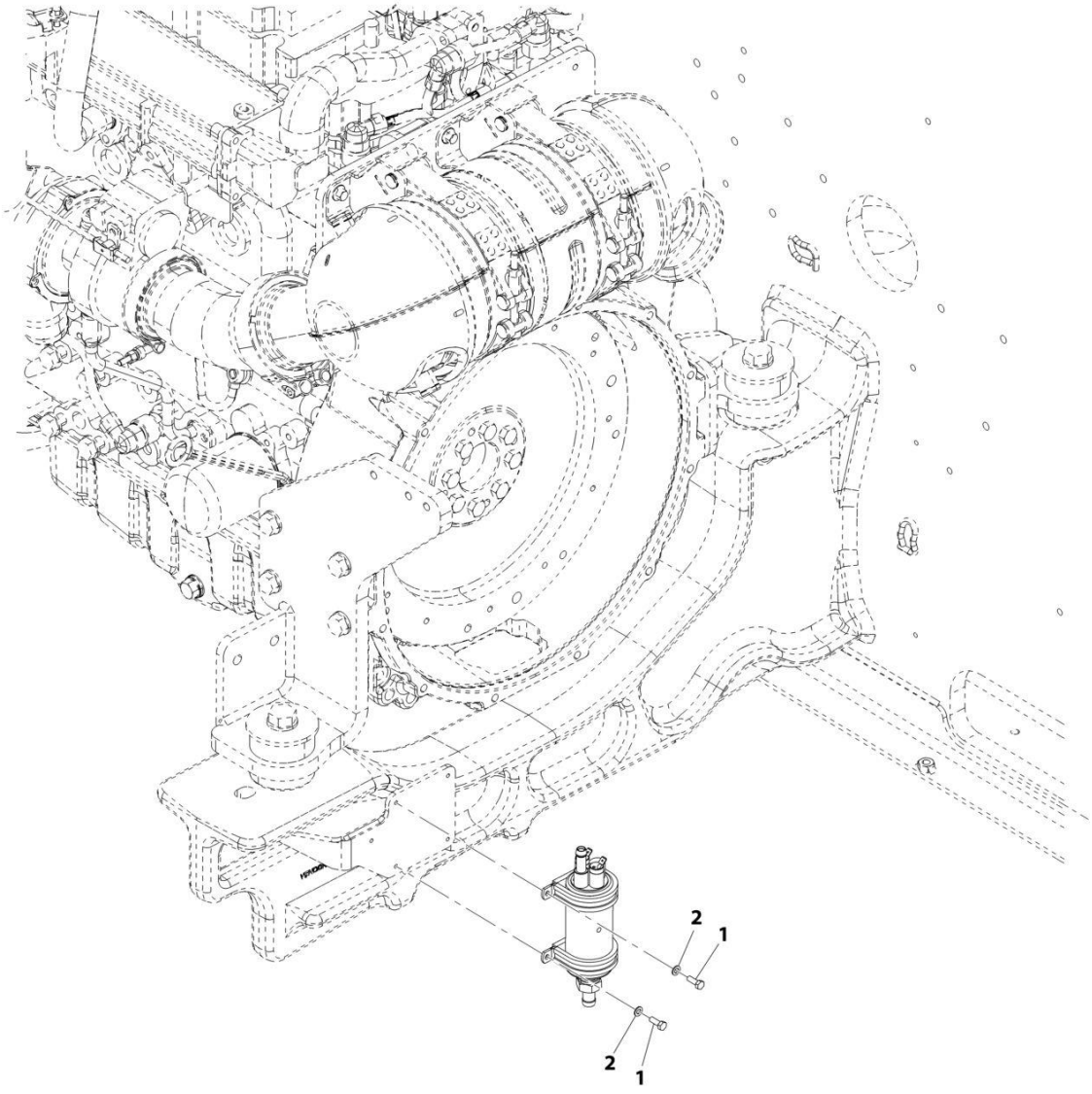
## FIGURE 4-11. PRIMARY FUEL FILTER INSTALLATION (ULS)



## FIGURE 4-11. PRIMARY FUEL FILTER INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200865 | Ref | Primary Fuel Filter Installation | C |
| 1 | 0701014 | 2 | Bolt, M10X30 | |
| 2 | 0701016 | 2 | Bolt, M10X40 | |
| 3 | 2144606 | 3 | Fitting, Straight ORFS | |
| 4 | 3291005 | 2 | Nut, Lock M10X1.5 | |
| 5 | 4812000 | 6 | Washer, M10 | |
| 6 | 1001095301 | 2 | Fitting, 90 ORFS | |
| 7 | 1001133793 | 1 | Fitting, 90 ORFS | |

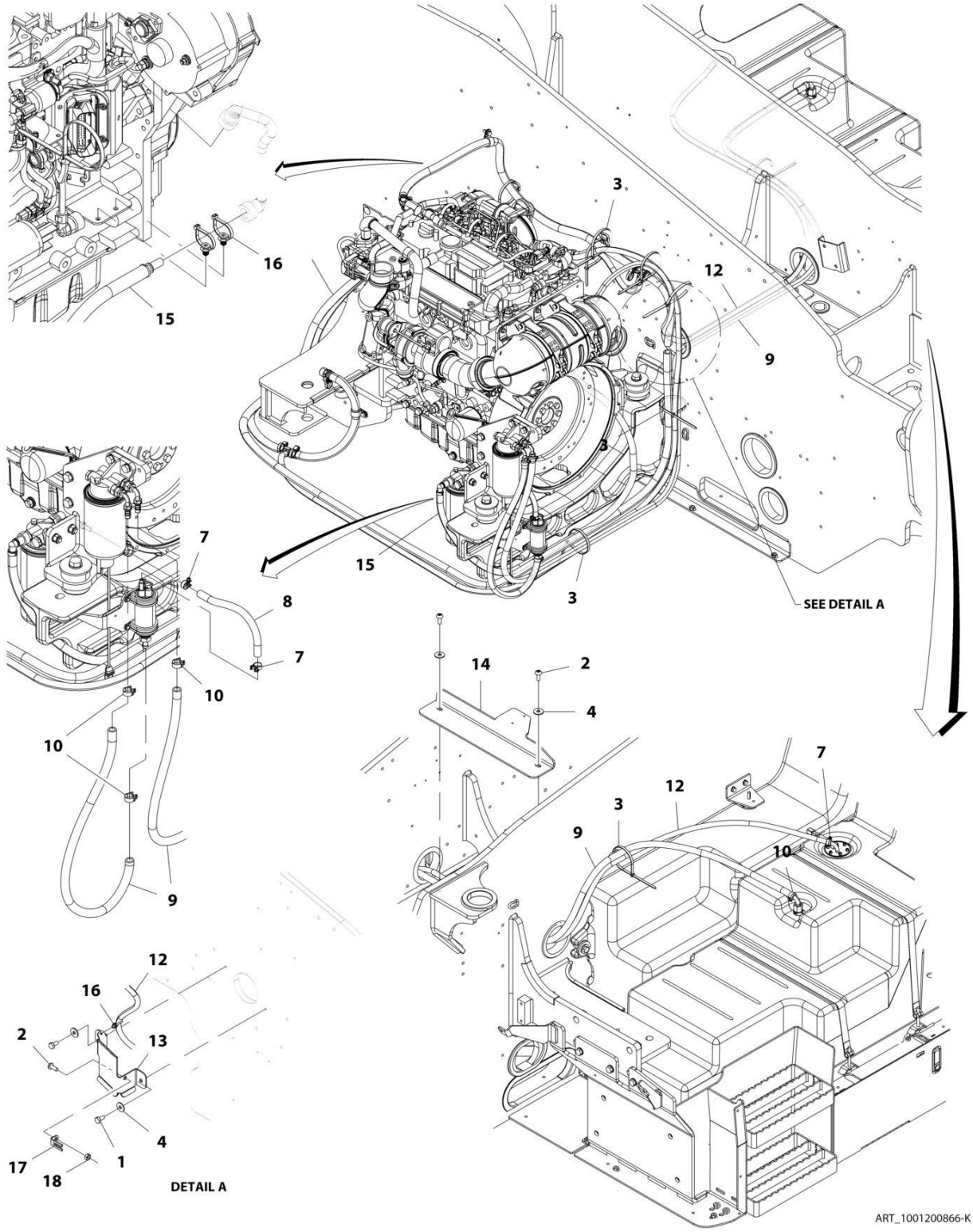
## FIGURE 4-12. REMOTE FUEL PUMP INSTALLATION



## FIGURE 4-12. REMOTE FUEL PUMP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221041 | Ref | Remote Fuel Pump Installation | B |
| 1 | 0760507 | 4 | Bolt, M5X14 | |
| 2 | 4811600 | 4 | Washer, M5 | |

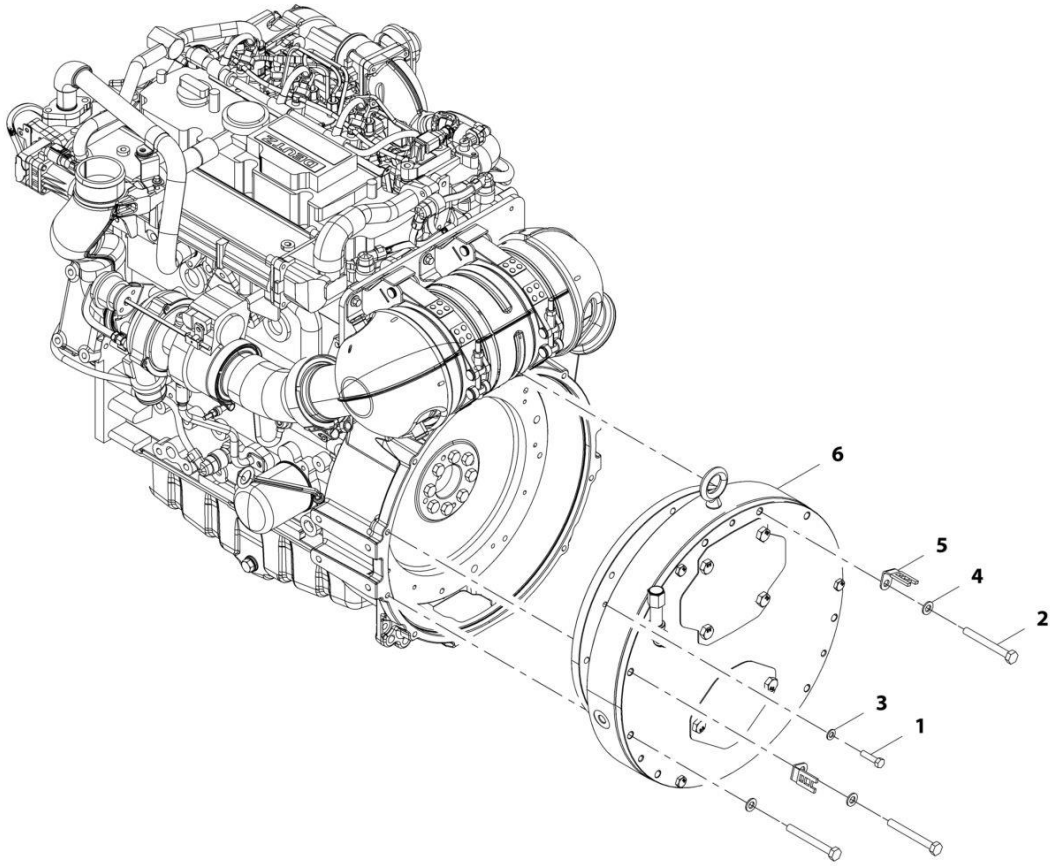
## FIGURE 4-13. FUEL LINES INSTALLATION (ULS)



## FIGURE 4-13. FUEL LINES INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200866 | Ref | Fuel Lines Installation | K |
| 1 | 0761010 | 2 | Bolt, M10X20 | |
| 2 | 1001009325 | 3 | Screw | |
| 3 | 1062255 | 6 | Strap, Tie | |
| 4 | 4812002 | 4 | Washer, M10 | |
| 7 | 1001136975 | 3 | Clamp | |
| 8 | 1001165035 | 260 mm | Hose | |
| 9 | 1001172755 | 4060 mm | Hose | |
| 10 | 1001175568 | 4 | Clip | |
| 12 | 1001228248 | 1 | Hose | |
| 13 | 1001210870 | 1 | Plate | |
| 14 | 1001221868 | 1 | Channel, Frame | |
| 15 | 1001232850 | 1 | Hose | |
| 16 | 1001146588 | 3 | Strap, Tie | |
| 17 | 1001003305 | 1 | Clip | |
| 18 | 3291001 | 1 | Nut, M10X1.5 Grade 8 | |

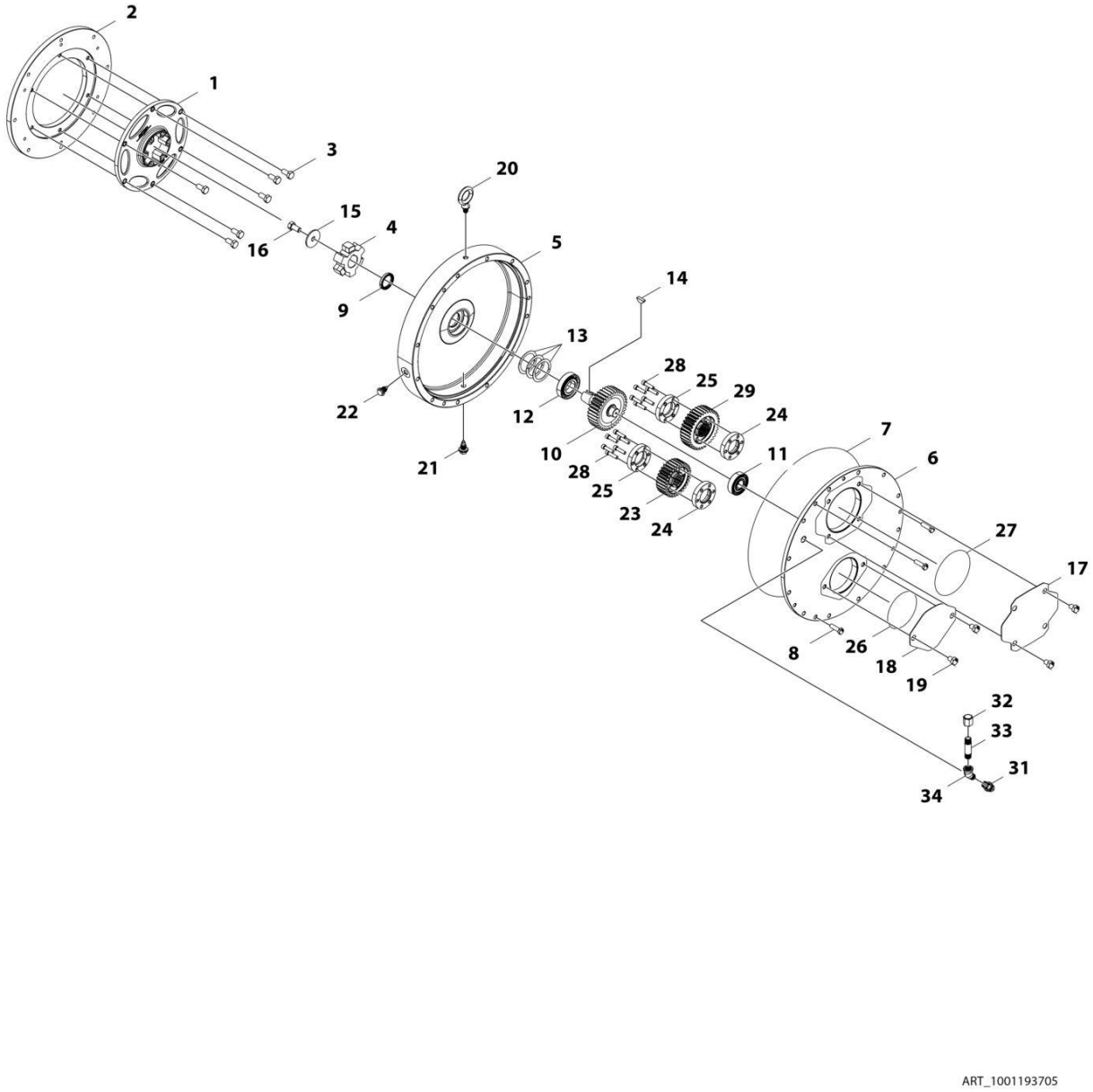
## FIGURE 4-14. HYDROSTATIC ADAPTOR INSTALLATION



## FIGURE 4-14. HYDROSTATIC ADAPTOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193703 | Ref | Hydrostatic Adaptor Installation | D |
| 1 | 0641510 | 6 | Bolt, 5/16-18X1.25 | |
| 2 | 0701026 | 12 | Bolt, M10X90 | |
| 3 | 4811900 | 6 | Washer, M8 | |
| 4 | 4812000 | 10 | Washer, M10 | |
| 5 | 1001003305 | 2 | Clip | |
| 6 | 1001193705 | 1 | Assembly, Dual Drive Support (See Separate Breakdown in this Section) | |

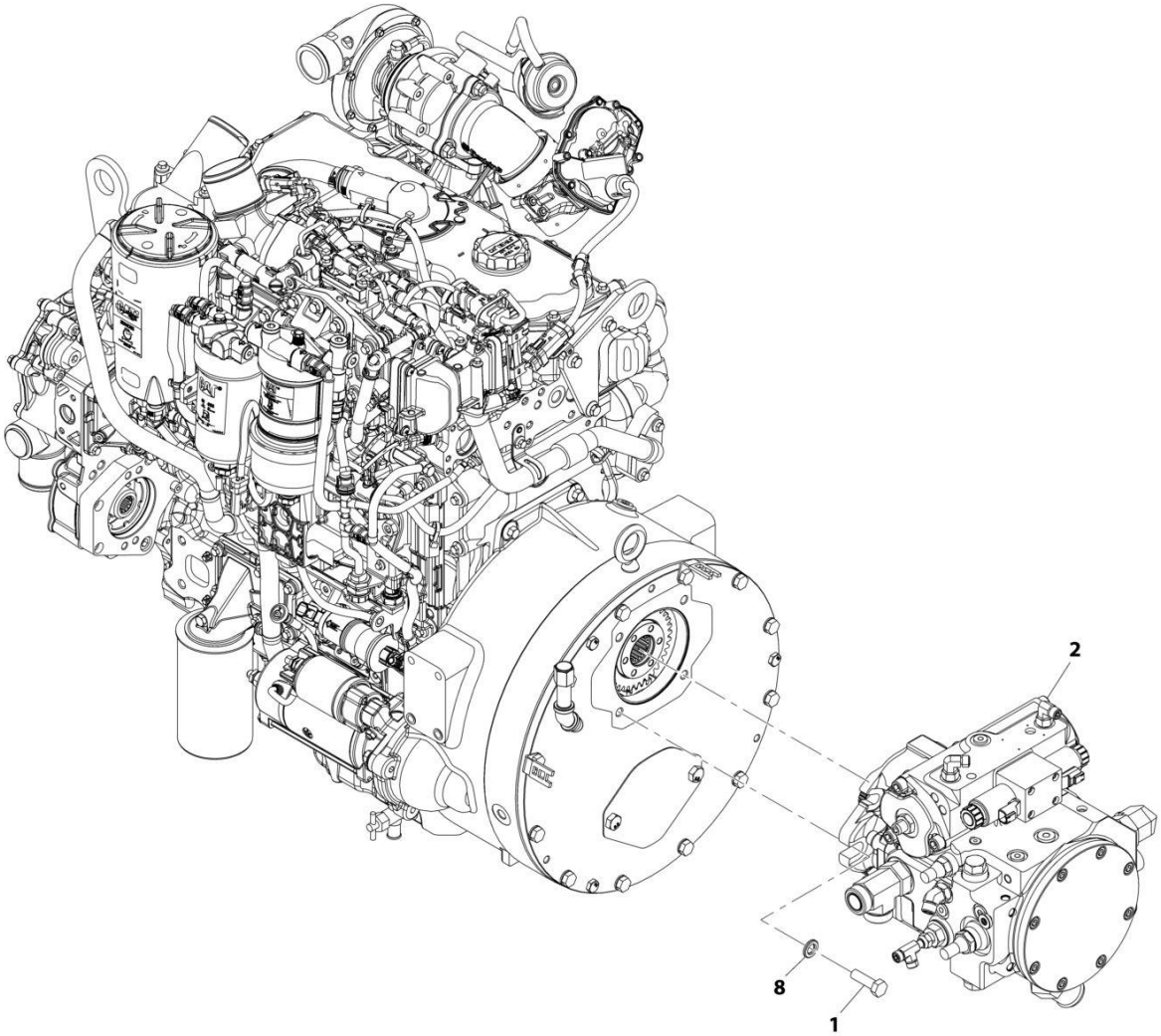
## FIGURE 4-15. DUAL DRIVE SUPPORT ASSEMBLY



## FIGURE 4-15. DUAL DRIVE SUPPORT ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193705 | Ref | Dual Drive Support Assembly | E |
| 1 | 70028327 | 1 | Plate, Flex | |
| 2 | 70028328 | 1 | Plate, Flywheel Adapter | |
| 3 | 70028329 | 6 | Bolt | |
| 4 | 70028330 | 1 | Hub, Flex | |
| 5 | 70028331 | 1 | Gear Box Half, Input Side | |
| 6 | 70028332 | 1 | Gear Box Half, Output Side | |
| 7 | 70028333 | 1 | O-Ring | |
| 8 | 70028334 | 3 | Bolt | |
| 9 | 70028335 | 1 | Seal, Shaft | |
| 10 | 70028336 | 1 | Gear, Input Shaft | |
| 11 | 70028337 | 1 | Bearing, Angular Contact | |
| 12 | 70028338 | 1 | Bearing, Angular Contact | |
| 13 | 70028339 | 3 | Washer | |
| 14 | 70028340 | 1 | Key | |
| 15 | 70028341 | 1 | Washer | |
| 16 | 70028342 | 1 | Bolt | |
| 17 | 70028343 | 1 | Cover, Pump Mount Implement | |
| 18 | 70028344 | 1 | Cover, Pump Mount Hydrastat | |
| 19 | 70028345 | 6 | Bolt | |
| 20 | 70028346 | 1 | Eyebolt, Modified | |
| 21 | 70028347 | 1 | Plug | |
| 22 | 70028348 | 1 | Plug | |
| 23 | 70028349 | 1 | Pump, Gear,30 Tooth | |
| 24 | 70028350 | 2 | Locking Ring, Tapered | |
| 25 | 70028351 | 2 | Locking Ring, Tapered | |
| 26 | 70028352 | 1 | O-Ring | |
| 27 | 70028353 | 1 | O-Ring | |
| 28 | 70028354 | 12 | Bolt | |
| 29 | 70028355 | 1 | Pump, Gear, 35 Tooth | |
| 31 | 70028357 | 1 | Adapter, 90 | |
| 32 | 70028358 | 1 | Breather | |
| 33 | 70028359 | 1 | Nipple | |
| 34 | 70028360 | 1 | Adapter, 45 | |

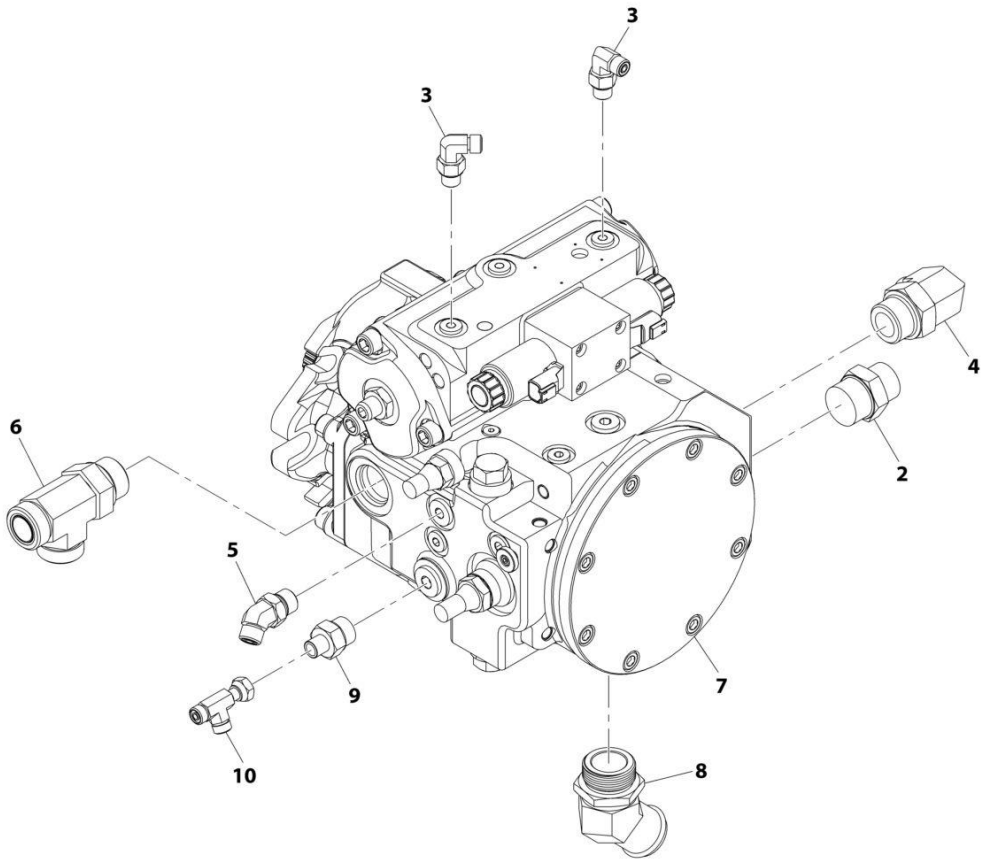
## FIGURE 4-16. HYDROSTATIC DRIVE PUMP INSTALLATION



## FIGURE 4-16. HYDROSTATIC DRIVE PUMP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193704 | Ref | Hydrostatic Drive Pump Installation | D |
| 1 | 0711216 | 4 | Bolt, M12X40 | |
| 2 | 1001210771 | 1 | Assembly, Hydrostatic Drive Pump (See Separate Breakdown in this Section) | |
| 8 | 4740532 | 4 | Washer, M12 | |

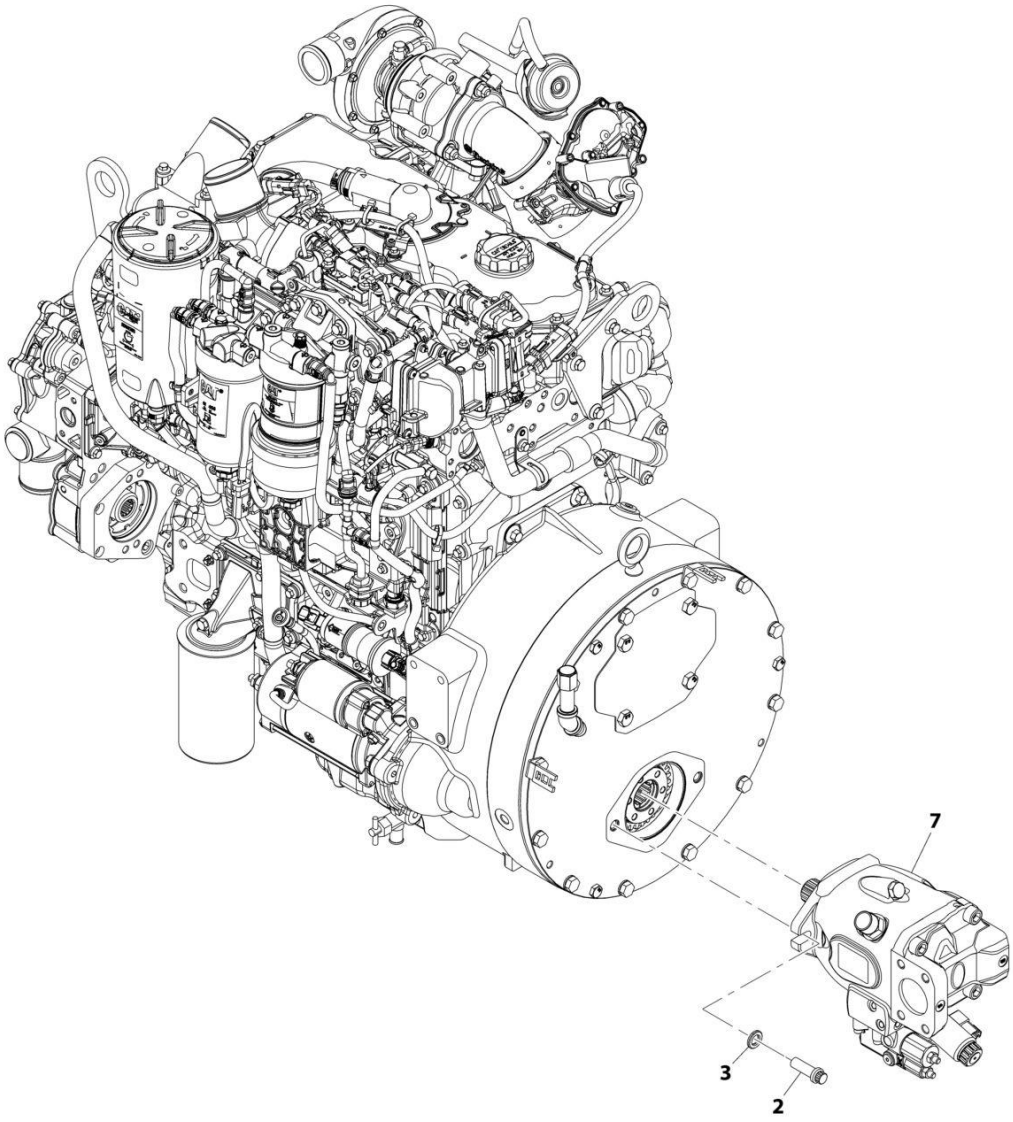
## FIGURE 4-17. HYDROSTATIC DRIVE PUMP ASSEMBLY



## FIGURE 4-17. HYDROSTATIC DRIVE PUMP ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001210771 | Ref | Hydrostatic Drive Pump Assembly | C |
| 2 | 2111216 | 1 | Fitting, Straight ORFS | |
| 3 | 2130406 | 2 | Fitting, 90 ORFS | |
| 4 | 2131216 | 1 | Fitting, 90 ORFS | |
| 5 | 2150608 | 1 | Fitting, 45 ORFS | |
| 6 | 2170316 | 1 | Fitting, TEE ORFS | |
| 7 | 1001193307 | 1 | Pump, Hydrostatic Drive (See Separate Breakdown in HYDRAULIC COMPONENTS Section | |
| 8 | 1001196664 | 1 | Fitting, 45 | |
| 9 | 2110410 | 1 | Fitting, Straight ORFS | |
| 10 | 2170704 | 1 | Fitting, Tee ORFS | |

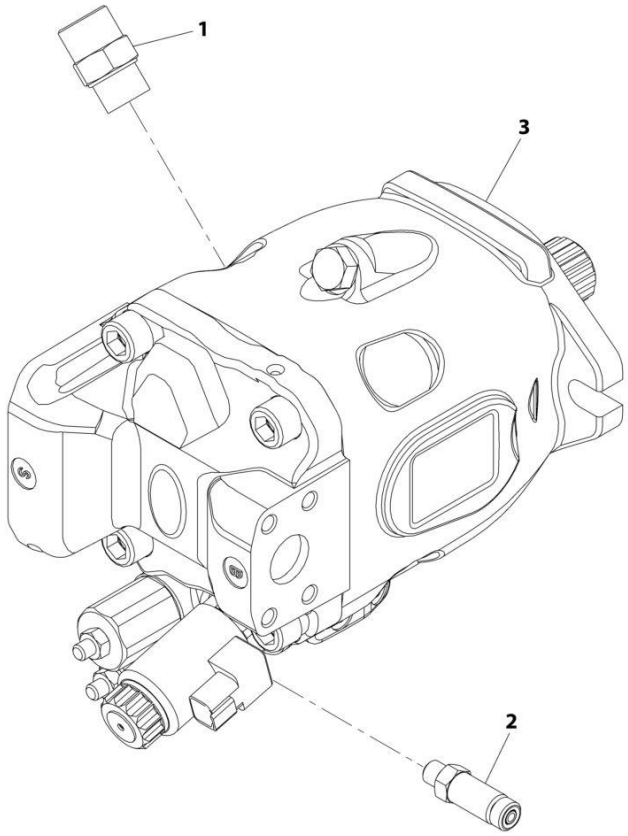
## FIGURE 4-18. IMPLEMENT PUMP INSTALLATION



## FIGURE 4-18. IMPLEMENT PUMP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193393 | Ref | Implement Pump Installation | E |
| 2 | 1001238781 | 2 | Screw Flange | |
| 3 | 4740532 | 2 | Washer | |
| 7 | 1001212739 | 1 | Assembly, Implement Pump (See Separate Breakdown in this Section) | |

## FIGURE 4-19. IMPLEMENT PUMP ASSEMBLY

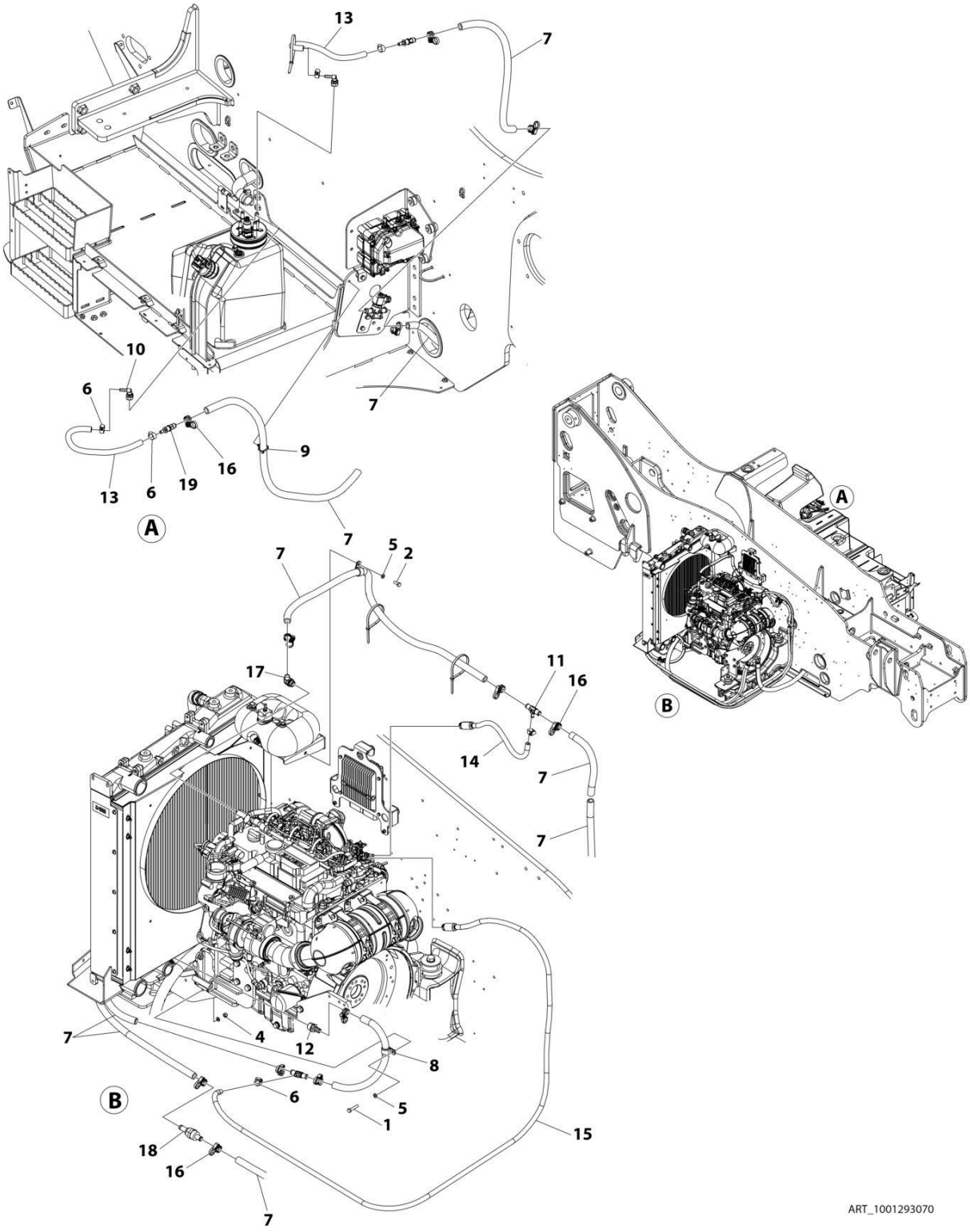



ART_1001212739-A

## FIGURE 4-19. IMPLEMENT PUMP ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212739 | Ref | Implement Pump Assembly | A |
| 1 | 2111010 | 1 | Fitting, Straight ORFS | |
| 2 | 2170104 | 1 | Fitting, Straight ORFS | |
| 3 | 1001180070 | 1 | Pump, Implement (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

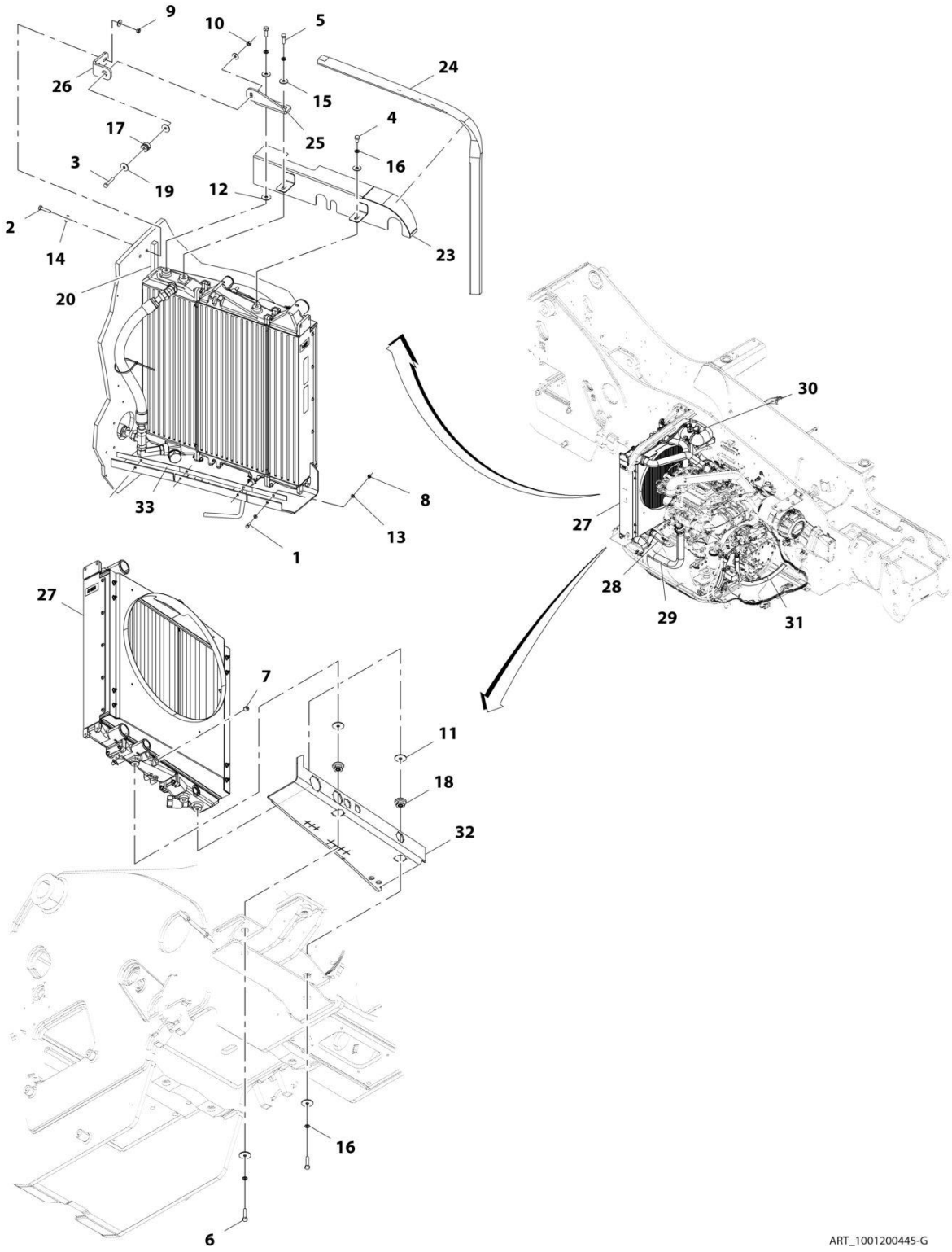
## FIGURE 4-20. DEF COOLANT LINES INSTALLATION (ULS)



## FIGURE 4-20. DEF COOLANT LINES INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001293070 | Ref | DEF COOLANT LINES INSTALLATION (ULS) | A |
| 1 | 0700816 | 1 | Bolt M8 x 40 | |
| 2 | 0760810 | 1 | Bolt M8 x 20 | |
| 3 | 1062255 | AR | Tie-Strap (Not Shown) | |
| 4 | 3290805 | 1 | Nut M8 | |
| 5 | 4811900 | 3 | Washer M8 | |
| 6 | 8410013 | 6 | Clamp | |
| 7 | 82033995 | 31 ft /10 m | Hose | |
| 8 | 1001100319 | 2 | Clip | |
| 9 | 1001146588 | 1 | Tie-Strap, Fir Tree | |
| 10 | 1001155823 | 2 | Coupling | |
| 11 | 1001162212 | 2 | Pipe | |
| 12 | 1001167409 | 1 | Pipe | |
| 13 | 1001181625 | 35 in /87 cm | Hose | |
| 14 | 1001201299 | 1 | Hose | |
| 15 | 1001201300 | 1 | Hose | |
| 16 | 1001202526 | 12 | Clamp | |
| 17 | 1001203005 | 1 | Fitting, 45 | |
| 18 | 1001228872 | 1 | Filter | |
| 19 | 1001238470 | 2 | Adapter | |

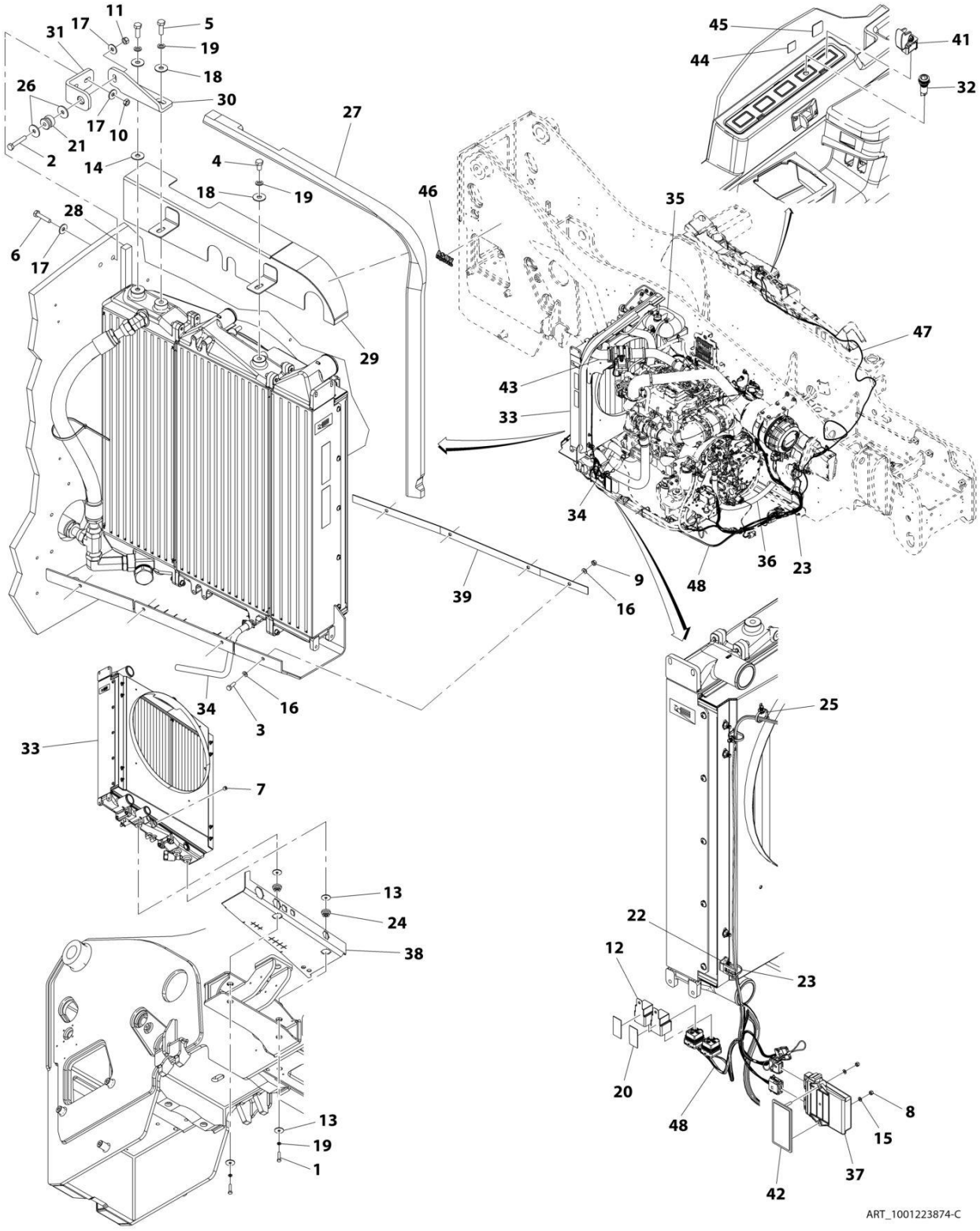
## FIGURE 4-21. COOLING PACKAGE INSTALLATION (ULS & NO HIGH AMBIENT)



## FIGURE 4-21. COOLING PACKAGE INSTALLATION (ULS & NO HIGH AMBIENT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200445 | Ref | Cooling Package Installation | G |
| 1 | 0760812 | 4 | Bolt,M8X25 | |
| 2 | 0701018 | 2 | Bolt, M10X50 | |
| 3 | 0701020 | 1 | Bolt, M10X60 | |
| 4 | 0761210 | 1 | Bolt, M12X20 | |
| 5 | 0761215 | 2 | Bolt, M12X35 | |
| 6 | 0761218 | 2 | Bolt, M12X50 | |
| 7 | 2200223 | 1 | Plug | |
| 8 | 3290801 | 4 | Nut, M8X1.25 | |
| 9 | 3291001 | 2 | Nut, M10X1.5 | |
| 10 | 3291005 | 1 | Nut, Lock M10X1.5 | |
| 11 | 4740274 | 4 | Washer | |
| 12 | 4740550 | 1 | Washer, M12 | |
| 13 | 4811900 | 8 | Washer, M8 | |
| 14 | 4812002 | 5 | Washer, M10 | |
| 15 | 4812102 | 3 | Washer, M12 | |
| 16 | 4832100 | 5 | Washer, Lock M12 | |
| 17 | 8278020 | 1 | Mount | |
| 18 | 1001114803 | 2 | Mount | |
| 19 | 1001155540 | 2 | Washer | |
| 20 | 1001173457 | 1 | Seal | |
| 23 | 1001196191 | 1 | Bracket, Air Baffle | |
| 24 | 1001173452 | 1 | Seal | |
| 25 | 1001200498 | 1 | Bracket, Radiator | |
| 26 | 1001200499 | 1 | Bracket, Frame | |
| 27 | 1001201301 | 1 | Radiator, (See Separate Breakdown in this Section) | |
| 28 | 1001201302 | Ref | Installation, Coolant Lines (See Separate Breakdown in this Section) | |
| 29 | 1001201303 | Ref | Installation, Radiator Lines (See Separate Breakdown in this Section) | |
| 30 | 1001201304 | Ref | Installation, Surge Tank (See Separate Breakdown in this Section) | |
| 31 | 1001201305 | Ref | Installation, Transmission Oil Cooler Lines (See Separate Breakdown in this Section) | |
| 32 | 1001203947 | 1 | Panel, Air Dam | |
| 33 | 1001203948 | 1 | Plate, Air Dam | |

## FIGURE 4-22. COOLING PACKAGE INSTALLATION (ULS ASOV)



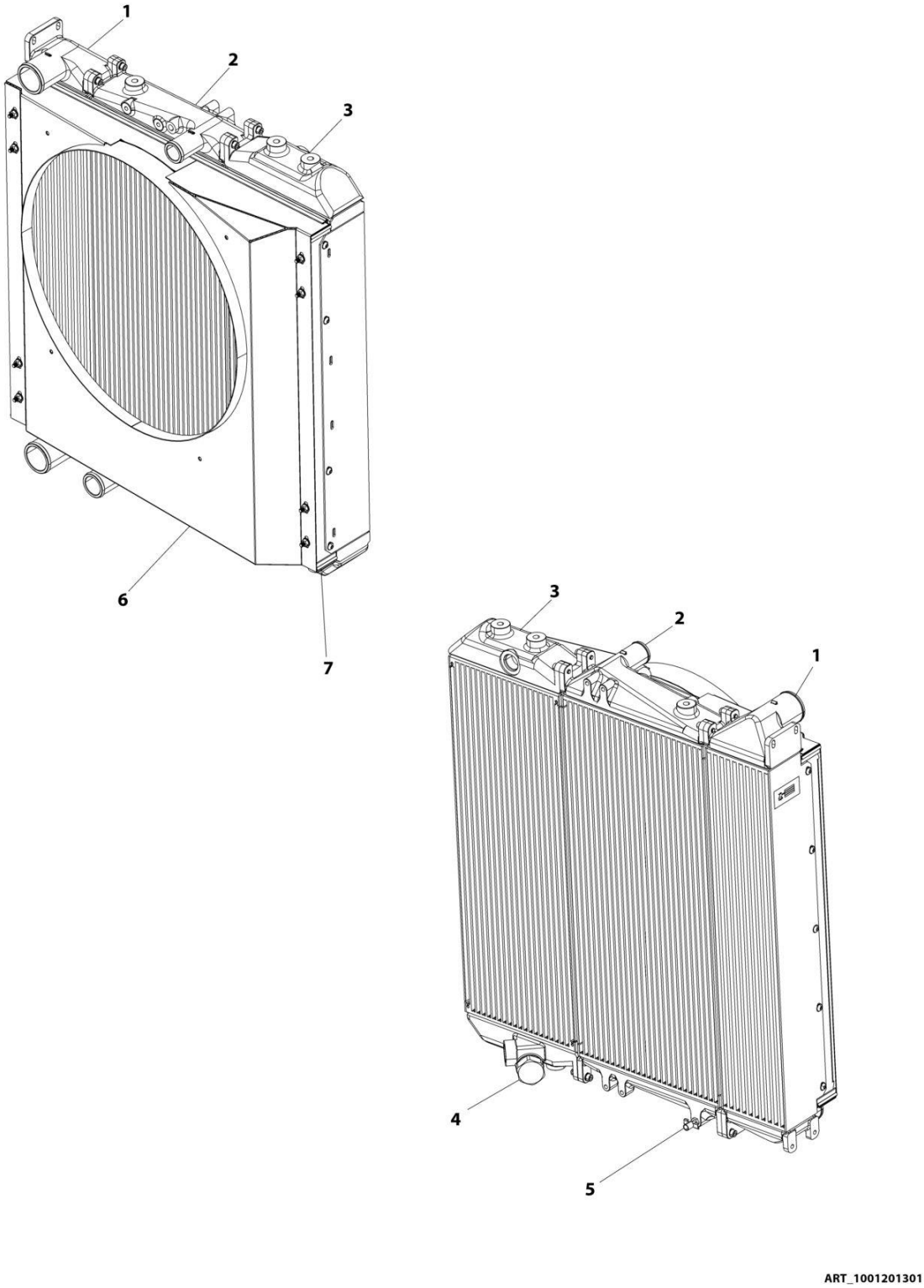
## FIGURE 4-22. COOLING PACKAGE INSTALLATION (ULS ASOV)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223874 | Ref | Cooling Package Installation | C |
| 1 | 0701018 | 2 | Bolt, M10X50 | |
| 2 | 0701020 | 1 | Bolt, M10X60 | |
| 3 | 0760812 | 4 | Bolt,M8X25 | |
| 4 | 0761210 | 1 | Bolt, M12X20 | |
| 5 | 0761215 | 2 | Bolt, M12X35 | |
| 6 | 0761218 | 2 | Bolt, M12X50 | |
| 7 | 2200223 | 1 | Plug | |
| 8 | 3290505 | 2 | Nut, M5X0.8 | |
| 9 | 3290801 | 4 | Nut, M8X1.25 | |
| 10 | 3291001 | 2 | Nut, M10X1.5 | |
| 11 | 3291005 | 1 | Nut, Lock M10X1.5 | |
| 12 | 3740080 | 2 | Relay | |
| 13 | 4740274 | 4 | Washer | |
| 14 | 4740550 | 1 | Washer, M12 | |
| 15 | 4811600 | 2 | Washer, M5 | |
| 16 | 4811900 | 8 | Washer, M8 | |
| 17 | 4812002 | 5 | Washer, M10 | |
| 18 | 4812102 | 3 | Washer, M12 | |
| 19 | 4832100 | 5 | Washer, Lock M12 | |
| 20 | 7169541 | AR | Tape | |
| 21 | 8278020 | 1 | Mount | |
| 22 | 1001003305 | 1 | Clip | |
| 23 | 1001008559 | 4 | Strap, Cable | |
| 24 | 1001114803 | 2 | Mount | |
| 25 | 1001146588 | 2 | Strap, Cable | |
| 26 | 1001155540 | 2 | Washer | |
| 27 | 1001173452 | 1 | Seal, Foam Gasket | |
| 28 | 1001173457 | 1 | Seal | |
| 29 | 1001196191 | 1 | Bracket, Air Baffle | |
| 30 | 1001200498 | 1 | Bracket, Radiator | |
| 31 | 1001200499 | 1 | Bracket, Frame | |
| 32 | 1001200631 | 1 | Lamp, LED Indicator | |
| 33 | 1001201301 | 1 | Radiator, (See Separate Breakdown in this Section) | |
| 34 | 1001201302 | Ref | Installation, Coolant Lines (See Separate Breakdown in this Section) | |
| 35 | 1001201304 | Ref | Installation, Surge Tank (See Separate Breakdown in this Section) | |
| 36 | 1001201305 | Ref | Installation, Transmission Oil Cooler Lines (See Separate Breakdown in this Section) | |
| 37 | 1001203181 | 1 | Accessory, Control | |
| 38 | 1001203947 | 1 | Panel, Air Dam | |
| 39 | 1001203948 | 1 | Plate, Air Dam | |
| 41 | 1001215941 | 1 | Switch | |
| 42 | 1001219082 | 1 | Bracket | |
| 43 | 1001223869 | 1 | Installation, Radiator Lines (See Separate Breakdown in this Section) | |
| 44 | 1001227077 | 1 | Decal, Air Shut Off | |
| 45 | 1001227964 | 1 | Decal, ASOV Test | |
| 46 | 1001228643 | 1 | Decal, ASOV Equipped | |

# SECTION 4 - ENGINE AND ATTACHING PARTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 47 | 1001231407 | 1 | Harness, POSI Air Shutoff (See Separate Breakdown in Electrical Section) | |
| 48 | 1001231483 | 1 | Harness, POSI Air Shutoff (See Separate Breakdown in Electrical Section) | |

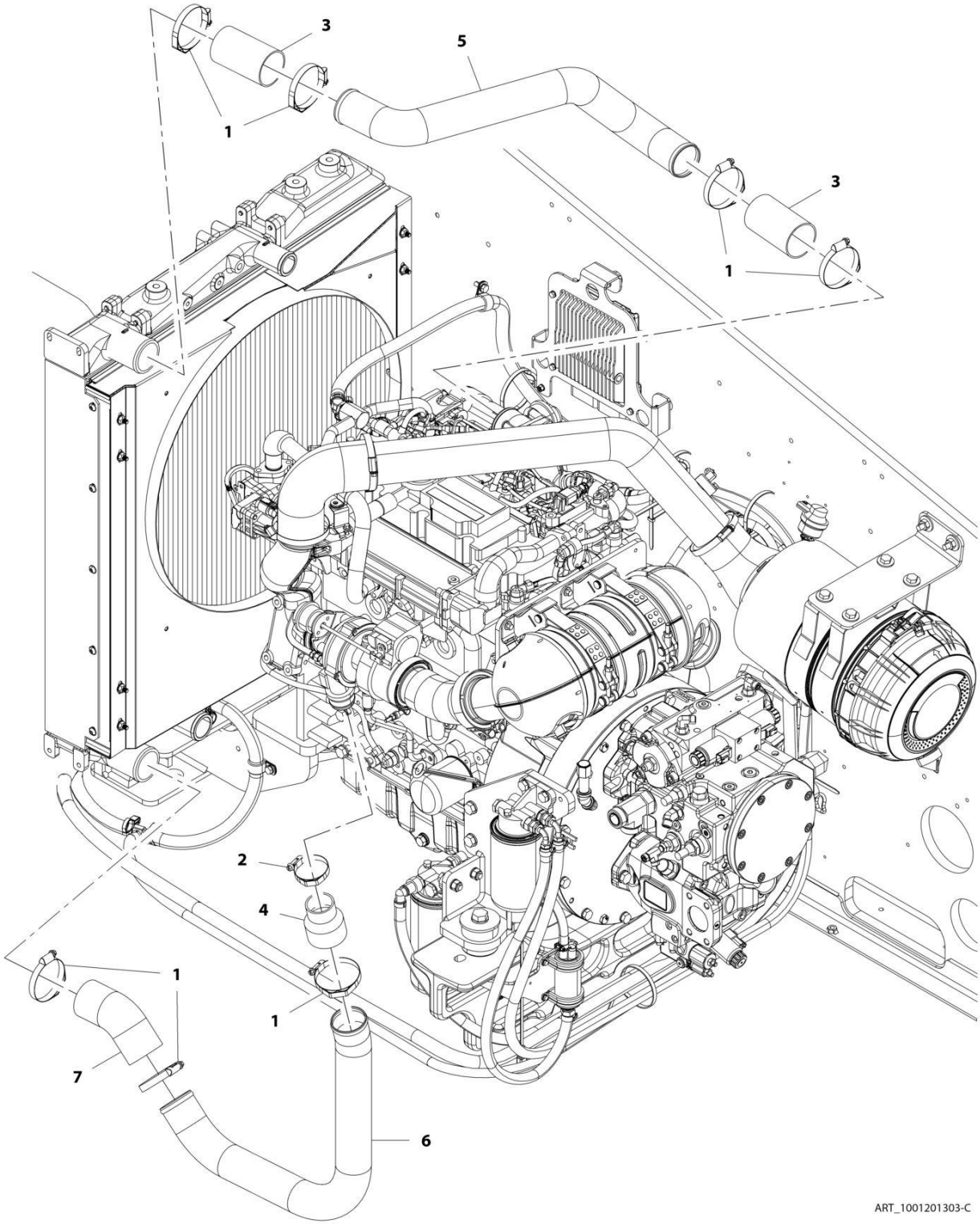
## FIGURE 4-23. RADIATOR - COOLING PACKAGE



## FIGURE 4-23. RADIATOR - COOLING PACKAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201301 | Ref | RADIATOR COOLLING PACKAGE | D |
| 1 | 70026353 | 1 | Cooler, Air Charge | |
| 2 | 70026354 | 1 | Radiator | |
| 3 | 70028550 | 1 | Cooler, Hydraulic Oil | |
| 4 | 70028548 | 1 | Valve, Bypass | |
| 5 | 70026081 | 1 | Petcock | |
| 6 | 70028549 | 1 | Shroud | |
| 7 | 70026359 | 2 | Bracket, Shroud Mounting | |

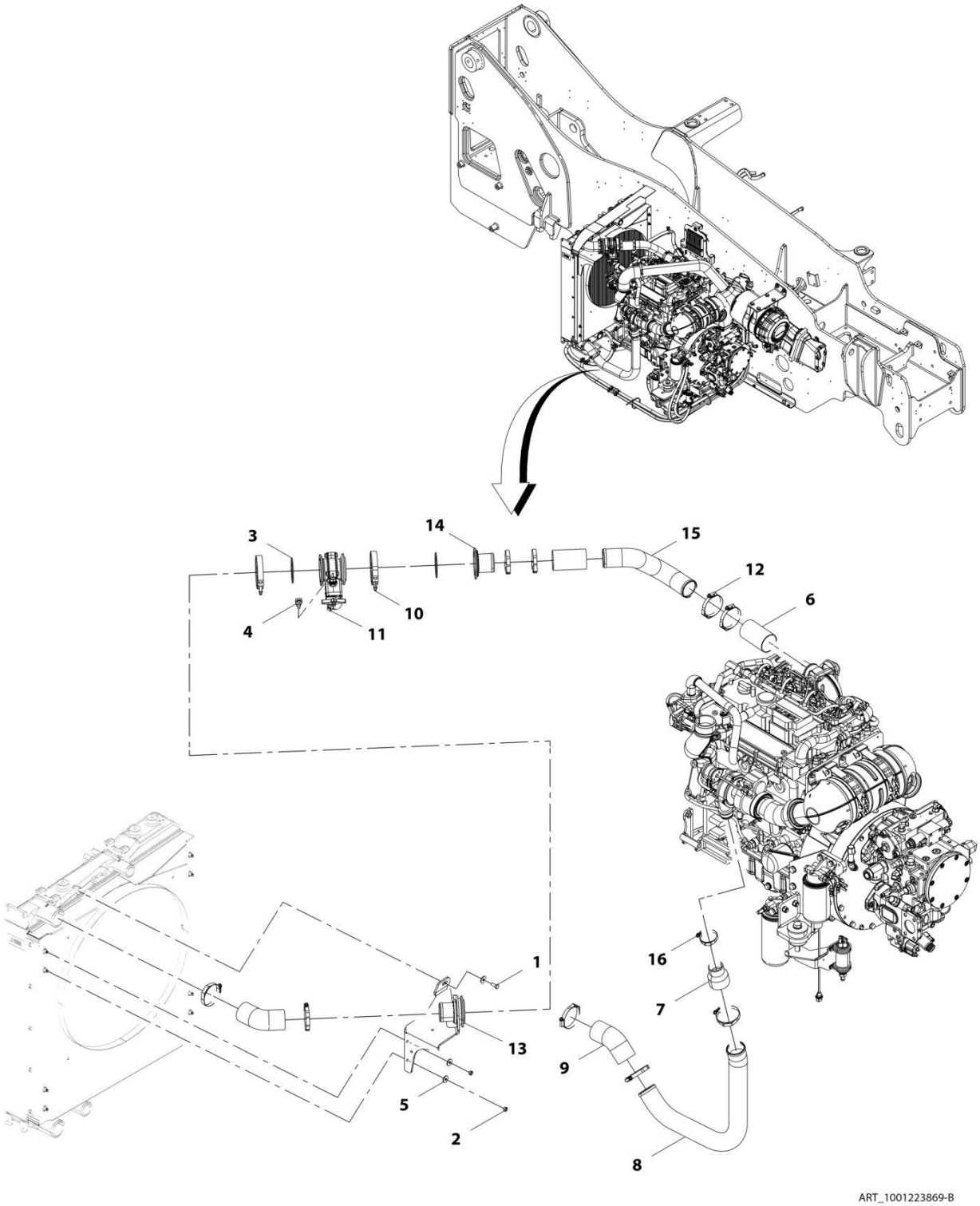
## FIGURE 4-24. RADIATOR LINES INSTALLATION (ALL EXCEPT ULS & LS ASOV)



## FIGURE 4-24. RADIATOR LINES INSTALLATION (ALL EXCEPT ULS & LS ASOV)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201303 | Ref | Radiator Lines Installation | C |
| 1 | 1001215022 | 7 | Clamp | |
| 2 | 1001215024 | 1 | Clamp | |
| 3 | 1001114495 | 2 | Hose | |
| 4 | 1001173528 | 1 | Coupling, Reducer | |
| 5 | 1001201314 | 1 | Pipe | |
| 6 | 1001201315 | 1 | Pipe | |
| 7 | 1001201316 | 1 | Elbow, 45 | |

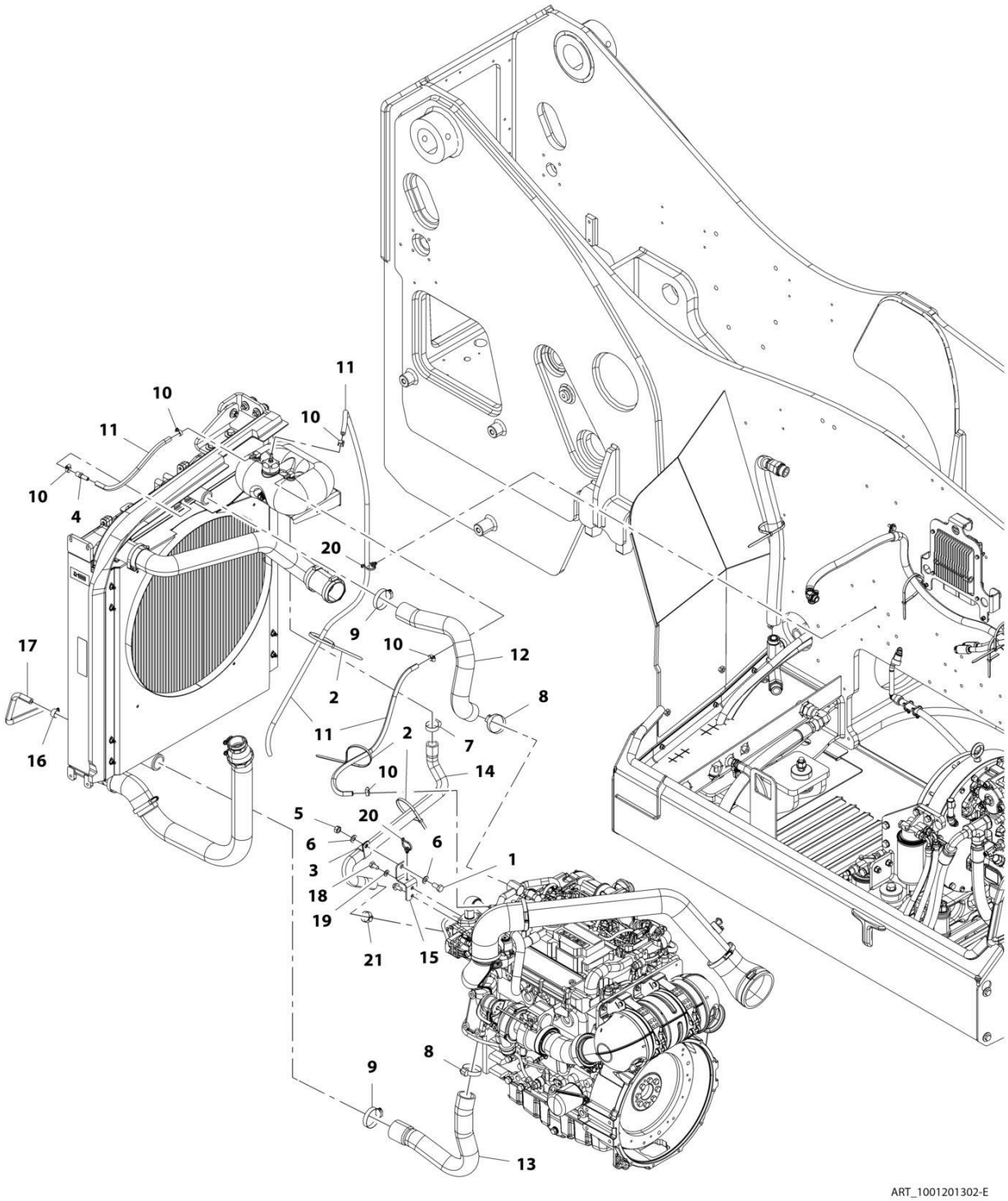
## FIGURE 4-25. RADIATOR LINES INSTALLATION (ULS & LS ASOV)



## FIGURE 4-25. RADIATOR LINES INSTALLATION (ULS & LS ASOV)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223869 | Ref | CAC Lines Installation | B |
| 1 | 0760810 | 1 | Bolt, M8X20 | |
| 2 | 3290801 | 2 | Nut, M8X1.25 | |
| 3 | 3790152 | 2 | Ring | |
| 4 | 4460742 | 1 | Connector | |
| 5 | 4811902 | 3 | Washer, M8 | |
| 6 | 1001114495 | 2 | Hose | |
| 7 | 1001173528 | 1 | Fitting, Straight | |
| 8 | 1001201315 | 1 | Pipe | |
| 9 | 1001201316 | 2 | Hose | |
| 10 | 1001202247 | 2 | Clamp | |
| 11 | 1001204032 | 1 | Valve, Shut Off (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 12 | 1001215022 | 9 | Clamp | |
| 13 | 1001223618 | 1 | Valve, ASO (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 14 | 1001223628 | 1 | Valve, ASO | |
| 15 | 1001223645 | 1 | Pipe | |
| 16 | 1001215024 | 1 | Clamp | |

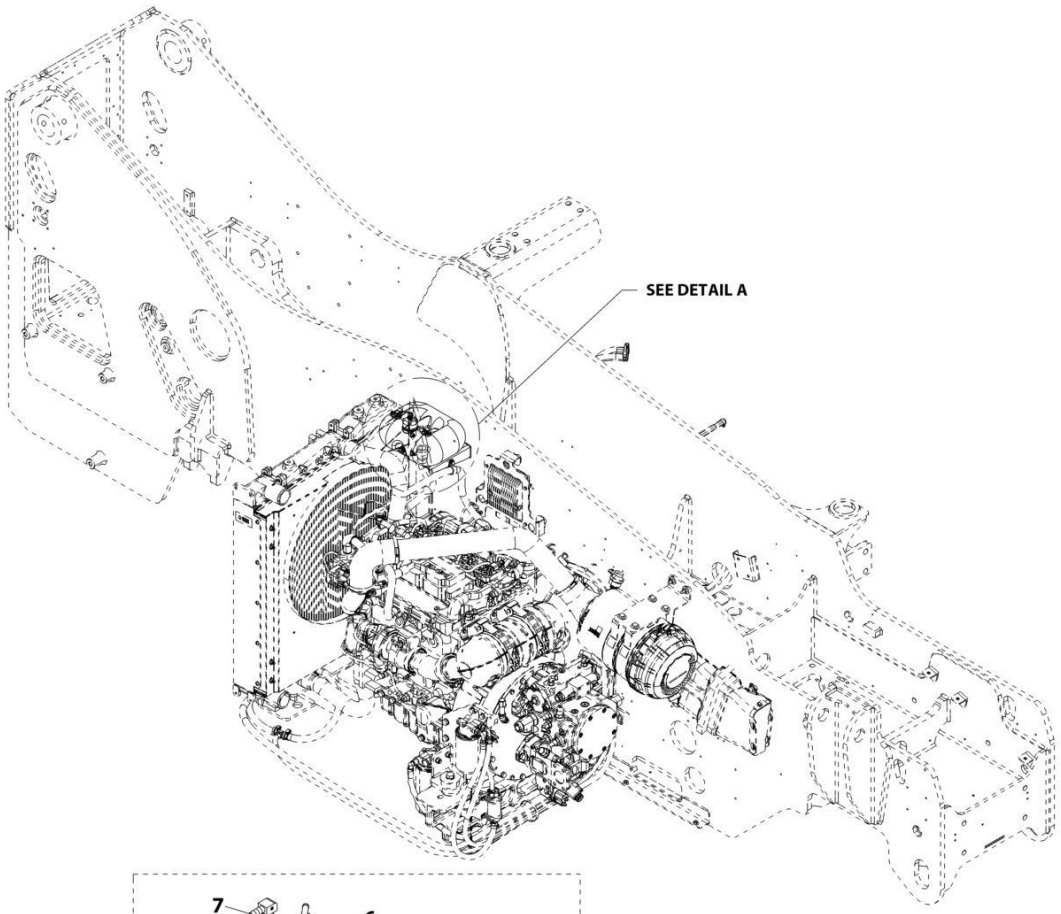
## FIGURE 4-26. COOLANT LINES INSTALLATION

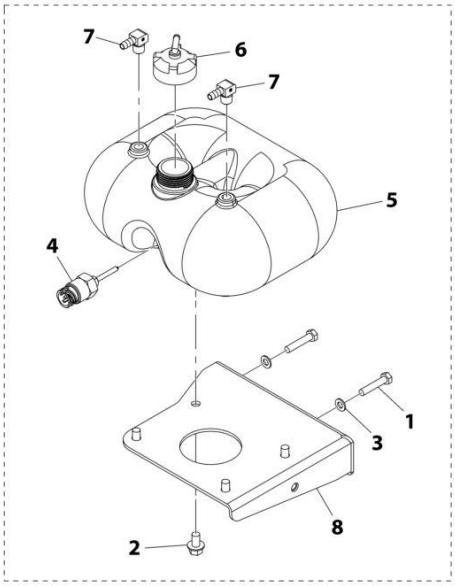


## FIGURE 4-26. COOLANT LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201302 | Ref | Coolant Lines Installation | E |
| 1 | 0761212 | 1 | Bolt, M12X25 | |
| 2 | 1062255 | 3 | Strap, Tie | |
| 3 | 1320060 | 1 | Clamp, Hose | |
| 4 | 2220767 | 1 | Fitting | |
| 5 | 3291201 | 1 | Nut, M12 | |
| 6 | 4812100 | 2 | Washer, M12 | |
| 7 | 8405101 | 1 | Clamp, Gear | |
| 8 | 8405104 | 2 | Clamp, Gear | |
| 9 | 8405201 | 2 | Clamp, Gear | |
| 10 | 8405009 | 5 | Clamp, Gear | |
| 11 | 1001180542 | 2465 mm | Hose | |
| 12 | 1001217762 | 1 | Hose | |
| 13 | 1001201309 | 1 | Hose | |
| 14 | 1001217763 | 1 | Hose | |
| 15 | 1001217761 | 1 | Bracket | |
| 16 | 8405006 | 1 | Clamp, Gear | |
| 17 | 1001180553 | 370 mm | Hose | |
| 18 | 0761010 | 1 | Bolt, M12X20 | |
| 19 | 4812000 | 1 | Washer, M10 | |
| 20 | 1001146588 | 2 | Strap, Tie | |
| 21 | 8405007 | 1 | Clamp, Gear | |

## FIGURE 4-27. SURGE TANK INSTALLATION



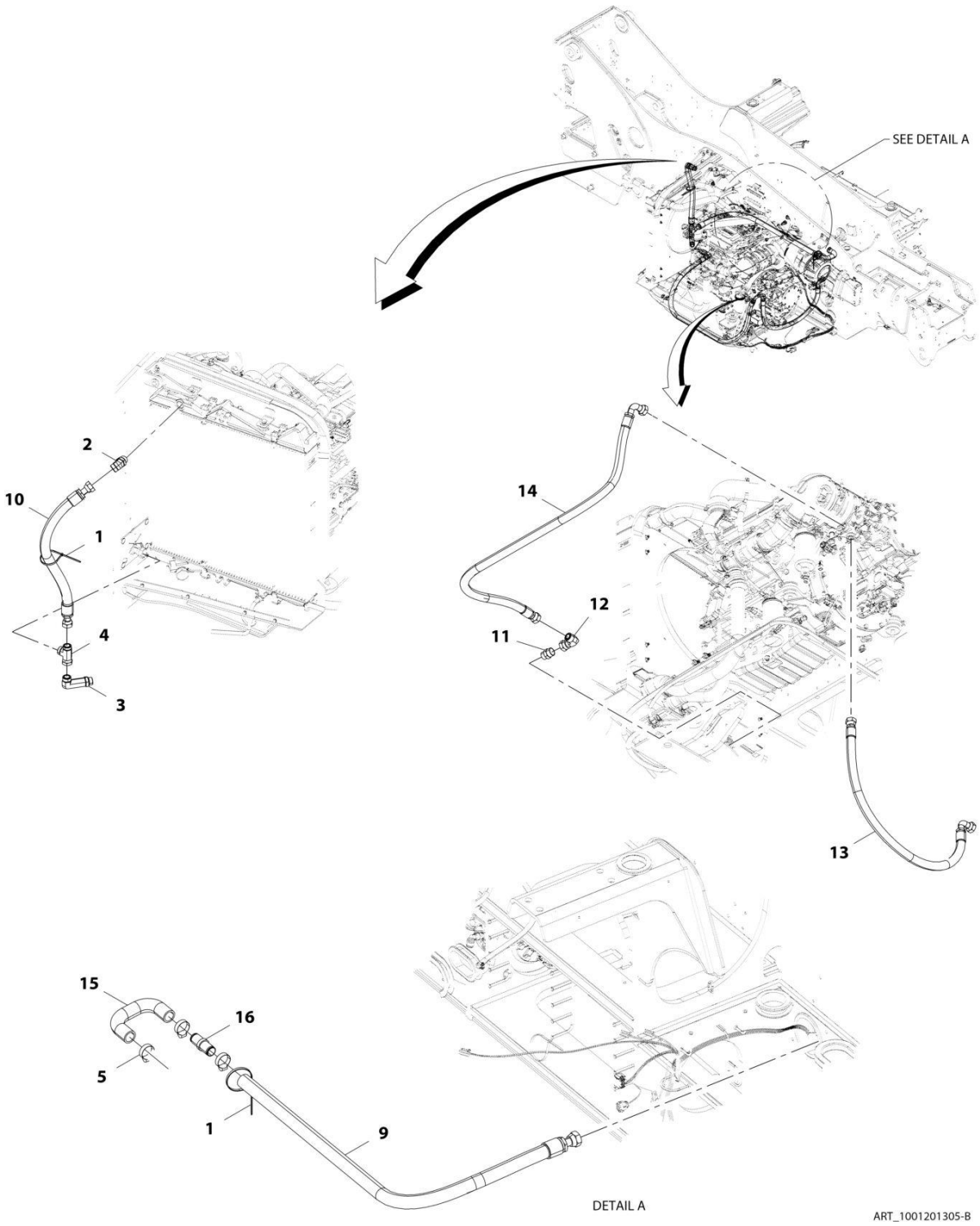

DETAIL A

ART_1001201304-B

## FIGURE 4-27. SURGE TANK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201304 | Ref | Surge Tank Installation | B |
| 1 | 0700816 | 2 | Bolt, M8X40 | |
| 2 | 0791605 | 4 | Screw | |
| 3 | 4811900 | 2 | Washer, M8 | |
| 4 | 1001138827 | 1 | Sensor, Coolant Level | |
| 5 | 1001128144 | 1 | Tank, Coolant | |
| 6 | 1001128341 | 1 | Cap | |
| 7 | 1001169368 | 2 | Fitting, Hose Barb | |
| 8 | 1001201317 | 1 | Bracket, Coolant Tank | |

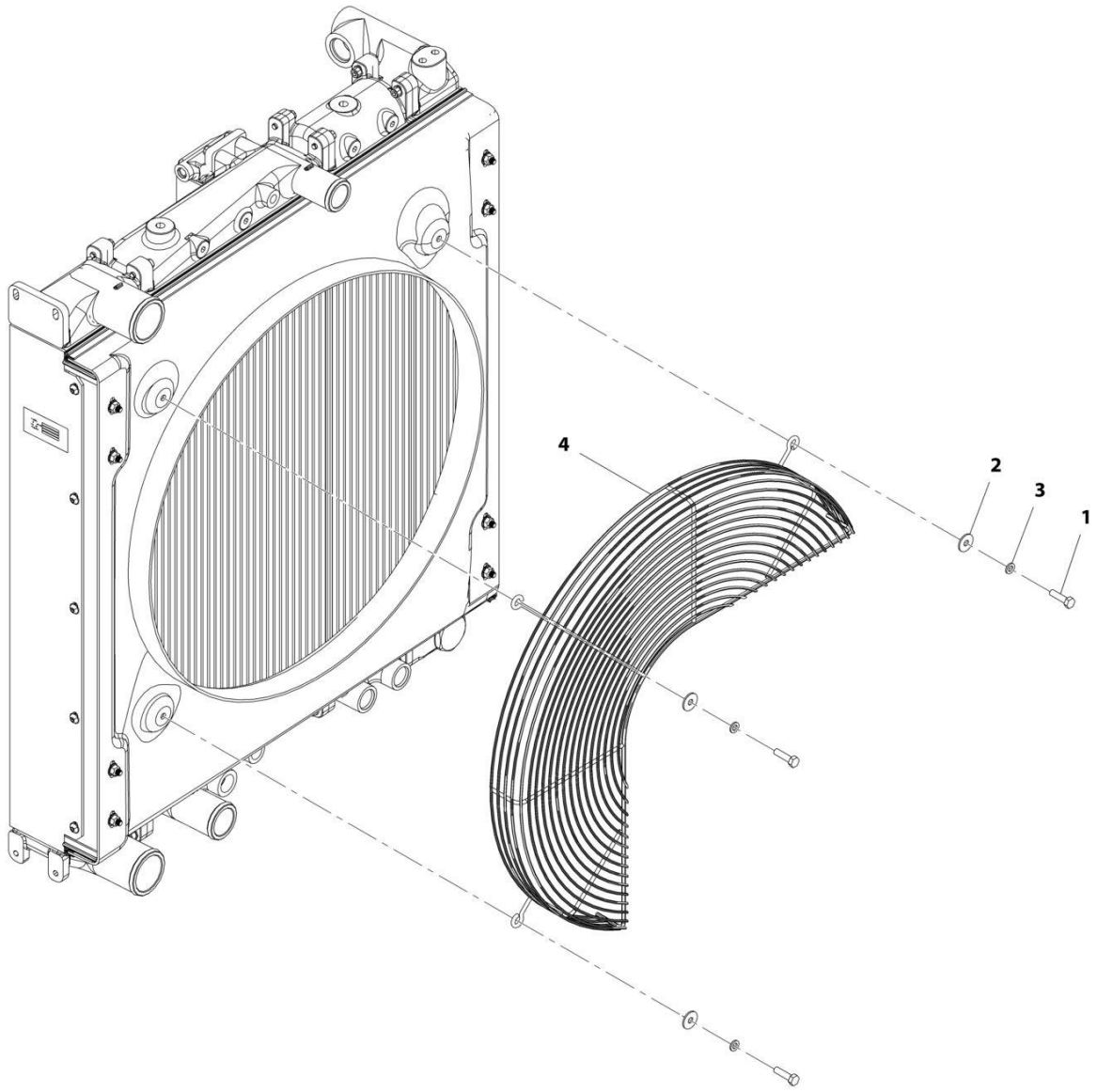
## FIGURE 4-28. TRANSMISION OIL COOLER LINES INSTALLATION



## FIGURE 4-28. TRANSMISION OIL COOLER LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201305 | Ref | Transmission Oil Cooler Lines Installation | B |
| 1 | 1062255 | AR | Strap, Tie | |
| 2 | 2151616 | 1 | Fitting, 45 ORFS | |
| 3 | 2170216 | 1 | Fitting, 90 ORFS | |
| 4 | 2170716 | 1 | Fitting, Tee ORFS | |
| 5 | 8405102 | 3 | Clamp, Gear | |
| 9 | 1001205564 | 1 | Hose | |
| 10 | 1001205565 | 1 | Hose | |
| 11 | 2111616 | 1 | Fitting, Straight ORFS | |
| 12 | 2172116 | 1 | Fitting, 90 ORFS | |
| 13 | 1001211616 | 1 | Hose | |
| 14 | 1001211617 | 1 | Hose | |
| 15 | 1001212920 | 1 | Hose | |
| 16 | 1001212921 | 1 | Fitting, Straight | |

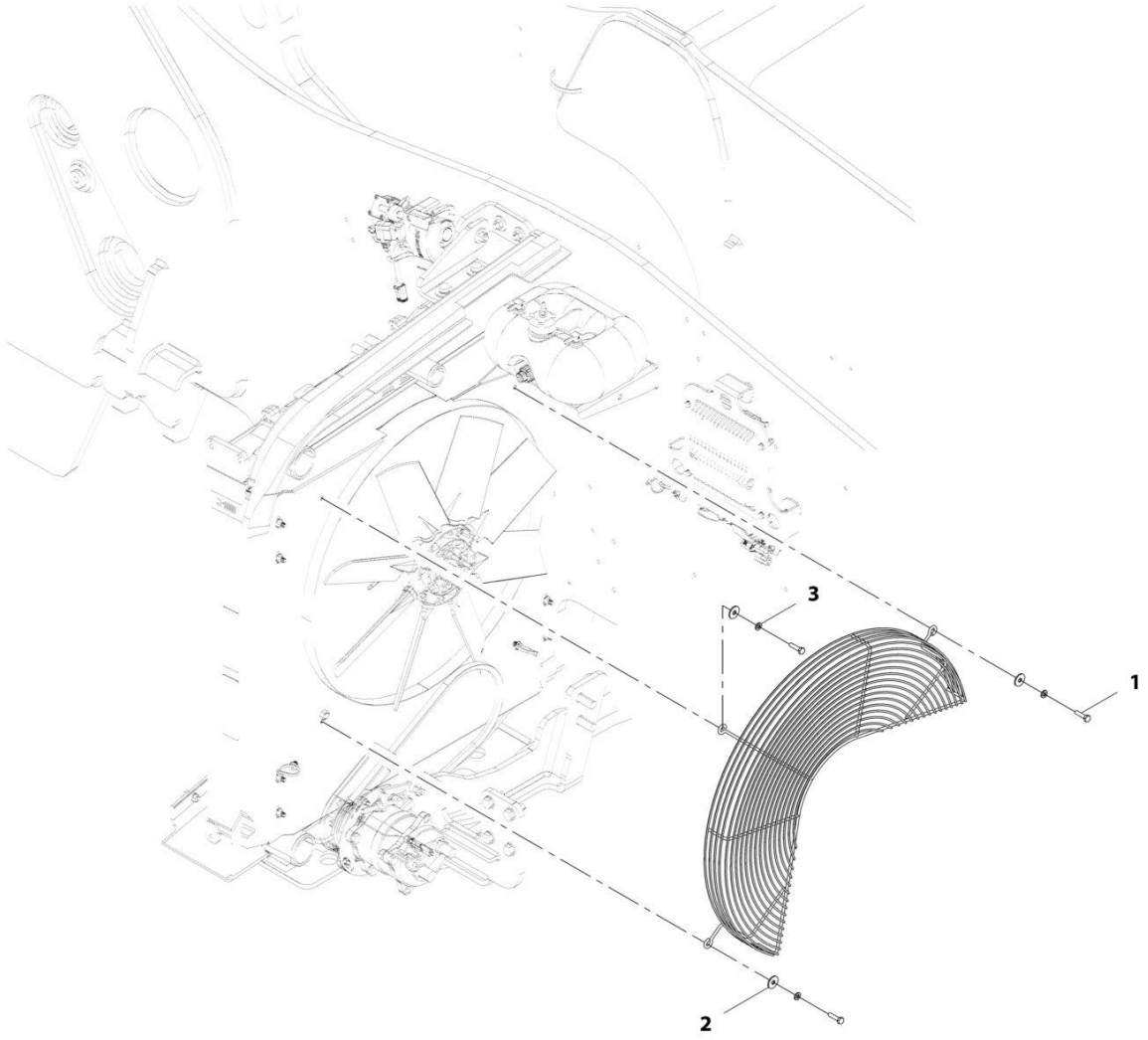
## FIGURE 4-29. FAN GUARD INSTALLATION



## FIGURE 4-29. FAN GUARD INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160420 | Ref | Fan Guard Installation | D |
| 1 | 0700814 | 3 | Bolt, M8X30 | |
| 2 | 4811902 | 3 | Washer, M8 | |
| 3 | 4831900 | 3 | Washer, Lock M8 | |
| 4 | 1001167186 | 1 | Grill | |

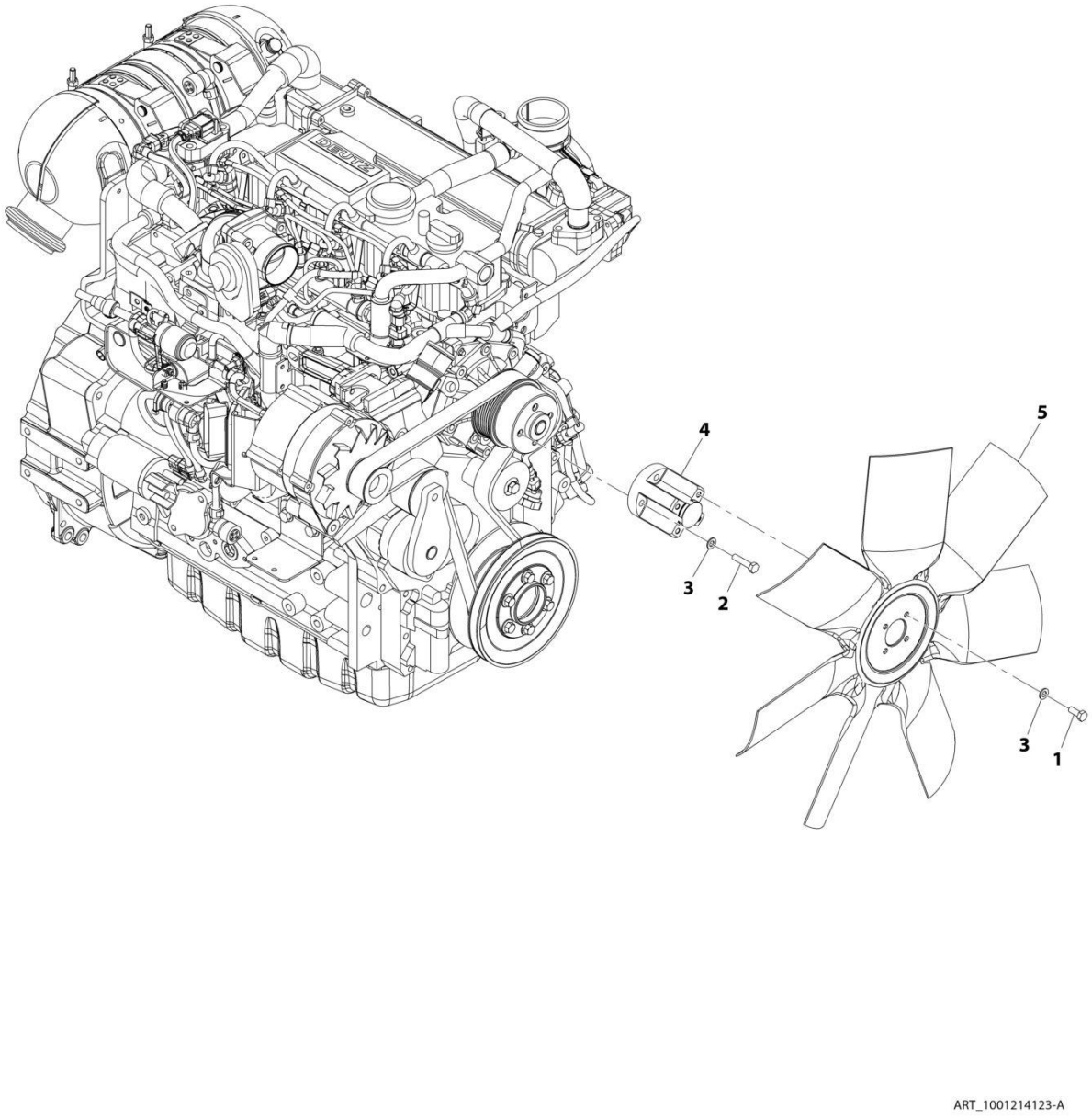
## FIGURE 4-30. FAN GUARD (REVERSING) INSTALLATION



## FIGURE 4-30. FAN GUARD (REVERSING) INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217754 | 1 | Fan Guard (Reversing) Installation | B |
| 1 | 0700814 | 3 | Bolt, M8X30 | |
| 2 | 4811902 | 3 | Washer, M8 | |
| 3 | 4831900 | 3 | Washer, Lock M8 | |
| 4 | 1001217755 | 1 | Grill | |

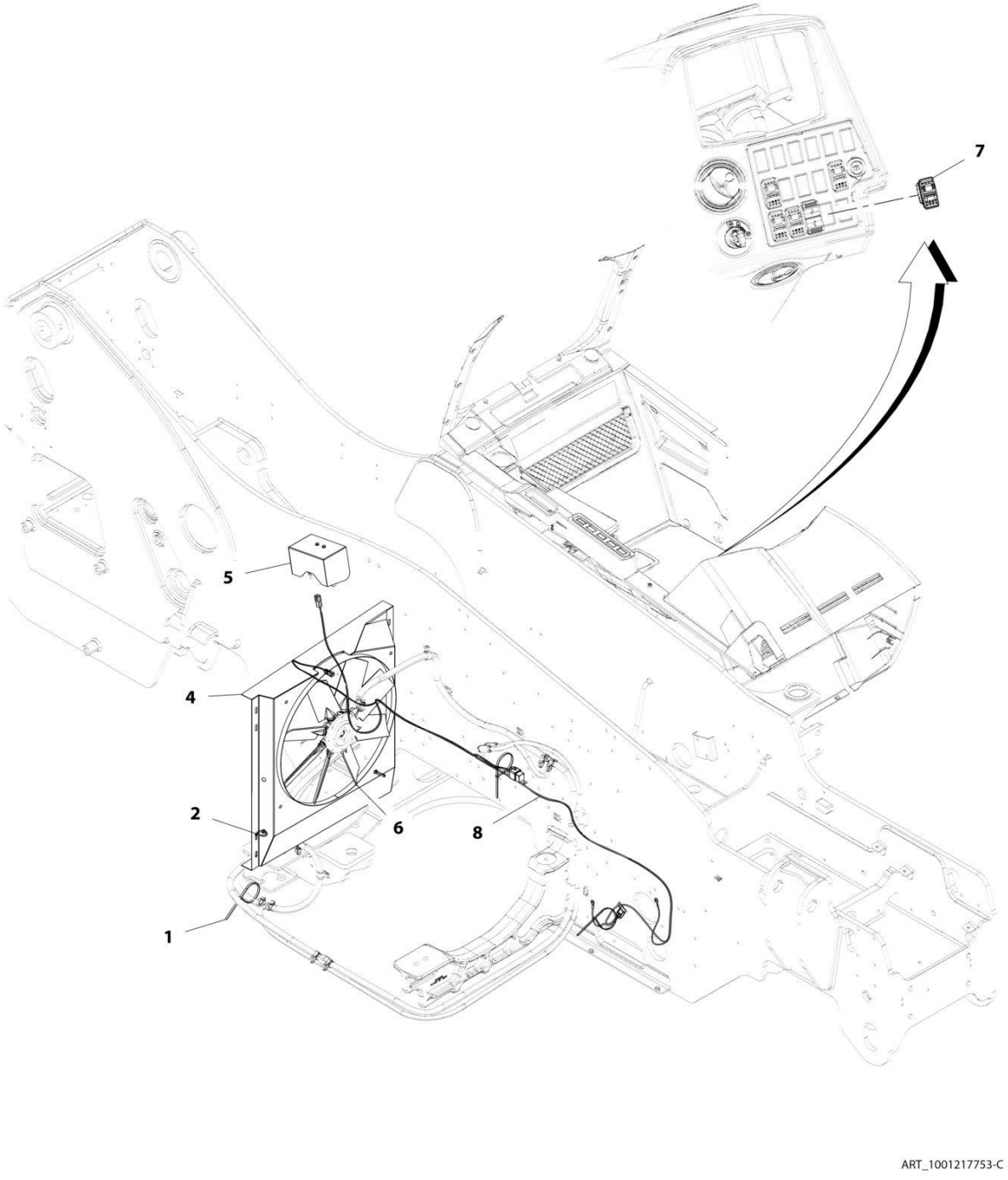
## FIGURE 4-31. COOLING FAN INSTALLATION



## FIGURE 4-31. COOLING FAN INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214123 | Ref | Cooling Fan Installation | A |
| 1 | 0760810 | 4 | Bolt, M8X20 | |
| 2 | 0770815 | 4 | Bolt, M8X35 Grade 10.9 | |
| 3 | 4811900 | 8 | Washer, M8 | |
| 4 | 1001170311 | 1 | Adapter, Fan | |
| 5 | 1001185026 | 1 | Fan | |

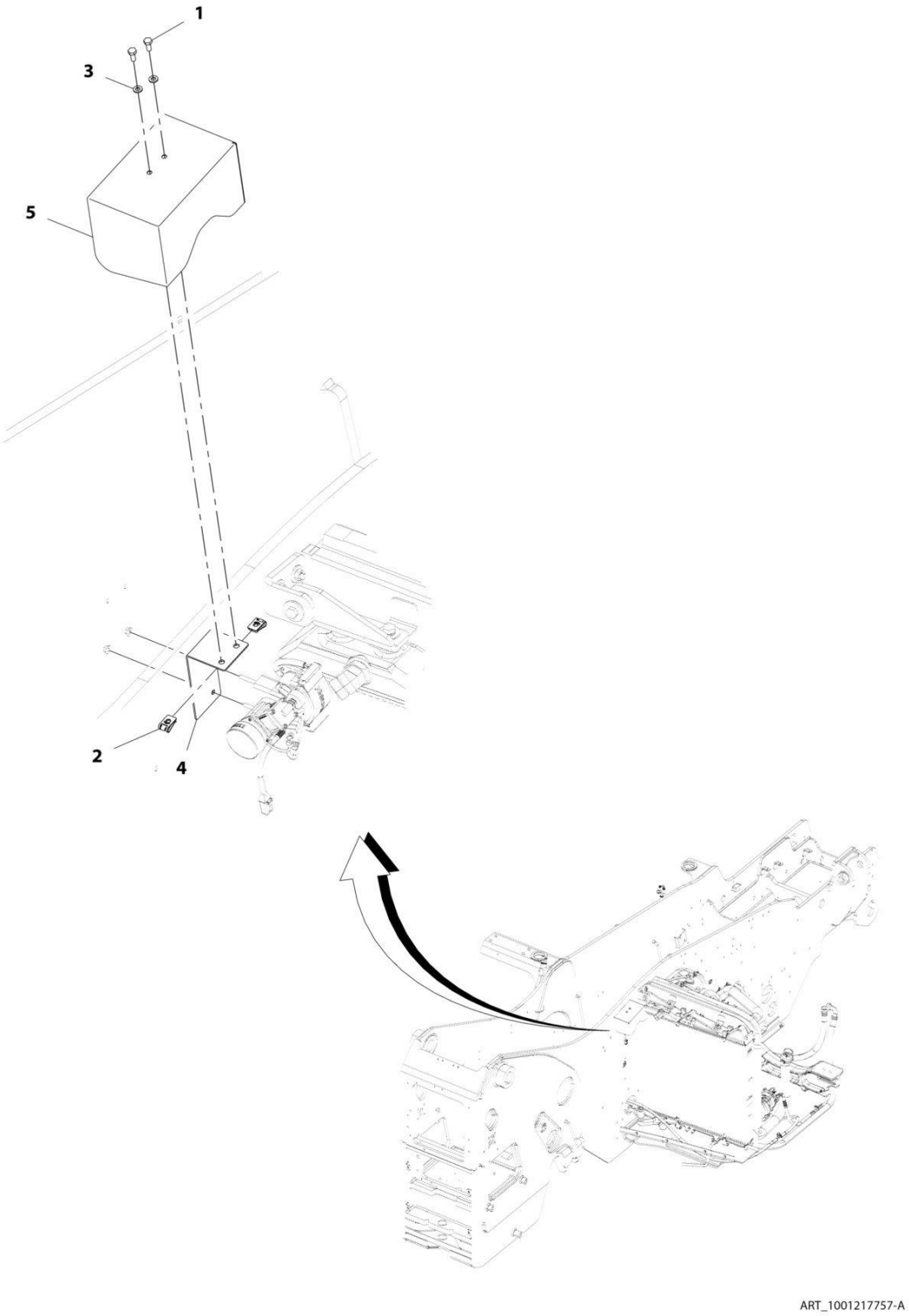
## FIGURE 4-32. COOLING FAN (REVERSING) INSTALLATION



## FIGURE 4-32. COOLING FAN (REVERSING) INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217753 | Ref | Reverse Cooling Fan Installation | C |
| 1 | 1062255 | 3 | Strap, Tie | |
| 2 | 1001146588 | 2 | Strap, Fir Tree Cable Tie | |
| 4 | 1001217756 | 1 | Shroud | |
| 5 | 1001217757 | 1 | Installation, Cover (See Separate Breakdown in this Section) | |
| 6 | 1001217760 | 1 | Kit, Reversing Fan | |
| 6 | 70030353 | 1 | Pneumatic Line | |
| 6 | 70030355 | 1 | Fan, Reverse | |
| 6 | 70030356 | 1 | Compressor | |
| 7 | 1001145204 | 1 | Switch | |
| 8 | 1001221493 | 1 | Harness, Reversing Fan (See Separate Breakdown in ELECTRICAL Section) | |

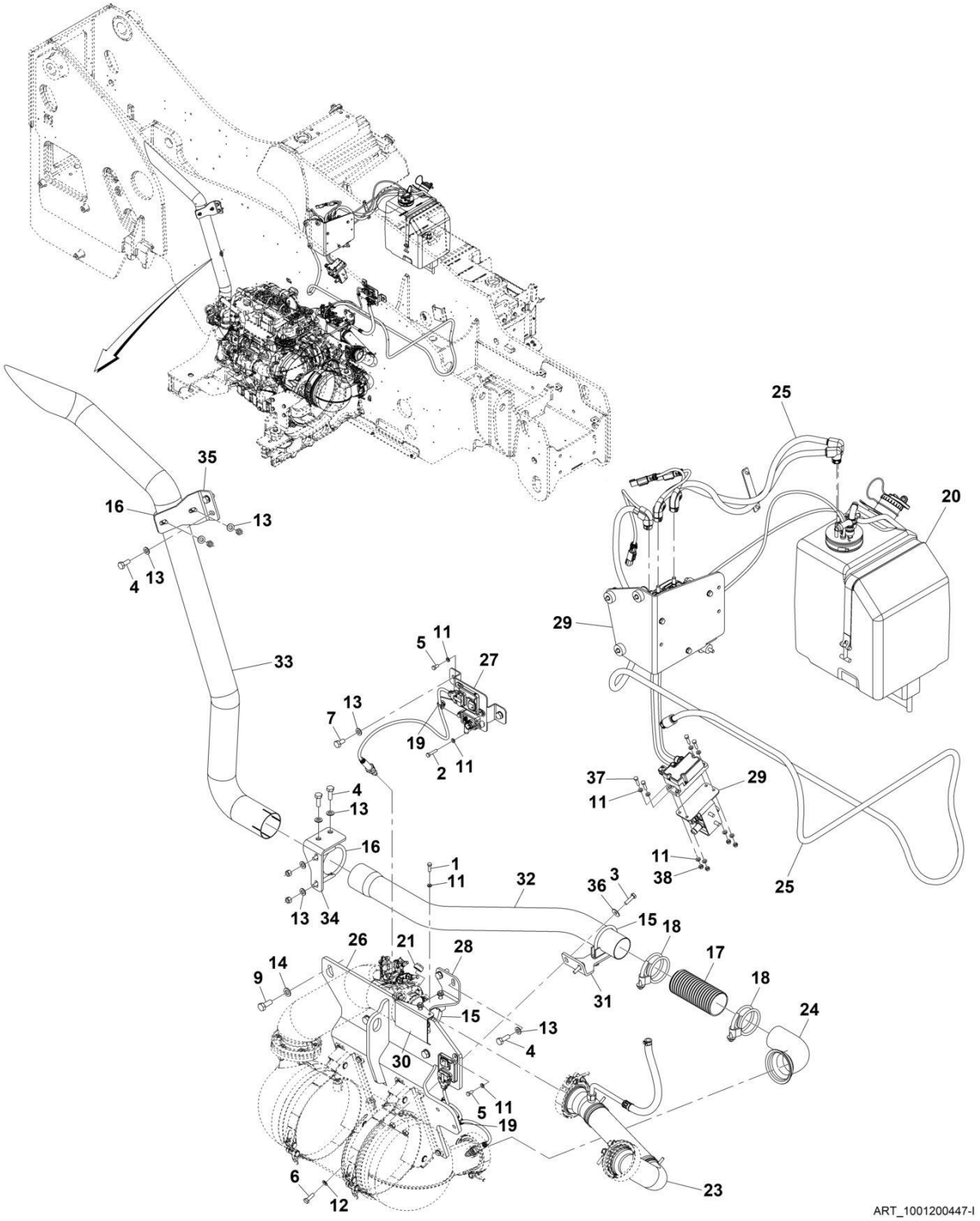
## FIGURE 4-33. COOLING FAN COVER (REVERSING) INSTALLATION



## FIGURE 4-33. COOLING FAN COVER (REVERSING) INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217757 | Ref | Compressor Cover Installation | A |
| 1 | 0760607 | 2 | Bolt, M6X14 | |
| 2 | 8305919 | 2 | Nut, M6 | |
| 3 | 8307219 | 2 | Washer, M6 | |
| 4 | 1001217758 | 1 | Bracket | |
| 5 | 1001217759 | 1 | Cover | |

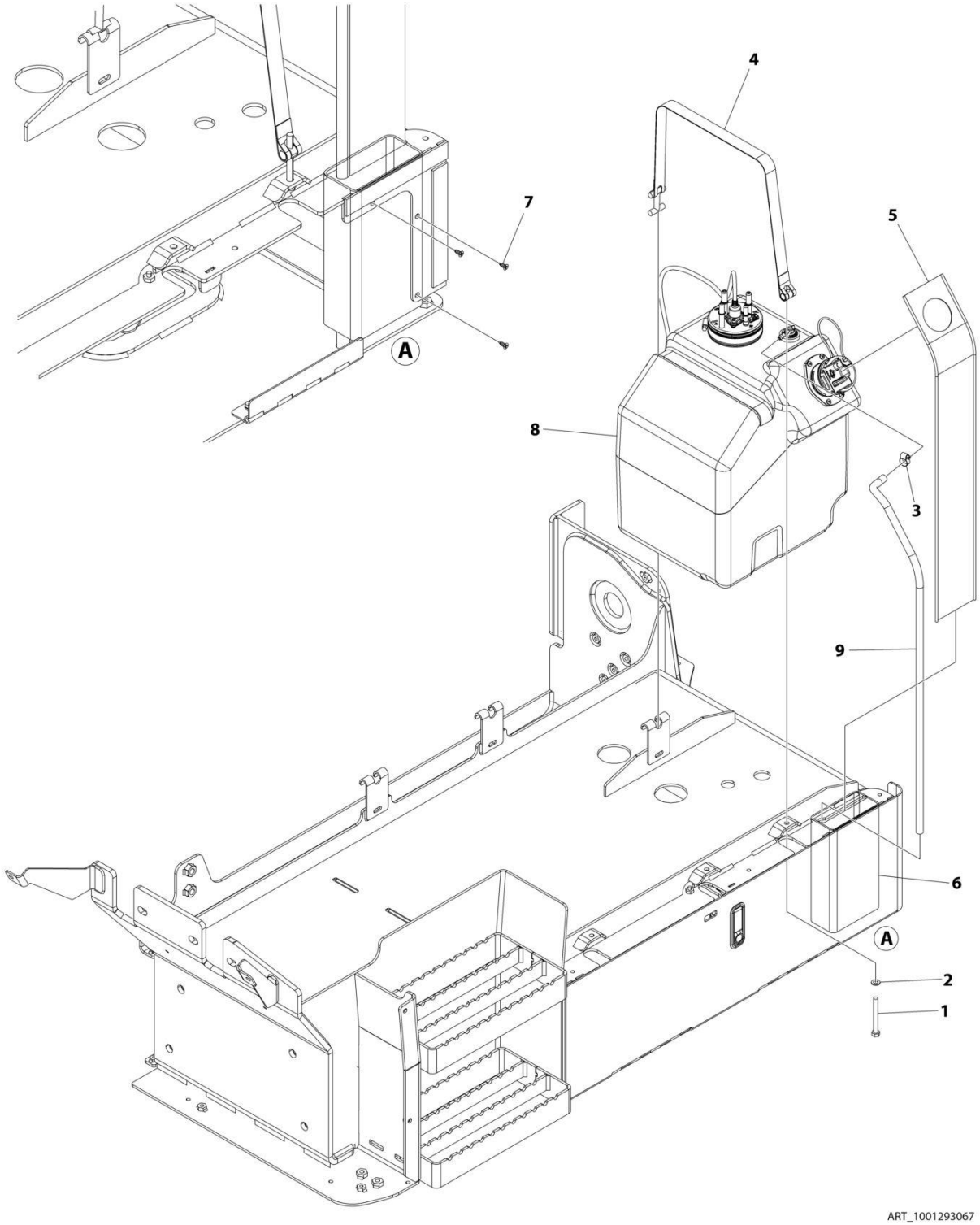
## FIGURE 4-34. EXHAUST INSTALLATION (ULS)



## FIGURE 4-34. EXHAUST INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200447 | Ref | EXHAUST INSTALLATION (ULS) | K |
| 1 | 0700610 | 1 | Bolt M6 x 20 | |
| 2 | 0700614 | 1 | Bolt M6 x 30 | |
| 3 | 0700814 | 2 | Bolt M8 x 30 | |
| 4 | 0701014 | 6 | Bolt M10 x 30 | |
| 5 | 0760607 | 4 | Bolt M6 x 14 | |
| 6 | 0760812 | 8 | Bolt M8 x 25 | |
| 7 | 0761010 | 2 | Bolt M10 x 20 | |
| 9 | 0761214 | 4 | Bolt M12 x 30 | |
| 11 | 4811700 | 6 | Washer M6 | |
| 12 | 4811900 | 8 | Washer M8 | |
| 13 | 4812000 | 12 | Washer M10 | |
| 14 | 4812100 | 4 | Washer M12 | |
| 15 | 8275212 | 2 | Clamp | |
| 16 | 24921332 | 2 | Clamp | |
| 17 | 77213042 | 1 | Tube, Flexible | |
| 18 | 91163268 | 2 | Clamp | |
| 19 | 1001146588 | 3 | Tie-Strap | |
| 20 | 1001293067 | Ref | Installation, DEF Tank (See Separate Breakdown in this Section) | |
| 23 | 1001199902 | 1 | Pipe | |
| 24 | 1001200249 | 1 | Pipe | |
| 25 | 1001293068 | Ref | Installation, DEF Lines (See Separate Breakdown in this Section) | |
| 26 | 1001201856 | 1 | Bracket | |
| 27 | 1001284536 | 1 | Bracket | |
| 28 | 1001201858 | 1 | Support | |
| 29 | 1001202018 | Ref | Installation, DEF Control Module (See Separate Breakdown in this Section) | |
| 30 | 1001202021 | 1 | Plate | |
| 31 | 1001202899 | 1 | Bracket | |
| 32 | 1001204411 | 1 | Pipe | |
| 33 | 1001226797 | 1 | Pipe, Tail | |
| 34 | 1001204413 | 1 | Bracket | |
| 35 | 1001204414 | 1 | Bracket | |
| 36 | 4811902 | 2 | Washer M8 | |
| 39 | 1001004720 | AR | Tie-Strap | |

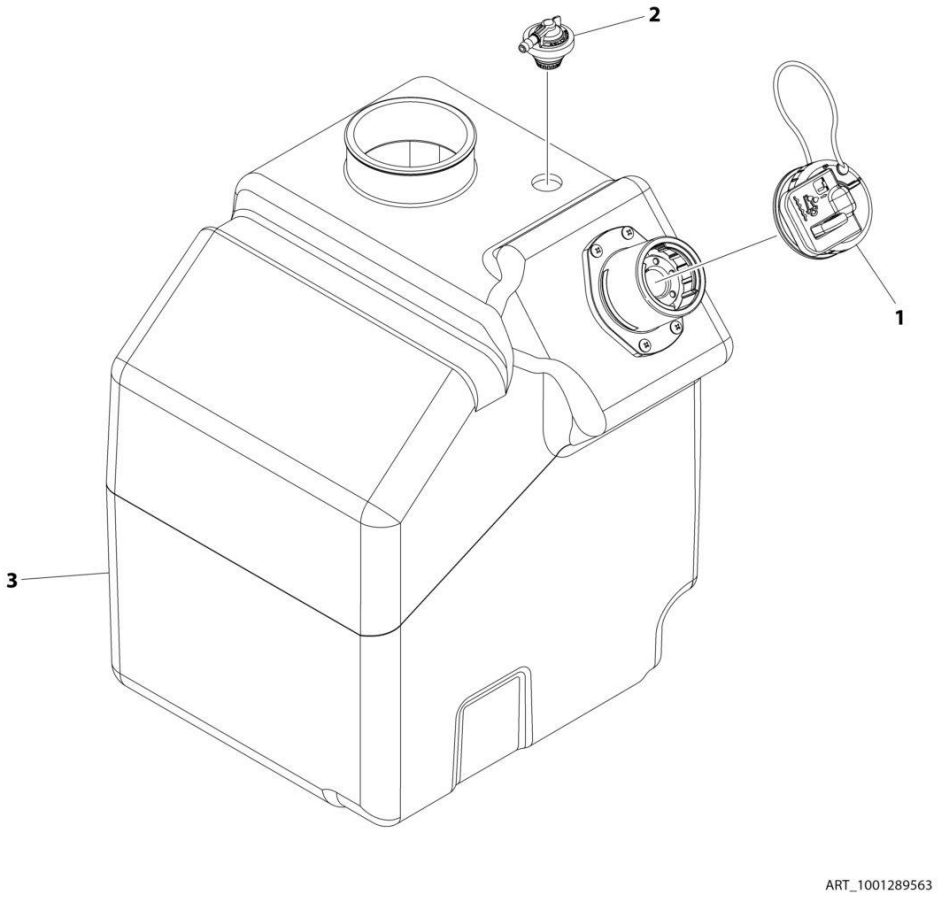
## FIGURE 4-35. DEF TANK INSTALLATION



## FIGURE 4-35. DEF TANK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001293067 | Ref | DEF TANK INSTALLATION | A |
| 1 | 0760823 | 1 | Bolt M8 x 75 | |
| 2 | 4811900 | 1 | Washer M8 | |
| 3 | 8405009 | 1 | Clamp | |
| 4 | 1001178791 | 1 | Strap, Tank | |
| 5 | 1001212924 | 1 | Guard, Spill | |
| 6 | 1001212925 | 1 | Tube, Drain | |
| 7 | 1001226681 | 3 | Screw | |
| 8 | 1001289563 | 1 | Assembly, DEF Tank (See Separate Breakdown in this Section) | |
| 9 | 1001175201 | 32 in /82 cm | Hose | |

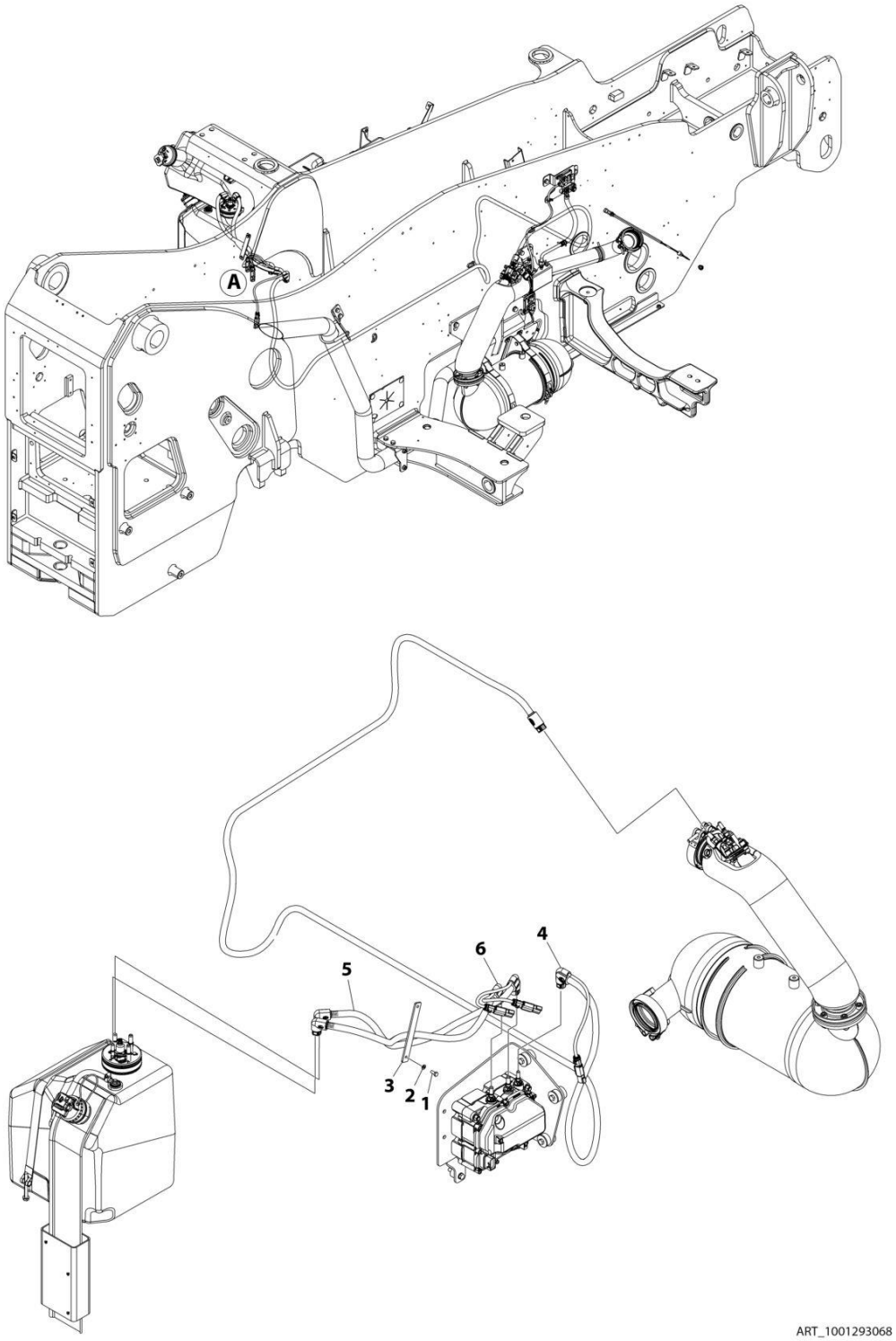
## FIGURE 4-36. DEF TANK ASSEMBLY



## FIGURE 4-36. DEF TANK ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001289563 | Ref | DEF TANK ASSEMBLY | A |
| 1 | 1001174795 | 1 | Reutter Cap Assembly | |
| 2 | 1001215319 | 1 | DEF Breather Valve | |
| 3 | 1001289562 | 1 | DEF Tank | |

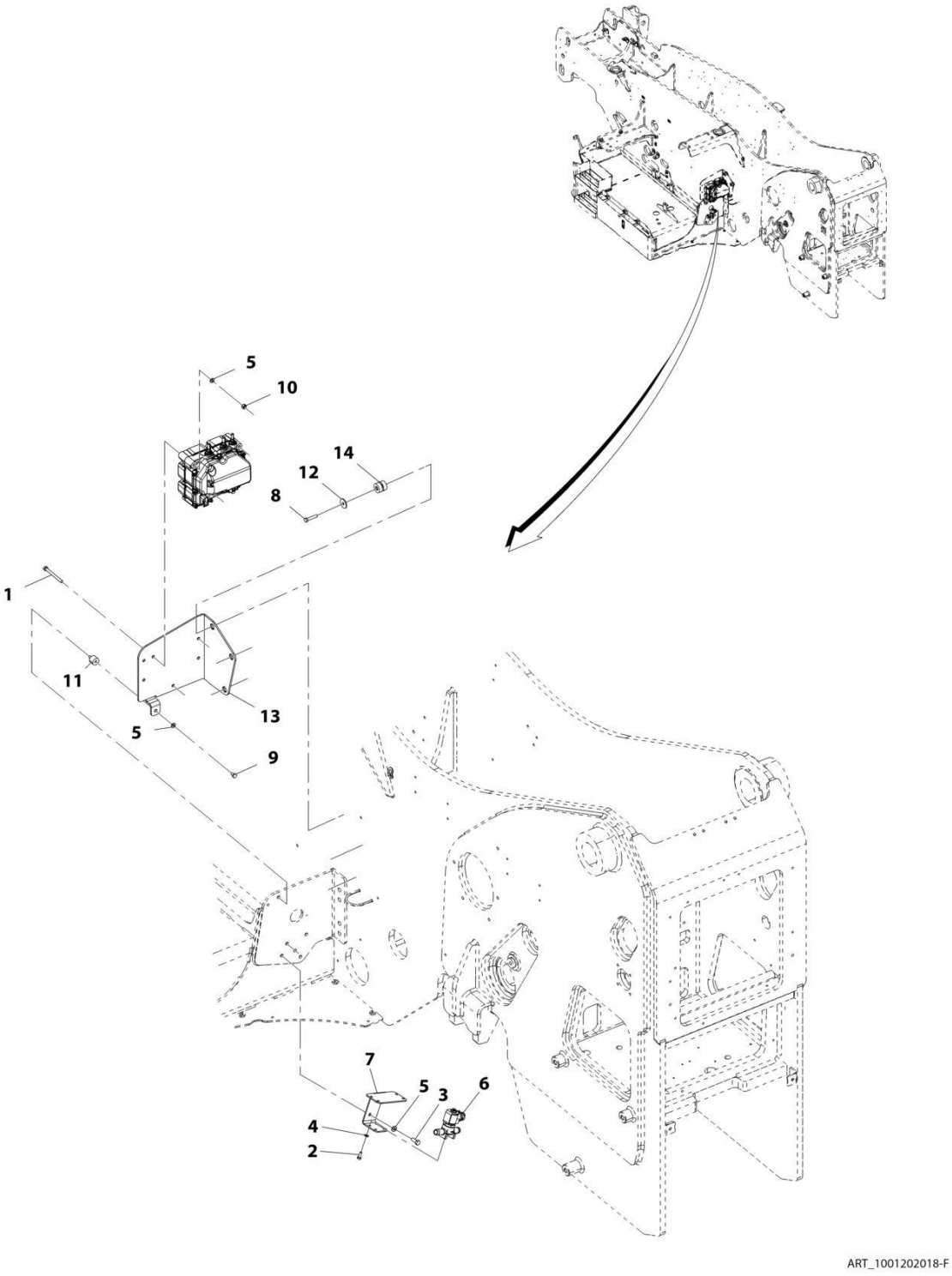
## FIGURE 4-37. DEF LINES INSTALLATION



## FIGURE 4-37. DEF LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001293068 | Ref | DEF LINES INSTALLATION | A |
| 1 | 0760607 | 2 | Bolt M6 x 14 | |
| 2 | 4831700 | 2 | Washer M6 | |
| 3 | 1001173873 | 1 | Plate | |
| 4 | 1001180437 | 1 | Hose | |
| 5 | 1001239878 | 1 | Hose | |
| 6 | 1001239879 | 1 | Hose | |

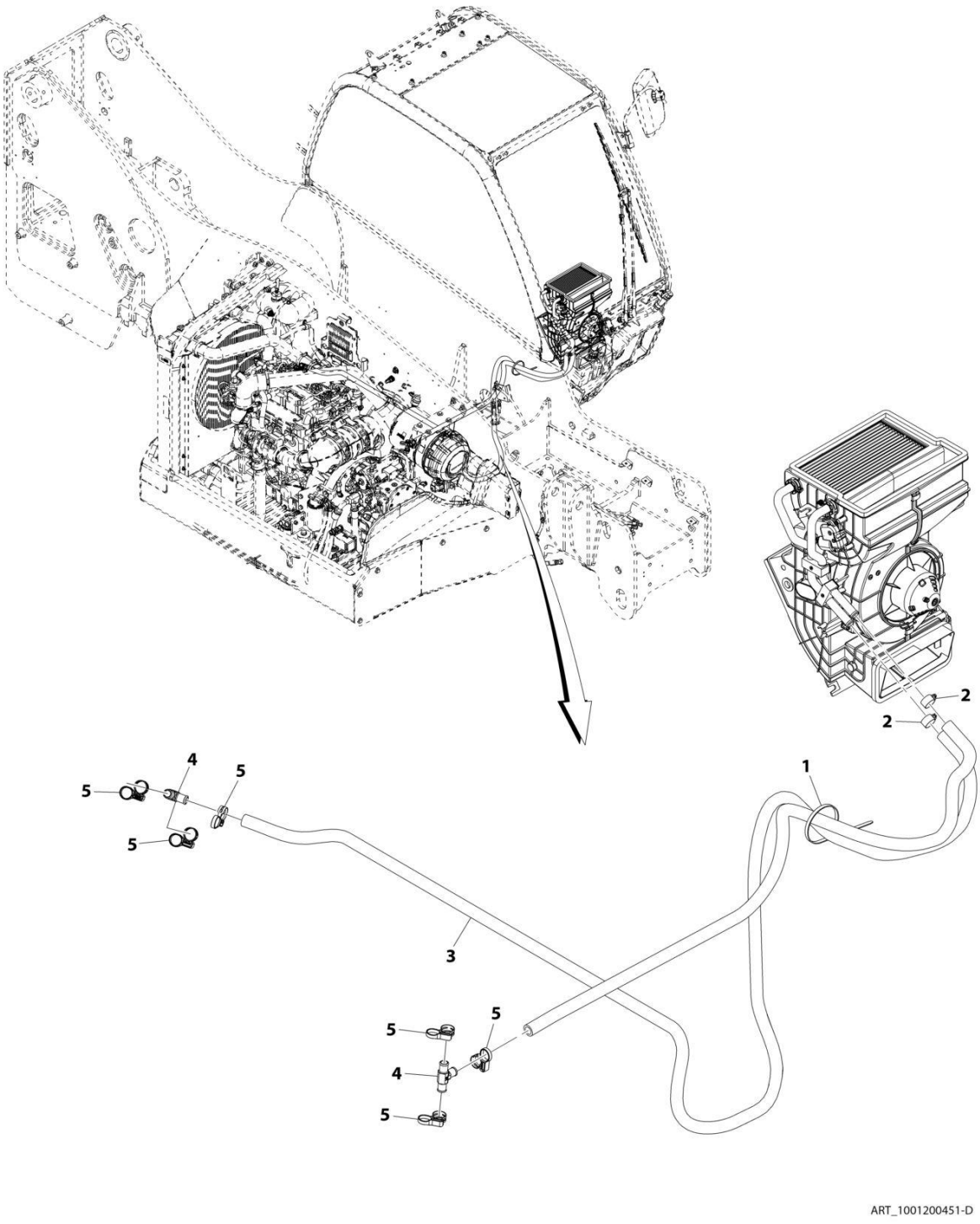
## FIGURE 4-38. DEF CONTROL MODULE INSTALLATION



## FIGURE 4-38. DEF CONTROL MODULE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202018 | Ref | DEF Control Module Installation | F |
| 1 | 0700826 | 3 | Bolt, M8X90 | |
| 2 | 0760608 | 4 | Bolt, M6X16 | |
| 3 | 0760810 | 2 | Bolt, M8X20 | |
| 4 | 4811700 | 4 | Washer, M6 | |
| 5 | 4811900 | 9 | Washer, M8 | |
| 6 | 1001199670 | 1 | Valve, DEF Tank Coolant Flow | |
| 7 | 1001247184 | 1 | Bracket | |
| 8 | 0700816 | 3 | Bolt, M8X40 | |
| 9 | 0760806 | 1 | Bolt, M8X12 | |
| 10 | 3290805 | 3 | Nut, Lock M8X1.25 Grade 8 | |
| 11 | 1001179907 | 1 | Mount, Isolator | |
| 12 | 1001195089 | 3 | Washer | |
| 13 | 1001221349 | 1 | Bracket | |
| 14 | 1001221383 | 3 | Mount, Isolator | |

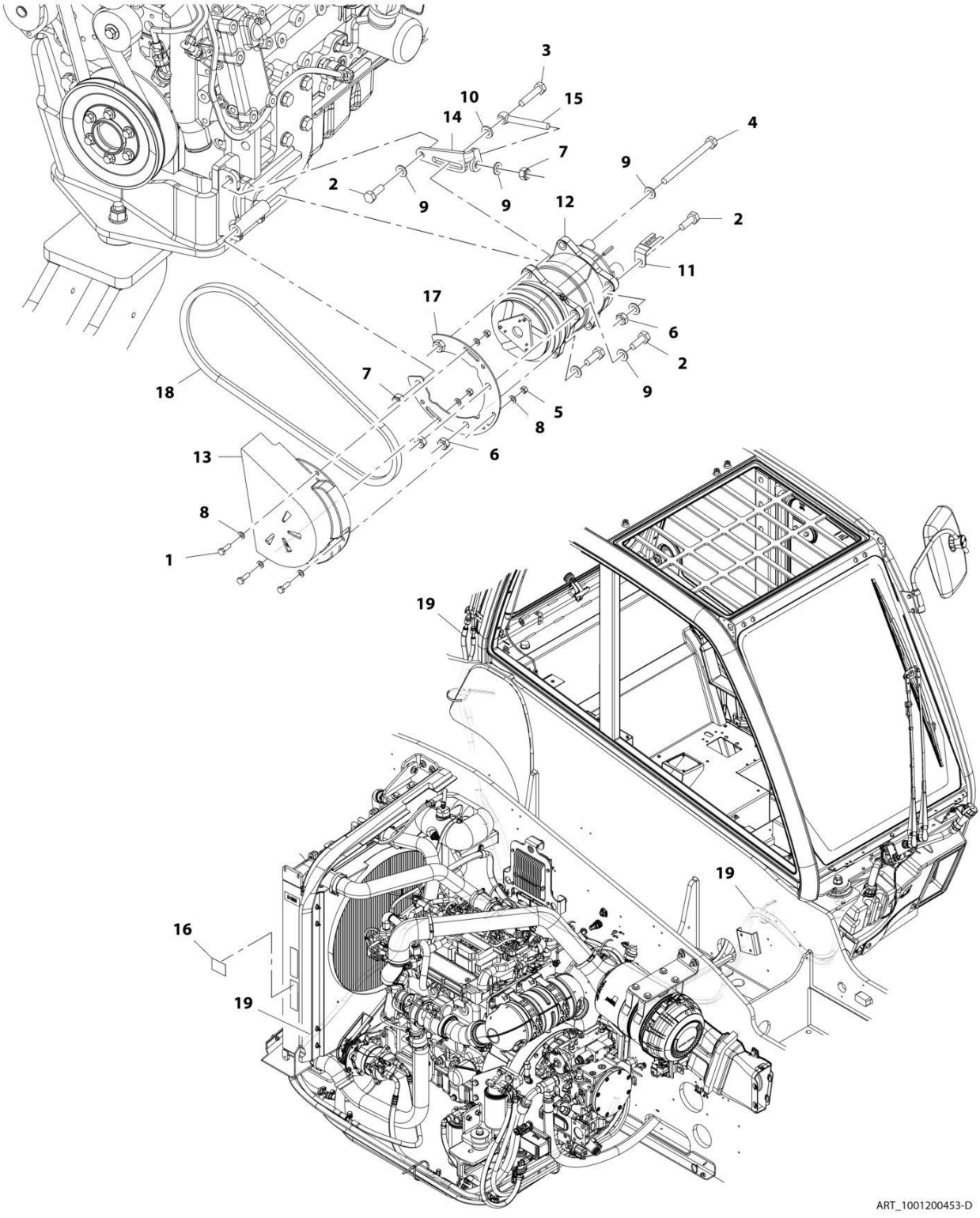
## FIGURE 4-39. HEATER LINES INSTALLATION (ULS)



## FIGURE 4-39. HEATER LINES INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200451 | Ref | Heater Lines Installation (ULS) | D |
| 1 | 1062255 | AR | Strap, Tie | |
| 2 | 8410009 | 2 | Clamp | |
| 3 | 82033995 | 4620 mm | Hose | |
| 4 | 1001170432 | 2 | Fitting, Tee | |
| 5 | 1001202526 | 6 | Clamp | |

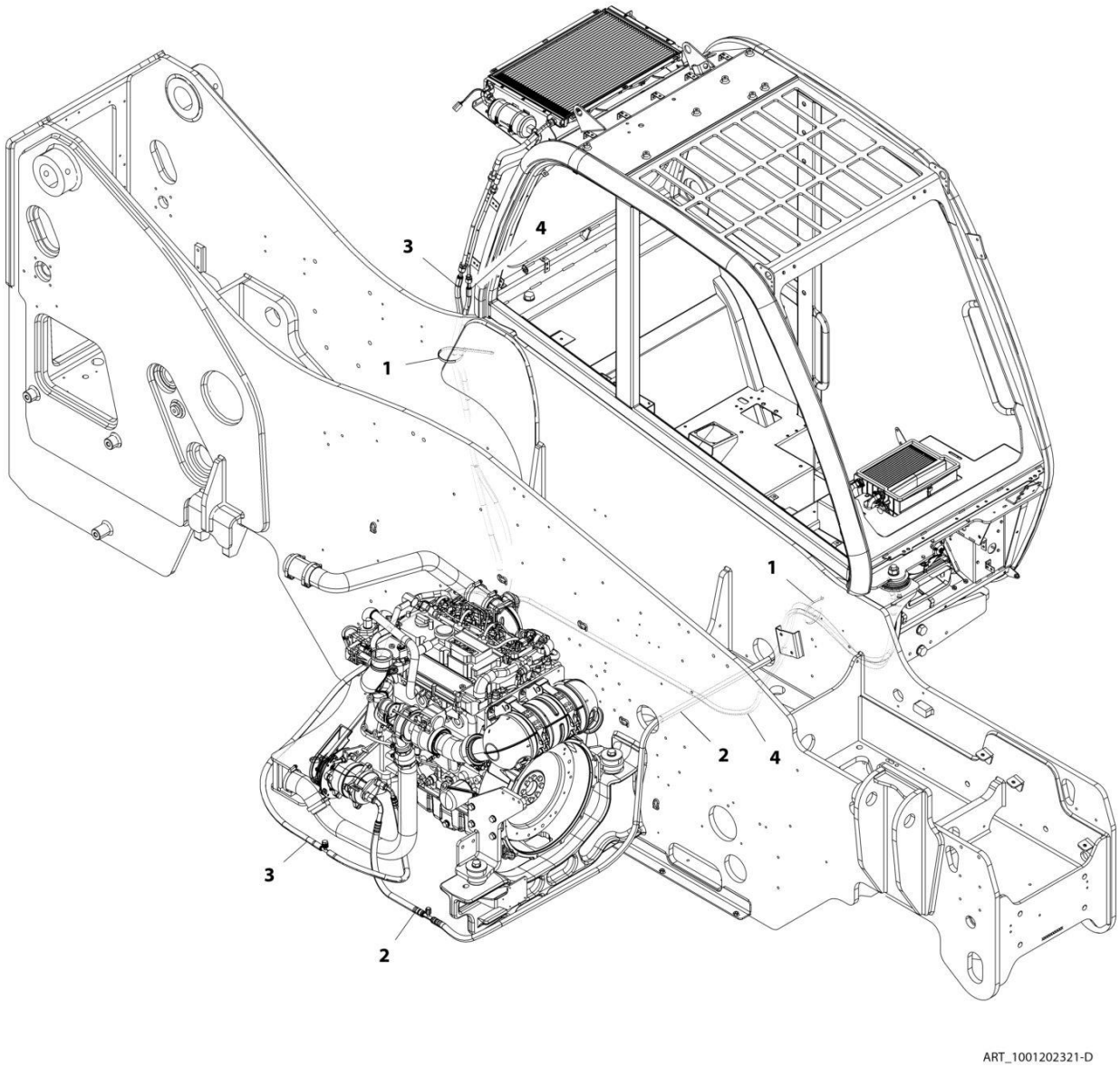
## FIGURE 4-40. A/C PUMP INSTALLATION



## FIGURE 4-40. A/C PUMP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200453 | Ref | A/C Pump Installation | D |
| 1 | 0700610 | 3 | Bolt, M6X20 | |
| 2 | 0701014 | 4 | Bolt, M10X30 | |
| 3 | 0701018 | 1 | Bolt, M10X50 | |
| 4 | 0711030 | 1 | Bolt, M10X130 Grade 10.9 | |
| 5 | 3290605 | 3 | Nut, Lock M6X1 | |
| 6 | 3291001 | 3 | Nut, M10X1.5 | |
| 7 | 3291005 | 2 | Nut, lock M10X1.5 | |
| 8 | 4811700 | 6 | Washer, M6 | |
| 9 | 4812000 | 6 | Washer, M10 | |
| 10 | 5241000 | 1 | Washer, M10 | |
| 11 | 1001003305 | 1 | Clip | |
| 12 | 1001107339 | 1 | Compressor, A/C Clutch | |
| 13 | 1001138945 | 1 | Cover, Compressor | |
| 14 | 1001188855 | 1 | Plate, A/C Belt Tensioner | |
| 15 | 1001188856 | 1 | Rod, Tensioner | |
| 16 | 1001227090 | 1 | Decal, A/C Installation | |
| 17 | 1001193797 | 1 | Support, Cover | |
| 18 | 1001200701 | 1 | Belt, Drive | |
| 19 | 1001202321 | 1 | A/C Lines Installation (See Separate Breakdown in this Section) | |

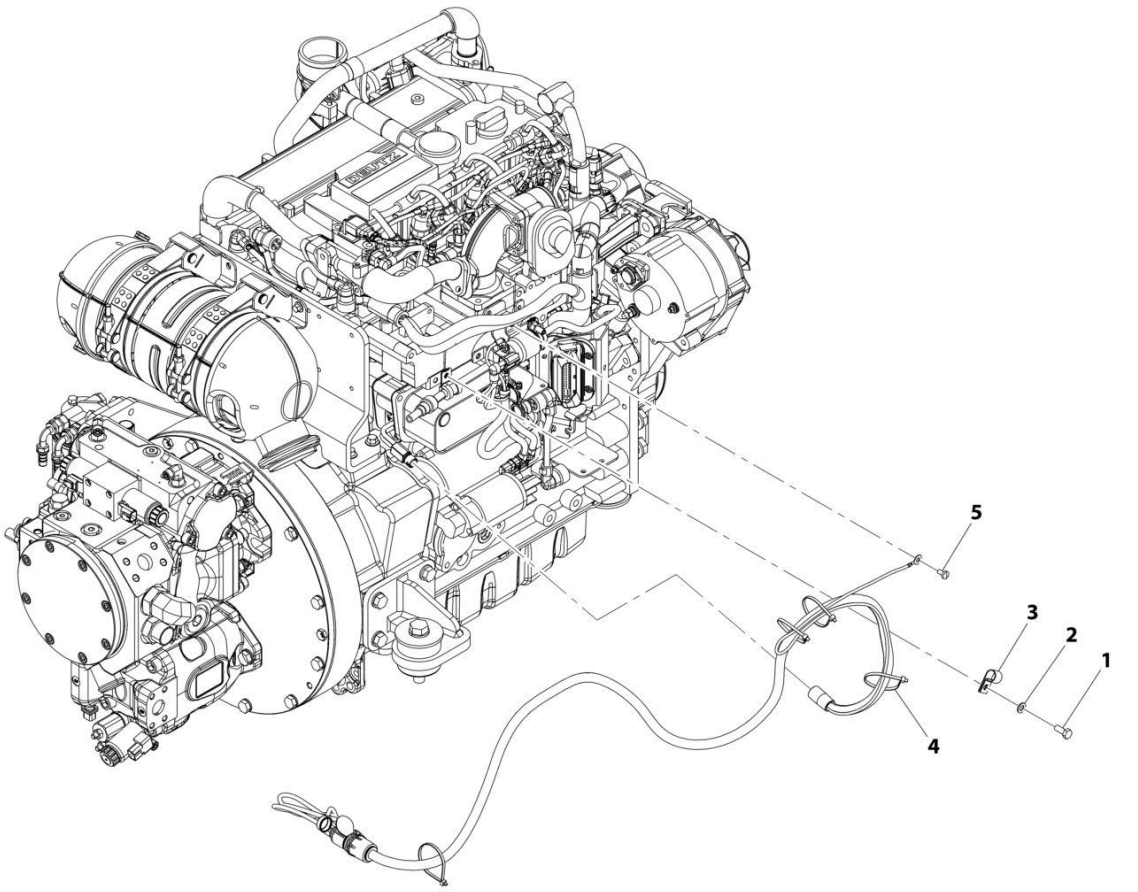
## FIGURE 4-41. A/C LINES INSTALLATION



## FIGURE 4-41. A/C LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202321 | Ref | A/C Lines Installation | D |
| 1 | 1062255 | 2 | Strap, Tie | |
| 2 | 1001216798 | 1 | Hose | |
| 3 | 1001216799 | 1 | Hose | |
| 4 | 1001202325 | 1 | Hose | |

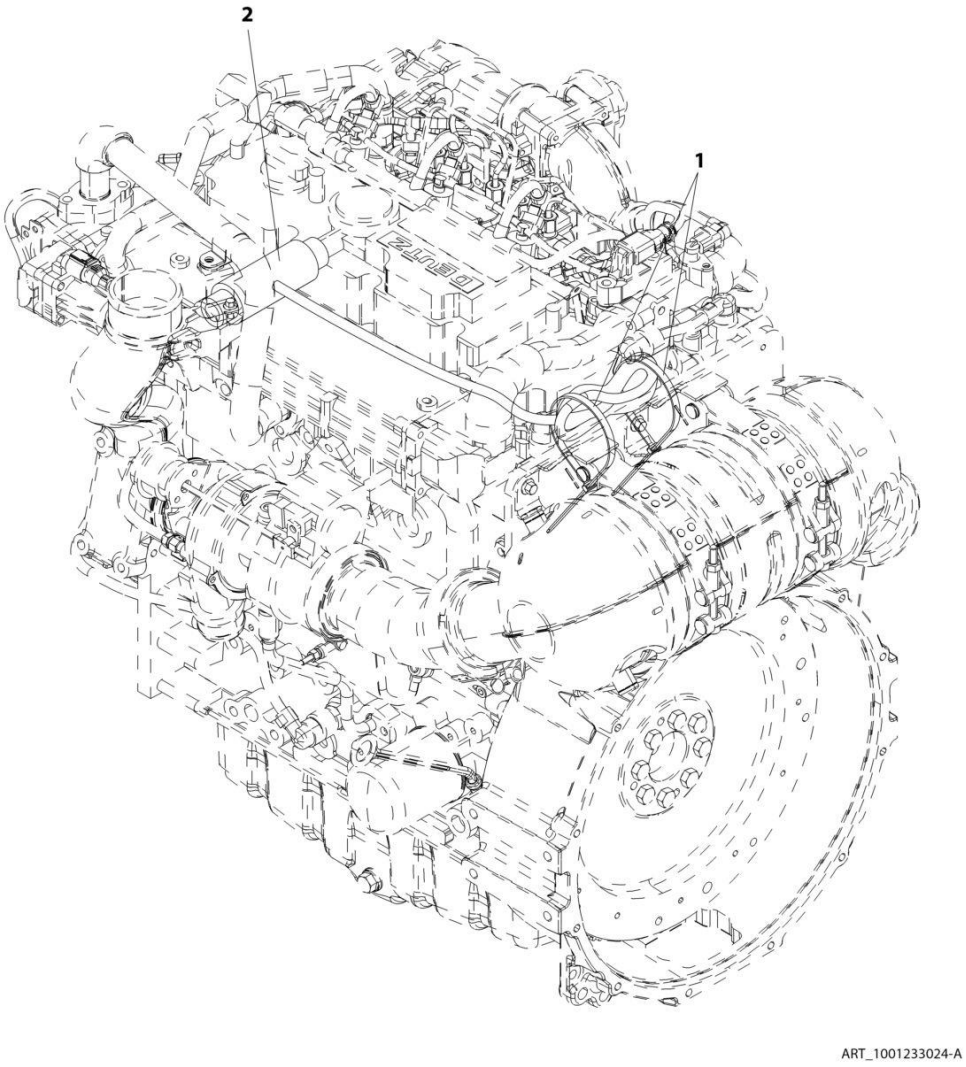
## FIGURE 4-42. BLOCK HEATER INSTALLATION (115V) (ULS)



## FIGURE 4-42. BLOCK HEATER INSTALLATION (115V) (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214349 | Ref | Block Heater Installation (115V) (ULS) | C |
| 1 | 0760810 | 1 | Bolt, M8X20 | |
| 2 | 4811900 | 1 | Washer, M8 | |
| 3 | 8406112 | 1 | Clip | |
| 4 | 1001008559 | 4 | Strap, Cable | |
| 5 | 1001099566 | 1 | Screw, M6-1X12 | |

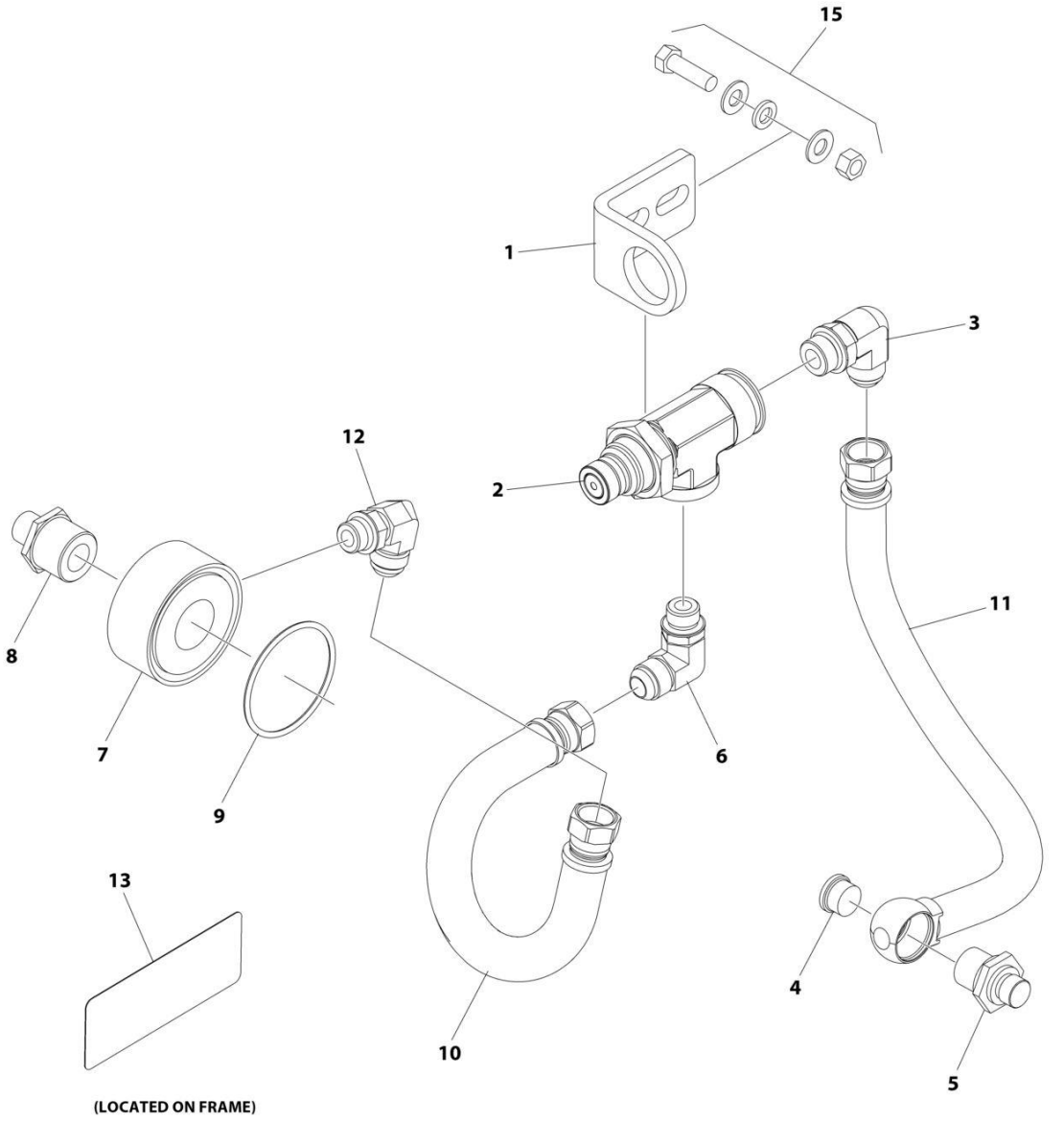
## FIGURE 4-43. HEATED BREATHER TUBE INSTALLATION



## FIGURE 4-43. HEATED BREATHER TUBE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001233024 | Ref | Heated Breather Tube Installation | A |
| 1 | 1062255 | 2 | Strap, Tie | |
| 2 | 1001232509 | 1 | Hose | |

## FIGURE 4-44. QUICK DRAIN OIL VALVE INSTALLATION

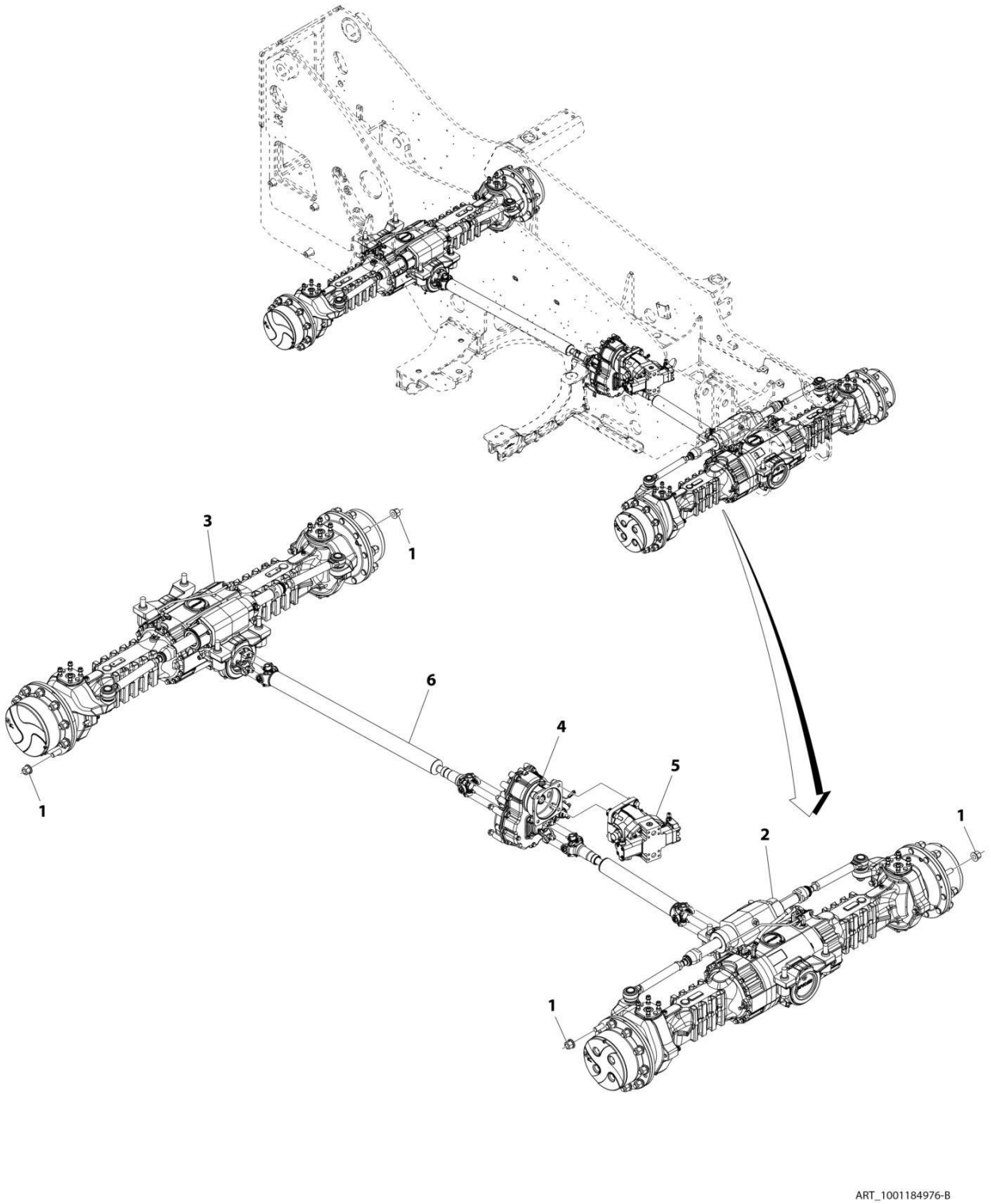


## FIGURE 4-44. QUICK DRAIN OIL VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281473 | Ref | QUICK DRAIN OIL VALVE INSTALLATION | A |
| 1 | 1001281297 | 1 | Bracket | |
| 2 | 1001281298 | 1 | Valve, Small Quickfit | |
| 3 | 1001281301 | 1 | Fitting, 90 | |
| 4 | 1001281304 | 1 | Plug, Quickfit | |
| 5 | 1001281305 | 1 | Fitting, Straight Quickfit | |
| 6 | 1001281307 | 1 | Fitting, 90 | |
| 7 | 1001281309 | 1 | Filter, Ring | |
| 8 | 1001281310 | 1 | Fitting, Straight | |
| 9 | 1001281311 | 1 | O-Ring | |
| 10 | 1001283991 | 1 | Hose | |
| 11 | 1001283992 | 1 | Hose | |
| 12 | 1001281359 | 1 | Fitting, 90 | |
| 13 | 1001281360 | 1 | Decal - RPM Quickfit | |
| 14 | 1001281656 | 1 | Tie-Strap (Not Shown) | |
| 15 | 1001281888 | 2 | Bolt 3/8-16 x 1-1/4 | |

# SECTION 5 - DRIVE TRAIN

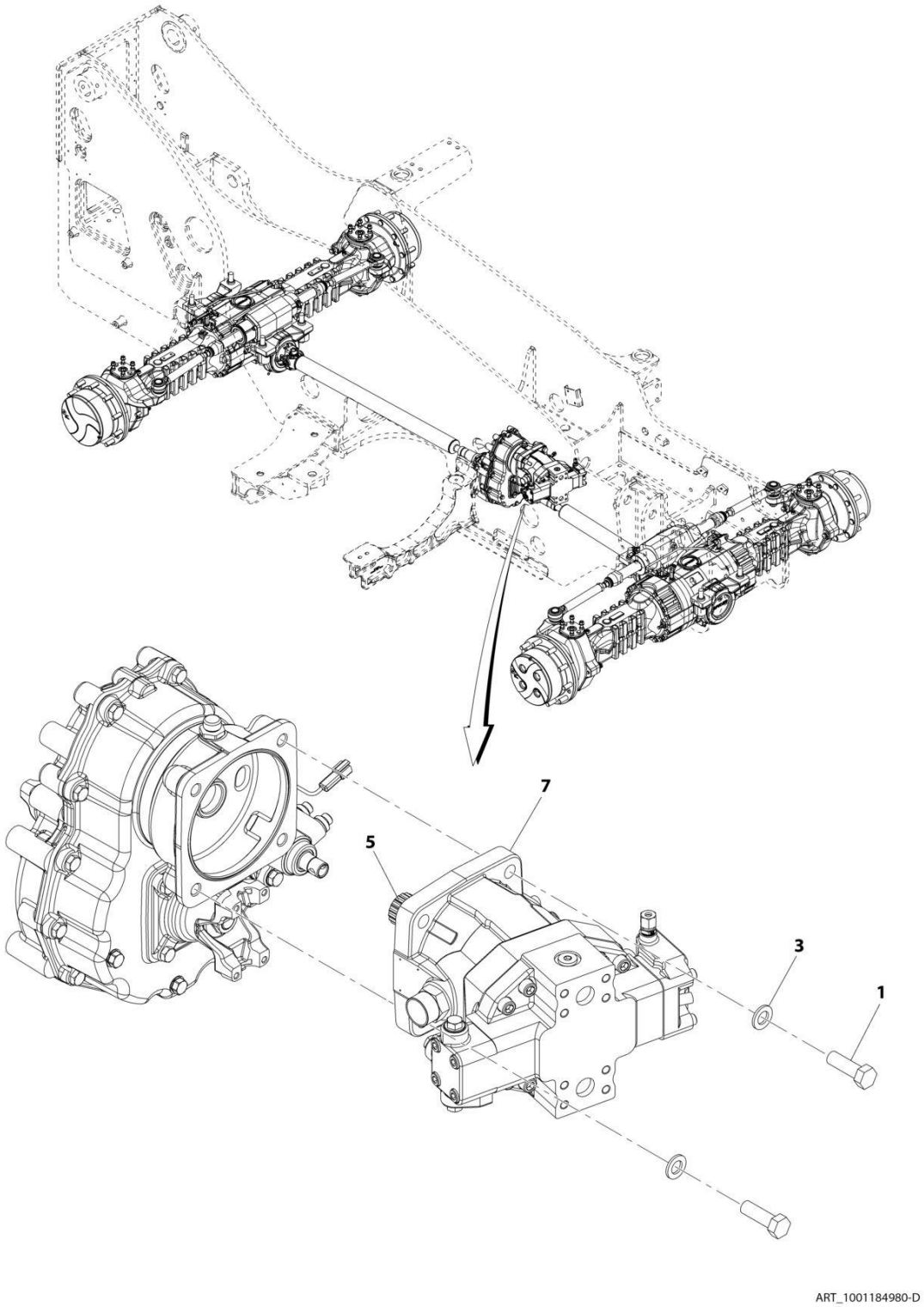
## FIGURE 5-1. DRIVETRAIN INSTALLATION



## FIGURE 5-1. DRIVETRAIN INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184976 | Ref | Drivetrain Installation | B |
| 1 | 91403193 | 40 | Nut, Lug M22X1.5 | |
| 2 | 1001184977 | Ref | Installation, Front Axle (See Separate Breakdown in this Section) | |
| 3 | 1001184978 | Ref | Installation, Rear Axle (See Separate Breakdown in this Section) | |
| 4 | 1001184979 | Ref | Installation, Gearbox (See Separate Breakdown in this Section) | |
| 5 | 1001184980 | Ref | Installation, Hydrostatic Motor (See Separate Breakdown in this Section) | |
| 6 | 1001184981 | Ref | Installation, Drive Shaft (See Separate Breakdown in this Section) | |

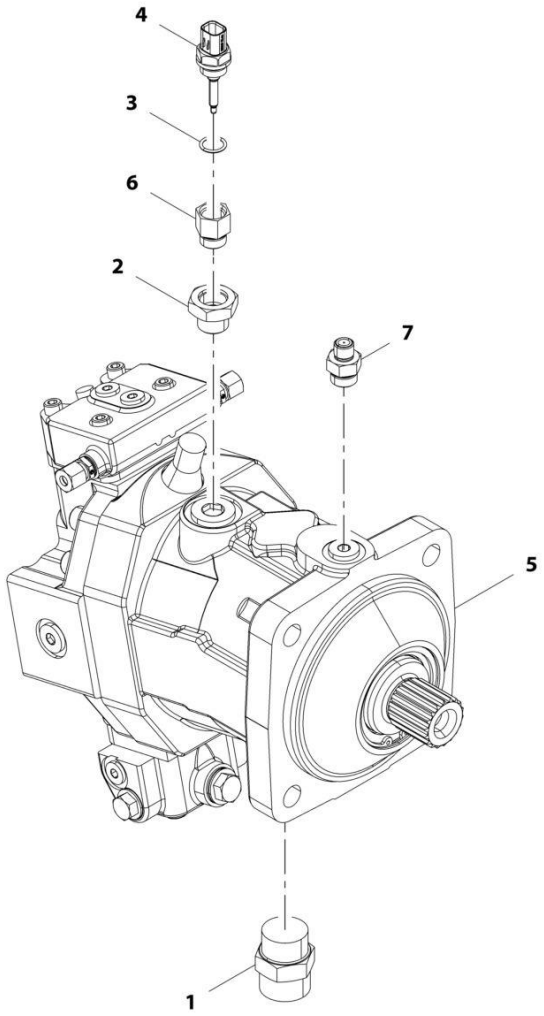
## FIGURE 5-2. HYDROSTATIC MOTOR INSTALLATION



## FIGURE 5-2. HYDROSTATIC MOTOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184980 | Ref | Hydrostatic Motor Installation | D |
| 1 | 0771618 | 4 | Bolt, M16X50 | |
| 3 | 4812300 | 4 | Washer, M16 | |
| 5 | 3020037 | AR | Lube, Grease | |
| 7 | 1001217620 | 1 | Assembly, Hydrostatic Drive Motor (See Separate Breakdown in this Section) | |

## FIGURE 5-3. HYDROSTATIC MOTOR ASSEMBLY

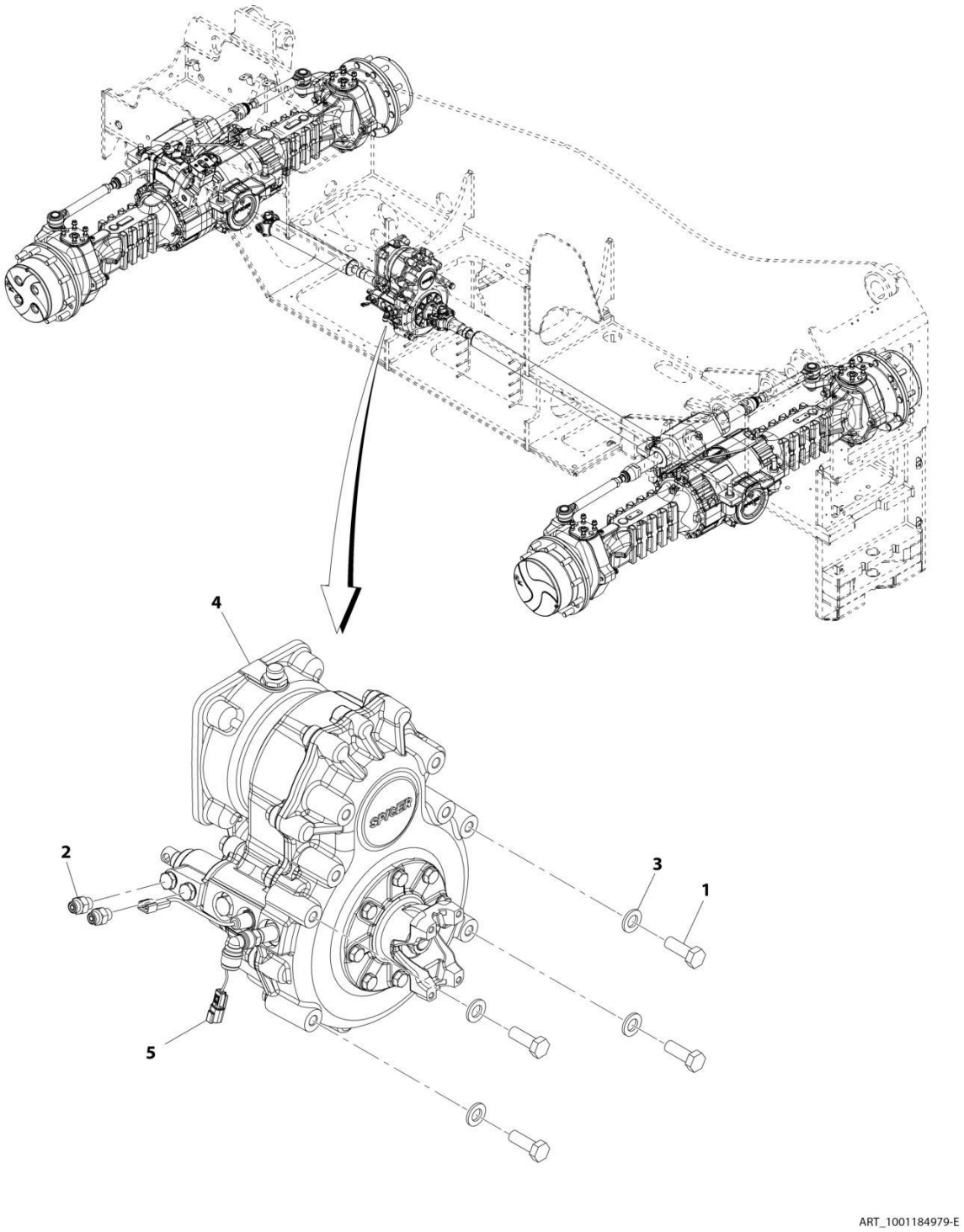



ART_1001217620-B

## FIGURE 5-3. HYDROSTATIC MOTOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217620 | Ref | Hydrostatic Motor Assembly | B |
| 1 | 2111616 | 1 | Fitting, Straight ORFS | |
| 2 | 2220811 | 1 | Fitting, Straight | |
| 3 | 1001009163 | 1 | O-Ring | |
| 4 | 1001128478 | 1 | Sensor | |
| 5 | 1001193308 | 1 | Motor, Hydrostatic (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 6 | 1001220760 | 1 | Fitting, Straight | |
| 7 | 1001217669 | 1 | Fitting, Straight | |

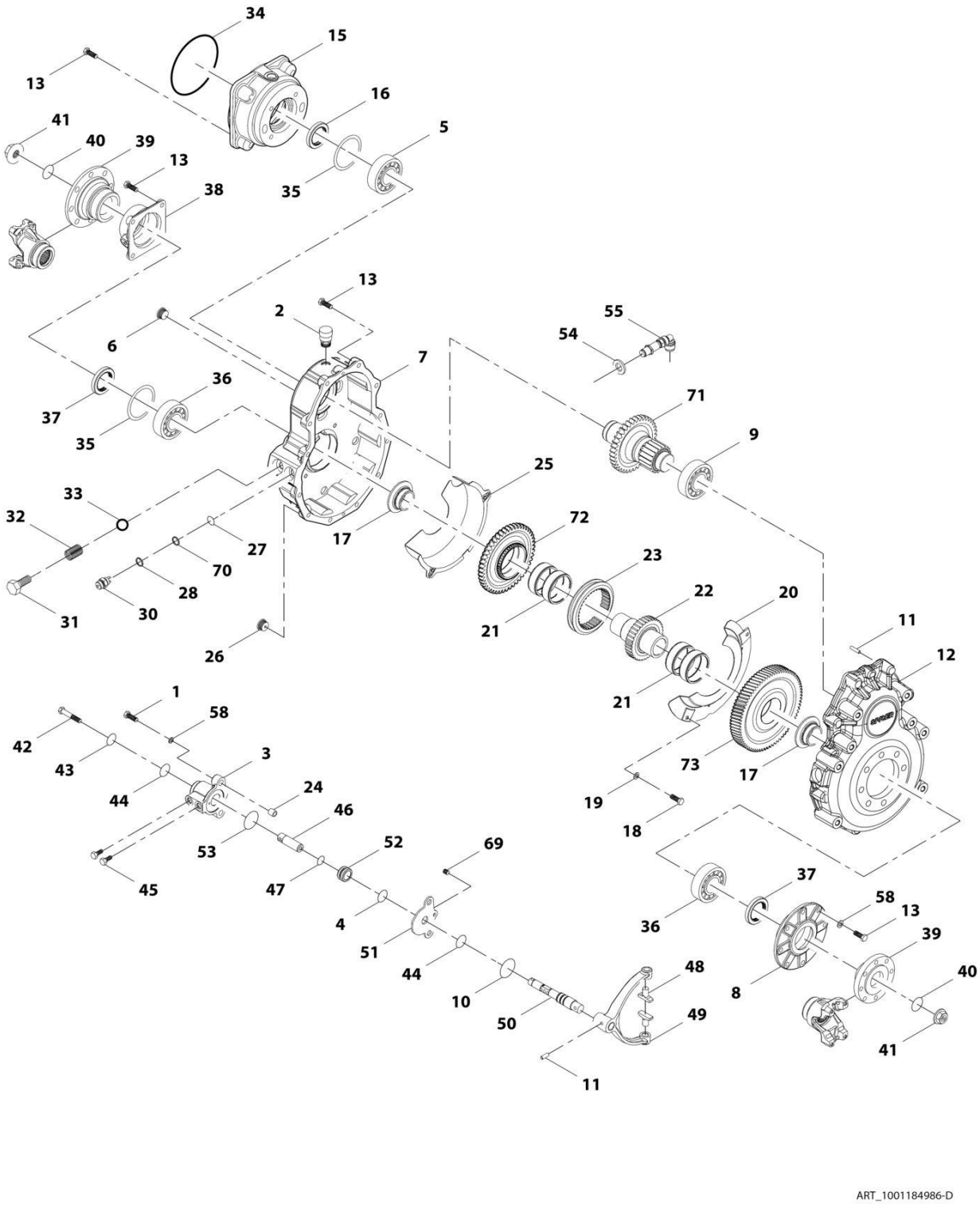
**FIGURE 5-4. GEARBOX INSTALLATION**



## FIGURE 5-4. GEARBOX INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184979 | Ref | Gearbox Installation | E |
| 1 | 0771416 | 4 | Bolt, M14-2X40 Grade 10.9 | |
| 2 | 2144603 | 1 | Fitting, Straight ORFS | |
| 3 | 5241400 | 4 | Washer, M14 | |
| 4 | 1001184986 | 1 | Gearbox (See Separate Breakdown in this Section) | |
| 5 | 1001229981 | 1 | Harness, Vehicle Speed Pigtail (See Separate Breakdown in ELECTRICAL Section) | |

## FIGURE 5-5. GEAR BOX



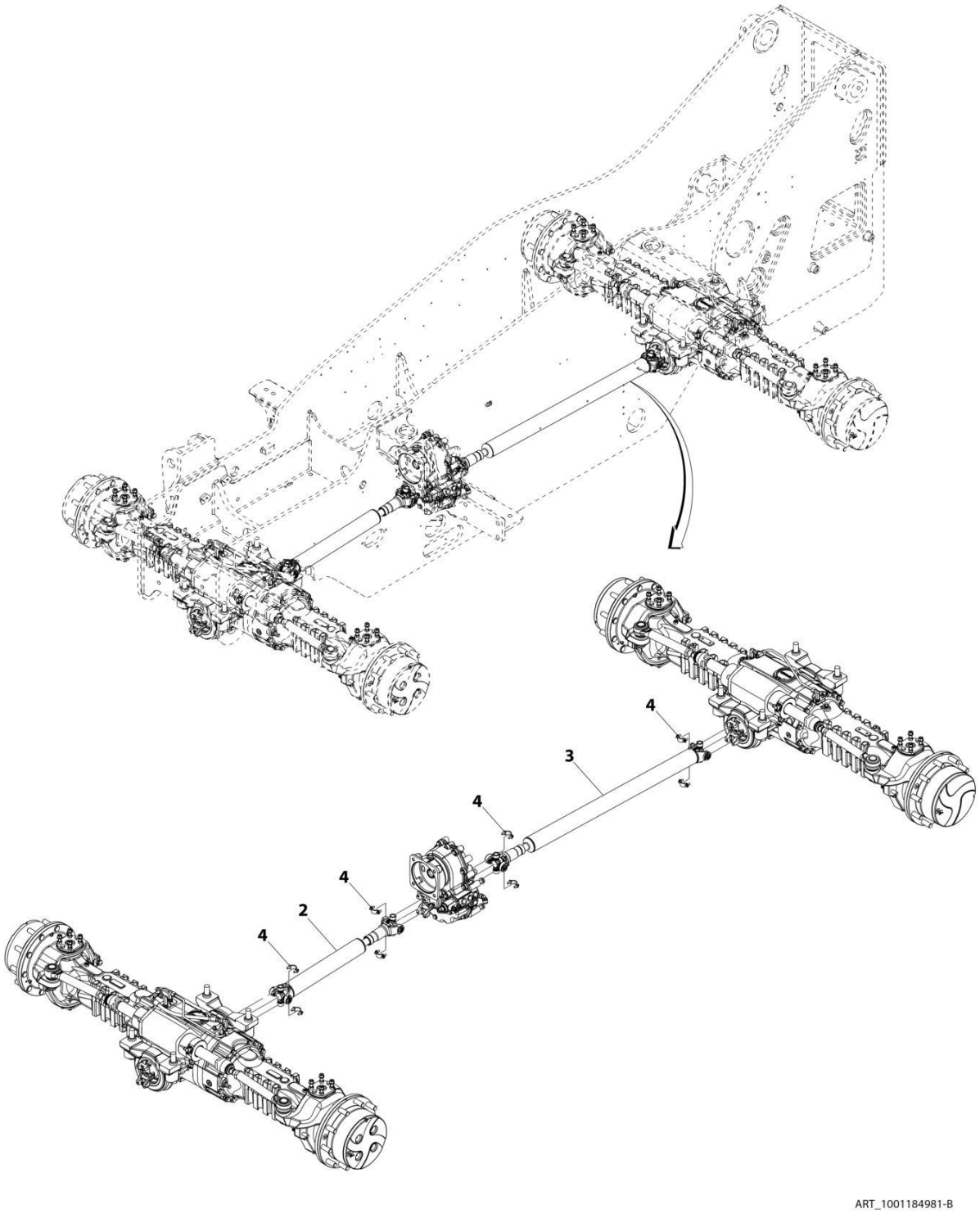

ART_1001184986-D

## FIGURE 5-5. GEAR BOX

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184986 | Ref | Gear box | D |
| 1 | 70028817 | 2 | Bolt | |
| 2 | 70028818 | 1 | Plug | |
| 3 | 70028819 | 1 | Cylinder | |
| 4 | 70028820 | 1 | O-Ring | |
| 5 | 91514146 | 1 | Bearing, Ball | |
| 6 | 80204016 | 1 | Plug | |
| 7 | 70028821 | 1 | Housing | |
| 8 | 70028822 | 1 | Cover | |
| 9 | 70026904 | 1 | Bearing, Ball | |
| 10 | 3986405 | 1 | O-Ring | |
| 11 | 70026892 | 3 | Dowel | |
| 12 | 70028823 | 1 | Housing | |
| 13 | 70026911 | 28 | Bolt | |
| 15 | 70026897 | 1 | Cover | |
| 16 | 70026896 | 1 | Seal | |
| 17 | 70028824 | 2 | Spacer | |
| 18 | 70026909 | 2 | Bolt | |
| 19 | 70027110 | 2 | Washer, Lock | |
| 20 | 70028825 | 1 | Plate, Cover | |
| 21 | 70028826 | 4 | Bearing | |
| 22 | 70028827 | 1 | Shaft | |
| 23 | 70028828 | 1 | Sleeve | |
| 24 | 70028829 | 2 | Pin | |
| 25 | 70026908 | 1 | Sheet | |
| 26 | 80204007 | 1 | Plug | |
| 27 | 1001081085 | 1 | O-Ring | |
| 28 | 80203020 | 1 | Washer | |
| 30 | 70028830 | 1 | Switch | |
| 31 | 70028831 | 1 | Bolt | |
| 32 | 80203021 | 1 | Spring | |
| 33 | 70020276 | 1 | Ball, Detend | |
| 34 | 80204176 | 1 | O-Ring | |
| 35 | 70027862 | 2 | Kit, Shim | |
| 36 | 91474364 | 2 | Bearing, Ball | |
| 37 | 70026901 | 2 | Seal | |
| 38 | 70028832 | 1 | Cover | |
| 39 | 70026898 | 2 | Flange | |
| 40 | 80204215 | 2 | O-Ring | |
| 41 | 70026631 | 2 | Nut | |
| 42 | 70028833 | 1 | Bolt | |
| 43 | 70028834 | 1 | O-Ring | |
| 44 | 70028835 | 2 | Sleeve | |
| 45 | 91514154 | 2 | Bolt | |
| 46 | 70028836 | 1 | Bar | |
| 47 | 70027109 | 1 | O-Ring | |
| 48 | 70028837 | 2 | Pin | |
| 49 | 70028838 | 1 | Fork, Selector | |
| 50 | 70028839 | 1 | Shaft | |
| 51 | 70028840 | 1 | Plate, Cover | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 52 | 70028841 | 1 | Piston | |
| 53 | 70028842 | 1 | O-Ring | |
| 54 | 70028844 | 1 | Washer | |
| 55 | 70028801 | 1 | Sensor, Speed | |
| 58 | 70028843 | 10 | Washer | |
| 69 | 70028845 | 1 | Bolt | |
| 70 | 70026927 | 1 | Washer, Seal | |
| 71 | 70028846 | 1 | Shaft, Input | |
| 72 | 70028847 | 1 | Gear | |
| 73 | 70028848 | 1 | Gear | |

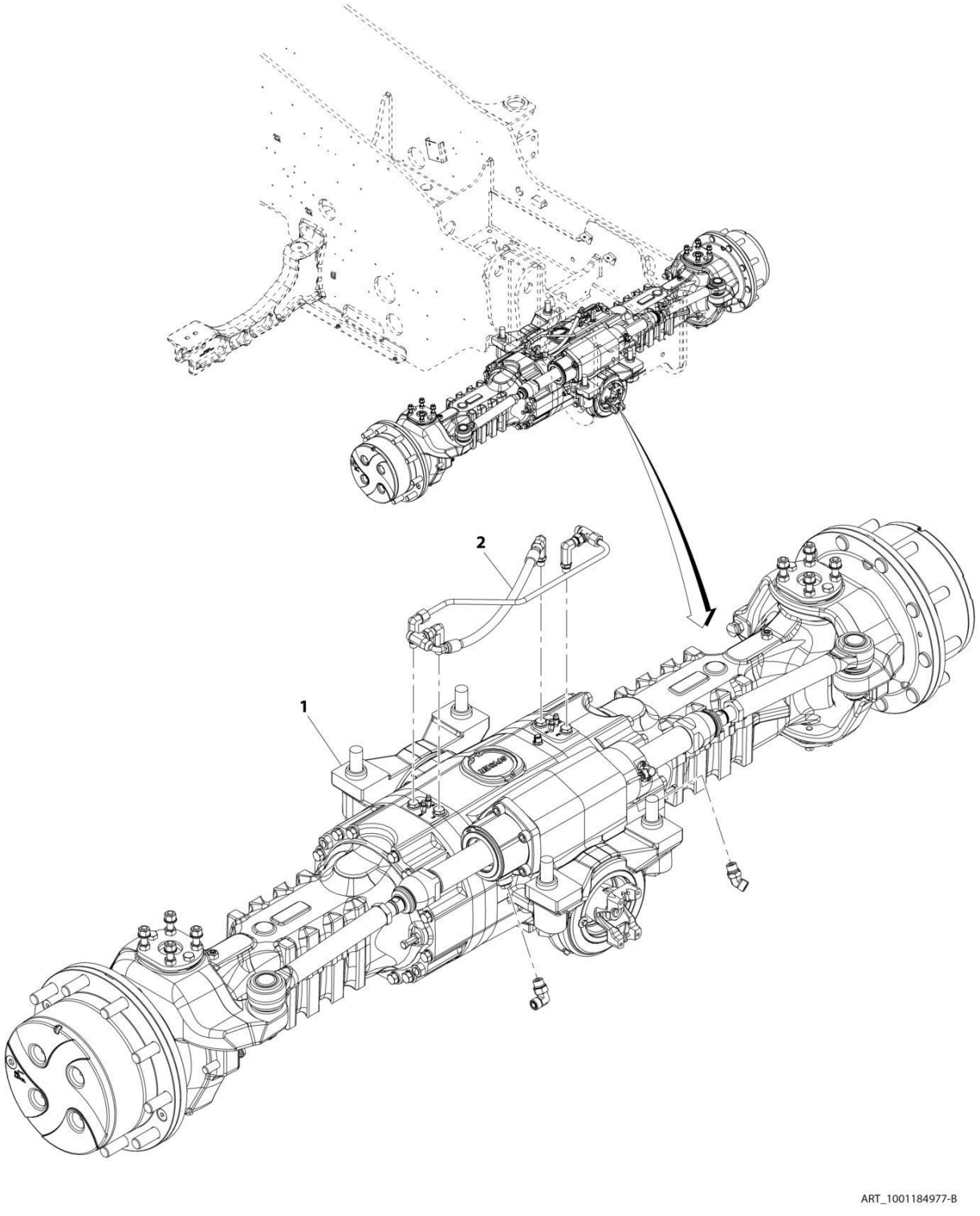
## FIGURE 5-6. DRIVE SHAFT INSTALLATION



## FIGURE 5-6. DRIVE SHAFT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184981 | Ref | Drive Shaft Installation | B |
| 2 | 1001184987 | 1 | Assembly, Drive Shaft | |
| 3 | 1001184988 | 1 | Assembly, Drive Shaft | |
| 4 | 8880219-OM | 4 | Kit, Strap | |

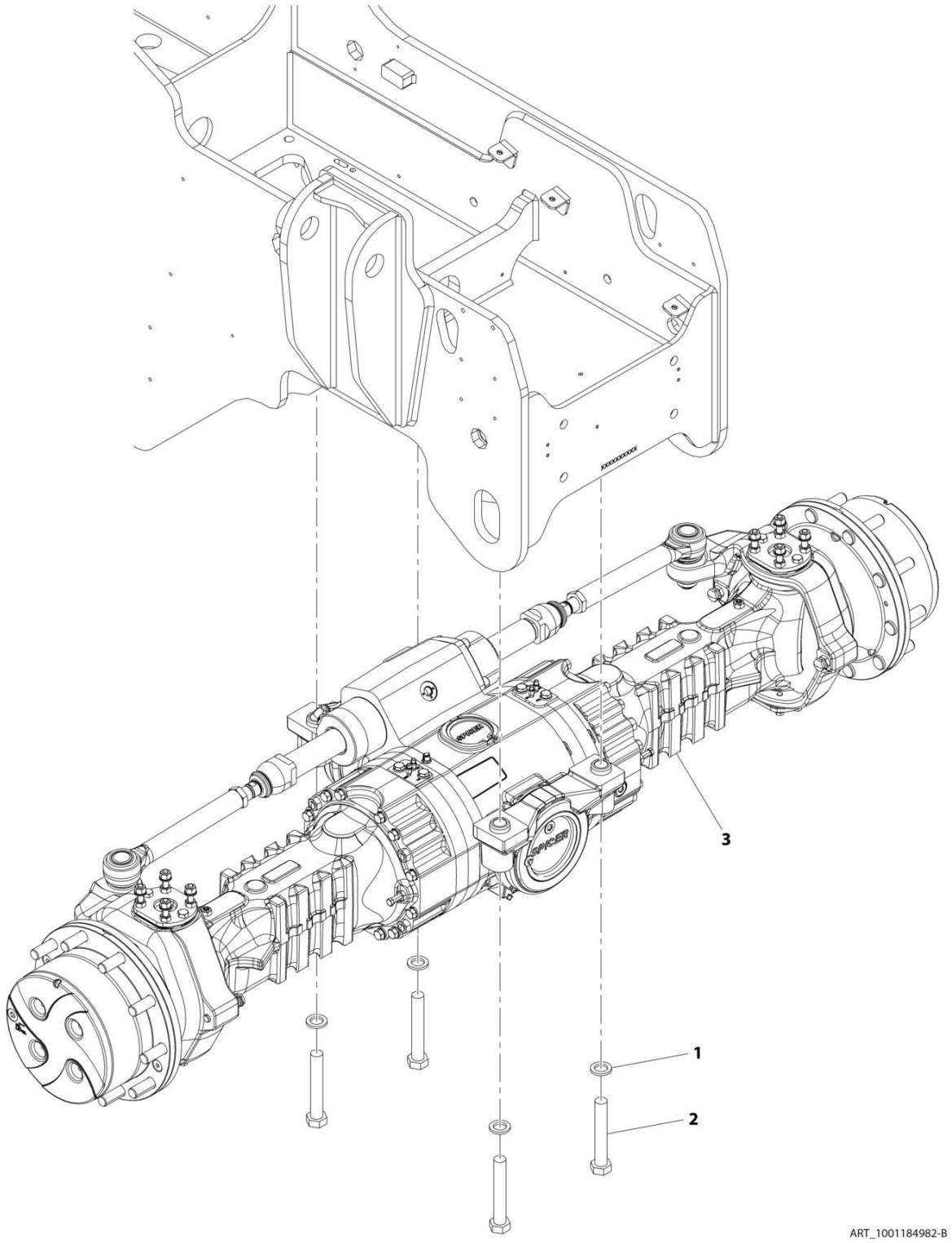
## FIGURE 5-7. FRONT AXLE INSTALLATION



## FIGURE 5-7. FRONT AXLE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184977 | Ref | Front Axle Installation | B |
| 1 | 1001184982 | Ref | Installation, Front Axle Mounting (See Separate Breakdown in this Section) | |
| 2 | 1001207898 | Ref | Installation, Front Axle Lines (See Separate Breakdown in this Section) | |

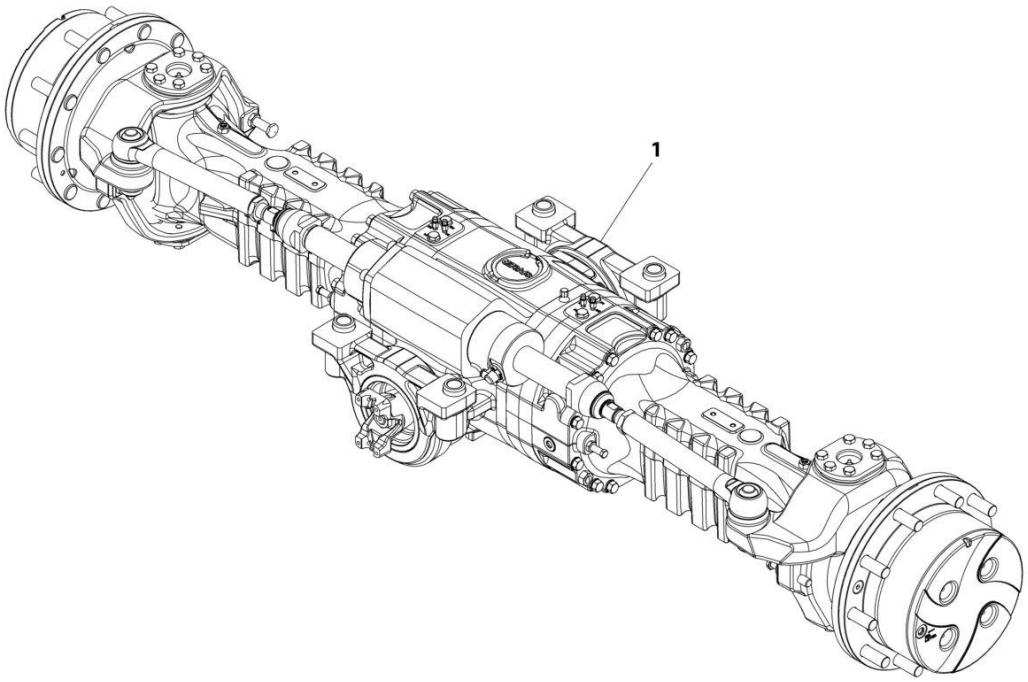
## FIGURE 5-8. FRONT AXLE MOUNTING INSTALLATION



## FIGURE 5-8. FRONT AXLE MOUNTING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184982 | Ref | Front Axle Mounting Installation | B |
| 1 | 4892600 | 4 | Washer | |
| 2 | 1001097587 | 4 | Bolt, M24-3X150 Grade 10.9 | |
| 3 | 1001184984 | 1 | Axle, Front (See Separate Breakdown in this Section) | |

**FIGURE 5-9. FRONT AXLE**

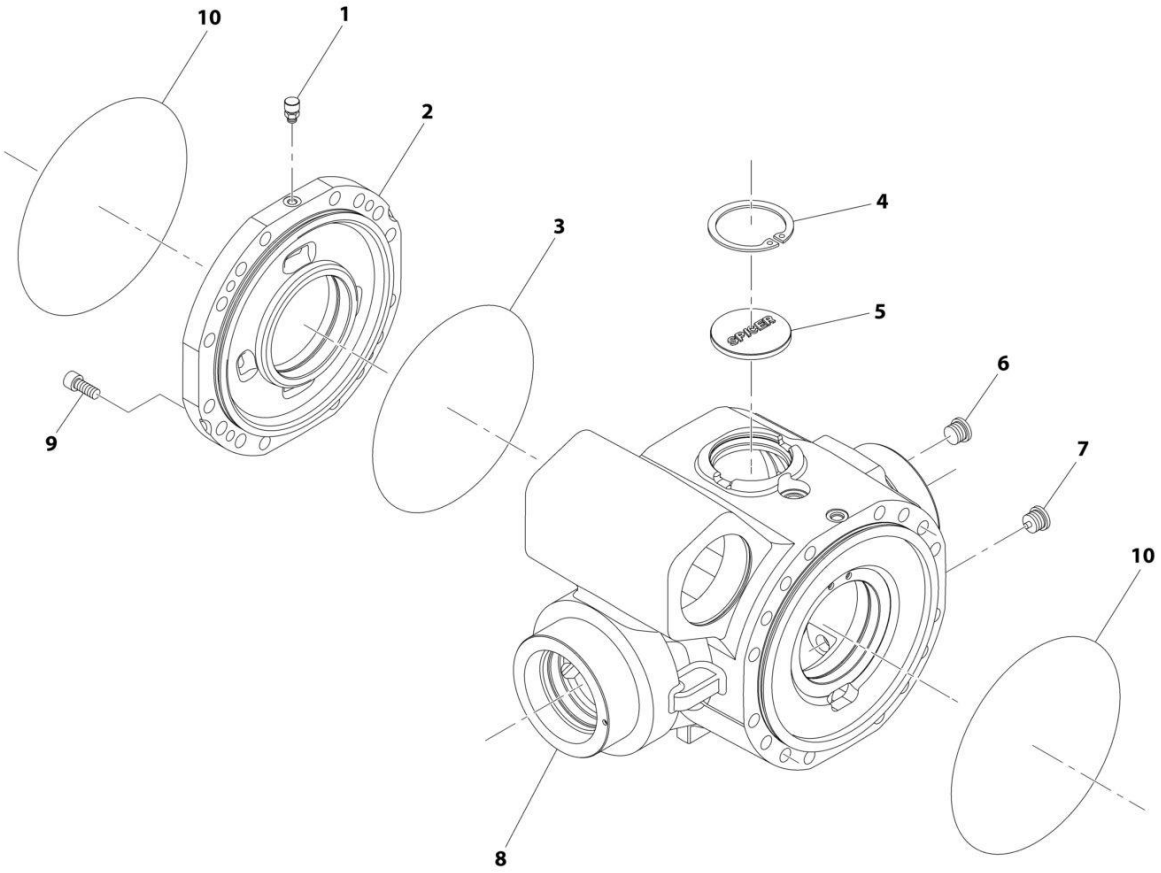



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## FIGURE 5-9. FRONT AXLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184984 | Ref | Front Axle | F |
| | | Ref | Front Axle, Central Housing (See Separate Breakdown in this Section) | |
| | | Ref | Front Axle, Differential (See Separate Breakdown in this Section) | |
| | | Ref | Front Axle, Hub Reduction (See Separate Breakdown in this Section) | |
| | | Ref | Front Axle, Brakes (See Separate Breakdown in this Section) | |
| | | Ref | Front Axle, Steering (See Separate Breakdown in this Section) | |
| | | Ref | Front Axle, Trunnion (See Separate Breakdown in this Section) | |

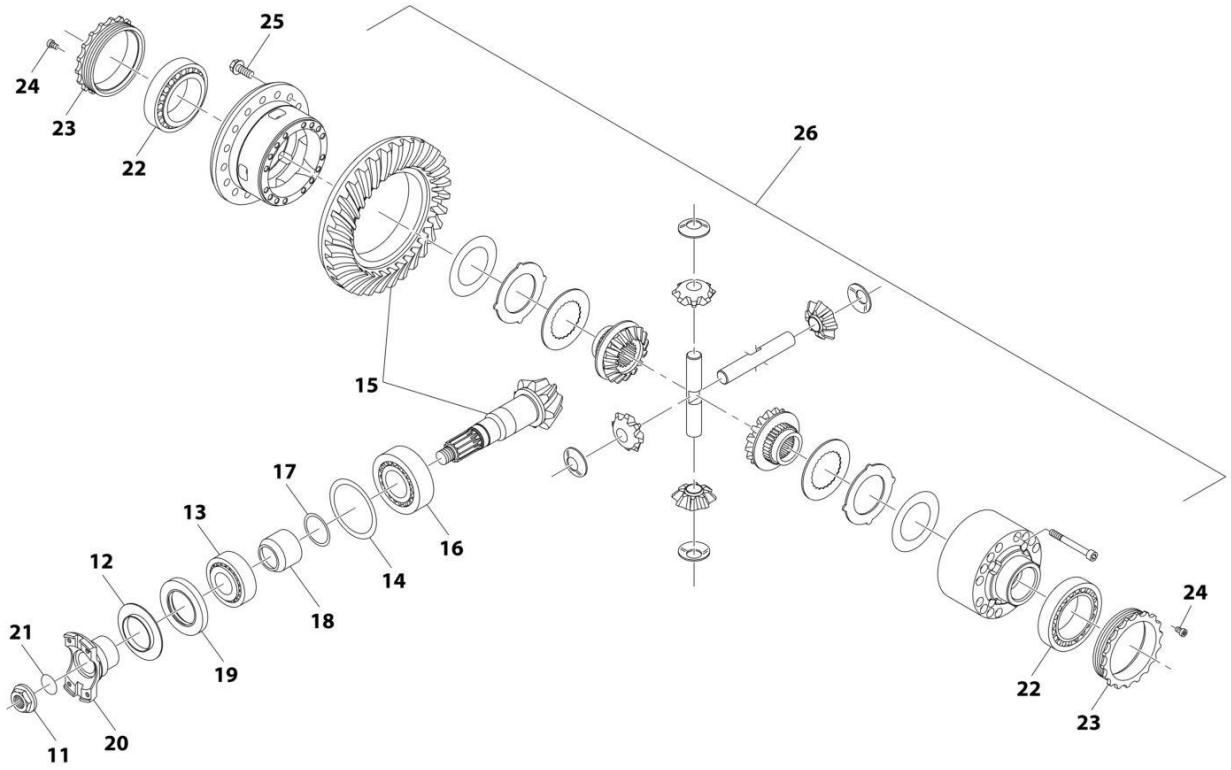
## FIGURE 5-10. FRONT AXLE, CENTRAL HOUSING



## FIGURE 5-10. FRONT AXLE, CENTRAL HOUSING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184984 | Ref | Front Axle, Central Housing | F |
| 1 | 91474512 | 1 | Vent | |
| 2 | 7029288 | 1 | Cover, Intermediate | |
| 3 | 80204002 | 1 | O-Ring | |
| 4 | 80204005 | 1 | Circlip | |
| 5 | 91514098 | 1 | Plug | |
| 6 | 70028389 | 1 | Plug | |
| 7 | 70028388 | 1 | Plug | |
| 8 | 70025335 | 1 | Housing | |
| 9 | 91514101 | 4 | Bolt | |
| 10 | 91514089 | 2 | O-Ring | |

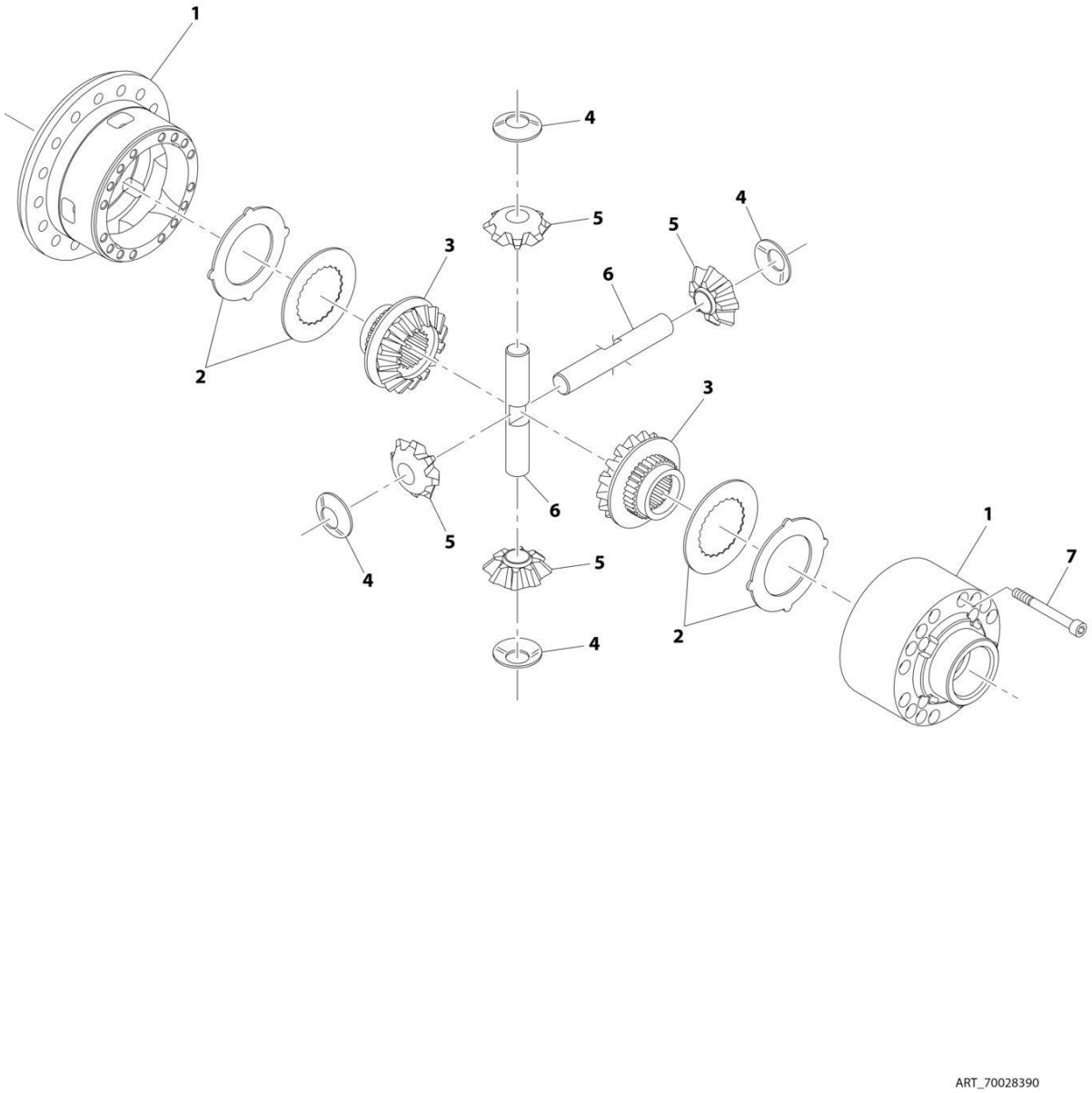
## FIGURE 5-11. FRONT AXLE, DIFFERENTIAL



## FIGURE 5-11. FRONT AXLE, DIFFERENTIAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184984 | Ref | Front Axle, Differential | F |
| 11 | 80204043 | 1 | Nut | |
| 12 | 91514130 | 1 | Plate, Cover | |
| 13 | 80204048 | 1 | Bearing, Tape Roller | |
| 14 | 70023469 | 1 | Shim | |
| 15 | 70028391 | 1 | Gear, Bevel Set | |
| 16 | 80204035 | 1 | Bearing, Tape Roller | |
| 17 | 70023494 | 1 | Ring | |
| 18 | 70022140 | 1 | Spacer | |
| 19 | 70025887 | 1 | Seal | |
| 20 | 70028401 | 1 | Flange | |
| 21 | 10725554 | 1 | O-Ring | |
| 22 | 80204033 | 2 | Bearing, Tape Roller | |
| 23 | 91514133 | 2 | Nut, Ring | |
| 24 | 91514134 | 2 | Bolt | |
| 25 | 91514123 | 16 | Bolt | |
| 26 | 70028390 | 1 | Kit, Differential (See Separate Breakdown in this Section) | |

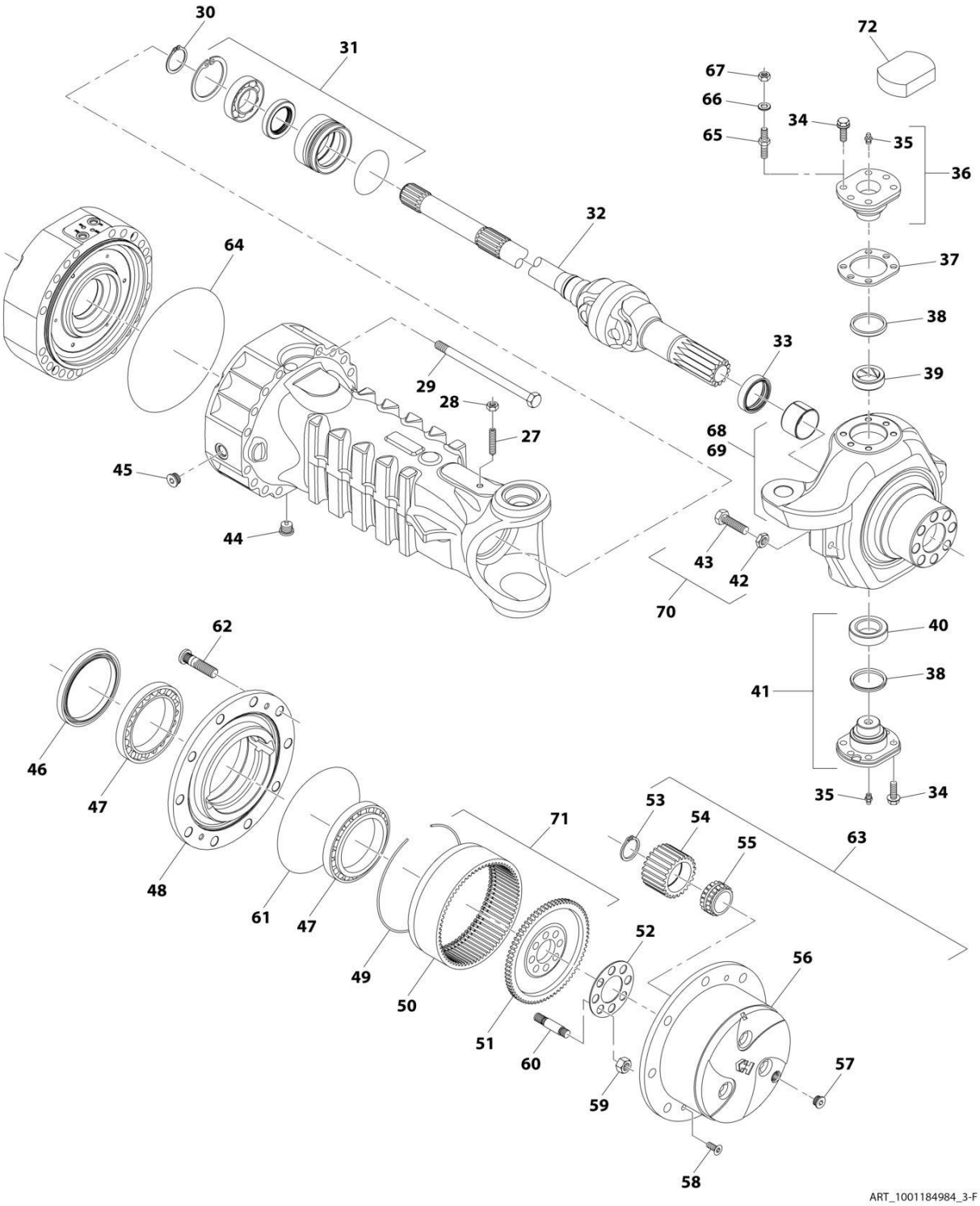
## FIGURE 5-12. DIFFERENTIAL KIT



## FIGURE 5-12. DIFFERENTIAL KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028390 | Ref | Differential Kit | |
| 1 | 70024004 | 2 | Carrier, Differential | |
| 2 | 70026750 | 2 | Disc, Clutch | |
| 3 | 70025856 | 2 | Gear, Differential Side | |
| 4 | 70027105 | 4 | Washer, Friction | |
| 5 | 70025339 | 4 | Pinion, Differential | |
| 6 | 70023490 | 2 | Shaft, Differential | |
| 7 | 91514143 | 15 | Bolt | |

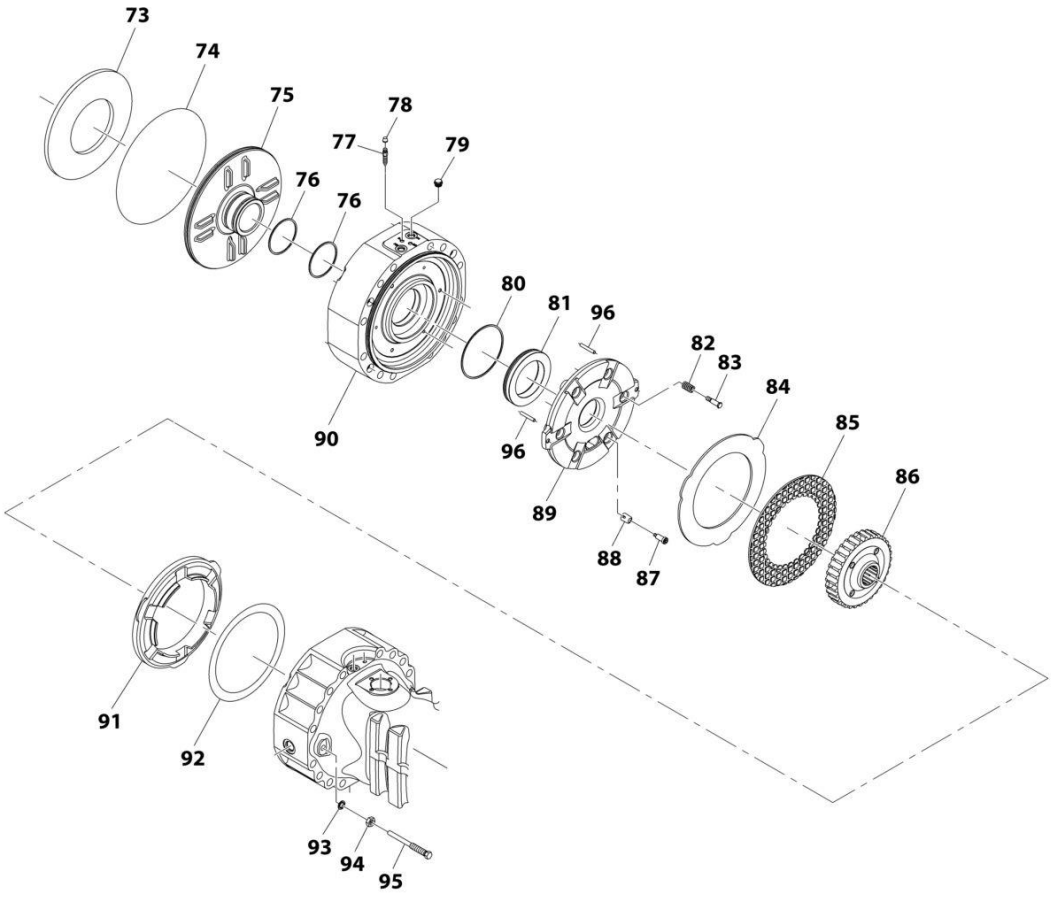
## FIGURE 5-13. FRONT AXLE, HUB REDUCTION



## FIGURE 5-13. FRONT AXLE, HUB REDUCTION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184984 | Ref | Front Axle, Hub Reduction | F |
| 27 | 91514081 | 2 | Bolt | |
| 28 | 91514082 | 2 | Nut | |
| 29 | 70025012 | 24 | Bolt | |
| 30 | 80204071 | 2 | Circlip | |
| 31 | 91514149 | 2 | Kit, Reduction Bushing (See Separate Breakdown in this Section) | |
| 32 | 70028396 | 2 | Joint, Double Universal | |
| 33 | 70026238 | 2 | Seal | |
| 34 | 70025562 | 20 | Bolt | |
| 35 | 70024881 | 2 | Fitting, Grease | |
| 36 | 91514112 | 2 | Pin | |
| 37 | 70025561 | 1 | Shim | |
| 38 | 7028716 | 2 | Seal, Dust | |
| 39 | 7028714 | 2 | Bushing | |
| 40 | 91514095 | 2 | Bearing | |
| 41 | 7028715 | 2 | Pin | |
| 42 | 80204065 | 4 | Nut | |
| 43 | 91514117 | 4 | Bolt | |
| 44 | 70028388 | 2 | Plug | |
| 45 | 70028389 | 2 | Plug | |
| 46 | 70026002 | 2 | Seal | |
| 47 | 80204076 | 4 | Bearing, Taper Roller | |
| 48 | 91514174 | 2 | Hub, Wheel | |
| 49 | 91514175 | 2 | Circlip | |
| 50 | 70024147 | 2 | Gear, Ring | |
| 51 | 91514177 | 2 | Support, Ring Gear | |
| 52 | 91514178 | 2 | Plate | |
| 53 | 91514184 | 8 | Circlip | |
| 54 | 91514185 | 8 | Gear, Planet | |
| 55 | 91514186 | 8 | Bearing | |
| 56 | 7029317 | 2 | Carrier, Planet Gear | |
| 57 | 70028387 | 2 | Plug | |
| 58 | 91514189 | 4 | Bolt, Countersunk | |
| 59 | 91514179 | 16 | Nut | |
| 60 | 91514180 | 16 | Stud | |
| 61 | 91514181 | 2 | O-Ring | |
| 62 | 80214120 | 20 | Stud | |
| 63 | 7029743 | 2 | Kit, Planet Gear Carrier | |
| 64 | 91514089 | 2 | O-Ring | |
| 65 | 70025014 | 8 | Stud | |
| 66 | 91514084 | 8 | Washer | |
| 67 | 91514083 | 8 | Nut | |
| 68 | 70026260 | 1 | Kit, Steering Case (left) (See Separate Breakdown in this Section) | |
| 69 | 70026261 | 1 | Kit, Steering Case (right) (See Separate Breakdown in this Section) | |
| 70 | 7028733 | 4 | Bolt, Steering Adjust | |
| 71 | 70024146 | 2 | Kit, Ring Gear Support (See Separate Breakdown in this Section) | |
| 72 | 70028392 | 2 | Cover | |

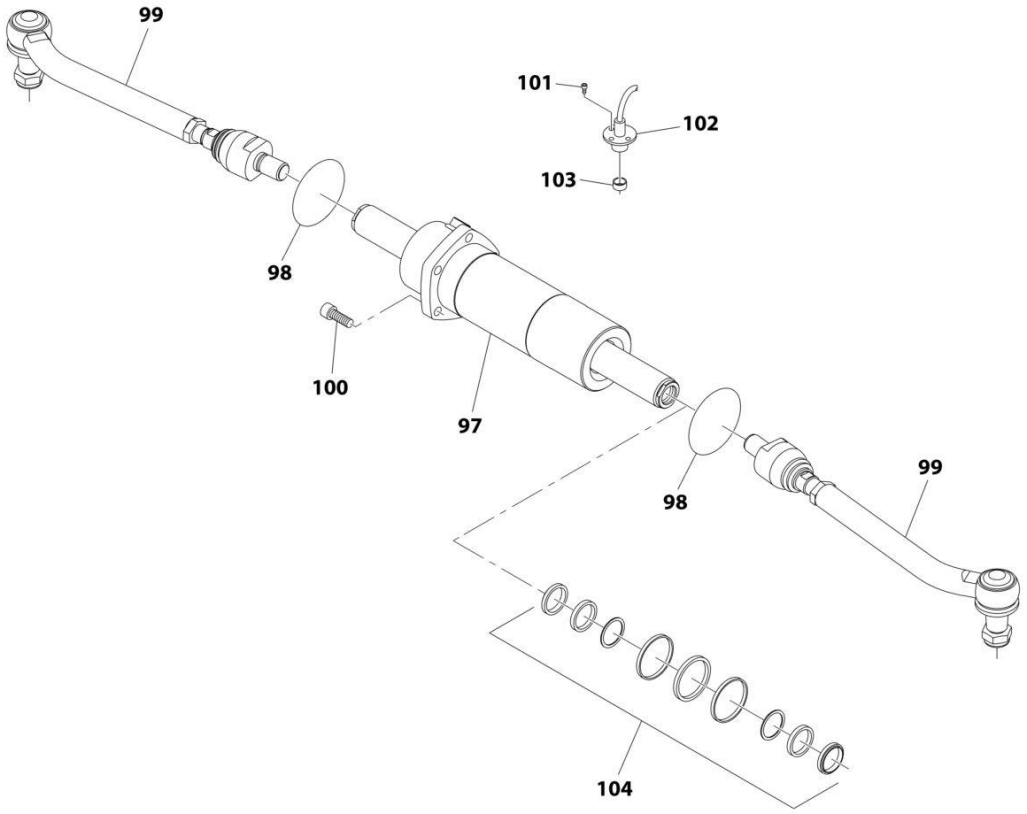
## FIGURE 5-14. FRONT AXLE, BRAKES



## FIGURE 5-14. FRONT AXLE, BRAKES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184984 | Ref | Front Axle, Brakes | F |
| 73 | 91514151 | 2 | Washer | |
| 74 | 91514089 | 2 | O-Ring | |
| 75 | 70027092 | 2 | Piston | |
| 76 | 70026262 | 4 | Seal | |
| 77 | 80204281 | 4 | Bolt, Bleeding | |
| 78 | 80204117 | 4 | Plug | |
| 79 | 91514154 | 4 | Plug | |
| 80 | 70026263 | 2 | Seal | |
| 81 | 70027796 | 2 | Piston | |
| 82 | 91514159 | 6 | Spring | |
| 83 | 70024210 | 6 | Bolt, Adjusting | |
| 84 | 70027022 | 6 | Disc, Intermediate Brake | |
| 85 | 7029735 | 6 | Disc, Brake | |
| 86 | 7029734 | 2 | Bushing, Reduction | |
| 87 | 7029787 | 6 | Bolt, Adjusting | |
| 88 | 70027317 | 6 | Spring | |
| 89 | 70024849 | 2 | Disc, Intermediate Brake | |
| 90 | 70024848 | 2 | Cover | |
| 91 | 70026264 | 2 | Spacer | |
| 92 | 70025970 | 1 | Shim | |
| 93 | 80204108 | 4 | Washer, Lock | |
| 94 | 80204060 | 4 | Nut | |
| 95 | 70024213 | 4 | Bolt | |
| 96 | 70024215 | 4 | Dowel | |

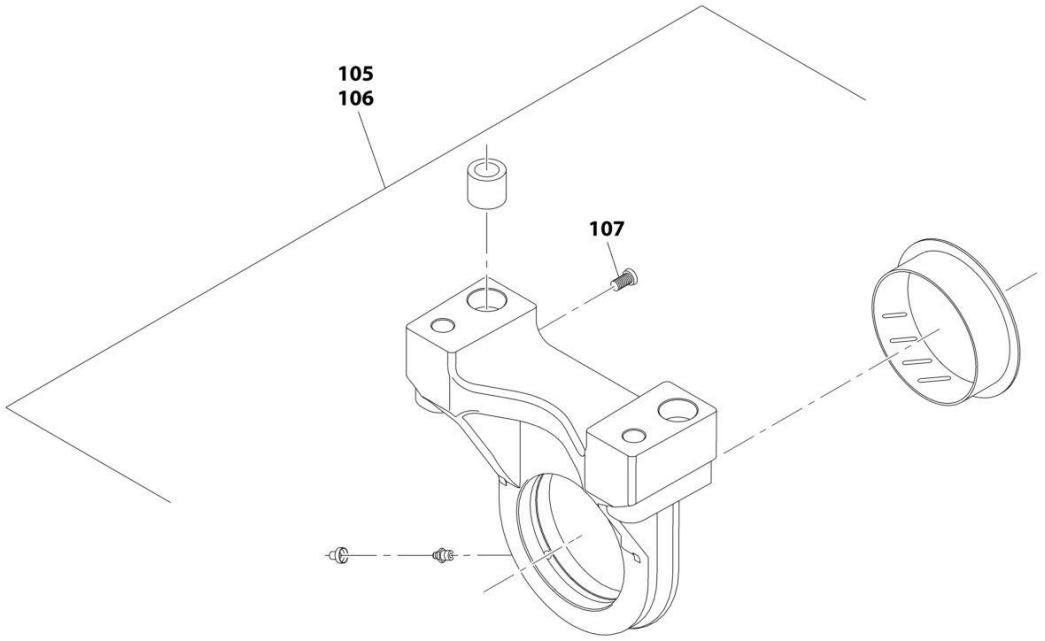
## FIGURE 5-15. FRONT AXLE, STEERING



## FIGURE 5-15. FRONT AXLE, STEERING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184984 | Ref | Front Axle, Steering | F |
| 97 | 70028393 | 1 | Cylinder | |
| 98 | 80204143 | 2 | O-Ring | |
| 99 | 70028394 | 2 | Rod, Articulated Tie | |
| 99 | 70022773 | 2 | Nut | |
| 100 | 80204144 | 5 | Bolt | |
| 101 | 8008175 | 2 | Bolt | |
| 102 | 70027986 | 1 | Optical Sensor | |
| 103 | 7029307 | 1 | Plug | |
| 104 | 7029127 | 1 | Kit, Seal | |

## FIGURE 5-16. FRONT AXLE, TRUNION

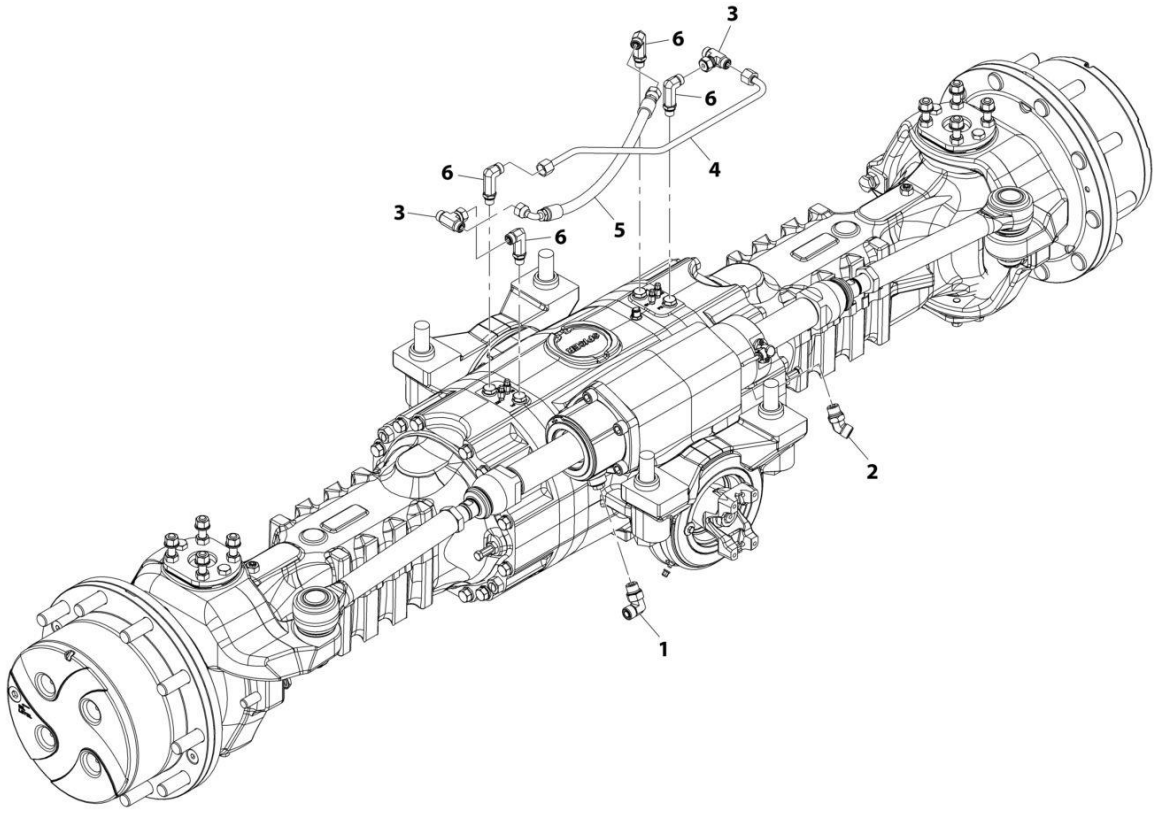



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## FIGURE 5-16. FRONT AXLE, TRUNION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184984 | Ref | Front Axle, Trunion | F |
| 105 | 70026266 | 1 | Kit, Trunnion (See Separate Breakdown in this Section) | |
| 106 | 70026265 | 1 | Support | |
| 107 | 70025884 | 1 | Bolt | |

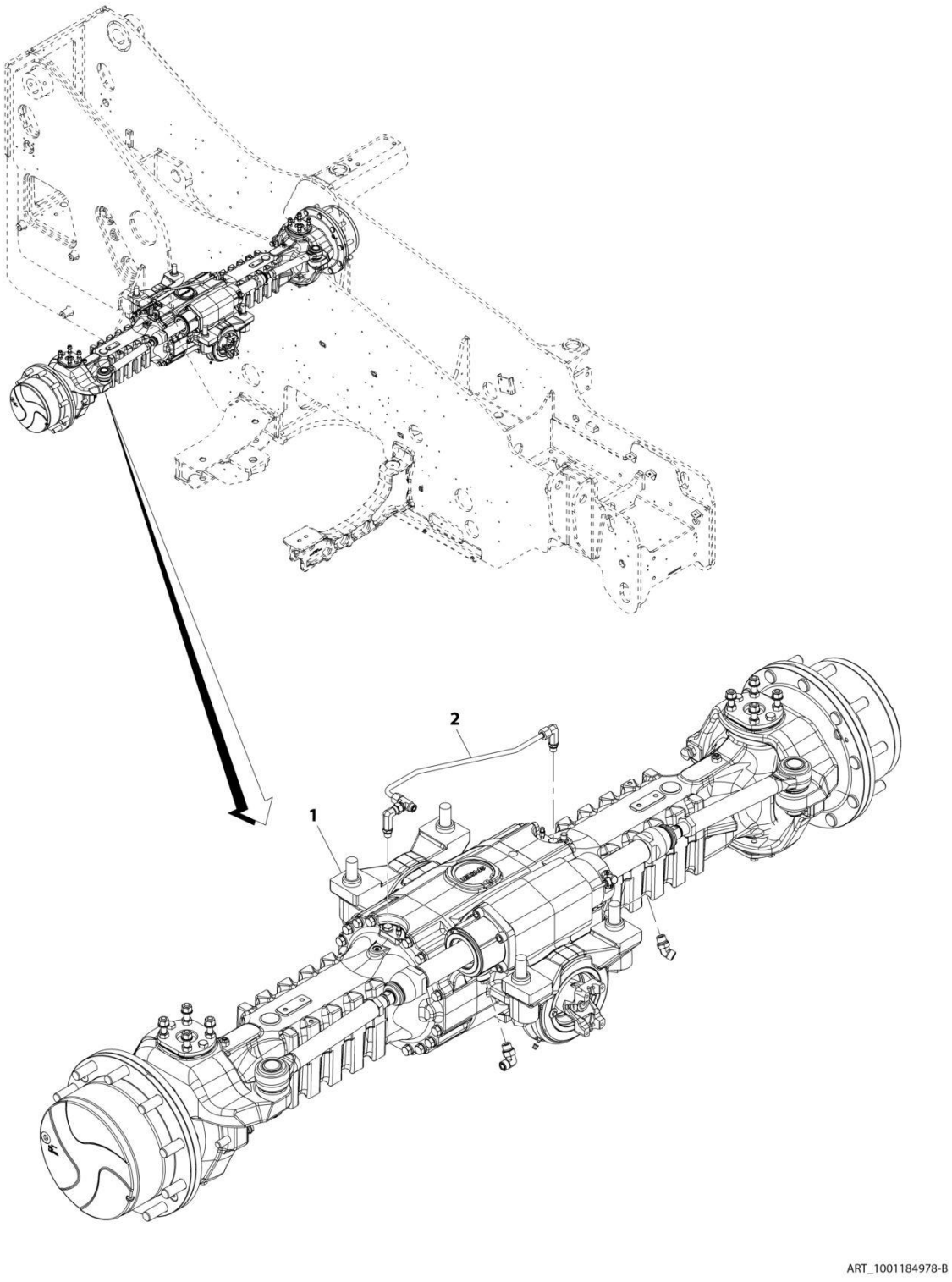
## FIGURE 5-17. FRONT AXLE LINES INSTALLATION



## FIGURE 5-17. FRONT AXLE LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207898 | Ref | Front Axle Lines Installation | C |
| 1 | 2130808 | 1 | Fitting, 90 ORFS | |
| 2 | 2150808 | 1 | Fitting, 45 ORFS | |
| 3 | 2170806 | 2 | Fitting, Tee ORFS | |
| 4 | 1001224598 | 1 | Tube | |
| 5 | 1001210281 | 1 | Hose | |
| 6 | 1001210769 | 4 | Fitting, 90 ORFS | |

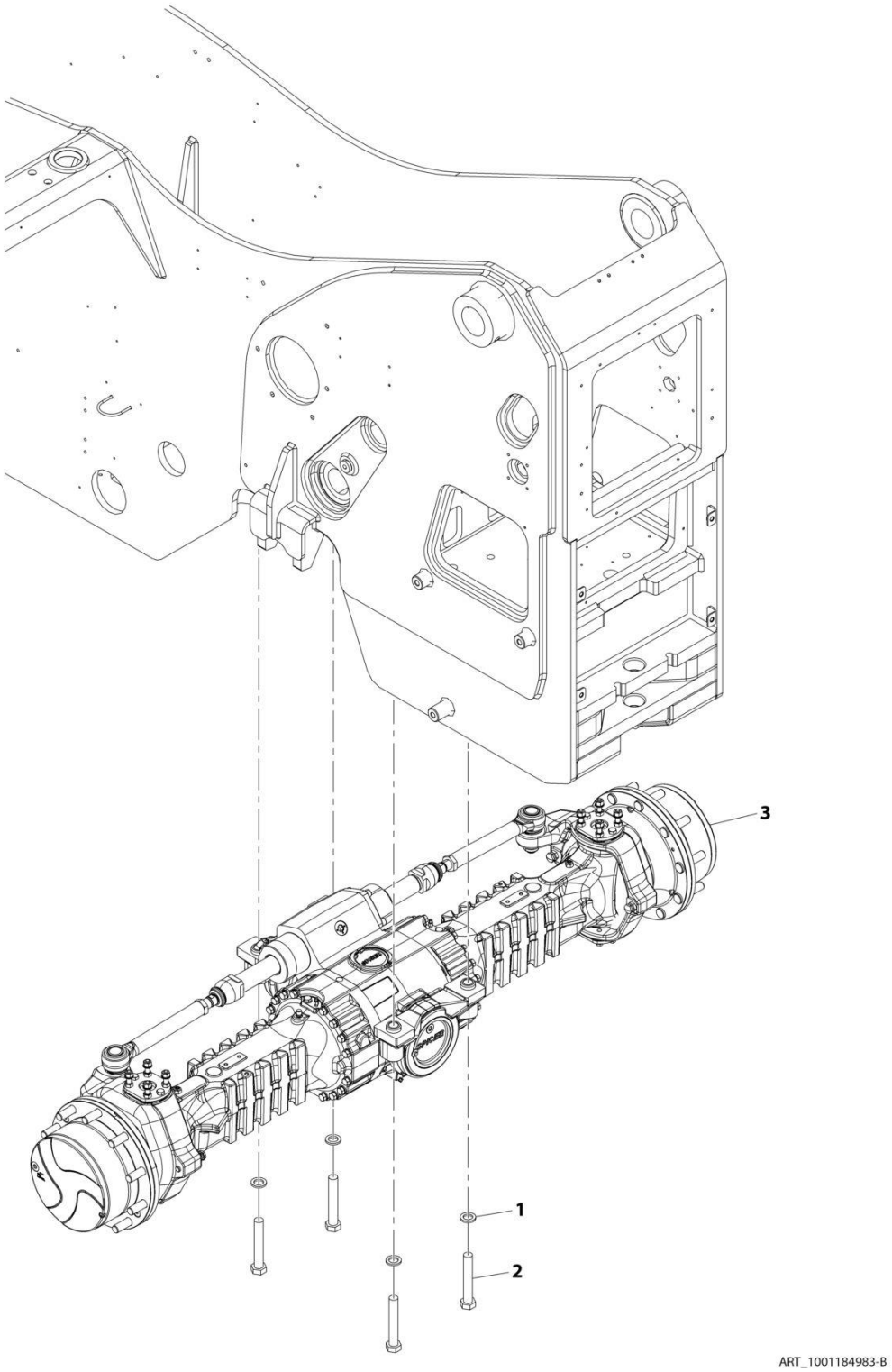
## FIGURE 5-18. REAR AXLE INSTALLATION



## FIGURE 5-18. REAR AXLE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184978 | Ref | Rear Axle Installation | B |
| 1 | 1001184983 | Ref | Installation, Rear Axle Mounting (See Separate Breakdown in this Section) | |
| 2 | 1001207899 | Ref | Installation, Rear Axle Lines (See Separate Breakdown in this Section) | |

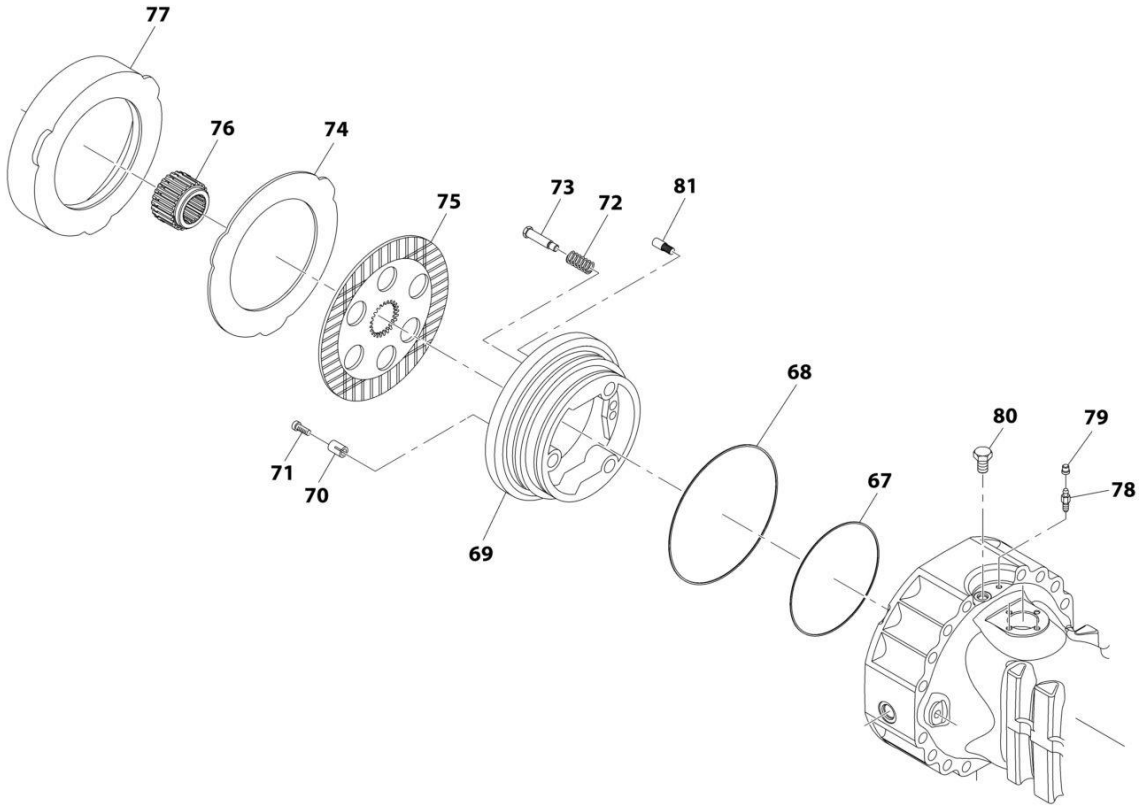
## FIGURE 5-19. REAR AXLE MOUNTING INSTALLATION



## FIGURE 5-19. REAR AXLE MOUNTING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184983 | Ref | Rear Axle Mounting Installation | B |
| 1 | 4892600 | 4 | Washer | |
| 2 | 1001097587 | 4 | Bolt, M24-3X150 Grade 10.9 | |
| 3 | 1001184985 | Ref | Axle, Rear (See Separate Breakdown in this Section) | |

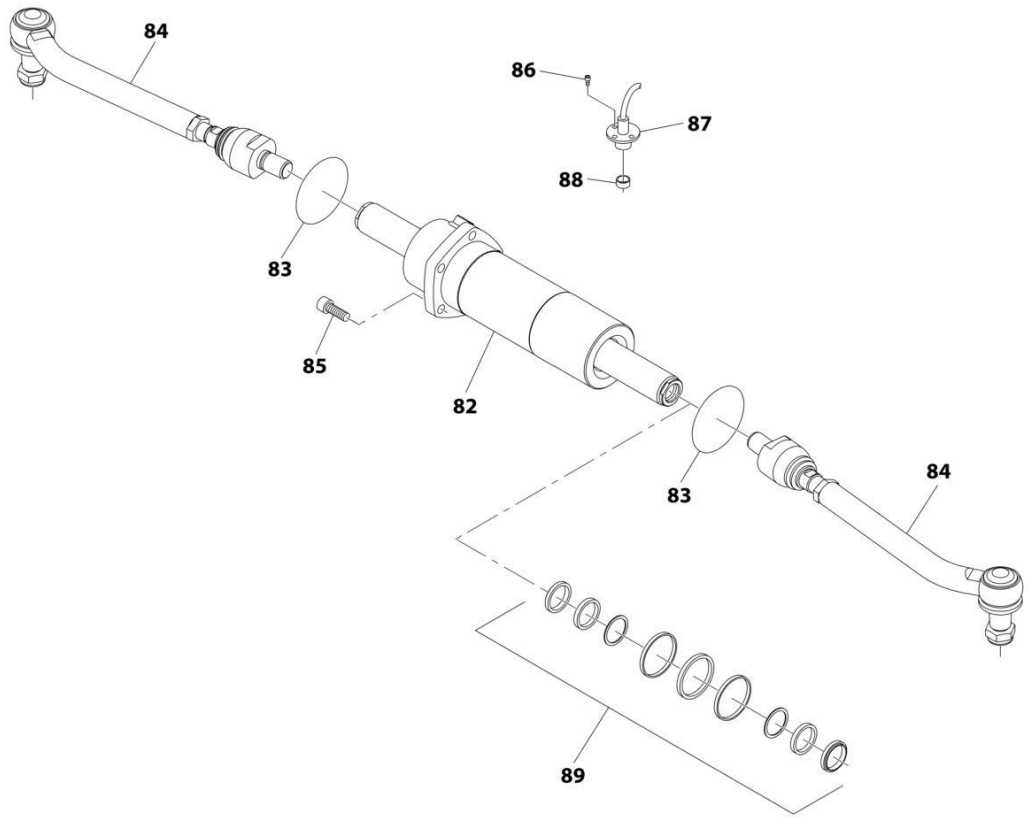
## FIGURE 5-20. REAR AXLE, BRAKES



## FIGURE 5-20. REAR AXLE, BRAKES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184985 | Ref | Rear Axle, Brakes | F |
| 67 | 70026747 | 2 | Seal | |
| 68 | 70026748 | 2 | Seal | |
| 69 | 70024216 | 2 | Piston | |
| 70 | 70027317 | 6 | Spring | |
| 71 | 7029785 | 6 | Bolt, Adjusting | |
| 72 | 91514159 | 6 | Spring | |
| 73 | 70024210 | 6 | Bolt, Adjusting | |
| 74 | 70027022 | 6 | Disc, Intermediate Brake | |
| 75 | 7029735 | 6 | Disc, Brake | |
| 76 | 7029734 | 2 | Bushing, Reduction | |
| 77 | 70021606 | 2 | Spacer | |
| 78 | 80204281 | 2 | Bolt, Bleeding | |
| 79 | 80204117 | 2 | Plug | |
| 80 | 91514154 | 2 | Bolt | |
| 81 | 70021613 | 2 | Bolt, Pilot | |

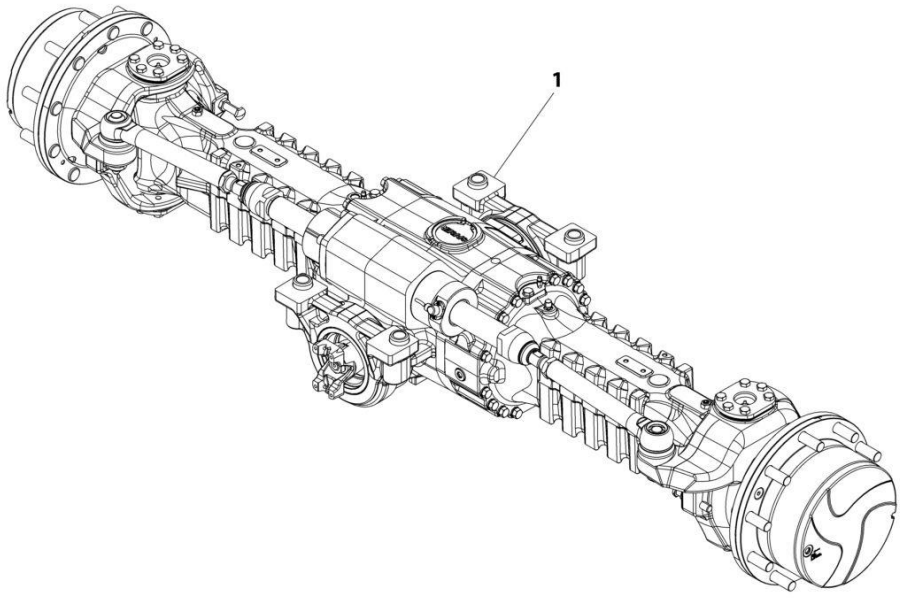
## FIGURE 5-21. REAR AXLE, STEERING



## FIGURE 5-21. REAR AXLE, STEERING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184985 | Ref | Rear Axle, Steering | F |
| 82 | 70028393 | 1 | Cylinder | |
| 83 | 80204143 | 2 | O-Ring | |
| 84 | 70028394 | 2 | Rod, Articulated Tie | |
| 84 | 70022773 | 2 | Nut | |
| 85 | 80204144 | 5 | Bolt | |
| 86 | 8008175 | 2 | Bolt | |
| 87 | 70027986 | 1 | Sensor, Optical | |
| 88 | 7029307 | 1 | Plug | |
| 89 | 7029127 | 1 | Kit, Seal | |

**FIGURE 5-22. REAR AXLE**

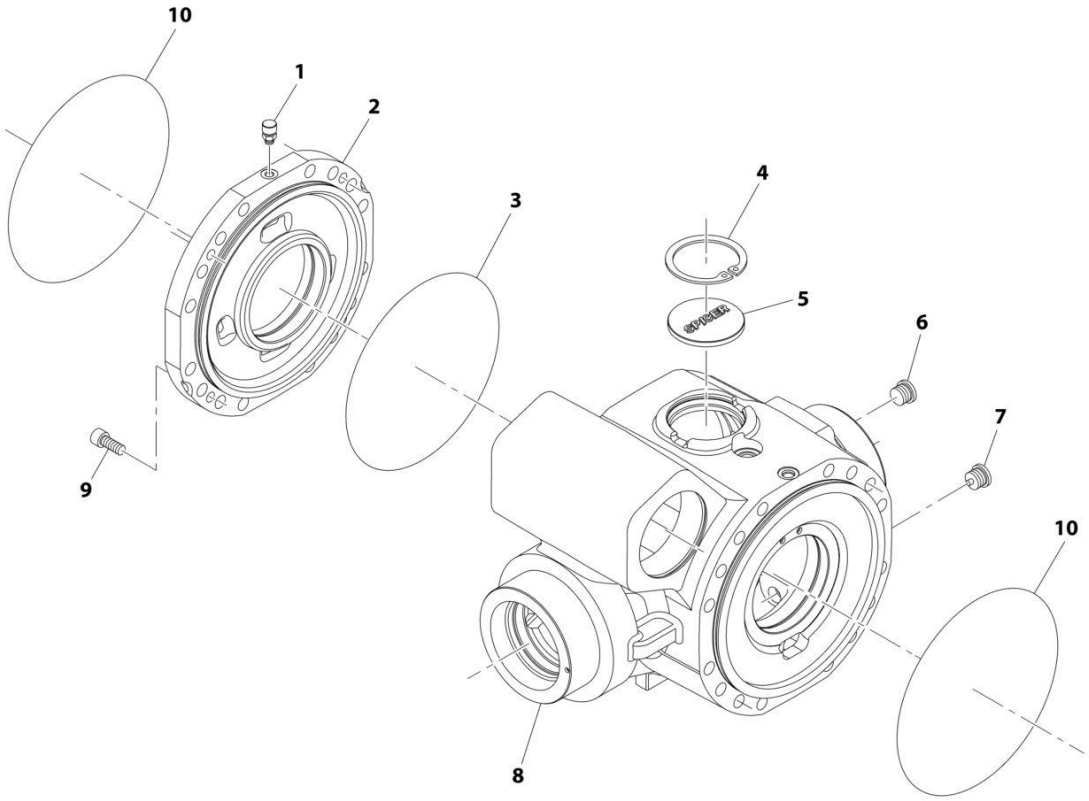



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## FIGURE 5-22. REAR AXLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001184985 | Ref | Rear Axle | F |
| | | Ref | Rear Axle, Central Housing (See Separate Breakdown in this Section) | |
| | | Ref | Rear Axle, Differential (See Separate Breakdown in this Section) | |
| | | Ref | Rear Axle, Hub Reduction (See Separate Breakdown in this Section) | |
| | | Ref | Rear Axle, Brakes (See Separate Breakdown in this Section) | |
| | | Ref | Rear Axle, Steering (See Separate Breakdown in this Section) | |
| | | Ref | Rear Axle, Trunnion (See Separate Breakdown in this Section) | |

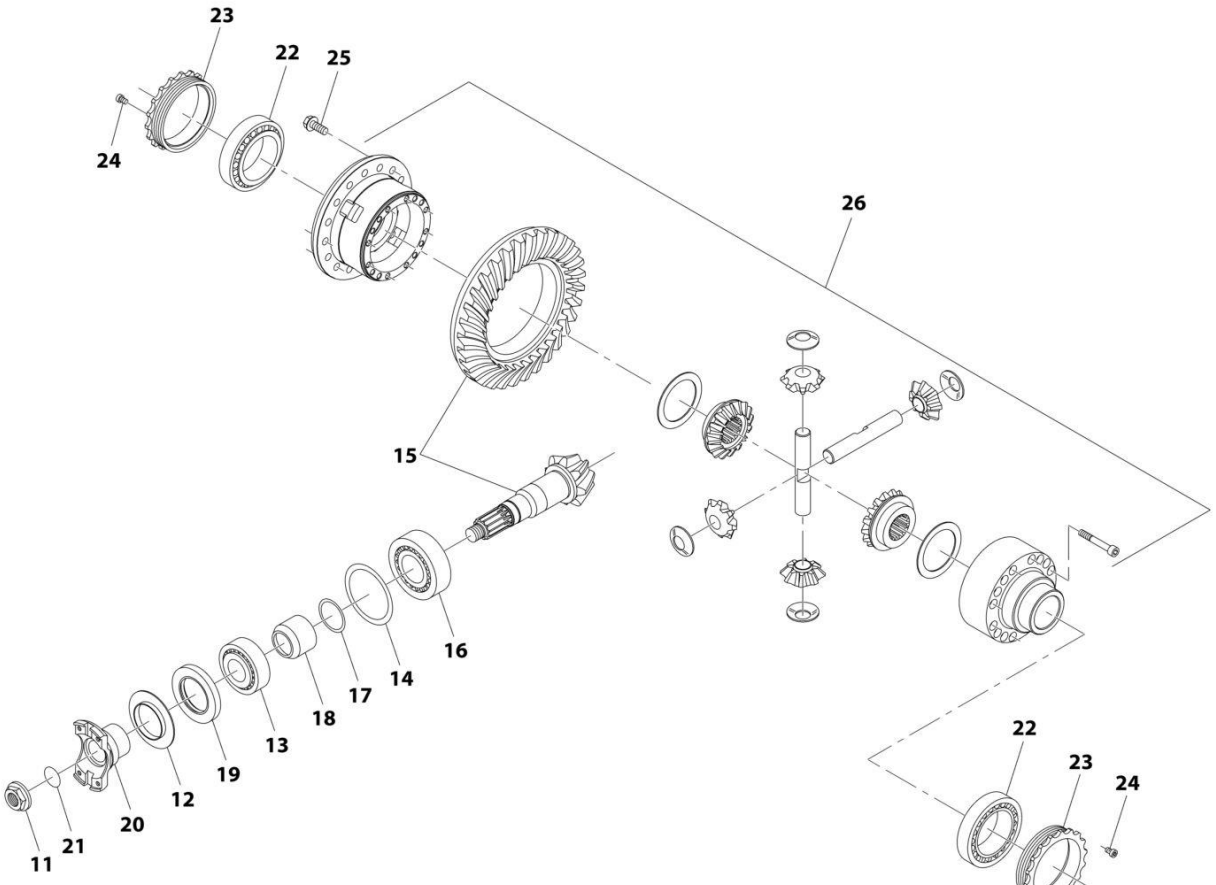
## FIGURE 5-23. REAR AXLE, CENTRAL HOUSING



## FIGURE 5-23. REAR AXLE, CENTRAL HOUSING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184985 | Ref | Rear Axle, Central Housing | F |
| 1 | 91474512 | 1 | Vent | |
| 2 | 7029288 | 1 | Cover, Intermediate | |
| 3 | 80204002 | 1 | O-Ring | |
| 4 | 80204005 | 1 | Circlip | |
| 5 | 91514098 | 1 | Plug | |
| 6 | 70028389 | 1 | Plug | |
| 7 | 70028388 | 1 | Plug | |
| 8 | 70025335 | 1 | Housing | |
| 9 | 91514101 | 4 | Bolt | |
| 10 | 91514089 | 2 | O-Ring | |

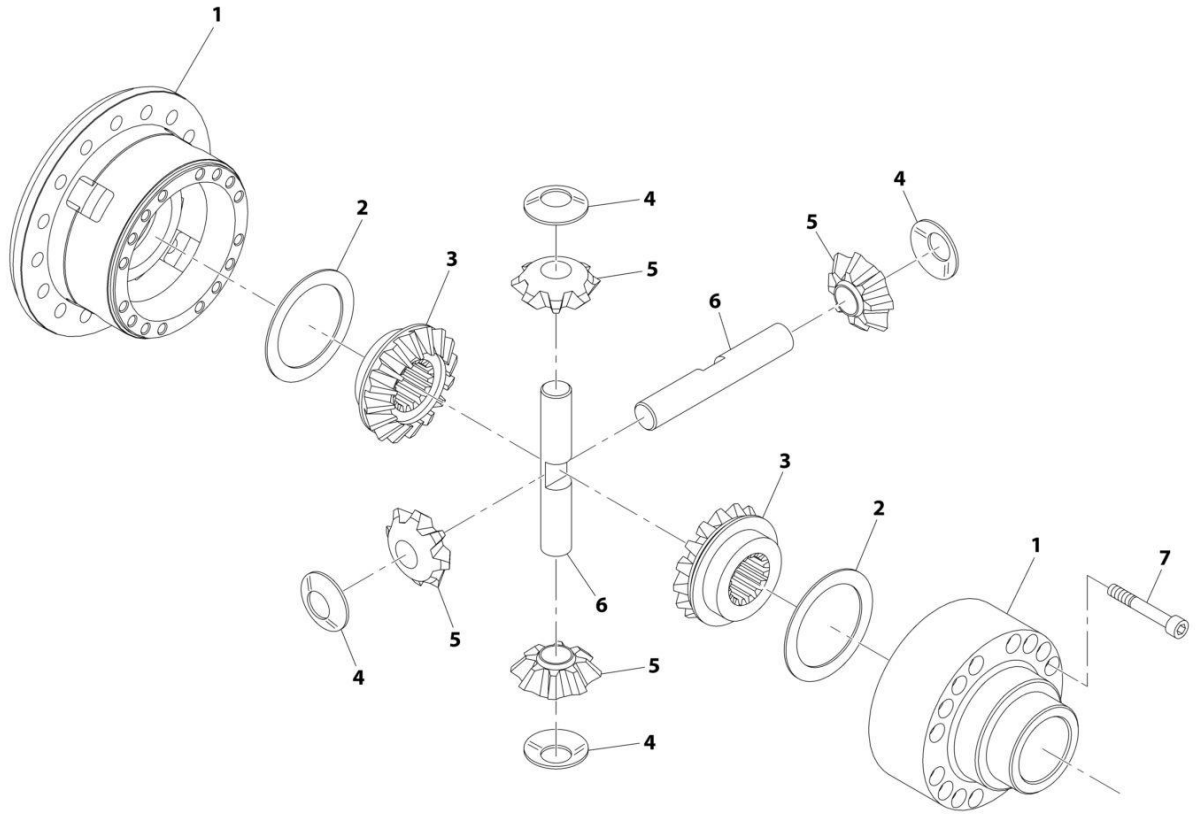
## FIGURE 5-24. REAR AXLE, DIFFERENTIAL



## FIGURE 5-24. REAR AXLE, DIFFERENTIAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184985 | Ref | Rear Axle, Differential | F |
| 11 | 80204043 | 1 | Nut | |
| 12 | 91514130 | 1 | Plate, Cover | |
| 13 | 80204048 | 1 | Bearing, Taper Roller | |
| 14 | 70023469 | 1 | Shim | |
| 15 | 70028399 | 1 | Gear, Bevel Set | |
| 16 | 80204035 | 1 | Bearing, Taper Roller | |
| 17 | 70023494 | 1 | Ring | |
| 18 | 70022140 | 1 | Spacer | |
| 19 | 70025887 | 1 | Seal | |
| 20 | 70028401 | 1 | Flange | |
| 21 | 10725554 | 1 | O-Ring | |
| 22 | 80204033 | 2 | Bearing, Taper Roller | |
| 23 | 91514133 | 2 | Nut, Ring | |
| 24 | 91514134 | 2 | Bolt | |
| 25 | 39844923 | 16 | Bolt | |
| 26 | 70028398 | 1 | Kit, Differential (See Separate Breakdown in this Section) | |

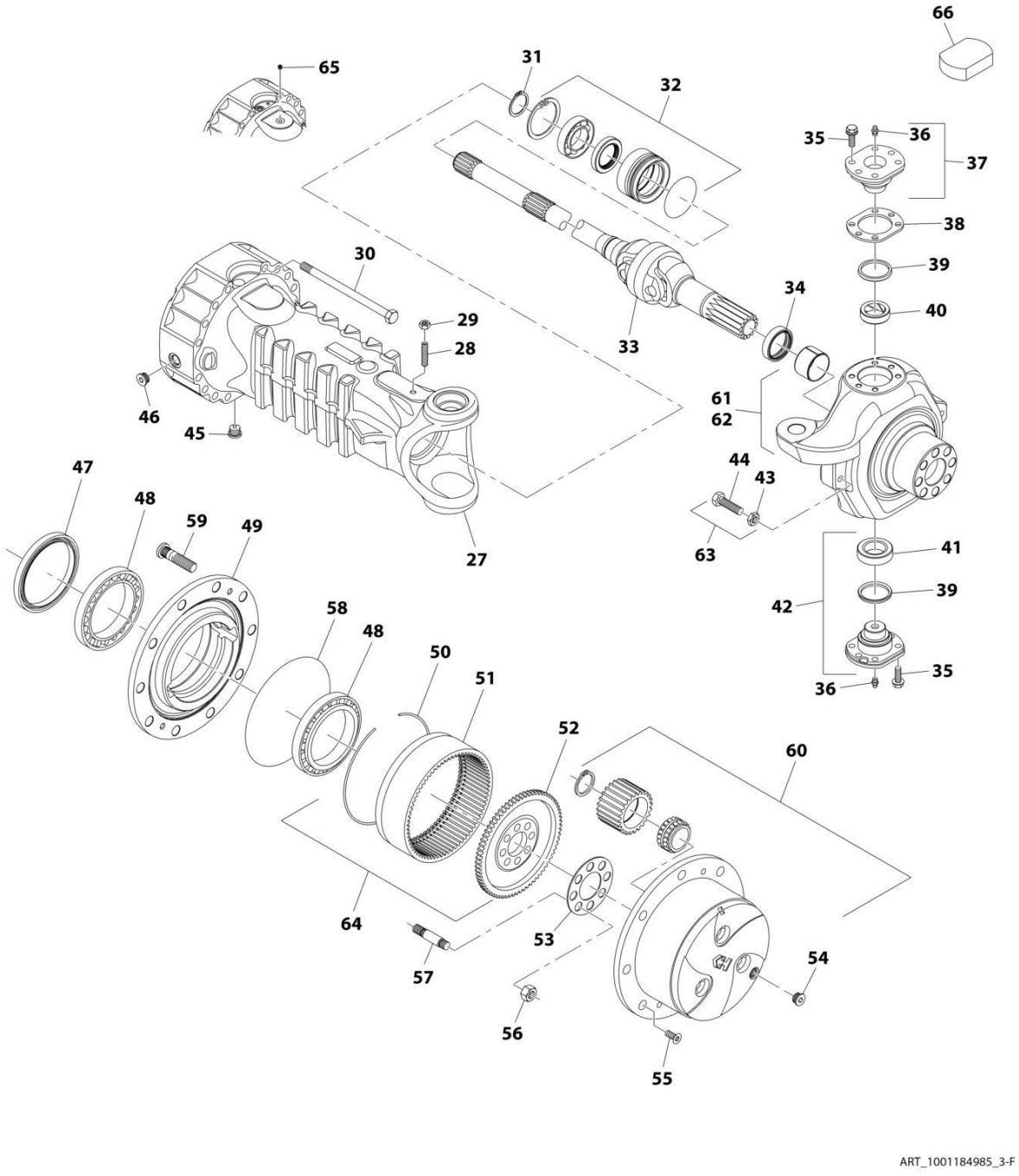
## FIGURE 5-25. DIFFERENTIAL KIT



## FIGURE 5-25. DIFFERENTIAL KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028398 | Ref | Differential Kit | |
| 1 | 70025337 | 1 | Carrier, Differential | |
| 2 | 70023493 | 2 | Washer, Friction | |
| 3 | 70025338 | 2 | Gear, Differential Side | |
| 4 | 70027105 | 4 | Washer, Friction | |
| 5 | 70025339 | 4 | Pinion, Differential | |
| 6 | 70023490 | 2 | Shaft, Differential | |
| 7 | 70023489 | 15 | Bolt | |

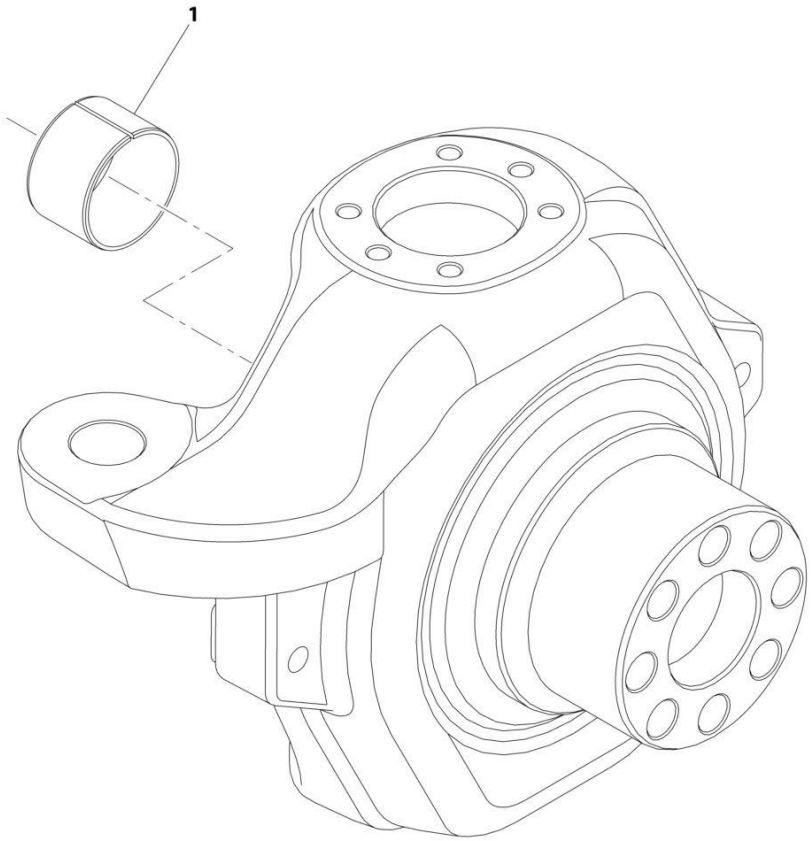
## FIGURE 5-26. REAR AXLE, HUB REDUCTION



## FIGURE 5-26. REAR AXLE, HUB REDUCTION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184985 | Ref | Rear Axle, Hub Reduction | F |
| 27 | 70028400 | 2 | Case, Axle | |
| 28 | 91514081 | 2 | Bolt | |
| 29 | 91514082 | 2 | Nut | |
| 30 | 70028397 | 32 | Bolt | |
| 31 | 80204071 | 2 | Circlip | |
| 32 | 91514149 | 2 | Kit, Reduction Bushing (See Separate Breakdown in this Section) | |
| 33 | 70028396 | 2 | Joint, Double Universal | |
| 34 | 70026238 | 2 | Seal | |
| 35 | 70025562 | 20 | Bolt | |
| 36 | 70024881 | 2 | Fitting, Grease | |
| 37 | 91514112 | 2 | Pin | |
| 38 | 70025561 | 1 | Shim | |
| 39 | 7028716 | 2 | Seal, Dust | |
| 40 | 7028714 | 2 | Bushing | |
| 41 | 91514095 | 2 | Bearing | |
| 42 | 7028715 | 2 | Pin | |
| 43 | 80204065 | 4 | Nut | |
| 44 | 91514117 | 4 | Bolt | |
| 45 | 70028388 | 2 | Plug | |
| 46 | 70028387 | 2 | Plug | |
| 47 | 70026002 | 2 | Seal | |
| 48 | 80204076 | 4 | Bearing, Taper Roller | |
| 49 | 91514174 | 2 | Hub, Wheel | |
| 50 | 91514175 | 2 | Circlip | |
| 51 | 70024147 | 2 | Gear, Ring | |
| 52 | 91514177 | 2 | Gear, Ring Support | |
| 53 | 91514178 | 2 | Plate, Locking | |
| 54 | 70028389 | 2 | Plug | |
| 55 | 91514189 | 4 | Bolt, Countersunk | |
| 56 | 91514179 | 16 | Nut | |
| 57 | 91514180 | 16 | Stud | |
| 58 | 91514181 | 2 | O-Ring | |
| 59 | 80214120 | 20 | Stud | |
| 60 | 7029733 | 2 | Kit, Planet Gear Carrier (See Separate Breakdown in this Section) | |
| 61 | 70026260 | 1 | Kit, Steering Case (Left) (See Separate Breakdown in this Section) | |
| 62 | 70026261 | 1 | Kit, Steering Case (Right) (See Separate Breakdown in this Section) | |
| 63 | 7028733 | 4 | Bolt, Steering Adjust | |
| 64 | 70024146 | 2 | Kit, Ring Gear Support (See Separate Breakdown in this Section) | |
| 65 | 80204012 | 2 | Plug | |
| 66 | 70028392 | 2 | Cover | |

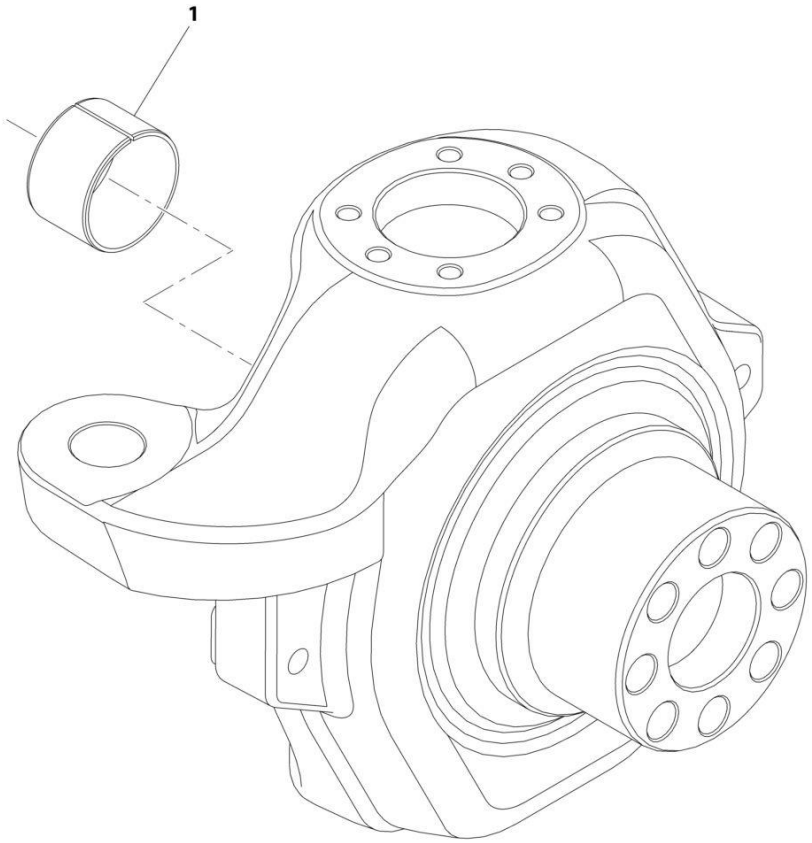
**FIGURE 5-27. TEERING CASE KIT (LF, RR)**



## FIGURE 5-27. TEERING CASE KIT (LF, RR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026260 | Ref | Steering Case Kit (LF, RR) | |
| 1 | 91514111 | 1 | Bushing, Thrust | |

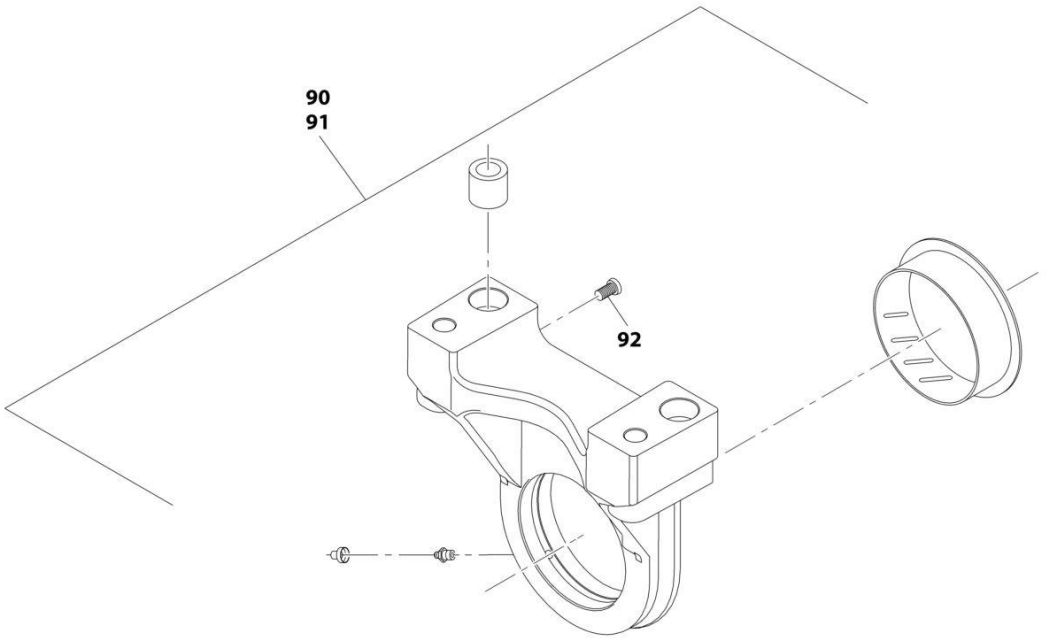
**FIGURE 5-28. STEERING CASE KIT (RF, LR)**



## FIGURE 5-28. STEERING CASE KIT (RF, LR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026261 | Ref | Steering Case Kit (RF, LR) | |
| 1 | 91514111 | 1 | Bushing, Thrust | |

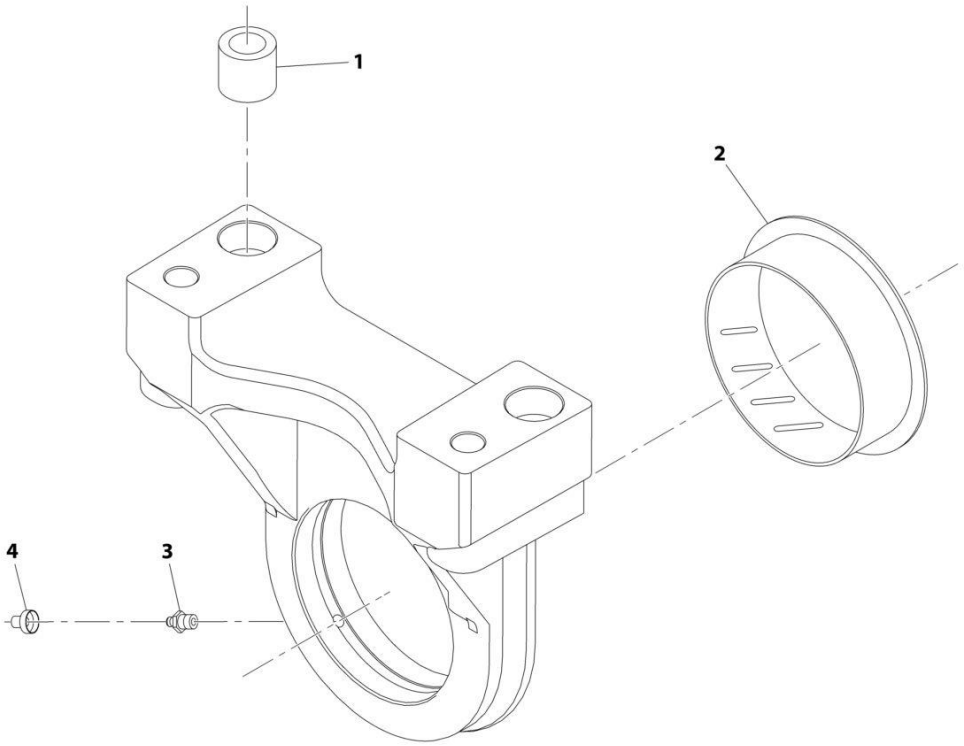
## FIGURE 5-29. REAR AXLE, TRUNION



## FIGURE 5-29. REAR AXLE, TRUNION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184985 | Ref | Rear Axle, Trunion | F |
| 90 | 70026266 | 1 | Kit, Trunnion (See Separate Breakdown in this Section) | |
| 91 | 70026265 | 1 | Support | |
| 92 | 70025884 | 1 | Bolt | |

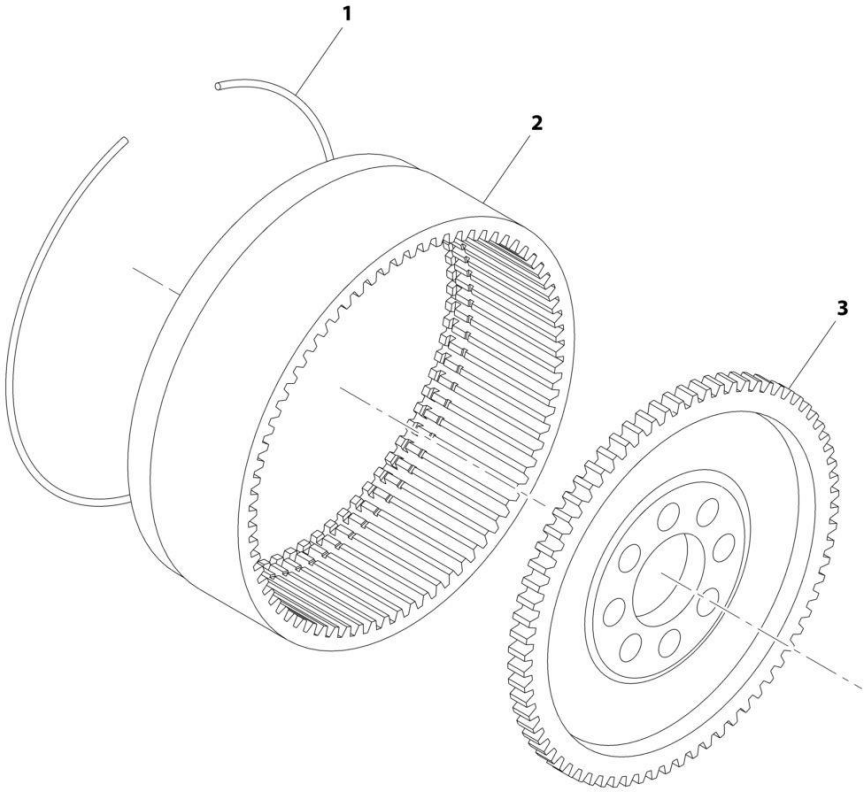
**FIGURE 5-30. TRUNION KIT**



## FIGURE 5-30. TRUNION KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026266 | Ref | Trunion Kit | |
| 1 | 7029290 | 2 | Bushing, Reduction | |
| 2 | 91514090 | 1 | Bushing, Thrust | |
| 3 | 70024881 | 1 | Fitting, Grease | |
| 4 | 80204117 | 1 | Plug | |

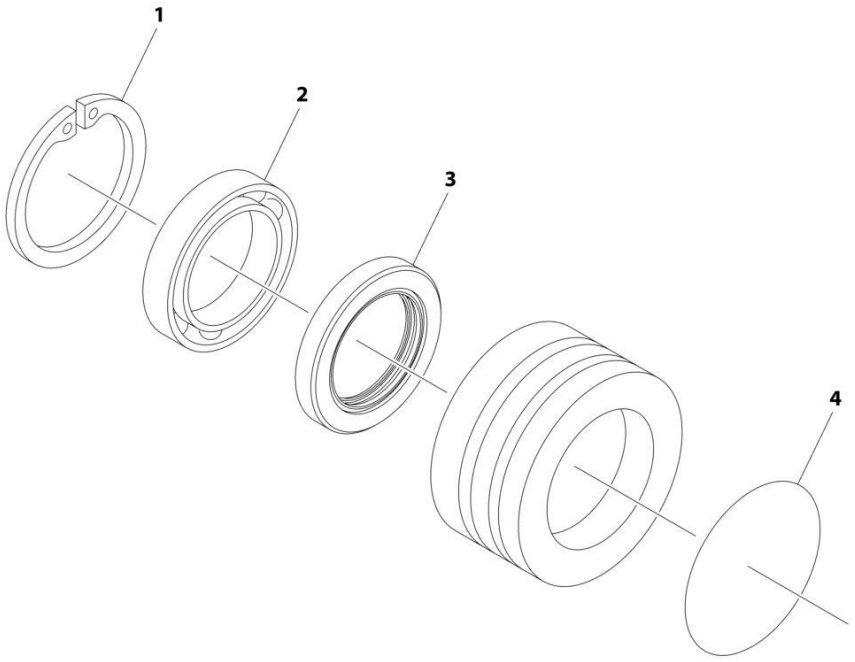
## FIGURE 5-31. RING GEAR SUPPORT KIT



## FIGURE 5-31. RING GEAR SUPPORT KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70024146 | Ref | Ring Gear Support Kit | |
| 1 | 91514175 | 1 | Circlip | |
| 2 | 70024147 | 1 | Gear, Ring | |
| 3 | 91514177 | 1 | Gear, Ring Support | |

## FIGURE 5-32. REDUCTION BUSHING KIT

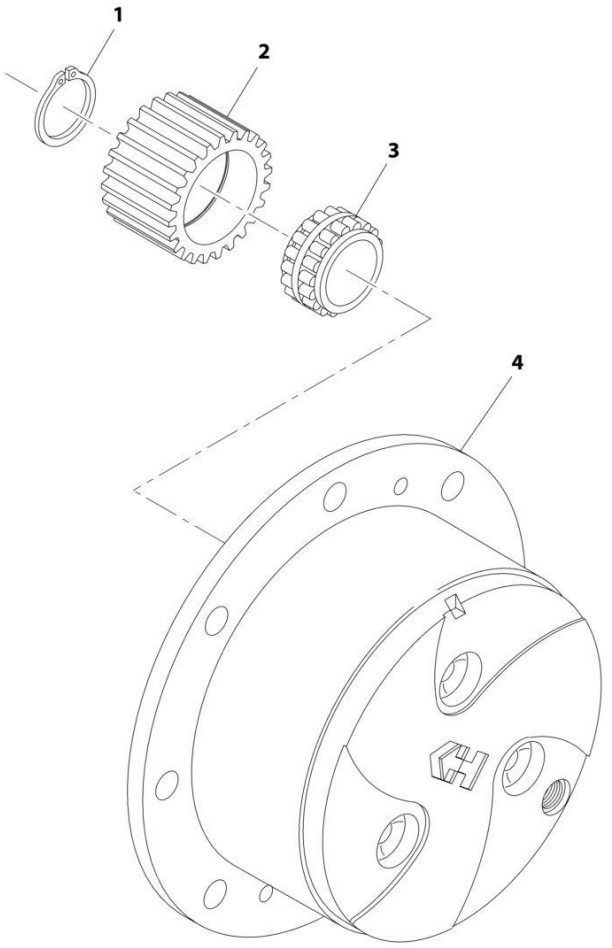



ART_91514149

## FIGURE 5-32. REDUCTION BUSHING KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 91514149 | Ref | Reduction Bushing Kit | |
| 1 | 80204005 | 2 | Circlip | |
| 2 | 91514146 | 2 | Bearing, Ball | |
| 3 | 91514147 | 2 | Seal | |
| 4 | 91514148 | 2 | O-Ring | |

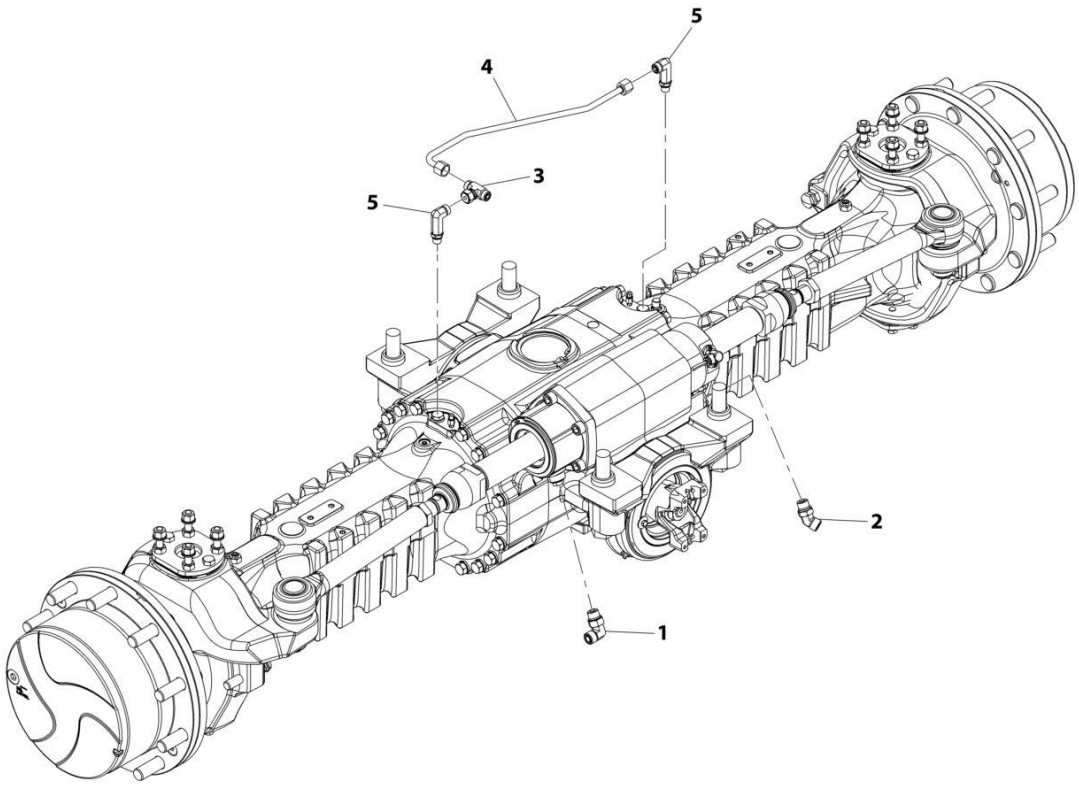
## FIGURE 5-33. PLANET GEAR CARRIER KIT



## FIGURE 5-33. PLANET GEAR CARRIER KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7029733 | Ref | Planet Gear Carrier Kit | |
| 1 | 91514184 | 3 | Circlip | |
| 2 | 91514185 | 6 | Gear, Planet | |
| 3 | 91514186 | 6 | Bearing | |
| 4 | 7026731 | 1 | Carrier, Planet Gear | |

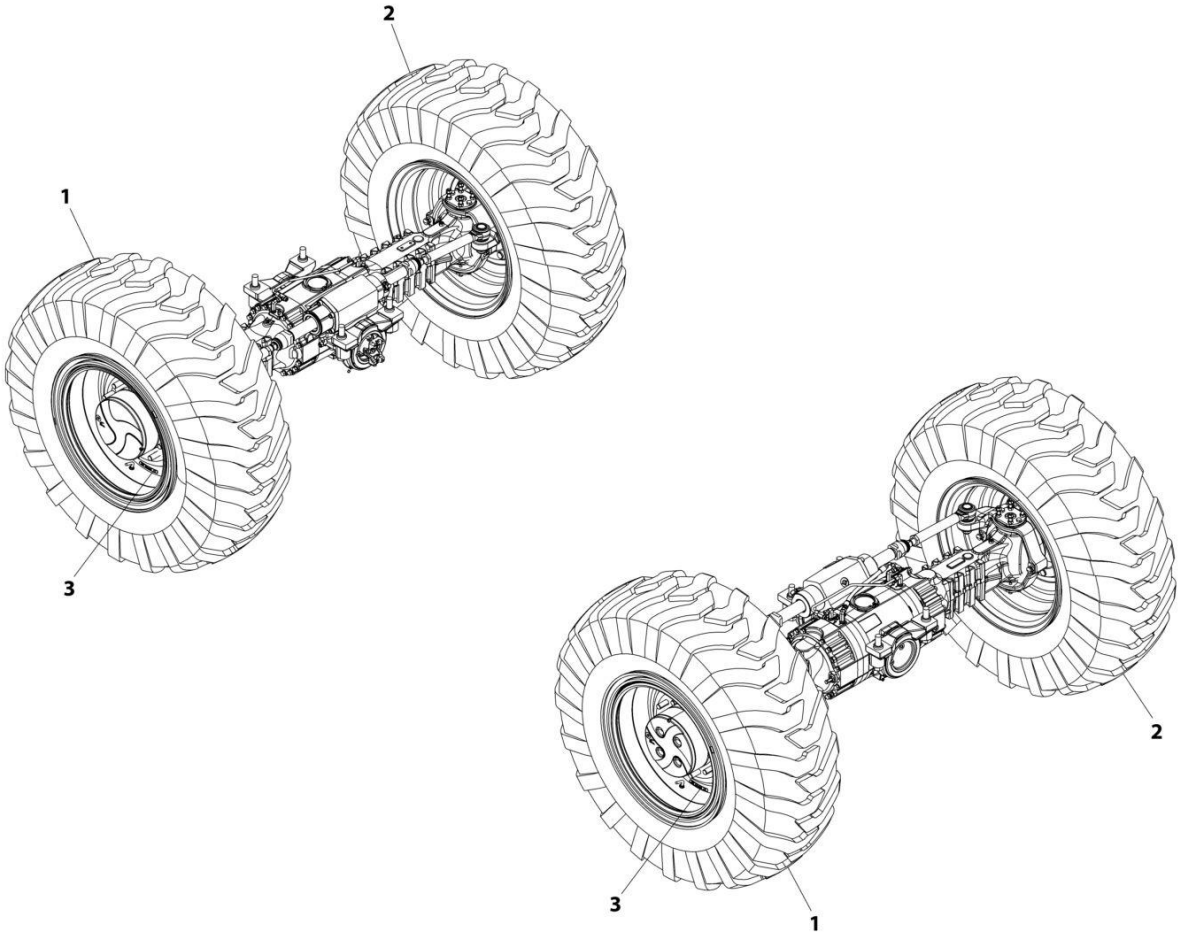
## FIGURE 5-34. REAR AXLE LINES INSTALLATION



## FIGURE 5-34. REAR AXLE LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207899 | Ref | Rear Axle Lines Installation | C |
| 1 | 2130808 | 1 | Fitting, 90 ORFS | |
| 2 | 2150808 | 1 | Fitting, 45 ORFS | |
| 3 | 2170806 | 1 | Fitting, Tee ORFS | |
| 4 | 1001224938 | 1 | Tube | |
| 5 | 1001210769 | 2 | Fitting, 90 ORFS | |

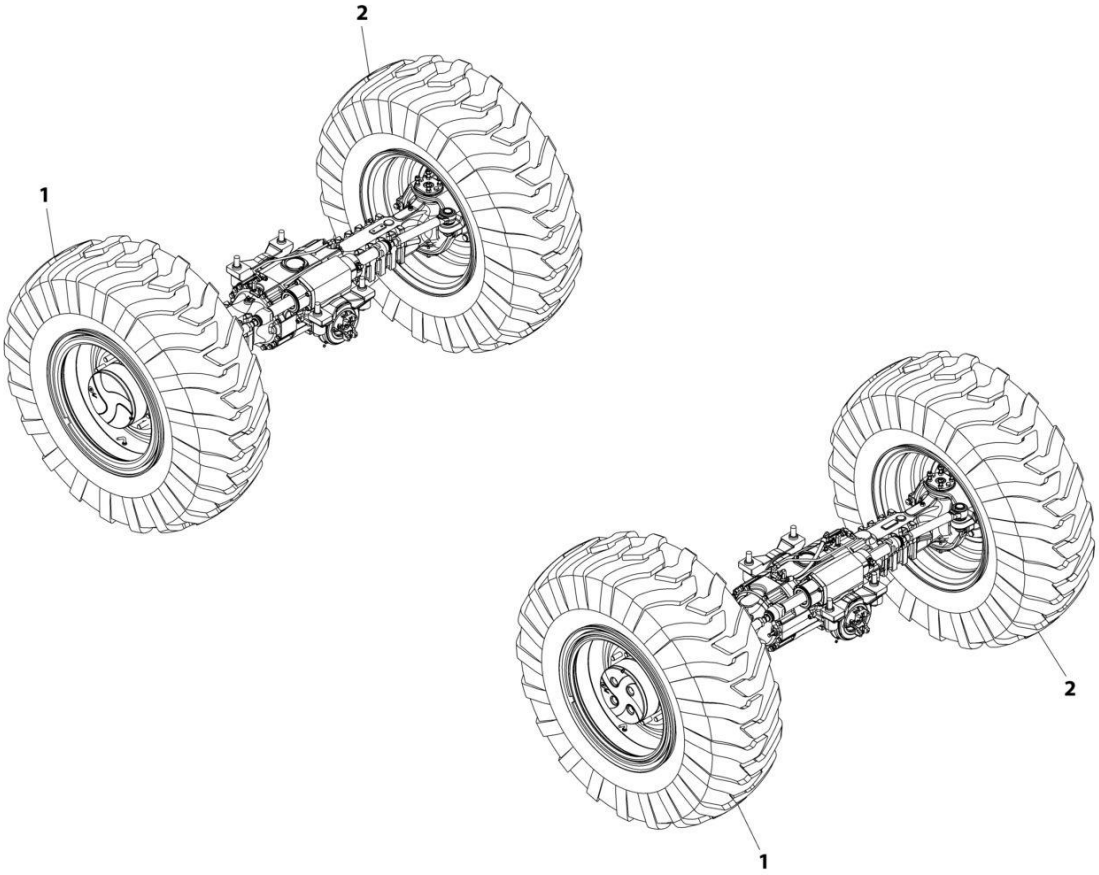
**FIGURE 5-35. TIRE/WHEEL SET (AIR 17.5-25 - 20 PLY)**



## FIGURE 5-35. TIRE/WHEEL SET (AIR 17.5-25 - 20 PLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192168 | 1 | Tire/Wheel Set (Air 17.5-25 - 20 PLY) | C |
| 1 | 1001192177 | 2 | Assembly, Right Tire/Wheel (Air 17.5-25 - 20 PLY) | |
| 1 | 8786549 | 1 | Valve, Stem | |
| 1 | 1001187423 | 1 | Tire, 17.5-25 20 PLY | |
| 1 | 1001189288J | 1 | Wheel, 25X14.0 DTU 10 Hole | |
| 2 | 1001192178 | 2 | Assembly, Left Tire/Wheel (Air 17.5-25 - 20 PLY) | |
| 2 | 8786549 | 1 | Valve, Stem | |
| 2 | 1001187423 | 1 | Tire, 17.5-25 20 PLY | |
| 2 | 1001189288J | 1 | Wheel, 25X14.0 DTU 10 Hole | |
| 3 | 1001229201 | 4 | Decal | |

## FIGURE 5-36. TIRE/WHEEL SET (FOAM 17.5-25 - 20 PLY)

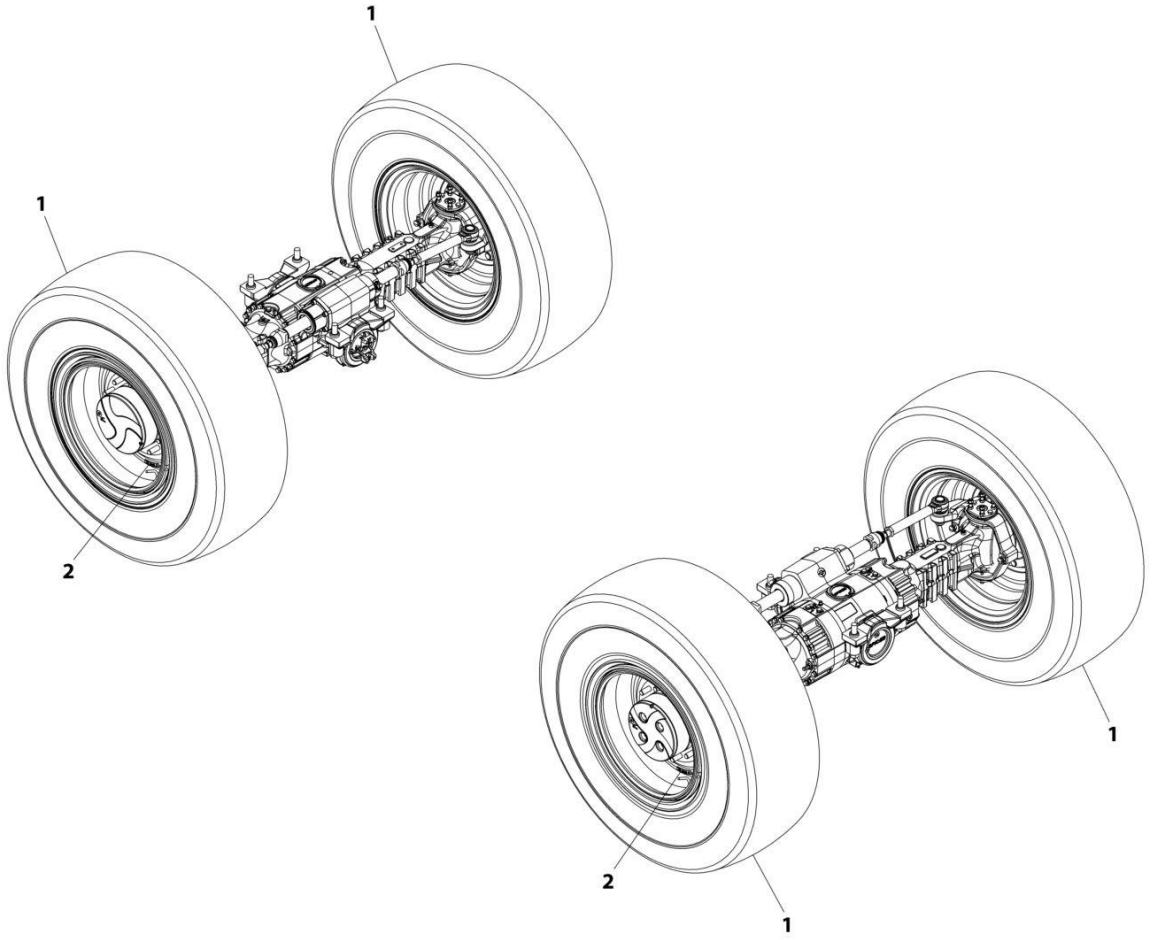



ART_1001192170-A

## FIGURE 5-36. TIRE/WHEEL SET (FOAM 17.5-25 - 20 PLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192170 | 1 | Tire/Wheel Set (Foam 17.5-25 - 20 PLY) | A |
| | | Ref | **Note: Requires ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete.** | |
| 1 | 1001192180 | 2 | Assembly, Right Tire/Wheel (Foam 17.5-25 - 20 PLY) | |
| 1 | 8786549 | 1 | Valve, Stem | |
| 1 | 1001187423 | 1 | Tire, 17.5-25 20 PLY | |
| 1 | 1001189288J | 1 | Wheel, 25X14.0 DTU 10 Hole | |
| 2 | 1001192181 | 2 | Assembly, Left Tire/Wheel (Foam 17.5-25 - 20 PLY) | |
| 2 | 8786549 | 1 | Valve, Stem | |
| 2 | 1001187423 | 1 | Tire, 17.5-25 20 PLY | |
| 2 | 1001189288J | 1 | Wheel, 25X14.0 DTU 10 Hole | |

## FIGURE 5-37. TIRE/WHEEL SET (AIR 17.5-25 - 22 PLY)

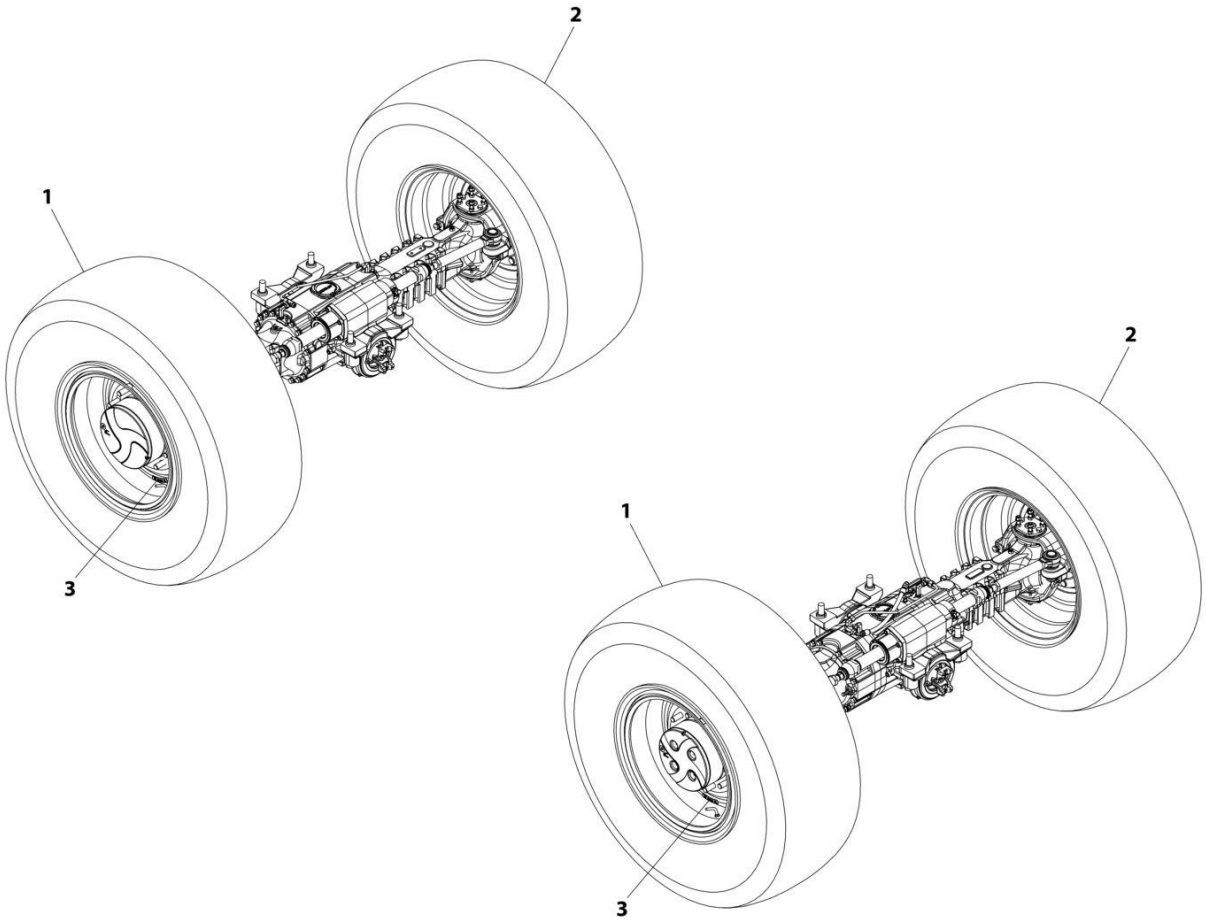



ART_1001221695-B

## FIGURE 5-37. TIRE/WHEEL SET (AIR 17.5-25 - 22 PLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221695 | Ref | Tire/Wheel Set (Air 17.5-25 - 22 PLY) | B |
| 1 | 1001221554 | 4 | Assembly, Tire/Wheel (Air 17.5-25 - 22 PLY) | |
| 1 | 8786549 | 1 | Valve, Stem | |
| 1 | 1001221553 | 1 | Tire, 17.5-25 EM60 22 PLY | |
| 1 | 1001189288J | 1 | Wheel, 25X14.0 DTU 10 Hole | |
| 2 | 1001229201 | 4 | Decal | |

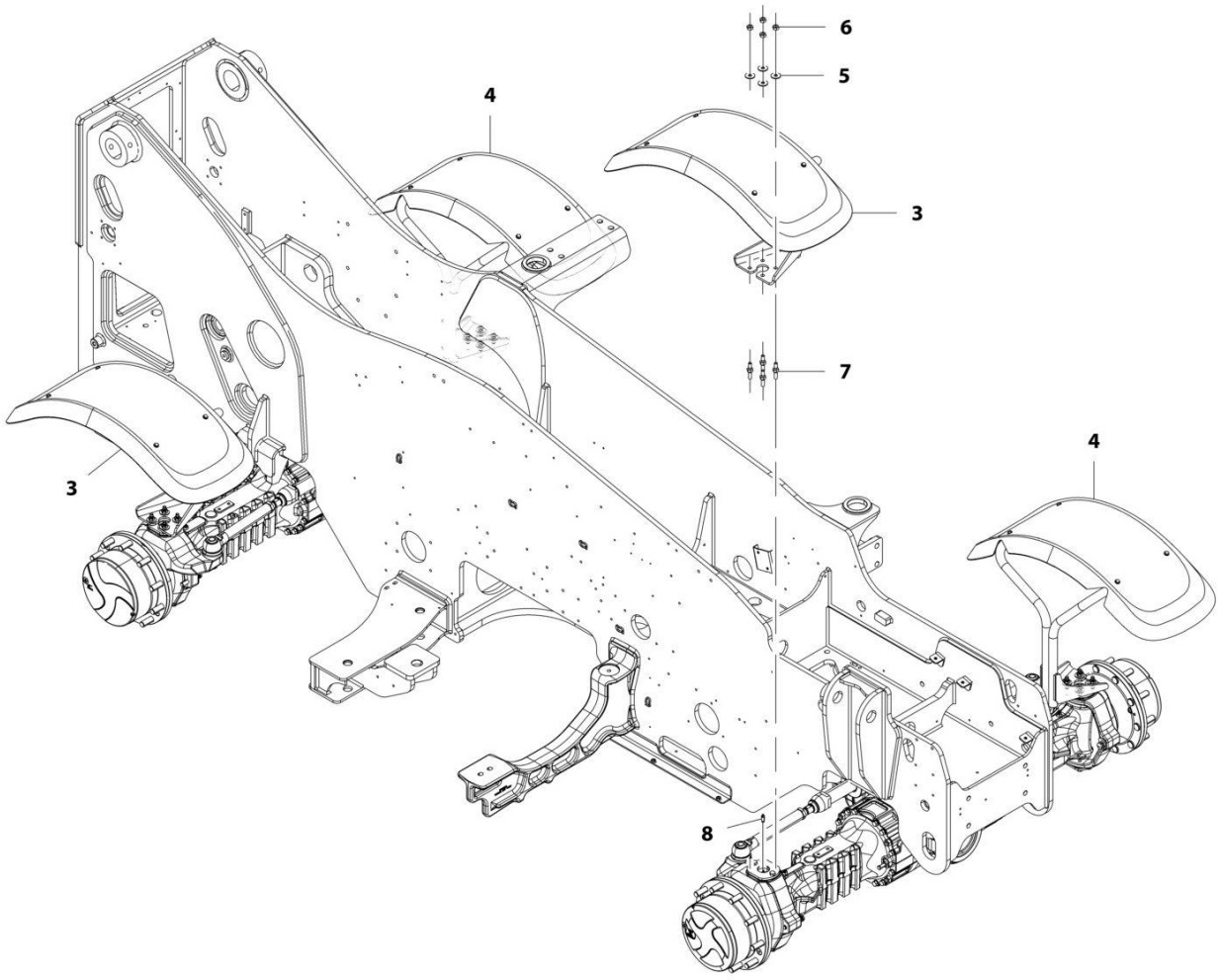
## FIGURE 5-38. TIRE/WHEEL SET (AIR 17.5 R25 - RADIAL)



## FIGURE 5-38. TIRE/WHEEL SET (AIR 17.5 R25 - RADIAL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221270 | 1 | Tire/Wheel Set (Air 17.5 R25 - Radial) | A |
| 1 | 1001221157 | 2 | Assembly, Right Tire/Wheel (Air 17.5 R25 - Radial) | |
| 1 | 8786549 | 1 | Valve, Stem | |
| 1 | 1001221087 | 1 | Tire, 17.5 R25 Radial | |
| 1 | 1001189288J | 1 | Wheel, 25X14.0 DTU 10 Hole | |
| 2 | 1001221321 | 2 | Assembly, Left Tire/Wheel (Air 17.5 R25 - Radial) | |
| 2 | 8786549 | 1 | Valve, Stem | |
| 2 | 1001221087 | 1 | Tire, 17.5 R25 Radial | |
| 2 | 1001189288J | 1 | Wheel, 25X14.0 DTU 10 Hole | |
| 3 | 1001221734 | 4 | Decal | |

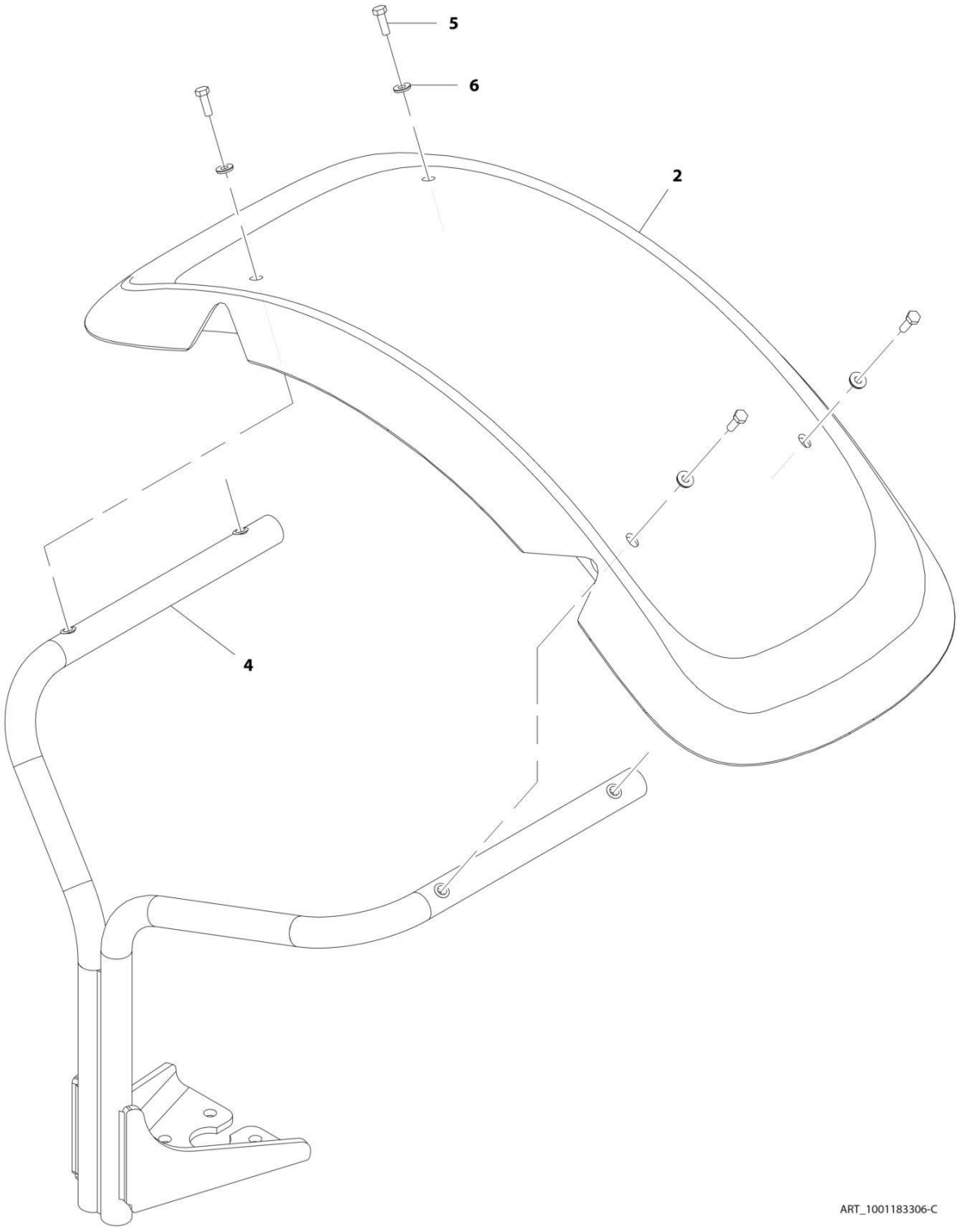
## FIGURE 5-39. FENDER INSTALLATION



## FIGURE 5-39. FENDER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174129 | Ref | Fender Installation | E |
| 3 | 1001183306 | 2 | Assembly, RH Fender (See Separate Breakdown in this Section) | |
| 4 | 1001183307 | 2 | Assembly, LH Fender (See Separate Breakdown in this Section) | |
| 5 | 4812102 | 16 | Washer, M12 | |
| 6 | 91513266 | 16 | Nut, M12X1.25 | |
| 7 | 91514118 | 16 | Stud, Fender | |
| 8 | 1001225317 | 4 | Fitting, Grease | |

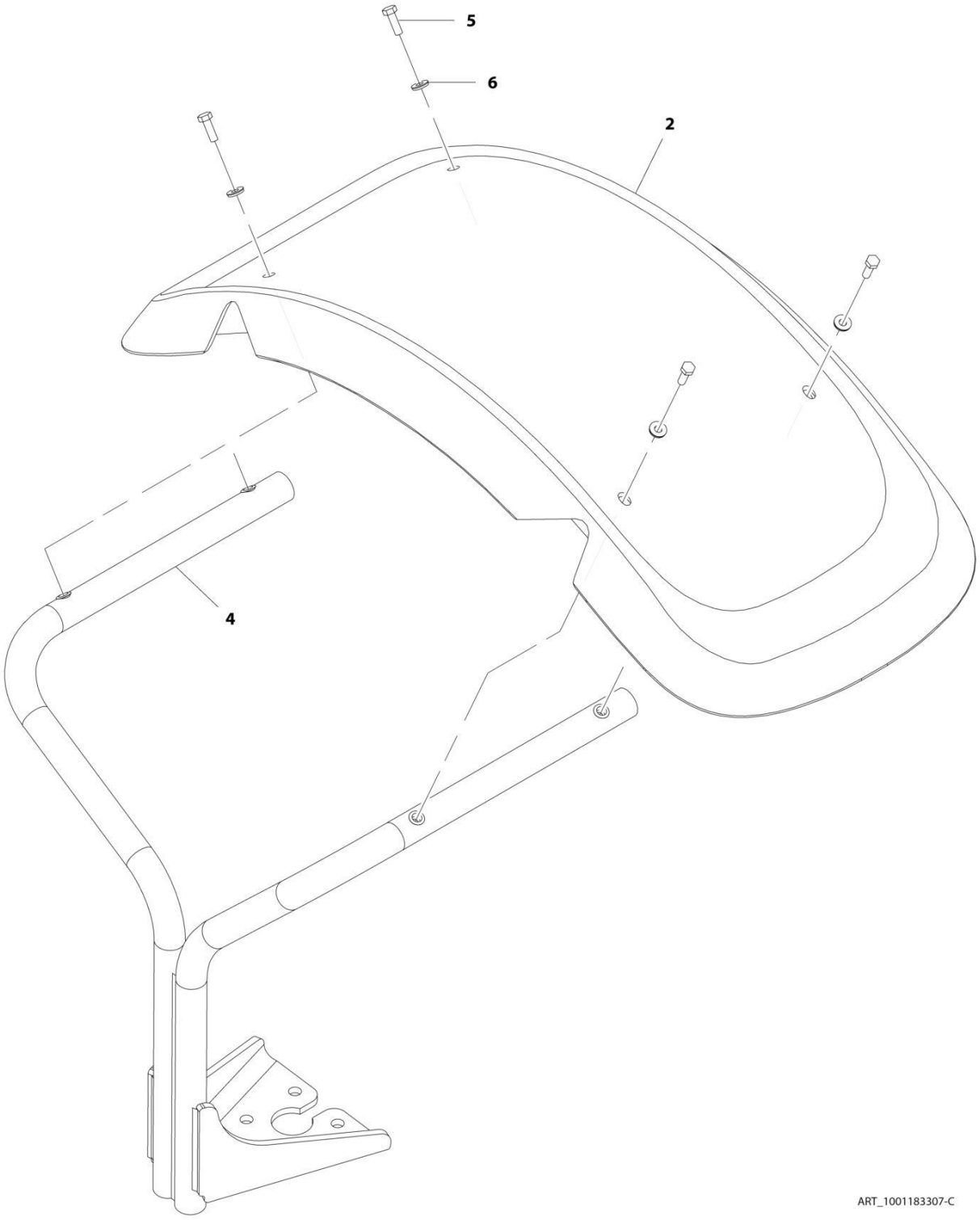
**FIGURE 5-40. RH FENDER ASSEMBLY**



## FIGURE 5-40. RH FENDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183306 | Ref | RH Fender Assembly | C |
| 2 | 1001168264 | 1 | Fender | |
| 4 | 1001183308 | 1 | Bracket | |
| 5 | 0760812 | 4 | Bolt, M8X25 | |
| 6 | 1001202786 | 4 | Washer | |

## FIGURE 5-41. LH FENDER ASSEMBLY

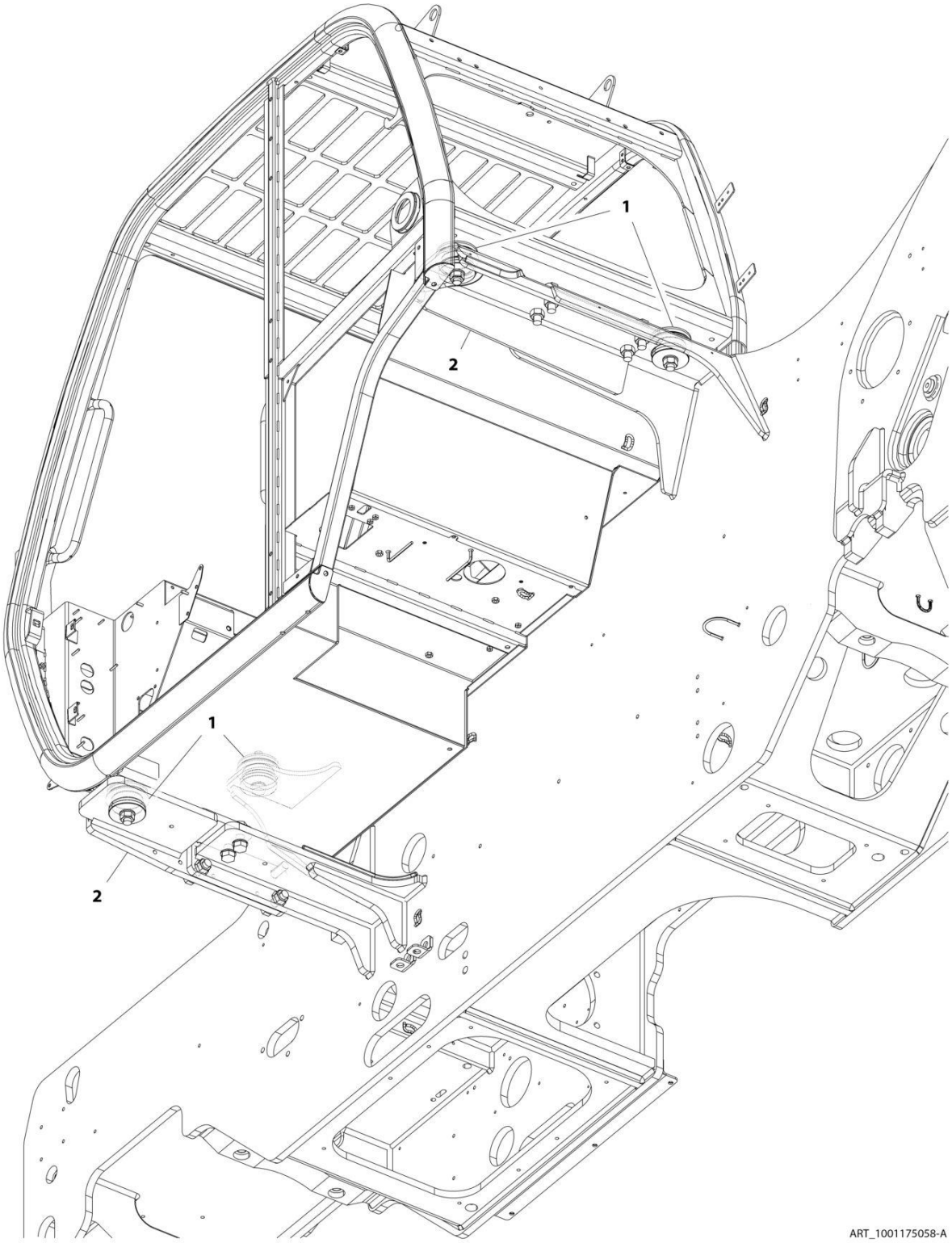


## FIGURE 5-41. LH FENDER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183307 | Ref | LH Fender Assembly | C |
| 2 | 1001168264 | 1 | Fender | |
| 4 | 1001183309 | 1 | Bracket | |
| 5 | 0760812 | 4 | Bolt, M8X25 | |
| 6 | 1001202786 | 4 | Washer | |

# SECTION 6 - CAB

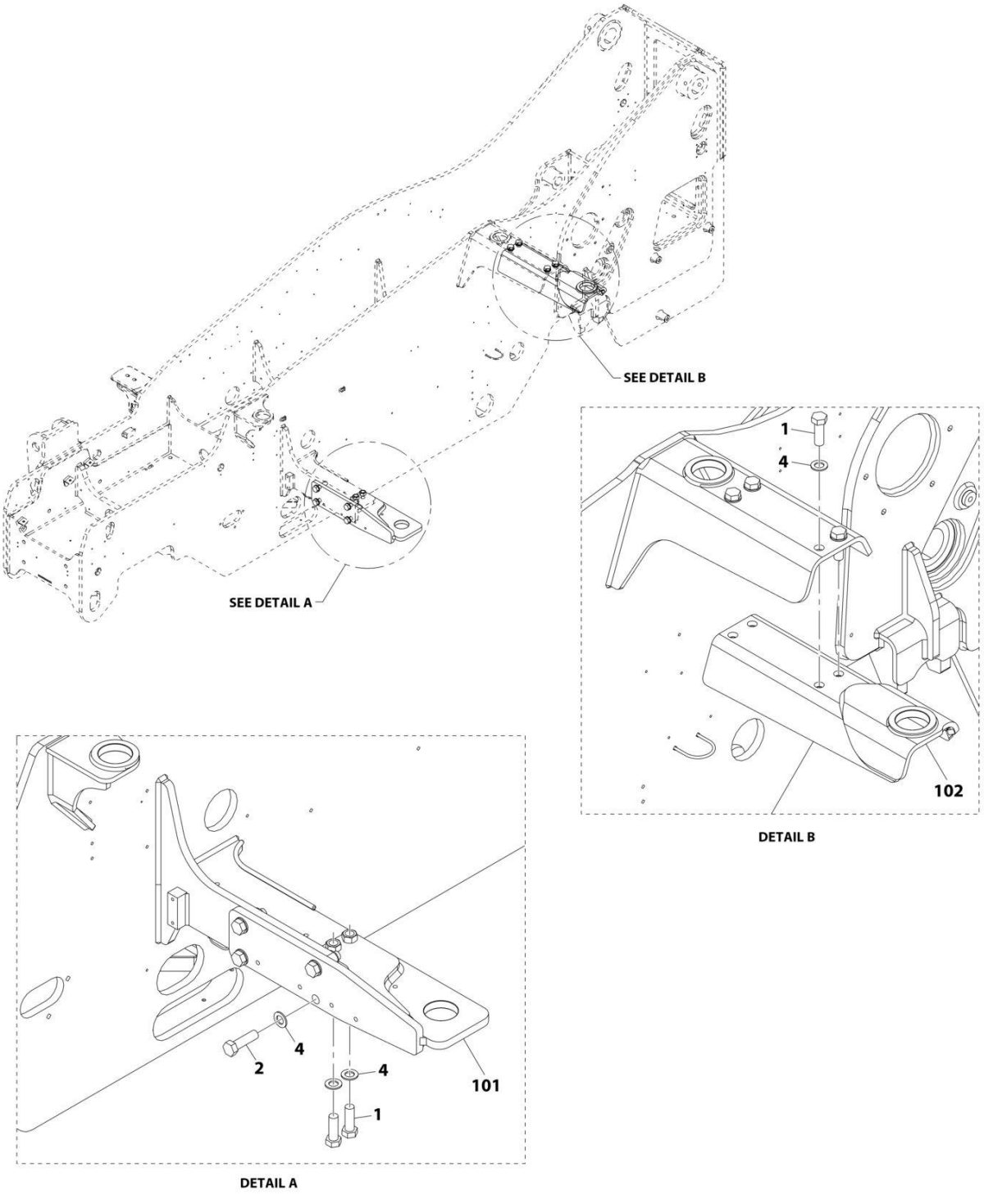
**FIGURE 6-1. CAB MOUNTING INSTALLATION**



## FIGURE 6-1. CAB MOUNTING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001175058 | Ref | Cab Mounting Installation | A |
| 1 | 1001155446 | Ref | Installation, Cab Mount (See Separate Breakdown in this Section) | |
| 2 | 1001191255 | Ref | Installation, Front Cab Mount Bracket (See Separate Breakdown in this Section) | |

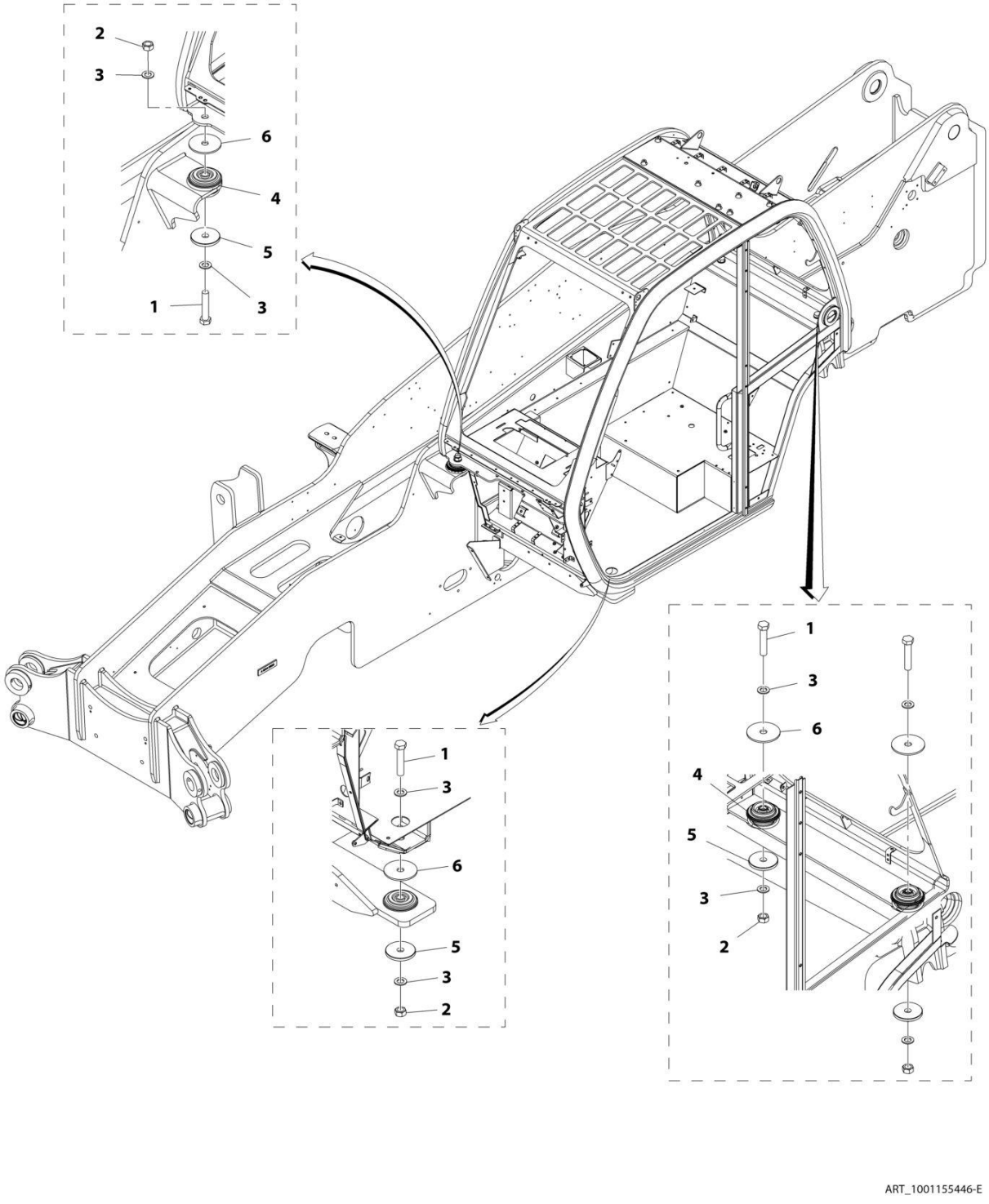
## FIGURE 6-2. FRONT CAB MOUNT BRACKET INSTALLATION



## FIGURE 6-2. FRONT CAB MOUNT BRACKET INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191255 | Ref | Front Cab Mount Bracket Installation | E |
| 1 | 0712020 | 6 | Bolt, M20X60 | |
| 2 | 0712022 | 4 | Bolt, M20X70 | |
| 4 | 4812500 | 10 | Washer, M20 | |
| 101 | 1001191256 | 1 | Bracket | |
| 102 | 1001191257 | 1 | Bracket | |

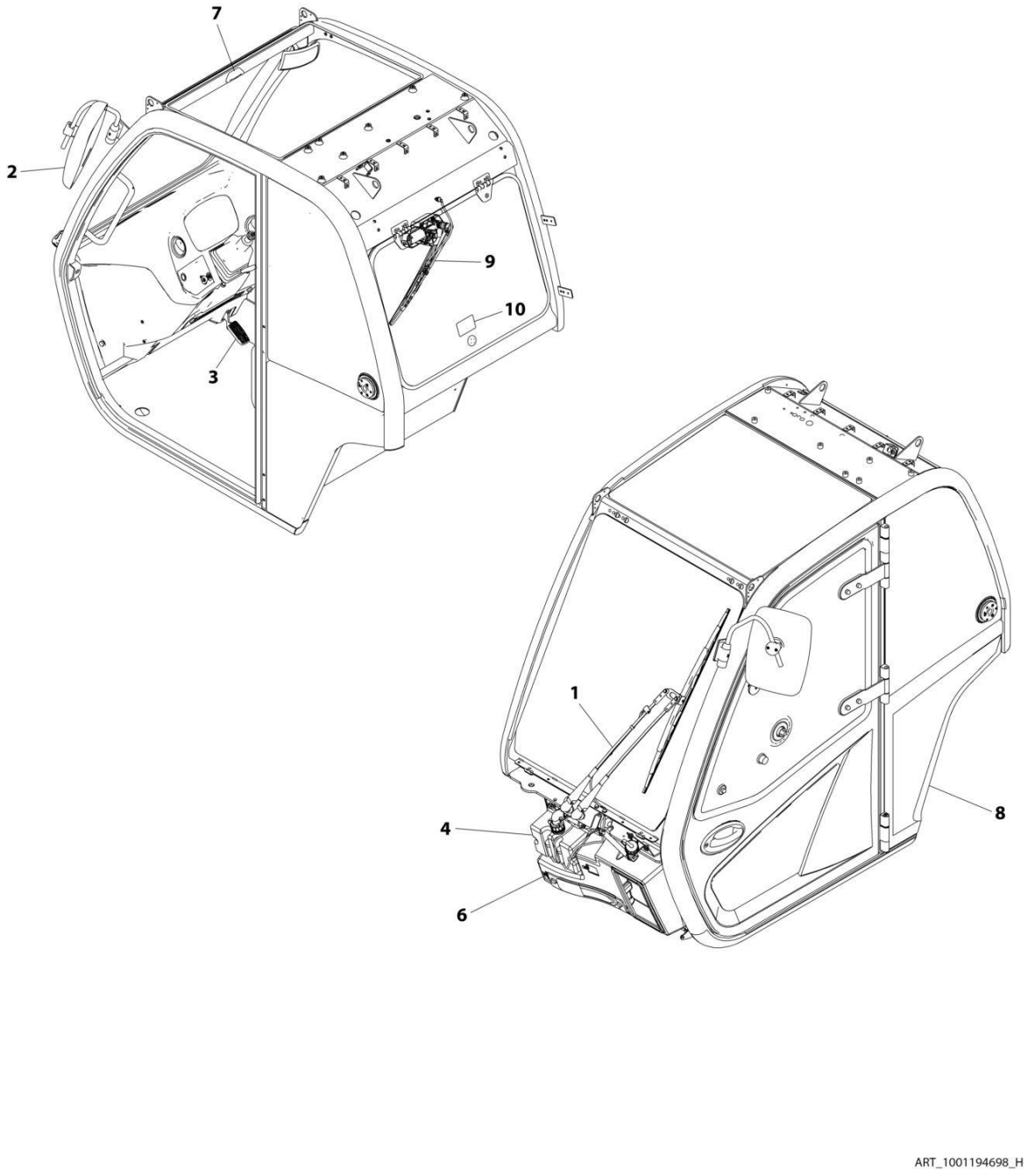
**FIGURE 6-3. CAB MOUNTS INSTALLATION**



## FIGURE 6-3. CAB MOUNTS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001155446 | Ref | Cab Mounts Installation | E |
| 1 | 0712027 | 4 | Bolt, M20X100 | |
| 2 | 3332011 | 4 | Nut, M20X2.5 | |
| 3 | 4812500 | 8 | Washer, M20 | |
| 4 | 1001166754 | 4 | Mount, Cab Isolation | |
| 5 | 1001166755 | 4 | Washer, Cab Rebound | |
| 6 | 1001220540 | 4 | Washer, Cab Mount | |

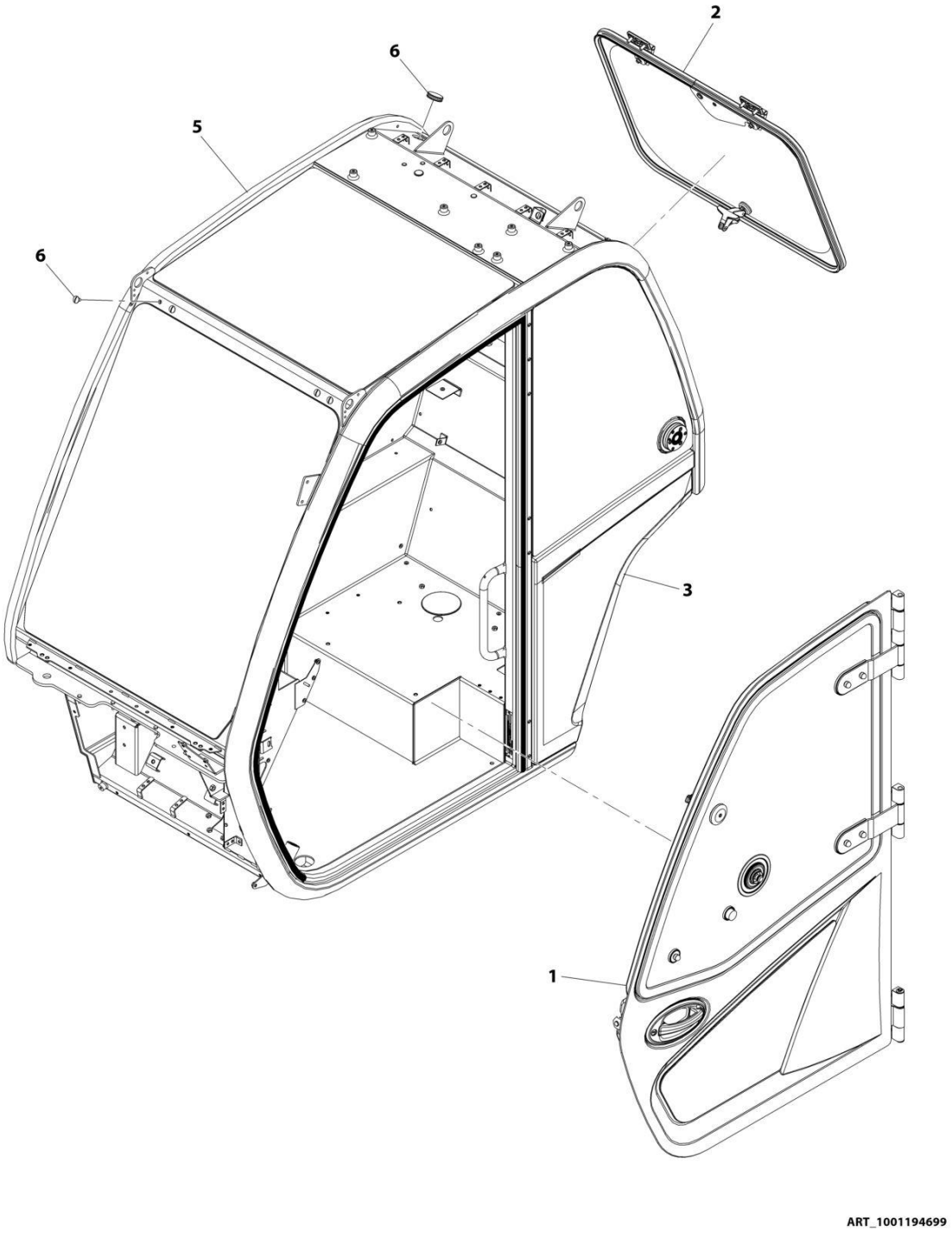
## FIGURE 6-4. CAB COMPONENTS INSTALLATION



## FIGURE 6-4. CAB COMPONENTS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001194698 | Ref | CAB COMPONENTS INSTALLATION | H |
| 1 | 1001155447 | Ref | Installation, Front Wiper (See Separate Breakdown in this Section) | |
| 2 | 1001160508 | Ref | Installation, Basic Mirror (See Separate Breakdown in this Section) | |
| 3 | 1001161499 | Ref | Installation, Accelerator Pedal (See Separate Breakdown in CONTROLS Section) | |
| 4 | 1001162789 | Ref | Installation, Washer Tank (See Separate Breakdown in this Section) | |
| 6 | 1001170366 | Ref | Installation, Front Cover (See Separate Breakdown in this Section) | |
| 7 | 1001172401 | Ref | Installation, Level Indicator (See Separate Breakdown in this Section) | |
| 8 | 1001194699 | Ref | Installation, Cab (See Separate Breakdown in this Section) | |
| 9 | 1001220329 | Ref | Installation, Rear Wiper (See Separate Breakdown in this Section) | |
| 10 | 1001204598 | Ref | Installation, Rear Window Exit Decal (See Separate Breakdown in this Section) | |

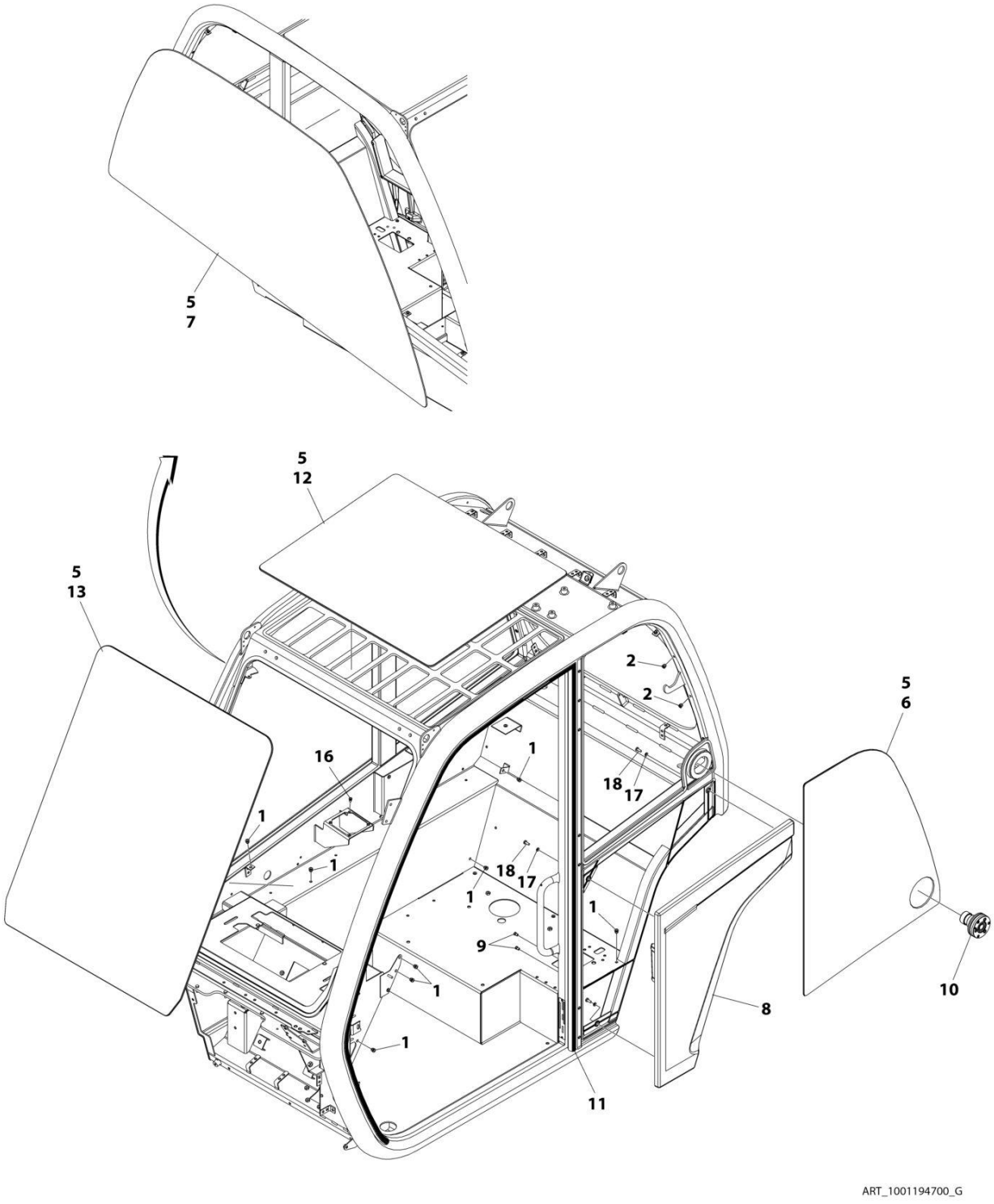
## FIGURE 6-5. CAB INSTALLATION



## FIGURE 6-5. CAB INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001194699 | Ref | Cab Installation | L |
| 1 | 1001155228 | 1 | Installation, Cab Door (See Separate Breakdown in this Section) | |
| 2 | 1001220339 | 1 | Installation, Rear Window (See Separate Breakdown in this Section) | |
| 3 | 1001194700 | 1 | Assembly, Cab Group (See Separate Breakdown in this Section) | |
| 5 | N.S.S. | 1 | Weldment, Cab | |
| 6 | 1001195814 | 1 | Group, Cab Plug (See Separate Breakdown in this Section) | |

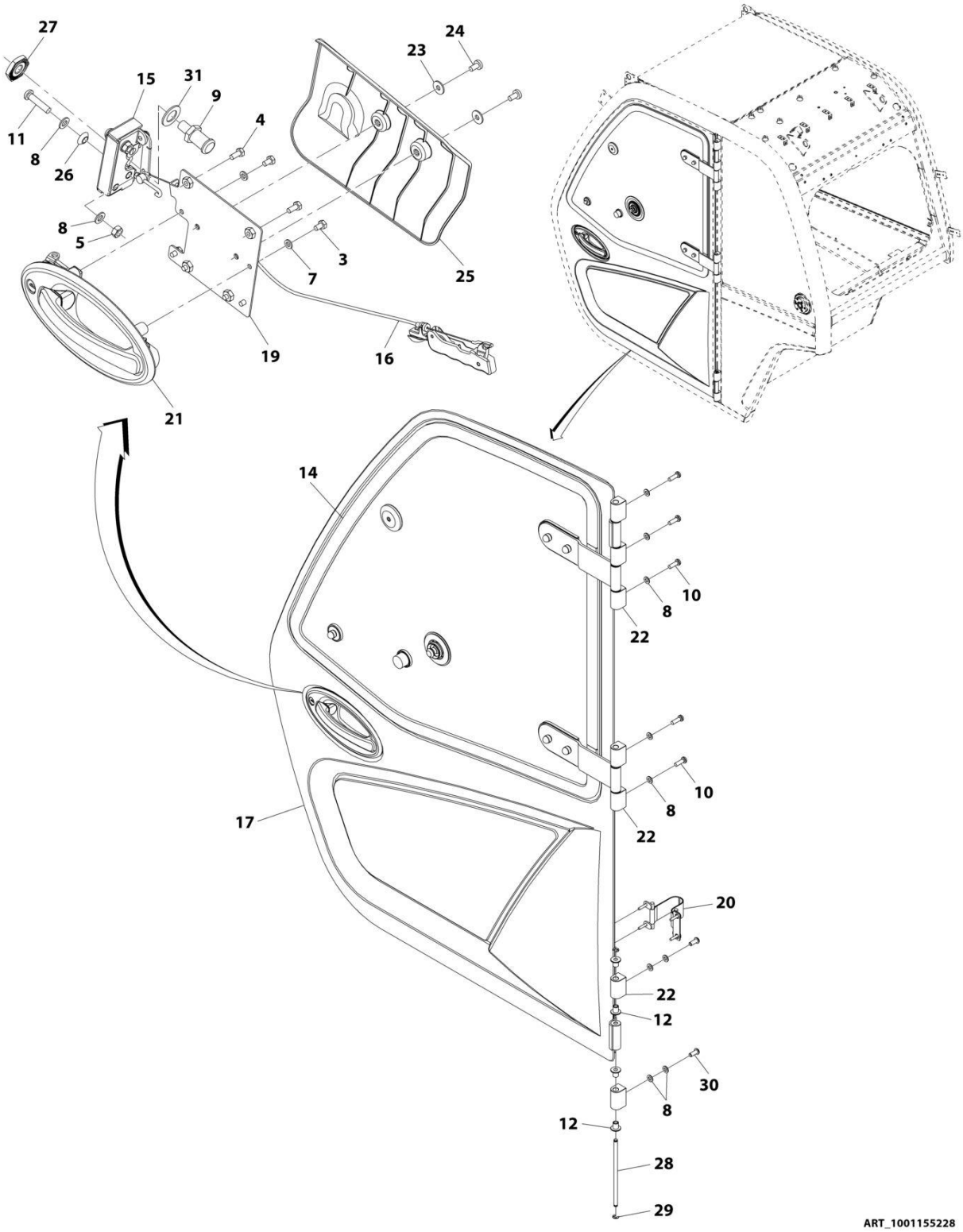
## FIGURE 6-6. CAB ASSEMBLY



## FIGURE 6-6. CAB ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001194700 | Ref | Cab Assembly | G |
| 1 | 2080086 | 25 | Rivnut M6 x 1 | |
| 2 | 2080087 | 16 | Rivnut M8 x 1.25 | |
| 5 | 1001111317 | AR | Compound, Locking | |
| 6 | 1001152915 | 1 | Glass, LH Screen | |
| 7 | 1001152947 | 1 | Glass, RH Screen | |
| 8 | 1001256073 | 1 | Panel, Cab Quarter | |
| 9 | 1001172193 | 2 | Rivnut M5 x 0.8 | |
| 10 | 1001174320 | 1 | Latch, Top Window | |
| 11 | 1001227186 | 1 | Seal, Cab Door | |
| 12 | 1001178159 | 1 | Glass, Roof Laminated | |
| 13 | 1001178160 | 1 | Glass, Front Laminated | |
| 16 | 1001195878 | 4 | Rivnut M5 x 0.8 | |
| 17 | 4811700 | 3 | Washer M6 | |
| 18 | 4010608002 | 3 | Screw M6 x 16 | |

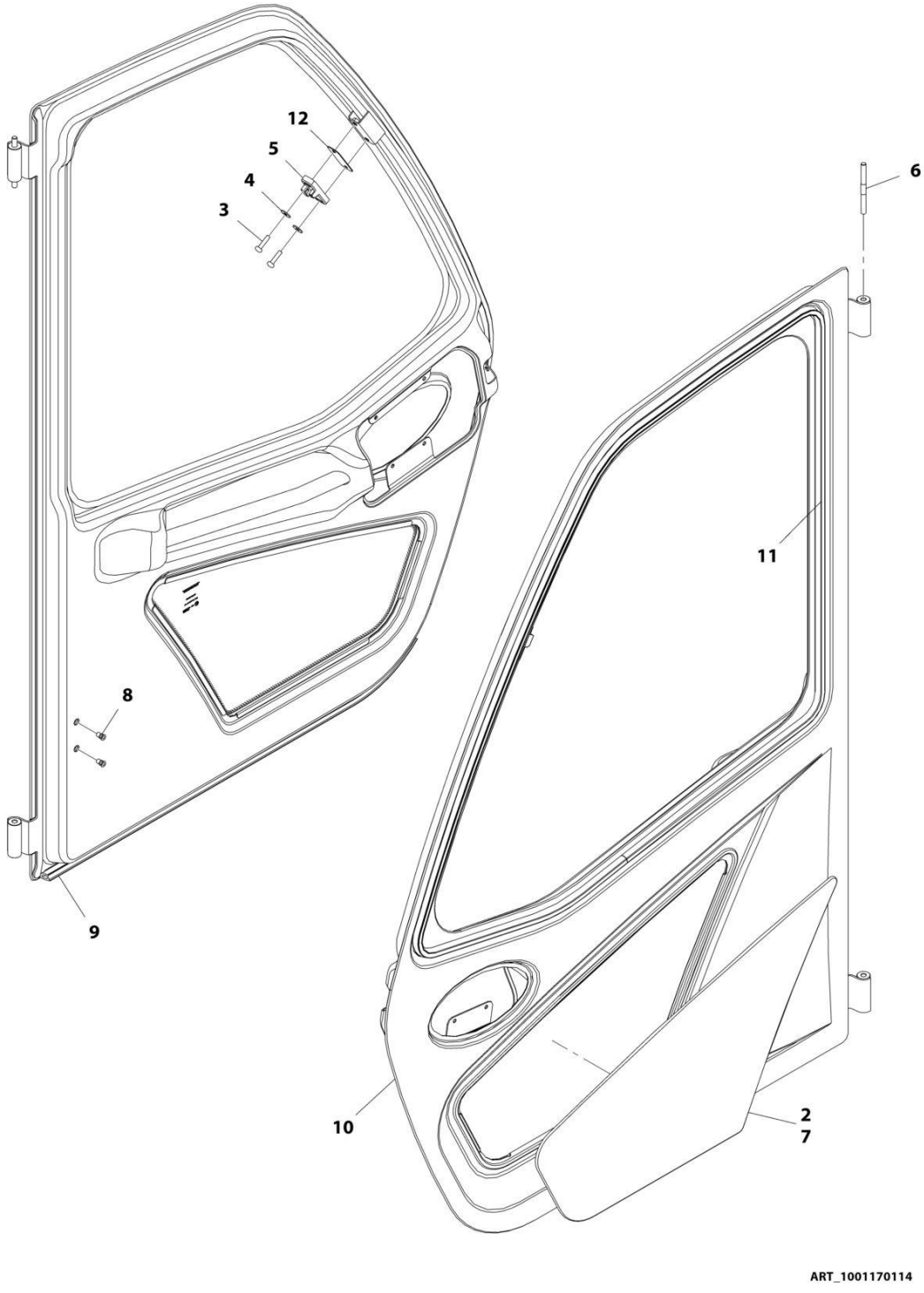
## FIGURE 6-7. DOOR INSTALLATION



## FIGURE 6-7. DOOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001155228 | Ref | Door Installation | Q |
| 3 | 0760605 | 4 | Bolt, M6X10 | |
| 4 | 0760607 | 4 | Bolt, M6X14 | |
| 5 | 3290801 | 2 | Nut, M8X1.25 Grade 8 | |
| 7 | 4811700 | 4 | Washer, M6 | |
| 8 | 4811900 | 13 | Washer, M8 | |
| 9 | 8000803 | 1 | Pin, Door Striker | |
| 10 | 1001008988 | 5 | Screw M8X25 | |
| 11 | 1001047062 | 2 | Screw, M8X35 | |
| 12 | 1001107192 | 10 | Sleeve, Hinge | |
| 14 | 1001205532 | 1 | Assembly, Door Upper Glass (See Separate Breakdown in this Section) | |
| 15 | 1001192766 | 1 | Assembly, Cab Latch (See Separate Breakdown in this Section) | |
| 16 | 1001167958 | 1 | Assembly, Cab Door Trigger (See Separate Breakdown in this Section) | |
| 17 | 1001170114 | 1 | Assembly, Door (See Separate Breakdown in this Section) | |
| 19 | 1001173298 | 1 | Bracket | |
| 20 | 1001174295 | 1 | Installation, Door Strap (See Separate Breakdown in this Section) | |
| 21 | 1001192646 | 1 | Handle, Exterior Door | |
| 22 | 1001229543 | 7 | Block, Hinge (Rounded Top/Bottom Edge) | |
| 22 | 1001170601J | 7 | Block, Hinge (Square Top/Bottom Edge) | |
| 23 | 4811702001 | 2 | Washer, M6 | |
| 24 | 4010608002 | 2 | Screw, Posi-Drive, M6X16 | |
| 25 | 1001175477 | 1 | Cover, Cab Door Interior | |
| 26 | 1001184439 | 2 | Bushing | |
| 27 | 1001192309 | 1 | Nut, M12X1 | |
| 28 | 1001213791 | 1 | Pin | |
| 29 | 0498748 | 2 | Washer, Lock M7 | |
| 30 | 1001164726 | 2 | Bolt, M8X20 | |
| 31 | 1001227802 | 1 | Washer | |

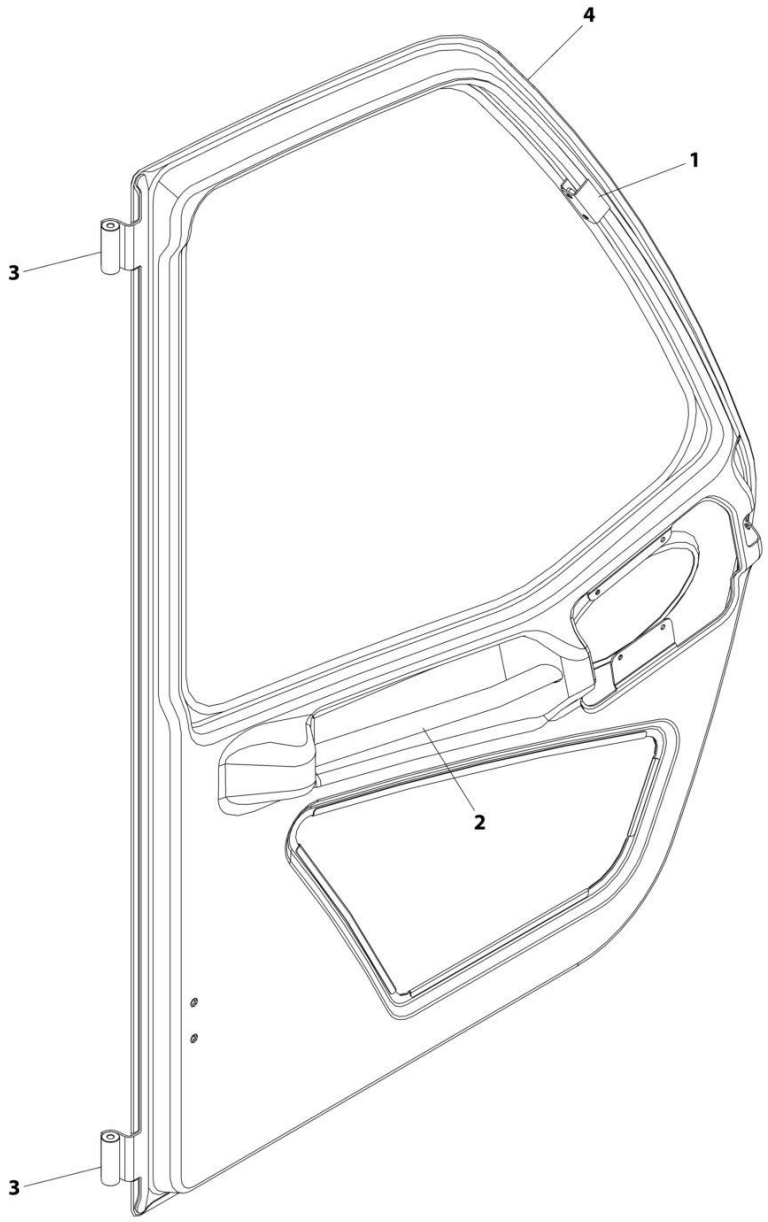
## FIGURE 6-8. DOOR ASSEMBLY



## FIGURE 6-8. DOOR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001170114 | Ref | Door Assembly | K |
| 2 | 1001111317 | AR | Compound, Locking | |
| 3 | 4010612002 | 2 | Screw, M6X25 | |
| 4 | 4811702001 | 2 | Washer, M6 | |
| 5 | 1001165276 | 1 | Plate, Window Latch Striker | |
| 6 | 1001166634 | 1 | Pin, Hinge | |
| 7 | 1001169880 | 1 | Window, Lower Glass | |
| 8 | 1001172193 | 2 | Rivnut, M5X0.8 | |
| 9 | 1001227188 | 1 | Seal, Cab Door | |
| 10 | 1001170113J | 1 | Door, Cab (See Separate Breakdown in this Section) | |
| 11 | 1001227187 | 1 | Seal, Cab Door Window | |
| 12 | 1001193210 | AR | Shim, Window Latch | |

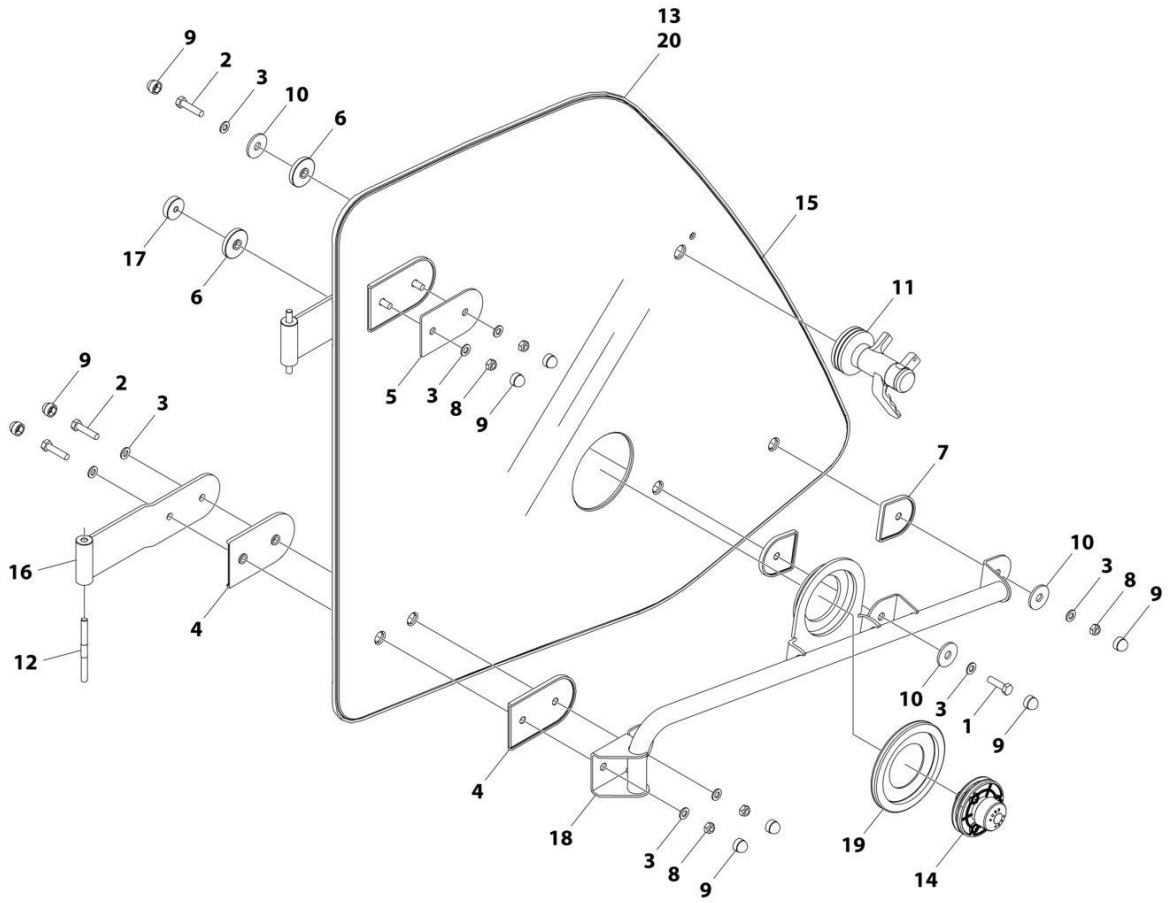
## FIGURE 6-9. CAB DOOR



## FIGURE 6-9. CAB DOOR

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001170113J | Ref | Cab Door | E |
| 1 | 1001169883 | 1 | Bracket, Window Latch | |
| 2 | 1001169885 | 1 | Handle, Interior Door | |
| 3 | 1001171037 | 1 | Plate, Hinge | |
| 4 | 1001171635 | 1 | Frame, Door | |

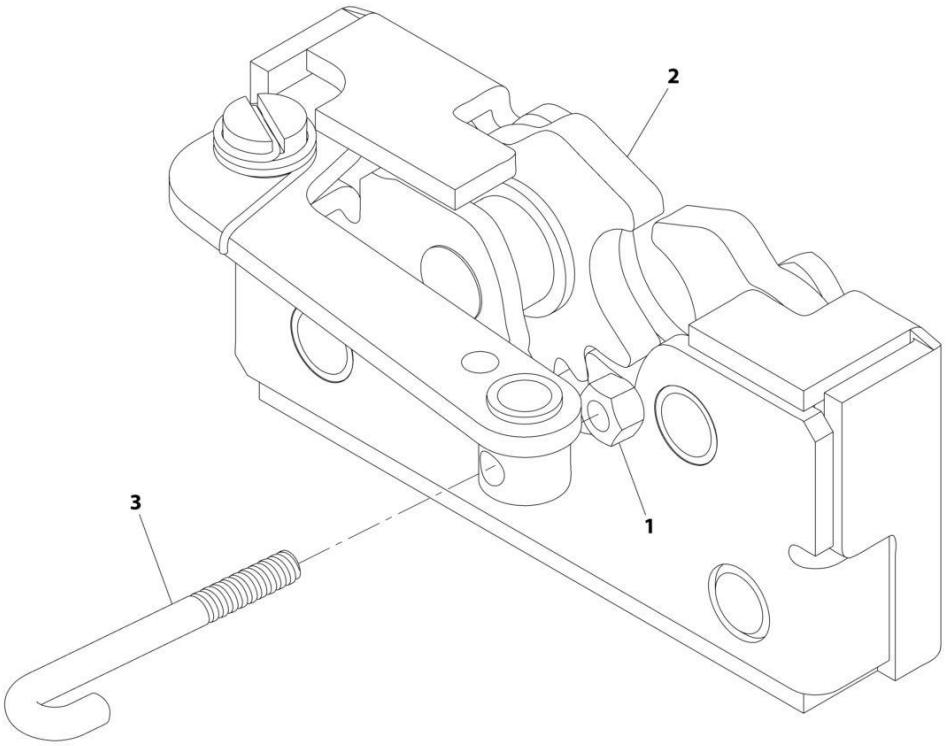
## FIGURE 6-10. DOOR UPPER GLASS ASSEMBLY



## FIGURE 6-10. DOOR UPPER GLASS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001205532 | Ref | Door Upper Glass Assembly | G |
| 1 | 0760812 | 1 | Bolt, M8X25 | |
| 2 | 0760815 | 5 | Bolt, M8X35 | |
| 3 | 4811900 | 11 | Washer, 8MM | |
| 4 | 1001002946 | 4 | Mount, Hinge | |
| 5 | 1001002947 | 1 | Mount, Hinge | |
| 6 | 1001002953 | 2 | Mount, Rubber | |
| 7 | 1001002957 | 2 | Mount, Latch | |
| 8 | 1001008857 | 5 | Nut, Lock | |
| 9 | 1001096365 | 11 | Cap, M8 | |
| 10 | 1001141246 | 3 | Mount, Rubber | |
| 11 | 1001165275 | 1 | Latch, Window | |
| 12 | 1001166634 | 2 | Pin, Hinge | |
| 13 | 1001170944 | 1 | Panel, Window Surround | |
| 14 | 1001174321 | 1 | Striker, Top Window | |
| 15 | 1001204066 | 1 | Glass, Window | |
| 16 | 1001204115 | 2 | Hinge | |
| 17 | 1001222741 | 1 | Buffer, Cab | |
| 18 | 1001204120 | 1 | Handle | |
| 19 | 1001213331 | 1 | Gasket | |
| 20 | 1001215531 | AR | Adhesive | |

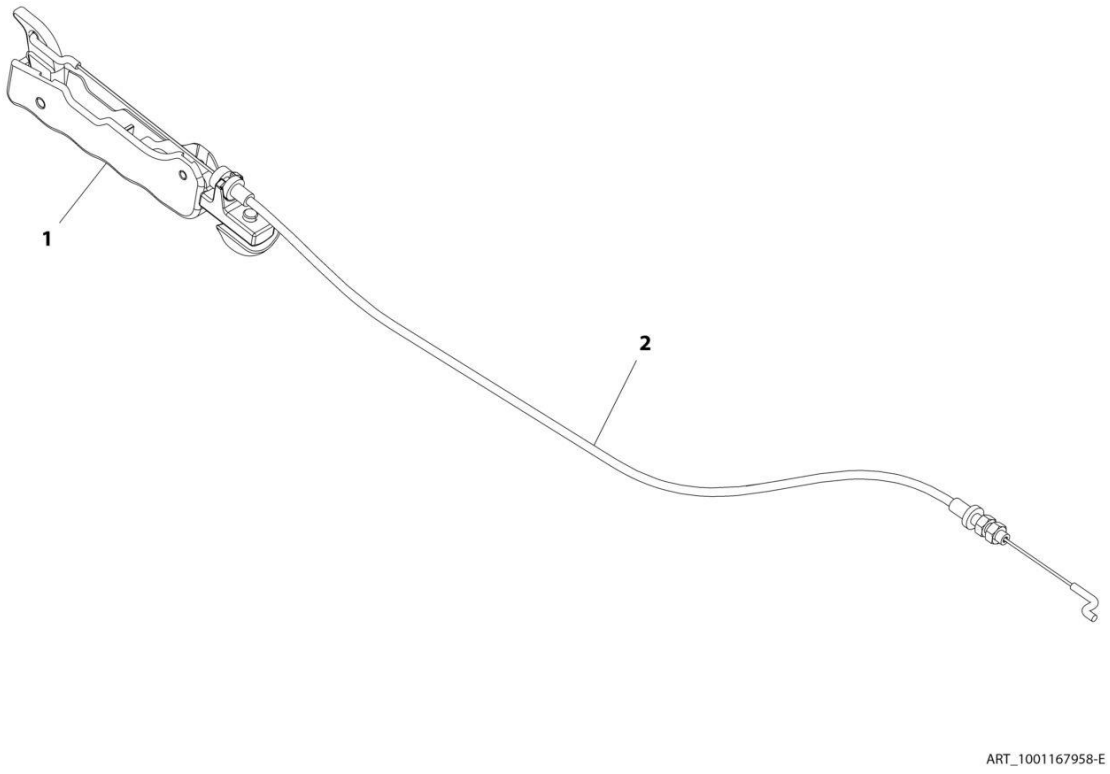
**FIGURE 6-11. CAB LATCH ASSEMBLY**



## FIGURE 6-11. CAB LATCH ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192766 | Ref | Cab Latch Assembly | C |
| 1 | 3290405 | 1 | Nut, M4X0.7 Grade 8 | |
| 2 | 1001192643 | 1 | Latch | |
| 3 | 1001241308 | 1 | Link, Door Handle | |

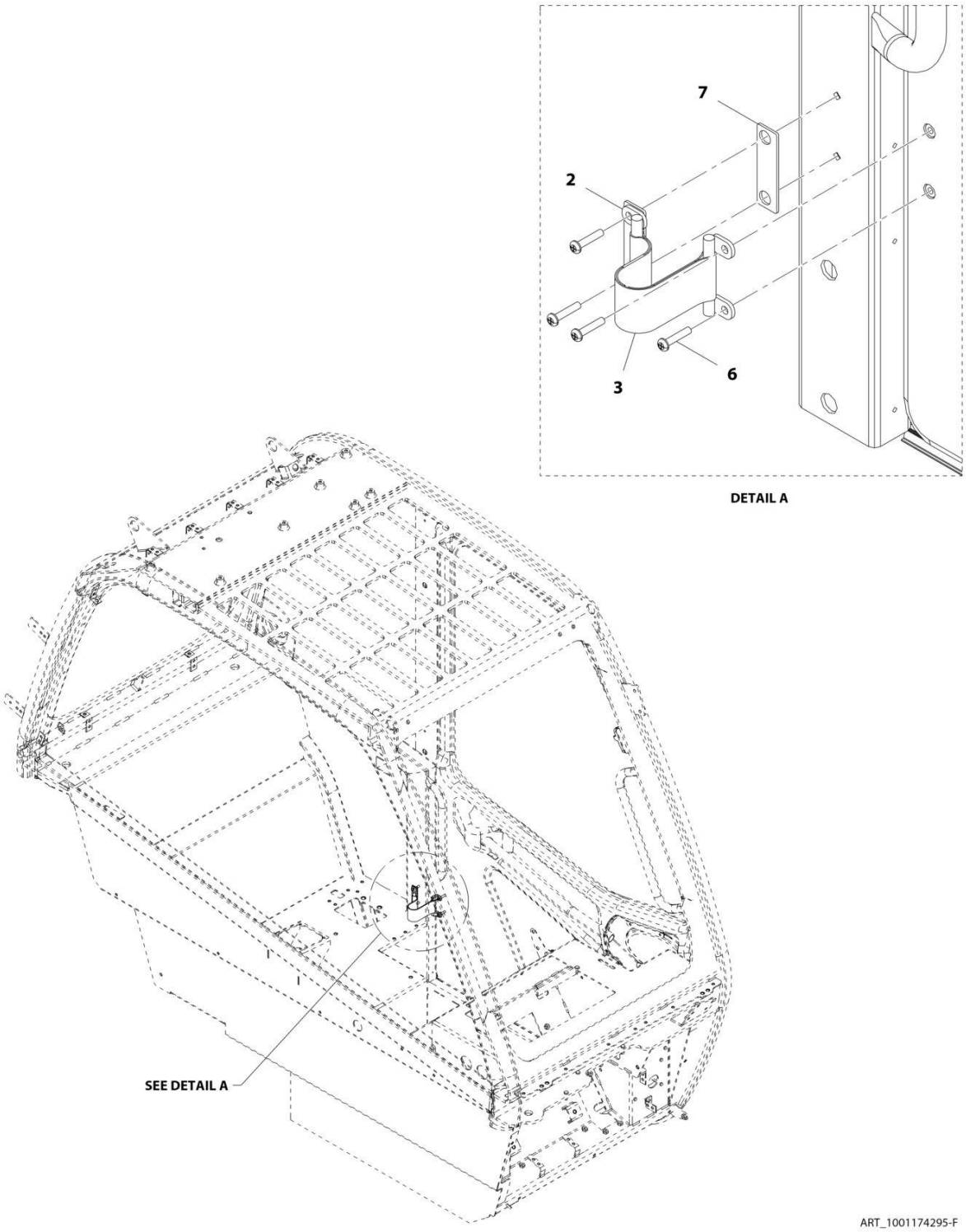
## FIGURE 6-12. CAB DOOR TRIGGER ASSEMBLY



## FIGURE 6-12. CAB DOOR TRIGGER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001167958 | Ref | Cab Door Trigger Assembly | E |
| 1 | 1001167937 | 1 | Trigger, Cab Interior Release | |
| 2 | 1001192644 | 1 | Cable, Cab Latch Release | |

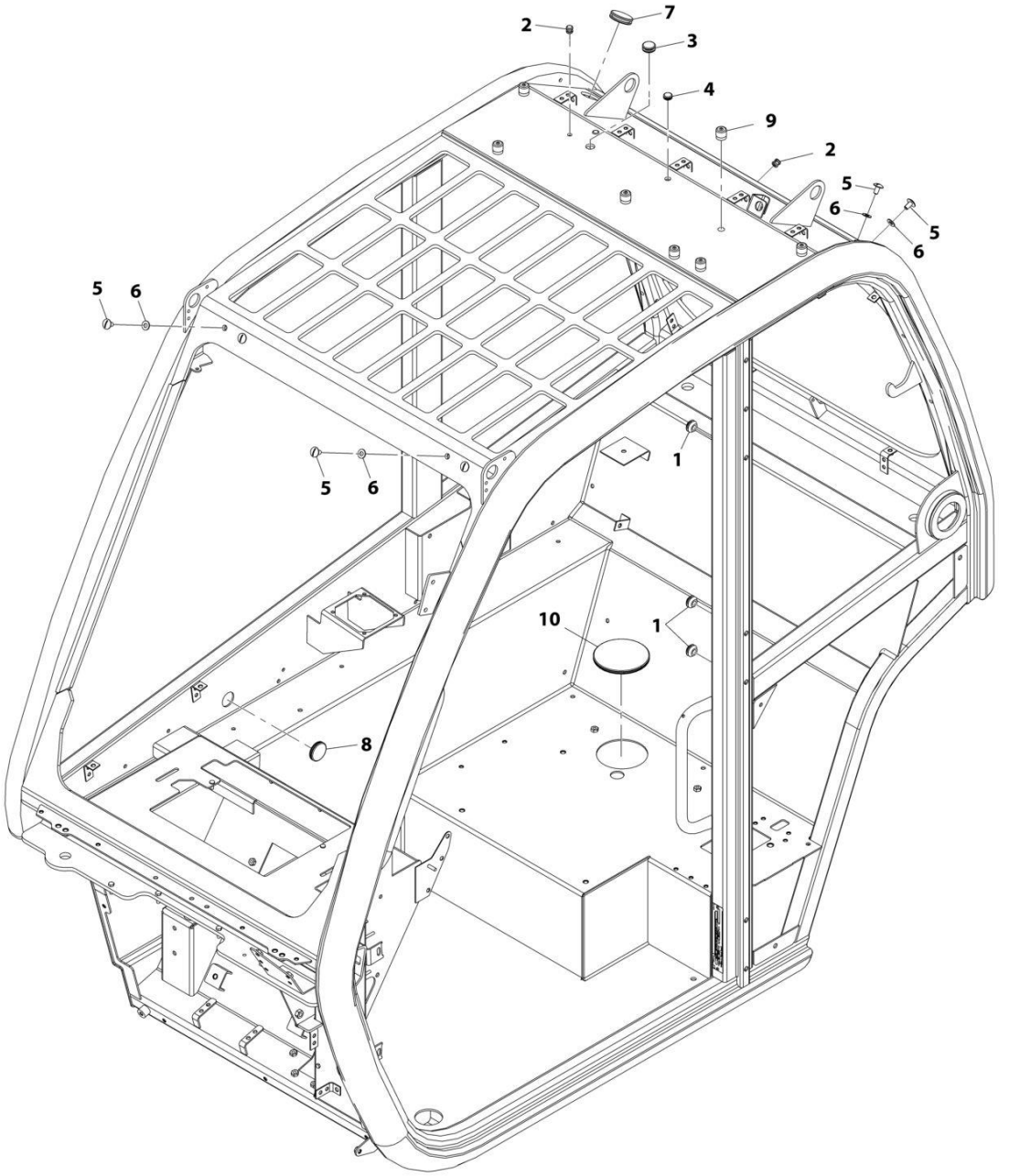
## FIGURE 6-13. DOOR STRAP INSTALLATION



## FIGURE 6-13. DOOR STRAP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174295 | Ref | Door Strap Installation | F |
| 2 | 1001230163 | 2 | Bracket, Strap Holder | |
| 3 | 1001212011 | 1 | Strap, Door Hold Open | |
| 6 | 8310559 | 4 | Screw | |
| 7 | 1001191091 | 1 | Plate, Cab Door Strap | |

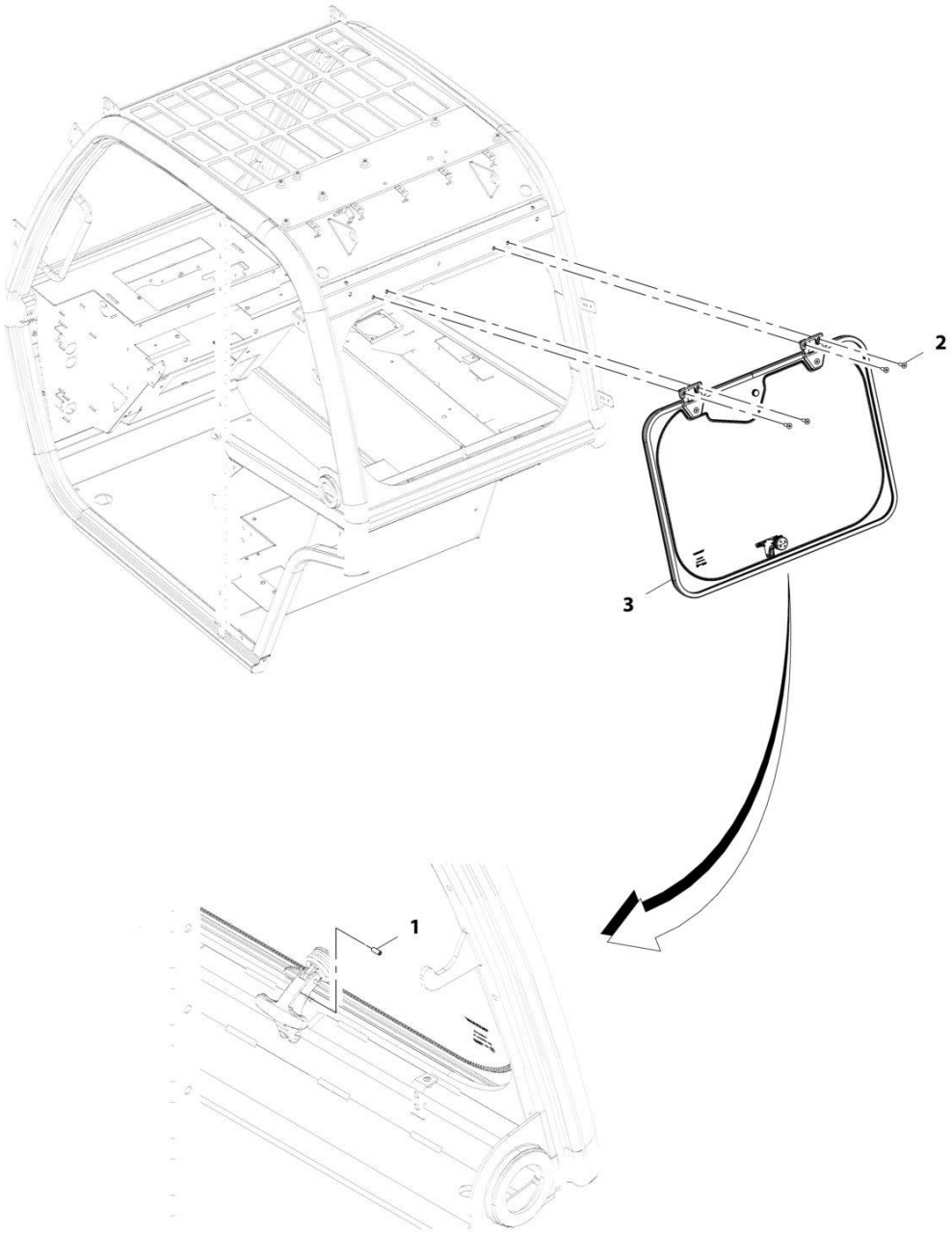
## FIGURE 6-14. CAB PLUG GROUP



## FIGURE 6-14. CAB PLUG GROUP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195814 | Ref | Cab Plug Group | C |
| 1 | 1001143200 | 7 | Plug | |
| 2 | 1001176272 | 3 | Plug | |
| 3 | 1001176273 | 1 | Plug | |
| 4 | 1001176626 | 1 | Plug | |
| 5 | 1001181920 | 8 | Screw, Nylon M8X16 | |
| 6 | 1001181921 | 8 | Washer, Rubber M8 | |
| 7 | 1001182123 | 2 | Plug | |
| 8 | 1001182139 | 1 | Plug | |
| 9 | 1001219220 | 7 | Plug | |
| 10 | 1001209899 | 1 | Plug | |

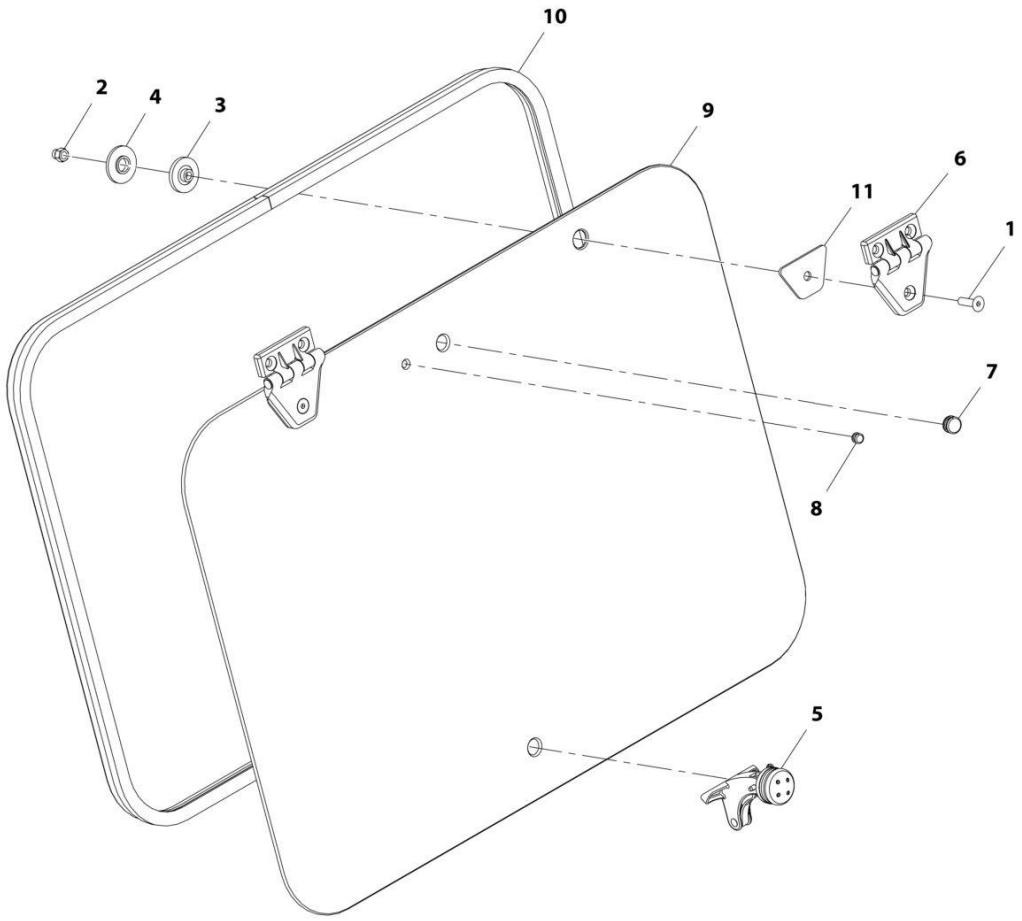
## FIGURE 6-15. REAR WINDOW INSTALLATION



## FIGURE 6-15. REAR WINDOW INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220339 | Ref | Rear Window Installation | A |
| 1 | 1001003043 | 1 | Pin, Spring | |
| 2 | 1001097586 | 4 | Screw, M8X1.25 | |
| 3 | 1001220338 | 1 | Assembly, Rear Window (See Separate Breakdown in this Section) | |

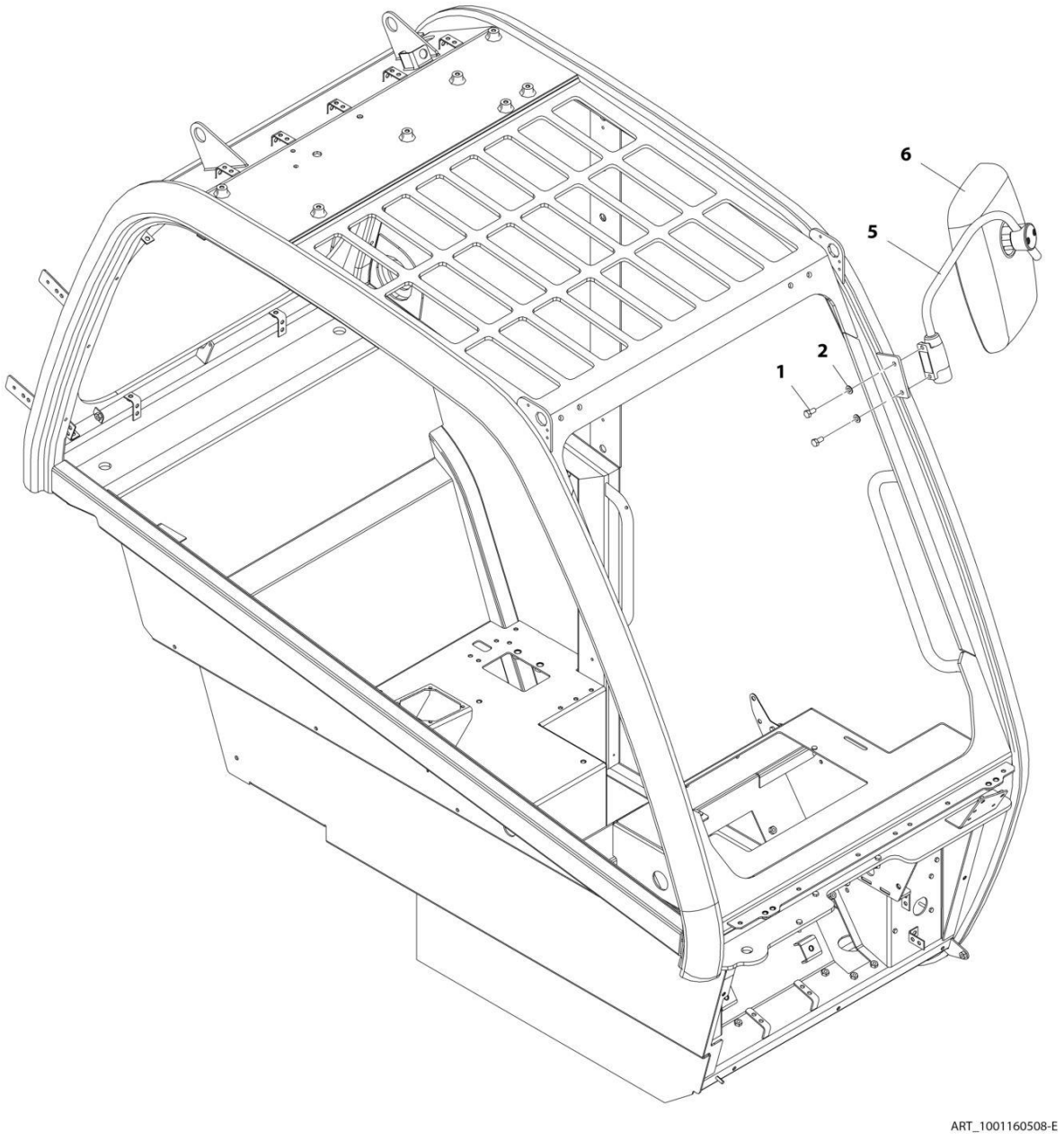
## FIGURE 6-16. REAR WINDOW GROUP



## FIGURE 6-16. REAR WINDOW GROUP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220338 | Ref | Rear Window Group | A |
| 1 | 2080078 | 2 | Fastener, M8X30 | |
| 2 | 3290806 | 2 | Nut, M8X1.25 Grade 8 | |
| 3 | 8000759 | 2 | Spacer | |
| 4 | 8004398 | 2 | Spacer | |
| 5 | 1001005368 | 1 | Latch, Window | |
| 6 | 1001139568 | 2 | Hinge | |
| 7 | 1001171182 | 1 | Grommet | |
| 8 | 1001171183 | 1 | Grommet | |
| 9 | 1001178680 | 1 | Glass, Rear Window | |
| 10 | 1001178681 | 1 | Seal | |
| 11 | 1001181411 | 2 | Gasket, Rear Window Hinge | |

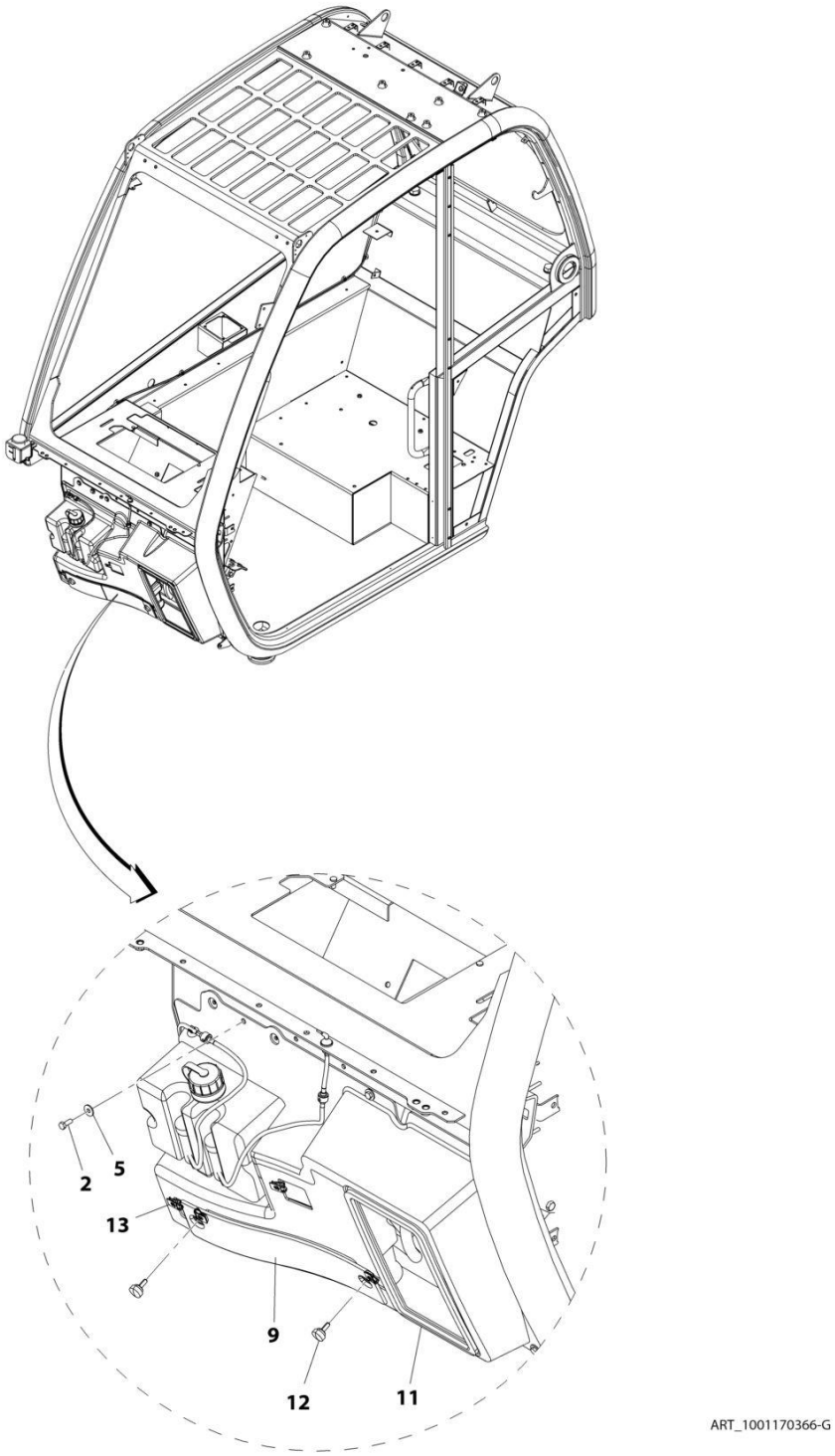
## FIGURE 6-17. BASIC MIRROR INSTALLATION



## FIGURE 6-17. BASIC MIRROR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160508 | Ref | Basic Mirror Installation | E |
| 1 | 0760808 | 2 | Bolt, M8X16 | |
| 2 | 4811900 | 2 | Washer, M8 | |
| 5 | 1001164655 | 1 | Bracket | |
| 6 | 80363195 | 1 | Mirror | |

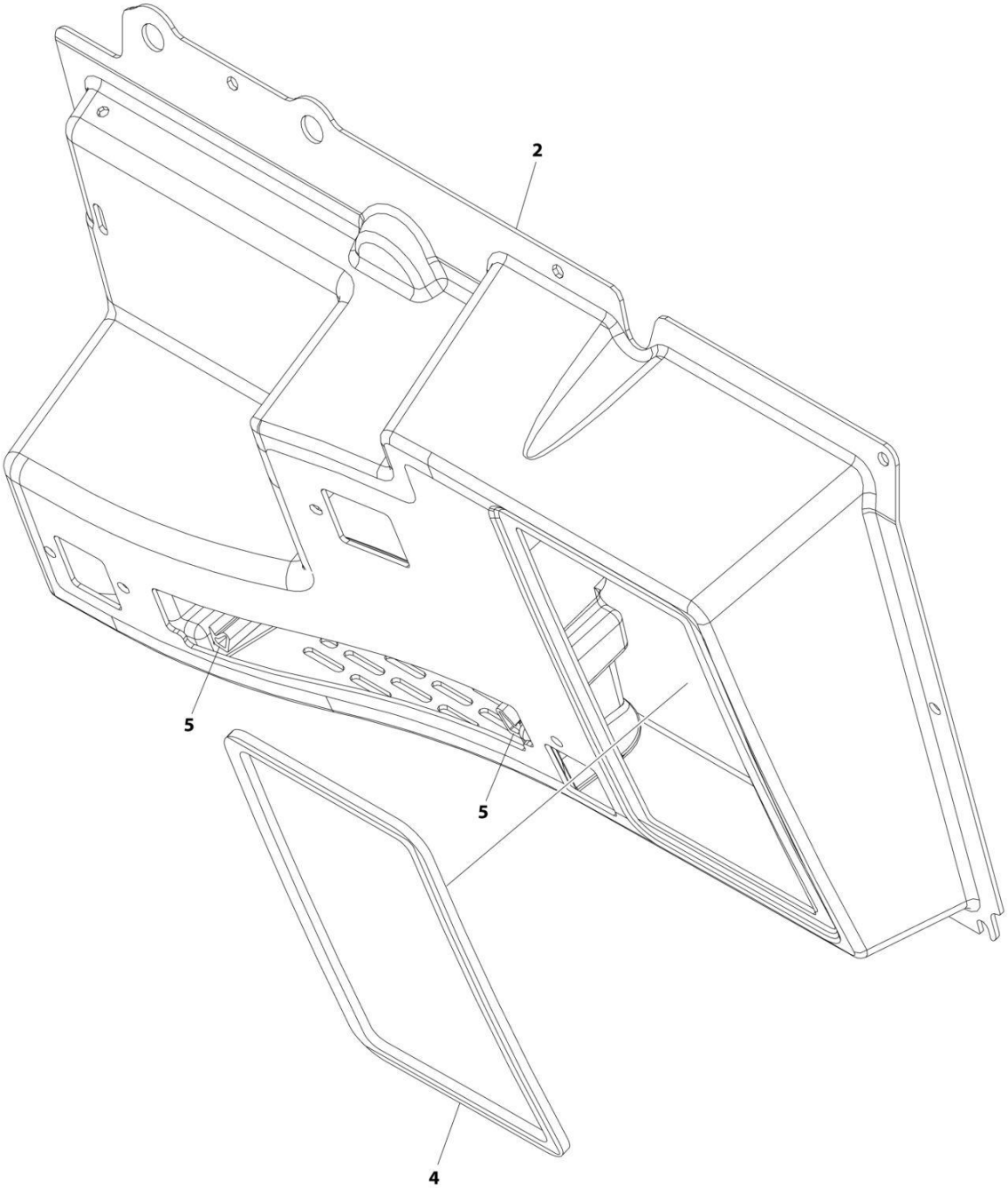
## FIGURE 6-18. FRONT COVER INSTALLATION



## FIGURE 6-18. FRONT COVER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001170366 | Ref | Front Cover Installation | G |
| 2 | 0760608 | 7 | Bolt, M6X16 | |
| 5 | 4811702 | 7 | Washer, M6 | |
| 9 | 1001175471 | 1 | Panel, Filter Tray (See Separate Breakdown in this Section) | |
| 11 | 1001176121 | 1 | Cover, Front Duct (See Separate Breakdown in this Section) | |
| 12 | 2080092 | 2 | Thumb Screw, M6X16 | |
| 13 | 8305919 | 4 | Nut, M6 | |

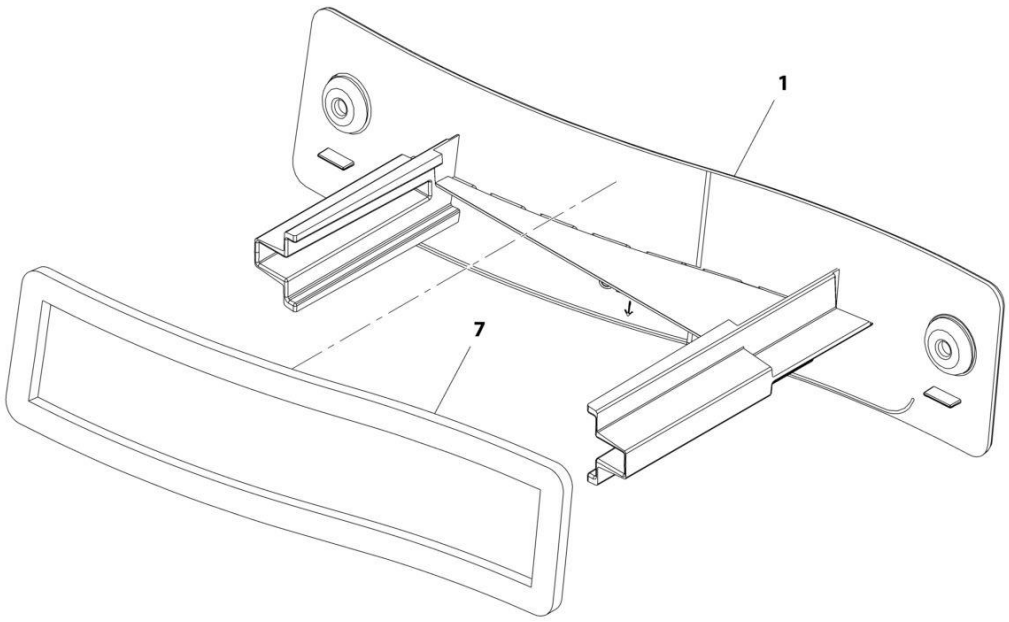
**FIGURE 6-19. FRONT DUCT COVER**



## FIGURE 6-19. FRONT DUCT COVER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176121 | Ref | FRONT DUCT COVER | H |
| 2 | 1001170326 | 1 | Cover, Front | |
| 4 | 1001175470 | 1 | Seal, Front Cab Panel | |
| 5 | 1001270117 | AR | Seal, Bulb | |

## FIGURE 6-20. FILTER TRAY PANEL

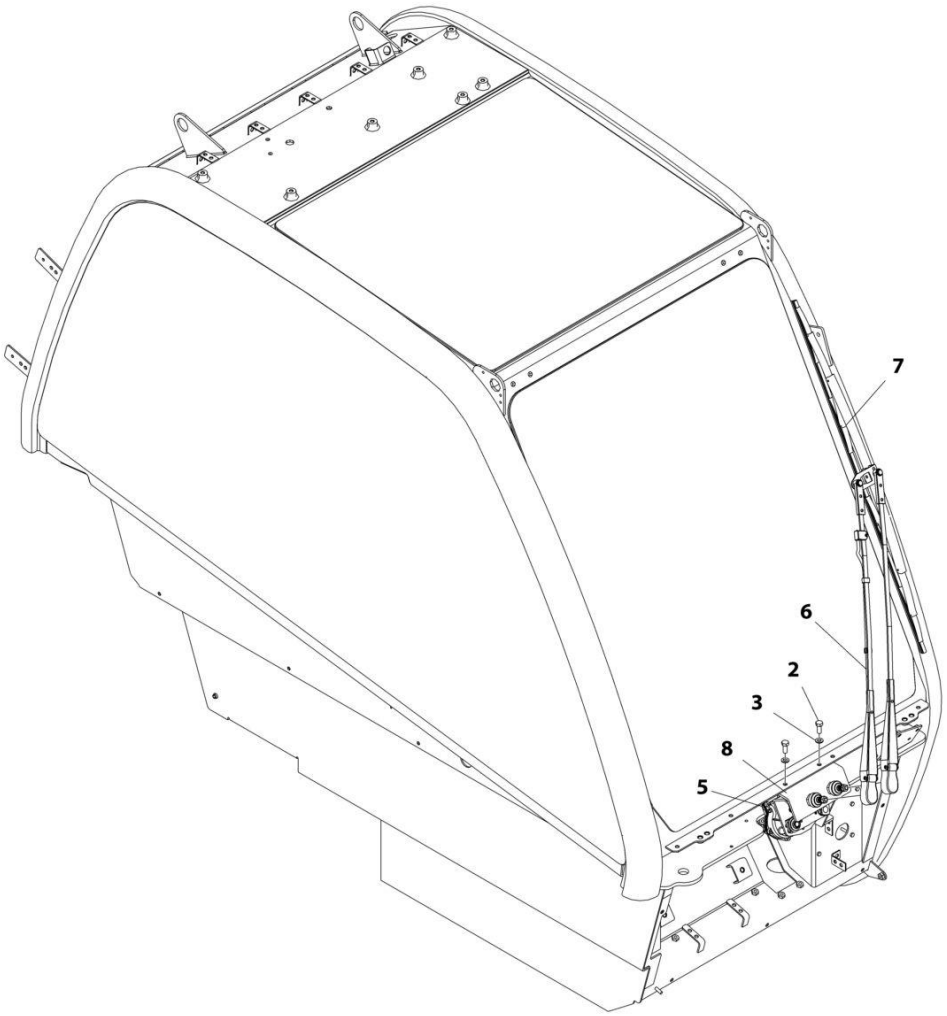



ART_1001175471-D

## FIGURE 6-20. FILTER TRAY PANEL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001175471 | Ref | Filter Tray Panel | D |
| 1 | 1001170993 | 1 | Panel, Front Inlet | |
| 7 | 1001171767 | 1 | Cab, Front Panel Seal | |

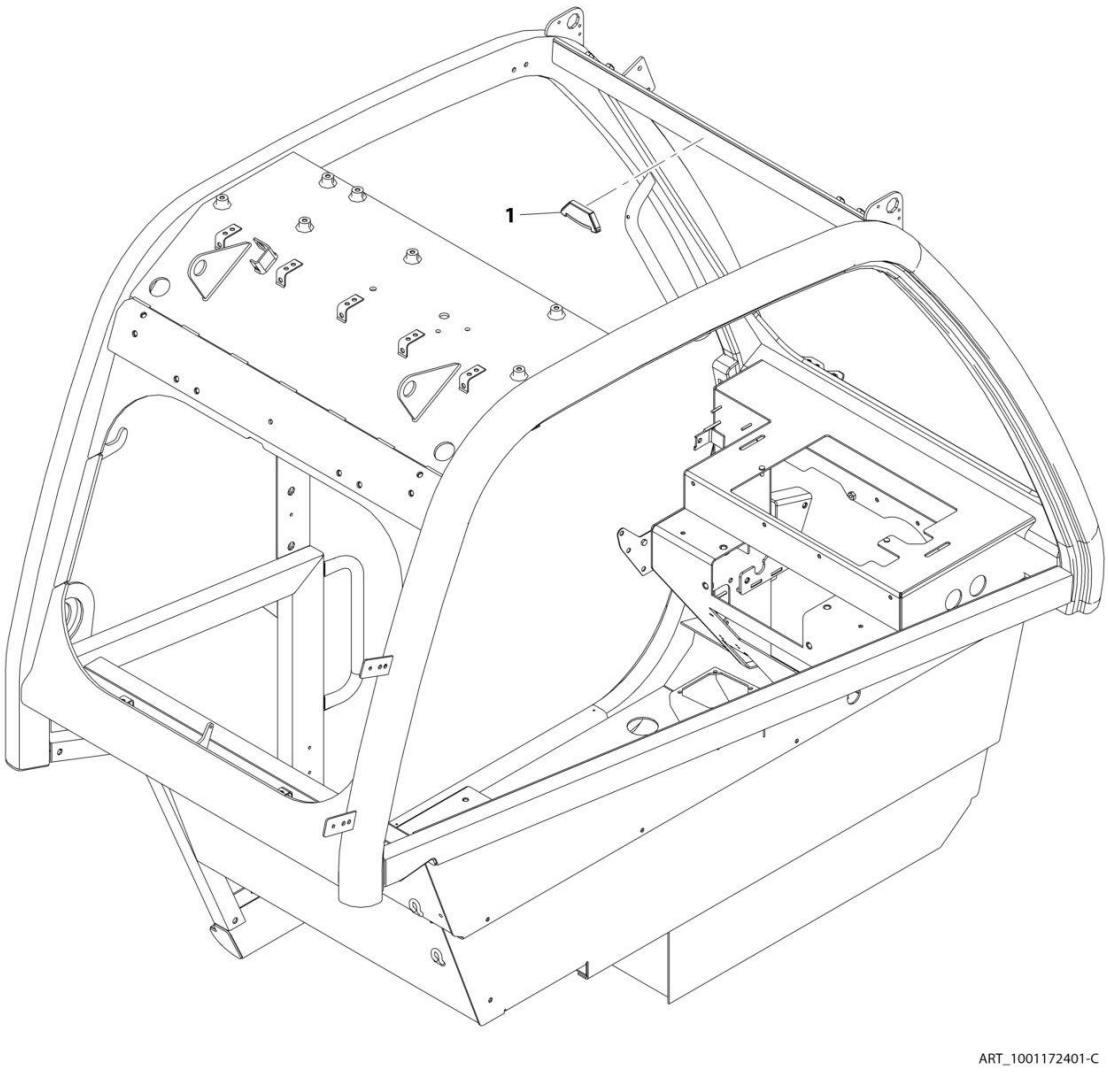
## FIGURE 6-21. FRONT WIPER INSTALLATION



## FIGURE 6-21. FRONT WIPER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001155447 | Ref | Front Wiper Installation | G |
| 2 | 0760810 | 2 | Bolt, M8X20 | |
| 3 | 4811900 | 2 | Washer, M8 | |
| 5 | 1001214092 | 1 | Motor, Front Wiper | |
| 6 | 1001212369 | 1 | Arm, Front Wiper | |
| 7 | 1001141281 | 1 | Blade, Wiper | |
| 8 | 1001165637 | 1 | Bracket | |

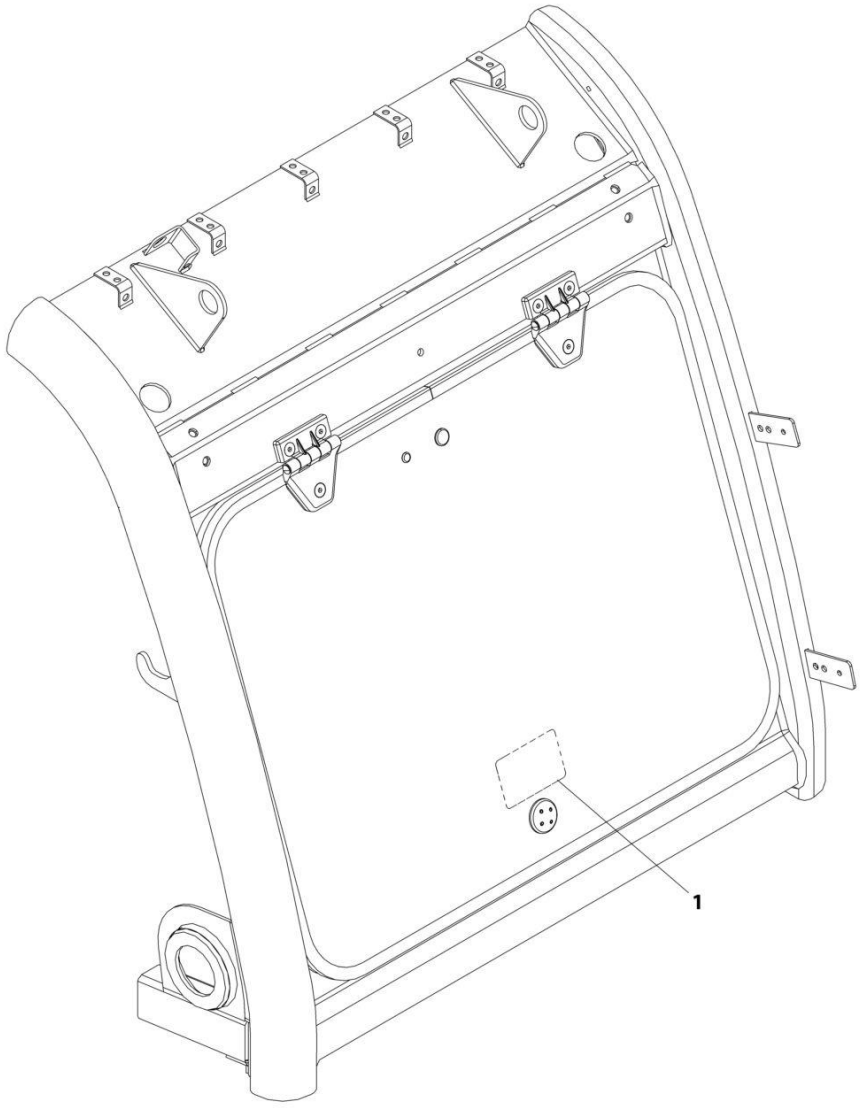
## FIGURE 6-22. LEVEL INDICATOR INSTALLATION



## FIGURE 6-22. LEVEL INDICATOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001172401 | Ref | Level Indicator Installation | C |
| 1 | 8466306 | 1 | Gauge, Tilt Angle | |

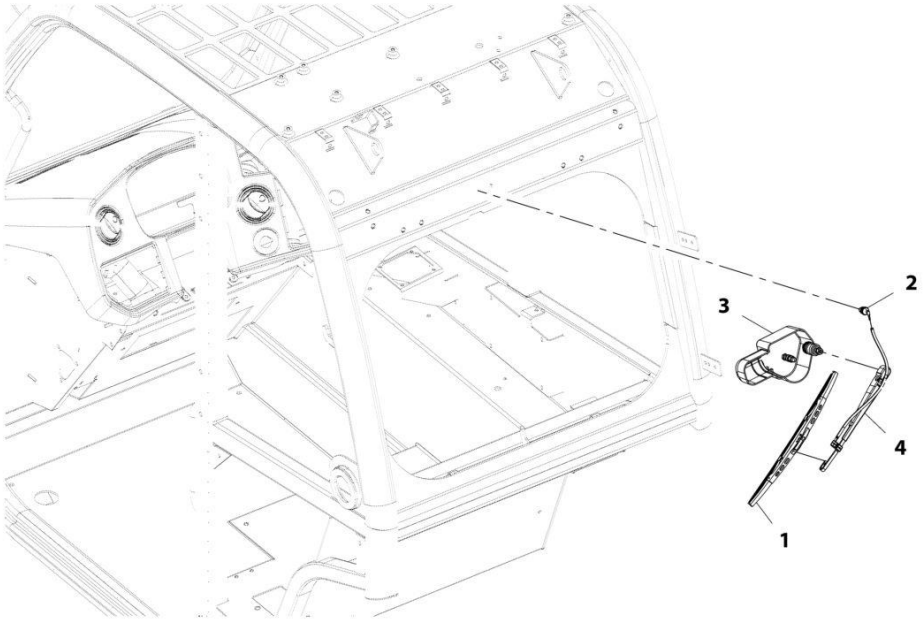
## FIGURE 6-23. REAR WINDOW EXIT DECAL INSTALLATION



## FIGURE 6-23. REAR WINDOW EXIT DECAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204598 | Ref | Rear Window Exit Decal Installation | B |
| 1 | 8005870 | 1 | Decal, Emergency Exit | |

## FIGURE 6-24. REAR WIPER INSTALLATION

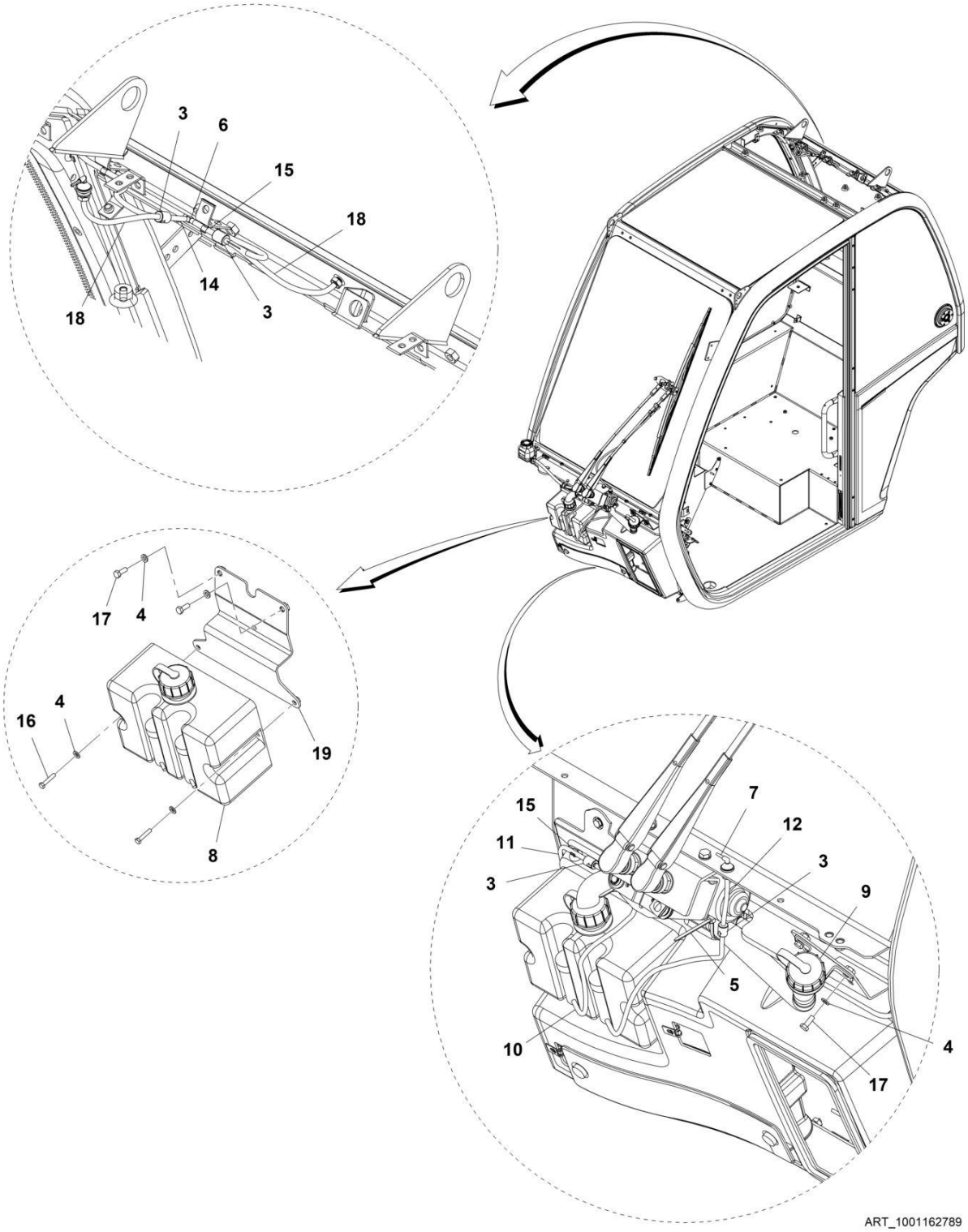



ART_1001220329-A

## FIGURE 6-24. REAR WIPER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220329 | Ref | Rear Wiper Installation | A |
| 1 | 4807718 | 1 | Wiper Blade, Oslv Italia | |
| 2 | 1001090343 | 1 | Connector | |
| 3 | 1001139552 | 1 | Motor, Wiper, Rear Window | |
| 4 | 1001141312 | 1 | Blade, Arm, Rear Window | |

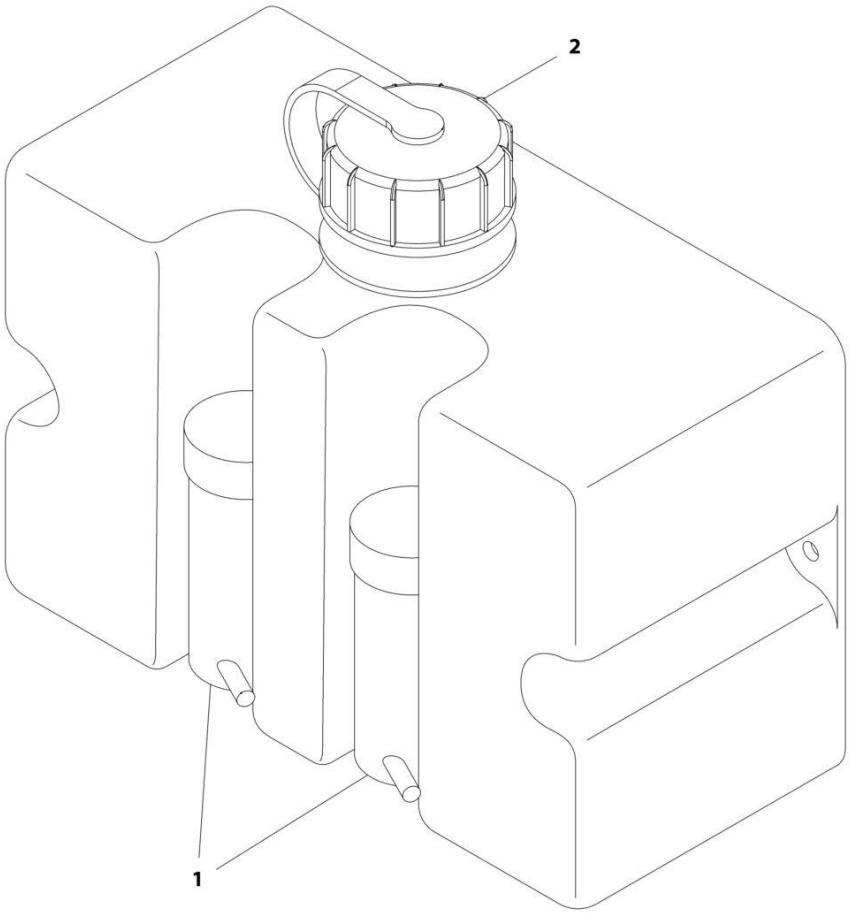
## FIGURE 6-25. WASHER TANK INSTALLATION



## FIGURE 6-25. WASHER TANK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001162789 | Ref | Washer Tank Installation | M |
| 3 | 1001201331 | 4 | Valve, Check | |
| 4 | 4811700 | 6 | Washer, M6 | |
| 5 | 471678 | 2 | Strap, Tie | |
| 6 | 1001008742 | 1 | Coupling, Tee | |
| 8 | 1001165269 | 1 | Bottle, Washer (See Separate Breakdown in this Section) | |
| 9 | 1001165270 | 1 | Hose, Washer Filler | |
| 10 | 1001165351 | 2 | Hose | |
| 11 | 1001165407 | 1 | Hose | |
| 12 | 1001165416 | 1 | Hose | |
| 14 | 1001165455 | 2 | Hose | |
| 15 | 1001165458 | 16 | Hose | |
| 16 | 0760512 | 2 | Bolt M5X25 | |
| 17 | 0760608 | 4 | Bolt, M6X16 | |
| 18 | 1001178123 | 2 | Hose | |
| 19 | 1001171756 | 1 | Bracket | |

## FIGURE 6-26. WASHER BOTTLE

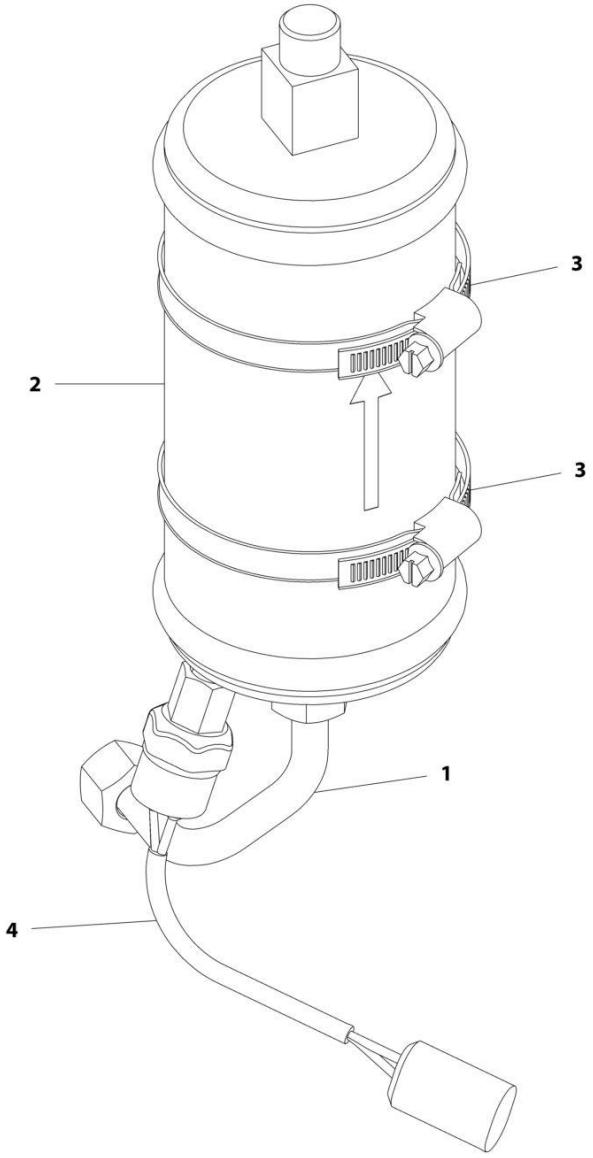



ART_1001165269-B

## FIGURE 6-26. WASHER BOTTLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001165269 | Ref | Washer Bottle | B |
| 1 | 1001165327 | 2 | Pump, Washer | |
| 2 | 1001165273 | 1 | Cap, Washer | |

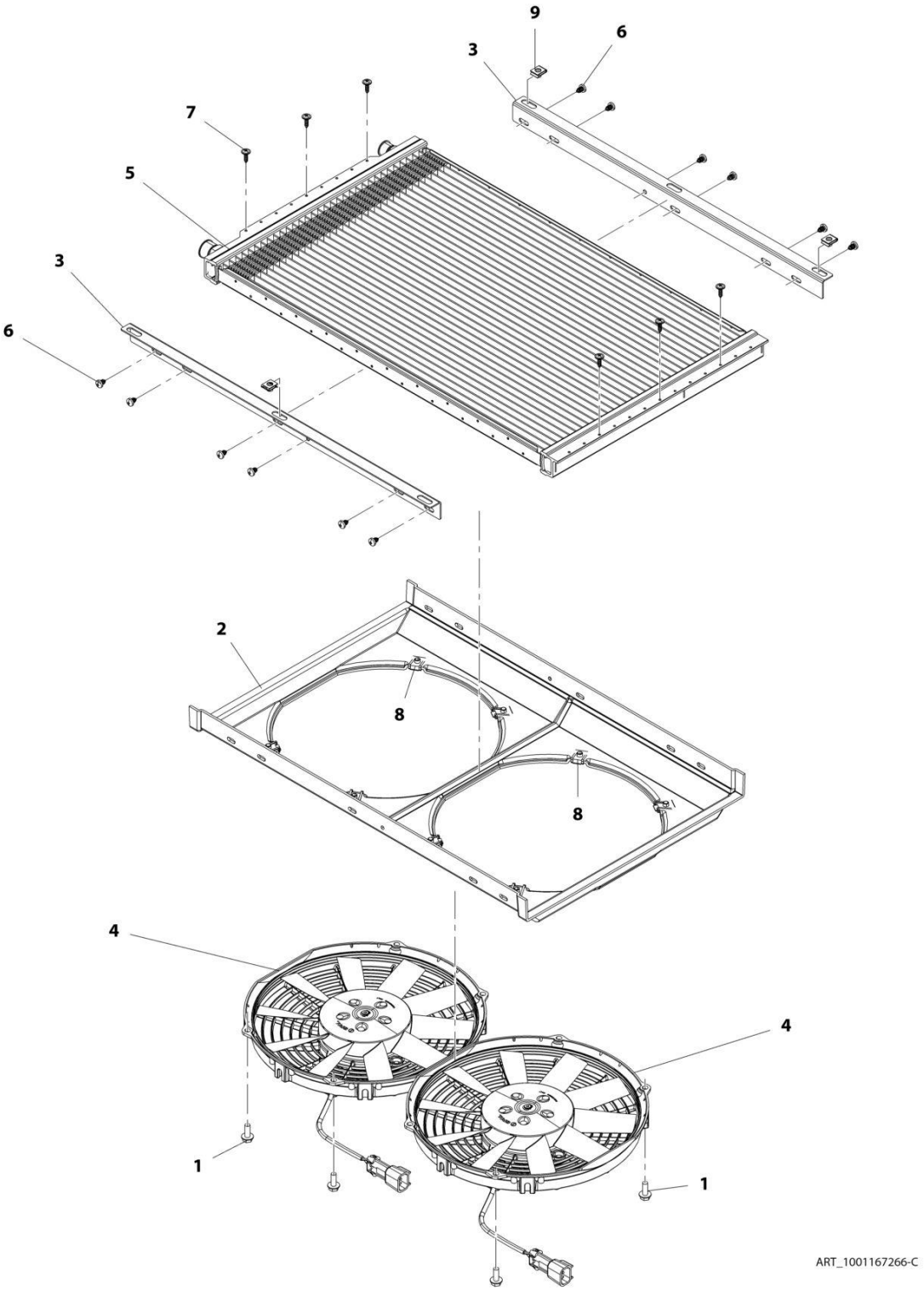
## FIGURE 6-27. A/C RECEIVER DRIER



## FIGURE 6-27. A/C RECEIVER DRIER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179130 | Ref | A/C Receiver Drier | B |
| 1 | 1001184403 | 1 | Tube, Heater | |
| 2 | 1001184404 | 1 | Receiver, Heater Drier | |
| 3 | 1001184405 | 2 | Clamp | |
| 4 | 1001184406 | 1 | Connector, Heater | |

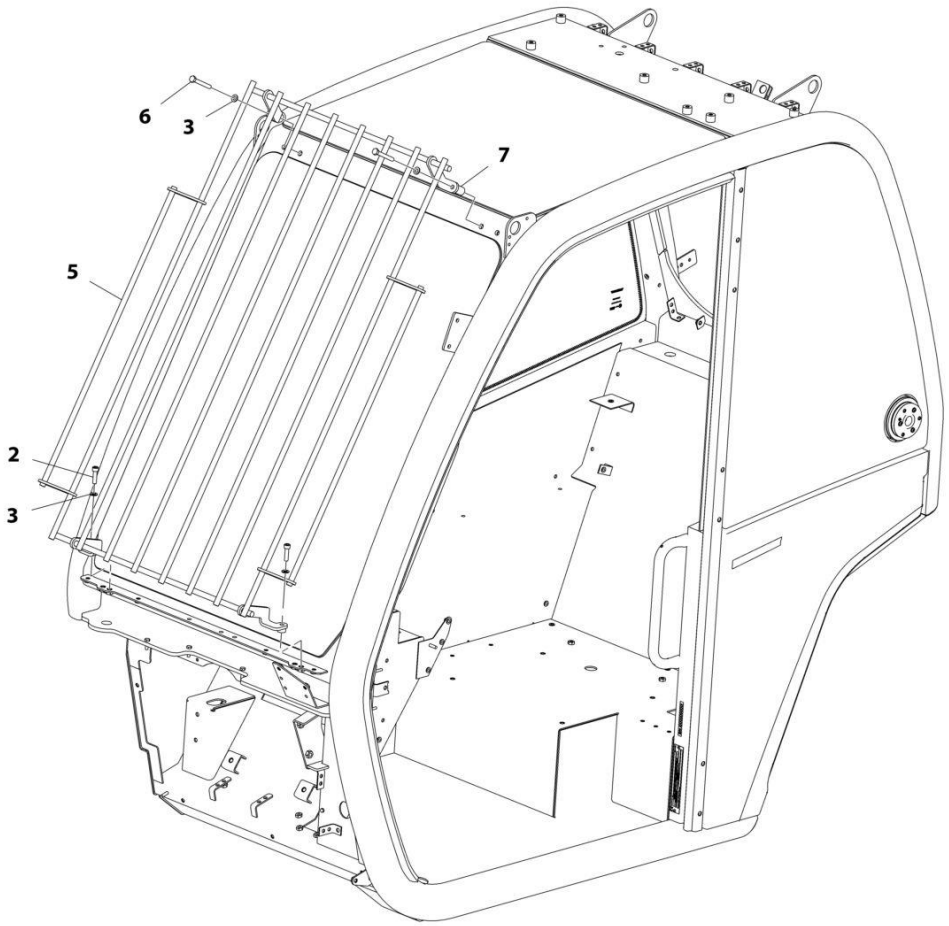
## FIGURE 6-28. CONDENSER



## FIGURE 6-28. CONDENSER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001167266 | Ref | Condenser | C |
| 1 | 5250608 | 8 | Bolt, M6X16 | |
| 2 | 1001195342 | 1 | Bracket, Condenser Fan Mount | |
| 3 | 1001195343 | 2 | Support, Condenser | |
| 4 | 1001195345 | 2 | Fan, Condenser | |
| 5 | 1001195346 | 1 | Condenser | |
| 6 | 1001195385 | 12 | Screw, M3.9X9.5 | |
| 7 | 1001195386 | 6 | Screw, M4.2X16 | |
| 8 | 1001195437 | 8 | Clip, M6X1 | |
| 9 | 1001195438 | 3 | Clip, M6X1 | |

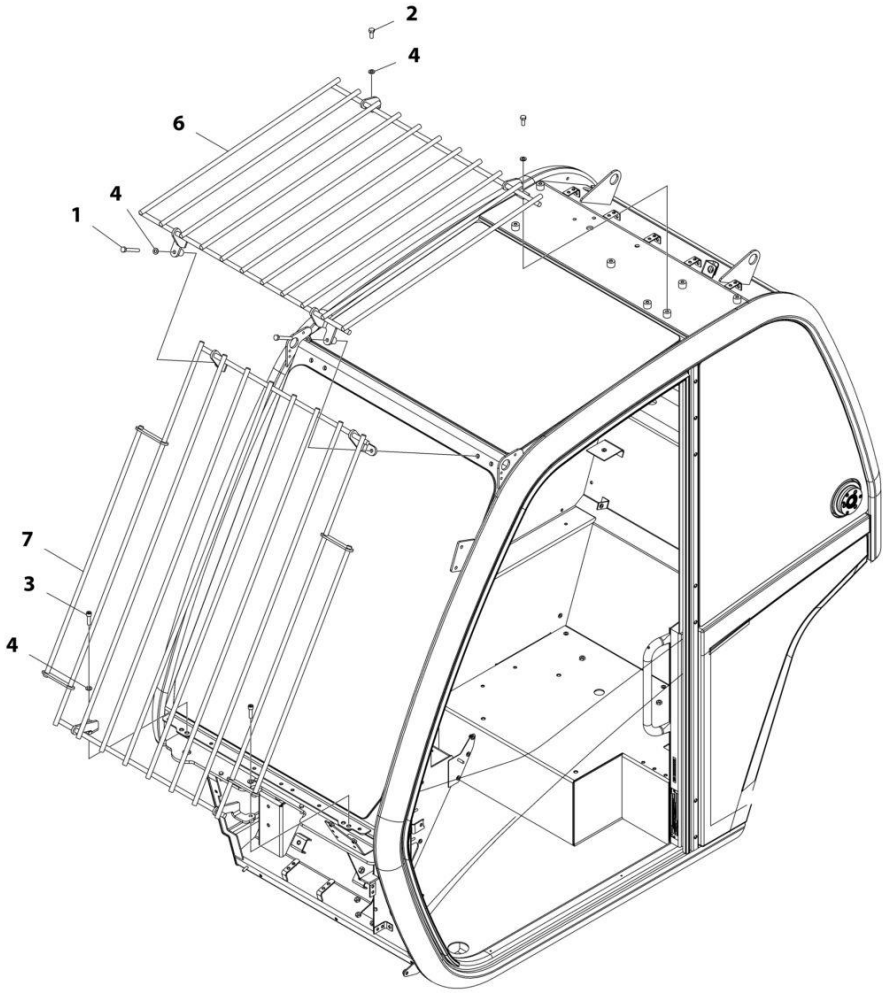
## FIGURE 6-29. CAB GUARD INSTALLATION (FRONT)



## FIGURE 6-29. CAB GUARD INSTALLATION (FRONT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160506 | Ref | Cab Guard Installation (Front) | G |
| 2 | 4031910 | 2 | Bolt, M8X30 | |
| 3 | 4811900 | 4 | Washer, M8 | |
| 5 | 1001180263 | 1 | Guard, Front Screen | |
| 6 | 0700820 | 2 | Bolt, M8X60 | |
| 7 | 1001173257 | 2 | Spacer | |

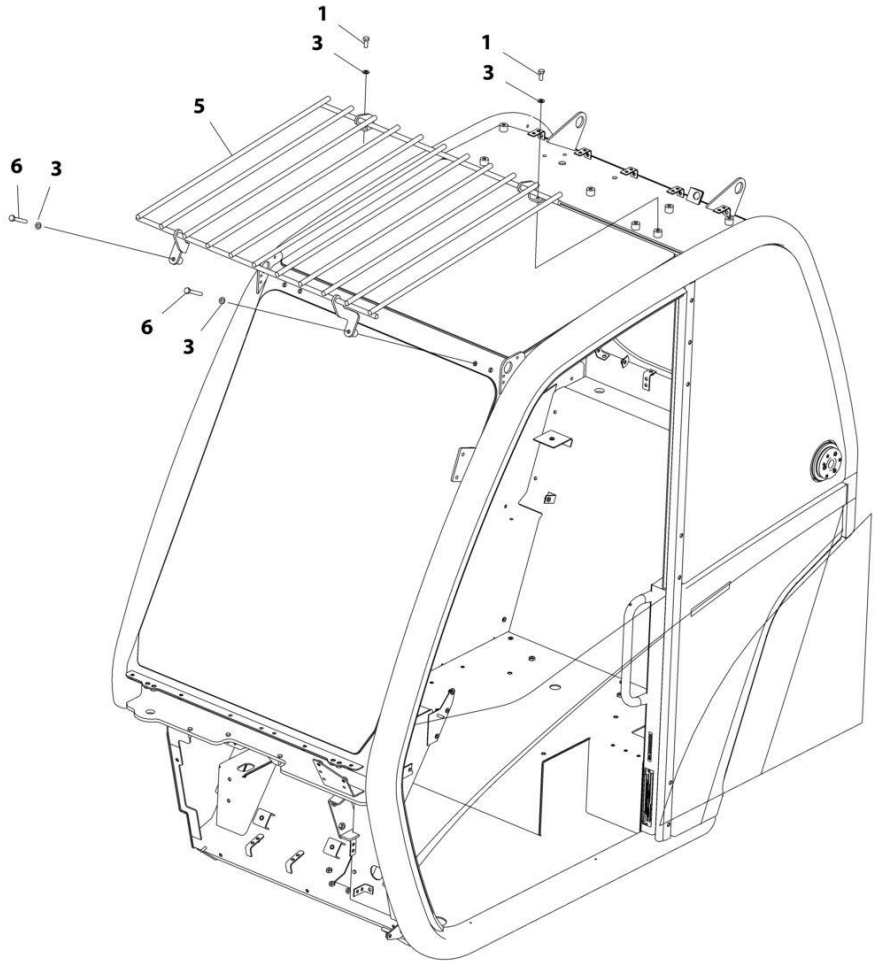
## FIGURE 6-30. CAB GUARD INSTALLATION (TOP AND FRONT)



## FIGURE 6-30. CAB GUARD INSTALLATION (TOP AND FRONT)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001172774 | Ref | CAB GUARD INSTALLATION (TOP AND FRONT) | G |
| 1 | 0700820 | 2 | Bolt M8 x 60 | |
| 2 | 0760810 | 2 | Bolt M8 x 20 | |
| 3 | 4031910 | 2 | Bolt M8 x 30 | |
| 4 | 4811900 | 6 | Washer M8 | |
| 6 | 1001160503 | 1 | Guard, Top Screen | |
| 7 | 1001180263 | 1 | Guard, Front Screen | |

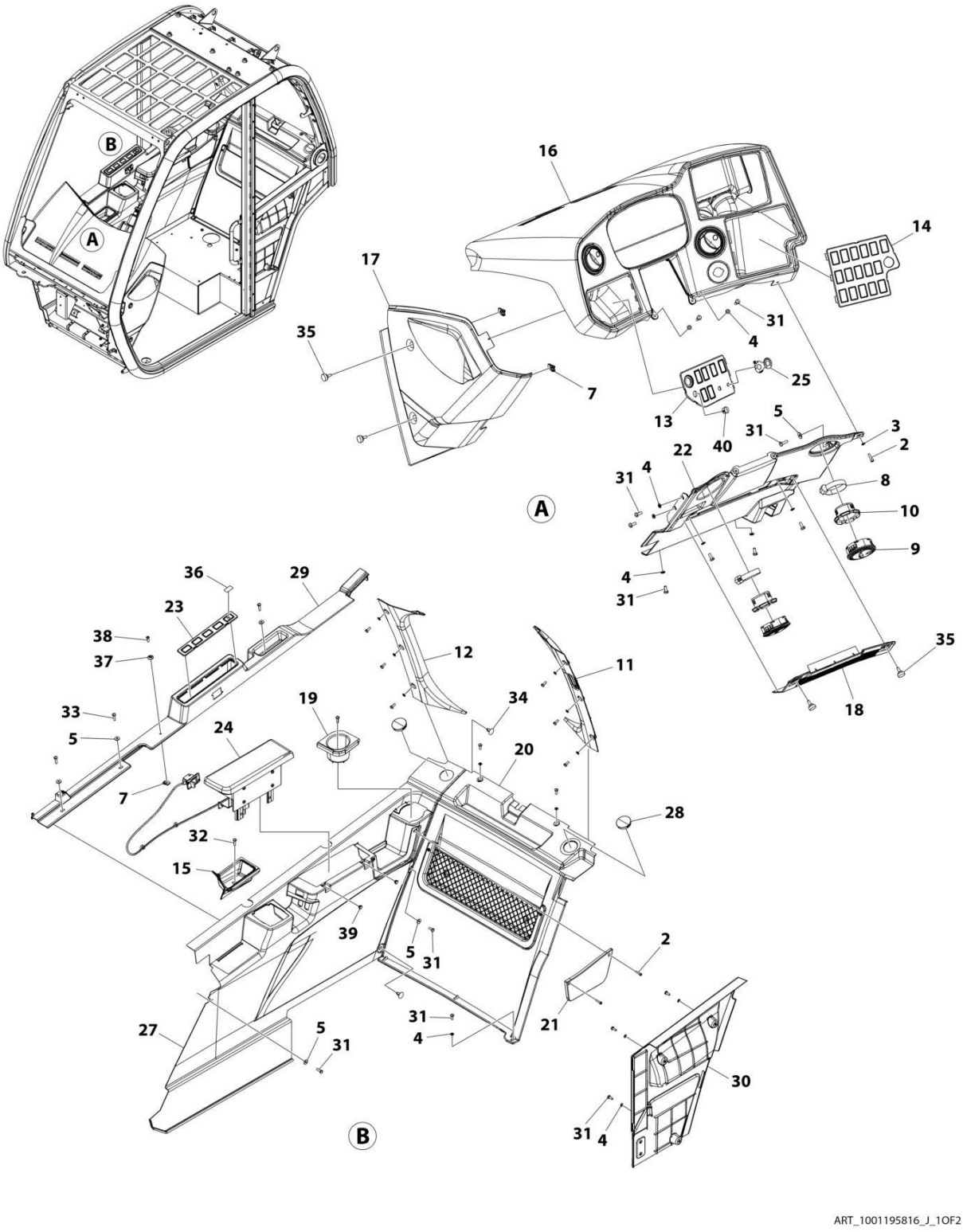
## FIGURE 6-31. CAB GUARD INSTALLATION (TOP)

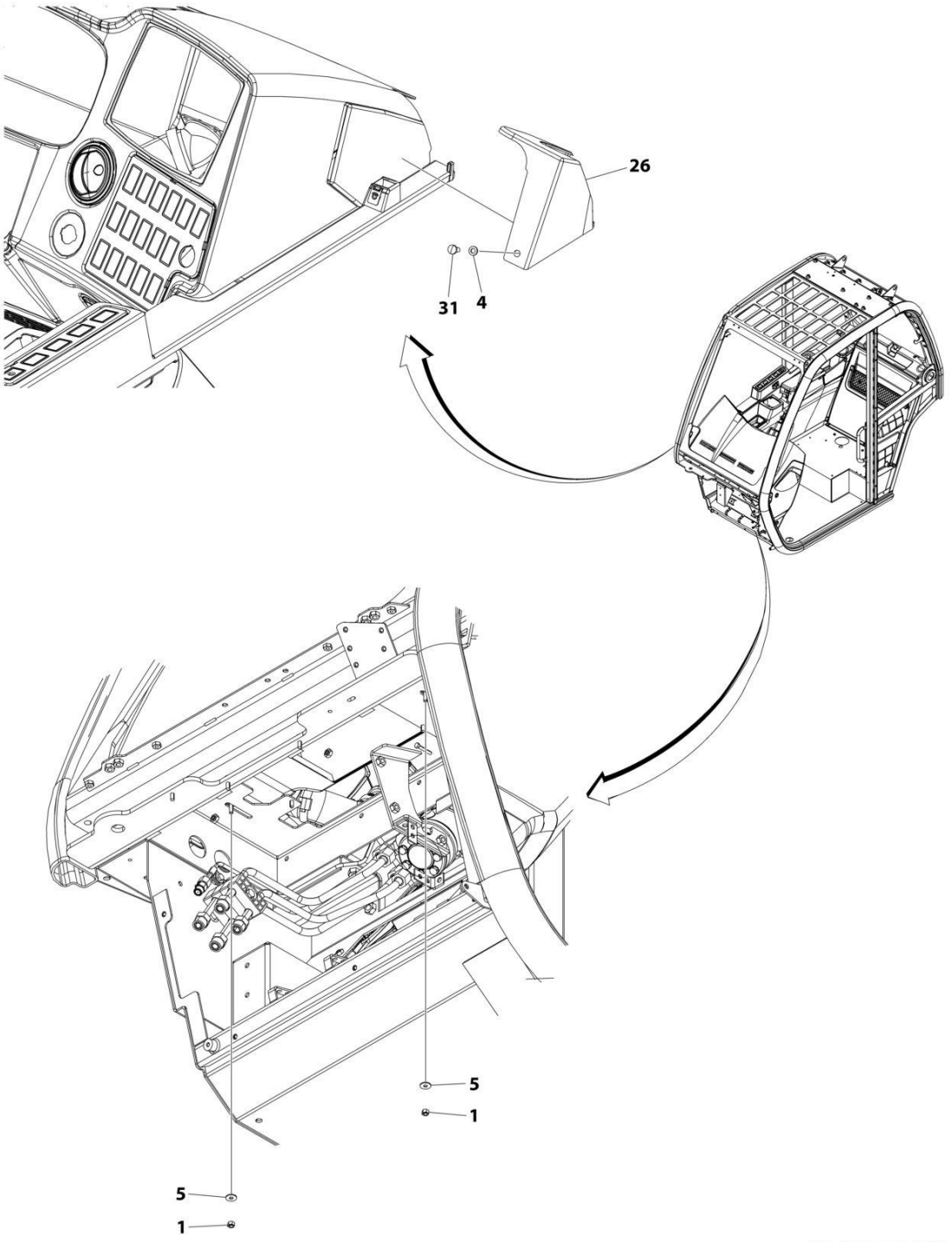


## FIGURE 6-31. CAB GUARD INSTALLATION (TOP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160496 | Ref | Cab Guard Installation (Top) | G |
| 1 | 0760810 | 2 | Bolt, M8X20 | |
| 3 | 4811900 | 4 | Washer, M8 | |
| 5 | 1001160503 | 1 | Guard, Top Screen | |
| 6 | 0700820 | 2 | Bolt, M8X60 | |

## FIGURE 6-32. CAB TRIM INSTALLATION

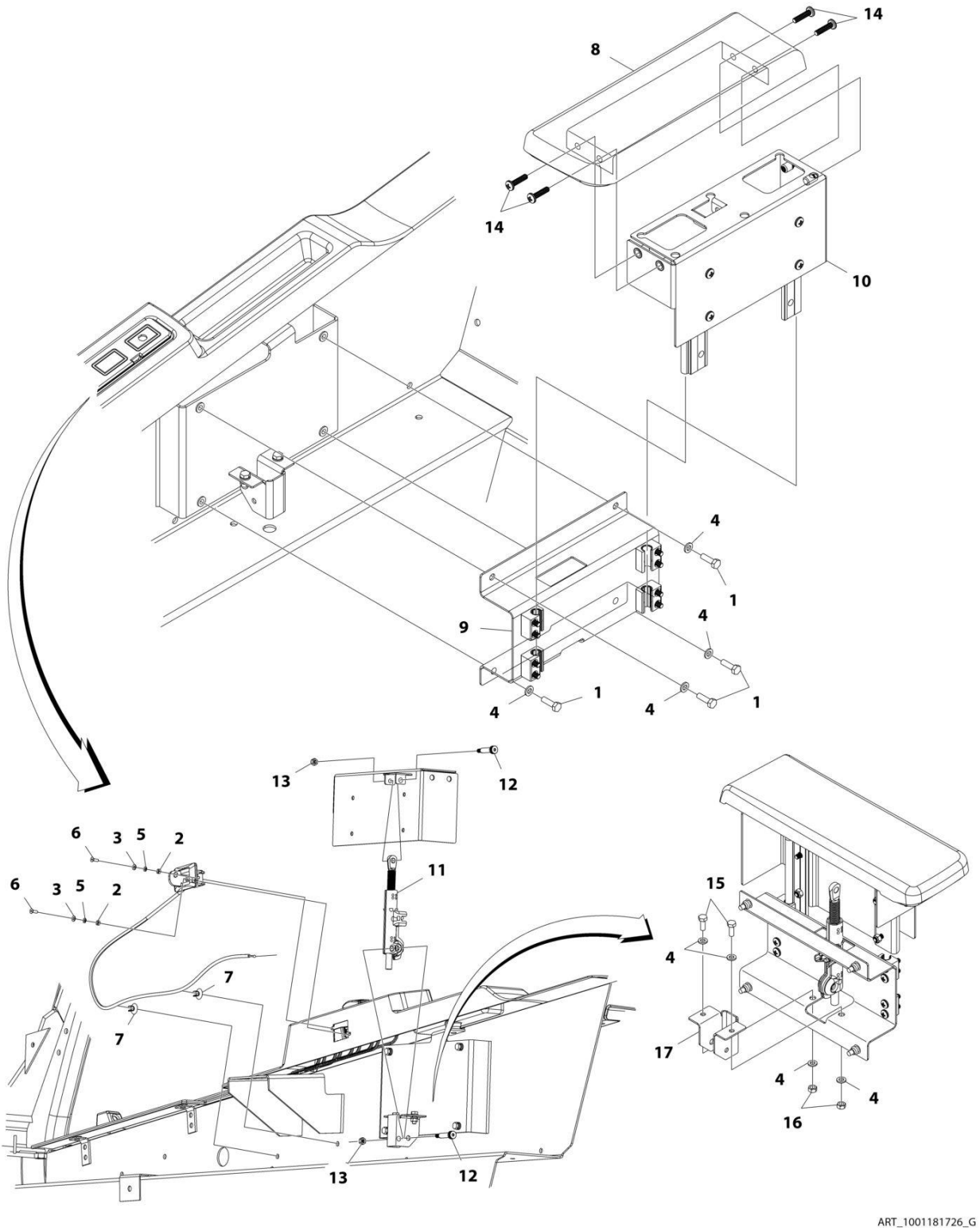



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ART_1001195816_J_2OF2

## FIGURE 6-32. CAB TRIM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195816 | Ref | CAB TRIM INSTALLATION | J |
| 1 | 3290605 | 2 | Nut, Lock M6 x 1 | |
| 2 | 4031608001 | 3 | Screw M5 x 20 | |
| 3 | 4811600 | 1 | Washer M5 | |
| 4 | 4811700001 | 23 | Washer M6 | |
| 5 | 4811702001 | 7 | Washer M6 | |
| 7 | 8305919 | 2 | Nut M6 | |
| 8 | 8405201 | 2 | Clamp | |
| 9 | 1001147449 | 2 | Vent | |
| 10 | 1001149278 | 2 | Connector, Vent | |
| 11 | 1001161252 | 1 | Cover, LH C-Post | |
| 12 | 1001161253 | 1 | Cover, RH C-Post | |
| 13 | 1001268846 | 1 | Plate, Switch | |
| 14 | 1001219865 | 1 | Plate, Switch | |
| 15 | 1001169603 | 1 | Tray | |
| 16 | 1001169604 | 1 | Assembly, Dash Cover (See Separate Breakdown in this Section) | |
| 17 | 1001161855 | 1 | Cover, Side Dash | |
| 18 | 1001170504 | 1 | Cover, Recirculation Grille | |
| 19 | 1001170518 | 1 | Holder, Cup | |
| 20 | 1001170519 | 1 | Assembly, Rear Panel Cover (See Separate Breakdown in this Section) | |
| 21 | 1001173965 | 1 | Bezel, Net | |
| 22 | 1001175903 | 1 | Cover, Lower Dash | |
| 23 | 1001219863 | 1 | Plate, Switch | |
| 24 | 1001181726 | 1 | Installation, Armrest (See Separate Breakdown in this Section) | |
| 25 | 1001184975 | 1 | Decal, HVAC | |
| 26 | 1001185870 | 1 | Cover, Lower A-Post | |
| 27 | 1001189182 | 1 | Cover, RH Side | |
| 28 | 1001223265 | 2 | Grommet | |
| 29 | 1001195817 | 1 | Cover, RH Extension | |
| 30 | 1001195818 | 1 | Panel, LH Side | |
| 31 | 4010608002 | 26 | Screw M6 x 16 | |
| 32 | 4010610002 | 1 | Screw M6 x 20 | |
| 33 | 4010612002 | 3 | Screw M6 x 25 | |
| 34 | 1001211907 | 2 | Screw | |
| 35 | 1001208308 | 4 | Thumb Screw M6 x 15 | |
| 36 | 1001226481 | 1 | Decal, Blank | |
| 37 | 1001098150 | 1 | Washer M6 | |
| 38 | 1001132564 | 1 | Screw M6 x 20 | |
| 39 | 1001227133 | 2 | Grommet | |
| 40 | 1001207963 | 1 | Plug | |

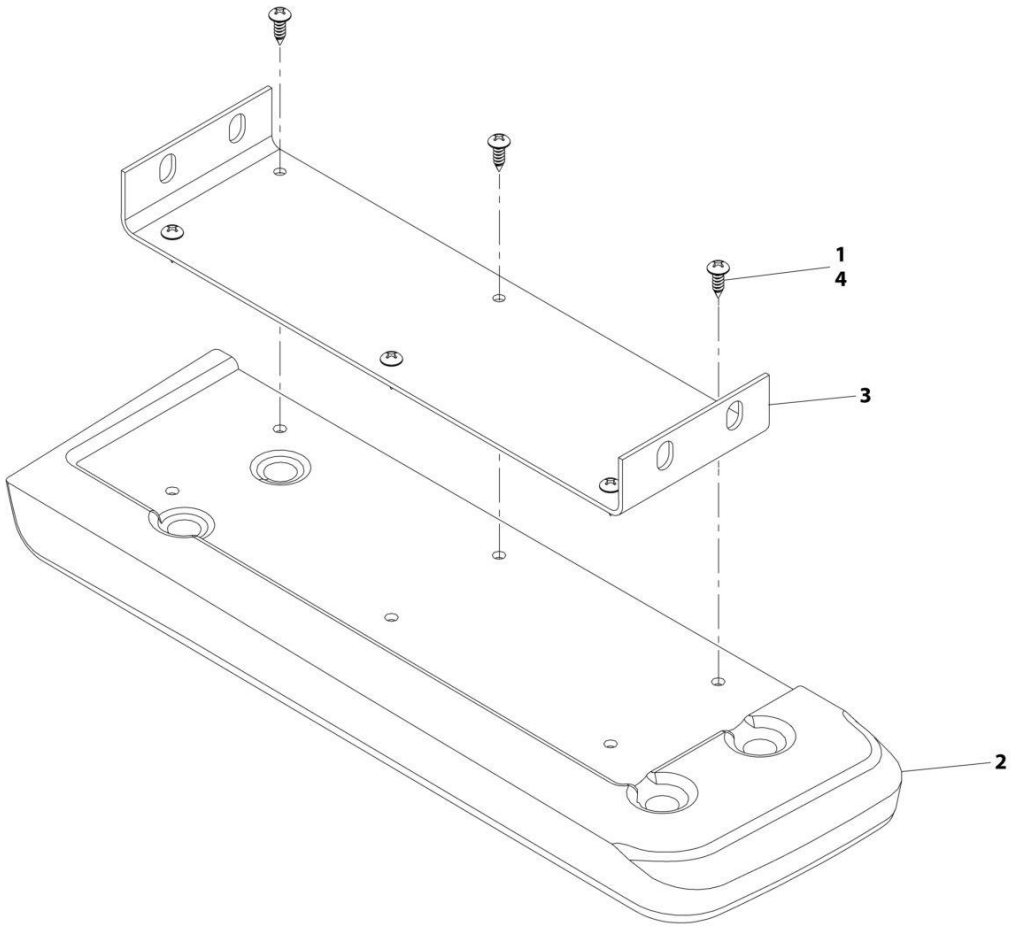
## FIGURE 6-33. ADJUSTABLE ARMREST INSTALLTION



## FIGURE 6-33. ADJUSTABLE ARMREST INSTALLTION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001181726 | Ref | ADJUSTABLE ARMREST INSTALLTION | G |
| 1 | 0700610 | 4 | Bolt, M6X20 | |
| 2 | 3290401 | 2 | Nut, M4X0.7 | |
| 3 | 4811400 | 2 | Washer, M4 | |
| 4 | 4811700 | 8 | Washer, M6 | |
| 5 | 4831400 | 2 | Washer, Lock M4 | |
| 6 | 1001097244 | 2 | Screw, M4X12 | |
| 7 | 1001165458 | 2 | Hose | |
| 8 | 1001191281 | 1 | Armrest (See Separate Breakdown in this Section) | |
| 9 | 1001191283 | 1 | Bracket, Fixed Armrest (See Separate Breakdown in this Section) | |
| 10 | 1001191284 | 1 | Bracket, Moving Armrest (See Separate Breakdown in this Section) | |
| 11 | 1001283175 | 1 | Spring | |
| 12 | 1001191370 | 2 | Screw, M6 | |
| 13 | 3290605 | 2 | Nut, M6X1 Grade 8 | |
| 14 | 4010612002 | 4 | Screw, M6X25 | |
| 15 | 0760608 | 2 | Bolt, M6X16 | |
| 16 | 3290601 | 2 | Nut, M6X1 | |
| 17 | 1001212468 | 1 | Bracket, Locking Spring Mount | |

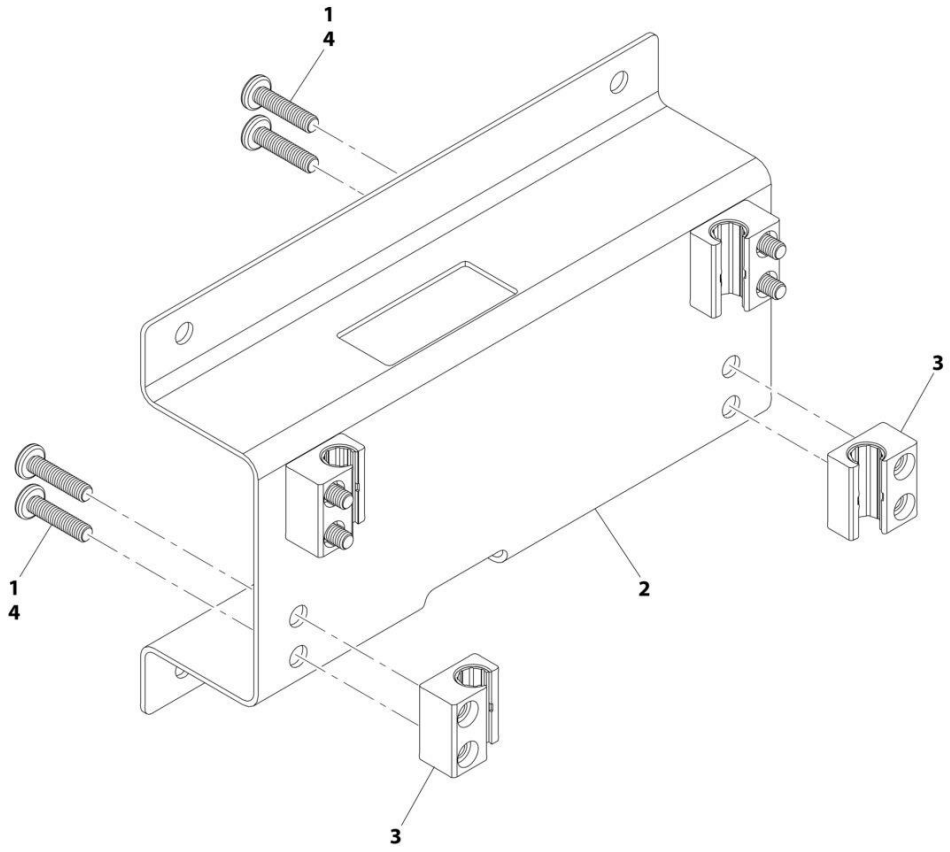
## FIGURE 6-34. ARMREST



## FIGURE 6-34. ARMREST

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191281 | Ref | Armrest | E |
| 1 | 1001095650 | AR | Adhesive | |
| 2 | 1001179484 | 1 | Armrest, Cab | |
| 3 | 1001191282 | 1 | Bracket, Armrest Pad | |
| 4 | 1001192240 | 6 | Screw | |

## FIGURE 6-35. FIXED ARMREST BRACKET

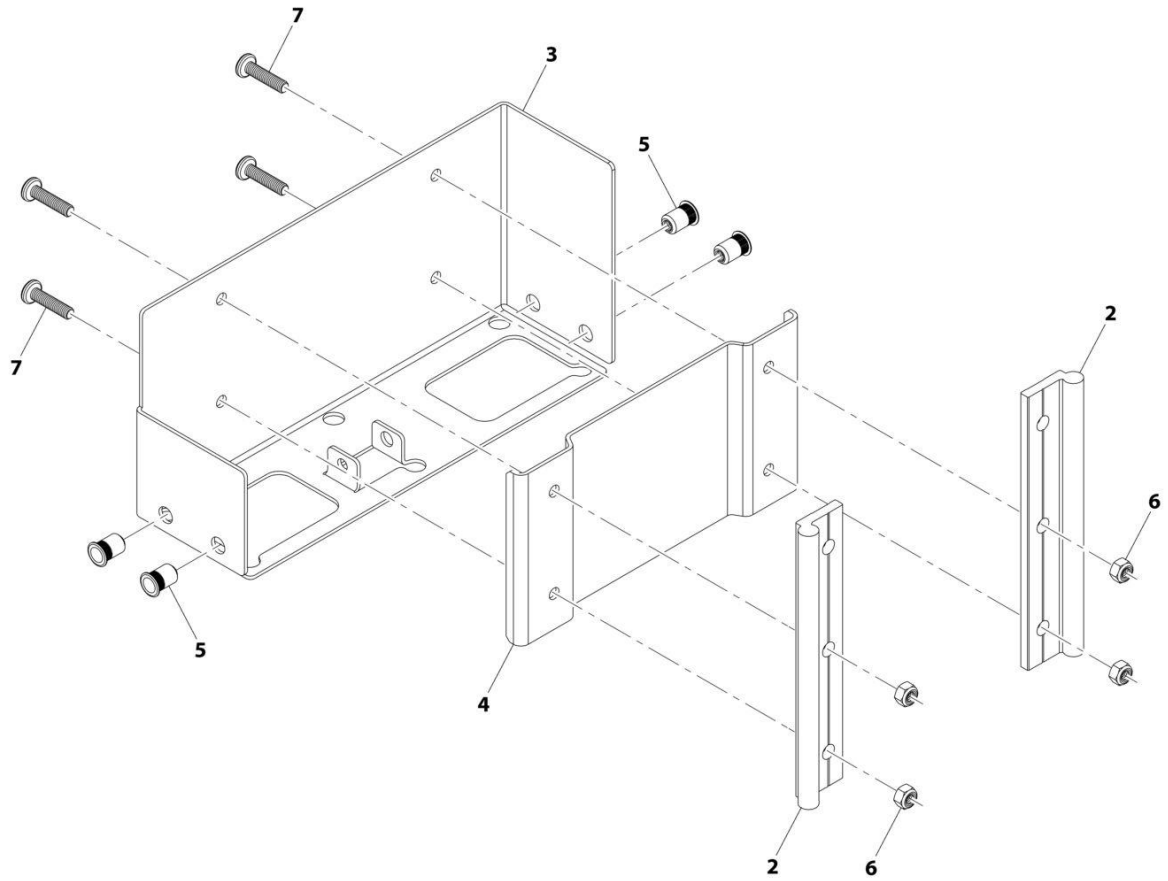



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## FIGURE 6-35. FIXED ARMREST BRACKET

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191283 | Ref | Fixed Armrest Bracket | B |
| 1 | 1001095650 | AR | Adhesive | |
| 2 | 1001183597 | 1 | Armrest Bracket | |
| 3 | 1001191310 | 4 | Slide Block | |
| 4 | 4010612002 | 8 | Screw | |

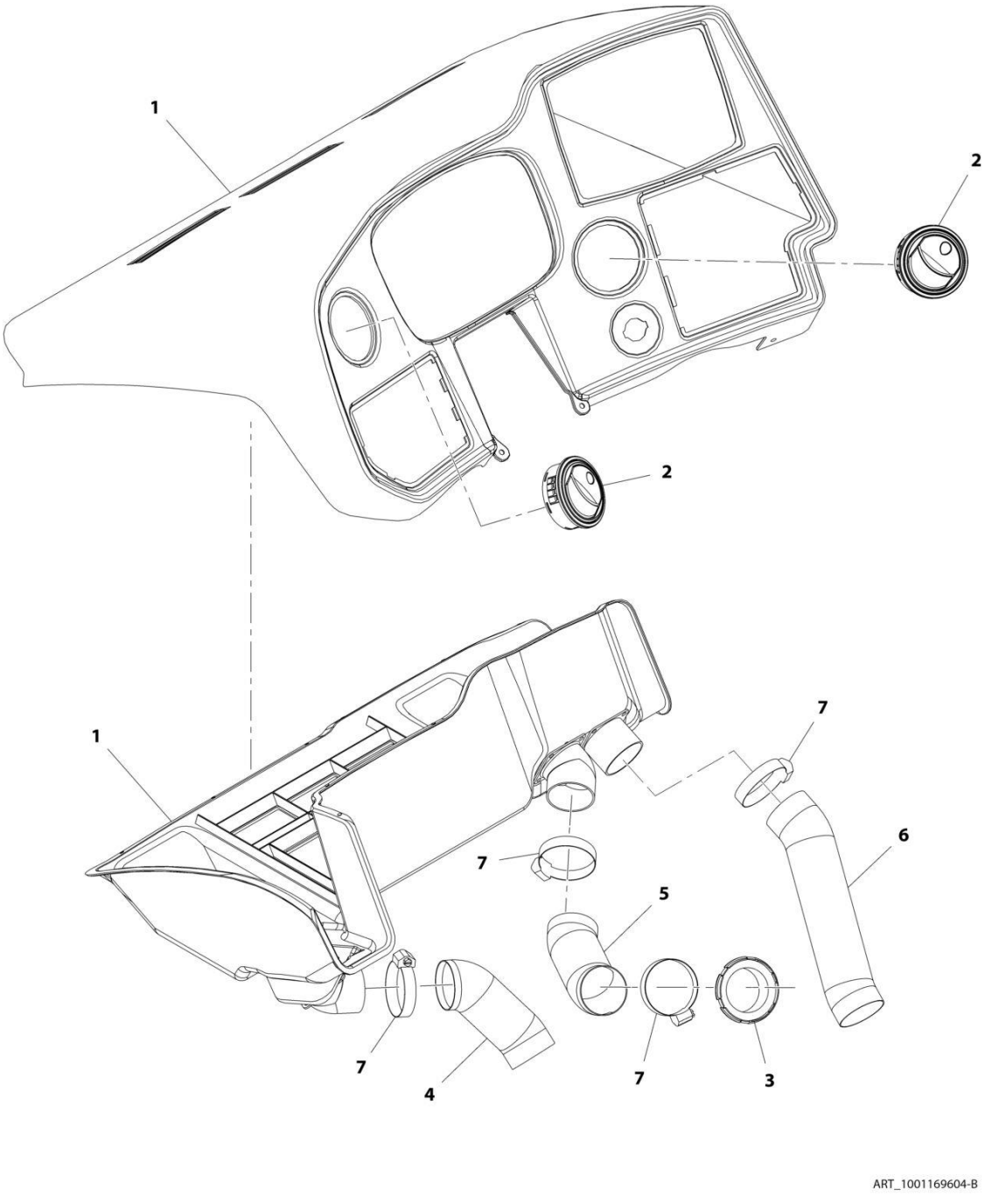
## FIGURE 6-36. MOVING ARMREST BRACKET



## FIGURE 6-36. MOVING ARMREST BRACKET

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191284 | Ref | Moving Armrest Bracket | B |
| 2 | 1001191311 | 2 | Side Rail | |
| 3 | 1001191312 | 1 | Armrest Mount Bracket | |
| 4 | 1001191313 | 1 | Spacer Block Plate | |
| 5 | 1001191959 | 4 | Rivenut M6 X 1 | |
| 6 | 3290605 | 4 | Nut, Lock M6X1 | |
| 7 | 4010612002 | 4 | Screw, M6X25 | |

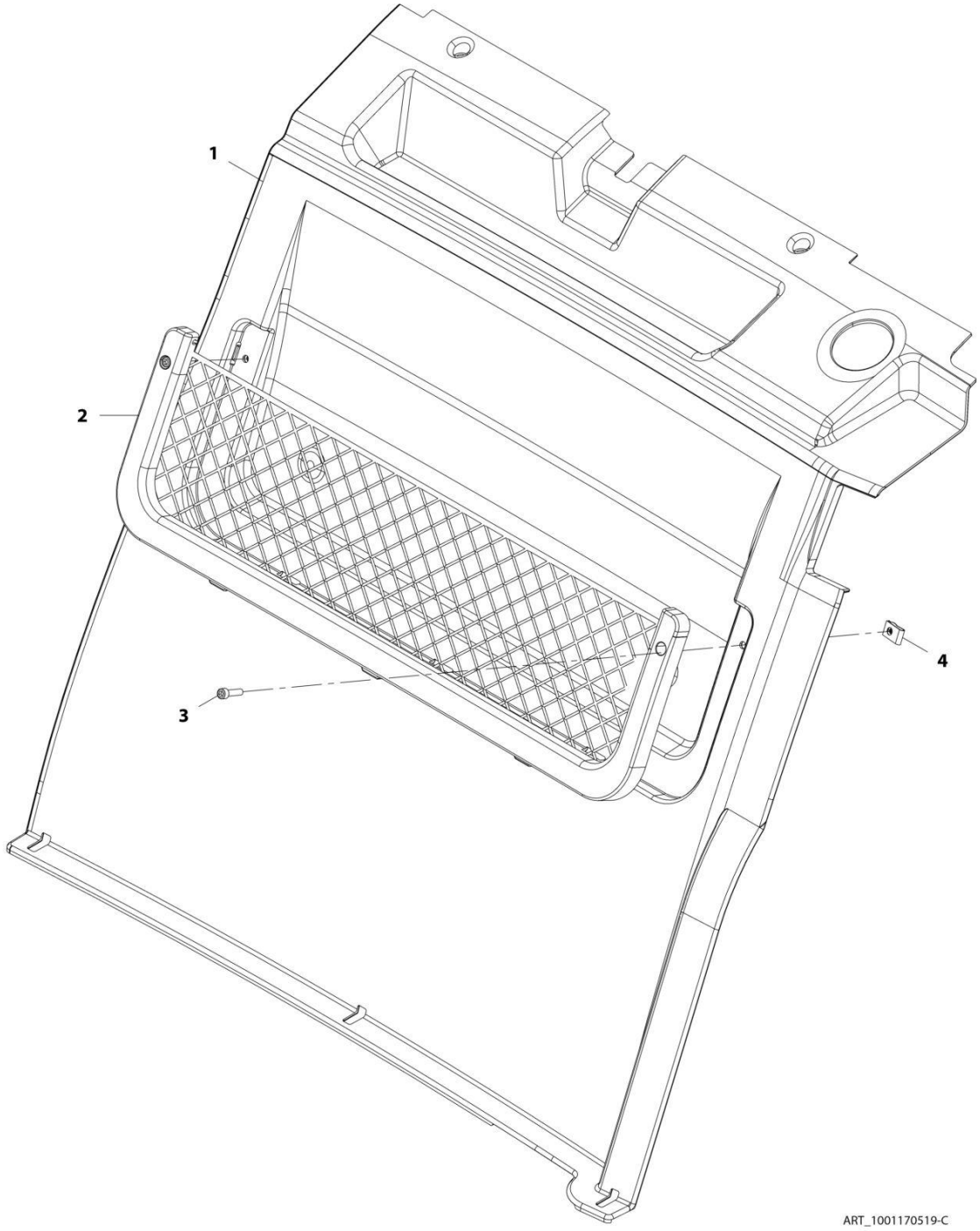
## FIGURE 6-37. DASH COVER ASSEMBLY



## FIGURE 6-37. DASH COVER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169604 | Ref | Dash Cover Assembly (Construction) | B |
| 1 | 1001161851 | 1 | Panel, Top Dash | |
| 2 | 1001147449 | 2 | Vent, Air | |
| 3 | 1001149278 | 1 | Vent, Connector | |
| 4 | 1001174652 | 1 | Hose | |
| 5 | 1001174653 | 1 | Hose | |
| 6 | 1001174655 | 1 | Hose | |
| 7 | 8405201 | 4 | Clamp, Gear | |

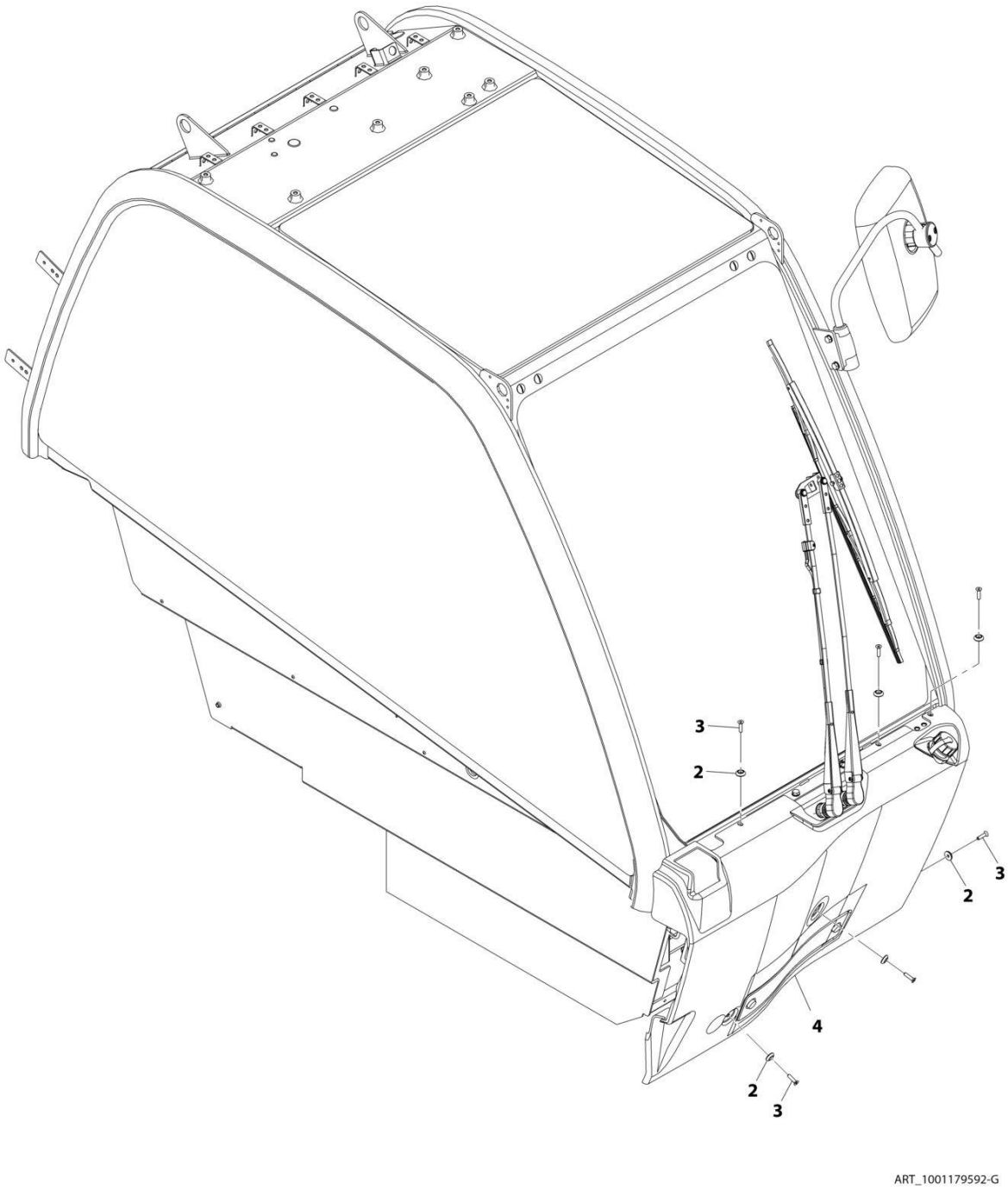
## FIGURE 6-38. REAR PANEL COVER ASSEMBLY



## FIGURE 6-38. REAR PANEL COVER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001170519 | Ref | Rear Panel Cover Assembly | C |
| 1 | 1001161067 | 1 | Panel, Rear | |
| 2 | 1001170514 | 1 | Storage Net, Rear Panel | |
| 3 | 4031608 | 2 | Bolt, M5X20 | |
| 4 | 1001183550 | 2 | Nut, Cage M5 | |

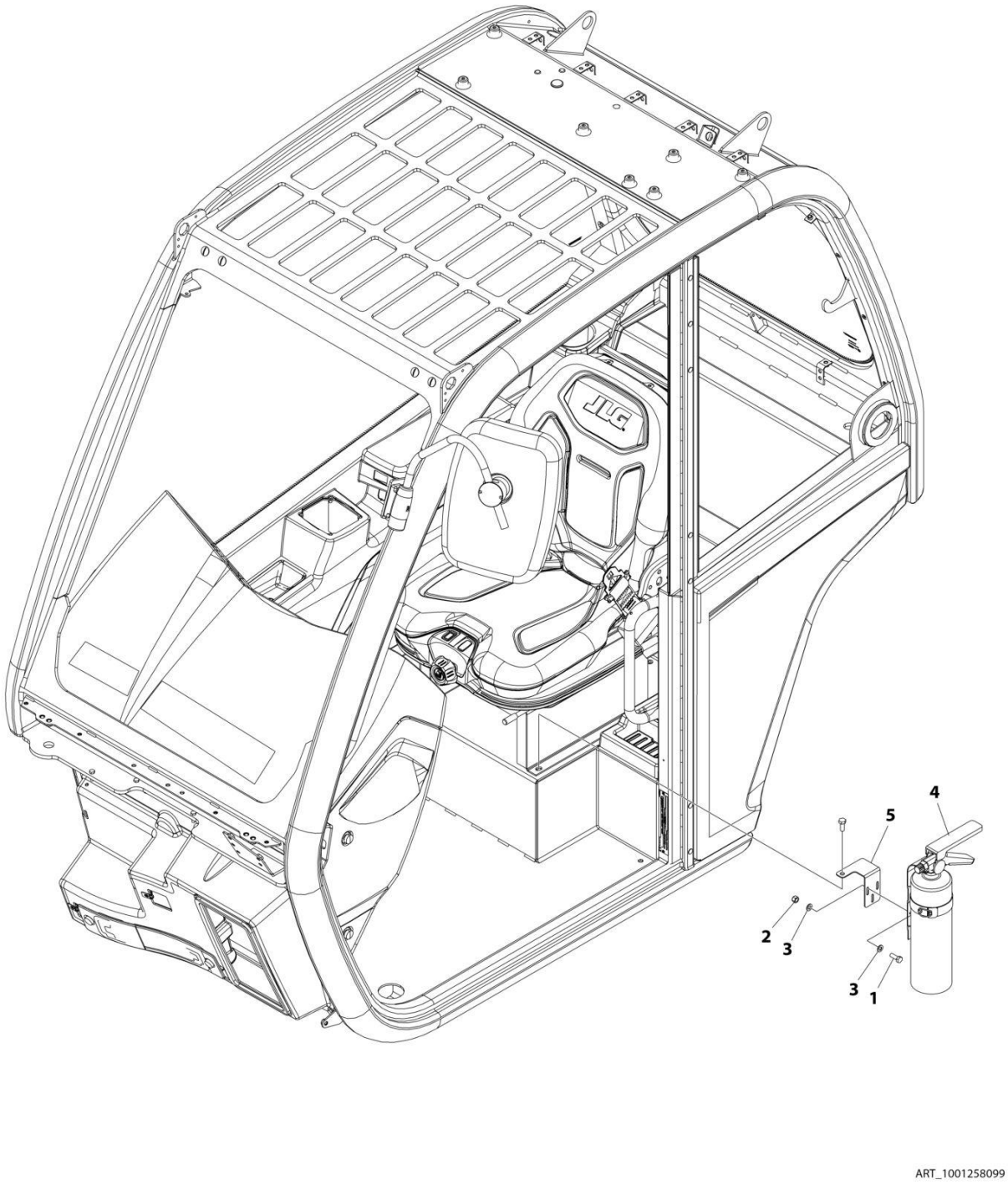
## FIGURE 6-39. ENCLOSED CAB FRONT COVER INSTALLATION



## FIGURE 6-39. ENCLOSED CAB FRONT COVER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179592 | Ref | Enclosed Cab Front Cover Installation | G |
| 2 | 1001097540 | 6 | Washer, M6 | |
| 3 | 3900379 | 6 | Screw, M6-1X25 Grade 10.9 | |
| 4 | 1001170325 | 1 | Cover, Front | |

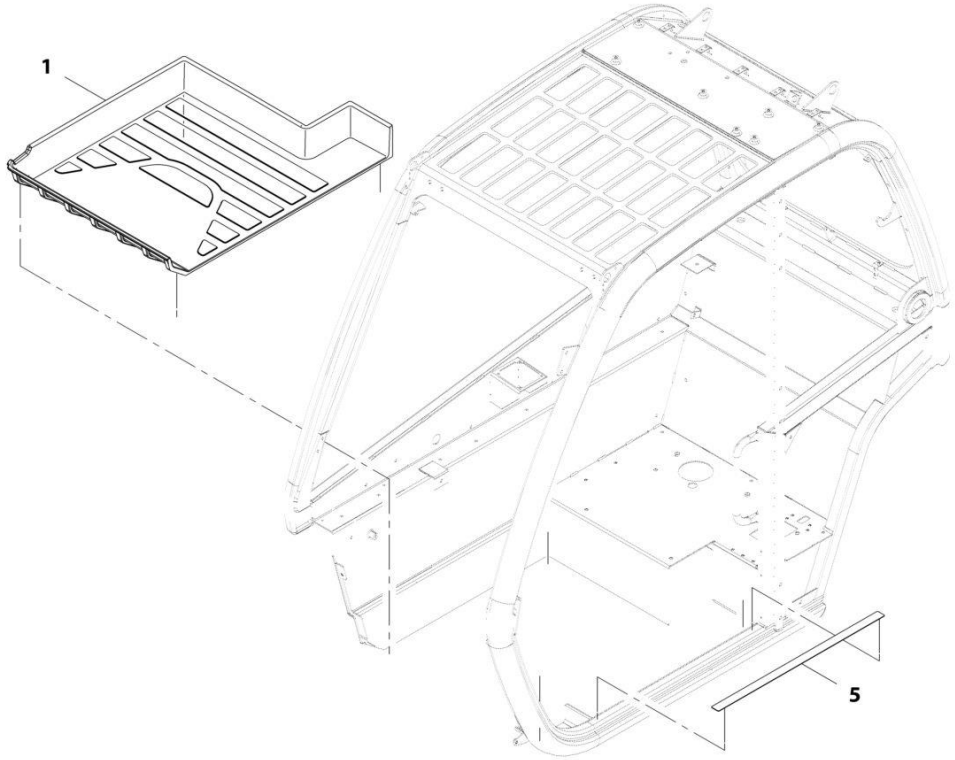
## FIGURE 6-40. FIRE EXTINGUISHER INSTALLATION



## FIGURE 6-40. FIRE EXTINGUISHER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001258099 | Ref | FIRE EXTINGUISHER INSTALLATION | A |
| 1 | 0760507 | 3 | Bolt M5X14 | |
| 2 | 3290505 | 3 | Nut M5 | |
| 3 | 4811600 | 6 | Washer M5 | |
| 4 | 1001099699 | 1 | Fire Extinguisher Assy | |
| 5 | 1001241337 | 1 | Bracket | |

## FIGURE 6-41. FLOOR MAT INSTALLATION

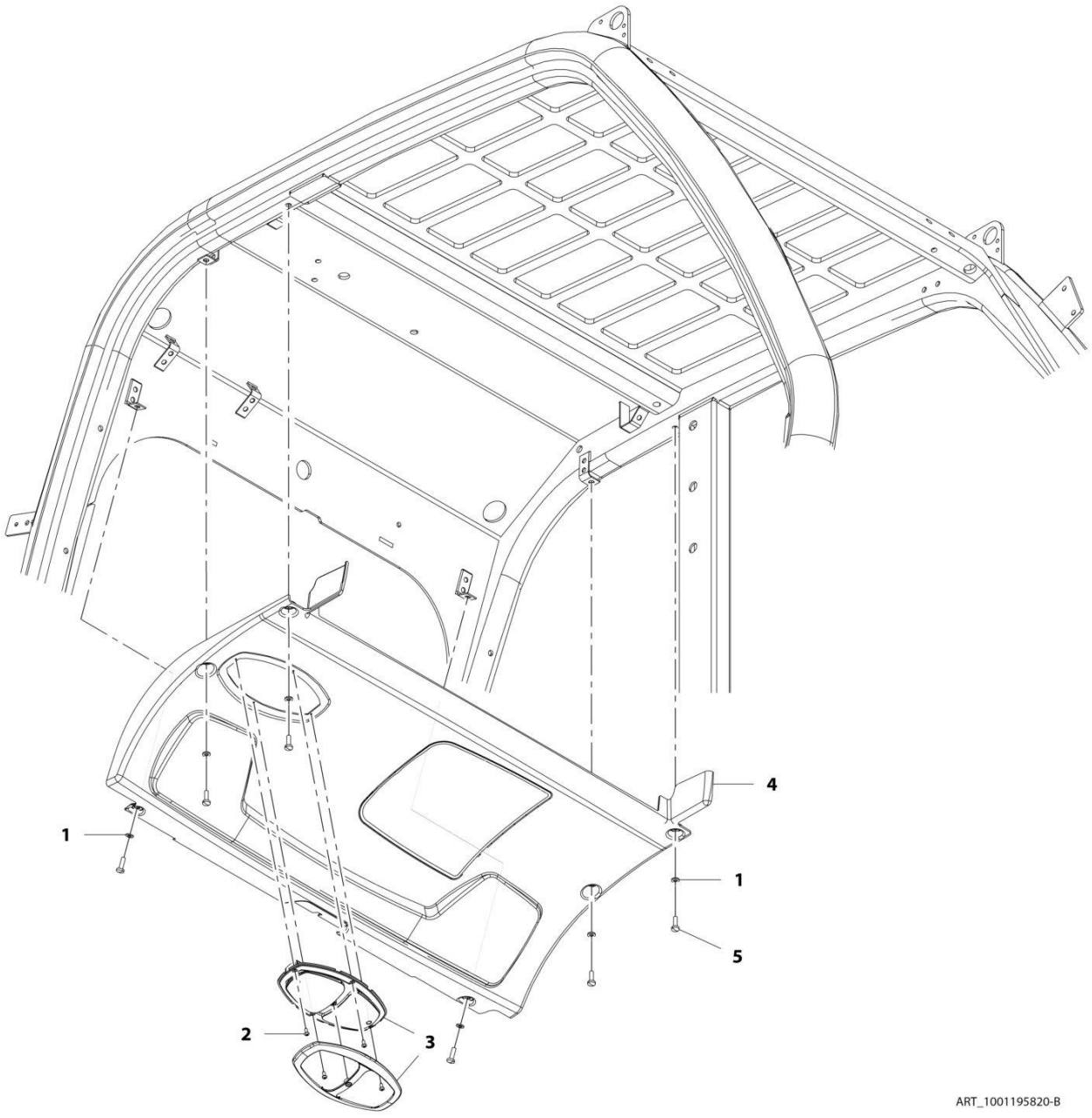



ART_1001161080-E

## FIGURE 6-41. FLOOR MAT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001161080 | Ref | Floor Mat Installation | E |
| 1 | 1001161078 | 1 | Cab, Floor Mat | |
| 5 | 1001197259 | 1 | Tape, Frame Non Skid | |

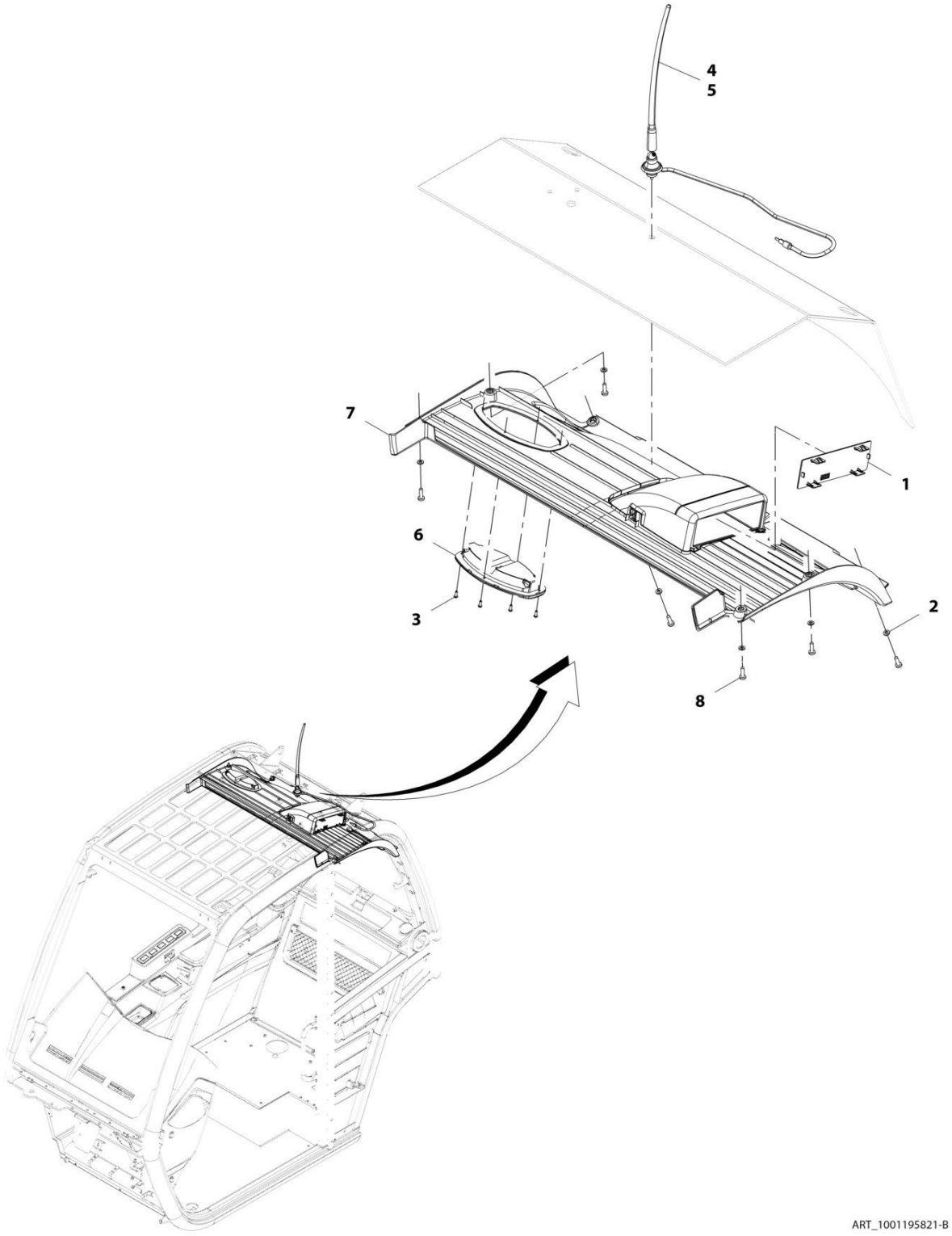
## FIGURE 6-42. HEADLINER INSTALLATION



## FIGURE 6-42. HEADLINER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195820 | Ref | Headliner Installation | C |
| 1 | 4811700 | 6 | Washer, M6 | |
| 2 | 7029486 | 4 | Screw | |
| 3 | 1001167015 | 1 | Lamp, Dome | |
| 4 | 1001195822 | 1 | Panel, Headliner | |
| 5 | 4031708001 | 1 | Cap Screw M6 x 20 | |

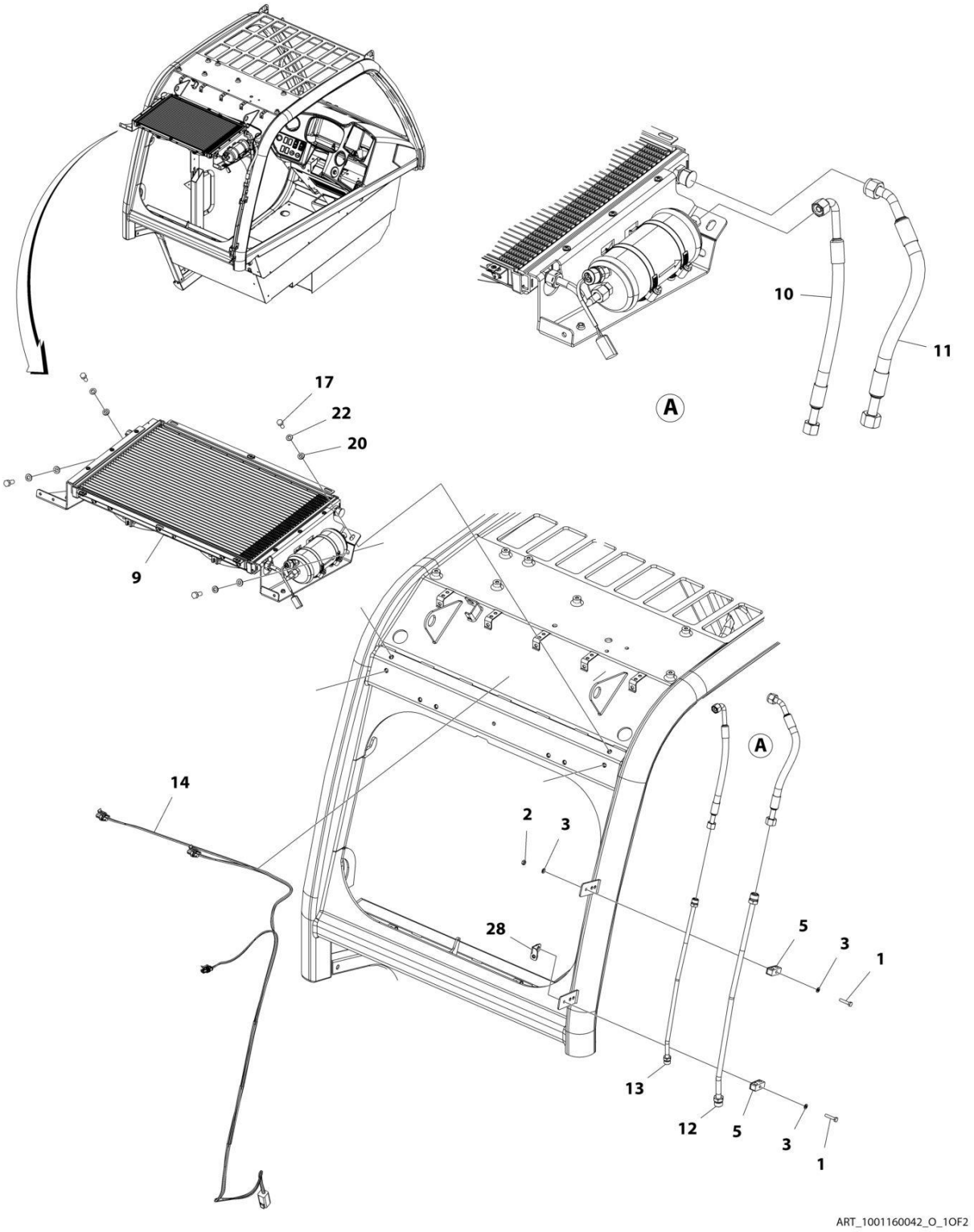
## FIGURE 6-43. HEADLINER/RADIO READY PACKAGE INSTALLATION

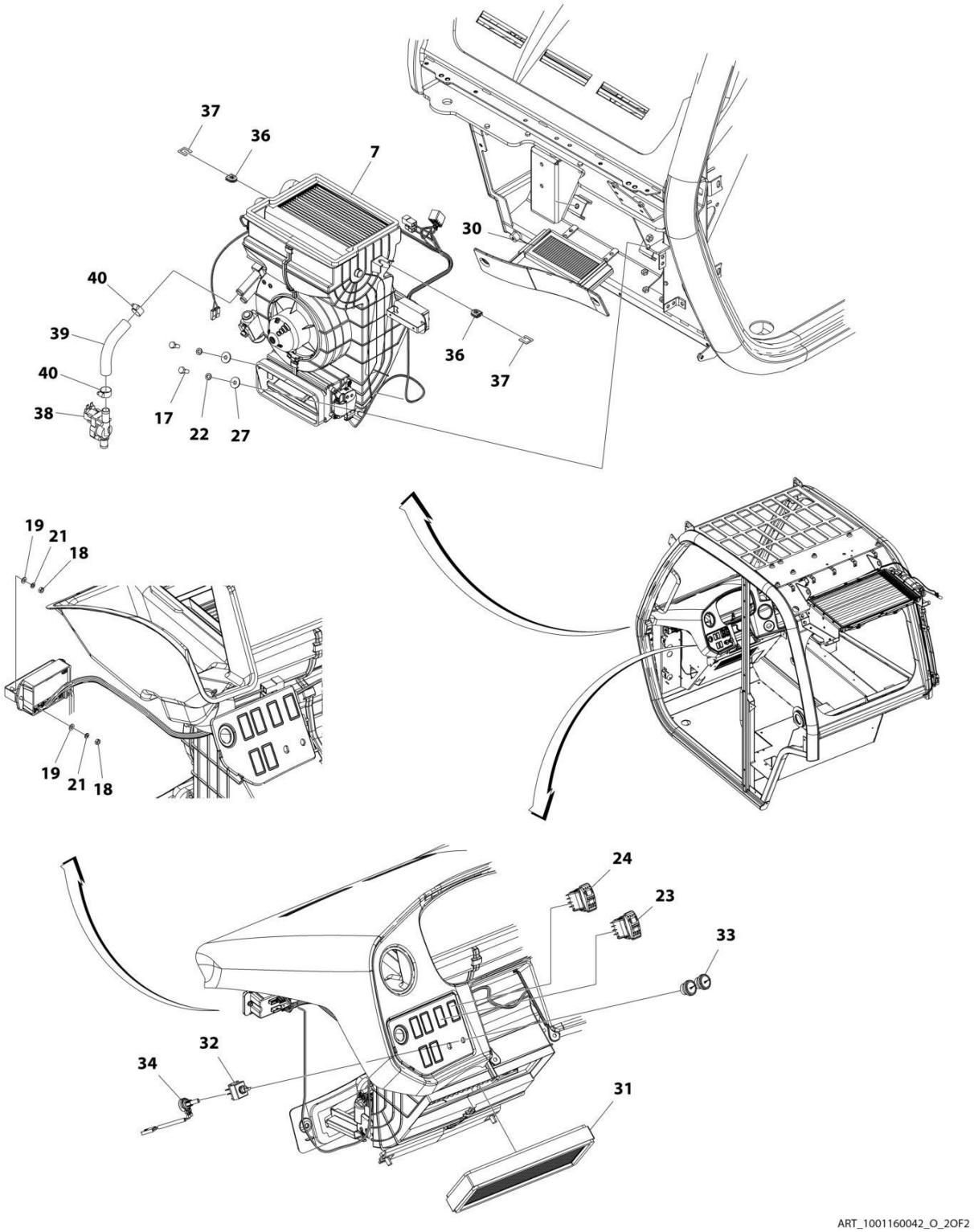


## FIGURE 6-43. HEADLINER/RADIO READY PACKAGE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195821 | Ref | Headliner/Radio Ready Package Installation | B |
| 1 | 1001200968 | 1 | Plate | |
| 2 | 4811700 | 6 | Washer, 6M | |
| 3 | 7029486 | 4 | Screw | |
| 4 | 8005901 | 1 | Antenna | |
| 5 | 1001116128 | AR | Sealant, Polysiloxane | |
| 6 | 1001167015 | 1 | Lamp | |
| 7 | 1001195823 | 1 | Cover, Headliner | |
| 8 | 4010610002 | 6 | Screw, M6X20 | |

## FIGURE 6-44. HEATER AND A/C INSTALLATION (CAB PARTS)

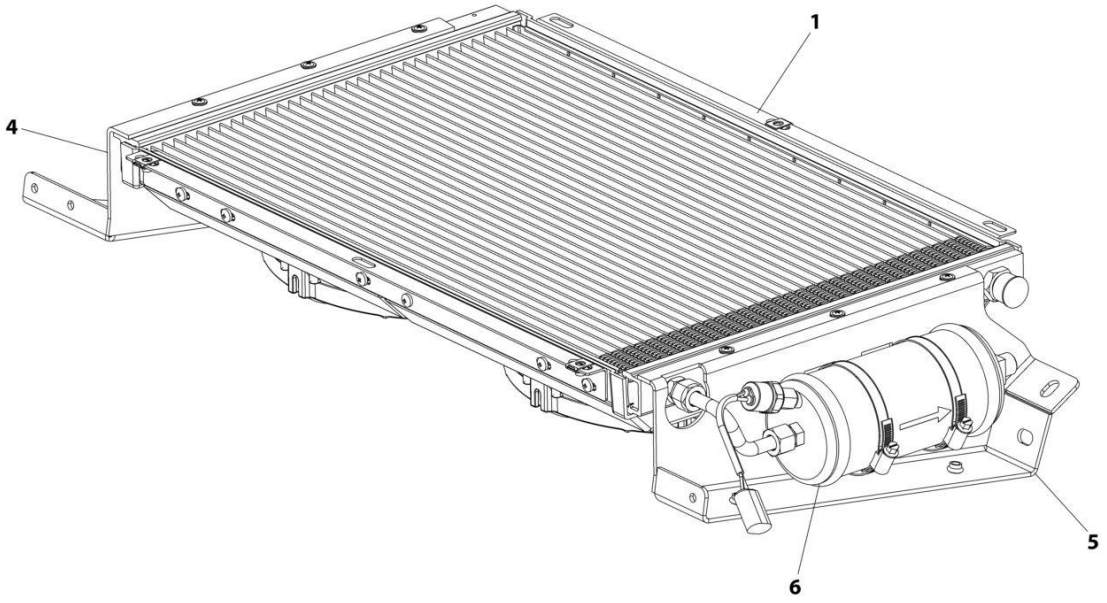



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## FIGURE 6-44. HEATER AND A/C INSTALLATION (CAB PARTS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160042 | Ref | HEATER AND A/C INSTALLATION (CAB PARTS) | O |
| 1 | 0700614 | 2 | Bolt M6 x 30 | |
| 2 | 3290601 | 1 | Nut M6 | |
| 3 | 4811700 | 3 | Washer M6 | |
| 5 | 1001145539 | 2 | Support, Pipe | |
| 7 | 1001268831 | 1 | Assembly, Heater and A/C (See Separate Breakdown in this Section) | |
| 9 | 1001162953 | 1 | Assembly, Cab Condenser (See Separate Breakdown in this Section) | |
| 10 | 1001168327 | 1 | Hose | |
| 11 | 1001168330 | 1 | Hose | |
| 12 | 1001168331 | 1 | Tube | |
| 13 | 1001168456 | 1 | Tube | |
| 14 | 1001169151 | 1 | Harness, A/C Option (See Separate Breakdown in ELECTRICAL Section) | |
| 17 | 0760810 | 6 | Bolt M8 x 20 GR8.8 | |
| 18 | 3290401 | 4 | Nut M4 | |
| 19 | 4811400 | 4 | Washer M4 | |
| 20 | 4811900 | 4 | Washer M8 | |
| 21 | 4831400 | 4 | Washer M4 | |
| 22 | 4831900 | 6 | Washer M8 | |
| 23 | 1001159925 | 1 | Switch, HVAC Recycle | |
| 24 | 1001160326 | 1 | Switch, HVAC On/Off | |
| 27 | 4811902 | 2 | Washer M8 | |
| 28 | 1001178170 | 1 | Bracket | |
| 30 | 1001218996 | 1 | Filter, HVAC Fresh Air | |
| 31 | 1001172553 | 1 | Filter, HVAC Air Recirculation | |
| 32 | 1001172547 | 1 | Switch, HVAC Rotary 3 Speed | |
| 33 | 1001172550 | 2 | Knob, HVAC Control | |
| 34 | 1001270976 | 1 | Cable, HVAC | |
| 35 | 1320022 | 1 | Clamp | |
| 36 | 1001188590 | 2 | Grommet | |
| 37 | 1001218542 | 2 | Shim | |
| 38 | 1001221059 | 1 | Valve, Water | |
| 39 | 1001221295 | 1 | Hose | |
| 40 | 8410009 | 2 | Clamp | |

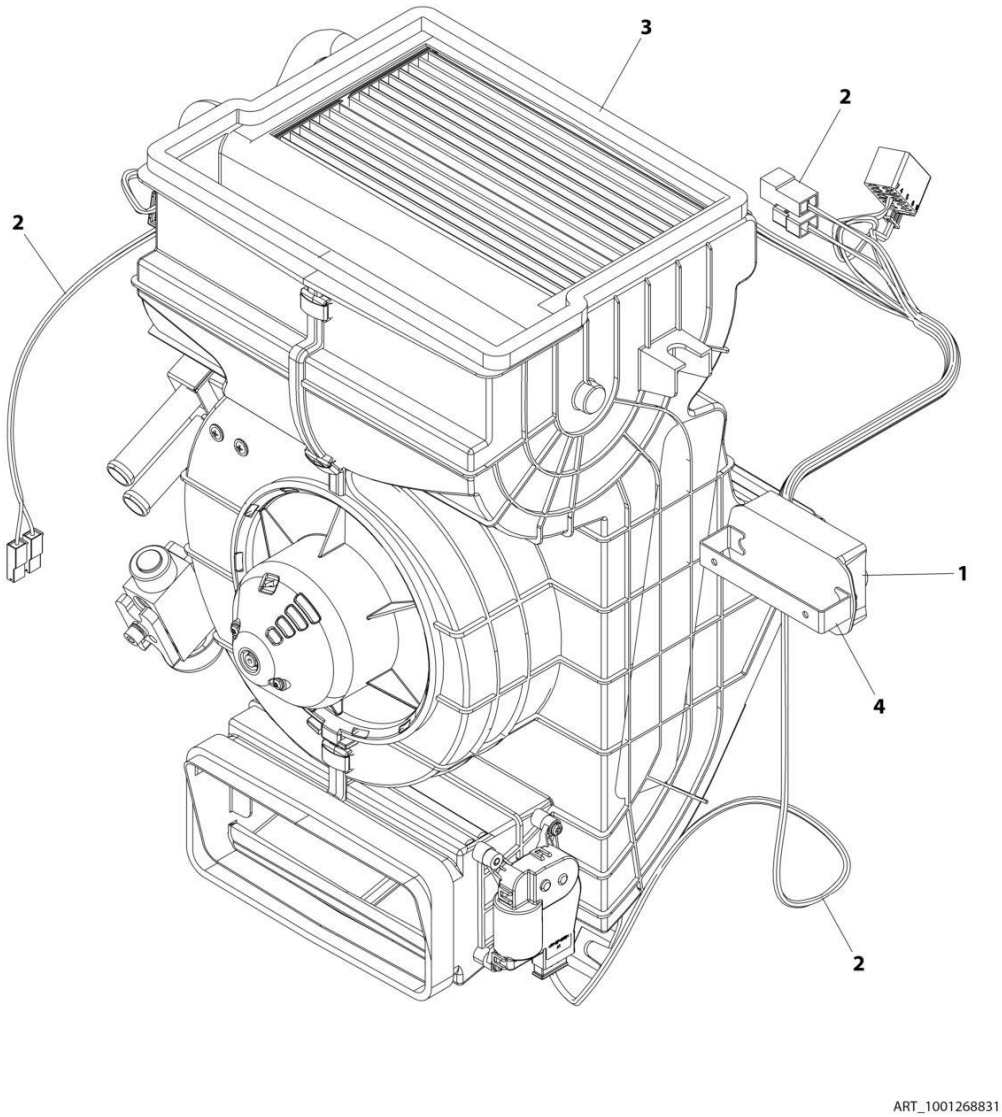
## FIGURE 6-45. CAB CONDENSER ASSEMBLY



## FIGURE 6-45. CAB CONDENSER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001162953 | Ref | Cab Condenser Assembly | G |
| 1 | 1001167266 | 1 | Condenser (See Separate Breakdown in this Section) | |
| 4 | 1001179080 | 1 | Bracket | |
| 5 | 1001179081 | 1 | Bracket | |
| 6 | 1001179130 | 1 | Drier, A/C Receiver (See Separate Breakdown in this Section) | |

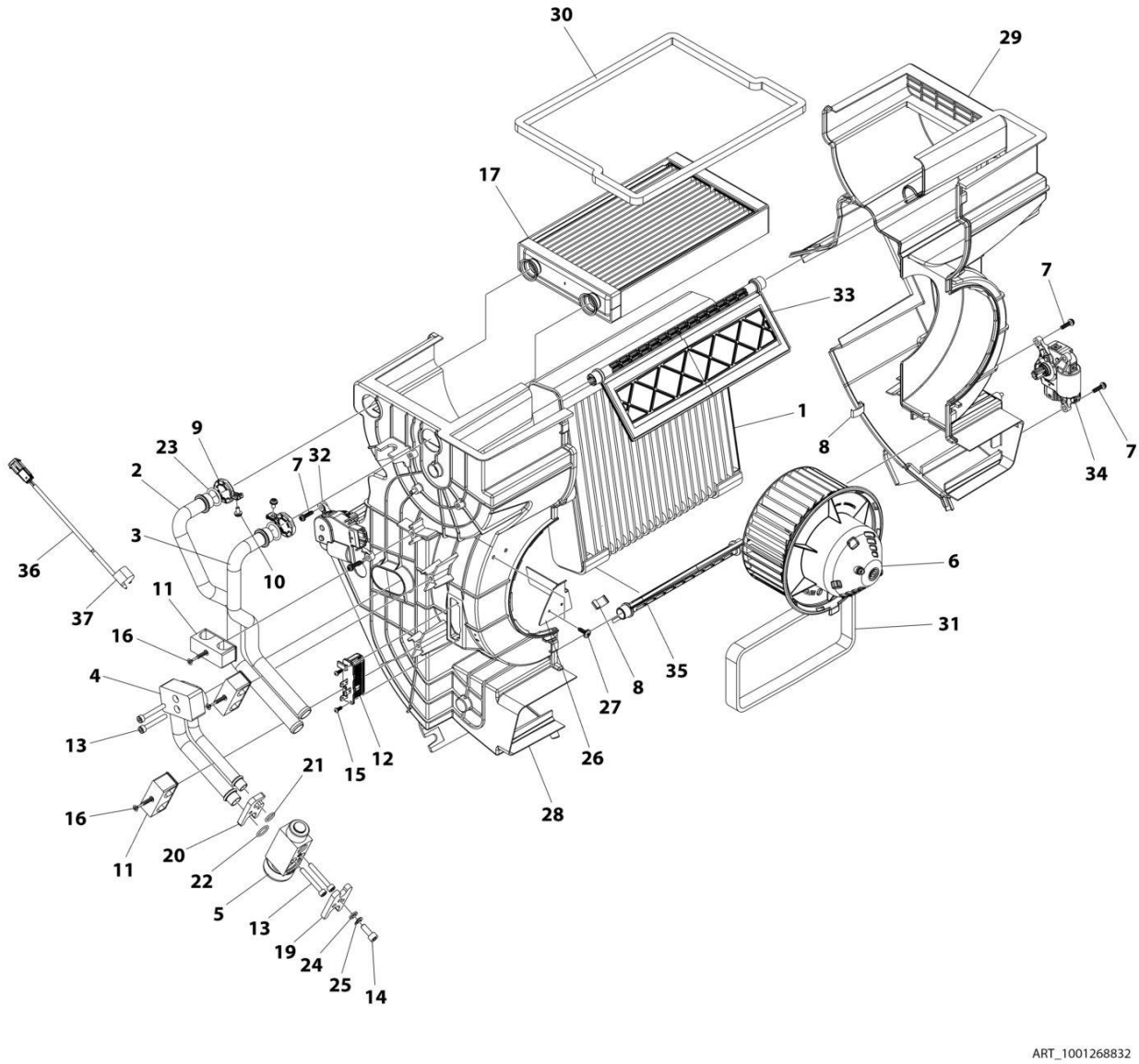
## FIGURE 6-46. HEATER AND A/C ASSEMBLY



## FIGURE 6-46. HEATER AND A/C ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001268831 | Ref | HEATER AND A/C ASSEMBLY | B |
| 1 | 1001268829 | 1 | Actuator, HVAC Cab | |
| 2 | 1001268830 | 1 | Harness, HVAC Actuator (See Separate Breakdown in this Section) | |
| 3 | 1001268832 | 1 | Heater and A/C (See Separate Breakdown in this Section) | |
| 4 | 1001264976 | 1 | Bracket | |

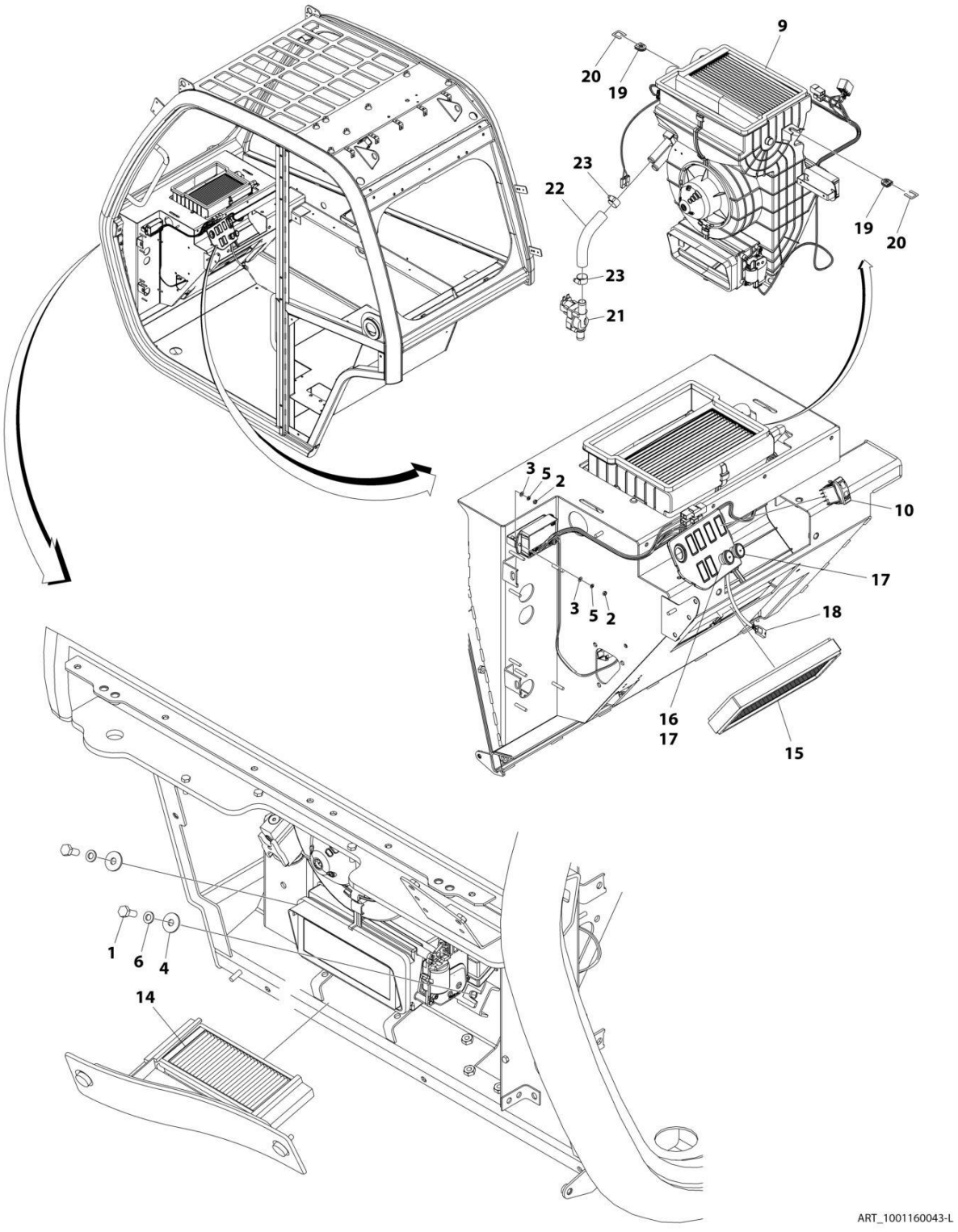
## FIGURE 6-47. HEATER AND A/C ASSEMBLY



## FIGURE 6-47. HEATER AND A/C ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001268832 | Ref | HEATER AND A/C | B |
| 1 | 1001184280 | 1 | Evaporator, Heater | |
| 2 | 1001184296 | 1 | Pipe, Heater Water | |
| 3 | 1001184297 | 1 | Pipe, Heater Water | |
| 4 | 1001184427 | 1 | Pipe, Heater | |
| 5 | 1001188592 | 1 | Valve, HVAC Expansion | |
| 6 | 1001188594 | 1 | Fan, HVAC Centrifugal 12V | |
| 7 | 1001188602 | 4 | Screw M4 | |
| 8 | 1001188603 | 9 | Clamp, HVAC Case | |
| 9 | 1001188604 | 2 | Clamp, HVAC Pipe | |
| 10 | 1001188610 | 2 | Screw M4 | |
| 11 | 1001188612 | 3 | Clamp, Pipe | |
| 12 | 1001188614 | 1 | Resistor | |
| 13 | 1001188618 | 4 | Screw M5 | |
| 14 | 1001188619 | 1 | Screw M6 | |
| 15 | 1001188720 | 2 | Screw M2.9 x 9.5 | |
| 16 | 1001188725 | 3 | Screw M4 x 35 | |
| 17 | 1001188729 | 1 | Radiator, Heater Core | |
| 19 | 1001188817 | 1 | Clamp, Hose | |
| 20 | 1001188818 | 1 | Clamp, HVAC EVAP/Valve | |
| 21 | 1001189023 | 1 | O-Ring | |
| 22 | 1001189024 | 1 | O-Ring | |
| 23 | 1001189025 | 2 | O-Ring | |
| 24 | 1001189048 | 1 | Washer | |
| 25 | 1001189054 | 1 | Washer, Spring | |
| 26 | 1001221057 | 1 | Plate | |
| 27 | 1001221058 | 2 | Screw | |
| 28 | 1001269555 | 1 | Housing, HVAC RH | |
| 29 | 1001269556 | 1 | Housing, HVAC LH | |
| 30 | 1001269558 | 1 | Seal, Heater Outlet Foam | |
| 31 | 1001269559 | 1 | Seal, Air Inlet Foam | |
| 32 | 1001269560 | 1 | Actuator, Hot/Cold Mixing | |
| 33 | 1001269561 | 1 | Foam, Heater Mixing Flap | |
| 34 | 1001269563 | 1 | Actuator, Fresh/Recirculation Air | |
| 35 | 1001269564 | 1 | Foam, Heater Mixing Flap | |
| 36 | 1001269578 | 1 | Temperature Sensor | |
| 37 | 1001269579 | 1 | Clamp, Temperature Sensor | |

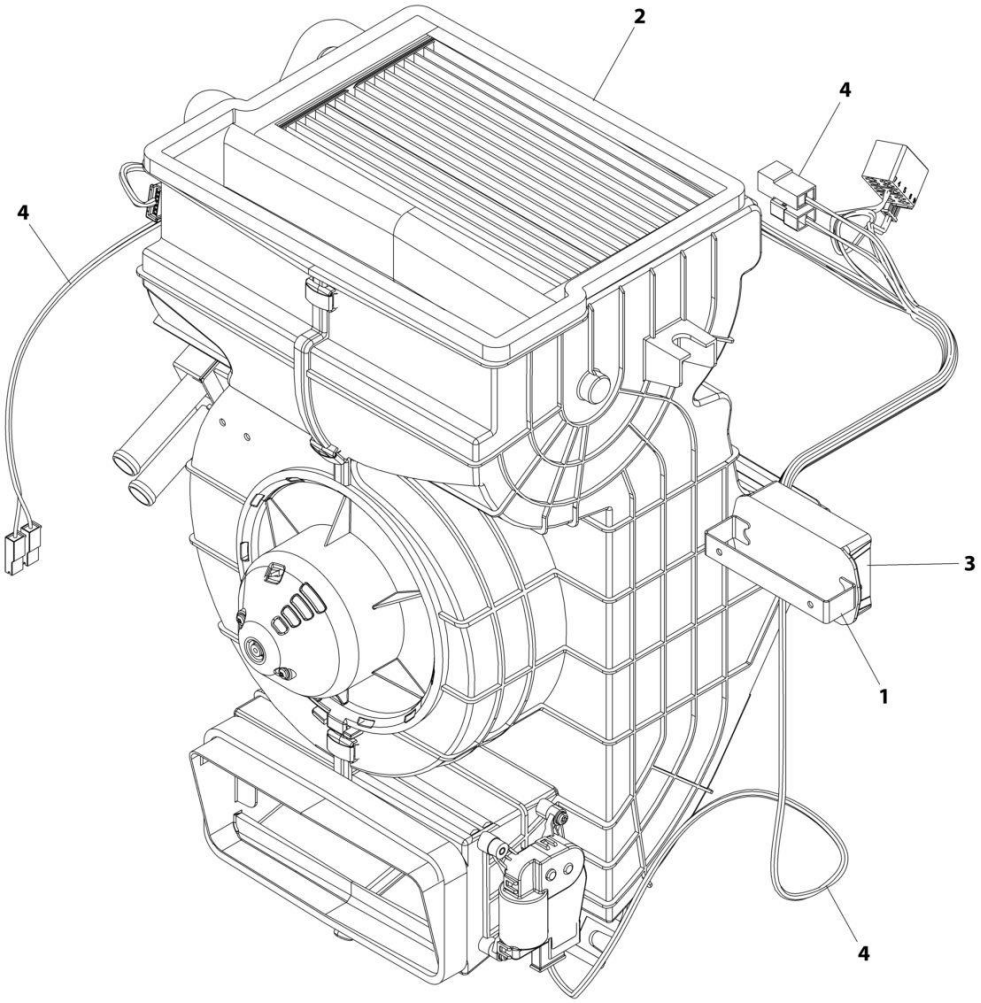
## FIGURE 6-48. HEATER INSTALLATION



## FIGURE 6-48. HEATER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160043 | Ref | HEATER INSTALLATION | L |
| 1 | 0760810 | 2 | Bolt M8 x 20 | |
| 2 | 3290401 | 4 | Nut M4 | |
| 3 | 4811400 | 4 | Washer M4 | |
| 4 | 4811902 | 2 | Washer M8 | |
| 5 | 4831400 | 4 | Washer M4 | |
| 6 | 4831900 | 2 | Washer M8 | |
| 9 | 1001268827 | 1 | Assembly, Heater (See Separate Breakdown in this Section) | |
| 10 | 1001159925 | 1 | Switch, HVAC Recycle | |
| 14 | 1001218996 | 1 | Filter, HVAC Air | |
| 15 | 1001172553 | 1 | Filter, HVAC Recirculation Air | |
| 16 | 1001172547 | 1 | Switch, HVAC Rotary 3 Speed | |
| 17 | 1001172550 | 2 | Knob, HVAC Control | |
| 18 | 1001270976 | 1 | Cable, HVAC | |
| 19 | 1001188590 | 2 | Grommet | |
| 20 | 1001218542 | 2 | Shim | |
| 21 | 1001221059 | 1 | Valve, Water | |
| 22 | 1001221295 | 1 | House | |
| 23 | 8410009 | 2 | Clamp | |

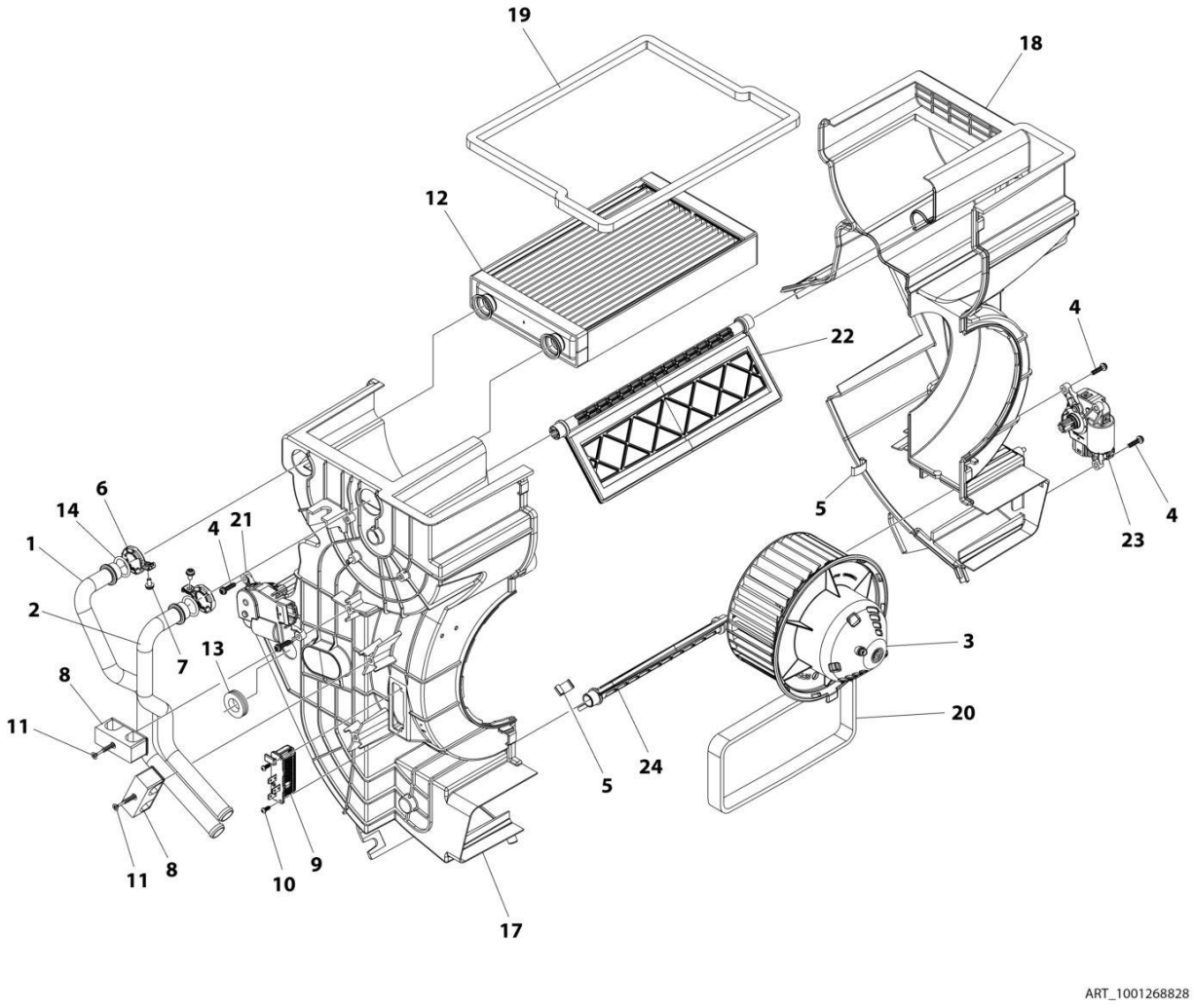
## FIGURE 6-49. HEATER ASSEMBLY



## FIGURE 6-49. HEATER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001268827 | Ref | HEATER ASSEMBLY | B |
| 1 | 1001264976 | 1 | Bracket | |
| 2 | 1001268828 | 1 | Heater, Cab (See Separate Breakdown in this Section) | |
| 3 | 1001268829 | 1 | Actuator, HVAC Cab | |
| 4 | 1001268830 | 1 | Harness, HVAC Actuator (See Separate Breakdown in ELECTRICAL Section) | |

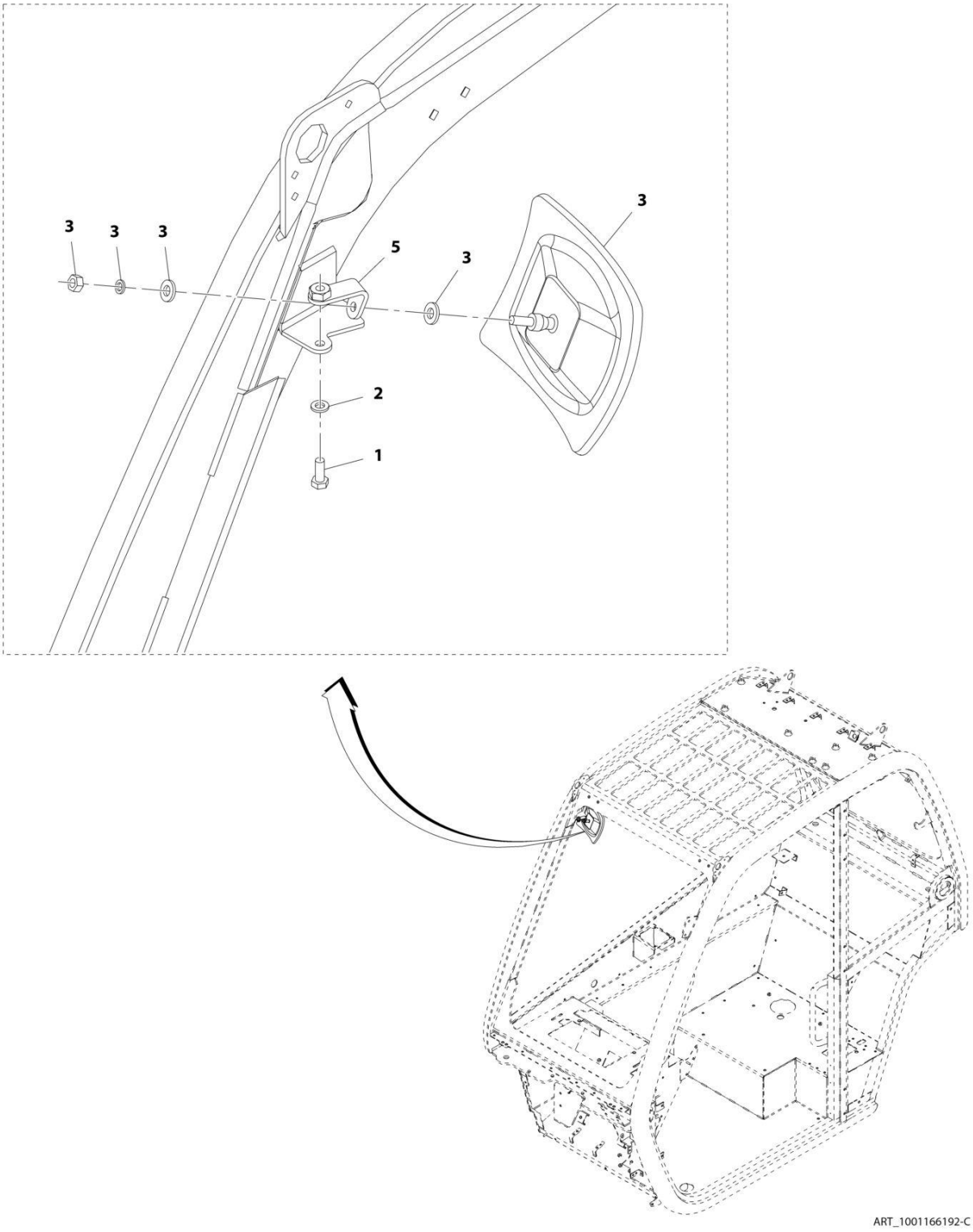
## FIGURE 6-50. CAB HEATER ASSEMBLY



## FIGURE 6-50. CAB HEATER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001268828 | Ref | HEATER | B |
| 1 | 1001184296 | 1 | Pipe, Water | |
| 2 | 1001184297 | 1 | Pipe, Water | |
| 3 | 1001188594 | 1 | Fan, 12V | |
| 4 | 1001188602 | 4 | Screw | |
| 5 | 1001188603 | 9 | Clamp | |
| 6 | 1001188604 | 2 | Clamp | |
| 7 | 1001188610 | 2 | Screw | |
| 8 | 1001188612 | 2 | Clamp | |
| 9 | 1001188614 | 1 | Resistor | |
| 10 | 1001188720 | 2 | Screw | |
| 11 | 1001188725 | 2 | Screw | |
| 12 | 1001188729 | 1 | Radiator, Heater Core | |
| 13 | 1001188733 | 1 | Grommet | |
| 14 | 1001189025 | 2 | O-Ring | |
| 17 | 1001269555 | 1 | Housing, RH | |
| 18 | 1001269556 | 1 | Housing, LH | |
| 19 | 1001269558 | 1 | Foam, Air Outlet | |
| 20 | 1001269559 | 1 | Foam, Air Inlet | |
| 21 | 1001269560 | 1 | Actuator, Fresh/Recirculation Air | |
| 22 | 1001269561 | 1 | Flap, Mixing | |
| 23 | 1001269563 | 1 | Actuator, Fresh/Recirculation Air | |
| 24 | 1001269564 | 1 | Flap, HVAC Fresh | |

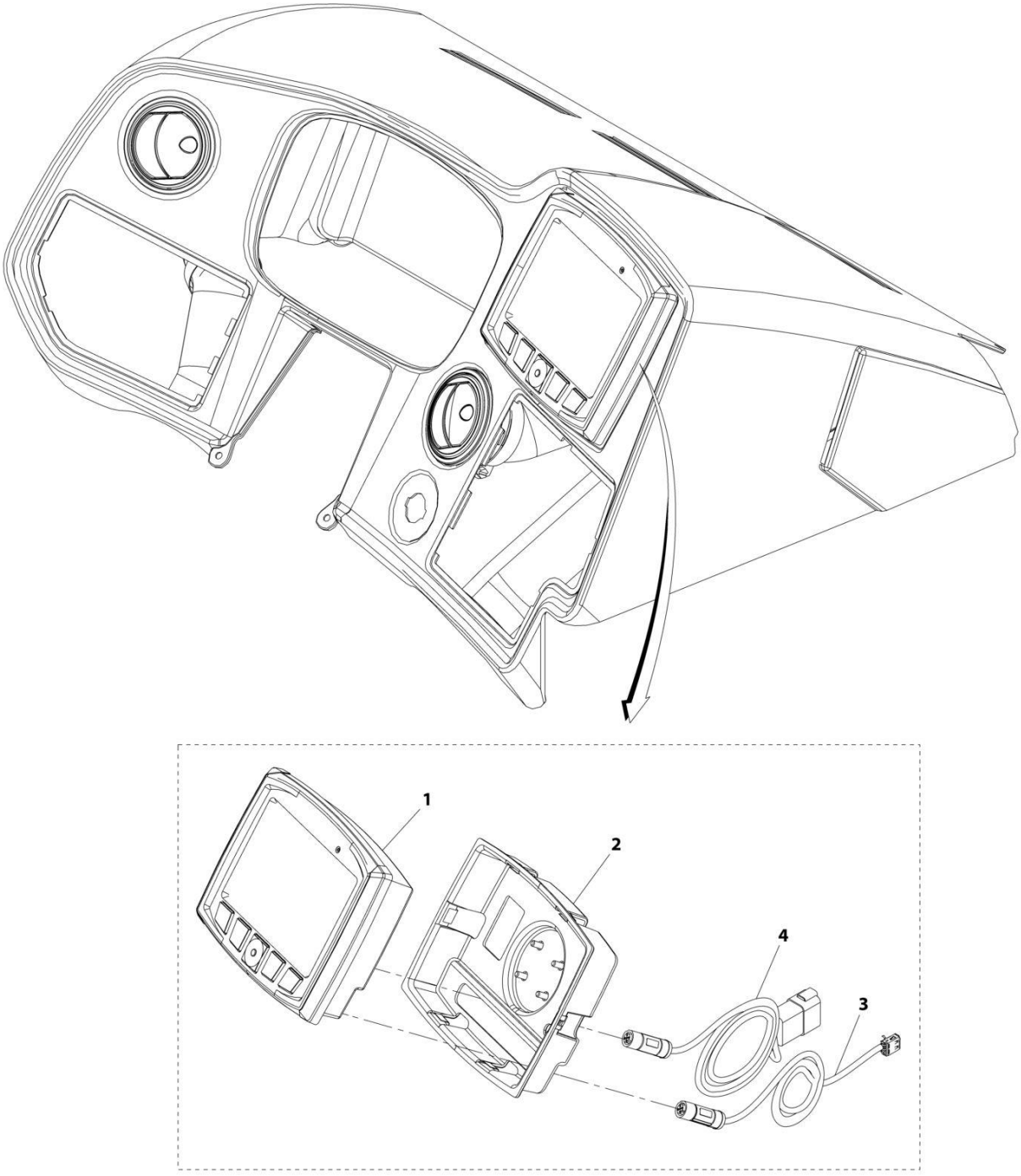
## FIGURE 6-51. INTERNAL MIRROR INSTALLATION



## FIGURE 6-51. INTERNAL MIRROR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166192 | Ref | Interior Mirror Installation | C |
| 1 | 0760608 | 1 | Bolt, M6X16 | |
| 2 | 4811700 | 1 | Washer, M6 | |
| 3 | 1001007641 | 1 | Mirror, Interior (See Separate Breakdown in this Section) | |
| 5 | 1001166191 | 1 | Bracket | |

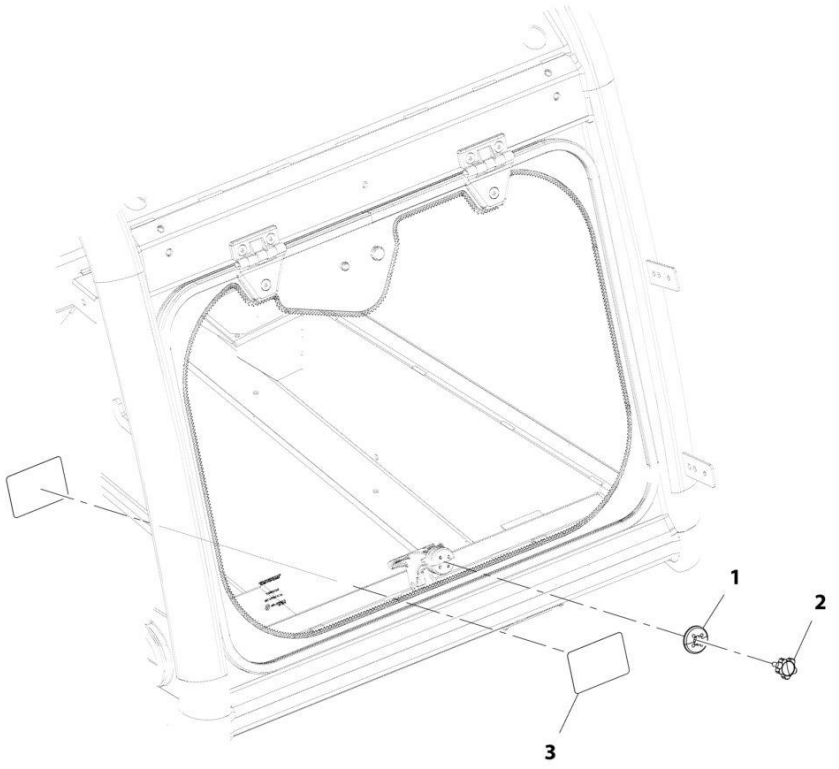
## FIGURE 6-52. MULTIFUNCTION DISPLAY INSTALLATION



## FIGURE 6-52. MULTIFUNCTION DISPLAY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176338 | Ref | Multifunction Display Installation | C |
| 1 | 1001250161 | 1 | Display | |
| 2 | 1001178783 | 1 | Bezel | |
| 3 | 1001180682 | 1 | Cable | |
| 4 | 1001180683 | 1 | Cable, Video | |

## FIGURE 6-53. REAR WINDOW RELEASE INSTALLATION (ANSI - ENGLISH)

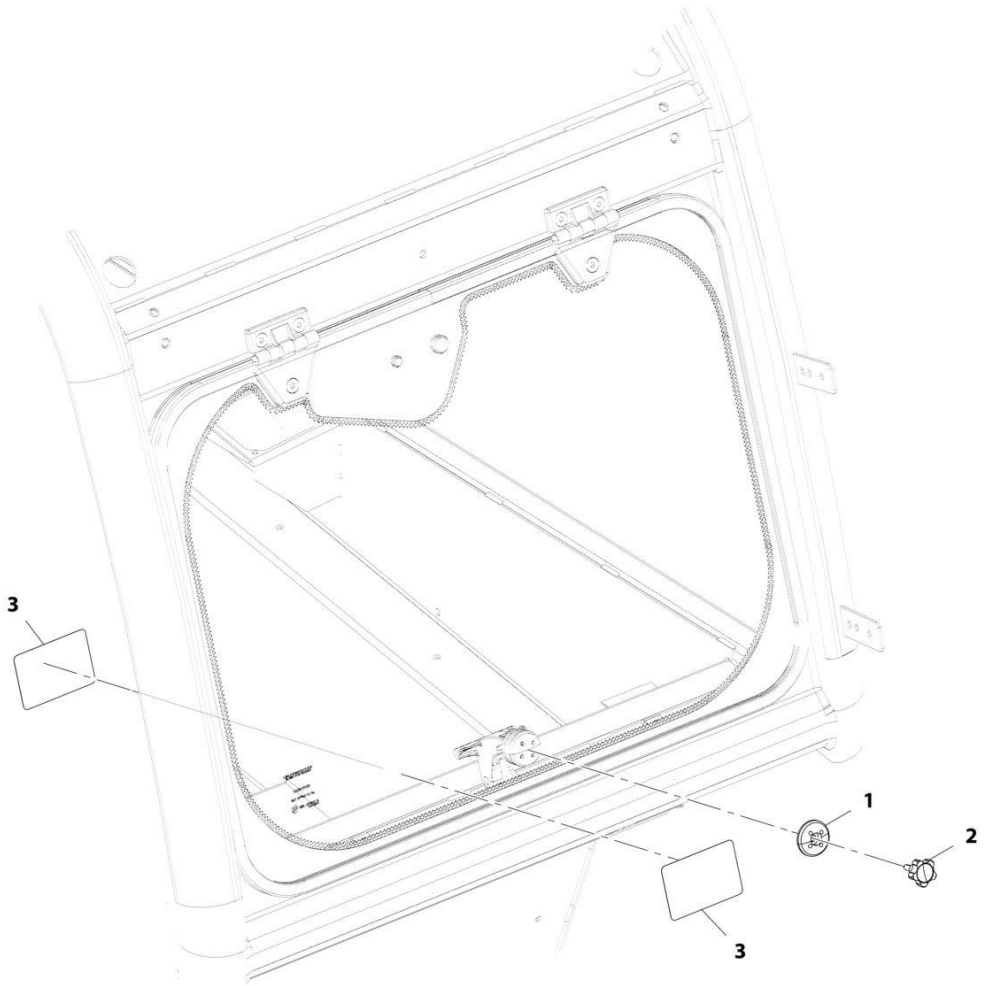



ART_1001212047-A

## FIGURE 6-53. REAR WINDOW RELEASE INSTALLATION (ANSI - ENGLISH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212047 | Ref | External Window Release Installation (ANSI) | A |
| 1 | 1001179008 | 1 | Cap, Latch Window | |
| 2 | 1001179009 | 1 | Cap, Knob M6 | |
| 3 | 1001212049 | 2 | Decal, Emergency Exit | |

## FIGURE 6-54. REAR WINDOW RELEASE INSTALLATION (ENGLISH/FREMCH)

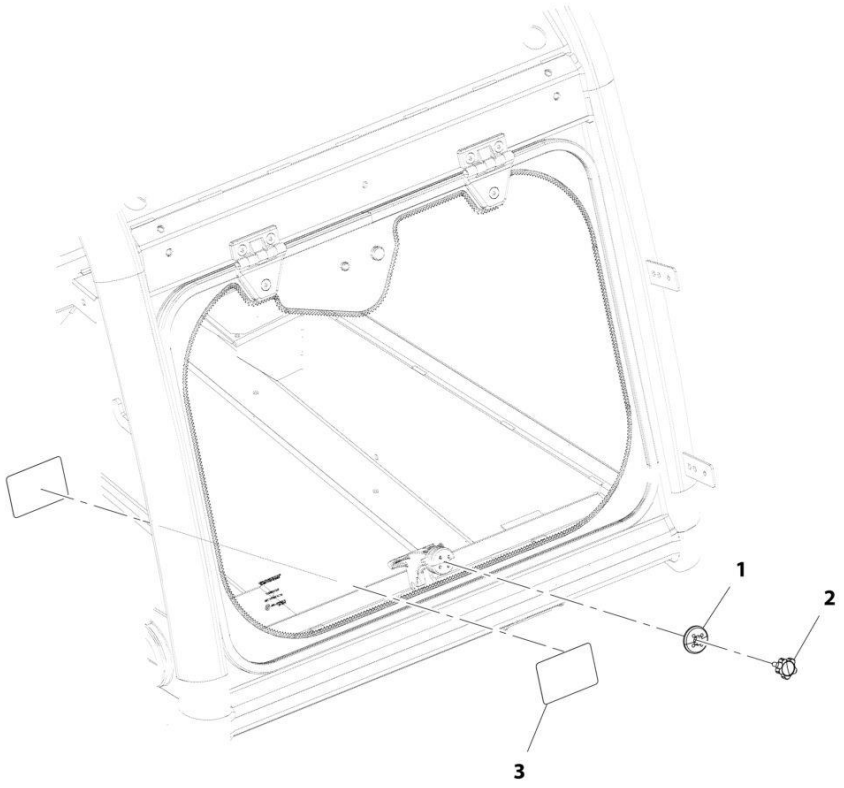



ART_1001178826-C

## FIGURE 6-54. REAR WINDOW RELEASE INSTALLATION (ENGLISH/FREMCH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178826 | Ref | External Window Release Installation (English/French) | C |
| 1 | 1001179008 | 1 | Cap, Latch Window | |
| 2 | 1001179009 | 1 | Knob | |
| 3 | 1001204709 | 2 | Decal, Emergency Exit (English/French) | |

## FIGURE 6-55. REAR WINDOW RELEASE INSTALLATION (ISO)

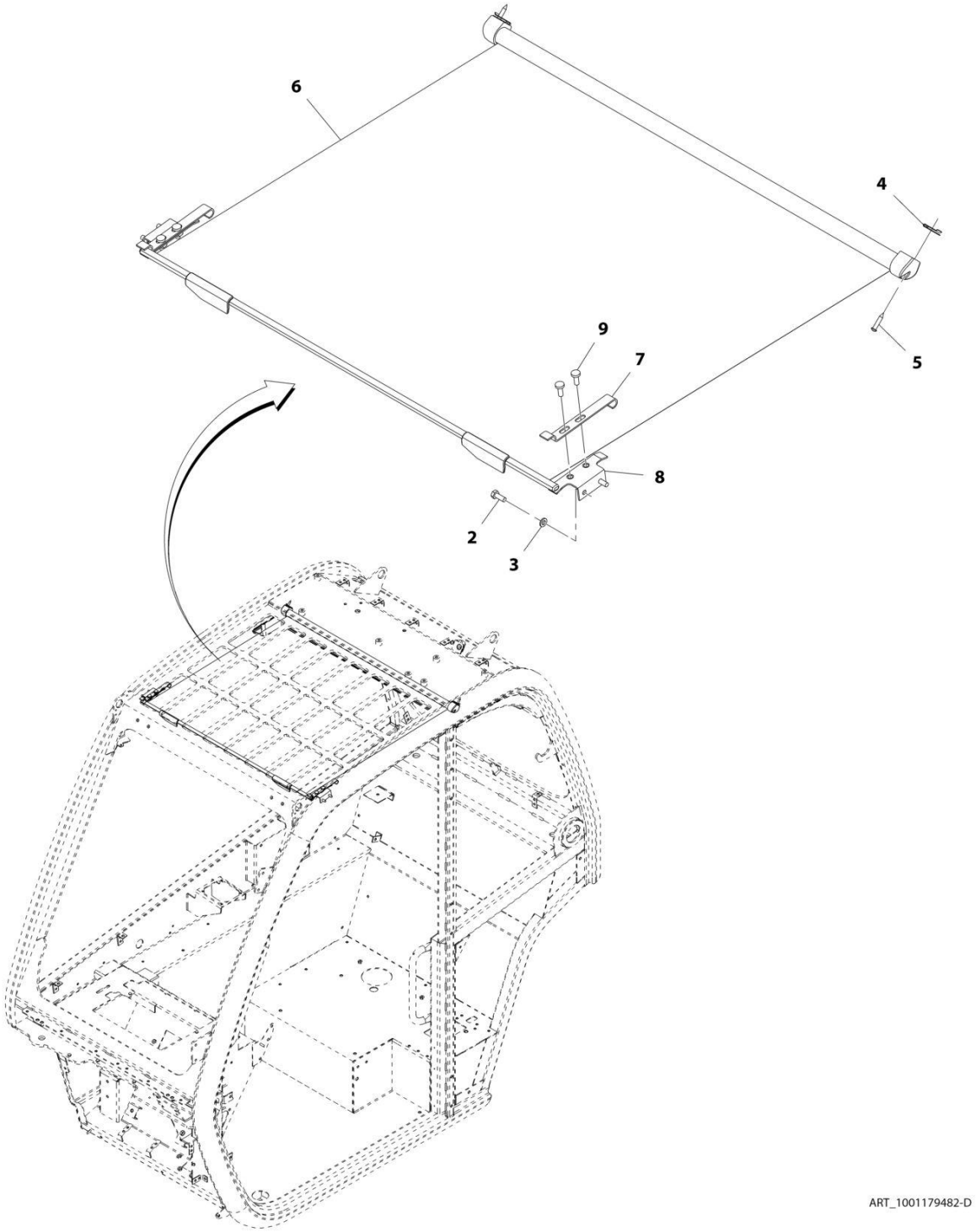



ART_1001212048-A

## FIGURE 6-55. REAR WINDOW RELEASE INSTALLATION (ISO)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212048 | Ref | Rear Window Installation (WO/Wiper) (ISO) | A |
| 1 | 1001179008 | 1 | Cap, Latch Window | |
| 2 | 1001179009 | 1 | Cap, Knob M6 | |
| 3 | 1001212050 | 2 | Decal, Emergency Exit | |

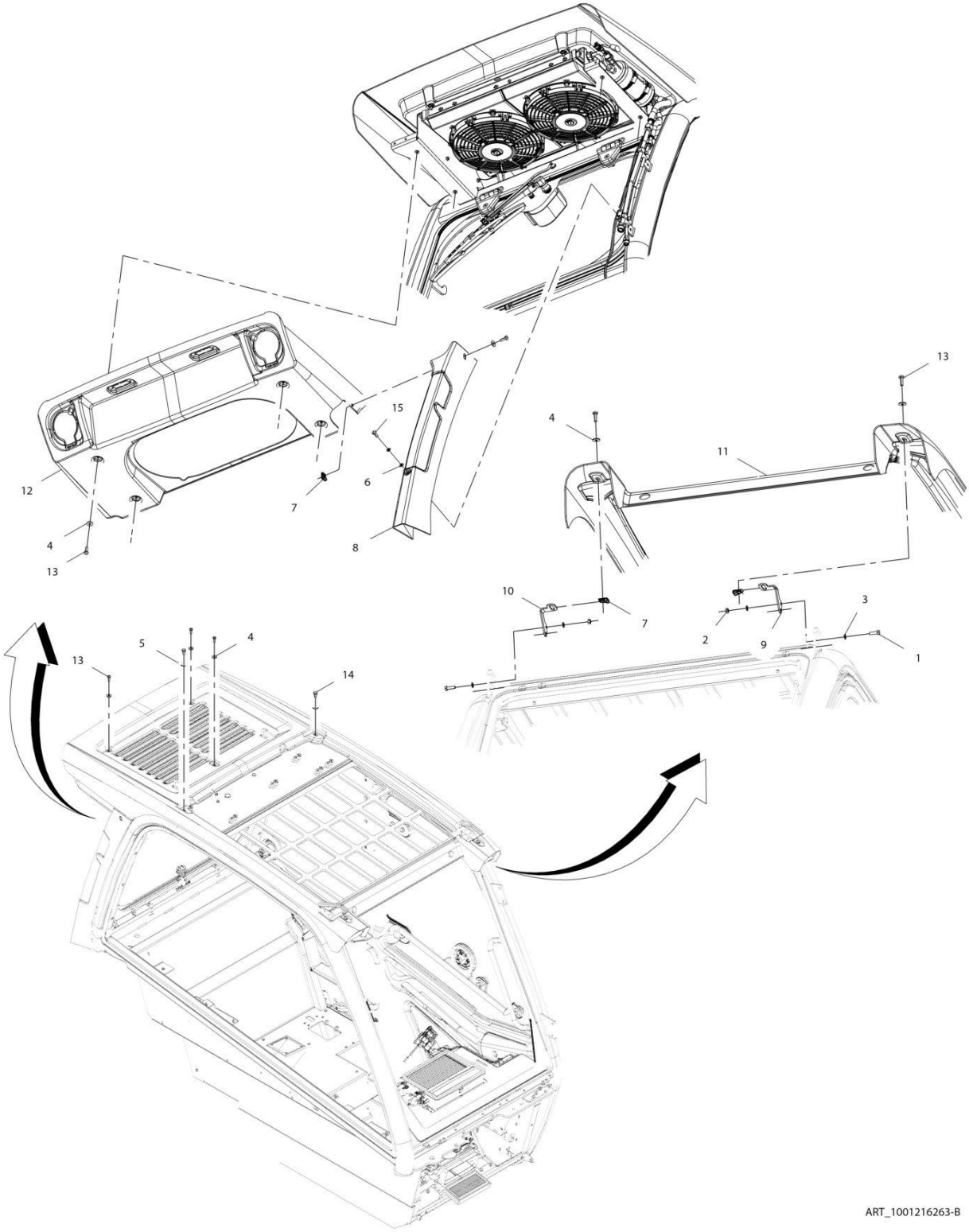
## FIGURE 6-56. RETRACTABLE SUNSCREEN INSTALLATION



## FIGURE 6-56. RETRACTABLE SUNSCREEN INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179482 | Ref | Retractable Sunscreen Installation | D |
| 2 | 0760608 | 4 | Bolt, M6X16 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 1001111076 | 2 | Nut, Spire | |
| 5 | 1001111147 | 2 | Screw, Self Tapping | |
| 6 | 1001179483 | 1 | Cab, Sun Blind | |
| 7 | 1001209463 | 2 | Bracket | |
| 8 | 1001166385 | 2 | Bracket | |
| 9 | 4010608002 | 4 | Screw, Posi-Drive M6X16 | |

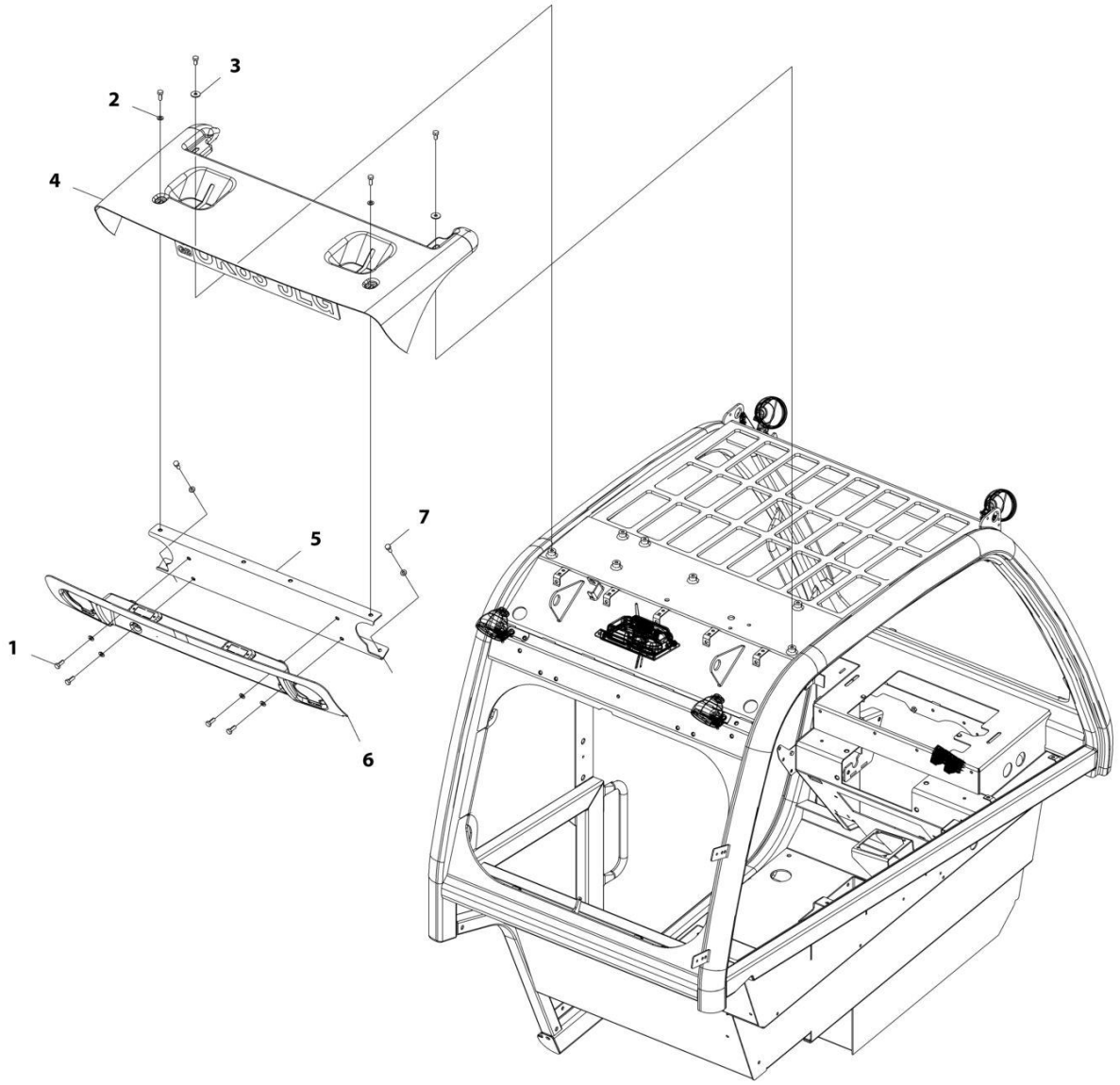
## FIGURE 6-57. ROOF CAP INSTALLATION (A/C)



## FIGURE 6-57. ROOF CAP INSTALLATION (A/C)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216263 | Ref | Roof Cap (A/C) Installation | B |
| 1 | 0700610 | 4 | Bolt, M6X20 | |
| 2 | 3290601 | 4 | Nut, M6X1 | |
| 3 | 4811700 | 9 | Washer, M6 | |
| 4 | 4811702 | 10 | Washer, M6 | |
| 5 | 4811902 | 2 | Washer, M8 | |
| 6 | 4831700 | 1 | Washer, Lock M6 | |
| 7 | 8305919 | 3 | Nut, M6 | |
| 8 | 1001174741 | 1 | Cover | |
| 9 | 1001174800 | 1 | Bracket | |
| 10 | 1001174801 | 1 | Bracket | |
| 11 | 1001216267 | 1 | Cover, Upper Roof Cap | |
| 12 | 1001216269 | 1 | Cover, Lower Roof Cap | |
| 13 | 4010610002 | 10 | Screw, Posi-Drive M6X20 | |
| 14 | 0760808 | 2 | Bolt, M8X16 | |
| 15 | 4010608002 | 1 | Screw, M6X16 | |

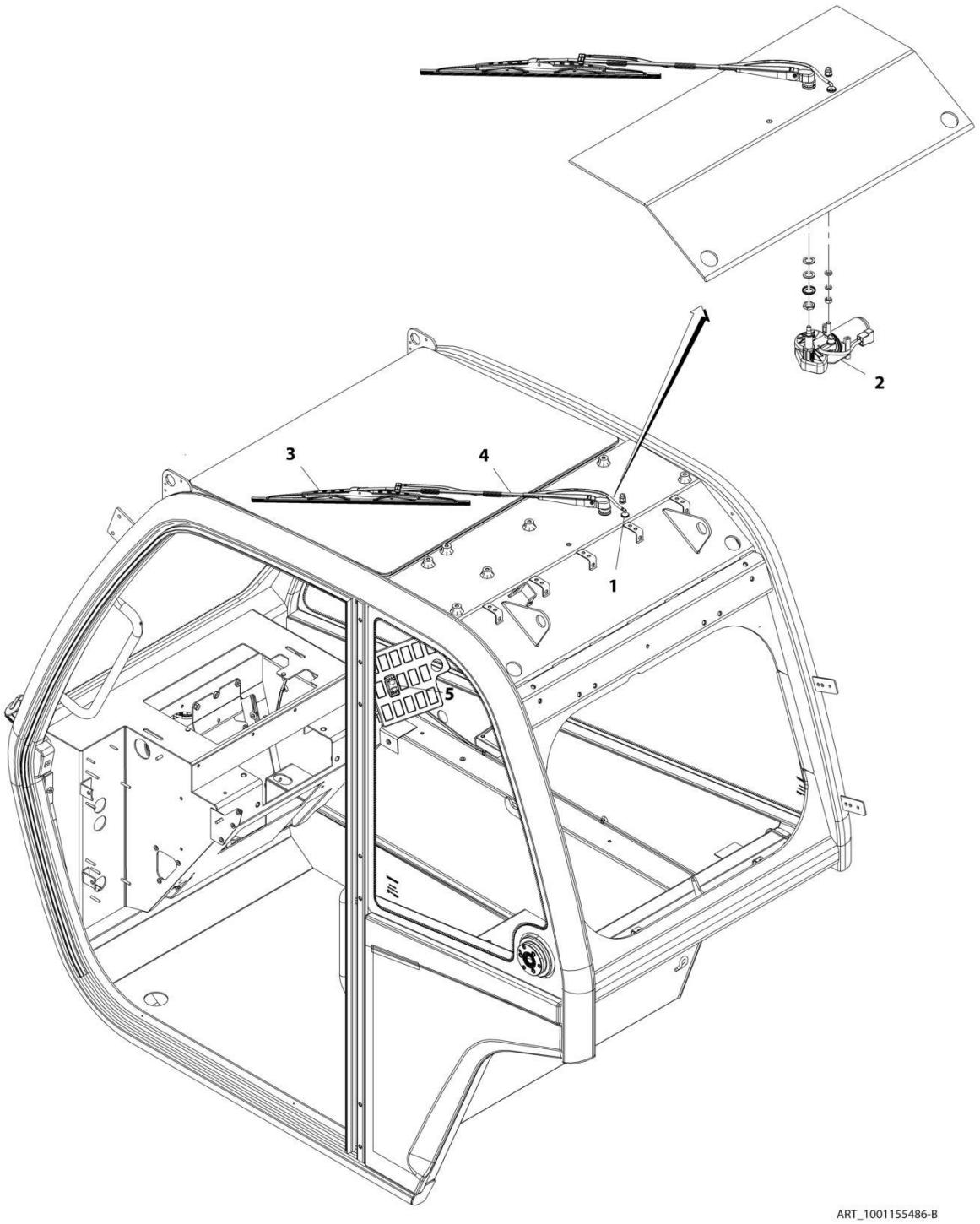
## FIGURE 6-58. ROOF CAP INSTALLATION (NO A/C)



## FIGURE 6-58. ROOF CAP INSTALLATION (NO A/C)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216265 | Ref | Roof Cap Installation (No A/C) | B |
| 1 | 0760810 | 8 | Bolt, M8X20 | |
| 2 | 4811900 | 8 | Washer, M8 | |
| 3 | 4811902 | 2 | Washer, M8 | |
| 4 | 1001182330 | 1 | Cover, Short Upper Roof Cap | |
| 5 | 1001185633 | 1 | Bracket, Roof Cap Mount | |
| 6 | 1001216270 | 1 | Cover, Short Lower Roof Cap | |
| 7 | 0760808 | 2 | Bolt, M8X16 | |

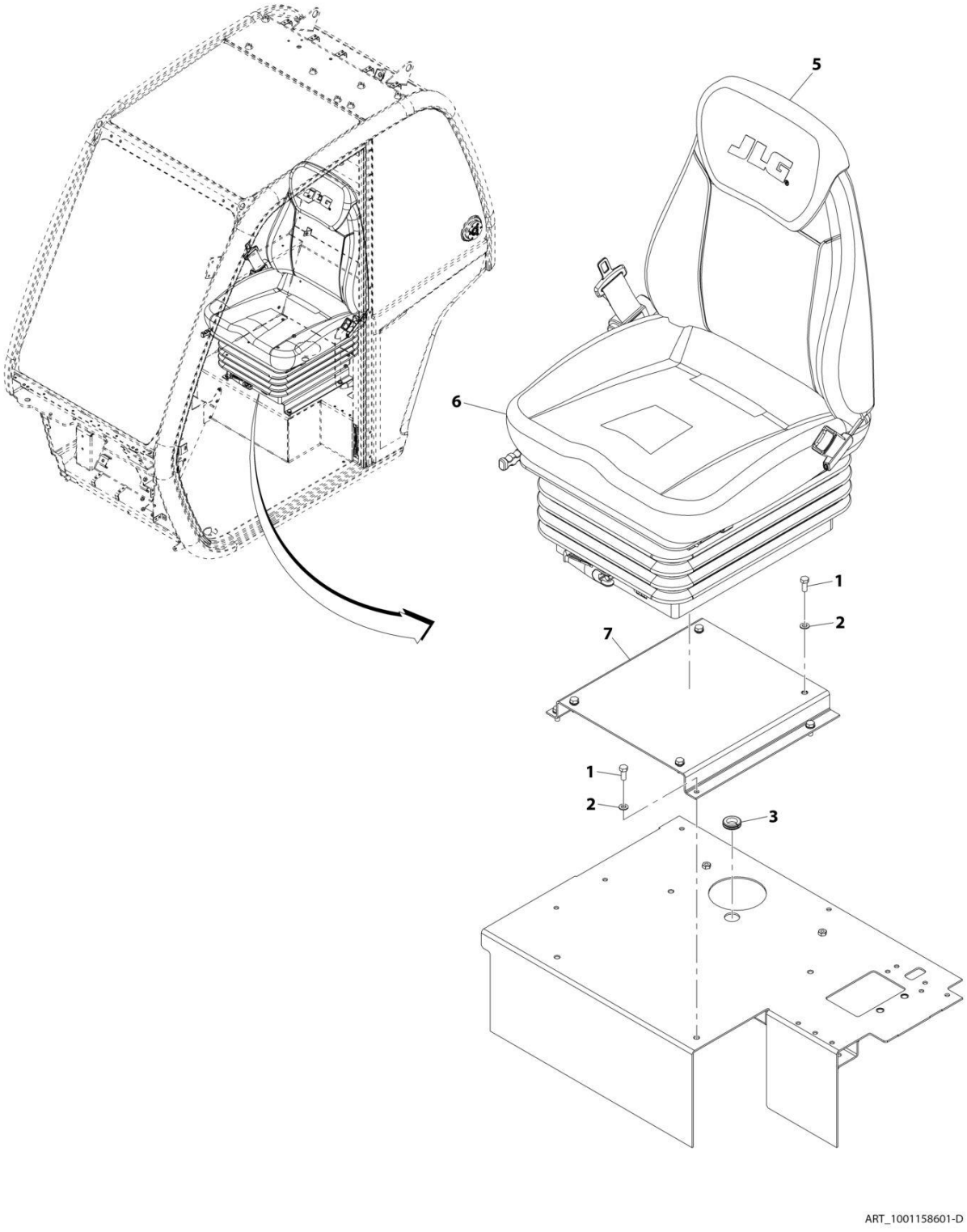
## FIGURE 6-59. ROOF WIPER INSTALLATION



## FIGURE 6-59. ROOF WIPER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001155486 | Ref | Roof Wiper Installation | B |
| 1 | 1001090343 | 1 | Connector | |
| 2 | 1001139551 | 1 | Motor, Roof Wiper | |
| 3 | 1001141313 | 1 | Blade, Roof Wiper | |
| 4 | 1001141311 | 1 | Arm, Roof Wiper Blade | |
| 5 | 1001159736 | 1 | Switch, Roof Wiper | |

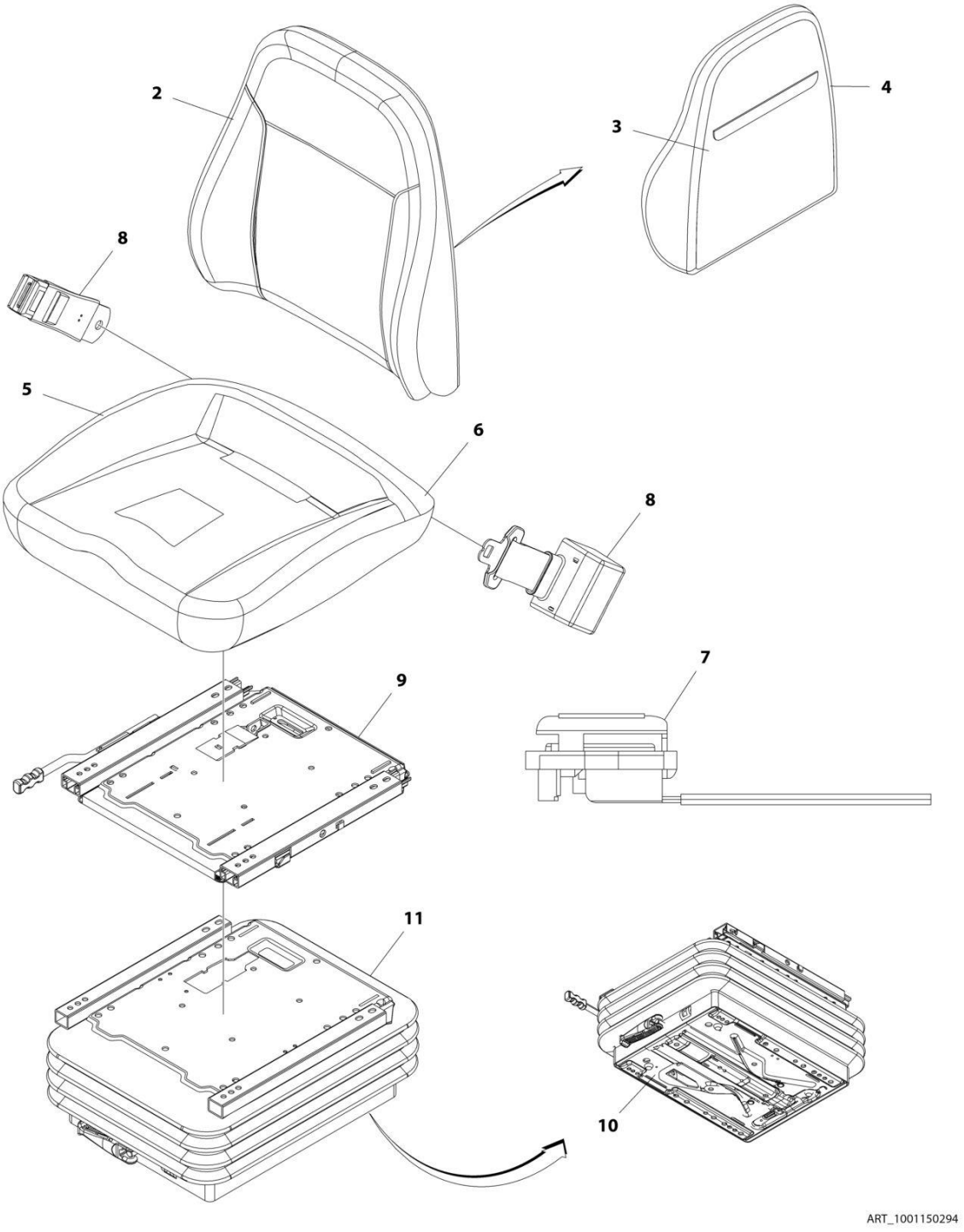
## FIGURE 6-60. SEAT INSTALLATION (CLOTH)



## FIGURE 6-60. SEAT INSTALLATION (CLOTH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158601 | Ref | Seat Installation (Cloth) | E |
| 1 | 0760810 | 8 | Bolt, M8X20 | |
| 2 | 4811900 | 8 | Washer, M8 | |
| 3 | 1001216974 | 1 | Grommet | |
| 5 | 1001119467 | 1 | Headrest, Cloth | |
| 6 | 1001288070 | 1 | Assembly, Seat (See Separate Breakdown in this Section) | |
| 7 | 1001158738C | 1 | Plinth, Seat | |

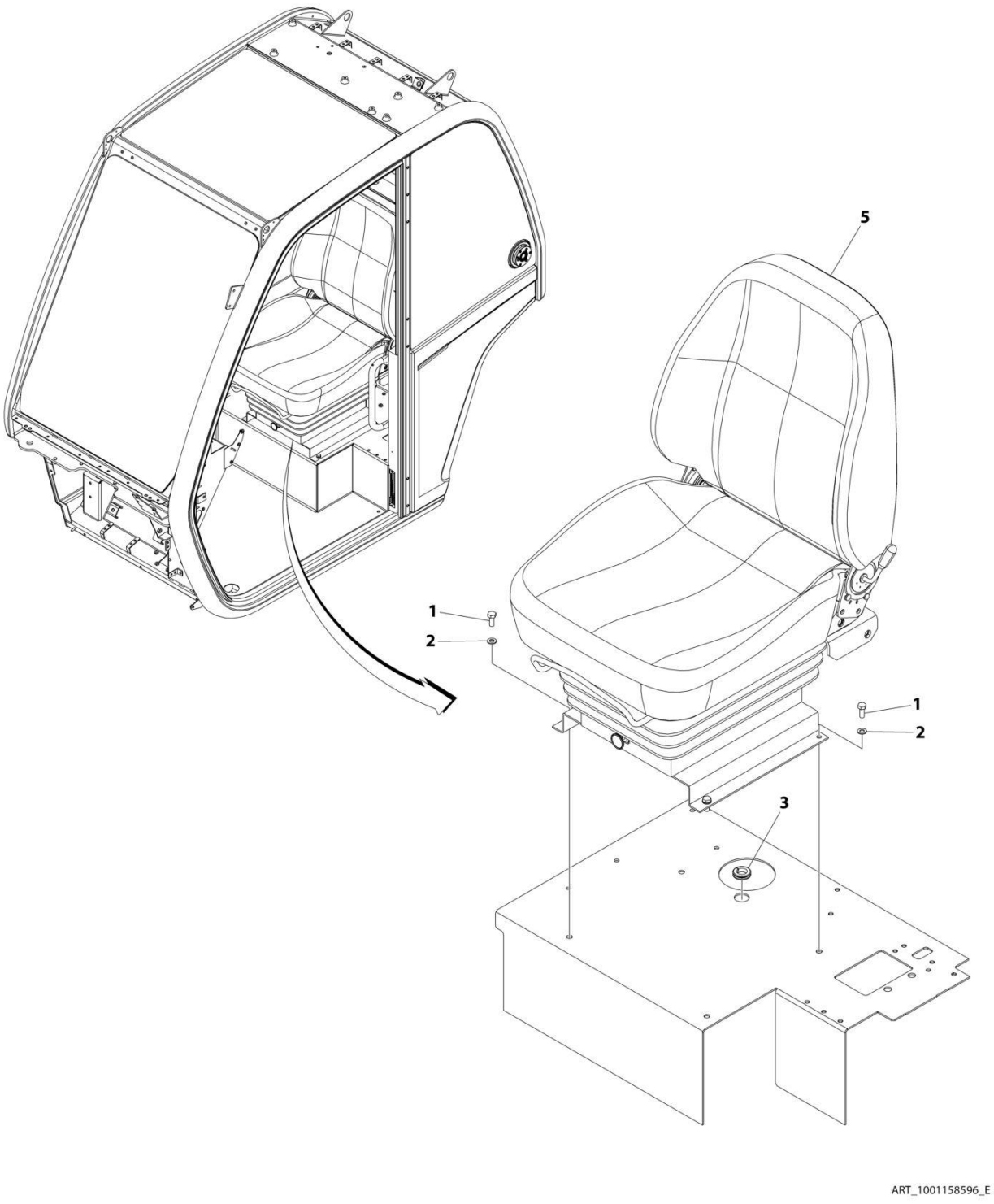
## FIGURE 6-61. SEAT ASSEMBLY



## FIGURE 6-61. SEAT ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150294 | Ref | CLOTH SEAT | F |
| 2 | 70025489 | 1 | Fabric, Upper Seat | |
| 3 | 70025490 | 1 | Cover, Back | |
| 4 | 70025483 | 1 | Foam, Back | |
| 5 | 70025491 | 1 | Cover, Seat | |
| 6 | 70025485 | 1 | Foam, Seat | |
| 7 | 70025486 | 1 | Switch, Contact | |
| 8 | 7029767 | 1 | Belt, Seat | |
| 9 | 70021252 | 1 | Rail, Slide | |
| 10 | 70021251 | 1 | Unit, Suspension | |
| 11 | 70022034 | 1 | Cover, Rubber | |

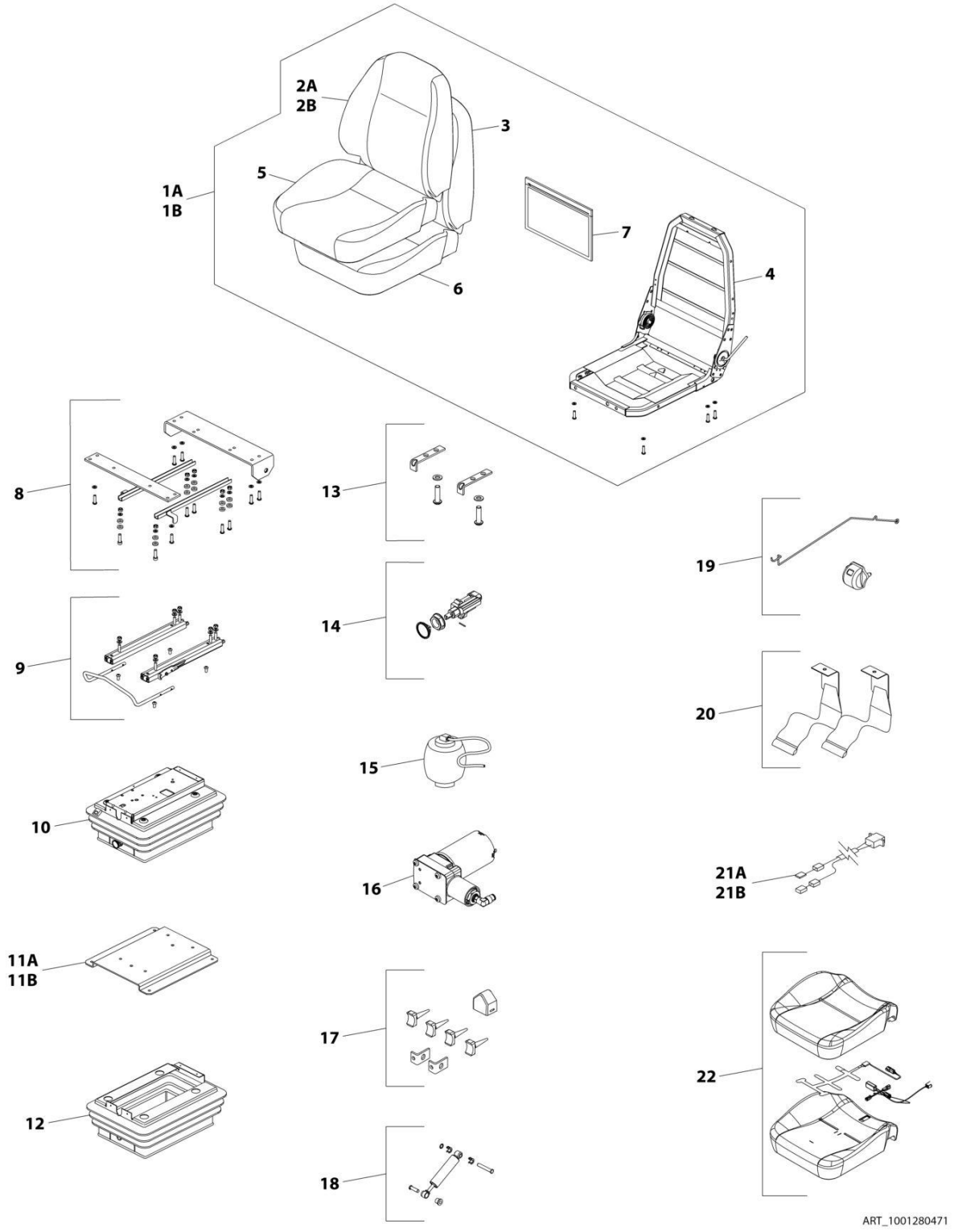
## FIGURE 6-62. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)



## FIGURE 6-62. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158596 | Ref | SEAT INSTALLATION (AIR SUSPENSION - STANDARD) | E |
| 1 | 0760810 | 4 | Bolt, M8X20 | |
| 2 | 4811900 | 4 | Washer, M8 | |
| 3 | 1001216974 | 1 | Grommet | |
| 5 | 1001280471 | 1 | Seat Assembly (See Separate Breakdown in this Section) | |

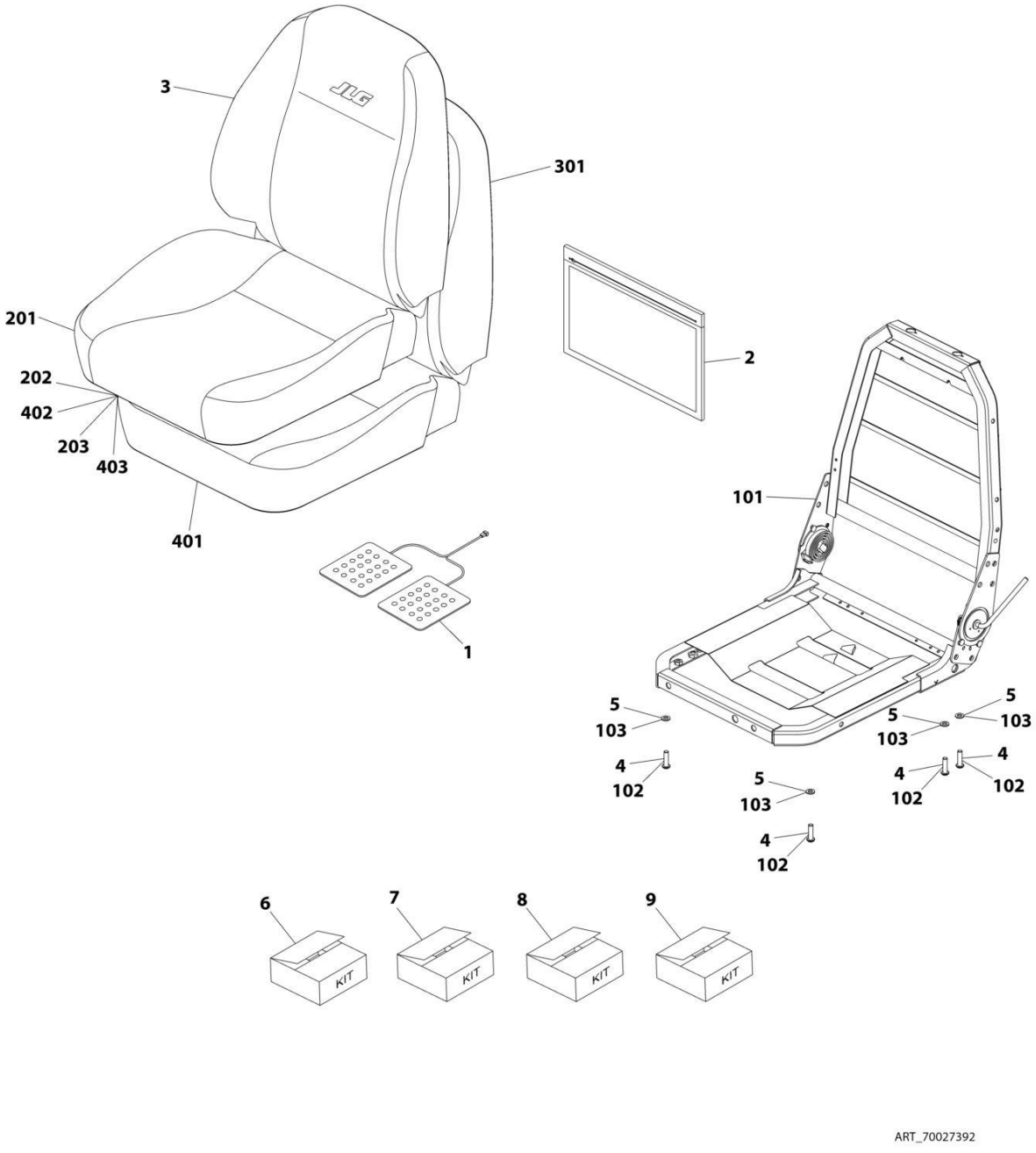
## FIGURE 6-63. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)



## FIGURE 6-63. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001280471 | Ref | SEAT ASSEMBLY (AIR SUSPENSION - STANDARD) | A |
| 1A | 70031050 | 1 | Cushion and Frame Assembly (Without Sensor) (Includes Items 2-7) | |
| 1B | 70031051 | 1 | Cushion and Frame Assembly (With Sensor) (Includes Items 2-7) | |
| 2A | 70027399 | 1 | Fabric, Seat Back (Without Sensor) | |
| 2B | 70031052 | 1 | Fabric, Seat Back (With Sensor) | |
| 3 | 80264002 | 1 | Foam, Seat Back | |
| 4 | 70021314 | 1 | Frame, Seat Bottom and Back | |
| 5 | 70027394 | 1 | Fabric, Seat Bottom | |
| 6 | 80264004 | 1 | Foam, Seat Bottom | |
| 7 | 70021316 | 1 | Document Bag Kit | |
| 8 | 70021317 | 1 | Frame Mount Kit | |
| 9 | 70021318 | 1 | Fore/Aft Side Adjustment Kit | |
| 10 | 70021319 | 1 | Suspension Kit | |
| 11A | 70021320 | 1 | Mounting Plate Kit (16.5mm Height) | |
| 11B | 70027395 | 1 | Mounting Plate Kit (44.5mm Height) | |
| 12 | 70021321 | 1 | Cover, Suspension | |
| 13 | 70021322 | 1 | Side Rail Stop Kit | |
| 14 | 70021323 | 1 | Air Valve Kit | |
| 15 | 70021324 | 1 | Air Spring Kit | |
| 16 | 70021325 | 1 | Compressor Kit | |
| 17 | 70021326 | 1 | Limit Switches Kit | |
| 18 | 70021327 | 1 | Damper Kit | |
| 19 | 70021328 | 1 | Ride Indicator Kit | |
| 20 | 70021329 | 1 | Seatbelts Kit | |
| 21A | 70021330 | 1 | Seat Adapter Harness (Without Sensor) | |
| 21B | 70031053 | 1 | Seat Adapter Harness (With Sensor) | |
| 22 | 70031054 | 1 | Cover/Foam/Sensor Kit (Includes Items 5 & 6) | |

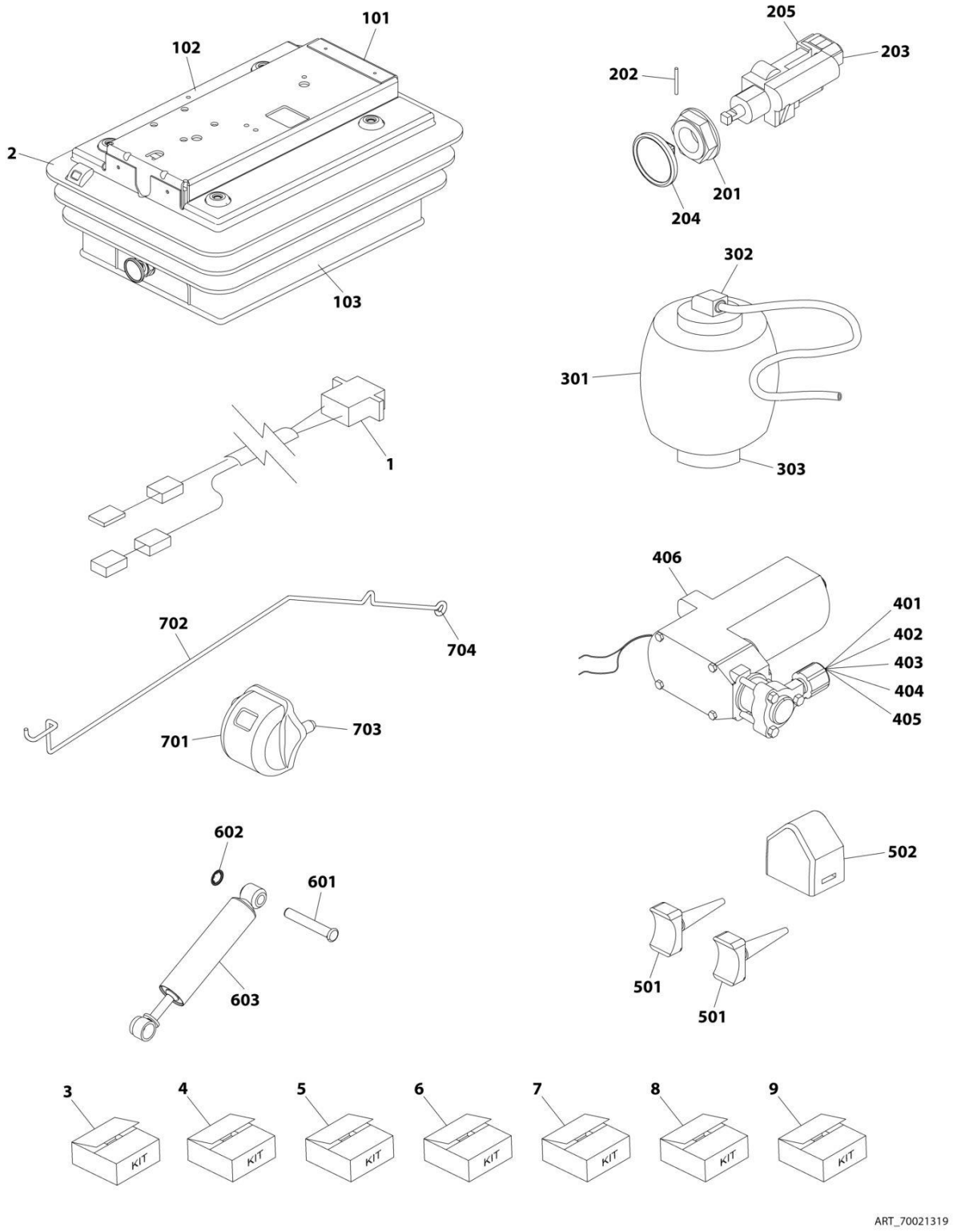
## FIGURE 6-64. UPPER SEAT ASSEMBLY



## FIGURE 6-64. UPPER SEAT ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70027392 | Ref | Upper Seat Assembly | |
| 1 | 70025539 | 1 | Pad, Sensor | |
| 2 | 70021316 | 1 | Bag | |
| 3 | 70027393 | 1 | Cover, Back | |
| 4 | N.S.S. | 4 | Bolt, M8X25 | |
| 5 | N.S.S. | 4 | Washer | |
| 6 | 70021314 | 1 | Kit, Frame (includes items 101 thru 103) | |
| 7 | 70027394 | 1 | Kit, Bottom Seat Cover (includes items 201 thru 203) | |
| 8 | 80264002 | 1 | Kit, Back Foam (includes items 301 thru 303) | |
| 9 | 80264004 | 1 | Kit, Seat Foam (includes items 401 thru 403) | |
| 101 | N.S.S. | 1 | Frame, Seat | |
| 102 | N.S.S. | 4 | Bolt, M8X25 | |
| 103 | N.S.S. | 4 | Washer | |
| 201 | N.S.S. | 1 | Cover, Seat | |
| 202 | N.S.S. | 2 | Clip | |
| 203 | N.S.S. | 17 | Clip | |
| 301 | N.S.S. | 1 | Foam, Back | |
| 302 | N.S.S. | 3 | Bar, Trim | |
| 303 | N.S.S. | 4 | Ring | |
| 401 | N.S.S. | 1 | Foam, Seat | |
| 402 | N.S.S. | 2 | Clip | |
| 403 | N.S.S. | 17 | Clip | |

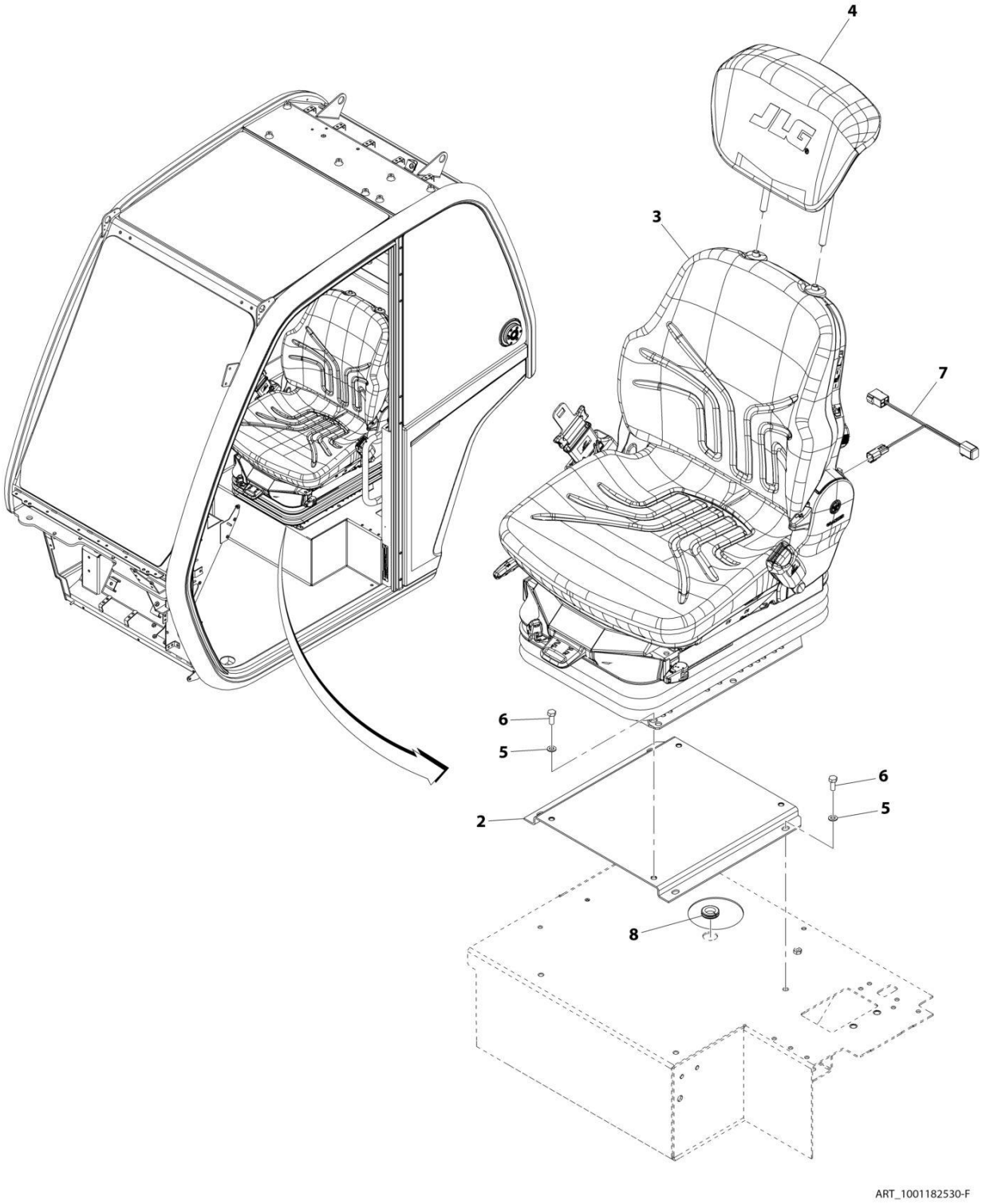
## FIGURE 6-65. SUSPENSION KIT



## FIGURE 6-65. SUSPENSION KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70021319 | Ref | Suspension Kit | |
| 1 | 70021330 | 1 | Lead, Fly | |
| 2 | N.S.S. | 1 | Suspension | |
| 3 | 70021321 | 1 | Kit, Suspension Cover (includes items 101 thru 103) | |
| 4 | 70021323 | 1 | Kit, Air Valve (includes items 201 thru 205) | |
| 5 | 70021324 | 1 | Kit, Air Spring (includes items 301 thru 303) | |
| 6 | 70021325 | 1 | Kit, Compressor (includes items 401 thru 406) | |
| 7 | 70021326 | 1 | Kit, Upstop/Bumpstop (includes items 501 & 502) | |
| 8 | 70021327 | 1 | Kit, Damper (includes items 601 thru 603) | |
| 9 | 70021328 | 1 | Kit, Ride Indicator (includes items 701 thru 704) | |
| 101 | N.S.S. | 6 | Clip, Cover | |
| 102 | N.S.S. | 1 | Cover, Suspension | |
| 103 | N.S.S. | 5 | Clip, Cover | |
| 201 | N.S.S. | 1 | Nut, Air Valve | |
| 202 | N.S.S. | 1 | Pin, Retaining | |
| 203 | N.S.S. | 1 | Valve, Combination | |
| 204 | N.S.S. | 1 | Knob | |
| 205 | N.S.S. | 2 | Tie, Plastic | |
| 301 | N.S.S. | 1 | Spring, Air | |
| 302 | N.S.S. | 1 | Clip | |
| 303 | N.S.S. | 1 | Screw, Countersunk Self Tapping | |
| 401 | N.S.S. | 1 | Clip | |
| 402 | N.S.S. | 1 | Pad | |
| 403 | N.S.S. | 1 | Loom | |
| 404 | N.S.S. | 2 | Tie, Cable | |
| 405 | N.S.S. | 3 | Tie, Plastic | |
| 406 | N.S.S. | 1 | Compressor (with Elbow) | |
| 501 | N.S.S. | 2 | Upstop | |
| 502 | N.S.S. | 1 | Bumpstop | |
| 601 | N.S.S. | 2 | Pin | |
| 602 | N.S.S. | 2 | Washer, Starlock | |
| 603 | N.S.S. | 1 | Damper | |
| 701 | N.S.S. | 1 | Indicator, Ride | |
| 702 | N.S.S. | 1 | Wire, Ride Indicator | |
| 703 | N.S.S. | 2 | Washer, Starlock | |
| 704 | N.S.S. | 1 | Washer, Grip M4 | |

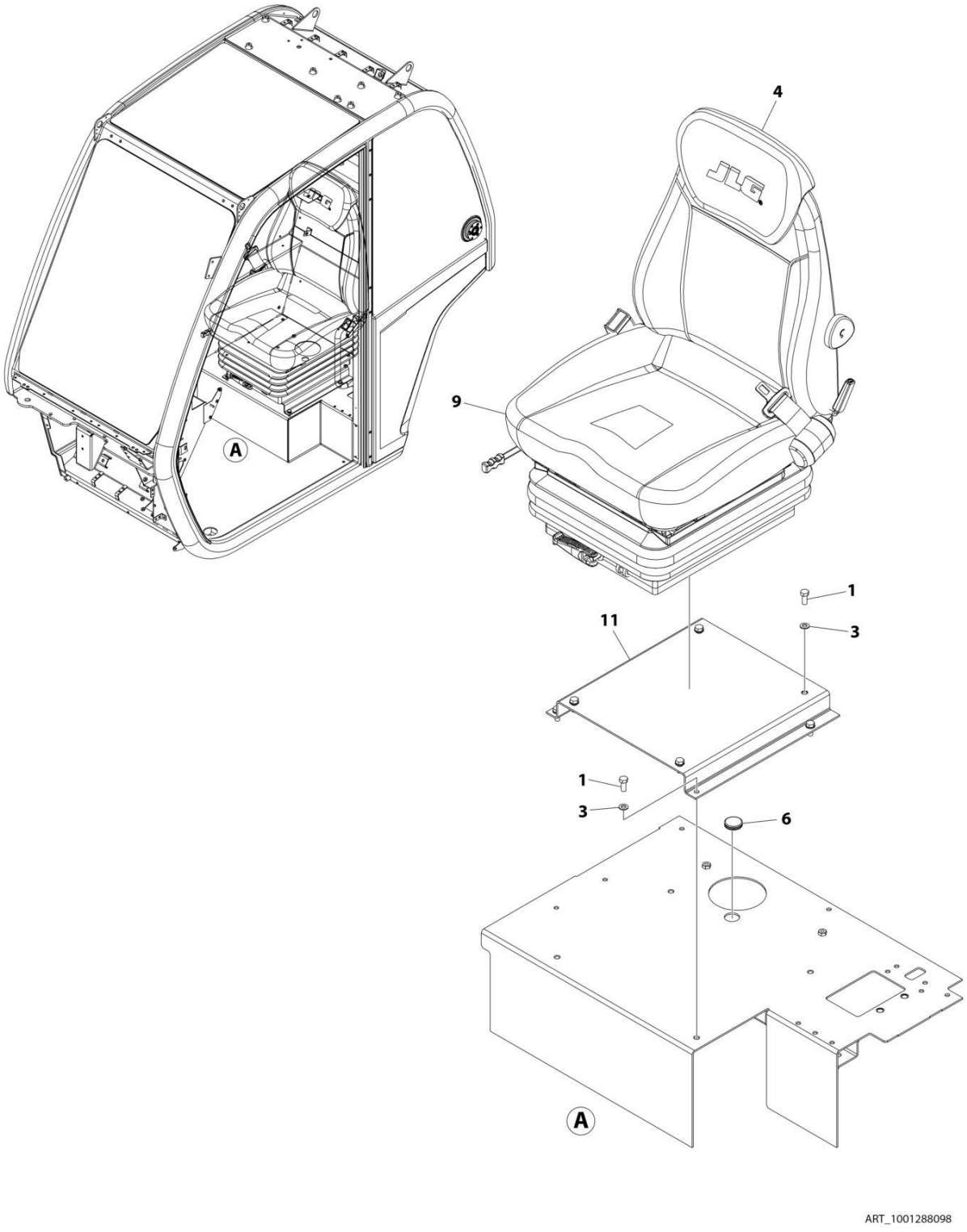
## FIGURE 6-66. SEAT INSTALLATION (AIR SUSPENSION - PREMIUM)



## FIGURE 6-66. SEAT INSTALLATION (AIR SUSPENSION - PREMIUM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182530 | Ref | Seat Installation (Air Suspension - Premium) | F |
| 2 | 1001158736C | 1 | Plinth, Seat | |
| 3 | 1001169135 | 1 | Assembly, Seat (See Separate Breakdown in this Section) | |
| 4 | 1001182529 | 1 | Headrest | |
| 5 | 4811900 | 8 | Washer, M8 | |
| 6 | 0760810 | 8 | Bolt, M8X20 | |
| 7 | 1001168531 | 1 | Harness, Seat Adaptor (See Separate Breakdown in ELECTRICAL Section) | |
| 8 | 1001216974 | 1 | Grommet | |

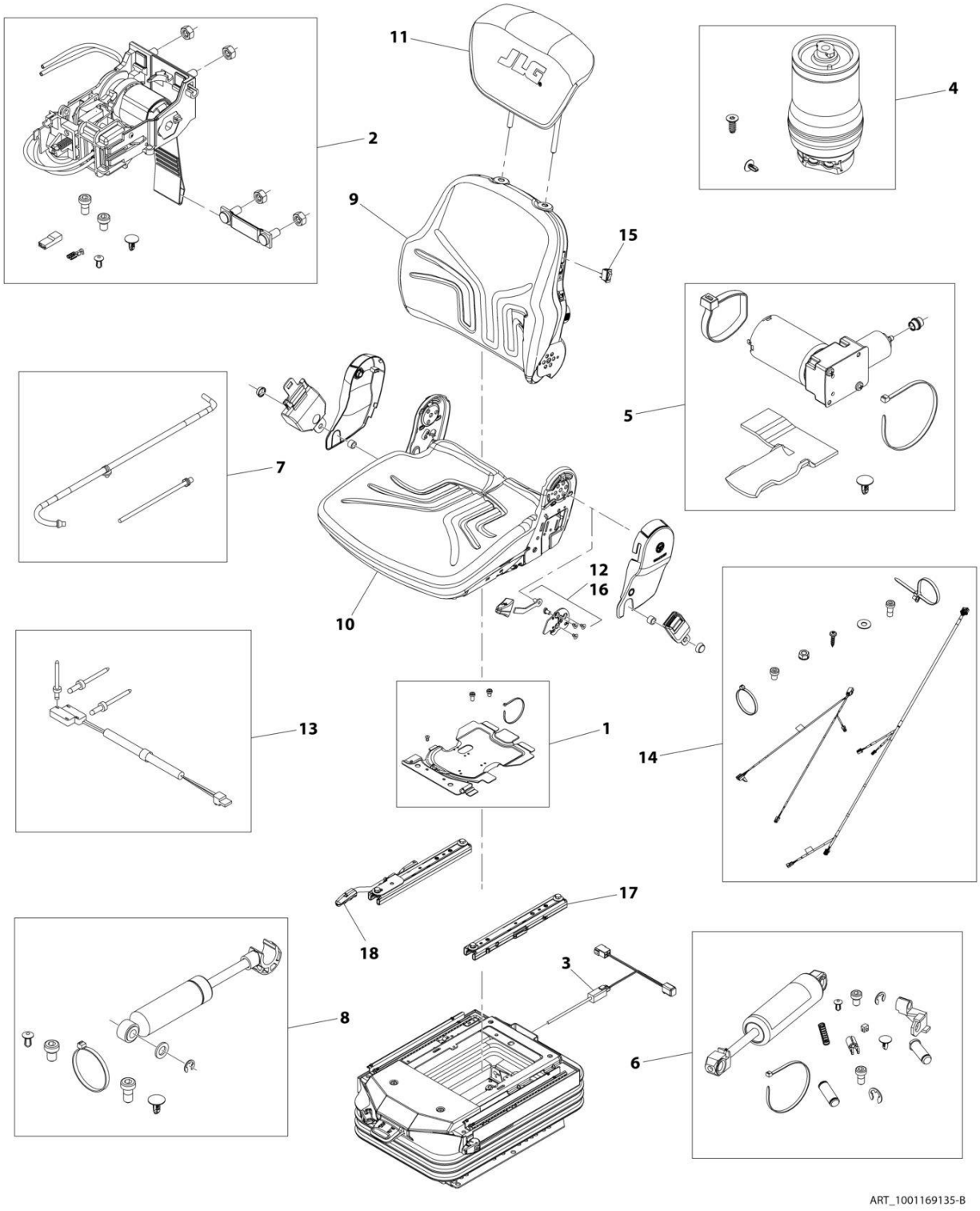
## FIGURE 6-67. SEAT INSTALLATION (CLOTH) (SEAOP)



## FIGURE 6-67. SEAT INSTALLATION (CLOTH) (SEAOP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001288098 | Ref | SEAT INSTALLATION (CLOTH) (SEAOP) | A |
| 1 | 0760810 | 8 | Bolt M8 x 20 | |
| 3 | 4811900 | 8 | Washer M8 | |
| 4 | 1001119467 | 1 | Headrest, Cloth | |
| 6 | 1001196076 | 1 | Cap | |
| 7 | 1001266488 | 1 | Lamp, LED (Red) (Not Shown) | |
| 8 | 1001268744 | 1 | Seat Belt Alarm Harness (See Separate Breakdown in ELECTICAL Section) (Not Shown) | |
| 9 | 1001288070 | 1 | Seat Assembly (See Separate Breakdown in this Section) | |
| 11 | 1001158738C | 1 | Plinth, Seat | |

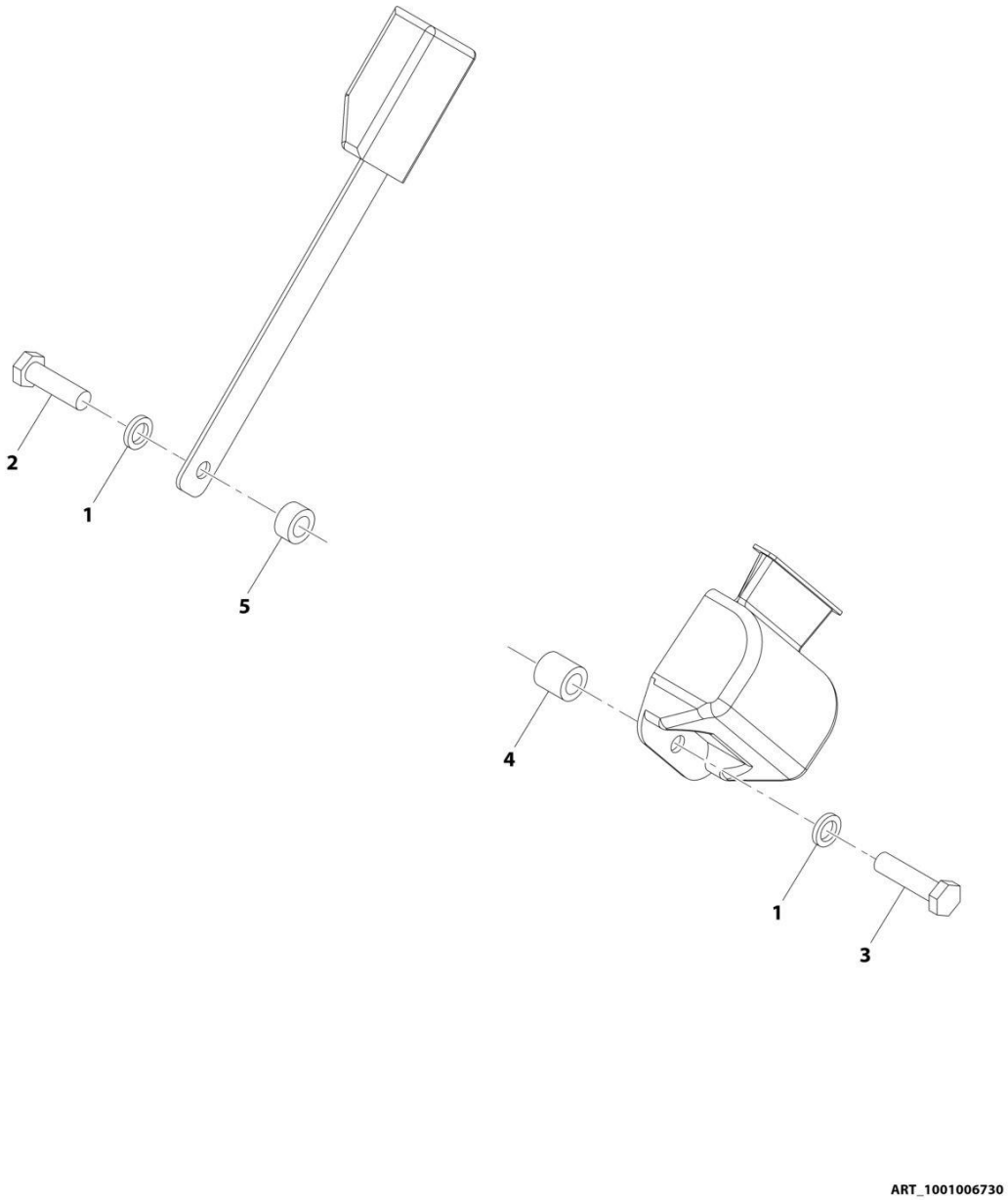
## FIGURE 6-68. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)



## FIGURE 6-68. SEAT ASSEMBLY (AIR SUSPENSION - PREMIUM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169135 | Ref | Seat Assembly (Air Suspension - Premium) | B |
| 1 | 70024856 | 1 | Cover | |
| 2 | 70023182 | 1 | Control Level Kit | |
| 3 | 70023186 | 1 | Wiring Harness, Air/Safeswitch | |
| 4 | 70023184 | 1 | Air Spring Kit | |
| 5 | 70024857 | 1 | Compressor, 12V | |
| 6 | 70023181 | 1 | Shock Absorber Kit | |
| 7 | 70024459 | 1 | Air Tubes Kit | |
| 8 | 70023189 | 2 | Shock Absorber Kit | |
| 9 | 70023179 | 1 | Back Cushion Kit | |
| 10 | 70024858 | 1 | Seat Cushion Kit | |
| 11 | 1001182529 | 1 | Headrest, Cloth | |
| 12 | 70024859 | 1 | Backrest Actuator | |
| 13 | 70028326 | 1 | Switch | |
| 14 | 70024861 | 1 | Wiring Harness | |
| 15 | 70024107 | 1 | Switch, Heater | |
| 16 | 7028621 | 1 | Handle, Backrest Angle Adjust | |
| 17 | 3986643 | 1 | Adjust Slide Kit | |
| 18 | 3986610 | 1 | Handle | |

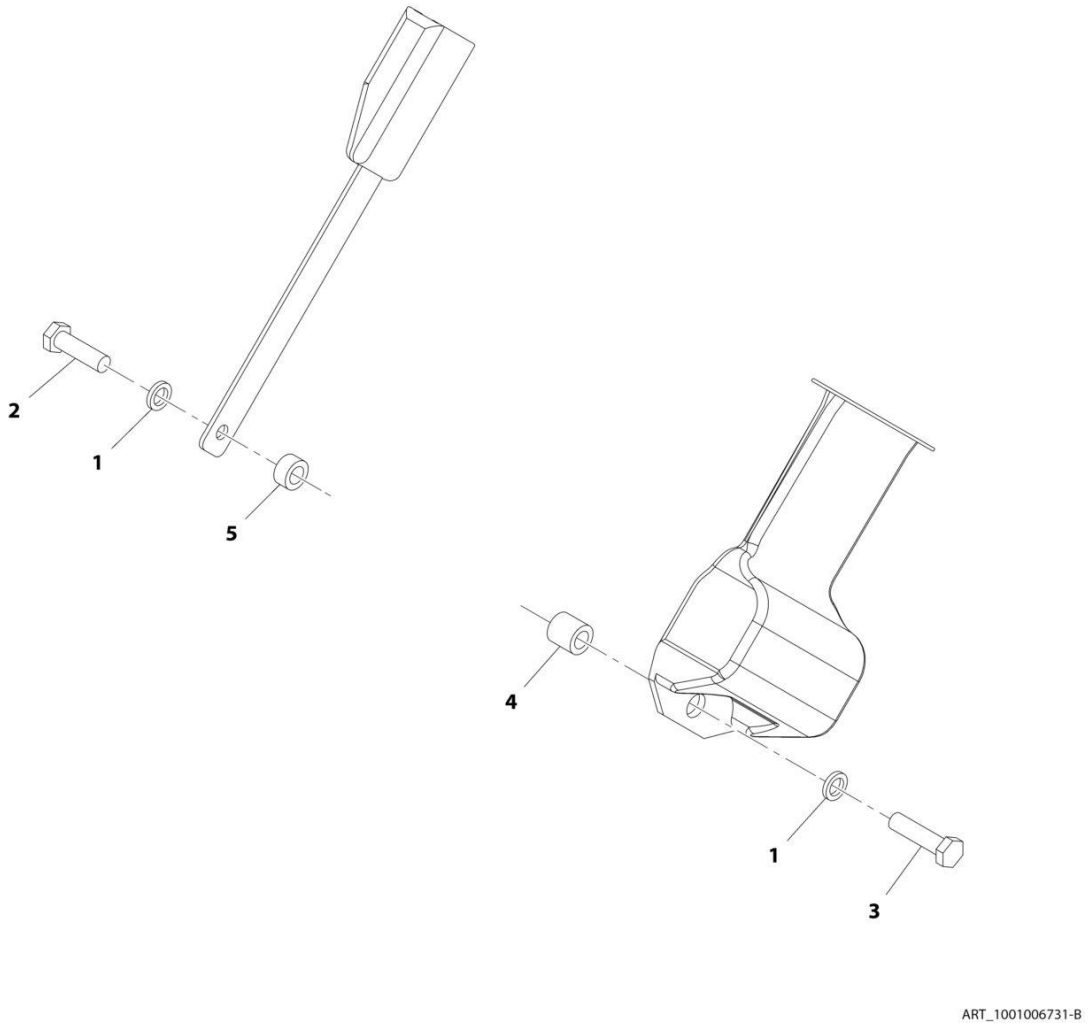
## FIGURE 6-69. SEAT BELT INSTALLATION (2IN)



## FIGURE 6-69. SEAT BELT INSTALLATION (2IN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001006730 | Ref | Seat Belt Installation (2IN) | H |
| 1 | 1001010646 | 2 | Washer | |
| 2 | 1001010647 | 1 | Bolt | |
| 3 | 1001010648 | 1 | Bolt | |
| 4 | 1001010649 | 1 | Spacer, Shim | |
| 5 | 1001010650 | 1 | Spacer, Shim | |

## FIGURE 6-70. SEAT BELT INSTALLATION (3IN)

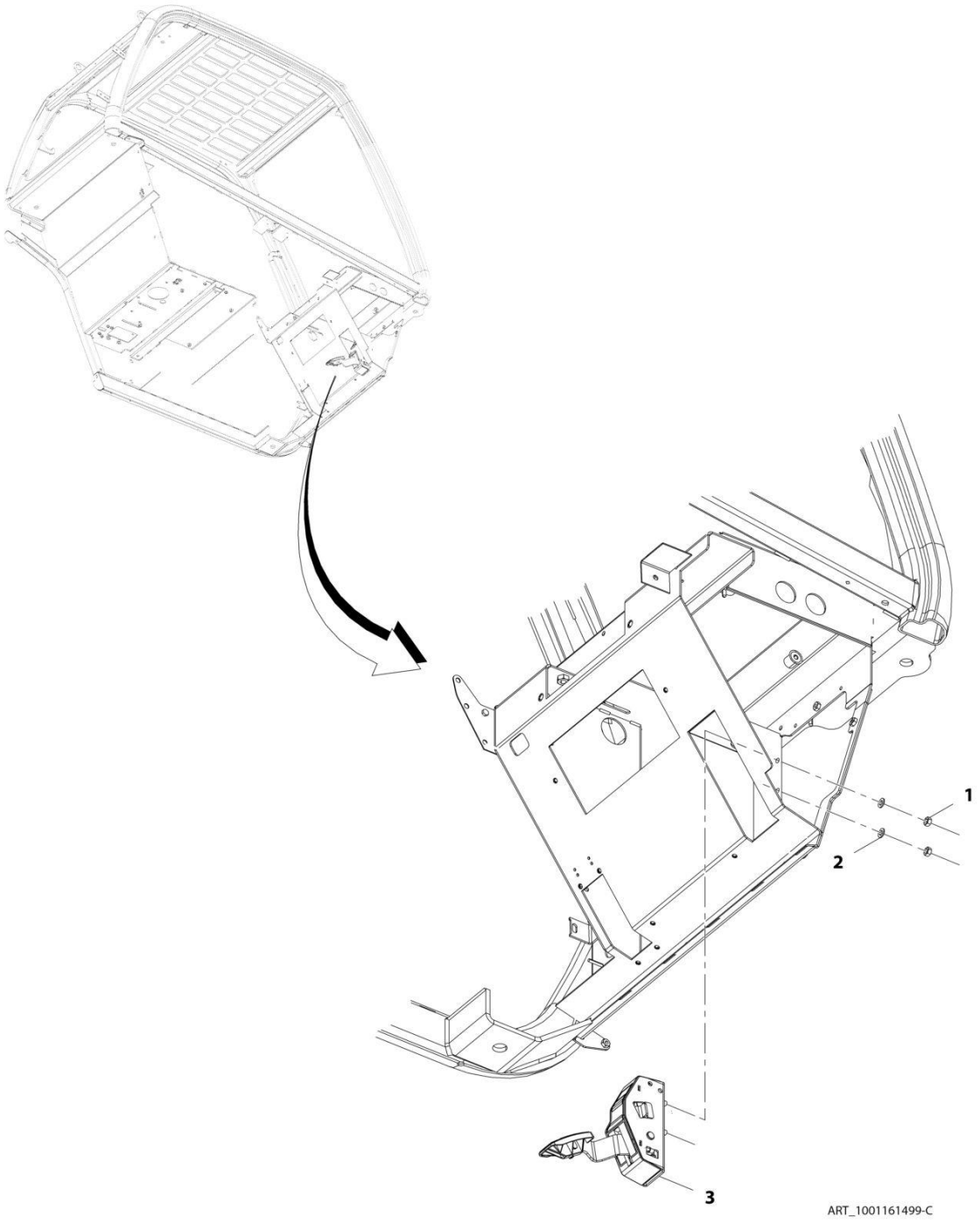


## FIGURE 6-70. SEAT BELT INSTALLATION (3IN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001006731 | Ref | Seat Belt Installation (3IN) | B |
| 1 | 1001010646 | 2 | Washer | |
| 2 | 1001010647 | 1 | Bolt | |
| 3 | 1001010648 | 1 | Bolt | |
| 4 | 1001010649 | 1 | Spacer | |
| 5 | 1001010650 | 1 | Spacer | |

# SECTION 7 - CONTROLS

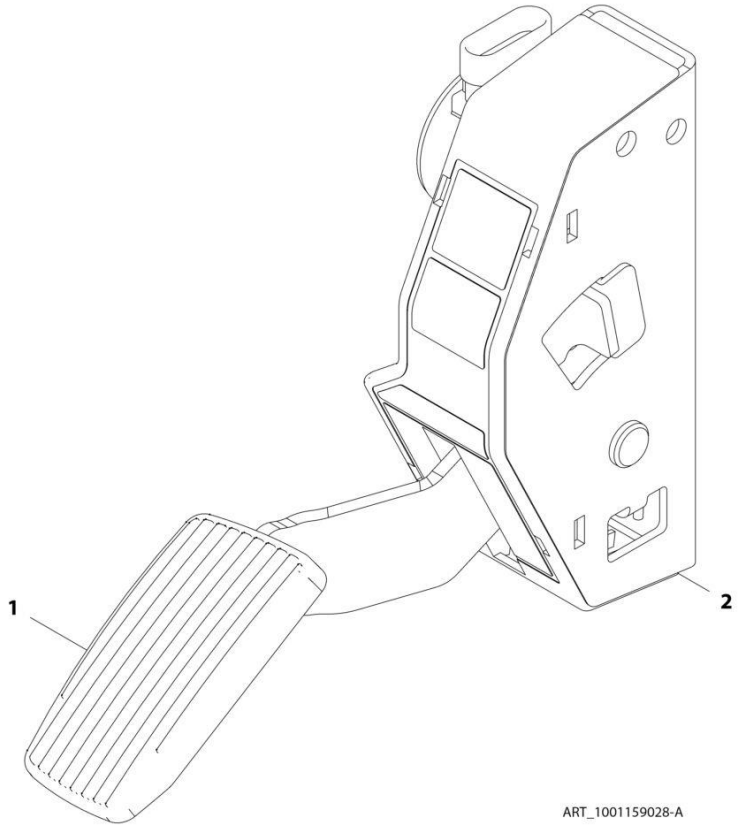
## FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION



## FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001161499 | Ref | Accelerator Pedal Installation | C |
| 1 | 3290801 | 2 | Nut, M8X1.25 | |
| 2 | 4811900 | 2 | Washer, M8 | |
| 3 | 1001159028 | 1 | Pedal, Accelerator (See Separate Breakdown in this Section) | |

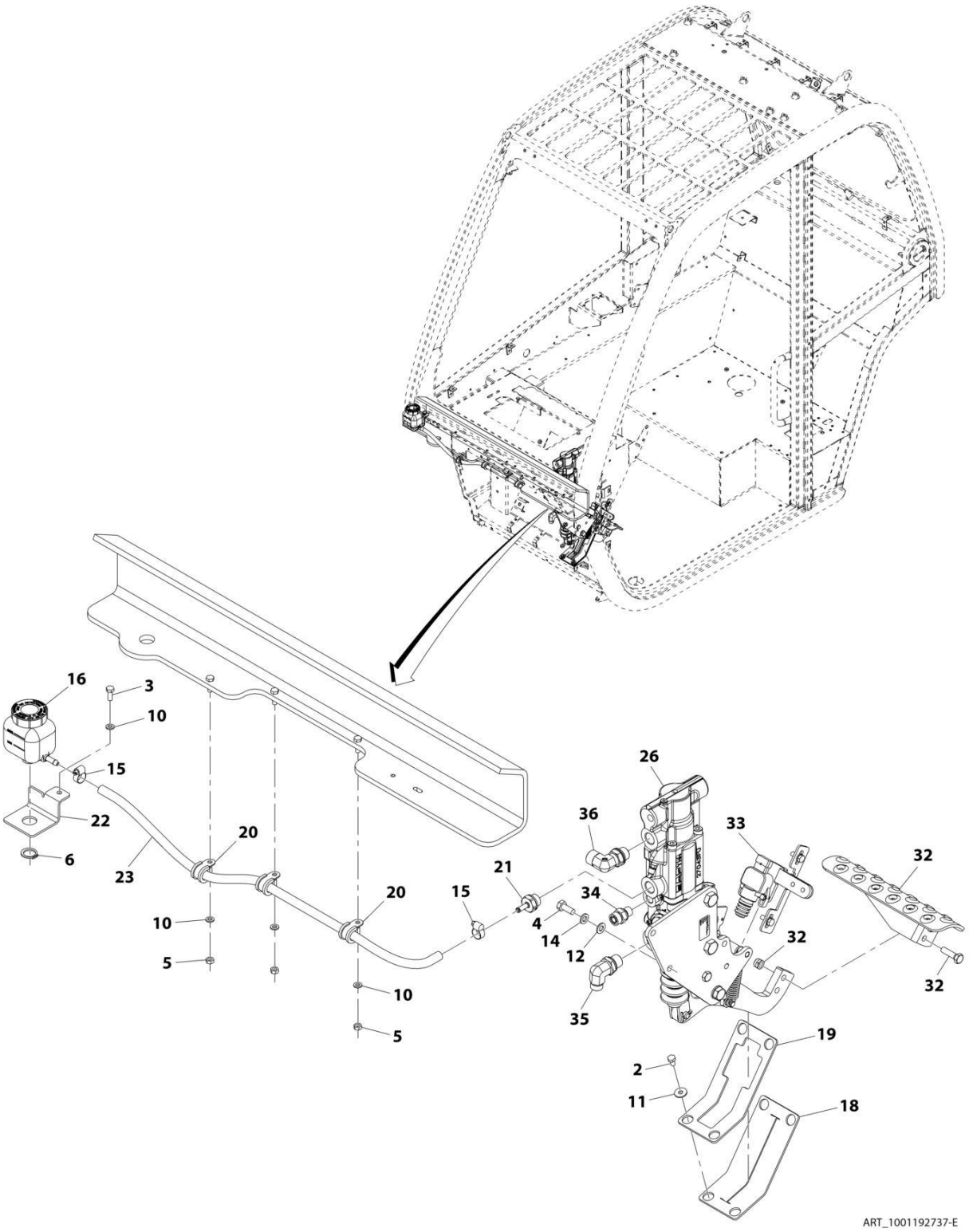
**FIGURE 7-2. ACCELERATOR PEDAL**



## FIGURE 7-2. ACCELERATOR PEDAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001159028 | Ref | Accelerator Pedal | A |
| 1 | 70025816 | 1 | Pad, Rubber | |
| 2 | 70025817 | 1 | Cover, Rubber | |

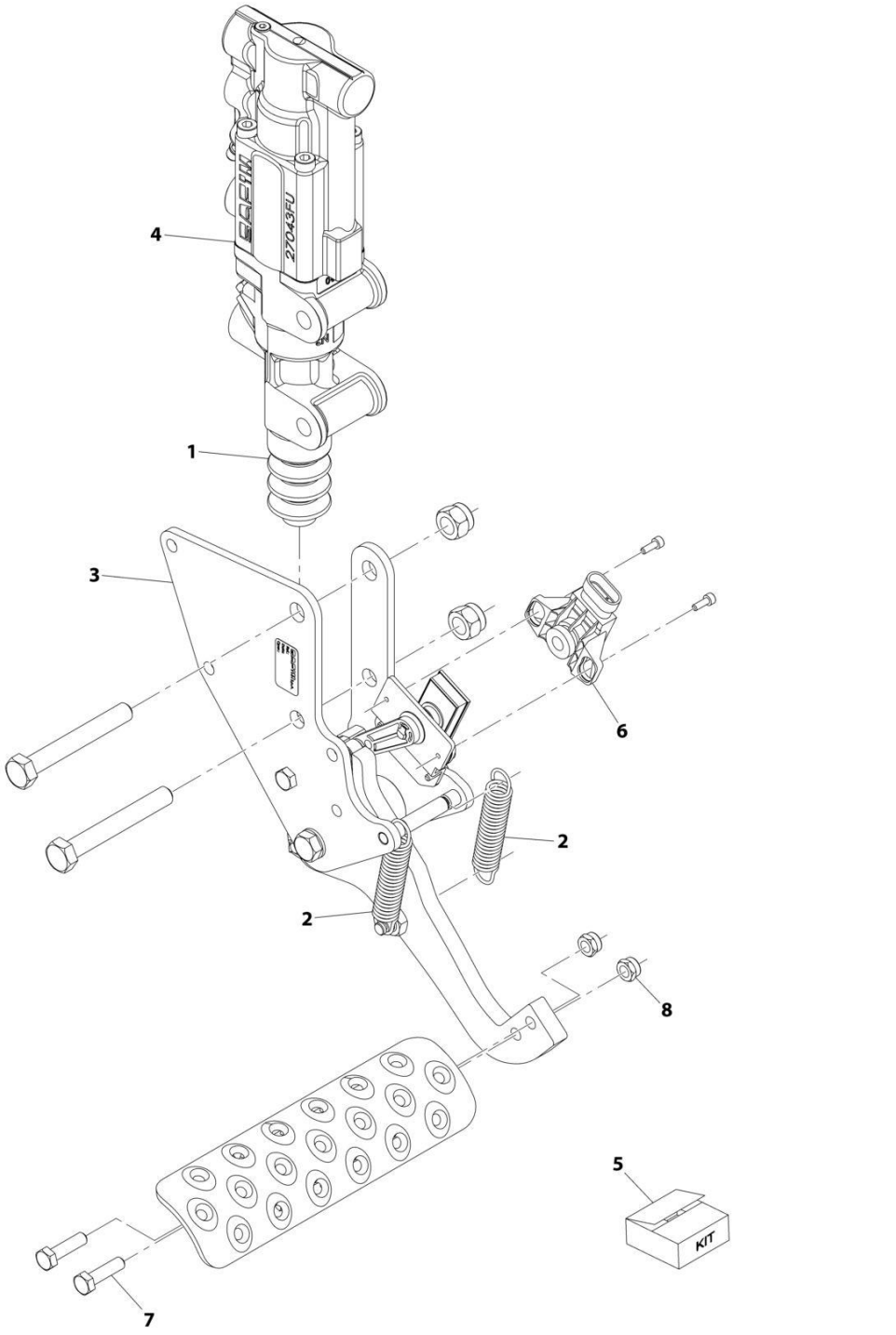
## FIGURE 7-3. BRAKE PEDAL INSTALLATION



## FIGURE 7-3. BRAKE PEDAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192737 | Ref | Brake Pedal Installation | E |
| 2 | 0760605 | 4 | Bolt, M6X10 | |
| 3 | 0760608 | 1 | Bolt, M6X16 | |
| 4 | 0760810 | 3 | Bolt, M8X20 | |
| 5 | 3290601 | 3 | Nut, M6X1 | |
| 6 | 3760348 | 1 | Ring, Retaining | |
| 10 | 4811700 | 4 | Washer, M6 | |
| 11 | 4811702 | 4 | Washer, M6 | |
| 12 | 4811900 | 3 | Washer, M8 | |
| 14 | 4831900 | 3 | Washer, Lock M8 | |
| 15 | 8405009 | 2 | Clamp | |
| 16 | 1001214220 | 1 | Reservoir, Brake | |
| 18 | 1001162920 | 1 | Seal | |
| 19 | 1001162922 | 1 | Plate | |
| 20 | 1001170231 | 3 | Clip | |
| 21 | 1001171874 | 1 | Fitting, Straight | |
| 22 | 1001172088 | 1 | Bracket | |
| 23 | 1001172094 | 1 | Hose | |
| 26 | 1001213265 | 1 | Assembly, Brake Pedal (See Separate Breakdown in this Section) | |
| 32 | 1001197139 | 1 | Plate, Brake Pedal | |
| 33 | 1001205061 | Ref | Installation, Brake Sensor (See Separate Breakdown in this Section) | |
| 34 | 80233218 | 1 | Fitting, Straight ORFS | |
| 35 | 80333151 | 1 | Fitting, 90 ORFS | |
| 36 | 1001168054 | 1 | Fitting, 90 ORFS | |

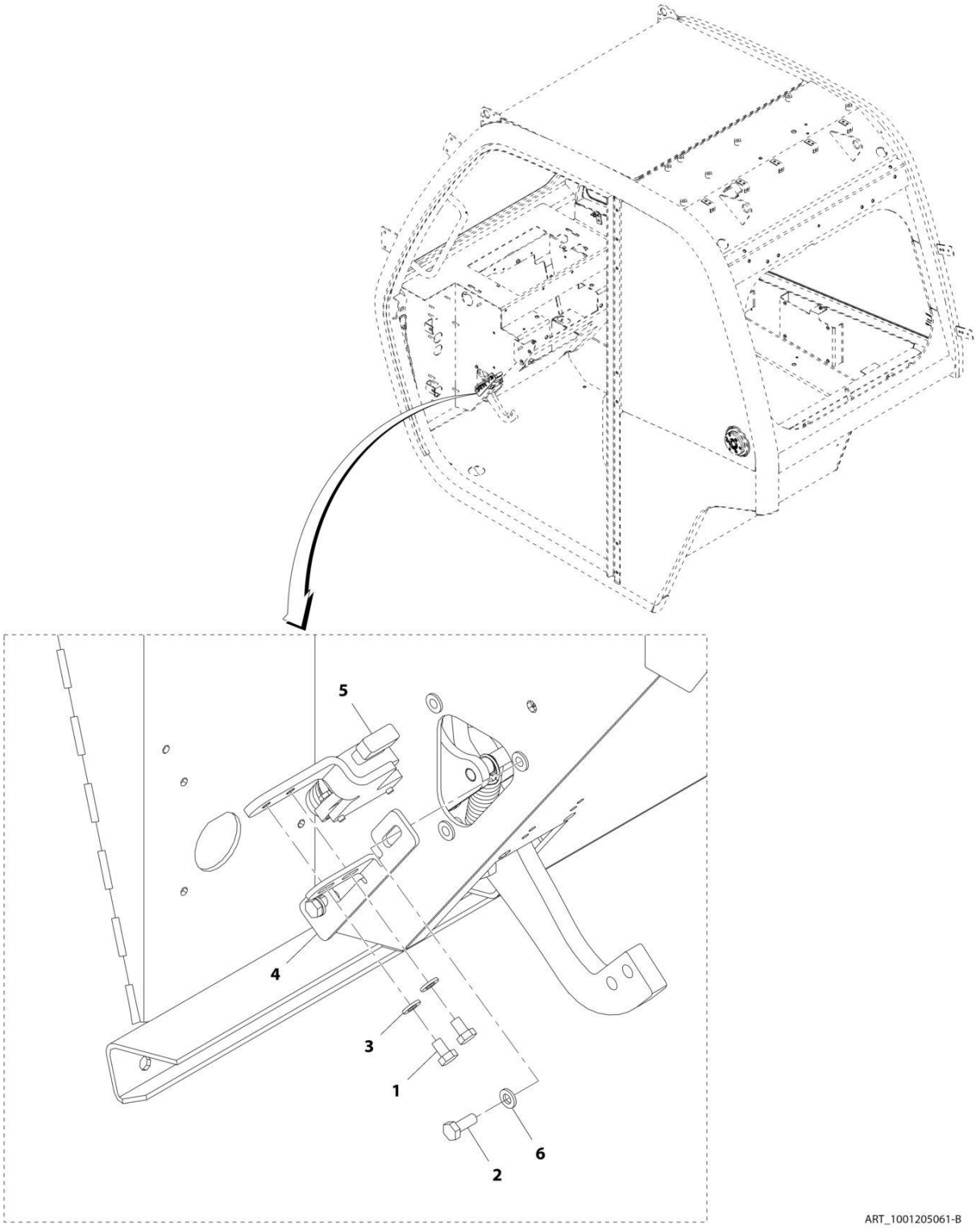
## FIGURE 7-4. BRAKE PEDAL ASSEMBLY



## FIGURE 7-4. BRAKE PEDAL ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213265 | Ref | Brake Pedal Assembly | A |
| 1 | 70025859 | 1 | Cover, Dust | |
| 2 | 70025860 | 2 | Spring, Return | |
| 3 | 70028381 | 1 | Support, Pedal | |
| 4 | 70028382 | 1 | Cylinder, Master | |
| 5 | 70026434 | 1 | Kit, Seal | |
| 6 | 70028383 | 1 | Sensor, Angle | |
| 7 | 0770814 | 2 | Bolt, M8X30 Grade 10.9 | |
| 8 | 3290805 | 2 | Nut, Lock M8X1.25 Grade 8 | |

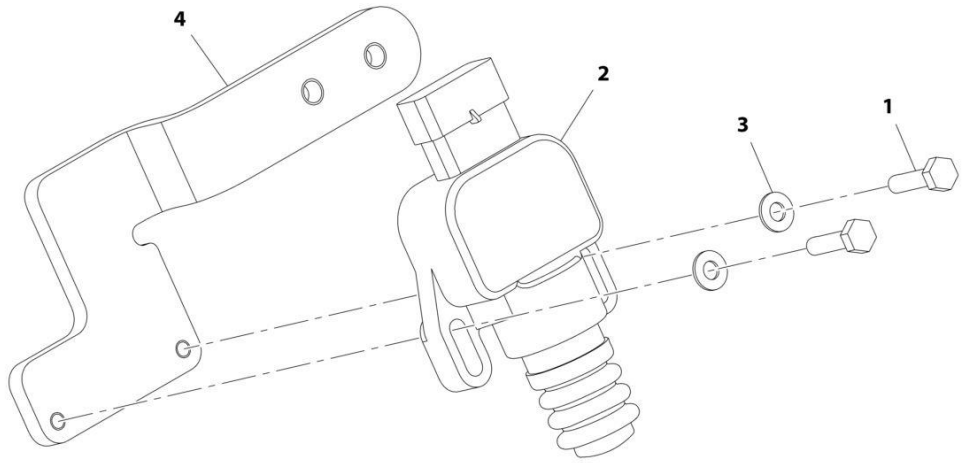
## FIGURE 7-5. BRAKE SENSOR INSTALLATION



## FIGURE 7-5. BRAKE SENSOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001205061 | Ref | Brake Sensor Installation | B |
| 1 | 0760605 | 2 | Bolt, M6X10 | |
| 2 | 0760608 | 2 | Bolt, M6X16 | |
| 3 | 4811700 | 2 | Washer, M6 | |
| 4 | 1001201499 | 1 | Plate, Switch Adjustment | |
| 5 | 1001201501 | 1 | Assembly, Switch Plate (See Separate Breakdown in this Section) | |
| 6 | 4811702 | 2 | Washer, M6 | |

## FIGURE 7-6. SWITCH PLATE ASSEMBLY

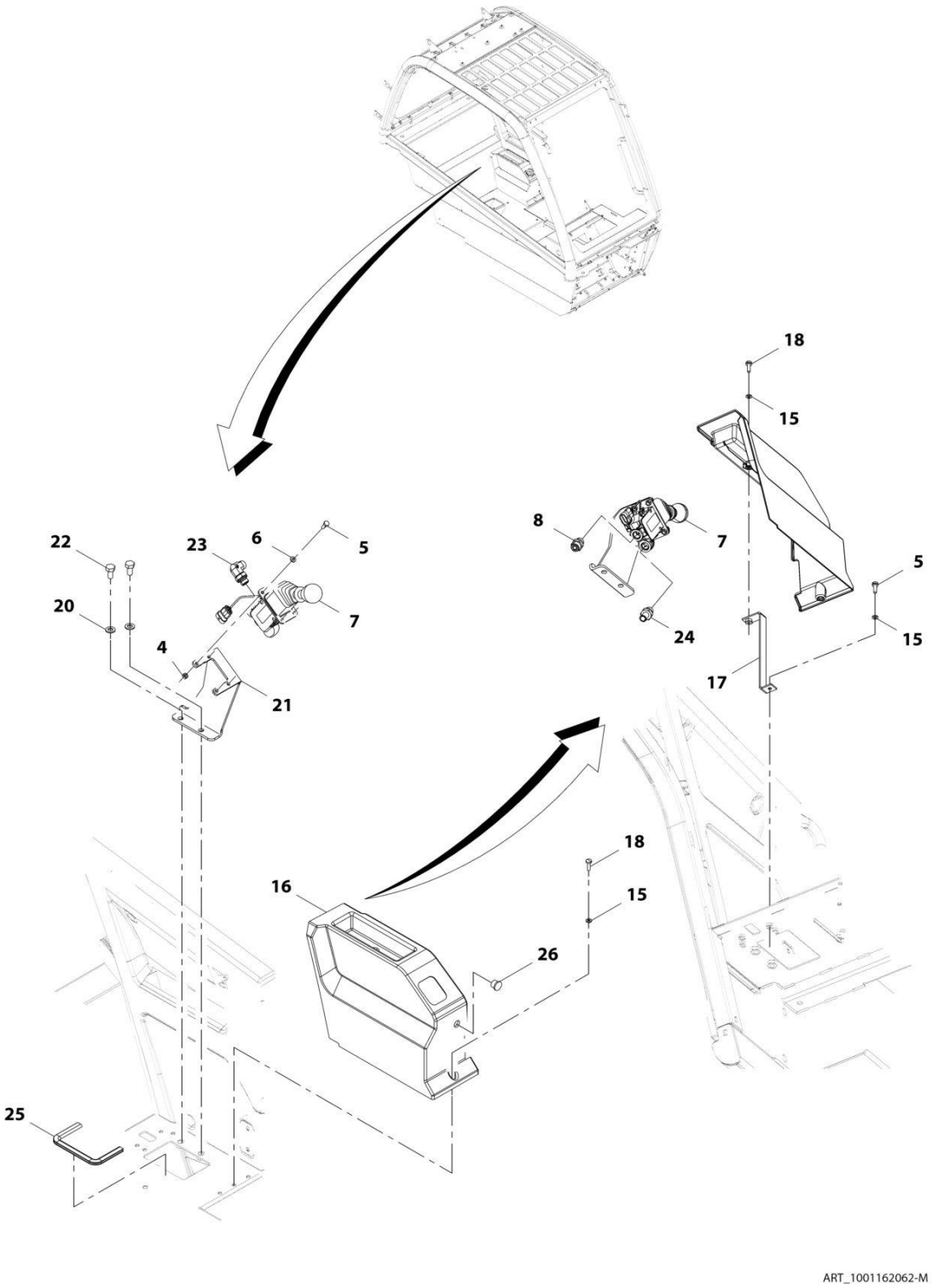



ART_1001201501-A

## FIGURE 7-6. SWITCH PLATE ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201501 | Ref | Switch Plate Assembly | A |
| 1 | 0700408 | 2 | Bolt, M4X16 | |
| 2 | 4360658 | 1 | Sensor, Brake | |
| 3 | 4811400 | 2 | Washer, M4 | |
| 4 | 1001201500 | 1 | Plate | |

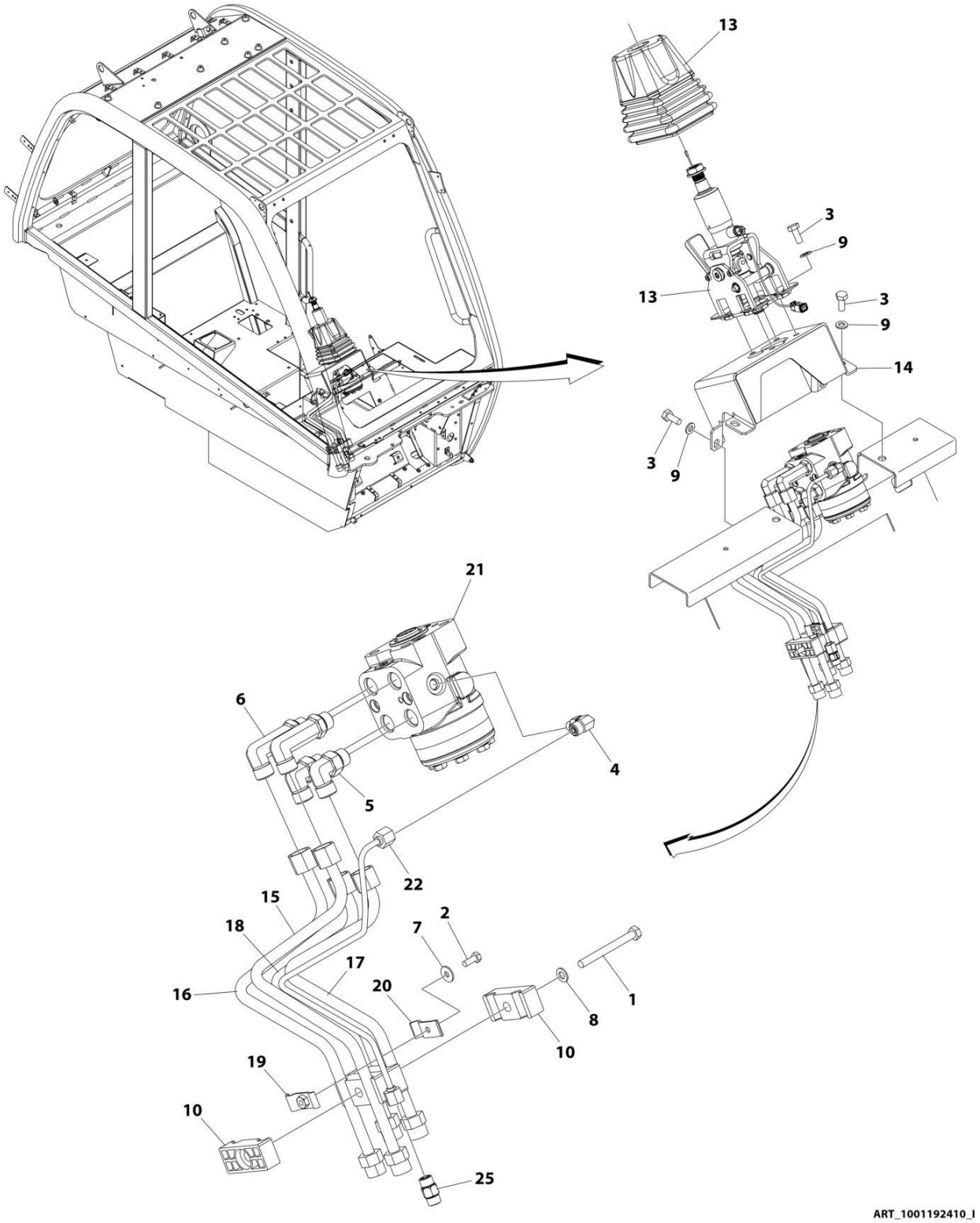
## FIGURE 7-7. PARK BRAKE INSTALLATION



## FIGURE 7-7. PARK BRAKE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001162062 | Ref | Park Brake Installation | M |
| 4 | 3290601 | 4 | Nut, M6X1 | |
| 5 | 0760608 | 5 | Bolt, M6X16 | |
| 6 | 4831700 | 4 | Washer, Lock M6 | |
| 7 | 1001207956 | 1 | Hydraulic Hand Brake | |
| 7 | 70020922 | 1 | Kit, Seal | |
| 8 | 1001101702 | 1 | Fitting, Straight ORFS | |
| 15 | 4811700 | 3 | Washer, M6 | |
| 16 | 1001193474 | 1 | Panel | |
| 17 | 1001195254 | 1 | Bracket | |
| 18 | 4010610002 | 2 | Screw, M6X20 | |
| 20 | 4812000 | 2 | Washer, M10 | |
| 21 | 1001191915 | 1 | Bracket | |
| 22 | 0761010 | 2 | Bolt, M10X20 | |
| 23 | 1001125222 | 1 | Fitting, 90 ORFS | |
| 24 | 1001206744 | 1 | Fitting, Grease | |
| 25 | 1001208037 | 1 | Seal | |
| 26 | 3520028 | 1 | Plug | |

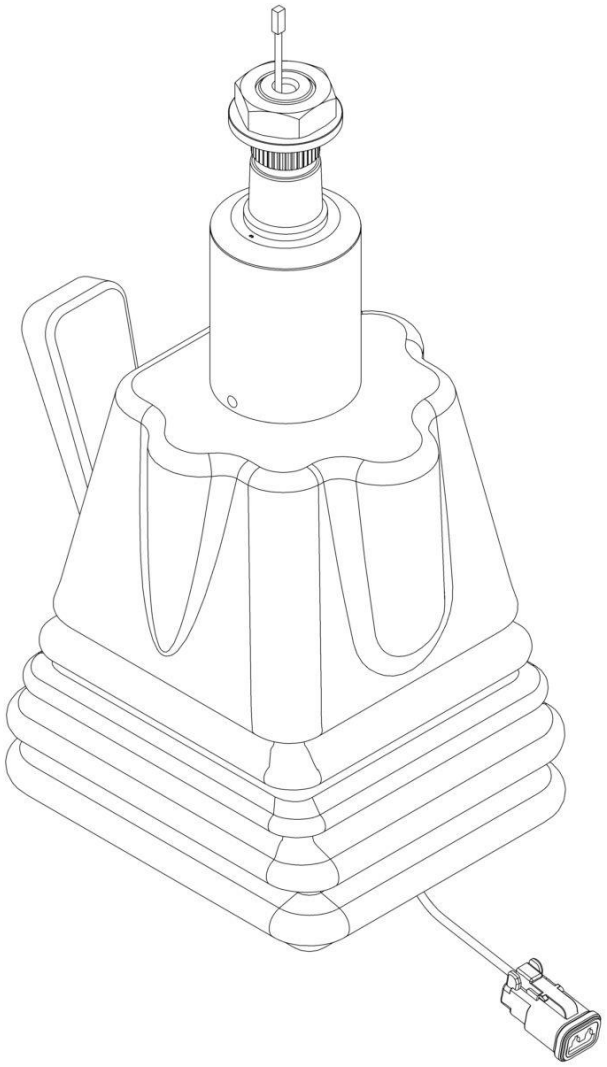
## FIGURE 7-8. TILT STEERING COLUMN INSTALLATION



## FIGURE 7-8. TILT STEERING COLUMN INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192410 | Ref | Tilt Steering Column Installation | I |
| 1 | 0700824 | 1 | Bolt M8 x 80 | |
| 2 | 0760608 | 1 | Bolt M6 x 16 | |
| 3 | 0761012 | 8 | Bolt M10 x 25 | |
| 4 | 2130404 | 1 | Fitting, 90 ORFS | |
| 5 | 2130808 | 2 | Fitting, 90 ORFS | |
| 6 | 2170208 | 2 | Fitting, 90 ORFS | |
| 7 | 4811702 | 1 | Washer M6 | |
| 8 | 4811900 | 1 | Washer M8 | |
| 9 | 4812000 | 8 | Washer M10 | |
| 10 | 1001004640 | 4 | Clamp | |
| 11 | 1001095650 | AR | Adhesive (Not Shown) | |
| 13 | 1001257330 | 1 | Column, Tilt Steering (See Separate Breakdown in this Section) | |
| 14 | 1001156265 | 1 | Bracket, Support | |
| 15 | 1001161672 | 1 | Pipe | |
| 16 | 1001161896 | 1 | Pipe | |
| 17 | 1001161897 | 1 | Pipe | |
| 18 | 1001161898 | 1 | Pipe | |
| 19 | 1001168142 | 1 | Bracket | |
| 20 | 1001168151 | 1 | Bracket | |
| 21 | 1001178670 | 1 | Valve, Steer (See Separate Breakdown in HYDRAULICS COMPONENTS Section) | |
| 22 | 1001194282 | 1 | Pipe | |
| 25 | 1001227945 | 1 | Valve, Check | |

**FIGURE 7-9. TILT STEERING COLUMN**

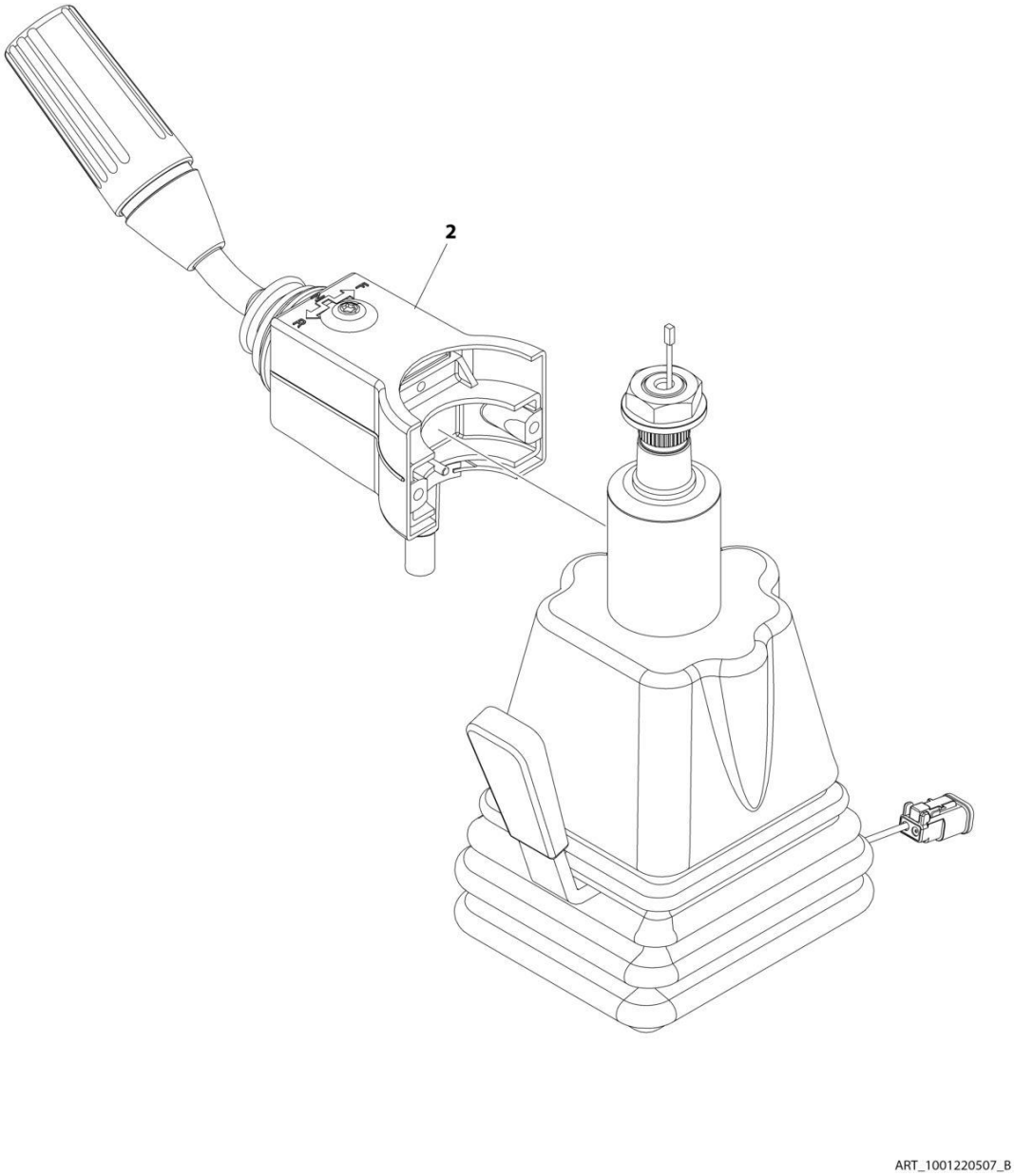


ART_1001257330

## FIGURE 7-9. TILT STEERING COLUMN

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257330 | Ref | TILT STEERING COLUMN | A |
| | | Ref | Note: No Service Parts Available - Purchase Complete Assembly | |

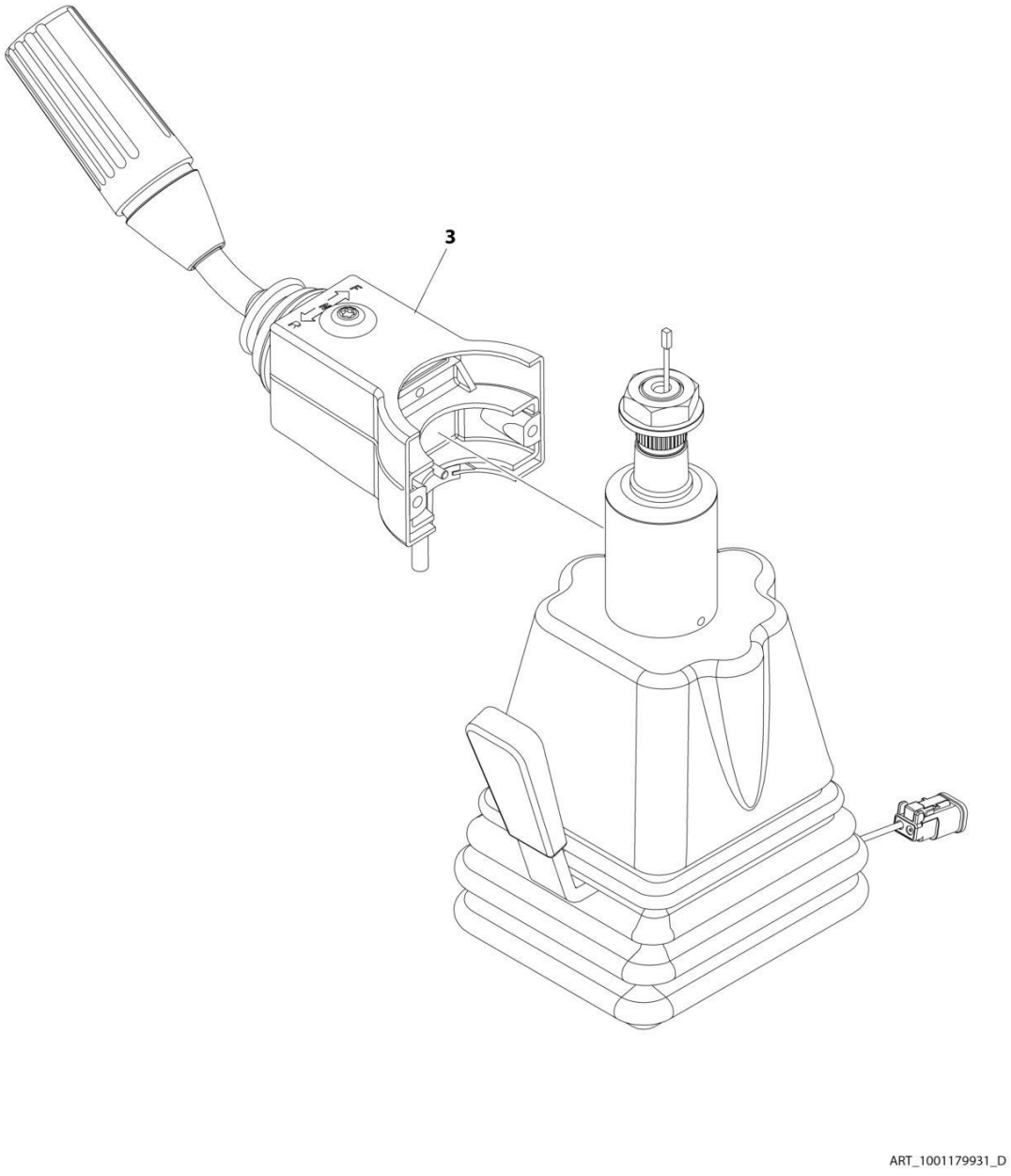
**FIGURE 7-10. COLUMN SHIFT INSTALLATION (2 SPEED)**



## FIGURE 7-10. COLUMN SHIFT INSTALLATION (2 SPEED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220507 | Ref | Column Shift Installation (2 Speed) | B |
| 2 | 1001257088 | 1 | Lever, FNR (2 Speed) | |

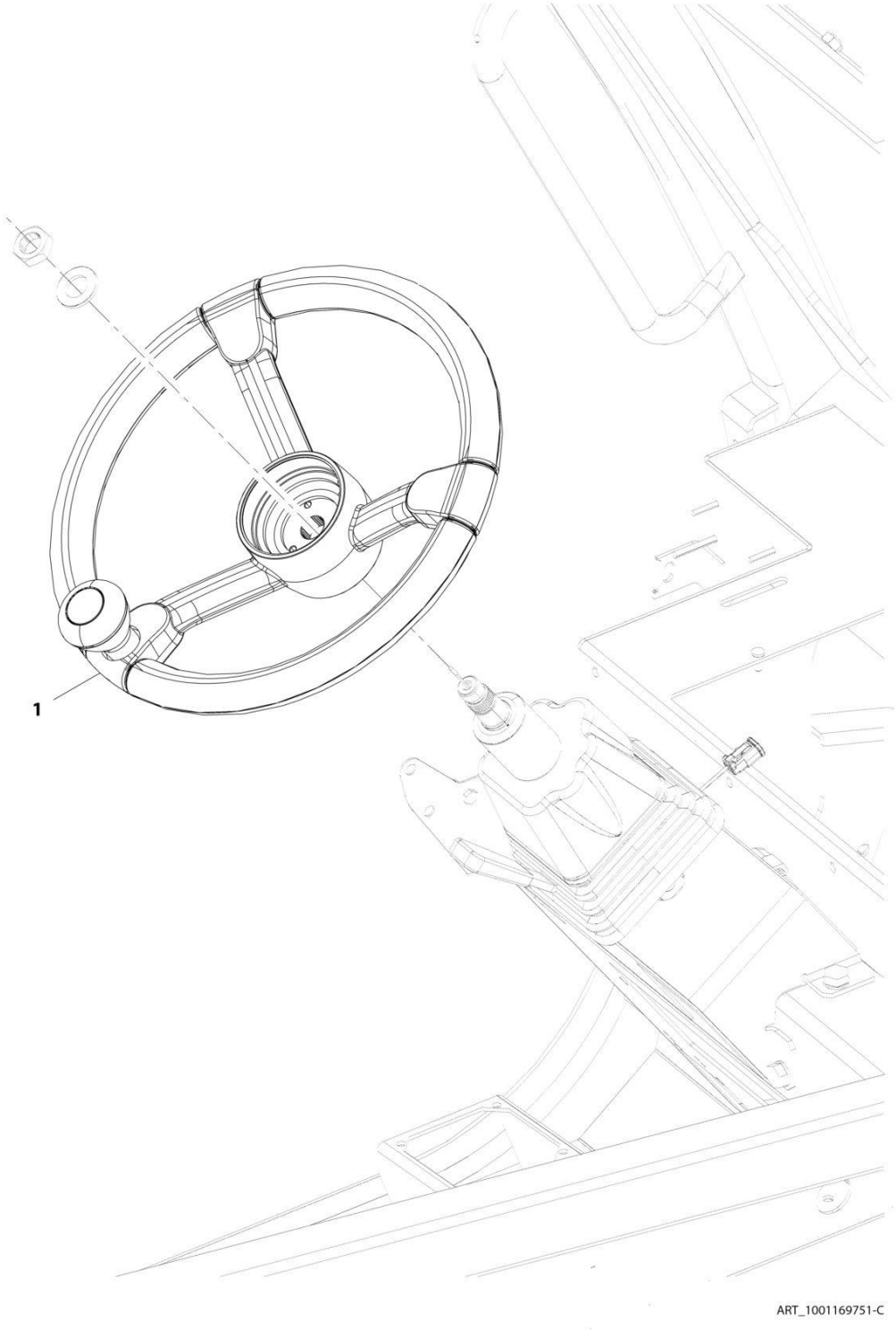
**FIGURE 7-11. COLUMN SHIFT INSTALLATION (0 SPEED)**



## FIGURE 7-11. COLUMN SHIFT INSTALLATION (0 SPEED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179931 | Ref | Column Shift Installation (0 Speed) | D |
| 3 | 1001257348 | 1 | Lever, FNR (0 Speed) | |

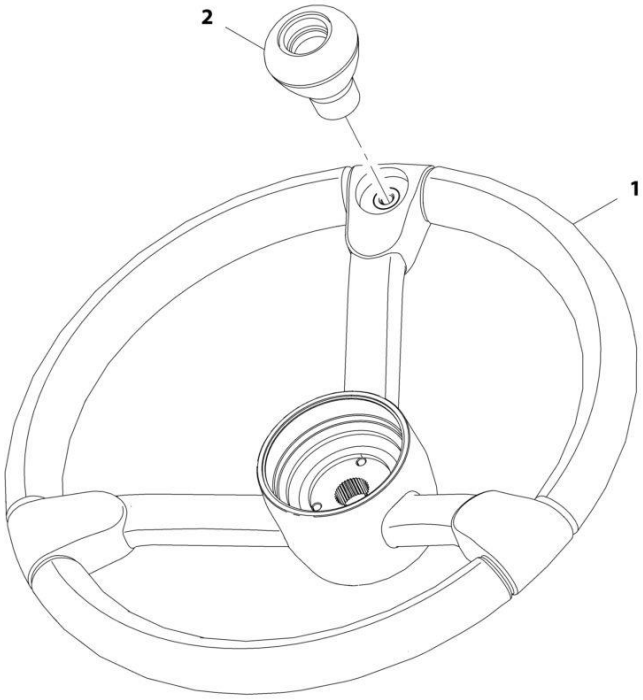
**FIGURE 7-12. STEERING WHEEL INSTALLATION**



## FIGURE 7-12. STEERING WHEEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169751 | Ref | Steering Wheel Installation | C |
| 1 | 1001169354 | 1 | Wheel, Steering (See Separate Breakdown in this Section) | |

**FIGURE 7-13. STEERING WHEEL**

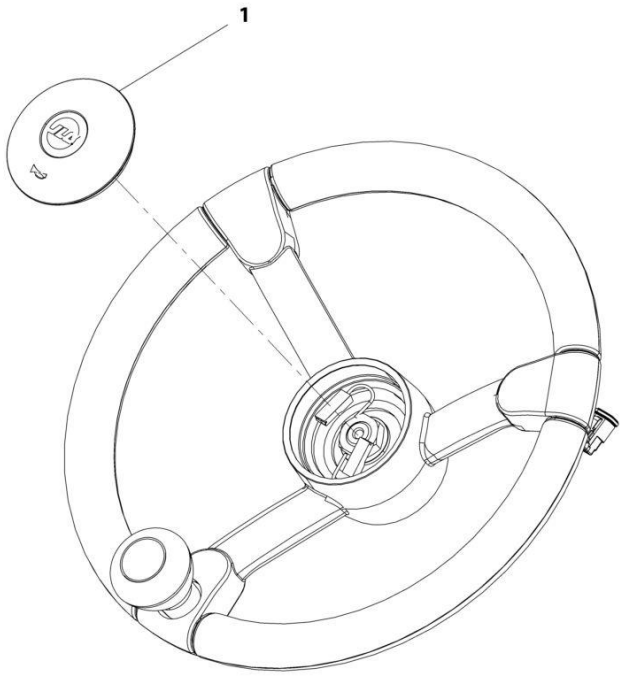



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## FIGURE 7-13. STEERING WHEEL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169354 | Ref | Steering Wheel | D |
| 1 | 1001169367 | 1 | Wheel, Steering | |
| 2 | 1001169355 | 1 | Handle, Steer Spinner | |

## FIGURE 7-14. HORN BUTTON INSTALLATION

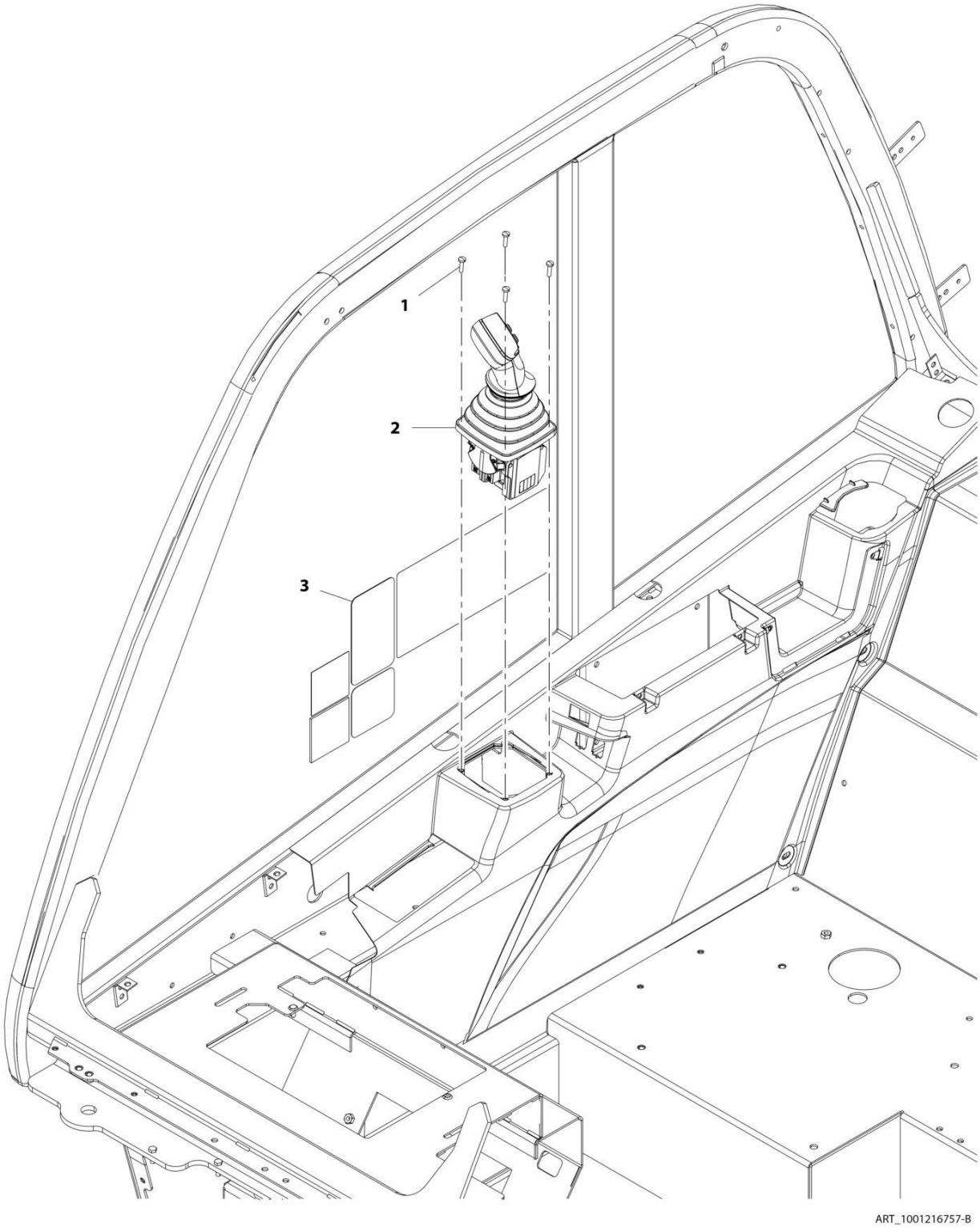



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## FIGURE 7-14. HORN BUTTON INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169763 | Ref | Horn Button Installation | A |
| 1 | 1001169268 | 1 | Button, Horn | |

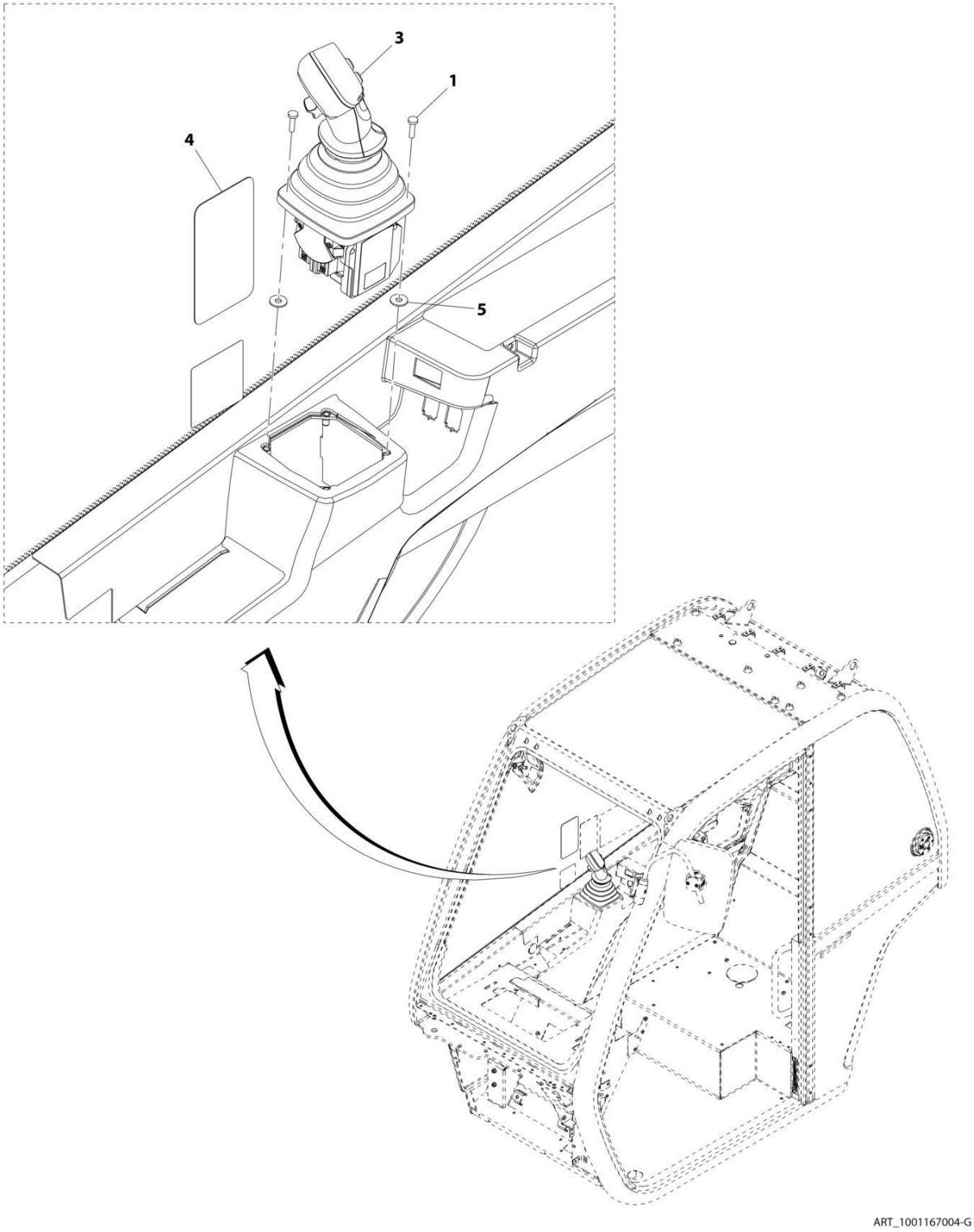
**FIGURE 7-15. JOYSTICK INSTALLATION (2 SPEED)**



## FIGURE 7-15. JOYSTICK INSTALLATION (2 SPEED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216757 | Ref | Joystick Installation (2 Speed) | C |
| 1 | 4010510 | 4 | Screw, M5X20 | |
| 2 | 1001222606 | 1 | Joystick, 2R2B | |
| 3 | 1001216803 | 1 | Decal | |

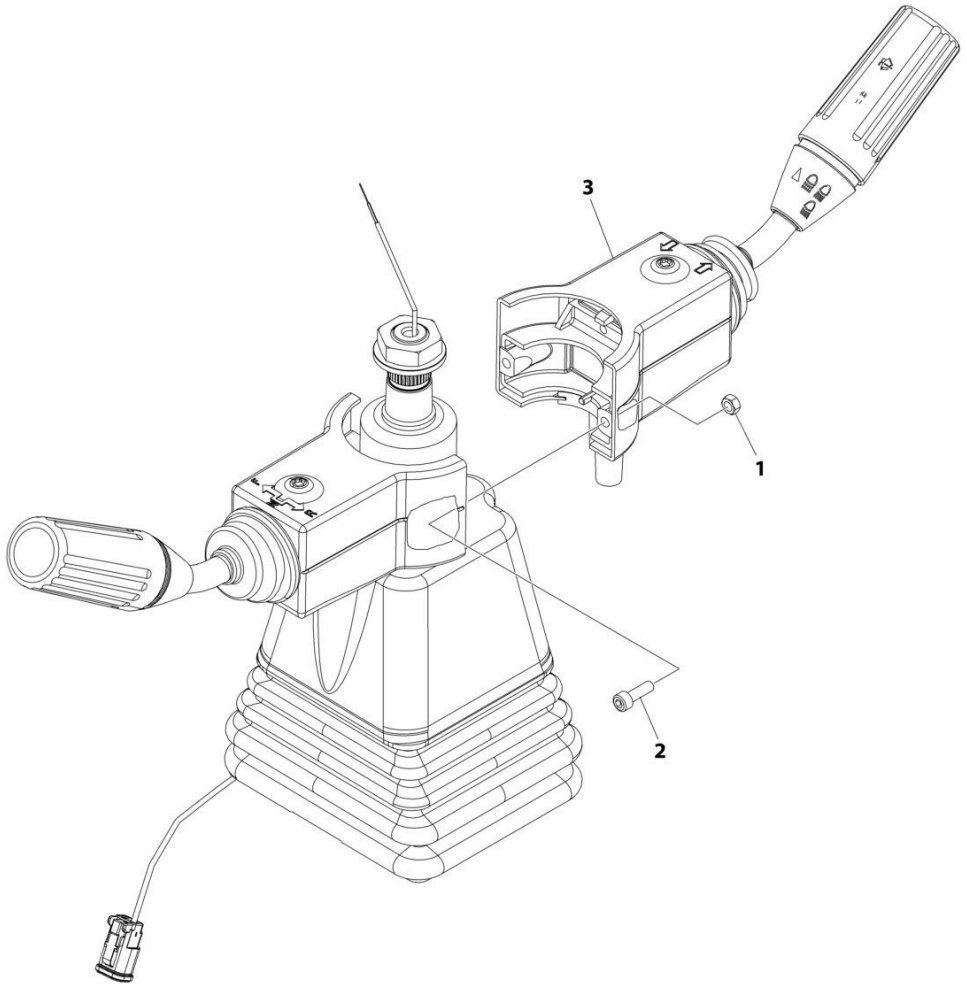
## FIGURE 7-16. JOYSTICK INSTALLATION



## FIGURE 7-16. JOYSTICK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001167004 | Ref | Joystick Installation | G |
| 1 | 4010510 | 4 | Screw, M5X20 | |
| 3 | 1001222603 | 1 | Joystick | |
| 4 | 1001241950 | 1 | Decal, Joystick | |
| 5 | 4811702001 | AR | Washer, M6 | |

## FIGURE 7-17. WIPER-TURN SWITCH INSTALLATION



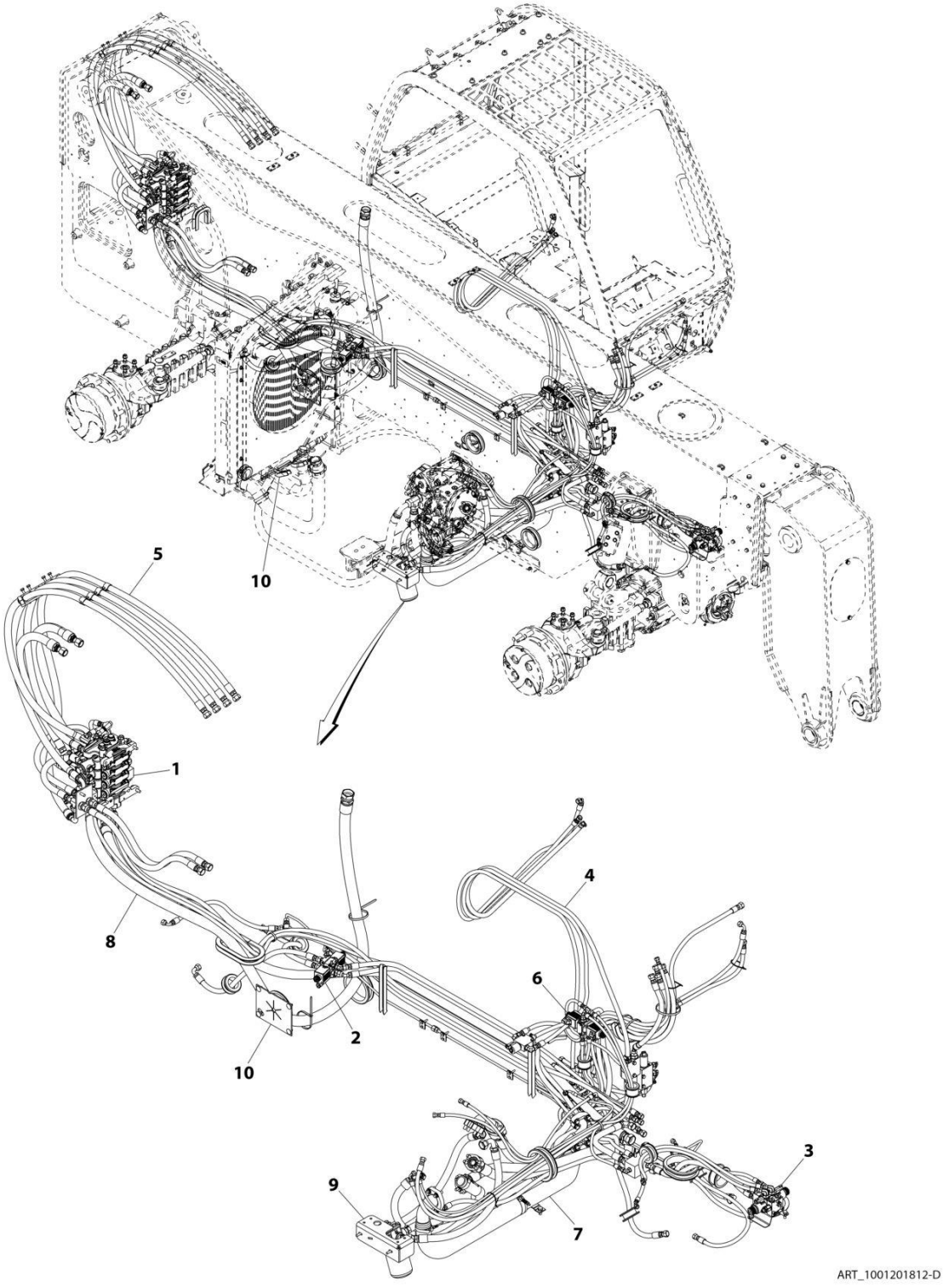

ART_1001257071

## FIGURE 7-17. WIPER-TURN SWITCH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001257071 | Ref | Wiper-Turn Switch Installation | B |
| 1 | 3290505 | 2 | Nut, Lock M5 | |
| 2 | 4031607 | 2 | Capscrew M5 x 16 | |
| 3 | 1001256974 | 1 | Switch, Turn-Wiper | |

# SECTION 8 - HYDRAULIC CIRCUITS

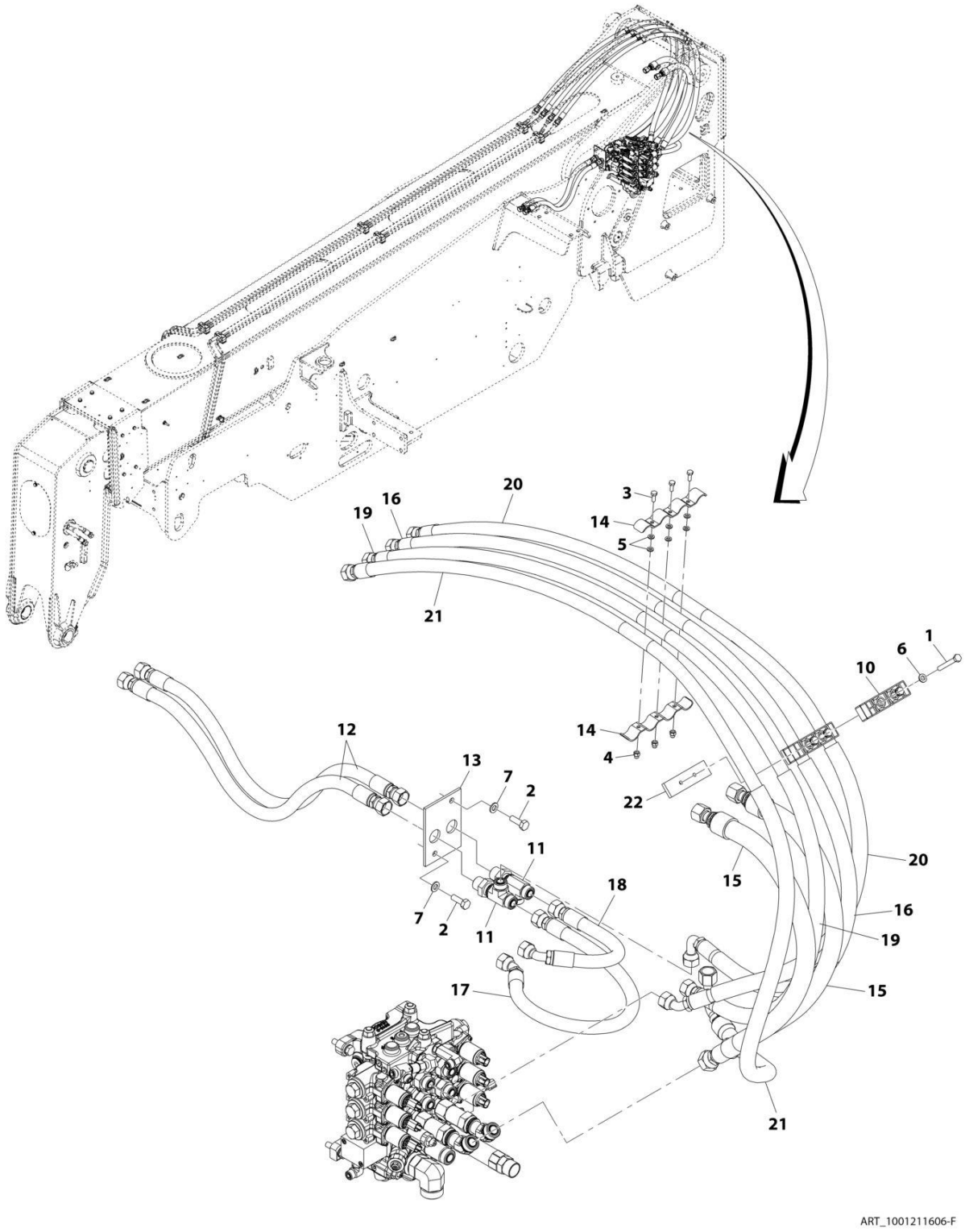
## FIGURE 8-1. MAIN HYDRAULIC INSTALLATION



## FIGURE 8-1. MAIN HYDRAULIC INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201812 | Ref | Main Hydraulic Installation | D |
| 1 | 1001192889 | Ref | Installation, Main Control Valve (See Separate Breakdown in this Section) | |
| 2 | 1001193516 | Ref | Installation, Steering Select Valve (See Separate Breakdown in this Section) | |
| 3 | 1001193517 | Ref | Installation, Frame Level Valve (See Separate Breakdown in this Section) | |
| 4 | 1001193709 | Ref | Installation, Cab Hydraulics (See Separate Breakdown in this Section) | |
| 5 | 1001211606 | Ref | Installation, Boom Lines (See Separate Breakdown in this Section) | |
| 6 | 1001197196 | Ref | Installation, Speed Control Valve (See Separate Breakdown in this Section) | |
| 7 | 1001202024 | Ref | Installation, Engine Bay Hydraulic (See Separate Breakdown in this Section) | |
| 8 | 1001202025 | Ref | Installation, Frame Hydraulics (See Separate Breakdown in this Section) | |
| 9 | 1001202026 | Ref | Installation, Charge Filter Lines | |
| 10 | 1001213026 | Ref | Installation, Grommets (See Separate Breakdown in FRAME AND ATTACHING PARTS Section) | |

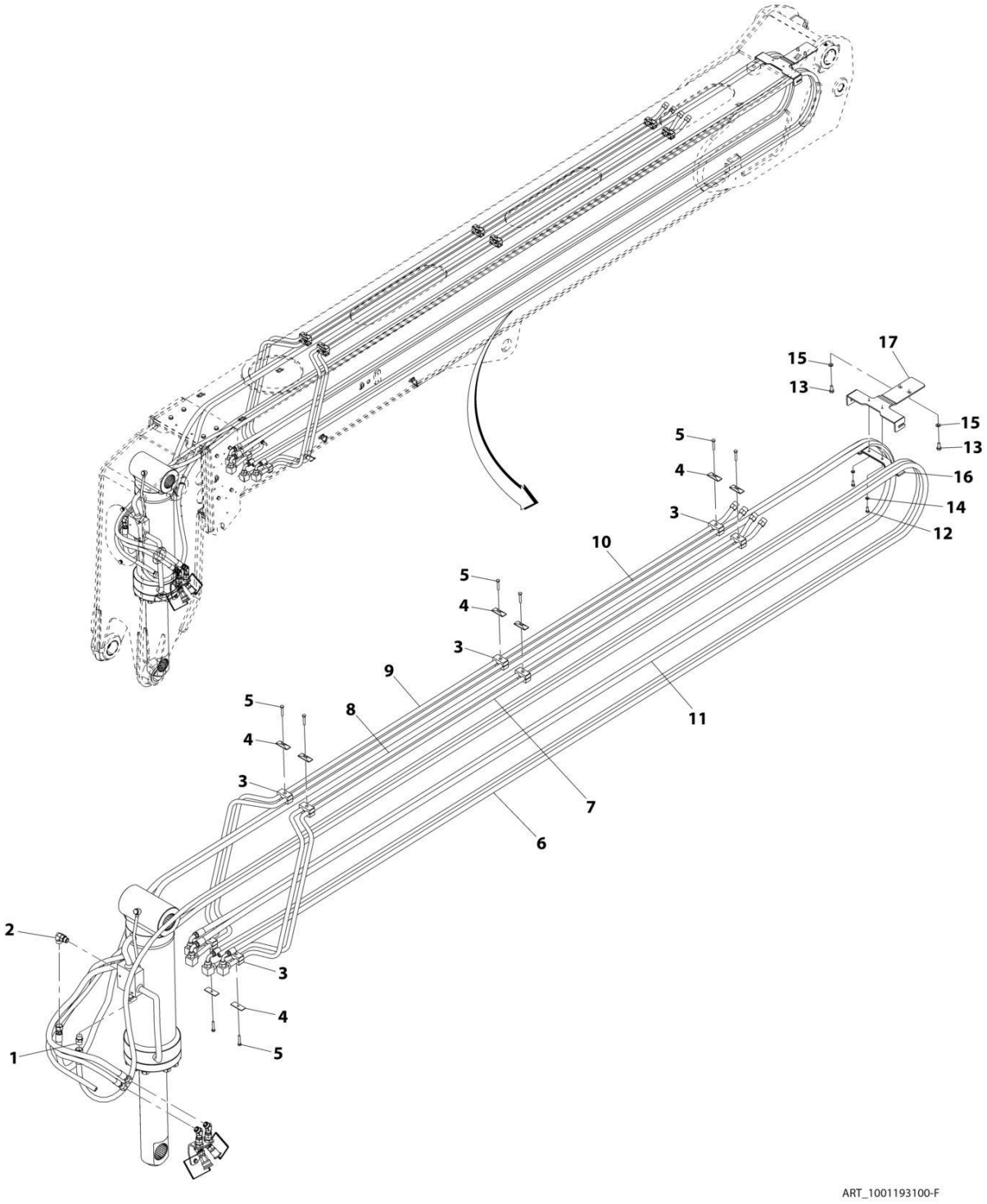
## FIGURE 8-2. BOOM HYDRAULIC LINES INSTALLATION



## FIGURE 8-2. BOOM HYDRAULIC LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001211606 | Ref | Boom Hydraulic Line Installation | F |
| 1 | 0700821 | 4 | Bolt, M8X65 | |
| 2 | 0701014 | 2 | Bolt, M10X30 | |
| 3 | 0760608 | 3 | Bolt, M6X16 | |
| 4 | 3290606 | 3 | Nut, M6X1 Grade 8 | |
| 5 | 4811700 | 6 | Washer, M6 | |
| 6 | 4811900 | 4 | Washer, M8 | |
| 7 | 4812000 | 2 | Washer, M10 | |
| 10 | 1001098128 | 2 | Clamp, Triple | |
| 11 | 1001192096 | 2 | Fitting, Tee ORFS | |
| 12 | 1001210525 | 2 | Hose, M16 ORFS | |
| 13 | 1001197011 | 1 | Plate | |
| 14 | 1001205618 | 2 | Clamp, Hoses | |
| 15 | 1001220473 | 2 | Hose, M19 ORFS | |
| 16 | 1001210524 | 1 | Hose, M16 ORFS | |
| 17 | 1001209418 | 1 | Hose, M16 ORFS | |
| 18 | 1001209419 | 1 | Hose, M16 ORFS | |
| 19 | 1001210526 | 1 | Hose, M16 ORFS | |
| 20 | 1001215859 | 1 | Hose, M16 ORFS | |
| 21 | 1001215860 | 1 | Hose, M16 ORFS | |
| 22 | 1001226557 | 2 | Plate | |

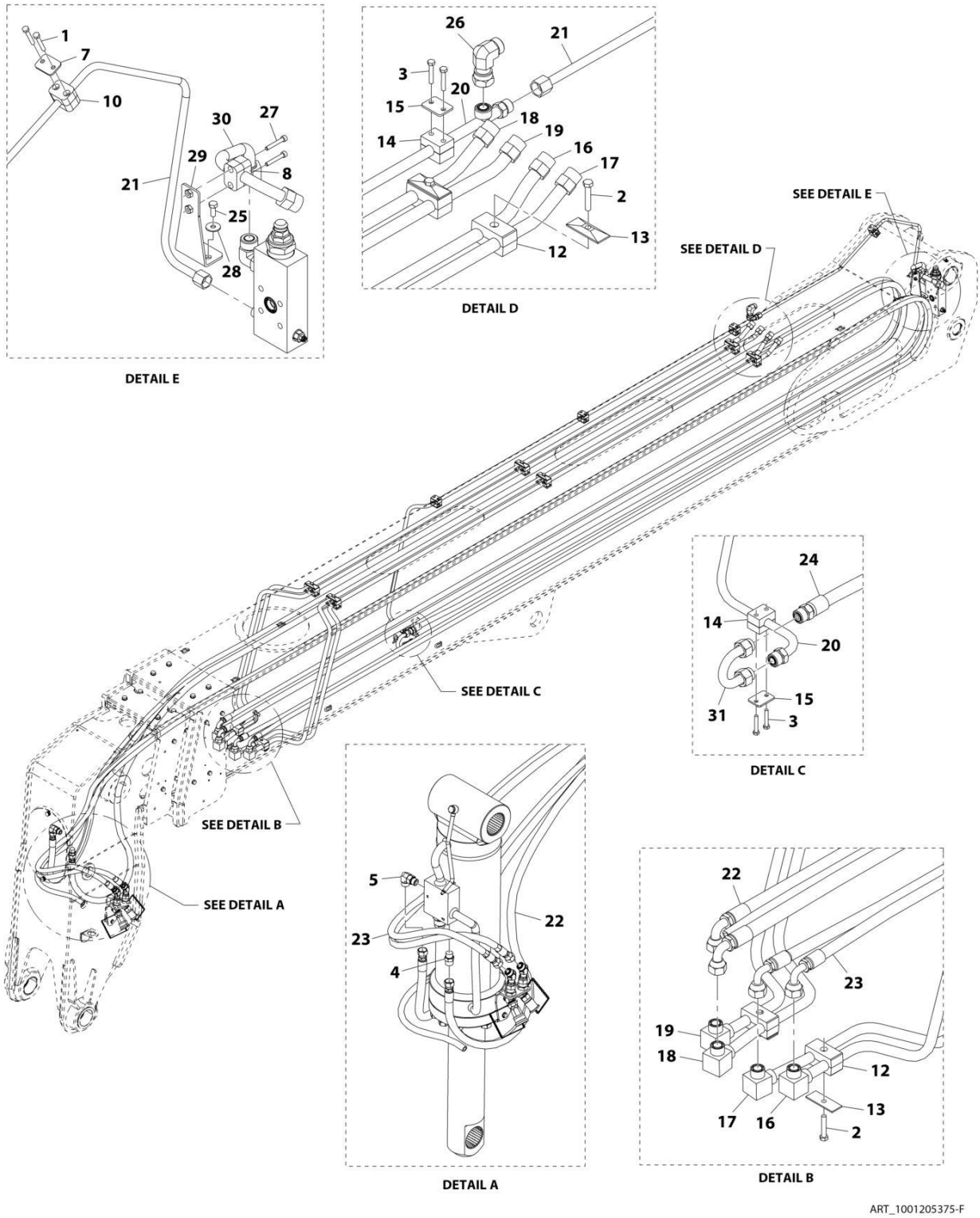
## FIGURE 8-3. BOOM HYDRAULIC INSTALLATION (1732)



## FIGURE 8-3. BOOM HYDRAULIC INSTALLATION (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193100 | Ref | Boom Hydraulic Installation | F |
| 1 | 2111010 | 1 | Fitting, Straight ORFS | |
| 2 | 2131010 | 1 | Fitting, ORFS | |
| 3 | 77133136 | 8 | Clamp | |
| 4 | 77133137 | 8 | Plate, Twin Hose Cover | |
| 5 | 0700817 | 8 | Bolt, M8X45 | |
| 6 | 1001206242 | 1 | Hose | |
| 7 | 1001209200 | 1 | Pipe | |
| 8 | 1001209201 | 1 | Pipe | |
| 9 | 1001209202 | 1 | Pipe | |
| 10 | 1001209203 | 1 | Pipe | |
| 11 | 1001193465 | 1 | Hose | |
| 12 | 0760810 | 2 | Bolt, M8X20 | |
| 13 | 0761012 | 2 | Bolt, M10X25 | |
| 14 | 4811900 | 2 | Washer, M8 | |
| 15 | 4812000 | 2 | Washer, M10 | |
| 16 | 1001214661 | 1 | Plate | |
| 17 | 1001215470 | 1 | Support, Hose | |

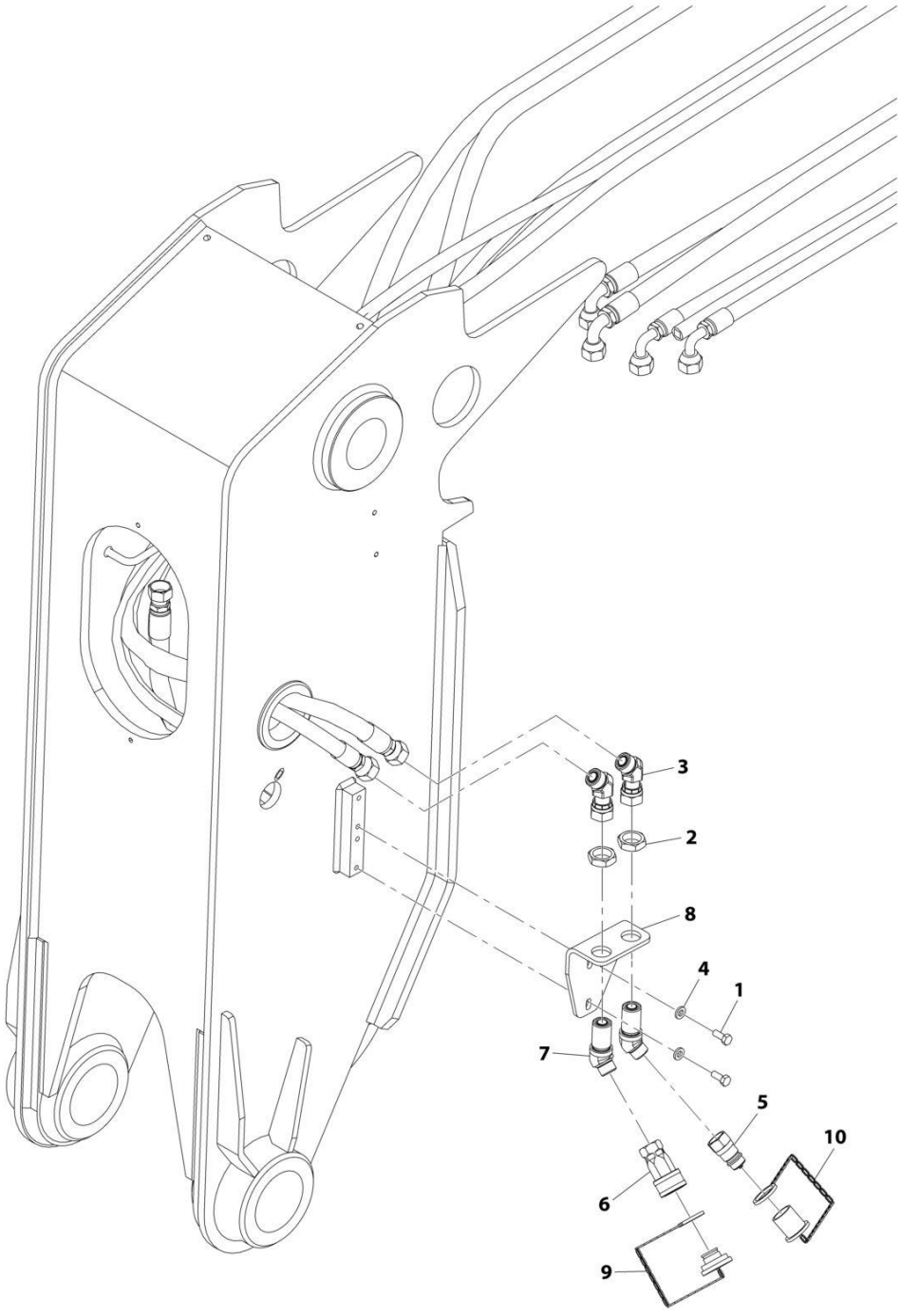
## FIGURE 8-4. BOOM HYDRAULIC INSTALLATION (8010)



## FIGURE 8-4. BOOM HYDRAULIC INSTALLATION (8010)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001205375 | Ref | Boom Hydraulic Installation | F |
| 1 | 0700616 | 2 | Bolt, M6X40 | |
| 2 | 0700817 | 8 | Bolt, M8X45 | |
| 3 | 0760615 | 8 | Bolt, M6X35 | |
| 4 | 2111010 | 1 | Fitting, Straight ORFS | |
| 5 | 2131010 | 1 | Fitting, 90 ORFS | |
| 7 | 8769146 | 1 | Plate, Cover | |
| 8 | 8769152 | 1 | Clamp | |
| 10 | 8769199 | 1 | Clamp | |
| 12 | 77133136 | 8 | Clamp | |
| 13 | 77133137 | 8 | Plate, Cover | |
| 14 | 77133497 | 4 | Clamp | |
| 15 | 1001105093 | 4 | Plate, Cover | |
| 16 | 1001209201 | 1 | Pipe | |
| 17 | 1001209200 | 1 | Pipe | |
| 18 | 1001209202 | 1 | Pipe | |
| 19 | 1001209203 | 1 | Pipe | |
| 20 | 1001205380 | 1 | Pipe | |
| 21 | 1001205381 | 1 | Tube | |
| 22 | 1001210568 | 1 | Hose | |
| 23 | 1001210569 | 1 | Hose | |
| 24 | 1001229422 | 1 | Hose | |
| 25 | 0760810 | 2 | Bolt, M8X20 | |
| 26 | 2172110 | 1 | Fitting, 90 ORFS | |
| 27 | 4031712 | 2 | Bolt, M6X40 | |
| 28 | 4811902 | 2 | Washer, M8 | |
| 29 | 1001209972 | 1 | Bracket | |
| 30 | 1001210270 | 1 | Tube | |
| 31 | 1001220942 | 1 | Pipe | |

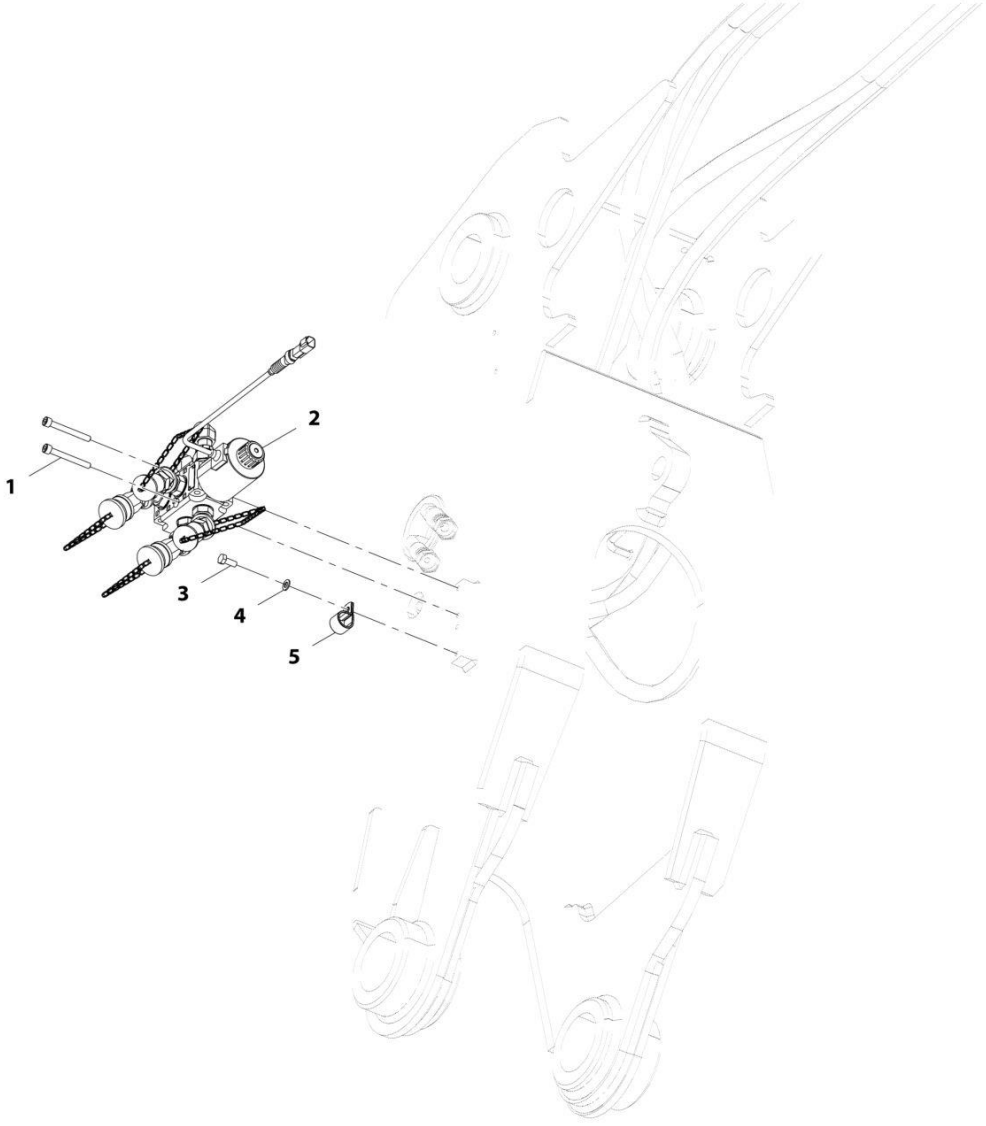
## FIGURE 8-5. BOOM AUX HYDRAULIC INSTALLATION (MANUAL - SINGLE)



## FIGURE 8-5. BOOM AUX HYDRAULIC INSTALLATION (MANUAL - SINGLE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192363 | Ref | Boom Aux Hydraulic Installation (Manual - Single) | D |
| 1 | 0760810 | 2 | Bolt, M8X20 | |
| 2 | 8770075 | 2 | Fitting, ORFS | |
| 3 | 1001147416 | 2 | Fitting, 45 ORFS | |
| 4 | 5240800 | 2 | Washer, M8 | |
| 5 | 1001101041 | 1 | Coupling, Male Quick Disconnect | |
| 6 | 1001101042 | 1 | Coupling, Female Quick Disconnect | |
| 7 | 1001217553 | 2 | Fitting, 45 ORFS | |
| 8 | 1001217552 | 1 | Bracket | |
| 9 | 91043125 | 1 | Plug | |
| 10 | 91043126 | 1 | Cap, Dust | |

## FIGURE 8-6. BOOM AUX HYDRAULIC INSTALLATION (MANUAL - TWIN)

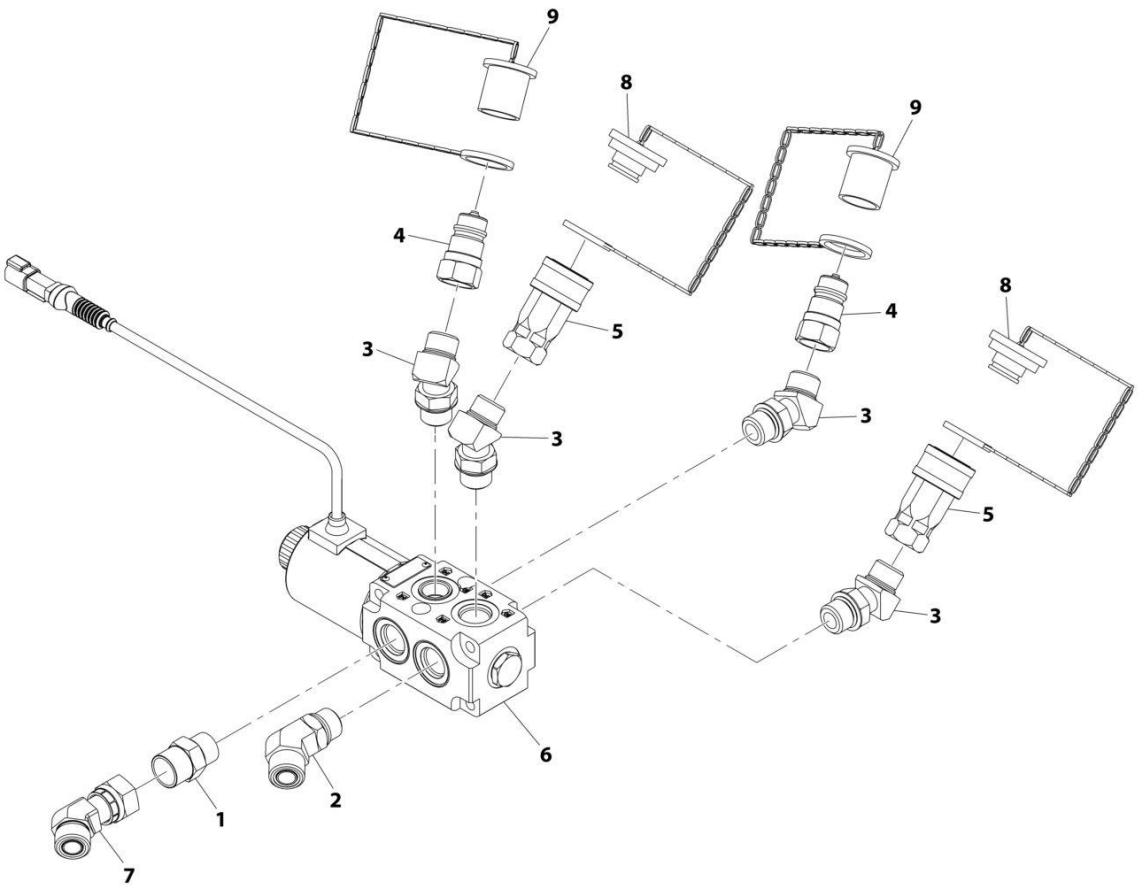



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## FIGURE 8-6. BOOM AUX HYDRAULIC INSTALLATION (MANUAL - TWIN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192366 | Ref | Boom Aux Hydraulic Installation (Manual - Twin) | C |
| 1 | 4031918 | 2 | Bolt, M8X70 | |
| 2 | 1001213318 | 1 | Assembly, Diverter Valve (manual - twin) (See Separate Breakdown in this Section) | |
| 3 | 0760810 | 1 | Bolt, M8X20 | |
| 4 | 4811900 | 1 | Washer, M8 | |
| 5 | 8406202 | 1 | CLIP,TUBE 7/8" | |

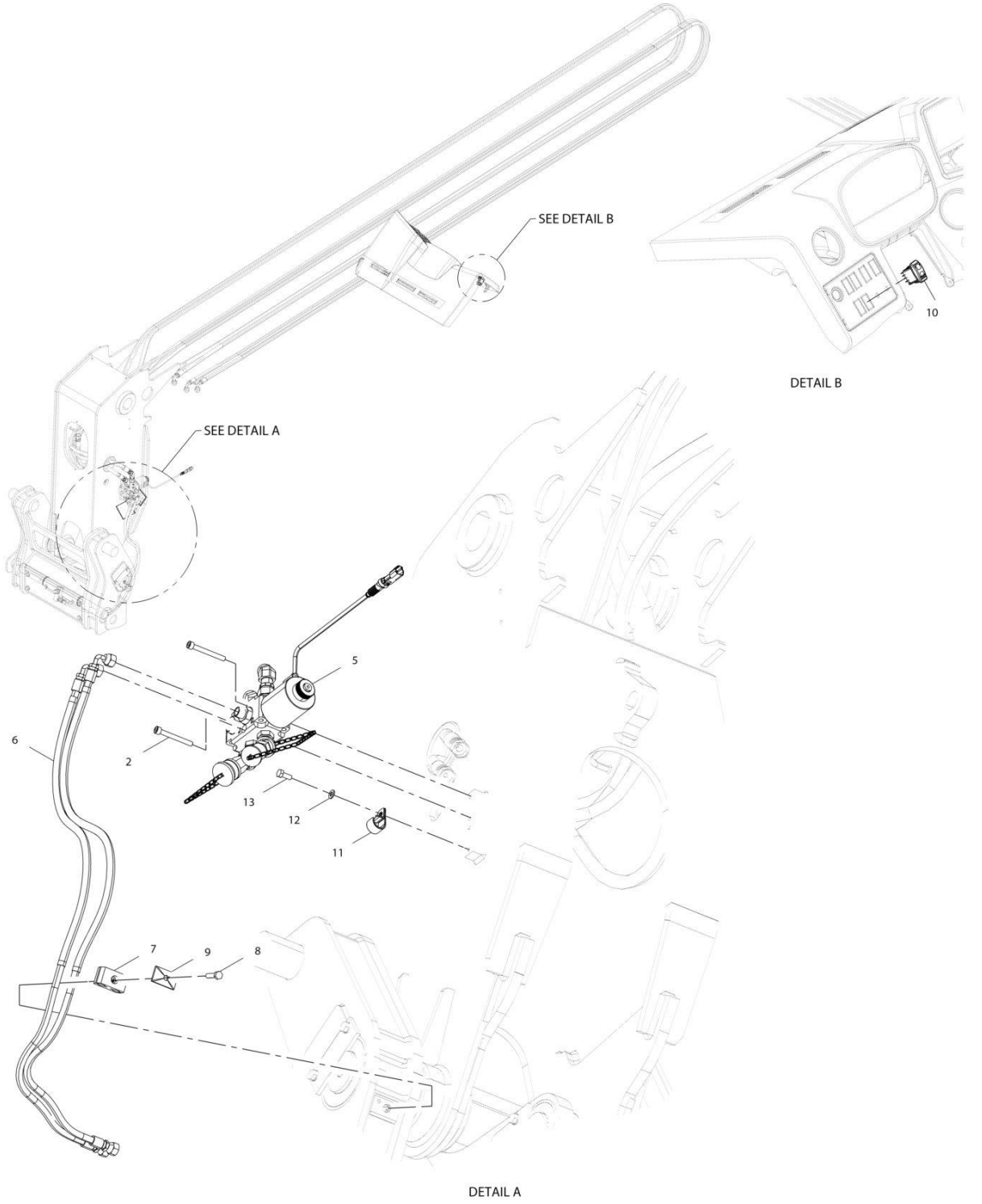
## FIGURE 8-7. BOOM AUX DIVERTER VALVE/FITINGS ASSEMBLY (MANUAL - TWIN)



## FIGURE 8-7. BOOM AUX DIVERTER VALVE/FITINGS ASSEMBLY (MANUAL - TWIN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213318 | Ref | Diverter Valve Assembly | B |
| 1 | 2111010 | 1 | Fitting, Straight ORFS | |
| 2 | 2151010 | 1 | Fitting, 45 ORFS | |
| 3 | 1001005904 | 4 | Fitting, 45 | |
| 4 | 1001101041 | 2 | Adapter, Male Quick Disconnect | |
| 5 | 1001101042 | 2 | Adapter, Female Quick Disconnect | |
| 6 | 1001110023 | 1 | Valve, Diverter (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 7 | 1001147416 | 1 | Fitting, 45 ORFS | |
| 8 | 91043125 | 2 | Plug | |
| 9 | 91043126 | 2 | Cap | |

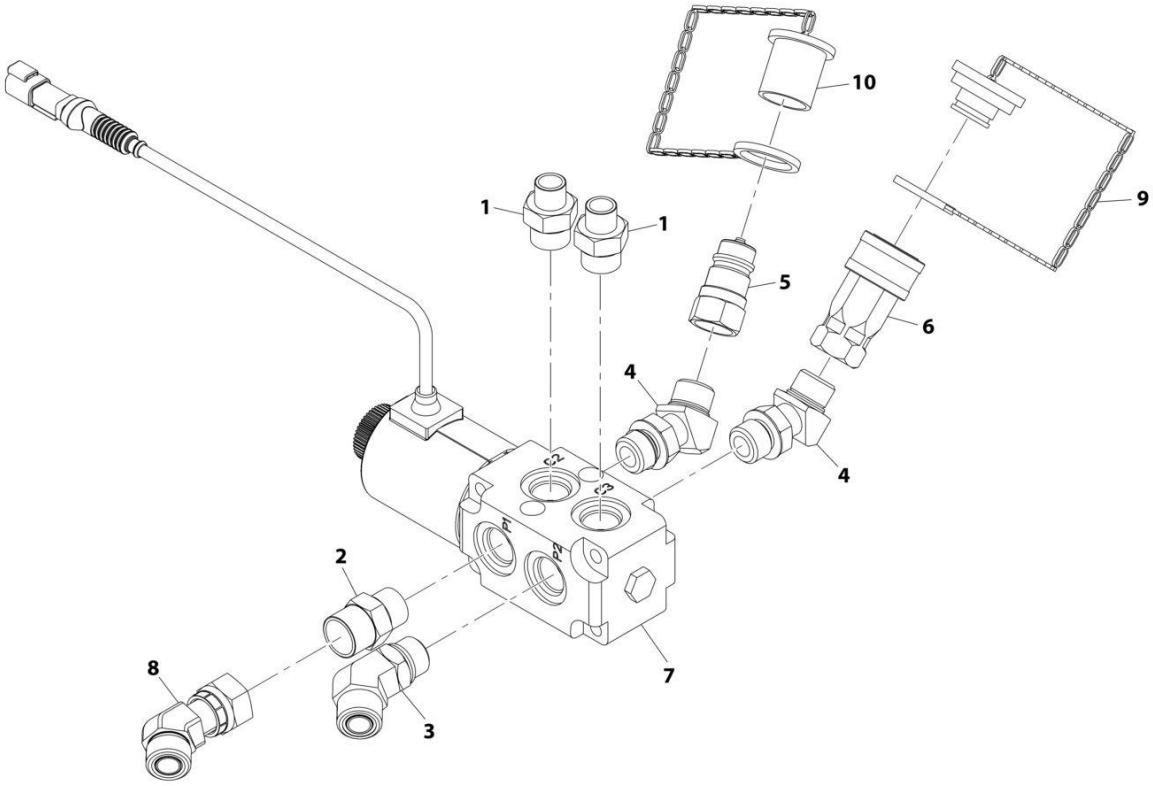
## FIGURE 8-8. BOOM AUX HYDRAULIC INSTALLATION (HYDRAULIC - SINGLE)



## FIGURE 8-8. BOOM AUX HYDRAULIC INSTALLATION (HYDRAULIC - SINGLE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192365 | Ref | Boom Aux Hydraulic Installation (Hydraulic - Single) | E |
| 2 | 4031918 | 2 | Bolt, M8X70 | |
| 5 | 1001213317 | 1 | Assembly, Diverter Valve (Hydraulic - Single) (See Separate Breakdown in this Section) | |
| 6 | 1001193111 | 2 | Hose | |
| 7 | 8769126 | 1 | Clamp | |
| 8 | 0760815 | 1 | Bolt, M8X35 | |
| 9 | 8769123 | 1 | Plate, Cover | |
| 10 | 1001080375 | 1 | Switch | |
| 11 | 8406202 | 1 | CLIP,TUBE 7/8" | |
| 12 | 4811900 | 1 | Washer, M8 | |
| 13 | 0760810 | 1 | Bolt, M8X20 | |

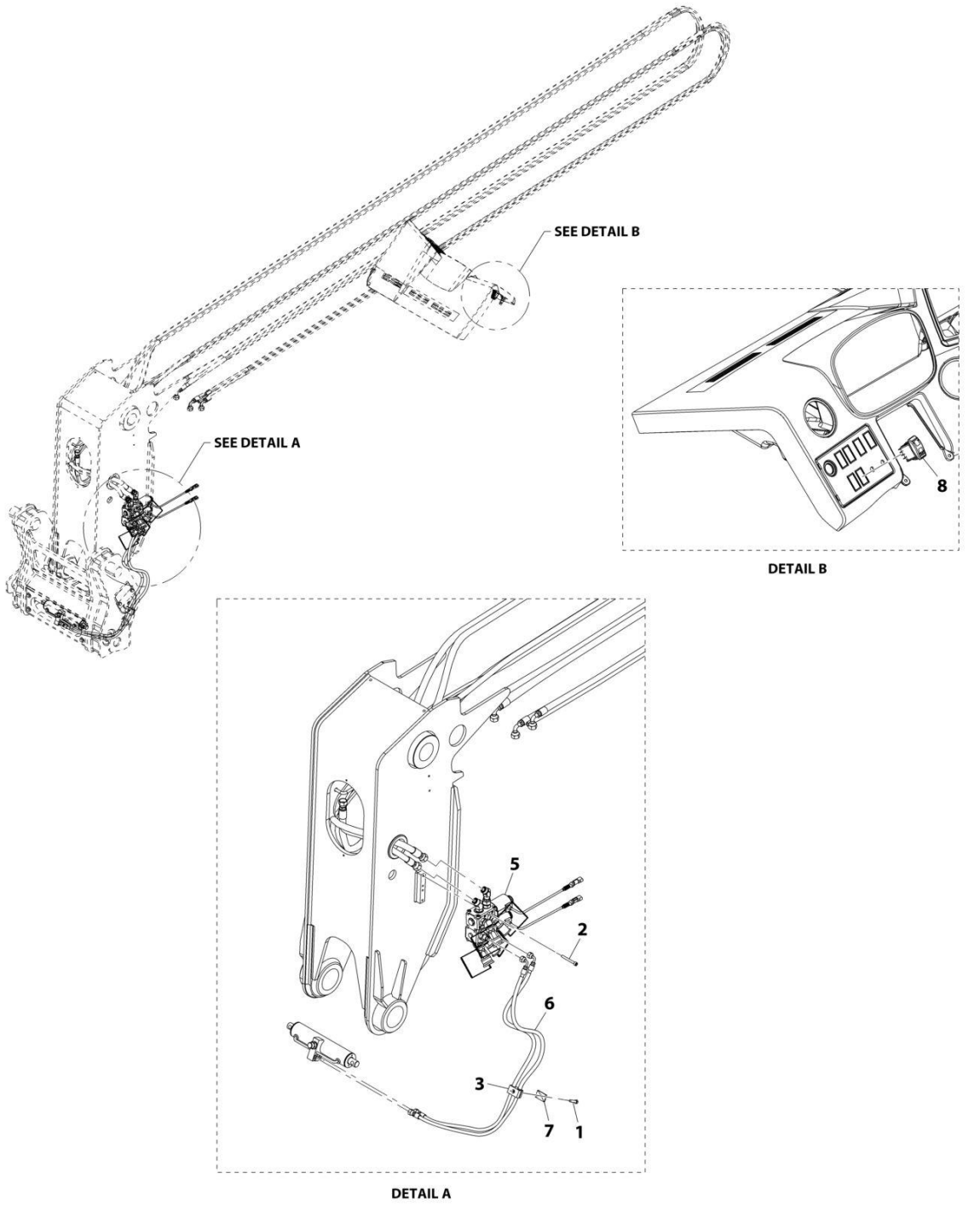
## FIGURE 8-9. BOOM AUX DIVERTER VALVE/FITINGS ASSEMBLY (HYDRAULIC - SINGLE)



## FIGURE 8-9. BOOM AUX DIVERTER VALVE/FITINGS ASSEMBLY (HYDRAULIC - SINGLE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213317 | Ref | Diverter Valve Assembly | B |
| 1 | 2110610 | 2 | Fitting, Straight ORFS | |
| 2 | 2111010 | 1 | Fitting, Straight ORFS | |
| 3 | 2151010 | 1 | Fitting, 45 ORFS | |
| 4 | 1001005904 | 2 | Fitting, 45 | |
| 5 | 1001101041 | 1 | Fitting, Male Quick Disconnect | |
| 6 | 1001101042 | 1 | Fitting, Female Quick Disconnect | |
| 7 | 1001104477 | 1 | Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 8 | 1001147416 | 1 | Fitting, 45 ORFS | |
| 9 | 91043125 | 1 | Plug | |
| 10 | 91043126 | 1 | Cap, Dust | |

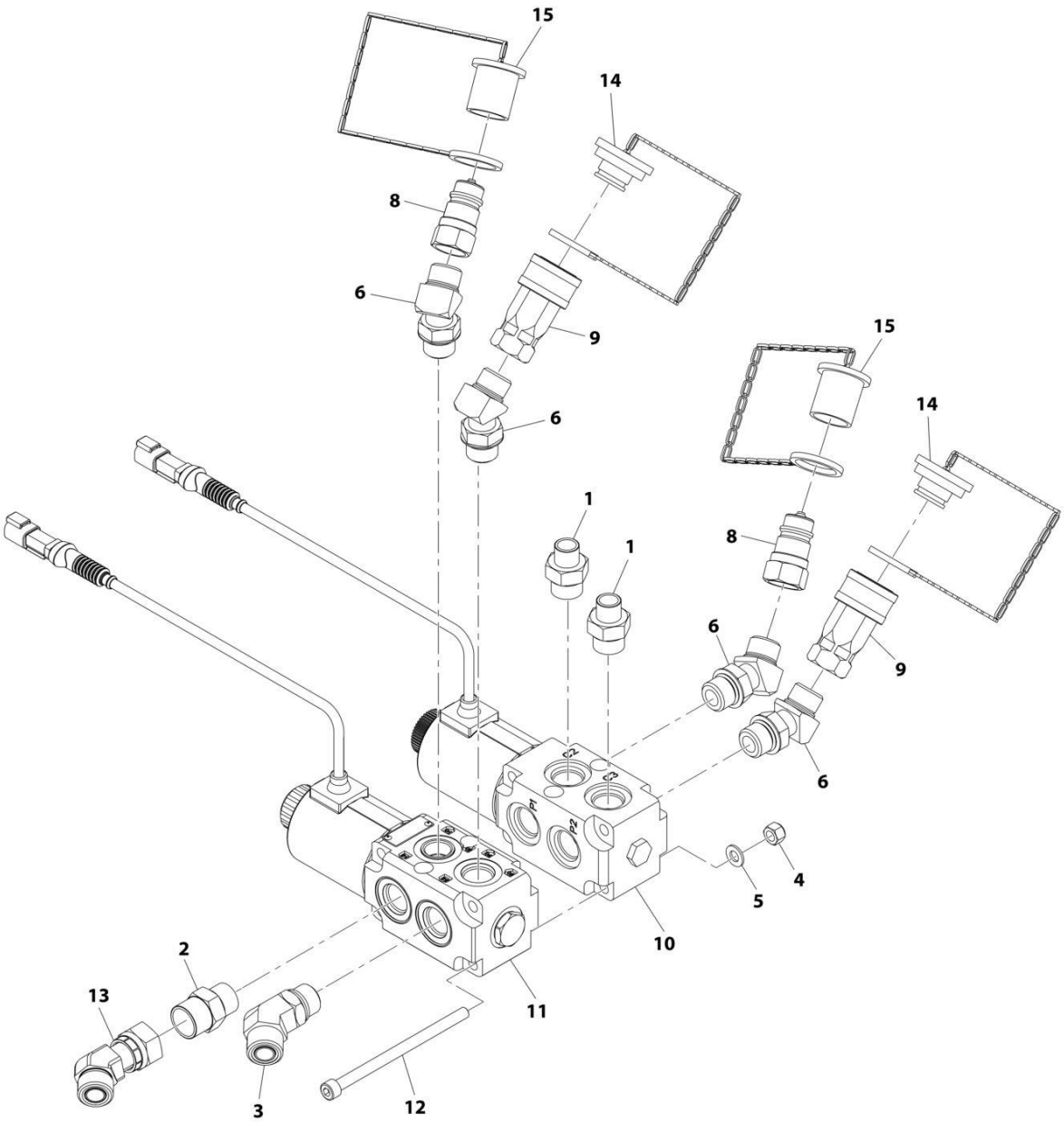
## FIGURE 8-10. BOOM AUX HYDRAULIC INSTALLATION (HYDRAULIC - TWIN)



## FIGURE 8-10. BOOM AUX HYDRAULIC INSTALLATION (HYDRAULIC - TWIN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192367 | Ref | Boom Aux Hydraulic Installation (Hydraulic - Twin) | C |
| 1 | 0760815 | 1 | Bolt, M8X35 | |
| 2 | 4031918 | 3 | Bolt, M8X70 | |
| 3 | 8769126 | 1 | Clamp | |
| 5 | 1001213319 | 1 | Assembly, Diverter Valve (Hydraulic - Twin) (See Separate Breakdown in this Section) | |
| 6 | 1001193111 | 2 | Hose | |
| 7 | 8769123 | 1 | Plate, Cover | |
| 8 | 1001080375 | 1 | Switch | |

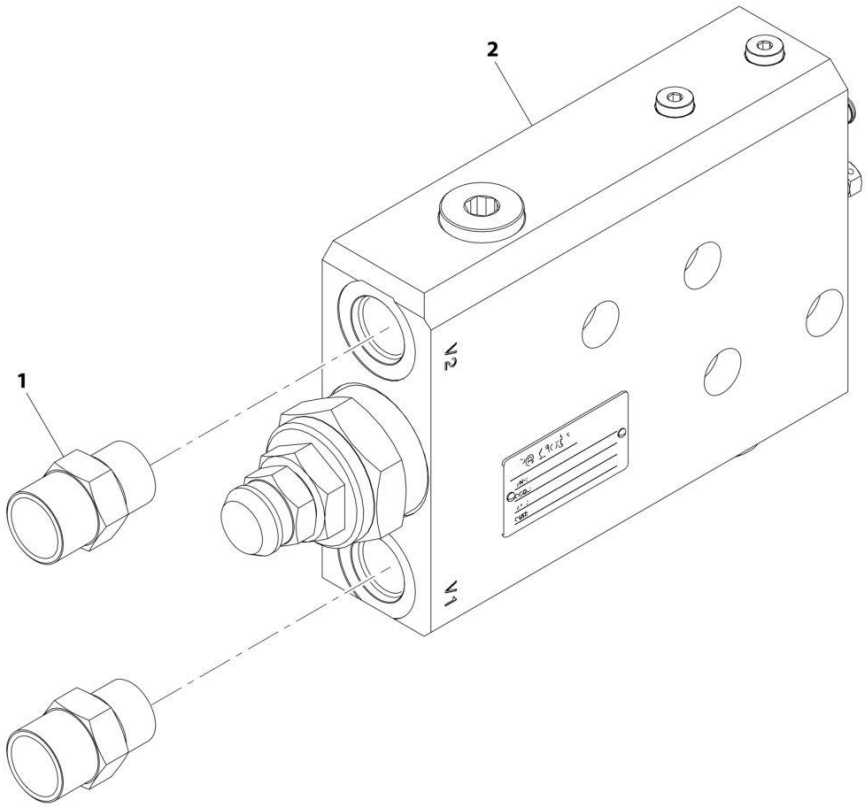
## FIGURE 8-11. BOOM AUX DIVERTER VALVE/FITINGS ASSEMBLY (HYDRAULIC - TWIN)



## FIGURE 8-11. BOOM AUX DIVERTER VALVE/FITINGS ASSEMBLY (HYDRAULIC - TWIN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213319 | Ref | Diverter Valve Assembly | C |
| 1 | 2110610 | 2 | Fitting, Straight ORFS | |
| 2 | 2111010 | 1 | Fitting, Straight ORFS | |
| 3 | 2151010 | 1 | Fitting, 45 ORFS | |
| 4 | 3290805 | 4 | Nut, Lock M8X1.25 | |
| 5 | 4811900 | 4 | Washer, M8 | |
| 6 | 1001005904 | 4 | Fitting, 45 | |
| 8 | 1001101041 | 2 | Fitting, Male Quick Disconnect | |
| 9 | 1001101042 | 2 | Fitting, Female Quick Disconnect | |
| 10 | 1001104477 | 1 | Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 11 | 1001110023 | 1 | Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 12 | 1001110115 | 4 | Bolt, M8X100 | |
| 13 | 1001147416 | 1 | Fitting, 45 ORFS | |
| 14 | 91043125 | 2 | Plug | |
| 15 | 91043126 | 2 | Cap | |

## FIGURE 8-12. BOOM EXTENT/RETRACT COUNTERBALANCE VALVE INSTALLATION

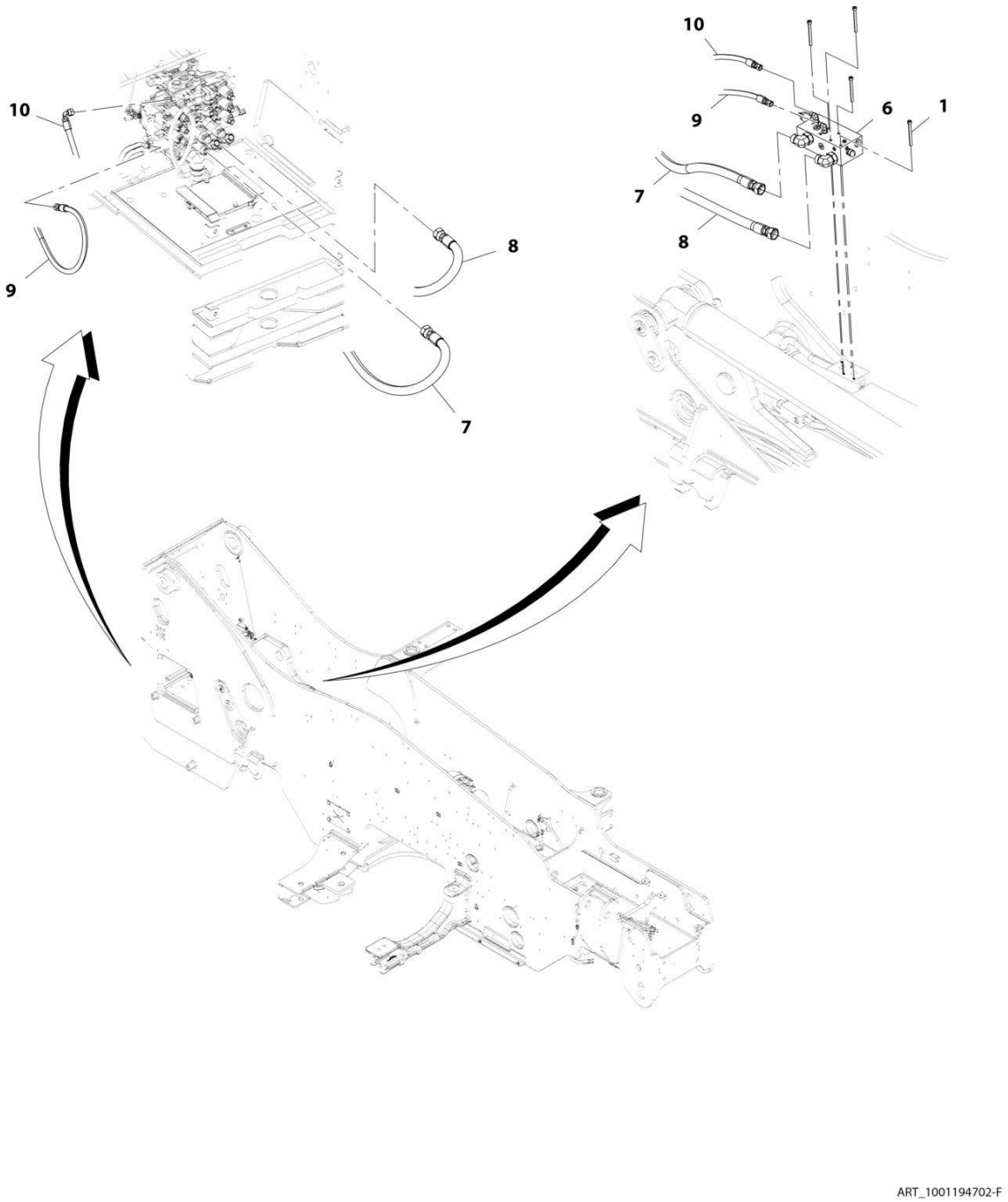



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## FIGURE 8-12. BOOM EXTENT/RETRACT COUNTERBALANCE VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212312 | Ref | Counterbalance Valve & Fittings Sub-Assembly | A |
| 1 | 2111010 | 2 | Fitting, Straight ORFS | |
| 2 | 1001209862 | 1 | Valve, Counterbalance (See Separate Breakdown in this Section) | |

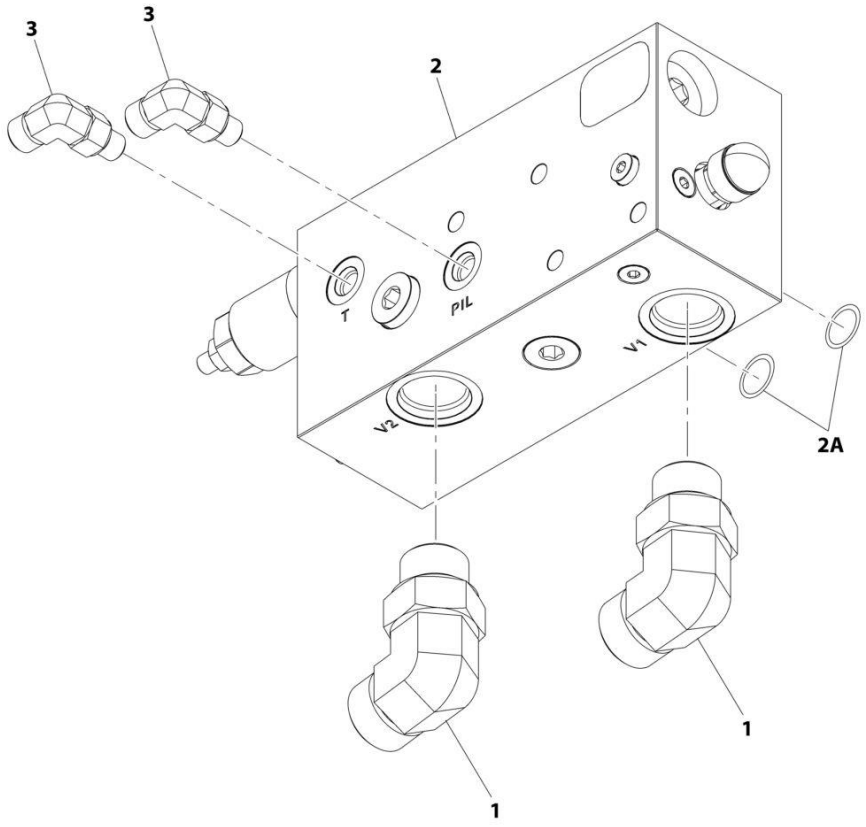
## FIGURE 8-13. BOOM RAISE HOSE INSTALLATION (NO RIDE CONTROL)



## FIGURE 8-13. BOOM RAISE HOSE INSTALLATION (NO RIDE CONTROL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001194702 | Ref | Boom Raise Hose Installation (no Ride Control) | F |
| 1 | 4031921 | 4 | Bolt, M8X85 | |
| 6 | 1001219764 | 1 | Valve, Boom Raise Counterbalance (no Ride Control) (See Separate Breakdown in this Section) | |
| 7 | 1001225392 | 1 | Hose, ORFS | |
| 8 | 1001225393 | 1 | Hose, ORFS | |
| 9 | 1001226828 | 1 | Hose, ORFS | |
| 10 | 1001226829 | 1 | Hose, ORFS | |

## FIGURE 8-14. BOOM RAISE COUNTERBALANCE VALVE/FITTINGS ASSEMBLY (NO RIDE CONTROL)

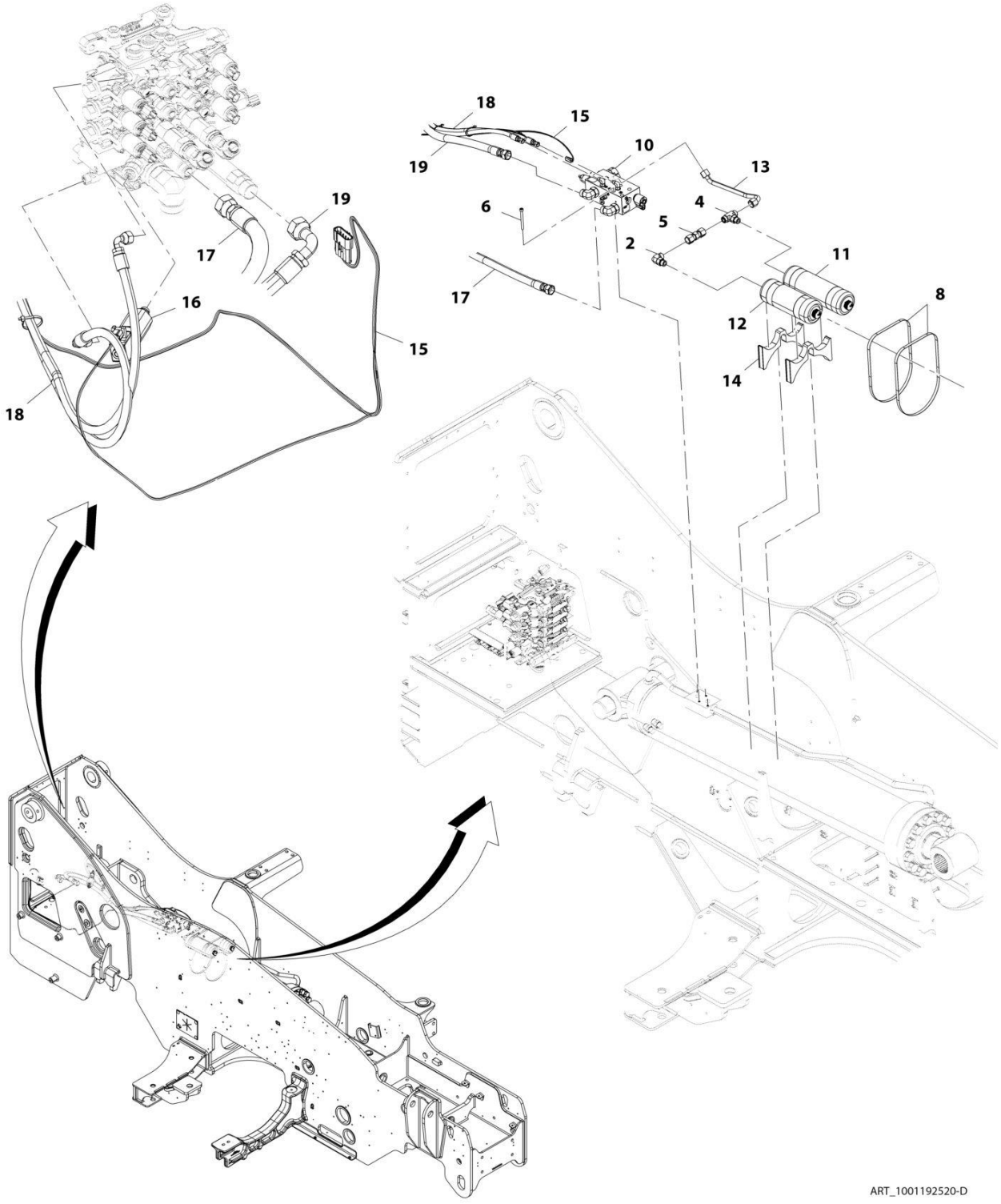



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## FIGURE 8-14. BOOM RAISE COUNTERBALANCE VALVE/FITTINGS ASSEMBLY (NO RIDE CONTROL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219764 | Ref | Boom Raise Counterbalance Valve (no Ride Control) | C |
| 1 | 2131212 | 2 | Fitting, 90 ORFS | |
| 2 | 1001224944 | 1 | Valve, GLS | |
| 2A | 70028282 | 2 | O-ring | |
| 3 | 2130404 | 2 | Fitting, 90 ORFS | |

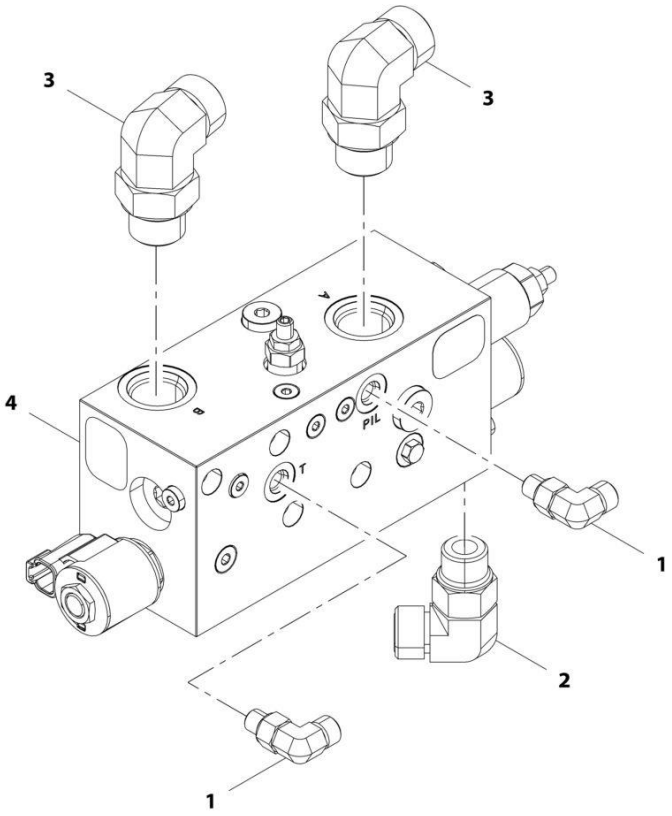
## FIGURE 8-15. BOOM RAISE HOSE INSTALLATION (RIDE CONTROL)



## FIGURE 8-15. BOOM RAISE HOSE INSTALLATION (RIDE CONTROL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192520 | Ref | Boom Raise Hose Installation (Ride Control) | D |
| 2 | 2131010 | 1 | Fitting, 90 ORFS | |
| 4 | 2170410 | 1 | Fitting, Tee ORFS | |
| 5 | 2172410 | 1 | Fitting, Straight ORFS | |
| 6 | 4031921 | 4 | Bolt, M8X85 | |
| 8 | 1001214829 | 2 | Clamp | |
| 10 | 1001219765 | 1 | Assembly, Ride and Float Valve (See Separate Breakdown in this Section) | |
| 11 | 1001192771 | 1 | Cylinder, Piston | |
| 12 | 1001192772 | 1 | Cylinder, Piston | |
| 13 | 1001225390 | 1 | Pipe | |
| 14 | 1001196402 | 2 | Bumper | |
| 15 | 1001200105 | 1 | Installation, Ride Control Wiring (See Separate Breakdown in ELECTRICAL Section) | |
| 16 | 1001202020 | 1 | Valve, MCV Tank Cartridge | |
| 17 | 1001225393 | 1 | Hose | |
| 18 | 1001226829 | 2 | Hose | |
| 19 | 1001227440 | 1 | Hose | |

## FIGURE 8-16. BOOM RAISE RIDE & FLOAT VALVE/FITTING ASSEMBLY (RIDE CONTROL)

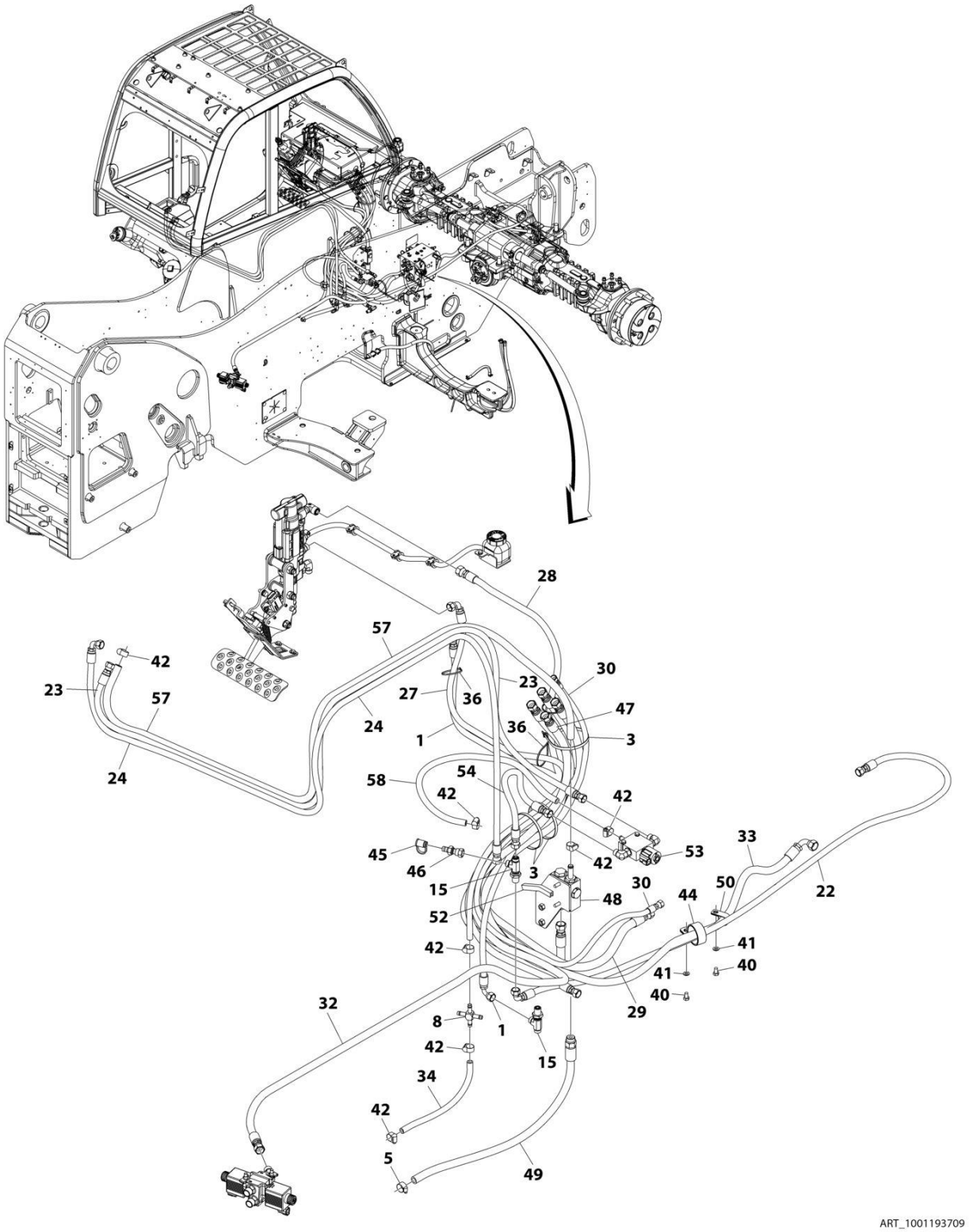



ART_1001219765-B

## FIGURE 8-16. BOOM RAISE RIDE & FLOAT VALVE/FITTING ASSEMBLY (RIDE CONTROL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219765 | Ref | Ride and Float Valve Assembly | B |
| 1 | 2130404 | 2 | Fitting, 90 ORFS | |
| 2 | 2131010 | 1 | Fitting, 90 ORFS | |
| 3 | 2131212 | 2 | Fitting, 90 ORFS | |
| 4 | 1001224945 | 1 | Valve, Boom Raise (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

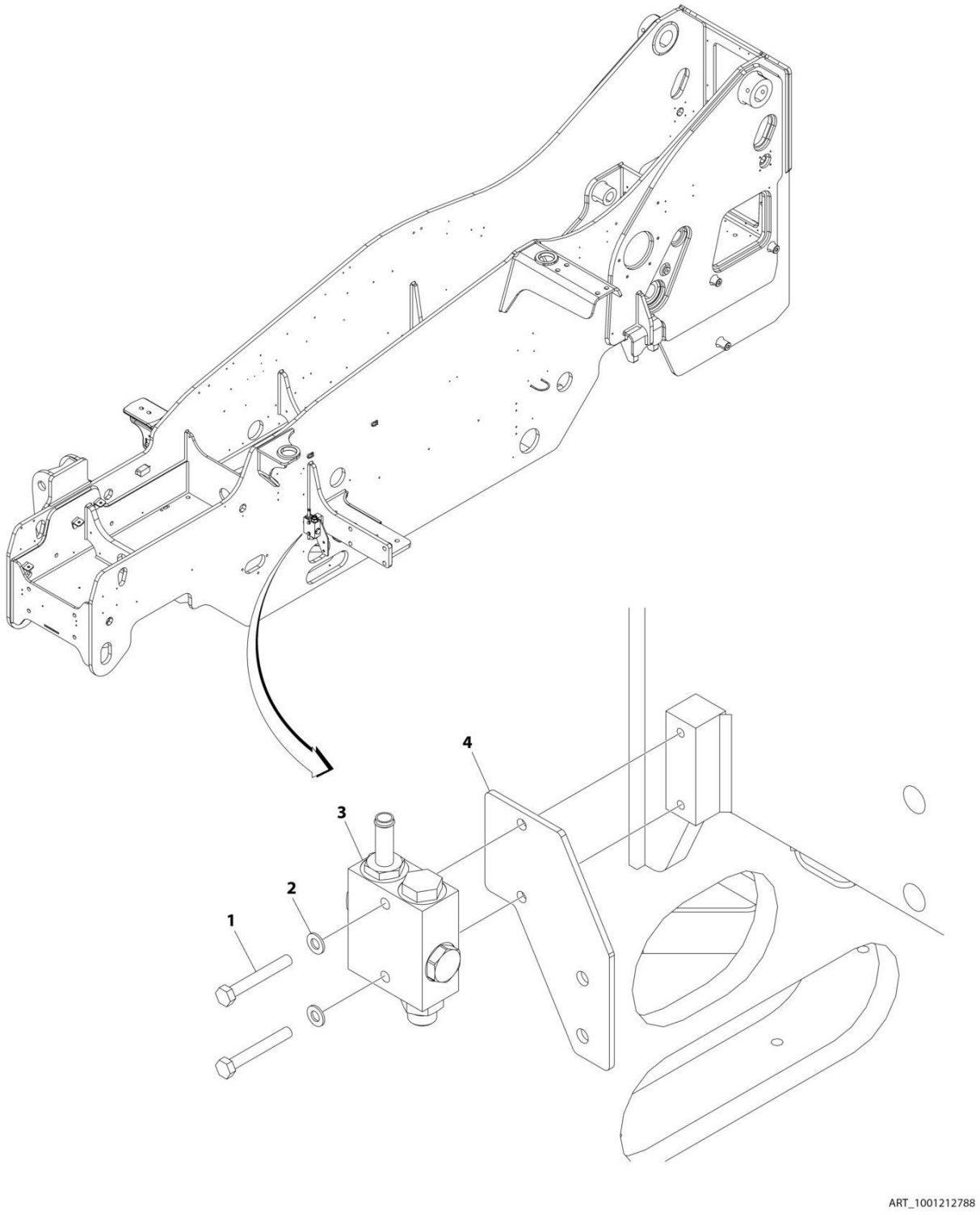
## FIGURE 8-17. CAB HYDRUALIC INSTALLATION



## FIGURE 8-17. CAB HYDRUALIC INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193709 | Ref | CAB HYDRUALIC INSTALLATION | J |
| 1 | 1001196989 | 1 | Hose | |
| 3 | 4240018 | 3 | Strap, Cable | |
| 5 | 8405006 | 1 | Clamp | |
| 8 | 1001215256 | 1 | Fitting, Cross Barb | |
| 15 | 88662434 | 2 | Fitting, Tee ORFS | |
| 22 | 1001210800 | 1 | Hose | |
| 23 | 1001221989 | 1 | Hose | |
| 24 | 1001210327 | 1 | Hose | |
| 27 | 1001206709 | 1 | Hose | |
| 28 | 1001210282 | 1 | Hose | |
| 29 | 1001196992 | 1 | Hose | |
| 30 | 1001196993 | 1 | Hose | |
| 32 | 1001196995 | 1 | Hose | |
| 33 | 1001196996 | 1 | Hose | |
| 34 | 1001196997 | 1 | Hose | |
| 36 | 4240099 | 3 | Tie, Wire | |
| 40 | 0760807 | 2 | Bolt M8 x 14 | |
| 41 | 4811900 | 2 | Washer M8 | |
| 42 | 8410013 | 7 | Clamp | |
| 44 | 85941018 | 1 | Clamp | |
| 45 | 8430032 | 1 | Plug | |
| 46 | 8430081 | 1 | Fitting, Straight ORFS | |
| 47 | 1001204152 | 1 | Hose | |
| 48 | 1001212788 | Ref | Installation, Check Valve (See Separate Breakdown in this Section) | |
| 49 | 1001212880 | 1 | Hose | |
| 50 | 8406201 | 1 | Clip | |
| 52 | 90206198 | 186 mm | Compound, Locking | |
| 53 | 1001221987 | Ref | Installation, Solenoid Valve (See Separate Breakdown in this Section) | |
| 54 | 1001221988 | 1 | Hose | |
| 57 | 2720160 | 2290 mm | Hose | |
| 58 | 1001008654 | 750 mm | Hose | |

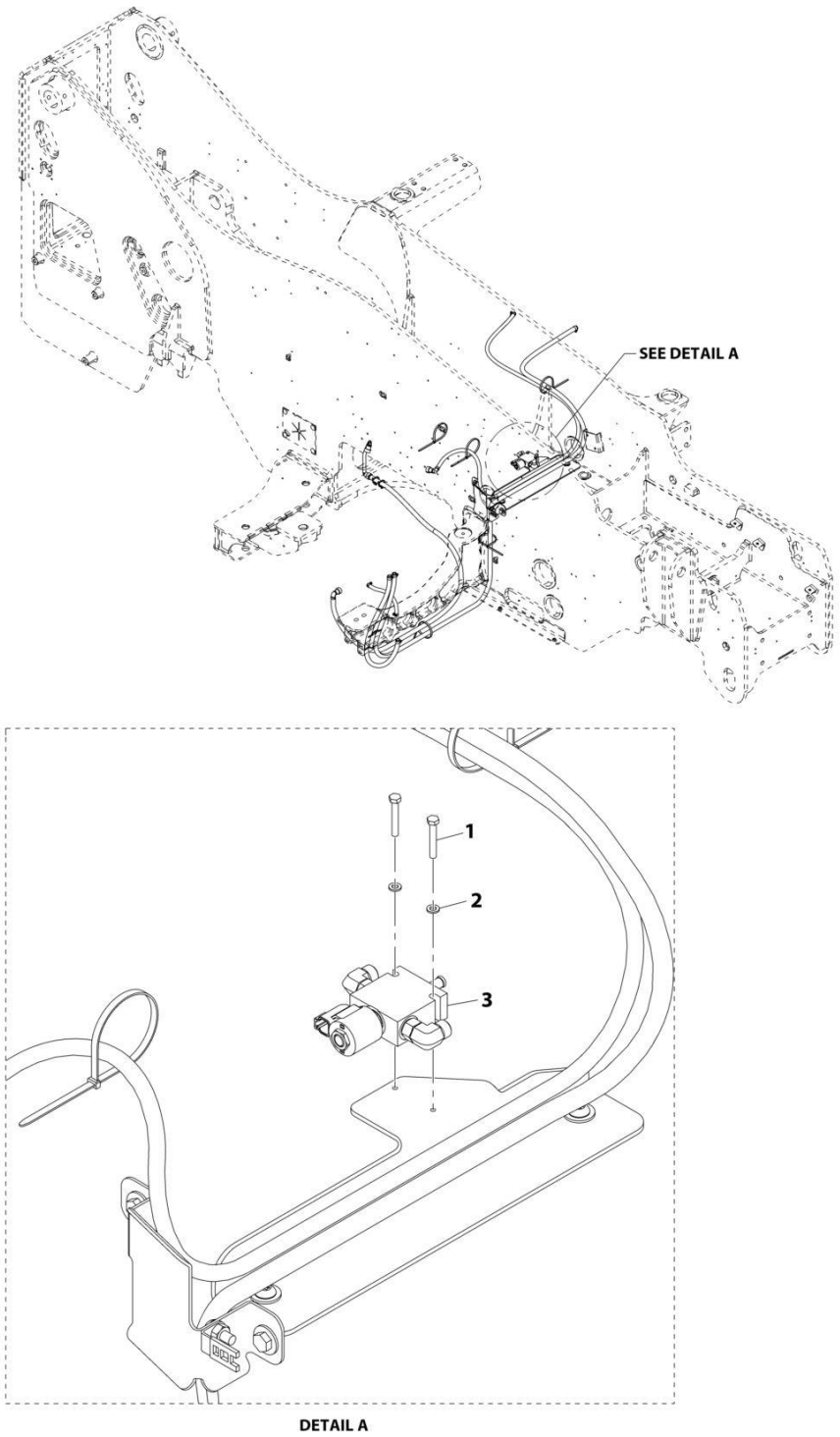
## FIGURE 8-18. CAB HYDRUALICS CHECK VALVE INSTALLATION



## FIGURE 8-18. CAB HYDRUALICS CHECK VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212788 | Ref | CAB HYDRUALICS CHECK VALVE INSTALLATION | B |
| 1 | 0700820 | 2 | Bolt M8 x 60 | |
| 2 | 4811900 | 2 | Washer M8 | |
| 3 | 1001212789 | 1 | Assembly, Check Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 4 | 1001219659 | 1 | Plate | |

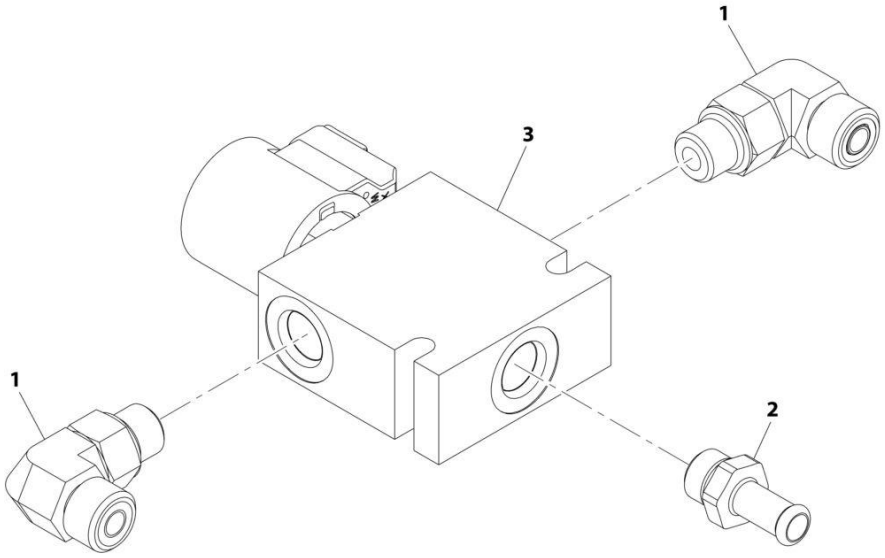
## FIGURE 8-19. CAB HYDRAULICS SOLENOID INSTALLATION



## FIGURE 8-19. CAB HYDRAULICS SOLENOID INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221987 | Ref | Solenoid Valve Installation | A |
| 1 | 0700616 | 2 | Bolt, M6X40 | |
| 2 | 4811700 | 2 | Washer, M6 | |
| 3 | 1001221986 | 1 | Assembly, Solenoid Valve (See Separate Breakdown in this Section) | |

## FIGURE 8-20. CAB HYDRAULICS SOLENOID FITTINGS INSTALLATION

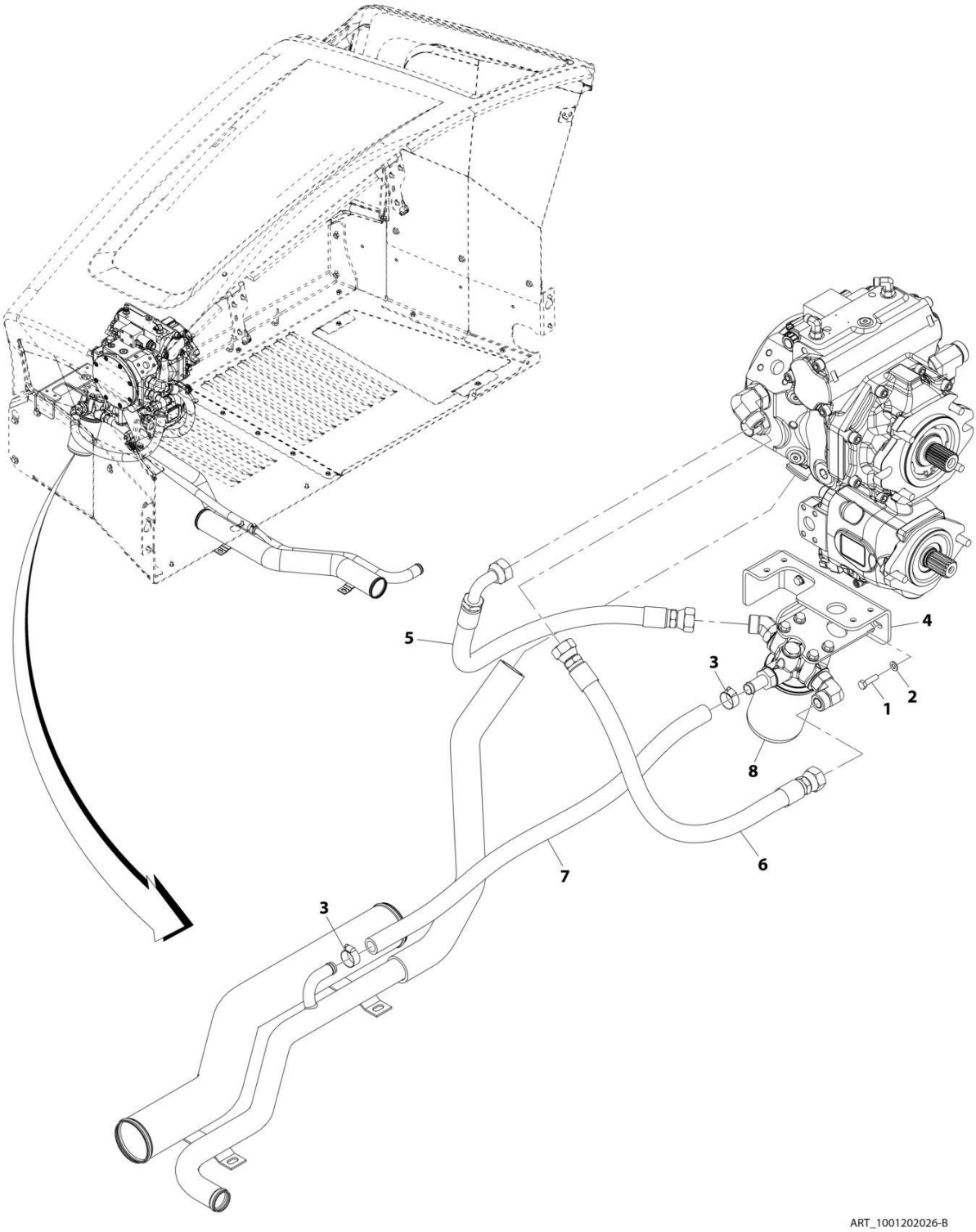



ART_1001221986-A

## FIGURE 8-20. CAB HYDRAULICS SOLENOID FITTINGS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221986 | Ref | Solenoid Valve/Fittings Assembly | A |
| 1 | 2130606 | 2 | Fitting, 90 ORFS | |
| 2 | 1001168030 | 1 | Fitting, Hose Barb | |
| 3 | 1001221928 | 1 | Valve, Solenoid (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

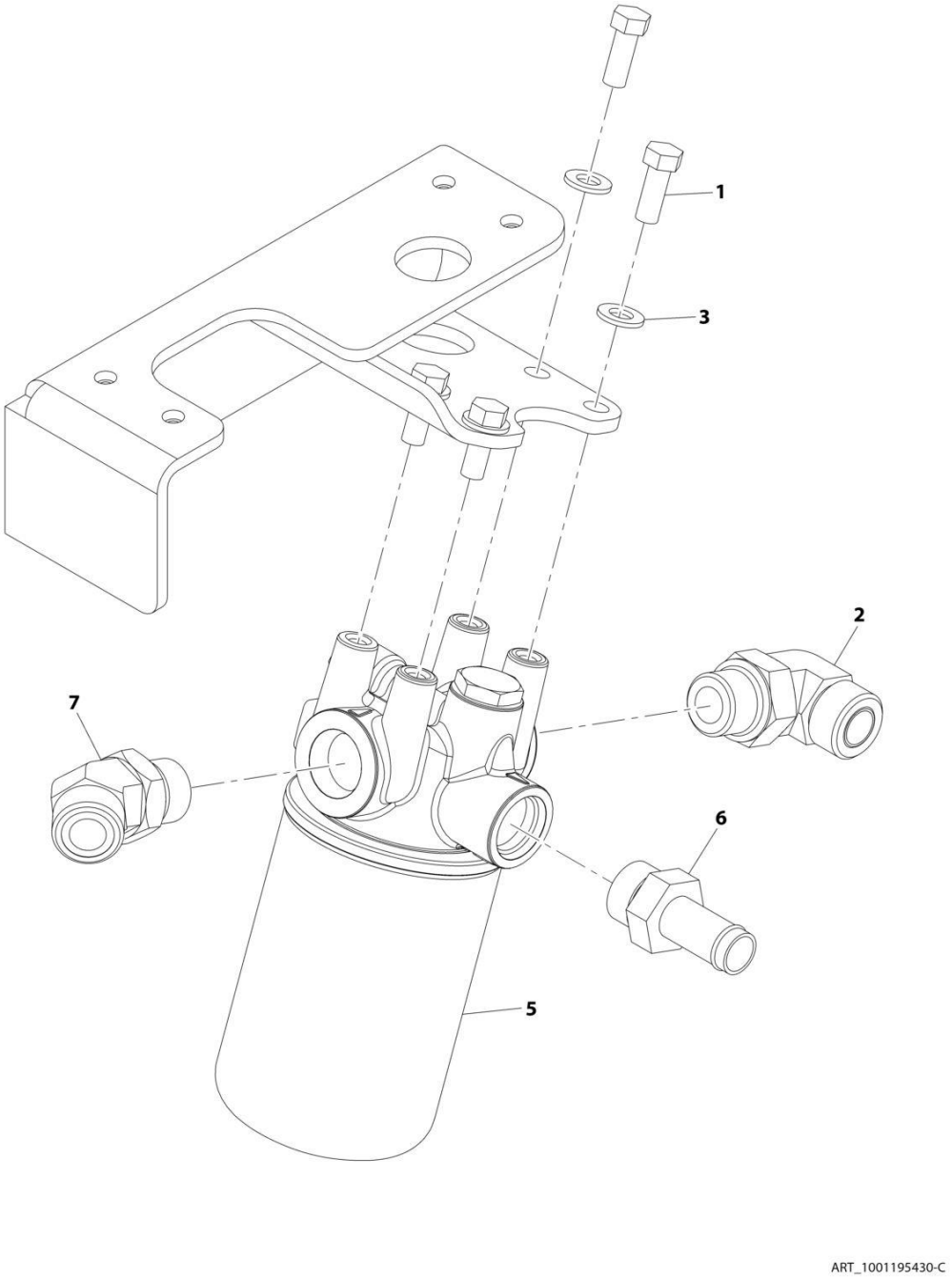
## FIGURE 8-21. CHARGE FILTER LINES INSTALLATION



## FIGURE 8-21. CHARGE FILTER LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202026 | Ref | Charge Filter Lines Installation | B |
| 1 | 0700814 | 2 | Bolt, M8X30 | |
| 2 | 4811900 | 2 | Washer, M8 | |
| 3 | 8405007 | 2 | Clamp | |
| 4 | 1001212184 | 1 | Bracket | |
| 5 | 1001195433 | 1 | Hose | |
| 6 | 1001195434 | 1 | Hose | |
| 7 | 1001195435 | 1 | Hose | |
| 8 | 1001195430 | Ref | Installation, Charge Filter (See Separate Breakdown in this Section) | |

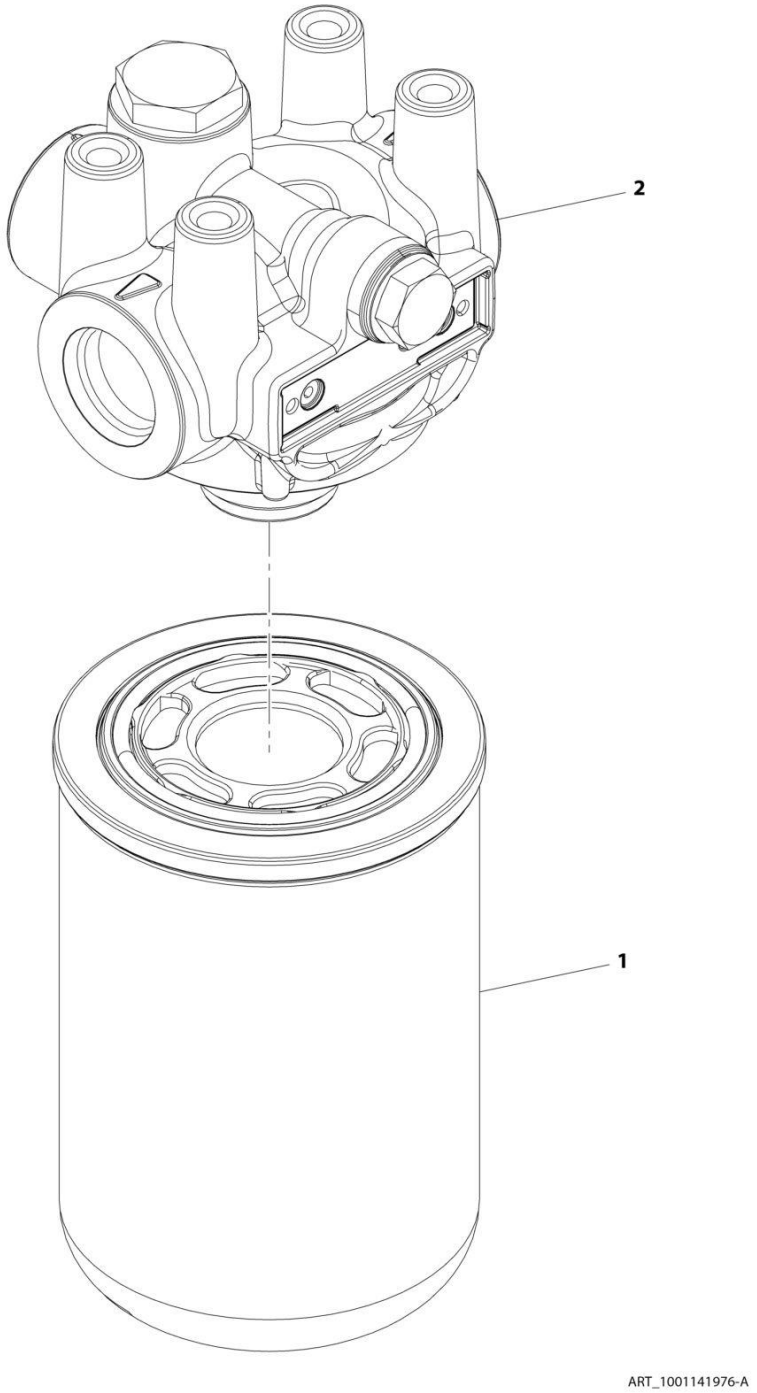
## FIGURE 8-22. CHARGE FILTER INSTALLATION



## FIGURE 8-22. CHARGE FILTER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195430 | Ref | Charge Filter Installation | C |
| 1 | 0641608 | 4 | Bolt, 3/8-16X1 | |
| 2 | 2131212 | 1 | Fitting, 90 ORFS | |
| 3 | 4812000 | 4 | Washer, M10 | |
| 5 | 1001141976 | 1 | Assembly, Charge Filter (See Separate Breakdown in this Section) | |
| 6 | 1001183700 | 1 | Fitting,Barb | |
| 7 | 2151212 | 1 | Fitting, 45 ORFS | |

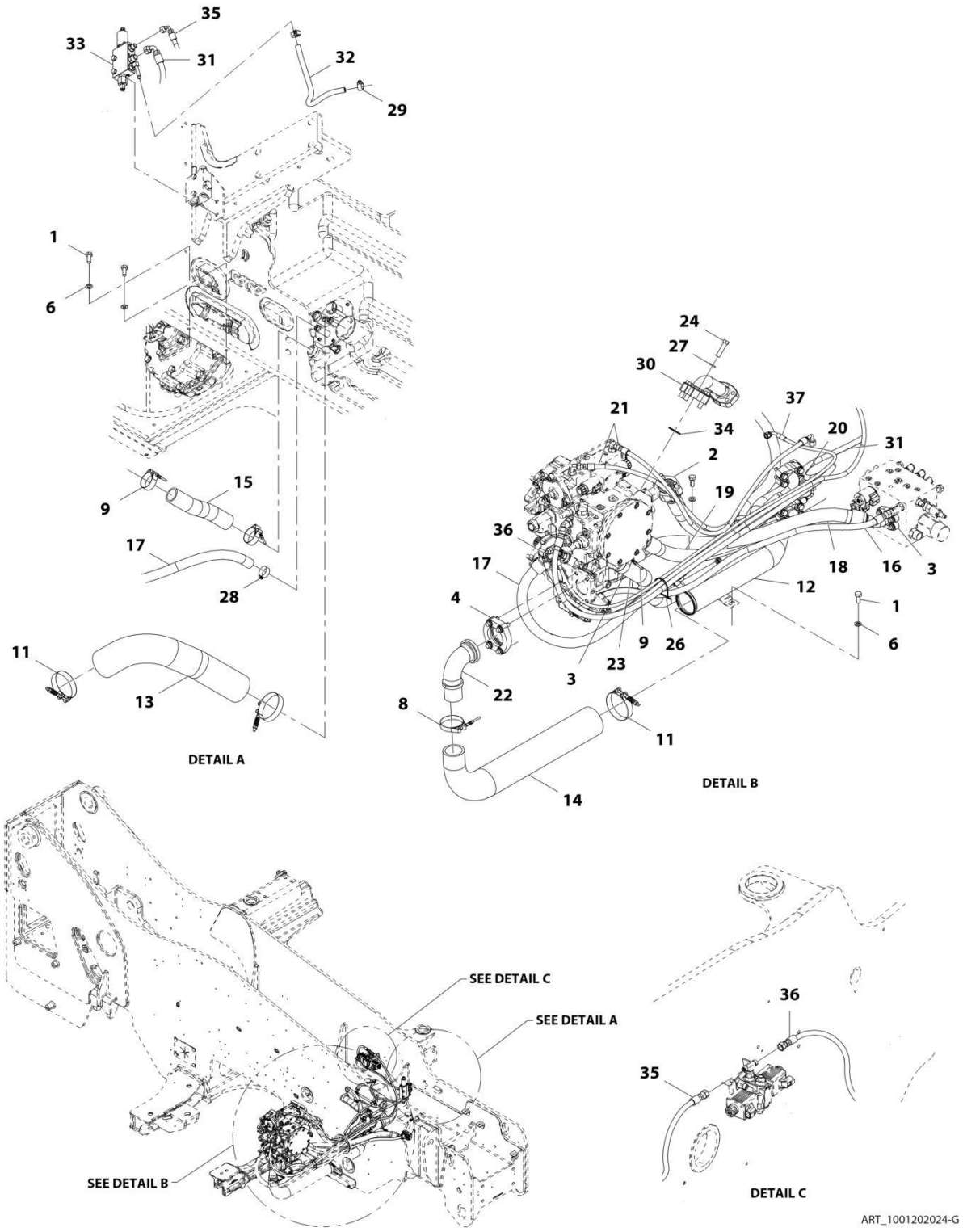
## FIGURE 8-23. CHARGE FILTER ASSEMBLY



## FIGURE 8-23. CHARGE FILTER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141976 | Ref | Implement Pump Filter Assembly | A |
| 1 | 1001141461 | 1 | Filter | |
| 2 | 1001141462 | 1 | Pump, Filter | |

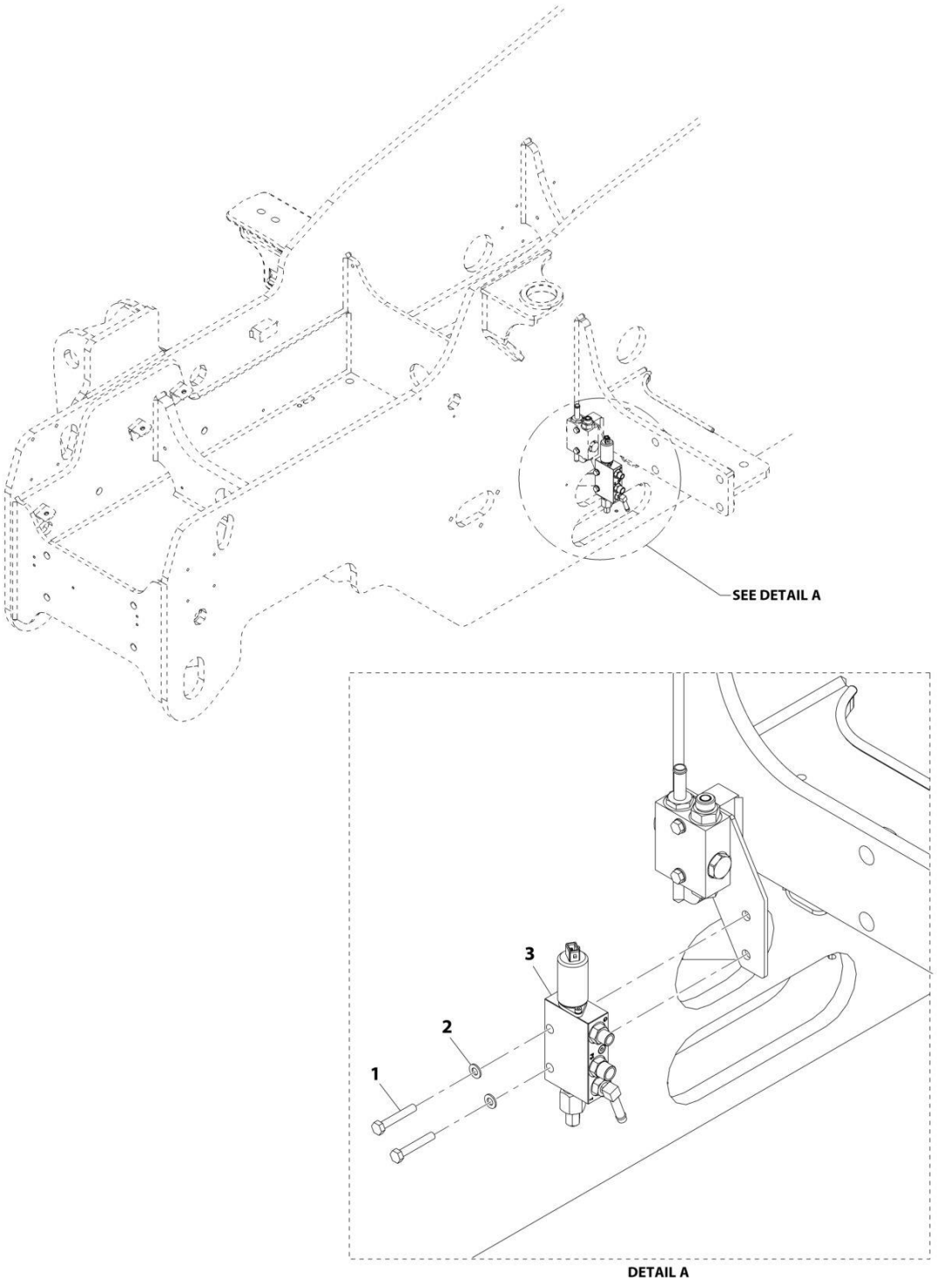
## FIGURE 8-24. ENGINE BAY HYDRAULIC INSTALLATION



## FIGURE 8-24. ENGINE BAY HYDRAULIC INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202024 | Ref | Engine Bay Installation | G |
| 1 | 0761012 | 4 | Bolt, M10X25 | |
| 2 | 1001217948 | 4 | Kit, Flange (includes mounting hardware and o-ring) | |
| 3 | 2171816 | 2 | Kit, Flange (includes mounting hardware and o-ring) | |
| 4 | 2171832 | 1 | Kit, Flange (includes mounting hardware and o-ring) | |
| 6 | 4812000 | 4 | Washer, M10 | |
| 8 | 1001005438 | 1 | Clamp | |
| 9 | 1001014231 | 4 | Clamp | |
| 11 | 1001186843 | 3 | Clamp | |
| 12 | 1001187272 | 1 | Pipe | |
| 13 | 1001187273 | 1 | Hose | |
| 14 | 1001187275 | 1 | Hose | |
| 15 | 1001193461 | 1 | Hose | |
| 16 | 1001196959 | 1 | Hose | |
| 17 | 1001215802 | 1 | Hose | |
| 18 | 1001214431 | 1 | Hose | |
| 19 | 1001214430 | 1 | Hose | |
| 20 | 1001214429 | 1 | Hose | |
| 21 | 1001215539 | 2 | Hose | |
| 22 | 8424233 | 1 | Fitting, 90 | |
| 23 | 1001202027 | 1 | Hose | |
| 24 | 0681714 | 4 | Bolt, 7/16-14X1 3/4 Grade 8 | |
| 26 | 4240099 | AR | Tie, Wire | |
| 27 | 4761700 | 4 | Washer, Lock 7/16 | |
| 28 | 8405007 | 1 | Clamp | |
| 29 | 8410013 | 2 | Clamp | |
| 30 | 1001200870 | 1 | Fitting, 90 | |
| 31 | 1001213306 | 1 | Hose | |
| 32 | 1001213307 | 1 | Hose | |
| 33 | 1001213308 | 1 | Installation, Inching Valve (See Separate Breakdown in this Section) | |
| 34 | 91083106 | 1 | O-Ring | |
| 35 | 1001215093 | 1 | Hose | |
| 36 | 1001215212 | 1 | Hose | |
| 37 | 1001223109 | 1 | Hose | |

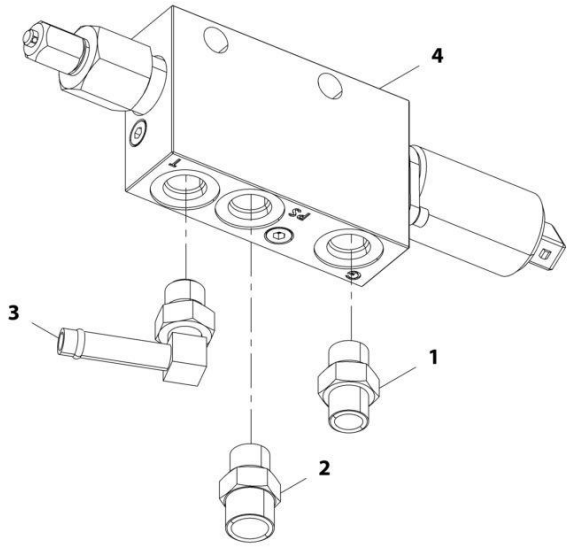
## FIGURE 8-25. ENGINE BAY INCHING VALVE INSTALLATION



## FIGURE 8-25. ENGINE BAY INCHING VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213308 | Ref | Inching Valve Installation | A |
| 1 | 0700818 | 2 | Bolt, M8X50 | |
| 2 | 4811900 | 2 | Washer, M8 | |
| 3 | 1001213309 | 1 | Assembly, Inching Valve (See Separate Breakdown in this Section) | |

## FIGURE 8-26. ENGINE BAY INCHING VALVE/FITINGS ASSEMBLY

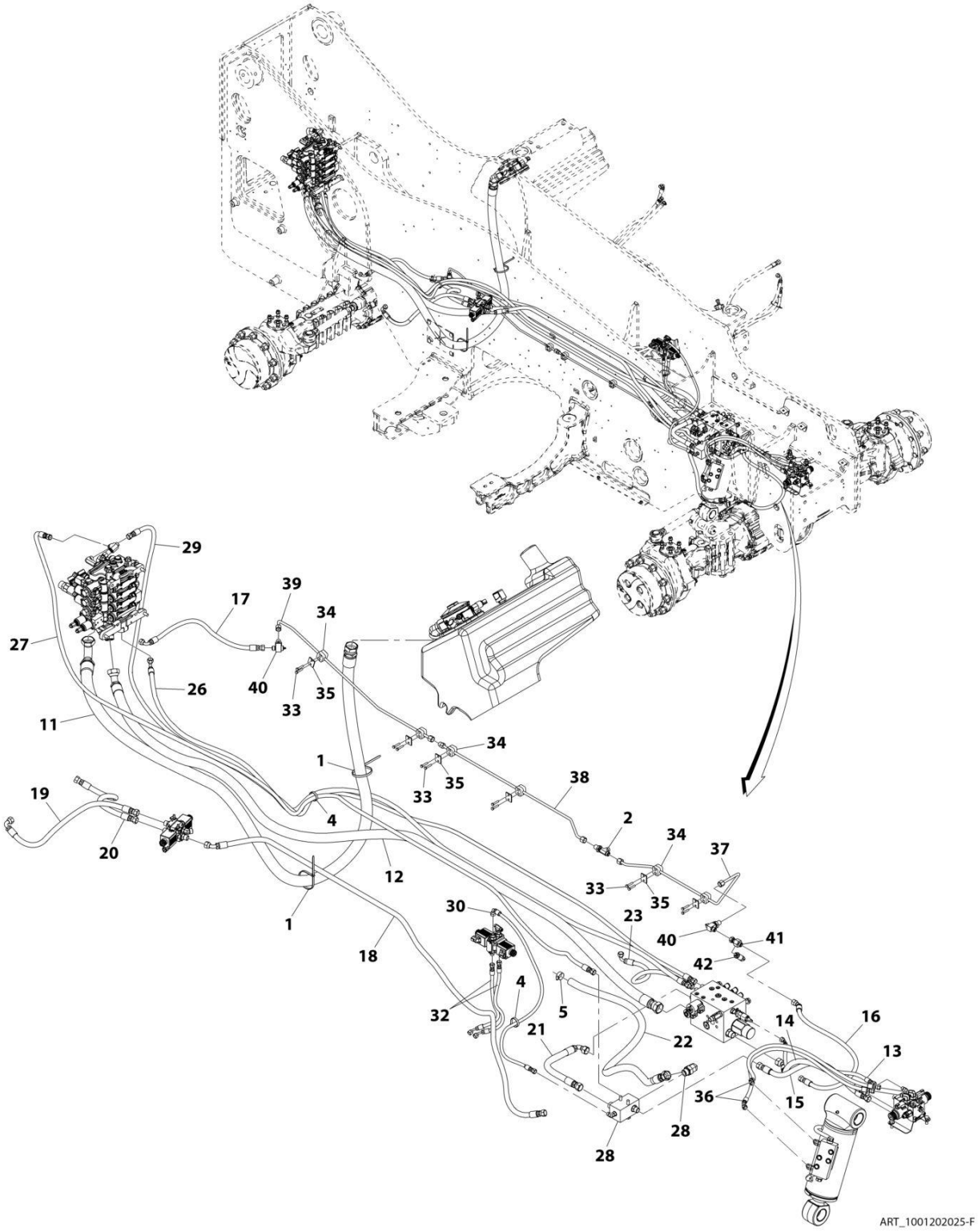



ART_1001213309-B

## FIGURE 8-26. ENGINE BAY INCHING VALVE/FITINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213309 | Ref | Inching Valve Assembly | B |
| 1 | 2110406 | 1 | Fitting, Straight ORFS | |
| 2 | 2110606 | 1 | Fitting, Straight ORFS | |
| 3 | 8430034 | 1 | Elbow, 90 | |
| 4 | 1001213311 | 1 | Valve, Inching (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

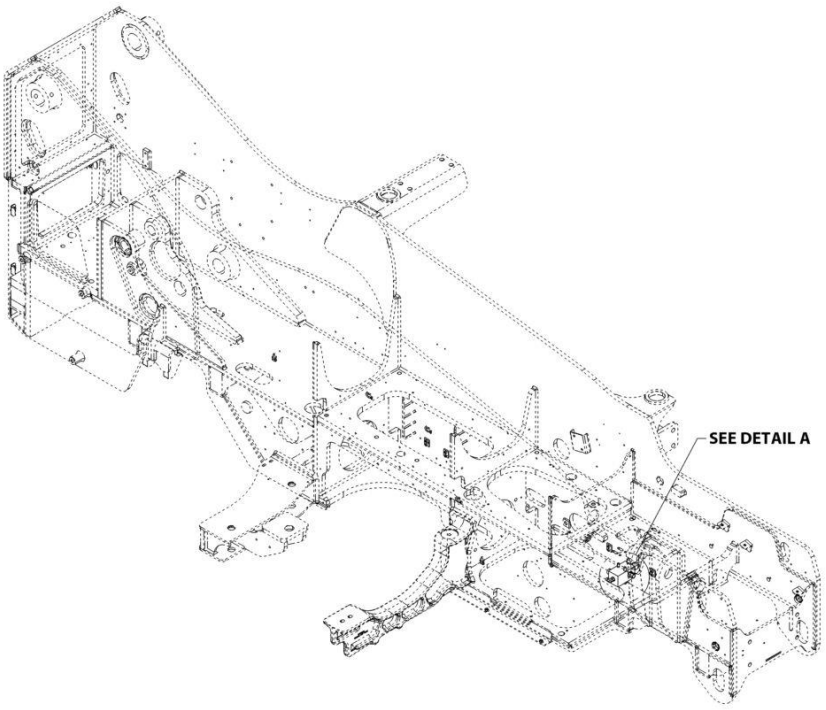
## FIGURE 8-27. FRAME HYDRAULIC INSTALLATION

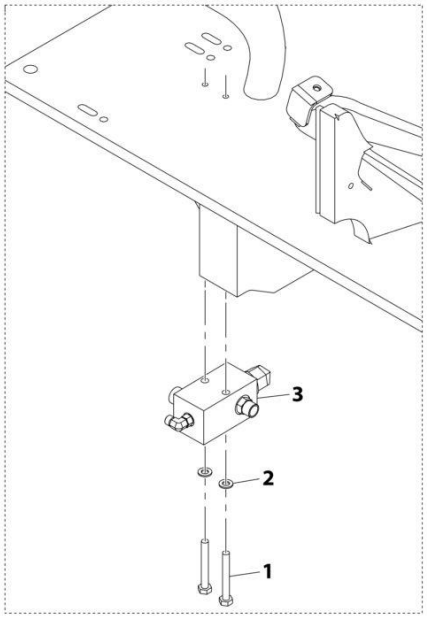


## FIGURE 8-27. FRAME HYDRAULIC INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202025 | Ref | Frame Hydraulic Installation | F |
| 1 | 1062255 | 2 | Strap, Tie | |
| 2 | 88662434 | 1 | Fitting, Tee ORFS | |
| 4 | 4240018 | 2 | Strap, Tie | |
| 5 | 8405007 | 1 | Clamp | |
| 11 | 1001196964 | 1 | Hose | |
| 12 | 1001196967 | 1 | Hose | |
| 13 | 1001210635 | 1 | Hose | |
| 14 | 1001196969 | 1 | Hose | |
| 15 | 1001196970 | 1 | Hose | |
| 16 | 1001208532 | 1 | Hose | |
| 17 | 1001208534 | 1 | Hose | |
| 18 | 1001196973 | 1 | Hose | |
| 19 | 1001196974 | 1 | Hose | |
| 20 | 1001196975 | 1 | Hose | |
| 21 | 1001196976 | 1 | Hose | |
| 22 | 1001196977 | 1 | Hose | |
| 23 | 1001196978 | 1 | Hose | |
| 26 | 1001196981 | 1 | Hose | |
| 27 | 1001196982 | 1 | Hose | |
| 28 | 1001197197 | Ref | Installation, Manifold (See Separate Breakdown in this Section) | |
| 29 | 1001197199 | 1 | Hose | |
| 30 | 1001197200 | 1 | Hose | |
| 32 | 1001211020 | 2 | Hose | |
| 33 | 0700614 | 12 | Bolt, M6X30 | |
| 34 | 9106-3040 | 6 | Clamp | |
| 35 | 9106-3039 | 6 | Plate, Cover | |
| 36 | 1001205573 | 2 | Hose | |
| 37 | 1001207788 | 1 | Pipe | |
| 38 | 1001207789 | 1 | Pipe | |
| 39 | 1001207790 | 1 | Pipe | |
| 40 | 1001210797 | 2 | Bleeder, Brake | |
| 41 | 1001111140 | 1 | Fitting, ORFS | |
| 42 | 1001147340 | 1 | Sensor, Pressure | |

## FIGURE 8-28. FRAME MANIFOLD INSTALLATION



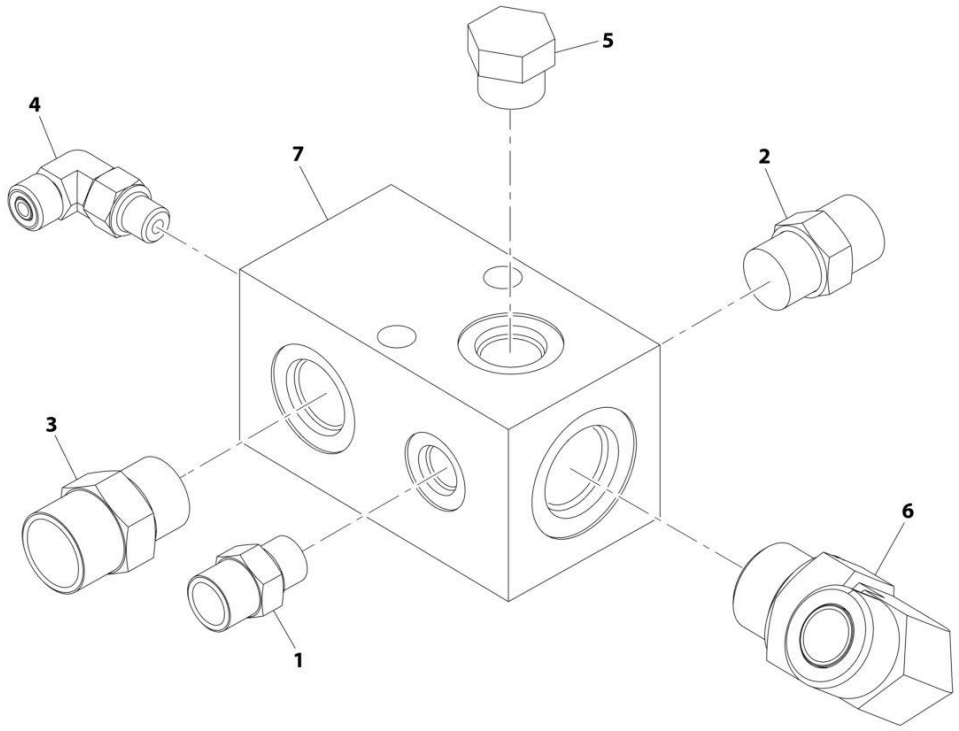

DETAIL A

ART_1001197197-B

## FIGURE 8-28. FRAME MANIFOLD INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001197197 | Ref | Manifold Installation | B |
| 1 | 0701024 | 2 | Bolt, M10X80 | |
| 2 | 4812000 | 2 | Washer, M10 | |
| 3 | 1001197198 | 1 | Assembly, Manifold (See Separate Breakdown in this Section) | |

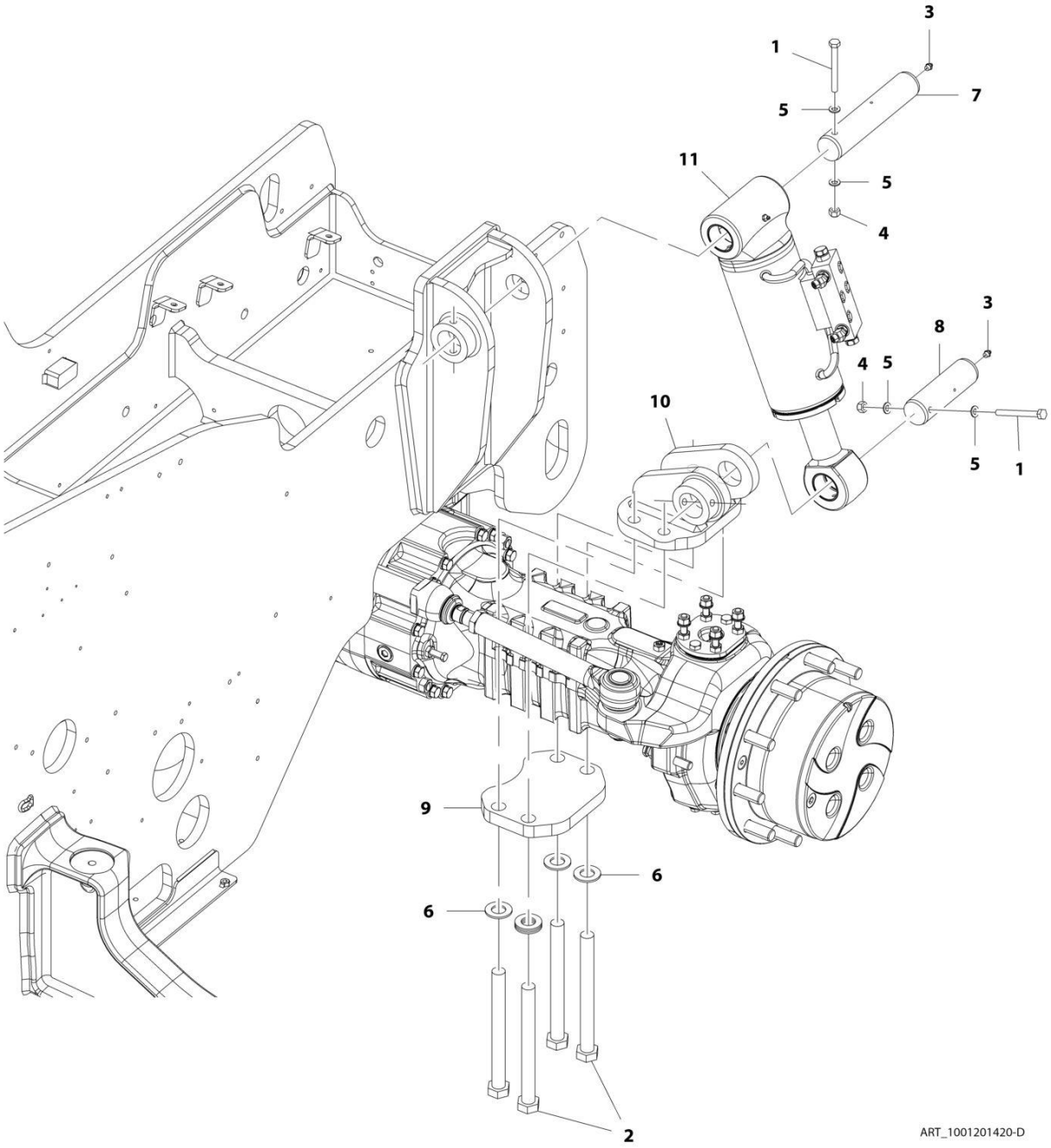
## FIGURE 8-29. FRAME MANIFOLD/FITTINGS ASSEMBLY



## FIGURE 8-29. FRAME MANIFOLD/FITTINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001197198 | Ref | Manifold Assembly | D |
| 1 | 2110606 | 1 | Fitting, Straight ORFS | |
| 2 | 2110808 | 1 | Fitting, Straight ORFS | |
| 3 | 2111010 | 1 | Fitting, Straight ORFS | |
| 4 | 2130404 | 1 | Fitting, 90 ORFS | |
| 5 | 2220238 | 1 | Plug | |
| 6 | 2131212 | 1 | Fitting, 90 ORFS | |
| 7 | 1001228504 | 1 | Manifold | |

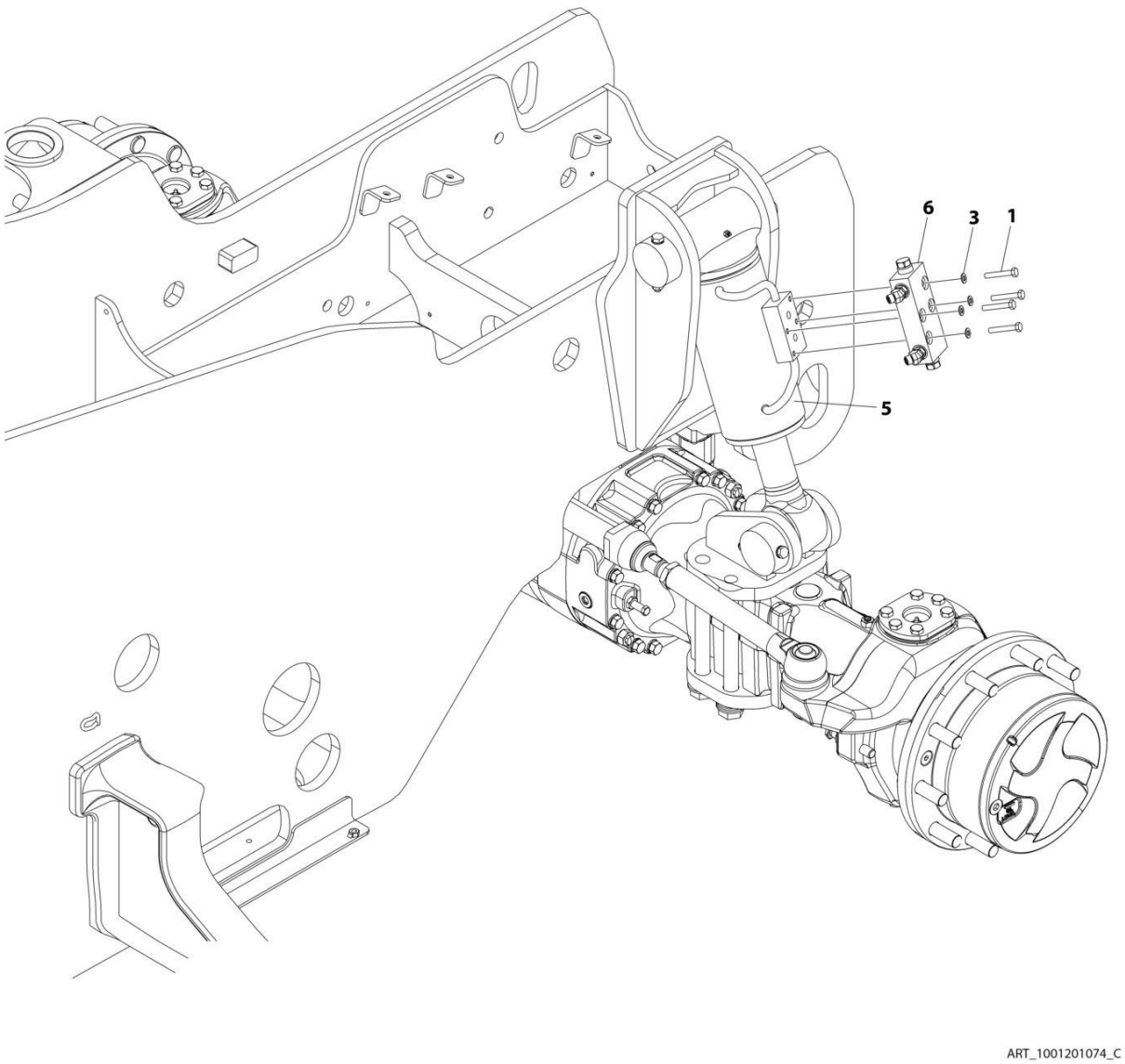
## FIGURE 8-30. FRAME LEVEL INSTALLATION



## FIGURE 8-30. FRAME LEVEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201420 | Ref | Frame Level Installation | D |
| 1 | 0701027 | 2 | Bolt, M10X100 | |
| 2 | 0712442 | 4 | Bolt, M24X250 Grade 10.9 | |
| 3 | 2160016 | 2 | Fitting, Grease | |
| 4 | 3291005 | 2 | Nut, Lock M0X1.5 Grade 8 | |
| 5 | 4812000 | 4 | Washer, M10 | |
| 6 | 5242400 | 6 | Washer, M24 | |
| 7 | 1001164971 | 1 | Pin | |
| 8 | 1001164972 | 1 | Pin | |
| 9 | 1001207325 | 1 | Plate, Sway Bottom | |
| 10 | 1001200226 | 1 | Bracket, Axle Sway | |
| 11 | 1001201074 | Ref | Installation, Frame Level Cylinder (See Separate Breakdown in this Section) | |

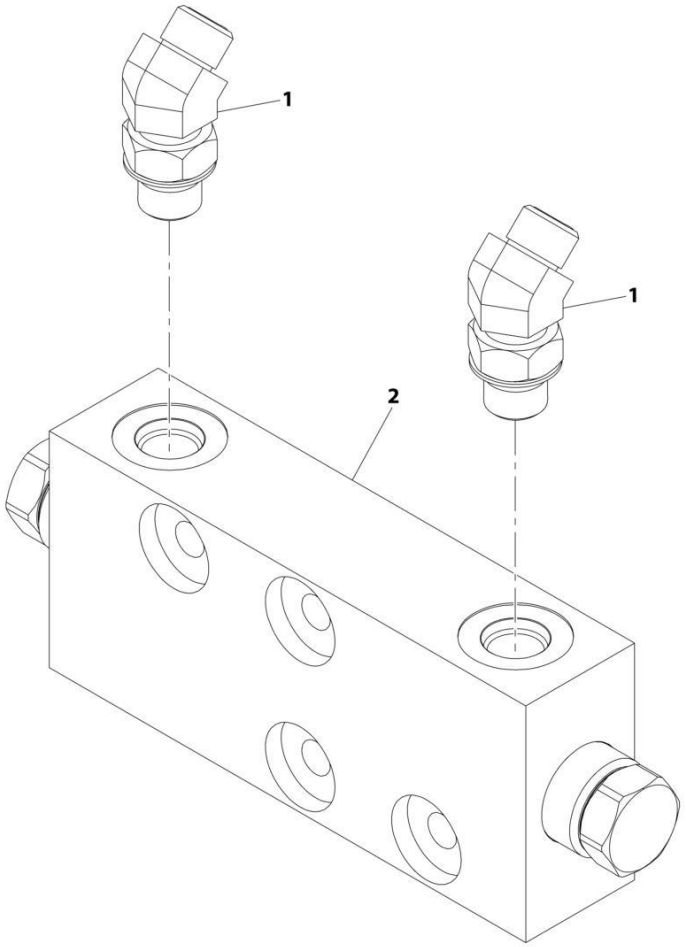
## FIGURE 8-31. FRAME LEVEL CYLINDER INSTALLATION



## FIGURE 8-31. FRAME LEVEL CYLINDER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201074 | Ref | FRAME LEVEL CYLINDER INSTALLATION | C |
| 1 | 0700818 | 4 | Bolt M8 x 50 | |
| 3 | 4811900 | 4 | Washer M8 | |
| 5 | 1001267973 | 1 | Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 6 | 1001217482 | 1 | Assembly, Frame Level Valve (See Separate Breakdown in this Section) | |

## FIGURE 8-32. FRAME LEVEL COUNTERBALANCE VALVE/FITTINGS ASSEMBLY

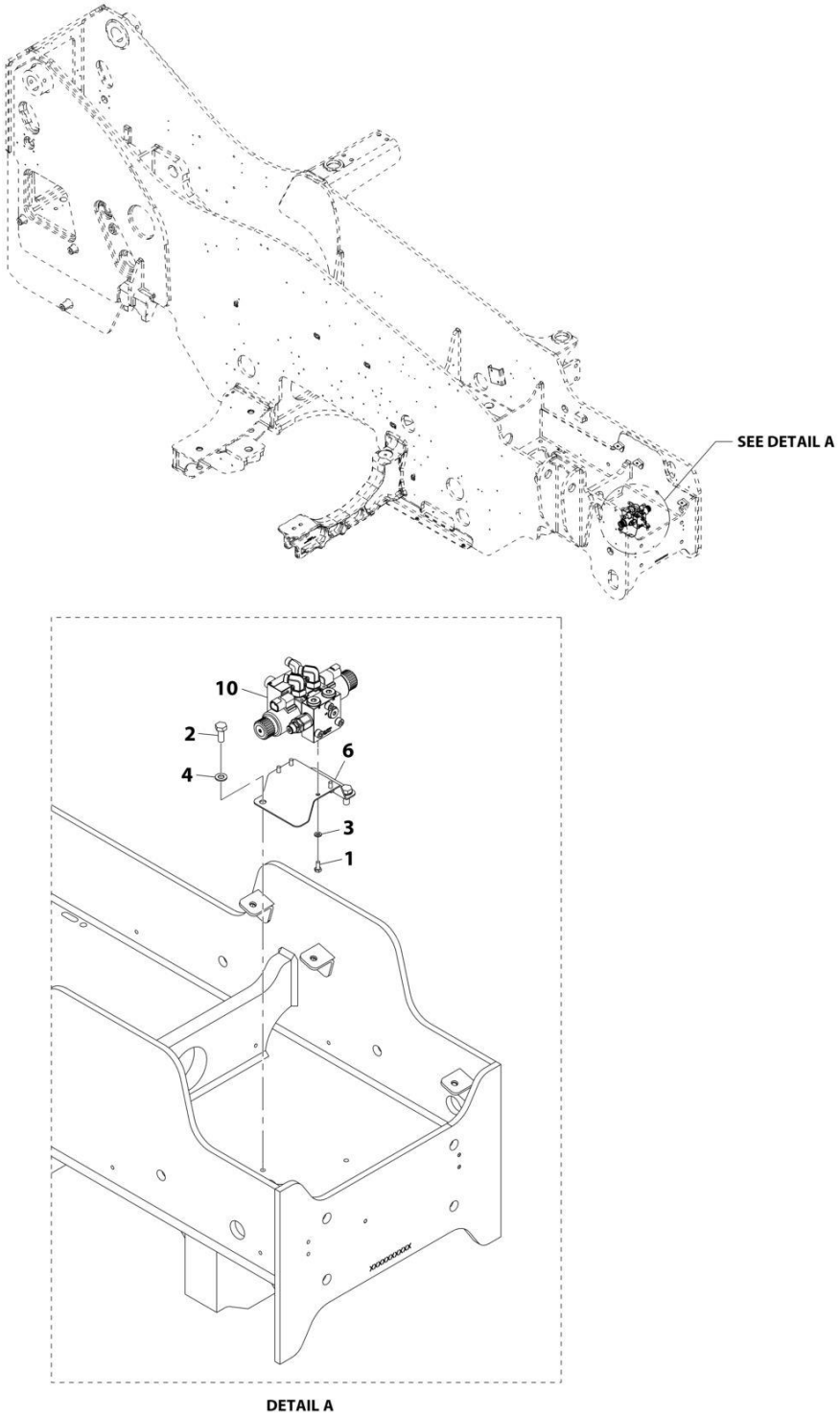



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## FIGURE 8-32. FRAME LEVEL COUNTERBALANCE VALVE/FITTINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217482 | Ref | Frame Level Valve Assembly | A |
| 1 | 2150406 | 2 | Fitting, 45 ORFS | |
| 2 | 1001168599 | 1 | Valve, Counterbalance (See Separate Breakdown in the HYDRAULIC COMPONENTS Section) | |

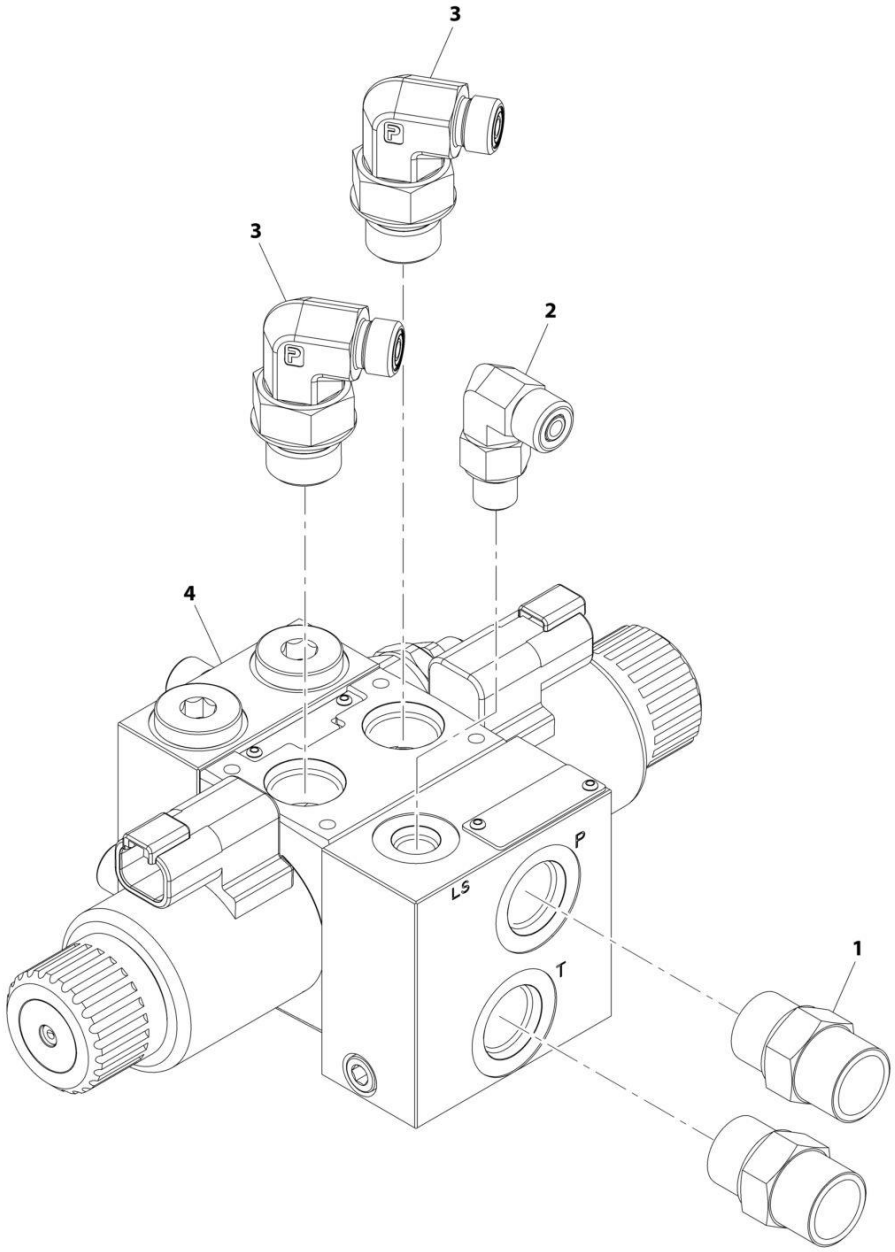
## FIGURE 8-33. FRAME LEVEL CONTROL VALVE INSTALLATION



## FIGURE 8-33. FRAME LEVEL CONTROL VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193517 | Ref | Frame Level Valve Installation | D |
| 1 | 0760607 | 4 | Bolt, M6X14 | |
| 2 | 0761012 | 2 | Bolt, M10X25 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4812000 | 2 | Washer, M10 | |
| 6 | 1001195733 | 1 | Bracket | |
| 10 | 1001215341 | 1 | Assembly, Frame Level Valve (See Separate Breakdown in this Section) | |

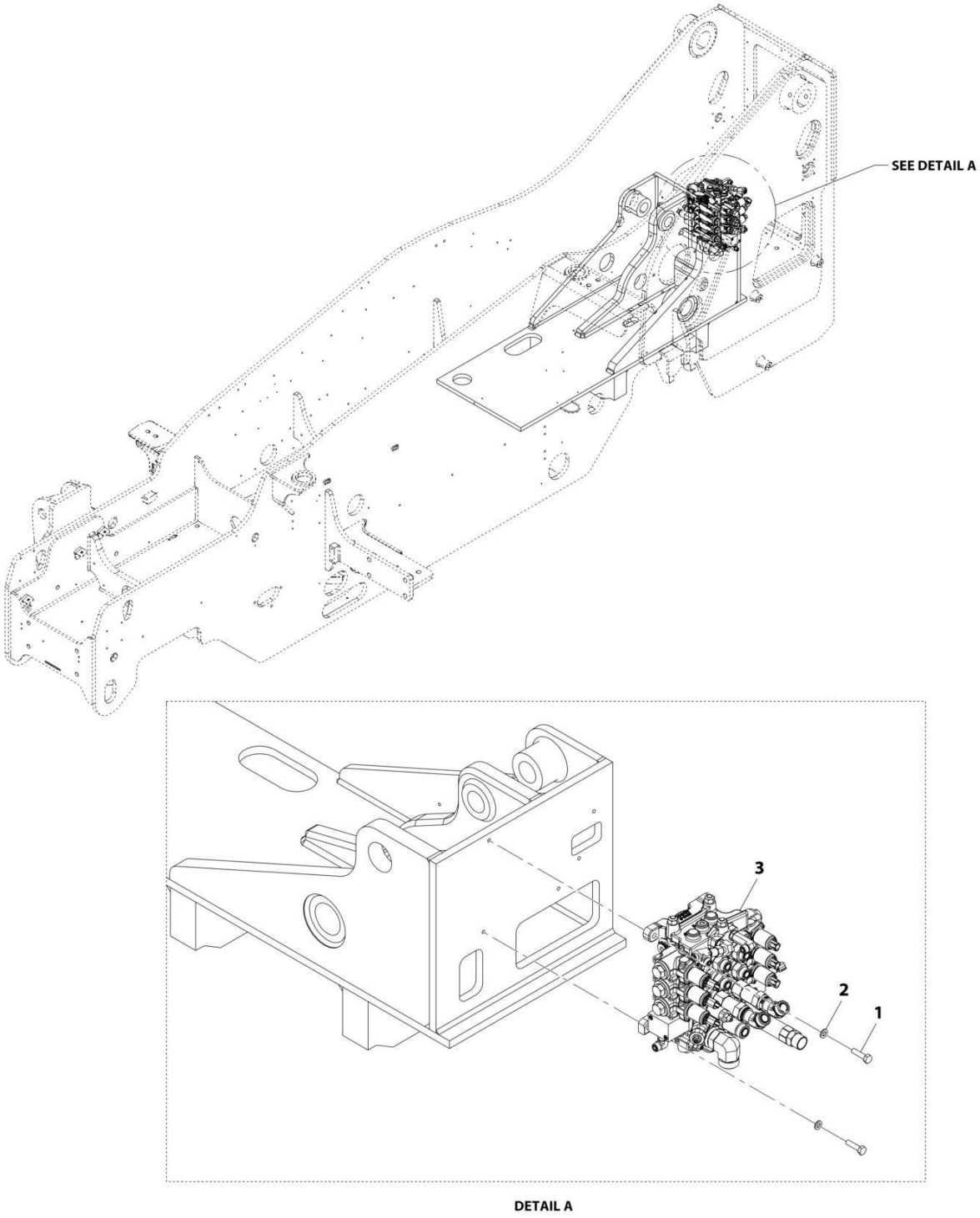
## FIGURE 8-34. FRAME LEVEL CONTROL VALVE/FITTINGS ASSEMBLY



## FIGURE 8-34. FRAME LEVEL CONTROL VALVE/FITTINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001215341 | Ref | Frame Level Valve Assembly | B |
| 1 | 2110808 | 2 | Fitting, Straight ORFS | |
| 2 | 2130404 | 1 | Fitting, 90 ORFS | |
| 3 | 2130408 | 2 | Fitting, 90 ORFS | |
| 4 | 1001219615 | 1 | Valve, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

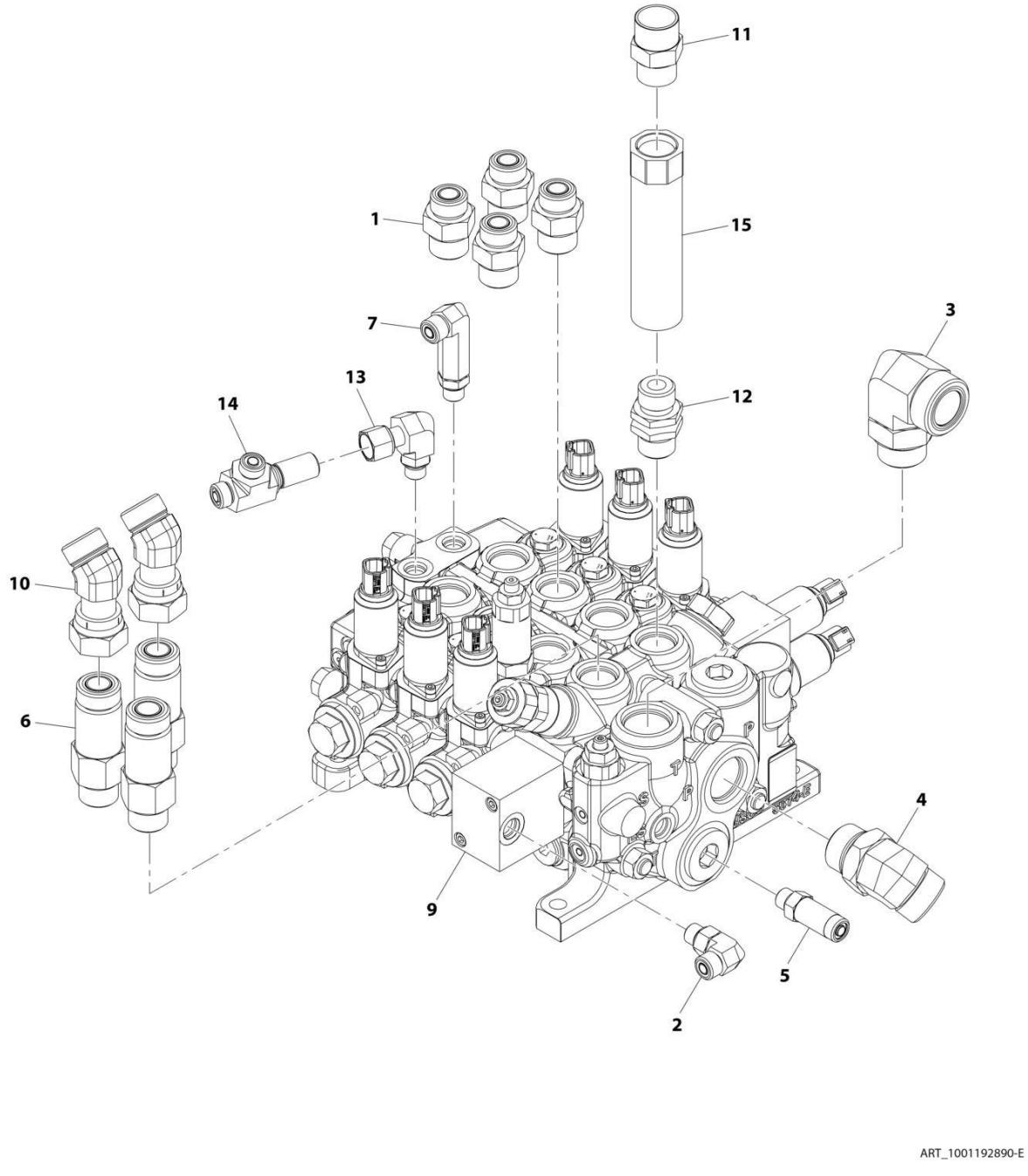
## FIGURE 8-35. MAIN CONTROL VALVE INSTALLATION



## FIGURE 8-35. MAIN CONTROL VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192889 | Ref | Main Control Valve Installation | C |
| 1 | 0701016 | 3 | Bolt, M10X40 | |
| 2 | 4812000 | 3 | Washer, M10 | |
| 3 | 1001192890 | 1 | Assembly, Main Control Valve (See Separate Breakdown in this Section) | |

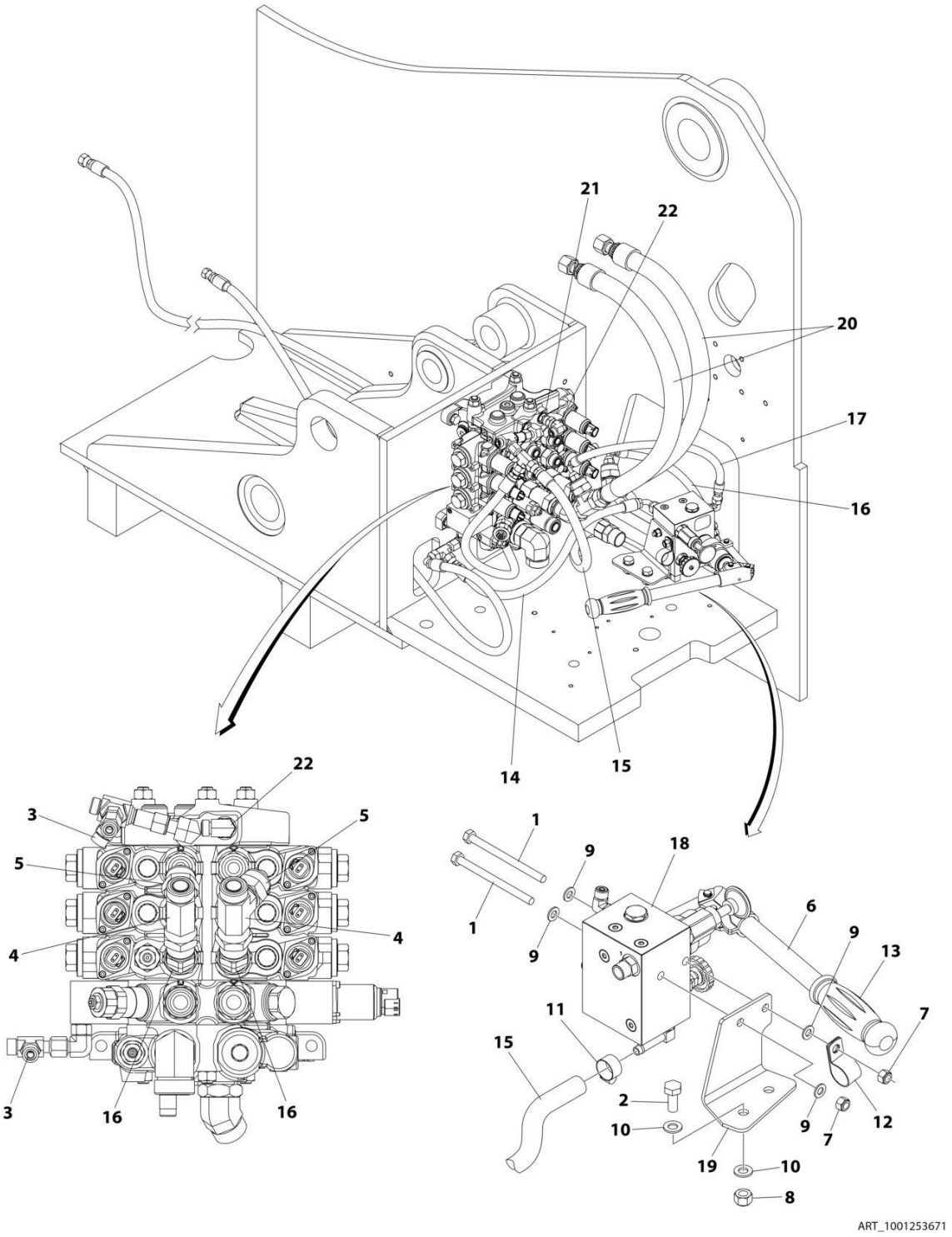
## FIGURE 8-36. MAIN CONTROL VALVE/FITTINGS ASSEMBLY



## FIGURE 8-36. MAIN CONTROL VALVE/FITTINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192890 | Ref | Main Control Valve Assembly | E |
| 1 | 2111012 | 4 | Fitting, Straight ORFS | |
| 2 | 2130606 | 1 | Fittiing, 90 ORFS | |
| 3 | 2132016 | 1 | Fitting, 90 ORFS | |
| 4 | 2151616 | 1 | Fitting, 45 ORFS | |
| 5 | 2170106 | 1 | Fitting, Straight ORFS | |
| 6 | 2170112 | 3 | Fitting, Straight ORFS | |
| 7 | 2170206 | 1 | Fitting, 90 ORFS | |
| 9 | 1001241880 | 1 | Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 10 | 1001151238 | 2 | Fitting, 45 ORFS | |
| 11 | 2111212 | 1 | Fitting, Straight ORFS | |
| 12 | 8770030 | 1 | Fitting, Straight ORFS | |
| 13 | 8770104 | 1 | Fitting, 90 ORFS | |
| 14 | 8770286 | 1 | Fitting, Tee ORFS | |
| 15 | 1001224946 | 1 | Vlave, Check | |

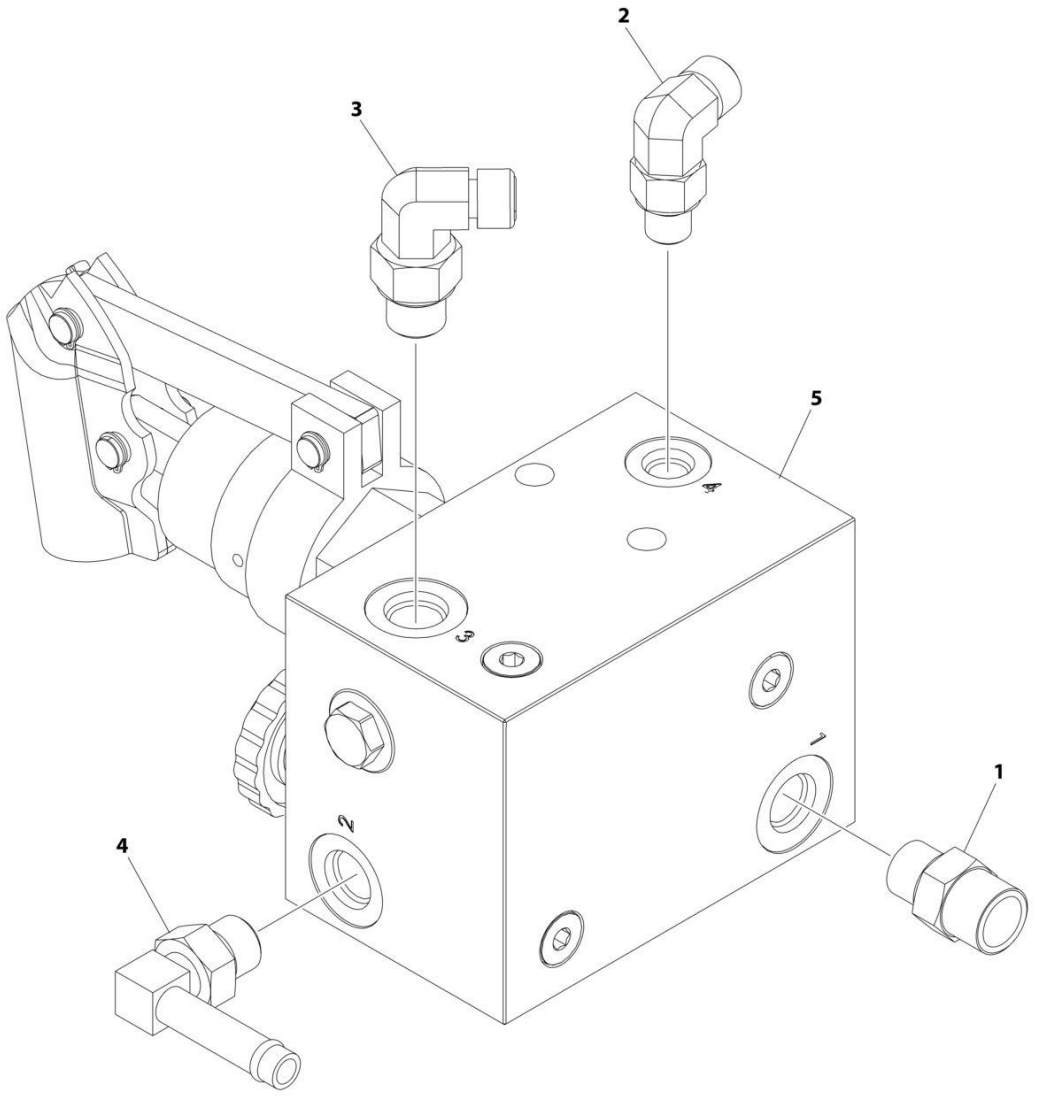
## FIGURE 8-37. MANUAL PUMP (LIFT/TELE) INSTALLATION - REMOTE CONTROL EMERGENCY LOWERING



## FIGURE 8-37. MANUAL PUMP (LIFT/TELE) INSTALLATION - REMOTE CONTROL EMERGENCY LOWERING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001253671 | Ref | Manual Pump (Lift/Tele) Installation | A |
| 1 | 0700828 | 2 | Bolt M8 x 110 | |
| 2 | 0761012 | 2 | Bolt M10 x 25 | |
| 3 | 2170706 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 4 | 2170712 | 2 | Fitting, Tee ORFS/FSORFS/ORFS | |
| 5 | 2221221 | 2 | Fitting, Straight ORFS/FSORFS | |
| 6 | 2560122 | 1 | Handle | |
| 7 | 3290805 | 2 | Nut M8 | |
| 8 | 3291005 | 2 | Nut M10 | |
| 9 | 4811900 | 4 | Washer M8 | |
| 10 | 4812000 | 4 | Washer M10 | |
| 11 | 8405006 | 1 | Clamp | |
| 12 | 8406201 | 1 | Clip | |
| 13 | 1001114761 | 1 | Grip, Handle | |
| 14 | 1001255519 | 1 | Hose | |
| 15 | 1001255520 | 1 | Hose | |
| 16 | 1001255521 | 1 | Hose | |
| 17 | 1001255522 | 1 | Hose | |
| 18 | 1001255536 | 1 | Valve and Fittings Assembly (Manual Lift/Tele) (See Separate Breakdown in this Section) | |
| 19 | 1001255568 | 1 | Plate | |
| 20 | 1001255567 | 2 | Hose | |
| 21 | 80333184 | 1 | Fitting, Check | |
| 22 | 2172106 | 1 | Fitting, 90 ORFS/FSORFS | |

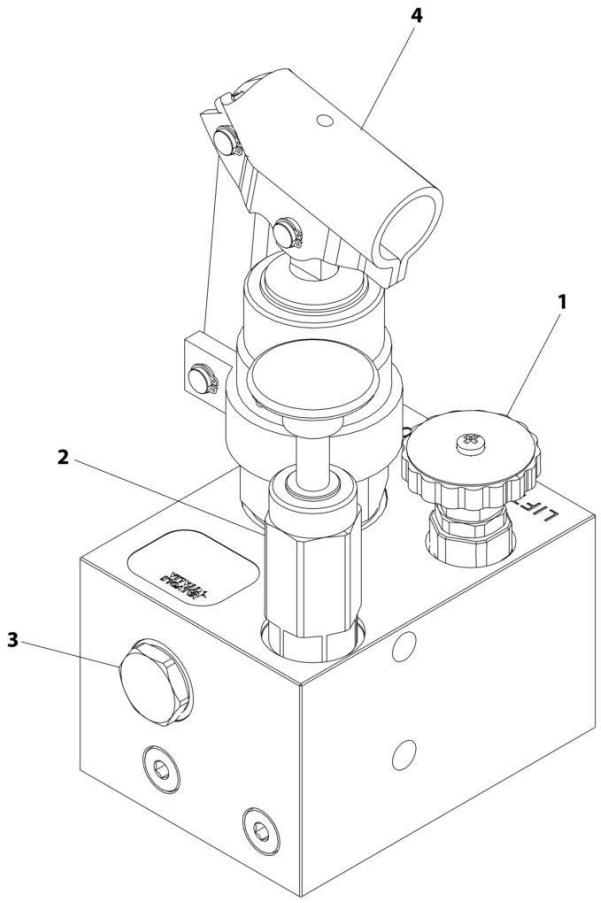
## FIGURE 8-38. VALVE & FITTING ASSEMBLY - MANUAL LIFT/TELE



## FIGURE 8-38. VALVE & FITTING ASSEMBLY - MANUAL LIFT/TELE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001255536 | Ref | Valve & Fitting Assembly - Manual Lift/Tele | A |
| 1 | 2110606 | 1 | Fitting, Straight ORFS/ORB | |
| 2 | 2130404 | 1 | Fitting, 90 ORFS/ORB | |
| 3 | 2130406 | 1 | Fitting, 90 ORFS/ORB | |
| 4 | 8430034 | 1 | Fitting, 90 | |
| 5 | 1001253661 | 1 | Valve Assembly - Lift/Tele (See Separate Breakdown in this Section) | |

## FIGURE 8-39. VALVE ASSEMBLY - MANUAL LIFT/TELE

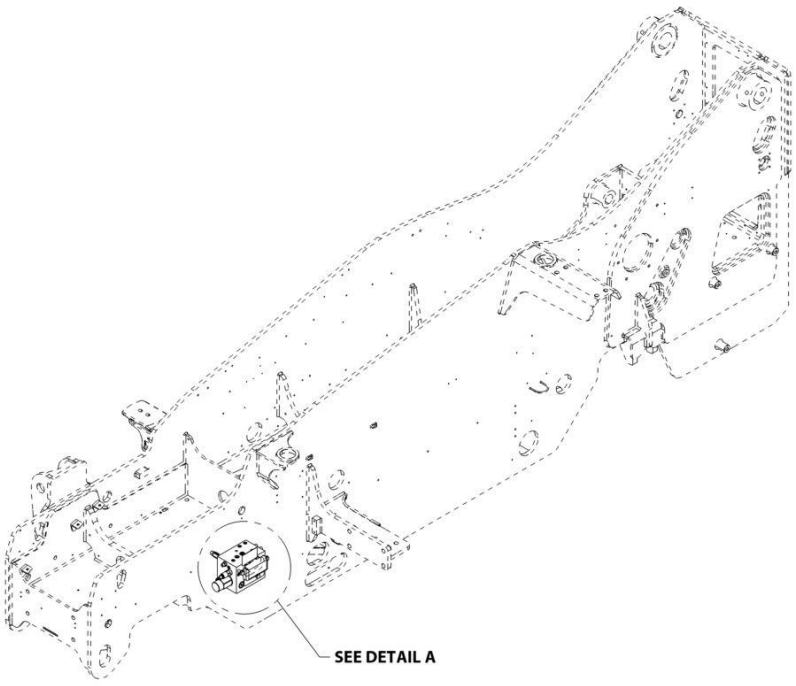


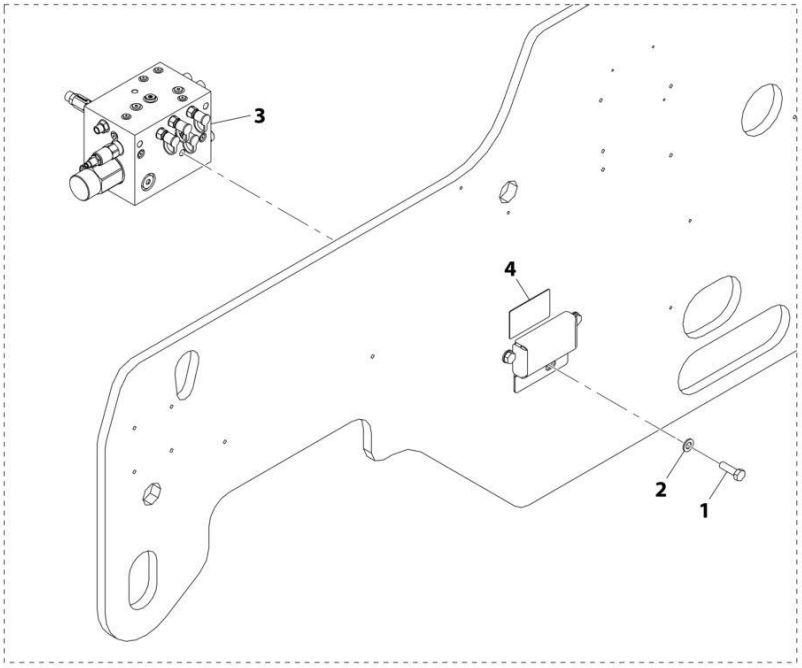

ART_1001253661

## FIGURE 8-39. VALVE ASSEMBLY - MANUAL LIFT/TELE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001253661 | Ref | VALVE ASSEMBLY - MANUAL LIFT/TELE | A |
| 1 | 70030102 | 1 | Valve, Poppet | |
| 2 | 70030104 | 1 | Cartridge, Hand Pump | |
| 3 | 70030103 | 1 | Valve, Check | |
| 4 | 70005440 | 1 | Cartridge, Hand Pump | |

## FIGURE 8-40. PRIORITY VALVE INSTALLATION



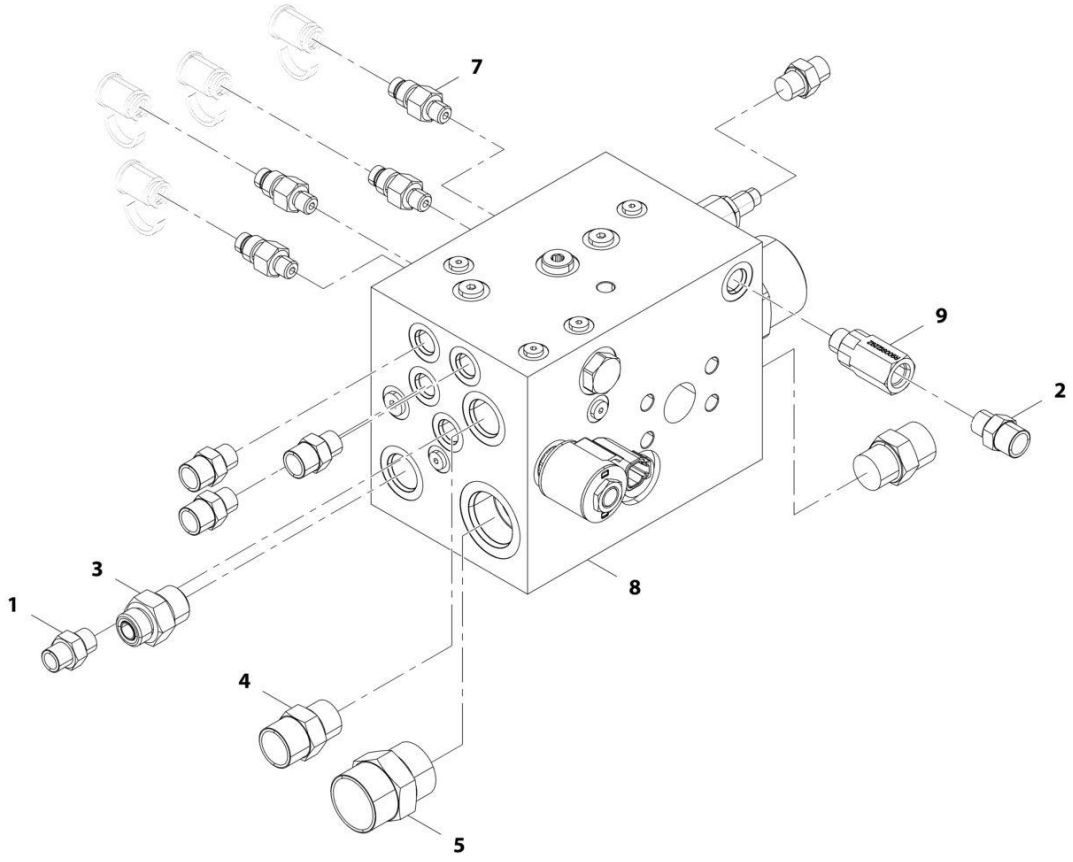

DETAIL A

ART_1001192885-B

## FIGURE 8-40. PRIORITY VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192885 | Ref | Priority Manifold Installation | B |
| 1 | 0701216 | 3 | Bolt, M12X40 | |
| 2 | 4812100 | 3 | Washer, M12 | |
| 3 | 1001192886 | 1 | Assembly, Priority Valve (See Separate Breakdown in this Section) | |
| 4 | 1001192887 | 1 | Decal | |

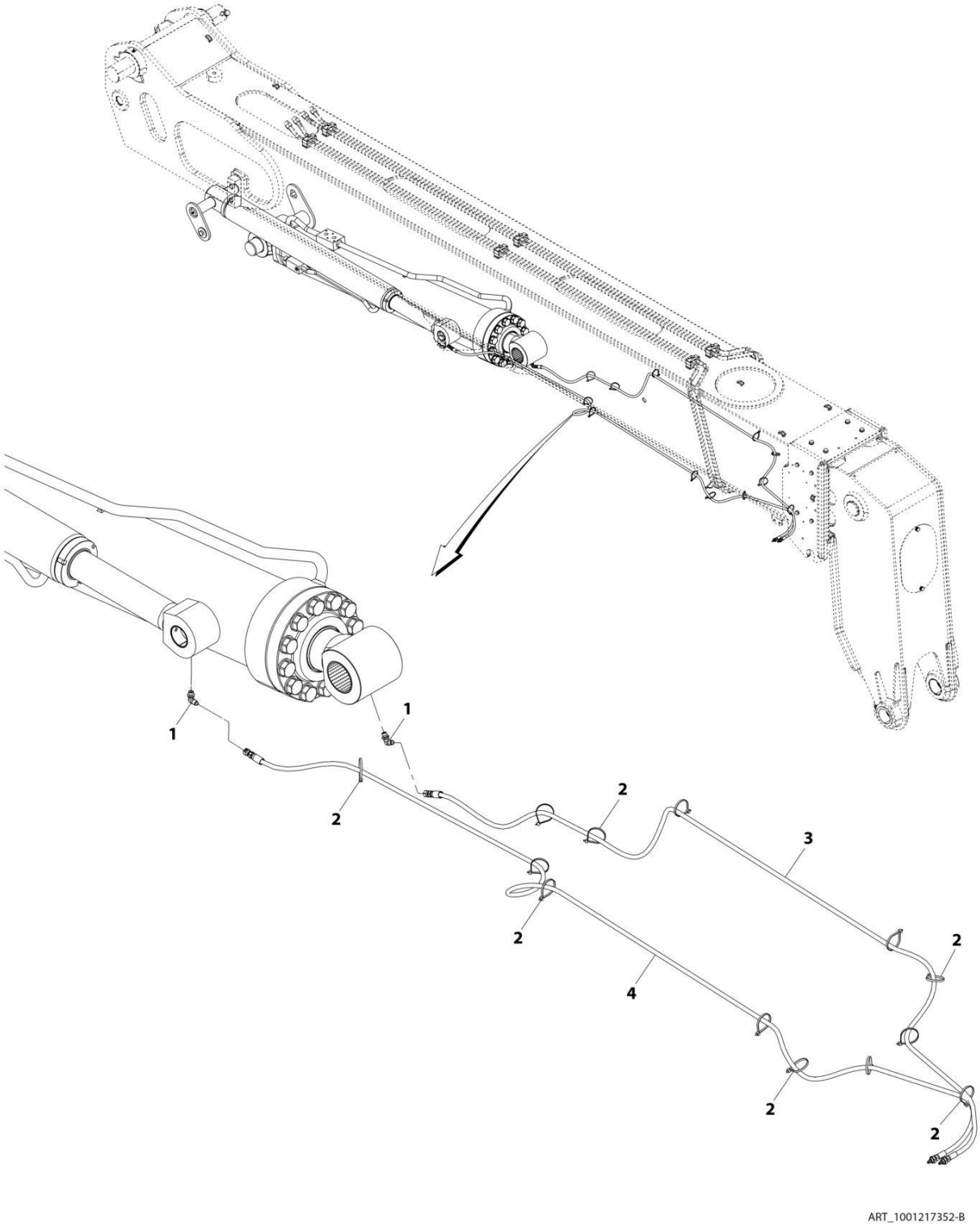
## FIGURE 8-41. PRIORITY VALVE/FITTINGS ASSEMBLY



## FIGURE 8-41. PRIORITY VALVE/FITTINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192886 | Ref | Priority Valve Assembly | D |
| 1 | 2110406 | 2 | Fitting, Straight ORFS | |
| 2 | 2110606 | 4 | Fitting, Straight ORFS | |
| 3 | 2110810 | 1 | Fitting, Straight ORFS | |
| 4 | 2111010 | 2 | Fitting, Straight ORFS | |
| 5 | 2111616 | 1 | Fitting, Straight ORFS | |
| 7 | 8430033 | 4 | Fitting, Straight | |
| 8 | 1001192888 | 1 | Assembly, Priority Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |
| 9 | 1001187355 | 1 | Valve, Check | |

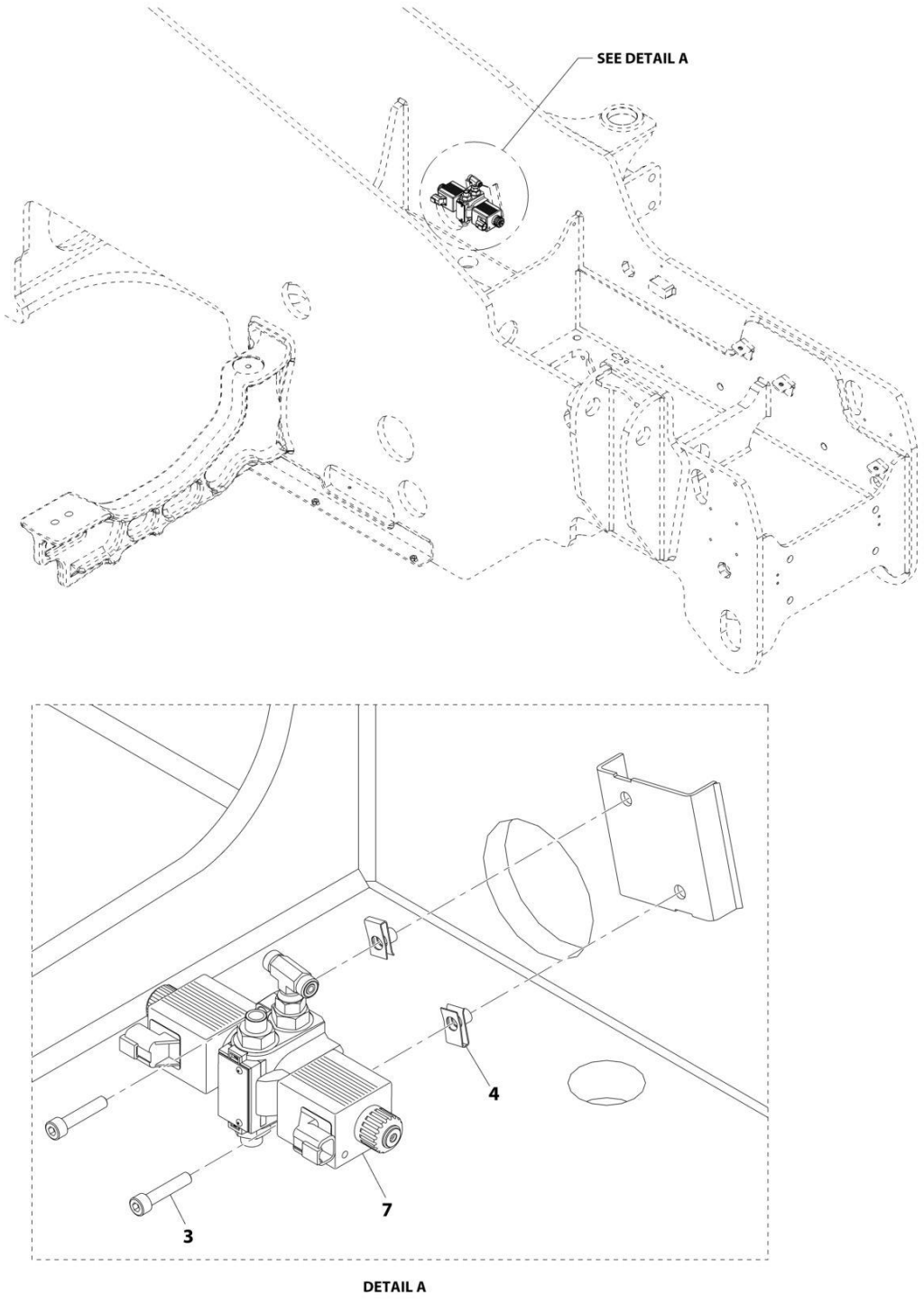
## FIGURE 8-42. REMOTE GREASE FITTINGS INSTALLAATION (1732)



## FIGURE 8-42. REMOTE GREASE FITTINGS INSTALLAATION (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217352 | Ref | Remote Grease Installation | B |
| 1 | 8770215 | 2 | Fitting, 90 ORFS | |
| 2 | 1001008559 | 13 | Strap, Cable | |
| 3 | 1001217354 | 1 | Hose | |
| 4 | 1001217355 | 1 | Hose | |

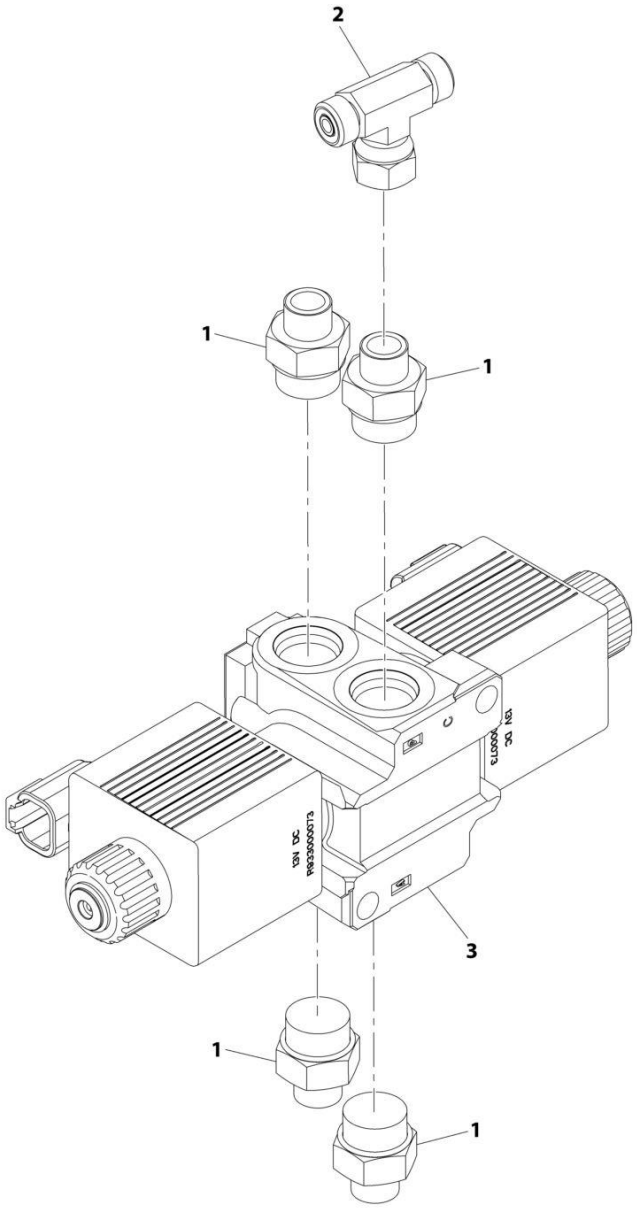
## FIGURE 8-43. SPEED CONTROL VALVE INSTALLATION



## FIGURE 8-43. SPEED CONTROL VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001197196 | Ref | Speed Control Valve Installation | B |
| 3 | 4031912 | 2 | Bolt, M8X40 | |
| 4 | 8310686 | 2 | Nut, M8X12.5 | |
| 7 | 1001220643 | 1 | Assembly, Speed Control Valve (See Separate Breakdown in this Section) | |

## FIGURE 8-44. SPEED CONTROL VALVE/FITTINGS ASSEMBLY

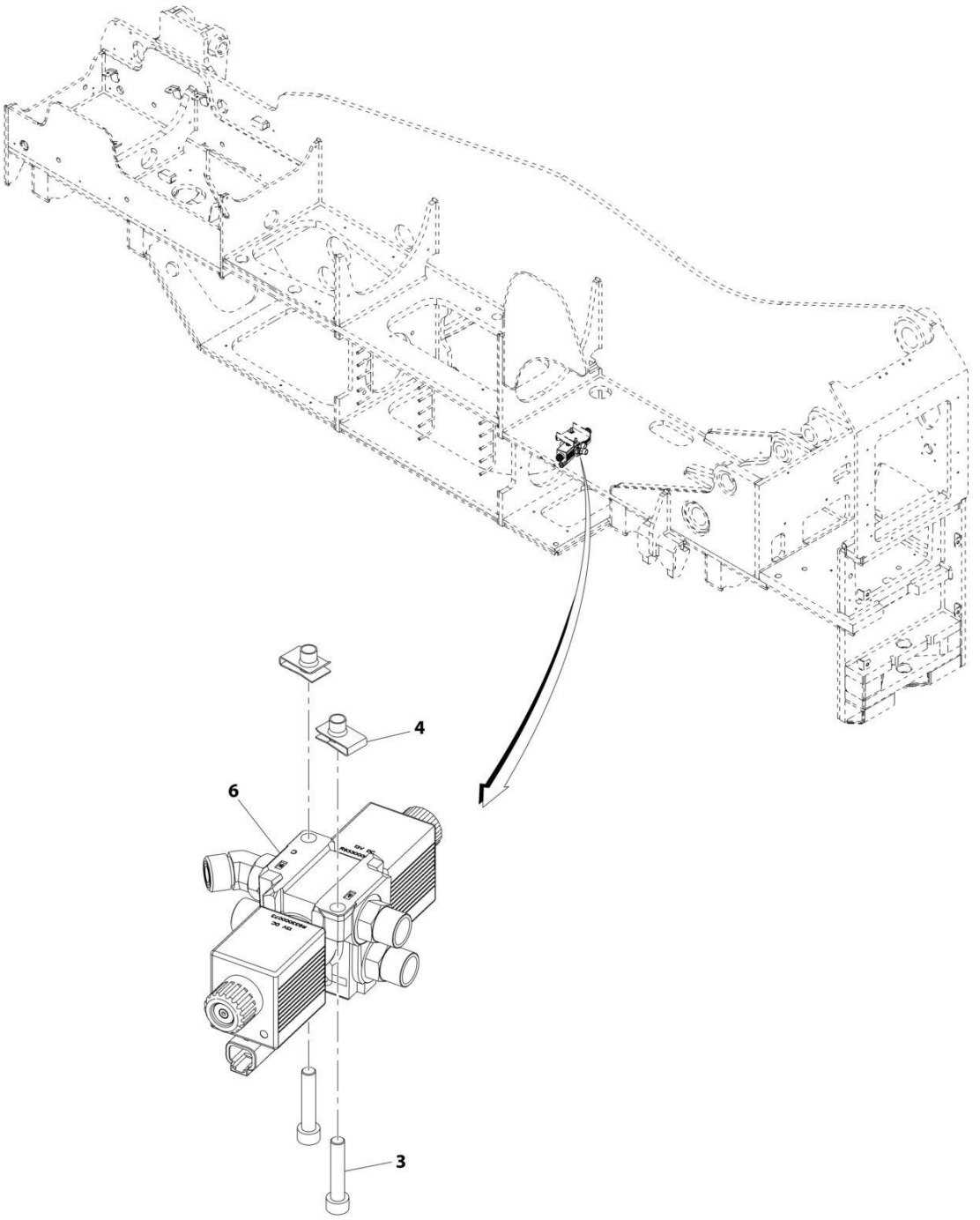



ART_1001220643-A

## FIGURE 8-44. SPEED CONTROL VALVE/FITTINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220643 | Ref | Speed Control Valve Assembly | A |
| 1 | 2110408 | 4 | Fitting, Straight ORFS | |
| 2 | 2170804 | 1 | Fitting, Tee | |
| 3 | 4641520 | 1 | Valve, Speed Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

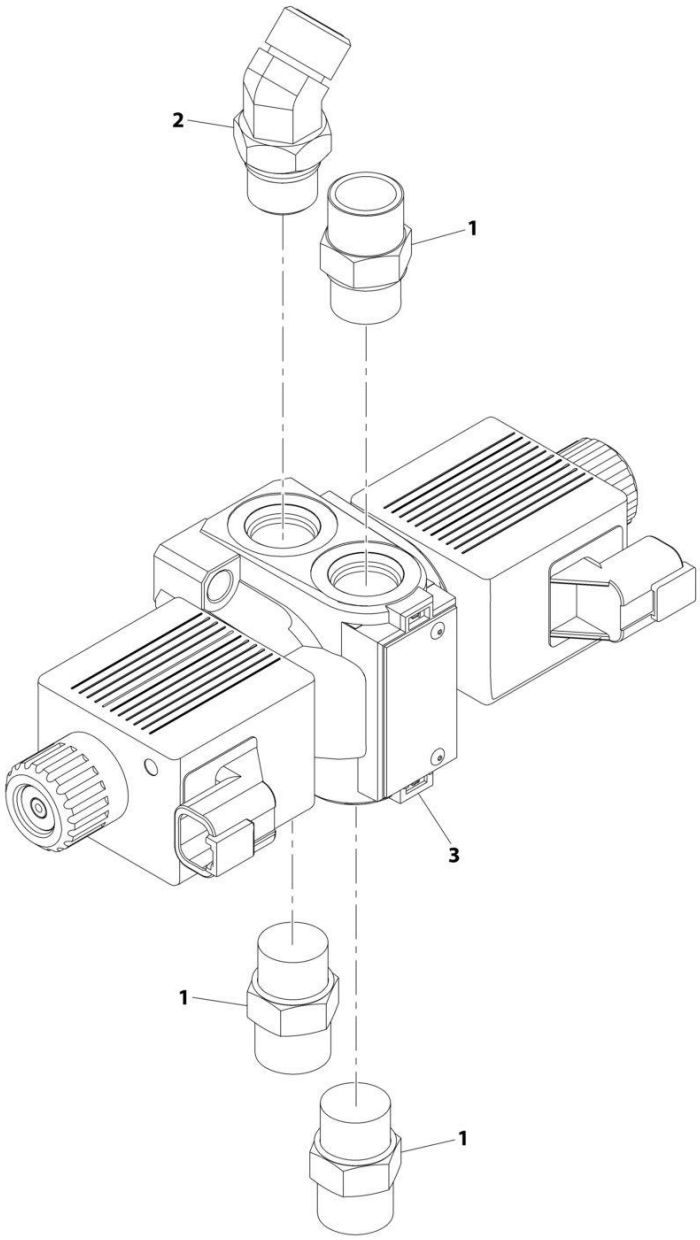
## FIGURE 8-45. STEERING SELECT VALVE INSTALLATION



## FIGURE 8-45. STEERING SELECT VALVE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193516 | Ref | Steering Select Valve Installation | B |
| 3 | 4031912 | 2 | Bolt, M8X40 | |
| 4 | 8310686 | 2 | Nut, M8X12.5 | |
| 6 | 1001212418 | 1 | Assembly, Steering Select Valve (See Separate Breakdown in this Section) | |

## FIGURE 8-46. STEERING SELECT VALVE/FITTINGS ASSEMBLY

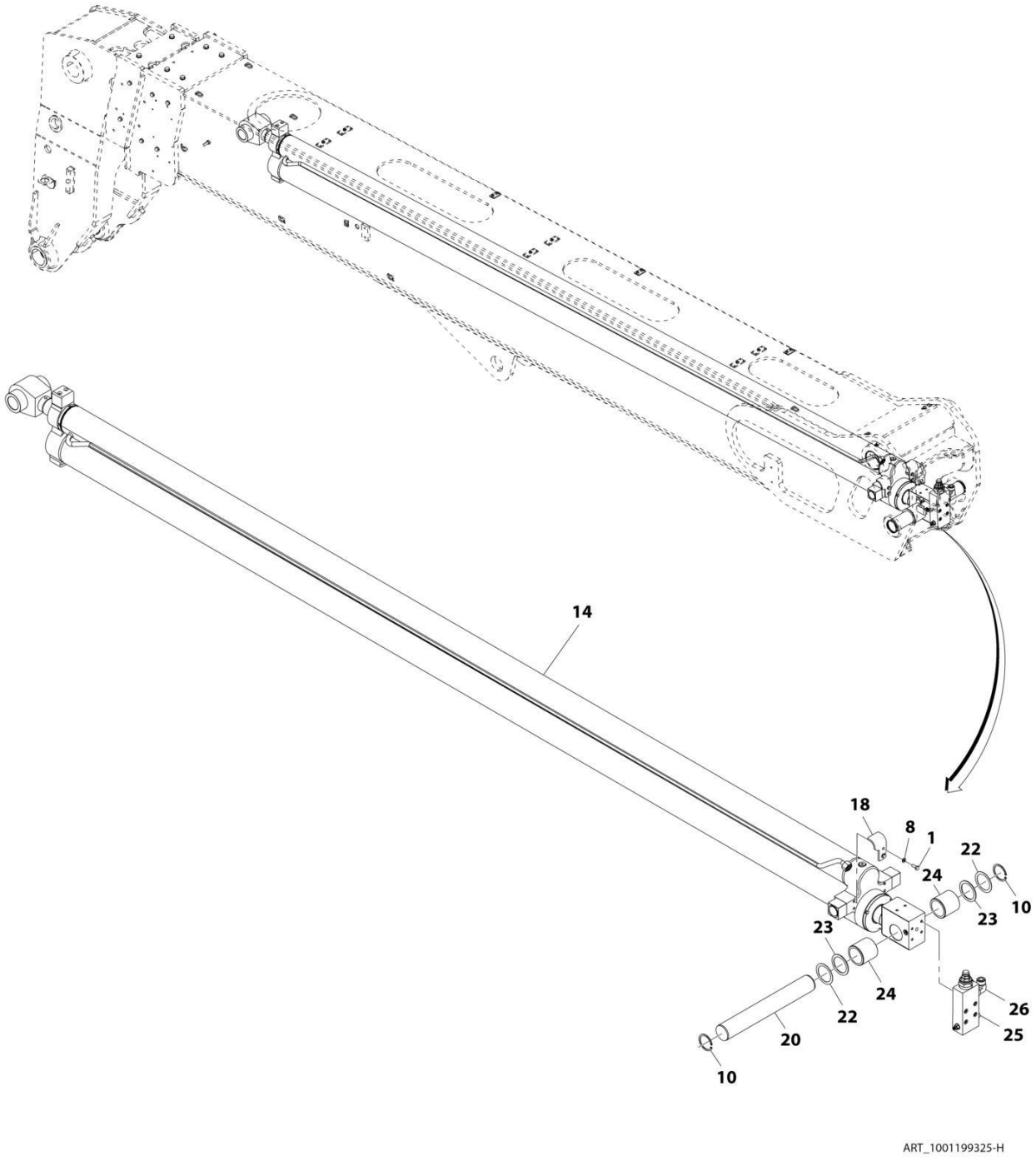


## FIGURE 8-46. STEERING SELECT VALVE/FITTINGS ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212418 | Ref | Steering Select Valve Assembly | A |
| 1 | 2110808 | 3 | Fitting, Straight ORFS | |
| 2 | 2150808 | 1 | Fitting, 45 ORFS | |
| 3 | 1001153748 | 1 | Valve, Steering Select (See Separate Breakdown in HYDRAULIC COMPONENTS Section) | |

# SECTION 9 - HYDRAULIC COMPONENTS

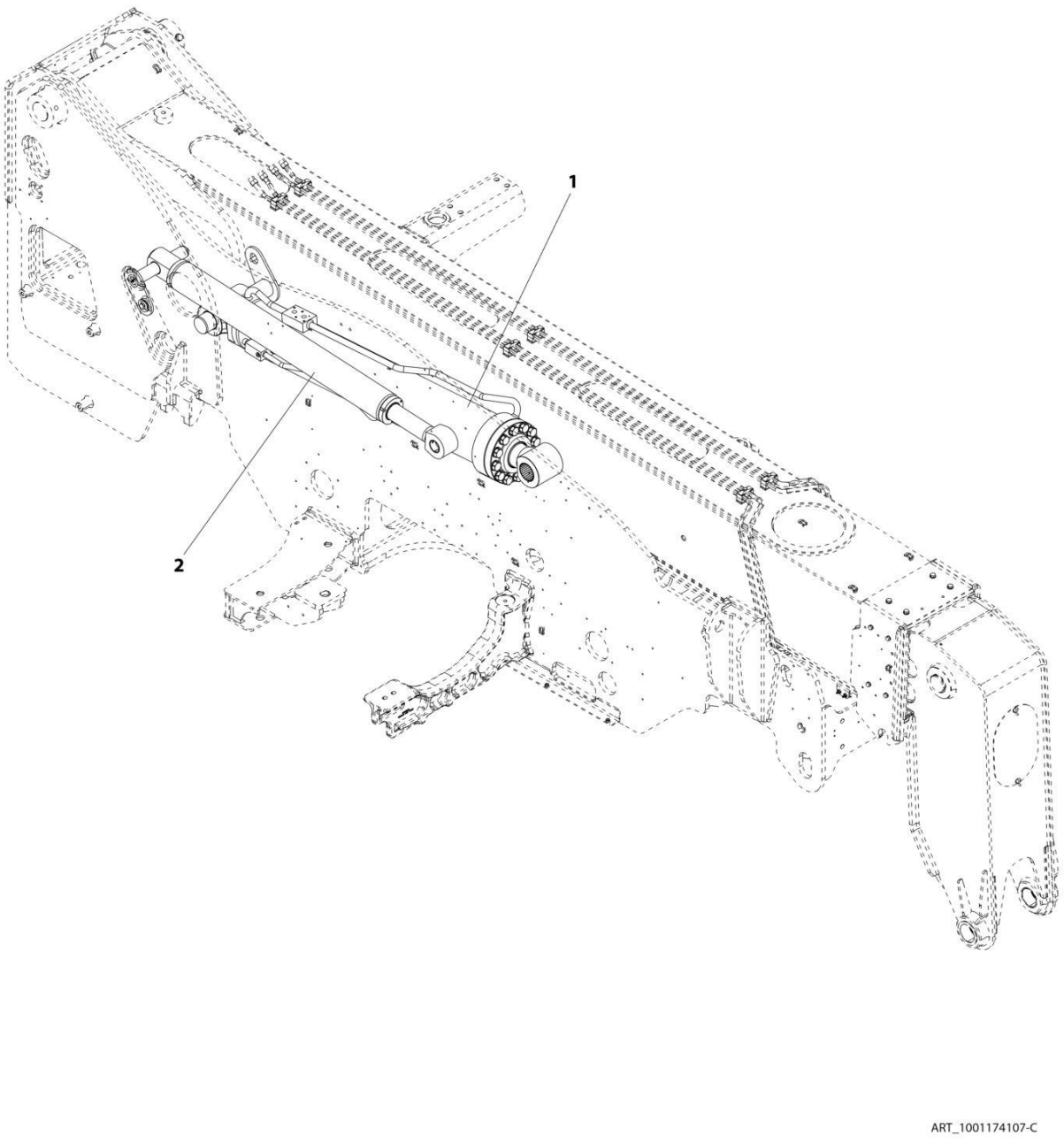
## FIGURE 9-1. EXTEND/RETRACT CYLINDER INSTALLATION



## FIGURE 9-1. EXTEND/RETRACT CYLINDER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199325 | Ref | Extend/Retract Cylinder Installation | H |
| 1 | 0760810 | 2 | Bolt, M8X20 | |
| 8 | 4811900 | 2 | Washer, M8 | |
| 10 | 8006258 | 2 | Ring, Retaining | |
| 14 | 1001226947 | 1 | Cylinder, Extend/Retract (See Separate Breakdown in this Section) | |
| 18 | 1001213562 | 1 | Plate | |
| 20 | 1001205528 | 1 | Pin | |
| 22 | 1001100166 | 2 | Shim | |
| 23 | 1001100169 | 2 | Shim | |
| 24 | 1001208451 | 2 | Spacer, M70X5X72 | |
| 25 | 2110806 | 1 | Fitting, Straight ORFS | |
| 26 | 2131212 | 1 | Fitting, 90 ORFS | |

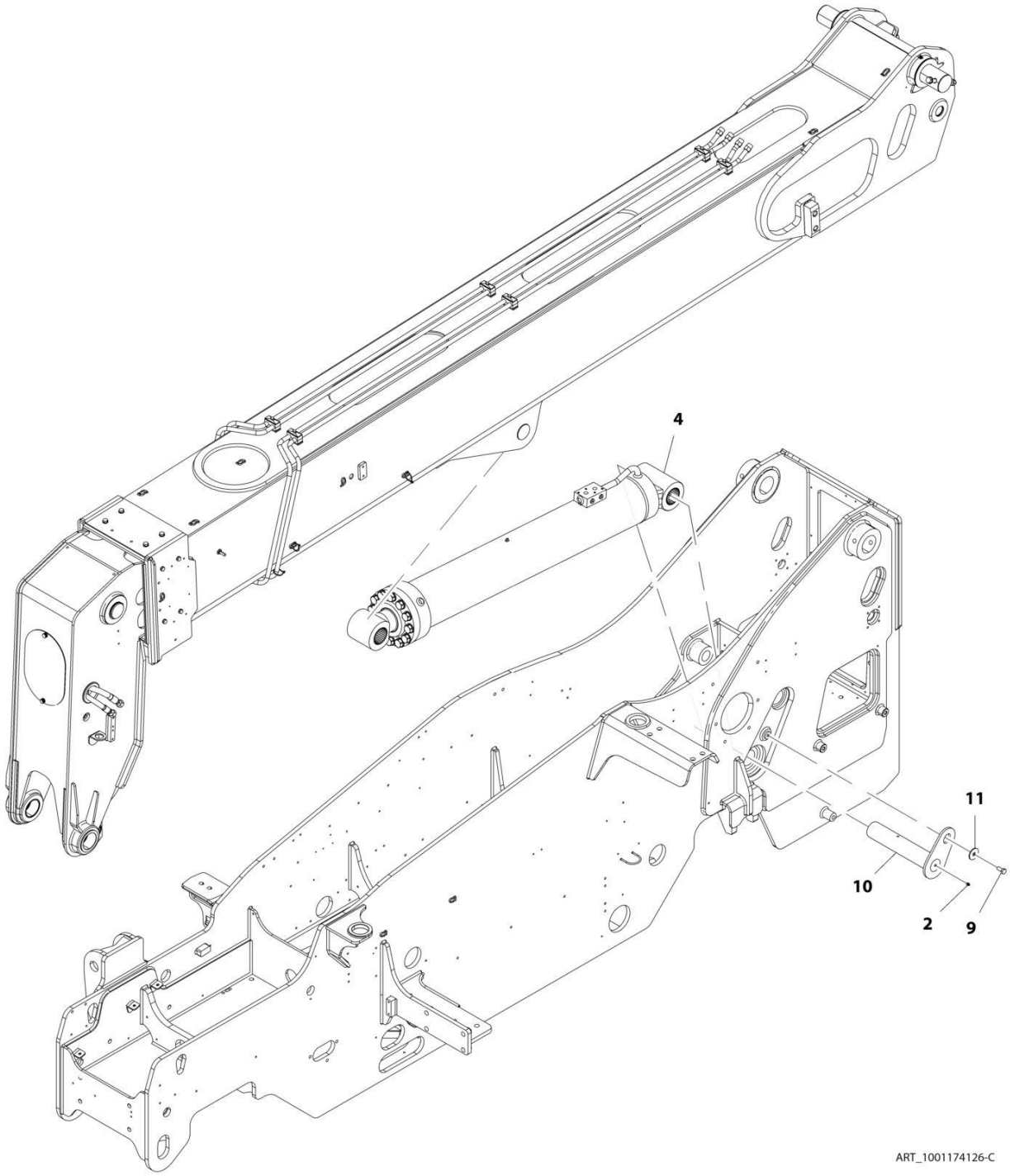
## FIGURE 9-2. CYLINDER INSTALLATION - BOOM LIFT & COMPENSATION CYLINDER



## FIGURE 9-2. CYLINDER INSTALLATION - BOOM LIFT & COMPENSATION CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174107 | Ref | Cylinder Group Installation | C |
| 1 | 1001174126 | Ref | Installation, Lift Cylinder (See Separate Breakdown in this Section) | |
| 2 | 1001198578 | Ref | Installation, Compensation Cylinder (See Separate Breakdown in this Section) | |

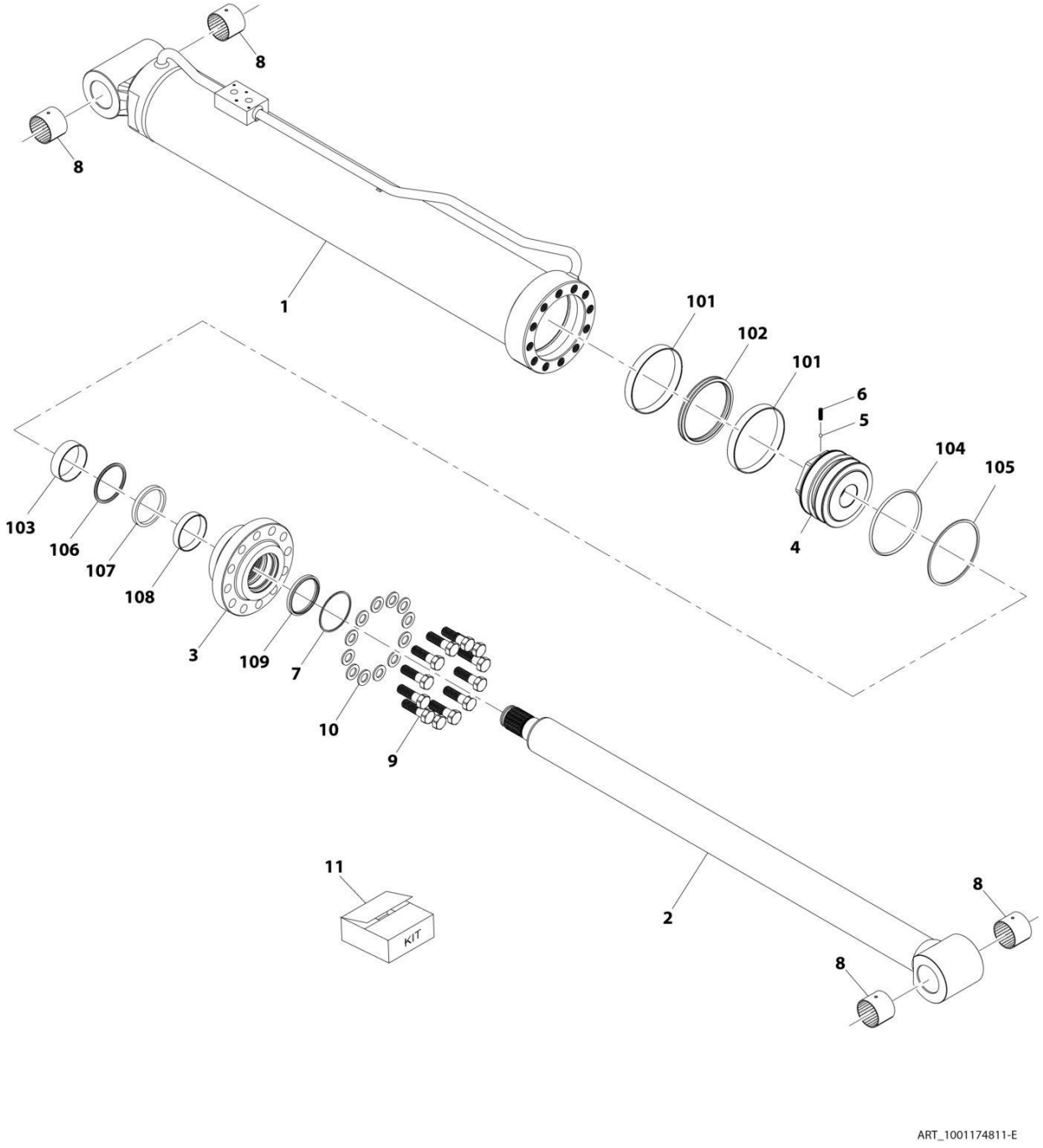
## FIGURE 9-3. CYLINDER INSTALLATION - BOOM LIFT



## FIGURE 9-3. CYLINDER INSTALLATION - BOOM LIFT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174126 | Ref | Lift Cylinder Installation | C |
| 2 | 2160016 | 1 | Fitting, Grease | |
| 4 | 1001174811 | 1 | Cylinder, Lift (See Separate Breakdown in this Section) | |
| 9 | 0771414 | 1 | Bolt, M14X30 Grade 10.9 | |
| 10 | 1001216331 | 1 | Pin | |
| 11 | 1001217226 | 1 | Washer | |

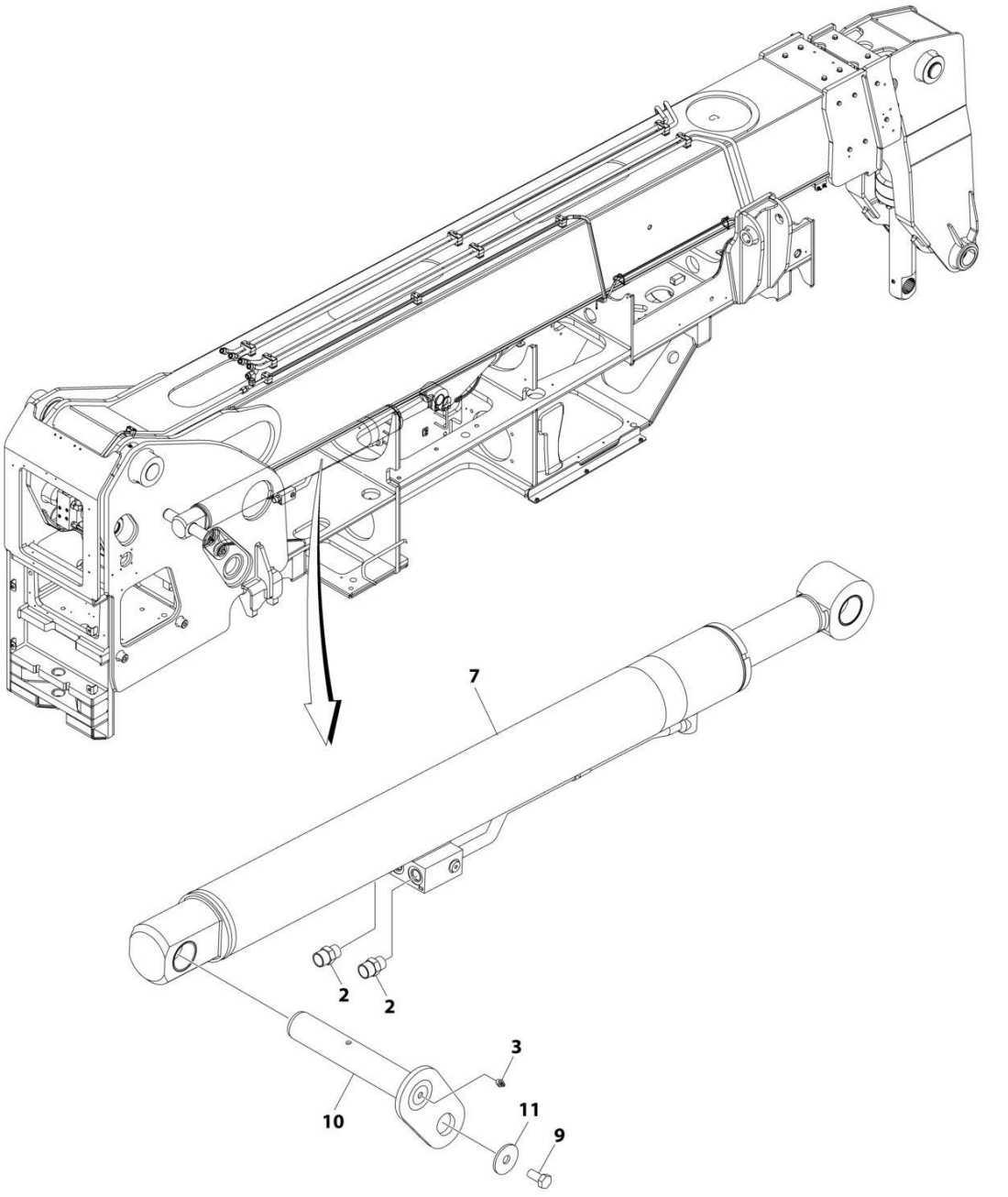
## FIGURE 9-4. CYLINDER ASSEMBLY - BOOM LIFT



## FIGURE 9-4. CYLINDER ASSEMBLY - BOOM LIFT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174811 | Ref | Lift Cylinder | E |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | N.S.S. | 1 | Barrel | |
| 2 | 70028306 | 1 | Rod | |
| 3 | 70028307 | 1 | Head | |
| 4 | 70028308 | 1 | Piston | |
| 5 | 70025614 | 1 | Bearing | |
| 6 | 70028309 | 1 | Screw, Locking | |
| 7 | 70025590 | 1 | Ring, Snap | |
| 8 | 70028310 | 4 | Bushing | |
| 9 | 70028311 | 12 | Bearing | |
| 10 | 70028312 | 12 | Washer | |
| 11 | 70028313 | 1 | Kit, Seal (includes items 101 thru 109) | |
| 101 | Kit | 2 | Ring, Wear | |
| 102 | Kit | 1 | Seal, Piston | |
| 103 | Kit | 1 | Ring, Wear | |
| 104 | Kit | 1 | O-Ring | |
| 105 | Kit | 1 | Ring, Back-up | |
| 106 | Kit | 1 | Seal, Rod | |
| 107 | Kit | 1 | Seal, Rod | |
| 108 | Kit | 1 | Ring, Wear | |
| 109 | Kit | 1 | Wiper | |

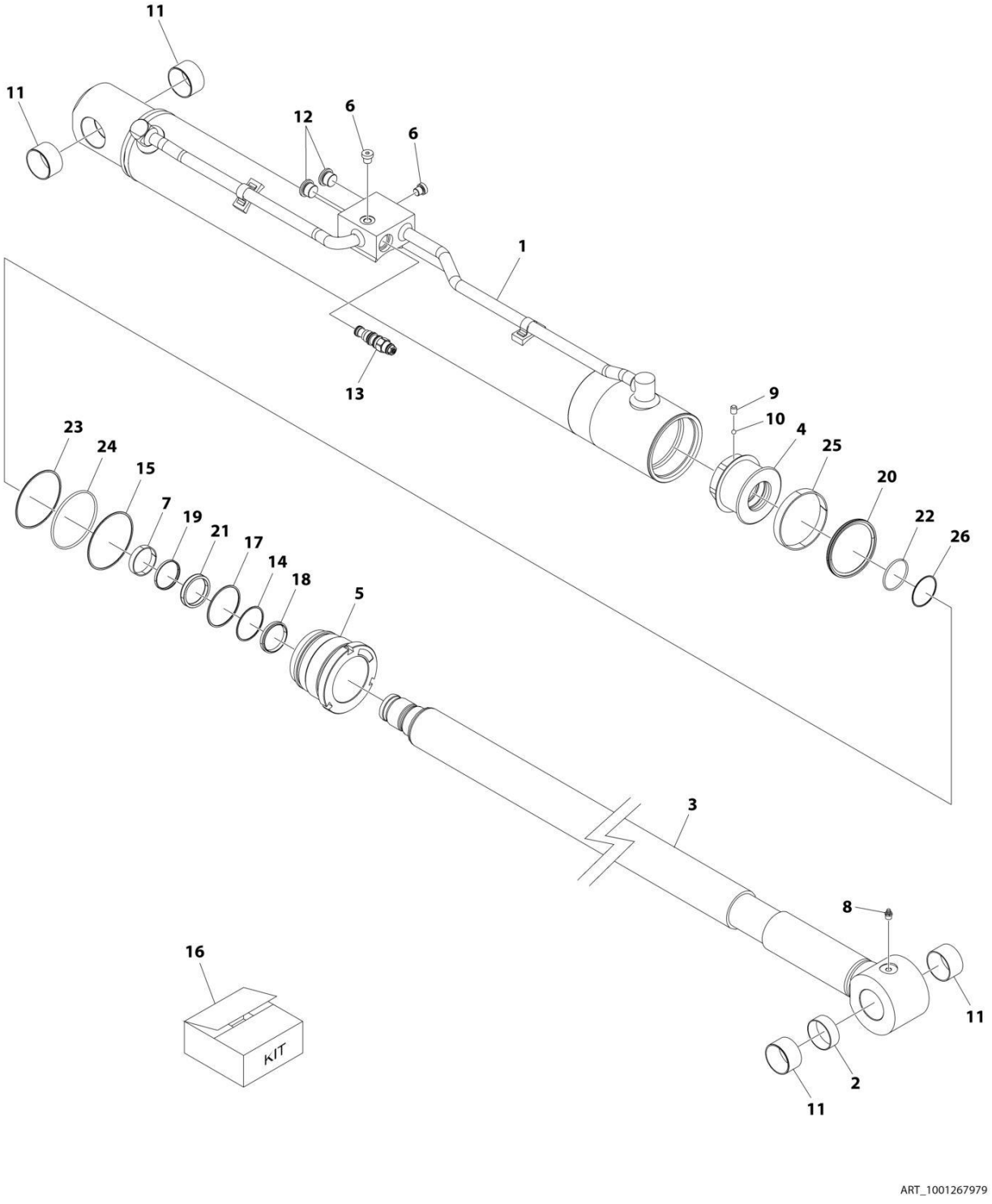
## FIGURE 9-5. CYLINDER INSTALLATION - COMPENSATION CYLINDER



## FIGURE 9-5. CYLINDER INSTALLATION - COMPENSATION CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001198578 | Ref | CYLINDER INSTALLATION - COMPENSATION CYLINDER | D |
| 2 | 2111010 | 2 | Fitting, Straight ORFS | |
| 3 | 2160016 | 1 | Fitting, Grease | |
| 7 | 1001267979 | 1 | Cylinder, Compensation (See Separate Breakdown in this Section) | |
| 9 | 0771414 | 1 | Bolt M14 x 30 | |
| 10 | 1001216333 | 1 | Pin | |
| 11 | 1001217226 | 1 | Washer | |

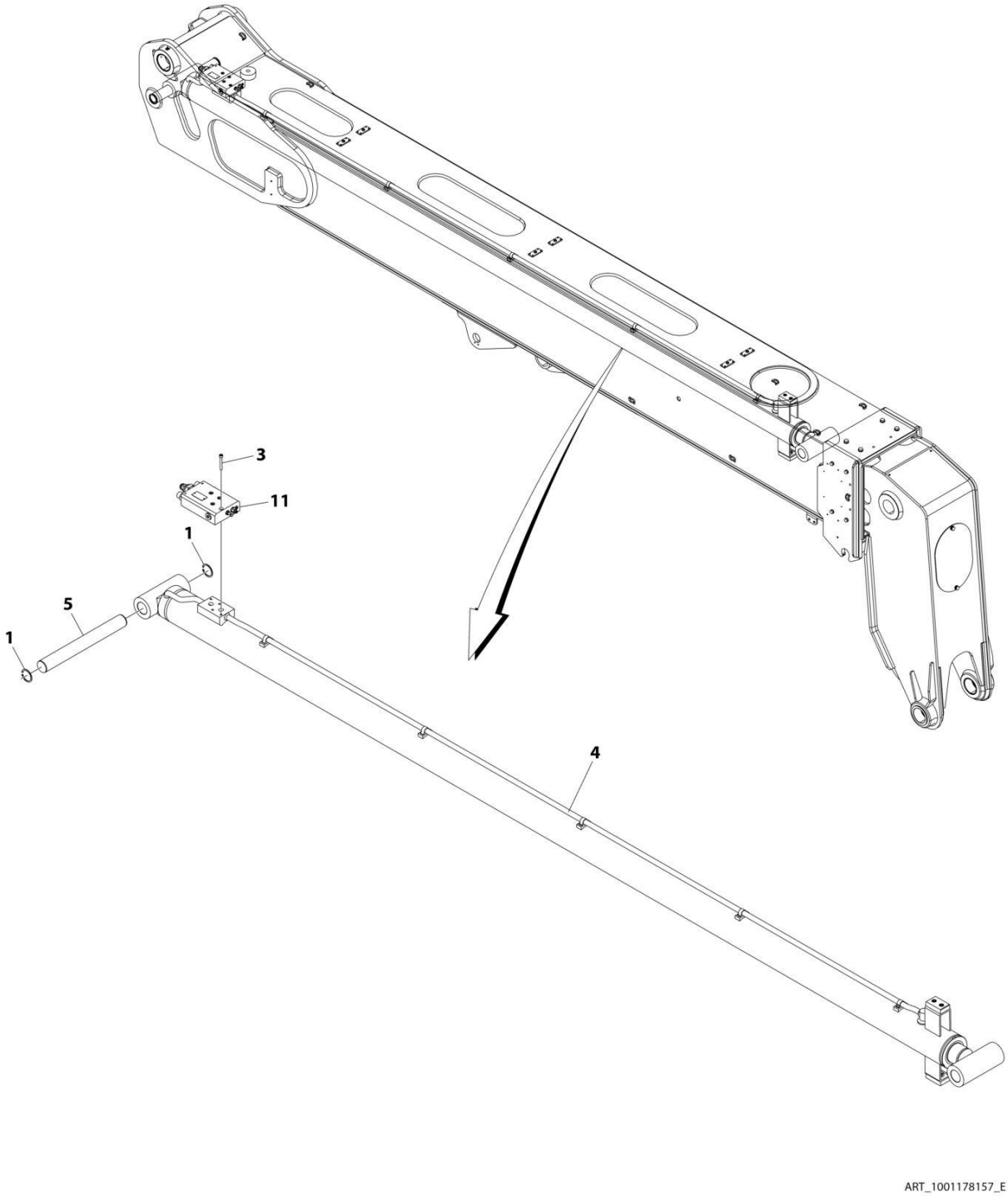
## FIGURE 9-6. CYLINDER ASSEMBLY - BOOM COMPENSATION



## FIGURE 9-6. CYLINDER ASSEMBLY - BOOM COMPENSATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001267979 | Ref | COMPENSATION CYLINDER | A |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: No Service Parts Available) | |
| 2 | 70031298 | 1 | Bushing | |
| 3 | 70031299 | 1 | Rod | |
| 4 | 70031300 | 1 | Piston | |
| 5 | 70031301 | 1 | Guide Bushing | |
| 6 | 70031302 | 2 | Plug | |
| 7 | 70031303 | 1 | Sliding Bushing | |
| 8 | 70031304 | 1 | Grease Fitting | |
| 9 | 70031305 | 1 | Set Screw | |
| 10 | 70031306 | 1 | Steel Ball | |
| 11 | 70031307 | 4 | Bushing | |
| 12 | 2220887 | 2 | Plug | |
| 13 | 70028384 | 1 | Balance Valve | |
| 14 | 70031308 | 1 | Ring | |
| 15 | 70031309 | 1 | Ring, Snap | |
| 16 | 70031310 | 1 | Seal Kit (Includes Items #17-26) | |
| 17 | See Note | NSS | Ring, Back-Up (Note: Use Item 16) | |
| 18 | See Note | NSS | Ring, Wiper (Note: Use Item 16) | |
| 19 | See Note | NSS | Ring, Buffer (Note: Use Item 16) | |
| 20 | See Note | NSS | Seal, Piston (Note: Use Item 16) | |
| 21 | See Note | NSS | Seal, Rod (Note: Use Item 16) | |
| 22 | See Note | NSS | O-Ring (Note: Use Item 16) | |
| 23 | See Note | NSS | O-Ring (Note: Use Item 16) | |
| 24 | See Note | NSS | Ring, Wear (Note: Use Item 16) | |
| 25 | See Note | NSS | Ring, Back-Up (Note: Use Item 16) | |

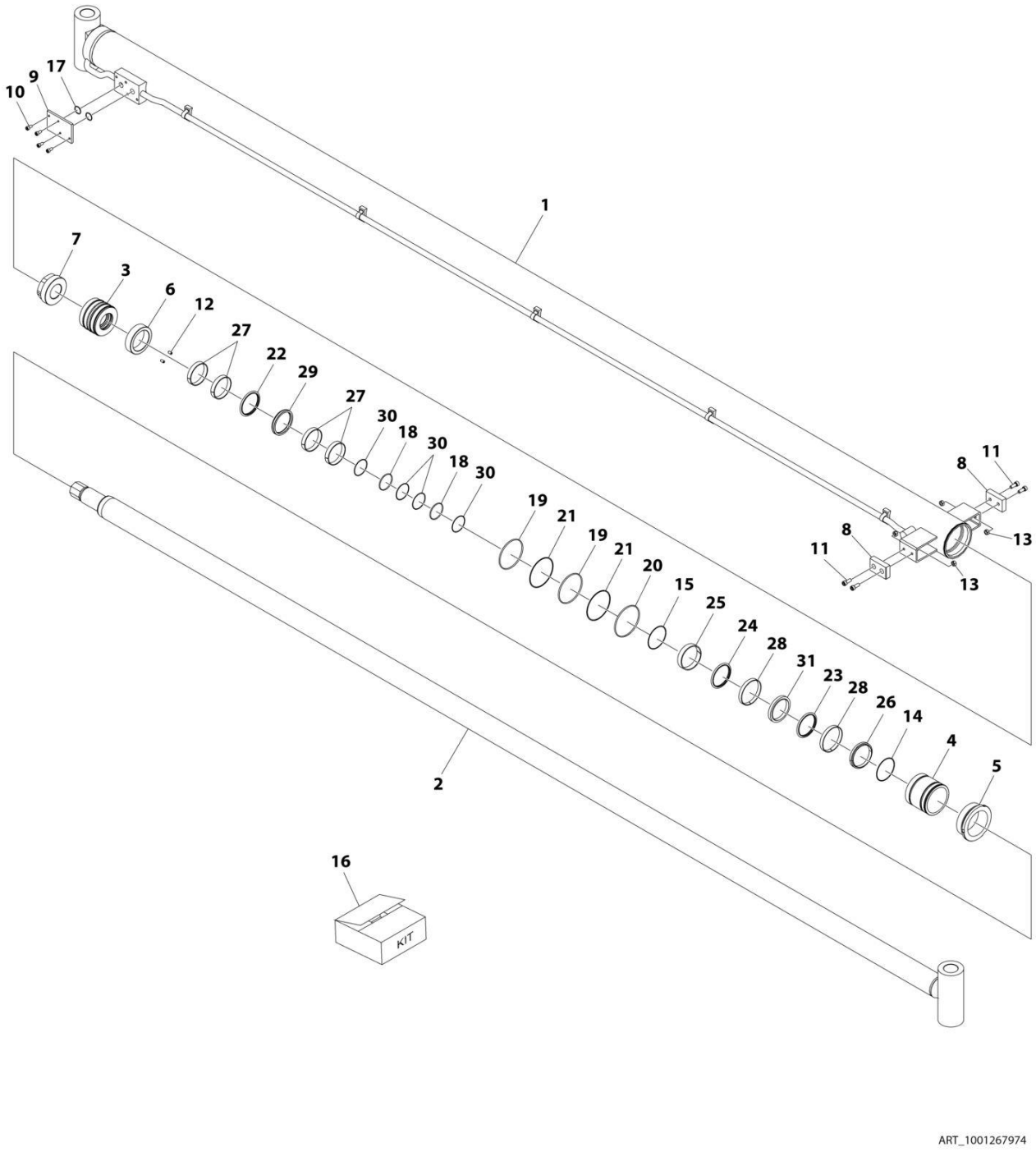
## FIGURE 9-7. CYLINDER INSTALLATION - BOOM EXTEND/RETRACT CYLINDER



## FIGURE 9-7. CYLINDER INSTALLATION - BOOM EXTEND/RETRACT CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178157 | Ref | CYLINDER INSTALLATION - BOOM EXTEND/RETRACT CYLINDER | E |
| 1 | 314689 | 2 | Ring, Retaining | |
| 3 | 4031916 | 4 | Bolt M8 x 60 | |
| 4 | 1001267974 | 1 | Cylinder, Extend/Retract (See Separate Breakdown in this Section) | |
| 5 | 1001190259 | 1 | Pin | |
| 11 | 1001212312 | 1 | Counterbalance Valve & Fittings Sub-Assembly (see Separate Breakdown in this Section) | |

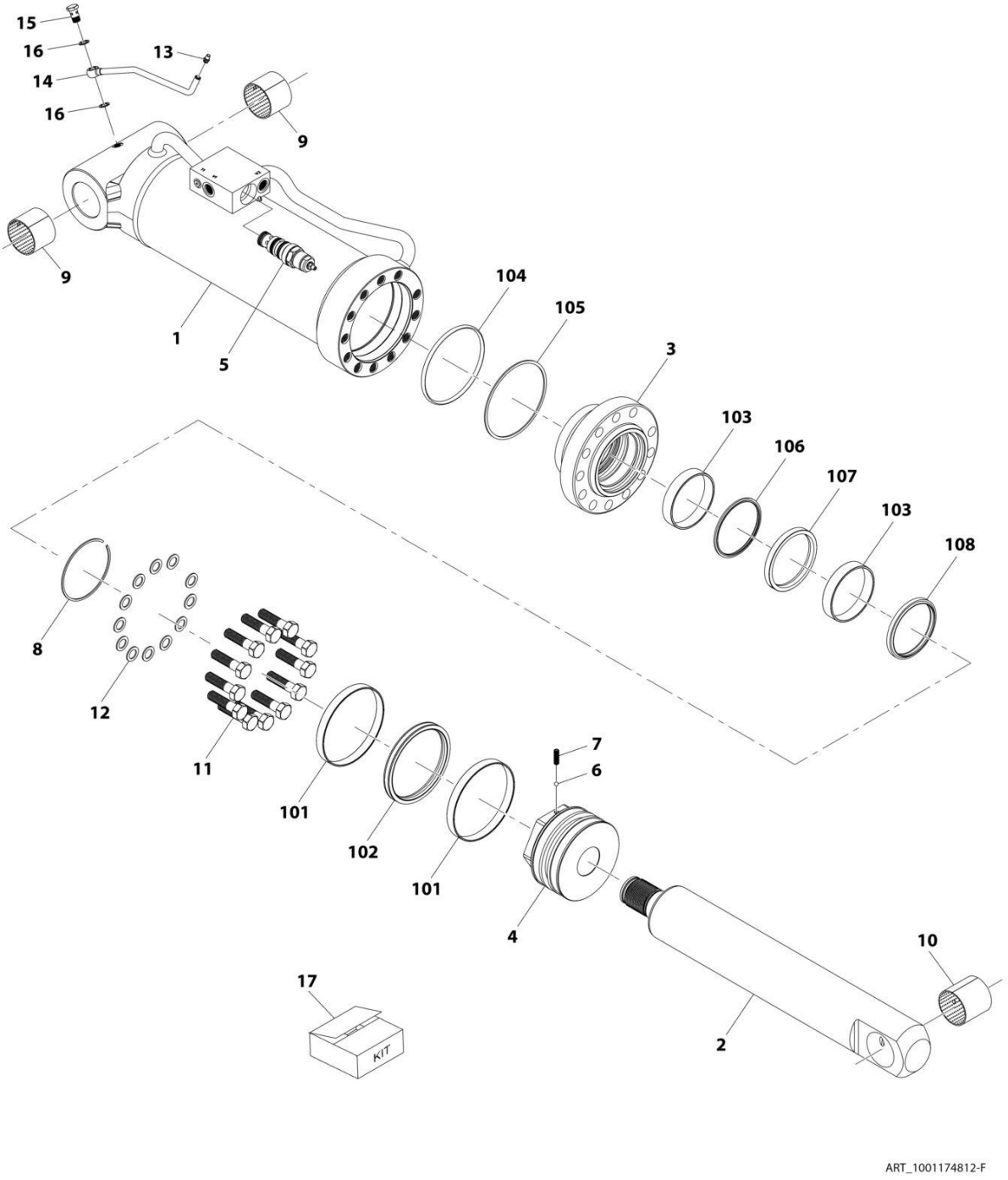
## FIGURE 9-8. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT CYLINDER



## FIGURE 9-8. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001267974 | Ref | EXTEND/RETRACT CYLINDER | A |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: No Service Parts Available) | |
| 2 | 70031311 | 1 | Rod | |
| 3 | 70031312 | 1 | Piston | |
| 4 | 70031313 | 1 | Guide Bushing | |
| 5 | 70031314 | 1 | Gland | |
| 6 | 70031315 | 1 | Stop Tube | |
| 7 | 70031316 | 1 | Piston | |
| 8 | 70031317 | 2 | Block | |
| 9 | 70031318 | 1 | Dust Cover | |
| 10 | 70031319 | 4 | Screw M8 x 16 | |
| 11 | 70031320 | 4 | Screw M10 x 25 | |
| 12 | 70008128 | 2 | Screw M8 x 10 | |
| 13 | 70031321 | 4 | Nut M10 | |
| 14 | 70031322 | 1 | Ring | |
| 15 | 70031323 | 1 | Snap Ring | |
| 16 | 70031324 | 1 | Seal Kit (Includes Items #17-31) | |
| 17 | See Note | NSS | O-Ring (Note: Use Item 16) | |
| 18 | See Note | NSS | O-Ring (Note: Use Item 16) | |
| 19 | See Note | NSS | O-Ring (Note: Use Item 16) | |
| 20 | See Note | NSS | O-Ring (Note: Use Item 16) | |
| 21 | See Note | NSS | Ring, Back-Up (Note: Use Item 16) | |
| 22 | See Note | NSS | Ring, Buffer (Note: Use Item 16) | |
| 23 | See Note | NSS | Ring, Buffer (Note: Use Item 16) | |
| 24 | See Note | NSS | Ring, Buffer (Note: Use Item 16) | |
| 25 | See Note | NSS | Bushing (Note: Use Item 16) | |
| 26 | See Note | NSS | Ring, Wiper (Note: Use Item 16) | |
| 27 | See Note | NSS | Ring, Wear (Note: Use Item 16) | |
| 28 | See Note | NSS | Ring, Wear (Note: Use Item 16) | |
| 29 | See Note | NSS | Piston Seal (Note: Use Item 16) | |
| 30 | See Note | NSS | Ring, Back-Up (Note: Use Item 16) | |
| 31 | See Note | NSS | Rod Seal (Note: Use Item 16) | |

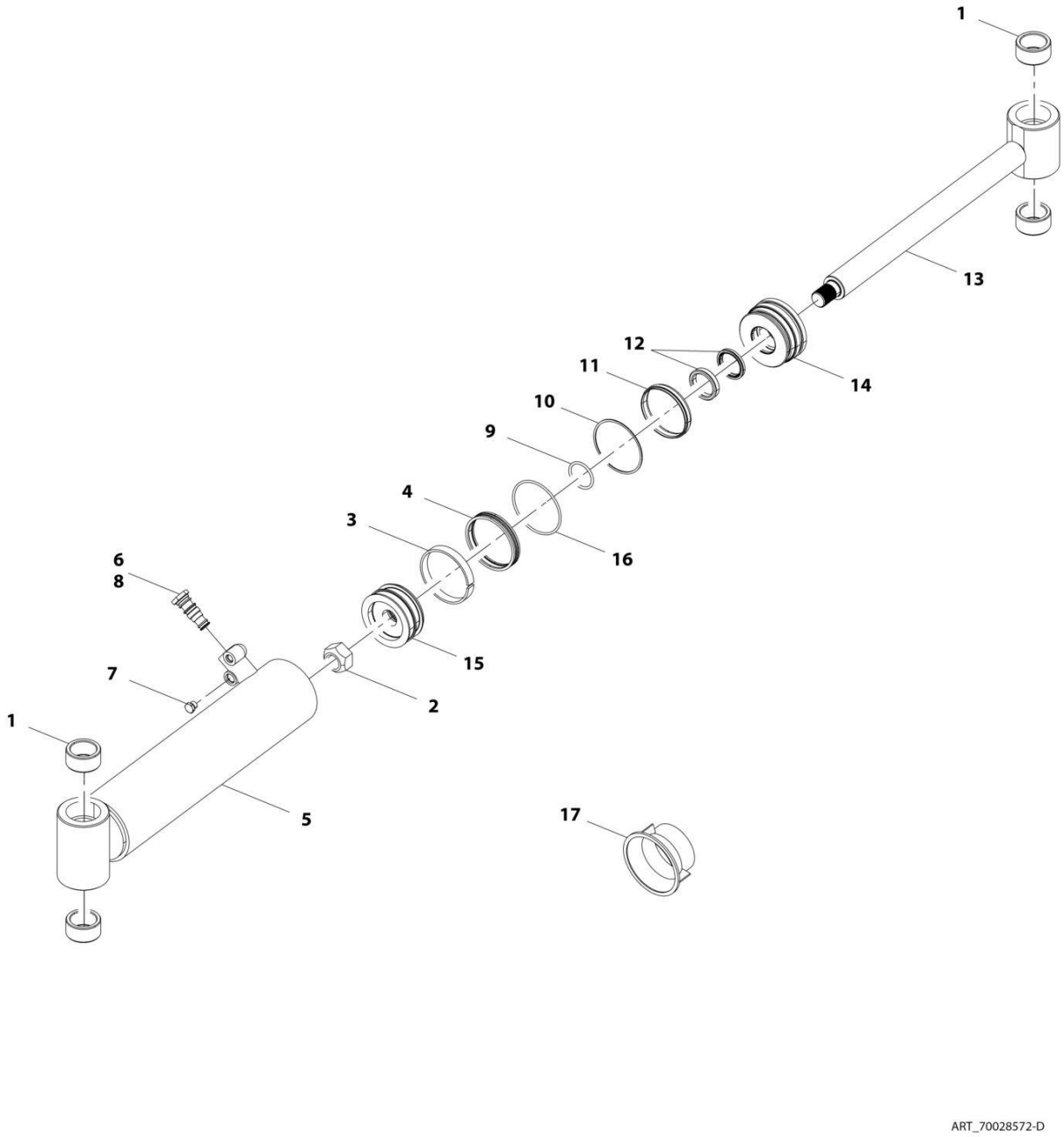
## FIGURE 9-9. CYLINDER ASSEMBLY - BOOM TILT



## FIGURE 9-9. CYLINDER ASSEMBLY - BOOM TILT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174812 | Ref | Tilt Cylinder | F |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | N.S.S. | 1 | Barrel | |
| 2 | 70028314 | 1 | Rod | |
| 3 | 70028315 | 1 | Piston | |
| 4 | 70028316 | 1 | Head | |
| 5 | 70028317 | 1 | Valve, Counterbalance | |
| 6 | 70025614 | 1 | Bearing | |
| 7 | 70028309 | 1 | Screw, Locking | |
| 8 | 70028318 | 1 | Ring, Snap | |
| 9 | 70028310 | 2 | Bushing | |
| 10 | 70028319 | 1 | Bushing | |
| 11 | 70028320 | 12 | Bolt | |
| 12 | 70028321 | 12 | Washer | |
| 13 | 70029941 | 2 | Fitting, Grease | |
| 14 | 70028322 | 1 | Pipe | |
| 15 | 70024035 | 1 | Screw | |
| 16 | 70028323 | 2 | Washer | |
| 17 | 70028324 | 1 | Kit, Seal (includes items 101 thru 108) | |
| 101 | Kit | 2 | Ring, Piston | |
| 102 | Kit | 1 | Seal, Piston | |
| 103 | Kit | 2 | Ring, Rod | |
| 104 | Kit | 1 | "O" Ring | |
| 105 | Kit | 1 | Ring, Back-Up | |
| 106 | Kit | 1 | Seal, Rod | |
| 107 | Kit | 1 | Seal, Rod | |
| 108 | Kit | 1 | Wiper | |

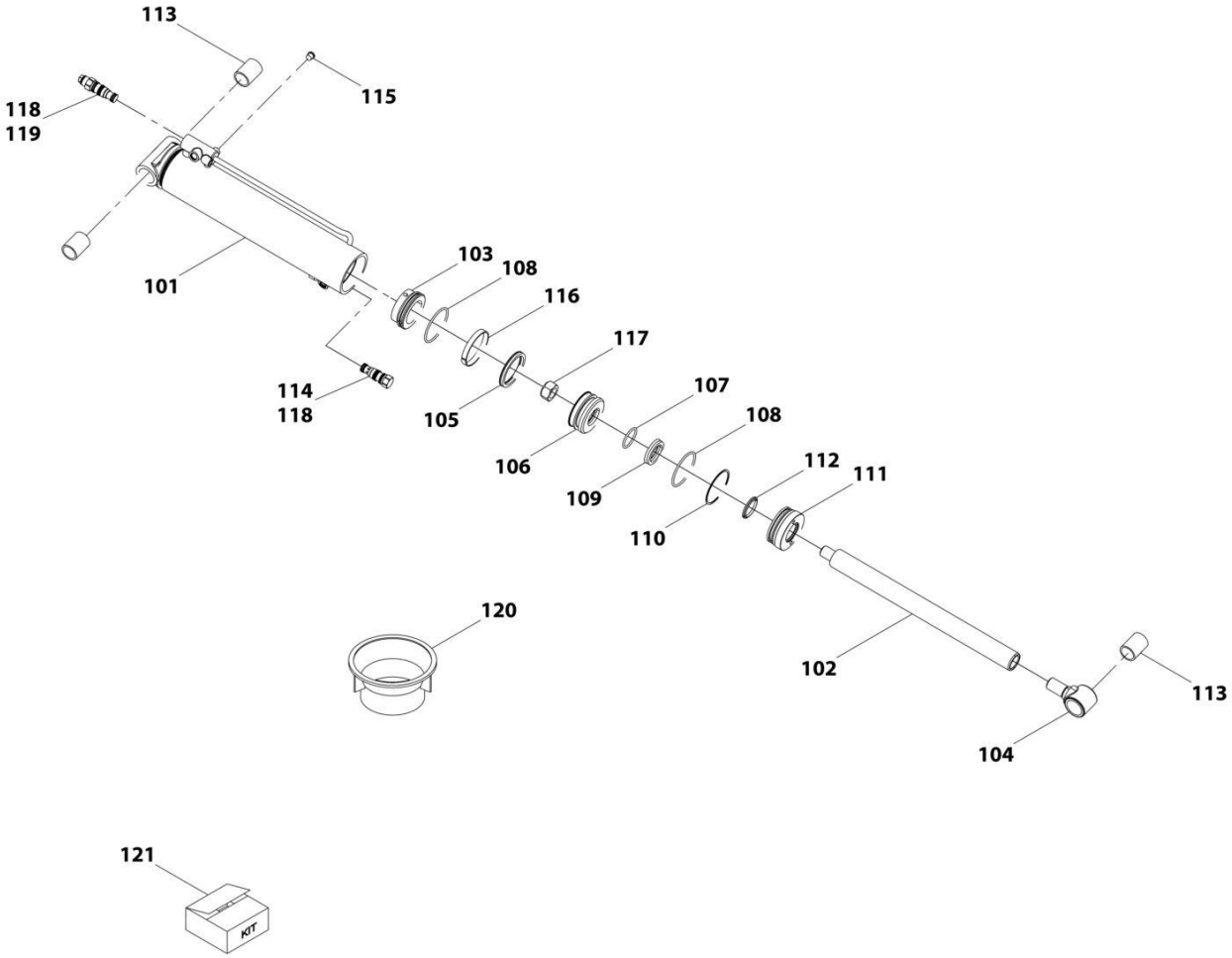
## FIGURE 9-10. CYLINDER ASSEMBLY - BUCKET (4 IN 1 BUCKET)



## FIGURE 9-10. CYLINDER ASSEMBLY - BUCKET (4 IN 1 BUCKET)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028572 | Ref | Cylinder Assembly | D |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 1 | 70028581 | 4 | Bearing | |
| 2 | 70028582 | 1 | Nut | |
| 3 | N.S.S. | 1 | Ring, Wear | |
| 4 | N.S.S. | 1 | Seal | |
| 5 | N.S.S. | 1 | Assembly, Barrel | |
| 6 | Kit | 1 | Kit, Check Valve | |
| 7 | 70028583 | 1 | Fitting, Straight | |
| 8 | 70028584 | 1 | Valve, Check | |
| 9 | N.S.S. | 1 | O-Ring | |
| 10 | N.S.S. | 1 | Ring, Back-up | |
| 11 | N.S.S. | 1 | Seal | |
| 12 | N.S.S. | 2 | Wiper | |
| 13 | 70028585 | 1 | Rod | |
| 14 | 70028586 | 1 | Retainer | |
| 15 | 70028587 | 1 | Piston | |
| 16 | N.S.S. | 1 | O-Ring | |
| 17 | 70028588 | 1 | Tool, Seal Loader | |

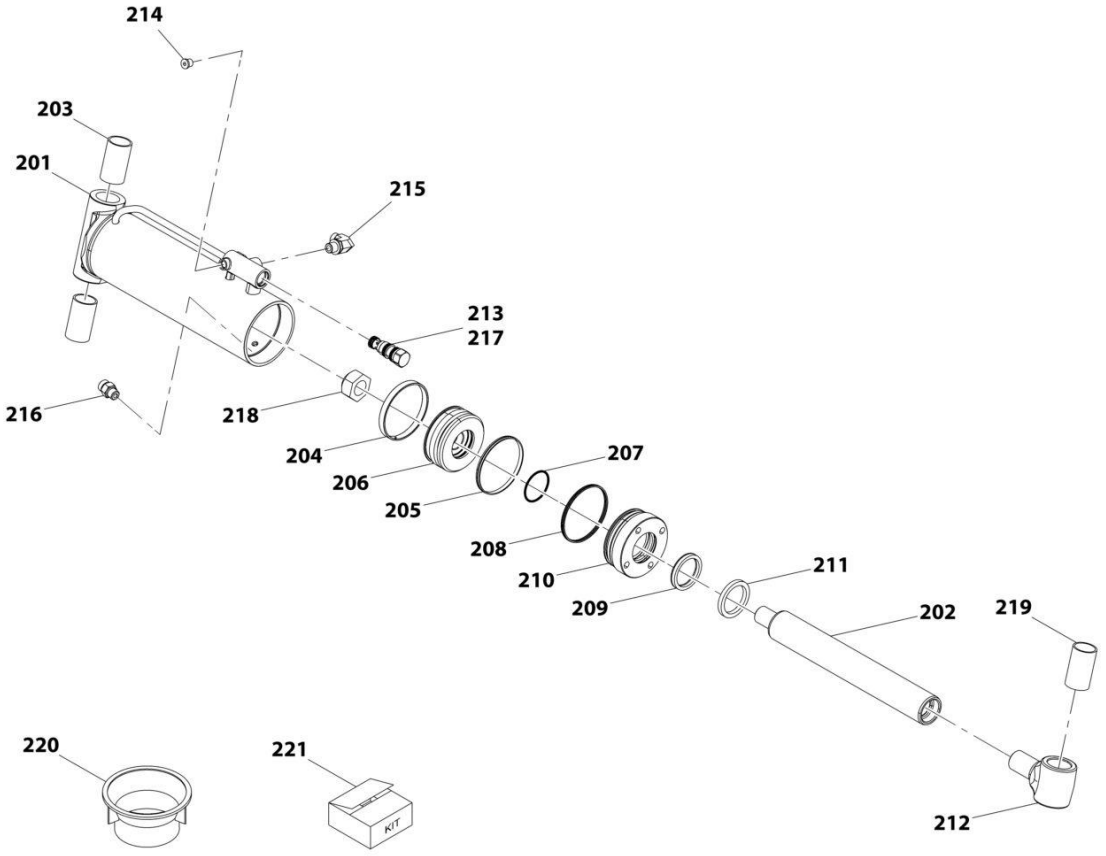
## FIGURE 9-11. CYLINDER ASSEMBLY - BUCKET (GRAPPLE BUCKET)



## FIGURE 9-11. CYLINDER ASSEMBLY - BUCKET (GRAPPLE BUCKET)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026469 | Ref | Cylinder Assembly | C |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 101 | N.S.S. | 1 | Barrel | |
| 102 | 70026496 | 1 | Rod | |
| 103 | 70026497 | 1 | Spacer | |
| 104 | 70026498 | 1 | End, Rod | |
| 105 | Kit | 1 | Seal | |
| 106 | 70026499 | 1 | Piston | |
| 107 | Kit | 1 | O-Ring | |
| 108 | Kit | 2 | O-Ring | |
| 109 | Kit | 1 | Ring, Backup | |
| 110 | Kit | 1 | Seal | |
| 111 | 70026500 | 1 | Retainer | |
| 112 | Kit | 1 | Wiper | |
| 113 | 70026501 | 3 | Bushing | |
| 114 | 70026502 | 1 | Valve, Check | |
| 115 | 70024129 | 4 | Plug | |
| 116 | Kit | 1 | Ring, Wear | |
| 117 | 70026503 | 1 | Nut | |
| 118 | 70024734 | 2 | Kit, Check Valve Service | |
| 119 | 70026504 | 1 | Valve, Counterbalance | |
| 120 | 70026505 | 1 | Tool, Seal Loader | |
| 121 | 70026506 | 1 | Kit, Service | |

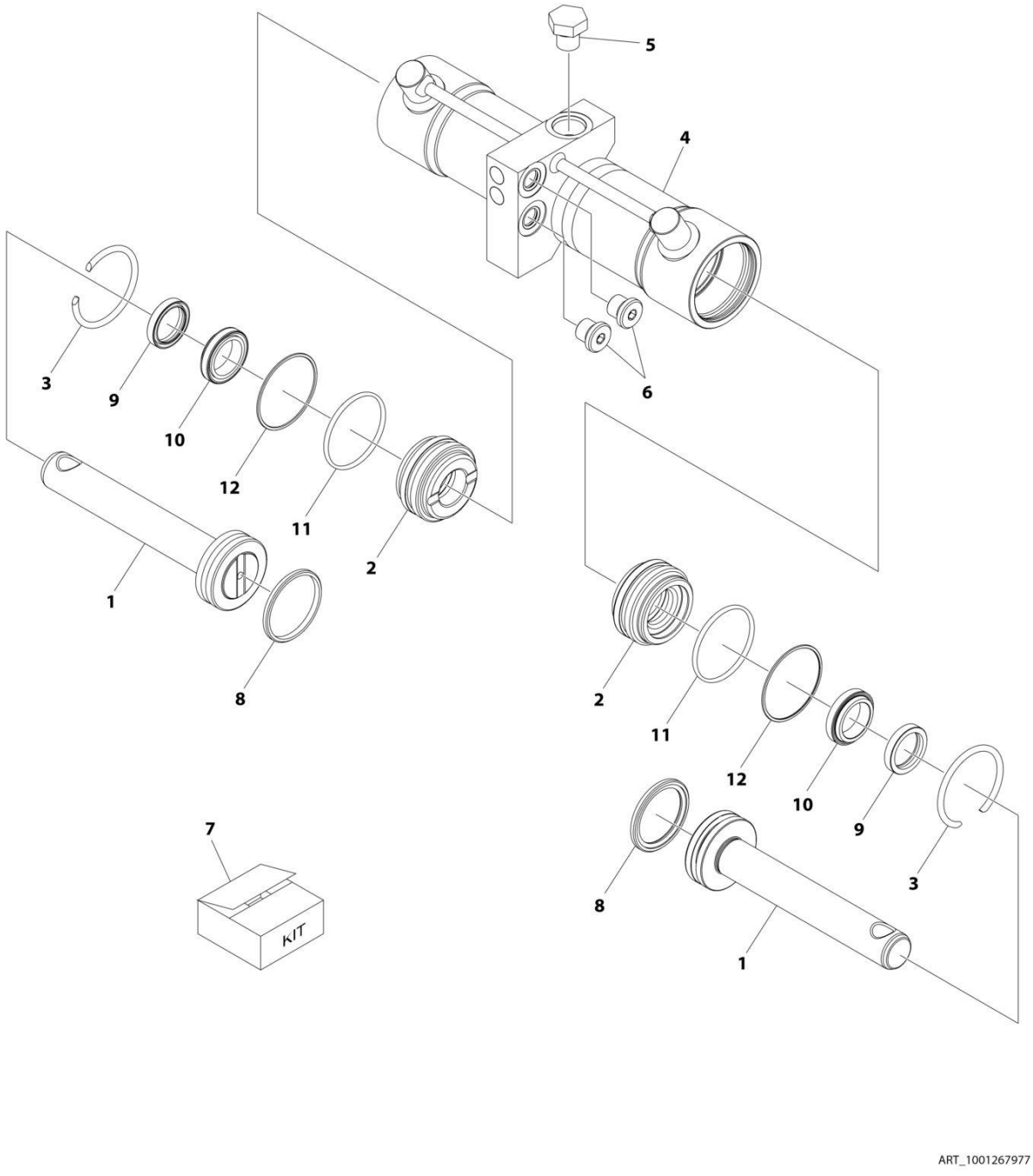
## FIGURE 9-12. CYLINDER ASSEMBLY - CARRIAGE (LOG HANDLER CYLINDER)



## FIGURE 9-12. CYLINDER ASSEMBLY - CARRIAGE (LOG HANDLER CYLINDER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028704 | Ref | Log Handler Carriage Cylinder Assembly | C |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 201 | N.S.S. | 1 | Barrel | |
| 202 | 70028728 | 1 | Rod | |
| 203 | 70028729 | 2 | Bushing | |
| 204 | N.S.S. | 1 | Ring, Wear | |
| 205 | N.S.S. | 1 | Seal | |
| 206 | 70028730 | 1 | Piston | |
| 207 | N.S.S. | 1 | O-Ring | |
| 208 | N.S.S. | 1 | Seal | |
| 209 | N.S.S. | 1 | Seal | |
| 210 | 70028731 | 1 | Retainer | |
| 211 | N.S.S. | 1 | Wiper | |
| 212 | N.S.S. | 1 | End, Rod (included with item 202) | |
| 213 | 70024733 | 1 | Valve, Check | |
| 214 | 70024129 | 2 | Plug | |
| 215 | 70024123 | 1 | Fitting, 90 | |
| 216 | 70024130 | 1 | Fitting, Straight | |
| 217 | 70024734 | 1 | Kit, Check Valve | |
| 218 | 70028732 | 1 | Nut | |
| 219 | 70028729 | 1 | Bushing (included with item 202) | |
| 220 | 70028588 | 1 | Tool, Seal Loader | |
| 221 | 70028733 | 1 | Kit, Seal (includes items 204, 205, 207, 208, 208, 211, 220) | |

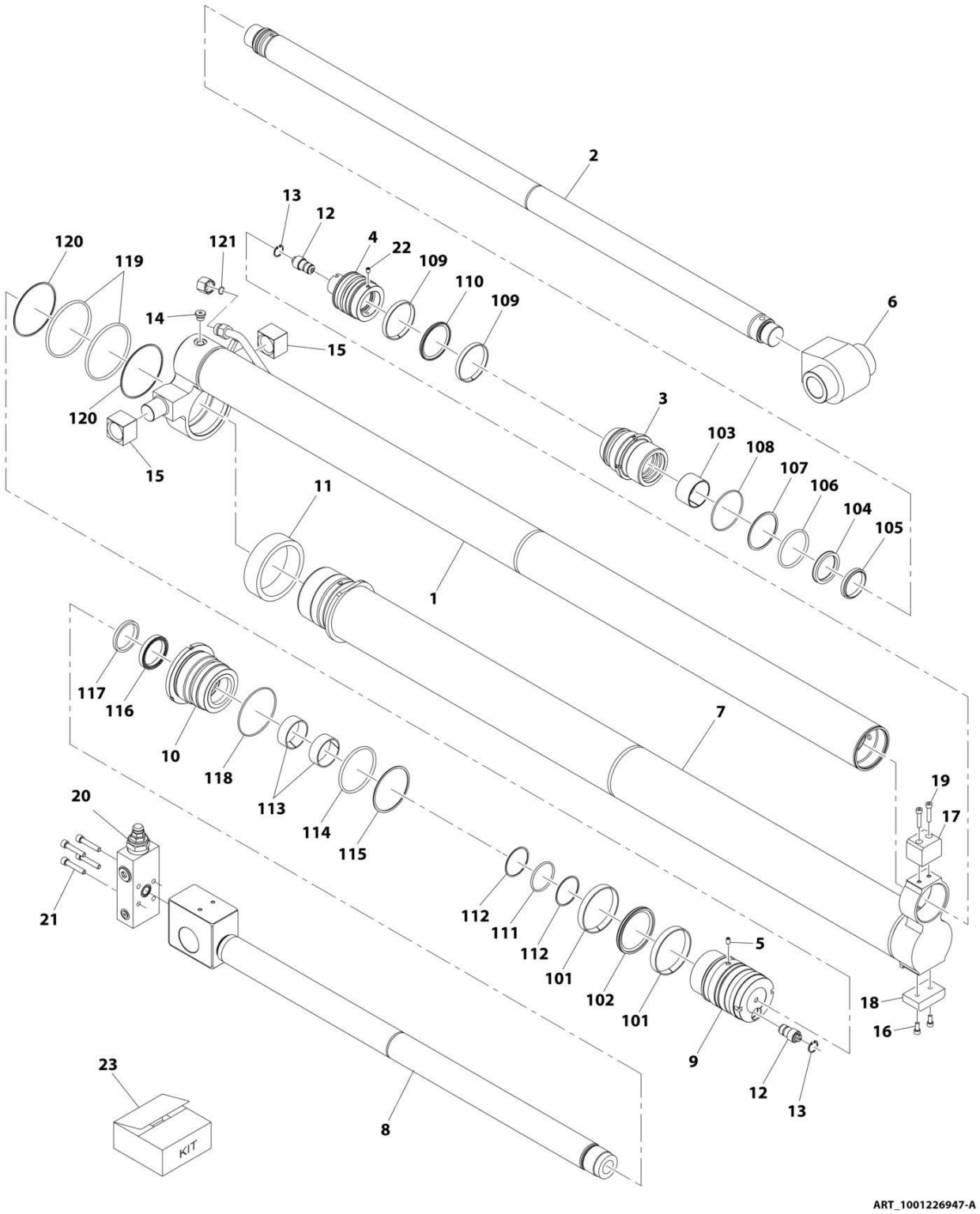
## FIGURE 9-13. CYLINDER ASSEMBLY - COUPLER LOCKING



## FIGURE 9-13. CYLINDER ASSEMBLY - COUPLER LOCKING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001267977 | Ref | COUPLER LOCKING CYLINDER | B |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | 70031293 | 2 | Rod | |
| 2 | 70031294 | 2 | Bushing | |
| 3 | 70031295 | 2 | Ring, Snap | |
| 4 | See Note | NSS | Barrel (Note: Not Sold Separately, Purchase 1001267977) | |
| 5 | 70031296 | 1 | Plug | |
| 6 | 2220885 | 2 | Plug | |
| 7 | 70031297 | 1 | Seal Kit (Includes Items 8-12) | |
| 8 | See Note | 2 | Seal, Piston (Note: Use Item 7) | |
| 9 | See Note | 2 | Seal, Rod (Note: Use Item 7) | |
| 10 | See Note | 2 | Ring, Wiper (Note: Use Item 7) | |
| 11 | See Note | 2 | O-Ring (Note: Use Item 7) | |
| 12 | See Note | 2 | Ring, Backup (Note: Use Item 7) | |

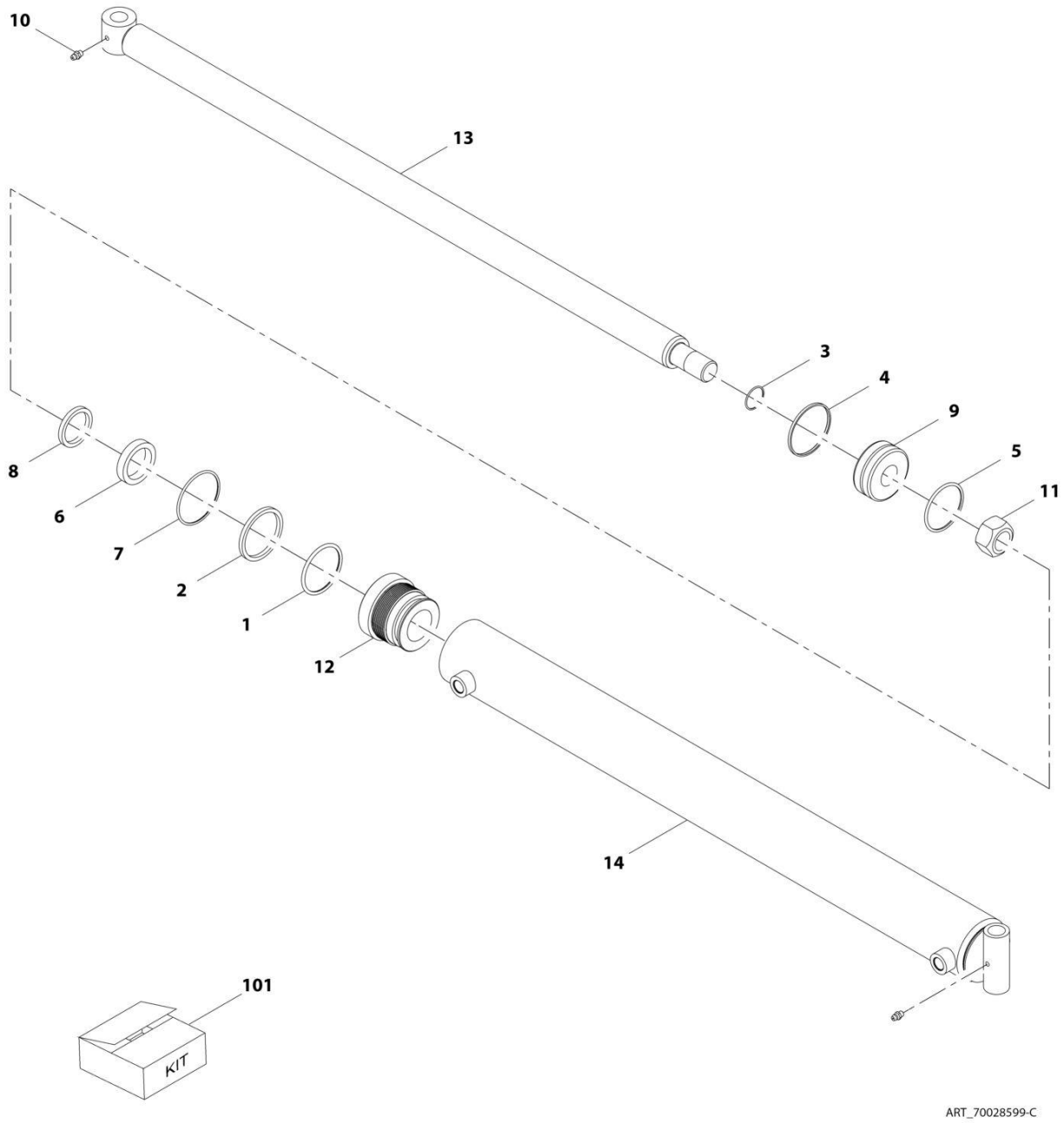
## FIGURE 9-14. CYLINDER ASSEMBLY - EXTEND/RETRACT



## FIGURE 9-14. CYLINDER ASSEMBLY - EXTEND/RETRACT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001226947 | Ref | Extend/Retract Cylinder | A |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 1 | N.S.S. | 1 | Barrel Assembly | |
| 2 | 70029016 | 1 | Rod Assembly | |
| 3 | 70024228 | 1 | Rod Guide | |
| 4 | 70024229 | 1 | Piston | |
| 5 | 70020438 | 1 | Screw | |
| 6 | 70028364 | 1 | Rod Eye | |
| 7 | N.S.S. | 1 | Barrel Assembly | |
| 8 | 70029017 | 1 | Rod Assembly | |
| 9 | 70024236 | 1 | Piston | |
| 10 | 70024235 | 1 | Rod Guide | |
| 11 | 70024234 | 1 | Spacer | |
| 12 | 70024230 | 2 | Valve | |
| 13 | 70024231 | 2 | Circlip | |
| 14 | 70024237 | 1 | Plug | |
| 15 | 70027801 | 2 | Trunnion Bearing | |
| 16 | 70029018 | 2 | Screw | |
| 17 | 70028368 | 1 | Wear Pad | |
| 18 | 70028367 | 1 | Wear Pad | |
| 19 | 70029019 | 2 | Screw | |
| 20 | 1001200111 | 1 | Valve, Counterbalance (Sold as Assembly Only) | |
| 20 | 70028422 | 1 | O-Ring (Between Valve & Rod) | |
| 21 | 70023916 | 4 | Screw | |
| 22 | 70026838 | 1 | Screw | |
| 23 | 70024224 | 1 | Seal Kit, Cylinder | |
| 101 | Kit | 2 | Bearing | |
| 102 | Kit | 1 | Piston Seal | |
| 103 | Kit | 1 | Bearing | |
| 104 | Kit | 1 | Rod Seal | |
| 105 | Kit | 1 | Wiper | |
| 106 | Kit | 1 | O-Ring | |
| 107 | Kit | 1 | Back up ring | |
| 108 | Kit | 1 | O-Ring | |
| 109 | Kit | 2 | Bearing | |
| 110 | Kit | 1 | Piston Seal | |
| 111 | Kit | 1 | O-Ring | |
| 112 | Kit | 2 | Back up ring | |
| 113 | Kit | 2 | Bearing | |
| 114 | Kit | 1 | O-Ring | |
| 115 | Kit | 1 | Back up ring | |
| 116 | Kit | 1 | Rod Seal | |
| 117 | Kit | 1 | Wiper | |
| 118 | Kit | 1 | O-Ring | |
| 119 | Kit | 2 | O-Ring | |
| 120 | Kit | 2 | Back up ring | |
| 121 | Kit | 1 | O-Ring | |

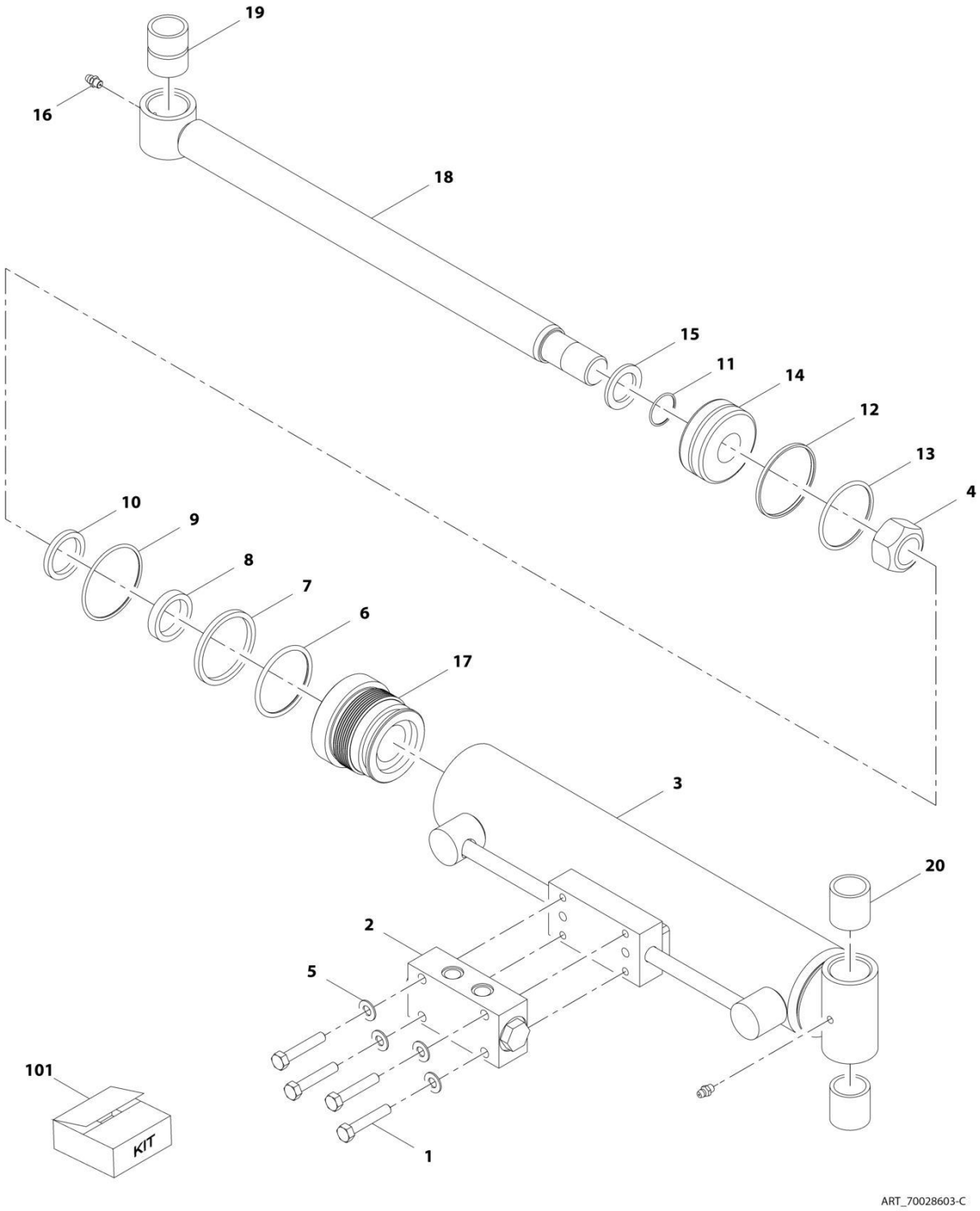
## FIGURE 9-15. CYLINDER ASSEMBLY - FORK POSITIONING



## FIGURE 9-15. CYLINDER ASSEMBLY - FORK POSITIONING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028599 | Ref | Fork Positioning Cylinder Assembly | C |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 1 | Kit | 1 | O-Ring | |
| 2 | Kit | 1 | O-Ring | |
| 3 | Kit | 1 | O-Ring | |
| 4 | Kit | 1 | Seal | |
| 5 | Kit | 1 | O-Ring | |
| 6 | Kit | 1 | Seal | |
| 7 | Kit | 1 | O-Ring | |
| 8 | Kit | 1 | Seal | |
| 9 | 70028609 | 1 | Piston, Cylinder | |
| 10 | 90554045 | 2 | Fitting, Grease | |
| 11 | 70021440 | 1 | Nut | |
| 12 | 70028610 | 1 | Gland, Cylinder | |
| 13 | 70028611 | 1 | Rod | |
| 14 | N.S.S. | 1 | Tube | |
| 101 | Kit | 1 | Kit, Seal | |

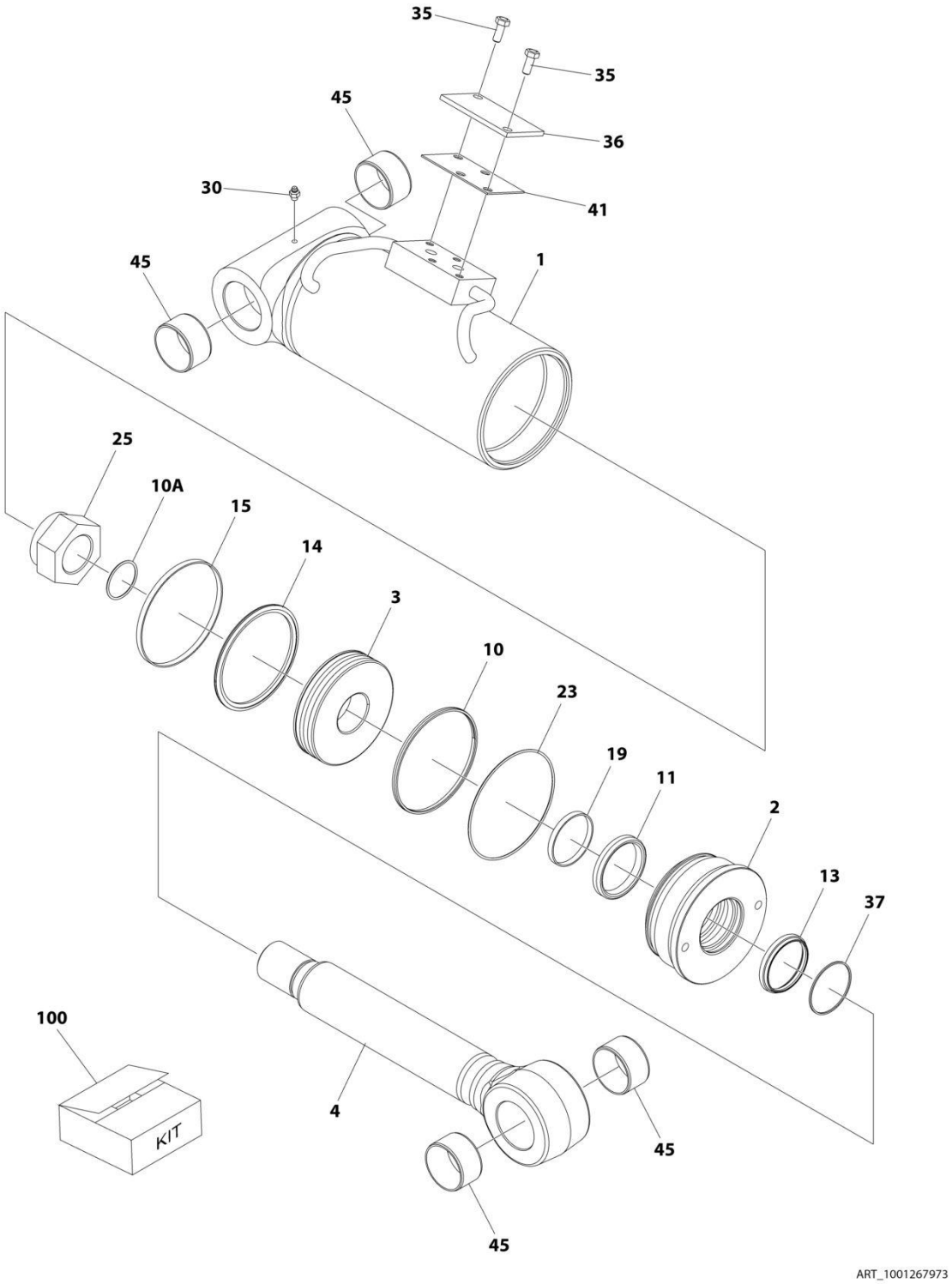
## FIGURE 9-16. CYLINDER INSTALLATION - FORK POSITIONING SIDE SHIFT



## FIGURE 9-16. CYLINDER INSTALLATION - FORK POSITIONING SIDE SHIFT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028603 | Ref | Side Shift Cylinder Assembly | C |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 1 | 70028612 | 4 | Bolt | |
| 2 | 70028613 | 1 | Valve | |
| 3 | N.S.S. | 1 | Tube | |
| 4 | 70021440 | 1 | Nut | |
| 5 | 70028614 | 4 | Washer, Flat | |
| 6 | Kit | 1 | O-Ring | |
| 7 | Kit | 1 | O-Ring | |
| 8 | Kit | 1 | Seal | |
| 9 | Kit | 1 | O-Ring | |
| 10 | Kit | 1 | Seal | |
| 11 | Kit | 1 | O-Ring | |
| 12 | Kit | 1 | Seal | |
| 13 | Kit | 1 | O-Ring | |
| 14 | 70021451 | 1 | Piston | |
| 15 | 70021444 | 1 | Spacer | |
| 16 | 90554045 | 2 | Fitting, Grease | |
| 17 | 70021446 | 1 | Gland, Cylinder | |
| 18 | 70021445 | 1 | Rod | |
| 19 | 70021447 | 1 | Bushing | |
| 20 | 70021448 | 2 | Bushing | |
| 101 | 70021452 | 1 | Kit, Seal (includes items 6 thru 13) | |

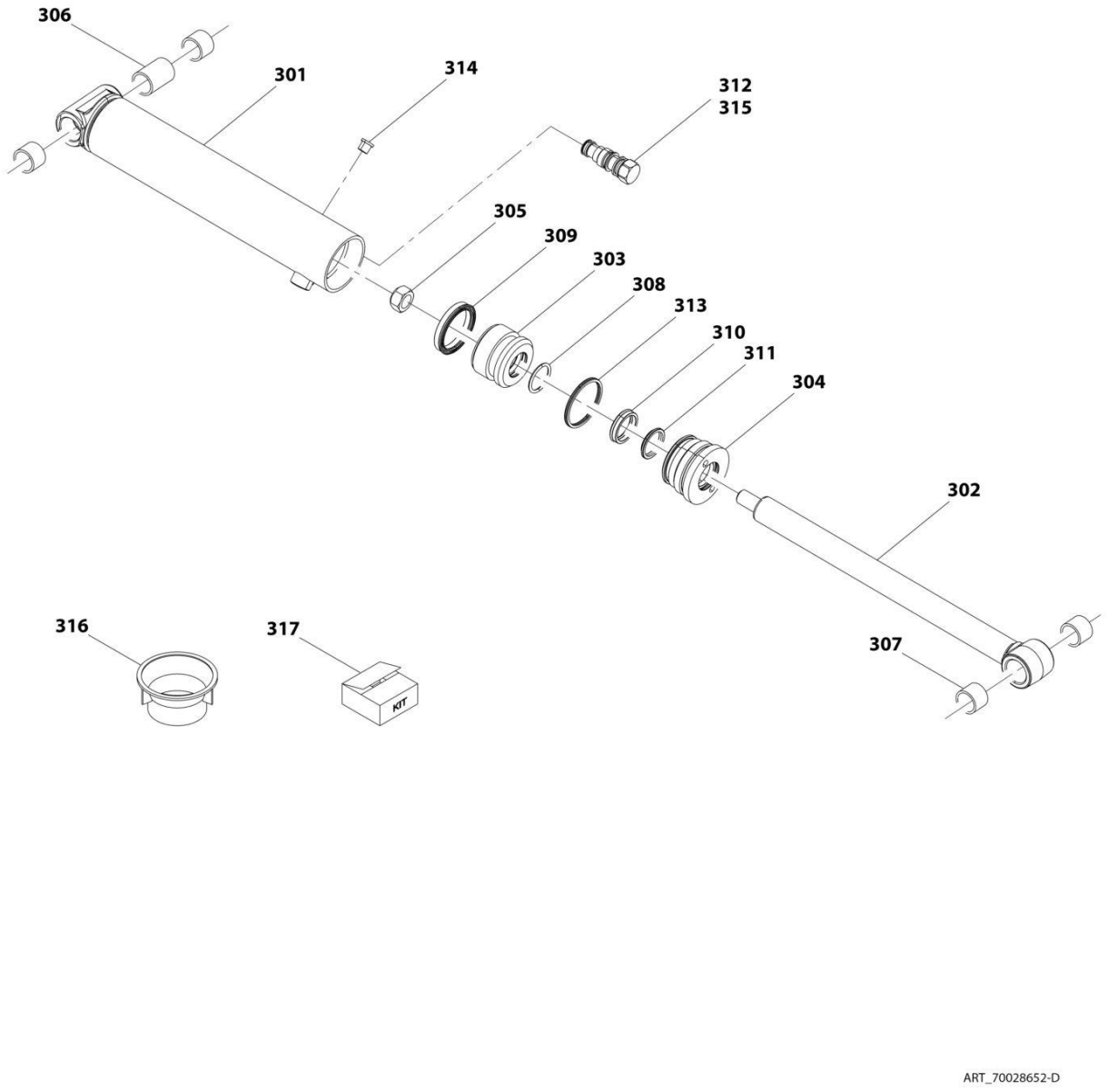
## FIGURE 9-17. CYLINDER ASSEMBLY - FRAME LEVEL



## FIGURE 9-17. CYLINDER ASSEMBLY - FRAME LEVEL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001267973 | Ref | CYLINDER ASSEMBLY | B |
| | | Ref | Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts. | |
| 1 | See Note | NSS | Barrel (Note: Use PN 1001267973) | |
| 2 | 70030388 | 1 | Head | |
| 3 | 70030389 | 1 | Piston | |
| 4 | 70030403 | 1 | Rod | |
| 10 | See Note | NSS | Seal, Dual (Note: Use Item 100) | |
| 10A | See Note | NSS | O-Ring (Note: Use Item 100) | |
| 11 | See Note | NSS | Seal, Rod (Note: Use Item 100) | |
| 13 | See Note | NSS | Wiper (Note: Use Item 100) | |
| 14 | See Note | NSS | Seal, Piston (Note: Use Item 100) | |
| 15 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 19 | See Note | NSS | Ring, Wear (Note: Use Item 100) | |
| 23 | See Note | NSS | Seal, Environmental (Note: Use Item 100) | |
| 25 | 70030391 | 1 | Nut 1-3/4 | |
| 30 | 70030404 | 1 | Fitting, Grease | |
| 35 | | Ref | Bolt M8 x 1-1/4 | |
| 36 | | Ref | Plate, Shipping | |
| 37 | 70030392 | 1 | Mask, Wiper | |
| 41 | | Ref | Gasket, Shipping | |
| 45 | 70030393 | 4 | Bushing | |
| 100 | 70030394 | 1 | Seal Kit (Includes Items 10, 10A, 11, 13, 14, 15, 19 & 23) | |

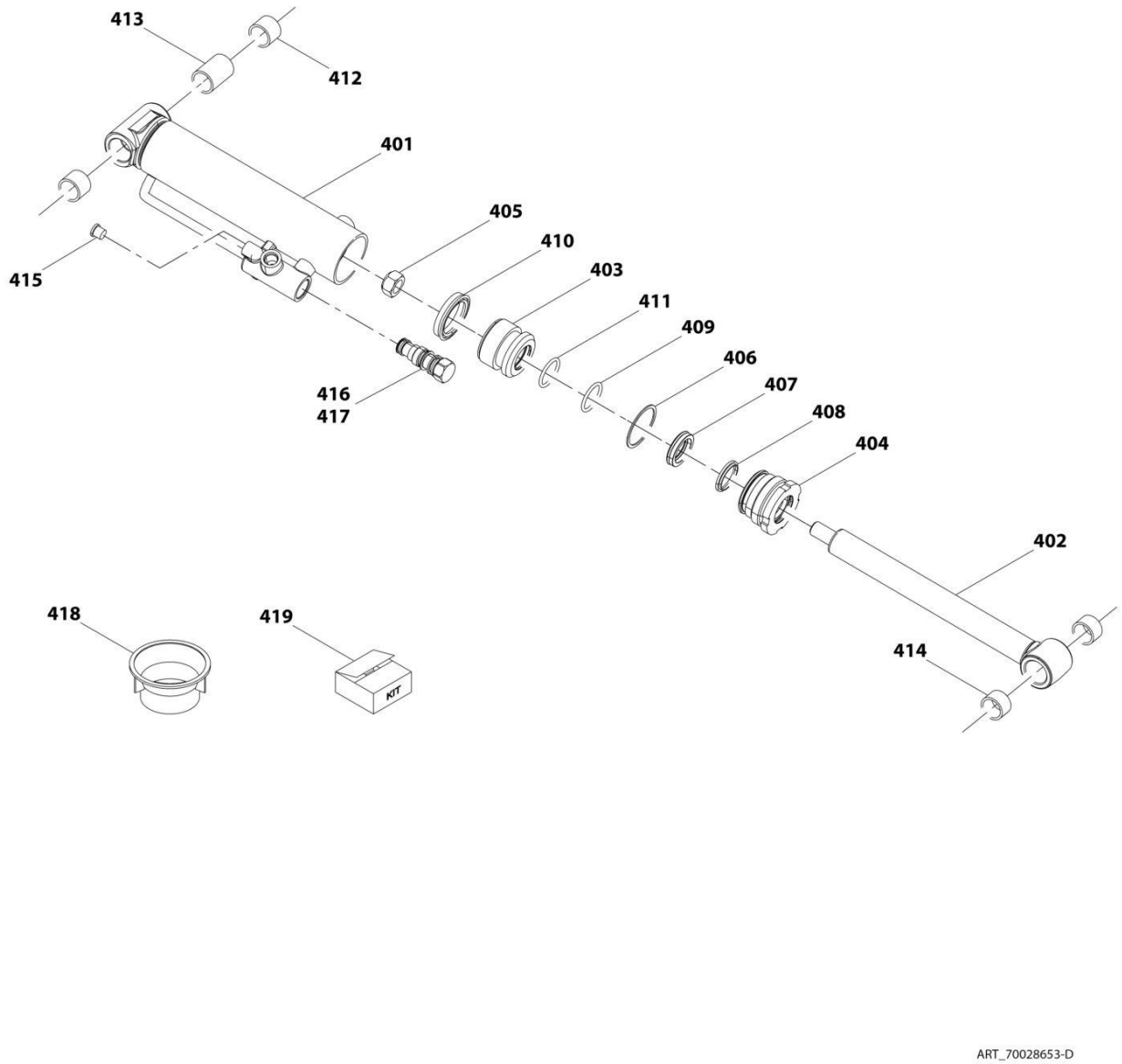
## FIGURE 9-18. CYLINDER ASSEMBLY - PIPE HANDLER CARRIAGE (UPPER)



## FIGURE 9-18. CYLINDER ASSEMBLY - PIPE HANDLER CARRIAGE (UPPER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028652 | Ref | Upper Cylinder Assembly | D |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 301 | N.S.S. | 1 | Barrel | |
| 302 | 70028270 | 1 | Rod | |
| 303 | 70028254 | 1 | Piston | |
| 304 | 70028255 | 1 | Retainer | |
| 305 | 70028258 | 1 | Nut | |
| 306 | 70028257 | 1 | Spacer | |
| 307 | 70028256 | 4 | Bushing | |
| 308 | N.S.S. | 1 | O-Ring | |
| 309 | N.S.S. | 1 | Seal | |
| 310 | N.S.S. | 1 | Seal | |
| 311 | N.S.S. | 1 | Wiper | |
| 312 | 70026502 | 1 | Valve, Check | |
| 313 | N.S.S. | 1 | Seal | |
| 314 | 70024129 | 2 | Plug | |
| 315 | 70024734 | 1 | Kit, Check Valve | |
| 316 | 70028691 | 1 | Tool, Seal Loader | |
| 317 | 70028770 | 1 | Kit, Seal | |

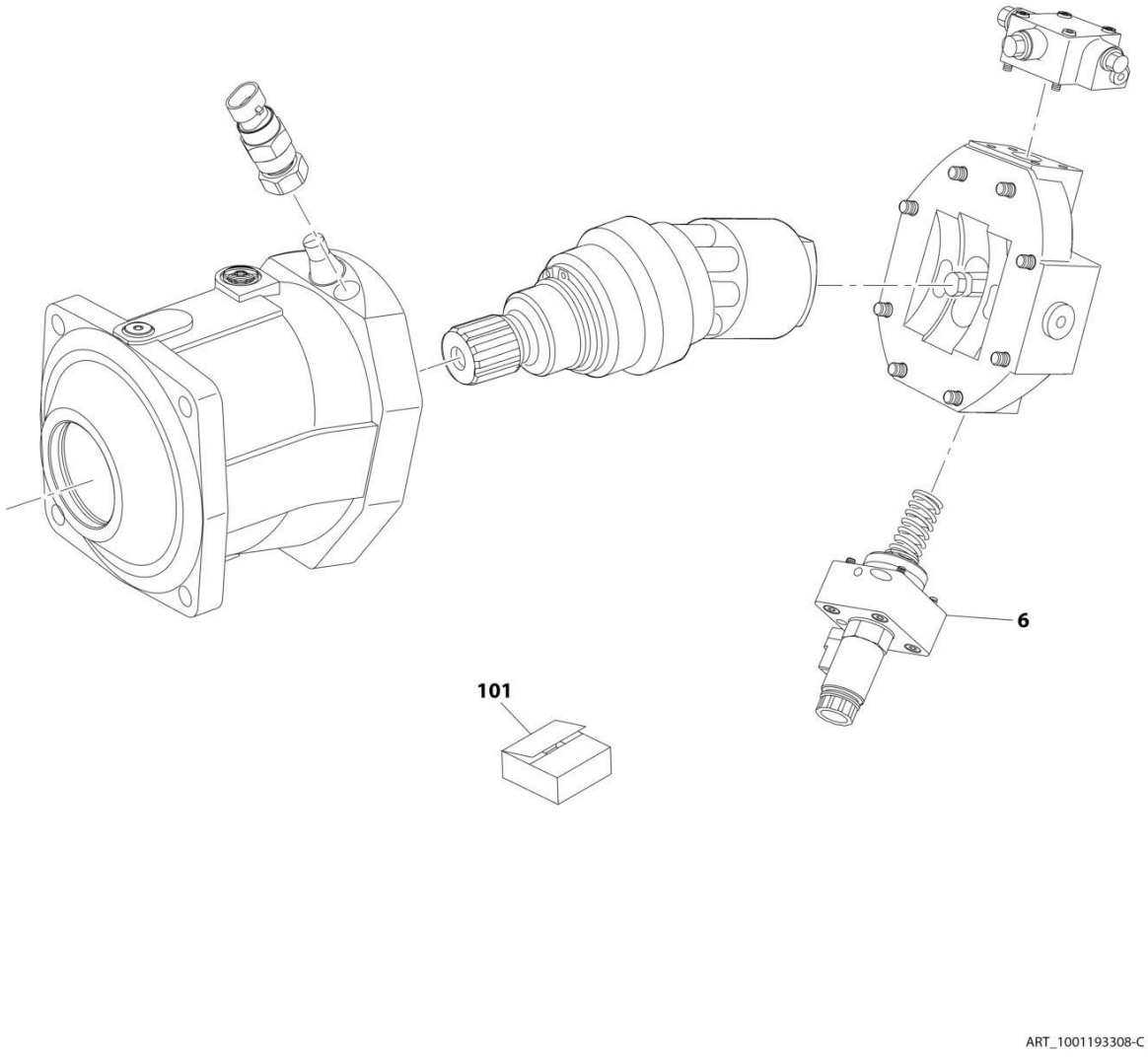
## FIGURE 9-19. CYLINDER ASSEMBLY - PIPE HANDLER CARRIAGE (LOWER)



## FIGURE 9-19. CYLINDER ASSEMBLY - PIPE HANDLER CARRIAGE (LOWER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028653 | Ref | Lower Cylinder Assembly | D |
| | | Ref | **Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.** | |
| 401 | N.S.S. | 1 | Barrel | |
| 402 | 70028692 | 1 | Rod | |
| 403 | 70024142 | 1 | Piston | |
| 404 | 70028693 | 1 | Retainer | |
| 405 | 70028258 | 1 | Nut | |
| 406 | N.S.S. | 1 | Ring, Backup | |
| 407 | N.S.S. | 1 | Seal | |
| 408 | N.S.S. | 1 | Wiper | |
| 409 | N.S.S. | 1 | O-Ring | |
| 410 | N.S.S. | 1 | Seal | |
| 411 | N.S.S. | 1 | O-Ring | |
| 412 | 70028256 | 2 | Bushing | |
| 413 | 70028257 | 1 | Spacer | |
| 414 | 70028694 | 2 | Bushing | |
| 415 | 70024129 | 2 | Plug | |
| 416 | 70026502 | 1 | Valve, Check | |
| 417 | 70024734 | 1 | Kit, Check Valve | |
| 418 | 70028691 | 1 | Tool, Seal Loader | |
| 419 | 70028771 | 1 | Kit, Seal | |

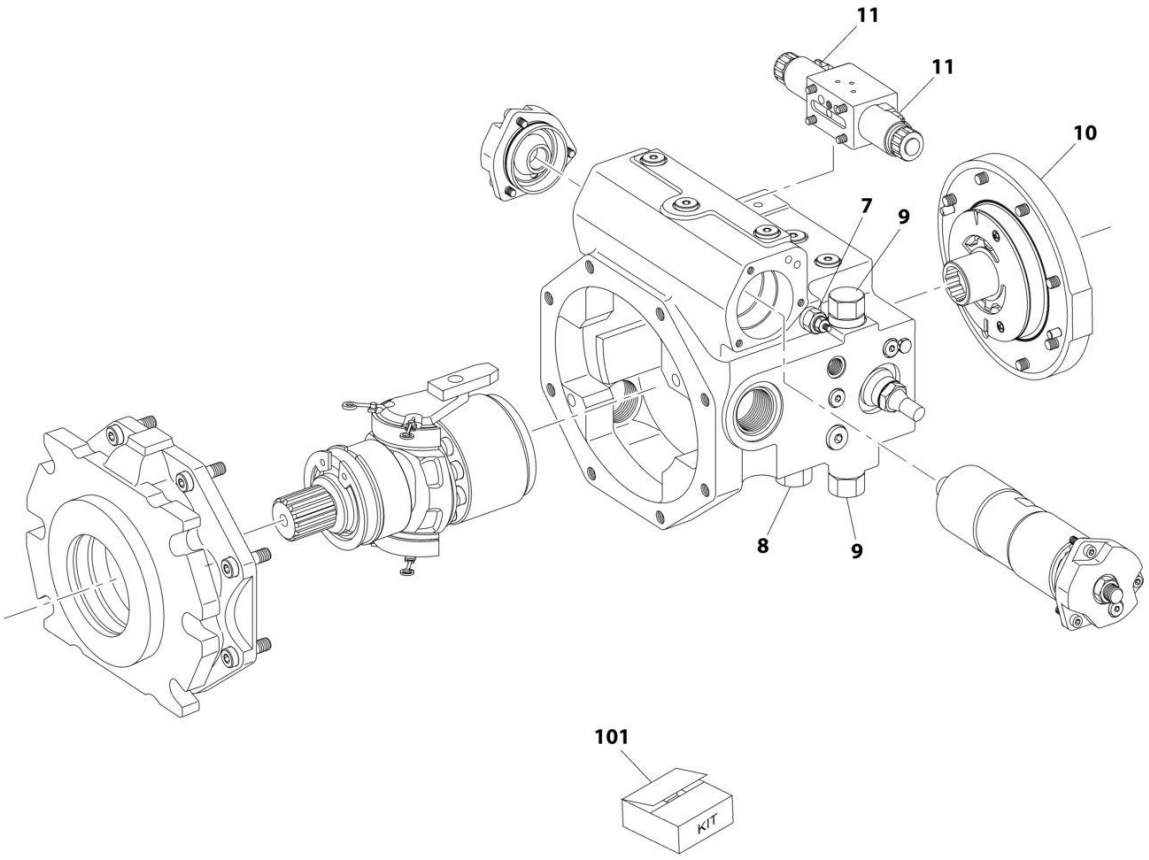
## FIGURE 9-20. MOTOR ASSEMBLY - HYDROSTATIC



## FIGURE 9-20. MOTOR ASSEMBLY - HYDROSTATIC

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193308 | Ref | Hydrostatic Motor | C |
| 6 | 70028420 | 1 | Valve, Flushing | |
| 101 | 70027601 | 1 | Kit, Seal | |
| | Kit | 1 | Seal | |
| | Kit | 1 | O-Ring | |
| | Kit | 2 | Seal | |
| | Kit | 7 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 3 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 2 | Ring, Backup | |
| | Kit | 1 | Seal | |
| | Kit | 1 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | Seal | |

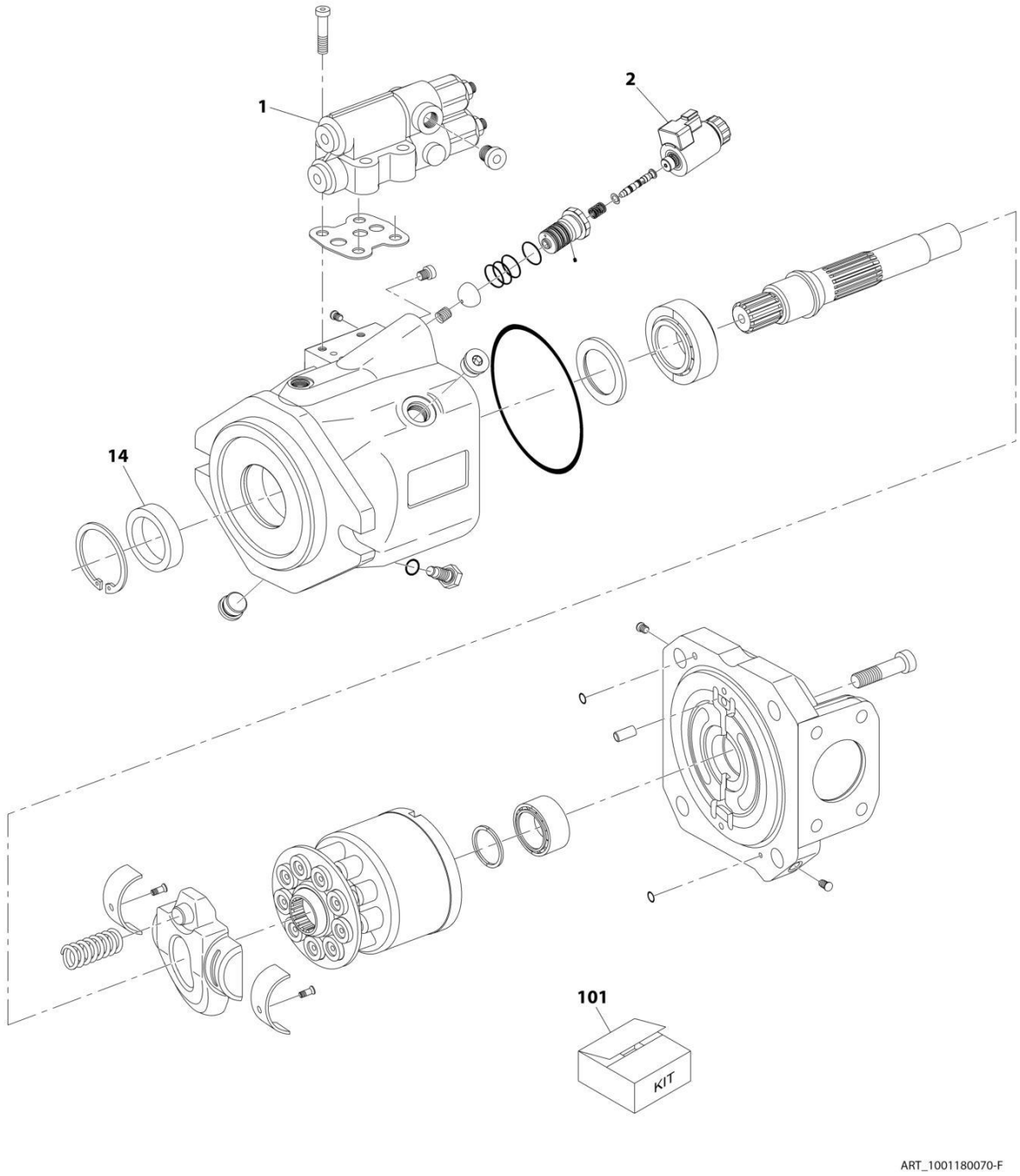
## FIGURE 9-21. PUMP ASSEMBLY - HYDROSTATIC



## FIGURE 9-21. PUMP ASSEMBLY - HYDROSTATIC

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193307 | Ref | Hydrostatic Pump | D |
| 7 | 70024946 | 1 | Valve, Relief | |
| 8 | 70027598 | 1 | Valve, Pressure Override | |
| 9 | 70024945 | 2 | Valve, Relief | |
| 10 | 70028411 | 1 | Pump, Charge | |
| 11 | 70022726 | 2 | Solenoid | |
| 101 | 70028410 | 1 | Kit, Seal | |
| | Kit | 1 | Seal, Shaft | |
| | Kit | 2 | Retaining Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 2 | Seal, Rod | |
| | Kit | 1 | Nut, Sealing | |
| | Kit | 3 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 2 | Nut, Sealing | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | Kit, Seal | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | O-Ring | |
| | Kit | 1 | Seal | |
| | Kit | 1 | Seal | |
| | Kit | 1 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 2 | O-Ring | |
| | Kit | 2 | O-Ring | |

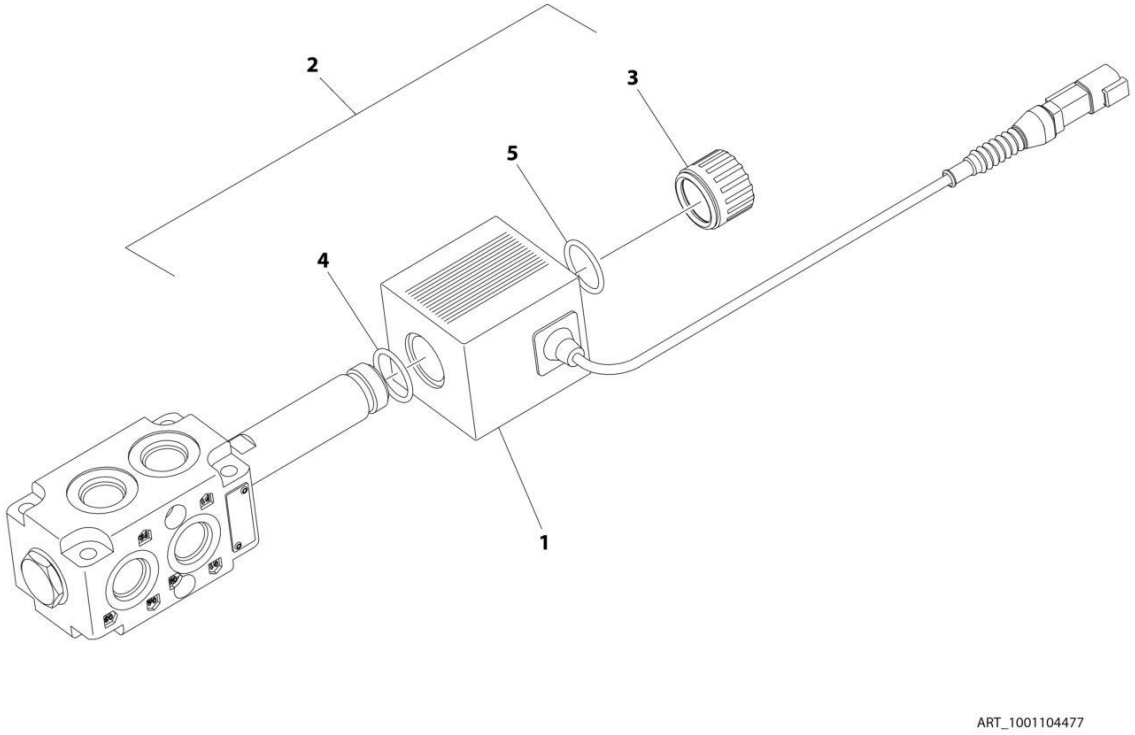
## FIGURE 9-22. PUMP ASSEMBLY - IMPLEMENT



## FIGURE 9-22. PUMP ASSEMBLY - IMPLEMENT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180070 | 1 | Implement Pump | F |
| 1 | 70027595 | 1 | Controller, DSR | |
| 2 | 70028412 | 1 | Controller, EK | |
| 14 | 7024947 | 1 | Seal, Shaft | |
| 101 | 70028413 | 1 | Kit, Seal | |
| | Kit | 1 | Seal | |
| | Kit | 1 | Plug | |
| | Kit | 2 | Plug | |
| | Kit | 2 | O-Ring | |
| | Kit | 1 | O-Ring | |

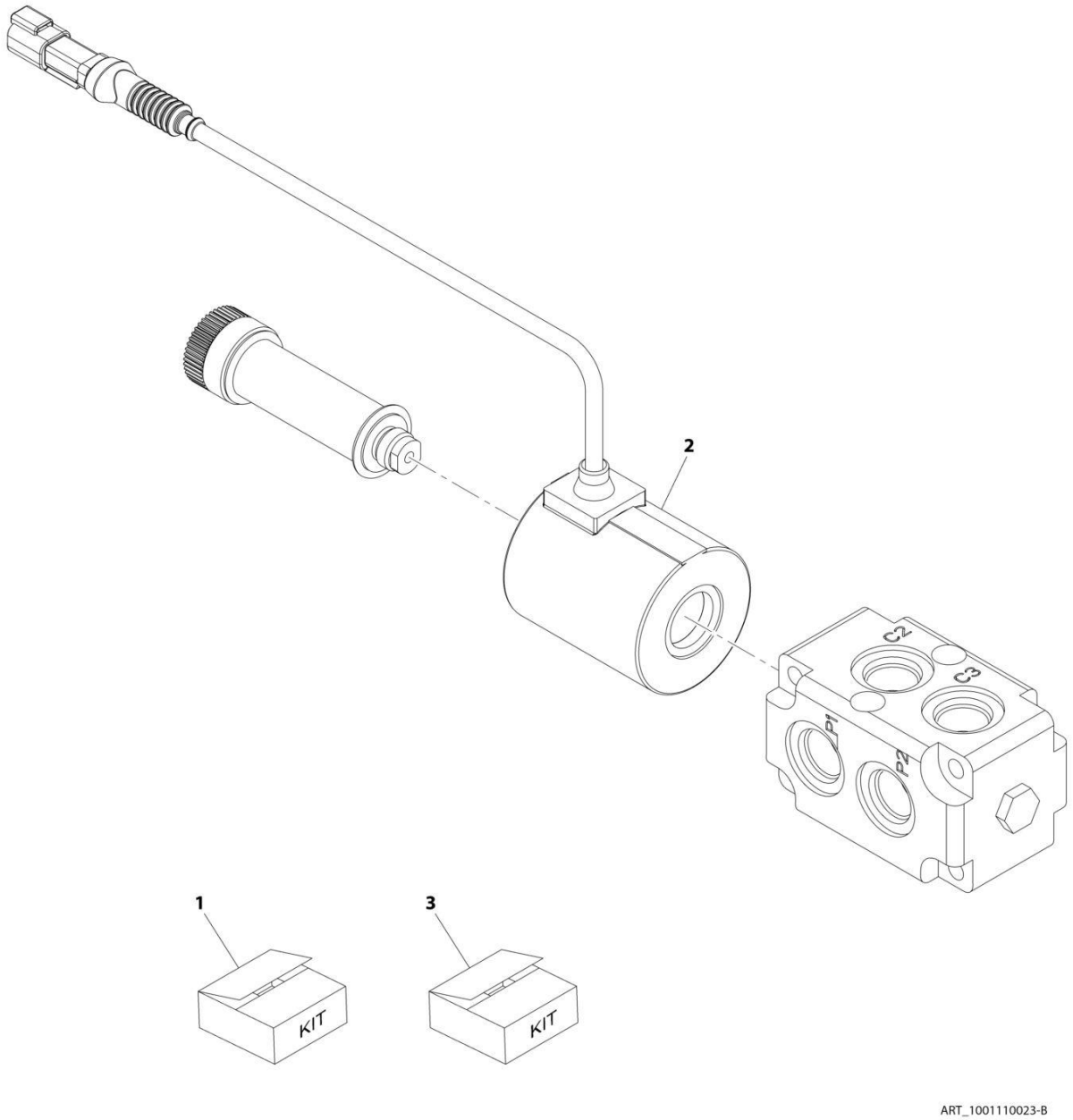
## FIGURE 9-23. VALVE ASSEMBLY - BOOM AUX DIVERTER VALVE (HYDRAULIC - SINGLE & TWIN)



## FIGURE 9-23. VALVE ASSEMBLY - BOOM AUX DIVERTER VALVE (HYDRAULIC - SINGLE & TWIN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001104477 | Ref | DIVERTOR VALVE | D |
| 1 | 70020764 | 1 | Coil | |
| 2 | 70021531 | 1 | Retainer Kit (Includes Items 3-5) | |
| 3 | Kit | 1 | Nut | |
| 4 | Kit | 1 | O-Ring | |
| 5 | Kit | 1 | O-Ring | |

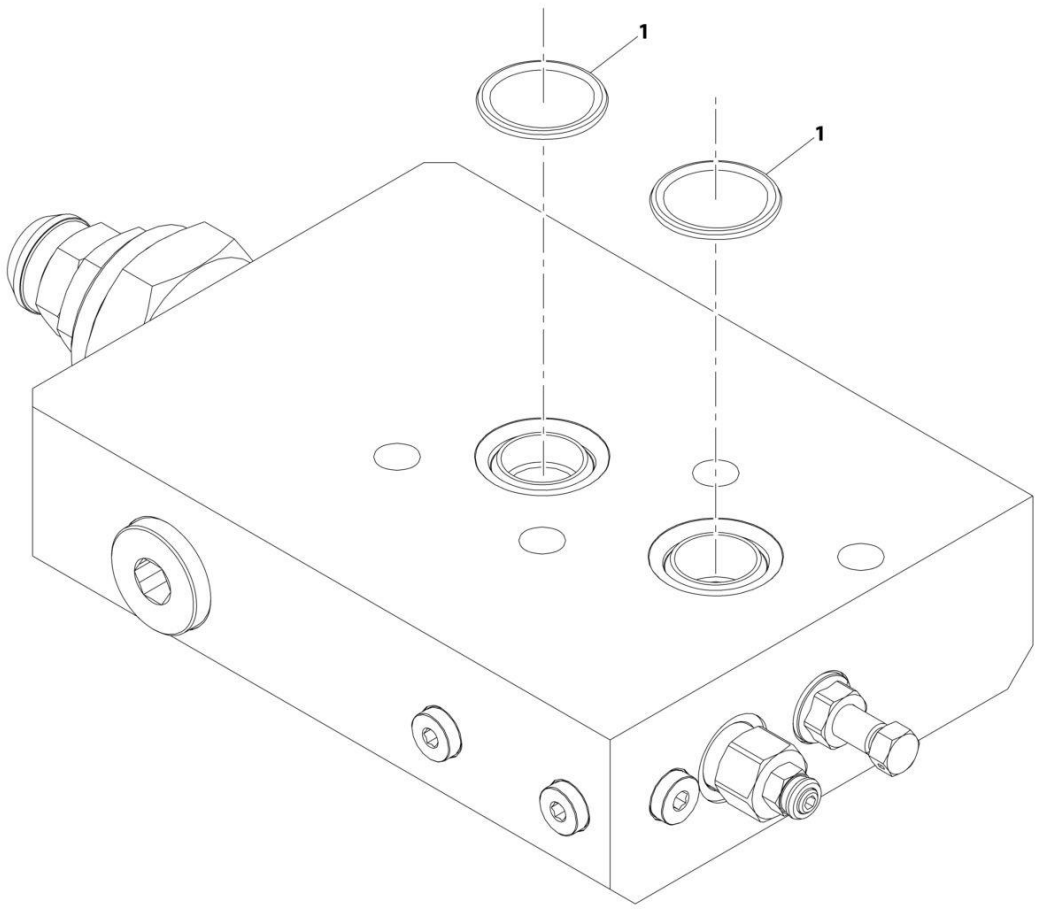
## FIGURE 9-24. VALVE ASSEMBLY - BOOM AUX DIVERTER VALVE (MANUAL & HYDRAULIC -TWIN)



## FIGURE 9-24. VALVE ASSEMBLY - BOOM AUX DIVERTER VALVE (MANUAL & HYDRAULIC -TWIN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001110023 | Ref | Divertor Valve | B |
| 1 | 70027596 | 1 | Kit, Seal | |
| | Kit | 2 | O-Ring | |
| 2 | 70020764 | 1 | Coil | |
| 3 | 70021531 | 1 | Kit, Coil Nut | |
| | N.S.S. | 1 | O-Ring | |
| | N.S.S. | 1 | O-Ring | |
| | N.S.S. | 1 | Nut | |

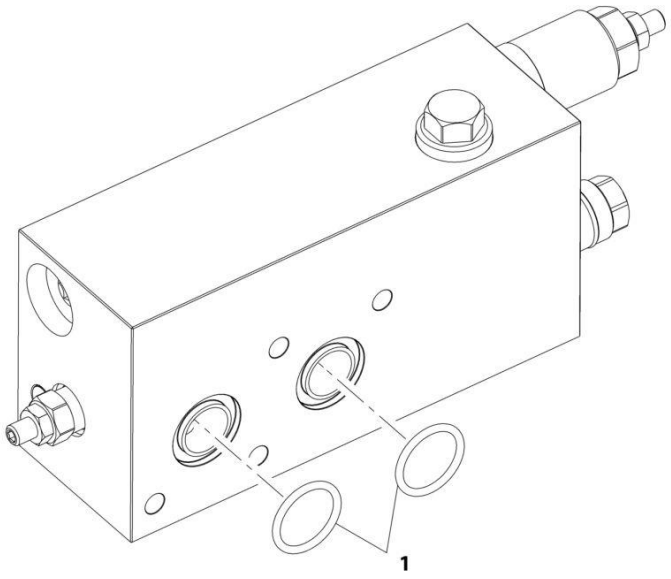
## FIGURE 9-25. VALVE ASSEMBLY - BOOM EXTEND/RETRACT COUNTERBALACE VALVE



## FIGURE 9-25. VALVE ASSEMBLY - BOOM EXTEND/RETRACT COUNTERBALACE VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001209862 | Ref | Counterbalance Valve | E |
| 1 | 70028422 | 2 | O-Ring | |

## FIGURE 9-26. VALVE ASSEMBLY - BOOM RAISE COUNTERBALANCE VALVE (NO RIDE CONTROL)

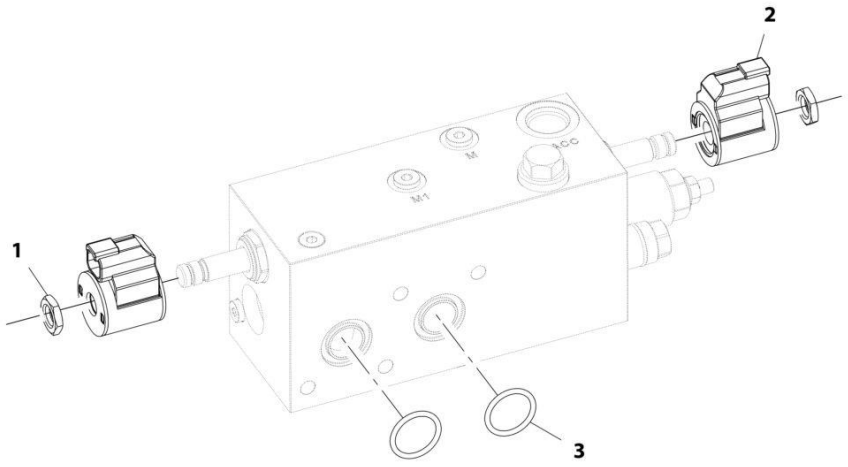



ART_1001224944-C

## FIGURE 9-26. VALVE ASSEMBLY - BOOM RAISE COUNTERBALANCE VALVE (NO RIDE CONTROL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001224944 | Ref | Counterbalance Valve | C |
| 1 | 70028282 | 1 | O-Ring | |

## FIGURE 9-27. VALVE ASSEMBLY - BOOM RAISE RIDE & FLOAT VALVE (RIDE CONTROL)

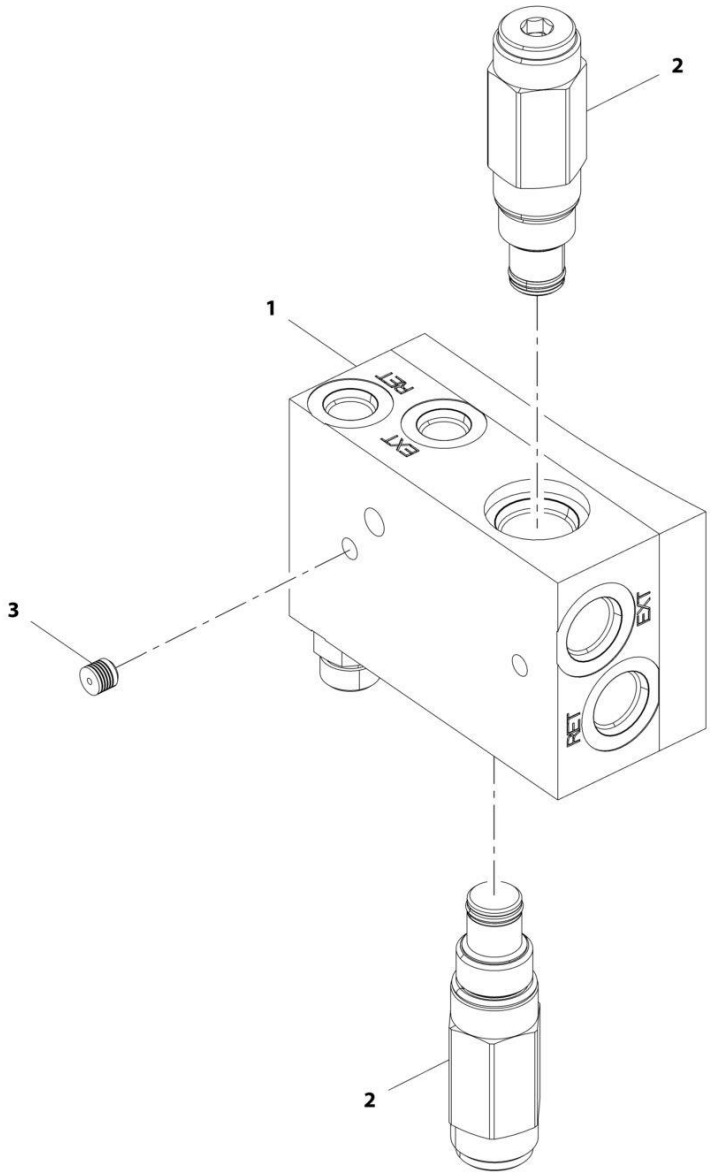



ART_1001224945-C

## FIGURE 9-27. VALVE ASSEMBLY - BOOM RAISE RIDE & FLOAT VALVE (RIDE CONTROL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001224945 | Ref | Boom Raise Valve (Ride Control) | C |
| 1 | 7022390 | 2 | Nut | |
| 2 | 70028281 | 2 | Coil | |
| 3 | 70028282 | 2 | O-Ring | |

## FIGURE 9-28. VALVE ASSEMBLY - BUCKET (5.23 YD³/4.0M³)

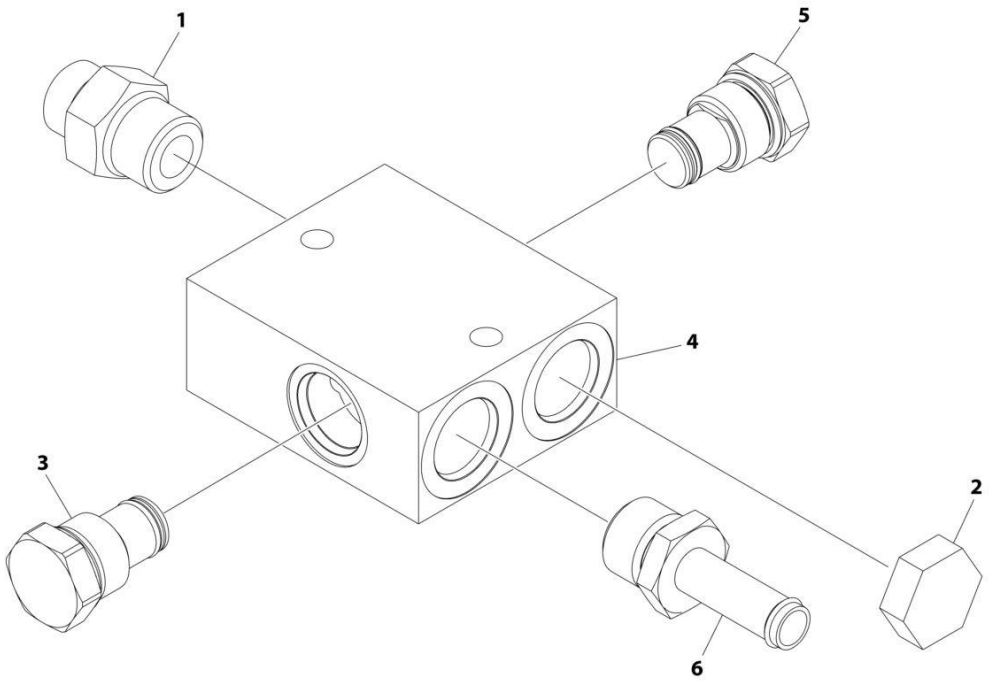



ART_70028573-D

## FIGURE 9-28. VALVE ASSEMBLY - BUCKET (5.23 YD³/4.0M³)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70028573 | Ref | Valve Assembly, Bucket (5.23 YD³/4.0M³) | D |
| 1 | 70026477 | 1 | Manifold | |
| 2 | 70028589 | 2 | Cartridge, Relief | |
| 3 | 70026614 | 2 | Plug | |

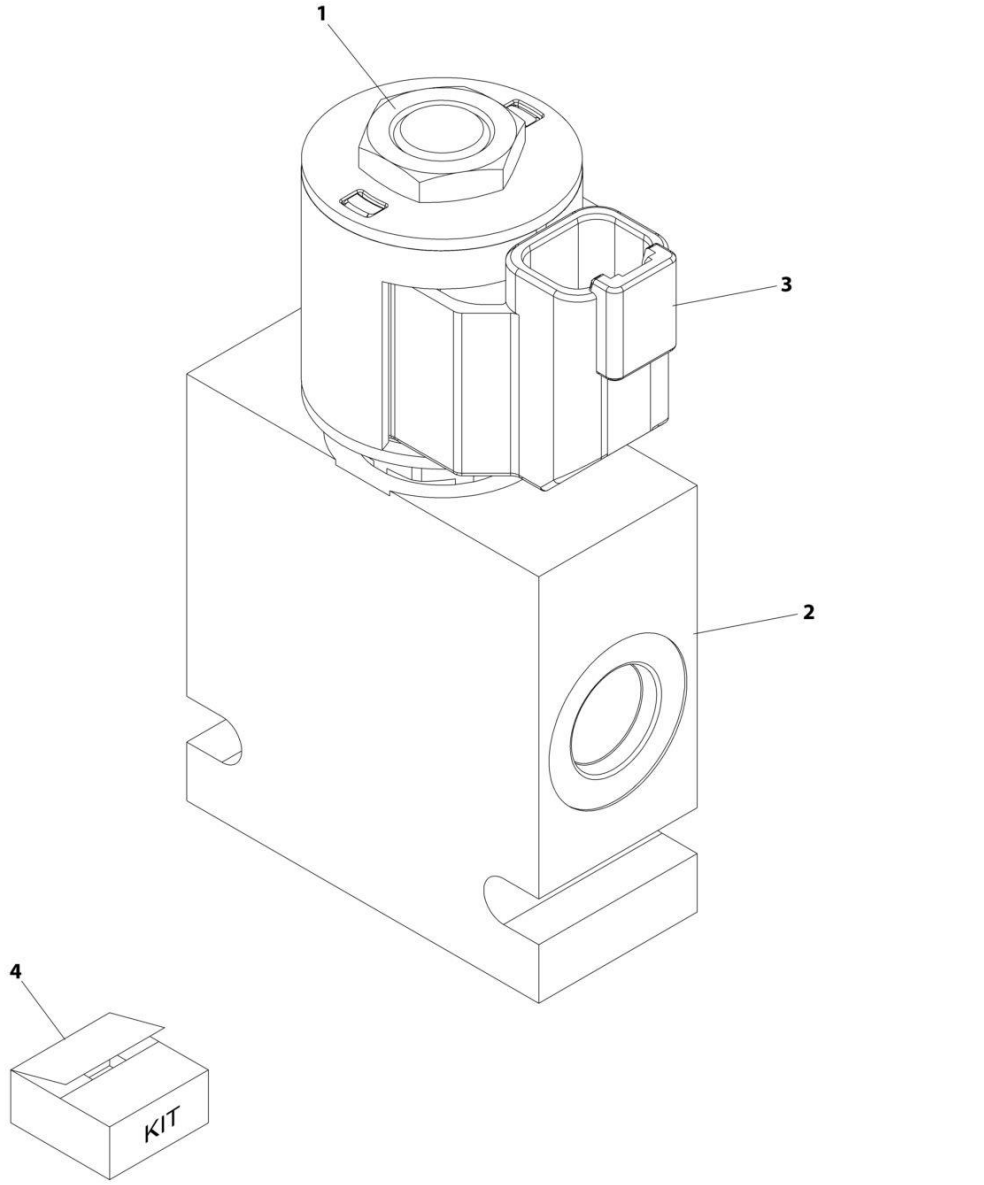
## FIGURE 9-29. VALVE ASSEMBLY - CAB HYDRAULICS CHECK VALVE



## FIGURE 9-29. VALVE ASSEMBLY - CAB HYDRAULICS CHECK VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212789 | Ref | VALVE ASSEMBLY - CAB HYDRAULICS CHECK VALVE | E |
| 1 | 2110810 | 1 | Fitting, Straight ORFS | |
| 2 | 2220239 | 1 | Plug | |
| 3 | 1001231393 | 1 | Valve, Check | |
| 4 | 1001210780 | 1 | Manifold, Dual Check Valve | |
| 5 | 1001210801 | 1 | Valve, Check | |
| 6 | 1001225656 | 1 | Fitting, Barb | |

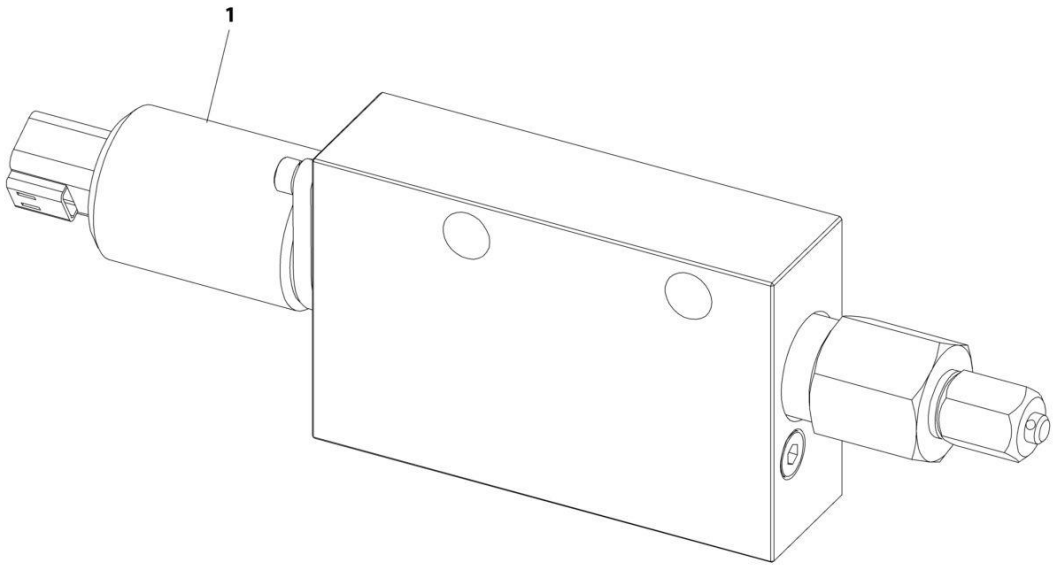
## FIGURE 9-30. VALVE ASSEMBLY - CAB HYDRAULICS SOLENOID VALVE



## FIGURE 9-30. VALVE ASSEMBLY - CAB HYDRAULICS SOLENOID VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221928 | Ref | Solenoid Valve | A |
| 1 | 70004387 | 1 | Cartridge | |
| 2 | N.S.S. | Ref | Body | |
| 3 | 70002963 | 1 | Coil | |
| 4 | 7010543 | 1 | Kit, Seal | |

## FIGURE 9-31. VALVE ASSEMBLY - ENGINE BAY INCHING VALVE

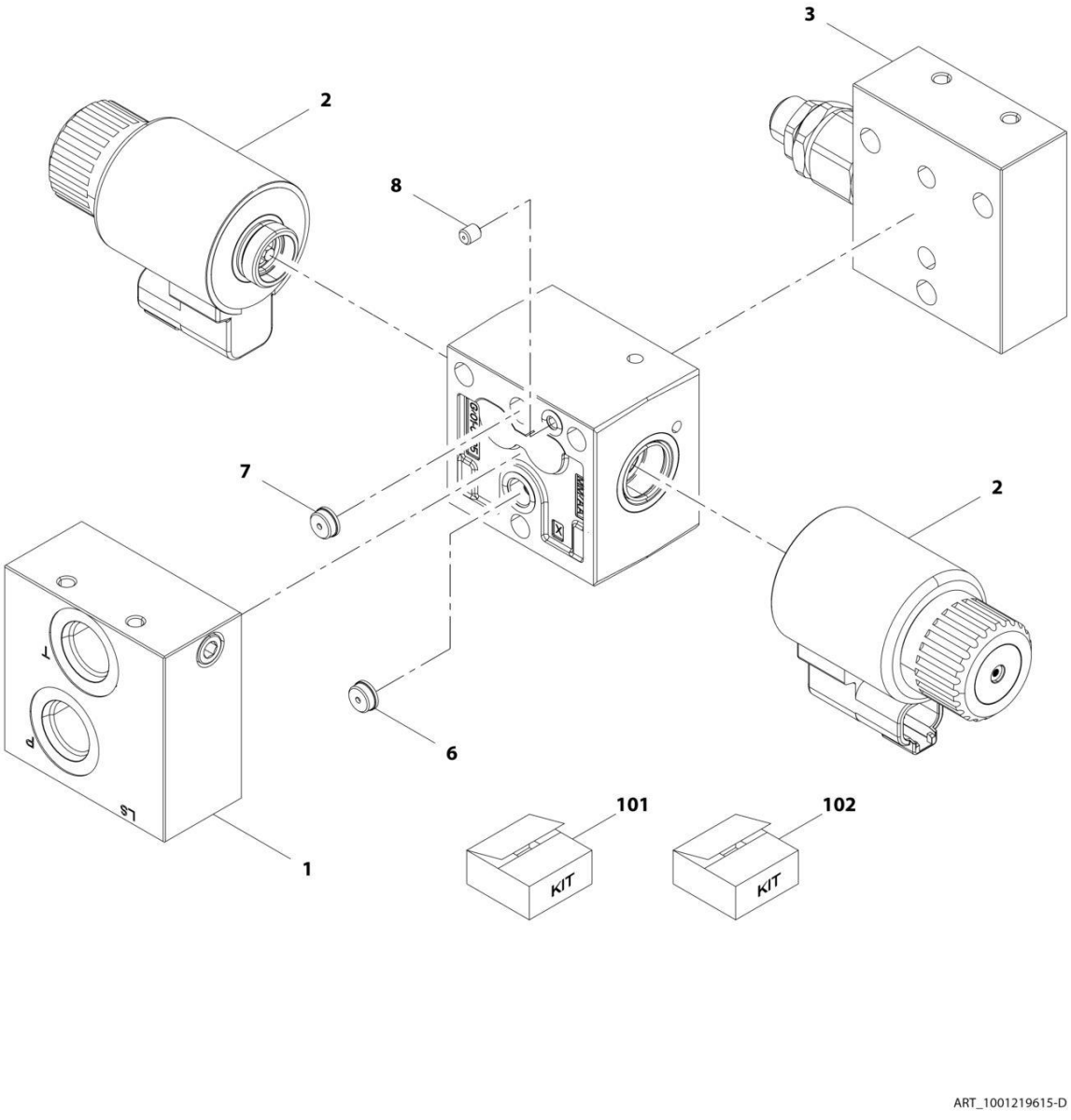



ART_1001213311-B

## FIGURE 9-31. VALVE ASSEMBLY - ENGINE BAY INCHING VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001213311 | Ref | Inching Valve | B |
| 1 | 70028361 | 1 | Valve, Proportional | |

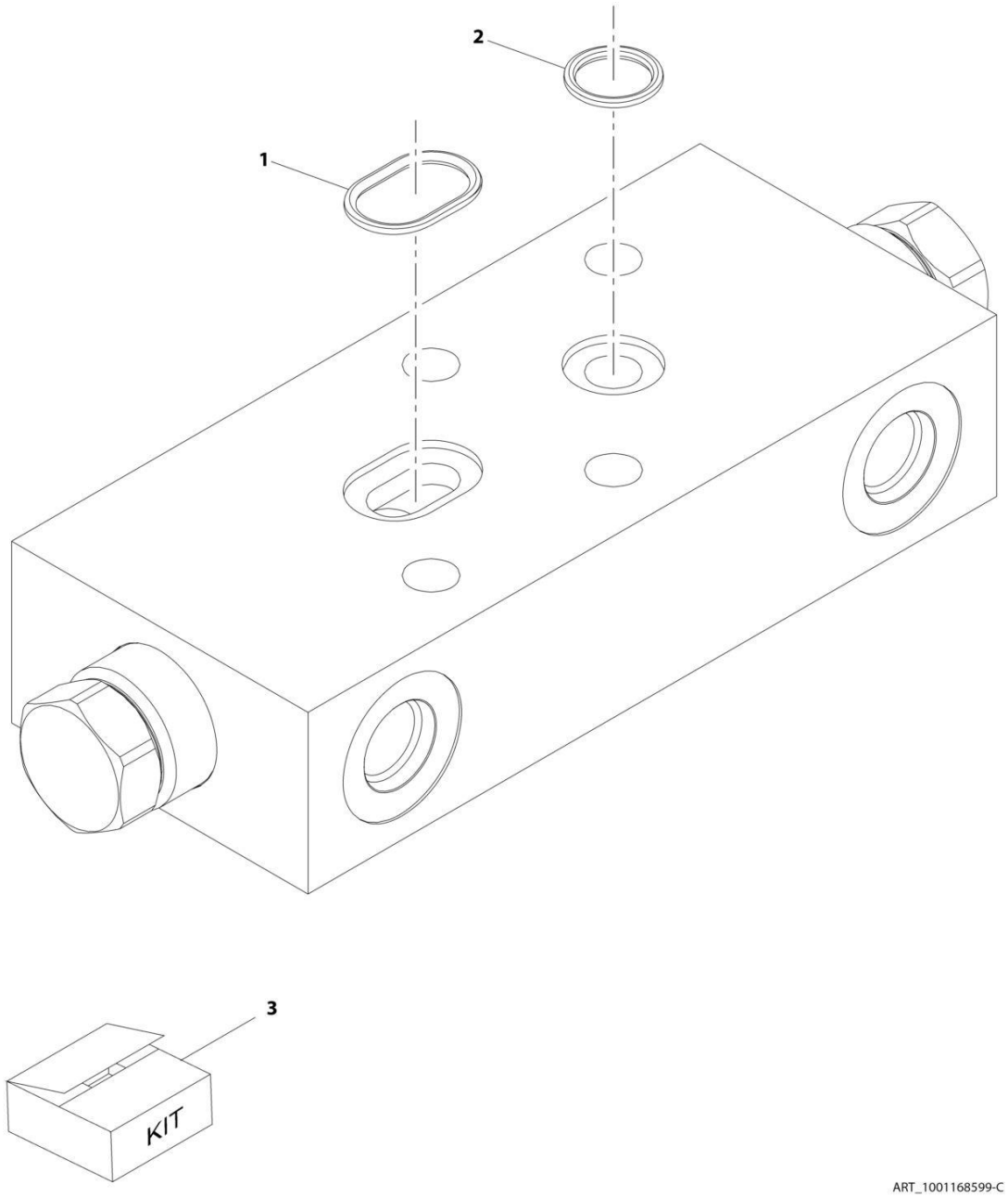
## FIGURE 9-32. VALVE ASSEMBLY - FRAME LEVEL CONTROL



## FIGURE 9-32. VALVE ASSEMBLY - FRAME LEVEL CONTROL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219615 | Ref | Frame Level Valve | D |
| 1 | 70028414 | 1 | Valve, Section | |
| 2 | 70004595 | 2 | Coil | |
| 3 | 70028504 | 1 | Plate | |
| 6 | 70028415 | 1 | Screw | |
| 7 | 70028243 | 1 | Screw | |
| 8 | 70028416 | 1 | Screw | |
| 101 | 70028502 | 2 | Kit, Coil Nut | |
| | Kit | 1 | Nut | |
| | Kit | 1 | O-Ring | |
| 102 | 70028503 | 1 | Kit, Bolt and Seal | |
| | Kit | 3 | Bolt | |
| | Kit | 3 | Washer | |
| | Kit | 2 | O-Ring | |
| | Kit | 4 | O-Ring | |
| | Kit | 2 | O-Ring | |

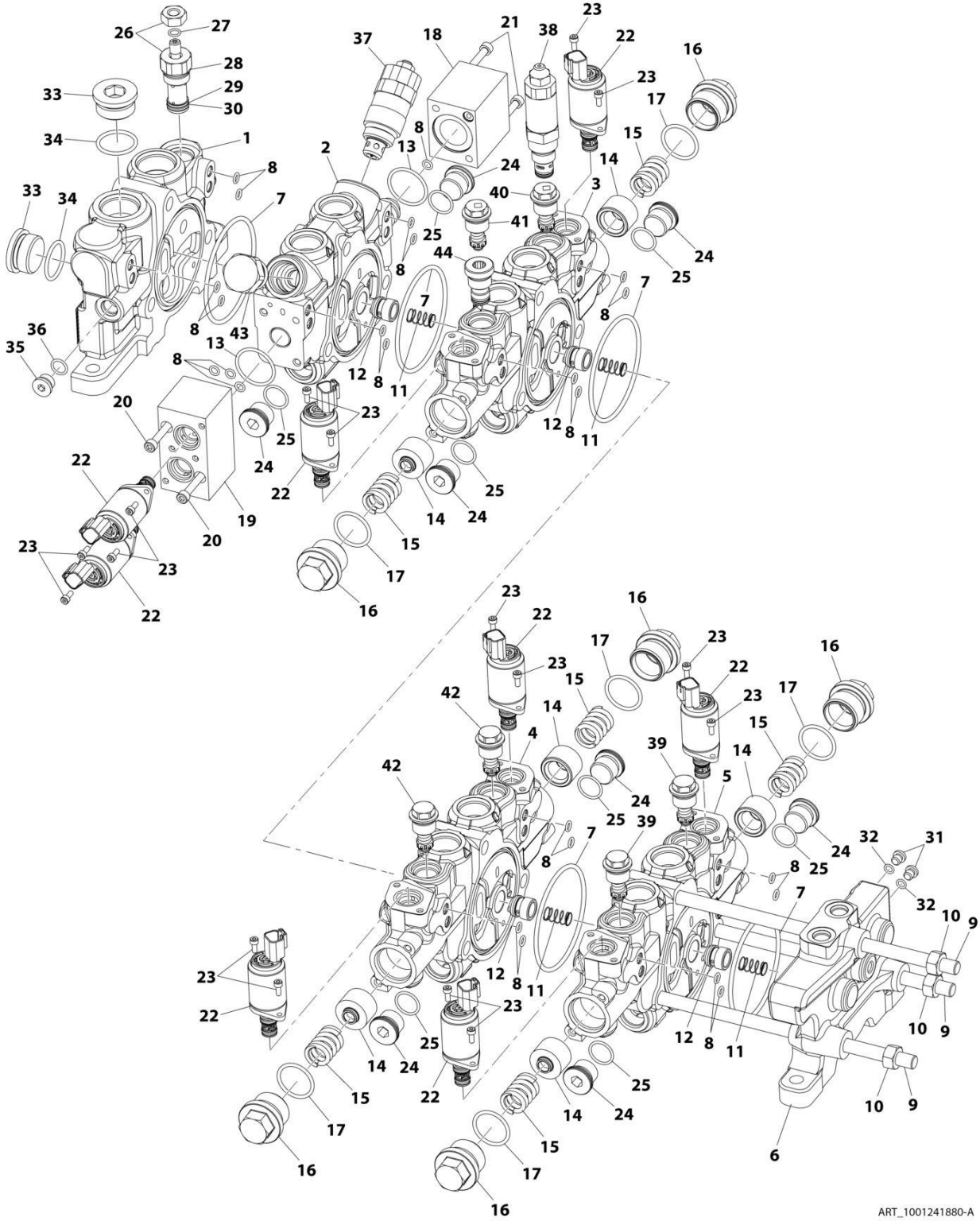
## FIGURE 9-33. VALVE ASSEMBLY - FRAME LEVEL COUNTERBALANCE



## FIGURE 9-33. VALVE ASSEMBLY - FRAME LEVEL COUNTERBALANCE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001168599 | Ref | Counterbalance Valve | C |
| 1 | Kit | 1 | O-Ring | |
| 2 | Kit | 1 | O-Ring | |
| 3 | 70028421 | 1 | Kit, Seal (includes items 1 thru 2) | |

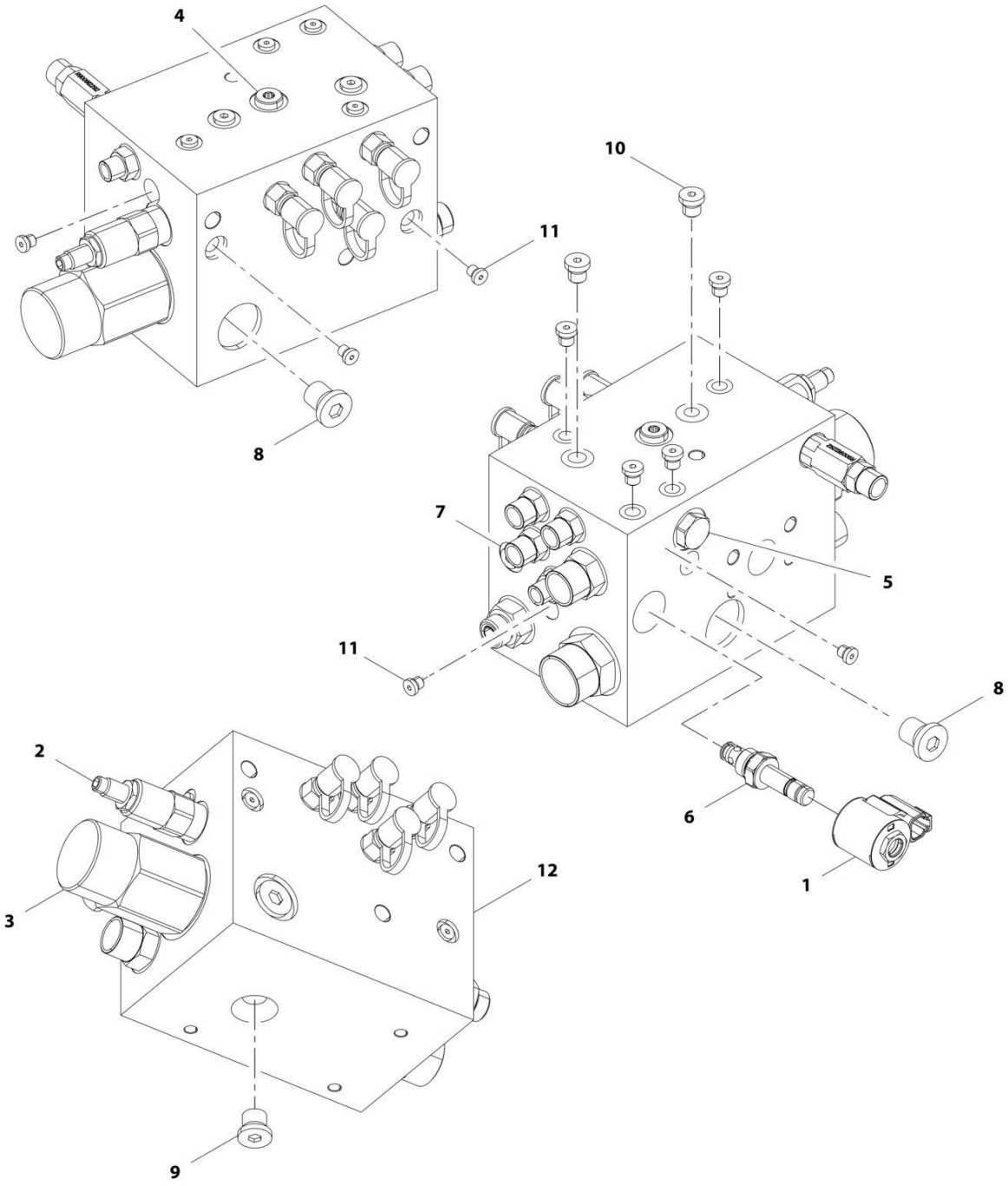
## FIGURE 9-34. VALVE ASSEMBLY - MAIN CONTROL



## FIGURE 9-34. VALVE ASSEMBLY - MAIN CONTROL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241880 | Ref | Main Control Valve | A |
| 1 | 70028300 | 1 | Inlet Section Assembly | |
| 2 | 70029868 | 1 | Lift Section Assembly | |
| 3 | 70029870 | 1 | Extend/Retract Section Assembly | |
| 4 | 70029871 | 1 | Tilt Section Assembly | |
| 5 | 70029872 | 1 | Aux Section Assembly | |
| 6 | 70022007 | 1 | Outlet Section Assembly | |
| 7 | 8034697 | 5 | O-Ring | |
| 8 | 70026369 | 24 | O-Ring | |
| 9 | 70028299 | 3 | Tie Rod | |
| 10 | 70022019 | 6 | Nut-Metric | |
| 11 | 70025854 | 4 | Spring | |
| 12 | 70028287 | 4 | Poppet, CV | |
| 13 | 70026784 | 2 | O-Ring | |
| 14 | 70026781 | 6 | Spring Seat | |
| 15 | 70026783 | 6 | Spring | |
| 16 | 70026778 | 6 | Plug Assembly, Special | |
| 17 | 70026779 | 6 | O-Ring | |
| 18 | 70029873 | 1 | End Cap | |
| 19 | 70028295 | 1 | End Cap Assembly, Solenoid | |
| 20 | 70028298 | 2 | Screw | |
| 21 | 70026383 | 8 | Screw | |
| 22 | 70029874 | 8 | Solenoid-Cartridge Valve | |
| 23 | 70022014 | 16 | Screw | |
| 24 | 70024847 | 8 | Plug Assembly | |
| 25 | 70026777 | 8 | O-Ring | |
| 26 | 70028286 | 1 | Drain Regulator Assembly | |
| 27 | 70026373 | 1 | O-Ring | |
| 28 | 70026370 | 1 | O-Ring | |
| 29 | 70026376 | 1 | Back-Up Ring | |
| 30 | 70026370 | 1 | O-Ring | |
| 31 | 70026379 | 2 | Plug | |
| 32 | 70026372 | 2 | O-Ring | |
| 33 | 70050473 | 2 | Plug Assembly | |
| 34 | 10732931 | 2 | O-Ring | |
| 35 | 70050475 | 1 | Plug | |
| 36 | 70024201 | 1 | O-Ring | |
| 37 | 70028288 | 1 | Relief Valve Assembly | |
| 38 | 70028289 | 1 | Relief Valve Assembly | |
| 39 | 70028296 | 2 | Relief Valve Assembly | |
| 40 | 70027134 | 1 | Relief Valve Assembly (Note: General Drawing - This part does ot to this valve) | |
| 41 | 70028297 | 1 | Relief Valve Assembly | |
| 42 | 70022010 | 2 | Relief Valve Assembly | |
| 43 | 10837953 | 1 | Shut-Off Plug Assembly | |
| 44 | 70022008 | 1 | Shut-Off Plug Assembly (Note: General Drawing - This part does ot to this valve) | |

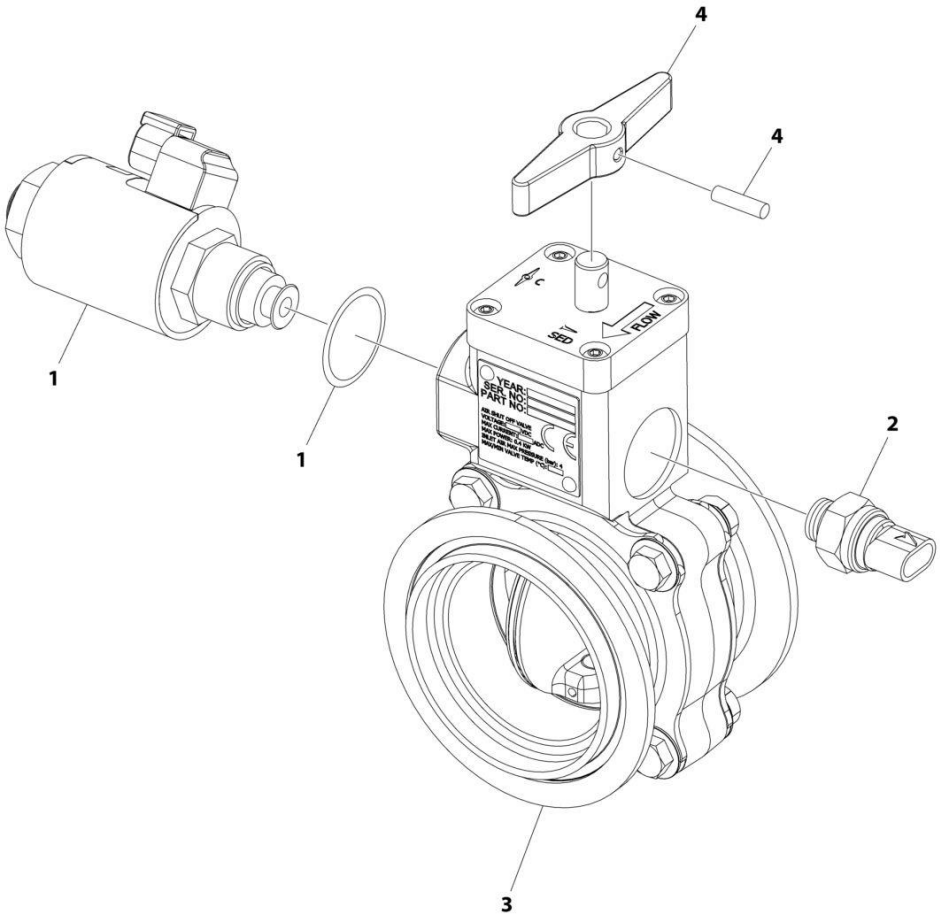
## FIGURE 9-35. VALVE ASSEMBLY - PRIORITY VALVE



## FIGURE 9-35. VALVE ASSEMBLY - PRIORITY VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192888 | Ref | Priority Valve Assembly | E |
| 1 | 70028905 | 1 | Cartridge | |
| 2 | 70028904 | 1 | Cartridge | |
| 3 | 70028903 | 1 | Cartridge | |
| 4 | 70026312 | 1 | Cartridge | |
| 5 | 70028902 | 1 | Cartridge | |
| 6 | 70002963 | 1 | Coil | |
| 7 | 70006427 | 1 | Orifice | |
| 8 | 70026314 | 2 | Plug | |
| 9 | 2220886 | 1 | Plug | |
| 10 | 2220883 | 3 | Plug | |
| 11 | 70026315 | 9 | Plug | |
| 12 | N.S.S. | 1 | Block | |

## FIGURE 9-36. VALVE ASSEMBLY - RADIATOR HOSE SHUT-OFF VALVE

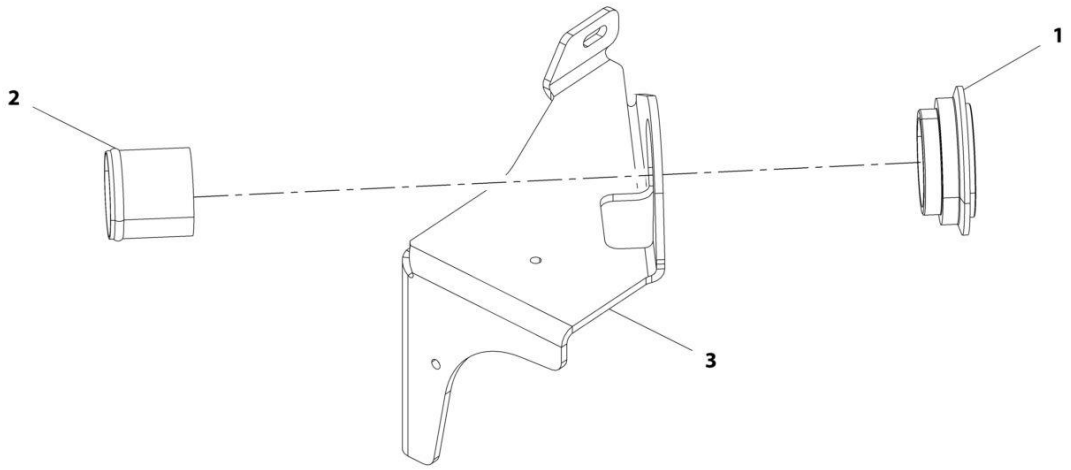



ART_1001204032_C

## FIGURE 9-36. VALVE ASSEMBLY - RADIATOR HOSE SHUT-OFF VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204032 | Ref | Air Shut Off Valve | C |
| 1 | 70028514 | 1 | Kit, Solenoid 12V (Includes Solenoid, Coil, O-Ring) | |
| 2 | 70028515 | 1 | Kit, Switch (Includes Ball Switch & O-Ring) | |
| 3 | 70028516 | 1 | Kit, Flange and Hardware (Includes Flanges (Male & Female) & Mounting Hardware) | |
| 4 | 70028517 | 1 | Kit, Handle (Includes Handle & Pin) | |

## FIGURE 9-37. VALVE ASSEMBLY - RADIATOR HOSE ASO VALVE

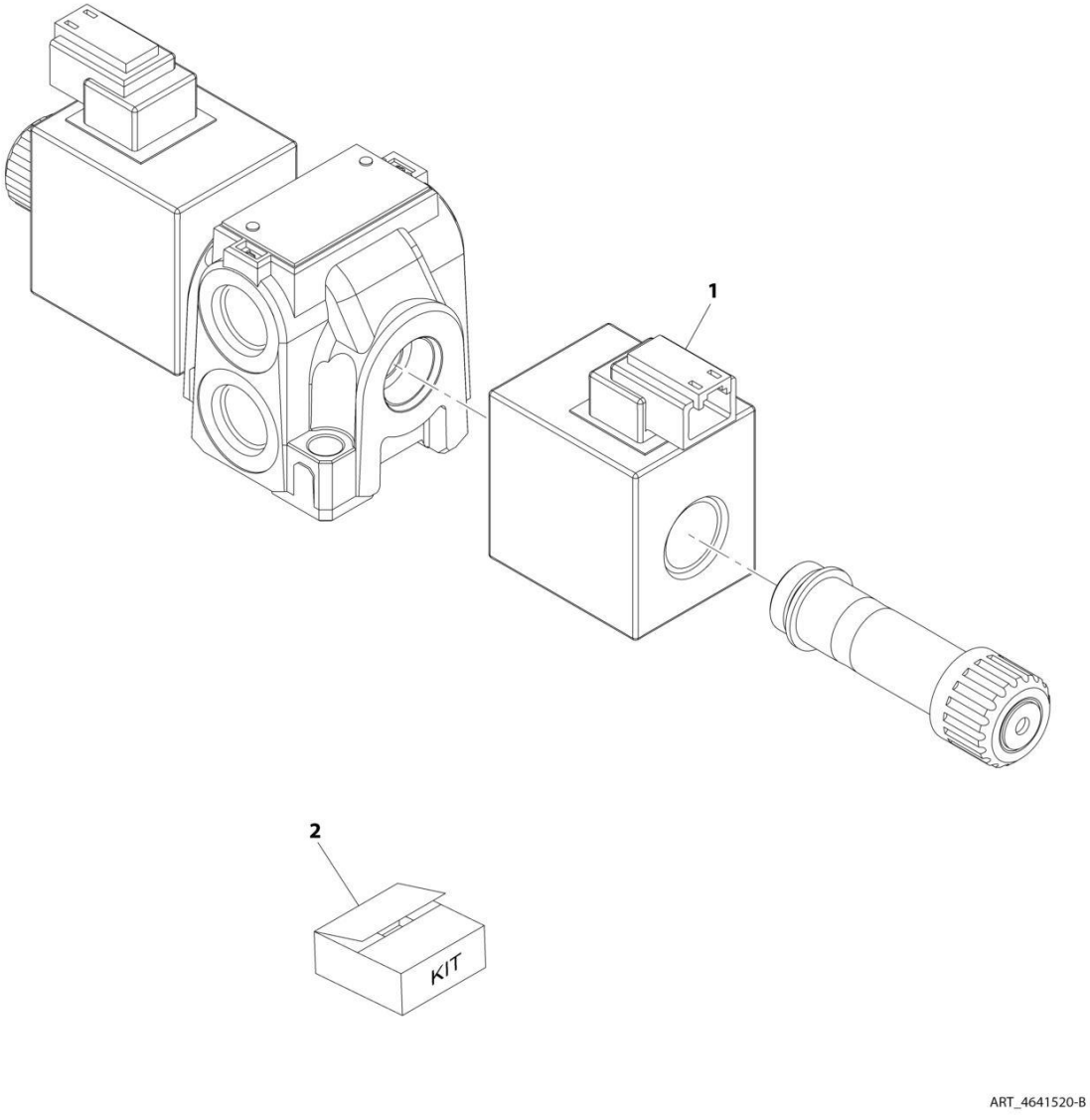



ART_1001223618-A

## FIGURE 9-37. VALVE ASSEMBLY - RADIATOR HOSE ASO VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223618 | Ref | ASO Valve | A |
| 1 | 1001204057 | 1 | Plate | |
| 2 | 1001206954 | 1 | Tube | |
| 3 | 1001223622 | 1 | Bracket | |

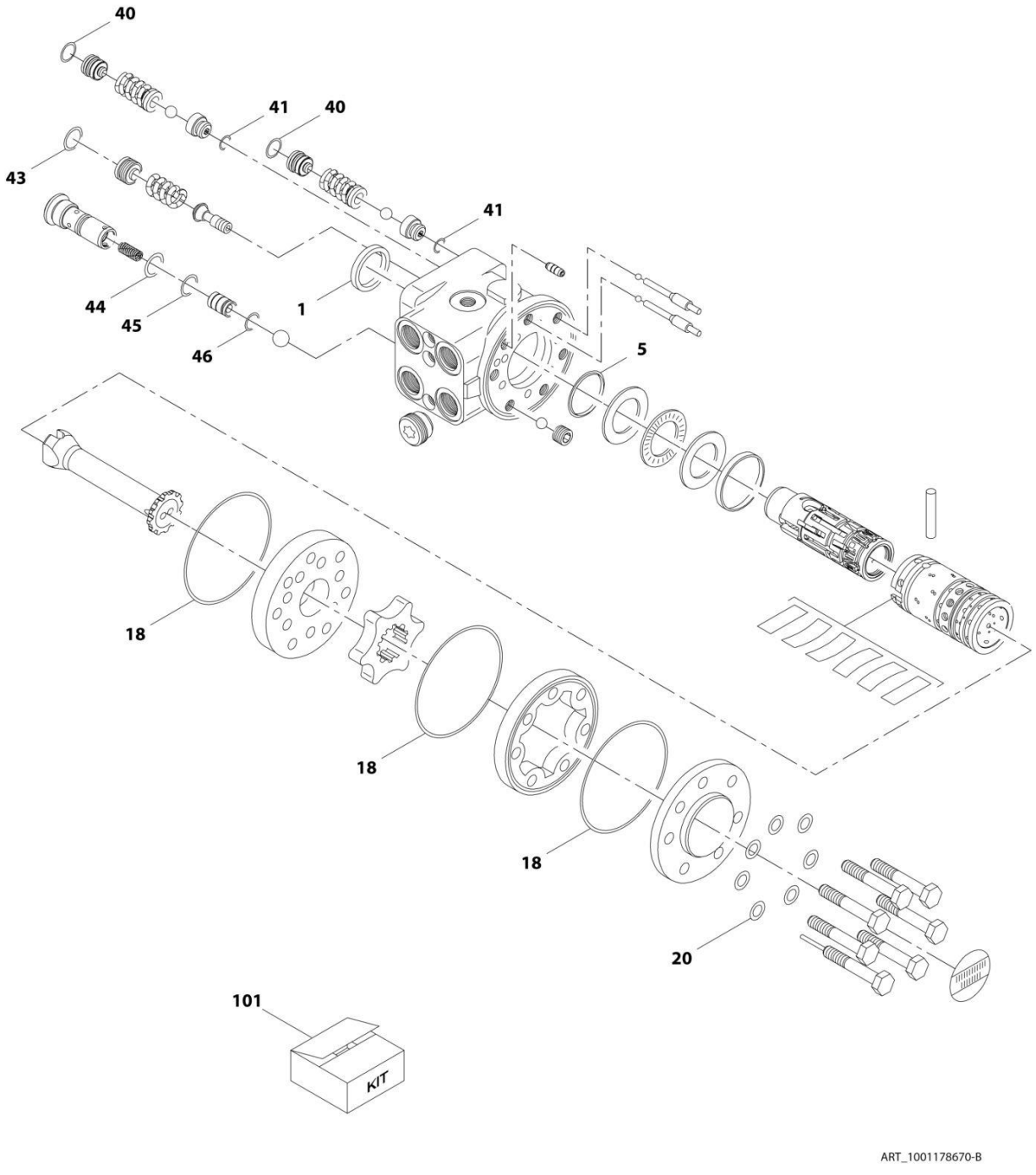
## FIGURE 9-38. VALVE ASSEMBLY - SPEED CONTROL



## FIGURE 9-38. VALVE ASSEMBLY - SPEED CONTROL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4641520 | Ref | Speed Control Valve | B |
| 1 | 70026582 | 1 | SOLENOID | |
| 2 | 70020867 | 1 | Kit, Coil Nut | |
| | N.S.S. | 1 | Seal | |
| | N.S.S. | 1 | Seal | |
| | N.S.S. | 1 | Nut, Coil | |

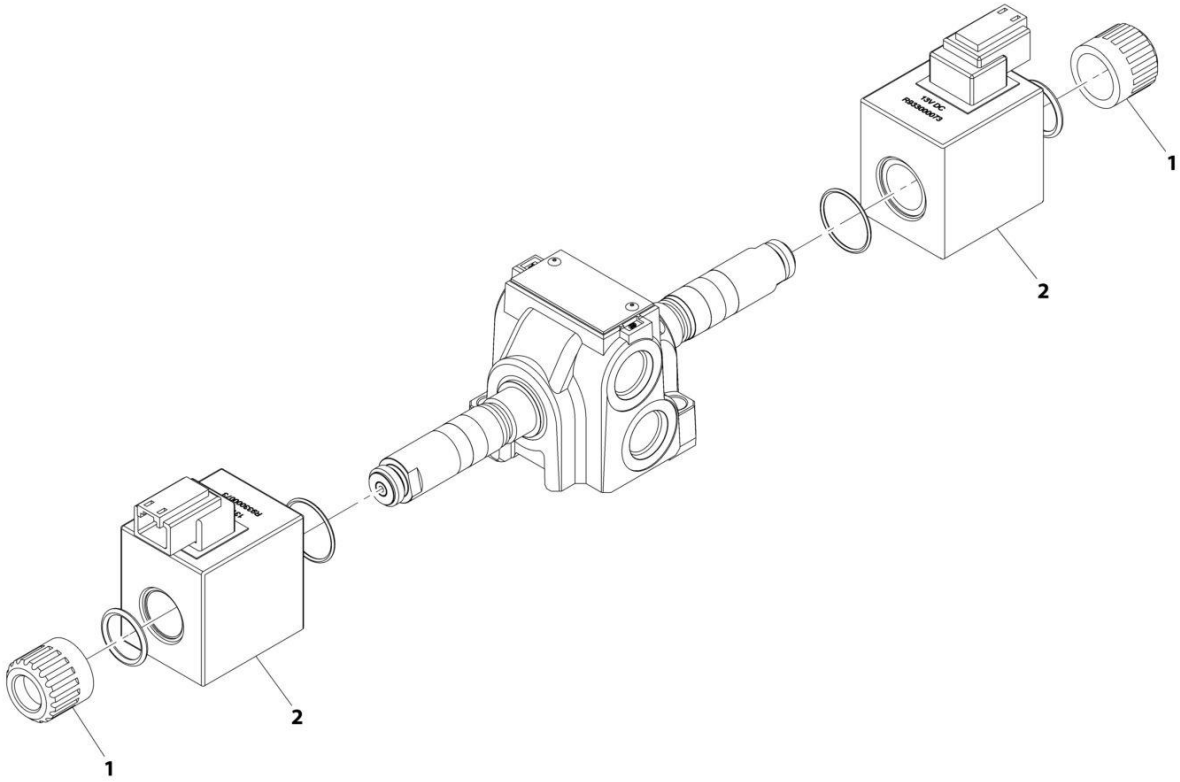
## FIGURE 9-39. VALVE ASSEMBLY - STEER



## FIGURE 9-39. VALVE ASSEMBLY - STEER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178670 | Ref | Steer Unit Valve | B |
| 1 | Kit | 2 | Ring, Dust Seal | |
| 5 | Kit | 2 | Seal, Shaft | |
| 18 | Kit | 2 | O-Ring | |
| 20 | Kit | 2 | Washer | |
| 40 | Kit | 2 | O-Ring | |
| 41 | Kit | 2 | O-Ring | |
| 43 | Kit | 2 | O-Ring | |
| 44 | Kit | 2 | O-Ring | |
| 45 | Kit | 2 | O-Ring | |
| 46 | Kit | 2 | O-Ring | |
| 101 | 70028285 | 1 | Kit, Seal (includes items 1, 5, 18, 20, 40, 41 and 43 thru 46) | |

## FIGURE 9-40. VALVE ASSEMBLY - STEERING SELECT VALVE



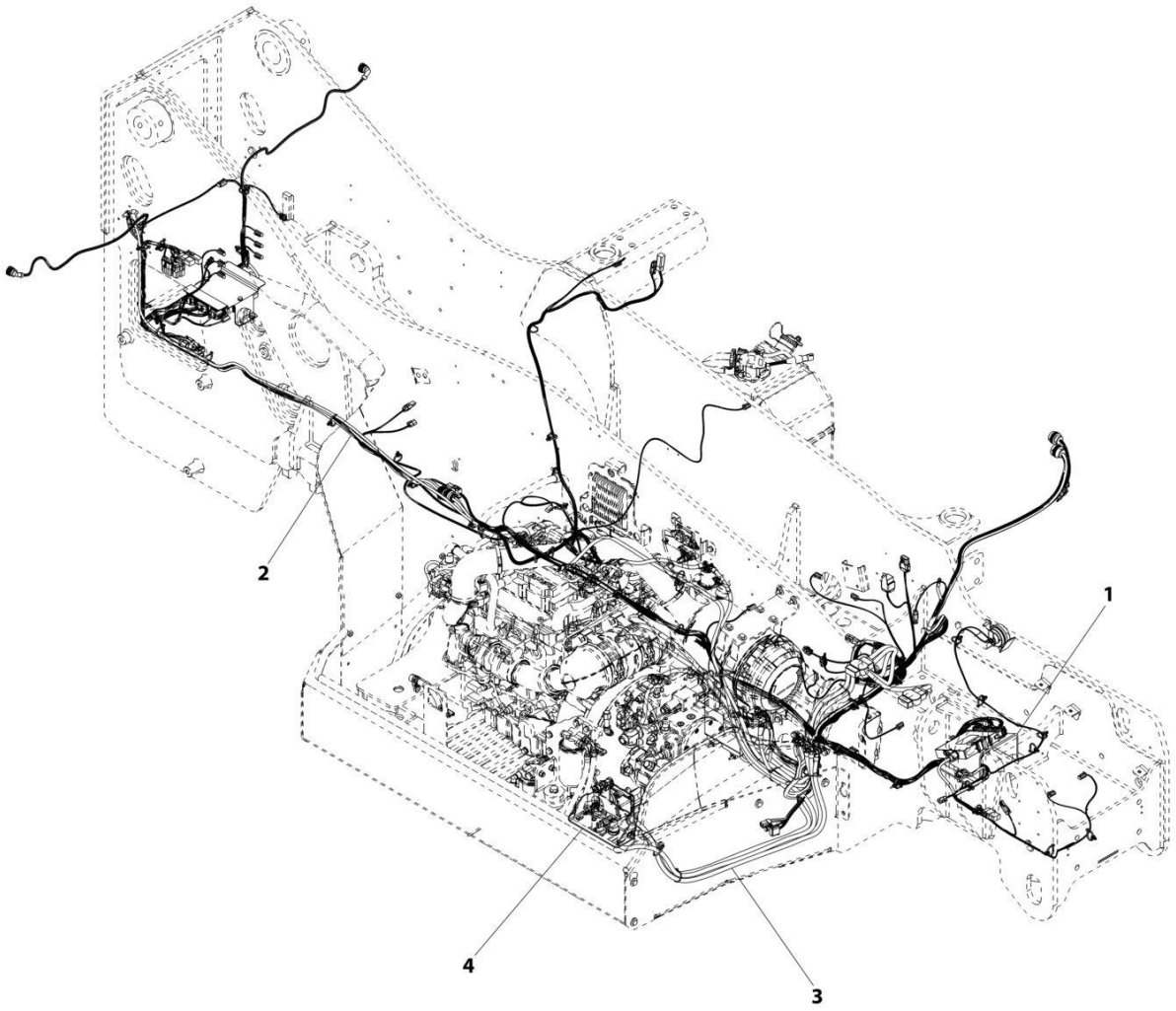

ART_1001153748-C

## FIGURE 9-40. VALVE ASSEMBLY - STEERING SELECT VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153748 | Ref | Steering Select Valve | C |
| 1 | 70020867 | 2 | Nut, Coil | |
| 2 | 70026582 | 2 | Coil | |

# SECTION 10 - ELECTRICAL

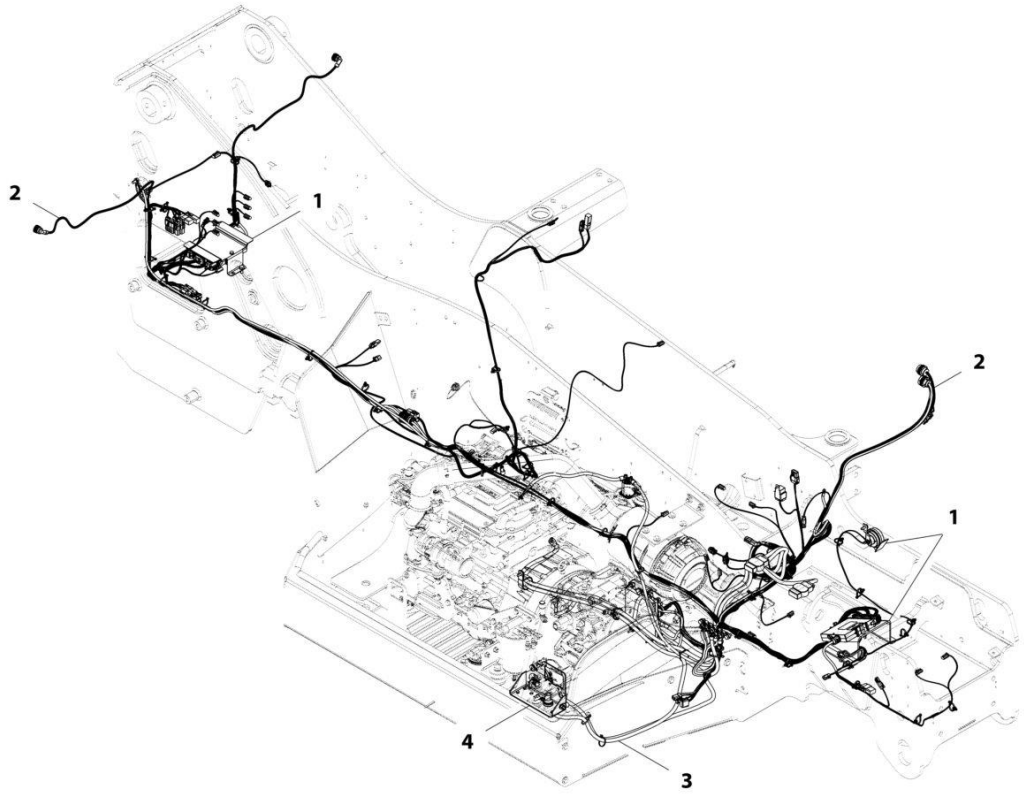
## FIGURE 10-1. MAIN ELECTRICAL INSTALLATION (ULS)



## FIGURE 10-1. MAIN ELECTRICAL INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192537 | Ref | Main Electrical Installation (ULS) | B |
| 1 | 1001183272 | Ref | Installation, Frame Electrical (See Separate Breakdown in this Section) | |
| 2 | 1001200159 | Ref | Installation, Frame Wiring (See Separate Breakdown in this Section) | |
| 3 | 1001200160 | Ref | Installation, Engine Bay Electrical | |
| 4 | 1001202172 | Ref | Installation, Engine Pod Electrical (ULS) (See Separate Breakdown in this Section) | |

## FIGURE 10-2. MAIN ELECTRICAL INSTALLATION (LS)

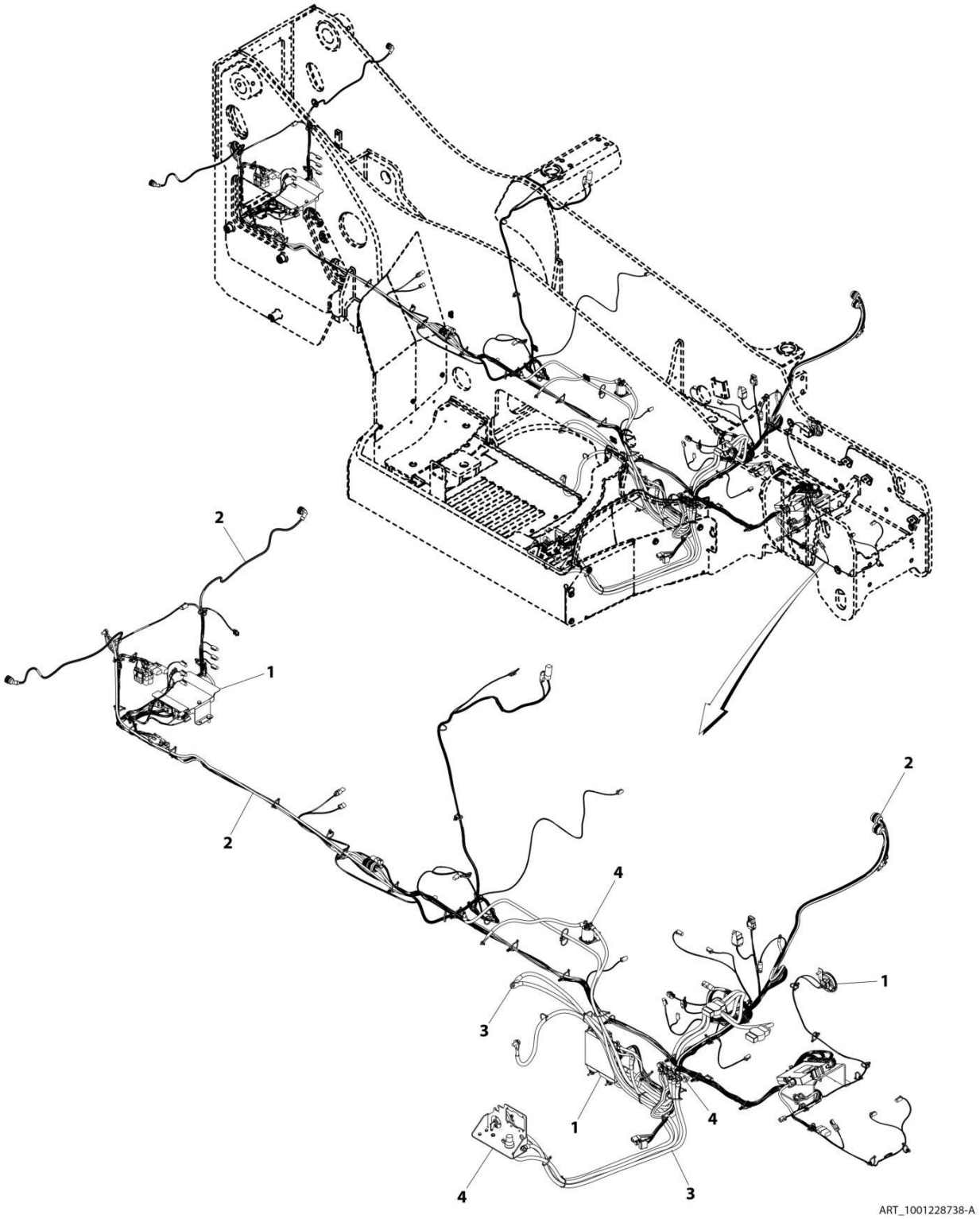



ART_1001192538-C

## FIGURE 10-2. MAIN ELECTRICAL INSTALLATION (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192538 | Ref | Main Electrical Installation (LS) | C |
| 1 | 1001183272 | Ref | Installation, Frame Electrical (See Separate Breakdown in this Section) | |
| 2 | 1001200159 | Ref | Installation, Frame Electrical (See Separate Breakdown in this Section) | |
| 3 | 1001227469 | Ref | Installation, Engine Bay Electrical (See Separate Breakdown in this Section) | |
| 4 | 1001223066 | Ref | Installation, Engine Pod Electrical (LS) (See Separate Breakdown in this Section) | |

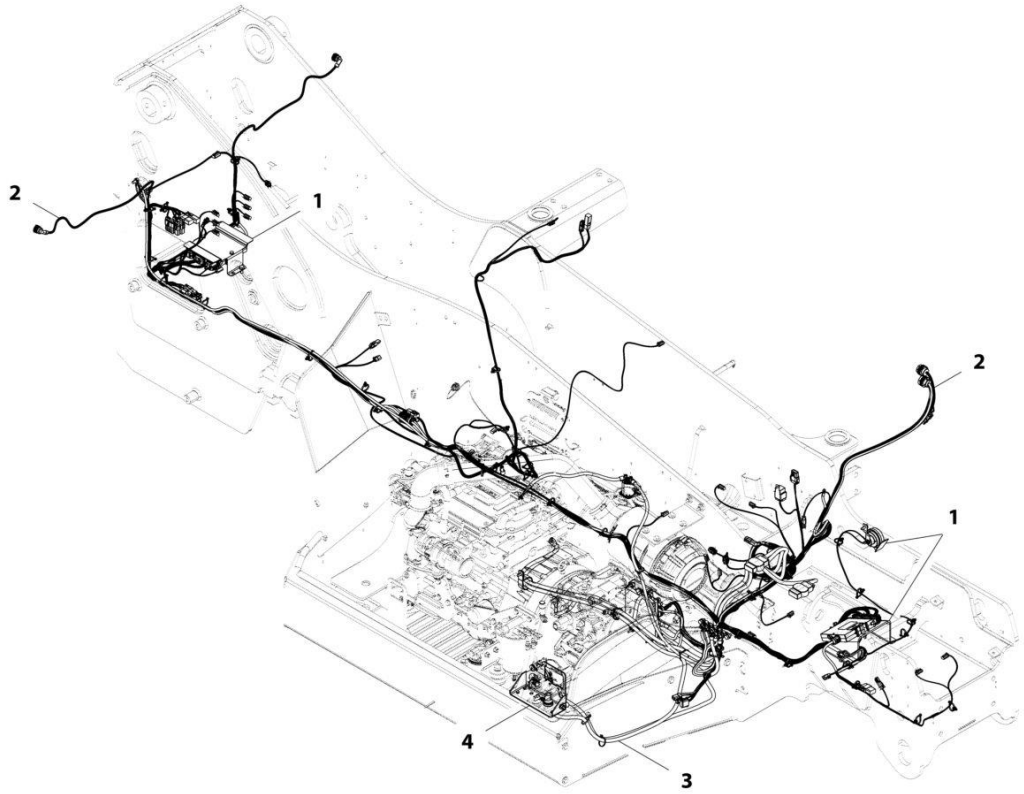
## FIGURE 10-3. MAIN ELECTRICAL INSTALLATION, MINING (ULS)



## FIGURE 10-3. MAIN ELECTRICAL INSTALLATION, MINING (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228738 | Ref | Main Electrical Installation, Mining (ULS) | A |
| 1 | 1001183272 | Ref | Installation, Frame Electrical (See Separate Breakdown in this Section) | |
| 2 | 1001228739 | Ref | Installation, Frame Wiring (See Separate Breakdown in this Section) | |
| 3 | 1001200160 | Ref | Installation, Engine Bay Electrical | |
| 4 | 1001202172 | Ref | Installation, Engine Pod Electrical (ULS) (See Separate Breakdown in this Section) | |

## FIGURE 10-4. MAIN ELECTRICAL INSTALLATION, MINING (LS)

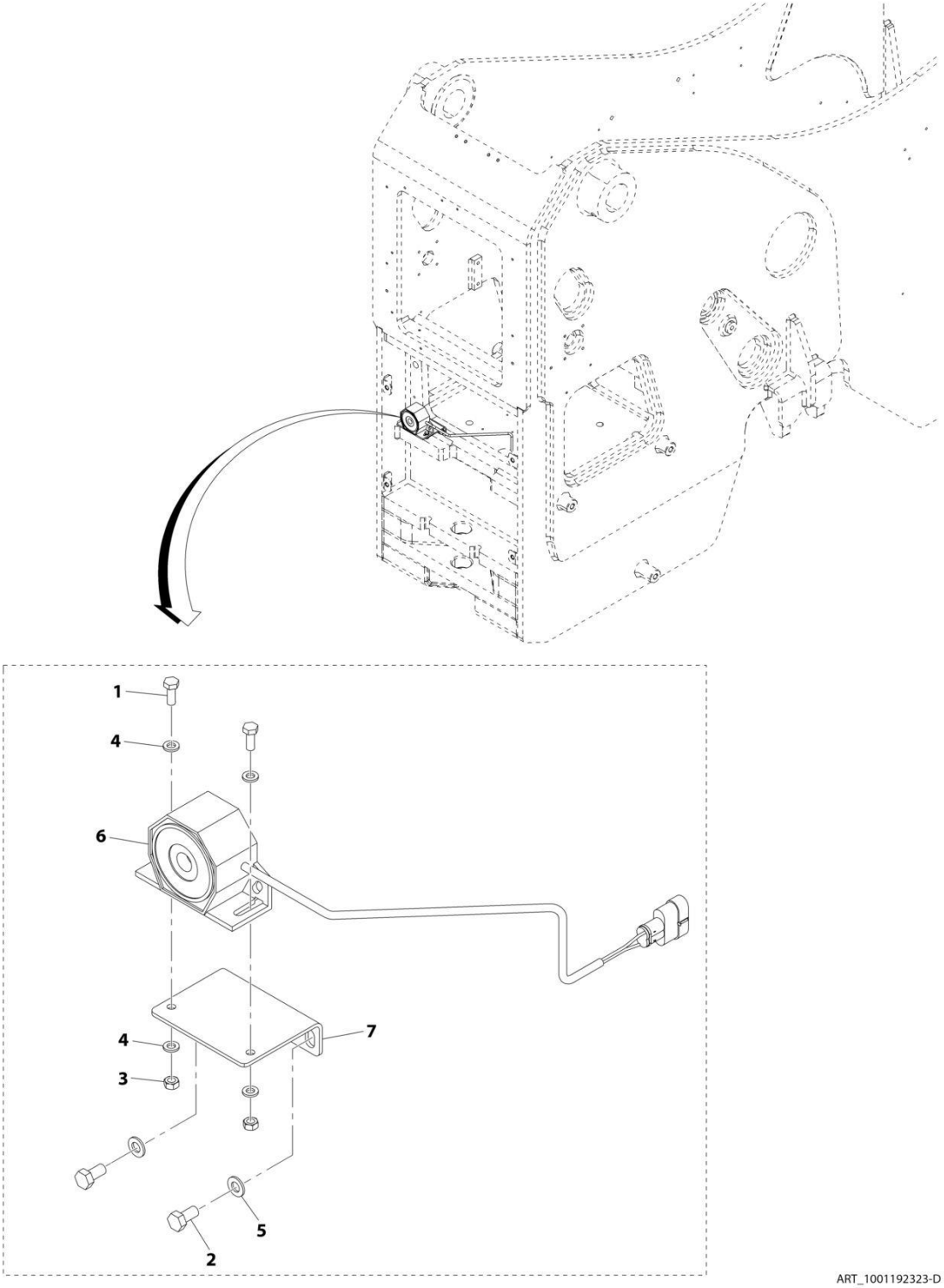



ART_1001228742-A

## FIGURE 10-4. MAIN ELECTRICAL INSTALLATION, MINING (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228742 | Ref | Main Electrical Installation (LS) (Mining) | A |
| 1 | 1001183272 | Ref | Installation, Frame Electrical (See Separate Breakdown in this Section) | |
| 2 | 1001228739 | Ref | Installation, Frame Electrical (See Separate Breakdown in this Section) | |
| 3 | 1001227469 | Ref | Installation, Engine Bay Electrical (See Separate Breakdown in this Section) | |
| 4 | 1001223066 | Ref | Installation, Engine Pod Electrical (LS) (See Separate Breakdown in this Section) | |

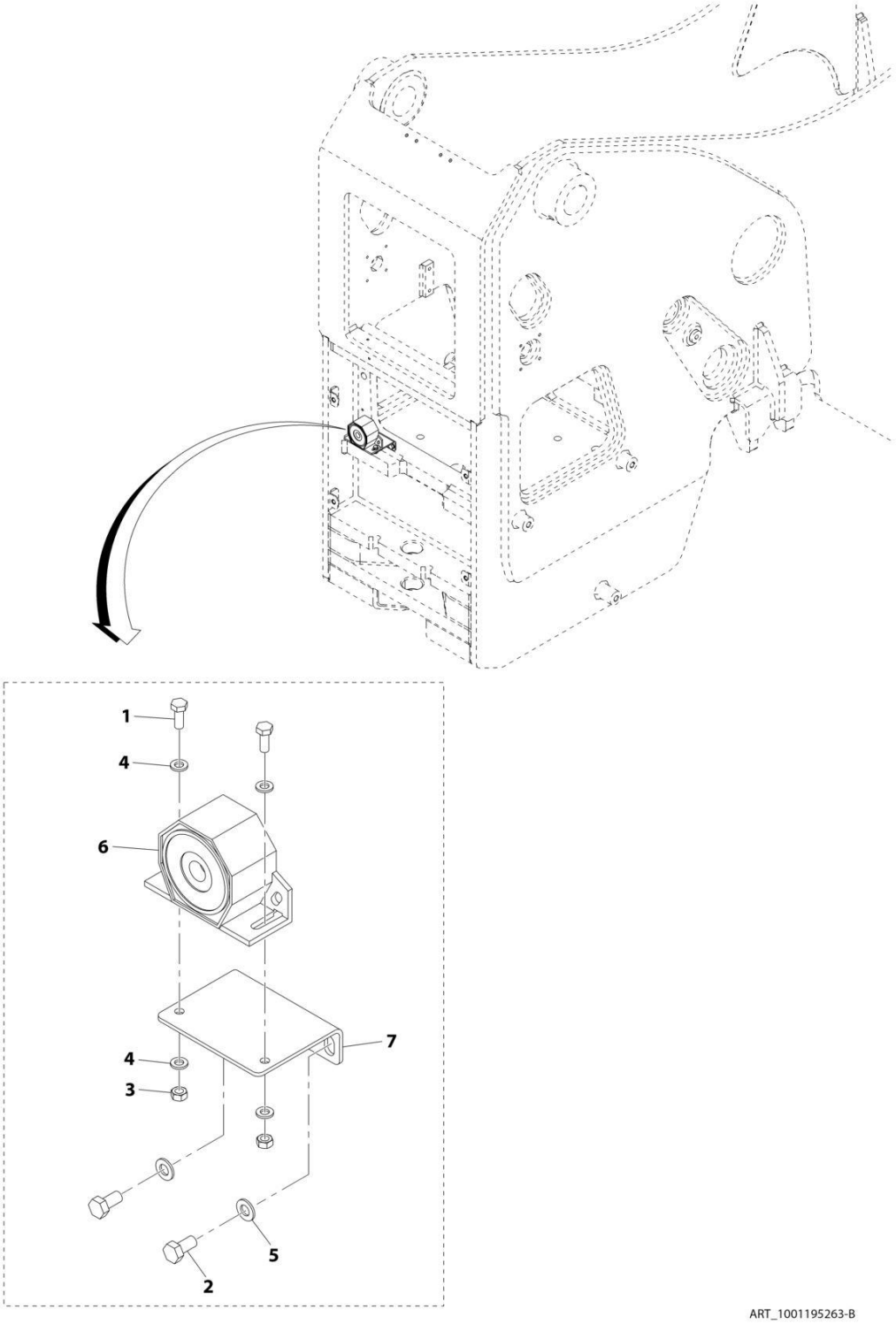
## FIGURE 10-5. ALARM INSTALLATION - BACK UP



## FIGURE 10-5. ALARM INSTALLATION - BACK UP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192323 | Ref | Backup Alarm Installation | D |
| 1 | 0760608 | 2 | Bolt, M6X16 | |
| 2 | 0760808 | 2 | Bolt, M8X16 | |
| 3 | 3290601 | 2 | Nut, M6X1 | |
| 4 | 4811700 | 4 | Washer, M6 | |
| 5 | 4811900 | 2 | Washer, M8 | |
| 6 | 1001101808 | 1 | Alarm, Backup | |
| 7 | 1001193698 | 1 | Bracket | |

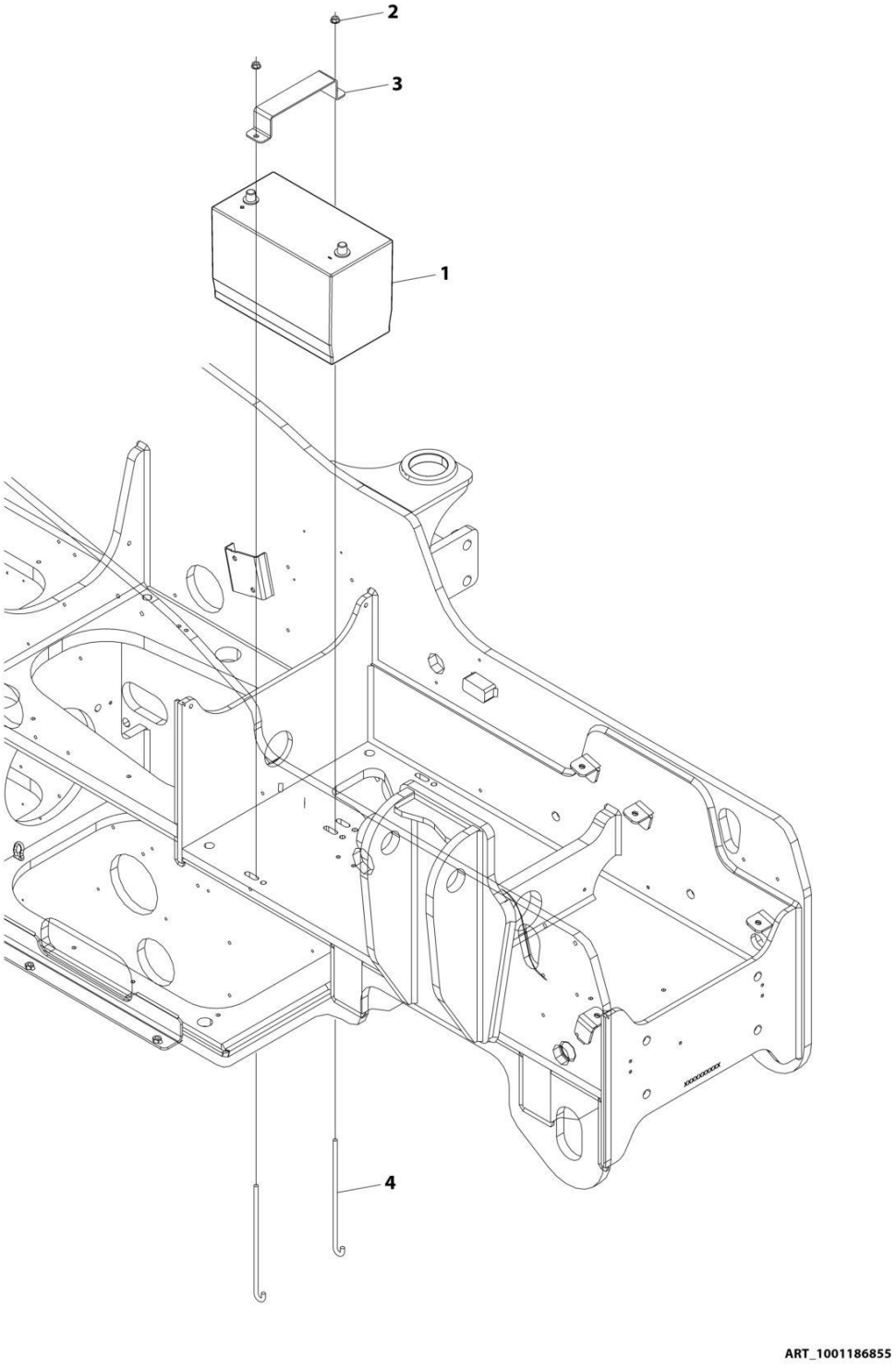
## FIGURE 10-6. ALARM INSTALLATION (BACK UP - WHITE NOISE)



## FIGURE 10-6. ALARM INSTALLATION (BACK UP - WHITE NOISE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195263 | Ref | Backup Alarm Installation (White Noise) | B |
| 1 | 0760608 | 2 | Bolt, M6X16 | |
| 2 | 0760808 | 2 | Bolt, M8X16 | |
| 3 | 3290601 | 2 | Nut, M6X1 | |
| 4 | 4811700 | 4 | Washer, M6 | |
| 5 | 4811900 | 2 | Washer, M8 | |
| 6 | 1001165827 | 1 | Alarm, Backup (White Noise) | |
| 7 | 1001193698 | 1 | Bracket | |

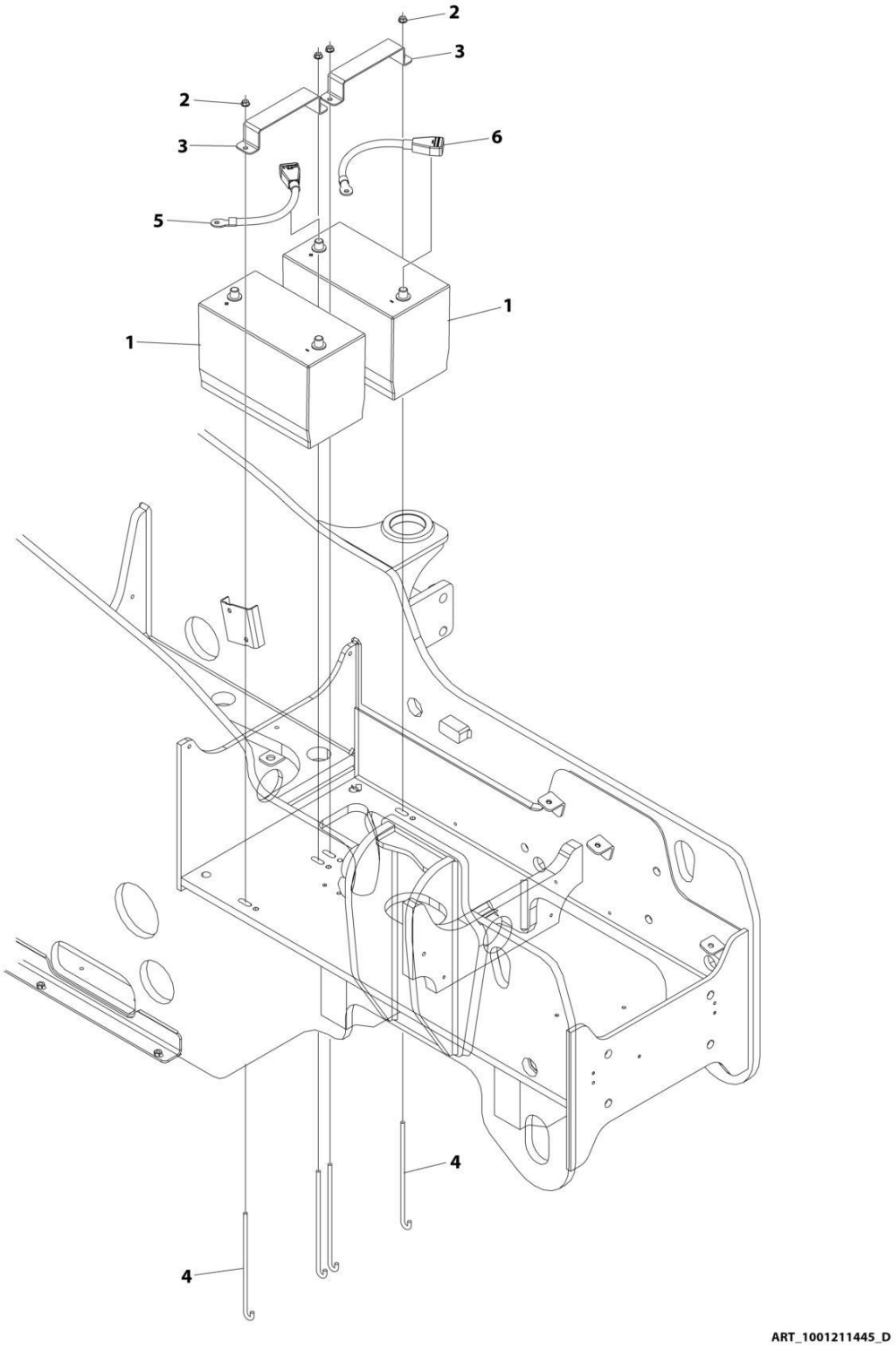
## FIGURE 10-7. BATTERY INSTALLATION



## FIGURE 10-7. BATTERY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186855 | Ref | Battery Installation | B |
| 1 | 0400075 | 1 | Battery, 12V | |
| 2 | 5220800 | 2 | Nut, Ripp M8 | |
| 3 | 1001160927 | 1 | Plate | |
| 4 | 1001160928 | 2 | J-Bolt (270mm Length) | |
| 4 | 1001181961 | 2 | J-Bolt (220mm Length) | |

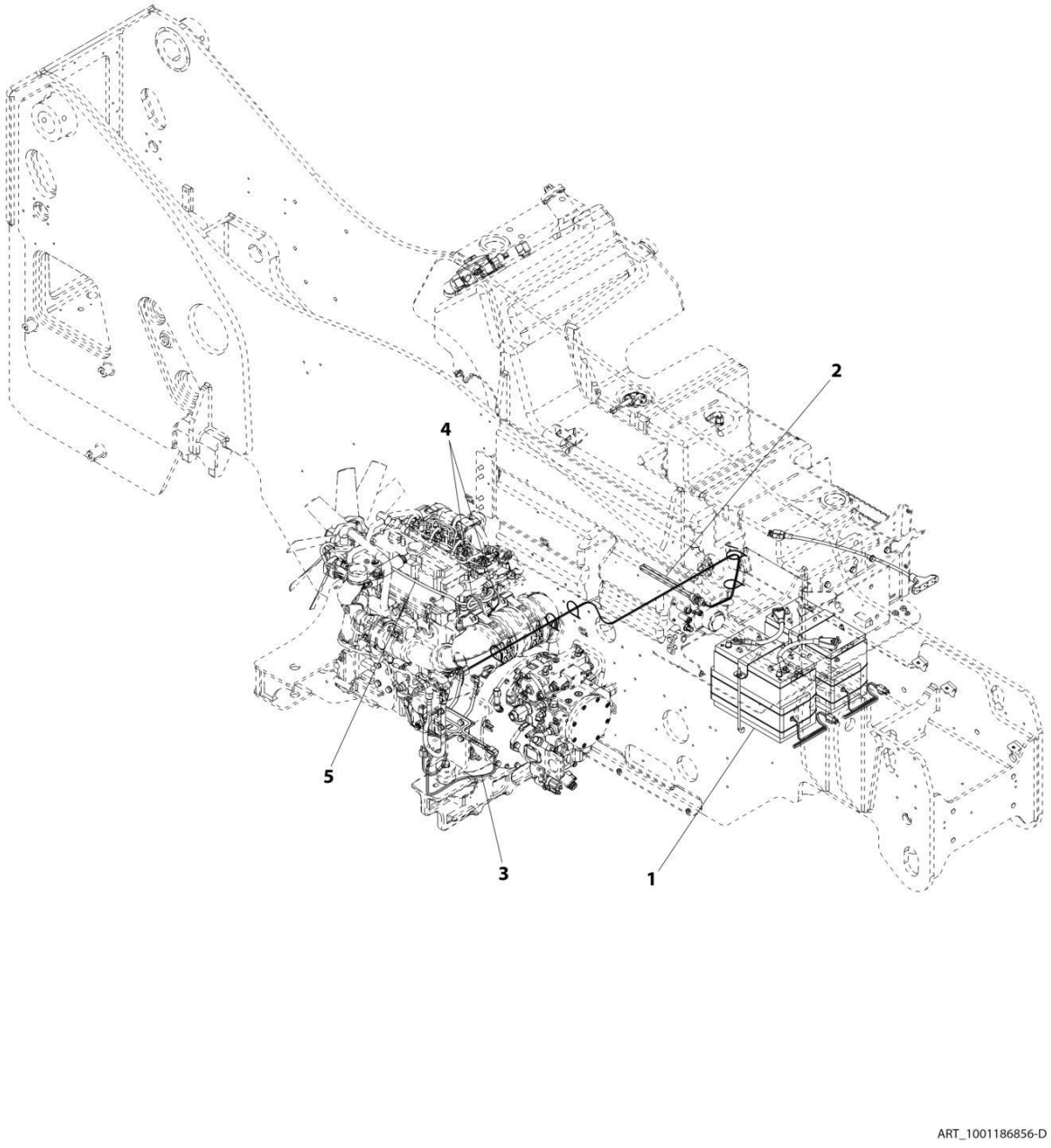
## FIGURE 10-8. BATTERY (DUAL) INSTALLATION



## FIGURE 10-8. BATTERY (DUAL) INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001211445 | Ref | Dual Battery Installation | D |
| 1 | 0400075 | 2 | Battery, 12V | |
| 2 | 5220800 | 4 | Nut Ripp M8 | |
| 3 | 1001160927 | 2 | Plate | |
| 4 | 1001160928 | 4 | J-Bolt (270mm Length) | |
| 4 | 1001181961 | 4 | J-Bolt (220mm Length) | |
| 5 | 1001203557 | 1 | Cable, Positive Battery | |
| 6 | 1001203558 | 1 | Cable, Negative Battery | |

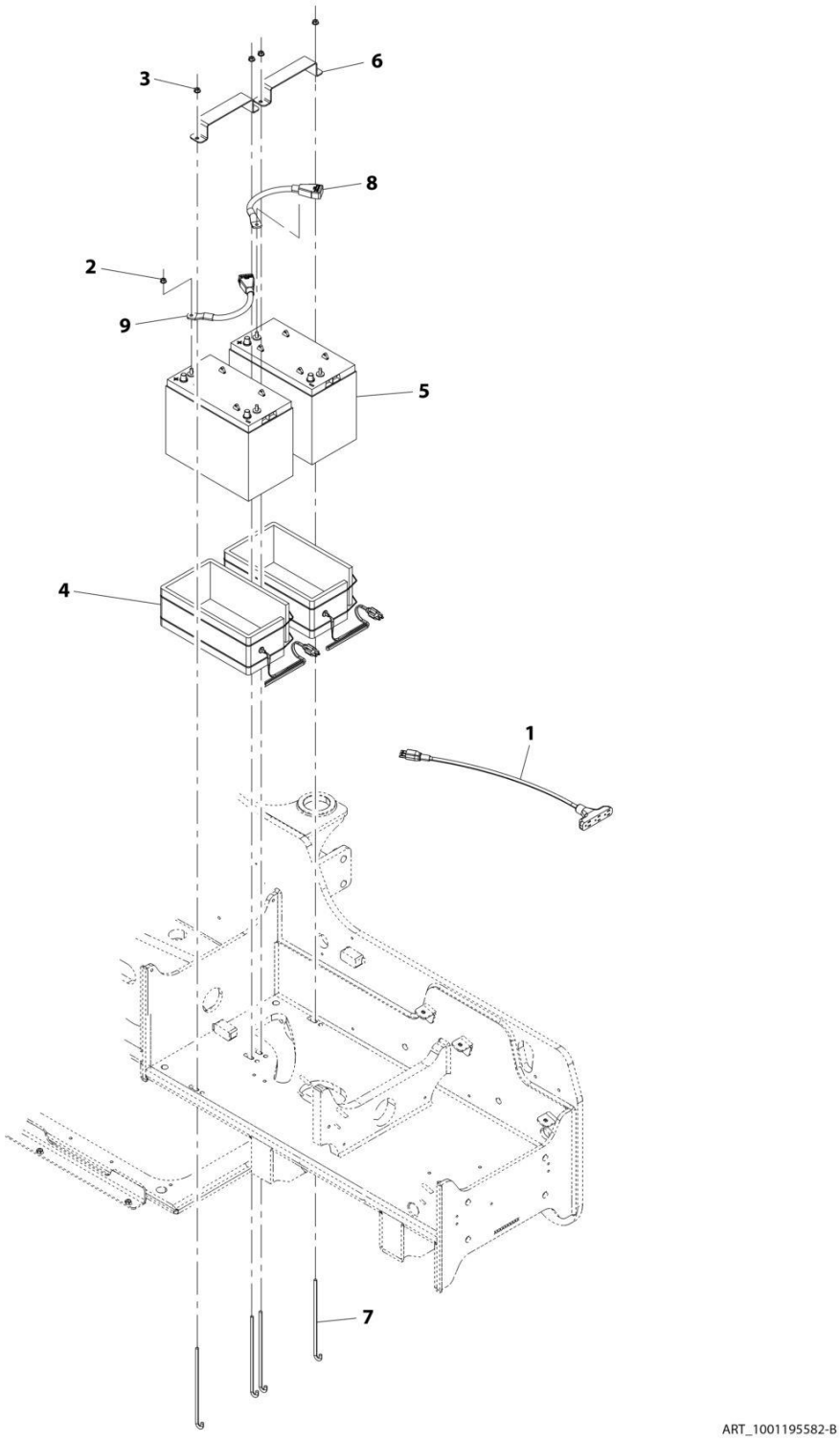
## FIGURE 10-9. BATTERY (ARCTIC) PACKAGE INSTALLATION (115V)



## FIGURE 10-9. BATTERY (ARCTIC) PACKAGE INSTALLATION (115V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186856 | Ref | Arctic Battery Package Installation (115V) | D |
| 1 | 1001195582 | 1 | Installation, Arctic Battery Package (115V) (See Separate Breakdown in this Section) | |
| 2 | 1001195593 | 1 | Installation, Hydraulic Tank Heater (115V) (See Separate Breakdown in this Section) | |
| 3 | 2580040 | 1 | Heater, Engine Oil Pan | |
| 4 | 1062255 | 2 | Tie, Strap | |
| 5 | 1001232509 | 1 | Tube, Heated Breather | |

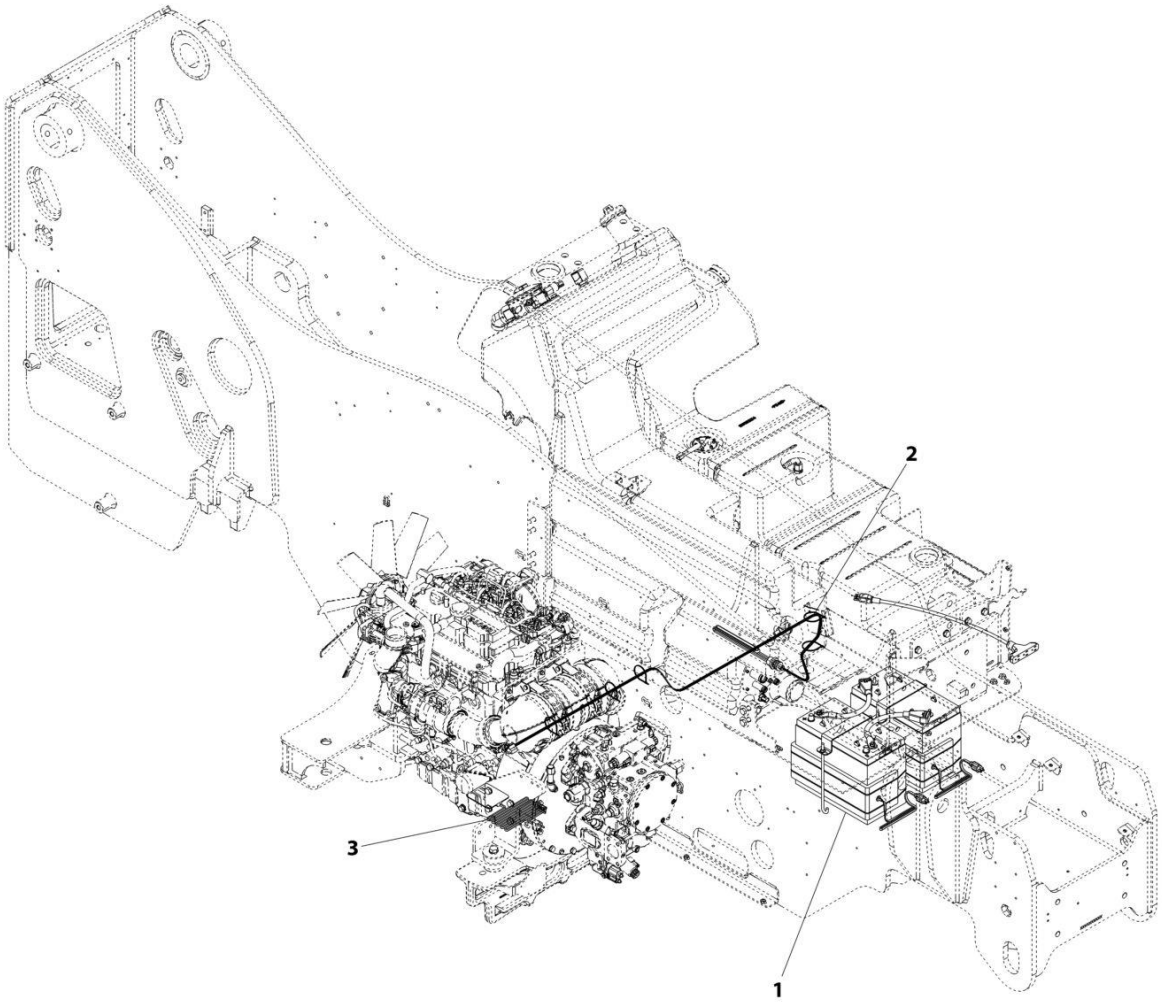
## FIGURE 10-10. BATTERIES (ARCTIC) INSTALLATION (115V)



## FIGURE 10-10. BATTERIES (ARCTIC) INSTALLATION (115V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195582 | Ref | Arctic Batteries Installation (115V) | B |
| 1 | 1060626 | 1 | Cord, 3-Way Extension | |
| 2 | 3311508 | 2 | Nut 5/16 | |
| 3 | 5220800 | 4 | Nut M8 | |
| 4 | 1001093564 | 2 | Heater, Battery | |
| 5 | 1001098762 | 2 | Battery 12V | |
| 6 | 1001160927 | 2 | Plate, Battery Hold Down | |
| 7 | 1001160928 | 4 | J-Bolt | |
| 8 | 1001172495 | 1 | Cable, Positive Battery | |
| 9 | 1001172496 | 1 | Cable, Negative Battery | |

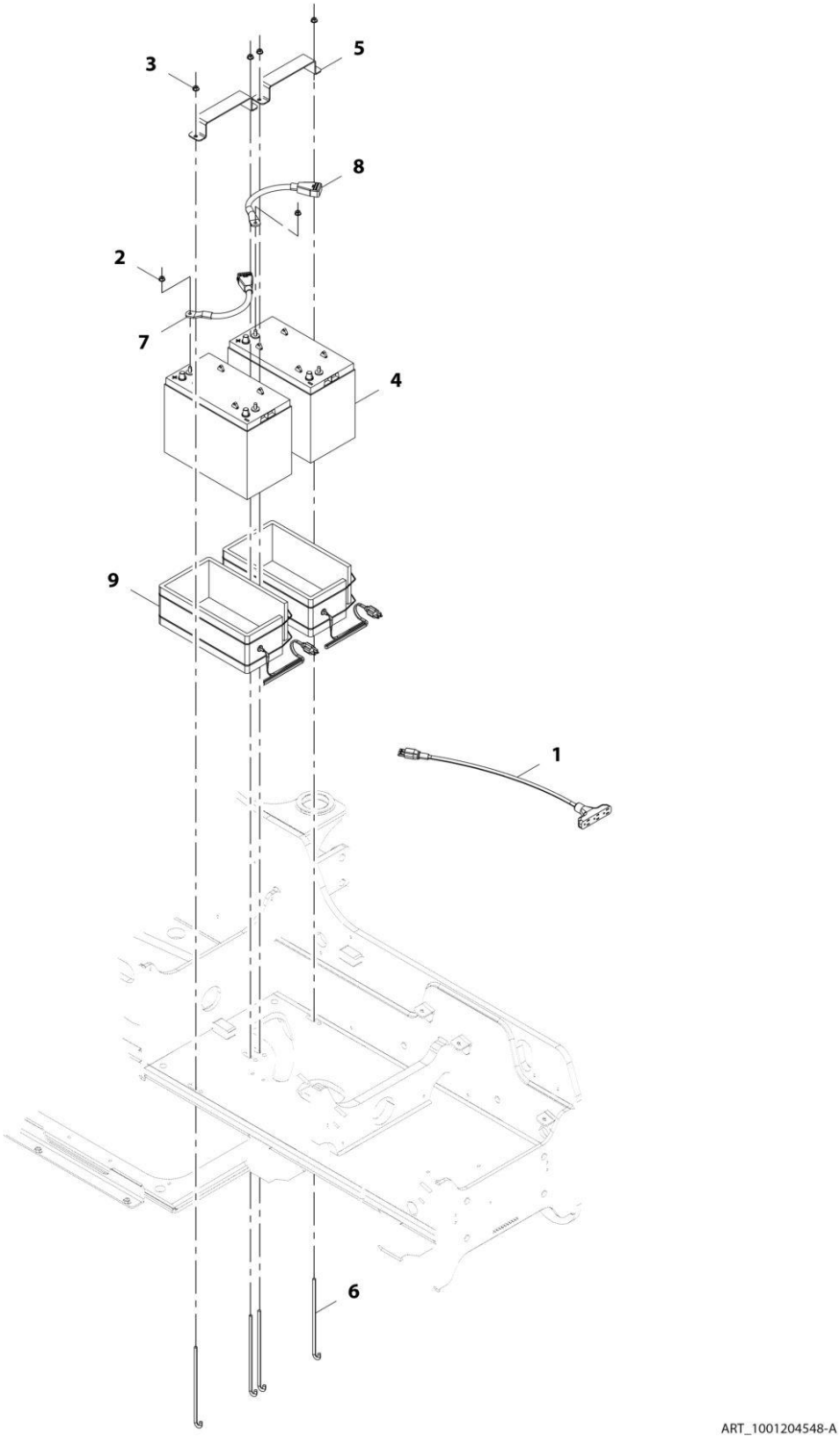
## FIGURE 10-11. BATTERY (ARCTIC) PACKAGE INSTALLATION (240V)



## FIGURE 10-11. BATTERY (ARCTIC) PACKAGE INSTALLATION (240V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204544 | Ref | Arctic Package Installation (240V) | C |
| 1 | 1001204548 | Ref | Installation, Arctic Battery, (240V) (See Separate Breakdown in this Section) | |
| 2 | 1001204549 | Ref | Installation, Hydraulic Tank Heater (240V) (See Separate Breakdown in this Section) | |
| 3 | 1001196332 | 1 | Heater, Oil Pan | |

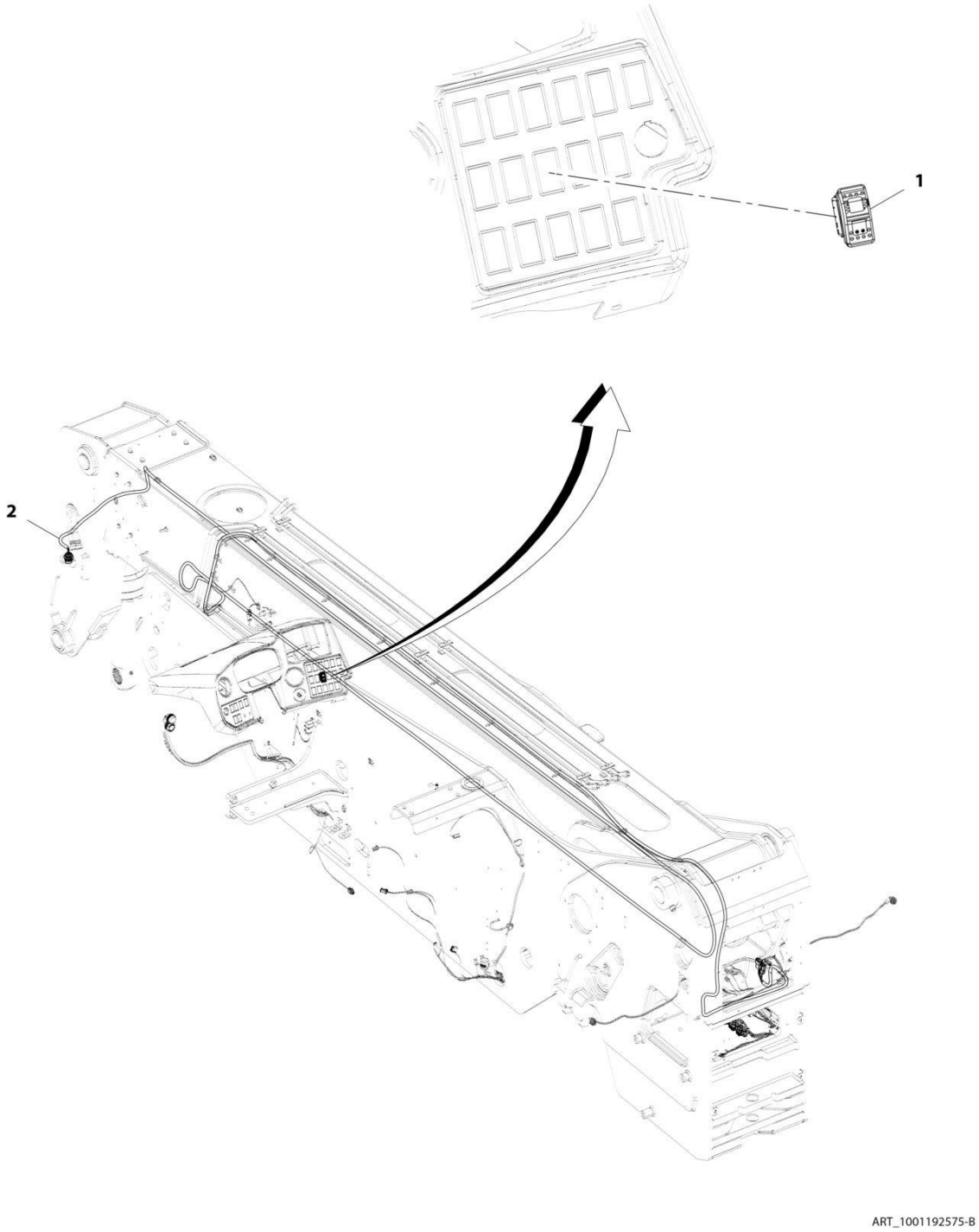
## FIGURE 10-12. BATTERIES (ARCTIC) INSTALLATION (240V)



## FIGURE 10-12. BATTERIES (ARCTIC) INSTALLATION (240V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204548 | Ref | Artic Battery Package Installation (240V) | A |
| 1 | 1060626 | 1 | Cord, 3-Way Extension | |
| 2 | 3311508 | 2 | Nut, 5/16-18 | |
| 3 | 5220800 | 4 | Nut, M8 | |
| 4 | 1001098762 | 2 | Battery, 12V | |
| 5 | 1001160927 | 2 | Plate, Battery Hold Down | |
| 6 | 1001160928 | 4 | J-Bolt | |
| 7 | 1001172495 | 1 | Cable, Positive Battery | |
| 8 | 1001172496 | 1 | Cable, Negative Battery | |
| 9 | 1001195469 | 2 | Heater, Battery | |

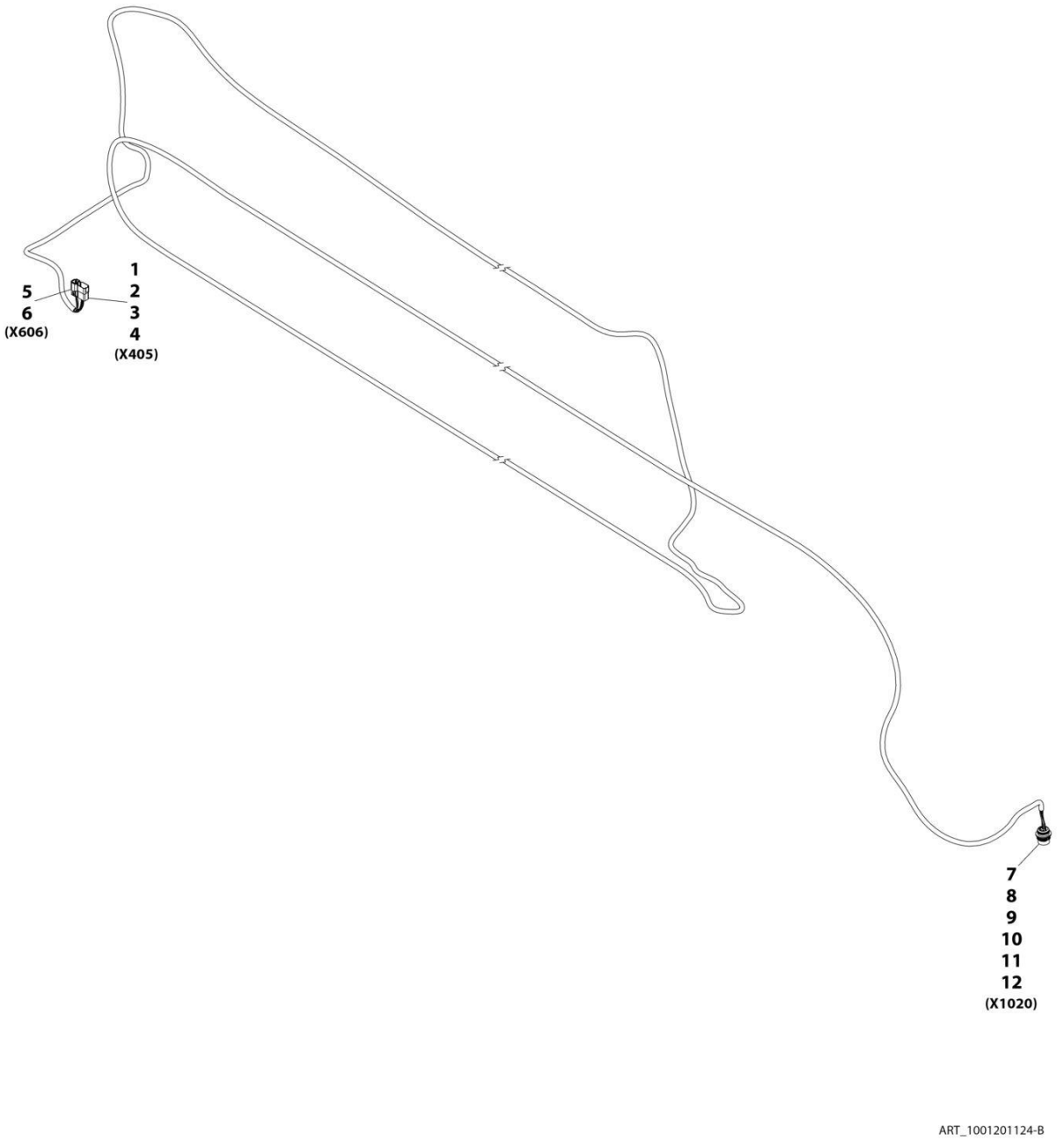
**FIGURE 10-13. BOOM HARNESS INSTALLATION**



## FIGURE 10-13. BOOM HARNESS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192575 | Ref | Boom Harness Installation | B |
| 1 | 1001159746 | 1 | Switch, Aux Electric | |
| 2 | 1001201124 | 1 | Harness, Boom (See Separate Breakdown in this Section) | |

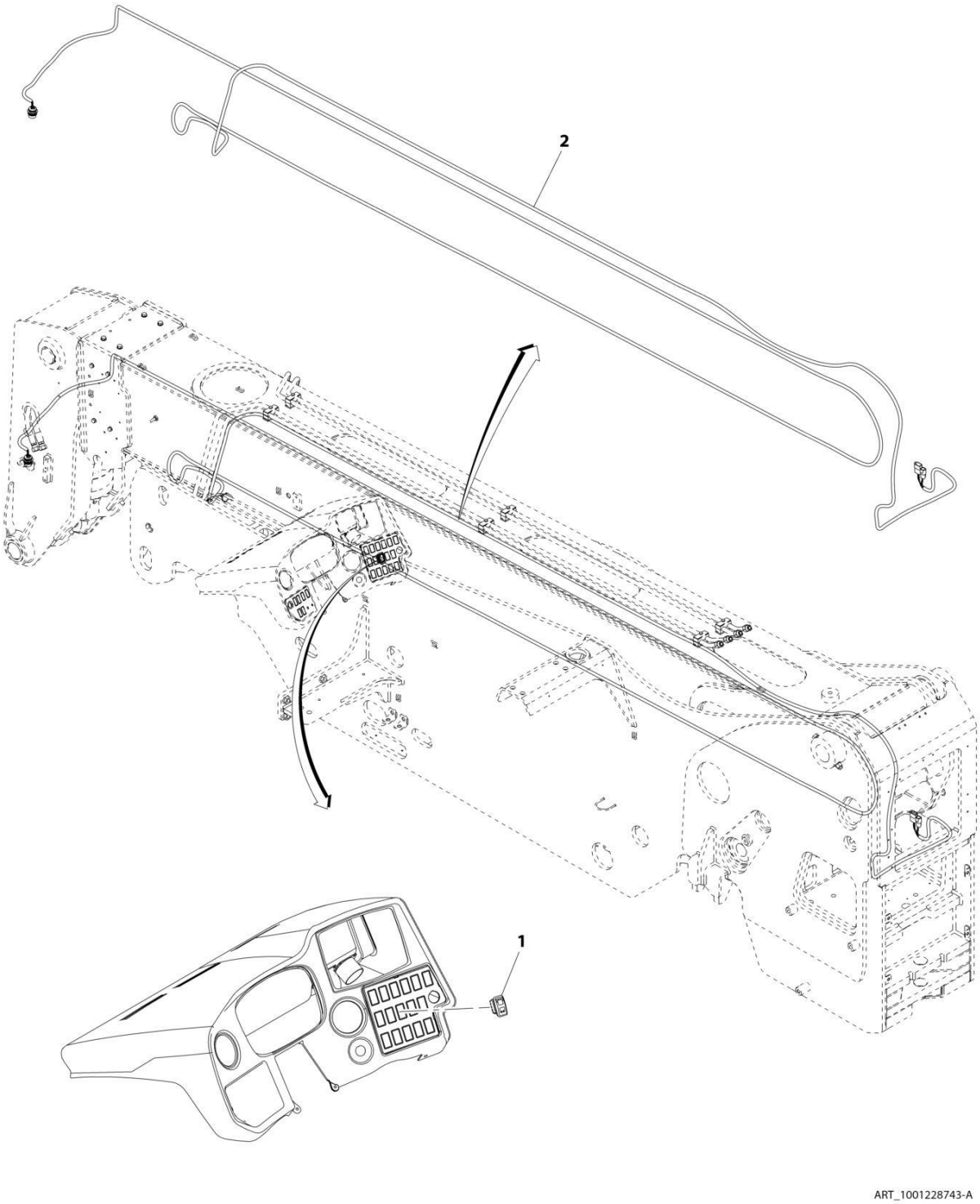
## FIGURE 10-14. BOOM HARNESS



## FIGURE 10-14. BOOM HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201124 | Ref | Boom Harness | B |
| 1 | 4460931 | 1 | Connector | |
| 2 | 4460943 | 2 | Terminal | |
| 3 | 4460464 | 4 | Terminal | |
| 4 | 4460466 | 2 | Plug | |
| 5 | 4461017 | 1 | Connector | |
| 6 | 4460508 | 2 | Terminal | |
| 7 | 1001112612 | 1 | Connector | |
| 8 | 1001183221 | 1 | Boot | |
| 9 | 1001157891 | 2 | Terminal | |
| 10 | 4460464 | 4 | Terminal | |
| 11 | 4460943 | 2 | Terminal | |
| 12 | 4460466 | 1 | Plug | |

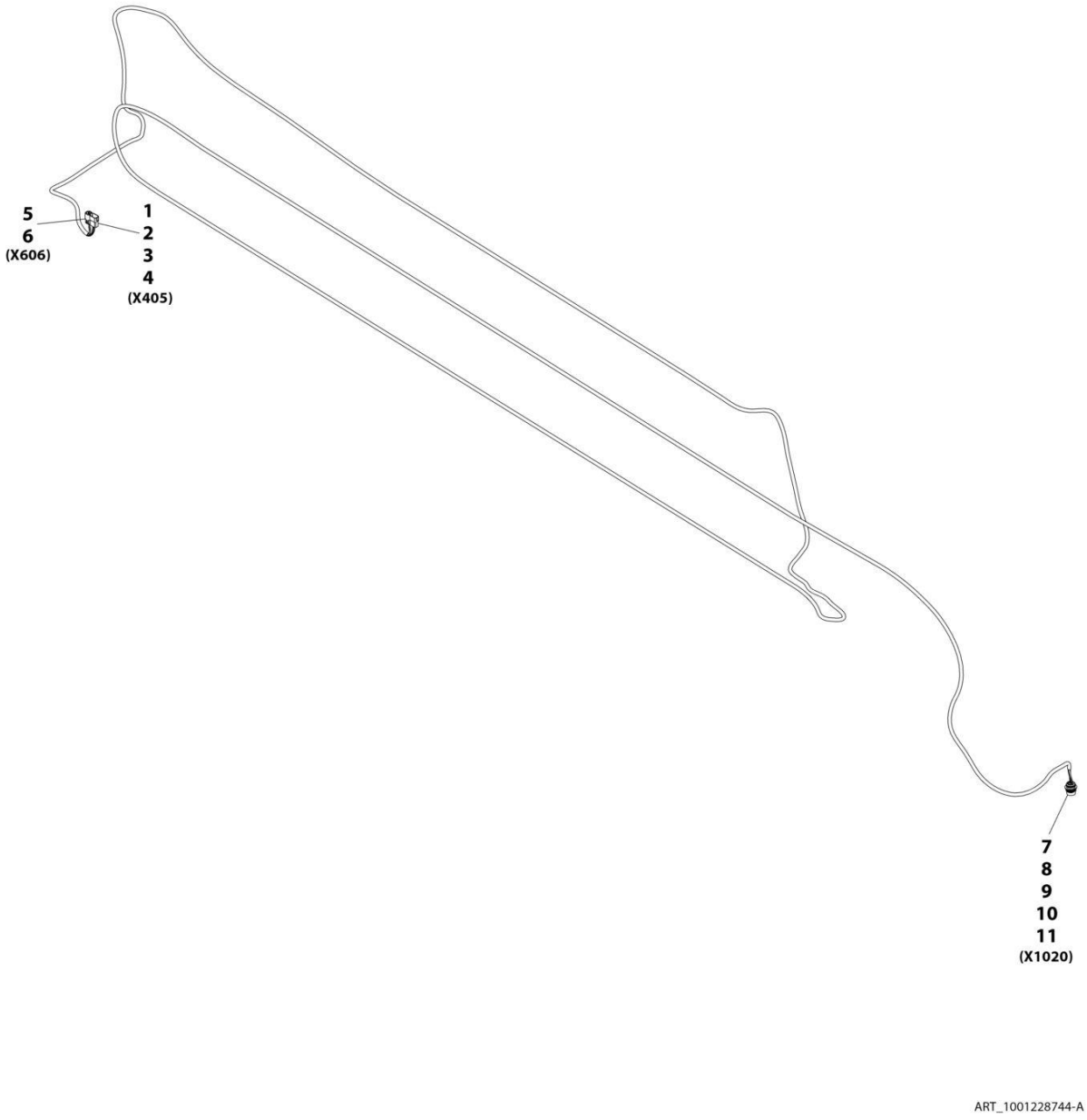
## FIGURE 10-15. BOOM HARNESS INSTALLATION



## FIGURE 10-15. BOOM HARNESS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228743 | Ref | Boom Harness Installation | A |
| 1 | 1001159746 | 1 | Switch, Aux Electric | |
| 2 | 1001228744 | 1 | Harness, Boom (See Separate Breakdown in this Section) | |

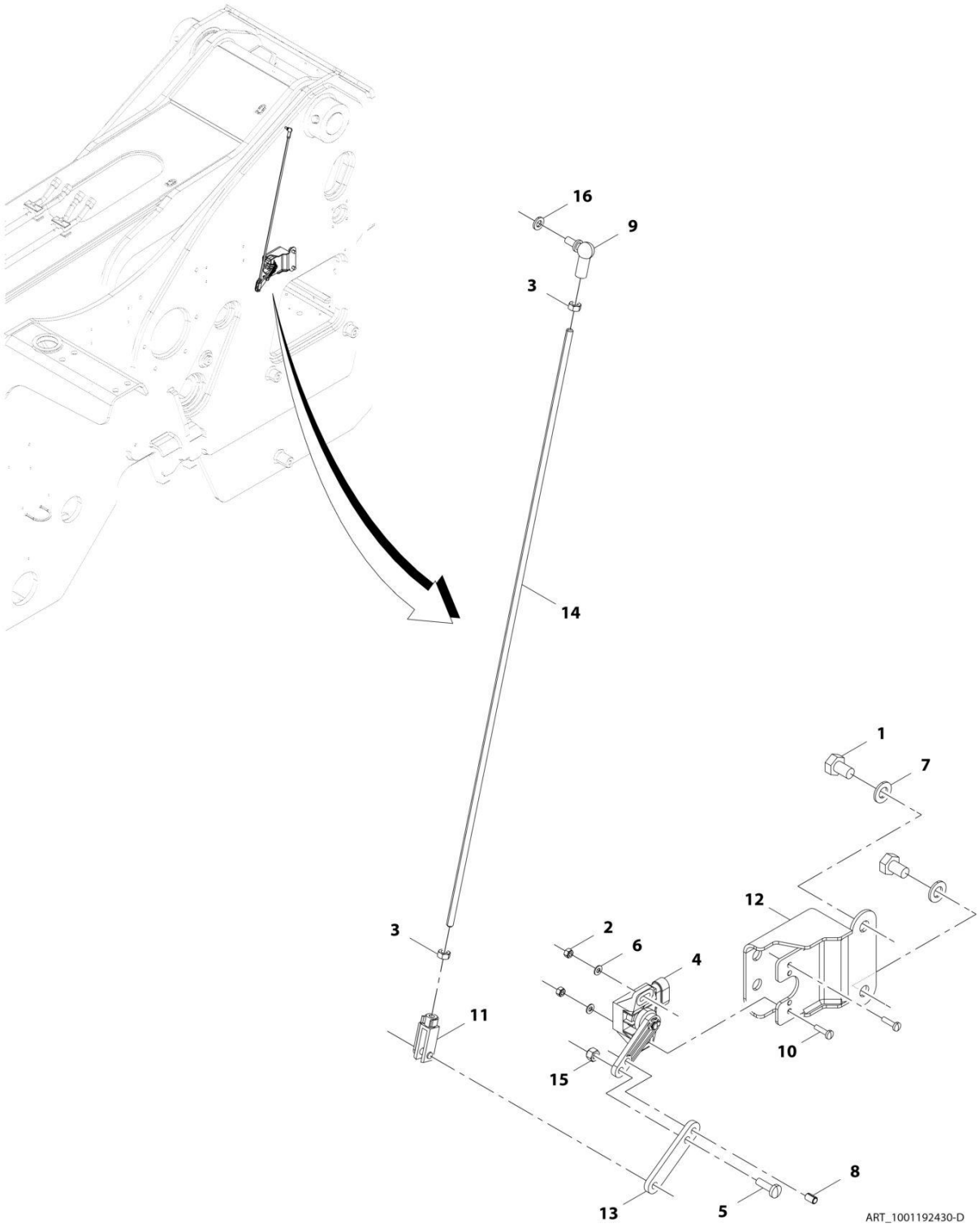
## FIGURE 10-16. BOOM HARNESS



## FIGURE 10-16. BOOM HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228744 | Ref | Boom Harness | A |
| 1 | 4460931 | 1 | Connector | |
| 2 | 4460943 | 2 | Terminal | |
| 3 | 4460464 | 4 | Terminal | |
| 4 | 4460466 | 2 | Plug | |
| 5 | 4461017 | 1 | Connector | |
| 6 | 4460508 | 2 | Terminal | |
| 7 | 1001112612 | 1 | Connector | |
| 8 | 1001157891 | 2 | Terminal | |
| 9 | 4460464 | 4 | Terminal | |
| 10 | 4460943 | 2 | Terminal | |
| 11 | 4460466 | 1 | Plug | |

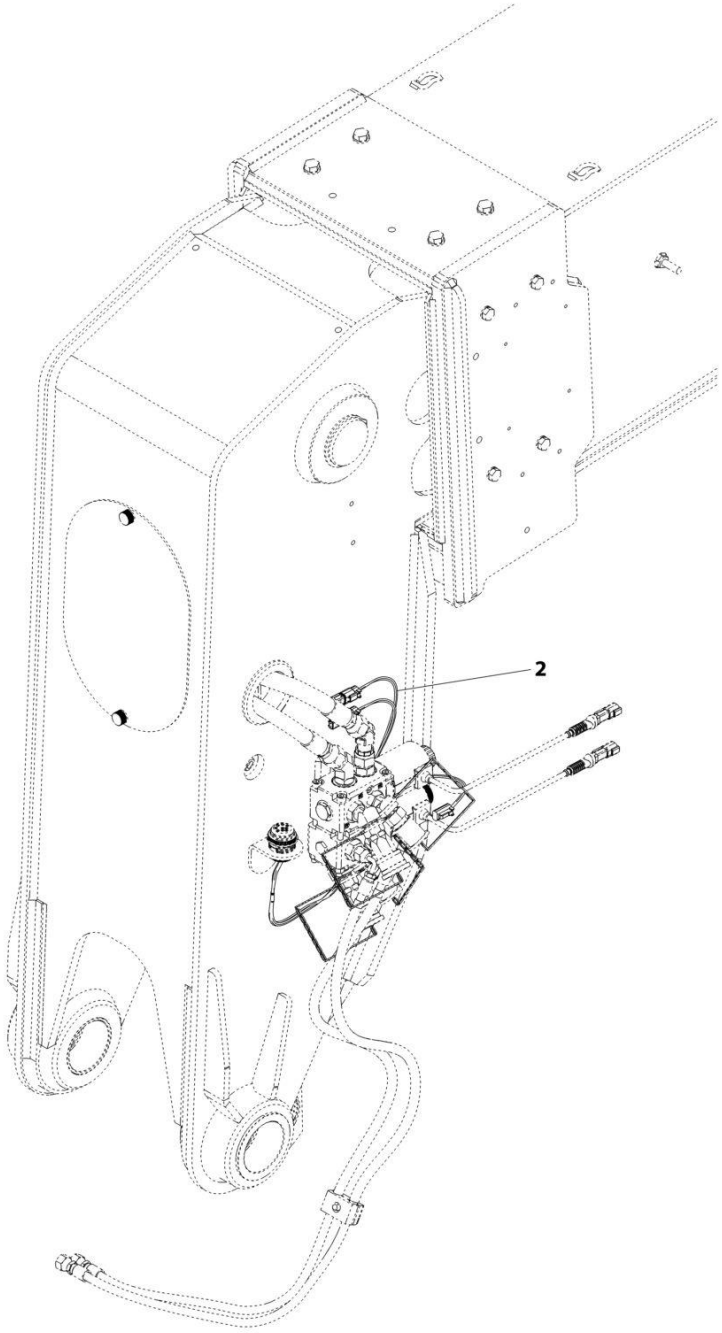
## FIGURE 10-17. BOOM ANGLE SENSOR INSTALLATION (NO LMIS)



## FIGURE 10-17. BOOM ANGLE SENSOR INSTALLATION (NO LMIS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192430 | Ref | BOOM ANGLE SENSOR INSTALLATION (NO LMIS) | E |
| 1 | 0761008 | 2 | Bolt M10X16 | |
| 2 | 3290405 | 2 | Nut, Lock M4 | |
| 3 | 3290601 | 2 | Nut M6 | |
| 4 | 1001278028 | 1 | Sensor, Angle | |
| 5 | 4010610 | 1 | Screw M6X20 | |
| 6 | 4811400 | 2 | Washer M4 | |
| 7 | 4812000 | 2 | Washer M10 | |
| 8 | 1001103156 | 1 | Pin | |
| 9 | 1001103300 | 1 | Fitting, Ball Joint | |
| 10 | 1001126837 | 2 | Screw M4X16 | |
| 11 | 1001134274 | 1 | Clevis | |
| 12 | 1001213775 | 1 | Bracket | |
| 13 | 1001195731 | 1 | Link | |
| 14 | 1001195732 | 1 | Rod | |
| 15 | 3290605 | 1 | Nut, Lock M6 | |
| 16 | 4811700 | 1 | Washer M6 | |

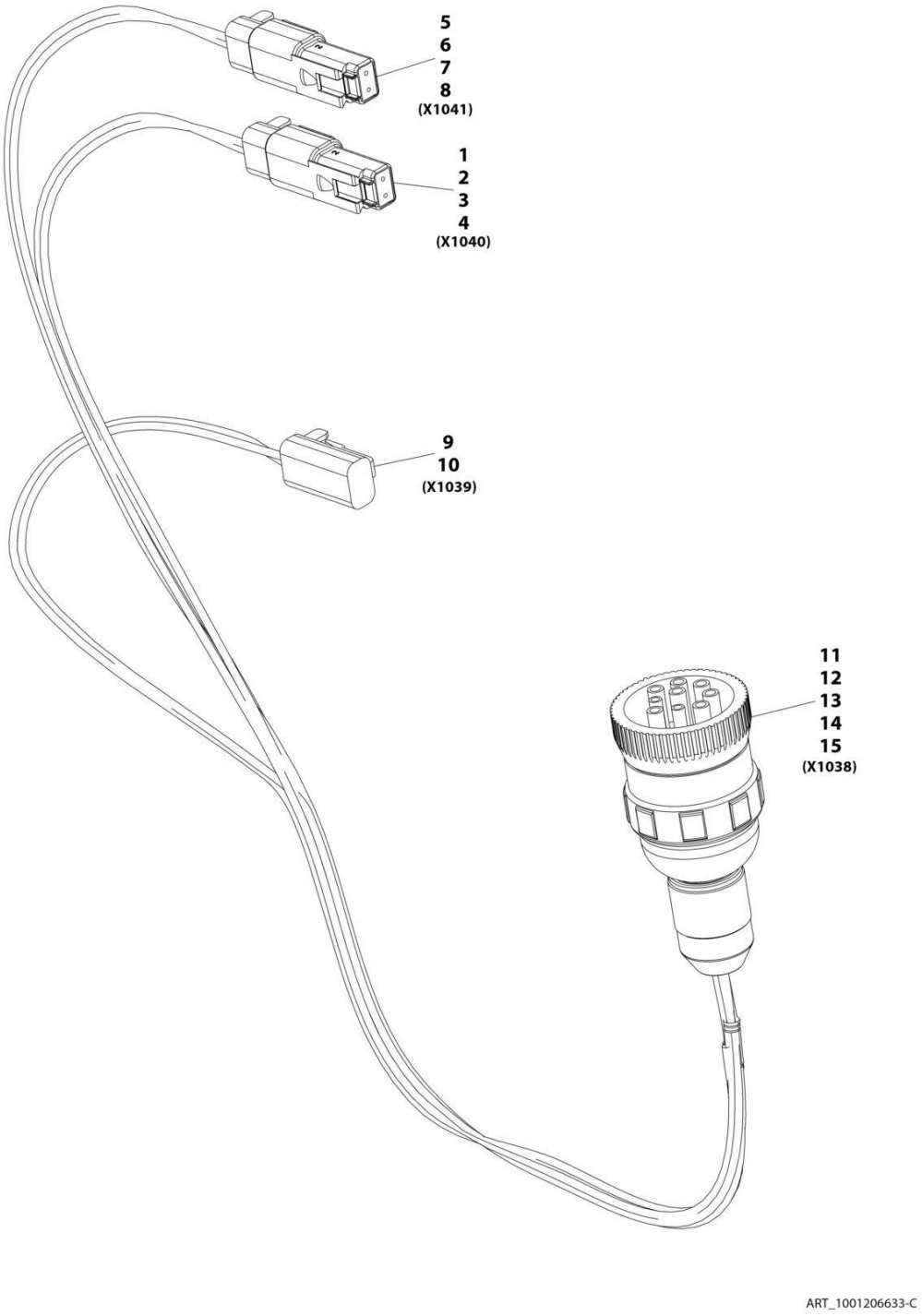
## FIGURE 10-18. BOOM AUX HARNESS INSTALLATION



## FIGURE 10-18. BOOM AUX HARNESS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192370 | Ref | Boom Aux Harness Installation | C |
| 2 | 1001206633 | 1 | Harness, Boom AUX (See Separate Breakdown in this Section) | |

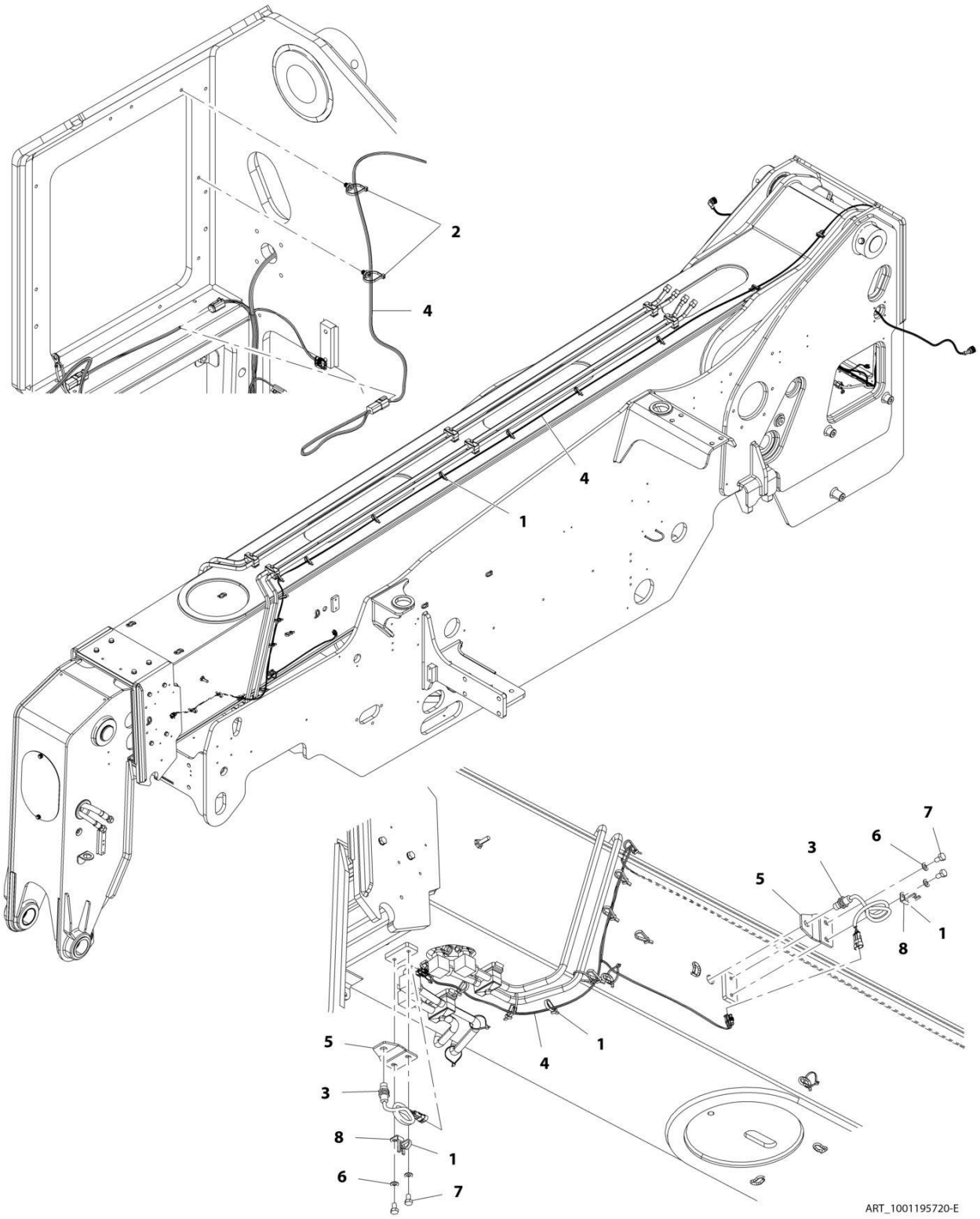
## FIGURE 10-19. BOOM AUX HARNESS



## FIGURE 10-19. BOOM AUX HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206633 | Ref | Boom Aux Harness | C |
| 1 | 4460891 | 1 | Connector | |
| 2 | 4460897 | 1 | Mating Connector | |
| 3 | 4460466 | 1 | Plug | |
| 4 | 4460465 | 2 | Terminal | |
| 5 | 4460891 | 1 | Connector | |
| 6 | 4460897 | 1 | Mating Connector | |
| 7 | 4460466 | 1 | Terminal | |
| 8 | 4460465 | 2 | Terminal | |
| 9 | 4460891 | 1 | Connector | |
| 10 | 4460465 | 2 | Terminal | |
| 11 | 1001112796 | 1 | Connector | |
| 12 | 4460465 | 4 | Terminal | |
| 13 | 4460466 | 5 | Plug | |
| 14 | 1001241590 | 1 | Backshell | |
| 15 | 1001241591 | 1 | Nut | |

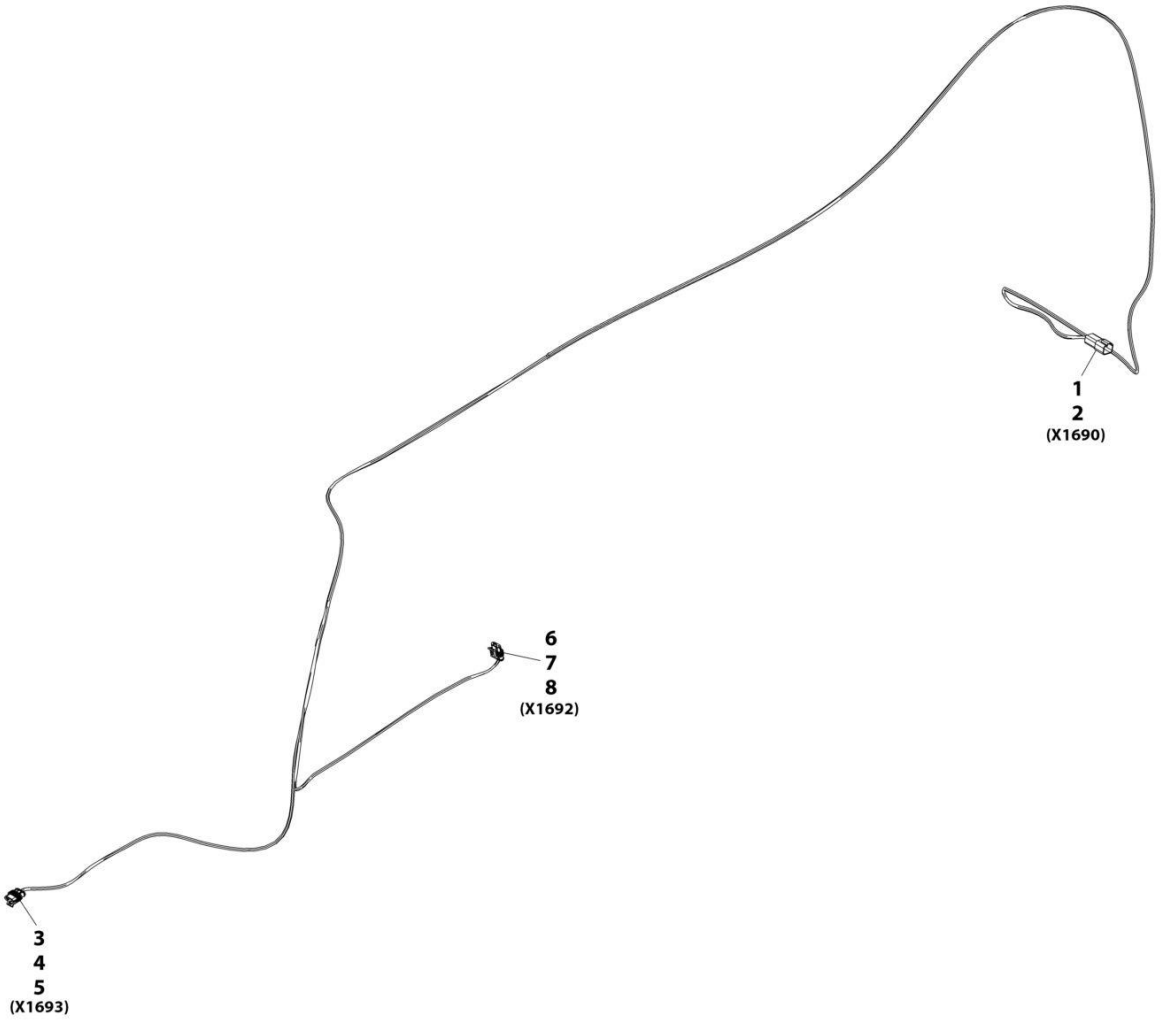
## FIGURE 10-20. BOOM RETRACT SENSOR INSTALLATION



## FIGURE 10-20. BOOM RETRACT SENSOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195720 | Ref | Boom Retract Sensor Installation | E |
| 1 | 1001008923 | 19 | Strap, Cable | |
| 2 | 1001146588 | 2 | Strap, Fir Tree Cable Tie | |
| 3 | 1001183024 | 2 | Sensor | |
| 4 | 1001195953 | 1 | Harness, Proximity Sensor | |
| 5 | 1001210567 | 2 | Bracket | |
| 6 | 4812000 | 4 | Washer, M10 | |
| 7 | 0761009 | 4 | Bolt | |
| 8 | 1001003305 | 2 | Clip | |

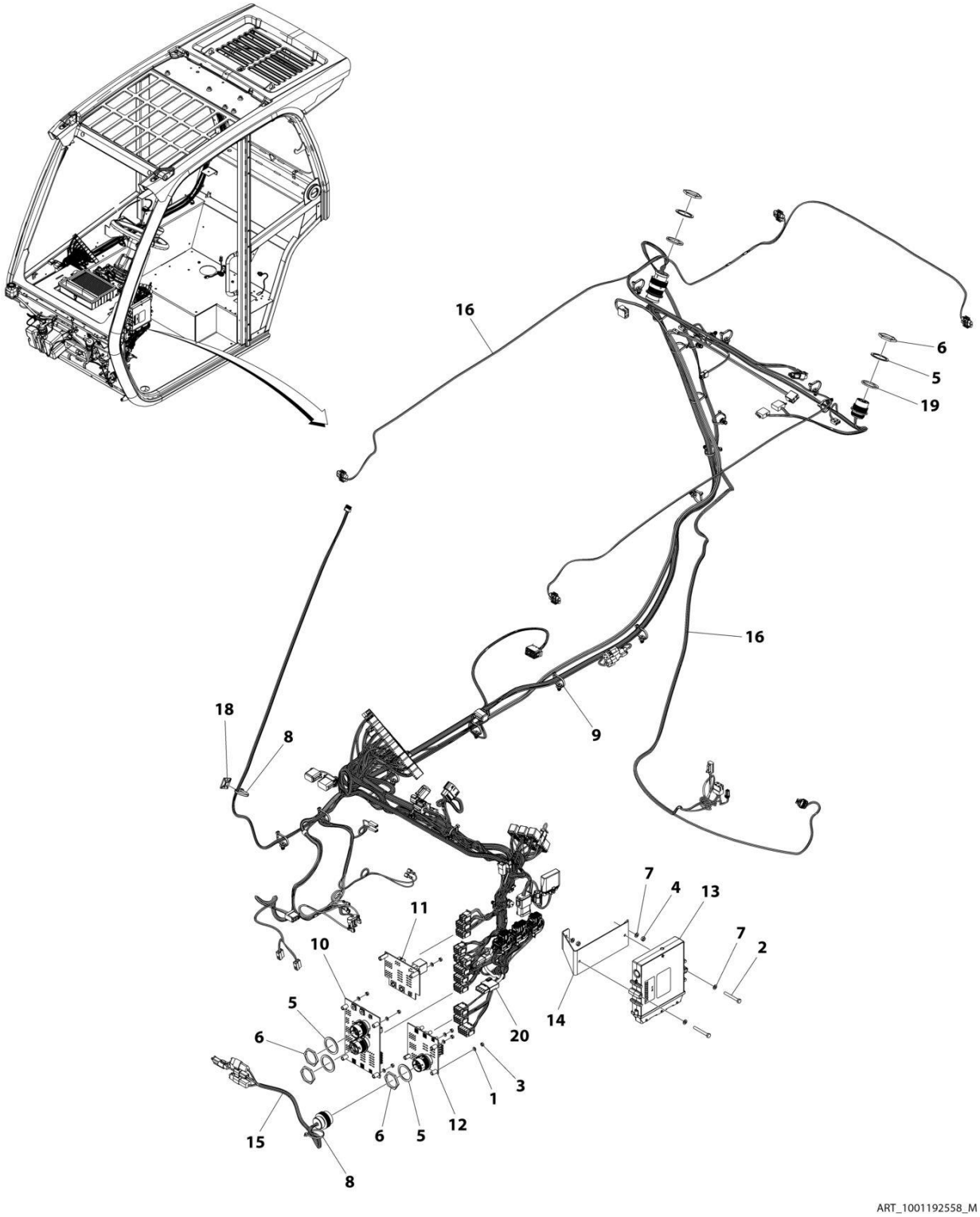
## FIGURE 10-21. BOOM RETRACT PROXIMITY SENSOR HARNESS



## FIGURE 10-21. BOOM RETRACT PROXIMITY SENSOR HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195953 | Ref | Proximity Sensor Harness | G |
| 1 | 4460932 | 1 | Connector | |
| 2 | 4460464 | 4 | Terminal | |
| 3 | 4461262 | 1 | Connector | |
| 4 | 1001107854 | 3 | Terminal | |
| 5 | 1001104498 | 3 | Terminal Seal | |
| 6 | 4461262 | 1 | Connector | |
| 7 | 1001107854 | 3 | Terminal | |
| 8 | 1001104498 | 3 | Terminal Seal | |

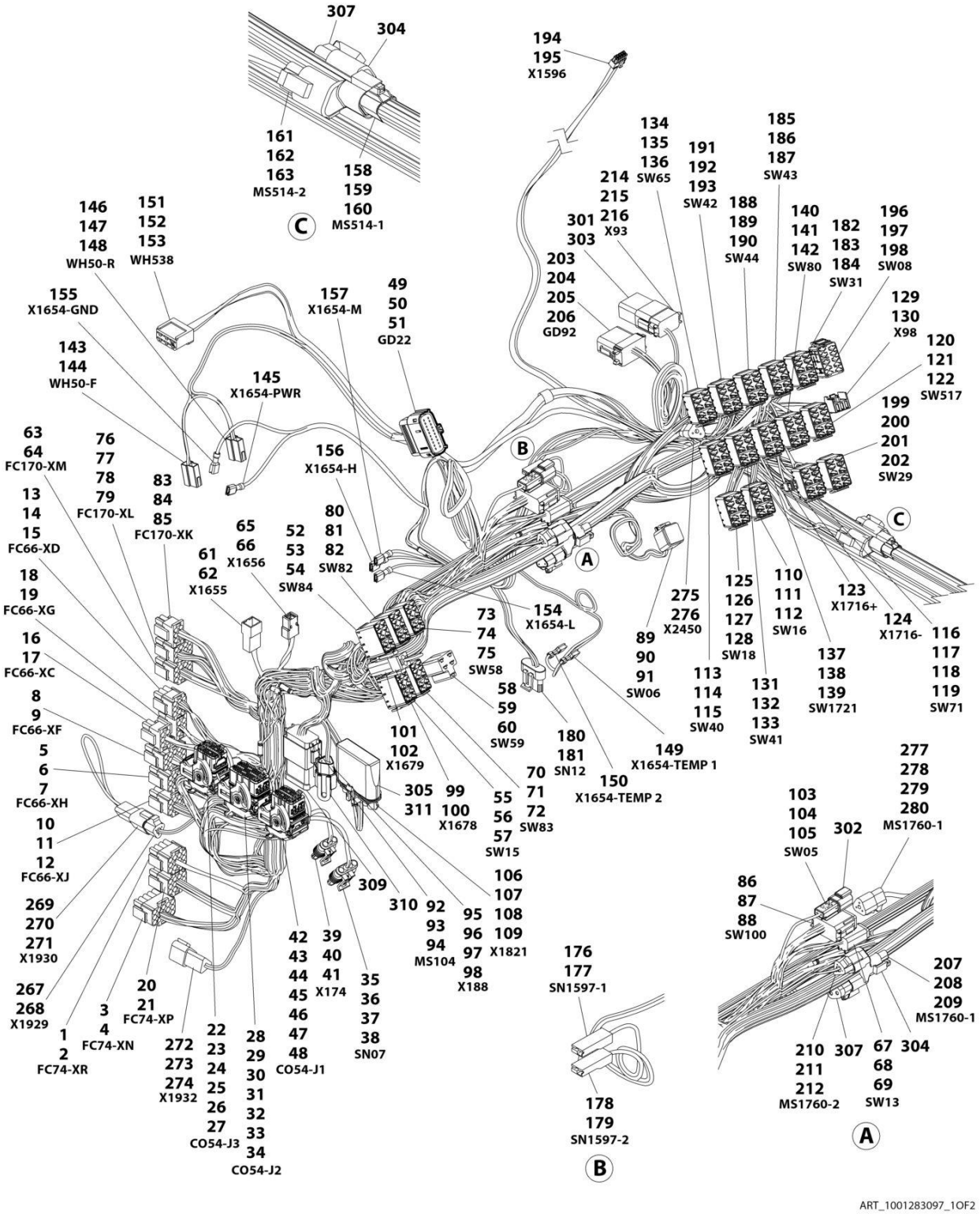
## FIGURE 10-22. CAB ELECTICAL INSTALLATION

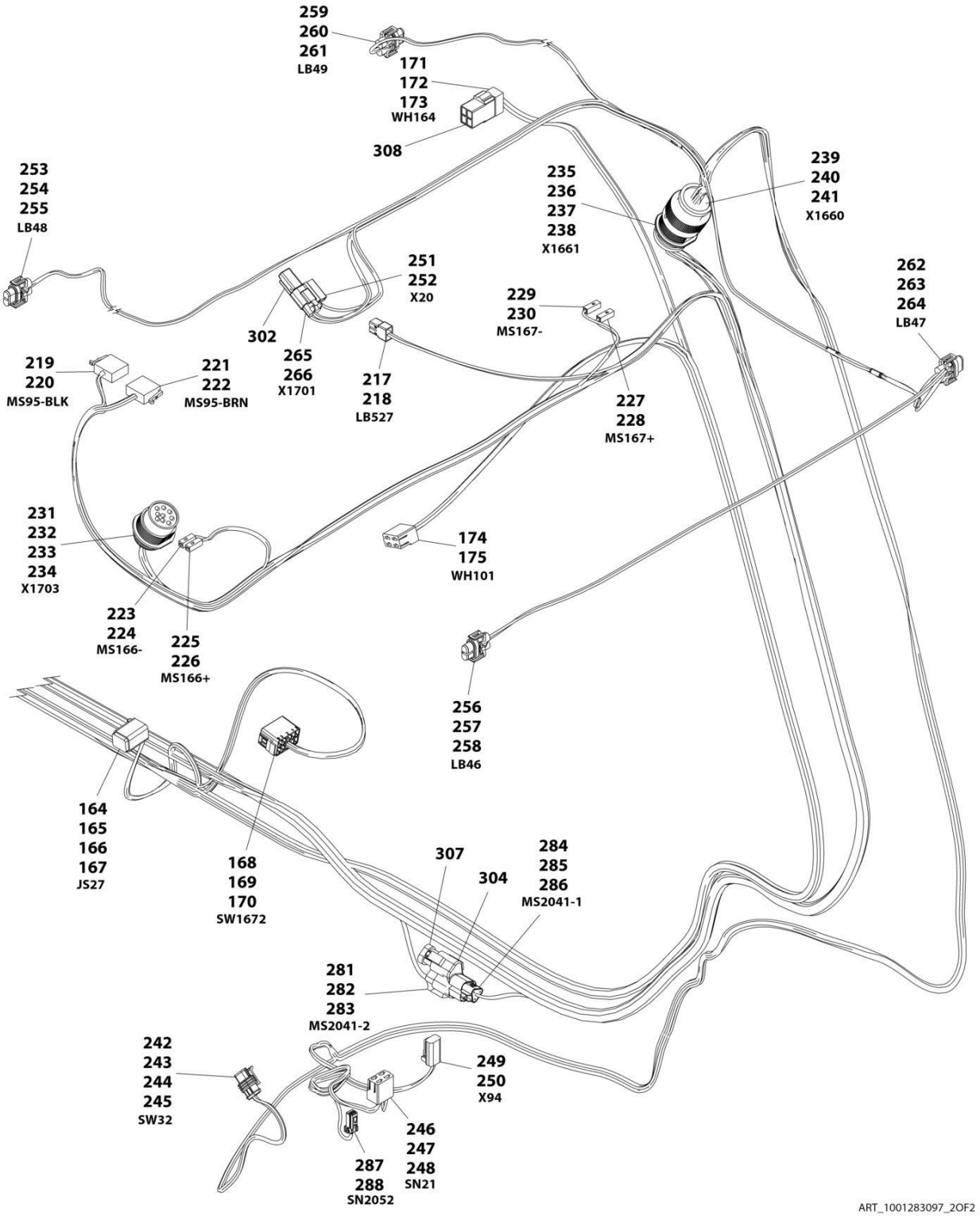


## FIGURE 10-22. CAB ELECTICAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192558 | Ref | CAB ELECTRICAL INSTALLATION | M |
| 1 | 120034 | 7 | Washer, Plastic | |
| 2 | 0700618 | 2 | Bolt M6 x 50 | |
| 3 | 3290501 | 7 | Nut M5 | |
| 4 | 3290601 | 2 | Nut M6 | |
| 5 | 4460496 | 5 | Washer, Terminal Lock | |
| 6 | 4460497 | 5 | Nut, Terminal | |
| 7 | 4811700 | 4 | Washer M6 | |
| 8 | 1001008559 | 2 | Strap, Cable Tie | |
| 9 | 1001146588 | 24 | Strap, Cable Tie | |
| 10 | 1001161769 | 1 | Assembly, Standard Electrical Board (See Separate Breakdown in this Section) | |
| 11 | 1001161770 | 1 | Assembly, Option 1 Electrical Board (See Separate Breakdown in this Section) | |
| 12 | 1001161771 | 1 | Assembly, Option 2 Electrical Board (See Separate Breakdown in this Section) | |
| 13 | 1001270466 | 1 | Module, Cab Control | |
| 14 | 1001178933 | 1 | Bracket | |
| 15 | 1001258712 | 1 | Harness, Cab Option LBP (See Separate Breakdown in this Section) | |
| 16 | 1001283097 | 1 | Harness, Cab (See Separate Breakdown in this Section) | |
| 18 | 4460234 | 1 | Terminal, Mount Cable Tie | |
| 19 | 1001211693 | 2 | Seal | |
| 20 | 1001213988 | 1 | Cable, Communication Analyzer | |

## FIGURE 10-23. CAB HARNESS




259
260
261
LB49
171
172
173
WH164
308
253
254
255
LB48
235
236
237
238
X1661
239
240
241
X1660
251
252
X20
302
265
266
X1701
217
218
LB527
229
230
MS167-
262
263
264
LB47
219
220
MS95-BLK
221
222
MS95-BRN
227
228
MS167+
231
232
233
234
X1703
174
175
WH101
223
224
MS166-
225
226
MS166+
256
257
258
LB46
164
165
166
167
JS27
168
169
170
SW1672
307
304
284
285
286
MS2041-1
281
282
283
MS2041-2
242
243
244
245
SW32
249
250
X94
246
247
248
SN21
287
288
SN2052
ART_1001283097_2OF2

## FIGURE 10-23. CAB HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001283097 | Ref | CAB HARNESS | B |
| 1 | 4460343 | 1 | Connector | |
| 2 | 4460267 | 5 | Terminal | |
| 3 | 4460434 | 1 | Connector | |
| 4 | 4460268 | 10 | Terminal | |
| 5 | 4460343 | 1 | Connector | |
| 6 | 4460268 | 8 | Terminal | |
| 7 | 10011223457 | 1 | Terminal | |
| 8 | 4460434 | 1 | Connector | |
| 9 | 4460268 | 15 | Terminal | |
| 10 | 4460343 | 1 | Connector | |
| 11 | 4460267 | 9 | Terminal | |
| 12 | 1001223456 | 1 | Terminal | |
| 13 | 4460265 | 1 | Connector | |
| 14 | 1001223457 | 3 | Terminal | |
| 15 | 4460268 | 6 | Terminal | |
| 16 | 4460225 | 1 | Connector | |
| 17 | 4460267 | 7 | Terminal | |
| 18 | 4460225 | 1 | Connector | |
| 19 | 4460268 | 5 | Terminal | |
| 20 | 4460343 | 1 | Connector | |
| 21 | 4460268 | 8 | Terminal | |
| 22 | 1001161959 | 1 | Connector | |
| 23 | 943191201 | 1 | Cover | |
| 24 | 1001161100 | 9 | Plug | |
| 25 | 1001161097 | 15 | Terminal | |
| 26 | 1001161098 | 1 | Terminal | |
| 27 | 1001161101 | 7 | Plug | |
| 28 | 1001160502 | 1 | Connector | |
| 29 | 643201301 | 1 | Cover | |
| 30 | 1001161097 | 21 | Terminal | |
| 31 | 1001161100 | 19 | Plug | |
| 32 | 1001161098 | 6 | Terminal | |
| 33 | 1001161099 | 2 | Terminal | |
| 34 | 1001161101 | 2 | Plug | |
| 35 | 1001103012 | 1 | Connector | |
| 36 | 1001116698 | 2 | Plug | |
| 37 | 1001116697 | 2 | Terminal | |
| 38 | 1001104498 | 2 | Terminal Seal | |
| 39 | 4461262 | 1 | Connector | |
| 40 | 1001107854 | 3 | Terminal | |
| 41 | 1001104498 | 3 | Terminal Seal | |
| 42 | 1001160498 | 1 | Connector | |
| 43 | 643191201 | 1 | Cover | |
| 44 | 1001161097 | 19 | Terminal | |
| 45 | 1001161100 | 5 | Plug | |
| 46 | 1001161098 | 5 | Terminal | |
| 47 | 1001161101 | 2 | Plug | |
| 48 | 1001161099 | 1 | Terminal | |
| 49 | 1001162886 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 1001163340 | 13 | Plug | |
| 51 | 1001162887 | 7 | Terminal | |
| 52 | 1001117081 | 1 | Connector | |
| 53 | 1001116723 | 6 | Terminal | |
| 54 | 1001222455 | 1 | Terminal | |
| 55 | 1001117081 | 1 | Connector | |
| 56 | 1001116723 | 6 | Terminal | |
| 57 | 1001223455 | 1 | Terminal | |
| 58 | 1001173411 | 1 | Connector | |
| 59 | 1001116716 | 3 | Terminal | |
| 60 | 1001104519 | 3 | Terminal | |
| 61 | 1001116999 | 1 | Connector | |
| 62 | 1001116700 | 4 | Terminal | |
| 63 | 4460343 | 1 | Connector | |
| 64 | 4460267 | 7 | Terminal | |
| 65 | 1001116991 | 1 | Connector | |
| 66 | 1001116723 | 2 | Terminal | |
| 67 | 4460933 | 1 | Connector | |
| 68 | 4460466 | 5 | Plug | |
| 69 | 4460465 | 7 | Terminal | |
| 70 | 1001117081 | 1 | Connector | |
| 71 | 1001116723 | 6 | Terminal | |
| 72 | 1001223455 | 1 | Terminal | |
| 73 | 1001117081 | 1 | Connector | |
| 74 | 1001116723 | 4 | Terminal | |
| 75 | 1001118384 | 2 | Terminal | |
| 76 | 4460343 | 1 | Connector | |
| 77 | 4460268 | 8 | Terminal | |
| 78 | 4460906 | 1 | Terminal | |
| 79 | 1001223457 | 1 | Terminal | |
| 80 | 1001117081 | 1 | Connector | |
| 81 | 1001116723 | 6 | Terminal | |
| 82 | 1001223455 | 1 | Terminal | |
| 83 | 4460225 | 1 | Connector | |
| 84 | 4460267 | 5 | Terminal | |
| 85 | 4460705 | 1 | Terminal | |
| 86 | 4460836 | 1 | Connector | |
| 87 | 4460942 | 4 | Terminal | |
| 88 | 4460465 | 8 | Terminal | |
| 89 | 4460894 | 1 | Connector | |
| 90 | 4460465 | 4 | Terminal | |
| 91 | 4460466 | 2 | Plug | |
| 92 | 4460933 | 1 | Connector | |
| 93 | 1001125677 | 1 | Mating Connector | |
| 94 | 4460465 | 12 | Terminal | |
| 95 | 1001116812 | 1 | Connector | |
| 96 | 1001144296 | 1 | Cap | |
| 97 | 4460944 | 2 | Terminal | |
| 98 | 4460466 | 1 | Plug | |
| 99 | 4460320 | 1 | Connector | |
| 100 | 4460267 | 2 | Terminal | |

# SECTION 10 - ELECTRICAL

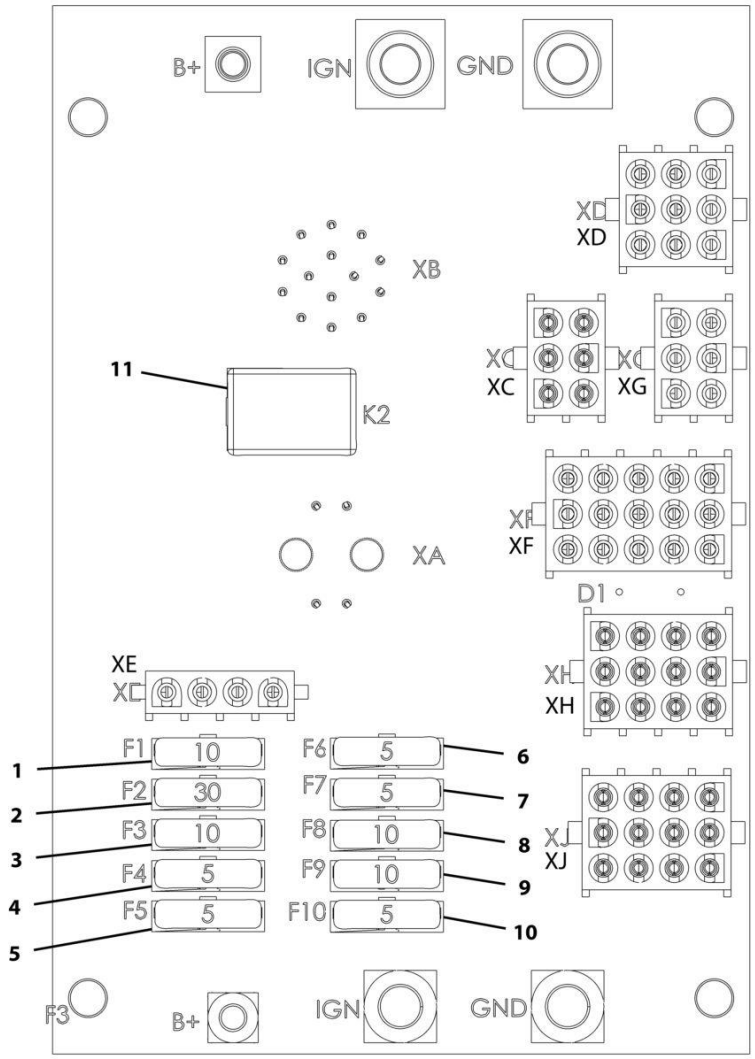
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 4460424 | 1 | Connector | |
| 102 | 4460268 | 2 | Terminal | |
| 103 | 4460897 | 1 | Connector | |
| 104 | 4460464 | 1 | Terminal | |
| 105 | 4460466 | 1 | Plug | |
| 106 | 4460744 | 1 | Connector | |
| 107 | 8220375 | 1 | Cap | |
| 108 | 4460746 | 6 | Terminal | |
| 109 | 4460458 | 6 | Seal | |
| 110 | 1001117081 | 1 | Connector | |
| 111 | 1001116723 | 6 | Terminal | |
| 112 | 1001223455 | 1 | Terminal | |
| 113 | 1001117081 | 1 | Connector | |
| 114 | 1001116723 | 6 | Terminal | |
| 115 | 1001118384 | 4 | Terminal | |
| 116 | 1001117081 | 1 | Connector | |
| 117 | 1001116723 | 6 | Terminal | |
| 118 | 1001118384 | 2 | Terminal | |
| 119 | 1001223455 | 2 | Terminal | |
| 120 | 1001117081 | 1 | Connector | |
| 121 | 1001116723 | 6 | Terminal | |
| 122 | 1001223455 | 1 | Terminal | |
| 123 | 1001194421 | 1 | Terminal | |
| 124 | 1001194421 | 1 | Terminal | |
| 125 | 1001117081 | 1 | Connector | |
| 126 | 1001116723 | 6 | Terminal | |
| 127 | 1001223455 | 3 | Terminal | |
| 128 | 1001118384 | 2 | Terminal | |
| 129 | 1001118684 | 1 | Connector | |
| 130 | 1001116754 | 2 | Terminal | |
| 131 | 1001117081 | 1 | Connector | |
| 132 | 1001116723 | 4 | Terminal | |
| 133 | 1001118384 | 3 | Terminal | |
| 134 | 1001117081 | 1 | Connector | |
| 135 | 1001116723 | 6 | Terminal | |
| 136 | 1001223455 | 1 | Terminal | |
| 137 | 1001117081 | 1 | Connector | |
| 138 | 1001116723 | 6 | Terminal | |
| 139 | 1001118384 | 1 | Terminal | |
| 140 | 1001117081 | 1 | Connector | |
| 141 | 1001116723 | 6 | Terminal | |
| 142 | 1001223455 | 1 | Terminal | |
| 143 | 4460994 | 1 | Connector | |
| 144 | 1001118384 | 2 | Terminal | |
| 145 | 8220051 | 1 | Terminal | |
| 146 | 4460994 | 1 | Connector | |
| 147 | 1001118384 | 1 | Terminal | |
| 148 | 1001116723 | 2 | Terminal | |
| 149 | 1001194421 | 1 | Terminal | |
| 150 | 1001194421 | 1 | Terminal | |
| 151 | 1001116997 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 152 | 1001118384 | 4 | Terminal | |
| 153 | 1001116723 | 1 | Terminal | |
| 154 | 8220051 | 1 | Terminal | |
| 155 | 8220051 | 1 | Terminal | |
| 156 | 8220051 | 1 | Terminal | |
| 157 | 8220051 | 1 | Terminal | |
| 158 | 1001116812 | 1 | Connector | |
| 159 | 4460944 | 2 | Terminal | |
| 160 | 4460466 | 1 | Plug | |
| 161 | 4460539 | 1 | Connector | |
| 162 | 4460944 | 2 | Terminal | |
| 163 | 4460466 | 1 | Plug | |
| 164 | 4460894 | 1 | Connector | |
| 165 | 4460465 | 3 | Terminal | |
| 166 | 4460466 | 1 | Plug | |
| 167 | 4460944 | 2 | Terminal | |
| 168 | 1001117081 | 1 | Connector | |
| 169 | 1001116723 | 2 | Terminal | |
| 170 | 1001223455 | 4 | Terminal | |
| 171 | 1001116986 | 1 | Connector | |
| 172 | 1001117011 | 1 | Mating Connector | |
| 173 | 1001118384 | 4 | Terminal | |
| 174 | 1001116986 | 1 | Connector | |
| 175 | 1001118384 | 4 | Terminal | |
| 176 | 1001116995 | 1 | Connector | |
| 177 | 1001118379 | 1 | Terminal | |
| 178 | 1001116995 | 1 | Connector | |
| 179 | 1001118379 | 1 | Terminal | |
| 180 | 1001230931 | 1 | Connector | |
| 181 | 1001116748 | 6 | Terminal | |
| 182 | 1001117081 | 1 | Connector | |
| 183 | 1001116723 | 7 | Terminal | |
| 184 | 1001118384 | 1 | Terminal | |
| 185 | 1001117081 | 1 | Connector | |
| 186 | 1001116723 | 4 | Terminal | |
| 187 | 1001118384 | 2 | Terminal | |
| 188 | 1001117081 | 1 | Connector | |
| 189 | 1001116723 | 4 | Terminal | |
| 190 | 1001118384 | 2 | Terminal | |
| 191 | 1001117081 | 1 | Connector | |
| 192 | 1001116723 | 4 | Terminal | |
| 193 | 1001118384 | 2 | Terminal | |
| 194 | 1001150735 | 1 | Connector | |
| 195 | 1001150737 | 7 | Terminal | |
| 196 | 1001117079 | 1 | Connector | |
| 197 | 1001223455 | 2 | Terminal | |
| 198 | 1001116723 | 5 | Terminal | |
| 199 | 1001117081 | 1 | Connector | |
| 200 | 1001116723 | 6 | Terminal | |
| 201 | 1001118384 | 1 | Terminal | |
| 202 | 1001223455 | 1 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 203 | 1001176333 | 1 | Connector | |
| 204 | 4460466 | 11 | Plug | |
| 205 | 4460465 | 3 | Terminal | |
| 206 | 4460944 | 4 | Terminal | |
| 207 | 1001116812 | 1 | Connector | |
| 208 | 4460944 | 2 | Terminal | |
| 209 | 4460466 | 1 | Plug | |
| 210 | 4460539 | 1 | Connector | |
| 211 | 4460944 | 2 | Terminal | |
| 212 | 4460466 | 1 | Plug | |
| 213 | 4460930 | 1 | Connector | |
| 214 | 4460931 | 1 | Mating Connector | |
| 215 | 4460466 | 6 | Plug | |
| 216 | 4460465 | 2 | Terminal | |
| 217 | 1001116991 | 1 | Connector | |
| 218 | 1001118384 | 2 | Terminal | |
| 219 | 1001116985 | 1 | Connector | |
| 220 | 1001118386 | 3 | Terminal | |
| 221 | 1001116984 | 1 | Connector | |
| 222 | 1001118386 | 4 | Terminal | |
| 223 | 1001116998 | 1 | Connector | |
| 224 | 1001118387 | 1 | Terminal | |
| 225 | 1001116998 | 1 | Connector | |
| 226 | 1001118387 | 1 | Terminal | |
| 227 | 1001116998 | 1 | Connector | |
| 228 | 1001118387 | 1 | Terminal | |
| 229 | 1001116998 | 1 | Connector | |
| 230 | 1001118387 | 1 | Terminal | |
| 231 | 1001112612 | 1 | Connector | |
| 232 | 4460464 | 4 | Terminal | |
| 233 | 4460943 | 4 | Terminal | |
| 234 | 4460466 | 1 | Plug | |
| 235 | 1001137000 | 1 | Connector | |
| 236 | 4460928 | 3 | Terminal | |
| 237 | 1001126008 | 13 | Terminal | |
| 238 | 4460518 | 5 | Plug | |
| 239 | 1001136999 | 1 | Connector | |
| 240 | 1001126011 | 16 | Terminal | |
| 241 | 4460518 | 5 | Plug | |
| 242 | 4461262 | 1 | Connector | |
| 243 | 1001107854 | 2 | Terminal | |
| 244 | 1001104499 | 1 | Terminal | |
| 245 | 1001104498 | 2 | Terminal Seal | |
| 246 | 1001116986 | 1 | Connector | |
| 247 | 1001118384 | 3 | Terminal | |
| 248 | 1001116723 | 1 | Terminal | |
| 249 | 4460891 | 1 | Connector | |
| 250 | 4460465 | 2 | Terminal | |
| 251 | 4460944 | 1 | Connector | |
| 252 | 1001118384 | 2 | Terminal | |
| 253 | 4461115 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 254 | 4460746 | 2 | Terminal | |
| 255 | 4460458 | 2 | Terminal Seal | |
| 256 | 4461115 | 1 | Connector | |
| 257 | 4460746 | 2 | Terminal | |
| 258 | 4460458 | 2 | Terminal Seal | |
| 259 | 4461115 | 1 | Connector | |
| 260 | 4460746 | 2 | Terminal | |
| 261 | 4460458 | 2 | Terminal Seal | |
| 262 | 4461115 | 1 | Connector | |
| 263 | 4460746 | 2 | Terminal | |
| 264 | 4460458 | 2 | Terminal Seal | |
| 265 | 4460891 | 1 | Connector | |
| 266 | 4460465 | 2 | Terminal | |
| 267 | 4460539 | 1 | Connector | |
| 268 | 4460465 | 3 | Terminal | |
| 269 | 4460536 | 1 | Connector | |
| 270 | 4460464 | 2 | Terminal | |
| 271 | 4460466 | 1 | Plug | |
| 272 | 4460536 | 1 | Connector | |
| 273 | 4460464 | 2 | Terminal | |
| 274 | 4460466 | 1 | Plug | |
| 275 | 4460539 | 1 | Connector | |
| 276 | 4460465 | 3 | Terminal | |
| 277 | 4460539 | 1 | Connector | |
| 278 | 4460931 | 1 | Matting Connector | |
| 279 | 4460466 | 1 | Plug | |
| 280 | 4460465 | 3 | Terminal | |
| 281 | 4460539 | 1 | Connector | |
| 282 | 4460944 | 2 | Terminal | |
| 283 | 4460466 | 1 | Plug | |
| 284 | 1001116812 | 1 | Connector | |
| 285 | 4460944 | 2 | Terminal | |
| 286 | 4460466 | 1 | Plug | |
| 287 | 1001264844 | 1 | Connector | |
| 288 | 1001264861 | 2 | Terminal | |
| 301 | 4460466 | 8 | Plug | |
| 302 | 4460897 | 2 | Connector | |
| 303 | 4460931 | 1 | Connector | |
| 304 | 4460945 | 3 | Terminal | |
| 305 | 8220375 | 1 | Cap | |
| 306 | 1001008559 | 3 | Tie-Strap (Not Shown) | |
| 307 | 1001116815 | 3 | Connector | |
| 308 | 1001117011 | 1 | Connector | |
| 309 | 1001119020 | 1 | Connector | |
| 310 | 1001144296 | 1 | Cap | |
| 311 | 1001177597 | 3 | Diode Module | |

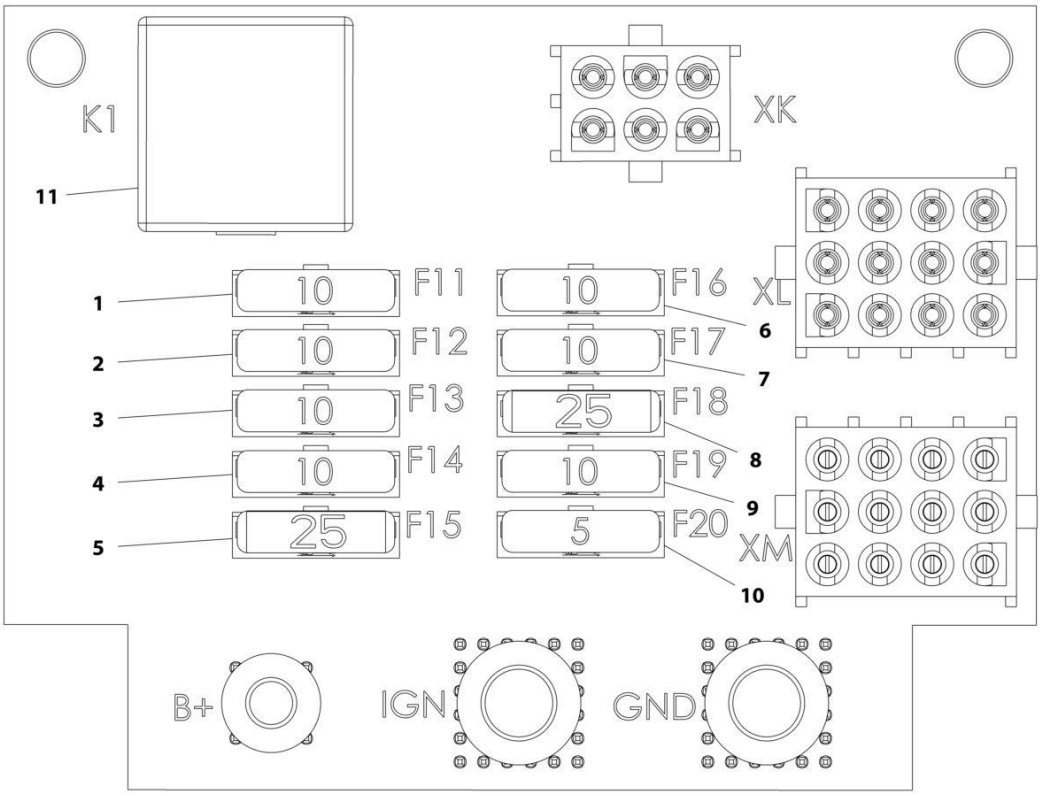
## FIGURE 10-24. CAB - STANDARD ELECTRICAL BOARD ASSEMBLY



## FIGURE 10-24. CAB - STANDARD ELECTRICAL BOARD ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001161769 | Ref | Standard Electrical Board Assembly | C |
| 1 | 80983191 | 1 | Fuse, 10AMP | |
| 2 | 8229245 | 1 | Fuse, 30AMP | |
| 3 | 80983191 | 1 | Fuse, 10AMP | |
| 4 | 8229242 | 1 | Fuse, 5AMP | |
| 5 | 8229242 | 1 | Fuse, 5AMP | |
| 6 | 8229242 | 1 | Fuse, 5AMP | |
| 7 | 8229242 | 1 | Fuse, 5AMP | |
| 8 | 80983191 | 1 | Fuse, 10AMP | |
| 9 | 80983191 | 1 | Fuse, 10AMP | |
| 10 | 8229242 | 1 | Fuse, 5AMP | |
| 11 | 70026292 | 1 | Fuse, 35AMP | |

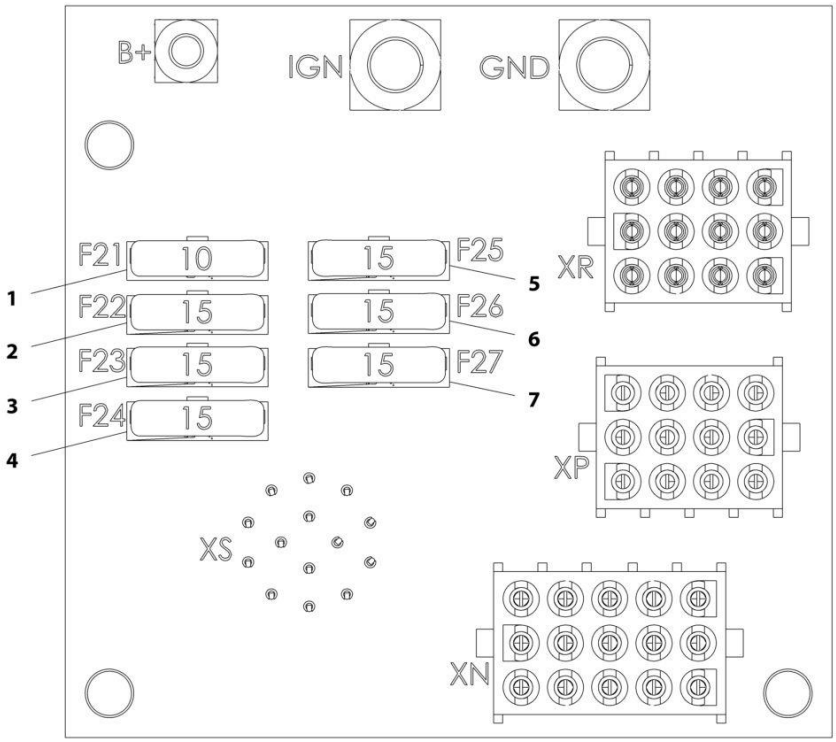
## FIGURE 10-25. CAB - OPTION 1 ELECTRICAL BOARD ASSEMBLY



## FIGURE 10-25. CAB - OPTION 1 ELECTRICAL BOARD ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001161770 | Ref | Option 1 Electrical Board Assembly | C |
| 1 | 80983191 | 1 | Fuse, 10AMP | |
| 2 | 80983191 | 1 | Fuse, 10AMP | |
| 3 | 80983191 | 1 | Fuse, 10AMP | |
| 4 | 80983191 | 1 | Fuse, 10AMP | |
| 5 | 8229247 | 1 | Fuse, 25AMP | |
| 6 | 80983191 | 1 | Fuse, 10AMP | |
| 7 | 80983191 | 1 | Fuse, 10AMP | |
| 8 | 8229247 | 1 | Fuse, 25AMP | |
| 9 | 80983191 | 1 | Fuse, 10AMP | |
| 10 | 8229242 | 1 | Fuse, 5AMP | |
| 11 | 70026293 | 1 | Fuse, 50AMP | |

## FIGURE 10-26. CAB - OPTION 2 ELECTRICAL BOARD ASSEMBLY

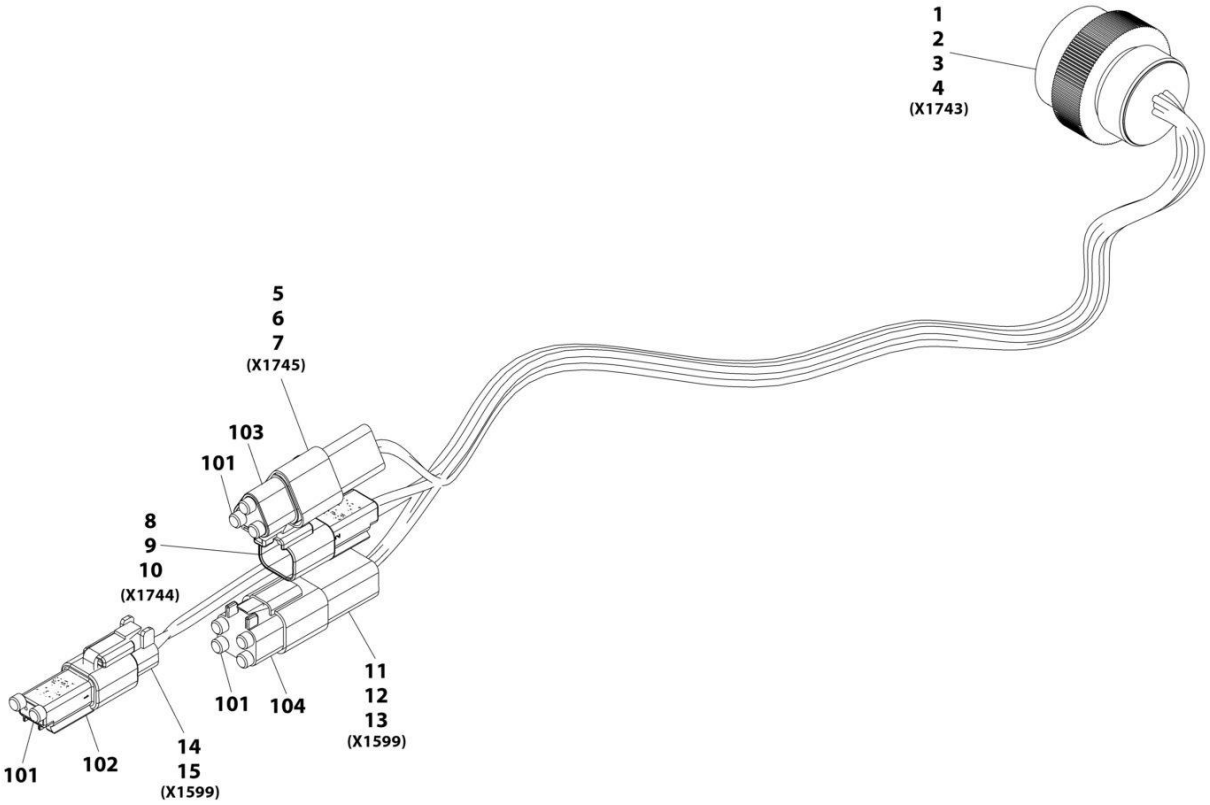



ART_1001161771-B

## FIGURE 10-26. CAB - OPTION 2 ELECTRICAL BOARD ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001161771 | Ref | Option 2 Electrical Board Assembly | B |
| 1 | 80983191 | 1 | Fuse, 10AMP | |
| 2 | 8229244 | 1 | Fuse, 15AMP | |
| 3 | 8229244 | 1 | Fuse, 15AMP | |
| 4 | 8229244 | 1 | Fuse, 15AMP | |
| 5 | 8229244 | 1 | Fuse, 15AMP | |
| 6 | 8229244 | 1 | Fuse, 15AMP | |
| 7 | 8229244 | 1 | Fuse, 15AMP | |

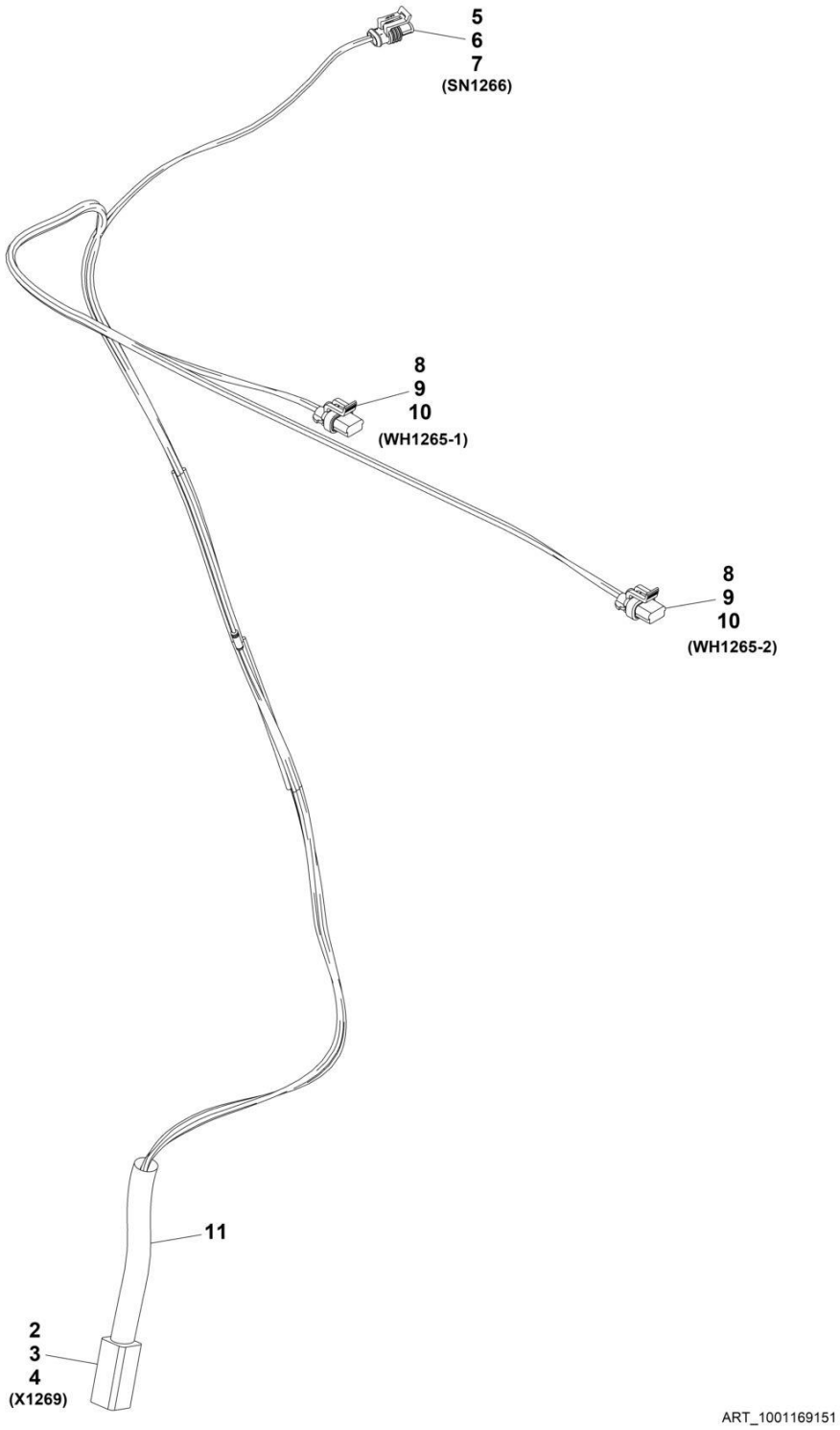
## FIGURE 10-27. CAB OPTION HARNESS



## FIGURE 10-27. CAB OPTION HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001258712 | Ref | Cab Option Harness | A |
| 1 | 4461015 | 1 | Connector | |
| 2 | 4460465 | 5 | Terminal | |
| 3 | 4460466 | 6 | Plug | |
| 4 | 4460942 | 1 | Terminal | |
| 5 | 1001144147 | 1 | Connector | |
| 6 | 4460943 | 2 | Terminal | |
| 7 | 4460466 | 1 | Plug | |
| 8 | 4460897 | 1 | Connector | |
| 9 | 4460941 | 1 | Terminal | |
| 10 | 4460466 | 1 | Plug | |
| 11 | 4460932 | 1 | Connector | |
| 12 | 4460464 | 3 | Terminal | |
| 13 | 4460466 | 1 | Plug | |
| 14 | 4460891 | 1 | Plug, Male | |
| 15 | 4460465 | 2 | Socket, Female | |
| 101 | 4460466 | 9 | Plug, Terminal | |
| 102 | 4460884 | 1 | Plug, Male - 4 Position | |
| 103 | 1001116812 | 1 | Plug, Male - 3 Position | |
| 104 | 4460897 | 2 | Plug, Male - 2 Position | |

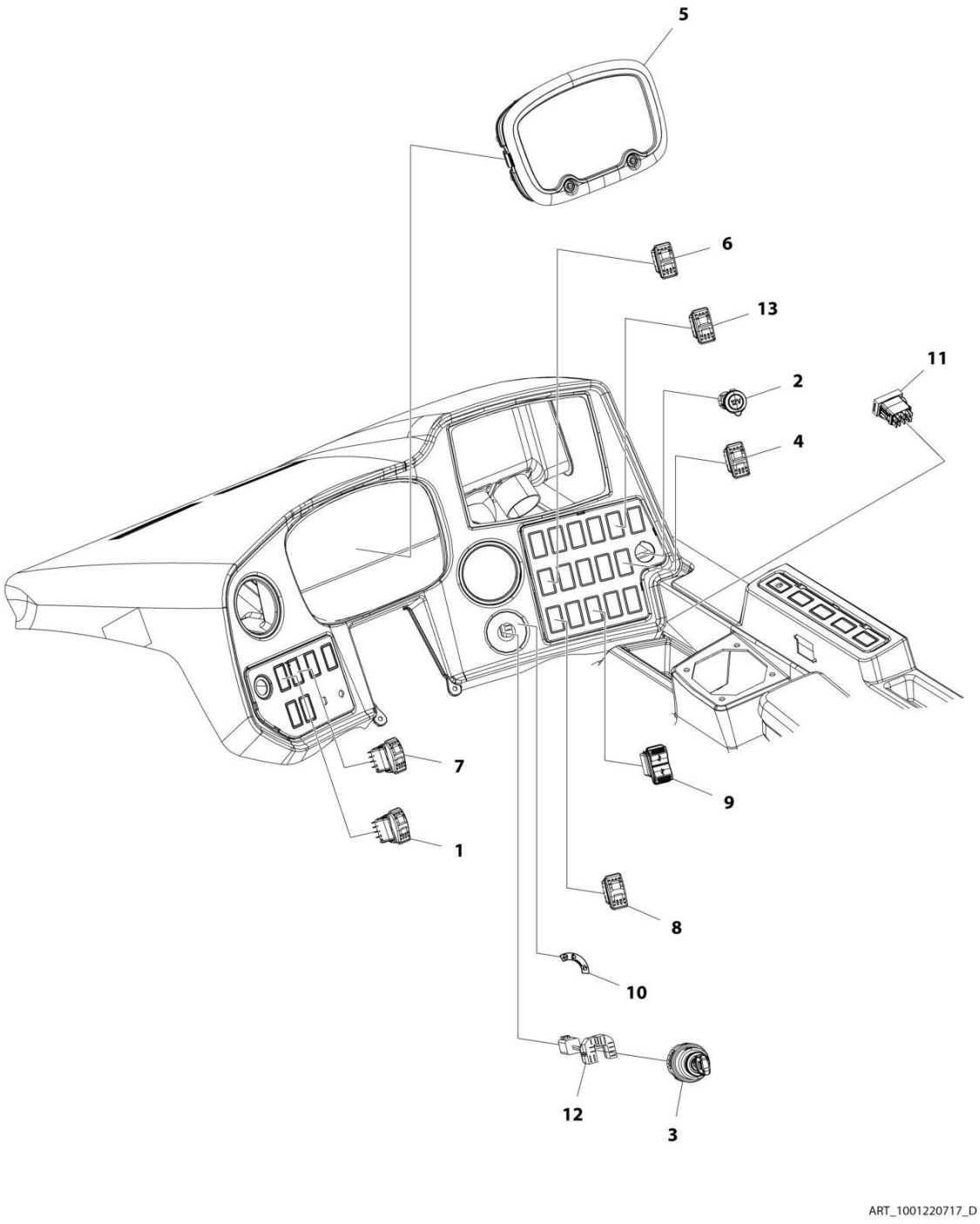
## FIGURE 10-28. CAB - A/C OPTION HARNESS



## FIGURE 10-28. CAB - A/C OPTION HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169151 | Ref | A/C Option Harness | G |
| 2 | 4460899 | 1 | Connector | |
| 3 | 4460941 | 4 | Terminal | |
| 4 | 4460464 | 2 | Terminal | |
| 5 | 4461118 | 1 | Connector | |
| 6 | 1001107854 | 2 | Terminal | |
| 7 | 1001116763 | 2 | Seal | |
| 8 | 1001117021 | 2 | Connector | |
| 9 | 1001116747 | 4 | Terminal | |
| 10 | 4460789 | 4 | Seal | |
| 11 | 70028546 | 1 | Backshell | |

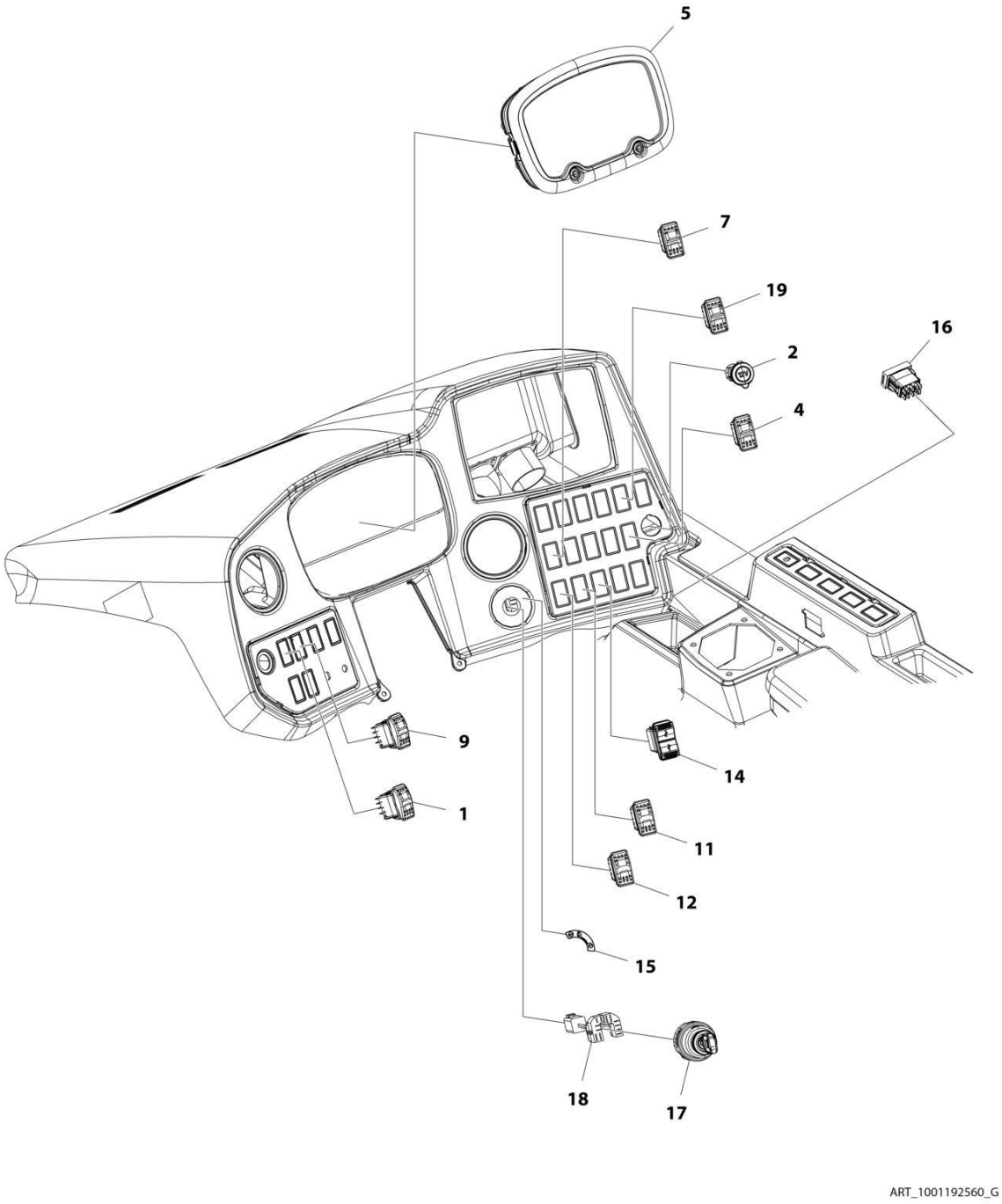
## FIGURE 10-29. CAB - DASH ELECTRICAL INSTALLATION (1732)



## FIGURE 10-29. CAB - DASH ELECTRICAL INSTALLATION (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220717 | Ref | DASH ELECTRICAL INSTALLATION | D |
| 1 | 1001080978 | 1 | Switch, Lift/Loader | |
| 2 | 1001095804 | 1 | Connector, 12V Power Socket | |
| 3 | 1001102502 | 1 | Switch, 4 Position Key | |
| 3 | 70022765 | 1 | Key, Ignition (set of 2) | |
| 4 | 1001104654 | 1 | Switch, AUX Decomp | |
| 5 | 1001158146 | 1 | Cluster, Electrical Gauge | |
| 6 | 1001159735 | 1 | Switch, Rear Wiper | |
| 7 | 1001159741 | 1 | Switch, Constant AUX | |
| 8 | 1001159849 | 1 | Switch, Steer Mode | |
| 9 | 1001174712 | 1 | Charger, USB | |
| 10 | 1001181531 | 1 | Decal, Ignition Switch | |
| 11 | 1001212470 | 1 | Switch, Frame Level | |
| 12 | 1001223968 | 1 | Harness, Ignition Switch (See Separate Breakdown in this Section) | |
| 13 | 1001285715 | 1 | Switch, Beacon | |

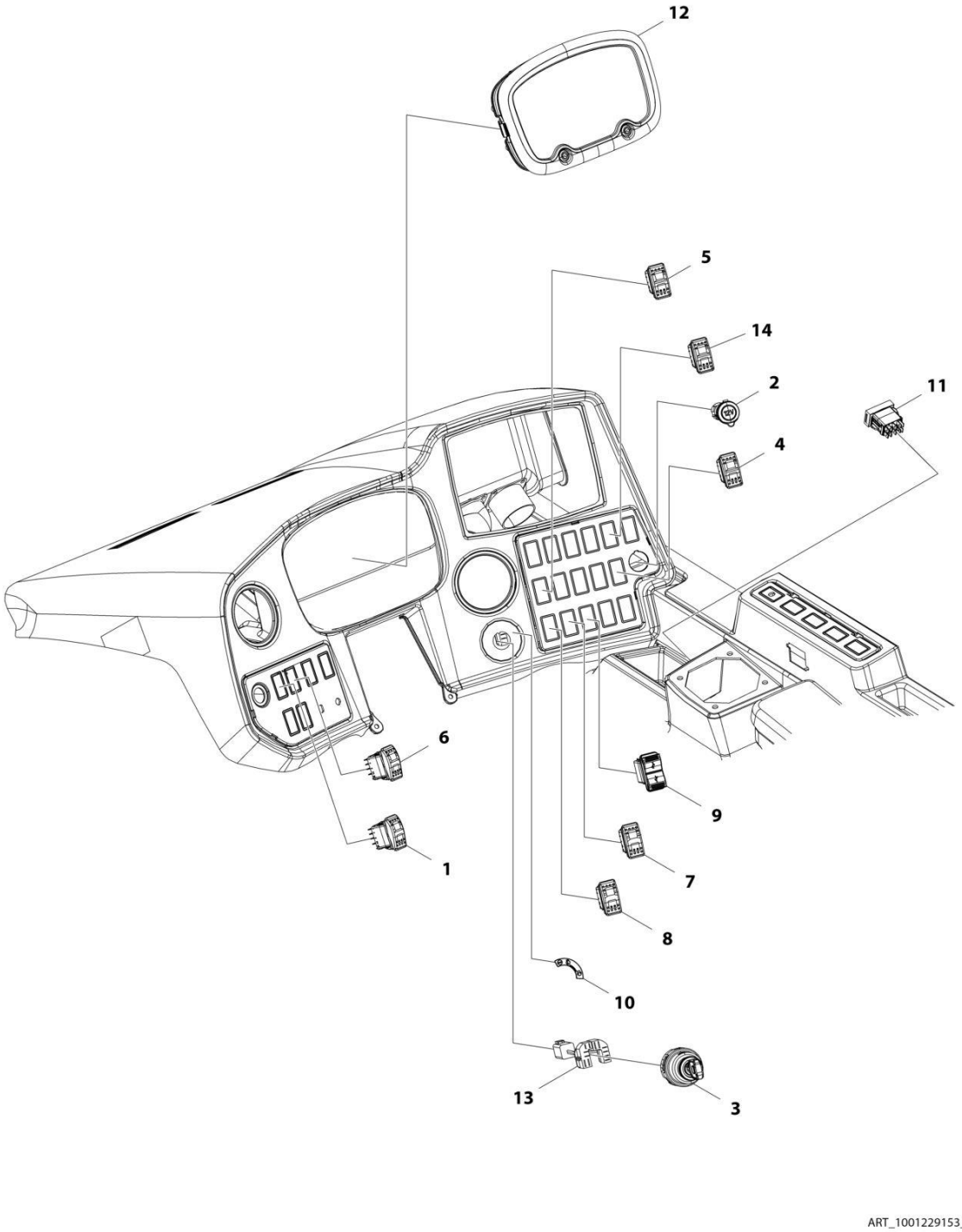
## FIGURE 10-30. CAB - DASH ELECTRICAL INSTALLATION (8010)



## FIGURE 10-30. CAB - DASH ELECTRICAL INSTALLATION (8010)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192560 | Ref | DASH ELECTRICAL INSTALLATION | G |
| 1 | 1001080978 | 1 | Switch, Lift/Loader | |
| 2 | 1001095804 | 1 | Connector, 12V Power Socket | |
| 4 | 1001104654 | 1 | Switch, Aux Decomp | |
| 5 | 1001158146 | 1 | Cluster, Electrical Gauge | |
| 7 | 1001159735 | 1 | Switch, Rear Wiper | |
| 9 | 1001159741 | 1 | Switch, Constant AUX | |
| 11 | 1001159743 | 1 | Switch, Road Use | |
| 12 | 1001159849 | 1 | Switch, Steer Mode | |
| 14 | 1001174712 | 1 | Charger, USB | |
| 15 | 1001181531 | 1 | Decal, Ignition Switch | |
| 16 | 1001212470 | 1 | Switch, Frame Level | |
| 17 | 1001102502 | 1 | Switch, 4 Position Key | |
| 17 | 70022765 | 1 | Key, Ignition (set of 2) | |
| 18 | 1001223968 | 1 | Harness, Ignition Switch (See Separate Breakdown in this Section) | |
| 19 | 1001285715 | 1 | Switch, Beacon | |

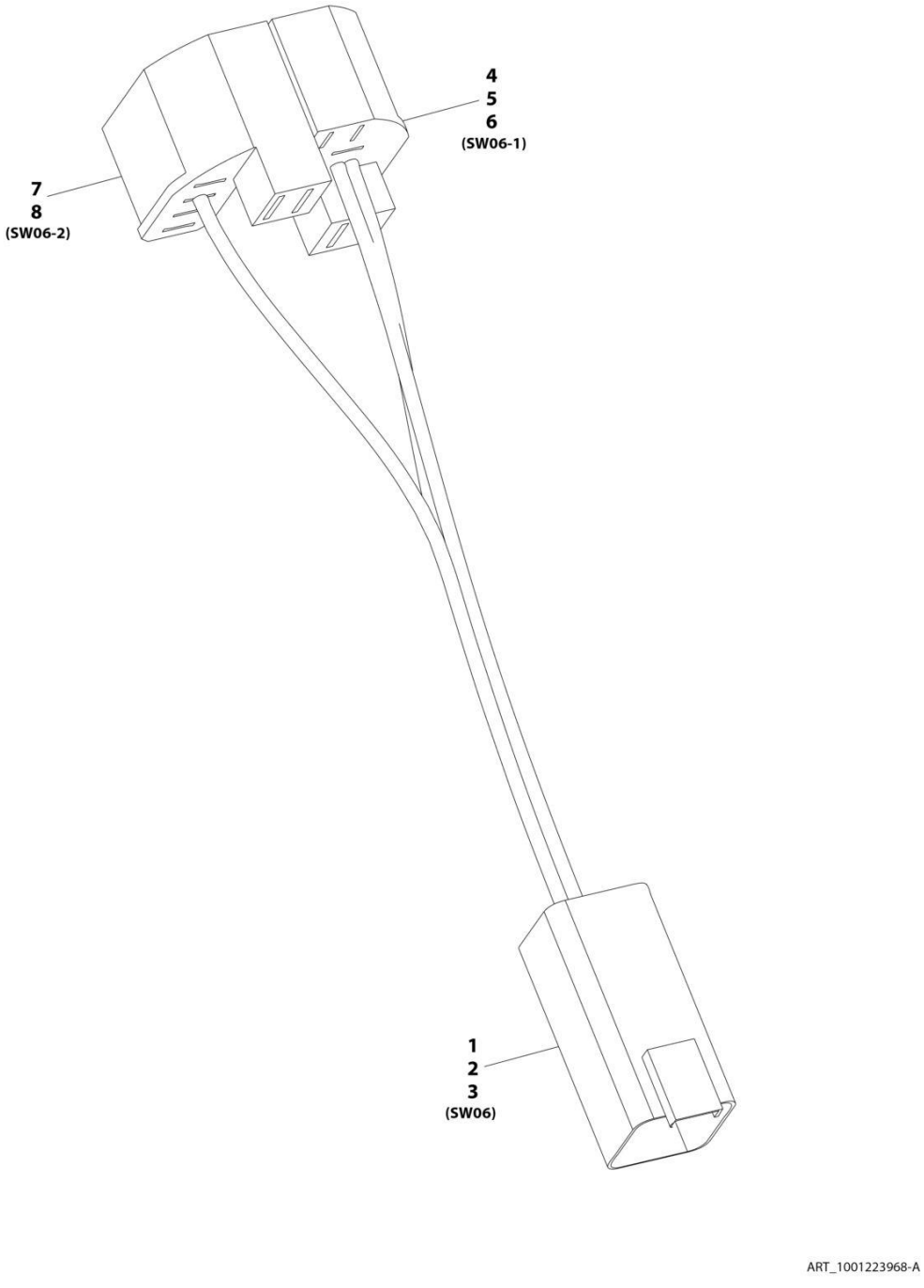
## FIGURE 10-31. CAB - DASH ELECTRICAL INSTALLATION (LRC)



## FIGURE 10-31. CAB - DASH ELECTRICAL INSTALLATION (LRC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001229153 | Ref | DASH ELECTRICAL INSTALLATION (LRC) | B |
| 1 | 1001080978 | 1 | Switch, Lift/Loader | |
| 2 | 1001095804 | 1 | Connector, 12V Power Socket | |
| 3 | 1001102502 | 1 | Switch, 4 Position Key | |
| 4 | 1001104654 | 1 | Switch, AUX Decomp | |
| 5 | 1001159735 | 1 | Switch, Rear Wiper | |
| 6 | 1001159741 | 1 | Switch, Constant AUX | |
| 7 | 1001159743 | 1 | Switch, Road Use | |
| 8 | 1001159849 | 1 | Switch, Steer Mode | |
| 9 | 1001174712 | 1 | Charger, USB | |
| 10 | 1001181531 | 1 | Decal, Ignition Switch | |
| 11 | 1001189876 | 1 | Switch, Frame Level | |
| 12 | 1001202454 | 1 | Cluster, Electrical Gauge | |
| 13 | 1001223968 | 1 | Harness, Ignition Switch (See Separate Breakdown in this Section) | |
| 14 | 1001285715 | 1 | Switch, Beacon | |

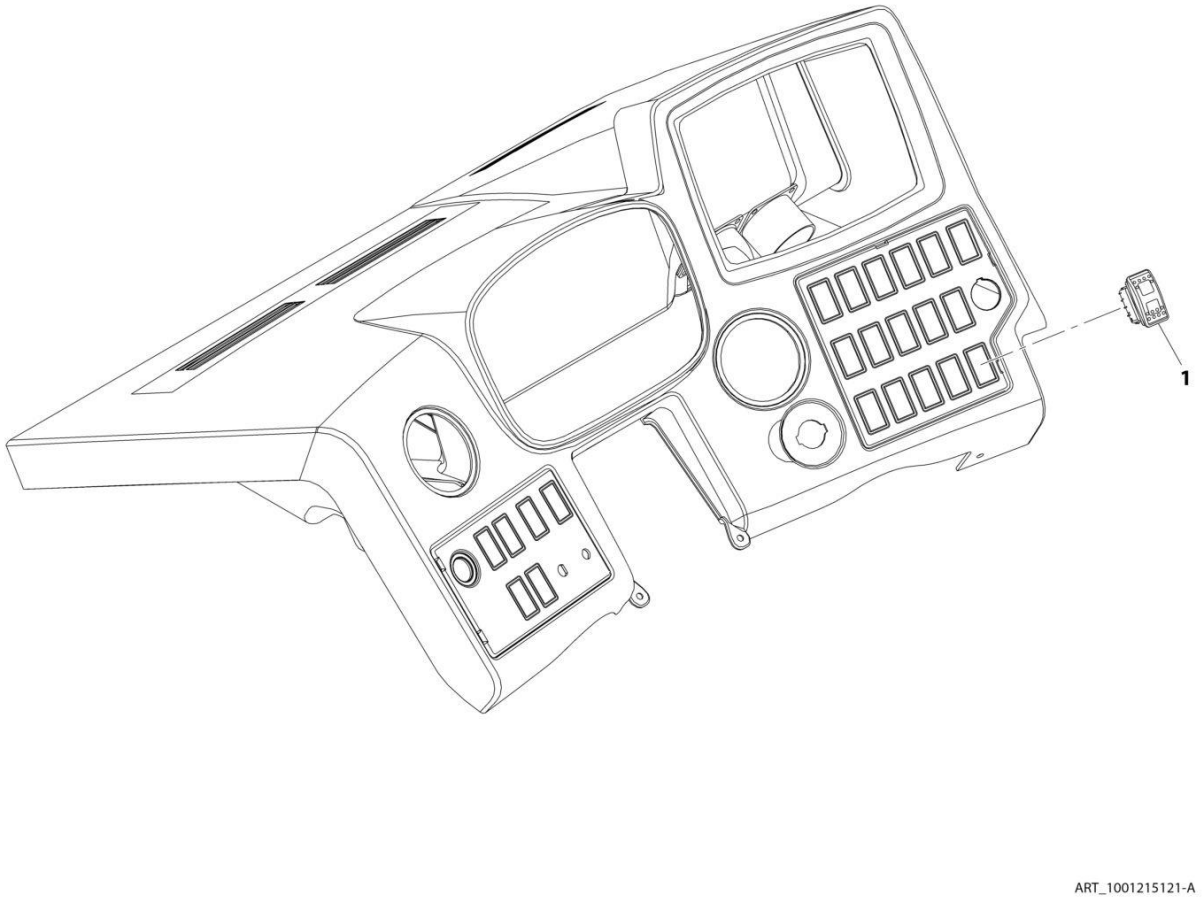
## FIGURE 10-32. CAB - IGNITION SWITCH HARNESS



## FIGURE 10-32. CAB - IGNITION SWITCH HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223968 | Ref | Ignition Switch Harness | A |
| 1 | 4460899 | 1 | Connector | |
| 2 | 4460464 | 3 | Terminal | |
| 3 | 4460466 | 3 | Plug | |
| 4 | 1001118685 | 1 | Connector | |
| 5 | 1001104519 | 1 | Terminal | |
| 6 | 1001118383 | 1 | Terminal | |
| 7 | 1001117121 | 1 | Connector | |
| 8 | 1001104519 | 1 | Terminal | |

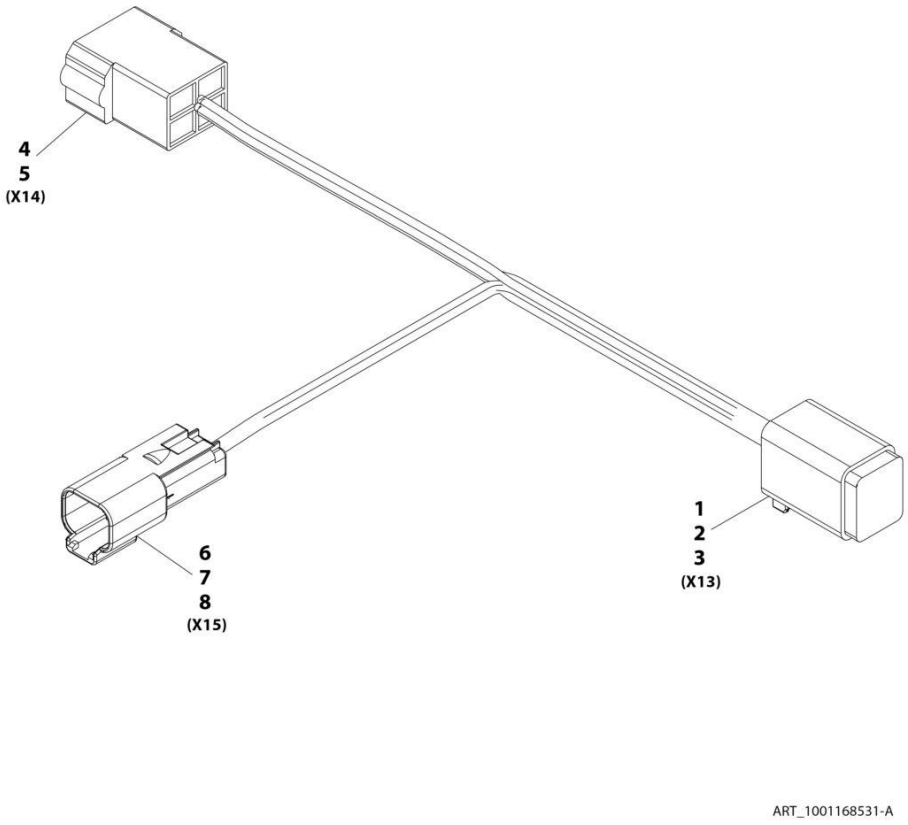
## FIGURE 10-33. CAB - LIGHT SWITCH INSTALLATION



## FIGURE 10-33. CAB - LIGHT SWITCH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001215121 | Ref | Light Switch Installation | A |
| 1 | 1001163639 | 1 | Switch, Light | |

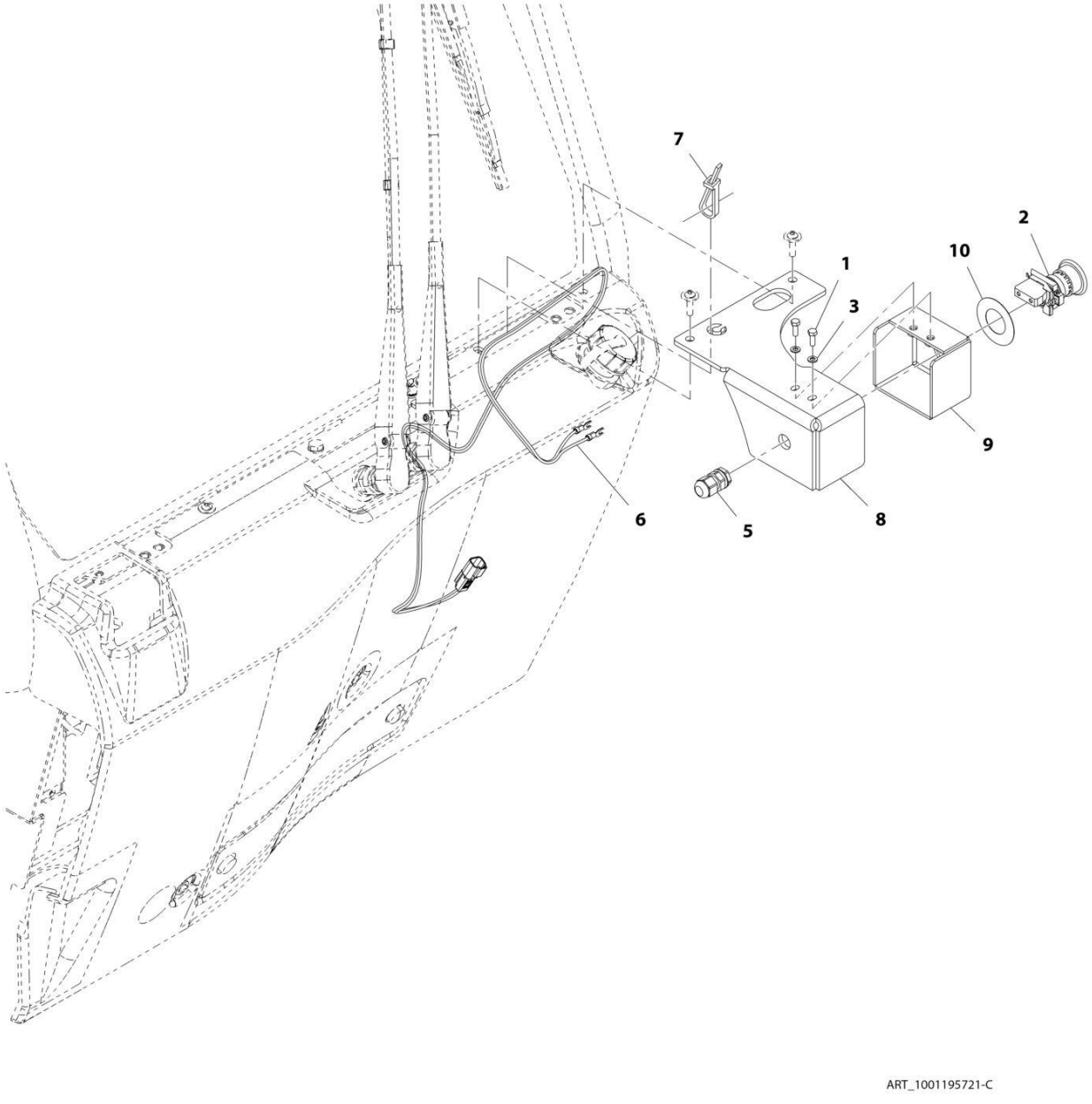
## FIGURE 10-34. CAB - SEAT ADAPTOR HARNESS



## FIGURE 10-34. CAB - SEAT ADAPTOR HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001168531 | Ref | Seat Adaptor Harness | A |
| 1 | 4460894 | 1 | Connector | |
| 2 | 91504107 | 1 | Lock, Connector | |
| 3 | 4460465 | 6 | Terminal | |
| 4 | 1001117011 | 1 | Connector | |
| 5 | 1001116700 | 3 | Terminal | |
| 6 | 4460897 | 1 | Connector | |
| 7 | 80604017 | 1 | Lock, Connector | |
| 8 | 4460943 | 2 | Terminal | |

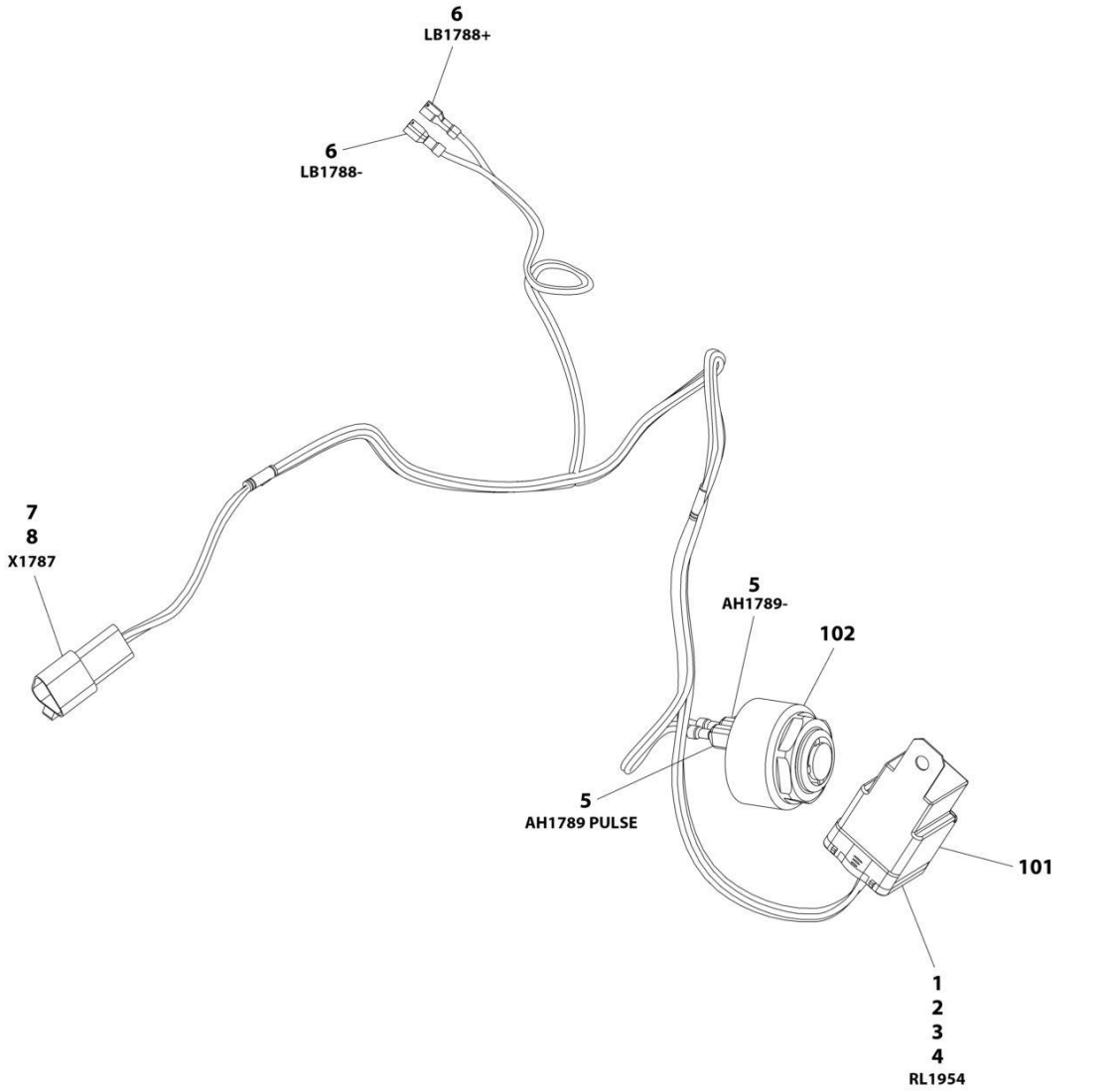
## FIGURE 10-35. CAB - EXTERNAL EMERGENCY STOP INSTALLATION



## FIGURE 10-35. CAB - EXTERNAL EMERGENCY STOP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195721 | Ref | Emergency Stop External Installation | C |
| 1 | 0760507 | 2 | Bolt, M5X14 | |
| 2 | 4360475 | 1 | Switch, E-Stop | |
| 3 | 4811600 | 2 | Washer, M5 | |
| 5 | 4461000 | 1 | Connector | |
| 6 | 1001217320 | 1 | Harness, External EMS | |
| 7 | 1001008559 | 1 | Strap, Tie | |
| 8 | 1001220859 | 1 | Bracket | |
| 9 | 1001220861 | 1 | Shield | |
| 10 | 1704260 | 1 | Decal, EMS | |

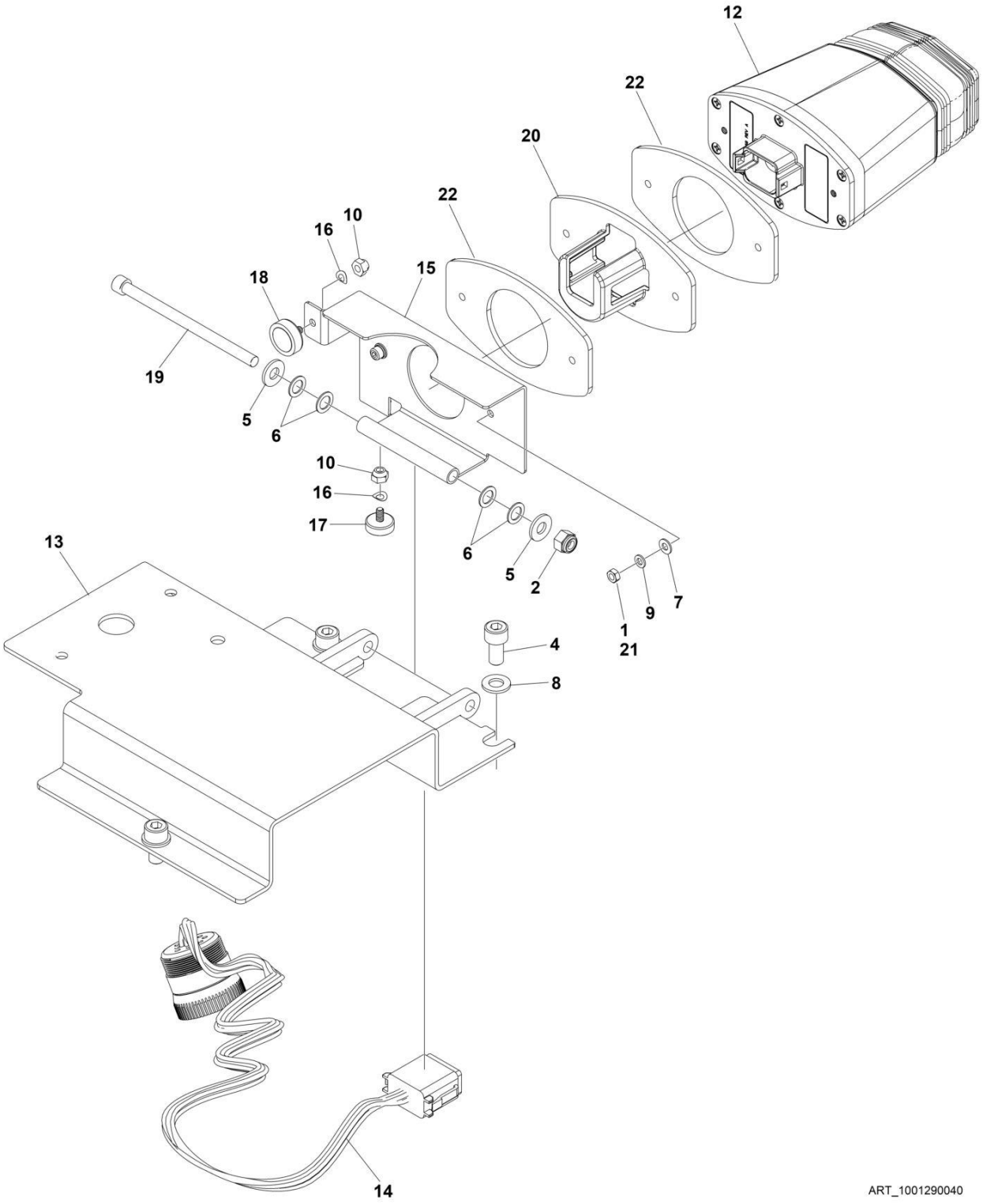
## FIGURE 10-36. CAB SEAT BELT ALARM HARNESS



## FIGURE 10-36. CAB SEAT BELT ALARM HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001268744 | Ref | SEAT BELT ALARAM HARNESS | B |
| 1 | 1001231398 | 1 | Connector | |
| 2 | 1001231400 | 4 | Terminal | |
| 3 | 1001231406 | 1 | Terminal | |
| 4 | 1001231404 | 4 | Plug | |
| 5 | 1001194421 | 2 | Terminal | |
| 6 | 1001201885 | 2 | Terminal | |
| 7 | 4460536 | 1 | Connector | |
| 8 | 4460464 | 3 | Terminal | |
| 101 | 3740080 | 1 | Relay, Weather Proof | |
| 102 | 1001091751 | 1 | Buzzer Alarm | |

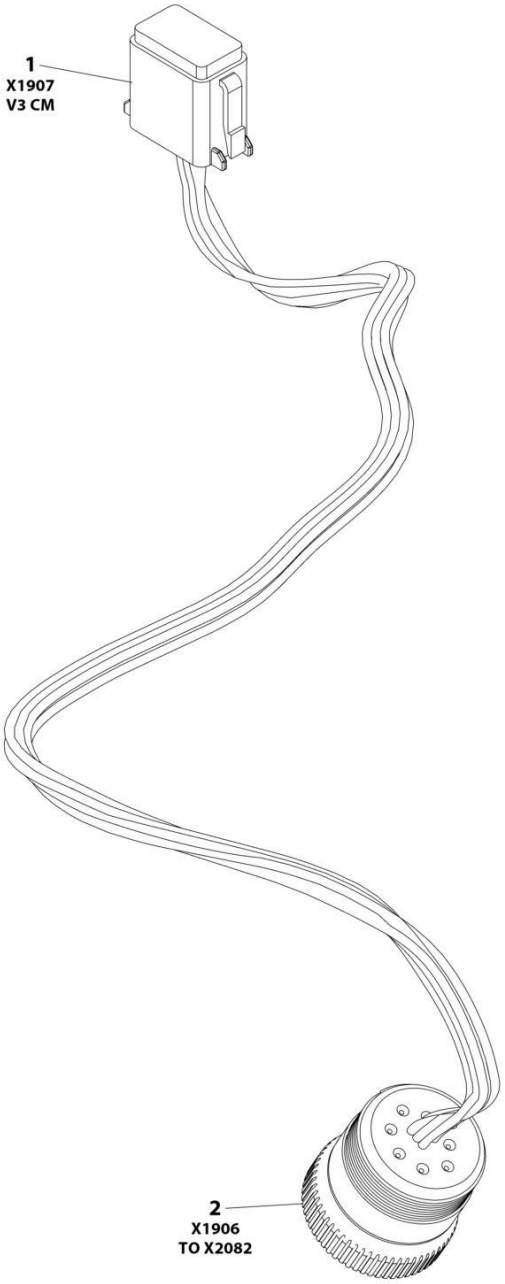
## FIGURE 10-37. CLEARSKY INSTALLATION



## FIGURE 10-37. CLEARSKY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001290040 | Ref | CLEARSKY INSTALLATION | B |
| 1 | 0100011 | AR | Compound, Locking | |
| 2 | 3300449 | 1 | Nut 1/4 | |
| 4 | 4031907 | 3 | Capscrew M8 x 16 | |
| 5 | 4711400 | 2 | Washer 1/4 | |
| 6 | 4740428 | 4 | Washer 5/16 | |
| 7 | 4811400 | 2 | Washer M4 | |
| 8 | 4811900 | 3 | Washer M8 | |
| 9 | 4831400 | 2 | Washer, M4 | |
| 10 | 8310410 | 2 | Nut #8 | |
| 11 | 1001146588 | AR | Tie-Strap (Not Shown) | |
| 12 | 1001280661 | 1 | Module, ClearSky | |
| 13 | 1001286599 | 1 | Bracket, ClearSky Mounting | |
| 14 | 1001286941 | 1 | Harness, ClearSky (See Separate Breakdown in this Section) | |
| 15 | 1001289060 | 1 | Mount, ClearSky Pivot | |
| 16 | 1001289299 | 2 | Washer #8 | |
| 17 | 1001289300 | 1 | Magnet, Studded (16mm Diameter) | |
| 18 | 1001289301 | 1 | Magnet, Studded (20mm Diameter) | |
| 19 | 1001289647 | 1 | Capscrew 1/4 x 4 | |
| 20 | 1001289648 | 1 | Plate, Anti-Tamper | |
| 21 | 3290401 | 2 | Nut, M4 | |
| 22 | 1001291056 | 2 | Gasket, ClearSky CS550 | |

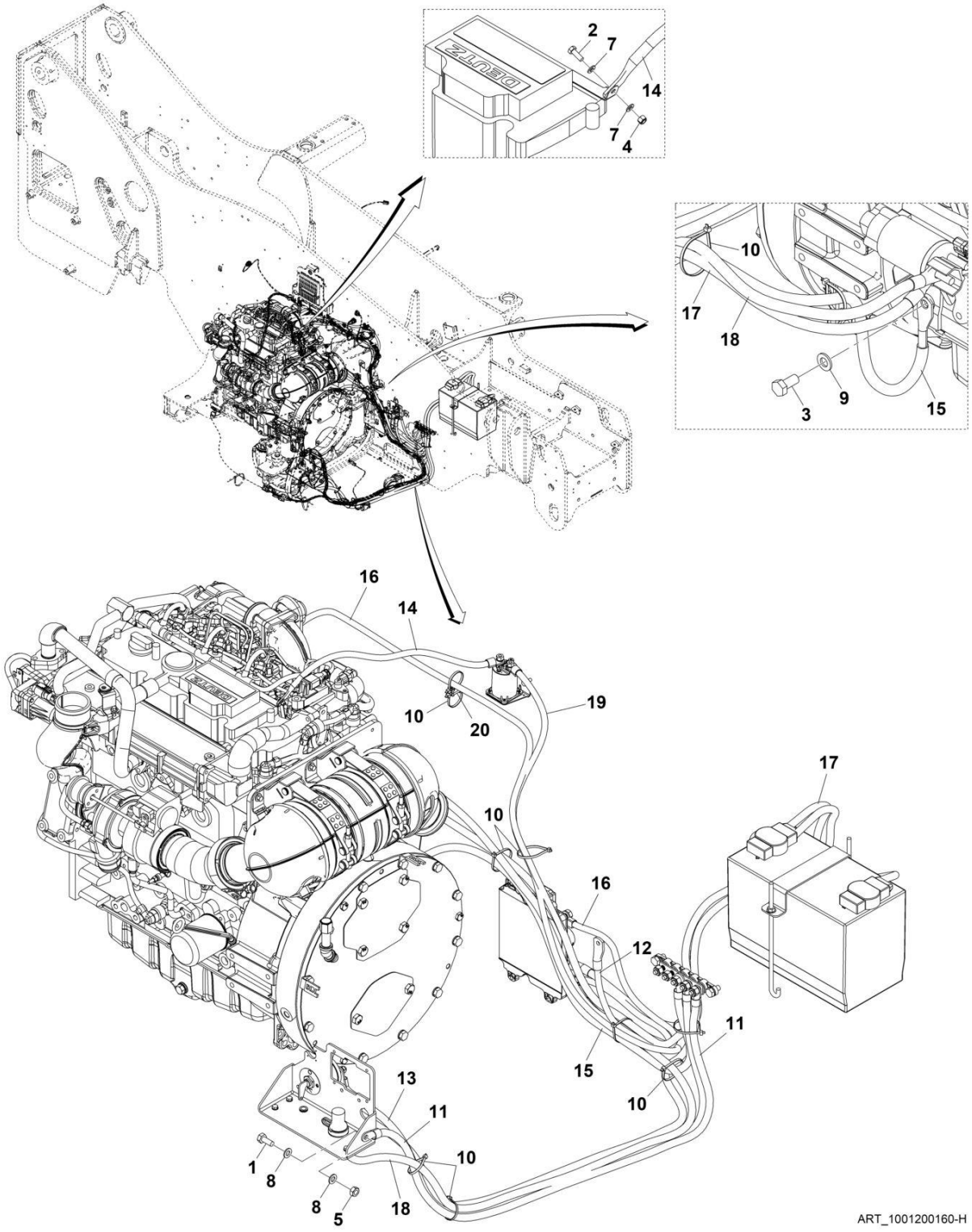
## FIGURE 10-38. CLEARSKY HARNESS



## FIGURE 10-38. CLEARSKY HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001286941 | Ref | CLEARSKY HARNESS | A |
| 1 | 4460930 | 1 | Connector | |
| 1 | 4460465 | 8 | Socket | |
| 2 | 1001112796 | 1 | Connector | |
| 2 | 4460465 | 8 | Socket | |
| 2 | 4460466 | 1 | Plug | |

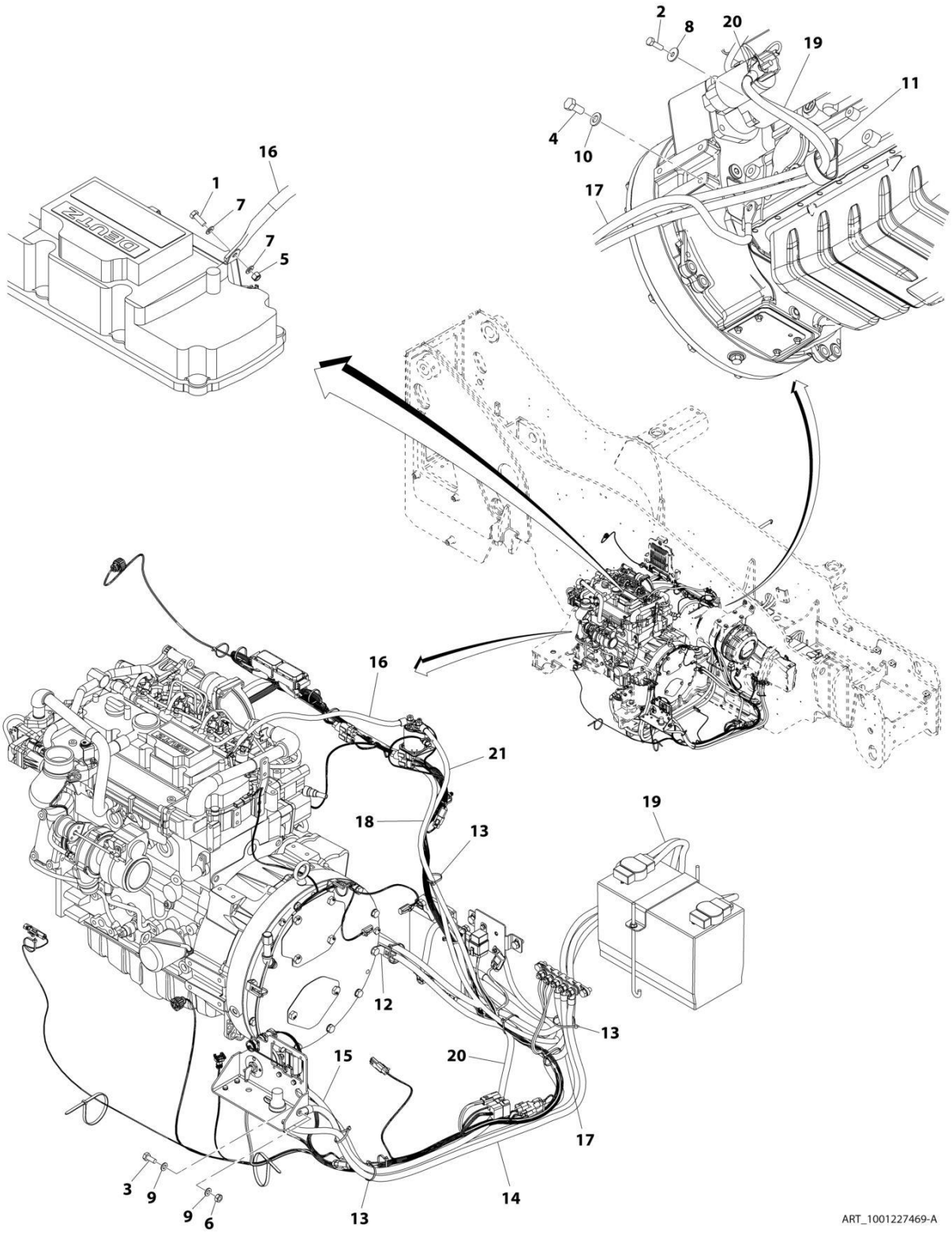
## FIGURE 10-39. ENGINE - ENGINE BAY ELECTRICAL INSTALLATION (ULS)



## FIGURE 10-39. ENGINE - ENGINE BAY ELECTRICAL INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200160 | Ref | Engine Bay Electrical Installation | I |
| 1 | 0761012 | 1 | Bolt, M10X25 | |
| 2 | 0760507 | 1 | Bolt, M5X14 | |
| 3 | 0761212 | 1 | Bolt, M12X25 | |
| 4 | 3290505 | 1 | Nut, Lock M5X0.8 | |
| 5 | 3291001 | 1 | Nut, M10X1.5 | |
| 7 | 4811600 | 2 | Washer, M5 | |
| 8 | 4812000 | 2 | Washer, M10 | |
| 9 | 4812100 | 1 | Washer, M12 | |
| 10 | 1001008559 | 10 | Tie, Strap | |
| 11 | 1001194103 | 1 | Cable | |
| 12 | 1001194244 | 1 | Cable | |
| 13 | 1001196502 | 1 | Cable | |
| 14 | 1001200161 | 1 | Cable | |
| 15 | 1001200162 | 1 | Cable | |
| 16 | 1001200164 | 1 | Cable | |
| 17 | 1001200165 | 1 | Cable | |
| 18 | 1001200166 | 1 | Cable | |
| 19 | 1001200167 | 1 | Cable | |
| 20 | 1001004723 | 1 | Saddle | |
| 21 | 1001293972 | 1 | Cable, ECM Power (Not Shown) | |

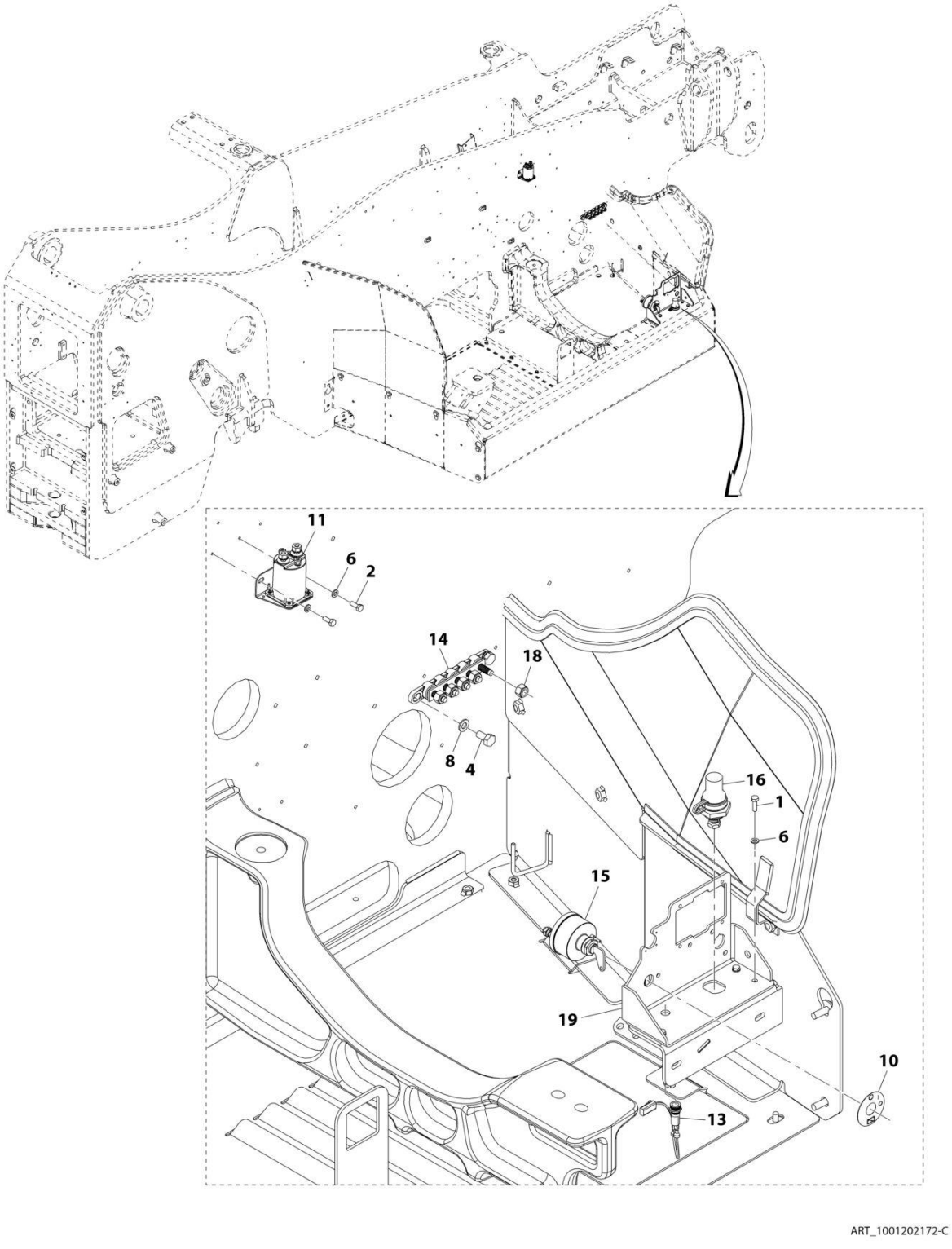
## FIGURE 10-40. ENGINE - ENGINE BAY ELECTRICAL INSTALLATION (LS)



## FIGURE 10-40. ENGINE - ENGINE BAY ELECTRICAL INSTALLATION (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001227469 | Ref | Engine Bay Electrical Installation | B |
| 1 | 0760507 | 1 | Bolt, M5X14 | |
| 2 | 0760812 | 1 | Bolt, M8X25 | |
| 3 | 0761012 | 1 | Bolt, M10X25 | |
| 4 | 0761212 | 1 | Bolt, M12X25 | |
| 5 | 3290505 | 1 | Nut, Lock M5X0.8 Grade 8 | |
| 6 | 3291001 | 1 | Nut, M10X1.5 Grade 8 | |
| 7 | 4811600 | 2 | Washer, M5 | |
| 8 | 4811902 | 1 | Washer, M8 | |
| 9 | 4812000 | 2 | Washer, M10 | |
| 10 | 4812100 | 1 | Washer, M12 | |
| 11 | 85941018 | 1 | Clamp | |
| 12 | 1001003305 | 1 | Clip | |
| 13 | 1001008559 | 7 | Tie, Strap | |
| 14 | 1001194103 | 1 | Cable | |
| 15 | 1001196502 | 1 | Cable | |
| 16 | 1001200161 | 1 | Cable | |
| 17 | 1001200162 | 1 | Cable | |
| 18 | 1001200164 | 1 | Cable | |
| 19 | 1001200165 | 1 | Cable | |
| 20 | 1001200166 | 1 | Cable | |
| 21 | 1001200167 | 1 | Cable | |
| 22 | 1001293972 | 1 | Cable, ECM Power (Not Shown) | |

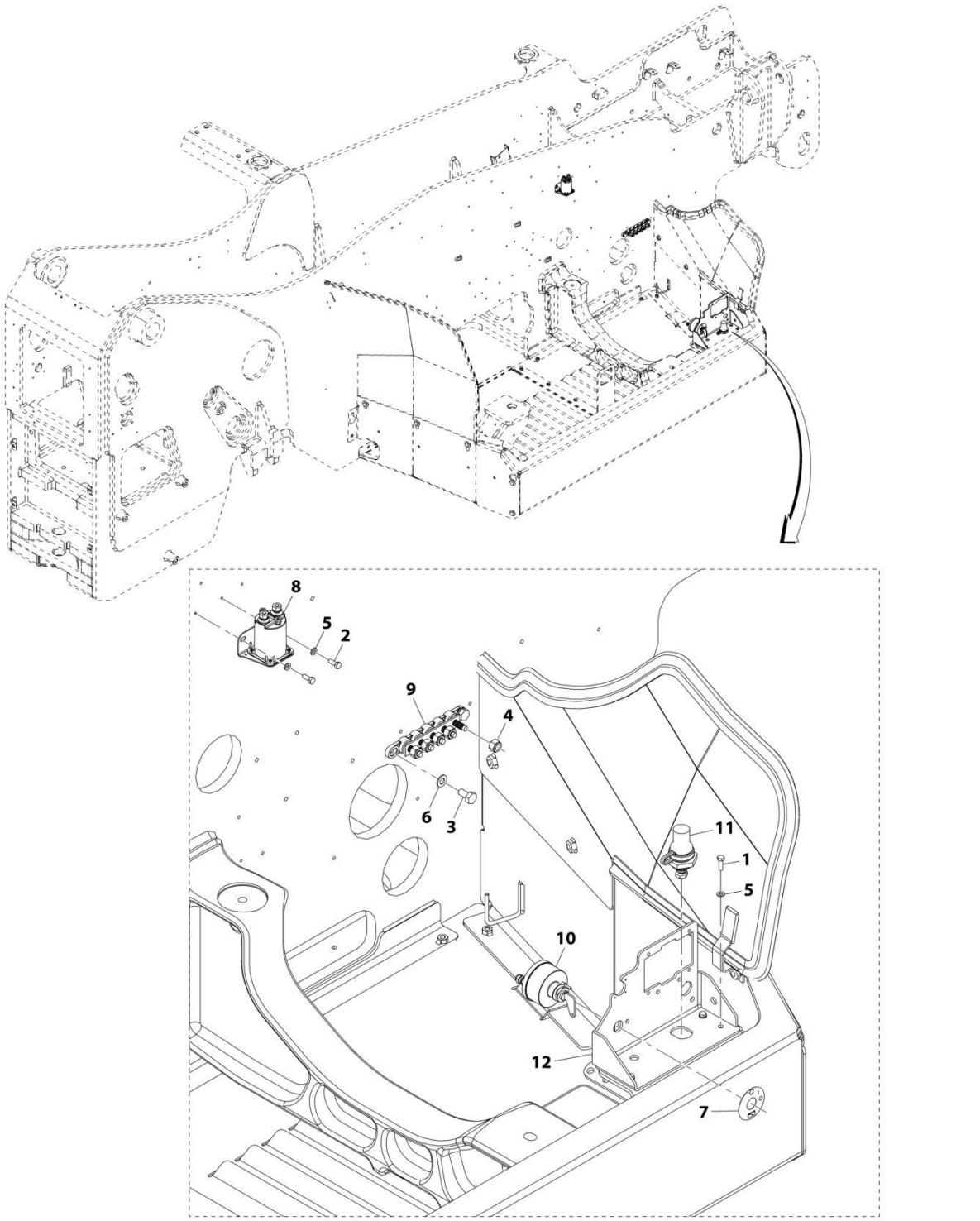
## FIGURE 10-41. ENGINE - ENGINE POD ELECTRICAL INSTALLATION (ULS)



## FIGURE 10-41. ENGINE - ENGINE POD ELECTRICAL INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202172 | Ref | Engine Pod Electrical Installation (ULS) | C |
| 1 | 0700610 | 4 | Bolt, M6X20 | |
| 2 | 0760608 | 2 | Bolt, M6X16 | |
| 4 | 0761010 | 2 | Bolt, M10X20 | |
| 6 | 4811700 | 6 | Washer, M6 | |
| 8 | 4812000 | 2 | Washer, M10 | |
| 10 | 1001008540 | 1 | Plate | |
| 11 | 1001117308 | 1 | Relay | |
| 13 | 1001232288 | 1 | Harness, DEF Purge Light (See Separate Breakdown in this Section) | |
| 14 | 1001181128 | 1 | Bussbar | |
| 15 | 1001192142 | 1 | Switch, Disconnect | |
| 16 | 1001193993 | 1 | Terminal, Battery | |
| 18 | 3291005 | 5 | Nut, Lock M10X1.5 | |
| 19 | 1001212886 | 1 | Bracket | |

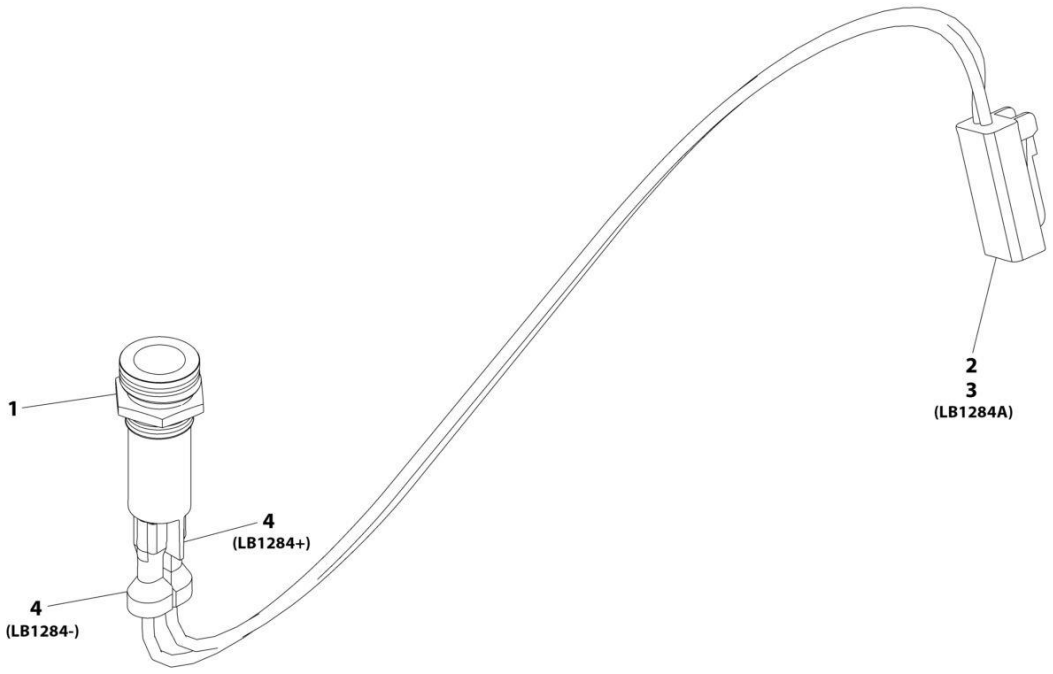
## FIGURE 10-42. ENGINE - ENGINE POD ELECTRICAL INSTALLATION (LS)



## FIGURE 10-42. ENGINE - ENGINE POD ELECTRICAL INSTALLATION (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223066 | Ref | Engine Pod Electrical Installation (LS) | A |
| 1 | 0700610 | 4 | Bolt, M6X20 | |
| 2 | 0760608 | 2 | Bolt, M6X16 | |
| 3 | 0761010 | 2 | Bolt, M10X20 | |
| 4 | 3291005 | 5 | Nut, Lock M10X1.5 | |
| 5 | 4811700 | 6 | Washer, M6 | |
| 6 | 4812000 | 2 | Washer, M10 | |
| 7 | 1001008540 | 1 | Plate | |
| 8 | 1001117308 | 1 | Relay | |
| 9 | 1001181128 | 1 | Bussbar | |
| 10 | 1001192142 | 1 | Switch, Disconnect | |
| 11 | 1001193993 | 1 | Stud, Terminal | |
| 12 | 1001212886 | 1 | Bracket | |

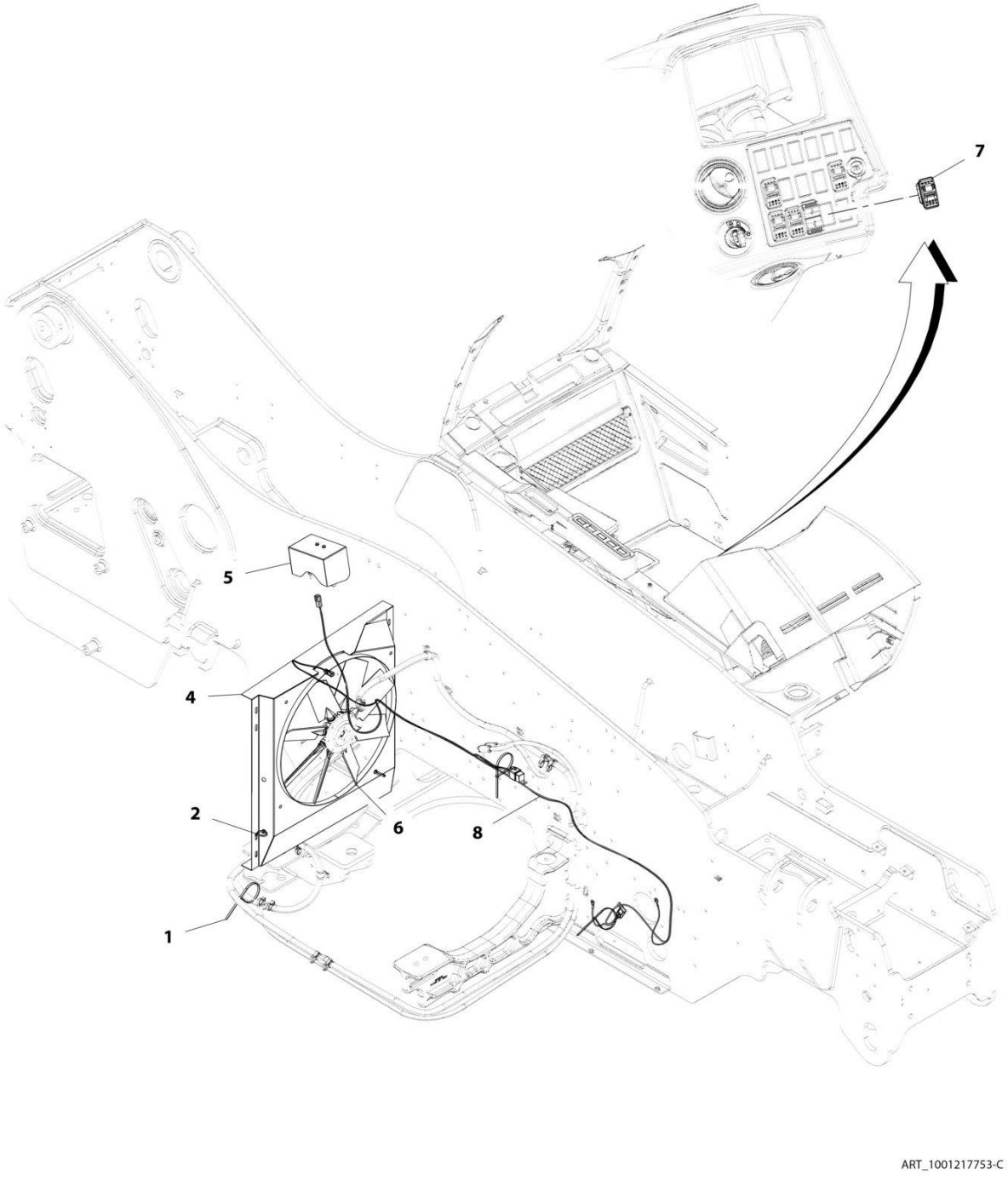
## FIGURE 10-43. ENGINE - DEF PURGE LIGHT HARNESS



## FIGURE 10-43. ENGINE - DEF PURGE LIGHT HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001232288 | Ref | DEF Purge Light Harness | A |
| 1 | 1001169825 | 1 | LED Lamp 12V | |
| 2 | 4461290 | 1 | Connector | |
| 3 | 1001126008 | 2 | Terminal | |
| 4 | 8220108 | 2 | Connector | |

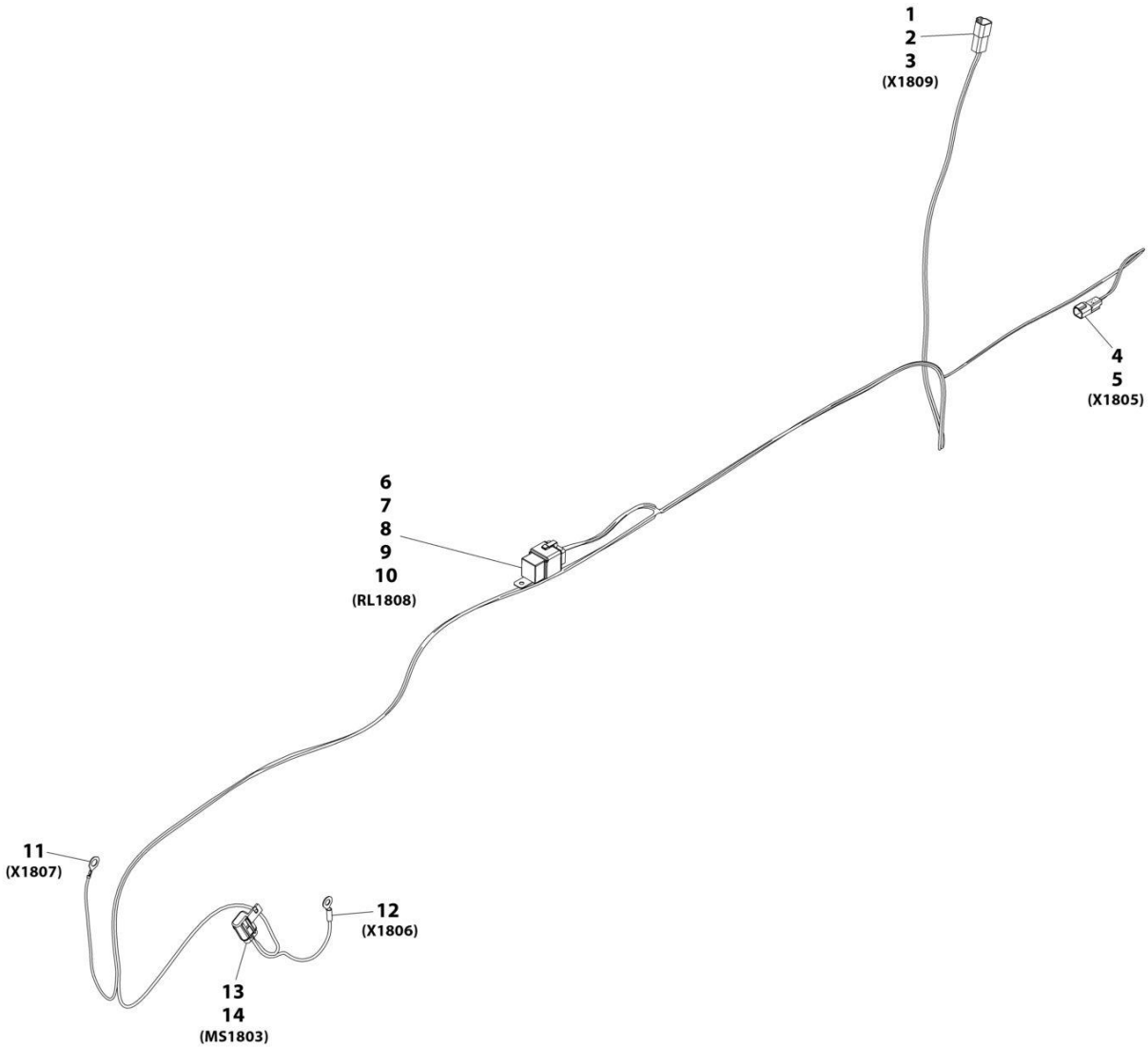
## FIGURE 10-44. ENGINE - FAN (REVERSE COOLING) INSTALLATION



## FIGURE 10-44. ENGINE - FAN (REVERSE COOLING) INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217753 | Ref | Reverse Cooling Fan Installation | C |
| 1 | 1062255 | 3 | Strap, Tie | |
| 2 | 1001146588 | 2 | Strap, Fir Tree Cable Tie | |
| 4 | 1001217756 | 1 | Shroud | |
| 5 | 1001217757 | 1 | Installation, Cover (See Separate Breakdown in this Section) | |
| 6 | 1001217760 | 1 | Kit, Reversing Fan | |
| 6 | 70030353 | 1 | Pneumatic Line | |
| 6 | 70030355 | 1 | Fan, Reverse | |
| 6 | 70030356 | 1 | Compressor | |
| 7 | 1001145204 | 1 | Switch | |
| 8 | 1001221493 | 1 | Harness, Reversing Fan (See Separate Breakdown in ELECTRICAL Section) | |

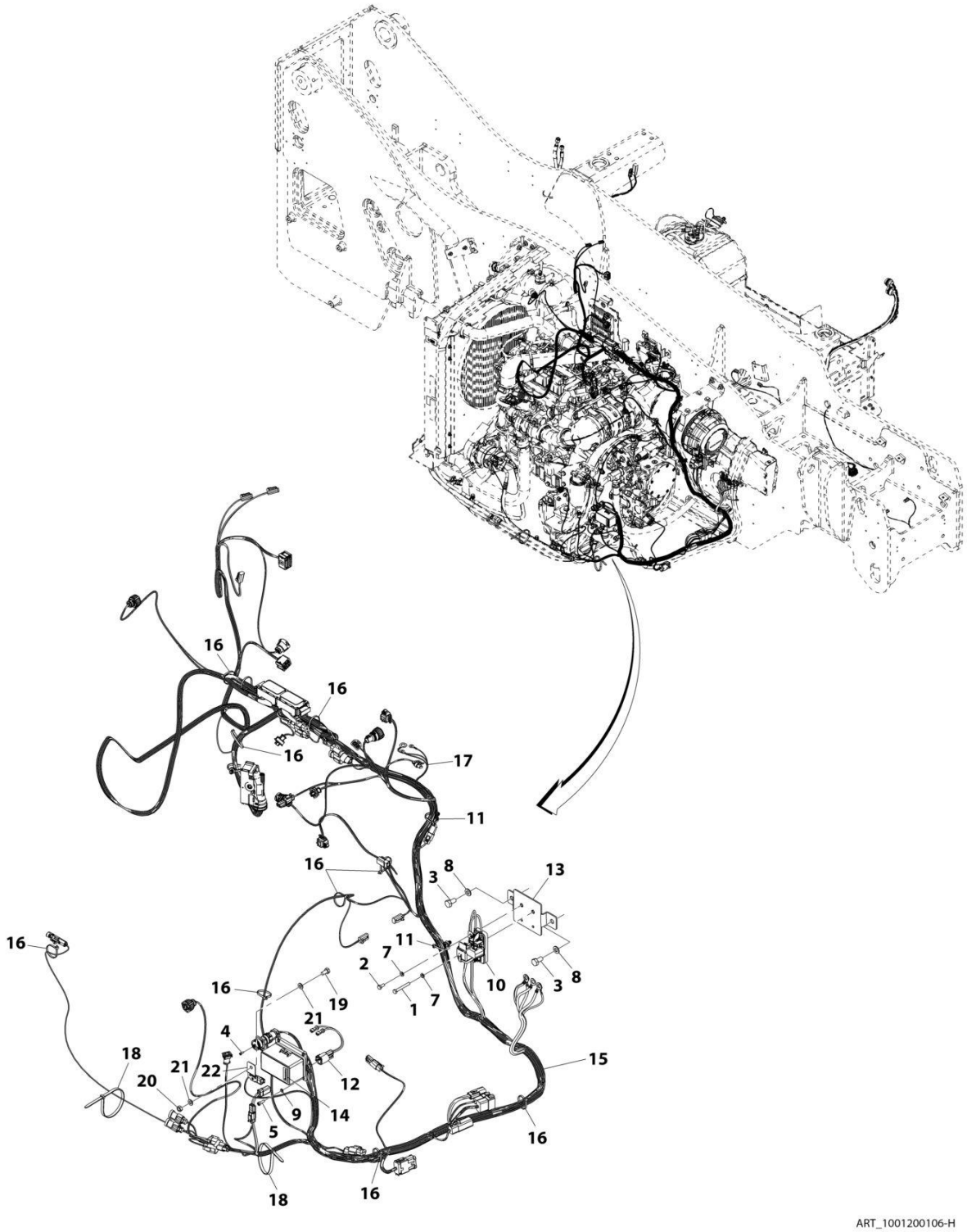
## FIGURE 10-45. ENGINE - FAN (REVERSE COOLING) HARNESS



## FIGURE 10-45. ENGINE - FAN (REVERSE COOLING) HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001221493 | Ref | Reversing Fan Harness | B |
| 1 | 4460932 | 1 | Connector | |
| 2 | 4460941 | 2 | Terminal | |
| 3 | 4460466 | 2 | Plug | |
| 4 | 4460897 | 1 | Connector | |
| 5 | 4460464 | 2 | Terminal | |
| 6 | 1001118282 | 1 | Connector | |
| 7 | 1001116734 | 1 | Terminal | |
| 8 | 1001116732 | 2 | Terminal | |
| 9 | 1001128128 | 1 | Plug | |
| 10 | 1001116733 | 1 | Terminal | |
| 11 | 1001187078 | 1 | Ring Terminal | |
| 12 | 8220045 | 1 | Ring Terminal | |
| 13 | 1001117024 | 1 | Connector | |
| 14 | 1001116734 | 2 | Terminal | |

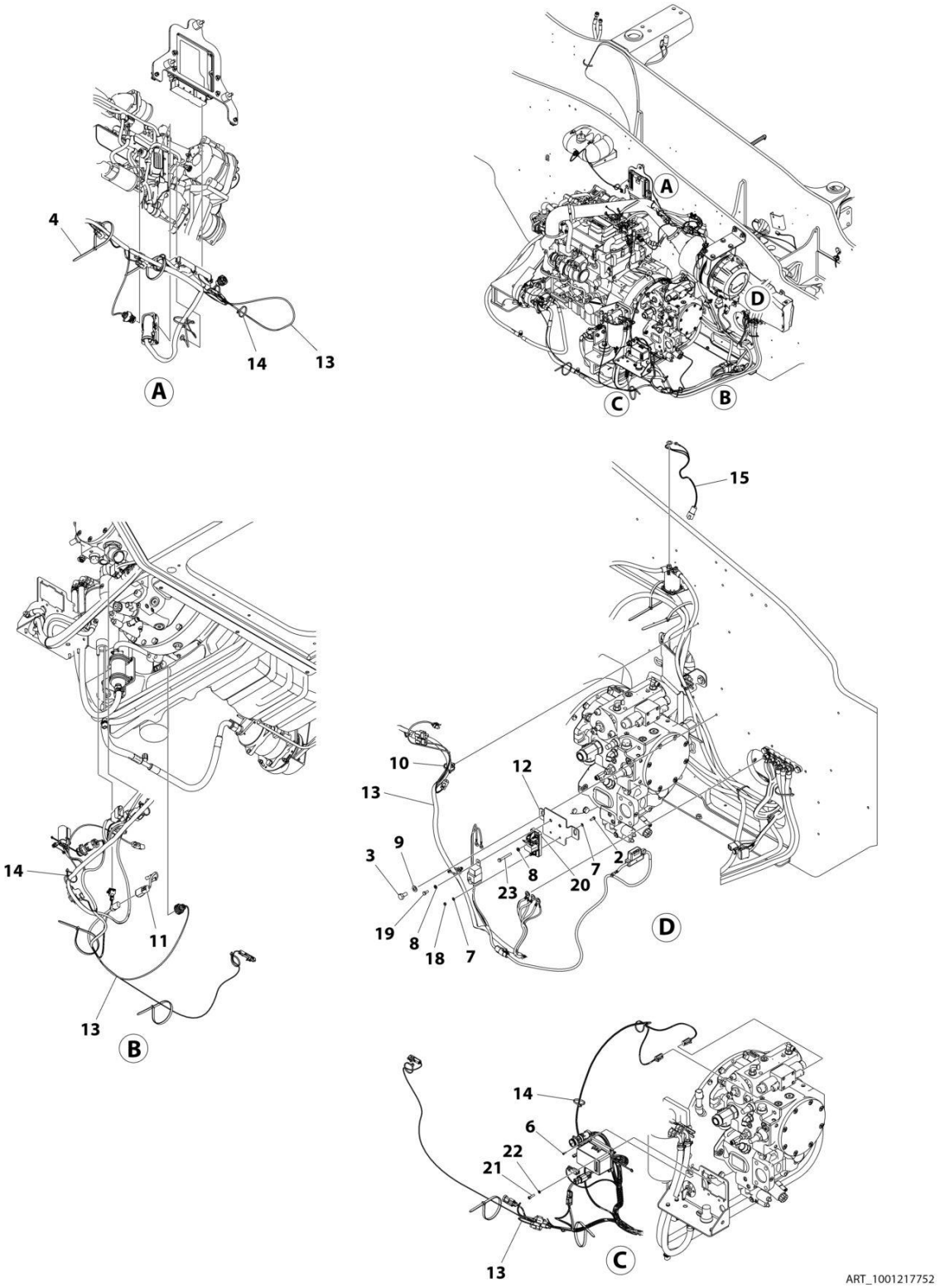
## FIGURE 10-46. ENGINE WIRING INSTALLATION (ULS)



## FIGURE 10-46. ENGINE WIRING INSTALLATION (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200106 | Ref | Engine Wiring Installation (ULS) | I |
| 1 | 0700618 | 1 | Bolt, M6X50 | |
| 2 | 0760607 | 1 | Bolt, M6X14 | |
| 3 | 0761010 | 2 | Bolt M10X20 | |
| 4 | 4031205 | 3 | Bolt, M3X10 | |
| 5 | 4031607 | 4 | Bolt, M5-0.8X16 | |
| 7 | 4811700 | 2 | Washer, M6 | |
| 8 | 4812000 | 2 | Washer, M10 | |
| 9 | 4831600 | 4 | Washer, Lock M5 | |
| 10 | 1001131177 | 1 | Fuse | |
| 11 | 1001146588 | 3 | Strap, Cable Tie | |
| 12 | 1001182929 | 1 | Harness, Fuel Pump (See Separate Breakdown in this Section) | |
| 13 | 1001189046 | 1 | Bracket | |
| 14 | 1001191546 | 1 | Decal, Fuse | |
| 15 | 1001285934 | 1 | Harness, Engine (See Separate Breakdown in this Section) | |
| 16 | 1001008559 | 11 | Strap, Cable | |
| 17 | 1001182930 | 1 | Harness, Glow Plug Relay (See Separate Breakdown in this Section) | |
| 18 | 1062255 | 2 | Strap, Tie | |
| 19 | 0700808 | 1 | Bolt, M8X16 | |
| 20 | 3290801 | 1 | Nut, M8X1.25 | |
| 21 | 4811900 | 2 | Washer, M8 | |
| 22 | 1001153749 | 1 | Clip | |
| 23 | 1001293972 | 1 | Cable, ECM Power (Not Shown) | |

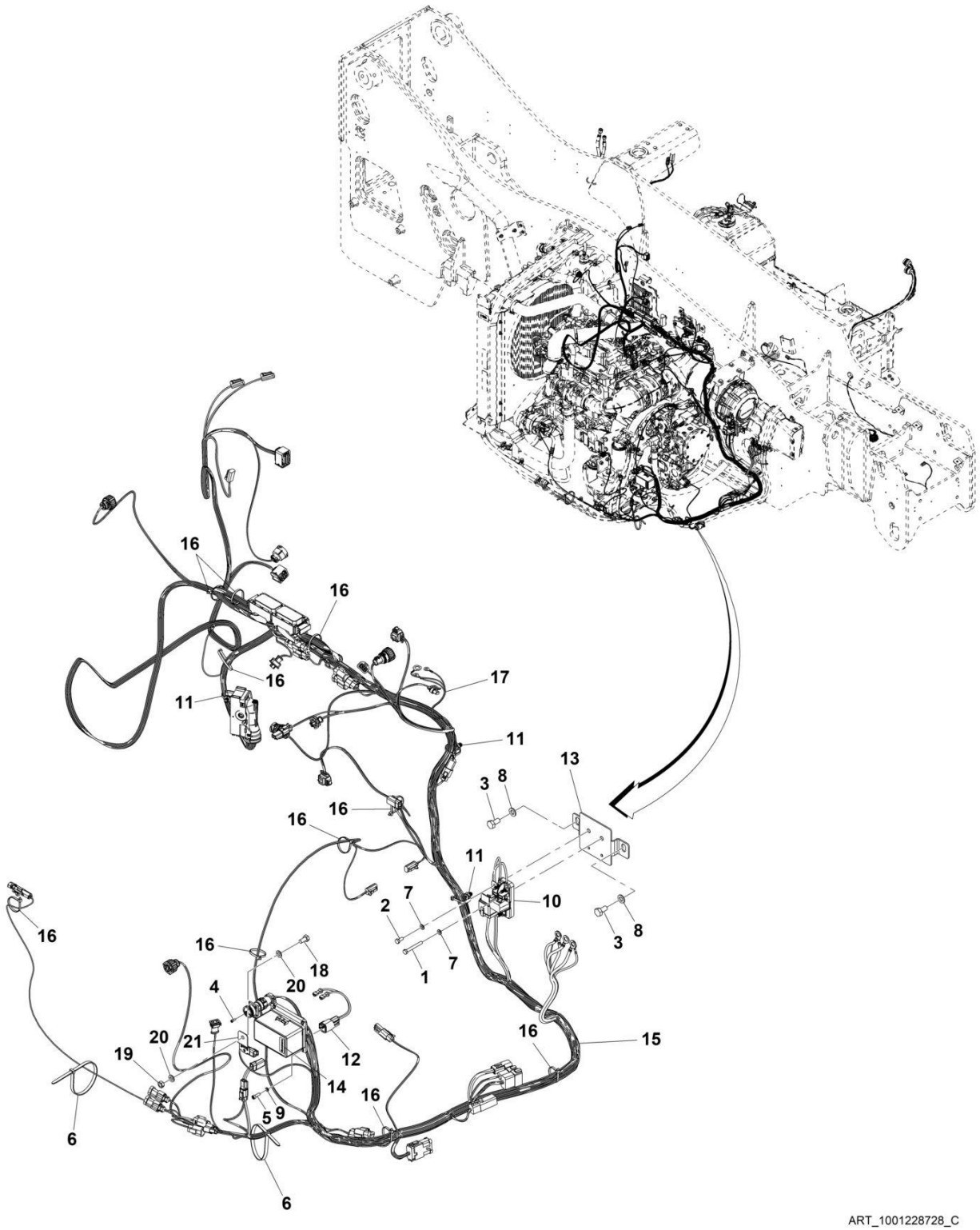
## FIGURE 10-47. ENGINE WIRING INSTALLATION (LS)



## FIGURE 10-47. ENGINE WIRING INSTALLATION (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217752 | Ref | ENGINE WIRING INSTALLATION | D |
| 2 | 0760507 | 1 | Bolt M5 x 14 | |
| 3 | 0761010 | 2 | Bolt M10 x 20 | |
| 4 | 1062255 | 2 | Strap, Tie | |
| 6 | 4031205 | 3 | Bolt M3 x 10 | |
| 7 | 4811600 | 2 | Washer M5 | |
| 8 | 4811700 | 2 | Washer M6 | |
| 9 | 4812000 | 2 | Washer M10 | |
| 10 | 1001146588 | 2 | Strap, Cable Tie | |
| 11 | 1001182929 | 1 | Harness, Fuel Pump (See Separate Breakdown in this Section) | |
| 12 | 1001189046 | 1 | Bracket | |
| 13 | 1001285934 | 1 | Harness, Engine (LS) (See Separate Breakdown in this Section) | |
| 14 | 1001008559 | 10 | Strap, Cable | |
| 15 | 1001182930 | 1 | Harness, Glow Plug Relay (See Separate Breakdown in this Section) | |
| 18 | 3290501 | 1 | Nut M5 | |
| 19 | 0760607 | 1 | Bolt M6 x 14 | |
| 20 | 1001131177 | 1 | Fuse | |
| 21 | 4031608 | 4 | Bolt M5 x 20 | |
| 22 | 4831600 | 4 | Washer M5 | |
| 23 | 0700618 | 1 | Bolt M6 x 50 | |
| 24 | 1001293972 | 1 | Cable, ECM Power (Not Shown) | |

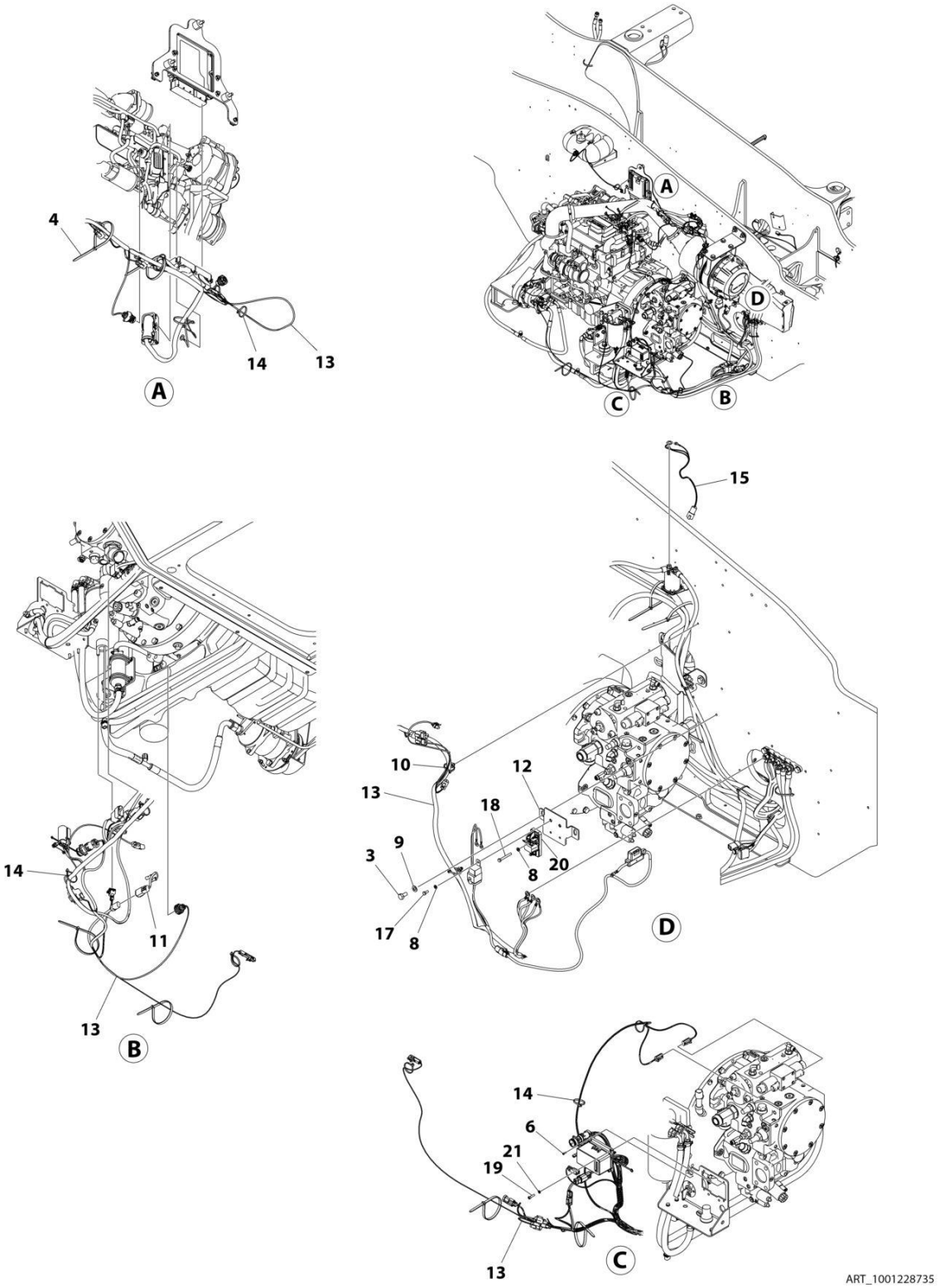
## FIGURE 10-48. ENGINE WIRING INSTALLATION (MINING) (ULS)



## FIGURE 10-48. ENGINE WIRING INSTALLATION (MINING) (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228728 | Ref | Engine Wiring Installation (Mining) (ULS) | C |
| 1 | 0700618 | 1 | Bolt, M6X50 | |
| 2 | 0760607 | 1 | Bolt, M6X14 | |
| 3 | 0761010 | 2 | Bolt, M10X20 | |
| 4 | 4031205 | 3 | Bolt, M3X10 | |
| 5 | 4031607 | 4 | Bolt, M5X16 | |
| 6 | 1062255 | 2 | Strap, Tie | |
| 7 | 4811700 | 2 | Washer, M6 | |
| 8 | 4812000 | 2 | Washer, M10 | |
| 9 | 4831600 | 4 | Washer, Lock M5 | |
| 10 | 1001131177 | 1 | Fuse | |
| 11 | 1001146588 | 3 | Strap, Cable Tie | |
| 12 | 1001228733 | 1 | Harness, Fuel Pump (See Separate Breakdown in this Section) | |
| 13 | 1001189046 | 1 | Bracket | |
| 14 | 1001191546 | 1 | Decal, Fuse | |
| 15 | 1001286174 | 1 | Harness, Engine (Mining) (ULS) (See Separate Breakdown in this Section) | |
| 16 | 1001008559 | 11 | Strap, Cable | |
| 17 | 1001228732 | 1 | Harness, Glow Plug Relay (See Separate Breakdown in this Section) | |
| 18 | 0700808 | 1 | Bolt, M8X16 | |
| 19 | 3290801 | 1 | Nut, M8X1.25 | |
| 20 | 4811900 | 2 | Washer, M8 | |
| 21 | 1001153749 | 1 | Clip | |
| 22 | 1001293972 | 1 | Cable, ECM Power (Not Shown) | |

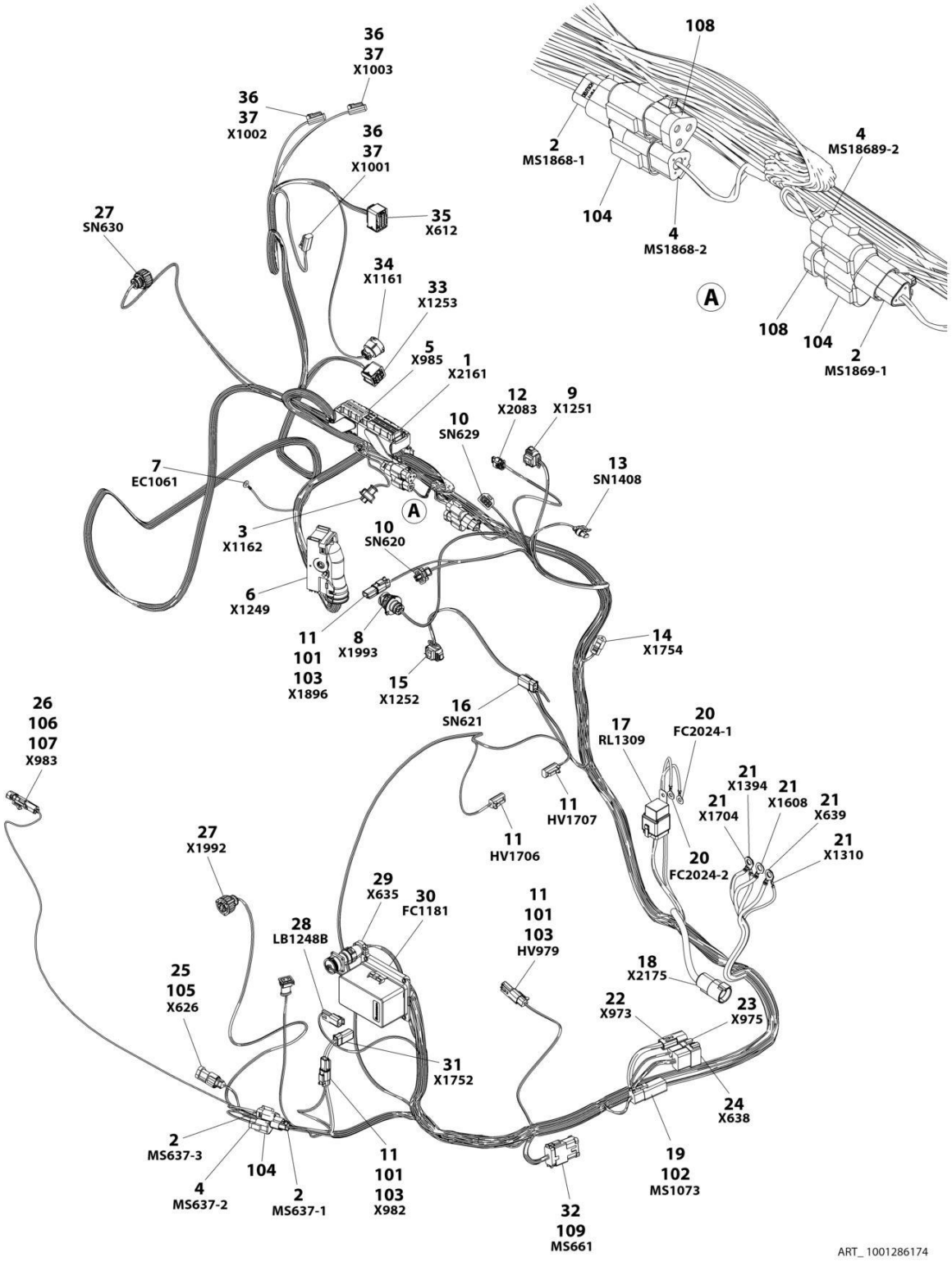
## FIGURE 10-49. ENGINE WIRING INSTALLATION (MINING)(LS)



## FIGURE 10-49. ENGINE WIRING INSTALLATION (MINING)(LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228735 | Ref | Engine Wiring Installation Mining (LS) | B |
| 3 | 0761010 | 2 | Bolt M10 x 20 | |
| 4 | 1062255 | 2 | Strap, Tie | |
| 6 | 4031205 | 3 | Bolt M3 x 10 | |
| 8 | 4811700 | 2 | Washer M6 | |
| 9 | 4812000 | 2 | Washer M10 | |
| 10 | 1001146588 | 2 | Strap, Cable Tie | |
| 11 | 1001228733 | 1 | Harness, Fuel Pump (See Separate Breakdown in this Section) | |
| 12 | 1001189046 | 1 | Bracket | |
| 13 | 1001286174 | 1 | Harness, Engine (Mining) (ULS) (See Separate Breakdown in this Section) | |
| 14 | 1001008559 | 10 | Strap, Cable | |
| 15 | 1001228732 | 1 | Harness, Glow Plug Relay (See Separate Breakdown in this Section) | |
| 17 | 0760607 | 1 | Bolt M6 x 14 | |
| 18 | 0700618 | 1 | Bolt M6 x 50 | |
| 19 | 4031608 | 4 | Bolt M5 x 20 | |
| 20 | 1001131177 | 1 | Fuse | |
| 21 | 4831600 | 4 | Washer M5 | |
| 22 | 1001293972 | 1 | Cable, ECM Power (Not Shown) | |

## FIGURE 10-50. ENGINE HARNESS MINING



## FIGURE 10-50. ENGINE HARNESS MINING

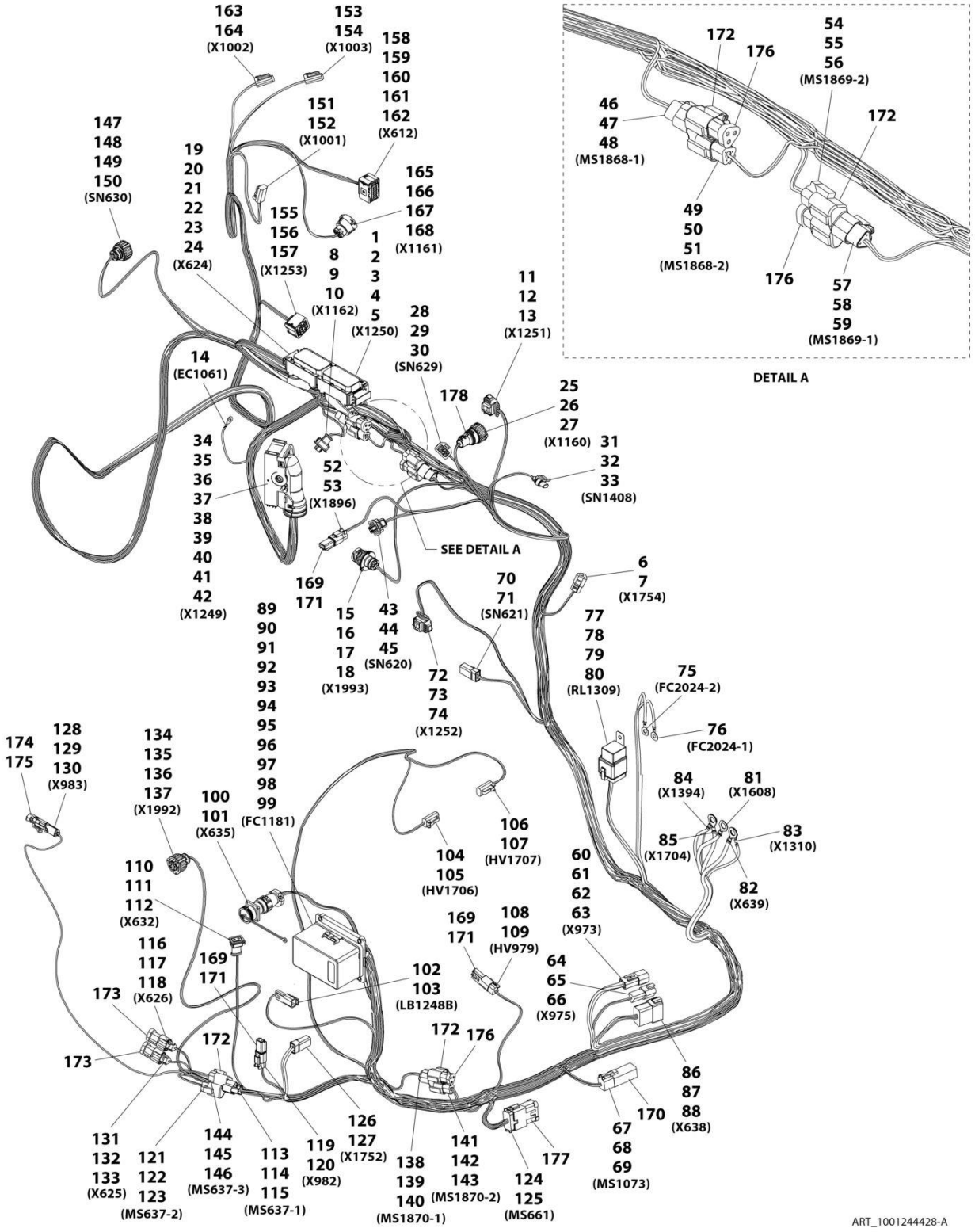
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001286174 | Ref | ENGINE HARNESS MINING | A |
| 1 | 1001126349 | 1 | Connector | |
| 1 | 1001126352 | 6 | Socket (Tin) (13-17AWG) | |
| 1 | 1001126351 | 3 | Socket (Tin) (15-18AWG) | |
| 1 | 1001126384 | 45 | Socket (Tin) (18-20AWG) | |
| 1 | 1001126357 | 1 | Plug | |
| 1 | 1001126356 | 39 | Plug | |
| 1 | 1001126353 | 6 | Seal | |
| 2 | 1001116812 | 4 | Connector | |
| 2 | 4460944 | 8 | Socket | |
| 2 | 4460466 | 4 | Plug | |
| 3 | 1001126487 | 1 | Connector | |
| 3 | 1001167635 | 2 | Socket | |
| 3 | 1001126485 | 2 | Seal | |
| 4 | 4460539 | 3 | Connector | |
| 4 | 4460944 | 6 | Socket | |
| 4 | 4460466 | 3 | Plug | |
| 5 | 1001126360 | 1 | Connector | |
| 5 | 1001126351 | 13 | Socket (15-18AWG) | |
| 5 | 1001126384 | 27 | Socket (18-20AWG) | |
| 5 | 1001126357 | 11 | Plug | |
| 5 | 1001126356 | 9 | Plug | |
| 6 | 1001126362 | 1 | Connector | |
| 6 | 1001166556 | 36 | Socket (18-22AWG) | |
| 6 | 1001166774 | 14 | Socket (14-18AWG) | |
| 6 | 1001166543 | 2 | Socket (10-14AWG) | |
| 6 | 1001126391 | 8 | Seal | |
| 6 | 1001126393 | 48 | Seal | |
| 6 | 4461054 | 2 | Seal | |
| 6 | 4461008 | 4 | Plug | |
| 7 | 1001187070 | 1 | Terminal, Ring | |
| 8 | 1001148842 | 1 | Connector | |
| 8 | 1001148841 | 3 | Pin | |
| 8 | 1001135650 | 3 | Seal | |
| 8 | 1001135651 | 1 | Plug | |
| 9 | 1001167631 | 1 | Connector | |
| 9 | 1001167630 | 4 | Socket | |
| 9 | 1001126485 | 4 | Seal | |
| 10 | 1001126487 | 2 | Connector | |
| 10 | 1001167634 | 4 | Socket | |
| 10 | 1001126485 | 4 | Seal | |
| 11 | 4460891 | 5 | Connector | |
| 11 | 4460465 | 10 | Socket | |
| 12 | 1001247948 | 1 | Connector | |
| 12 | 1001247955 | 3 | Socket | |
| 12 | 1001247969 | 3 | Seal | |
| 13 | 1001209097 | 1 | Connector | |
| 13 | 12052634 | 1 | Lock Packard | |
| 13 | 8220124 | 2 | Socket | |
| 13 | 4460608 | 2 | Seal | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 14 | 4460539 | 1 | Connector | |
| 14 | 4460465 | 3 | Socket | |
| 15 | 1001167629 | 1 | Connector | |
| 15 | 1001167630 | 4 | Socket | |
| 15 | 1001126485 | 4 | Seal | |
| 16 | 1001126245 | 1 | Connector | |
| 16 | 1001126008 | 2 | Pin | |
| 17 | 1001118282 | 1 | Connector | |
| 17 | 1001116734 | 4 | Socket | |
| 17 | 1001128128 | 1 | Plug | |
| 18 | 1001293903 | 1 | Connector | |
| 18 | 91013191 | 1 | Pin | |
| 19 | 4460894 | 1 | Connector | |
| 19 | 4460465 | 6 | Socket | |
| 20 | 1001207171 | 2 | Terminal, Ring | |
| 21 | 1001187080 | 5 | Terminal, Ring | |
| 22 | 1001116811 | 1 | Connector | |
| 22 | 4460508 | 1 | Pin | |
| 22 | 4460466 | 3 | Plug | |
| 23 | 1001144147 | 1 | Connector | |
| 23 | 4460464 | 2 | Pin | |
| 23 | 4460466 | 1 | Plug | |
| 24 | 4460970 | 1 | Connector | |
| 24 | 4460464 | 9 | Pin | |
| 24 | 4460466 | 3 | Plug | |
| 25 | 4461095 | 1 | Connector | |
| 25 | 4460944 | 2 | Socket | |
| 25 | 4460466 | 1 | Plug | |
| 26 | 80963056 | 1 | Connector | |
| 26 | 4460979 | 1 | Pin | |
| 26 | 1001175265 | 1 | Seal | |
| 27 | 1001133714 | 2 | Connector | |
| 27 | 1001133715 | 6 | Socket | |
| 27 | 1001135650 | 6 | Seal | |
| 27 | 1001135851 | 2 | Plug | |
| 28 | 1001153612 | 1 | Connector | |
| 28 | 1001126011 | 2 | Pin | |
| 29 | 2902443 | 1 | Connector | |
| 29 | 4461071 | 6 | Socket | |
| 30 | 1001167616 | 1 | Connector | |
| 30 | 1001190921 | 1 | Seal | |
| 30 | 8220097 | 26 | Socket (18AWG) | |
| 30 | 8220098 | 11 | Socket (14AWG) | |
| 30 | 1001116725 | 7 | Socket (10-12AWG) | |
| 30 | 1001175265 | 22 | Seal | |
| 30 | 1001190037 | 6 | Seal | |
| 30 | 4460458 | 15 | Seal | |
| 31 | 4461018 | 1 | Connector | |
| 31 | 4460509 | 2 | Socket | |
| 32 | 4460933 | 1 | Connector | |
| 32 | 4460465 | 12 | Socket | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 1001167528 | 1 | Connector | |
| 33 | 1001166704 | 4 | Socket | |
| 33 | 1001137578 | 4 | Seal | |
| 34 | 1001167620 | 1 | Connector | |
| 34 | 1001176004 | 2 | Socket | |
| 34 | 1001176002 | 2 | Seal | |
| 34 | 1001167624 | 2 | Plug | |
| 35 | 1001165194 | 1 | Connector | |
| 35 | 1001166556 | 8 | Socket (18-22AWG) | |
| 35 | 1001166774 | 2 | Socket (14-18AWG) | |
| 35 | 1001126393 | 10 | Seal | |
| 35 | 1001126391 | 2 | Plug | |
| 36 | 4460891 | 3 | Connector | |
| 37 | 4460942 | 6 | Pin | |
| 101 | 4460466 | 6 | Plug | |
| 102 | 4460892 | 1 | Cap | |
| 103 | 4460897 | 3 | Cap | |
| 104 | 4460945 | 3 | 3-Way Plug | |
| 105 | 4461070 | 1 | Connector | |
| 106 | 80963056 | 1 | Connector | |
| 107 | 1001116727 | 1 | Plug | |
| 108 | 1001116815 | 2 | Connector | |
| 109 | 1001125677 | 1 | Cap | |

## FIGURE 10-51. ENGINE HARNESS (ULS)



## FIGURE 10-51. ENGINE HARNESS (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244428 | Ref | Engine Harness (ULS) | A |
| 1 | 1001202723 | 1 | Connector | |
| 2 | 1001167623 | 5 | Plug | |
| 3 | 1001166555 | 13 | Terminal | |
| 4 | 1001167621 | 50 | Terminal | |
| 5 | 1001167622 | 37 | Plug | |
| 6 | 4460539 | 1 | Connector | |
| 7 | 4460465 | 3 | Terminal | |
| 8 | 1001126487 | 1 | Connector | |
| 9 | 1001167635 | 2 | Terminal | |
| 10 | 1001126485 | 2 | Terminal Seal | |
| 11 | 1001167631 | 1 | Connector | |
| 12 | 1001167630 | 4 | Terminal | |
| 13 | 1001126485 | 4 | Terminal Seal | |
| 14 | 1001187070 | 1 | Ring Terminal | |
| 15 | 1001148842 | 1 | Connector | |
| 16 | 1001148841 | 3 | Terminal | |
| 17 | 1001135651 | 1 | Plug | |
| 18 | 1001135650 | 3 | Terminal Seal | |
| 19 | 1001202722 | 1 | Connector | |
| 20 | 1001166551 | 6 | Terminal | |
| 21 | 1001126353 | 6 | Terminal Seal | |
| 22 | 1001167622 | 58 | Plug | |
| 23 | 1001167621 | 21 | Terminal | |
| 24 | 1001167623 | 6 | Plug | |
| 25 | 1001138116 | 1 | Connector | |
| 26 | 1001133715 | 3 | Terminal | |
| 27 | 1001135650 | 4 | Terminal Seal | |
| 28 | 1001126487 | 1 | Connector | |
| 29 | 1001167634 | 2 | Terminal | |
| 30 | 1001126485 | 2 | Terminal Seal | |
| 31 | 1001209097 | 1 | Connector | |
| 32 | 8220124 | 2 | Terminal | |
| 33 | 4460608 | 2 | Terminal Seal | |
| 34 | 1001126362 | 1 | Connector | |
| 35 | 1001166556 | 26 | Terminal | |
| 36 | 1001126393 | 36 | Terminal Seal | |
| 37 | 1001126391 | 19 | Plug | |
| 38 | 4461008 | 2 | Plug | |
| 39 | 4461006 | 2 | Terminal Seal | |
| 40 | 4461054 | 2 | Terminal Wire Seal | |
| 41 | 1001166543 | 4 | Terminal | |
| 42 | 1001166774 | 10 | Terminal | |
| 43 | 1001126487 | 1 | Connector | |
| 44 | 1001167634 | 2 | Terminal | |
| 45 | 1001126485 | 2 | Terminal Seal | |
| 46 | 1001116812 | 1 | Connector | |
| 47 | 4460944 | 2 | Terminal | |
| 48 | 4460466 | 1 | Plug | |
| 49 | 4460539 | 1 | Connector | |

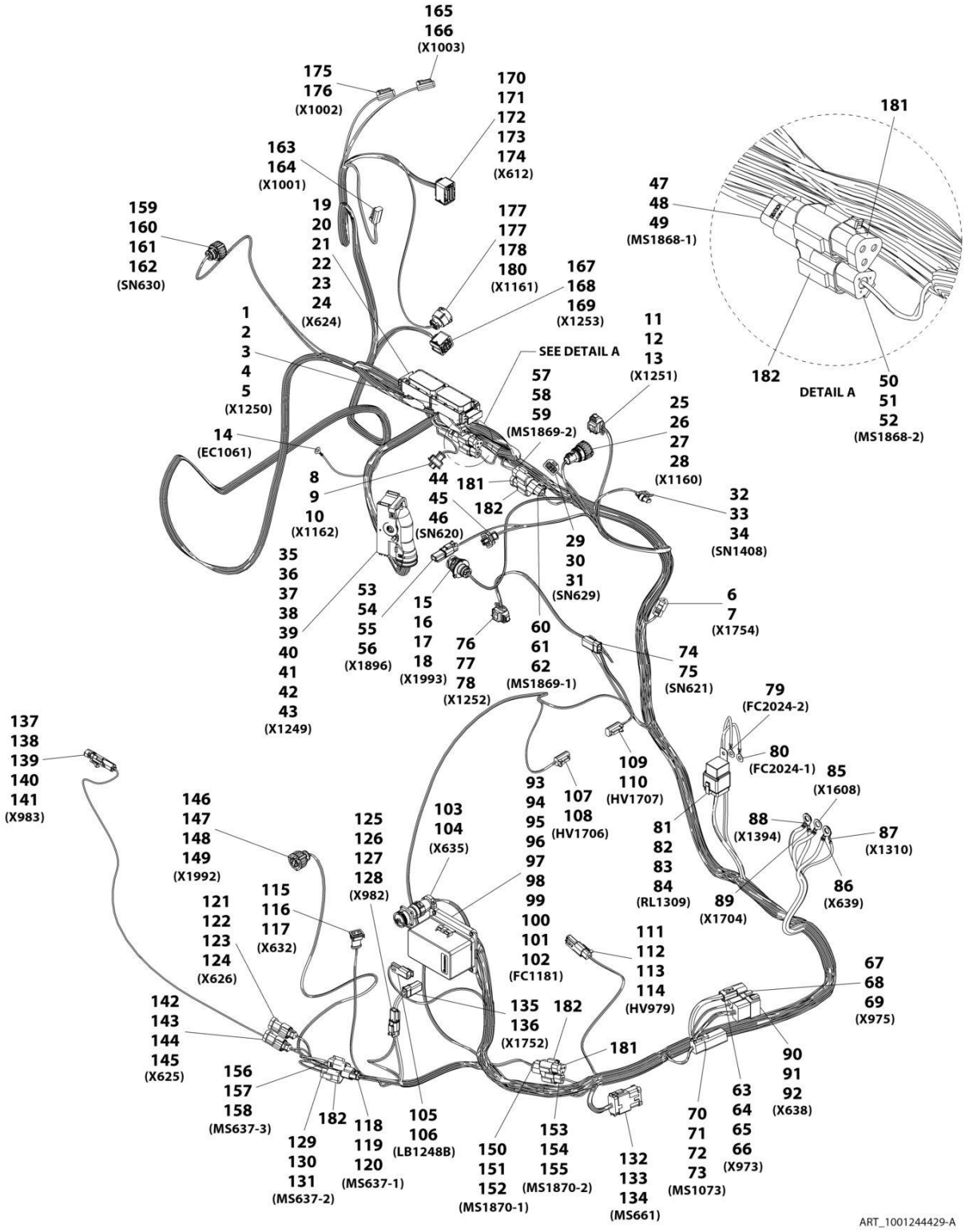
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4460944 | 2 | Terminal | |
| 51 | 4460466 | 1 | Plug | |
| 52 | 4460891 | 1 | Connector | |
| 53 | 4460465 | 2 | Terminal | |
| 54 | 4460539 | 1 | Connector | |
| 55 | 4460944 | 2 | Terminal | |
| 56 | 4460466 | 1 | Plug | |
| 57 | 1001116812 | 1 | Connector | |
| 58 | 4460944 | 2 | Terminal | |
| 59 | 4460466 | 1 | Plug | |
| 60 | 1001116811 | 1 | Connector | |
| 61 | 1001150610 | 2 | Terminal | |
| 62 | 4460508 | 1 | Terminal | |
| 63 | 4460466 | 1 | Plug | |
| 64 | 1001144147 | 1 | Connector | |
| 65 | 4460464 | 2 | Terminal | |
| 66 | 4460466 | 1 | Plug | |
| 67 | 4460894 | 1 | Connector | |
| 68 | 4460466 | 1 | Plug | |
| 69 | 4460465 | 5 | Terminal | |
| 70 | 1001126245 | 1 | Connector | |
| 71 | 1001126008 | 2 | Terminal | |
| 72 | 1001167629 | 1 | Connector | |
| 73 | 1001167630 | 4 | Terminal | |
| 74 | 1001126485 | 4 | Terminal Seal | |
| 75 | 1001207171 | 1 | Ring Terminal, (with boot) | |
| 76 | 1001207171 | 1 | Ring Terminal, (with boot) | |
| 77 | 1001118282 | 1 | Connector | |
| 78 | 1001116734 | 2 | Terminal | |
| 79 | 1001116732 | 2 | Terminal | |
| 80 | 1001128128 | 1 | Plug | |
| 81 | 1001187080 | 1 | Ring Terminal | |
| 82 | 1001187080 | 1 | Ring Terminal | |
| 83 | 1001187078 | 1 | Ring Terminal | |
| 84 | 1001187080 | 1 | Ring Terminal | |
| 85 | 1001187080 | 1 | Ring Terminal | |
| 86 | 4460970 | 1 | Connector | |
| 87 | 4460464 | 9 | Terminal | |
| 88 | 4460466 | 3 | Plug | |
| 89 | 1001167616 | 1 | Connector | |
| 90 | 1001190921 | 1 | Fuse Box Foam Seal | |
| 91 | 4460748 | 7 | Plug | |
| 92 | 8220097 | 23 | Terminal | |
| 93 | 1001175265 | 19 | Terminal Seal | |
| 94 | 8220098 | 9 | Terminal | |
| 95 | 4460458 | 11 | Terminal Seal | |
| 96 | 1001116725 | 6 | Terminal | |
| 97 | 80963067 | 1 | Terminal Seal | |
| 98 | 1001190037 | 5 | Terminal Seal | |
| 99 | 1001190921 | 1 | Fuse Box Foam Seal | |
| 100 | 2902443 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 4461071 | 6 | Terminal | |
| 102 | 1001153612 | 1 | Connector | |
| 103 | 1001126011 | 2 | Terminal | |
| 104 | 4460891 | 1 | Connector | |
| 105 | 4460465 | 2 | Terminal | |
| 106 | 4460891 | 1 | Connector | |
| 107 | 4460465 | 2 | Terminal | |
| 108 | 4460891 | 1 | Connector | |
| 109 | 4460465 | 2 | Terminal | |
| 110 | 1001167636 | 1 | Connector | |
| 111 | 1001166707 | 2 | Terminal | |
| 112 | 4461006 | 2 | Terminal Seal | |
| 113 | 4461095 | 1 | Connector | |
| 114 | 4460944 | 2 | Terminal | |
| 115 | 4460466 | 1 | Plug | |
| 116 | 4461095 | 1 | Connector | |
| 117 | 4460944 | 2 | Terminal | |
| 118 | 4460466 | 1 | Plug | |
| 119 | 4460891 | 1 | Connector | |
| 120 | 4460465 | 2 | Terminal | |
| 121 | 4460539 | 1 | Connector | |
| 122 | 4460944 | 2 | Terminal | |
| 123 | 4460466 | 1 | Plug | |
| 124 | 4460933 | 1 | Connector | |
| 125 | 4460465 | 12 | Terminal | |
| 126 | 4461018 | 1 | Connector | |
| 127 | 4460509 | 2 | Terminal | |
| 128 | 80963056 | 1 | Connector | |
| 129 | 4460979 | 1 | Terminal | |
| 130 | 1001175265 | 1 | Terminal Seal | |
| 131 | 4461095 | 1 | Connector | |
| 132 | 4460944 | 2 | Terminal | |
| 133 | 4460466 | 1 | Plug | |
| 134 | 1001133714 | 1 | Connector | |
| 135 | 1001133715 | 3 | Terminal | |
| 136 | 1001135650 | 3 | Terminal Seal | |
| 137 | 1001135651 | 1 | Plug | |
| 138 | 1001116812 | 1 | Connector | |
| 139 | 4460944 | 2 | Terminal | |
| 140 | 4460466 | 1 | Plug | |
| 141 | 4460539 | 1 | Connector | |
| 142 | 4460944 | 2 | Terminal | |
| 143 | 4460466 | 1 | Plug | |
| 144 | 1001116812 | 1 | Connector | |
| 145 | 4460944 | 2 | Terminal | |
| 146 | 4460466 | 1 | Plug | |
| 147 | 1001133714 | 1 | Connector | |
| 148 | 1001133715 | 3 | Terminal | |
| 149 | 1001135650 | 3 | Terminal Seal | |
| 150 | 1001135651 | 1 | Plug | |
| 151 | 4460891 | 1 | Connector | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 152 | 4460942 | 2 | Terminal | |
| 153 | 4460891 | 1 | Connector | |
| 154 | 4460942 | 2 | Terminal | |
| 155 | 1001167528 | 1 | Connector | |
| 156 | 1001167528 | 3 | Terminal | |
| 157 | 1001137578 | 3 | Seal | |
| 158 | 1001165194 | 1 | Connector | |
| 159 | 1001126391 | 2 | Plug | |
| 160 | 1001166556 | 8 | Terminal | |
| 161 | 1001166774 | 2 | Terminal | |
| 162 | 1001126393 | 10 | Terminal Seal | |
| 163 | 4460891 | 1 | Connector | |
| 164 | 4460942 | 2 | Terminal | |
| 165 | 1001167620 | 1 | Connector | |
| 166 | 1001176004 | 2 | Terminal | |
| 167 | 1001176002 | 2 | Terminal Seal | |
| 168 | 1001167624 | 2 | Plug | |
| 169 | 4460466 | 6 | Plug | |
| 170 | 4460892 | 1 | Mating Connector | |
| 171 | 4460897 | 3 | Mating Connector | |
| 172 | 4460945 | 4 | Connector, 3 Way | |
| 173 | 4461070 | 2 | Terminator Resistor | |
| 174 | 80963055 | 1 | Mating Connector | |
| 175 | 1001116727 | 1 | Plug | |
| 176 | 1001116815 | 3 | Connector | |
| 177 | 1001125677 | 1 | Mating Connector | |
| 178 | 1001187882 | 1 | Cover | |

## FIGURE 10-52. ENGINE HARNESS (MINING) (ULS)



## FIGURE 10-52. ENGINE HARNESS (MINING) (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244429 | Ref | Engine Harness (Mining) (ULS) | A |
| 1 | 1001202723 | 1 | Connector | |
| 2 | 1001167623 | 5 | Plug | |
| 3 | 1001166555 | 13 | Terminal | |
| 4 | 1001167621 | 50 | Terminal | |
| 5 | 1001167622 | 37 | Plug | |
| 6 | 4460539 | 1 | Connector | |
| 7 | 4460465 | 3 | Terminal | |
| 8 | 1001126487 | 1 | Connector | |
| 9 | 1001167635 | 2 | Terminal | |
| 10 | 1001126485 | 2 | Terminal Seal | |
| 11 | 1001167631 | 1 | Connector | |
| 12 | 1001167630 | 4 | Terminal | |
| 13 | 1001126485 | 4 | Terminal Seal | |
| 14 | 1001187070 | 1 | Ring Terminal | |
| 15 | 1001148842 | 1 | Connector | |
| 16 | 1001148841 | 3 | Terminal | |
| 17 | 1001135651 | 1 | Plug | |
| 18 | 1001135650 | 3 | Terminal Seal | |
| 19 | 1001202722 | 1 | Connector | |
| 20 | 1001166551 | 6 | Terminal | |
| 21 | 1001126353 | 6 | Terminal Seal | |
| 22 | 1001167622 | 58 | Plug | |
| 23 | 1001167621 | 21 | Terminal | |
| 24 | 1001167623 | 6 | Plug | |
| 25 | 1001138116 | 1 | Connector | |
| 26 | 1001187882 | 1 | Cover | |
| 27 | 1001133715 | 3 | Terminal | |
| 28 | 1001135650 | 4 | Terminal Seal | |
| 29 | 1001126487 | 1 | Connector | |
| 30 | 1001167634 | 2 | Terminal | |
| 31 | 1001126485 | 2 | Terminal Seal | |
| 32 | 1001209097 | 1 | Connector | |
| 33 | 8220124 | 2 | Terminal | |
| 34 | 4460608 | 2 | Terminal Seal | |
| 35 | 1001126362 | 1 | Connector | |
| 36 | 1001166556 | 26 | Terminal | |
| 37 | 1001126393 | 36 | Terminal Seal | |
| 38 | 1001126391 | 20 | Plug | |
| 39 | 4461008 | 2 | Plug | |
| 40 | 4461006 | 2 | Seal | |
| 41 | 4461054 | 2 | Terminal Wire Seal | |
| 42 | 1001166543 | 4 | Terminal | |
| 43 | 1001166774 | 10 | Terminal | |
| 44 | 1001126487 | 1 | Connector | |
| 45 | 1001167634 | 2 | Terminal | |
| 46 | 1001126485 | 2 | Terminal Seal | |
| 47 | 1001116812 | 1 | Connector | |
| 48 | 4460944 | 2 | Terminal | |
| 49 | 4460466 | 1 | Plug | |

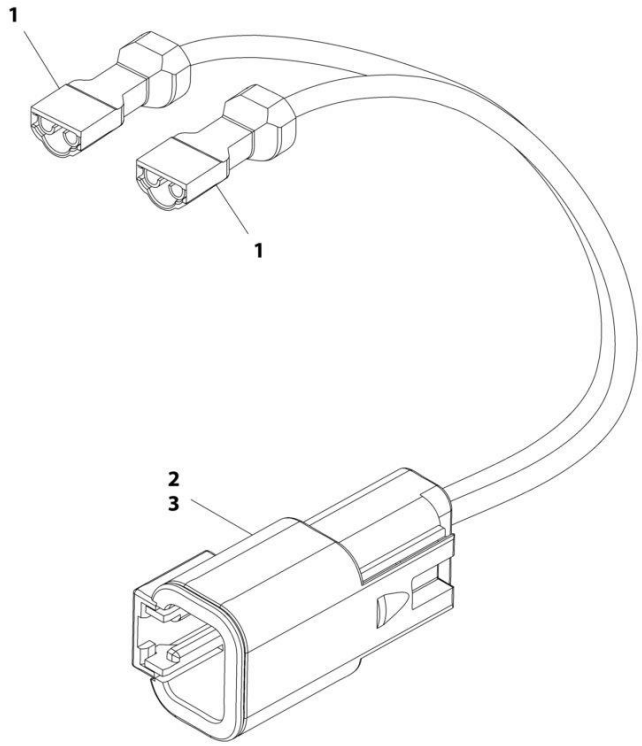
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4460539 | 1 | Connector | |
| 51 | 4460944 | 2 | Terminal | |
| 52 | 4460466 | 1 | Plug | |
| 53 | 4460891 | 1 | Connector | |
| 54 | 4460897 | 1 | Mating Connector | |
| 55 | 4460465 | 2 | Terminal | |
| 56 | 4460466 | 2 | Plug | |
| 57 | 4460539 | 1 | Connector | |
| 58 | 4460944 | 2 | Terminal | |
| 59 | 4460466 | 1 | Plug | |
| 60 | 1001116812 | 1 | Connector | |
| 61 | 4460944 | 2 | Terminal | |
| 62 | 4460466 | 1 | Plug | |
| 63 | 1001116811 | 1 | Connector | |
| 64 | 1001150610 | 2 | Terminal | |
| 65 | 4460508 | 1 | Terminal | |
| 66 | 4460466 | 1 | Plug | |
| 67 | 1001144147 | 1 | Connector | |
| 68 | 4460464 | 2 | Terminal | |
| 69 | 4460466 | 1 | Plug | |
| 70 | 4460894 | 1 | Connector | |
| 71 | 4460892 | 1 | Mating Connector | |
| 72 | 4460466 | 1 | Plug | |
| 73 | 4460465 | 5 | Terminal | |
| 74 | 1001126245 | 1 | Connector | |
| 75 | 1001126008 | 2 | Terminal | |
| 76 | 1001167629 | 1 | Connector | |
| 77 | 1001167630 | 4 | Terminal | |
| 78 | 1001126485 | 4 | Terminal Seal | |
| 79 | 1001207171 | 1 | Ring Terminal, (with boot) | |
| 80 | 1001207171 | 1 | Ring Terminal, (with boot) | |
| 81 | 1001118282 | 1 | Connector | |
| 82 | 1001116734 | 2 | Terminal | |
| 83 | 1001116732 | 2 | Terminal | |
| 84 | 1001128128 | 1 | Plug | |
| 85 | 1001187080 | 1 | Ring Terminal | |
| 86 | 1001187080 | 1 | Ring Terminal | |
| 87 | 1001187078 | 1 | Ring Terminal | |
| 88 | 1001187080 | 1 | Ring Terminal | |
| 89 | 1001187080 | 1 | Ring Terminal | |
| 90 | 4460970 | 1 | Connector | |
| 91 | 4460464 | 9 | Terminal | |
| 92 | 4460466 | 3 | Plug | |
| 93 | 1001167616 | 1 | Connector | |
| 94 | 1001190921 | 1 | Fuse Box Foam Seal | |
| 95 | 4460748 | 12 | Plug | |
| 96 | 8220097 | 23 | Terminal | |
| 97 | 1001175265 | 21 | Terminal Seal | |
| 98 | 8220098 | 9 | Terminal | |
| 99 | 4460458 | 11 | Terminal Seal | |
| 100 | 1001116725 | 6 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 80963067 | 1 | Terminal Seal | |
| 102 | 1001190037 | 5 | Terminal Seal | |
| 103 | 2902443 | 1 | Connector | |
| 104 | 4461071 | 6 | Terminal | |
| 105 | 1001153612 | 1 | Connector | |
| 106 | 1001126011 | 2 | Terminal | |
| 107 | 4460891 | 1 | Connector | |
| 108 | 4460465 | 2 | Terminal | |
| 109 | 4460891 | 1 | Connector | |
| 110 | 4460465 | 2 | Terminal | |
| 111 | 4460891 | 1 | Connector | |
| 112 | 4460465 | 2 | Terminal | |
| 113 | 4460897 | 1 | Mating Connector | |
| 114 | 4460466 | 2 | Plug | |
| 115 | 1001167636 | 1 | Connector | |
| 116 | 1001166707 | 2 | Terminal | |
| 117 | 4461006 | 2 | Terminal Seal | |
| 118 | 1001116812 | 1 | Connector | |
| 119 | 4460944 | 2 | Terminal | |
| 120 | 4460466 | 1 | Plug | |
| 121 | 4461095 | 1 | Connector | |
| 122 | 4461070 | 1 | Terminator Resistor | |
| 123 | 4460944 | 2 | Terminal | |
| 124 | 4460466 | 1 | Plug | |
| 125 | 4460891 | 1 | Connector | |
| 126 | 4460897 | 1 | Mating Connector | |
| 127 | 4460465 | 2 | Terminal | |
| 128 | 4460466 | 2 | Plug | |
| 129 | 4460539 | 1 | Connector | |
| 130 | 4460944 | 2 | Terminal | |
| 131 | 4460466 | 1 | Plug | |
| 132 | 4460933 | 1 | Connector | |
| 133 | 1001125677 | 1 | Mating Connector | |
| 134 | 4460465 | 12 | Terminal | |
| 135 | 4461018 | 1 | Connector | |
| 136 | 4460509 | 2 | Terminal | |
| 137 | 80963056 | 1 | Connector | |
| 138 | 80963055 | 1 | Mating Connector | |
| 139 | 4460979 | 1 | Terminal | |
| 140 | 1001175265 | 1 | Terminal Seal | |
| 141 | 1001116727 | 1 | Plug | |
| 142 | 4461095 | 1 | Connector | |
| 143 | 4461070 | 1 | Terminator Resistor | |
| 144 | 4460944 | 2 | Terminal | |
| 145 | 4460466 | 1 | Plug | |
| 146 | 1001133714 | 1 | Connector | |
| 147 | 1001133715 | 3 | Terminal | |
| 148 | 1001135650 | 3 | Terminal Seal | |
| 149 | 1001135651 | 1 | Plug | |
| 150 | 1001116812 | 1 | Connector | |
| 151 | 4460944 | 2 | Terminal | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 152 | 4460466 | 1 | Plug | |
| 153 | 4460539 | 1 | Connector | |
| 154 | 4460944 | 2 | Terminal | |
| 155 | 4460466 | 1 | Plug | |
| 156 | 1001116812 | 1 | Connector | |
| 157 | 4460944 | 2 | Terminal | |
| 158 | 4460466 | 1 | Plug | |
| 159 | 1001133714 | 1 | Connector | |
| 160 | 1001133715 | 3 | Terminal | |
| 161 | 1001135650 | 3 | Terminal Seal | |
| 162 | 1001135651 | 1 | Plug | |
| 163 | 4460891 | 1 | Connector | |
| 164 | 4460942 | 2 | Terminal | |
| 165 | 4460891 | 1 | Connector | |
| 166 | 4460942 | 2 | Terminal | |
| 167 | 1001167528 | 1 | Connector | |
| 168 | 1001166704 | 4 | Terminal | |
| 169 | 1001137578 | 4 | Terminal Seal | |
| 170 | 1001165194 | 1 | Connector | |
| 171 | 1001126391 | 2 | Plug | |
| 172 | 1001166556 | 8 | Terminal | |
| 173 | 1001166774 | 2 | Terminal | |
| 174 | 1001126393 | 10 | Terminal Seal | |
| 175 | 4460891 | 1 | Connector | |
| 176 | 4460942 | 2 | Terminal | |
| 177 | 1001167620 | 1 | Connector | |
| 178 | 1001176004 | 2 | Terminal | |
| 179 | 1001176002 | 2 | Terminal Seal | |
| 180 | 1001167624 | 2 | Plug | |
| 181 | 1001116815 | 3 | Connector | |
| 182 | 4460945 | 4 | Connector, 3 Way | |

## FIGURE 10-53. ENGINE - FUEL PUMP HARNESS

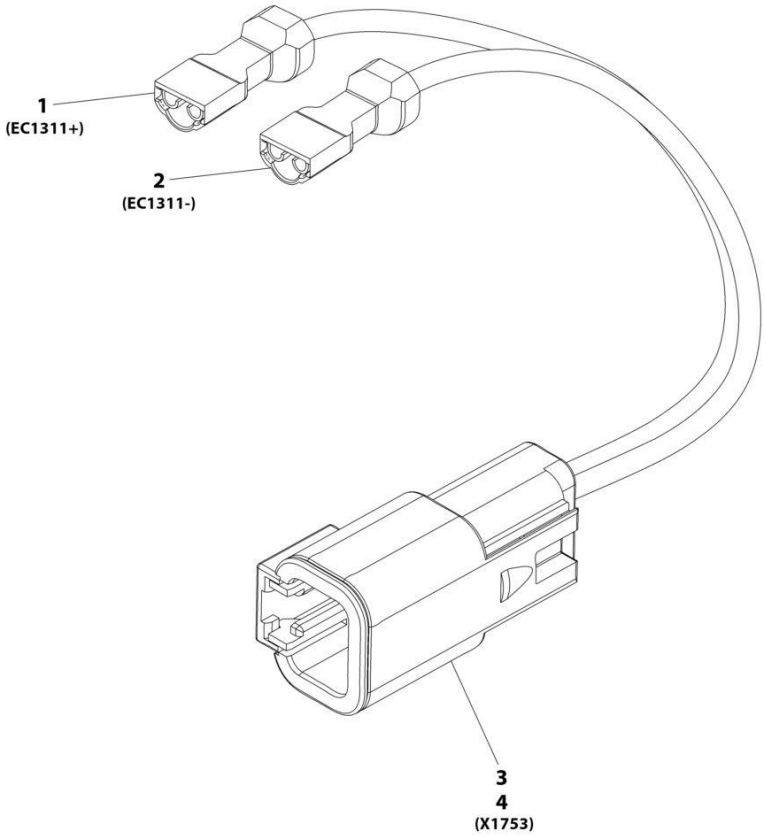



ART_1001182929-E

## FIGURE 10-53. ENGINE - FUEL PUMP HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182929 | Ref | Fuel Pump Harness | E |
| 1 | 8220043 | 2 | Connector | |
| 2 | 4461017 | 1 | Connector | |
| 3 | 4460508 | 2 | Terminal | |

## FIGURE 10-54. ENGINE - FUEL PUMP HARNESS (MINING) (ULS)

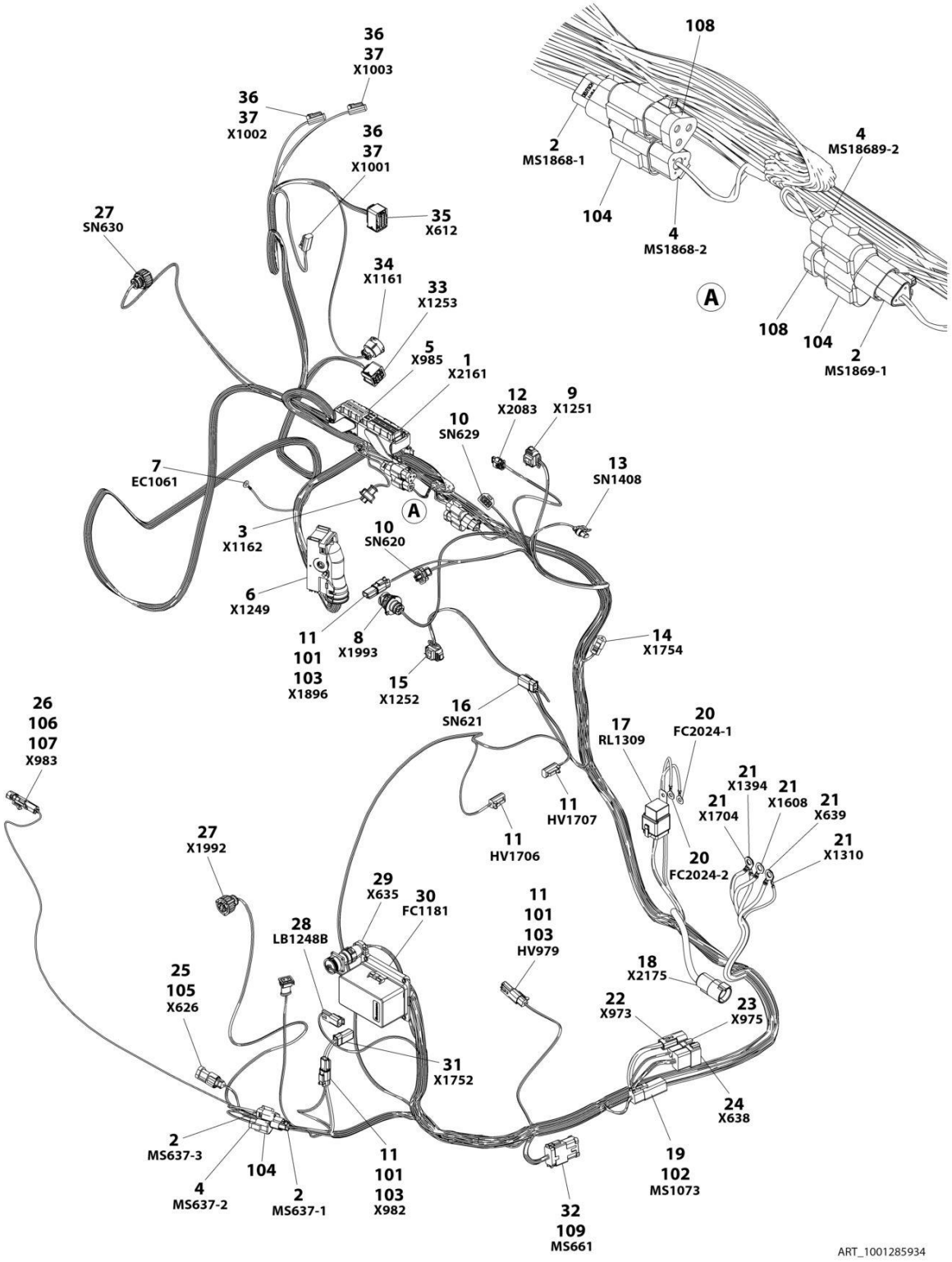



ART_1001228733-A

## FIGURE 10-54. ENGINE - FUEL PUMP HARNESS (MINING) (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228733 | Ref | Fuel Pump Harness (Mining) (ULS) | A |
| 1 | 8220043 | 1 | Connector | |
| 2 | 8220043 | 1 | Connector | |
| 3 | 4461017 | 1 | Connector | |
| 4 | 4460508 | 2 | Terminal | |

## FIGURE 10-55. ENGINE HARNESS



## FIGURE 10-55. ENGINE HARNESS

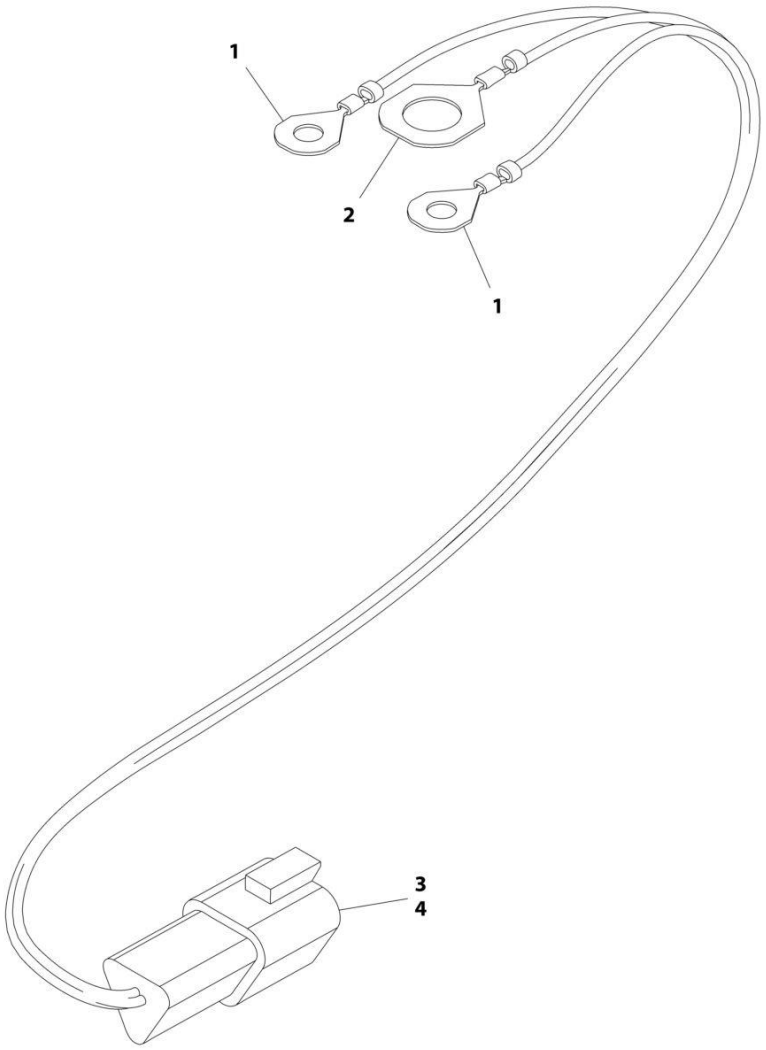
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001285934 | Ref | ENGINE HARNESS | B |
| 1 | 1001126349 | 1 | Connector | |
| 1 | 1001126352 | 6 | Socket (14-16AWG) | |
| 1 | 1001126351 | 3 | Socket (16-18AWG) | |
| 1 | 1001126384 | 45 | Socket (18-20AWG) | |
| 1 | 1001126357 | 1 | Plug | |
| 1 | 1001126356 | 39 | Plug | |
| 1 | 1001126353 | 6 | Seal | |
| 2 | 1001116812 | 4 | Connector | |
| 2 | 4460944 | 8 | Socket | |
| 2 | 4460466 | 4 | Plug | |
| 3 | 1001126487 | 1 | Connector | |
| 3 | 1001167635 | 2 | Socket | |
| 3 | 1001126485 | 2 | Seal | |
| 4 | 4460539 | 3 | Connector | |
| 4 | 4460944 | 6 | Socket | |
| 4 | 4460466 | 3 | Plug | |
| 5 | 1001126360 | 1 | Connector | |
| 5 | 1001126351 | 13 | Socket (15-18AWG) | |
| 5 | 1001126384 | 27 | Socket (18-20AWG) | |
| 5 | 1001126357 | 11 | Plug | |
| 5 | 1001126356 | 9 | Plug | |
| 6 | 1001126362 | 1 | Connector | |
| 6 | 1001166556 | 36 | Socket (18-22AWG) | |
| 6 | 1001166774 | 14 | Socket (14-18AWG) | |
| 6 | 1001166543 | 2 | Socket (10-14AWG) | |
| 6 | 1001126391 | 8 | Seal | |
| 6 | 1001126393 | 48 | Seal | |
| 6 | 4461054 | 2 | Seal | |
| 6 | 4461008 | 4 | Plug | |
| 7 | 1001187070 | 1 | Terminal, Ring | |
| 8 | 1001148842 | 1 | Connector | |
| 8 | 1001148841 | 3 | Pin | |
| 8 | 1001135650 | 3 | Seal | |
| 8 | 1001135651 | 1 | Plug | |
| 9 | 1001167631 | 1 | Connector | |
| 9 | 1001167630 | 4 | Socket | |
| 9 | 1001126485 | 4 | Seal | |
| 10 | 1001126487 | 2 | Connector | |
| 10 | 1001167634 | 4 | Socket | |
| 10 | 1001126485 | 4 | Seal | |
| 11 | 4460891 | 5 | Connector | |
| 11 | 4460465 | 10 | Socket | |
| 12 | 1001247948 | 1 | Connector | |
| 12 | 1001247955 | 3 | Socket | |
| 12 | 1001247969 | 3 | Seal | |
| 13 | 1001209097 | 1 | Connector | |
| 13 | 12052634 | 1 | Lock Packard | |
| 13 | 8220124 | 2 | Socket | |
| 13 | 4460608 | 2 | Seal | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 14 | 4460539 | 1 | Connector | |
| 14 | 4460465 | 3 | Socket | |
| 15 | 1001167629 | 1 | Connector | |
| 15 | 1001167630 | 4 | Socket | |
| 15 | 1001126485 | 4 | Seal | |
| 16 | 1001126245 | 1 | Connector | |
| 16 | 1001126008 | 2 | Pin | |
| 17 | 1001118282 | 1 | Connector | |
| 17 | 1001116734 | 4 | Socket | |
| 17 | 1001128128 | 1 | Plug | |
| 18 | 1001293903 | 1 | Connector | |
| 18 | 91013191 | 1 | Pin | |
| 19 | 4460894 | 1 | Connector | |
| 19 | 4460465 | 6 | Socket | |
| 20 | 1001207171 | 2 | Terminal, Ring | |
| 21 | 1001187080 | 5 | Terminal, Ring | |
| 22 | 1001116811 | 1 | Connector | |
| 22 | 4460508 | 1 | Pin | |
| 22 | 4460466 | 3 | Plug | |
| 23 | 1001144147 | 1 | Connector | |
| 23 | 4460464 | 2 | Pin | |
| 23 | 4460466 | 1 | Plug | |
| 24 | 4460970 | 1 | Connector | |
| 24 | 4460464 | 9 | Pin | |
| 24 | 4460466 | 3 | Plug | |
| 25 | 4461095 | 1 | Connector | |
| 25 | 4460944 | 2 | Socket | |
| 25 | 4460466 | 1 | Plug | |
| 26 | 80963056 | 1 | Connector | |
| 26 | 4460979 | 1 | Pin | |
| 26 | 1001175265 | 1 | Seal | |
| 27 | 1001133714 | 2 | Connector | |
| 27 | 1001133715 | 6 | Socket | |
| 27 | 1001135650 | 6 | Seal | |
| 27 | 1001135851 | 2 | Plug | |
| 28 | 1001153612 | 1 | Connector | |
| 28 | 1001126011 | 2 | Pin | |
| 29 | 2902443 | 1 | Connector | |
| 29 | 4461071 | 6 | Socket | |
| 30 | 1001167616 | 1 | Connector | |
| 30 | 1001190921 | 1 | Seal | |
| 30 | 8220097 | 25 | Socket (18AWG) | |
| 30 | 8220098 | 11 | Socket (14AWG) | |
| 30 | 1001116725 | 6 | Socket (10-12AWG) | |
| 30 | 1001175265 | 21 | Seal | |
| 30 | 1001190037 | 5 | Seal | |
| 30 | 4460458 | 15 | Seal | |
| 31 | 4461018 | 1 | Connector | |
| 31 | 4460509 | 2 | Socket | |
| 32 | 4460933 | 1 | Connector | |
| 32 | 4460465 | 12 | Socket | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 1001167528 | 1 | Connector | |
| 33 | 1001166704 | 4 | Socket | |
| 33 | 1001137578 | 4 | Seal | |
| 34 | 1001167620 | 1 | Connector | |
| 34 | 1001176004 | 2 | Socket | |
| 34 | 1001176002 | 2 | Seal | |
| 34 | 1001167624 | 2 | Plug | |
| 35 | 1001165194 | 1 | Connector | |
| 35 | 1001166556 | 8 | Socket (18-22AWG) | |
| 35 | 1001166774 | 2 | Socket (14-18AWG) | |
| 35 | 1001126393 | 10 | Seal | |
| 35 | 1001126391 | 2 | Plug | |
| 36 | 4460891 | 3 | Connector | |
| 37 | 4460942 | 6 | Pin | |
| 101 | 4460466 | 6 | Plug | |
| 102 | 4460892 | 1 | Cap | |
| 103 | 4460897 | 3 | Cap | |
| 104 | 4460945 | 3 | 3-Way Plug | |
| 105 | 4461070 | 1 | Connector | |
| 106 | 80963056 | 1 | Connector | |
| 107 | 1001116727 | 1 | Plug | |
| 108 | 1001116815 | 2 | Connector | |
| 109 | 1001125677 | 1 | Cap | |

## FIGURE 10-56. ENGINE - GLOW PLUG RELAY HARNESS

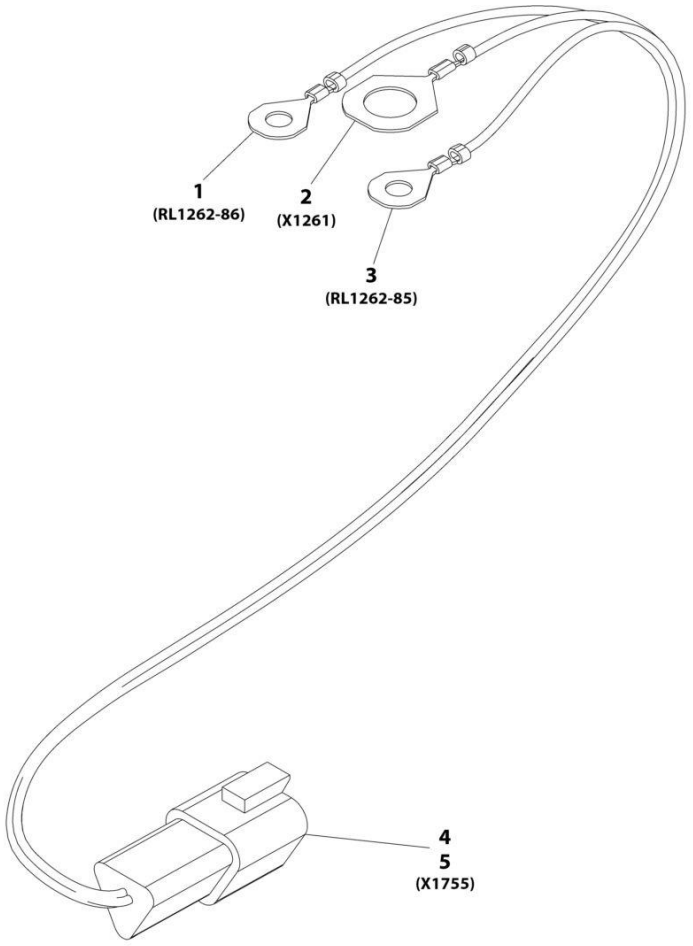



ART_1001182930-C

## FIGURE 10-56. ENGINE - GLOW PLUG RELAY HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182930 | Ref | Glow Plug Relay Harness | C |
| 1 | 1001187070 | 2 | Ring, Terminal | |
| 2 | 1001187077 | 1 | Ring, Terminal | |
| 3 | 4460536 | 1 | Connector | |
| 4 | 4460464 | 3 | Terminal | |

## FIGURE 10-57. ENGINE - GLOW PLUG RELAY HARNESS (MINING) (ULS)

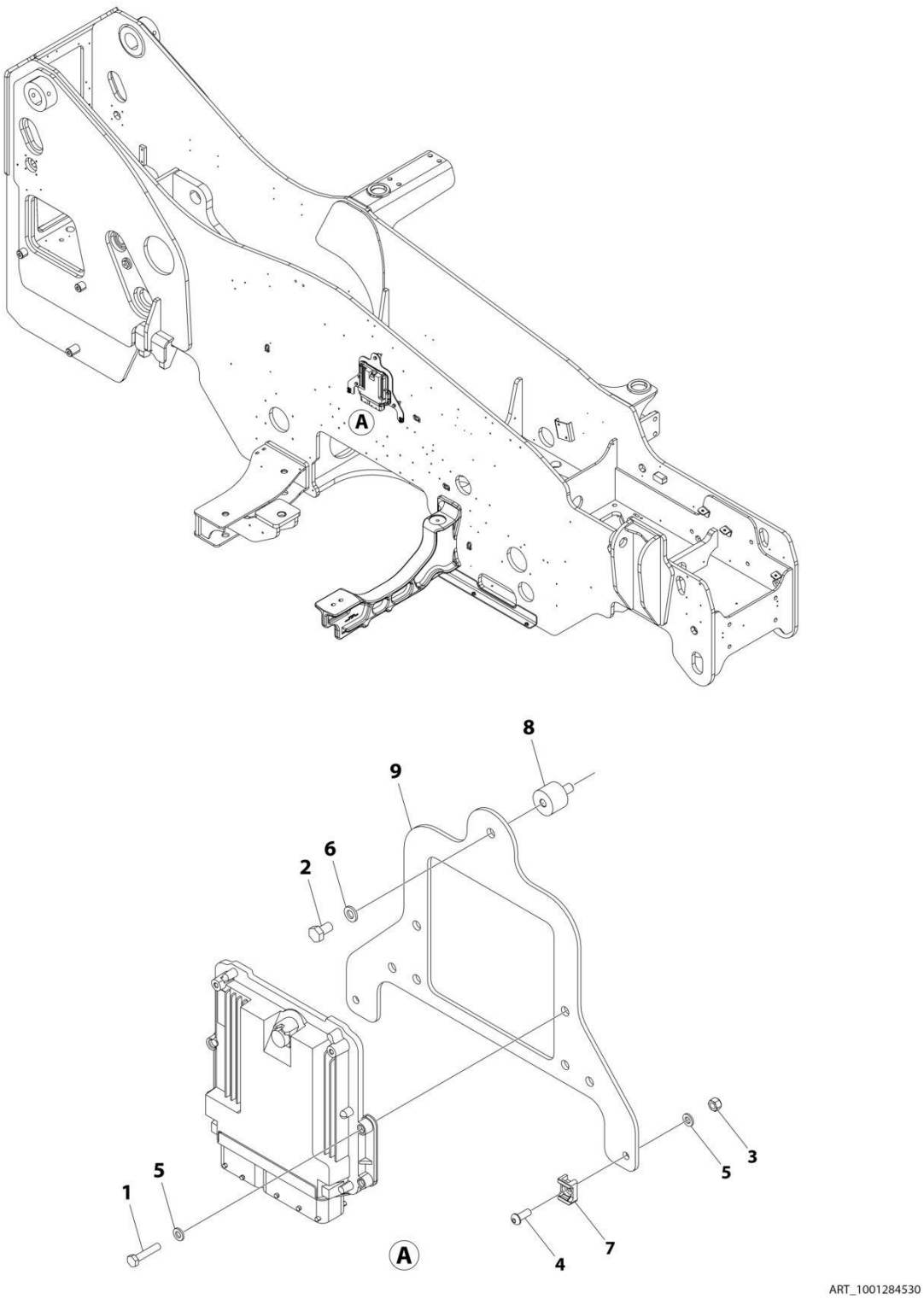



ART_1001228732-A

## FIGURE 10-57. ENGINE - GLOW PLUG RELAY HARNESS (MINING) (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228732 | Ref | Glow Plug Relay Harness (Mining) (ULS) | A |
| 1 | 1001187070 | 1 | Ring, Terminal | |
| 2 | 1001187077 | 1 | Ring, Terminal | |
| 3 | 1001187070 | 1 | Ring, Terminal | |
| 4 | 4460536 | 1 | Connector | |
| 5 | 4460464 | 3 | Terminal | |

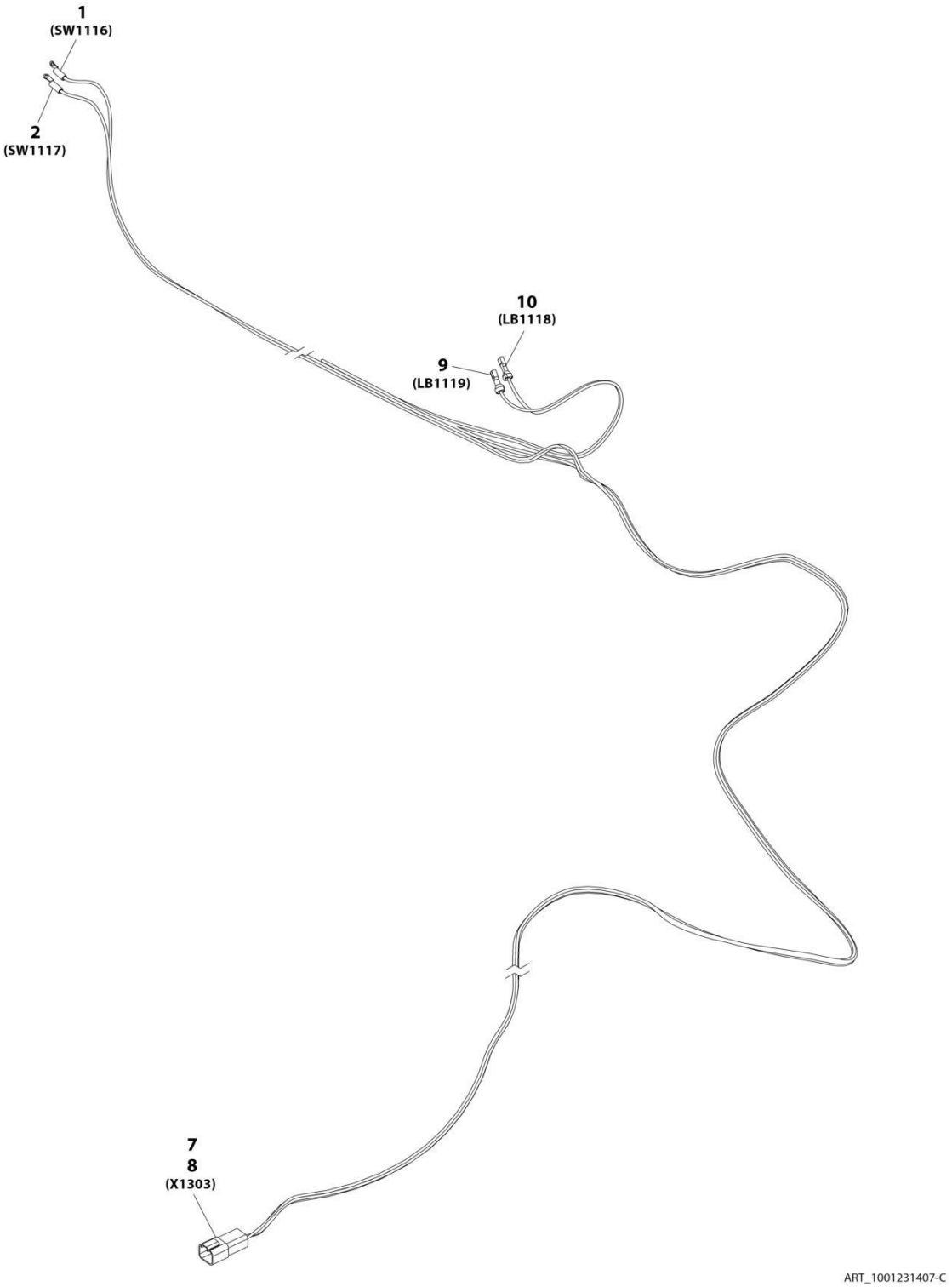
## FIGURE 10-58. ENGINE ECU INSTALLATION



## FIGURE 10-58. ENGINE ECU INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001284538 | Ref | ENGINE ECU INSTALLATION | A |
| 1 | 0700614 | 4 | Bolt M6 x 30 | |
| 2 | 0760807 | 3 | Bolt M8 x 14 | |
| 3 | 3290605 | 2 | Nut M6 | |
| 4 | 3900357 | 2 | Capscrew M6 x 16 | |
| 5 | 4811700 | 6 | Washer M6 | |
| 6 | 4831900 | 3 | Washer M8 | |
| 7 | 1001138645 | 2 | Mount, Cable Tie | |
| 8 | 1001179907 | 3 | Mount, Isolator | |
| 9 | 1001284534 | 1 | Bracket | |

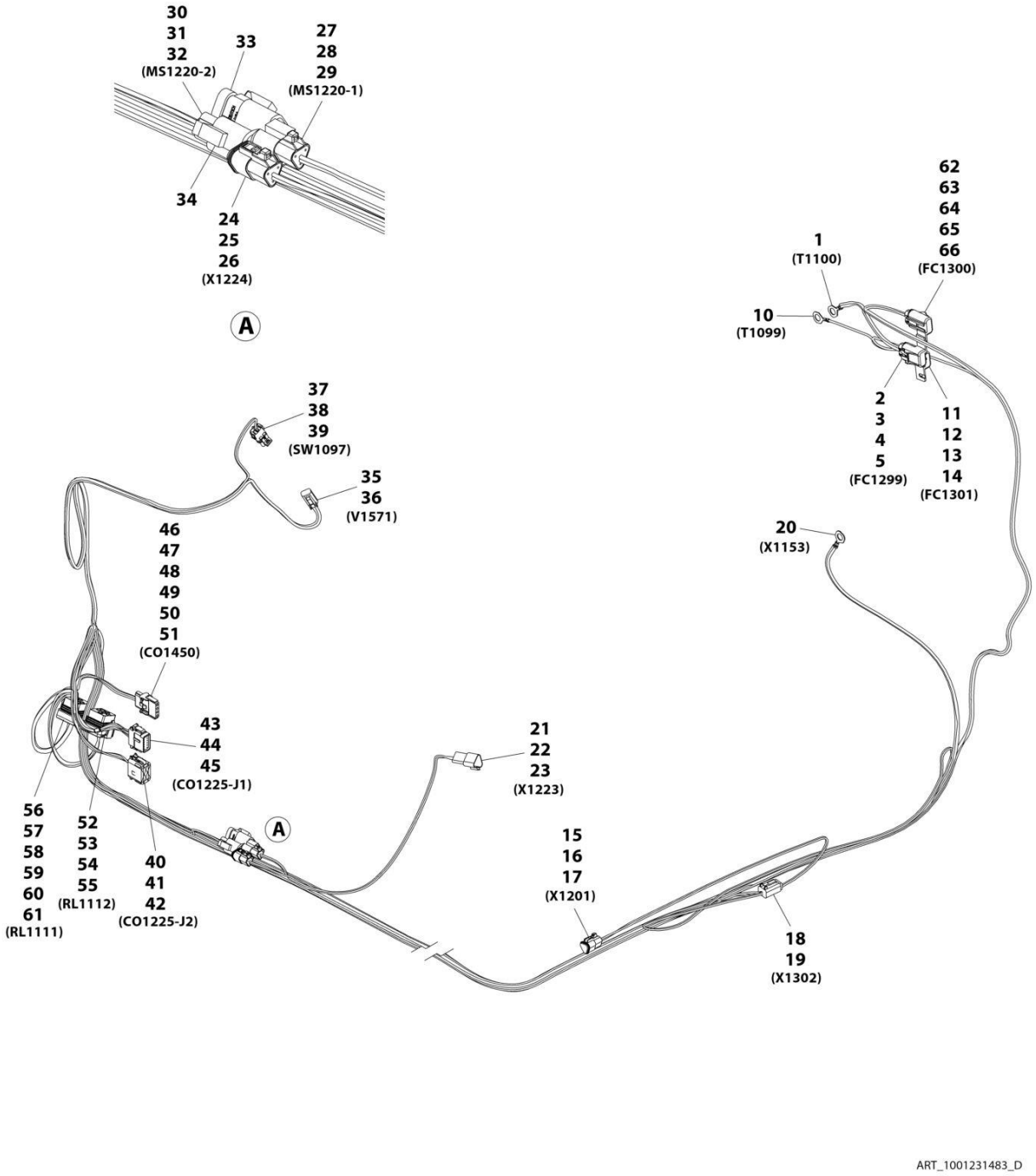
## FIGURE 10-59. ENGINE - AIR SHUTOFF VALVE HARNESS



## FIGURE 10-59. ENGINE - AIR SHUTOFF VALVE HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001231407 | 1 | Air Shutoff Valve Harness | C |
| 1 | 8220035 | 1 | Terminal, Ring | |
| 2 | 8220035 | 1 | Terminal, Ring | |
| 7 | 4460932 | 1 | Connector | |
| 8 | 4460464 | 4 | Pin | |
| 9 | 8220108 | 1 | Connector, Female | |
| 10 | 8220108 | 1 | Connector, Female | |

## FIGURE 10-60. ENGINE - AIR SHUT OFF VALVE HARNESS (ENGINE)



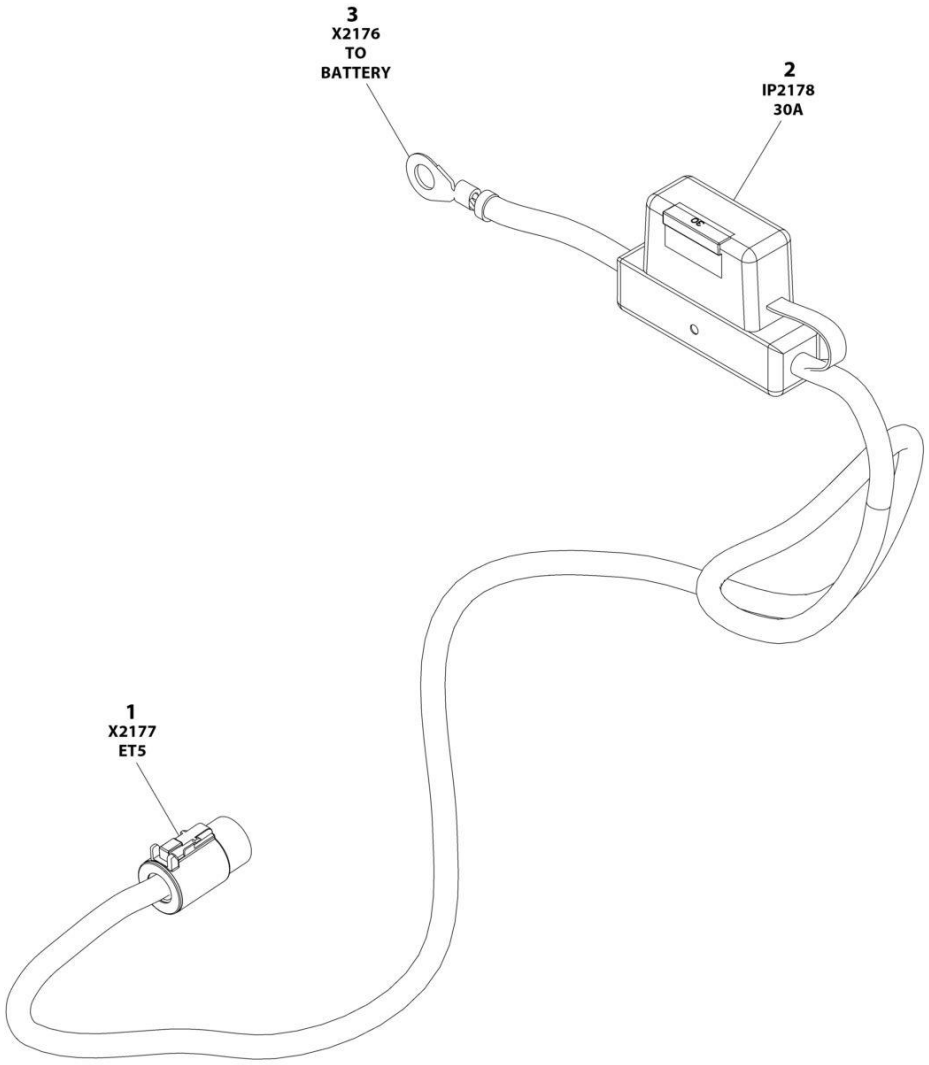
## FIGURE 10-60. ENGINE - AIR SHUT OFF VALVE HARNESS (ENGINE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001231483 | Ref | Air Shut Off Valve Harness (Engine) | D |
| 1 | 1001187079 | 1 | Terminal, Ring | |
| 2 | 1001231397 | 1 | Connector | |
| 3 | 8229235 | 1 | Fuse, 20amp | |
| 4 | 1001231401 | 2 | Terminal | |
| 5 | 1001230402 | 2 | Seal | |
| 10 | 1001187078 | 1 | Terminal, Ring | |
| 11 | 1001231397 | 1 | Connector | |
| 12 | 8229261 | 1 | Fuse, 5amp | |
| 13 | 1001231400 | 2 | Terminal | |
| 14 | 1001230403 | 2 | Seal | |
| 15 | 1001116812 | 1 | Connector | |
| 16 | 4460465 | 2 | Terminal | |
| 17 | 4460466 | 1 | Plug | |
| 18 | 4460884 | 1 | Connector | |
| 19 | 4460465 | 4 | Terminal | |
| 20 | 1001187079 | 1 | Terminal, Ring | |
| 21 | 1001144147 | 1 | Connector | |
| 22 | 4460464 | 2 | Terminal | |
| 23 | 4460466 | 1 | Plug | |
| 24 | 1001116812 | 1 | Connector | |
| 25 | 4460465 | 2 | Terminal | |
| 26 | 4460466 | 1 | Plug | |
| 27 | 1001116812 | 1 | Connector | |
| 28 | 4460465 | 2 | Terminal | |
| 29 | 4460466 | 1 | Plug | |
| 30 | 4460539 | 1 | Connector | |
| 31 | 4460465 | 2 | Terminal | |
| 32 | 4460466 | 1 | Plug | |
| 33 | 1001116815 | 1 | Connector, 3 Pin | |
| 34 | 4460945 | 1 | Terminal, 3 Way "T" Receptacle | |
| 35 | 4460891 | 1 | Connector | |
| 36 | 1001157890 | 2 | Terminal | |
| 37 | 4460742 | 1 | Connector | |
| 38 | 4460475 | 2 | Terminal | |
| 39 | 4460458 | 2 | Plug | |
| 40 | 1001116774 | 1 | Connector | |
| 41 | 4460518 | 8 | Plug | |
| 42 | 1001126008 | 4 | Terminal | |
| 43 | 1001116808 | 1 | Connector | |
| 44 | 1001126008 | 9 | Terminal | |
| 45 | 4460518 | 3 | Plug | |
| 46 | 4460761 | 1 | Connector | |
| 47 | 4460321 | 1 | Terminal | |
| 48 | 1001118378 | 4 | Terminal | |
| 49 | 4460809 | 4 | Plug | |
| 50 | 1001143551 | 1 | Seal | |
| 51 | 1001218358 | 1 | Lanyard Rope | |
| 52 | 1001231398 | 1 | Connector | |
| 53 | 1001231400 | 4 | Terminal | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 54 | 1001231404 | 4 | Seal | |
| 55 | 1001231406 | 1 | Plug | |
| 56 | 1001231398 | 1 | Connector | |
| 57 | 1001231401 | 2 | Terminal | |
| 58 | 1001231402 | 2 | Seal | |
| 59 | 1001231400 | 2 | Terminal | |
| 60 | 1001231404 | 2 | Seal | |
| 61 | 1001231406 | 1 | Plug | |
| 62 | 1001231397 | 1 | Connector | |
| 63 | 8229234 | 1 | Fuse, 10amp | |
| 64 | 1001231400 | 2 | Terminal | |
| 65 | 1001230403 | 1 | Seal | |
| 66 | 1001230404 | 1 | Seal | |

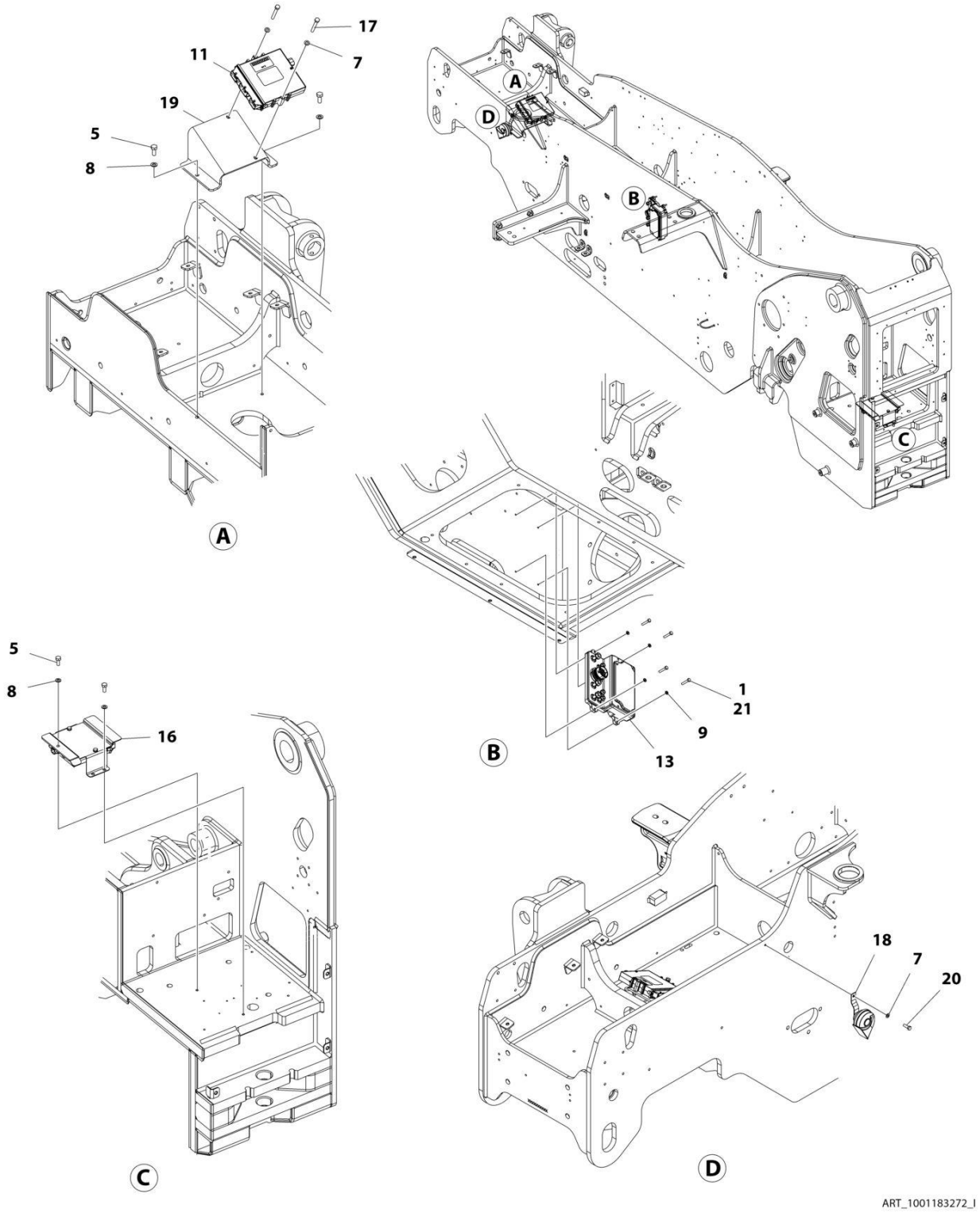
## FIGURE 10-61. ECM POWER CABLE



## FIGURE 10-61. ECM POWER CABLE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001293972 | Ref | ECM POWER CABLE | A |
| 1 | 1001293902 | 1 | Connector Plug | |
| 2 | 1001293900 | 1 | Fuse, Holder | |
| 3 | 1001187076 | 1 | Terminal, Ring | |

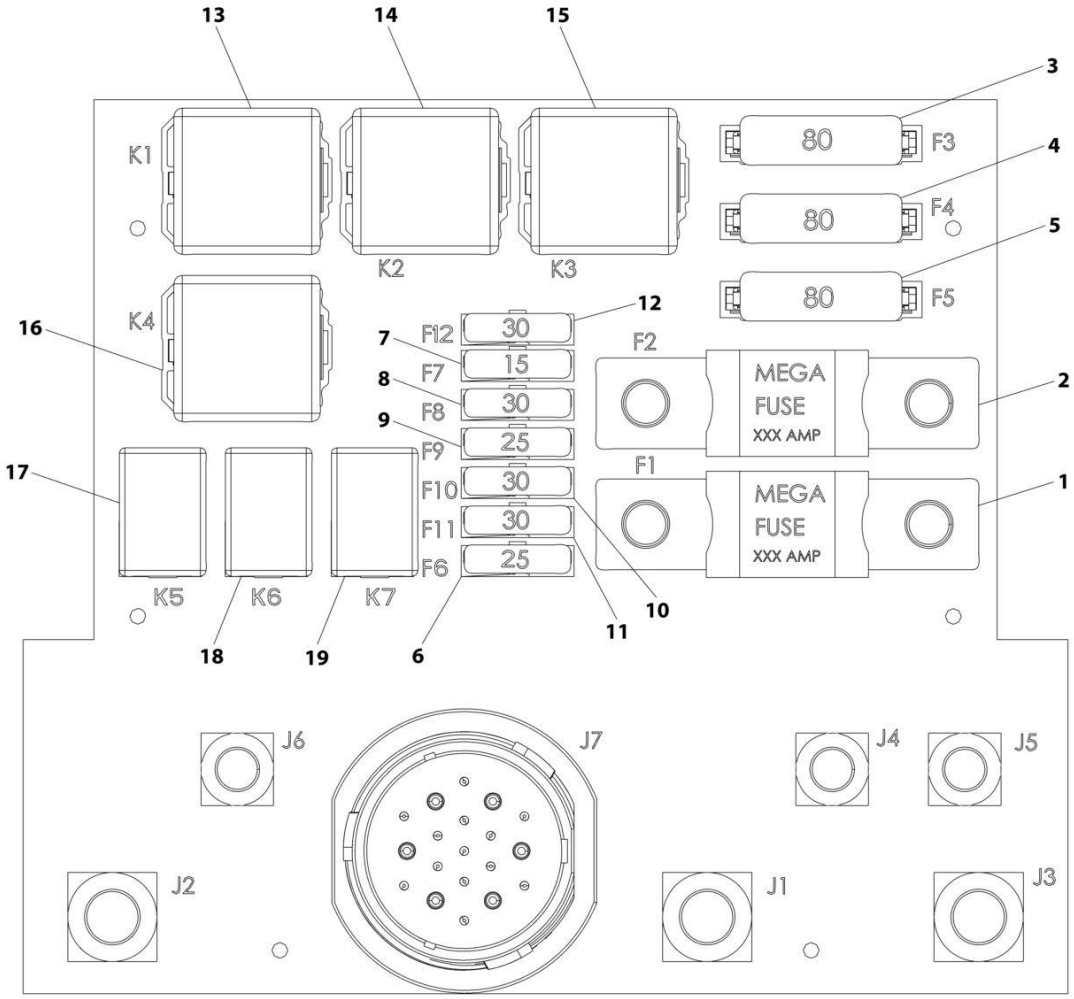
## FIGURE 10-62. FRAME ELECTRICAL INSTALLATION



## FIGURE 10-62. FRAME ELECTRICAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183272 | Ref | FRAME ELECTRICAL INSTALLATION | I |
| 1 | 0700614 | 4 | Bolt M6 x 30 | |
| 5 | 0761012 | 4 | Bolt M10 x 25 | |
| 7 | 4811900 | 3 | Washer M8 | |
| 8 | 4812000 | 4 | Washer M10 | |
| 9 | 4831700 | 4 | Washer M6 | |
| 11 | 1001270467 | 1 | Control, Front Frame Module | |
| 13 | 1001164402 | 1 | Box, Power Distribution Electrical (See Separate Breakdown in this Section) | |
| 16 | 1001210770 | 1 | Installation, Rear Frame Module (See Separate Breakdown in this Section) | |
| 17 | 0700820 | 2 | Bolt M8 x 60 | |
| 18 | 10713707 | 1 | Horn | |
| 19 | 1001215208 | 1 | Bracket | |
| 20 | 0760812 | 1 | Bolt M8 x 25 | |
| 21 | 1001180620 | AR | Adhesive, Loctite | |

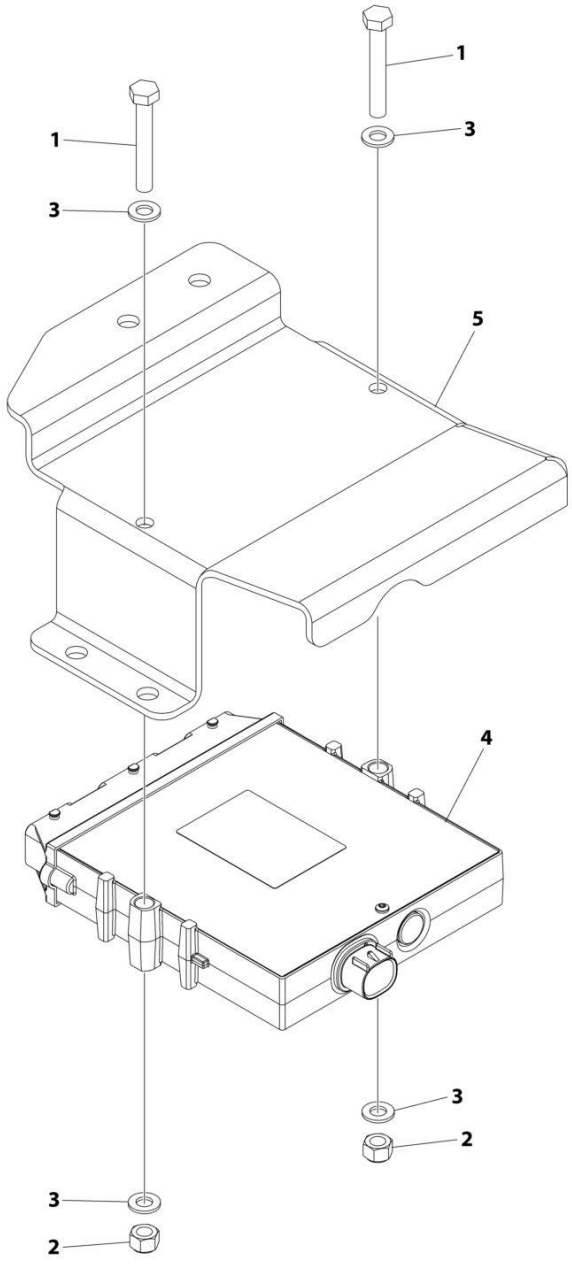
## FIGURE 10-63. FRAME - POWER DISTRIBUTION ELECTRICAL BOX



## FIGURE 10-63. FRAME - POWER DISTRIBUTION ELECTRICAL BOX

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001164402 | Ref | Power Distribution Electrical Box | G |
| 1 | 1001095336 | 1 | Fuse, 150AMP | |
| 2 | 70026296 | 1 | Fuse, 200AMP | |
| 3 | 70026297 | 1 | Fuse, 80AMP | |
| 4 | 70026297 | 1 | Fuse, 80AMP | |
| 5 | 70026297 | 1 | Fuse, 80AMP | |
| 6 | 8229247 | 1 | Fuse, 25AMP | |
| 7 | 8229244 | 1 | Fuse, 15AMP | |
| 8 | 8229245 | 1 | Fuse, 30AMP | |
| 9 | 8229247 | 1 | Fuse, 25AMP | |
| 10 | 8229245 | 1 | Fuse, 30AMP | |
| 11 | 8229245 | 1 | Fuse, 30AMP | |
| 12 | 8229245 | 1 | Fuse, 30AMP | |
| 13 | 70026294 | 1 | Fuse, 70AMP | |
| 14 | 70026294 | 1 | Fuse, 70AMP | |
| 15 | 70026294 | 1 | Fuse, 70AMP | |
| 16 | 70026294 | 1 | Fuse, 70AMP | |
| 17 | 70026295 | 1 | Fuse, 35AMP | |
| 18 | 70026295 | 1 | Fuse, 35AMP | |
| 19 | 70026295 | 1 | Fuse, 35AMP | |

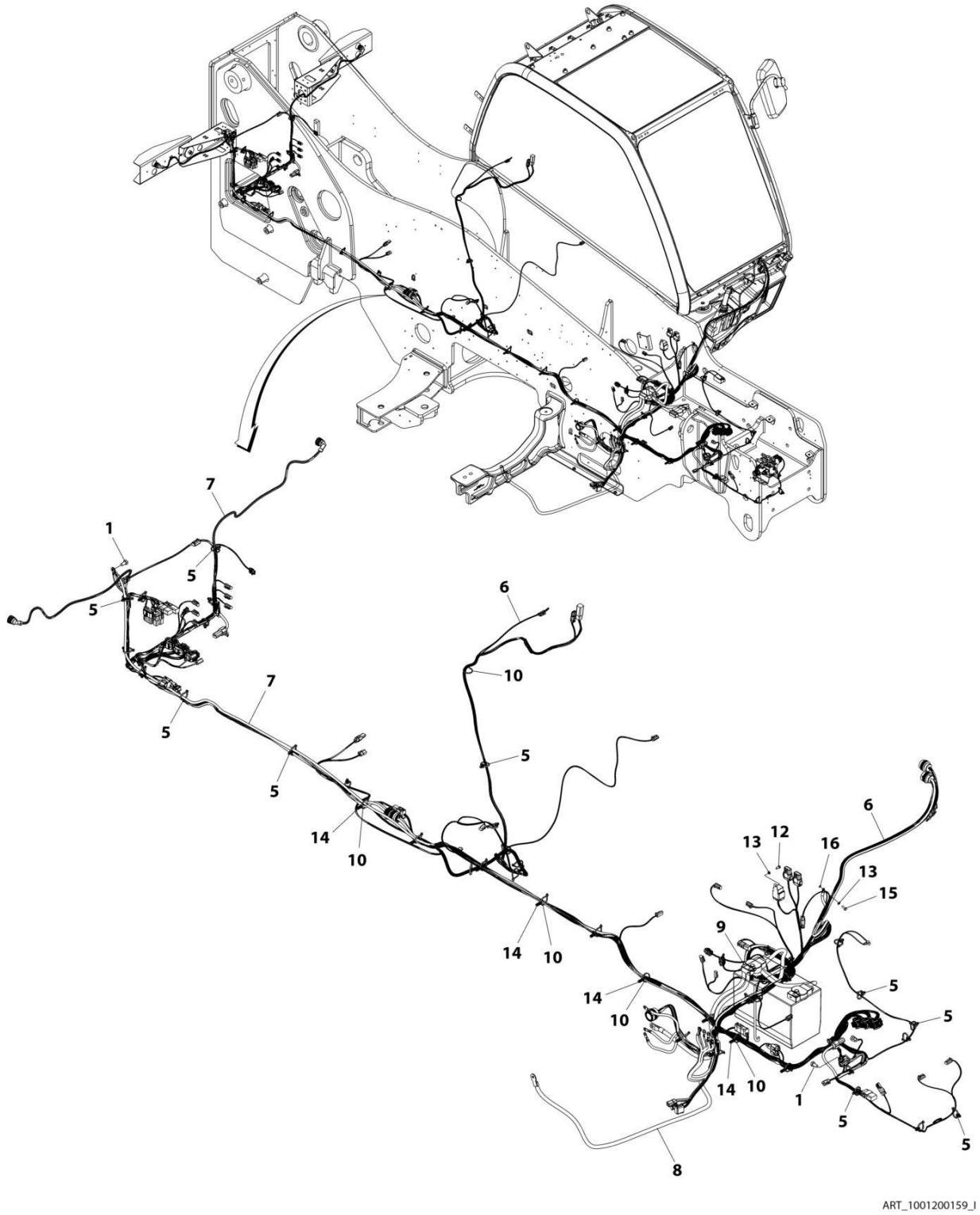
## FIGURE 10-64. FRAME - REAR FRAME MODULE INSTALLATION



## FIGURE 10-64. FRAME - REAR FRAME MODULE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001210770 | Ref | REAR FRAME MODULE INSTALLATION | E |
| 1 | 0700819 | 2 | Bolt M8 x 55 | |
| 2 | 3290805 | 2 | Nut M8 x 1.25 | |
| 3 | 4811900 | 4 | Washer M8 | |
| 4 | 1001270468 | 1 | Control, Rear Frame Module | |
| 5 | 1001255581 | 1 | Bracket | |

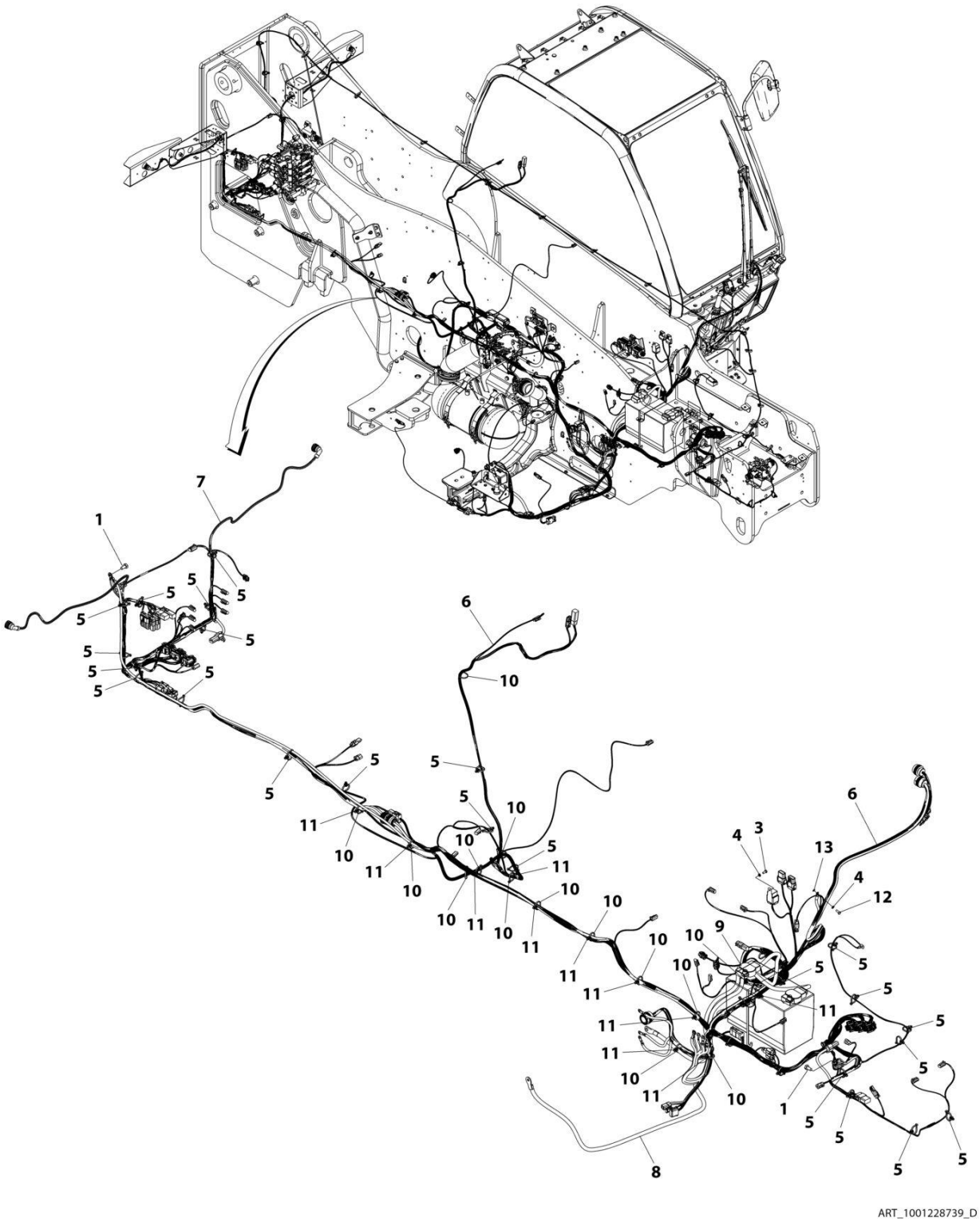
## FIGURE 10-65. FRAME WIRING INSTALLATION



## FIGURE 10-65. FRAME WIRING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200159 | Ref | FRAME WIRING INSTALLATION | I |
| 1 | 0761010 | 2 | Bolt M10 x 20 | |
| 5 | 1001146588 | 25 | Tie, Cable | |
| 6 | 1001281607 | 1 | Harness, Front Frame (See Separate Breakdown in this Section) | |
| 7 | 1001184397 | 1 | Harness, Rear Frame (See Separate Breakdown in this Section) | |
| 8 | 1001200168 | 1 | Cable, Negative Battery | |
| 9 | 1001200169 | 1 | Cable, Positive Battery | |
| 10 | 1001008559 | 16 | Strap, Cable | |
| 12 | 0760607 | 1 | Bolt M6 x 14 | |
| 13 | 4811700 | 2 | Washer M6 | |
| 14 | 1001202986 | 13 | Strap Push Mount | |
| 15 | 0760608 | 1 | Bolt M6 x 16 | |
| 16 | 4871700 | 1 | Washer M6 | |

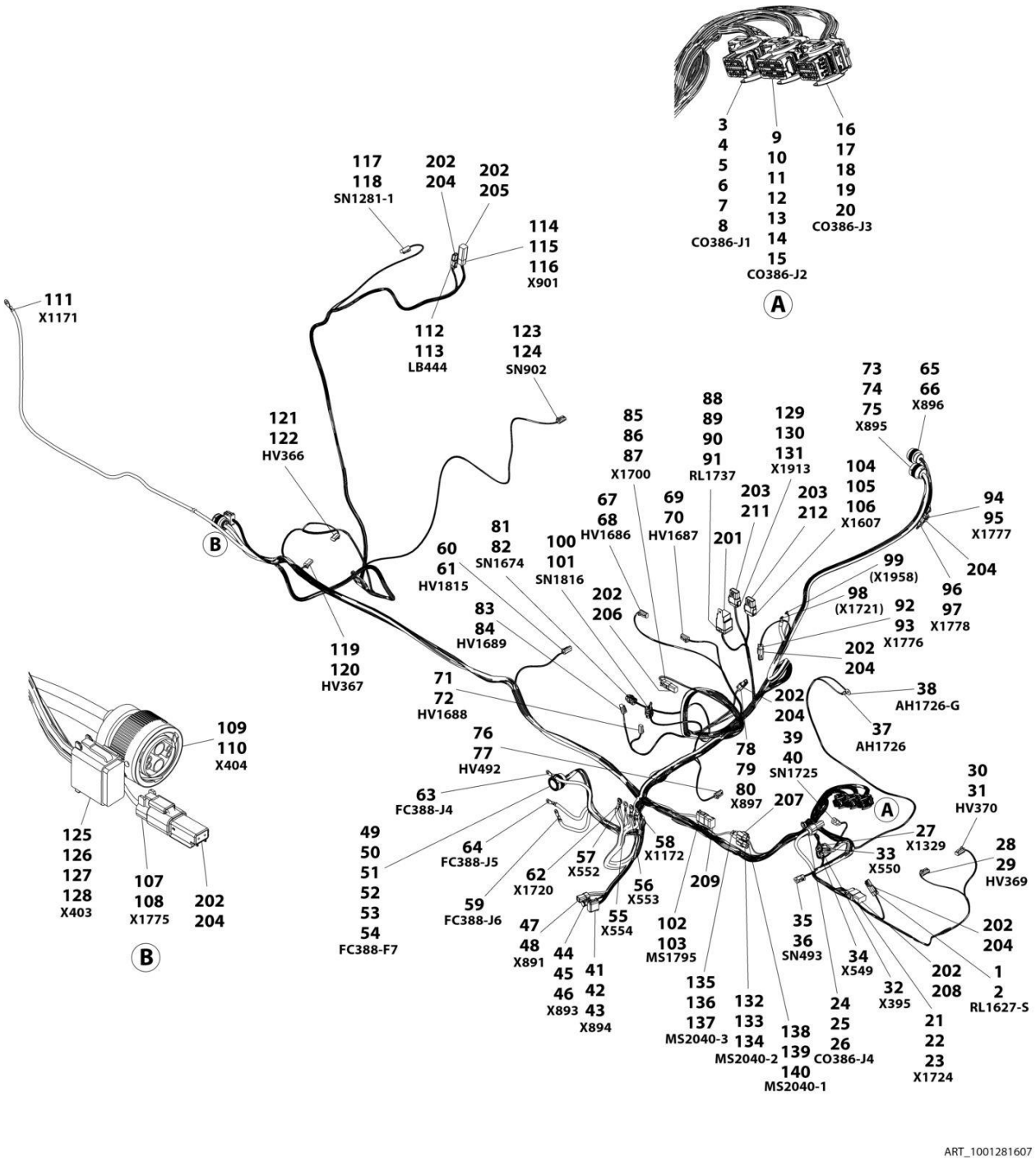
## FIGURE 10-66. FRAME WIRING INSTALLATION, MINING (ULS)



## FIGURE 10-66. FRAME WIRING INSTALLATION, MINING (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228739 | Ref | FRAME WIRING INSTALLATION, MINING (ULS) | D |
| 1 | 0761010 | 2 | Bolt M10 x 20 | |
| 3 | 0760607 | 1 | Bolt M6 x 14 | |
| 4 | 4811700 | 2 | Washer M6 | |
| 5 | 1001146588 | 25 | Tie, Cable | |
| 6 | 1001281752 | 1 | Harness, Front Frame (See Separate Breakdown in this Section) | |
| 7 | 1001228741 | 1 | Harness, Rear Frame (See Separate Breakdown in this Section) | |
| 8 | 1001200168 | 1 | Cable, Negative Battery | |
| 9 | 1001200169 | 1 | Cable, Positive Battery | |
| 10 | 1001008559 | 16 | Strap, Cable | |
| 11 | 1001202986 | 13 | Push Mount, Strap | |
| 12 | 0760608 | 1 | Bolt M6 x 16 | |
| 13 | 4871700 | 1 | Washer M6 | |

## FIGURE 10-67. FRAME - FRONT FRAME HARNESS



## FIGURE 10-67. FRAME - FRONT FRAME HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281607 | Ref | FRONT FRAME HARNESS | A |
| 1 | 4460891 | 1 | Connector | |
| 2 | 4460465 | 2 | Terminal | |
| 3 | 1001161957 | 1 | Connector | |
| 4 | 643191201 | 1 | Cover | |
| 5 | 1001161100 | 12 | Plug | |
| 6 | 1001161097 | 12 | Terminal | |
| 7 | 1001161101 | 5 | Plug | |
| 8 | 1001161098 | 3 | Terminal | |
| 9 | 1001161963 | 1 | Connector | |
| 10 | 643201301 | 1 | Cover | |
| 11 | 1001161097 | 19 | Terminal | |
| 12 | 1001161100 | 21 | Plug | |
| 13 | 1001161099 | 6 | Terminal | |
| 14 | 1001161098 | 1 | Terminal | |
| 15 | 1001161101 | 1 | Plug | |
| 16 | 1001160500 | 1 | Connector | |
| 17 | 643191201 | 1 | Cover | |
| 18 | 1001161097 | 10 | Terminal | |
| 19 | 1001161100 | 15 | Plug | |
| 20 | 1001161099 | 7 | Terminal | |
| 21 | 4460933 | 1 | Connector | |
| 22 | 4460942 | 10 | Terminal | |
| 23 | 4460466 | 2 | Plug | |
| 24 | 1001160509 | 1 | Connector | |
| 25 | 1001160510 | 1 | Terminal | |
| 26 | 1001175267 | 1 | Seal | |
| 27 | 1001187080 | 1 | Ring Terminal | |
| 28 | 4460891 | 1 | Connector | |
| 29 | 4460465 | 2 | Terminal | |
| 30 | 4460891 | 1 | Connector | |
| 31 | 4460465 | 2 | Terminal | |
| 32 | 1001187080 | 1 | Ring Terminal | |
| 33 | 1001187079 | 1 | Ring Terminal | |
| 34 | 1001187079 | 1 | Ring Terminal | |
| 35 | 4460539 | 1 | Connector | |
| 36 | 4460465 | 3 | Terminal | |
| 37 | 8220051 | 1 | Ring Terminal | |
| 38 | 1001187073 | 1 | Ring Terminal | |
| 39 | 4460539 | 1 | Connector | |
| 40 | 4460465 | 3 | Terminal | |
| 41 | 4460933 | 1 | Connector | |
| 42 | 4460465 | 11 | Terminal | |
| 43 | 4460466 | 1 | Plug | |
| 44 | 1001116812 | 1 | Connector | |
| 45 | 4460465 | 2 | Terminal | |
| 46 | 4460466 | 1 | Plug | |
| 47 | 1001116810 | 1 | Connector | |
| 48 | 1001150611 | 4 | Terminal | |
| 49 | 1001165309 | 1 | Connector | |

# SECTION 10 - ELECTRICAL

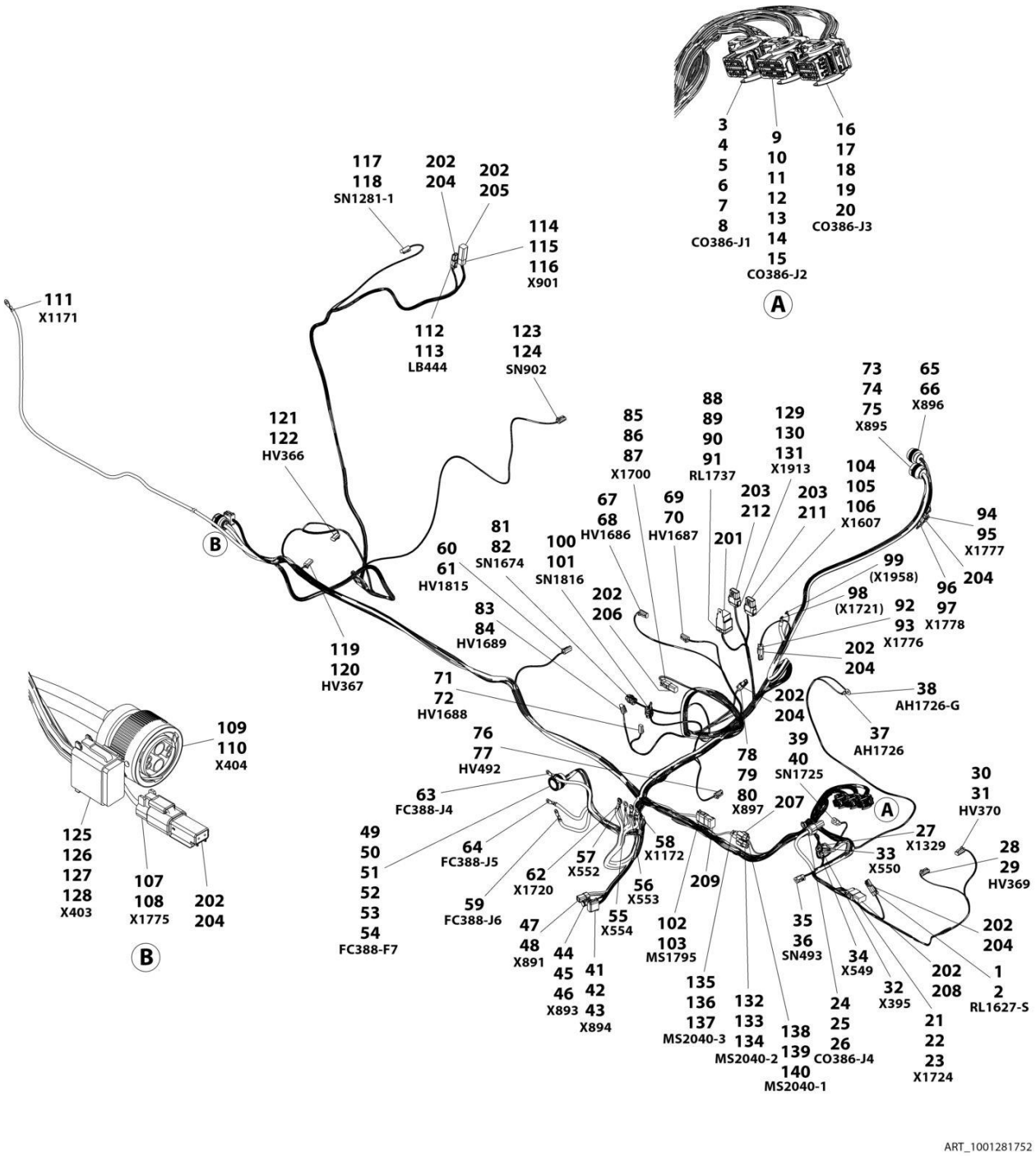
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4460466 | 2 | Plug | |
| 51 | 4460465 | 9 | Terminal | |
| 52 | 4460942 | 2 | Terminal | |
| 53 | 4460509 | 3 | Terminal | |
| 54 | 1001150611 | 3 | Terminal | |
| 55 | 1001187079 | 1 | Ring Terminal | |
| 56 | 1001187076 | 1 | Ring Terminal | |
| 57 | 1001187079 | 1 | Ring Terminal | |
| 58 | 1001187076 | 1 | Ring Terminal | |
| 59 | 1001187075 | 1 | Ring Terminal | |
| 60 | 4460891 | 1 | Connector | |
| 61 | 4460465 | 2 | Terminal | |
| 62 | 1001117109 | 1 | Ring Terminal | |
| 63 | 1001187075 | 1 | Ring Terminal | |
| 64 | 1001187075 | 1 | Ring Terminal | |
| 65 | 4461015 | 1 | Connector | |
| 66 | 4460465 | 14 | Terminal | |
| 67 | 4460891 | 1 | Connector | |
| 68 | 4460465 | 2 | Terminal | |
| 69 | 4460891 | 1 | Connector | |
| 70 | 4460465 | 2 | Terminal | |
| 71 | 4461290 | 1 | Connector | |
| 72 | 4460928 | 2 | Terminal | |
| 73 | 1001118323 | 1 | Connector | |
| 74 | 4460942 | 4 | Terminal | |
| 75 | 91013192 | 2 | Terminal | |
| 76 | 4460891 | 1 | Connector | |
| 77 | 4460465 | 2 | Terminal | |
| 78 | 4460891 | 1 | Connector | |
| 79 | 4460942 | 1 | Terminal | |
| 80 | 4460466 | 1 | Plug | |
| 81 | 1001116950 | 1 | Connector | |
| 82 | 4460465 | 2 | Terminal | |
| 83 | 4460891 | 1 | Connector | |
| 84 | 4460465 | 2 | Terminal | |
| 85 | 4460884 | 1 | Connector | |
| 86 | 4460465 | 3 | Terminal | |
| 87 | 4460942 | 1 | Terminal | |
| 88 | 1001231398 | 1 | Connector | |
| 89 | 1001231400 | 4 | Terminal | |
| 90 | 1001231406 | 1 | Terminal | |
| 91 | 1001231404 | 4 | Plug | |
| 92 | 4460891 | 1 | Connector | |
| 93 | 4460465 | 2 | Terminal | |
| 94 | 4460891 | 1 | Connector | |
| 95 | 4460465 | 2 | Terminal | |
| 96 | 4460897 | 1 | Connector | |
| 97 | 4460464 | 2 | Terminal | |
| 98 | 8220116 | 1 | Ring Terminal | |
| 99 | 1001207173 | 1 | Ring Terminal | |
| 100 | 1001116950 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 4460465 | 2 | Terminal | |
| 102 | 4460930 | 1 | Connector | |
| 103 | 4460465 | 8 | Terminal | |
| 104 | 1001116774 | 1 | Connector | |
| 105 | 4460518 | 10 | Plug | |
| 106 | 1001126008 | 2 | Terminal | |
| 107 | 4460891 | 1 | Connector | |
| 108 | 4460465 | 2 | Terminal | |
| 109 | 1001165310 | 1 | Connector | |
| 110 | 91013192 | 2 | Terminal | |
| 111 | 1001187076 | 1 | Ring Terminal | |
| 112 | 4460891 | 1 | Connector | |
| 113 | 4460942 | 2 | Terminal | |
| 114 | 4460894 | 1 | Connector | |
| 115 | 4460465 | 2 | Terminal | |
| 116 | 4460942 | 4 | Terminal | |
| 117 | 4460891 | 1 | Connector | |
| 118 | 4460465 | 2 | Terminal | |
| 119 | 4460891 | 1 | Connector | |
| 120 | 4460465 | 2 | Terminal | |
| 121 | 4460891 | 1 | Connector | |
| 122 | 4460465 | 2 | Terminal | |
| 123 | 4460891 | 1 | Connector | |
| 124 | 4460465 | 2 | Terminal | |
| 125 | 4460933 | 1 | Connector | |
| 126 | 4460465 | 6 | Terminal | |
| 127 | 4460942 | 1 | Terminal | |
| 128 | 4460466 | 5 | Plug | |
| 129 | 1001116808 | 1 | Connector | |
| 130 | 4460518 | 9 | Plug | |
| 131 | 1001126008 | 3 | Terminal | |
| 132 | 4460539 | 1 | Connector | |
| 133 | 4460944 | 2 | Terminal | |
| 134 | 4460466 | 1 | Plug | |
| 135 | 1001116812 | 1 | Connector | |
| 136 | 4460944 | 2 | Terminal | |
| 137 | 4460466 | 1 | Plug | |
| 138 | 1001116812 | 1 | Connector | |
| 139 | 4460944 | 2 | Terminal | |
| 140 | 4460466 | 1 | Plug | |
| 201 | 3740080 | 1 | Relay | |
| 202 | 4460466 | 32 | Plug | |
| 203 | 4460518 | 24 | Plug | |
| 204 | 4460897 | 6 | Connector | |
| 205 | 4460899 | 1 | Terminal | |
| 206 | 4460932 | 1 | Connector | |
| 207 | 4460945 | 1 | Terminal | |
| 208 | 4460970 | 1 | Connector | |
| 209 | 4460984 | 1 | Plug | |
| 210 | 1001008559 | 3 | Cable-Tie (Not Shown) | |
| 211 | 1001132170 | 1 | Connector | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 212 | 1001132169 | 1 | Connector | |

## FIGURE 10-68. FRAME - FRONT FRAME HARNESS, MINING




ART_1001281752

## FIGURE 10-68. FRAME - FRONT FRAME HARNESS, MINING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001281752 | Ref | FRONT FRAME HARNESS | A |
| 1 | 4460891 | 1 | Connector | |
| 2 | 4460465 | 2 | Terminal | |
| 3 | 1001161957 | 1 | Connector | |
| 4 | 643191201 | 1 | Cover | |
| 5 | 1001161100 | 12 | Plug | |
| 6 | 1001161097 | 12 | Terminal | |
| 7 | 1001161101 | 5 | Plug | |
| 8 | 1001161098 | 3 | Terminal | |
| 9 | 1001161963 | 1 | Connector | |
| 10 | 643201301 | 1 | Cover | |
| 11 | 1001161097 | 19 | Terminal | |
| 12 | 1001161100 | 21 | Plug | |
| 13 | 1001161099 | 6 | Terminal | |
| 14 | 1001161098 | 1 | Terminal | |
| 15 | 1001161101 | 1 | Plug | |
| 16 | 1001160500 | 1 | Connector | |
| 17 | 643191201 | 1 | Cover | |
| 18 | 1001161097 | 10 | Terminal | |
| 19 | 1001161100 | 15 | Plug | |
| 20 | 1001161099 | 7 | Terminal | |
| 21 | 4460933 | 1 | Connector | |
| 22 | 4460942 | 10 | Terminal | |
| 23 | 4460466 | 2 | Plug | |
| 24 | 1001160509 | 1 | Connector | |
| 25 | 1001160510 | 1 | Terminal | |
| 26 | 1001175267 | 1 | Seal | |
| 27 | 1001187080 | 1 | Ring Terminal | |
| 28 | 4460891 | 1 | Connector | |
| 29 | 4460465 | 2 | Terminal | |
| 30 | 4460891 | 1 | Connector | |
| 31 | 4460465 | 2 | Terminal | |
| 32 | 1001187080 | 1 | Ring Terminal | |
| 33 | 1001187079 | 1 | Ring Terminal | |
| 34 | 1001187079 | 1 | Ring Terminal | |
| 35 | 4460539 | 1 | Connector | |
| 36 | 4460465 | 3 | Terminal | |
| 37 | 8220051 | 1 | Ring Terminal | |
| 38 | 1001187073 | 1 | Ring Terminal | |
| 39 | 4460539 | 1 | Connector | |
| 40 | 4460465 | 3 | Terminal | |
| 41 | 4460933 | 1 | Connector | |
| 42 | 4460465 | 11 | Terminal | |
| 43 | 4460466 | 1 | Plug | |
| 44 | 1001116812 | 1 | Connector | |
| 45 | 4460465 | 2 | Terminal | |
| 46 | 4460466 | 1 | Plug | |
| 47 | 1001116810 | 1 | Connector | |
| 48 | 1001150611 | 4 | Terminal | |
| 49 | 1001165309 | 1 | Connector | |

# SECTION 10 - ELECTRICAL

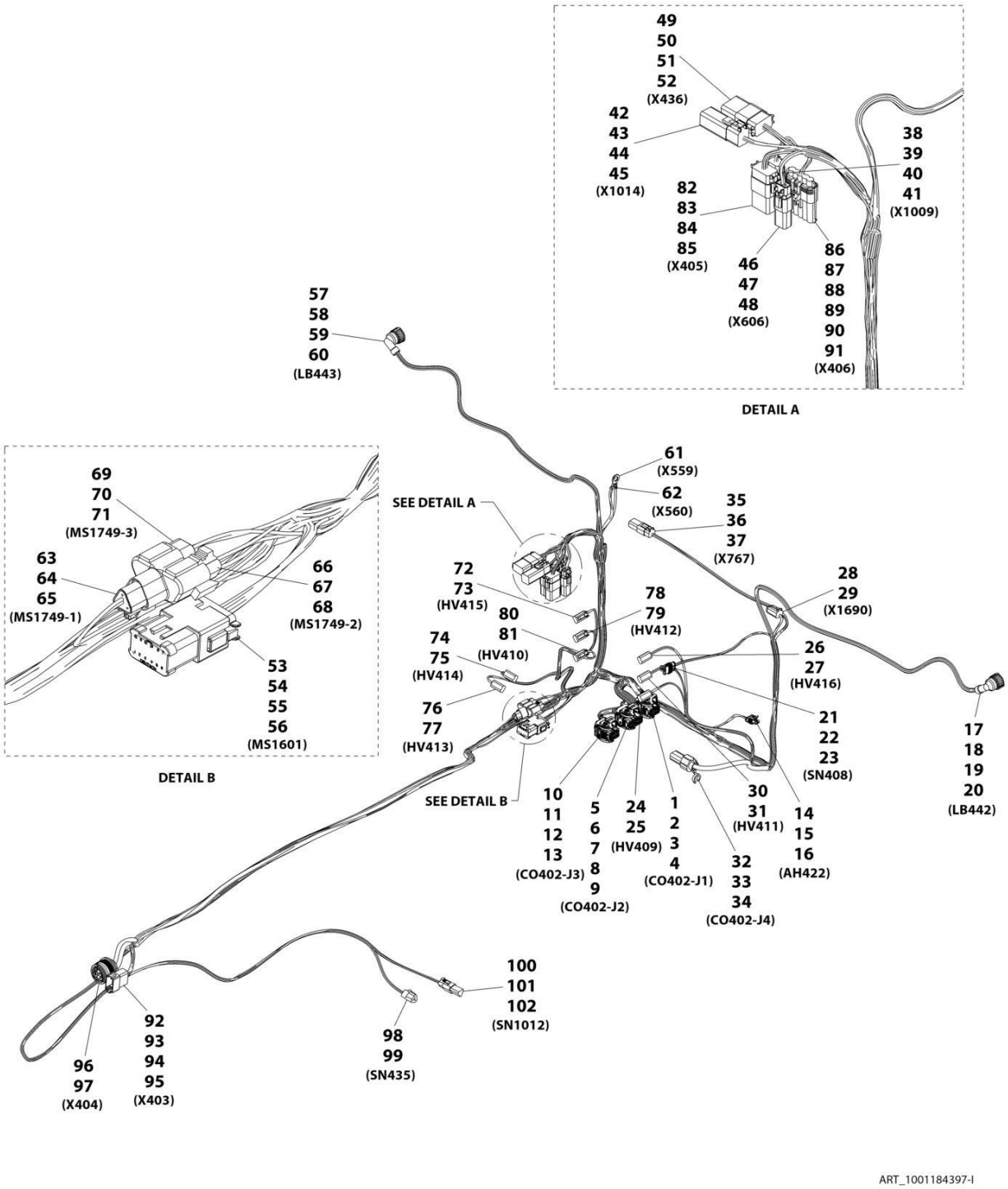
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4460466 | 2 | Plug | |
| 51 | 4460465 | 9 | Terminal | |
| 52 | 4460942 | 2 | Terminal | |
| 53 | 4460509 | 3 | Terminal | |
| 54 | 1001150611 | 3 | Terminal | |
| 55 | 1001187079 | 1 | Ring Terminal | |
| 56 | 1001187076 | 1 | Ring Terminal | |
| 57 | 1001187079 | 1 | Ring Terminal | |
| 58 | 1001187076 | 1 | Ring Terminal | |
| 59 | 1001187075 | 1 | Ring Terminal | |
| 60 | 4460891 | 1 | Connector | |
| 61 | 4460465 | 2 | Terminal | |
| 62 | 1001117109 | 1 | Ring Terminal | |
| 63 | 1001187075 | 1 | Ring Terminal | |
| 64 | 1001187075 | 1 | Ring Terminal | |
| 65 | 4461015 | 1 | Connector | |
| 66 | 4460465 | 14 | Terminal | |
| 67 | 4460891 | 1 | Connector | |
| 68 | 4460465 | 2 | Terminal | |
| 69 | 4460891 | 1 | Connector | |
| 70 | 4460465 | 2 | Terminal | |
| 71 | 4461290 | 1 | Connector | |
| 72 | 4460928 | 2 | Terminal | |
| 73 | 1001118323 | 1 | Connector | |
| 74 | 4460942 | 4 | Terminal | |
| 75 | 91013192 | 2 | Terminal | |
| 76 | 4460891 | 1 | Connector | |
| 77 | 4460465 | 2 | Terminal | |
| 78 | 4460891 | 1 | Connector | |
| 79 | 4460942 | 1 | Terminal | |
| 80 | 4460466 | 1 | Plug | |
| 81 | 1001116950 | 1 | Connector | |
| 82 | 4460465 | 2 | Terminal | |
| 83 | 4460891 | 1 | Connector | |
| 84 | 4460465 | 2 | Terminal | |
| 85 | 4460884 | 1 | Connector | |
| 86 | 4460465 | 3 | Terminal | |
| 87 | 4460942 | 1 | Terminal | |
| 88 | 1001231398 | 1 | Connector | |
| 89 | 1001231400 | 4 | Terminal | |
| 90 | 1001231406 | 1 | Terminal | |
| 91 | 1001231404 | 4 | Plug | |
| 92 | 4460891 | 1 | Connector | |
| 93 | 4460465 | 2 | Terminal | |
| 94 | 4460891 | 1 | Connector | |
| 95 | 4460465 | 2 | Terminal | |
| 96 | 4460897 | 1 | Connector | |
| 97 | 4460464 | 2 | Terminal | |
| 98 | 8220116 | 1 | Ring Terminal | |
| 99 | 1001207173 | 1 | Ring Terminal | |
| 100 | 1001116950 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 4460465 | 2 | Terminal | |
| 102 | 4460930 | 1 | Connector | |
| 103 | 4460465 | 8 | Terminal | |
| 104 | 1001116774 | 1 | Connector | |
| 105 | 4460518 | 10 | Plug | |
| 106 | 1001126008 | 2 | Terminal | |
| 107 | 4460891 | 1 | Connector | |
| 108 | 4460465 | 2 | Terminal | |
| 109 | 1001165310 | 1 | Connector | |
| 110 | 91013192 | 2 | Terminal | |
| 111 | 1001187076 | 1 | Ring Terminal | |
| 112 | 4460891 | 1 | Connector | |
| 113 | 4460942 | 2 | Terminal | |
| 114 | 4460894 | 1 | Connector | |
| 115 | 4460465 | 2 | Terminal | |
| 116 | 4460942 | 4 | Terminal | |
| 117 | 4460891 | 1 | Connector | |
| 118 | 4460465 | 2 | Terminal | |
| 119 | 4460891 | 1 | Connector | |
| 120 | 4460465 | 2 | Terminal | |
| 121 | 4460891 | 1 | Connector | |
| 122 | 4460465 | 2 | Terminal | |
| 123 | 4460891 | 1 | Connector | |
| 124 | 4460465 | 2 | Terminal | |
| 125 | 4460933 | 1 | Connector | |
| 126 | 4460465 | 6 | Terminal | |
| 127 | 4460942 | 1 | Terminal | |
| 128 | 4460466 | 5 | Plug | |
| 129 | 1001116808 | 1 | Connector | |
| 130 | 4460518 | 9 | Plug | |
| 131 | 1001126008 | 3 | Terminal | |
| 132 | 4460539 | 1 | Connector | |
| 133 | 4460944 | 2 | Terminal | |
| 134 | 4460466 | 1 | Plug | |
| 135 | 1001116812 | 1 | Connector | |
| 136 | 4460944 | 2 | Terminal | |
| 137 | 4460466 | 1 | Plug | |
| 138 | 1001116812 | 1 | Connector | |
| 139 | 4460944 | 2 | Terminal | |
| 140 | 4460466 | 1 | Plug | |
| 201 | 3740080 | 1 | Relay | |
| 202 | 4460466 | 32 | Plug | |
| 203 | 4460518 | 24 | Plug | |
| 204 | 4460897 | 6 | Connector | |
| 205 | 4460899 | 1 | Terminal | |
| 206 | 4460932 | 1 | Connector | |
| 207 | 4460945 | 1 | Terminal | |
| 208 | 4460970 | 1 | Connector | |
| 209 | 4460984 | 1 | Plug | |
| 210 | 1001008559 | 3 | Cable-Tie (Not Shown) | |
| 211 | 1001132169 | 1 | Connector | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 212 | 1001132170 | 1 | Connector | |

## FIGURE 10-69. FRAME - REAR FRAME HARNESS



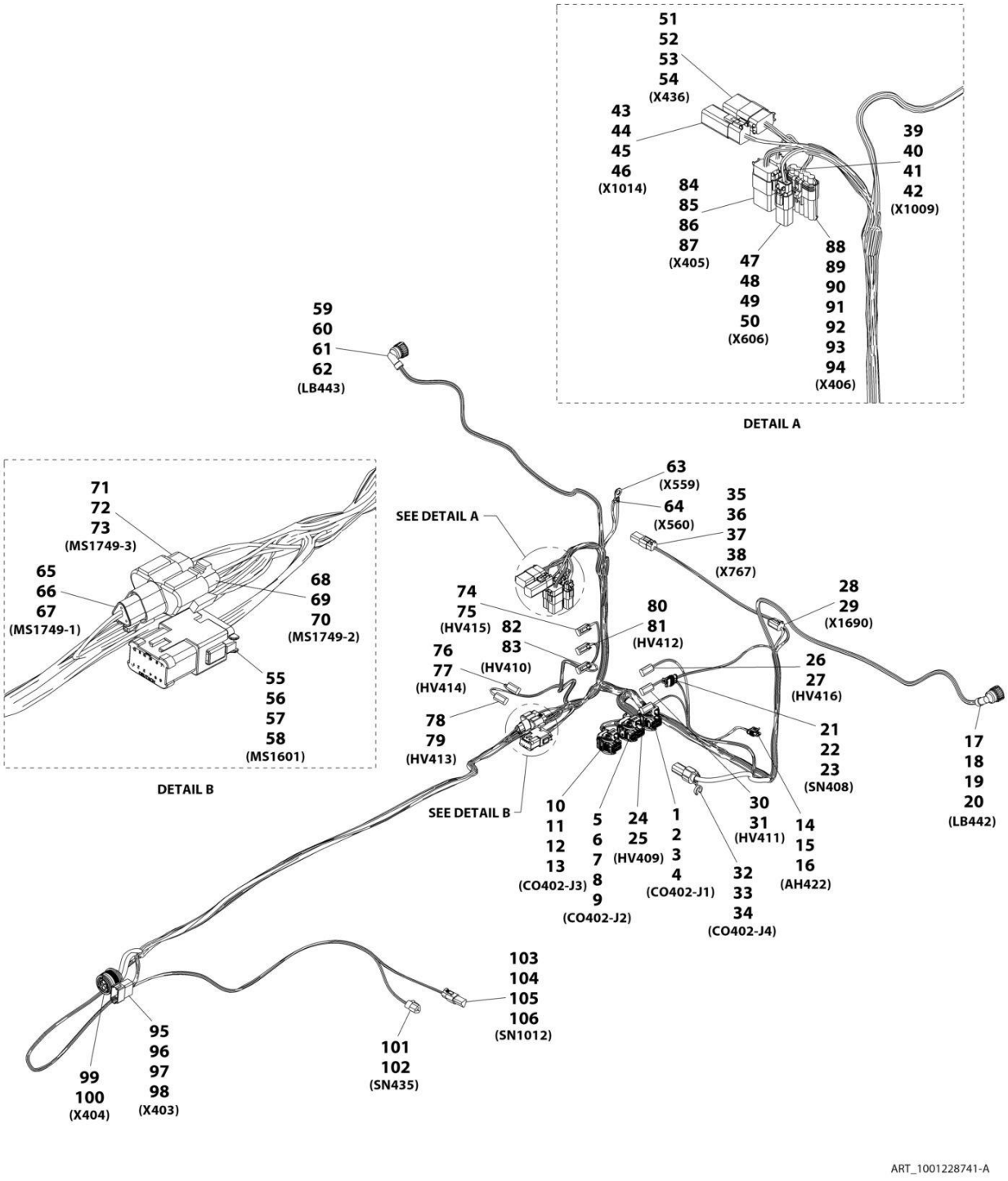
## FIGURE 10-69. FRAME - REAR FRAME HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184397 | Ref | Rear Frame Harness | I |
| 1 | 1001161957 | 1 | Connector | |
| 2 | 1001161097 | 6 | Terminal | |
| 3 | 1001161100 | 18 | Plug | |
| 4 | 1001161101 | 8 | Plug | |
| 5 | 1001161963 | 1 | Connector | |
| 6 | 1001161097 | 26 | Terminal | |
| 7 | 1001161100 | 14 | Plug | |
| 8 | 1001161099 | 6 | Terminal | |
| 9 | 1001161101 | 2 | Plug | |
| 10 | 1001160500 | 1 | Connector | |
| 11 | 1001161100 | 18 | Plug | |
| 12 | 1001161097 | 6 | Terminal | |
| 13 | 1001161099 | 8 | Terminal | |
| 14 | 4461118 | 1 | Connector | |
| 15 | 1001107854 | 2 | Terminal | |
| 16 | 1001116763 | 2 | Terminal Seal | |
| 17 | 1001116996 | 1 | Connector | |
| 18 | 1001118392 | 6 | Terminal | |
| 19 | 1001116696 | 1 | Plug | |
| 20 | 4461054 | 6 | Terminal Seal | |
| 21 | 4461262 | 1 | Connector | |
| 22 | 1001107854 | 3 | Terminal | |
| 23 | 1001104498 | 3 | Terminal Seal | |
| 24 | 4460891 | 1 | Connector | |
| 25 | 4460465 | 2 | Terminal | |
| 26 | 4460891 | 1 | Connector | |
| 27 | 4460465 | 2 | Terminal | |
| 28 | 4460884 | 1 | Connector | |
| 29 | 4460465 | 4 | Terminal | |
| 30 | 4460891 | 1 | Connector | |
| 31 | 4460465 | 2 | Terminal | |
| 32 | 1001160509 | 1 | Connector | |
| 33 | 1001160510 | 1 | Terminal | |
| 34 | 1001175267 | 1 | Terminal Seal | |
| 35 | 4460884 | 1 | Connector | |
| 36 | 4460932 | 1 | Mating Connector | |
| 37 | 4460465 | 4 | Terminal | |
| 38 | 4460884 | 1 | Connector | |
| 39 | 4460932 | 1 | Mating Connector | |
| 40 | 4460466 | 2 | Plug | |
| 41 | 4460465 | 2 | Terminal | |
| 42 | 4460894 | 1 | Connector | |
| 43 | 4460899 | 1 | Mating Connector | |
| 44 | 4460466 | 3 | Plug | |
| 45 | 4460465 | 3 | Terminal | |
| 46 | 4461018 | 1 | Connector | |
| 47 | 4461017 | 1 | Mating Connector | |
| 48 | 4460509 | 2 | Terminal | |
| 49 | 4460930 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4460931 | 1 | Mating Connector | |
| 51 | 4460466 | 2 | Plug | |
| 52 | 4460465 | 6 | Terminal | |
| 53 | 4460933 | 1 | Connector | |
| 54 | 1001125677 | 1 | Bussbar Connector | |
| 55 | 4460465 | 10 | Terminal | |
| 56 | 4460466 | 2 | Plug | |
| 57 | 1001116996 | 1 | Connector | |
| 58 | 1001118392 | 6 | Terminal | |
| 59 | 1001116696 | 1 | Plug | |
| 60 | 4461054 | 6 | Terminal Seal | |
| 61 | 1001187080 | 1 | Ring Terminal | |
| 62 | 1001187079 | 1 | Ring Terminal | |
| 63 | 1001116812 | 1 | Connector | |
| 64 | 4460944 | 2 | Terminal | |
| 65 | 4460466 | 1 | Plug | |
| 66 | 4460539 | 1 | Connector | |
| 67 | 4460944 | 2 | Terminal | |
| 68 | 4460466 | 1 | Plug | |
| 69 | 1001116812 | 1 | Connector | |
| 70 | 4460944 | 2 | Terminal | |
| 71 | 4460466 | 1 | Plug | |
| 72 | 4460891 | 1 | Connector | |
| 73 | 4460465 | 2 | Terminal | |
| 74 | 4460891 | 1 | Connector | |
| 75 | 4460465 | 2 | Terminal | |
| 76 | 4460891 | 1 | Connector | |
| 77 | 4460465 | 2 | Terminal | |
| 78 | 4460891 | 1 | Connector | |
| 79 | 4460465 | 2 | Terminal | |
| 80 | 4460891 | 1 | Connector | |
| 81 | 4460465 | 2 | Terminal | |
| 82 | 4460930 | 1 | Connector | |
| 83 | 4460931 | 1 | Mating Connector | |
| 84 | 4460466 | 2 | Plug | |
| 85 | 4460465 | 6 | Terminal | |
| 86 | 1001121726 | 1 | Connector | |
| 87 | 1001121727 | 1 | Mating Connector | |
| 88 | 1001116728 | 4 | Terminal | |
| 89 | 4460748 | 1 | Plug | |
| 90 | 1001175265 | 3 | Terminal Seal | |
| 91 | 4460458 | 1 | Terminal Seal | |
| 92 | 4460970 | 1 | Connector | |
| 93 | 4460464 | 6 | Terminal | |
| 94 | 4460941 | 1 | Terminal | |
| 95 | 4460466 | 5 | Plug | |
| 96 | 1001165311 | 1 | Connector | |
| 97 | 91013191 | 2 | Terminal | |
| 98 | 4460539 | 1 | Connector | |
| 99 | 4460944 | 3 | Terminal | |
| 100 | 4460539 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 4460536 | 1 | Mating Connector | |
| 102 | 4460465 | 3 | Terminal | |

## FIGURE 10-70. FRAME - REAR FRAME HARNESS, MINING



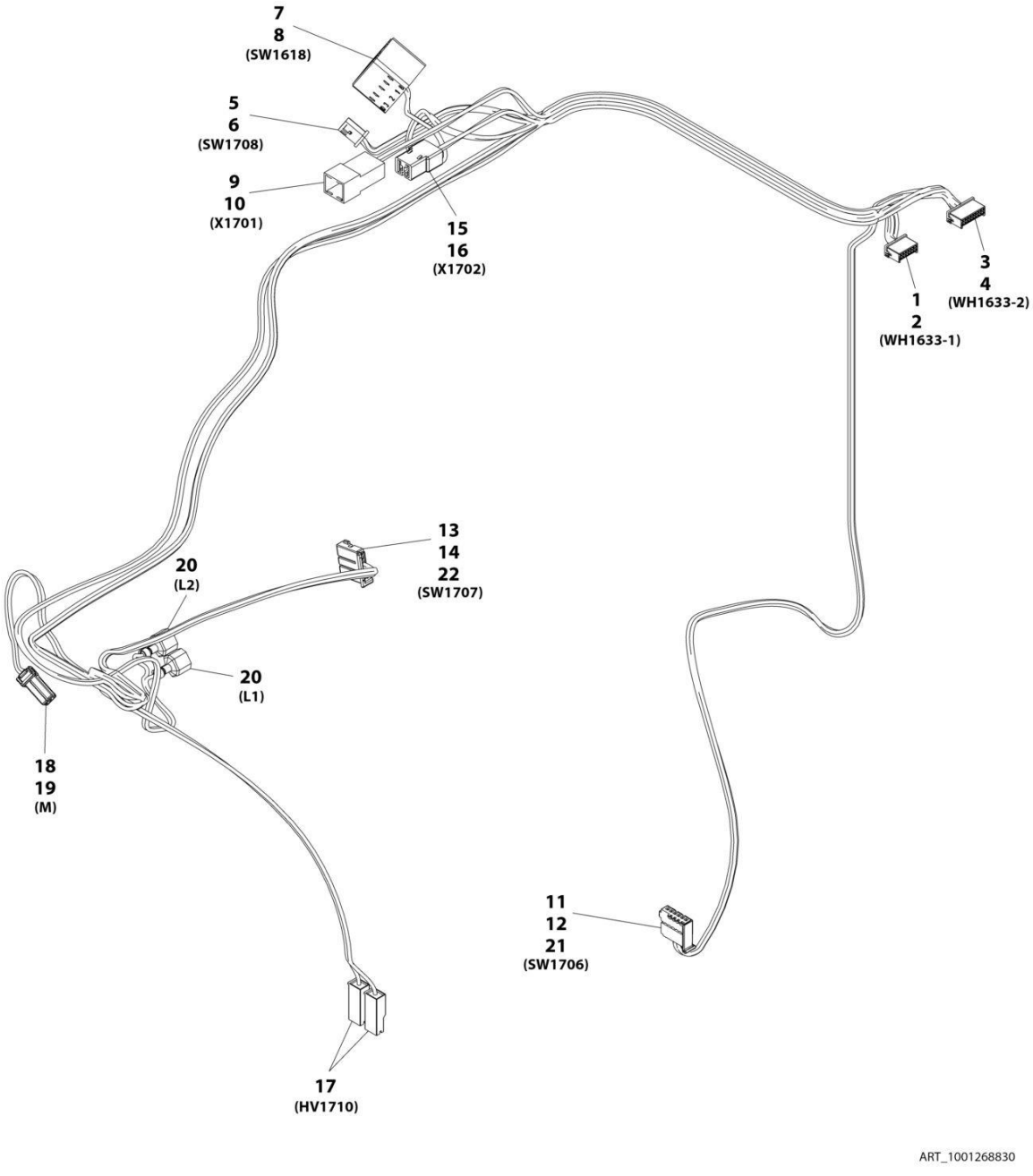
## FIGURE 10-70. FRAME - REAR FRAME HARNESS, MINING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001228741 | Ref | Front Frame Harness, Mining | A |
| 1 | 1001161957 | 1 | Connector | |
| 2 | 1001161097 | 6 | Terminal | |
| 3 | 1001161100 | 18 | Plug | |
| 4 | 1001161101 | 8 | Plug | |
| 5 | 1001161963 | 1 | Connector | |
| 6 | 1001161097 | 26 | Terminal | |
| 7 | 1001161100 | 14 | Plug | |
| 8 | 1001161099 | 6 | Terminal | |
| 9 | 1001161101 | 2 | Plug | |
| 10 | 1001160500 | 1 | Connector | |
| 11 | 1001161100 | 18 | Plug | |
| 12 | 1001161097 | 6 | Terminal | |
| 13 | 1001161099 | 8 | Terminal | |
| 14 | 4461118 | 1 | Connector | |
| 15 | 1001107854 | 2 | Terminal | |
| 16 | 1001116763 | 2 | Terminal Seal | |
| 17 | 1001116996 | 1 | Connector | |
| 18 | 1001118392 | 6 | Terminal | |
| 19 | 1001116696 | 1 | Plug | |
| 20 | 4461054 | 6 | Terminal Seal | |
| 21 | 4461262 | 1 | Connector | |
| 22 | 1001107854 | 3 | Terminal | |
| 23 | 1001104498 | 3 | Terminal Seal | |
| 24 | 4460891 | 1 | Connector | |
| 25 | 4460465 | 2 | Terminal | |
| 26 | 4460891 | 1 | Connector | |
| 27 | 4460465 | 2 | Terminal | |
| 28 | 4460884 | 1 | Connector | |
| 29 | 4460465 | 4 | Terminal | |
| 30 | 4460891 | 1 | Connector | |
| 31 | 4460465 | 2 | Terminal | |
| 32 | 1001160509 | 1 | Connector | |
| 33 | 1001160510 | 1 | Terminal | |
| 34 | 1001175267 | 1 | Terminal Seal | |
| 35 | 4460884 | 1 | Connector | |
| 36 | 4460932 | 1 | Mating Connector | |
| 37 | 4460465 | 4 | Terminal | |
| 38 | 4460466 | 1 | Plug | |
| 39 | 4460884 | 1 | Connector | |
| 40 | 4460932 | 1 | Mating Connector | |
| 41 | 4460466 | 2 | Plug | |
| 42 | 4460465 | 2 | Terminal | |
| 43 | 4460894 | 1 | Connector | |
| 44 | 4460899 | 1 | Mating Connector | |
| 45 | 4460466 | 3 | Plug | |
| 46 | 4460465 | 3 | Terminal | |
| 47 | 4461018 | 1 | Connector | |
| 48 | 4461017 | 1 | Mating Connector | |
| 49 | 4460509 | 2 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 51 | 4460930 | 1 | Connector | |
| 52 | 4460931 | 1 | Mating Connector | |
| 53 | 4460466 | 2 | Plug | |
| 54 | 4460465 | 6 | Terminal | |
| 55 | 4460933 | 1 | Connector | |
| 56 | 1001125677 | 1 | Bussbar Connector | |
| 57 | 4460465 | 10 | Terminal | |
| 58 | 4460466 | 2 | Plug | |
| 59 | 1001116996 | 1 | Connector | |
| 60 | 1001118392 | 6 | Terminal | |
| 61 | 1001116696 | 1 | Plug | |
| 62 | 4461054 | 6 | Terminal Seal | |
| 63 | 1001187080 | 1 | Ring Terminal | |
| 64 | 1001187079 | 1 | Ring Terminal | |
| 65 | 1001116812 | 1 | Connector | |
| 66 | 4460944 | 2 | Terminal | |
| 67 | 4460466 | 1 | Plug | |
| 68 | 4460539 | 1 | Connector | |
| 69 | 4460944 | 2 | Terminal | |
| 70 | 4460466 | 1 | Plug | |
| 71 | 1001116812 | 1 | Connector | |
| 72 | 4460944 | 2 | Terminal | |
| 73 | 4460466 | 1 | Plug | |
| 74 | 4460891 | 1 | Connector | |
| 75 | 4460465 | 2 | Terminal | |
| 76 | 4460891 | 1 | Connector | |
| 77 | 4460465 | 2 | Terminal | |
| 78 | 4460891 | 1 | Connector | |
| 79 | 4460465 | 2 | Terminal | |
| 80 | 4460891 | 1 | Connector | |
| 81 | 4460465 | 2 | Terminal | |
| 82 | 4460891 | 1 | Connector | |
| 83 | 4460465 | 2 | Terminal | |
| 84 | 4460930 | 1 | Connector | |
| 85 | 4460931 | 1 | Mating Connector | |
| 86 | 4460466 | 2 | Plug | |
| 87 | 4460465 | 6 | Terminal | |
| 88 | 1001121726 | 1 | Connector | |
| 89 | 1001121727 | 1 | Mating Connector | |
| 90 | 1001116728 | 4 | Terminal | |
| 91 | 1001116727 | 1 | Plug | |
| 92 | 4460748 | 1 | Plug | |
| 93 | 1001175265 | 3 | Terminal Seal | |
| 94 | 4460458 | 1 | Terminal Seal | |
| 95 | 4460970 | 1 | Connector | |
| 96 | 4460464 | 6 | Terminal | |
| 97 | 4460941 | 1 | Terminal | |
| 98 | 4460466 | 5 | Plug | |
| 99 | 1001165311 | 1 | Connector | |
| 100 | 91013191 | 2 | Terminal | |
| 101 | 4460539 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 102 | 4460944 | 3 | Terminal | |
| 103 | 4460539 | 1 | Connector | |
| 104 | 4460536 | 1 | Mating Connector | |
| 105 | 4460466 | 1 | Plug | |
| 106 | 4460465 | 3 | Terminal | |

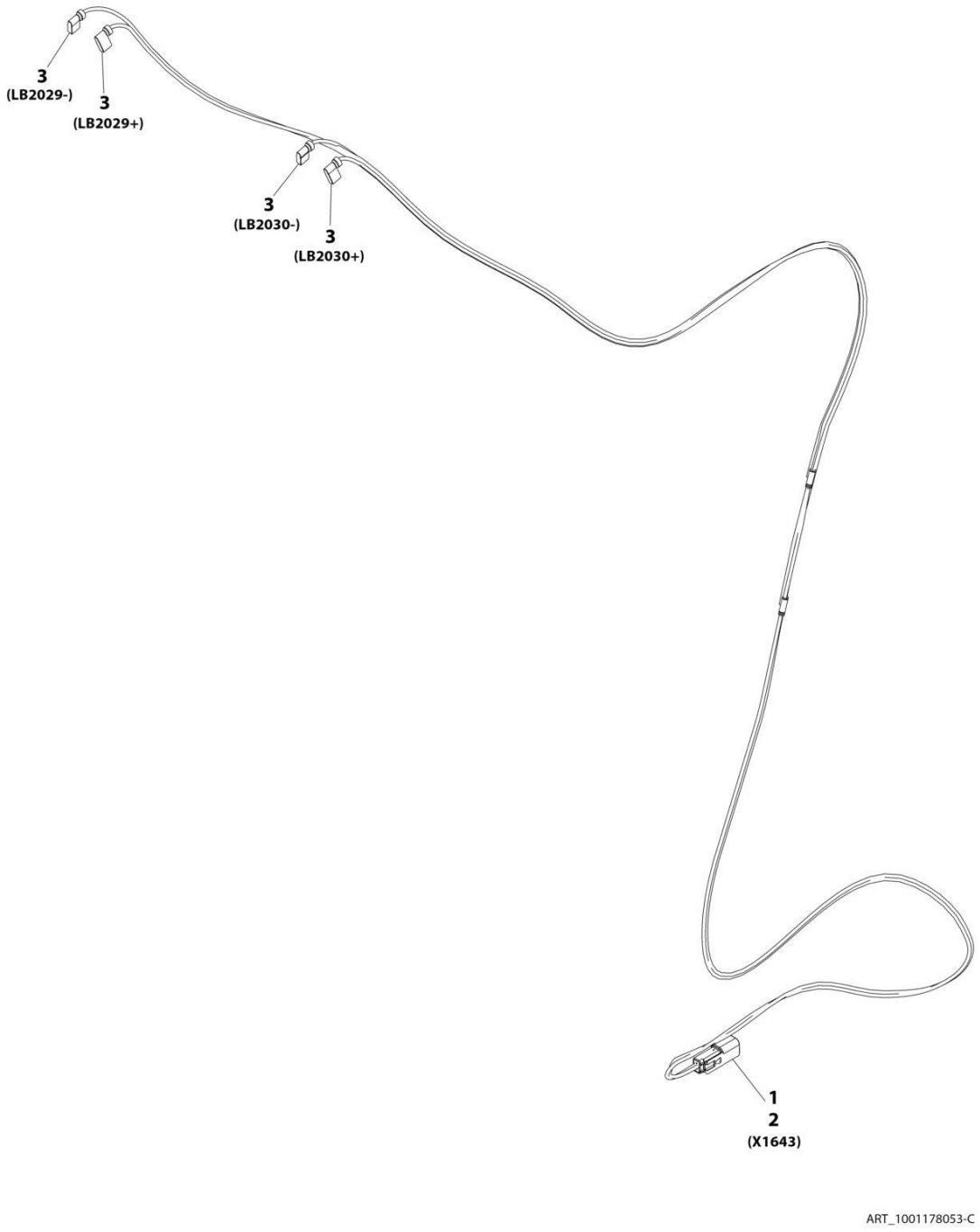
## FIGURE 10-71. HVAC ACTUATOR HARNESS



## FIGURE 10-71. HVAC ACTUATOR HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001268830 | Ref | CAB HVAC ACTUATOR HARNESS | B |
| 1 | 1001274536 | 1 | Connector | |
| 2 | 1001274543 | 10 | Terminal | |
| 3 | 1001274537 | 1 | Connector | |
| 4 | 1001274543 | 8 | Terminal | |
| 5 | 1001184473 | 1 | Connector | |
| 6 | 1001184479 | 3 | Terminal | |
| 7 | 1001274533 | 1 | Connector | |
| 8 | 1001274539 | 4 | Terminal | |
| 9 | 1001116999 | 1 | Connector | |
| 10 | 1001274540 | 2 | Terminal | |
| 11 | 1001274534 | 1 | Connector | |
| 12 | 1001274541 | 2 | Terminal | |
| 13 | 1001274534 | 1 | Connector | |
| 14 | 1001274541 | 5 | Terminal | |
| 15 | 1001116991 | 1 | Connector | |
| 16 | 1001116720 | 2 | Terminal | |
| 17 | 1001274535 | 2 | Connector | |
| 18 | 1001274538 | 1 | Connector | |
| 19 | 1001274544 | 2 | Terminal | |
| 20 | 8220050 | 2 | Terminal | |
| 21 | 1001274553 | 1 | Retainer | |
| 22 | 1001274553 | 1 | Retainer | |

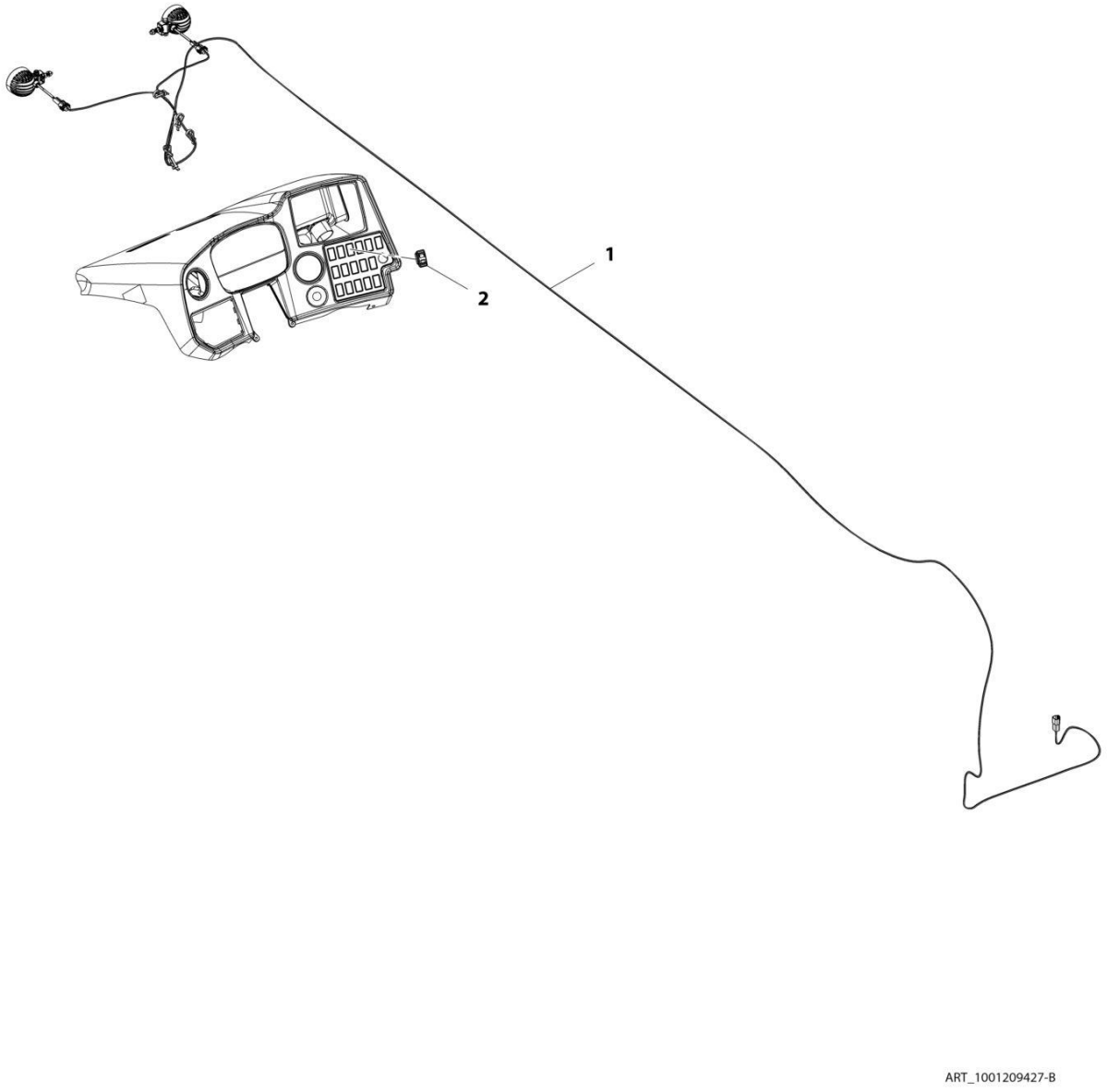
## FIGURE 10-72. LICENSE LIGHT HARNESS



## FIGURE 10-72. LICENSE LIGHT HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178053 | Ref | License Light Harness | C |
| 1 | 4460897 | 1 | Connector | |
| 2 | 4460941 | 2 | Terminal | |
| 3 | 1001190396 | 4 | Connector | |

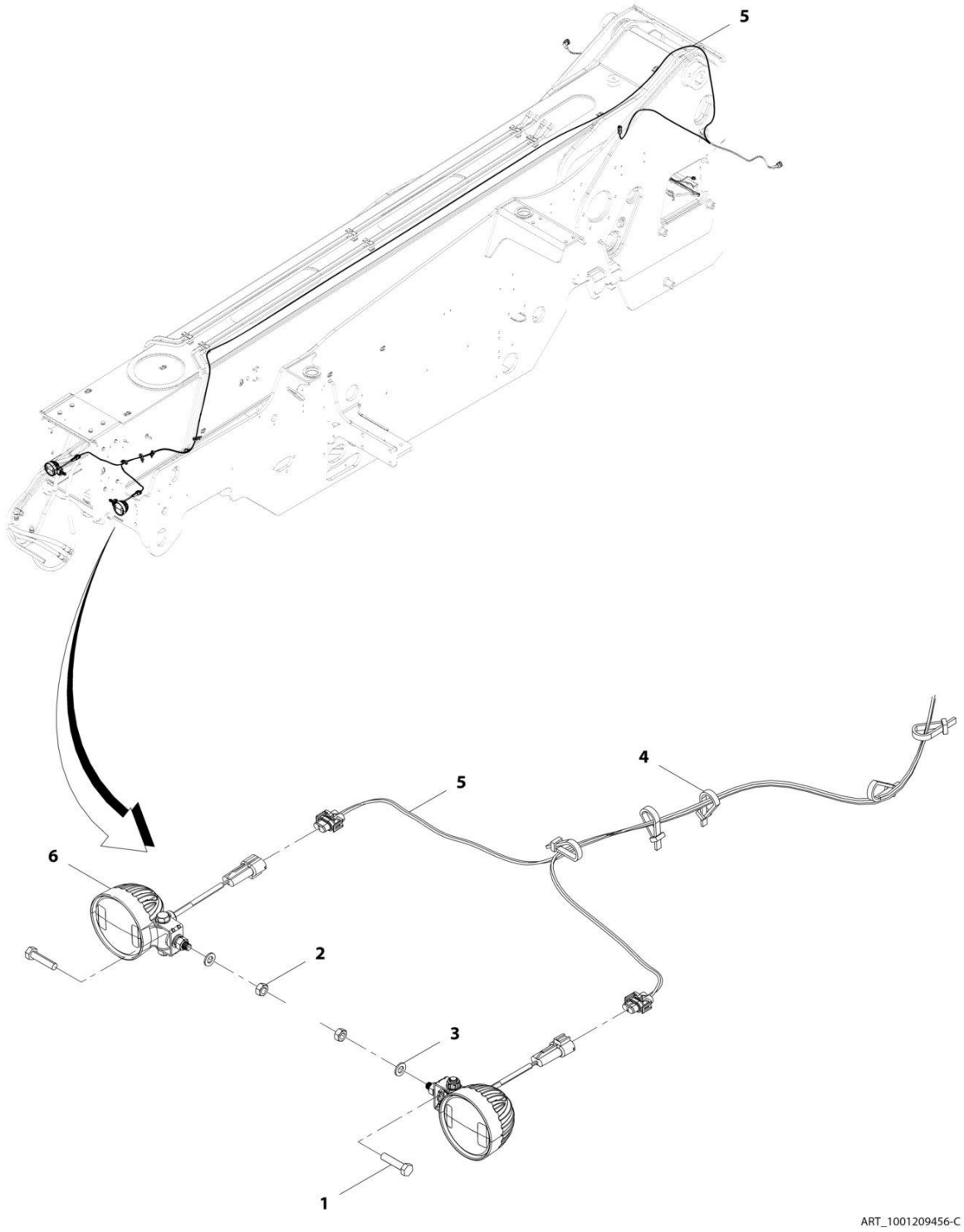
## FIGURE 10-73. LIGHTS - BOOM WORK LIGHTS (LED)



## FIGURE 10-73. LIGHTS - BOOM WORK LIGHTS (LED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001209427 | Ref | Boom Work Lights (LED) | B |
| 1 | 1001159739 | 1 | Switch, Boom Worklights | |
| 2 | 1001209456 | 1 | Installation, LED Boom Work lights (See Separate Breakdown in this Section) | |

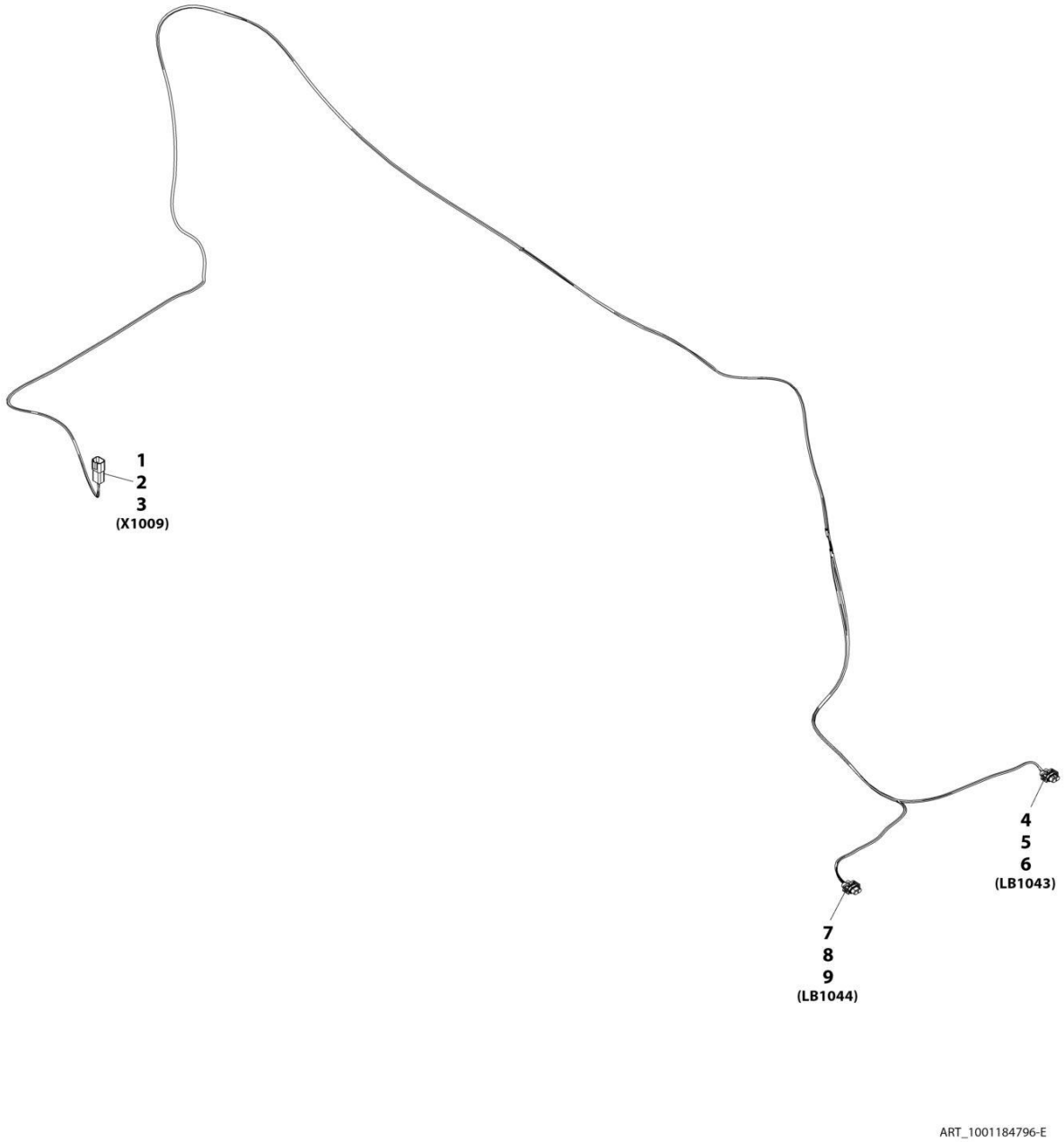
## FIGURE 10-74. LIGHTS - BOOM WORK LIGHT INSTALLATION (LED)



## FIGURE 10-74. LIGHTS - BOOM WORK LIGHT INSTALLATION (LED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001209456 | Ref | Boom Work Light Installation (LED) | C |
| 1 | 0700815 | 2 | Bolt, M8X35 | |
| 2 | 3290801 | 2 | Nut, M8X1.25 | |
| 3 | 4811900 | 2 | Washer, M8 | |
| 4 | 1001008923 | 5 | Strap, Cable | |
| 5 | 1001184796 | 1 | Harness, Boom Work Lights (See Separate Breakdown in this Section) | |
| 6 | 1001203640 | 2 | Lamp, LED Worklight | |

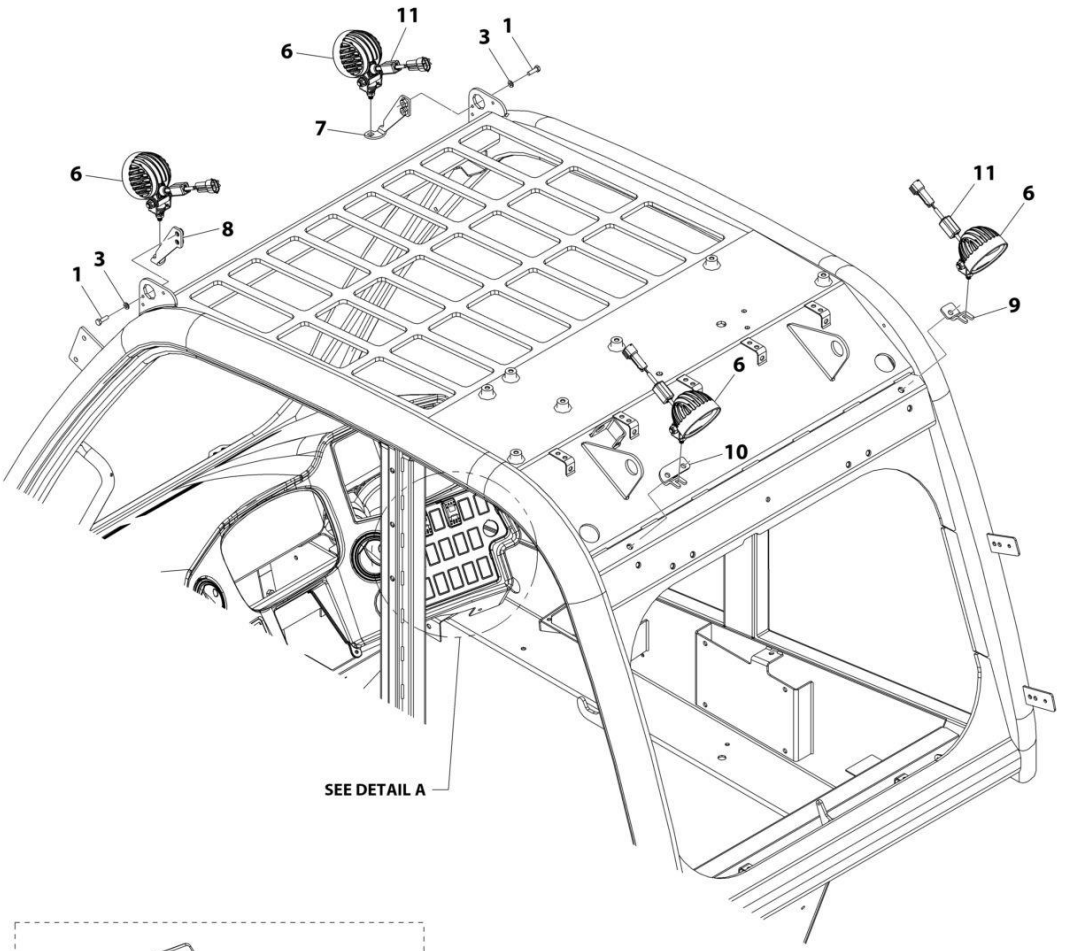
## FIGURE 10-75. LIGHTS - BOOM WORKLIGHTS HARNESS



## FIGURE 10-75. LIGHTS - BOOM WORKLIGHTS HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184796 | Ref | Boom Worklights Harness | E |
| 1 | 4460932 | 1 | Connector | |
| 2 | 4460464 | 2 | Terminal | |
| 3 | 4460466 | 2 | Plug | |
| 4 | 4461115 | 1 | Connector | |
| 5 | 1001116728 | 2 | Terminal | |
| 6 | 4460458 | 2 | Terminal Seal | |
| 7 | 4461115 | 1 | Connector | |
| 8 | 1001116728 | 2 | Terminal | |
| 9 | 4460458 | 2 | Terminal Seal | |

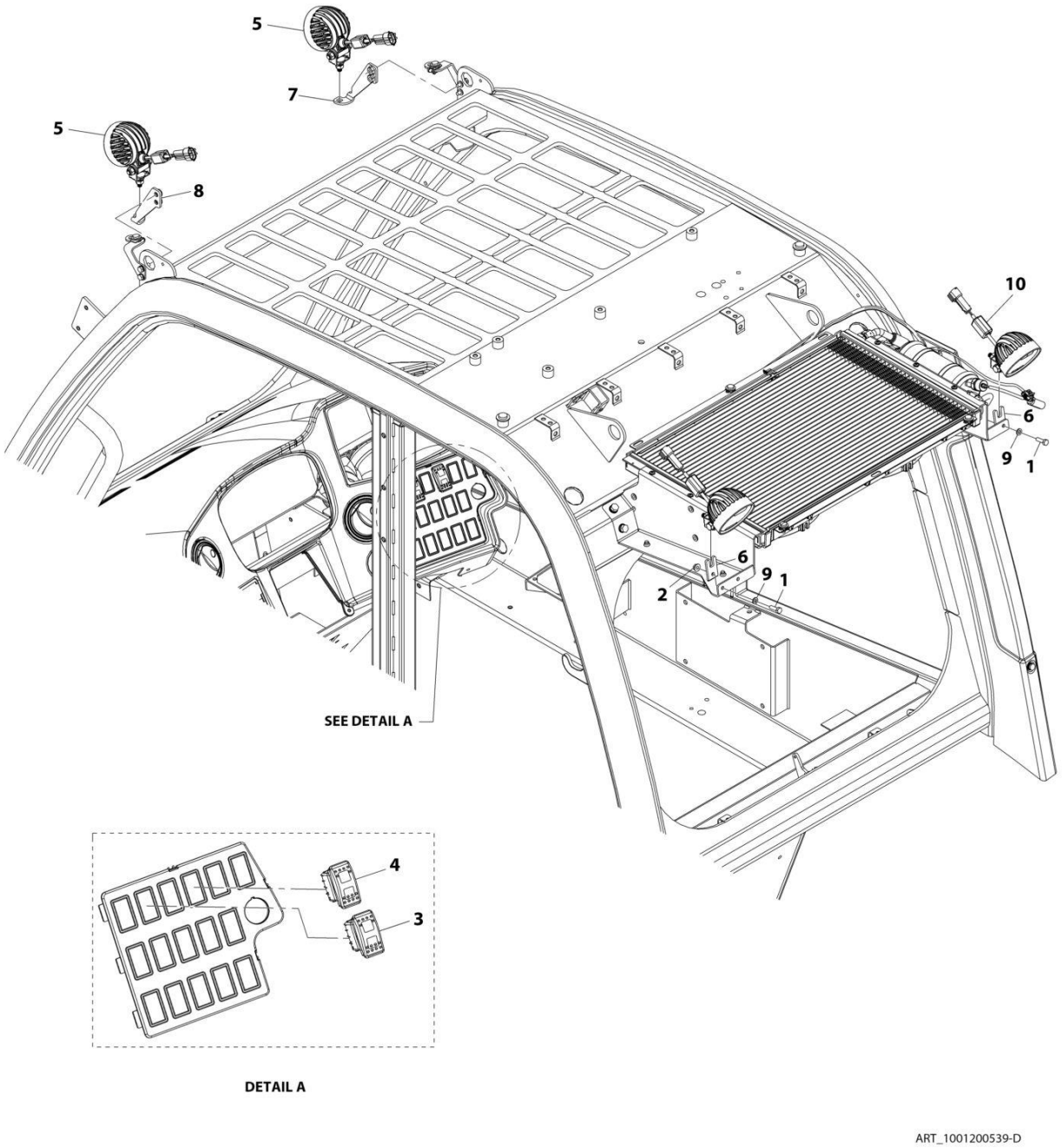
## FIGURE 10-76. LIGHTS - CAB WORK LIGHTS INSTALLATION (NO A/C) (LED)



## FIGURE 10-76. LIGHTS - CAB WORK LIGHTS INSTALLATION (NO A/C) (LED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200538 | Ref | Cab Worklights Installation (No A/C - LED) | D |
| 1 | 0700610 | 4 | Bolt, M6X20 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 1001159845 | 1 | Switch, Front Worklights | |
| 5 | 1001159846 | 1 | Switch, Rear Worklights | |
| 6 | 1001203640 | 4 | Lamp, LED Work Light | |
| 7 | 1001244193 | 1 | Support, LED Work Light RH | |
| 8 | 1001244192 | 1 | Support, LED Work Light LH | |
| 9 | 1001204528 | 1 | Support, LED Work Light RH | |
| 10 | 1001204530 | 1 | Support, LED Work Light LH | |
| 11 | 1001228989 | 4 | Harness, Ferrite | |

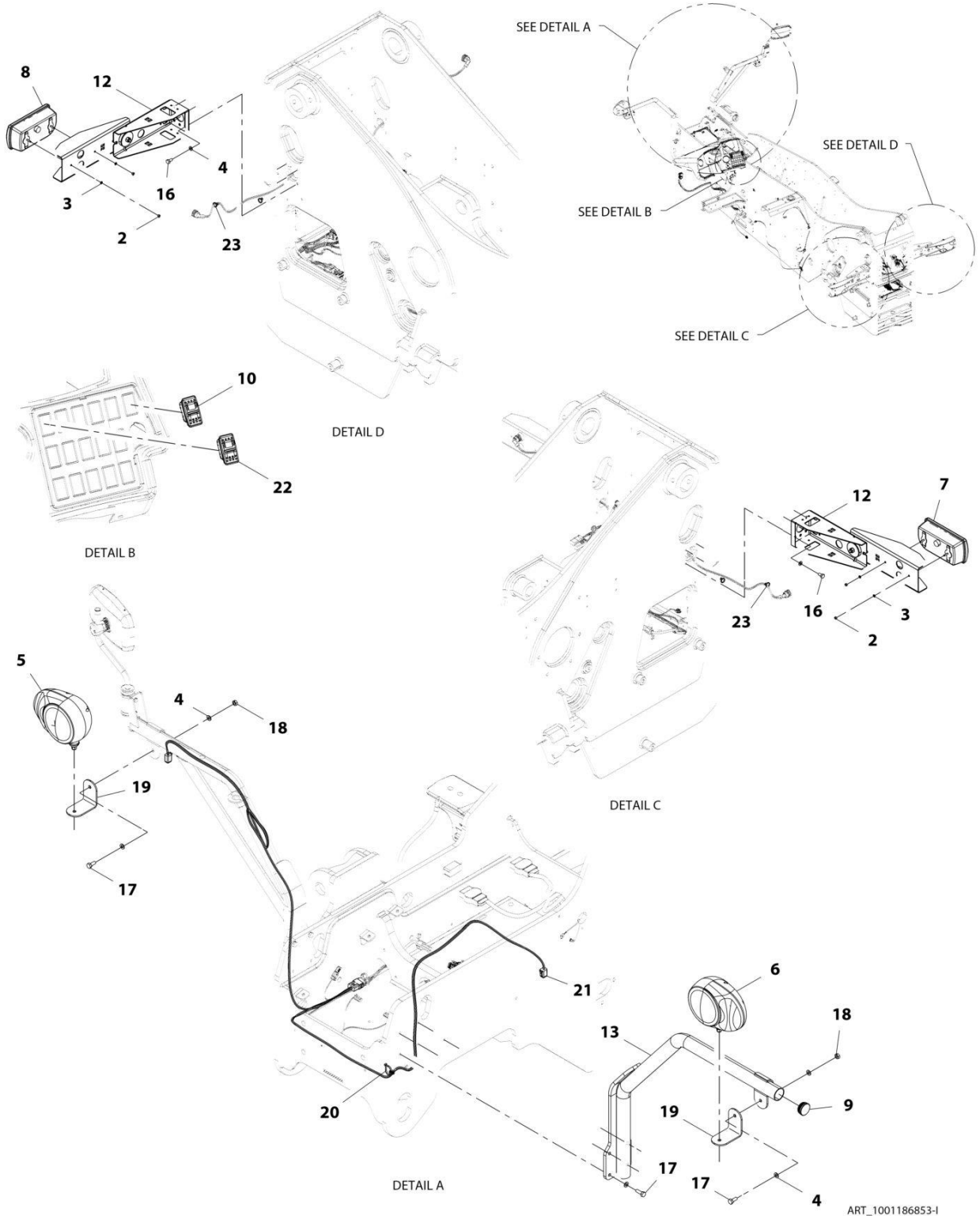
## FIGURE 10-77. LIGHTS - CAB WORK LIGHTS INSTALLATION (A/C) (LED)



## FIGURE 10-77. LIGHTS - CAB WORK LIGHTS INSTALLATION (A/C) (LED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200539 | Ref | Cab Worklights Installation (A/C - LED) | D |
| 1 | 0700610 | 2 | Bolt, M6X20 | |
| 2 | 5220600 | 2 | Nut, M6 | |
| 3 | 1001159845 | 1 | Switch, Front Worklights | |
| 4 | 1001159846 | 1 | Switch, Rear Worklights | |
| 5 | 1001203640 | 4 | Lamp, LED Work Light | |
| 6 | 1001204060 | 2 | Bracket | |
| 7 | 1001244193 | 1 | Support, LED Work Light RH | |
| 8 | 1001244192 | 1 | Support, LED Work Light LH | |
| 9 | 4811700 | 2 | Washer, M6 | |
| 10 | 1001228989 | 4 | Harness, Ferrite | |

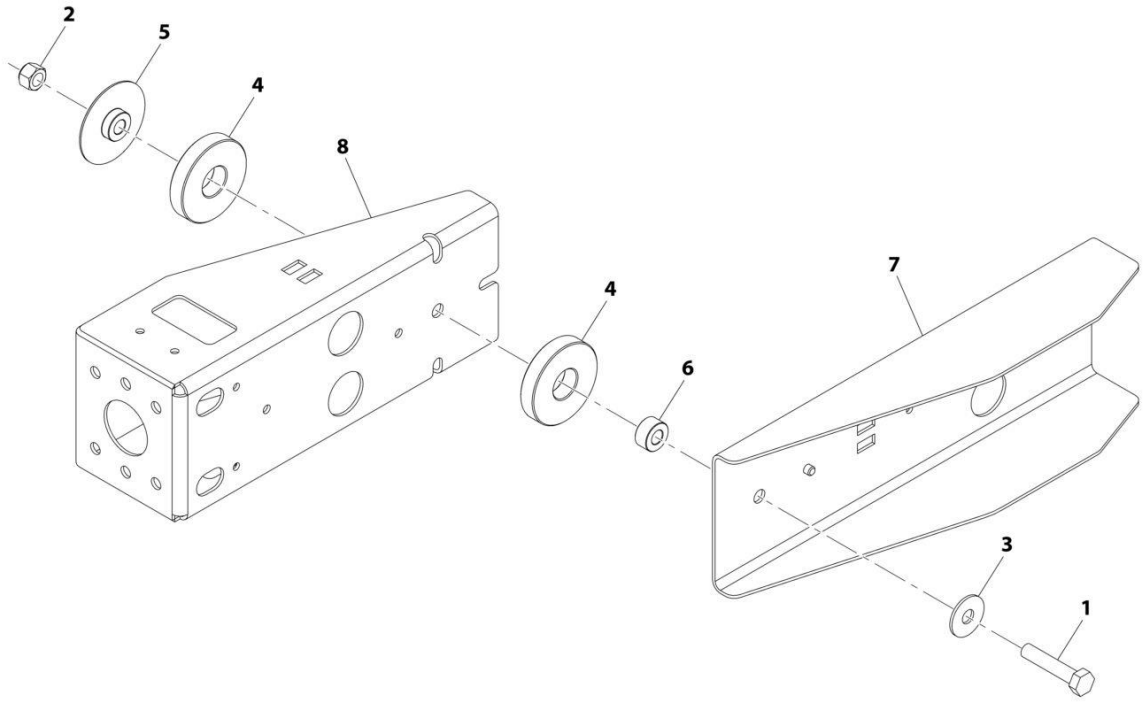
## FIGURE 10-78. LIGHTS - DRIVING LIGHT INSTALLATION (RH DIP)



## FIGURE 10-78. LIGHTS - DRIVING LIGHT INSTALLATION (RH DIP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001186853 | Ref | Driving Light Installation (RH Dip) | I |
| 2 | 3290607 | 4 | Nut, Lock M6X1 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4812000 | 16 | Washer, M10 | |
| 5 | 2920208 | 1 | Light, Driving (RH) (RH Dip) | |
| | 7029969 | 1 | Bulb, 4W | |
| | 7029970 | 1 | Bulb, 55W | |
| | 7029971 | 1 | Bulb, 21W | |
| 6 | 2920207 | 1 | Light, Driving (LH) (RH Dip) | |
| | 7029969 | 1 | Bulb, 4W | |
| | 7029970 | 1 | Bulb, 55W | |
| | 7029971 | 1 | Bulb, 21W | |
| 7 | 1001091715 | 1 | Light, Rear (LH) | |
| | 70021341 | 1 | Bulb, 5W | |
| | 70021340 | 1 | Bulb, 21W | |
| | 7029971 | 1 | Bulb, 21W | |
| 8 | 1001091716 | 1 | Light, Rear (RH) | |
| | 70021341 | 1 | Bulb, 5W | |
| | 70021340 | 1 | Bulb, 21W | |
| | 7029971 | 1 | Bulb, 21W | |
| 9 | 1001209697 | 1 | Cap | |
| 10 | 1001159734 | 1 | Switch, Hazard | |
| 12 | 1001183112 | 2 | Assembly, Rear Light Bracket (See Separate Breakdown in this Section) | |
| 13 | 1001206100 | 1 | Bracket | |
| 16 | 0761010 | 8 | Bolt, M10X20 | |
| 17 | 0701014 | 6 | Bolt, M10X30 | |
| 18 | 3291001 | 2 | Nut, M10X1.5 | |
| 19 | 1001203368 | 2 | Bracket | |
| 20 | 1001146588 | 1 | Strap, Tie | |
| 21 | 1001215693 | 1 | Harness, Headlight (See Separate Breakdown in this Section) | |
| 22 | 1001159737 | 1 | Switch, Fog Lights | |
| 23 | 1001008559 | 4 | Strap, Cable | |

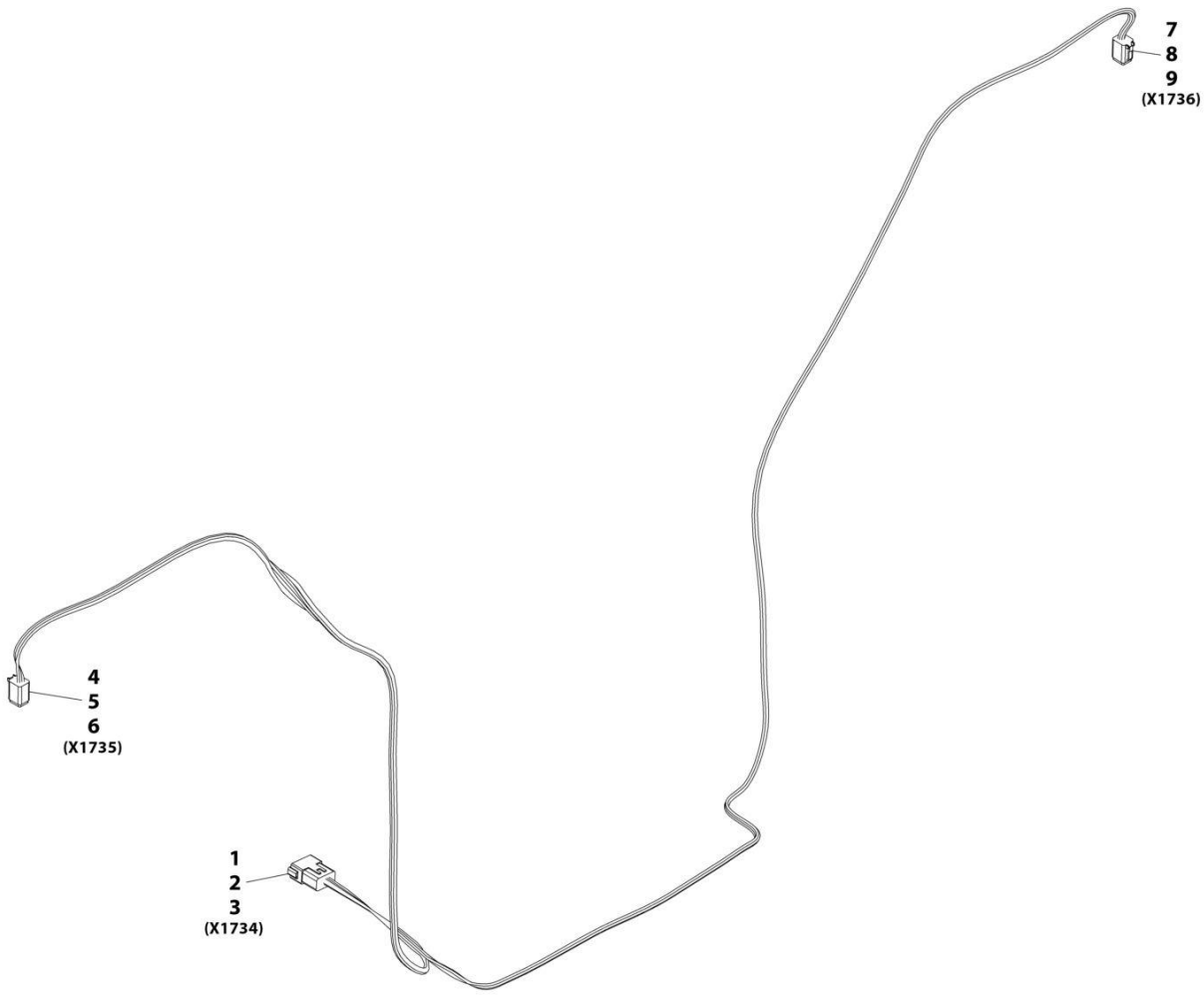
## FIGURE 10-79. LIGHTS - DRIVING LIGHT BRACKET ASSEMBLY



## FIGURE 10-79. LIGHTS - DRIVING LIGHT BRACKET ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183112 | Ref | Rear Light Bracket Assembly | C |
| 1 | 0701220 | 1 | Bolt, M12X60 | |
| 2 | 3291205 | 1 | Nut, Lock M12X1.75 | |
| 3 | 4812102 | 1 | Washer, M12 | |
| 4 | 8000565 | 2 | Washer, Rubber | |
| 5 | 1001182490 | 1 | Washer, Top Hat | |
| 6 | 1001182495 | 1 | Washer | |
| 7 | 1001196217 | 1 | Bracket | |
| 8 | 1001196100 | 1 | Bracket | |

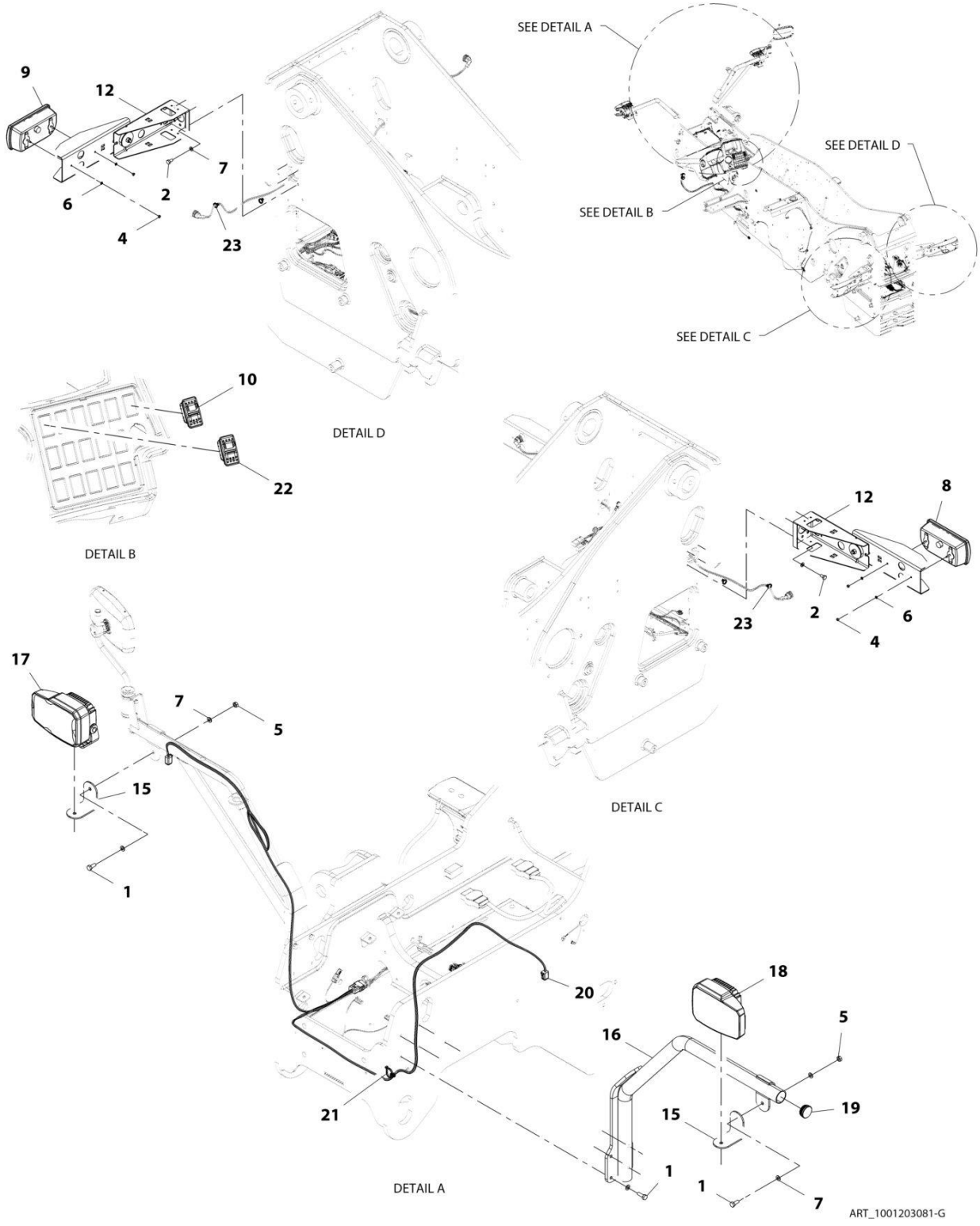
## FIGURE 10-80. LIGHTS - DRIVING HEADLIGHT HARNESS



## FIGURE 10-80. LIGHTS - DRIVING HEADLIGHT HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001215693 | Ref | Headlight Harness | C |
| 1 | 4460970 | 1 | Connector | |
| 2 | 4460941 | 10 | Terminal | |
| 3 | 4460466 | 2 | Plug | |
| 4 | 4460894 | 1 | Connector | |
| 5 | 4460942 | 5 | Terminal | |
| 6 | 4460466 | 1 | Plug | |
| 7 | 4460894 | 1 | Connector | |
| 8 | 4460942 | 5 | Terminal | |
| 9 | 4460466 | 1 | Plug | |

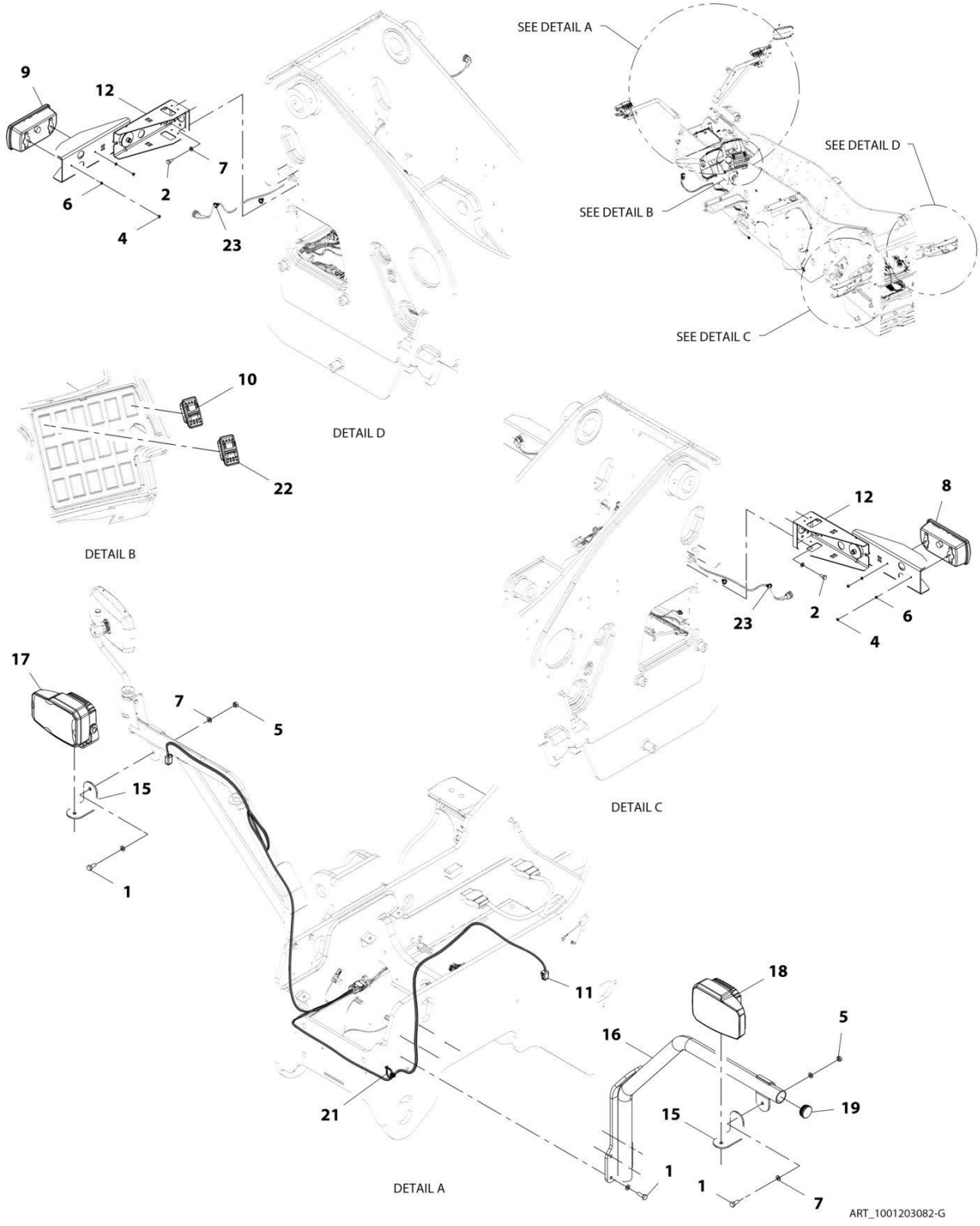
## FIGURE 10-81. LIGHTS - DRIVING LIGHT INSTALLATION (LED) (RH DIP)



## FIGURE 10-81. LIGHTS - DRIVING LIGHT INSTALLATION (LED) (RH DIP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001203081 | Ref | Driving Light Installation (LED) (RH Dip) | G |
| 1 | 0701014 | 6 | Bolt, M10X30 | |
| 2 | 0761010 | 8 | Bolt, M10X20 | |
| 4 | 3290607 | 4 | Bolt, M6X1 | |
| 5 | 3291001 | 2 | Nut, M10X1.5 | |
| 6 | 4811700 | 4 | Washer, M6 | |
| 7 | 4812000 | 16 | Washer, M10 | |
| 8 | 1001091715 | 1 | Light, Rear (LH) | |
| | 70021341 | 1 | Bulb, 5W | |
| | 70021340 | 1 | Bulb, 21W | |
| | 7029971 | 1 | Bulb, 21W | |
| 9 | 1001091716 | 1 | Light, Rear (RH) | |
| | 70021341 | 1 | REPLACEMENT BULB, 12V-5W | |
| | 70021340 | 1 | Bulb, 21W | |
| | 7029971 | 1 | Bulb, 21W | |
| 10 | 1001159734 | 1 | Switch, Hazard | |
| 12 | 1001183112 | 2 | Assembly, Rear Light Bracket (See Separate Breakdown in this Section) | |
| 15 | 1001203368 | 2 | Bracket | |
| 16 | 1001206100 | 1 | Bracket | |
| 17 | 1001209690 | 1 | Light, Driving (RH - LED) (RH Dip) | |
| 18 | 1001209691 | 1 | Light, Driving (LH - LED) (LH Dip) | |
| 19 | 1001209697 | 1 | Cap | |
| 20 | 1001215693 | 1 | Harness, Headlights (See Separate Breakdown in this Section) | |
| 21 | 1001146588 | 1 | Strap, Cable Tie | |
| 22 | 1001159737 | 1 | Switch, Fog Lights | |
| 23 | 1001008559 | 4 | Strap, Cable Tie | |

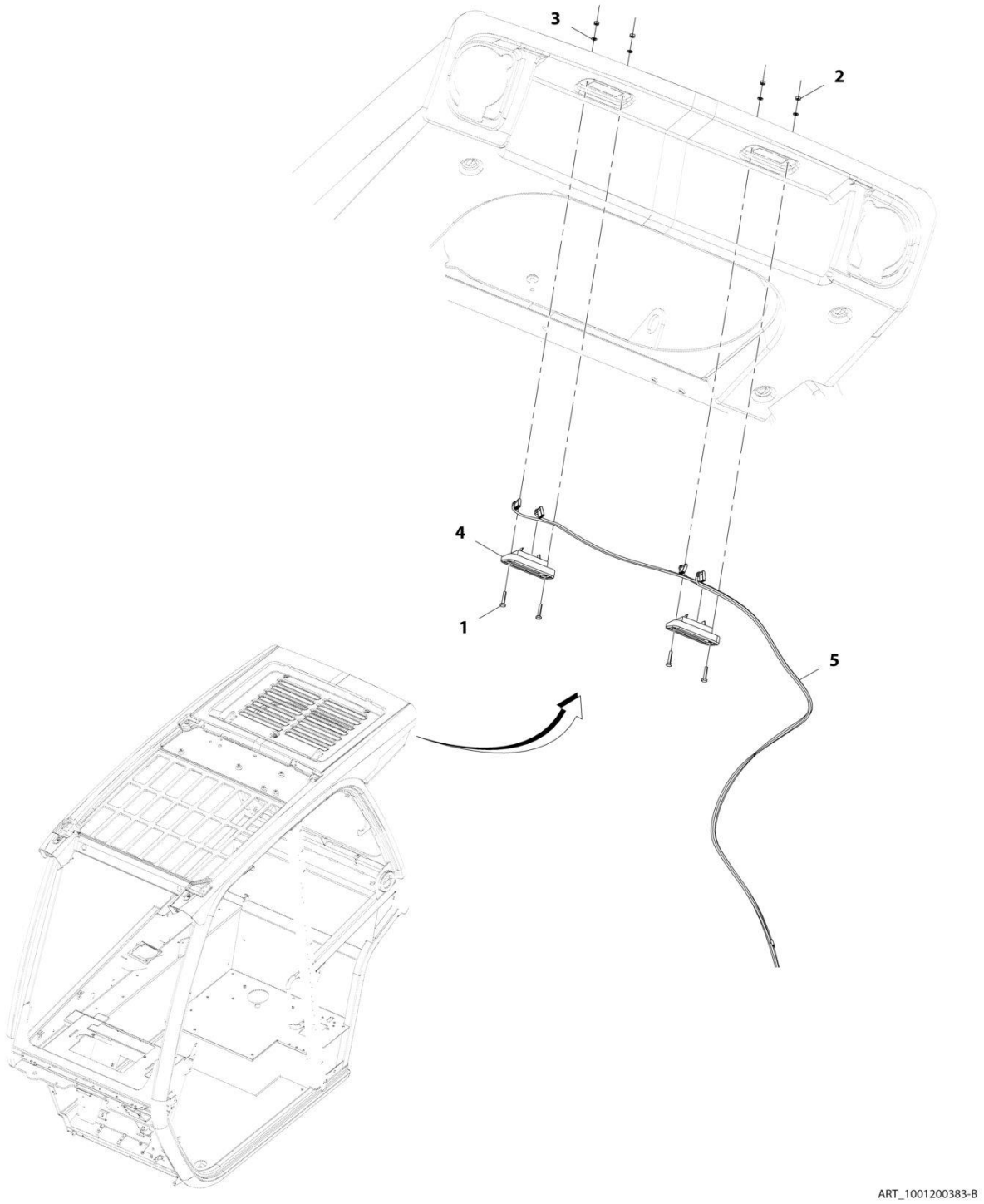
## FIGURE 10-82. LIGHTS - DRIVING LIGHT INSTALLATION (LED) LH DIP)



## FIGURE 10-82. LIGHTS - DRIVING LIGHT INSTALLATION (LED) LH DIP)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001203082 | Ref | Driving Light Installation (LED) (LH Dip) | G |
| 1 | 0701014 | 6 | Bolt, M10X30 | |
| 2 | 0761010 | 8 | Bolt, M10X20 | |
| 4 | 3290607 | 4 | Nut, Lock M6X1 | |
| 5 | 3291001 | 2 | Nut, M10X1.5 | |
| 6 | 4811700 | 4 | Washer, M6 | |
| 7 | 4812000 | 16 | Washer, M10 | |
| 8 | 1001091715 | 1 | Lamp, Rear (LH) | |
| | 70021341 | 1 | Bulb, 5W | |
| | 70021340 | 1 | Bulb, 21W | |
| | 7029971 | 1 | Bulb, 21W | |
| 9 | 1001091716 | 1 | Lamp, Rear (RH) | |
| | 70021341 | 1 | Bulb, 5W | |
| | 70021340 | 1 | Bulb, 21W | |
| | 7029971 | 1 | Bulb, 21W | |
| 10 | 1001159734 | 1 | Switch, Hazard | |
| 11 | 1001215693 | 1 | Harness, Headlights (See Separate Breakdown in this Section) | |
| 12 | 1001183112 | 2 | Assembly, Rear Light Bracket (See Separate Breakdown in this Section) | |
| 15 | 1001203368 | 2 | Bracket | |
| 16 | 1001206100 | 1 | Bracket | |
| 17 | 1001209692 | 1 | Light, Driving, (RH - LED) (LH Dip) | |
| 18 | 1001209693 | 1 | Light, Driving, (LH - LED) (LH Dip) | |
| 19 | 1001209697 | 1 | Cap | |
| 21 | 1001146588 | 1 | Strap, Cable Tie | |
| 22 | 1001159737 | 1 | Switch, Fog Lights | |
| 23 | 1001008559 | 4 | Strap, Cable | |

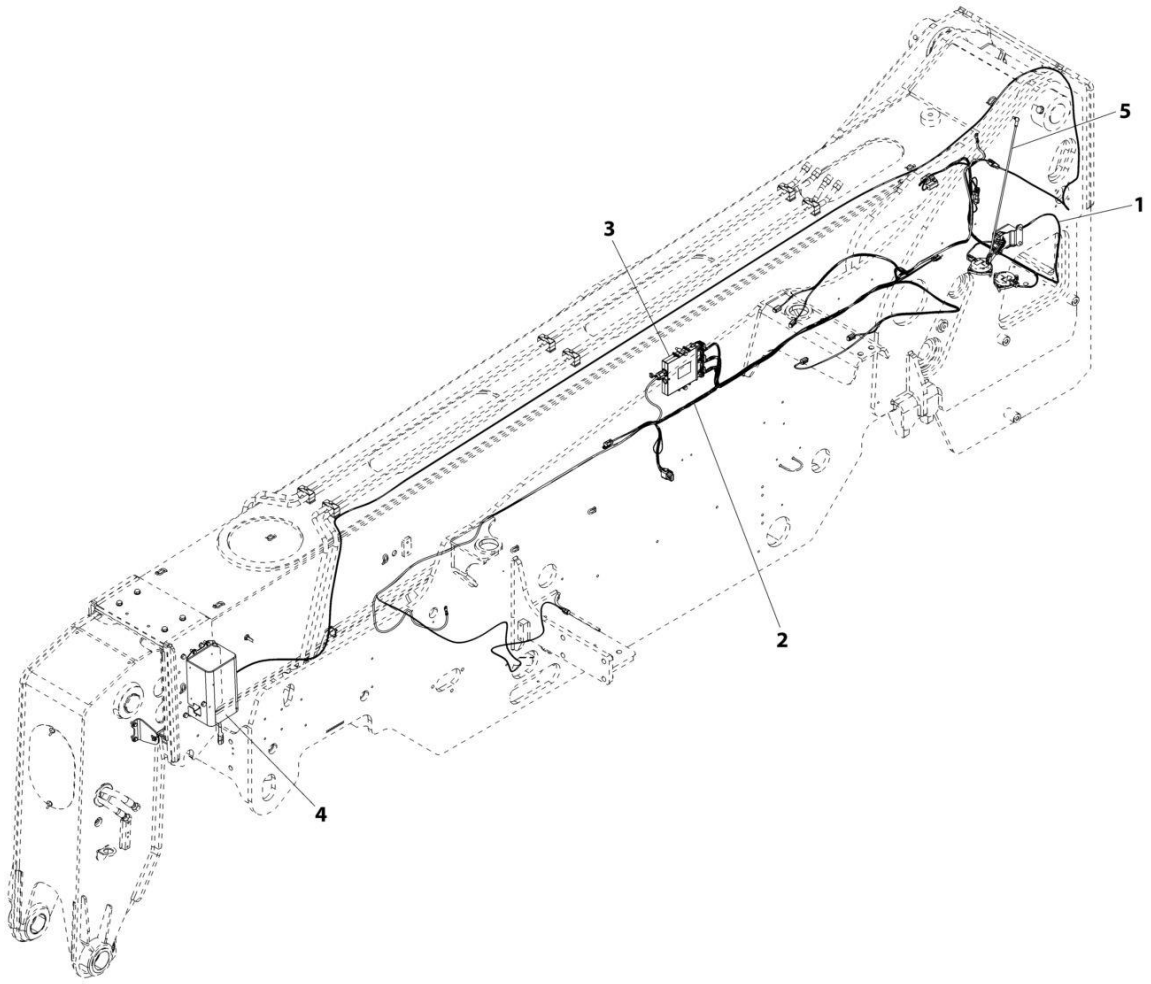
## FIGURE 10-83. LIGHTS - LICENSE PLATE LIGHT INSTALLATION (8010 ONLY)



## FIGURE 10-83. LIGHTS - LICENSE PLATE LIGHT INSTALLATION (8010 ONLY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200383 | Ref | License Plate Lamp Installation | B |
| 1 | 0760410 | 4 | Bolt, M4X20 | |
| 2 | 3290401 | 4 | Nut, M4X0.7 Grade 8 | |
| 3 | 4831400 | 4 | Washer, Lock M4 | |
| 4 | 1001173829 | 2 | Lamp, License Plate | |
| 5 | 1001178053 | 1 | Harness, License Light (See Separate Breakdown in Electrical Section) | |

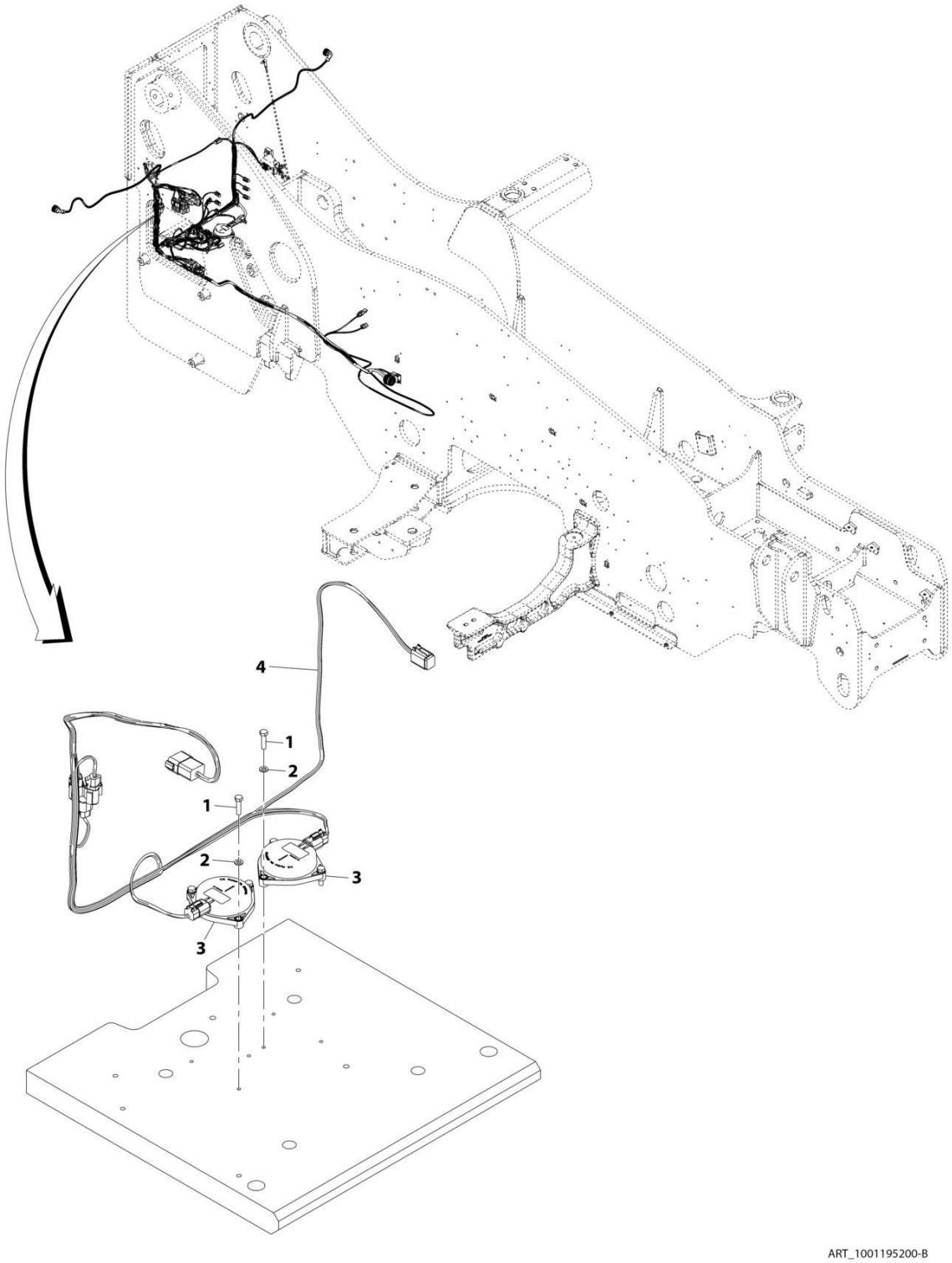
## FIGURE 10-84. LMIS CONTROL PACKAGE INSTALLATION



## FIGURE 10-84. LMIS CONTROL PACKAGE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192431 | Ref | LMIS Control Package Installation | E |
| 1 | 1001195200 | 1 | Installation, Tilt Sensor (See Separate Breakdown in this Section) | |
| 2 | 1001195201 | 1 | Installation, LMIS Wiring (See Separate Breakdown in this Section) | |
| 3 | 1001195471 | 1 | Installation, LMIS Controller (See Separate Breakdown in this Section) | |
| 4 | 1001195473 | 1 | Installation, LMIS Cable Reel (See Separate Breakdown in this Section) | |
| 5 | 1001195590 | 1 | Installation, Boom Angle Sensor (LMIS) (See Separate Breakdown in this Section) | |

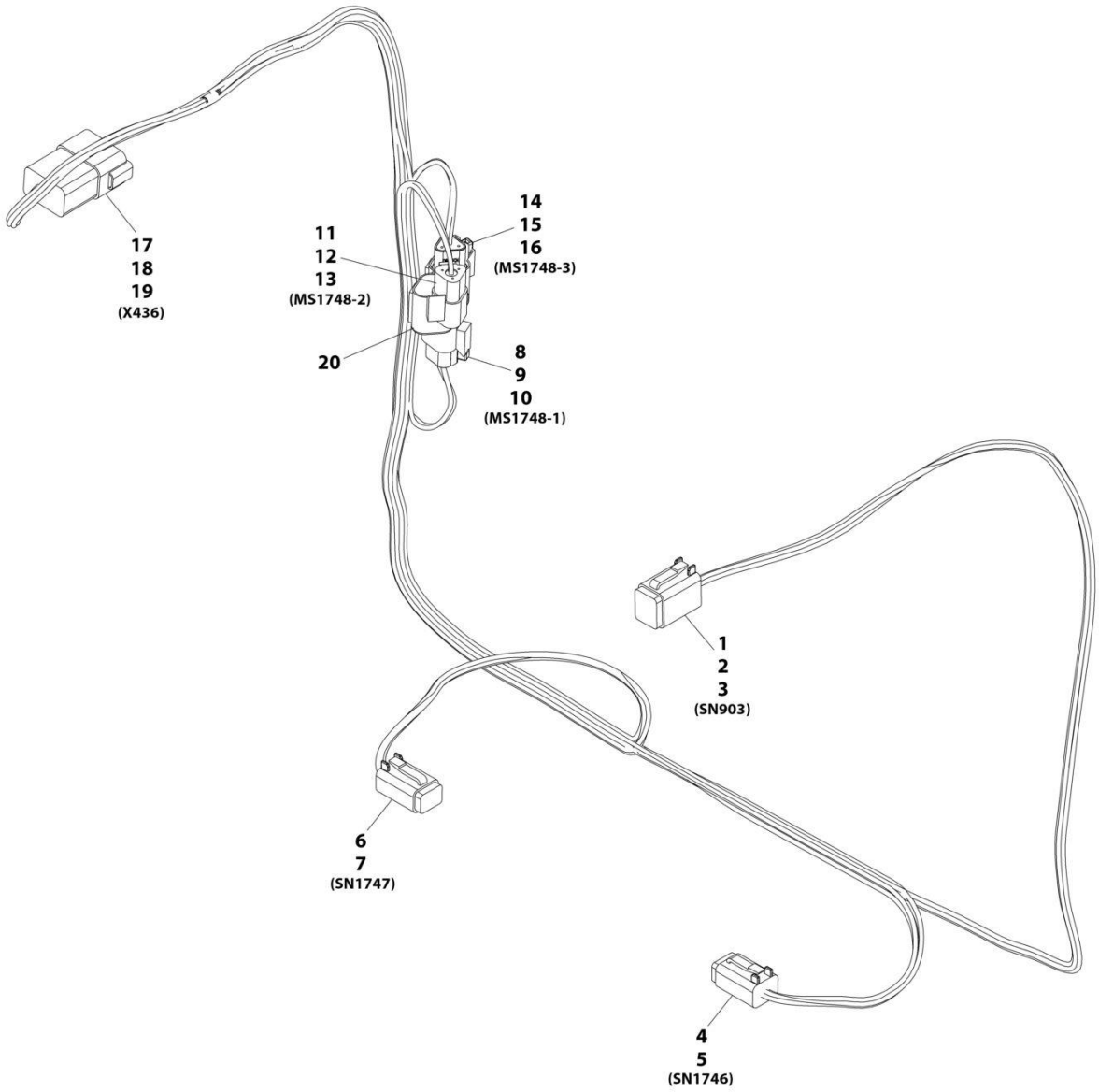
## FIGURE 10-85. LMIS TILT SENSOR INSTALLATION



## FIGURE 10-85. LMIS TILT SENSOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195200 | Ref | Tilt Sensor Installation | B |
| 1 | 0700612 | 6 | Bolt, M6X25 | |
| 2 | 4811700 | 6 | Washer, M6 | |
| 3 | 1001163095 | 2 | Sensor, Tilt | |
| 4 | 1001195202 | 1 | Harness, Platform Ready (See Separate Breakdown in this Section) | |

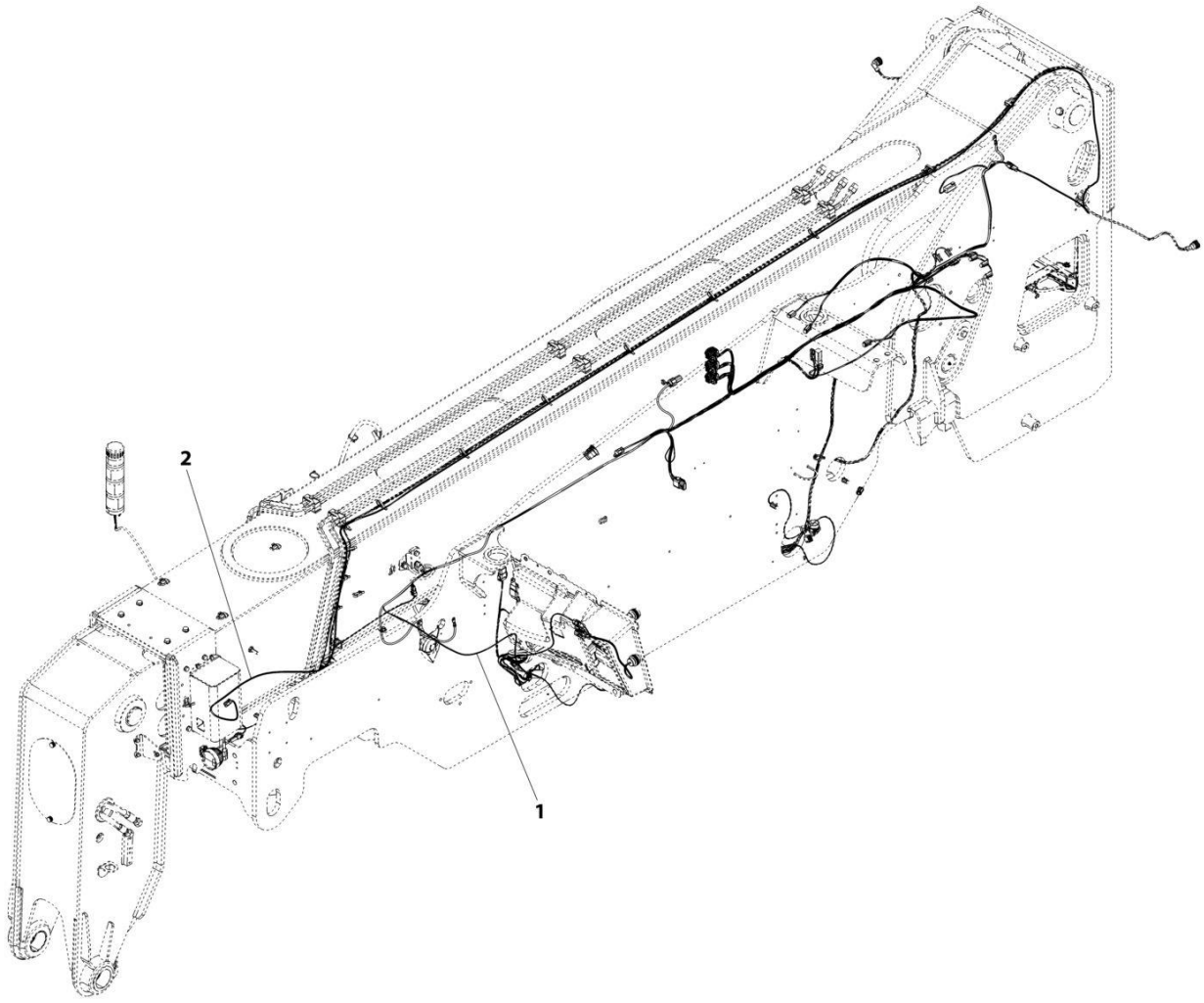
## FIGURE 10-86. LMIS - PLATFORM READY HARNESS



## FIGURE 10-86. LMIS - PLATFORM READY HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195202 | Ref | Platform Ready Harness | A |
| 1 | 4460894 | 1 | Connector | |
| 2 | 4460465 | 4 | Terminal | |
| 3 | 4460466 | 2 | Plug | |
| 4 | 4460884 | 1 | Connector | |
| 5 | 4460944 | 4 | Terminal | |
| 6 | 4460884 | 1 | Connector | |
| 7 | 4460944 | 4 | Terminal | |
| 8 | 1001116812 | 1 | Connector | |
| 9 | 4460944 | 2 | Terminal | |
| 10 | 4460466 | 1 | Plug | |
| 11 | 4460539 | 1 | Connector | |
| 12 | 4460944 | 2 | Terminal | |
| 13 | 4460466 | 1 | Plug | |
| 14 | 1001116812 | 1 | Connector | |
| 15 | 4460944 | 2 | Terminal | |
| 16 | 4460466 | 1 | Plug | |
| 17 | 4460931 | 1 | Connector | |
| 18 | 4460464 | 6 | Terminal | |
| 19 | 4460466 | 2 | Plug | |
| 20 | 4460945 | 1 | Connector, 3 Way | |

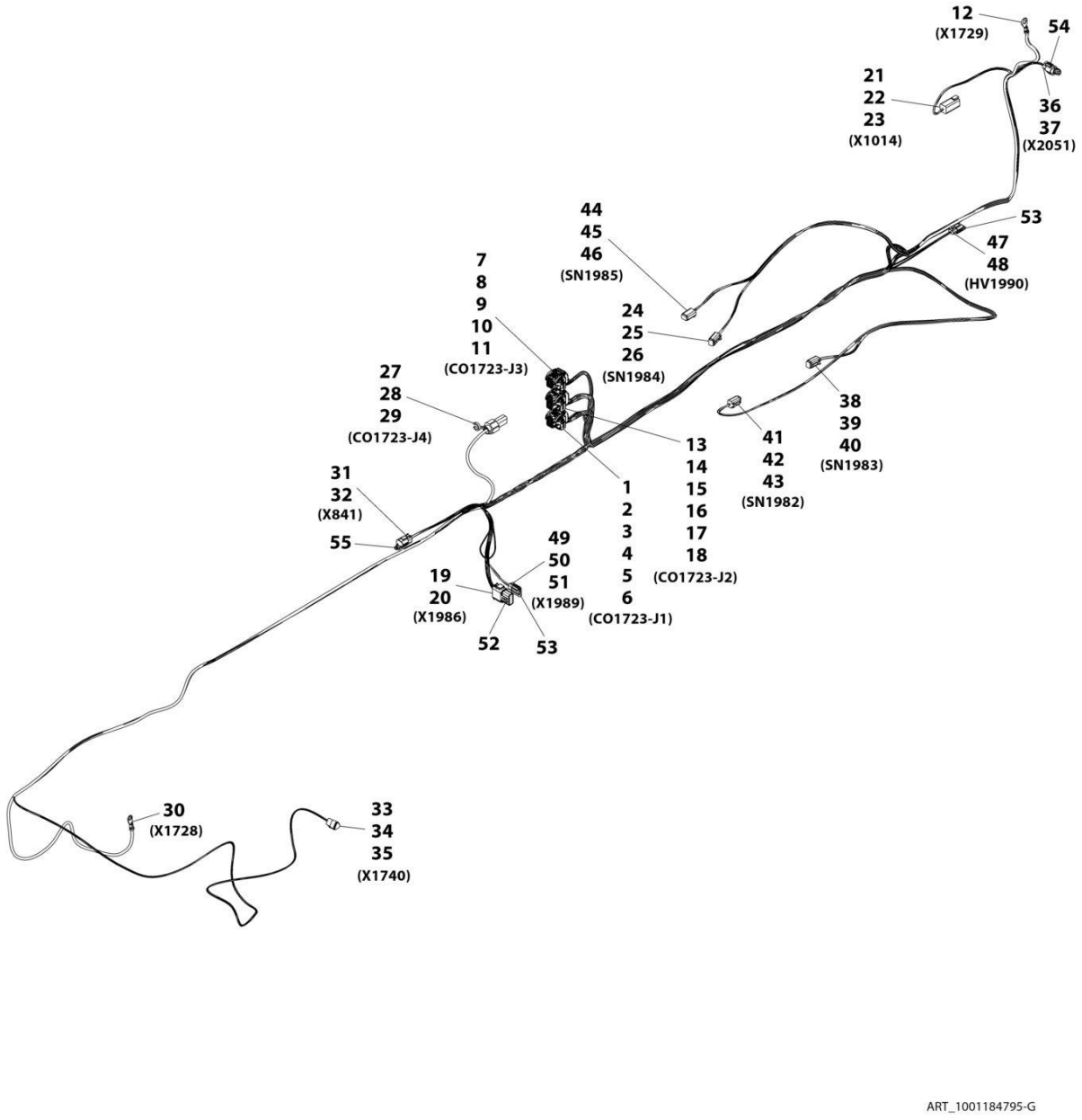
## FIGURE 10-87. LMIS WIRING INSTALLATION



## FIGURE 10-87. LMIS WIRING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195201 | Ref | LMIS Wiring Installation | F |
| 1 | 1001184795 | 1 | Harness, Chassis Option (See Separate Breakdown in this Section) | |
| 2 | 1001192619 | 1 | Harness, LMIS Boom (See Separate Breakdown in this Section) | |

## FIGURE 10-88. LMIS CHASSIS OPTION HARNESS



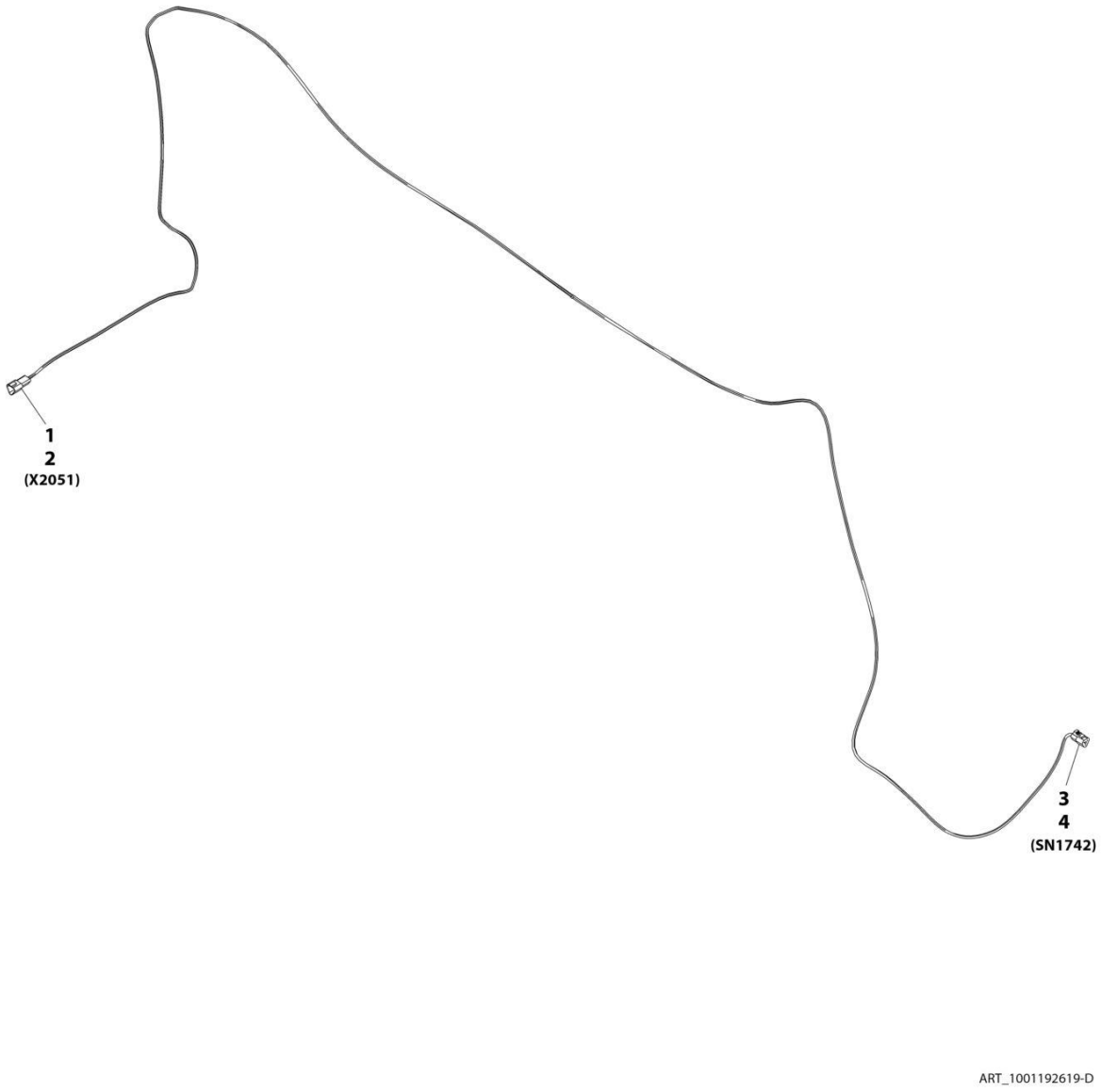
## FIGURE 10-88. LMIS CHASSIS OPTION HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184795 | Ref | LMIS Chassis Option Harness | G |
| 1 | 1001161957 | 1 | Connector | |
| 2 | 1001161097 | 17 | Terminal | |
| 3 | 1001161100 | 7 | Plug | |
| 4 | 1001161101 | 2 | Plug | |
| 5 | 1001161098 | 2 | Terminal | |
| 6 | 1001161099 | 4 | Terminal | |
| 7 | 1001160500 | 1 | Connector | |
| 8 | 1001161100 | 16 | Plug | |
| 9 | 1001161097 | 8 | Terminal | |
| 10 | 1001161101 | 7 | Plug | |
| 11 | 1001161098 | 1 | Terminal | |
| 12 | 1001187076 | 1 | Ring Terminal | |
| 13 | 1001161963 | 1 | Connector | |
| 14 | 1001161097 | 24 | Terminal | |
| 15 | 1001161100 | 16 | Plug | |
| 16 | 1001161095 | 1 | Terminal | |
| 17 | 1001161099 | 3 | Terminal | |
| 18 | 1001161101 | 4 | Plug | |
| 19 | 1001116774 | 1 | Connector | |
| 20 | 4460928 | 12 | Terminal | |
| 21 | 4460899 | 1 | Connector | |
| 22 | 4460464 | 3 | Terminal | |
| 23 | 4460466 | 3 | Plug | |
| 24 | 4460884 | 1 | Connector | |
| 25 | 4460942 | 1 | Terminal | |
| 26 | 4460465 | 3 | Terminal | |
| 27 | 1001160509 | 1 | Connector | |
| 28 | 1001160510 | 1 | Terminal | |
| 29 | 1001175266 | 1 | Terminal Seal | |
| 30 | 1001187075 | 1 | Ring Terminal | |
| 31 | 4460884 | 1 | Connector | |
| 32 | 4460465 | 4 | Terminal | |
| 33 | 1001116812 | 1 | Connector | |
| 34 | 4460944 | 2 | Terminal | |
| 35 | 4460466 | 1 | Plug | |
| 36 | 4460539 | 1 | Connector | |
| 37 | 4460465 | 3 | Terminal | |
| 38 | 4460884 | 1 | Connector | |
| 39 | 4460942 | 1 | Terminal | |
| 40 | 4460465 | 3 | Terminal | |
| 41 | 4460884 | 1 | Connector | |
| 42 | 4460942 | 1 | Terminal | |
| 43 | 4460465 | 3 | Terminal | |
| 44 | 4460884 | 1 | Connector | |
| 45 | 4460942 | 1 | Terminal | |
| 46 | 4460465 | 3 | Terminal | |
| 47 | 4460891 | 1 | Connector | |
| 48 | 4460465 | 2 | Terminal | |
| 49 | 4460891 | 1 | Connector | |

# SECTION 10 - ELECTRICAL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 50 | 4460465 | 1 | Terminal | |
| 51 | 4460942 | 1 | Terminal | |

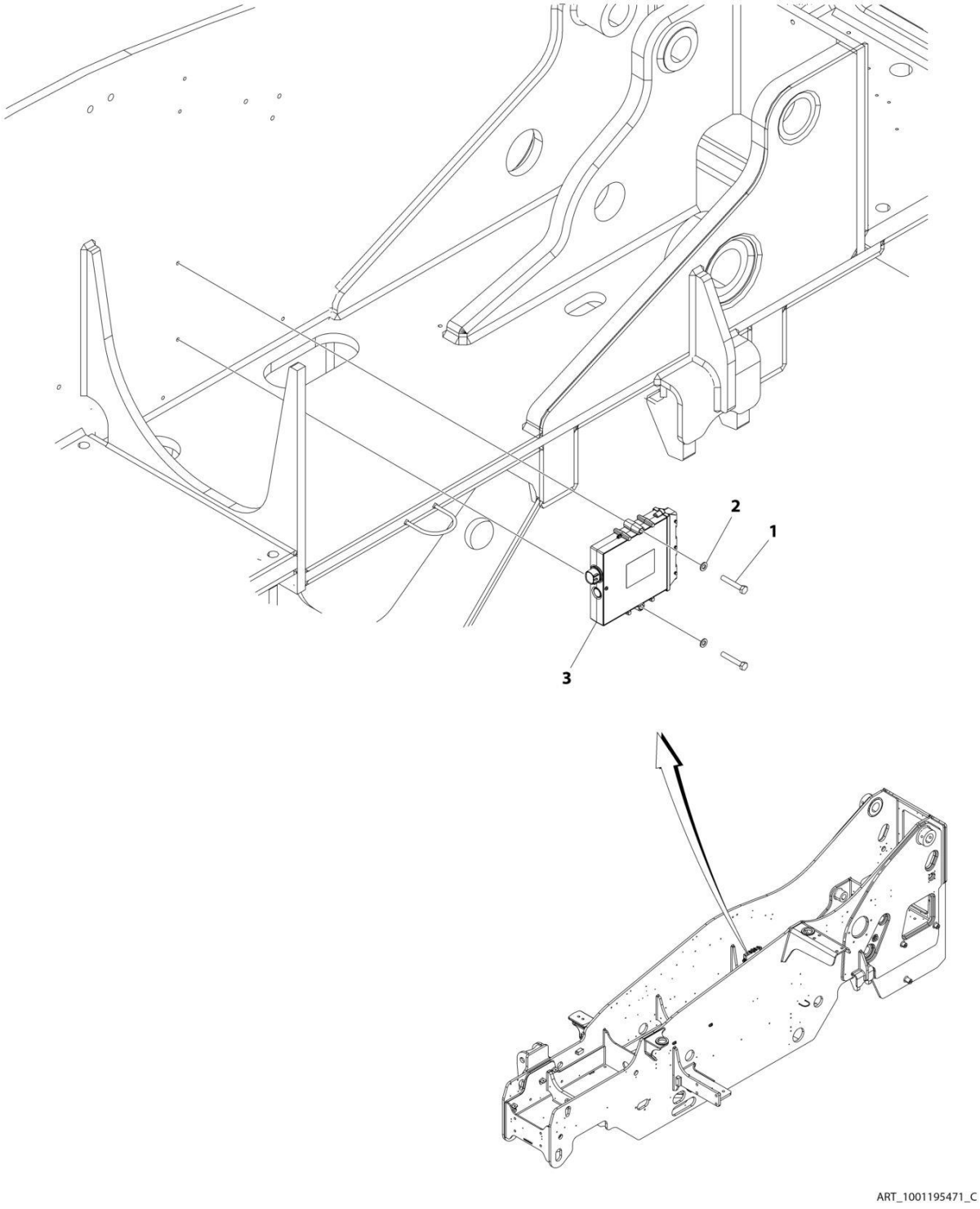
## FIGURE 10-89. LMIS BOOM HARNESS



## FIGURE 10-89. LMIS BOOM HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192619 | Ref | LMIS Boom Harness | D |
| 1 | 4460536 | 1 | Connector | |
| 2 | 4460464 | 3 | Terminal | |
| 3 | 4460539 | 1 | Connector | |
| 4 | 4460465 | 3 | Terminal | |

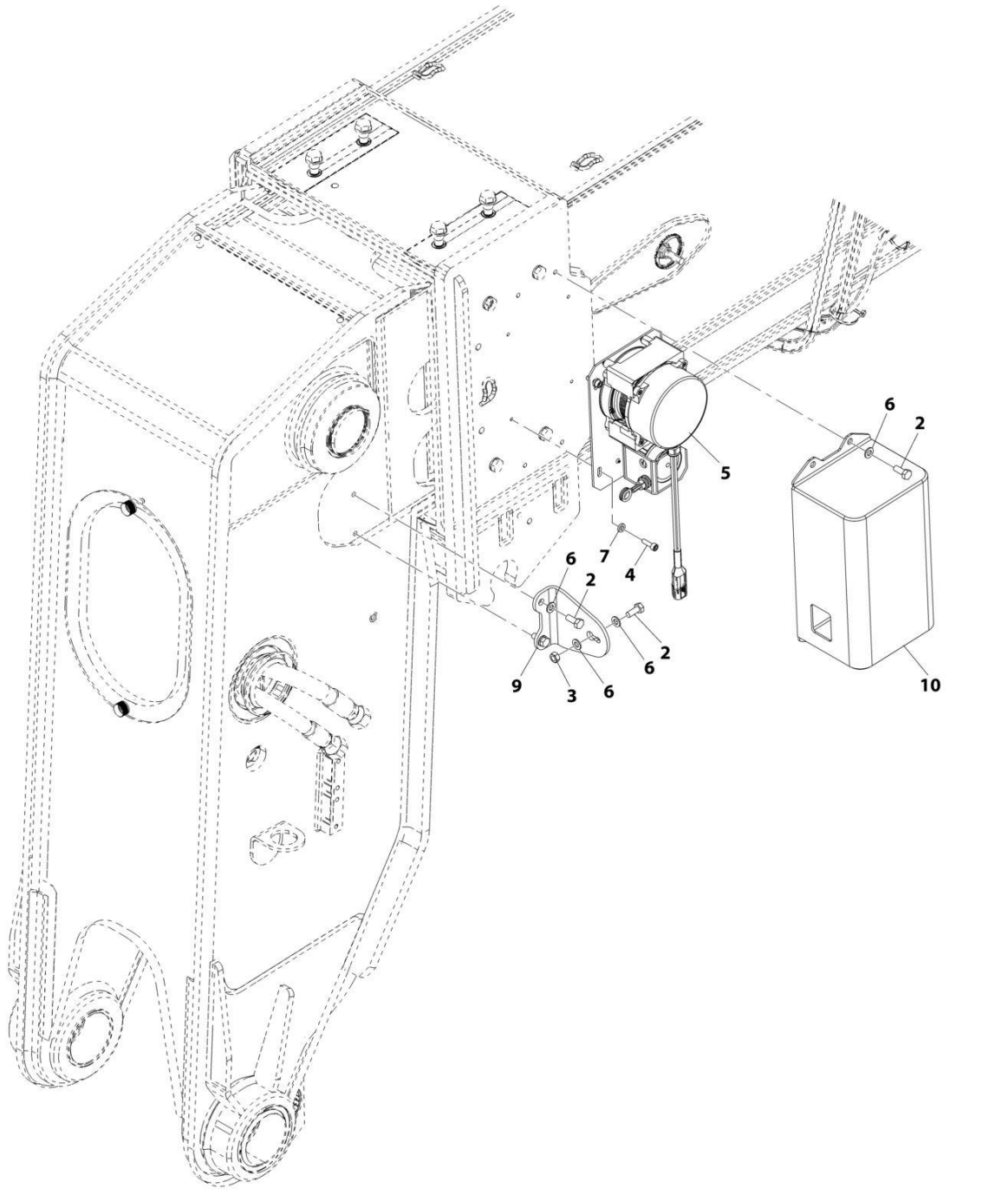
## FIGURE 10-90. LMIS CONTROLLER INSTALLATION



## FIGURE 10-90. LMIS CONTROLLER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195471 | Ref | LMIS CONTROLLER INSTALLATION | C |
| 1 | 0700818 | 2 | Bolt M8 x 50 | |
| 2 | 4811900 | 2 | Washer M8 | |
| 3 | 1001270485 | 1 | Module, LMIS Control | |

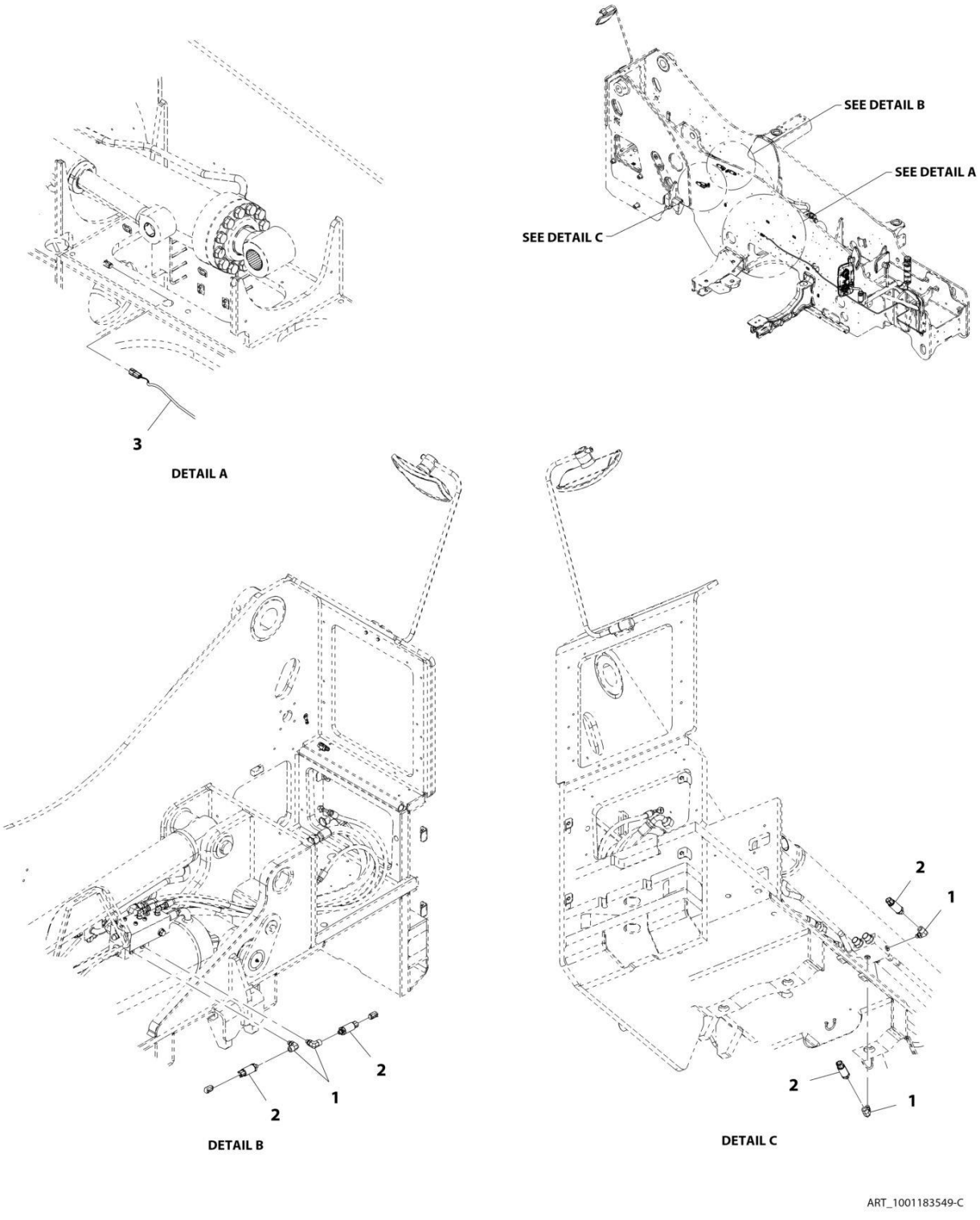
## FIGURE 10-91. LMIS CABLE REEL INSTALLATION



## FIGURE 10-91. LMIS CABLE REEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195473 | Ref | LMIS Cable Reel Installation | E |
| 2 | 0760810 | 7 | Bolt, M8X20 | |
| 3 | 3290801 | 1 | Nut, M8X1.25 | |
| 4 | 4031708 | 4 | Screw, M6X20 | |
| 5 | 1001223903 | 1 | Sensor, Boom Length | |
| 6 | 4811900 | 8 | Washer, M8 | |
| 7 | 5240600 | 4 | Washer, M6 | |
| 9 | 1001224127 | 1 | Bracket | |
| 10 | 1001224128 | 1 | Panel | |

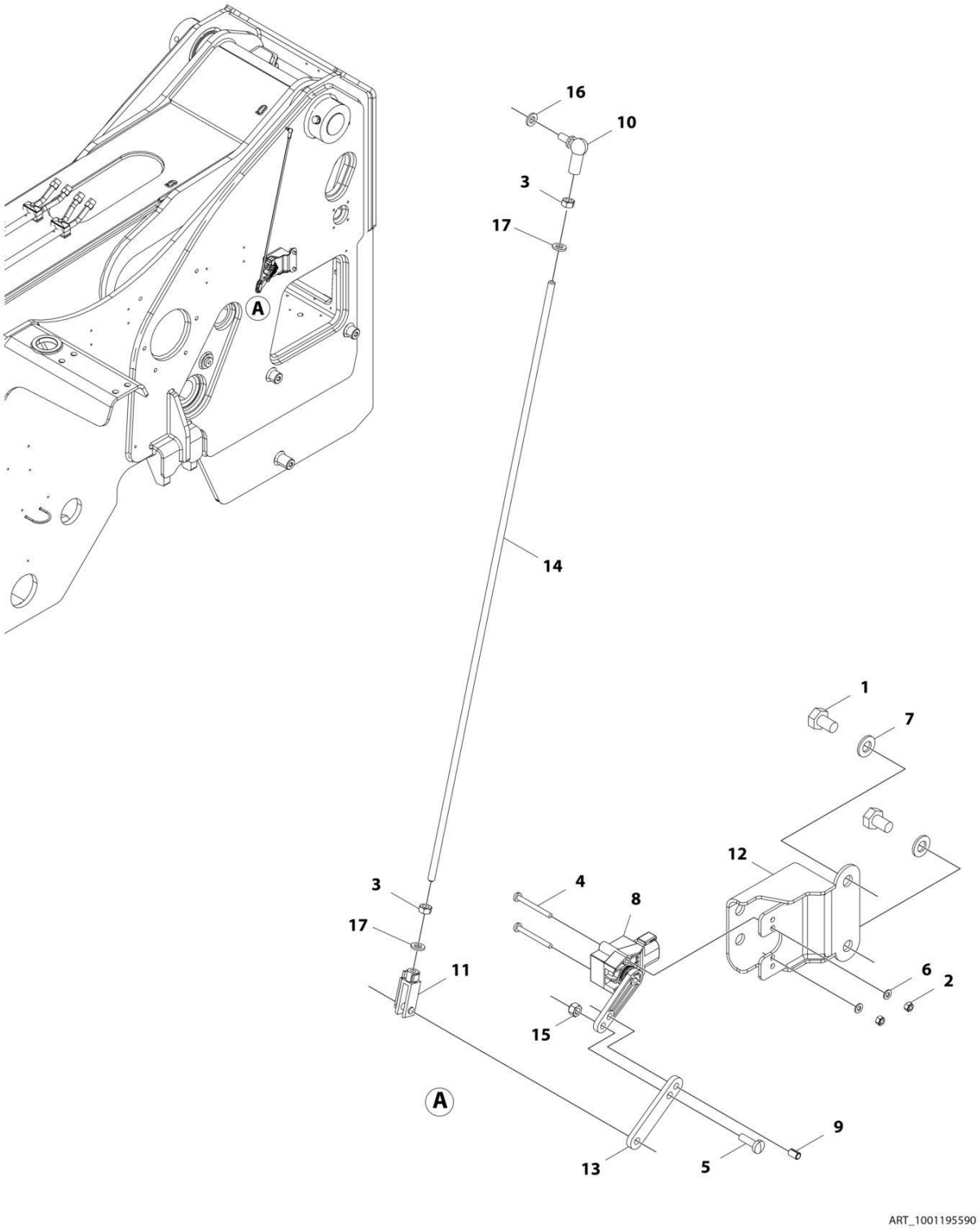
## FIGURE 10-92. LMIS INSTALLATION (HIGH END DISPLAY)



## FIGURE 10-92. LMIS INSTALLATION (HIGH END DISPLAY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183549 | Ref | LMIS Installation (High End Display) | C |
| 1 | 1001101855 | 4 | Fitting, 90 | |
| 2 | 1001162885 | 4 | Sensor, LMIS | |
| 3 | 1001195591 | 1 | Installation, LMIS Beacon Light (See Separate Breakdown in this Section) | |

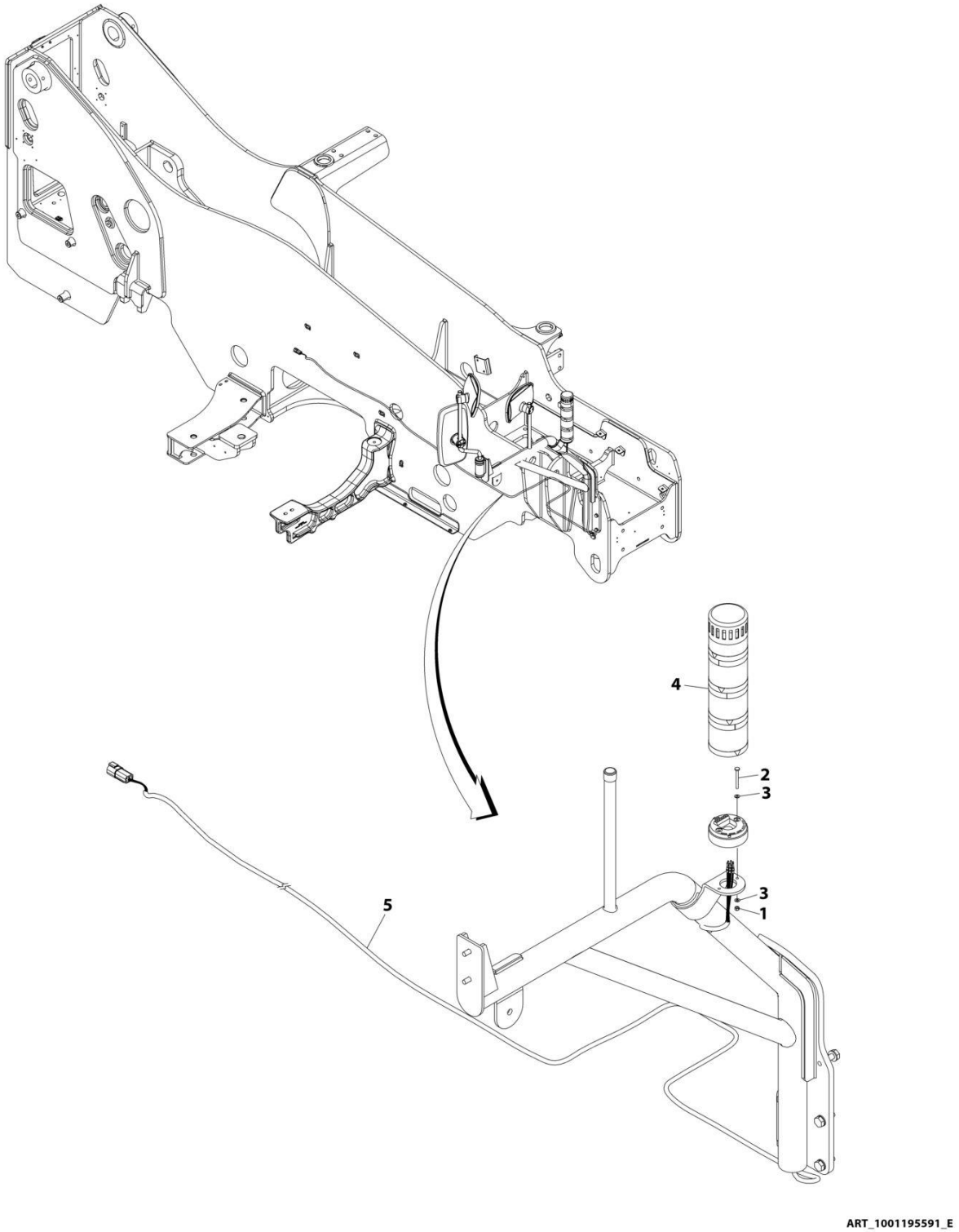
## FIGURE 10-93. LMIS BOOM ANGLE SENSOR INSTALLATION



## FIGURE 10-93. LMIS BOOM ANGLE SENSOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195590 | Ref | BOOM ANGLE SENSOR INSTALLATION (LMIS) | E |
| 1 | 0761008 | 2 | Bolt M10 x 16 | |
| 2 | 3290405 | 2 | Nut M4 | |
| 3 | 3290601 | 2 | Nut M6 x 1 | |
| 4 | 4010416 | 2 | Screw M4 x 40 | |
| 5 | 4010610 | 1 | Screw M6 x 20 | |
| 6 | 4811400 | 2 | Washer M4 | |
| 7 | 4812000 | 2 | Washer M10 | |
| 8 | 1001099717 | 1 | Sensor, Boom Angle | |
| 9 | 1001103156 | 1 | Pin | |
| 10 | 1001103300 | 1 | Fitting, Ball Joint | |
| 11 | 1001134274 | 1 | Clevis | |
| 12 | 1001213775 | 1 | Bracket | |
| 13 | 1001195731 | 1 | Link, Boom Angle Sensor | |
| 14 | 1001195732 | 1 | Rod | |
| 15 | 3290605 | 1 | Nut M6 x 1 | |
| 16 | 4811700 | 1 | Washer M6 | |
| 17 | 4761400 | 2 | Washer 1/4 | |

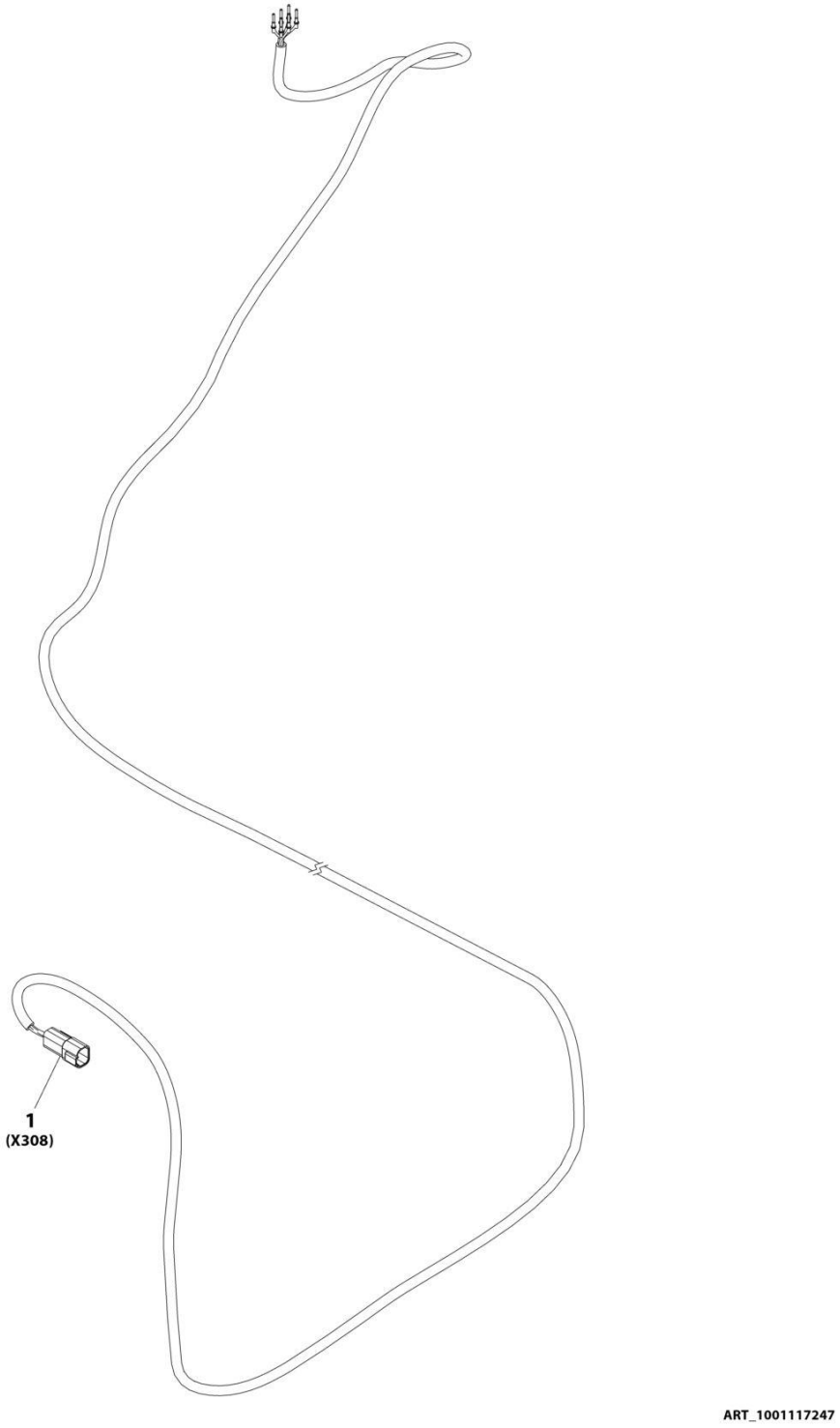
## FIGURE 10-94. LMIS BEACON LIGHT INSTALLATION



## FIGURE 10-94. LMIS BEACON LIGHT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195591 | Ref | LMIS Beacon Light Installation | E |
| 1 | 3290405 | 2 | Nut M4 | |
| 2 | 4010416 | 2 | Screw, M4X40 | |
| 3 | 4811400 | 4 | Washer, M4 | |
| | 1001265343 | 1 | Light, LMIS Beacon | |
| 5 | 1001117247 | 1 | Harness, LMIS Beacon Option (See Separate Breakdown in this Section) | |
| 7 | 1001146588 | 1 | Tie-Strap (Not Shown) | |

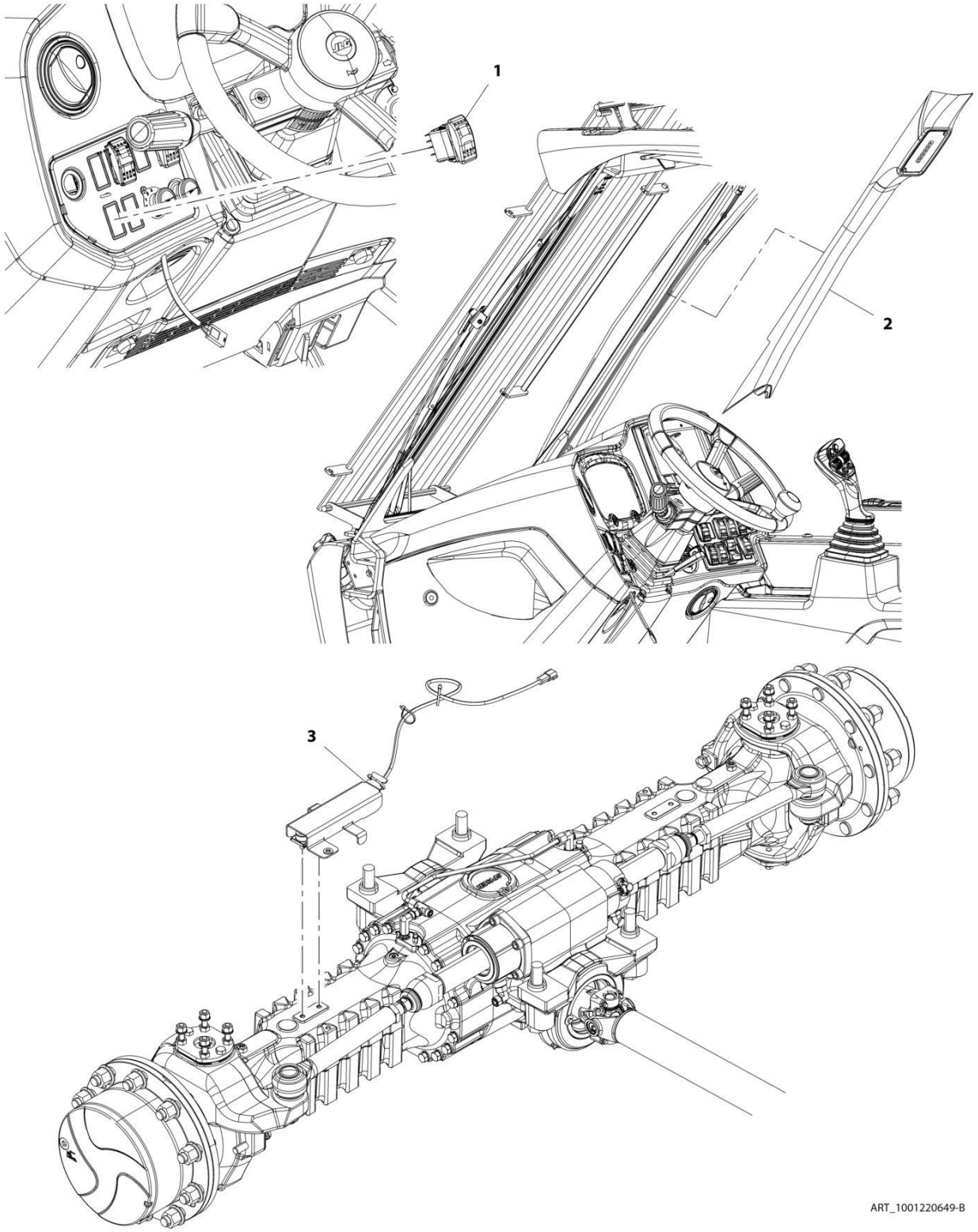
## FIGURE 10-95. LMIS BEACON OPTION HARNESS



## FIGURE 10-95. LMIS BEACON OPTION HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001117247 | Ref | LMIS Beacon Option Harness | D |
| 1 | 4460932 | 1 | Connector | |

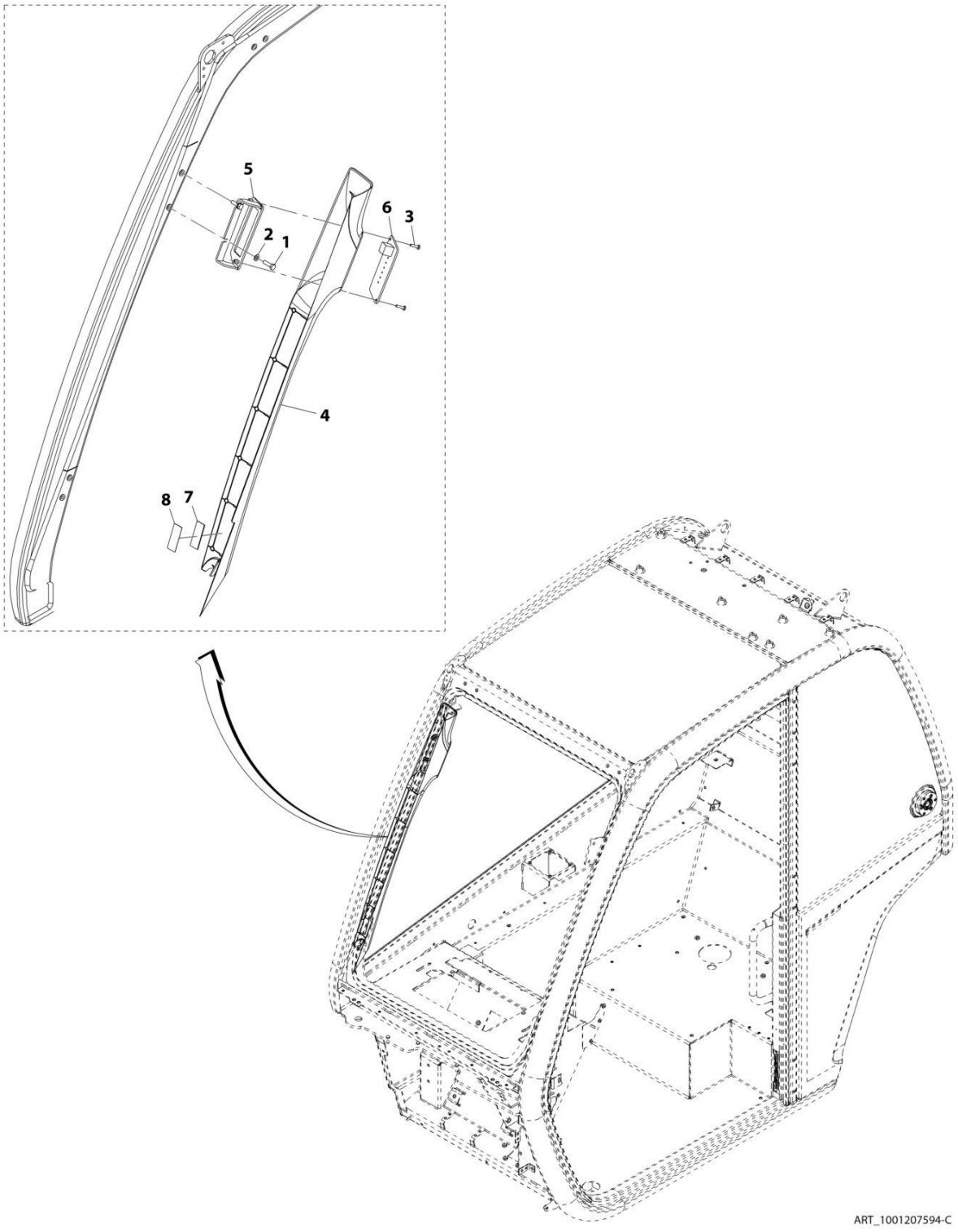
**FIGURE 10-96. LSI INSTALLATION**



## FIGURE 10-96. LSI INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220649 | Ref | LSI Installation | B |
| 1 | 1001159742 | 1 | Switch, LSI Override | |
| 2 | 1001207594 | Ref | Installation, LSI Display (See Separate Breakdown in this Section) | |
| 3 | 1001220650 | Ref | Installation, LSI Sensor (See Separate breakdown in this Section) | |

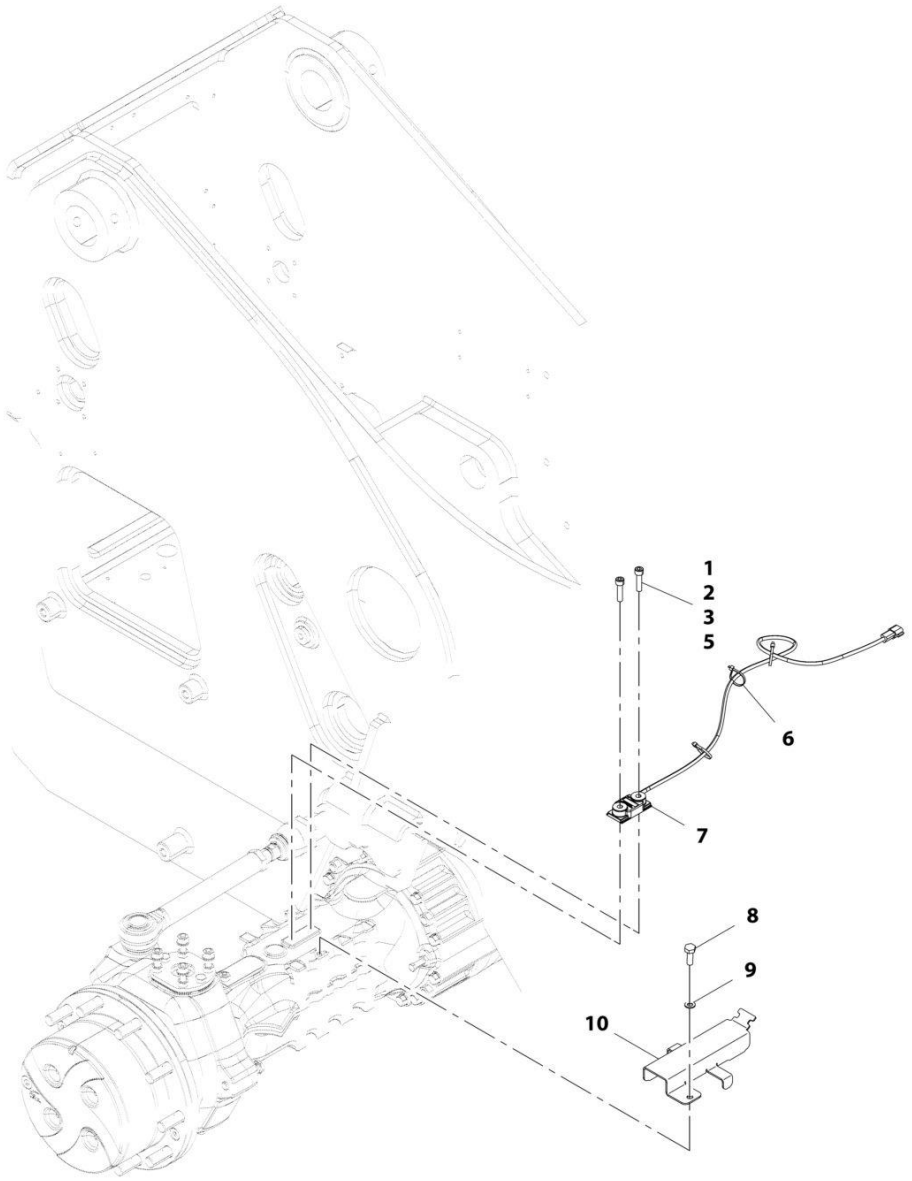
## FIGURE 10-97. LSI DISPLAY INSTALLATION



## FIGURE 10-97. LSI DISPLAY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001207594 | Ref | LSI Display Installation | C |
| 1 | 0760610 | 2 | Bolt, M6X20 | |
| 2 | 4811700 | 2 | Washer, M6 | |
| 3 | 1001126837 | 2 | Screw, M4X16 | |
| 4 | 1001182839 | 1 | Cover | |
| 5 | 1001214401 | 1 | Bracket | |
| 6 | 1001213752 | 1 | Display, LSI | |
| 7 | 1001221318 | 1 | Tape, Hook Fastener | |
| 8 | 1001221319 | 1 | Tape, Hook Fastener | |

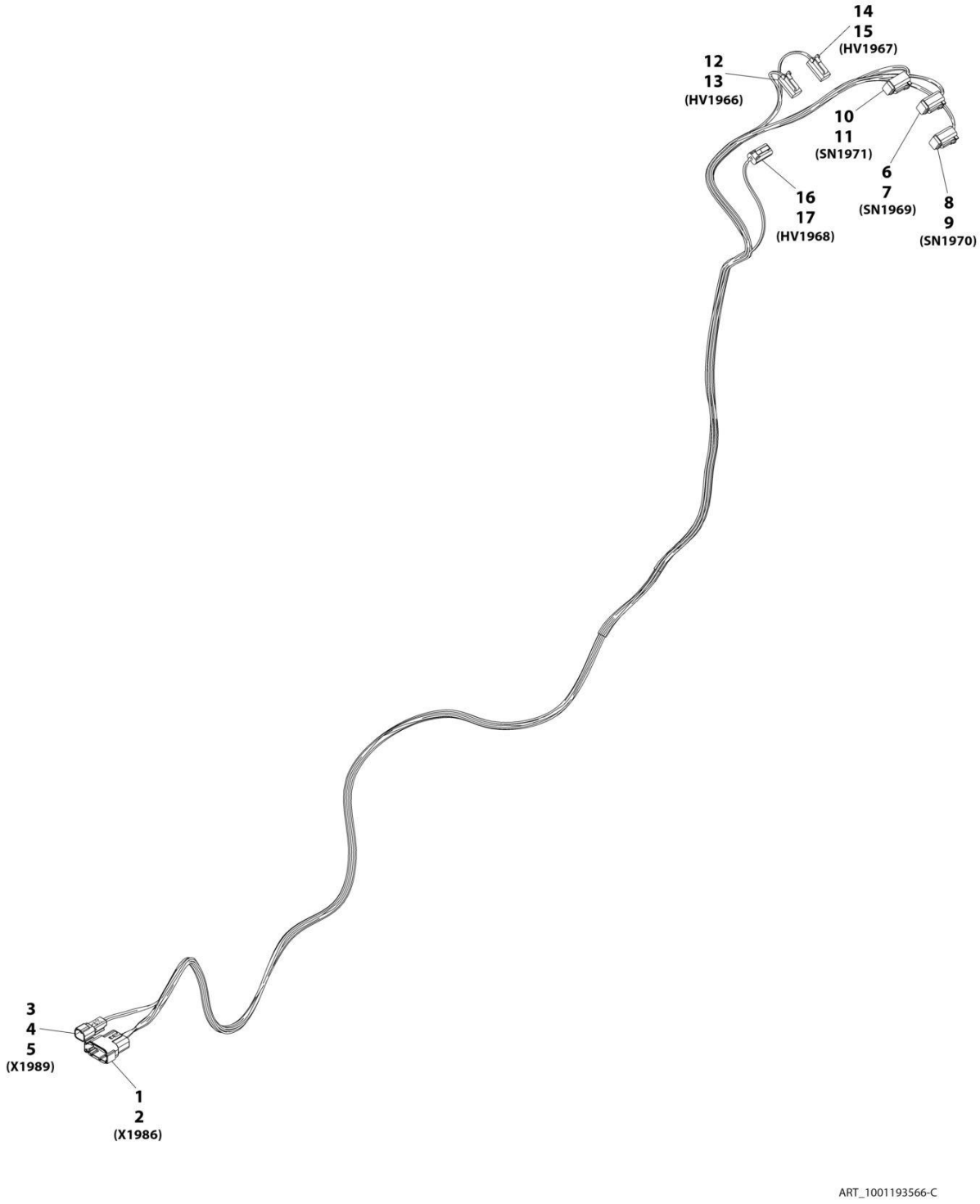
## FIGURE 10-98. LSI SENSOR INSTALLATION



## FIGURE 10-98. LSI SENSOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220650 | Ref | LSI Sensor Installation | B |
| 1 | 5272012 | 2 | Bolt, M10X40 | |
| 2 | 1001116128 | AR | Sealant | |
| 3 | 1001125465 | AR | Compound, Locking | |
| 5 | 1001129425 | AR | Compound, Locking | |
| 6 | 1001008559 | 3 | Strap, Cable | |
| 7 | 1001160730 | 1 | Sensor, LSI | |
| 8 | 0761010 | 1 | Bolt, M10X20 | |
| 9 | 4812000 | 1 | Washer, M10 | |
| 10 | 1001230850 | 1 | Bracket, LSI Cover | |

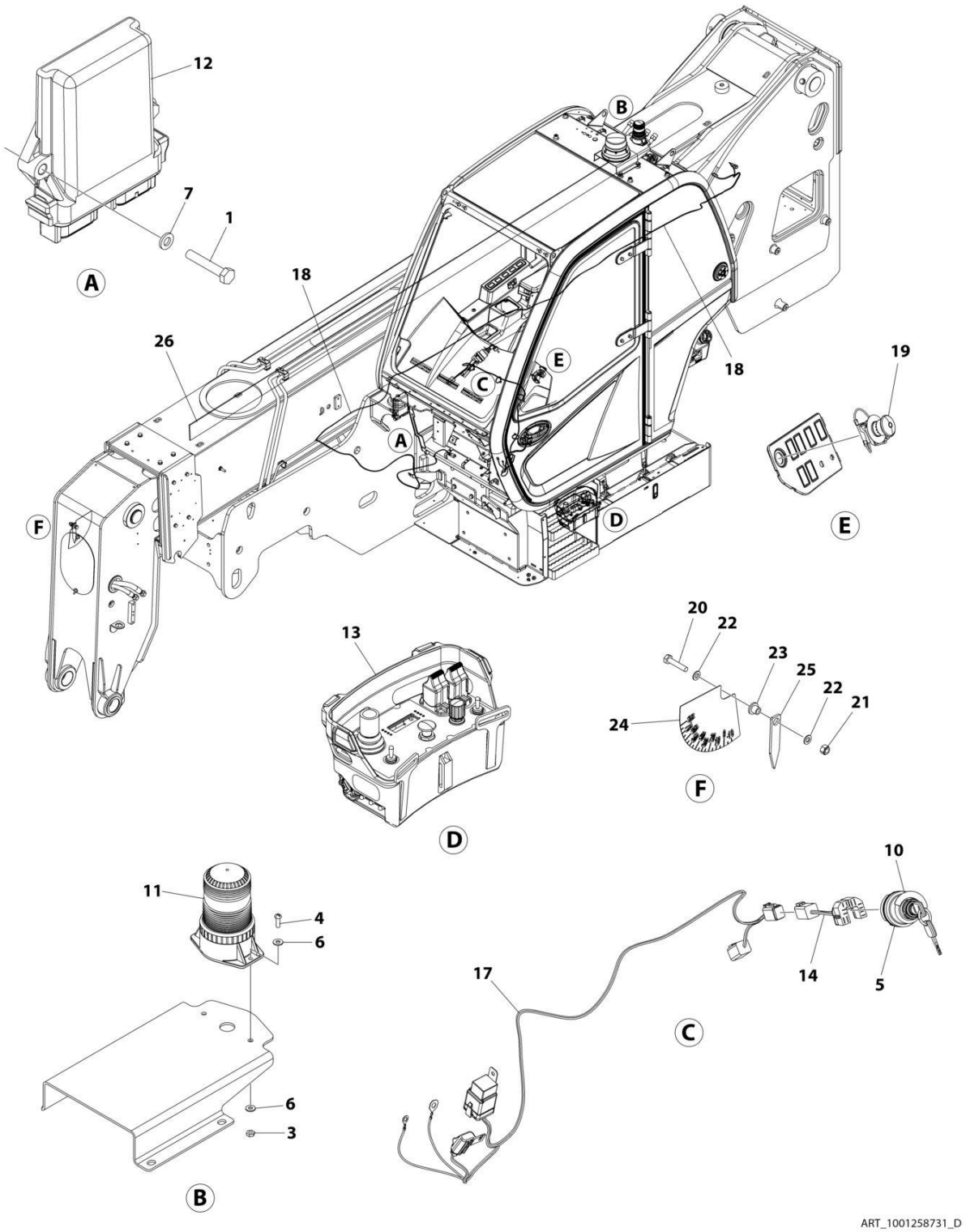
## FIGURE 10-99. RALP PLATFORM HARNESS



## FIGURE 10-99. RALP PLATFORM HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001193566 | Ref | Platform Harness (RALP) | C |
| 1 | 1001132169 | 1 | Connector | |
| 2 | 4460929 | 12 | Terminal | |
| 3 | 4460897 | 1 | Connector | |
| 4 | 4460464 | 1 | Terminal | |
| 5 | 4460941 | 1 | Terminal | |
| 6 | 4460884 | 1 | Connector | |
| 7 | 4460465 | 4 | Terminal | |
| 8 | 4460884 | 1 | Connector | |
| 9 | 4460465 | 4 | Terminal | |
| 10 | 4460884 | 1 | Connector | |
| 11 | 4460465 | 4 | Terminal | |
| 12 | 4460891 | 1 | Connector | |
| 13 | 4460465 | 2 | Terminal | |
| 14 | 4460891 | 1 | Connector | |
| 15 | 4460465 | 2 | Terminal | |
| 16 | 4460891 | 1 | Connector | |
| 17 | 4460465 | 2 | Terminal | |

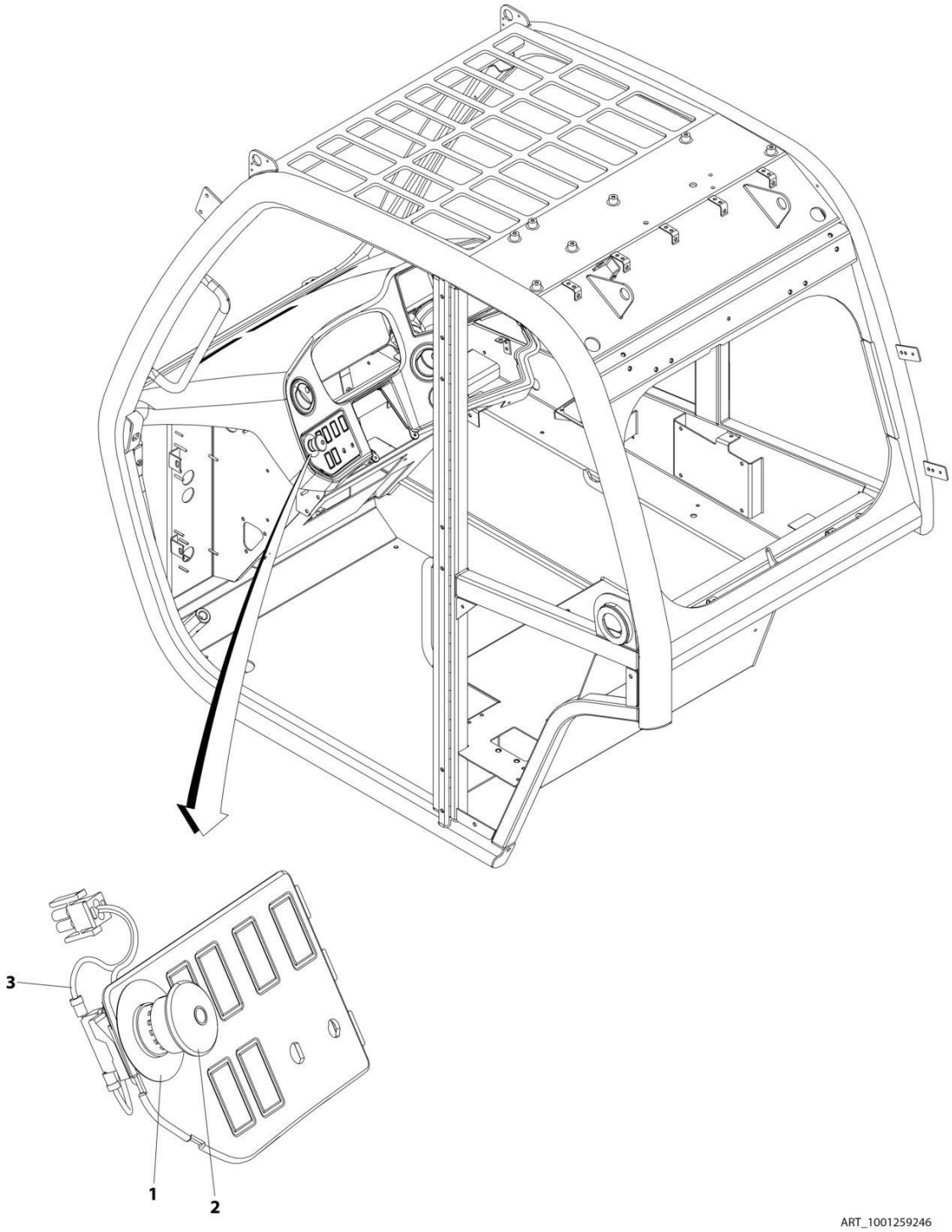
## FIGURE 10-100. REMOTE CONTROL (BOOM)



## FIGURE 10-100. REMOTE CONTROL (BOOM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001258731 | Ref | REMOTE CONTROL (BOOM) | D |
| 1 | 0760615 | 2 | Bolt M6 x 35 | |
| 3 | 3311005 | 2 | Nut #10 | |
| 4 | 3911010 | 2 | Screw #10 x 5/8 | |
| 5 | 4360657 | 1 | Switch, Ignition | |
| 6 | 4711000 | 4 | Washer #10 | |
| 7 | 4811700 | 2 | Washer M6 | |
| 9 | 1001008559 | 4 | Strap, As-Cable | |
| 10 | 1001268354 | 1 | Decal - Ignition Switch | |
| 11 | 1001200910 | 1 | Light, Beacon (Blue) | |
| 12 | 1001206112 | 1 | Control, Remote Controller | |
| 13 | 1001209194 | 1 | Control, Remote | |
| 14 | 1001241610 | 1 | Harness, Key (See Separate Breakdown in this Section) | |
| 15 | 1001253671 | 1 | Installation, Manual Pump (Lift/Tele) (Not Shown) (See Separate Breakdown in HYDRAULIC Section) | |
| 17 | 1001259205 | 1 | Harness, Remote Control Power (See Separate Breakdown in this Section) | |
| 18 | 1001259231 | 1 | Installation, Harness (Emergency Lowering - Frame) | |
| 18 | 1001008559 | 1 | Strap, As-Cable (Not Shown) | |
| 18 | 1001258719 | 1 | Harness, Emergency Lowering - Frame (See Separate Breakdown in this Section) | |
| 19 | 1001259246 | 1 | Installation, Emergency Stop Switch (See Separate Breakdown in this Section) | |
| 20 | 0701018 | 1 | Bolt M10 x 50 | |
| 21 | 3291005 | 1 | Nut M10 | |
| 22 | 4812000 | 2 | Washer M10 | |
| 23 | 1001171808 | 1 | Spacer | |
| 24 | 1001269176 | 1 | Decal - Boom Angle Indicator | |
| 25 | 1001269177 | 1 | Plate - Boom Angle Indicator | |
| 26 | 1001275622 | 1 | Decal - Boom Extend Remote | |

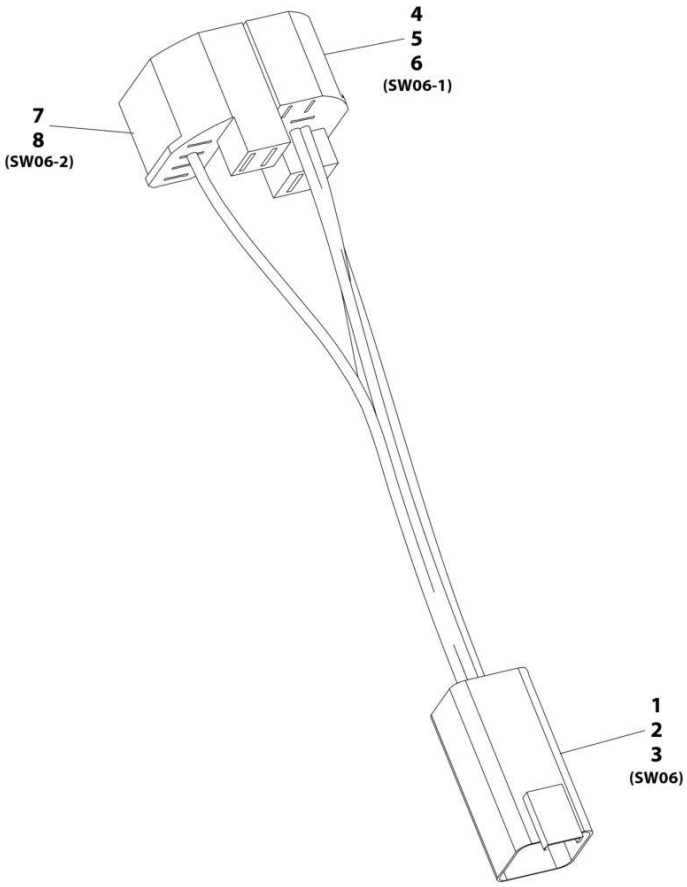
## FIGURE 10-101. REMOTE CONTROL EMERGENCY STOP SWITCH INSTALLATION



## FIGURE 10-101. REMOTE CONTROL EMERGENCY STOP SWITCH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259246 | Ref | Remote Control Emergency Stop Switch Installation | A |
| 1 | 1704260 | 1 | Decal - Emergency Stop | |
| 2 | 4360475 | 1 | Switch, Emergency Stop | |
| 3 | 1001259224 | 1 | Harness, EMS Switch | |
| 3 | 4460320 | 1 | Connector | |
| 3 | 4460183 | 2 | Terminal | |

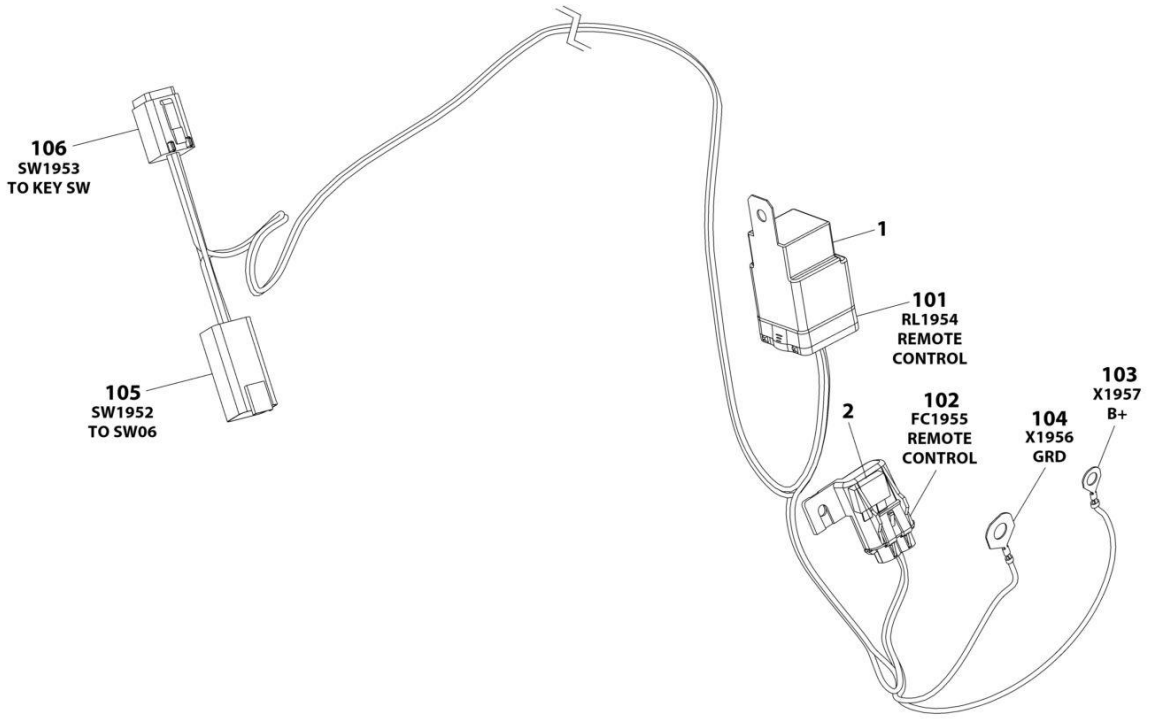
## FIGURE 10-102. REMOTE CONTROL KEY HARNESS



## FIGURE 10-102. REMOTE CONTROL KEY HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241610 | Ref | Key Harness | A |
| 1 | 4460899 | 1 | Connector | |
| 2 | 4460464 | 4 | Terminal | |
| 3 | 4460466 | 2 | Plug | |
| 4 | 1001118685 | 1 | Connector | |
| 5 | 1001104519 | 2 | Terminal | |
| 6 | 1001118383 | 1 | Terminal | |
| 7 | 1001117121 | 1 | Connector | |
| 8 | 1001104519 | 1 | Terminal | |

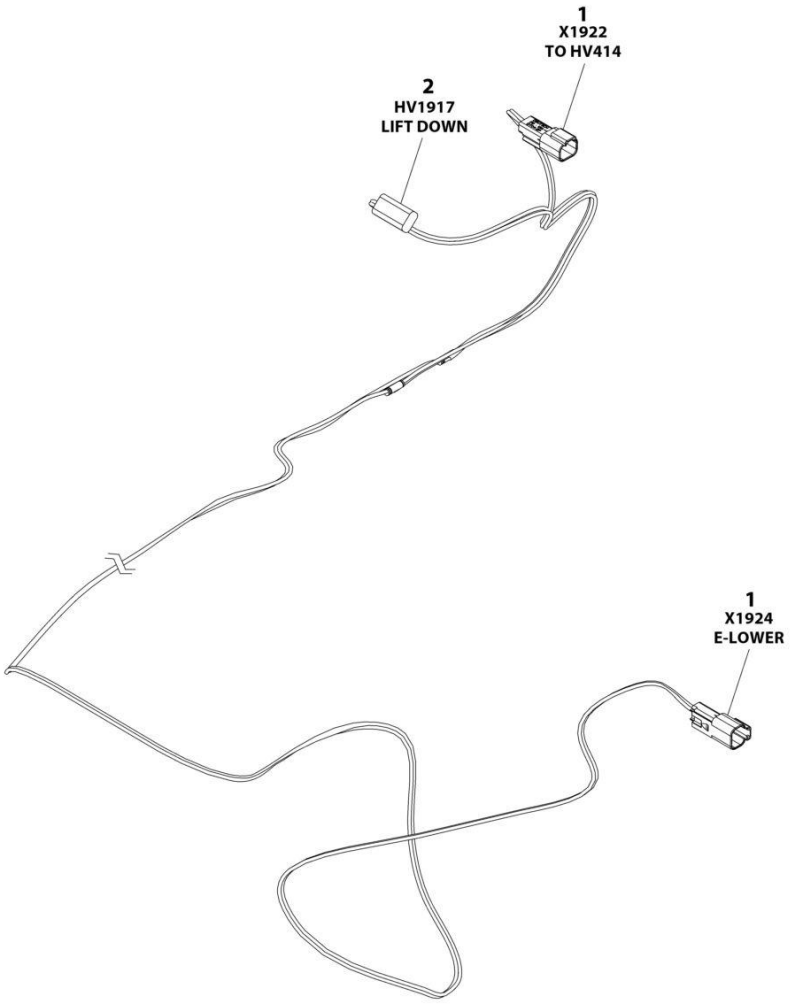
## FIGURE 10-103. REMOTE CONTROL POWER HARNESS



## FIGURE 10-103. REMOTE CONTROL POWER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001259205 | Ref | Remote Control Power Harness | A |
| 1 | 3740080 | 1 | Relay | |
| 2 | 8229234 | 1 | Fuse, 10Amp | |
| 101 | 1001231398 | 1 | Connector, Relay | |
| 101 | 1001231400 | 4 | Terminal | |
| 101 | 1001231404 | 4 | Seal, Terminal | |
| 101 | 1001231406 | 1 | Plug, Terminal | |
| 102 | 1001231397 | 1 | Connector - 2 Position | |
| 102 | 1001231400 | 2 | Terminal | |
| 102 | 1001231404 | 2 | Seal, Terminal | |
| 103 | 1001207173 | 1 | Terminal, Ring | |
| 104 | 1001211775 | 1 | Terminal, Ring | |
| 105 | 4460899 | 1 | Receptacle, Female - 6 Position | |
| 105 | 4460464 | 4 | Pin, Male | |
| 105 | 4460466 | 2 | Plug, Terminal | |
| 106 | 4460894 | 1 | Plug, Male - 6 Position | |
| 106 | 4460465 | 4 | Socket, Female | |
| 106 | 4460466 | 2 | Plug, Terminal | |

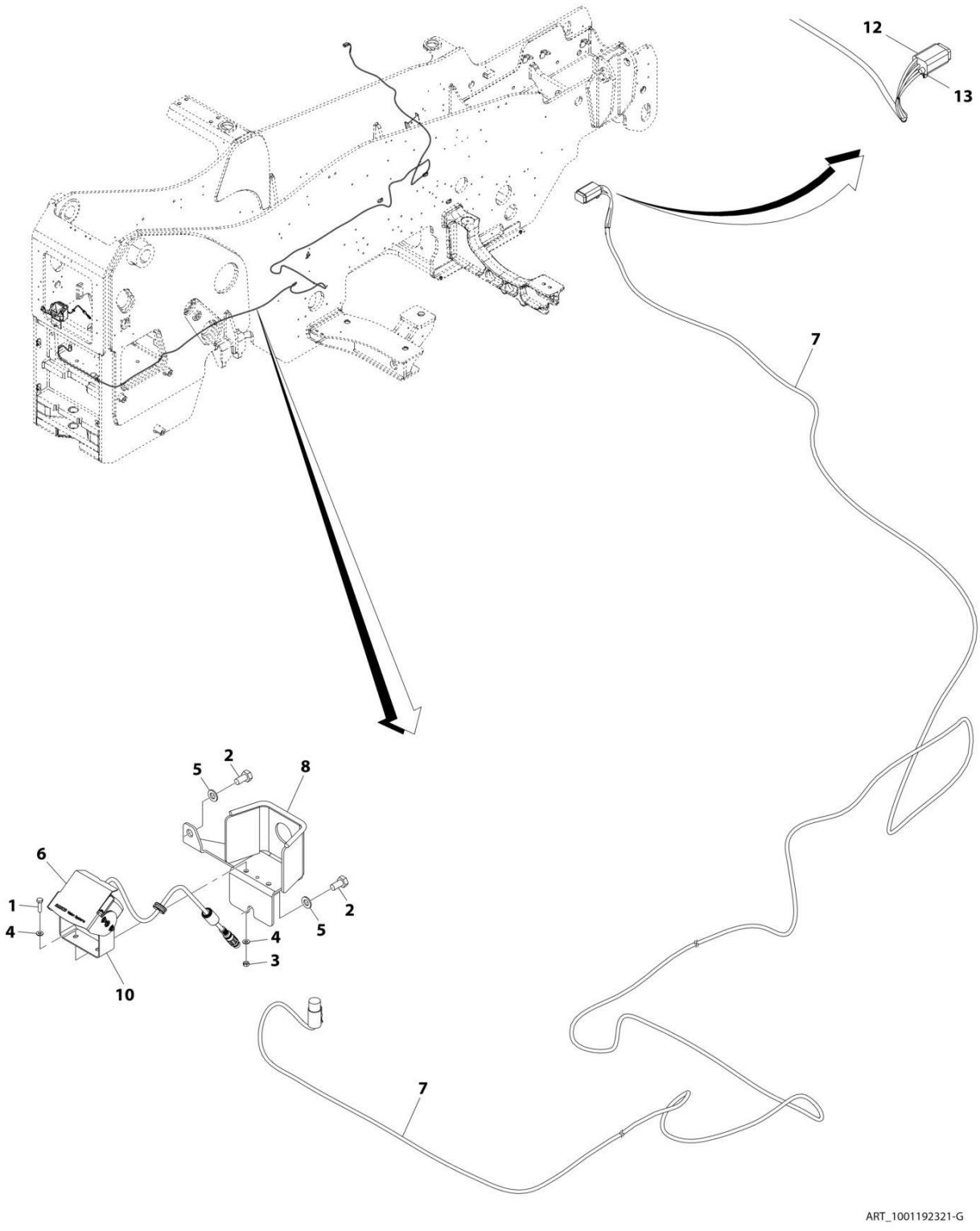
## FIGURE 10-104. REMOTE CONTROL EMERGENCY LOWERING HARNESS



## FIGURE 10-104. REMOTE CONTROL EMERGENCY LOWERING HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001258719 | Ref | Remote Control Emergency Lowering Harness | A |
| 1 | 4460897 | 2 | Receptacle, Female - 2 Position | |
| 1 | 4460464 | 4 | Pin, Male | |
| 2 | 4460891 | 1 | Plug, Male - 2 Position | |
| 2 | 4460465 | 2 | Socket, Male | |

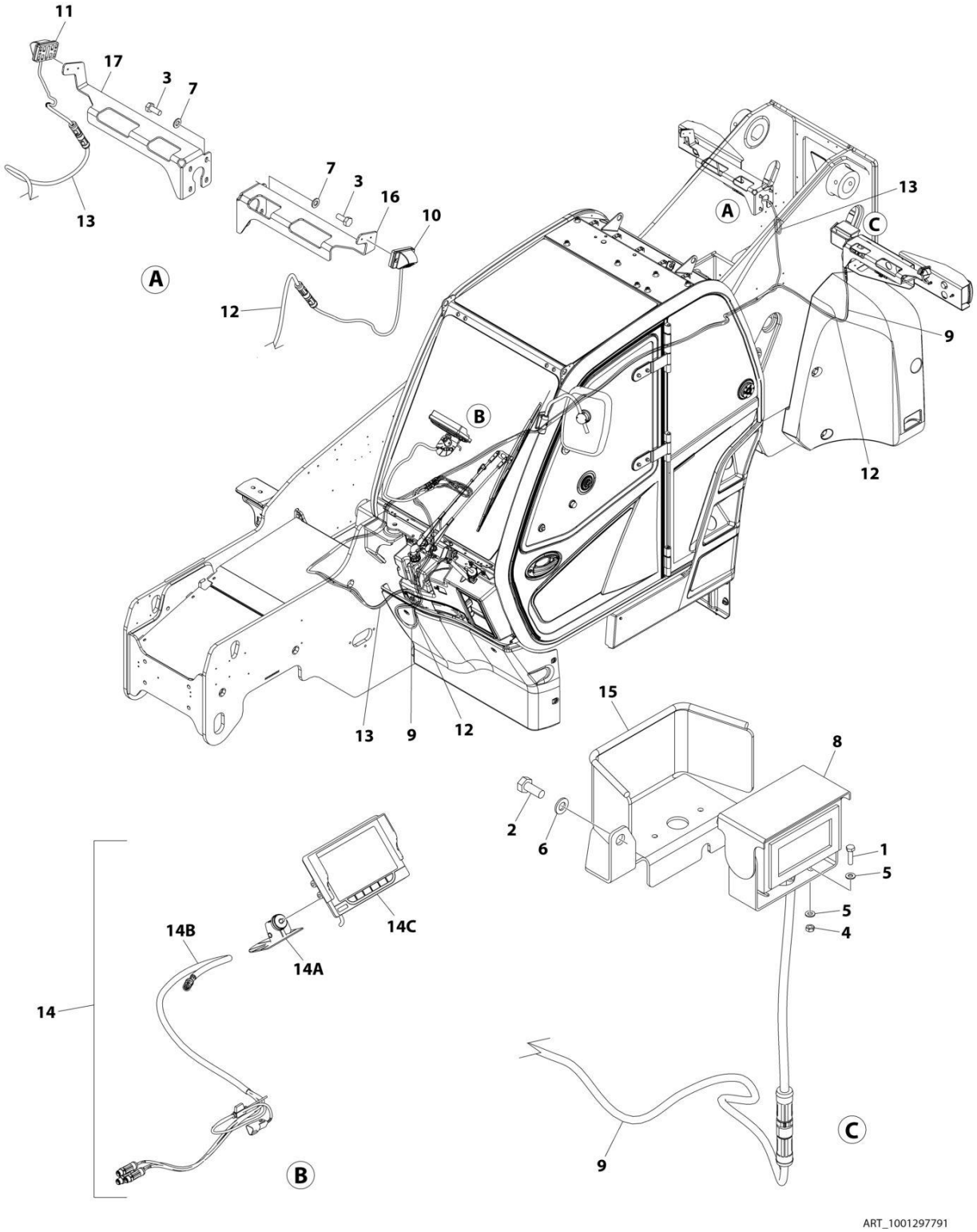
## FIGURE 10-105. REVERSE CAMERA INSTALLATION



## FIGURE 10-105. REVERSE CAMERA INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192321 | Ref | Reverse Camera Installation | G |
| 1 | 0700408 | 2 | Bolt, M4X16 | |
| 2 | 0760808 | 2 | Bolt, M8X16 | |
| 3 | 3290401 | 2 | Nut, M4X0.7 | |
| 4 | 4811400 | 4 | Washer, M4 | |
| 5 | 4811900 | 2 | Washer, M8 | |
| 6 | 1001167017 | 1 | Camera, Reverse | |
| 7 | 1001171962 | 1 | Cable, Camera | |
| 8 | 1001205307 | 1 | Bracket | |
| 10 | 1001202621 | 1 | Bracket | |
| 12 | 4460884 | 1 | Connector | |
| 13 | 4460466 | 1 | Terminal | |

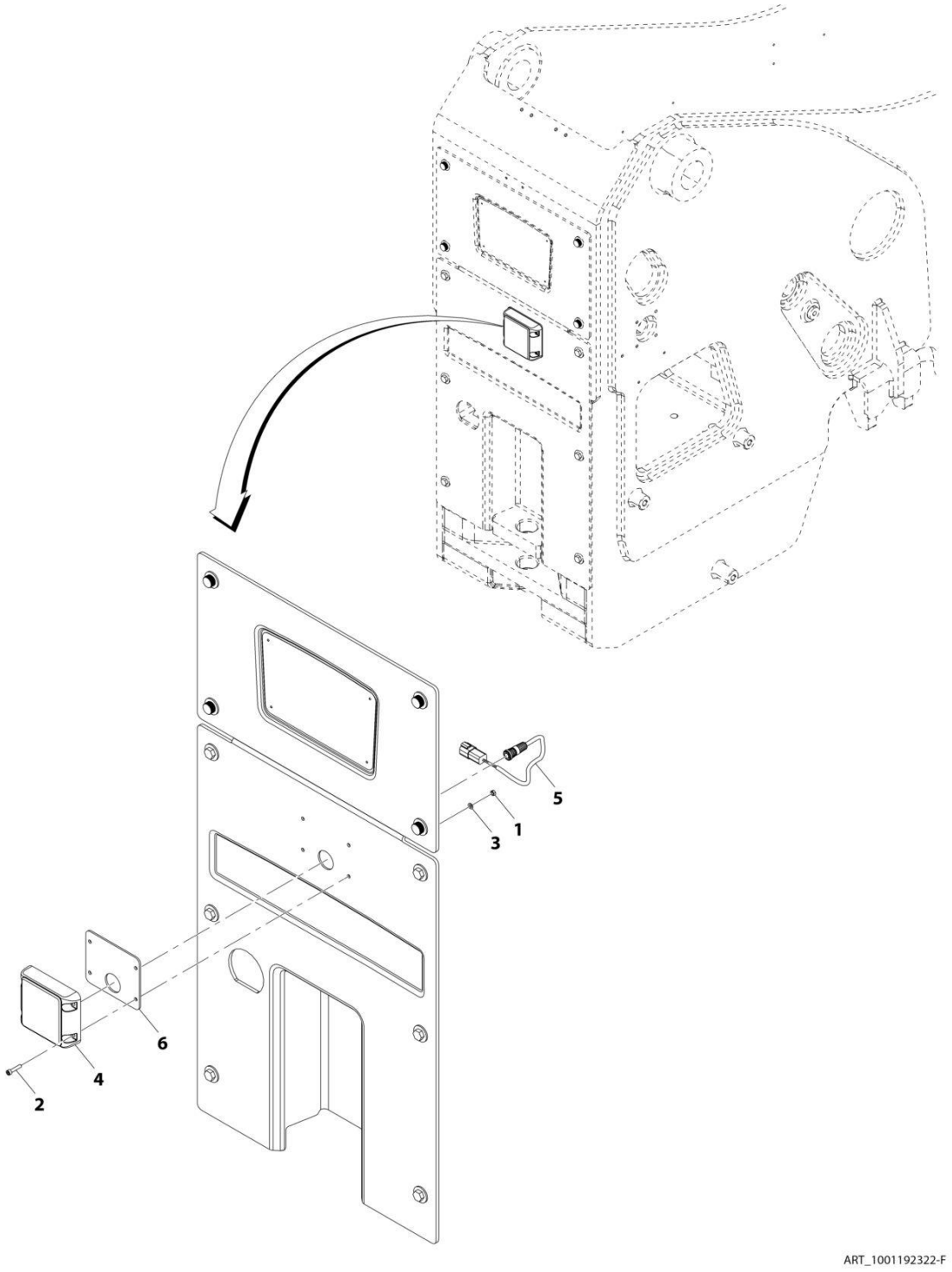
## FIGURE 10-106. MULTI VIEW CAMERA INSTALLATION (SN 0160124386 to Present)



## FIGURE 10-106. MULTI VIEW CAMERA INSTALLATION (SN 0160124386 to Present)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001297791 | Ref | MULTI VIEW CAMERA INSTALLATION | A |
| 1 | 0700408 | 2 | Bolt M4 x 16 | |
| 2 | 0760810 | 2 | Bolt M8 x 20 | |
| 3 | 0761012 | 8 | Bolt M10 x 25 | |
| 4 | 3290401 | 2 | Nut M4 | |
| 5 | 4811400 | 4 | Washer M4 | |
| 6 | 4811900 | 2 | Washer M8 | |
| 7 | 4812000 | 8 | Washer M10 | |
| 8 | 1001233174 | 1 | Camera, Rear View | |
| 9 | 1001233434 | 1 | Extension Cable Camera Harness | |
| 10 | 1001264534 | 1 | Camera, Side View (LH) | |
| 11 | 1001264536 | 1 | Camera, Side View (RH) | |
| 12 | 1001265979 | 1 | Extension Cable Camera Harness (LH) | |
| 13 | 1001265980 | 1 | Extension Cable Camera Harness (RH) | |
| 14 | 1001289479 | 1 | Quad View Monitor Assembly | C |
| 14A | 1001233217 | 1 | Bracket | |
| 14B | 1001294608 | 1 | Quad View Monitor Harness | |
| 14C | 1001302410 | 1 | Monitor LED Display | |
| 15 | 1001294994 | 1 | Bracket, Rear | |
| 16 | 1001295267 | 1 | Bracket, Side (LH) | |
| 17 | 1001295268 | 1 | Bracket, Side (RH) | |

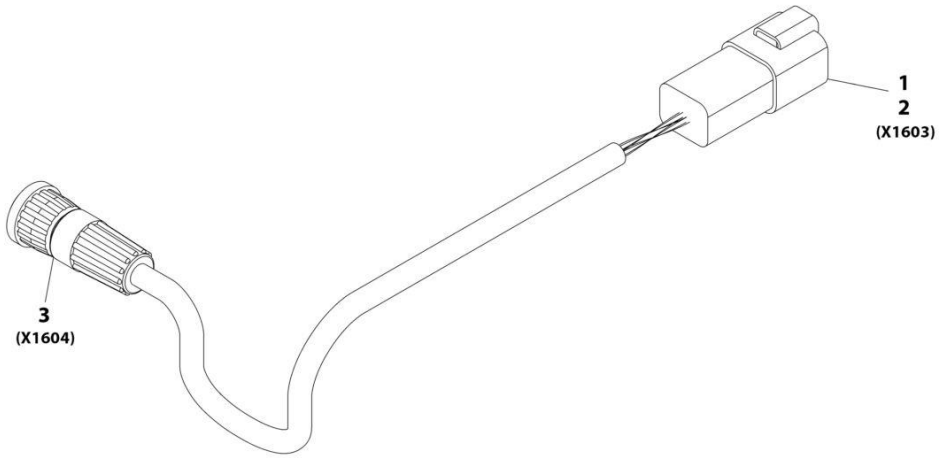
## FIGURE 10-107. REVERSE SENSOR INSTALLATION



## FIGURE 10-107. REVERSE SENSOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192322 | Ref | Reverse Sensor Installation | F |
| 1 | 3290501 | 4 | Nut, M5X0.8 | |
| 2 | 5271609 | 4 | Screw, M5X25 | |
| 3 | 4811600 | 4 | Washer, M5 | |
| 4 | 1001247421 | 1 | Sensor, Reverse | |
| 5 | 1001175776 | 1 | Harness, Reverse Sensor (See Separate Breakdown in this Section) | |
| 6 | 1001251518 | 1 | Plate | |

## FIGURE 10-108. REVERSE SENSOR HARNESS

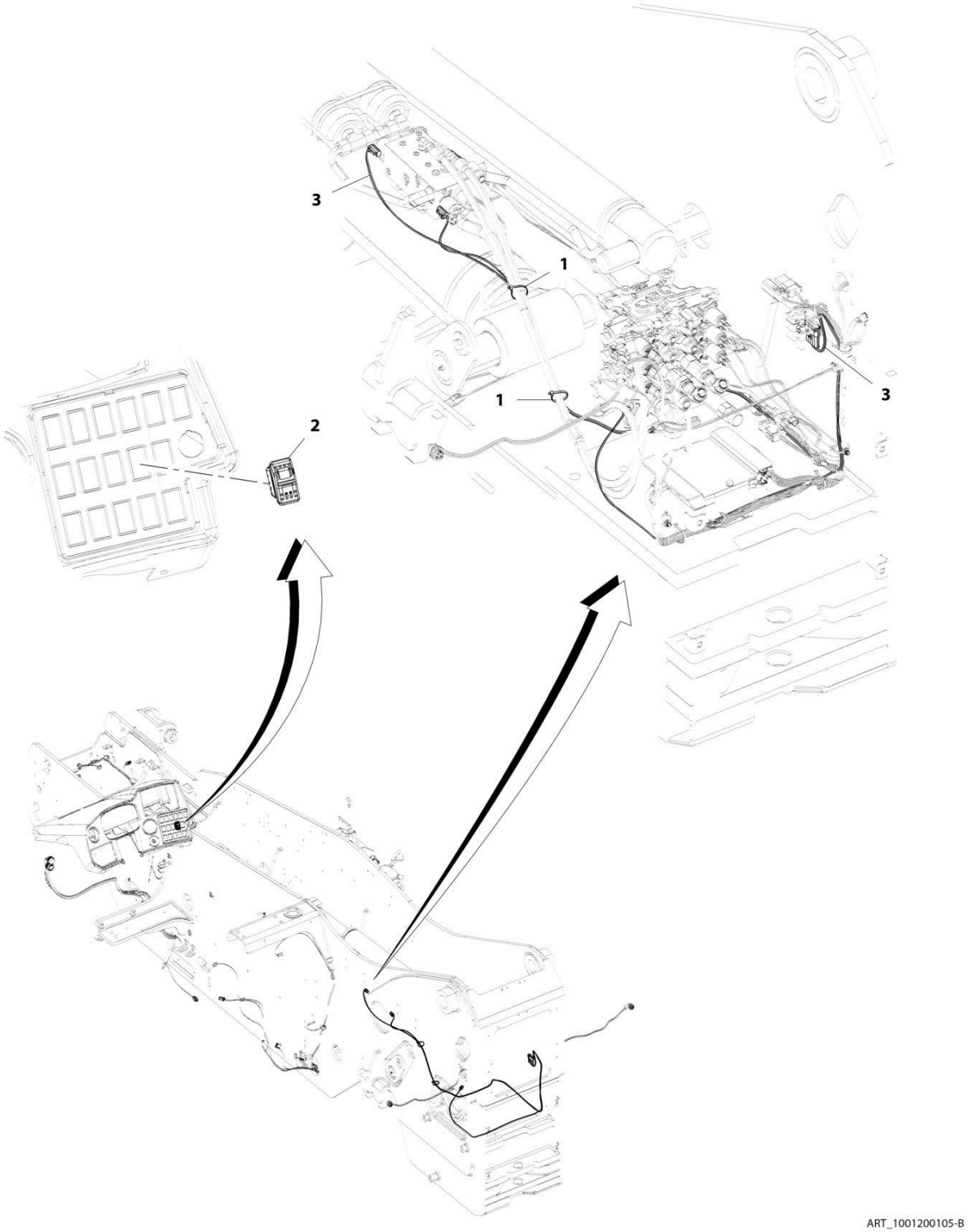



ART_1001175776-C

## FIGURE 10-108. REVERSE SENSOR HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001175776 | Ref | Reverse Sensor Harness | C |
| 1 | 4460932 | 1 | Connector | |
| 2 | 4460464 | 4 | Terminal | |
| 3 | 1001175733 | 1 | Connector | |

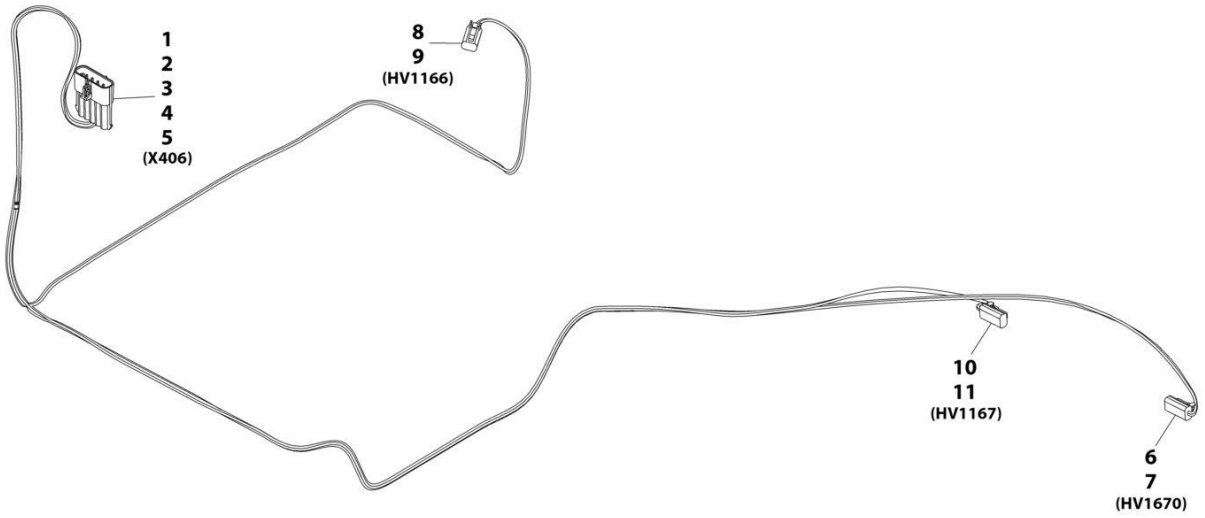
## FIGURE 10-109. RIDE CONTROL WIRING INSTALLATION



## FIGURE 10-109. RIDE CONTROL WIRING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200105 | Ref | Ride Control Wiring Installation | B |
| 1 | 1001008559 | 2 | Strap, Cable Tie | |
| 2 | 1001159745 | 1 | Switch, Boom Ride | |
| 3 | 1001197668 | 1 | Harness, Boom Ride Float (See Separate Breakdown in this Section) | |

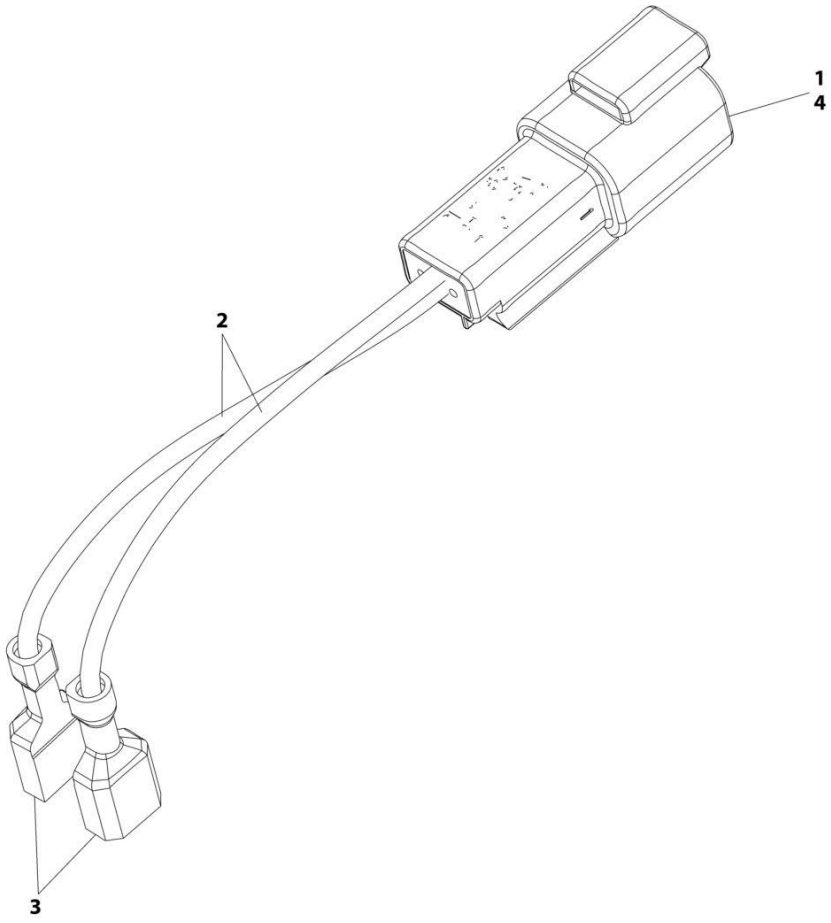
## FIGURE 10-110. RIDE CONTROL HARNESS (BOOM)



## FIGURE 10-110. RIDE CONTROL HARNESS (BOOM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001197668 | Ref | Boom Ride Control Harness | D |
| 1 | 1001121727 | 1 | Connector | |
| 2 | 1001116745 | 3 | Terminal | |
| 3 | 1001116729 | 1 | Terminal | |
| 4 | 4460458 | 4 | Terminal Seal | |
| 5 | 1001116727 | 1 | Plug | |
| 6 | 4460891 | 1 | Connector | |
| 7 | 4460465 | 2 | Terminal | |
| 8 | 4460891 | 1 | Connector | |
| 9 | 4460465 | 2 | Terminal | |
| 10 | 4460891 | 1 | Connector | |
| 11 | 4460465 | 2 | Terminal | |

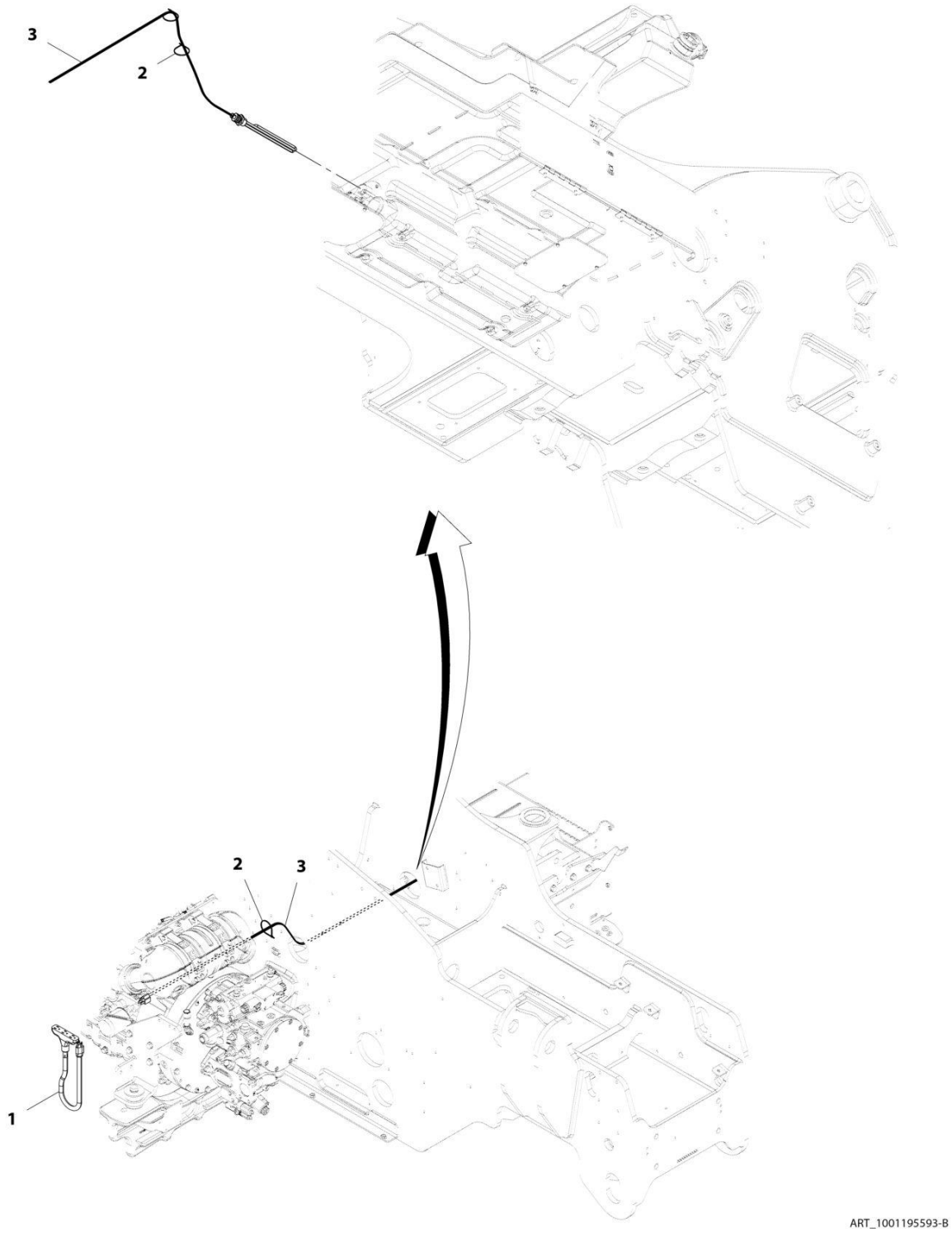
## FIGURE 10-111. SPEED HARNESS (VEHICLE SPEED)



## FIGURE 10-111. SPEED HARNESS (VEHICLE SPEED)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001229981 | Ref | Vehicle Speed Pigtail Harness | A |
| 1 | 4460464 | 2 | Terminal | |
| 2 | 4921614 | 200 mm | Wire, 18GA White | |
| 3 | 1001194421 | 2 | Terminal | |
| 4 | 4460897 | 1 | Connector | |

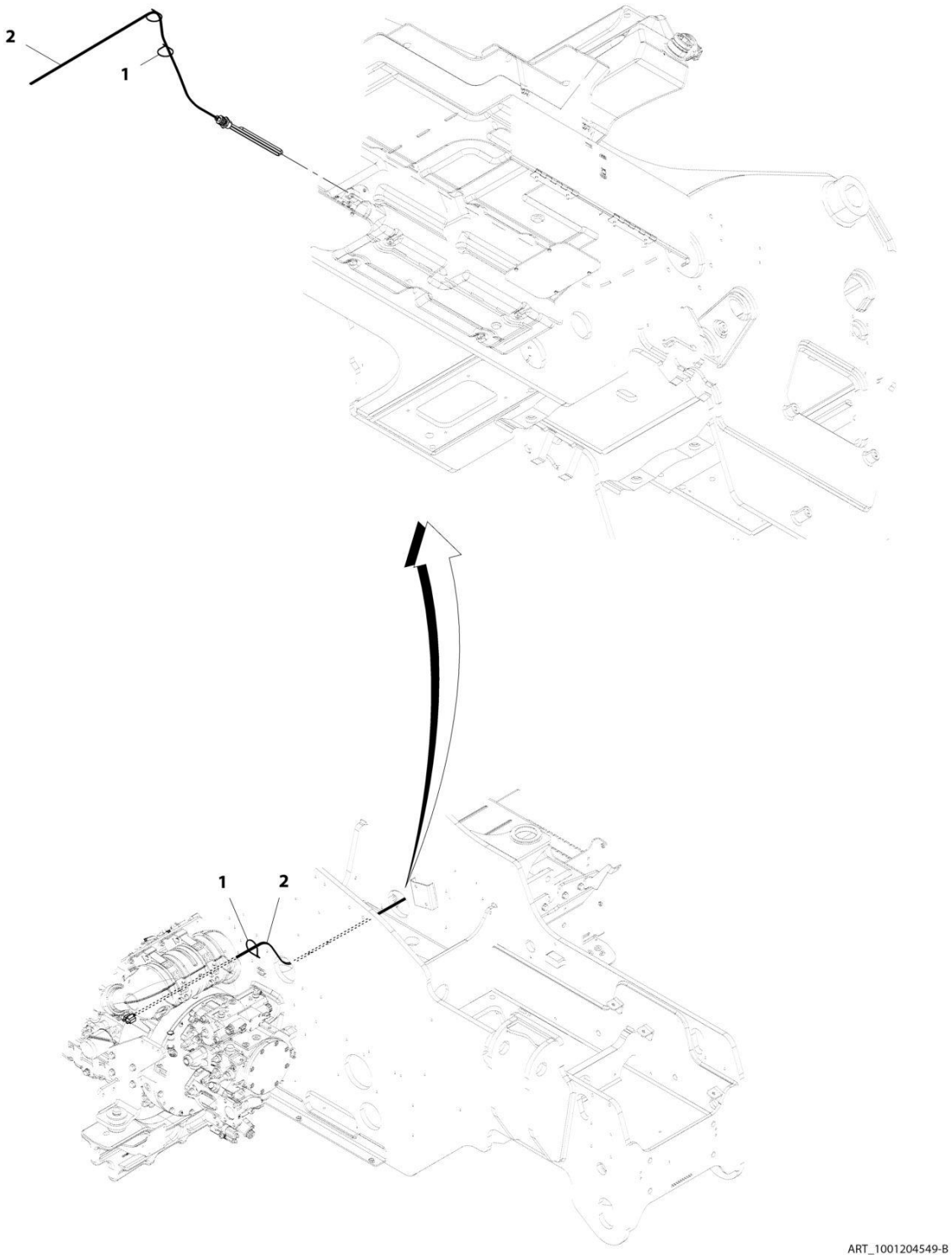
## FIGURE 10-112. TANK HEATER INSTALLATION - HYDRAULIC TANK (115V)



## FIGURE 10-112. TANK HEATER INSTALLATION - HYDRAULIC TANK (115V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195593 | Ref | Hydraulic Tank Heater Installation (115V) | B |
| 1 | 1060626 | 1 | Cord, 3-Way Extension | |
| 2 | 4240099 | AR | Tie, Wire | |
| 3 | 1001105886 | 1 | Heater, Immersion | |

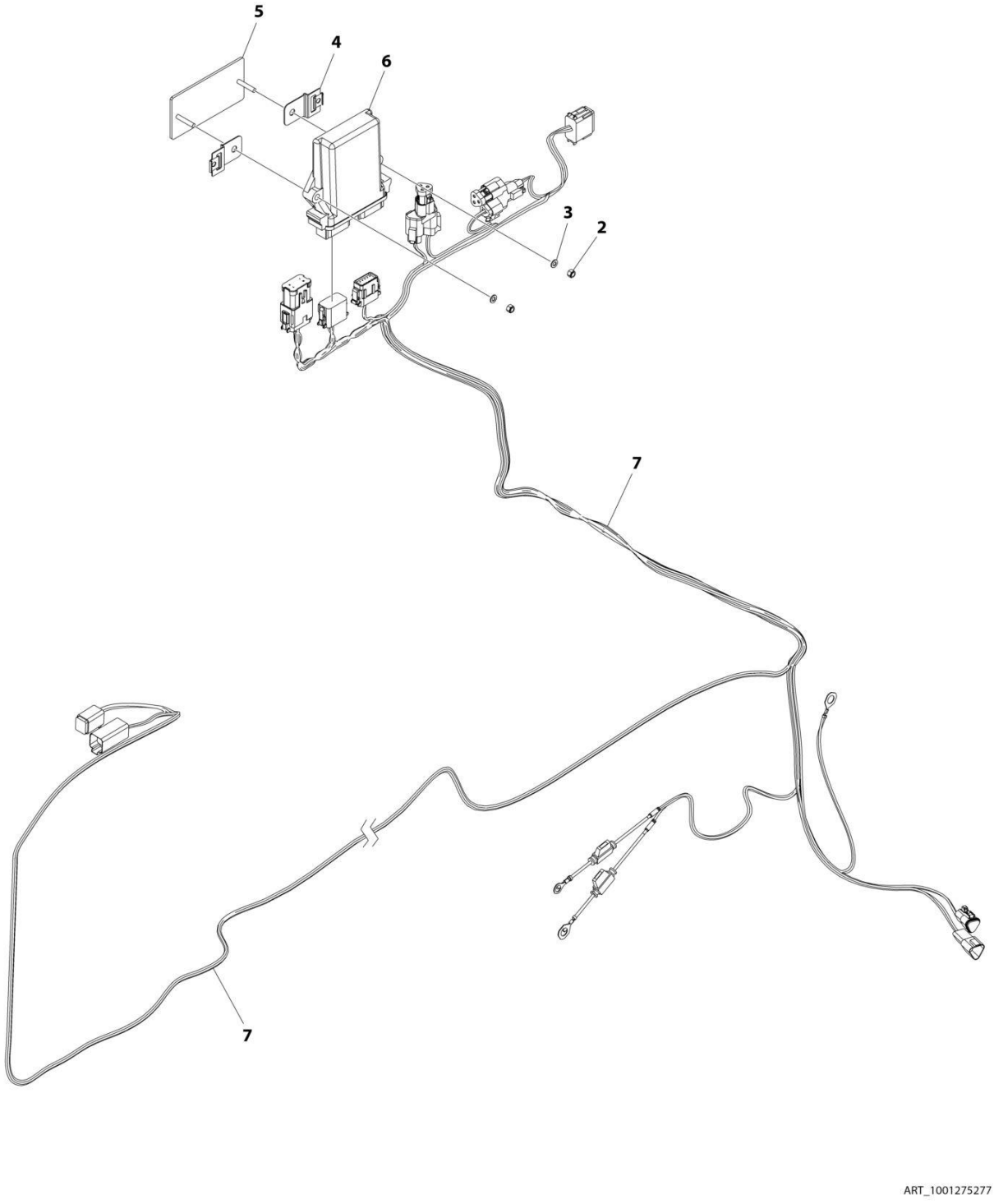
## FIGURE 10-113. TANK HEATER INSTALLATION - HYDRAULIC TANK (240V)



## FIGURE 10-113. TANK HEATER INSTALLATION - HYDRAULIC TANK (240V)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204549 | Ref | Hydraulic Tank Heater Installation (240V) | B |
| 1 | 4240099 | AR | Tie, Wire | |
| 2 | 1001195439 | 1 | Heater, Immersion | |

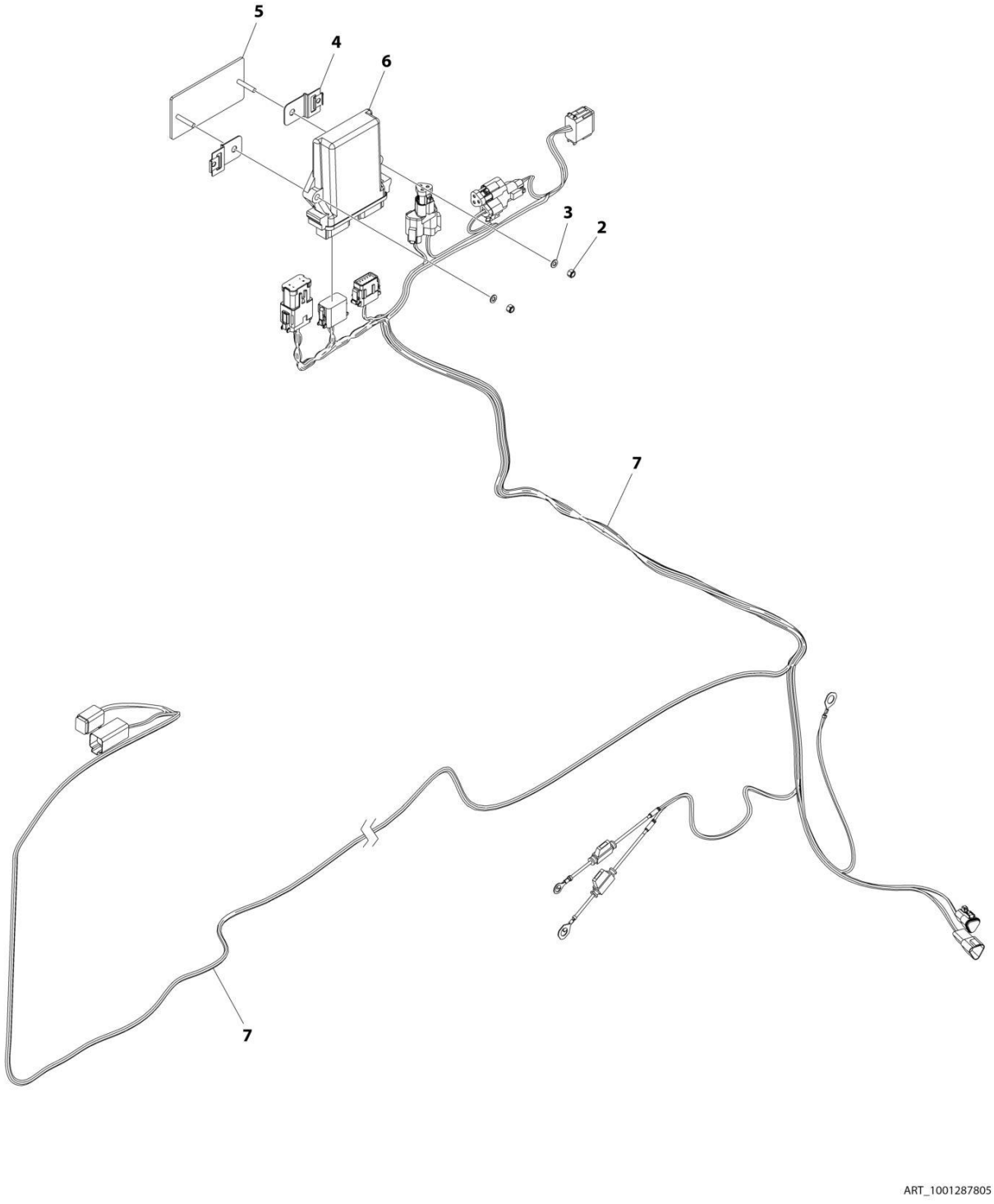
## FIGURE 10-114. TELEMATICS GATEWAY INSTALLATION



## FIGURE 10-114. TELEMATICS GATEWAY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001275277 | Ref | TELEMATICS GATEWAY INSTALLATION | A |
| 1 | 1062255 | AR | Tie-Strap (Not Shown) | |
| 2 | 3290505 | 2 | Nut M5 | |
| 3 | 4811600 | 2 | Washer M5 | |
| 4 | 1001153749 | 2 | Clip | |
| 5 | 1001219082 | 1 | Bracket | |
| 6 | 1001229458 | 1 | Controller, Gateway | |
| 7 | 1001275276 | 1 | Harness, Telematics Gateway (See Separate Breakdown in this Section) | |

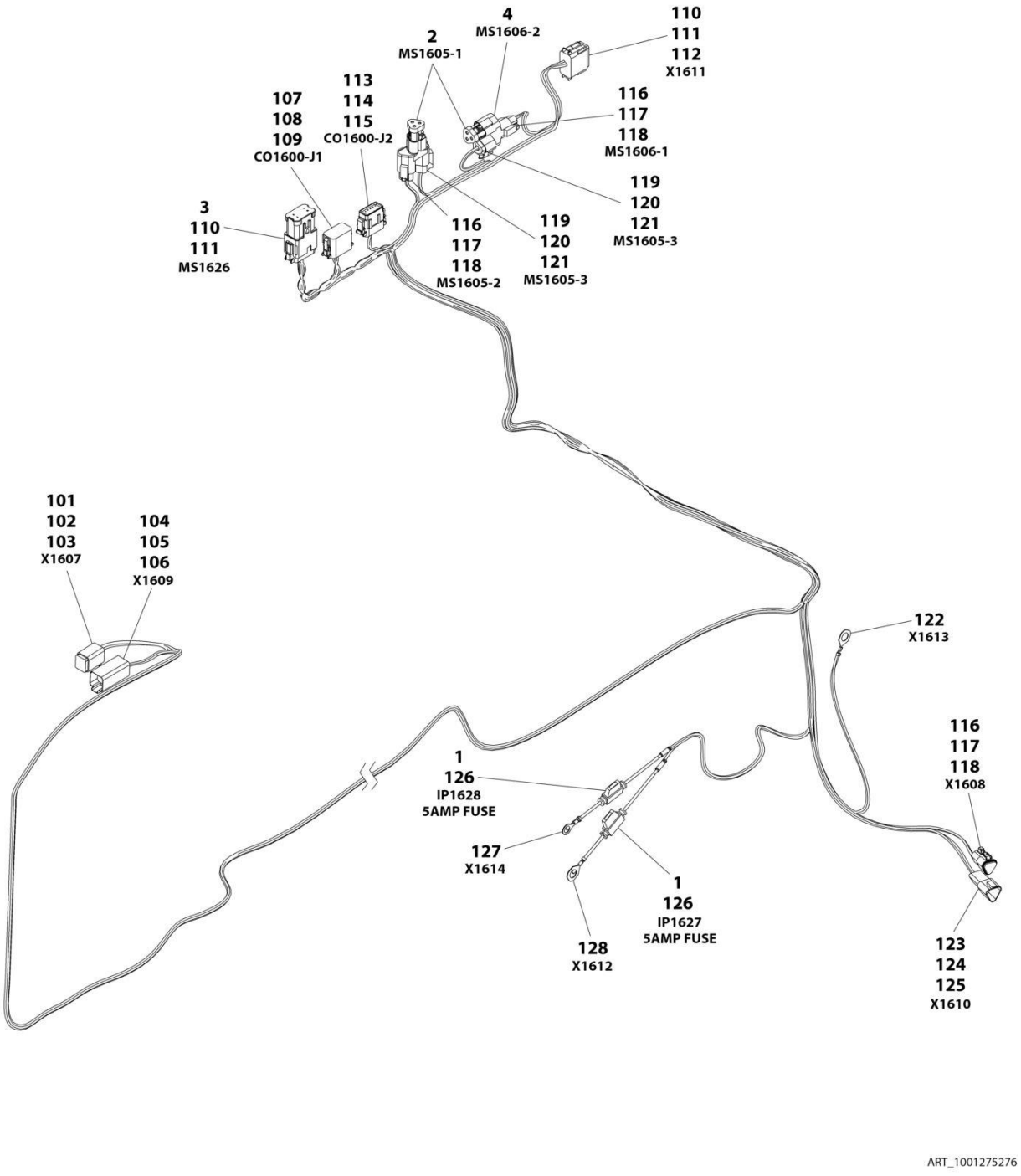
## FIGURE 10-115. TELEMATICS GATWAY PLUS



## FIGURE 10-115. TELEMATICS GATWAY PLUS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001287805 | Ref | TELEMATICS GATEWAY PLUS | A |
| 1 | 1062255 | AR | Tie-Strap (Not Shown) | |
| 2 | 3290505 | 2 | Nut M5 | |
| 3 | 4811600 | 2 | Washer M5 | |
| 4 | 1001153749 | 2 | Clip | |
| 5 | 1001219082 | 1 | Bracket | |
| 6 | 1001282260 | 1 | Control, Gateway Plus | |
| 7 | 1001275276 | 1 | Harness, Telematics Gateway (See Separate Breakdown in this Section) | |

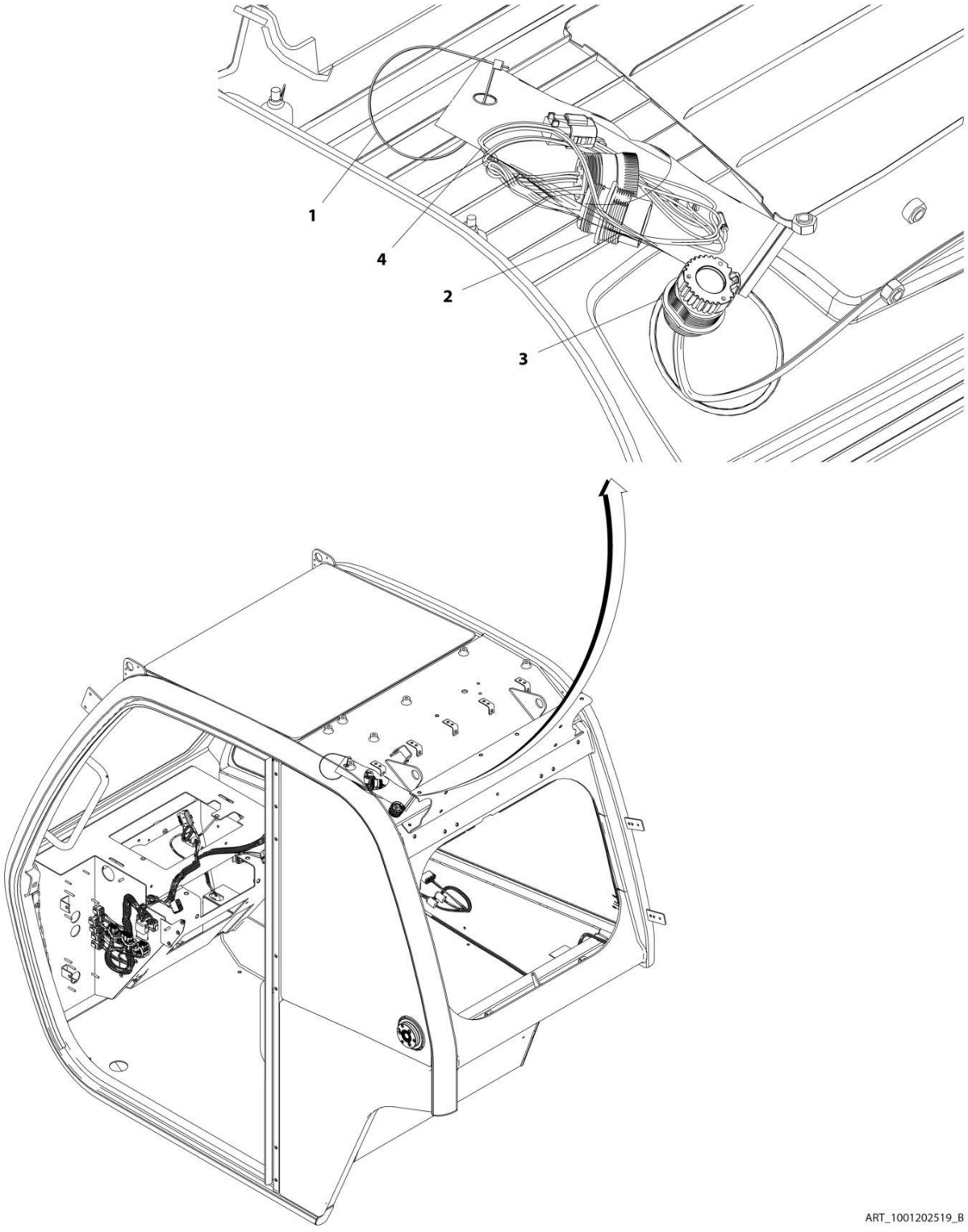
## FIGURE 10-116. TELEMATICS GATEWAY HARNESS



## FIGURE 10-116. TELEMATICS GATEWAY HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001275276 | Ref | TELEMATICS GATEWAY HARNESS | A |
| 1 | 8229242 | 2 | Fuse, 5AMP | |
| 2 | 1001116815 | 2 | Connector, Plug - 3 Position | |
| 3 | 1001200206 | 1 | Connector, Buss - 12 Position | |
| 4 | 4460945 | 2 | Receptacle, 3 - Way | |
| 101 | 4460894 | 1 | Plug, Male - 6 Position | |
| 102 | 4460465 | 3 | Socket, Female | |
| 103 | 4460466 | 3 | Plug, Terminal | |
| 104 | 4460899 | 1 | Receptacle, Female - 6 Position | |
| 105 | 4460464 | 3 | Pin, Male | |
| 106 | 4460466 | 3 | Plug, Terminal | |
| 107 | 1001116774 | 1 | Connector - 12 Position | |
| 108 | 1001126008 | 6 | Terminal | |
| 109 | 4460518 | 6 | Plug, Terminal | |
| 110 | 4460933 | 2 | Connector - 12 Position | |
| 111 | 4460465 | 17 | Socket, Female | |
| 112 | 4460466 | 7 | Plug, Terminal | |
| 113 | 1001116808 | 1 | Connector - 12 Position | |
| 114 | 1001126008 | 2 | Terminal | |
| 115 | 4460518 | 10 | Plug, Terminal | |
| 116 | 1001116812 | 3 | Plug, Male - 3 Position | |
| 117 | 4460465 | 6 | Socket, Female | |
| 118 | 4460466 | 3 | Plug, Terminal | |
| 119 | 4460539 | 2 | Plug, Male - 3 Position | |
| 120 | 4460465 | 4 | Socket, Female | |
| 121 | 4460466 | 2 | Plug, Terminal | |
| 122 | 1001187081 | 1 | Terminal, Ring | |
| 123 | 1001144147 | 1 | Receptacle, Female - 3 Position | |
| 124 | 4460464 | 2 | Pin, Male | |
| 125 | 4460466 | 1 | Plug, Terminal | |
| 126 | 2400060 | 2 | Fuseholder with Cover | |
| 127 | 4460670 | 1 | Terminal, Ring | |
| 128 | 1001187078 | 1 | Terminal, Ring | |

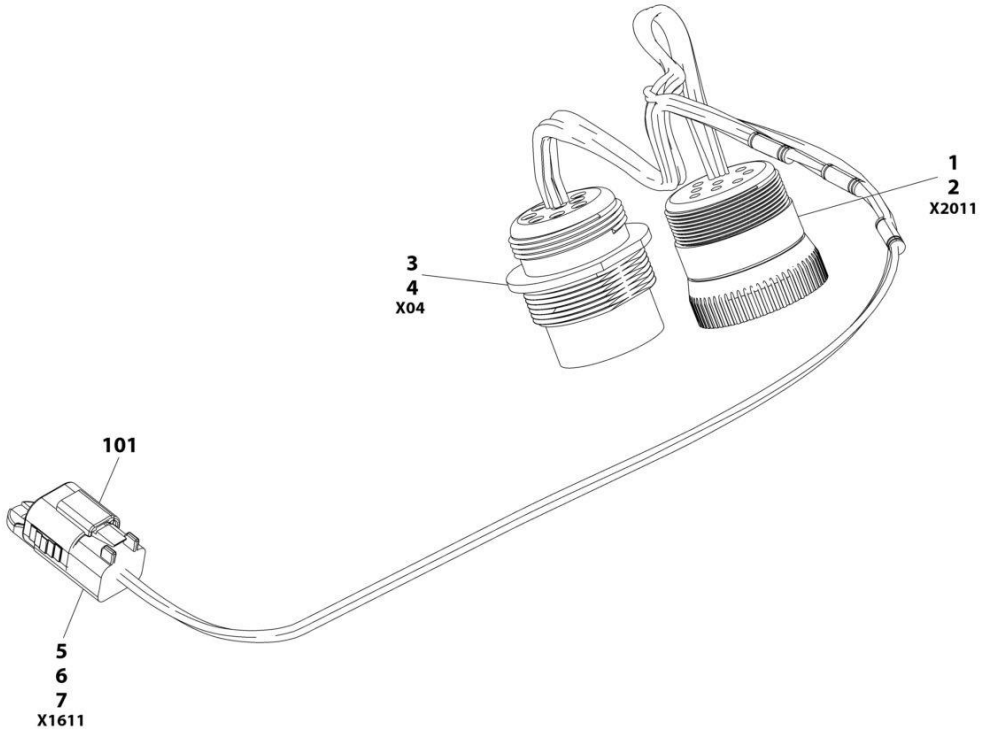
## FIGURE 10-117. TELEMATICS READY INSTALLATION



## FIGURE 10-117. TELEMATICS READY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202519 | Ref | TELEMATICS READY INSTALLATION | B |
| 1 | 8584003 | 1 | Strap, Tie | |
| 2 | 1001291182 | 1 | Harness, Telematics Ready (See Separate Breakdown in ELECTRICAL Section) | |
| 3 | 1001201162 | 1 | Cap | |
| 4 | 1001202617 | 1 | Bag | |

## FIGURE 10-118. TELEMATICS READY HARNESS



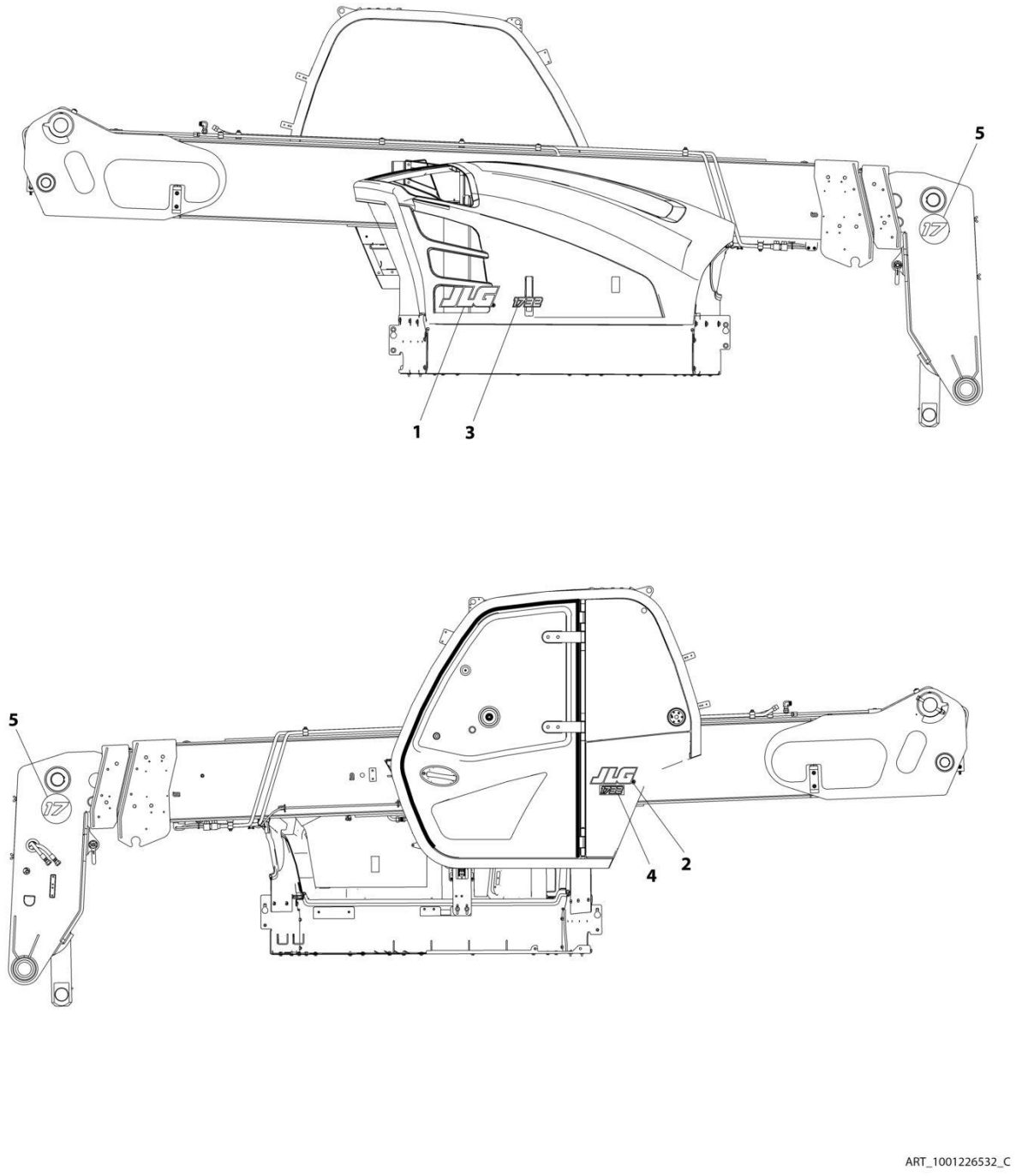
## FIGURE 10-118. TELEMATICS READY HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001291182 | Ref | TELEMATICS READY HARNESS | A |
| 1 | 1001112796 | 1 | Connector | |
| 2 | 4460465 | 9 | Terminal | |
| 3 | 1001112612 | 1 | Connector | |
| 4 | 4460464 | 9 | Terminal | |
| 5 | 4460884 | 1 | Connector | |
| 6 | 4460465 | 3 | Terminal | |
| 7 | 4460466 | 1 | Plug | |
| 101 | 1001192401 | 1 | Dust Cap | |

# SECTION 11 - DECALS

# SECTION 11 - DECALS

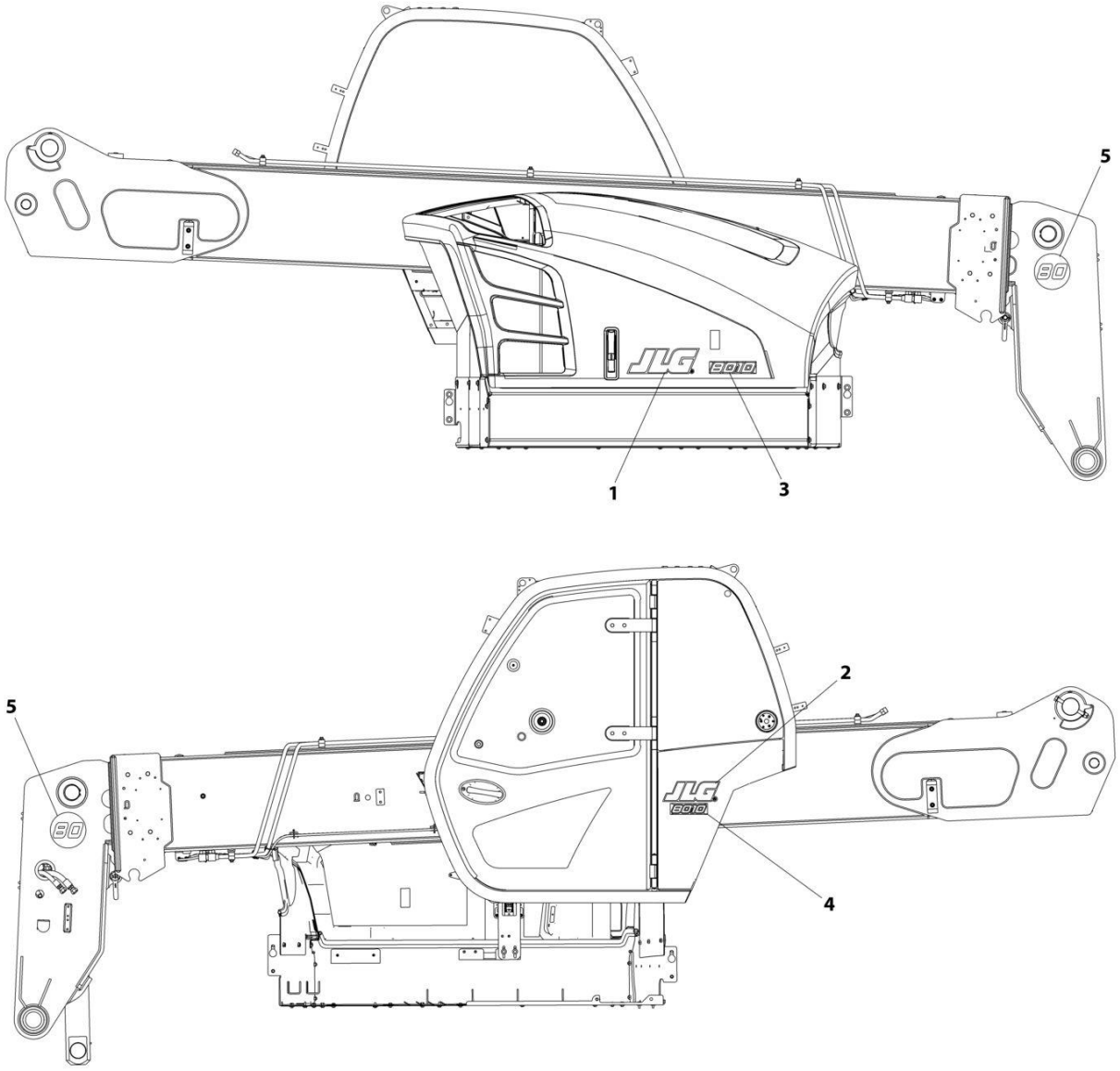
## FIGURE 11-1. DECAL INSTALLATION 1732



## FIGURE 11-1. DECAL INSTALLATION 1732

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001226532 | Ref | 1732 DECAL INSTALLATION | C |
| 1 | 1001160775 | 1 | Decal, JLG 5 Black | |
| 2 | 1001169674 | 1 | Decal, JLG M100 x 285 | |
| 3 | 1001276770 | 1 | Decal, JLG 1732 Hood | |
| 4 | 1001276771 | 1 | Decal, JLG 1732 Cab | |
| 5 | 1001279170 | 2 | Decal, Boom Head | |

## FIGURE 11-2. DECAL INSTALLATION 8010

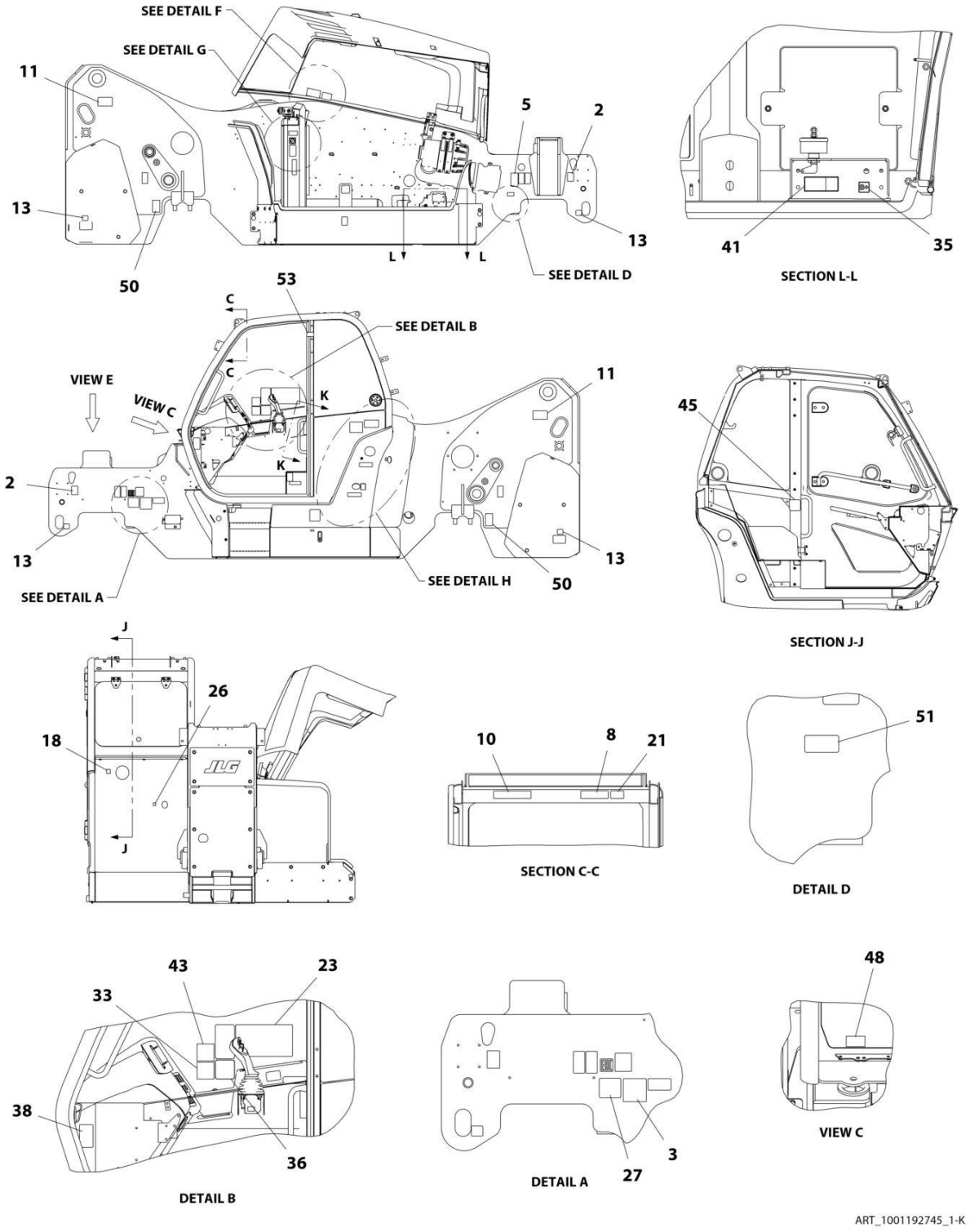


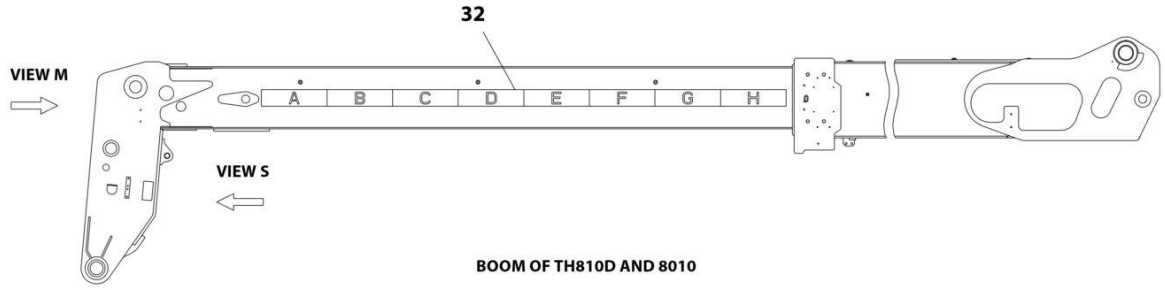
## FIGURE 11-2. DECAL INSTALLATION 8010

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192739 | Ref | DECAL INSTALLATION 8010 | D |
| 1 | 1001160775 | 1 | Decal, JLG 5 Black | |
| 2 | 1001169674 | 1 | Decal, JLG M100 x 285 | |
| 3 | 1001276776 | 1 | Decal, JLG 8010 Hood | |
| 4 | 1001276777 | 1 | Decal, JLG 8010 Cab | |
| 5 | 1001279174 | 2 | Decal, Boom Head | |

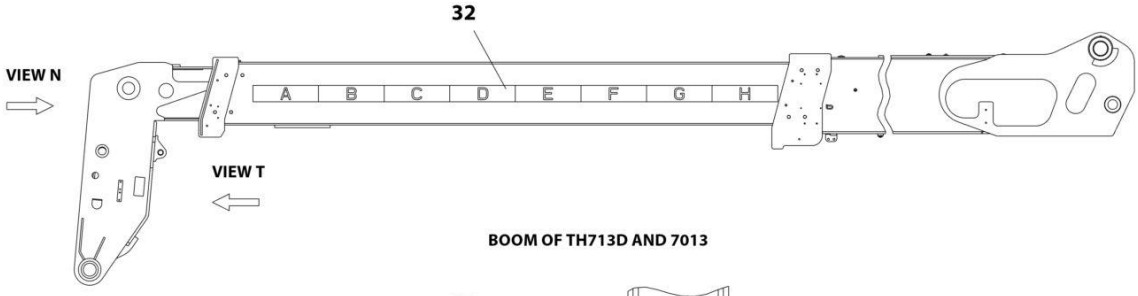
# SECTION 11 - DECALS

## FIGURE 11-3. DECAL INSTALLATION (ENGLISH)

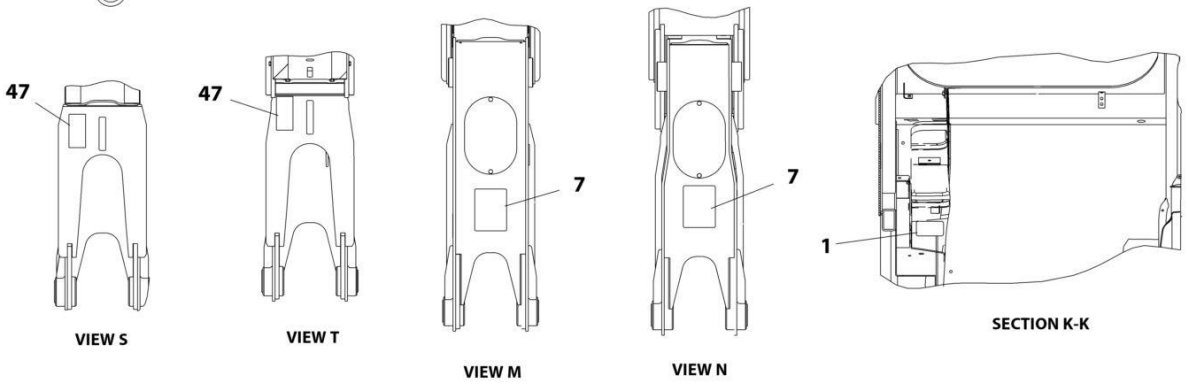


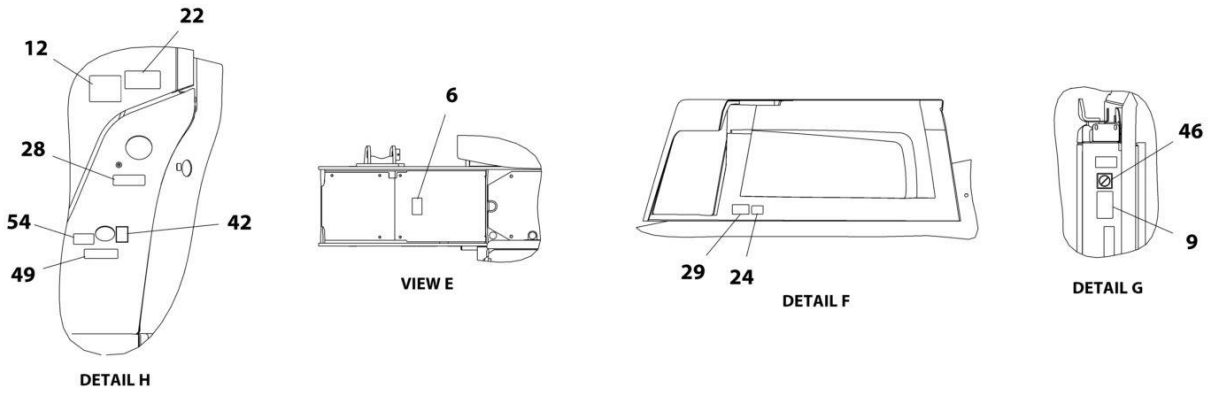



BOOM OF TH810D AND 8010




BOOM OF TH713D AND 7013




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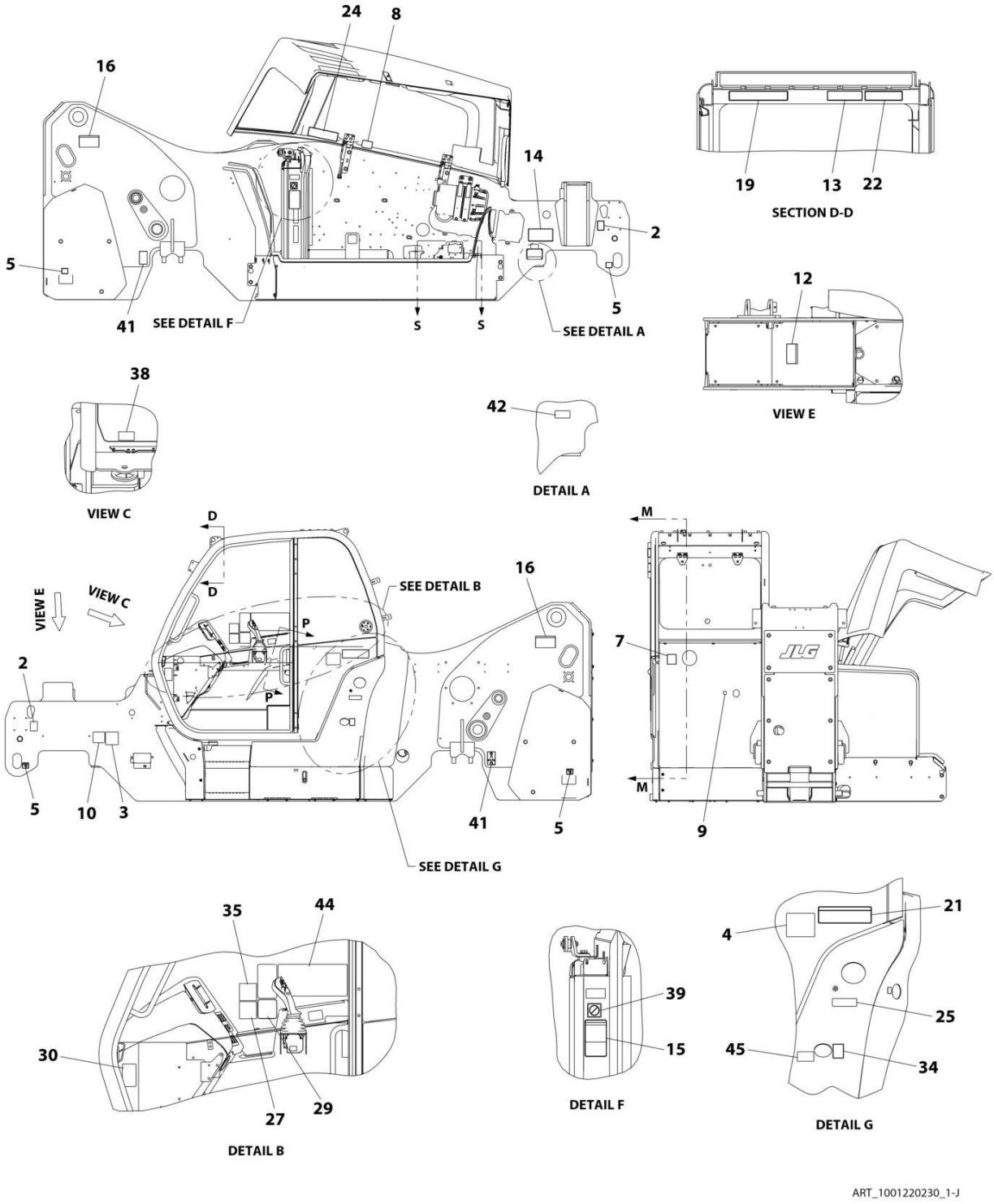
# SECTION 11 - DECALS

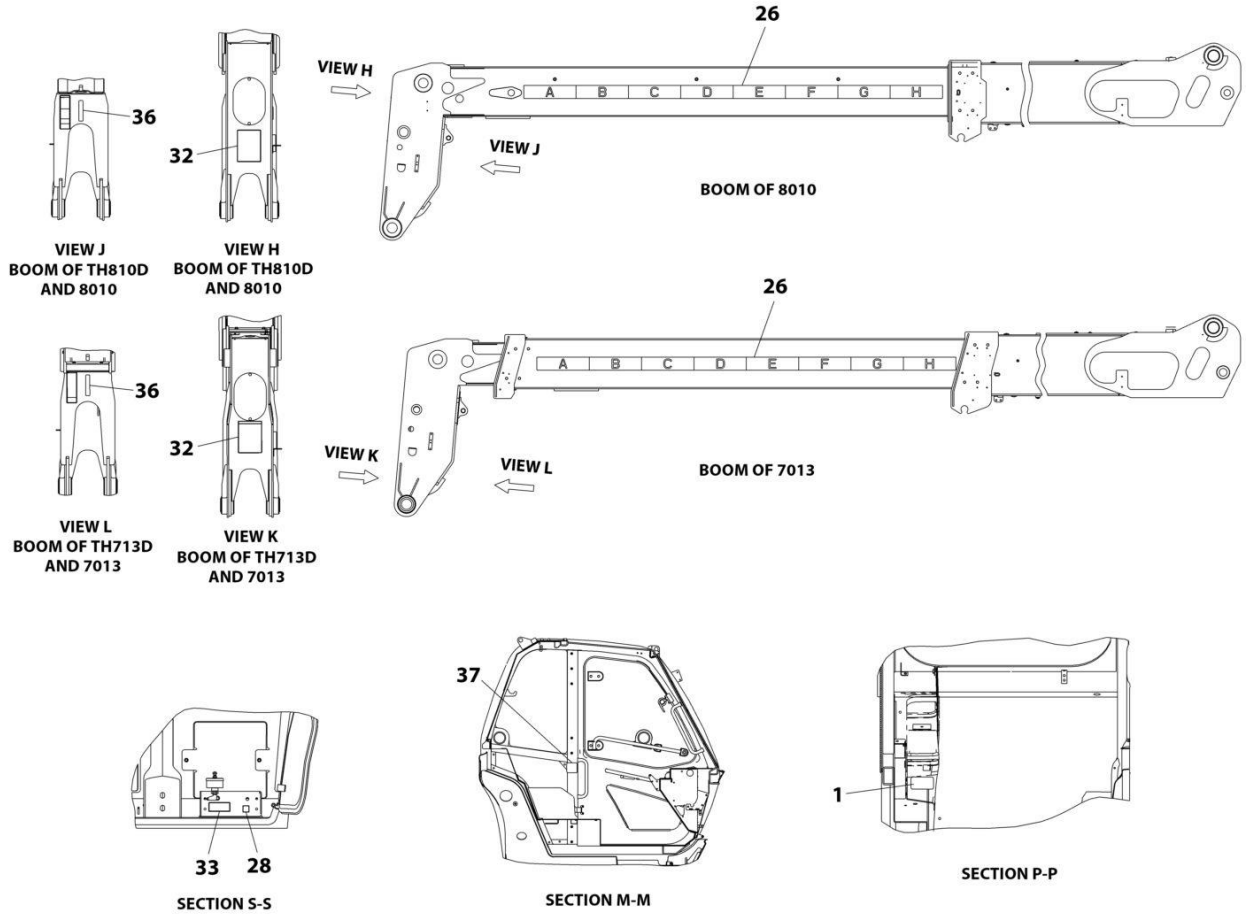
## FIGURE 11-3. DECAL INSTALLATION (ENGLISH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192745 | Ref | Decal Installation (English) | K |
| 1 | 1670836 | 1 | Cover, Boom | |
| 2 | 1701500 | 2 | Decal, Lift | |
| 3 | See Note | NSS | Decal, Bar Code (Note: Not Available for Purchase) | |
| 5 | 1706300 | 1 | Decal, Ether Warning | |
| 6 | 1706296 | 1 | Decal, Battery Warning | |
| 7 | 1001195849 | 1 | Decal, Carry Personnel | |
| 8 | 1706299 | 1 | Decal, Contacting Power Lines Warning | |
| 9 | 1706301 | 1 | Decal, Keep Clear Of Rotating Parts Warning | |
| 10 | 1706306 | 1 | Decal, Tip Over Warning | |
| 11 | 1706302 | 2 | Decal, Pinch Point Boom Holes | |
| 12 | 3251813 | 1 | Decal, USA | |
| 13 | 4109801 | 4 | Decal, Tie Down Point | |
| 18 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 21 | 1706850 | 1 | Decal, Crush Hazard Warning | |
| 22 | 1706768 | 1 | Decal, Vehicle Roll Away | |
| 23 | 1707078 | 1 | Decal, Warning/Danger | |
| 24 | 1001109053 | 1 | Decal, Coolant Fill | |
| 26 | 1001130323 | 1 | Decal, Oil Level | |
| 27 | 1001131271 | 1 | Decal, Patent | |
| 28 | 1001218704 | 1 | Decal, Ultra Low Sulfur Diesel | |
| 29 | 1001139578 | 1 | Decal, Hot Fluid Warning | |
| 32 | 1001171277 | 1 | Decal, Boom Extend | |
| 33 | 1001172035 | 1 | Decal, No Weld or Drill | |
| 35 | 1001184632 | 1 | Decal, Battery Positive | |
| 36 | 1001188372 | 1 | Decal, Sway | |
| 38 | 1001191229 | 1 | Decal, Fuse Panel | |
| 41 | 1001195855 | 1 | Decal, Battery Disconnect | |
| 42 | 1001196806 | 1 | Decal, Diesel Exhaust Fluid | |
| 43 | 1001227287 | 1 | Decal, Manual | |
| 45 | 1001214206 | 1 | Decal, Park Brake | |
| 46 | AU2105 | 1 | Decal, No Karcher | |
| 47 | 1001207217 | 1 | Decal, Danger Swinging Loads | |
| 48 | 1001218659 | 1 | Decal, Brake Fluid | |
| 49 | 1001219212 | 1 | Decal, DEF Fluid | |
| 50 | 1001222650 | 2 | Decal, Axle Lift | |
| 51 | 1001223453 | 1 | DECAL,ICES (CAN) | |
| 53 | 1001231801 | 1 | Decal, Warning Prop 65 | |
| 54 | 1001247646 | 1 | Decal, DEF Min. Refill Volume | |

# SECTION 11 - DECALS

## FIGURE 11-4. DECAL INSTALLATION (ENGLISH/FRENCH)






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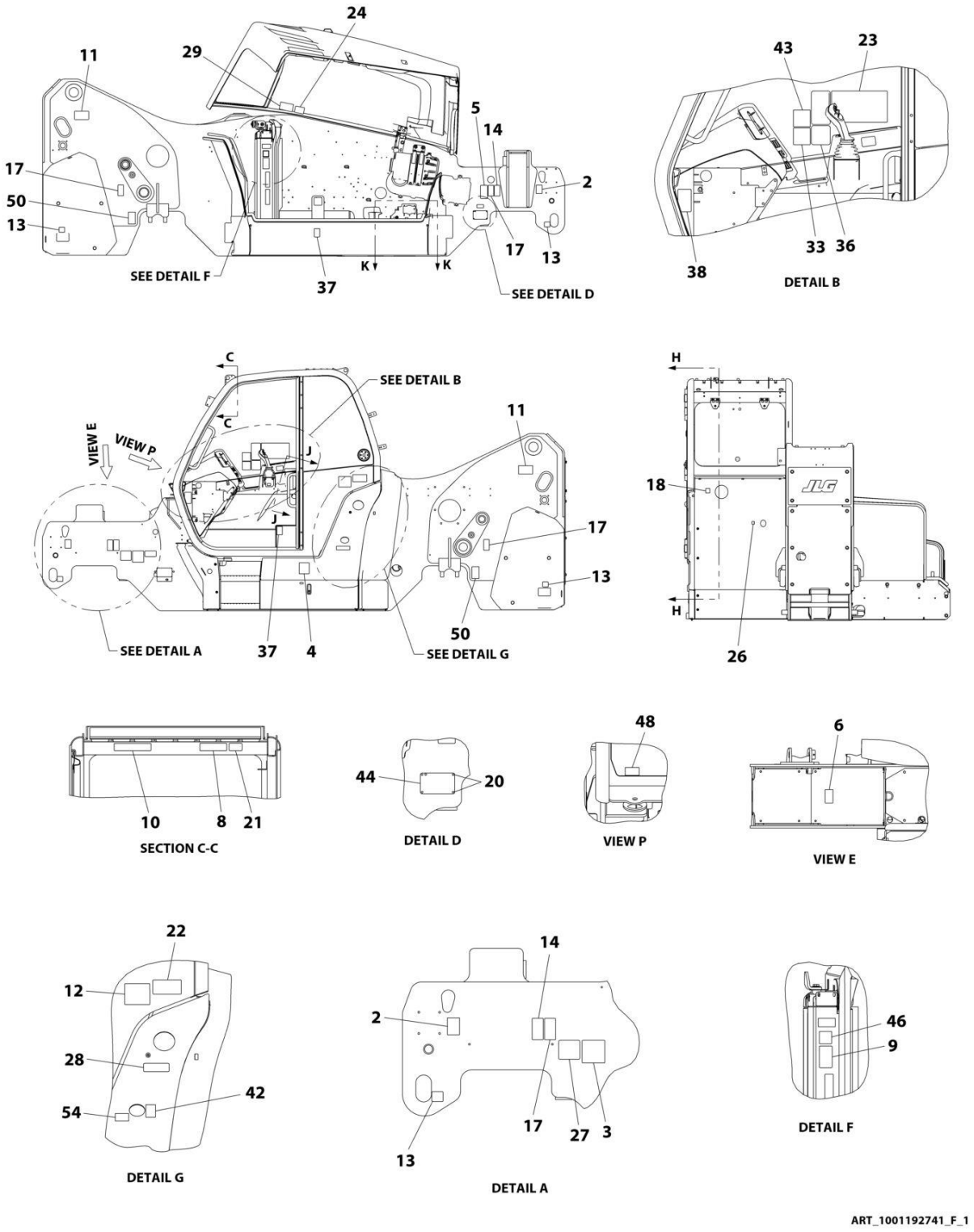
# SECTION 11 - DECALS

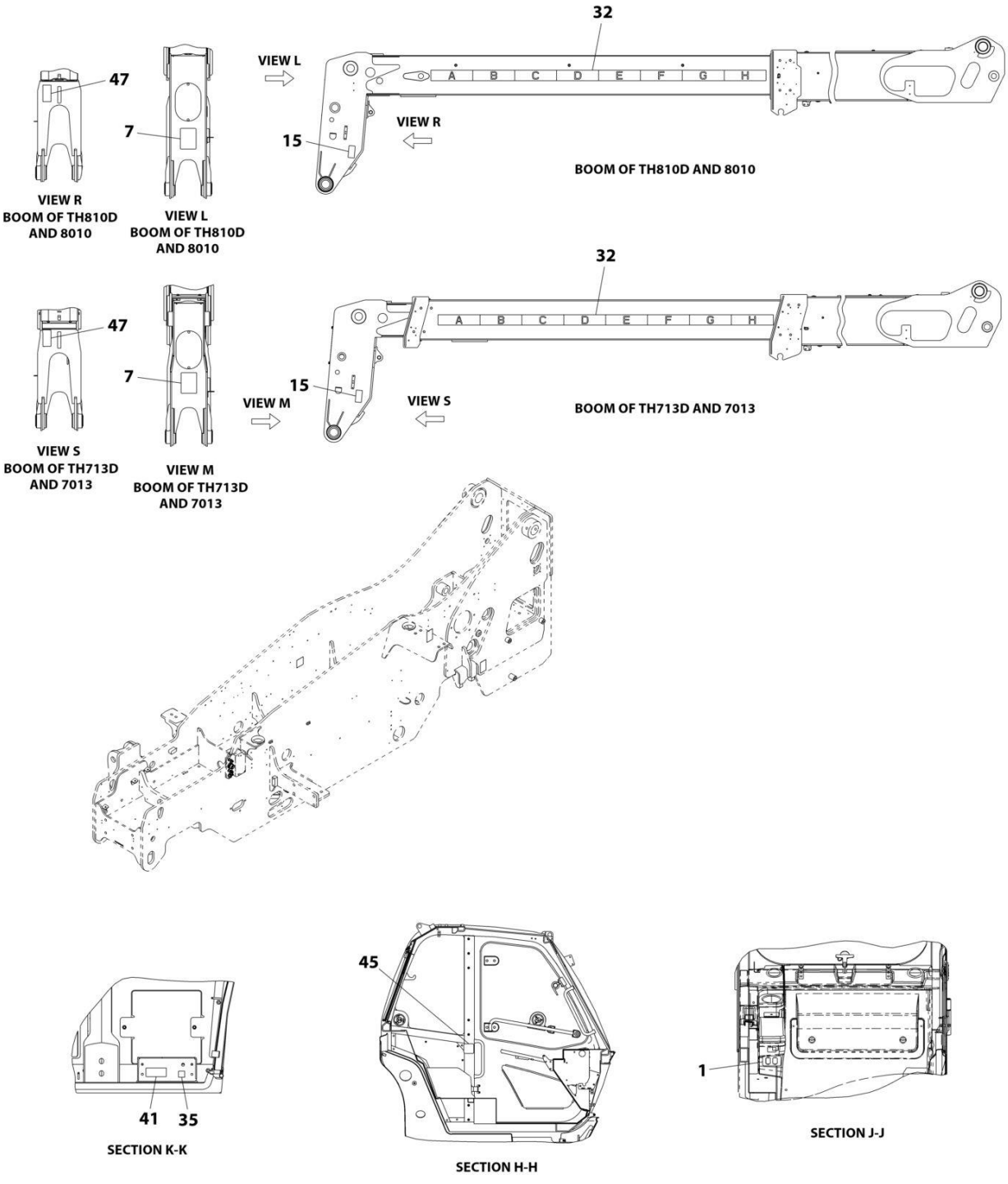
## FIGURE 11-4. DECAL INSTALLATION (ENGLISH/FRENCH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220230 | Ref | Decal Installation (English/French) | J |
| 1 | 1670836 | 1 | Cover, Boom | |
| 2 | 1701500 | 2 | Decal, Lift | |
| 3 | See Note | NSS | Decal, Bar Code (Note: Not Available for Purchase) | |
| 4 | 3251813 | 1 | Decal, USA | |
| 5 | 4109801 | 4 | Decal, Tie Down Point | |
| 7 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 8 | 1001109053 | 1 | Decal, Coolant Fill | |
| 9 | 1001130323 | 1 | Decal, Oil Level | |
| 10 | 1001131271 | 1 | Decal, Patent Telehandlers USA/Canada | |
| 12 | 1001163174 | 1 | Decal, Battery Warning | |
| 13 | 1001163210 | 1 | Decal, Electrocution Hazard | |
| 14 | 1001163212 | 1 | Decal, Warning No Either | |
| 15 | 1001163222 | 1 | Decal, Moving Parts | |
| 16 | 1001163223 | 2 | Decal, Pinch Point | |
| 19 | 1001163285 | 1 | Decal, Warning Tip Over | |
| 21 | 1001163300 | 1 | Decal, No Riders | |
| 22 | 1001163304 | 1 | Decal, Warning Crushing Hazard | |
| 24 | 1001163323 | 1 | Decal, Warning Hot Fluid | |
| 25 | 1001163355 | 1 | Decal, Ultra Low Sulfur Diesel | |
| 26 | 1001171277 | 1 | Decal, Boom Extend | |
| 27 | 1001172035 | 1 | Decal, No Weld or Drill | |
| 28 | 1001184632 | 1 | Decal, Battery Positive | |
| 29 | 1001188372 | 1 | Decal, Sway | |
| 30 | 1001191229 | 1 | Decal, Fuse Panel | |
| 32 | 1001195851 | 1 | Decal, Carry Personnel | |
| 33 | 1001195855 | 1 | Decal, Battery Disconnect | |
| 34 | 1001196806 | 1 | Decal, Diesel Exhaust Fluid | |
| 35 | 1001227287 | 1 | Decal, Manual | |
| 36 | 1001209625 | 1 | Decal, Danger Swinging Loads | |
| 37 | 1001214206 | 1 | Decal, Park Brake | |
| 38 | 1001219211 | 1 | Decal, Brake Fluid | |
| 39 | AU2105 | 1 | Decal, No Karcher | |
| 41 | 1001222650 | 2 | Decal, Axle Lift | |
| 42 | 1001223453 | 1 | Decal, ICES | |
| 44 | 1001233558 | 1 | Decal, Warning/Danger - Cab | |
| 45 | 1001247646 | 1 | Decal, DEF Min. Refill Volume | |

# SECTION 11 - DECALS

## FIGURE 11-5. DECAL INSTALLATION (ISO) (ULS)




32
VIEW L
A B C D E F G H
VIEW R
15
47
7
BOOM OF TH810D AND 8010
VIEW R
BOOM OF TH810D AND 8010
VIEW L
BOOM OF TH810D AND 8010
32
47
7
15
VIEW M
VIEW S
BOOM OF TH713D AND 7013
VIEW S
BOOM OF TH713D AND 7013
VIEW M
BOOM OF TH713D AND 7013
41
35
SECTION K-K
45
SECTION H-H
1
SECTION J-J
ART_1001192741_F_2

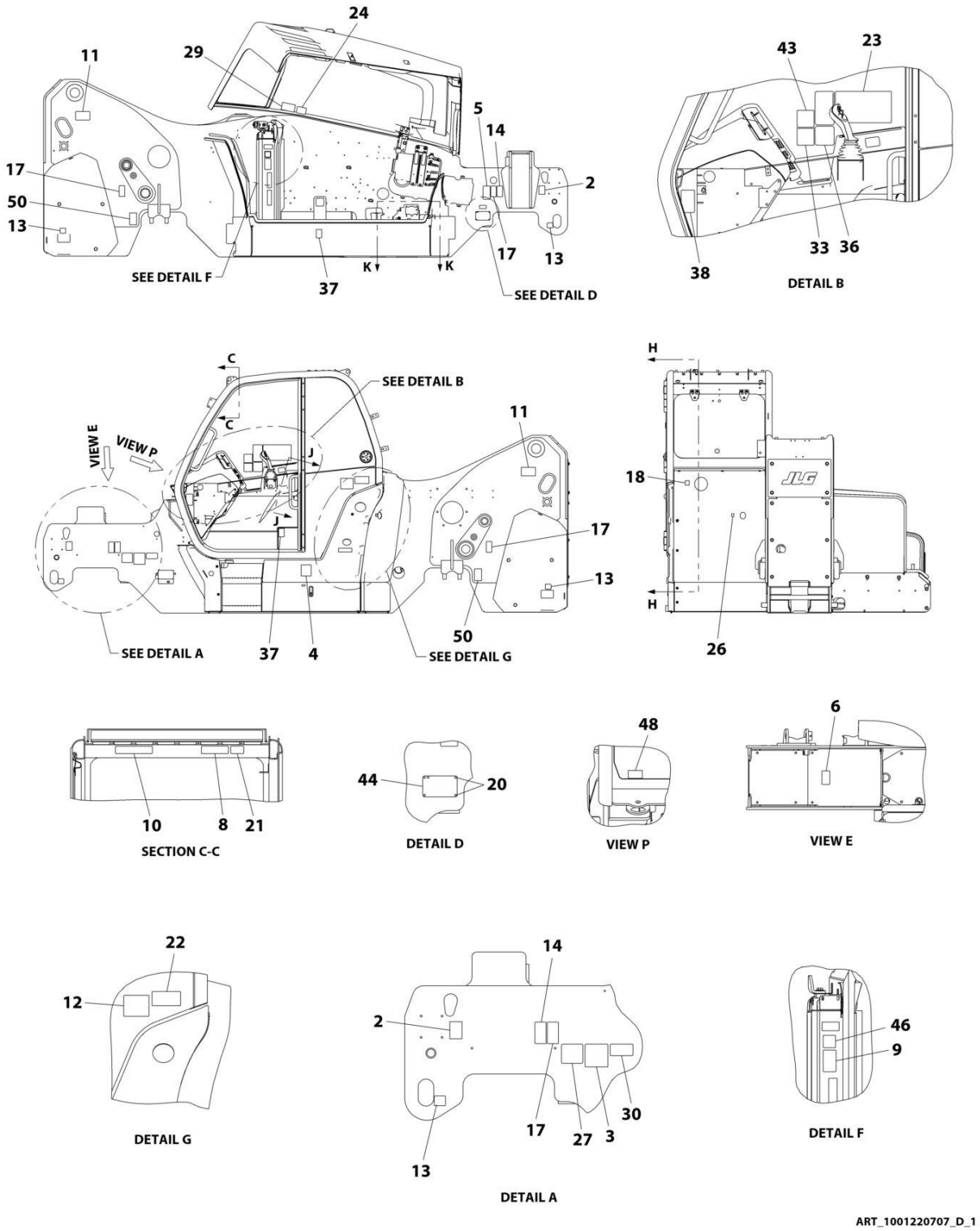
# SECTION 11 - DECALS

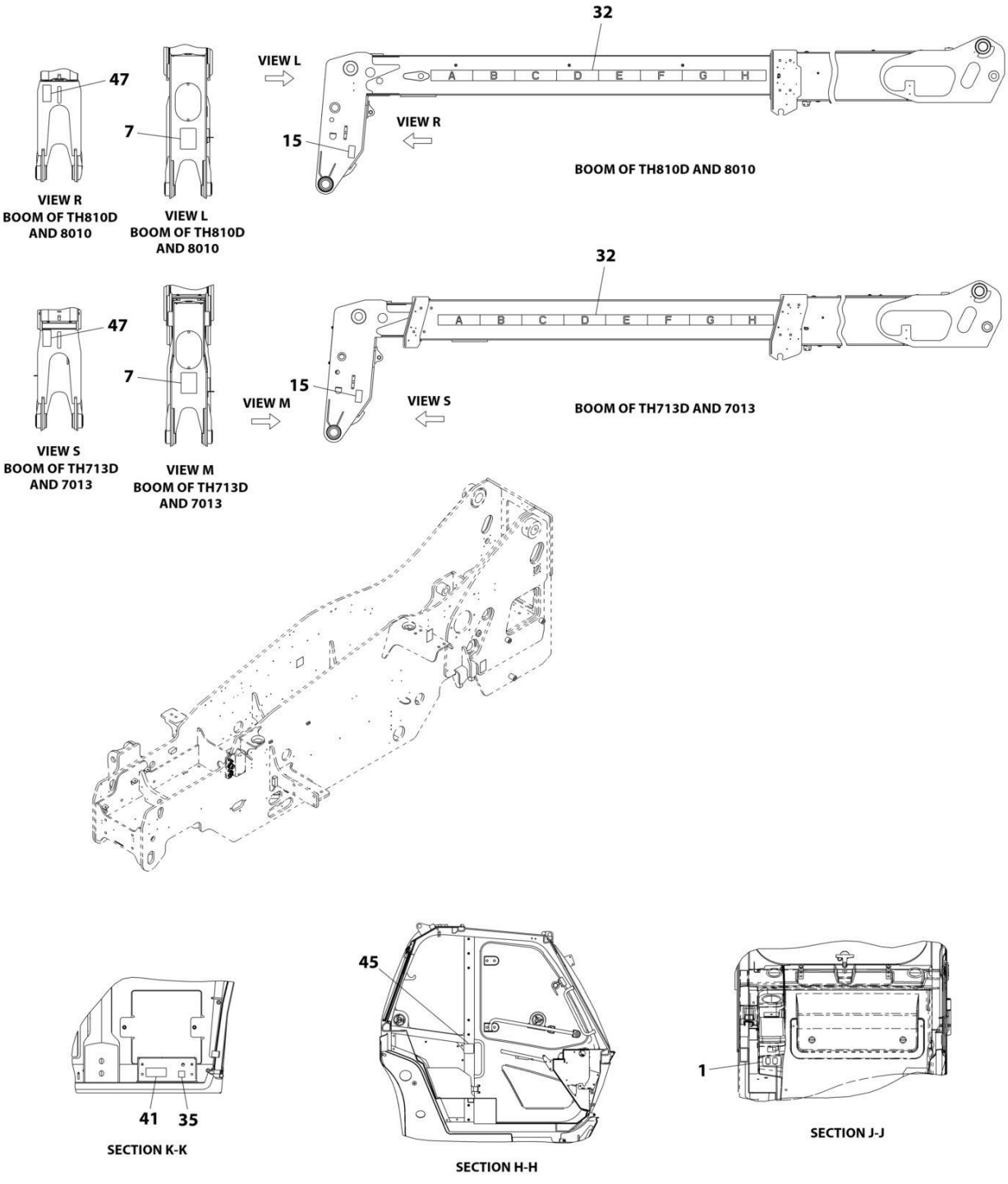
## FIGURE 11-5. DECAL INSTALLATION (ISO) (ULS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192741 | Ref | Decal Installation (ULS) | F |
| 1 | 1670836 | 1 | Cover, Boom | |
| 2 | 1701500 | 2 | Decal-Lift | |
| 3 | See Note | NSS | Decal, Bar Code (Note: Not Available for Purchase) | |
| 4 | 1705980 | 1 | Decal, Acoustic Power 106db | |
| 5 | 1706098 | 1 | Decal, Warning Ether Start | |
| 6 | 1706281 | 1 | Decal, Battery Warning (ISO) | |
| 7 | 1706282 | 1 | Decal, Carry Personnel (ISO) | |
| 8 | 1706284 | 1 | Decal, Electrocution Hazard (ISO) | |
| 9 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 10 | 1706288 | 1 | Decal, Tip Over Warning | |
| 11 | 1706292 | 2 | Decal, Pinch Point Boom Holes | |
| 12 | 3251813 | 1 | Decal, USA | |
| 13 | 4109801 | 4 | Decal, Tie Down Point | |
| 14 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 15 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 17 | 8008657 | 4 | Decal, Set Brake Lever Warning | |
| 18 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 20 | 1001009178 | 4 | Tack, Metal | |
| 21 | 1001092877 | 1 | Decal, Crush Hazard Warning | |
| 22 | 1001092878 | 1 | Decal, No Riders | |
| 23 | 1001101895 | 1 | Decal, Cab Warning | |
| 24 | 1001109053 | 1 | Decal, Coolant Fill | |
| 26 | 1001130323 | 1 | Decal, Oil Level | |
| 27 | 1001131271 | 1 | Decal, Patent Telehandlers USA/Canada | |
| 28 | 1001218704 | 1 | Decal, Ultra Low Sulfur Diesel | |
| 29 | 1001139942 | 1 | Decal, Hot Fluid Warning | |
| 32 | 1001171277 | 1 | Decal, Boom Extend | |
| 33 | 1001172035 | 1 | Decal, No Weld or Drill | |
| 35 | 1001184632 | 1 | Decal, Battery Positive | |
| 36 | 1001188372 | 1 | Decal, Sway | |
| 37 | 1001189154 | 2 | Decal, Read Operators Manual | |
| 38 | 1001191229 | 1 | Decal, Fuse Panel | |
| 41 | 1001195855 | 1 | Decal, Battery Disconnect | |
| 42 | 1001196806 | 1 | Decal, Diesel Exhaust Fluid | |
| 43 | 1001227287 | 1 | Decal, Manual | |
| 44 | See Note | NSS | SN Plate (Note: Stamped Part - Not Available for Purchase0 | |
| 45 | 1001214206 | 1 | Decal, Park Brake | |
| 46 | AU2105 | 1 | Decal, No Karcher | |
| 47 | 1001207218 | 1 | Decal, Danger Swinging Load | |
| 48 | 1001219211 | 1 | Decal, Brake Fluid | |
| 50 | 1001222650 | 2 | Decal, Axle Lift | |
| 54 | 1001247646 | 1 | Decal, DEF Minimum Refill Volume | |

# SECTION 11 - DECALS

## FIGURE 11-6. DECAL INSTALLATION (ISO) (LS)




32
VIEW L
A B C D E F G H
VIEW R
15
47
7
BOOM OF TH810D AND 8010
VIEW R
BOOM OF TH810D AND 8010
VIEW L
BOOM OF TH810D AND 8010
32
47
7
15
VIEW M
VIEW S
BOOM OF TH713D AND 7013
VIEW S
BOOM OF TH713D AND 7013
VIEW M
BOOM OF TH713D AND 7013
41
35
SECTION K-K
45
SECTION H-H
1
SECTION J-J
ART_1001220707_D_2

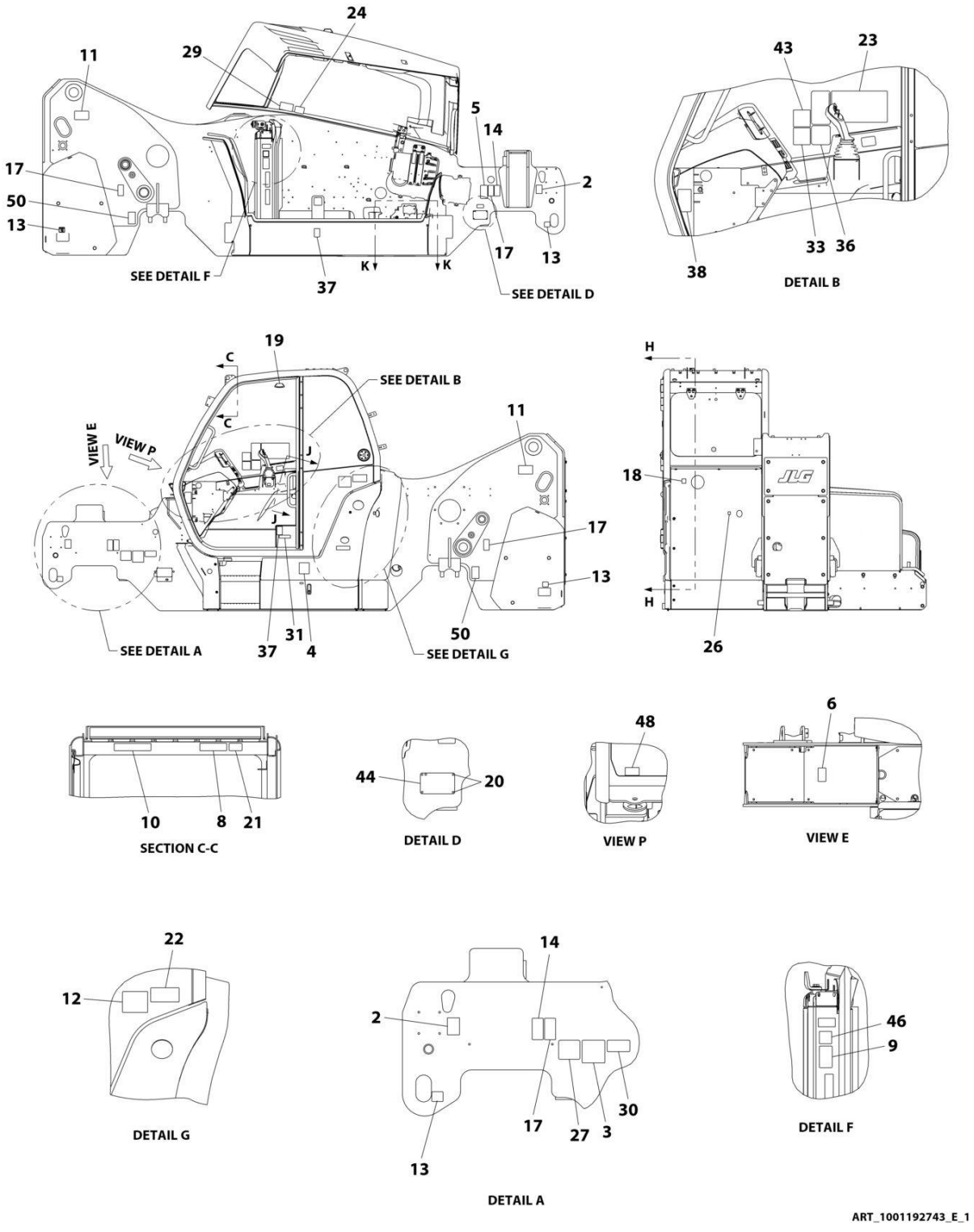
# SECTION 11 - DECALS

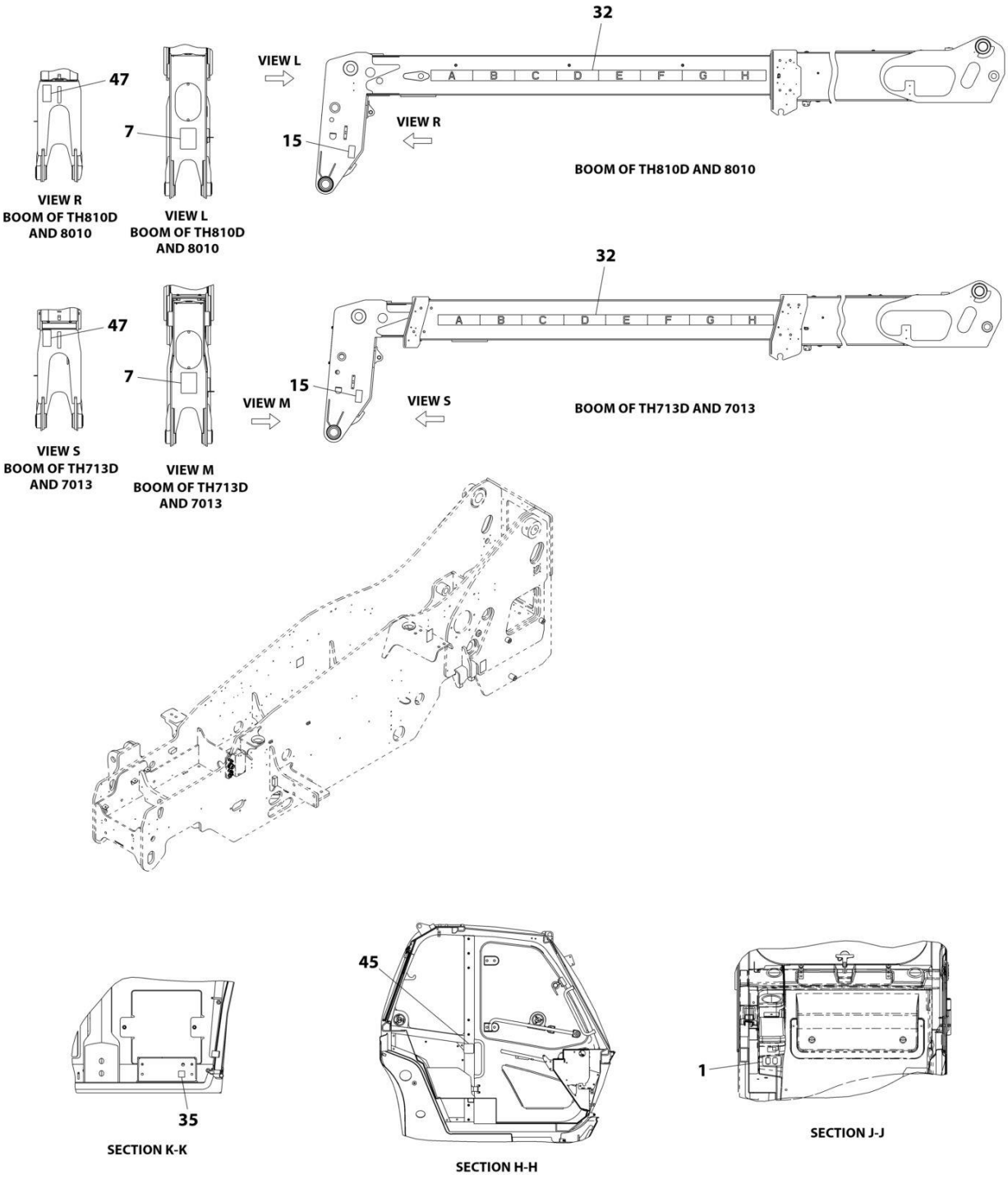
## FIGURE 11-6. DECAL INSTALLATION (ISO) (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001220707 | Ref | Decal Installation (LS) | D |
| 1 | 1670836 | 1 | Cover, Boom | |
| 2 | 1701500 | 2 | Decal, Lift | |
| 3 | See Note | NSS | Decal, Bar Code (Note: Not Available for Purchase) | |
| 4 | 1705980 | 1 | Decal, Acoustic Power 106db | |
| 5 | 1706098 | 1 | Decal, Warning Ether Start | |
| 6 | 1706281 | 1 | Decal, Battery Warning (ISO) | |
| 7 | 1706282 | 1 | Decal, Carry Personnel (ISO) | |
| 8 | 1706284 | 1 | Decal, Electrocution Hazard (ISO) | |
| 9 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 10 | 1706288 | 1 | Decal, Tip Over Warning | |
| 11 | 1706292 | 2 | Decal, Pinch Point Boom Holes | |
| 12 | 3251813 | 1 | Decal, USA | |
| 13 | 4109801 | 4 | Decal, Tie Down Point | |
| 14 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 15 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 17 | 8008657 | 4 | Decal, Set Brake Lever Warning | |
| 18 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 20 | 1001009178 | 4 | Tack, Metal | |
| 21 | 1001092877 | 1 | Decal, Crush Hazard Warning | |
| 22 | 1001092878 | 1 | Decal, No Riders | |
| 23 | 1001101895 | 1 | Decal, Cab Warning | |
| 24 | 1001109053 | 1 | Decal, Coolant Fill | |
| 26 | 1001130323 | 1 | Decal, Oil Level | |
| 27 | 1001131271 | 1 | Decal, Patent Telehandlers USA/Canada | |
| 29 | 1001139942 | 1 | Decal, Hot Fluid Warning | |
| 30 | 1001143852 | 1 | Decal, LRC EPA | |
| 32 | 1001171277 | 1 | Decal, Boom Extend | |
| 33 | 1001172035 | 1 | Decal, No Weld or Drill | |
| 35 | 1001184632 | 1 | Decal, Battery Positive | |
| 36 | 1001188372 | 1 | Decal, Sway | |
| 37 | 1001189154 | 2 | Decal, Read Operators Manual | |
| 38 | 1001191229 | 1 | Decal, Fuse Panel | |
| 41 | 1001195855 | 1 | Decal, Battery Disconnect | |
| 43 | 1001227287 | 1 | Decal, Manual | |
| 44 | See Note | NSS | SN Plate (Note: Stamped Part - Not Available for Purchase0 | |
| 45 | 1001214206 | 1 | Decal, Park Brake | |
| 46 | AU2105 | 1 | Decal, No Karcher | |
| 47 | 1001207218 | 1 | Decal, Danger Swinging Load | |
| 48 | 1001219211 | 1 | Decal, Brake Fluid | |
| 50 | 1001222650 | 2 | Decal, Axle Lift | |

# SECTION 11 - DECALS

## FIGURE 11-7. DECAL INSTALLATION (AUSTRALIAN)




32
VIEW L
A B C D E F G H
VIEW R
15
47
7
BOOM OF TH810D AND 8010
VIEW R
BOOM OF TH810D
AND 8010
VIEW L
BOOM OF TH810D
AND 8010
32
47
7
15
VIEW M
VIEW S
BOOM OF TH713D AND 7013
VIEW S
BOOM OF TH713D
AND 7013
VIEW M
BOOM OF TH713D
AND 7013
35
SECTION K-K
45
SECTION H-H
1
SECTION J-J
ART_1001192743_E_2

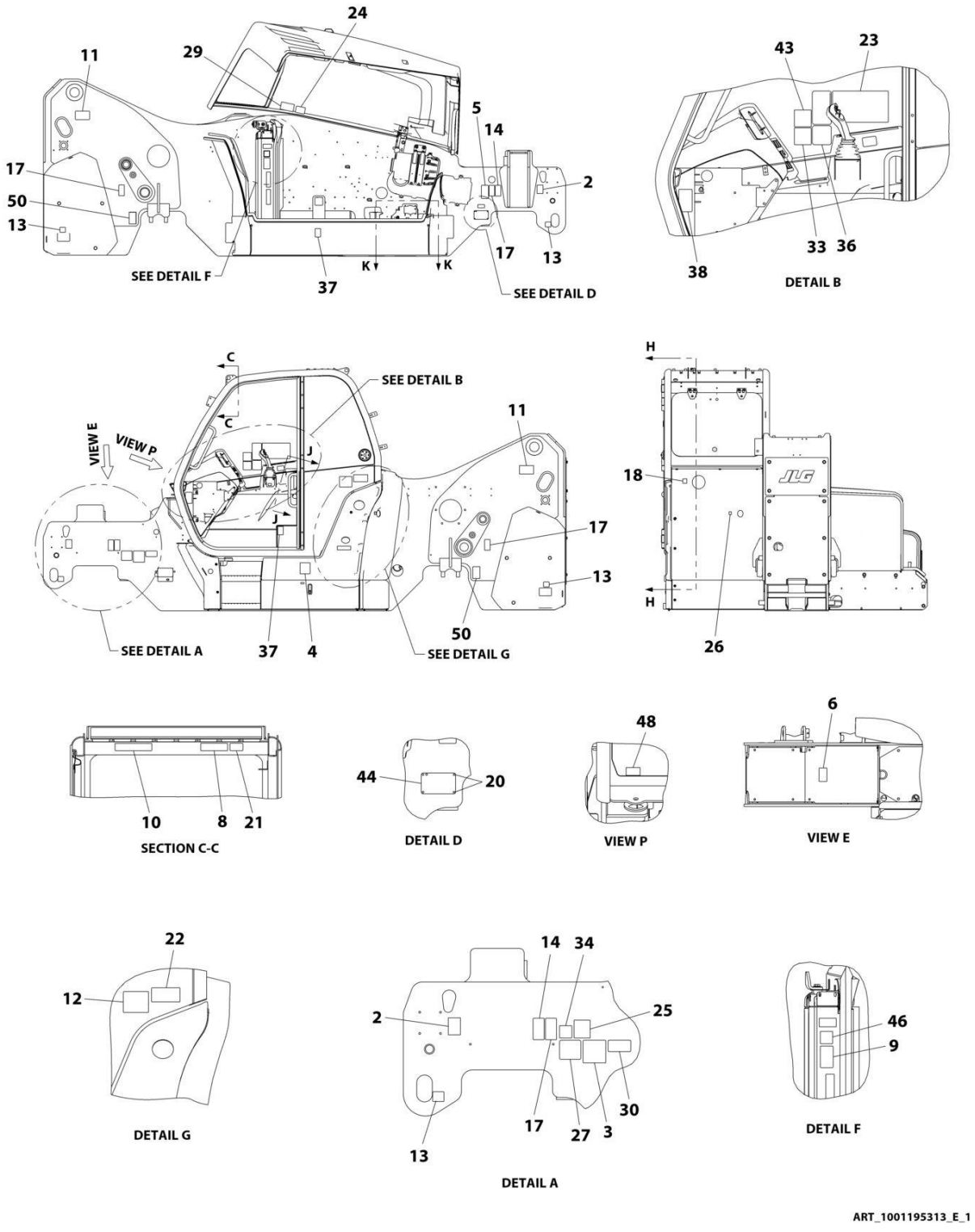
# SECTION 11 - DECALS

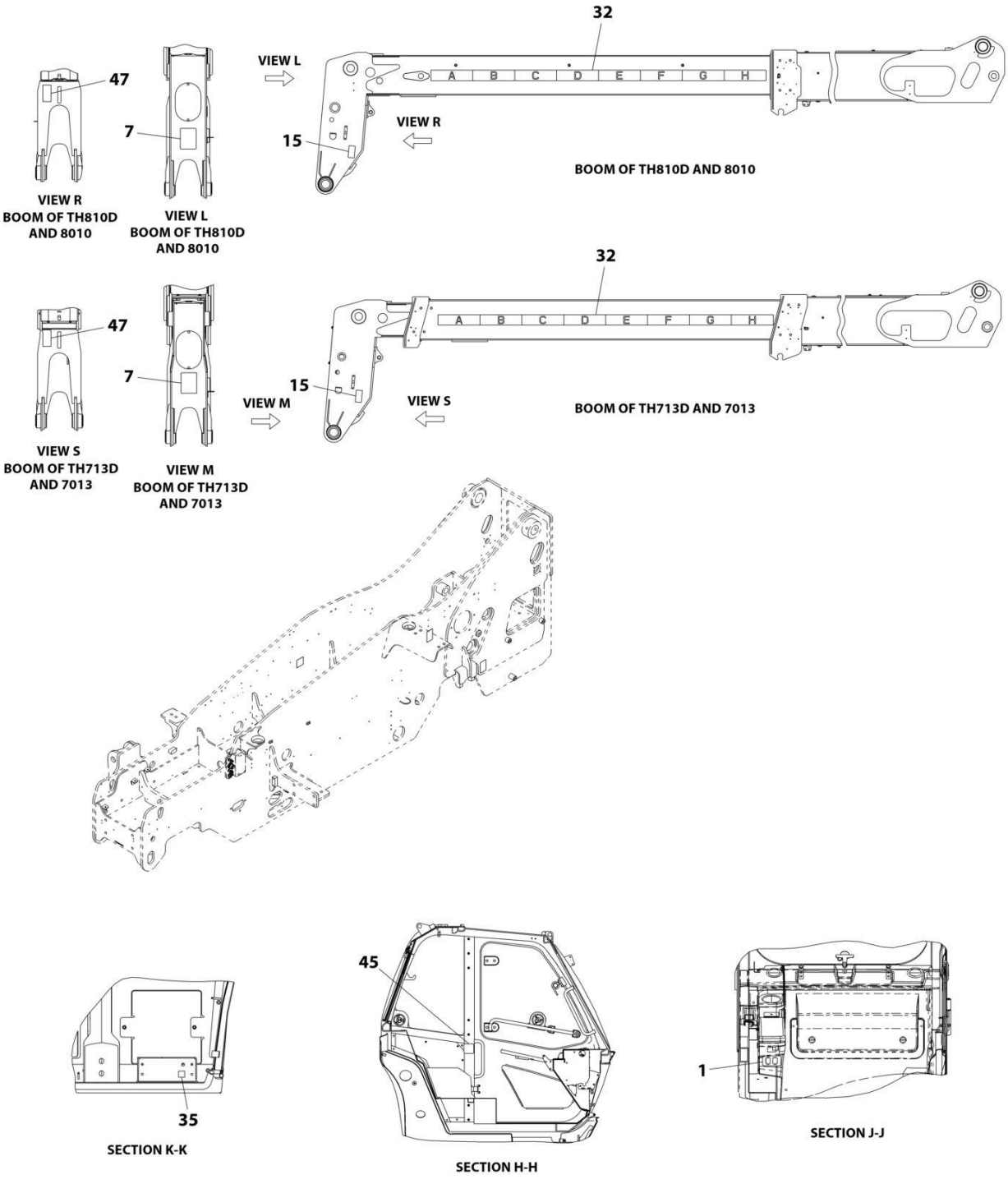
## FIGURE 11-7. DECAL INSTALLATION (AUSTRALIAN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192743 | Ref | Decal Installation (AUS) | E |
| 1 | 1670836 | 1 | Cover, Boom | |
| 2 | 1701500 | 2 | Decal, Lift | |
| 3 | See Note | NSS | Decal, Bar Code (Note: Not Available for Purchase) | |
| 4 | 1705980 | 1 | Decal, Acoustic Power 106db | |
| 5 | 1706098 | 1 | Decal, Warning Ether Start | |
| 6 | 1706281 | 1 | Decal, Battery Warning (ISO) | |
| 7 | 1706282 | 1 | Decal, Carry Personnel (ISO) | |
| 8 | 1706284 | 1 | Decal, Electrocution Hazard (ISO) | |
| 9 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 10 | 1706288 | 1 | Decal, Tip Over Warning | |
| 11 | 1706292 | 2 | Decal, Pinch Point Boom Holes | |
| 12 | 3251813 | 1 | Decal, USA | |
| 13 | 4109801 | 4 | Decal, Tie Down Point | |
| 14 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 15 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 17 | 8008657 | 3 | Decal, Set Brake Lever Warning | |
| 18 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 19 | 8466306 | 1 | Gauge, Tilt Angle | |
| 20 | 1001009178 | 4 | Tack, Metal | |
| 21 | 1001092877 | 1 | Decal, Crush Hazard Warning | |
| 22 | 1001092878 | 1 | Decal, No Riders | |
| 23 | 1001101895 | 1 | Decal, Cab Warning | |
| 24 | 1001109053 | 1 | Decal, Coolant Fill | |
| 26 | 1001130323 | 1 | Decal, Oil Level | |
| 27 | 1001131271 | 1 | Decal, Patent | |
| 29 | 1001139942 | 1 | Decal, Hot Fluid Warning | |
| 30 | 1001143852 | 1 | Decal, LRC EPA | |
| 31 | 1001155230 | 1 | Decal, Cab AUS Safety | |
| 32 | 1001171277 | 1 | Decal, Boom Extend | |
| 33 | 1001172035 | 1 | Decal, No Weld or Drill | |
| 35 | 1001184632 | 1 | Decal, Battery Positive | |
| 36 | 1001188372 | 1 | Decal, Sway | |
| 37 | 1001189154 | 2 | Decal, Read Operators Manual | |
| 38 | 1001191229 | 1 | Decal, Fuse Panel | |
| 43 | 1001227287 | 1 | Decal, Manual | |
| 44 | See Note | NSS | SN Plate (Note: Stamped Part - Not Available for Purchase0 | |
| 45 | 1001214206 | 1 | Decal, Park Brake | |
| 46 | AU2105 | 1 | Decal, No Karcher | |
| 47 | 1001207218 | 1 | Decal, Danger Swinging Load | |
| 48 | 1001219211 | 1 | Decal, Brake Fluid | |
| 50 | 1001222650 | 2 | Decal, Axle Lift | |

# SECTION 11 - DECALS

## FIGURE 11-8. DECAL INSTALLATION (RUSSIAN CIS)



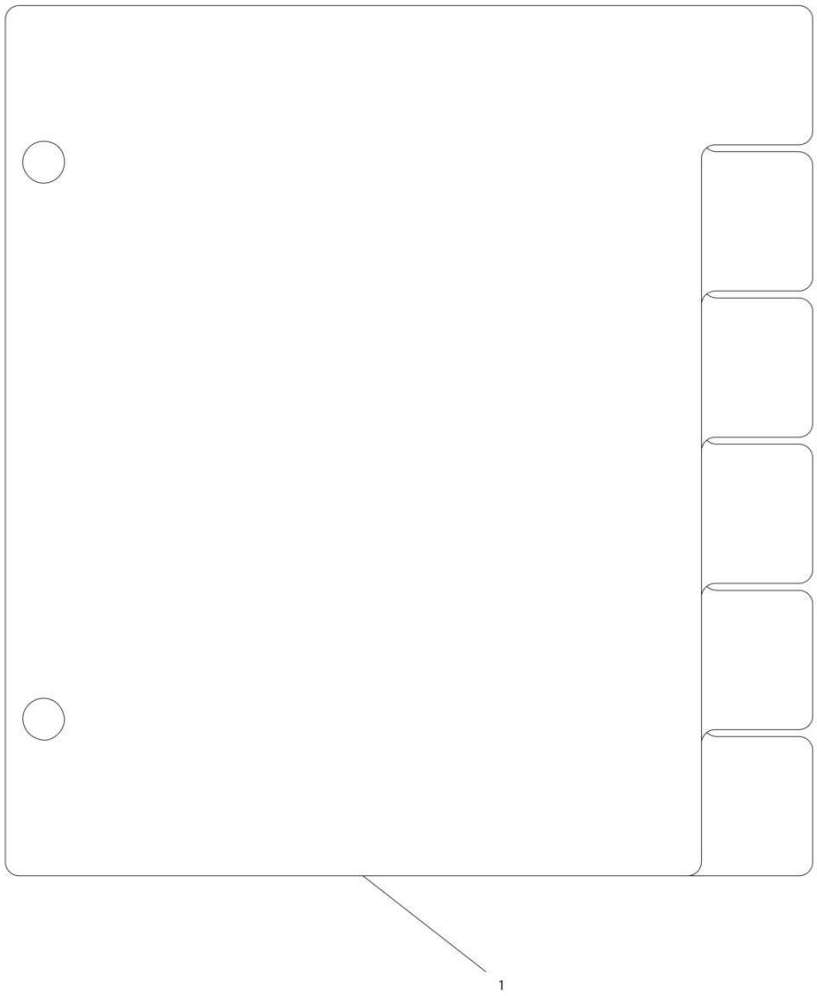

32
VIEW L
A B C D E F G H
VIEW R
15
47
7
BOOM OF TH810D AND 8010
VIEW R
BOOM OF TH810D AND 8010
VIEW L
BOOM OF TH810D AND 8010
32
A B C D E F G H
15
VIEW M
VIEW S
BOOM OF TH713D AND 7013
47
7
VIEW S
BOOM OF TH713D AND 7013
VIEW M
BOOM OF TH713D AND 7013
45
35
SECTION K-K
SECTION H-H
1
SECTION J-J
ART_1001195313_E_2

# SECTION 11 - DECALS

## FIGURE 11-8. DECAL INSTALLATION (RUSSIAN CIS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001195313 | Ref | Decal Installation (CIS) | E |
| 1 | 1670836 | 1 | Cover, Boom | |
| 2 | 1701500 | 2 | Decal, Lift | |
| 3 | See Note | NSS | Decal, Bar Code (Note: Not Available for Purchase) | |
| 4 | 1705980 | 1 | Decal, Acoustic Power 106db | |
| 5 | 1706098 | 1 | Decal, Warning Ether Start | |
| 6 | 1706281 | 1 | Decal, Battery Warning (ISO) | |
| 7 | 1706282 | 1 | Decal, Carry Personnel (ISO) | |
| 8 | 1706284 | 1 | Decal, Electrocution Hazard (ISO) | |
| 9 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 10 | 1706288 | 1 | Decal, Tip Over Warning | |
| 11 | 1706292 | 2 | Decal, Pinch Point Boom Holes | |
| 12 | 3251813 | 1 | Decal, USA | |
| 13 | 4109801 | 4 | Decal, Tie Down Point | |
| 14 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 15 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 17 | 8008657 | 4 | Decal, Set Brake Lever Warning | |
| 18 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 20 | 1001009178 | 4 | Tack, Metal | |
| 21 | 1001092877 | 1 | Decal, Crush Hazard Warning | |
| 22 | 1001092878 | 1 | Decal, No Riders | |
| 23 | 1001101895 | 1 | Decal, Cab Warning | |
| 24 | 1001109053 | 1 | Decal, Coolant Fill | |
| 25 | 1001121555 | 1 | Decal, PCT Russia | |
| 26 | 1001130323 | 1 | Decal, Oil Level | |
| 27 | 1001131271 | 1 | Decal, Patent | |
| 29 | 1001139942 | 1 | Decal, Hot Fluid Warning | |
| 30 | 1001143852 | 1 | Decal, LRC EPA | |
| 32 | 1001171277 | 1 | Decal, Boom Extend | |
| 33 | 1001172035 | 1 | Decal, No Weld or Drill | |
| 34 | 1001173703 | 1 | Decal, EAC | |
| 35 | 1001184632 | 1 | Decal, Battery Positive | |
| 36 | 1001188372 | 1 | Decal, Sway | |
| 37 | 1001189154 | 2 | Decal, Read Operators Manual | |
| 38 | 1001191229 | 1 | Decal, Fuse Panel | |
| 43 | 1001227287 | 1 | Decal, Manual | |
| 44 | See Note | NSS | SN Plate (Note: Stamped Part - Not Available for Purchase0 | |
| 45 | 1001214206 | 1 | Decal, Park Brake | |
| 46 | AU2105 | 1 | Decal, No Karcher | |
| 47 | 1001207218 | 1 | Decal, Danger Swinging Load | |
| 48 | 1001219211 | 1 | Decal, Brake Fluid | |
| 50 | 1001222650 | 2 | Decal, Axle Lift | |

## FIGURE 11-9. CAPACITY CHART (1732)

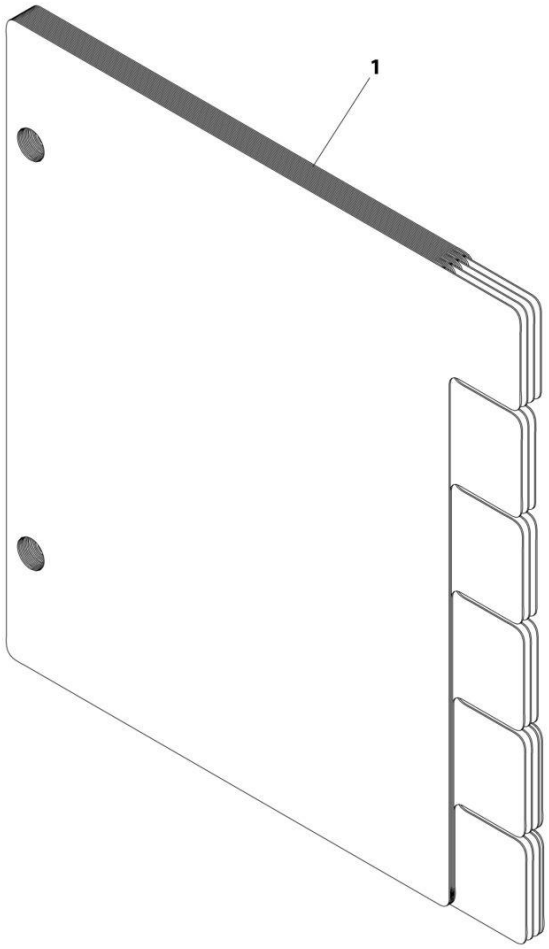



ART_1001233431-B

## FIGURE 11-9. CAPACITY CHART (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001233431 | 1 | Capacity Chart | |

## FIGURE 11-10. CAPACITY CHART (8010)



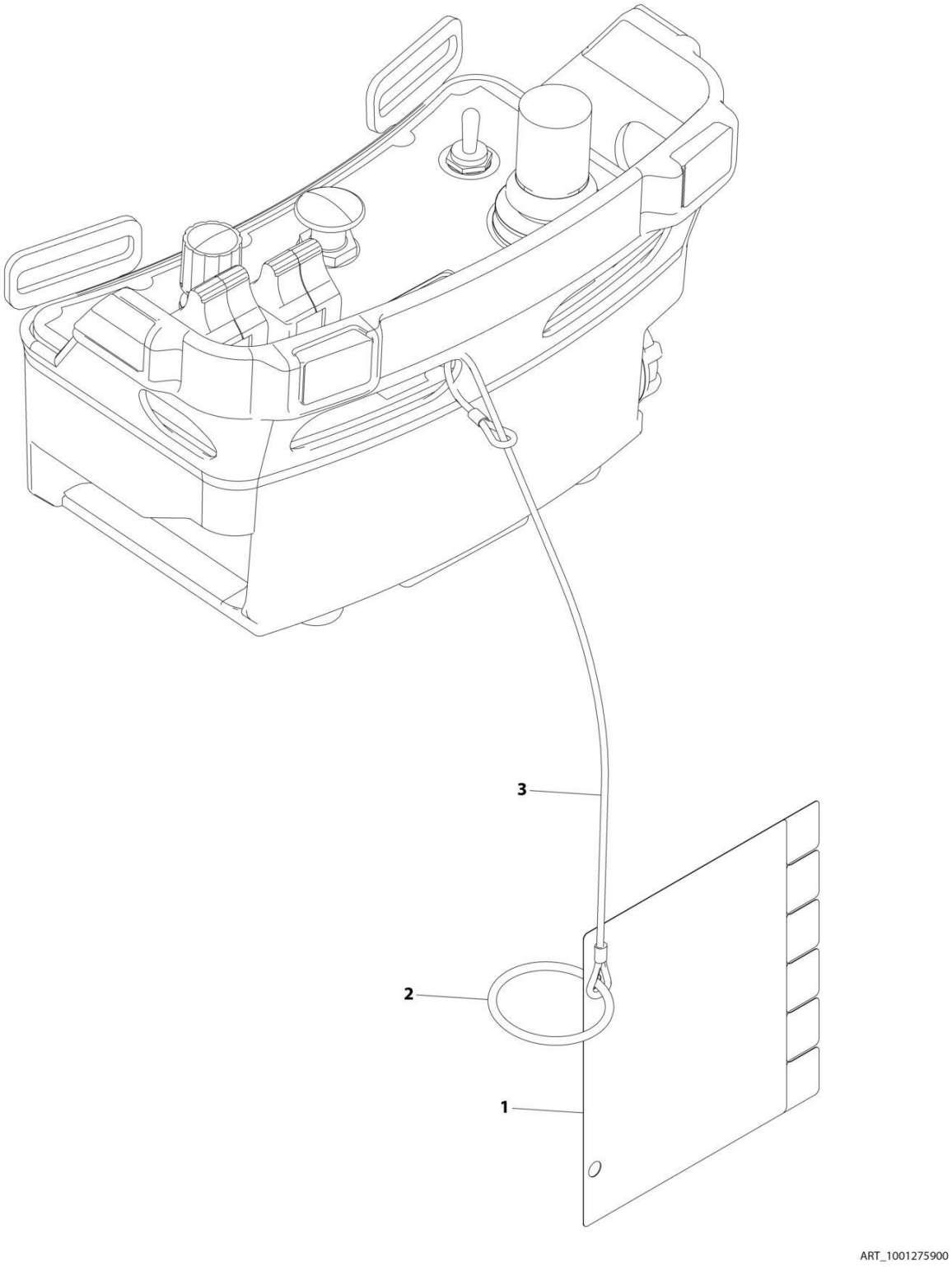

ART_1001238106-A

## FIGURE 11-10. CAPACITY CHART (8010)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001238106 | Ref | Capacity Chart (ISO) | |

# SECTION 11 - DECALS

## FIGURE 11-11. CAPACITY CHART - REMOTE BOOM CONTROL (1732)

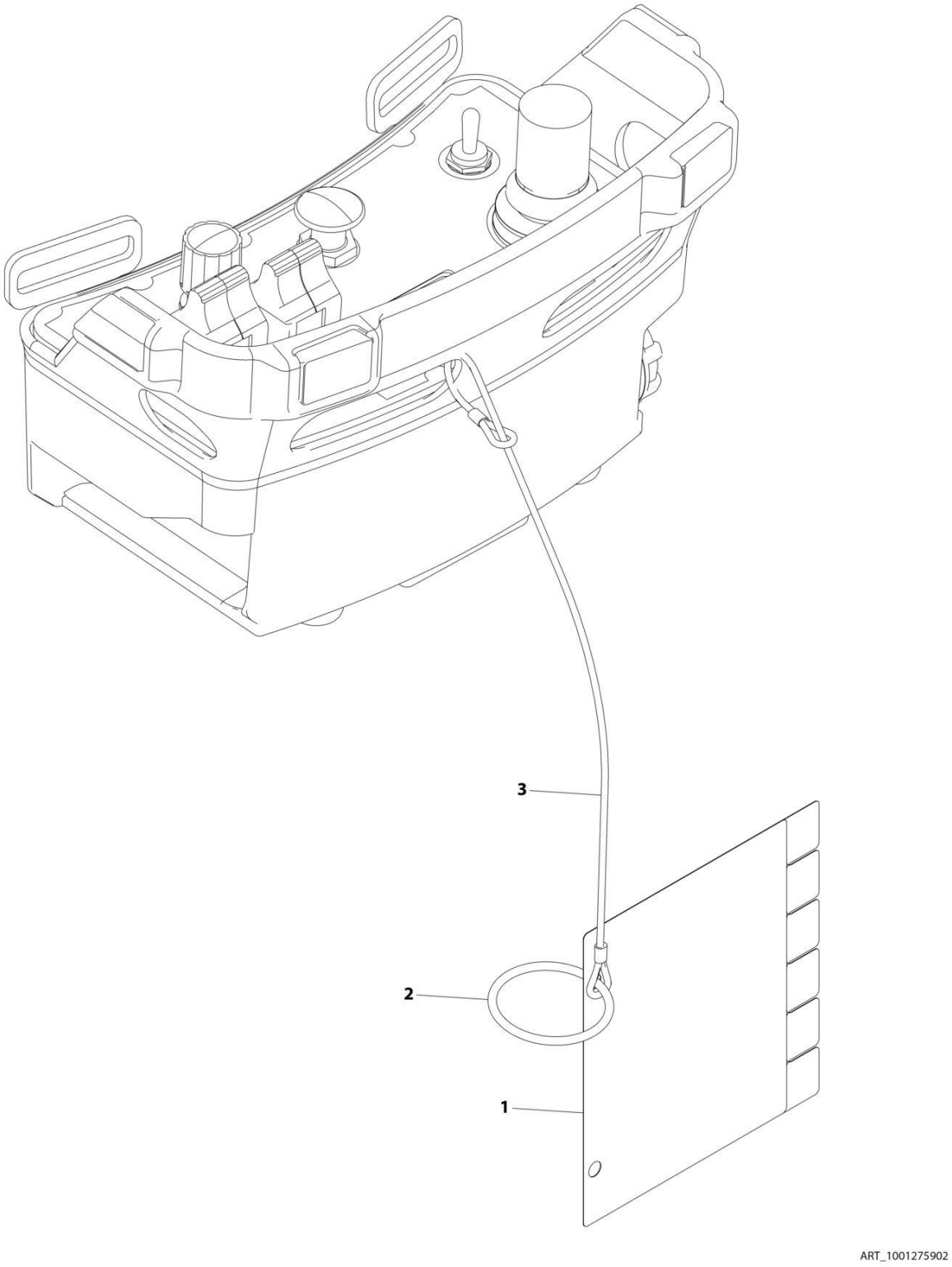


## FIGURE 11-11. CAPACITY CHART - REMOTE BOOM CONTROL (1732)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001275900 | Ref | CAPACITY CHART - REMOTE BOOM CONTROL | A |
| 1 | 1001275721 | 1 | Capacity Chart | |
| 2 | 1001271061 | 1 | Clip | |
| 3 | 1060799 | 1 | Cable, Lanyard | |

# SECTION 11 - DECALS

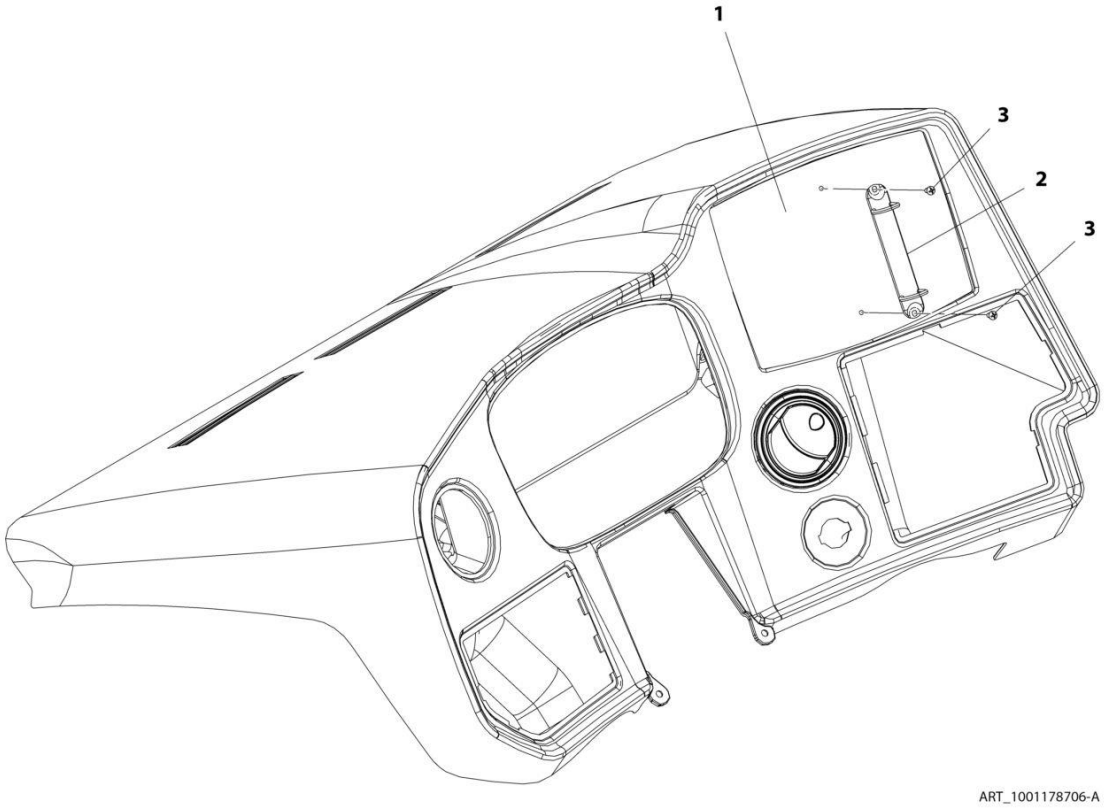
## FIGURE 11-12. CAPACITY CHART - REMOTE BOOM CONTROL (8010)



## FIGURE 11-12. CAPACITY CHART - REMOTE BOOM CONTROL (8010)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001275902 | Ref | CAPACITY CHART - REMOTE BOOM CONTROL | B |
| 1 | 1001238106 | 1 | Capacity Chart | |
| 2 | 1001271061 | 1 | Clip | |
| 3 | 1060799 | 1 | Cable, Lanyard | |

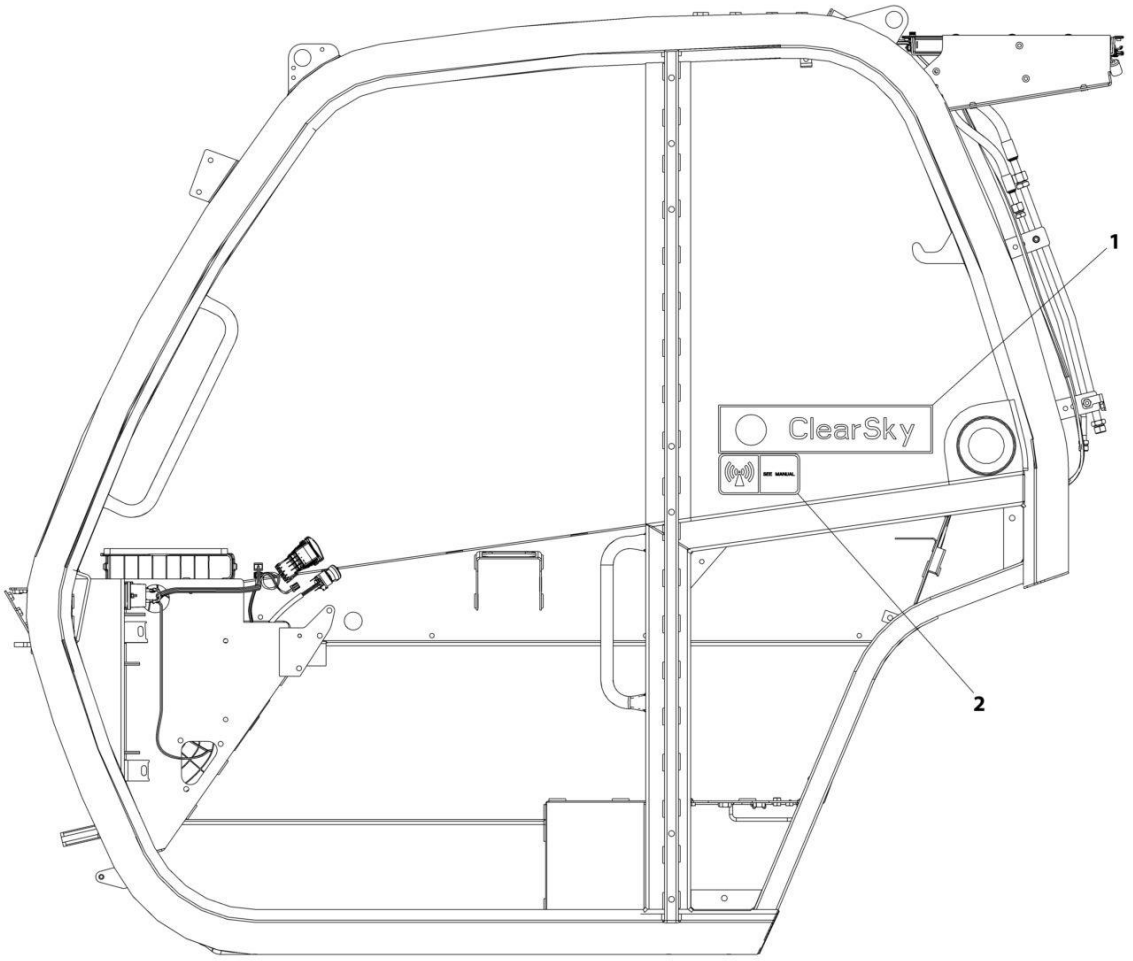
## FIGURE 11-13. CAPACITY CHART HOLDER INSTALLATION



## FIGURE 11-13. CAPACITY CHART HOLDER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178706 | Ref | Capacity Chart Holder Installation | A |
| 1 | 1001179297 | 1 | Load Chart, Bezel | |
| 2 | 1001005960 | 1 | Holder | |
| 3 | 7029486 | 2 | Screw | |

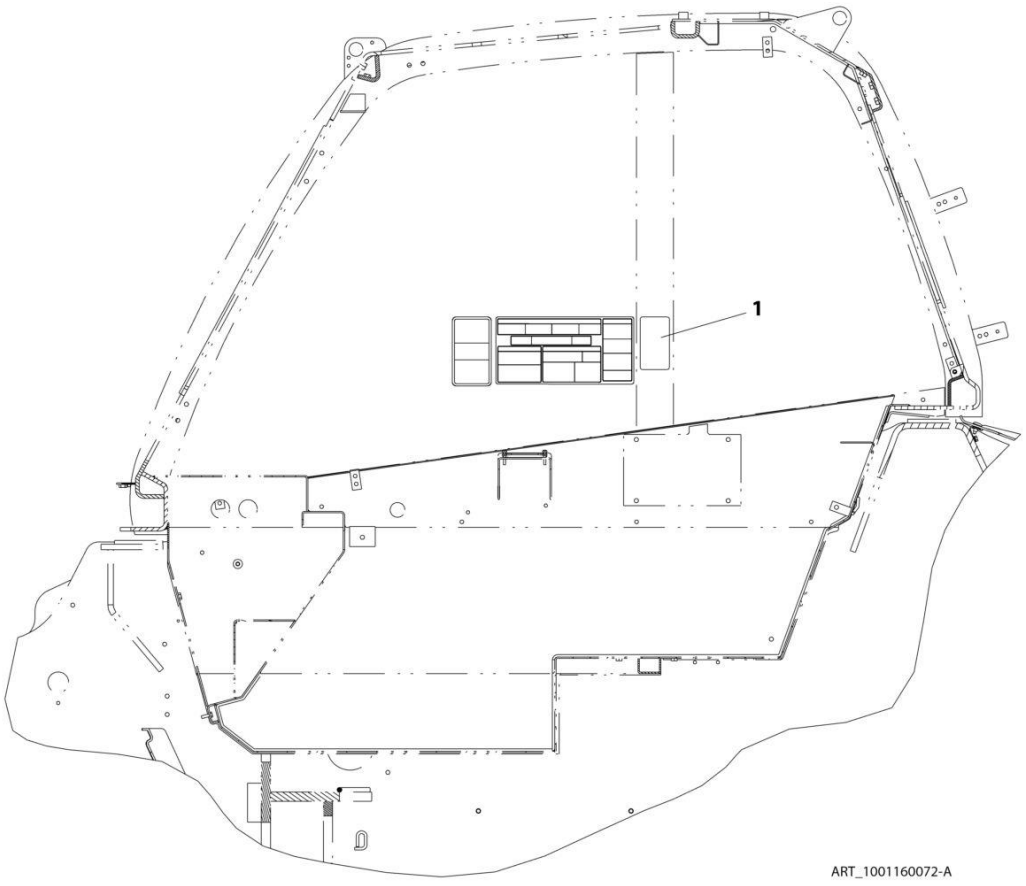
## FIGURE 11-14. CLEARSKY DECAL INSTALLATION



## FIGURE 11-14. CLEARSKY DECAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001229707 | Ref | Clearsky Decal Installation | C |
| 1 | 1001294815 | 1 | Decal - ClearSky | |
| 2 | 1001120989 | 1 | Radio Frequency Decal | |

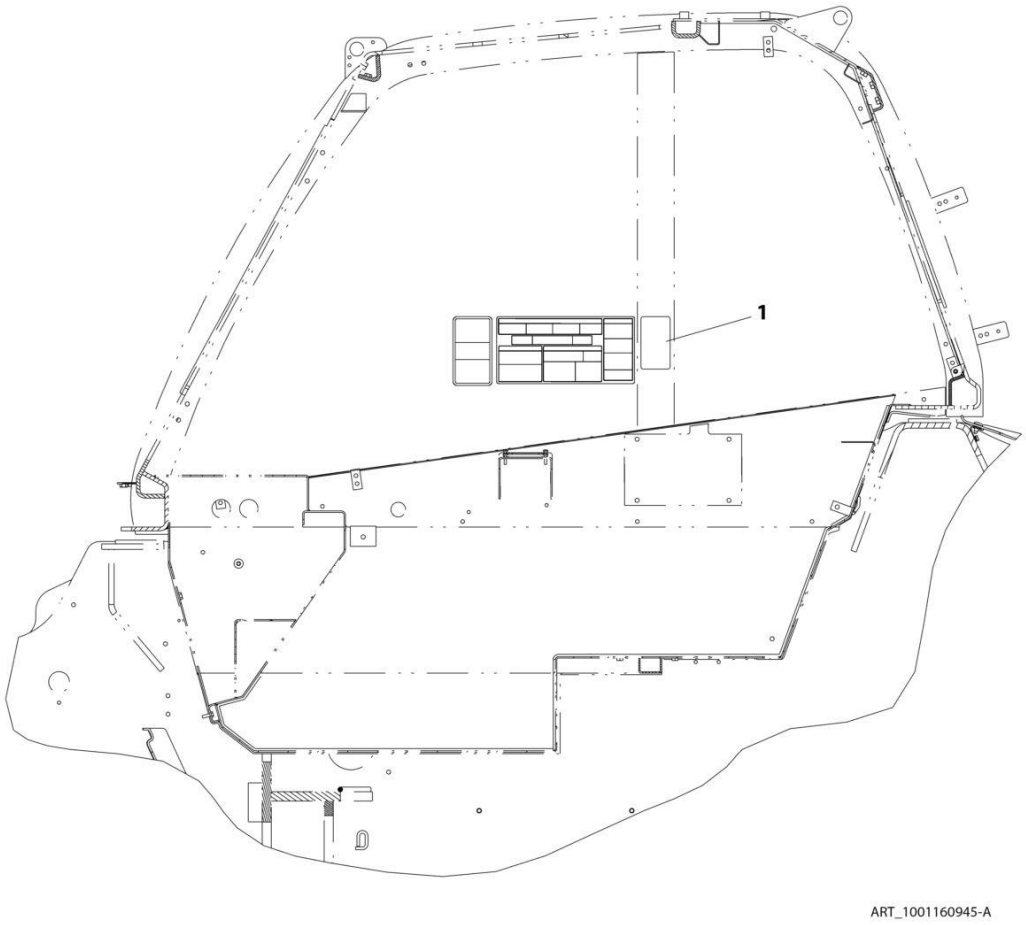
**FIGURE 11-15. REVERSE SENSOR SYSTEM DECAL (ENGLISH)**



## FIGURE 11-15. REVERSE SENSOR SYSTEM DECAL (ENGLISH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001160072 | 1 | Reverse Sensor System Decal (English) | A |

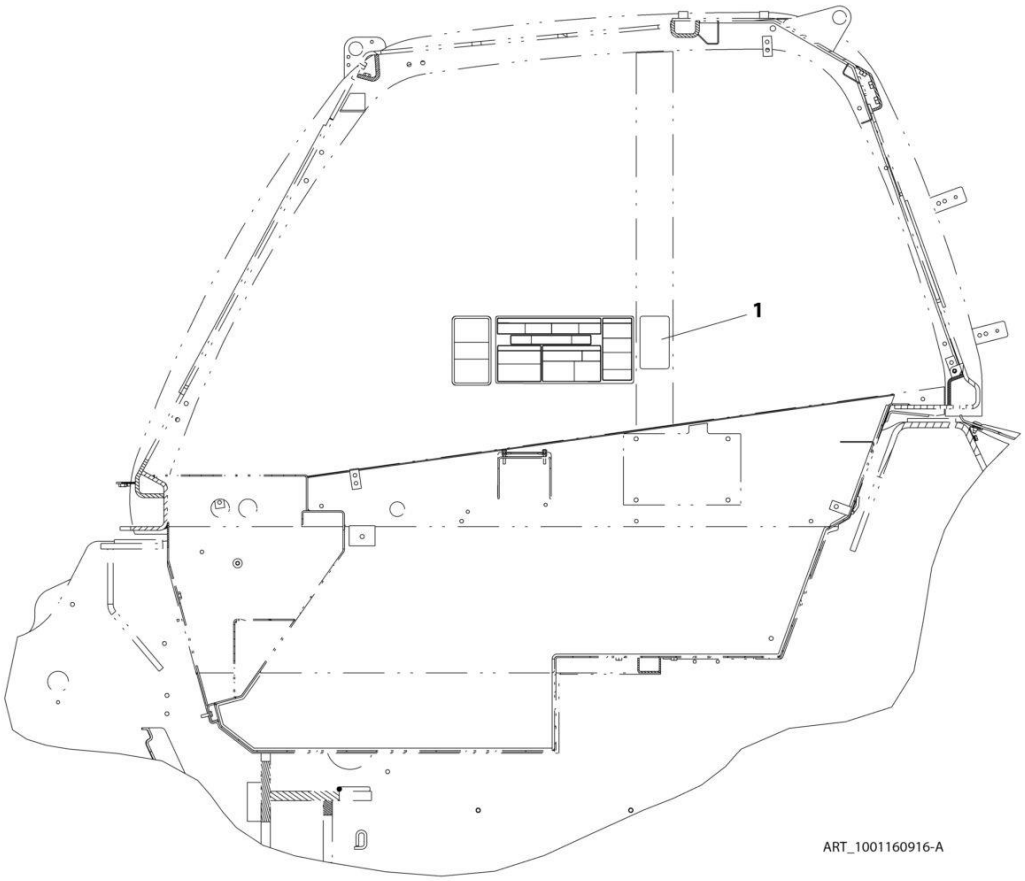
## FIGURE 11-16. REVERSE SENSING SYSTEM DECAL (ENGLISH/FRENCH)



## FIGURE 11-16. REVERSE SENSING SYSTEM DECAL (ENGLISH/FRENCH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001160945 | 1 | Reverse Sensor System Decal (ENGLISH/FRENCH) | A |

**FIGURE 11-17. REVERSE SENSOR SYSTEM DECAL (ISO)**



## FIGURE 11-17. REVERSE SENSOR SYSTEM DECAL (ISO)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001160916 | 1 | Reverse Sensor System Decal (ISO) | A |

# SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

# SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

## FIGURE 12-1. 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. | |
| | 70020764 | 1 | Coil (Boom Aux Diverter Valve) | |
| | 70028281 | 1 | Coil (Boom Raise Ride & Float Valve) | |
| | 70002963 | 1 | Coil (Cab Hydraullics) | |
| | 70004595 | 1 | Coil (Frame Level Control) | |
| | 70026582 | 1 | Coil (Speed Control / Steering Select Valve) | |
| | 1001206112 | 1 | Control, Remote Controller (Boom) | |
| | 1001249078 | 1 | Control, Voltage | |
| | 1001159028 | 1 | Controller, Accelerator | |
| | 1001213265 | 1 | Controller, Brake | |
| | 1001257348 | 1 | Controller, FNR (0 Speed) | |
| | 1001257088 | 1 | Controller, FNR (2 Speed) | |
| | 1001222603 | 1 | Controller, Joystick | |
| | 1001222606 | 1 | Controller, Joystick, 2R2B (2 Speed) | |
| | 1001209194 | 1 | Controller, Remote (Boom) | |
| | 1001191685 | 12 | Element, Filter (Hydraulic Tank Assembly) | |
| | 70025153 | 12 | Element, Fuel Filter (Primary) | |
| | 70004512 | 12 | Element, Fuel Filter (Secondary) | |
| | 1001162662 | 12 | Filter, Breather (Hydraulic Tank) | |
| | 1001141461 | 12 | Filter, Charge (Charge Filter Assembly) | |
| | 70025850 | 12 | Filter, Cylindrical Air Primary | |
| | 70025851 | 12 | Filter, Cylindrical Air Secondary | |
| | 7016331 | 12 | Filter, Oil (Engine Assembly) | |
| | 8229242 | 2 | Fuse, 5A (Standard Electrical Board Assembly, Option 1 Board & Clearsky 2 Harness) | |
| | 8229261 | 2 | Fuse, 5A (ASOV Harness) | |
| | 80983191 | 2 | Fuse, 10A (Standard Electrical Board Assembly, Option 1 Board & Option 2 Board) | |
| | 8229234 | 2 | Fuse, 10A (Remote Control Harness) | |
| | 8229244 | 2 | Fuse, 15A (Option 2 Board & Frame Power Distribution Box) | |
| | 8229235 | 2 | Fuse, 20A (ASOV Harness) | |
| | 8229247 | 2 | Fuse, 25A (Option 1 Board & Frame Power Distribution Box) | |
| | 8229245 | 2 | Fuse, 30A (Standard Electrical Board Assembly & Frame Power Distribution Box) | |
| | 70026297 | 2 | Fuse, 80A (Frame Power Distribution Box) | |
| | 1001095336 | 2 | Fuse, 150A (Frame Power Distribution Box) | |
| | 70026296 | 2 | Fuse, 200A (Frame Power Distribution Box) | |
| | 1001131177 | 2 | Fuse, Power Module (Engine Wiring Installation) | |
| | 70022765 | 1 | Key, Ignition (set of 2) (Dash Electrical Installation) | |
| | 2940074 | 1 | Latch (Fork Mounted Basket) | |
| | 1001203181 | 1 | Module, Accessory Control (Cooling Package) | |
| | 1001250475 | 1 | Module, Attachment Recognition Receiver (FCC) | |
| | 1001270466 | 1 | Module, Cab Control (Cab Electrical) | |
| | 1001229955 | 1 | Module, Dual CAN TCU (ClearSky CANBUS) | |
| | 70027426 | 1 | Module, EGR (Engine Assembly) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70005495 | 1 | Module, Engine Control (Engine Assembly) | |
| | 1001270467 | 1 | Module, Front Frame Control | |
| | 1001270485 | 1 | Module, LMIS Control | |
| | 1001270468 | 1 | Module, Rear Frame Control | |
| | 1001226328 | 1 | Module, 3W TCU (ClearSky 3-Wire) | |
| | 70025780 | 1 | Relay (Engine Assembly) | |
| | 3740080 | 1 | Relay (Cooling Package & Remote Control Power Harness) | |
| | 1001117308 | 1 | Relay, 35A (Engine Pod Electrical Installation) | |
| | 70026292 | 1 | Relay, 35A (Standard Electrical Board Assembly) | |
| | 70026295 | 1 | Relay, 35A (Frame Power Distribution Box) | |
| | 70026293 | 1 | Relay, 50A (Option 1 Board) | |
| | 70026294 | 1 | Relay, 70A (Frame Power Distribution Box) | |
| | 70028383 | 1 | Sensor, Angle (Brake) | |
| | 4000015 | 1 | Sensor, Boom Angle (No LMIS) | |
| | 1001099717 | 1 | Sensor, Boom Angle (LMIS) | |
| | 1001223903 | 1 | Sensor, Boom Length | |
| | 1001138827 | 1 | Sensor, Coolant Level | |
| | 70025539 | 1 | Sensor, Dual Pad (Seat) | |
| | 1001162885 | 1 | Sensor, LMIS (LMIS Installation) (High End Display) | |
| | 1001160730 | 1 | Sensor, LSI (LSI Sensor Installation) | |
| | 1001147340 | 1 | Sensor, Pressure (Frame Hydraulic) | |
| | 1001183024 | 1 | Sensor, Proximity (Boom Retract) | |
| | 1001247421 | 1 | Sensor, Reverse | |
| | 1001128478 | 1 | Sensor, Temperature (Hydraulic Tank) | |
| | 1001163095 | 1 | Sensor, Tilt (LMIS Tilt Sensor Installation) | |
| | 1001104654 | 1 | Switch, Aux Decomp | |
| | 1001159746 | 1 | Switch, Aux Electric | |
| | 1001159738 | 1 | Switch, Beacon | |
| | 1001159745 | 1 | Switch, Boom Ride | |
| | 1001159739 | 1 | Switch, Boom Worklights | |
| | 4360658 | 1 | Switch, Brake Light | |
| | 1001159741 | 1 | Switch, Constant AUX | |
| | 70025486 | 1 | Switch, Contact (Standard Seat) | |
| | 1001192142 | 1 | Switch, Disconnect (Engine Pod) | |
| | 70028326 | 1 | Switch, Driver Presence (Premium Air Suspension Seat) | |
| | 4360475 | 1 | Switch, E-Stop (External Emergency Stop Installation) | |
| | 1001159737 | 1 | Switch, Fog Lights | |
| | 1001212470 | 1 | Switch, Frame Level | |
| | 1001159845 | 1 | Switch, Front Worklights | |
| | 1001159734 | 1 | Switch, Hazard | |
| | 70024107 | 1 | Switch, Heater (Premium Air Suspension Seat) | |
| | 1001169268 | 1 | Switch, Horn Button | |
| | 1001160326 | 1 | Switch, HVAC On/Off (Heater and A/C) | |
| | 1001159925 | 1 | Switch, HVAC Recycle (Heater and A/C) | |
| | 1001172547 | 1 | Switch, HVAC Rotary 3 Speed (Heater and A/C) | |
| | 4360657 | 1 | Switch, Ignition (Remote Control Boom) | |
| | 1001080978 | 1 | Switch, Lift/Loader | |
| | 1001163639 | 1 | Switch, Light (Cab Light Switch) | |
| | 1001159742 | 1 | Switch, LSI Override | |
| | 1001080375 | 1 | Switch, Quick Coupler | |
| | 1001159735 | 1 | Switch, Rear Wiper | |

# SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001159846 | 1 | Switch, Rear Worklights | |
| | 1001145204 | 1 | Switch, Reversing Fan (Reversing Cooling Fan) | |
| | 1001159736 | 1 | Switch, Roof Wiper | |
| | 1001159849 | 1 | Switch, Steer Mode | |
| | 1001215941 | 1 | Switch, Toggle SPST (ASOV) | |
| | 1001256974 | 1 | Switch, Turn-Wiper | |
| | 1001102502 | 1 | Switch, 4 Position Key | |

# SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

# SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

## FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department. | |
| | | Ref | SPECIAL OPTIONS/ACCESSORIES/KITS | |
| | 1001233189 | Ref | Air Shutoff Valve (ASOV) Kit | |
| | 1001229072 | Ref | Boom Kit - 1732/8010 | |
| | 1001229213 | Ref | Boom Brushes Kit - 1732/8010 | |
| | 1001231057 | Ref | Boom Prop Kit | |
| | 1001229074 | Ref | Boom Wear Pad Kit - 1732/8010 | |
| | 1001213286 | Ref | Cab Display Kit | |
| | 1001199382 | Ref | Cab Guard Kit - Roof/Front Combo | |
| | 1001212845 | Ref | Cab Guard Kit - Front | |
| | 1001199380 | Ref | Cab Guard Kit - Roof | |
| | 1001268341 | Ref | Camera (Rear View) Add-on Kit(Dealer Installed) | |
| | 1001229811 | Ref | Camera Kit - Reverse Camera | |
| | 1001276923 | Ref | ClearSky Telematics Add-on Kit (Contact JLG for Approved Countries) | |
| | 1001291382 | 1 | ClearSky Prep Installation | |
| | 1001229532 | Ref | Cold Weather Kit - 115V | |
| | 1001229813 | Ref | Cold Weather Kit - 230V | |
| | 1001231341 | Ref | Decal Kit - 1732 | |
| | 1001245694 | Ref | DEF Tank/Heater Service Kit | |
| | 1001148902 | Ref | Electrical Connector Kit - Amp/Tyco Electrical Connectors | |
| | 1001148903 | Ref | Electrical Connector Kit - Deutsch DT Electrical Connectors | |
| | 1001148904 | Ref | Electrical Connector Kit - Deutsch HD Electrical Connectors | |
| | 1001148905 | Ref | Electrical Connector Kit - Packard Electrical Connectors | |
| | 1001148906 | Ref | Electrical Connector Kit - Various Electrical Connectors | |
| | 1001230409 | Ref | Emergency Stop Switch Kit - External | |
| | 1001229812 | Ref | Engine Block Heater Kit - 115V | |
| | 1001230125 | Ref | Engine Block Heater Kit - 230V | |
| | 1001229576 | Ref | Fender Kit | |
| | 1001239961 | Ref | Fire Extinguisher Kit | |
| | 1001230126 | Ref | Heat to Heat/AC Upgrade Kit | |
| | 1001274891 | Ref | Joystick Kit - 2 Speed FNR with Clamp | |
| | 1001274892 | Ref | Joystick Kit - 0 Speed FNR with Lights | |
| | 1001230188 | Ref | Light Kit - Beacon/Strobe (LED) | |
| | 1001199376 | Ref | Light Kit - Beacon/Strobe | |
| | 1001231110 | Ref | Light Kit - Drive/Road Lights (RH) | |
| | 1001231138 | Ref | Light Kit - Drive/Road Lights (LED) (RH) | |
| | 1001229104 | Ref | Light Kit - Work Lights | |
| | 1001230699 | Ref | Radio Ready Kit | |
| | 1001252304 | Ref | Reversing Sensing Kit | |
| | 1001199328 | Ref | Roof Wiper Kit | |
| | 1001228993 | Ref | Service Kits | I |
| | 1001229216 | Ref | Telematics Kit (Long Roof) (NA) | |
| | 1001229324 | Ref | Telematics Kit (Short Roof) (NA) | |
| | 1001265372 | Ref | Telematics Kit - Canbus (NA) | |
| | 1001254390 | Ref | Telematics Kit - Canbus (CE) | |
| | 1001254400 | Ref | Telematics Kit - Canbus Extension | |

# SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | Tools: | |
| | 1001249695 | Ref | Analyzer and Cable Kit | |
| | 1001249941 | Ref | Analyzer and Cable Kit (Battery Powered) | |
| | 7002821 | Ref | Crimper (For Wire to Pin/Socket Connections) | |
| | 7002823 | Ref | Extractor (For Removal of Pin/Socket from Connectors) | |
| | 8896941 | Ref | Wire Stripper | |
| | 7004275 | Ref | Seal Tool 1" (For Cylinders) | |
| | 7004276 | Ref | Seal Tool 1 1/2" (For Cylinders) | |
| | 7002826 | Ref | Seal Tool 2" (For Cylinders) | |
| | 1001262959 | Ref | Voltage Regulator Add-on Kit (Dealer Installed) | |
| | 1001214167 | Ref | Window (Rear) Release Kit | |

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