# *Illustrated Parts Manual*

## *Models*
## *3614RS*
## *4017RS*

**SN 1160007024 to SN 1160008790**
**SN E160000001 to SN E160000496**

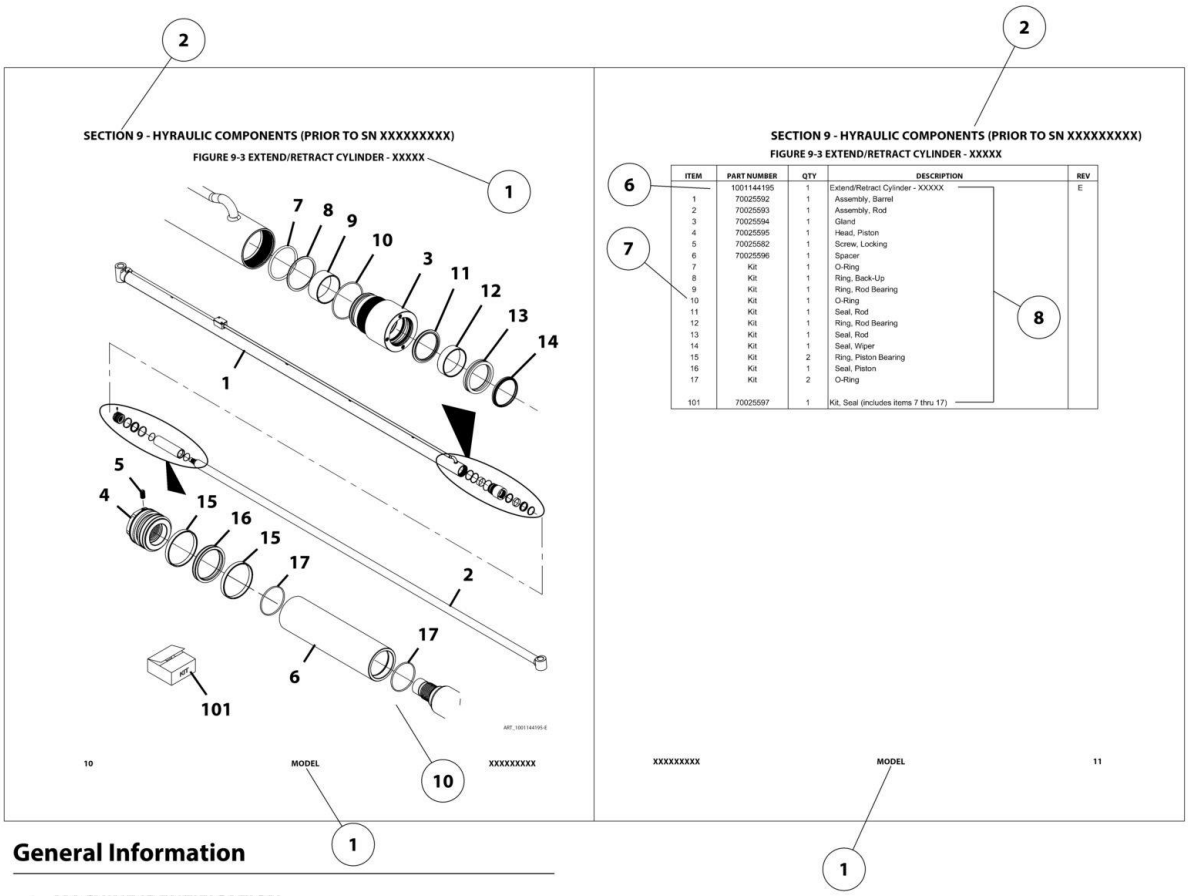
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## EFFECTIVITY PAGE

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| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144195 | 1 | Extend/Retract Cylinder - XXXXX | E |
| 1 | 70025592 | 1 | Assembly, Barrel | |
| 2 | 70025593 | 1 | Assembly, Rod | |
| 3 | 70025594 | 1 | Gland | |
| 4 | 70025595 | 1 | Head, Piston | |
| 5 | 70025582 | 1 | Screw, Locking | |
| 6 | 70025596 | 1 | Spacer | |
| 7 | Kit | 1 | O-Ring | |
| 8 | Kit | 1 | Ring, Back-Up | |
| 9 | Kit | 1 | Ring, Rod Bearing | |
| 10 | Kit | 1 | O-Ring | |
| 11 | Kit | 1 | Seal, Rod | |
| 12 | Kit | 1 | Ring, Rod Bearing | |
| 13 | Kit | 1 | Seal, Rod | |
| 14 | Kit | 1 | Seal, Wiper | |
| 15 | Kit | 2 | Ring, Piston Bearing | |
| 16 | Kit | 1 | Seal, Piston | |
| 17 | Kit | 2 | O-Ring | |
| 101 | 70025597 | 1 | Kit, Seal (includes items 7 thru 17) | |

## General Information

1. **MACHINE IDENTIFICATION**
   Machines are identified by model and in some cases a combination of model, serial number (S/N) or regional standard (e.g. ANSI, CE, CSA, AUS). Components may also be identified by S/N or manufacturer. Common components that may be identified by these characteristics are attachments, engine, transmission and hydraulic components.
2. **PARTS MANUAL ORGANIZATION**
   Product information in this manual is organized under section titles. Frame, Engine 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**
   A table of contents (TOC) 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**
   The Recommended Spare Parts, located near the end of the manual, references most frequently used maintenance parts.
5. **PARTS NUMBER INDEX**
   A numerical index listing all part numbers and the corresponding page number(s) appears at the back of the manual.
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 and a note after the item description stating what is available for service within. In the case of parts that are not available for service within assemblies or components there will be a NSS (Not Sold Separately) listed in the part number 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 sequence and are not shown in the illustration(s) are not used on that page.
8. **INDENTED PART DESCRIPTION**
   An indented part description is included in the item under which it is indented.

**9. ABBREVIATIONS AND SYMBOLS**

AC ..... Alternating Current
ADE ..... Advanced Design Electronics
ANSI ..... American National Standards Institute
AR ..... As Required
ASSY ..... Assembly
AUS ..... Australia
AUX ..... Auxiliary
AWG ..... American Wire Gauge
CE ..... European Conformity
CM ..... Centimeter
CSA ..... Canadian Standards Association
DIA ..... Diameter
DC ..... Direct Current
EMS ..... Emergency Stop
FT ..... Foot
GA ..... Gauge
GR ..... Grade
HAC ..... Heater and Air Conditioner
ID ..... Inside Diameter
IN ..... Inch
ISO ..... International Organization for Standards
ITSDF ..... Industrial Truck Standards Development Foundation
JIC ..... Joint Industry Council
KG ..... Kilogram
KW ..... Kilowatt
L ..... Liter
LB ..... Pound
LCD ..... Liquid Crystal Display
LED ..... Light Emitting Diode
LH ..... Left Hand
LS ..... Low Sulfur
LSS ..... Load Sensing System
M(m) ..... Metric/Meter
MM ..... Millimeter
MA ..... Miliamp
N ..... Newton
NLA ..... No Longer Available
NSS ..... Not Sold Separately
OD ..... Outside Diameter
ORB ..... O-Ring Boss
ORFS ..... O-Ring Face Seal
OZ ..... Ounce
QT ..... Quart
QTY ..... Quantity
REF ..... Reference
REV ..... Revision
RH ..... Right Hand
SN ..... Serial Number
SAE ..... Society of Automotive Engineers
UGM ..... Universal Ground Module
ULS ..... Ultra Low Sulfur
V ..... Volt

10. **ILLUSTRATION REFERENCE LETTERS**

When necessary, illustrations may contain reference letters that are intended to track information from one point to another in the illustration such as harnesses and hoses or any other information that has been separated in 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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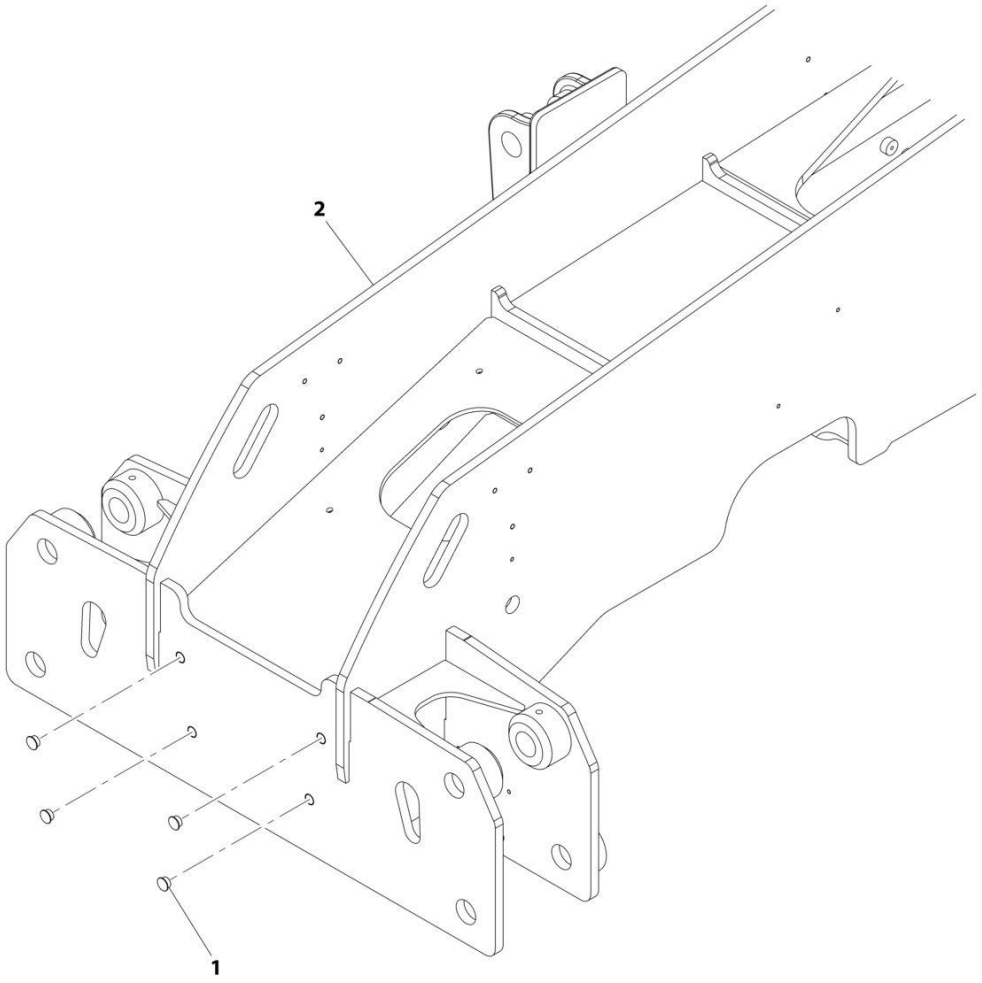
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# SECTION 1 - FRAME AND ATTACHING PARTS

## FIGURE 1-1. FRAME INSTALLATION - 3614RS

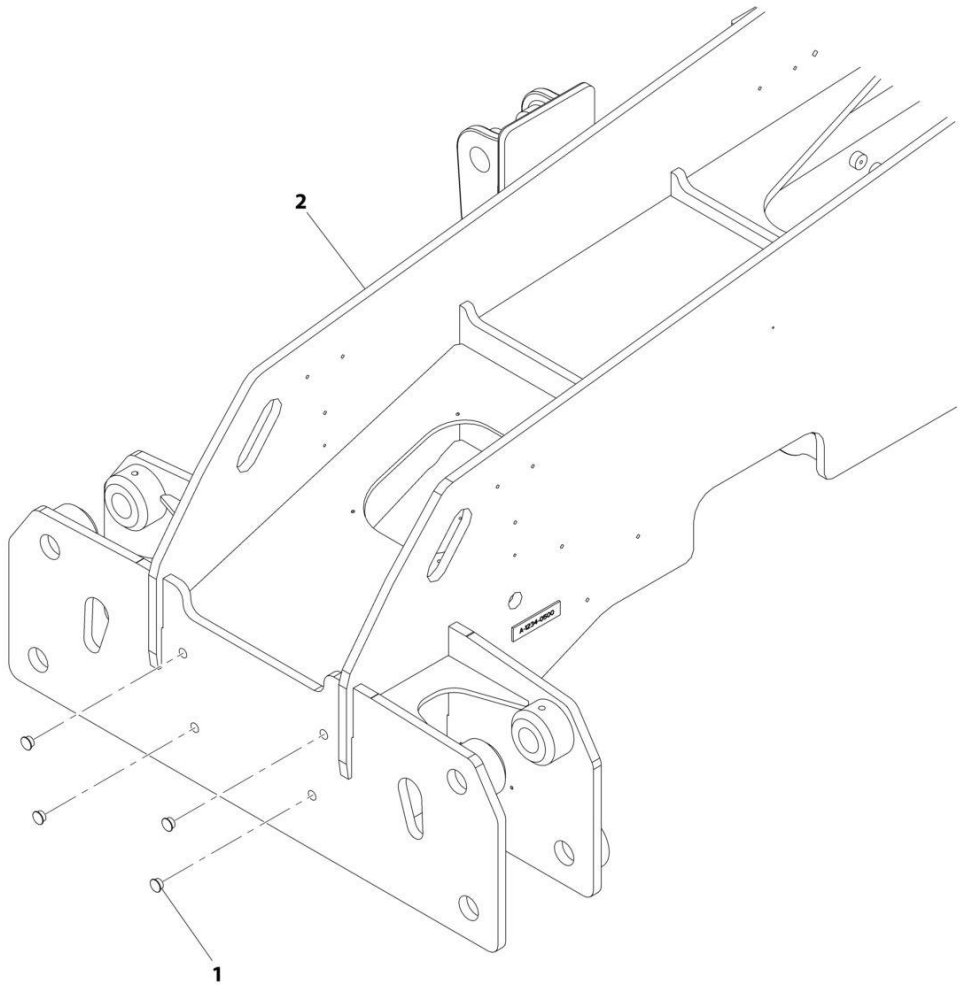



ART_1001146014-B

## FIGURE 1-1. FRAME INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146014 | NLA | Frame Installation - 3614RS (no longer available, use 1001241916 for replacement) | B |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

## FIGURE 1-2. FRAME INSTALLATION - 3614RS

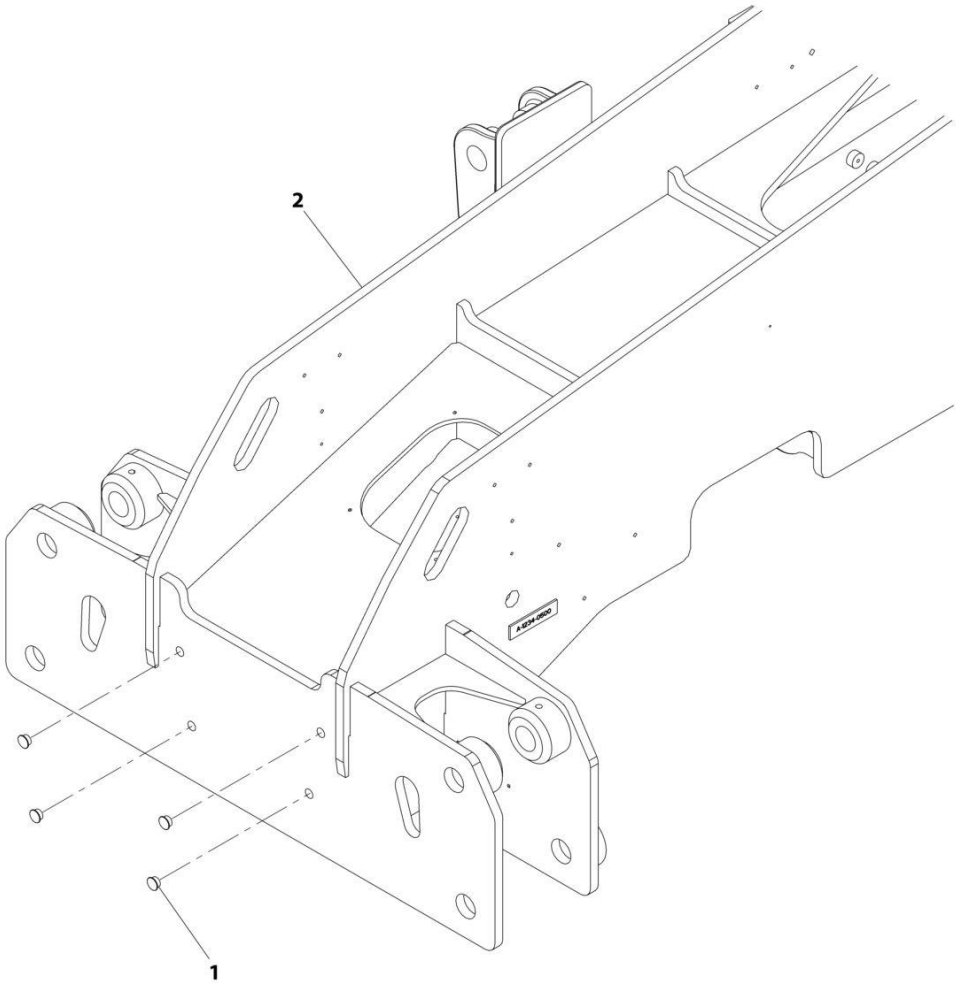



ART_1001241916-A

## FIGURE 1-2. FRAME INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241916 | Ref | Frame Installation - 3614RS | A |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

**FIGURE 1-3. FRAME INSTALLATION - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

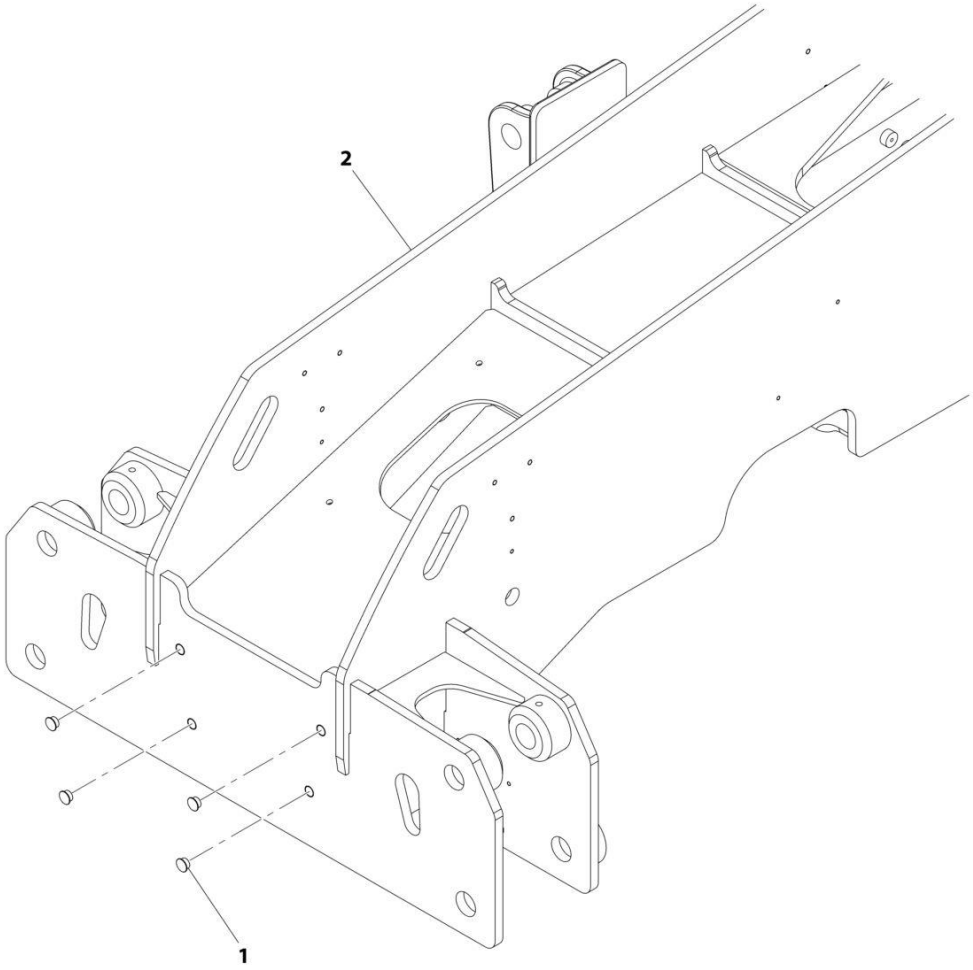



ART_1001237050-A

**FIGURE 1-3. FRAME INSTALLATION - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237050 | Ref | Frame Installation | A |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

## FIGURE 1-4. FRAME INSTALLATION - 4017RS (74KW)

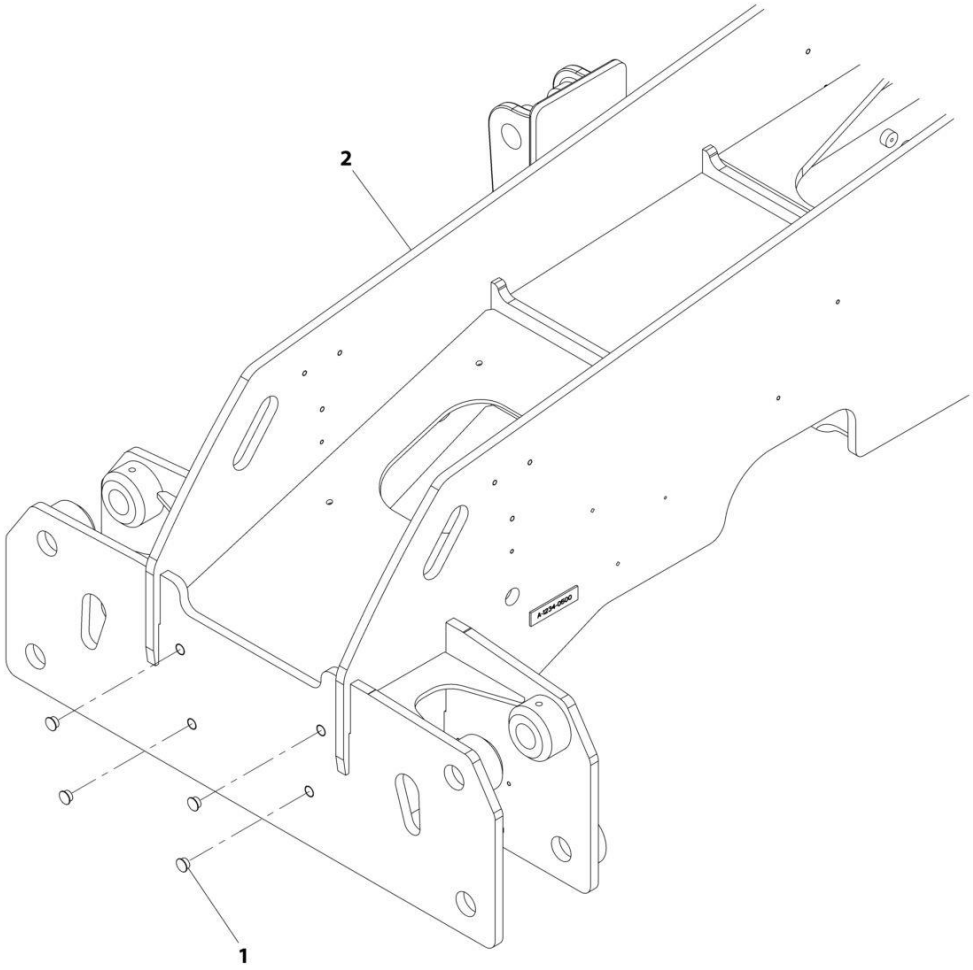



ART_1001146017-B

## FIGURE 1-4. FRAME INSTALLATION - 4017RS (74KW)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146017 | NLA | Frame Installation - 4017RS (74KW) (no longer available, use 1001241918 for replacement) | B |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

## FIGURE 1-5. FRAME INSTALLATION - 4017RS (74KW)

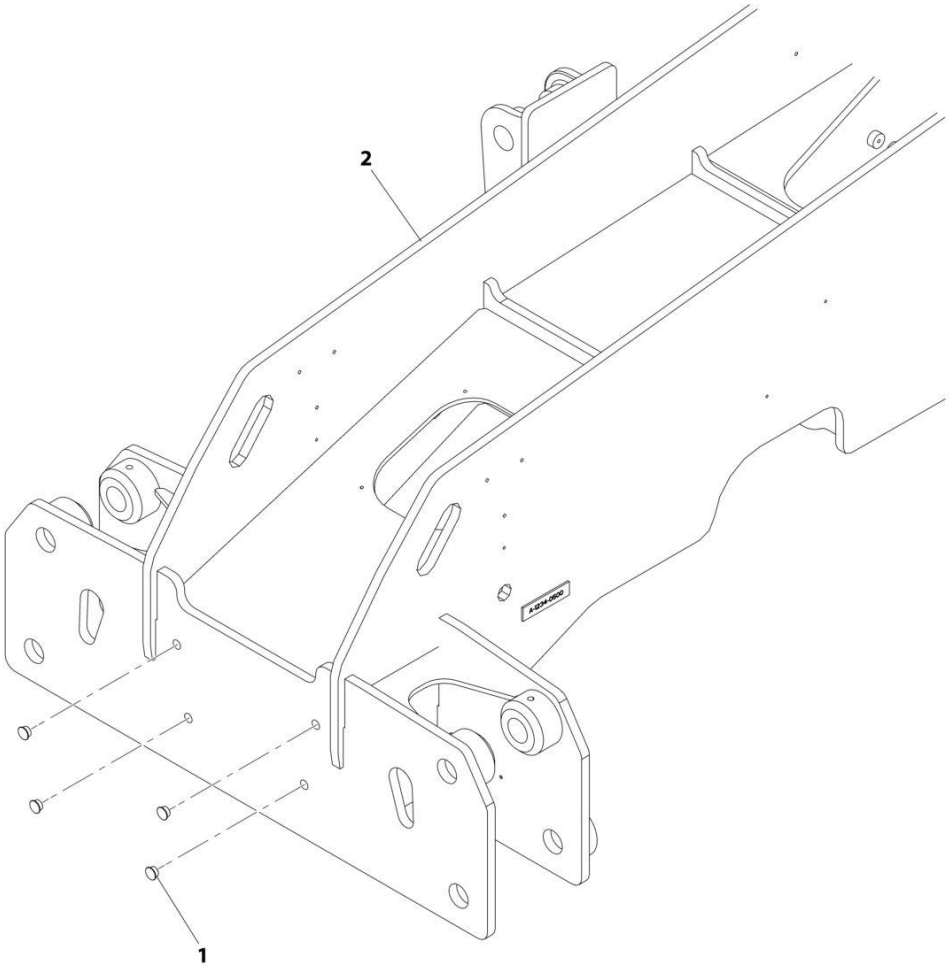



ART_1001241918-A

## FIGURE 1-5. FRAME INSTALLATION - 4017RS (74KW)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241918 | Ref | Frame Installation - 4017RS (74KW) | A |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

## FIGURE 1-6. FRAME INSTALLATION - 4017RS (55KW)

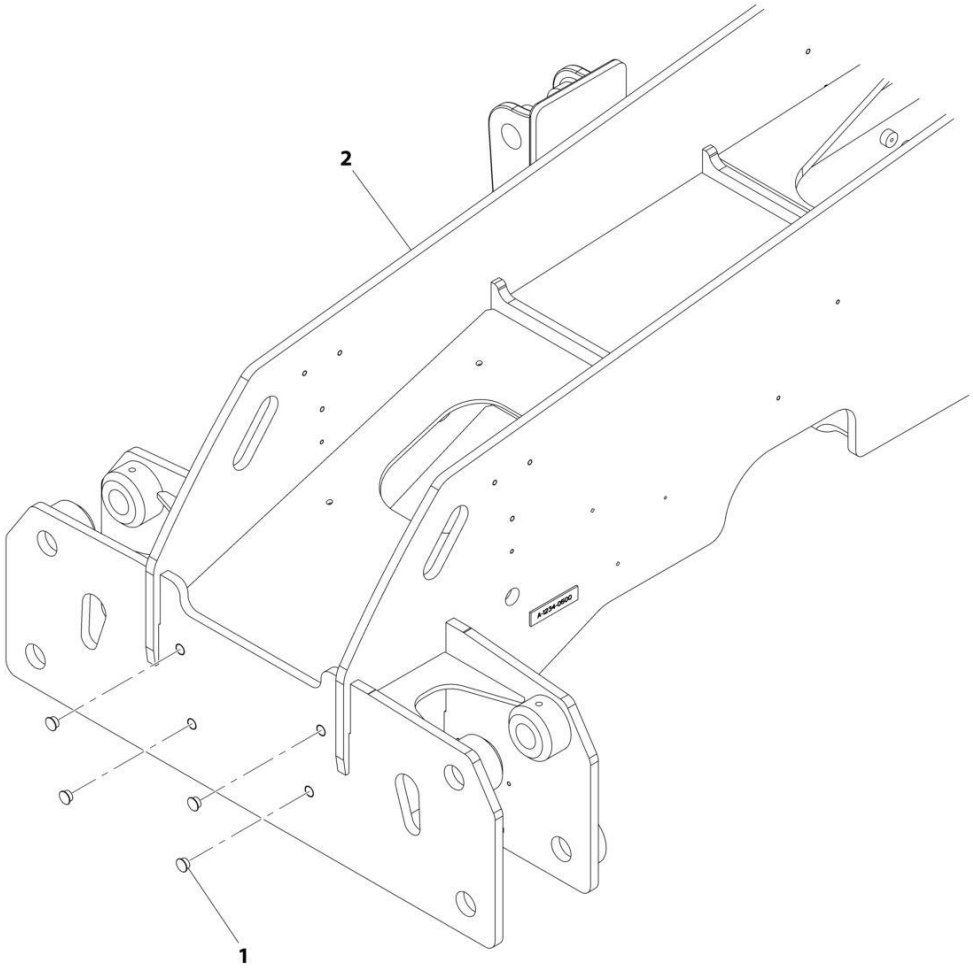



ART_1001199699-B

## FIGURE 1-6. FRAME INSTALLATION - 4017RS (55KW)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199699 | NLA | Frame Installation - 4017RS (55KW) (no longer available, use 1001241920 for replacement) | B |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

## FIGURE 1-7. FRAME INSTALLATION - 4017RS (55KW)

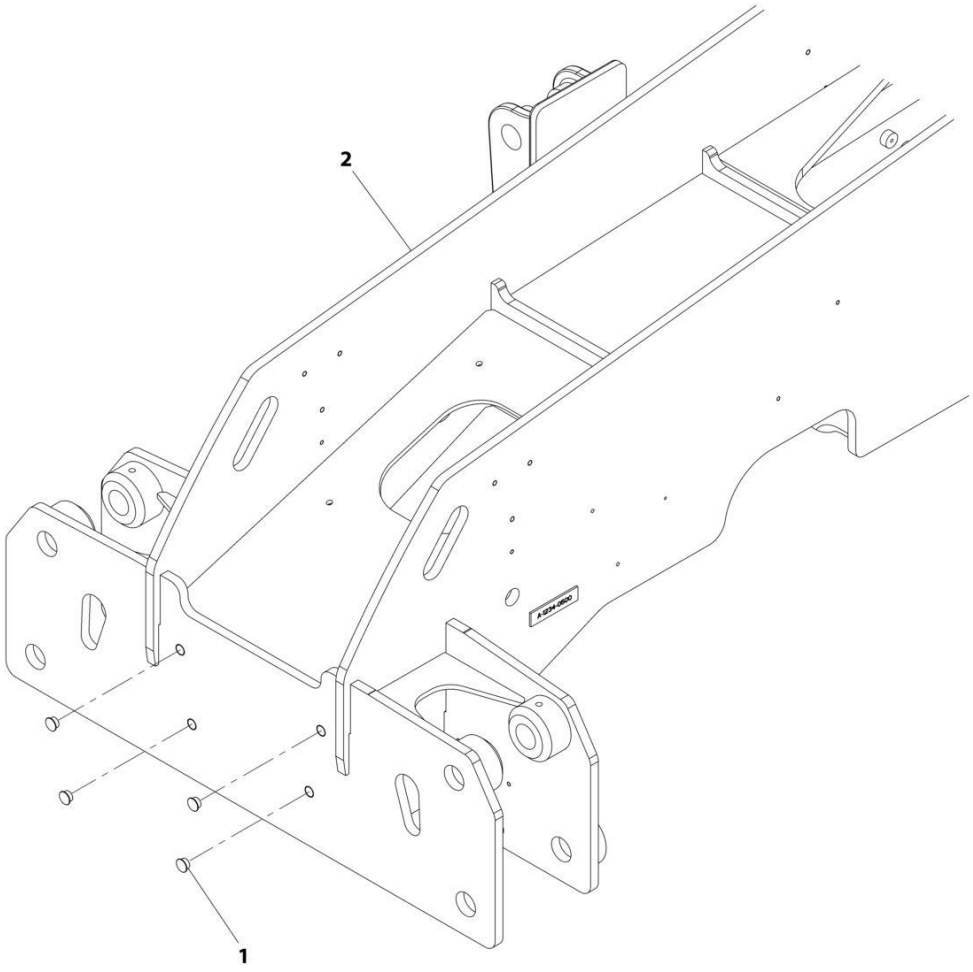



ART_1001241920-A

## FIGURE 1-7. FRAME INSTALLATION - 4017RS (55KW)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241920 | Ref | Frame Installation - 4017RS (55KW) | A |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

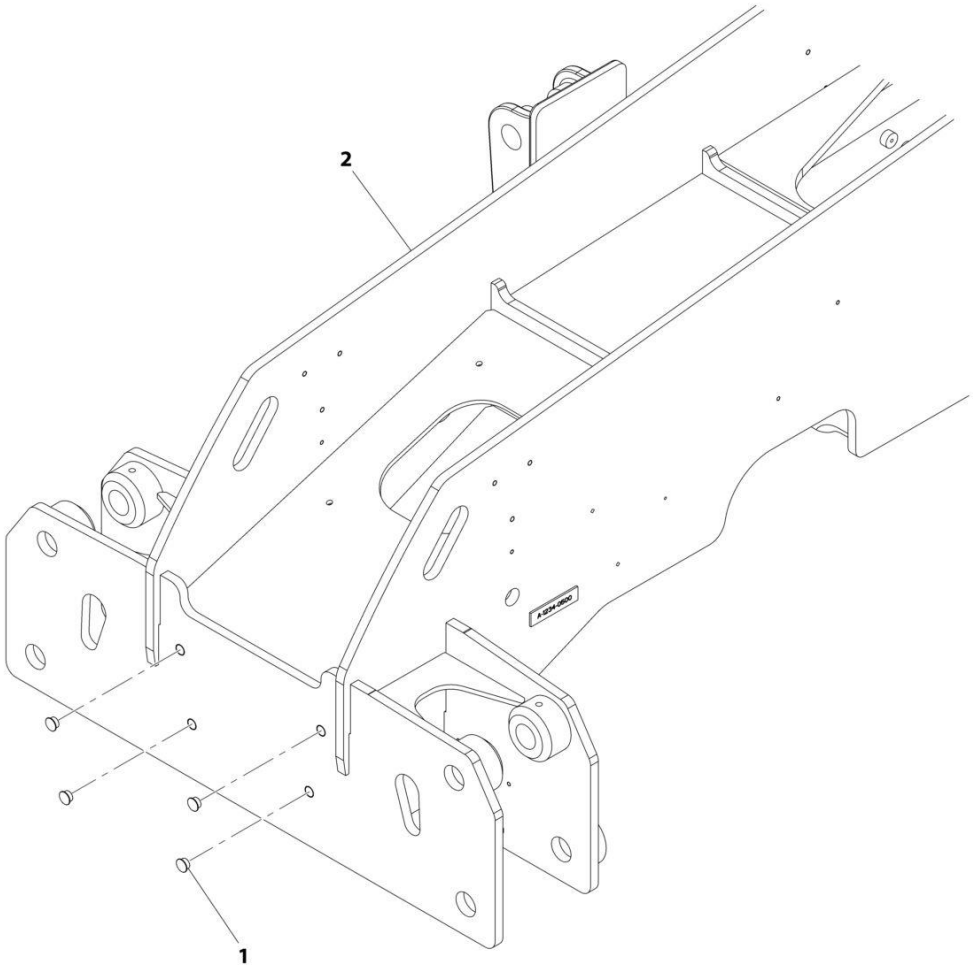
**FIGURE 1-8. FRAME INSTALLATION - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 1-8. FRAME INSTALLATION - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237053 | Ref | Frame Installation | A |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

**FIGURE 1-9. FRAME INSTALLATION (HIGH CAB) - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

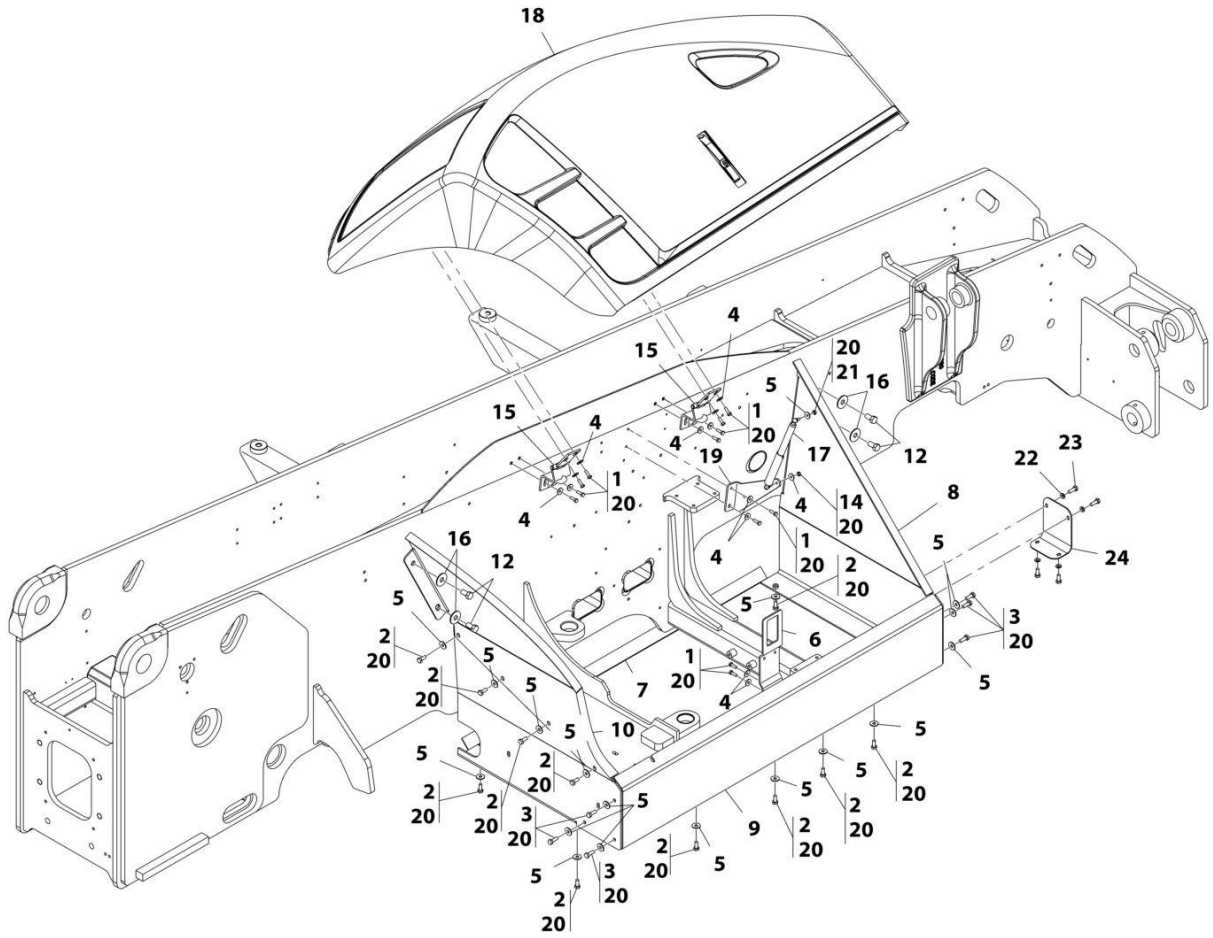



ART_1001237578-A

## FIGURE 1-9. FRAME INSTALLATION (HIGH CAB) - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237578 | Ref | Frame Installation (High Cab) | A |
| 1 | 1001091126 | 4 | Plug | |
| 2 | N.S.S. | 1 | Weldment, Frame | |

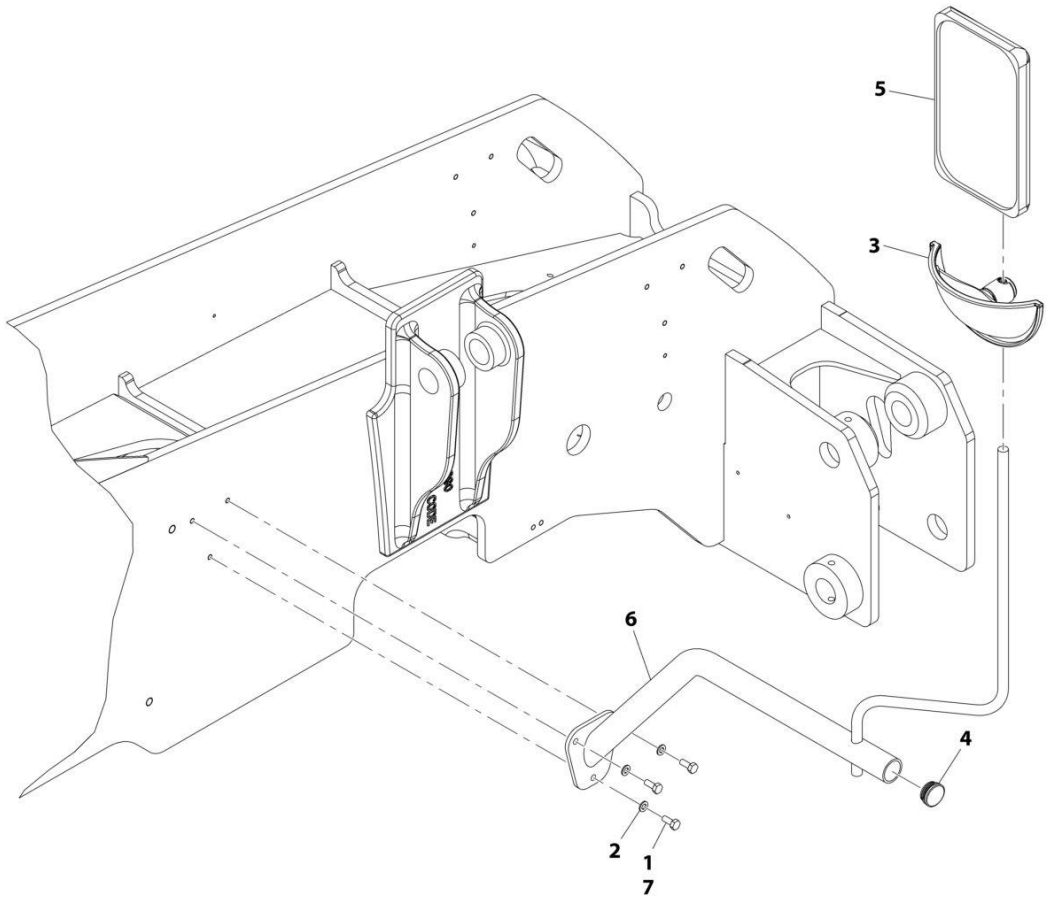
## FIGURE 1-10. ENCLOSURE GROUP INSTALLATION



## FIGURE 1-10. ENCLOSURE GROUP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145381 | Ref | Enclosure Group Installation | H |
| 1 | 0760812 | 12 | Bolt, M8X25 | |
| 2 | 0761012 | 11 | Bolt, M10X25 | |
| 3 | 0761014 | 6 | Bolt, M10X30 | |
| 4 | 4811902 | 13 | Washer, M8 | |
| 5 | 4812002 | 18 | Washer, M10 | |
| 6 | 1001154688 | 1 | Plate, Latch | |
| 7 | 1001145307 | 1 | Plate, Belly Pan | |
| 8 | 1001179944 | 1 | Panel, Front | |
| 9 | 1001145313 | 1 | Panel, Side | |
| 10 | 1001149046 | 1 | Panel, Rear | |
| 12 | 0761614 | 4 | Bolt, M16X30 | |
| 14 | 3290801 | 1 | Nut, M8X1.25 | |
| 15 | 4806433 | 2 | Hinge, Hood | |
| 16 | 1001092256 | 4 | Washer, M17 | |
| 17 | 1001167288 | NLA | Spring, Hood (no longer available, see 1001237046 for replacement) | |
| 17 | 1001237046 | 1 | Spring, Hood | |
| 18 | 1001150144 | 1 | Assembly, Hood (See HOOD ASSEMBLY for Details) | |
| 19 | 1001150624 | 1 | Bracket, Hood | |
| 20 | 1001095650 | AR | Compound, Locking | |
| 21 | 3291001 | 1 | Nut, M10X1.5 | |
| 22 | 4811700 | 4 | Washer, M6 | |
| 23 | 0760608 | 4 | Bolt, M6X16 | |
| 24 | 1001180582J | 1 | Drain, Panel | |

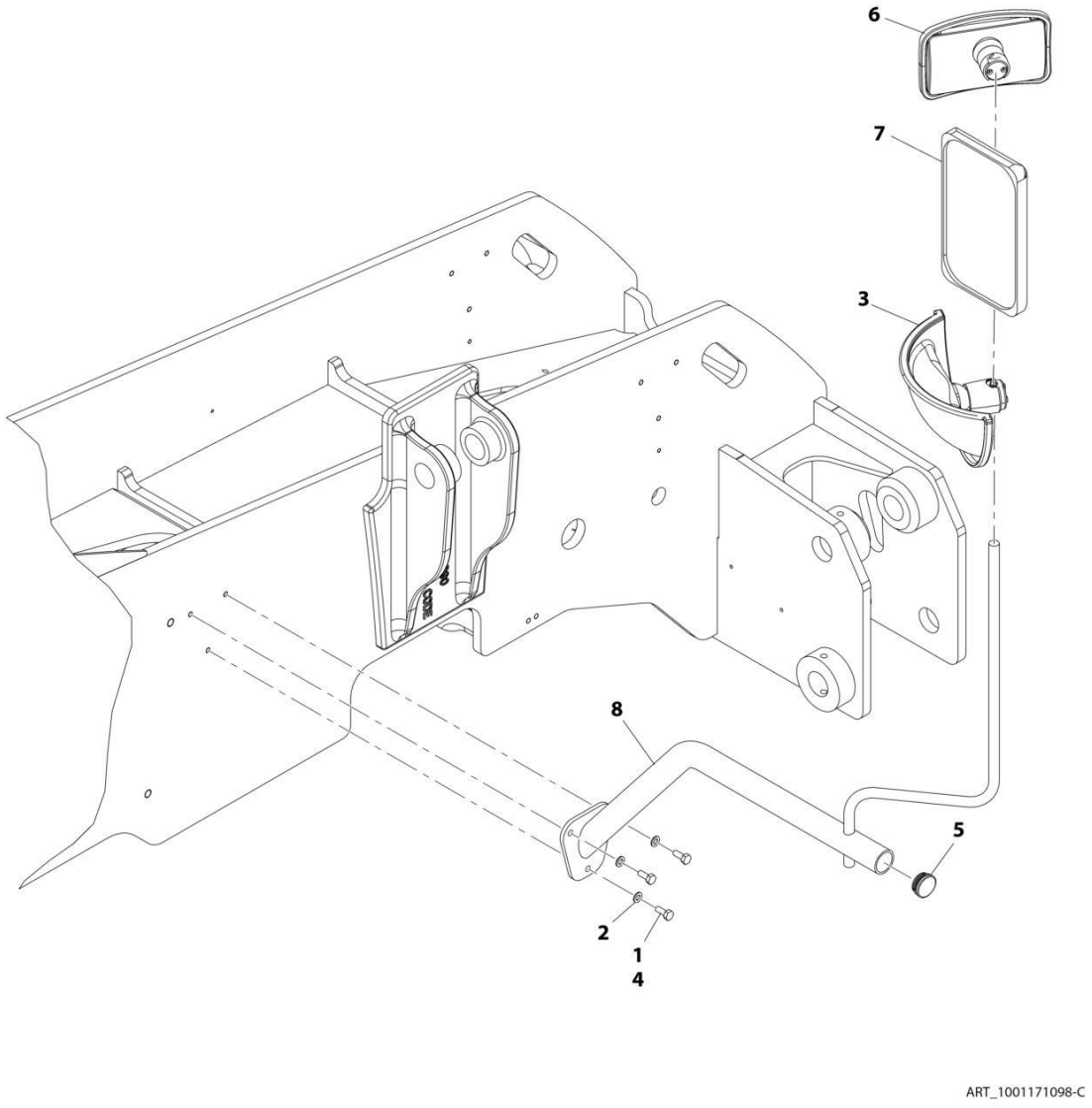
## FIGURE 1-11. MIRROR INSTALLATION - 3614RS



## FIGURE 1-11. MIRROR INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144111 | Ref | Mirror Installation - 3614RS | C |
| 1 | 0761012 | 3 | Bolt, M10X25 | |
| 2 | 4812000 | 3 | Washer, M10 | |
| 3 | 1001008436 | 1 | Mirror, (See MIRROR ASSEMBLY for Breakdown) | |
| 4 | 1001096913 | 1 | Cap, Lamp Bracket | |
| 5 | 1001150306 | 1 | Mirror, Convex | |
| 6 | 1001144430 | 1 | Bracket, Mirror | |
| 7 | 1001095650 | AR | Compound, Locking | |

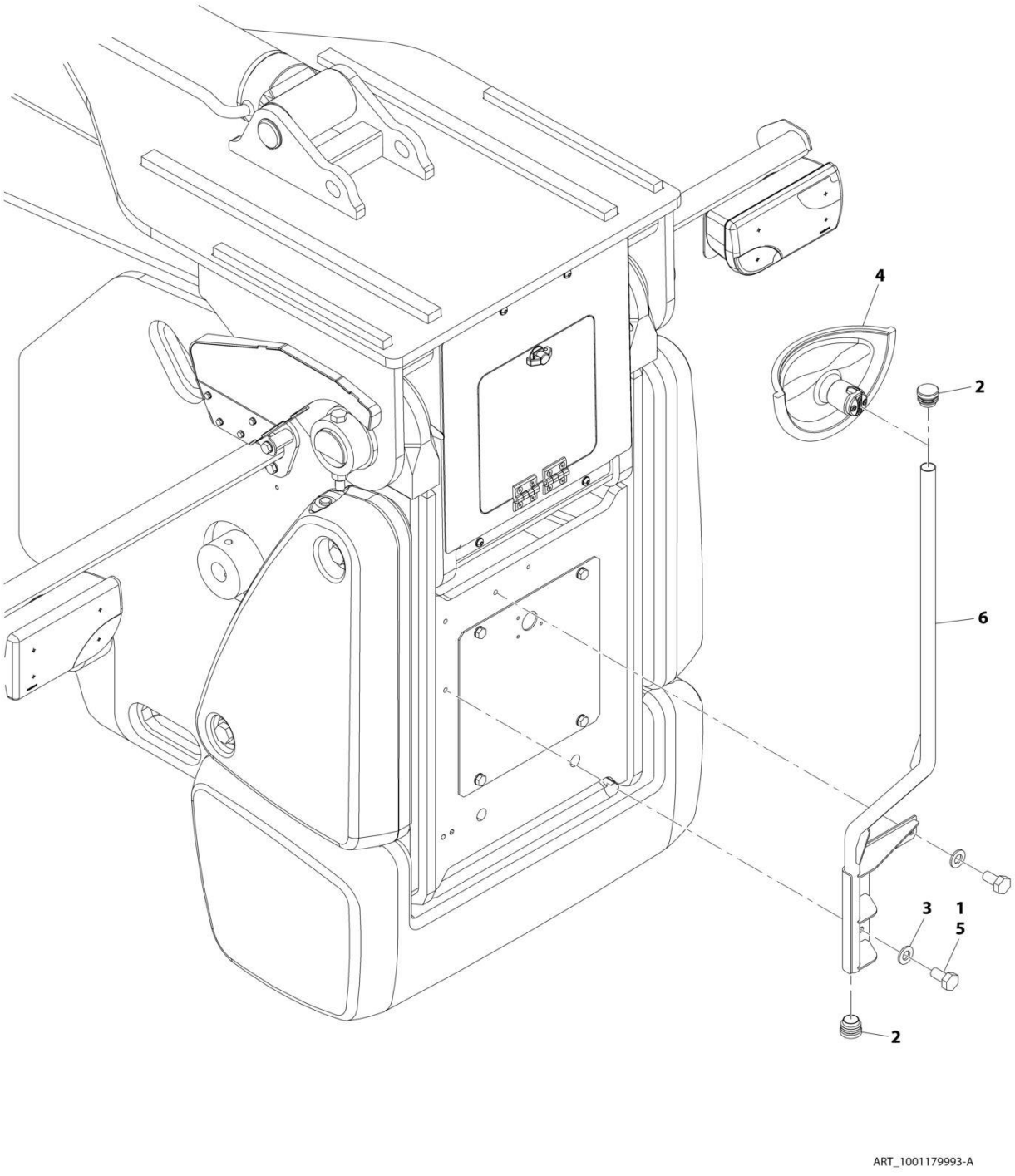
## FIGURE 1-12. MIRROR INSTALLATION - 4017RS



## FIGURE 1-12. MIRROR INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171098 | Ref | Mirror Installation - 4017RS | C |
| 1 | 0761012 | 3 | Bolt, M10X25 | |
| 2 | 4812000 | 3 | Washer, M10 | |
| 3 | 1001008436 | 1 | Assembly, Mirror (See MIRROR ASSEMBLY for Breakdown) | |
| 4 | 1001095650 | AR | Compound, Locking | |
| 5 | 1001096913 | 1 | Cap, Lamp Bracket | |
| 6 | 1001142724 | 1 | Mirror, Convex | |
| 7 | 1001150306 | 1 | Mirror, Convex | |
| 8 | 1001144430 | 1 | Bracket, Mirror | |

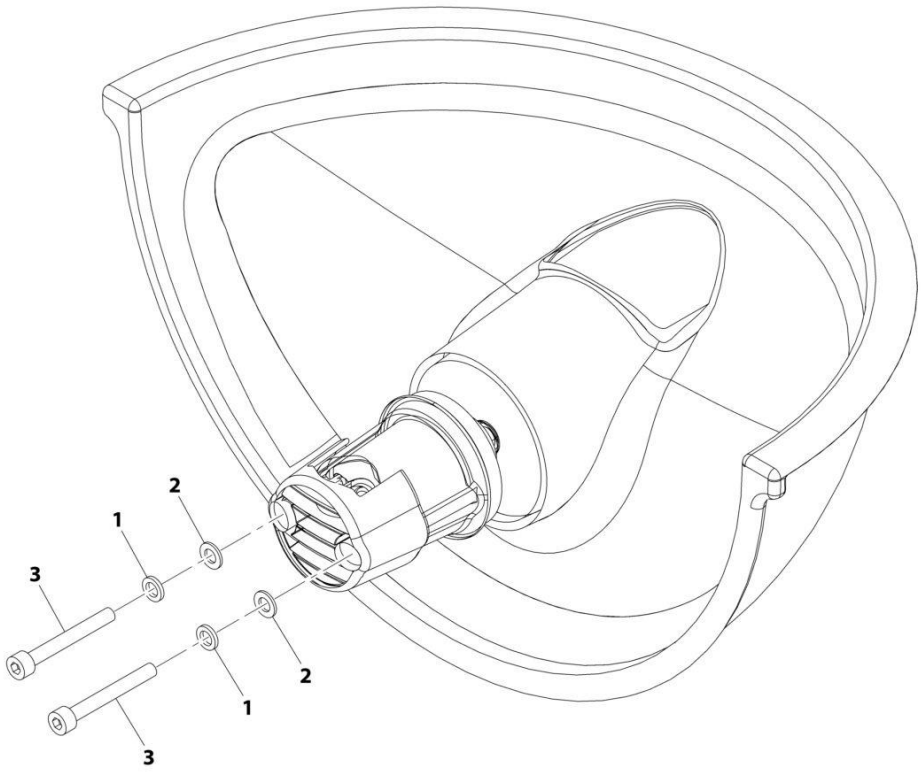
## FIGURE 1-13. REAR MIRROR INSTALLATION



## FIGURE 1-13. REAR MIRROR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179993 | Ref | Rear Mirror Installation | A |
| 1 | 0701010 | 3 | Screw, M10X20 | |
| 2 | 1120592 | 2 | Cap | |
| 3 | 4812000 | 3 | Washer, M10 | |
| 4 | 1001008436 | 1 | Assembly, Mirror (See MIRROR ASSEMBLY for Breakdown) | |
| 5 | 1001095650 | AR | Compound, Locking | |
| 6 | 1001179994 | 1 | Bracket | |

## FIGURE 1-14. MIRROR ASSEMBLY

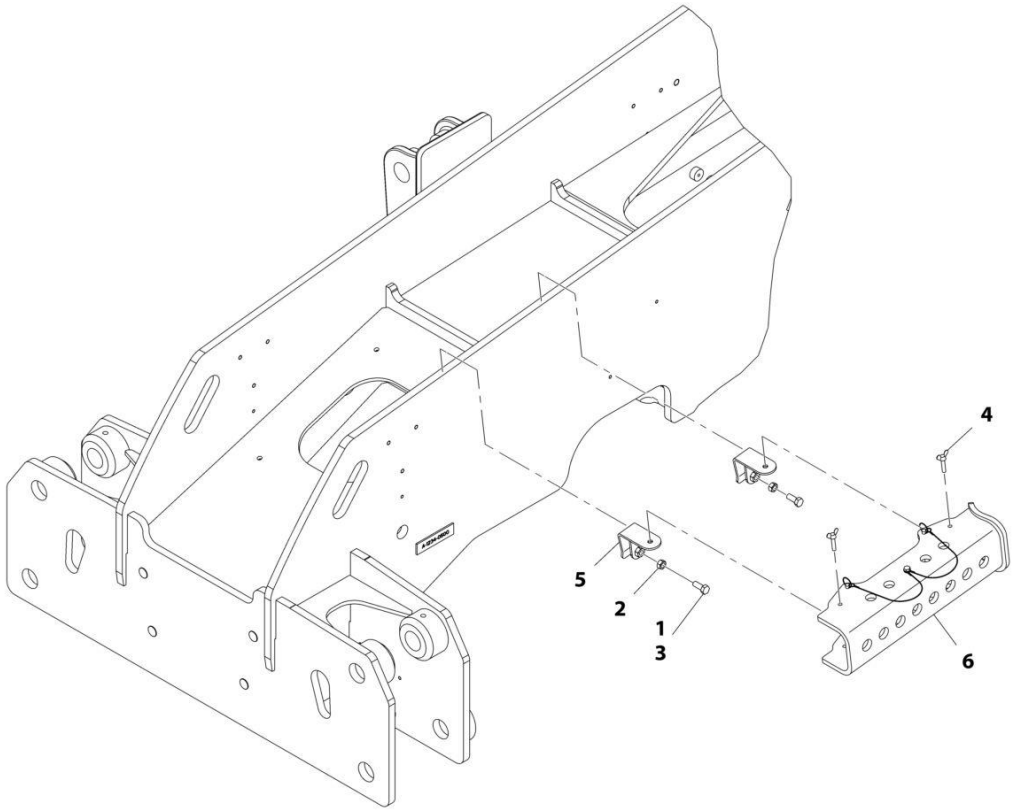



ART_1001008436-D

## FIGURE 1-14. MIRROR ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001008436 | 1 | Mirror Assembly | D |
| 1 | 1001008475 | 2 | Lockwasher, M12 | |
| 2 | 1001009062 | 2 | Washer | |
| 3 | 1001010838 | 2 | Bolt | |

## FIGURE 1-15. BOOM PROP INSTALLATION

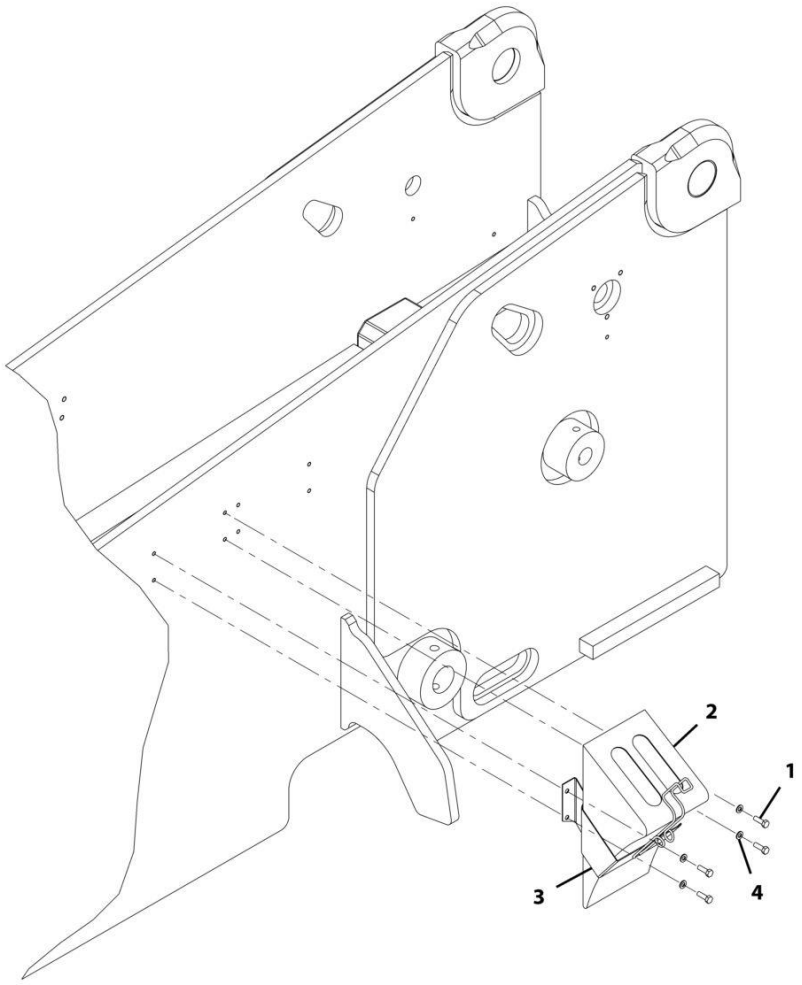



ART_1001164211-B

## FIGURE 1-15. BOOM PROP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001164211 | Ref | Boom Prop Installation | B |
| 1 | 0761214 | 2 | Bolt, M12X30 | |
| 2 | 3291201 | 2 | Nut, M12X1.75 | |
| 3 | 1001095650 | AR | Compound, Locking | |
| 4 | 1001101458 | 2 | Bolt, Wing M8X40 | |
| 5 | 1001101628 | 2 | Bracket, Boom Prop Mount | |
| 6 | 1001164018 | 1 | Bracket, Boom Prop | |

**FIGURE 1-16. WHEEL CHOCK INSTALLATION**

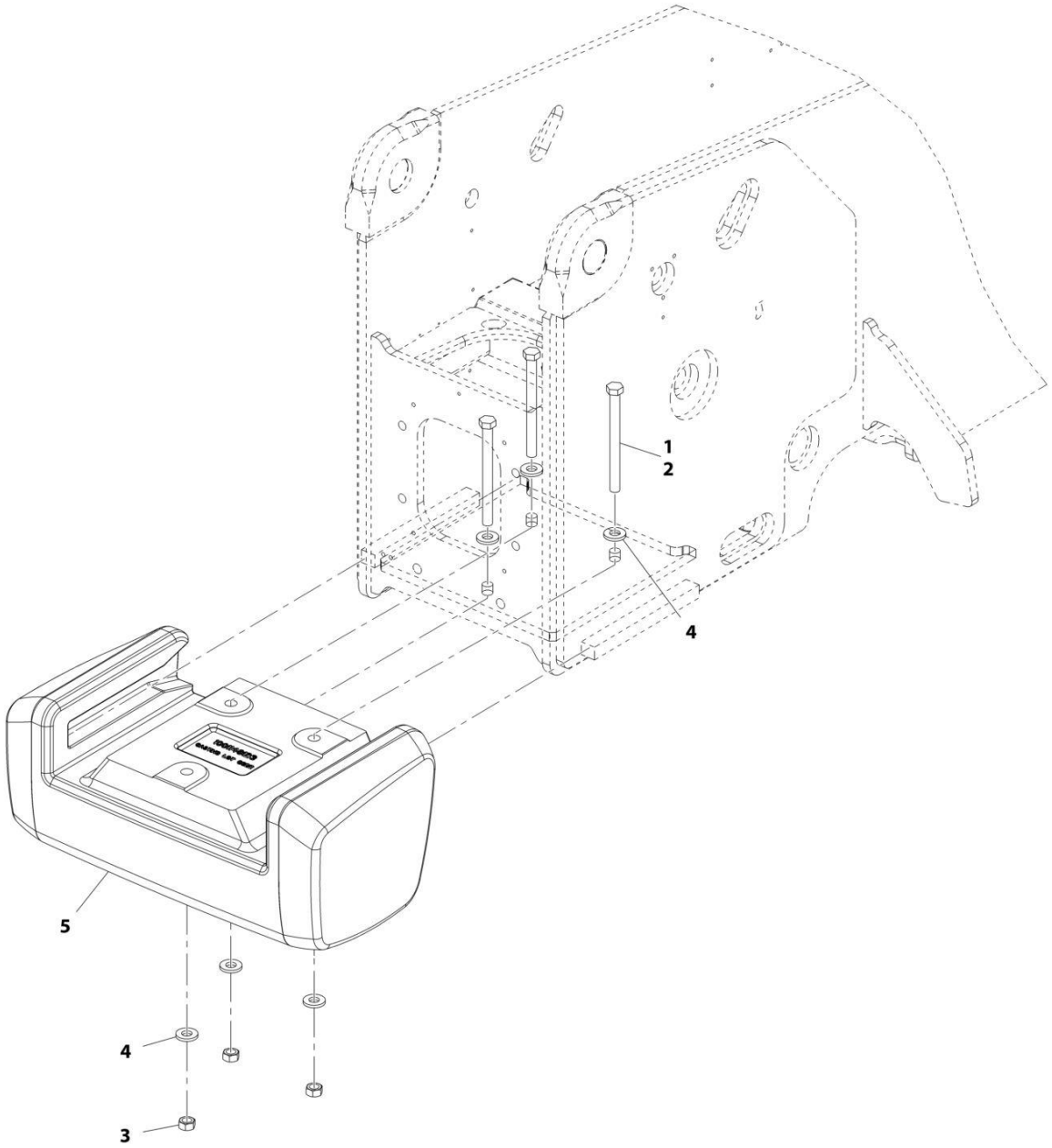



ART_1001157868-A

## FIGURE 1-16. WHEEL CHOCK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001157868 | Ref | Wheel Chock Installation | A |
| 1 | 0760812 | 4 | Bolt, M8X25 | |
| 2 | 806253 | 1 | Wedge | |
| 3 | 806264 | 1 | Holder, Wedge | |
| 4 | 4811900 | 4 | Washer, M8 | |

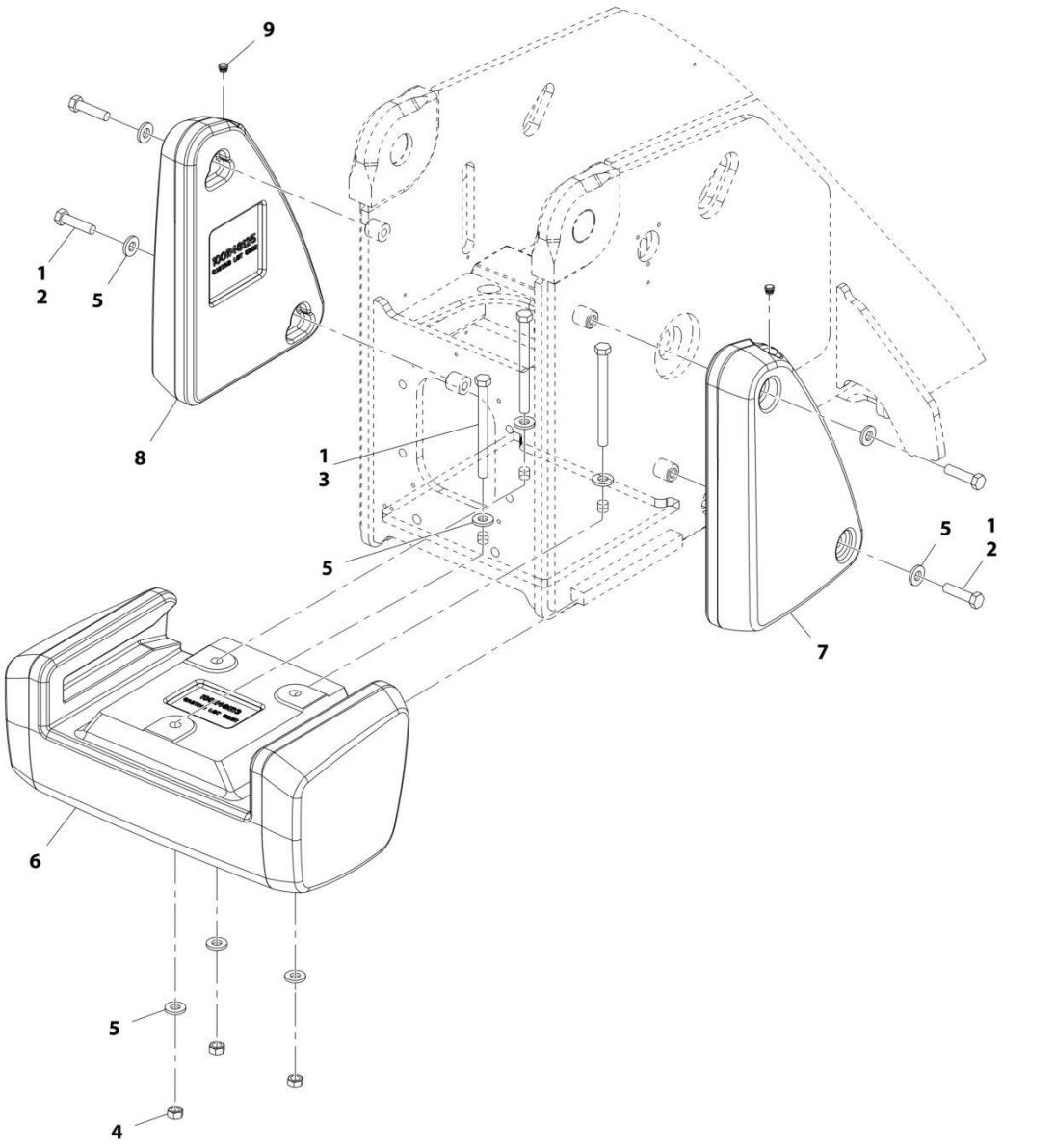
## FIGURE 1-17. COUNTERWEIGHT INSTALLATION - 3614RS



## FIGURE 1-17. COUNTERWEIGHT INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145545 | Ref | Counterweight Installation - 3614RS | B |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0712040 | 3 | Bolt, M20X230 | |
| 3 | 3332011 | 3 | Nut, M20X2.5 | |
| 4 | 1001009146 | 6 | Washer | |
| 5 | 1001148123J | 1 | Counterweight, Lower JLG | |

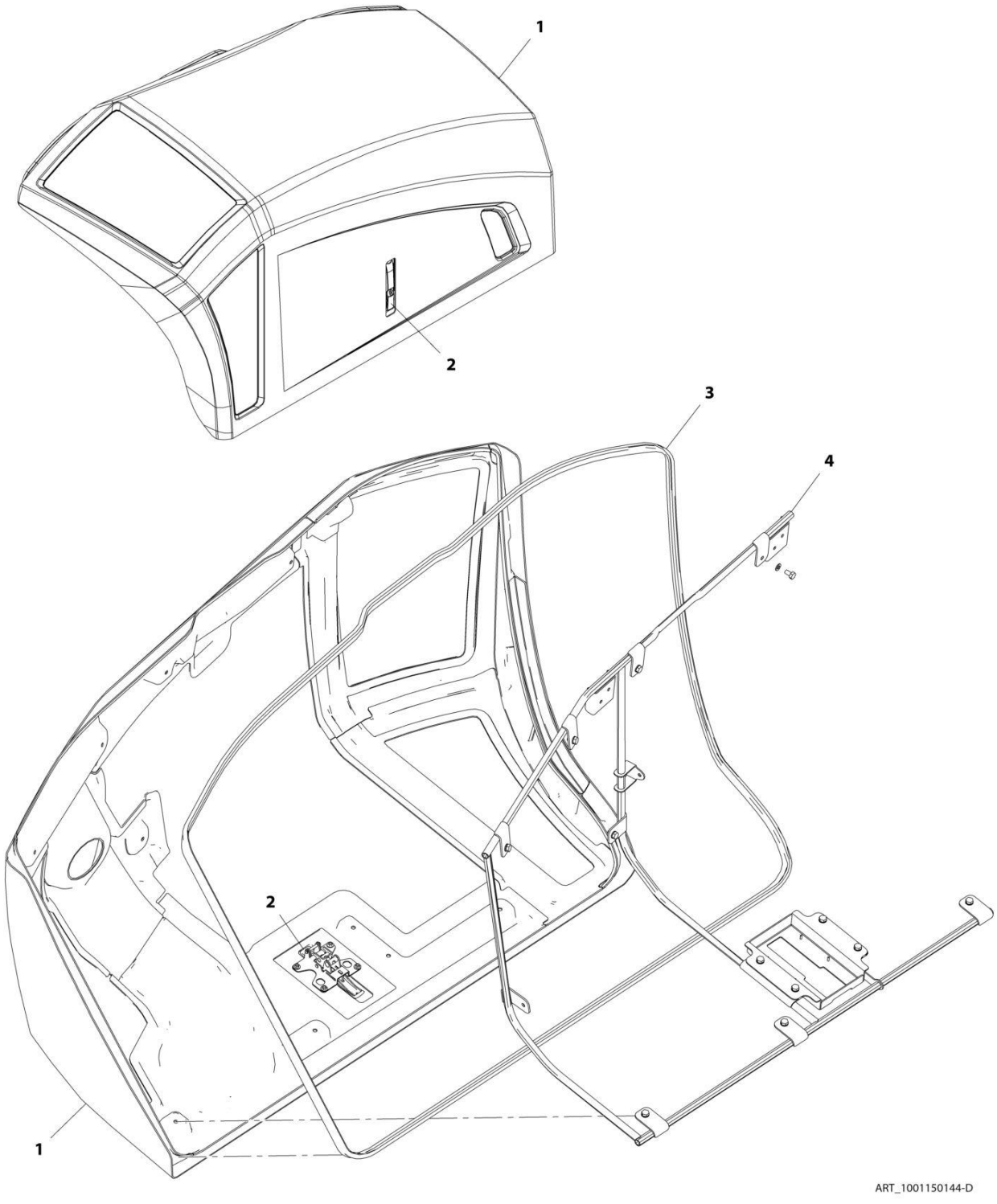
## FIGURE 1-18. COUNTERWEIGHT INSTALLATION - 4017RS



## FIGURE 1-18. COUNTERWEIGHT INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145546 | Ref | Counterweight Installation - 4017RS | D |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0712024 | 4 | Bolt, M20X80 | |
| 3 | 0712040 | 3 | Bolt, M20X230 | |
| 4 | 3332011 | 3 | Nut, M20X2.5 | |
| 5 | 1001009146 | 10 | Washer | |
| 6 | 1001148123J | 1 | Counterweight, Lower JLG | |
| 7 | 1001148124J | 1 | Counterweight, RH JLG | |
| 8 | 1001148125J | 1 | Counterweight, LH JLG | |
| 9 | 1001096914 | 2 | Cap | |

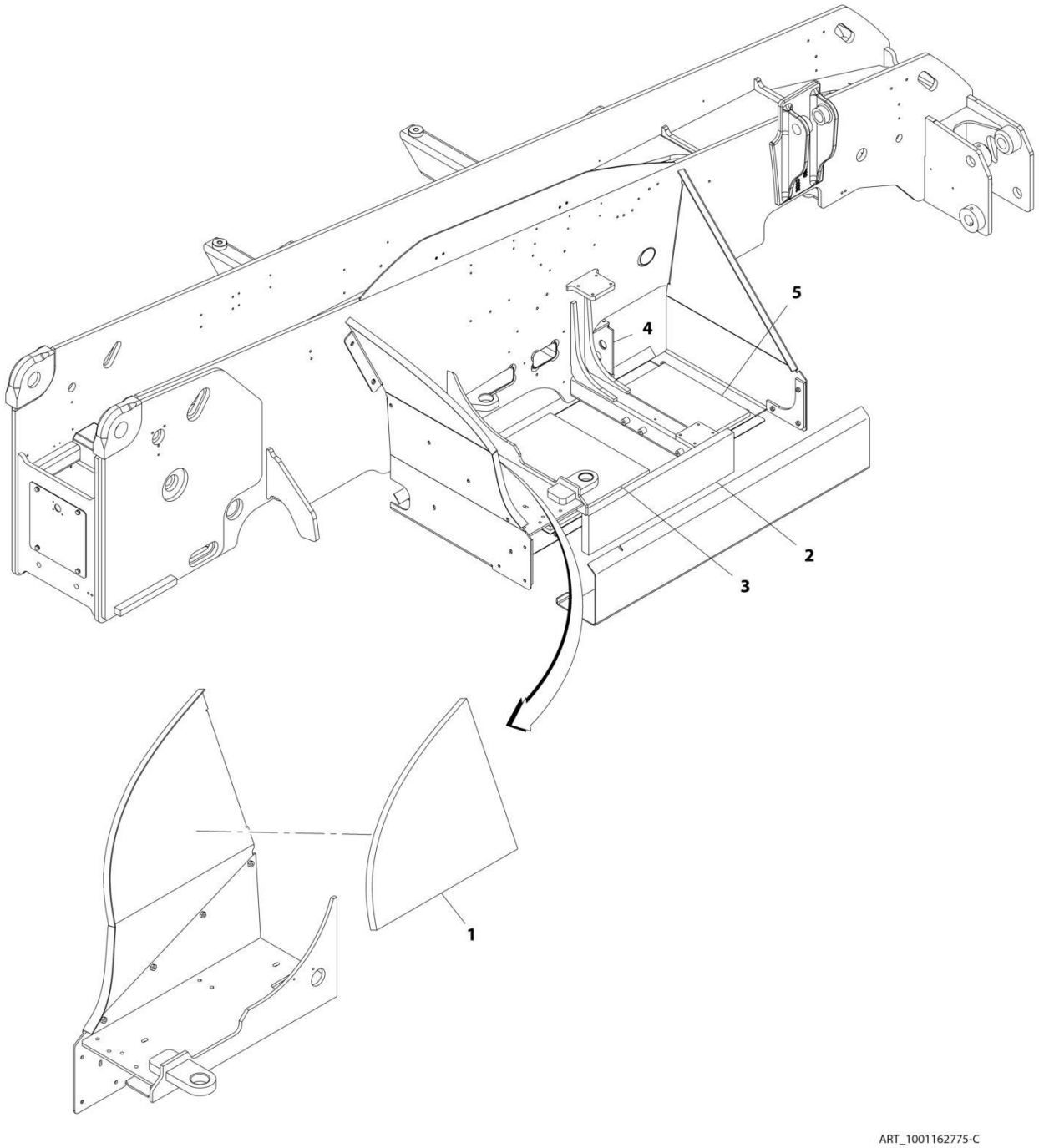
**FIGURE 1-19. HOOD ASSEMBLY**



## FIGURE 1-19. HOOD ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150144 | 1 | Hood Assembly | D |
| 1 | 70026744 | 1 | Hood | |
| 2 | 1001132873 | 1 | Latch, Hood | |
| 3 | 1001180728 | 1 | Seal | |
| 4 | 70025649 | 1 | Frame | |

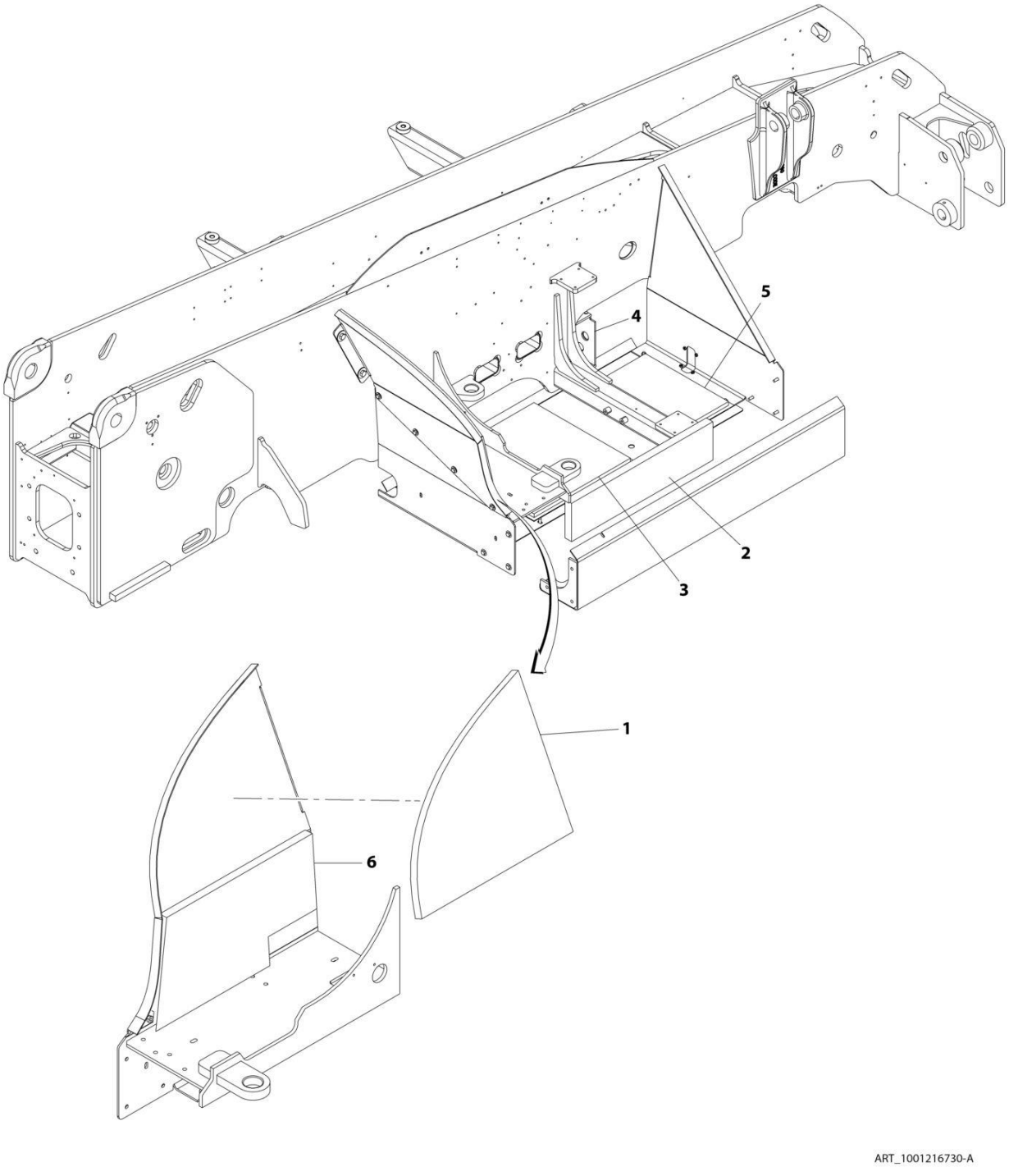
## FIGURE 1-20. SOUND SUPPRESSION INSTALLATION (LCAD, AFRICA AND MID EAST, PAC RIM)



## FIGURE 1-20. SOUND SUPPRESSION INSTALLATION (LCAD, AFRICA AND MID EAST, PAC RIM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001162775 | Ref | Sound Suppression Installation | C |
| 1 | 1001162776 | 1 | Insulate, Rear Panel Enclosure | |
| 2 | 1001162778 | 1 | Insulate, Side Skirt Enclosure | |
| 3 | 1001162779 | 1 | Insulate, Belly Pan Enclosure | |
| 4 | 1001162780 | 1 | Insulate, Transmission Cover | |
| 5 | 1001162872 | 1 | Insulate, Belly Pan Enclosure | |

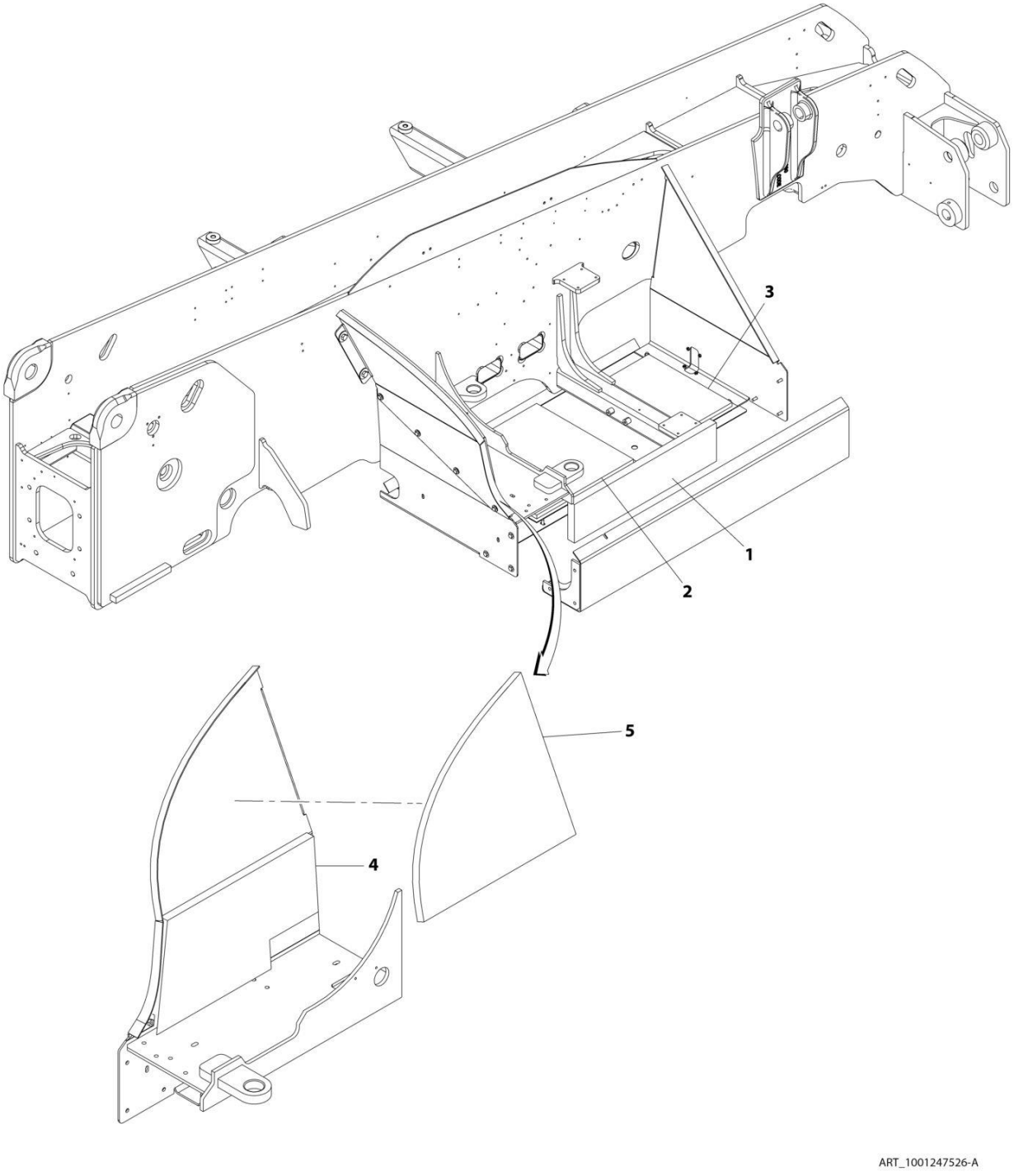
## FIGURE 1-21. SOUND SUPPRESSION INSTALLATION (EU, GERMANY, FRANCE, UK AND IRELAND)



## FIGURE 1-21. SOUND SUPPRESSION INSTALLATION (EU, GERMANY, FRANCE, UK AND IRELAND)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001216730 | Ref | Sound Suppression Installation | A |
| 1 | 1001215649 | 1 | Insulate, Rear Panel Enclosure | |
| 2 | 1001162778 | 1 | Insulate, Side Skirt Enclosure | |
| 3 | 1001162779 | 1 | Insulate, Belly Pan Enclosure | |
| 4 | 1001162780 | 1 | Insulate, Transmission Cover | |
| 5 | 1001162872 | 1 | Insulate, Belly Pan Enclosure | |
| 6 | 1001215331 | 1 | Insulate, Lower Rear Panel | |

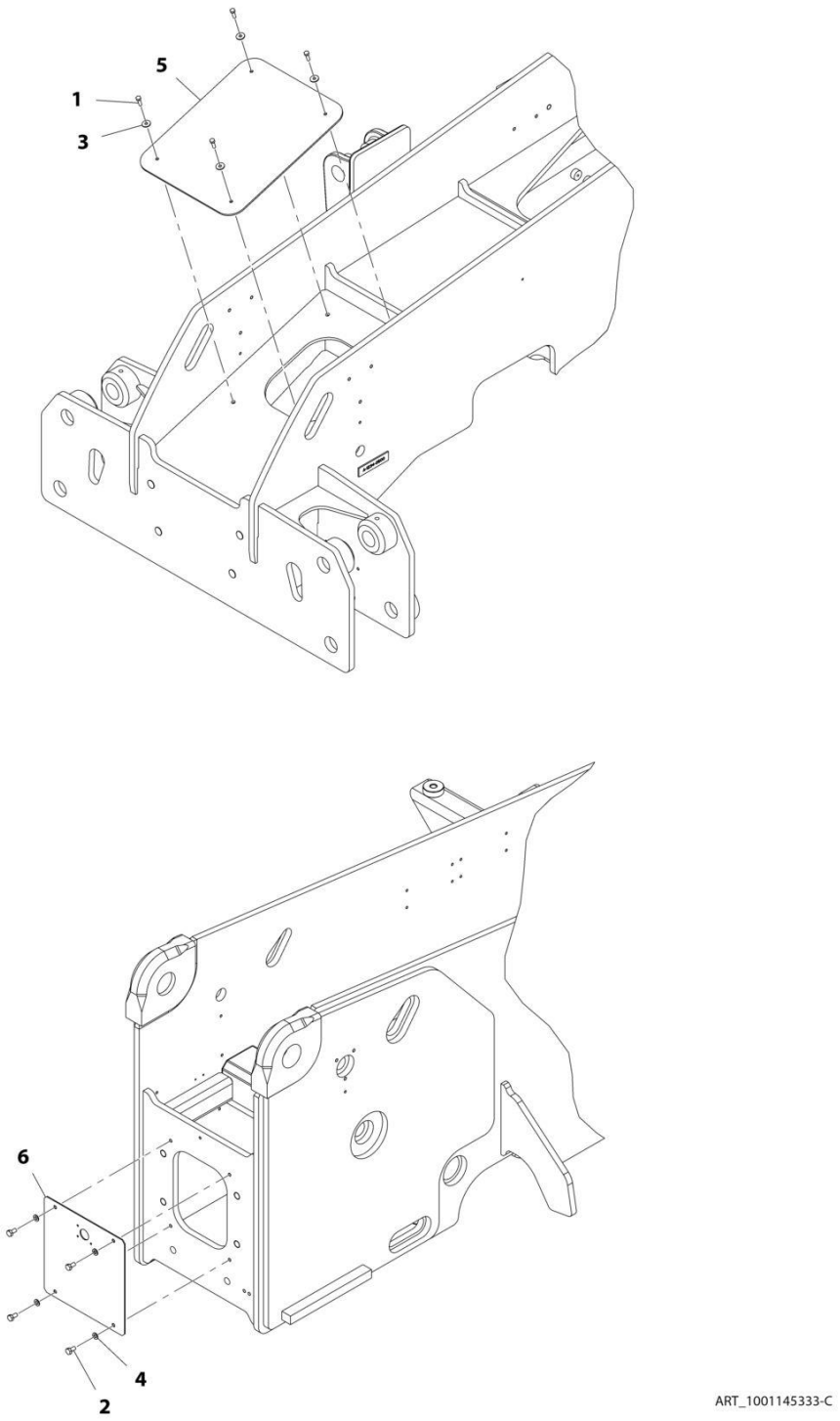
**FIGURE 1-22. SOUND SUPPRESSION INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 1-22. SOUND SUPPRESSION INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001247526 | Ref | Sound Suppression Installation | A |
| 1 | 1001162778 | 1 | Insulate, Side Skirt Enclosure | |
| 2 | 1001162779 | 1 | Insulate, Belly Pan Enclosure | |
| 3 | 1001162872 | 1 | Insulate, Belly Pan Enclosure | |
| 4 | 1001215331 | 1 | Insulate, LWR Rear Panel | |
| 5 | 1001215649 | 1 | Insulate, Rear Panel Enclosure | |

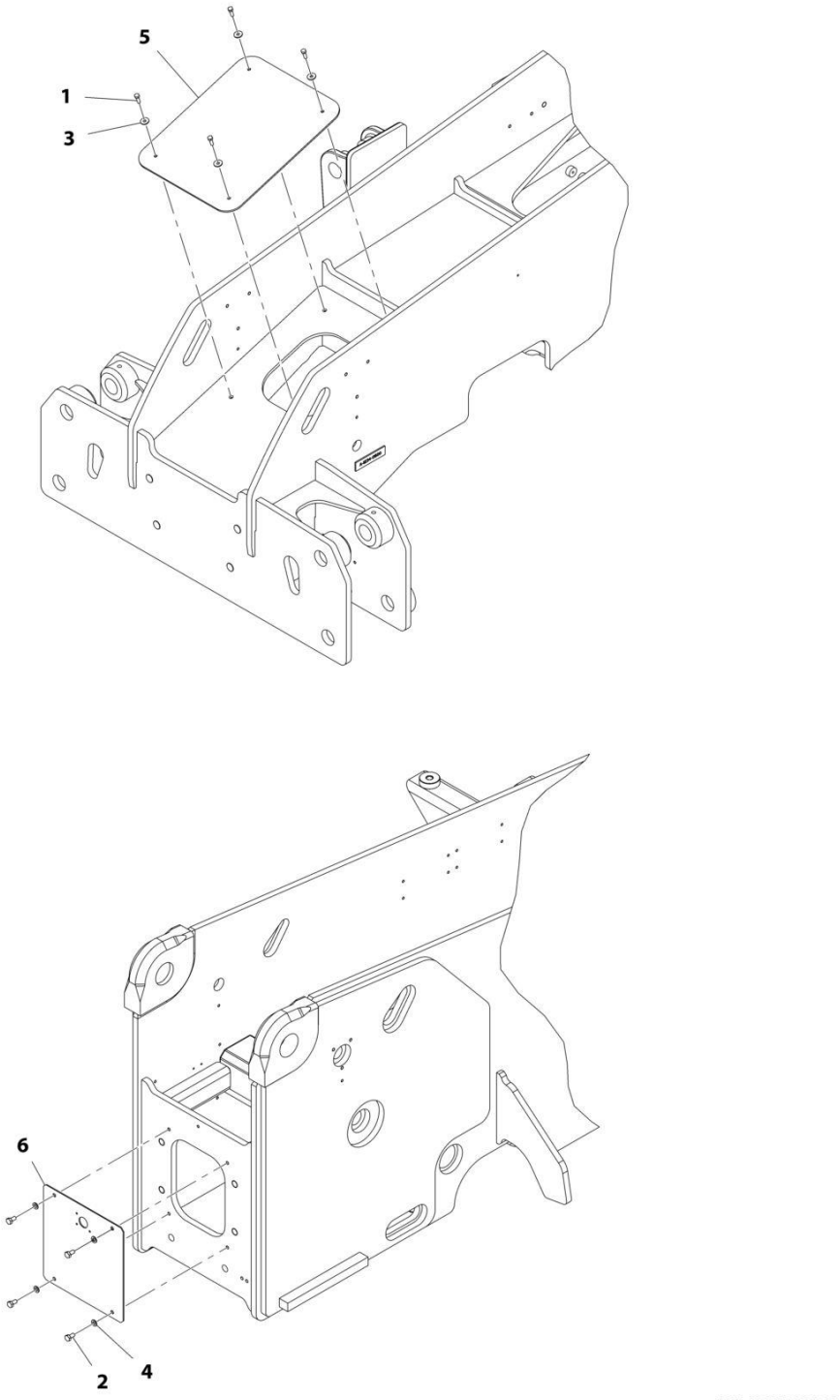
**FIGURE 1-23. CHASSIS COVER PLATE INSTALLATION - 3614RS**



## FIGURE 1-23. CHASSIS COVER PLATE INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145333 | Ref | Chassis Cover Plate Installation - 3614RS | C |
| 1 | 0760812 | 4 | Bolt, M8X25 | |
| 2 | 0761010 | 4 | Bolt, M10X20 | |
| 3 | 4811902 | 4 | Washer, M8 | |
| 4 | 4812000 | 4 | Washer, M10 | |
| 5 | 1001112130J | 1 | Plate, Cover | |
| 6 | 1001139272J | 1 | Plate, Access | |

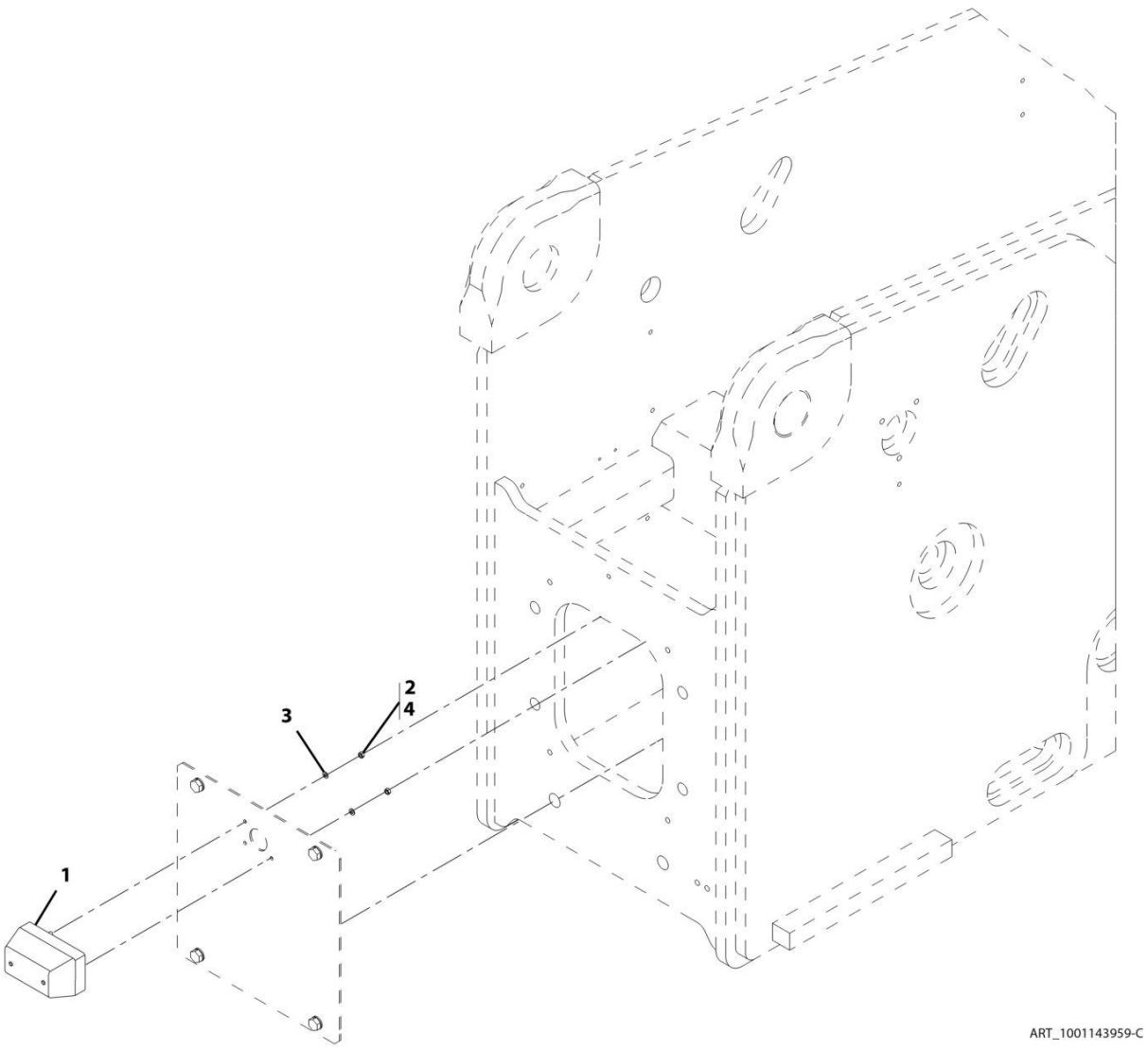
## FIGURE 1-24. CHASSIS COVER PLATE INSTALLATION - 4017RS



## FIGURE 1-24. CHASSIS COVER PLATE INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150350 | Ref | Chassis Cover Plate Installation - 4017RS | C |
| 1 | 0760812 | 4 | Bolt, M8X25 | |
| 2 | 0761010 | 4 | Bolt, M10X20 | |
| 3 | 4811902 | 4 | Washer, M8 | |
| 4 | 4812000 | 4 | Washer, M10 | |
| 5 | 1001112130J | 1 | Plate, Cover | |
| 6 | 1001139272J | 1 | Plate, Access | |

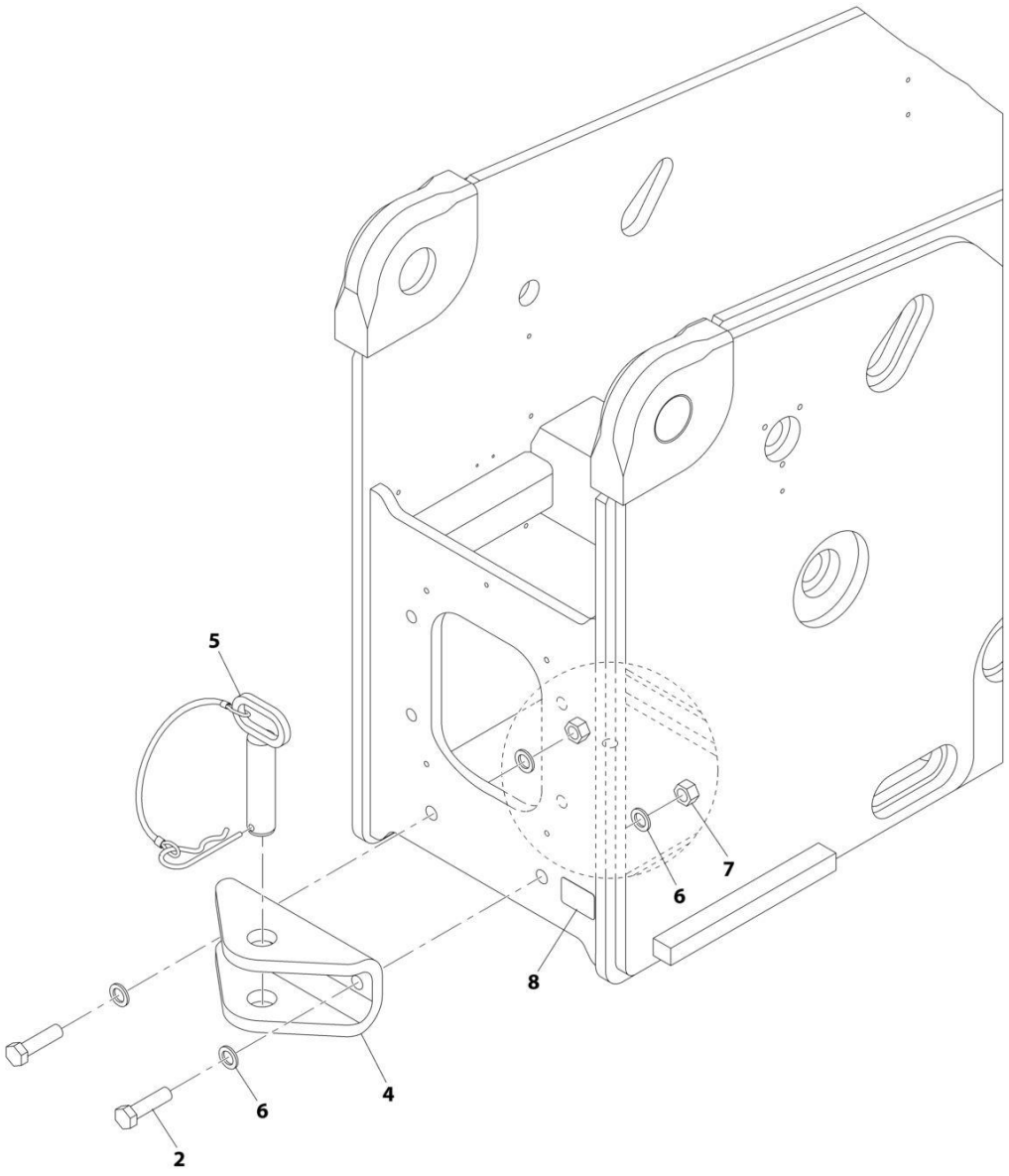
**FIGURE 1-25. LICENSE PLATE INSTALLATION**



## FIGURE 1-25. LICENSE PLATE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143959 | REF | License Plate Installation | C |
| 1 | 2920204 | 1 | Light, License Plate | |
| 1 | 70021341 | 1 | Bulb, 12V-5W | |
| 2 | 3290501 | 2 | Nut, M5X0.8 | |
| 3 | 4811600 | 2 | Washer, M5 | |
| 4 | 1001095650 | AR | Compound, Locking | |

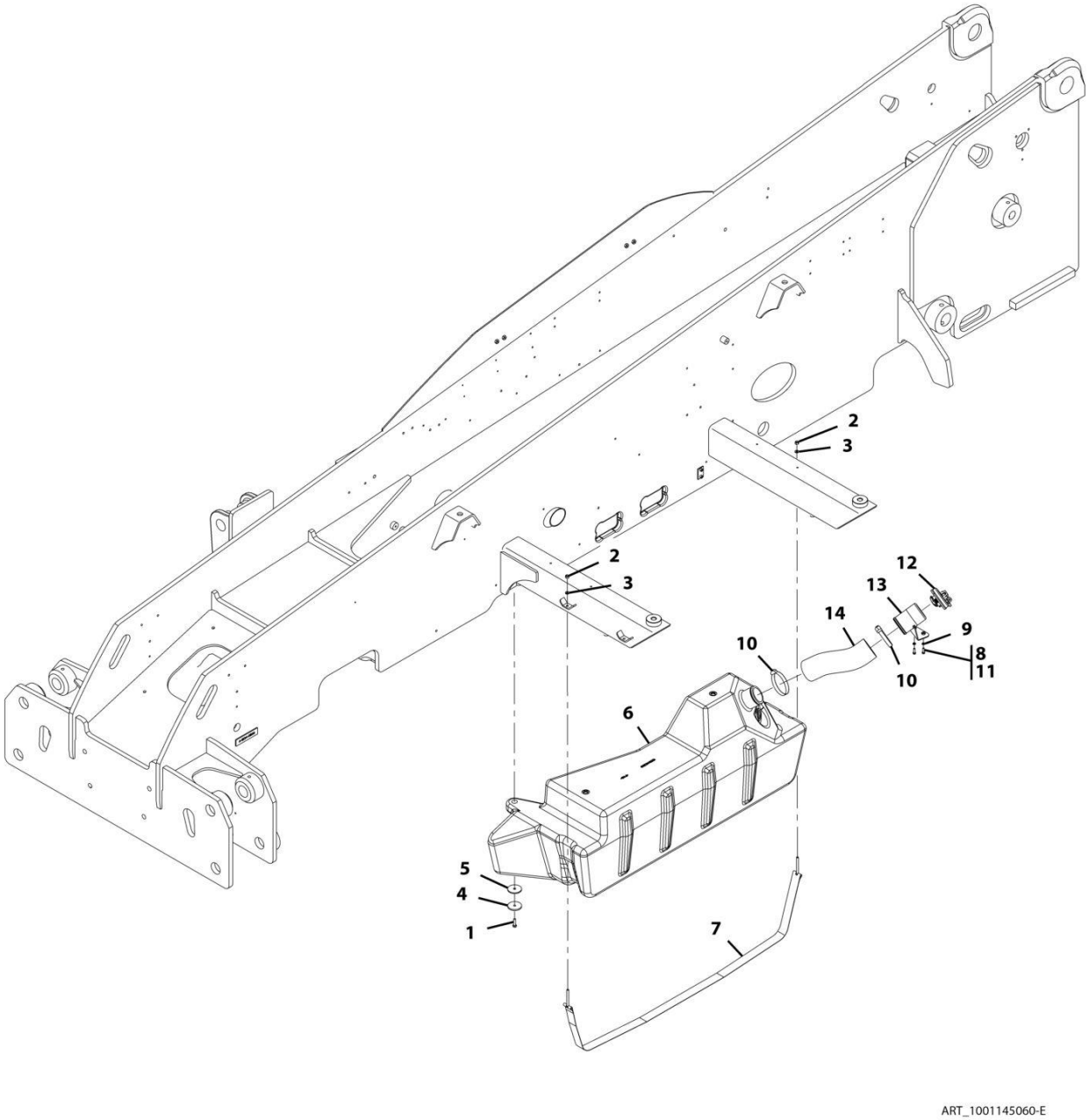
## FIGURE 1-26. RETRIEVAL HITCH



## FIGURE 1-26. RETRIEVAL HITCH

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145332 | Ref | Retrieval Hitch Installation | D |
| 2 | 1001151044 | 2 | Bolt, M20X75 | |
| 4 | 1001005134 | NLA | Hitch, Retrieval (no longer available, use 1001237489 for replacement) | |
| 4 | 1001237489 | 1 | Hitch, Retrieval | |
| 5 | 1001238877 | 1 | Hitch Pin (See Separate Breakdown in this Section) | |
| 6 | 1001009094 | 4 | Washer | |
| 7 | 1001009095 | 2 | Nut | |
| 8 | 1001241674 | 1 | Decal, Retrieval Point | |

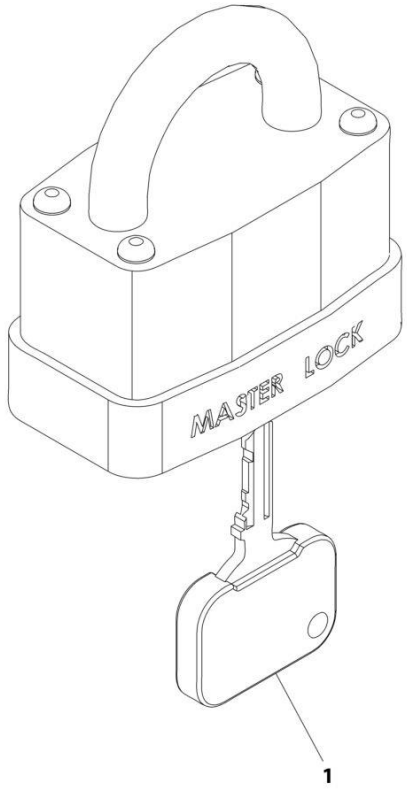
## FIGURE 1-27. HYDRAULIC TANK INSTALLATION



## FIGURE 1-27. HYDRAULIC TANK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145060 | Ref | Hydraulic Tank Installation | E |
| 1 | 0760814 | 1 | Bolt, M8X30 | |
| 2 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 3 | 4811900 | 2 | Washer, M8 | |
| 4 | 1001006259 | 1 | Washer | |
| 5 | 1001166897 | 1 | Washer | |
| 6 | 1001146380 | 1 | Tank, Hydraulic (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 7 | 1001147729 | 1 | Strap, Tank | |
| 8 | 0760610 | 2 | Bolt, M6X20 | |
| 9 | 4811700 | 2 | Washer, M6 | |
| 10 | 8410011 | 2 | Gear Clamp, 3.75 | |
| 11 | 1001095650 | AR | Compound, Locking | |
| 12 | 1001142659 | 1 | Cap, Hydraulic | |
| 13 | 1001151591 | 1 | Tube, Hydraulic Fill | |
| 14 | 1001155483 | 1 | Hose, Hydraulic Tank | |

**FIGURE 1-28. PAD LOCK**

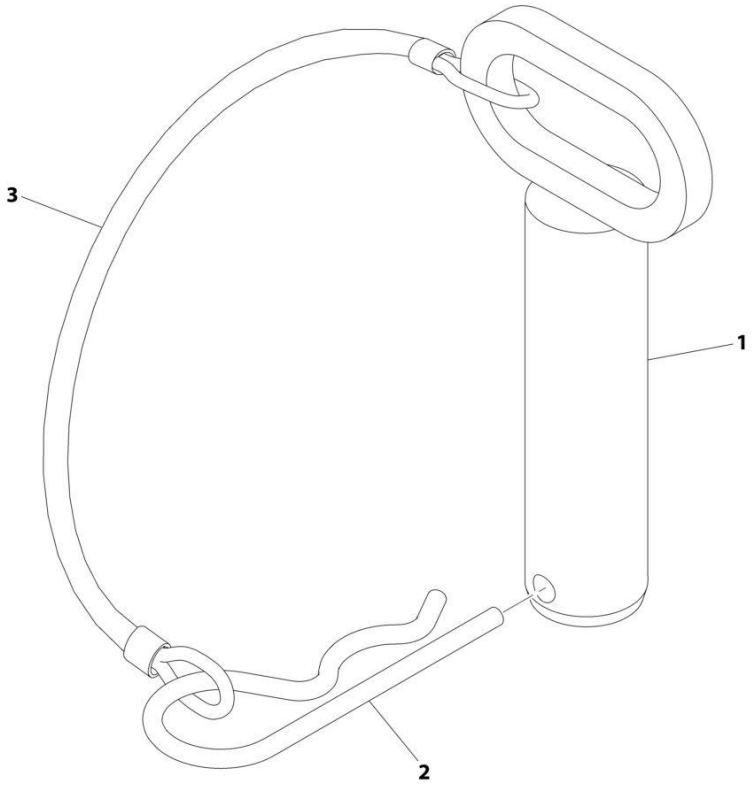



ART_1001102157-A

## FIGURE 1-28. PAD LOCK

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

## FIGURE 1-29. HITCH PIN ASSEMBLY



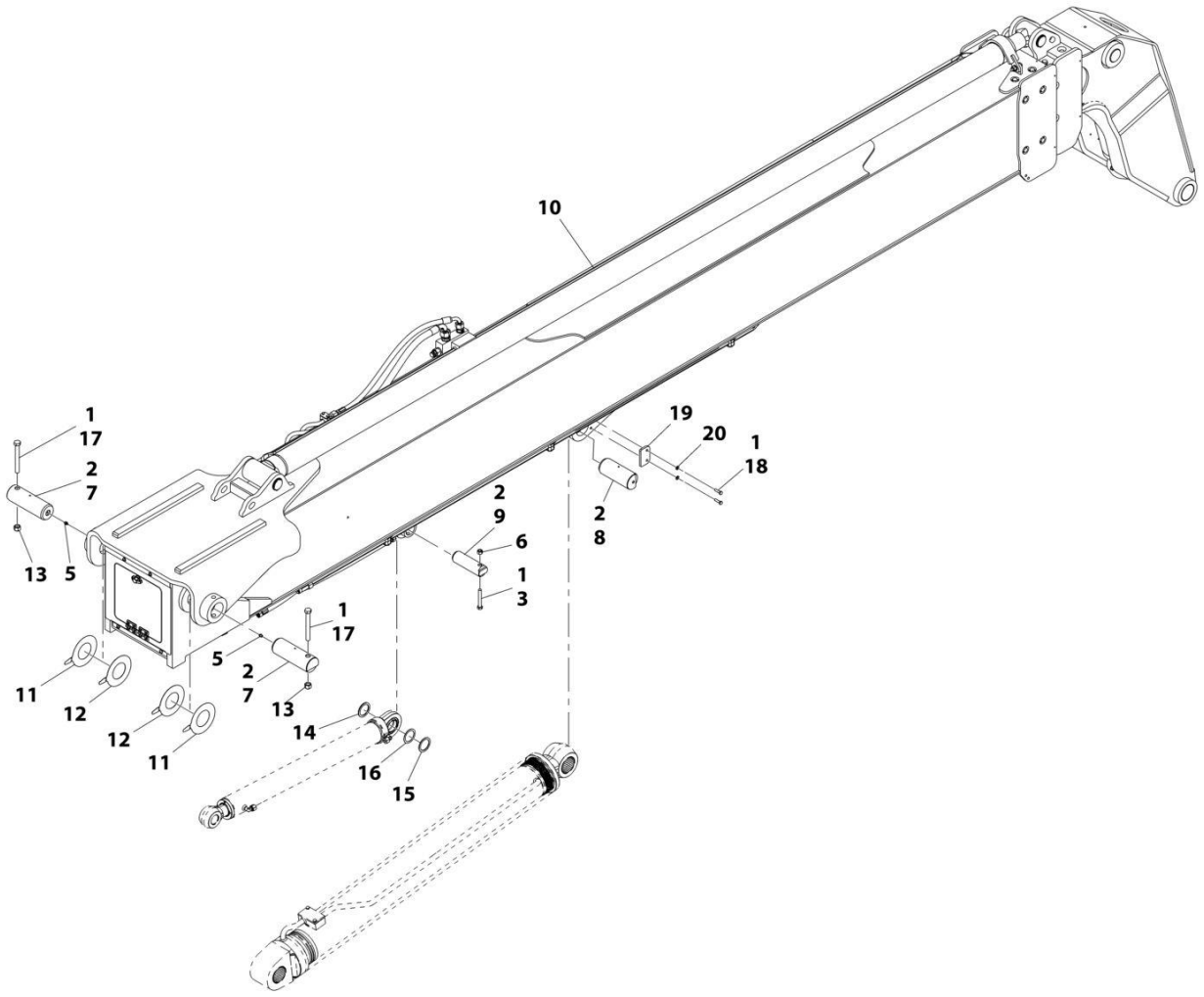

ART_1001238877-A

## FIGURE 1-29. HITCH PIN ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238877 | Ref | Hitch Pin Assembly | A |
| 1 | 1001005267 | 1 | Pin | |
| 2 | 1001238919 | 1 | Pin Cotter | |
| 3 | 1001238915 | 1 | Lanyard, Hitch Pin | |

# SECTION 2 - BOOM

## FIGURE 2-1. BOOM INSTALLATION - 3614RS (NO AUXILIARY HYDRAULICS)

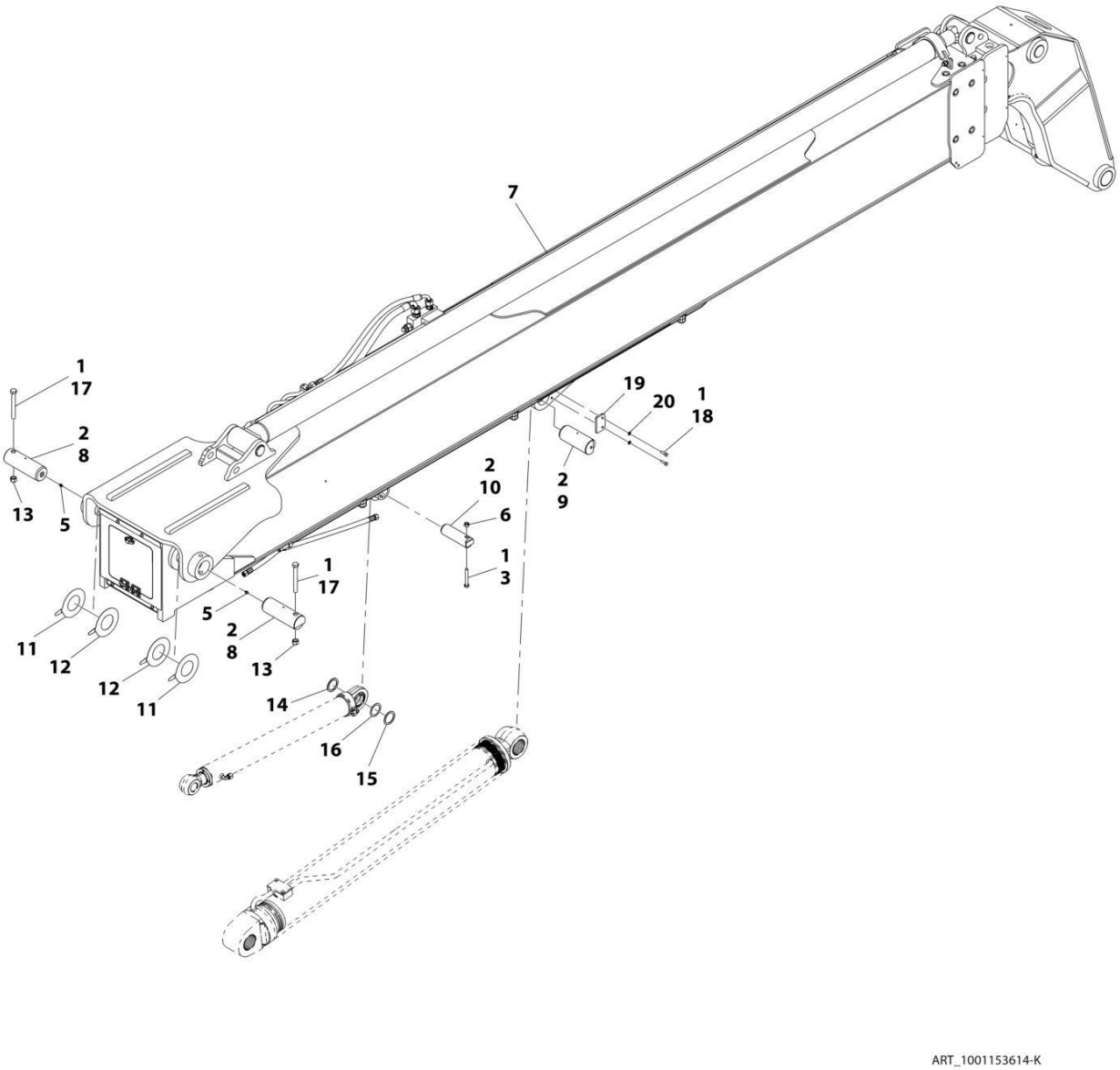



ART_1001153613-K

## FIGURE 2-1. BOOM INSTALLATION - 3614RS (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153613 | Ref | Boom Installation - 3614RS (no auxiliary hydraulics) | J |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 0711225 | 1 | Bolt, M12X85, Grade 10.9 | |
| 5 | 2160016 | 3 | Fitting, Grease | |
| 6 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 7 | 1001168549 | 2 | Pin | |
| 8 | 1001169068 | 1 | Pin, Lift | |
| 9 | 1001169040 | 1 | Pin, Compensation | |
| 10 | 1001148523 | Ref | Assembly, Boom (See BOOM ASSEMBLY - 3614RS (NO AUXILIARY HYDRAULICS) for Breakdown) | |
| 11 | 1001169049 | 2 | Shim, 0.5 | |
| 12 | 1001169048 | 2 | Shim, 1 | |
| 13 | 3291605 | 2 | Nut, Lock, M16X2 | |
| 14 | 1001155958 | AR | Shim, 3 | |
| 15 | 1001155959 | AR | Shim, 2 | |
| 16 | 1001155960 | AR | Shim, 1 | |
| 17 | 0701631 | 2 | Bolt, M16X140, Grade 10.9 | |
| 18 | 0700814 | 4 | Bolt, M8X30 | |
| 19 | 1001184996 | 2 | Plate, Pin Keeper | |
| 20 | 4811900 | 4 | Washer, M8 | |

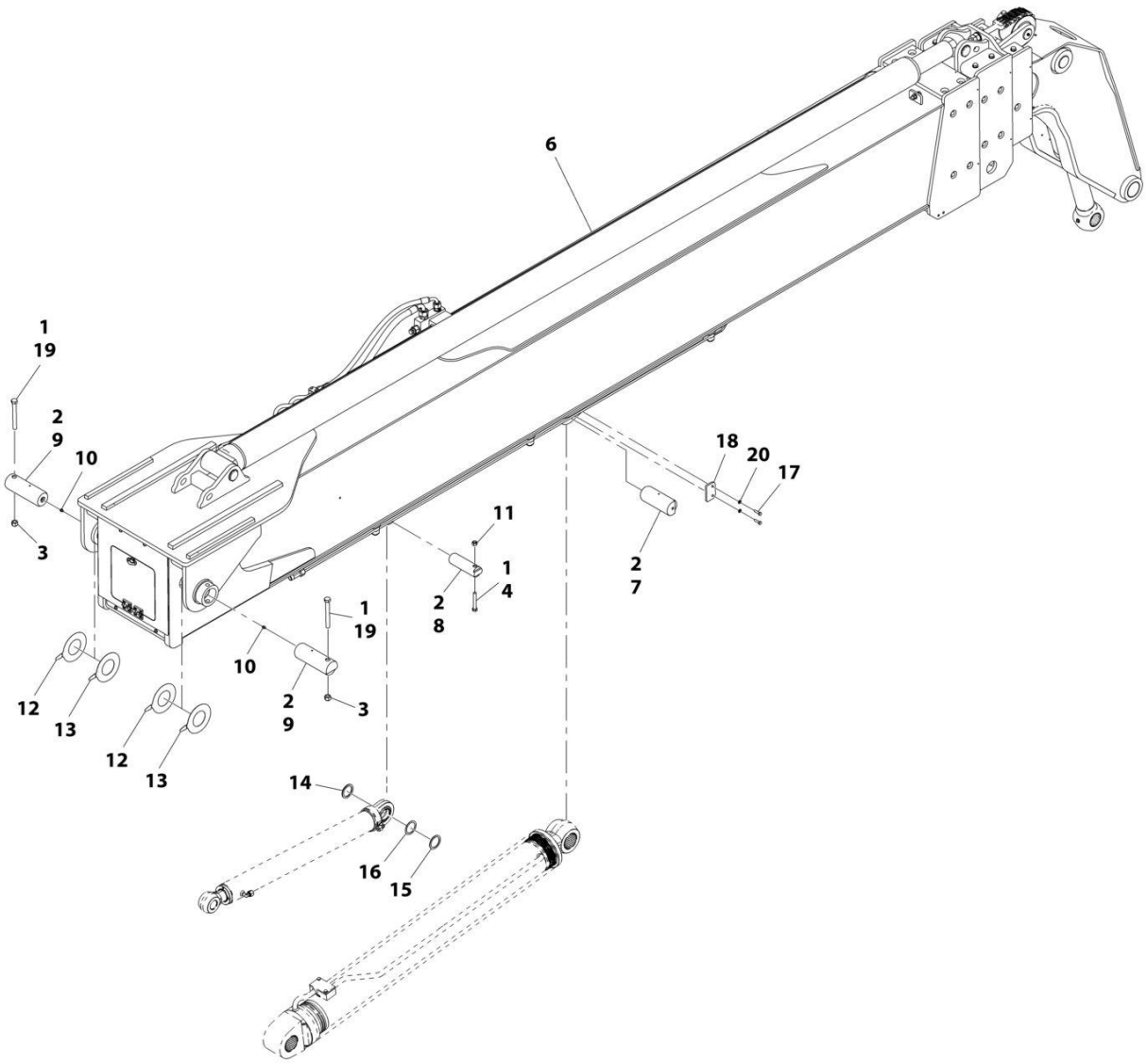
## FIGURE 2-2. BOOM INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)



## FIGURE 2-2. BOOM INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153614 | Ref | Boom Installation - 3614RS (auxiliary hydraulics) | J |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 0711225 | 1 | Bolt, M12X85, Grade 10.9 | |
| 5 | 2160016 | 3 | Fitting, Grease | |
| 6 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 7 | 1001144747 | Ref | Assembly, Boom (See BOOM ASSEMBLY - 3614RS (AUXILIARY HYDRAULICS) for Breakdown) | |
| 8 | 1001168549 | 2 | Pin | |
| 9 | 1001169068 | 1 | Pin, Lift | |
| 10 | 1001169040 | 1 | Pin, Compensation | |
| 11 | 1001169049 | 2 | Shim, 0.5 | |
| 12 | 1001169048 | 2 | Shim, 1 | |
| 13 | 3291605 | 2 | Nut, Lock, M16X2 | |
| 14 | 1001155958 | AR | Shim, 3 | |
| 15 | 1001155959 | AR | Shim, 2 | |
| 16 | 1001155960 | AR | Shim, 1 | |
| 17 | 0711631 | 2 | Bolt, M16X140, Grade 10.9 | |
| 18 | 0700814 | 4 | Bolt, M8X30 | |
| 19 | 1001184996 | 2 | Plate, Pin Keeper | |
| 20 | 4811900 | 4 | Washer, M8 | |

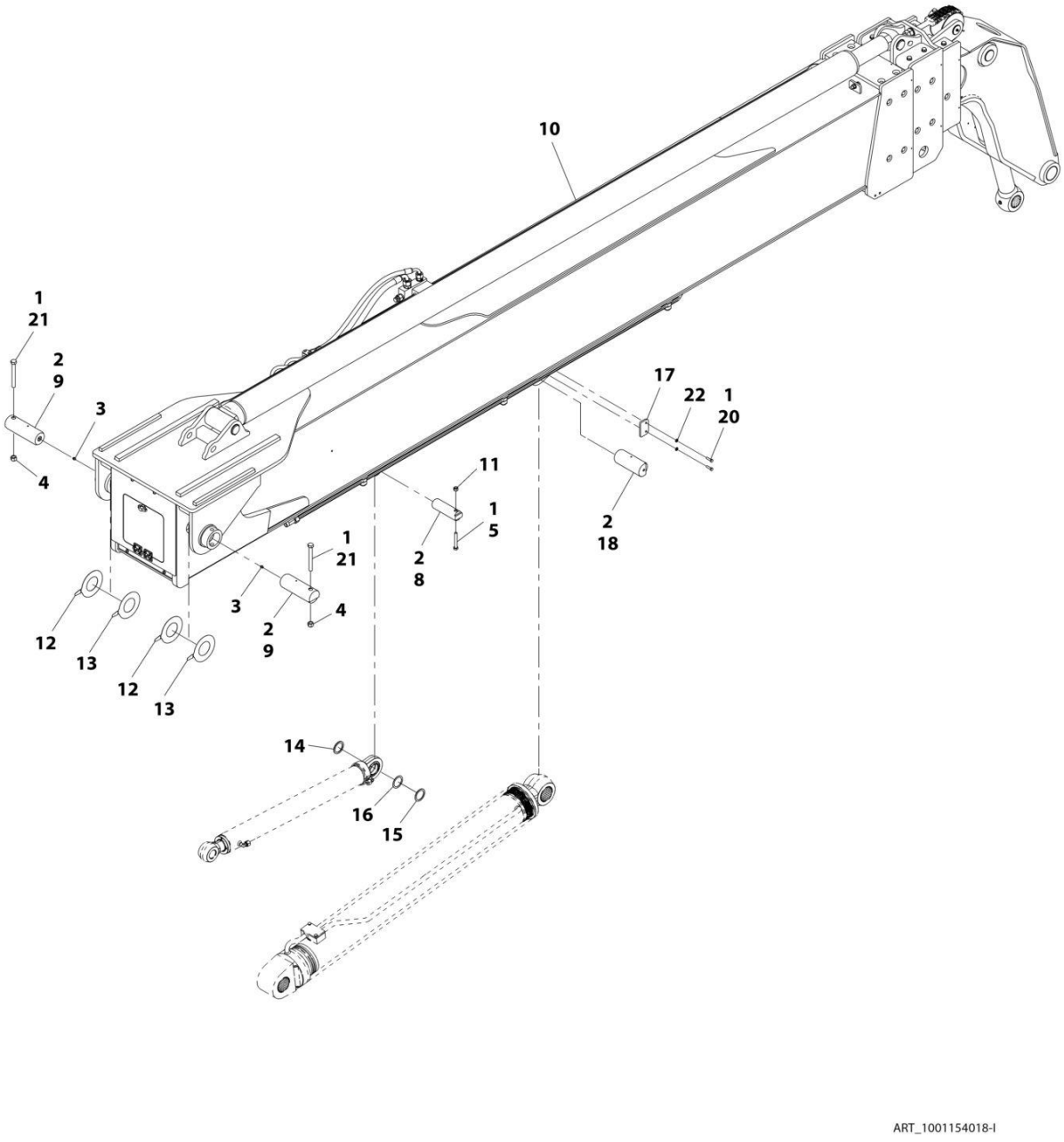
## FIGURE 2-3. BOOM INSTALLATION - 4017RS (NO AUXILIARY HYDRAULICS)



## FIGURE 2-3. BOOM INSTALLATION - 4017RS (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001154017 | Ref | Boom Installation - 4017RS (no auxiliary hydraulics) | H |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 3291605 | 2 | Nut, Lock, M16X2 | |
| 4 | 0711225 | 1 | Bolt, M12X85, Grade 10.9 | |
| 6 | 1001144686 | 1 | Assembly, Boom (See BOOM ASSEMBLY - 4017RS (NO AUXILIARY HYDRAULICS) for Breakdown) | |
| 7 | 1001169068 | 1 | Pin, Lift | |
| 8 | 1001169040 | 1 | Pin, Compensation | |
| 9 | 1001168593 | 2 | Pin | |
| 10 | 2160016 | 3 | Fitting, Grease | |
| 11 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 12 | 1001169049 | AR | Shim, 0.5 | |
| 13 | 1001169048 | AR | Shim, 1 | |
| 14 | 1001155958 | AR | Shim, 3 | |
| 15 | 1001155959 | AR | Shim, 2 | |
| 16 | 1001155960 | AR | Shim, 1 | |
| 17 | 0700814 | 4 | Bolt, M8X30 | |
| 18 | 1001184996 | 2 | Plate, Pin Keeper | |
| 19 | 0711631 | 2 | Bolt, M16X140, Grade 10.9 | |
| 20 | 4811900 | 4 | Washer, M8 | |

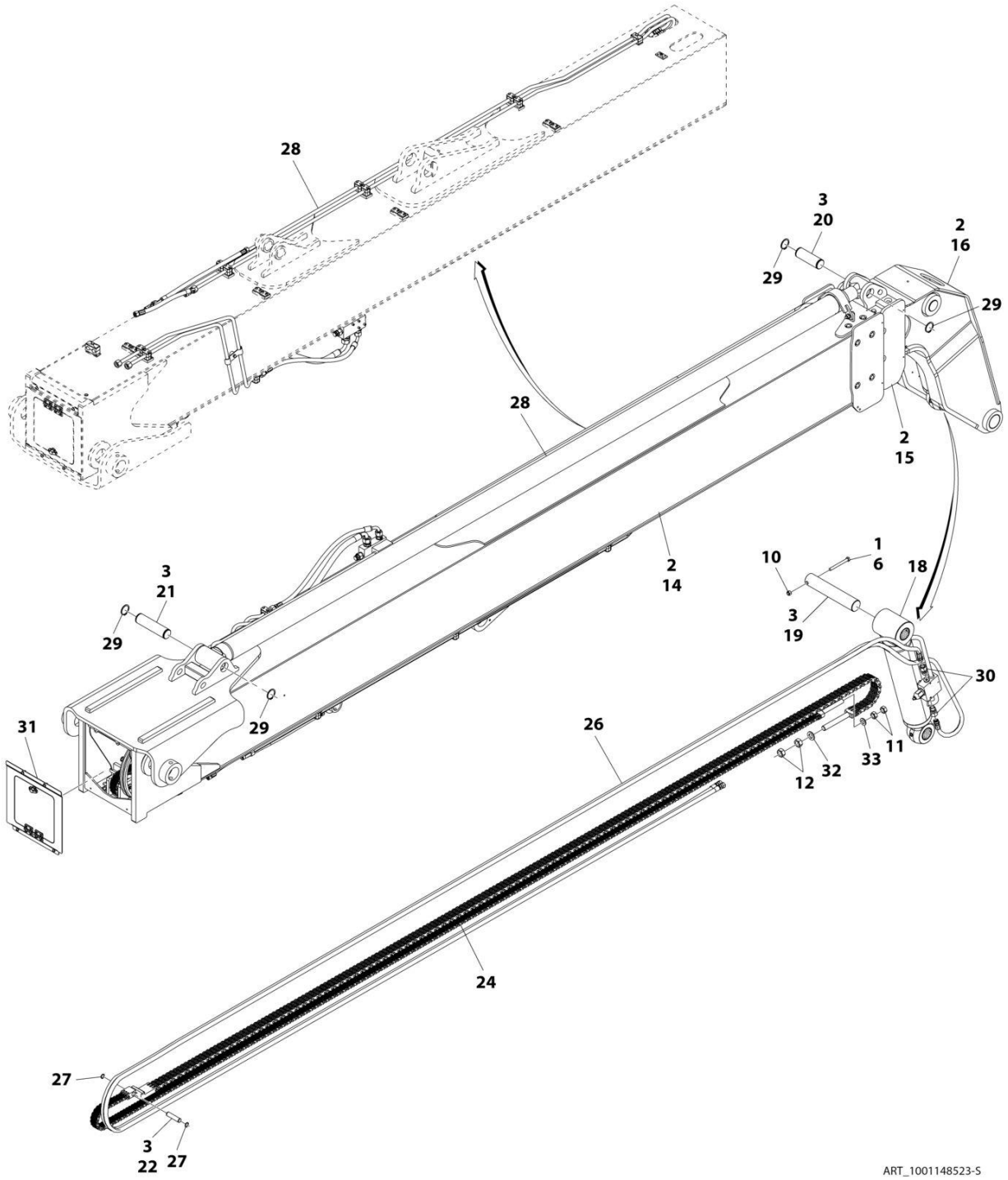
## FIGURE 2-4. BOOM INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)



## FIGURE 2-4. BOOM INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001154018 | Ref | Boom Installation - 4017RS (auxiliary hydraulics) | H |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 2160016 | 3 | Fitting, Grease | |
| 4 | 3291605 | 2 | Nut, Lock, M16X2 | |
| 5 | 0711225 | 1 | Bolt, M12X85, Grade 10.9 | |
| 8 | 1001169040 | 1 | Pin, Compensation | |
| 9 | 1001168593 | 2 | Pin | |
| 10 | 1001149547 | 1 | Assembly, Boom (See BOOM ASSEMBLY - 4017RS (AUXILIARY HYDRAULICS) for Breakdown) | |
| 11 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 12 | 1001169049 | AR | Shim, 0.5 | |
| 13 | 1001169048 | AR | Shim, 1 | |
| 14 | 1001155958 | AR | Shim, 3 | |
| 15 | 1001155959 | AR | Shim, 2 | |
| 16 | 1001155960 | AR | Shim, 1 | |
| 17 | 1001184996 | 2 | Plate, Pin Keeper | |
| 18 | 1001169068 | 1 | Pin, Lift | |
| 20 | 0700814 | 4 | Bolt, M8X30 | |
| 21 | 0711631 | 2 | Bolt, M16X140, Grade 10.9 | |
| 22 | 4811900 | 4 | Washer, M8 | |

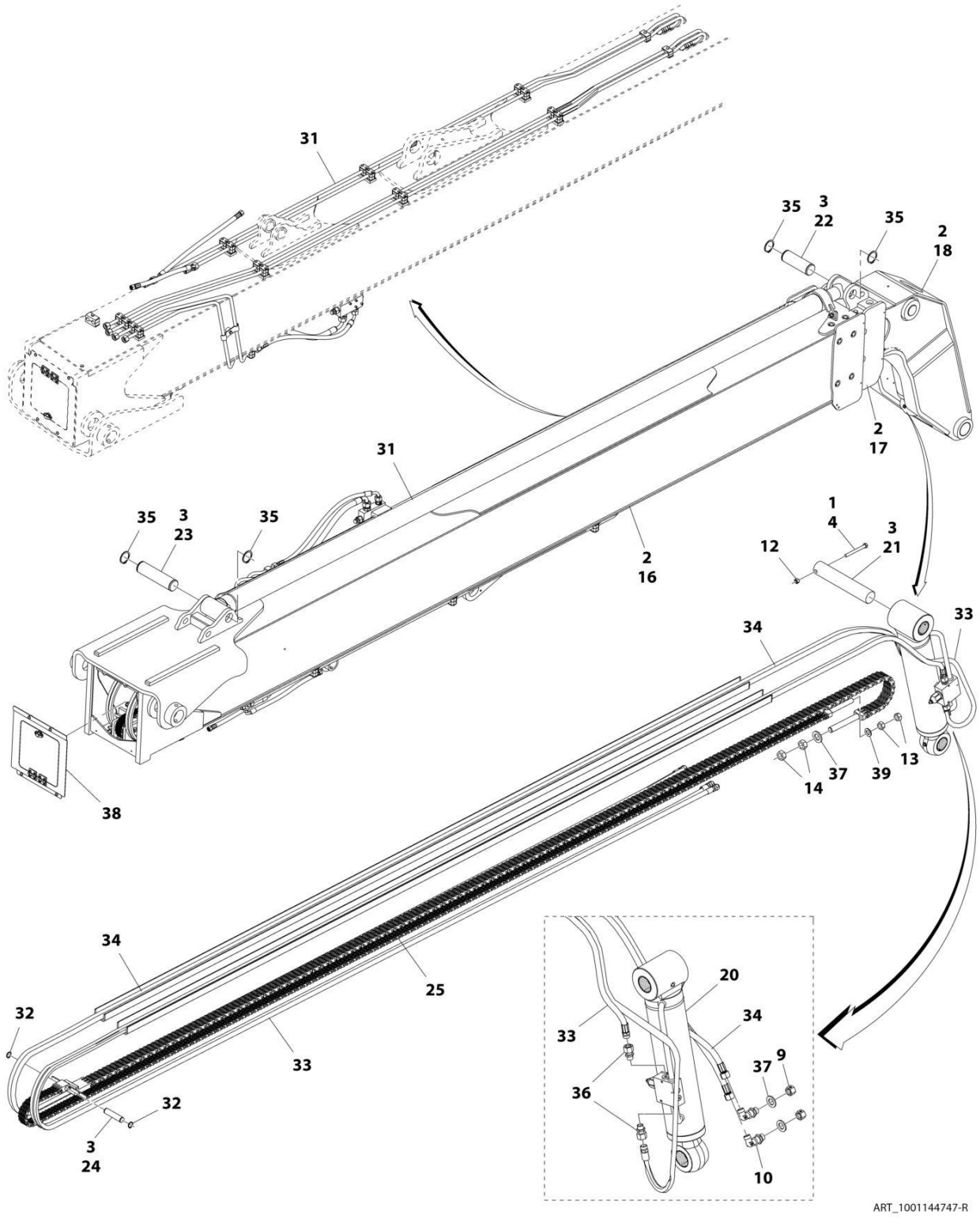
## FIGURE 2-5. BOOM ASSEMBLY - 3614RS (NO AUXILIARY HYDRAULICS)



## FIGURE 2-5. BOOM ASSEMBLY - 3614RS (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148523 | Ref | Boom Assembly - 3614RS (no auxiliary hydraulics) | Q |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 3020040 | AR | Lubricant, Moly Paste | |
| 6 | 0711229 | 1 | Bolt, M12X120, Grade 10.9 | |
| 10 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 11 | 3332011 | 2 | Nut, M20X2.5 | |
| 12 | 3332411 | 2 | Nut, M24X3 | |
| 14 | 1001143146 | 1 | Section, First Boom (See FIRST BOOM SECTION - 3614RS for Breakdown) | |
| 15 | 1001143352 | Ref | Section, Second Boom (See SECOND BOOM SECTION - 3614RS for Breakdown) | |
| 16 | 1001143400 | 1 | Section, Third Boom (See THIRD BOOM SECTION - 3614RS for Breakdown) | |
| 18 | 1001144198 | 1 | Cylinder, Tilt (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 19 | 1001147527 | 1 | Pin, Tilt Cylinder | |
| 20 | 1001147596 | 1 | Pin, Extend/Retract Cylinder, Rod End | |
| 21 | 1001147597 | 1 | Pin, Extend/Retract Cylinder, Barrel End | |
| 22 | 1001149555 | 1 | Pin, Clevis | |
| 24 | 1001147839 | 1 | Assembly, Retract Chain (See RETRACT CHAIN ASSEMBLY - 3614RS for Breakdown) | |
| 26 | 1001152477 | 1 | Hose - 3614RS **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| 26 | 1001180501 | 1 | Hose - 3614RS **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| 27 | 1001149581 | 2 | Ring, Snap | |
| 28 | 1001149652 | 1 | Installation, Boom Hydraulics (See HYDRAULICS INSTALLATION - 3614RS (NO AUXILIARY HYDRAULICS) for Breakdown) | |
| 29 | 3760493 | 4 | Ring, Retaining | |
| 30 | 2142816 | 2 | Connector, Swivel | |
| 31 | 1001161951 | 1 | Installation, Cover Plate (See COVER PLATE INSTALLATION - 3614RS for Breakdown) | |
| 32 | 4812700 | 1 | Washer, M24 | |
| 33 | 4812500 | 1 | Washer, M20 | |

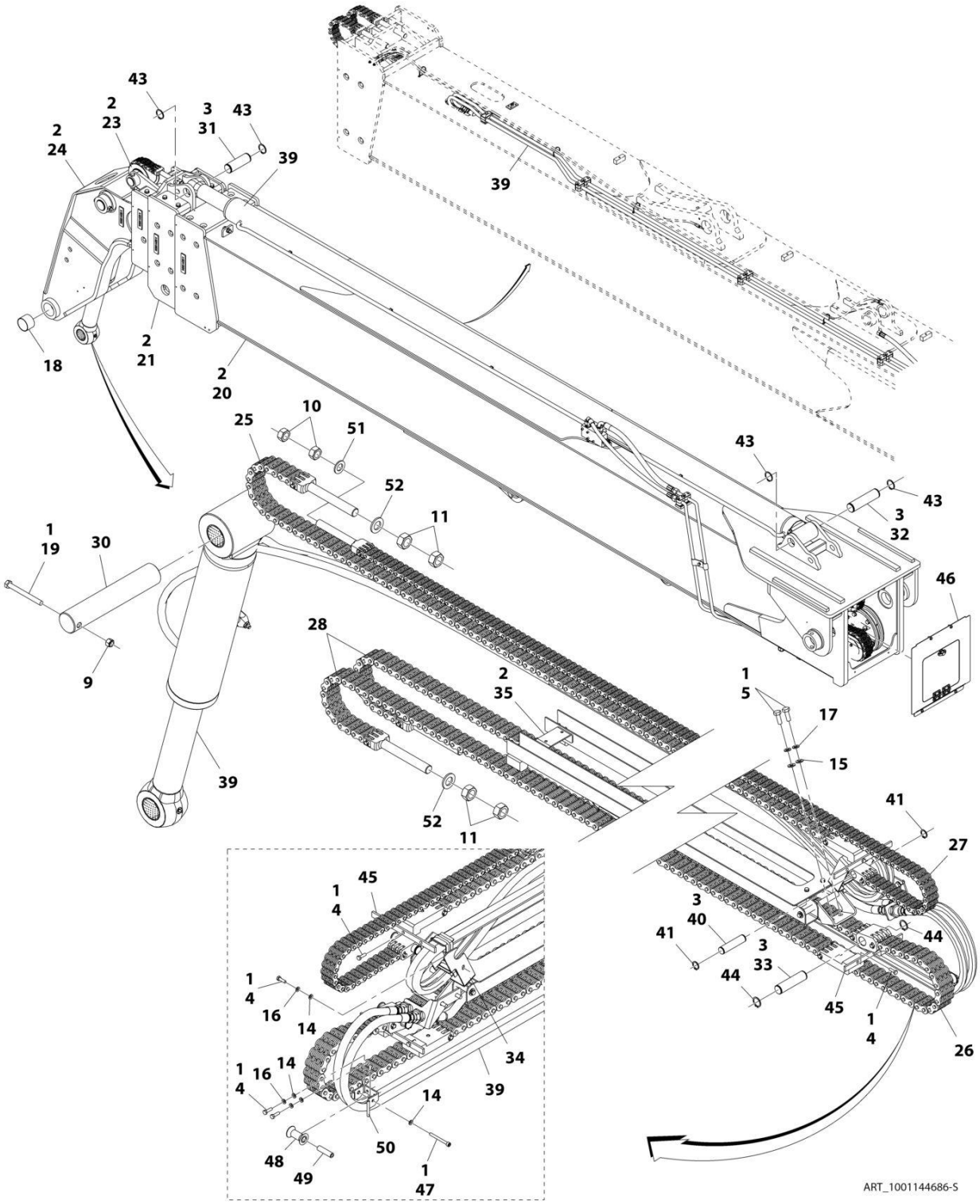
## FIGURE 2-6. BOOM ASSEMBLY - 3614RS (AUXILIARY HYDRAULICS)



## FIGURE 2-6. BOOM ASSEMBLY - 3614RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144747 | Ref | Boom Assembly - 3614RS (auxiliary hydraulics) | P |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 3020040 | AR | Lubricant, Moly Paste | |
| 4 | 0711229 | 1 | Bolt, M12X120, Grade 10.9 | |
| 9 | 2142516 | 2 | Adapter, Cap | |
| 10 | 2143316 | 2 | Fitting, Elbow | |
| 12 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 13 | 3332011 | 2 | Nut, M20X2.5 | |
| 14 | 3332411 | 2 | Nut, M24X3 | |
| 16 | 1001143146 | 1 | Section, First Boom (See FIRST BOOM SECTION - 3614RS for Breakdown) | |
| 17 | 1001143352 | 1 | Section, Second Boom (See SECOND BOOM SECTION - 3614RS for Breakdown) | |
| 18 | 1001143400 | 1 | Section, Third Boom (See THIRD BOOM SECTION - 3614RS for Breakdown) | |
| 20 | 1001144198 | 1 | Cylinder, Tilt (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 21 | 1001147527 | 1 | Pin, Tilt Cylinder | |
| 22 | 1001147596 | 1 | Pin, Extend/Retract, Rod End | |
| 23 | 1001147597 | 1 | Pin, Extend/Retract, Barrel End | |
| 24 | 1001149555 | 1 | Pin, Clevis | |
| 25 | 1001147839 | 1 | Assembly, Retract Chain (See RETRACT CHAIN ASSEMBLY - 3614RS for Breakdown) | |
| 31 | 1001147622 | 1 | Installation, Boom Hydraulics (See HYDRAULICS INSTALLATION - 3614RS (AUXILIARY HYDRAULICS) for Breakdown) | |
| 32 | 1001149581 | 2 | Ring, Snap | |
| 33 | 1001152477 | 1 | Hose - 3614RS **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 33 | 1001180501 | 1 | Hose - 3614RS **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 34 | 1001154616 | 1 | Hose - 3614RS (auxiliary hydraulics) **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 34 | 1001180502 | 1 | Hose - 3614RS (auxiliary hydraulics) **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 35 | 3760493 | 4 | Ring, Retaining | |
| 36 | 2142816 | 2 | Connector, Swivel | |
| 37 | 4812700 | 3 | Washer, M24 | |
| 38 | 1001161951 | 1 | Installation, Cover Plate (See COVER PLATE INSTALLATION - 3614RS for Breakdown) | |
| 39 | 4812500 | 1 | Washer, M20 | |

## FIGURE 2-7. BOOM ASSEMBLY - 4017RS (NO AUXILIARY HYDRAULICS)

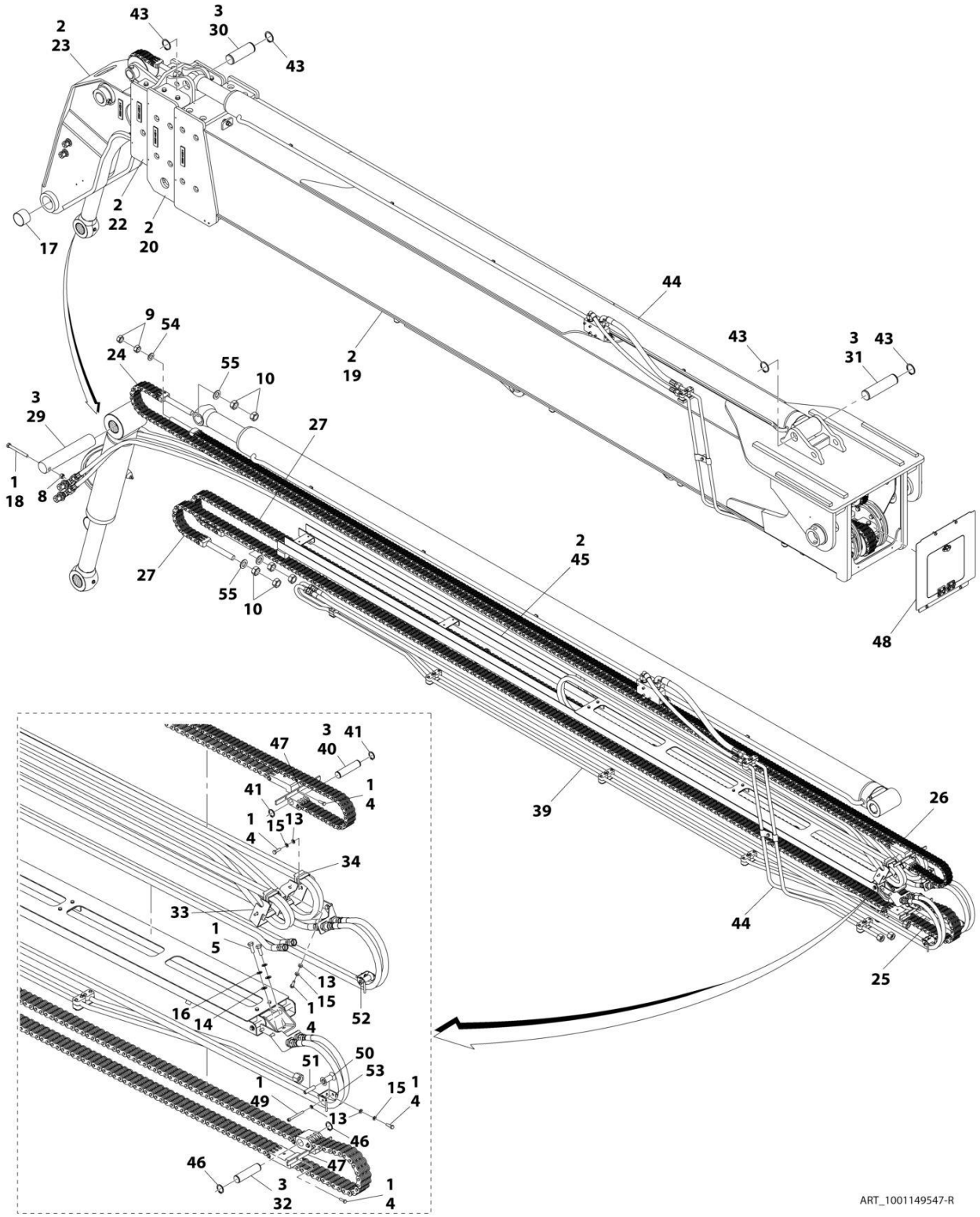


## FIGURE 2-7. BOOM ASSEMBLY - 4017RS (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144686 | Ref | Boom Assembly - 4017RS (no auxiliary hydraulics) | R |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 3020040 | AR | Lubricant, Moly Paste | |
| 4 | 0760610 | 7 | Bolt, M6X20 | |
| 5 | 0701013 | 2 | Bolt, M8X20 | |
| 9 | 3291205 | 1 | Nut, Lock M12X1.75 | |
| 10 | 3332011 | 2 | Nut, M20X2.5 | |
| 11 | 3332411 | 8 | Nut, M24X3 | |
| 14 | 4811700 | 5 | Washer, M6 | |
| 15 | 4812000 | 2 | Washer, M8 | |
| 16 | 4831700 | 4 | Washer, Lock 6 | |
| 17 | 4832000 | 2 | Washer, Lock 8 | |
| 18 | 1001090150 | 2 | Bearing | |
| 19 | 0711229 | 1 | Bolt, M12X120, Grade 10.9 | |
| 20 | 1001144158 | 1 | Section, First Boom (See FIRST BOOM SECTION - 4017RS for Breakdown) | |
| 21 | 1001144181 | 1 | Section, Second Boom (See SECOND BOOM SECTION - 4017RS for Breakdown) | |
| 23 | 1001144218 | 1 | Section, Third Boom (See THIRD BOOM SECTION - 4017RS for Breakdown) | |
| 24 | 1001144244 | 1 | Section, Fourth Boom (See FOURTH BOOM SECTION - 4017RS for Breakdown) | |
| 25 | 1001144713 | 1 | Assembly, Extend Chain (See EXTEND CHAIN ASSEMBLY (1) - 4017RS for Breakdown) | |
| 26 | 1001144758 | 1 | Assembly, Retract Chain (See RETRACT CHAIN ASSEMBLY (1) - 4017RS for Breakdown) | |
| 27 | 1001144771 | 1 | Assembly, Retract Chain (See RETRACT CHAIN ASSEMBLY (2) - 4017RS for Breakdown) | |
| 28 | 1001144780 | 2 | Assembly, Extend Chain (See EXTEND CHAIN ASSEMBLY (2) - 4017RS for Breakdown) | |
| 30 | 1001147527 | 1 | Pin, Tilt Cylinder | |
| 31 | 1001147596 | 1 | Pin, Extend/Retract Cylinder, Rod End | |
| 32 | 1001147597 | 1 | Pin, Extend/Retract Cylinder, Barrel End | |
| 33 | 1001147640 | 1 | Pin, Chain Clevis | |
| 34 | 1001147899 | 1 | Bracket, Clamp | |
| 35 | 1001151879 | 1 | Assembly, Hose Support (See HOSE SUPPORT ASSEMBLY - 4017RS for Breakdown) | |
| 39 | 1001149653 | 1 | Installation, Boom Hydraulics (See HYDRAULICS INSTALLATION - 4017RS for Breakdown) | |
| 40 | 1001149555 | 1 | Pin, Clevis | |
| 41 | 1001149581 | 2 | Ring, Snap | |
| 43 | 3760493 | 4 | Ring, Retaining | |
| 44 | 1001155805 | 2 | Ring, Snap | |
| 45 | 1001156947 | 2 | Plate, Clevis | |
| 46 | 1001165887 | 1 | Installation, Cover Plate (See COVER PLATE INSTALLATION - 4017RS for Breakdown) | |
| 47 | 4031716 | 1 | Bolt, M6X60 | |
| 48 | 1001174034 | 1 | Pulley, Hose Sheave | |
| 49 | 1001174036 | 1 | Spindle, Hose Sheave | |
| 50 | 1001174042 | 1 | Bracket, Hose Pulley | |
| 51 | 4812500 | 1 | Washer, M20 | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 52 | 4812700 | 4 | Washer, M24 | |

## FIGURE 2-8. BOOM ASSEMBLY - 4017RS (AUXILIARY HYDRAULICS)

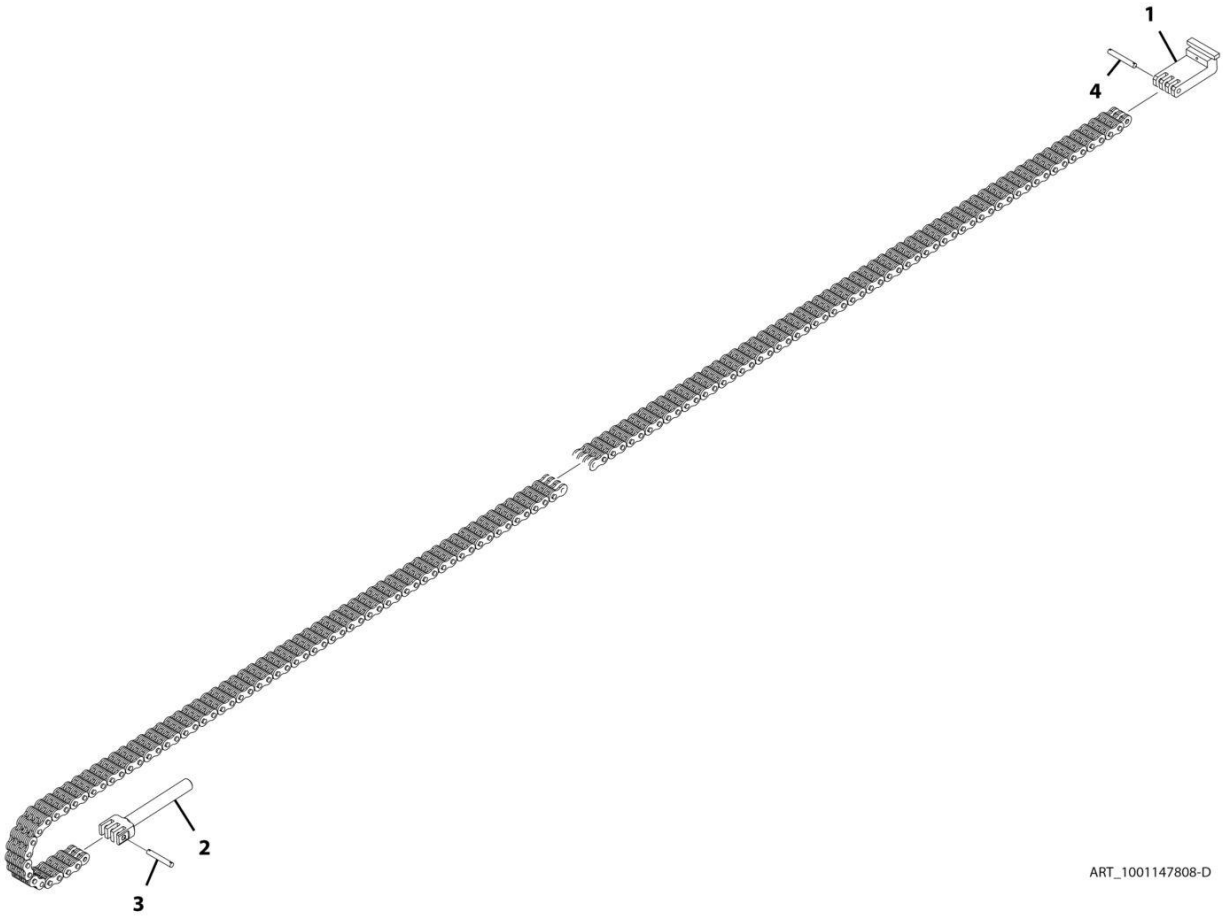


## FIGURE 2-8. BOOM ASSEMBLY - 4017RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149547 | Ref | Boom Assembly - 4017RS (auxiliary hydraulics) | Q |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 3020040 | AR | Lubricant, Moly Paste | |
| 4 | 0760610 | 11 | Bolt, M6X20 | |
| 5 | 0701013 | 2 | Bolt, M10X28 | |
| 8 | 3291205 | 1 | Nut, Lock M12X1.75 | |
| 9 | 3332011 | 2 | Nut, M20X2.5 | |
| 10 | 3332411 | 8 | Nut, M24X3 | |
| 13 | 4811700 | 10 | Washer, M6 | |
| 14 | 4812000 | 2 | Washer, M10 | |
| 15 | 4831700 | 8 | Washer, Lock 6 | |
| 16 | 4832000 | 2 | Washer, Lock 10 | |
| 17 | 1001090150 | 2 | Bearing | |
| 18 | 0711229 | 1 | Bolt, M12X120, Grade 10.9 | |
| 19 | 1001144158 | 1 | Section, First Boom (See FIRST BOOM SECTION - 4017RS for Breakdown) | |
| 20 | 1001144181 | 1 | Section, Second Boom (See SECOND BOOM SECTION - 4017RS for Breakdown) | |
| 22 | 1001144218 | 1 | Section, Third Boom (See THIRD BOOM SECTION - 4017RS for Breakdown) | |
| 23 | 1001144244 | 1 | Section, Fourth Boom (See FOURTH BOOM SECTION - 4017RS for Breakdown) | |
| 24 | 1001144713 | 1 | Assembly, Extend Chain (See EXTEND CHAIN ASSEMBLY (1) - 4017RS for Breakdown) | |
| 25 | 1001144758 | 1 | Assembly, Retract Chain (See RETRACT CHAIN ASSEMBLY (1) - 4017RS for Breakdown) | |
| 26 | 1001144771 | 1 | Assembly, Retract Chain (See RETRACT CHAIN ASSEMBLY (2) - 4017RS for Breakdown) | |
| 27 | 1001144780 | 2 | Assembly, Extend Chain (See EXTEND CHAIN ASSEMBLY (2) - 4017RS for Breakdown) | |
| 29 | 1001147527 | 1 | Pin, Tilt Cylinder | |
| 30 | 1001147596 | 1 | Pin, Extend/Retract Cylinder, Rod End | |
| 31 | 1001147597 | 1 | Pin, Extend/Retract Cylinder, Barrel End | |
| 32 | 1001147640 | 1 | Pin, Chain Clevis | |
| 33 | 1001147894 | 1 | Bracket, Clamp | |
| 34 | 1001147899 | 1 | Bracket, Clamp | |
| 39 | 1001149133 | 1 | Installation, Boom Hydraulics (See HYDRAULICS INSTALLATION - 4017RS (AUXILIARY HYDRAULICS) for Breakdown) | |
| 40 | 1001149555 | 1 | Pin, Clevis | |
| 41 | 1001149581 | 2 | Ring, Snap | |
| 43 | 3760493 | 4 | Ring, Retaining | |
| 44 | 1001149653 | 1 | Installation, Boom Hydraulics (See HYDRAULICS INSTALLATION - 4017RS for Breakdown) | |
| 45 | 1001151879 | 1 | Assembly, Hose Support (see HOSE SUPPORT ASSEMBLY - 4017RS for Breakdown) | |
| 46 | 1001155805 | 2 | Ring, Snap | |
| 47 | 1001156947 | 2 | Plate, Clevis | |
| 48 | 1001165887 | 1 | Installation, Cover Plate (See COVER PLATE INSTALLATION - 4017RS for Breakdown) | |
| 49 | 4031716 | 2 | Bolt, M6X60 | |
| 50 | 1001174034 | 2 | Pulley, Hose Sheave | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 51 | 1001174036 | 2 | Spindle, Hose Sheave | |
| 52 | 1001174042 | 1 | Bracket, Hose Pulley | |
| 53 | 1001175475 | 1 | Bracket, Hose Pulley | |
| 54 | 4812500 | 1 | Washer, M20 | |
| 55 | 4812700 | 4 | Washer, M24 | |

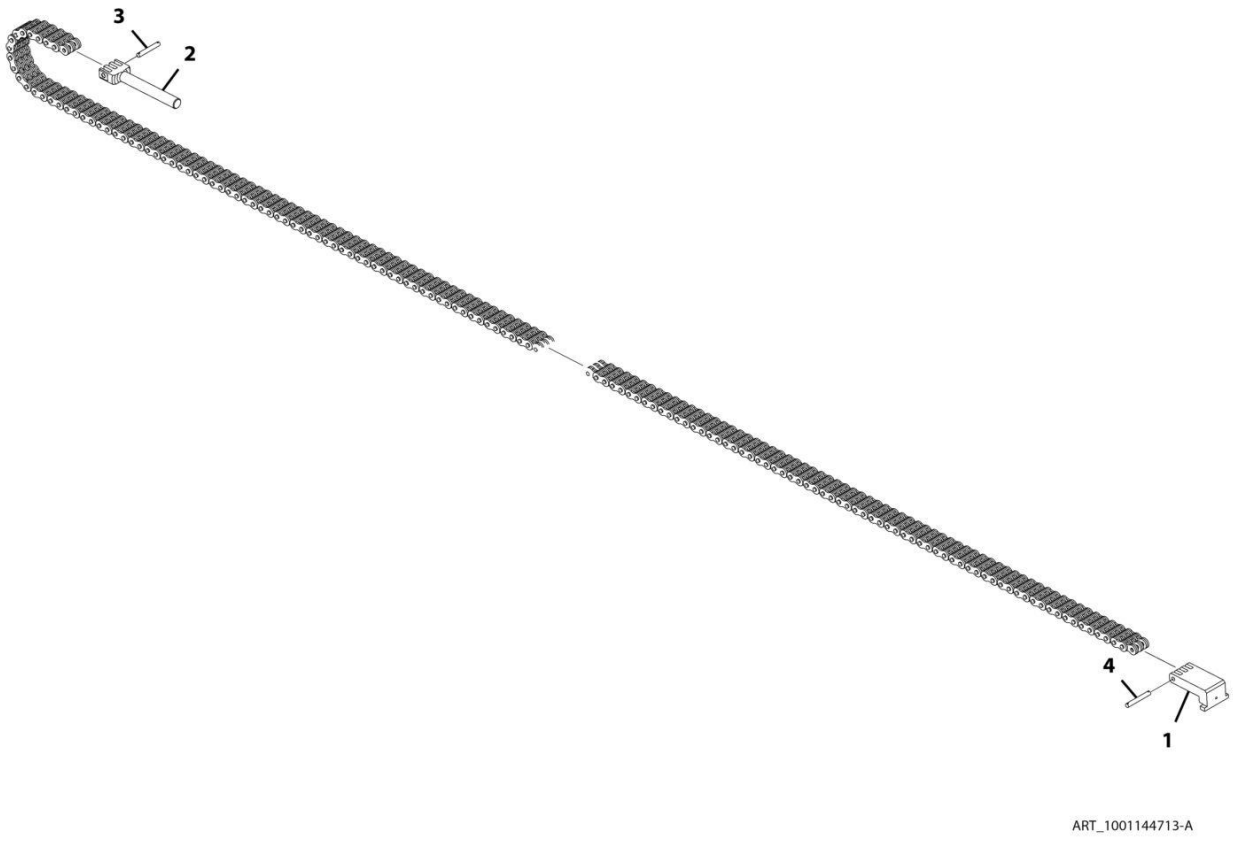
## FIGURE 2-9. EXTEND CHAIN ASSEMBLY - 3614RS



## FIGURE 2-9. EXTEND CHAIN ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147808 | Ref | Extend Chain Assembly - 3614RS | D |
| 1 | 1001147695 | 1 | Clevis, Chain | |
| 2 | 1001148317 | 1 | Clevis, Chain | |
| 3 | 1001149163 | 1 | Pin, Anchor | |
| 4 | 1001149164 | 1 | Pin, Anchor | |

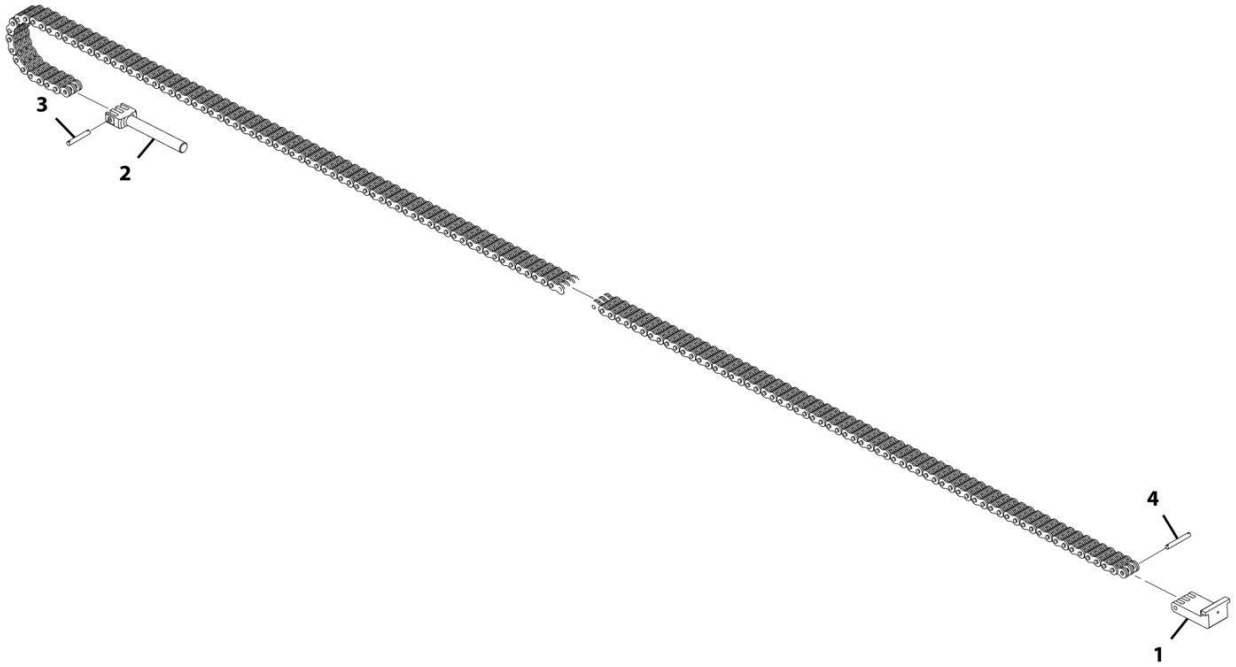
## FIGURE 2-10. EXTEND CHAIN ASSEMBLY (1) - 4017RS



## FIGURE 2-10. EXTEND CHAIN ASSEMBLY (1) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144713 | Ref | Extend Chain Assembly - 4017RS | A |
| 1 | 1001147695 | 1 | Clevis, Chain | |
| 2 | 1001148317 | 1 | Clevis, Chain | |
| 3 | 1001149163 | 1 | Pin, Anchor | |
| 4 | 1001149164 | 1 | Pin, Anchor | |

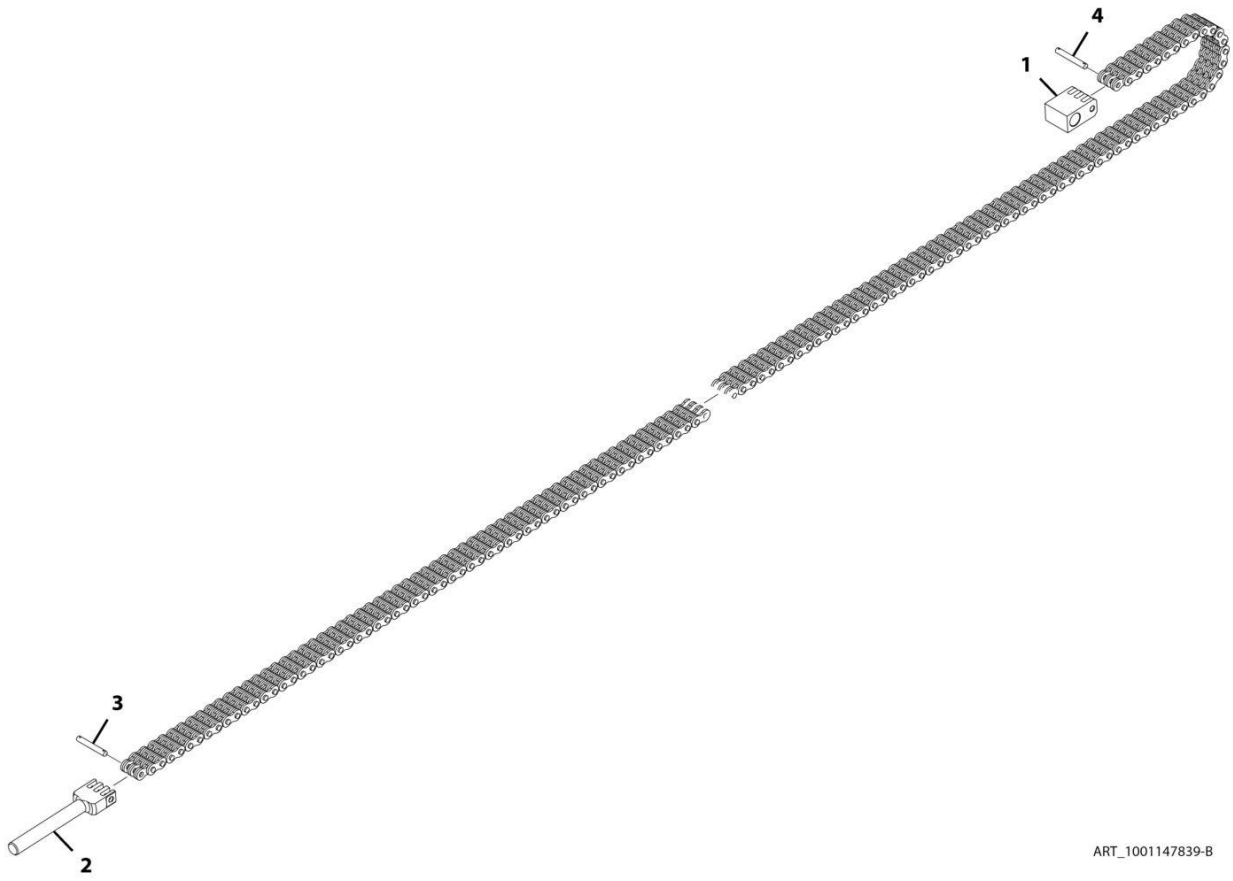
## FIGURE 2-11. EXTEND CHAIN ASSEMBLY (2) - 4017RS



## FIGURE 2-11. EXTEND CHAIN ASSEMBLY (2) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144780 | Ref | Extend Chain Assembly - 4017RS | A |
| 1 | 1001147695 | 1 | Clevis, Chain | |
| 2 | 1001148317 | 1 | Clevis, Chain | |
| 3 | 1001149163 | 1 | Pin, Anchor | |
| 4 | 1001149164 | 1 | Pin, Anchor | |

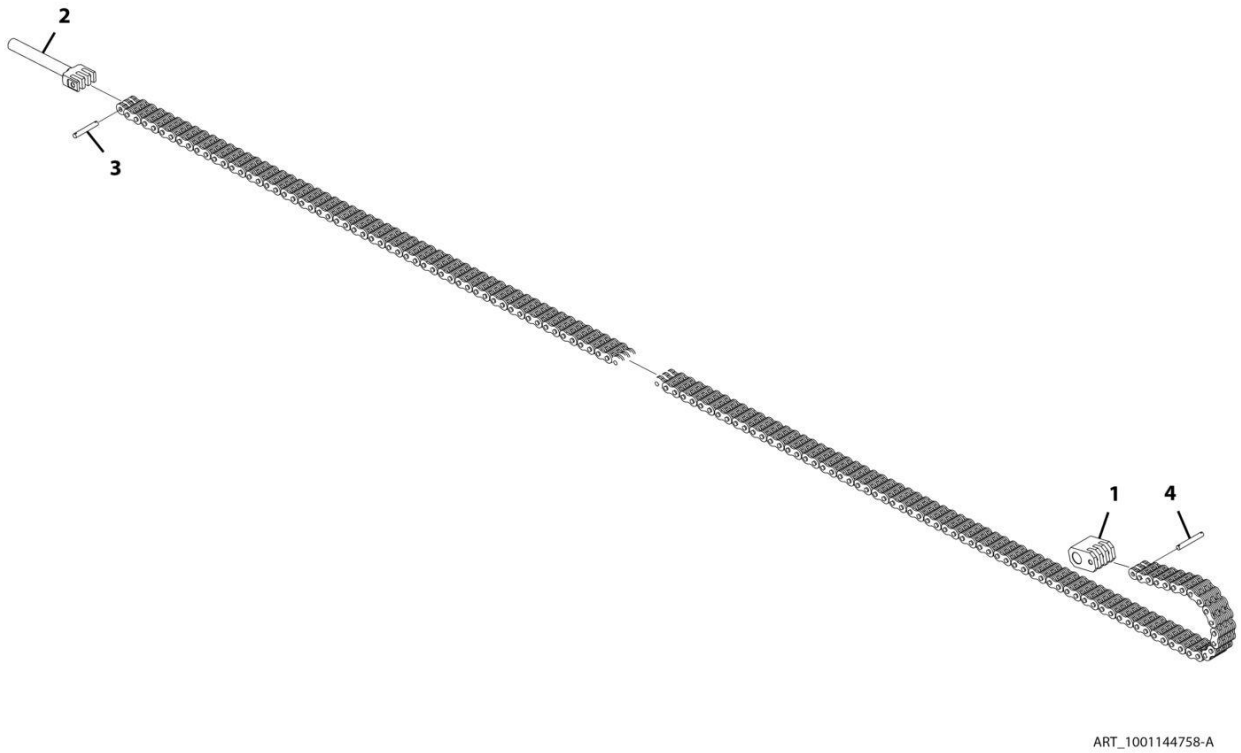
## FIGURE 2-12. RETRACT CHAIN ASSEMBLY - 3614RS



## FIGURE 2-12. RETRACT CHAIN ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147839 | Ref | Retract Chain Assembly - 3614RS | B |
| 1 | 1001147641 | 1 | Clevis, Chain | |
| 2 | 1001147739 | 1 | Clevis, Chain | |
| 3 | 1001149156 | 1 | Pin, Anchor | |
| 4 | 1001149699 | 1 | Pin, Anchor | |

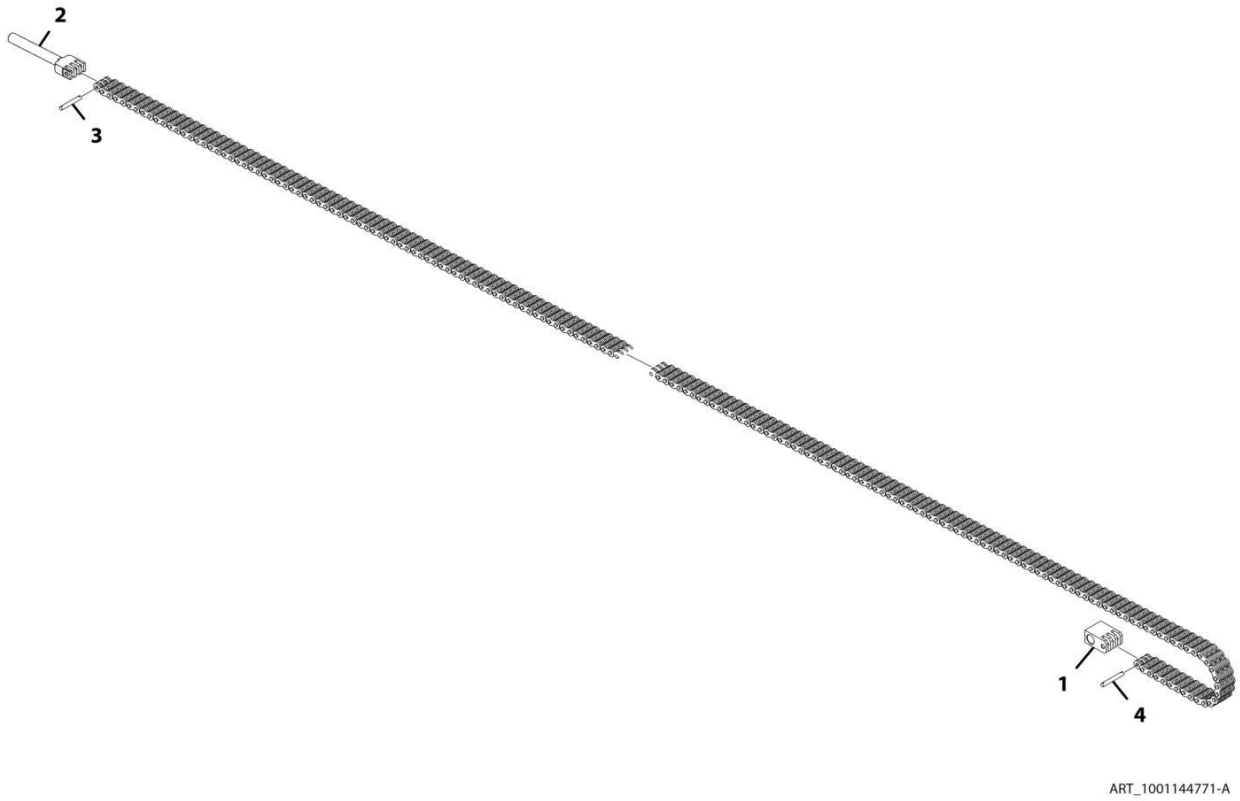
## FIGURE 2-13. RETRACT CHAIN ASSEMBLY (1) - 4017RS



## FIGURE 2-13. RETRACT CHAIN ASSEMBLY (1) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144758 | Ref | Retract Chain Assembly - 4017RS | A |
| 1 | 1001147623 | 1 | Clevis, Chain | |
| 2 | 1001148317 | 1 | Clevis, Chain | |
| 3 | 1001149163 | 1 | Pin, Anchor | |
| 4 | 1001149164 | 1 | Pin, Anchor | |

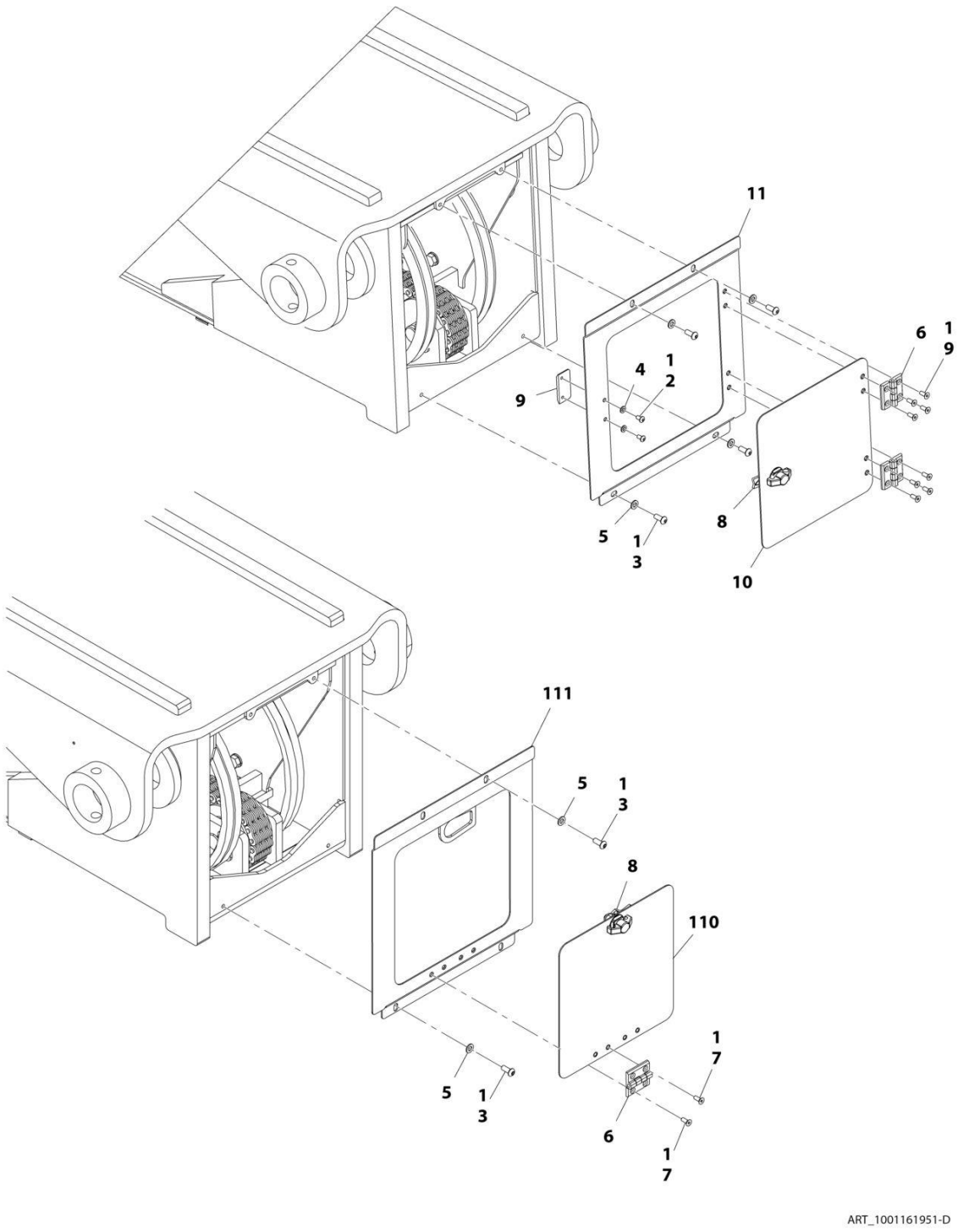
## FIGURE 2-14. RETRACT CHAIN ASSEMBLY (2) - 4017RS



## FIGURE 2-14. RETRACT CHAIN ASSEMBLY (2) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144771 | Ref | Retract Chain Assembly - 4017RS | A |
| 1 | 1001147641 | 1 | Clevis, Chain | |
| 2 | 1001147739 | 1 | Clevis, Chain | |
| 3 | 1001149156 | 1 | Pin, Anchor | |
| 4 | 1001149699 | 1 | Pin, Anchor | |

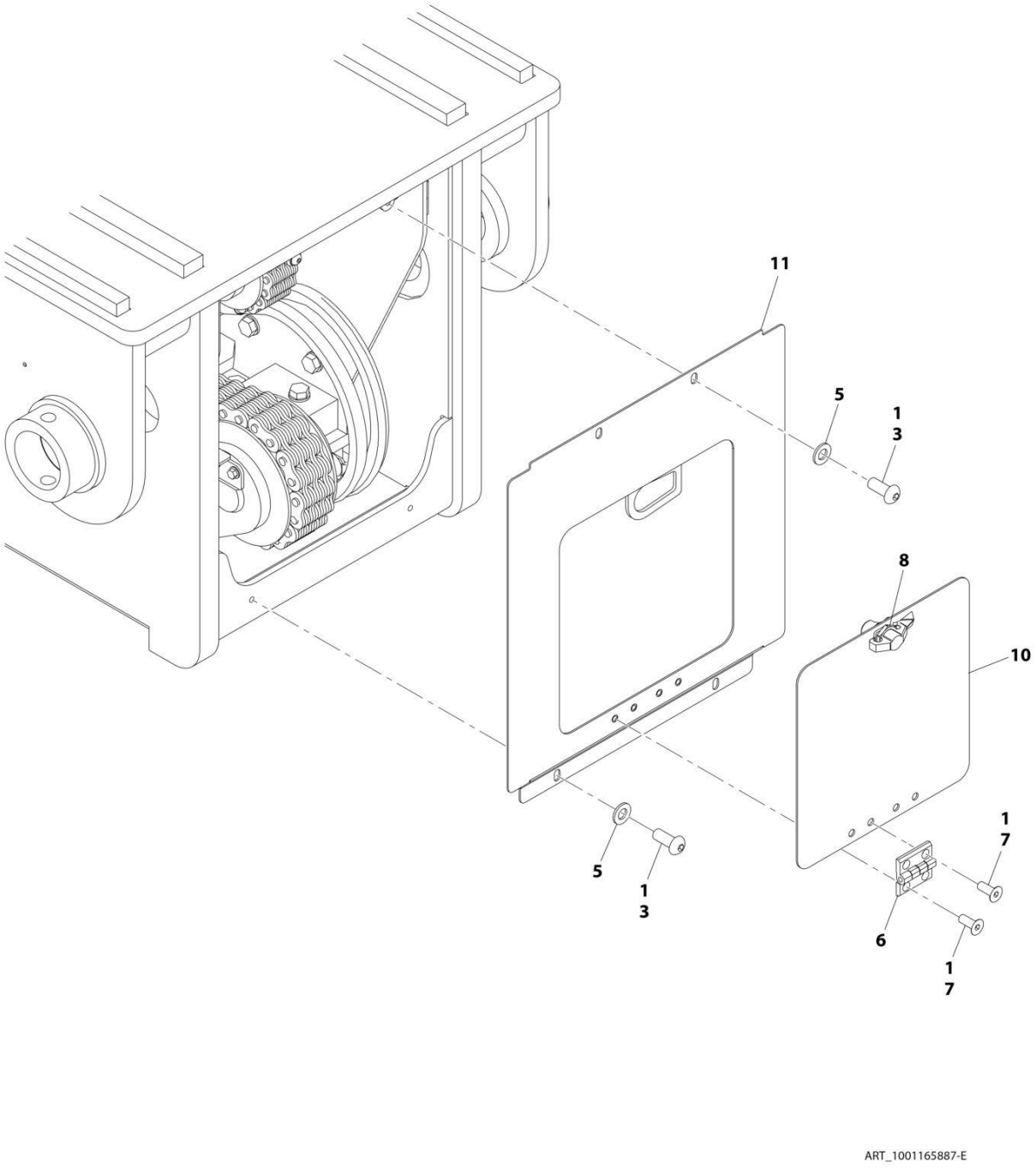
## FIGURE 2-15. COVER PLATE INSTALLATION - 3614RS



## FIGURE 2-15. COVER PLATE INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001161951 | Ref | Cover Plate Installation - 3614RS | D |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001172289 | 2 | Screw, M6X12 **(SN 1160007024 through 1160007970)** | |
| 3 | 1001164726 | 4 | Bolt, M8X20 | |
| 4 | 4811700 | 2 | Washer, M6 **(SN 1160007024 through 1160007970)** | |
| 5 | 4811900 | 4 | Washer, M8 | |
| 6 | 8006105 | 2 | Joint, Hinge | |
| 7 | 1001162246 | 8 | Screw, M6X16 | |
| 8 | 1001162375 | 1 | Latch, Wing Knob | |
| 9 | 1001162657 | 1 | Plate, Latch **(SN 1160007024 through 1160007970)** | |
| 10 | 1001162364J | 1 | Bracket, Door Cover **(SN 1160007024 through 1160007970)** | |
| 11 | 1001172263J | 1 | Bracket, Cover **(SN 1160007024 through 1160007970)** | |
| 110 | 1001175165J | 1 | Bracket, Door Cover **(SN 1160007970 through 1160008790)** | |
| 111 | 1001189957J | 1 | Bracket, Cover **(SN 1160007970 through 1160008790)** | |

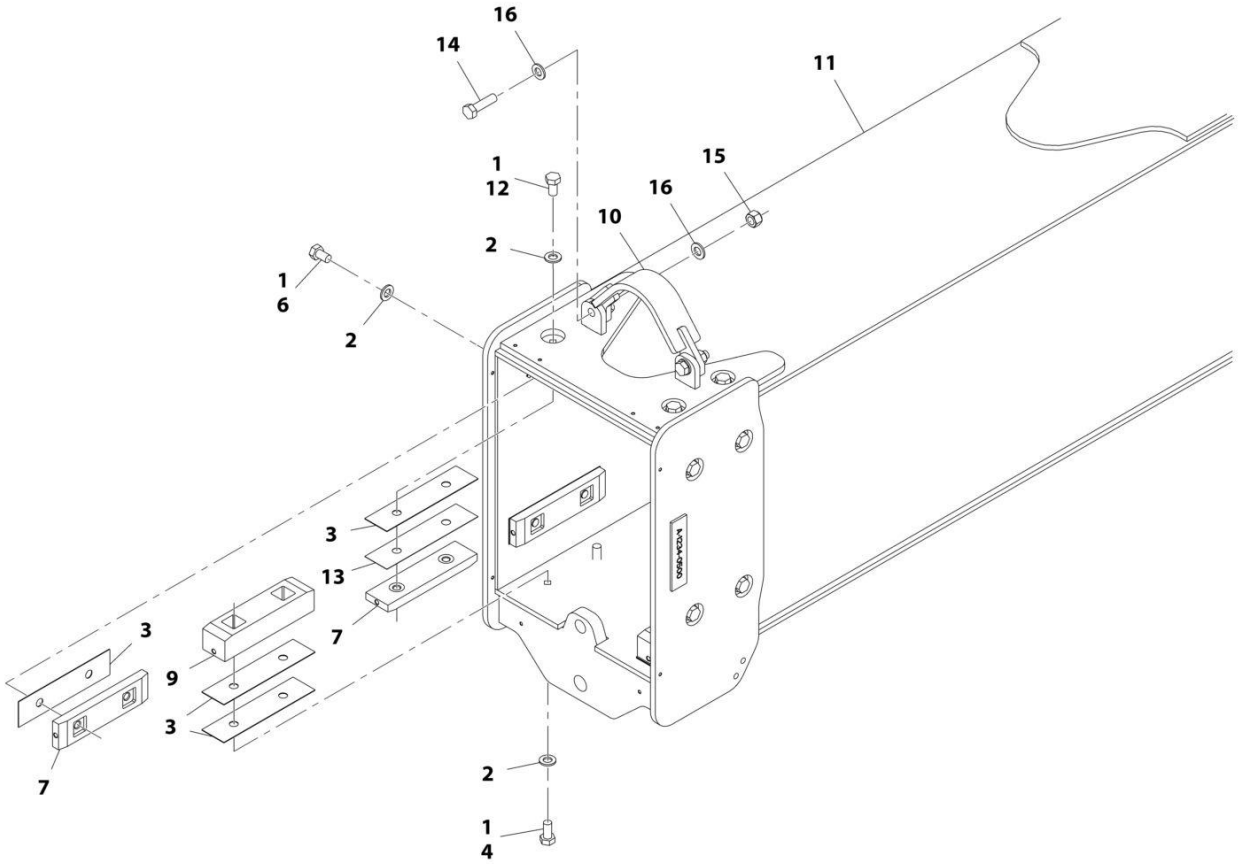
## FIGURE 2-16. COVER PLATE INSTALLATION - 4017RS



## FIGURE 2-16. COVER PLATE INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001165887 | Ref | Cover Plate Installation - 4017RS | C |
| 1 | 1001095650 | AR | Compound, Locking | |
| 3 | 1001164726 | 4 | Bolt, M8X20 | |
| 5 | 4811900 | 4 | Washer, M8 | |
| 6 | 8006105 | 2 | Joint, Hinge | |
| 7 | 1001162246 | 8 | Screw, M6X16 | |
| 8 | 1001162375 | 1 | Latch, Wing Knob | |
| 10 | 1001175165J | 1 | Bracket, Door Cover | |
| 11 | 1001175234J | 1 | Panel, Boom Door | |

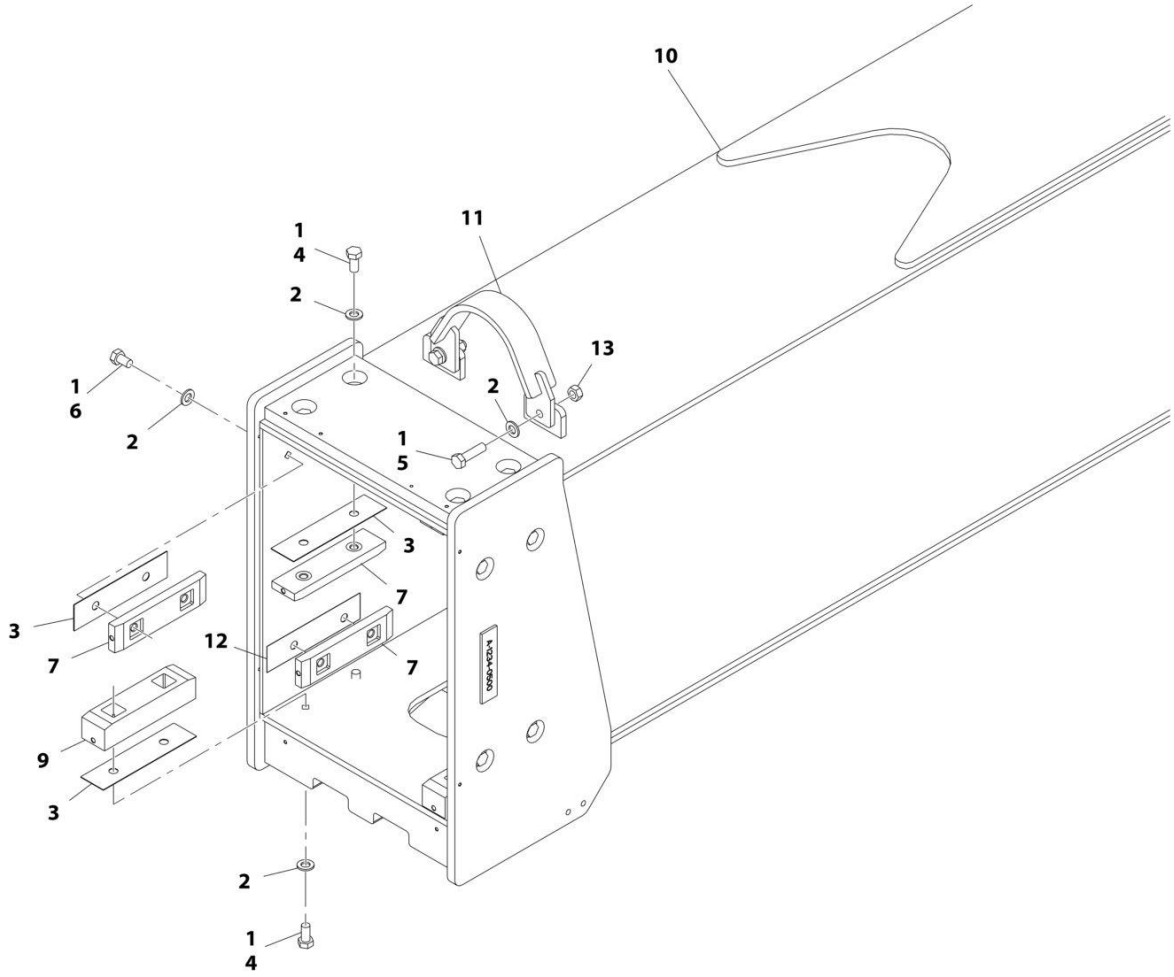
## FIGURE 2-17. FIRST BOOM SECTION - 3614RS



## FIGURE 2-17. FIRST BOOM SECTION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143146 | Ref | First Boom Section - 3614RS | N |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001125117 | AR | Washer | |
| 3 | 1001147731 | AR | Shim, 1X45X185 | |
| 4 | 0771212 | 4 | Bolt, M12X25, Grade 10.9 | |
| 6 | 0771210 | 8 | Bolt, M12X20, Grade 10.9 | |
| 7 | 1001147657 | 6 | Pad, 15X45X181 | |
| 9 | 1001147668 | 2 | Pad, 39X45X181 | |
| 10 | 1001172206 | 1 | Brace, Extend/Retract Cylinder | |
| 11 | 1001192959J | 1 | Weldment | |
| 12 | 0771211 | 4 | Bolt, M12X22, Grade 10.9 | |
| 13 | 1001154174 | AR | Shim, 0.5X45X185 | |
| 14 | 0711217 | 2 | Bolt, M12X45, Grade 10.9 | |
| 15 | 3291205 | 2 | Hex Lock Nut, M12X1.75 | |
| 16 | 4812100 | 4 | Washer, M12 | |

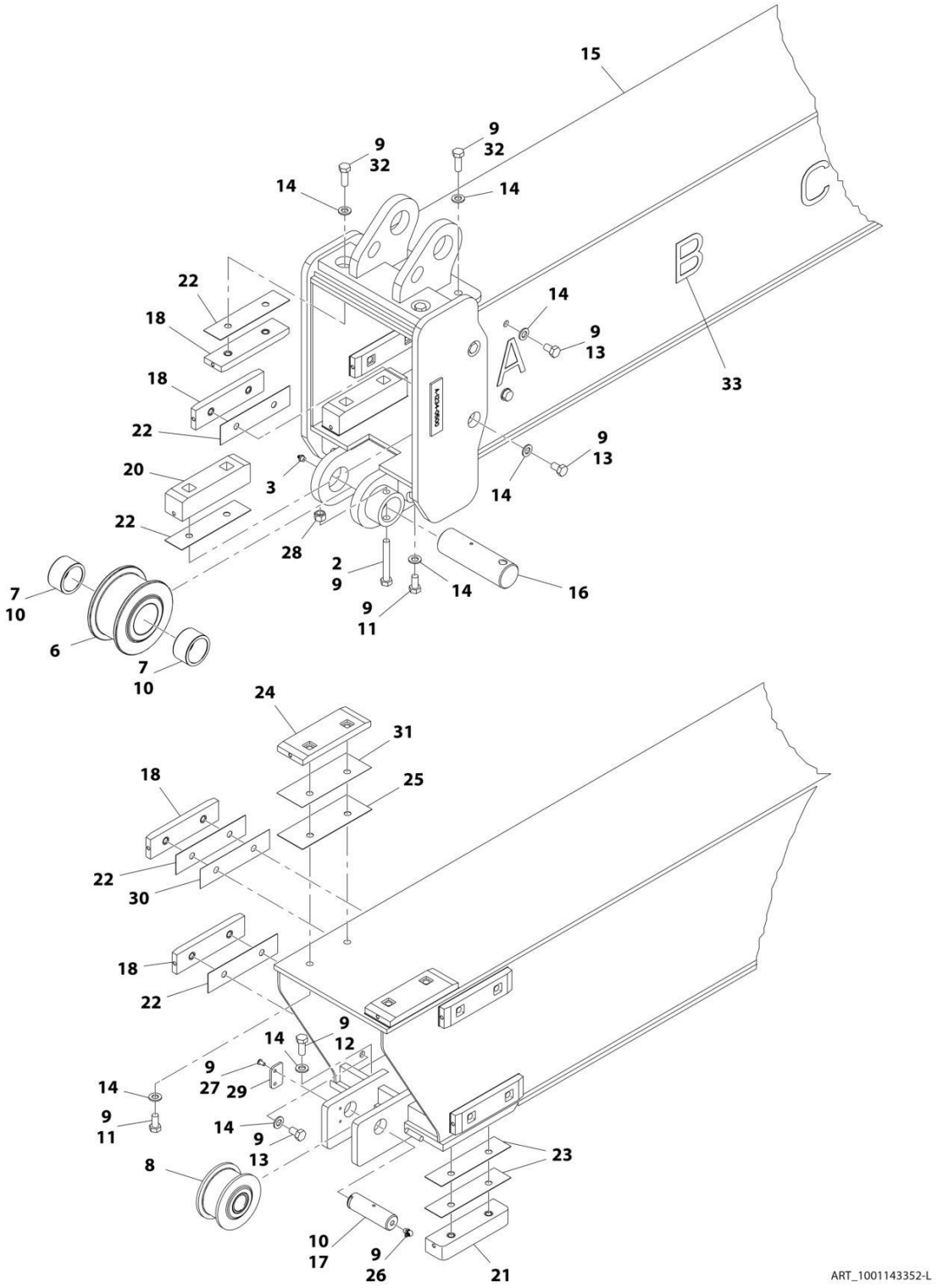
## FIGURE 2-18. FIRST BOOM SECTION - 4017RS



## FIGURE 2-18. FIRST BOOM SECTION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144158 | Ref | First Boom Section - 4017RS | M |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001125117 | AR | Washer | |
| 3 | 1001147731 | AR | Shim, 1X45X185 | |
| 4 | 0771212 | 8 | Bolt, M12X25, Grade 10.9 | |
| 5 | 0771217 | 2 | Bolt, M12X45, Grade 10.9 | |
| 6 | 0771210 | 8 | Bolt, M12X20, Grade 10.9 | |
| 7 | 1001147657 | 6 | Pad, 15X45X181 | |
| 9 | 1001147668 | 2 | Pad, 39X45X181 | |
| 10 | 1001192566J | 1 | Weldment | |
| 11 | 1001161015 | 1 | Bracket, Extend/Retract Cylinder | |
| 12 | 1001154174 | AR | Shim, 0.5X45X185 | |
| 13 | 3291201 | 2 | Nut, M12X1.75 | |

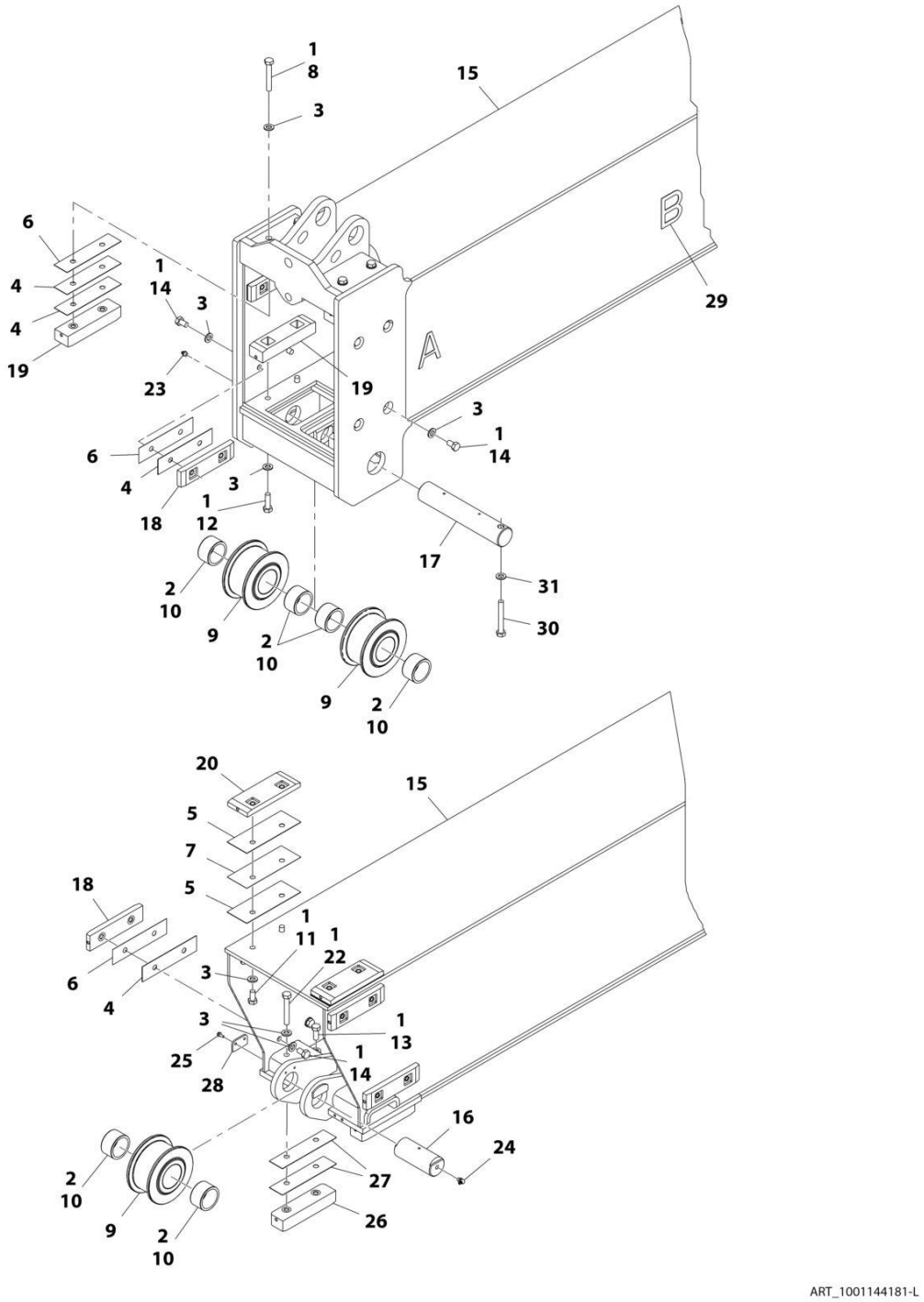
## FIGURE 2-19. SECOND BOOM SECTION - 3614RS



## FIGURE 2-19. SECOND BOOM SECTION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143352 | Ref | Second Boom Section - 3614RS | L |
| 2 | 0701226 | 1 | Bolt, M12X90 | |
| 3 | 2160016 | 1 | Fitting, Grease | |
| 6 | 7114032 | 1 | Sheave, Extend Chain | |
| 7 | 7117502 | 2 | Bushing, Sheave, Extend Chain | |
| 8 | 7138986 | 1 | Sheave, Retract Chain | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 10 | 1001098457 | AR | Lube, Lithium Grease | |
| 11 | 0771212 | 8 | Bolt, M12X25, Grade 10.9 | |
| 12 | 0711214 | 4 | Bolt, M12X30, Grade 10.9 | |
| 13 | 0771210 | 16 | Bolt, M12X20, Grade 10.9 | |
| 14 | 1001125117 | AR | Washer | |
| 15 | 1001143354 | 1 | Weldment | |
| 16 | 1001147562 | 1 | Pin, Sheave, Extend Chain | |
| 17 | 1001147595 | 1 | Pin, Sheave, Retract Chain | |
| 18 | 1001147657 | 10 | Pad, 15X45X181 | |
| 20 | 1001147670 | 2 | Pad, 46X45X181 | |
| 21 | 1001147730 | 2 | Pad, 34X45X181 | |
| 22 | 1001147731 | AR | Shim, 1X45X185 | |
| 23 | 1001147802 | AR | Shim, 1X45X185 | |
| 24 | 1001148103 | 2 | Pad, 15X67.5X181 | |
| 25 | 1001148147 | AR | Shim, 1X67.5X185 | |
| 26 | 2160018 | 1 | Fitting, Grease | |
| 27 | 3900362 | 2 | Screw, M6-1X12 | |
| 28 | 3291205 | 1 | Nut, Lock M12X1.75 | |
| 29 | 1001153960 | 1 | Bracket, Pin Retainer | |
| 30 | 1001154174 | AR | Shim, 0.5X45X185 | |
| 31 | 1001154176 | AR | Shim, 0.5X67.5X185 | |
| 32 | 0711215 | 4 | Bolt, M12X35, Grade 10.9 | |
| 33 | 1001171798 | 1 | Installation, Boom Decal (See DECALS SECTION for Breakdown) | |

## FIGURE 2-20. SECOND BOOM SECTION - 4017RS

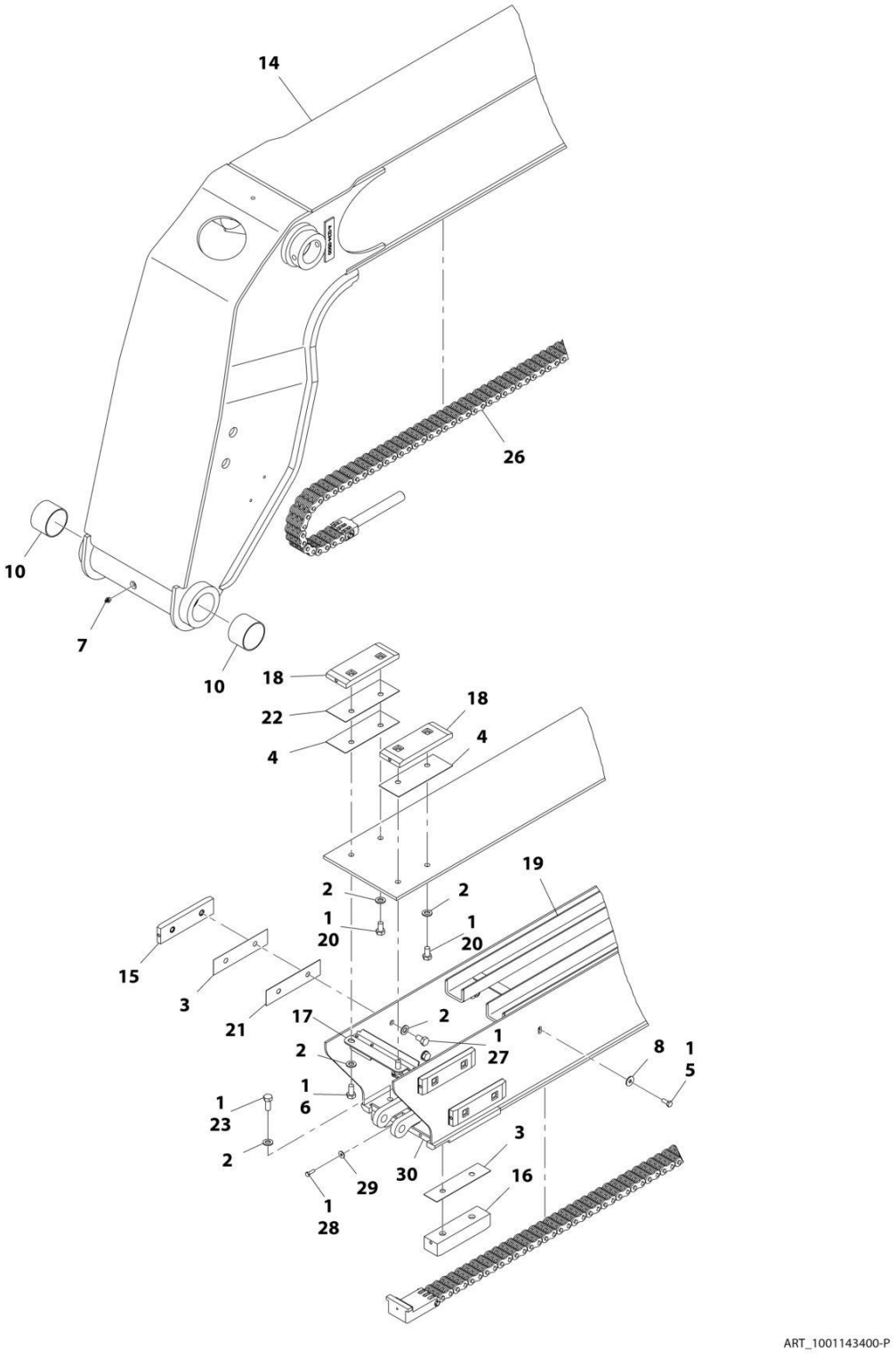



ART_1001144181-L

## FIGURE 2-20. SECOND BOOM SECTION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144181 | Ref | Second Boom Section - 4017RS | L |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 1001125117 | AR | Washer | |
| 4 | 1001147731 | AR | Shim, 1X45X185 | |
| 5 | 1001148147 | AR | Shim, 1X67.5X185 | |
| 6 | 1001154174 | AR | Shim, 0.5X45X185 | |
| 7 | 1001154176 | AR | Shim, 0.5X67.5X185 | |
| 8 | 0711225 | 4 | Bolt, M12X85, Grade 10.9 | |
| 9 | 7114032 | 3 | Sheave, Extend Chain | |
| 10 | 7117502 | 6 | Bushing, Sheave, Extend Chain | |
| 11 | 0771212 | 4 | Bolt, M12X25, Grade 10.9 | |
| 12 | 0711216 | 4 | Bolt, M12X40, Grade 10.9 | |
| 13 | 0711214 | 2 | Bolt, M12X30, Grade 10.9 | |
| 14 | 0771210 | 16 | Bolt, M12X20, Grade 10.9 | |
| 15 | 1001144182 | 1 | Weldment | |
| 16 | 1001147601 | 1 | Pin, Sheave | |
| 17 | 1001147602 | 1 | Pin, Sheave | |
| 18 | 1001147657 | 8 | Pad, 15X45X181 | |
| 19 | 1001148101 | 4 | Pad, 34X45X181 | |
| 20 | 1001148103 | 2 | Pad, 15X67.5X181 | |
| 22 | 0711224 | 2 | Bolt, M12X80, Grade 10.9 | |
| 23 | 2160016 | 1 | Fitting, Grease | |
| 24 | 2160018 | 1 | Fitting, Grease | |
| 25 | 0780608 | 2 | Screw, M6-1X12 | |
| 26 | 1001147730 | 2 | Pad, 34X45X181 | |
| 27 | 1001147802 | AR | Shim, 1X45X185 | |
| 28 | 1001153960 | 1 | Bracket, Pin Retainer | |
| 29 | 1001171798 | 1 | Installation, Boom Decal (See DECALS SECTION for Breakdown) | |
| 30 | 0711226 | 1 | Screw, M12X90 | |
| 31 | 4812100 | 1 | Washer, M12 | |

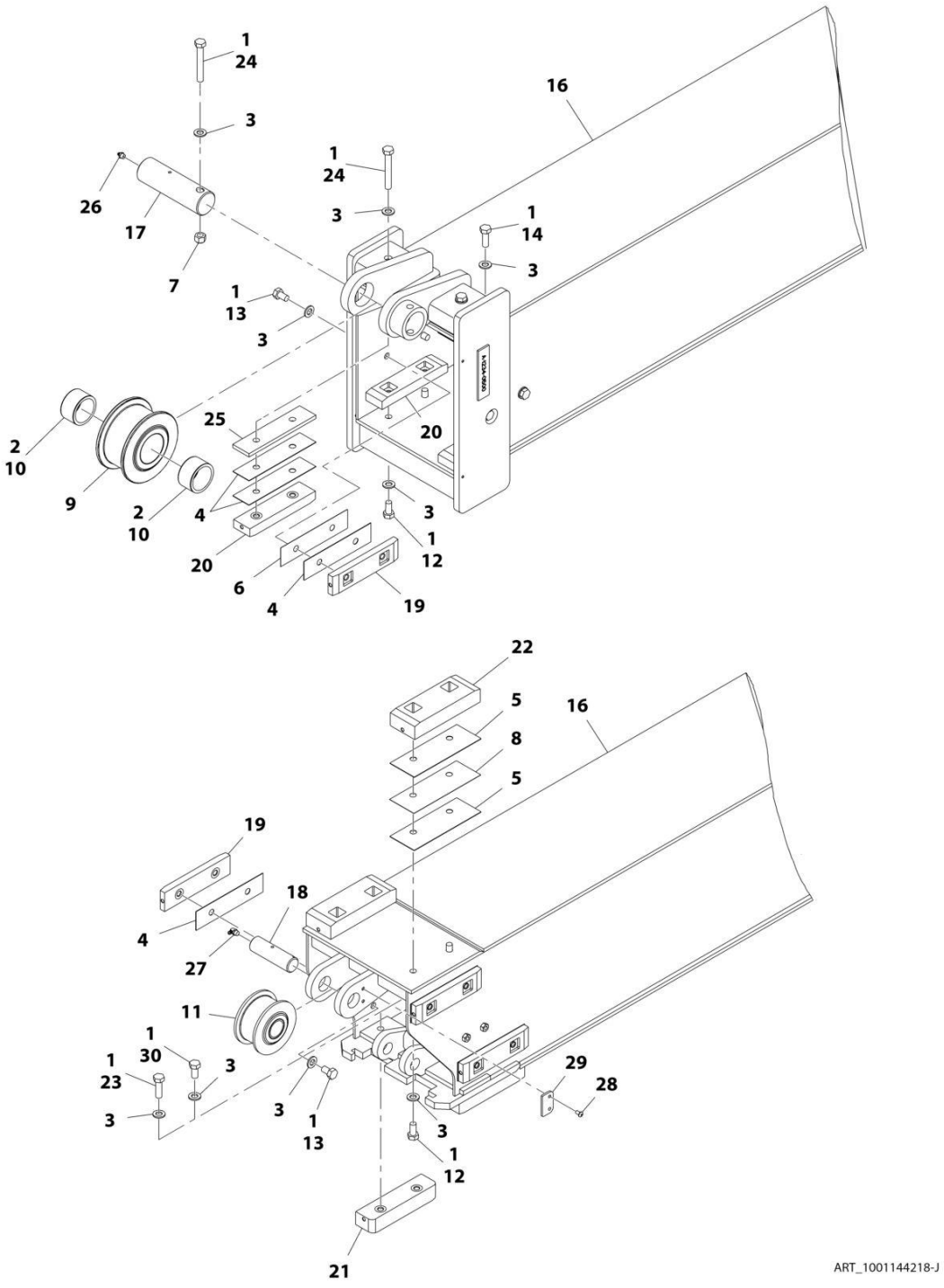
## FIGURE 2-21. THIRD BOOM SECTION - 3614RS



## FIGURE 2-21. THIRD BOOM SECTION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143400 | Ref | Third Boom Section - 3614RS | P |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001125117 | AR | Washer | |
| 3 | 1001147731 | AR | Shim, 1X45X185 | |
| 4 | 1001148147 | AR | Shim, 1X67.5X185 | |
| 5 | 0760810 | 10 | Bolt, M8X20 | |
| 6 | 0771212 | 2 | Bolt, M12X25, Grade 10.9 | |
| 7 | 2160016 | 1 | Fitting, Grease | |
| 8 | 4811902 | 10 | Washer, M8 | |
| 10 | 1001090150 | 2 | Bearing | |
| 14 | 1001143401 | 1 | Weldment | |
| 15 | 1001147657 | 4 | Pad, 15X45X181 | |
| 16 | 1001147668 | 2 | Pad, 39X45X181 | |
| 17 | 1001152188 | 1 | Bracket, Hose Clamp | |
| 18 | 1001148103 | 2 | Pad, 15X67.5X181 | |
| 19 | 1001152330 | 1 | Bracket, Hose Tray | |
| 20 | 0771211 | 2 | Bolt, M12X22, Grade 10.9 | |
| 21 | 1001154174 | AR | Shim, 0.5X45X185 | |
| 22 | 1001154176 | AR | Shim, 0.5X67.5X185 | |
| 23 | 0711214 | 4 | Bolt, M12X30, Grade 10.9 | |
| 26 | 1001147808 | 1 | Assembly, Extend Chain (See EXTEND CHAIN ASSEMBLY - 3614RS for Breakdown) | |
| 27 | 0771210 | 8 | Bolt, M12X20, Grade 10.9 | |
| 28 | 0700610 | 1 | Bolt, M6X20 | |
| 29 | 4811702 | 1 | Washer, M6 | |
| 30 | 1001156947 | 1 | Plate, Clevis | |

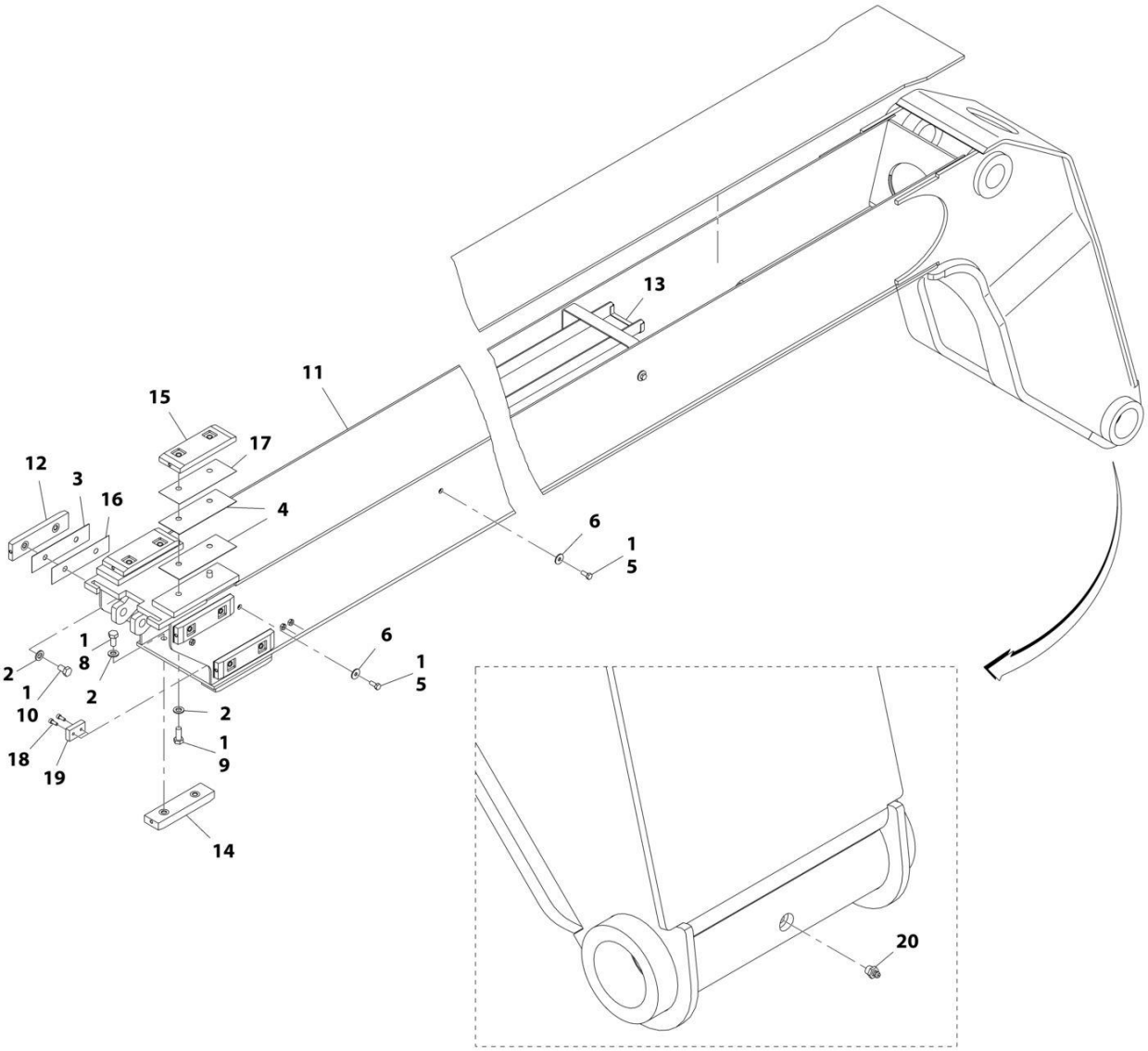
## FIGURE 2-22. THIRD BOOM SECTION - 4017RS



## FIGURE 2-22. THIRD BOOM SECTION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144218 | Ref | Third Boom Section - 4017RS | J |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium | |
| 3 | 1001125117 | AR | Washer | |
| 4 | 1001147731 | AR | Shim, 1X45X185 | |
| 5 | 1001148147 | AR | Shim, 1X67.5X185 | |
| 6 | 1001154174 | AR | Shim, 0.5X45X185 | |
| 7 | 3291205 | 1 | Nut, Lock M12X1.75 | |
| 8 | 1001154176 | AR | Shim, 0.5X67.5X185 | |
| 9 | 7114032 | 1 | Sheave, Extend Chain | |
| 10 | 7117502 | 2 | Bushing, Sheave, Extend Chain | |
| 11 | 7138986 | 1 | Sheave, Retract Chain | |
| 12 | 0771212 | 8 | Bolt, M12X25, Grade 10.9 | |
| 13 | 0771210 | 12 | Bolt, M12X20, Grade 10.9 | |
| 14 | 0711215 | 2 | Bolt, M12X35, Grade 10.9 | |
| 16 | 1001192534 | 1 | Weldment | |
| 17 | 1001147562 | 1 | Pin, Sheave, Extend Chain | |
| 18 | 1001147595 | 1 | Pin, Sheave, Retract Chain | |
| 19 | 1001147657 | 6 | Pad, 15X45X181 | |
| 20 | 1001148100 | 4 | Pad, 22X45X181 | |
| 21 | 1001147730 | 2 | Pad, 34X45X 181 | |
| 22 | 1001148105 | 2 | Pad, 34X67.5X181 | |
| 23 | 0711216 | 2 | Bolt, M12X40, Grade 10.9 | |
| 24 | 0711225 | 3 | Bolt, M12X85, Grade 10.9 | |
| 25 | 1001149327 | 2 | Pad, Spacer | |
| 26 | 2160016 | 1 | Fitting, Grease | |
| 27 | 2160018 | 1 | Fitting, Grease | |
| 28 | 3900362 | 2 | Screw, M6-1X12 | |
| 29 | 1001153960 | 1 | Bracket, Pin Retainer | |
| 30 | 0711214 | 2 | Capscrew, 12X30 | |

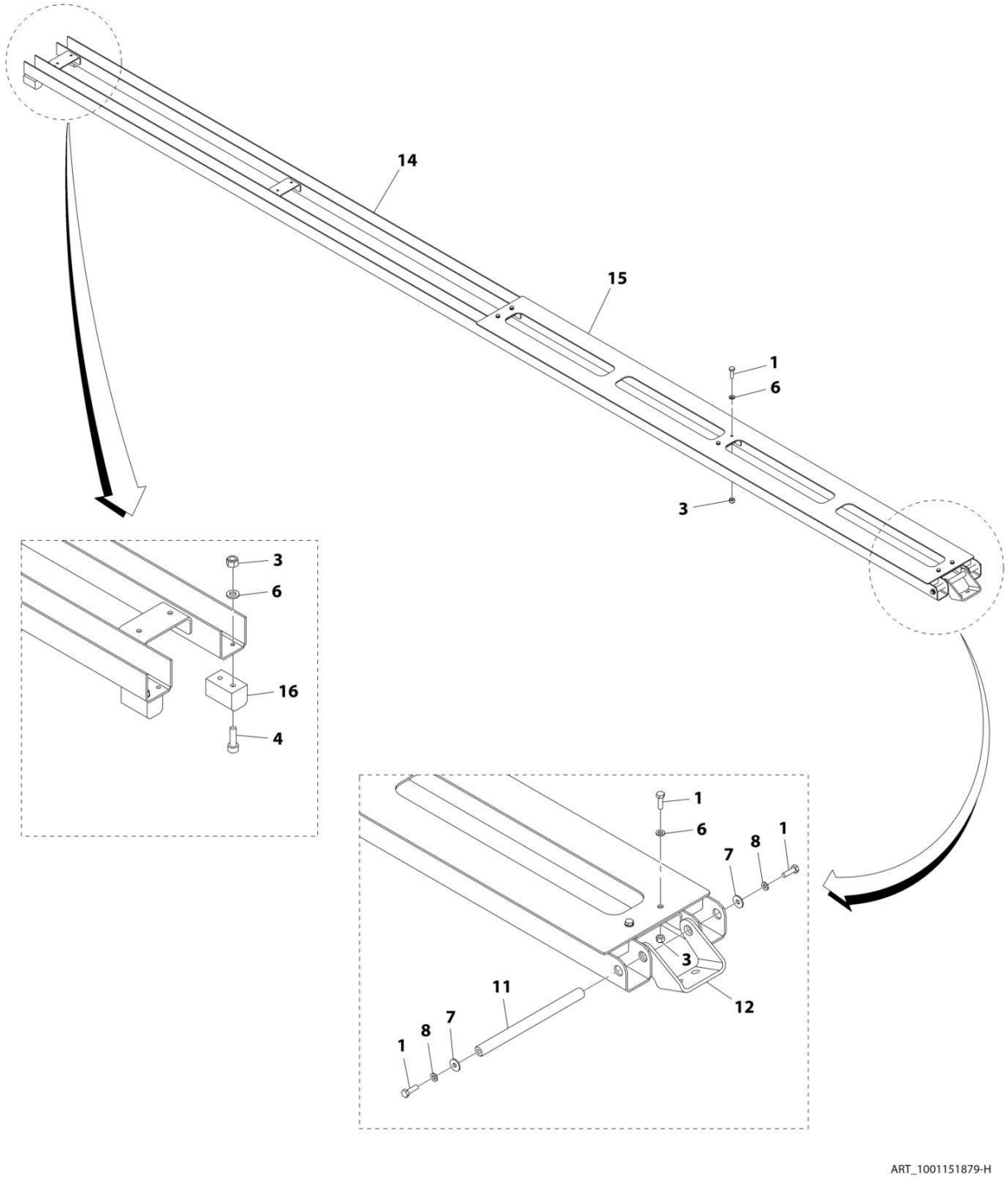
## FIGURE 2-23. FOURTH BOOM SECTION - 4017RS



## FIGURE 2-23. FOURTH BOOM SECTION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144244 | Ref | Fourth Boom Section - 4017RS | N |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001125117 | AR | Washer | |
| 3 | 1001147731 | AR | Shim, 1X45X185 | |
| 4 | 1001148147 | AR | Shim, 1X67.5X185 | |
| 5 | 0760808 | 12 | Bolt, M8X20 | |
| 6 | 4811902 | 12 | Washer, M8 | |
| 8 | 0771212 | 4 | Bolt, M12X25, Grade 10.9 | |
| 9 | 0711214 | 4 | Bolt, M12X30, Grade 10.9 | |
| 10 | 0771210 | 8 | Bolt, M12X20, Grade 10.9 | |
| 11 | 1001144245 | 1 | Weldment | |
| 12 | 1001147657 | 4 | Pad, 15X45X181 | |
| 13 | 1001147902 | 1 | Support, Hose | |
| 14 | 1001148100 | 2 | Pad, 22X45X181 | |
| 15 | 1001148103 | 2 | Pad, 15X67.5X181 | |
| 16 | 1001154174 | AR | Shim, 0.5X45X185 | |
| 17 | 1001154176 | AR | Shim, 0.5X67.5X185 | |
| 18 | 4031707 | 8 | Screw, M6X16 | |
| 19 | 1001147914 | 4 | Pad, Hose Support | |
| 20 | 2160016 | 1 | Fitting, Grease | |

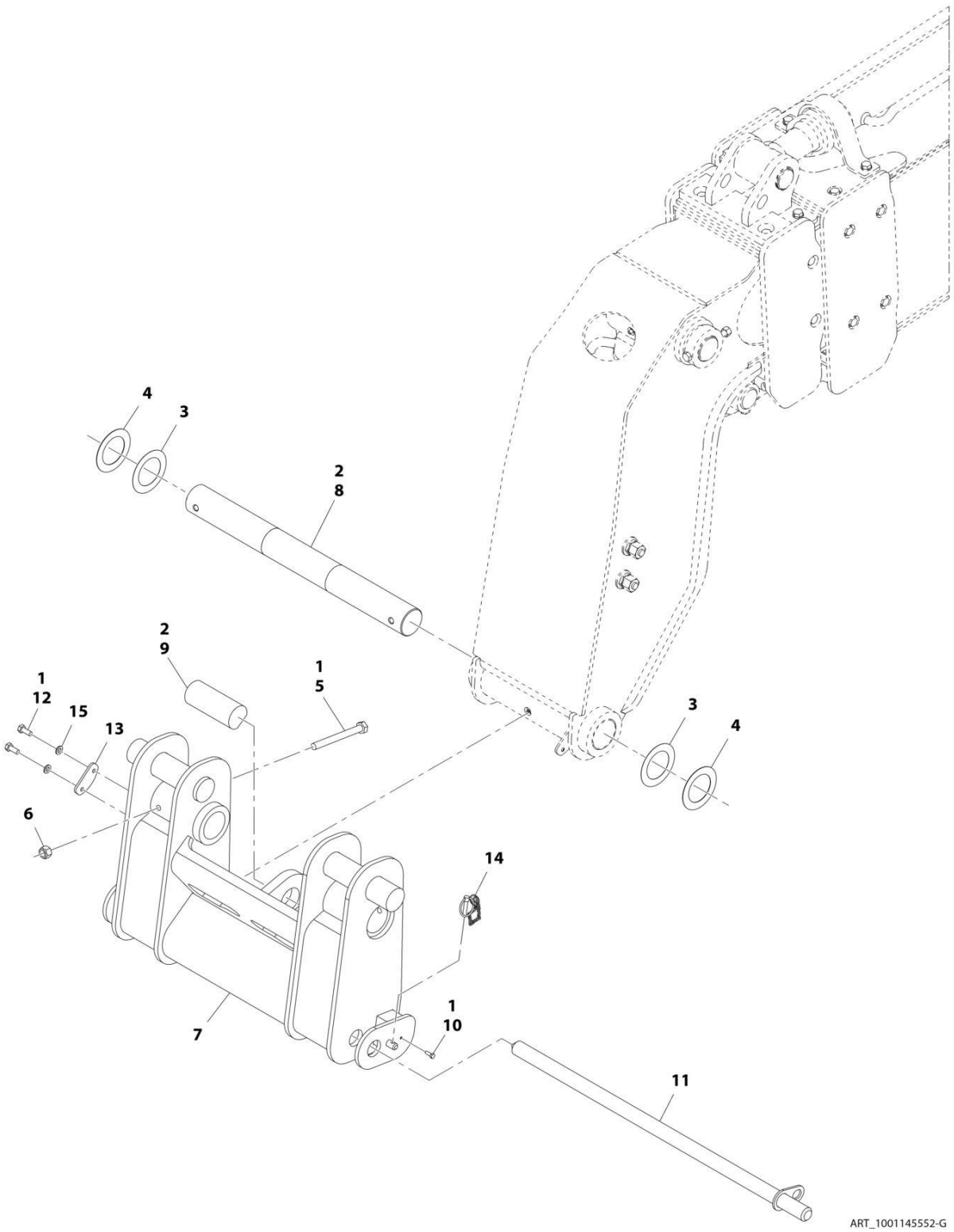
## FIGURE 2-24. HOSE SUPPORT ASSEMBLY - 4017RS



## FIGURE 2-24. HOSE SUPPORT ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151879 | Ref | Hose Support Assembly - 4017RS | H |
| 1 | 0760610 | 8 | Bolt, M6X20 | |
| 3 | 3290605 | 10 | Nut, Lock M6X1 | |
| 4 | 4031708 | 4 | Bolt, M6X20 | |
| 6 | 4811700 | 16 | Washer, M6 | |
| 7 | 4811702 | 2 | Washer, M6 | |
| 8 | 4831700 | 2 | Washer, Lock 6 | |
| 11 | 1001174625 | 1 | Bar, Support | |
| 12 | 1001174627 | 1 | Bracket, Support | |
| 14 | 1001177122 | 1 | Support, Hose | |
| 15 | 1001163539 | 1 | Panel, Tray | |
| 16 | 1001166995 | 2 | Pad, Hose Tray | |

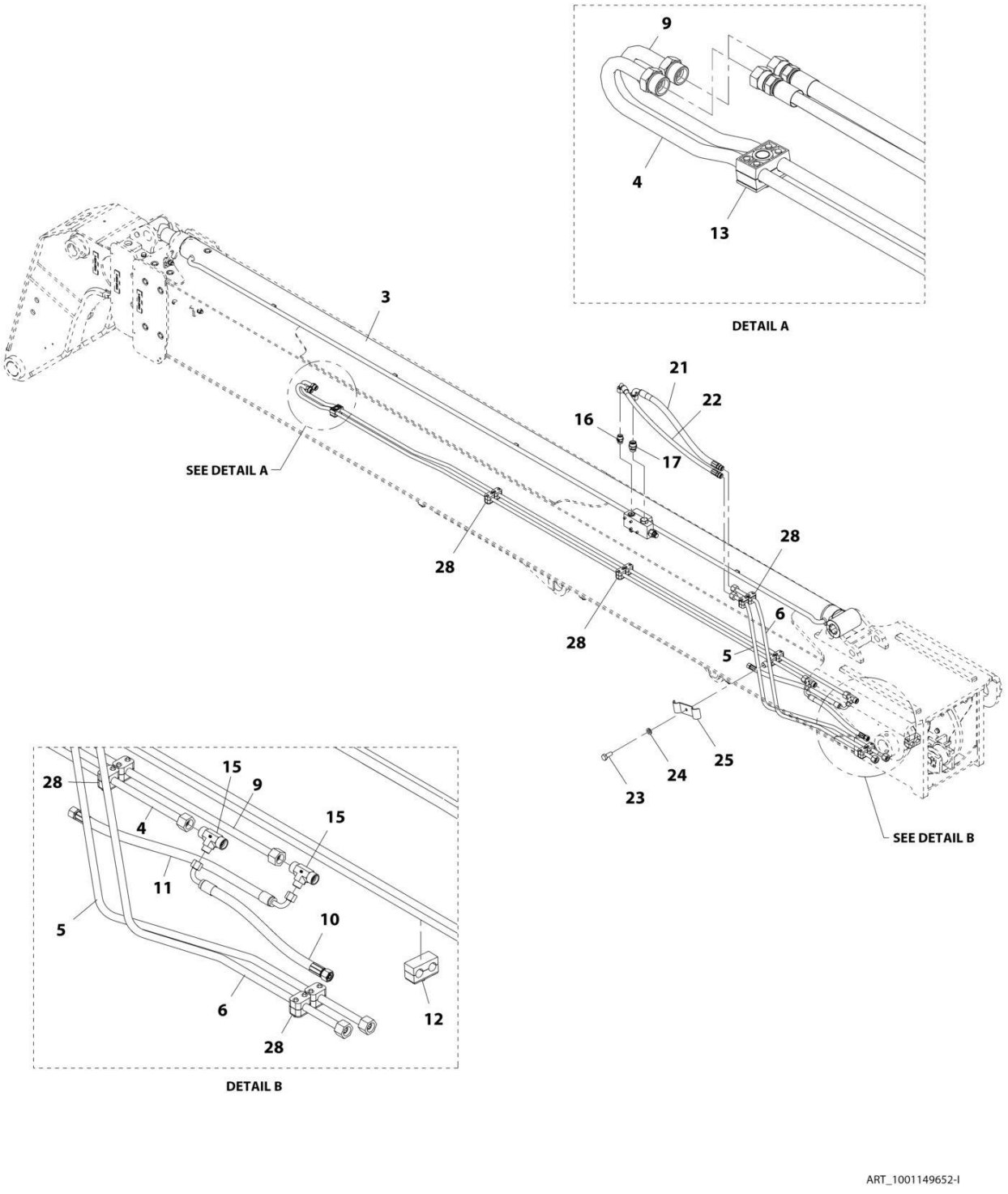
## FIGURE 2-25. MANUAL QUICK ATTACH



## FIGURE 2-25. MANUAL QUICK ATTACH

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145552 | Ref | Manual Quick Attach | G |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001098457 | AR | Lube, Lithium Grease | |
| 3 | 1001098146 | AR | Shim, 72X110X 0.5 | |
| 4 | 1001098147 | AR | Shim, 72X110X1.0 | |
| 5 | 0711229 | 2 | Bolt, M12X120, Grade 10.9 | |
| 6 | 3291205 | 2 | Nut, Lock M12X1.75 | |
| 7 | N.S.S. | 1 | Weldment | |
| 8 | 1001147843 | 1 | Pin, Coupler | |
| 9 | 1001147844 | 1 | Pin, Coupler | |
| 10 | 0700507 | 1 | Bolt, M5X14 | |
| 11 | 1001162636 | 1 | Pin, Coupler | |
| 12 | 0760810 | 2 | Bolt, M8X20 | |
| 13 | 1001192350 | 1 | Plate, Pin Retention | |
| 14 | 1001149923 | 1 | Chain, Retaining Pin | |
| 15 | 4811900 | 2 | Washer, M8 | |

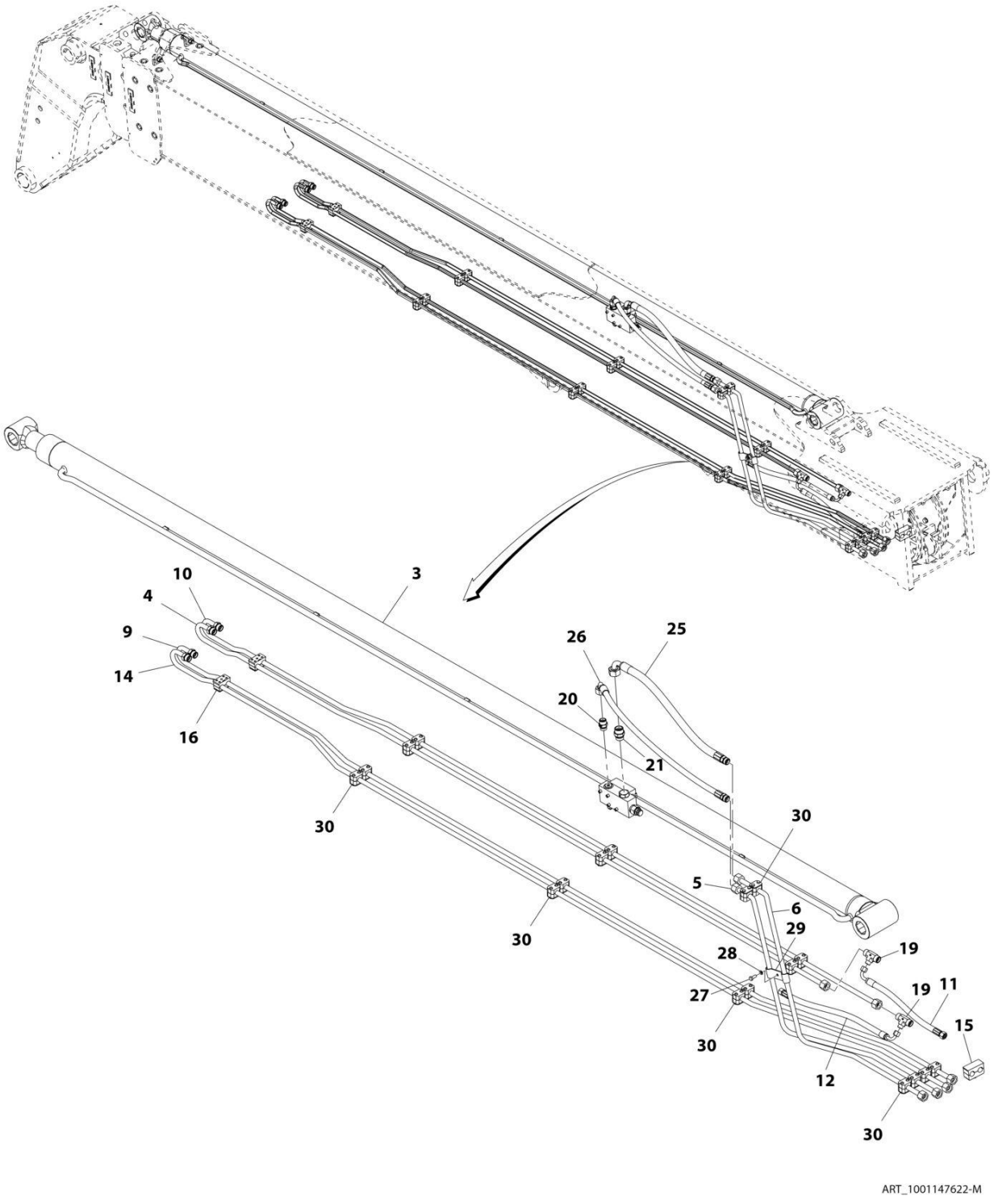
## FIGURE 2-26. HYDRAULICS INSTALLATION - 3614RS (NO AUXILIARY HYDRAULICS)



## FIGURE 2-26. HYDRAULICS INSTALLATION - 3614RS (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149652 | Ref | Hydraulics Installation - 3614RS (no auxiliary hydraulics) | I |
| 3 | 1001144195 | 1 | Cylinder, Extend/Retract (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 4 | 1001180495 | 1 | Tube, Boom | |
| 5 | 1001180503 | 1 | Tube, Boom | |
| 6 | 1001180504 | 1 | Tube, Boom | |
| 9 | 1001180496 | 1 | Tube, Boom | |
| 10 | 1001166932 | 1 | Hose | |
| 11 | 1001166931 | 1 | Hose | |
| 12 | 1001148371 | 1 | Clamp, Tube | |
| 13 | 1001148372 | 1 | Clamp, Tube | |
| 15 | 1001162852 | 2 | Adapter | |
| 16 | 2144823 | 1 | Connector | |
| 17 | 2144826 | 1 | Connector | |
| 21 | 1001168924 | 1 | Hose | |
| 22 | 1001180506 | 1 | Hose | |
| 23 | 0700810 | 1 | Bolt, M8X20 | |
| 24 | 4831900 | 1 | Washer, Lock 8 | |
| 25 | 1001178098 | 1 | Bracket, Pipe Guide | |
| 28 | 1001211353 | 10 | Clamp Kit | |

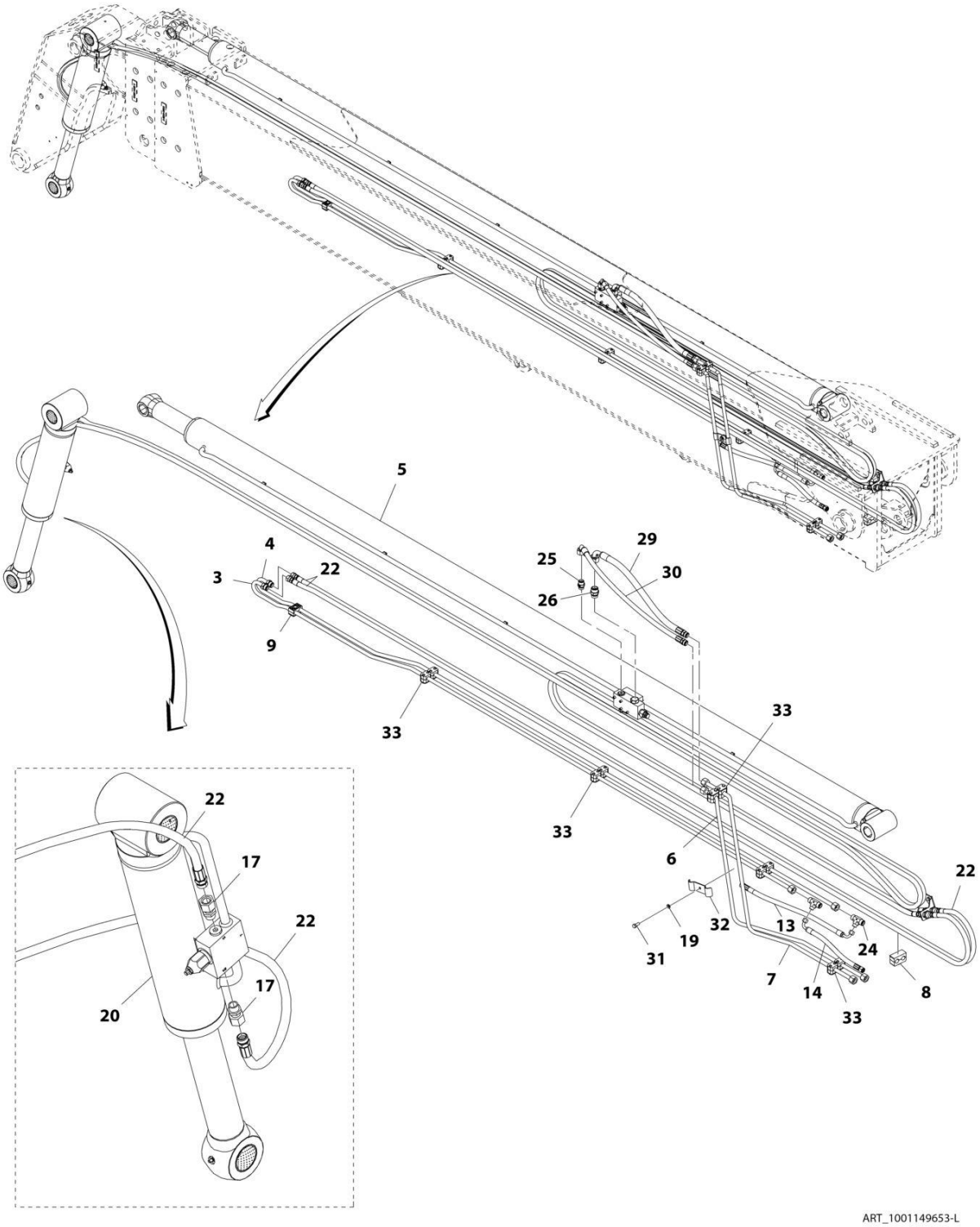
## FIGURE 2-27. HYDRAULICS INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)



## FIGURE 2-27. HYDRAULICS INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147622 | Ref | Hydraulics Installation - 3614RS (auxiliary hydraulics) | M |
| 3 | 1001144195 | 1 | Cylinder, Extend/Retract (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 4 | 1001180495 | 1 | Tube, Boom | |
| 5 | 1001180503 | 1 | Tube, Boom | |
| 6 | 1001180504 | 1 | Tube, Boom | |
| 9 | 1001180499 | 1 | Tube, Boom | |
| 10 | 1001180496 | 1 | Tube, Boom | |
| 11 | 1001166932 | 1 | Hose | |
| 12 | 1001166931 | 1 | Hose | |
| 14 | 1001180500 | 1 | Tube, Boom | |
| 15 | 1001148371 | 1 | Clamp, Tube | |
| 16 | 1001148372 | 2 | Clamp, Tube | |
| 19 | 1001162852 | 2 | Adapter | |
| 20 | 2144823 | 1 | Connector | |
| 21 | 2144826 | 1 | Connector | |
| 25 | 1001168924 | 1 | Hose | |
| 26 | 1001180506 | 1 | Hose | |
| 27 | 0700810 | 1 | Bolt, M8X20 | |
| 28 | 4831900 | 1 | Washer, Lock 8 | |
| 29 | 1001178098 | 1 | Bracket, Pipe Guide | |
| 30 | 1001211353 | 18 | Clamp Kit | |

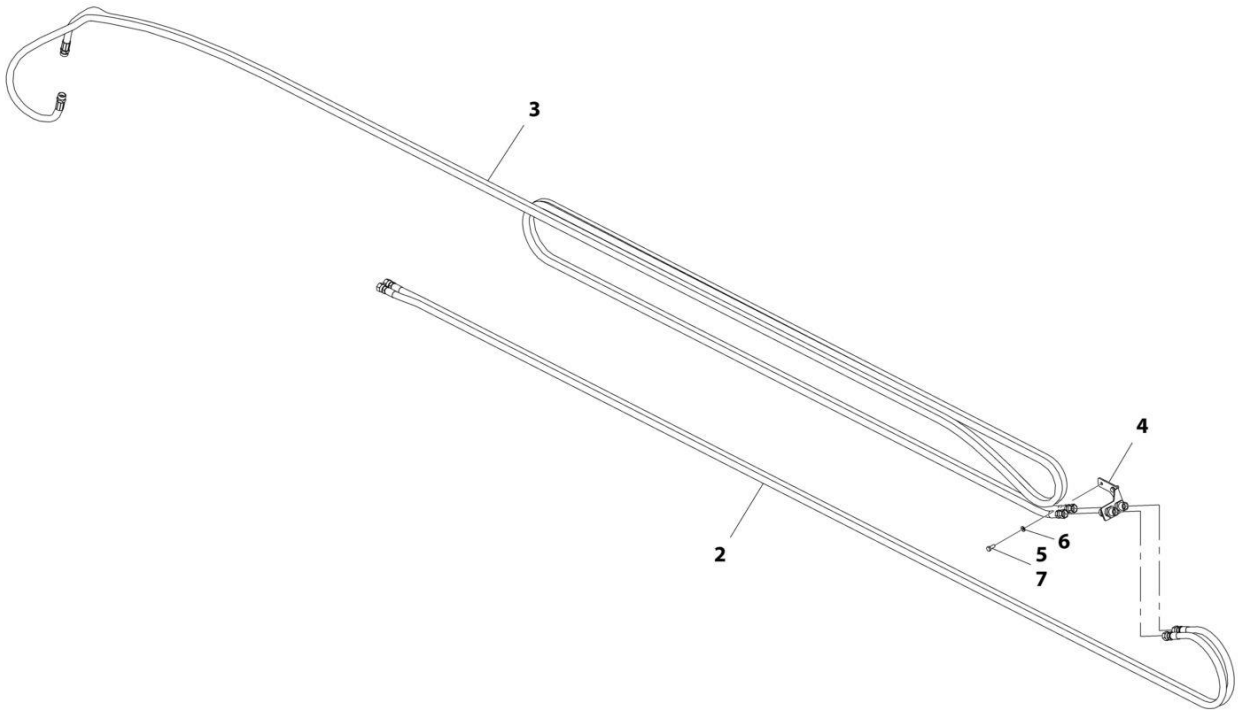
## FIGURE 2-28. HYDRAULICS INSTALLATION - 4017RS



## FIGURE 2-28. HYDRAULICS INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149653 | Ref | Hydraulics Installation - 4017RS | L |
| 3 | 1001145229 | 1 | Tube, Boom **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 3 | 1001186405 | 1 | Tube, Boom **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 4 | 1001145437 | 1 | Tube, Boom **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 4 | 1001186406 | 1 | Tube, Boom **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 5 | 1001146579 | Ref | Cylinder, Extend/Retract (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 6 | 1001148304 | 1 | Tube, Boom **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 6 | 1001180507 | 1 | Tube, Boom **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 7 | 1001148305 | 1 | Tube, Boom **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 7 | 1001180508 | 1 | Tube, Boom **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 116007937, 116007941 and 116007946)** | |
| 8 | 1001148371 | 1 | Clamp, Tube | |
| 9 | 1001148372 | 1 | Clamp, Tube | |
| 13 | 1001166931 | 1 | Hose | |
| 14 | 1001166932 | 1 | Hose | |
| 17 | 2142816 | 2 | Connector | |
| 19 | 4831900 | 1 | Washer, Lock 8 | |
| 20 | 1001144198 | Ref | Cylinder, Tilt (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007024 through 1160007470)** | |
| 20 | 1001174556 | Ref | Cylinder, Tilt (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007470 through 1160008790)** | |
| 22 | 1001149536 | Ref | Assembly, Boom Hydraulics (See HYDRAULICS ASSEMBLY - 4017RS for Breakdown) | |
| 24 | 1001162852 | 2 | Adapter | |
| 25 | 2144823 | 1 | Connector | |
| 26 | 2144826 | 1 | Connector | |
| 27 | 4031914 | 4 | Bolt, M8X50 (not shown) **(SN 1160007024 through 1160007470)** | |
| 28 | 1001168597 | Ref | Valve, Counterbalance (not shown) **(SN 1160007024 through 1160007470)** | |
| 29 | 1001168924 | 1 | Hose | |
| 30 | 1001180506 | 1 | Hose | |
| 31 | 0700810 | 1 | Bolt, M8X20 | |
| 32 | 1001178098 | 1 | Bracket, Pipe Guide | |
| 33 | 1001211353 | 10 | Clamp Kit | |

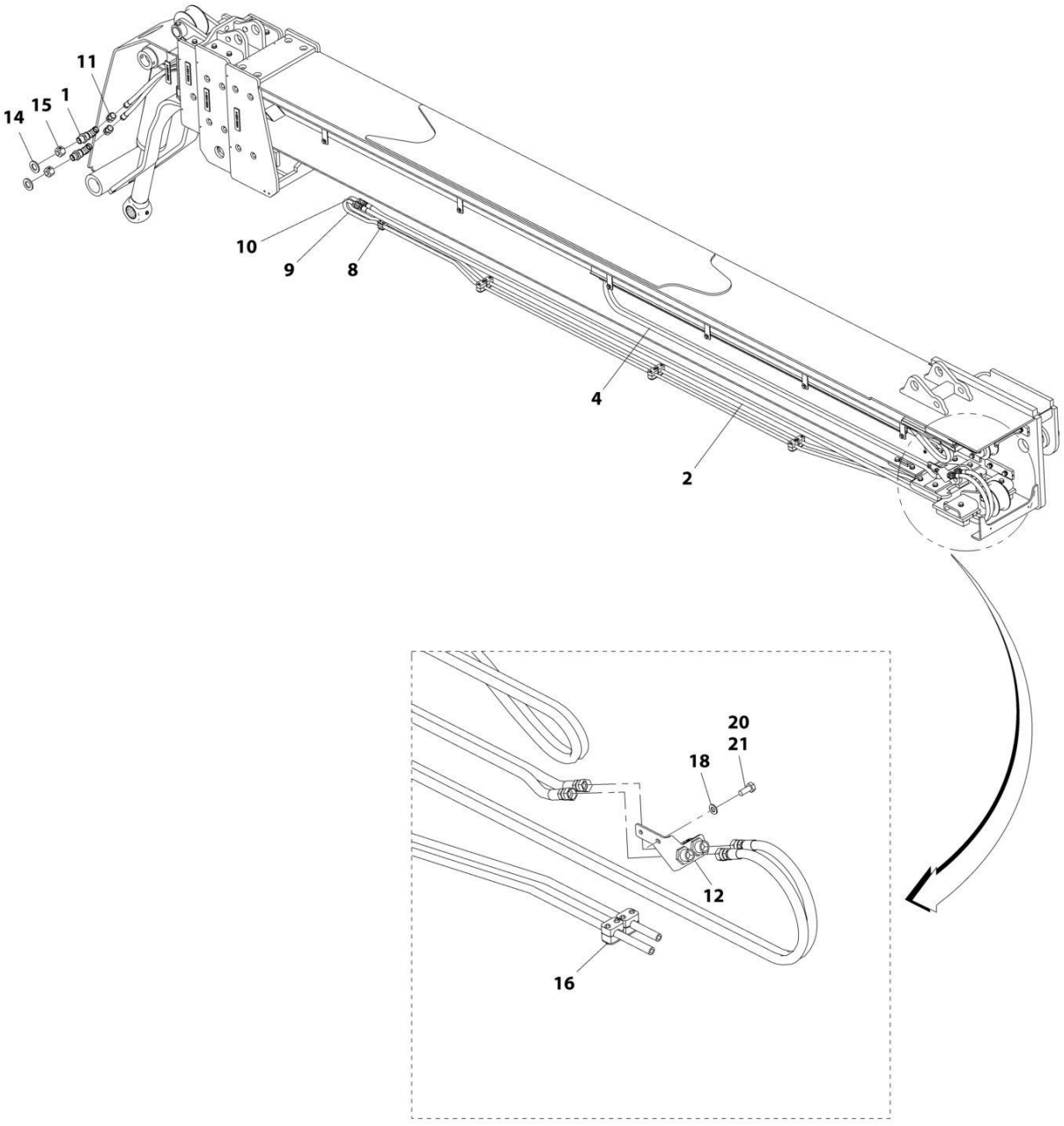
## FIGURE 2-29. HYDRAULICS ASSEMBLY - 4017RS



## FIGURE 2-29. HYDRAULICS ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149536 | Ref | Hydraulics Assembly - 4017RS | F |
| 2 | 1001149130 | 1 | Hose **(SN 1160007024 through 1160007470)** | |
| 2 | 1001180512 | 1 | Hose **(SN 1160007470 through 1160008790)** | |
| 3 | 1001149132 | 1 | Hose **(SN 1160007024 through 1160007470)** | |
| 3 | 1001191367 | 1 | Hose **(SN 1160007470 through 1160008790)** | |
| 4 | 1001170802 | 1 | Bracket **(SN 1160007024 through 1160007470)** | |
| 4 | 1001189881 | 1 | Bracket **(SN 1160007470 through 1160008790)** | |
| 5 | 0700810 | 2 | Bolt, M8X20 | |
| 6 | 4811900 | 2 | Washer, M8 | |
| 7 | 1001095650 | AR | Compound, Locking | |

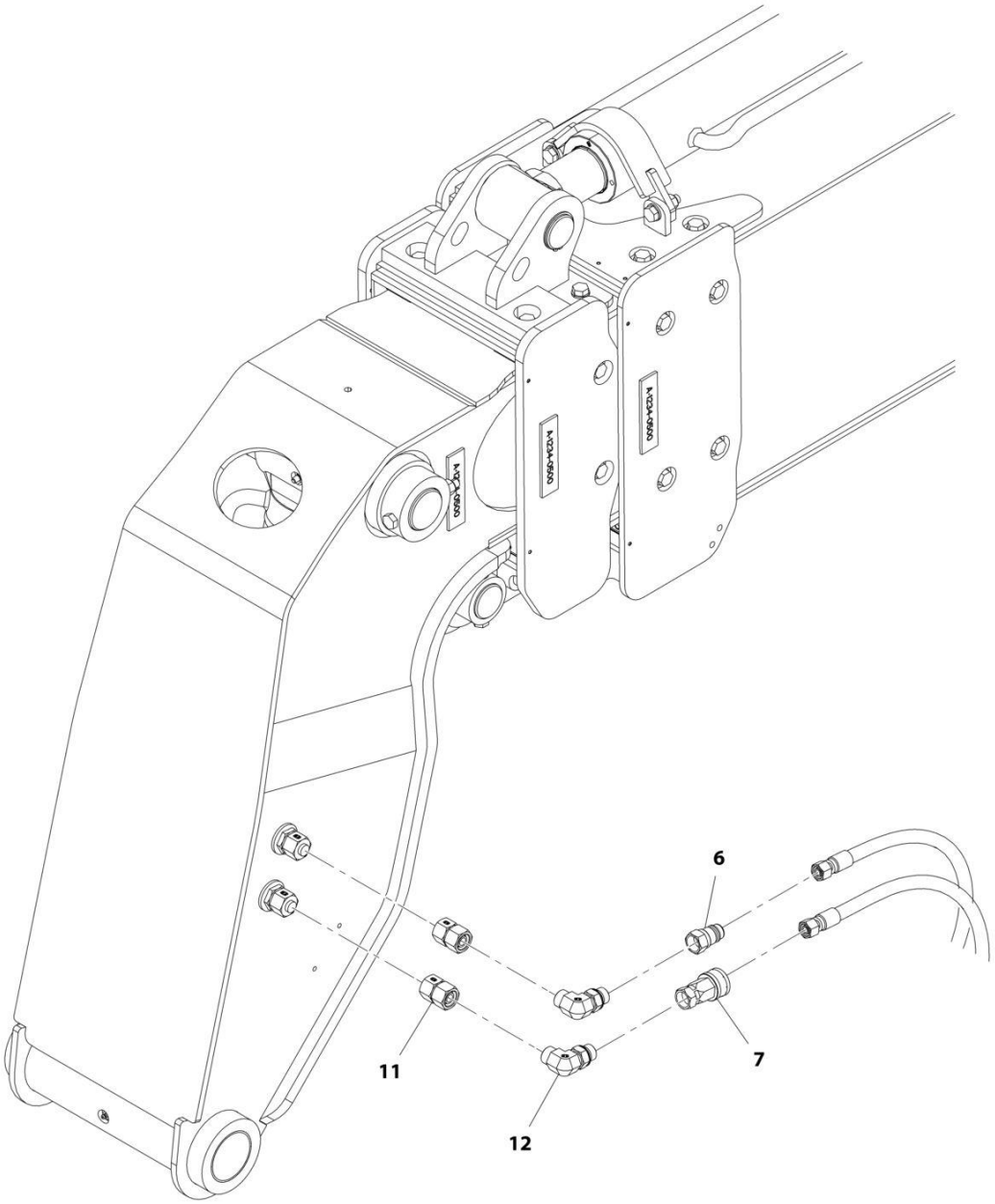
## FIGURE 2-30. HYDRAULICS INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)



## FIGURE 2-30. HYDRAULICS INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149133 | Ref | Hydraulics Installation - 4017RS (auxiliary hydraulics) | K |
| 1 | 2143316 | 2 | Connector | |
| 2 | 1001180512 | 1 | Hose | |
| 4 | 1001191363 | 1 | Hose | |
| 8 | 1001148372 | 1 | Clamp, Tube | |
| 9 | 1001180500 | 1 | Tube, Boom | |
| 10 | 1001180499 | 1 | Tube, Boom | |
| 11 | 2143616 | 2 | Connector | |
| 12 | 1001189953 | 1 | Pipe | |
| 14 | 4812700 | 2 | Washer, M24 | |
| 15 | 2142516 | 2 | Adapter, Cap | |
| 16 | 1001211353 | 8 | Clamp Kit | |
| 18 | 4811900 | 2 | Washer, M8 | |
| 20 | 0700810 | 2 | Bolt, M8X20 | |
| 21 | 1001095650 | AR | Compound, Locking | |

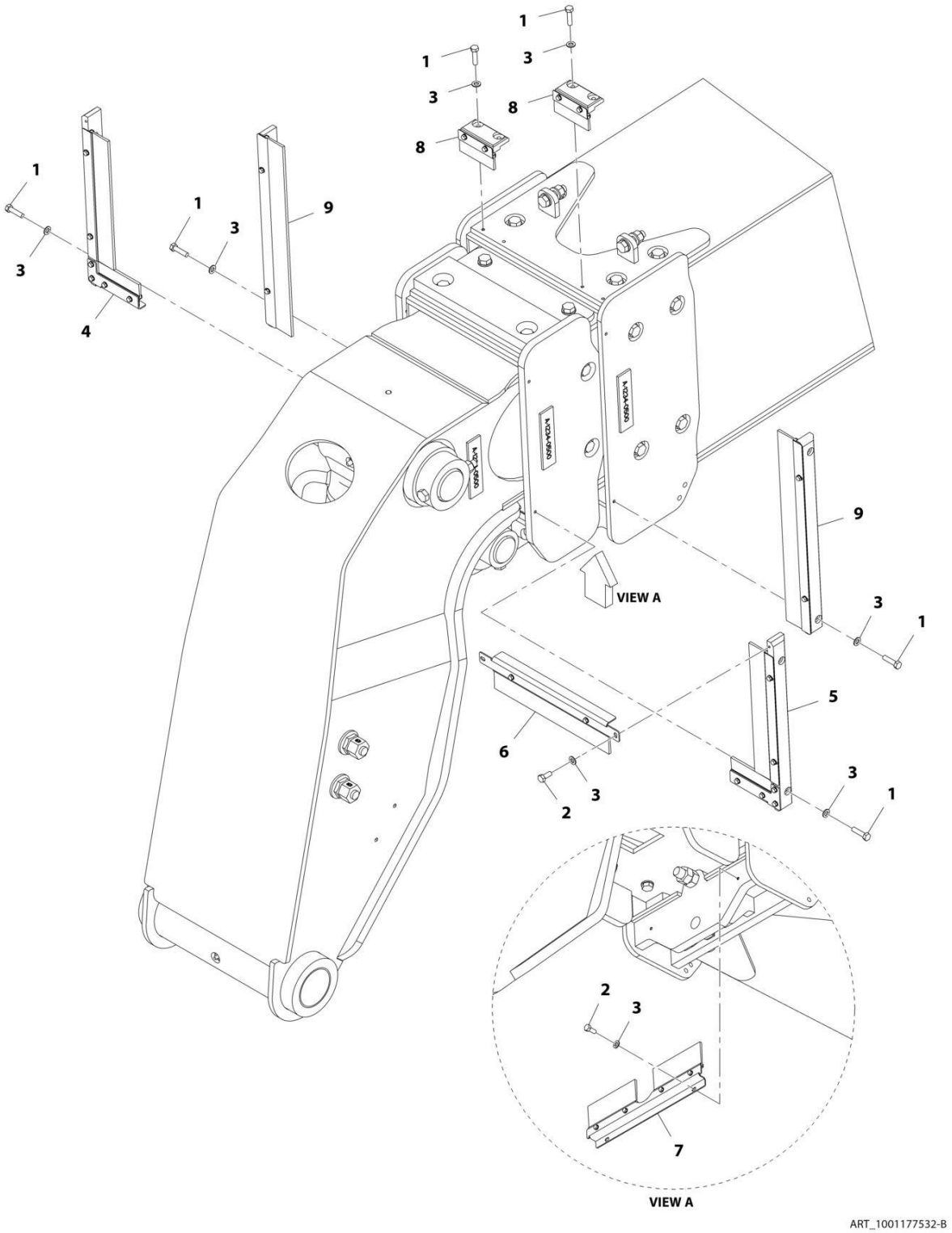
## FIGURE 2-31. AUXILIARY LINES INSTALLATION



## FIGURE 2-31. AUXILIARY LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001172106 | Ref | Auxiliary Lines Installation | B |
| 6 | 1001101041 | 1 | Coupling, Male | |
| 7 | 1001101042 | 1 | Coupling, Female | |
| 11 | 2143616 | 2 | Connector | |
| 12 | 1001201043 | 2 | Adaptor | |

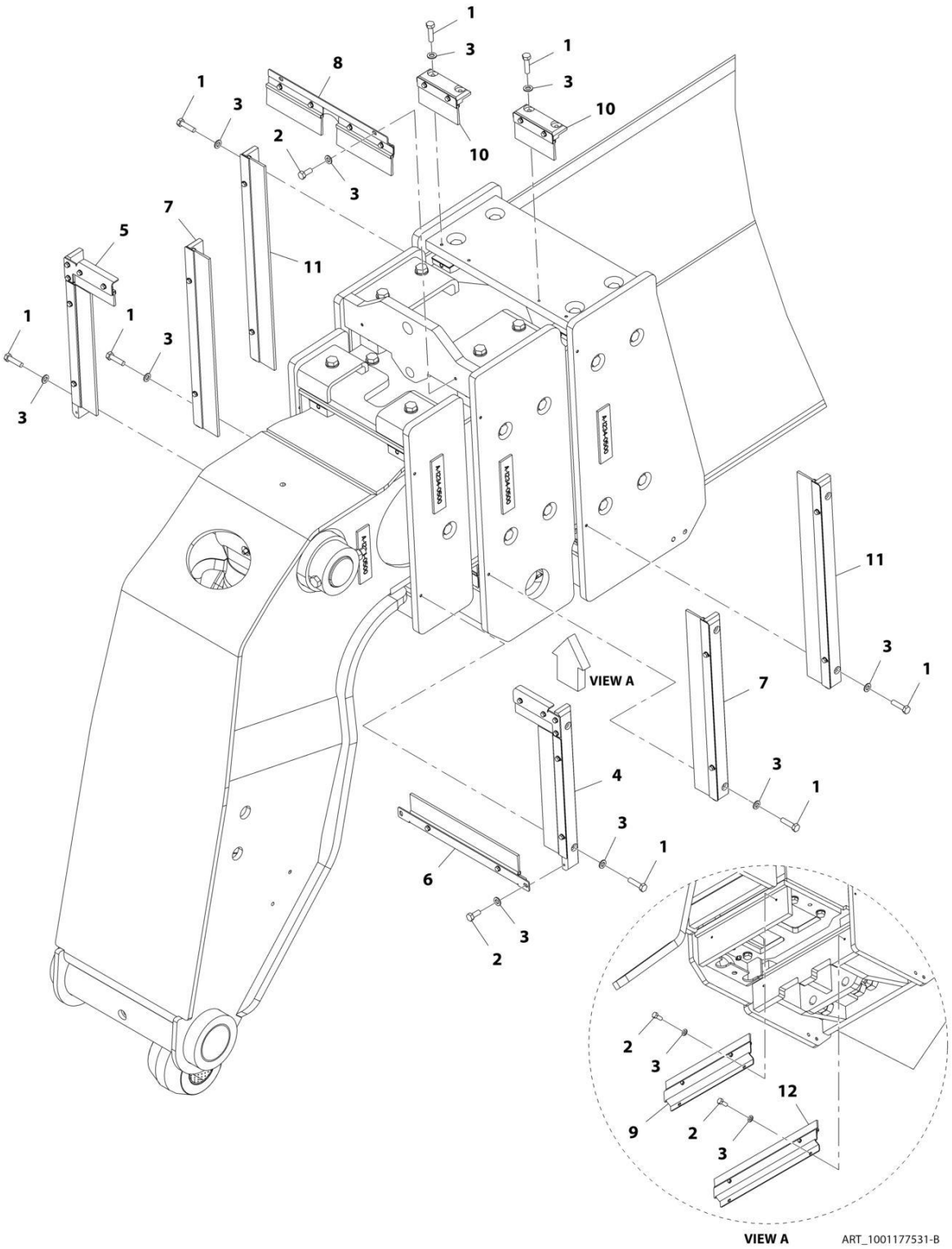
## FIGURE 2-32. BOOM BRUSH INSTALLATION - 3614RS



## FIGURE 2-32. BOOM BRUSH INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177532 | Ref | Boom Brush Installation - 3614RS (If equipped) | B |
| 1 | 0700510 | 12 | Screw, M5X20 | |
| 2 | 0760506 | 4 | Screw, M5X12 | |
| 3 | 4811600 | 16 | Washer, M5 | |
| 4 | 1001176776 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (1) for Breakdown) | |
| 5 | 1001176803 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (2) for Breakdown) | |
| 6 | 1001176903 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (3) for Breakdown) | |
| 7 | 1001176944 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (4) - 3614RS for Breakdown) | |
| 8 | 1001177274 | 2 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (5) - 3614RS for Breakdown) | |
| 9 | 1001177320 | 2 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (6) for Breakdown) | |

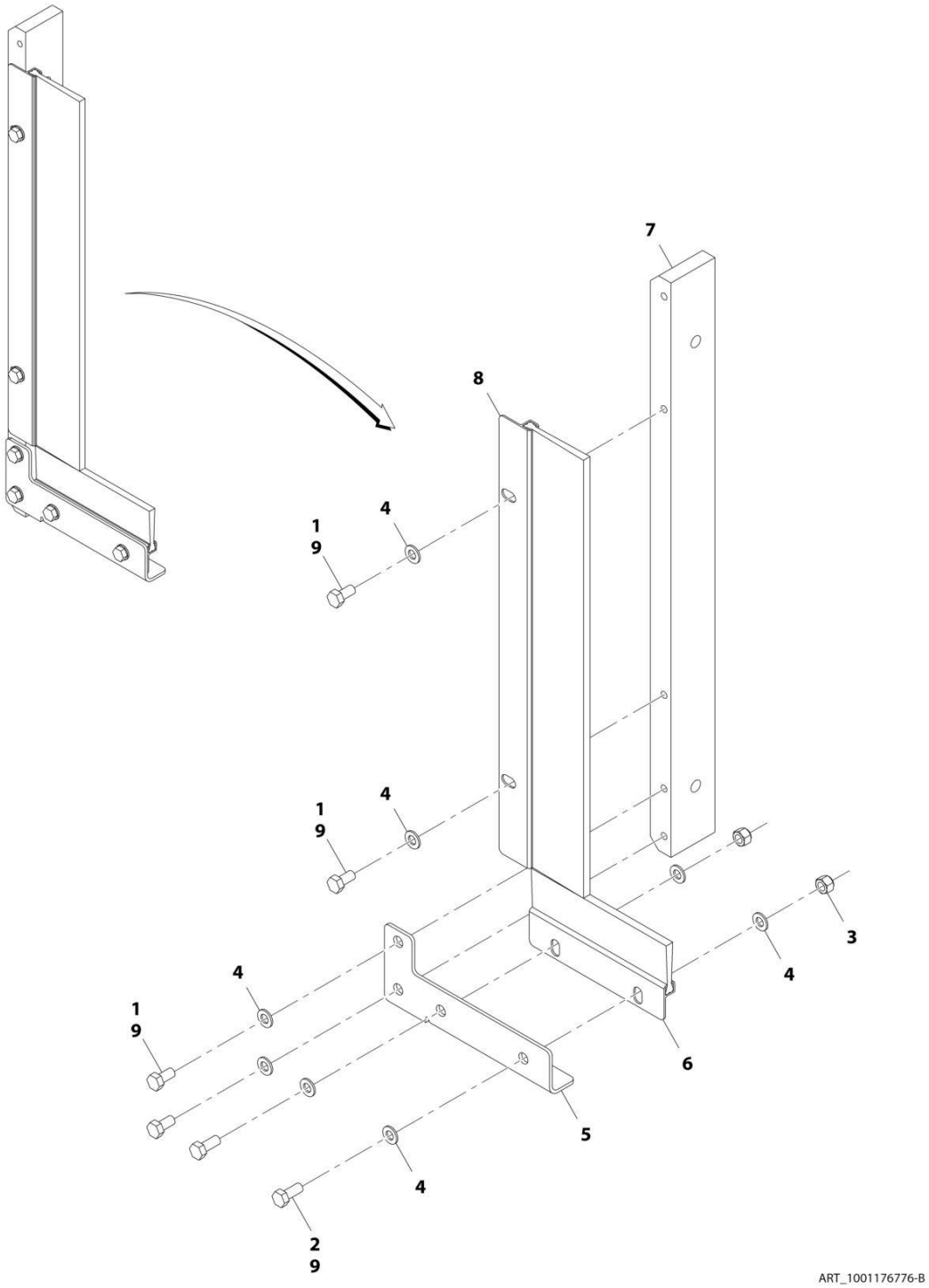
## FIGURE 2-33. BOOM BRUSH INSTALLATION - 4017RS



## FIGURE 2-33. BOOM BRUSH INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177531 | Ref | Boom Brush Installation - 4017RS (If equipped) | B |
| 1 | 0700510 | 16 | Bolt, M5X20 | |
| 2 | 0760506 | 8 | Bolt, M5X12 | |
| 3 | 4811600 | 24 | Washer, M5 | |
| 4 | 1001176776 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (1) for Breakdown) | |
| 5 | 1001176803 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (2) for Breakdown) | |
| 6 | 1001176903 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (3) for Breakdown) | |
| 7 | 1001177320 | 2 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (6) for Breakdown) | |
| 8 | 1001177342 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (7) - 4017RS for Breakdown) | |
| 9 | 1001177396 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (8) - 4017RS for Breakdown) | |
| 10 | 1001177411 | 2 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (9) - 4017RS for Breakdown) | |
| 11 | 1001177439 | 2 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (10) - 4017RS for Breakdown) | |
| 12 | 1001177445 | 1 | Bracket, Boom Brush (See BOOM BRUSH BRACKET ASSEMBLY (11) - 4017RS for Breakdown) | |

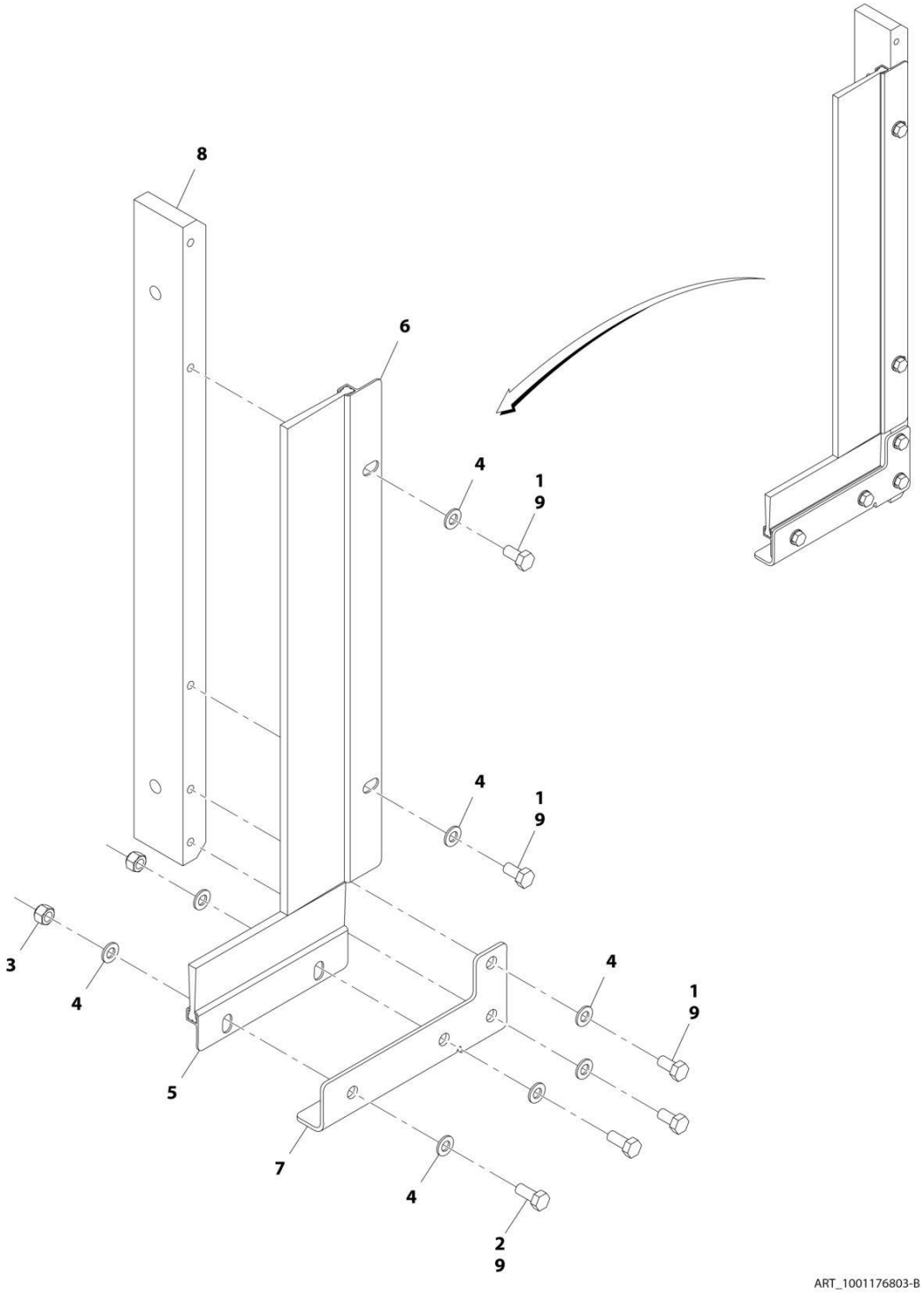
## FIGURE 2-34. BOOM BRUSH BRACKET ASSEMBLY (1)



## FIGURE 2-34. BOOM BRUSH BRACKET ASSEMBLY (1)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176776 | Ref | Boom Brush Bracket Assembly | B |
| 1 | 0760505 | 4 | Bolt, M5X10 | |
| 2 | 0760506 | 2 | Bolt, M5X12 | |
| 3 | 3290505 | 2 | Nut, Lock M5X0.8 | |
| 4 | 4811600 | 8 | Washer, M5 | |
| 5 | 1001176714 | 1 | Bracket | |
| 6 | 1001176763 | 1 | Seal | |
| 7 | 1001176768 | 1 | Bracket | |
| 8 | 1001176773 | 1 | Seal | |
| 9 | 1001095650 | AR | Compound, Locking | |

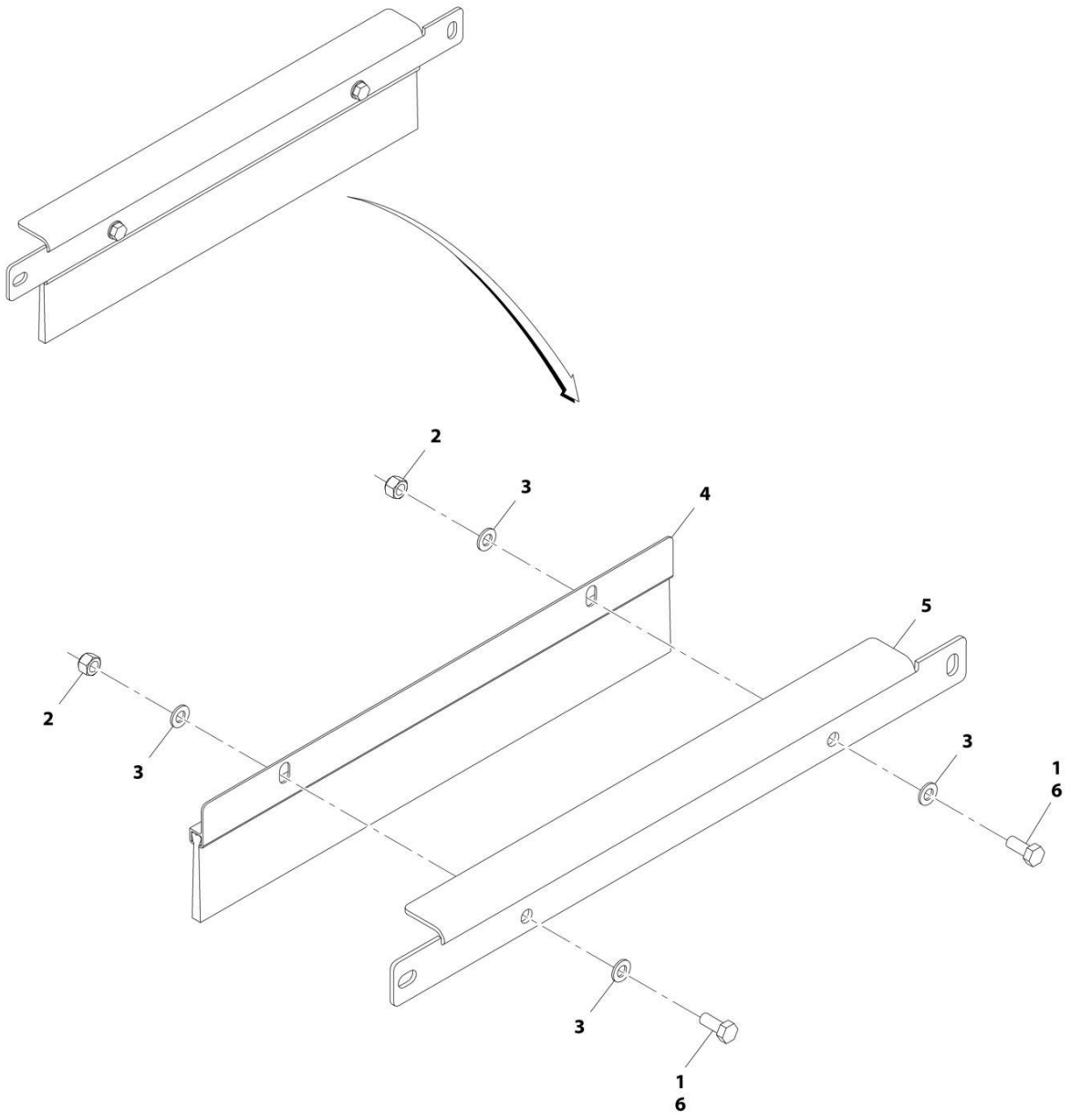
## FIGURE 2-35. BOOM BRUSH BRACKET ASSEMBLY (2)



## FIGURE 2-35. BOOM BRUSH BRACKET ASSEMBLY (2)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176803 | Ref | Boom Brush Bracket Assembly | B |
| 1 | 0760505 | 4 | Bolt, M5X10 | |
| 2 | 0760506 | 2 | Bolt, M5X12 | |
| 3 | 3290505 | 2 | Nut, Lock M5X0.8 | |
| 4 | 4811600 | 8 | Washer, M5 | |
| 5 | 1001176763 | 1 | Seal | |
| 6 | 1001176773 | 1 | Seal | |
| 7 | 1001176791 | 1 | Bracket | |
| 8 | 1001176798 | 1 | Bracket | |
| 9 | 1001095650 | AR | Compound, Locking | |

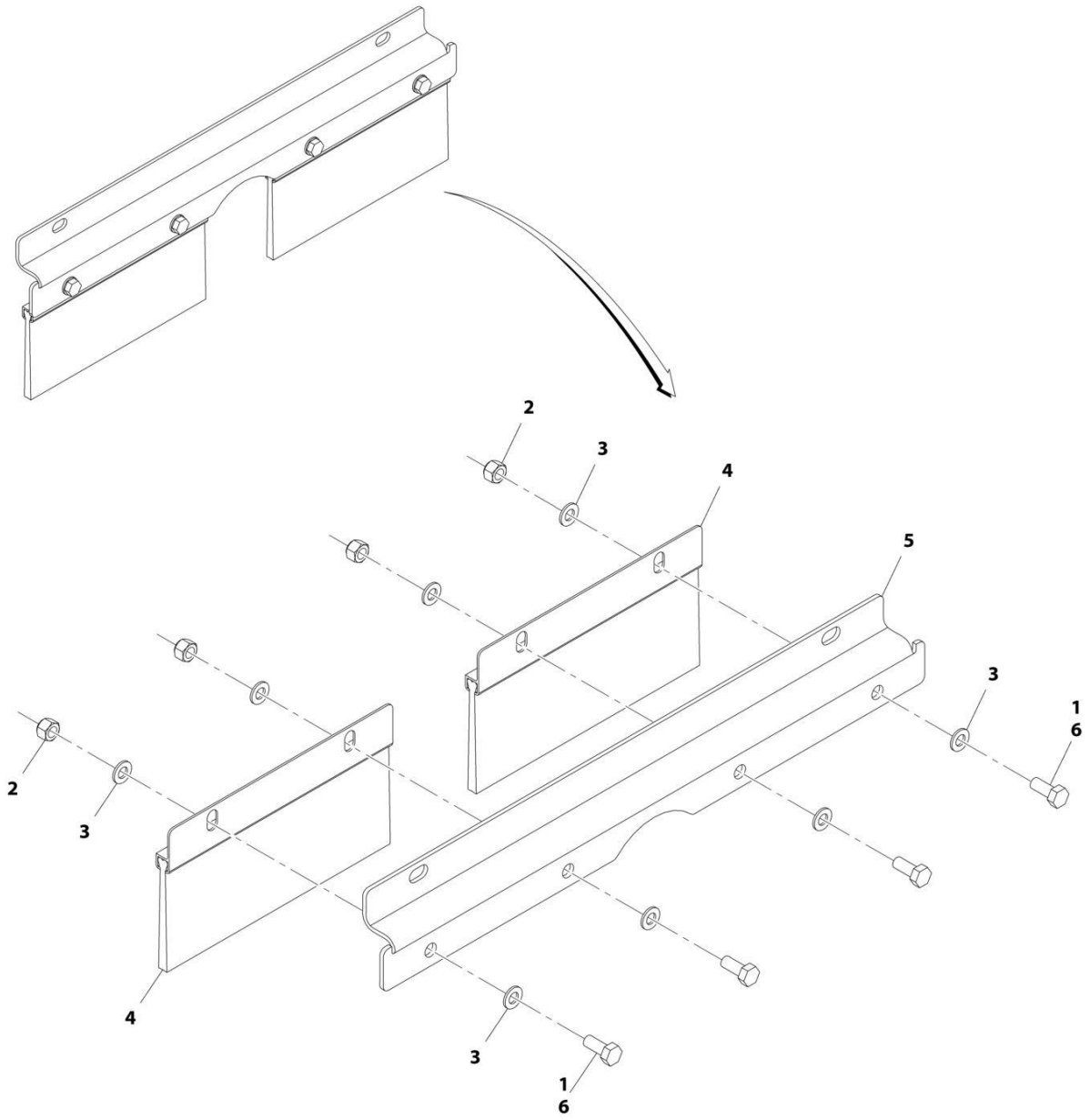
## FIGURE 2-36. BOOM BRUSH BRACKET ASSEMBLY (3)



## FIGURE 2-36. BOOM BRUSH BRACKET ASSEMBLY (3)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176903 | Ref | Boom Brush Bracket Assembly | A |
| 1 | 0760506 | 2 | Bolt, M5X12 | |
| 2 | 3290505 | 2 | Nut, Lock M5X0.8 | |
| 3 | 4811600 | 4 | Washer, M5 | |
| 4 | 1001176773 | 1 | Seal | |
| 5 | 1001176904 | 1 | Bracket | |
| 6 | 1001095650 | AR | Compound, Locking | |

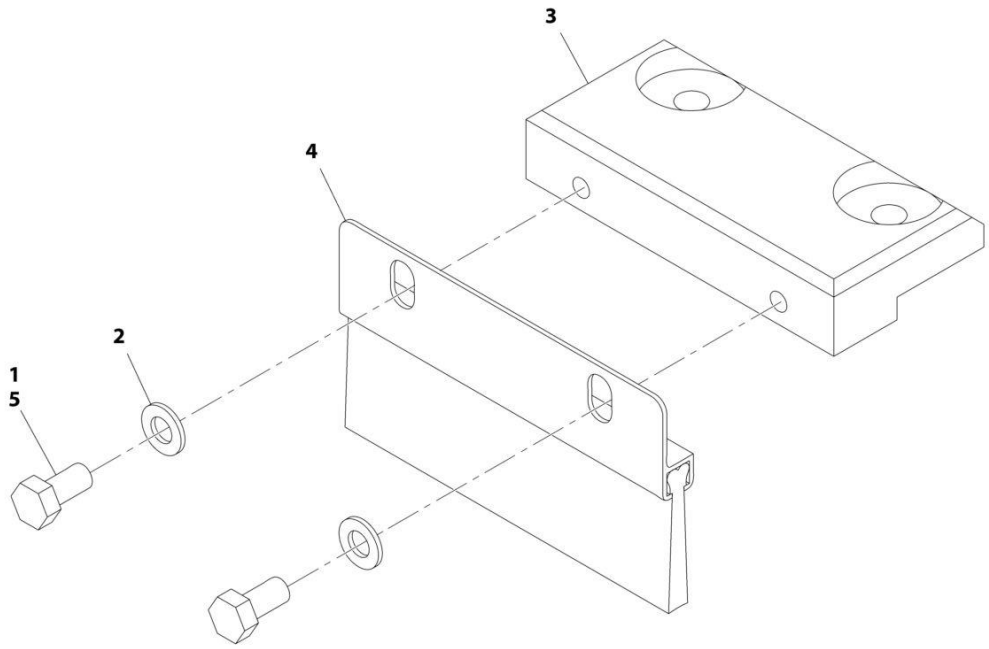
## FIGURE 2-37. BOOM BRUSH BRACKET ASSEMBLY (4) - 3614RS



## FIGURE 2-37. BOOM BRUSH BRACKET ASSEMBLY (4) - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001176944 | Ref | Boom Brush Bracket Assembly - 3614RS | A |
| 1 | 0760506 | 4 | Bolt, M5X12 | |
| 2 | 3290505 | 4 | Nut, Lock M5X0.8 | |
| 3 | 4811600 | 8 | Washer, M5 | |
| 4 | 1001177265 | 2 | Seal | |
| 5 | 1001177266 | 1 | Bracket | |
| 6 | 1001095650 | AR | Compound, Locking | |

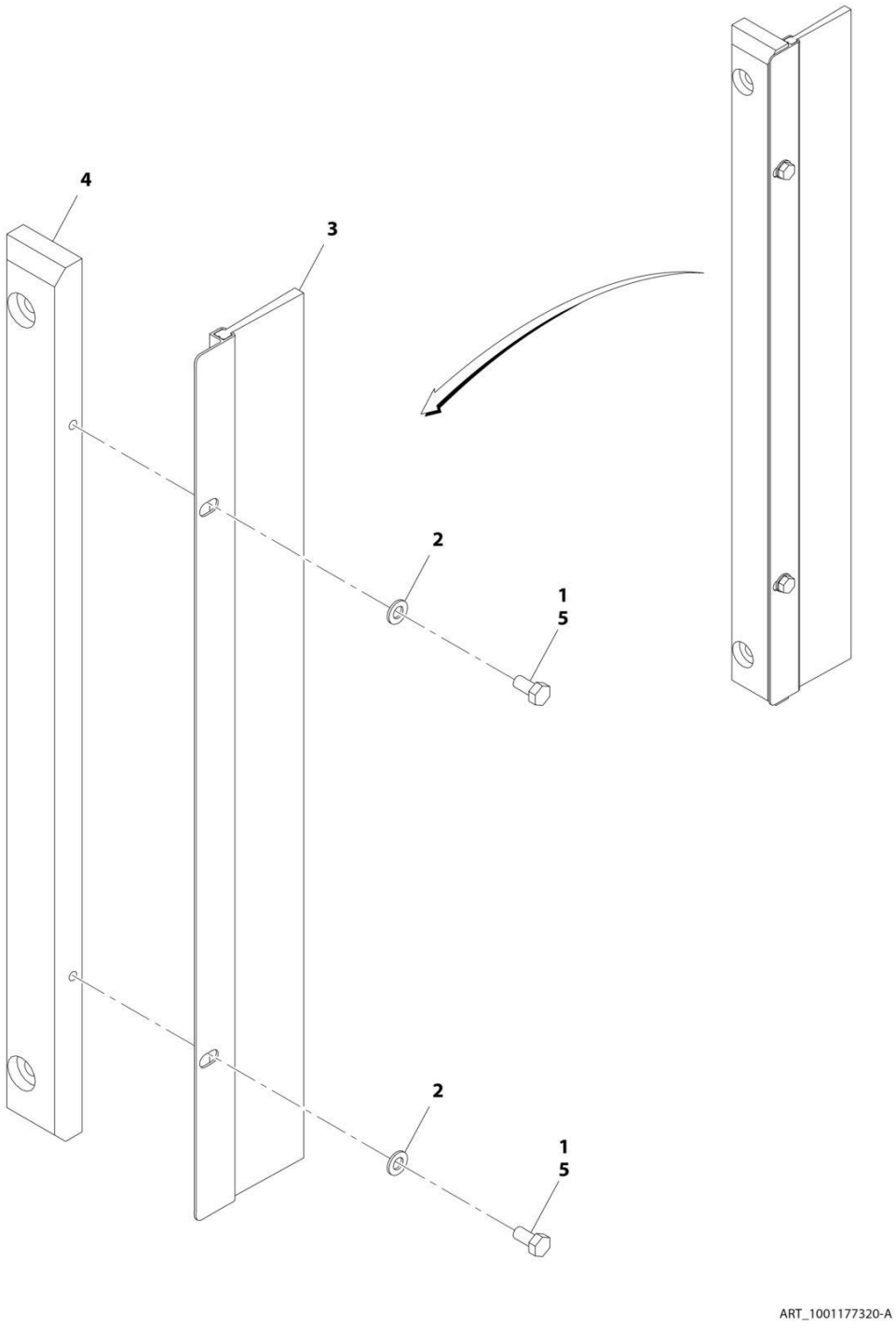
## FIGURE 2-38. BOOM BRUSH BRACKET ASSEMBLY (5) - 3614RS



## FIGURE 2-38. BOOM BRUSH BRACKET ASSEMBLY (5) - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177274 | Ref | Boom Brush Bracket Assembly - 3614RS | B |
| 1 | 0760505 | 2 | Bolt, M5X10 | |
| 2 | 4811600 | 2 | Washer, M5 | |
| 3 | 1001177275 | 1 | Bracket | |
| 4 | 1001177276 | 1 | Seal | |
| 5 | 1001095650 | AR | Compound, Locking | |

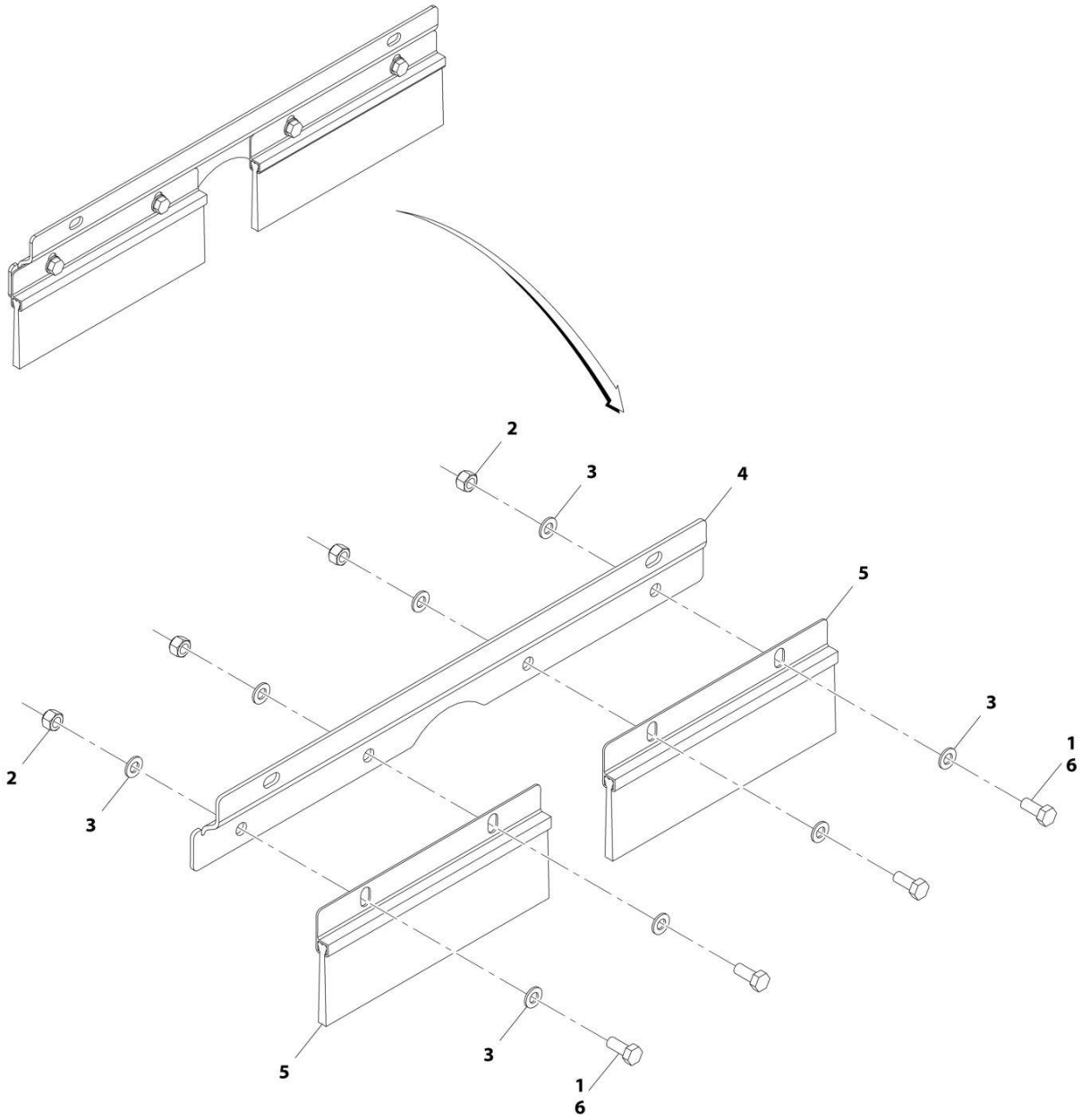
## FIGURE 2-39. BOOM BRUSH BRACKET ASSEMBLY (6)



## FIGURE 2-39. BOOM BRUSH BRACKET ASSEMBLY (6)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177320 | Ref | Boom Brush Bracket Assembly | A |
| 1 | 0760505 | 2 | Bolt, M5X10 | |
| 2 | 4811600 | 2 | Washer, M5 | |
| 3 | 1001177319 | 1 | Seal | |
| 4 | 1001177321 | 1 | Bracket | |
| 5 | 1001095650 | AR | Compound, Locking | |

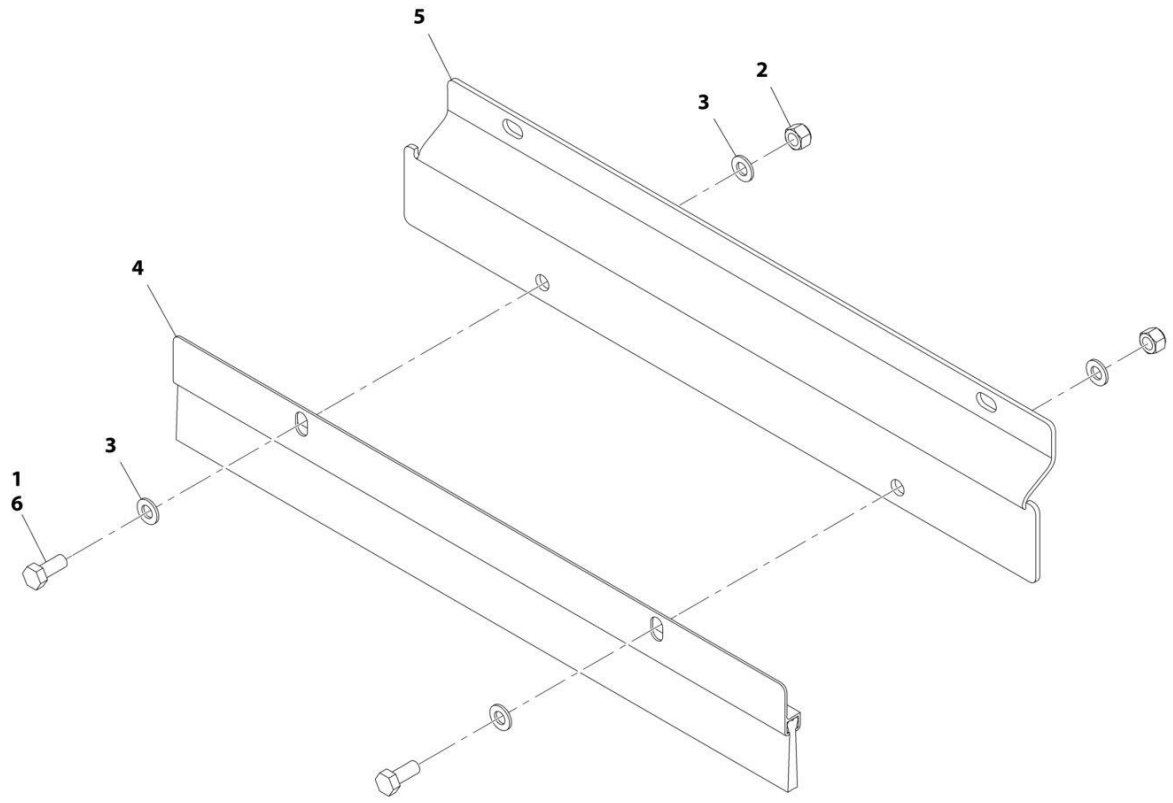
## FIGURE 2-40. BOOM BRUSH BRACKET ASSEMBLY (7) - 4017RS



## FIGURE 2-40. BOOM BRUSH BRACKET ASSEMBLY (7) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177342 | Ref | Boom Brush Bracket Assembly - 4017RS | A |
| 1 | 0760506 | 4 | Bolt, M5X12 | |
| 2 | 3290505 | 4 | Nut, Lock M5X0.8 | |
| 3 | 4811600 | 8 | Washer, M5 | |
| 4 | 1001177343 | 1 | Bracket | |
| 5 | 1001177344 | 2 | Seal | |
| 6 | 1001095650 | AR | Compound, Locking | |

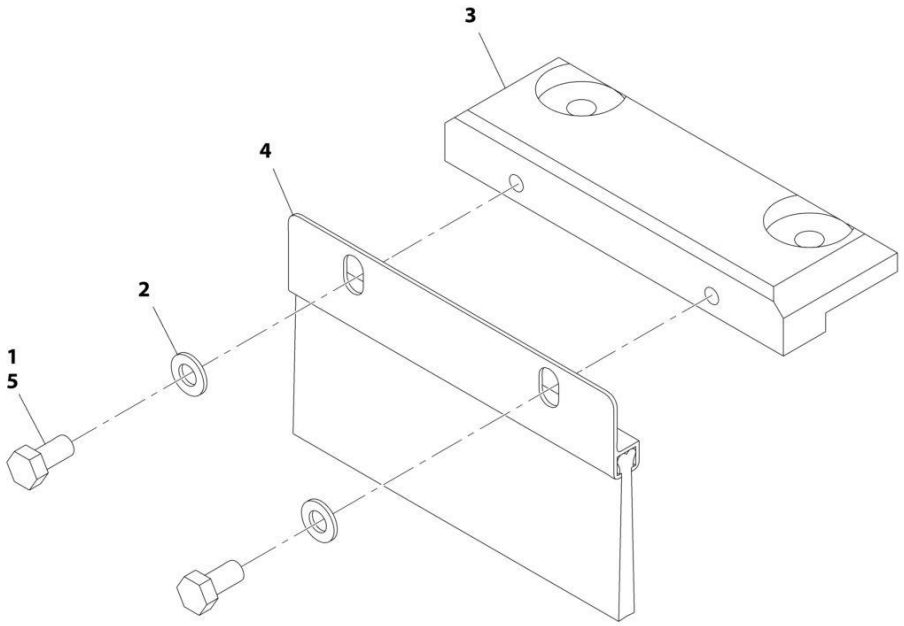
## FIGURE 2-41. BOOM BRUSH BRACKET ASSEMBLY (8) - 4017RS



## FIGURE 2-41. BOOM BRUSH BRACKET ASSEMBLY (8) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177396 | Ref | Boom Brush Bracket Assembly - 4017RS | A |
| 1 | 0760506 | 2 | Bolt, M5X12 | |
| 2 | 3290505 | 2 | Nut, Lock M5X0.8 | |
| 3 | 4811600 | 4 | Washer, M5 | |
| 4 | 1001177395 | 1 | Seal | |
| 5 | 1001177397 | 1 | Bracket | |
| 6 | 1001095650 | AR | Compound, Locking | |

## FIGURE 2-42. BOOM BRUSH BRACKET ASSEMBLY (9) - 4017RS

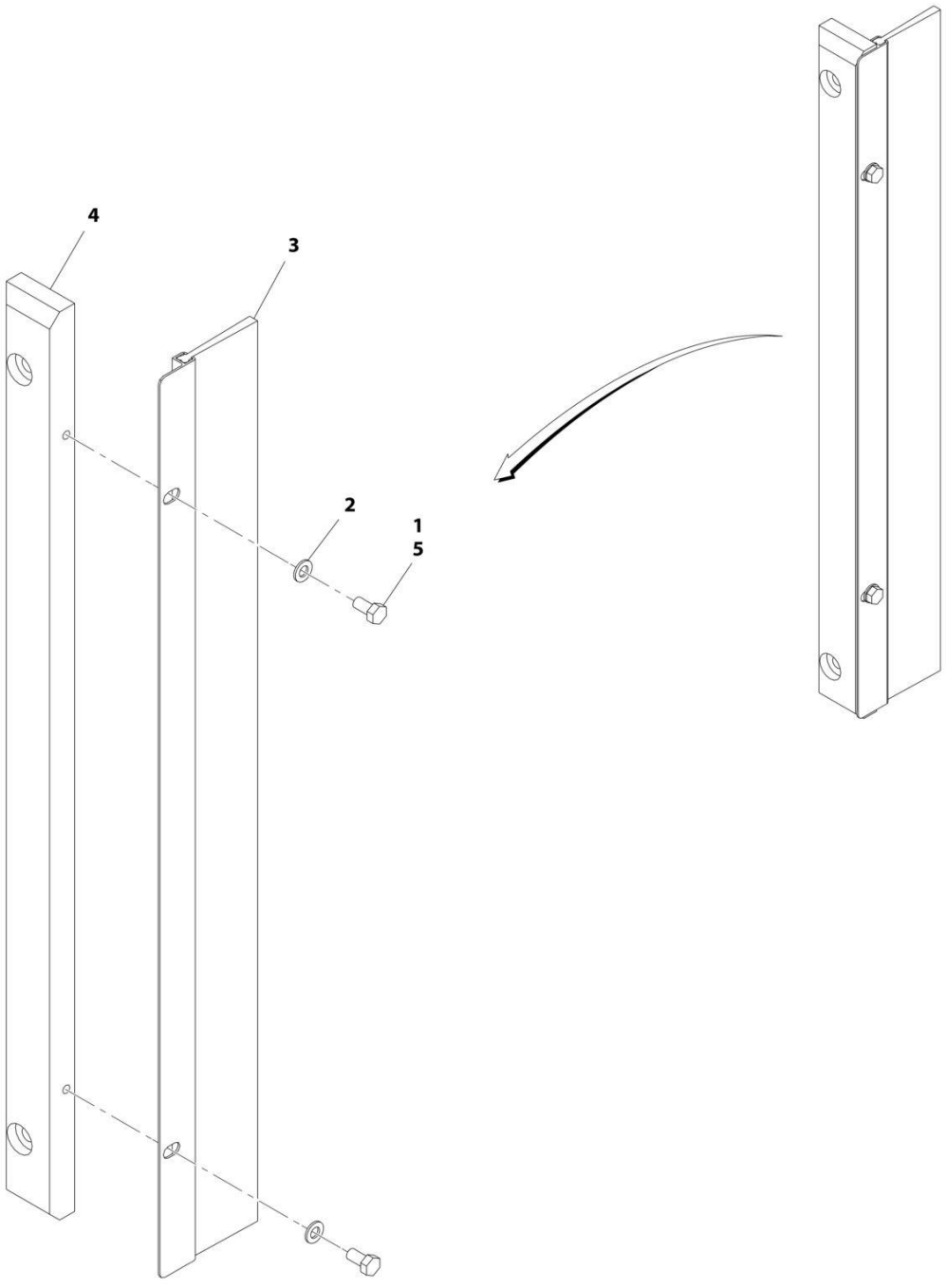



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## FIGURE 2-42. BOOM BRUSH BRACKET ASSEMBLY (9) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177411 | Ref | Boom Brush Bracket Assembly - 4017RS | A |
| 1 | 0760505 | 2 | Bolt, M5X10 | |
| 2 | 4811600 | 2 | Washer, M5 | |
| 3 | 1001177413 | 1 | Bracket | |
| 4 | 1001177414 | 1 | Seal | |
| 5 | 1001095650 | AR | Compound, Locking | |

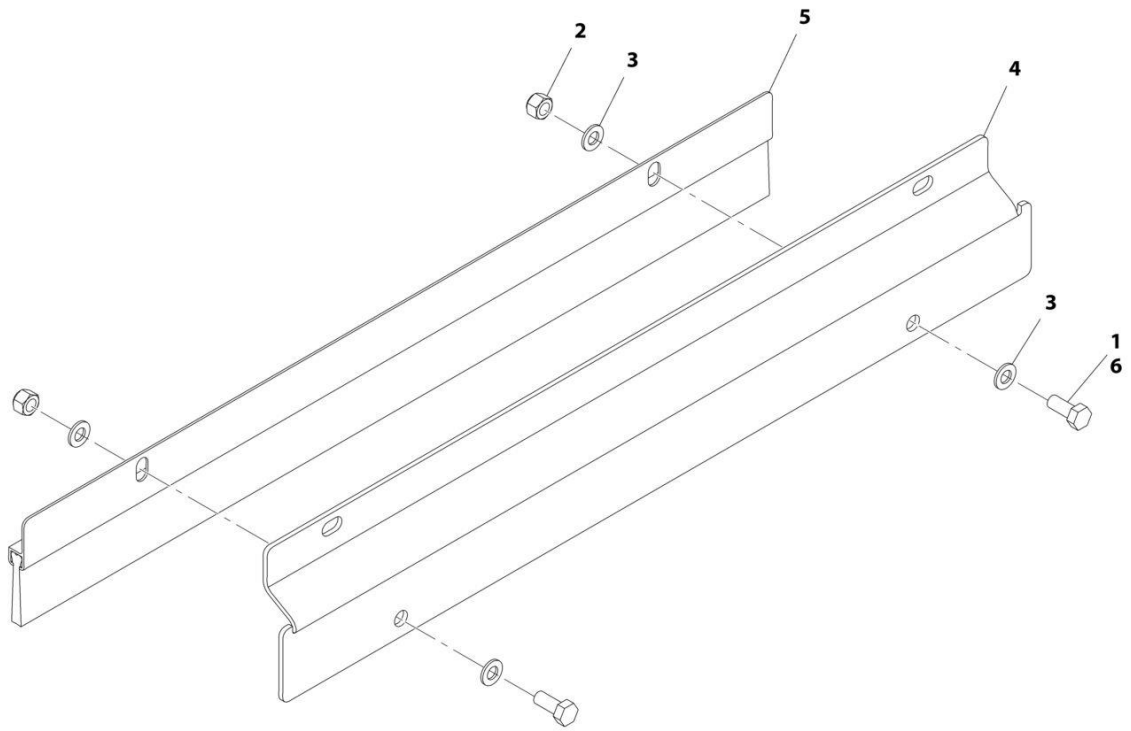
## FIGURE 2-43. BOOM BRUSH BRACKET ASSEMBLY (10) - 4017RS



## FIGURE 2-43. BOOM BRUSH BRACKET ASSEMBLY (10) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177439 | Ref | Boom Brush Bracket Assembly - 4017RS | A |
| 1 | 0760505 | 2 | Bolt, M5X10 | |
| 2 | 4811600 | 2 | Washer, M5 | |
| 3 | 1001177438 | 1 | Seal | |
| 4 | 1001177440 | 1 | Bracket | |
| 5 | 1001095650 | AR | Compound, Locking | |

## FIGURE 2-44. BOOM BRUSH BRACKET ASSEMBLY (11) - 4017RS

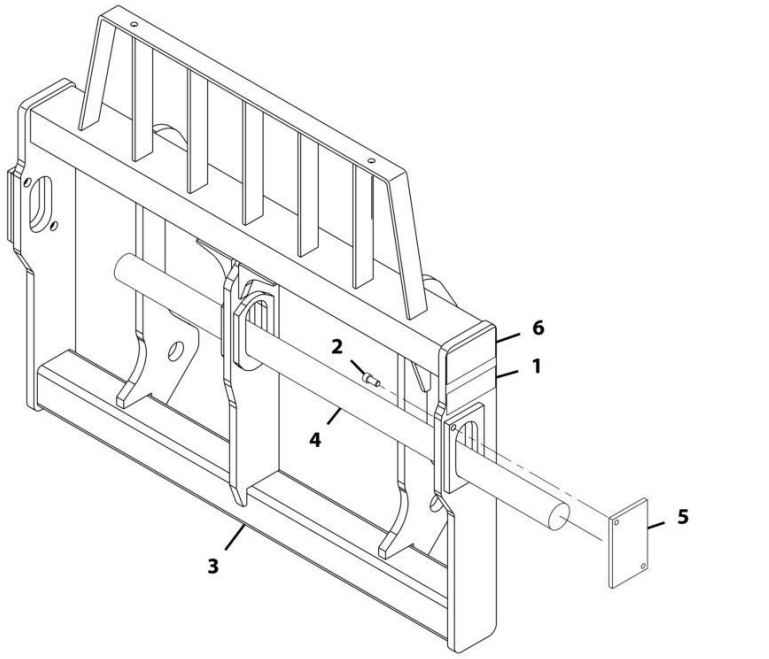


## FIGURE 2-44. BOOM BRUSH BRACKET ASSEMBLY (11) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177445 | Ref | Boom Brush Bracket Assembly - 4017RS | A |
| 1 | 0760506 | 2 | Bolt, M5X12 | |
| 2 | 3290505 | 2 | Nut, Lock M5X0.8 | |
| 3 | 4811600 | 4 | Washer, M5 | |
| 4 | 1001177446 | 1 | Bracket | |
| 5 | 1001177447 | 1 | Seal | |
| 6 | 1001095650 | AR | Compound, Locking | |

# SECTION 3 - ATTACHMENTS

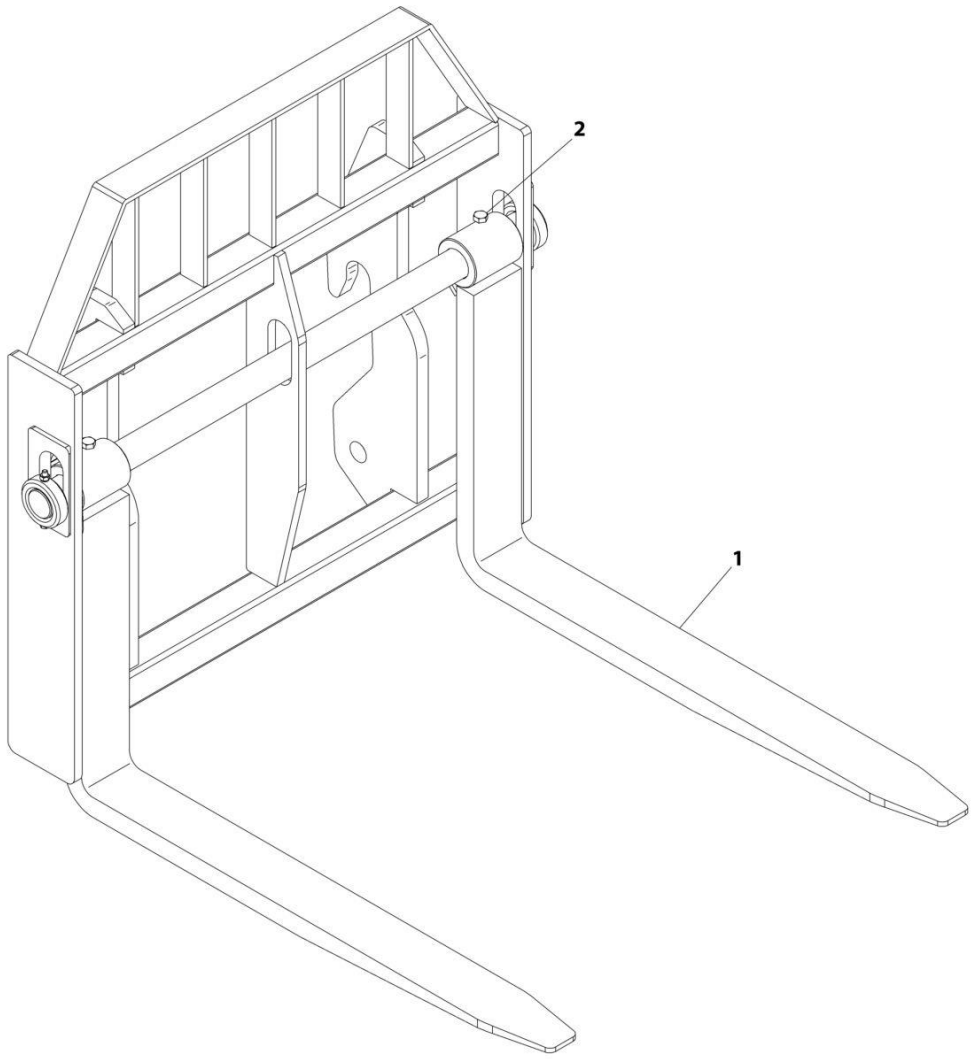
## FIGURE 3-1. CARRIAGE



## FIGURE 3-1. CARRIAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001107333 | 1 | Carriage Assembly (500mm) | A |
| 1 | N.S.S. | 1 | S/N Plate | |
| 2 | 4032109 | 4 | Bolt, M12X25 | |
| 3 | N.S.S. | 1 | Weldment, Carriage | |
| 4 | 1001107336 | 1 | Shaft, Carriage | |
| 5 | 1001107338 | 2 | Cover, Shaft | |
| 6 | N.S.S. | 1 | Name Plate, Carriage | |

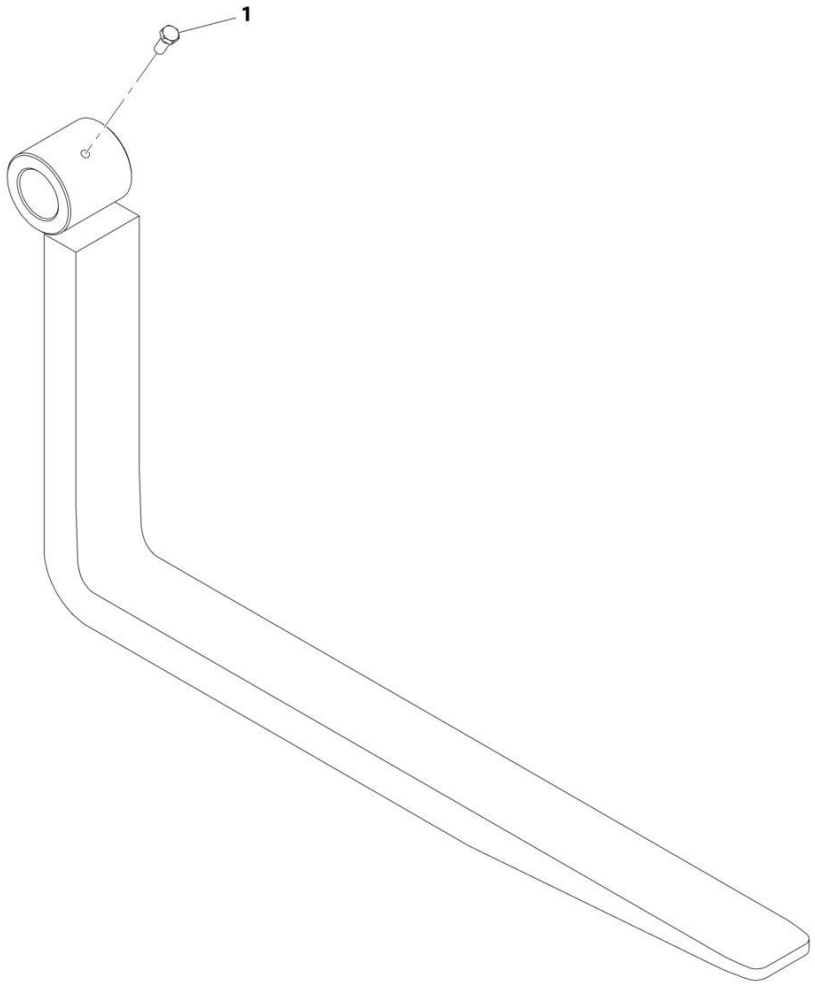
**FIGURE 3-2. FORKS**



## FIGURE 3-2. FORKS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 2340041 | 1 | Pallet Fork Assembly (2000kg), (100X50X1200mm), (sold as pair) | C |
| 2 | 0761612 | 2 | Bolt, M16X25 | |
| 1 | 2340030 | 1 | Fork Tine Assembly, (Lamy), (4000kg per pair), (100X50X1200mm), (sold as a pair) | D |
| 2 | 7028628 | 2 | Bolt, M16X30 | |

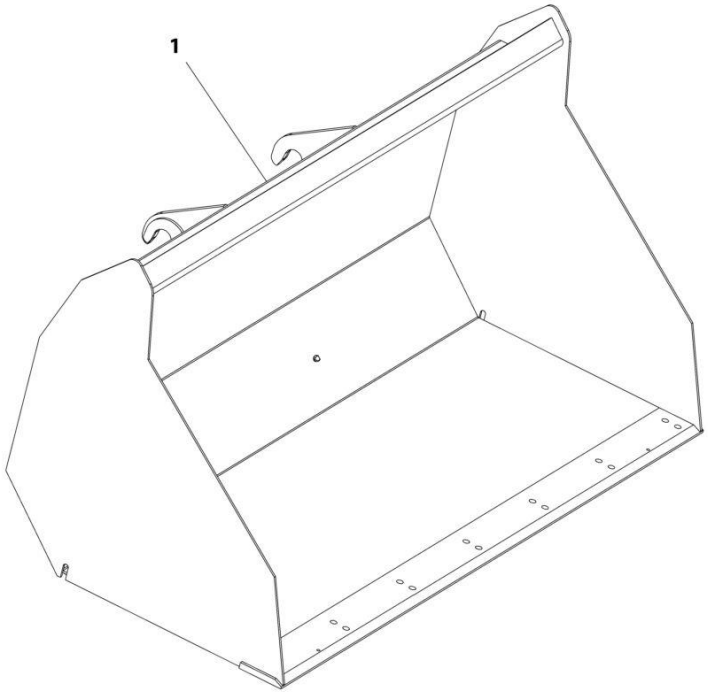
**FIGURE 3-3. FORKS TINES**



## FIGURE 3-3. FORKS TINES

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001117945 | Ref | Forks Tines (2000kg) (120X50X1200mm) (sold as pair) | C |
| 1 | 0761612 | 2 | Bolt, M16X25 | |

**FIGURE 3-4. BUCKET 1.8M³**

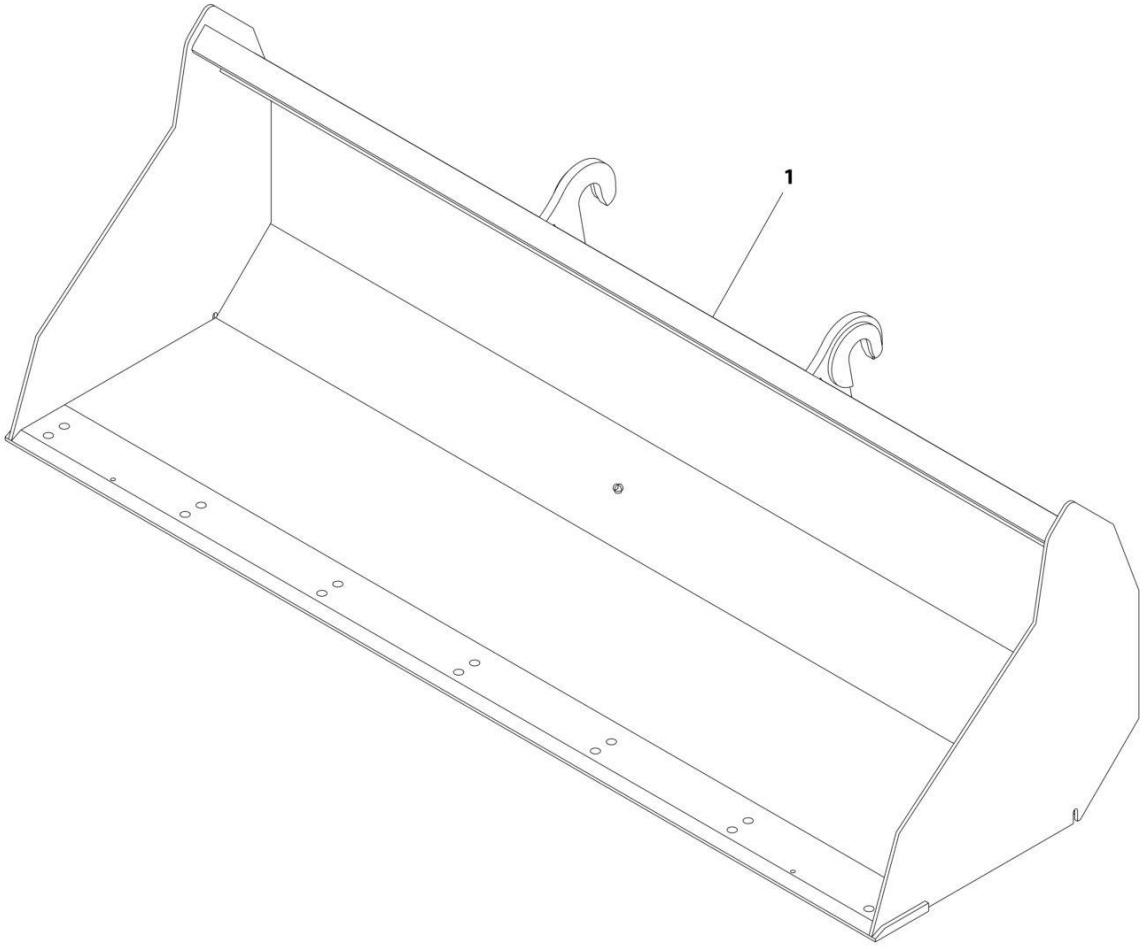



ART_0930016-C

## FIGURE 3-4. BUCKET 1.8M³

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0930016 | 1 | Bucket, 1.8m³ | C |

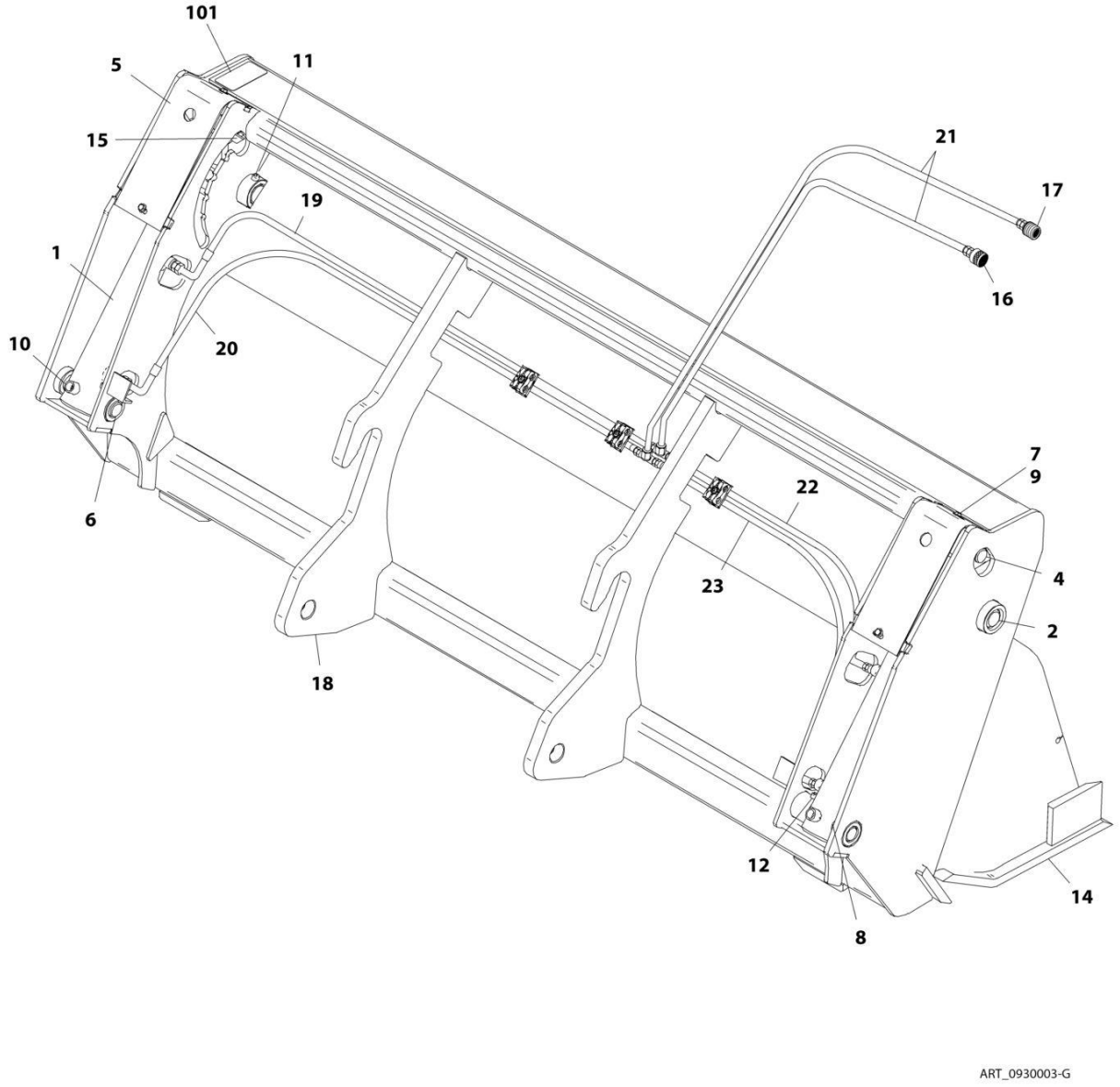
**FIGURE 3-5. BUCKET 0.9M³**



## FIGURE 3-5. BUCKET 0.9M³

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0930015 | Ref | Bucket, 0.9m³ | C |

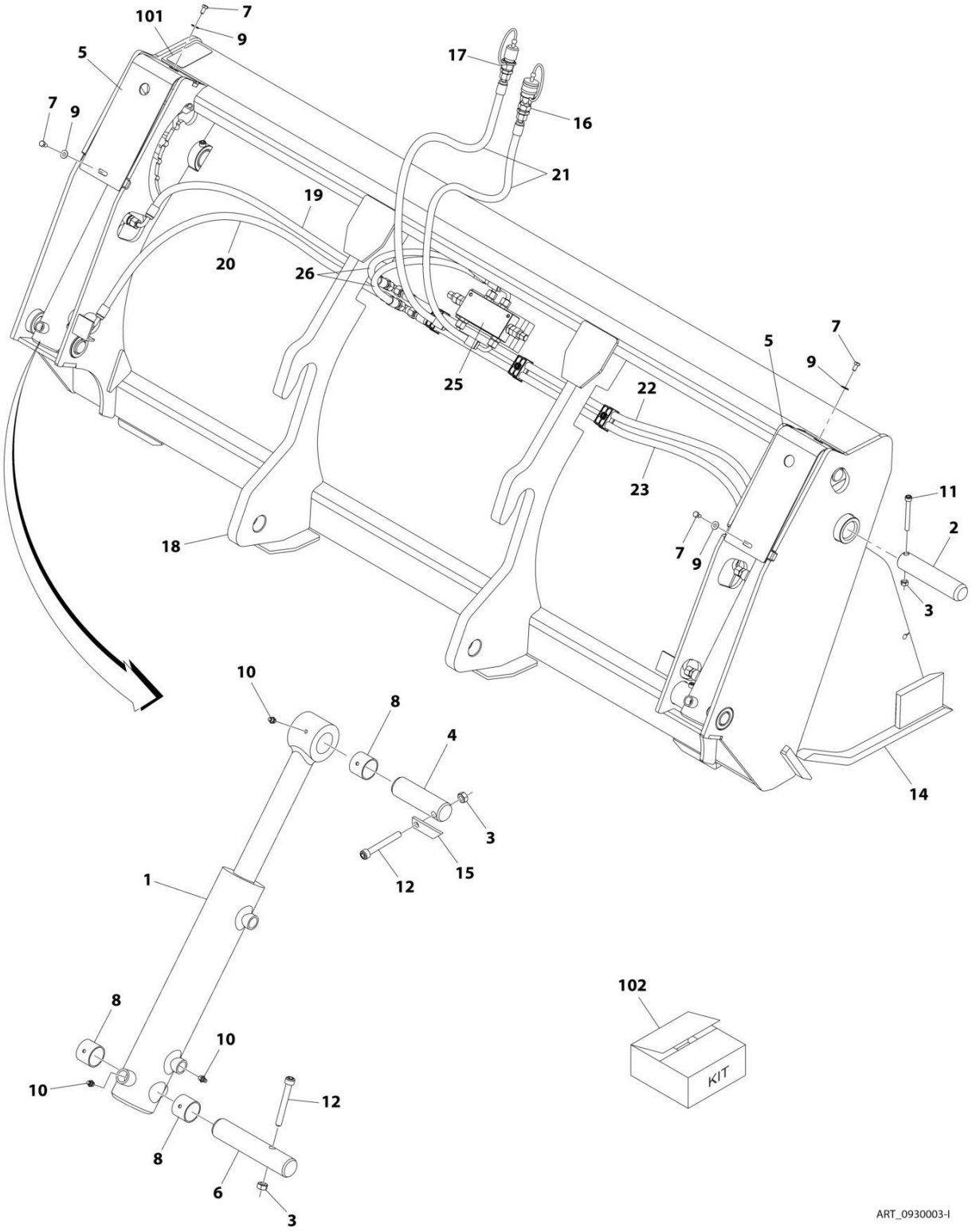
**FIGURE 3-6. MULTI-PURPOSE BUCKET (SN 1160007024 through 1160008687)**



## FIGURE 3-6. MULTI-PURPOSE BUCKET (SN 1160007024 through 1160008687)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0930003 | 1 | Multi-Purpose Bucket, 1.0m³ | G |
| 1 | 7028990 | 2 | Cylinder | |
| | 7028910 | AR | Kit, Seal, Cylinder | |
| 2 | 7028911 | 2 | Pin | |
| 3 | 7028912 | 6 | Nut (not shown) | |
| 4 | 7028913 | 2 | Pin | |
| 5 | 7028914 | 2 | Plate, Protective | |
| 6 | 7028915 | 2 | Pin | |
| 7 | 7028916 | 4 | Bolt | |
| 8 | 7028131 | 6 | Bushing | |
| 9 | 7028917 | 4 | Washer | |
| 10 | 7028918 | 6 | Nipple, Grease | |
| 11 | 7028920 | 2 | Screw | |
| 12 | 7028919 | 4 | Screw | |
| 14 | N.S.S. | 1 | Weldment | |
| 15 | 7028923 | 1 | Gauge | |
| 16 | 1001094555 | 1 | Coupling, Female Quick Disconnect | |
| 17 | 1001094556 | 1 | Coupling, Male Quick Disconnect | |
| 18 | N.S.S. | 1 | Weldment | |
| 19 | 7028982 | 1 | Hose | |
| 20 | 7028983 | 1 | Hose | |
| 21 | 7028984 | 2 | Hose | |
| 22 | 7028985 | 1 | Hose | |
| 23 | 7028991 | 1 | Hose | |
| 101 | N.S.S. | 1 | S/N Plate | |

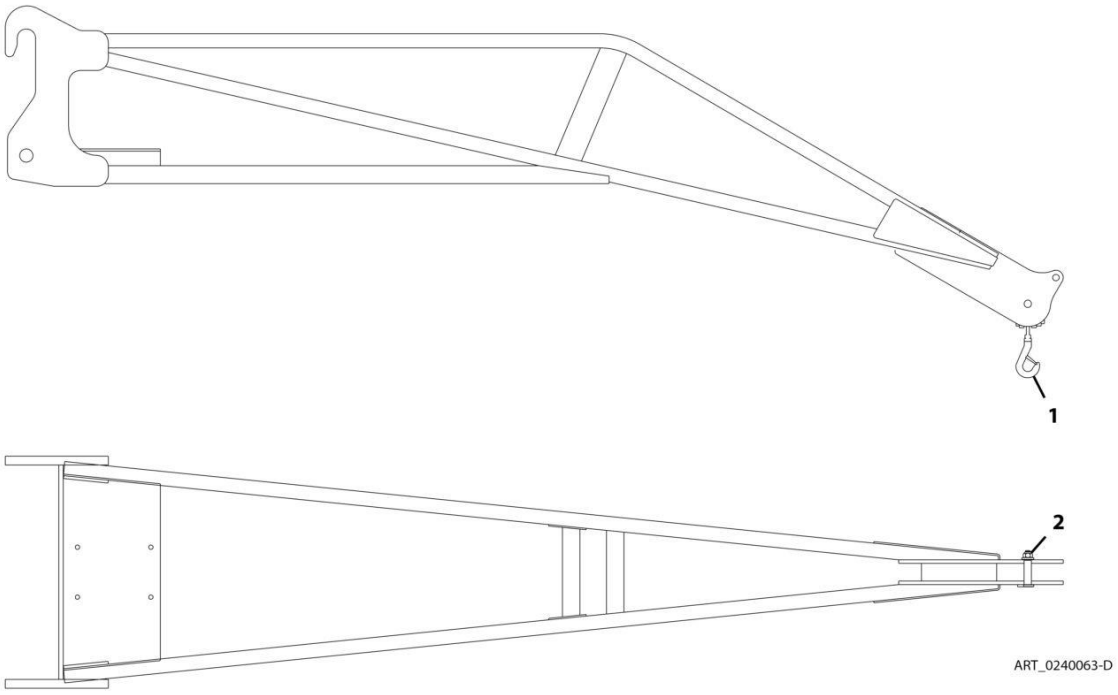
**FIGURE 3-7. MULTI-PURPOSE BUCKET (SN 1160008687 through 1160008790)**



## FIGURE 3-7. MULTI-PURPOSE BUCKET (SN 1160008687 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0930003 | 1 | Multi-Purpose Bucket, 1.0m³ | I |
| 1 | 7028990 | 2 | Cylinder | |
| | 7028910 | AR | Kit, Seal, Cylinder | |
| 2 | 7028911 | 2 | Pin | |
| 3 | 7028912 | 6 | Nut | |
| 4 | 7028913 | 2 | Pin | |
| 5 | N.S.S. | 2 | Plate, Protective | |
| 6 | 7028915 | 2 | Pin | |
| 7 | 7028916 | 4 | Bolt | |
| 8 | 7028131 | 6 | Bushing | |
| 9 | 7028917 | 4 | Washer | |
| 10 | 7028918 | 6 | Nipple, Grease | |
| 11 | 7028920 | 2 | Screw | |
| 12 | 7028919 | 4 | Screw | |
| 14 | N.S.S. | 1 | Weldment | |
| 15 | 7028923 | 1 | Gauge | |
| 16 | 1001094555 | 1 | Coupling, Female Quick Disconnect | |
| 17 | 1001094556 | 1 | Coupling, Male Quick Disconnect | |
| 18 | N.S.S. | 1 | Weldment | |
| 19 | 7028982 | 1 | Hose | |
| 20 | 7028983 | 1 | Hose | |
| 21 | 7028984 | 2 | Hose | |
| 22 | 7028995 | 1 | Hose | |
| 23 | 7028991 | 1 | Hose | |
| 25 | 70027291 | 1 | Balancing Valve | |
| 26 | 70029011 | 2 | Hose | |
| 101 | N.S.S. | 1 | S/N Plate | |
| 102 | 1001097287 | 1 | Quick Disconnect Coupling Kit, (includes items 16, 17 dust cap and dust plug) | |

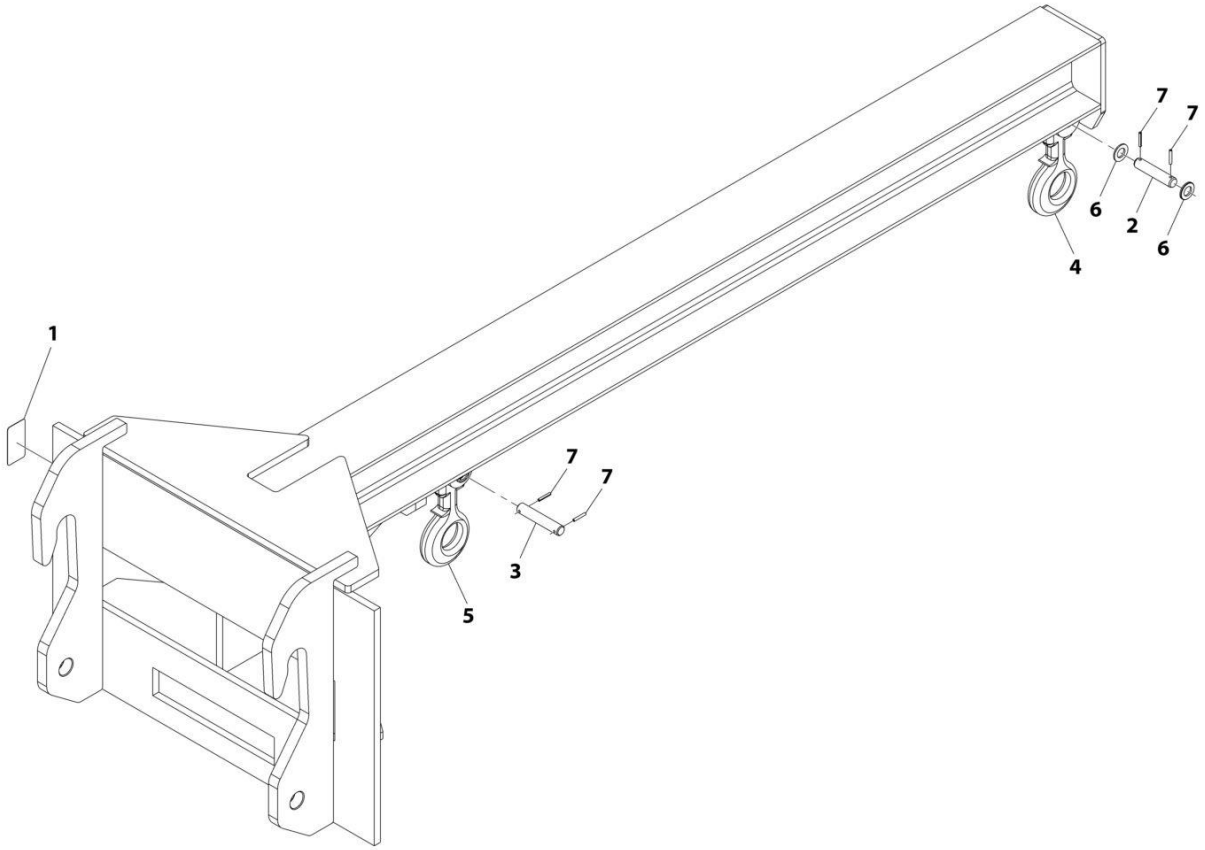
**FIGURE 3-8. TRUSS BOOM (1000 KG)**



## FIGURE 3-8. TRUSS BOOM (1000 KG)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 0240063 | 1 | Truss Boom, 1000KG | D |
| 1 | 70020421 | 1 | Hook | |
| 2 | 70020422 | 1 | Bolt | |

**FIGURE 3-9. TRUSS BOOM (4000 KG)**

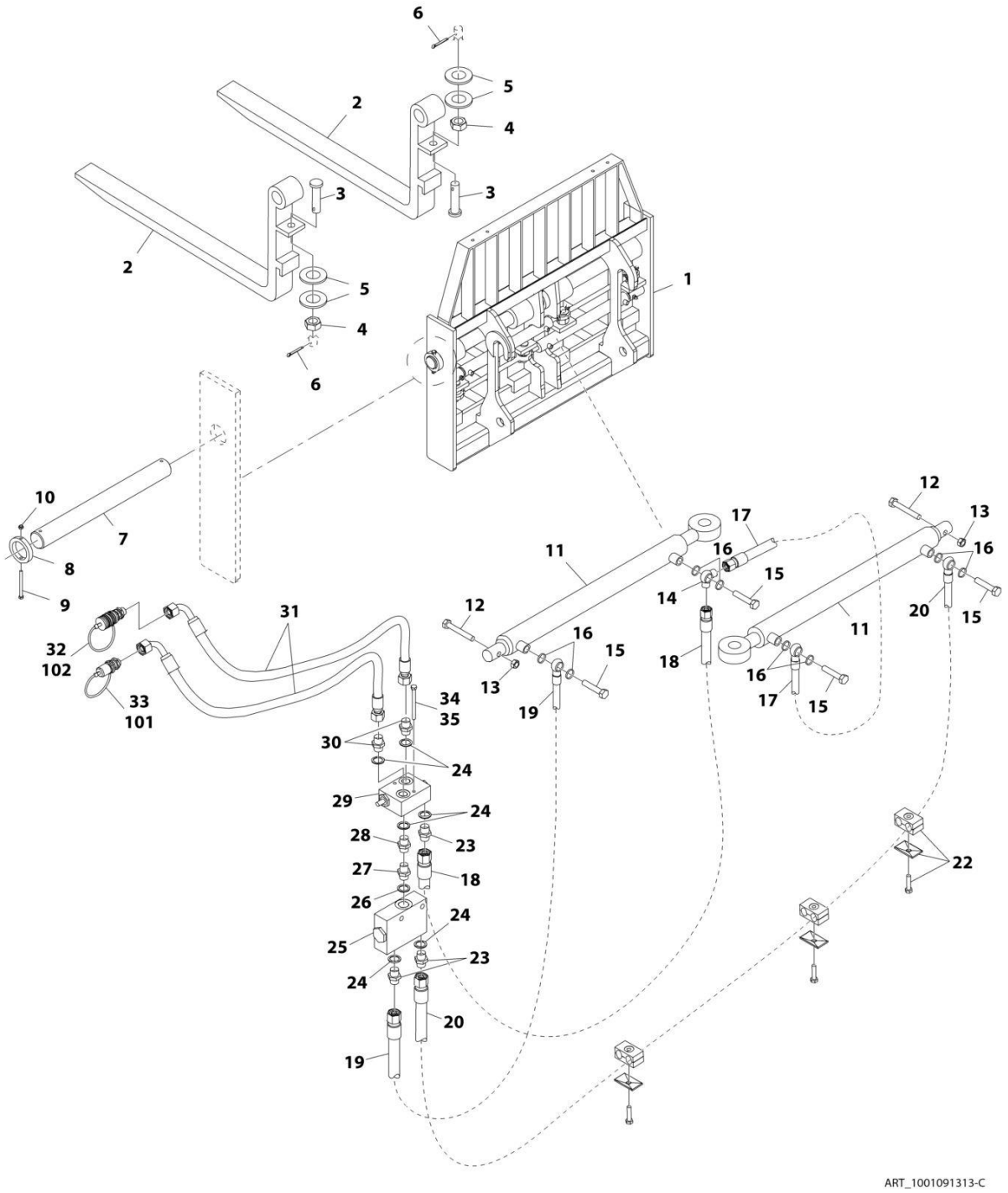



ART_1001223184-B

## FIGURE 3-9. TRUSS BOOM (4000 KG)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001223184 | Ref | Truss Boom (4000KG) | B |
| 1 | N.S.S. | 1 | S/N Plate | |
| 2 | 70029263 | 1 | Pin, End Of Truss Boom | |
| 3 | 70029264 | 1 | Pin, Base Of Truss Boom | |
| 4 | 70030033 | 1 | Hook, Swivel (Truss End) | |
| 5 | 70030032 | 1 | Hook, Swivel (Truss Base) | |
| 6 | 70030034 | 2 | Washer, Flat | |
| 7 | 70021563 | 4 | Roll Pin | |

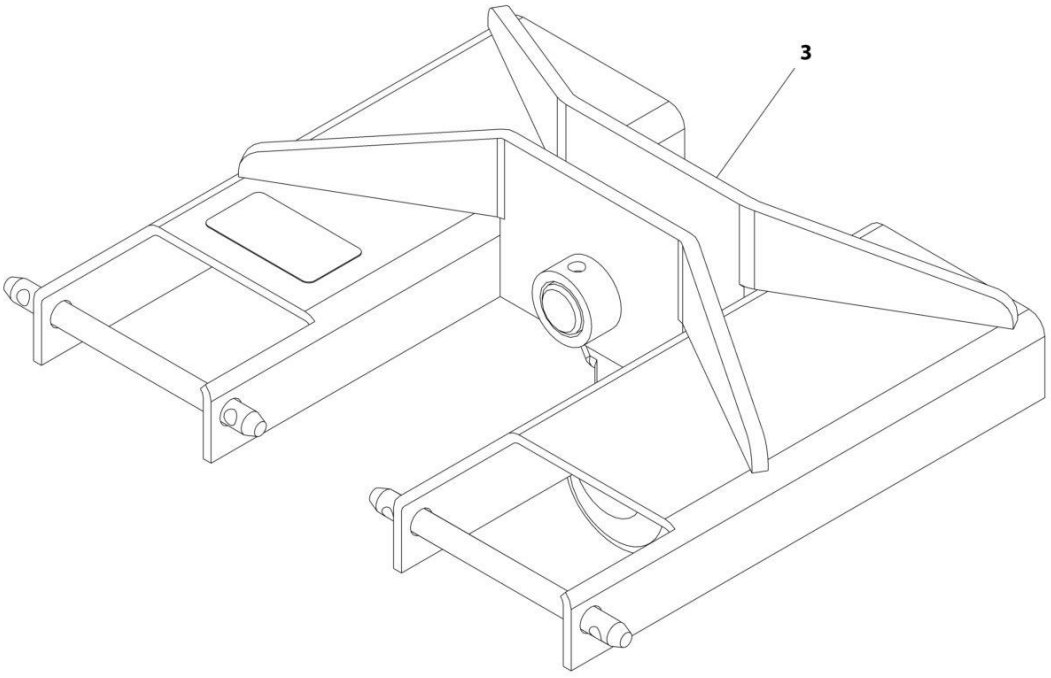
## FIGURE 3-10. INSTALLATION, CARRIAGE FORK POSITIONING



## FIGURE 3-10. INSTALLATION, CARRIAGE FORK POSITIONING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091313 | 1 | Fork Positioning Carriage W/Forks, (CE - 13M & 17M), (includes items 1 thru 35) | C |
| 1 | N.S.S. | 1 | Weldment | |
| 2 | 70022922 | 2 | Forks, (100X50X1200), (2000kg per fork) | |
| 3 | 70021835 | 2 | Rod Pin | |
| 4 | 70026018 | 2 | Nut, M30X3.5 | |
| 5 | 70028978 | 4 | Washer | |
| 6 | 70021836 | 2 | Split Pin | |
| 7 | 70022923 | 2 | Carriage Shaft | |
| 8 | 70022924 | 4 | Shaft Collar | |
| 9 | 70028979 | 4 | Bolt | |
| 10 | 70021241 | 4 | Hex Locknut, M12 | |
| 11 | 70023276 | 2 | Cylinder | |
| 11 | 70023278 | AR | Seal Kit, (use with cylinders marked 1.3351.01C.02.01) | |
| 11 | 70023277 | AR | Seal Kit, (use with cylinders marked 1.3351.01C.02.02) | |
| 13 | 70028031 | 2 | Locknut | |
| 12 | 70028028 | 2 | Bolt | |
| 14 | 70022925 | 1 | Elbow, 90 | |
| 15 | 1001103530 | 4 | Bolt | |
| 16 | 70020730 | 8 | O-Ring | |
| 17 | 70021838 | 1 | Hose | |
| 18 | 70021839 | 1 | Hose | |
| 19 | 70021840 | 1 | Hose | |
| 20 | 70021841 | 1 | Hose | |
| 22 | 1001103533 | 3 | Clamp Set, (includes screw and plate) | |
| 23 | 70020731 | 3 | Fitting | |
| 24 | 70022907 | 6 | O-Ring | |
| 25 | 70021842 | 1 | Counter Valve | |
| 26 | 70022927 | 1 | O-Ring | |
| 27 | 70022928 | 1 | Fitting | |
| 28 | 70022929 | 1 | Fitting | |
| 29 | 70021843 | 1 | Pressure Valve | |
| 30 | 70022906 | 2 | Adapter | |
| 31 | 70022930 | 2 | Pipe | |
| 32 | 1001094555 | 1 | Female Quick Disconnect Coupling | |
| 33 | 1001094556 | 1 | Male Quick Disconnect Coupling | |
| 34 | 70028980 | 2 | Bolt | |
| 35 | 70022912 | 2 | Nut | |
| 101 | 1001093826 | 1 | Dust Cap | |
| 102 | 1001093827 | 1 | Dust Plug | |

## FIGURE 3-11. INSTALLATION, FORK AND HOOK - 3614RS

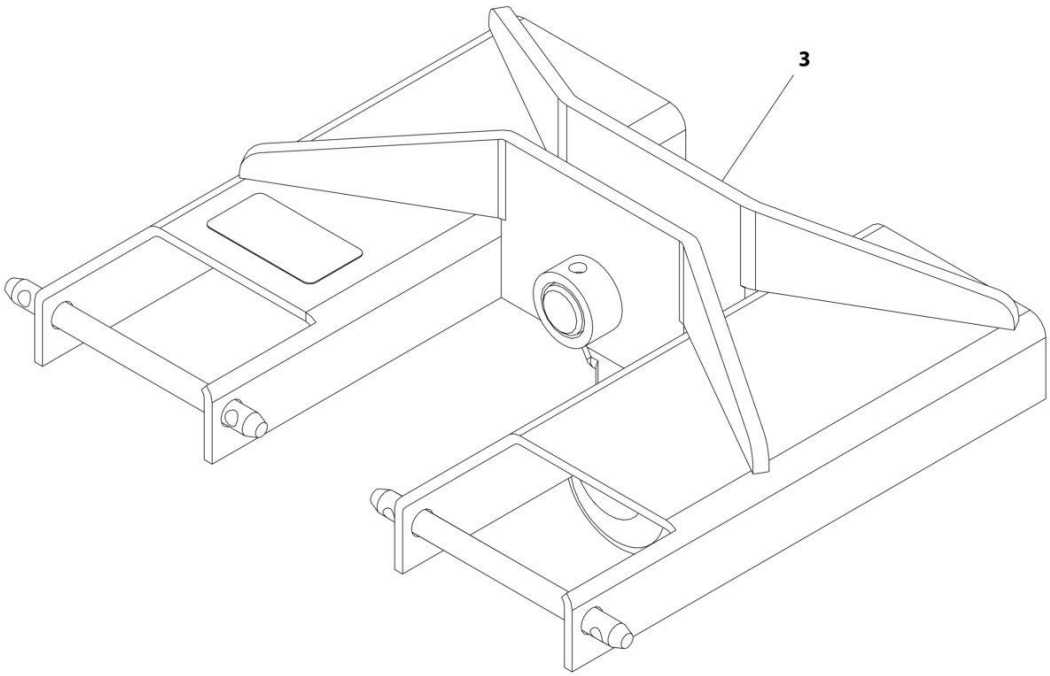



ART_1001180971-A

## FIGURE 3-11. INSTALLATION, FORK AND HOOK - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180971 | Ref | Installation, Fork and Hook - 3614RS | A |
| 1 | 1001180963 | Ref | Chart, Load Metric Fork Hook - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 2 | 1001180964 | Ref | Chart, Load Metric Fork Hook (Outriggers) - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 3 | 2700118 | Ref | Hook, 4 Ton Fork (See 4 TON FORK HOOK for Breakdown) | |

## FIGURE 3-12. INSTALLATION, FORK AND HOOK - 4017RS

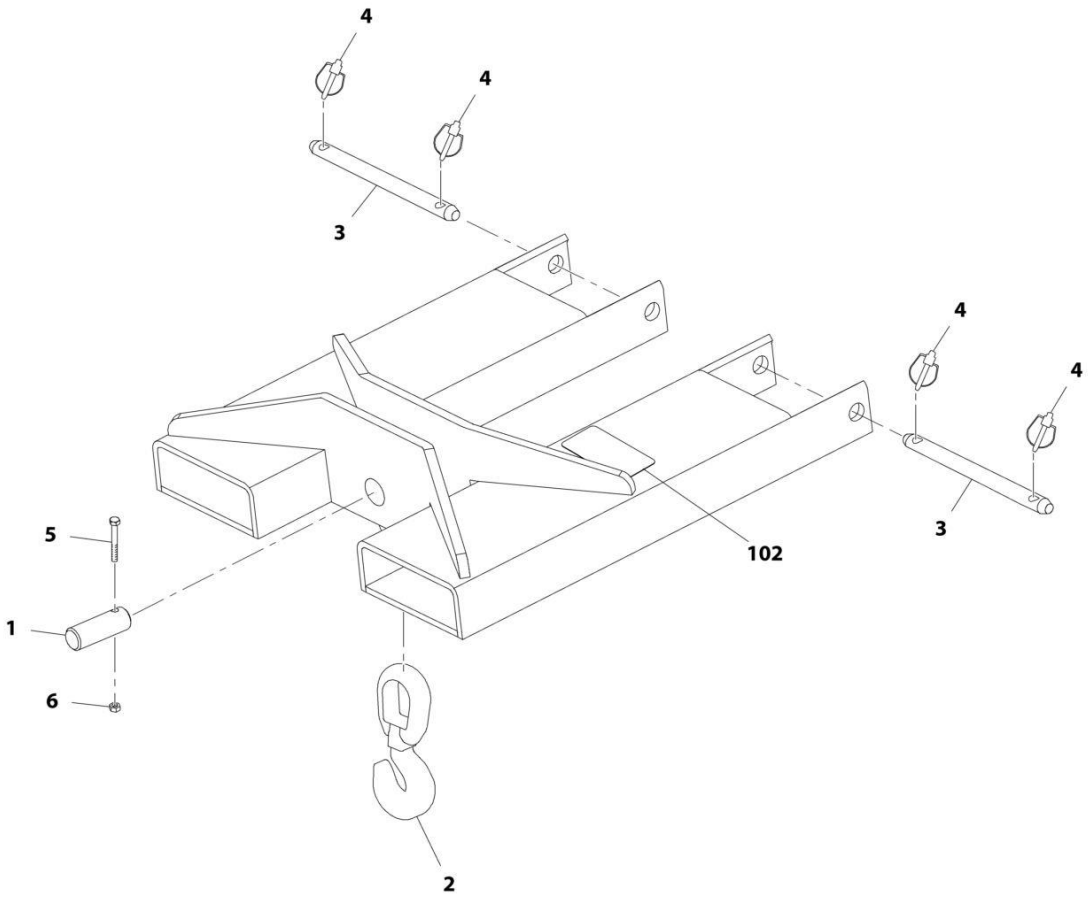



ART_1001180972-A

## FIGURE 3-12. INSTALLATION, FORK AND HOOK - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180972 | Ref | Installation, Fork and Hook - 4017RS | A |
| 1 | 1001180965 | Ref | Chart, Load Metric Fork Hook - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 2 | 1001180966 | Ref | Chart, Load Metric Fork Hook (Outriggers) - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 3 | 2700118 | Ref | Hook, 4 Ton Fork (See 4 TON FORK HOOK for Breakdown) | |

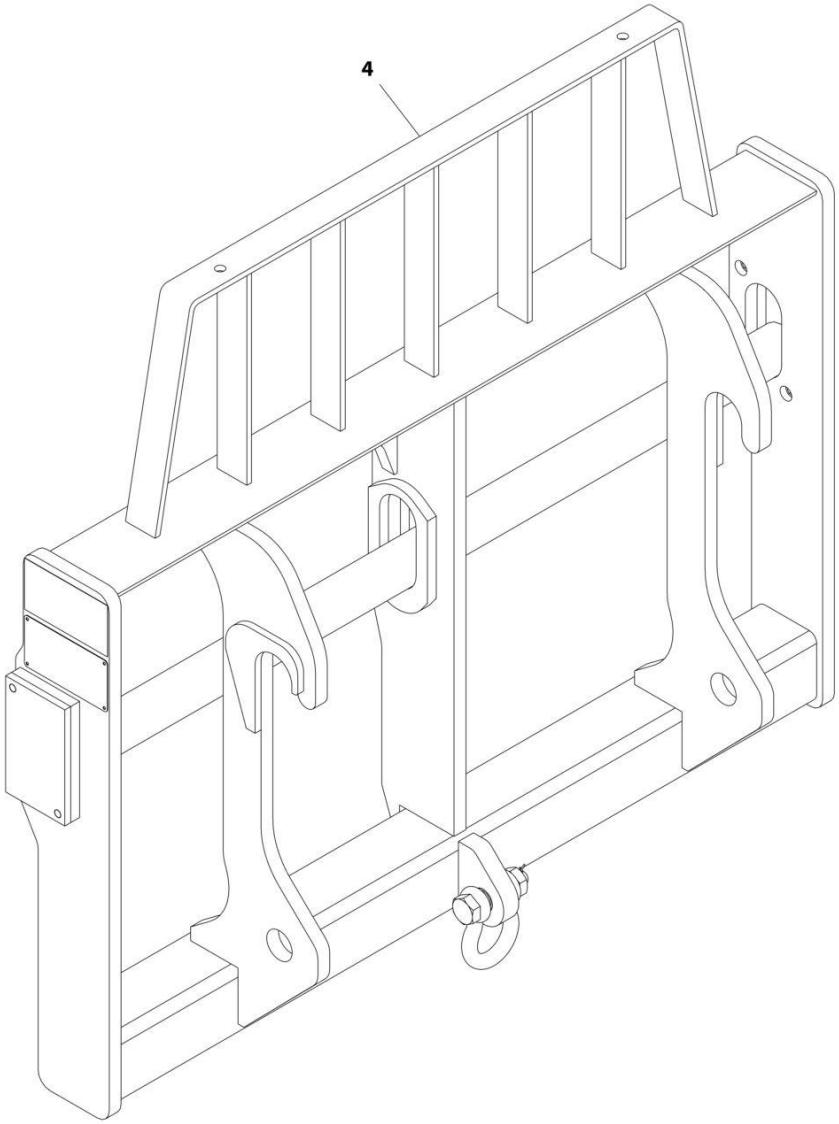
## FIGURE 3-13. 4 TON FORK HOOK



## FIGURE 3-13. 4 TON FORK HOOK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 2700118 | 1 | 4 Ton Fork Hook | C |
| 1 | 70020201 | 1 | Pin | |
| 2 | 70020202 | 1 | Hook | |
| 3 | 70020203 | 2 | Pin | |
| 4 | 70020204 | 4 | Retaining Ring | |
| 5 | 70020205 | 1 | Bolt | |
| 6 | 70020206 | 1 | Self Locking Nut | |

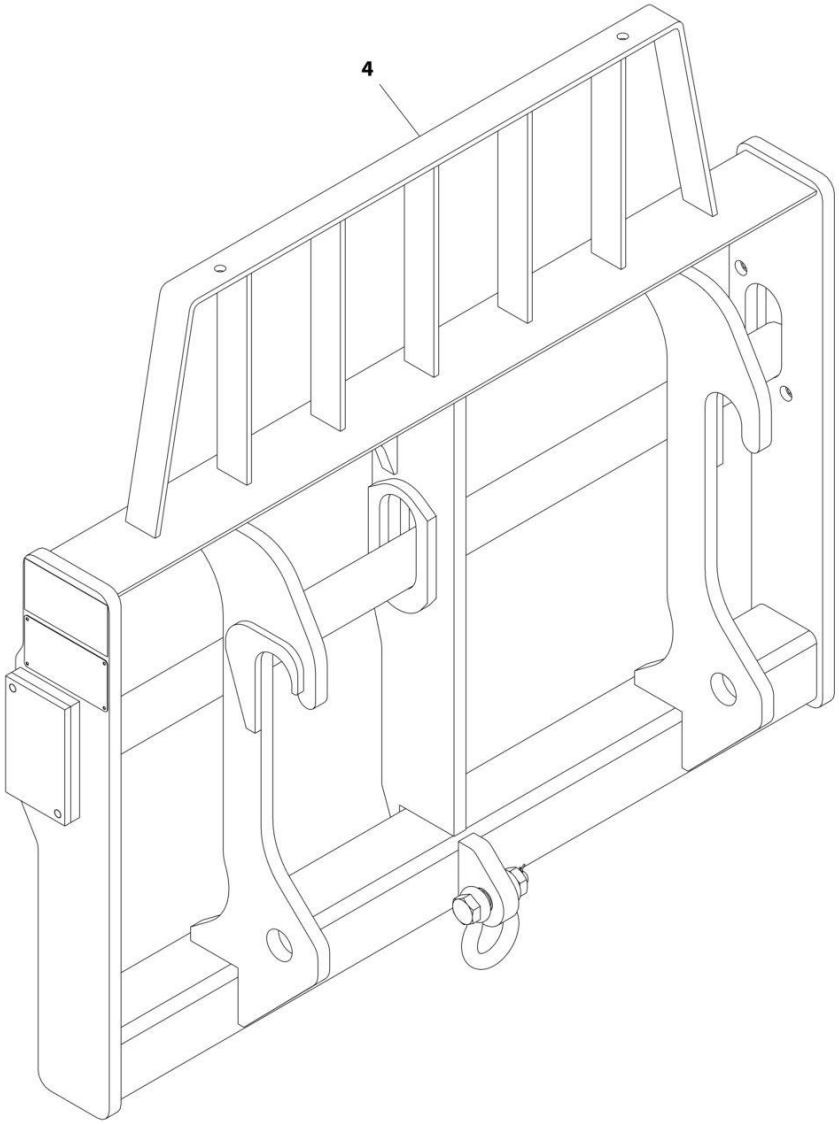
## FIGURE 3-14. STANDARD CARRIAGE INSTALLATION WITH LIFT LUG - 3614RS



## FIGURE 3-14. STANDARD CARRIAGE INSTALLATION WITH LIFT LUG - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184289 | 1 | Standard Carriage Installation with Lift Lug - 3614RS (If equipped) | A |
| 1 | 1001183289 | Ref | Chart, Load Standard Carriage with Lift Lug - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 2 | 1001183290 | Ref | Chart, Load Standard Carriage with Lift Lug (Outriggers) - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 3 | 1001185116 | Ref | Chart, 4T Fork and Hook Standard Carriage with Lift Lug (Traveling) - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 4 | 1001181380 | 1 | Carriage, 4T Fork and Hook (See 4T FORK AND HOOK CARRIAGE for Breakdown) | |

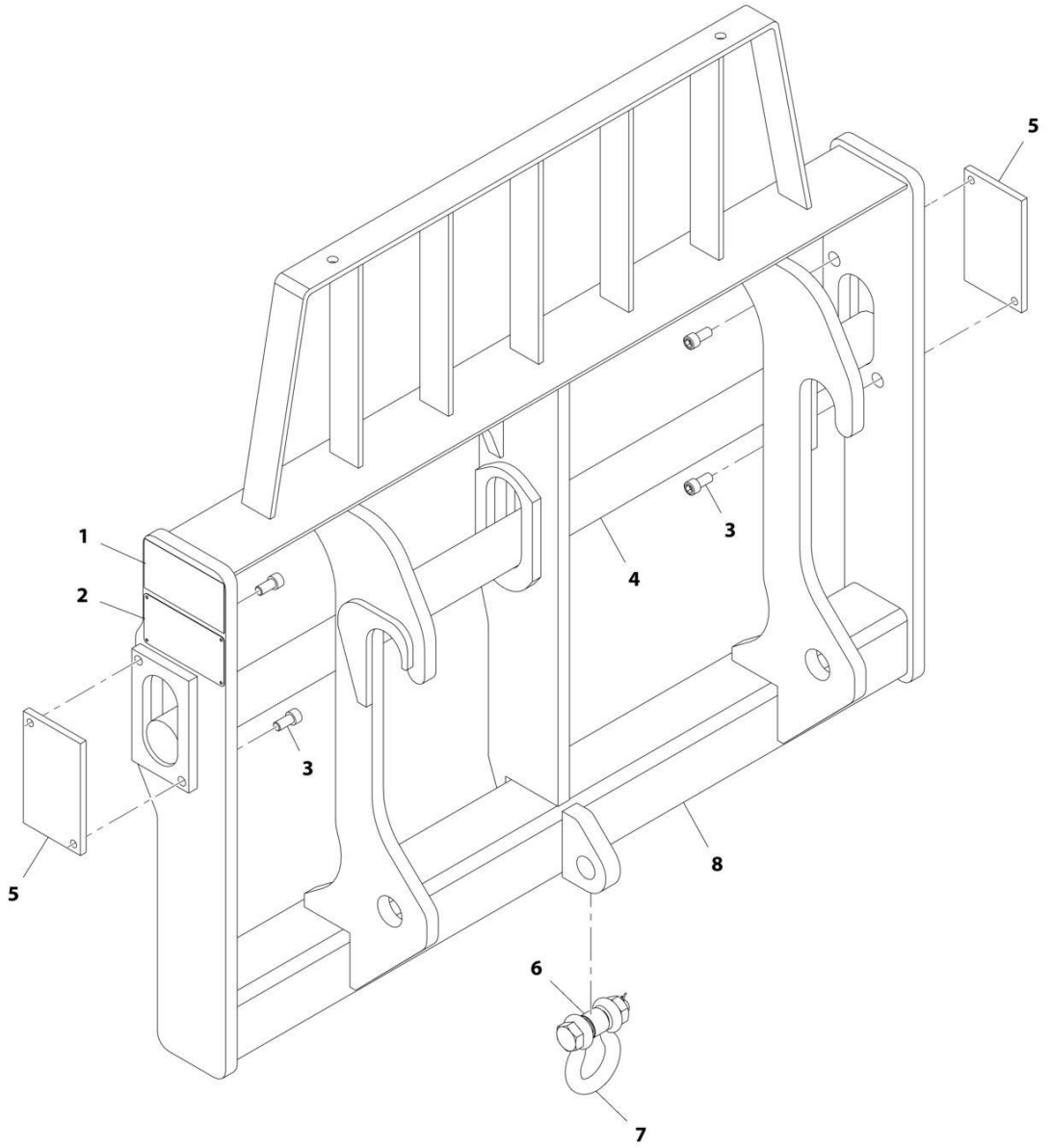
## FIGURE 3-15. STANDARD CARRIAGE INSTALLATION WITH LIFT LUG - 4017RS



## FIGURE 3-15. STANDARD CARRIAGE INSTALLATION WITH LIFT LUG - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184290 | 1 | Standard Carriage Installation with Lift Lug - 4017RS (If equipped) | A |
| 1 | 1001183291 | Ref | Chart, Load Standard Carriage with Lift Lug - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 2 | 1001183292 | Ref | Chart, Load Standard Carriage with Lift Lug (Outriggers) - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 3 | 1001185116 | Ref | Chart, 4T Fork and Hook Standard Carriage with Lift Lug (Traveling) - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 4 | 1001181380 | 1 | Carriage, 4T Fork and Hook (See 4T FORK AND HOOK CARRIAGE for Breakdown) | |

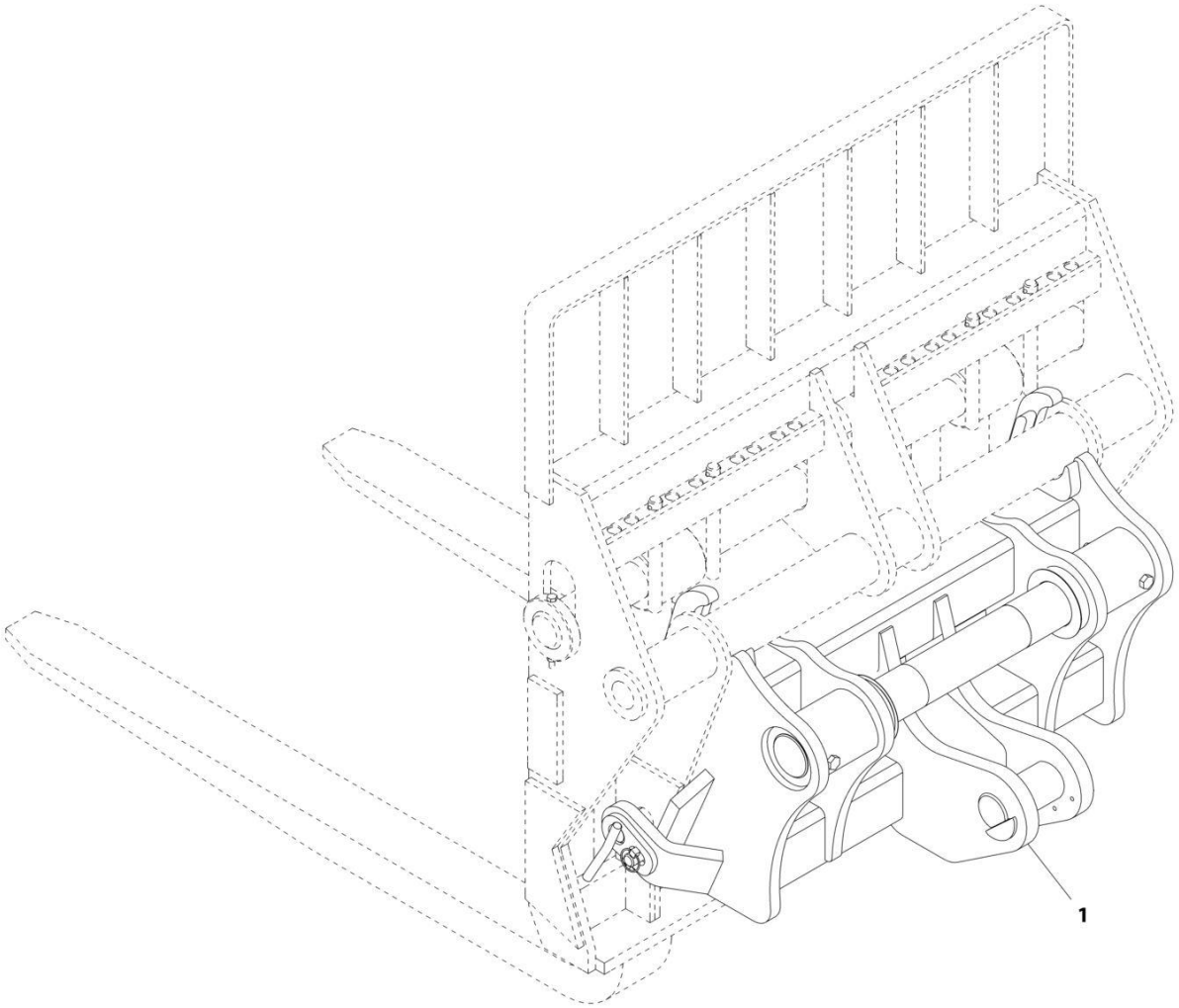
## FIGURE 3-16. 4T FORK AND HOOK CARRIAGE



## FIGURE 3-16. 4T FORK AND HOOK CARRIAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001181380 | 1 | 4T Fork and Hook Carriage | A |
| 1 | N.S.S. | 1 | Name Plate, Carriage | |
| 2 | N.S.S. | 1 | S/N Plate | |
| 3 | 4032109 | 4 | Bolt, M12X25 | |
| 4 | 1001107336 | 1 | Shaft, Carriage | |
| 5 | 1001107338 | 2 | Shaft Cover | |
| 6 | 1001146159 | 1 | Sleeve | |
| 7 | 1001146160 | 1 | Shackle | |
| 8 | N.S.S. | 1 | Weldment, Carriage | |

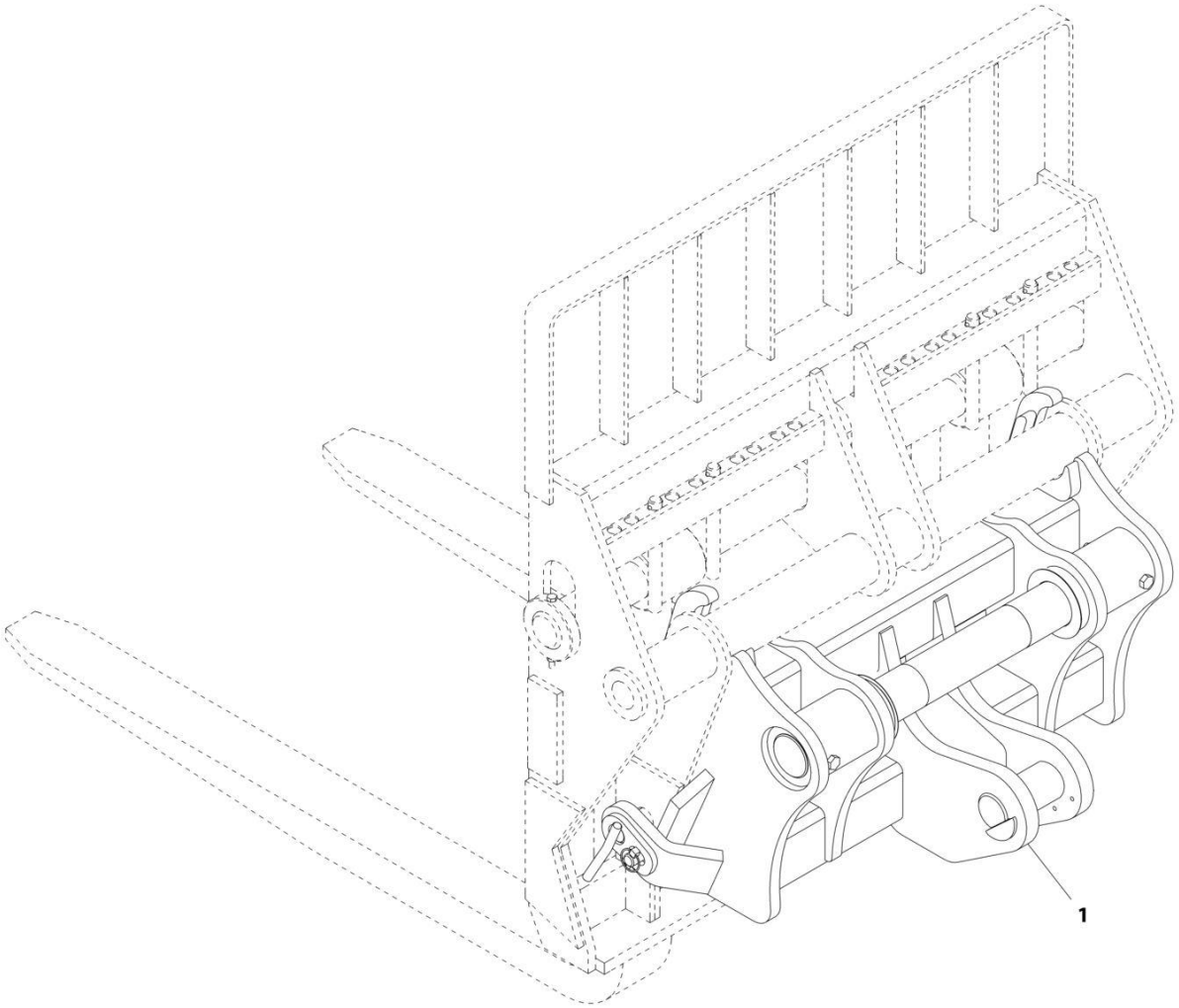
## FIGURE 3-17. MANITOU CARRIAGE INSTALLATION - 3614RS



## FIGURE 3-17. MANITOU CARRIAGE INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179687 | 1 | Manitou Carriage Installation - 3614RS | A |
| 1 | 1001177868 | 1 | Installation, Manitou Coupler (See MANITOU COUPLER INSTALLATION for Breakdown) | |
| 2 | 1001179679 | Ref | Chart, Load Manitou Carriage - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 3 | 1001179680 | Ref | Chart, Load Manitou Carriage (Outriggers) - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |

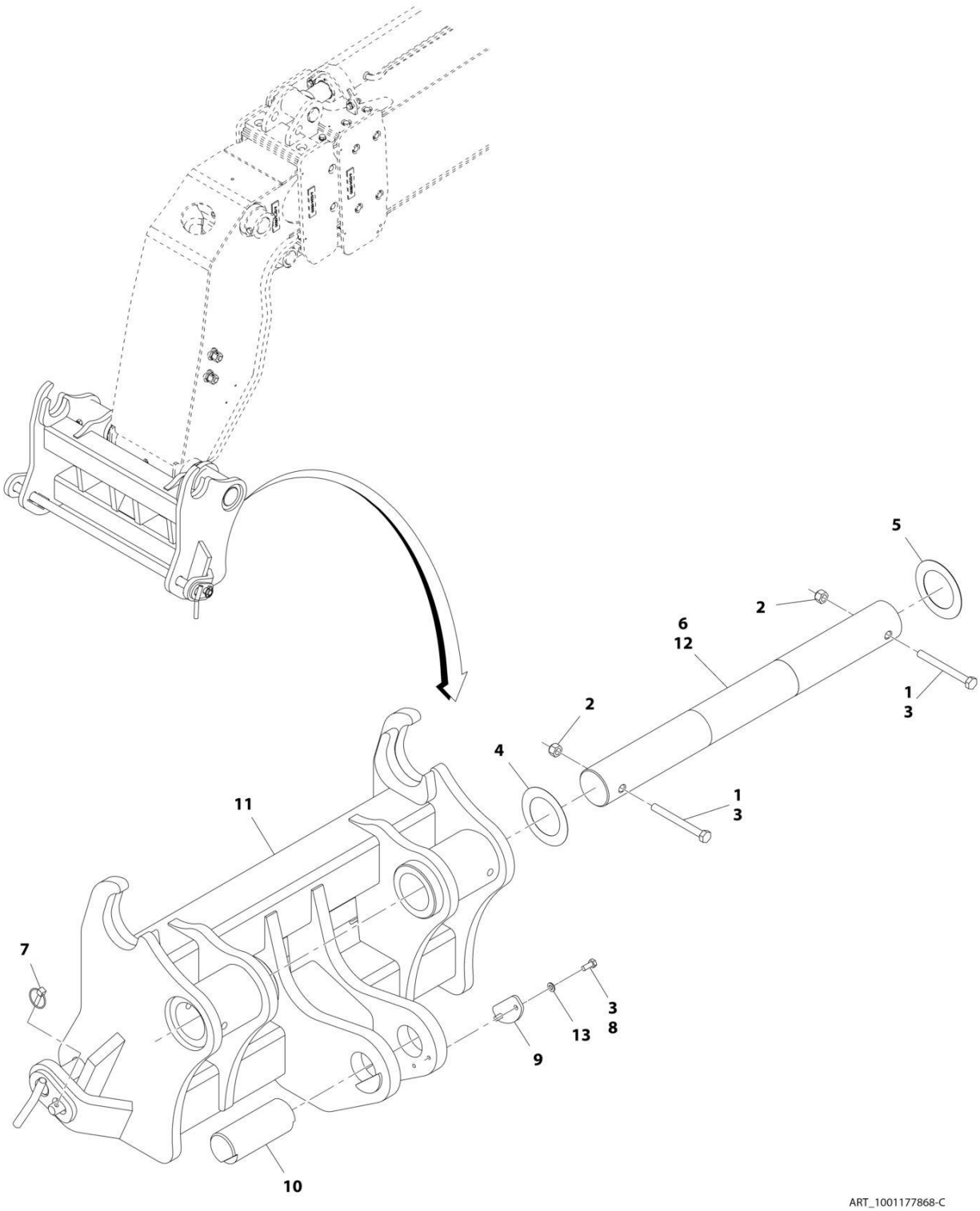
## FIGURE 3-18. MANITOU CARRIAGE INSTALLATION - 4017RS



## FIGURE 3-18. MANITOU CARRIAGE INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179688 | 1 | Manitou Carriage Installation - 4017RS | A |
| 1 | 1001177868 | 1 | Installation, Manitou Coupler (See MANITOU COUPLER INSTALLATION for Breakdown) | |
| 2 | 1001179681 | Ref | Chart, Load Manitou Carriage - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 3 | 1001179682 | Ref | Chart, Load Manitou Carriage (Outriggers) - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |

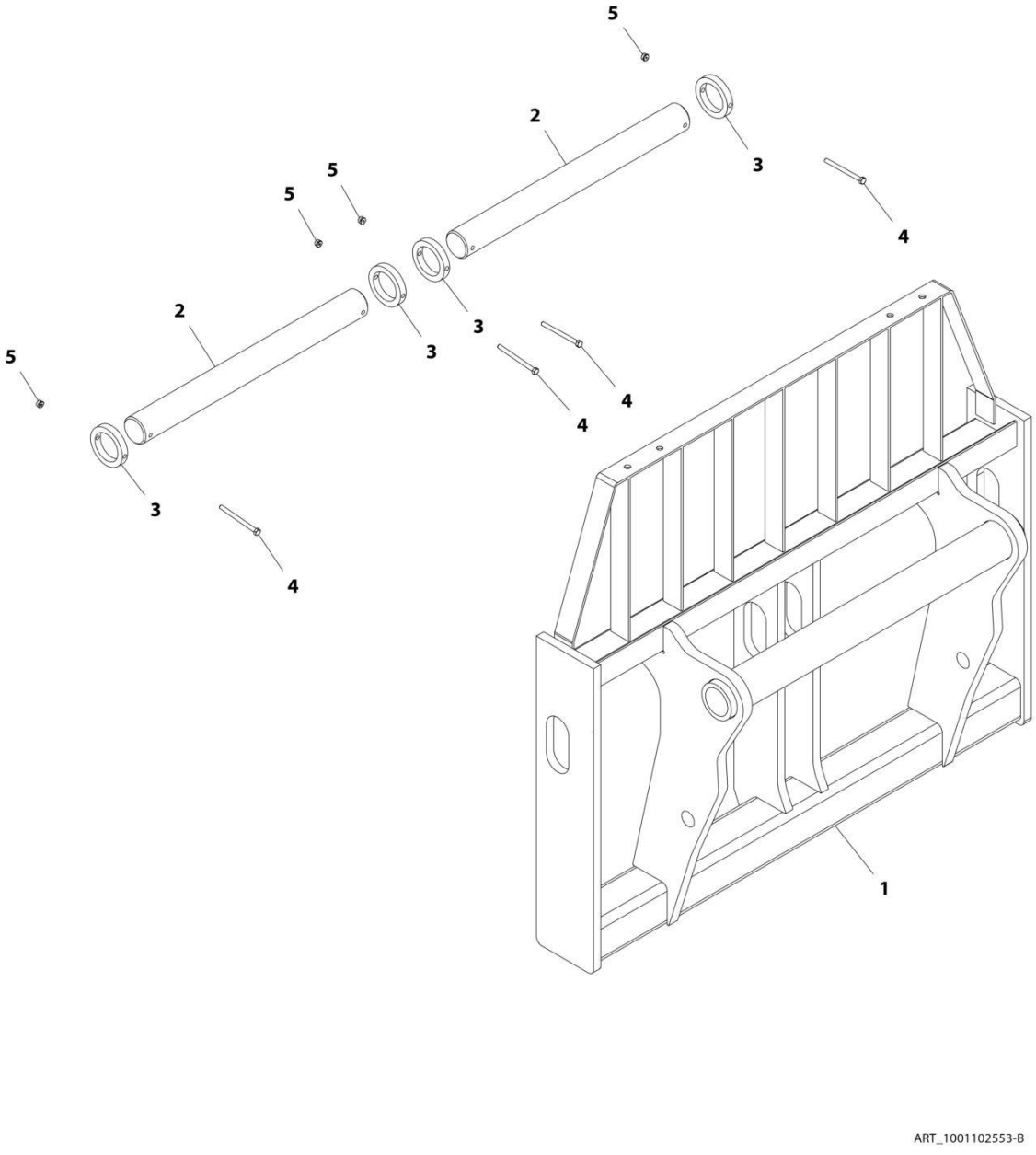
## FIGURE 3-19. MANITOU COUPLER INSTALLATION



## FIGURE 3-19. MANITOU COUPLER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177868 | 1 | Manitou Coupler Installation | C |
| 1 | 0711229 | 2 | Bolt, M12X120 | |
| 2 | 3291205 | 2 | Nut, Lock, M12X1.75 | |
| 3 | 1001095650 | AR | Compound, Locking | |
| 4 | 1001098146 | AR | Shim, 72X110X0.5 | |
| 5 | 1001098147 | AR | Shim, 72X110X1.0 | |
| 6 | 1001098457 | AR | Cat Multipurpose Grease - NLGI Grade 2 | |
| 7 | 1001104350 | 1 | Pin | |
| 8 | 0760810 | 2 | Bolt, M8X20 | |
| 9 | 1001192350 | 1 | Plate, Pin Retention | |
| 10 | 1001147844 | 1 | Pin, Coupler | |
| 11 | 1001171794 | 1 | Manitou Coupler | |
| 12 | 1001147843 | 1 | Pin, Coupler | |
| 13 | 4811900 | 2 | Washer, M8 | |

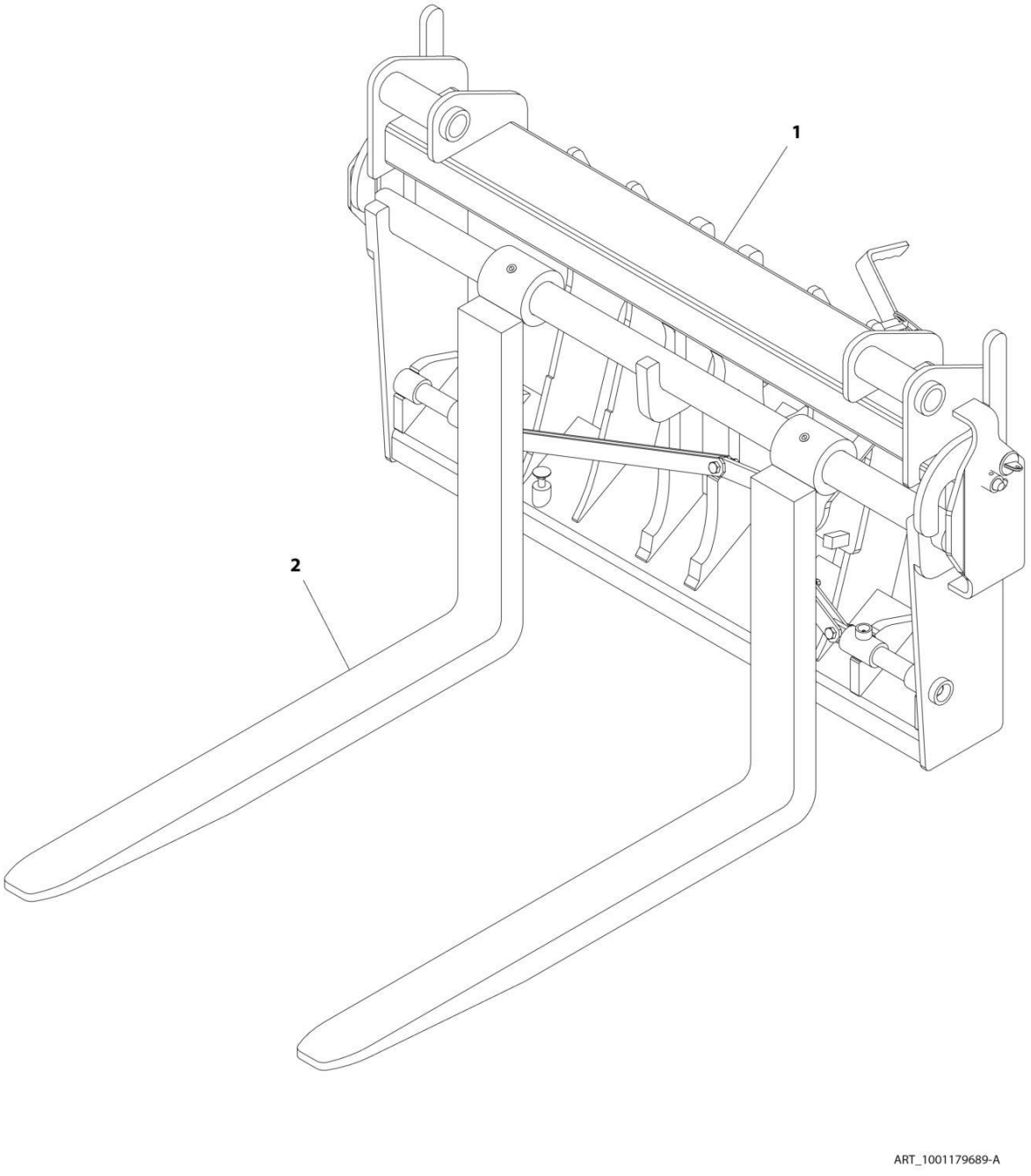
## FIGURE 3-20. MANITOU CARRIAGE



## FIGURE 3-20. MANITOU CARRIAGE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001102553 | Ref | Manitou Carriage | B |
| 1 | 4040283 | 2 | Carriage Shaft | |
| 2 | 3760508 | 4 | Shaft Collar | |
| 3 | 0700827 | 4 | Hex HD Capscrew, M8x100 | |
| 4 | 3290805 | 4 | Hex Locknut, M8 | |

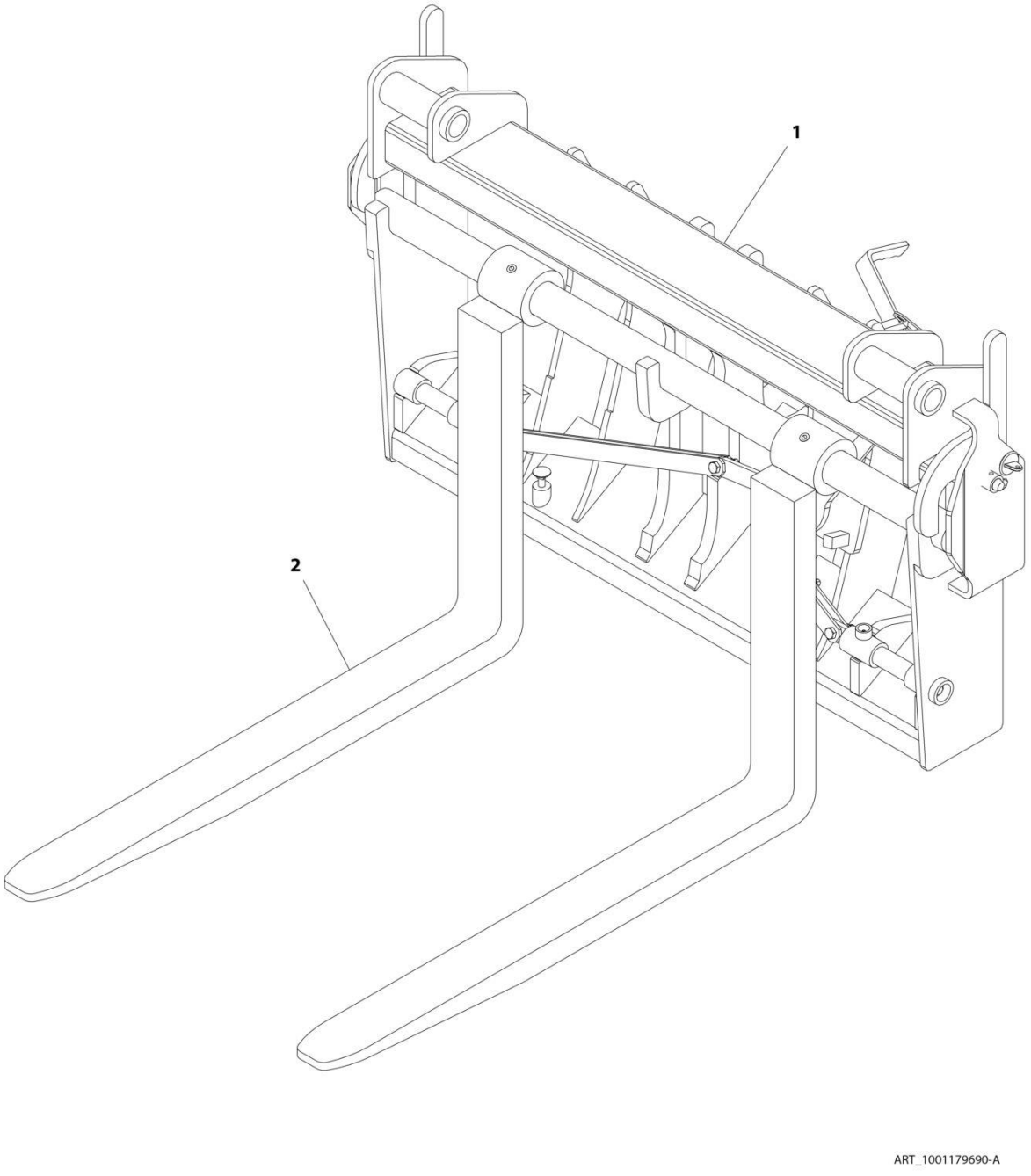
## FIGURE 3-21. JCB CARRIAGE INSTALLATION - 3614RS



## FIGURE 3-21. JCB CARRIAGE INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179689 | Ref | JCB Carriage Installation - 3614RS | A |
| 1 | 1001177869 | 1 | Installation, JCB Coupler (See JCB COUPLER INSTALLATION for Breakdown) | |
| 2 | 1001111758 | 1 | Assembly, JCB Fork (See JCB FORK ASSEMBLY for Breakdown) | |
| 3 | 1001179683 | 1 | Chart, Load Metric JCB Coupler - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 4 | 1001179684 | 1 | Chart, Load Metric JCB Coupler (Outriggers) - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |

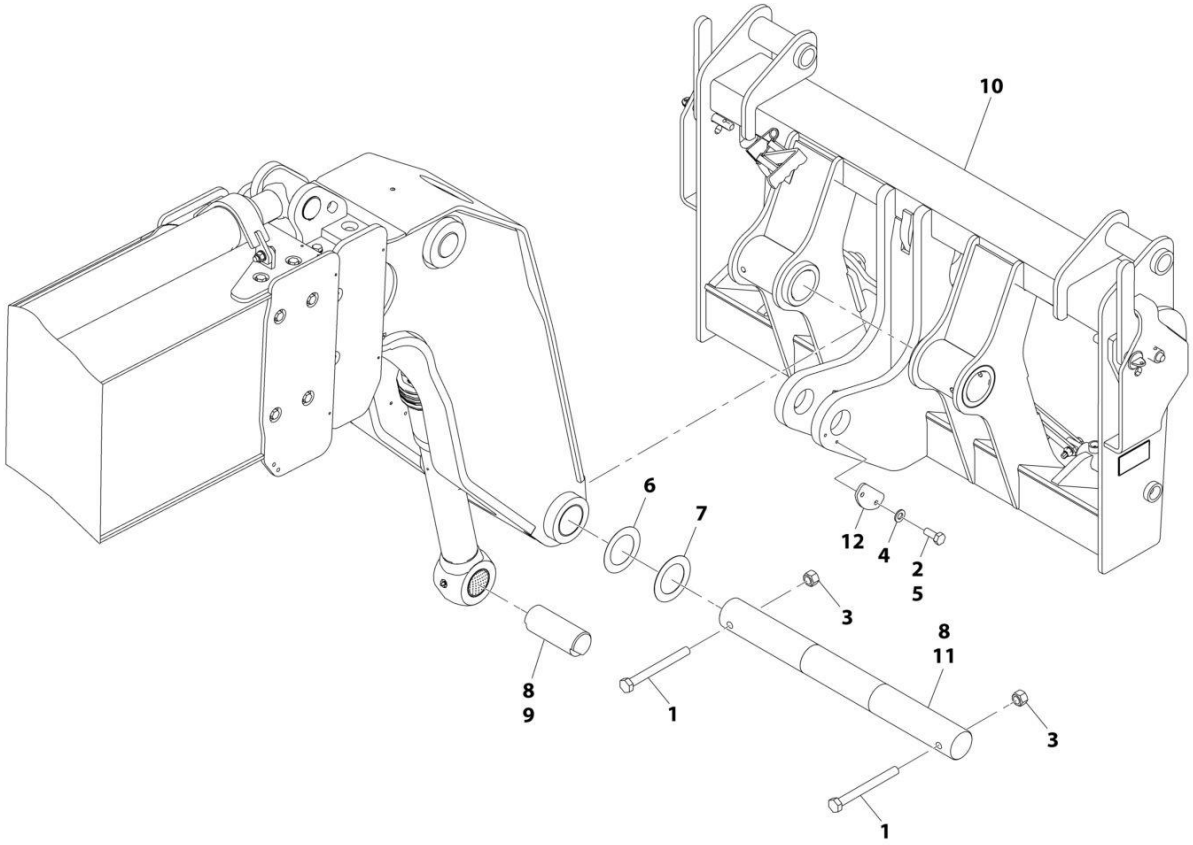
## FIGURE 3-22. JCB CARRIAGE INSTALLATION - 4017RS



## FIGURE 3-22. JCB CARRIAGE INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001179690 | Ref | JCB Carriage Installation - 4017RS | A |
| 1 | 1001177869 | 1 | Installation, JCB Coupler (See JCB COUPLER INSTALLATION for Breakdown) | |
| 2 | 1001111758 | 1 | Assembly, JCB Fork (See JCB FORK ASSEMBLY for Breakdown) | |
| 3 | 1001179685 | 1 | Chart, Load Metric JCB Coupler 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 4 | 1001179686 | 1 | Chart, Load Metric JCB Coupler (Outriggers) - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |

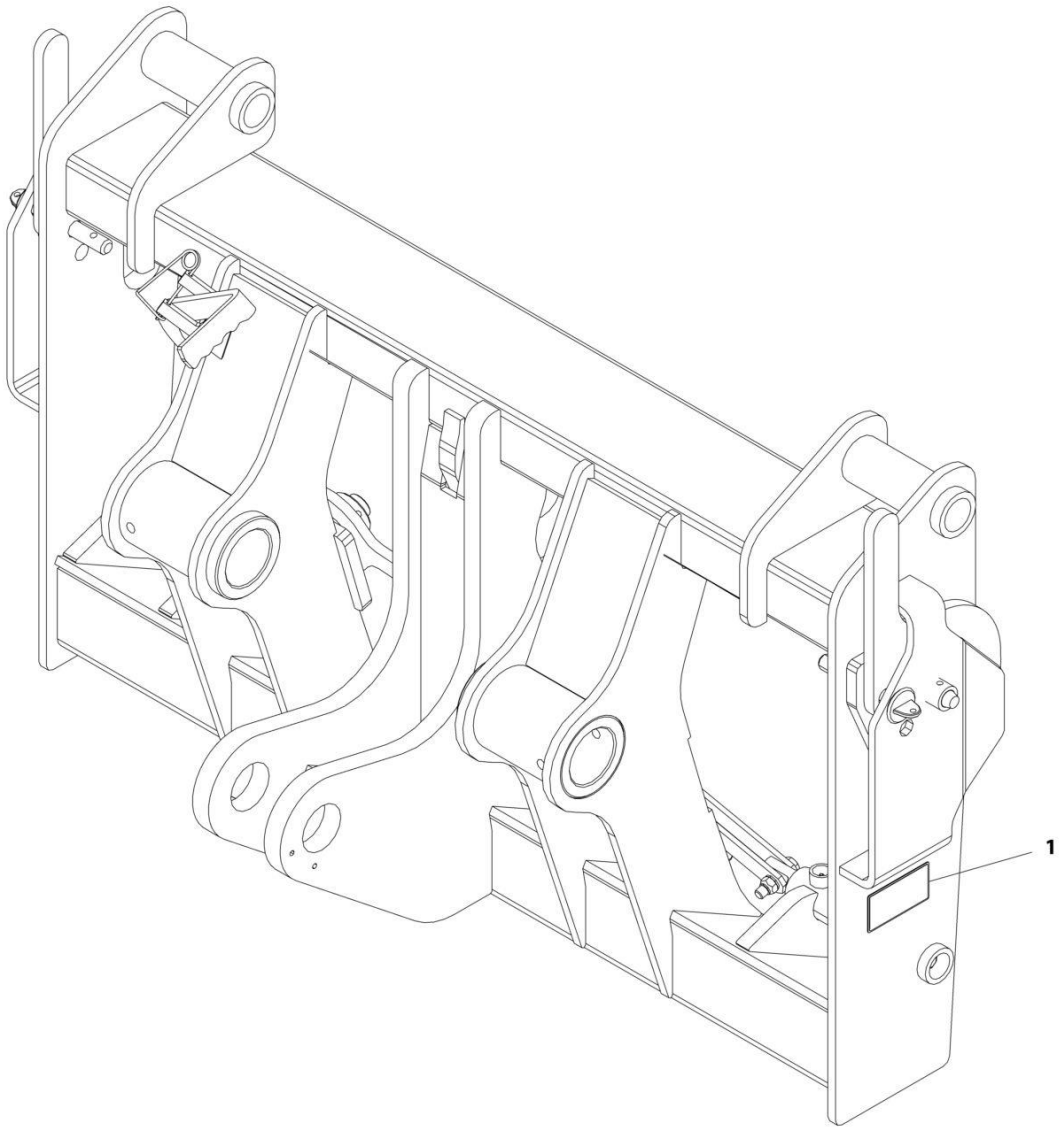
## FIGURE 3-23. JCB COUPLER INSTALLATION



## FIGURE 3-23. JCB COUPLER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177869 | Ref | JCB Coupler Installation | B |
| 1 | 0711229 | 2 | Bolt, M12X120 | |
| 2 | 0760810 | 2 | Bolt, M8X20 | |
| 3 | 3291205 | 2 | Nut, Lock M12X1.75 | |
| 4 | 4811900 | 2 | Washer, M8 | |
| 5 | 1001095650 | AR | Compound, Locking | |
| 6 | 1001098146 | AR | Shim, 72X110X0.5 | |
| 7 | 1001098147 | AR | Shim, 72X110X1.0 | |
| 8 | 1001098457 | AR | Lube, Lithium Grease | |
| 9 | 1001147844 | 1 | Pin | |
| 10 | 1001199290 | 1 | Coupling, JCB (See JCB COUPLING for Breakdown) | |
| 11 | 1001147843 | 1 | Pin | |
| 12 | 1001192350 | 1 | Plate, Pin Retention | |

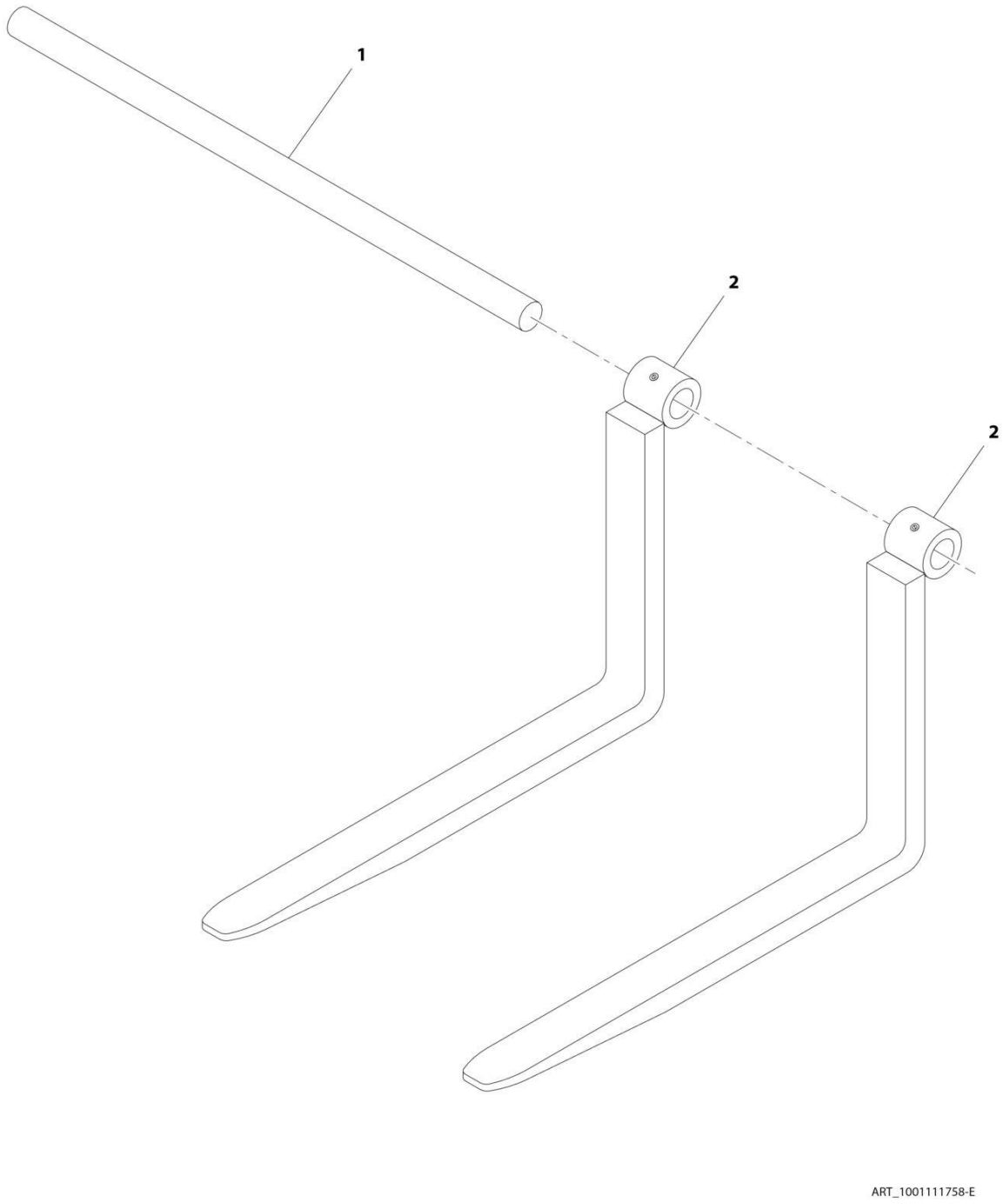
**FIGURE 3-24. JCB COUPLING**



## FIGURE 3-24. JCB COUPLING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199290 | Ref | JCB Coupling | A |
| 1 | 1001199259 | 1 | Decal | |

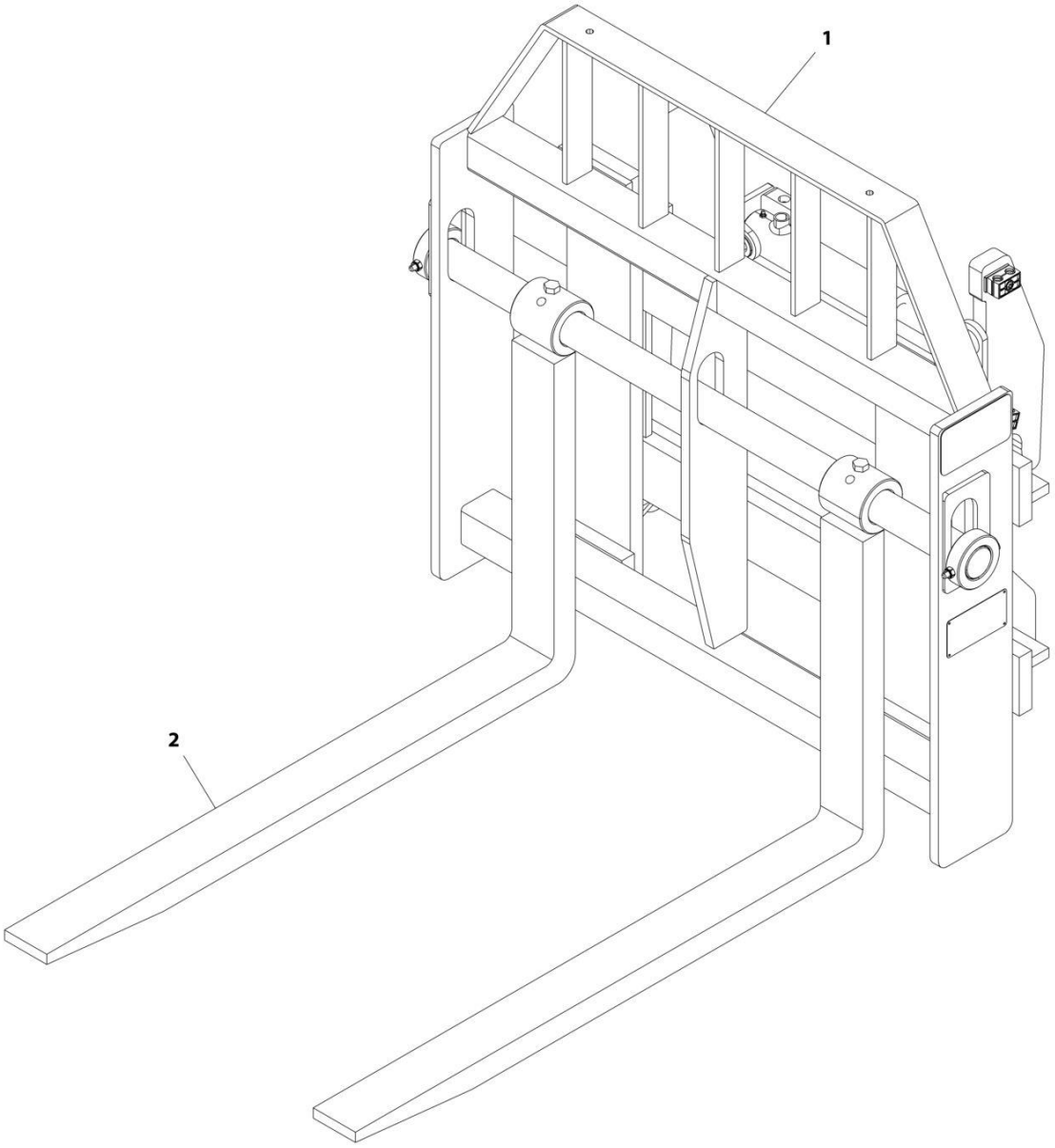
**FIGURE 3-25. JCB FORK ASSEMBLY**



## FIGURE 3-25. JCB FORK ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001111758 | Ref | JCB Fork Assembly | E |
| 1 | 1001108133 | 1 | Fork Bar | |
| 2 | 1001111757 | 2 | Fork | |

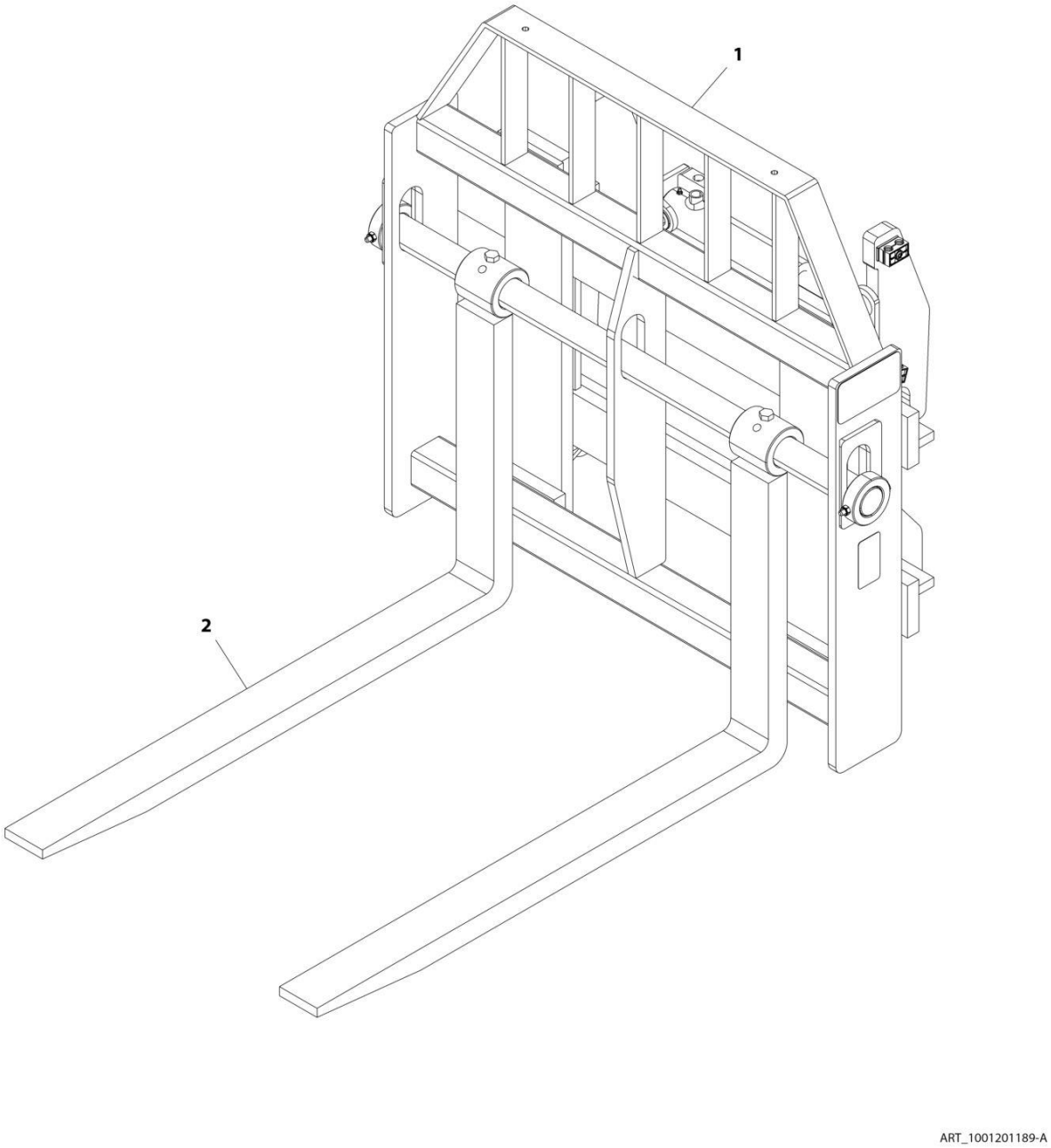
## FIGURE 3-26. SIDE SHIFT CARRIAGE INSTALLATION - 3614RS



## FIGURE 3-26. SIDE SHIFT CARRIAGE INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201185 | Ref | Side Shift Carriage Installation - 3614RS | A |
| 1 | 1170002 | 1 | Carriage, Side Shift (See SIDE SHIFT CARRIAGE INSTALLATION - 4000Kg for Breakdown) | |
| 2 | 2340030 | 1 | Assembly, Fork Tine (See FORKS for Breakdown) | |
| 3 | 1001201187 | 1 | Chart, Load Metric Side Shift - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |
| 4 | 1001201188 | 1 | Chart, Load Metric Side Shift (Outriggers) - 3614RS (not shown) (See DECALS SECTION for Breakdown) | |

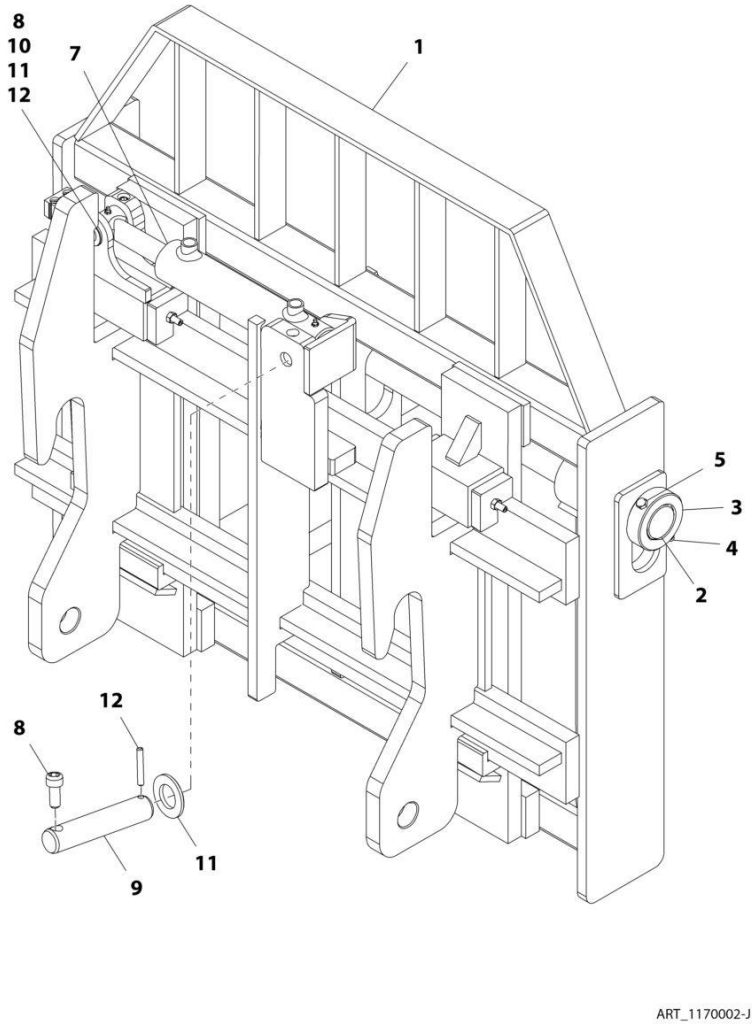
## FIGURE 3-27. SIDE SHIFT CARRIAGE INSTALLATION - 4017RS



## FIGURE 3-27. SIDE SHIFT CARRIAGE INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001201189 | Ref | Side Shift Carriage Installation - 4017RS | A |
| 1 | 1170002 | 1 | Carriage, Side Shift (See SIDE SHIFT CARRIAGE INSTALLATION - 4000Kg for Breakdown) | |
| 2 | 2340030 | 1 | Assembly, Fork Tine (See FORKS for Breakdown) | |
| 3 | 1001201190 | 1 | Chart, Load Metric Side Shift - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |
| 4 | 1001201191 | 1 | Chart, Load Metric Side Shift (Outriggers) - 4017RS (not shown) (See DECALS SECTION for Breakdown) | |

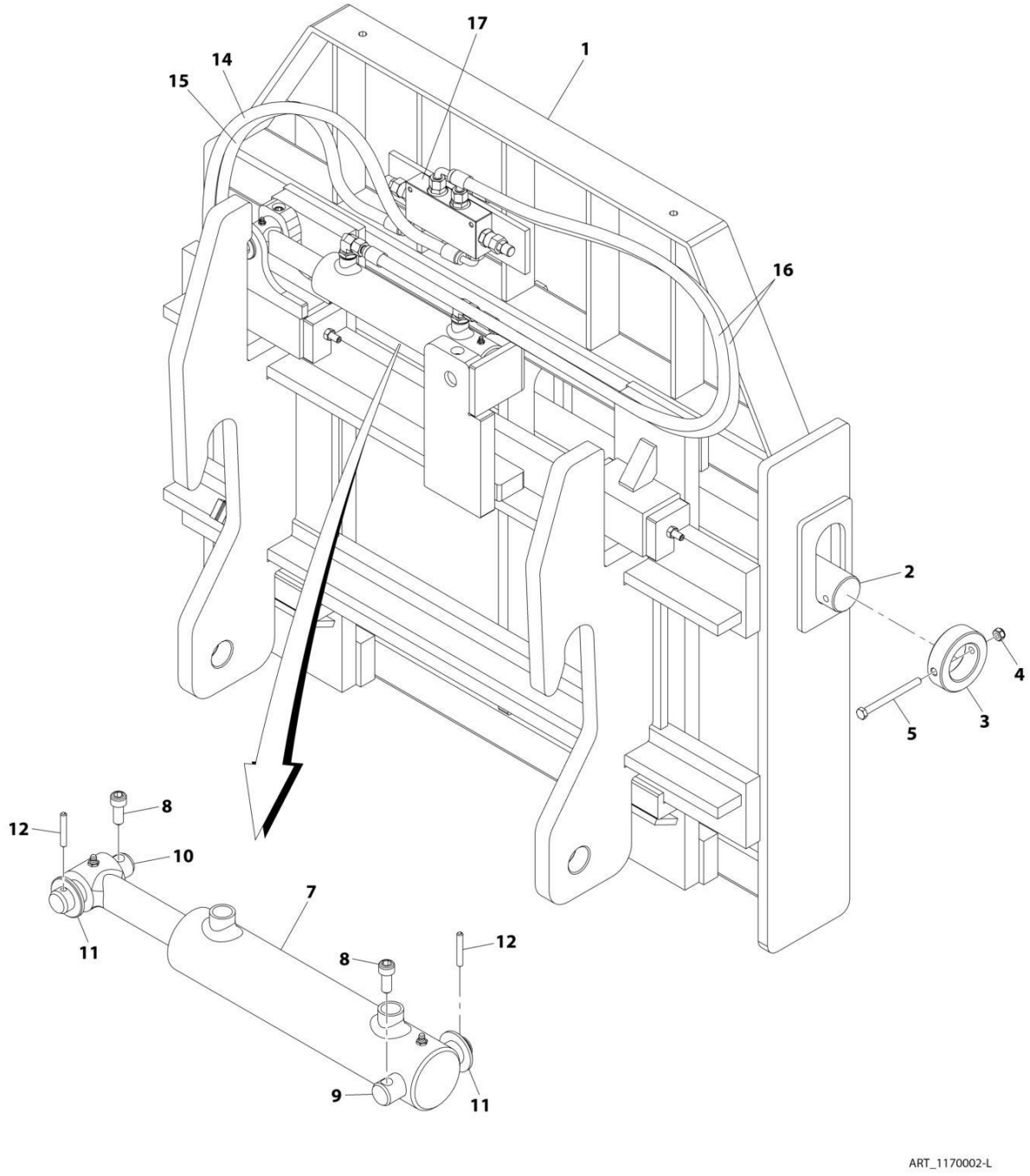
**FIGURE 3-28. SIDE SHIFT CARRIAGE ASSEMBLY (SN 1160007024 through 1160008687)**



## FIGURE 3-28. SIDE SHIFT CARRIAGE ASSEMBLY (SN 1160007024 through 1160008687)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1170002 | 1 | Side Shift Carriage Assembly, (Lamy), (includes items 1 thru 5 & 7 thru 13) | J |
| 1 | N.S.S. | 1 | Carriage Weldment | |
| 2 | 7028136 | 1 | Fork Pin | |
| 3 | 7028137 | 2 | Collar | |
| 4 | 3291005 | 2 | Nut | |
| 5 | 0701029 | 2 | Capscrew | |
| 7 | 70021558 | 1 | Cylinder | |
| 8 | 70021559 | 2 | Bolt | |
| 9 | 70021560 | 1 | Pin | |
| 10 | 70021561 | 1 | Pin | |
| 11 | 70021562 | 2 | Washer | |
| 12 | 70021563 | 2 | Roll Pin | |
| 13 | N.S.S. | 1 | S/N Plate (not shown) | |

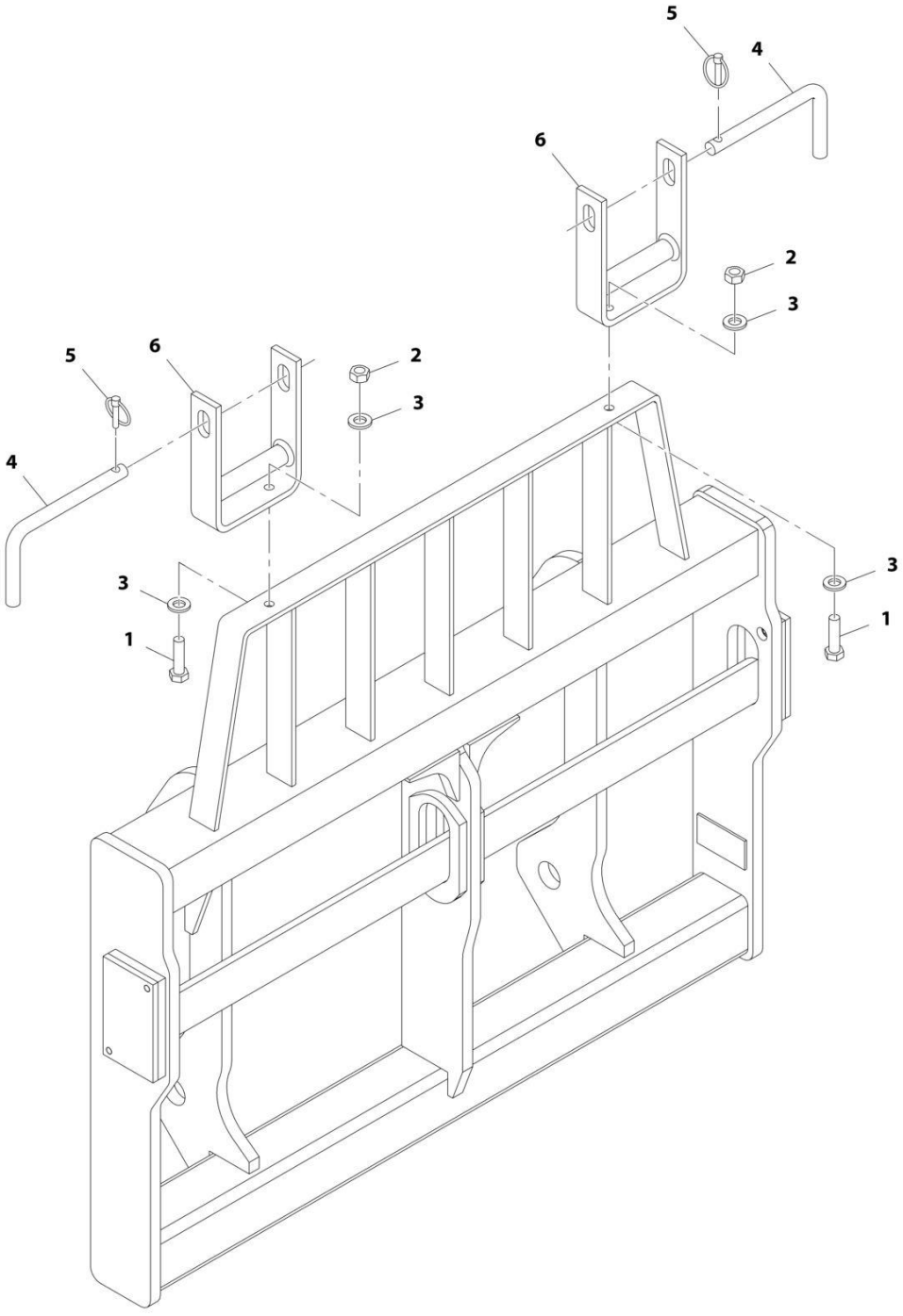
**FIGURE 3-29. SIDE SHIFT CARRIAGE ASSEMBLY (SN 1160008687 through 1160008790)**



## FIGURE 3-29. SIDE SHIFT CARRIAGE ASSEMBLY (SN 1160008687 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1170002 | 1 | Side Shift Carriage Assembly | L |
| 1 | N.S.S. | 1 | Carriage Weldment | |
| 2 | 7028136 | 1 | Fork Pin | |
| 3 | 7028137 | 2 | Collar | |
| 4 | 3291005 | 2 | Nut | |
| 5 | 0701029 | 2 | Capscrew | |
| 7 | 70021558 | 1 | Cylinder | |
| 8 | 70021559 | 2 | Bolt | |
| 9 | 70021560 | 1 | Pin | |
| 10 | 70021561 | 1 | Pin | |
| 11 | 70021562 | 2 | Washer | |
| 12 | 70021563 | 2 | Roll Pin | |
| 13 | N.S.S. | 1 | S/N Plate (not shown) | |
| 14 | 70029011 | 3 | Hose | |
| 15 | 70029012 | 1 | Hose | |
| 16 | 70029013 | 2 | Hose | |
| 17 | 70027291 | 1 | Balancing Valve | |

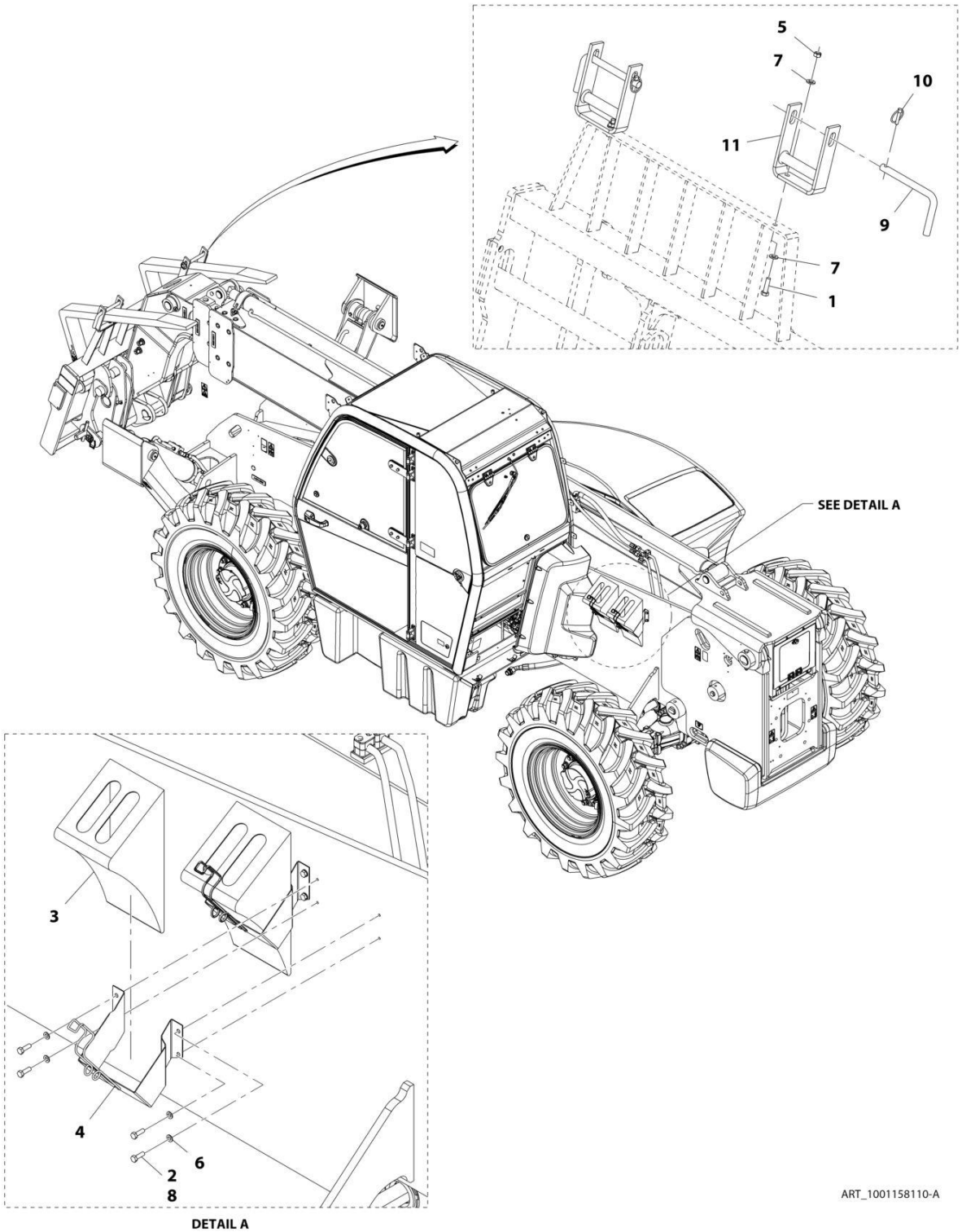
## FIGURE 3-30. FORK TRANSPORT LATCH INSTALLATION



## FIGURE 3-30. FORK TRANSPORT LATCH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001185346 | Ref | Fork Transport Latch Installation (If equipped) | C |
| 1 | 0701217 | 2 | Bolt, M12X45 | |
| 2 | 3291201 | 2 | Nut, M12X1.75 | |
| 3 | 5241200 | 4 | Washer, M12 | |
| 4 | 1001218462 | 2 | Pin, Carriage Fork Retainer | |
| 5 | 1001109387 | 2 | Pin, Linch | |
| 6 | 1001218452 | 2 | Bracket | |

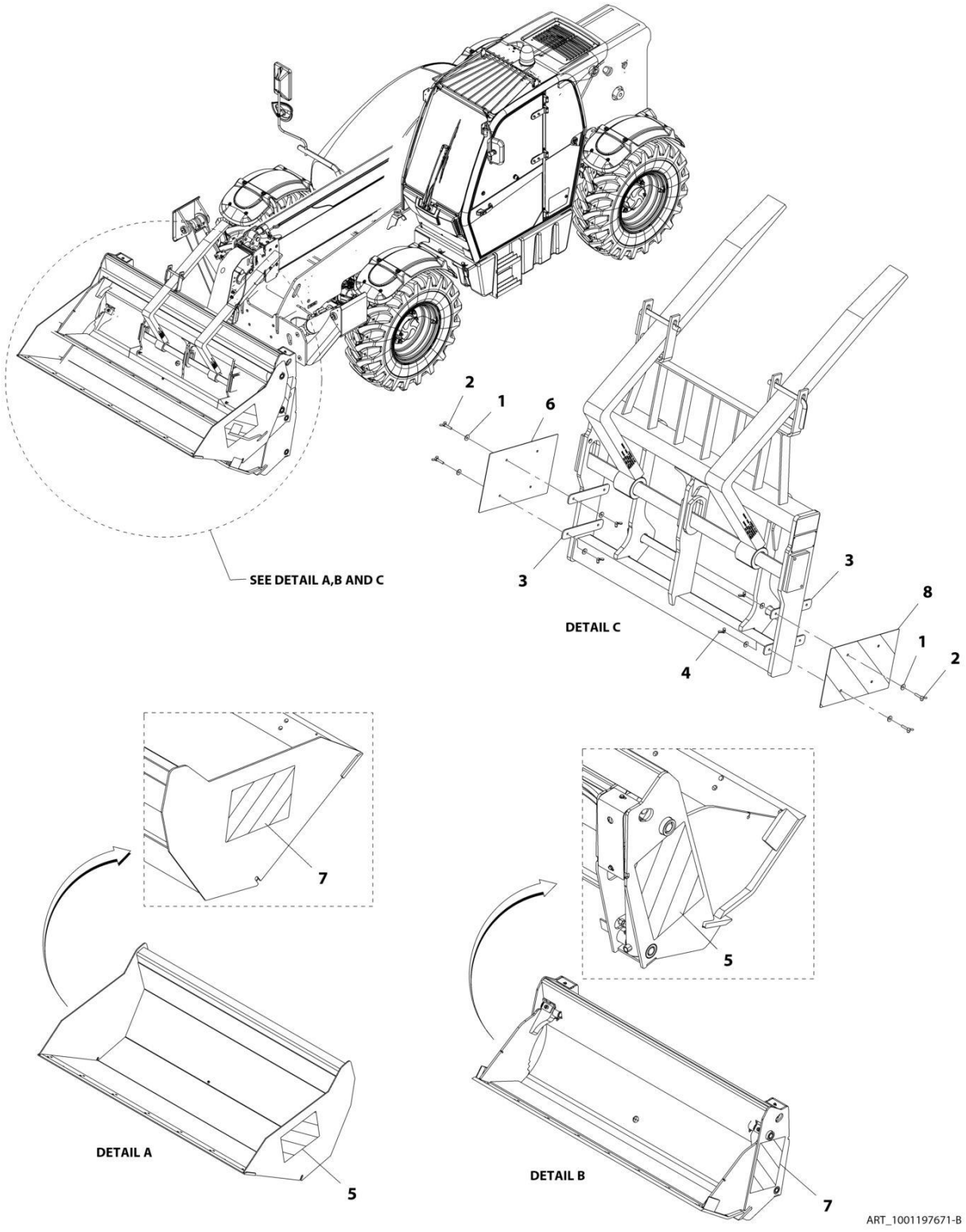
## FIGURE 3-31. HOMOLOGATION INSTALLATION - 3614RS (GERMANY)



## FIGURE 3-31. HOMOLOGATION INSTALLATION - 3614RS (GERMANY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158110 | Ref | Homologation Installation - 3614RS (Germany, if equipped) | A |
| 1 | 0701217 | 2 | Bolt, M12X45 | |
| 2 | 0760812 | 8 | Bolt, M8X25 | |
| 3 | 806253 | 2 | Wedge | |
| 4 | 806264 | 2 | Holder, Wedge | |
| 5 | 3291201 | 2 | Nut, M12X1.75 | |
| 6 | 4811900 | 8 | Washer, M8 | |
| 7 | 5241200 | 4 | Washer, M12 | |
| 8 | 1001095650 | AR | Compound, Locking | |
| 9 | 1001100262 | 2 | Pin, Carriage Fork Retainer | |
| 10 | 1001109387 | 2 | Pin, Linch | |
| 11 | 1001152259 | 2 | Bracket | |

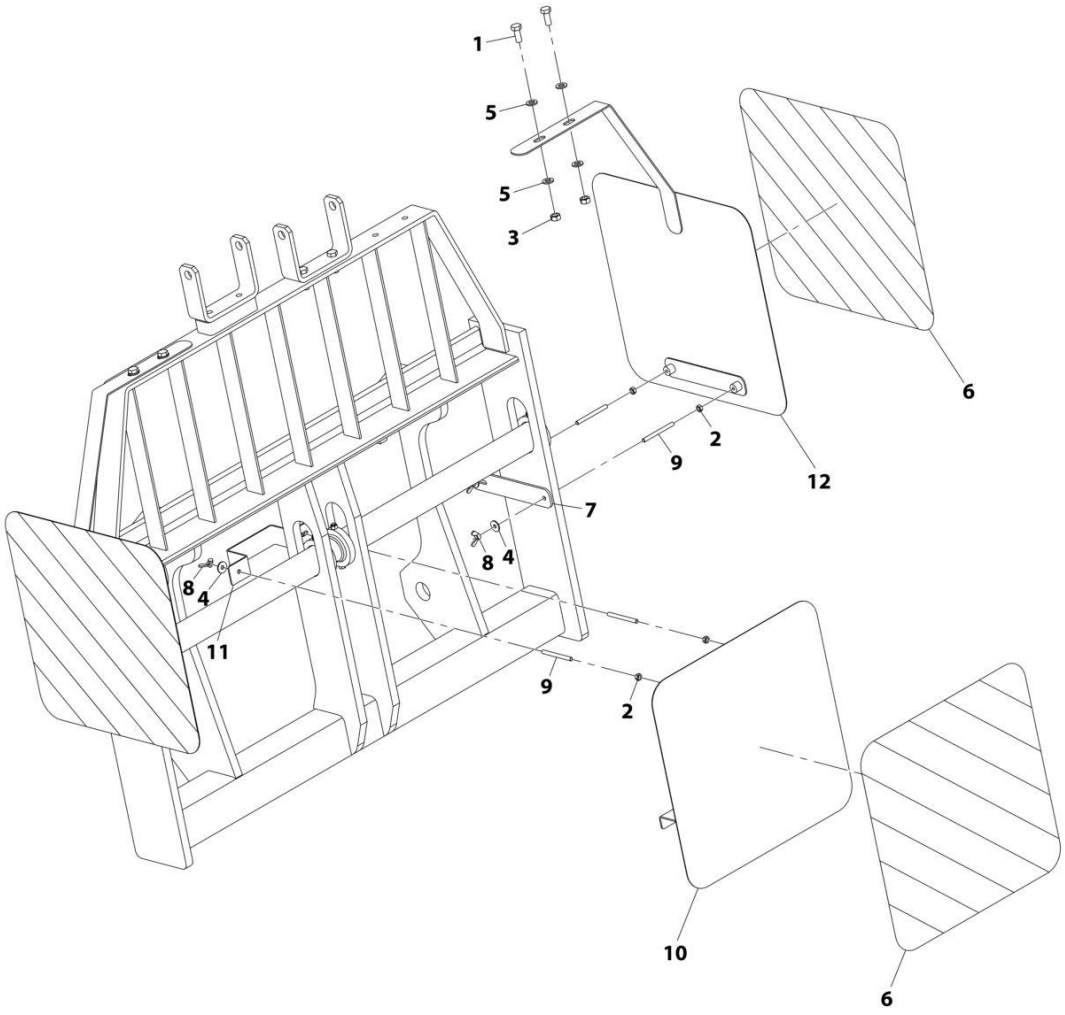
## FIGURE 3-32. HOMOLOGATION WARNING PANEL INSTALLATION - 3614RS (GERMANY)



## FIGURE 3-32. HOMOLOGATION WARNING PANEL INSTALLATION - 3614RS (GERMANY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001197671 | Ref | Homologation Warning Installation - 3614RS (Germany, if equipped) | B |
| 1 | 4811902 | 16 | Washer, M8 | |
| 2 | 1001101458 | 8 | Bolt, M8X40 | |
| 3 | 1001163938 | 4 | Plate, Support | |
| 4 | 1001164237 | 8 | Nut, Wing M8X1.25 | |
| 5 | 1001197817 | 2 | Film, Safety | |
| 6 | 1001199861 | 1 | Plate, Warning Panel | |
| 7 | 1001201195 | 2 | Film, Safety | |
| 8 | 1001201236 | 1 | Plate, Warning Panel | |

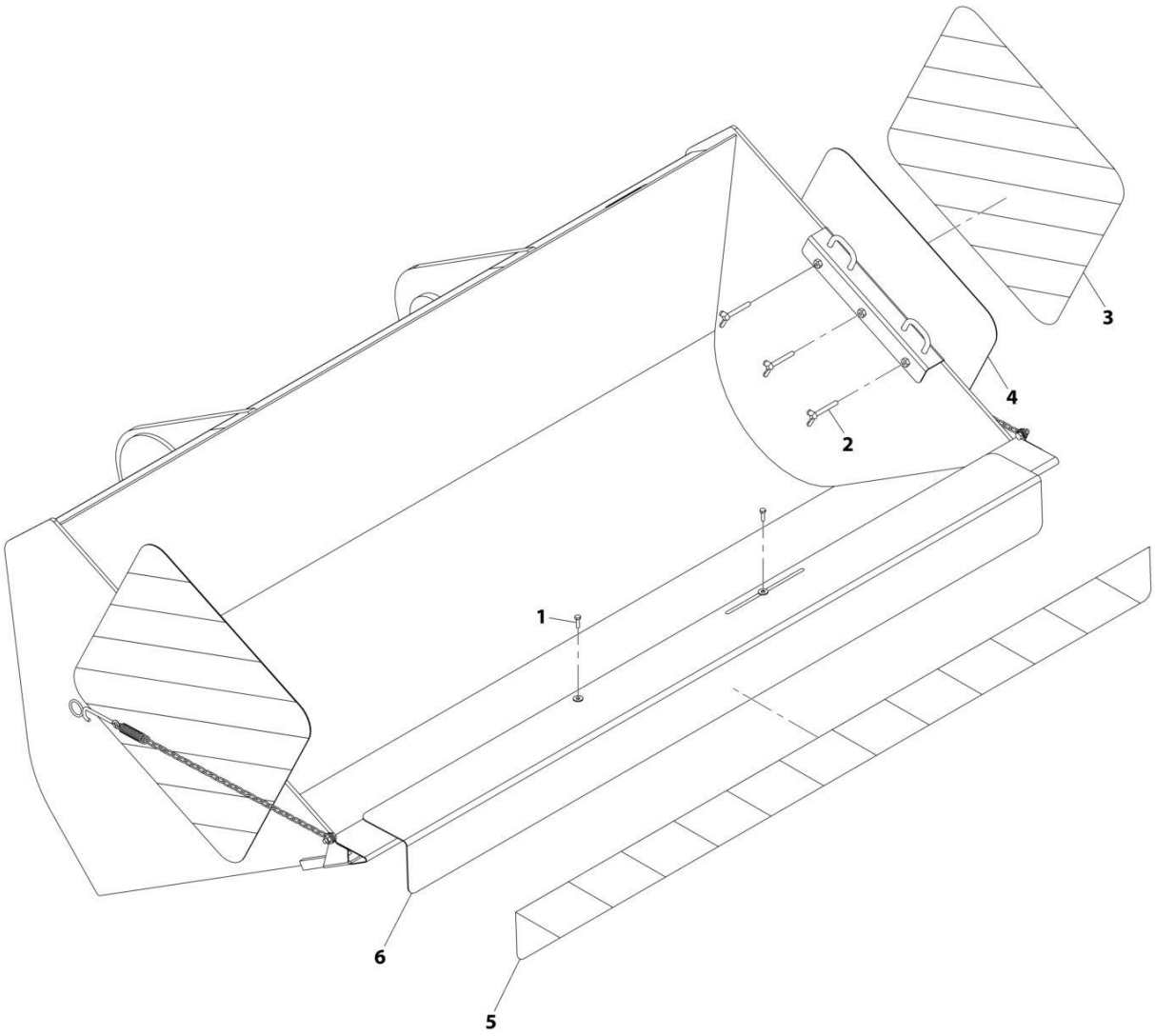
## FIGURE 3-33. REFLECTIVE PLATES INSTALLATION (FORKS)



## FIGURE 3-33. REFLECTIVE PLATES INSTALLATION (FORKS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214454 | Ref | Reflective Plates Installation (Forks) | C |
| 1 | 0761214 | 4 | Bolt, M12X30 | |
| 2 | 3290801 | 6 | Nut, M8X1.25 | |
| 3 | 3291201 | 4 | Nut, M12X1.75 | |
| 4 | 4811902 | 6 | Washer, M8 | |
| 5 | 4812100 | 8 | Washer, M12 | |
| 6 | 1001162771 | 3 | Safety Film | |
| 7 | 1001163938 | 2 | Plate | |
| 8 | 1001164237 | 6 | Nut, M8X1.25 | |
| 9 | 1001164273 | 6 | Stud, M8 | |
| 10 | 1001189707 | 1 | Bracket, Warning Panel | |
| 11 | 1001189709 | 1 | Bracket, Support | |
| 12 | 1001195493 | 2 | Bracket, Warning Panel | |

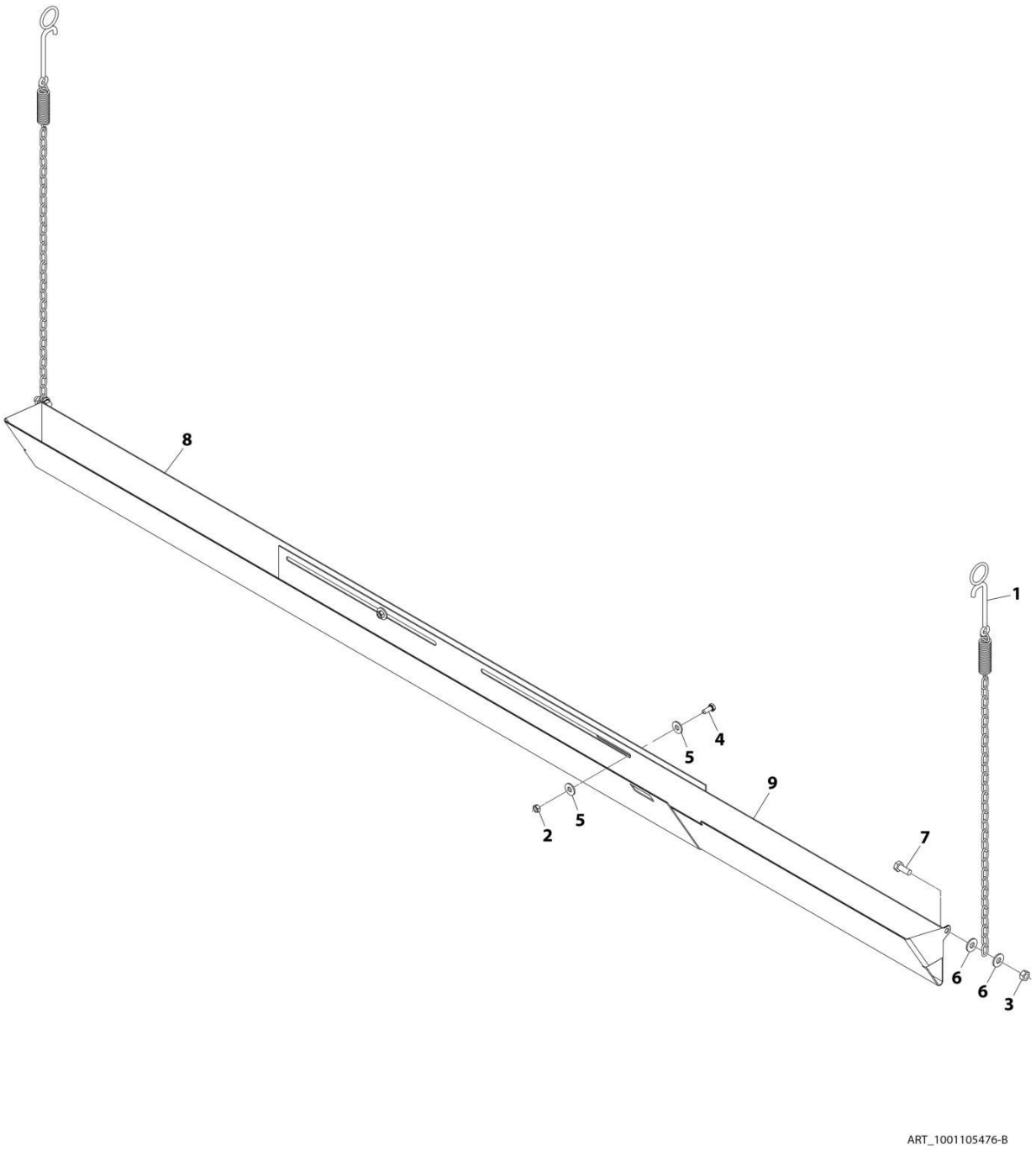
## FIGURE 3-34. REFLECTIVE PLATES INSTALLATION (BUCKET) (ITALY)



## FIGURE 3-34. REFLECTIVE PLATES INSTALLATION (BUCKET) (ITALY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001188997 | Ref | Reflective Plates Installation (Bucket) (Italy) | A |
| 1 | 0760610 | 2 | Bolt, M6X20 | |
| 2 | 1001139884 | 6 | Bolt, M8 | |
| 3 | 1001162771 | 2 | Safety Film | |
| 4 | 1001163625 | 2 | Bracket | |
| 5 | 1001189705 | 1 | Safety Film | |
| 6 | 1001189706 | 1 | Bracket | |

## FIGURE 3-35. BUCKET GUARD ACCESSORY (ITALY)

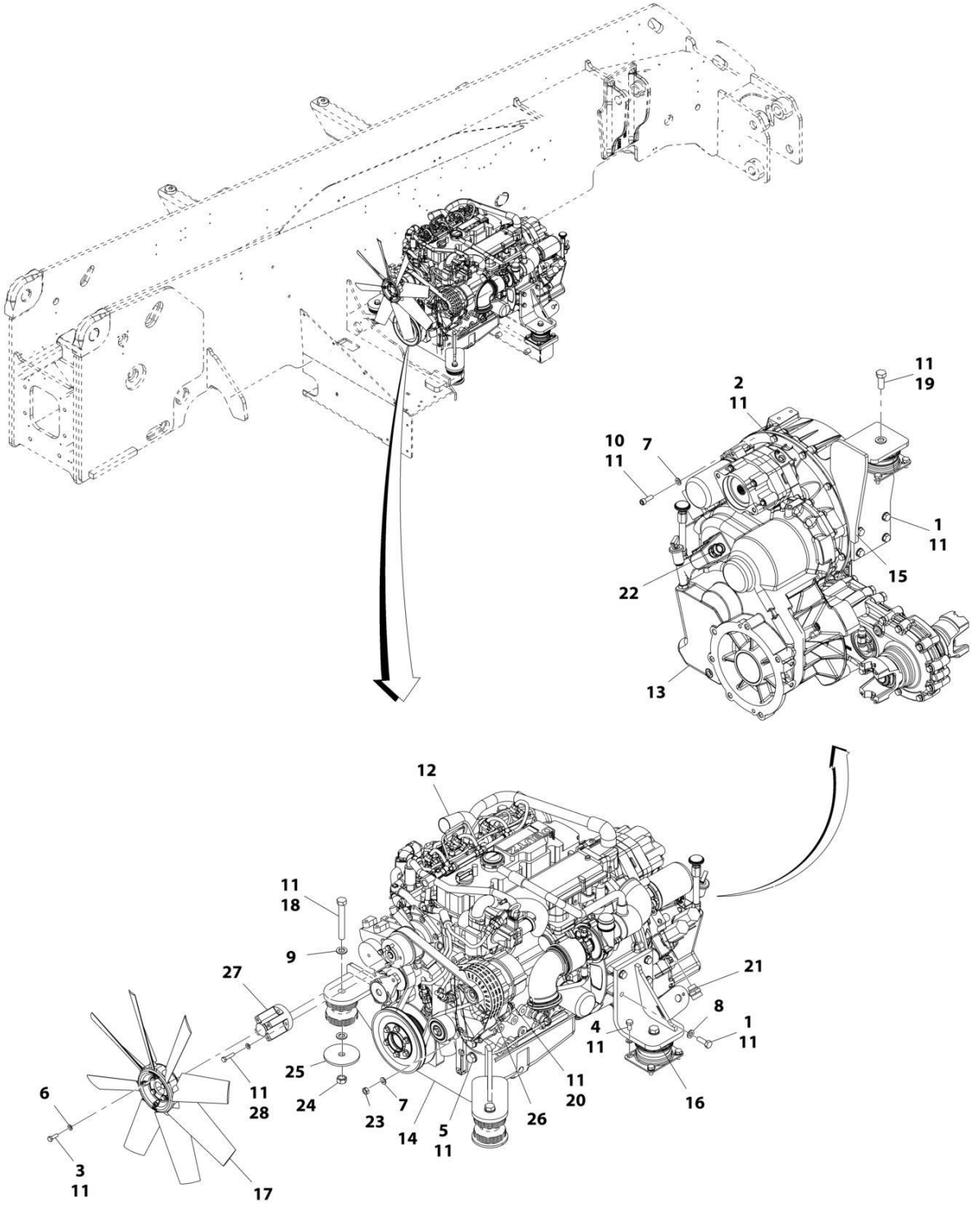


## FIGURE 3-35. BUCKET GUARD ACCESSORY (ITALY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001105476 | Ref | Bucket Guard Accessory (Italy) | B |
| 1 | 1001003064 | 2 | Retainer | |
| 2 | 3290601 | 2 | Nut, M6X1 | |
| 3 | 1001008605 | 2 | Nut | |
| 4 | 8303545 | 2 | Nut, M6X1 | |
| 5 | 10701275 | 4 | Washer | |
| 6 | 1001008666 | 4 | Washer | |
| 7 | 0760810 | 2 | Nut, M8X20 | |
| 8 | 1001105474 | 1 | Plate, Bucket Guard Right | |
| 9 | 1001105475 | 1 | Plate, Bucket Guard Left | |

# SECTION 4 - ENGINE AND ATTACHING PARTS

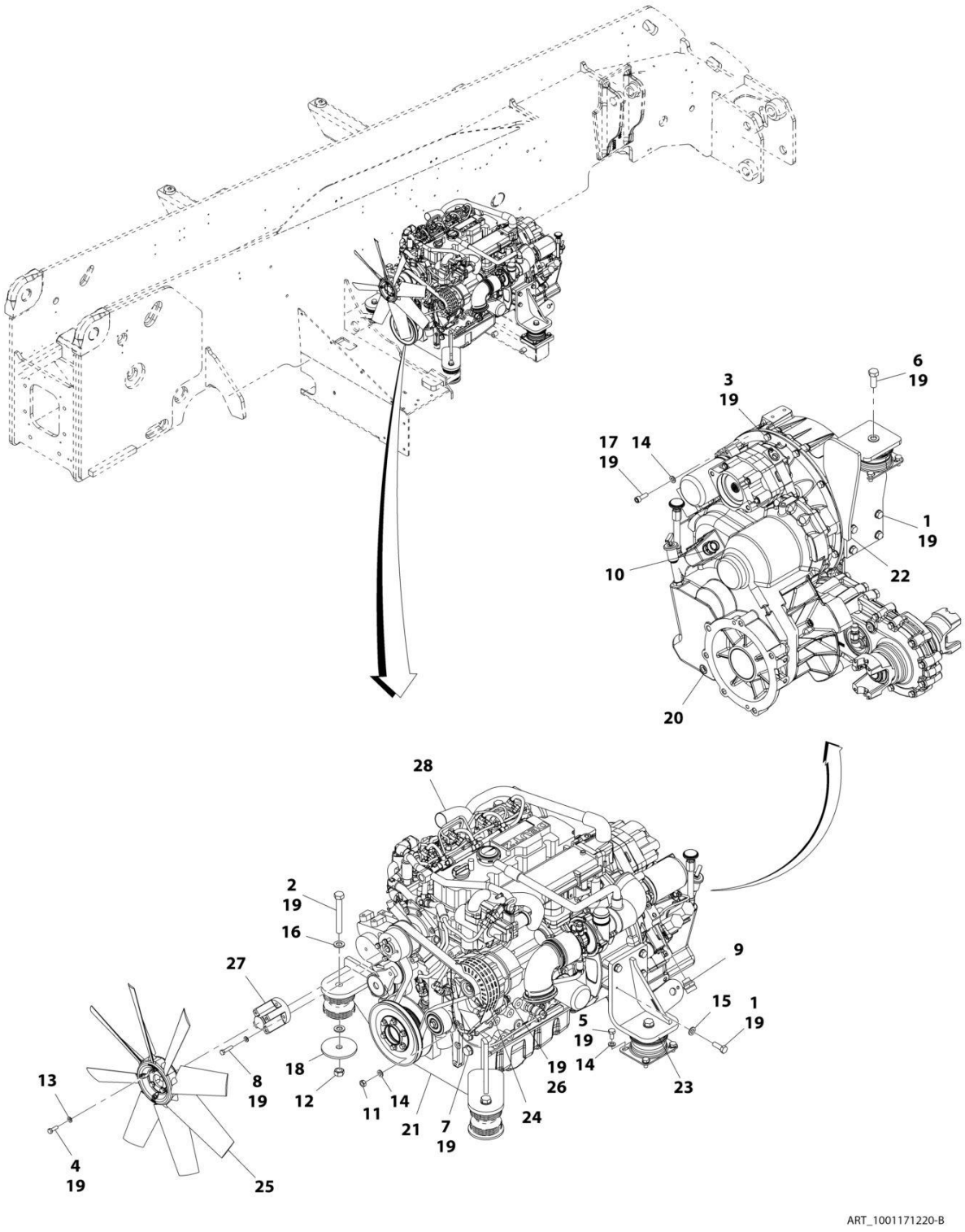
## FIGURE 4-1. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 74KW (SN 1160007024 through 1160007354)



## FIGURE 4-1. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 74KW (SN 1160007024 through 1160007354)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141038 | Ref | Engine and Transmission Installation (if equipped with ULS) - 74KW | F |
| 1 | 0701215 | 8 | Bolt, M12X35 | |
| 2 | 0711014 | 9 | Bolt, M10X30, Grade 10.9 | |
| 3 | 0760812 | 4 | Bolt, M8X25 | |
| 4 | 0761010 | 8 | Bolt, M10X20 | |
| 5 | 0761619 | 4 | Bolt, M16X55 | |
| 6 | 4811900 | 8 | Washer, M8 | |
| 7 | 4812000 | 19 | Washer, M10 | |
| 8 | 4812100 | 8 | Washer, M12 | |
| 9 | 4812300 | 10 | Washer, M16 | |
| 10 | 91513234 | 1 | Bolt, M10X30, Grade 10.9 | |
| 11 | 1001095650 | AR | Compound, Locking | |
| 12 | 1001141035 | 1 | Engine, Deutz TCD 3.6 L4 (FOR ENGINE PARTS INFORMATION REFER TO DEUTZ ENGINE PARTS MANUAL 31211006) | E |
| 13 | 1001141036 | 1 | Transmission (See DRIVETRAIN SECTION for Breakdown) | |
| 14 | 1001141093 | 1 | Bracket, Engine Mount | |
| 15 | 1001141097 | 1 | Bracket, Engine Mount | |
| 16 | 1001141100 | 1 | Bracket, Engine Mount | |
| 17 | 1001150752 | 1 | Fan | |
| 18 | 0701629 | 2 | Bolt, M16X120 | |
| 19 | 0761616 | 2 | Bolt, M16X40 | |
| 20 | 1001152378 | 1 | Bolt, M10X110 | |
| 21 | 2144810 | 1 | Connector | |
| 22 | 2144811 | 1 | Adapter, Straight | |
| 23 | 3291001 | 1 | Nut, M10X1.5 | |
| 24 | 3291601 | 2 | Nut, M16X2 | |
| 25 | 1001008506 | 2 | Washer | |
| 26 | 1001150630 | 1 | Shield, Alternator | |
| 27 | 1001170311 | 1 | Adapter, Fan | |
| 28 | 0770815 | 4 | Bolt, M8X35, Grade 10.9 | |

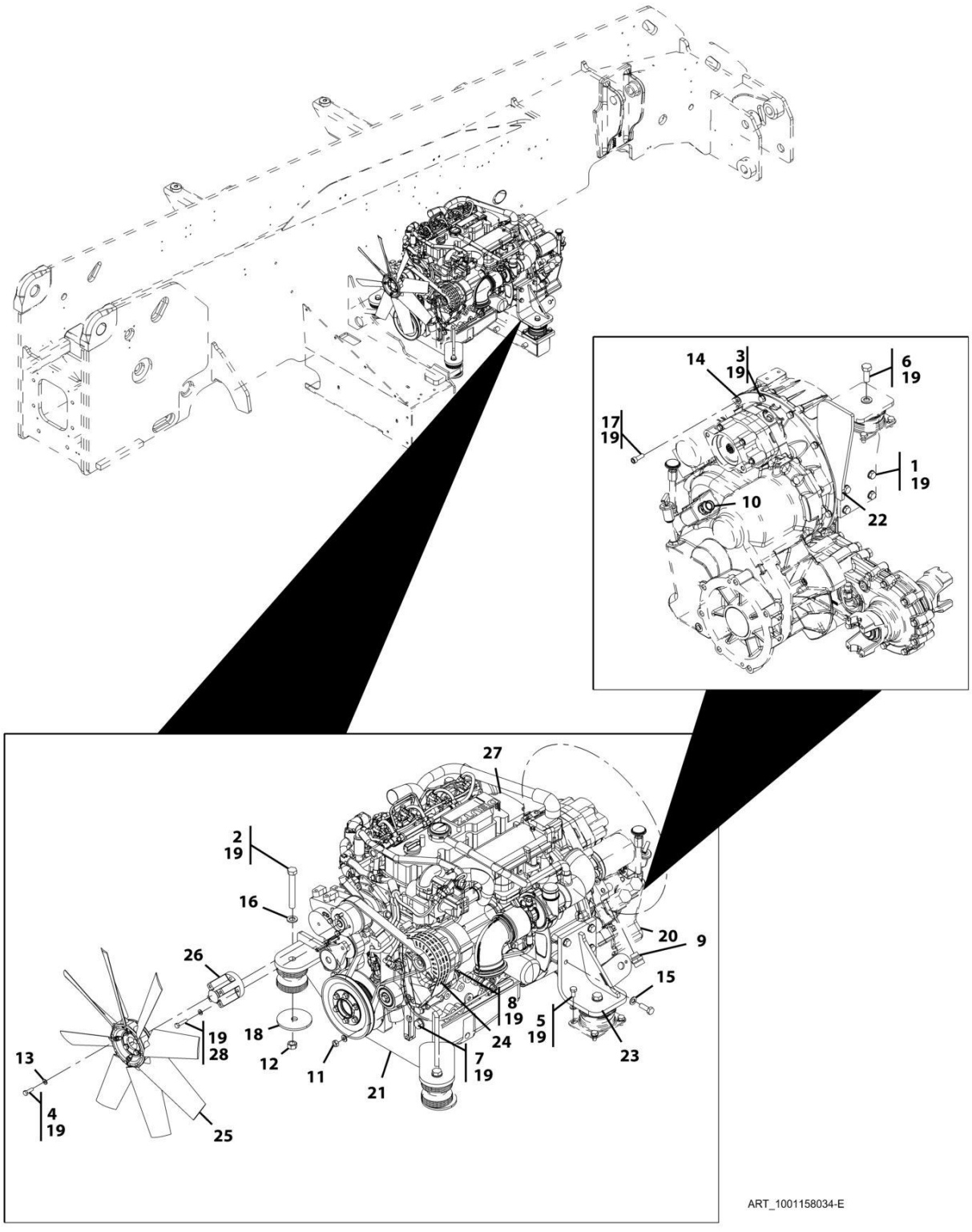
## FIGURE 4-2. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 74KW (SN 1160007354 through 1160008518)



## FIGURE 4-2. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 74KW (SN 1160007354 through 1160008518)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171220 | Ref | Engine and Transmission Installation (ULS) - 74KW | B |
| 1 | 0701215 | 8 | Bolt, M12X35 | |
| 2 | 0701629 | 2 | Bolt, M16X120 | |
| 3 | 0711014 | 9 | Bolt, M10X30, Grade 10.9 | |
| 4 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 0761010 | 8 | Bolt, M10X20 | |
| 6 | 0761616 | 2 | Bolt, M16X40 | |
| 7 | 0761619 | 4 | Bolt, M16X55 | |
| 8 | 0770815 | 4 | Bolt, M8X35, Grade 10.9 | |
| 9 | 2144810 | 1 | Connector | |
| 10 | 2144811 | 1 | Adapter, Straight | |
| 11 | 3291001 | 1 | Nut, M10X1.5 | |
| 12 | 3291601 | 2 | Nut, M16X2 | |
| 13 | 4811900 | 8 | Washer, M8 | |
| 14 | 4812000 | 19 | Washer, M10 | |
| 15 | 4812100 | 8 | Washer, M12 | |
| 16 | 4812300 | 10 | Washer, M16 | |
| 17 | 91513234 | 1 | Bolt, M10X30, Grade 10.9 | |
| 18 | 1001008506 | 2 | Washer | |
| 19 | 1001095650 | AR | Compound, Locking | |
| 20 | 1001141036 | 1 | Transmission (See DRIVETRAIN SECTION for Breakdown) | |
| 21 | 1001141093 | 1 | Bracket, Engine Mount | |
| 22 | 1001141097 | 1 | Bracket, Engine Mount | |
| 23 | 1001141100 | NLA | Bracket, Engine Mount (no longer available, use 1001242118 for replacement) | |
| 23 | 1001242118 | 1 | Bracket, Engine Mount | |
| 24 | 1001150630 | 1 | Shield, Alternator | |
| 25 | 1001150752 | 1 | Fan | |
| 26 | 1001152378 | 1 | Bolt, M10X110 | |
| 27 | 1001170311 | 1 | Adapter, Fan | |
| 28 | 1001171222 | 1 | Engine, Deutz TCD 3.6 L4 (FOR ENGINE PARTS INFORMATION REFER TO DEUTZ ENGINE PARTS MANUAL 31211006 AND 31211007) | E |

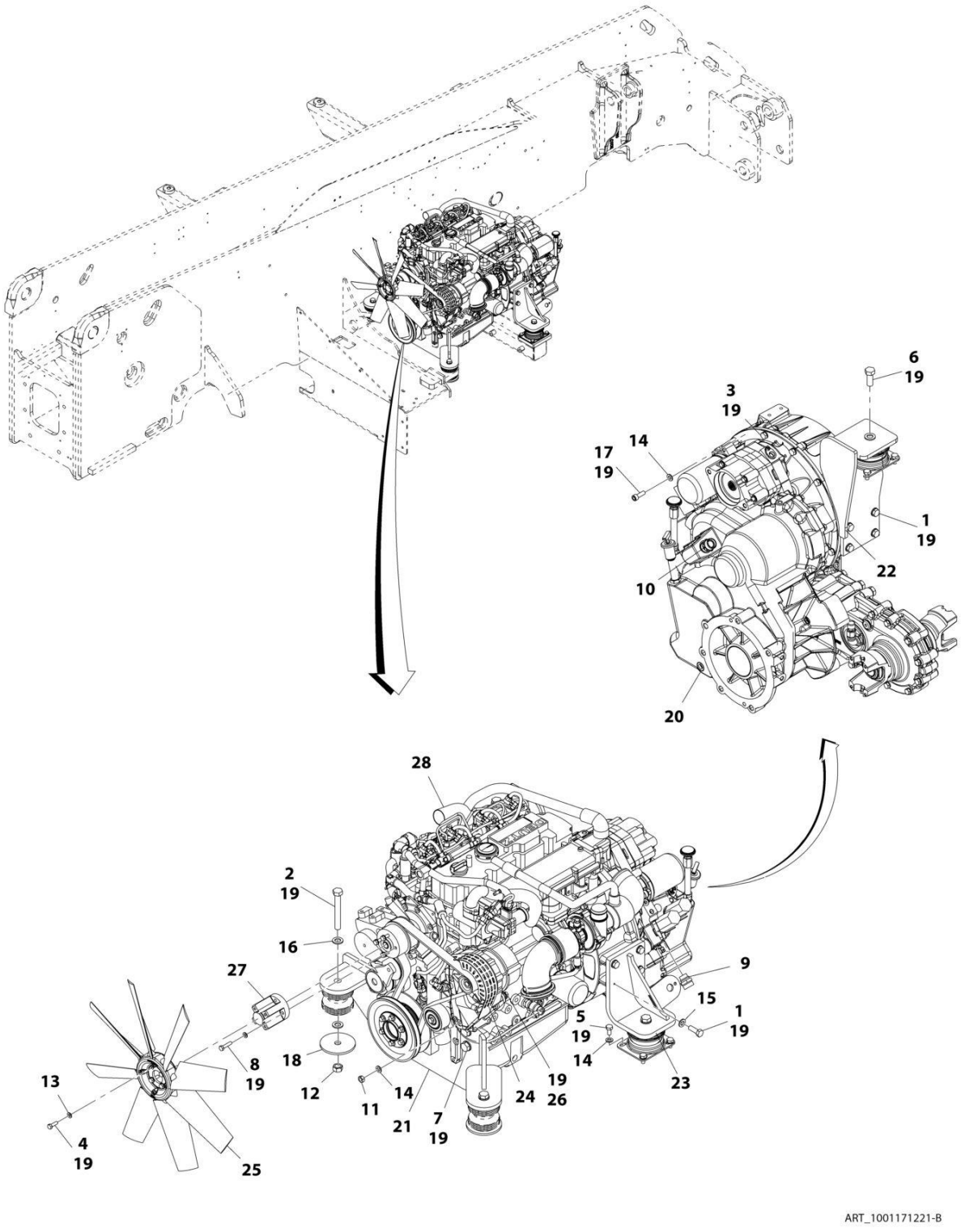
## FIGURE 4-3. ENGINE AND TRANSMISSION INSTALLATION (LS) - 74KW (SN 1160007024 through 1160007354)



## FIGURE 4-3. ENGINE AND TRANSMISSION INSTALLATION (LS) - 74KW (SN 1160007024 through 1160007354)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158034 | Ref | Engine and Transmission Installation (LS) - 74KW | E |
| 1 | 0701215 | 8 | Bolt, M12X35 | |
| 2 | 0701629 | 2 | Bolt, M16X120 | |
| 3 | 0711014 | 9 | Bolt, M10X30, Grade 10.9 | |
| 4 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 0761010 | 8 | Bolt, M10X20 | |
| 6 | 0761616 | 2 | Bolt, M16X40 | |
| 7 | 0761619 | 4 | Bolt, M16X55 | |
| 8 | 1001152378 | 1 | Bolt, M10X110 | |
| 9 | 2144810 | 1 | Connector | |
| 10 | 2144811 | 1 | Adapter, Straight | |
| 11 | 3291001 | 1 | Nut, M10X1.5 | |
| 12 | 3291601 | 2 | Nut, M16X2 | |
| 13 | 4811900 | 8 | Washer, M8 | |
| 14 | 4812000 | 19 | Washer, M10 | |
| 15 | 4812100 | 8 | Washer, M12 | |
| 16 | 4812300 | 10 | Washer, M16 | |
| 17 | 91513234 | 1 | Bolt, M10X30, Grade 10.9 | |
| 18 | 1001008506 | 2 | Washer | |
| 19 | 1001095650 | AR | Compound, Locking | |
| 20 | 1001141036 | 1 | Transmission (See DRIVETRAIN SECTION for Breakdown) | |
| 21 | 1001141093 | 1 | Bracket, Engine Mount | |
| 22 | 1001141097 | 1 | Bracket, Engine Mount | |
| 23 | 1001141100 | 1 | Bracket, Engine Mount | |
| 24 | 1001150630 | 1 | Shield, Alternator | |
| 25 | 1001150752 | 1 | Fan | |
| 26 | 1001170311 | 1 | Adapter, Fan | |
| 27 | 1001158033 | 1 | Engine, Deutz TCD 3.6 L4 (FOR ENGINE PARTS INFORMATION REFER TO DEUTZ ENGINE PARTS MANUAL 31211006) | |
| 28 | 0770815 | 4 | Bolt, M8X35, Grade 10.9 | |

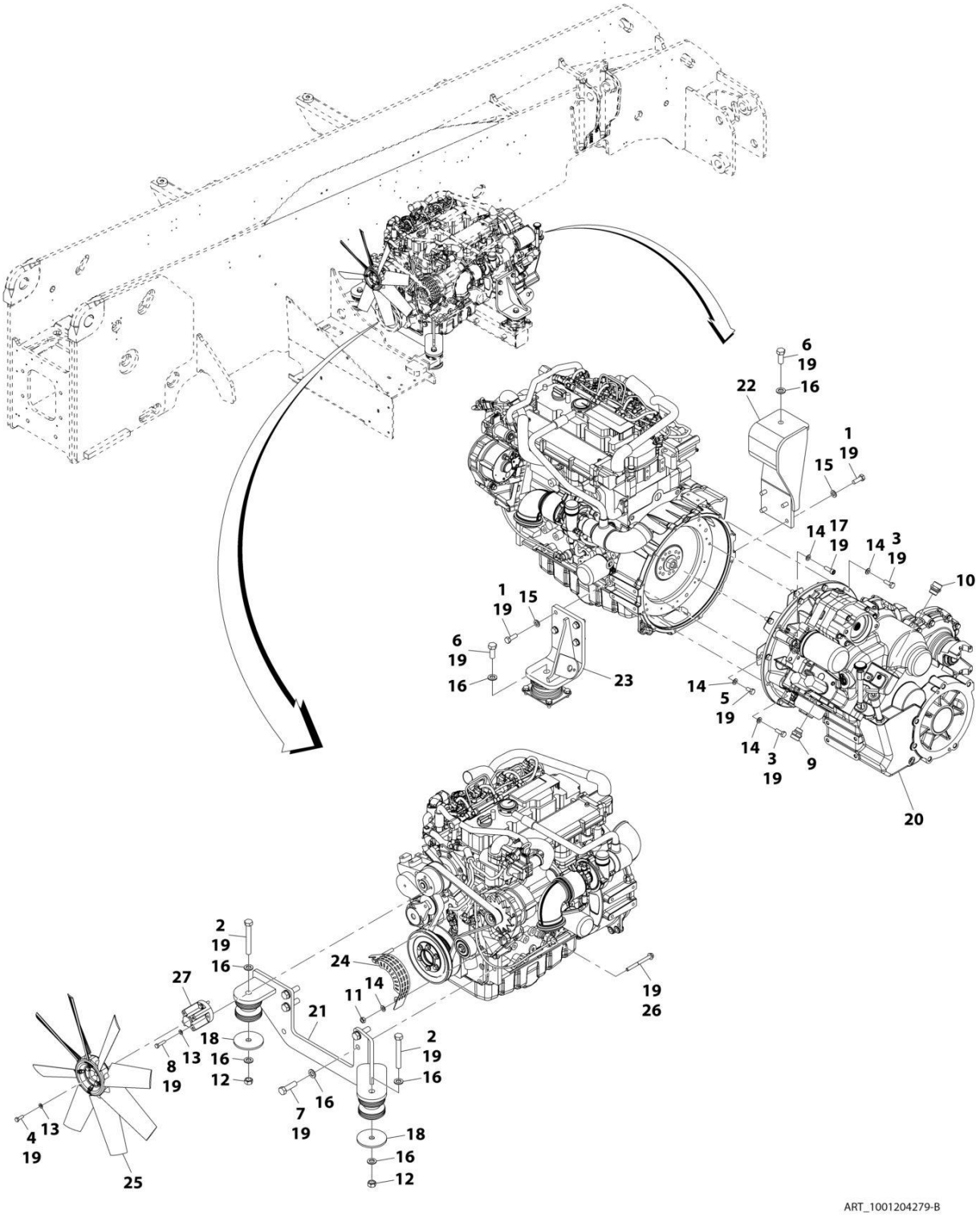
## FIGURE 4-4. ENGINE AND TRANSMISSION INSTALLATION (LS) - 74KW (SN 1160007354 through 1160008518)



## FIGURE 4-4. ENGINE AND TRANSMISSION INSTALLATION (LS) - 74KW (SN 1160007354 through 1160008518)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171221 | Ref | Engine and Transmission Installation (LS) - 74KW | B |
| 1 | 0701215 | 8 | Bolt, M12X35 | |
| 2 | 0701629 | 2 | Bolt, M16X120 | |
| 3 | 0711014 | 9 | Bolt, M10X30, Grade 10.9 | |
| 4 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 0761010 | 8 | Bolt, M10X20 | |
| 6 | 0761616 | 2 | Bolt, M16X40 | |
| 7 | 0761619 | 4 | Bolt, M16X55 | |
| 8 | 0770815 | 4 | Bolt, M8X35, Grade 10.9 | |
| 9 | 2144810 | 1 | Connector | |
| 10 | 2144811 | 1 | Adapter, Straight | |
| 11 | 3291001 | 1 | Nut, M10X1.5 | |
| 12 | 3291601 | 2 | Nut, M16X2 | |
| 13 | 4811900 | 8 | Washer, M8 | |
| 14 | 4812000 | 19 | Washer, M10 | |
| 15 | 4812100 | 8 | Washer, M12 | |
| 16 | 4812300 | 10 | Washer, M16 | |
| 17 | 91513234 | 1 | Bolt, M10X30, Grade 10.9 | |
| 18 | 1001008506 | 2 | Washer | |
| 19 | 1001095650 | AR | Compound, Locking | |
| 20 | 1001141036 | 1 | Transmission (See DRIVETRAIN SECTION for Breakdown) | |
| 21 | 1001141093 | 1 | Bracket, Engine Mount | |
| 22 | 1001141097 | 1 | Bracket, Engine Mount | |
| 23 | 1001141100 | NLA | Bracket, Engine Mount (no longer available, use 1001242118 for replacement) | |
| 23 | 1001242118 | 1 | Bracket, Engine Mount | |
| 24 | 1001150630 | 1 | Shield, Alternator | |
| 25 | 1001150752 | 1 | Fan | |
| 26 | 1001152378 | 1 | Bolt, M10X110 | |
| 27 | 1001170311 | 1 | Adapter, Fan | |
| 28 | 1001171223 | 1 | Engine, Deutz TCD 3.6 L4 (FOR ENGINE PARTS INFORMATION REFER TO DEUTZ ENGINE PARTS MANUAL 31211006 AND 31211007) | D |

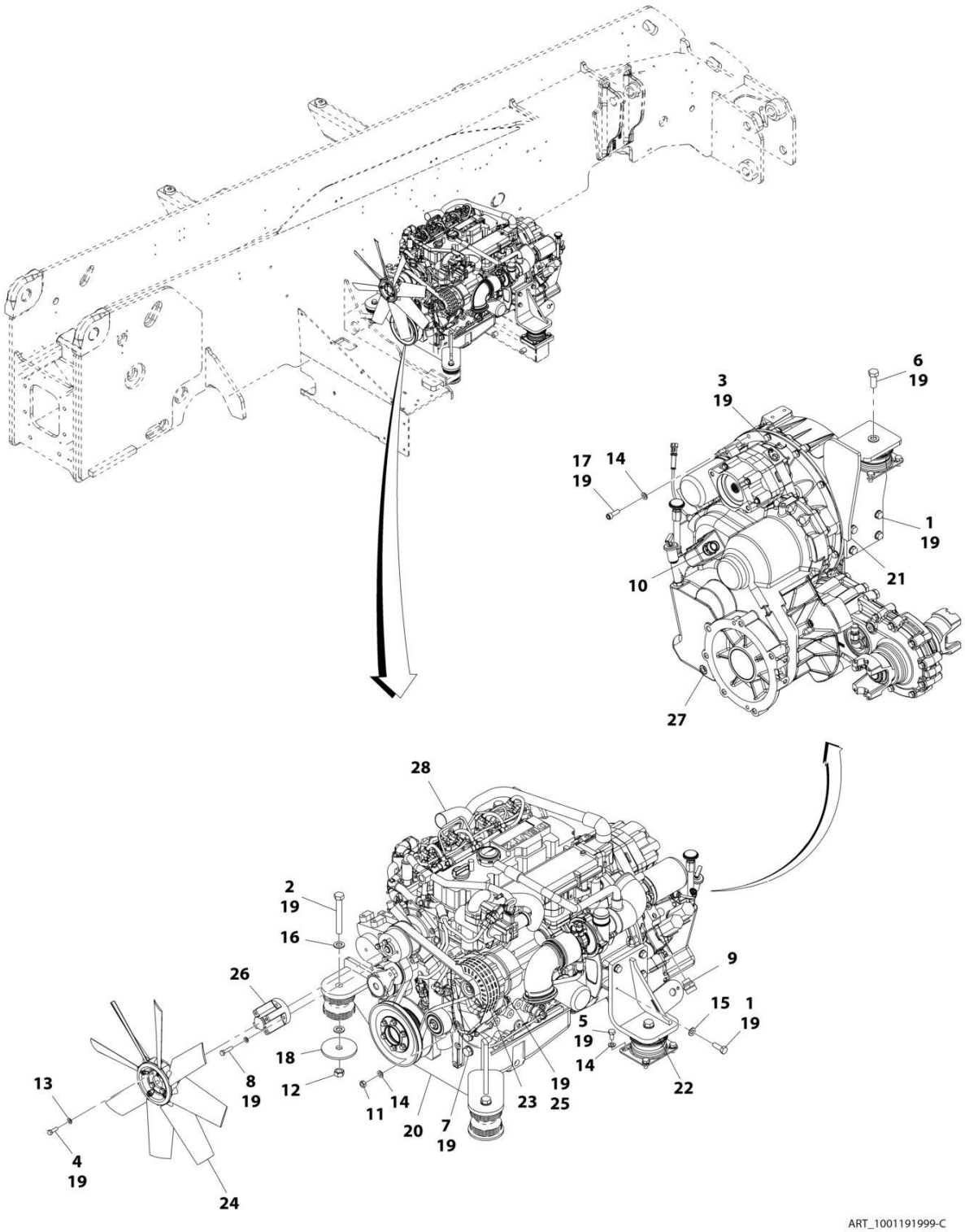
## FIGURE 4-5. TRANSMISSION INSTALLATION (ULS) - 74KW (SN 1160008519 through 1160008790)



## FIGURE 4-5. TRANSMISSION INSTALLATION (ULS) - 74KW (SN 1160008519 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001204279 | Ref | Engine and Transmission Installation (ULS) - 74KW | B |
| 1 | 0701215 | 8 | Bolt, M12X35 | |
| 2 | 0701629 | 2 | Bolt, M16X120 | |
| 3 | 0711014 | 9 | Bolt, M10X30 | |
| 4 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 0761010 | 8 | Bolt, M10X20 | |
| 6 | 0761616 | 2 | Bolt, M16X40 | |
| 7 | 0761619 | 4 | Bolt, M16X55 | |
| 8 | 0770815 | 4 | Bolt, M8X35 | |
| 9 | 2144810 | 1 | Connector, Male | |
| 10 | 2144811 | 1 | Adapter, Straight | |
| 11 | 3291001 | 1 | Nut, M10X1.5 | |
| 12 | 3291601 | 2 | Nut, M16X2 | |
| 13 | 4811900 | 8 | Washer, M8 | |
| 14 | 4812000 | 19 | Washer, M10 | |
| 15 | 4812100 | 8 | Washer, M12 | |
| 16 | 4812300 | 10 | Washer, M16 | |
| 17 | 91513234 | 1 | Bolt, M10X30, Grade 10.9 | |
| 18 | 1001008506 | 2 | Washer | |
| 19 | 1001095650 | AR | Compound, Locking | |
| 20 | 1001141036 | 1 | Transmission (See Separate Breakdown in DRIVETRAIN Section) | |
| 21 | 1001141093 | 1 | Bracket, Engine Mount | |
| 22 | 1001141097 | 1 | Bracket, Engine Mount | |
| 23 | 1001141100 | NLA | Bracket, Engine Mount (no longer available, use 1001242118 for replacement) | |
| 23 | 1001242118 | 1 | Bracket, Engine Mount | |
| 24 | 1001150630 | 1 | Shield, Alternator | |
| 25 | 1001150752 | 1 | Fan | |
| 26 | 1001152378 | 1 | Bolt, M10X110 | |
| 27 | 1001170311 | 1 | Adapter, Fan | |

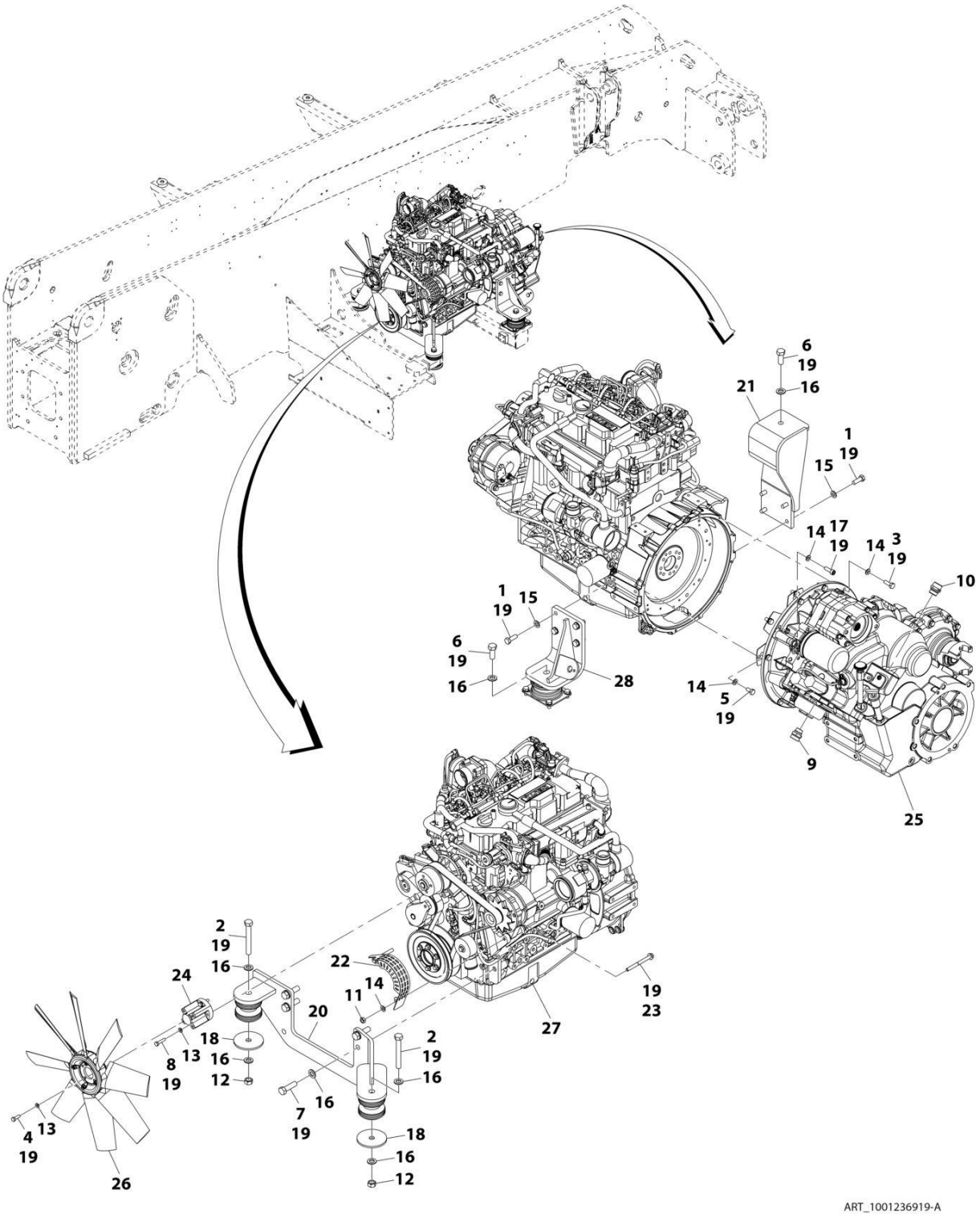
**FIGURE 4-6. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 4-6. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191999 | Ref | Engine and Transmission Installation (ULS) - 55KW | C |
| 1 | 0701215 | 8 | Bolt, M12X35 | |
| 2 | 0701629 | 2 | Bolt, M16X120 | |
| 3 | 0711014 | 9 | Bolt, M10X30 | |
| 4 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 0761010 | 8 | Bolt, M10X20 | |
| 6 | 0761616 | 2 | Bolt, M16X40 | |
| 7 | 0761619 | 4 | Bolt, M16X55 | |
| 8 | 0770815 | 4 | Bolt, M8X35 | |
| 9 | 2144810 | 1 | Connector, Male | |
| 10 | 2144811 | 1 | Adapter, Straight | |
| 11 | 3291001 | 1 | Nut, M10X1.5 | |
| 12 | 3291601 | 2 | Nut, M16X2 | |
| 13 | 4811900 | 8 | Washer, M8 | |
| 14 | 4812000 | 19 | Washer, M10 | |
| 15 | 4812100 | 8 | Washer, M12 | |
| 16 | 4812300 | 10 | Washer, M16 | |
| 17 | 91513234 | 1 | Bolt, M10X30, Grade 10.9 | |
| 18 | 1001008506 | 2 | Washer | |
| 19 | 1001095650 | AR | Compound, Locking | |
| 20 | 1001141093 | 1 | Bracket, Engine Mount | |
| 21 | 1001141097 | 1 | Bracket, Engine Mount | |
| 22 | 1001141100 | NLA | Bracket, Engine Mount (no longer available, use 1001242118 for replacement) | |
| 22 | 1001242118 | 1 | Bracket, Engine Mount | |
| 23 | 1001150630 | 1 | Shield, Alternator | |
| 24 | 1001150572 | 1 | Fan **(SN 1160007024 through 1160008120, Excluding 1160007977, 1160008000 and 1160008003)** | |
| 24 | 1001204872 | 1 | Fan **(SN 1160008120 through 1160008790, Including 1160007977, 1160008000 and 1160008003)** | |
| 25 | 1001152378 | 1 | Bolt, M10X110 | |
| 26 | 1001170311 | 1 | Adapter, Fan | |
| 27 | 1001192001 | 1 | Assembly, Transmission DANA (See DRIVETRAIN SECTION for Breakdown) | |
| 28 | 1001192003 | 1 | Engine, DEUTZ 55.4KW TCD3.6L4 (FOR ENGINE PARTS INFORMATION REFER TO DEUTZ ENGINE PARTS MANUAL 31211006) | D |

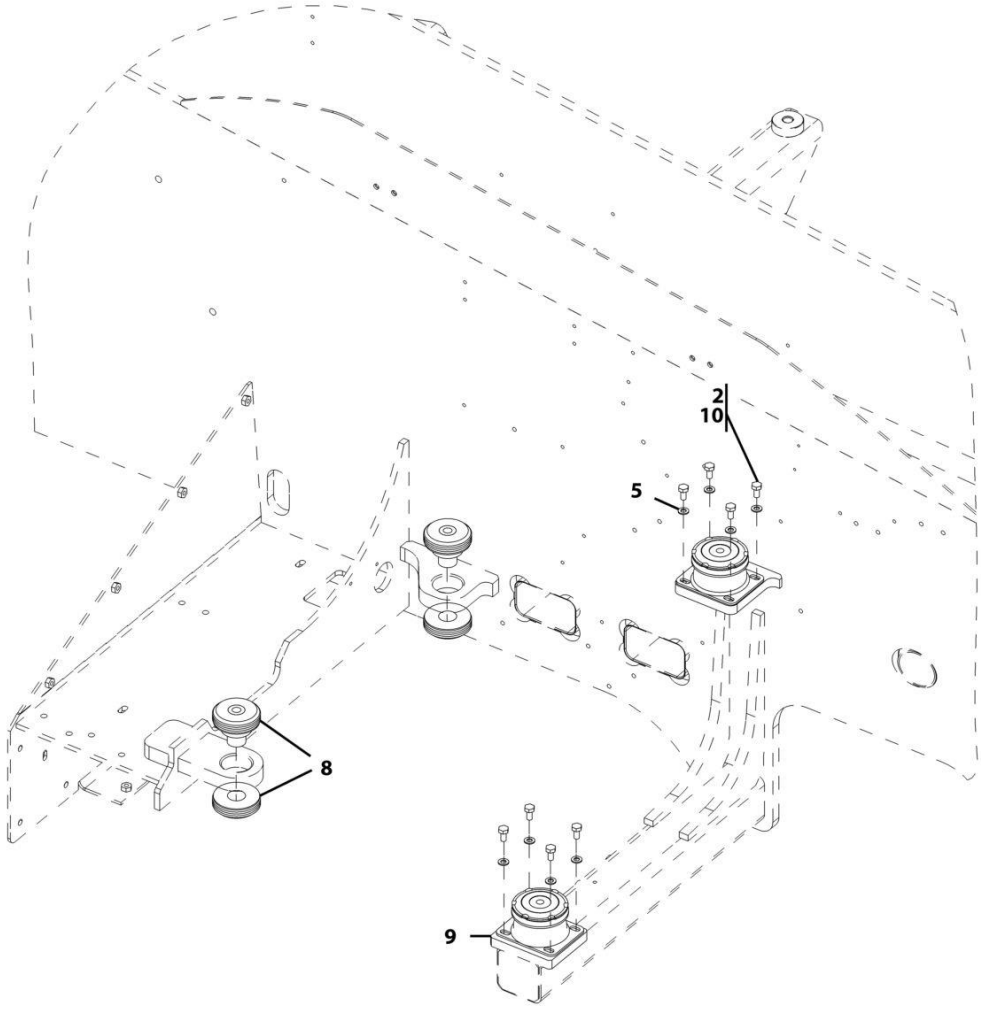
## FIGURE 4-7. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 4-7. ENGINE AND TRANSMISSION INSTALLATION (ULS) - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236919 | Ref | Engine and Transmission Installation - 55KW | A |
| 1 | 0701215 | 8 | Bolt, M12X35 | |
| 2 | 0701629 | 2 | Bolt, M16X120 | |
| 3 | 0711014 | 9 | Bolt, M10X30 | |
| 4 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 0761010 | 8 | Bolt, M10X20 | |
| 6 | 0761616 | 2 | Bolt, M16X40 | |
| 7 | 0761619 | 4 | Bolt, M16X55 | |
| 8 | 0770815 | 4 | Bolt, M8X35 | |
| 9 | 2144810 | 1 | Connector, Male | |
| 10 | 2144811 | 1 | Adapter, Straight | |
| 11 | 3291001 | 1 | Nut, M10X1.5 | |
| 12 | 3291601 | 2 | Nut, M16X2 | |
| 13 | 4811900 | 8 | Washer, M8 | |
| 14 | 4812000 | 19 | Washer, M10 | |
| 15 | 4812100 | 8 | Washer, M12 | |
| 16 | 4812300 | 10 | Washer, M16 | |
| 17 | 91513234 | 1 | Bolt, M10X30, Grade 10.9 | |
| 18 | 1001008506 | 2 | Washer | |
| 19 | 1001095650 | AR | Compound, Locking | |
| 20 | 1001141093 | 1 | Bracket, Engine Mount | |
| 21 | 1001141097 | 1 | Bracket, Engine Mount | |
| 22 | 1001150630 | 1 | Shield, Alternator | |
| 23 | 1001152378 | 1 | Bolt, M10X110 | |
| 24 | 1001170311 | 1 | Adapter, Fan | |
| 25 | 1001192001 | 1 | Assembly, Transmission DANA (See Separate Breakdown in DRIVETRAIN Section)) | |
| 26 | 1001204872 | 1 | Fan | |
| 27 | 1001236164 | 1 | Engine, Deutz 55.4KW TCD3.6 (See Separate Breakdown in this Section) | |
| 28 | 1001242118 | 1 | Bracket | |

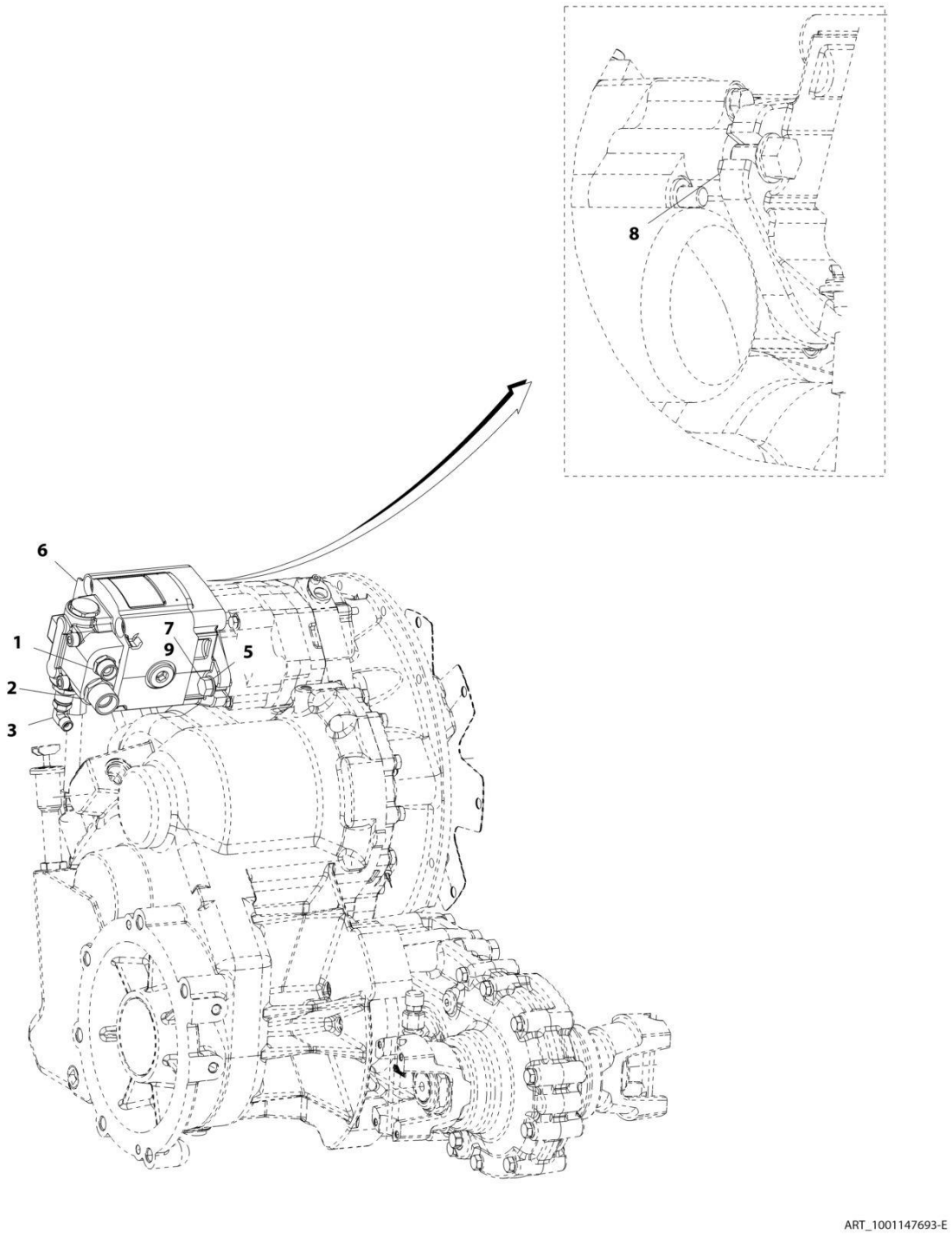
## FIGURE 4-8. ENGINE MOUNTING INSTALLATION



## FIGURE 4-8. ENGINE MOUNTING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141152 | 1 | Engine Mounting Installation | C |
| 2 | 0761010 | 8 | Bolt, M10X20 | |
| 5 | 4812000 | 8 | Washer, M10 | |
| 8 | 1001120523 | 2 | Mount, Engine | |
| 9 | 1001134127 | 2 | Mount, Engine | |
| 10 | 1001095650 | AR | Compound, Locking | |

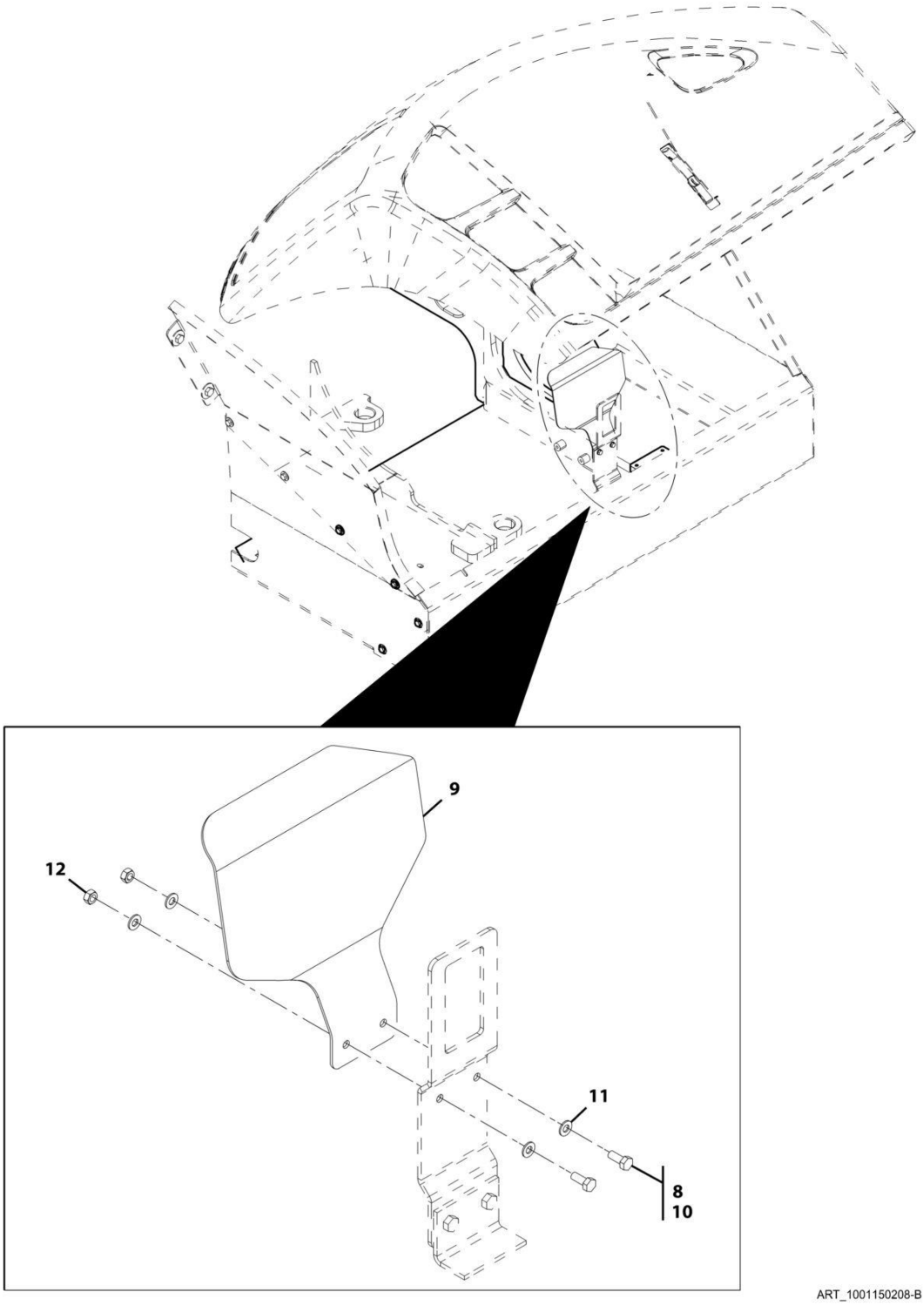
## FIGURE 4-9. HYDRAULIC PUMP INSTALLATION



## FIGURE 4-9. HYDRAULIC PUMP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147693 | 1 | Hydraulic Pump Installation | E |
| 1 | 2142714 | 1 | Connector | |
| 2 | 2142735 | 1 | Connector | |
| 3 | 2143004 | 1 | Fitting, 90 ORFS | |
| 5 | 4740532 | 2 | Washer | |
| 6 | 1001142980 | 1 | Pump, Gear (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 7 | 0681812 | 2 | Bolt, 1/2-13X1-1/2 | |
| 8 | 8526056 | AR | Compound, Locking | |
| 9 | 0100019 | AR | Compound, Locking | |

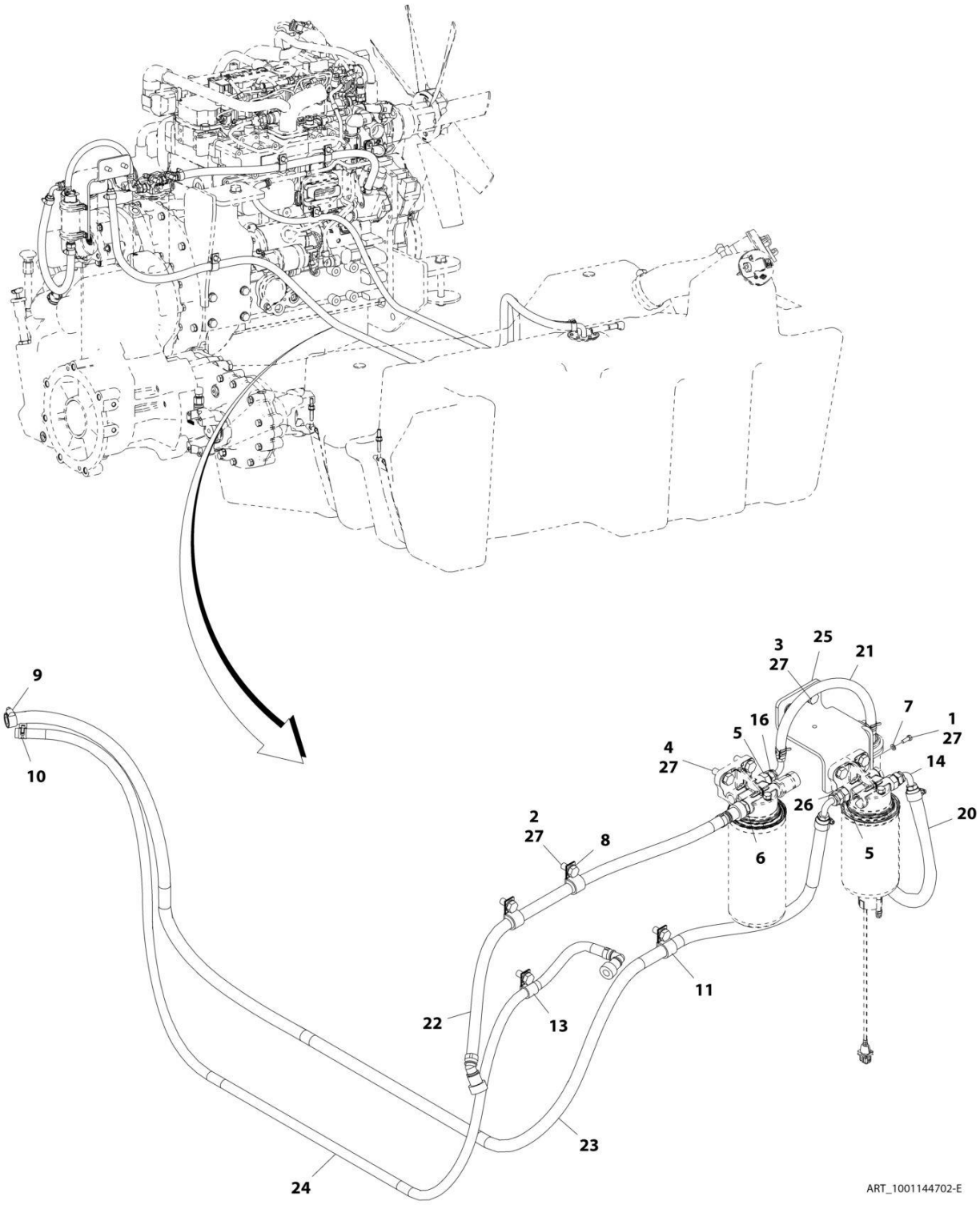
## FIGURE 4-10. TURBO SHIELD INSTALLATION



## FIGURE 4-10. TURBO SHIELD INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150208 | 1 | Turbo Shield Installation | B |
| 8 | 1001095650 | AR | Compound, Locking | |
| 9 | 1001152589 | 1 | Shield, Turbo | |
| 10 | 0760810 | 2 | Bolt, M8X20 | |
| 11 | 4811900 | 4 | Washer, M8 | |
| 12 | 3290801 | 2 | Nut, M8X1.25 | |

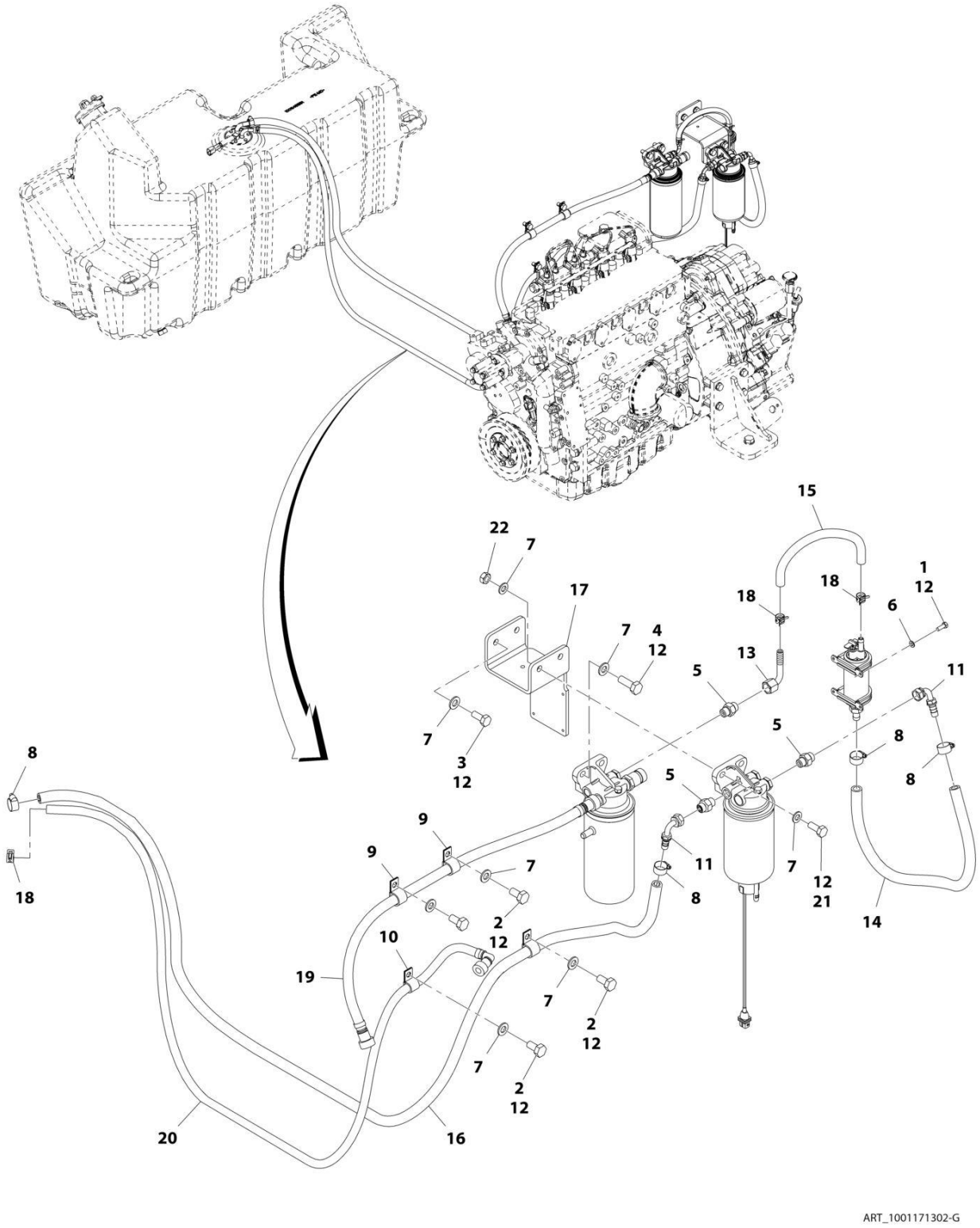
**FIGURE 4-11. FUEL LINES INSTALLATION (SN 1160007024 through 1160007354)**



## FIGURE 4-11. FUEL LINES INSTALLATION (SN 1160007024 through 1160007354)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144702 | Ref | Fuel Lines Installation | E |
| 1 | 0700507 | 4 | Bolt, M5X14 | |
| 2 | 0761010 | 4 | Bolt, M10X20 | |
| 3 | 0761012 | 2 | Bolt, M10X25 | |
| 4 | 0761014 | 4 | Bolt, M10X30 | |
| 5 | 2144606 | 3 | Fitting, Straight ORFS | |
| 6 | 2144610 | 1 | Fitting, Straight ORFS | |
| 7 | 4811600 | 4 | Washer, M5 | |
| 8 | 4812000 | 10 | Washer, M10 | |
| 9 | 8405006 | 6 | Gear Clamp | |
| 10 | 1001152729 | 4 | Clamp, Spring Band | |
| 11 | 1001004144 | 3 | Clip | |
| 13 | 1001009207 | 1 | Clip | |
| 14 | 1001095301 | 2 | Fitting, 90 ORFS | |
| 16 | 1001133793 | 1 | Fitting, 90 ORFS | |
| 20 | 1001145166 | 1 | Hose | |
| 21 | 1001145167 | 1 | Hose | |
| 22 | 1001145168 | 1 | Hose | |
| 23 | 1001145169 | 1 | Hose | |
| 24 | 1001145170 | 1 | Hose | |
| 25 | 1001145529 | 1 | Bracket, Fuel Filter | |
| 26 | 1001145681 | 1 | Fitting, Straight ORFS | |
| 27 | 1001095650 | AR | Compound, Locking | |

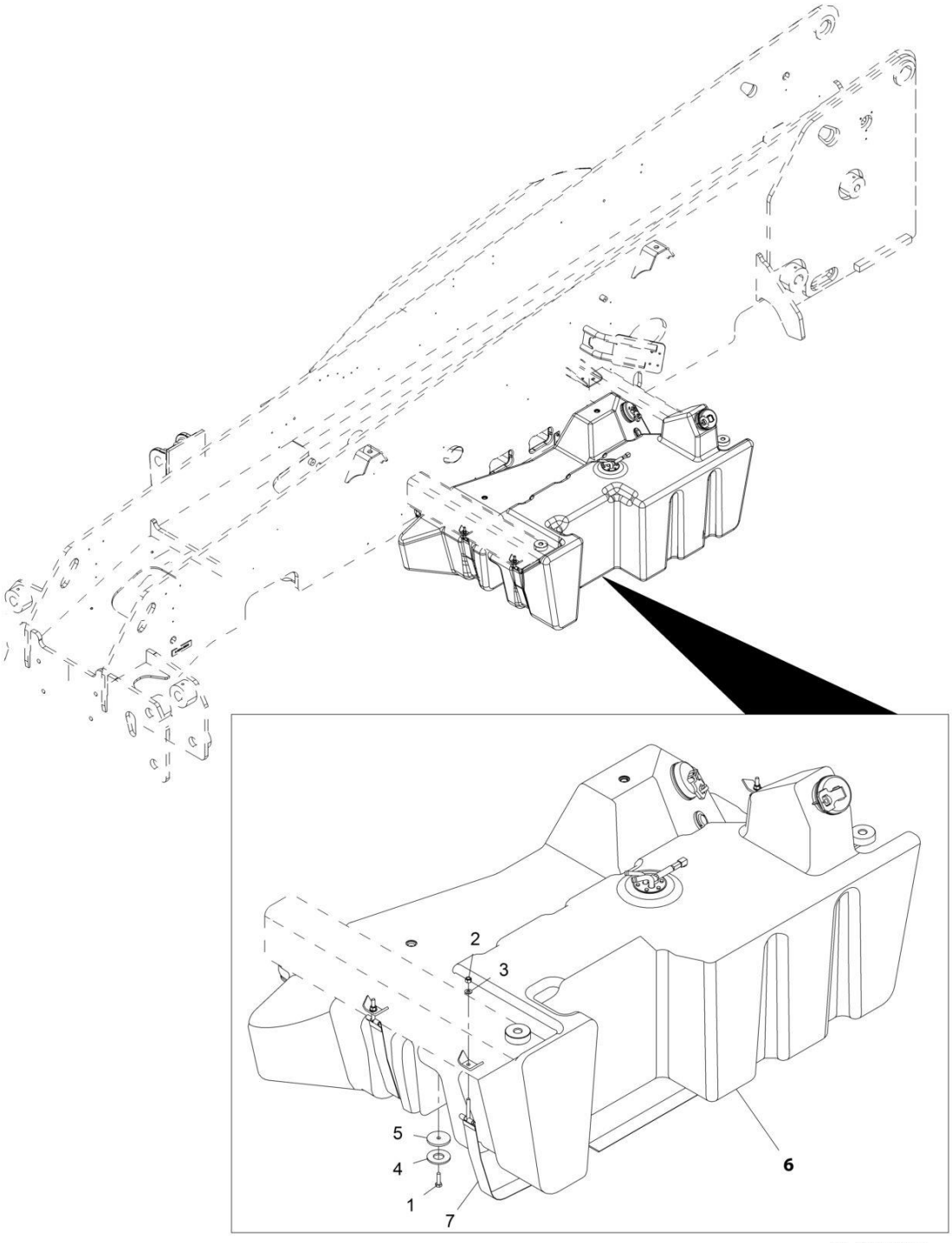
## FIGURE 4-12. FUEL LINES INSTALLATION (SN 1160007354 through 1160008790)



## FIGURE 4-12. FUEL LINES INSTALLATION (SN 1160007354 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171302 | Ref | Fuel Lines Installation | G |
| 1 | 0700507 | 4 | Bolt, M5X14 | |
| 2 | 0761010 | 4 | Bolt, M10X20 | |
| 3 | 0761012 | 2 | Bolt, M10X25 | |
| 4 | 0761014 | 2 | Bolt, M10X30 | |
| 5 | 2144606 | 3 | Fitting, Straight ORFS | |
| 6 | 4811600 | 4 | Washer, M5 | |
| 7 | 4812000 | 12 | Washer, M10 | |
| 8 | 8405006 | 4 | Gear Clamp | |
| 9 | 1001004144 | 3 | Clip | |
| 10 | 1001009207 | 1 | Clip | |
| 11 | 1001095301 | 2 | Fitting, 90 ORFS | |
| 12 | 1001095650 | AR | Compound, Locking | |
| 13 | 1001002852 | 1 | Fitting, 90 ORFS | |
| 14 | 1001145166 | 1 | Hose | |
| 15 | 1001177862 | 1 | Hose | |
| 16 | 1001145169 | 1 | Hose | |
| 17 | 1001241861 | 1 | Bracket, Fuel Filter | |
| 18 | 1001195443 | 1 | Clamp | |
| 19 | 1001171109 | 1 | Hose | |
| 20 | 1001171110 | 1 | Hose | |
| 21 | 0761015 | 2 | Bolt, M10X35 | |
| 22 | 3291001 | 2 | Nut, M10X1.5 | |

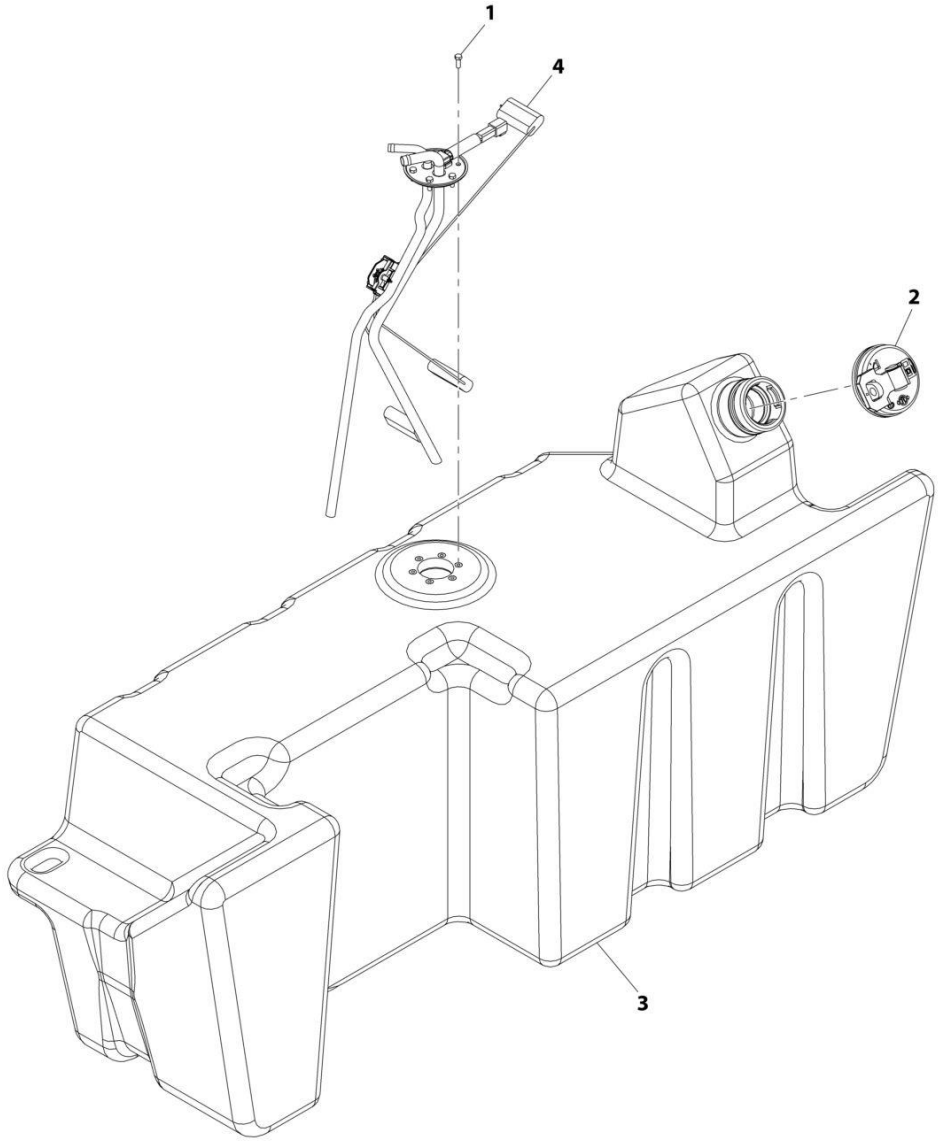
## FIGURE 4-13. FUEL TANK INSTALLATION



## FIGURE 4-13. FUEL TANK INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145061 | Ref | Fuel Tank Installation | G |
| 1 | 0760814 | 2 | Bolt, M8X30 | |
| 2 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 3 | 4811900 | 2 | Washer, M8 | |
| 4 | 1001006259 | 2 | Washer | |
| 5 | 1001166897 | 2 | Washer | |
| 6 | 1001145549 | 1 | Tank, Fuel (See FUEL TANK for Breakdown) | |
| 7 | 1001147729 | 1 | Strap, Tank | |

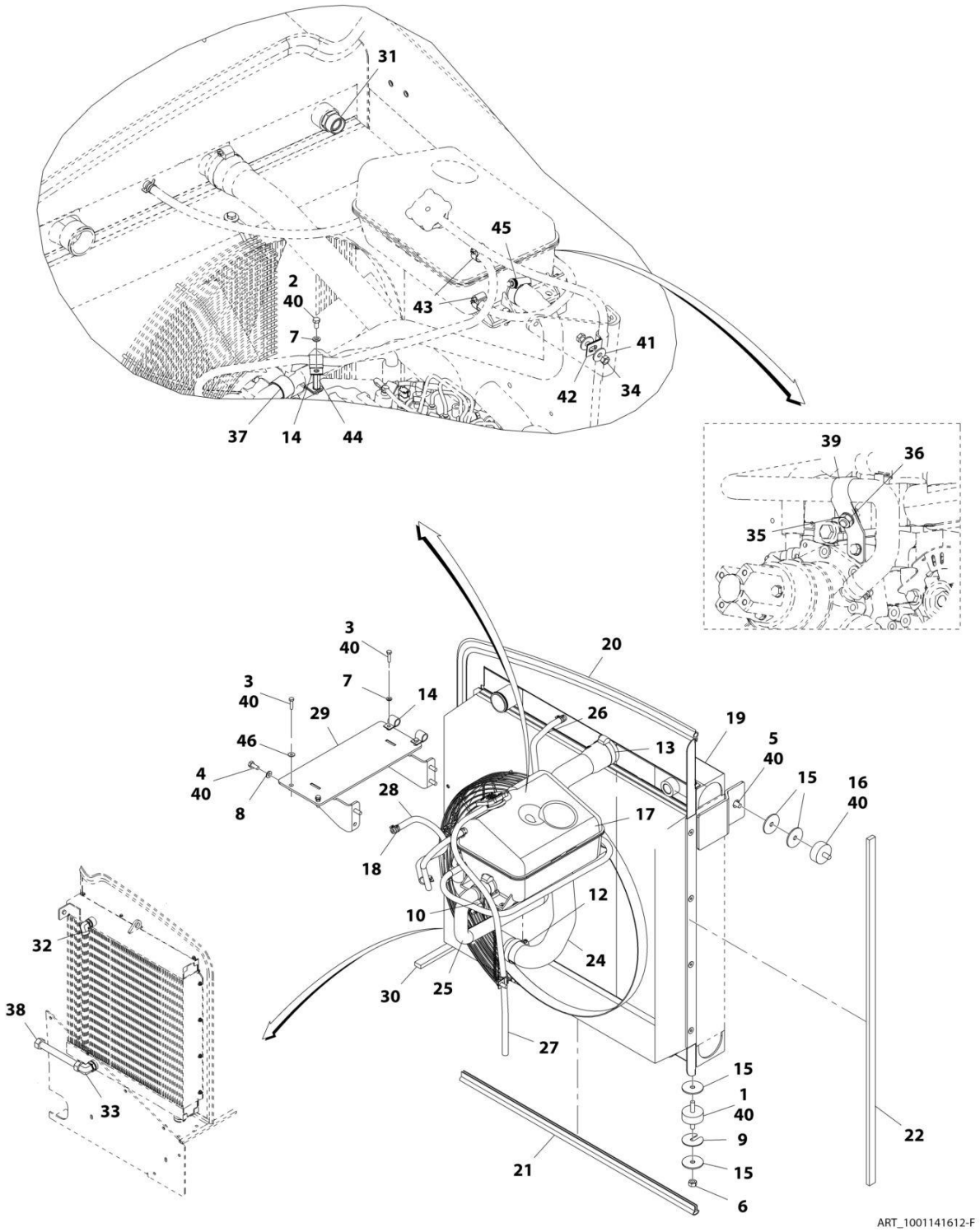
## FIGURE 4-14. FUEL TANK



## FIGURE 4-14. FUEL TANK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145549 | Ref | Fuel Tank | H |
| 1 | 0760507 | 6 | Bolt, M5X14 | |
| 2 | 1001142658 | 1 | Cap, Fuel | |
| 3 | 1001145551 | NLA | Tank, Fuel (no longer available, use 1001213084 for replacement) | |
| 3 | 1001213084 | 1 | Tank, Fuel | |
| 4 | 1001147737 | 1 | Gauge, Fuel Level | |

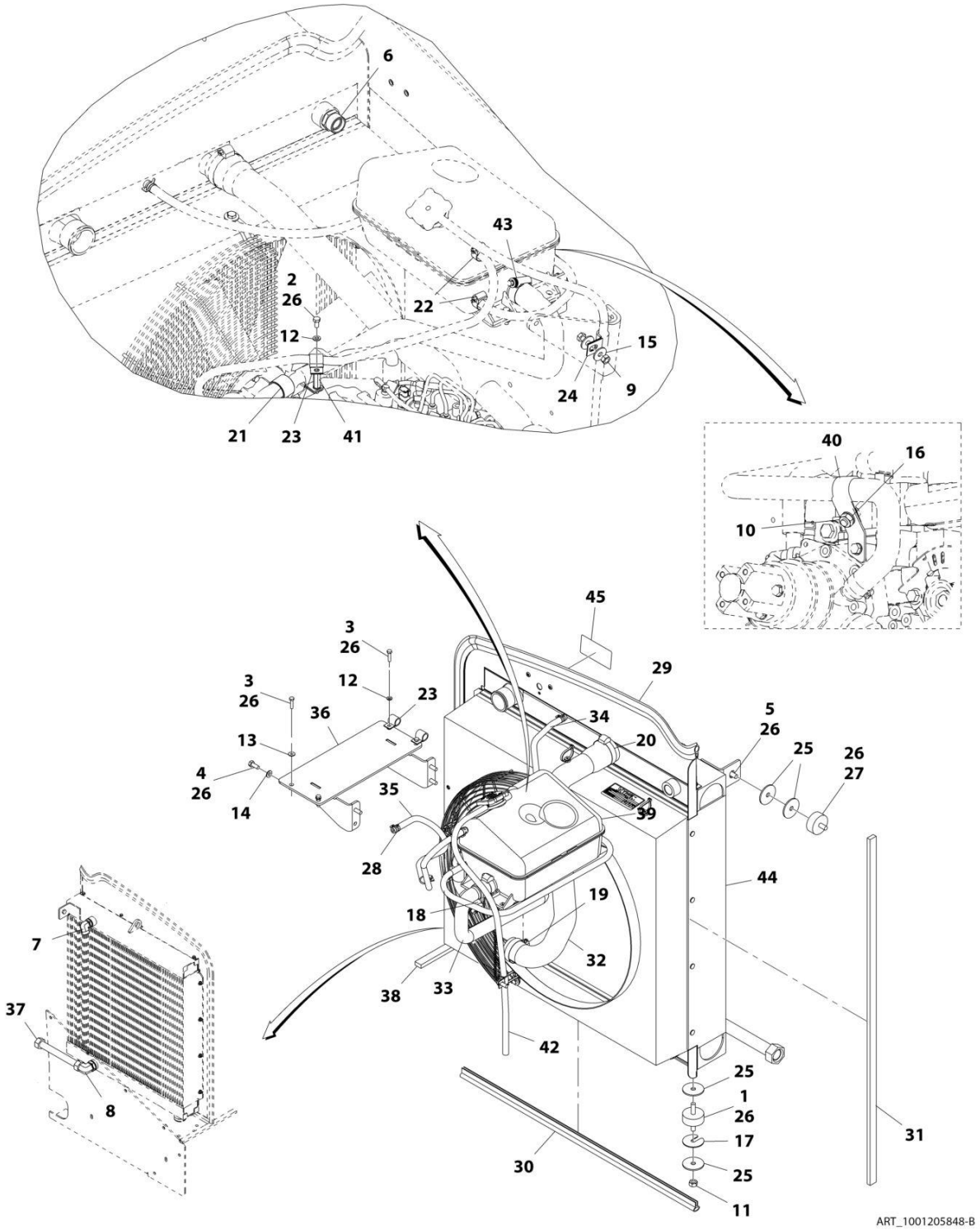
## FIGURE 4-15. COOLING SYSTEM INSTALLATION - 74KW



## FIGURE 4-15. COOLING SYSTEM INSTALLATION - 74KW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141612 | Ref | Cooling System Installation - 74KW | F |
| 1 | 429063 | 2 | Pad, Rubber Buffer | |
| 2 | 0760606 | 1 | Bolt, M6X12 | |
| 3 | 0760612 | 4 | Bolt, M6X25 | |
| 4 | 0760810 | 6 | Bolt, M8X20 | |
| 5 | 0761011 | 2 | Bolt, M10X22 | |
| 6 | 3291007 | 2 | Nut, Lock M10X1.5 | |
| 7 | 4811700 | 4 | Washer, M6 | |
| 8 | 4811900 | 5 | Washer, M8 | |
| 9 | 8005743 | 2 | Washer, Spacer, 10 | |
| 10 | 8405007 | 1 | Gear Clamp, 1.25 | |
| 12 | 8405104 | 1 | Gear Clamp, 2.25 | |
| 13 | 8405201 | 1 | Gear Clamp, 2.5 | |
| 14 | 1001003048 | 3 | Clip | |
| 15 | 1001091685 | 7 | Washer, Special | |
| 16 | 1001113669 | 1 | Pad, Rubber Buffer | |
| 17 | 1001149375 | 1 | Tank, Expansion (See EXPANSION TANK for Breakdown) | |
| 18 | 1001140296 | 2 | Clamp, Spring Band | |
| 19 | 1001141611 | 1 | Assembly, Radiator (See RADIATOR ASSEMBLY - 74KW for Breakdown) | |
| 20 | 1001141615 | 1 | Seal, Edge Trim | |
| 21 | 1001141616 | 1 | Seal, Edge Trim | |
| 22 | 1001141617 | 1 | Seal, Baffle | |
| 24 | 1001142084 | 1 | Hose | |
| 25 | 1001142085 | 1 | Hose | |
| 26 | 1001142183 | 1 | Hose | |
| 27 | 1001178604 | 1 | Hose | |
| 28 | 1001142185 | 1 | Hose | |
| 29 | 1001142833 | 1 | Plate, Expansion Tank Support | |
| 30 | 1001147497 | 1 | Seal, Cooling Pack | |
| 31 | 2142718 | 2 | Connector | |
| 32 | 2143009 | 1 | Elbow | |
| 33 | 2143010 | 1 | Elbow | |
| 34 | 3290801 | 1 | Nut, M8X1.25 | |
| 35 | 3291001 | 1 | Nut, M10X1.5 | |
| 36 | 4812000 | 2 | Washer, M10 | |
| 37 | 8406302 | 1 | Clamp, Hose | |
| 38 | 1001146256 | 1 | Tube, Oil Cooling | |
| 39 | 1001154043 | 1 | Bracket, Retaining | |
| 40 | 1001095650 | AR | Compound, Locking | |
| 41 | 4811902 | 2 | Washer, M8 | |
| 42 | 1001008721 | 1 | Clip | |
| 43 | 8410013 | 2 | Gear Clamp, 0.78 | |
| 44 | 1001172192 | 1 | Stud | |
| 45 | 1001200709 | 1 | Clamp | |
| 46 | 4811702 | 1 | Washer, M8 | |

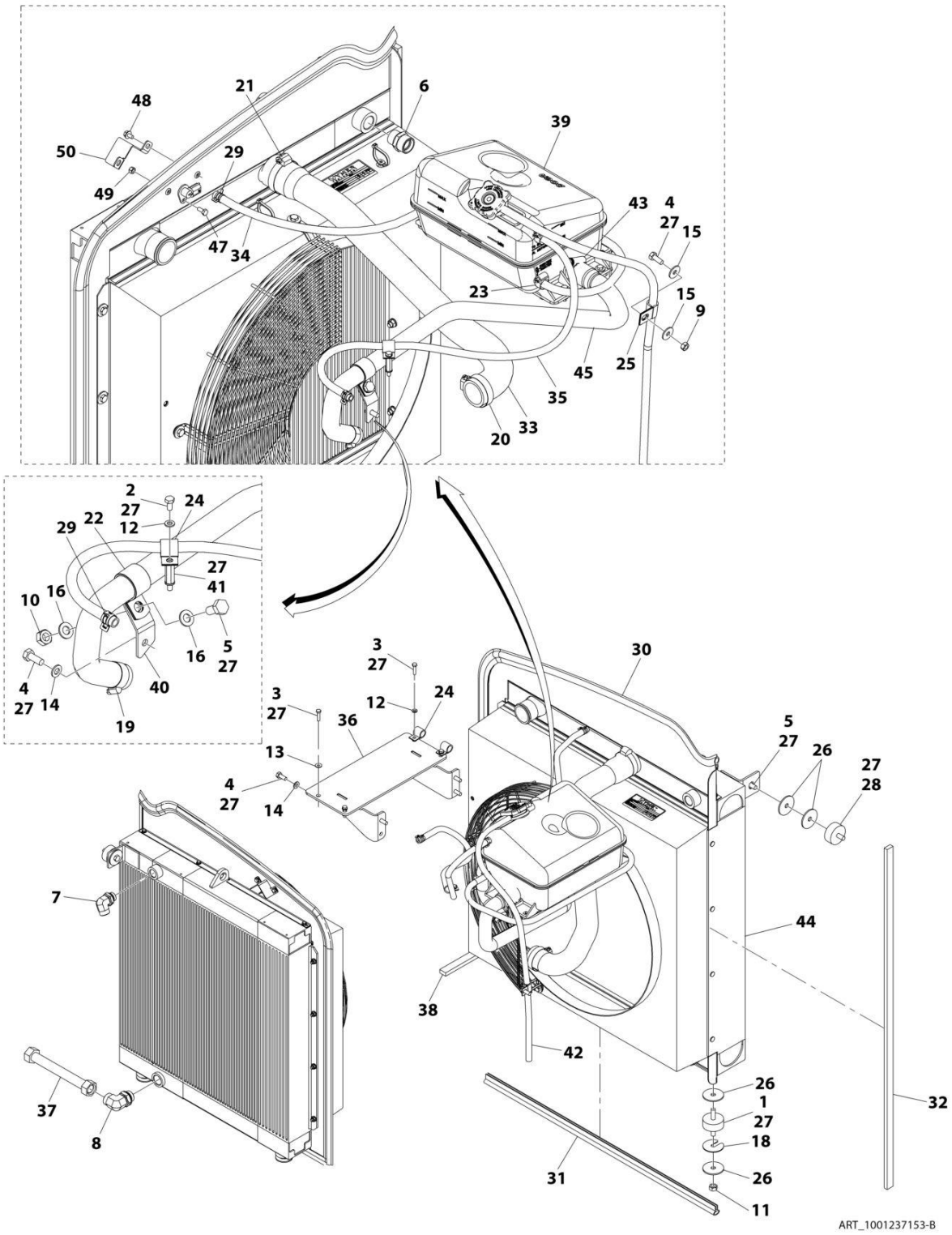
**FIGURE 4-16. COOLING SYSTEM INSTALLATION - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 4-16. COOLING SYSTEM INSTALLATION - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001205848 | Ref | Cooling System Installation - 55KW | A |
| 1 | 429063 | 2 | Pad, Rubber Buffer | |
| 2 | 0760606 | 1 | Bolt, M6X12 | |
| 3 | 0760612 | 4 | Bolt, M6X25 | |
| 4 | 0760810 | 6 | Bolt, M8X20 | |
| 5 | 0761011 | 2 | Bolt, M10X22 | |
| 6 | 2142718 | 2 | Connector | |
| 7 | 2143009 | 1 | Elbow | |
| 8 | 2143010 | 1 | Elbow | |
| 9 | 3290801 | 1 | Nut, M8X1.25 | |
| 10 | 3291001 | 1 | Nut, M10X1.5 | |
| 11 | 3291007 | 2 | Nut, Lock M10X1.5 | |
| 12 | 4811700 | 4 | Washer, M6 | |
| 13 | 4811702 | 2 | Washer, M6 | |
| 14 | 4811900 | 5 | Washer, M8 | |
| 15 | 4811902 | 2 | Washer, M8 | |
| 16 | 4812000 | 1 | Washer, M10 | |
| 17 | 8005743 | 2 | Washer, Spacer, 10 | |
| 18 | 8405007 | 1 | Gear Clamp, 1.25 | |
| 19 | 8405104 | 1 | Gear Clamp, 2.25 | |
| 20 | 8405201 | 1 | Gear Clamp, 2.5 | |
| 21 | 8406302 | 1 | Clamp, Hose | |
| 22 | 8410013 | 2 | Gear Clamp, 0.78 | |
| 23 | 1001003048 | 3 | Clip | |
| 24 | 1001008721 | 1 | Clip | |
| 25 | 1001091685 | 7 | Washer, Special | |
| 26 | 1001095650 | AR | Compound, Locking | |
| 27 | 1001113669 | 1 | Pad, Rubber Buffer | |
| 28 | 1001140296 | 2 | Clamp, Spring Band | |
| 29 | 1001141615 | 1 | Seal, Edge Trim | |
| 30 | 1001141616 | 1 | Seal, Edge Trim | |
| 31 | 1001141617 | 1 | Seal, Baffle | |
| 32 | 1001142084 | 1 | Hose | |
| 33 | 1001142085 | 1 | Hose | |
| 34 | 1001142183 | 1 | Hose | |
| 35 | 1001142185 | 1 | Hose | |
| 36 | 1001142833 | 1 | Plate, Expansion Tank Support | |
| 37 | 1001146256 | 1 | Tube, Oil Cooling | |
| 38 | 1001147497 | 1 | Seal, Cooling Pack | |
| 39 | 1001149375 | 1 | Tank, Expansion (See EXPANSION TANK for Breakdown) | |
| 40 | 1001154043 | 1 | Bracket, Retaining | |
| 41 | 1001172192 | 1 | Stud | |
| 42 | 1001178604 | 1 | Hose | |
| 43 | 1001200709 | 1 | Clamp | |
| 44 | 1001205849 | 1 | Assembly, Radiator (See RADIATOR ASSEMBLY - 55KW for Breakdown) | |

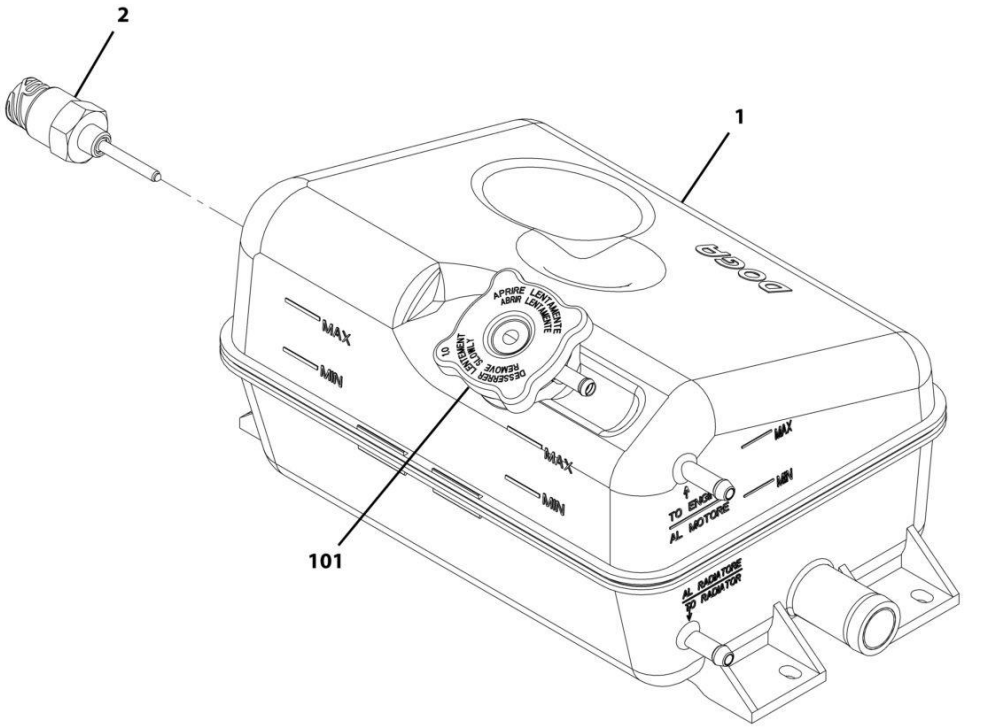
## FIGURE 4-17. COOLING SYSTEM INSTALLATION - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 4-17. COOLING SYSTEM INSTALLATION - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160 000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237153 | Ref | Cooling System Installation - 55KW | B |
| 1 | 429063 | 2 | Pad, Rubber Buffer | |
| 2 | 0760606 | 1 | Bolt, M6X12 | |
| 3 | 0760612 | 4 | Bolt, M6X25 | |
| 4 | 0760810 | 6 | Bolt, M8X20 | |
| 5 | 0761011 | 2 | Bolt, M10X22 | |
| 6 | 2142718 | 2 | Connector | |
| 7 | 2143009 | 1 | Elbow | |
| 8 | 2143010 | 1 | Elbow | |
| 9 | 3290801 | 1 | Nut, M8X1.25 | |
| 10 | 3291001 | 1 | Nut, M10X1.5 | |
| 11 | 3291007 | 2 | Nut, Lock M10X1.5 | |
| 12 | 4811700 | 4 | Washer, M6 | |
| 13 | 4811702 | 2 | Washer, M6 | |
| 14 | 4811900 | 5 | Washer, M8 | |
| 15 | 4811902 | 2 | Washer, M8 | |
| 16 | 4812000 | 2 | Washer, M10 | |
| 18 | 8005743 | 2 | Washer, Spacer, 10 | |
| 19 | 8405007 | 1 | Gear Clamp, 1.25 | |
| 20 | 8405104 | 1 | Gear Clamp, 2.25 | |
| 21 | 8405201 | 1 | Gear Clamp, 2.5 | |
| 22 | 8406302 | 1 | Clamp, Hose | |
| 23 | 8410013 | 2 | Gear Clamp, 0.78 | |
| 24 | 1001003048 | 3 | Clip | |
| 25 | 1001008721 | 1 | Clip | |
| 26 | 1001091685 | 7 | Washer, Special | |
| 27 | 1001095650 | AR | Compound, Locking | |
| 28 | 1001113669 | 1 | Pad, Rubber Buffer | |
| 29 | 1001140296 | 2 | Clamp, Spring Band | |
| 30 | 1001141615 | 1 | Seal, Edge Trim | |
| 31 | 1001141616 | 1 | Seal, Edge Trim | |
| 32 | 1001141617 | 1 | Seal, Baffle | |
| 33 | 1001142084 | 1 | Hose | |
| 34 | 1001142183 | 1 | Hose | |
| 35 | 1001142185 | 1 | Hose | |
| 36 | 1001142833 | 1 | Plate, Expansion Tank Support | |
| 37 | 1001146256 | 1 | Tube, Oil Cooling | |
| 38 | 1001147497 | 1 | Seal, Cooling Pack | |
| 39 | 1001149375 | 1 | Tank, Expansion (See Separate Breakdown in this Section) | |
| 40 | 1001154043 | 1 | Bracket, Retaining | |
| 41 | 1001172192 | 1 | Stud | |
| 42 | 1001178604 | 1 | Hose | |
| 43 | 1001200709 | 1 | Clamp | |
| 44 | 1001205849 | 1 | Assembly, Radiator (See Separate Breakdown in this Section) | |
| 45 | 1001237152 | 1 | Hose | |
| 47 | 0760607 | 1 | Nut, M6X14 | |
| 48 | 0780605 | 2 | Bolt, M6X1 | |
| 49 | 3290605 | 1 | Nut, M6X1 | |
| 50 | 1001247469 | 1 | Cover | |

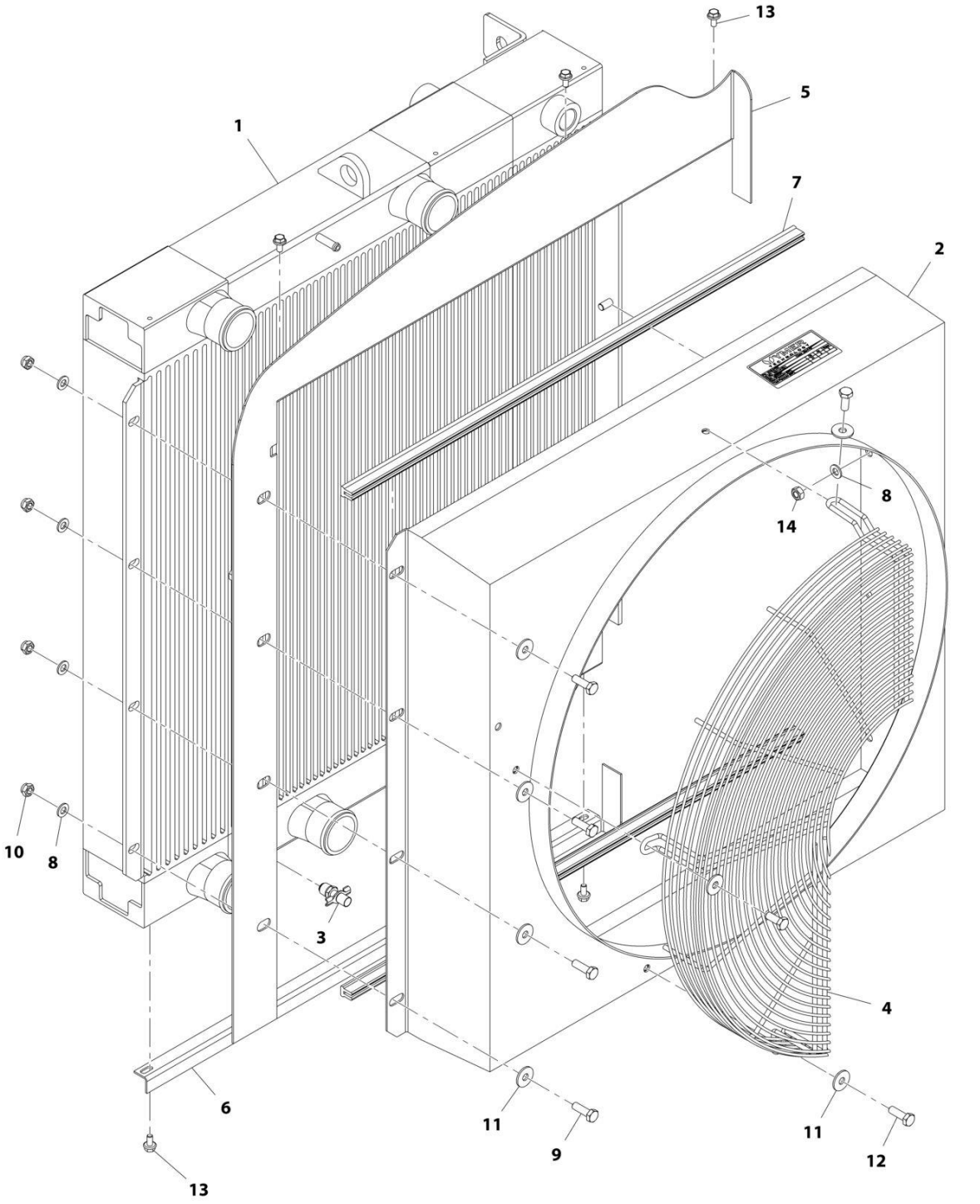
## FIGURE 4-18. EXPANSION TANK



## FIGURE 4-18. EXPANSION TANK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149375 | Ref | Expansion Tank | B |
| 1 | 1001149308 | 1 | Tank, Expansion | |
| 2 | 1001149376 | 1 | Sensor | |
| 101 | 70026997 | 1 | Cap | |

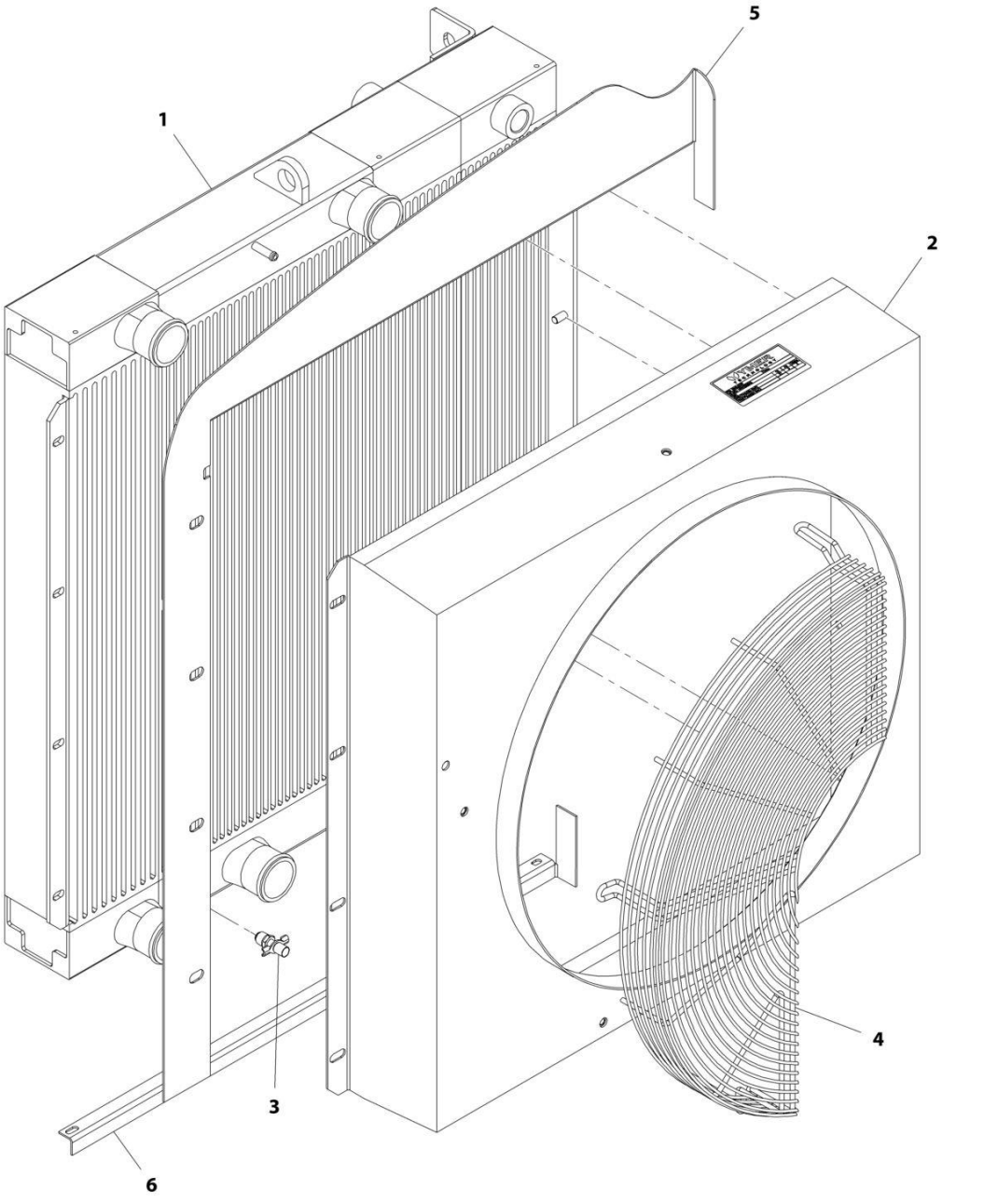
## FIGURE 4-19. RADIATOR ASSEMBLY - 74KW



## FIGURE 4-19. RADIATOR ASSEMBLY - 74KW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141611 | Ref | Radiator Assembly - 74KW | E |
| 1 | 70025642 | 1 | Cooler, Radiator | |
| 2 | 70025643 | 1 | House, Fan | |
| 3 | 70025644 | 1 | Valve, Drain | |
| 4 | 70025645 | 1 | Guard, Fan | |
| 5 | 70025646 | 1 | Plate, Baffle | |
| 6 | 70025647 | 1 | Plate, Baffle | |
| 7 | 70022396 | 2 | Seal, Hatch | |
| 8 | 70025653 | 8 | Washer | |
| 9 | 70025654 | 4 | Bolt | |
| 10 | 70025655 | 4 | Nut | |
| 11 | 70025656 | 7 | Washer | |
| 12 | 70025657 | 3 | Bolt | |
| 13 | 70025658 | 6 | Bolt | |
| 14 | 70025659 | 4 | Nut | |

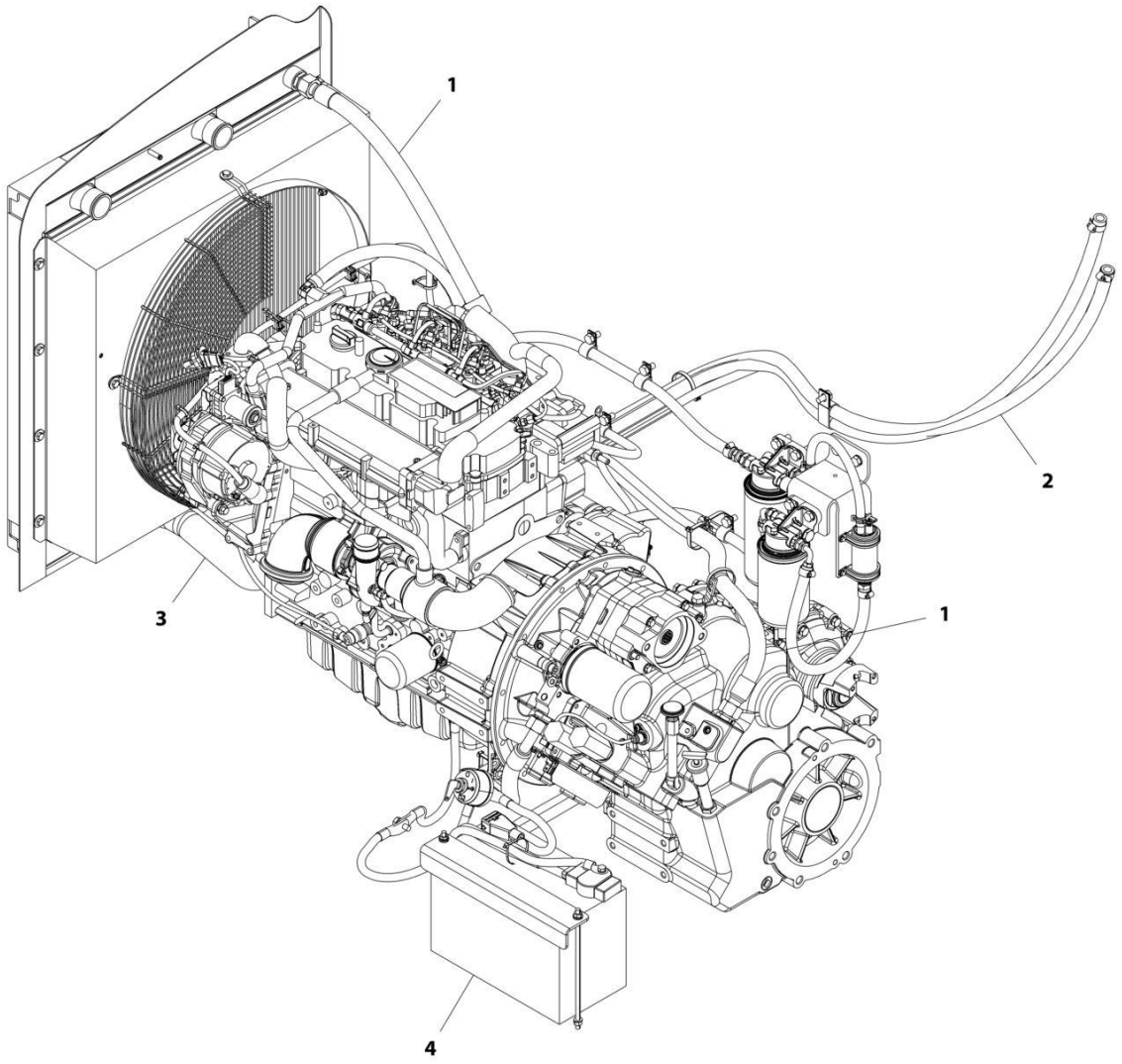
## FIGURE 4-20. RADIATOR ASSEMBLY - 55KW



## FIGURE 4-20. RADIATOR ASSEMBLY - 55KW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001205849 | Ref | Radiator Assembly - 55KW | B |
| 1 | 70025642 | 1 | Cooler | |
| 2 | | Ref | Shroud | |
| 3 | 70025644 | 1 | Drain Valve | |
| 4 | 70025645 | 1 | Fan Guard | |
| 5 | 70025647 | 1 | Baffle Plate | |
| 6 | 70025646 | 1 | Baffle Plate | |

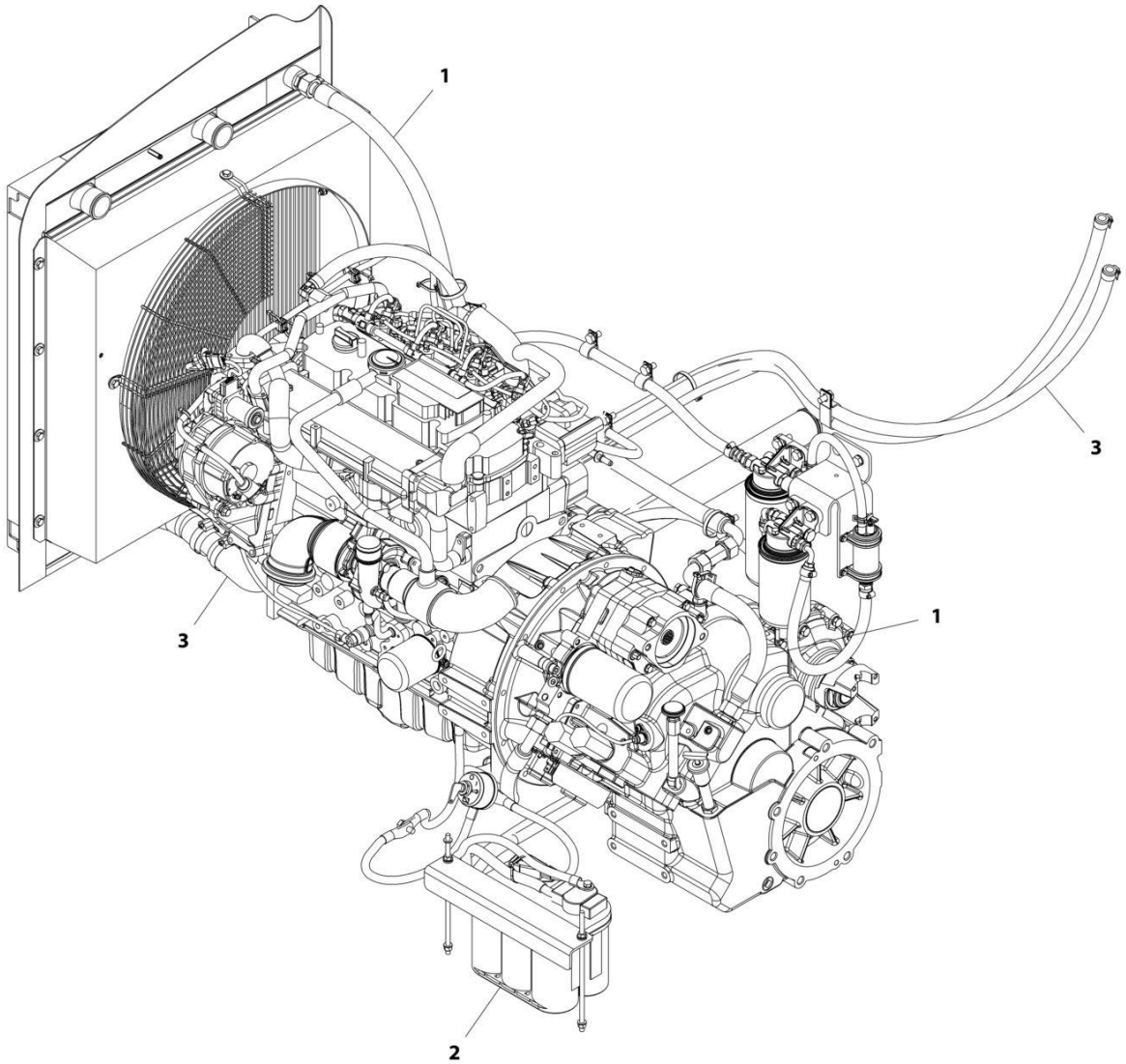
## FIGURE 4-21. RADIATOR LINES INSTALLATION



## FIGURE 4-21. RADIATOR LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178702 | Ref | Radiator Lines Installation | B |
| 1 | 1001144787 | Ref | Installation, Cooling Transmission (See TRANSMISSION COOLING INSTALLATION for Breakdown) | |
| 2 | 1001145073 | Ref | Installation, Heater Lines (See HEATER LINES INSTALLATION for Breakdown) | |
| 3 | 1001178605 | Ref | Installation, Engine Coolant Hose (See ENGINE COOLANT HOSE INSTALLATION for Breakdown) | |
| 4 | 1001145531 | Ref | Installation, Battery (See Separate Breakdown in ELECTRICAL Section) **(SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)** | |
| 4 | 1001239516 | Ref | Installation, Battery (See Separate Breakdown in ELECTRICAL Section) **(SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)** | |

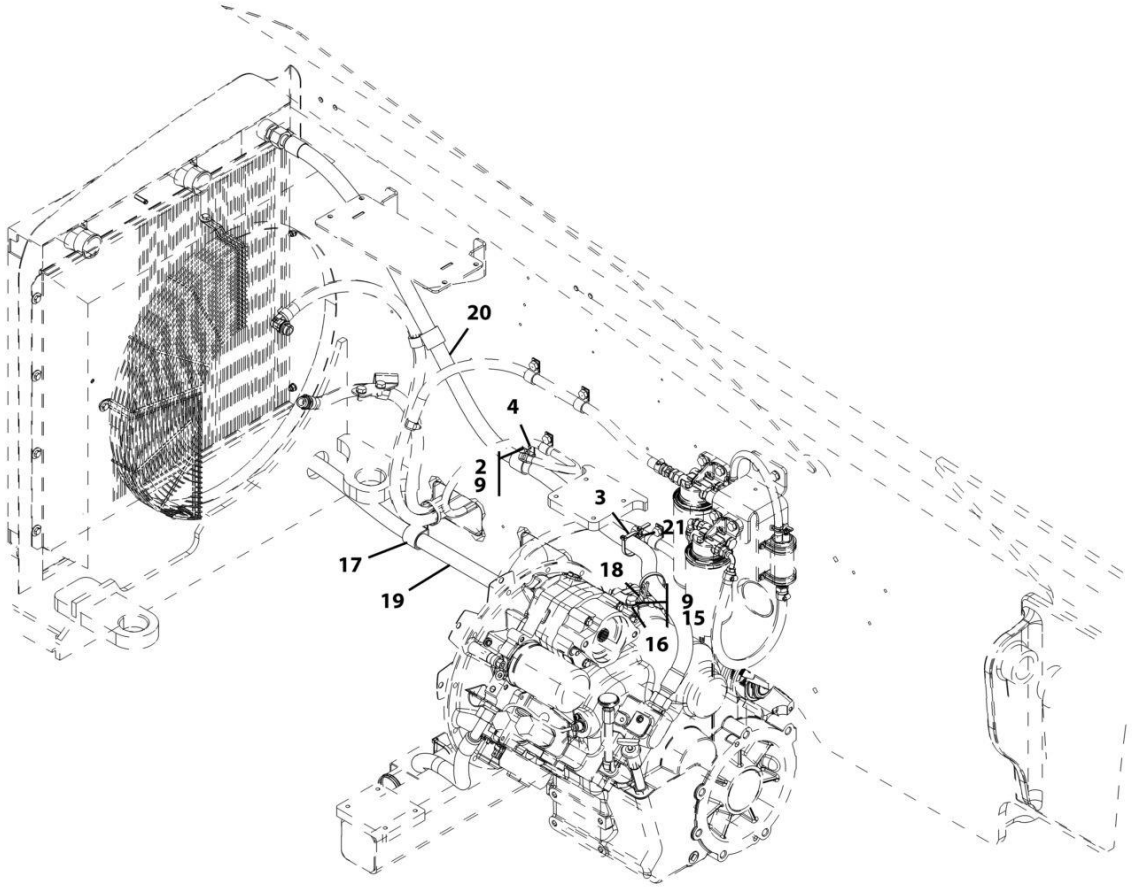
## FIGURE 4-22. RADIATOR LINES INSTALLATION - ARCTIC



## FIGURE 4-22. RADIATOR LINES INSTALLATION - ARCTIC

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160980 | Ref | Radiator Lines Installation - ARCTIC | B |
| 1 | 1001159326 | Ref | Installation, Thermal Bypass (See THERMAL BYPASS INSTALLATION - ARCTIC for Breakdown) | |
| 2 | 1001167211 | Ref | Installation, Battery (See Separate Breakdown in ELECTRICAL Section) **(SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)** | |
| 2 | 1001246126 | Ref | Installation, Battery (See Separate Breakdown in ELECTRICAL Section) **(SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)** | |
| 3 | 1001167591 | Ref | Installation, Heater Block (See HEATER BLOCK INSTALLATION - ARCTIC for Breakdown) | |

## FIGURE 4-23. TRANSMISSION COOLING INSTALLATION

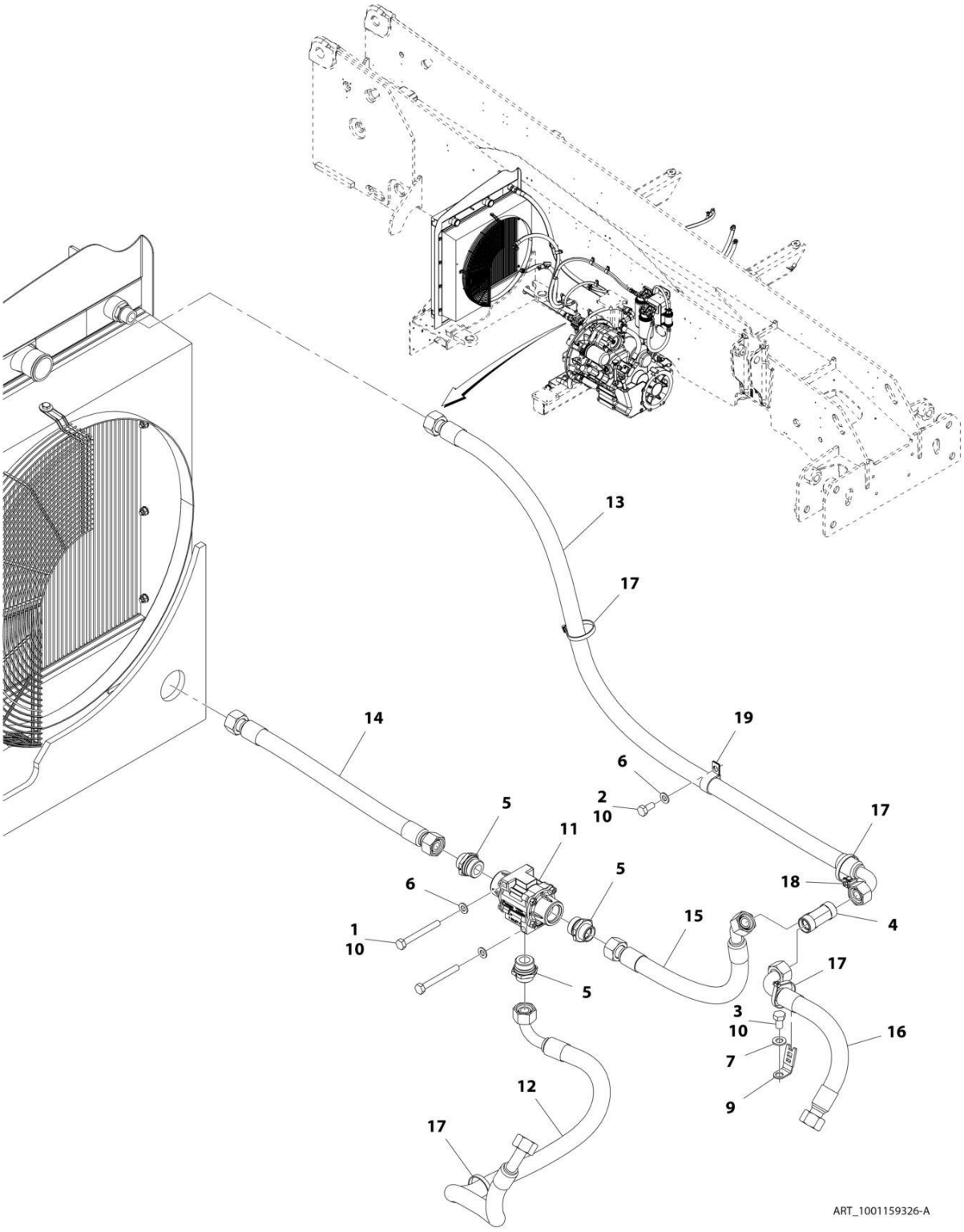



ART_1001144787-E

## FIGURE 4-23. TRANSMISSION COOLING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144787 | Ref | Transmission Cooling Installation | E |
| 2 | 0761011 | 3 | Bolt, M10X22 | |
| 3 | 1062255 | 4 | Tie, Strap | |
| 4 | 4812000 | 3 | Washer, M10 | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 15 | 0761210 | 1 | Bolt, M12X20 | |
| 16 | 4812100 | 1 | Washer, M12 | |
| 17 | 1001008572 | 4 | Clip | |
| 18 | 1001025751 | 1 | Clip | |
| 19 | 1001161471 | 1 | Hose | |
| 20 | 1001155051 | 1 | Hose | |
| 21 | 1001004723 | 1 | Saddle | |

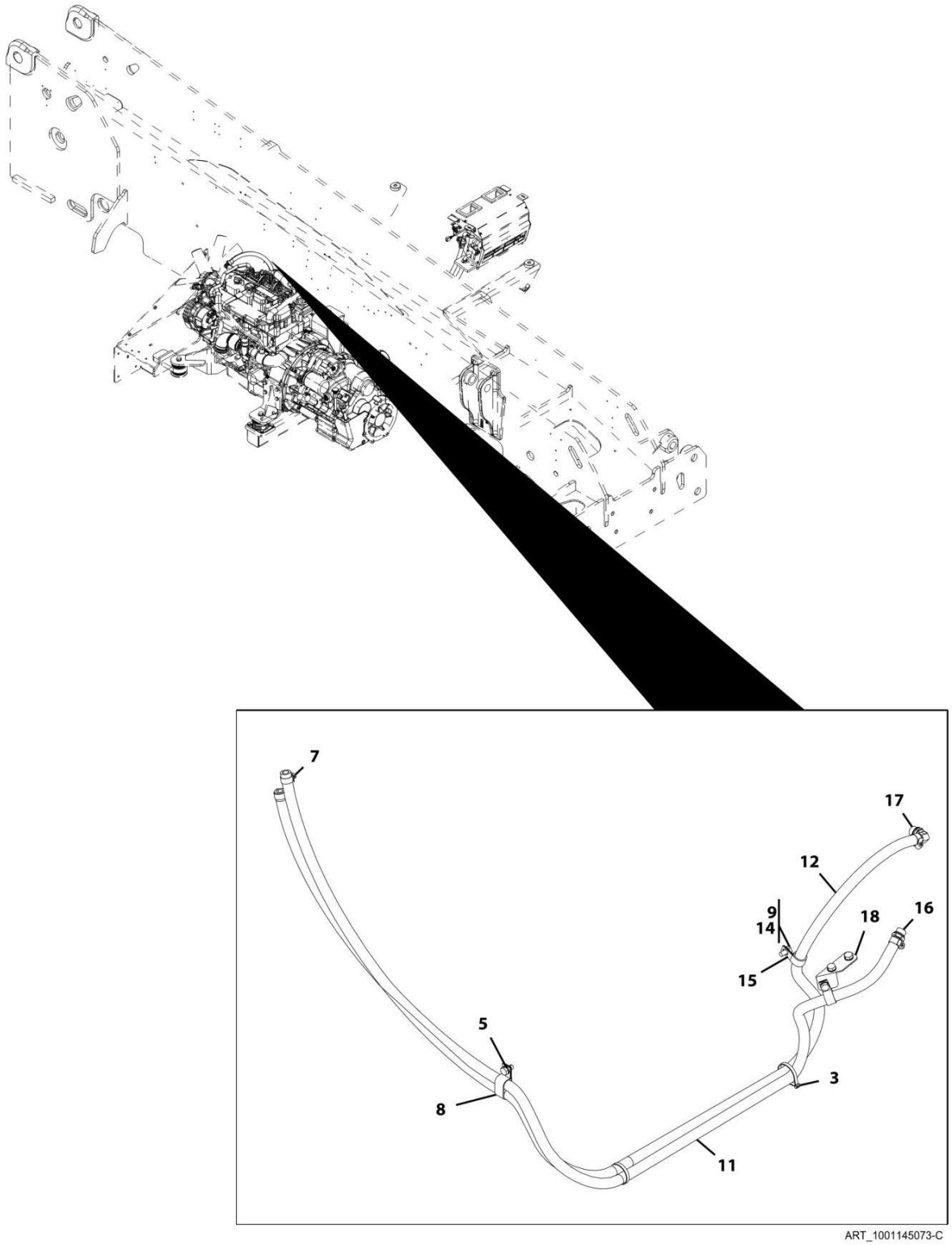
## FIGURE 4-24. THERMAL BYPASS INSTALLATION - ARCTIC



## FIGURE 4-24. THERMAL BYPASS INSTALLATION - ARCTIC

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001159326 | Ref | Thermal Bypass Installation - ARCTIC | A |
| 1 | 0701026 | 2 | Bolt, M10X90 | |
| 2 | 0761011 | 1 | Bolt, M10X22 | |
| 3 | 0761210 | 1 | Bolt, M12X20 | |
| 4 | 2141912 | 1 | Fitting, Union Tee | |
| 5 | 2144812 | 3 | Adapter | |
| 6 | 4812000 | 3 | Washer, M10 | |
| 7 | 4812100 | 1 | Washer, M12 | |
| 9 | 1001025751 | 1 | Clip | |
| 10 | 1001095650 | AR | Compound, Locking | |
| 11 | 1001119801 | 1 | Valve, Thermal Bypass | |
| 12 | 1001159327 | 1 | Hose | |
| 13 | 1001159328 | 1 | Hose | |
| 14 | 1001159329 | 1 | Hose | |
| 15 | 1001159330 | 1 | Hose | |
| 16 | 1001159331 | 1 | Hose | |
| 17 | 1062255 | 4 | Tie, Strap | |
| 18 | 1001004723 | 1 | Saddle | |
| 19 | 1001008572 | 2 | Clip | |

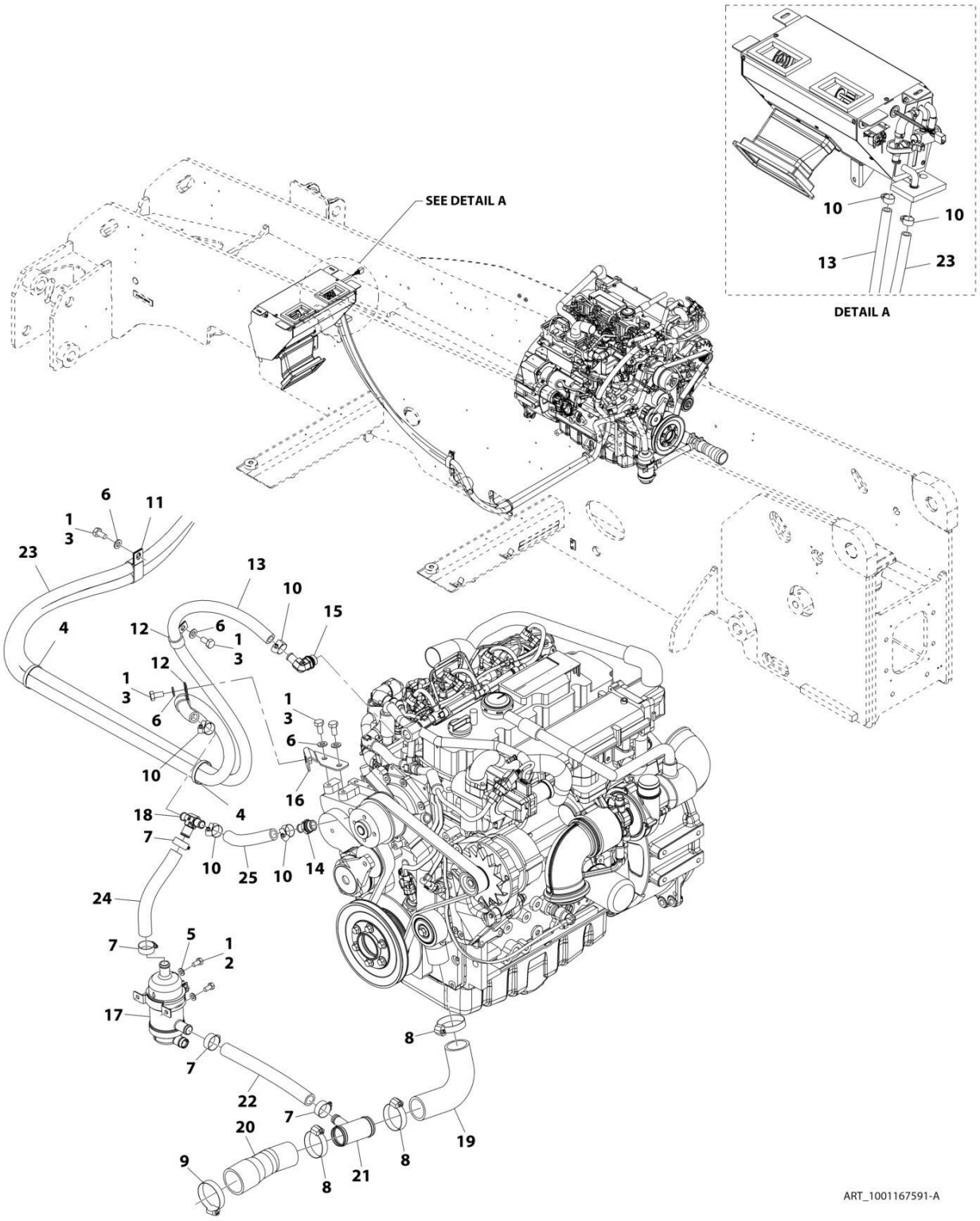
**FIGURE 4-25. HEATER LINES INSTALLATION**



## FIGURE 4-25. HEATER LINES INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145073 | Ref | Heater Lines Installation | C |
| 3 | 1062255 | 2 | Tie, Strap | |
| 5 | 4812000 | 5 | Washer, M10 | |
| 7 | 1001008609 | 4 | Clamp | |
| 8 | 1001008720 | 1 | Clip | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 11 | 1001145071 | 1 | Hose | |
| 12 | 1001145072 | 1 | Hose | |
| 14 | 0761010 | 5 | Bolt, M10X20 | |
| 15 | 1001009384 | 2 | Clip | |
| 16 | 1001154262 | 1 | Adapter | |
| 17 | 1001154263 | 1 | Adapter | |
| 18 | 1001155013 | 1 | Bracket, Heater Hose | |

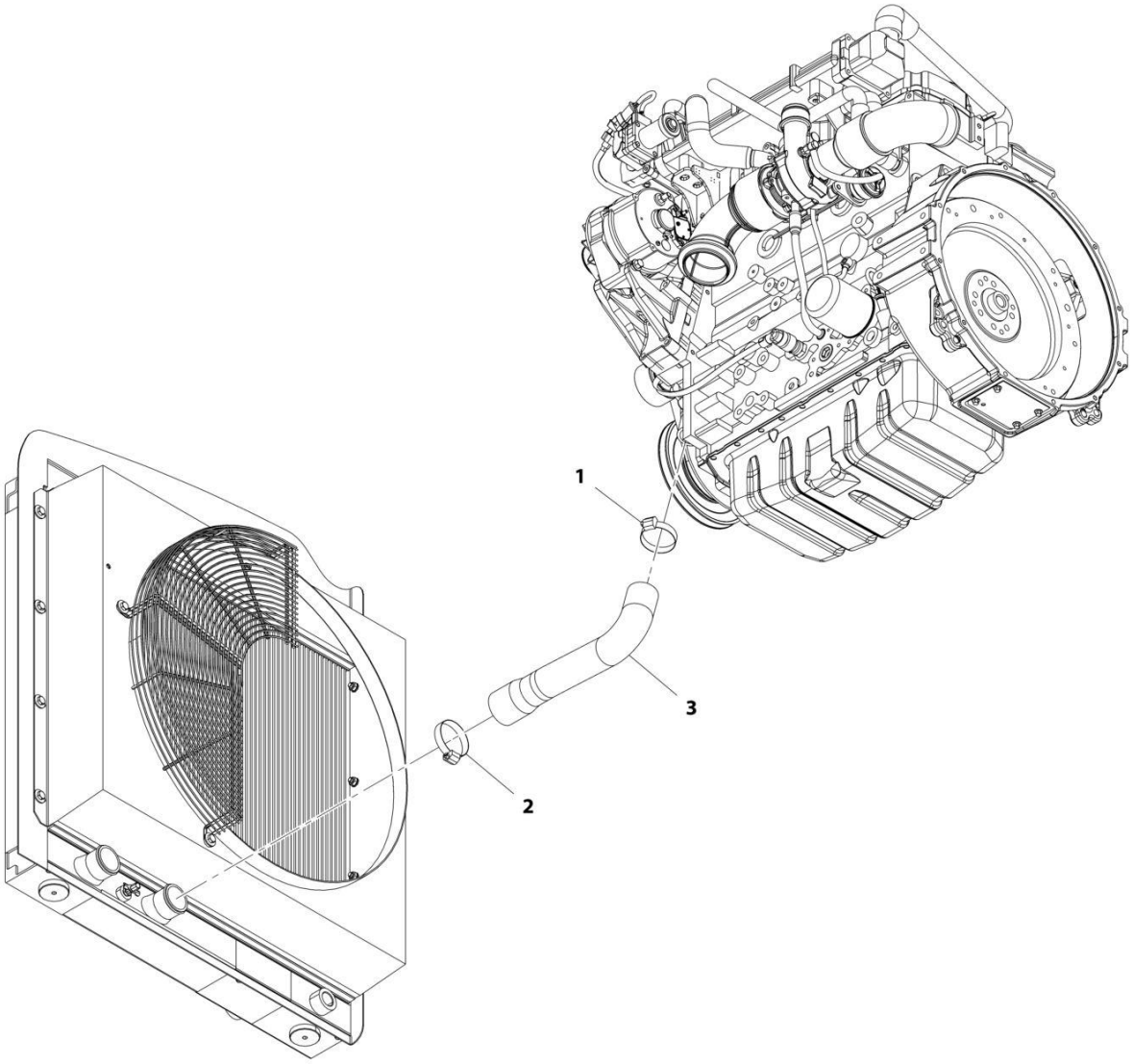
## FIGURE 4-26. HEATER BLOCK INSTALLATION - ARCTIC



## FIGURE 4-26. HEATER BLOCK INSTALLATION - ARCTIC

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001167591 | Ref | Heater Block Installation - ARCTIC | A |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760808 | 2 | Bolt, M8X16 | |
| 3 | 0761010 | 5 | Bolt, M10X20 | |
| 4 | 1062255 | 2 | Tie, Strap | |
| 5 | 4811900 | 2 | Washer, M8 | |
| 6 | 4812000 | 5 | Washer, M10 | |
| 7 | 8405007 | 4 | Gear Clamp, 1.25 | |
| 8 | 8405104 | 3 | Gear Clamp, 2.25 | |
| 9 | 8405201 | 1 | Gear Clamp, 2.5 | |
| 10 | 1001008609 | 6 | Clamp | |
| 11 | 1001008720 | 1 | Clip | |
| 12 | 1001009384 | 2 | Clip | |
| 13 | 1001145072 | 1 | Hose | |
| 14 | 1001154262 | 1 | Adapter | |
| 15 | 1001154263 | 1 | Adapter | |
| 16 | 1001155013 | 1 | Bracket, Heater Hose | |
| 17 | 1001165069 | 1 | Heater, Engine | |
| 18 | 1001167773 | 1 | Fitting | |
| 19 | 1001167976 | 1 | Hose | |
| 20 | 1001167977 | 1 | Hose | |
| 21 | 1001170437 | 1 | Pipe | |
| 22 | 1001170489 | 1 | Hose | |
| 23 | 1001170490 | 1 | Hose | |
| 24 | 1001170491 | 1 | Hose | |
| 25 | 1001170492 | 1 | Hose | |

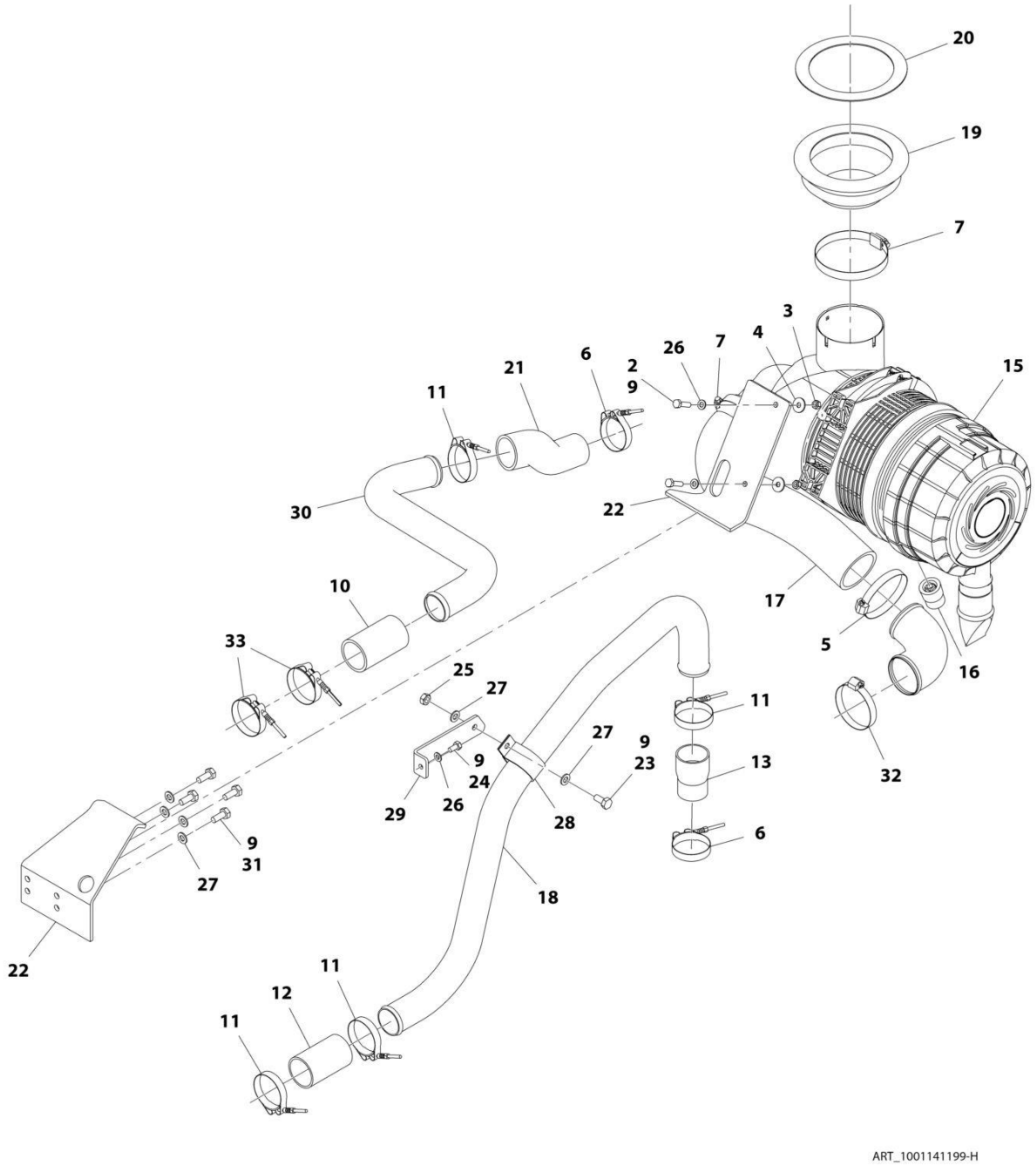
## FIGURE 4-27. ENGINE COOLANT HOSE INSTALLATION



## FIGURE 4-27. ENGINE COOLANT HOSE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178605 | Ref | Engine Coolant Hose Installation | A |
| 1 | 8405104 | 1 | Gear Clamp, 2.25 | |
| 2 | 8405201 | 1 | Gear Clamp, 2.5 | |
| 3 | 1001142083 | 1 | Hose | |

## FIGURE 4-28. AIR SYSTEM INSTALLATION - 74KW

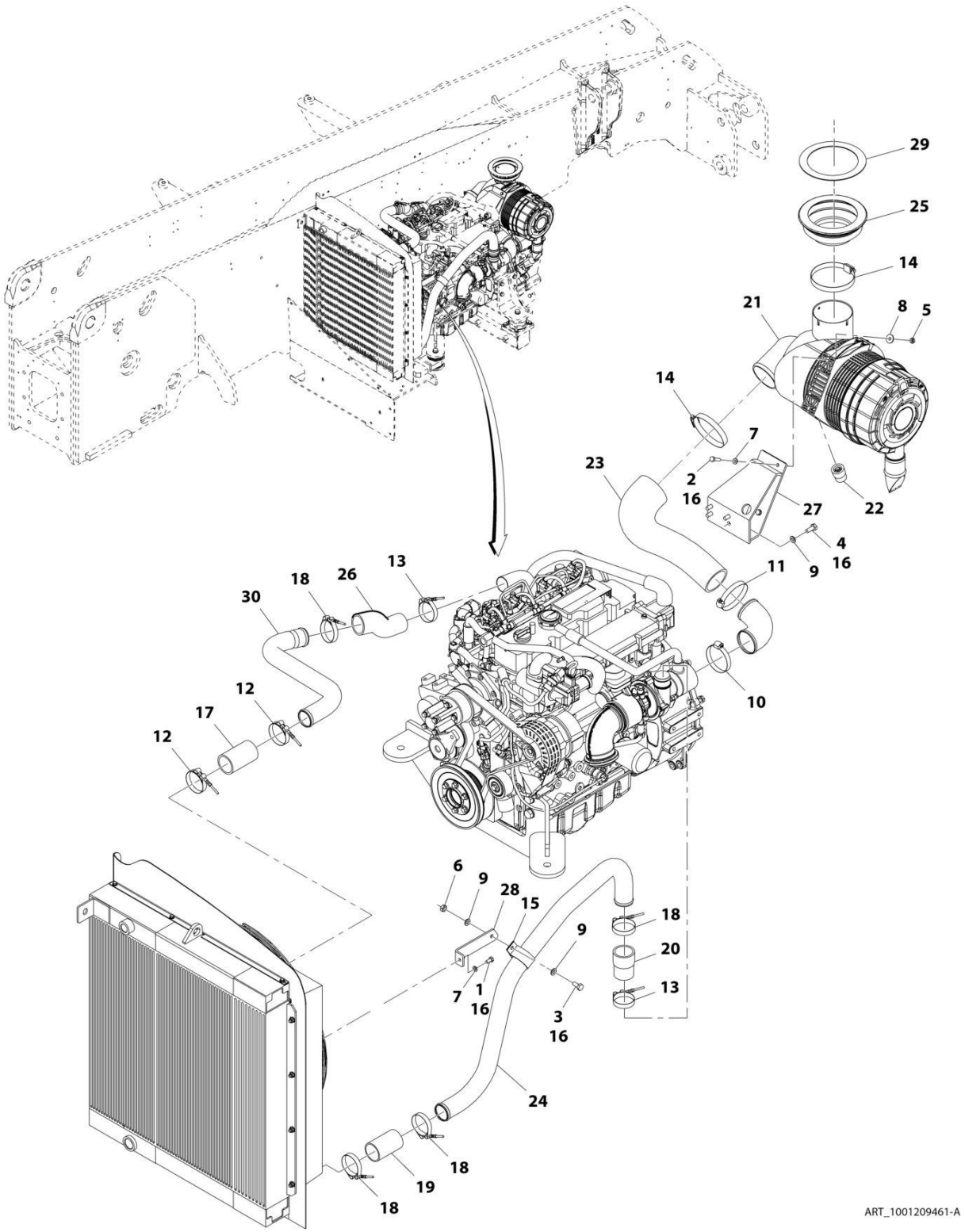



ART_1001141199-H

## FIGURE 4-28. AIR SYSTEM INSTALLATION - 74KW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141199 | Ref | Air System Installation - 74KW | H |
| 2 | 0760814 | 2 | Bolt, M8X30 | |
| 3 | 3290801 | 2 | Nut, M8X1.25 | |
| 4 | 4811902 | 2 | Washer, M8 | |
| 5 | 8410011 | 1 | Gear Clamp | |
| 6 | 1001006072 | 2 | Clamp, Band, T-Bolt | |
| 7 | 1001009154 | 1 | Clamp, Hose | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 10 | 1001100117 | 1 | Hose | |
| 11 | 1001120904 | 4 | Clamp, Band | |
| 12 | 1001126737 | 1 | Hose | |
| 13 | 1001131642 | 1 | Pipe, Charge Air Reducer | |
| 15 | 1001141205 | 1 | Assembly, Air Filter (See AIR FILTER ASSEMBLY for Breakdown) | |
| 16 | 1001141952 | 1 | Indicator, Restriction | |
| 17 | 1001143462 | 1 | Hose | |
| 18 | 1001143463 | 1 | Pipe, Charge Air | |
| 19 | 1001144016 | 1 | Boot, Air Filter Intake | |
| 20 | 1001154682 | 1 | Plate, Seal | |
| 21 | 1001145062 | 1 | Hose | |
| 22 | 1001145221 | 1 | Bracket, Air Cleaner | |
| 23 | 0761011 | 1 | Bolt, M10X22 | |
| 24 | 0760808 | 1 | Bolt, M8X16 | |
| 25 | 3291001 | 1 | Nut, M10X1.5 | |
| 26 | 4811900 | 3 | Washer, M8 | |
| 27 | 4812000 | 6 | Washer, M10 | |
| 28 | 1001025902 | 1 | Clip | |
| 29 | 1001148298 | 1 | Bracket, Support | |
| 30 | 1001141202 | 1 | Pipe, Charge Air | |
| 31 | 0761012 | 4 | Bolt, M10X25 | |
| 32 | 8405204 | 1 | Gear Clamp | |
| 33 | 1001005438 | 1 | Clamp, Band | |

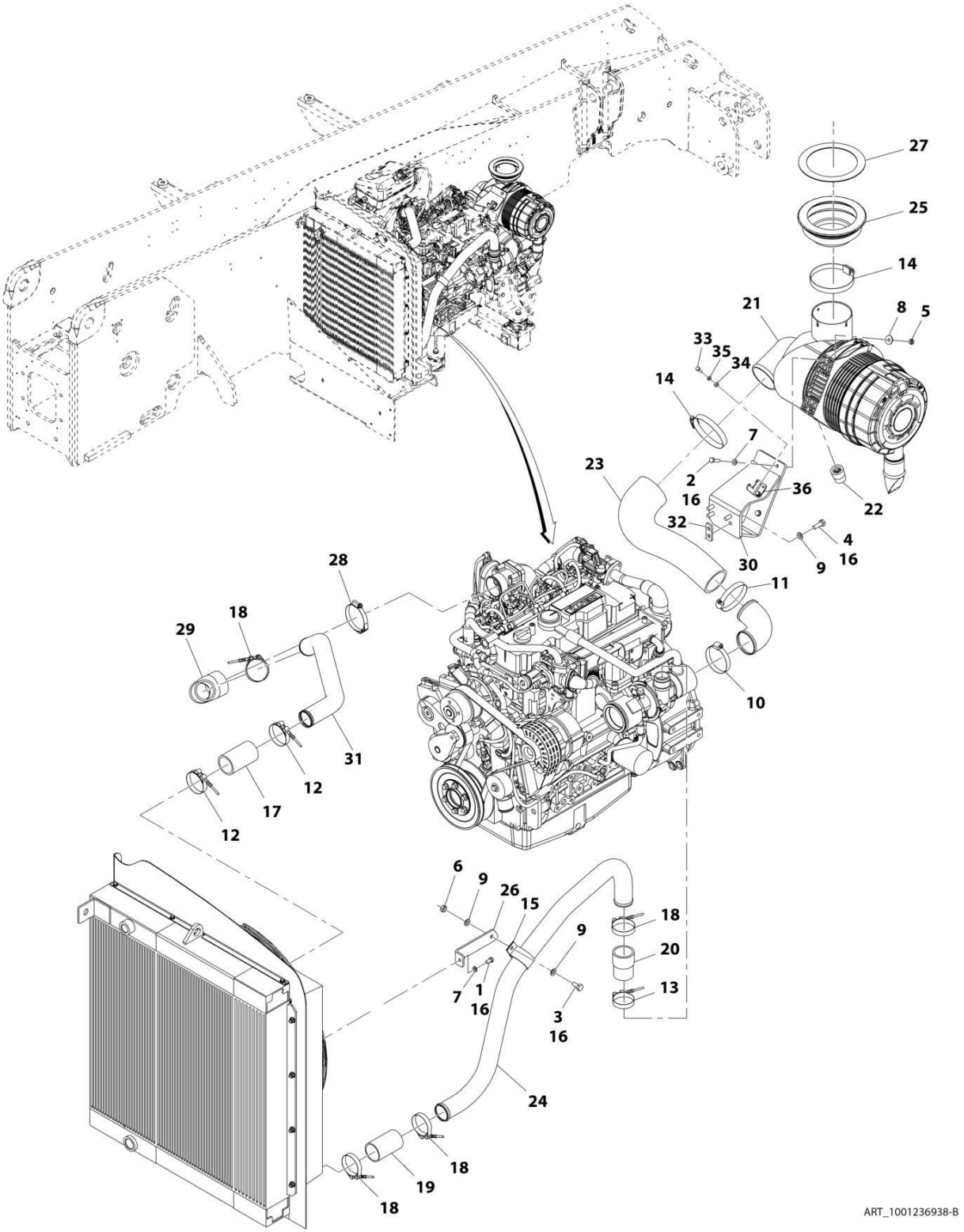
## FIGURE 4-29. AIR SYSTEM INSTALLATION - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 4-29. AIR SYSTEM INSTALLATION - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001209461 | Ref | Air System Installation - 55KW | A |
| 1 | 0760808 | 1 | Bolt, M8X16 | |
| 2 | 0760814 | 2 | Bolt, M8X30 | |
| 3 | 0761011 | 1 | Bolt, M10X22 | |
| 4 | 0761012 | 4 | Bolt, M10X25 | |
| 5 | 3290801 | 2 | Nut, M8X1.25 | |
| 6 | 3291001 | 1 | Nut, M10X1.5 | |
| 7 | 4811900 | 3 | Washer, M8 | |
| 8 | 4811902 | 2 | Washer, M8 | |
| 9 | 4812000 | 6 | Washer, M10 | |
| 10 | 8405204 | 1 | Gear Clamp | |
| 11 | 8410011 | 1 | Gear Clamp | |
| 12 | 1001005438 | 2 | Clamp, Band | |
| 13 | 1001006072 | 2 | Clamp, Band, T-Bolt | |
| 14 | 1001009154 | 2 | Clamp, Hose | |
| 15 | 1001025902 | 1 | Clip | |
| 16 | 1001095650 | AR | Compound, Locking | |
| 17 | 1001100117 | 1 | Hose | |
| 18 | 1001120904 | 4 | Clamp, Band | |
| 19 | 1001126737 | 1 | Hose | |
| 20 | 1001131642 | 1 | Pipe, Charge Air Reducer | |
| 21 | 1001141205 | 1 | Assembly, Air Filter (See AIR FILTER ASSEMBLY for Breakdown) | |
| 22 | 1001141952 | 1 | Indicator, Restriction | |
| 23 | 1001143462 | 1 | Hose | |
| 24 | 1001143463 | 1 | Pipe, Charge Air | |
| 25 | 1001144016 | 1 | Boot, Air Filter Intake | |
| 26 | 1001145062 | 1 | Hose | |
| 27 | 1001145221 | 1 | Bracket, Air Cleaner | |
| 28 | 1001148298 | 1 | Bracket, Support | |
| 29 | 1001154682 | 1 | Plate, Seal | |
| 30 | 1001209460 | 1 | Pipe, Charge Air | |

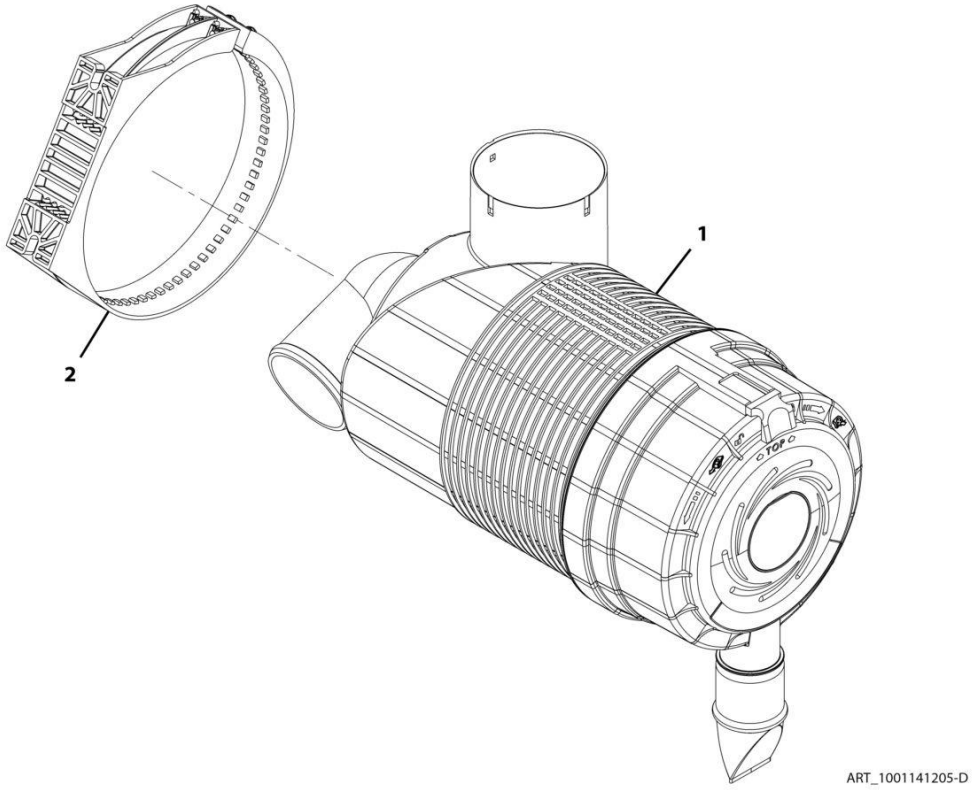
## FIGURE 4-30. AIR SYSTEM INSTALLATION - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 4-30. AIR SYSTEM INSTALLATION - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236938 | Ref | Air System Installation - 55KW | B |
| 1 | 0760808 | 1 | Bolt, M8X16 | |
| 2 | 0760814 | 2 | Bolt, M8X30 | |
| 3 | 0761011 | 1 | Bolt, M10X22 | |
| 4 | 0771014 | 4 | Bolt, M10X30 | |
| 5 | 3290801 | 2 | Nut, M8X1.25 | |
| 6 | 3291001 | 1 | Nut, M10X1.5 | |
| 7 | 4811900 | 3 | Washer, M8 | |
| 8 | 4811902 | 2 | Washer, M8 | |
| 9 | 4812000 | 6 | Washer, M10 | |
| 10 | 8405204 | 1 | Gear Clamp | |
| 11 | 8410011 | 1 | Gear Clamp | |
| 12 | 1001005438 | 2 | Clamp, Band | |
| 13 | 1001006072 | 1 | Clamp, Band, T-Bolt | |
| 14 | 1001009154 | 2 | Clamp, Hose | |
| 15 | 1001025902 | 1 | Clip | |
| 16 | 1001095650 | AR | Compound, Locking | |
| 17 | 1001100117 | 1 | Hose | |
| 18 | 1001120904 | 4 | Clamp, Band | |
| 19 | 1001126737 | 1 | Hose | |
| 20 | 1001131642 | 1 | Pipe, Charge Air Reducer | |
| 21 | 1001141205 | 1 | Assembly, Air Filter (See Separate Breakdown in this Section) | |
| 22 | 1001141952 | 1 | Indicator, Restriction | |
| 23 | 1001143462 | 1 | Hose | |
| 24 | 1001143463 | 1 | Pipe, Charge Air | |
| 25 | 1001144016 | 1 | Boot, Air Filter Intake | |
| 26 | 1001148298 | 1 | Bracket, Support | |
| 27 | 1001154682 | 1 | Plate, Seal | |
| 28 | 1001215022 | 1 | Clamp | |
| 29 | 1001236931 | 1 | Hose | |
| 30 | 1001236934 | 1 | Bracket, Air Cleaner | |
| 31 | 1001236936 | 1 | Pipe, Charge Air | |
| 32 | 1001237228 | 1 | Plate, Seal | |
| 33 | 0760610 | 2 | Bolt, M6X20 | |
| 34 | 4811700 | 2 | Washer, M6 | |
| 35 | 4831700 | 2 | Washer, Lock 6 | |
| 36 | 1001236914 | 1 | Bracket | |

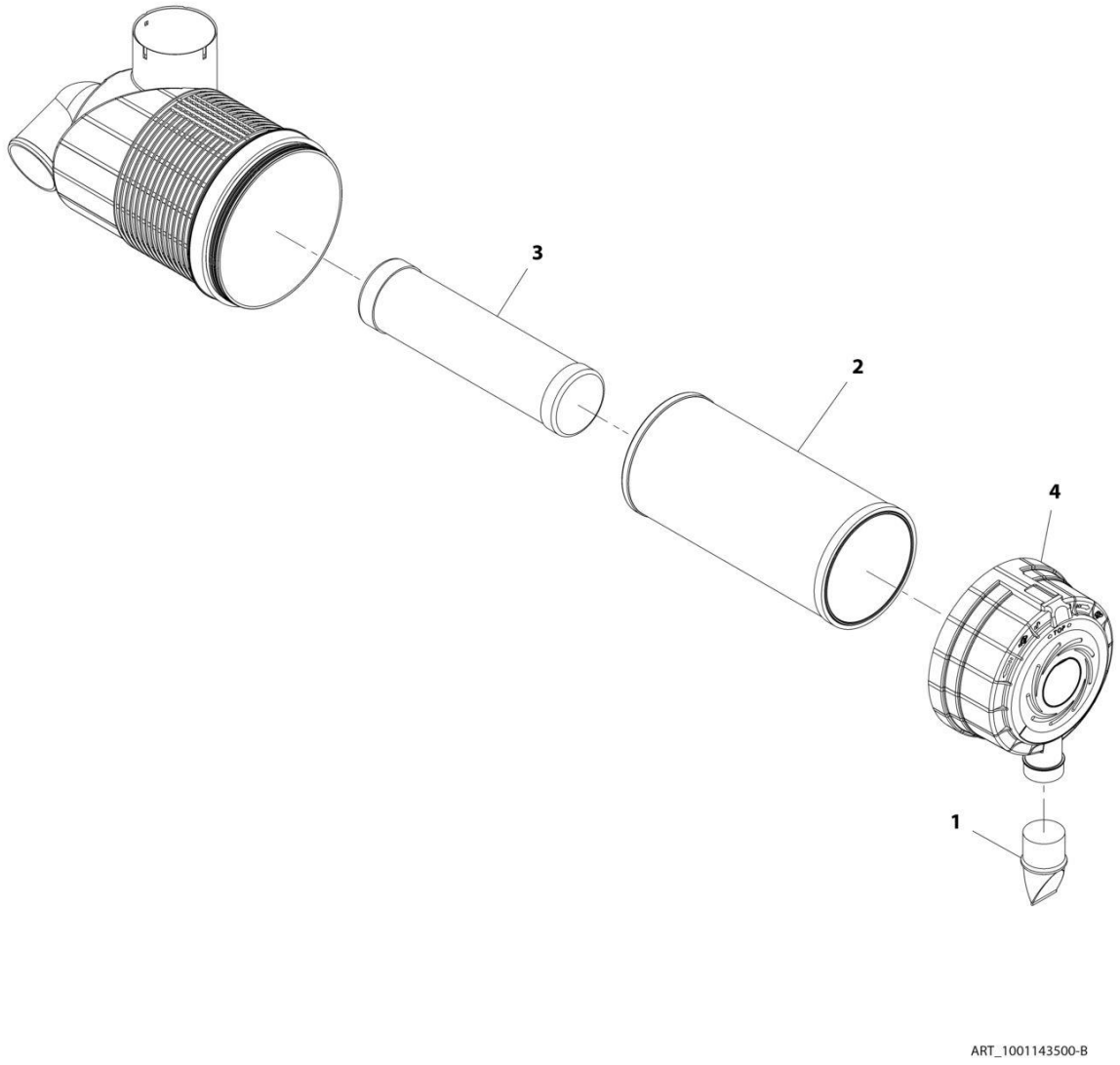
## FIGURE 4-31. AIR FILTER ASSEMBLY



## FIGURE 4-31. AIR FILTER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141205 | Ref | Air Filter Assembly | D |
| 1 | 1001143500 | 1 | Filter, Air Intake (See AIR INTAKE FILTER for Breakdown) | |
| 2 | 1001143745 | 1 | Clamp, Air Filter | |

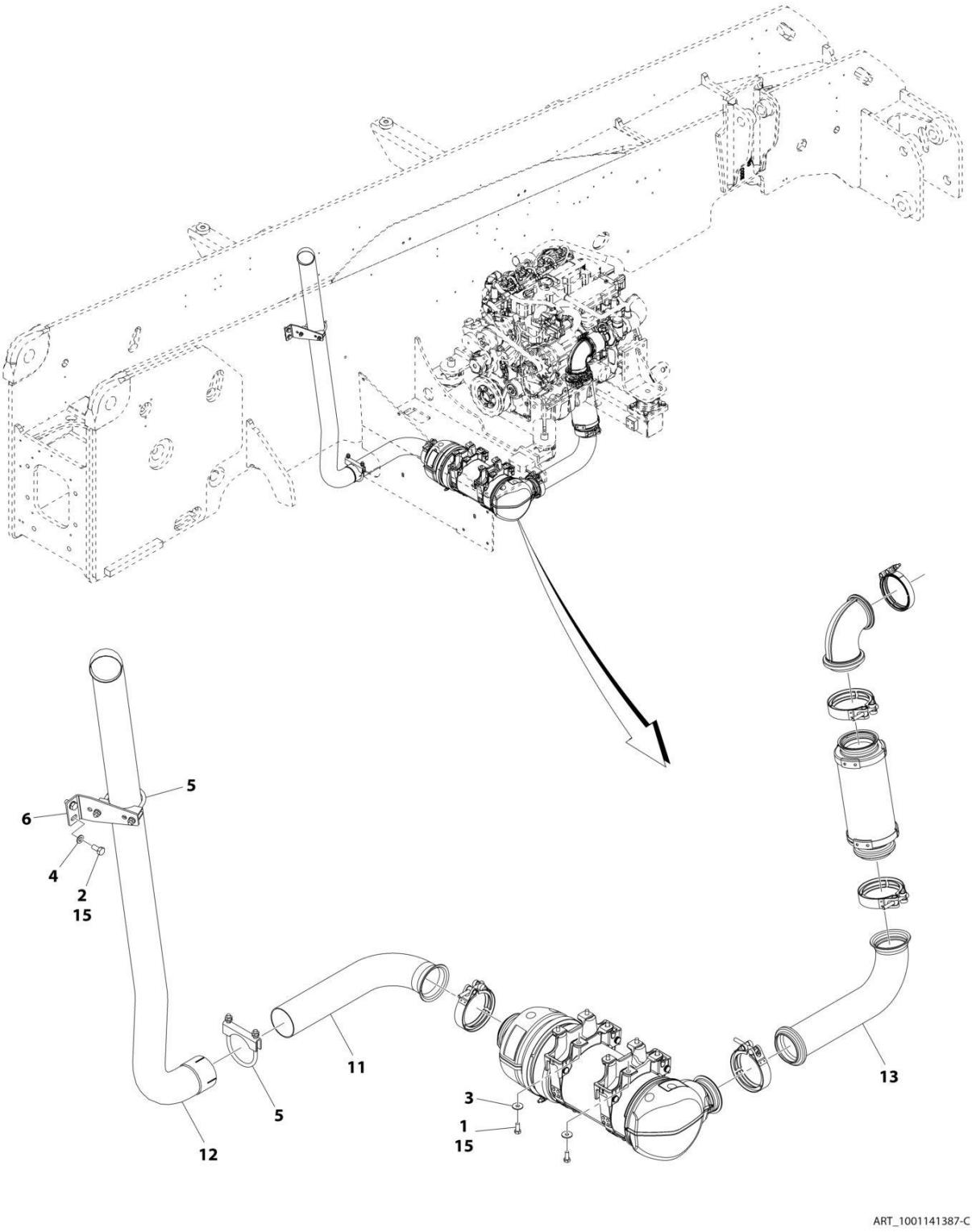
## FIGURE 4-32. AIR INTAKE FILTER



## FIGURE 4-32. AIR INTAKE FILTER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143500 | Ref | Air Intake Filter | B |
| 1 | 80373094 | 1 | Valve, Vacuator | |
| 2 | 1101312 | 1 | Element, Primary | |
| 3 | 1101313 | 1 | Element, Safety | |
| 4 | 1001001408 | 1 | Cover | |

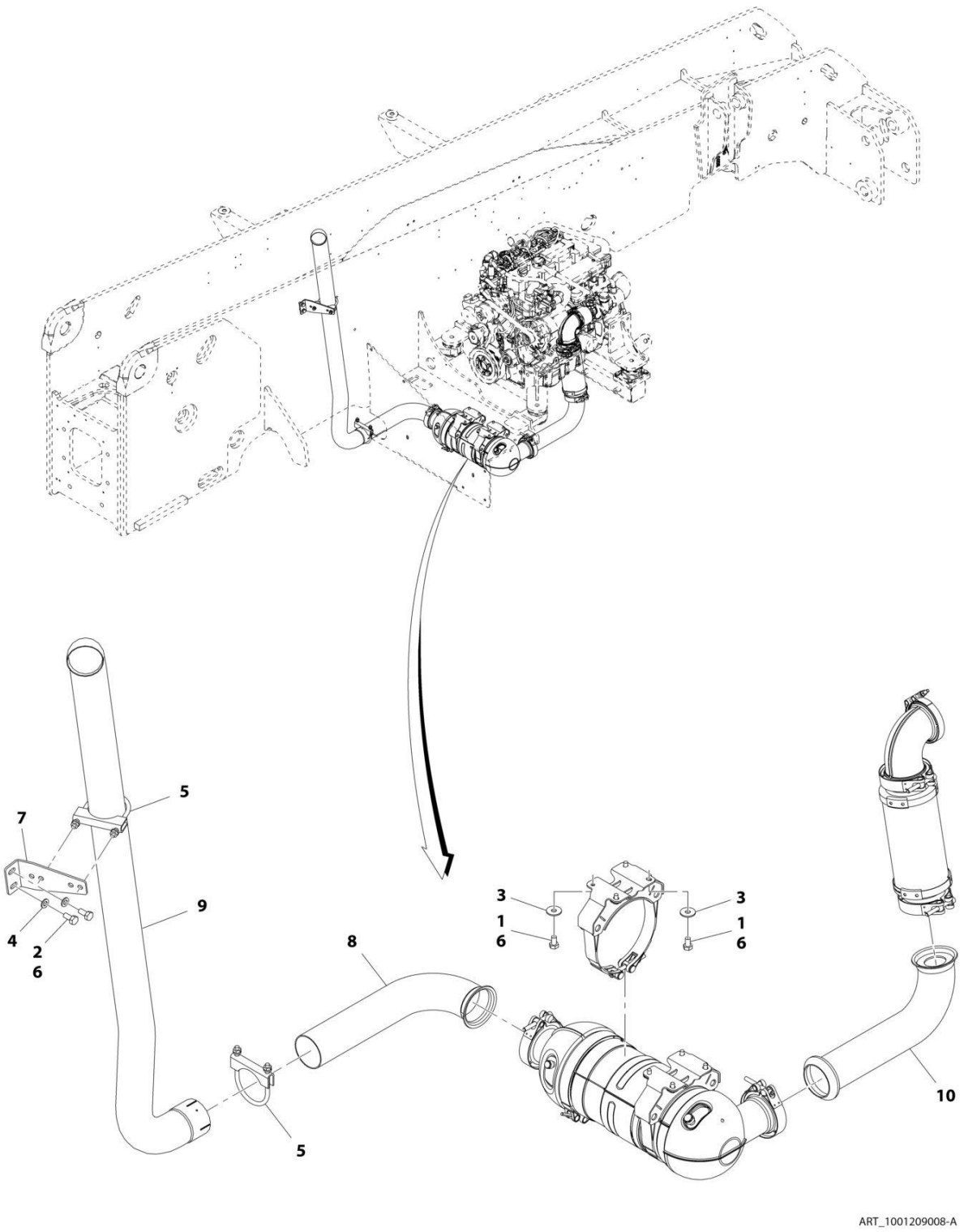
## FIGURE 4-33. EXHAUST SYSTEM INSTALLATION (ULS) - 74KW



## FIGURE 4-33. EXHAUST SYSTEM INSTALLATION (ULS) - 74KW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141387 | Ref | Exhaust System Installation (ULS) - 74KW | C |
| 1 | 0760810 | 8 | Bolt, M8X20 | |
| 2 | 0761011 | 2 | Bolt, M10X22 | |
| 3 | 4811902 | 8 | Washer, M8 | |
| 4 | 4812000 | 2 | Washer, M10 | |
| 5 | 8275247 | 2 | Clamp, Muffler | |
| 6 | 1001125286 | 1 | Bracket, Exhaust | |
| 11 | 1001141390 | 1 | Pipe, Exhaust | |
| 12 | 1001141391 | 1 | Pipe, Exhaust | |
| 13 | 1001146709 | 1 | Pipe, Exhaust | |
| 15 | 1001095650 | AR | Compound, Locking | |

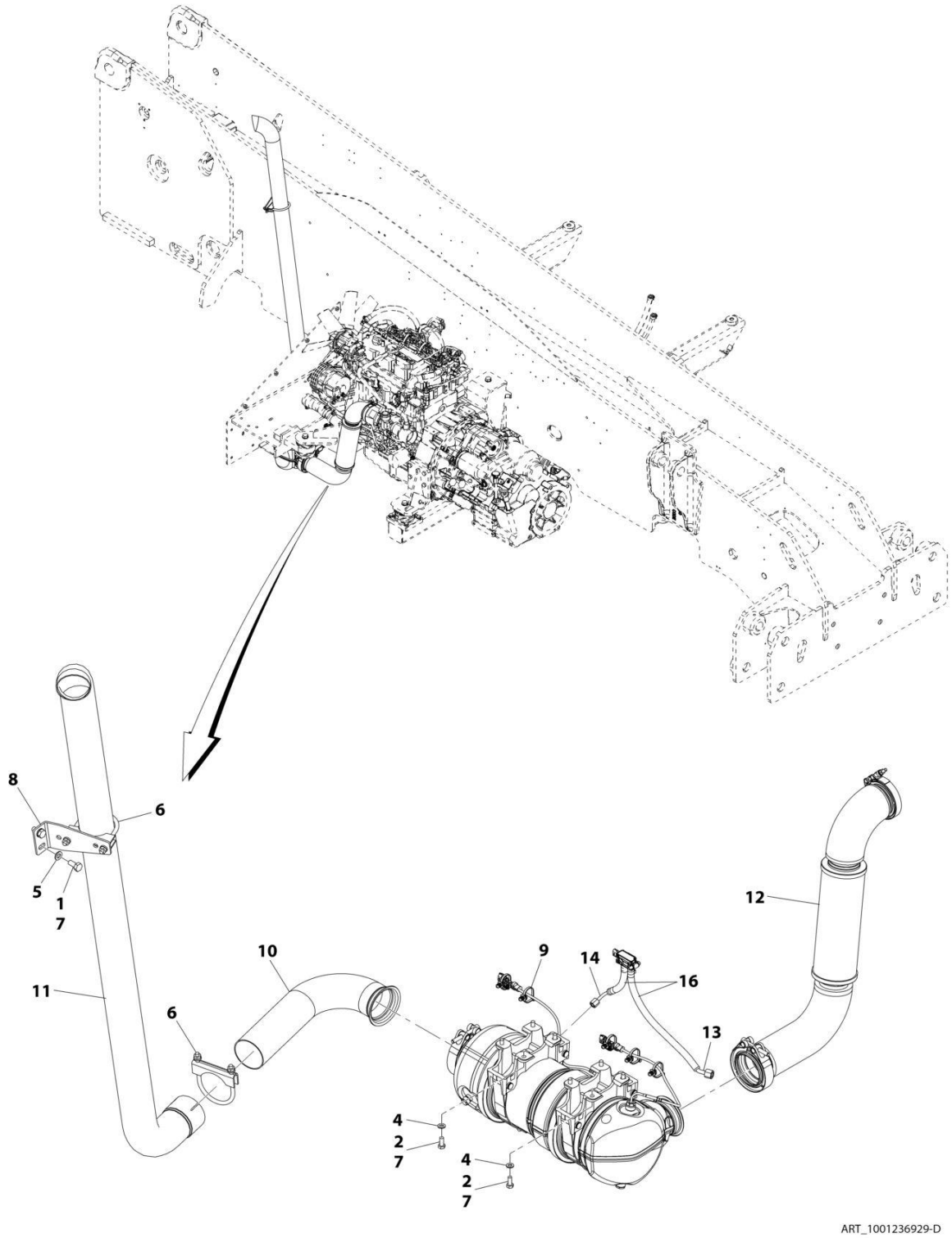
## FIGURE 4-34. EXHAUST SYSTEM INSTALLATION (ULS) - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 4-34. EXHAUST SYSTEM INSTALLATION (ULS) - 55KW (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001209008 | Ref | Exhaust System Installation (ULS) - 55KW | A |
| 1 | 0760807 | 8 | Bolt, M8X14 | |
| 2 | 0761011 | 2 | Bolt, M10X22 | |
| 3 | 4811902 | 8 | Washer, M8 | |
| 4 | 4812000 | 2 | Washer, M10 | |
| 5 | 8275247 | 2 | Clamp, Muffler | |
| 6 | 1001095650 | AR | Compound, Locking | |
| 7 | 1001125286 | 1 | Bracket, Exhaust | |
| 8 | 1001141390 | 1 | Pipe, Exhaust | |
| 9 | 1001141391 | 1 | Pipe, Exhaust | |
| 10 | 1001209007 | 1 | Pipe, Exhaust | |

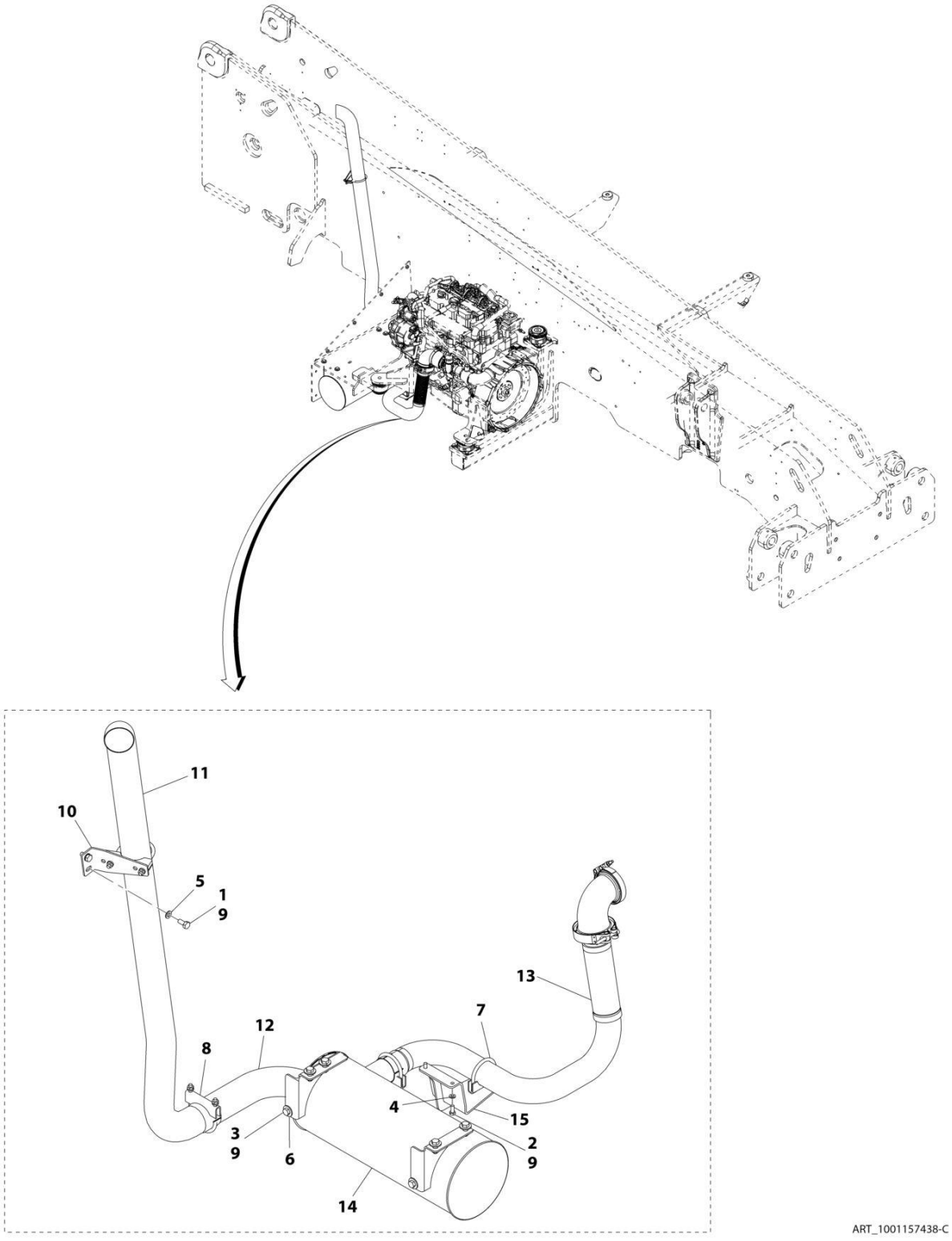
## FIGURE 4-35. EXHAUST SYSTEM INSTALLATION (ULS) - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 4-35. EXHAUST SYSTEM INSTALLATION (ULS) - 55KW (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236929 | Ref | Exhaust System Installation (ULS) - 55KW | D |
| 1 | 0761011 | 2 | Bolt, M10X22 | |
| 2 | 0760810 | 8 | Bolt, M8X20 | |
| 4 | 4811900 | 2 | Washer, M8 | |
| 5 | 4812000 | 2 | Washer, M10 | |
| 6 | 8275247 | 2 | Clamp, Muffler | |
| 7 | 1001095650 | AR | Compound, Locking | |
| 8 | 1001125286 | 1 | Bracket, Exhaust | |
| 9 | 1001146588 | 5 | Tie Strap | |
| 10 | 1001236926 | 1 | Pipe | |
| 11 | 1001236927 | 1 | Pipe | |
| 12 | 1001236928 | 1 | Pipe | |
| 13 | 1001237563 | 1 | Tube | |
| 14 | 1001246455 | 1 | Tube | |
| 16 | 1001237571 | 425 mm | Hose | |

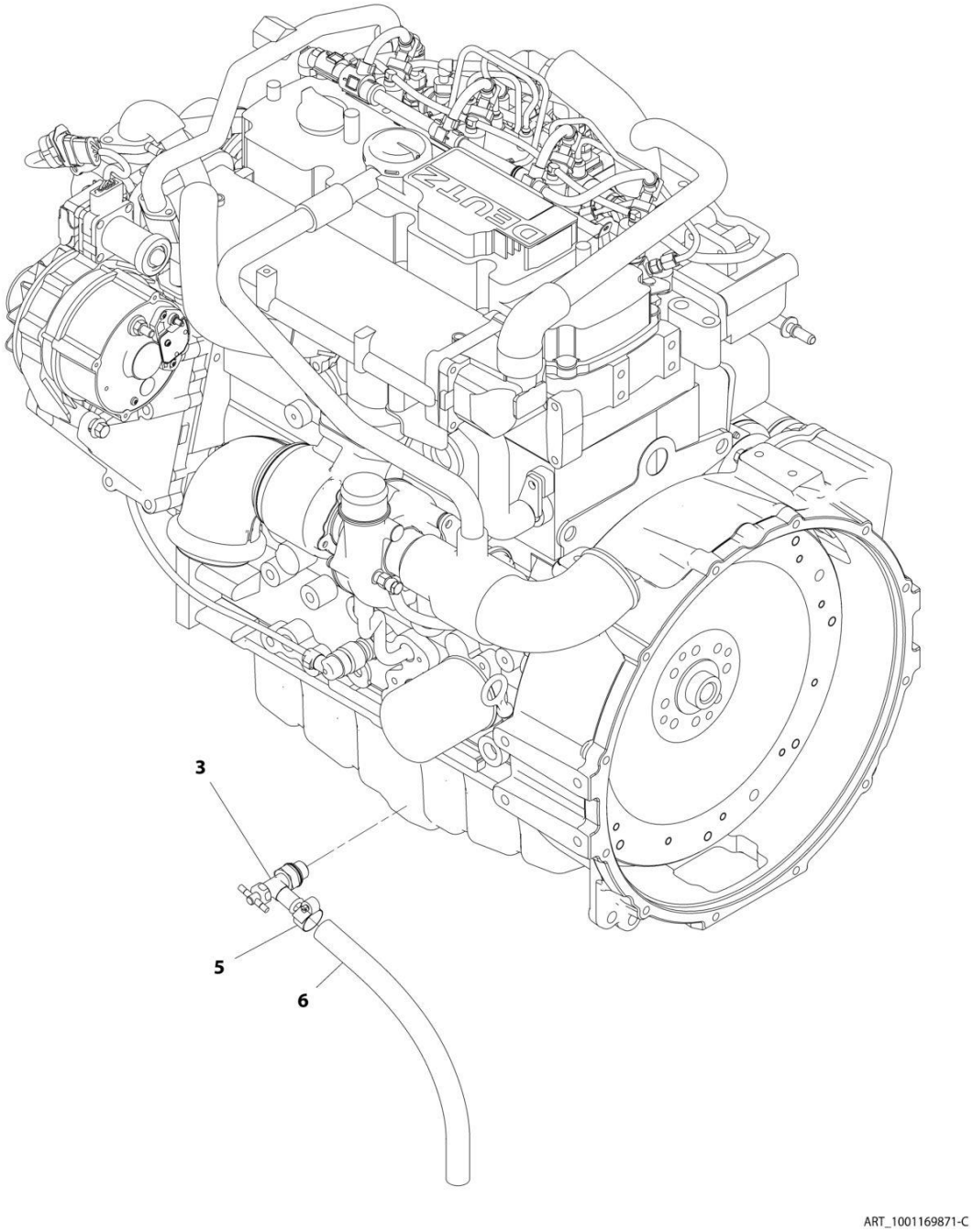
## FIGURE 4-36. EXHAUST SYSTEM INSTALLATION (LS)



## FIGURE 4-36. EXHAUST SYSTEM INSTALLATION (LS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001157438 | Ref | Exhaust System Installation (LS) | C |
| 1 | 0761011 | 2 | Bolt, M10X22 | |
| 2 | 0760810 | 2 | Bolt, M8X20 | |
| 3 | 0761014 | 6 | Bolt, M10X30 | |
| 4 | 4811900 | 2 | Washer, M8 | |
| 5 | 4812000 | 2 | Washer, M10 | |
| 6 | 4812002 | 6 | Washer, M10 | |
| 7 | 8275212 | 2 | Clamp, Muffler | |
| 8 | 8275247 | 3 | Clamp, Muffler | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 10 | 1001125286 | 1 | Bracket, Exhaust | |
| 11 | 1001141391 | 1 | Pipe, Exhaust | |
| 12 | 1001157018 | 1 | Pipe, Exhaust | |
| 13 | 1001157020 | 1 | Pipe, Exhaust, Flexible | |
| 14 | 1001157409 | 1 | Muffler | |
| 15 | 1001157434 | 1 | Bracket, Exhaust | |

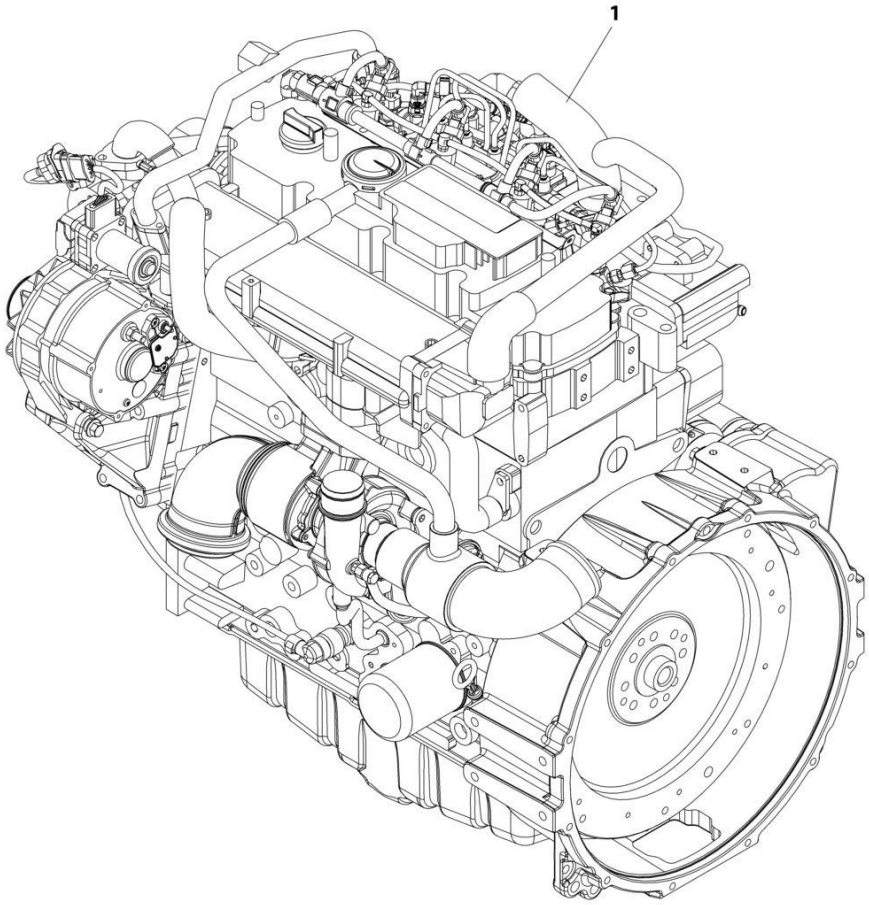
## FIGURE 4-37. ENGINE OIL DRAIN INSTALLATION



## FIGURE 4-37. ENGINE OIL DRAIN INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169871 | Ref | Engine Oil Drain Installation | C |
| 3 | 1001144669 | 1 | Oil Drain Valve | |
| 5 | 1001008609 | 1 | Clamp | |
| 6 | 1001187260 | 1 | Oil Drain Hose | |

**FIGURE 4-38. ENGINE INSTALLATION (SN 1160008519 through 1160008790)**

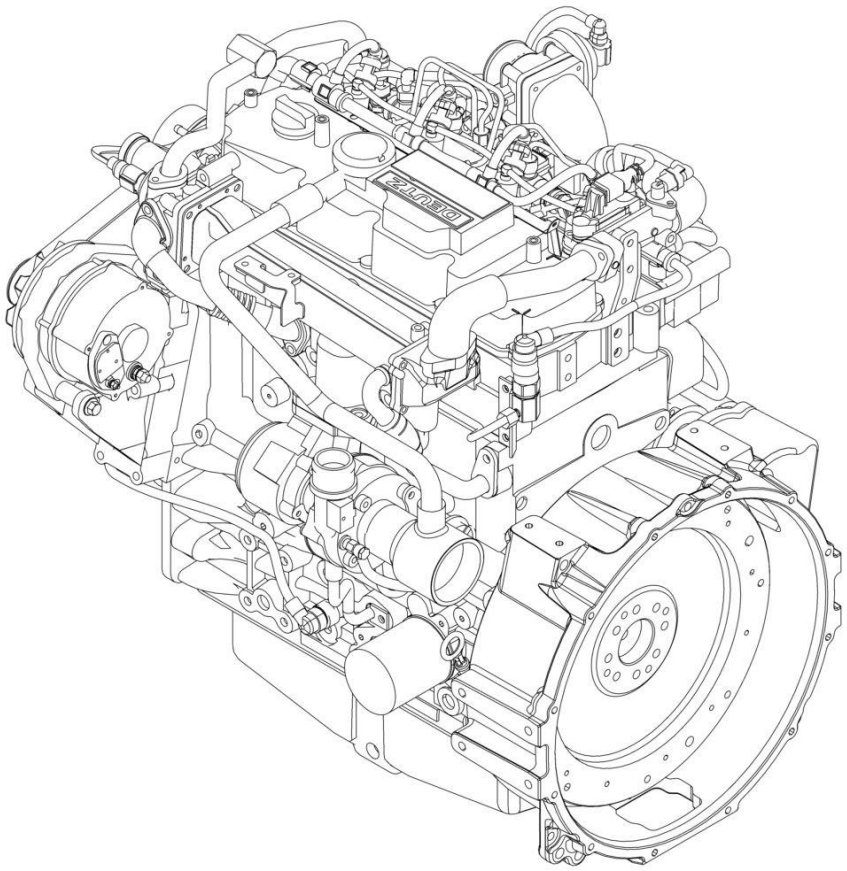



ART_1001203935-A

## FIGURE 4-38. ENGINE INSTALLATION (SN 1160008519 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001203935 | Ref | Engine Installation | A |
| 1 | 1001171222L | 1 | Engine, Deutz TCD 3.6 L4 (FOR ENGINE PARTS INFORMATION REFER TO DEUTZ ENGINE PARTS MANUAL 31211006 & 31211007) | E |
| 2 | 1001203952 | 1 | Flex Plate, (not shown) | |

## FIGURE 4-39. ENGINE, DEUTZ 55 KW



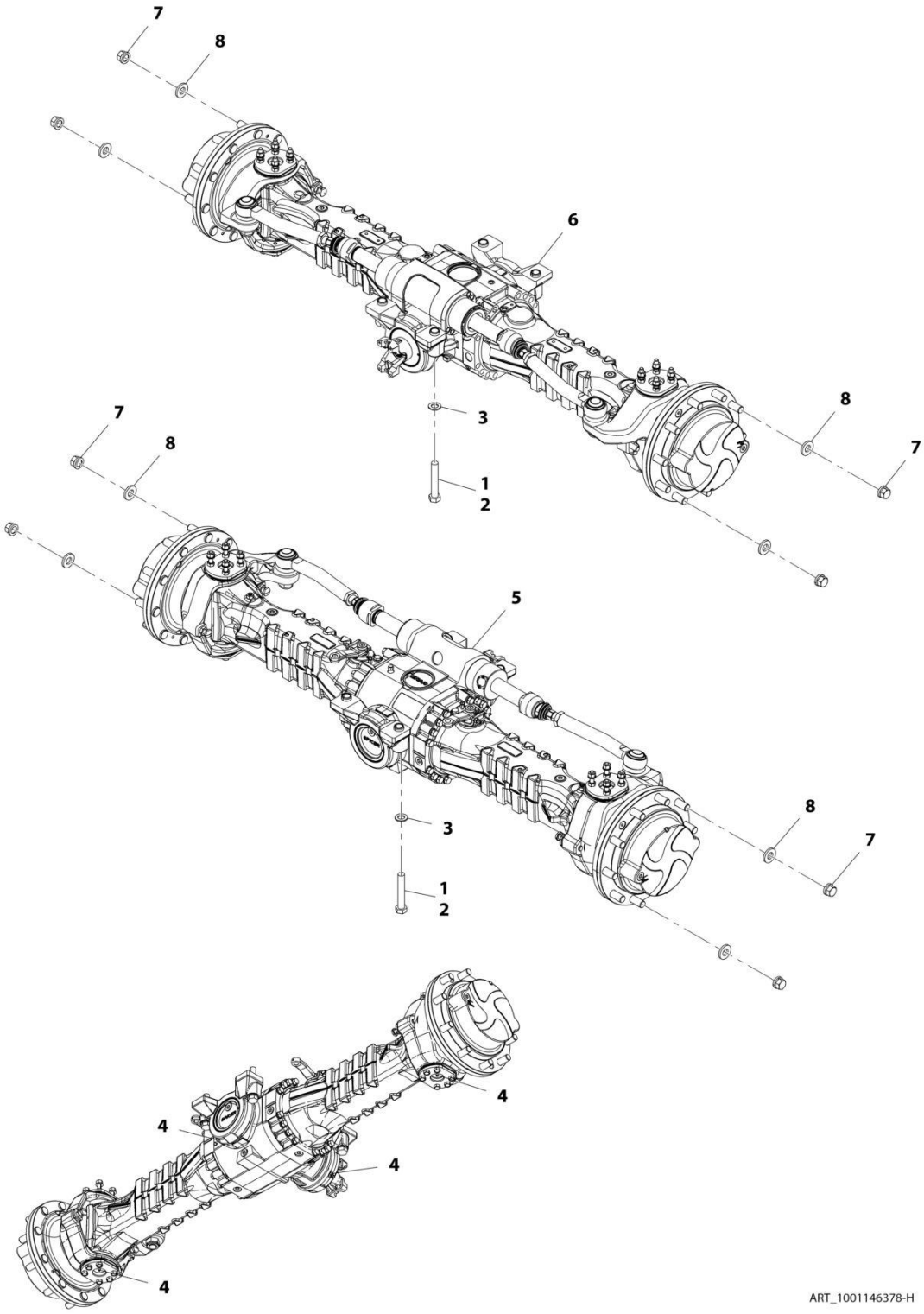
ART_1001236164-B

## FIGURE 4-39. ENGINE, DEUTZ 55 KW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236164 | Ref | Deutz Engine 55 KW | B |
| | 70024961 | 1 | Fuel Filter | |
| | 1001225430 | 1 | Fuel Filter | |
| | 70029438 | 1 | Assembly, Flywheel Housing | |
| | 70025765 | 1 | Oil Pan | |
| | 70005941 | 1 | Plug, Oil | |
| | 7020404 | 1 | Washer, Oil Pan | |
| | 70025535 | 1 | Starter | |
| | 70029440 | 1 | Plain Washer | |
| | 70102979 | 1 | Hex Nut | |
| | 7020465 | 1 | Cap, Filler | |
| | 70029435 | 1 | V-Ribbed Belt | |
| | 70025775 | 1 | Belt Pully | |
| | 70029477 | 1 | Fuel Filter | |
| | 1001225432 | 1 | Fuel Filter | |
| | 70025745 | 1 | Dipstick | |
| | 70028850 | 1 | Fuel Filter Plug | |
| | 7016331 | 1 | Spin-On Filter | |
| | 70024483 | 1 | Cylinder Head Gasket | |
| | 70024485 | 4 | Injector, Fuel | |
| | 70026011 | 1 | Pump, Water | |
| | 70024493 | 1 | Gasket | |
| | 70028540 | 1 | Temperature Sensor | |
| | 70028698 | 1 | Turbocharger | |
| | 70024480 | 1 | Gasket | |
| | 70026210 | 1 | Speed Sensor | |
| | 70028764 | 1 | Flywheel | |
| | 70025733 | 1 | V-Belt Pulley, Alternator | |

# SECTION 5 - DRIVETRAIN

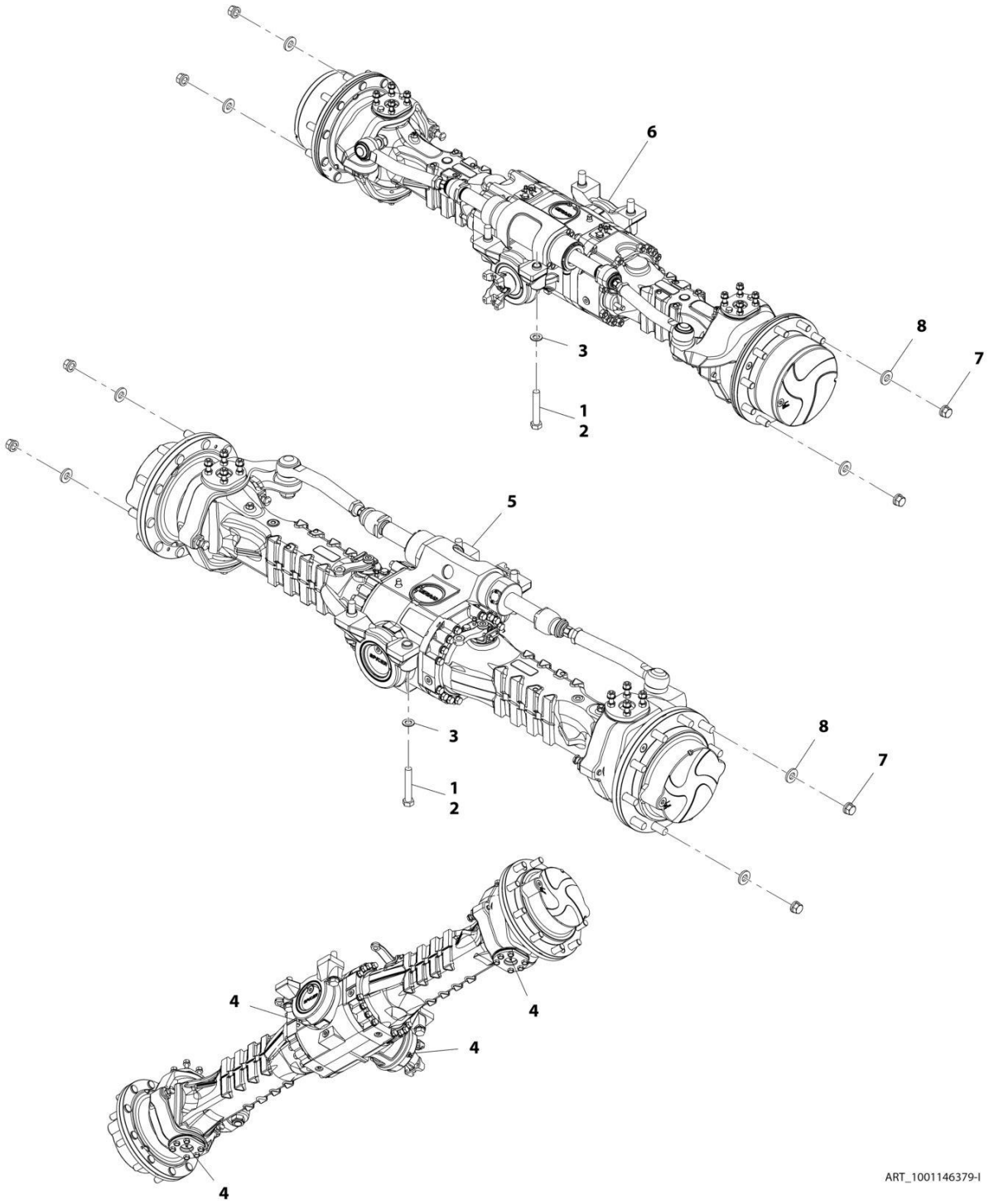
## FIGURE 5-1. AXLE INSTALLATION - 3614RS (74KW)



## FIGURE 5-1. AXLE INSTALLATION - 3614RS (74KW)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146378 | Ref | Axle Installation - 3614RS (74KW) | H |
| 1 | 1001198326 | AR | Compound, Locking | |
| 2 | 0712029 | 8 | Bolt, M20X120 | |
| 3 | 1001197130 | 8 | Washer, M20 | |
| 4 | 1001008462 | AR | Lube, Grease | |
| 5 | 1001135441 | 1 | Axle, Front (See FRONT AXLE - 3614RS for Breakdown) | |
| 6 | 1001135442 | 1 | Axle, Rear (See REAR AXLE - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |
| 7 | 3300479 | 40 | Nut, Wheel M22X1.5 | |
| 8 | 1001114802 | 40 | Washer | |

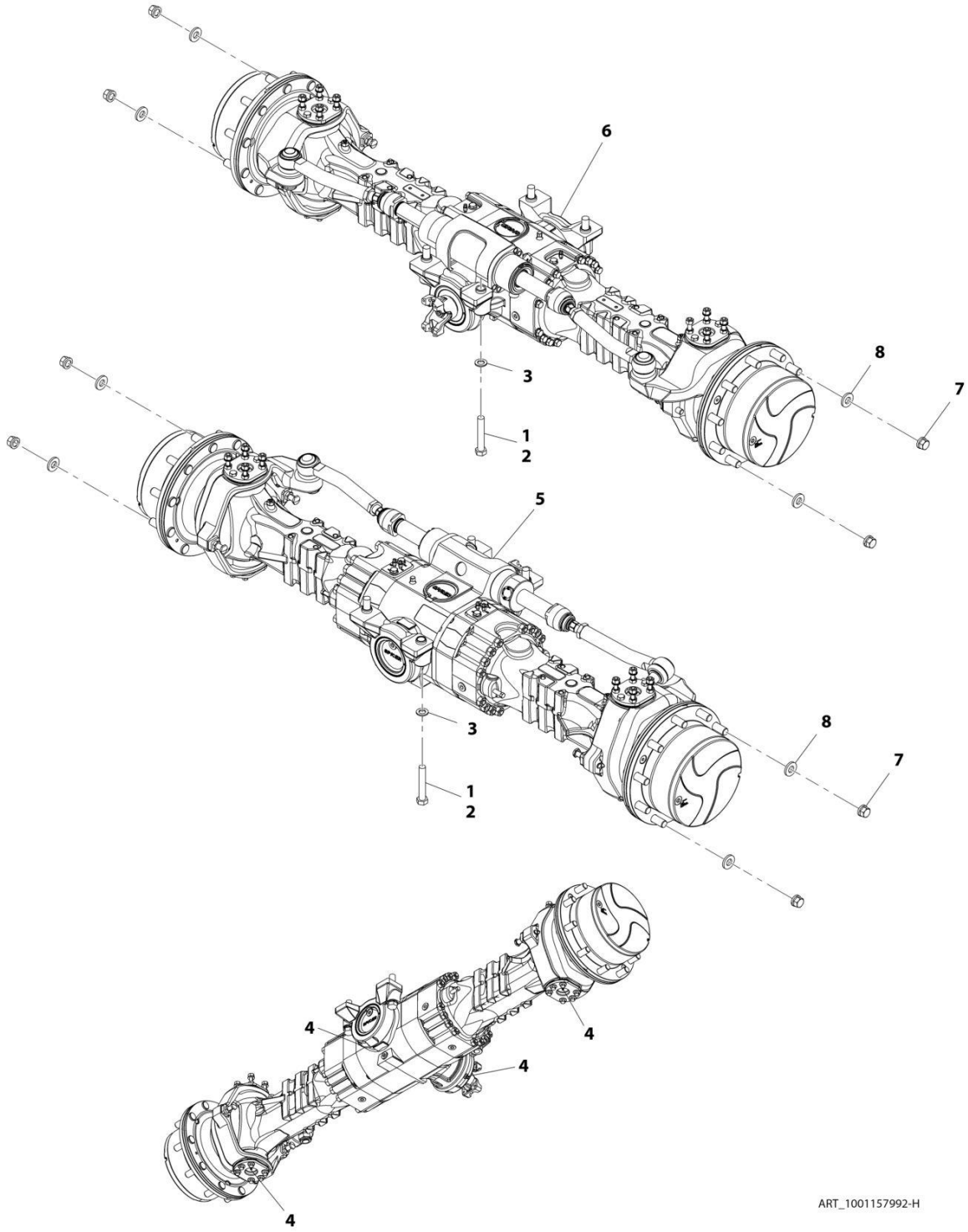
## FIGURE 5-2. AXLE INSTALLATION, (NO FOAM FILL) - 4017RS (74KW)



## FIGURE 5-2. AXLE INSTALLATION, (NO FOAM FILL) - 4017RS (74KW)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146379 | Ref | Axle Installation, (No Foam Fill) - 4017RS (74KW) | I |
| 1 | 1001198326 | AR | Compound, Locking | |
| 2 | 0712029 | 8 | Bolt, M20X120 | |
| 3 | 1001197130 | 8 | Washer, M20 | |
| 4 | 1001008462 | AR | Lube, Multipurpose Grease | |
| 5 | 1001135442 | 1 | Axle, Rear (See REAR AXLE - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |
| 6 | 1001144352 | 1 | Axle, Front (See FRONT AXLE - 4017RS for Breakdown) **(SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)** | |
| 6 | 1001182621 | 1 | Axle, Front (See FRONT AXLE - 4017RS for Breakdown) **(SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)** | |
| 7 | 3300479 | 40 | Nut, Wheel M22X1.5 | |
| 8 | 1001114802 | 40 | Washer | |

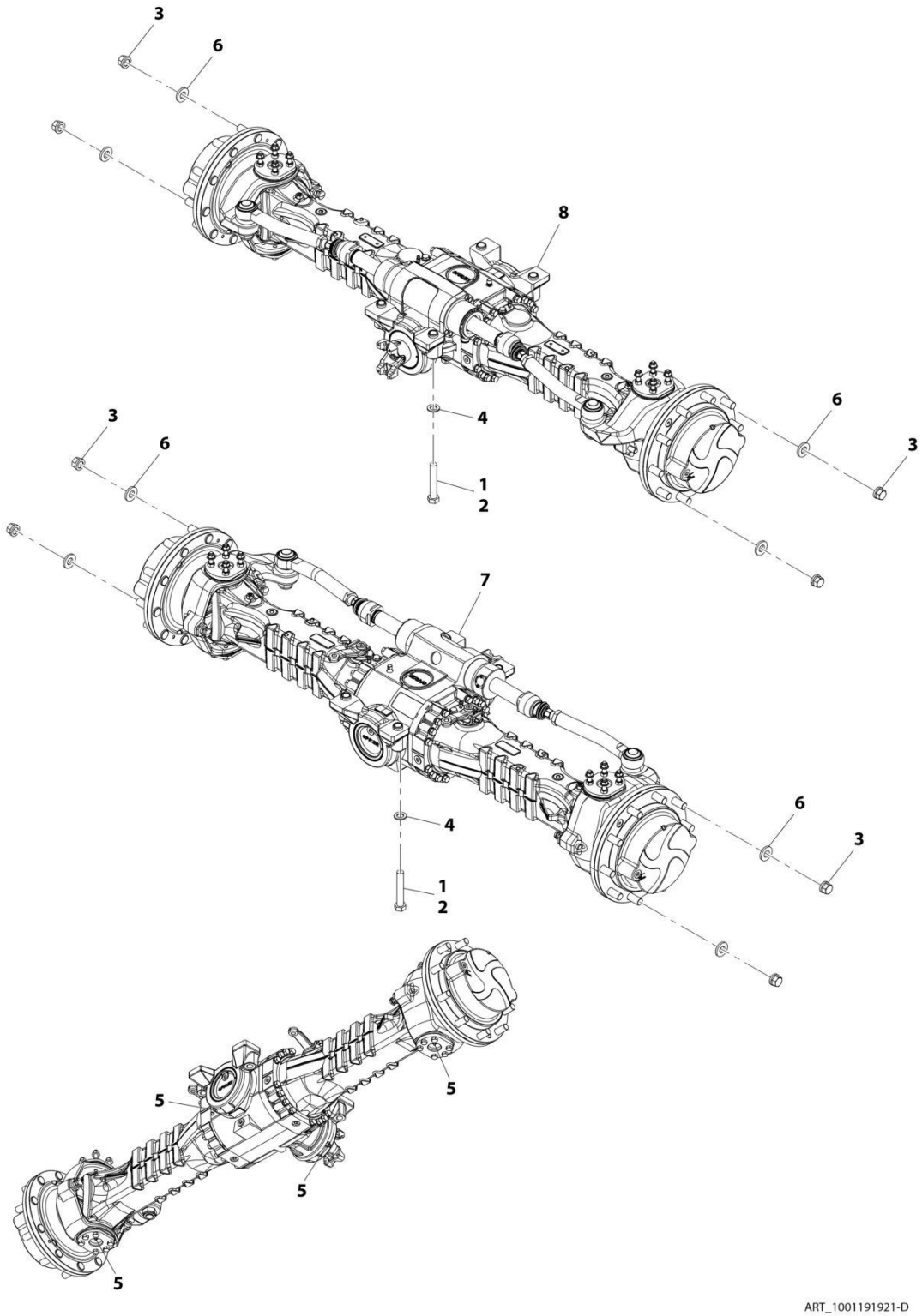
## FIGURE 5-3. AXLE INSTALLATION (FOAM FILL) - 4017RS (74KW)



## FIGURE 5-3. AXLE INSTALLATION (FOAM FILL) - 4017RS (74KW)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001157992 | 1 | Axle Installation (Foam Fill) - 4017RS (74KW) | H |
| 1 | 1001198326 | AR | Compound, Locking | |
| 2 | 0712029 | 8 | Bolt, M20X120 | |
| 3 | 1001197130 | 8 | Washer, M20 | |
| 4 | 1001008462 | AR | Lube, Multipurpose Grease | |
| 5 | 1001144352 | 1 | Axle, Front (See FRONT AXLE - 4017RS for Breakdown) **(SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)** | |
| 5 | 1001182621 | 1 | Axle, Front (See FRONT AXLE - 4017RS for Breakdown) **(SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)** | |
| 6 | 1001151718 | 1 | Axle, Rear (See REAR AXLE- 4017RS (FOAM FILL) for Breakdown) **(SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)** | |
| 6 | 1001182622 | 1 | Axle, Rear (See REAR AXLE- 4017RS (FOAM FILL) for Breakdown) **(SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)** | |
| 7 | 3300479 | 40 | Nut, Wheel M22X1.5 | |
| 8 | 1001114802 | 40 | Washer | |

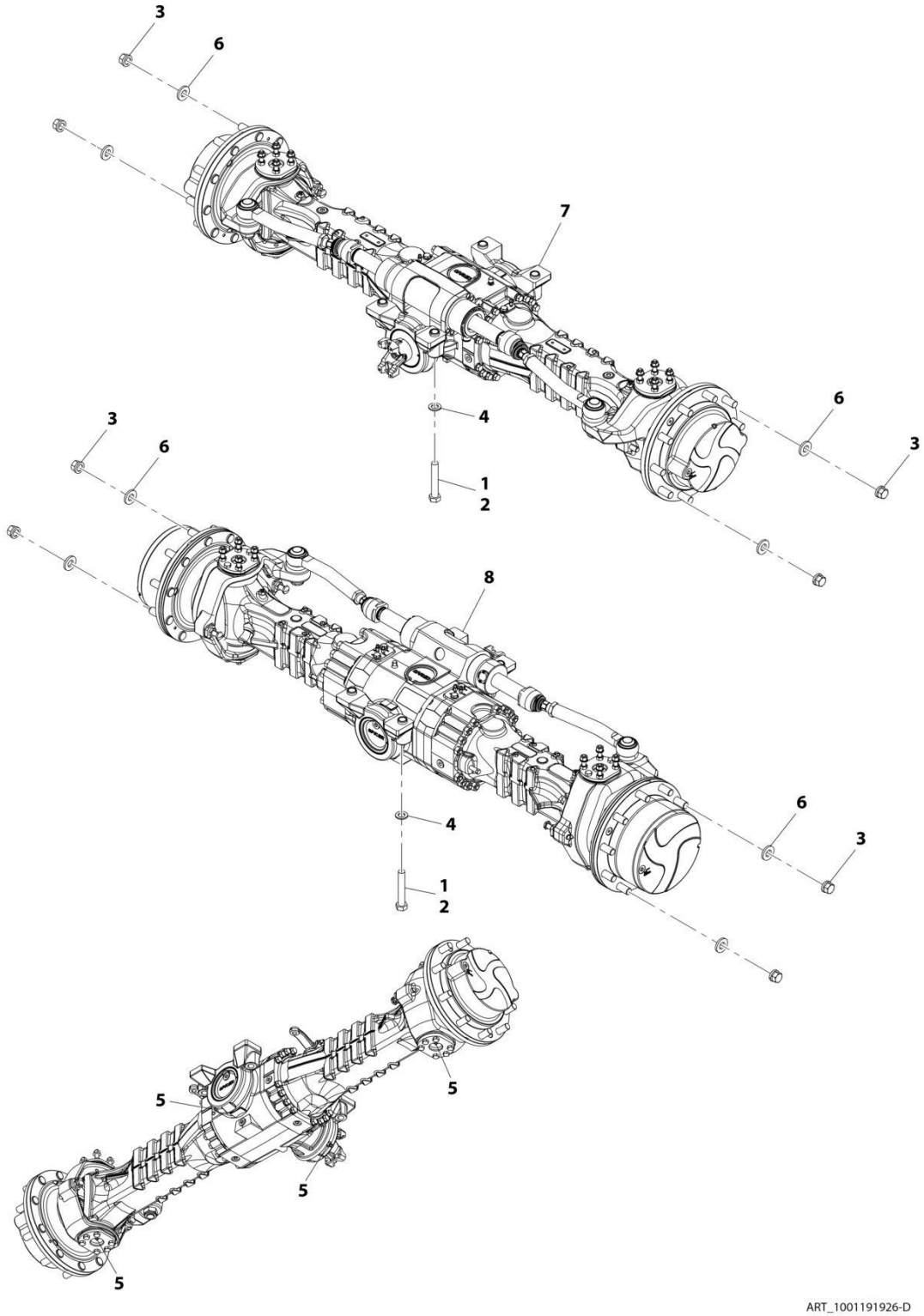
**FIGURE 5-4. AXLE INSTALLATION - 3614RS (55KW) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-4. AXLE INSTALLATION - 3614RS (55KW) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191921 | Ref | Axle Installation (55KW) | D |
| 1 | 1001198326 | AR | Compound, Locking | |
| 2 | 0712029 | 8 | Bolt, M20X120 | |
| 3 | 3300479 | 40 | Nut, Wheel M22X1.5 | |
| 4 | 1001197130 | 8 | Washer, M20 | |
| 5 | 1001008462 | AR | Lube, Grease | |
| 6 | 1001114802 | 40 | Washer | |
| 7 | 1001191919 | 1 | Axle, Front (See Separate Breakdown in this Section) | |
| 8 | 1001191920 | 1 | Axle, Rear (See Separate Breakdown in this Section) | |

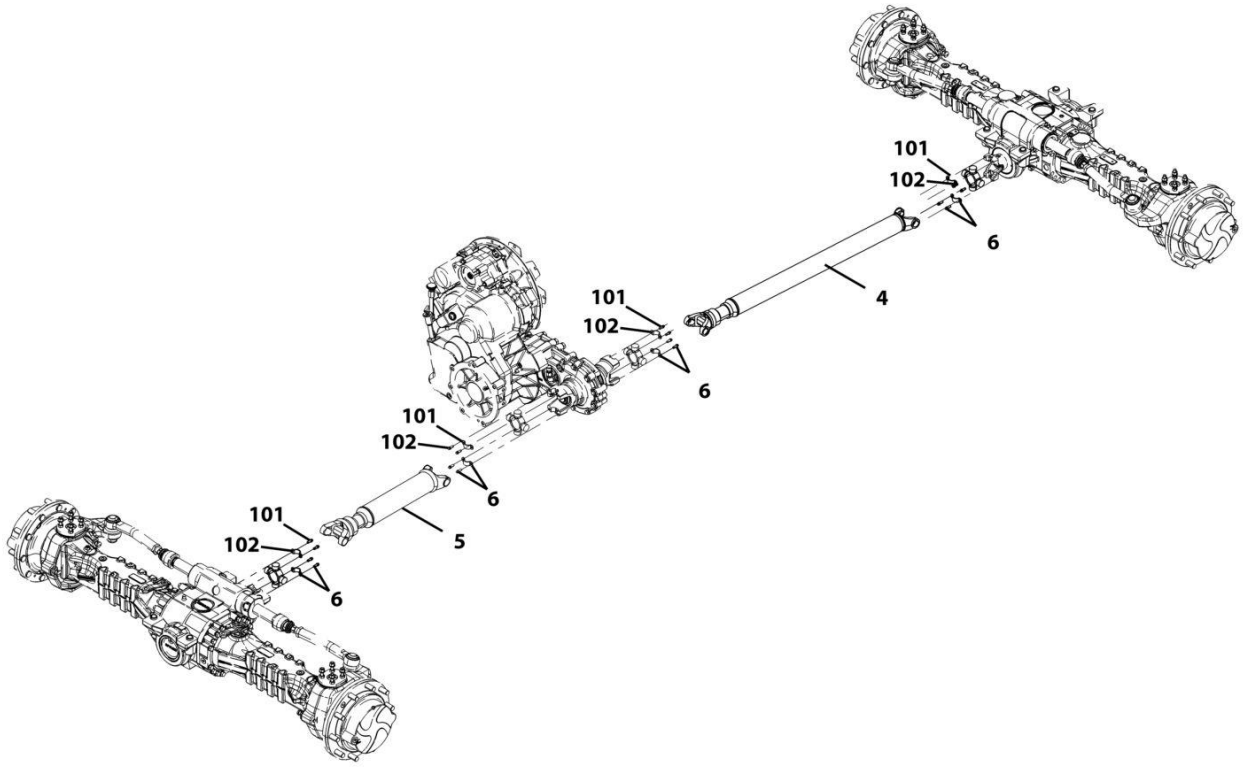
**FIGURE 5-5. AXLE INSTALLATION - 4017RS (55KW) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-5. AXLE INSTALLATION - 4017RS (55KW) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191926 | Ref | Axle Installation (55KW) | D |
| 1 | 1001198326 | AR | Compound, Locking | |
| 2 | 0712029 | 8 | Bolt, M20X120 | |
| 3 | 3300479 | 40 | Nut, Wheel M22X1.5 | |
| 4 | 1001197130 | 8 | Washer, M20 | |
| 5 | 1001008462 | AR | Lube, Grease | |
| 6 | 1001114802 | 40 | Washer | |
| 7 | 1001191920 | 1 | Axle, Rear (See Separate Breakdown in this Section) | |
| 8 | 1001191930 | 1 | Axle, Front (See Separate Breakdown in this Section) | |

**FIGURE 5-6. DRIVE SHAFT INSTALLATION - 3614RS**

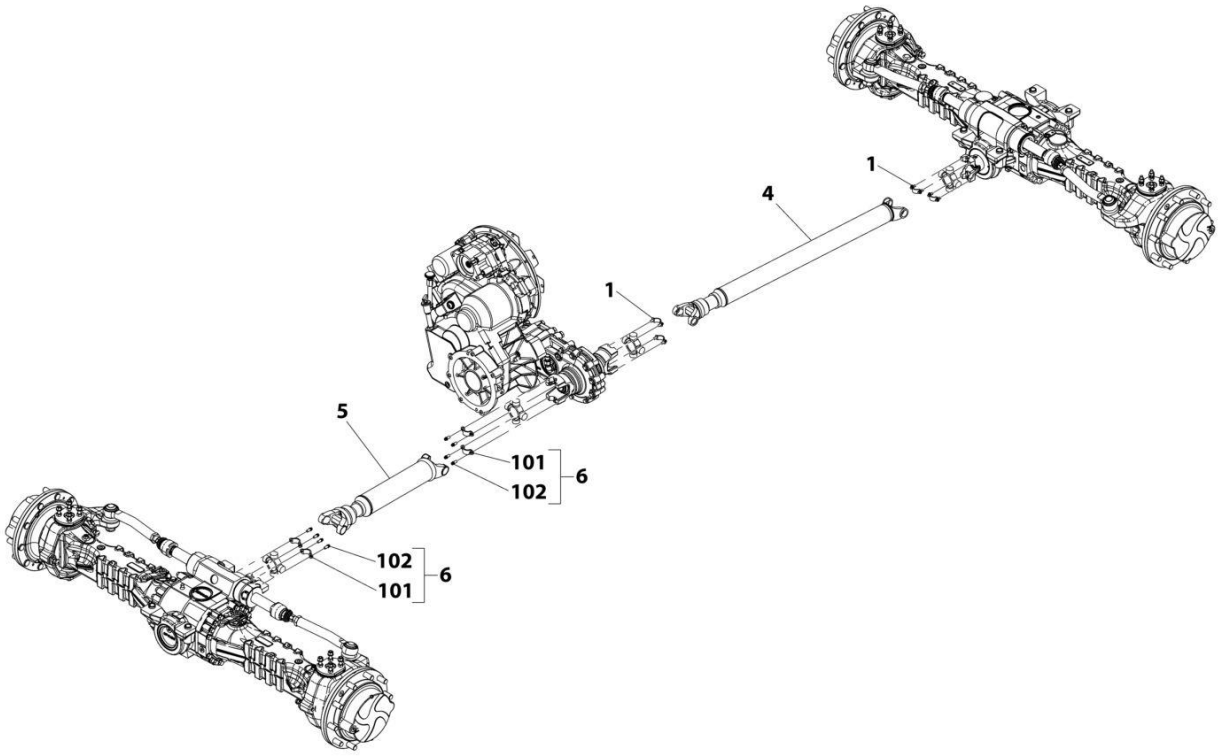



ART_1001144458-C

## FIGURE 5-6. DRIVE SHAFT INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144458 | 1 | Driveshaft Installation - 3614RS | C |
| 1 | 8005079 | 4 | Clampset | |
| 4 | 1001145432 | 1 | Shaft, Rear Drive | |
| 4 | 7029271 | 2 | Cross and Bearing Kit | |
| 5 | 1001145433 | 1 | Shaft, Front Drive | |
| 5 | 91474035 | 2 | Cross and Bearing Kit | |
| 6 | 8880218-OM | 2 | Kit, Strap (includes items 101 & 102) | |
| 101 | 8880216-OM | NLA | Strap, (no longer available, use 8880218-OM for replacement) | |
| 102 | 8880217-OM | NLA | Bolt, Strap 0.375-24X0.75, (no longer available, use 8880218-OM for replacement) | |

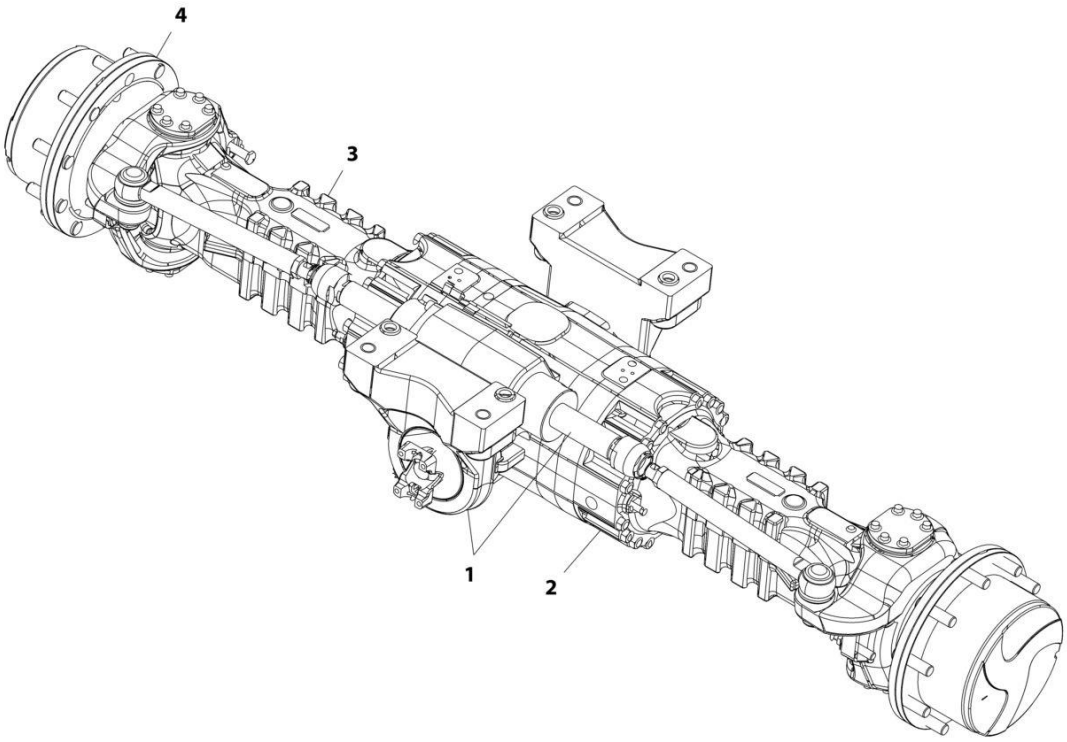
## FIGURE 5-7. DRIVE SHAFT INSTALLATION - 4017RS



## FIGURE 5-7. DRIVE SHAFT INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144459 | Ref | Driveshaft Installation - 4017RS | D |
| 1 | 8005079 | 4 | Clampset | |
| 4 | 1001137323 | 1 | Shaft, Rear Drive | |
| 4 | 7029271 | 2 | Cross and Bearing Kit | |
| 5 | 1001146399 | 1 | Shaft, Front Drive | |
| 5 | 91474035 | 2 | Cross and Bearing Kit | |
| 6 | 8880218-OM | 2 | Kit, Strap, (includes items 101 & 102) | |
| 101 | 8880216-OM | NLA | Strap, (no longer available, use 8880218-OM for replacement) | |
| 102 | 8880217-OM | NLA | Bolt, Strap 0.375-24x0.75, (no longer available, use 8880218-OM for replacement) | |

**FIGURE 5-8. FRONT AXLE - 3614RS**

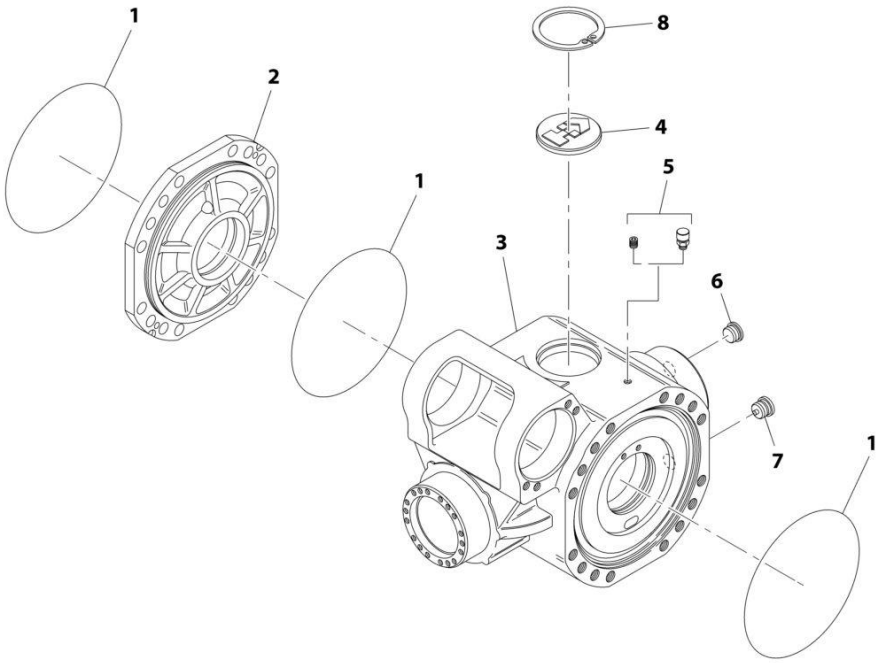



ART_1001135441-C

## FIGURE 5-8. FRONT AXLE - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001135441 | Ref | Front Axle - 3614RS | C |
| 1 | | Ref | Front Axle, Central Housing (See FRONT AXLE, CENTRAL HOUSING - 3614RS for Breakdown) | |
| 2 | | Ref | Front Axle, Differential - 3614RS (See FRONT AXLE, DIFFERENTIAL - 3614RS for Breakdown) | |
| 3 | | Ref | Front Axle, Hub Reduction - 3614RS (See FRONT AXLE, HUB REDUCTION -3614RS for Breakdown) | |
| 4 | | Ref | Front Axle, Brakes - 3614RS (See FRONT AXLE, BRAKES - 3614RS for Breakdown) | |
| 5 | | Ref | Front Axle, Steering - 3614RS (See FRONT AXLE, STEERING - 3614RS for Breakdown) | |
| 6 | | Ref | Front Axle, Trunion - 3614RS (See FRONT AXLE, TRUNION - 3614RS for Service) | |

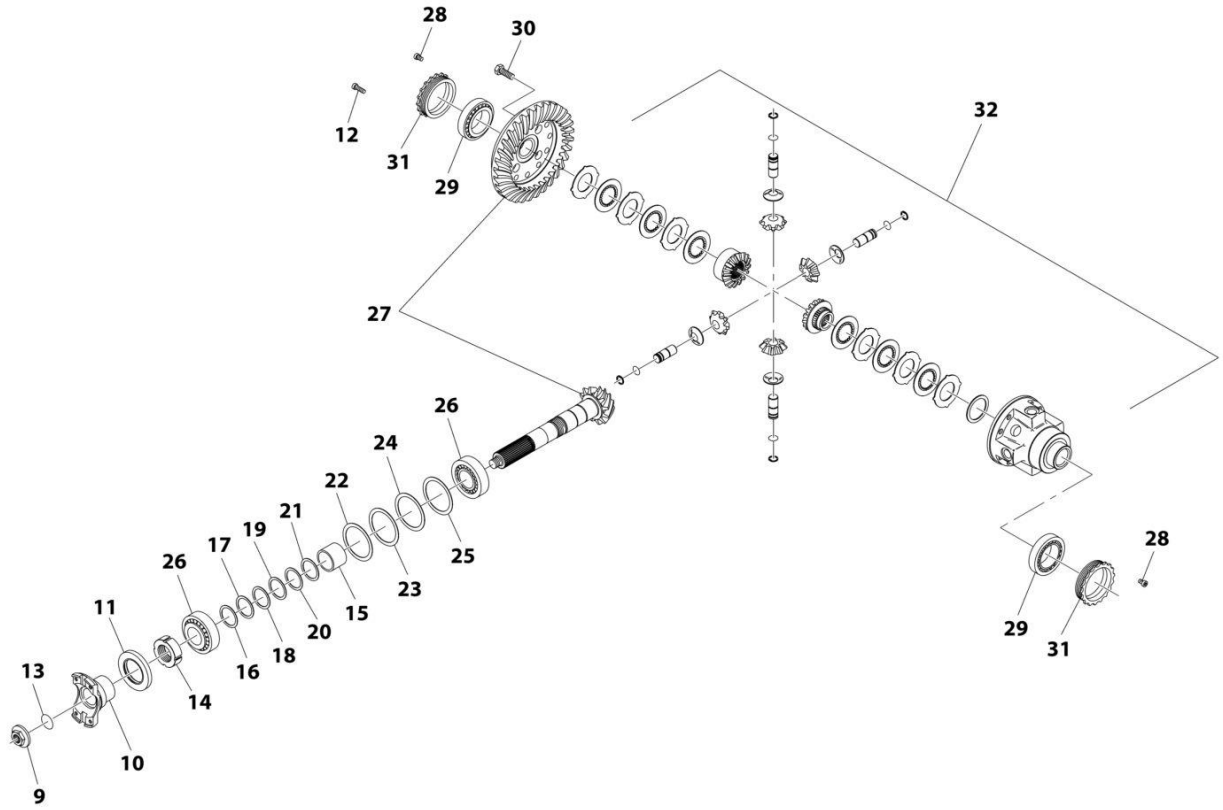
## FIGURE 5-9. FRONT AXLE, CENTRAL HOUSING - 3614RS



## FIGURE 5-9. FRONT AXLE, CENTRAL HOUSING - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024519 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Plug, Magnet | |
| 8 | 80204005 | 1 | Circlip | |

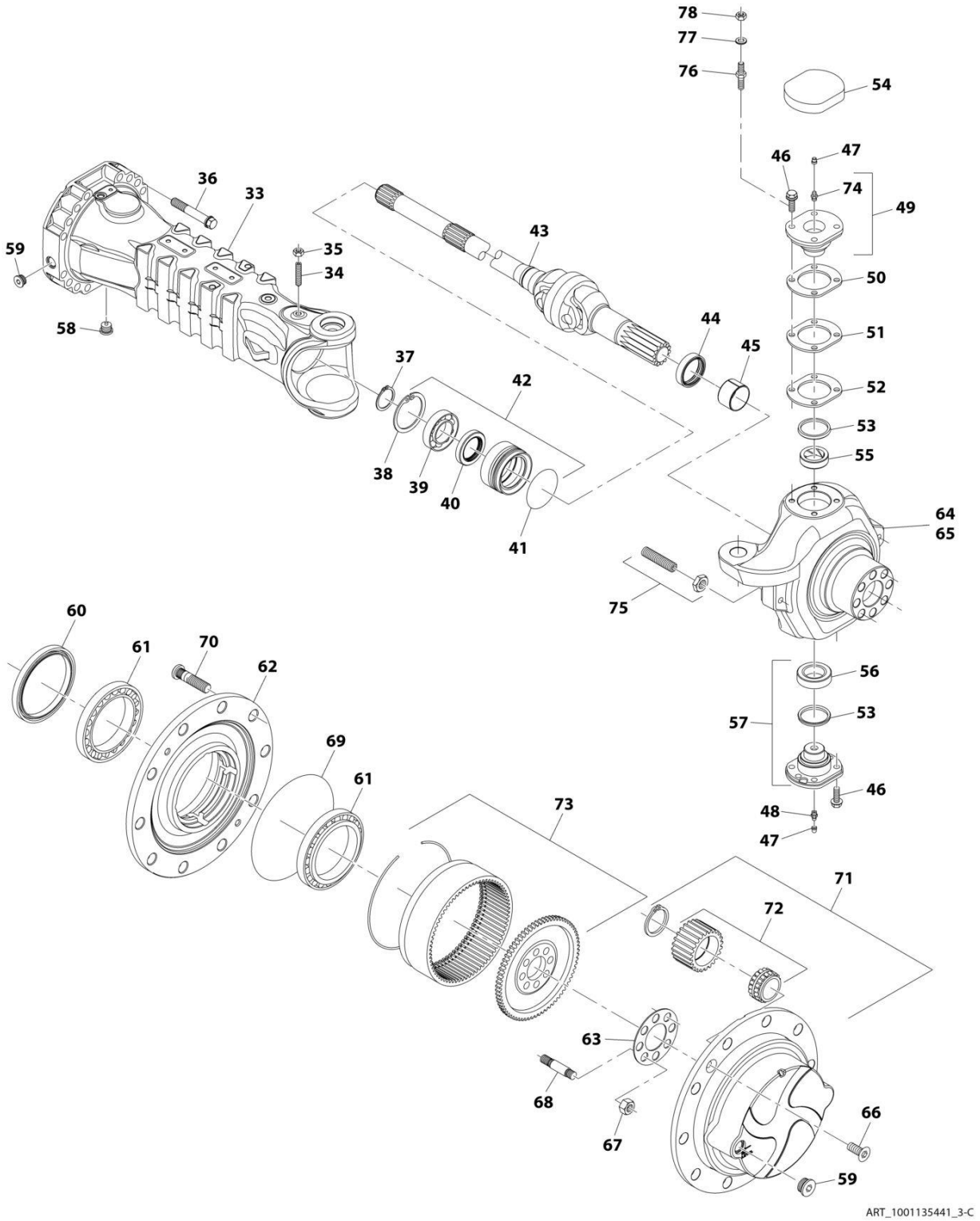
## FIGURE 5-10. FRONT AXLE, DIFFERENTIAL - 3614RS



## FIGURE 5-10. FRONT AXLE, DIFFERENTIAL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 70026631 | 1 | Nut | |
| 10 | 70022797 | 1 | Flange | |
| 11 | 91474532 | 1 | Seal | |
| 12 | 91474591 | 4 | Bolt | |
| 13 | 91474529 | 1 | O-Ring | |
| 14 | 91474533 | 1 | Nut, Ring | |
| 15 | 91474539 | 1 | Spacer | |
| 16 | 91474535 | 1 | Shim | |
| 17 | 91474536 | 1 | Shim | |
| 18 | 91474537 | 1 | Shim | |
| 19 | 91474538 | 1 | Shim | |
| 20 | 70024520 | 1 | Shim | |
| 21 | 70024521 | 1 | Shim | |
| 22 | 91474540 | 1 | Shim | |
| 23 | 91474541 | 1 | Shim | |
| 24 | 91474542 | 1 | Shim | |
| 25 | 91474543 | 1 | Shim | |
| 26 | 3968141 | 2 | Bearing, Taper Roller | |
| 27 | 70025547 | 1 | Set, Bevel Gear | |
| 28 | 91514134 | 2 | Bolt | |
| 29 | 70026031 | 2 | Bearing, Taper Roller | |
| 30 | 91514123 | 12 | Bolt | |
| 31 | 91474547 | 2 | Nut, Ring | |
| 32 | 7028710 | 1 | Differential Kit, (See Separate Breakdown in this Section) | |

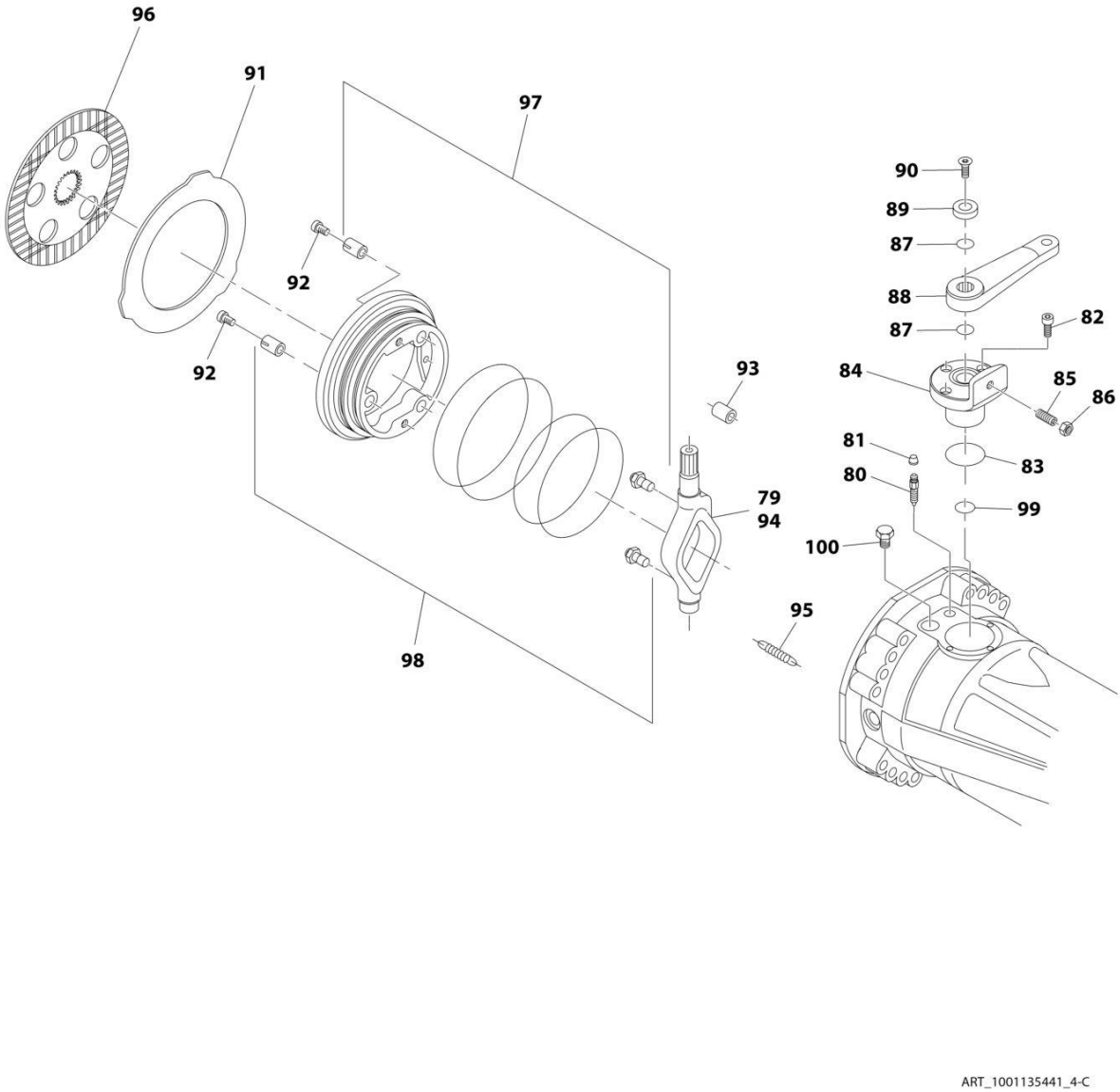
## FIGURE 5-11. FRONT AXLE, HUB REDUCTION - 3614RS



## FIGURE 5-11. FRONT AXLE, HUB REDUCTION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 8007758 | 2 | Case, Axle | |
| 34 | 2400600 | 2 | Bolt | |
| 35 | 91514082 | 2 | Nut | |
| 36 | 7029428 | 32 | Bolt | |
| 37 | 80204071 | 2 | Circlip | |
| 38 | 80204005 | 2 | Circlip | |
| 39 | 91514146 | 2 | Bearing, Ball | |
| 40 | 91514147 | 2 | Seal | |
| 41 | 91514148 | 2 | O-Ring | |
| 42 | 91514149 | 2 | Bushing, Reduction | |
| 43 | 70025928 | 2 | Joint, Double Universal | |
| 44 | 8007771 | 2 | Seal | |
| 45 | 8004468 | 1 | Bushing, Thrust | |
| 46 | 70025562 | 12 | Bolt | |
| 47 | 80204117 | 4 | Plug | |
| 48 | 91514099 | 2 | Fitting, Grease | |
| 49 | 70025567 | 2 | Pin, Pivot | |
| 50 | 8007779 | 2 | Shim | |
| 51 | 8007780 | 2 | Shim | |
| 52 | 8007782 | 2 | Shim | |
| 53 | 2401043 | 4 | Seal | |
| 54 | 70025549 | 2 | Cover | |
| 55 | 70020173 | 2 | Bushing | |
| 56 | 2401258 | 2 | Bearing | |
| 57 | 8006605 | 2 | Pin, Pivot | |
| 58 | 91474513 | 2 | Plug, Magnet | |
| 59 | 91514188 | 4 | Plug | |
| 60 | 7029430 | 2 | Seal | |
| 61 | 3984301 | 4 | Bearing | |
| 62 | 8005801 | 2 | Wheel Hub | |
| 63 | 3983731 | 2 | Locking Plate | |
| 64 | 8007774 | 1 | Steering Case Kit LH | |
| 65 | 8007777 | 1 | Steering Case Kit RH | |
| 66 | 91514189 | 4 | Bolt, Countersunk | |
| 67 | 91474584 | 16 | Nut | |
| 68 | 70027315 | 16 | Stud | |
| 69 | 80204002 | 2 | O-Ring | |
| 70 | 8000877 | 20 | Stud, Wheel | |
| 71 | 7029431 | 2 | Assembly, Planet Gear Carrier (includes items 35, 36 & 41) | |
| 72 | 70023900 | 8 | Assembly, Planet Gear and Bearing | |
| 73 | 7029432 | 2 | Assembly, Ring Gear Support (includes items 33, 34 & 44) | |
| 74 | 7028115 | 2 | Fitting, Grease | |
| 75 | 7028733 | 4 | Assembly, Steering Adjust Bolt (includes items 45 & 46) | |
| 76 | 70025819 | 8 | Stud | |
| 77 | 91514119 | 8 | Washer | |
| 78 | 91514120 | 8 | Nut | |

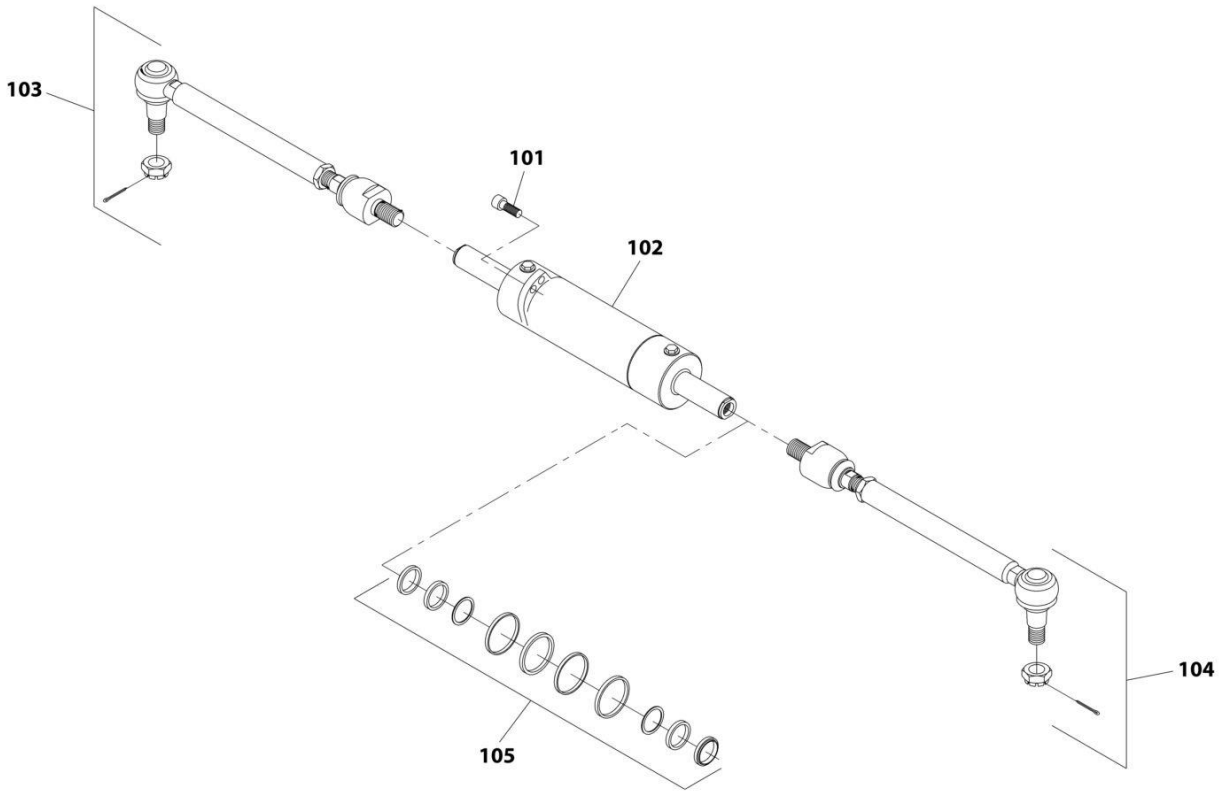
## FIGURE 5-12. FRONT AXLE, BRAKES - 3614RS



## FIGURE 5-12. FRONT AXLE, BRAKES - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 79 | 8007785 | 1 | Lever, Right | |
| 80 | 80204281 | 2 | Bolt, Bleeding | |
| 81 | 80204117 | 2 | Plug | |
| 82 | 2401736 | 6 | Bolt, Cylinder | |
| 83 | 3986405 | 2 | O-Ring | |
| 84 | 70027106 | 2 | Reduction Bushing | |
| 85 | 8002798 | 2 | Grub Bolt | |
| 86 | 8008168 | 2 | Nut | |
| 87 | 7028038 | 2 | O-Ring | |
| 88 | 70025568 | 2 | Lever | |
| 89 | 7028039 | 2 | Washer | |
| 90 | 8008169 | 2 | Bolt, Countersunk | |
| 91 | 70025823 | 10 | Disc, Intermediate Brake | |
| 92 | 7029785 | 6 | Bolt, Adjusting | |
| 93 | 7029433 | 2 | Dowel | |
| 94 | 8007786 | 1 | Lever | |
| 95 | 3984425 | 6 | Spring | |
| 96 | 91474568 | 8 | Disc | |
| 97 | 70026069 | 1 | Kit Piston | |
| 98 | 70026068 | 1 | Kit Piston | |
| 99 | 8007802 | 2 | O-Ring | |
| 100 | 91514154 | 2 | Bolt | |

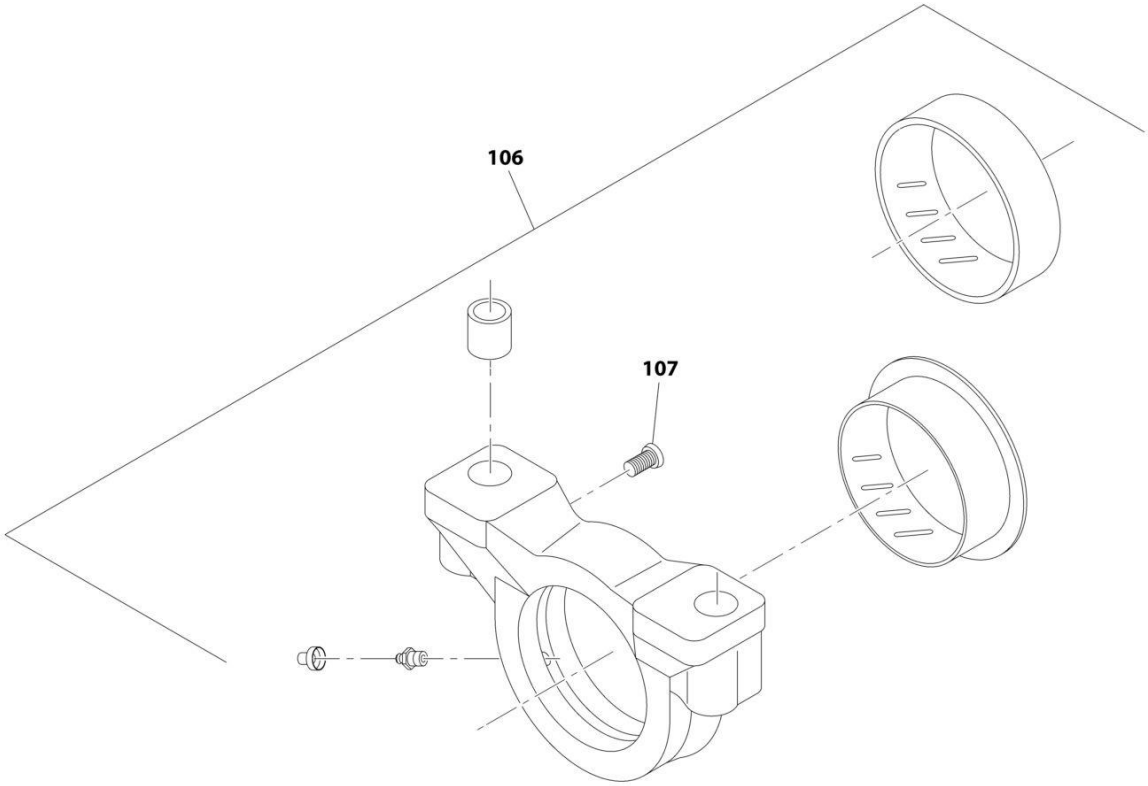
## FIGURE 5-13. FRONT AXLE, STEERING - 3614RS



## FIGURE 5-13. FRONT AXLE, STEERING - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 91474522 | 4 | Bolt | |
| 102 | 70025566 | 1 | Cylinder | |
| 103 | 70026752 | 1 | Bar | |
| 103 | 70022773 | 1 | Nut | |
| 104 | 70026751 | 1 | Bar | |
| 104 | 70022773 | 1 | Nut | |
| 105 | 70025842 | 1 | Seal Kit | |

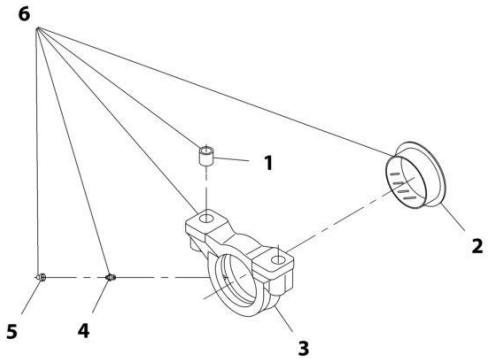
## FIGURE 5-14. FRONT AXLE, TRUNION - 3614RS



## FIGURE 5-14. FRONT AXLE, TRUNION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 106 | 70026630 | 2 | Trunion Kit | |
| 107 | 70025884 | 2 | Bolt | |

## FIGURE 5-15. FRONT AXLE, TRUNION KIT - 3614RS

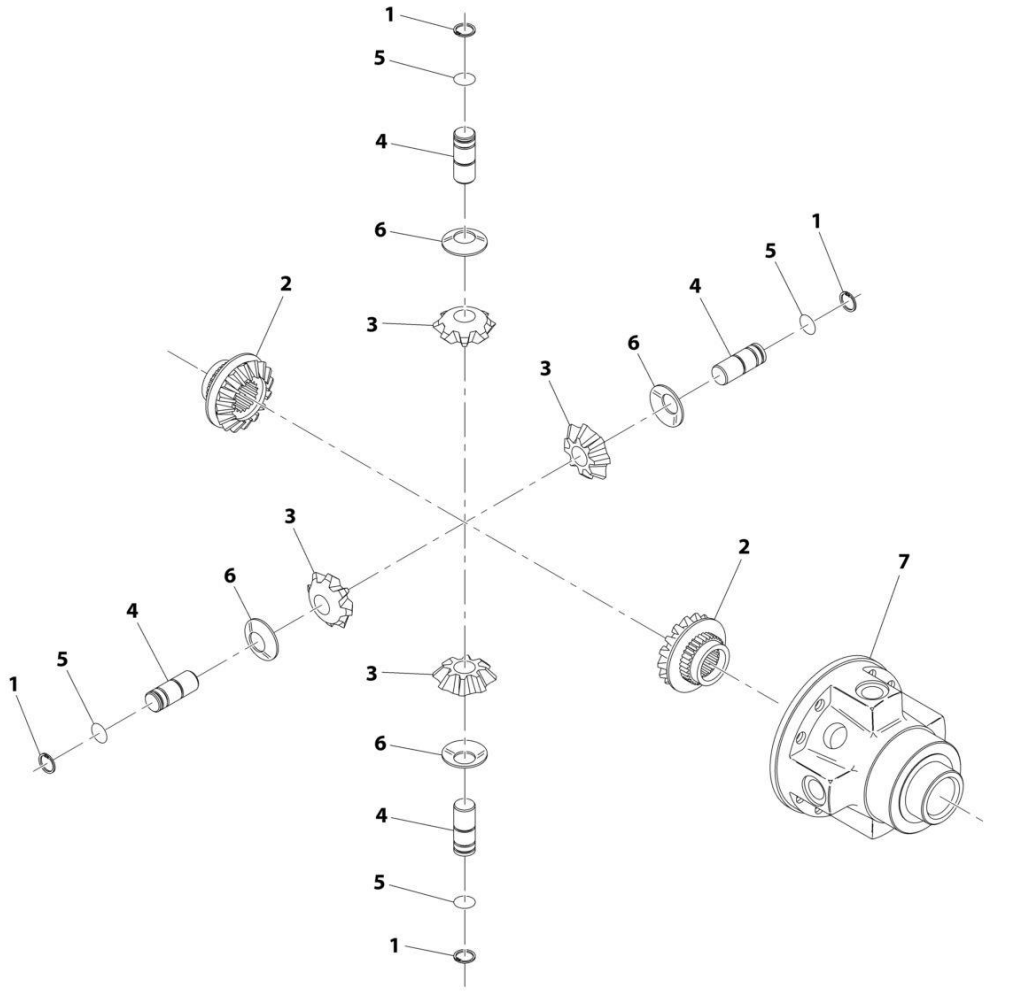



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## FIGURE 5-15. FRONT AXLE, TRUNION KIT - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474516 | 1 | Bushing, Reduction | |
| 2 | 91474515 | 1 | Bushing, Thrust | |
| 3 | 7028083 | 1 | Support | |
| 4 | 91514099 | 1 | Fitting, Grease | |
| 5 | 80204117 | 1 | Plug | |
| 6 | 7028084 | 1 | Support | |

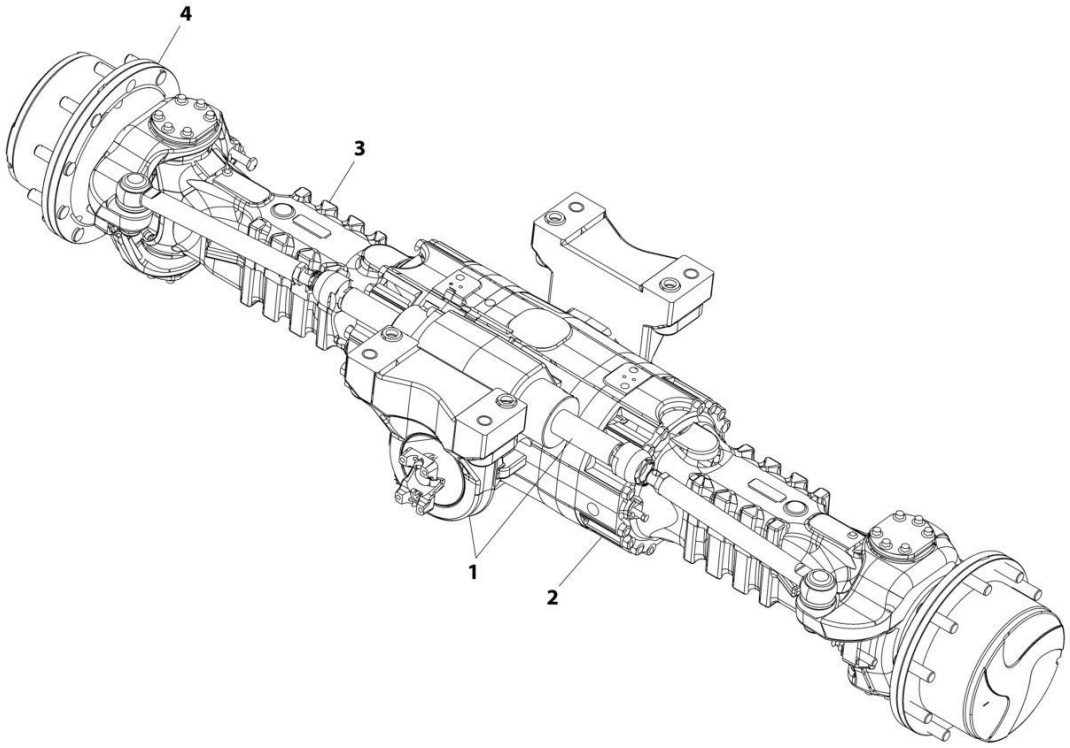
## FIGURE 5-16. DIFFERENTIAL KIT



## FIGURE 5-16. DIFFERENTIAL KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028710 | Ref | Differential Kit | |
| 1 | 91474550 | 4 | Circlip | |
| 2 | 91474549 | 2 | Gear, Differential Side | |
| 3 | 7029129 | 4 | Pinion, Differential | |
| 4 | 7029131 | 4 | Pin | |
| 5 | 91474551 | 4 | Circlip | |
| 6 | 91474553 | 4 | Washer, Friction | |
| 7 | 8007751 | 1 | Carrier, Differential | |

**FIGURE 5-17. FRONT AXLE - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)**

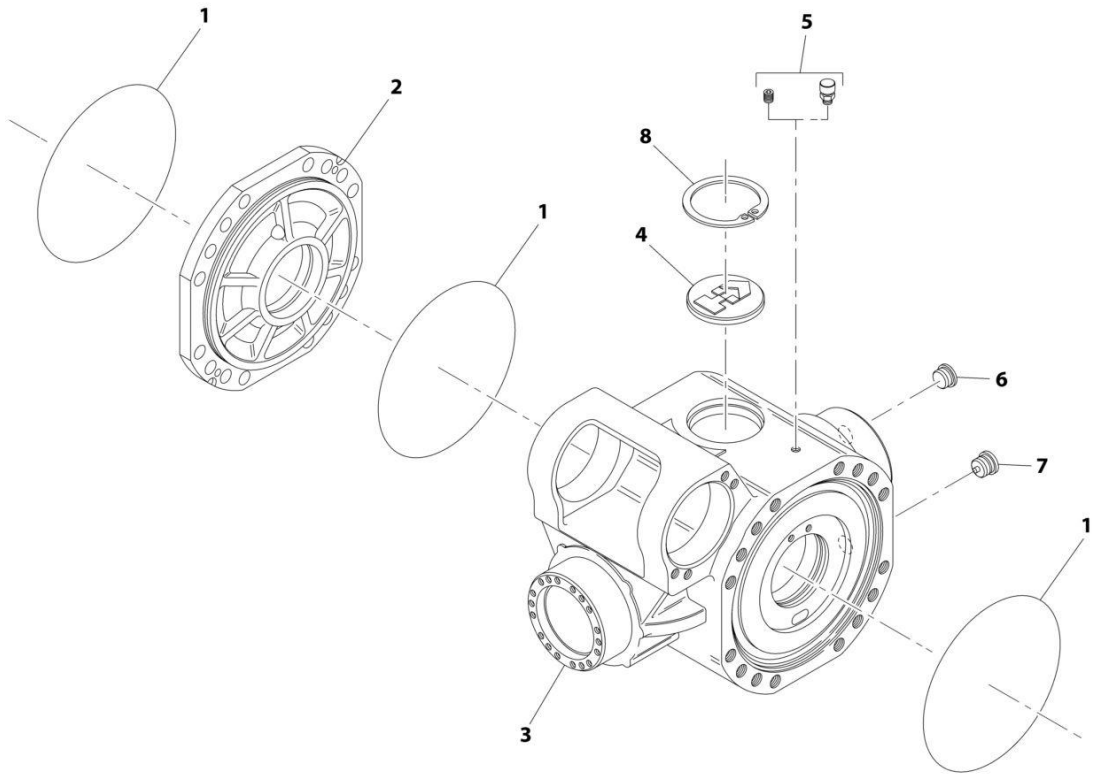



ART_1001144352-D

## FIGURE 5-17. FRONT AXLE - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144352 | Ref | Front Axle - 4017RS | D |
| 1 | | Ref | Front Axle, Central Housing - 4017RS (See FRONT AXLE, CENTRAL HOUSING - 4017RS for Breakdown) | |
| 2 | | Ref | Front Axle, Differential - 4017RS (See FRONT AXLE, DIFFERENTIAL - 4017RS for Breakdown) | |
| 3 | | Ref | Front Axle, Hub Reduction - 4017RS (See FRONT AXLE, HUB REDUCTION - 4017RS for Breakdown) | |
| 4 | | Ref | Front Axle, Brakes - 4017RS (See FRONT AXLE, BRAKES - 4017RS for Breakdown) | |
| 5 | | Ref | Front Axle, Steering - 4017RS (See FRONT AXLE, STEERING - 4017RS for Breakdown) (not shown) | |
| 6 | | Ref | Front Axle, Trunion - 4017RS (See FRONT AXLE, TRUNION - 4017RS for Breakdown) (not shown) | |

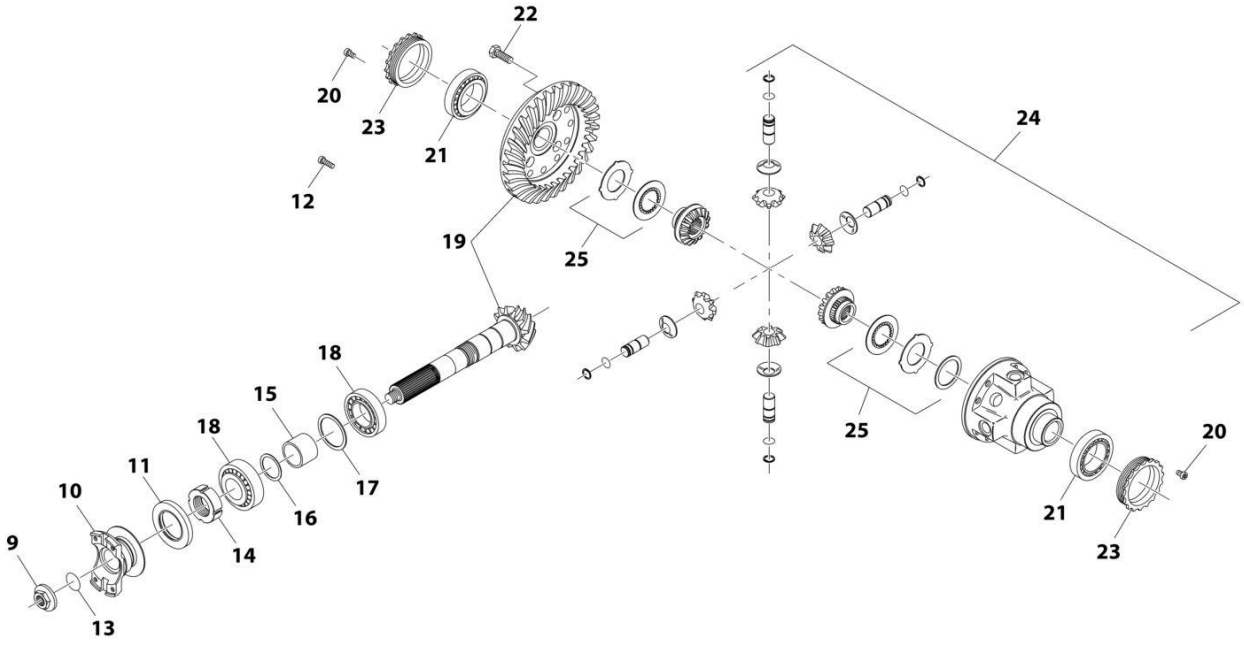
## FIGURE 5-18. FRONT AXLE, CENTRAL HOUSING - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-18. FRONT AXLE, CENTRAL HOUSING - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024872 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Plug, Magnet | |
| 8 | 80204005 | 1 | Circlip | |

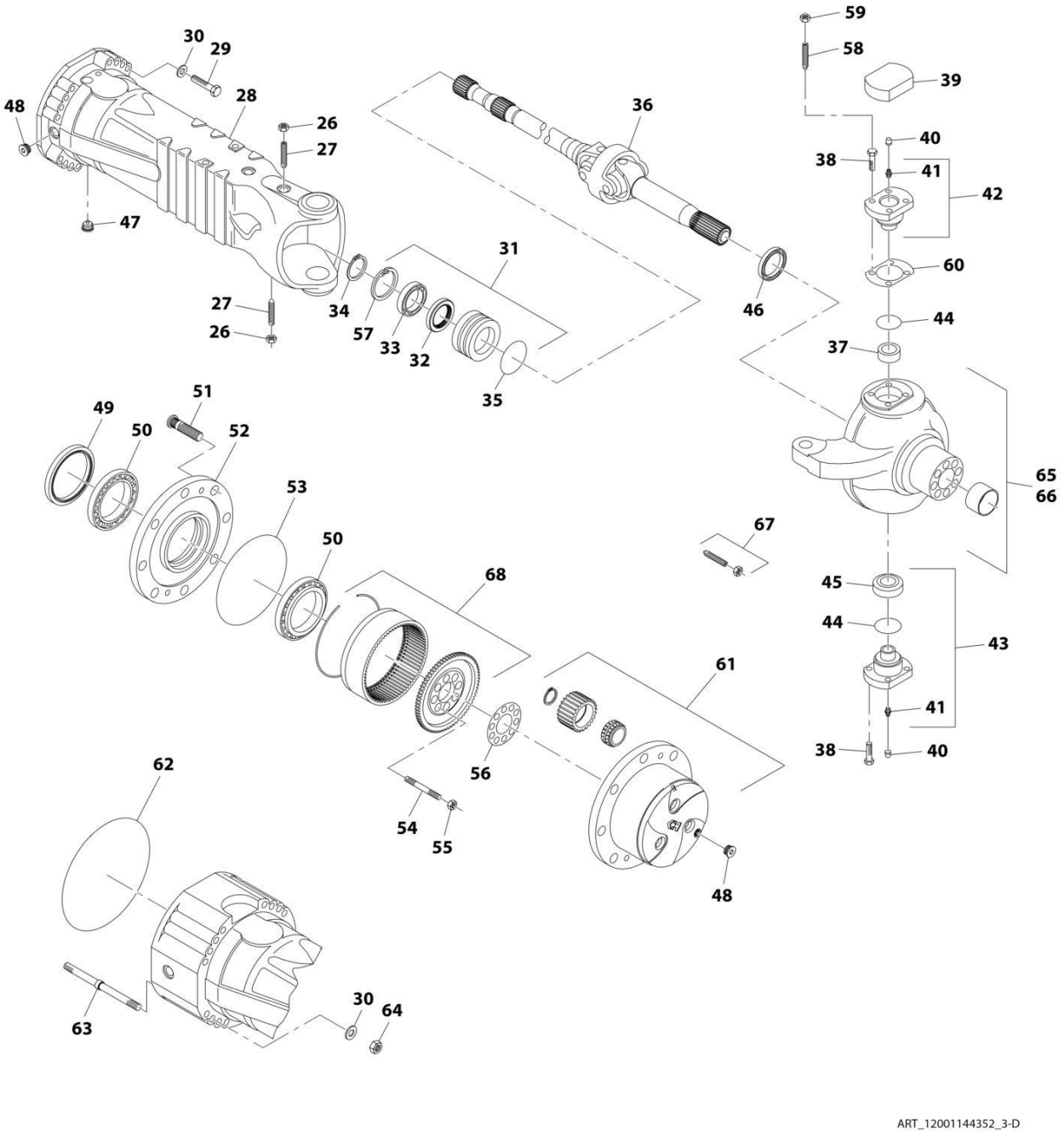
## FIGURE 5-19. FRONT AXLE, DIFFERENTIAL - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-19. FRONT AXLE, DIFFERENTIAL - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 91474528 | 1 | Nut | |
| 10 | 7029427 | 1 | Flange | |
| 11 | 91474532 | 1 | Seal | |
| 12 | 91474591 | 4 | Bolt | |
| 13 | 91474529 | 1 | O-Ring | |
| 14 | 91474533 | 1 | Nut, Ring | |
| 15 | 91474539 | 1 | Spacer | |
| 16 | 70025556 | 1 | Shim | |
| 17 | 70025555 | 1 | Shim | |
| 18 | 3968141 | 2 | Bearing, Taper Roller | |
| 19 | 70025547 | 1 | Set, Bevel Gear | |
| 20 | 91514134 | 2 | Bolt | |
| 21 | 70028471 | 2 | Bearing, Taper Roller | |
| 22 | 70025562 | 12 | Bolt | |
| 23 | 91474547 | 2 | Nut, Ring | |
| 24 | 7028710 | 1 | Differential Kit, (See Separate Breakdown in this Section) | |
| 25 | 8007755 | 2 | Disc | |

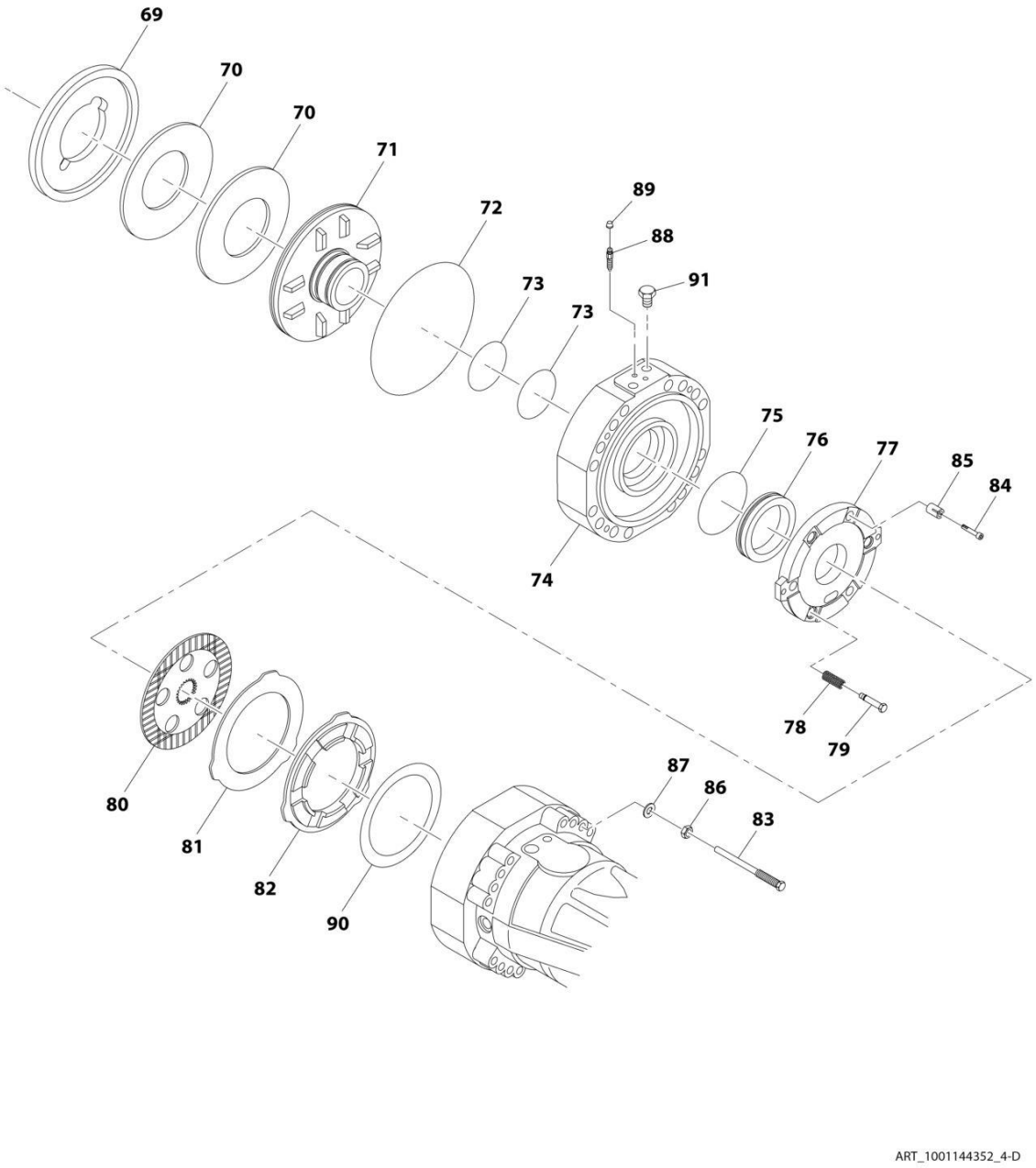
## FIGURE 5-20. FRONT AXLE, HUB REDUCTION - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-20. FRONT AXLE, HUB REDUCTION - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 26 | 91514082 | 2 | Nut | |
| 27 | 91514081 | 2 | Bolt | |
| 28 | 7028711 | 2 | Case, Axle | |
| 29 | 70025012 | 24 | Bolt | |
| 30 | 91514084 | 8 | Washer | |
| 31 | 91514149 | 2 | Bushing, Reduction | |
| 32 | 91514147 | 2 | Seal | |
| 33 | 91514146 | 2 | Bearing, Ball | |
| 34 | 80204071 | 2 | Circlip | |
| 35 | 91514148 | 2 | O-Ring | |
| 36 | 70026071 | 2 | Joint, Double Universal | |
| 37 | 7028714 | 2 | Bushing | |
| 38 | 70025562 | 12 | Bolt | |
| 39 | 70028392 | 2 | Cover | |
| 40 | 80204117 | 2 | Plug | |
| 41 | 70024881 | 2 | Fitting, Grease | |
| 42 | 91514112 | 2 | Pin, Pivot | |
| 43 | 7028715 | 2 | Pin, Pivot | |
| 44 | 7028716 | 2 | Seal, Dust | |
| 45 | 91514095 | 2 | Bearing | |
| 46 | 70025857 | 2 | Seal | |
| 47 | 91474513 | 2 | Plug, Magnet | |
| 48 | 91514188 | 4 | Plug | |
| 49 | 7028721 | 2 | Seal | |
| 50 | 91474576 | 4 | Bearing | |
| 51 | 8000744 | 20 | Stud, Wheel | |
| 52 | 7028722 | 2 | Hub, Wheel | |
| 53 | 91514181 | 2 | O-Ring | |
| 54 | 70027315 | 20 | Stud | |
| 55 | 91474584 | 20 | Nut | |
| 56 | 91474582 | 2 | Plate, Locking | |
| 57 | 80204005 | 2 | Circlip | |
| 58 | 70025819 | 8 | Stud | |
| 59 | 70027320 | 8 | Nut | |
| 60 | 91514113 | 1 | Shim | |
| 61 | 70040710 | 2 | Carrier, Planet Gear | |
| 62 | 91474507 | 2 | O-Ring | |
| 63 | 70025014 | 8 | Stud | |
| 64 | 91514083 | 32 | Nut | |
| 65 | 7028729 | 1 | Assembly, Steering Case LH | |
| 66 | 7028730 | 1 | Assembly, Steering Case RH | |
| 67 | 7028733 | 4 | Bolt, Steering Adjust | |
| 68 | 70025551 | 2 | Support, Ring Gear | |

## FIGURE 5-21. FRONT AXLE, BRAKES - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-21. FRONT AXLE, BRAKES - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 69 | 7028734 | 1 | Spacer | |
| 70 | 91474559 | 4 | Spring | |
| 71 | 91474560 | 2 | Piston | |
| 72 | 91474561 | 2 | O-Ring | |
| 73 | 70026262 | 4 | O-Ring | |
| 74 | 7028735 | 2 | Cover | |
| 75 | 70026623 | 2 | O-Ring | |
| 76 | 91474564 | 2 | Piston | |
| 77 | 91474565 | 2 | Disc, Intermediate Brake | |
| 78 | 91514159 | 6 | Spring | |
| 79 | 91514160 | 6 | Adjusting Bolt | |
| 80 | 91474568 | 8 | Disc | |
| 81 | 70025823 | 8 | Disc, Intermediate Brake | |
| 82 | 91474570 | 2 | Spacer | |
| 83 | 7028736 | 4 | Bolt | |
| 84 | 7029787 | 6 | Bolt, Adjusting | |
| 85 | 70027317 | 6 | Spring | |
| 86 | 80204060 | 4 | Nut | |
| 87 | 80204108 | 4 | Washer, Lock | |
| 88 | 80204281 | 4 | Bolt, Bleeding | |
| 89 | 80204117 | 4 | Plug | |
| 90 | 70025981 | 1 | Shim | |
| 91 | 91514154 | 4 | Bolt | |

## FIGURE 5-22. FRONT AXLE, STEERING - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

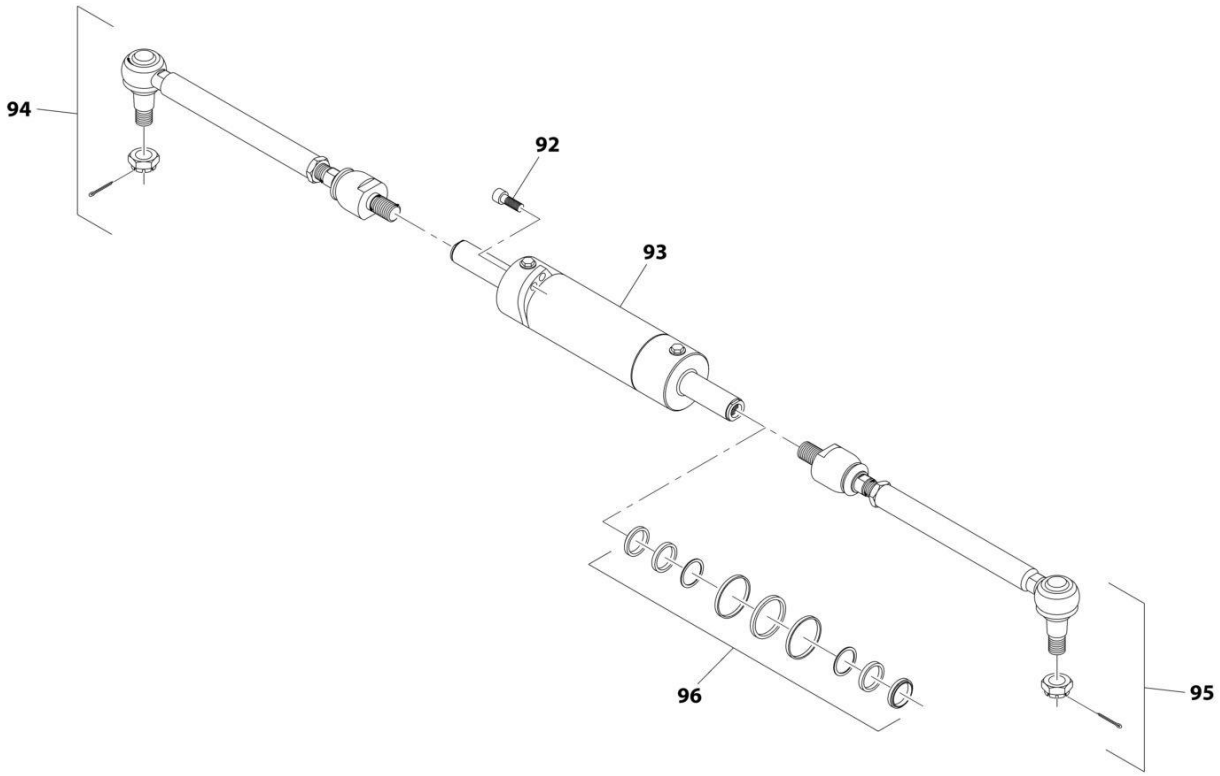


**FIGURE 5-22. FRONT AXLE, STEERING - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 92 | 91474522 | 4 | Bolt | |
| 93 | 70025566 | 1 | Cylinder | |
| 94 | 70026752 | 1 | Bar | |
| 94 | 70022773 | 1 | Nut | |
| 95 | 70026751 | 1 | Bar | |
| 95 | 70022773 | 1 | Nut | |
| 96 | 70025842 | 1 | Seal | |

**FIGURE 5-23. FRONT AXLE, TRUNION - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)**

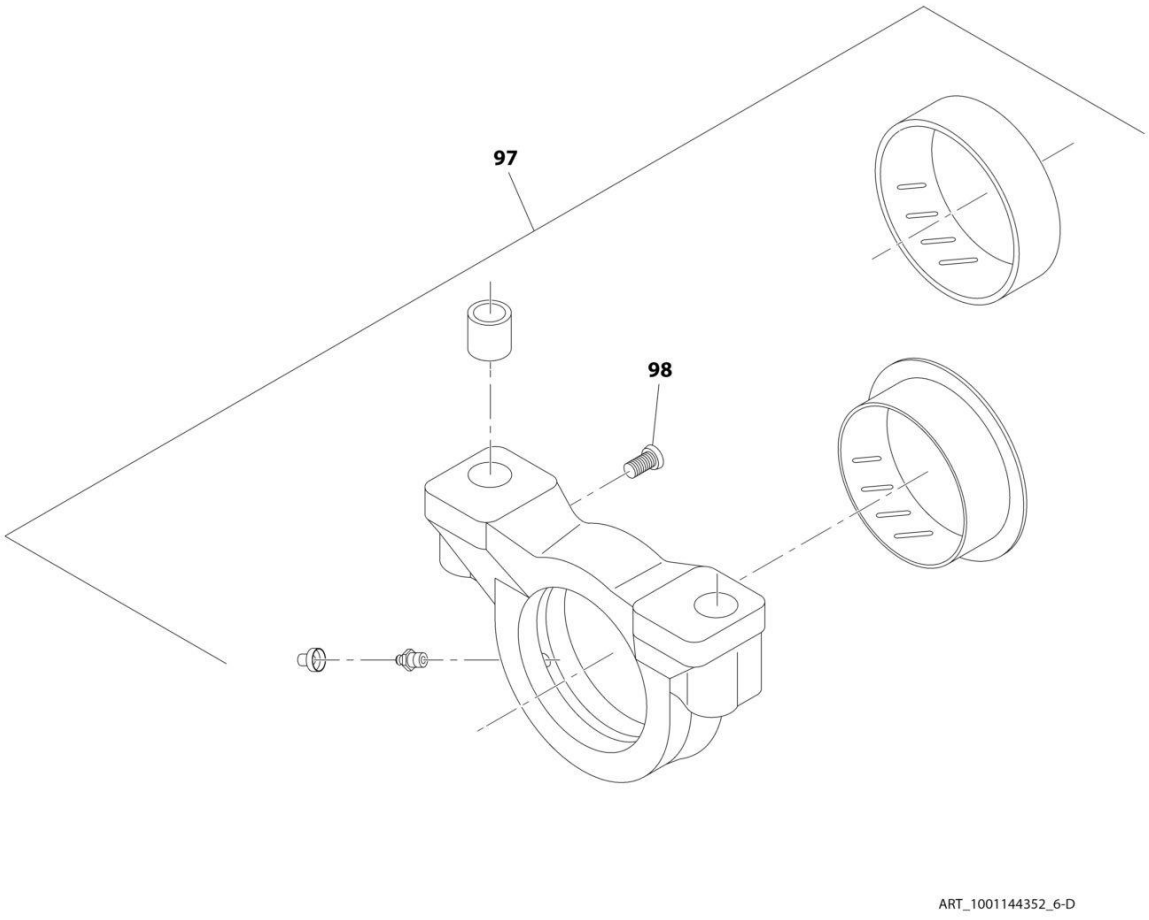
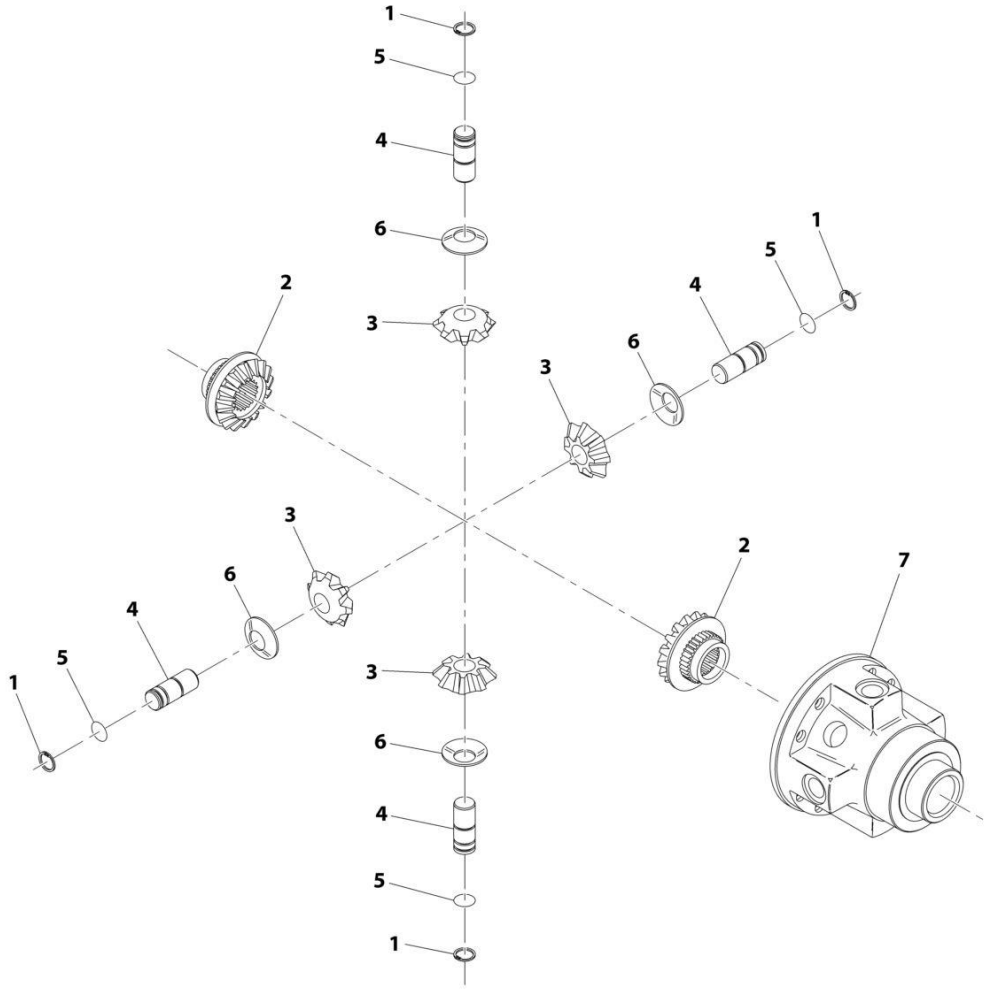


**FIGURE 5-23. FRONT AXLE, TRUNION - 4017RS (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 97 | 70026630 | 2 | Trunion Kit | |
| 98 | 70025884 | 2 | Bolt | |

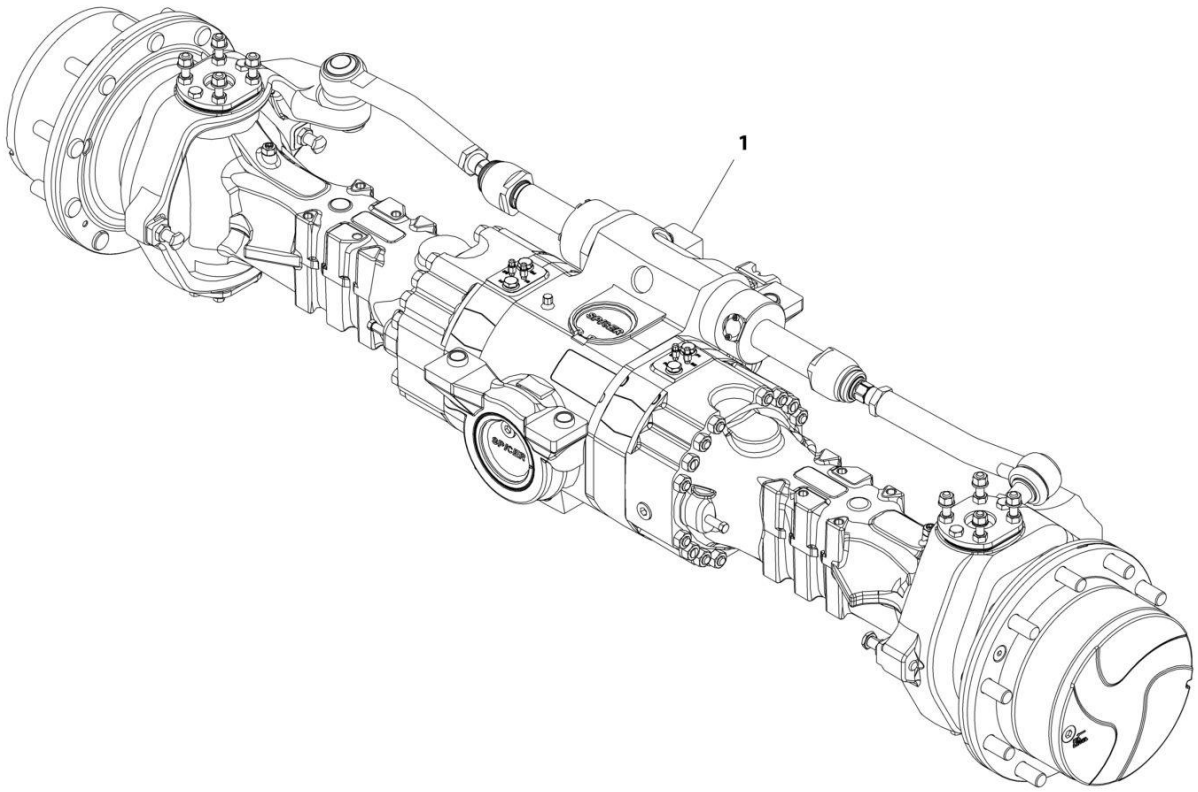
**FIGURE 5-24. DIFFERENTIAL KIT - 4017RS (SN 1160007024 through 1160007543, Including , Excluding 1160007516 and 1160007537)**



## FIGURE 5-24. DIFFERENTIAL KIT - 4017RS (SN 1160007024 through 1160007543, Including , Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028710 | Ref | Differential Kit | |
| 1 | 91474550 | 4 | Circlip | |
| 2 | 91474549 | 2 | Differential Side Gear | |
| 3 | 7029129 | 4 | Differential Pinion | |
| 4 | 7029131 | 4 | Pin | |
| 5 | 91474551 | 4 | Circlip | |
| 6 | 91474553 | 4 | Friction Washer | |
| 7 | 8007751 | 1 | Differential Carrier | |

**FIGURE 5-25. FRONT AXLE - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**




ART_1001182621-B

## FIGURE 5-25. FRONT AXLE - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182621 | Ref | Front Axle - 4017RS | A |
| 1 | | Ref | Front Axle, Central Housing - 4017RS (See Separate Breakdown in this Section) | |
| 2 | | Ref | Front Axle, Differential - 4017RS (See Separate Breakdown in this Section) | |
| 3 | | Ref | Front Axle, Hub Reduction - 4017RS (See Separate Breakdown in this Section) | |
| 4 | | Ref | Front Axle, Brakes - 4017RS (See Separate Breakdown in this Section) | |
| 5 | | Ref | Front Axle, Steering - 4017RS (See Separate Breakdown in this Section) | |
| 6 | | Ref | Front Axle, Trunion - 4017RS (See Separate Breakdown in this Section) | |

**FIGURE 5-26. FRONT AXLE, CENTRAL HOUSING - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

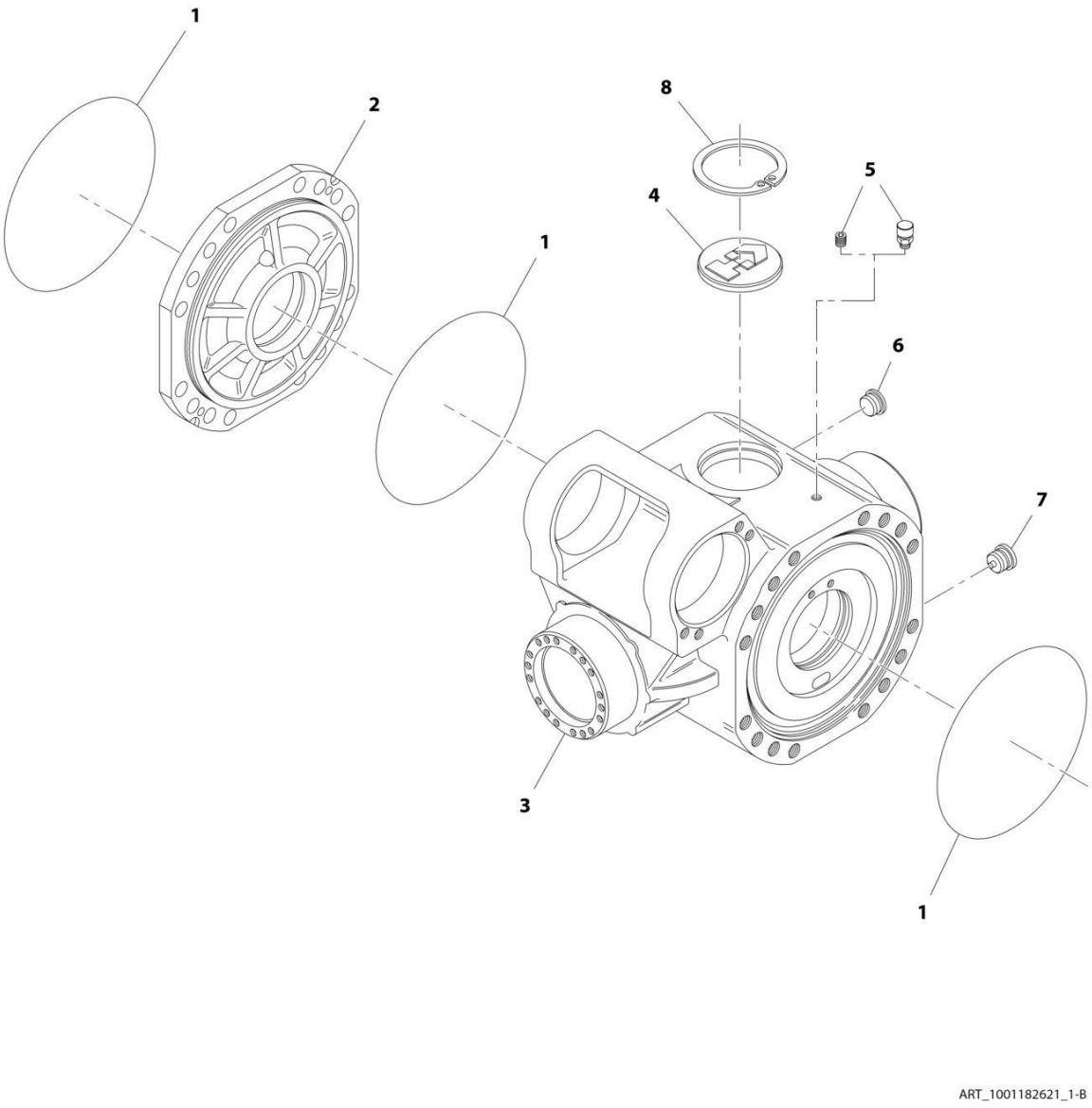
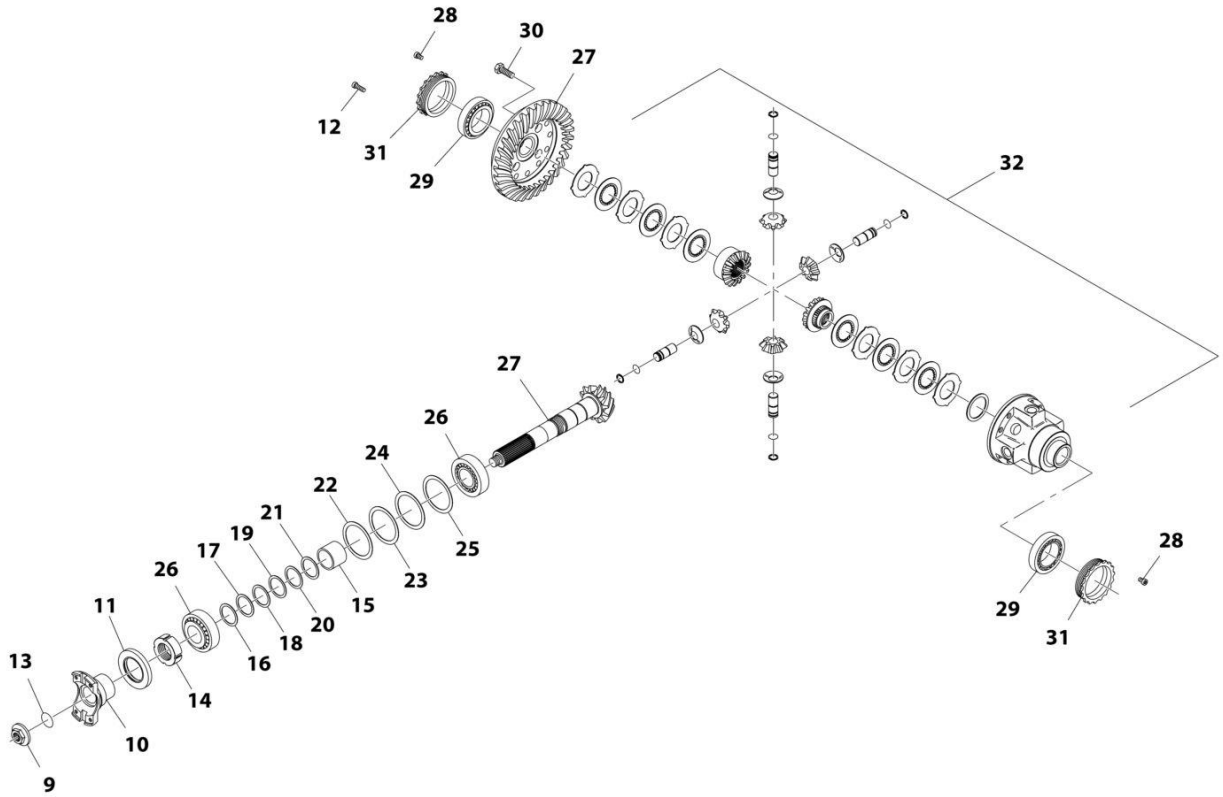


**FIGURE 5-26. FRONT AXLE, CENTRAL HOUSING - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024872 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Magnetic Plug | |
| 8 | 80204005 | 1 | Circlip | |

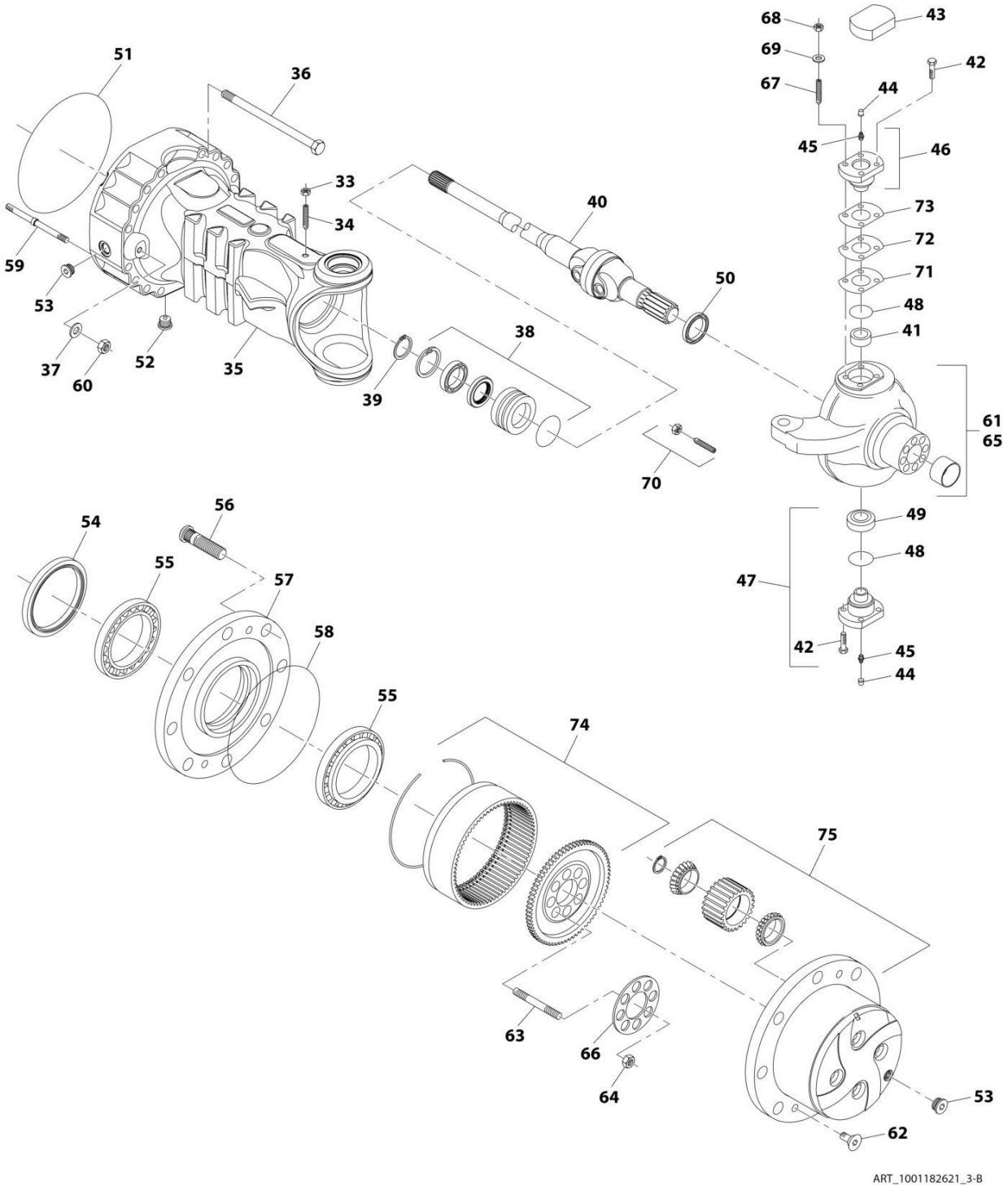
## FIGURE 5-27. FRONT AXLE, DIFFERENTIAL - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)



## FIGURE 5-27. FRONT AXLE, DIFFERENTIAL - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 70026631 | 1 | Nut | |
| 10 | 70022797 | 1 | Flange | |
| 11 | 91474532 | 1 | Seal | |
| 12 | 91474591 | 4 | Cylinder Bolt | |
| 13 | 91474529 | 1 | O-Ring | |
| 14 | 91474533 | 1 | Ring Nut | |
| 15 | 91474539 | 1 | Spacer | |
| 16 | 91474535 | 1 | Shim | |
| 17 | 91474536 | 1 | Shim | |
| 18 | 91474537 | 1 | Shim | |
| 19 | 91474538 | 1 | Shim | |
| 20 | 70024520 | 1 | Shim | |
| 21 | 70024521 | 1 | Shim | |
| 22 | 91474540 | 1 | Shim | |
| 23 | 91474541 | 1 | Shim | |
| 24 | 91474542 | 1 | Shim | |
| 25 | 91474543 | 1 | Shim | |
| 26 | 3968141 | 2 | Taper Roller Bearing | |
| 27 | 70025547 | 1 | Bevel Gear Set | |
| 28 | 91514134 | 2 | Bolt | |
| 29 | 70026031 | 2 | Taper Roller Bearing | |
| 30 | 91514123 | 12 | Bolt | |
| 31 | 91474547 | 2 | Ring Nut | |
| 32 | 7028710 | 1 | Differential Kit (See Separate Breakdown in this Section) | |

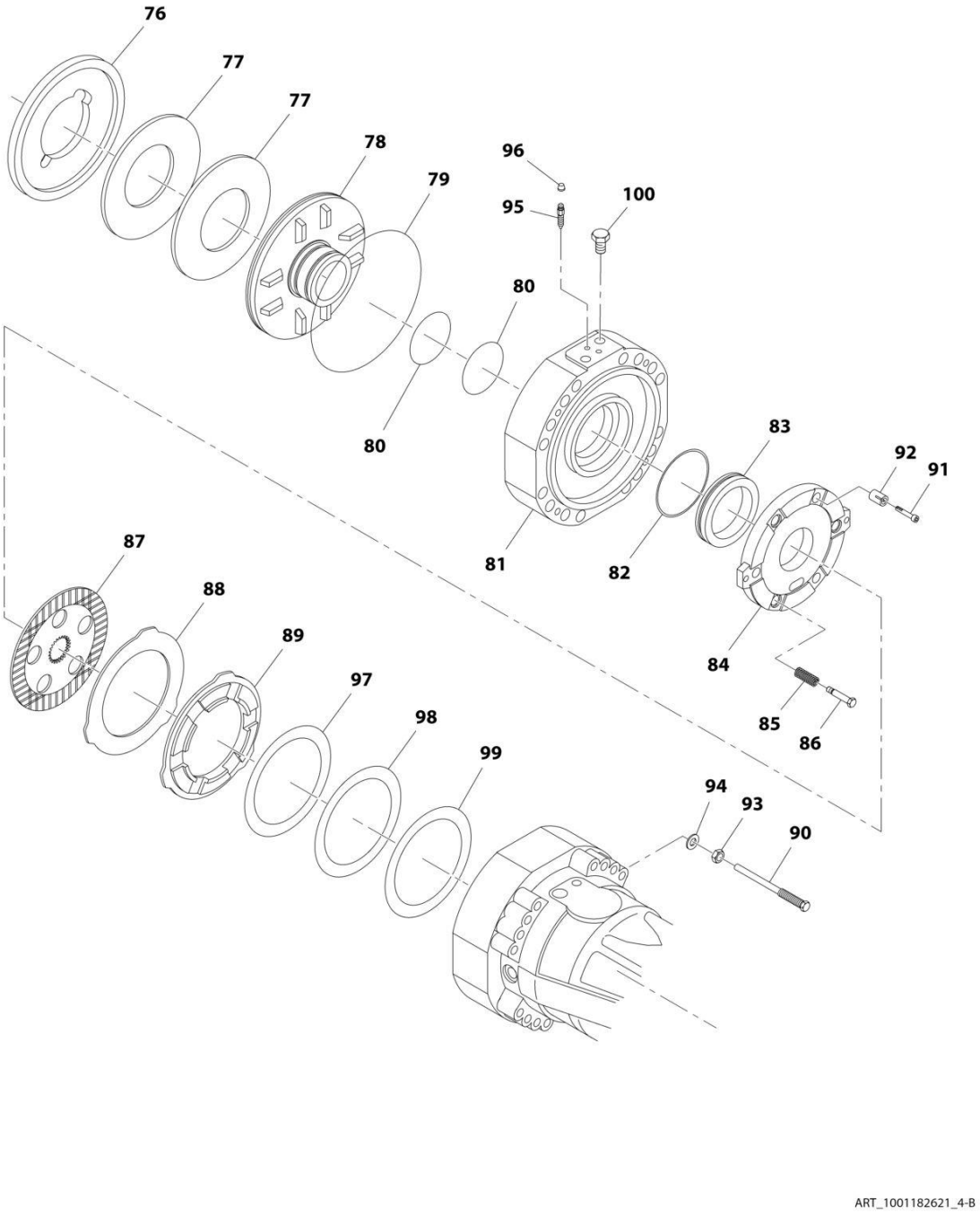
## FIGURE 5-28. FRONT AXLE, HUB REDUCTION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)



## FIGURE 5-28. FRONT AXLE, HUB REDUCTION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 91514082 | 2 | Nut | |
| 34 | 91514081 | 2 | Bolt | |
| 35 | 7028711 | 2 | Axle Case | |
| 36 | 70025012 | 24 | Bolt | |
| 37 | 91514084 | 8 | Washer | |
| 38 | 91514149 | 2 | Reduction Bushing (See Separate Breakdown in this Section) | |
| 39 | 80204071 | 2 | Circlip | |
| 40 | 70027143 | 2 | Double Universal Joint | |
| 41 | 7028714 | 2 | Bushing | |
| 42 | 70025562 | 16 | Bolt | |
| 43 | 70025549 | 2 | Cover | |
| 44 | 80204117 | 2 | Plug | |
| 45 | 91514099 | 4 | Grease Fitting | |
| 46 | 91514112 | 2 | Pivot Pin | |
| 47 | 7028715 | 2 | Pivot Pin | |
| 48 | 7028716 | 4 | Dust Excluder | |
| 49 | 91514095 | 2 | Bearing | |
| 50 | 70026238 | 2 | Seal | |
| 51 | 91474507 | 2 | O-Ring | |
| 52 | 91474513 | 2 | Magnetic Plug | |
| 53 | 91514188 | 4 | Plug | |
| 54 | 7028721 | 2 | Seal | |
| 55 | 91474576 | 4 | Bearing | |
| 56 | 8000877 | 20 | Wheel Stud | |
| 57 | 7028722 | 2 | Wheel Hub | |
| 58 | 91514181 | 2 | O-Ring | |
| 59 | 70025014 | 8 | Stud | |
| 60 | 91514083 | 8 | Nut | |
| 61 | 70027144 | 1 | Steering Case Kit LH (See Separate Breakdown in this Section) | |
| 62 | 91514189 | 4 | Countersunk Bolt | |
| 63 | 91474583 | 20 | Stud | |
| 64 | 91474584 | 20 | Nut | |
| 65 | 70027145 | 1 | Steering Case Kit RH (See Separate Breakdown in this Section) | |
| 66 | 91474582 | 2 | Locking Plate | |
| 67 | 70025819 | 8 | Stud | |
| 68 | 91514120 | 8 | Nut | |
| 69 | 91514119 | 8 | Washer | |
| 70 | 7028733 | 4 | Steering Adjust Bolt Kit (See Separate Breakdown in this Section) | |
| 71 | 91514113 | 2 | Shim | |
| 72 | 91514114 | 2 | Shim | |
| 73 | 91514115 | 2 | Shim | |
| 74 | 70025551 | 2 | Ring Gear Support Kit (See Separate Breakdown in this Section) | |
| 75 | 70040710 | 2 | Planet Gear Carrier Kit (See Separate Breakdown in this Section) | |

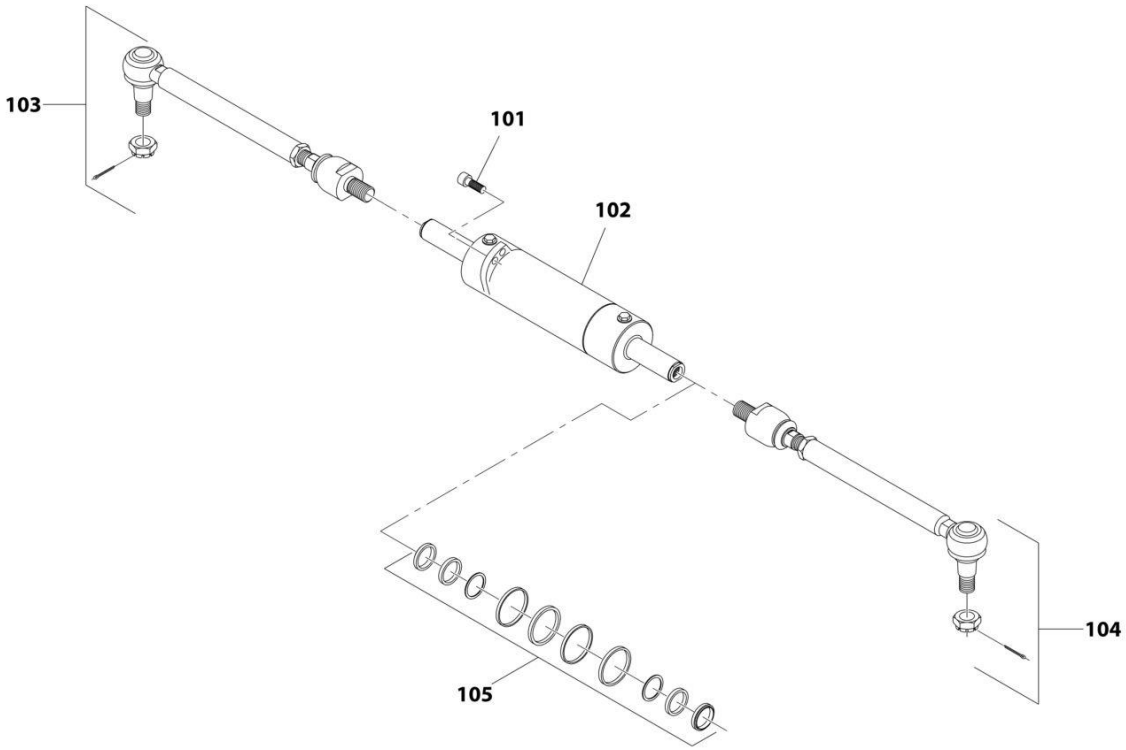
## FIGURE 5-29. FRONT AXLE, BRAKES - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)



## FIGURE 5-29. FRONT AXLE, BRAKES - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 76 | 7028734 | 1 | Spacer | |
| 77 | 91474559 | 4 | Spring | |
| 78 | 91474560 | 2 | Piston | |
| 79 | 91474561 | 2 | O-Ring | |
| 80 | 70026262 | 4 | Seal | |
| 81 | 7028735 | 2 | Cover | |
| 82 | 70026623 | 2 | Seal | |
| 83 | 91474564 | 2 | Piston | |
| 84 | 91474565 | 2 | Intermediate Brake Disc | |
| 85 | 91514159 | 6 | Spring | |
| 86 | 70024210 | 6 | Adjusting Bolt | |
| 87 | 91474568 | 8 | Disc | |
| 88 | 70025823 | 8 | Intermediate Brake Disc | |
| 89 | 91474570 | 2 | Spacer | |
| 90 | 7028736 | 4 | Bolt | |
| 91 | 7029787 | 6 | Adjusting Bolt | |
| 92 | 91514165 | 6 | Spring | |
| 93 | 80204060 | 4 | Nut | |
| 94 | 80204108 | 4 | Lock Washer | |
| 95 | 80204281 | 4 | Bleeding Bolt | |
| 96 | 80204117 | 4 | Plug | |
| 97 | 91474571 | 2 | Shim | |
| 98 | 91474572 | 2 | Shim | |
| 99 | 91474573 | 2 | Shim | |
| 100 | 91514154 | 4 | Plug | |

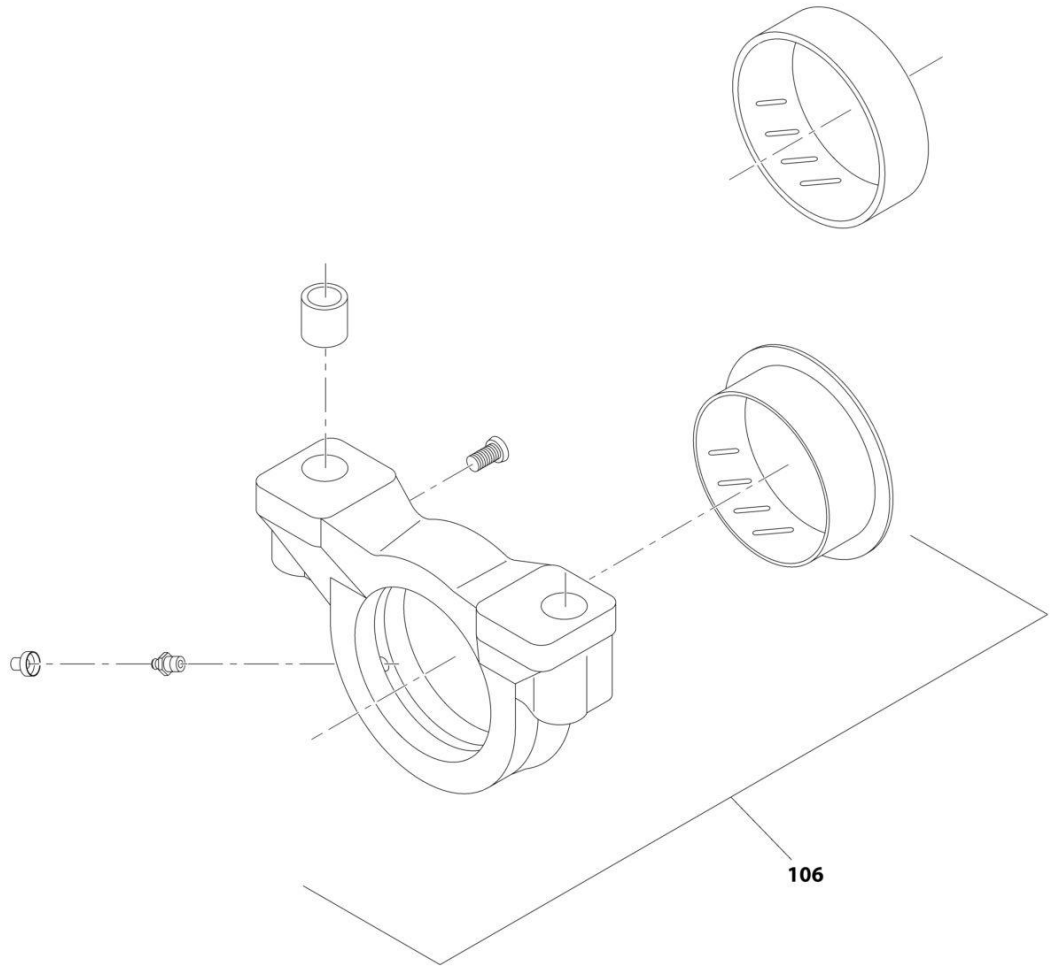
## FIGURE 5-30. FRONT AXLE, STEERING - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)



## FIGURE 5-30. FRONT AXLE, STEERING - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 101 | 91474522 | 4 | Bolt | |
| 102 | 70025566 | 1 | Cylinder | |
| 103 | 70026752 | 1 | Bar | |
| 103 | 70022773 | 1 | Nut | |
| 104 | 70026751 | 1 | Bar | |
| 104 | 70022773 | 1 | Nut | |
| 105 | 70025842 | 1 | Seal Kit | |

**FIGURE 5-31. FRONT AXLE, TRUNION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-31. FRONT AXLE, TRUNION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 106 | 70026630 | 2 | Trunion Kit (See Separate Breakdown in this Section) | |

**FIGURE 5-32. DIFFERENTIAL KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

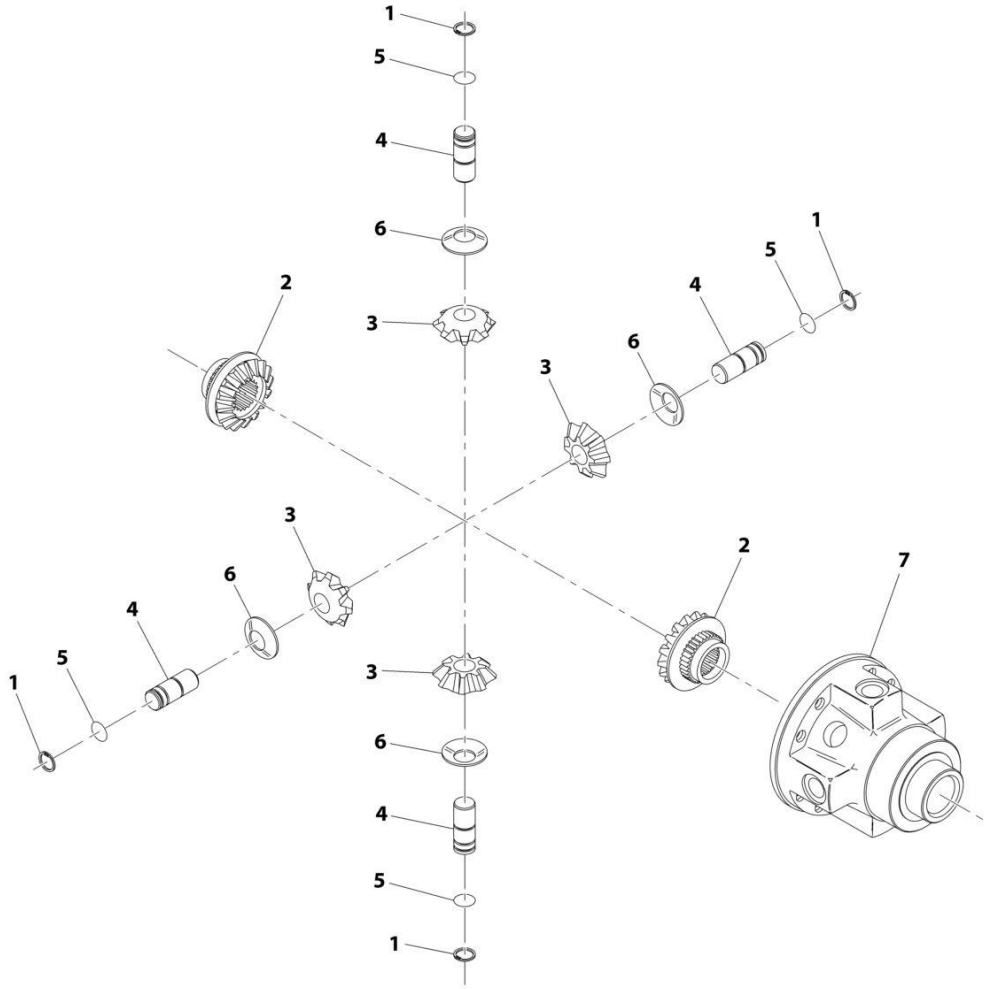


**FIGURE 5-32. DIFFERENTIAL KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028710 | Ref | Differential Kit | |
| 1 | 91474550 | 4 | Circlip | |
| 2 | 91474549 | 2 | Differential Side Gear | |
| 3 | 7029129 | 4 | Differential Pinion | |
| 4 | 7029131 | 4 | Pin | |
| 5 | 91474551 | 4 | Circlip | |
| 6 | 91474553 | 4 | Friction Washer | |
| 7 | 8007751 | 1 | Differential Carrier | |

**FIGURE 5-33. REDUCTION BUSHING (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

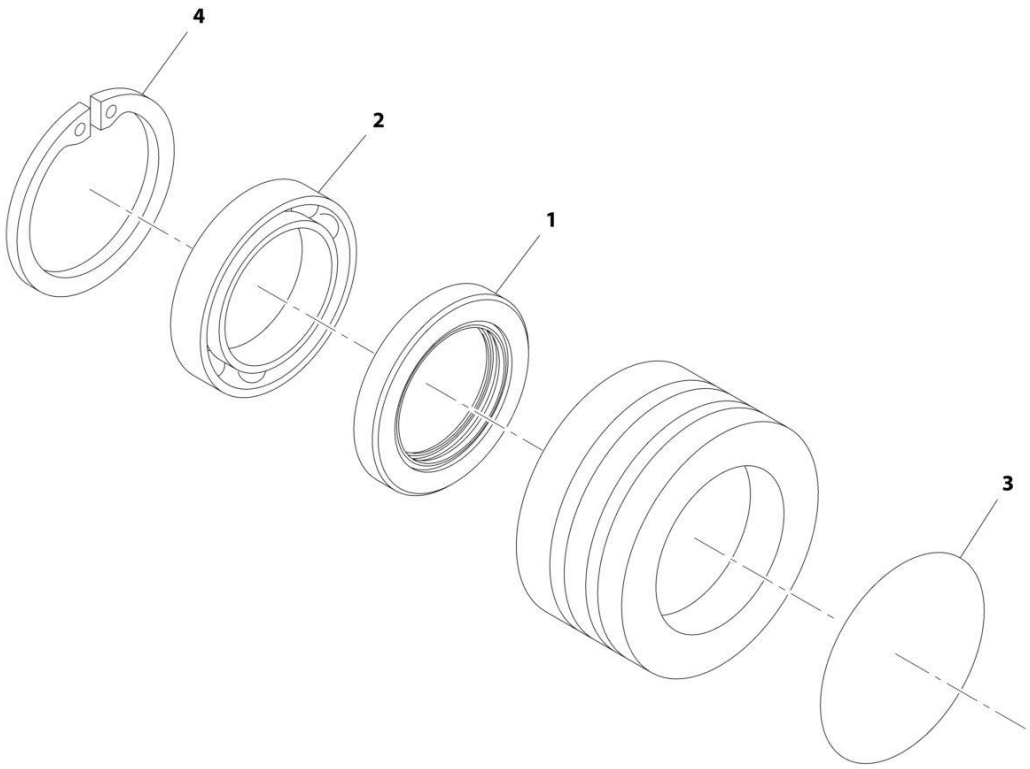


**FIGURE 5-33. REDUCTION BUSHING (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

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

**FIGURE 5-34. STEERING CASE KIT LH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

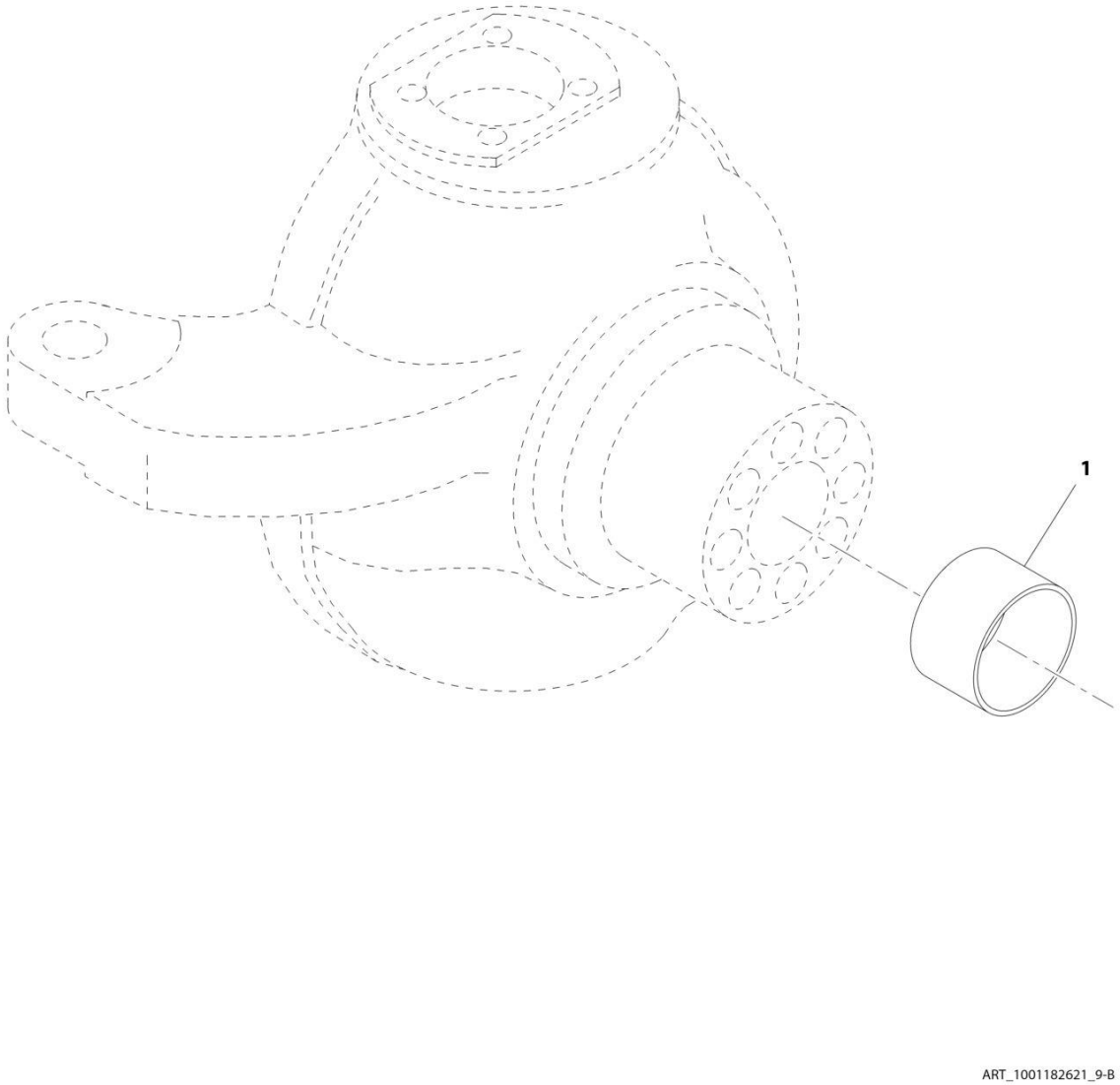
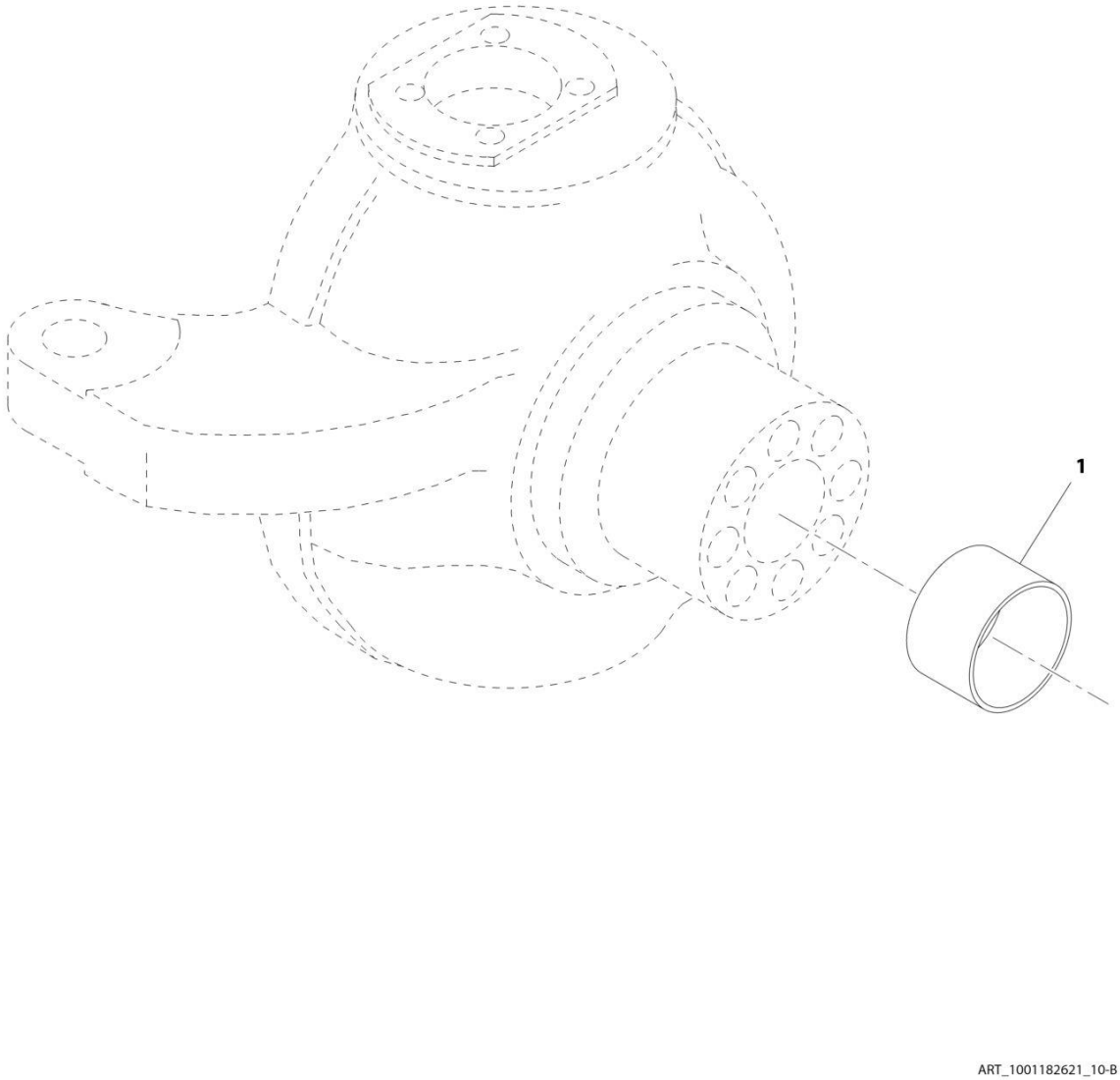


**FIGURE 5-34. STEERING CASE KIT LH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70027144 | Ref | Steering Case Kit LH | |
| 1 | 91514111 | 2 | Thrust Bushing | |

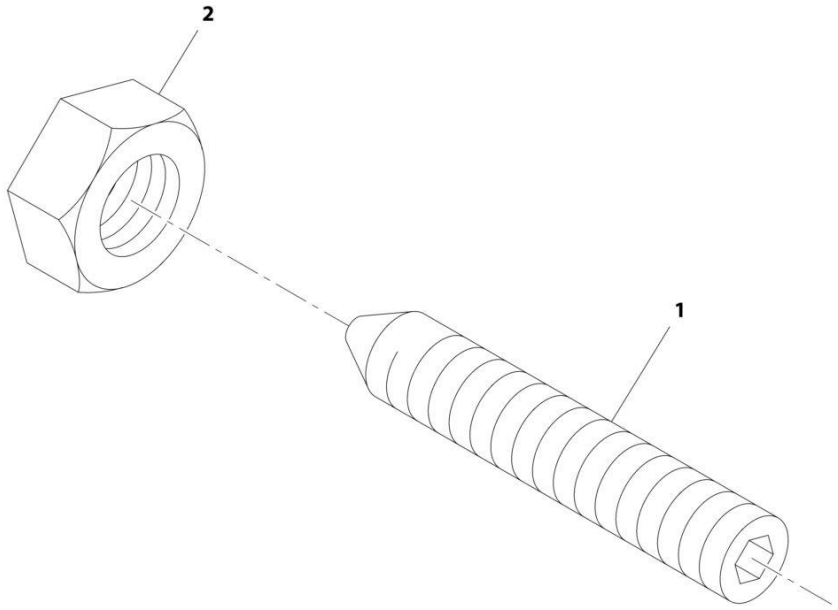
**FIGURE 5-35. STEERING CASE KIT RH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-35. STEERING CASE KIT RH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70027145 | Ref | Steering Case Kit RH | |
| 1 | 91514111 | 2 | Thrust Bushing | |

**FIGURE 5-36. STEERING ADJUST BOLT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

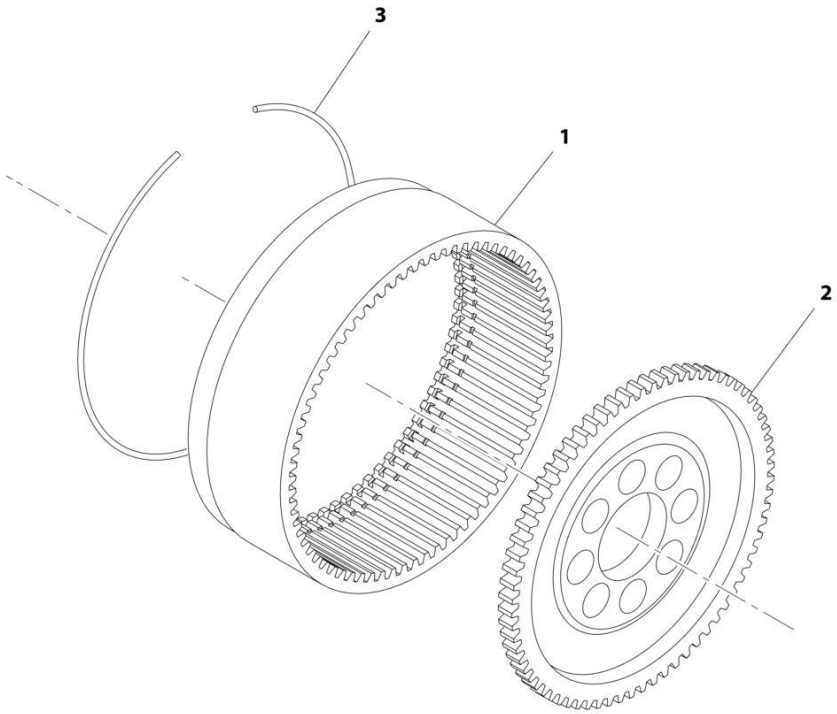



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**FIGURE 5-36. STEERING ADJUST BOLT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028733 | Ref | Steering Adjust Bolt Kit | |
| 1 | 91514117 | 4 | Bolt | |
| 2 | 80204065 | 4 | Nut | |

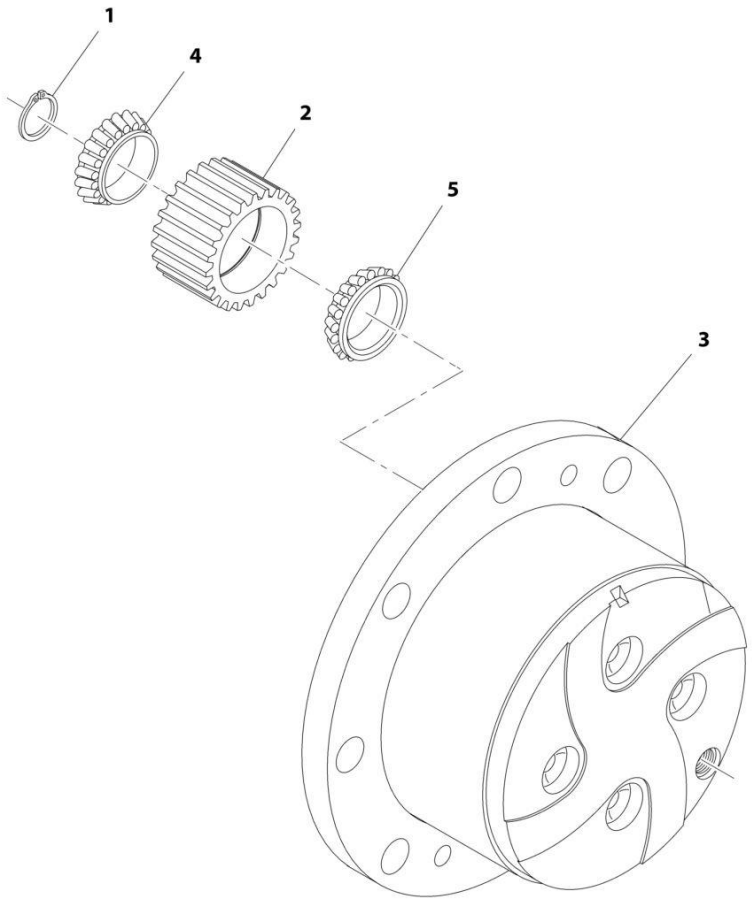
**FIGURE 5-37. RING GEAR SUPPORT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-37. RING GEAR SUPPORT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70025551 | Ref | Ring Gear Support Kit | |
| 1 | 70024147 | 2 | Ring Gear | |
| 2 | 7028723 | 2 | Ring Gear Support | |
| 3 | 91514175 | 2 | Circlip | |

**FIGURE 5-38. PLANET GEAR CARRIER KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**




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## FIGURE 5-38. PLANET GEAR CARRIER KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70040710 | Ref | Planet Gear Carrier Kit | |
| 1 | 7028724 | 3 | Circlip | |
| 2 | 7028725 | 6 | Differential Pinion | |
| 3 | 7028726 | 1 | Planet Gear Carrier | |
| 4 | 7028731 | 6 | Bearing | |
| 5 | 7028732 | 6 | Bearing | |

## FIGURE 5-39. TRUNION KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

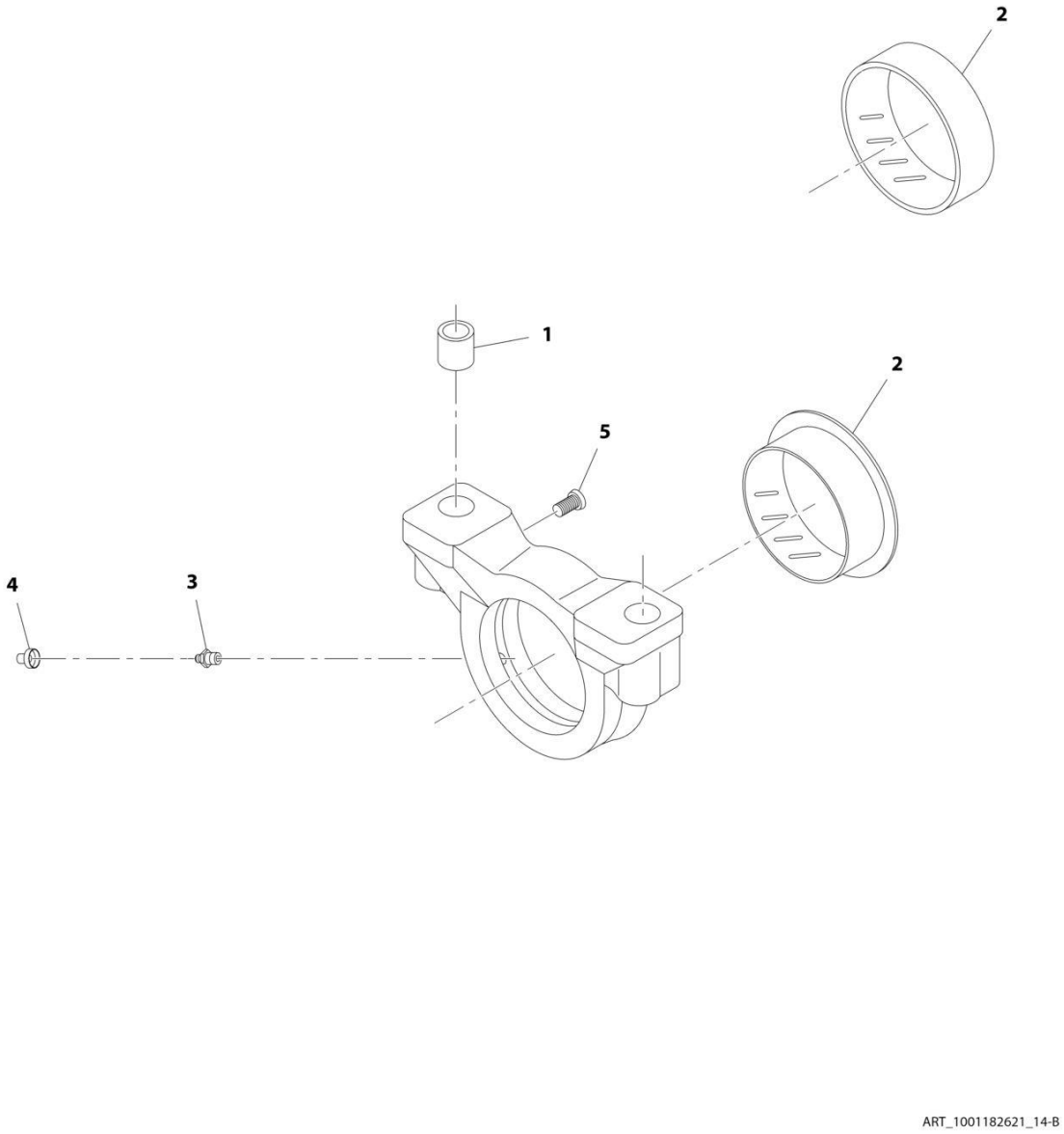
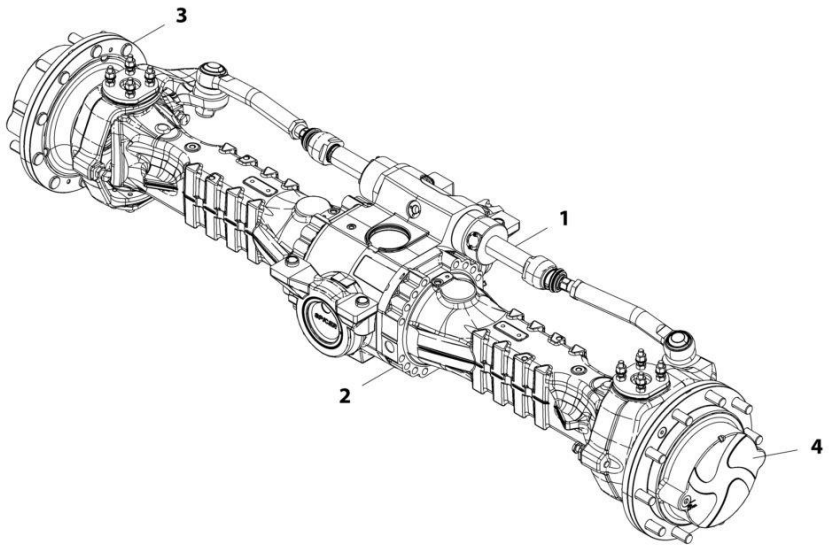


**FIGURE 5-39. TRUNION KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026630 | Ref | Trunion Kit | |
| 1 | 91474516 | 4 | Reduction Bushing | |
| 2 | 91474515 | 2 | Thrust Bushing | |
| 3 | 91514099 | 2 | Grease Fitting | |
| 4 | 80204117 | 2 | Plug | |
| 5 | 70025884 | 2 | Bolt | |

## FIGURE 5-40. REAR AXLE - 3614RS, 4017RS (NO FOAM FILL)

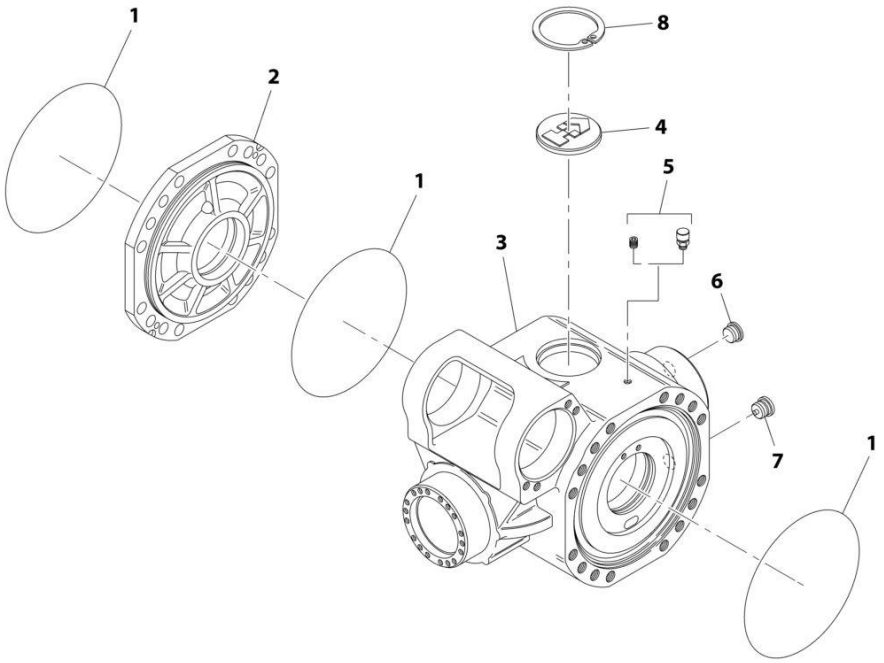



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## FIGURE 5-40. REAR AXLE - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001135442 | Ref | Rear Axle -3614RS, 4017RS (No Foam Fill) | C |
| 1 | | Ref | Rear Axle, Central Housing - 3614RS, 4017RS (no Foam Fill) (See REAR AXLE, CENTRAL HOUSING - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |
| 2 | | Ref | Rear Axle, Differential - 3614RS, 4017RS (no Foam Fill) (See REAR AXLE, DIFFERENTIAL - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |
| 3 | | Ref | Rear Axle, Hub Reduction - 3614RS, 4017RS (no Foam Fill) (See REAR AXLE, HUB REDUCTION - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |
| 4 | | Ref | Rear Axle, Brakes - 3614RS, 4017RS (no Foam Fill) (See REAR AXLE, BRAKES - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |
| 5 | | Ref | Rear Axle, Steering - 3614RS, 4017RS (no Foam Fill) (See REAR AXLE, STEERING - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |
| 6 | | Ref | Rear Axle, Trunion - 3614RS, 4017RS (no Foam Fill) (See REAR AXLE, TRUNION - 3614RS, 4017RS (NO FOAM FILL) for Breakdown) | |

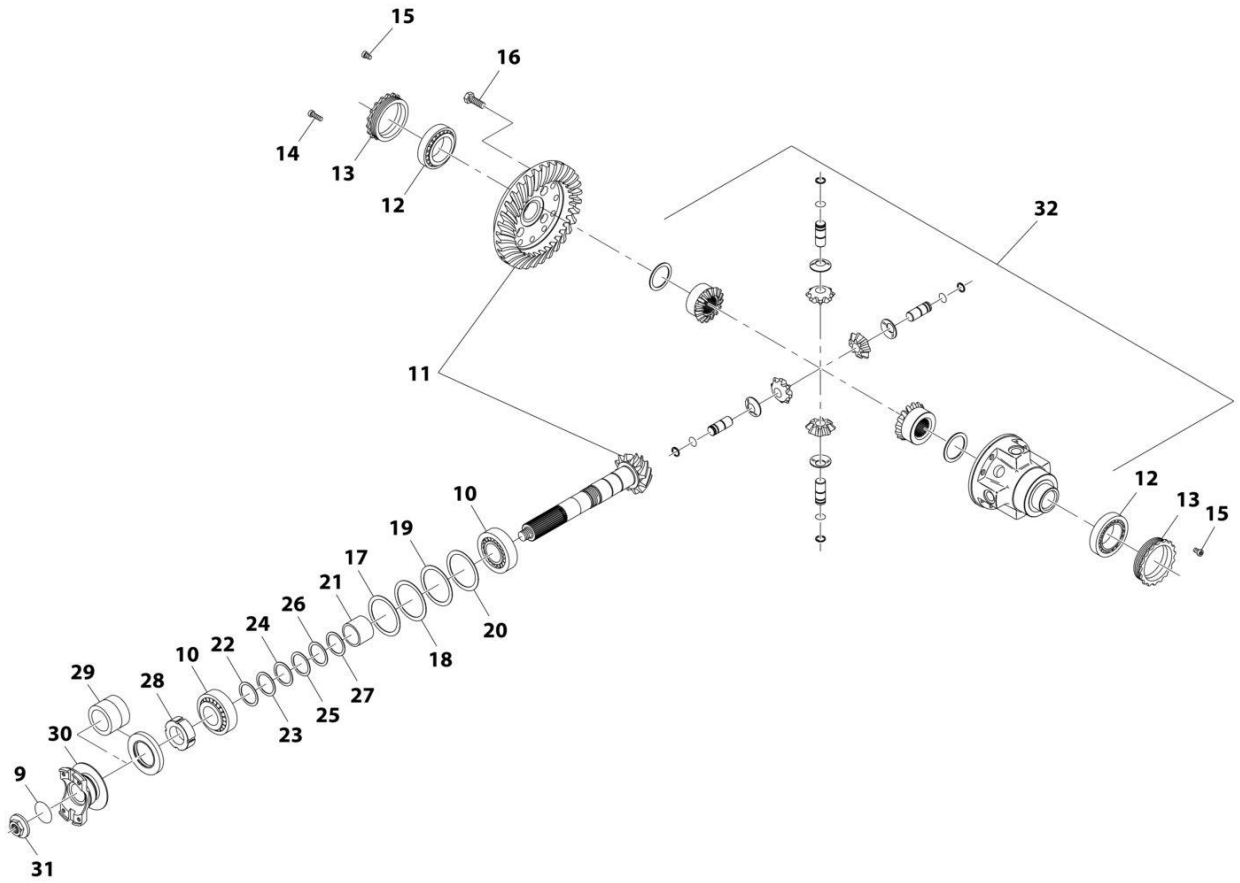
## FIGURE 5-41. REAR AXLE, CENTRAL HOUSING - 3614RS, 4017RS (NO FOAM FILL)



## FIGURE 5-41. REAR AXLE, CENTRAL HOUSING - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024519 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Plug, Magnet | |
| 8 | 80204005 | 1 | Circlip | |

## FIGURE 5-42. REAR AXLE, DIFFERENTIAL - 3614RS, 4017RS (NO FOAM FILL)

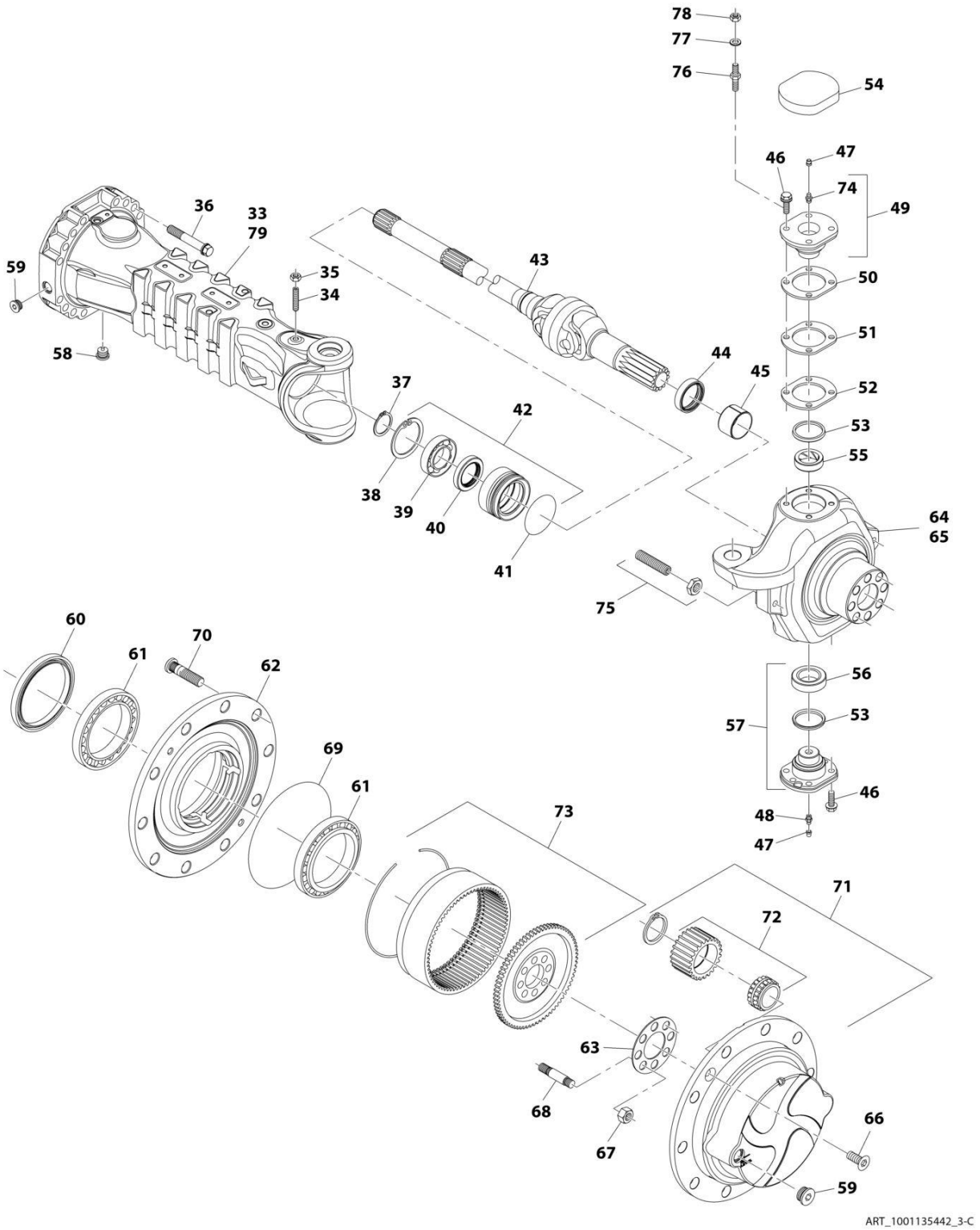



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## FIGURE 5-42. REAR AXLE, DIFFERENTIAL - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 91474529 | 1 | O-Ring | |
| 10 | 3968141 | 2 | Bearing, Taper Roller | |
| 11 | 70025554 | 1 | Set, Bevel Gear | |
| 12 | 70026031 | 2 | Taper Roller Bearing | |
| 13 | 91474547 | 2 | Nut, Ring | |
| 14 | 91474591 | 4 | Cylinder Bolt | |
| 15 | 91514134 | 2 | Bolt | |
| 16 | 91514123 | 12 | Bolt | |
| 17 | 91474540 | 1 | Shim | |
| 18 | 91474541 | 1 | Shim | |
| 19 | 91474542 | 1 | Shim | |
| 20 | 91474543 | 1 | Shim | |
| 21 | 91474539 | 1 | Spacer | |
| 22 | 91474535 | 1 | Shim | |
| 23 | 91474536 | 1 | Shim | |
| 24 | 91474537 | 1 | Shim | |
| 25 | 91474538 | 1 | Shim | |
| 26 | 70024520 | 1 | Shim | |
| 27 | 70024521 | 1 | Shim | |
| 28 | 91474533 | 1 | Nut, Ring | |
| 29 | 91474532 | 1 | Seal | |
| 30 | 7029427 | 1 | Flange | |
| 31 | 70026631 | 1 | Nut | |
| 32 | 70021140 | 1 | Differential | |

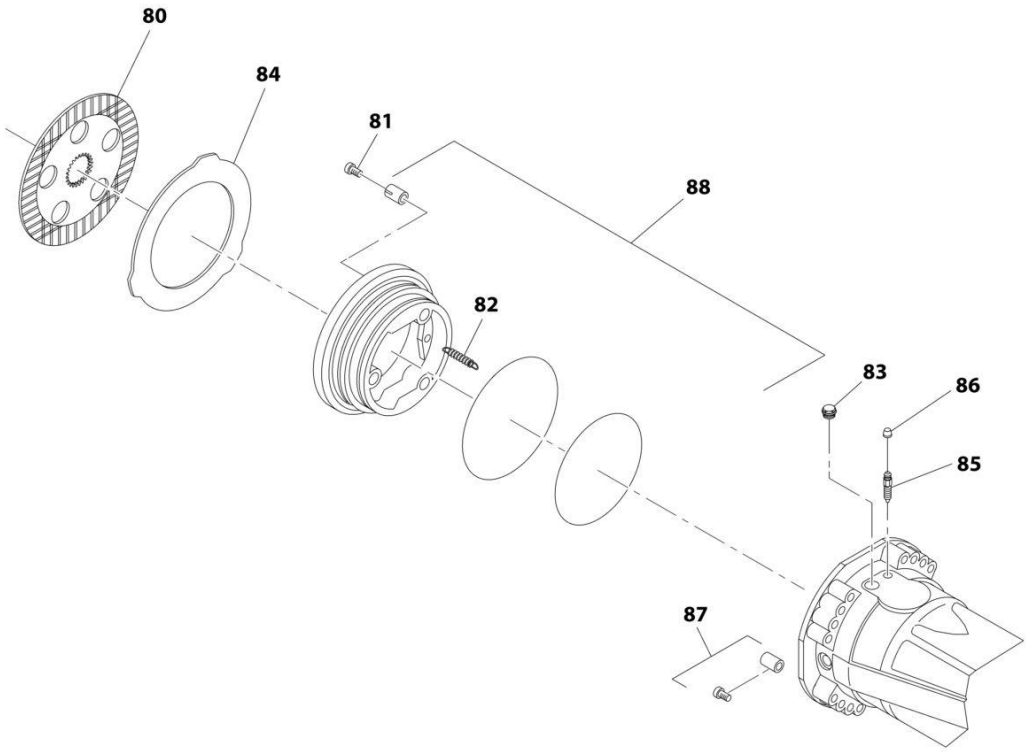
## FIGURE 5-43. REAR AXLE, HUB REDUCTION - 3614RS, 4017RS (NO FOAM FILL)



## FIGURE 5-43. REAR AXLE, HUB REDUCTION - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 70025571 | 1 | Case, Axle | |
| 34 | 2400600 | 2 | Bolt | |
| 35 | 91514082 | 2 | Nut | |
| 36 | 7029428 | 32 | Bolt | |
| 37 | 80204071 | 2 | Circlip | |
| 38 | 80204005 | 2 | Circlip | |
| 39 | 91514146 | 2 | Bearing, Ball | |
| 40 | 91514147 | 2 | Seal | |
| 41 | 91514148 | 2 | O-Ring | |
| 42 | 91514149 | 2 | Bushing, Reduction | |
| 43 | 70025928 | 2 | Joint, Double Universal | |
| 44 | 8007771 | 2 | Seal | |
| 45 | 8004468 | 1 | Bushing, Thrust | |
| 46 | 70025562 | 12 | Bolt | |
| 47 | 80204117 | 4 | Plug | |
| 48 | 91514099 | 2 | Fitting, Grease | |
| 49 | 70025567 | 2 | Pin, Pivot | |
| 50 | 8007779 | 2 | Shim | |
| 51 | 8007780 | 2 | Shim | |
| 52 | 8007782 | 2 | Shim | |
| 53 | 2401043 | 4 | Seal | |
| 54 | 70025549 | 2 | Cover | |
| 55 | 70020173 | 2 | Bushing | |
| 56 | 2401258 | 2 | Articulation | |
| 57 | 8006605 | 2 | Pin, Pivot | |
| 58 | 91474513 | 2 | Plug, Magnet | |
| 59 | 91514188 | 4 | Plug | |
| 60 | 7029430 | 2 | Seal | |
| 61 | 3984301 | 4 | Bearing | |
| 62 | 8005801 | 2 | Stud, Wheel | |
| 63 | 3983731 | 2 | Locking Plate | |
| 64 | 8007774 | 1 | Steering Case Kit LH | |
| 65 | 8007777 | 1 | Steering Case Kit RH | |
| 66 | 91514189 | 4 | Bolt, Countersunk | |
| 67 | 91474584 | 16 | Nut | |
| 68 | 91474583 | 16 | Stud | |
| 69 | 80204002 | 2 | O-Ring | |
| 70 | 8000877 | 20 | Wheel Stud | |
| 71 | 7029431 | 2 | Planet Gear Carrier Kit | |
| 72 | 70023900 | 8 | Planet Gear Kit | |
| 73 | 7029432 | 2 | Ring Gear Support Kit | |
| 74 | 7028115 | 2 | Fitting, Grease | |
| 75 | 7028733 | 4 | Steering Adjust Bolt Kit | |
| 76 | 70025819 | 8 | Stud | |
| 77 | 91514119 | 8 | Washer | |
| 78 | 91514120 | 8 | Nut | |
| 79 | 7028048 | 1 | AXLE CASE | |

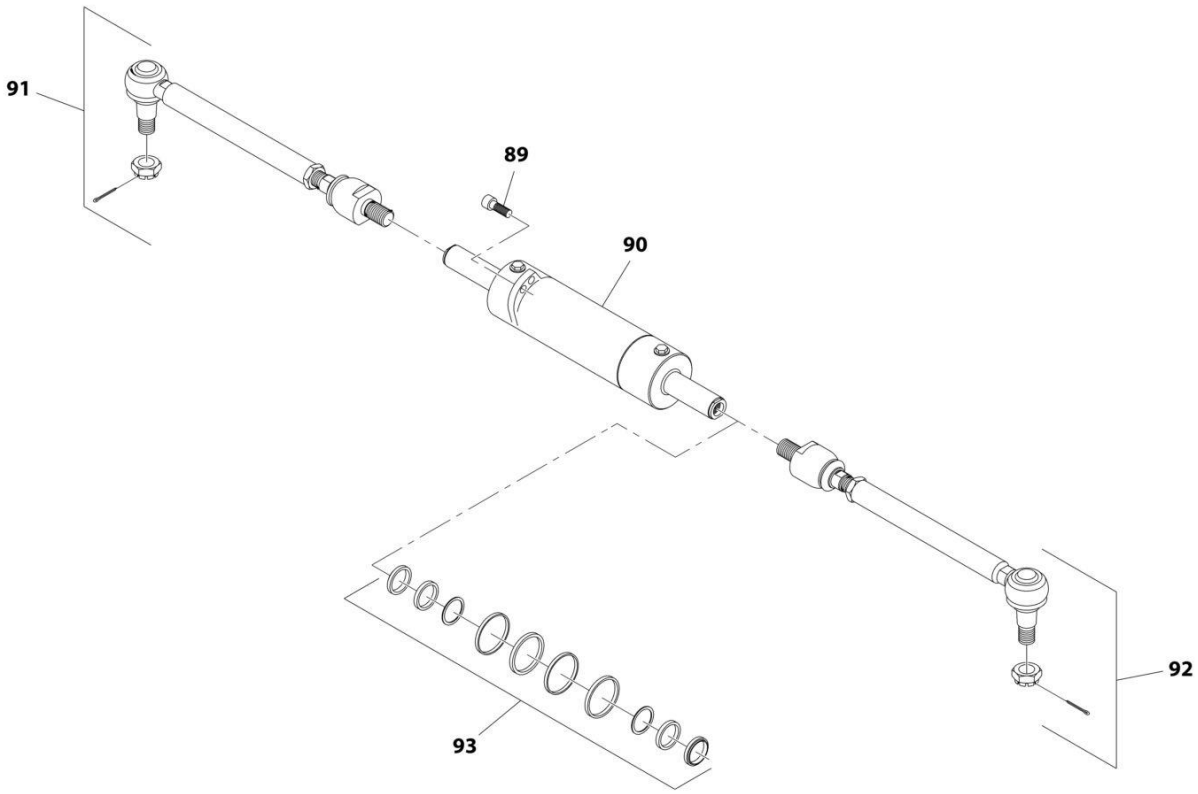
## FIGURE 5-44. REAR AXLE, BRAKES - 3614RS, 4017RS (NO FOAM FILL)



## FIGURE 5-44. REAR AXLE, BRAKES - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 80 | 91474568 | 6 | Disc | |
| 81 | 7029786 | 6 | Bolt, Adjusting | |
| 82 | 3984425 | 6 | Spring | |
| 83 | 91514154 | 2 | Bolt | |
| 84 | 70025823 | 8 | Disc, Intermediate Brake | |
| 85 | 80204281 | 2 | Bolt, Bleeding | |
| 86 | 80204117 | 2 | Plug | |
| 87 | 7029433 | 2 | Dowel | |
| 88 | 70026823 | 2 | Brakes Piston Kit | |

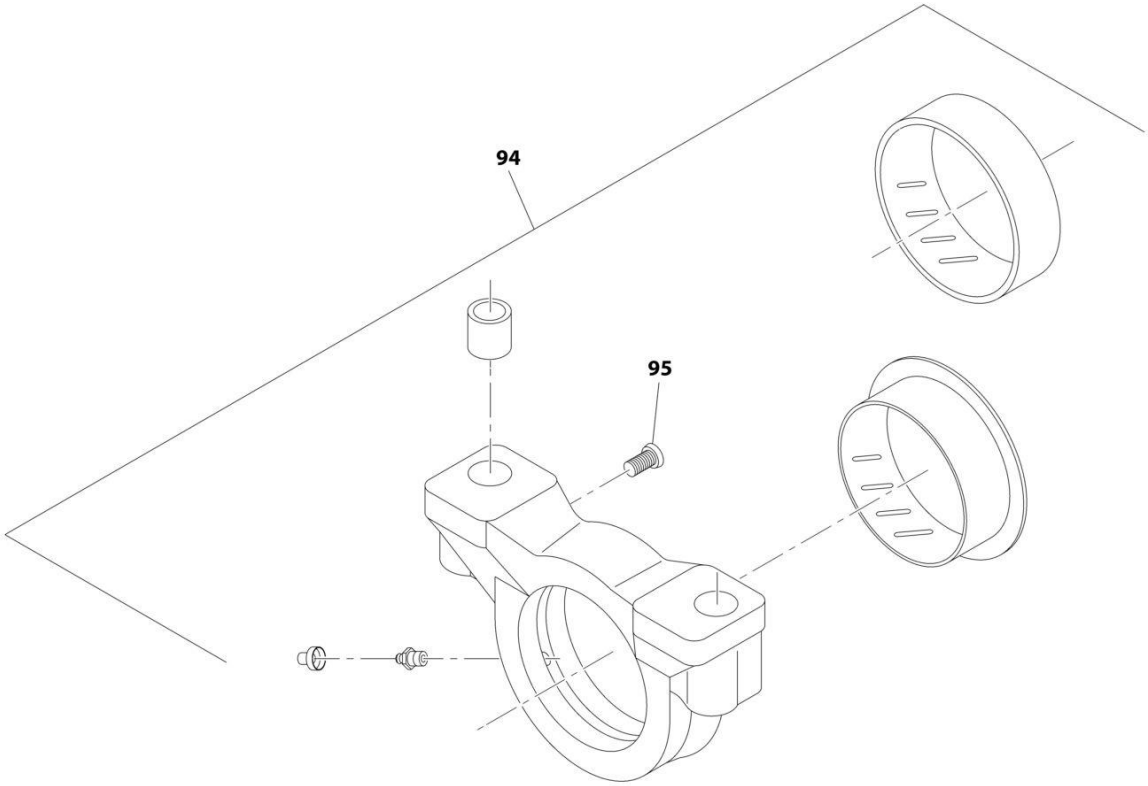
## FIGURE 5-45. REAR AXLE, STEERING - 3614RS, 4017RS (NO FOAM FILL)



## FIGURE 5-45. REAR AXLE, STEERING - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 89 | 91474522 | 4 | Bolt | |
| 90 | 70025566 | 1 | Cylinder | |
| 91 | 70026752 | 1 | Bar | |
| 91 | 70022773 | 1 | Nut | |
| 92 | 70026751 | 1 | Bar | |
| 92 | 70022773 | 1 | Nut | |
| 93 | 70025842 | 1 | Kit, Seal | |

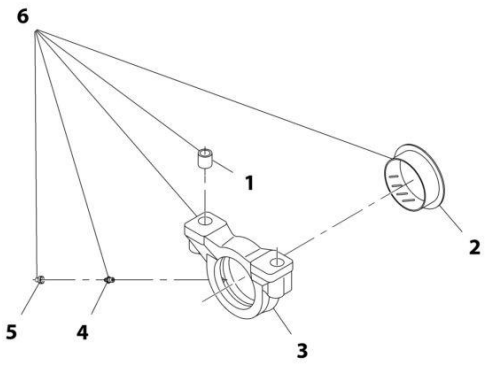
## FIGURE 5-46. REAR AXLE, TRUNION - 3614RS, 4017RS (NO FOAM FILL)



## FIGURE 5-46. REAR AXLE, TRUNION - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 94 | 70026630 | 2 | Trunion Kit | |
| 95 | 70025884 | 2 | Bolt | |

## FIGURE 5-47. REAR AXLE, TRUNION KIT - 3614RS, 4017RS (NO FOAM FILL)

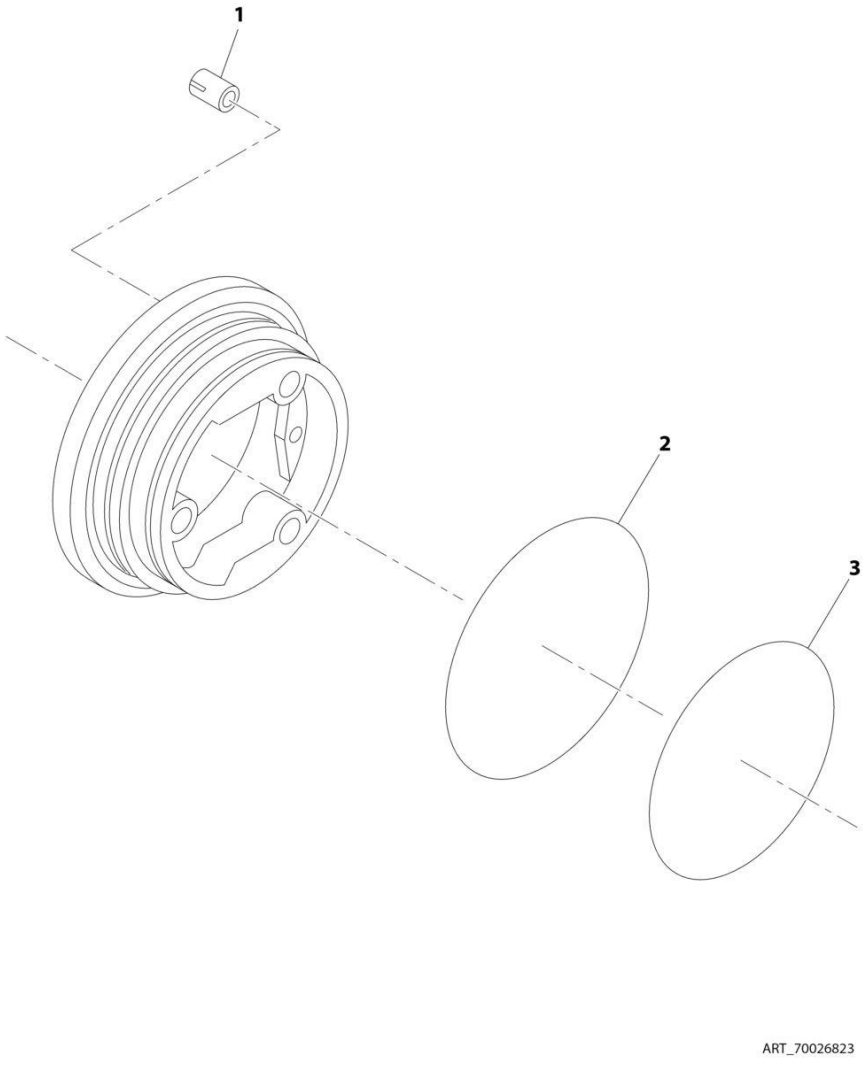



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## FIGURE 5-47. REAR AXLE, TRUNION KIT - 3614RS, 4017RS (NO FOAM FILL)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474516 | 4 | Bushing, Reduction | |
| 2 | 91474515 | 2 | Bushing, Thrust | |
| 3 | 7028083 | 2 | Support | |
| 4 | 91514099 | 2 | Fitting, Grease | |
| 5 | 80204117 | 2 | Plug | |
| 6 | 7028084 | 2 | Support | |

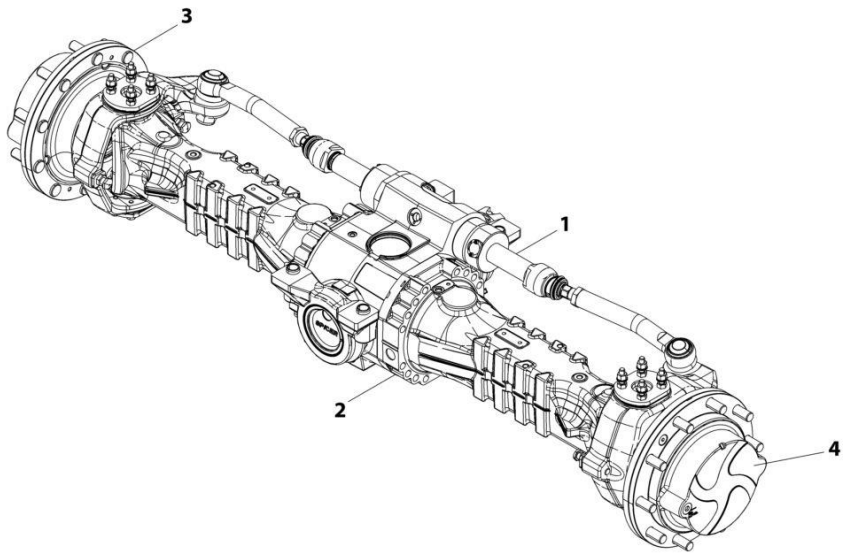
**FIGURE 5-48. PISTON KIT**



## FIGURE 5-48. PISTON KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026823 | Ref | Kit, Piston | |
| 1 | 91514165 | 3 | Spring | |
| 2 | 70025821 | 1 | O-Ring | |
| 3 | 70025822 | 1 | O-Ring | |

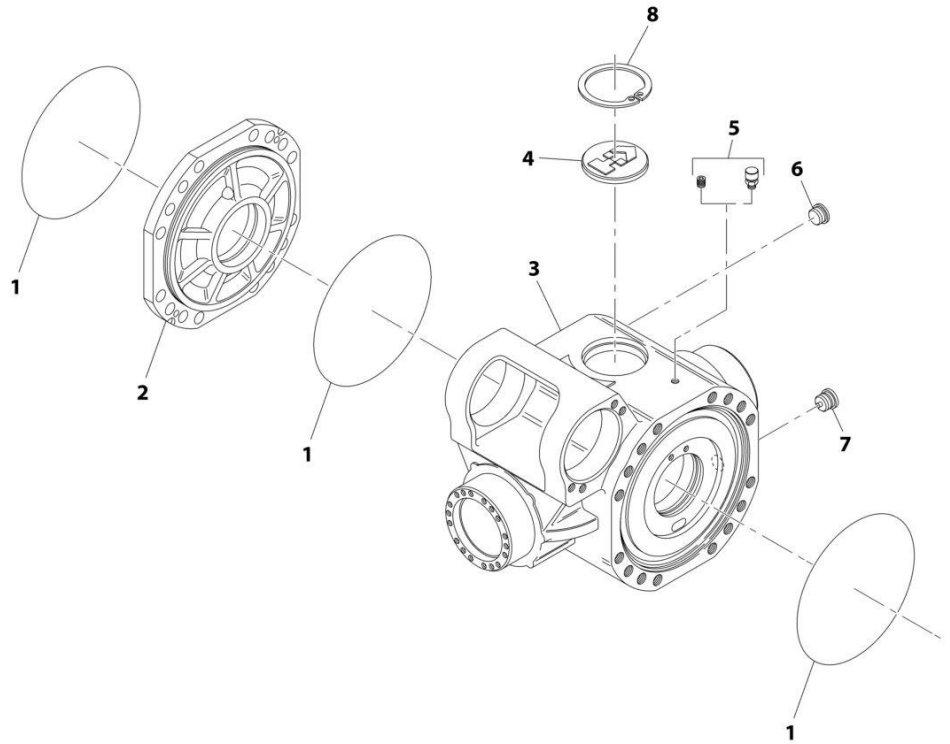
**FIGURE 5-49. REAR AXLE - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)**



## FIGURE 5-49. REAR AXLE - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151718 | Ref | Rear Axle - 4017RS (Foam Fill) | E |
| 1 | | Ref | Rear Axle, Central housing - 4017RS (Foam Fill) (See REAR AXLE, CENTRAL HOUSING - 4017RS (FOAM FILL) for Breakdown) | |
| 2 | | Ref | Rear Axle, Differential - 4017RS (Foam Fill) (See REAR AXLE, DIFFERENTIAL - 4017RS (FOAM FILL) for Breakdown) | |
| 3 | | Ref | Rear Axle, Hub Reduction - 4017RS (Foam Fill) (See REAR AXLE, HUB REDUCTION - 4017RS (FOAM FILL) for Breakdown) | |
| 4 | | Ref | Rear Axle, Brakes - 4017RS (Foam Fill) (See REAR AXLE, BRAKES - 4017RS (FOAM FILL) for Breakdown) | |
| 5 | | Ref | Rear Axle, Steering - 4017RS (Foam Fill) (See REAR AXLE, STEERING - 4017RS (FOAM FILL) for Breakdown) | |
| 6 | | Ref | Rear Axle, Trunion - 4017RS (Foam Fill) (See REAR AXLE, TRUNION - 4017RS (FOAM FILL) for Breakdown) | |

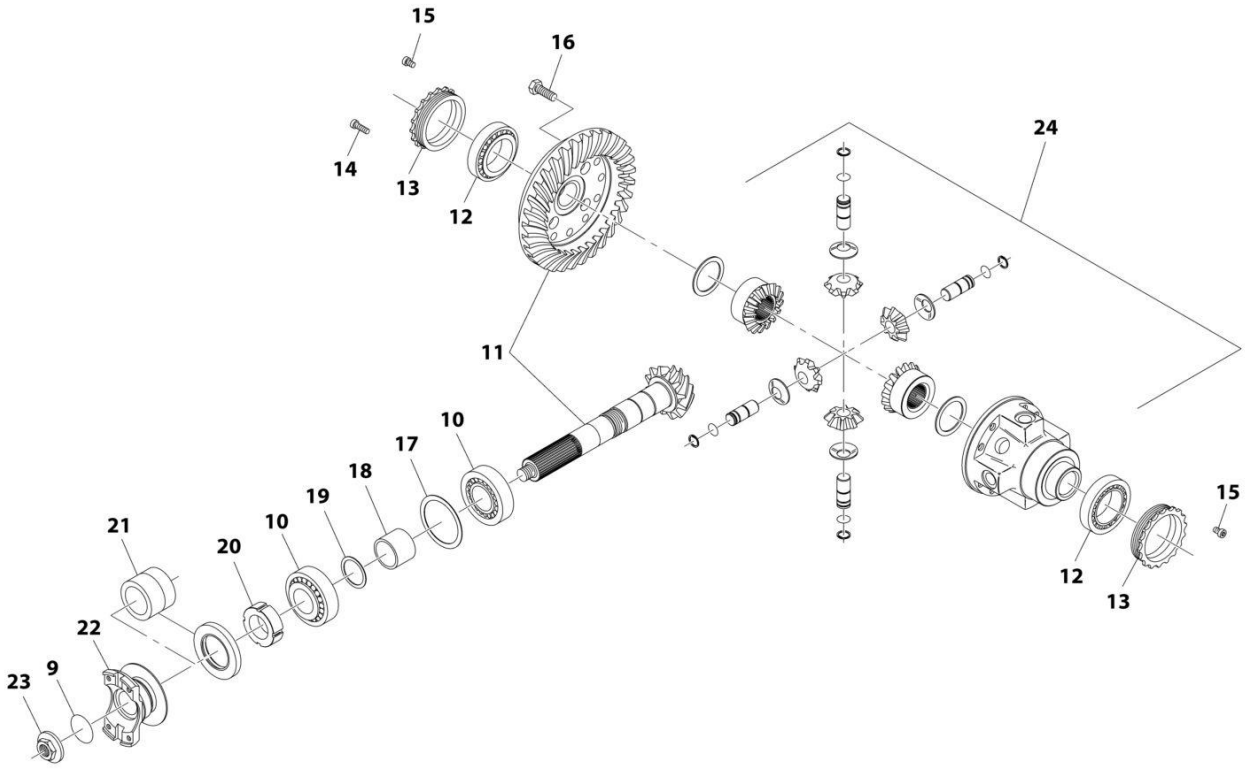
**FIGURE 5-50. REAR AXLE, CENTRAL HOUSING - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)**



## FIGURE 5-50. REAR AXLE, CENTRAL HOUSING - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024519 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Plug, Magnet | |
| 8 | 80204005 | 1 | Circlip | |

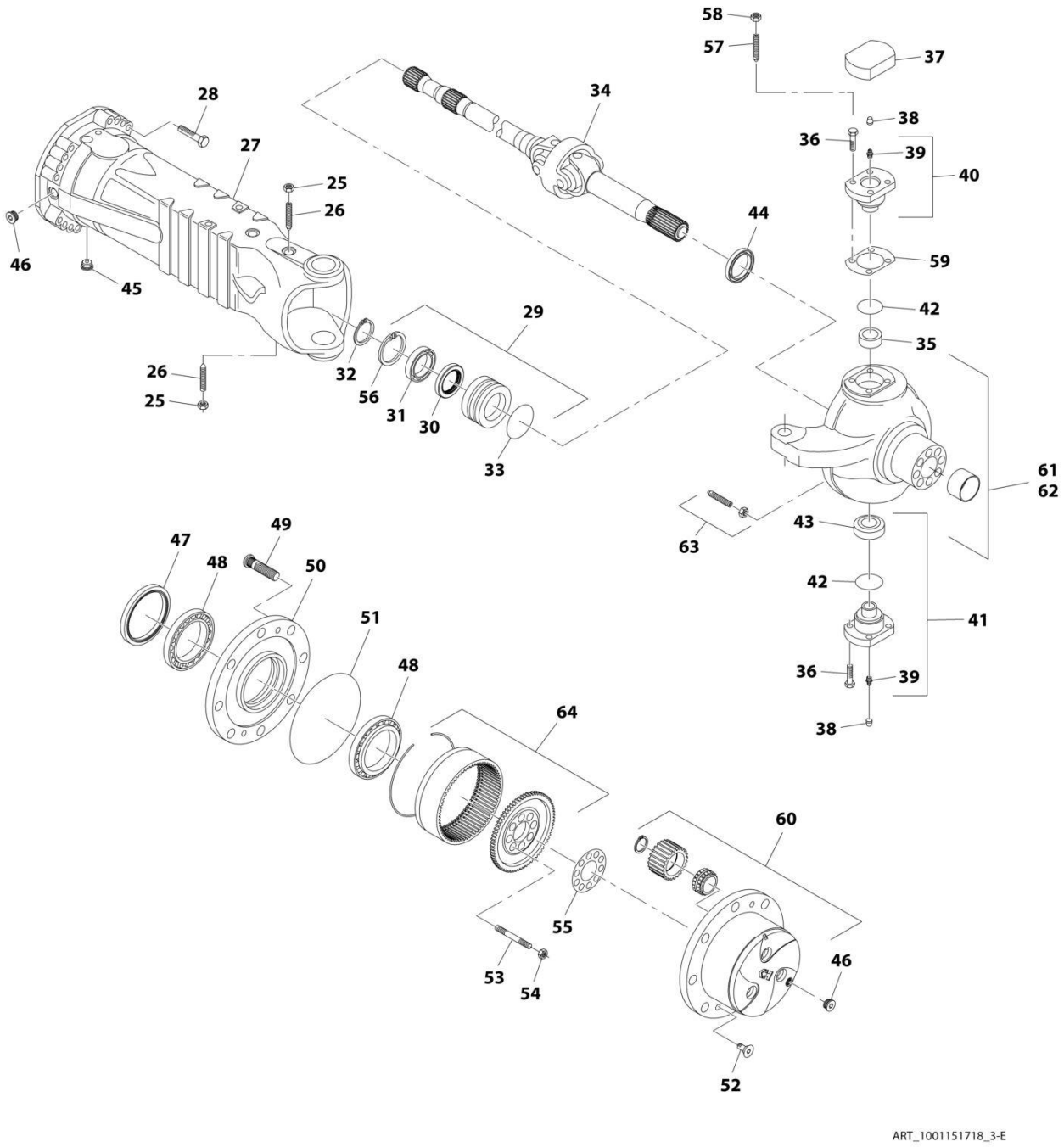
## FIGURE 5-51. REAR AXLE, DIFFERENTIAL - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-51. REAR AXLE, DIFFERENTIAL - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 91474529 | 1 | O-Ring | |
| 10 | 3968141 | 2 | Bearing, Taper Roller | |
| 11 | 70025554 | 1 | Set, Bevel Gear | |
| 12 | 70028471 | 2 | Bearing, Taper Roller | |
| 13 | 91474547 | 2 | Nut, Ring | |
| 14 | 91474591 | 4 | Bolt | |
| 15 | 91514134 | 2 | Bolt | |
| 16 | 70025562 | 12 | Bolt | |
| 17 | 70025555 | 1 | Kit, Shim | |
| 18 | 91474539 | 1 | Spacer | |
| 19 | 70025556 | 1 | Kit, Shim | |
| 20 | 91474533 | 1 | Nut, Ring | |
| 21 | 70024522 | 1 | Seal | |
| 22 | 7029427 | 1 | Flange Plate Kit | |
| 23 | 70026631 | 1 | Nut | |
| 24 | 91474596 | 1 | Differential Kit | |

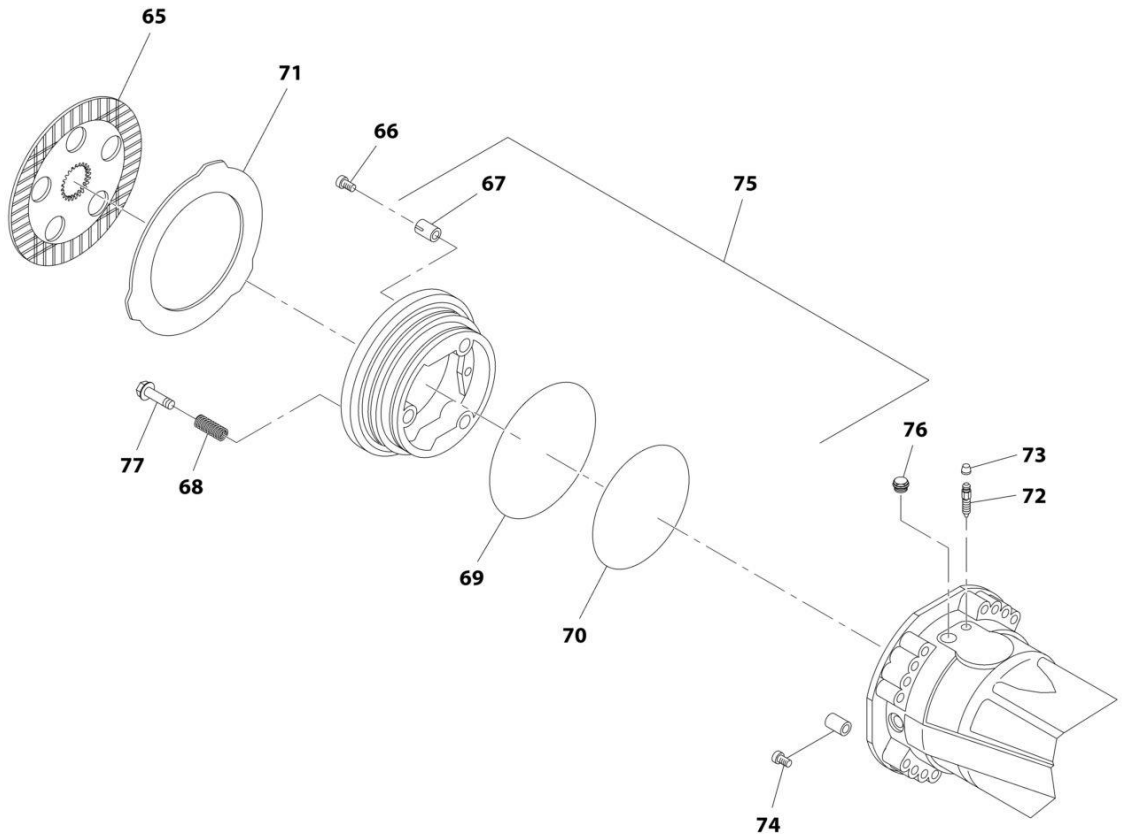
## FIGURE 5-52. REAR AXLE, HUB REDUCTION - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-52. REAR AXLE, HUB REDUCTION - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 25 | 91514082 | 2 | Nut | |
| 26 | 91514081 | 2 | Bolt | |
| 27 | 70025557 | 2 | Case, Axle | |
| 28 | 70022799 | 32 | Bolt | |
| 29 | 91514149 | 2 | Bushing, Reduction | |
| 30 | 91514147 | 2 | Seal | |
| 31 | 91514146 | 2 | Bearing, Ball | |
| 32 | 80204071 | 2 | Circlip | |
| 33 | 91514148 | 2 | O-Ring | |
| 34 | 70026071 | 2 | Joint, Double Universal | |
| 35 | 7028714 | 2 | Bushing | |
| 36 | 70025562 | 12 | Bolt | |
| 37 | 70028392 | 2 | Cover | |
| 38 | 80204117 | 2 | Plug | |
| 39 | 70024881 | 2 | Fitting, Grease | |
| 40 | 91514112 | 2 | Pin, Pivot | |
| 41 | 7028715 | 2 | Pin, Pivot | |
| 42 | 7028716 | 2 | Seal, Dust | |
| 43 | 91514095 | 2 | Bearing | |
| 44 | 70025857 | 2 | Seal | |
| 45 | 91474513 | 2 | Plug, Magnet | |
| 46 | 91514188 | 4 | Plug | |
| 47 | 7028721 | 2 | Seal | |
| 48 | 91474576 | 4 | Bearing | |
| 49 | 8000877 | 20 | Stud, Wheel | |
| 50 | 7028722 | 2 | Hub, Wheel | |
| 51 | 91514181 | 2 | O-Ring | |
| 52 | 91514189 | 4 | Bolt, Countersunk | |
| 53 | 70027315 | 20 | Stud | |
| 54 | 91474584 | 20 | Nut | |
| 55 | 91474582 | 2 | Plate, Locking | |
| 56 | 80204005 | 2 | Circlip | |
| 57 | 70025819 | 8 | Stud | |
| 58 | 91514120 | 8 | Nut | |
| 59 | 70025561 | 1 | Kit, Shim | |
| 60 | 70040710 | 1 | Carrier, Planet Gear | |
| 61 | 7028729 | 1 | Case, Steering LH | |
| 62 | 7028730 | 1 | Case, Steering RH | |
| 63 | 7028733 | 4 | Bolt, Steering Adjusting | |
| 64 | 70025551 | 2 | Support, Ring Gear | |

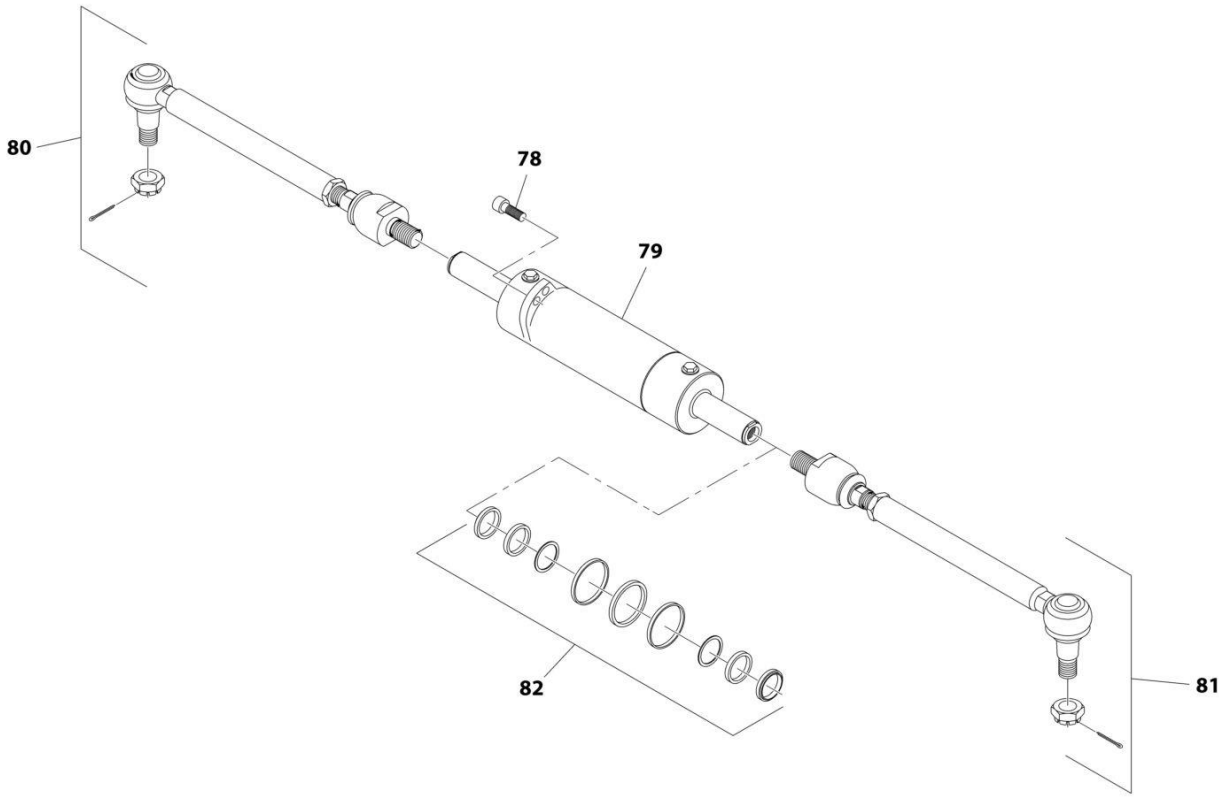
## FIGURE 5-53. REAR AXLE, BRAKES - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-53. REAR AXLE, BRAKES - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 65 | 91474568 | 6 | Disc | |
| 66 | 7029786 | 6 | Bolt, Adjusting | |
| 67 | 70027317 | 6 | Spring | |
| 68 | 91514159 | 6 | Spring | |
| 69 | 70025821 | 2 | O-Ring | |
| 70 | 70025822 | 2 | O-Ring | |
| 71 | 70025823 | 8 | Disc, Intermediate Brake | |
| 72 | 80204281 | 2 | Bolt, Bleeding | |
| 73 | 80204117 | 2 | Plug | |
| 74 | 70021613 | 2 | Pilot Bolt | |
| 75 | 70027772 | 2 | Piston | |
| 76 | 91514154 | 2 | Plug | |
| 77 | 70024210 | 6 | Bolt, Adjusting | |

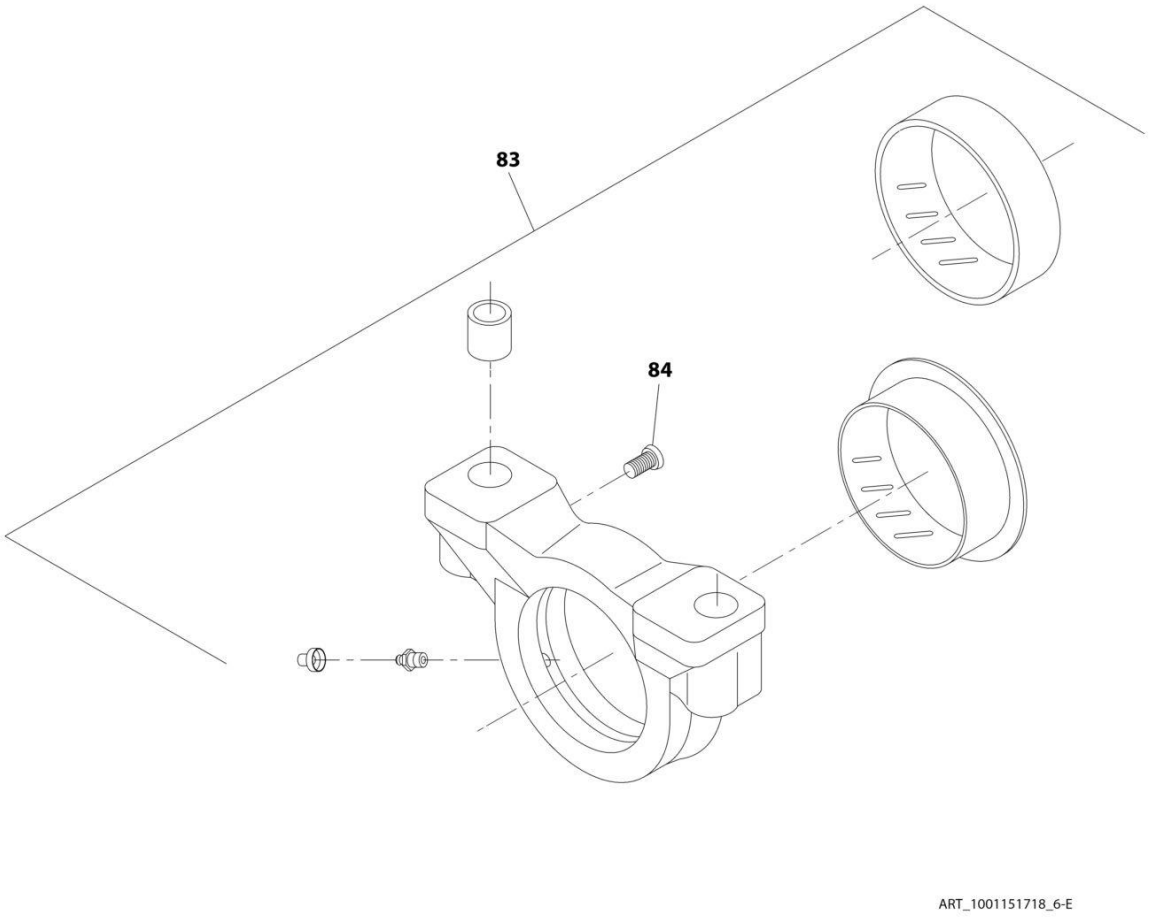
## FIGURE 5-54. REAR AXLE, STEERING - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-54. REAR AXLE, STEERING - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 78 | 91474522 | 4 | Bolt | |
| 79 | 70025553 | 1 | Cylinder | |
| 80 | 8007803 | 1 | Bar | |
| 80 | 70022773 | 1 | Nut | |
| 81 | 8007804 | 1 | Bar | |
| 81 | 70022773 | 1 | Nut | |
| 82 | 70025842 | 1 | Seal, Kit | |

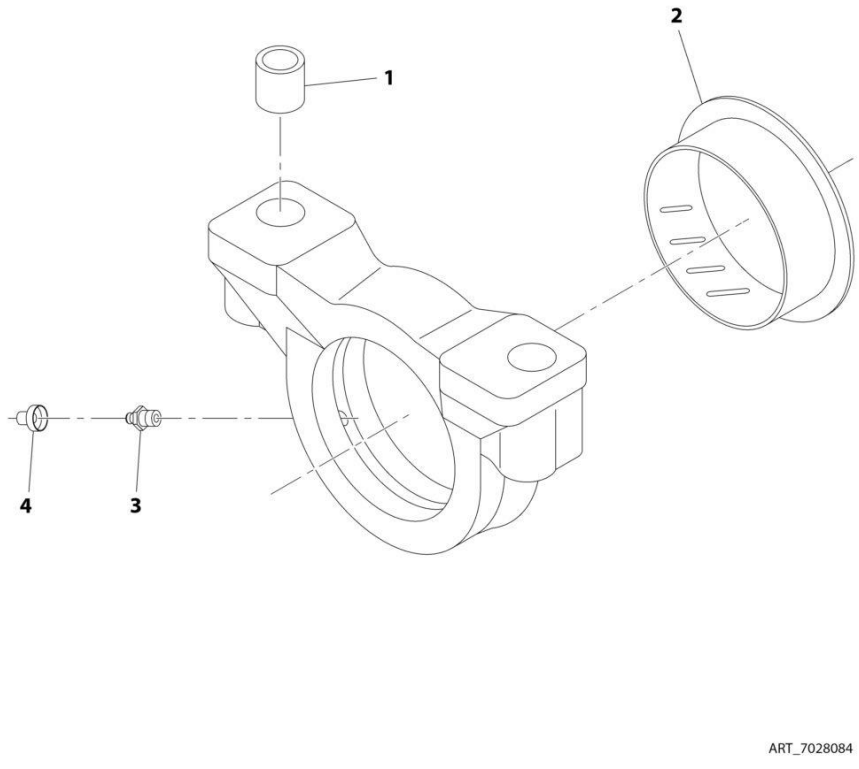
**FIGURE 5-55. REAR AXLE, TRUNION - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)**



## FIGURE 5-55. REAR AXLE, TRUNION - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 83 | 7028084 | 2 | Support (See Separate Breakdown in this Section) | |

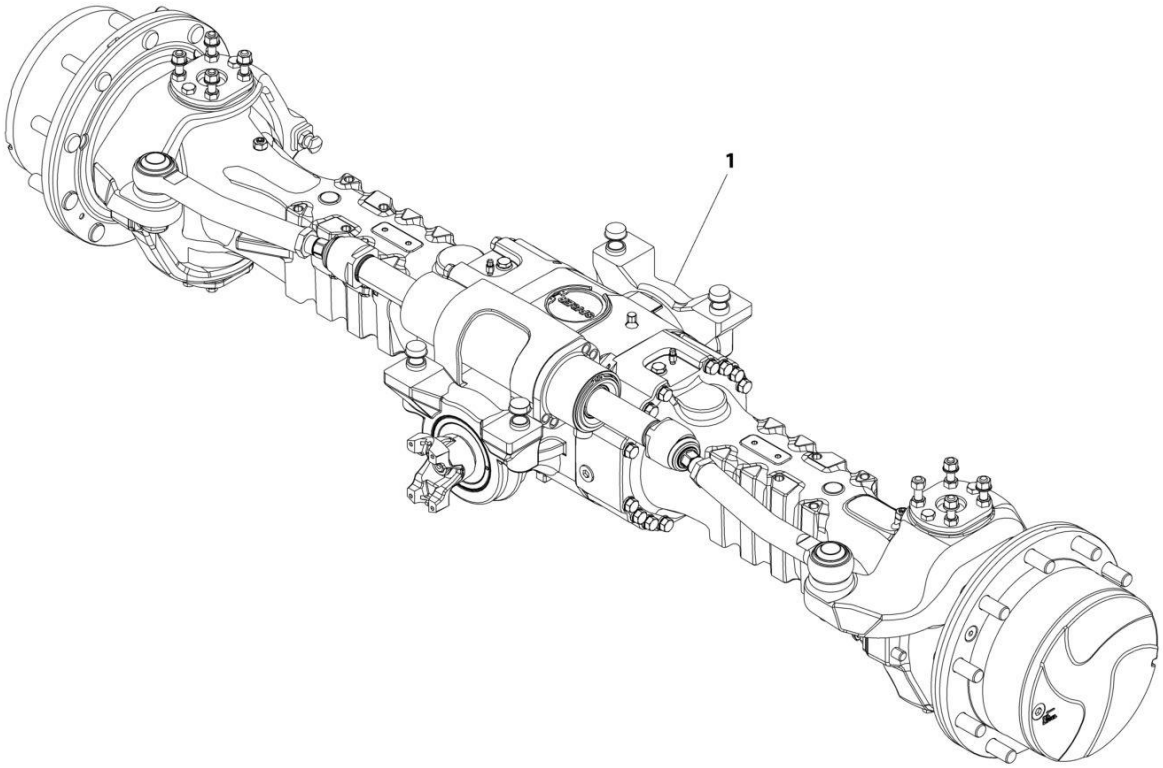
## FIGURE 5-56. SUPPORT - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)



## FIGURE 5-56. SUPPORT - 4017RS (FOAM FILL) (SN 1160007024 through 1160007543, Excluding 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028084 | Ref | Support | |
| 1 | 91474516 | 4 | Bushing, Reduction | |
| 2 | 91474515 | 2 | Bushing, Thrust | |
| 3 | 70024881 | 2 | Fitting, Grease | |
| 4 | 80204117 | 2 | Plug | |

**FIGURE 5-57. REAR AXLE - 4017RS (FOAM FILL) (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

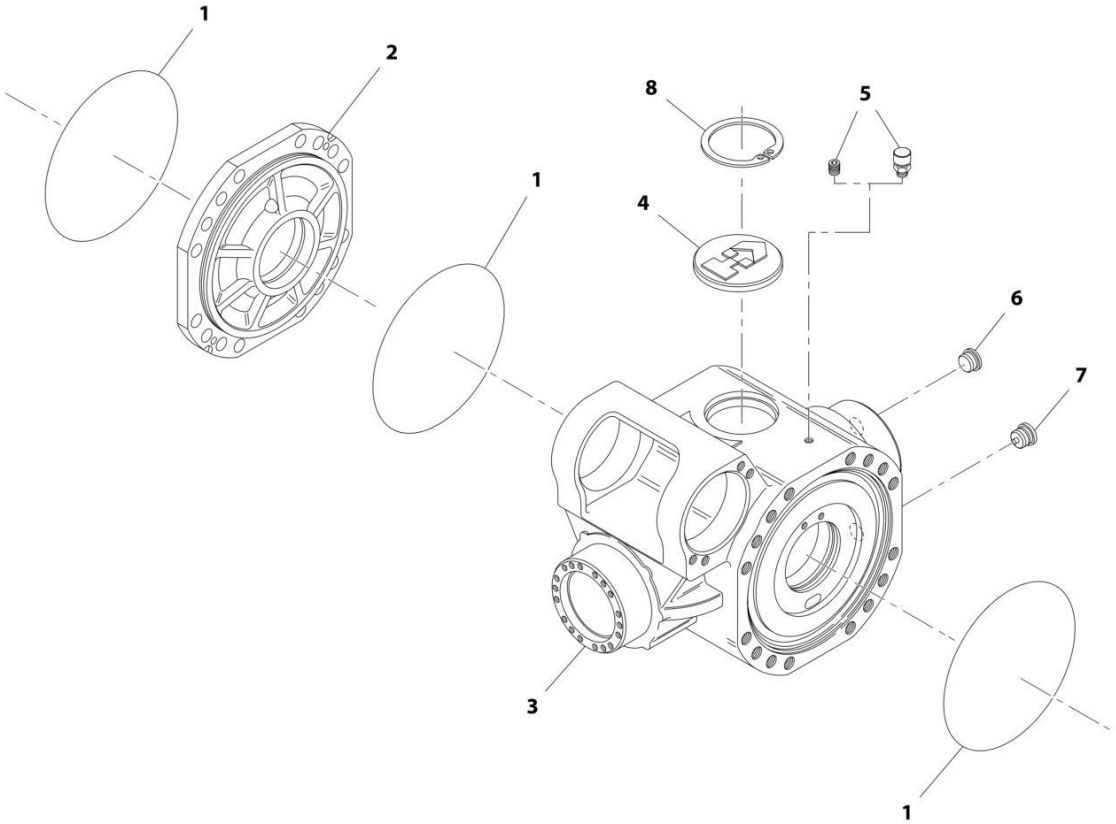



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## FIGURE 5-57. REAR AXLE - 4017RS (FOAM FILL) (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001182622 | Ref | Rear Axle - 4017RS (Foam Fill) | A |
| 1 | | Ref | Rear Axle, Central Housing - 4017RS (Foam Fill) (See Separate Breakdown in this Section) | |
| 2 | | Ref | Rear Axle, Differential - 4017RS (Foam Fill) (See Separate Breakdown in this Section) | |
| 3 | | Ref | Rear Axle, Hub Reduction - 4017RS (Foam Fill) (See Separate Breakdown in this Section) | |
| 4 | | Ref | Rear Axle, Brakes - 4017RS (Foam Fill) (See Separate Breakdown in this Section) | |
| 5 | | Ref | Rear Axle, Steering - 4017RS (Foam Fill) (See Separate Breakdown in this Section) | |
| 6 | | Ref | Rear Axle, Trunion - 4017RS (Foam Fill) (See Separate Breakdown in this Section) | |

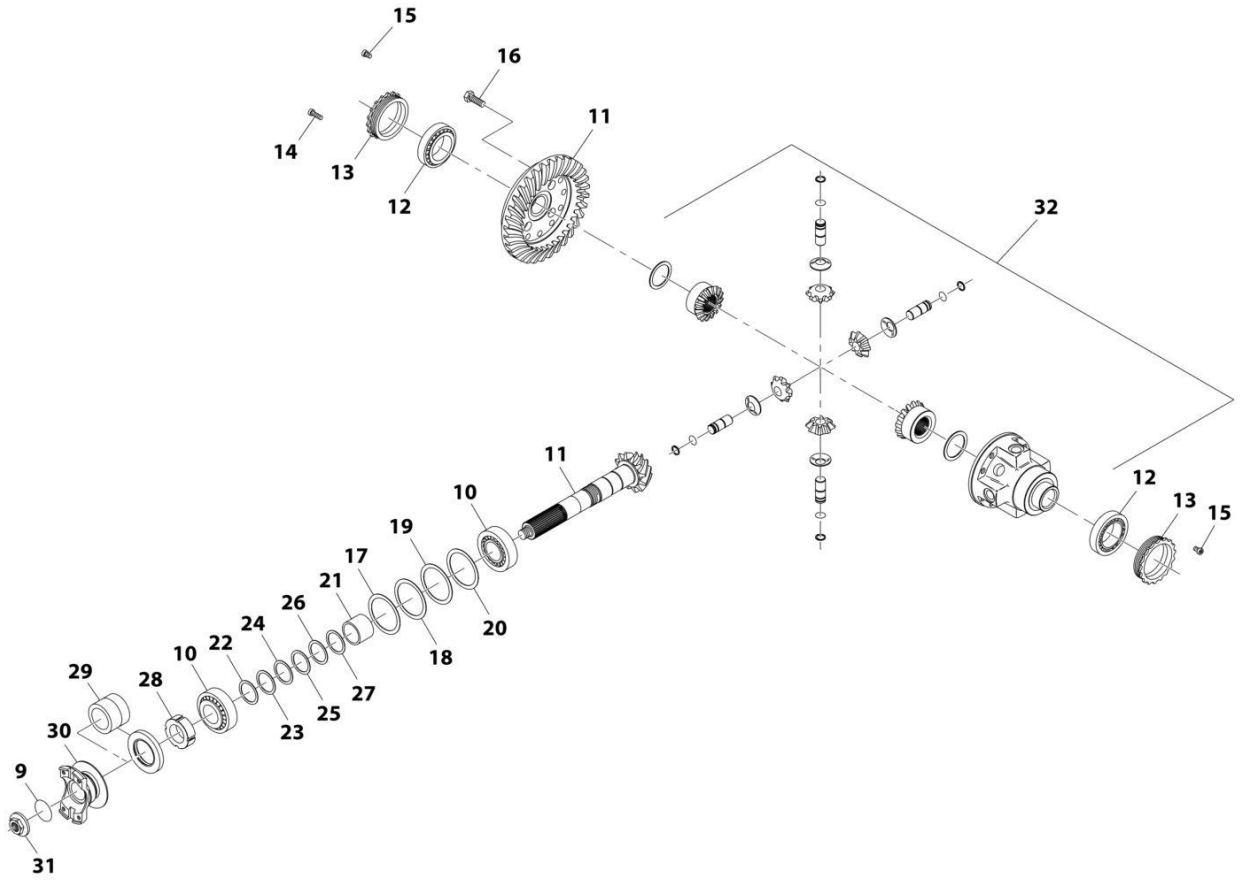
**FIGURE 5-58. REAR AXLE, CENTRAL HOUSING - 4017RS (FOAM FILL) (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-58. REAR AXLE, CENTRAL HOUSING - 4017RS (FOAM FILL) (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024519 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Magnetic Plug | |
| 9 | 80204005 | 1 | Circlip | |

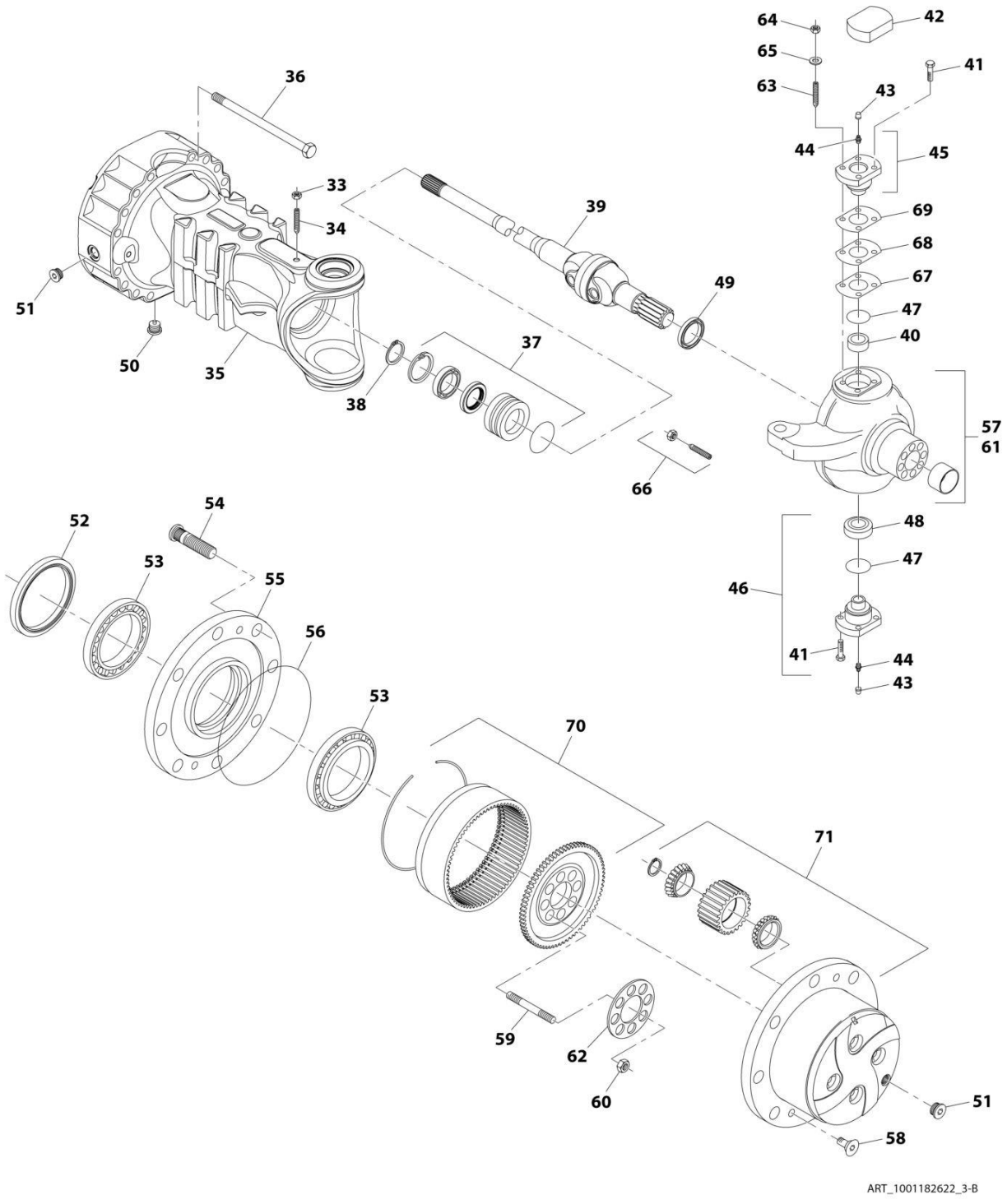
**FIGURE 5-59. REAR AXLE, DIFFERENTIAL - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-59. REAR AXLE, DIFFERENTIAL - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 91474529 | 1 | O-Ring | |
| 10 | 3968141 | 2 | Taper Roller Bearing | |
| 11 | 70025554 | 1 | Bevel Gear Set | |
| 12 | 70026031 | 2 | Taper Roller Bearing | |
| 13 | 91474547 | 2 | Ring Nut | |
| 14 | 91474591 | 4 | Cylinder Bolt | |
| 15 | 91514134 | 2 | Bolt | |
| 16 | 91514123 | 12 | Bolt | |
| 17 | 91474540 | 1 | Shim | |
| 18 | 91474541 | 1 | Shim | |
| 19 | 91474542 | 1 | Shim | |
| 20 | 91474543 | 1 | Shim | |
| 21 | 91474539 | 1 | Spacer | |
| 22 | 91474535 | 1 | Shim | |
| 23 | 91474536 | 1 | Shim | |
| 24 | 91474537 | 1 | Shim | |
| 25 | 91474538 | 1 | Shim | |
| 26 | 70024520 | 1 | Shim | |
| 27 | 70024521 | 1 | Shim | |
| 28 | 91474533 | 1 | Ring Nut | |
| 29 | 70024522 | 1 | Seal | |
| 30 | 7029427 | 1 | Flange | |
| 31 | 70026631 | 1 | Nut | |
| 32 | 91474596 | 1 | Differential Kit (See Separate Breakdown in this Section) | |

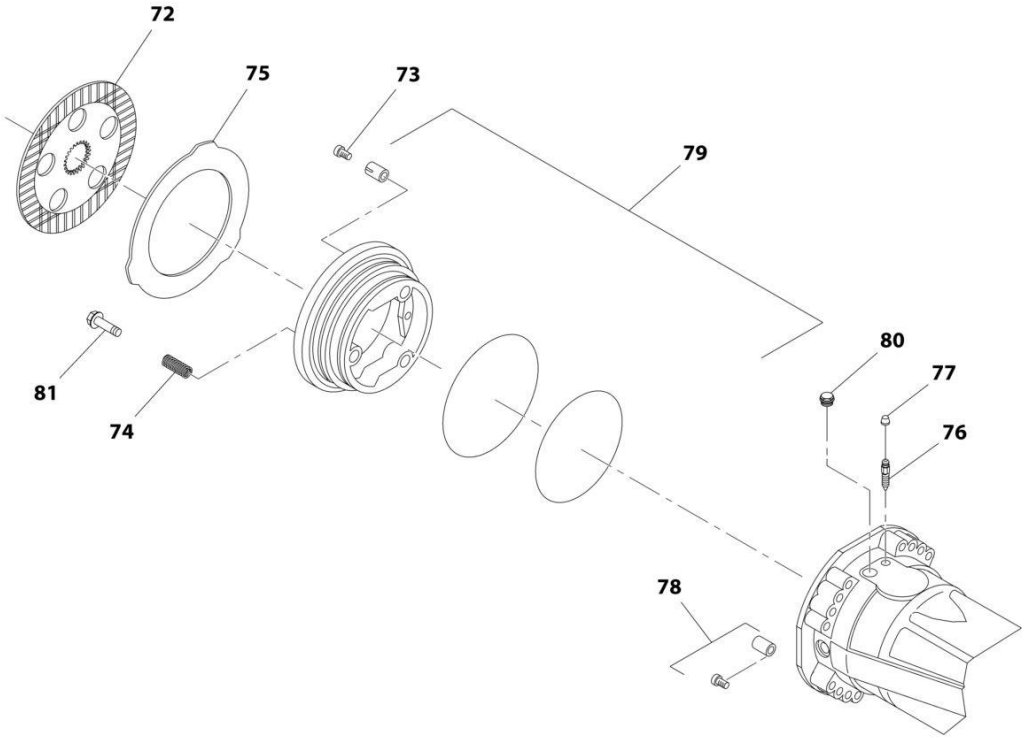
**FIGURE 5-60. REAR AXLE, HUB REDUCTION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-60. REAR AXLE, HUB REDUCTION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 91514082 | 2 | Nut | |
| 34 | 91514081 | 2 | Bolt | |
| 35 | 70025557 | 2 | Axle Case | |
| 36 | 70022799 | 32 | Bolt | |
| 37 | 91514149 | 2 | Reduction Bushing | |
| 38 | 80204071 | 2 | Circlip | |
| 39 | 70027143 | 2 | Double Universal Joint | |
| 40 | 7028714 | 2 | Bushing | |
| 41 | 70025562 | 16 | Bolt | |
| 42 | 70025549 | 2 | Cover | |
| 43 | 80204117 | 2 | Plug | |
| 44 | 91514099 | 4 | Grease Fitting | |
| 45 | 91514112 | 2 | Pivot Pin | |
| 46 | 7028715 | 2 | Pivot Pin | |
| 47 | 7028716 | 4 | Dust Excluder | |
| 48 | 91514095 | 2 | Bearing | |
| 49 | 70026238 | 2 | Seal | |
| 50 | 91474513 | 2 | Magnetic Plug | |
| 51 | 91514188 | 4 | Plug | |
| 52 | 7028721 | 2 | Seal | |
| 53 | 91474576 | 4 | Bearing | |
| 54 | 8000877 | 20 | Wheel Stud | |
| 55 | 7028722 | 2 | Wheel Hub | |
| 56 | 91514181 | 2 | O-Ring | |
| 57 | 70027144 | 1 | Steering Case Kit LH (See Separate Breakdown in this Section) | |
| 58 | 91514189 | 4 | Countersunk Bolt | |
| 59 | 91474583 | 20 | Stud | |
| 60 | 91474584 | 20 | Nut | |
| 61 | 70027145 | 1 | Steering Case Kit RH (See Separate Breakdown in this Section) | |
| 62 | 91474582 | 2 | Locking Plate | |
| 63 | 70025819 | 8 | Stud | |
| 64 | 91514120 | 8 | Nut | |
| 65 | 91514119 | 8 | Washer | |
| 66 | 7028733 | 4 | Steering Adjust Bolt Kit (See Separate Breakdown in this Section) | |
| 67 | 91514113 | 2 | Shim | |
| 68 | 91514114 | 2 | Shim | |
| 69 | 91514115 | 2 | Shim | |
| 70 | 70025551 | 2 | Ring Gear Support Kit (See Separate Breakdown in this Section) | |
| 71 | 70040710 | 2 | Planet Gear Carrier Kit (See Separate Breakdown in this Section) | |

**FIGURE 5-61. REAR AXLE, BRAKES - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-61. REAR AXLE, BRAKES - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 72 | 91474568 | 6 | Disc | |
| 73 | 7029786 | 6 | Adjusting Bolt | |
| 74 | 91514159 | 6 | Spring | |
| 75 | 70025823 | 8 | Intermediate Brake Disc | |
| 76 | 2960243 | 2 | Bleeding Bolt | |
| 77 | 80204117 | 2 | Plug | |
| 78 | 70021613 | 2 | Pilot Bolt | |
| 79 | 70025841 | 2 | Piston | |
| 80 | 91514154 | 2 | Plug | |
| 81 | 70024210 | 6 | Adjusting Bolt | |

## FIGURE 5-62. REAR AXLE, STEERING - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

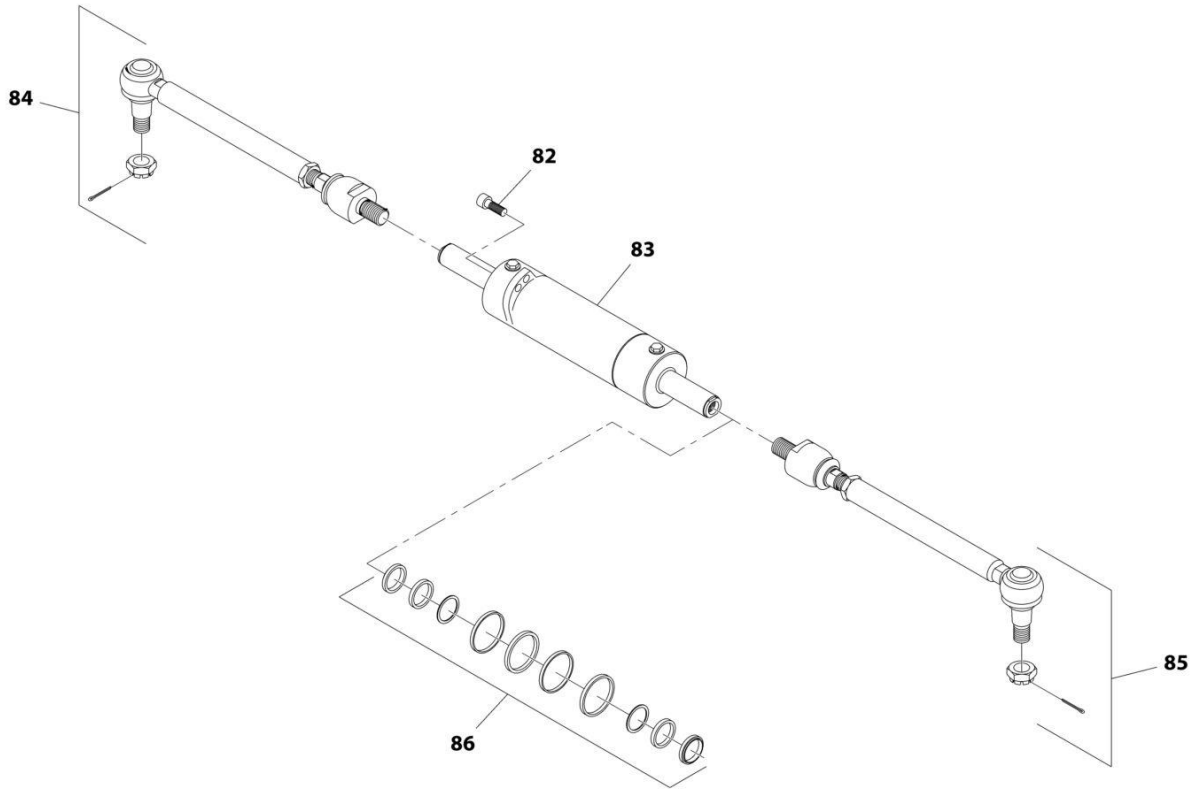
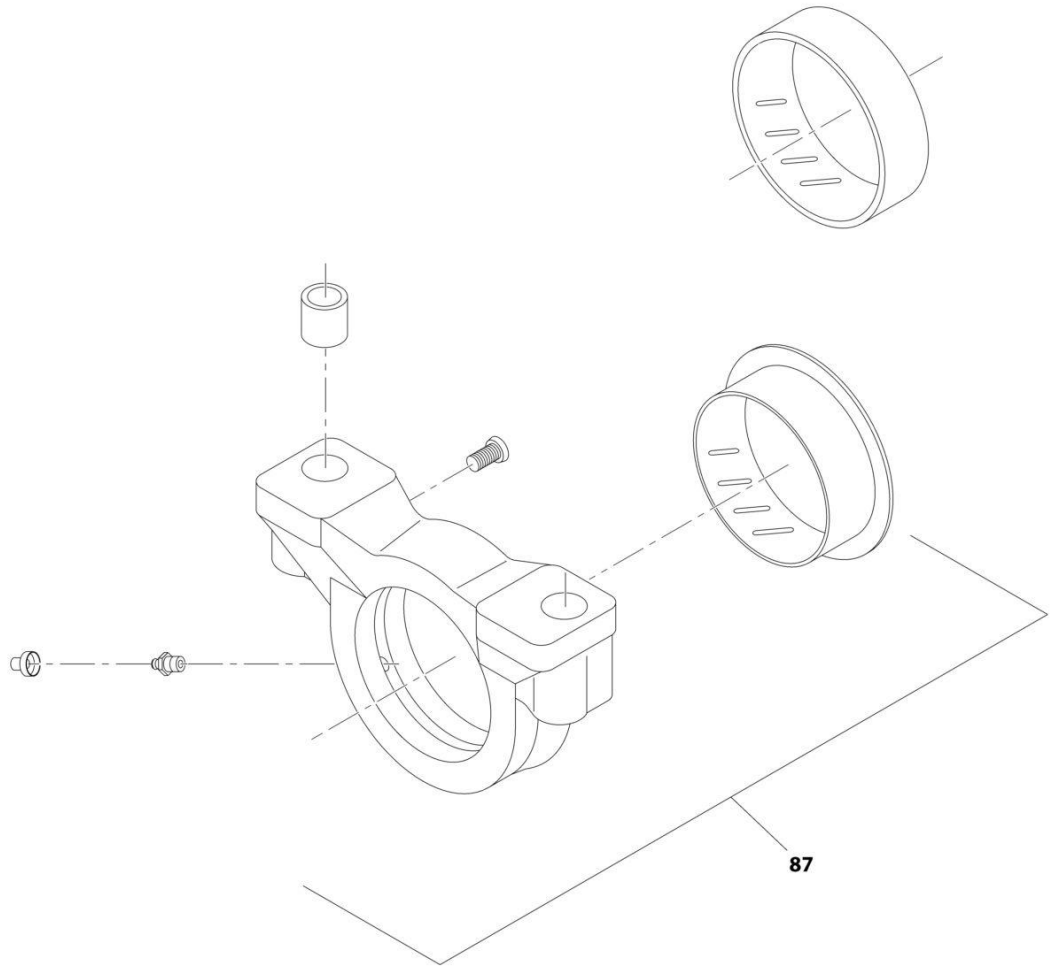


**FIGURE 5-62. REAR AXLE, STEERING - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 82 | 91474522 | 4 | Bolt | |
| 83 | 70025566 | 1 | Cylinder | |
| 84 | 70026752 | 1 | Bar | |
| 84 | 70022773 | 1 | Nut | |
| 85 | 70026751 | 1 | Bar | |
| 85 | 70022773 | 1 | Nut | |
| 86 | 70025842 | 1 | Seal Kit | |

**FIGURE 5-63. REAR AXLE, TRUNION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-63. REAR AXLE, TRUNION - 4017RS (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 87 | 70026630 | 2 | Trunion Kit (See Separate Breakdown in this Section) | |

**FIGURE 5-64. DIFFERENTIAL KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

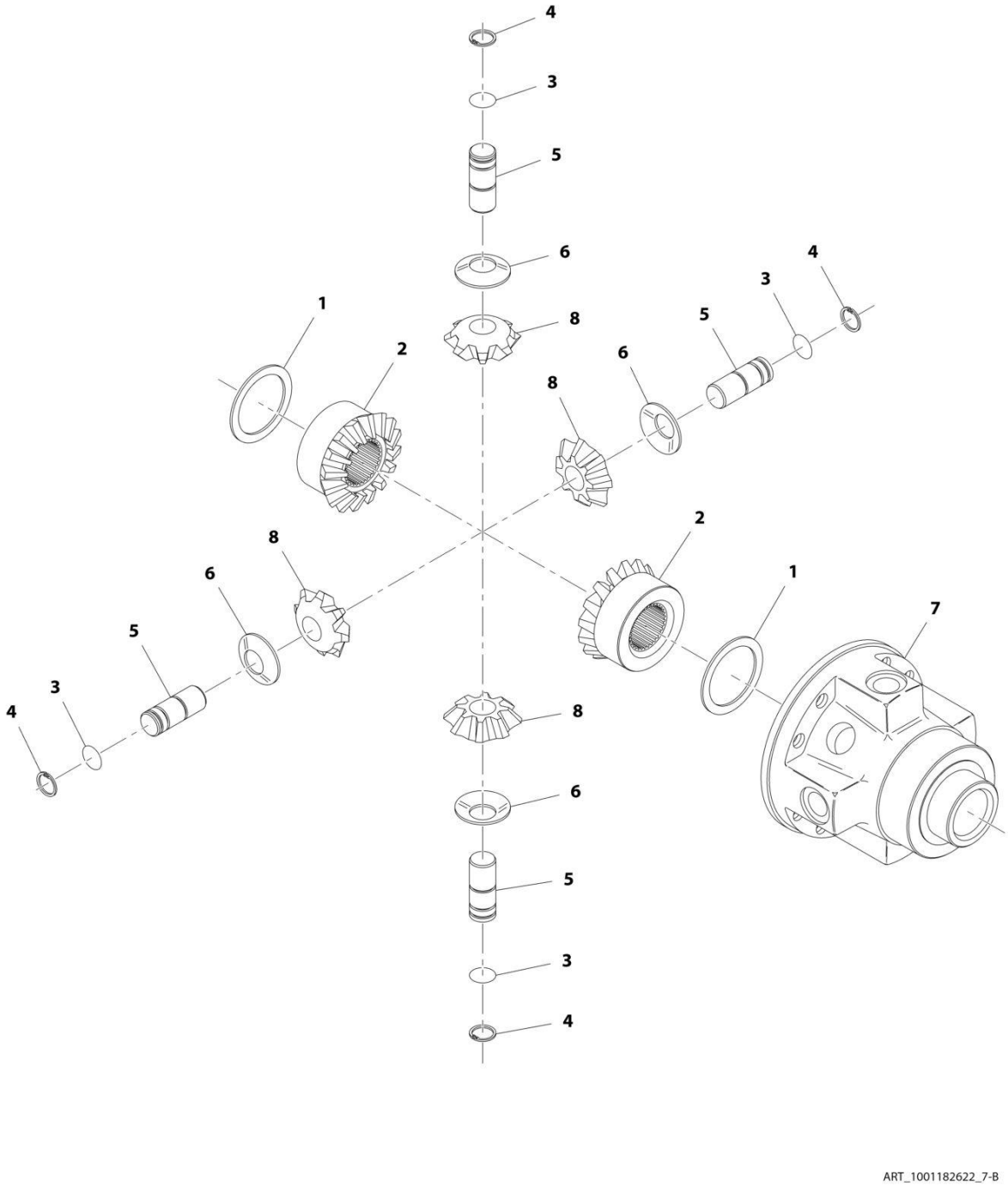


**FIGURE 5-64. DIFFERENTIAL KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 91474596 | Ref | Differential Kit | |
| 1 | 91474593 | 2 | Friction Washer | |
| 2 | 91474594 | 2 | Differential Side Gear | |
| 3 | 91474551 | 4 | Circlip | |
| 4 | 91474550 | 4 | Circlip | |
| 5 | 7029131 | 4 | Pin | |
| 6 | 91474553 | 4 | Friction Washer | |
| 7 | 91474595 | 1 | Differential Carrier | |
| 8 | 7029129 | 4 | Differential Pinion | |

**FIGURE 5-65. REDUCTION BUSHING (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

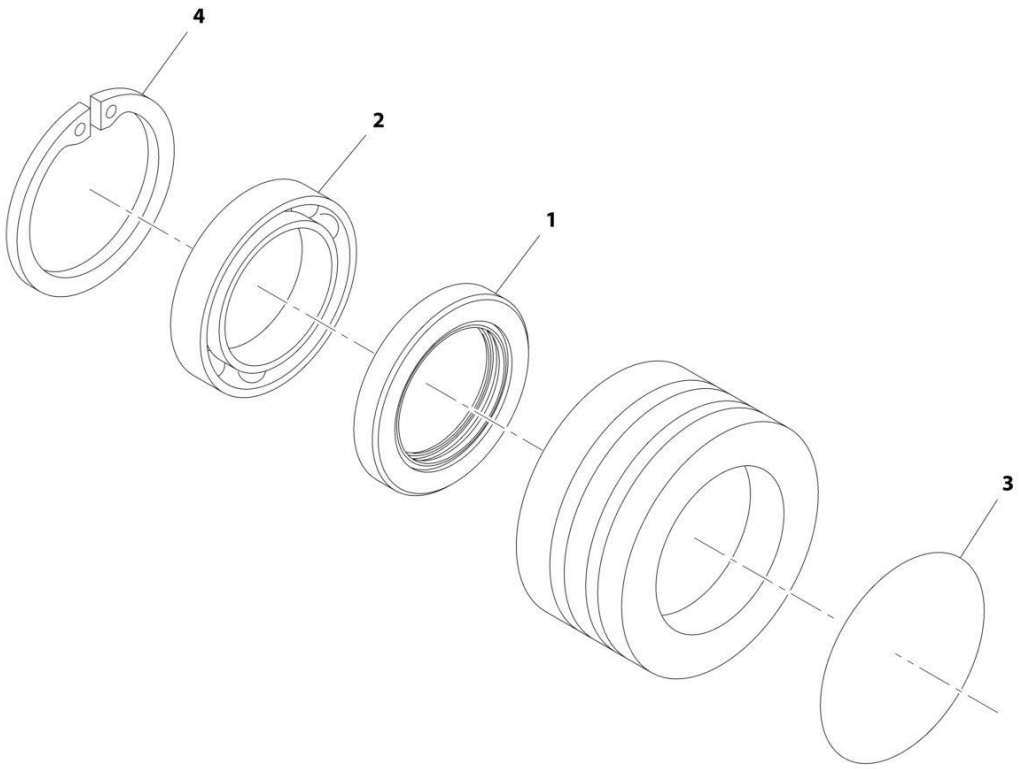


**FIGURE 5-65. REDUCTION BUSHING (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

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

**FIGURE 5-66. STEERING CASE KIT LH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

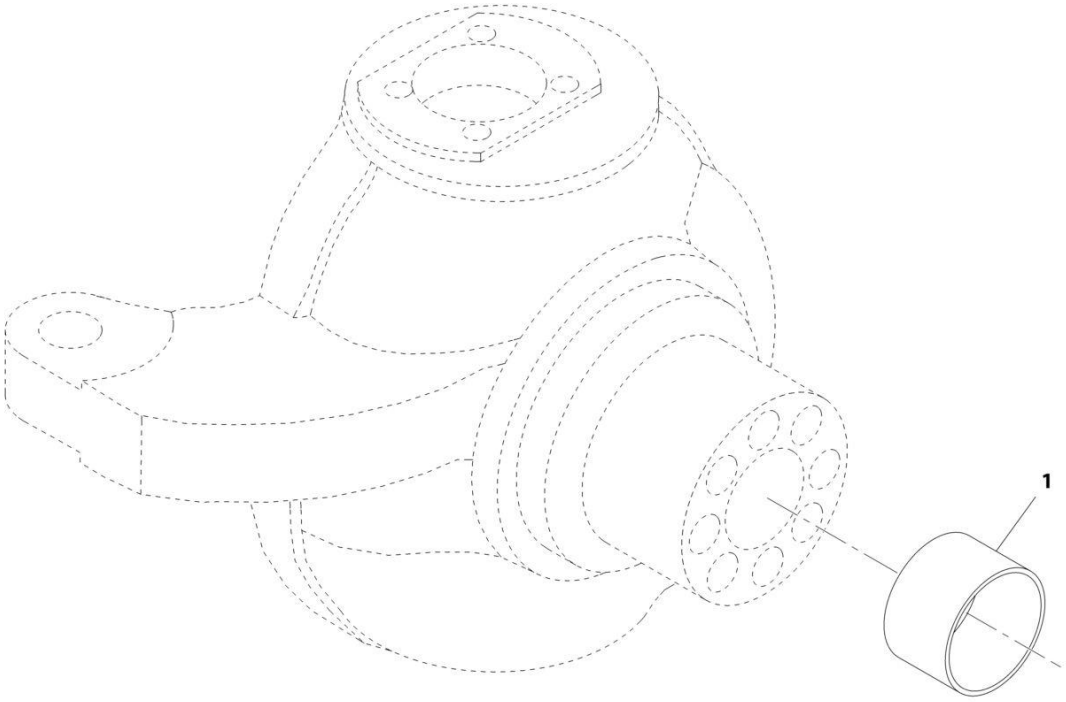


**FIGURE 5-66. STEERING CASE KIT LH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70027144 | Ref | Steering Case Kit LH | |
| 1 | 91514111 | 2 | Thrust Bushing | |

**FIGURE 5-67. STEERING CASE KIT RH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

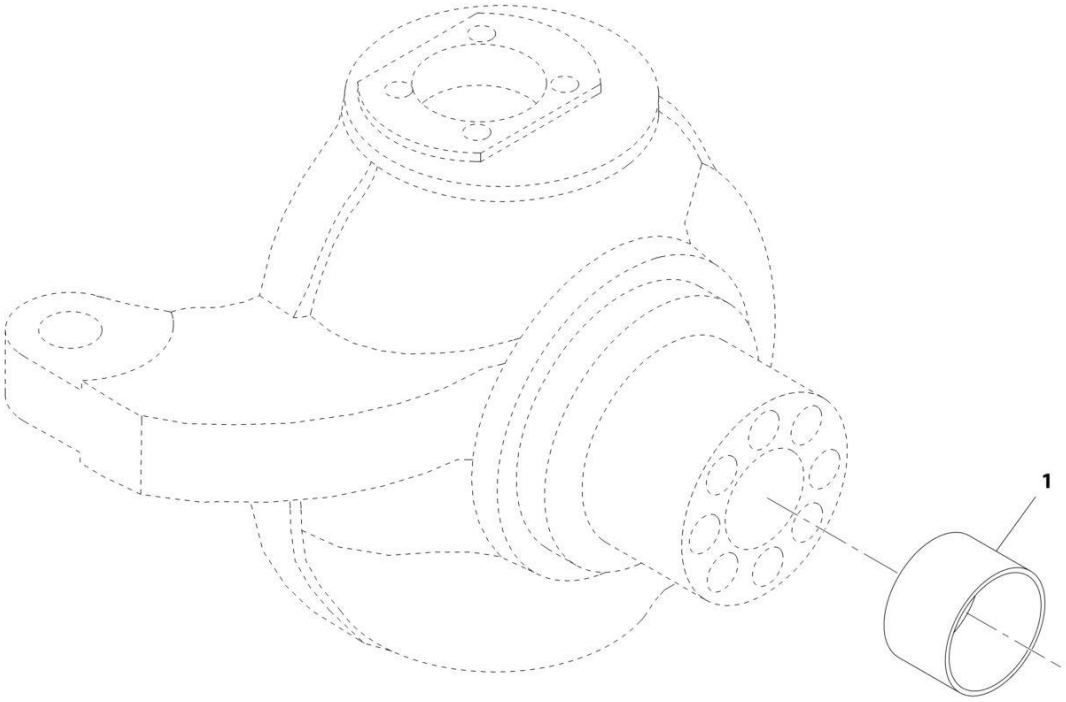
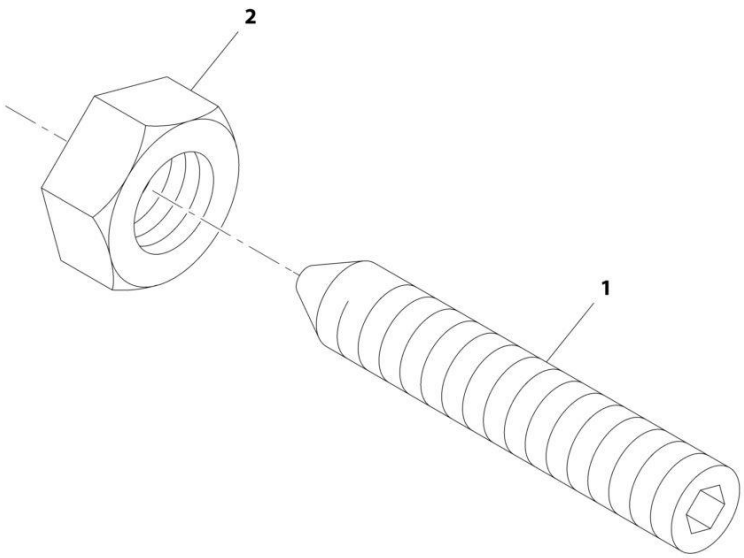


**FIGURE 5-67. STEERING CASE KIT RH (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70027145 | Ref | Steering Case Kit RH | |
| 1 | 91514111 | 2 | Thrust Bushing | |

**FIGURE 5-68. STEERING ADJUST BOLT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

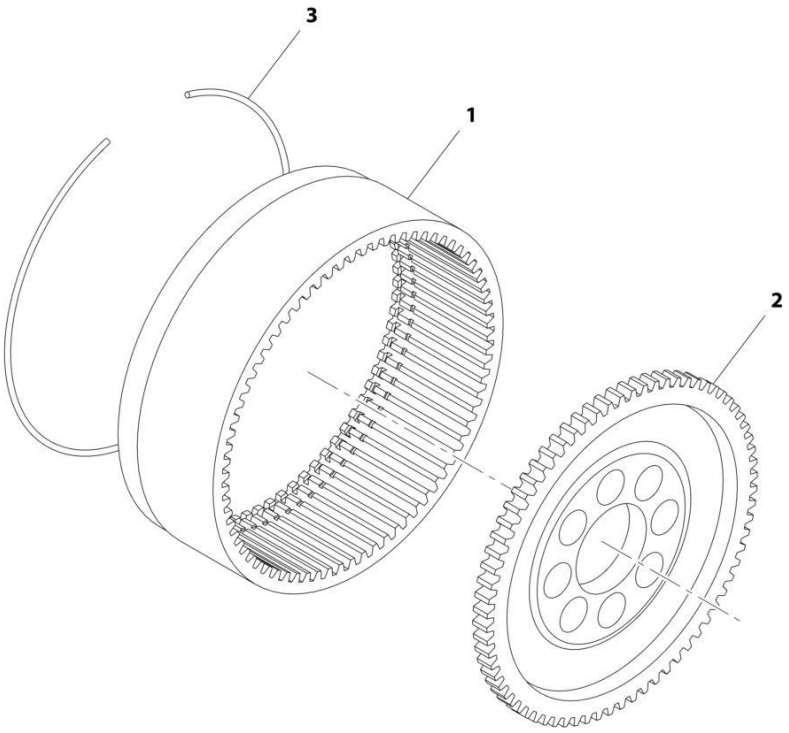



ART_1001182622_11-B

**FIGURE 5-68. STEERING ADJUST BOLT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028733 | Ref | Steering Adjust Bolt Kit | |
| 1 | 91514117 | 4 | Bolt | |
| 2 | 80204065 | 4 | Nut | |

**FIGURE 5-69. RING GEAR SUPPORT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

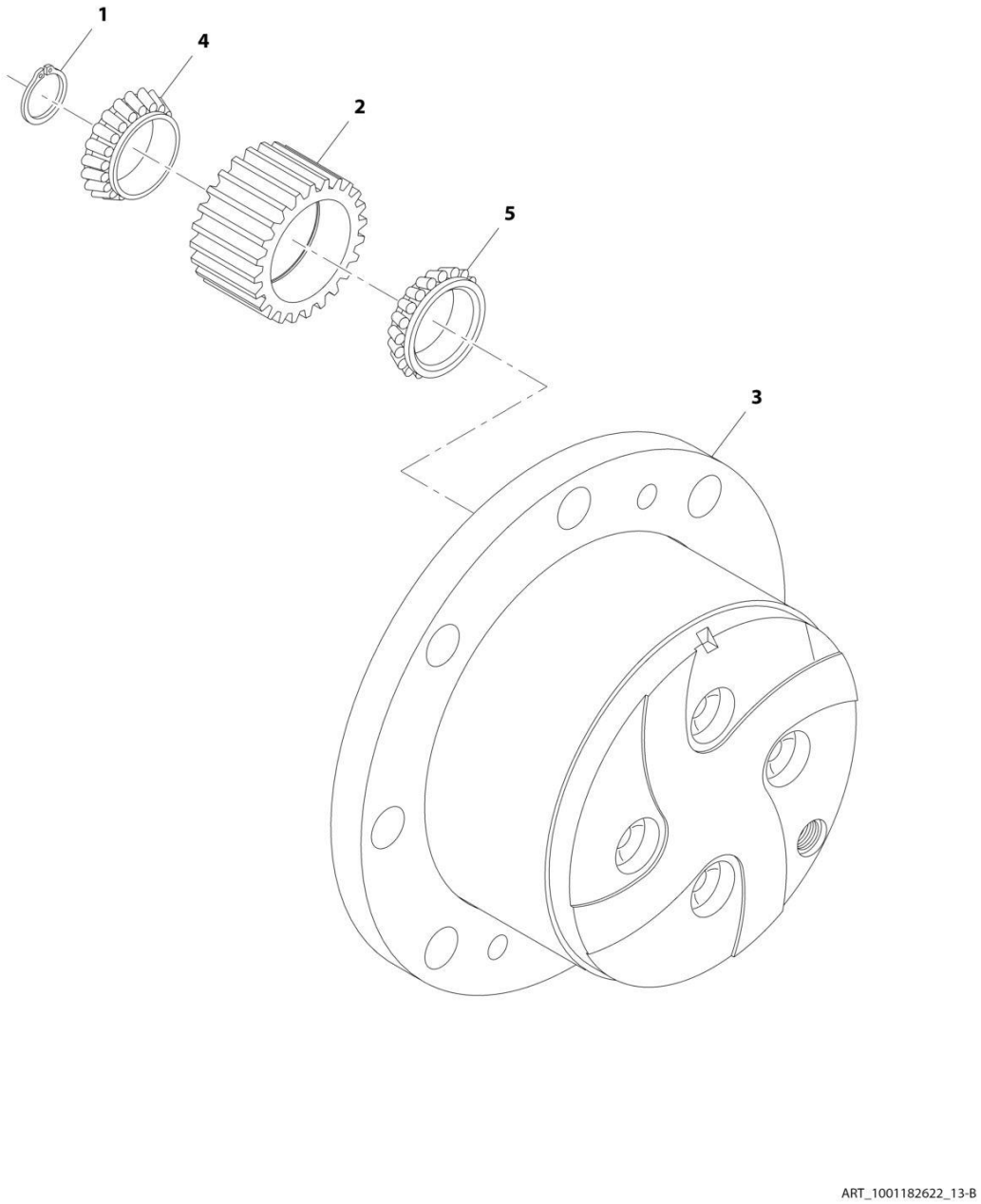



ART_1001182622_12-B

## FIGURE 5-69. RING GEAR SUPPORT KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70025551 | Ref | Ring Gear Support Kit | |
| 1 | 70024147 | 2 | Ring Gear | |
| 2 | 7028723 | 2 | Ring Gear Support | |
| 3 | 91514175 | 2 | Circlip | |

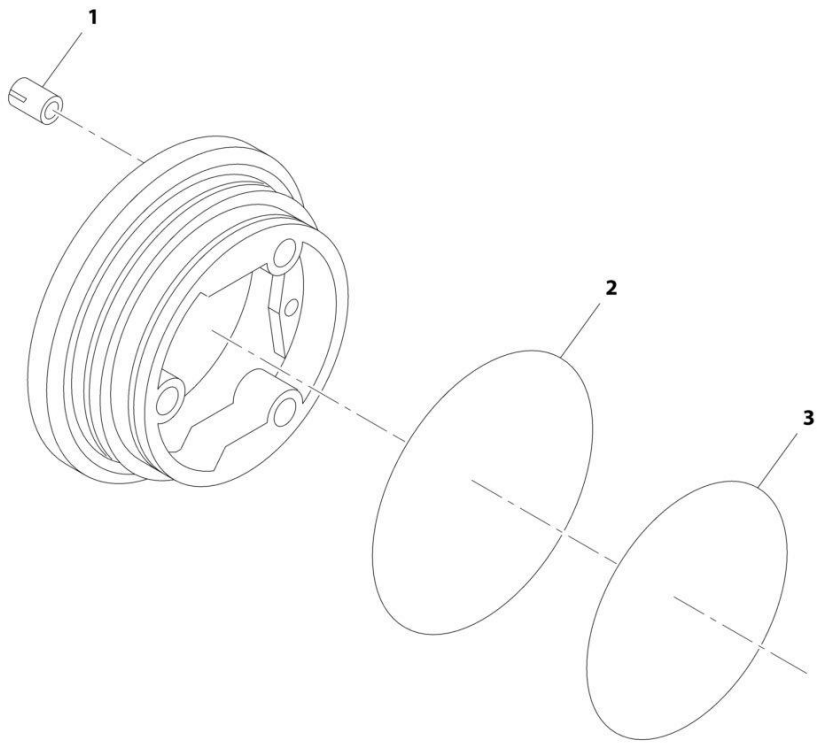
**FIGURE 5-70. PLANET GEAR CARRIER KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**



## FIGURE 5-70. PLANET GEAR CARRIER KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70040710 | Ref | Planet Gear Carrier Kit | |
| 1 | 7028724 | 3 | Circlip | |
| 2 | 7028725 | 6 | Differential Pinion | |
| 3 | 7028726 | 1 | Planet Gear Carrier | |
| 4 | 7028731 | 6 | Bearing | |
| 5 | 7028732 | 6 | Bearing | |

**FIGURE 5-71. PISTON (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**




ART_1001182622_14-B

**FIGURE 5-71. PISTON (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70025841 | Ref | Piston | |
| 1 | 91514165 | 6 | Spring | |
| 2 | 70025821 | 2 | O-Ring | |
| 3 | 70025822 | 2 | O-Ring | |

**FIGURE 5-72. TRUNION KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

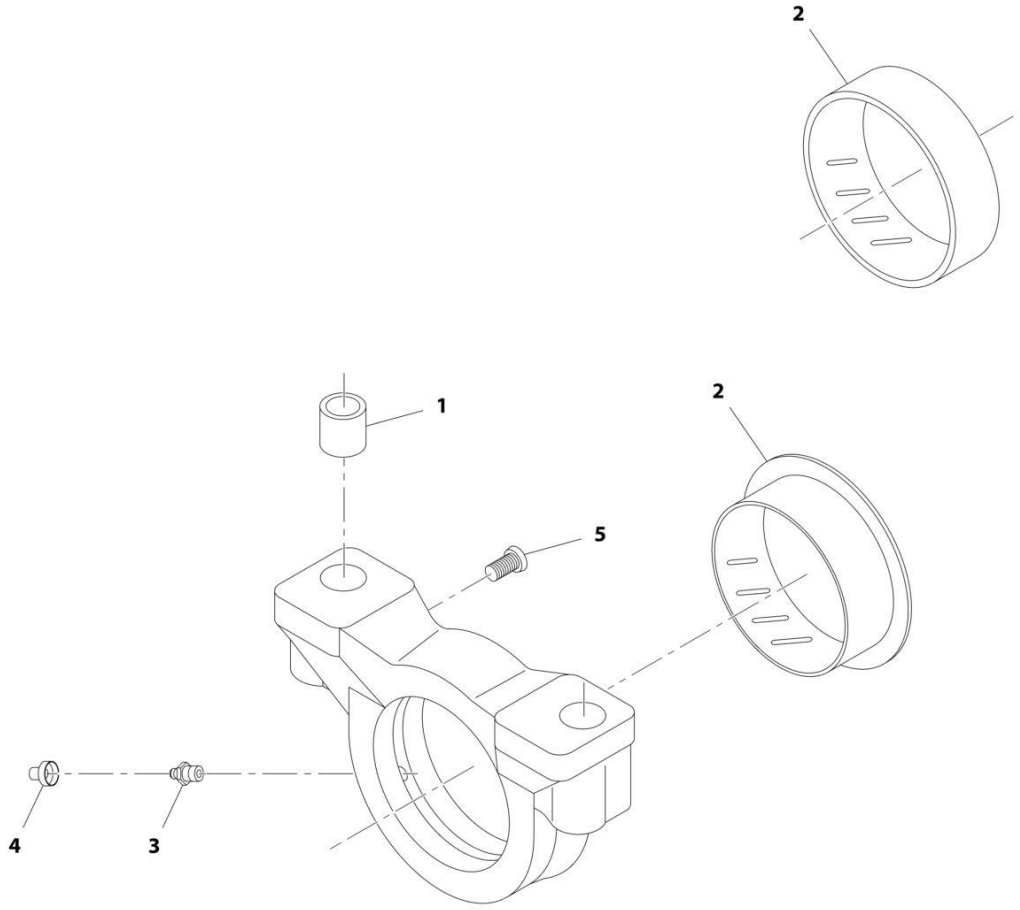
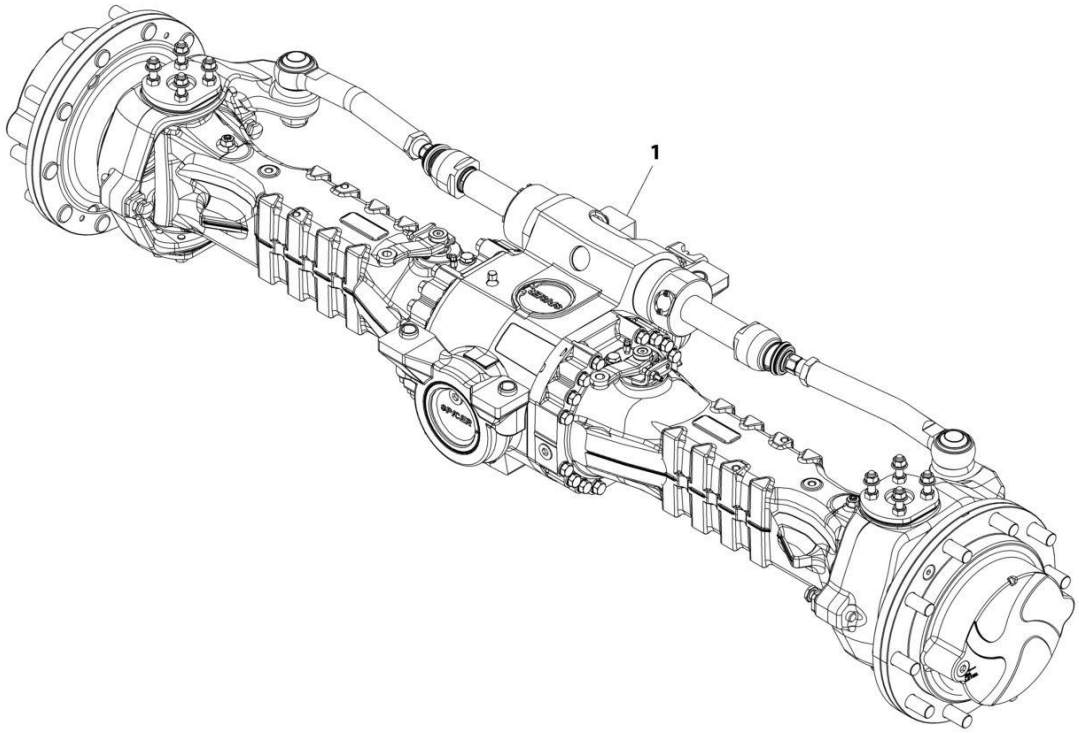


**FIGURE 5-72. TRUNION KIT (SN 1160007543 through 1160008790, Including 1160007516 and 1160007537)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026630 | Ref | Trunion Kit | |
| 1 | 91474516 | 4 | Reduction Bushing | |
| 2 | 91474515 | 2 | Thrust Bushing | |
| 3 | 91514099 | 2 | Grease Fitting | |
| 4 | 80204117 | 2 | Plug | |
| 5 | 70025884 | 2 | Bolt | |

**FIGURE 5-73. FRONT AXLE - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**




ART_1001191919-C

**FIGURE 5-73. FRONT AXLE - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191919 | Ref | Front Axle | D |
| | | 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) (not shown) | |
| | | Ref | Front Axle, Trunion (See Separate Breakdown in this Section) (not shown) | |

**FIGURE 5-74. FRONT AXLE, CENTRAL HOUSING - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

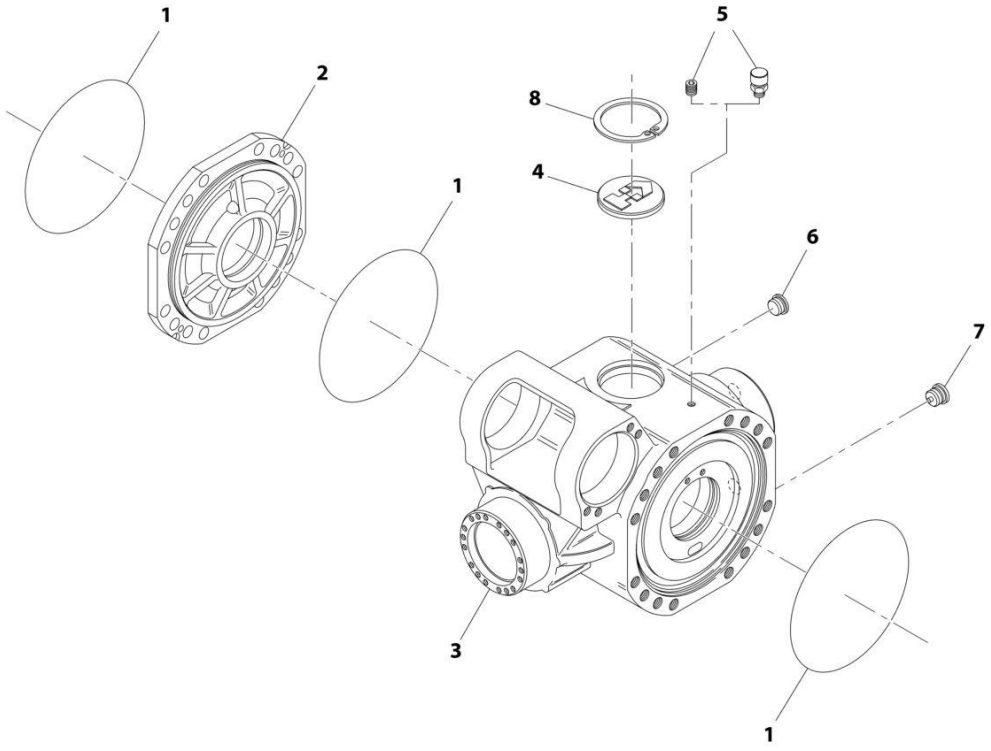
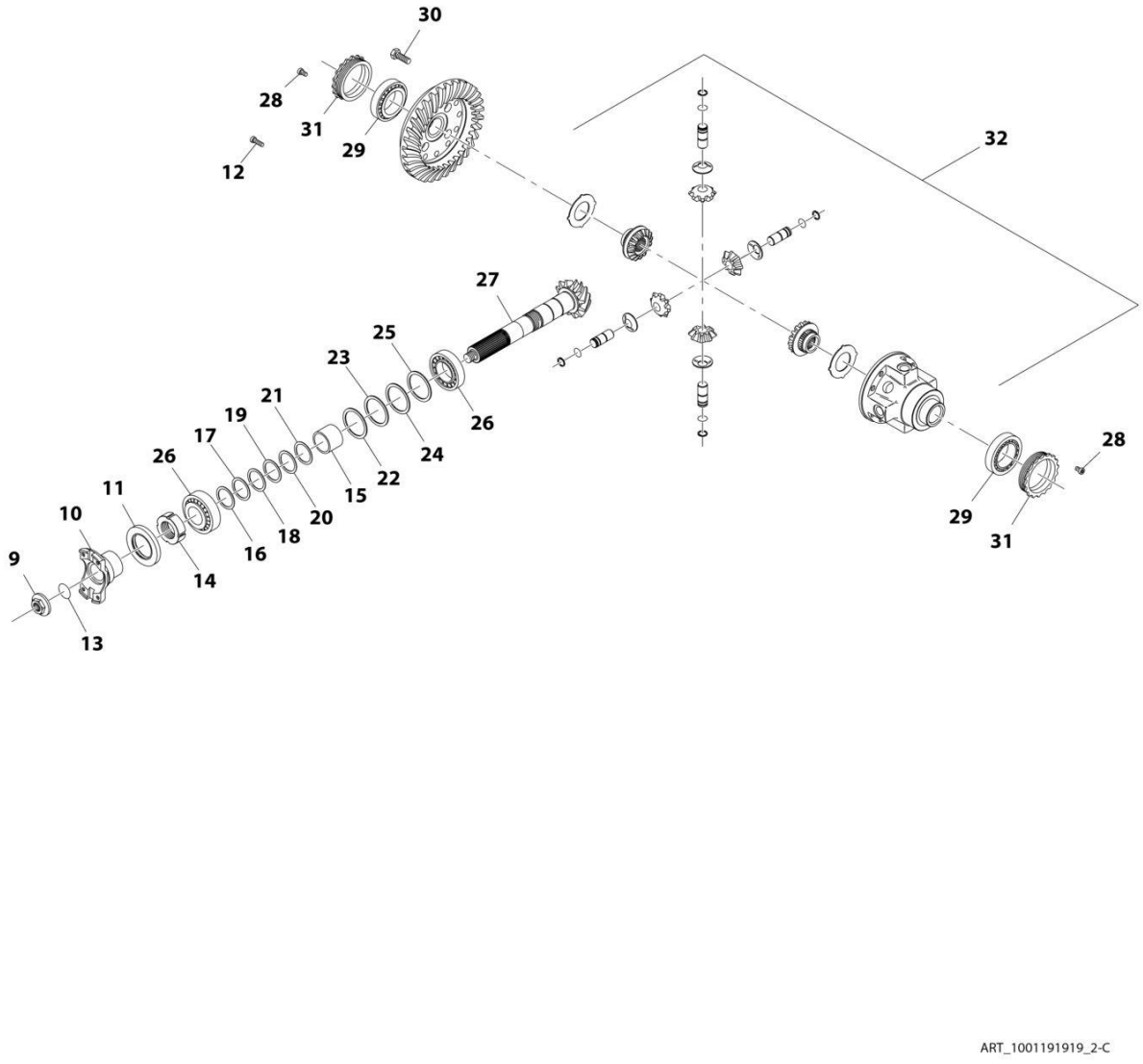


**FIGURE 5-74. FRONT AXLE, CENTRAL HOUSING - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024519 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Plug, Magnet | |
| 8 | 80204005 | 1 | Circlip | |

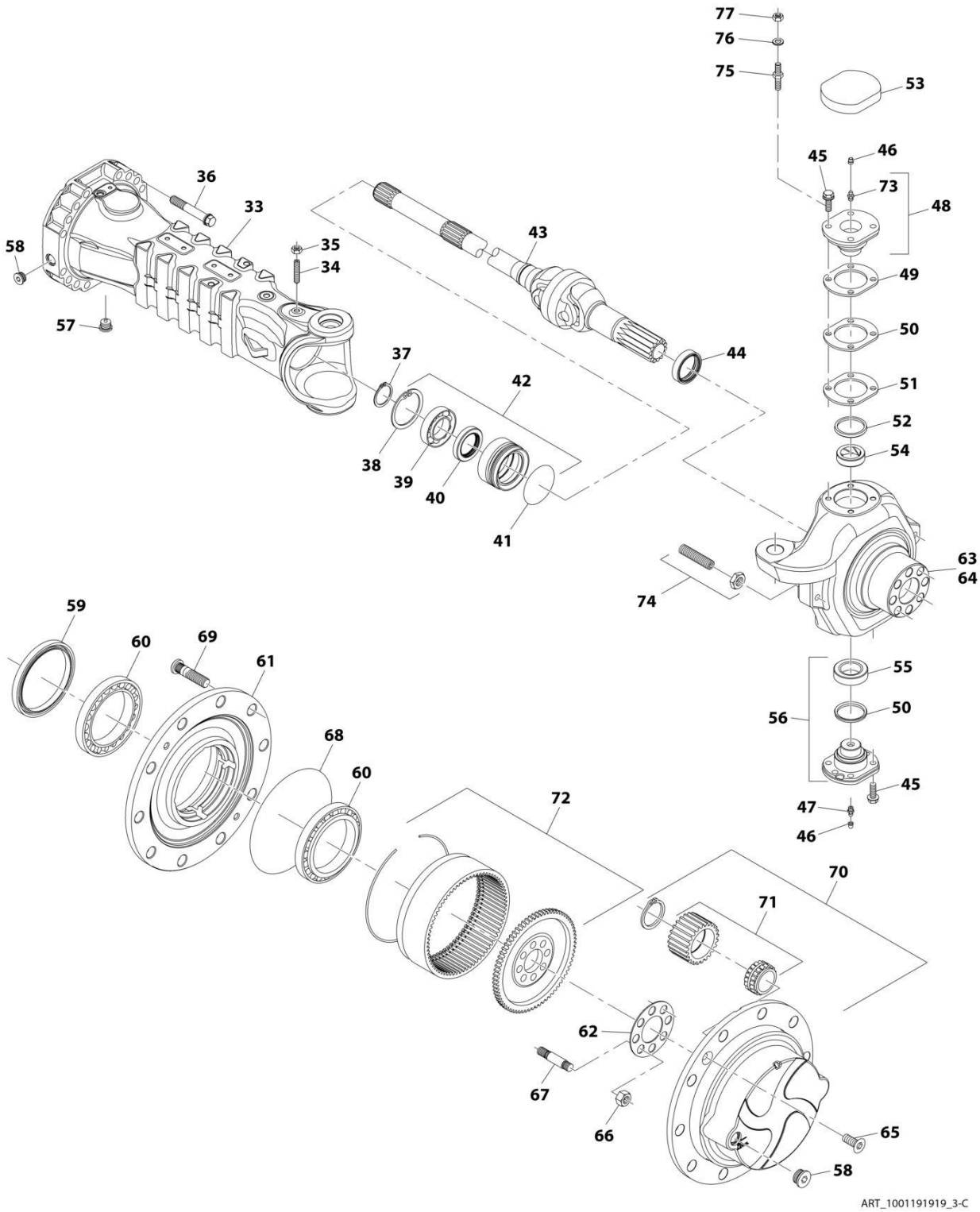
**FIGURE 5-75. FRONT AXLE, DIFFERENTIAL - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-75. FRONT AXLE, DIFFERENTIAL - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 70026631 | 1 | Nut | |
| 10 | 70022797 | 1 | Flange | |
| 11 | 91474532 | 1 | Seal | |
| 12 | 91474591 | 4 | Bolt | |
| 13 | 91474529 | 1 | O-Ring | |
| 14 | 91474533 | 1 | Nut, Ring | |
| 15 | 91474539 | 1 | Spacer | |
| 16 | 91474535 | 1 | Shim | |
| 17 | 91474536 | 1 | Shim | |
| 18 | 91474537 | 1 | Shim | |
| 19 | 91474538 | 1 | Shim | |
| 20 | 70024520 | 1 | Shim | |
| 21 | 70024521 | 1 | Shim | |
| 22 | 91474540 | 1 | Shim | |
| 23 | 91474541 | 1 | Shim | |
| 24 | 91474542 | 1 | Shim | |
| 25 | 91474543 | 1 | Shim | |
| 26 | 3968141 | 2 | Bearing, Taper Roller | |
| 27 | 70027594 | 1 | Set, Bevel Gear | |
| 28 | 91514134 | 2 | Bolt | |
| 29 | 70026031 | 2 | Bearing, Taper Roller | |
| 30 | 91514123 | 12 | Bolt | |
| 31 | 91474547 | 2 | Nut, Ring | |
| 32 | 8007751 | 1 | Differential Kit, (See Separate Breakdown in this Section) | |

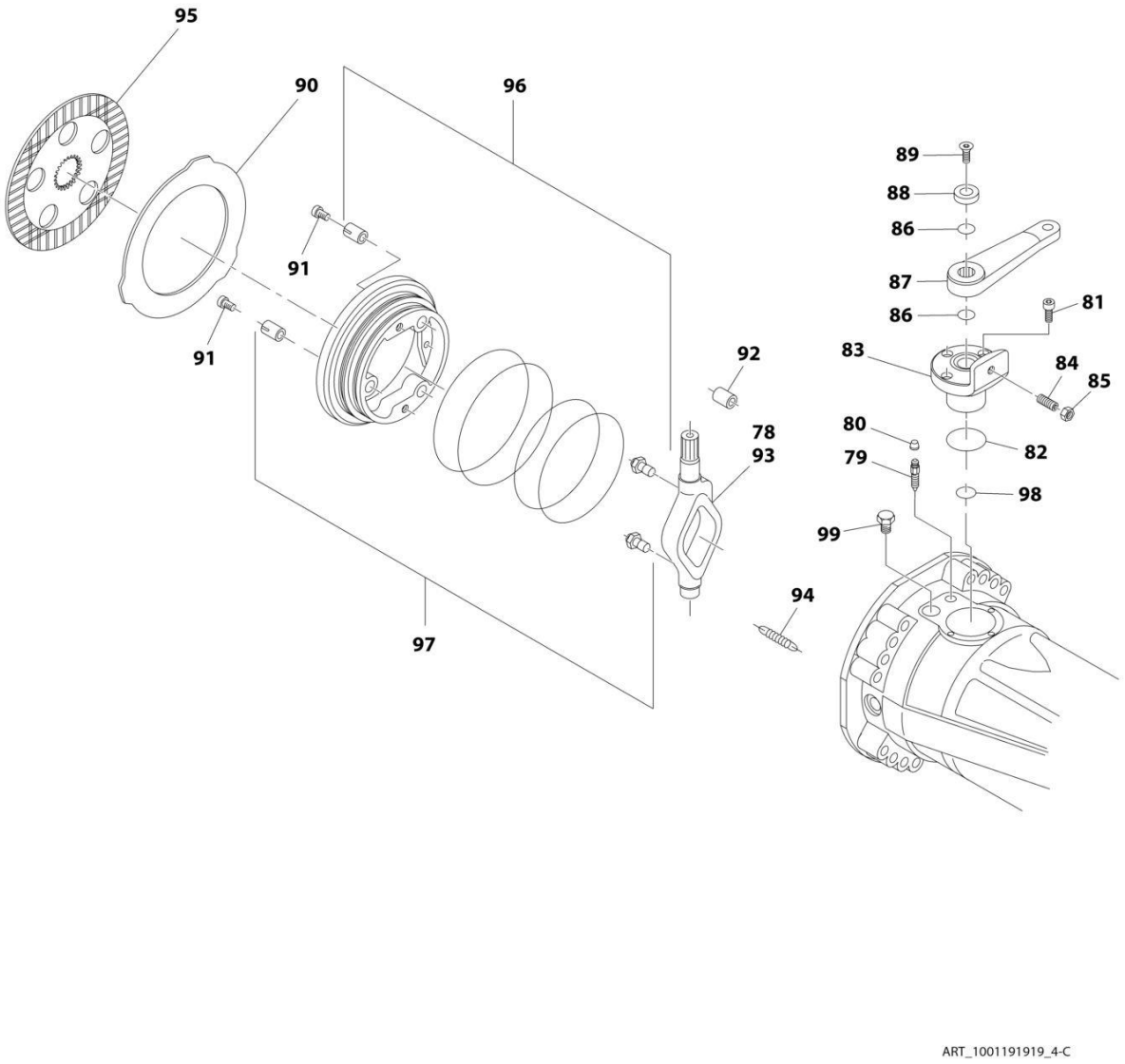
## FIGURE 5-76. FRONT AXLE, HUB REDUCTION - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 5-76. FRONT AXLE, HUB REDUCTION - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 8007758 | 2 | Case, Axle | |
| 34 | 2400600 | 2 | Bolt | |
| 35 | 91514082 | 2 | Nut | |
| 36 | 7029428 | 32 | Bolt | |
| 37 | 80204071 | 2 | Circlip | |
| 38 | 80204005 | 2 | Circlip | |
| 39 | 91514146 | 2 | Bearing, Ball | |
| 40 | 91514147 | 2 | Seal | |
| 41 | 91514148 | 2 | O-Ring | |
| 42 | 91514149 | 2 | Bushing, Reduction (See Separate Breakdown in this Section) | |
| 43 | 70025928 | 2 | Joint, Double Universal | |
| 44 | 8007771 | 2 | Seal | |
| 45 | 70025562 | 12 | Bolt | |
| 46 | 80204117 | 4 | Plug | |
| 47 | 91514099 | 2 | Fitting, Grease | |
| 48 | 70025567 | 2 | Pin, Pivot | |
| 49 | 8007779 | 2 | Shim | |
| 50 | 8007780 | 2 | Shim | |
| 51 | 8007782 | 2 | Shim | |
| 52 | 2401043 | 4 | Seal | |
| 53 | 70025549 | 2 | Cover | |
| 54 | 70020173 | 2 | Bushing | |
| 55 | 2401258 | 2 | Bearing | |
| 56 | 8006605 | 2 | Pin, Pivot | |
| 57 | 91474513 | 2 | Plug, Magnet | |
| 58 | 91514188 | 4 | Plug | |
| 59 | 7029430 | 2 | Seal | |
| 60 | 3984301 | 4 | Bearing | |
| 61 | 8005801 | 2 | Wheel Hub | |
| 62 | 3983731 | 2 | Locking Plate | |
| 63 | 8007774 | 1 | Steering Case Kit LH | |
| 64 | 8007777 | 1 | Steering Case Kit RH | |
| 65 | 91514189 | 4 | Bolt, Countersunk | |
| 66 | 91474584 | 16 | Nut | |
| 67 | 70027315 | 16 | Stud | |
| 68 | 80204002 | 2 | O-Ring | |
| 69 | 8000877 | 20 | Stud, Wheel | |
| 70 | 7029431 | 2 | Assembly, Planet Gear Carrier (See Separate Breakdown in this Section) | |
| 71 | 70023900 | 8 | Assembly, Planet Gear and Bearing | |
| 72 | 7029432 | 2 | Assembly, Ring Gear Support (See Separate Breakdown in this Section) | |
| 73 | 7028115 | 2 | Fitting, Grease | |
| 74 | 7028733 | 4 | Assembly, Steering Adjust Bolt (See Separate Breakdown in this Section) | |
| 75 | 70025819 | 8 | Stud | |
| 76 | 91514119 | 8 | Washer | |
| 77 | 91514120 | 8 | Nut | |

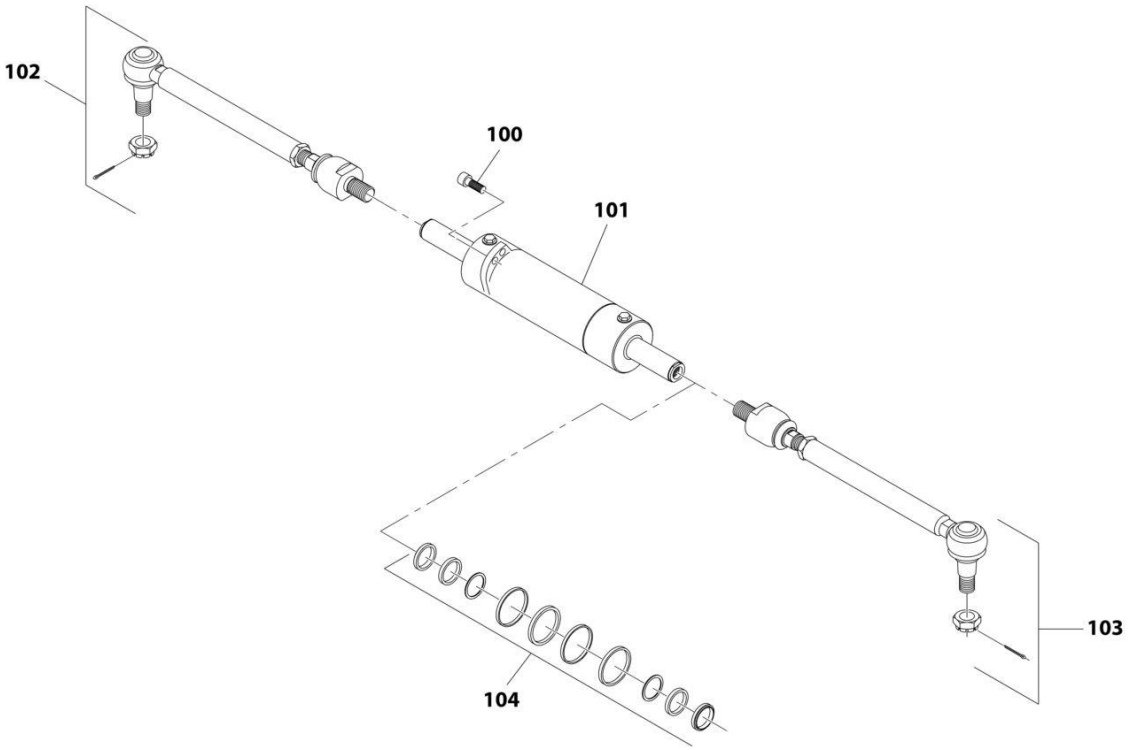
**FIGURE 5-77. FRONT AXLE, BRAKES - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-77. FRONT AXLE, BRAKES - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 78 | 8007785 | 1 | Lever, Right | |
| 79 | 80204281 | 2 | Bolt, Bleeding | |
| 80 | 80204117 | 2 | Plug | |
| 81 | 2401736 | 6 | Bolt, Cylinder | |
| 82 | 3986405 | 2 | O-Ring | |
| 83 | 70027106 | 2 | Reduction Bushing | |
| 84 | 8002798 | 2 | Grub Bolt | |
| 85 | 8008168 | 2 | Nut | |
| 86 | 7028038 | 2 | O-Ring | |
| 87 | 70025568 | 2 | Lever | |
| 88 | 7028039 | 2 | Washer | |
| 89 | 8008169 | 2 | Bolt, Countersunk | |
| 90 | 70025823 | 10 | Disc, Intermediate Brake | |
| 91 | 7029785 | 6 | Bolt, Adjusting | |
| 92 | 7029433 | 2 | Dowel | |
| 93 | 8007786 | 1 | Lever | |
| 94 | 3984425 | 6 | Spring | |
| 95 | 91474568 | 8 | Disc | |
| 96 | 70026069 | 1 | Kit Piston (See Separate Breakdown in this Section) | |
| 97 | 70026068 | 1 | Kit Piston (See Separate Breakdown in this Section) | |
| 98 | 8007802 | 2 | O-Ring | |
| 99 | 91514154 | 2 | Bolt | |

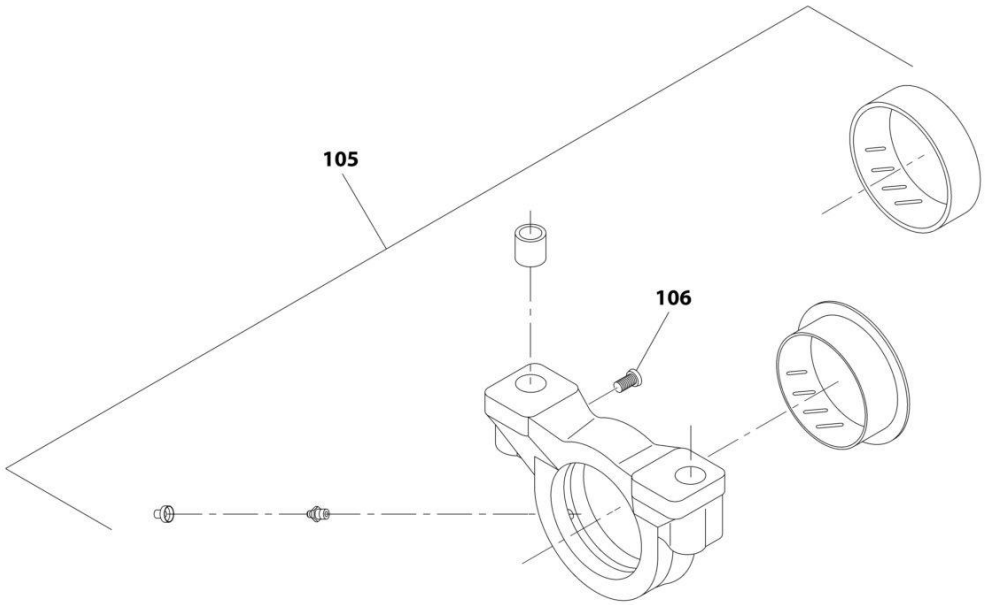
**FIGURE 5-78. FRONT AXLE, STEERING - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-78. FRONT AXLE, STEERING - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 100 | 91474522 | 4 | Bolt | |
| 101 | 70025566 | 1 | Cylinder | |
| 102 | 70026752 | 1 | Bar | |
| 103 | 70026751 | 1 | Bar | |
| 104 | 70025842 | 1 | Seal Kit | |

**FIGURE 5-79. FRONT AXLE, TRUNION - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

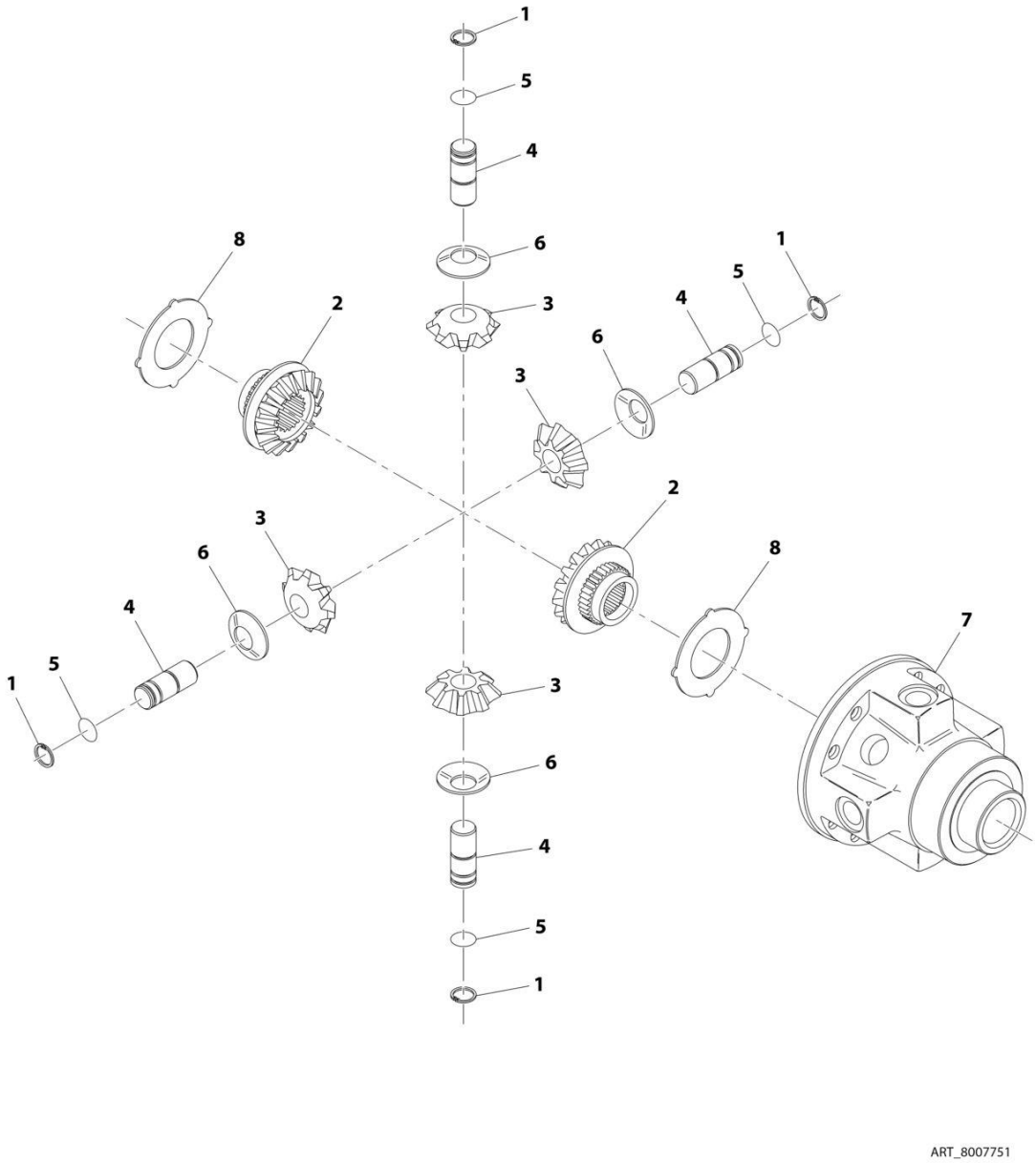



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## FIGURE 5-79. FRONT AXLE, TRUNION - 3614RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 105 | 70026630 | 1 | Trunion Kit (See Separate Breakdown in this Section) | |
| 106 | 70025884 | 1 | Bolt | |

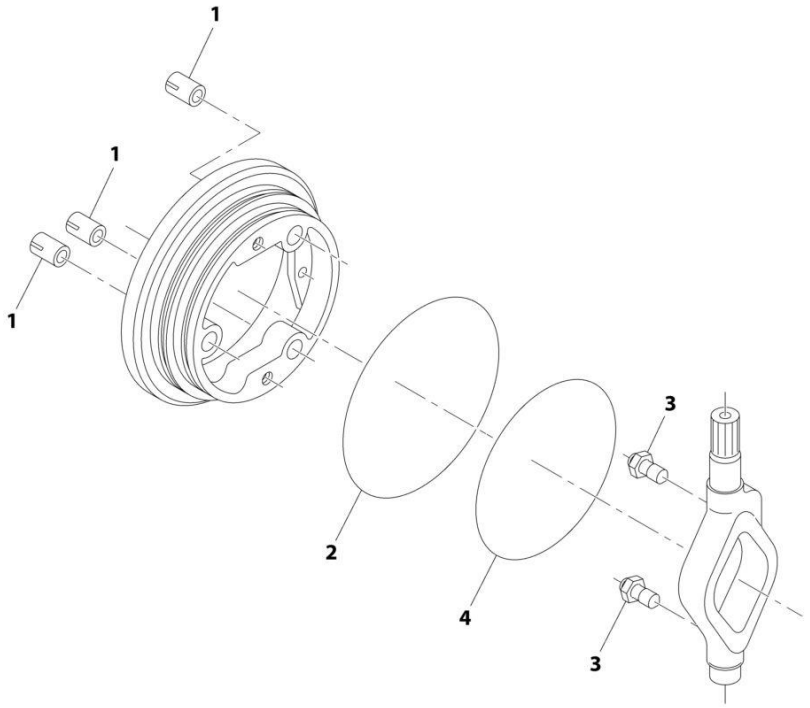
**FIGURE 5-80. DIFFERENTIAL KIT**



## FIGURE 5-80. DIFFERENTIAL KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 8007751 | Ref | Differential Kit | |
| 1 | 91474550 | 4 | Circlip | |
| 2 | 91474549 | 2 | Differential Side Gear | |
| 3 | 7029129 | 4 | Differential Pinion | |
| 4 | 7029131 | 4 | Pin | |
| 5 | 91474551 | 4 | Circlip | |
| 6 | 91474553 | 4 | Friction Washer | |
| 7 | 8007751 | 1 | Differential Carrier | |
| 8 | 8007755 | 2 | Differential Disc Kit | |

## FIGURE 5-81. BRAKES PISTON KIT (LH)

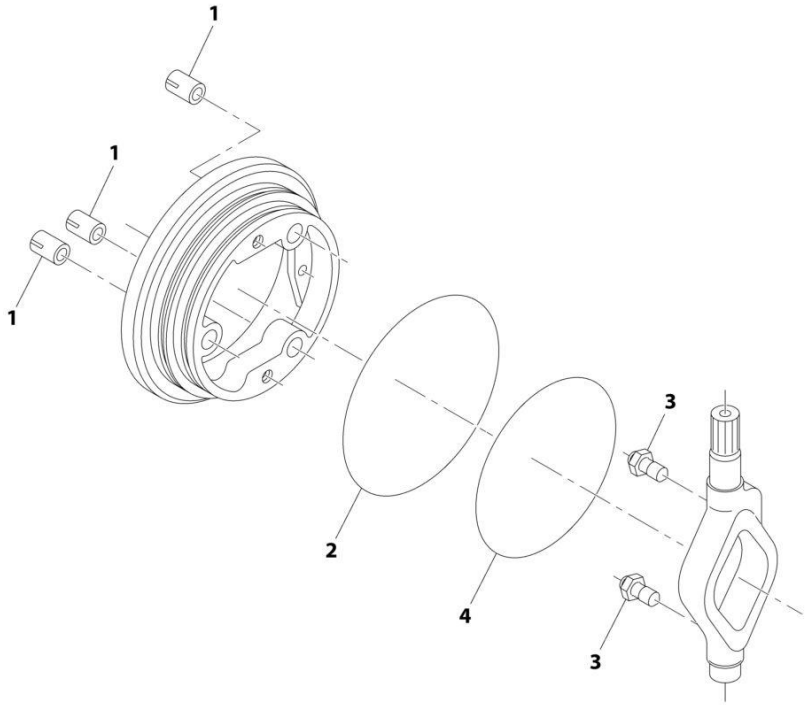



ART_70026069

## FIGURE 5-81. BRAKES PISTON KIT (LH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026069 | Ref | Brakes Piston Kit (LH) | |
| 1 | 91514165 | 3 | Spring | |
| 2 | 70025821 | 1 | O-Ring | |
| 3 | 2903197 | 2 | Pusher | |
| 4 | 70025822 | 1 | O-Ring | |

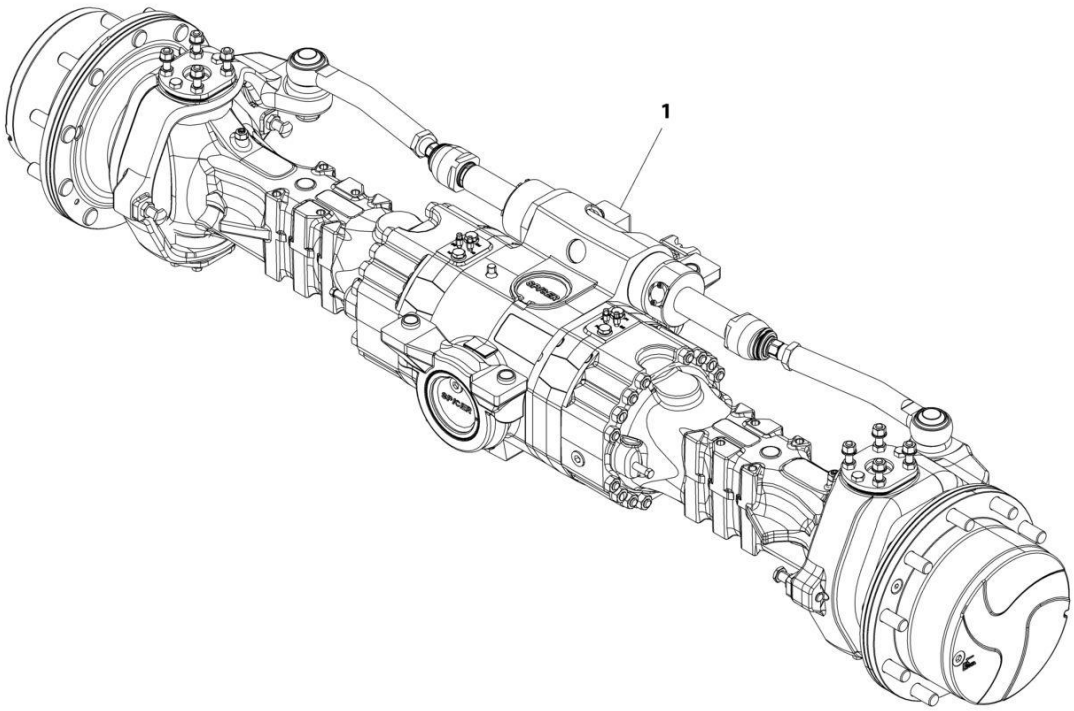
## FIGURE 5-82. BRAKES PISTON KIT (RH)



## FIGURE 5-82. BRAKES PISTON KIT (RH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026068 | Ref | Brakes Piston Kit (RH) | |
| 1 | 91514165 | 3 | Spring | |
| 2 | 70025821 | 1 | O-Ring | |
| 3 | 2903197 | 2 | Pusher | |
| 4 | 70025822 | 1 | O-Ring | |

**FIGURE 5-83. FRONT AXLE (55KW) - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**




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## FIGURE 5-83. FRONT AXLE (55KW) - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001191930 | Ref | Front Axle | C |
| | | 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) (not shown) | |
| | | Ref | Front Axle, Trunion (See Separate Breakdown in this Section) (not shown) | |

**FIGURE 5-84. FRONT AXLE, CENTRAL HOUSING - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

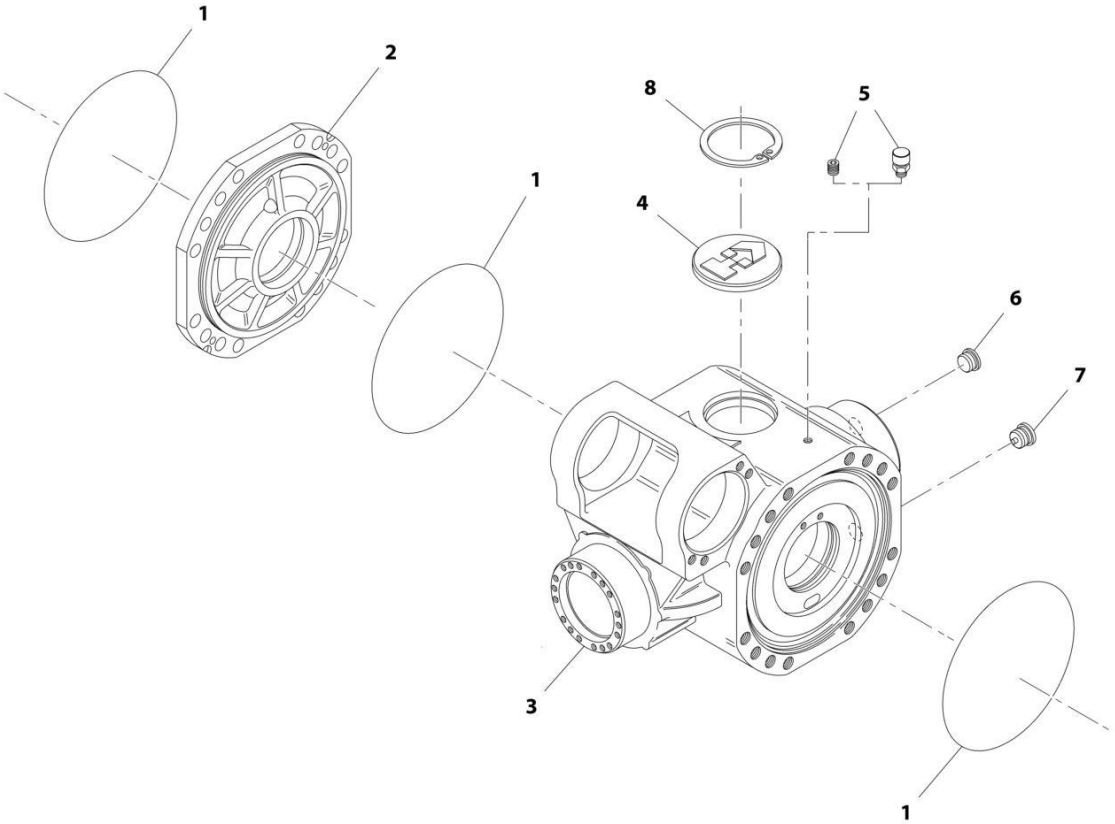
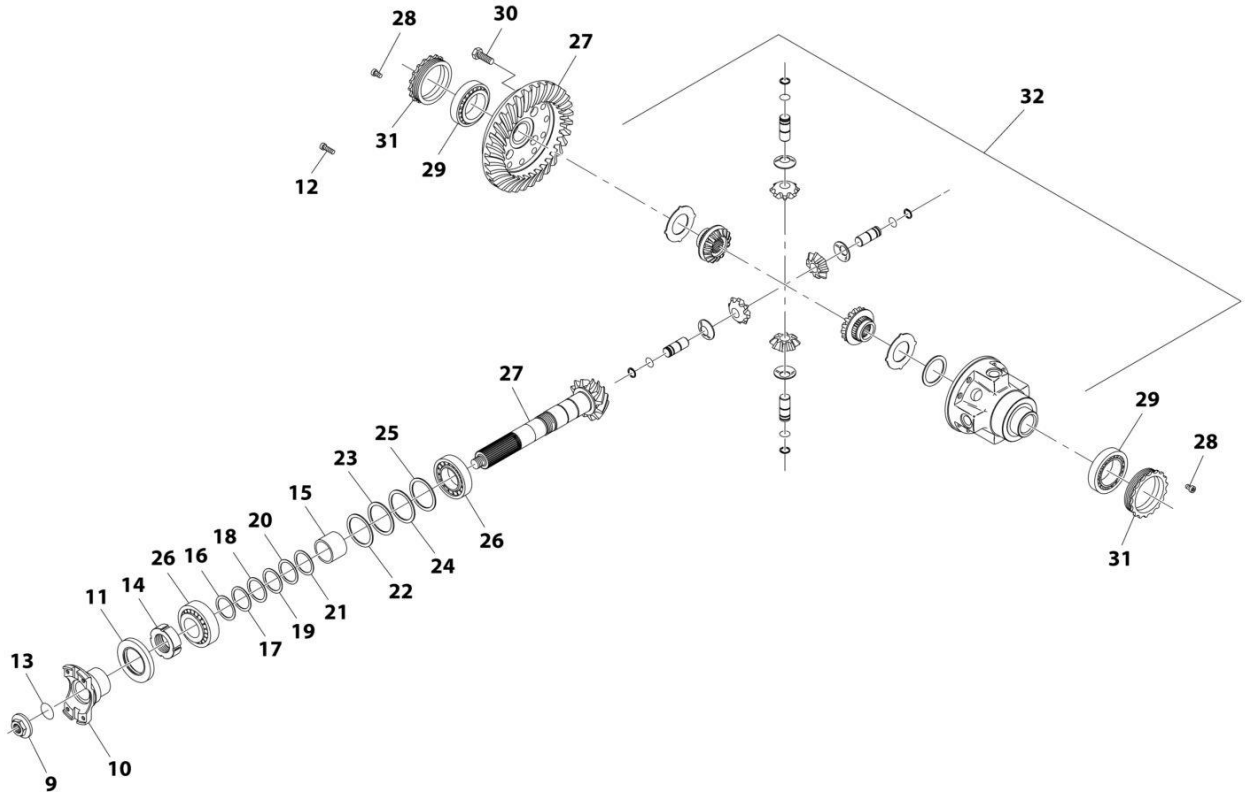


**FIGURE 5-84. FRONT AXLE, CENTRAL HOUSING - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024872 | 2 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Plug, Magnet | |
| 8 | 80204005 | 1 | Circlip | |

**FIGURE 5-85. FRONT AXLE, DIFFERENTIAL - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

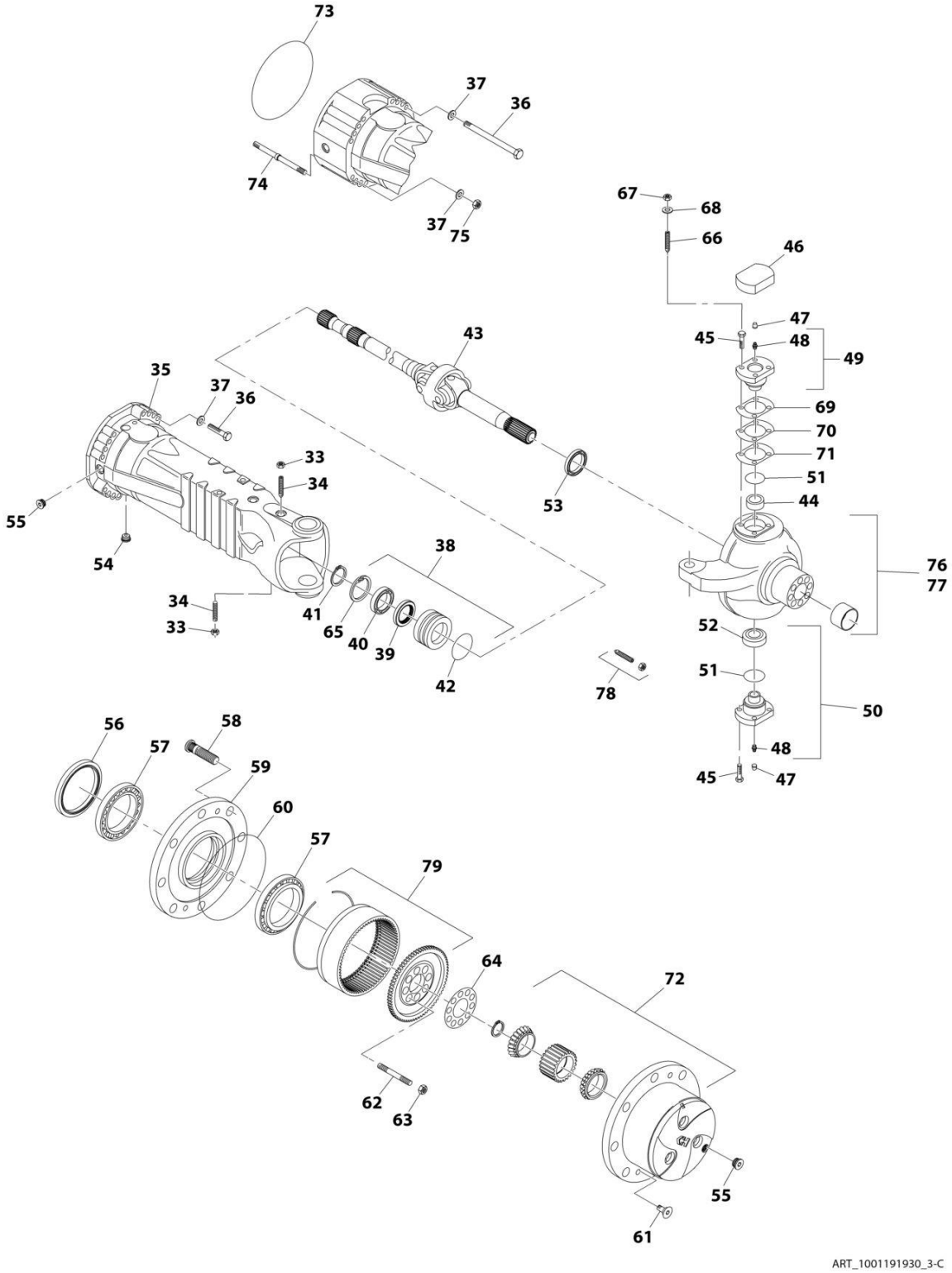



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**FIGURE 5-85. FRONT AXLE, DIFFERENTIAL - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E16000 0336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 70026631 | 1 | Nut | |
| 10 | 70022797 | 1 | Flange | |
| 11 | 91474532 | 1 | Seal | |
| 12 | 91474591 | 4 | Cylinder Bolt | |
| 13 | 91474529 | 1 | O - Ring | |
| 14 | 91474533 | 1 | Ring Nut | |
| 15 | 91474539 | 1 | Spacer | |
| 16 | 91474535 | 1 | Shim | |
| 17 | 91474536 | 1 | Shim | |
| 18 | 91474537 | 1 | Shim | |
| 19 | 91474538 | 1 | Shim | |
| 20 | 70024520 | 1 | Shim | |
| 21 | 70024521 | 1 | Shim | |
| 22 | 91474540 | 1 | Shim | |
| 23 | 91474541 | 1 | Shim | |
| 24 | 91474542 | 1 | Shim | |
| 25 | 91474543 | 1 | Shim | |
| 26 | 3968141 | 2 | Taper Roller Bearing | |
| 27 | 70027594 | 1 | Bevel Gear Set | |
| 28 | 91514134 | 2 | Bolt | |
| 29 | 70026031 | 2 | Taper Roller Bearing | |
| 30 | 91514123 | 12 | Bolt | |
| 31 | 91474547 | 2 | Ring Nut | |
| 32 | 7028710 | 1 | Differential Kit (See Separate Breakdown in this Section) | |

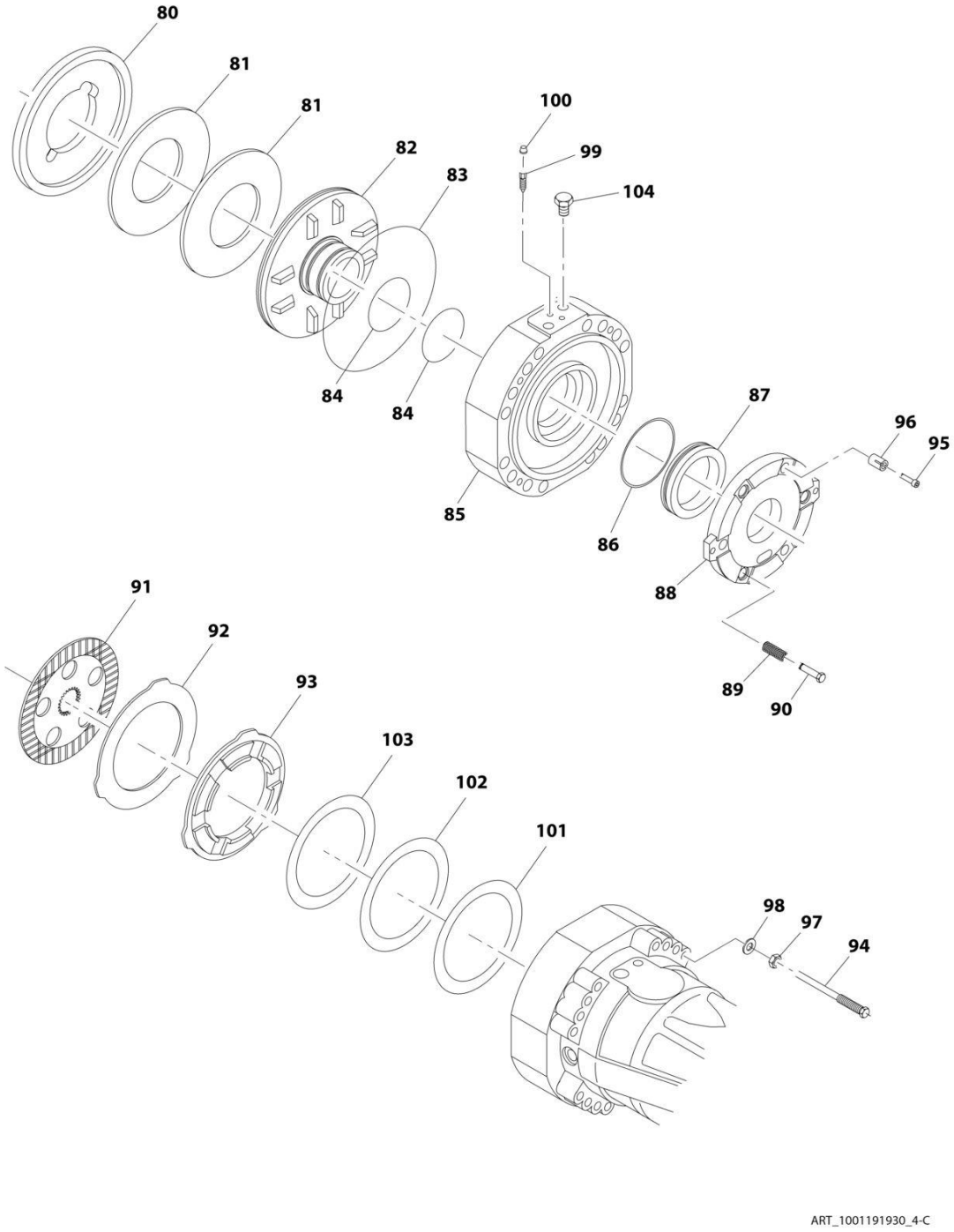
**FIGURE 5-86. FRONT AXLE, HUB REDUCTION - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-86. FRONT AXLE, HUB REDUCTION - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 33 | 91514082 | 2 | Nut | |
| 34 | 91514081 | 2 | Bolt | |
| 35 | 7028711 | 2 | Axle Case | |
| 36 | 70025012 | 24 | Bolt | |
| 37 | 91514084 | 8 | Washer | |
| 38 | 91514149 | 2 | Reduction Bushing (See Separate Breakdown in this Section) | |
| 39 | 91514147 | 2 | Seal | |
| 40 | 91514146 | 2 | Ball Bearing | |
| 41 | 80204071 | 2 | Circlip | |
| 42 | 91514148 | 2 | O-Ring | |
| 43 | 70026071 | 2 | Double Universal Joint | |
| 44 | 7028714 | 2 | Bushing | |
| 45 | 70025562 | 12 | Bolt | |
| 46 | 70025549 | 2 | Cover | |
| 47 | 80204117 | 2 | Plug | |
| 48 | 91514099 | 2 | Grease Fitting | |
| 49 | 91514112 | 2 | Pivot Pin | |
| 50 | 7028715 | 2 | Pivot Pin | |
| 51 | 7028716 | 2 | Dust Excluder | |
| 52 | 91514095 | 2 | Bearing | |
| 53 | 70025857 | 2 | Seal | |
| 54 | 91474513 | 2 | Magnetic Plug | |
| 55 | 91514188 | 4 | Plug | |
| 56 | 7028721 | 2 | Seal | |
| 57 | 91474576 | 4 | Bearing | |
| 58 | 8000877 | 20 | Wheel Stud | |
| 59 | 7028722 | 2 | Wheel Hub | |
| 60 | 91514181 | 2 | O-Ring | |
| 61 | 91514189 | 4 | Countersunk Bolt | |
| 62 | 70027315 | 20 | Stud | |
| 63 | 91474584 | 20 | Nut | |
| 64 | 91474582 | 2 | Locking Plate | |
| 65 | 80204005 | 2 | Circlip | |
| 66 | 70025819 | 8 | Stud | |
| 67 | 91514120 | 8 | Nut | |
| 68 | 91514119 | 8 | Washer | |
| 69 | 91514113 | 2 | Shim | |
| 70 | 91514114 | 2 | Shim | |
| 71 | 91514115 | 2 | Shim | |
| 72 | 70040710 | 2 | Planet Gear Carrier Kit (See Separate Breakdown in this Section) | |
| 73 | 91474507 | 2 | O-Ring | |
| 74 | 70025014 | 8 | Stud | |
| 75 | 91514083 | 8 | Nut | |
| 76 | 7028729 | 1 | Steering Case Kit LH (See Separate Breakdown in this Section) | |
| 77 | 7028730 | 1 | Steering Case Kit RH (See Separate Breakdown in this Section) | |
| 78 | 7028733 | 4 | Steering Adjust Bolt Kit (See Separate Breakdown in this Section) | |
| 79 | 70025551 | 2 | Ring Gear Support Kit (See Separate Breakdown in this Section) | |

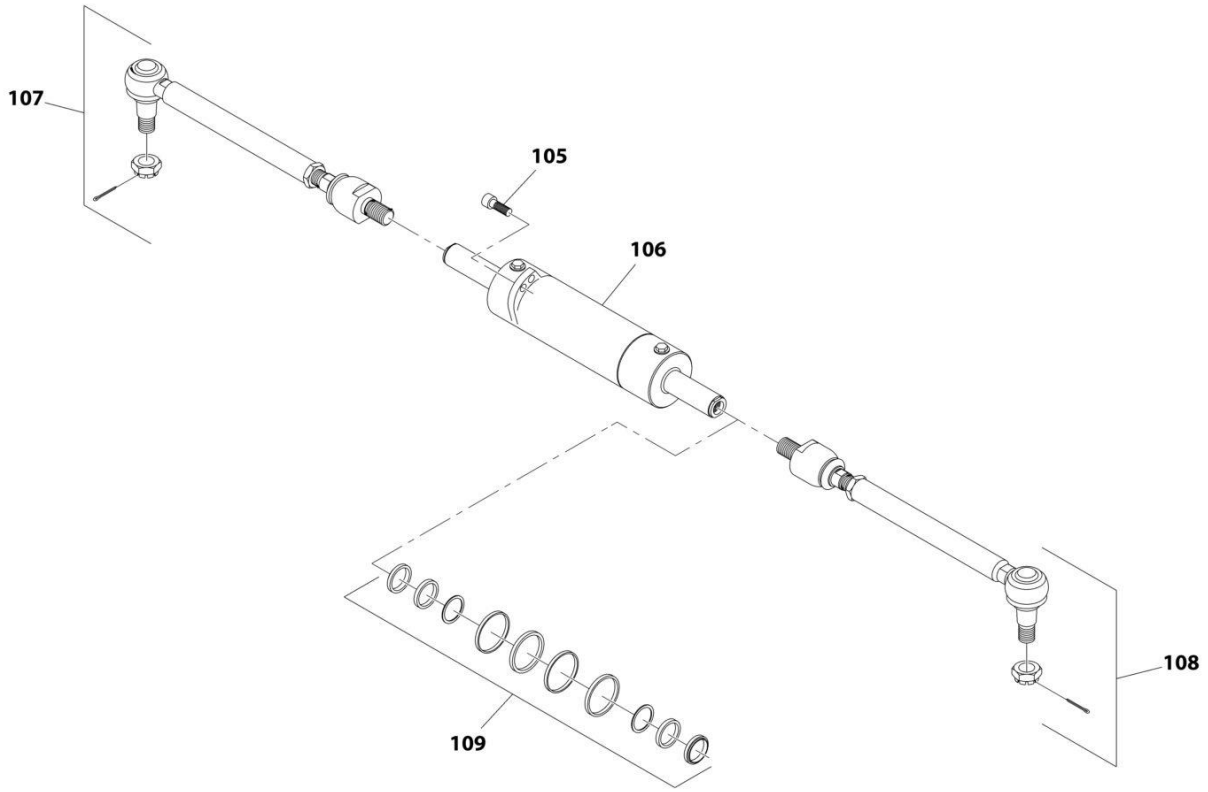
**FIGURE 5-87. FRONT AXLE, BRAKES - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-87. FRONT AXLE, BRAKES - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 80 | 7028734 | 1 | Spacer | |
| 81 | 91474559 | 4 | Spring | |
| 82 | 91474560 | 2 | Piston | |
| 83 | 91474561 | 2 | O-Ring | |
| 84 | 70026262 | 4 | Seal | |
| 85 | 7028735 | 2 | Cover | |
| 86 | 70026623 | 2 | Seal | |
| 87 | 91474564 | 2 | Piston | |
| 88 | 91474565 | 2 | Intermediate Brake Disc | |
| 89 | 91514159 | 6 | Spring | |
| 90 | 70024210 | 6 | Adjusting Bolt | |
| 91 | 91474568 | 8 | Disc | |
| 92 | 70025823 | 8 | Intermediate Brake Disc | |
| 93 | 91474570 | 2 | Spacer | |
| 94 | 7028736 | 4 | Bolt | |
| 95 | 7029787 | 6 | Adjusting Bolt | |
| 96 | 91514165 | 6 | Spring | |
| 97 | 80204060 | 4 | Nut | |
| 98 | 80204108 | 4 | Lock Washer | |
| 99 | 80204281 | 4 | Bleeding Bolt | |
| 100 | 80204117 | 4 | Plug | |
| 101 | 91474571 | 2 | Shim | |
| 102 | 91474572 | 2 | Shim | |
| 103 | 91474573 | 2 | Shim | |
| 104 | 91514154 | 4 | Plug | |

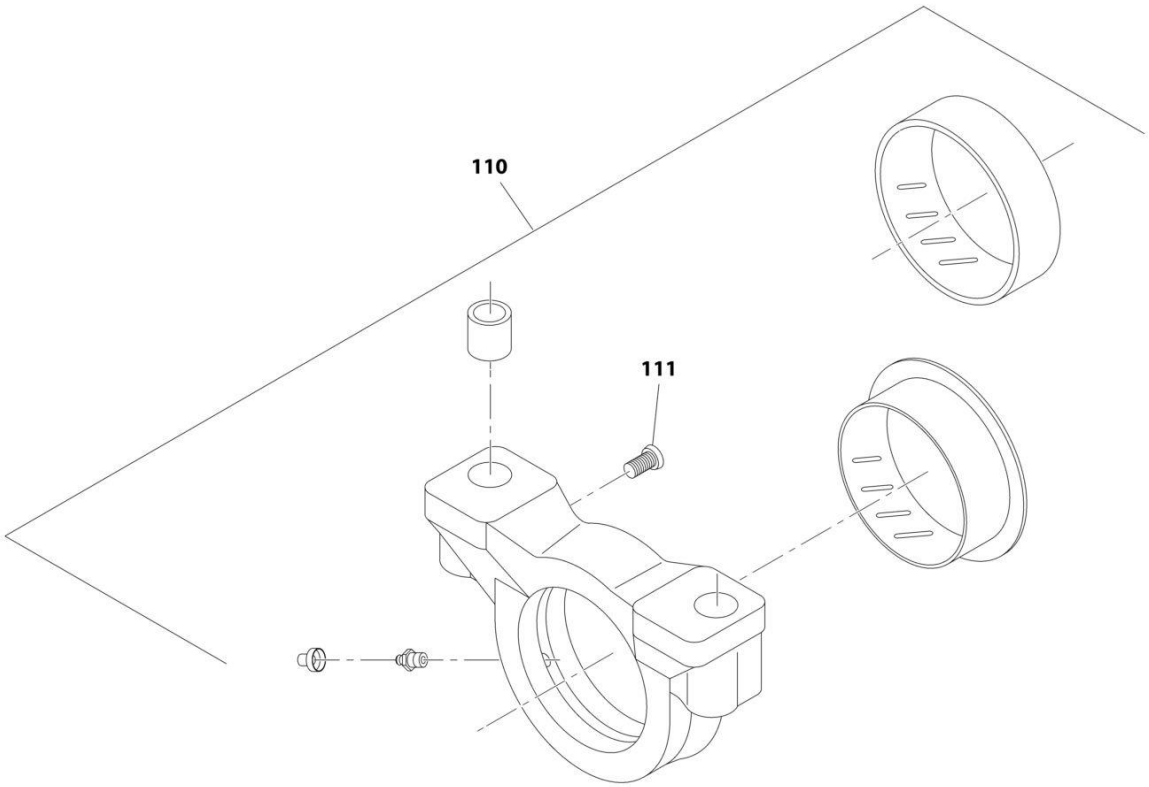
## FIGURE 5-88. FRONT AXLE, STEERING - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 5-88. FRONT AXLE, STEERING - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 105 | 91474522 | 4 | Bolt | |
| 106 | 70025566 | 1 | Cylinder | |
| 107 | 70026752 | 1 | Bar | |
| 108 | 70026751 | 1 | Bar | |
| 109 | 70025842 | 1 | Seal Kit | |

**FIGURE 5-89. FRONT AXLE, TRUNION - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

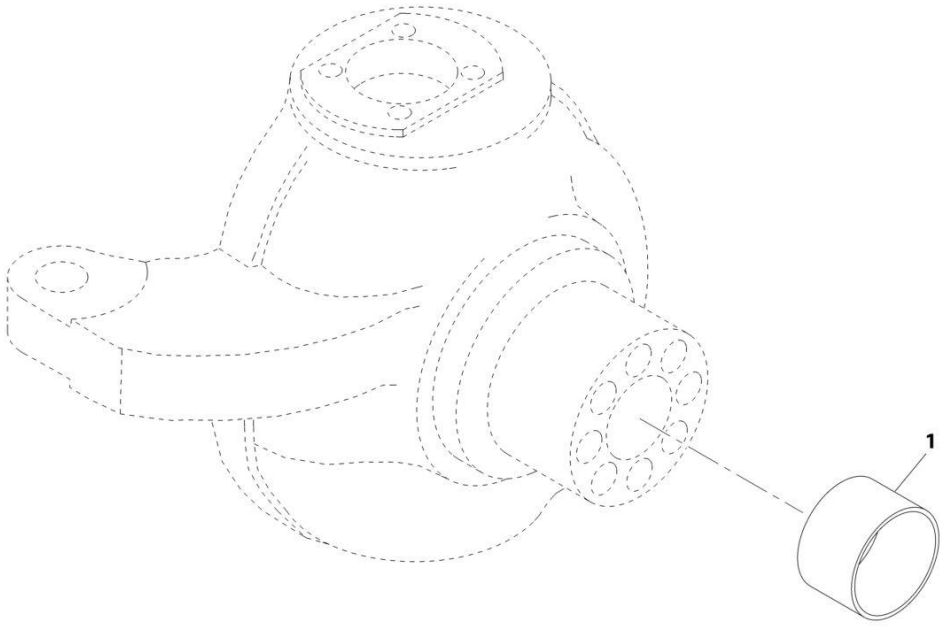



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## FIGURE 5-89. FRONT AXLE, TRUNION - 4017RS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 110 | 70026630 | 2 | Trunion Kit (See Separate Breakdown in this Section) | |
| 111 | 70025884 | 2 | Bolt | |

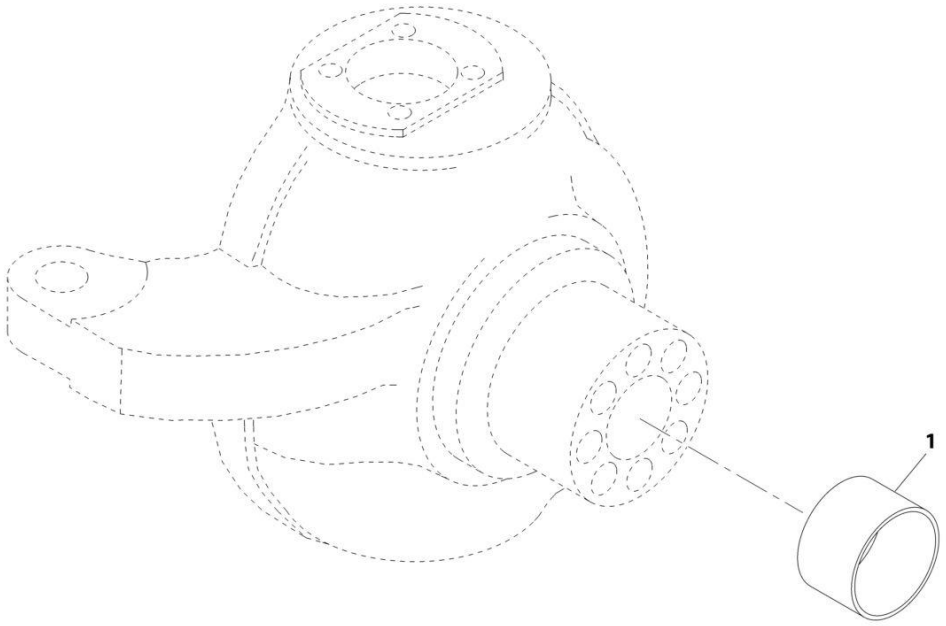
**FIGURE 5-90. STEERING CASE KIT (LH)**



## FIGURE 5-90. STEERING CASE KIT (LH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028729 | Ref | Steering Case Kit (LH) | |
| 1 | 91514111 | 1 | Thrust Bushing | |

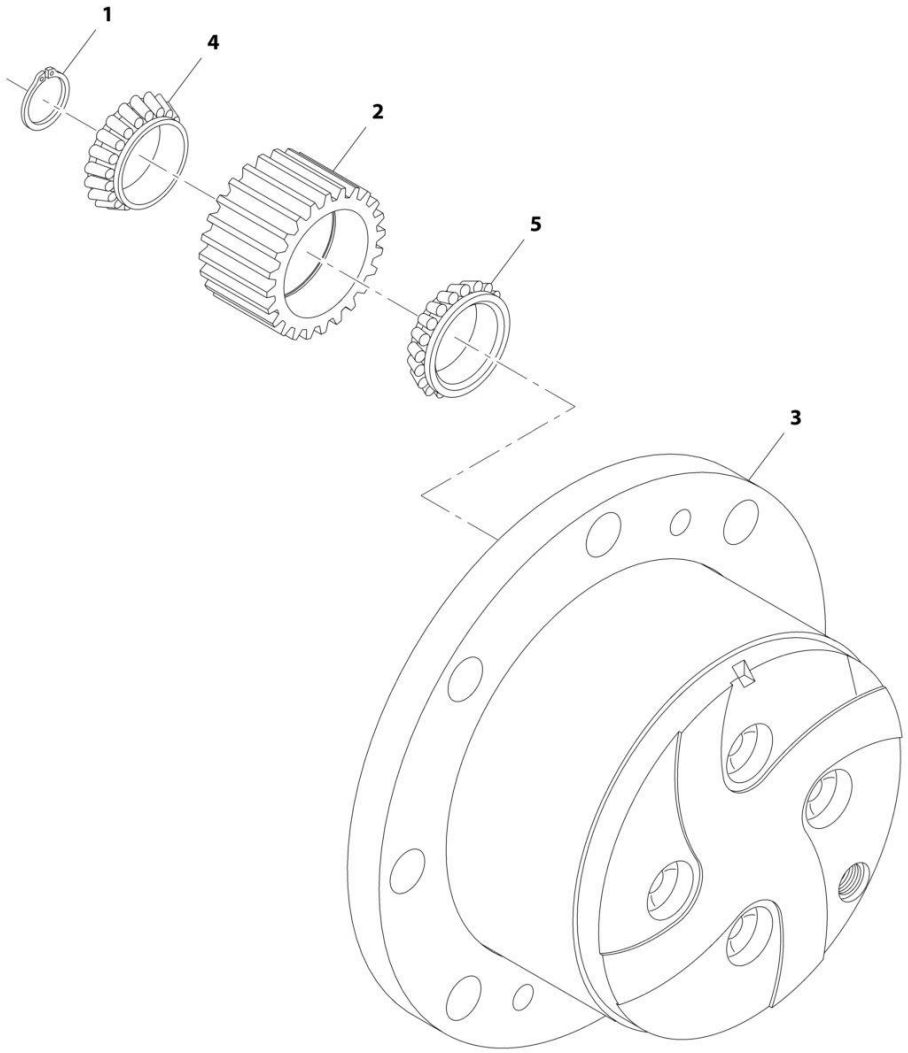
**FIGURE 5-91. STEERING CASE KIT (RH)**



## FIGURE 5-91. STEERING CASE KIT (RH)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028730 | Ref | Steering Case Kit (RH) | |
| 1 | 91514111 | 1 | Thrust Bushing | |

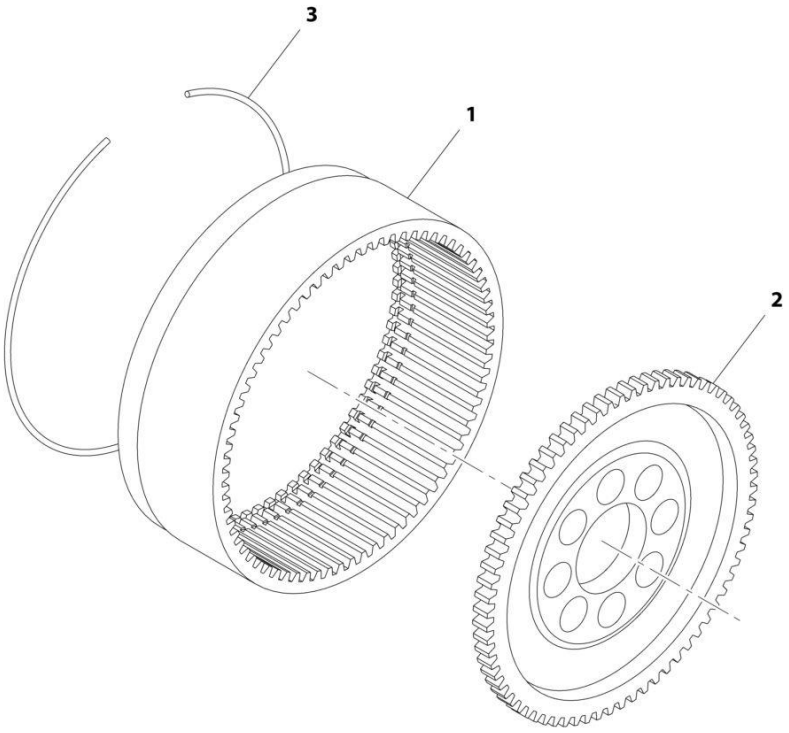
## FIGURE 5-92. PLANET GEAR CARRIER KIT



## FIGURE 5-92. PLANET GEAR CARRIER KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70040710 | Ref | Planet Gear Carrier Kit | |
| 1 | 7028724 | 3 | Circlip | |
| 2 | 7028725 | 6 | Differential Pinion | |
| 3 | 7028726 | 1 | Planet Gear Carrier | |
| 4 | 7028731 | 6 | Bearing | |
| 5 | 7028732 | 6 | Bearing | |

## FIGURE 5-93. RING GEAR SUPPORT KIT

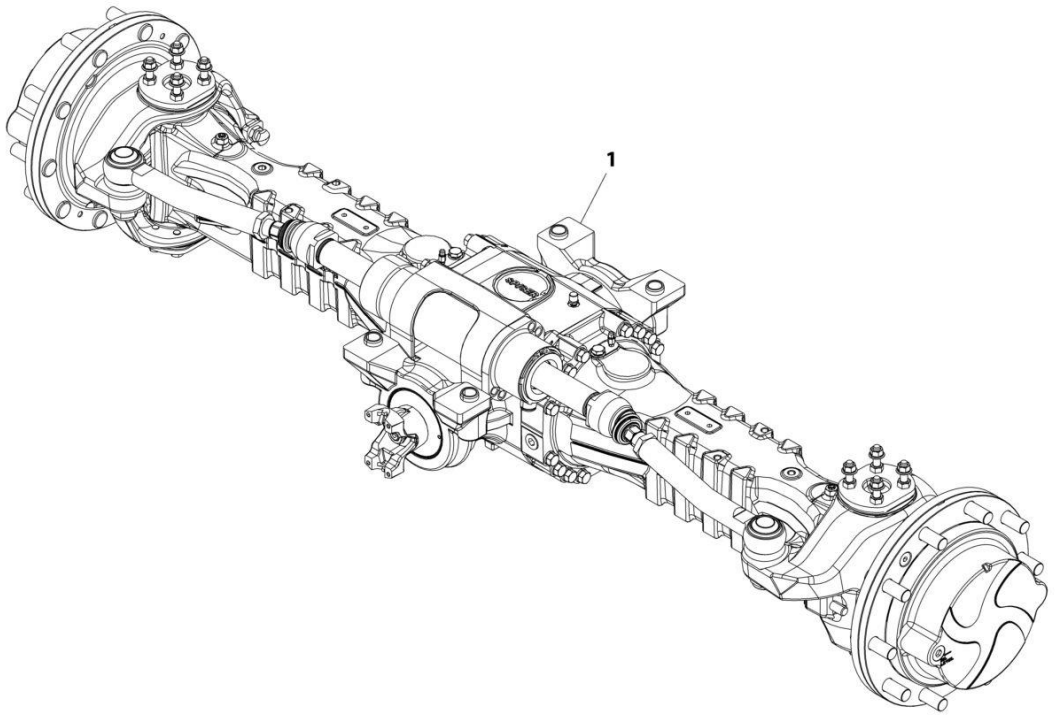



ART_70025551

## FIGURE 5-93. RING GEAR SUPPORT KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70025551 | Ref | Ring Gear Support Kit | |
| 1 | 91474584 | 20 | Nut | |
| 2 | 70024147 | 2 | Ring Gear | |
| 3 | 7028723 | 2 | Ring Gear Support | |

**FIGURE 5-94. REAR AXLE (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**




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## FIGURE 5-94. REAR AXLE (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001191920 | Ref | Rear Axle | D |
| | | 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) (not shown) | |
| | | Ref | Rear Axle, Trunion (See Separate Breakdown in this Section) (not shown) | |

**FIGURE 5-95. REAR AXLE, CENTRAL HOUSING (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

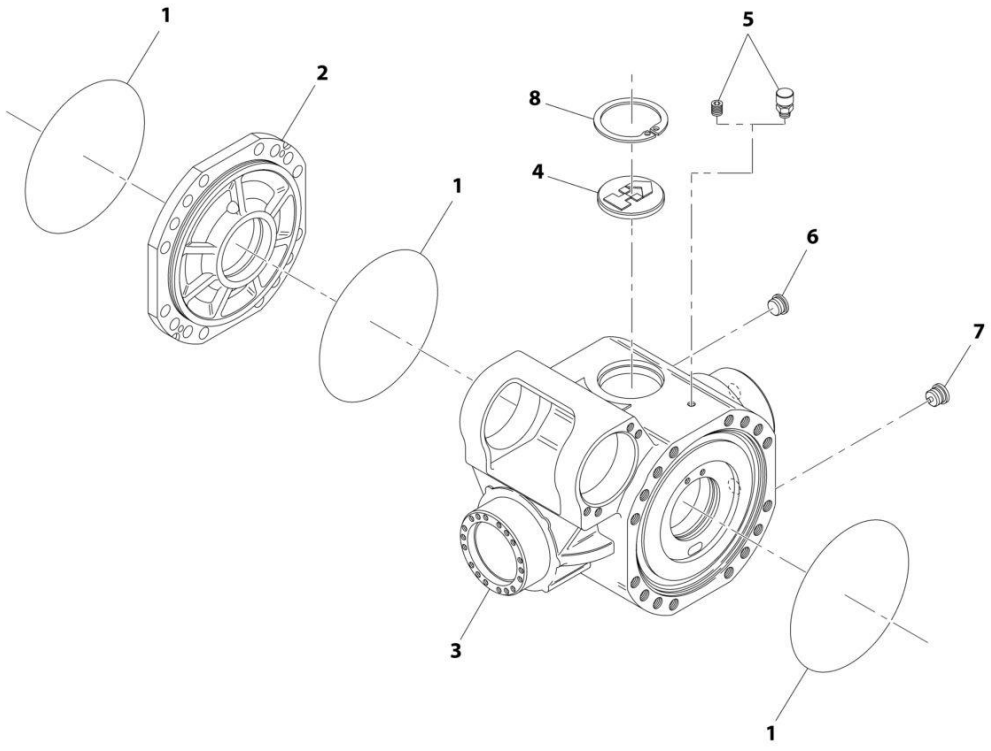
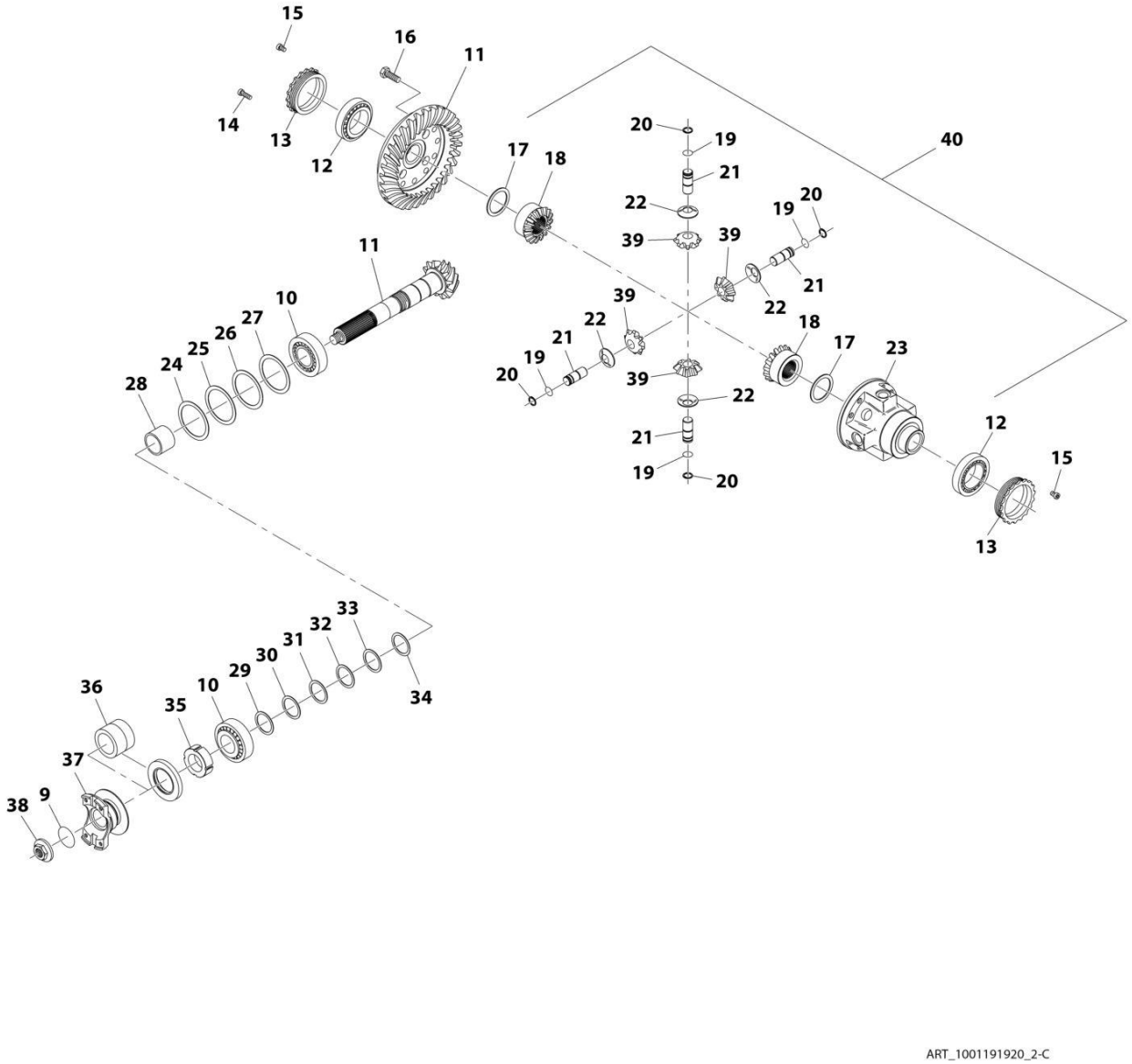


**FIGURE 5-95. REAR AXLE, CENTRAL HOUSING (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474507 | 3 | O-Ring | |
| 2 | 70024519 | 1 | Cover | |
| 3 | 70026977 | 1 | Housing | |
| 4 | 91514098 | 1 | Plug | |
| 5 | 91474512 | 1 | Vent | |
| 6 | 91514188 | 1 | Plug | |
| 7 | 91474513 | 1 | Plug, Magnet | |
| 8 | 80204005 | 1 | Circlip | |

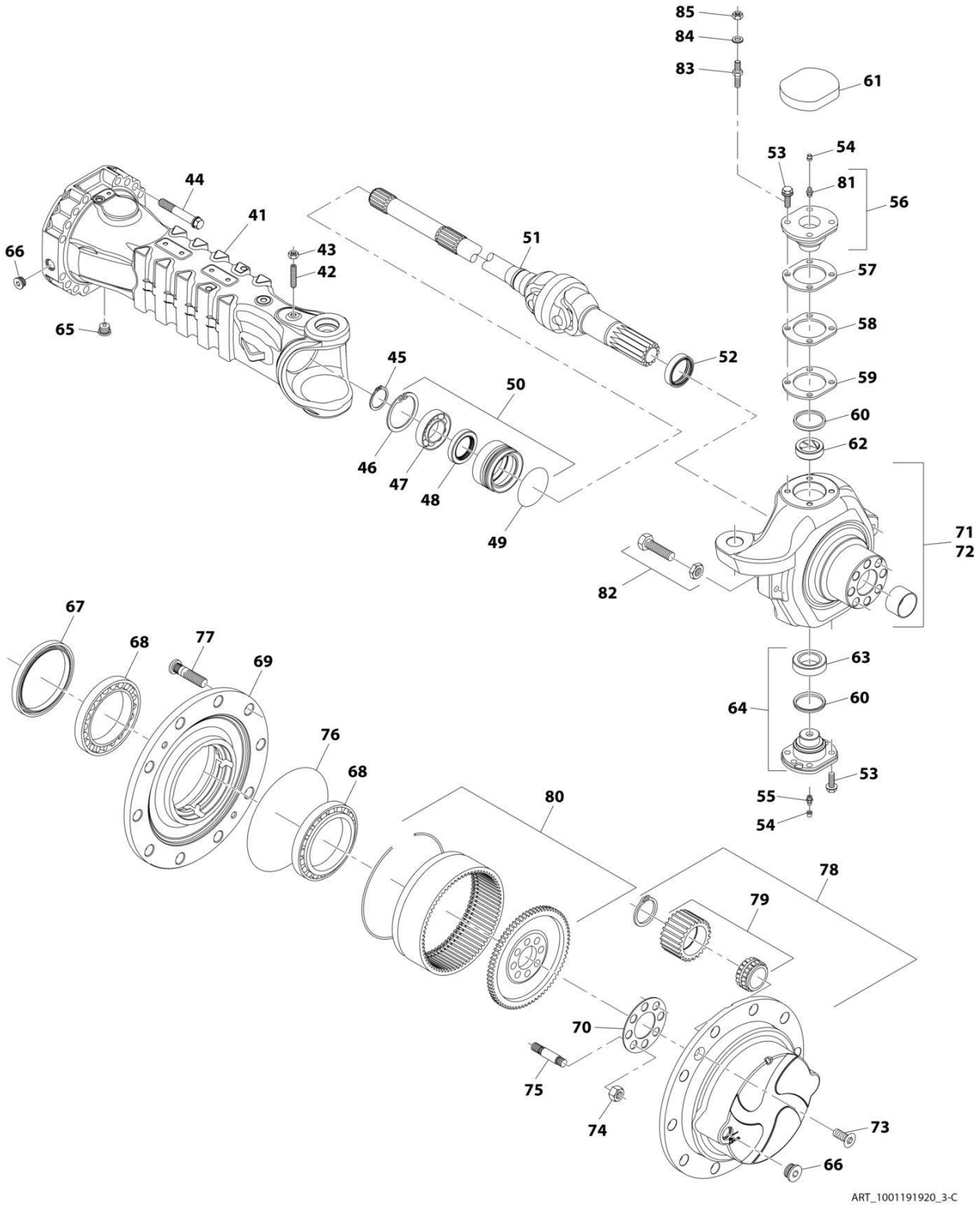
**FIGURE 5-96. REAR AXLE, DIFFERENTIAL (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 5-96. REAR AXLE, DIFFERENTIAL (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 9 | 91474529 | 1 | O-Ring | |
| 10 | 3968141 | 2 | Taper Roller Bearing | |
| 11 | 70027593 | 1 | Bevel Gear Set | |
| 12 | 70026031 | 2 | Taper Roller Bearing | |
| 13 | 91474547 | 2 | Ring Nut | |
| 14 | 91474591 | 4 | Cylinder Bolt | |
| 15 | 91514134 | 2 | Bolt | |
| 16 | 91514123 | 12 | Bolt | |
| 17 | 91474593 | 2 | Friction Washer | |
| 18 | 70025569 | 2 | Differential Side Gear | |
| 19 | 91474551 | 4 | Circlip | |
| 20 | 91474550 | 4 | Circlip | |
| 21 | 7029131 | 4 | Pin | |
| 22 | 91474553 | 4 | Friction Washer | |
| 23 | 91474595 | 1 | Differential Carrier | |
| 24 | 91474540 | 1 | Shim | |
| 25 | 91474541 | 1 | Shim | |
| 26 | 91474542 | 1 | Shim | |
| 27 | 91474543 | 1 | Shim | |
| 28 | 91474539 | 1 | Spacer | |
| 29 | 91474535 | 1 | Shim | |
| 30 | 91474536 | 1 | Shim | |
| 31 | 91474537 | 1 | Shim | |
| 32 | 91474538 | 1 | Shim | |
| 33 | 70024520 | 1 | Shim | |
| 34 | 70024521 | 1 | Shim | |
| 35 | 91474533 | 1 | Ring Nut | |
| 36 | 91474532 | 1 | Seal | |
| 37 | 7029427 | 1 | Flange | |
| 38 | 70026631 | 1 | Nut | |
| 39 | 70025570 | 4 | Differential Pinion | |
| 40 | 70021140 | 1 | Differential Kit | |

## FIGURE 5-97. REAR AXLE, HUB REDUCTION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 5-97. REAR AXLE, HUB REDUCTION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 41 | 7028048 | 2 | Axle Case | |
| 42 | 2400600 | 2 | Bolt | |
| 43 | 91514082 | 2 | Nut | |
| 44 | 7029428 | 32 | Bolt | |
| 45 | 80204071 | 2 | Circlip | |
| 46 | 80204005 | 2 | Circlip | |
| 47 | 91514146 | 2 | Ball Bearing | |
| 48 | 91514147 | 2 | Seal | |
| 49 | 91514148 | 2 | O-Ring | |
| 50 | 91514149 | 2 | Reduction Bushing (See Separate Breakdown in this Section) | |
| 51 | 70025928 | 1 | Double Universal Joint | |
| 52 | 8007771 | 2 | Seal | |
| 53 | 70025562 | 12 | Bolt | |
| 54 | 80204117 | 4 | Plug | |
| 55 | 91514099 | 2 | Grease Fitting | |
| 56 | 70025567 | 2 | Pivot Pin | |
| 57 | 8007779 | 2 | Shim | |
| 58 | 8007780 | 2 | Shim | |
| 59 | 8007782 | 2 | Shim | |
| 60 | 2401043 | 2 | Seal | |
| 61 | 70025549 | 2 | Cover | |
| 62 | 70020173 | 2 | Bushing | |
| 63 | 2401258 | 2 | Bearing | |
| 64 | 8006605 | 2 | Pivot Pin | |
| 65 | 91474513 | 2 | Magnetic Plug | |
| 66 | 91514188 | 4 | Plug | |
| 67 | 7029430 | 2 | Seal | |
| 68 | 3984301 | 4 | Bearing | |
| 69 | 8005801 | 2 | Wheel Hub | |
| 70 | 3983731 | 2 | Locking Plate | |
| 71 | 8007774 | 1 | Steering Case Kit (LH) (See Separate Breakdown in this Section) | |
| 72 | 8007777 | 1 | Steering Case Kit (RH) (See Separate Breakdown in this Section) | |
| 73 | 91514189 | 4 | Countersunk Bolt | |
| 74 | 91474584 | 16 | Nut | |
| 75 | 70027315 | 16 | STUD | |
| 76 | 80204002 | 2 | O-Ring | |
| 77 | 8000877 | 20 | Wheel Stud | |
| 78 | 7029431 | 2 | Planet Gear Carrier Kit (See Separate Breakdown in this Section) | |
| 79 | 70023900 | 8 | Planet Gear Kit (See Separate Breakdown in this Section) | |
| 80 | 7029432 | 2 | Ring Gear Support Kit (See Separate Breakdown in this Section) | |
| 81 | 7028115 | 2 | Grease Fitting | |
| 82 | 7028733 | 4 | Steering Adjust Bolt Kit (See Separate Breakdown in this Section) | |
| 83 | 70025819 | 8 | Stud | |
| 84 | 91514119 | 8 | Washer | |
| 85 | 91514120 | 8 | Nut | |

**FIGURE 5-98. REAR AXLE, BRAKES (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

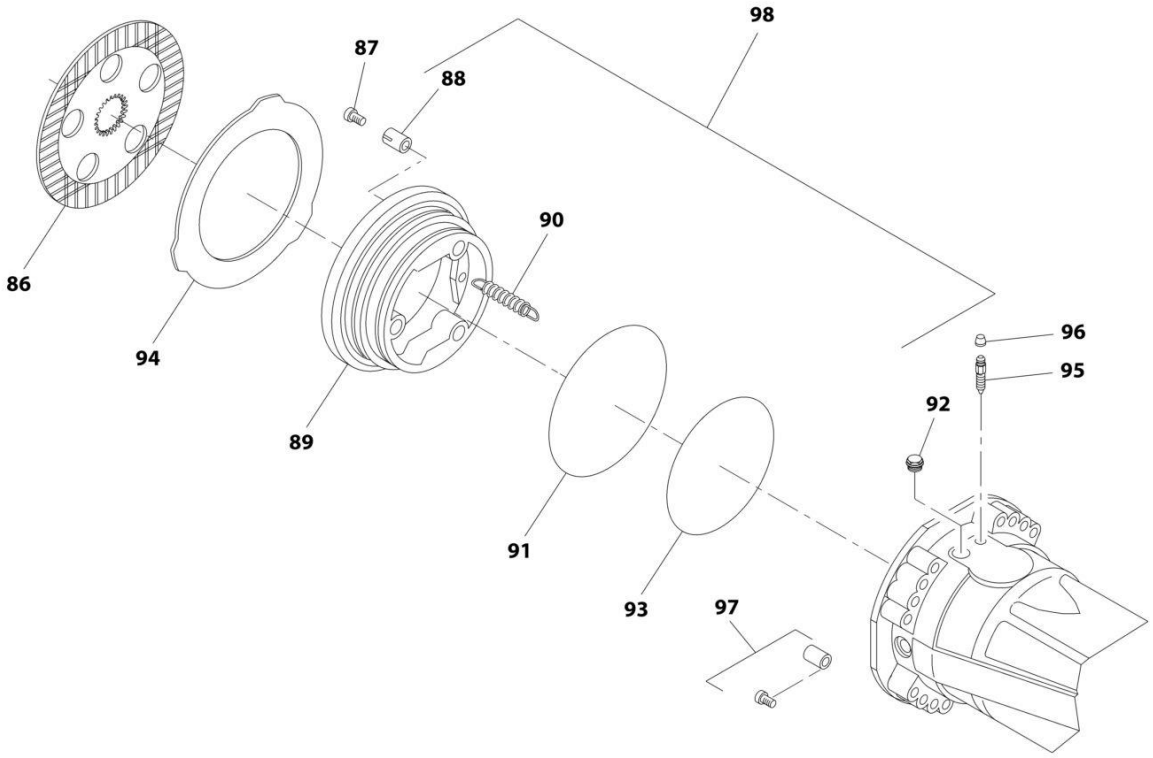


**FIGURE 5-98. REAR AXLE, BRAKES (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 86 | 91474568 | 6 | Disc | |
| 87 | 7029786 | 6 | Adjusting Bolt | |
| 88 | 91514165 | 6 | Spring | |
| 89 | 7028053 | 2 | Piston | |
| 90 | 3984425 | 6 | Spring | |
| 91 | 70025821 | 2 | O-Ring | |
| 92 | 91514154 | 2 | Plug | |
| 93 | 70025822 | 2 | O-Ring | |
| 94 | 70025823 | 8 | Intermediate Brake Disc | |
| 95 | 80204281 | 2 | Bleeding Bolt | |
| 96 | 80204117 | 2 | Plug | |
| 97 | 7029433 | 2 | Dowel | |
| 98 | 70026823 | 2 | Brakes Piston Kit (See Separate Breakdown in this Section) | |

**FIGURE 5-99. REAR AXLE, STEERING (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

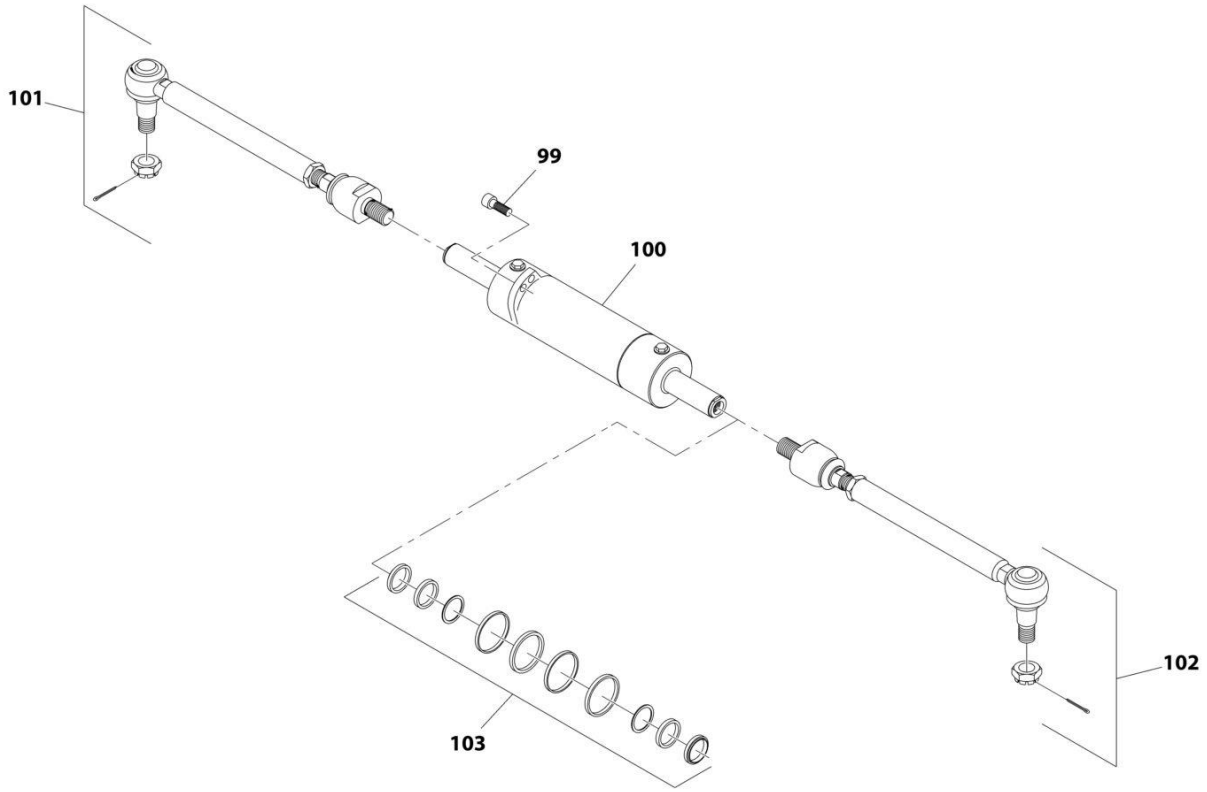


**FIGURE 5-99. REAR AXLE, STEERING (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 99 | 91474522 | 4 | Bolt | |
| 100 | 70025566 | 1 | Cylinder | |
| 101 | 70026752 | 1 | Bar | |
| 102 | 70026751 | 1 | Bar | |
| 103 | 70025842 | 1 | Seal Kit | |

**FIGURE 5-100. REAR AXLE, TRUNION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

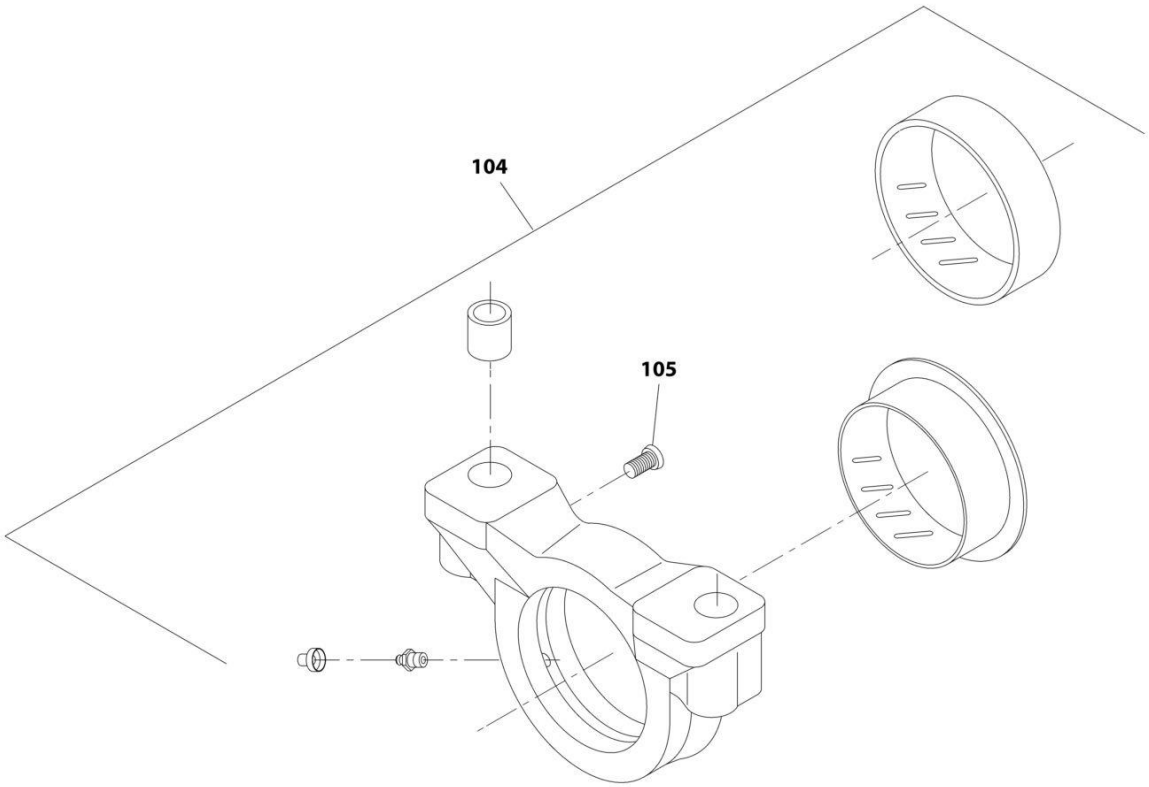
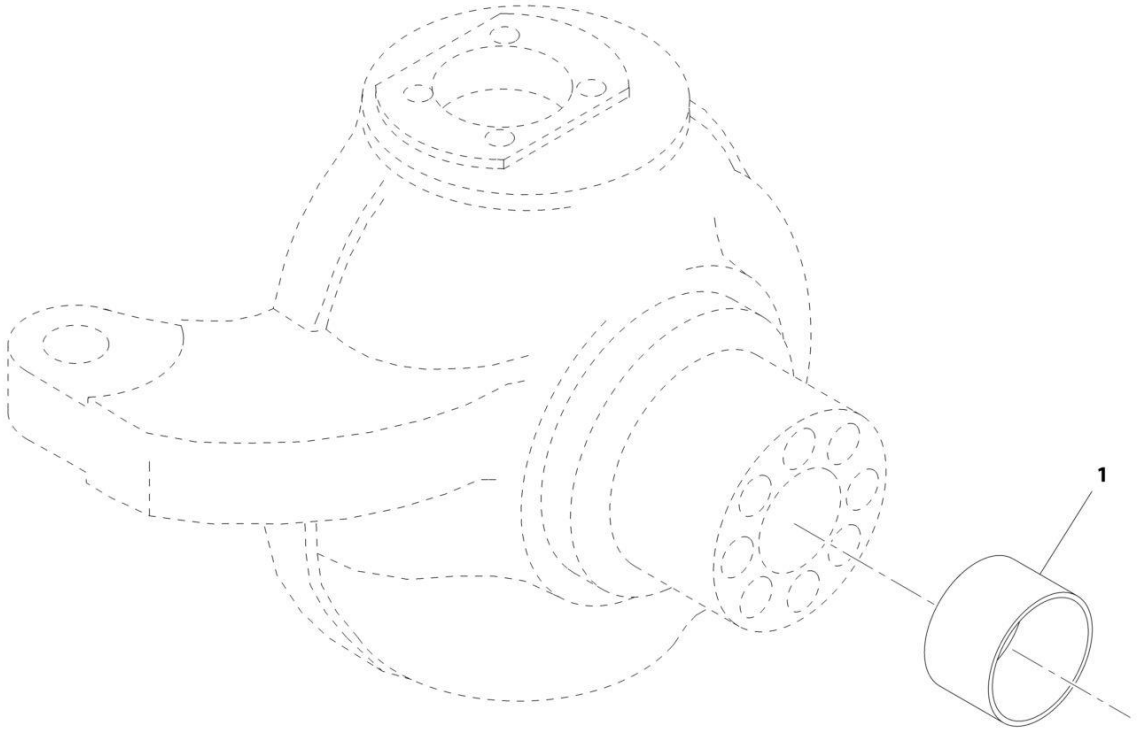


**FIGURE 5-100. REAR AXLE, TRUNION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 104 | 70026630 | 2 | Trunion Kit (See Separate Breakdown in this Section) | |
| 105 | 70025884 | 2 | Bolt | |

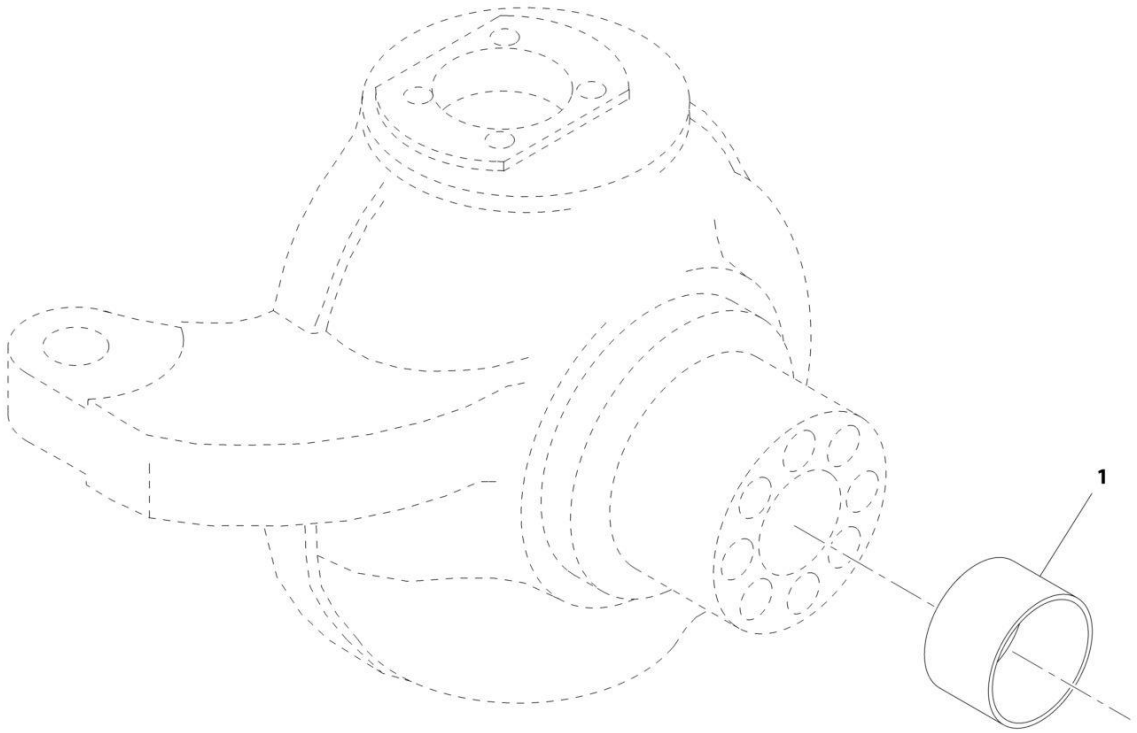
**FIGURE 5-101. STEERING CASE KIT, (LF, RR)**



## FIGURE 5-101. STEERING CASE KIT, (LF, RR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 8007774 | Ref | Steering Case Kit, (RF, LR) | |
| 1 | 8004468 | 1 | Bushing, Thrust | |

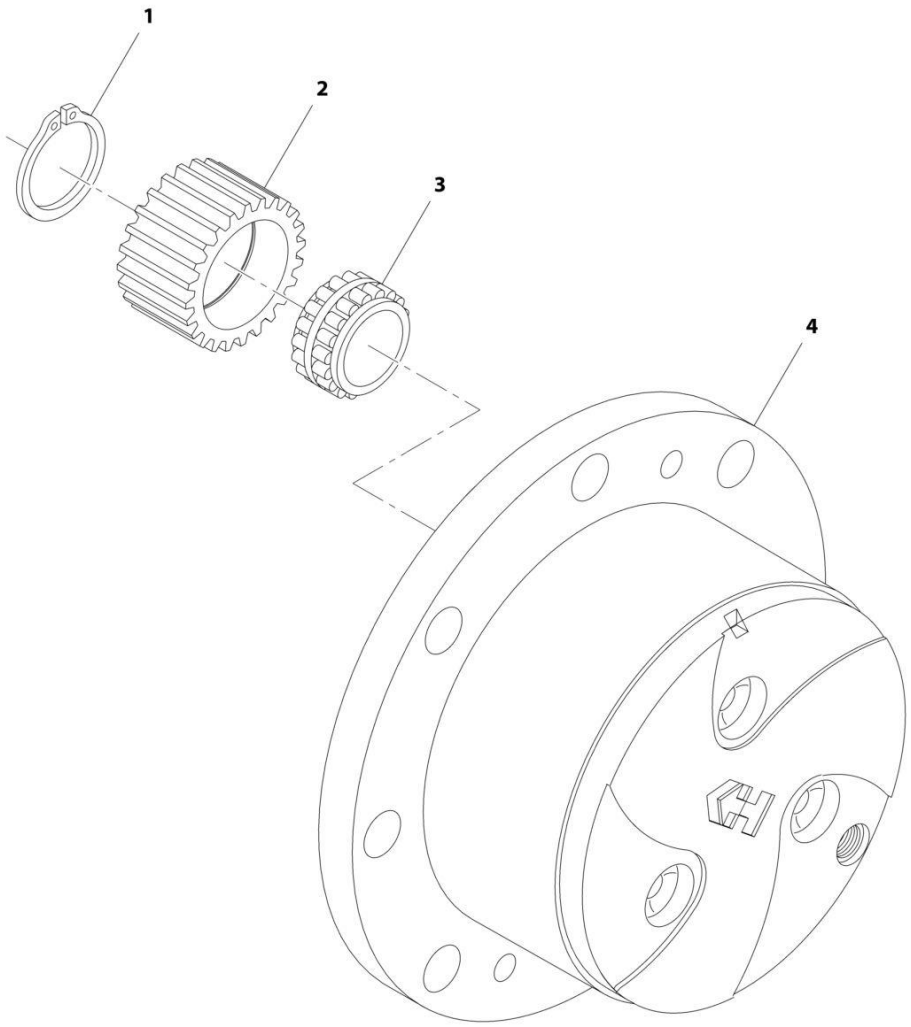
**FIGURE 5-102. STEERING CASE KIT, (RF, LR)**



## FIGURE 5-102. STEERING CASE KIT, (RF, LR)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 8007777 | Ref | Steering Case Kit, (LF, RR) | |
| 1 | 8004468 | 1 | Bushing, Thrust | |

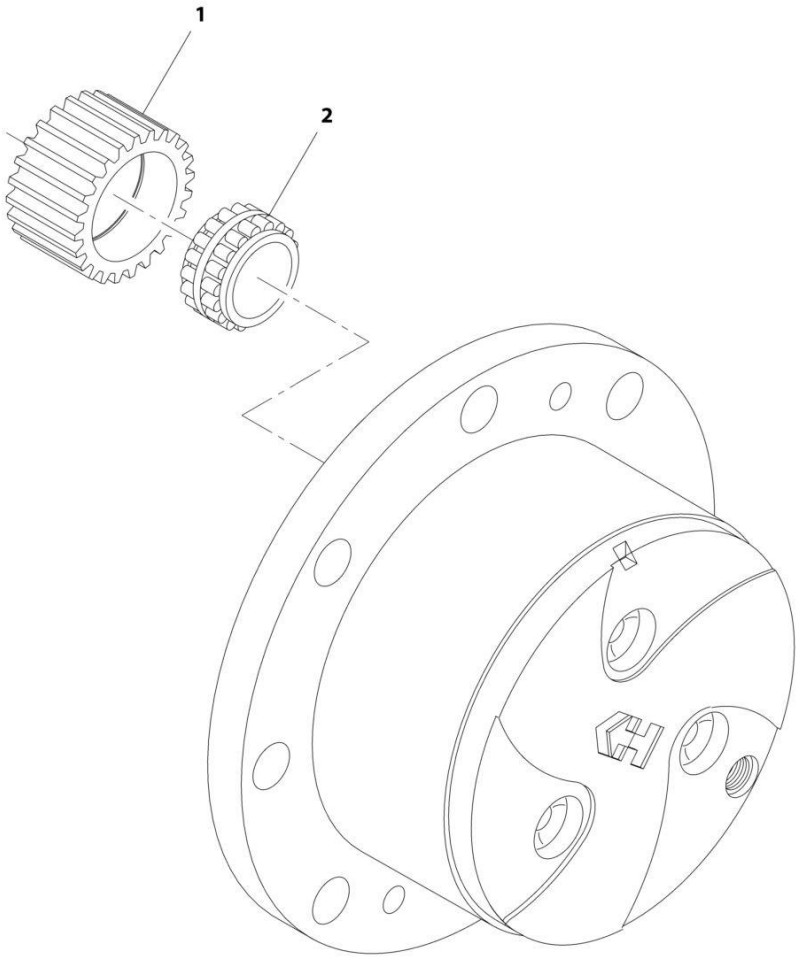
**FIGURE 5-103. PLANET GEAR CARRIER KIT**



## FIGURE 5-103. PLANET GEAR CARRIER KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7029431 | Ref | Planet Gear Carrier Kit | |
| 1 | 91474585 | 4 | Circlip | |
| 2 | 91474586 | 8 | Planet Gear | |
| 3 | 91474587 | 8 | Bearing | |
| 4 | 7029286 | 1 | Planet Gear Carrier | |

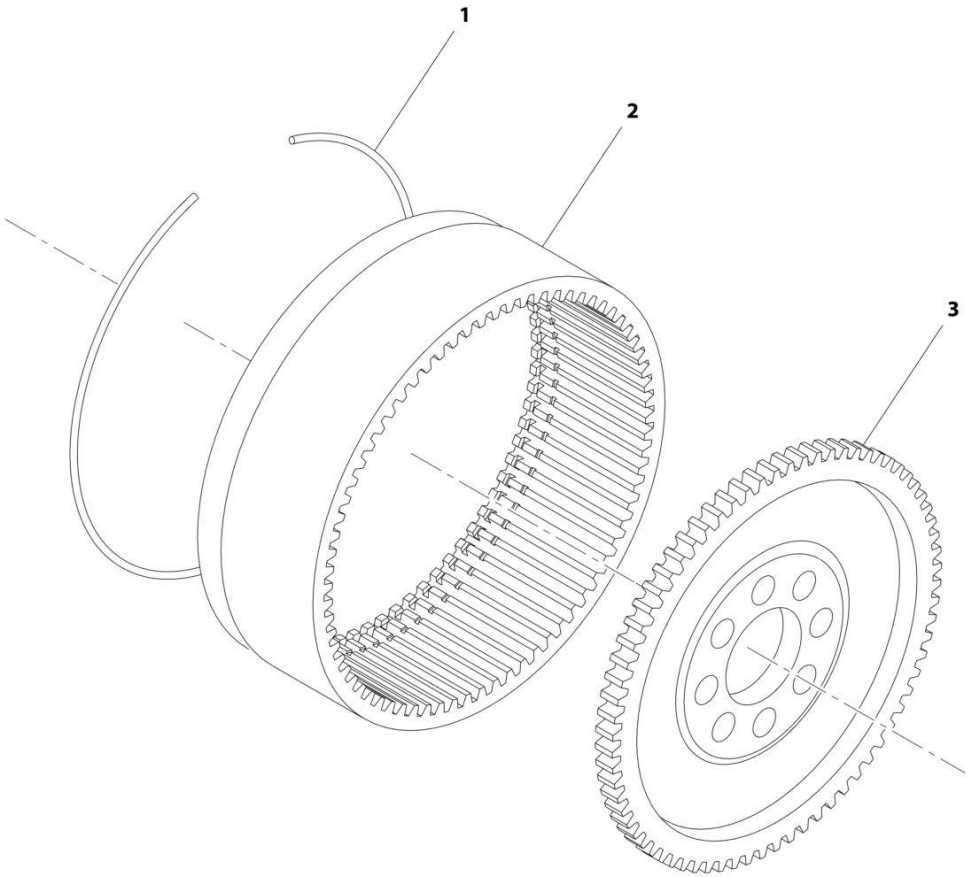
**FIGURE 5-104. PLANET GEAR KIT**



## FIGURE 5-104. PLANET GEAR KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70023900 | Ref | Planet Gear Kit | |
| 1 | 91474586 | 8 | Planet Gear | |
| 2 | 91474587 | 8 | Bearing | |

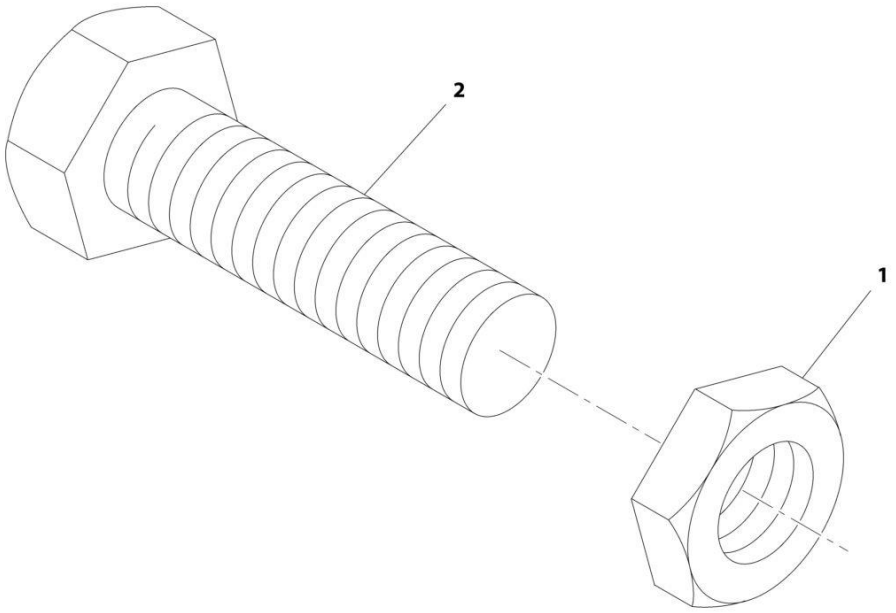
## FIGURE 5-105. RING GEAR SUPPORT KIT



## FIGURE 5-105. RING GEAR SUPPORT KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7029432 | Ref | Ring Gear Support Kit | |
| 1 | 91474579 | 1 | Circlip | |
| 2 | 91474580 | 1 | Ring Gear | |
| 3 | 3983720 | 1 | Ring Gear Support | |

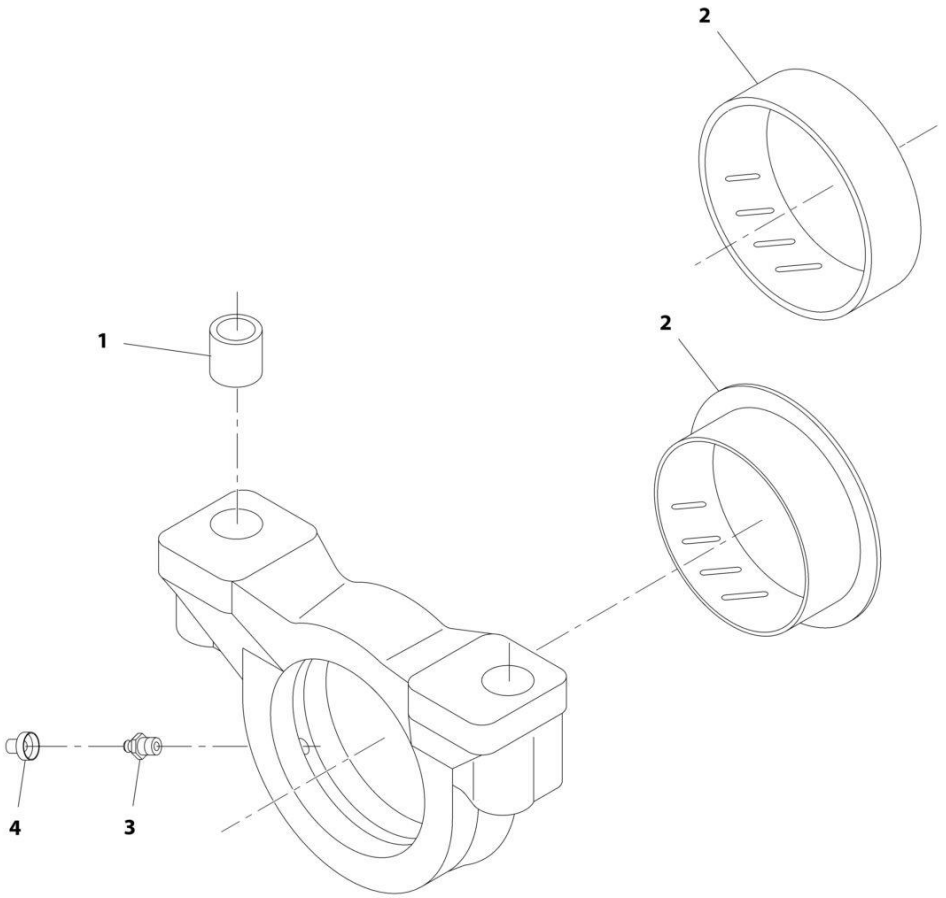
## FIGURE 5-106. STEERING ADJUST BOLT KIT



## FIGURE 5-106. STEERING ADJUST BOLT KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 7028733 | Ref | Steering Adjust Bolt Kit | |
| 1 | 80204065 | 2 | Nut | |
| 2 | 91514117 | 2 | Bolt | |

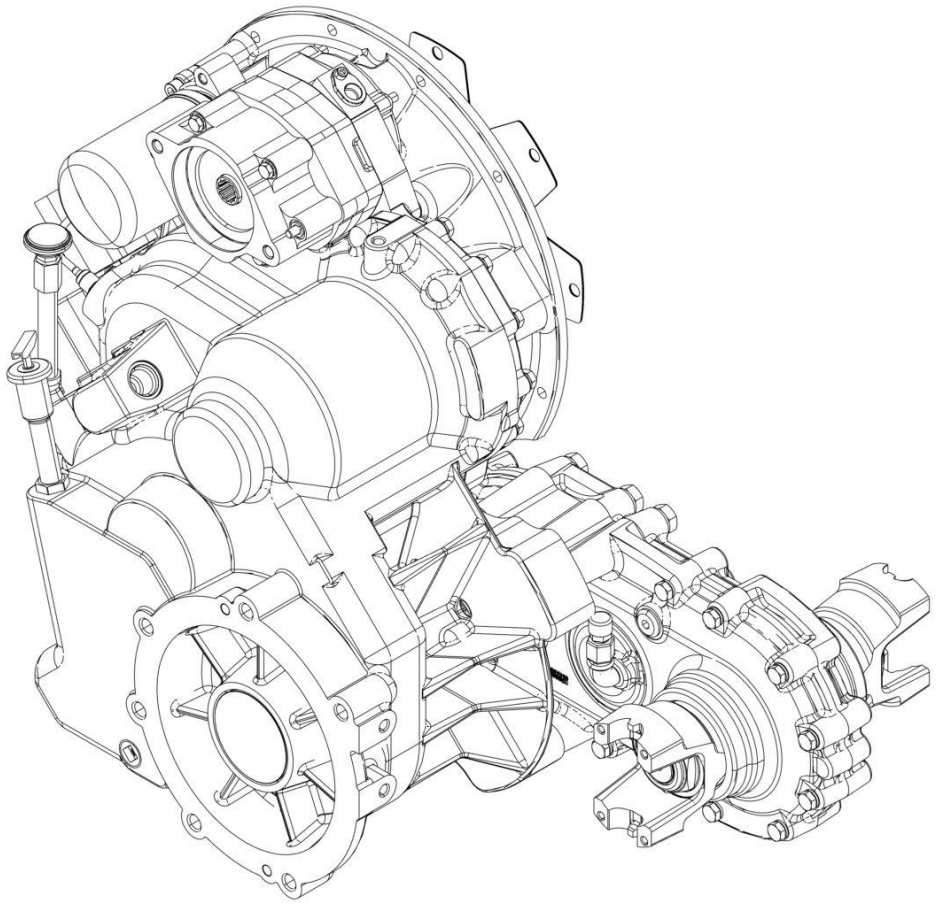
## FIGURE 5-107. TRUNION KIT



## FIGURE 5-107. TRUNION KIT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 70026630 | Ref | Kit, Trunion | |
| 1 | 91474516 | 2 | Bushing, Reduction | |
| 2 | 91474515 | 1 | Bushing, Thrust | |
| 3 | 7028083 | 1 | Support | |
| 4 | 91514099 | 1 | Fitting, Grease | |

**FIGURE 5-108. POWERSHIFT TRANSMISSION**

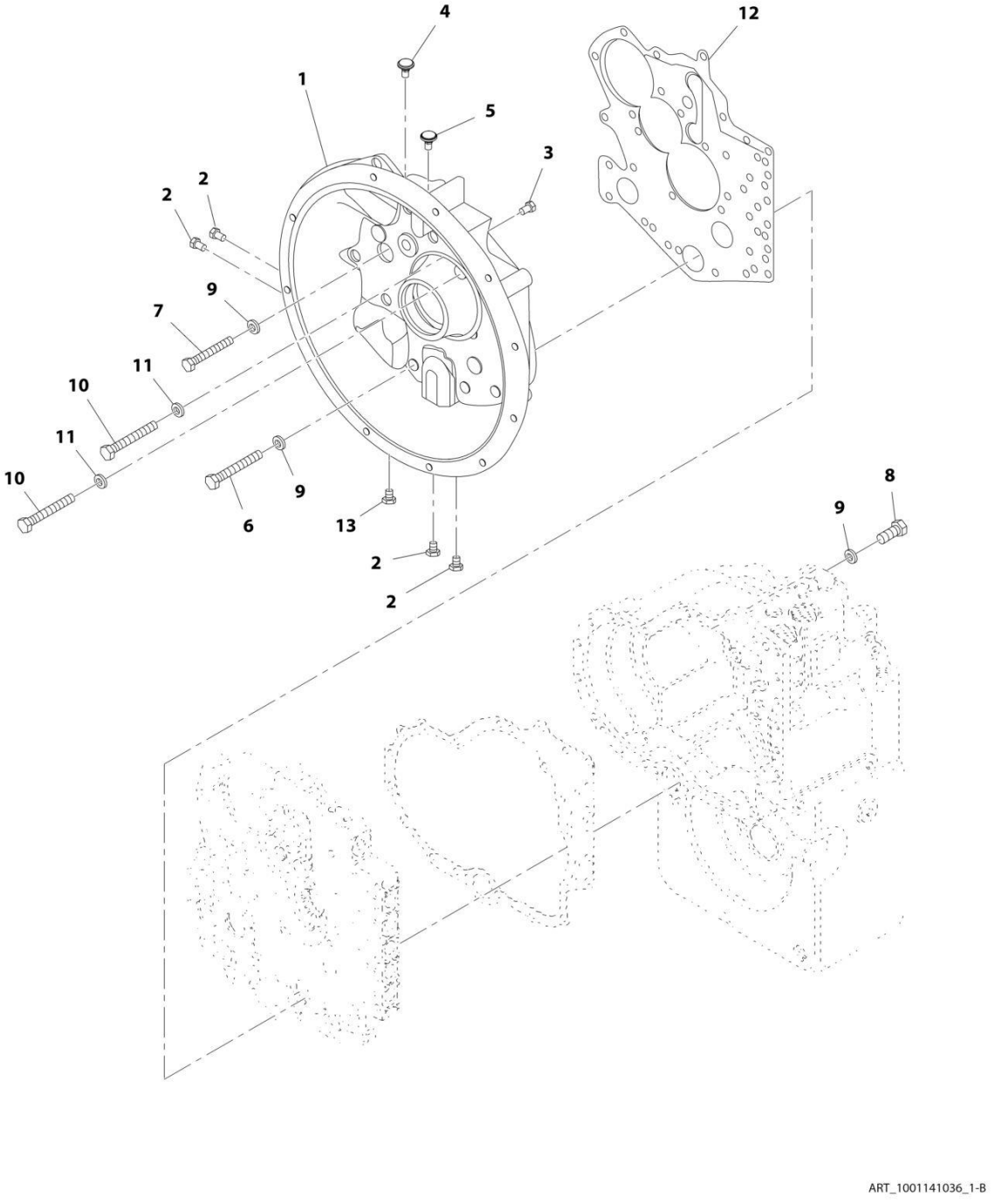


ART_1001141036-B

## FIGURE 5-108. POWERSHIFT TRANSMISSION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141036 | Ref | Transmission, Powershift | B |
| | | Ref | Converter Housing (See POWERSHIFT TRANSMISSION, CONVERTER HOUSING for Breakdown) | |
| | | Ref | Transmission Plate (See POWERSHIFT TRANSMISSION, TRANSMISSION PLATE for Breakdown) | |
| | | Ref | Torque Converter (See POWERSHIFT TRANSMISSION, TORQUE CONVERTER for Breakdown) | |
| | | Ref | Gear Group (See POWERSHIFT TRANSMISSION, GEAR GROUP for Breakdown) | |
| | | Ref | Pump Drive (See POWERSHIFT TRANSMISSION, PUMP DRIVE for Breakdown) | |
| | | Ref | Charge Pump (See POWERSHIFT TRANSMISSION, CHARGE PUMP for Breakdown) | |
| | | Ref | Reverse Idler (See POWERSHIFT TRANSMISSION, REVERSE IDLER for Breakdown) | |
| | | Ref | Forward and Reverse Shaft (See POWERSHIFT TRANSMISSION, FORWARD AND REVERSE SHAFT for Breakdown) | |
| | | Ref | 3rd Shaft (See POWERSHIFT TRANSMISSION, 3RD SHAFT for Breakdown) | |
| | | Ref | 1st & 2nd Shaft (See POWERSHIFT TRANSMISSION, 1ST & 2ND SHAFT for Breakdown) | |
| | | Ref | Output Shaft (See POWERSHIFT TRANSMISSION, OUTPUT SHAFT for Breakdown) | |
| | | Ref | Drop Box (See Powershift Transmission, Drop Box for Breakdown) | |
| | | Ref | Control (See POWERSHIFT TRANSMISSION, CONTROL for Breakdown) | |
| | | Ref | Modulation Valve (See POWERSHIFT TRANSMISSION, MODULATION VALVE for Breakdown) | |
| | | Ref | Drive Plate (See POWERSHIFT TRANSMISSION, DRIVE PLATE for Breakdown) | |

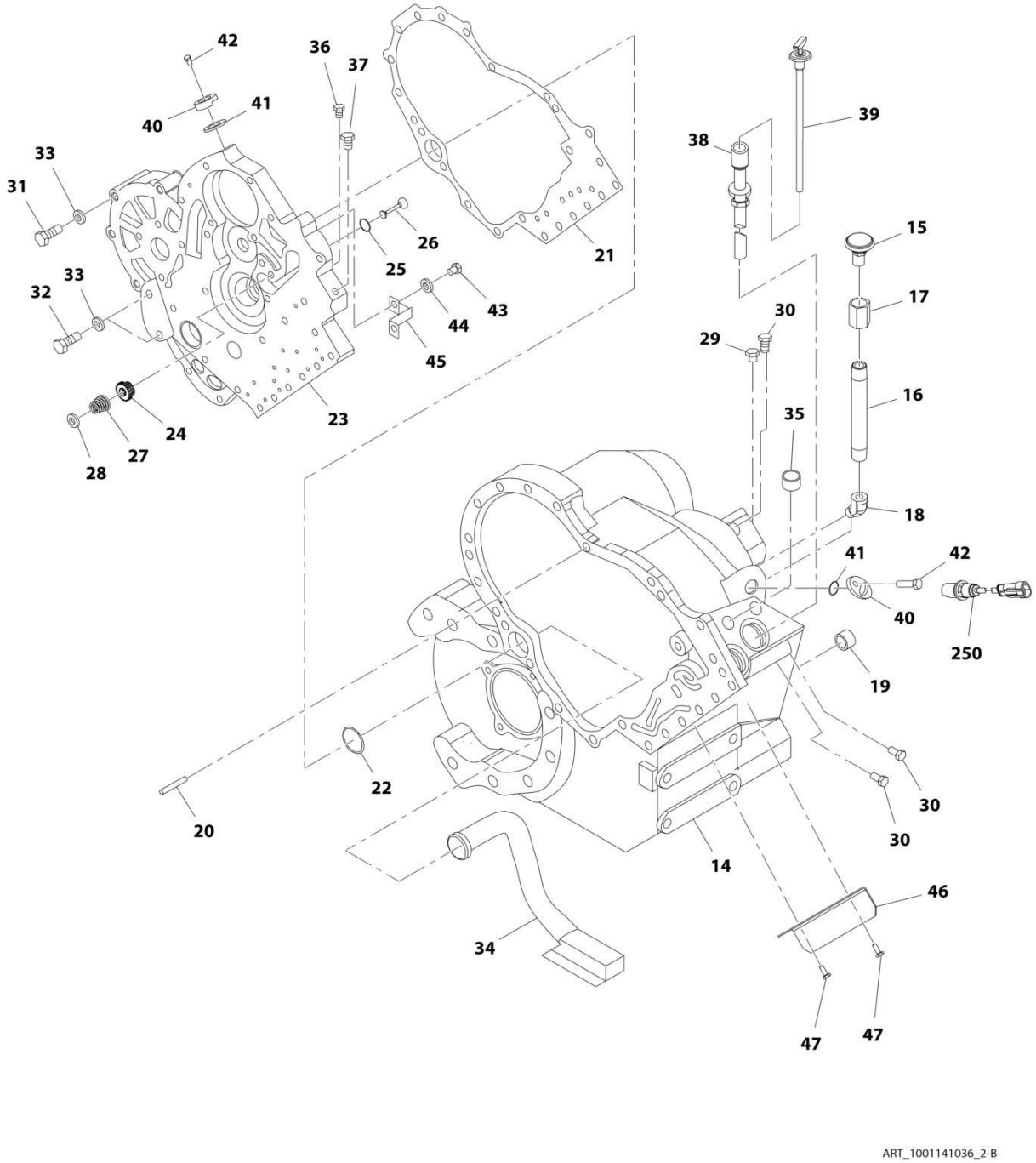
## FIGURE 5-109. POWERSHIFT TRANSMISSION, CONVERTER HOUSING



## FIGURE 5-109. POWERSHIFT TRANSMISSION, CONVERTER HOUSING

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 91474186 | 1 | Housing, Converter | |
| 2 | 8032526 | 4 | Plug | |
| 3 | 91474189 | 1 | Plug | |
| 4 | 8032526 | 1 | Plug | |
| 5 | 91474192 | 1 | Plug, Check Valve Bore | |
| 6 | 91474193 | 6 | Screw | |
| 7 | 91474194 | 3 | Screw | |
| 8 | 91474195 | 1 | Screw | |
| 9 | 91474265 | 10 | Lockwasher | |
| 10 | 91474194 | 13 | Screw | |
| 11 | 91474265 | 13 | Lockwasher | |
| 12 | 91474191 | 1 | Gasket | |
| 13 | 70025574 | 1 | Switch, Temperature | |

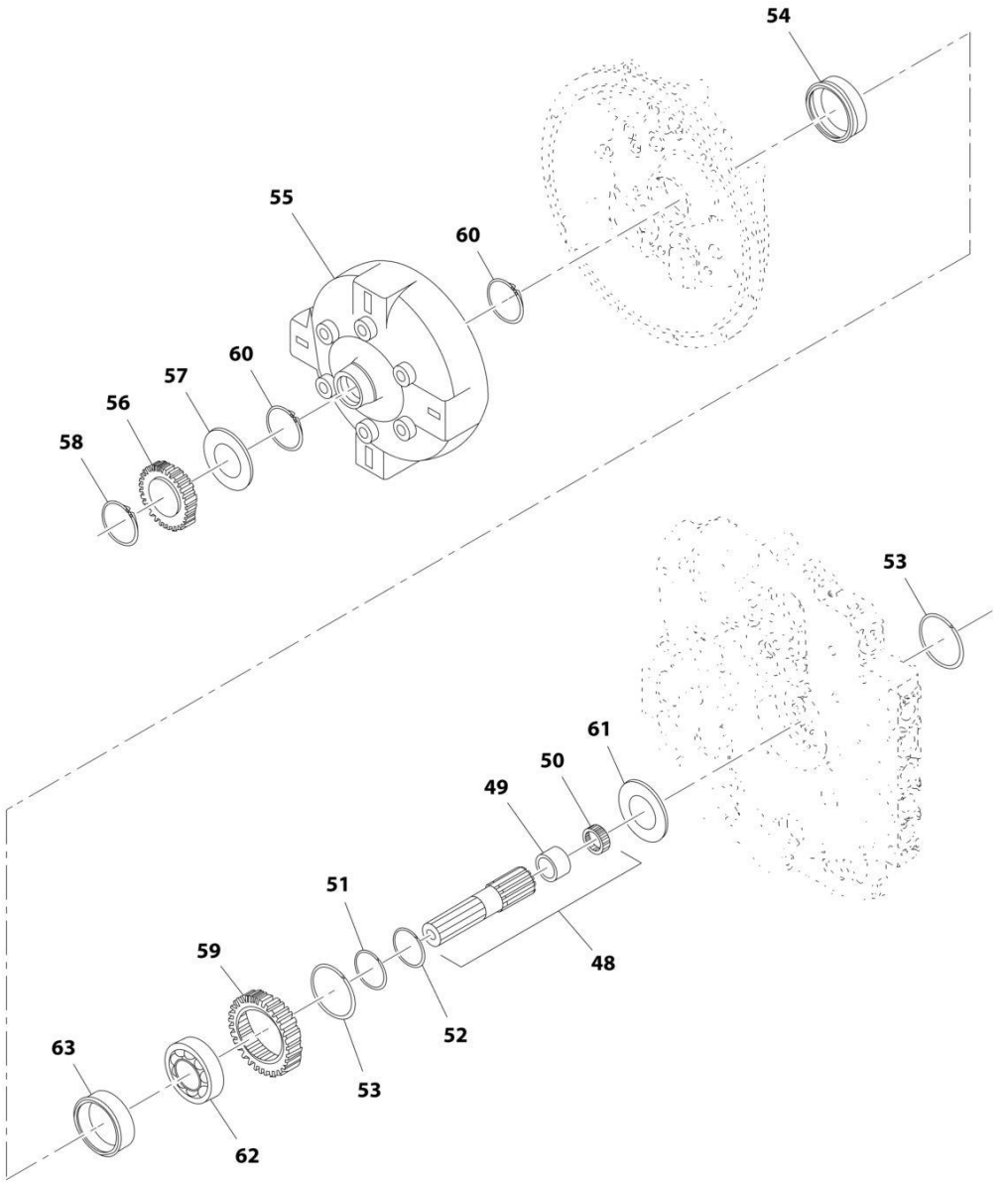
## FIGURE 5-110. POWERSHIFT TRANSMISSION, TRANSMISSION PLATE



## FIGURE 5-110. POWERSHIFT TRANSMISSION, TRANSMISSION PLATE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 14 | 70020402 | 1 | Case, Transmission | |
| 15 | 8032509 | 1 | Breather | |
| 16 | 7028058 | 1 | Nipple, Pipe | |
| 17 | 91474198 | 1 | Coupling, Pipe | |
| 18 | 91474199 | 1 | Fitting, Elbow | |
| 19 | 77104119 | 2 | Plug, Magnetic Drain | |
| 20 | 91474200 | 2 | Pin | |
| 21 | 10868213 | 1 | Gasket | |
| 22 | 10837074 | 1 | Ring, Oil Supply Tube Seal | |
| 23 | 7029822 | 1 | Plate, Spacer | |
| 24 | 8034963 | 1 | Seal, Safety Valve | |
| 25 | 91474205 | 1 | Ring, Snap | |
| 26 | 91474206 | 1 | Poppet, Converter Safety Valve | |
| 27 | 8034962 | 1 | Spring, Converter Safety Valve | |
| 28 | 8034961 | 1 | Washer, Poppet Retaining | |
| 29 | 91474189 | 1 | Plug | |
| 30 | 8032526 | 3 | Plug | |
| 31 | 91474208 | 7 | Screw | |
| 32 | 91474209 | 2 | Screw | |
| 33 | 91474265 | 9 | Lockwasher | |
| 34 | 91474210 | 1 | Tube, Suction | |
| 35 | 91474211 | 1 | Filler Plug | |
| 36 | 91474189 | 1 | Plug | |
| 37 | 91474192 | 1 | Plug | |
| 38 | 90204823 | 1 | Tube, Dipstick | |
| 39 | 70020403 | 1 | Dipstick, Cold Level | |
| 40 | 91474213 | 2 | Plug | |
| 41 | 91474214 | 2 | O-Ring | |
| 42 | 80344940 | 2 | Screw | |
| 43 | 91474617 | 2 | Capscrew | |
| 44 | 91474618 | 2 | Washer | |
| 45 | 70025575 | 1 | Baffle, Safety Valve | |
| 46 | 70020405 | 1 | Plate, Solenoid Protection | |
| 47 | 70020406 | 2 | Bolt, M6 | |
| 250 | 70025573 | 1 | Speed Sensor | |

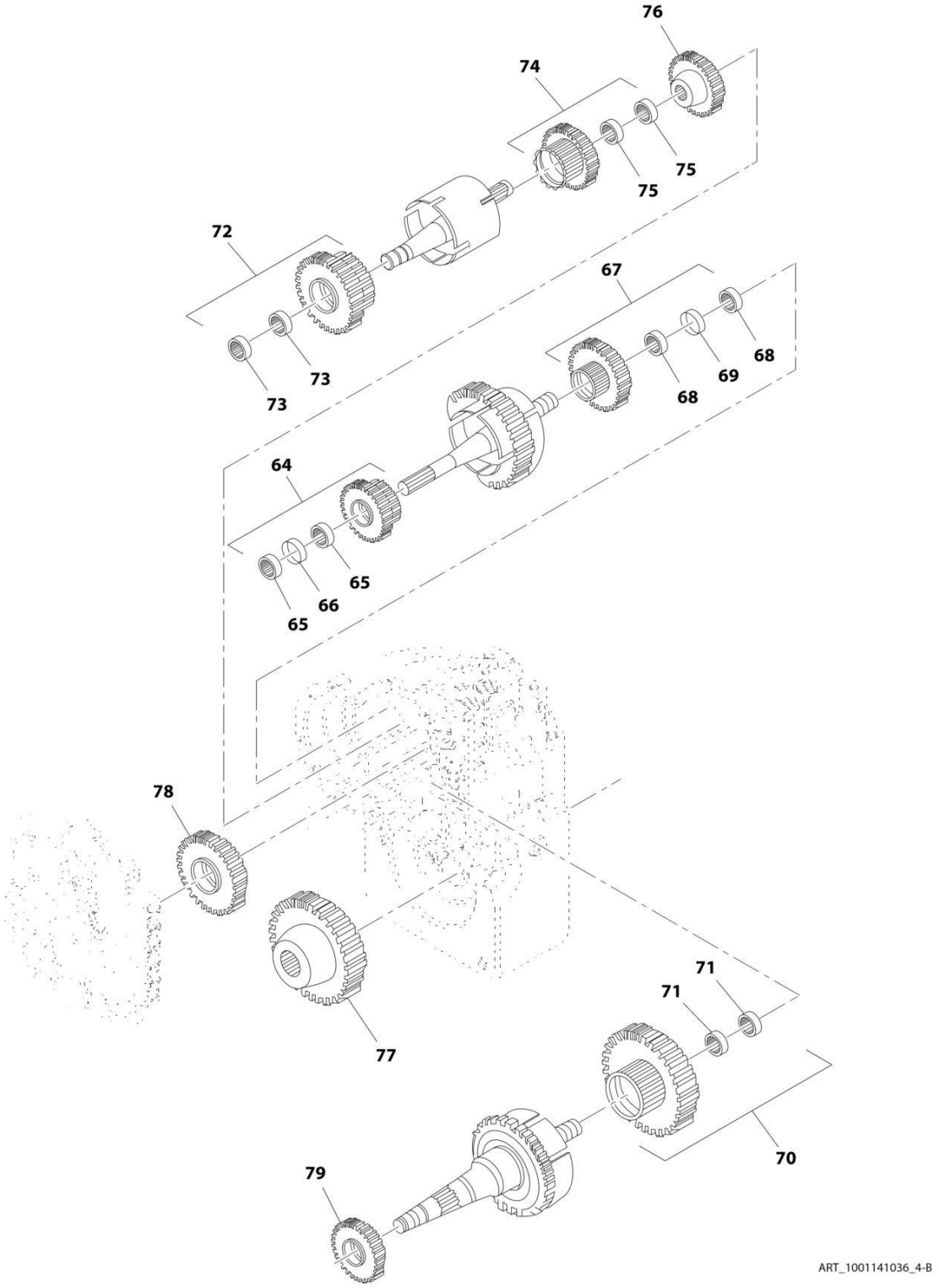
## FIGURE 5-111. POWERSHIFT TRANSMISSION, TORQUE CONVERTER



## FIGURE 5-111. POWERSHIFT TRANSMISSION, TORQUE CONVERTER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 10868239 | 1 | Support, Stator | |
| 49 | 91474217 | 1 | Bushing | |
| 50 | 91474218 | 1 | Bearing | |
| 51 | 91474219 | 1 | Ring, Stator Support Piston | |
| 52 | 91474220 | 1 | Expander, Stator Support Piston Ring | |
| 53 | 91474221 | 2 | Ring, Snap | |
| 54 | 91474222 | 1 | Seal | |
| 55 | 91474385 | 1 | Converter, Torque | |
| 56 | 90204781 | 1 | Plug | |
| 57 | 77104039 | 1 | O-Ring | |
| 58 | 77104041 | 1 | Ring, Snap | |
| 59 | 91474224 | 1 | Gear, Impeller Hub | |
| 60 | 8034968 | 2 | Ring, Snap | |
| 61 | 91474226 | 1 | Washer | |
| 62 | 91474227 | 1 | Bearing | |
| 63 | 91474228 | 1 | Ring, Oil Distributor | |

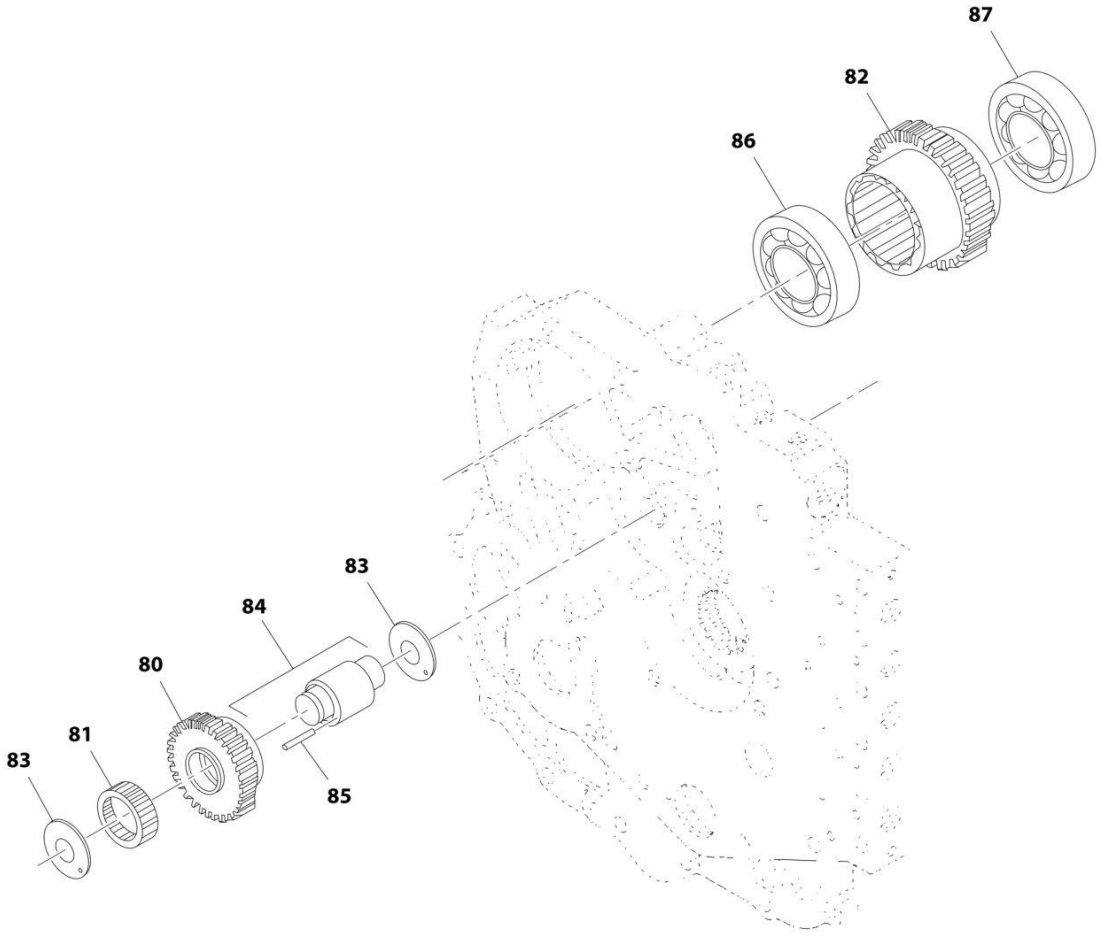
## FIGURE 5-112. POWERSHIFT TRANSMISSION, GEAR GROUP



## FIGURE 5-112. POWERSHIFT TRANSMISSION, GEAR GROUP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 64 | 7028060 | 1 | Assembly, Reverse Gear and Bearing | |
| 65 | 91474230 | 2 | Needle, Bearing | |
| 66 | 91474231 | 1 | Spacer | |
| 67 | 91474232 | 1 | Assembly, Forward Gear and Bearing | |
| 68 | 91474230 | 2 | Needle, Bearing | |
| 69 | 91474231 | 1 | Spacer | |
| 70 | 91474235 | 1 | Gear and Bearing, 3rd Clutch | |
| 71 | 91474236 | 2 | Needle, Bearing | |
| 72 | 91474390 | 1 | Gear and Bearing, 1st Clutch | |
| 73 | 91474230 | 2 | Needle, Bearing | |
| 74 | 91474392 | 1 | Gear and Bearing, 2nd Clutch | |
| 75 | 91474230 | 2 | Needle, Bearing | |
| 76 | 91474233 | 1 | Gear, 3rd Driven | |
| 77 | 91474234 | 1 | Gear, Output Shaft | |
| 78 | 91474395 | 1 | Gear, Reverse Idler | |
| 79 | 91474396 | 1 | Gear, First Drive | |

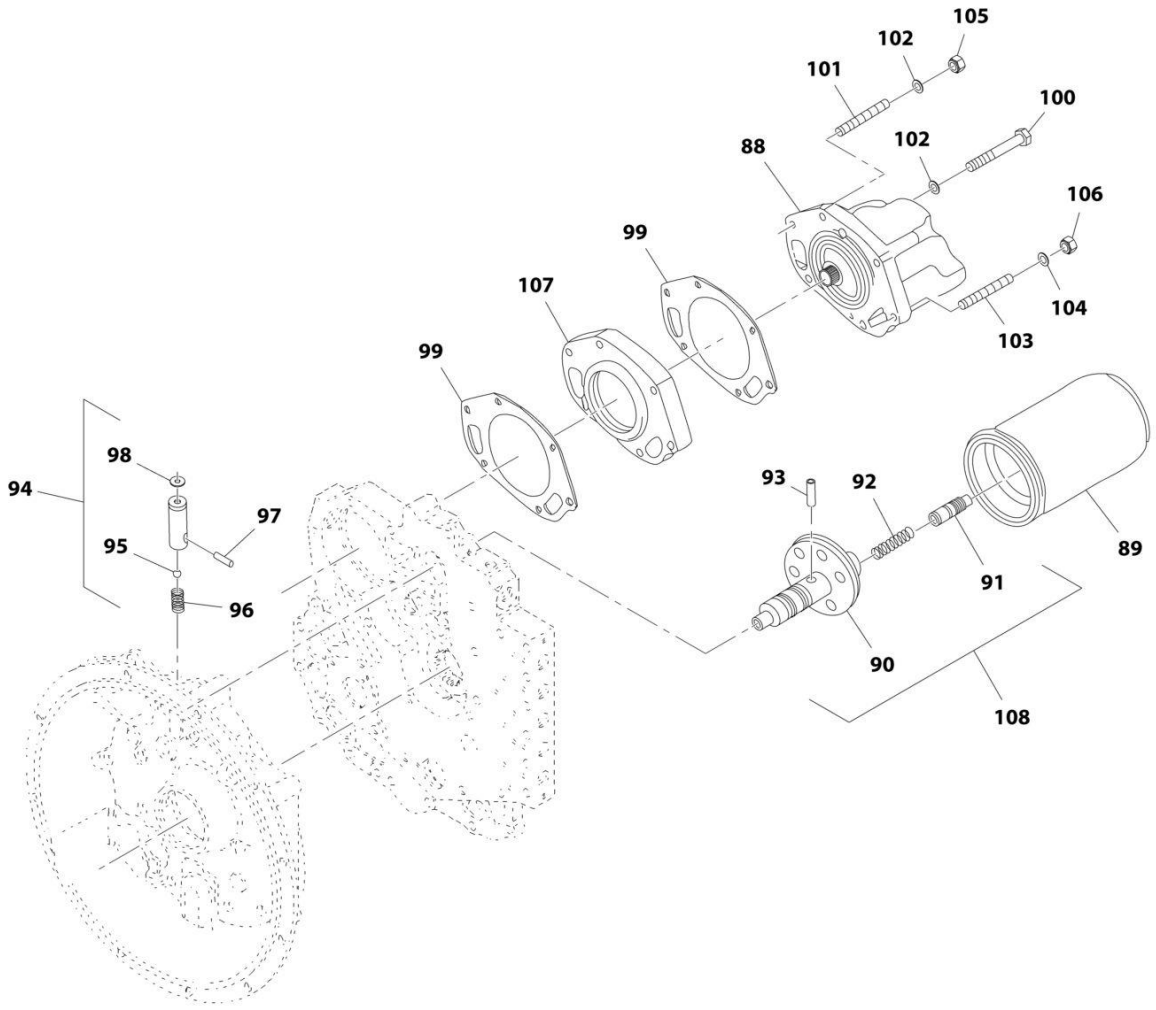
## FIGURE 5-113. POWERSHIFT TRANSMISSION, PUMP DRIVE



## FIGURE 5-113. POWERSHIFT TRANSMISSION, PUMP DRIVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 80 | 91474241 | 1 | Gear, Pump Drive Idler | |
| 81 | 91474242 | 1 | Bearing, Idler Gear | |
| 82 | 91474243 | 1 | Gear, Pump Drive | |
| 83 | 91474244 | 2 | Washer | |
| 84 | 91474245 | 1 | Assembly, Pump Drive Shaft and Pin | |
| 85 | 91474246 | 1 | Pin | |
| 86 | 91474247 | 1 | Bearing | |
| 87 | 91474248 | 1 | Bearing | |

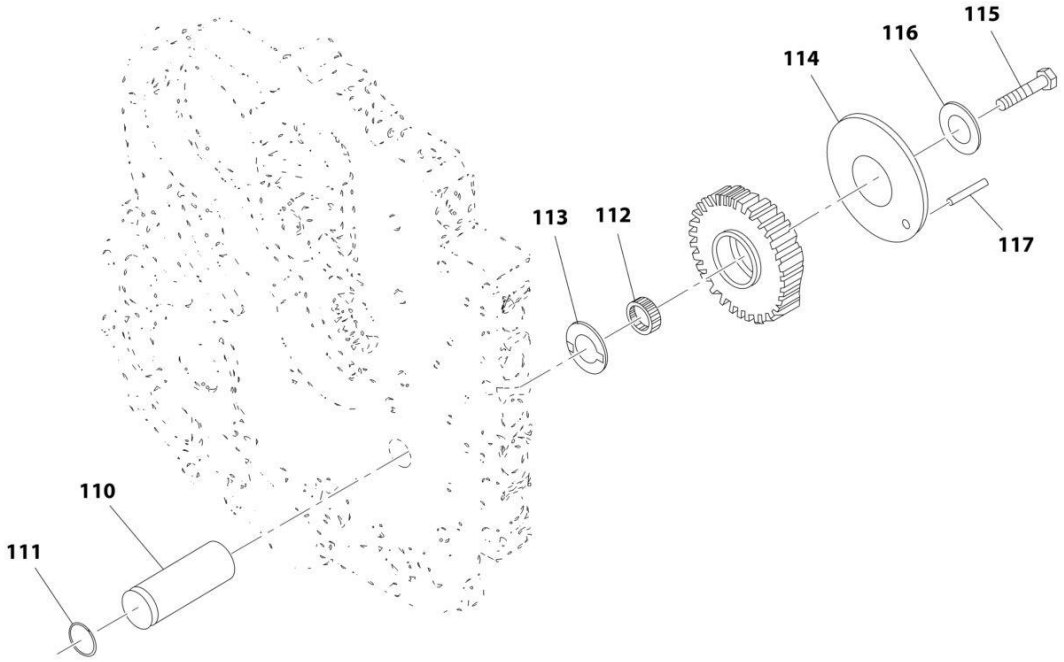
## FIGURE 5-114. POWERSHIFT TRANSMISSION, CHARGE PUMP



## FIGURE 5-114. POWERSHIFT TRANSMISSION, CHARGE PUMP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 88 | 70020407 | 1 | Pump, Charge | |
| 89 | 8008101 | 1 | Filter, Hydraulic Spin | |
| 90 | 91474251 | 1 | Sleeve, Regulator Valve | |
| 91 | 91474252 | 1 | Piston, Regulator Valve | |
| 92 | 91474253 | 1 | Spring, Regulator Valve | |
| 93 | 91474254 | 1 | Pin | |
| 94 | 91474255 | 1 | Assembly, Ball Check Valve | |
| 95 | 91474256 | 1 | Ball | |
| 96 | 91474257 | 1 | Spring, Check Valve | |
| 97 | 91474258 | 1 | Pin, Check Valve | |
| 98 | 91474259 | 1 | O-Ring | |
| 99 | 10868254 | 2 | Gasket | |
| 100 | 7028063 | 4 | Screw, Pump Mounting | |
| 101 | 91474262 | 1 | Stud, Pump Mounting | |
| 102 | 91474263 | 5 | Lockwasher, Pump Mounting | |
| 103 | 91474264 | 1 | Stud, Pump Mounting | |
| 104 | 91474265 | 1 | Lockwasher | |
| 105 | 91474266 | 1 | Nut | |
| 106 | 91474274 | 1 | Nut | |
| 107 | 91474268 | 1 | Adapter, Pump to Plate | |
| 108 | 91474273 | 1 | Valve, Regulator (includes items 90 thru 93) | |
| 109 | 91474271 | 2 | Capscrew, (not shown) | |

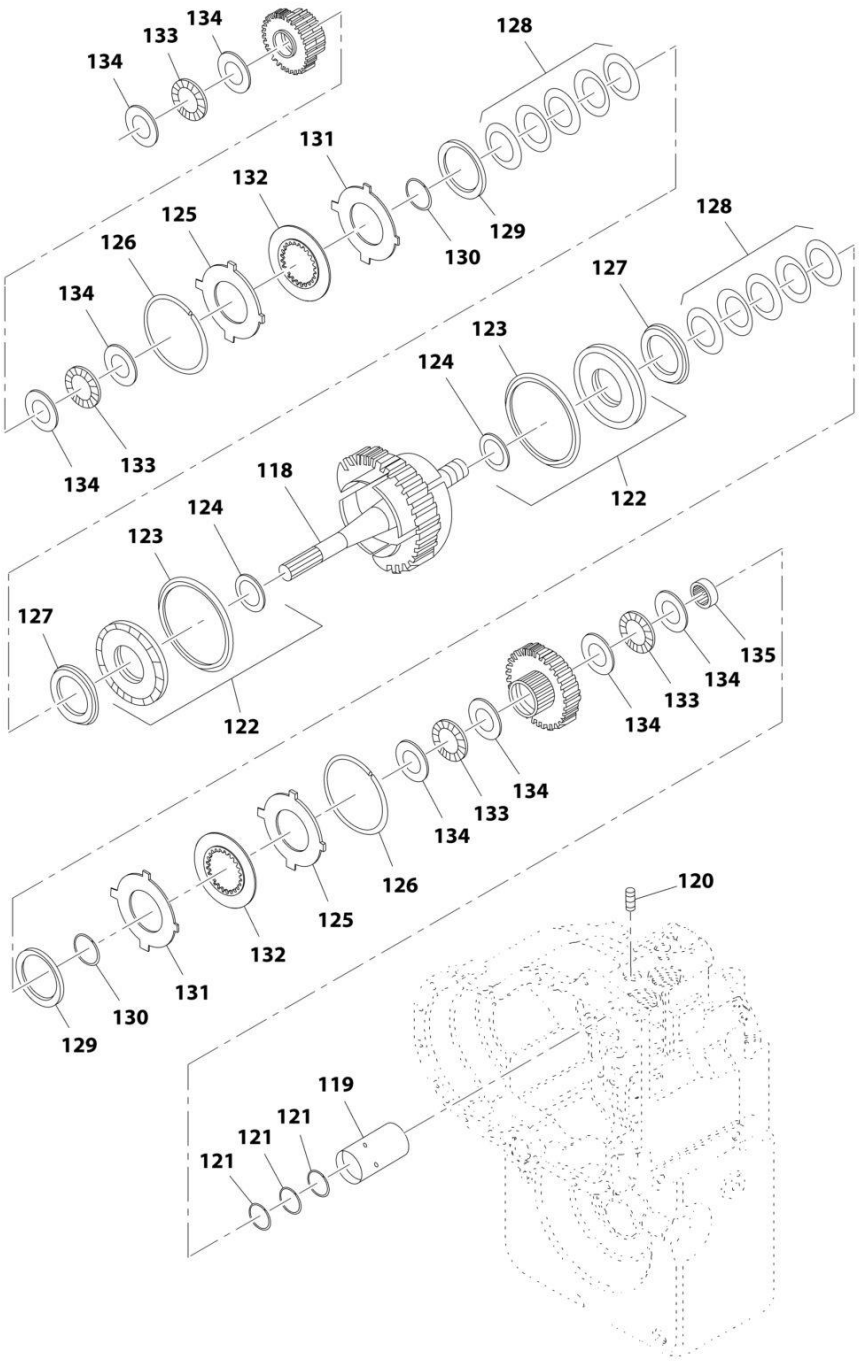
## FIGURE 5-115. POWERSHIFT TRANSMISSION, REVERSE IDLER



## FIGURE 5-115. POWERSHIFT TRANSMISSION, REVERSE IDLER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 110 | 91474275 | 1 | Shaft, Idler and Pilot | |
| 111 | 91474276 | 1 | Ring, Snap | |
| 112 | 91474277 | 1 | Bearing, Reverse Idler Gear | |
| 113 | 91474278 | 1 | Washer, Thrust | |
| 114 | 91474279 | 1 | Plate, End | |
| 115 | 91474280 | 1 | Capscrew | |
| 116 | 91474281 | 1 | Washer | |
| 117 | 91474282 | 1 | Pin, Roll | |

## FIGURE 5-116. POWERSHIFT TRANSMISSION, FORWARD AND REVERSE SHAFT

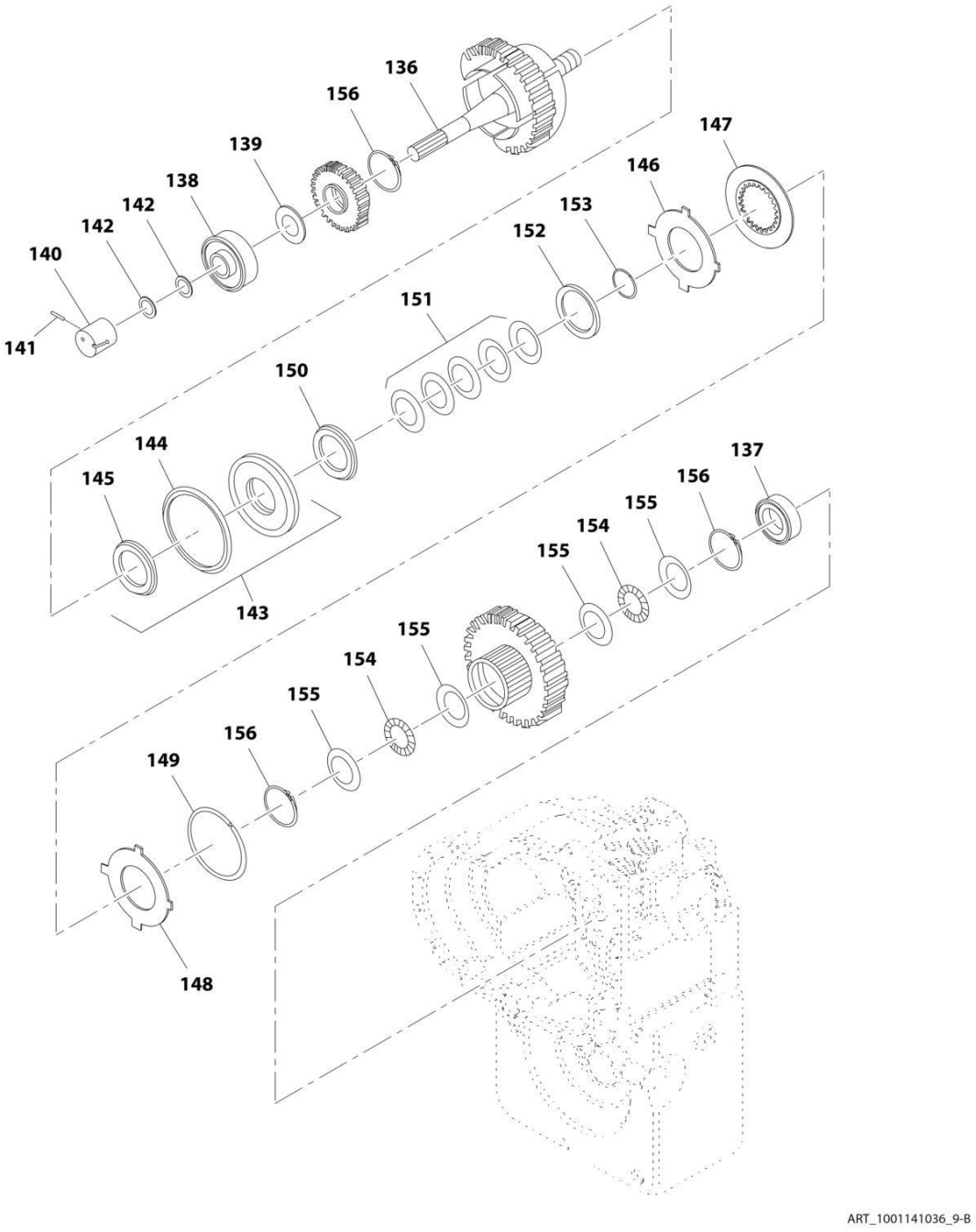



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## FIGURE 5-116. POWERSHIFT TRANSMISSION, FORWARD AND REVERSE SHAFT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 118 | 91474283 | 1 | Assembly, Turbine Shaft, Drum and Plug | |
| 119 | 91474284 | 1 | Sleeve, Oil Distributor | |
| 120 | 8035035 | 1 | Screw | |
| 121 | 10837060 | 3 | Ring | |
| 122 | 91474287 | 2 | Assembly, Piston and Seal | |
| 123 | 91474288 | 2 | Seal, Clutch Piston (outer) | |
| 124 | 91474289 | 2 | Seal, Clutch Piston (inner) | |
| 125 | 91474290 | 2 | Plate, End | |
| 126 | 91474309 | 2 | Ring, Snap | |
| 127 | 1086827 | 2 | Clutch Piston Wear Plate | |
| 128 | 91474310 | 2 | Disc Spring Assembly (includes 5 washers) | |
| 129 | 91474294 | 2 | Snap Ring | |
| 130 | 91474295 | 2 | Snap Ring | |
| 131 | 91474296 | 12 | Disc, Outer (6 forward, 6 reverse) | |
| 132 | 91474297 | 12 | Disc, Inner (6 forward, 6 reverse) | |
| 133 | 91474298 | 4 | Clutch Gear Thrust Bearing | |
| 134 | 91474299 | 8 | Clutch Gear Thrust Washer | |
| 135 | 91474300 | 1 | Turbine Shaft Rear Bearing | |

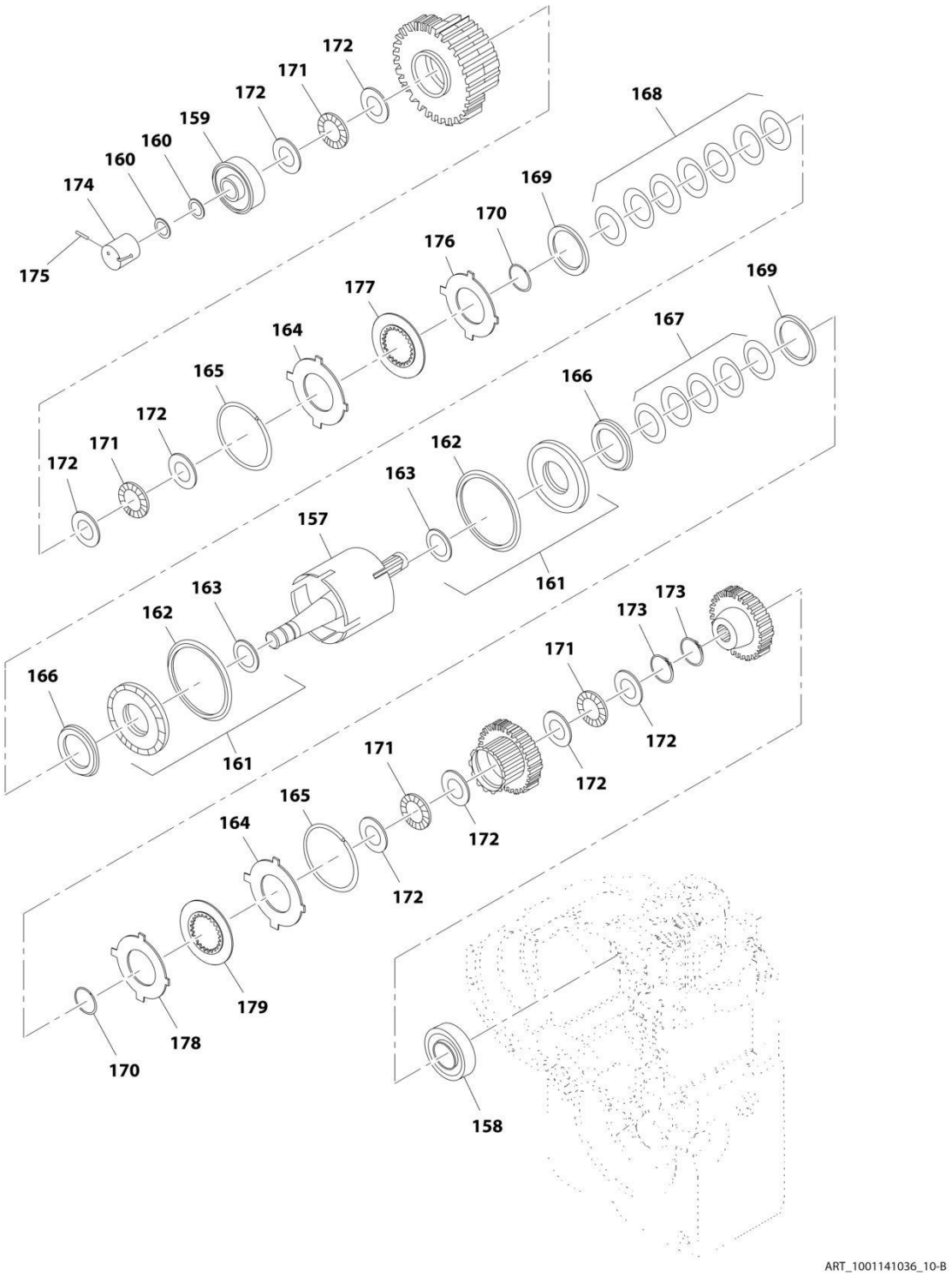
## FIGURE 5-117. POWERSHIFT TRANSMISSION, 3RD SHAFT



## FIGURE 5-117. POWERSHIFT TRANSMISSION, 3RD SHAFT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 136 | 91474301 | 1 | Assembly, 3RD Shaft | |
| 137 | 91474302 | 1 | Bearing, Roller | |
| 138 | 91474303 | 1 | Assembly, Bearing and Seal | |
| 139 | 91474304 | 1 | Washer, Bearing Support | |
| 140 | 91474305 | 1 | Sleeve, Oil Distributor | |
| 141 | 91474306 | 1 | Screw, Sleeve Retaining | |
| 142 | 10837060 | 2 | Ring, Piston | |
| 143 | 91474307 | 1 | Assembly, Piston and Seals | |
| 144 | 91474288 | 1 | Seal, Clutch Piston (outer) | |
| 145 | 91474289 | 1 | Seal, Clutch Piston (inner) | |
| 146 | 91474296 | 5 | Disc, Outer | |
| 147 | 91474297 | 5 | Disc, Inner | |
| 148 | 91474290 | 1 | Plate, End | |
| 149 | 91474309 | 1 | Ring, Snap | |
| 150 | 10868277 | 1 | Plate, Clutch Piston Wear | |
| 151 | 91474310 | 1 | Assembly, Disc Spring (includes 5 washers) | |
| 152 | 91474294 | 1 | Ring, Snap | |
| 153 | 91474295 | 1 | Ring, Snap | |
| 154 | 91474311 | 2 | Bearing, Thrust Needle Roller | |
| 155 | 91474312 | 4 | Washer, Thrust Gear Clutch | |
| 156 | 91474313 | 3 | Ring, Snap | |

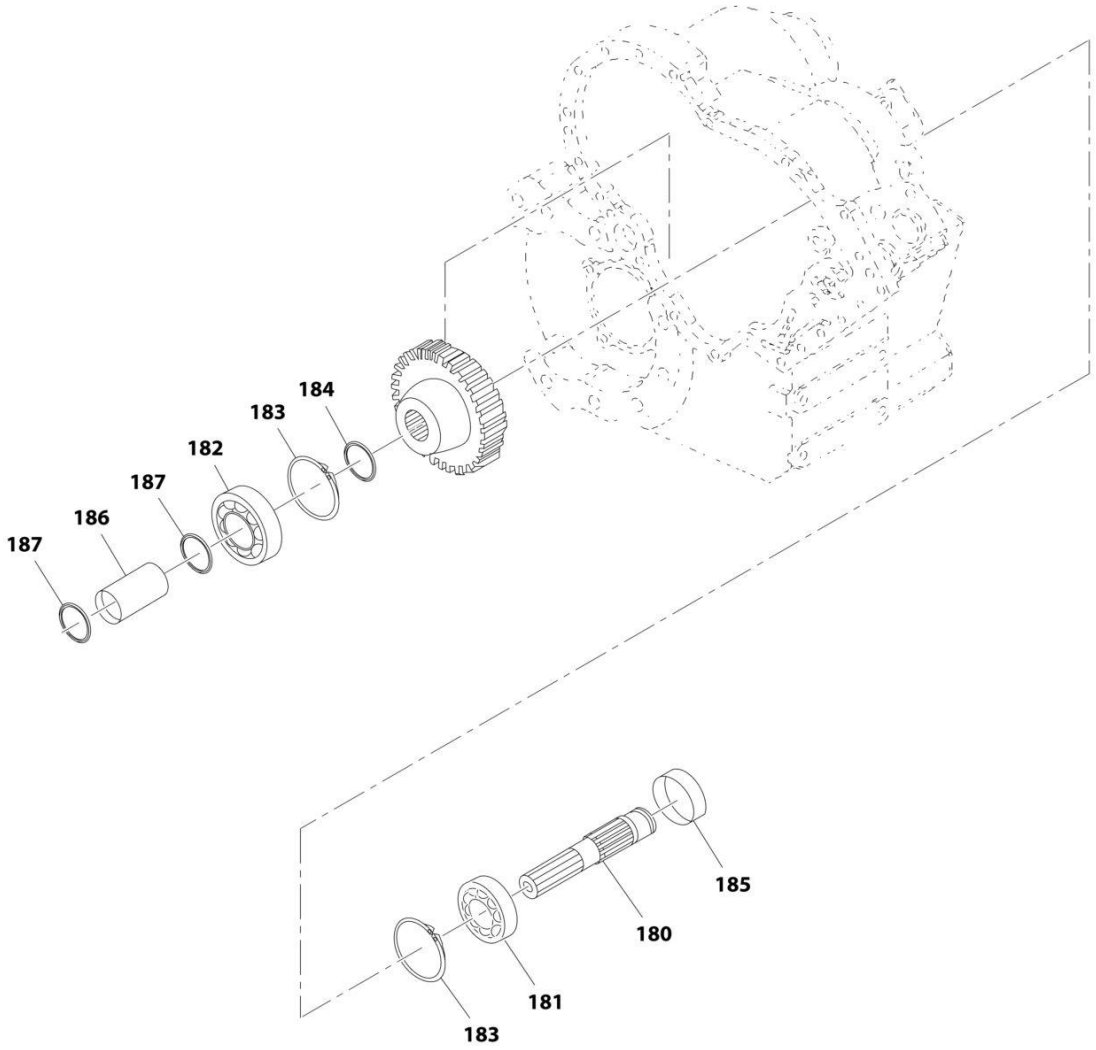
## FIGURE 5-118. POWERSHIFT TRANSMISSION, 1ST & 2ND SHAFT



## FIGURE 5-118. POWERSHIFT TRANSMISSION, 1ST & 2ND SHAFT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 157 | 91474314 | 1 | Assembly, 1st & 2nd Shaft | |
| 158 | 91474315 | 1 | Bearing, Roller | |
| 159 | 91474303 | 1 | Assembly, Bearing and Seal | |
| 160 | 10837060 | 2 | Ring, Piston | |
| 161 | 91474316 | 2 | Assembly, Piston and Seal | |
| 162 | 91474288 | 2 | Seal, Clutch Piston (outer) | |
| 163 | 91474289 | 2 | Seal, Clutch Piston (inner) | |
| 164 | 91474290 | 2 | Plate, End | |
| 165 | 91474309 | 2 | Ring, Snap | |
| 166 | 10868277 | 2 | Plate, Clutch Piston Wear | |
| 167 | 91474310 | 1 | Assembly, Disc Spring 2nd (includes 5 washers) | |
| 168 | 91474317 | 1 | Assembly, Disc Spring 1st (includes 7 washers) | |
| 169 | 91474294 | 2 | Ring, Snap | |
| 170 | 91474295 | 2 | Ring, Snap | |
| 171 | 91474298 | 4 | Bearing, Clutch Gear Thrust | |
| 172 | 91474299 | 8 | Washer Clutch Gear Thrust | |
| 173 | 91474318 | 2 | Ring, 2nd Clutch Gear Hub Snap | |
| 174 | 91474319 | 1 | Sleeve, Oil Distributor | |
| 175 | 91474306 | 1 | Screw, Sleeve Retaining | |
| 176 | 91474296 | 10 | Disc, Outer (1st) | |
| 177 | 91474297 | 10 | Disc, Inner (1st) | |
| 178 | 91474296 | 5 | Disc, Outer (2nd) | |
| 179 | 91474297 | 5 | Disc, Inner (2nd) | |

## FIGURE 5-119. POWERSHIFT TRANSMISSION, OUTPUT SHAFT

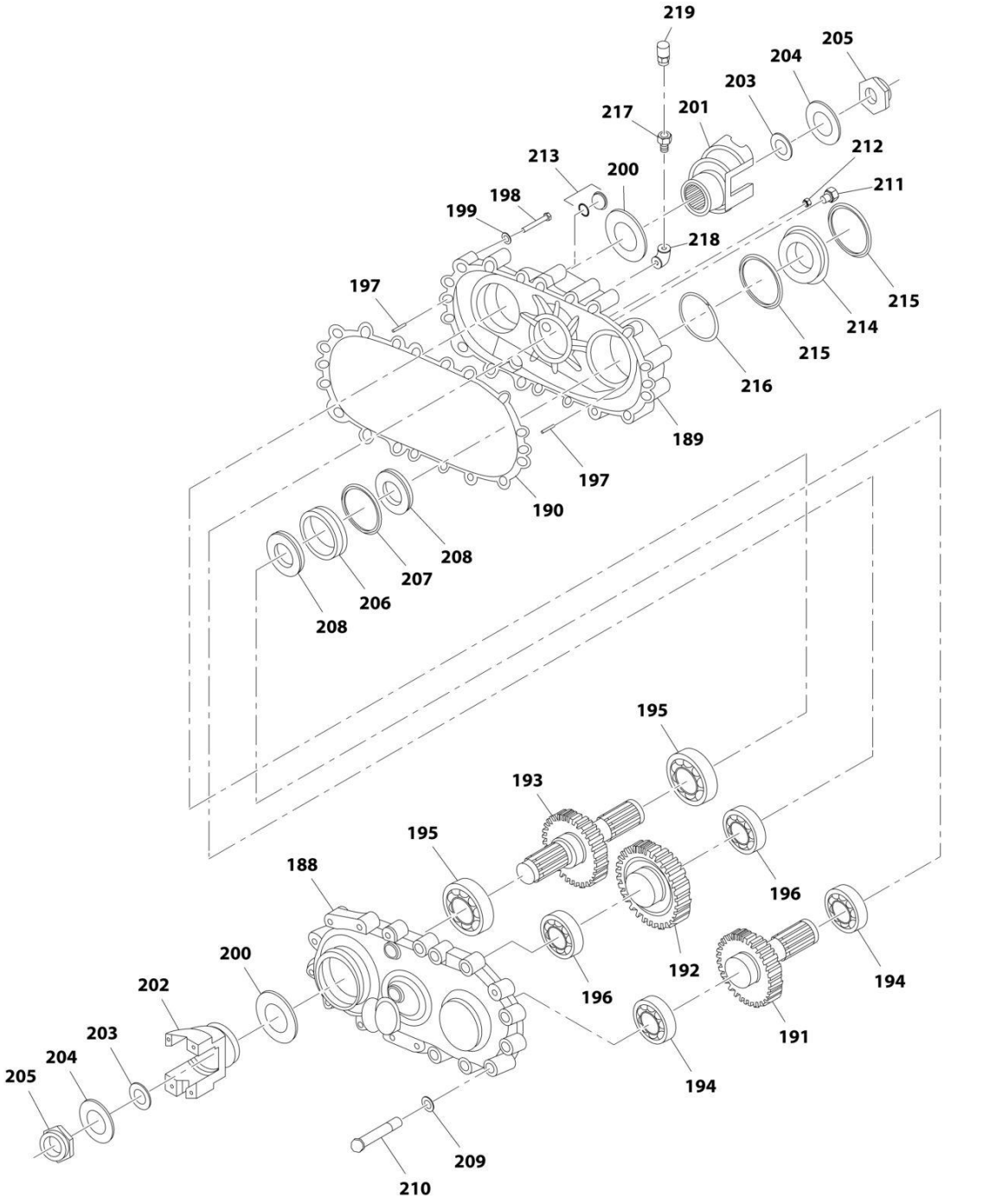



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## FIGURE 5-119. POWERSHIFT TRANSMISSION, OUTPUT SHAFT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 180 | 91474320 | 1 | Shaft, Output | |
| 181 | 77104140 | 1 | Bearing, Ball | |
| 182 | 77104081 | 1 | Bearing | |
| 183 | 91474321 | 2 | Ring, Snap | |
| 184 | 91474322 | 1 | Ring, Snap | |
| 185 | 91474323 | 1 | Plug, End | |
| 186 | 91474324 | 1 | Coupling, Drive | |
| 187 | 91474313 | 2 | Ring, Snap | |

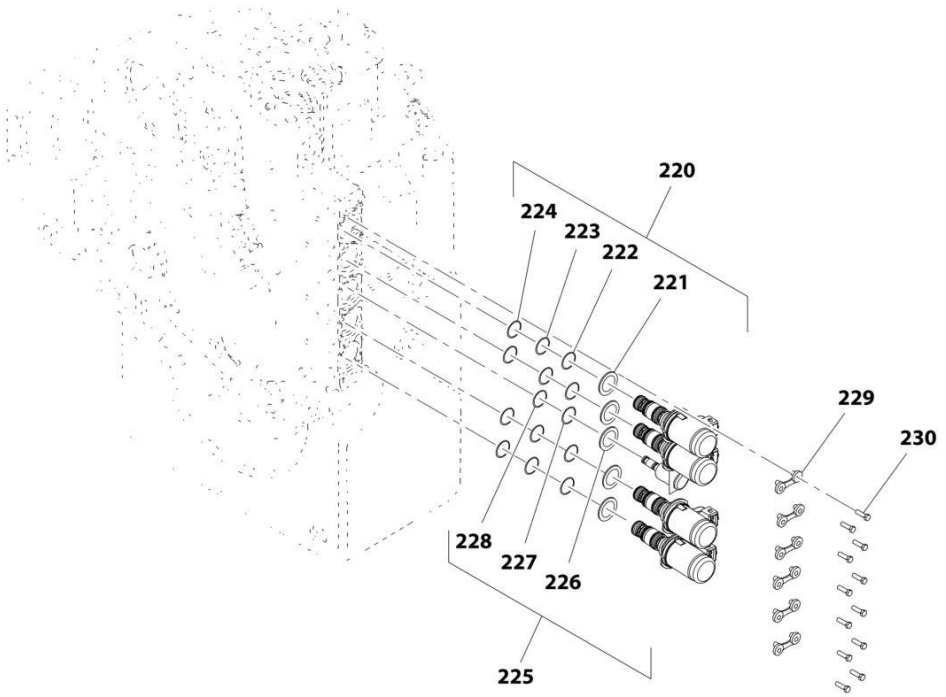
## FIGURE 5-120. POWERSHIFT TRANSMISSION, DROP BOX



## FIGURE 5-120. POWERSHIFT TRANSMISSION, DROP BOX

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 188 | 91474358 | 1 | Cover, Front Dropbox | |
| 189 | 91474359 | 1 | Cover, Rear Dropbox | |
| 190 | 91474360 | 1 | Gasket, Drop Box | |
| 191 | 91474361 | 1 | Shaft, Input Dropbox | |
| 192 | 91474362 | 1 | Gear, Idler | |
| 193 | 91474363 | 1 | Shaft, Input Dropbox | |
| 194 | 91474364 | 2 | Bearing | |
| 195 | 91474365 | 2 | Bearing, Rear | |
| 196 | 91474366 | 2 | Bearing, Roller | |
| 197 | 91474200 | 2 | Pin | |
| 198 | 91474209 | 10 | Screw | |
| 199 | 91474265 | 10 | Lockwasher | |
| 200 | 91474367 | 2 | Seal, Oil | |
| 201 | 91474368 | 1 | Flange, Rear | |
| 202 | 7028086 | 1 | Flange, Front | |
| 203 | 91474369 | 2 | O-Ring | |
| 204 | 91474370 | 2 | Washer | |
| 205 | 91474371 | 1 | Nut, Idler Shaft | |
| 206 | 91474372 | 1 | Sleeve, Oil Seal | |
| 207 | 91474373 | 1 | O-Ring | |
| 208 | 91474374 | 2 | Oil Seal | |
| 209 | 91474375 | 1 | Lockwasher | |
| 210 | 91474376 | 1 | Screw | |
| 211 | 91474377 | 1 | Glass, Oil Level | |
| 212 | 91474378 | 1 | Plug, Magnetic | |
| 213 | 91474623 | 1 | Plug | |
| 214 | 91474381 | 1 | Sleeve, Pilot | |
| 215 | 91474382 | 2 | O-Ring | |
| 216 | 91474321 | 1 | Ring, Snap | |
| 217 | 91474600 | 1 | Adapter | |
| 218 | 91474383 | 1 | Fitting | |
| 219 | 91474601 | 1 | Breather | |

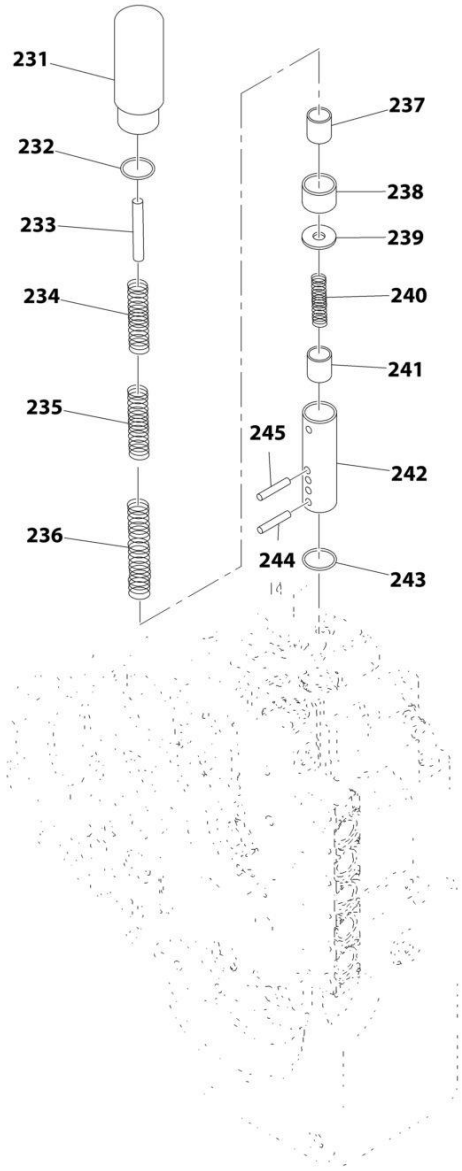
## FIGURE 5-121. POWERSHIFT TRANSMISSION, CONTROL



## FIGURE 5-121. POWERSHIFT TRANSMISSION, CONTROL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 220 | 70025576 | 4 | Solenoid | |
| 221 | 91514288 | 4 | O-Ring | |
| 222 | 91514289 | 4 | O-Ring | |
| 223 | 91514290 | 4 | O-Ring | |
| 224 | 91514291 | 4 | O-Ring | |
| 225 | 70299459 | 1 | Plug | |
| 226 | 70020410 | 1 | O-Ring | |
| 227 | 91514289 | 1 | O-Ring | |
| 228 | 91514291 | 1 | O-Ring | |
| 229 | 91514292 | 6 | Clamp | |
| 230 | 70020411 | 12 | Screw | |

## FIGURE 5-122. POWERSHIFT TRANSMISSION, MODULATION VALVE

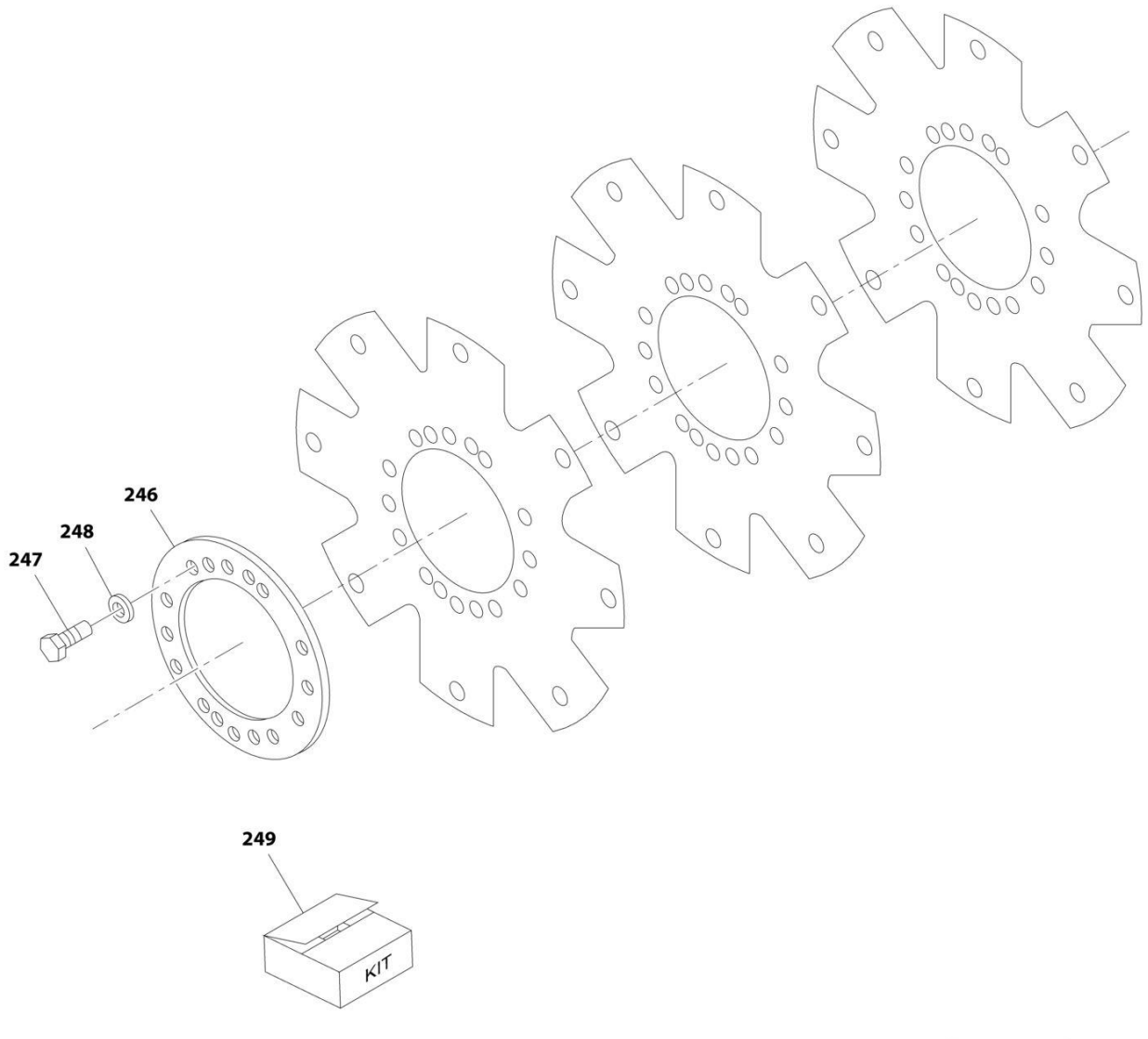



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## FIGURE 5-122. POWERSHIFT TRANSMISSION, MODULATION VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 231 | 91474338 | 1 | Housing, Modulation Valve | |
| 232 | 91474339 | 1 | O-Ring | |
| 233 | 91474345 | 1 | Pin | |
| 234 | 91474340 | 1 | Spring, Inner | |
| 235 | 91474341 | 1 | Spring, Middle | |
| 236 | 91474342 | 1 | Spring, Outer | |
| 237 | 91474346 | 1 | Spool, Accumulator | |
| 238 | 91474349 | 1 | Retainer, Spring | |
| 239 | 91474350 | 1 | Spacer | |
| 240 | 91474348 | 1 | Spring, Modulation Valve | |
| 241 | 91474347 | 1 | Spool, Regulator | |
| 242 | 91474343 | 1 | Sleeve, Modulator Valve | |
| 243 | 91474344 | 1 | O-Ring | |
| 244 | 91474352 | 1 | Pin, Lower | |
| 245 | 91474351 | 1 | Pin, Upper | |

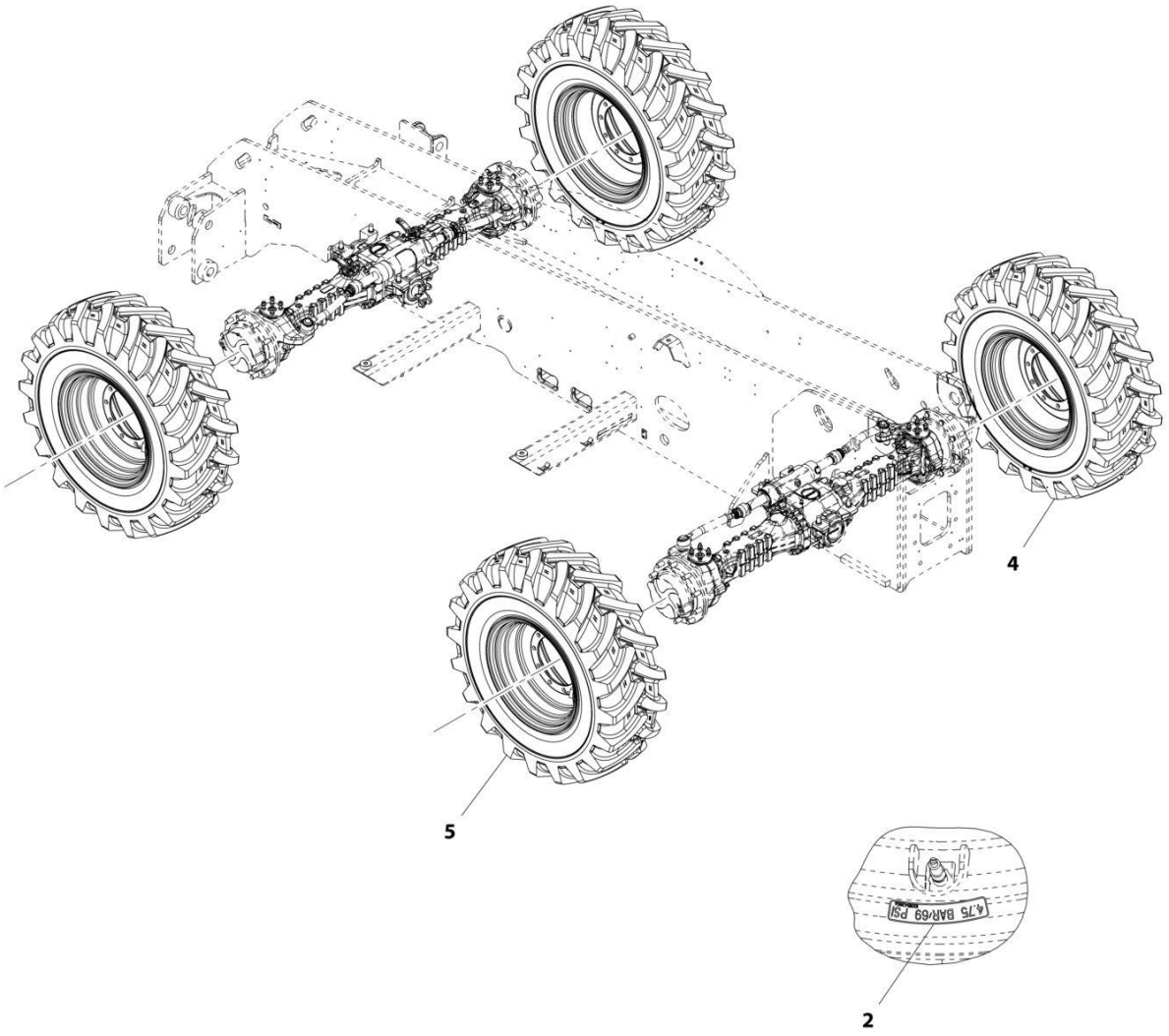
## FIGURE 5-123. POWERSHIFT TRANSMISSION, DRIVE PLATE



## FIGURE 5-123. POWERSHIFT TRANSMISSION, DRIVE PLATE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 246 | 77104044 | 1 | Ring, Backing | |
| 247 | 91474356 | 6 | Capscrew | |
| 248 | 4761600 | 6 | Washer, Lock | |
| 249 | 70024222 | 1 | Kit, Drive Plate (includes items 246 thru 248) | |

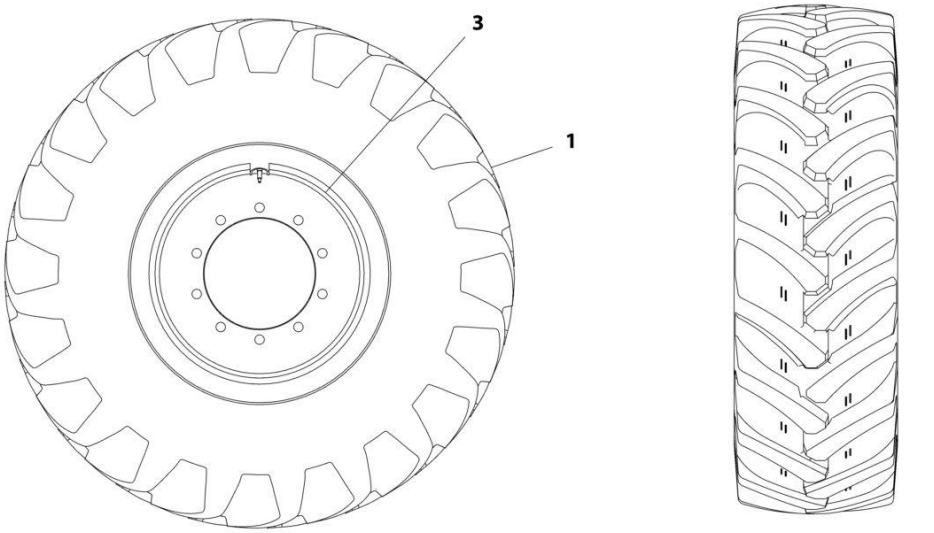
## FIGURE 5-124. TIRE WHEEL SET, MITAS 15.5/80-24 - 3614RS



## FIGURE 5-124. TIRE WHEEL SET, MITAS 15.5/80-24 - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145606 | Ref | Tire Wheel Set, Mitas 15.5/80-24 - 3614RS | F |
| 2 | 1001154265 | 4 | Label, 4.75 BAR | |
| 4 | 1001145581 | 2 | Wheel, RH (See RH MITAS WHEEL - 3614RS for Breakdown) **(SN 1160007024 through 1160008000)** | |
| 4 | 1001217139 | 2 | Wheel, RH (See RH MITAS WHEEL - 3614RS for Breakdown) **(SN 1160008000 through 1160008790)** | |
| 5 | 1001145582 | 2 | Wheel, LH (See LH MITAS WHEEL - 3614RS for Breakdown) **(SN 1160007024 through 1160008000)** | |
| 5 | 1001217141 | 2 | Wheel, LH (See LH MITAS WHEEL - 3614RS for Breakdown) **(SN 1160008000 through 1160008790)** | |

**FIGURE 5-125. RH MITAS WHEEL - 3614RS (SN 1160007024 through 1160008000)**

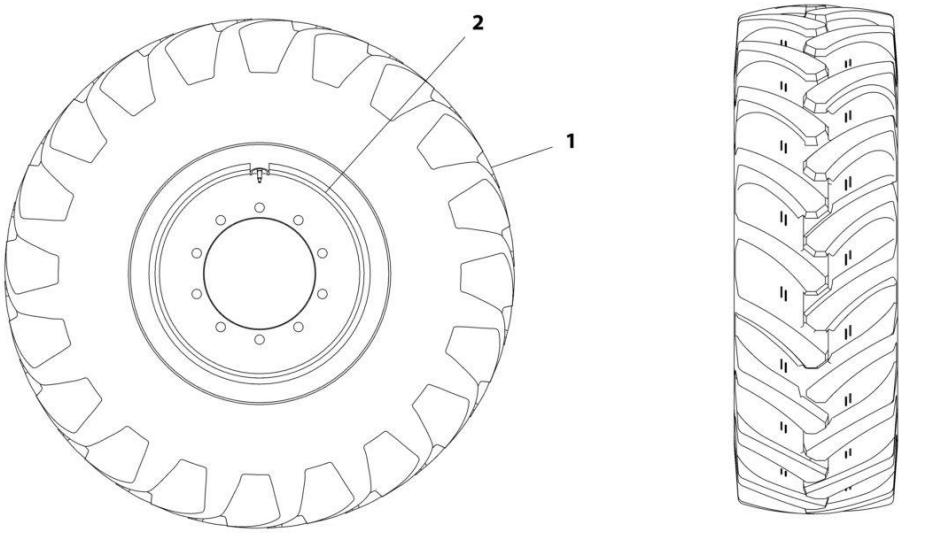



ART_1001145581-D

## FIGURE 5-125. RH MITAS WHEEL - 3614RS (SN 1160007024 through 1160008000)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145581 | Ref | Wheel, RH | D |
| 1 | 1001007846 | 1 | Tire, Mitas 15.5/80-24 16 ply | |
| 3 | 1001212636 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

**FIGURE 5-126. RH MITAS WHEEL - 3614RS (SN 1160008000 through 1160008790)**

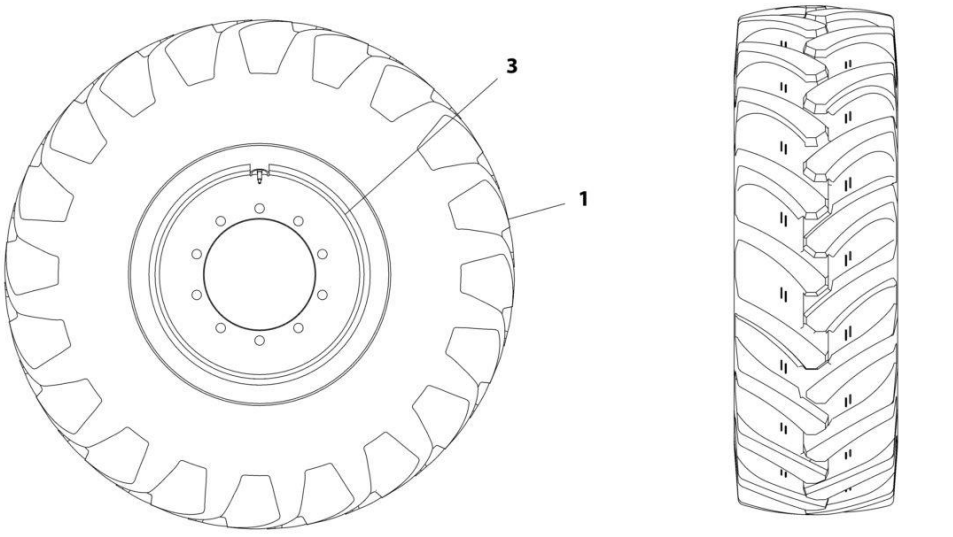



ART_1001217139-A

## FIGURE 5-126. RH MITAS WHEEL - 3614RS (SN 1160008000 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217139 | Ref | Wheel, RH | A |
| 1 | 1001214479 | 1 | Tire, Mitas 15.5/80-24 16 ply | |
| 2 | 1001217143 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

**FIGURE 5-127. LH MITAS WHEEL - 3614RS (SN 1160007024 through 1160008000)**

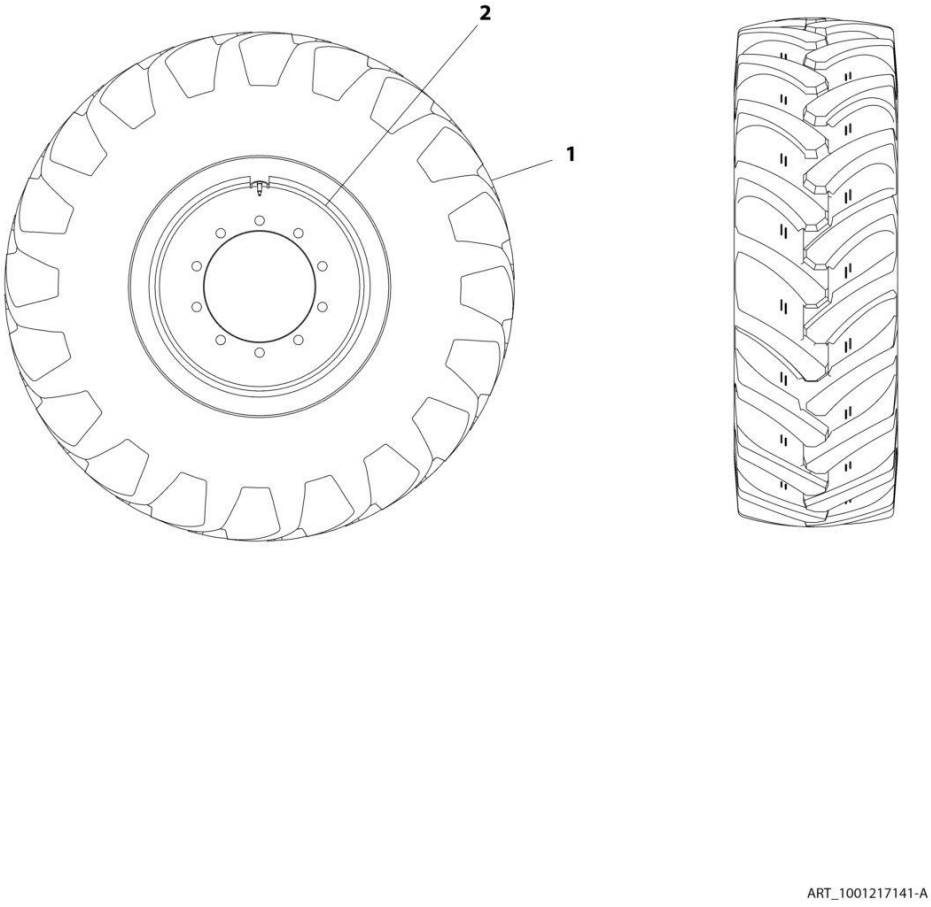



ART_1001145582-D

## FIGURE 5-127. LH MITAS WHEEL - 3614RS (SN 1160007024 through 1160008000)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145582 | Ref | Wheel, LH | D |
| 1 | 1001007846 | 1 | Tire, Mitas 15.5/80-24 16 ply | |
| 3 | 1001212637 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

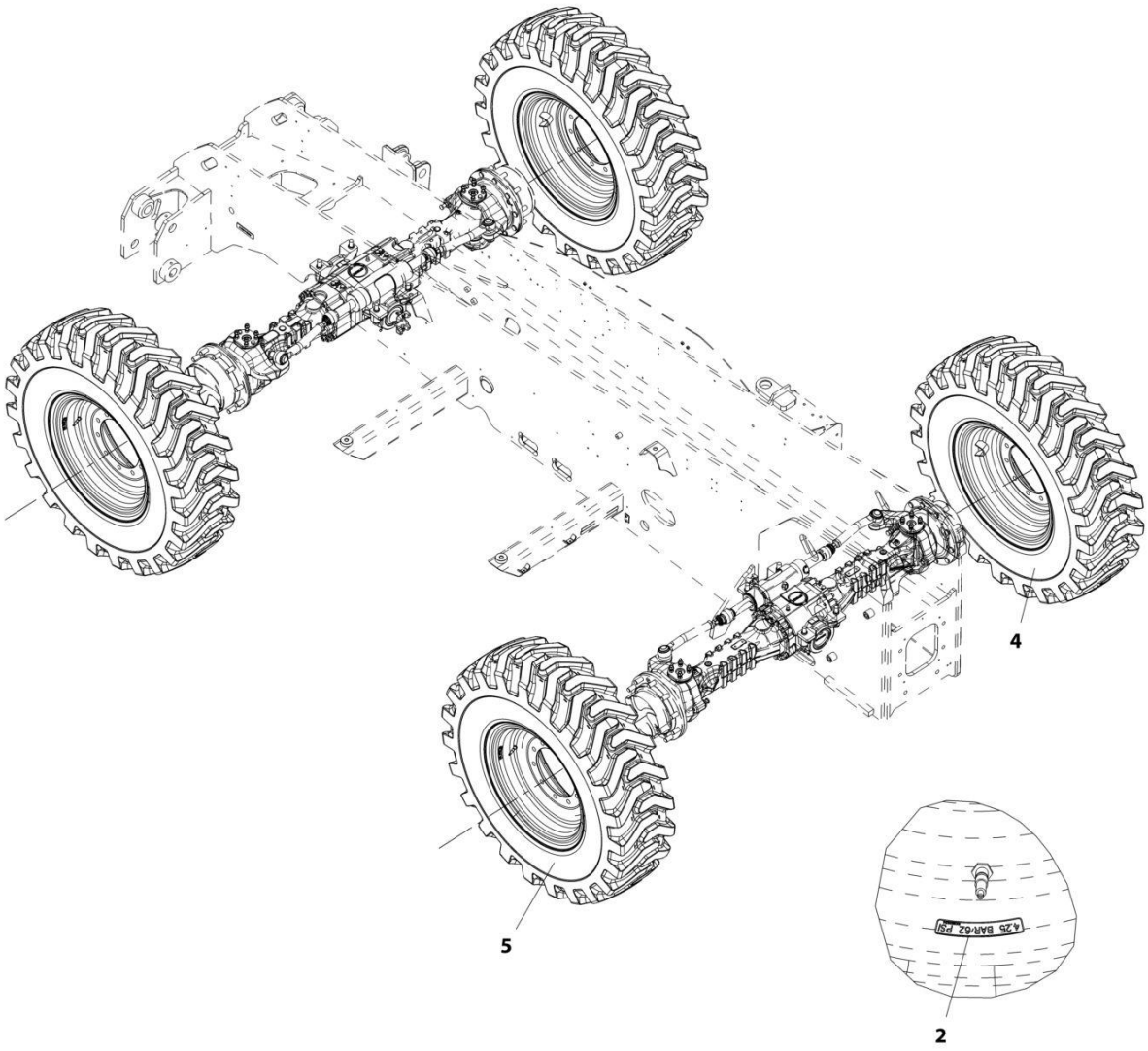
**FIGURE 5-128. LH MITAS WHEEL - 3614RS (SN 1160008000 through 1160008790)**



## FIGURE 5-128. LH MITAS WHEEL - 3614RS (SN 1160008000 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001217141 | Ref | Wheel, LH | A |
| 1 | 1001214479 | 1 | Tire, Mitas 15.5/80-24 16 Ply | |
| 2 | 1001217145 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

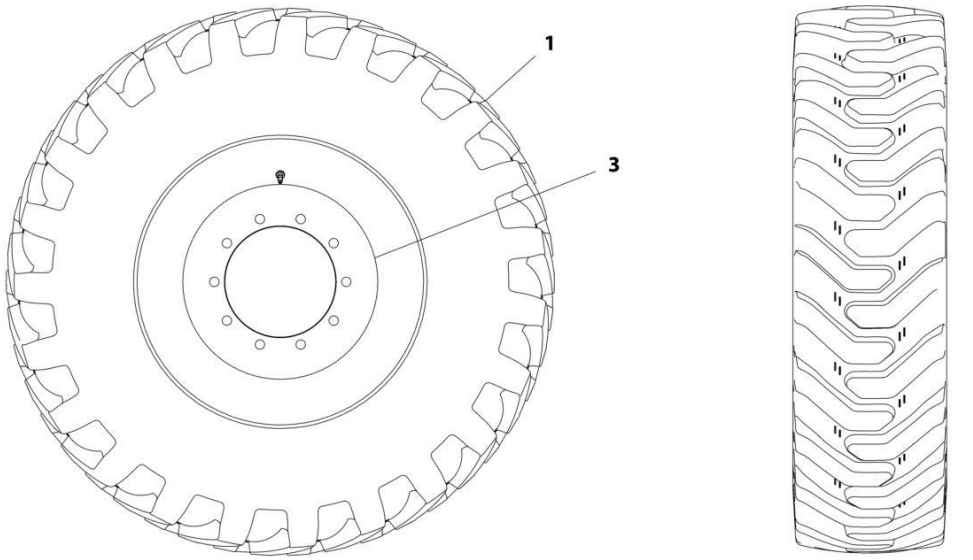
## FIGURE 5-129. TIRE WHEEL SET, MITAS 14.00-24 - 4017RS



## FIGURE 5-129. TIRE WHEEL SET, MITAS 14.00-24 - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145610 | Ref | Tire Wheel Set, Mitas 14.00-24 - 4017RS | D |
| 2 | 1001112924 | 4 | Label, 4.25 Bar | |
| 4 | 1001145588 | 2 | Wheel, RH (See RH MITAS WHEEL - 4017RS for Breakdown) | |
| 5 | 1001145589 | 2 | Wheel, LH (See LH MITAS WHEEL - 4017RS for Breakdown) | |

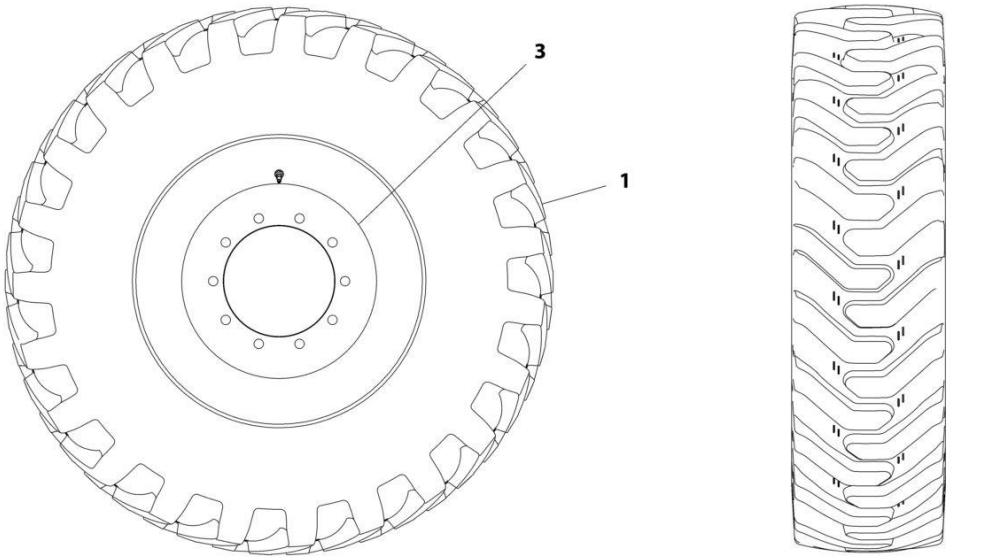
**FIGURE 5-130. RH MITAS WHEEL - 4017RS**



## FIGURE 5-130. RH MITAS WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145588 | Ref | Wheel, RH Mitas | C |
| 1 | 1001006814 | 1 | Tire, Mitas 14.00-24 16PLY | |
| 3 | 1001212643 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

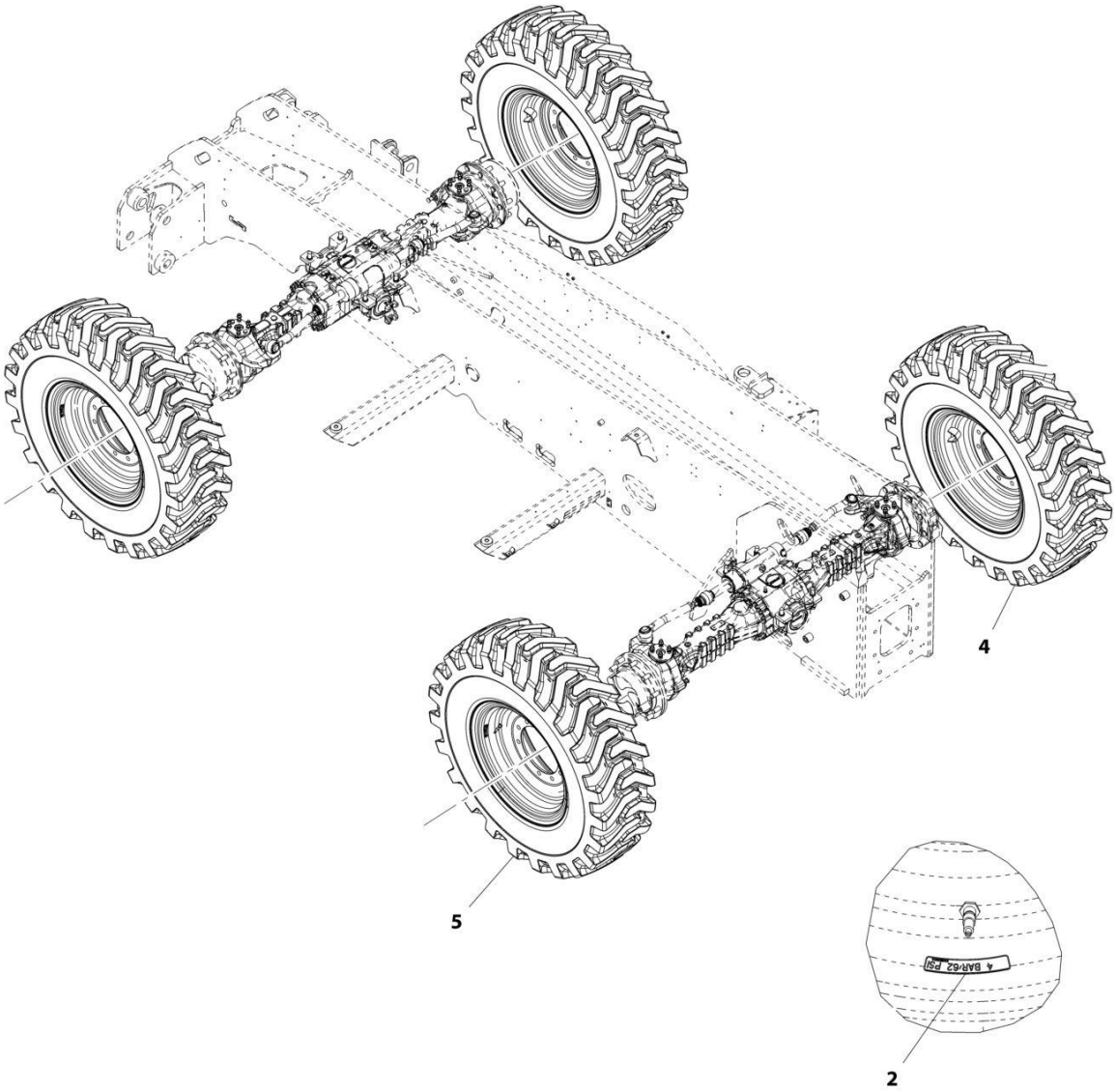
**FIGURE 5-131. LH MITAS WHEEL - 4017RS**



## FIGURE 5-131. LH MITAS WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145589 | Ref | Wheel, LH Mitas - 4017RS | C |
| 1 | 1001006814 | 1 | Tire, Mitas 14.00-24 16PLY | |
| 3 | 1001212644 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

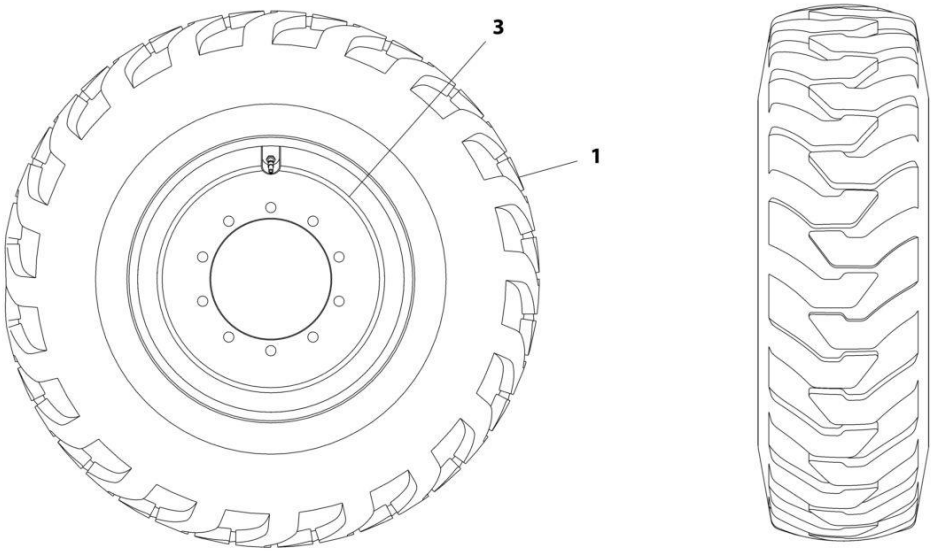
## FIGURE 5-132. TIRE WHEEL SET, GOODYEAR 15.5-25 SGL - 3614RS



## FIGURE 5-132. TIRE WHEEL SET, GOODYEAR 15.5-25 SGL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145608 | Ref | Tire Wheel Set, Goodyear 15.5-25 SGL - 3614RS | D |
| 2 | 1001112924 | 4 | Label - 4.0 BAR | |
| 4 | 1001145585 | 2 | Wheel, RH Goodyear (See RH GOODYEAR WHEEL - 3614RS for Breakdown) | |
| 5 | 1001145586 | 2 | Wheel, LH Goodyear (See LH GOODYEAR WHEEL - 3614RS for Breakdown) | |

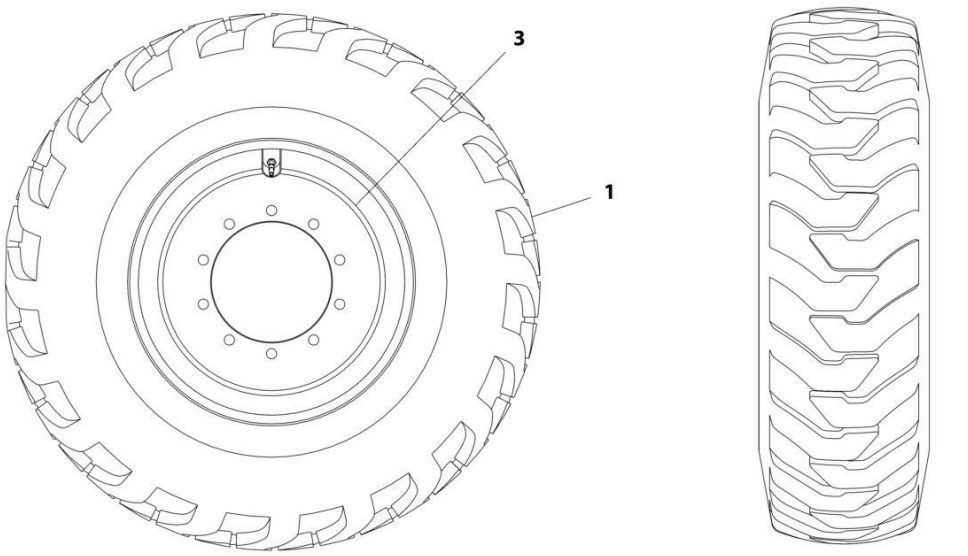
**FIGURE 5-133. RH GOODYEAR WHEEL - 3614RS**



## FIGURE 5-133. RH GOODYEAR WHEEL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145585 | Ref | Goodyear Wheel, RH - 3614RS | C |
| 1 | 1001003360 | 1 | Tire, Goodyear 15.5x25 12 PLY BIAS L2 | |
| 3 | 1001212640 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

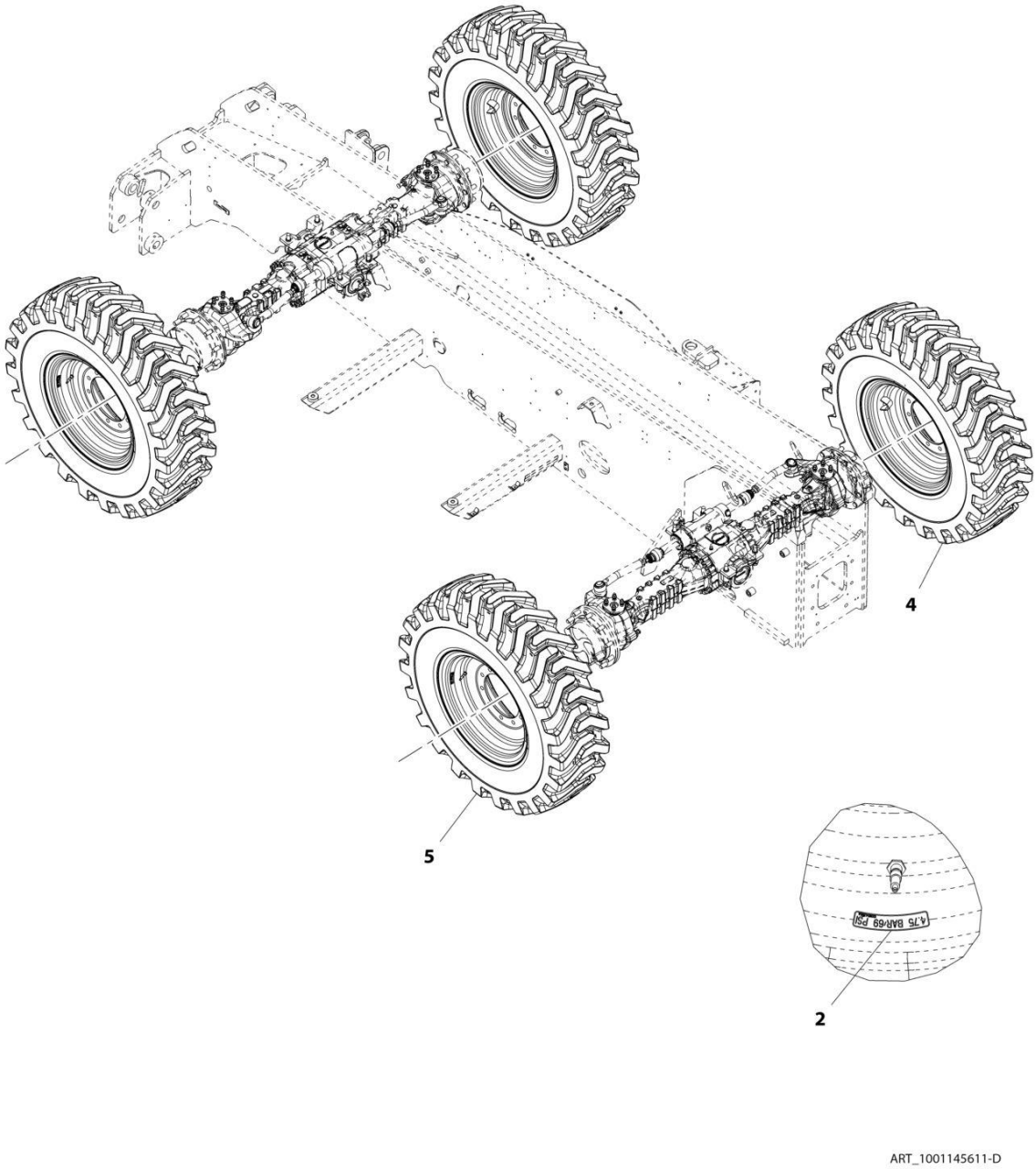
## FIGURE 5-134. LH GOODYEAR WHEEL - 3614RS



## FIGURE 5-134. LH GOODYEAR WHEEL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145586 | Ref | Goodyear Wheel, LH - 3614RS | C |
| 1 | 1001003360 | 1 | Tire, Goodyear 15.5x25 12 PLY BIAS L2 | |
| 3 | 1001212641 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

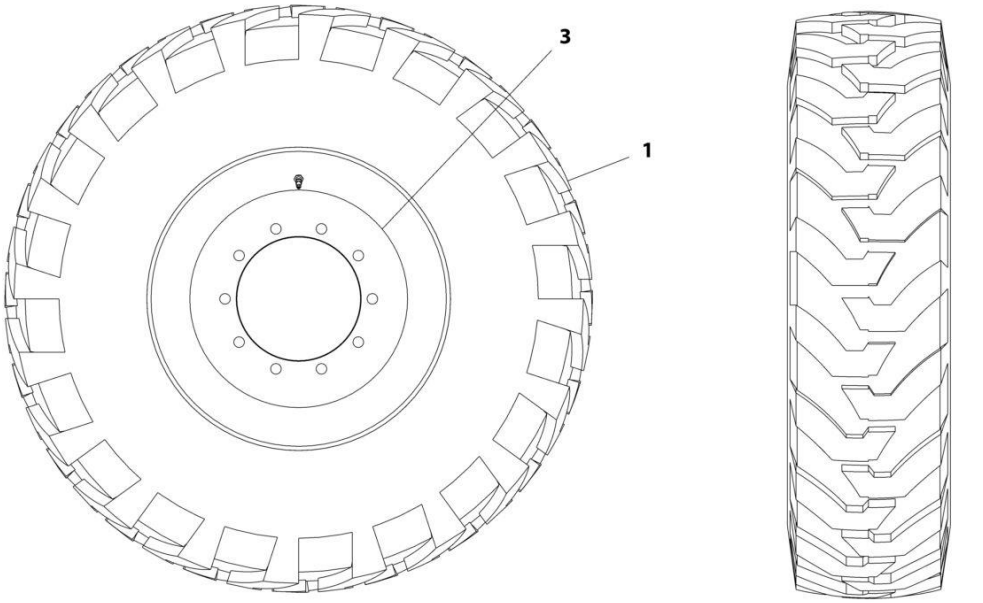
## FIGURE 5-135. TIRE WHEEL SET, GOODYEAR 14.00-24 - 4017RS



## FIGURE 5-135. TIRE WHEEL SET, GOODYEAR 14.00-24 - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145611 | Ref | Tire Wheel Set, Goodyear - 4017RS | D |
| 2 | 1001154265 | 1 | Label, 4.75 BAR | |
| 4 | 1001145590 | 2 | Wheel, RH Goodyear - 4017RS (See RH GOODYEAR WHEEL - 4017RS for Breakdown) | |
| 5 | 1001145591 | 2 | Wheel, LH Goodyear - 4017RS (See LH GOODYEAR WHEEL - 4017RS for Breakdown) | |

**FIGURE 5-136. RH GOODYEAR WHEEL - 4017RS**

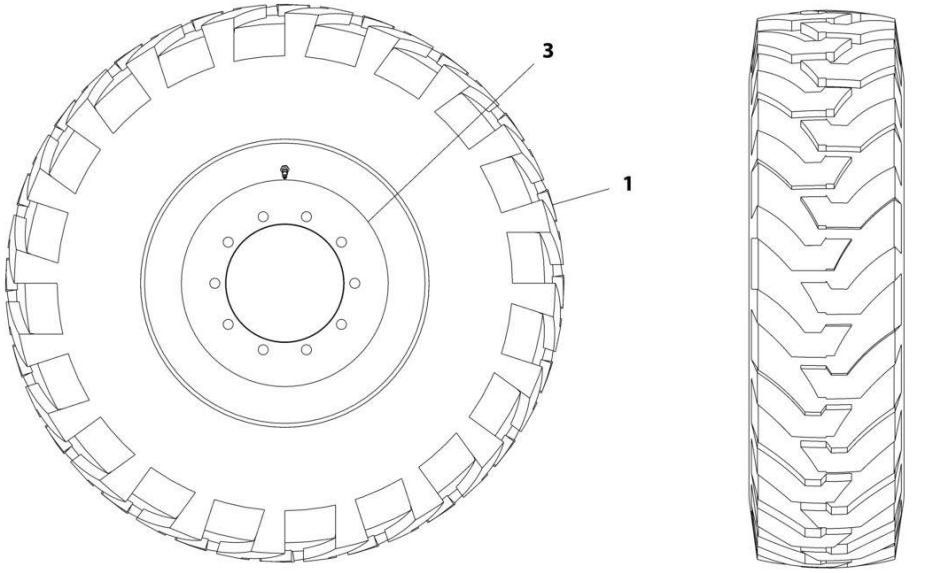



ART_1001145590-C

## FIGURE 5-136. RH GOODYEAR WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145590 | Ref | RH Goodyear Wheel - 4017RS | C |
| 1 | 1001003334 | 1 | Tire, Goodyear 14.00-24 16PR | |
| 3 | 1001212645 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

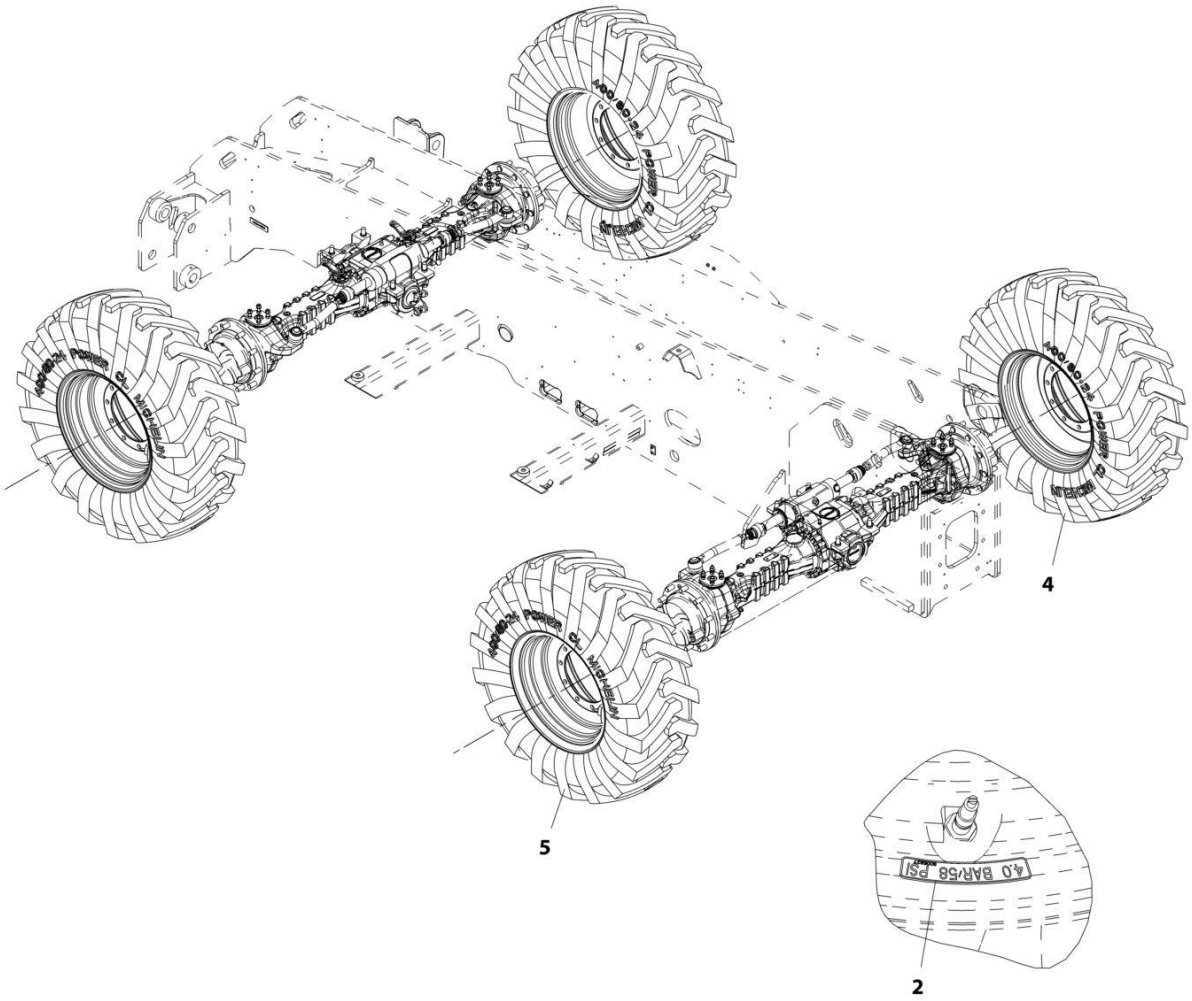
## FIGURE 5-137. LH GOODYEAR WHEEL - 4017RS



## FIGURE 5-137. LH GOODYEAR WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145591 | Ref | LH Goodyear Wheel - 4017RS | C |
| 1 | 1001003334 | 1 | Tire, Goodyear 14.00-24 16PR | |
| 3 | 1001212646 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

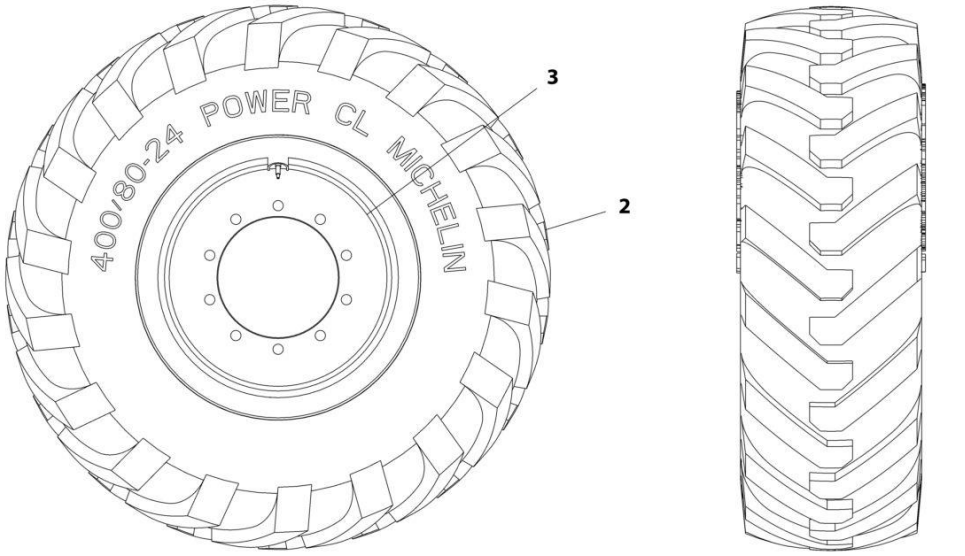
## FIGURE 5-138. TIRE WHEEL SET, MICHELIN 400/80-24 POWER CL - 3614RS



## FIGURE 5-138. TIRE WHEEL SET, MICHELIN 400/80-24 POWER CL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145607 | Ref | Tire Wheel Set, Michelin - 3614RS | D |
| 2 | 8005827 | 1 | Label, 4.0 BAR | |
| 4 | 1001145583 | 2 | Wheel, RH (See RH MICHELIN WHEEL - 3614RS for Breakdown) | |
| 5 | 1001145584 | 2 | Wheel, LH (See LH MICHELIN WHEEL - 3614RS for Breakdown) | |

**FIGURE 5-139. RH MICHELIN WHEEL - 3614RS**

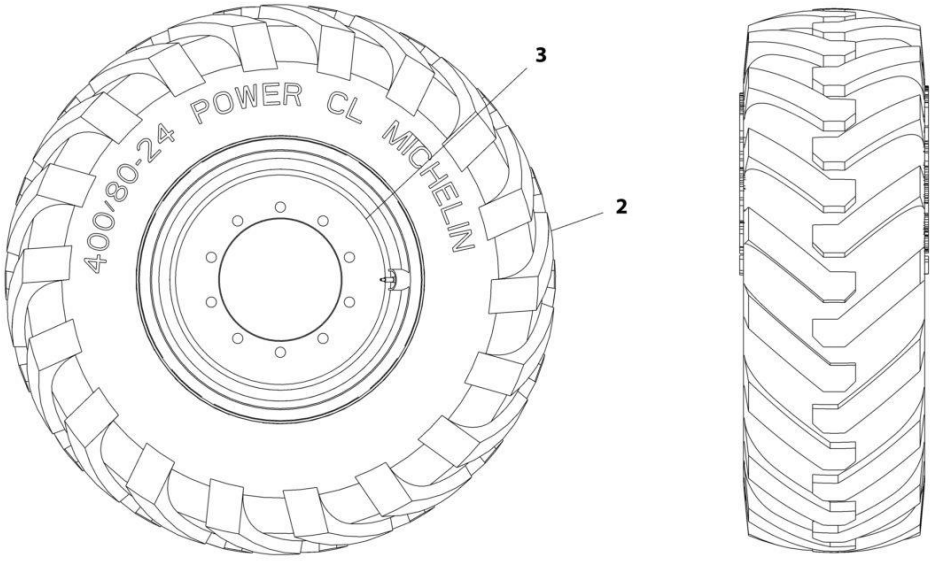



ART_1001145583-D

## FIGURE 5-139. RH MICHELIN WHEEL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145583 | Ref | Michelin Wheel, RH - 3614RS | D |
| 2 | 1001099204 | 1 | Tire, Michelin 400/80 - 24 POWER CL | |
| 3 | 1001212638 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

**FIGURE 5-140. LH MICHELIN WHEEL - 3614RS**

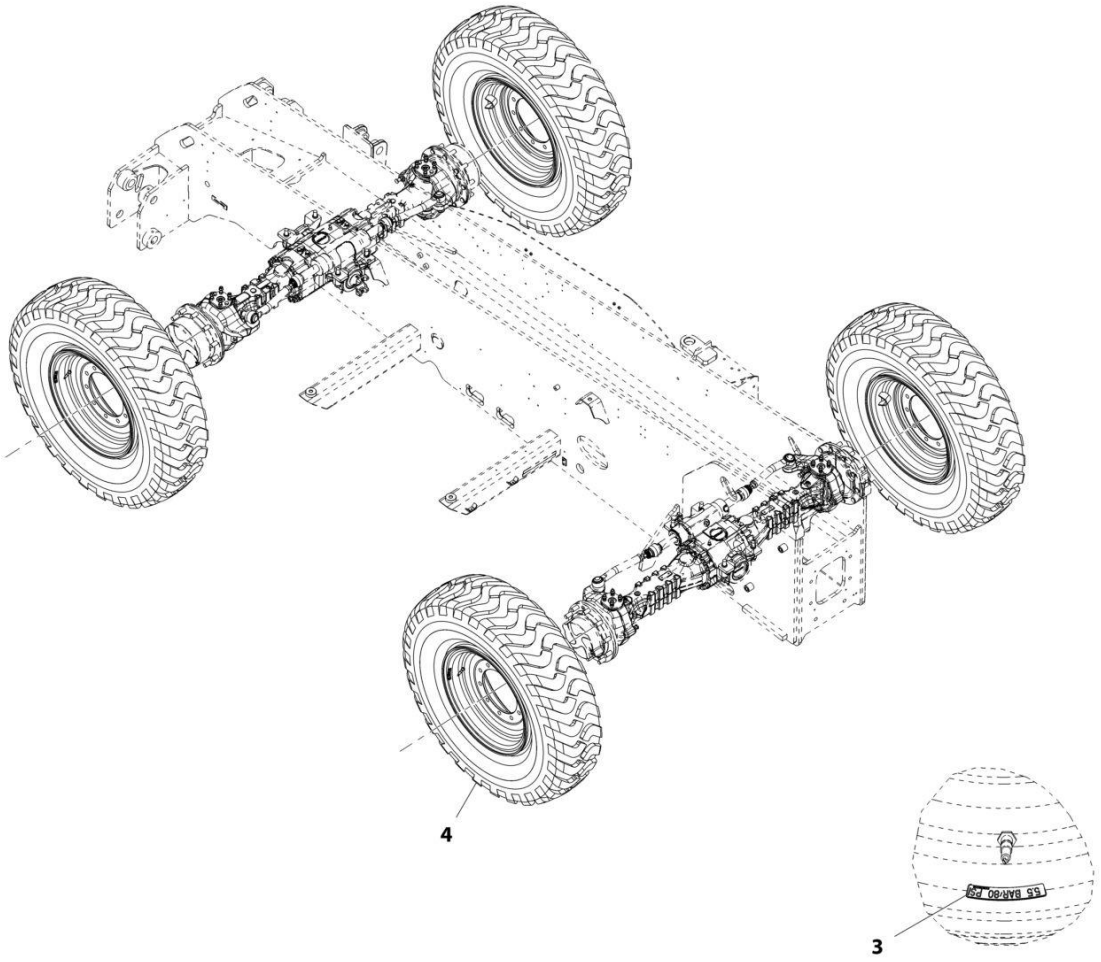



ART_1001145584-D

## FIGURE 5-140. LH MICHELIN WHEEL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145584 | Ref | Michelin Wheel, LH - 3614RS | D |
| 2 | 1001099204 | 1 | Tire, Michelin 400/80 - 24 POWER CL | |
| 3 | 1001212639 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

## FIGURE 5-141. TIRE WHEEL SET, MICHELIN - 4017RS

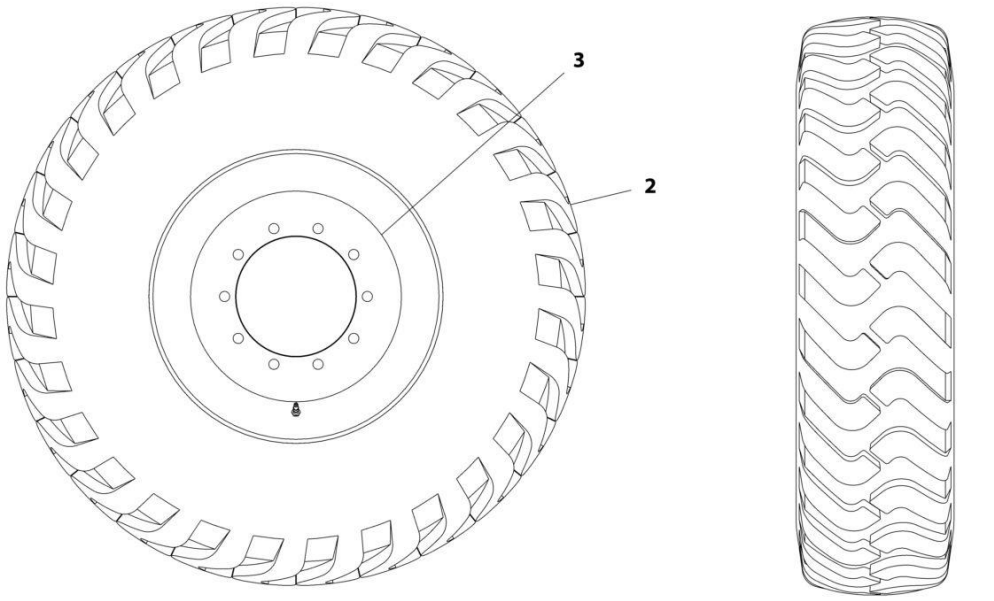



ART_1001169888-B

## FIGURE 5-141. TIRE WHEEL SET, MICHELIN - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001169888 | Ref | Tire Wheel Set, Michelin - 4017RS | B |
| 3 | 1001128006 | 4 | Label, 5.5 BAR | |
| 4 | 1001168391 | 4 | Wheel, Michelin (See MICHELIN WHEEL - 4017RS for Breakdown) | |

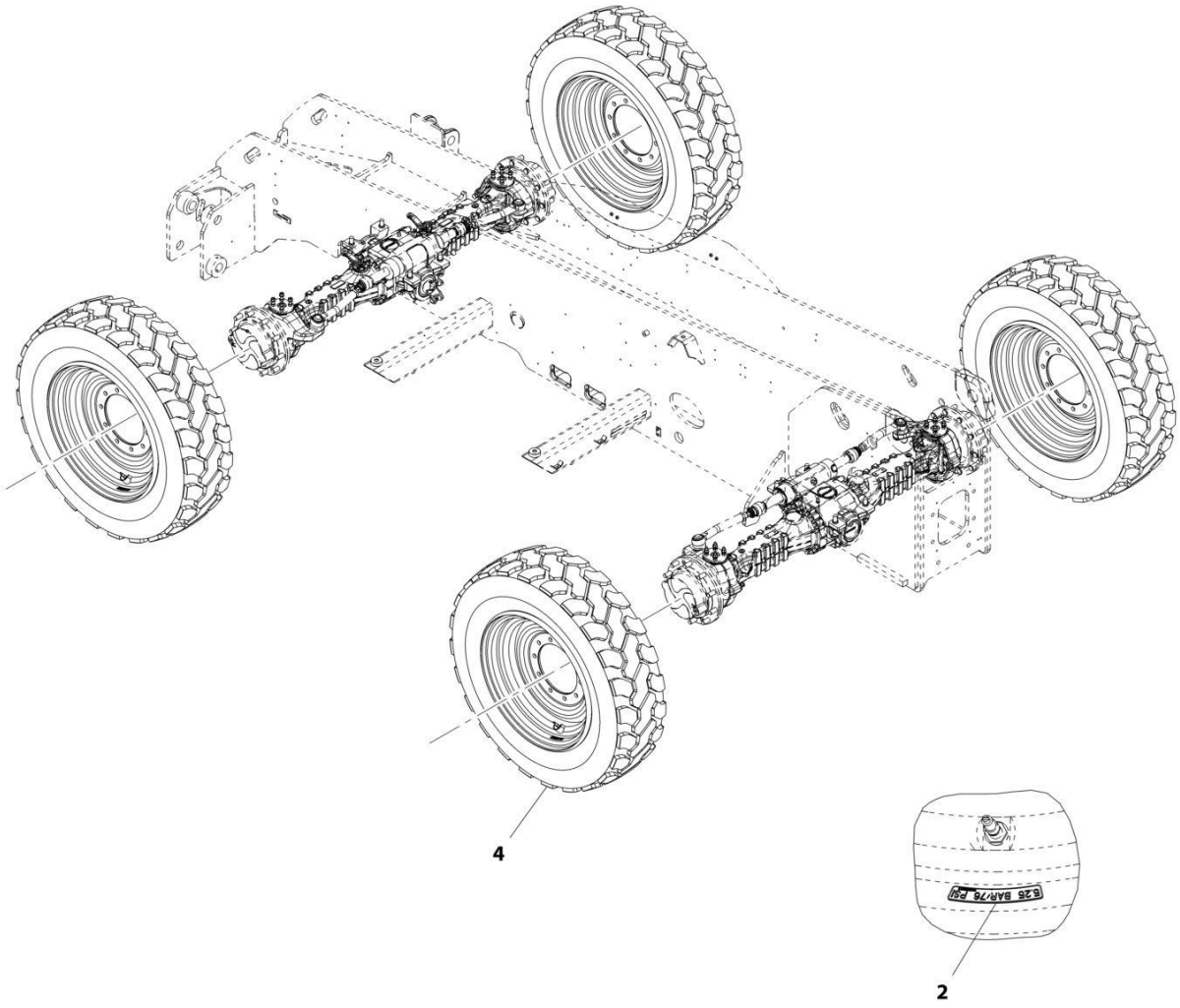
**FIGURE 5-142. MICHELIN WHEEL - 4017RS**



## FIGURE 5-142. MICHELIN WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001168391 | Ref | Michelin Wheel - 4017RS | B |
| 2 | 1001154316 | 1 | Tire, Michelin 14.00X24XGL A2 L2 TG | |
| 3 | 1001212652 | 1 | Rim Assembly, (See Separate Breakdown in this Section) | |

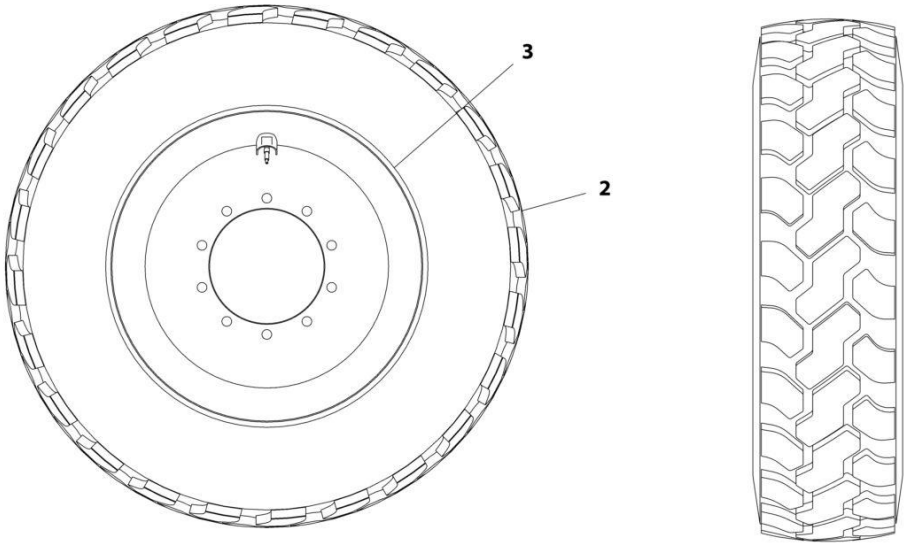
## FIGURE 5-143. TIRE WHEEL SET, FIRESTONE 370/75-28 - 3614RS



## FIGURE 5-143. TIRE WHEEL SET, FIRESTONE 370/75-28 - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145609 | Ref | Tire Wheel Set, Firestone 370/75-28 | D |
| 2 | 1001112923 | 4 | Label 5.25 Bar | |
| 4 | 1001145587 | 4 | Wheel (See FIRESTONE WHEEL, 3614RS for Breakdown) | |

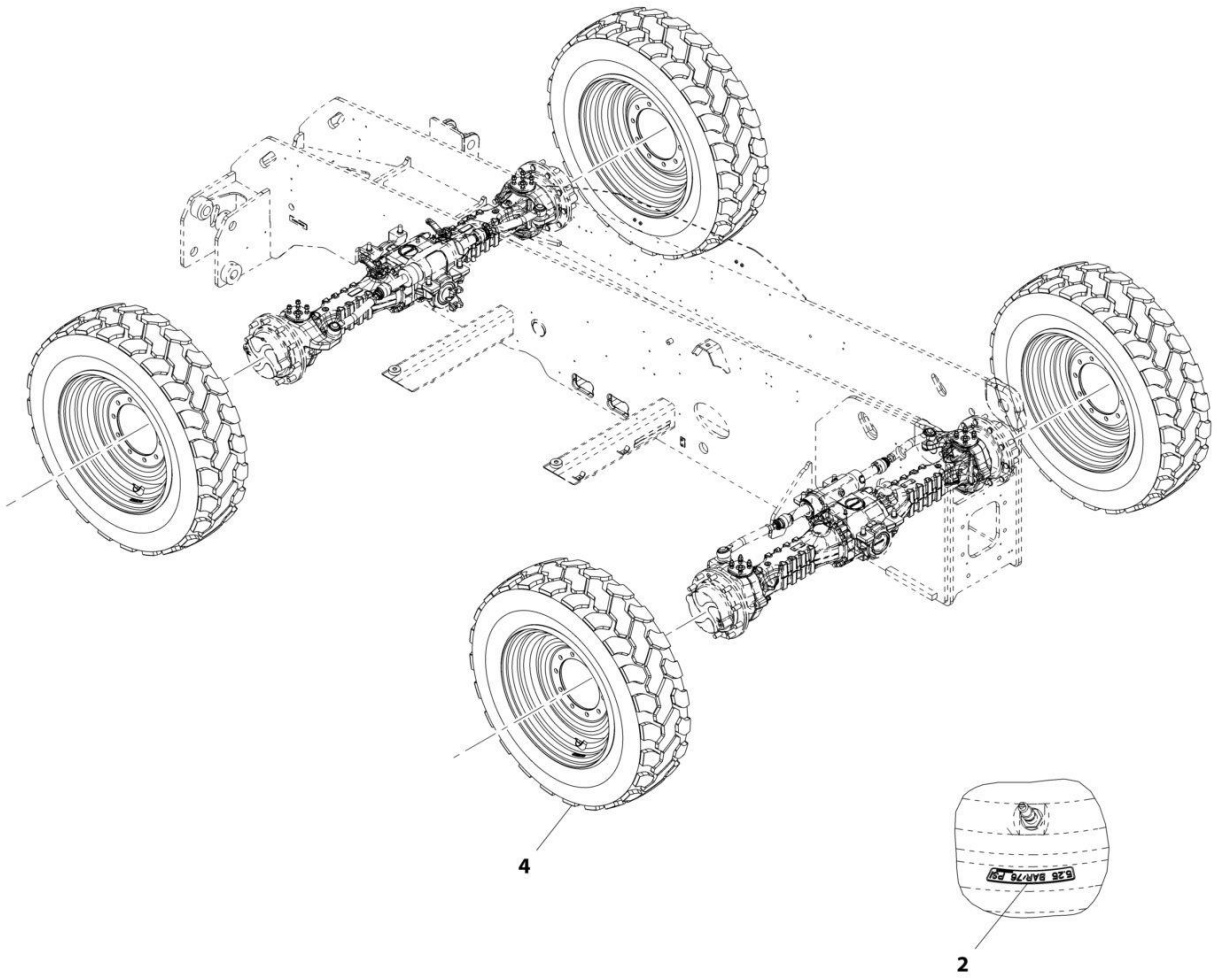
## FIGURE 5-144. FIRESTONE WHEEL - 3614RS



## FIGURE 5-144. FIRESTONE WHEEL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145587 | Ref | Wheel, Firestone - 3614RS | C |
| 2 | 1001100284 | 1 | Tire, Firestone 370/75-28 | |
| 3 | 1001212642 | 1 | Rim Assembly, (See Separate Breakdown in this Section) | |

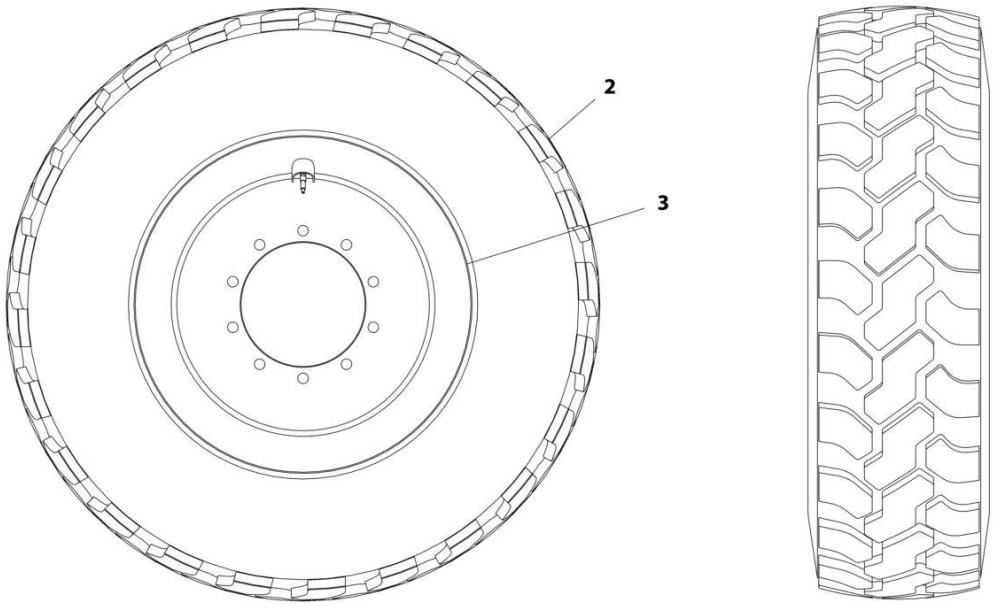
## FIGURE 5-145. TIRE WHEEL SET, FIRESTONE 400/75-28 16 PLY - 4017RS



## FIGURE 5-145. TIRE WHEEL SET, FIRESTONE 400/75-28 16 PLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145612 | Ref | Tire Wheel Set, Firestone 400/75-28 16 PLY - 4017RS | D |
| 2 | 1001112923 | 4 | Label, 5.25 Bar | |
| 4 | 1001145592 | 4 | Wheel, 4017RS (See FIRESTONE WHEEL- 4017RS for Breakdown) | |

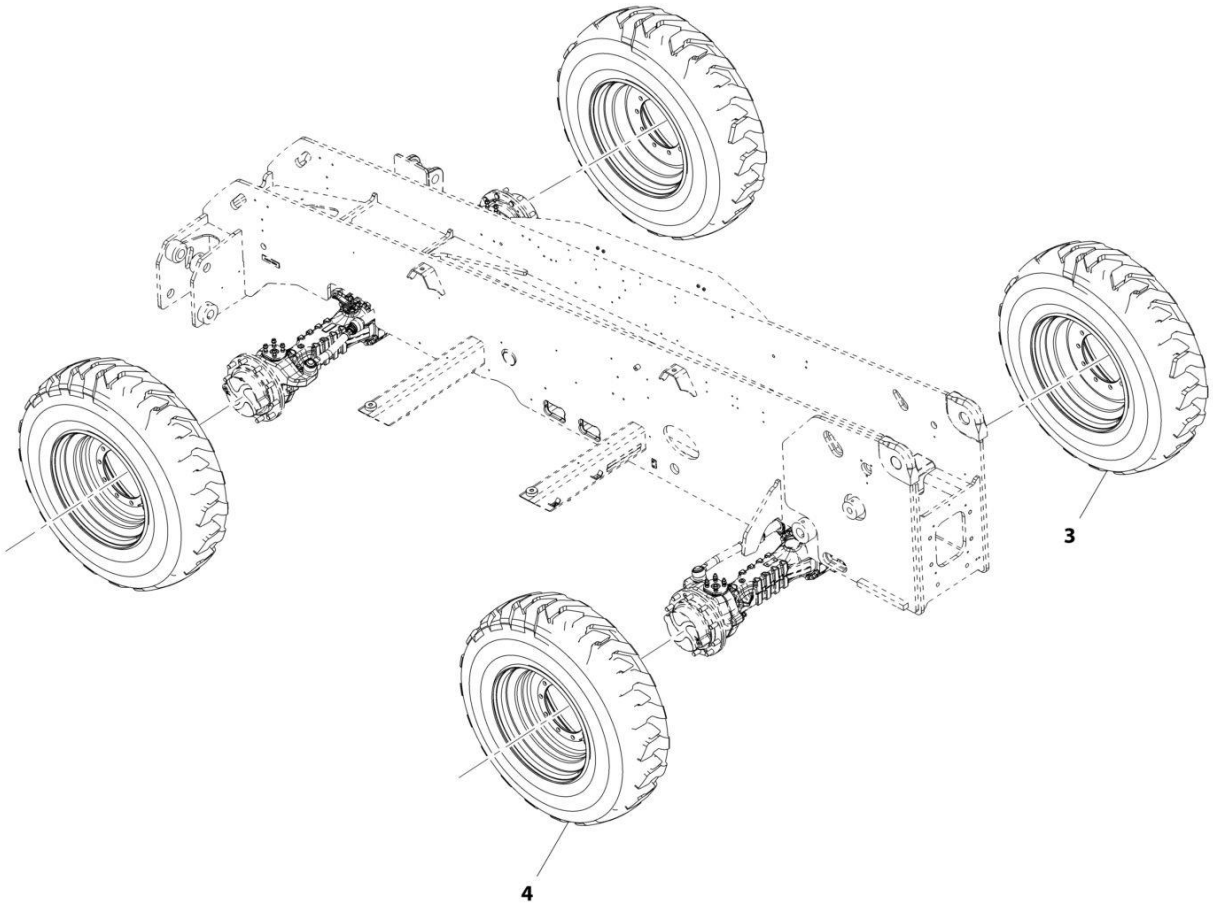
## FIGURE 5-146. FIRESTONE WHEEL - 4017RS



## FIGURE 5-146. FIRESTONE WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145592 | Ref | Wheel, Firestone - 4017RS | C |
| 2 | 1001120179 | 1 | Tire, Firestone 400/75D-28 | |
| 3 | 1001212647 | 1 | Rim Assembly, (See Separate Breakdown in this Section) | |

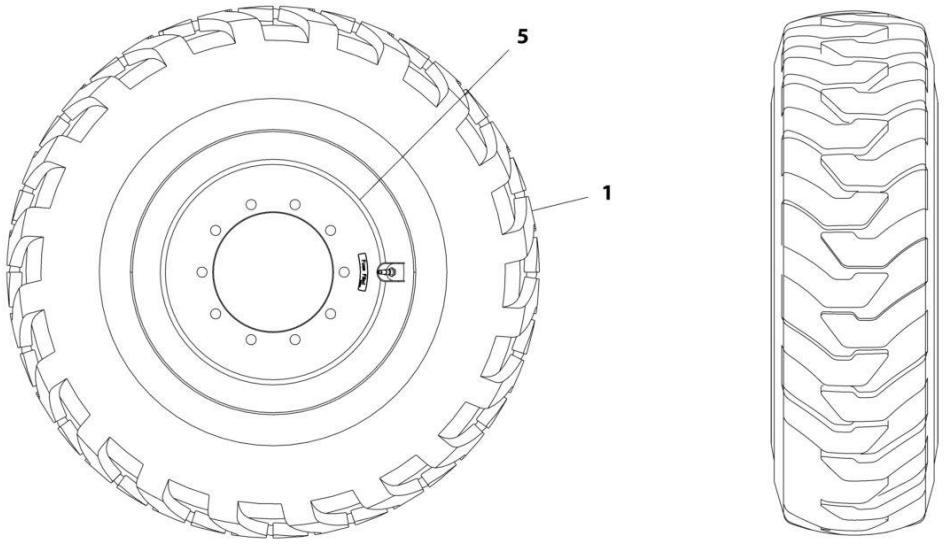
## FIGURE 5-147. FOAM FILLED WHEEL SET - 3614RS



## FIGURE 5-147. FOAM FILLED WHEEL SET - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151868 | Ref | Foam Filled Wheel Set - 3614RS | B |
| 3 | 1001149356 | 2 | Wheel, Foam RH (See RH FOAM WHEEL - 3614RS for Breakdown) | |
| 4 | 1001149357 | 2 | Wheel, Foam LH (See LH FOAM WHEEL - 3614RS for Breakdown) | |

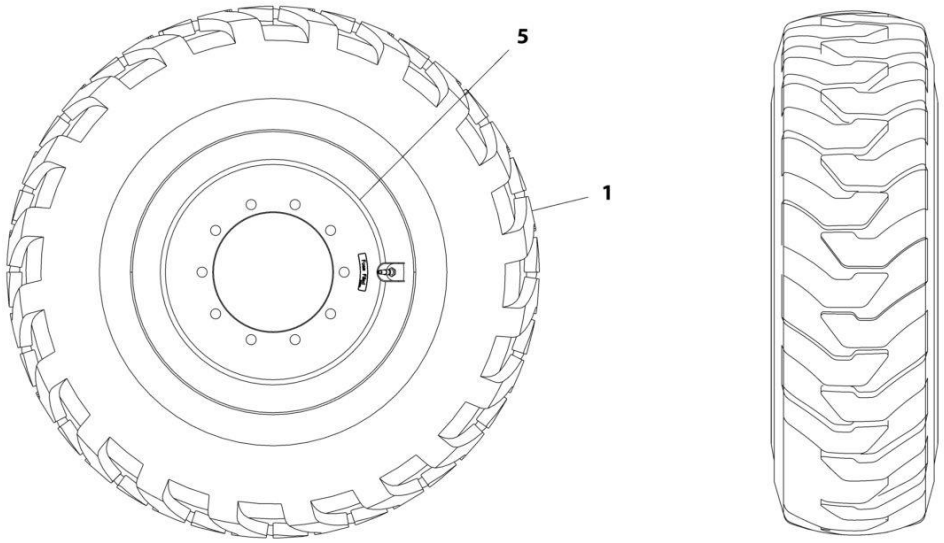
**FIGURE 5-148. RH FOAM WHEEL - 3614RS**



## FIGURE 5-148. RH FOAM WHEEL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149356 | Ref | Foam Wheel, RH | B |
| 1 | 1001003360 | 1 | Tire, 15.5X25 12 PLY BIAS L2 | |
| 5 | 1001212648 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

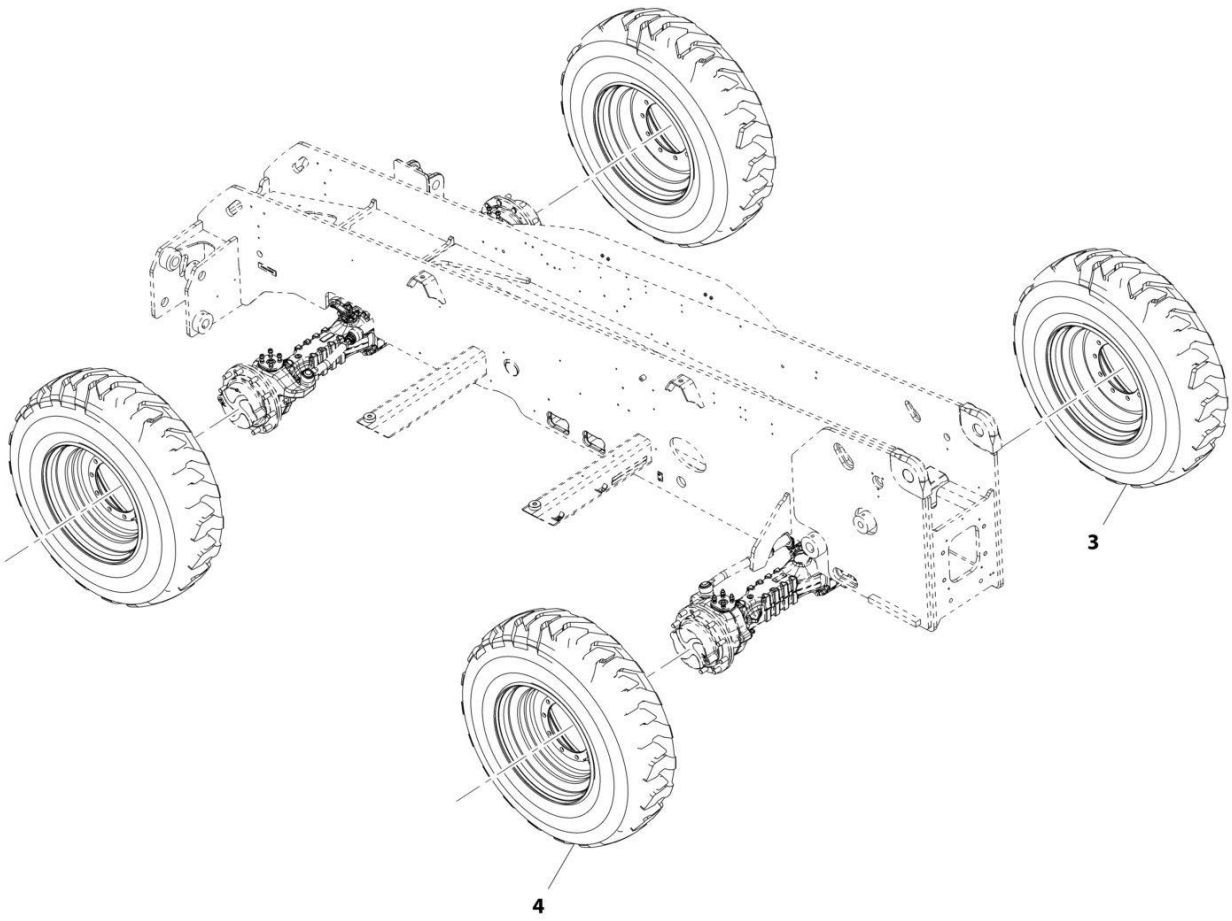
## FIGURE 5-149. LH FOAM WHEEL - 3614RS



## FIGURE 5-149. LH FOAM WHEEL - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149357 | Ref | Foam Wheel, LH | B |
| 1 | 1001003360 | 1 | Tire, 15.5X25 12 PLY BIAS L2 | |
| 5 | 1001212649 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

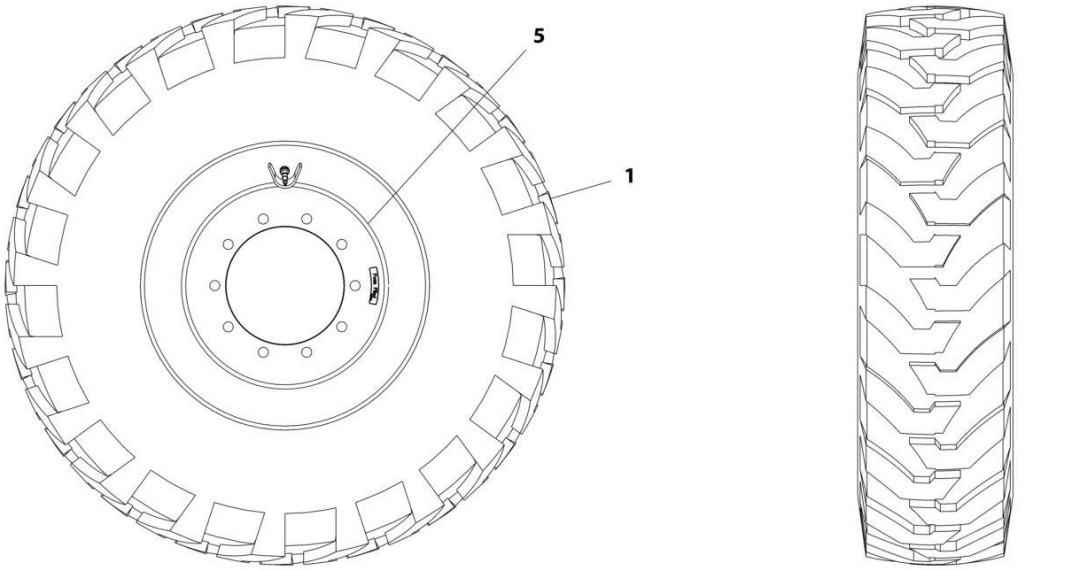
## FIGURE 5-150. FOAM FILLED WHEEL SET - 4017RS



## FIGURE 5-150. FOAM FILLED WHEEL SET - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001152829 | Ref | Foam Filled Wheel Set - 4017RS | B |
| 3 | 1001149361 | 2 | Wheel, Foam RH (See RH FOAM WHEEL - 4017RS for Breakdown) | |
| 4 | 1001149362 | 2 | Wheel, Foam LH (See LH FOAM WHEEL - 4017RS for Breakdown) | |

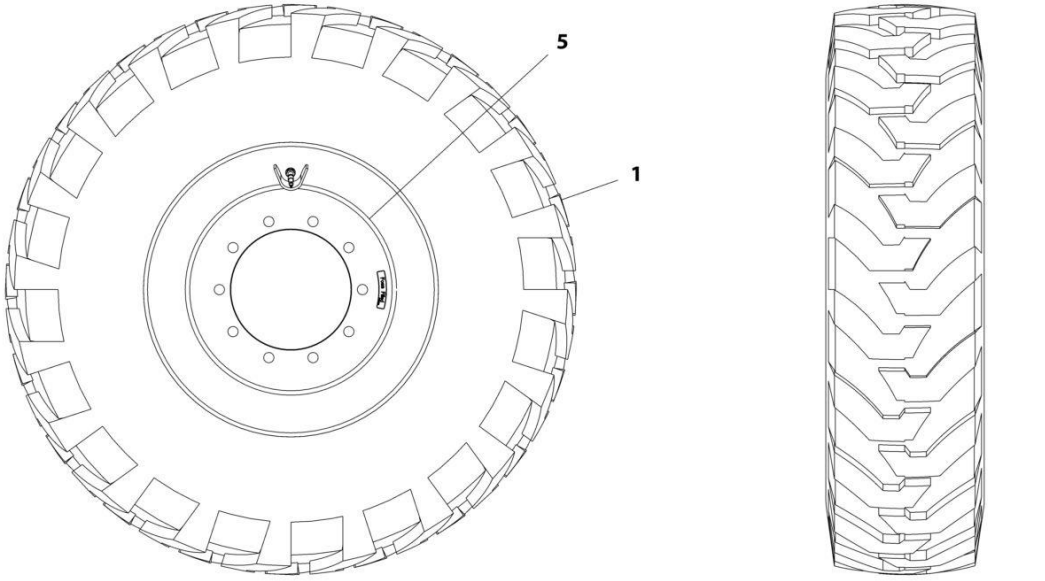
**FIGURE 5-151. RH FOAM WHEEL - 4017RS**



## FIGURE 5-151. RH FOAM WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149361 | Ref | Foam Wheel, RH | B |
| 1 | 1001003334 | 1 | Tire, RH 14.00-24 16PR | |
| 5 | 1001212650 | 1 | RH Rim Assembly, (See Separate Breakdown in this Section) | |

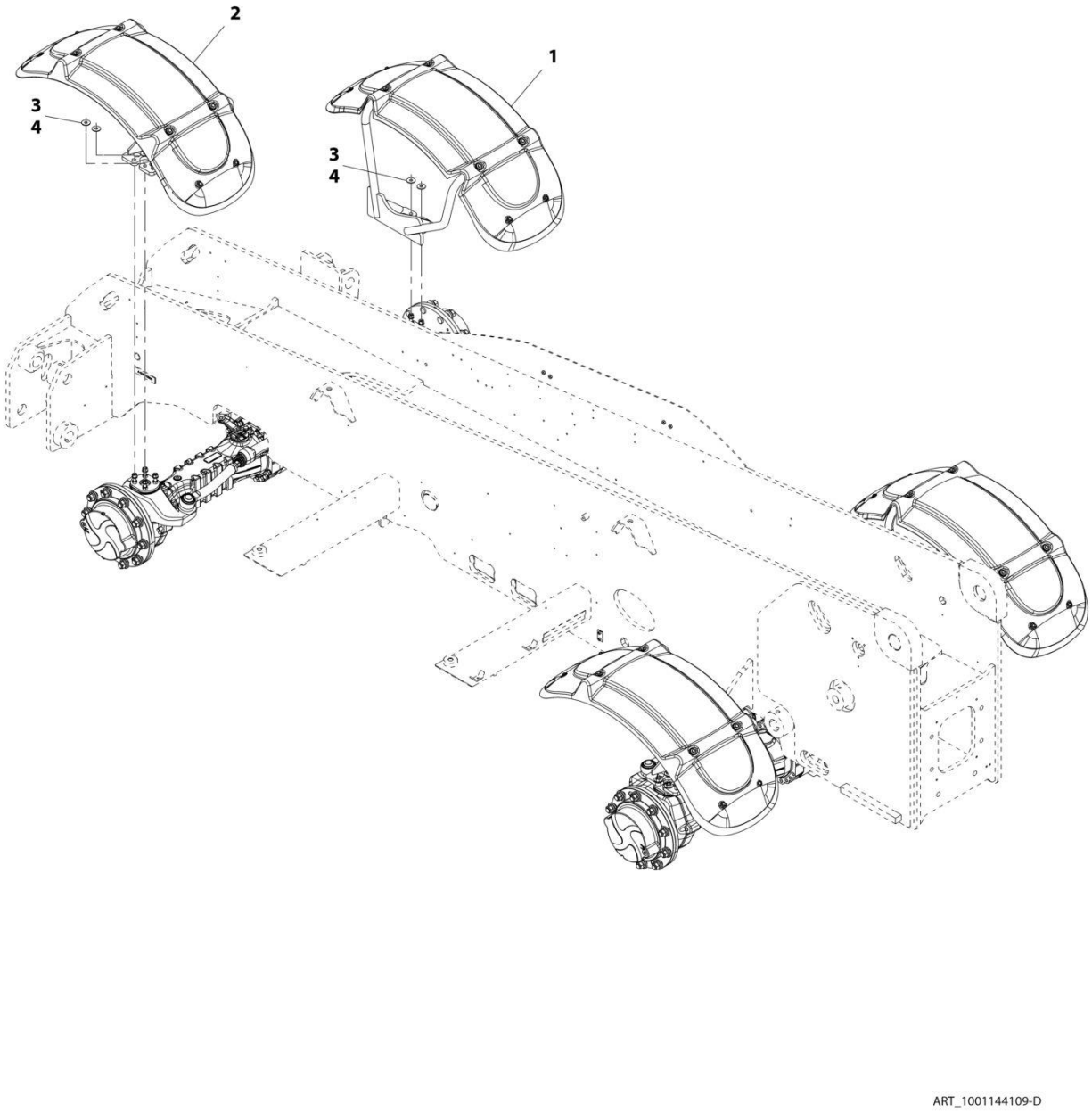
## FIGURE 5-152. LH FOAM WHEEL - 4017RS



## FIGURE 5-152. LH FOAM WHEEL - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149362 | Ref | Foam Wheel, LH | B |
| 1 | 1001003334 | 1 | Tire, 14.00-24 16PR | |
| 5 | 1001212651 | 1 | LH Rim Assembly, (See Separate Breakdown in this Section) | |

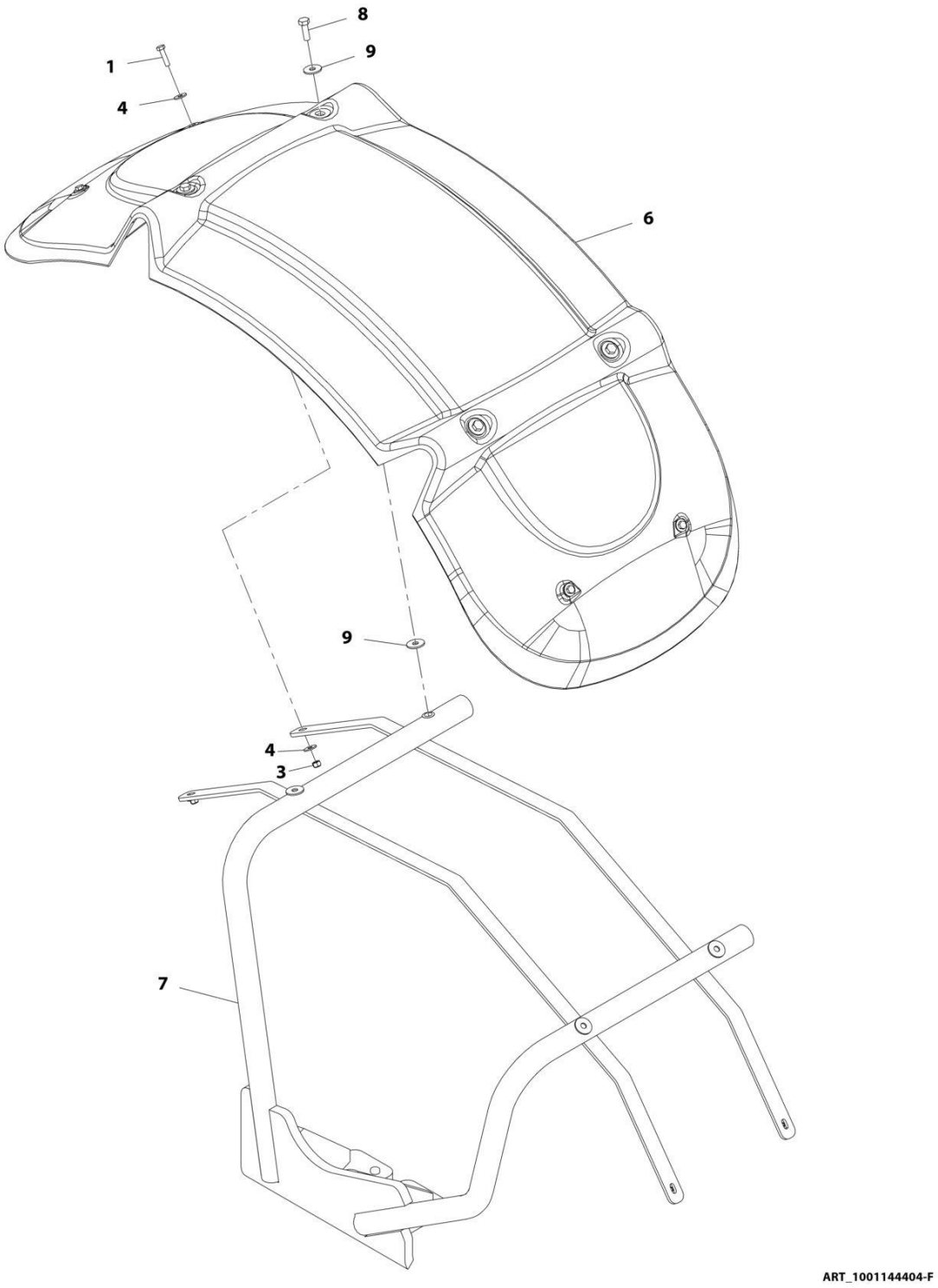
## FIGURE 5-153. FENDER INSTALLATION - 3614RS



## FIGURE 5-153. FENDER INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144109 | Ref | Fender Installation - 3614RS | D |
| 1 | 1001144404 | 2 | Assembly, RH Fender (See RH FENDER ASSEMBLY - 3614RS for Breakdown) | |
| 2 | 1001144405 | 2 | Assembly, LH Fender (See LH FENDER ASSEMBLY - 3614RS for Breakdown) | |
| 3 | 1001095650 | AR | Compound, Locking | |
| 4 | 4812102 | 16 | Washer, M12 | |

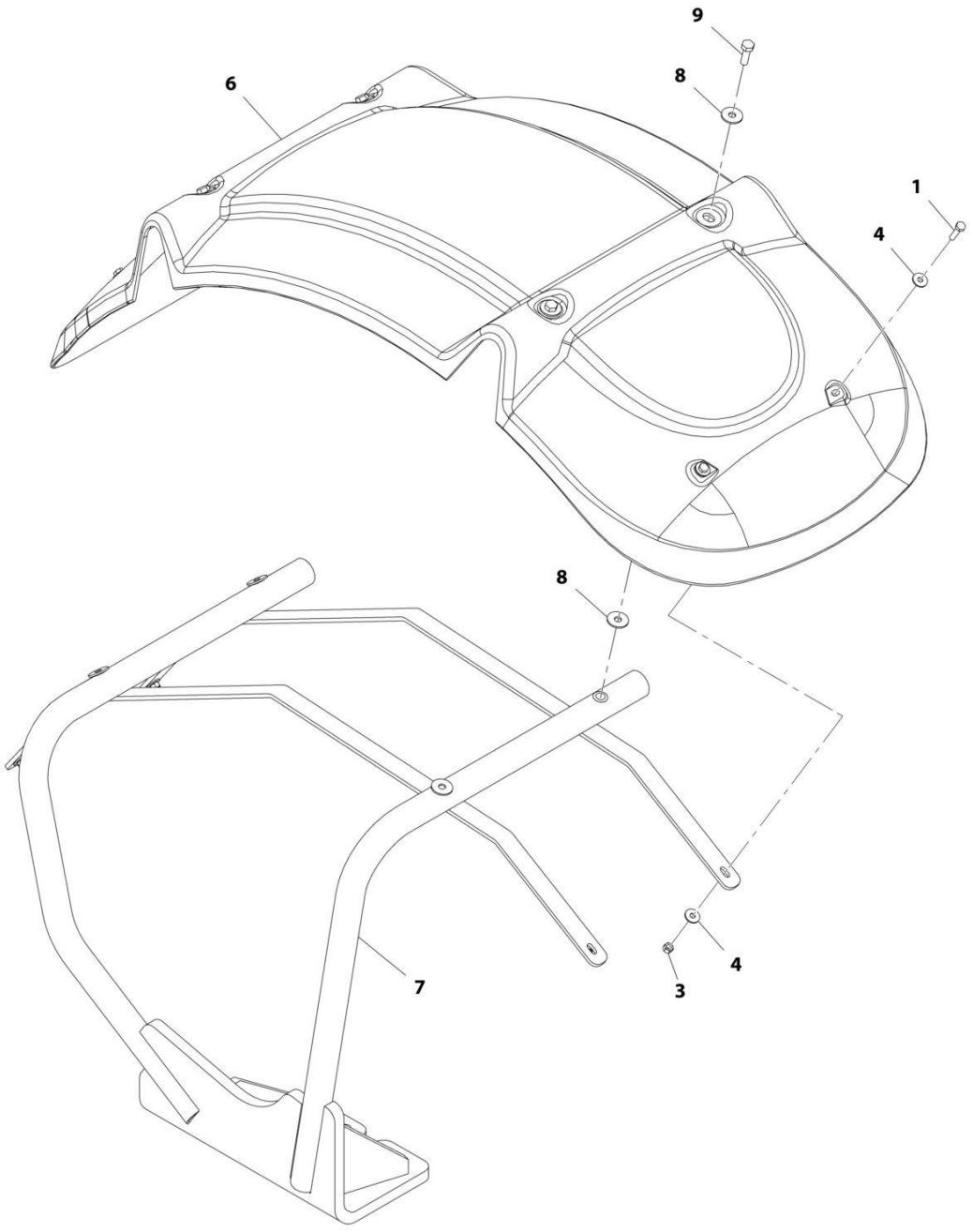
## FIGURE 5-154. RH FENDER ASSEMBLY - 3614RS



## FIGURE 5-154. RH FENDER ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144404 | Ref | RH Fender Assembly - 3614RS | E |
| 1 | 0760612 | 4 | Bolt, M6X25 | |
| 3 | 3290605 | 4 | Nut, M6X1 | |
| 4 | 4811702 | 8 | Washer, M6 | |
| 6 | 1001100845 | 1 | Fender | |
| 7 | 1001165650 | 1 | Bracket | |
| 8 | 0760812 | 4 | Bolt, M8X25 | |
| 9 | 4811902 | 8 | Washer, M8 | |

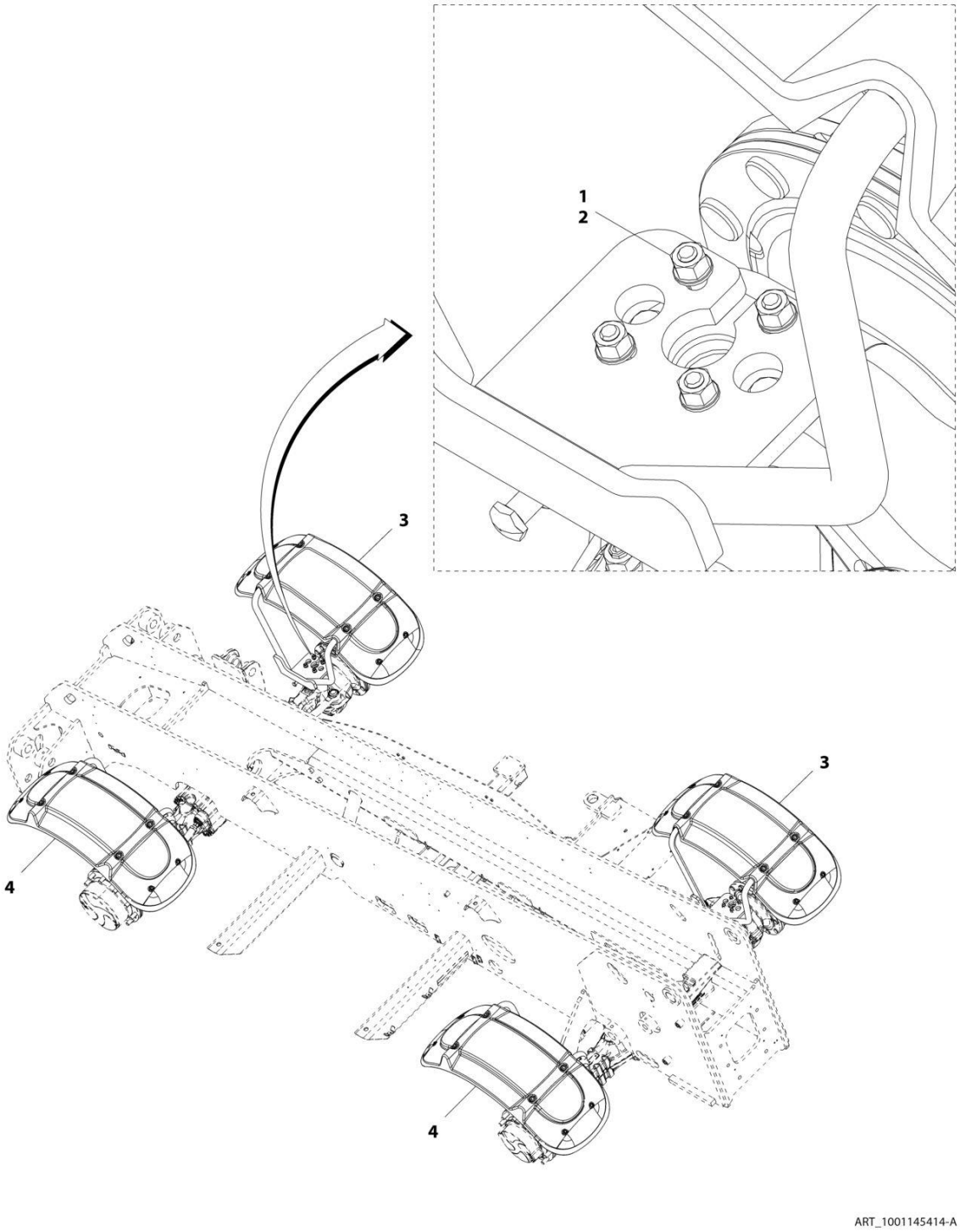
## FIGURE 5-155. LH FENDER ASSEMBLY - 3614RS



## FIGURE 5-155. LH FENDER ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144405 | Ref | LH Fender Assembly - 3614RS | E |
| 1 | 0760612 | 4 | Bolt, M6X25 | |
| 3 | 3290605 | 4 | Nut, M6X1 | |
| 4 | 4811702 | 8 | Washer, M6 | |
| 6 | 1001100845 | 1 | Fender | |
| 7 | 1001164992 | 1 | Bracket | |
| 8 | 4811902 | 8 | Washer, M8 | |
| 9 | 0760812 | 4 | Bolt, M8X25 | |

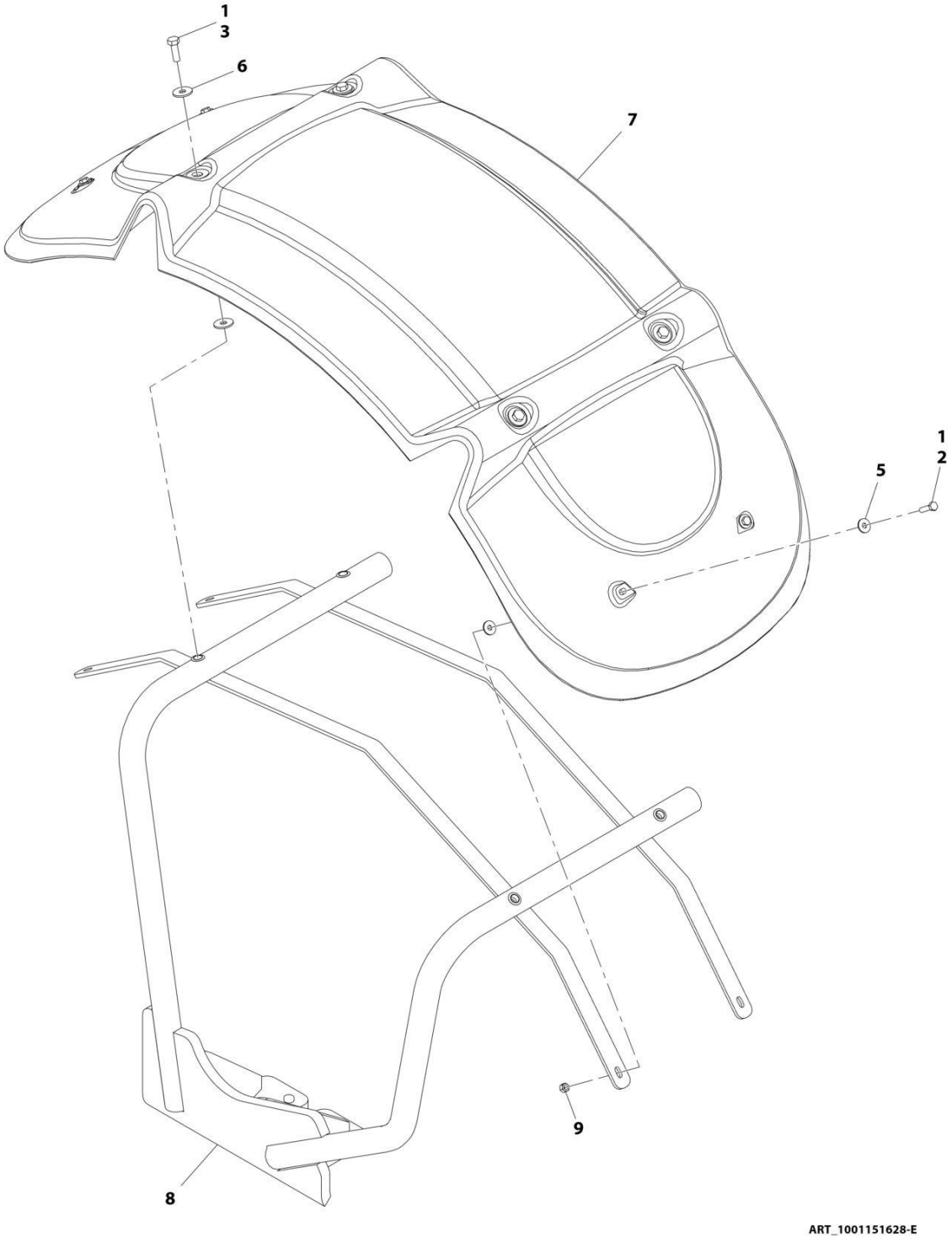
## FIGURE 5-156. FENDER INSTALLATION - 4017RS



## FIGURE 5-156. FENDER INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145414 | Ref | Fender Installation - 4017RS | A |
| 1 | 4812102 | 16 | Washer, M12 | |
| 2 | 1001095650 | AR | Compound, Locking | |
| 3 | 1001151628 | 2 | Assembly, RH Fender (See RH FENDER ASSEMBLY - 4017RS for Breakdown) | |
| 4 | 1001153185 | 2 | Assembly, LH Fender (See LH FENDER ASSEMBLY- 4017RS for Breakdown) | |

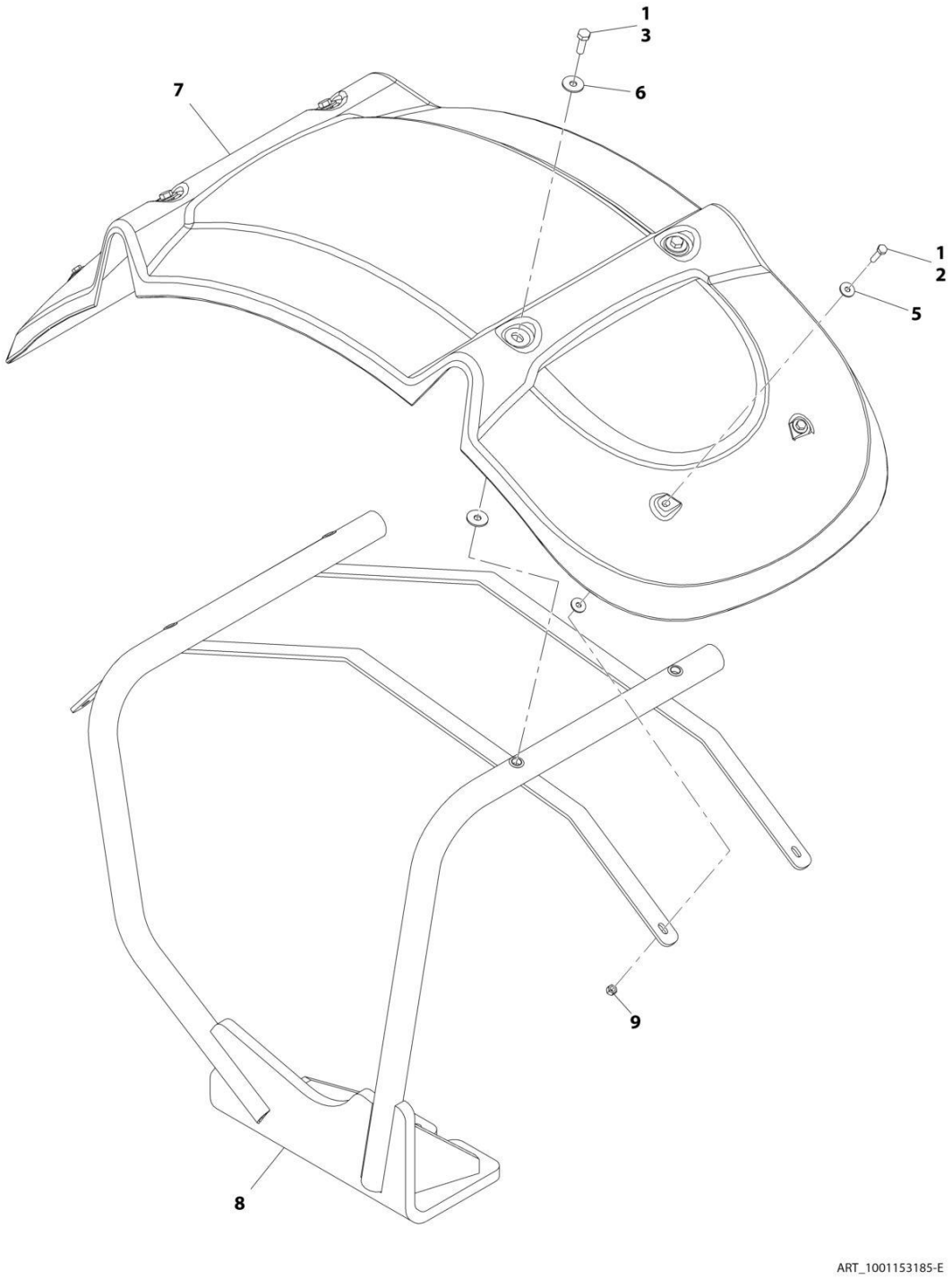
## FIGURE 5-157. RH FENDER ASSEMBLY - 4017RS



## FIGURE 5-157. RH FENDER ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151628 | Ref | RH Fender Assembly - 4017RS | E |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760612 | 4 | Bolt, M6X25 | |
| 3 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 4811702 | 8 | Washer, M6 | |
| 6 | 4811902 | 8 | Washer, M8 | |
| 7 | 1001100845 | 1 | Fender | |
| 8 | 1001164599 | 1 | Bracket | |
| 9 | 3290605 | 4 | Nut, M6X1 | |

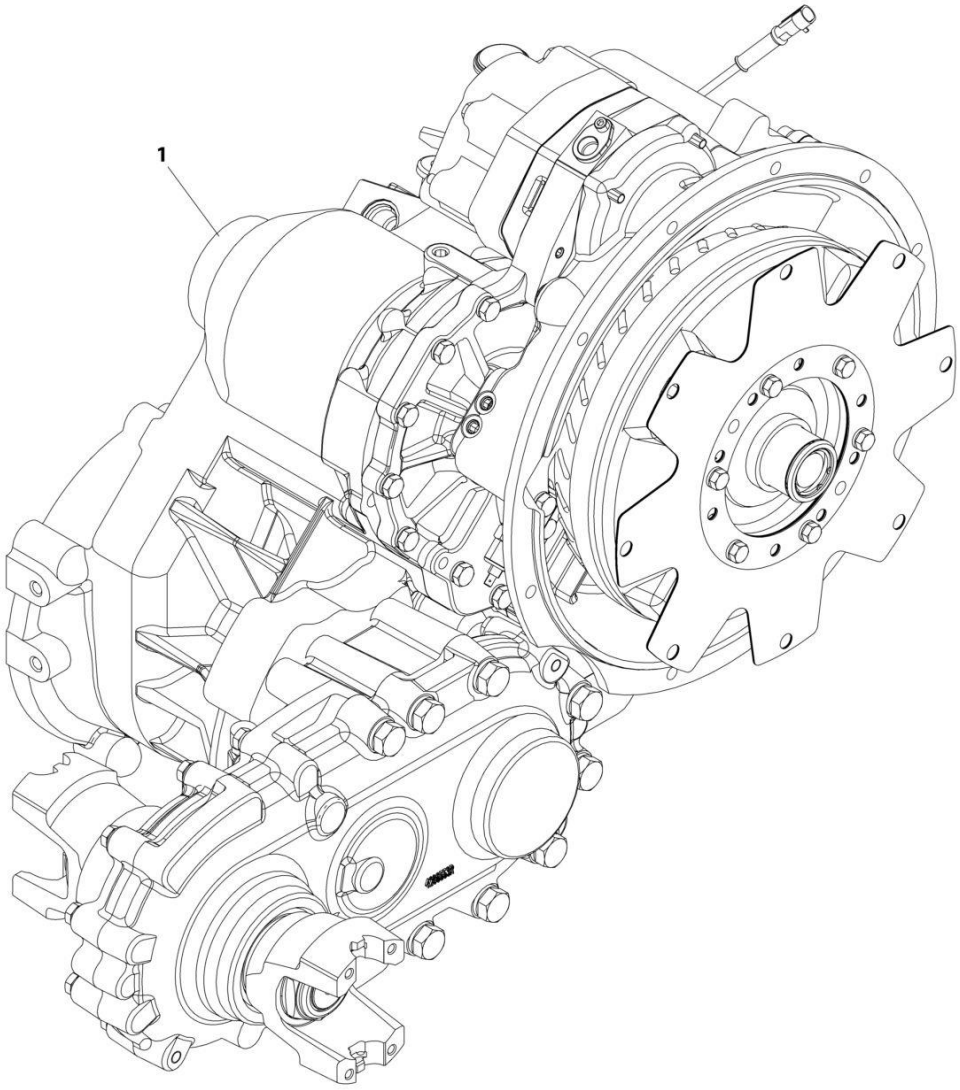
## FIGURE 5-158. LH FENDER ASSEMBLY - 4017RS



## FIGURE 5-158. LH FENDER ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153185 | Ref | LH Fender Assembly - 4017RS | E |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760612 | 4 | Bolt, M6X25 | |
| 3 | 0760812 | 4 | Bolt, M8X25 | |
| 5 | 4811702 | 8 | Washer, M6 | |
| 6 | 4811902 | 8 | Washer, M8 | |
| 7 | 1001100845 | 1 | Fender | |
| 8 | 1001167093 | 1 | Bracket | |
| 9 | 3290605 | 4 | Nut, M6X1 | |

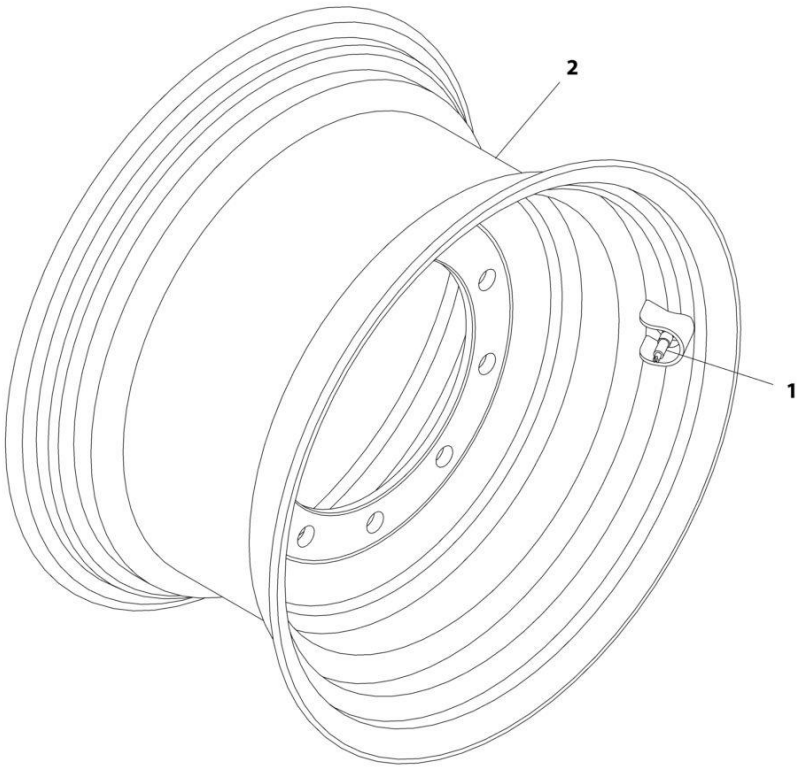
**FIGURE 5-159. POWERSHIFT TRANSMISSION**



## FIGURE 5-159. POWERSHIFT TRANSMISSION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001192001 | Ref | Powershift Transmission | A |

## FIGURE 5-160. RH MITAS RIM ASSEMBLY - 3614RS

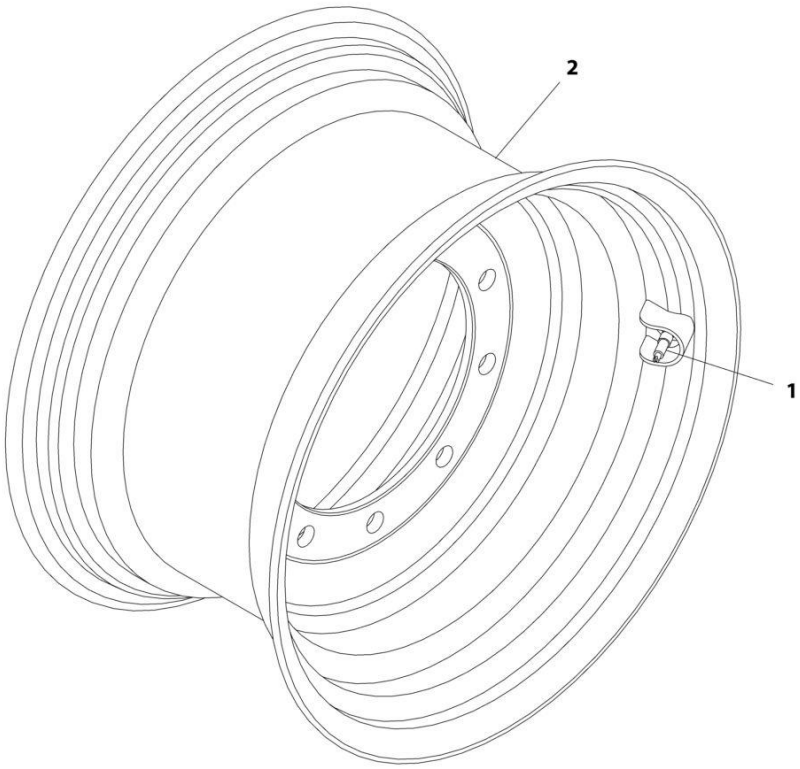



ART_1001212636-A

## FIGURE 5-160. RH MITAS RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212636 | Ref | RH Rim Assembly **(SN 1160007024 through 1160008000)** | A |
| | 1001217143 | Ref | RH Rim Assembly **(SN 1160008000 through 1160008790)** | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142382J | 1 | Rim, (DW14LX24) | |

## FIGURE 5-161. LH MITAS RIM ASSEMBLY - 3614RS

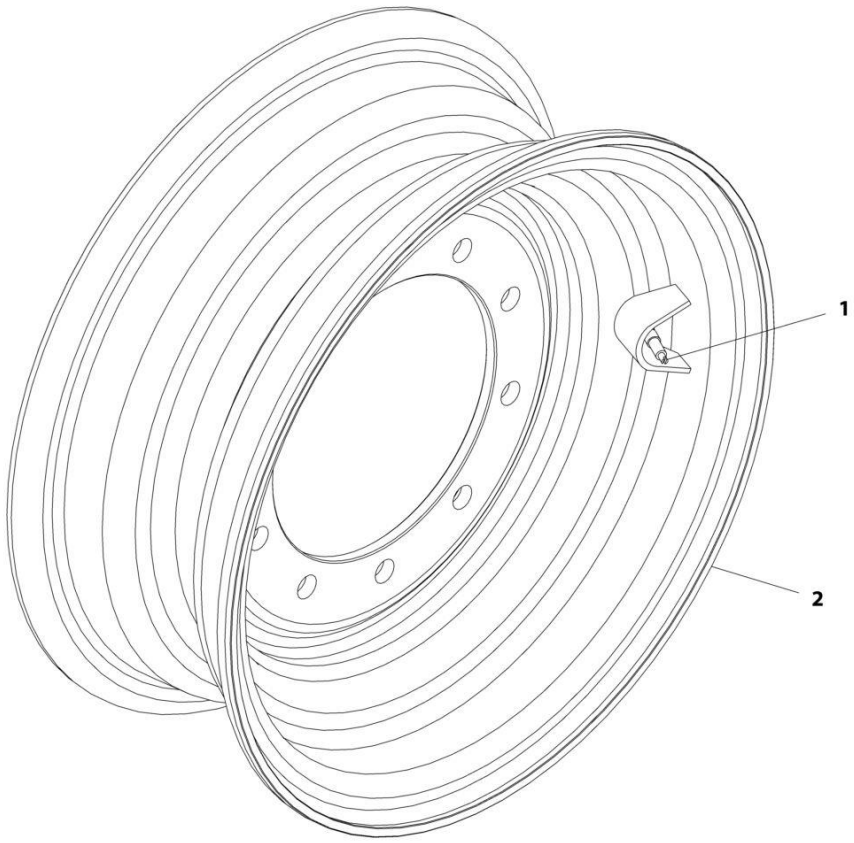



ART_1001212637-A

## FIGURE 5-161. LH MITAS RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212637 | Ref | LH Rim Assembly **(SN 1160007024 through 1160008000)** | A |
| | 1001217145 | Ref | LH Rim Assembly **(SN 1160008000 through 1160008790)** | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142382J | 1 | Rim, (DW14LX24) | |

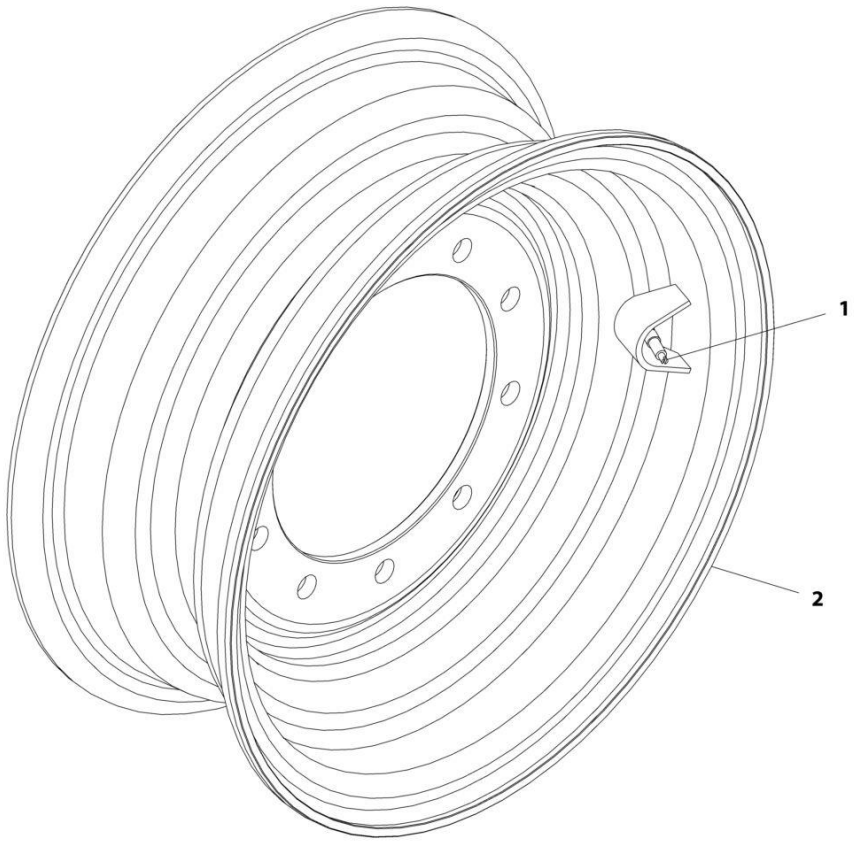
## FIGURE 5-162. RH MITAS RIM ASSEMBLY - 4017RS



## FIGURE 5-162. RH MITAS RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212643 | Ref | RH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142382J | 1 | Rim, (24X9) | |

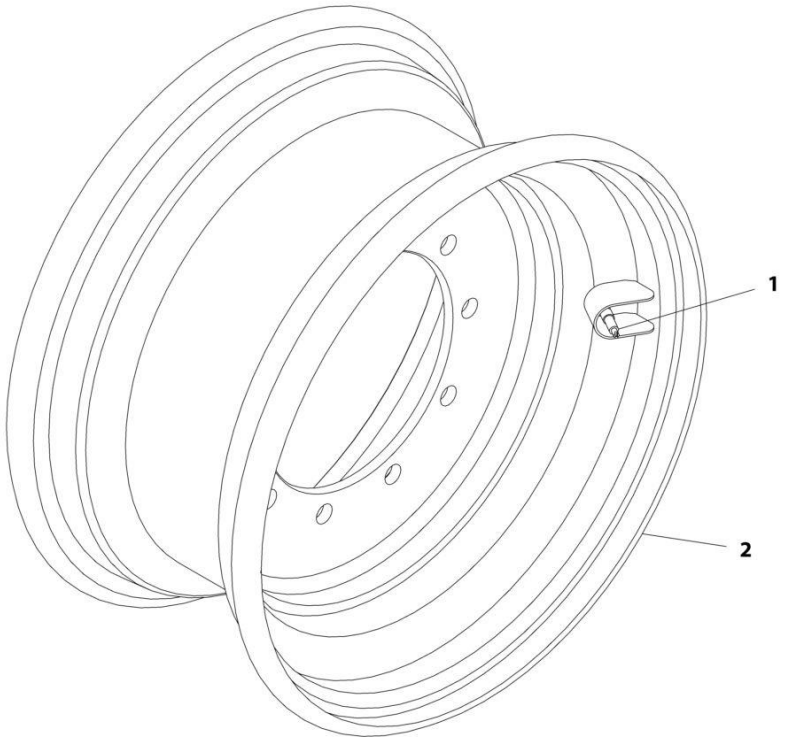
## FIGURE 5-163. LH MITAS RIM ASSEMBLY - 4017RS



## FIGURE 5-163. LH MITAS RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212644 | Ref | LH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142383J | 1 | Rim, (24X9) | |

## FIGURE 5-164. RH GOODYEAR RIM ASSEMBLY - 3614RS

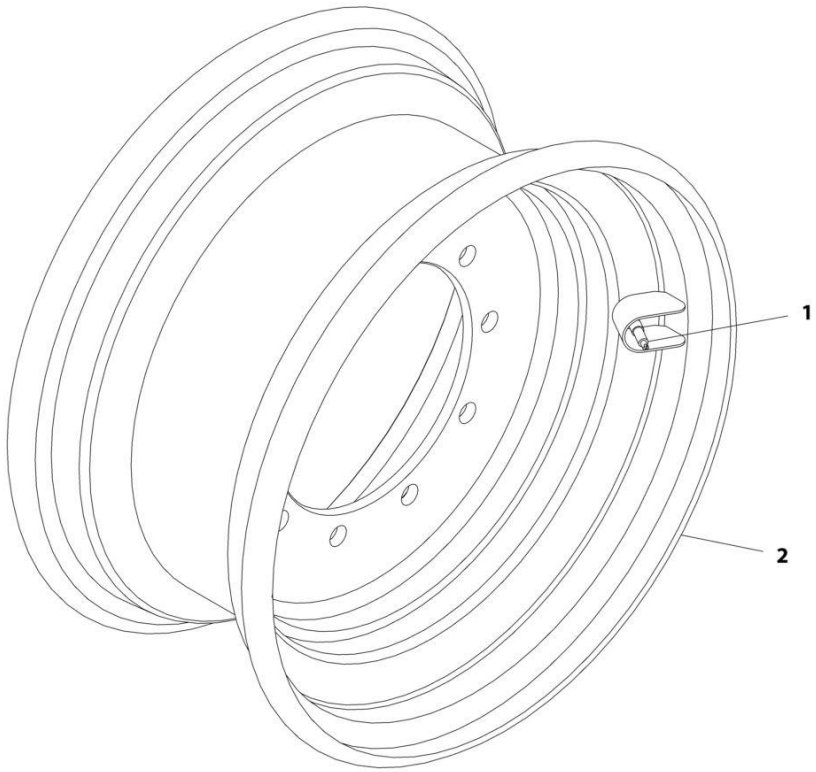



ART_1001212640-B

## FIGURE 5-164. RH GOODYEAR RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212640 | Ref | RH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001145380J | 1 | Rim, (12.00/1.3x25) | |

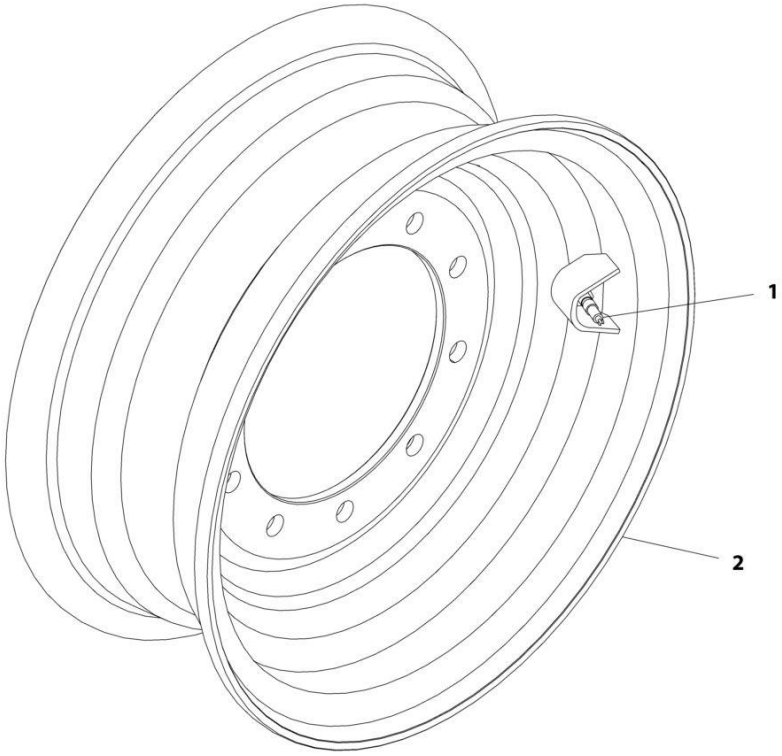
## FIGURE 5-165. LH GOODYEAR RIM ASSEMBLY - 3614RS



## FIGURE 5-165. LH GOODYEAR RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212641 | Ref | LH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001145380J | 1 | Rim, (12.00/1.3x25) | |

## FIGURE 5-166. RH GOODYEAR RIM ASSEMBLY - 4017RS

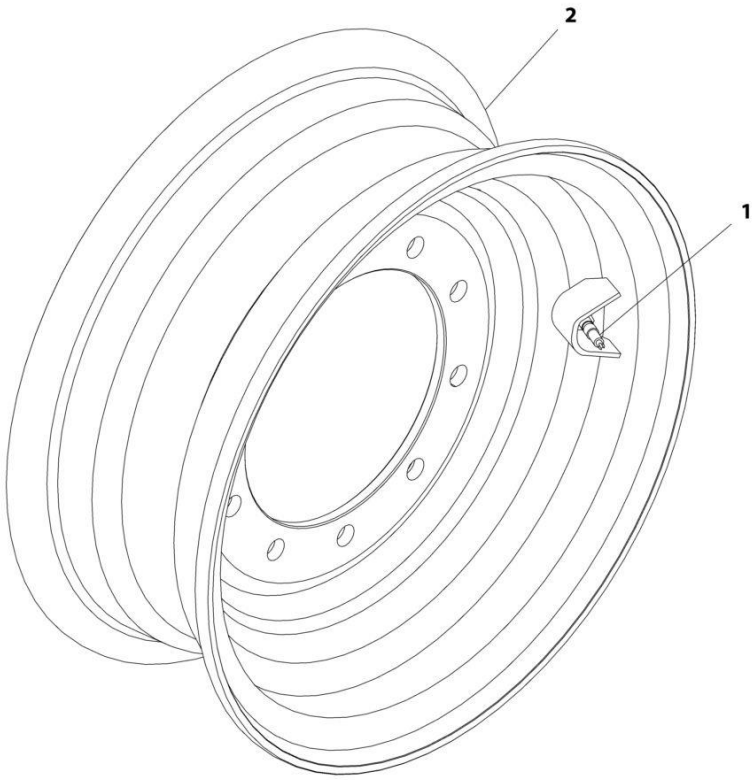



ART_1001212645-B

## FIGURE 5-166. RH GOODYEAR RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212645 | Ref | RH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142383J | 1 | Rim, (24X9) | |

## FIGURE 5-167. LH GOODYEAR RIM ASSEMBLY - 4017RS

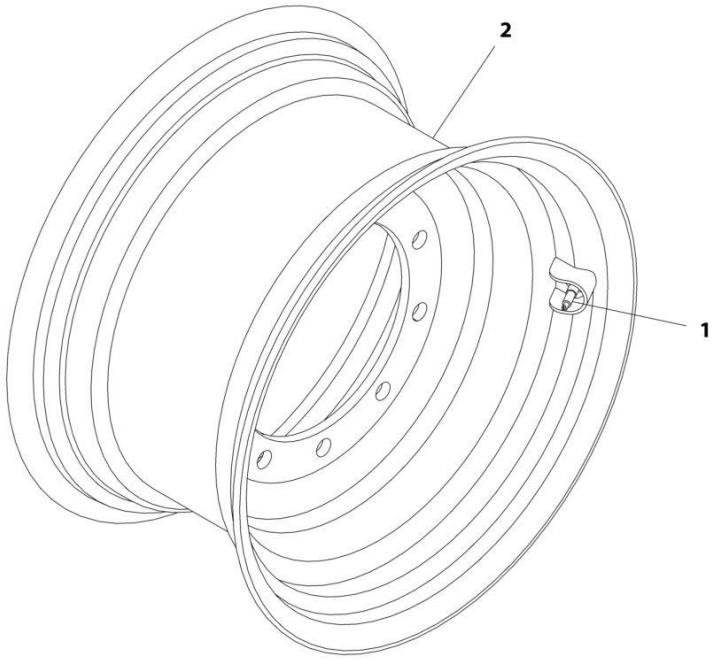



ART_1001212646-B

## FIGURE 5-167. LH GOODYEAR RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212646 | Ref | LH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142383J | 1 | Rim, (24X9) | |

## FIGURE 5-168. RH MICHELIN RIM ASSEMBLY - 3614RS

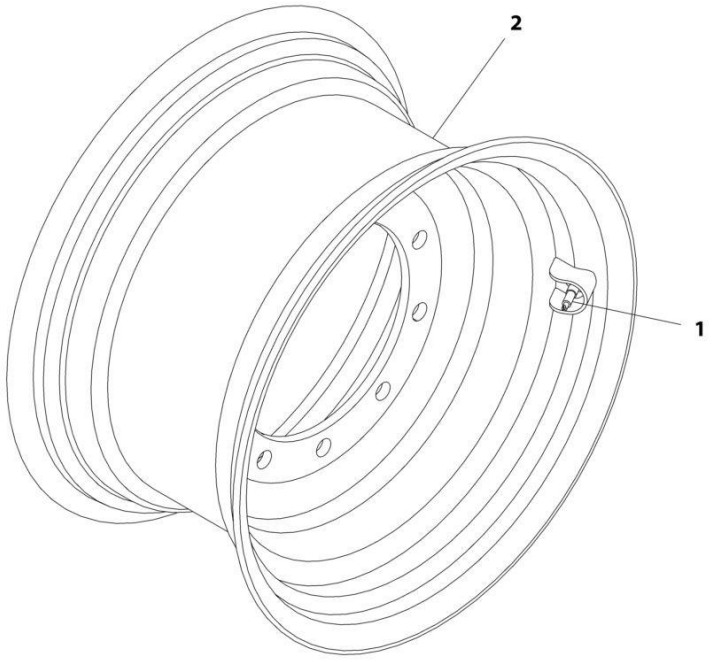



ART_1001212638-B

## FIGURE 5-168. RH MICHELIN RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212638 | Ref | RH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142382J | 1 | Rim, (DW14L X 24) | |

## FIGURE 5-169. LH MICHELIN RIM ASSEMBLY - 3614RS

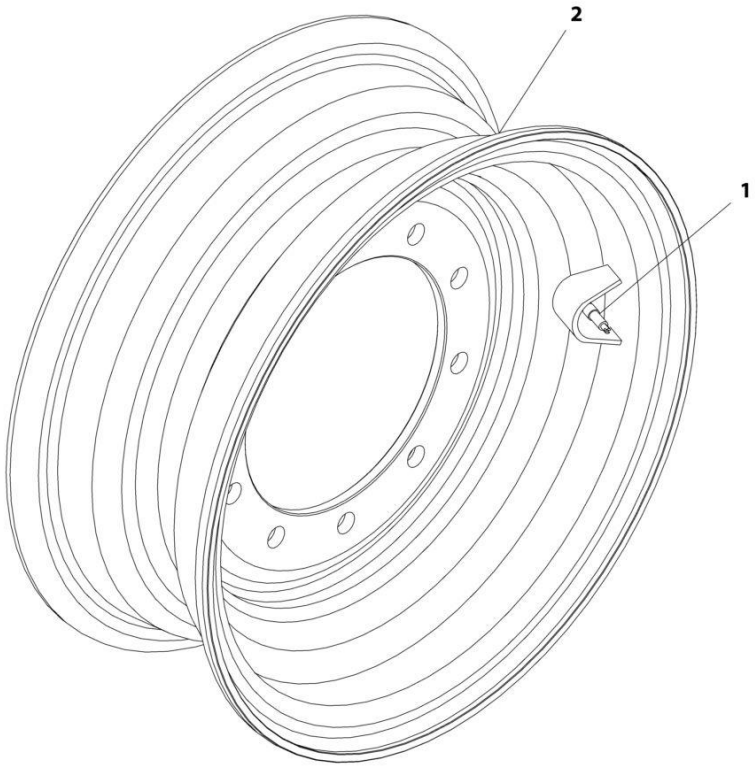



ART_1001212639-B

## FIGURE 5-169. LH MICHELIN RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212639 | Ref | LH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142382J | 1 | Rim, (DW14LX24) | |

**FIGURE 5-170. RH/LH MICHELIN RIM ASSEMBLY - 4017RS**

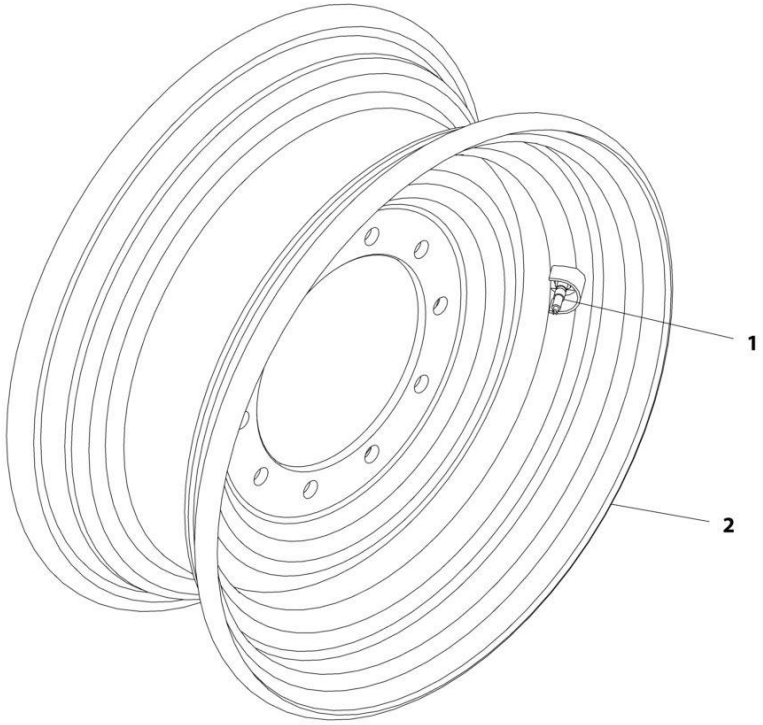



ART_1001212652-B

## FIGURE 5-170. RH/LH MICHELIN RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212652 | Ref | RH/LH Rim Assembly | B |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001142383J | 1 | Rim, (24X9) | |

## FIGURE 5-171. FIRESTONE RIM ASSEMBLY - 3614RS

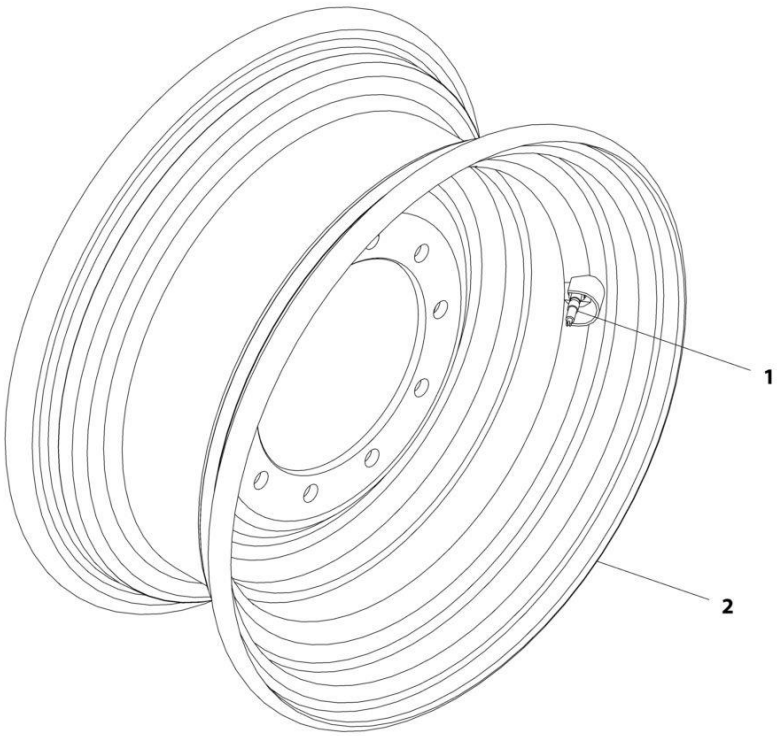



ART_1001212642-A

## FIGURE 5-171. FIRESTONE RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212642 | Ref | Rim Assembly | A |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001144744J | 1 | Rim, (28X11. 00 W/ .219OS) | |

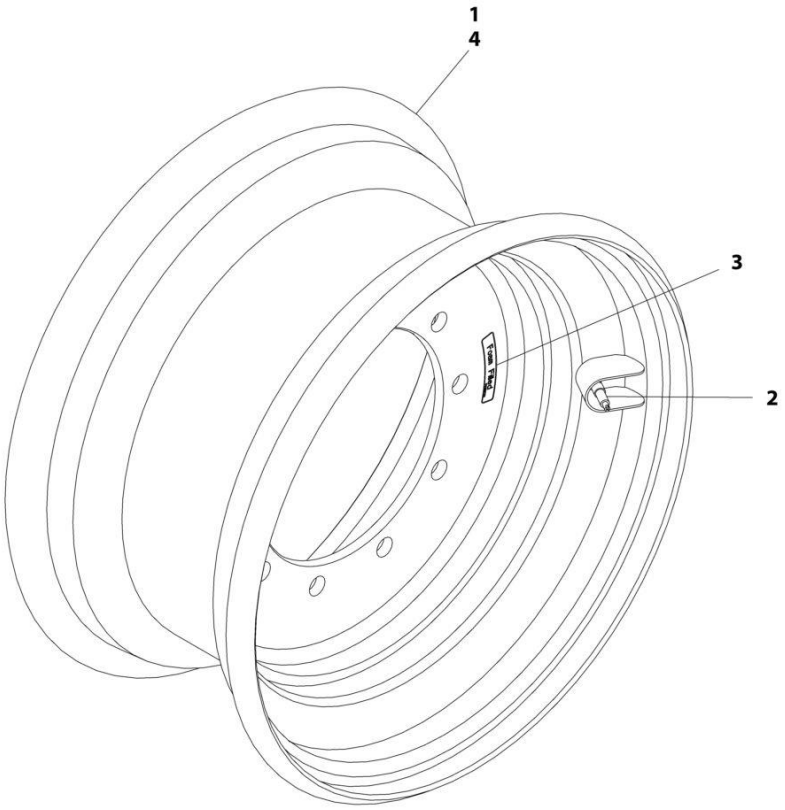
## FIGURE 5-172. FIRESTONE RIM ASSEMBLY - 4017RS



## FIGURE 5-172. FIRESTONE RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212647 | Ref | Rim Assembly | A |
| 1 | 1001008719 | 1 | Valve | |
| 2 | 1001144745J | 1 | Rim, (28X12. 00 W/ 0.75 OS) | |

## FIGURE 5-173. RH FOAM RIM ASSEMBLY - 3614RS

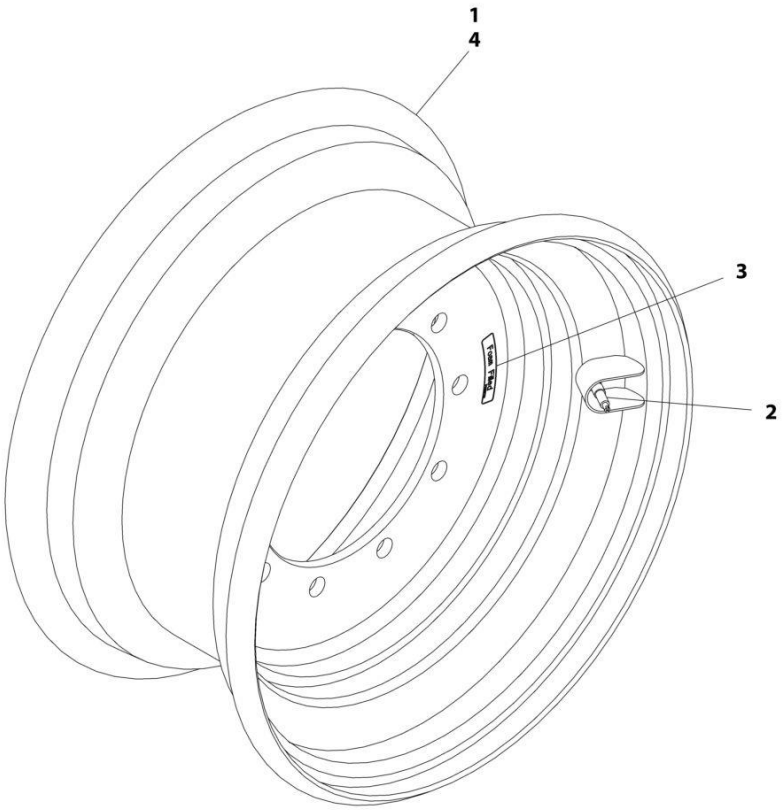



ART_1001212648-B

## FIGURE 5-173. RH FOAM RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212648 | Ref | RH Rim Assembly | B |
| 1 | 1001004771 | 186 kg | Filler-Urethane | |
| 2 | 1001008719 | 1 | Valve | |
| 3 | 1001152079 | 1 | Label | |
| 4 | 1001145380J | 1 | Rim, (12.00 /1.3X25) | |

## FIGURE 5-174. LH FOAM RIM ASSEMBLY - 3614RS

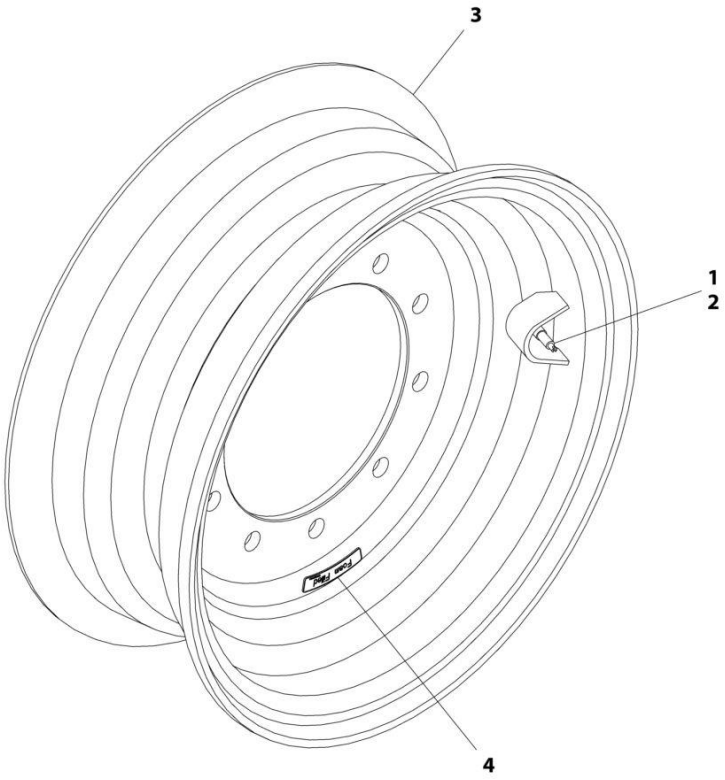



ART_1001212649-B

## FIGURE 5-174. LH FOAM RIM ASSEMBLY - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212649 | Ref | LH Rim Assembly | B |
| 1 | 1001004771 | 186 kg | Filler-Urethane | |
| 2 | 1001008719 | 1 | Valve | |
| 3 | 1001152079 | 1 | Label | |
| 4 | 1001145380J | 1 | Rim, (12.00/1.3X25) | |

## FIGURE 5-175. RH FOAM RIM ASSEMBLY - 4017RS

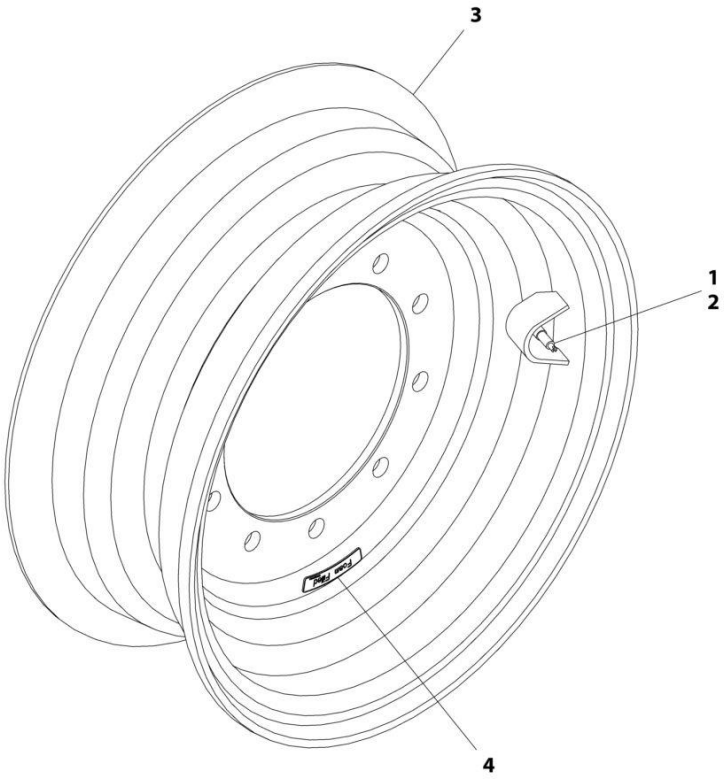



ART_1001212650-B

## FIGURE 5-175. RH FOAM RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212650 | Ref | RH Rim Assembly | B |
| 1 | 1001004771 | 245 kg | Filler-Urethane | |
| 2 | 1001008719 | 1 | Valve | |
| 3 | 1001142383J | 1 | Rim, (24X9) | |
| 4 | 1001152079 | 1 | Label | |

## FIGURE 5-176. LH FOAM RIM ASSEMBLY - 4017RS



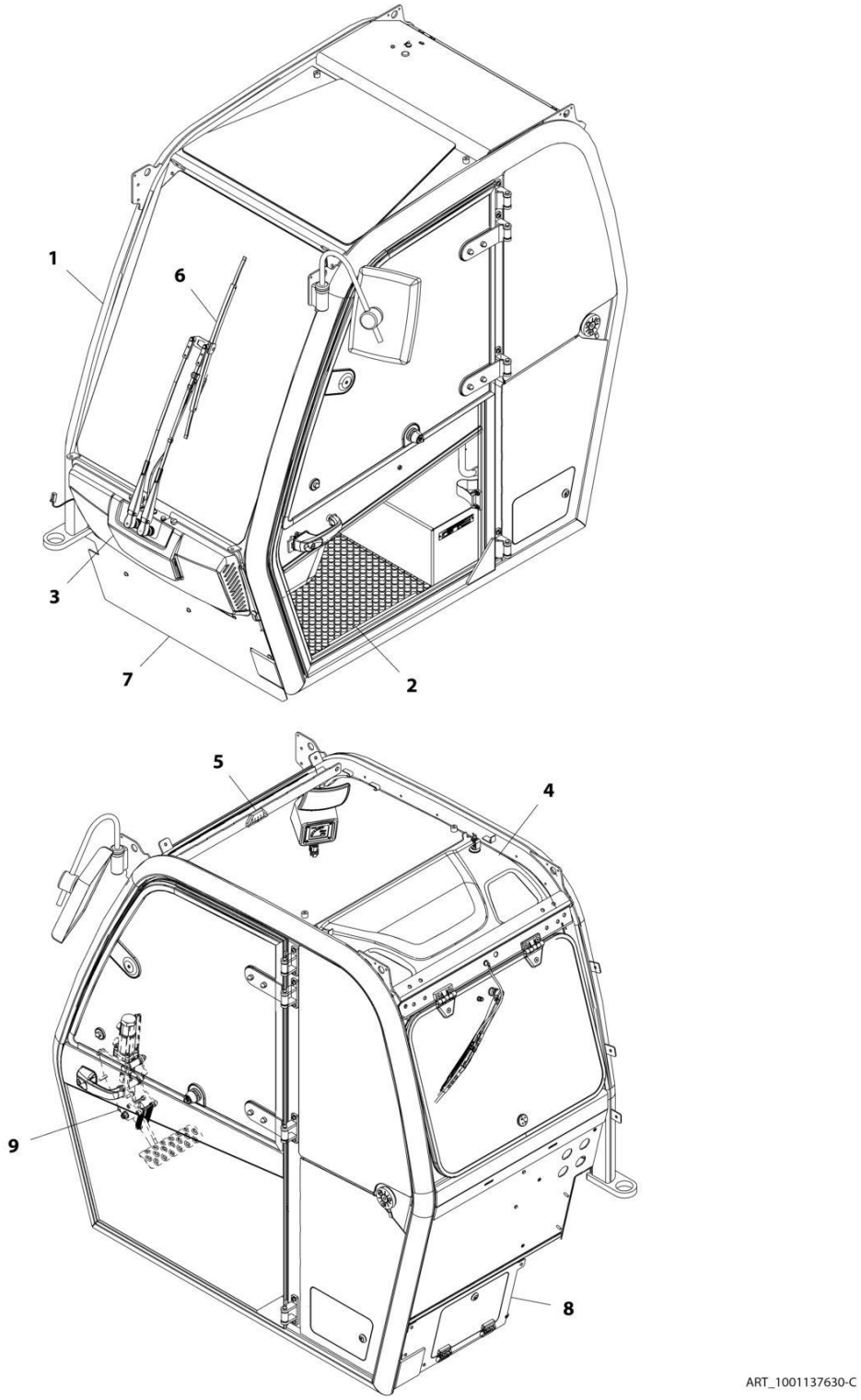

ART_1001212651-B

## FIGURE 5-176. LH FOAM RIM ASSEMBLY - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212651 | Ref | LH Rim Assembly | B |
| 1 | 1001004771 | 245 kg | Filler-Urethane | |
| 2 | 1001008719 | 1 | Valve | |
| 3 | 1001142383J | 1 | Rim, (24X9) | |
| 4 | 1001152079 | 1 | Label | |

# SECTION 6 - CAB

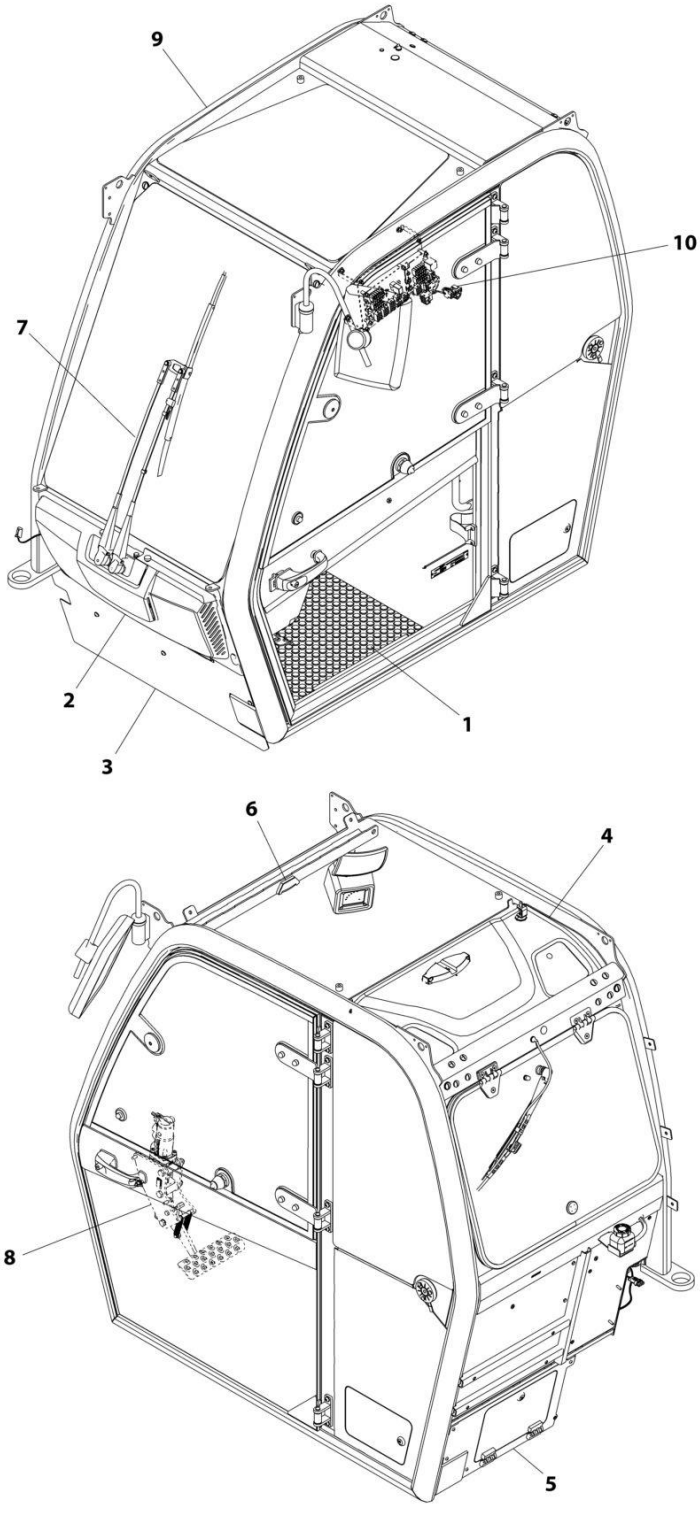
**FIGURE 6-1. CAB INSTALLATION (FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-1. CAB INSTALLATION (FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001137630 | Ref | Cab Installation (FNR Lever) | C |
| 1 | 1001137631 | Ref | Cab (FNR Lever), (See CAB (FNR LEVER) for Breakdown) | |
| 2 | 1001139746 | 1 | Mat, Floor | |
| 3 | 1001142194 | Ref | Assembly, Front Cover (See FRONT COVER ASSEMBLY for Breakdown) | |
| 4 | 1001146587 | Ref | Installation, Headliner (See HEADLINER INSTALLATION for Breakdown) | |
| 5 | 1001006269 | 1 | Indicator, Level | |
| 6 | 1001168812 | Ref | Installation, Front Wiper (See FRONT WIPER INSTALLATION for Breakdown) | |
| 7 | 1001142968 | Ref | Installation, Front Panel (See FRONT PANEL INSTALLATION for Breakdown) | |
| 8 | 1001148112 | Ref | Installation, Cover Panel (See COVER PANEL INSTALLATION for Breakdown) | |
| 9 | 1001139977 | Ref | Installation, Brake Pedal (See CONTROLS SECTION for Breakdown) | |

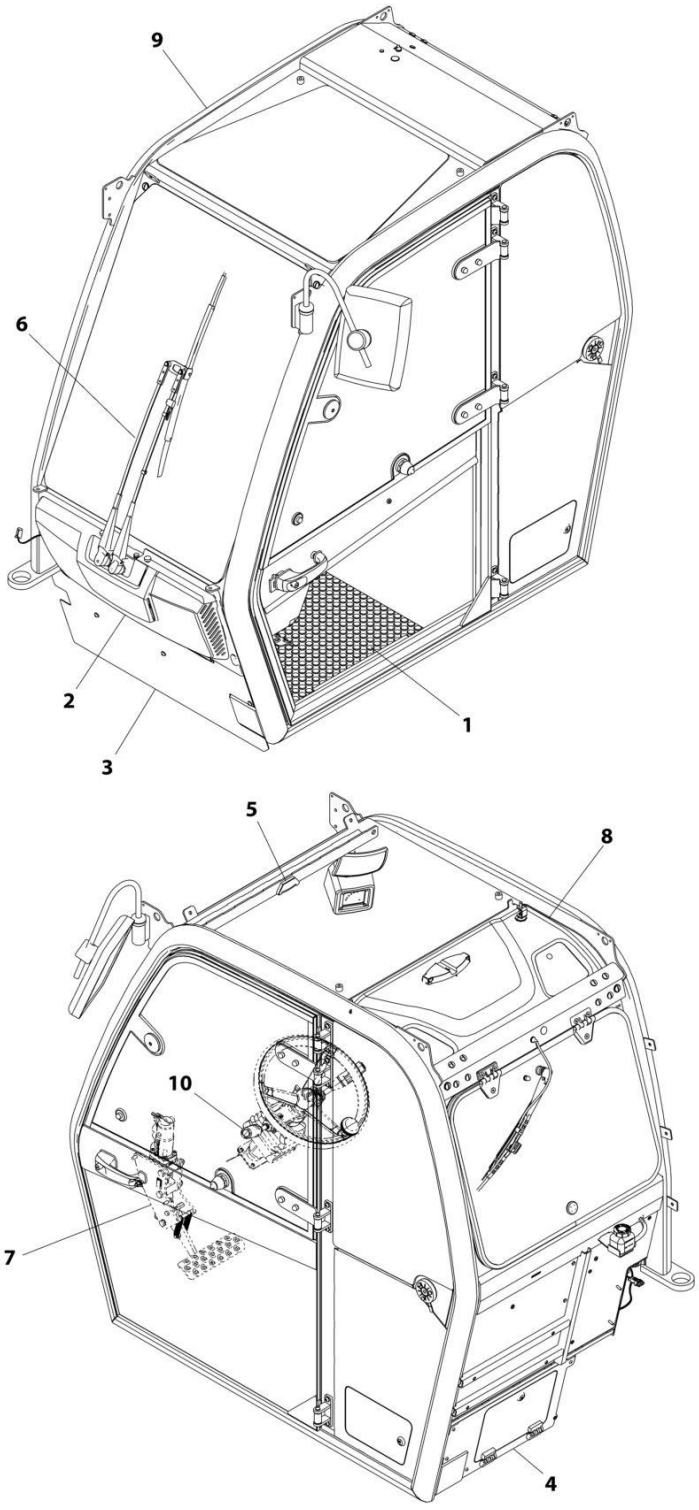
**FIGURE 6-2. CAB INSTALLATION (FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 6-2. CAB INSTALLATION (FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241944 | Ref | Cab Installation (FNR Lever) | B |
| 1 | 1001139746 | 1 | Floor Mat | |
| 2 | 1001142194 | Ref | Assembly, Front Cover (See Separate Breakdown in this Section) | |
| 3 | 1001142968 | Ref | Installation, Front Panel (See Separate Breakdown in this Section) | |
| 4 | 1001237156 | Ref | Installation, Headliner (See Separate Breakdown in this Section) | |
| 5 | 1001148112 | Ref | Installation, Cover Panel (See Separate Breakdown in this Section) | |
| 6 | 8466306 | 1 | Indicator, Level | |
| 7 | 1001168812 | Ref | Installation, Front Wiper (See Separate Breakdown in this Section) | |
| 8 | 1001206068 | Ref | Installation, Brake Pedal (See Separate Breakdown in CONTROL SECTION) | |
| 9 | 1001241942 | Ref | Cab (FNR Lever) (See Separate Breakdown in this Section) | |
| 10 | 1001250717 | Ref | Installation, Worklight Jumper (See Separate Breakdown in ELECTRICAL SECTION) | |

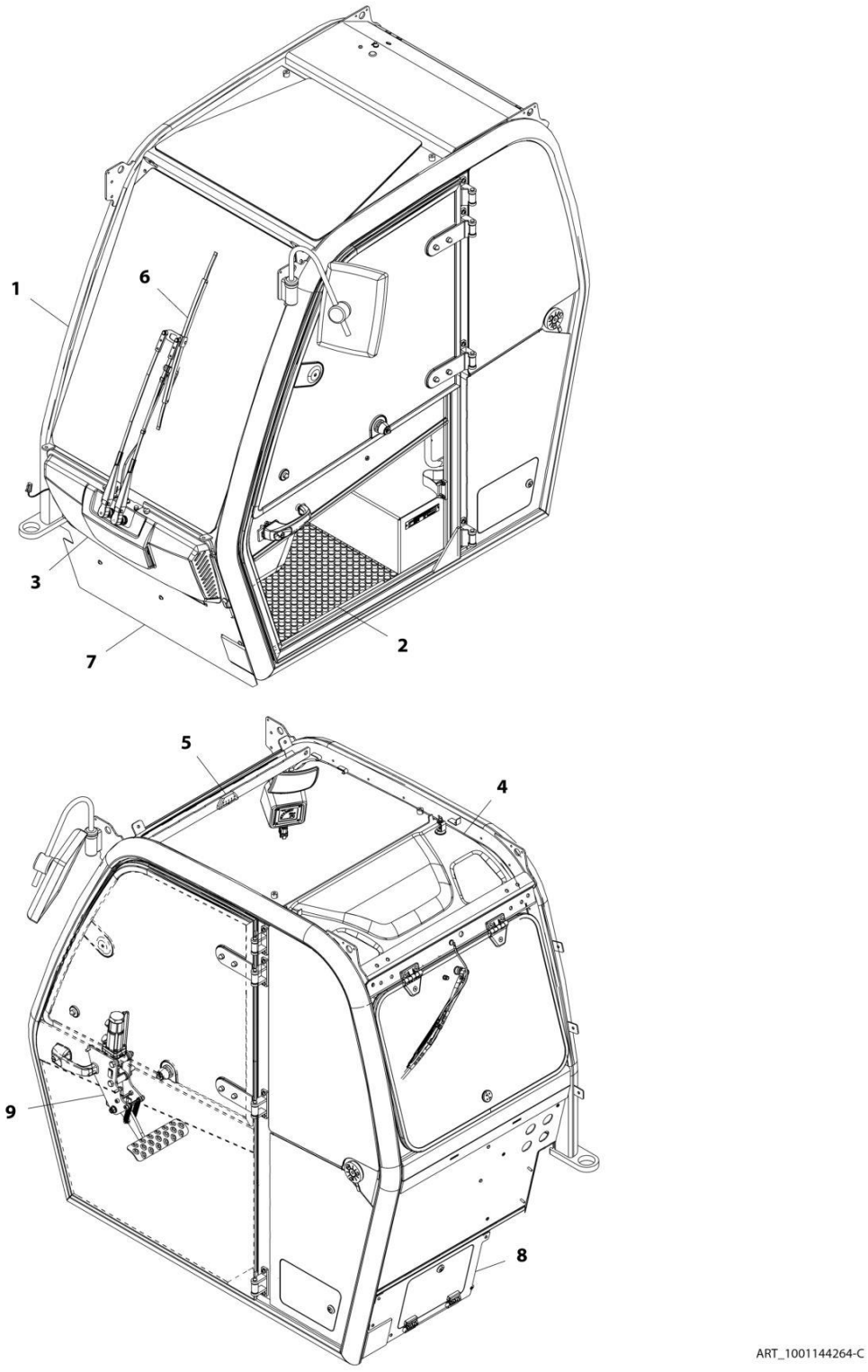
**FIGURE 6-3. CAB INSTALLATION (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 6-3. CAB INSTALLATION (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241971 | Ref | Cab Installation (FNR Lever) | B |
| 1 | 1001139746 | 1 | Mat, Floor | |
| 2 | 1001142194 | Ref | Assembly, Front Cover (See Separate Breakdown in this Section) | |
| 3 | 1001142968 | Ref | Installation, Front Panel (See Separate Breakdown in this Section) | |
| 4 | 1001148112 | Ref | Installation, Cover Panel (See Separate Breakdown in this Section) | |
| 5 | 8466306 | 1 | Indicator, Level | |
| 6 | 1001168812 | Ref | Installation, Front Wiper (See Separate Breakdown in this Section) | |
| 7 | 1001206068 | Ref | Installation, Brake Pedal (See Separate Breakdown in CONTROLS Section) | |
| 8 | 1001237156 | Ref | Installation, Headliner (See Separate Breakdown in this Section) | |
| 9 | 1001241968 | Ref | Cab (See Separate Breakdown in this Section) | |
| 10 | 1001248291 | Ref | Installation, Steering Column Switch (See Separate Breakdown in CONTROLS Section) | |

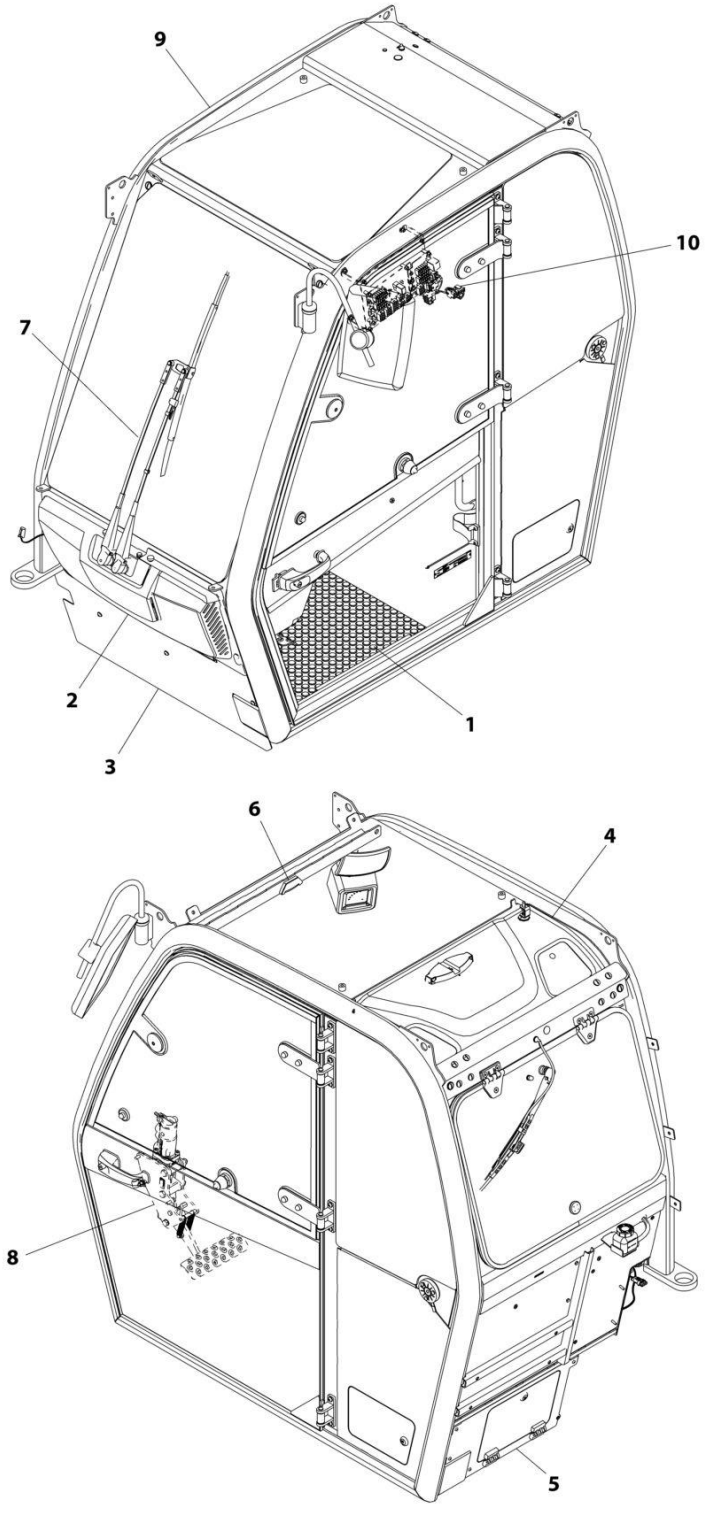
**FIGURE 6-4. CAB INSTALLATION (NO FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-4. CAB INSTALLATION (NO FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144264 | Ref | Cab Installation (no FNR Lever) | C |
| 1 | 1001146748 | Ref | Cab (no FNR Lever), (See CAB (NO FNR LEVER) for Breakdown) | |
| 2 | 1001139746 | 1 | Mat, Floor | |
| 3 | 1001142194 | Ref | Assembly, Front Cover (See FRONT COVER ASSEMBLY for Breakdown) | |
| 4 | 1001146587 | Ref | Installation, Headliner (See HEADLINER INSTALLATION for Breakdown) | |
| 5 | 1001006269 | 1 | Indicator, Level | |
| 6 | 1001168812 | Ref | Installation, Front Wiper (See FRONT WIPER INSTALLATION for Breakdown | |
| 7 | 1001142968 | Ref | Installation, Front Panel (See FRONT PANEL INSTALLATION for Breakdown) | |
| 8 | 1001148112 | Ref | Installation, Cover Panel (See COVER PANEL INSTALLATION for Breakdown) | |
| 9 | 1001139977 | Ref | Installation, Brake Pedal (See CONTROLS SECTION for Breakdown) | |

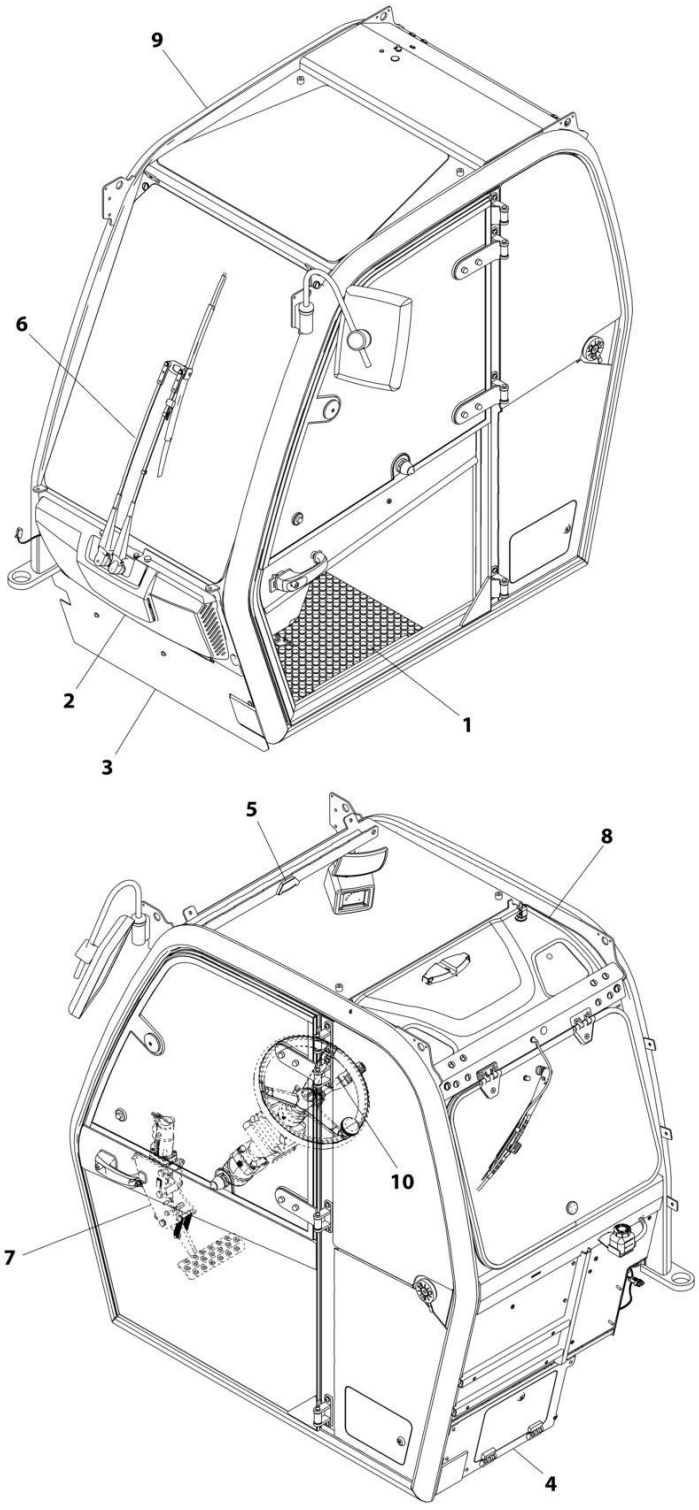
**FIGURE 6-5. CAB INSTALLATION (NO FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 6-5. CAB INSTALLATION (NO FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241945 | Ref | Cab Installation (No FNR Lever) | B |
| 1 | 1001139746 | 1 | Mat, Floor | |
| 2 | 1001142194 | Ref | Assembly, Front Cover (See FRONT COVER ASSEMBLY for Breakdown) | |
| 3 | 1001142968 | Ref | Installation, Front Panel (See FRONT PANEL INSTALLATION for Breakdown) | |
| 4 | 1001237156 | Ref | Installation, Headliner (See HEADLINER INSTALLATION for Breakdown) | |
| 5 | 1001148112 | Ref | Installation, Cover Panel (See COVER PANEL INSTALLATION for Breakdown) | |
| 6 | 8466306 | 1 | Indicator, Level | |
| 7 | 1001168812 | Ref | Installation, Front Wiper (See FRONT WIPER INSTALLATION for Breakdown) | |
| 8 | 1001206068 | Ref | Installation, Brake Pedal (See CONTROLS SECTION for Breakdown) | |
| 9 | 1001241943 | Ref | Cab (no FNR Lever), (See CAB (NO FNR LEVER) for Breakdown) | |
| 10 | 1001250717 | Ref | Installation, Worklight Jumper (See Separate Breakdown in Electrical Section) | |

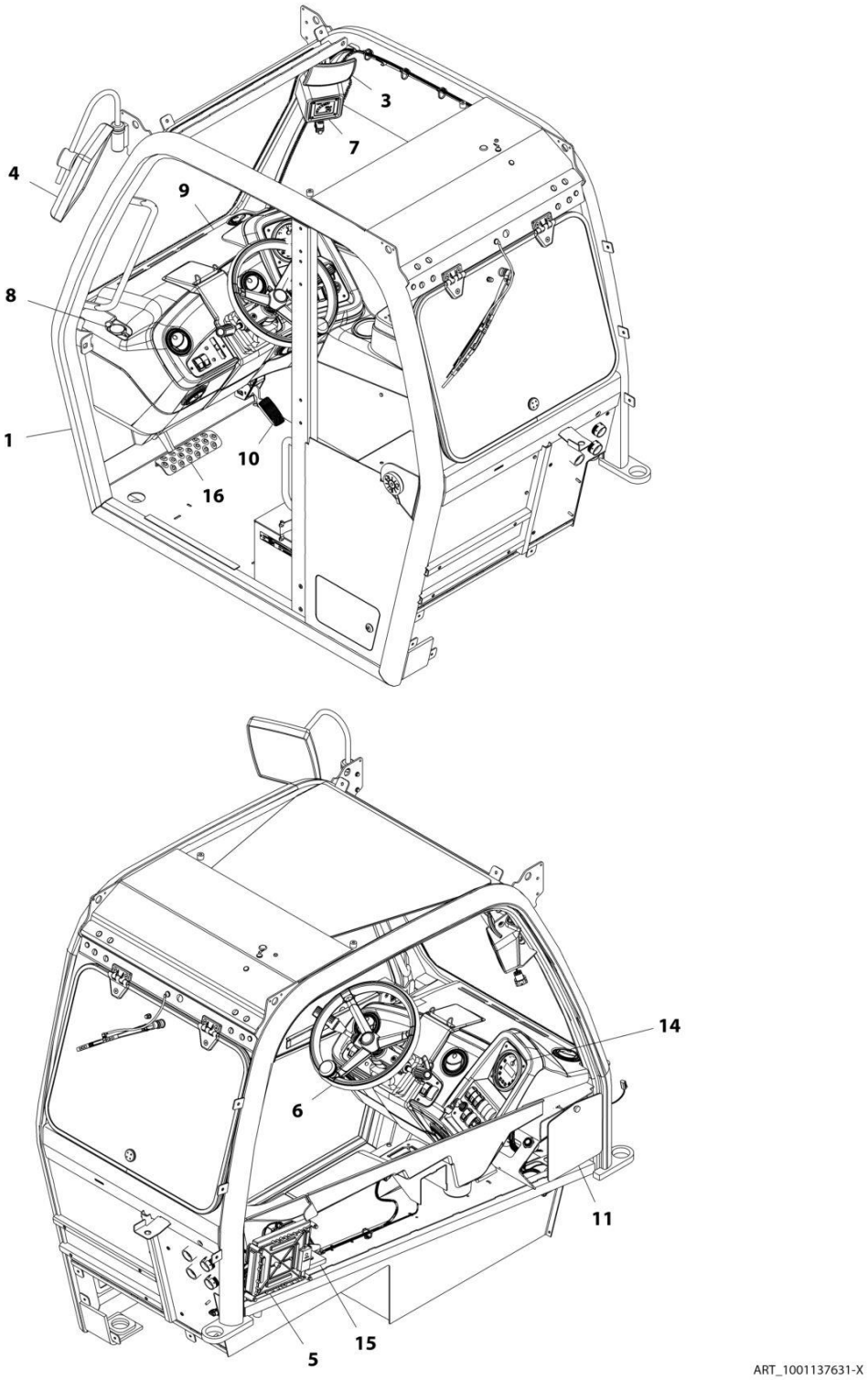
**FIGURE 6-6. CAB INSTALLATION (NO FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 6-6. CAB INSTALLATION (NO FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241972 | Ref | Cab Installation (No FNR Lever) | B |
| 1 | 1001139746 | 1 | Mat, Floor | |
| 2 | 1001142194 | Ref | Assembly, Front Cover (See Separate Breakdown in this Section) | |
| 3 | 1001142968 | Ref | Installation, Front Panel (See Separate Breakdown in this Section) | |
| 4 | 1001148112 | Ref | Installation, Cover Panel (See Separate Breakdown in this Section) | |
| 5 | 8466306 | 1 | Indicator, Level | |
| 6 | 1001168812 | Ref | Installation, Front Wiper (See Separate Breakdown in this Section) | |
| 7 | 1001206068 | Ref | Installation, Brake Pedal (See Separate Breakdown in CONTROLS Section) | |
| 8 | 1001237156 | Ref | Installation, Headliner (See Separate Breakdown in this Section) | |
| 9 | 1001241968 | Ref | Cab (See Separate Breakdown in this Section) | |
| 10 | 1001248290 | Ref | Installation, Steering Column Switch (See Separate Breakdown in CONTROLS Section) | |

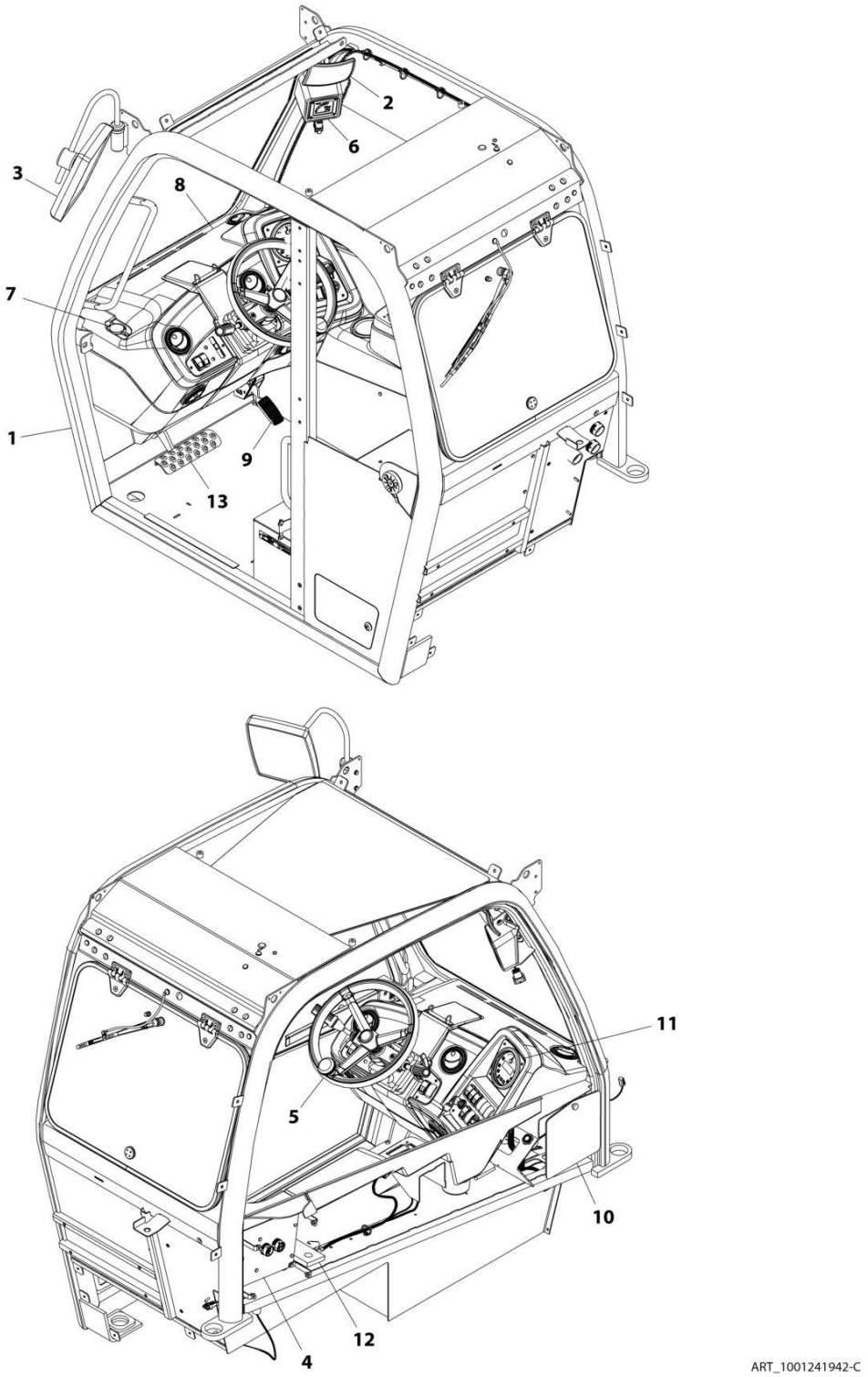
**FIGURE 6-7. CAB (FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-7. CAB (FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001137631 | 1 | Cab (FNR Lever) | X |
| 1 | 1001137632 | Ref | Assembly, Cab (See CAB ASSEMBLY for Breakdown) **(SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)** | |
| 1 | 1001242555 | Ref | Assembly, Cab (See CAB ASSEMBLY for Breakdown) **(SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)** | |
| 3 | 1001139724 | Ref | Mirror, Interior (See INTERIOR MIRROR for Breakdown) | |
| 4 | 1001139220 | Ref | Installation, Mirror (See MIRROR INSTALLATION for Breakdown) | |
| 5 | 1001138199 | Ref | Installation, Cab Wiring (See ELECTRICAL SECTION for Breakdown) | |
| 6 | 1001139769 | Ref | Installation, Steering Column (See CONTROLS SECTION for Breakdown) | |
| 7 | 1001145867 | Ref | Installation, LSI (See ELECTRICAL SECTION for Breakdown) | |
| 8 | 1001141155 | Ref | Installation, Front Wiper (See FRONT WIPER INSTALLATION for Breakdown) | |
| 9 | 1001142093 | Ref | Installation, Trim (See TRIM INSTALLATION for Breakdown) | |
| 10 | 1001145317 | Ref | Installation, Accelerator Pedal (See CONTROLS SECTION for Breakdown) | |
| 11 | 1001148508 | Ref | Installation, Cover Panel (See COVER PANEL INSTALLATION for Breakdown) | |
| 14 | 1001148541 | Ref | Installation, Dash Electrics (See ELECTRICAL SECTION for Breakdown) | |
| 15 | 1001163111 | Ref | Installation, Gasket (See GASKET INSTALLATION for Breakdown) | |
| 16 | 1001185594 | Ref | Installation, Brake Pedal Prep (See CONTROLS SECTION for Breakdown) | |

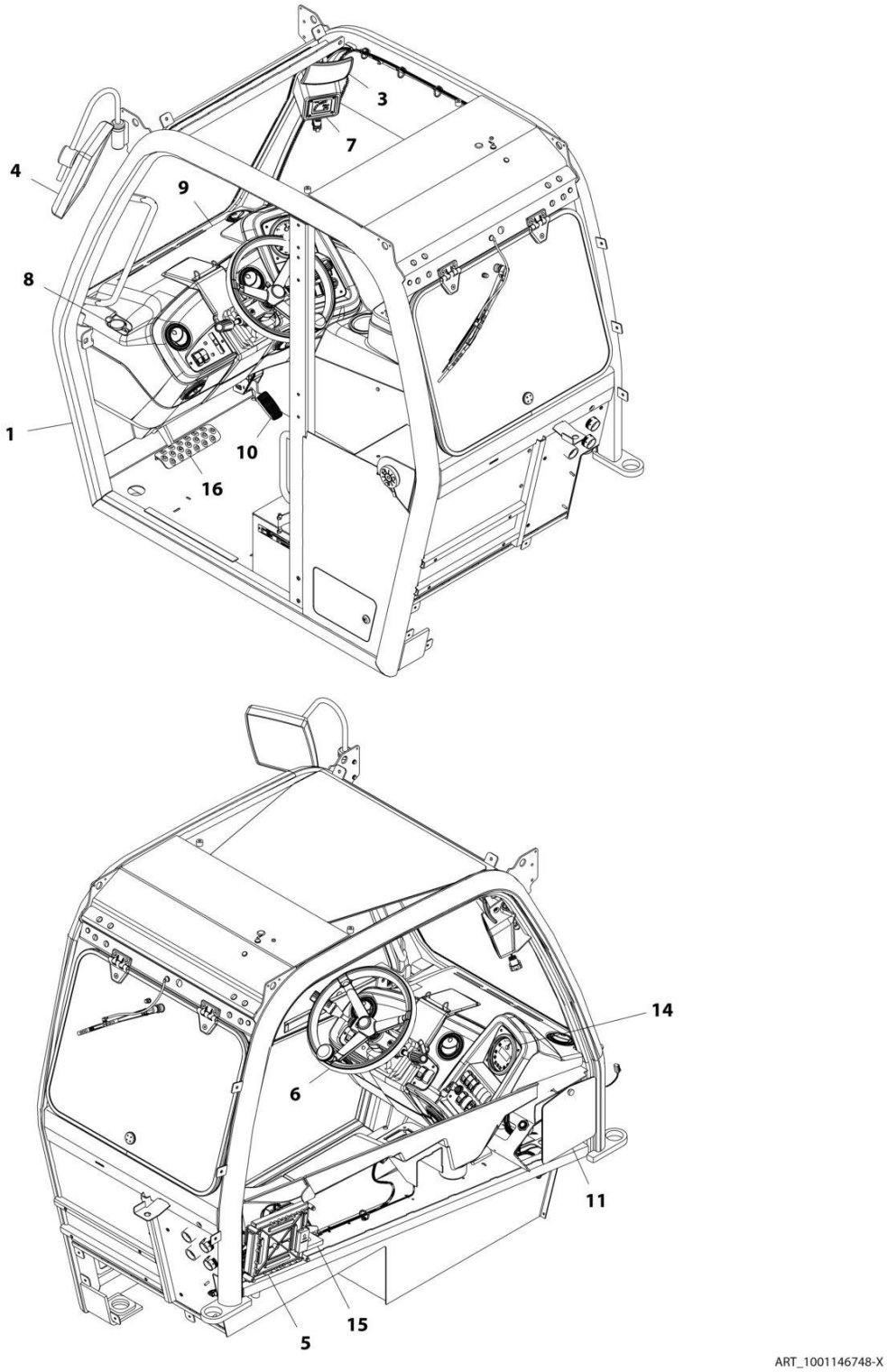
**FIGURE 6-8. CAB (FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 6-8. CAB (FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241942 | Ref | Cab (FNR Lever) | C |
| 1 | 1001242555 | Ref | Assembly, Cab (See Separate Breakdown in this Section) | |
| 2 | 1001139724 | Ref | Mirror, Interior (See Separate Breakdown in this Section) | |
| 3 | 1001139220 | Ref | Installation, Mirror (See Separate Breakdown in this Section) | |
| 4 | 1001237861 | Ref | Installation, Cab Wiring (See Separate Breakdown in Electrical Section) | |
| 5 | 1001212939 | Ref | Installation, Steering Column (See Separate Breakdown in Controls Section) | |
| 6 | 1001145867 | Ref | Installation, LSI (See Separate Breakdown in Electrical Section) | |
| 7 | 1001141155 | Ref | Installation, Front Wiper (See Separate Breakdown in this Section) | |
| 8 | 1001241676 | Ref | Installation, Trim (See Separate Breakdown in this Section) | |
| 9 | 1001145317 | Ref | Installation, Accelerator Pedal (See Separate Breakdown in Controls Section) | |
| 10 | 1001148508 | Ref | Installation, Cover Panel (See Separate Breakdown in this Section) | |
| 11 | 1001241832 | Ref | Installation, Dash Electrical (See Separate Breakdown in Electrical Section) | |
| 12 | 1001163111 | Ref | Installation, Gasket (See Separate Breakdown in this Section) | |
| 13 | 1001211860 | Ref | Installation, Brake Pedal (See Separate Breakdown in Controls Section) | |

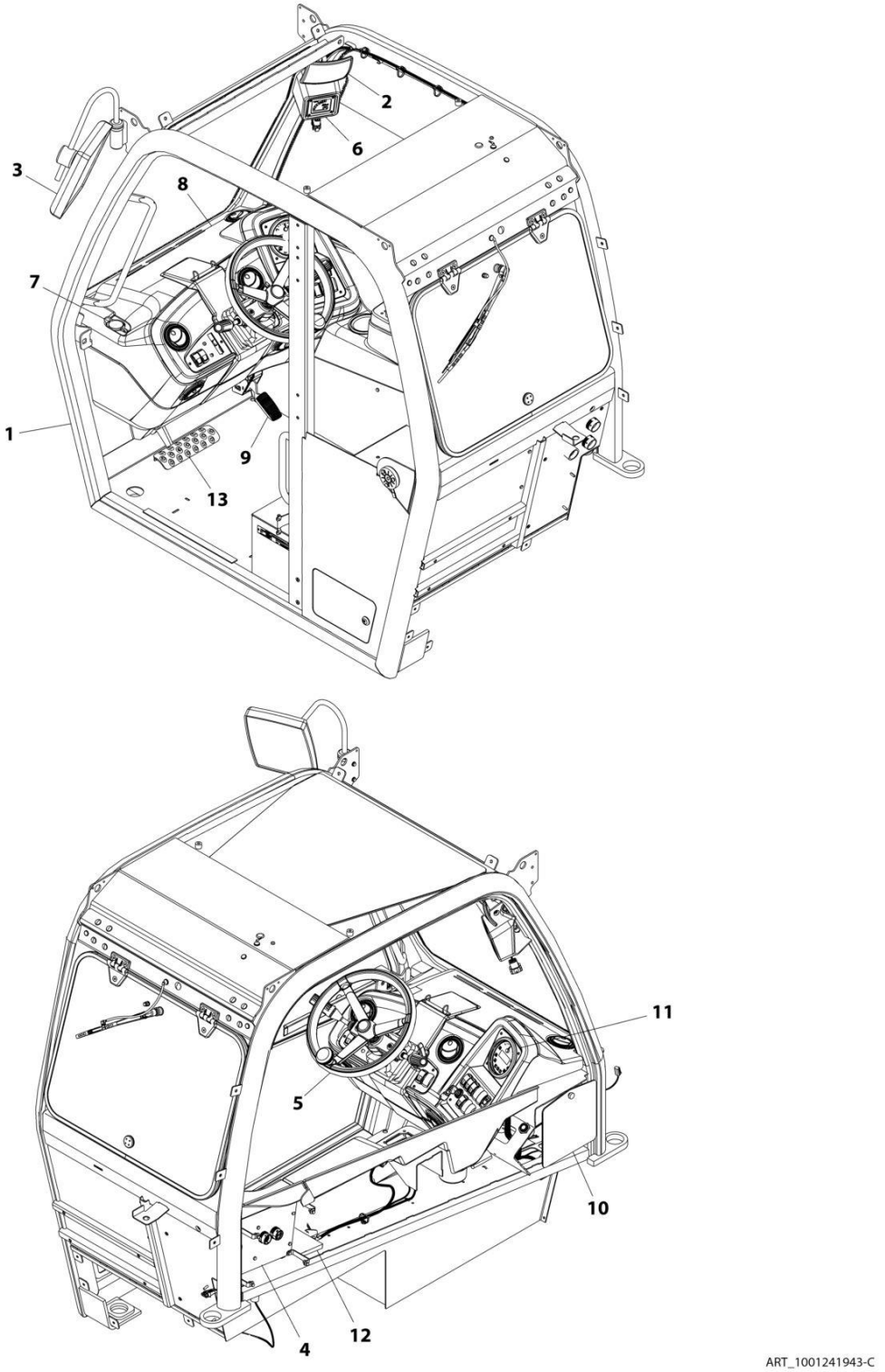
**FIGURE 6-9. CAB (NO FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-9. CAB (NO FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146748 | 1 | Cab (No FNR Lever) | X |
| 1 | 1001137632 | Ref | Assembly, Cab (See CAB ASSEMBLY for Breakdown) | |
| 3 | 1001139724 | Ref | Mirror, Interior (See INTERIOR MIRROR for Breakdown) | |
| 4 | 1001139220 | Ref | Installation, Mirror (See MIRROR INSTALLATION for Breakdown) | |
| 5 | 1001138199 | Ref | Installation, Cab Wiring (See ELECTRICAL SECTION for Breakdown) | |
| 6 | 1001146584 | Ref | Installation, Steering Column (See CONTROLS SECTION for Breakdown) | |
| 7 | 1001145867 | Ref | Installation, LSI (See ELECTRICAL SECTION for Breakdown) | |
| 8 | 1001141155 | Ref | Installation, Front Wiper (See FRONT WIPER INSTALLATION for Breakdown) | |
| 9 | 1001142093 | Ref | Installation, Trim (See TRIM INSTALLATION for Breakdown) | |
| 10 | 1001145317 | Ref | Installation, Accelerator Pedal (See CONTROLS SECTION for Breakdown) | |
| 11 | 1001148508 | Ref | Installation, Cover Panel (See COVER PANEL INSTALLATION for Breakdown) | |
| 14 | 1001148541 | Ref | Installation, Dash Electrics (See ELECTRICAL SECTION for Breakdown) | |
| 15 | 1001163111 | Ref | Installation, Gasket (See GASKET INSTALLATION for Breakdown) | |
| 16 | 1001185594 | Ref | Installation, Brake Pedal Prep, (See CONTROLS SECTION for Breakdown) | |

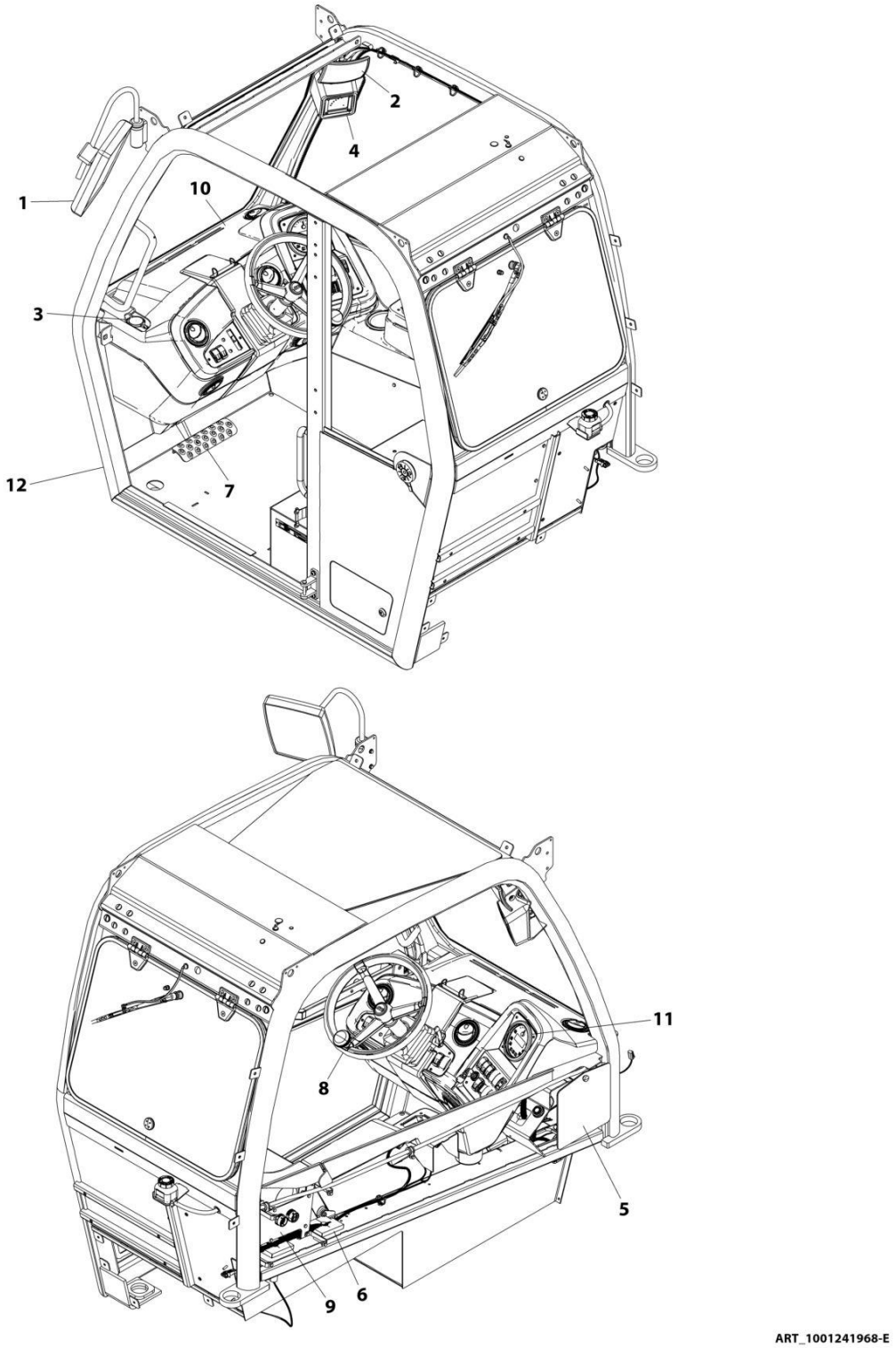
**FIGURE 6-10. CAB (NO FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 6-10. CAB (NO FNR LEVER) (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E16 0000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241943 | Ref | Cab (No FNR Lever) | C |
| 1 | 1001242555 | Ref | Assembly, Cab (See Separate Breakdown in this Section) | |
| 2 | 1001139724 | Ref | Mirror, Interior (See Separate Breakdown in this Section) | |
| 3 | 1001139220 | Ref | Installation, Mirror (See Separate Breakdown in this Section) | |
| 4 | 1001237861 | Ref | Installation, Cab Wiring (See Separate Breakdown in Electrical Section) | |
| 5 | 1001212940 | Ref | Installation, Steering Column (See Separate Breakdown in Controls Section) | |
| 6 | 1001145867 | Ref | Installation, LSI (See Separate Breakdown in Electrical Section) | |
| 7 | 1001141155 | Ref | Installation, Front Wiper (See Separate Breakdown in this Section) | |
| 8 | 1001241676 | Ref | Installation, Trim (See Separate Breakdown in this Section) | |
| 9 | 1001145317 | Ref | Installation, Accelerator Pedal (See Separate Breakdown in Controls Section) | |
| 10 | 1001148508 | Ref | Installation, Cover Panel (See Separate Breakdown in this Section) | |
| 11 | 1001241832 | Ref | Installation, Dash Electrical (See Separate Breakdown in Electrical Section) | |
| 12 | 1001163111 | Ref | Installation, Gasket (See Separate Breakdown in this Section) | |
| 13 | 1001211860 | Ref | Installation, Brake Pedal (See Separate Breakdown in Controls Section) | |

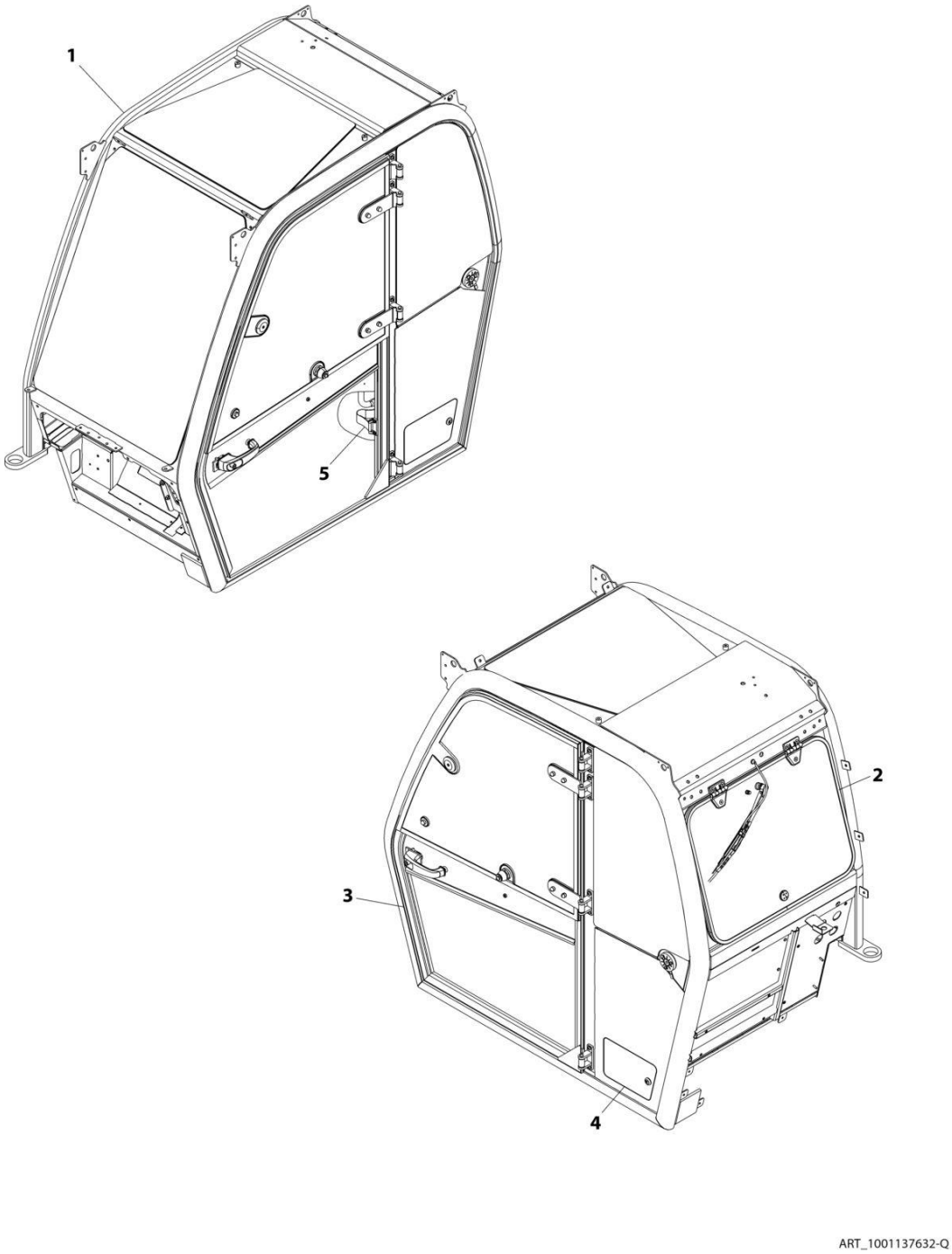
**FIGURE 6-11. CAB (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 6-11. CAB (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241968 | Ref | Cab Assembly | E |
| 1 | 1001139220 | Ref | Installation, Mirror (See Separate Breakdown in this Section) | |
| 2 | 1001139724 | Ref | Mirror, Interior (See Separate Breakdown in this Section) | |
| 3 | 1001141155 | Ref | Installation, Front Wiper (See Separate Breakdown in this Section) | |
| 4 | 1001145867 | Ref | Installation, LSI (See Separate Breakdown in ELECTRICAL Section) | |
| 5 | 1001148508 | Ref | Installation, Cover Panel (See Separate Breakdown in this Section) | |
| 6 | 1001163111 | Ref | Installation, Gasket (See Separate Breakdown in this Section) | |
| 7 | 1001211860 | Ref | Installation, Brake Pedal (See Separate Breakdown in CONTROLS Section) | |
| 8 | 1001248293 | Ref | Installation, Steering Column (See Separate Breakdown in CONTROLS Section) | |
| 9 | 1001248752 | Ref | Installation, Cab Electrical (See Separate Breakdown in ELECTRICAL Section) | |
| 10 | 1001249676 | Ref | Installation, Trim (See Separate Breakdown in this Section) | |
| 11 | 1001241832 | Ref | Installation, Dash Electrical (See Separate Breakdown in ELECTRICAL Section) | |
| 12 | 1001242555 | Ref | Assembly, Cab (See Separate Breakdown in this Section) | |

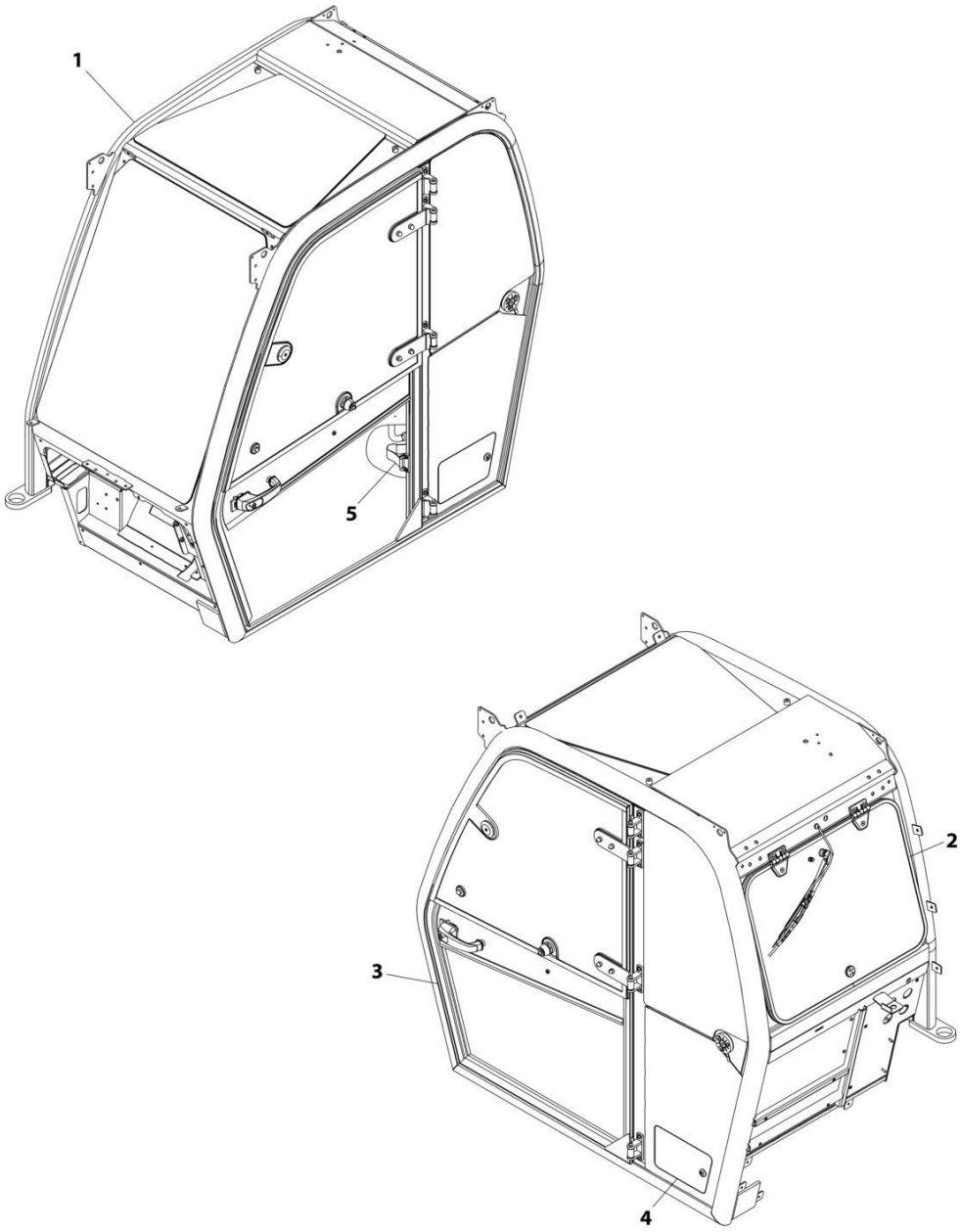
**FIGURE 6-12. CAB ASSEMBLY (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-12. CAB ASSEMBLY (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001137632 | 1 | Cab Assembly | Q |
| 1 | 1001137633 | 1 | Cab (See CAB for Breakdown) | |
| 2 | 1001139569 | 1 | Installation, Rear Window (See REAR WINDOW INSTALLATION for Breakdown) | |
| 3 | 1001142189 | 1 | Installation, Cab Door (See CAB DOOR INSTALLATION for Breakdown) | |
| 4 | 1001142190 | 1 | Installation, Fuel Door (See FUEL DOOR INSTALLATION for Breakdown) | |
| 5 | 1001142712 | 1 | Installation, Door Strap (See DOOR STRAP INSTALLATION for Breakdown) | |

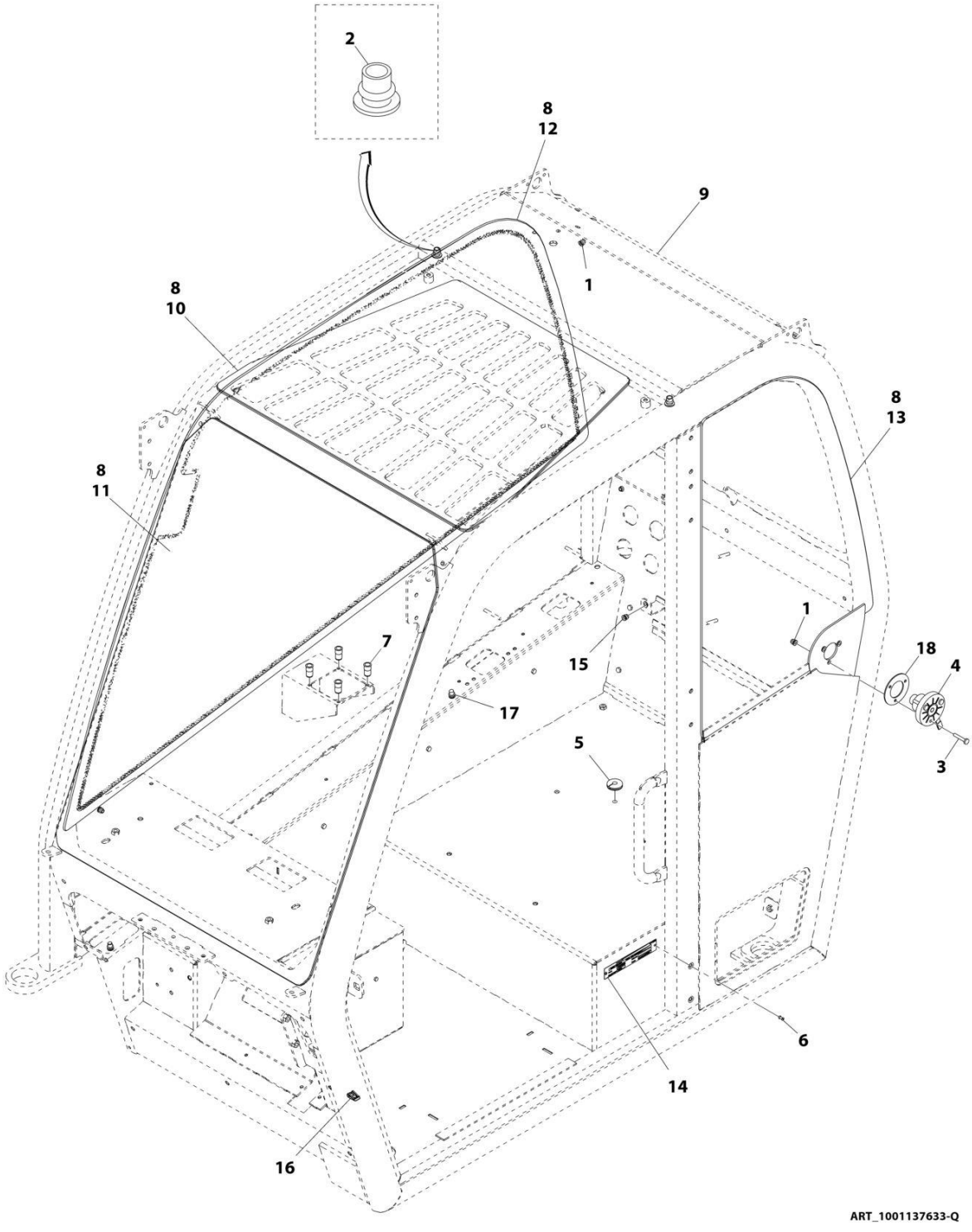
**FIGURE 6-13. CAB ASSEMBLY (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-13. CAB ASSEMBLY (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001242555 | Ref | Cab Group | B |
| 1 | 1001137633 | 1 | Cab (See Separate Breakdown in this Section) | |
| 2 | 1001139569 | 1 | Installation, Rear Window (See Separate Breakdown in this Section) | |
| 3 | 1001142189 | 1 | Installation, Cab Door (See Separate Breakdown in this Section) | |
| 4 | 1001142190 | 1 | Installation, Fuel Door (See Separate Breakdown in this Section) | |
| 5 | 1001142712 | 1 | Installation, Door Strap (See Separate Breakdown in this Section) | |

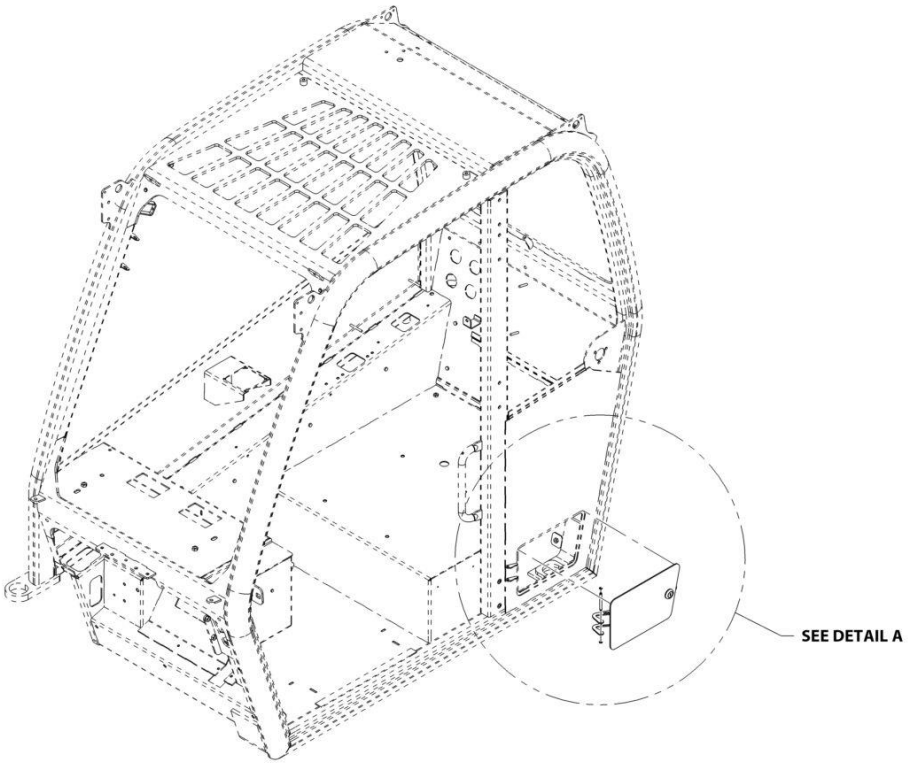
**FIGURE 6-14. CAB**

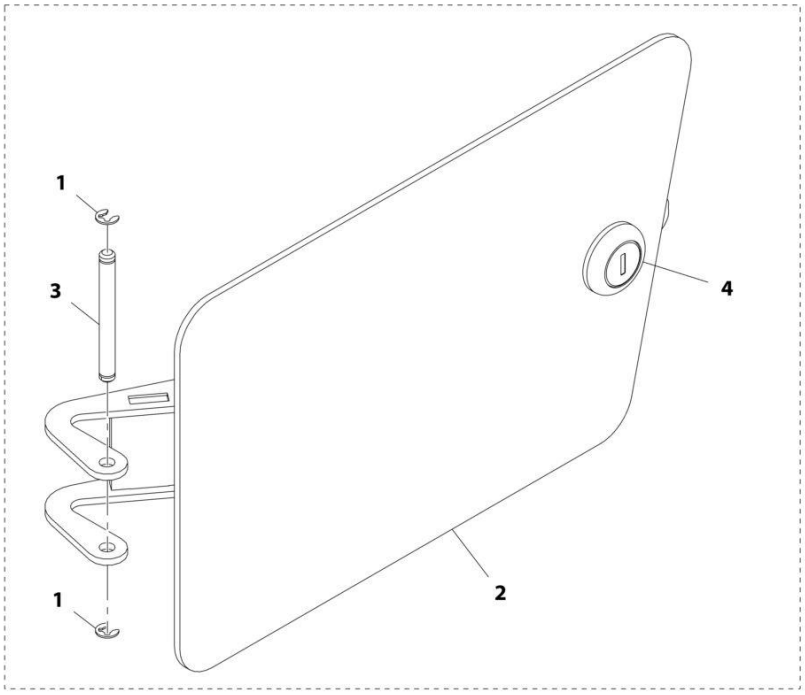


## FIGURE 6-14. CAB

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001137633 | 1 | Cab | P |
| 1 | 2080087 | 9 | Rivnut, M8X1.25 | |
| 2 | 2080088 | 2 | Rivnut, M8X1.25 | |
| 3 | 4010615 | 3 | Screw, M6X35 | |
| 4 | 1001002958 | 1 | Retainer, Hold Open Door | |
| 5 | 1001008469 | 1 | Grommet | |
| 6 | 1001099170 | 2 | Rivet, 4MM | |
| 7 | 1001100691 | 4 | Nut | |
| 8 | 1001111317 | AR | Adhesive, Window Sealant | |
| 9 | N.S.S. | 1 | Weldment, Cab | |
| 10 | 1001139465 | 1 | Glass, Roof | |
| 11 | 1001139466 | 1 | Glass, Window | |
| 12 | 1001139467 | 1 | Glass, RH Screen | |
| 13 | 1001139468 | 1 | Glass, LH Screen | |
| 14 | N.S.S. | 1 | Plate, Serial Number | |
| 15 | 2080086 | 4 | Rivnut, M6X1 | |
| 16 | 8305919 | 3 | Nut, M6 | |
| 17 | 1001167028 | 3 | Rivnut, M6X1.00 | |
| 18 | 1001169810 | 1 | Grommet | |

## FIGURE 6-15. FUEL DOOR INSTALLATION



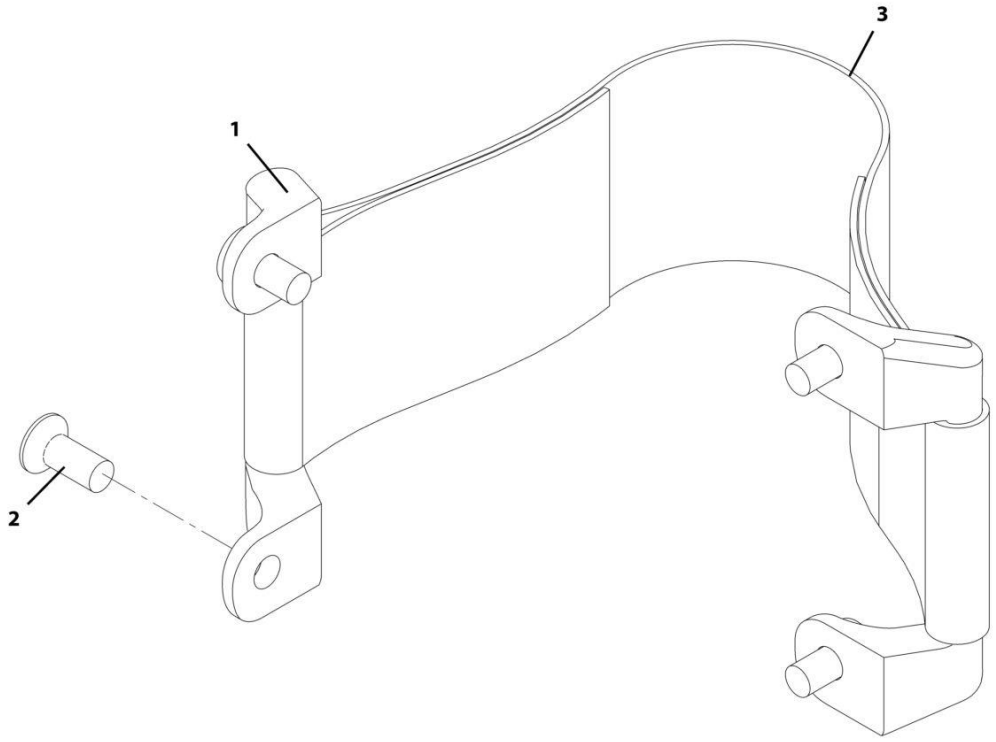

DETAIL A

ART_1001142190-F

## FIGURE 6-15. FUEL DOOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142190 | Ref | Fuel Door Installation | F |
| 1 | 1001163909 | 2 | Clip | |
| 2 | 1001141853J | 1 | Plate | |
| 3 | 1001163627 | 1 | Pin | |
| 4 | 1001142782 | 1 | Lock | |

## FIGURE 6-16. DOOR STRAP INSTALLATION

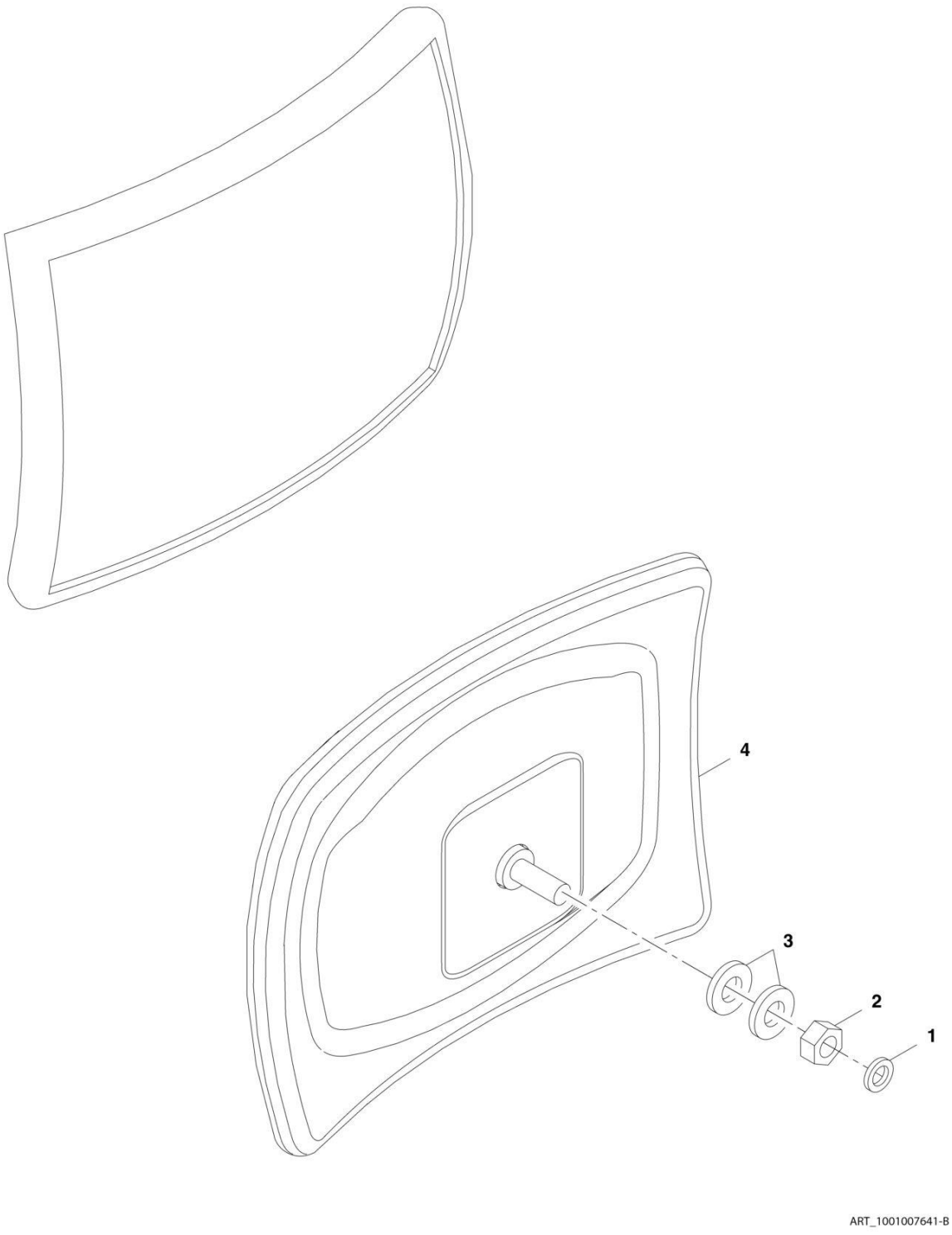



ART_1001142712-D

## FIGURE 6-16. DOOR STRAP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142712 | Ref | Door Strap Installation | D |
| 1 | 8001332 | NLA | Bracket, Strap Holder (no longer available, use 1001230163 for replacement) | |
| 1 | 1001230163 | 2 | Bracket, Strap Holder | |
| 2 | 1001133089 | 4 | Screw, M5X12 | |
| 3 | 1001142675 | 1 | Strap, Door Hold Open | |

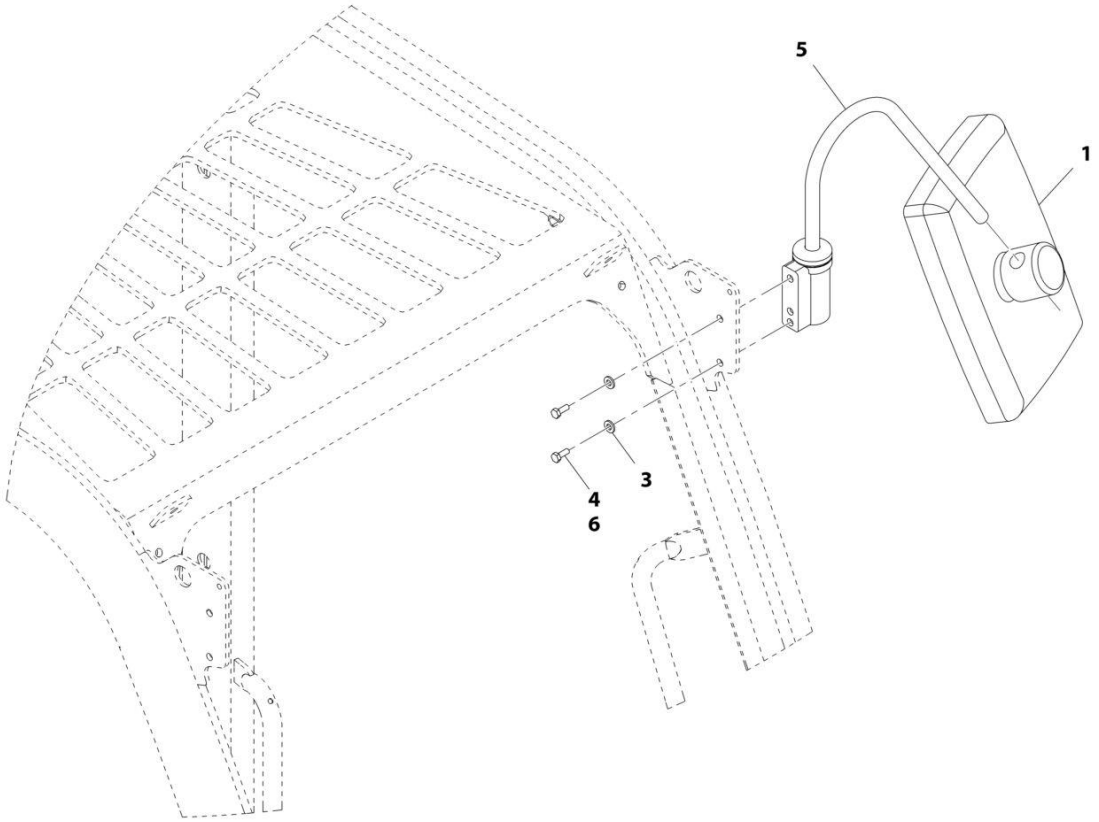
## FIGURE 6-17. INTERIOR MIRROR



## FIGURE 6-17. INTERIOR MIRROR

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001007641 | 1 | Mirror, Interior | B |
| 1 | 1001008475 | 1 | Washer, Lock 12 | |
| 2 | 1001008604 | 1 | Nut | |
| 3 | 1001009124 | 2 | Washer | |
| 4 | 1001010839 | 1 | MIRROR | |

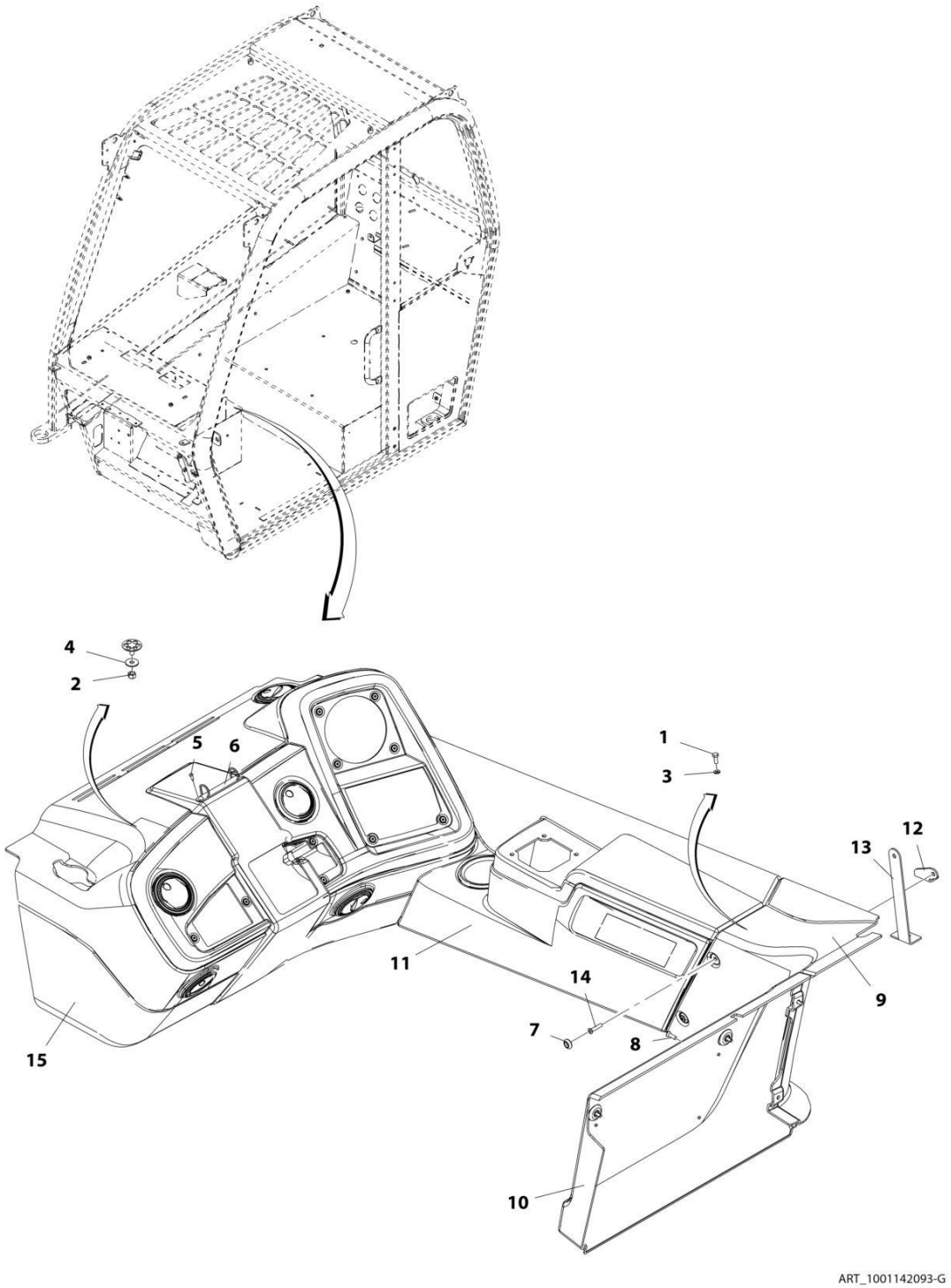
## FIGURE 6-18. MIRROR INSTALLATION



## FIGURE 6-18. MIRROR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139220 | Ref | Mirror Installation | E |
| 1 | 1001142726 | 1 | Mirror, Convex | |
| 3 | 1001009124 | 2 | Washer | |
| 4 | 1001095650 | AR | Compound, Locking | |
| 5 | 1001142727 | 1 | Bracket, Cab Mirror | |
| 6 | 1001008608 | 2 | Bolt | |

**FIGURE 6-19. TRIM INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-19. TRIM INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142093 | Ref | Trim Installation | G |
| 1 | 0760608 | 4 | Bolt, M6X16 | |
| 2 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4811902 | 2 | Washer, M8 | |
| 5 | 7029486 | 2 | Screw | |
| 6 | 1001005960 | 1 | Holder | |
| 7 | 1001098150 | 9 | Washer, Nylon M6 | |
| 8 | 1001132564 | 7 | Screw, M6X20 | |
| 9 | 1001185731 | 1 | Cover, Side-Rear | |
| 10 | 1001147459 | 1 | Cover, Rear | |
| 11 | 1001185730 | 1 | Cover, Side-Rear | |
| 12 | 1001148598 | 1 | Plate | |
| 13 | 1001148836 | 1 | Plate | |
| 14 | 1001149125 | 2 | Screw, M6X30 | |
| 15 | 1001149277 | 1 | Cover, Dash | |

**FIGURE 6-20. TRIM INSTALLATION (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

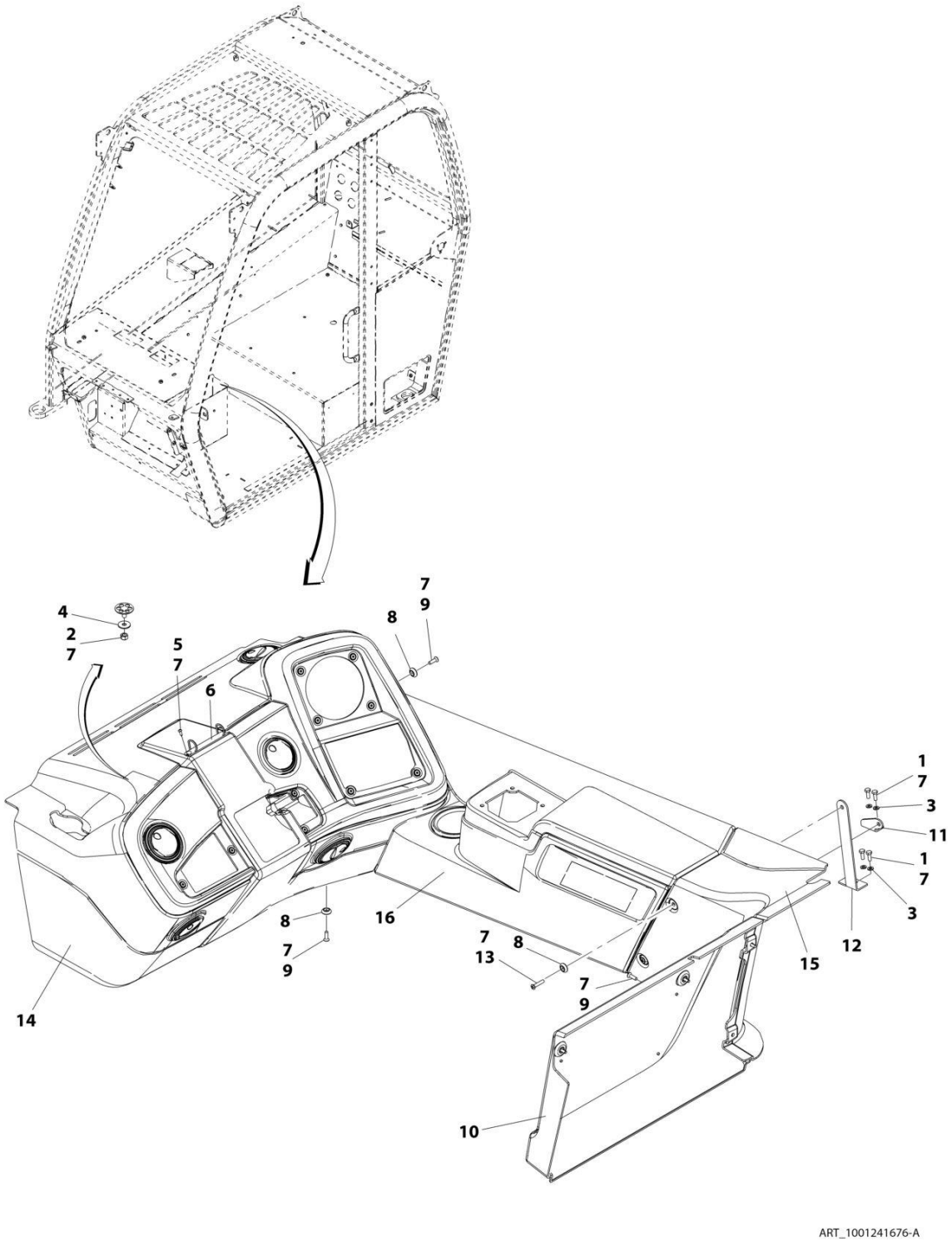
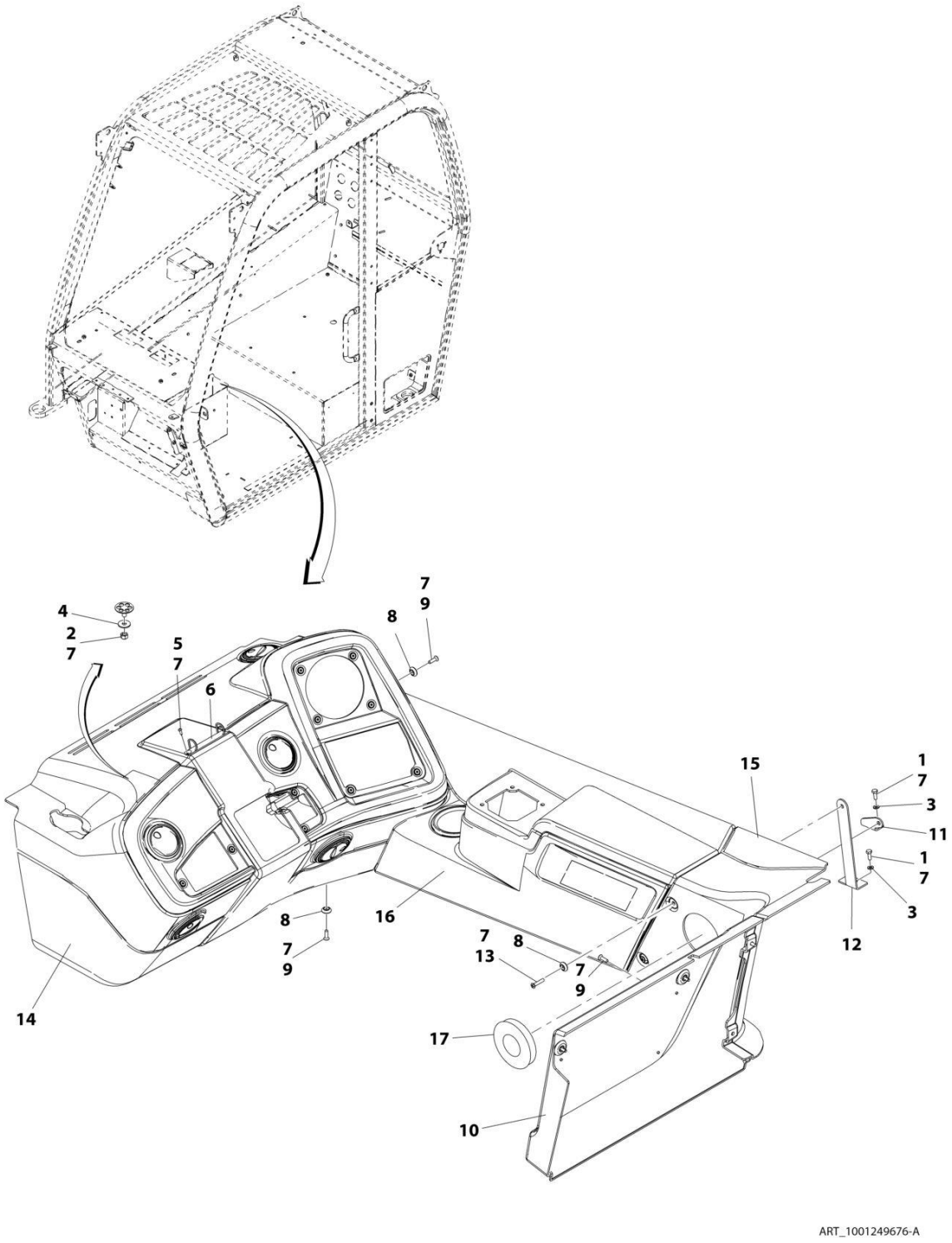


**FIGURE 6-20. TRIM INSTALLATION (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241676 | Ref | Trim Installation | A |
| 1 | 0760608 | 4 | Bolt, M6X16 | |
| 2 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4811902 | 2 | Washer, M8 | |
| 5 | 7029486 | 2 | Screw | |
| 6 | 1001005960 | 1 | Holder | |
| 7 | 1001095650 | AR | Compound, Locking | |
| 8 | 1001098150 | 9 | Washer, Nylon M6 | |
| 9 | 1001132564 | 7 | Screw, M6X20 | |
| 10 | 1001147459 | 1 | Cover, Rear | |
| 11 | 1001148598 | 1 | Plate | |
| 12 | 1001148836 | 1 | Plate | |
| 13 | 1001149125 | 2 | Screw, M6X30 | |
| 14 | 1001149277 | 1 | Cover, Dash | |
| 15 | 1001185731 | 1 | Cover, Side-Rear | |
| 16 | 1001241563 | 1 | Cover, Side-Rear | |

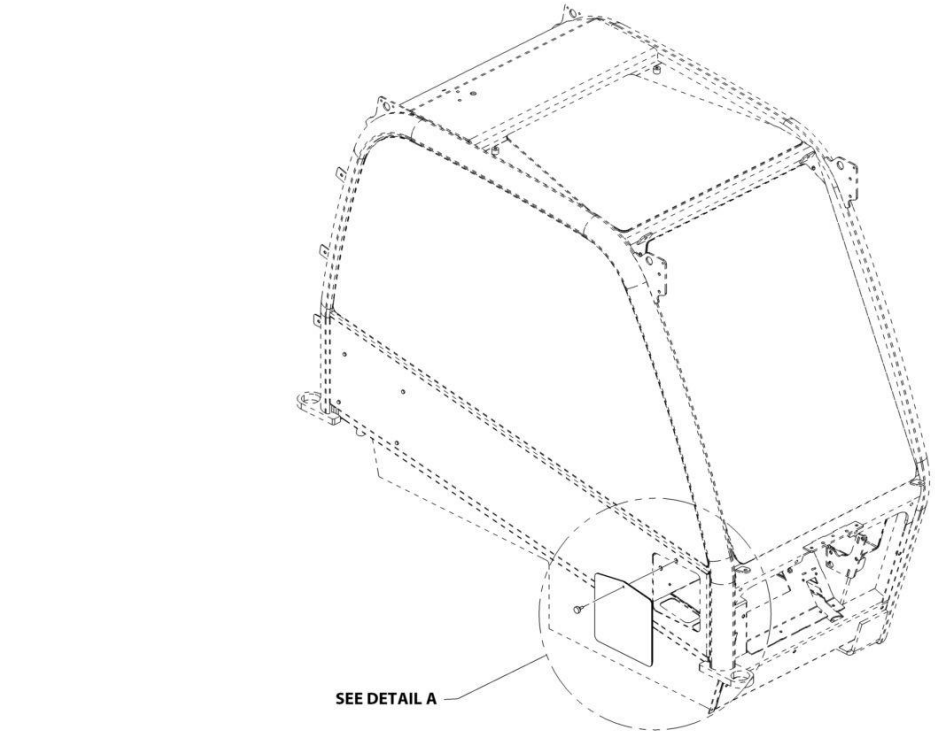
**FIGURE 6-21. TRIM INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

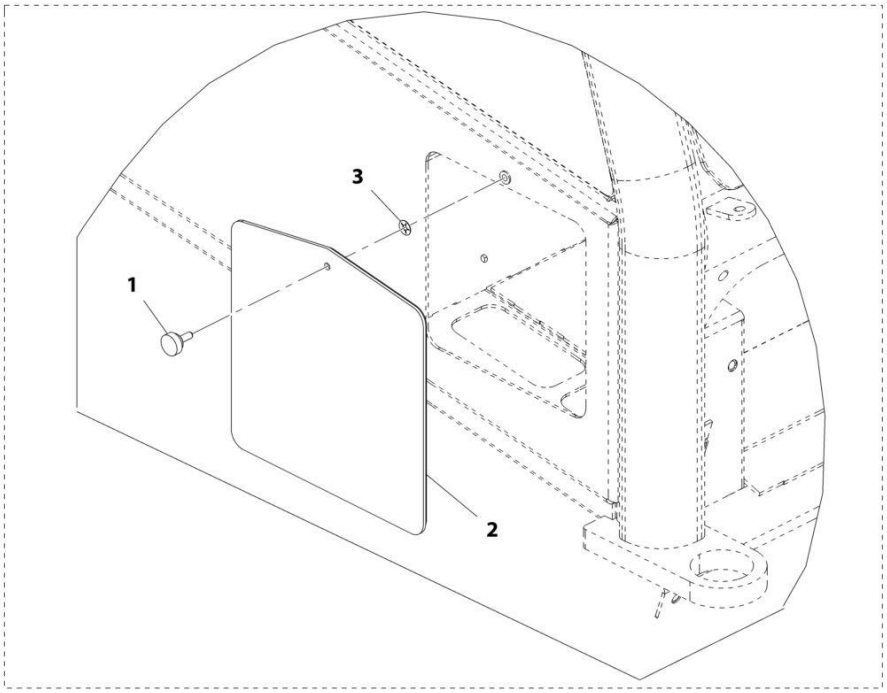


## FIGURE 6-21. TRIM INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001249676 | Ref | Trim Installation | A |
| 1 | 0760608 | 4 | Bolt, M6X16 | |
| 2 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4811902 | 2 | Washer, M8 | |
| 5 | 7029486 | 2 | Screw | |
| 6 | 1001005960 | 1 | Holder | |
| 7 | 1001095650 | AR | Compound, Locking | |
| 8 | 1001098150 | 9 | Washer, Nylon M6 | |
| 9 | 1001132564 | 7 | Screw, M6X20 | |
| 10 | 1001147459 | 1 | Cover, Rear | |
| 11 | 1001148598 | 1 | Plate | |
| 12 | 1001148836 | 1 | Plate | |
| 13 | 1001149125 | 2 | Screw, M6X30 | |
| 14 | 1001149277 | 1 | Cover, Dash | |
| 15 | 1001249262 | 1 | Cover, Side-Rear | |
| 16 | 1001241563 | 1 | Cover, Side-Rear | |
| 17 | 1120601 | 1 | Cap, Plug | |

## FIGURE 6-22. COVER PANEL INSTALLATION



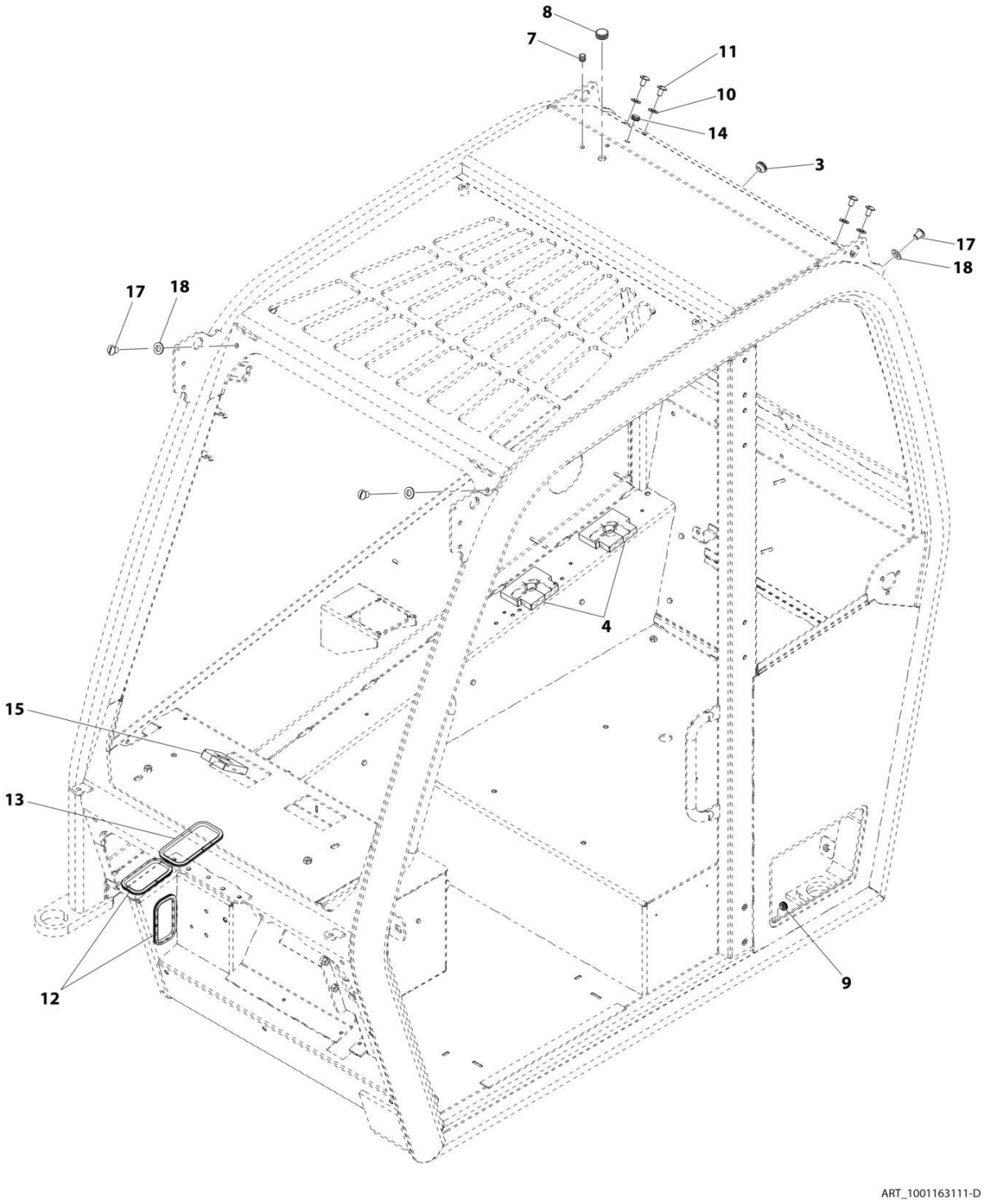

DETAIL A

ART_1001148508-D

## FIGURE 6-22. COVER PANEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148508 | Ref | Cover Panel Installation | D |
| 1 | 2080092 | 1 | Screw, Thumb M6X16 | |
| 2 | 1001148510 | 1 | Plate, Cover | |
| 3 | 1001148557 | 1 | Washer, Star | |

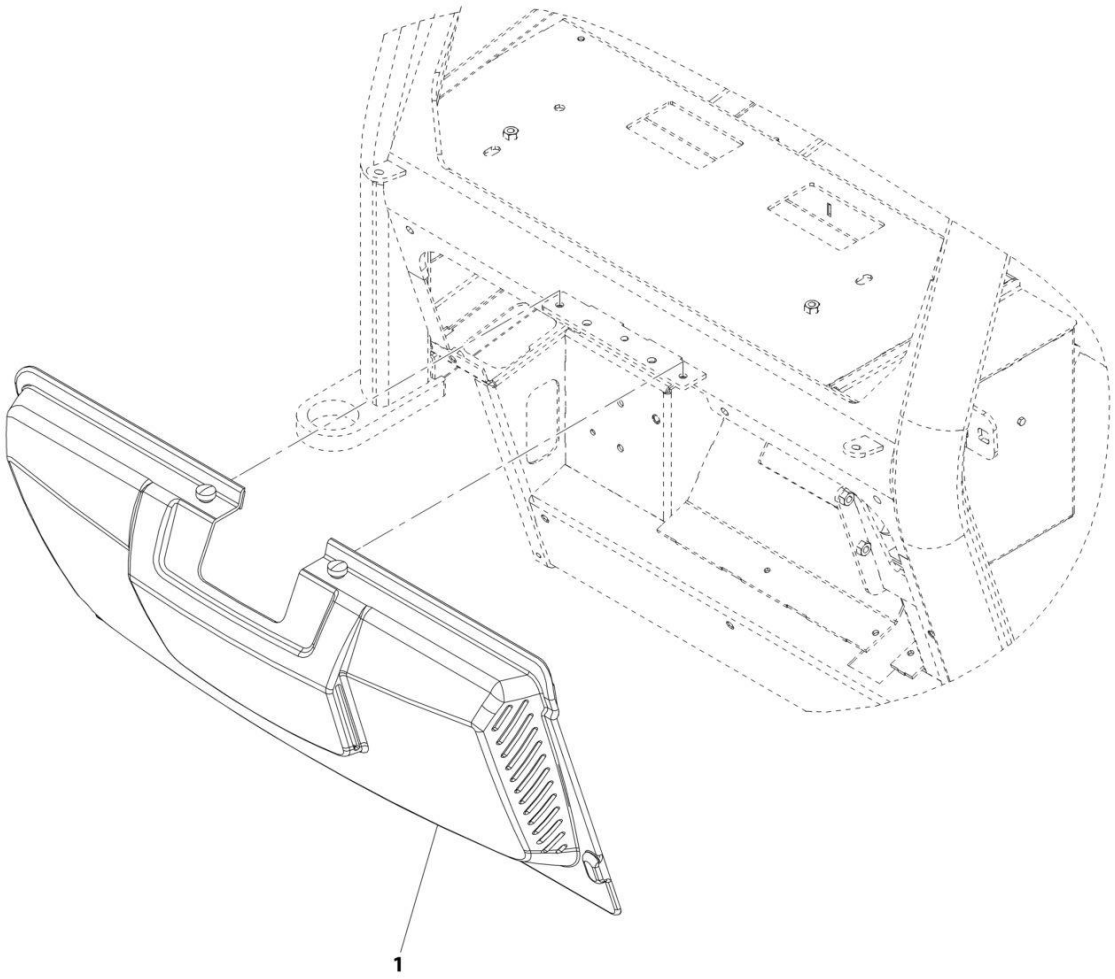
## FIGURE 6-23. GASKET INSTALLATION



## FIGURE 6-23. GASKET INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001163111 | Ref | Gasket Installation | C |
| 3 | 1001143200 | 1 | Cap | |
| 4 | 1001163076 | 2 | Seal, Gasket | |
| 7 | 1001176272 | 2 | Cap | |
| 8 | 1001176273 | 1 | Cap | |
| 9 | 1001176323 | 1 | Cap | |
| 10 | 1001176340 | 8 | Washer | |
| 11 | 1001176341 | 8 | Screw | |
| 12 | 1001176324 | 2 | Seal | |
| 13 | 1001176325 | 1 | Seal | |
| 14 | 1001176626 | 1 | Cap | |
| 15 | 1001176695 | 1 | Seal, Gasket | |
| 16 | 1001176854 | 4 | Cap | |

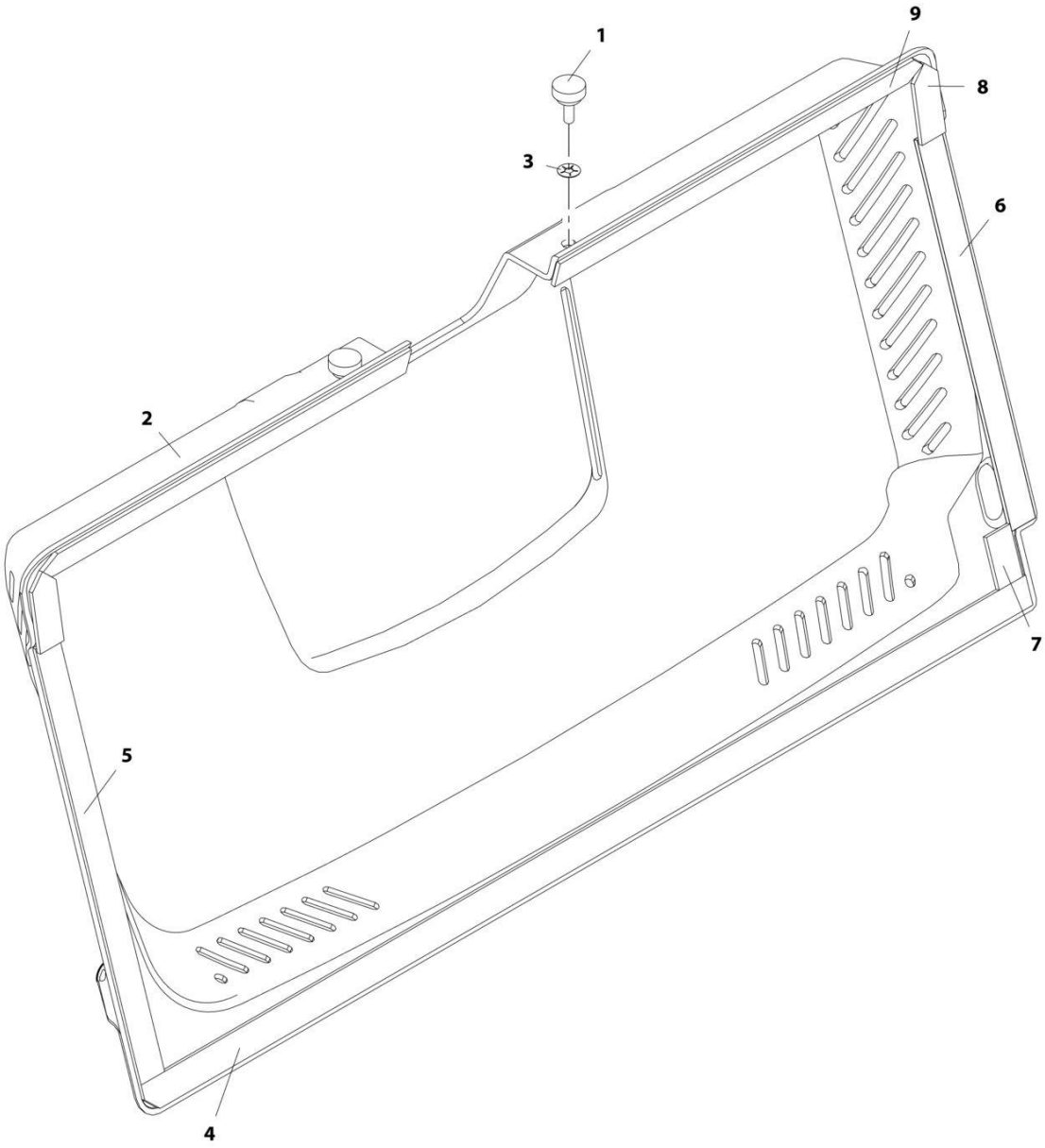
## FIGURE 6-24. FRONT COVER INSTALLATION



## FIGURE 6-24. FRONT COVER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142194 | Ref | Front Cover Installation | B |
| 1 | 1001149136 | 1 | Front Cover Assembly (See Separate Breakdown in this Section) | |

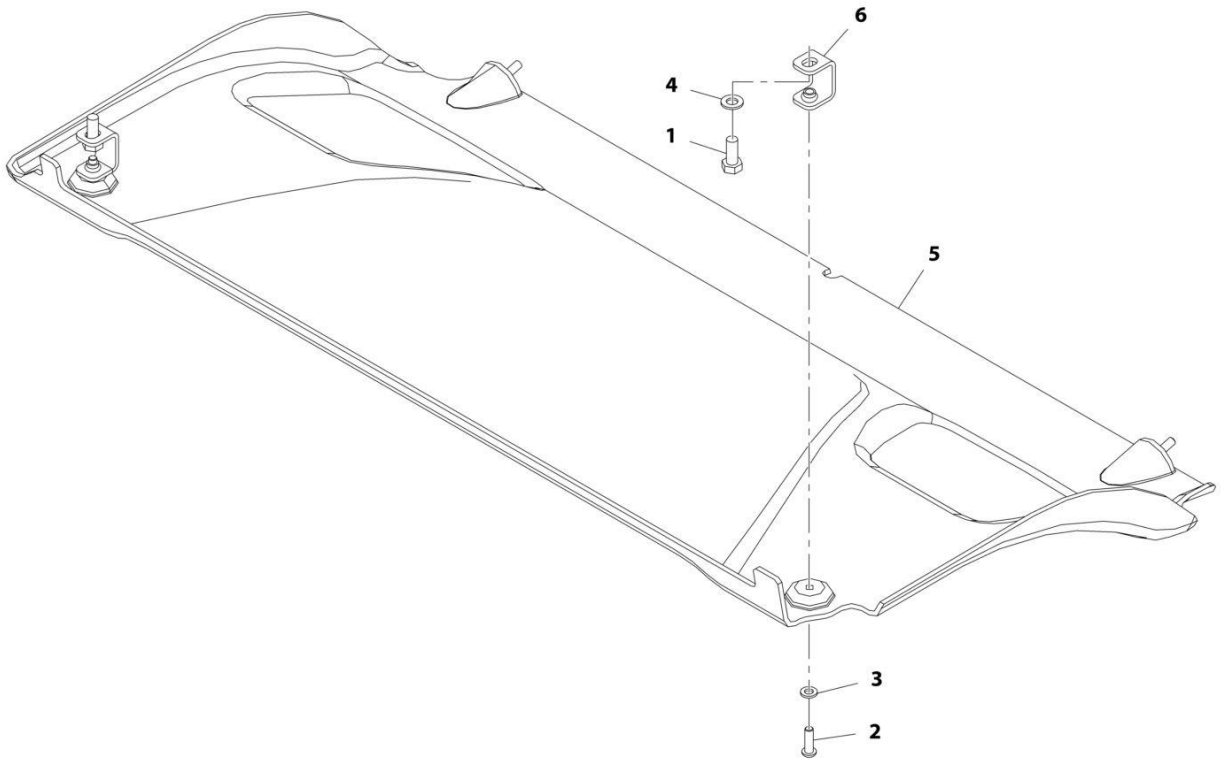
## FIGURE 6-25. FRONT COVER ASSEMBLY



## FIGURE 6-25. FRONT COVER ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149136 | 1 | Front Cover | A |
| 1 | 2080092 | 2 | Screw, Thumb M5X20 | |
| 2 | 1001147465 | 1 | Cover, Front Panel | |
| 3 | 1001148557 | 2 | Washer, Star | |
| 4 | 1001149112 | 1 | Seal | |
| 5 | 1001149113 | 1 | Seal | |
| 6 | 1001149114 | 1 | Seal | |
| 7 | 1001149115 | 1 | Seal | |
| 8 | 1001149116 | 2 | Seal | |
| 9 | 1001149117 | 2 | Seal | |

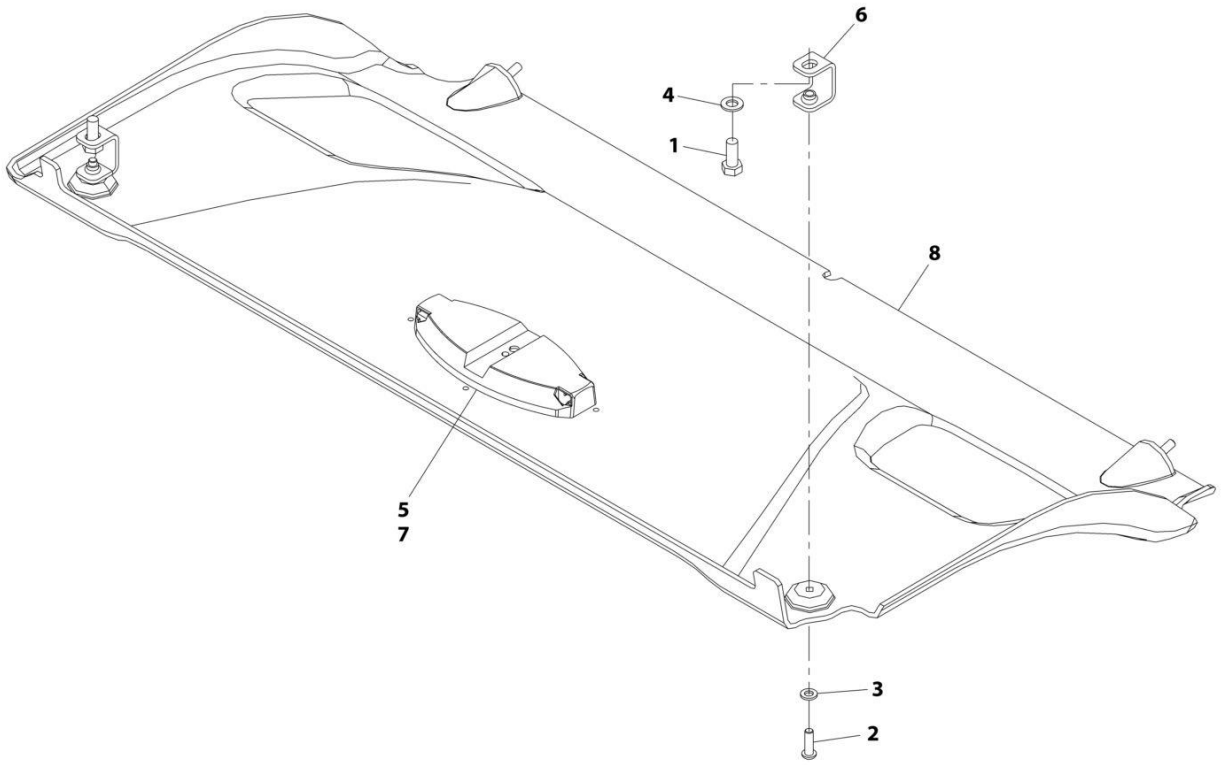
**FIGURE 6-26. HEADLINER INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-26. HEADLINER INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146587 | Ref | Headliner Installation | D |
| 1 | 0760810 | 2 | Bolt, M8X20 | |
| 2 | 3900364 | 4 | Bolt, M6X20 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4811900 | 2 | Washer, M8 | |
| 5 | 1001185729 | 1 | Cover, Headliner | |
| 6 | 1001148886 | 2 | Bracket, Headliner Support | |

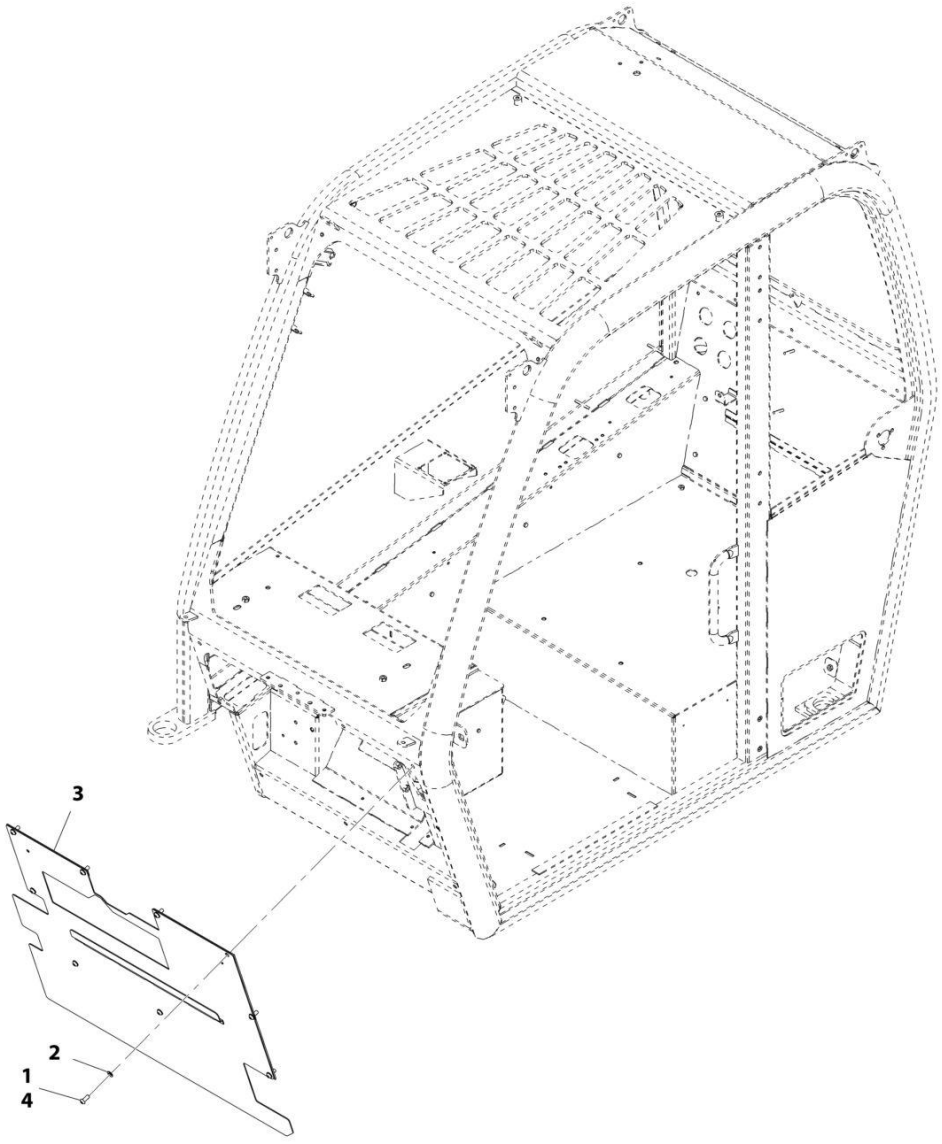
**FIGURE 6-27. HEADLINER INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 6-27. HEADLINER INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237156 | Ref | Headliner Installation | A |
| 1 | 0760810 | 2 | Bolt, M8X20 | |
| 2 | 3900364 | 4 | Bolt, M6X20 | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 4811900 | 2 | Washer, M8 | |
| 5 | 7029486 | 4 | Bolt | |
| 6 | 1001148886 | 2 | Bracket, Headliner Support | |
| 7 | 1001167015 | 1 | Lamp | |
| 8 | 1001237154 | 1 | Cover, Headliner | |

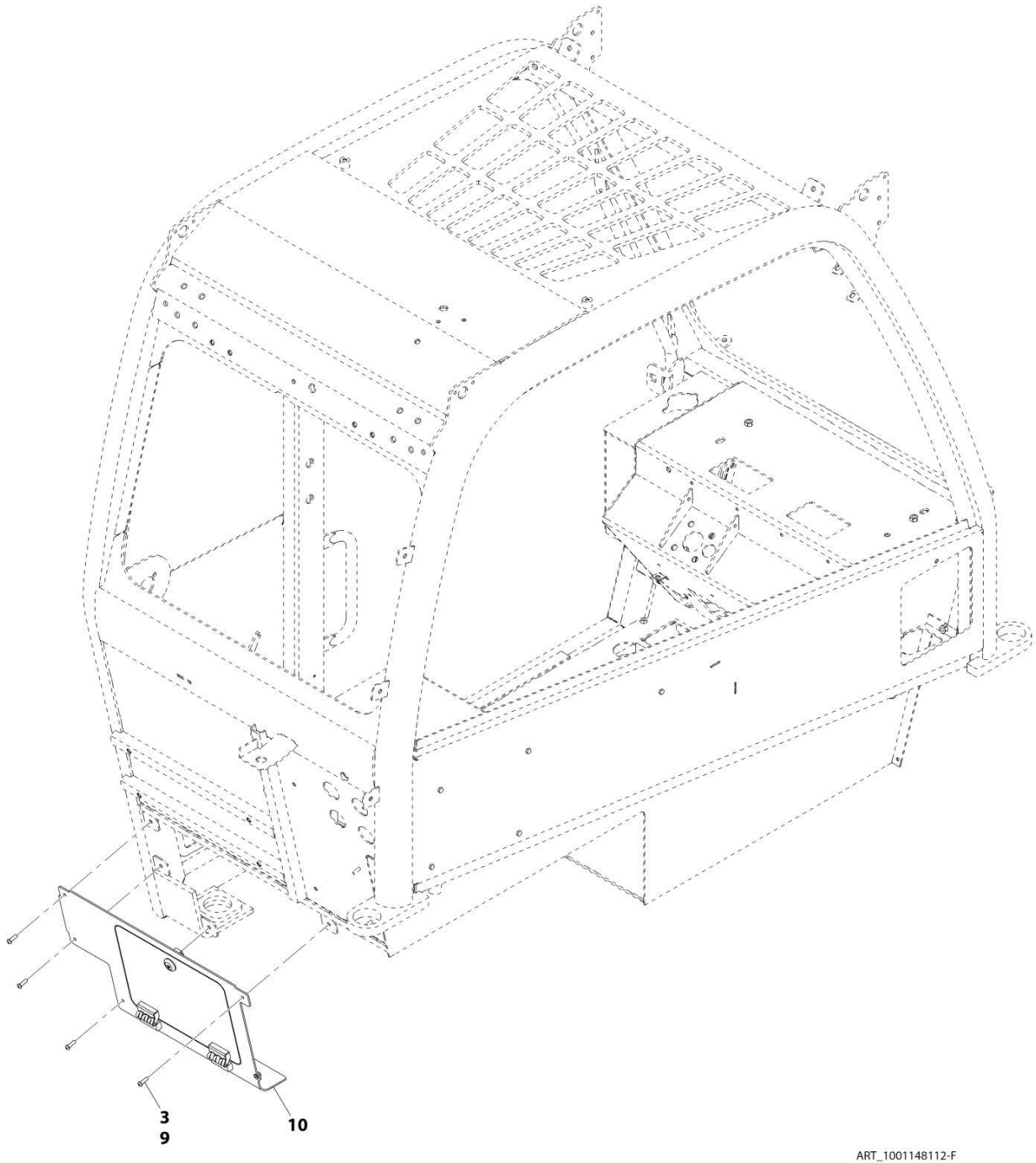
## FIGURE 6-28. FRONT PANEL INSTALLATION



## FIGURE 6-28. FRONT PANEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142968 | Ref | Front Panel Installation | F |
| 1 | 0630612 | 9 | Bolt, M8X20 | |
| 2 | 4811900 | 9 | Washer, M8 | |
| 3 | 1001149584 | 1 | Plate | |
| 4 | 1001095650 | AR | Compound, Locking | |

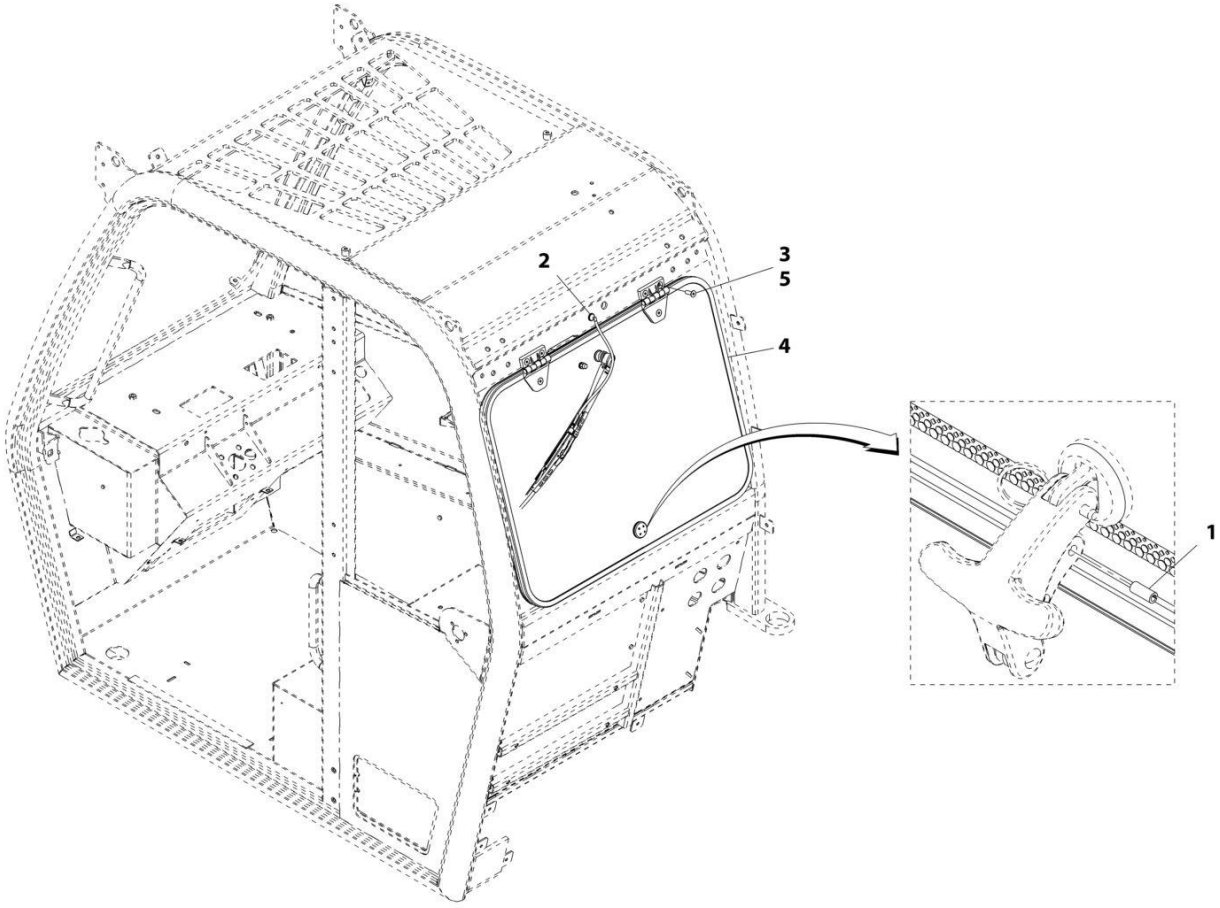
## FIGURE 6-29. REAR COVER PANEL INSTALLATION



## FIGURE 6-29. REAR COVER PANEL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148112 | Ref | Rear Cover Panel Installation | F |
| 3 | 3900364 | 4 | Bolt, M6X20 | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 10 | 1001177380 | 1 | Panel, Rear Cover | |

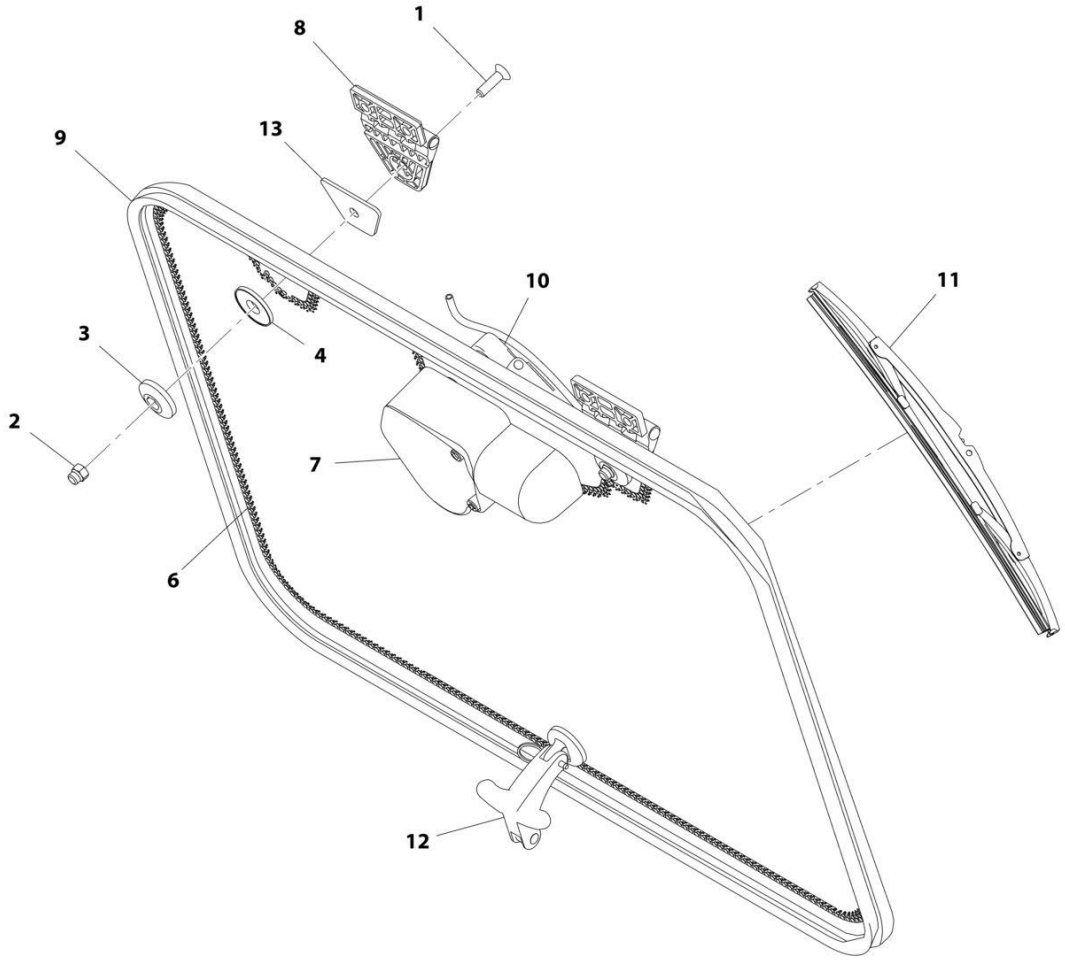
## FIGURE 6-30. REAR WINDOW INSTALLATION



## FIGURE 6-30. REAR WINDOW INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139569 | Ref | Rear Window Installation | K |
| 1 | 1001003043 | 1 | Pin, Spring | |
| 2 | 1001090343 | 1 | Connector | |
| 3 | 1001097586 | 4 | Bolt, M8-1.25X25 | |
| 4 | 1001139570 | 1 | Window, Rear (See REAR WINDOW for Breakdown) | |
| 5 | 1001095650 | AR | Compound, Locking | |

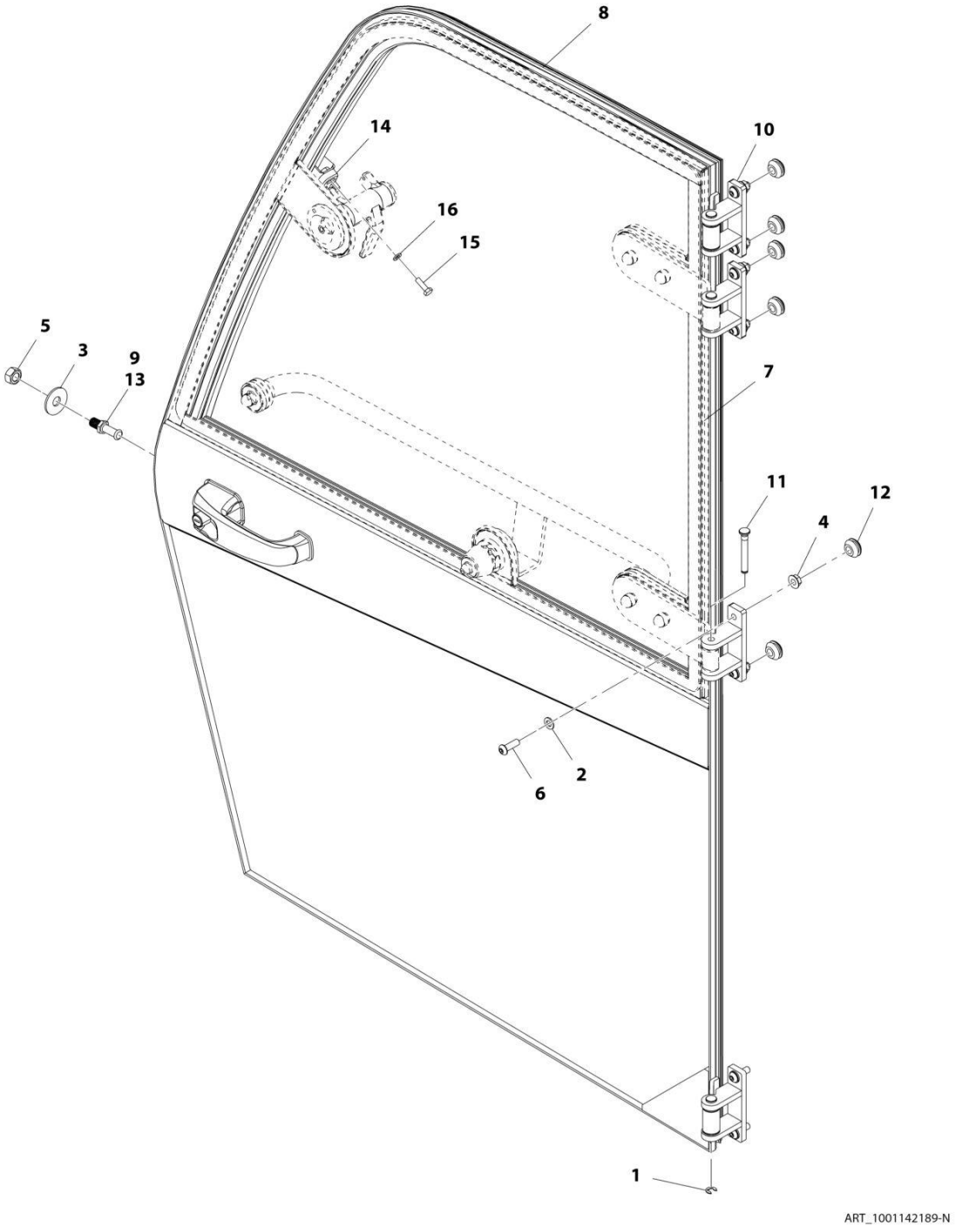
## FIGURE 6-31. REAR WINDOW



## FIGURE 6-31. REAR WINDOW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139570 | Ref | Window, Rear | J |
| 1 | 2080078 | 2 | Fastener, M8X30 | |
| 2 | 3290806 | 2 | Nut, M8X1.25 | |
| 3 | 8000759 | 2 | Spacer | |
| 4 | 8004398 | 2 | Spacer | |
| 6 | 1001139469 | 1 | Glass, Rear Window | |
| 7 | 1001139552 | 1 | Motor, Rear Wiper | |
| 8 | 1001139568 | 2 | Hinge | |
| 9 | 1001139576 | 1 | Seal | |
| 10 | 1001141312 | 1 | Arm, Rear Window Wiper | |
| 11 | 4807718 | 1 | Blade, Wiper | |
| 12 | 1001005368 | 1 | Latch, Window | |
| 13 | 1001181411 | 2 | Gasket, Rear Window Hinge | |

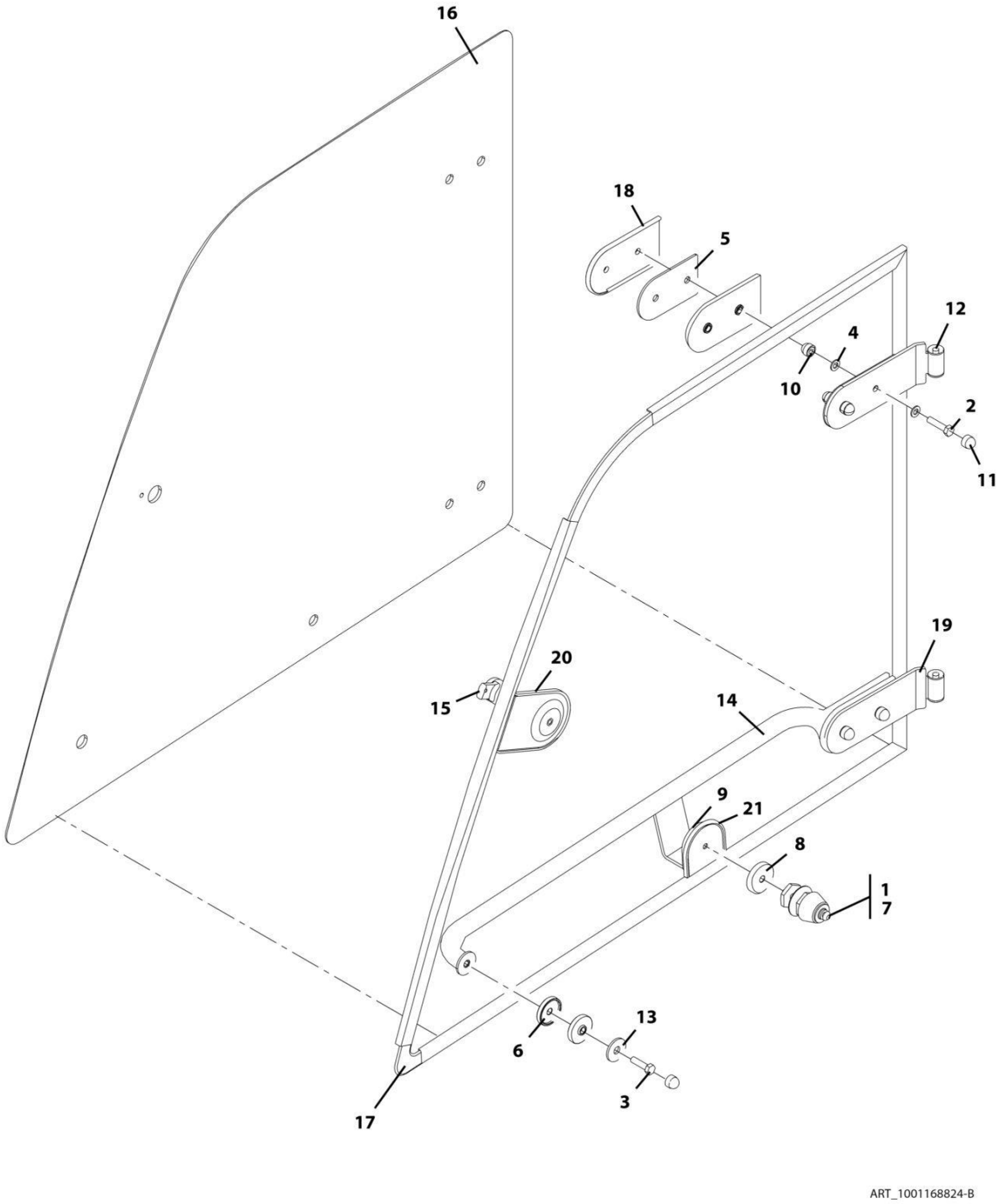
## FIGURE 6-32. CAB DOOR INSTALLATION



## FIGURE 6-32. CAB DOOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142189 | Ref | Cab Door Installation | N |
| 1 | 0498748 | 4 | Washer, Lock | |
| 2 | 4811900 | 8 | Washer, M8 | |
| 3 | 4812102 | 1 | Washer, M12 | |
| 4 | 5220800 | 6 | Nut, Ripp M8 | |
| 5 | 3300497 | 1 | Nut, Ripp M12 | |
| 6 | 8310643 | 8 | Bolt, M8-1.25x25 | |
| 7 | 1001168824 | 1 | Installation, Window (See WINDOW INSTALLATION for Breakdown) **(SN 1160007024 through 1160007423, Excluding 1160007354, 1160007357 and 1160007359)** | |
| 7 | 1001178671 | 1 | Installation, Window (See WINDOW INSTALLATION for Breakdown) **(SN 1160007423 through 1160008790, Including 1160007354, 1160007357 and 1160007359))** | |
| 8 | 1001142252 | 1 | Door Cab (See CAB DOOR for Breakdown) | |
| 9 | 1001142667 | 1 | Bolt, Door Striker | |
| 10 | 1001142840J | 4 | Plate, Hinge | |
| 11 | 1001143130 | 4 | Pin, Hinge | |
| 12 | 1001143200 | 6 | Cap | |
| 13 | 1001095650 | AR | Compound, Locking | |
| 14 | 1001165276 | 1 | Latch, Striker Plate Window | |
| 15 | 0760610 | 2 | Bolt, M6X20 | |
| 16 | 4811700 | 2 | Washer, M6 | |

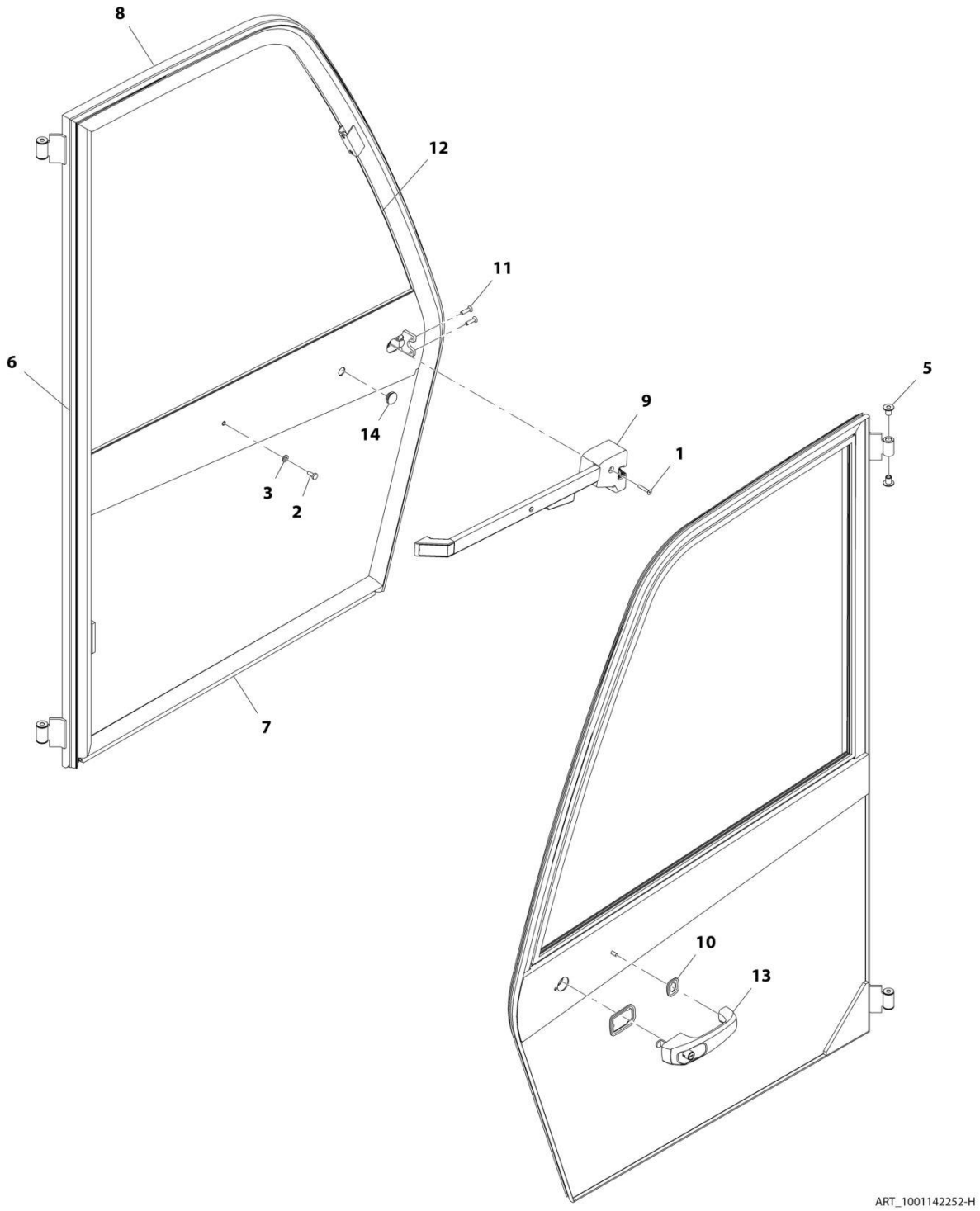
## FIGURE 6-33. WINDOW INSTALLATION



## FIGURE 6-33. WINDOW INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001168824 | Ref | Window Installation (Includes item 1 thru 21), **(SN 1160007024 through 1160007423, Excluding 1160007354, 1160007357 and 1160007359)** | B |
| | 1001178671 | Ref | Window Installation (Includes item 1 thru 22) **(SN 1160007423 through 1160008790, Including 1160007354, 1160007357 and 1160007359)** | E |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0700815 | 4 | Bolt, M8X35 | |
| 3 | 0760814 | 1 | Bolt, M8X30 | |
| 4 | 4811900 | 7 | Washer, M8 | |
| 5 | 1001002947 | 1 | Mount, Hinge | |
| 6 | 1001002953 | 2 | Mount, Rubber | |
| 7 | 1001002955 | 1 | Latch, Striker | |
| 8 | 1001002956 | 1 | Washer | |
| 9 | 1001002957 | 1 | Mount, Latch | |
| 10 | 1001008857 | 3 | Nut, Lock | |
| 11 | 1001096365 | 8 | Cap, M8 | |
| 12 | 1001107192 | 4 | Sleeve, Hinge | |
| 13 | 1001141246 | 1 | Mount, Handle | |
| 14 | 1001142210 | 1 | Handle | |
| 15 | 1001165275 | 1 | Latch, Window | |
| 16 | 1001168453 | 1 | Window | |
| 17 | 1001168455 | 1 | Frame, Cab Window **(SN 1160007024 through 1160007423, Excluding 1160007354, 1160007357 and 1160007359)** | |
| 17 | 1001178603 | 1 | Frame, Cab Window, **(SN 1160007423 through 1160008790, Including 1160007354, 1160007357 and 1160007359)** | |
| 18 | 1001168705 | 4 | Mount, Hinge **(SN 1160007024 through 1160007423, Excluding 1160007354, 1160007357 and 1160007359)** | |
| 18 | 1001168705 | 2 | Mount, Hinge, **(SN 1160007423 through 1160008790, Including 1160007354, 1160007357 and 1160007359)** | |
| 18 | 1001002946 | 2 | Mount, Hinge, **(SN 1160007423 through 1160008790, Including 1160007354, 1160007357 and 1160007359))** | |
| 19 | 1001168826 | 2 | Hinge **(SN 1160007024 through 1160007423, Including , Excluding 1160007354, 1160007357 and 1160007359)** | |
| 19 | 1001178723 | 2 | Hinge **(SN 1160007423 through 1160008790, Including 1160007354, 1160007357 and 1160007359)** | |
| 20 | 1001168829 | 1 | Seal | |
| 21 | 1001169787 | 1 | Seal | |
| 22 | 1001168447 | 1 | Plate, (not shown) **(SN 1160007423 through 1160008790, Including 1160007354, 1160007357 and 1160007359))** | |

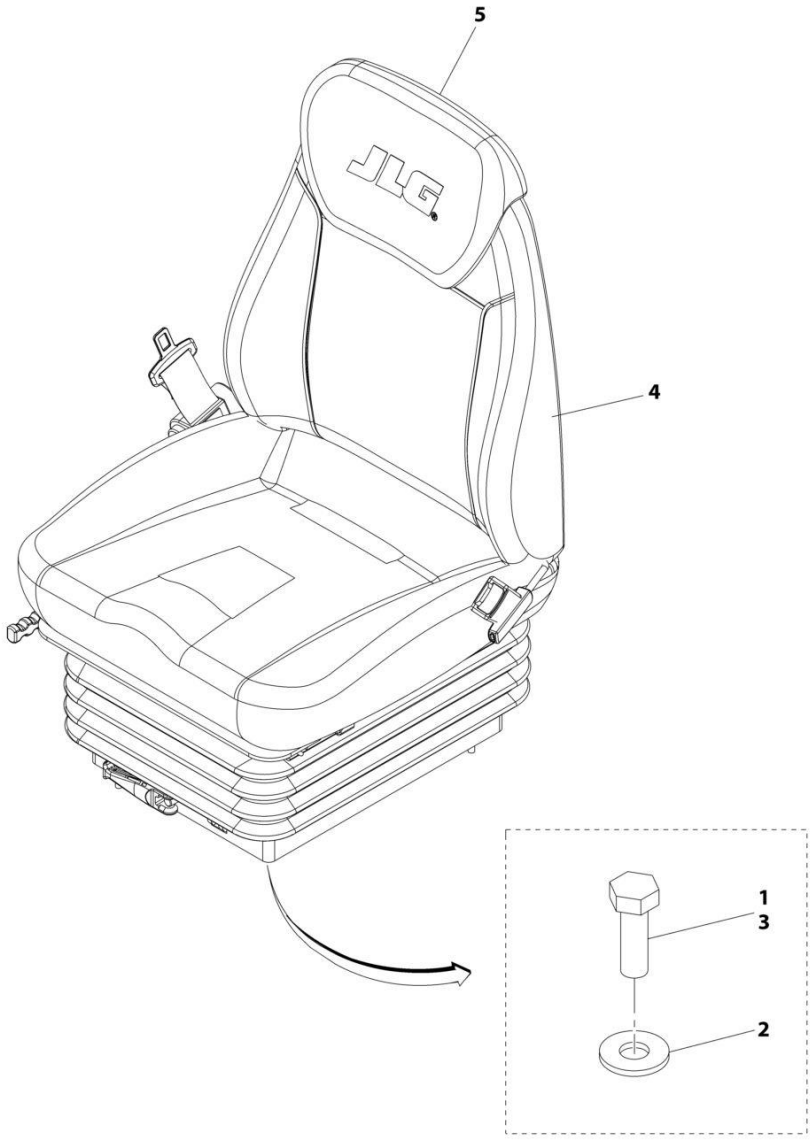
## FIGURE 6-34. CAB DOOR



## FIGURE 6-34. CAB DOOR

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142252 | 1 | Door Assembly | H |
| 1 | 1001174157 | 1 | Screw, M5 | |
| 2 | 4010608 | 3 | Screw, M6X16 | |
| 3 | 4811700 | 3 | Washer, M6 | |
| 5 | 1001107192 | 4 | Sleeve, Hinge | |
| 6 | 1001002961 | 1 | Seal | |
| 7 | 1001002963 | 1 | Seal | |
| 8 | 1001142193J | 1 | Frame, Cab Door | |
| 9 | 1001142496 | 1 | Handrail, Interior | |
| 10 | 1001142618 | 1 | Seal | |
| 11 | 3900379 | 2 | Screw, M6-1.00x25 | |
| 12 | 1001142720 | 1 | Seal | |
| 13 | 1001142732 | 1 | Handle, Push Button | |
| 14 | 1001143200 | 1 | Cap | |

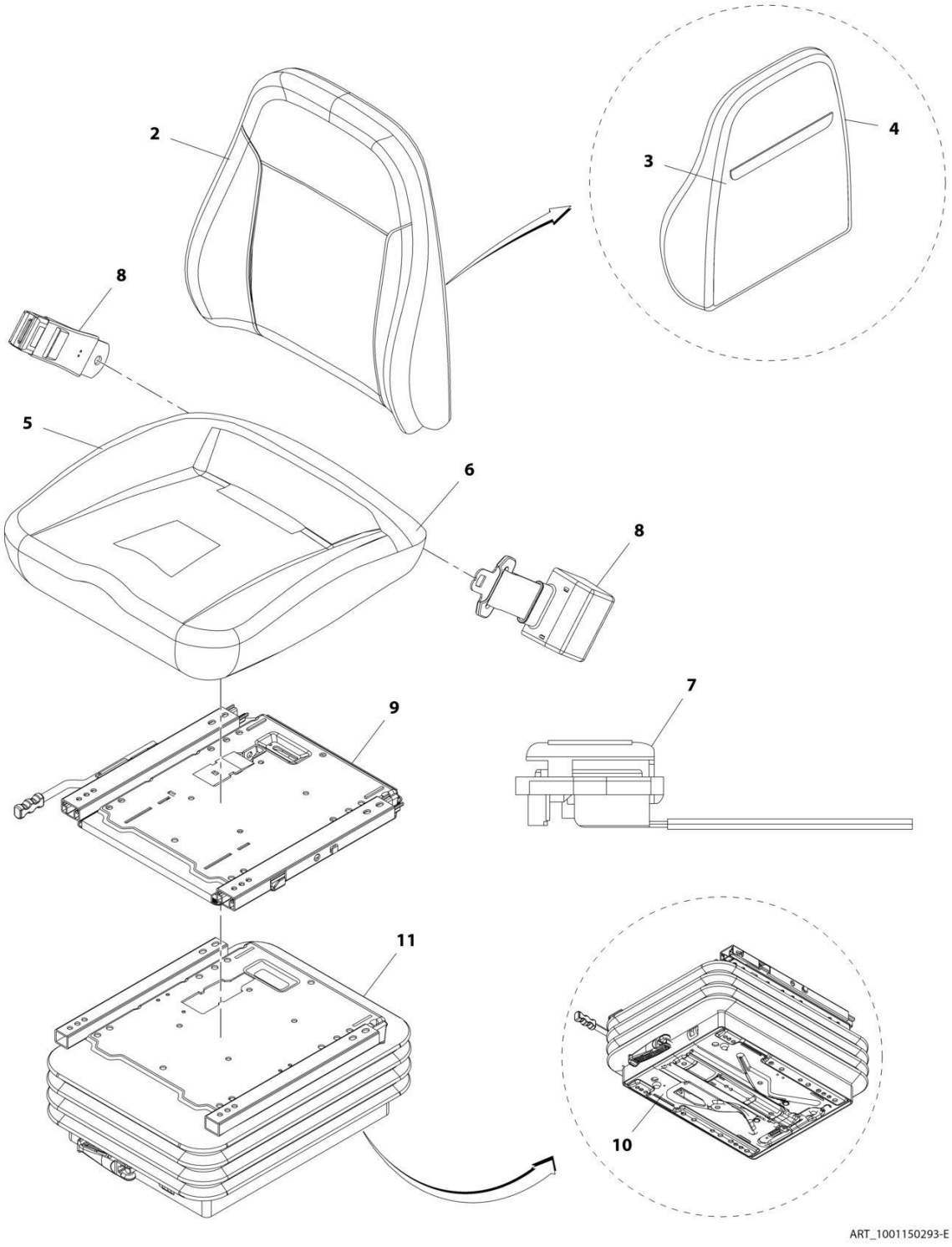
## FIGURE 6-35. VINYL SEAT INSTALLATION



## FIGURE 6-35. VINYL SEAT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144399 | Ref | Vinyl Seat Installation | C |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001008666 | 4 | Washer | |
| 3 | 1001009136 | 4 | Bolt | |
| 4 | 1001150293 | 1 | Vinyl Seat (See VINYL SEAT for Breakdown) | |
| 5 | 1001150303 | 1 | Headrest, Vinyl | |

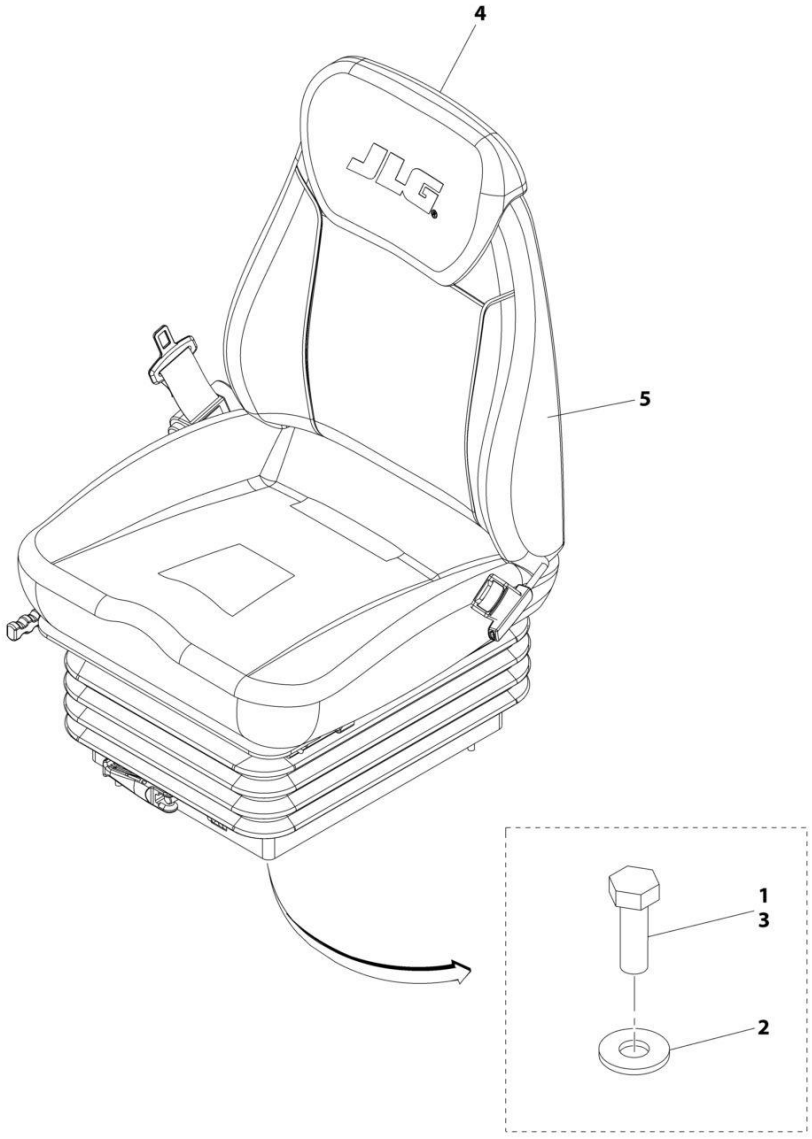
## FIGURE 6-36. VINYL SEAT



## FIGURE 6-36. VINYL SEAT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150293 | Ref | Vinyl Seat | E |
| 2 | 70022517 | 1 | Seat, Upper | |
| 3 | 70025482 | 1 | Cover, Back | |
| 4 | 70025483 | 1 | Foam, Back | |
| 5 | 70025484 | 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 | |

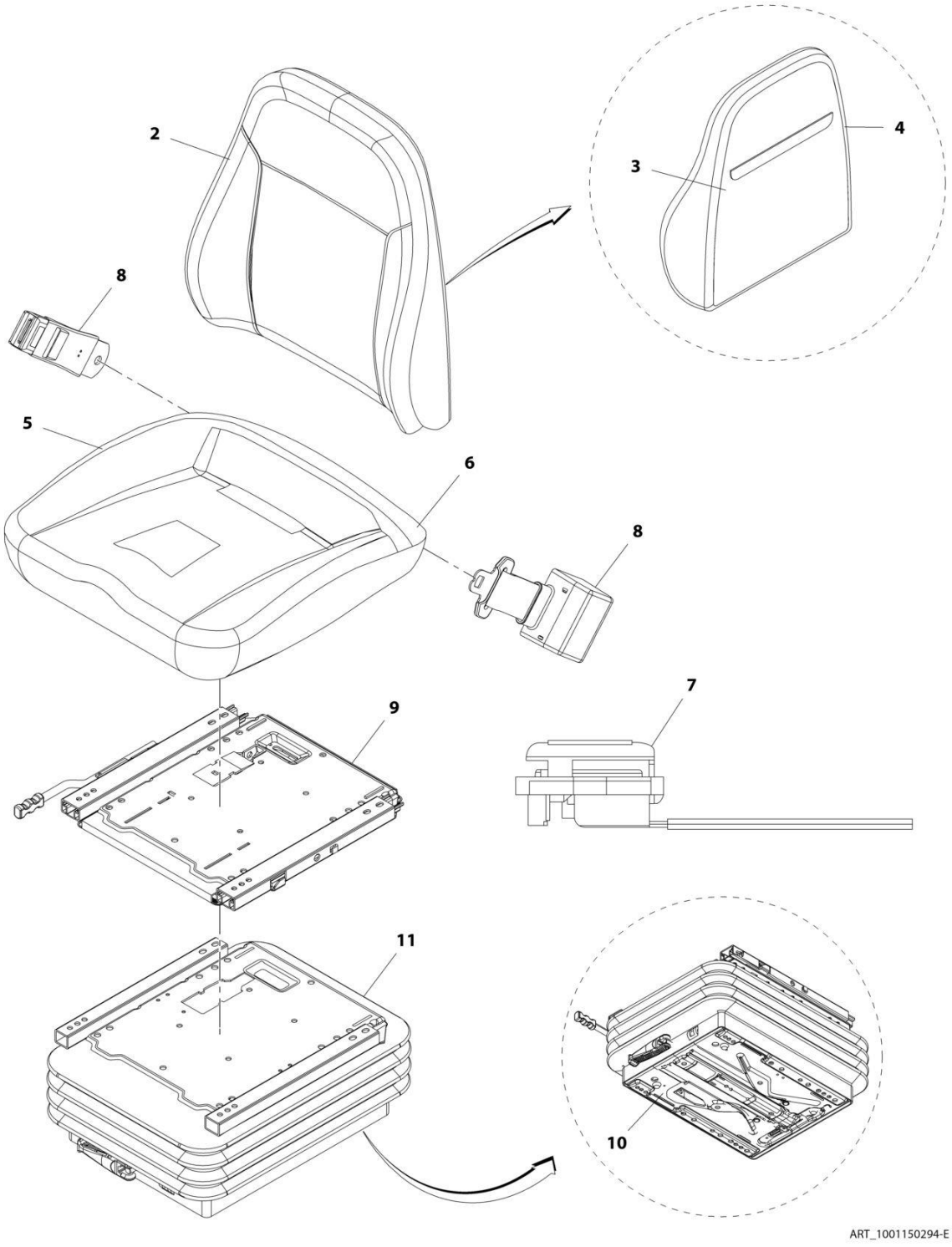
## FIGURE 6-37. CLOTH SEAT INSTALLATION



## FIGURE 6-37. CLOTH SEAT INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144400 | Ref | Cloth Seat Installation | C |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 1001008666 | 4 | Washer | |
| 3 | 1001009136 | 4 | Bolt | |
| 4 | 1001119467 | 1 | Headrest, Cloth | |
| 5 | 1001150294 | 1 | Seat, Cloth (See CLOTH SEAT for Breakdown) | |

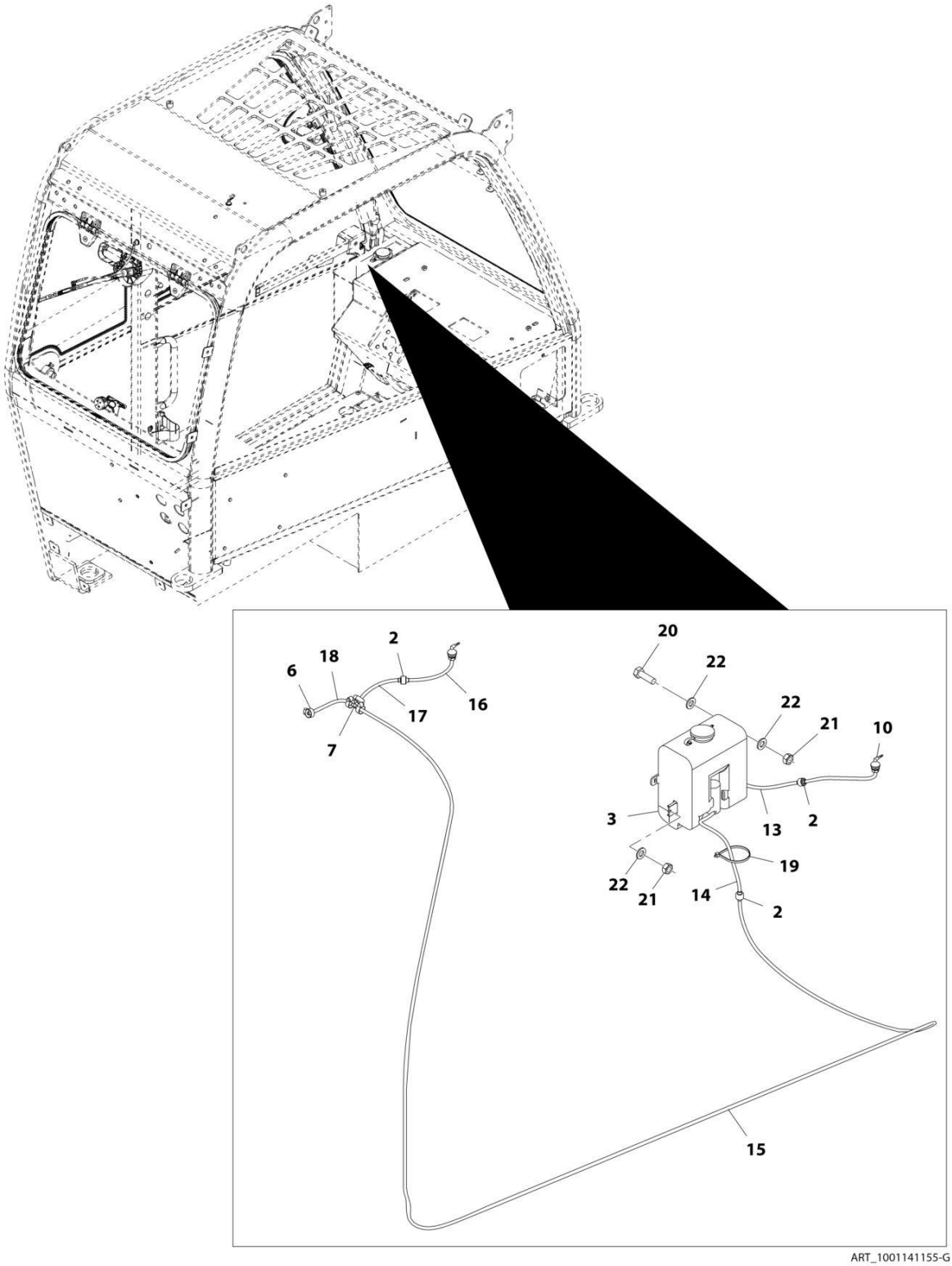
## FIGURE 6-38. CLOTH SEAT



## FIGURE 6-38. CLOTH SEAT

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150294 | 1 | Cloth Seat | E |
| 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 | |

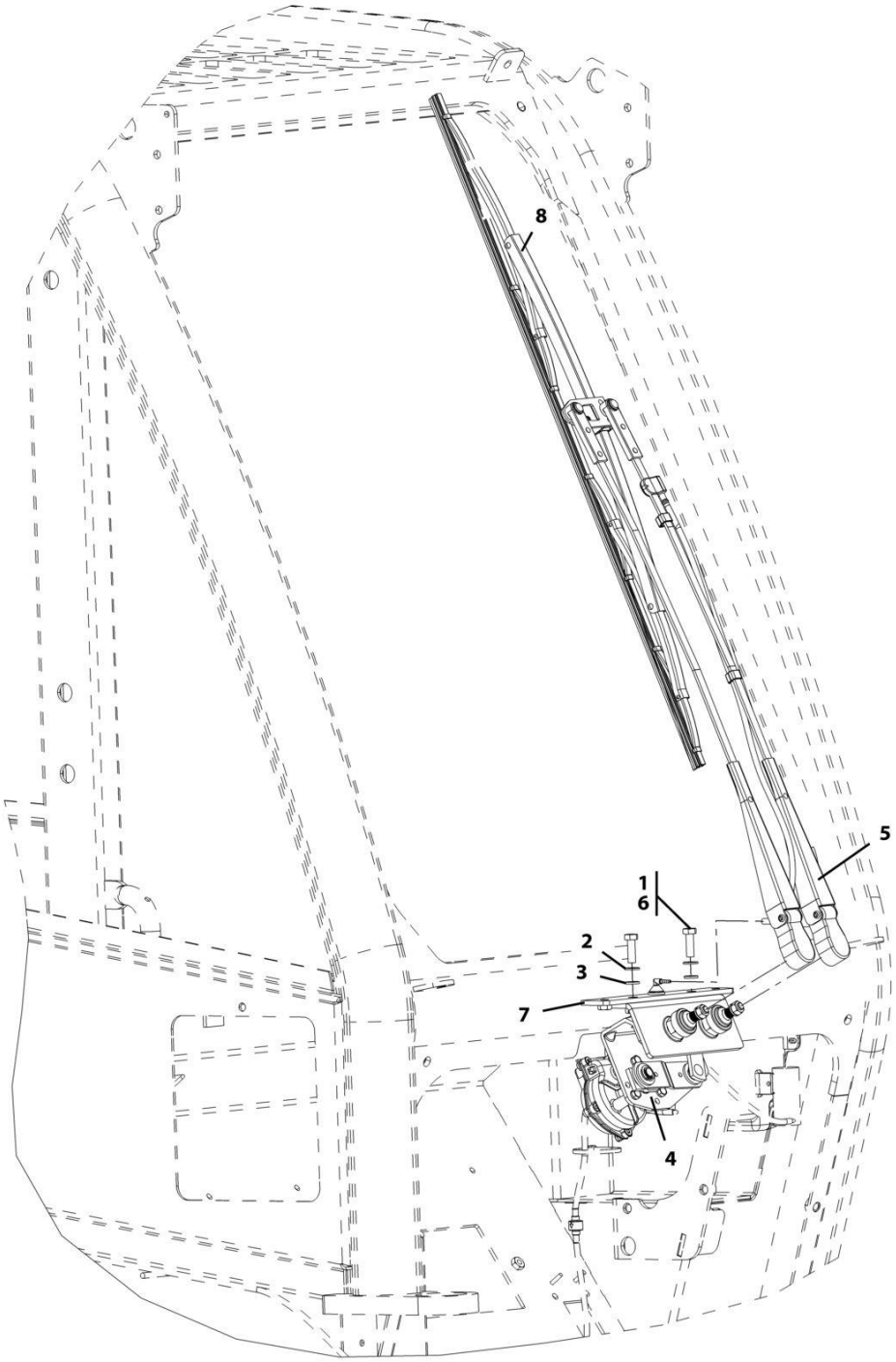
## FIGURE 6-39. FRONT WIPER INSTALLATION



## FIGURE 6-39. FRONT WIPER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001141155 | Ref | Front Wiper Installation | G |
| 2 | 1366865 | 3 | Valve, Check | |
| 3 | 4400493 | 1 | Tank, Washer | |
| 6 | 1001004141 | 4 | Clamp, Hose | |
| 7 | 1001008742 | 1 | Coupling, Tee | |
| 10 | 1001090343 | 2 | Connector | |
| 13 | 1001145143 | 2 | Hose | |
| 14 | 1001145144 | 1 | Hose | |
| 15 | 1001145145 | 1 | Hose | |
| 16 | 1001145146 | 1 | Hose | |
| 17 | 1001145614 | 1 | Hose | |
| 18 | 1001145615 | 1 | Hose | |
| 19 | 1001008559 | 1 | Strap, Cable | |
| 20 | 0760508 | 1 | Bolt, M5X16 | |
| 21 | 3290501 | 2 | Hex Nut, M8x0.8 | |
| 22 | 4811600 | 3 | Washer, 5mm | |

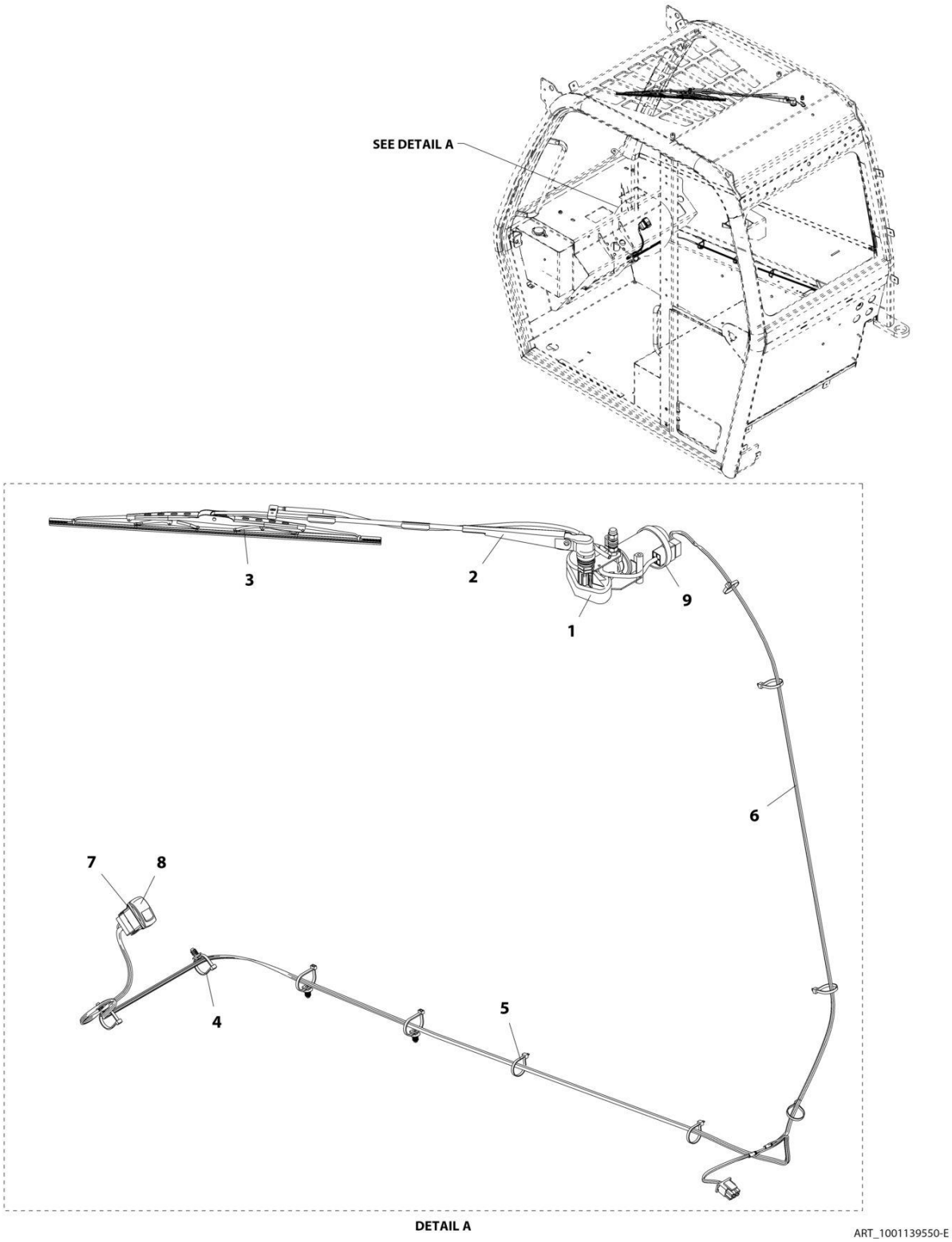
## FIGURE 6-40. FRONT WIPER INSTALLATION



## FIGURE 6-40. FRONT WIPER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001168812 | Ref | Front Wiper Installation | A |
| 1 | 0760812 | 2 | Bolt, M8x25 | |
| 2 | 4811900 | 2 | Washer, M8 | |
| 3 | 4831900 | 2 | Lockwasher, Spring M8 | |
| 4 | 1001090336 | 1 | Motor, Front Wiper | |
| 5 | 1001090340 | 1 | Arm, Front Wiper | |
| 6 | 1001095650 | AR | Compound, Locking | |
| 7 | 1001141242 | 1 | Plate | |
| 8 | 1001141281 | 1 | Blade, Wiper | |

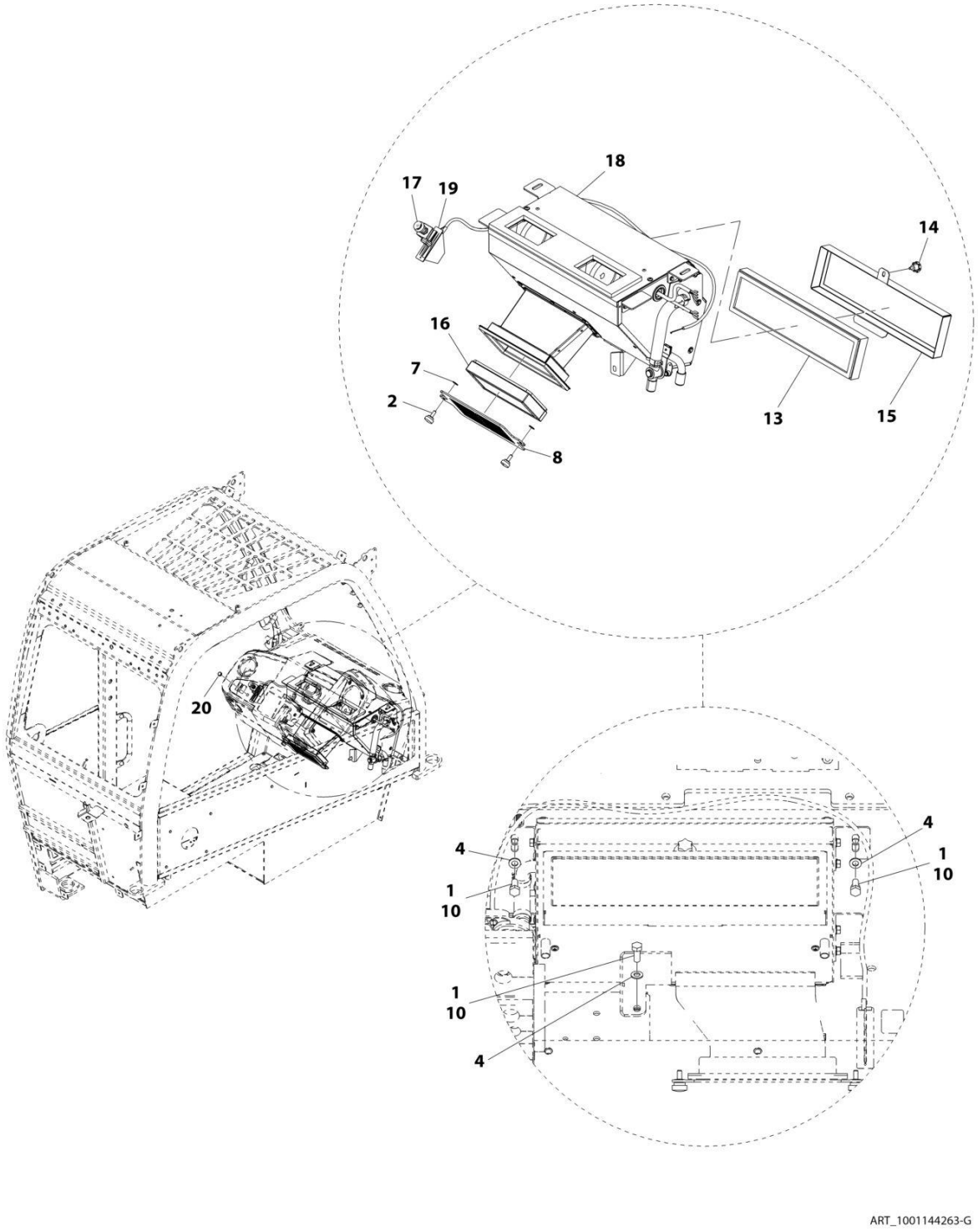
## FIGURE 6-41. ROOF WIPER INSTALLATION



## FIGURE 6-41. ROOF WIPER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139550 | Ref | Roof Wiper Installation | E |
| 1 | 1001139551 | 1 | Motor, Roof Wiper | |
| 2 | 1001141311 | 1 | Arm, Roof Wiper | |
| 3 | 1001141313 | 1 | Blade, Roof Wiper | |
| 4 | 1001004720 | 4 | Strap, Cable | |
| 5 | 1001008559 | 6 | Strap, Cable | |
| 6 | 1001146677 | 1 | Harness, Roof Wiper (See ELECTRICAL SECTION for Breakdown) | |
| 7 | 1001146729 | 1 | Switch, Wiper | |
| 8 | 1001149967 | 1 | Switch, Wiper | |
| 9 | 1062255 | 1 | Strap, Cable | |

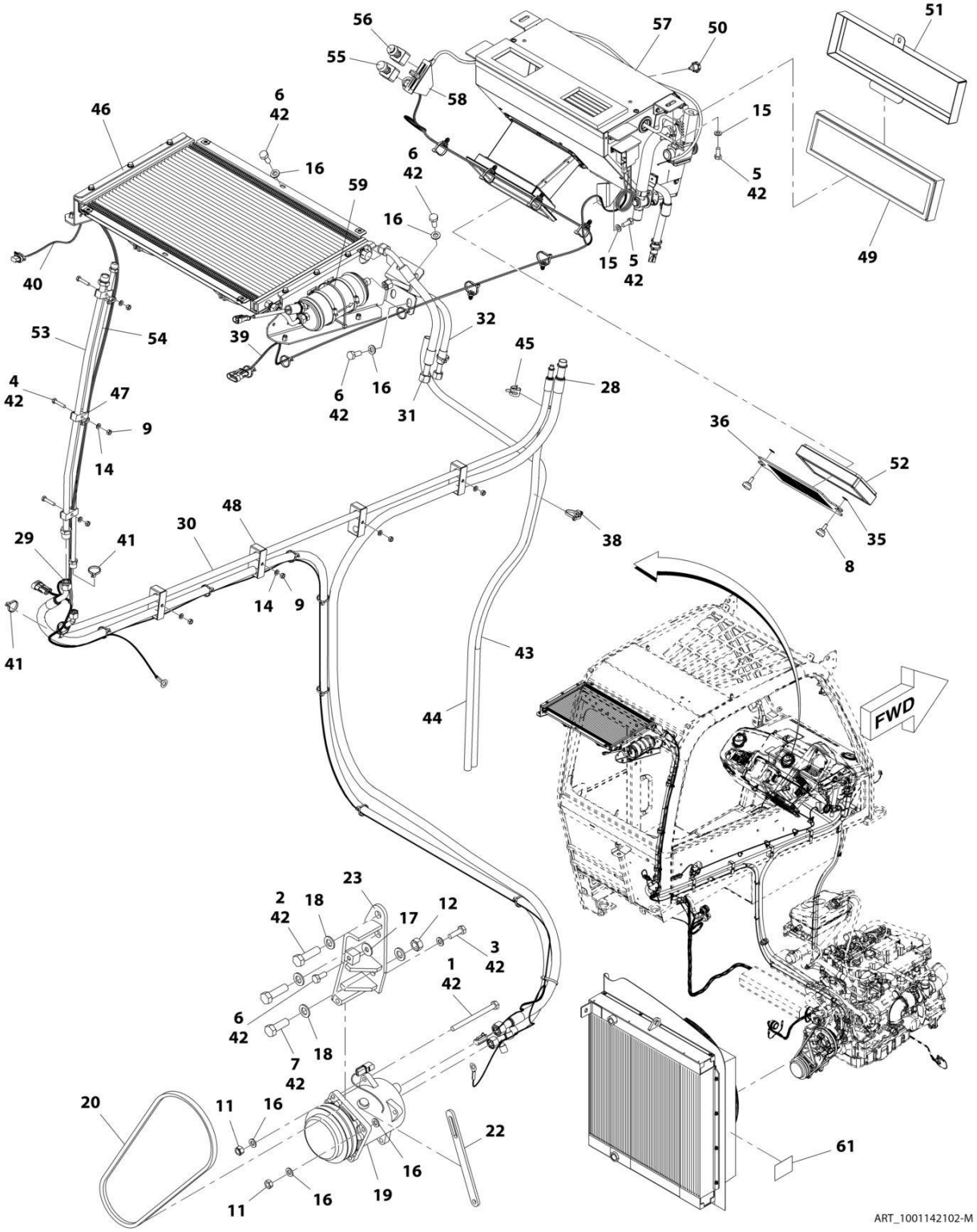
## FIGURE 6-42. HEATER INSTALLATION



## FIGURE 6-42. HEATER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144263 | Ref | Heater Installation | F |
| 1 | 0760810 | 3 | Bolt, M8X20 | |
| 2 | 2080092 | 2 | Screw, Thumb | |
| 3 | 1001148415 | 1 | Plate, HAC Control, (not shown) | |
| 4 | 4811900 | 3 | Washer, M8 | |
| 7 | 1001148557 | 2 | Washer, Star | |
| 8 | 1001148619 | 1 | Plate, Recirculation Grill | |
| 10 | 1001095650 | AR | Compound, Locking | |
| 13 | 1001147752 | 1 | Filter, Air | |
| 14 | 1001147753 | 1 | Latch, Filter Knob | |
| 15 | 1001147754 | 1 | Frame, Filter | |
| 16 | 1001147755 | 1 | Filter, Recirculation Air | |
| 17 | 1001148556 | 1 | Control, Fan Speed | |
| 18 | 1001149216 | 1 | Heater Unit Without A/C (See HEATER (No A/C) for Breakdown) | |
| 19 | 1001150125 | 1 | Control, Heater | |
| 20 | 1001181502 | 1 | Plug Cap | |

## FIGURE 6-43. AIR CONDITIONING INSTALLATION

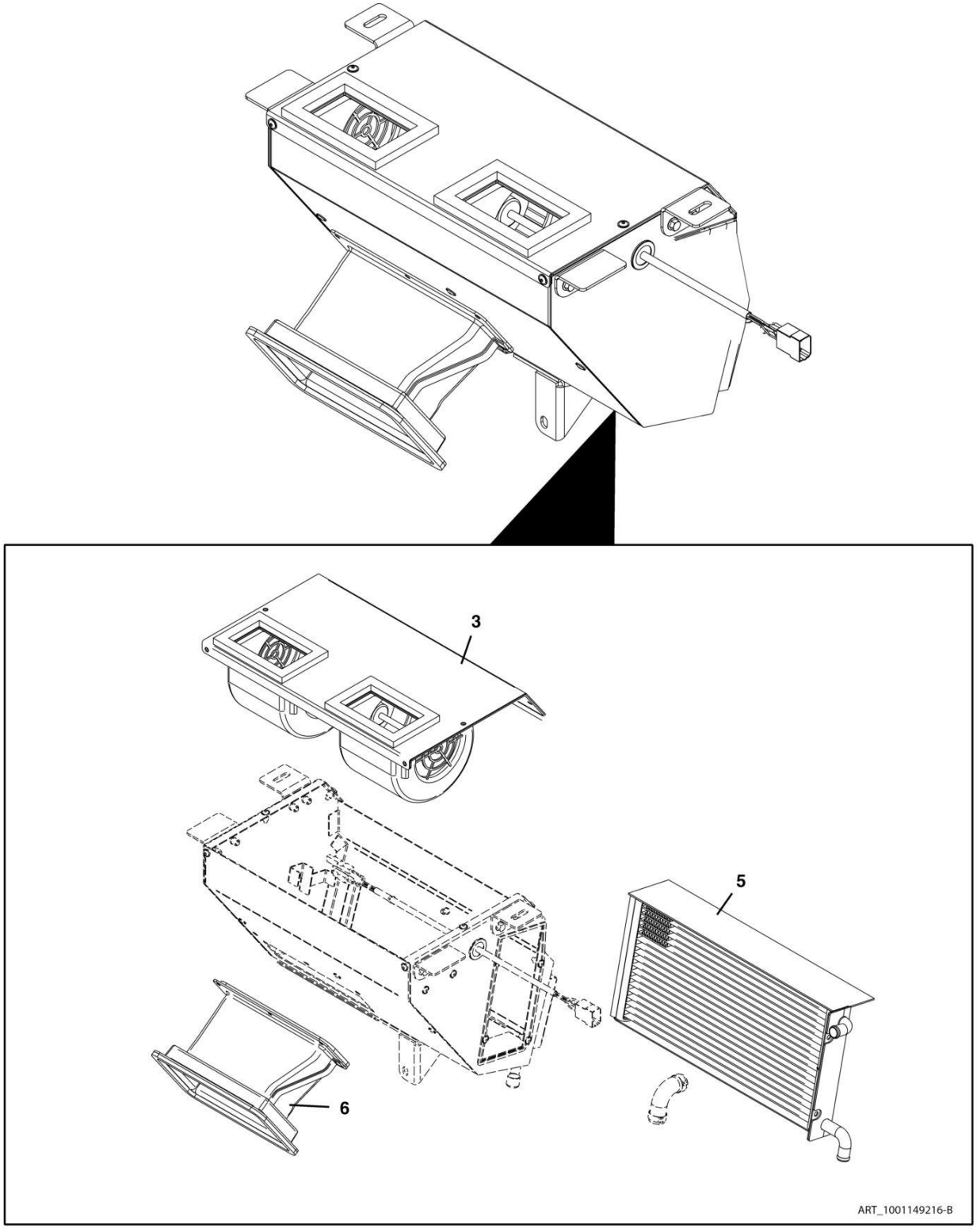


## FIGURE 6-43. AIR CONDITIONING INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142102 | Ref | Air Conditioning Installation | L |
| 1 | 0711030 | 1 | Bolt, M10x130 GR10.9 | |
| 2 | 0761619 | 2 | Bolt, M16X55 | |
| 3 | 0711016 | 1 | Bolt, M10X40 | |
| 4 | 0760614 | 3 | Bolt, M6X30 | |
| 5 | 0760810 | 3 | Bolt, M8X20 | |
| 6 | 0761012 | 9 | Bolt, M10X25 | |
| 7 | 0761617 | 1 | Bolt, M16X45 | |
| 8 | 2080092 | 2 | Screw, Thumb | |
| 9 | 3290601 | 7 | Nut, M6X1 | |
| 11 | 3291005 | 2 | Nut, Lock M10X1.5 | |
| 12 | 3291601 | 1 | Nut, M16X2 | |
| 14 | 4811700 | 7 | Washer, M6 | |
| 15 | 4811900 | 3 | Washer, M8 | |
| 16 | 4812000 | 12 | Washer, M10 | |
| 17 | 4812002 | 1 | Washer, M10 | |
| 18 | 4812300 | 4 | Washer, M16 | |
| 19 | 1001119220 | 1 | Compressor | |
| 20 | 1001134759 | 1 | Belt, Compressor | |
| 22 | 1001145491 | 1 | Plate, Compressor Tension Arm | |
| 23 | 1001145492 | 1 | Bracket, Compressor | |
| 28 | 1001148470 | 1 | Hose | |
| 29 | 1001148471 | 1 | Hose | |
| 30 | 1001148472 | 1 | Hose | |
| 31 | 1001148473 | 1 | Hose | |
| 32 | 1001148474 | 1 | Hose | |
| 35 | 1001148557 | 2 | Washer, Star | |
| 36 | 1001148619 | 1 | Plate, Recirculation Grill | |
| 38 | 1001004720 | 7 | Strap, Cable | |
| 39 | 1001168704 | 1 | Harness, Air Conditioning Cab (See Separate Breakdown in ELECTRICAL SECTION) **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 39 | 1001244134 | 1 | Harness, Air Conditioning Cab (See Separate Breakdown in ELECTRICAL SECTION) **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777 and E160000120)** | |
| 40 | 1001151260 | 1 | Harness, Air Conditioning Chassis (See ELECTRICAL SECTION for Breakdown) | |
| 41 | 1001008559 | 17 | Strap, Cable | |
| 42 | 1001095650 | AR | Locking Compound | |
| 43 | 1001152353 | 1 | Hose | |
| 44 | 1001152354 | 1 | Hose | |
| 45 | 1001152729 | 2 | Clamp, Springband | |
| 46 | 1001142103 | 1 | Condenser | |
| 47 | 1001145539 | 3 | Support, Pipe | |
| 48 | 1001145540 | 4 | Support, Pipe | |
| 49 | 1001147752 | 1 | Filter, Air | |
| 50 | 1001147753 | 1 | Knob, Filter Latch | |
| 51 | 1001147754 | 1 | Frame, Filter | |
| 52 | 1001147755 | 1 | Filter, Recirculation Air | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 53 | 1001148475 | 1 | Pipe | |
| 54 | 1001148476 | 1 | Pipe | |
| 55 | 1001148555 | 1 | Control, Heater/AC | |
| 56 | 1001148556 | 1 | Control, Fan Speed | |
| 57 | 1001149215 | 1 | Heater (A/C) (See HEATER (A/C) for Details) | |
| 58 | 1001150125 | 1 | Control, Heater | |
| 59 | 1062255 | 1 | Wrap, Tie | |
| 61 | 1001198720 | NLA | Decal, A/C Installation (no longer available, use 1001227093 for replacement) | |
| 61 | 1001227093 | 1 | Decal, A/C Installation | |

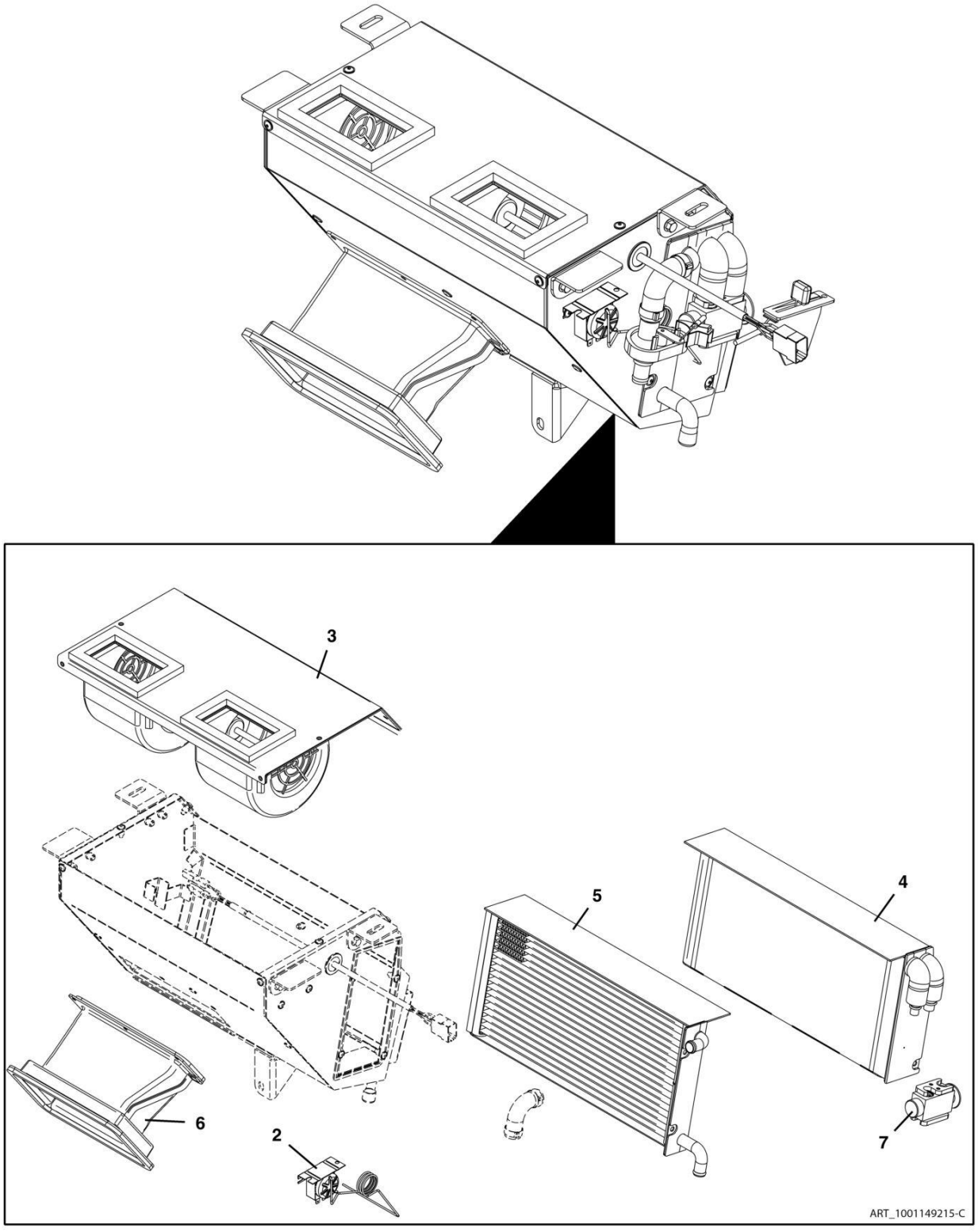
**FIGURE 6-44. HEATER (NO A/C)**



## FIGURE 6-44. HEATER (NO A/C)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149216 | 1 | Heater (No A/C) | B |
| 3 | 70025808 | 1 | Fan, Centrifugal Electric | |
| 5 | 70025805 | 1 | Heater | |
| 6 | 70025806 | 1 | Duct, Air | |

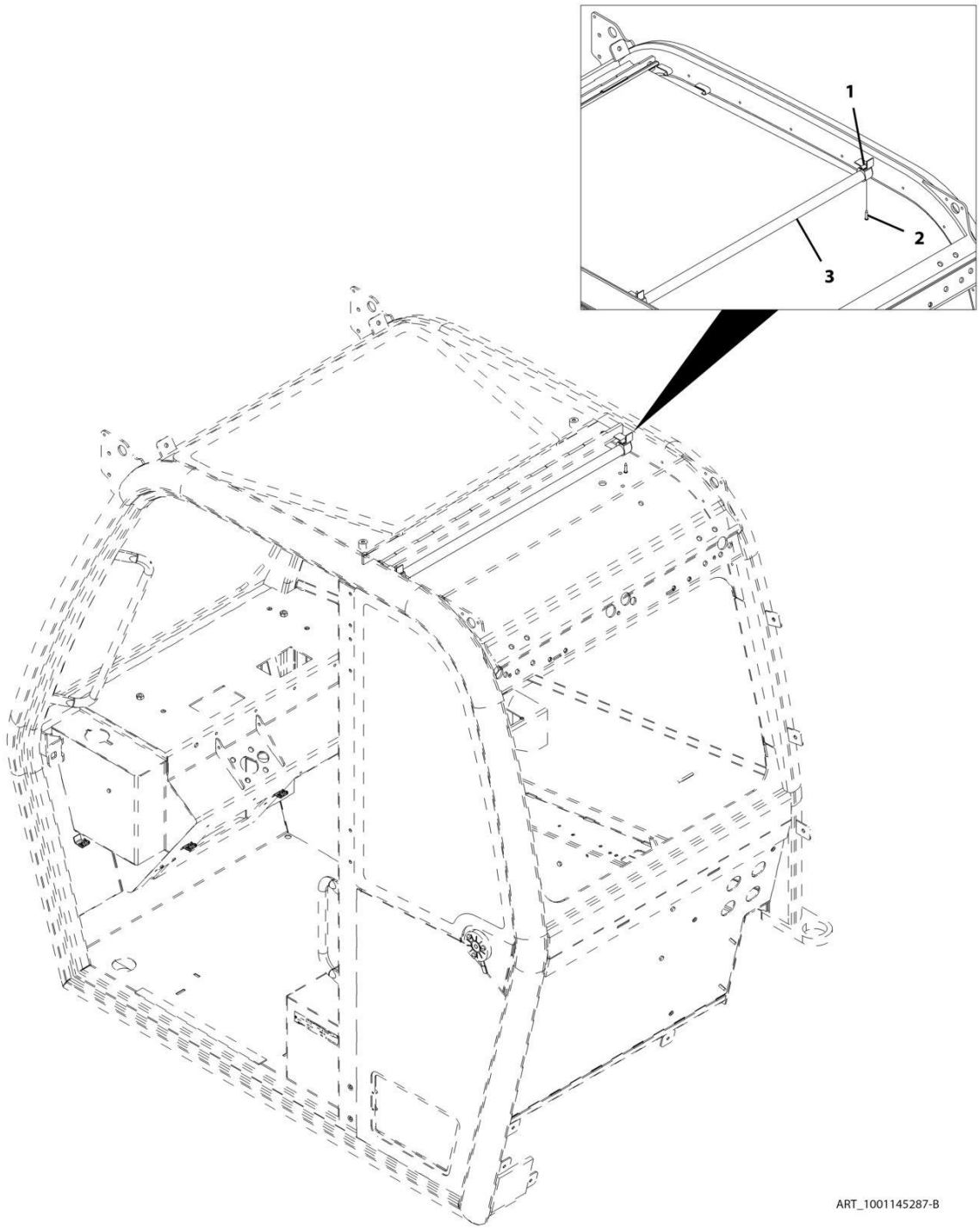
**FIGURE 6-45. HEATER (A/C)**



## FIGURE 6-45. HEATER (A/C)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149215 | 1 | Heater (A/C) | C |
| 2 | 70025803 | 1 | Thermostat | |
| 3 | 70025808 | 1 | Fan, Centrifugal Electric | |
| 4 | 70025804 | 1 | Evaporator | |
| 5 | 70025805 | 1 | Heater | |
| 6 | 70025806 | 1 | Duct, Air | |
| 7 | 70025807 | 1 | Valve, Expansion | |

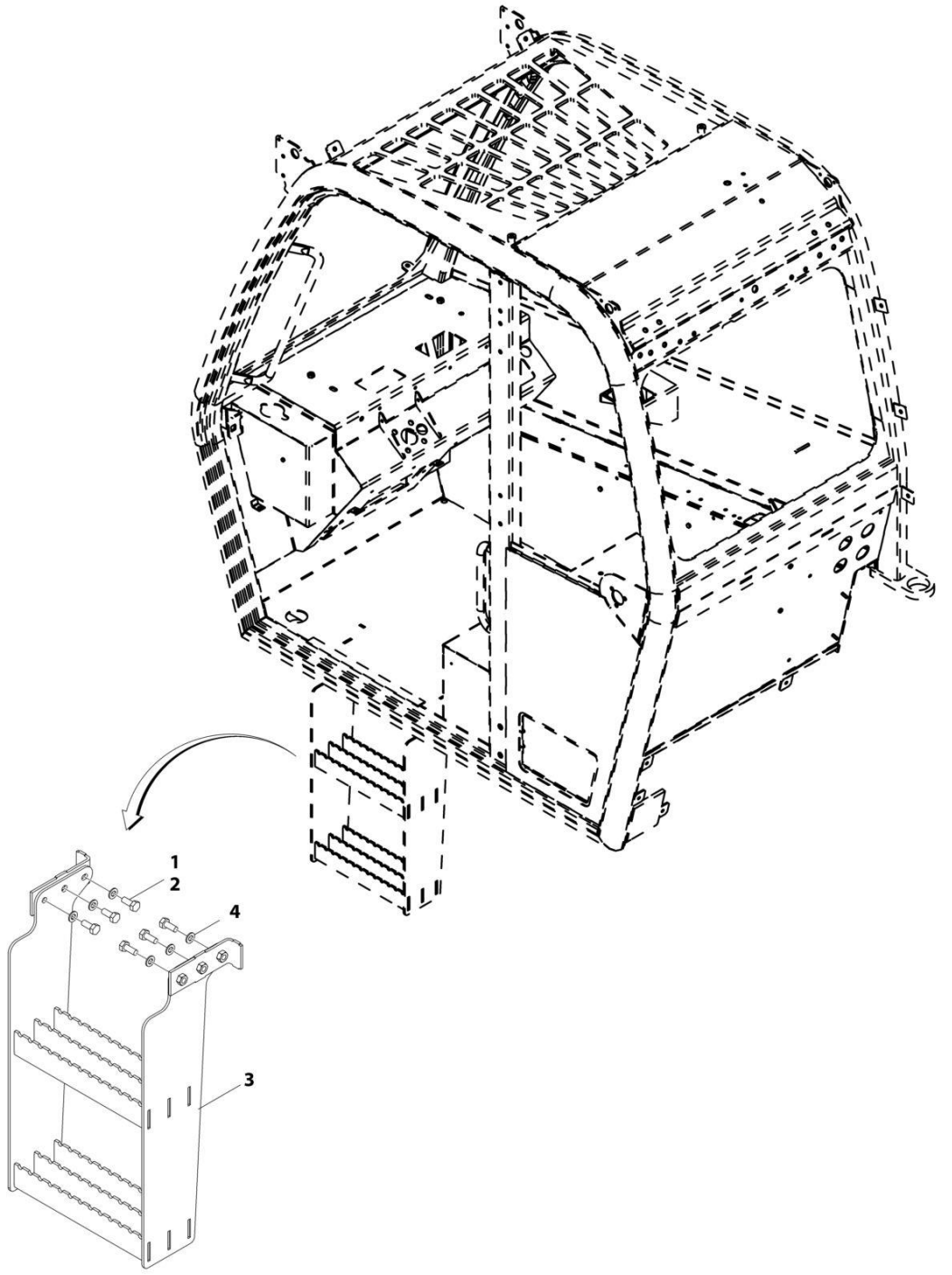
## FIGURE 6-46. CAB SCREEN (GP) SUN BLIND



## FIGURE 6-46. CAB SCREEN (GP) SUN BLIND

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145287 | Ref | Cab Screen (GP) Sun Blind | B |
| 1 | 1001111076 | 2 | Nut, Spire | |
| 2 | 1001111147 | 2 | Self Tapping Screw | |
| 3 | 1001145288 | 1 | Cab Screen Blind | |

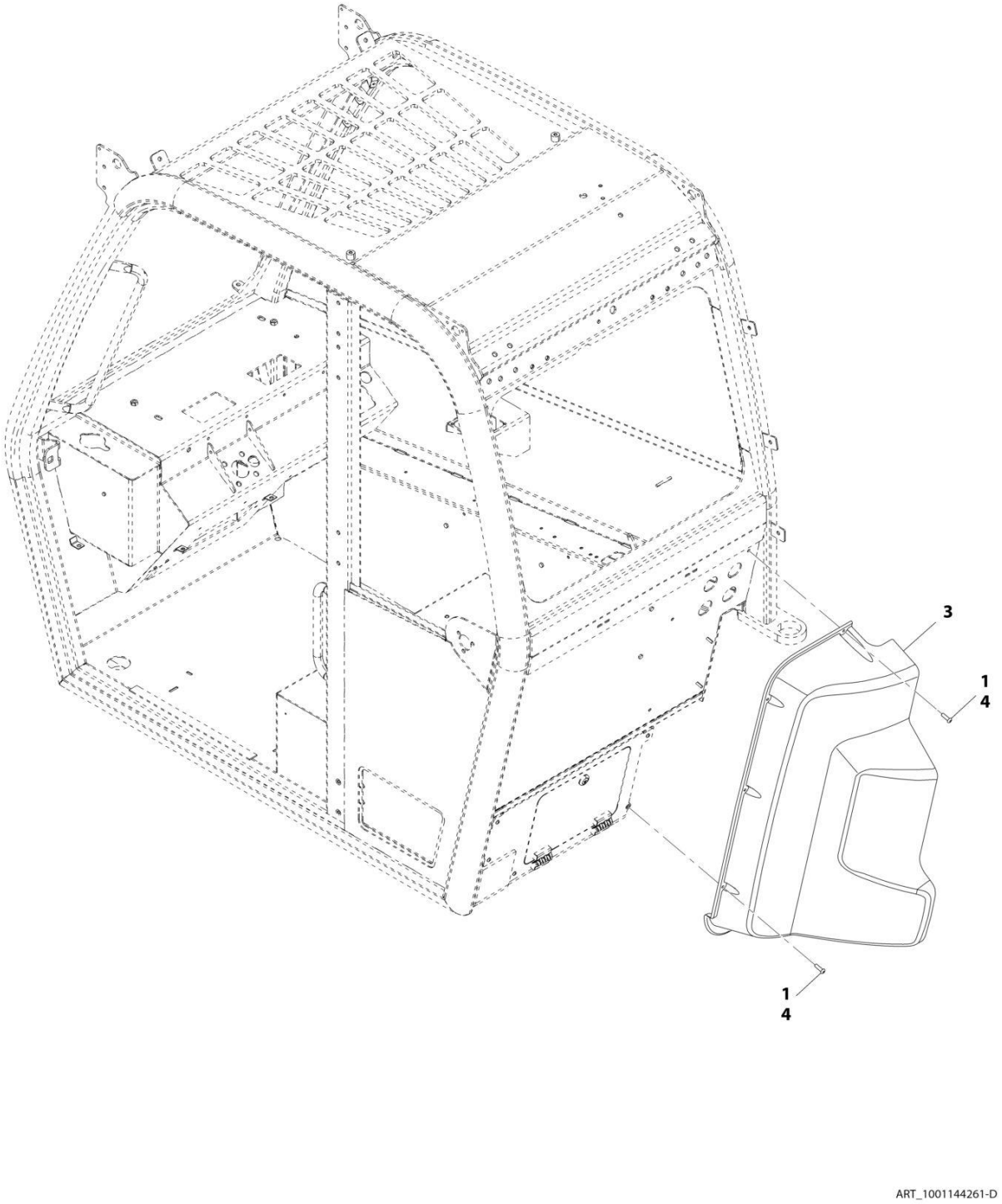
## FIGURE 6-47. STEP INSTALLATION



## FIGURE 6-47. STEP INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144260 | Ref | Step Installation | E |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0761012 | 6 | Screw, M10 X 25LG | |
| 3 | 1001144242 | 1 | Bracket, Step | |
| 4 | 4812000 | 6 | Washer, 10mm | |

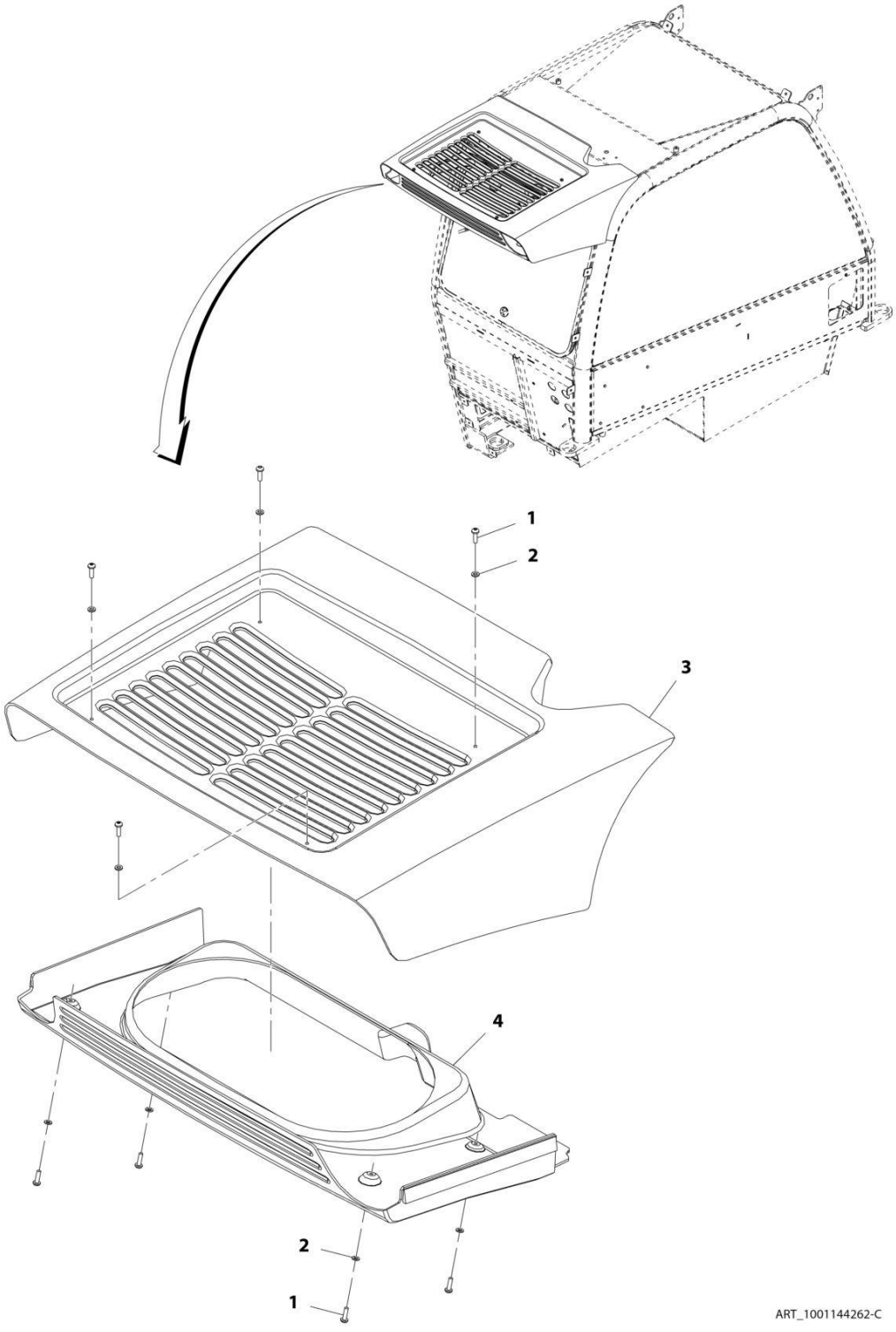
## FIGURE 6-48. HYDRAULIC COVER INSTALLATION



## FIGURE 6-48. HYDRAULIC COVER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144261 | Ref | Hydraulic Cover Installation | D |
| 1 | 3900364 | 4 | Bolt, M6X20 | |
| 3 | 1001147463 | 1 | Cover, Rear Hydraulic | |
| 4 | 1001095650 | AR | Compound, Locking | |

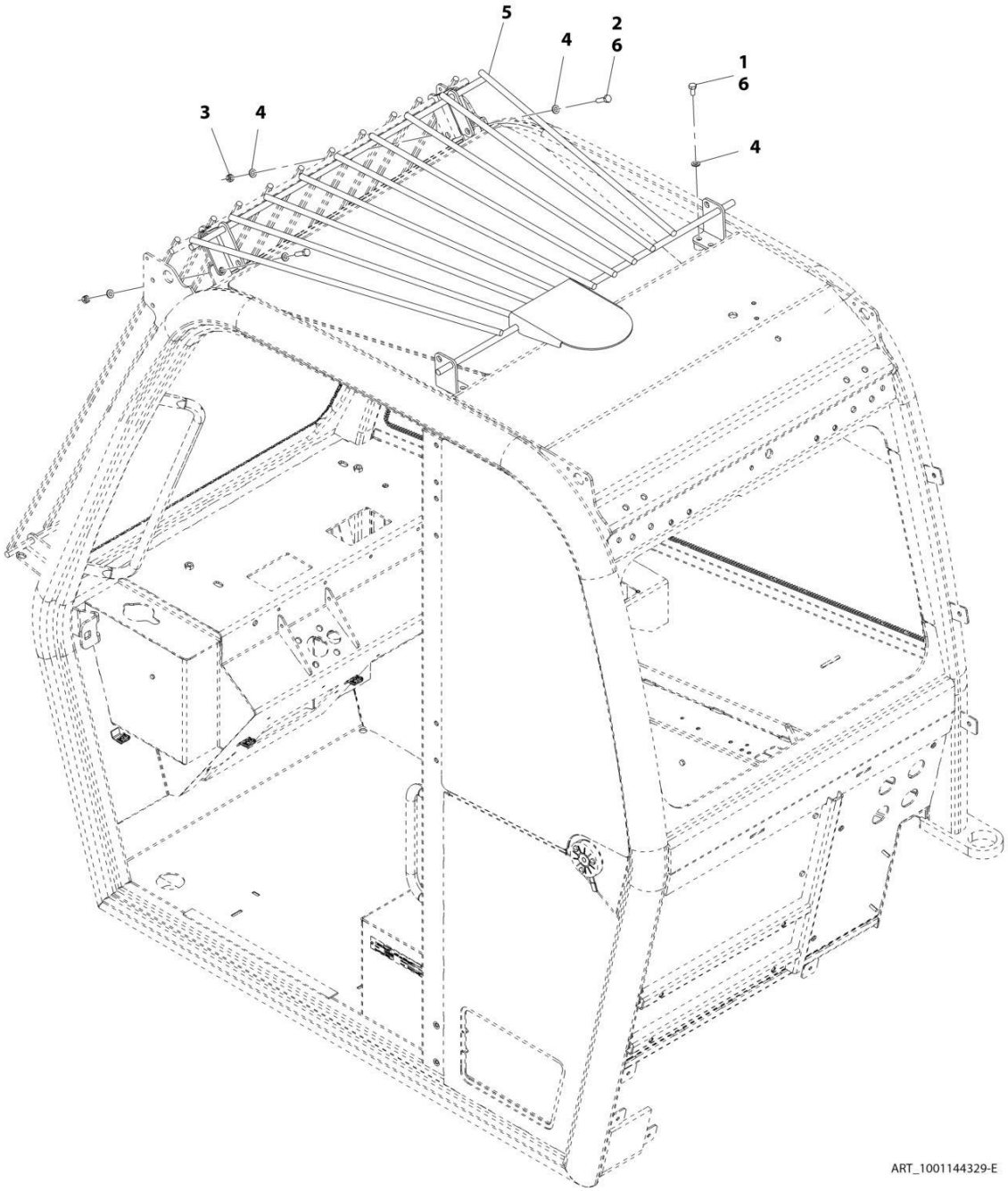
## FIGURE 6-49. A/C CONDENSER COVER INSTALLATION



## FIGURE 6-49. A/C CONDENSER COVER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144262 | 1 | A/C Condenser Cover Installation | C |
| 1 | 4191708 | 8 | Screw, M6 X 20LG | |
| 2 | 4811700 | 8 | Washer, M6 | |
| 3 | 1001147461 | 1 | Cover, Condenser Upper | |
| 4 | 1001147462 | 1 | Cover, Condenser Lower | |

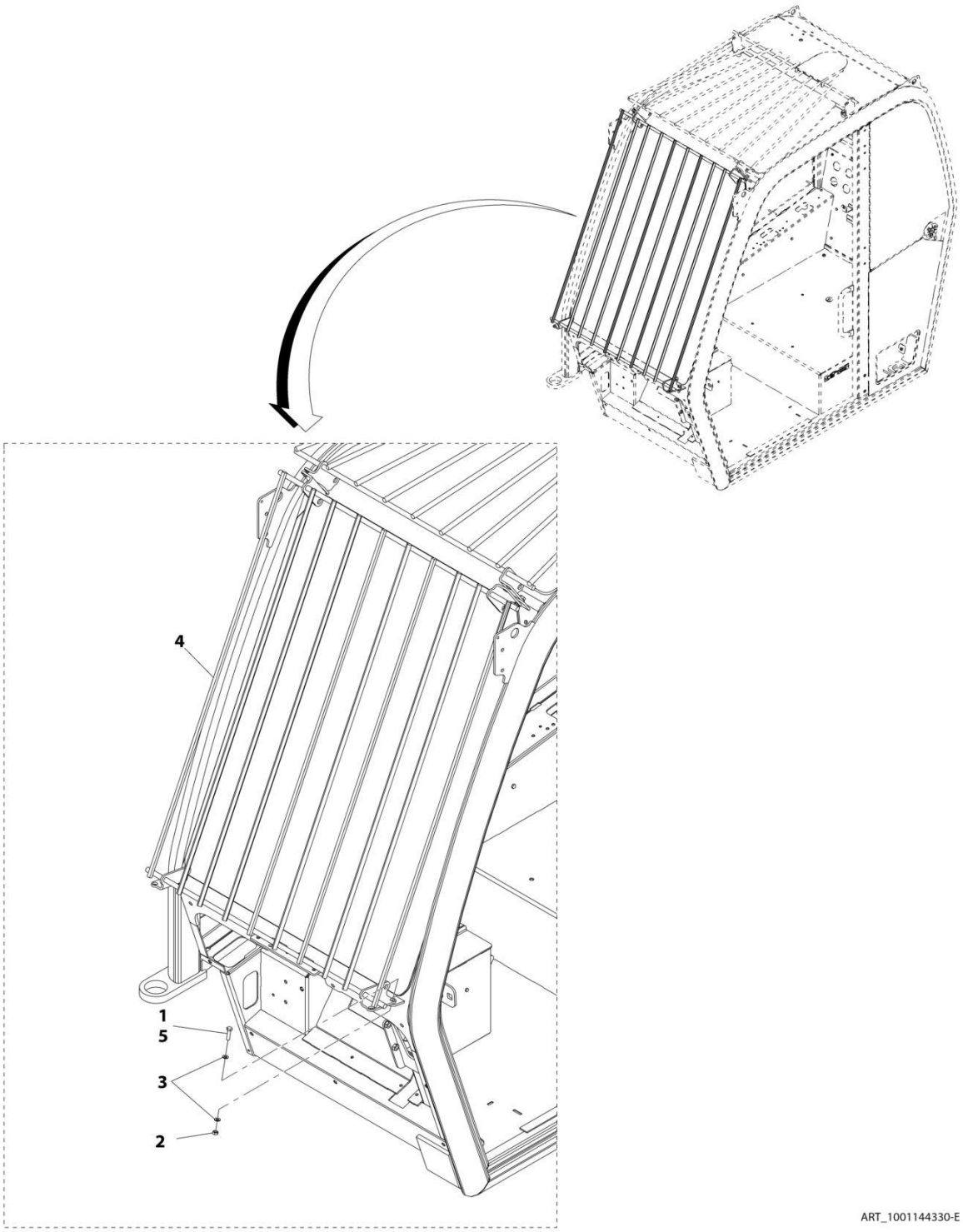
## FIGURE 6-50. TOP SCREEN GUARD INSTALLATION



## FIGURE 6-50. TOP SCREEN GUARD INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144329 | Ref | Top Screen Guard Installation | E |
| 1 | 0760808 | 2 | Bolt, M8X16 | |
| 2 | 0760814 | 2 | Bolt, M8X30 | |
| 3 | 3290801 | 2 | Nut, M8X1.25 | |
| 4 | 4811900 | 6 | Washer, M8 | |
| 5 | 1001187321 | 1 | Top Screen Guard | |
| 6 | 1001095650 | AR | Compound Locking | |

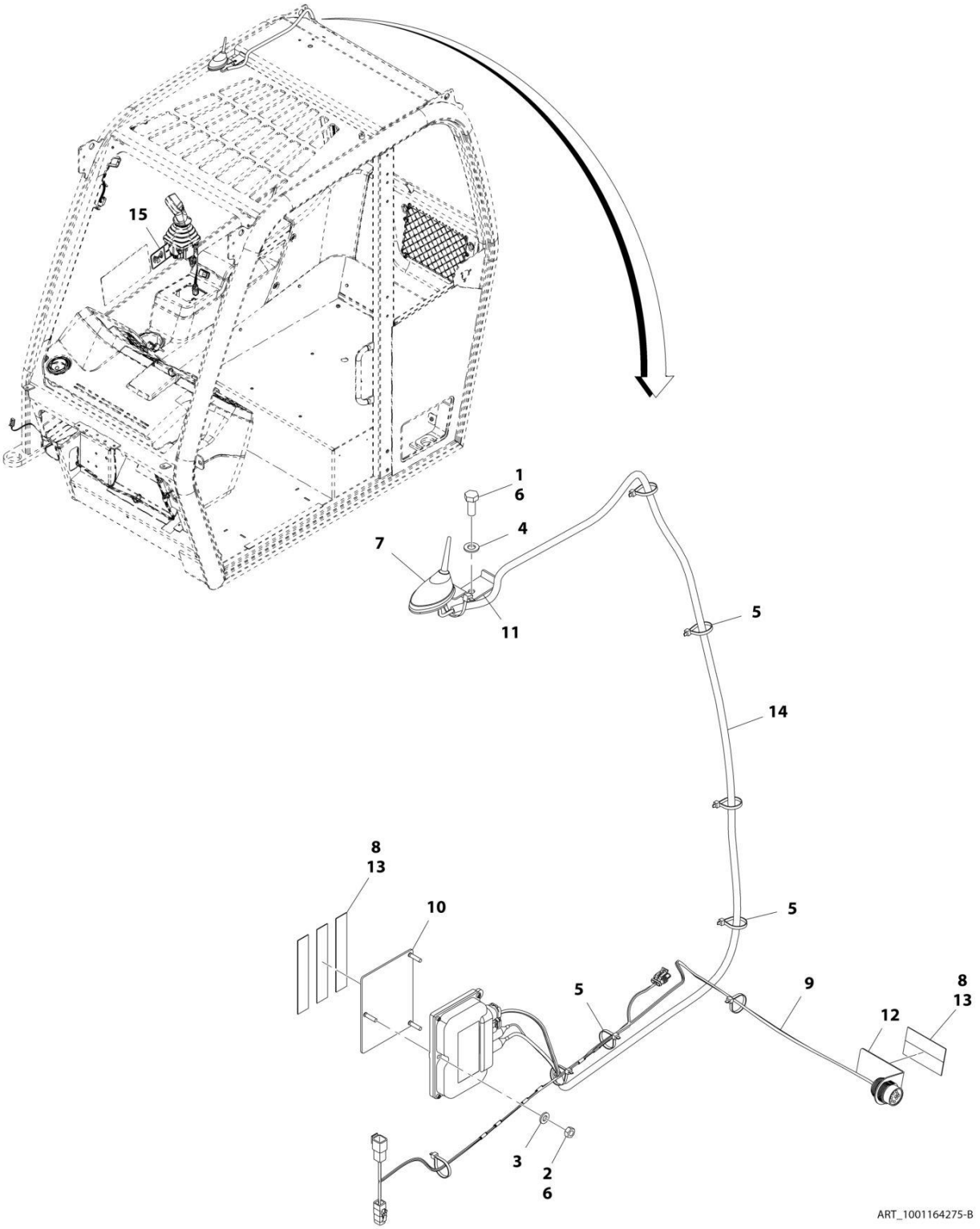
## FIGURE 6-51. FRONT SCREEN GUARD INSTALLATION



## FIGURE 6-51. FRONT SCREEN GUARD INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144330 | Ref | Front Screen Guard Installation | E |
| 1 | 0760814 | 2 | Bolt, M8X30 | |
| 2 | 3290801 | 2 | Nut, M8X1.25 | |
| 3 | 4811900 | 4 | Washer, M8 | |
| 4 | 1001144332 | 1 | Front Screen Guard | |
| 5 | 1001095650 | AR | Compound Locking | |

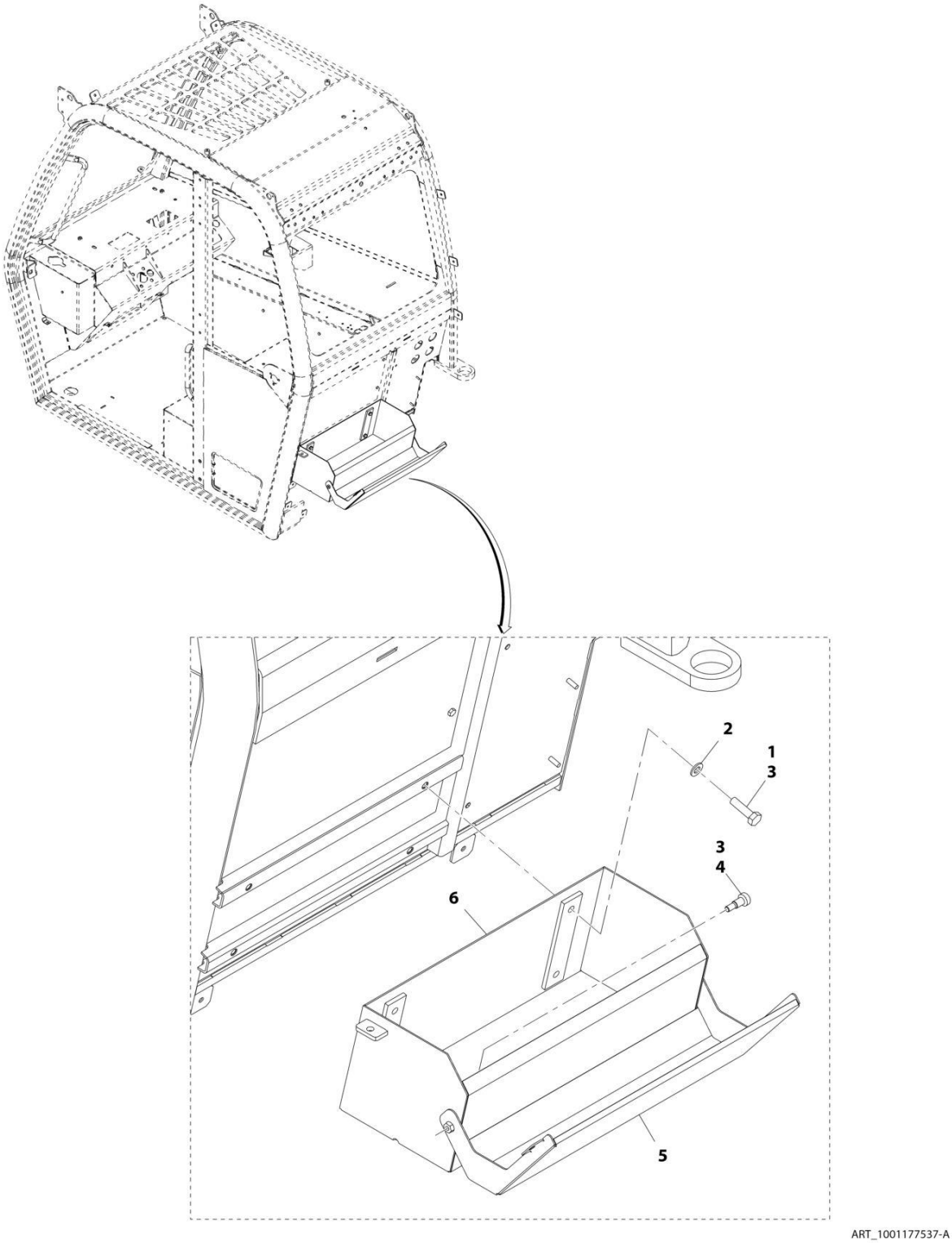
## FIGURE 6-52. CLEARSKY INSTALLATION



## FIGURE 6-52. CLEARSKY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001164275 | Ref | Installation, ClearSky | B |
| 1 | 0760810 | 1 | Bolt, M8X20 | |
| 2 | 3290601 | 3 | Nut, M6X1 | |
| 3 | 4811700 | 3 | Washer, M6 | |
| 4 | 4811900 | 1 | Washer, M8 | |
| 5 | 1001008559 | 9 | Strap, Cable | |
| 6 | 1001095650 | AR | Compound, Locking | |
| 7 | 1001102831 | 1 | Controller, Telematics CE | |
| 8 | 1001125465 | AR | Compound, Locking | |
| 9 | 1001164274 | 1 | Harness, Clearsky (See ELECTRICAL SECTION for Breakdown) | |
| 10 | 1001164388 | 1 | Bracket, Clearsky Module | |
| 11 | 1001164390 | 1 | Bracket, Clearsky ANT | |
| 12 | 1001164391 | 1 | Bracket, Clearsky DIAG CONN | |
| 13 | 1001165978 | 0.63 m | Tape, 3M | |
| 14 | 1001166282 | 1 | Conduit | |
| 15 | 1001120989 | 1 | Decal, Radio Frequency | |

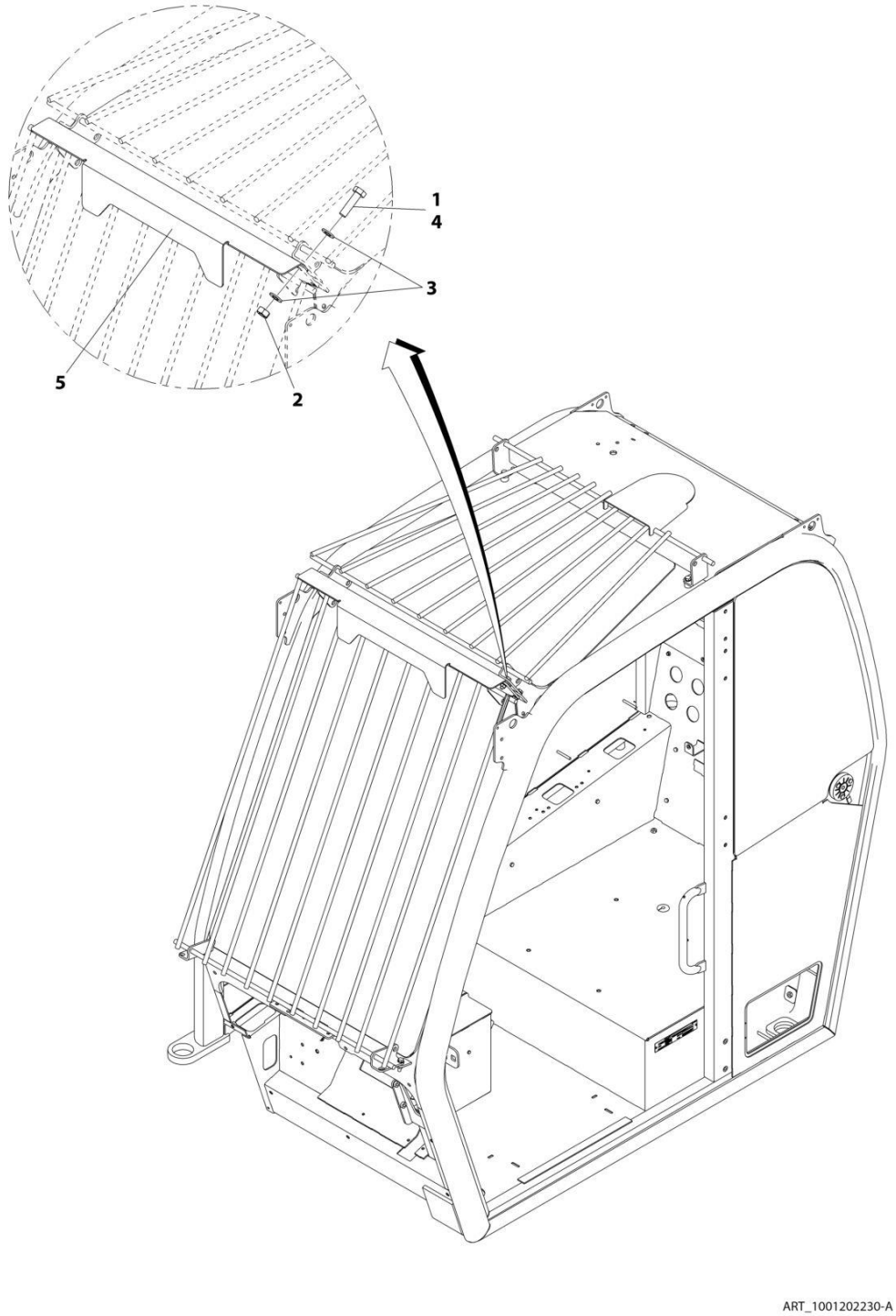
## FIGURE 6-53. TOOLBOX INSTALLATION



## FIGURE 6-53. TOOLBOX INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001177537 | Ref | Toolbox Installation | A |
| 1 | 0760814 | 4 | Bolt, M8X30 | |
| 2 | 4811900 | 4 | Washer, M8 | |
| 3 | 1001095650 | AR | Compound Locking | |
| 4 | 1001101999 | 2 | Screw, M8X12 | |
| 5 | 1001177676J | 1 | Toolbox Lid | |
| 6 | 1001177678J | 1 | Toolbox Body | |

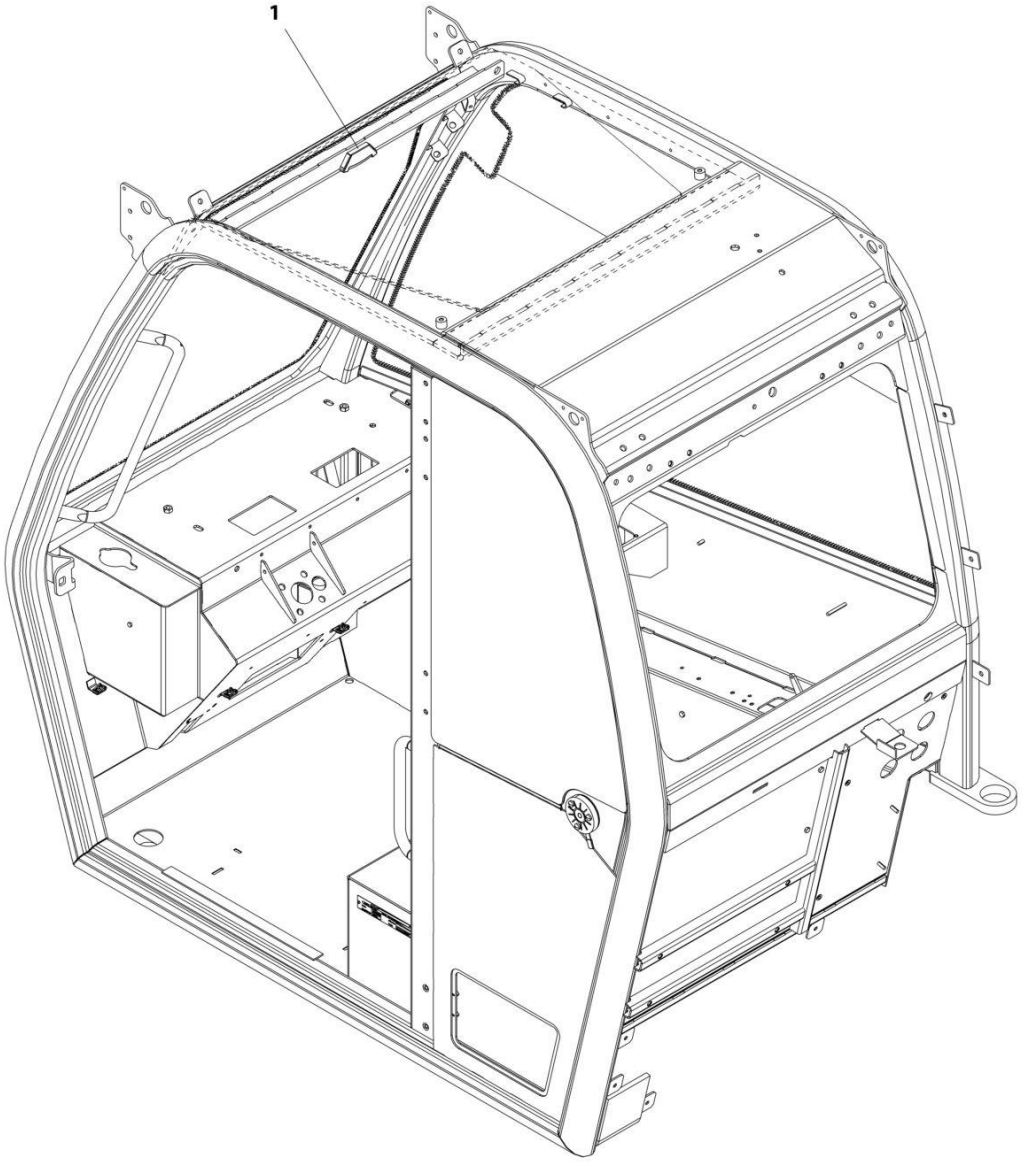
## FIGURE 6-54. FRONT LICENSE PLATE INSTALLATION



## FIGURE 6-54. FRONT LICENSE PLATE INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001202230 | Ref | Front License Plate Installation | A |
| 1 | 0760812 | 2 | Bolt, M8X25 | |
| 2 | 3290801 | 2 | Nut, M8X1.25 | |
| 3 | 4811900 | 4 | Washer, M8 | |
| 4 | 1001095650 | AR | Compound, Locking | |
| 5 | 1001202231 | 1 | Bracket | |

## FIGURE 6-55. LEVEL INDICATOR INSTALLATION

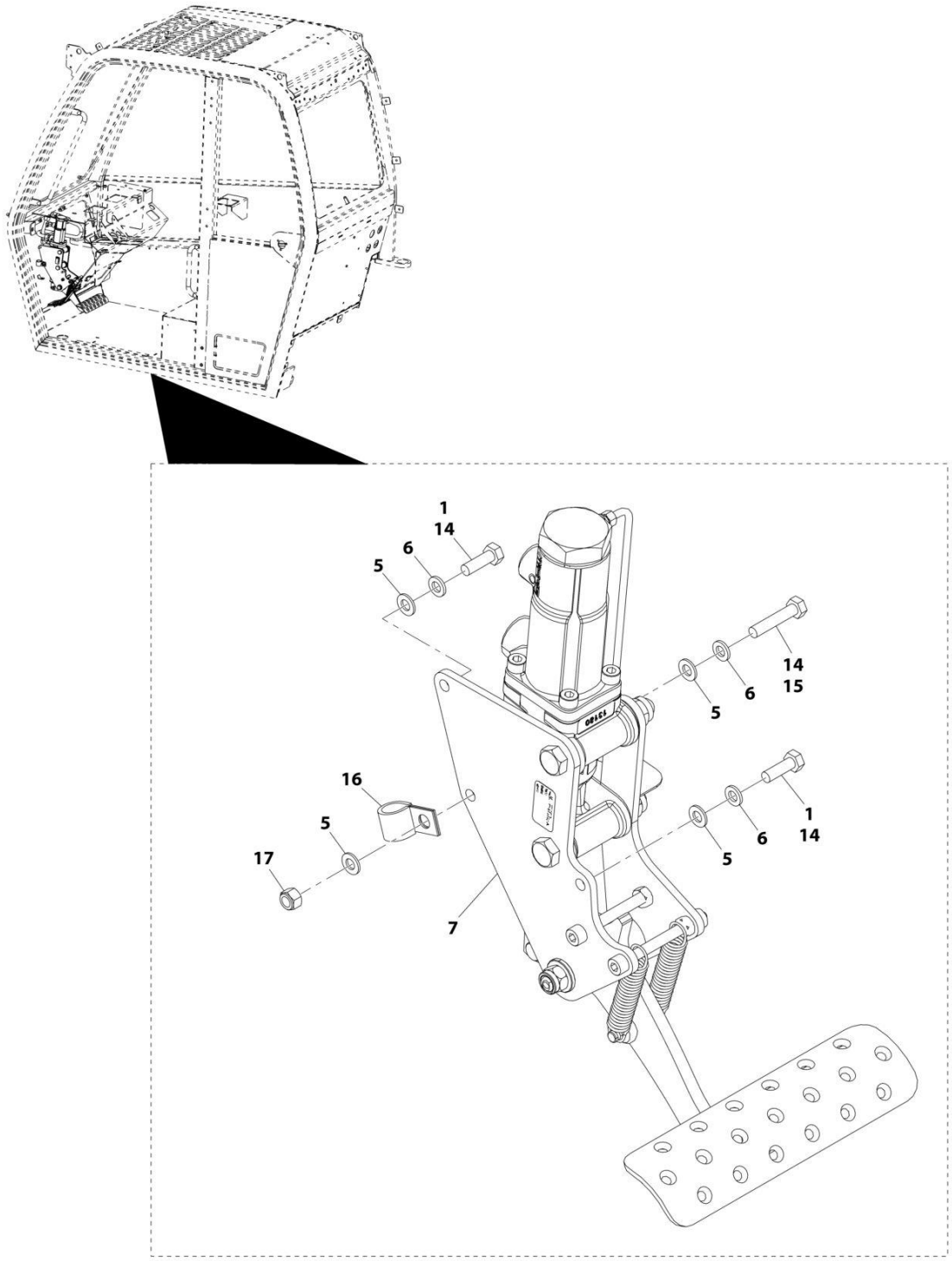


## FIGURE 6-55. LEVEL INDICATOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166926 | Ref | Level Indicator Installation | B |
| 1 | 8466306 | 1 | Gage, Tilt Angle | |

# SECTION 7 - CONTROLS

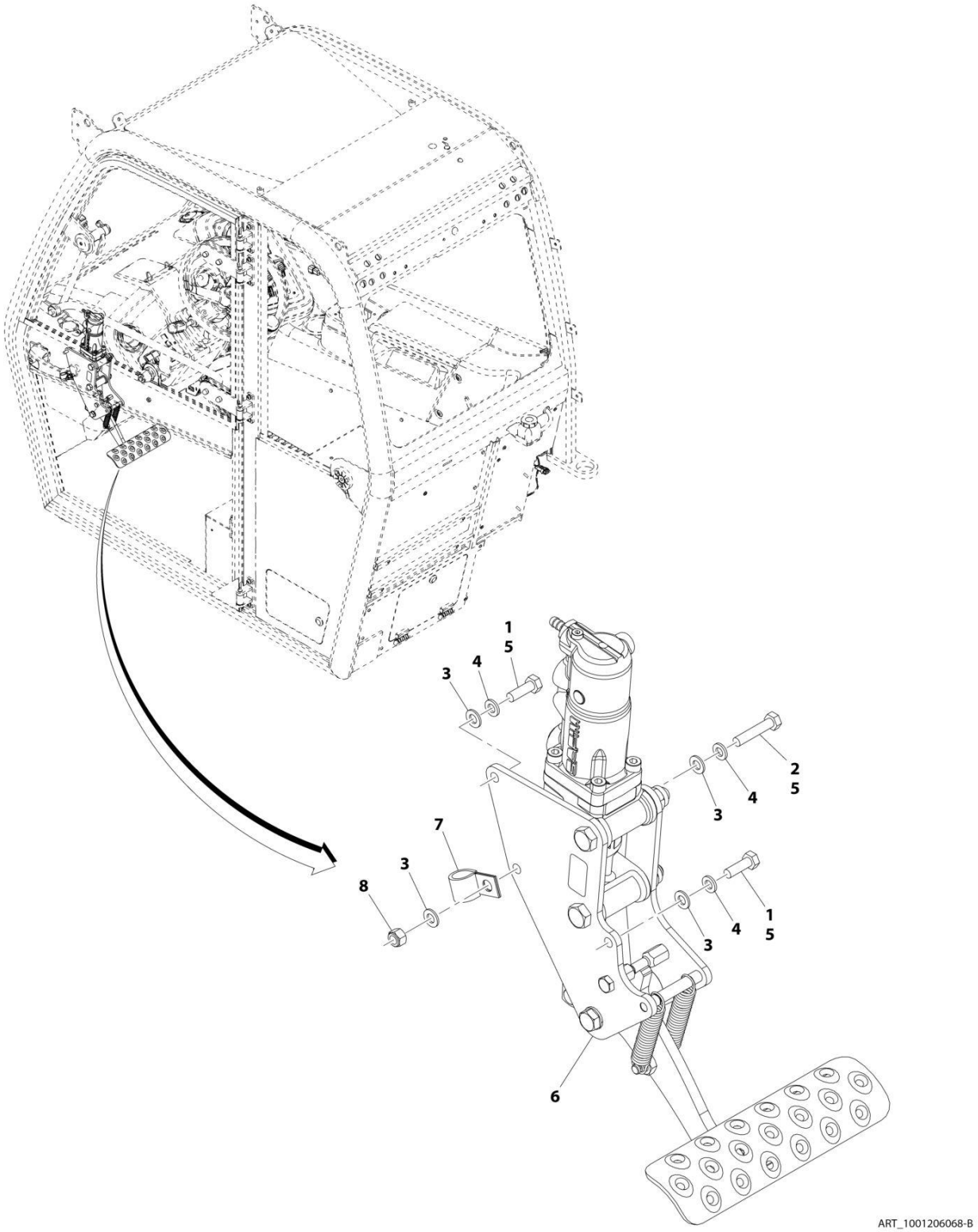
**FIGURE 7-1. BRAKE PEDAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 7-1. BRAKE PEDAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139977 | Ref | Brake Pedal Installation | G |
| 1 | 0760812 | 2 | Bolt, M8X25 | |
| 5 | 4811900 | 4 | Washer, M8 | |
| 6 | 4831900 | 3 | Washer, Lock 8 | |
| 7 | 1001166869 | 1 | Assembly, Brake Pedal (See BRAKE PEDAL ASSEMBLY for Breakdown) **(SN 1160007024 through 1160007473)** | |
| 7 | 1001181742 | 1 | Assembly, Brake Pedal (See BRAKE PEDAL ASSEMBLY for Breakdown) **(SN 1160007473 through 1160008790)** | |
| 14 | 1001095650 | AR | Compound, Locking | |
| 15 | 0760816 | 1 | Bolt, M8X40 | |
| 16 | 1001009207 | 1 | Clip | |
| 17 | 3290805 | 1 | Nut, Lock M8X1.25 | |

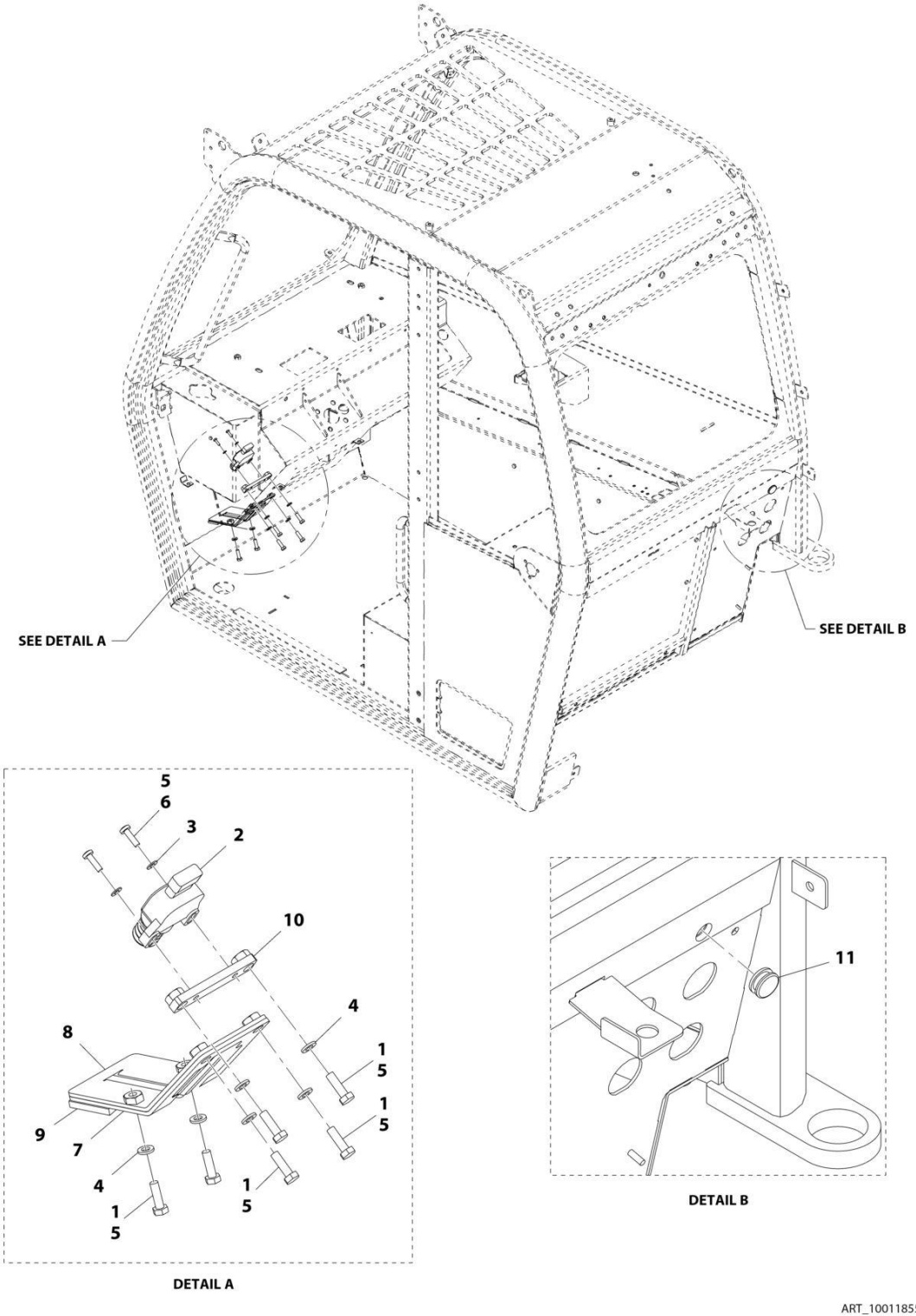
**FIGURE 7-2. BRAKE PEDAL INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 7-2. BRAKE PEDAL INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206068 | Ref | Brake Pedal Installation | B |
| 1 | 0760812 | 2 | Bolt, M8X25 | |
| 2 | 0760816 | 1 | Bolt, M8X40 | |
| 3 | 4811900 | 4 | Washer, M8 | |
| 4 | 4831900 | 3 | Washer, Lock M8 | |
| 5 | 1001095650 | AR | Compound, Locking | |
| 6 | 1001206067 | 1 | Assembly, Brake Pedal (See Separate Breakdown in this Section) | |
| 7 | 1001009207 | 1 | Clip | |
| 8 | 3290805 | 1 | Nut, Lock M8X1.25 | |

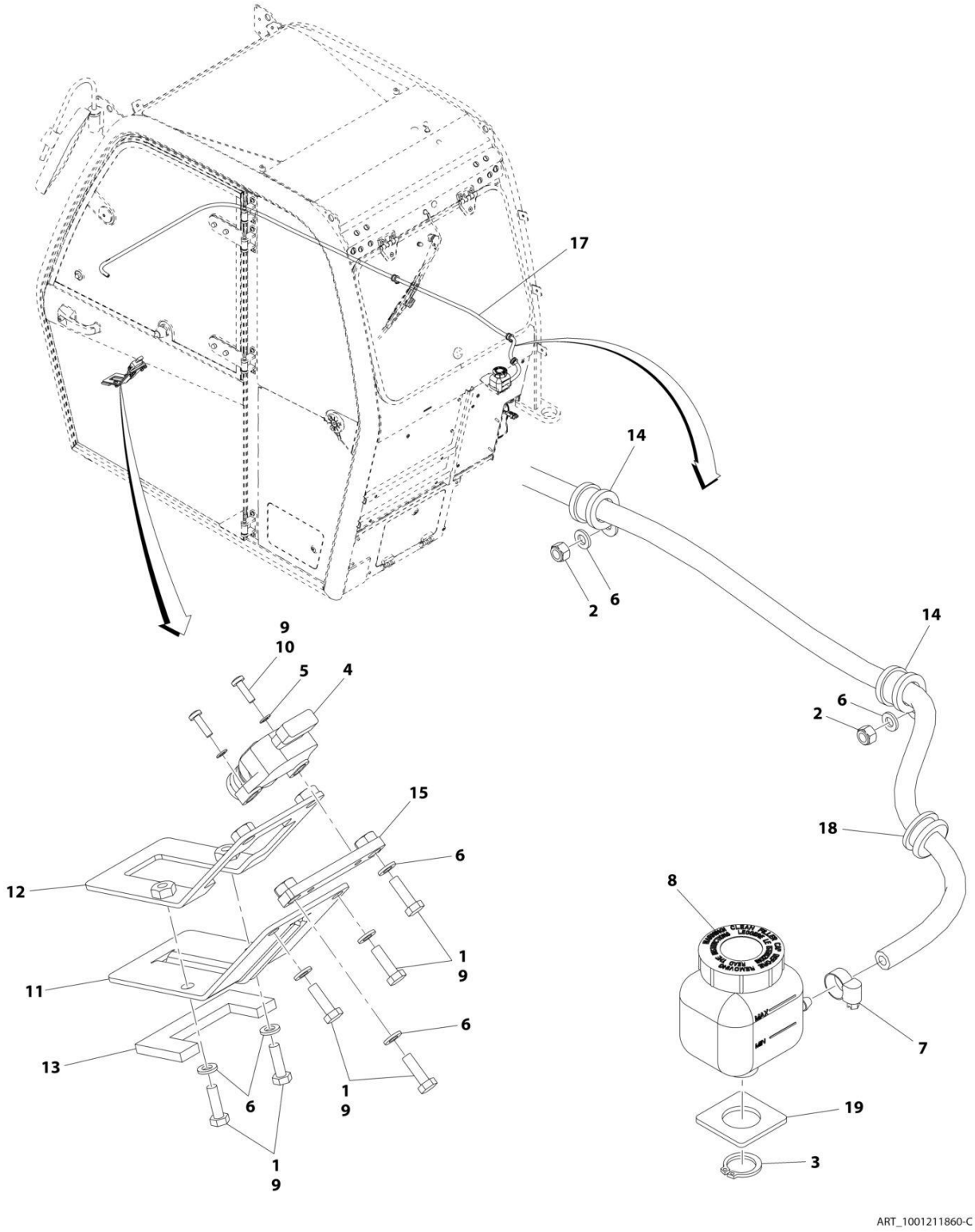
## FIGURE 7-3. BRAKE PEDAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)



## FIGURE 7-3. BRAKE PEDAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001185594 | Ref | Brake Pedal Installation Prep | C |
| 1 | 0760610 | 6 | Bolt, M6X20 | |
| 2 | 4360658 | 1 | Switch, Brake Light | |
| 3 | 4811400 | 2 | Washer, M4 | |
| 4 | 4811700 | 6 | Washer, M6 | |
| 5 | 1001095650 | AR | Compound, Locking | |
| 6 | 1001101540 | 2 | Screw, M4X14 | |
| 7 | 1001149490 | 1 | Seal, Brake Pedal Gasket | |
| 8 | 1001149538 | 1 | Plate Clamp | |
| 9 | 1001149552 | 1 | Seal | |
| 10 | 1001175842 | 1 | Plate | |
| 11 | 1001213461 | 1 | Plug | |

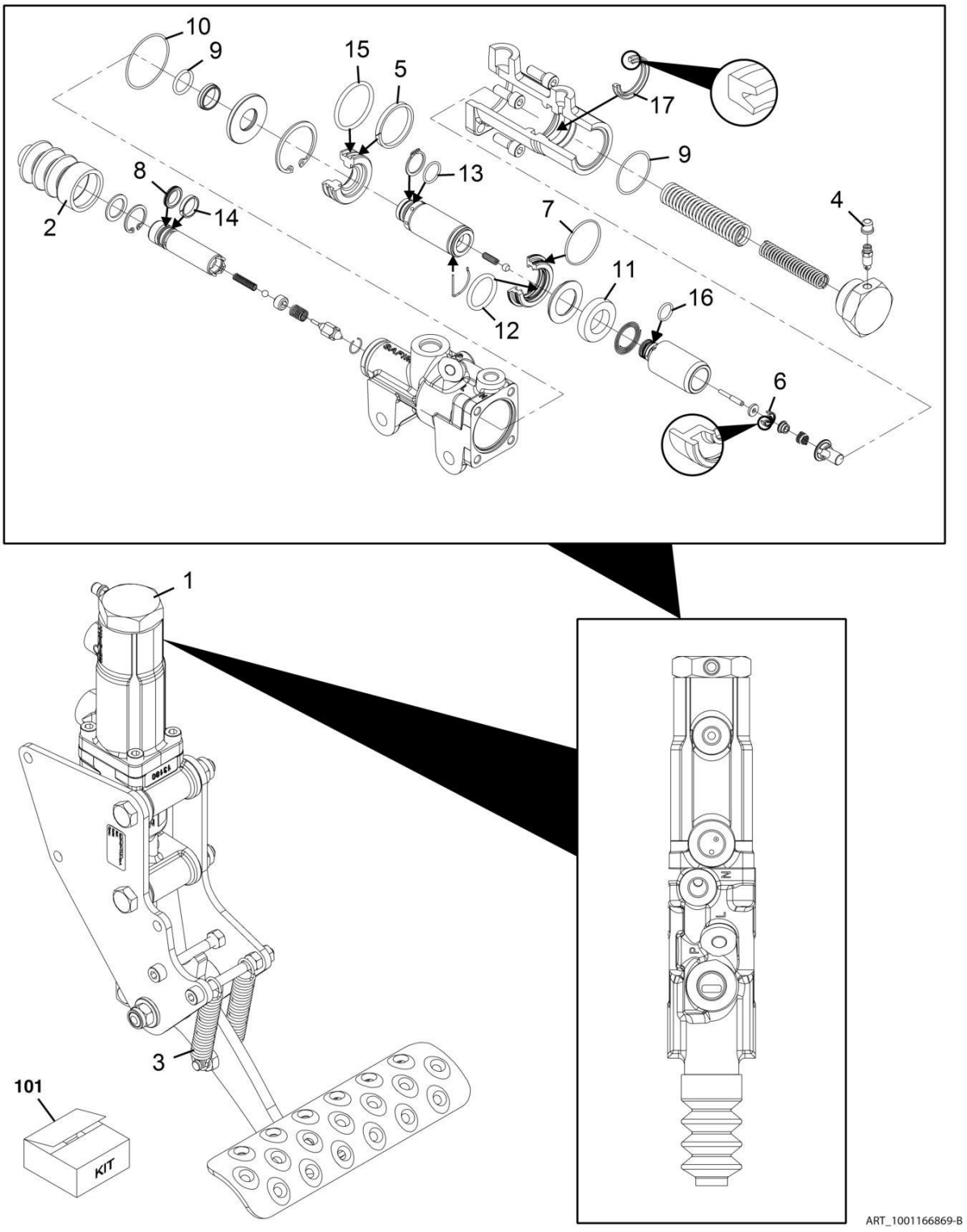
**FIGURE 7-4. BRAKE PEDAL INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 7-4. BRAKE PEDAL INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001211860 | Ref | Brake Pedal Installation | C |
| 1 | 0760610 | 6 | Bolt, M6X20 | |
| 2 | 3290605 | 2 | Nut, M6X1 | |
| 3 | 3760348 | 1 | Retaining Ring | |
| 4 | 4360658 | 1 | Switch, Brake Light | |
| 5 | 4811400 | 2 | Washer, M4 | |
| 6 | 4811700 | 8 | Washer, M6 | |
| 7 | 8405009 | 1 | Gear Clamp | |
| 8 | 1001214220 | 1 | Brake Reservoir | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 10 | 1001101540 | 2 | Screw, M4X14 | |
| 11 | 1001149490 | 1 | Seal, Brake Pedal Gasket | |
| 12 | 1001149538 | 1 | Plate Clamp | |
| 13 | 1001149552 | 1 | Seal | |
| 14 | 1001170231 | 2 | P-Clip M6X15 | |
| 15 | 1001175842 | 1 | Plate | |
| 17 | 1001211318 | 1 | Hose | |
| 18 | 1001213460 | 1 | Plug | |
| 19 | 1001213841 | 1 | Seal | |

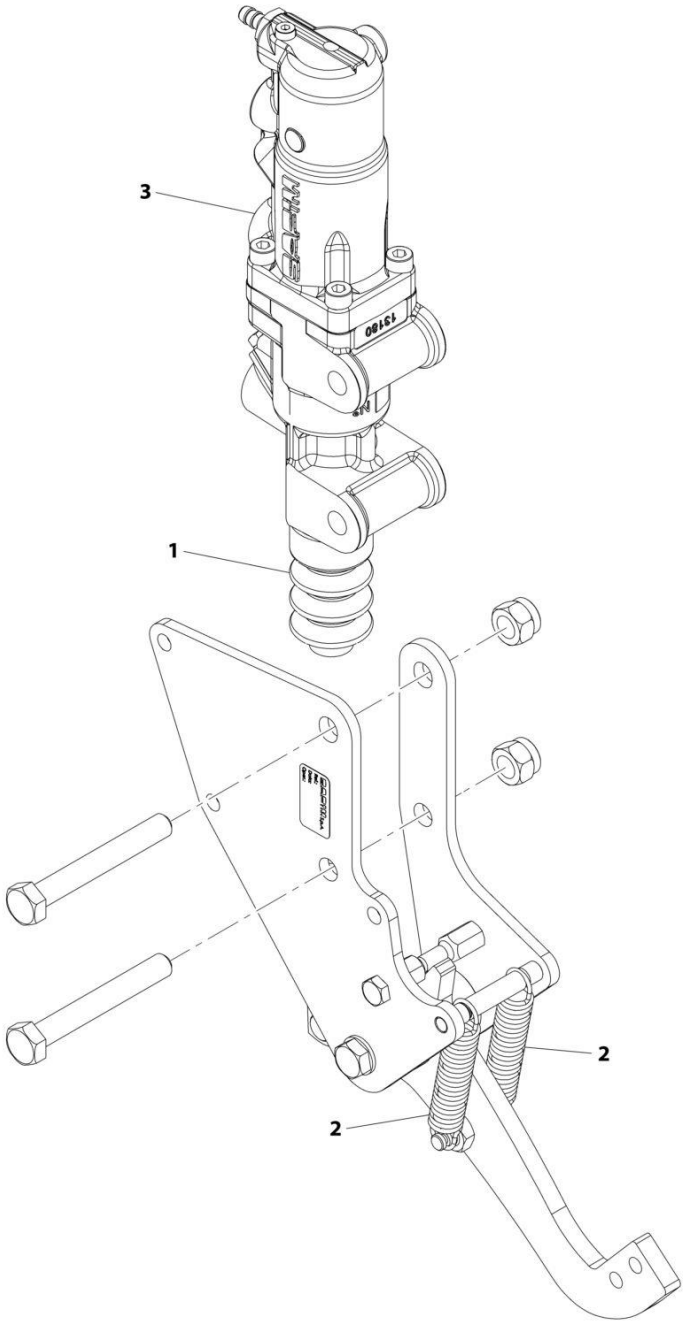
**FIGURE 7-5. BRAKE PEDAL ASSEMBLY (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 7-5. BRAKE PEDAL ASSEMBLY (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166869 | Ref | Brake Pedal Assembly | B |
| | 1001181742 | 1 | Brake Pedal Assembly **(SN 1160007473 through 1160008790)** | A |
| 1 | 70025858 | 1 | Cylinder, Master | |
| 2 | 70025859 | 1 | Cover, Dust | |
| 3 | 70025860 | 1 | Spring, Return | |
| 4 | 70025861 | 1 | Cover, Bleeding Screw Dust | |
| 5 | Kit | 1 | Ring, Retaining | |
| 6 | Kit | 1 | Lip Gasket | |
| 7 | Kit | 1 | O-ring | |
| 8 | Kit | 1 | Seal, Special | |
| 9 | Kit | 1 | O-ring | |
| 10 | Kit | 1 | O-ring | |
| 11 | Kit | 1 | Gasket, Rectangular Section | |
| 12 | Kit | 1 | O-ring | |
| 13 | Kit | 1 | O-ring | |
| 14 | Kit | 1 | Ring, Retaining | |
| 15 | Kit | 1 | O-ring | |
| 16 | Kit | 1 | O-ring | |
| 17 | Kit | 1 | Gasket, Lip | |
| 101 | 70025862 | 1 | Kit, Master Cylinder Seal (includes items 5 thru 17) | |

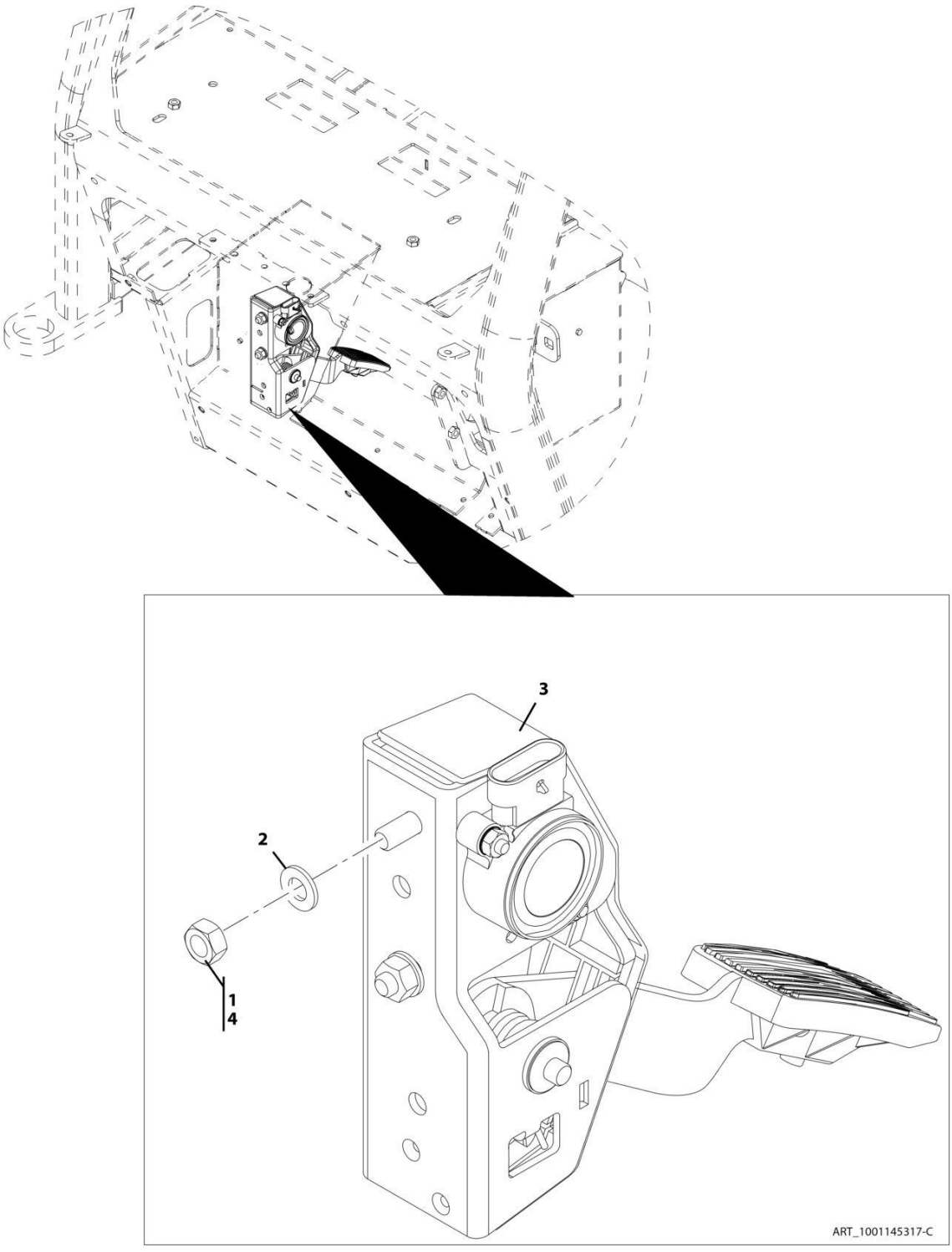
**FIGURE 7-6. BRAKE PEDAL ASSEMBLY (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 7-6. BRAKE PEDAL ASSEMBLY (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206067 | Ref | Brake Pedal Assembly | C |
| 1 | 70025859 | 1 | Dust Cover | |
| 2 | 70025860 | 2 | Return Spring | |
| 3 | N.S.S. | 1 | Master Cylinder | |

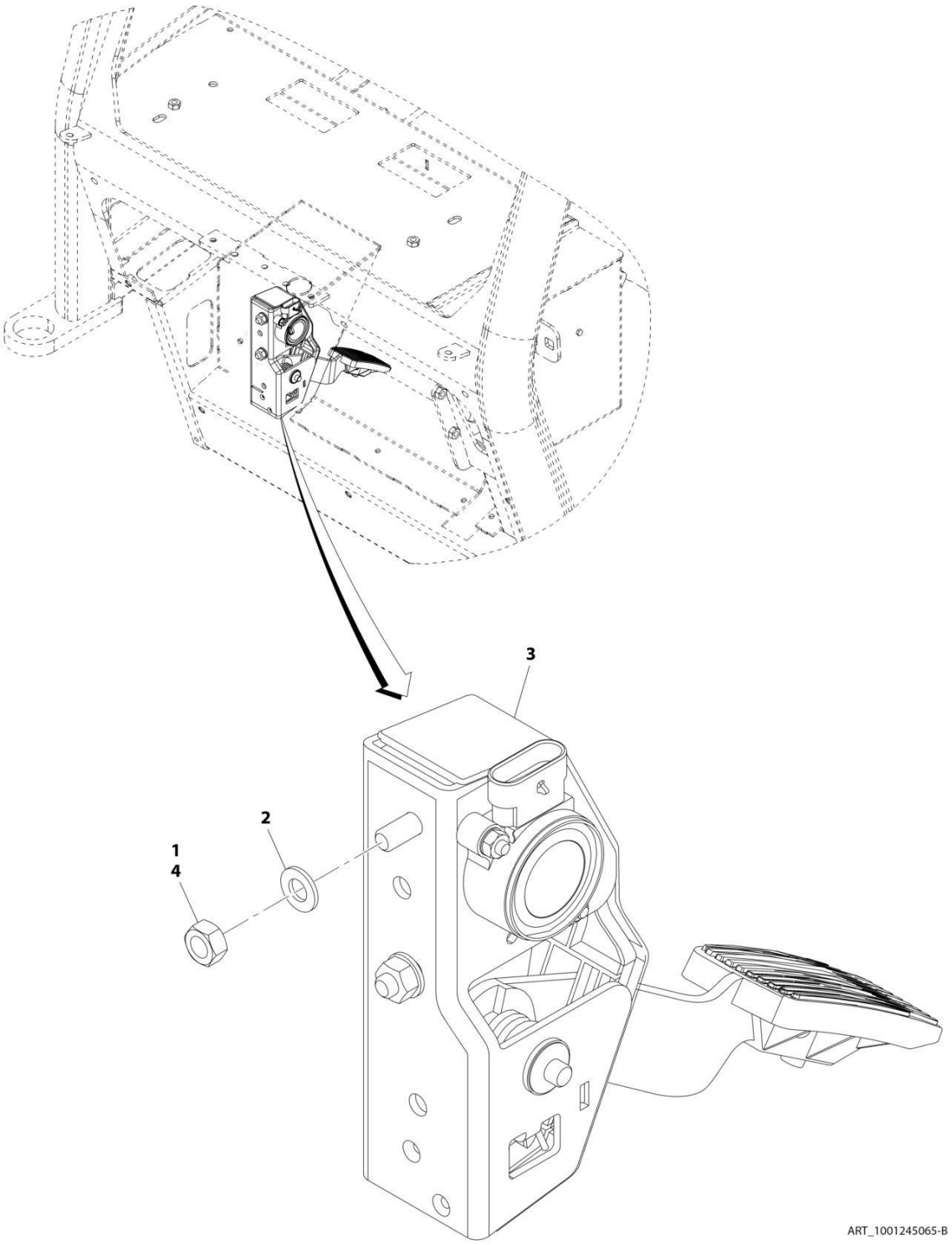
**FIGURE 7-7. ACCELERATOR PEDAL INSTALLATION (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-7. ACCELERATOR PEDAL INSTALLATION (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145317 | Ref | Accelerator Pedal Installation | C |
| 1 | 3290801 | 2 | Nut, M8X1.25 | |
| 2 | 4811900 | 2 | Washer, M8 | |
| 3 | 1001145316 | 1 | Assembly, Accelerator Pedal (See ACCELERATOR PEDAL for Breakdown) | |
| 4 | 1001095650 | AR | Compound, Locking | |

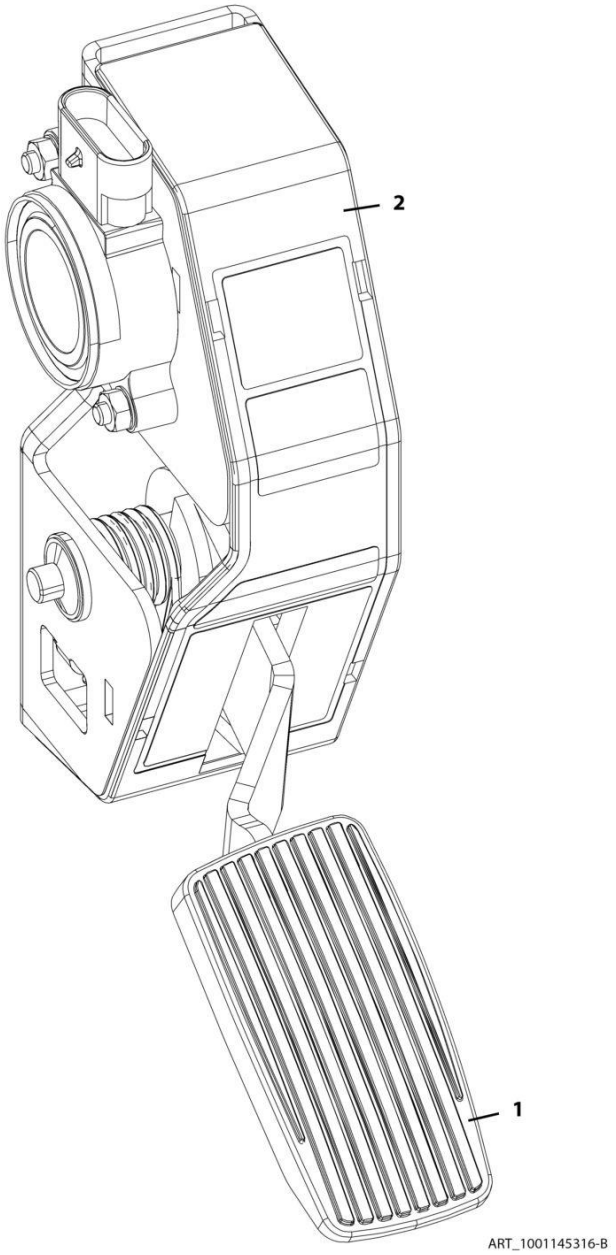
**FIGURE 7-8. ACCELERATOR PEDAL INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-8. ACCELERATOR PEDAL INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001245065 | Ref | Accelerator Pedal Installation | B |
| 1 | 3290801 | 2 | Nut, M8X1.25 | |
| 2 | 4811900 | 2 | Washer, M8 | |
| 3 | 1001159028 | 1 | Assembly, Accelerator Pedal (See Separate Breakdown in this Section) | |
| 4 | 1001095650 | AR | Compound, Locking | |

**FIGURE 7-9. ACCELERATOR PEDAL (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-9. ACCELERATOR PEDAL (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145316 | Ref | Accelerator Pedal | B |
| 1 | 70025816 | 1 | Pad, Rubber | |
| 2 | 70025817 | 1 | Cover, Rubber | |

**FIGURE 7-10. ACCELERATOR PEDAL (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

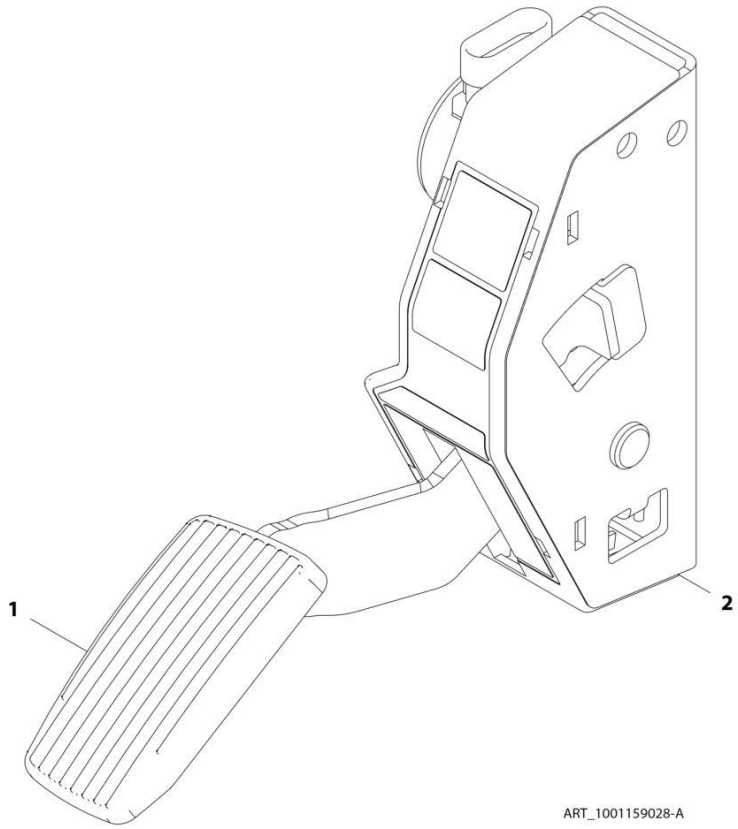
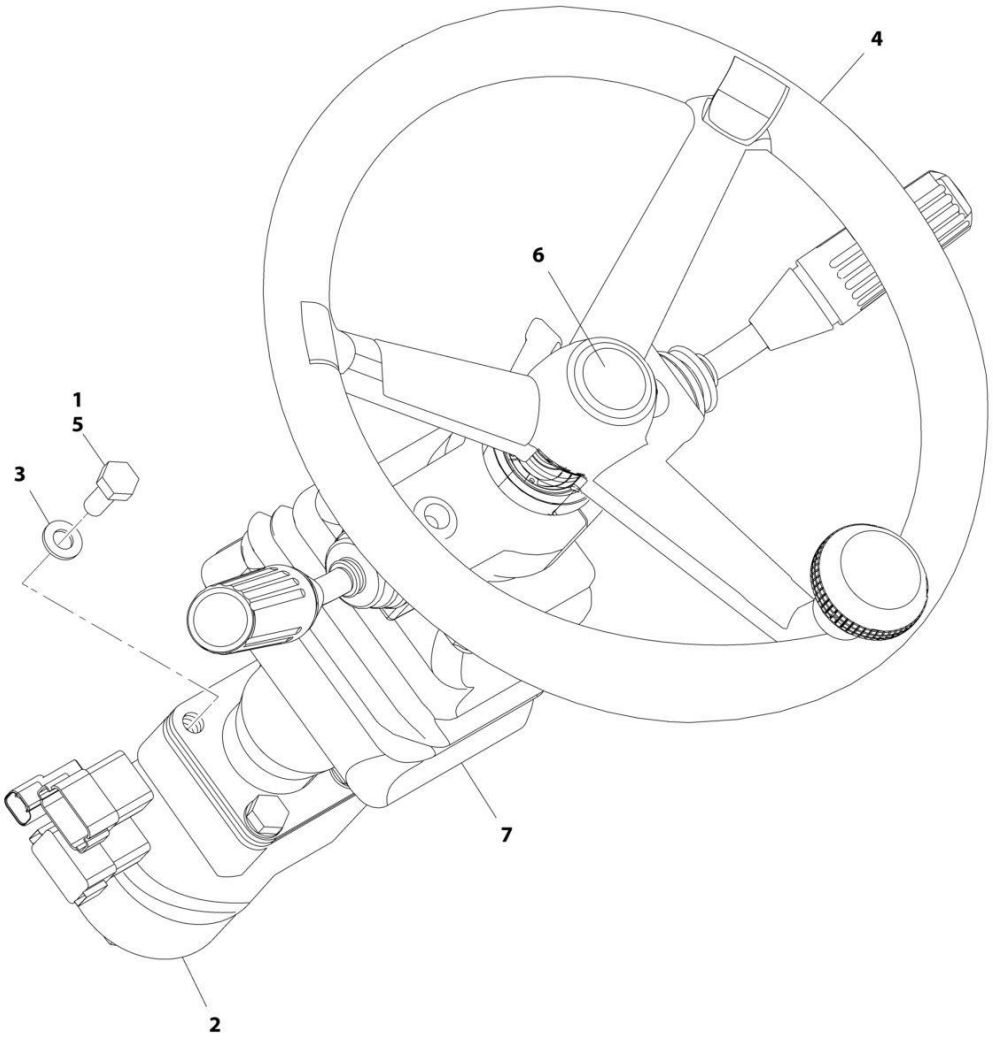


**FIGURE 7-10. ACCELERATOR PEDAL (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

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

**FIGURE 7-11. STEER COLUMN INSTALLATION (FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 7-11. STEER COLUMN INSTALLATION (FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139769 | Ref | Steering Column Install (FNR Lever) | B |
| 1 | 0761012 | 4 | Bolt, M10X25 | |
| 2 | 4641521 | 1 | Valve, Steering | |
| 3 | 4812000 | 4 | Washer, M10 | |
| 4 | 1001091033 | 1 | Wheel, Steering (See STEERING WHEEL for Breakdown) | |
| 5 | 1001095650 | AR | Compound, Locking | |
| 6 | 1001135838 | 1 | Insert, Steering Wheel (JLG) | |
| 7 | 1001143430 | 1 | Column, Steering (See STEERING COLUMN (FNR LEVER) for Breakdown) | |

**FIGURE 7-12. STEER COLUMN INSTALLATION (FNR LEVER) (SN E160000141 through E160000341, Except SN E160000328 through E160000332, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000336)**

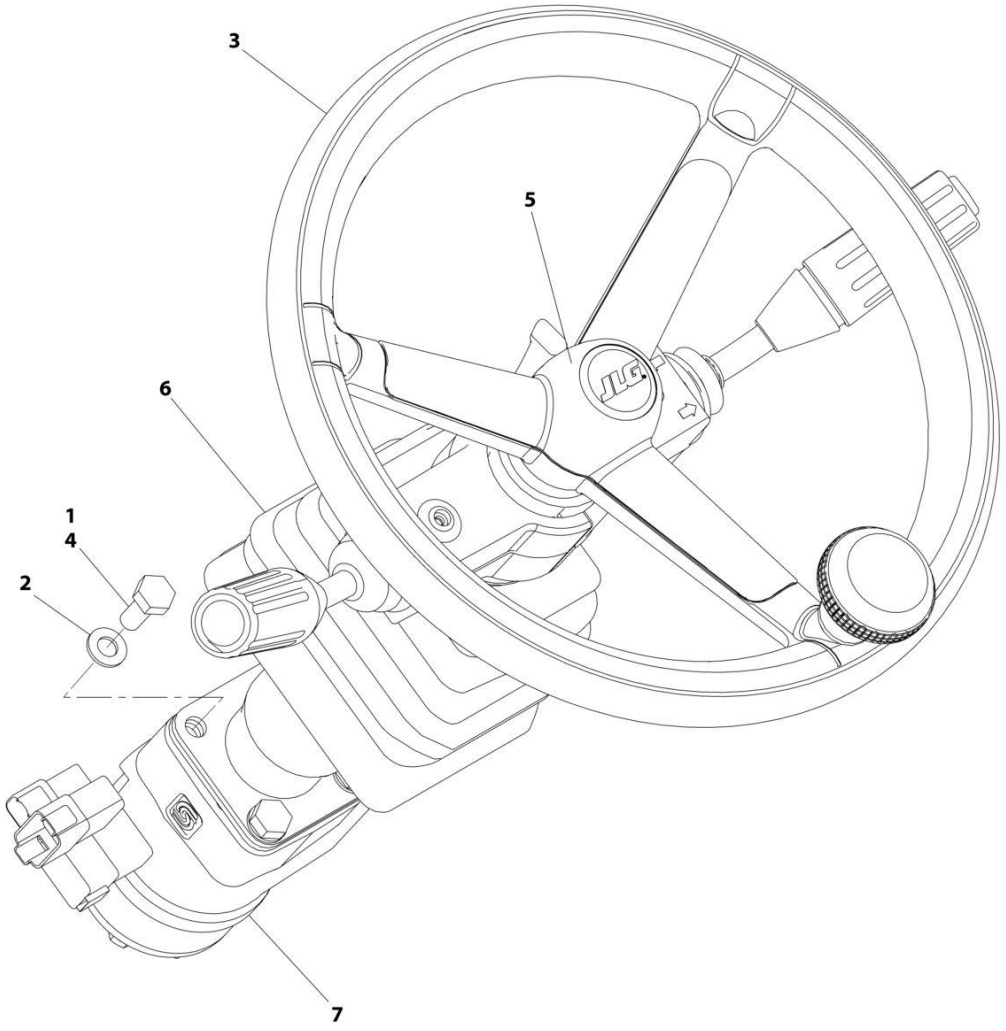


**FIGURE 7-12. STEER COLUMN INSTALLATION (FNR LEVER) (SN E160000141 through E160000341, Except SN E160000328 through E160000332, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212939 | Ref | Steering Column Install (FNR Lever) | B |
| 1 | 0761012 | 4 | Bolt, M10X25 | |
| 2 | 4812000 | 4 | Washer, M10 | |
| 3 | 1001091033 | 1 | Wheel, Steering (See Separate Breakdown in this Section) | |
| 4 | 1001095650 | AR | Compound, Locking | |
| 5 | 1001135838 | 1 | Insert, Steering Wheel (JLG) | |
| 6 | 1001143430 | 1 | Column, Steering (See Separate Breakdown in this Section) | |
| 7 | 1001219396 | 1 | Valve, Steering | |

**FIGURE 7-13. STEERING COLUMN (FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

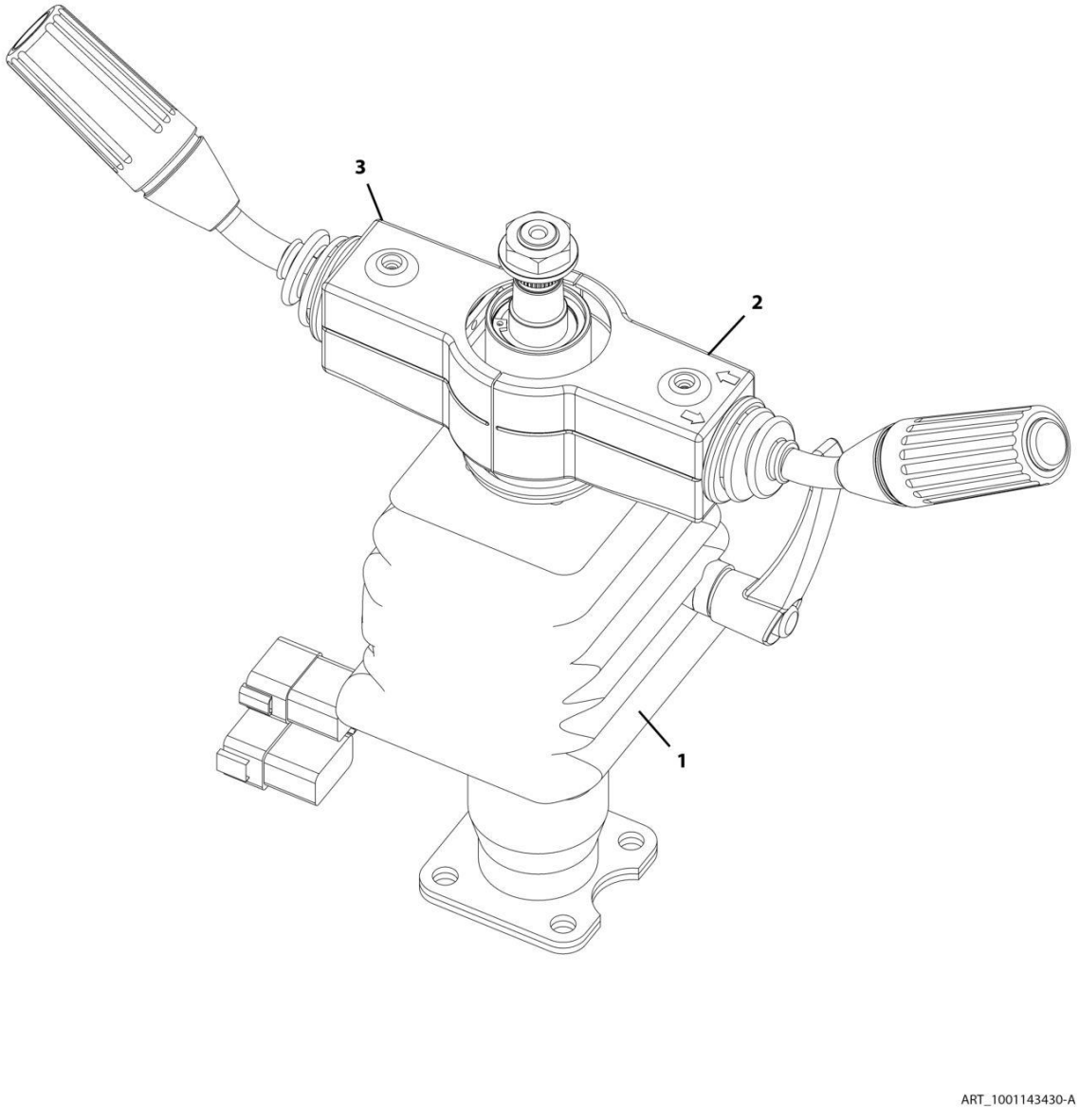
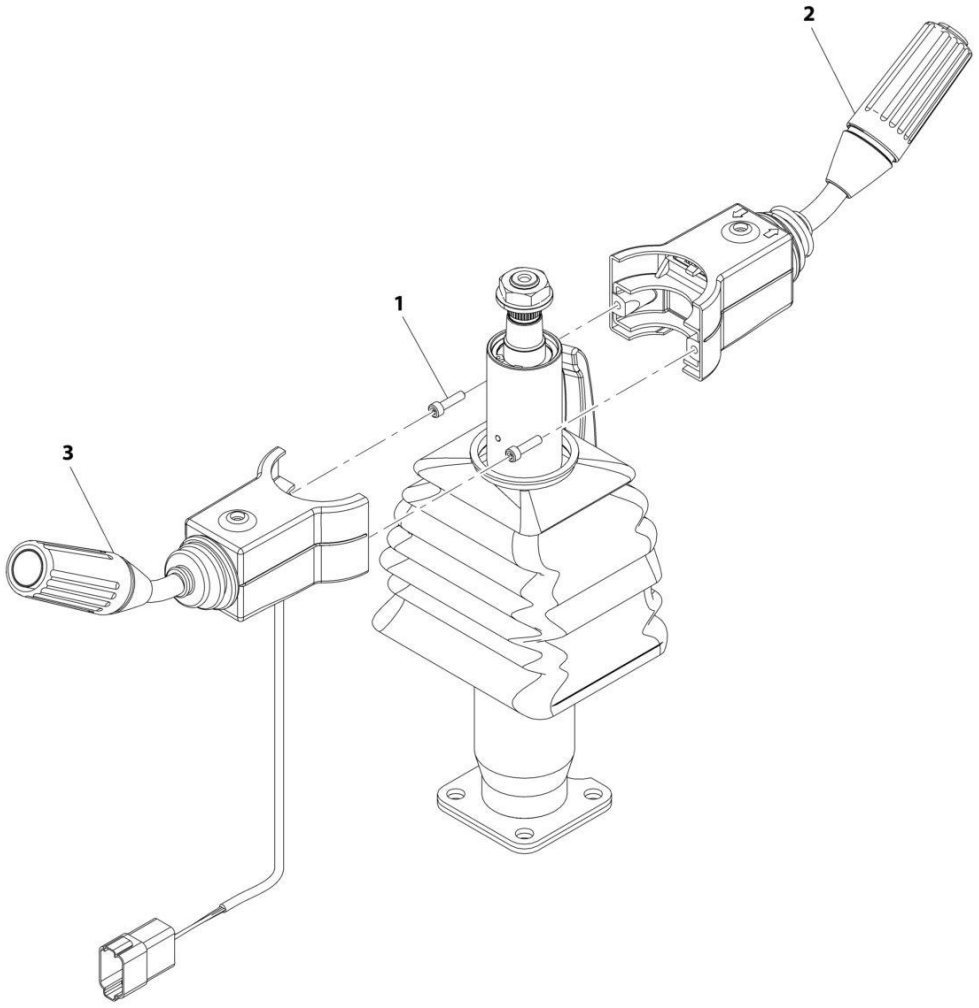


**FIGURE 7-13. STEERING COLUMN (FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143430 | 1 | Steering Column (FNR Lever) | A |
| 1 | 1001143432 | 1 | Column, Steering | |
| 2 | 1001145021 | 1 | Switch, Turn-Wiper | |
| 3 | 1001145022 | 1 | Switch, FNR | |

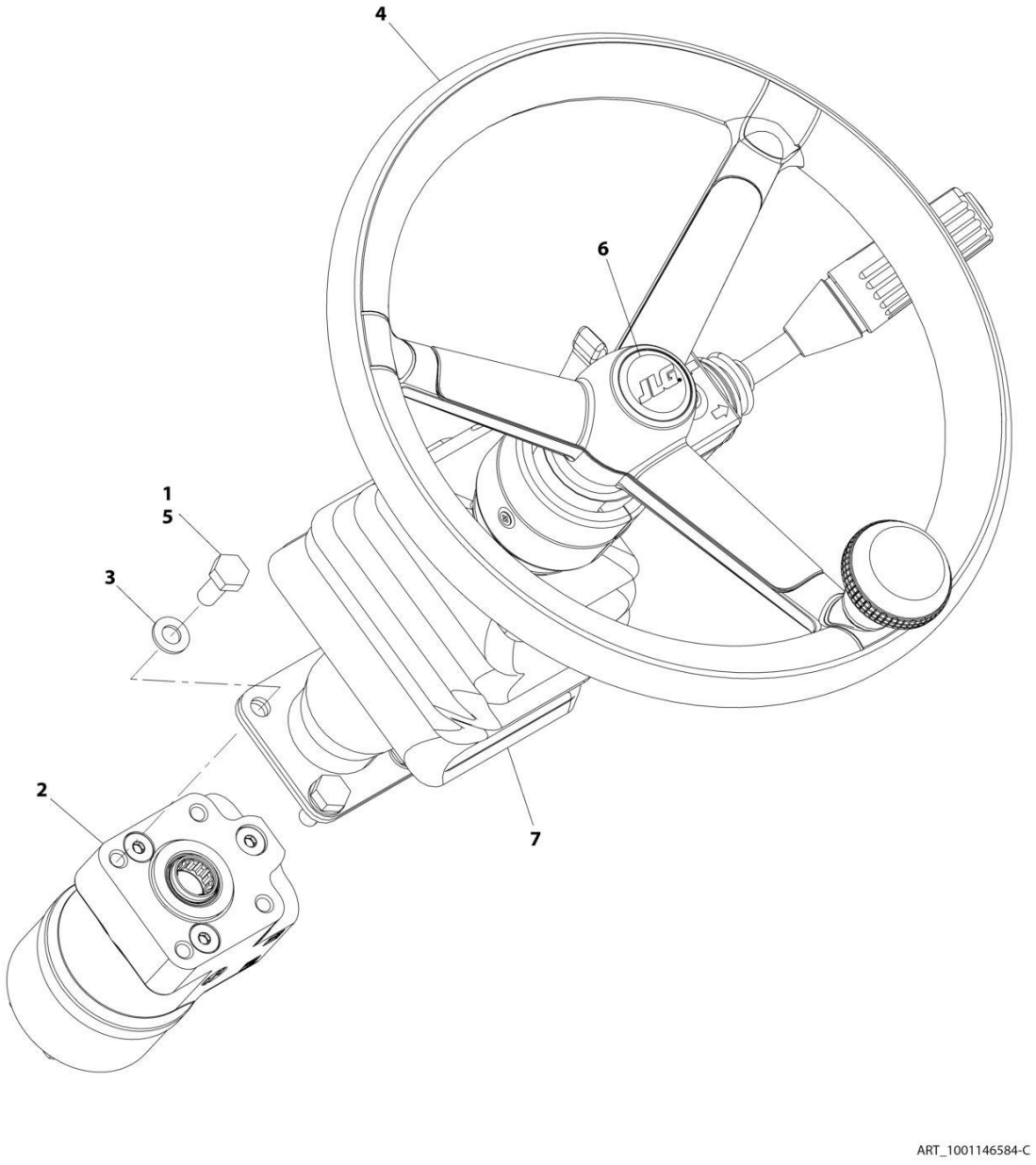
**FIGURE 7-14. STEERING COLUMN SWITCH (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-14. STEERING COLUMN SWITCH (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248291 | Ref | Steering Column Switch (FNR Lever) | A |
| 1 | 4031608 | 1 | Bolt, M5X20 | |
| 2 | 1001145021 | 1 | Switch, Turn-Wiper | |
| 3 | 1001145022 | 1 | Switch, FNR | |

**FIGURE 7-15. STEERING COLUMN INSTALLATION (NO FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 7-15. STEERING COLUMN INSTALLATION (NO FNR LEVER) (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146584 | Ref | Steering Column Installation (No FNR Lever) | C |
| 1 | 0761012 | 4 | Bolt, M10X25 | |
| 2 | 4641521 | 1 | Valve, Steering | |
| 3 | 4812000 | 4 | Washer, M10 | |
| 4 | 1001091033 | 1 | Wheel, Steering (See STEERING WHEEL for Breakdown) | |
| 5 | 1001095650 | 1 | Compound, Locking | |
| 6 | 1001135838 | 1 | Insert, Steering Wheel (JLG) | |
| 7 | 1001146898 | 1 | Column, Steering (See STEERING COLUMN (NO FNR LEVER) for Breakdown) | |

**FIGURE 7-16. STEERING COLUMN INSTALLATION (NO FNR LEVER) (SN E160000141 through E160000341, Except SN E160000328 through E160000332, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000336)**

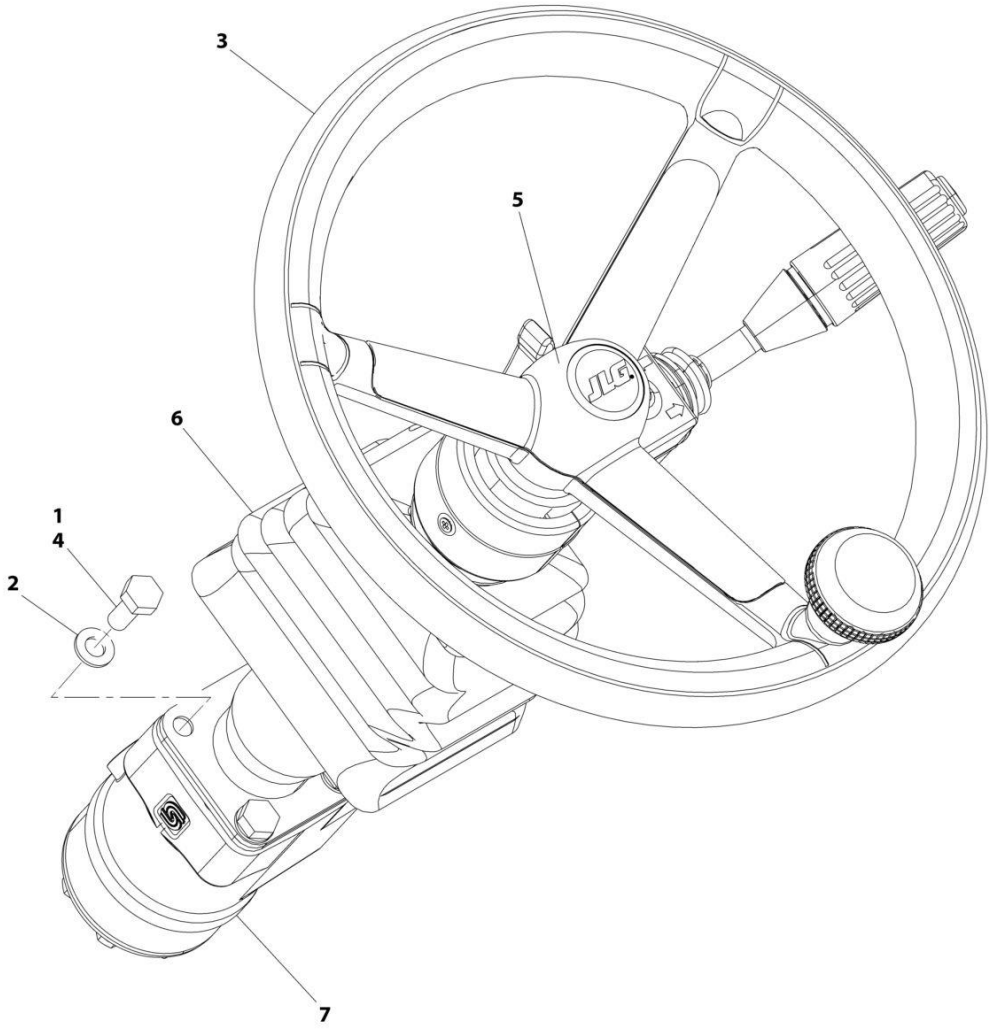
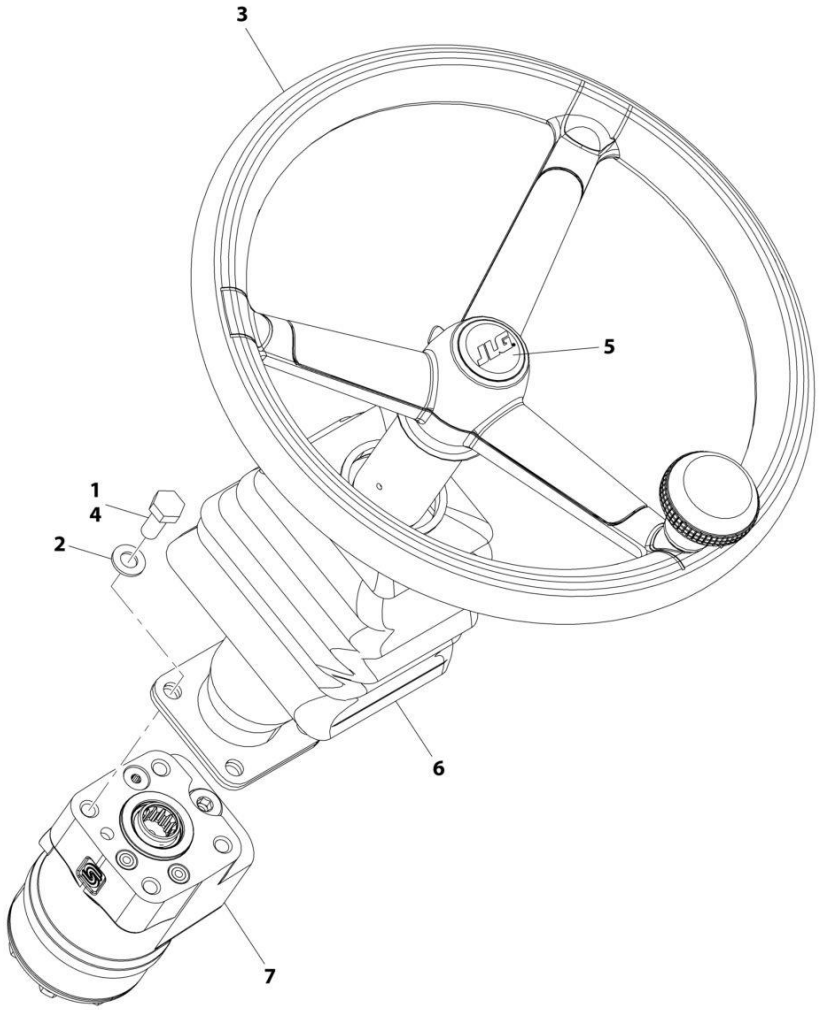


**FIGURE 7-16. STEERING COLUMN INSTALLATION (NO FNR LEVER) (SN E160000141 through E160000341, Except SN E160000328 through E160000332, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001212940 | Ref | Steering Column Installation (No FNR Lever) | B |
| 1 | 0761012 | 4 | Bolt, M10X25 | |
| 2 | 4812000 | 4 | Washer, M10 | |
| 3 | 1001091033 | 1 | Wheel, Steering (See Separate Breakdown in this Section) | |
| 4 | 1001095650 | 1 | Compound, Locking | |
| 5 | 1001135838 | 1 | Insert, Steering Wheel (JLG) | |
| 6 | 1001146898 | 1 | Column, Steering (See Separate Breakdown in this Section) | |
| 7 | 1001219396 | 1 | Valve, Steering | |

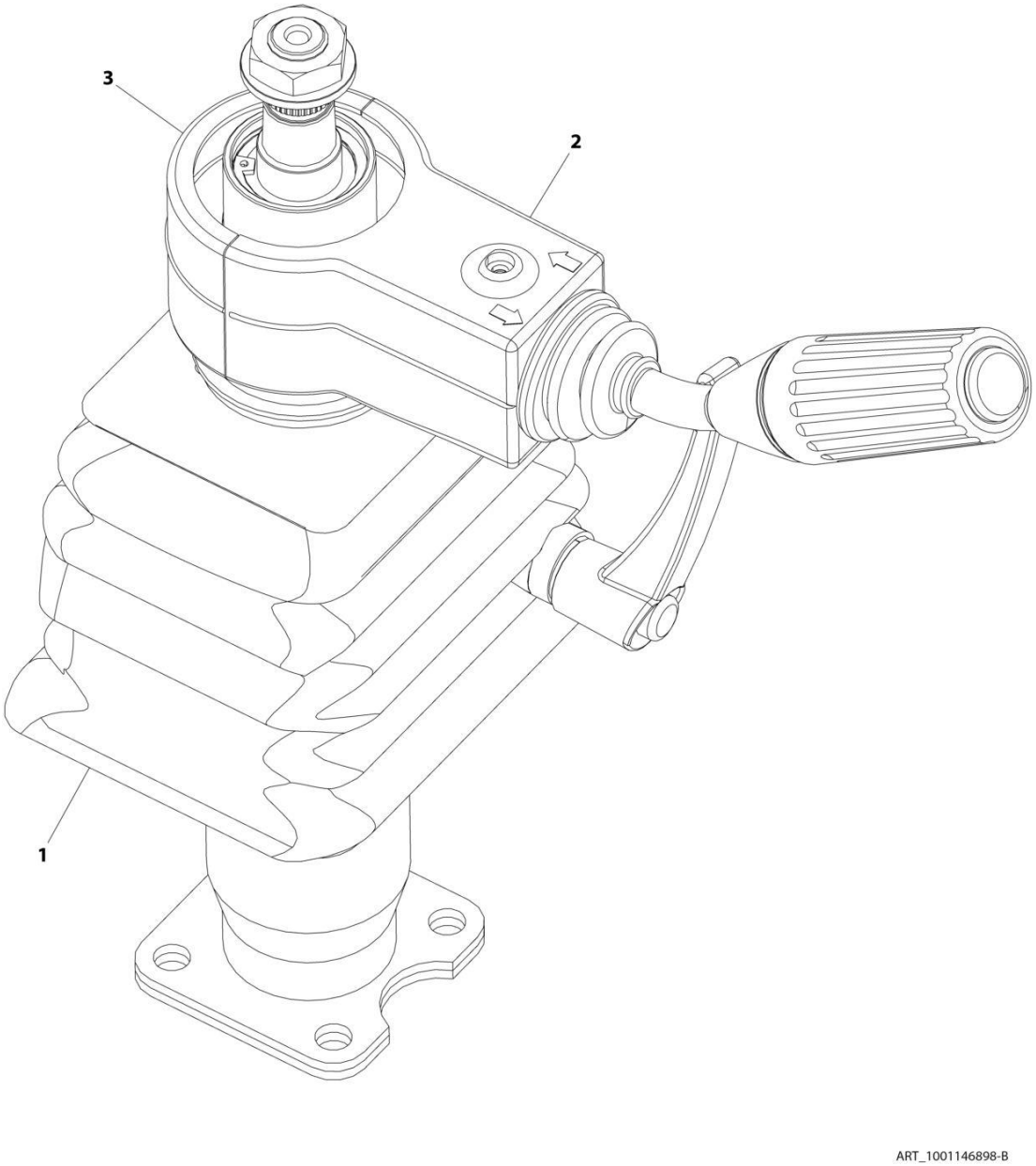
**FIGURE 7-17. STEERING COLUMN INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-17. STEERING COLUMN INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248293 | Ref | Steering Column Installation | A |
| 1 | 0761012 | 4 | Bolt, M10X25 | |
| 2 | 4812000 | 4 | Washer, M10 | |
| 3 | 1001091033 | 1 | Wheel, Steering (See Separate Breakdown in this Section) | |
| 4 | 1001095650 | AR | Compound, Locking | |
| 5 | 1001135838 | 1 | Insert, Steering Wheel (JLG) | |
| 6 | 1001143432 | 1 | Column, Steering | |
| 7 | 1001219396 | 1 | Valve, Steering | |

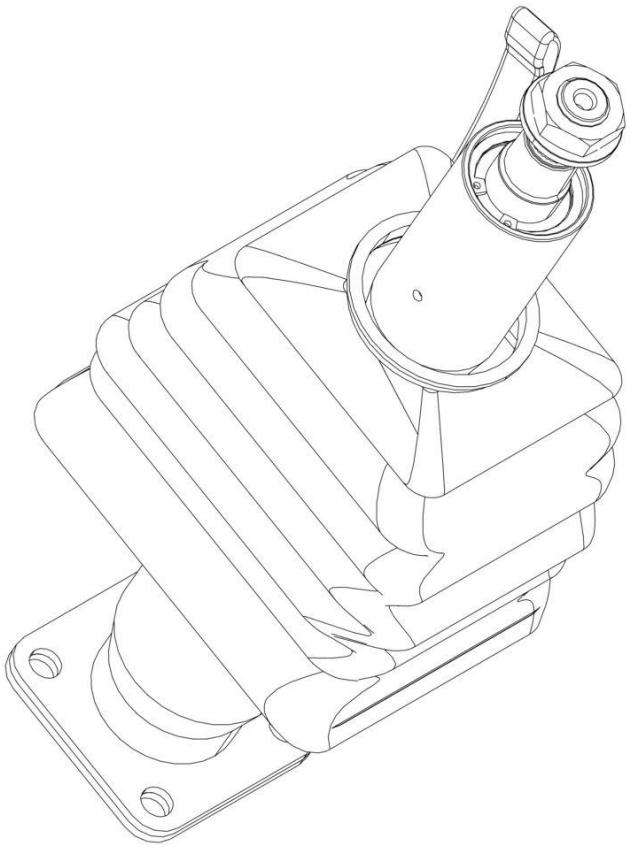
**FIGURE 7-18. STEERING COLUMN (NO FNR LEVER) (SN E160000001 through E160000342, Except SN E160000328 through E160000332, Excluding E160000336)**



## FIGURE 7-18. STEERING COLUMN (NO FNR LEVER) (SN E160000001 through E160000342, Except SN E160000328 through E160000332, Excluding E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146898 | Ref | Steering Column (No FNR Lever) | B |
| 1 | 1001143432 | 1 | Column, Steering | |
| 2 | 1001145021 | 1 | Switch, Turn Wiper | |
| 3 | 1001146949 | 1 | Clamp | |

**FIGURE 7-19. STEERING COLUMN (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

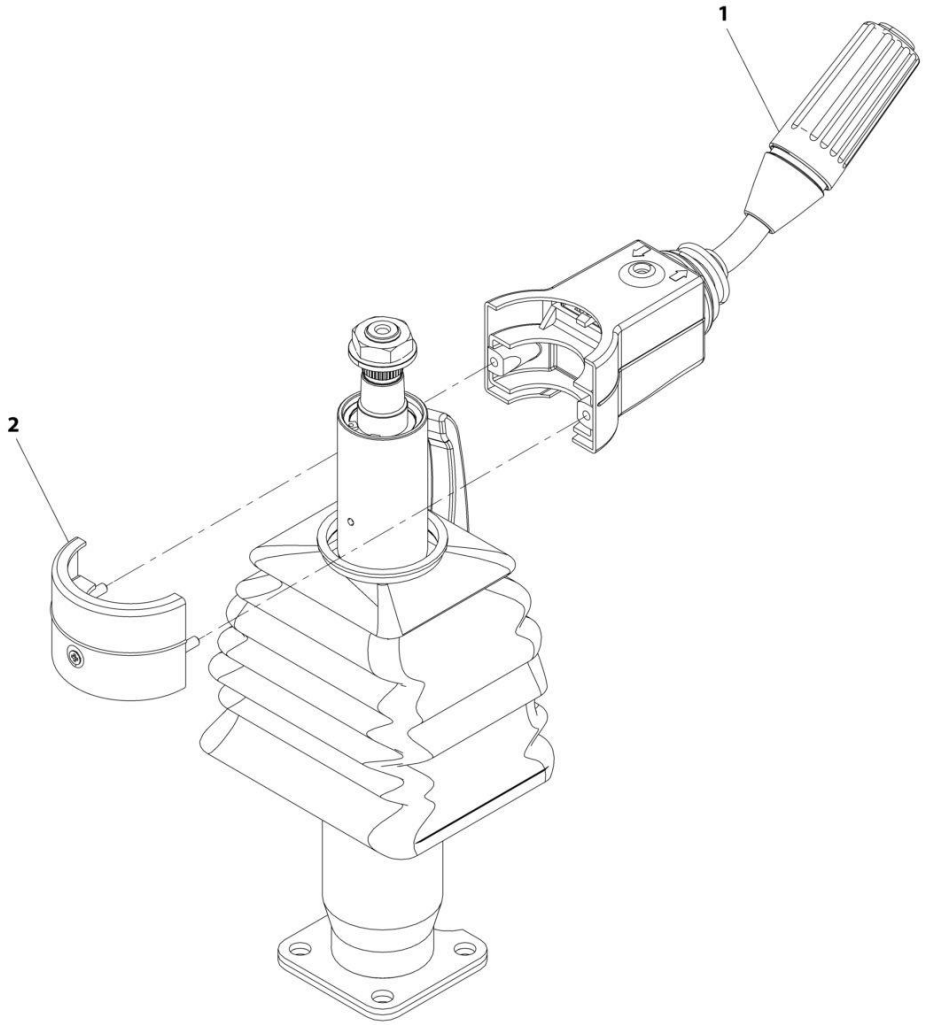


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**FIGURE 7-19. STEERING COLUMN (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143432 | Ref | Steering Column | A |

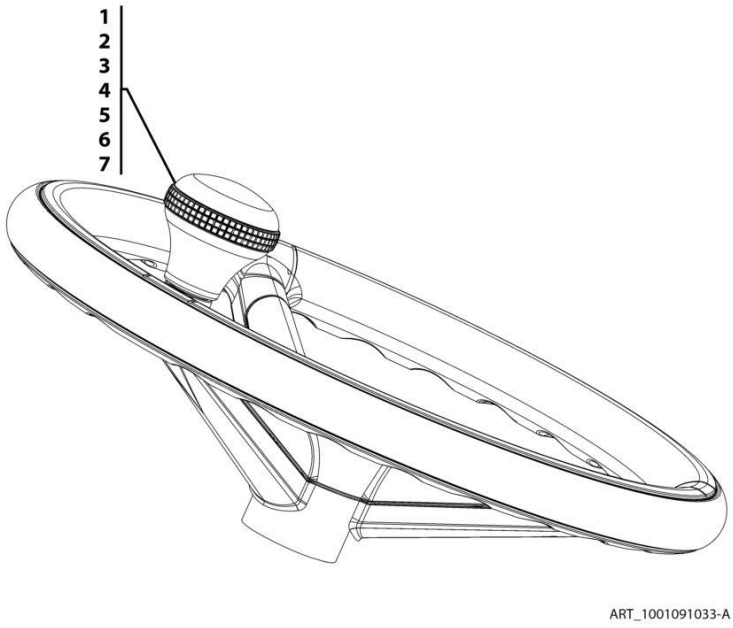
## FIGURE 7-20. STEERING COLUMN SWITCH (NO FNR LEVER)



## FIGURE 7-20. STEERING COLUMN SWITCH (NO FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248290 | Ref | Steering Column Switch (No FNR Lever) | A |
| 1 | 1001145021 | 1 | Switch, Turn-Wiper | |
| 2 | 1001146949 | 1 | Clamp | |

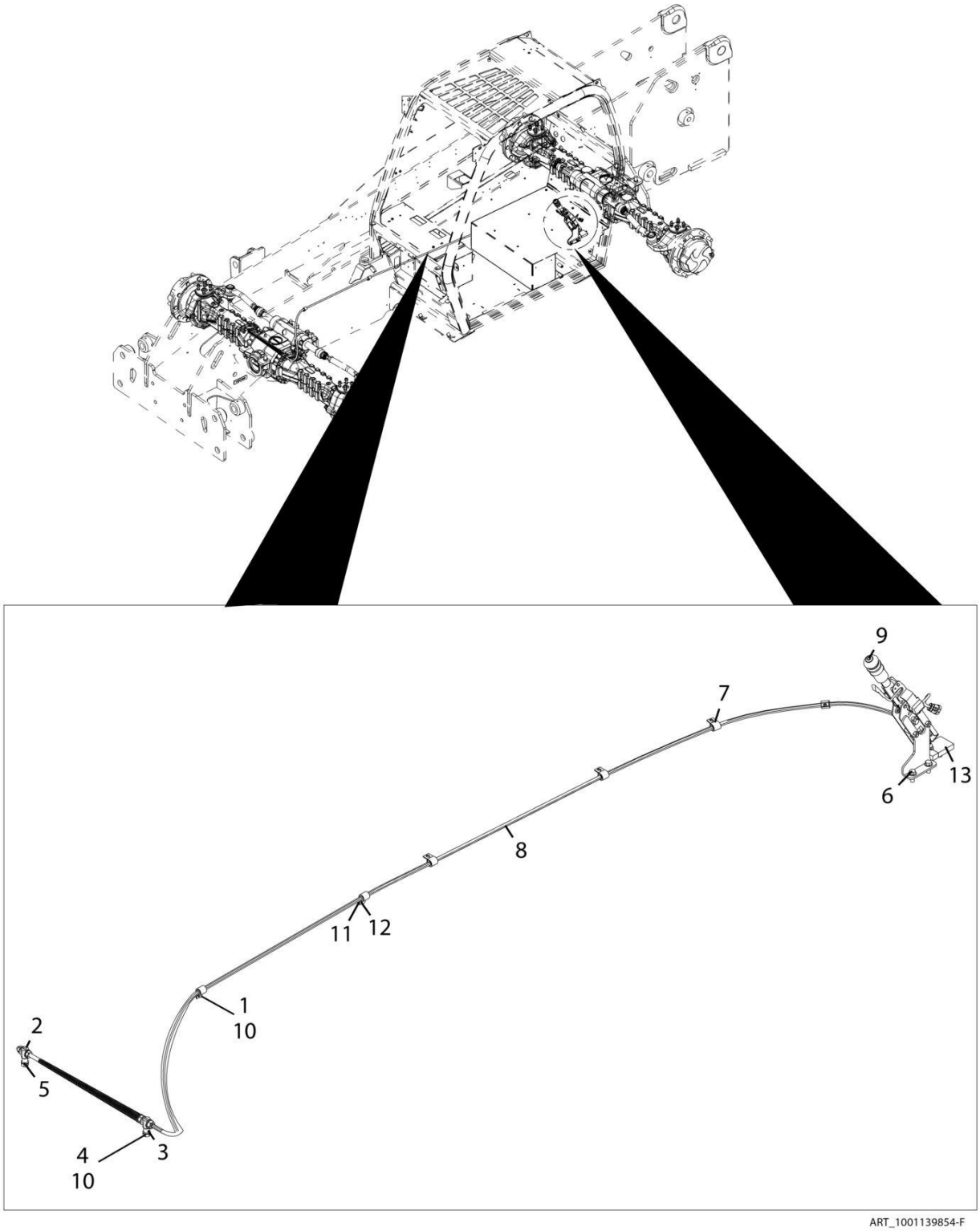
**FIGURE 7-21. STEERING WHEEL**



## FIGURE 7-21. STEERING WHEEL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001091033 | Ref | Steering Wheel | A |
| 1 | 70020783 | 1 | Cap | |
| 2 | 70020793 | 1 | Bellow | |
| 3 | 70020785 | 1 | Base | |
| 4 | 70020786 | 1 | Washer | |
| 5 | 70020787 | 1 | Bolt | |
| 6 | 70020788 | 1 | Washer | |
| 7 | 70020789 | 1 | Nut | |

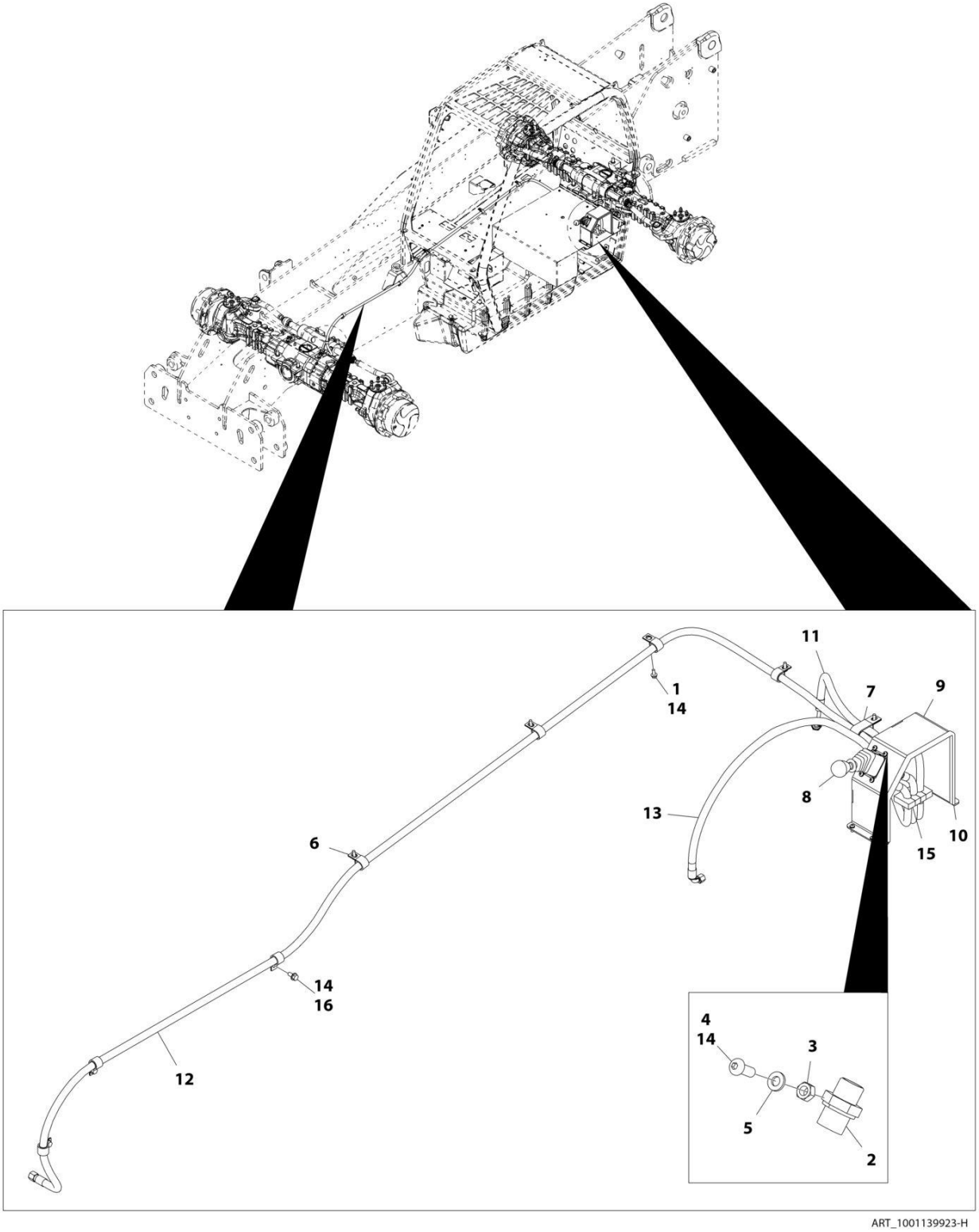
## FIGURE 7-22. MECHANICAL HANDBRAKE INSTALLATION - 3614RS



## FIGURE 7-22. MECHANICAL HANDBRAKE INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139854 | Ref | Mechanical Park Brake Installation - 3614RS | F |
| 1 | 0760606 | 2 | Bolt, M6X12 | |
| 2 | 2454999 | 2 | Bolt, M10X55 | |
| 3 | 2905871 | 2 | Bushing | |
| 4 | 3291007 | 2 | Nut, Lock M10X1.5 | |
| 5 | 4812000 | 2 | Washer, M10 | |
| 6 | 5201012 | 2 | Bolt, Ripp M10X25 | |
| 7 | 1001003048 | 2 | Clip | |
| 8 | 1001179729 | 1 | Cable, Parkbrake | |
| 9 | 1001179730 | 1 | Handbrake | |
| 10 | 1001095650 | AR | Locking Compound | |
| 11 | 1001007321 | 2 | Washer | |
| 12 | 4811700 | 2 | Washer, M6 | |
| 13 | 1001163078 | 1 | Gasket | |

## FIGURE 7-23. HYDRAULIC HANDBRAKE INSTALLATION - 4017RS



## FIGURE 7-23. HYDRAULIC HANDBRAKE INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001139923 | Ref | Hydraulic Handbrake Installation - 4017RS | H |
| 1 | 5250608 | 5 | Bolt, M6X16 | |
| 2 | 2142709 | 3 | Fitting | |
| 3 | 3290601 | 4 | Nut, M6X1 | |
| 4 | 3900357 | 8 | Capscrew, M6X16 | |
| 5 | 4831700 | 8 | Washer, Lock 6 | |
| 6 | 1001004144 | 7 | Clip | |
| 7 | 1001008720 | 1 | Clip | |
| 8 | 1001098153 | 1 | Handbrake, (See Separate Breakdown in HYDRAULIC COMPONENT Section) | |
| 9 | 1001146148 | 1 | Parkbrake Panel | |
| 10 | 1001146156 | 1 | Seal | |
| 11 | 1001148636 | 1 | Hose | |
| 12 | 1001148637 | 1 | Hose | |
| 13 | 1001148638 | 1 | Hose | |
| 14 | 1001095650 | AR | Locking Compound | |
| 15 | 1001163077 | 1 | Gasket | |
| 16 | 5250808 | 3 | Bolt, M8X16 | |

**FIGURE 7-24. JOYSTICK INSTALLATION (FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

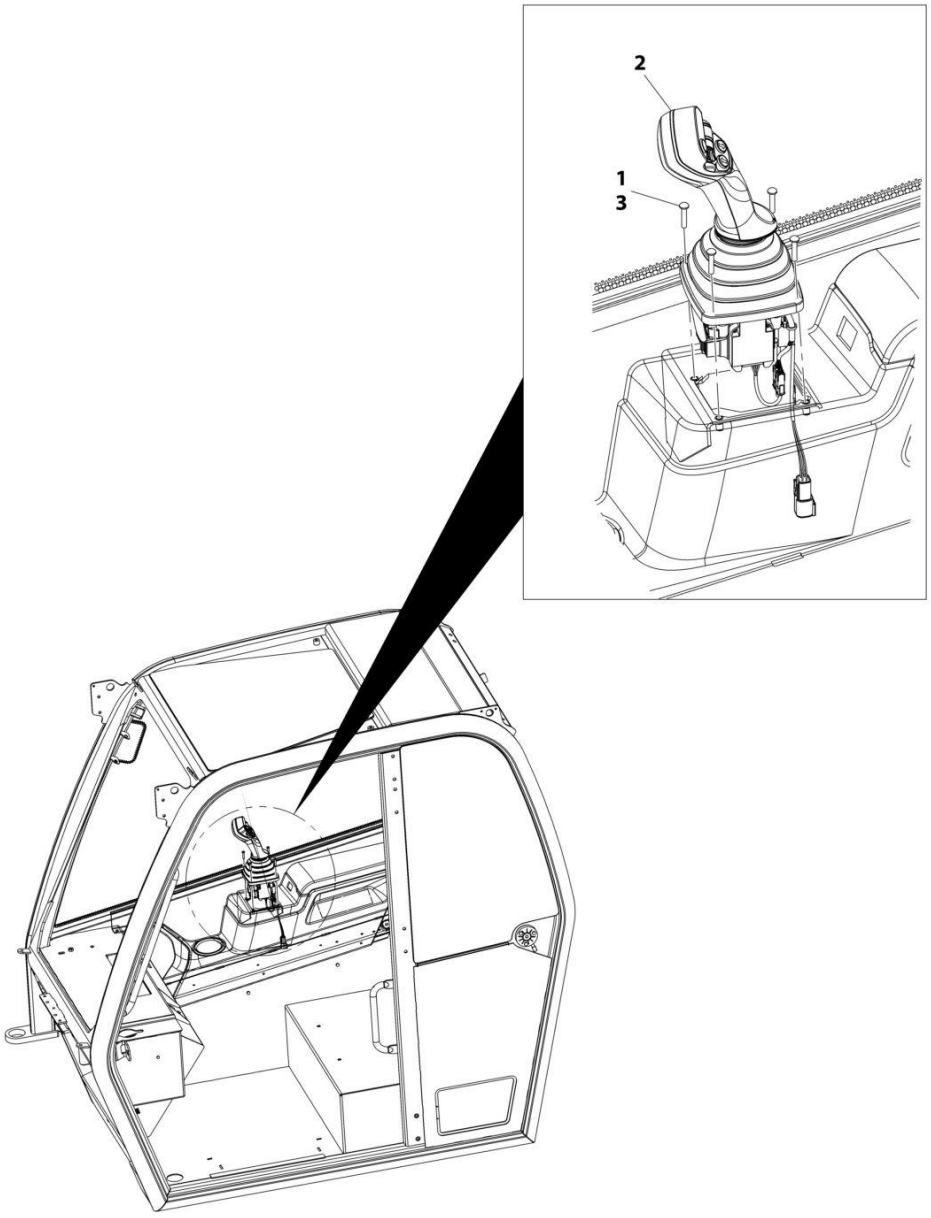
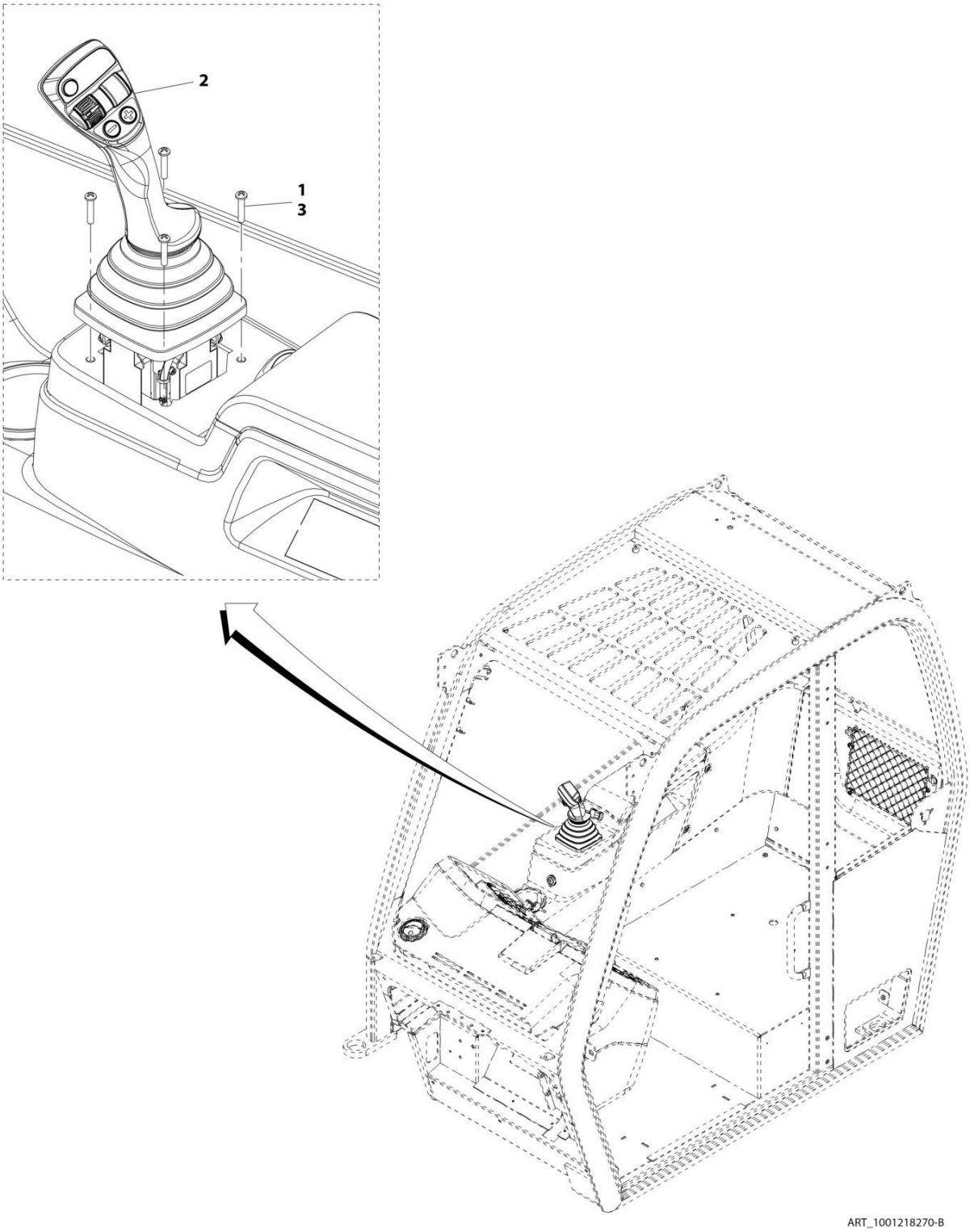


**FIGURE 7-24. JOYSTICK INSTALLATION (FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146667 | Ref | Joystick Installation (FNR Lever) | D |
| 1 | 1001103984 | 4 | Bolt, M5X25 | |
| 2 | | Ref | Joystick (FNR Lever) (See Separate Breakdown in this Section) | |
| 3 | 1001095650 | AR | Compound, Locking | |

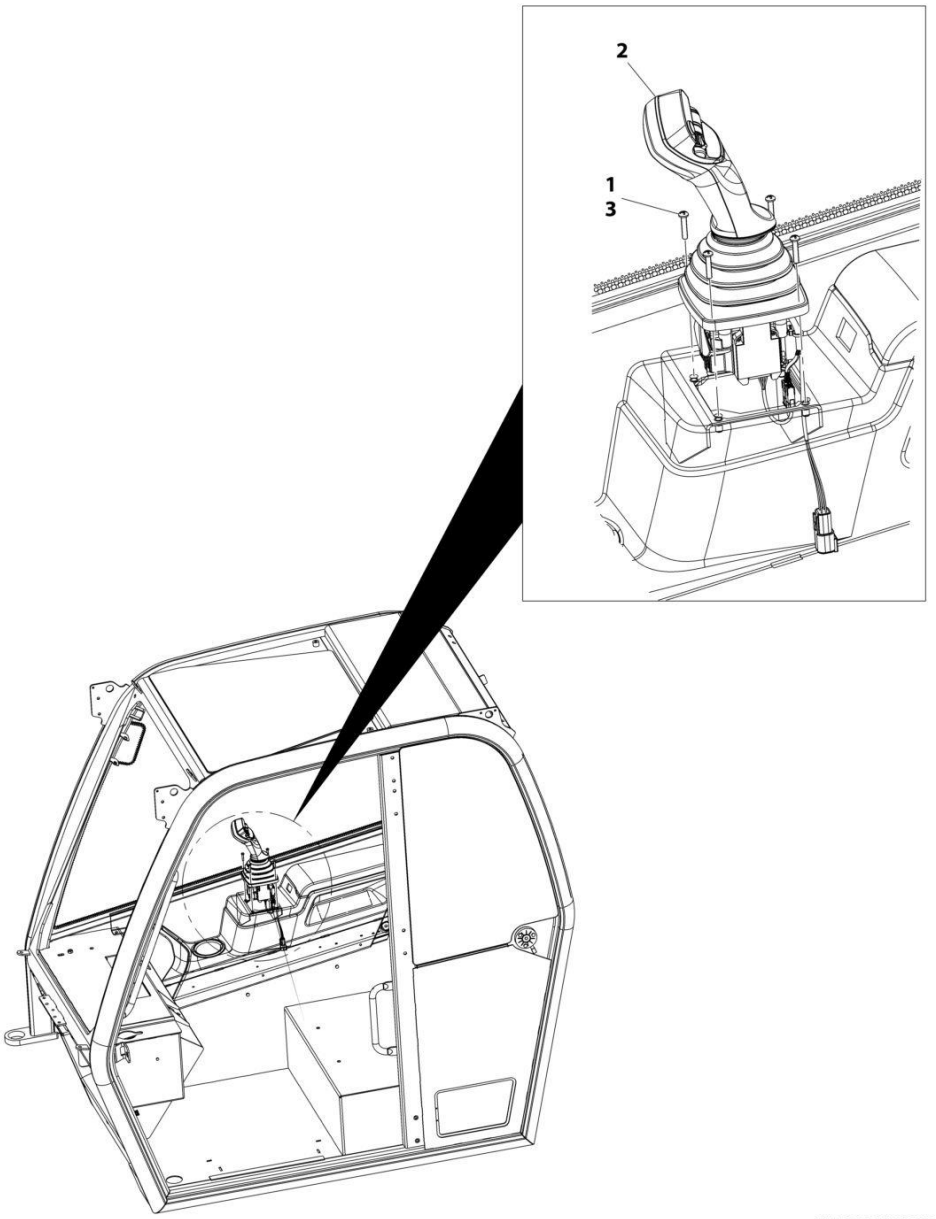
**FIGURE 7-25. JOYSTICK INSTALLATION (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-25. JOYSTICK INSTALLATION (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001218270 | Ref | Joystick Installation (FNR Lever) | B |
| 1 | 1001103984 | 4 | Bolt, M5X25 | |
| 2 | 1001222599 | 1 | Joystick (FNR Lever) (See Separate Breakdown in this Section) | |
| 3 | 1001095650 | AR | Compound, Locking | |

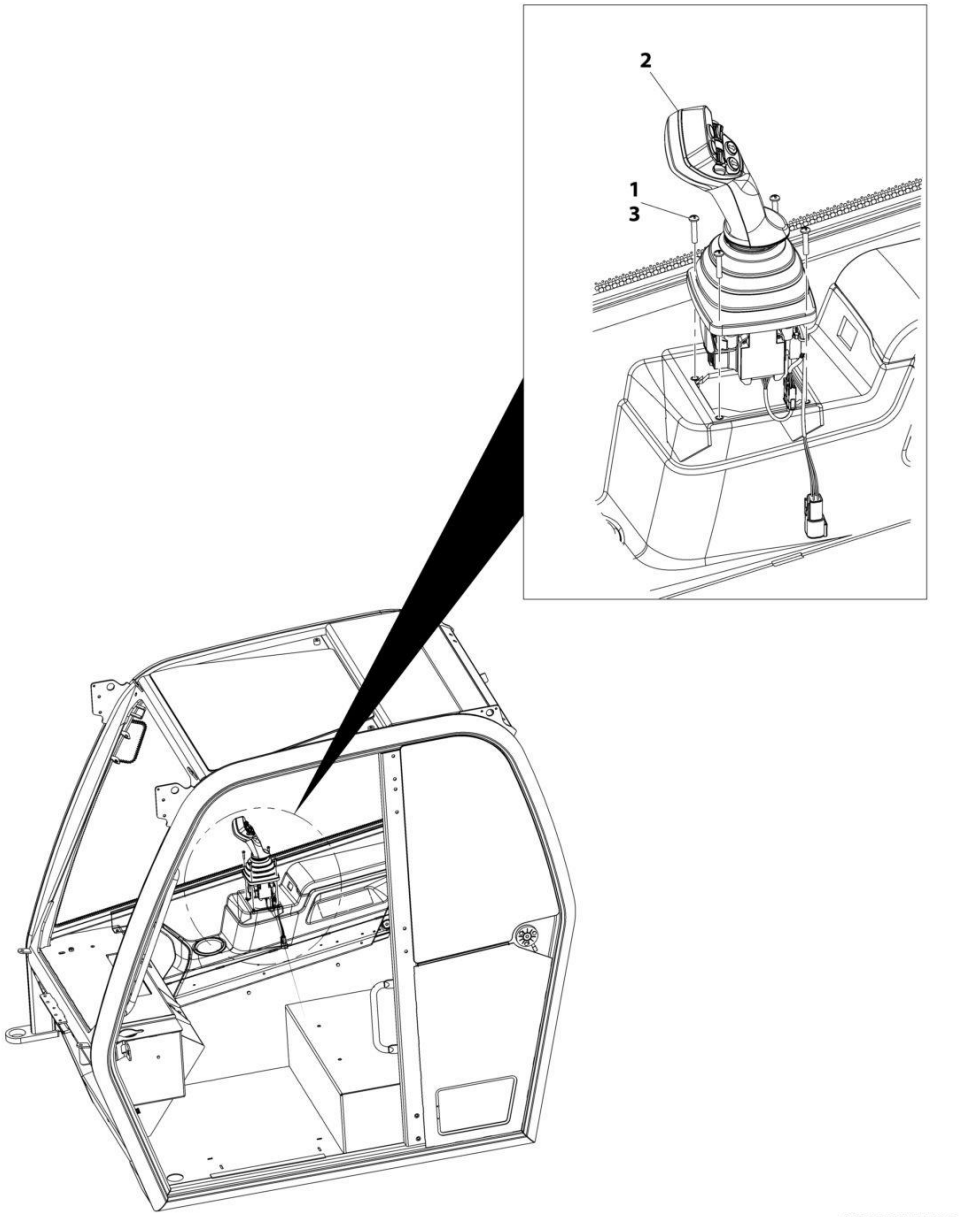
**FIGURE 7-26. JOYSTICK INSTALLATION (NO FNR LEVER)**



## FIGURE 7-26. JOYSTICK INSTALLATION (NO FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146666 | Ref | Joystick Installation (No FNR Lever) | D |
| 1 | 1001103984 | 4 | Bolt, M5X25 | |
| 2 | | Ref | Joystick (no FNR Lever) (See Separate Breakdown in this Section) | |
| 3 | 1001095650 | AR | Compound, Locking | |

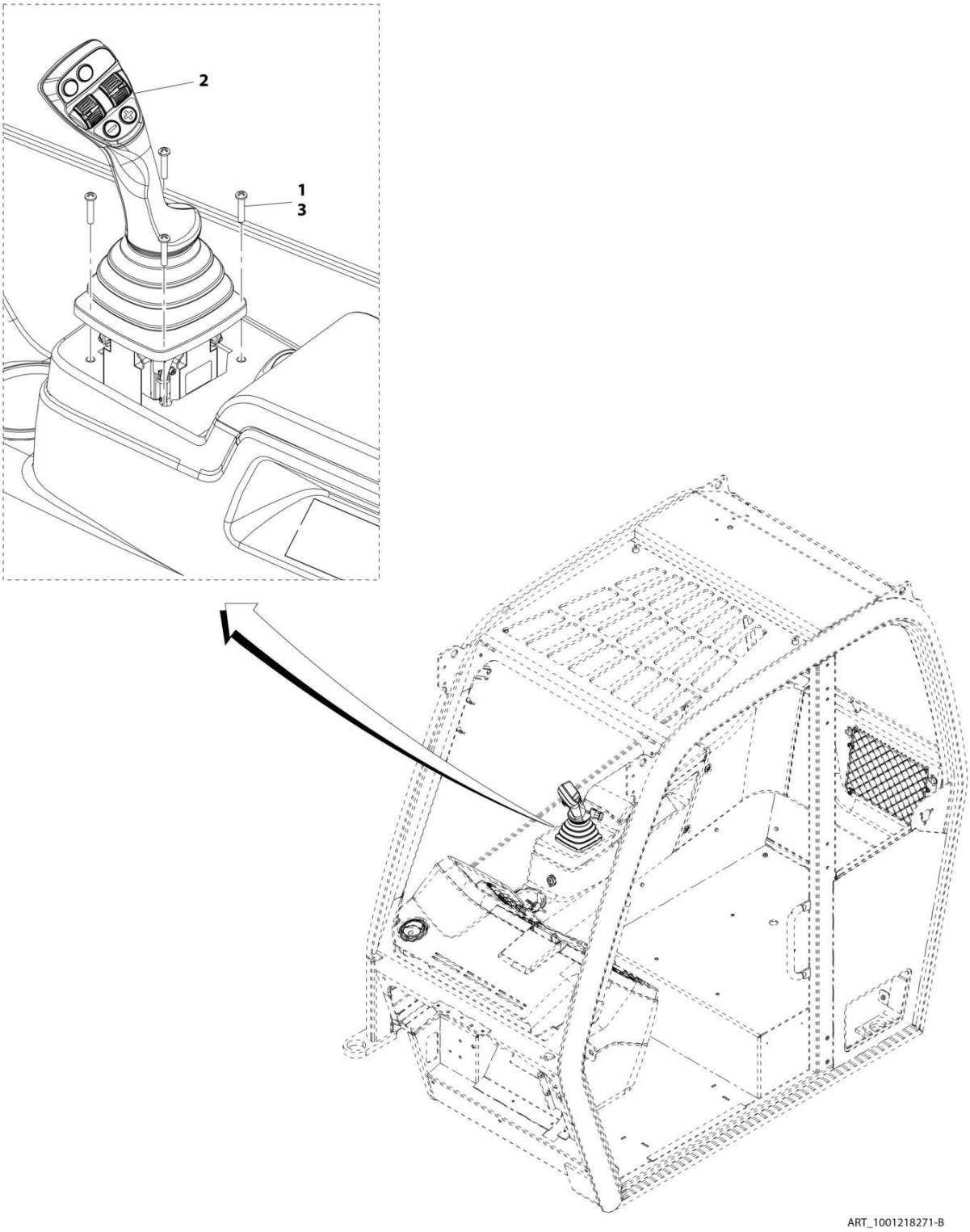
**FIGURE 7-27. JOYSTICK INSTALLATION (AUX, FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-27. JOYSTICK INSTALLATION (AUX, FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146669 | Ref | Joystick Installation (AUX, FNR Lever) | D |
| 1 | 1001103984 | 4 | Bolt, M5X25 | |
| 2 | | Ref | Joystick (AUX, FNR Lever) (See Separate Breakdown in this Section) | |
| 3 | 1001095650 | AR | Compound, Locking | |

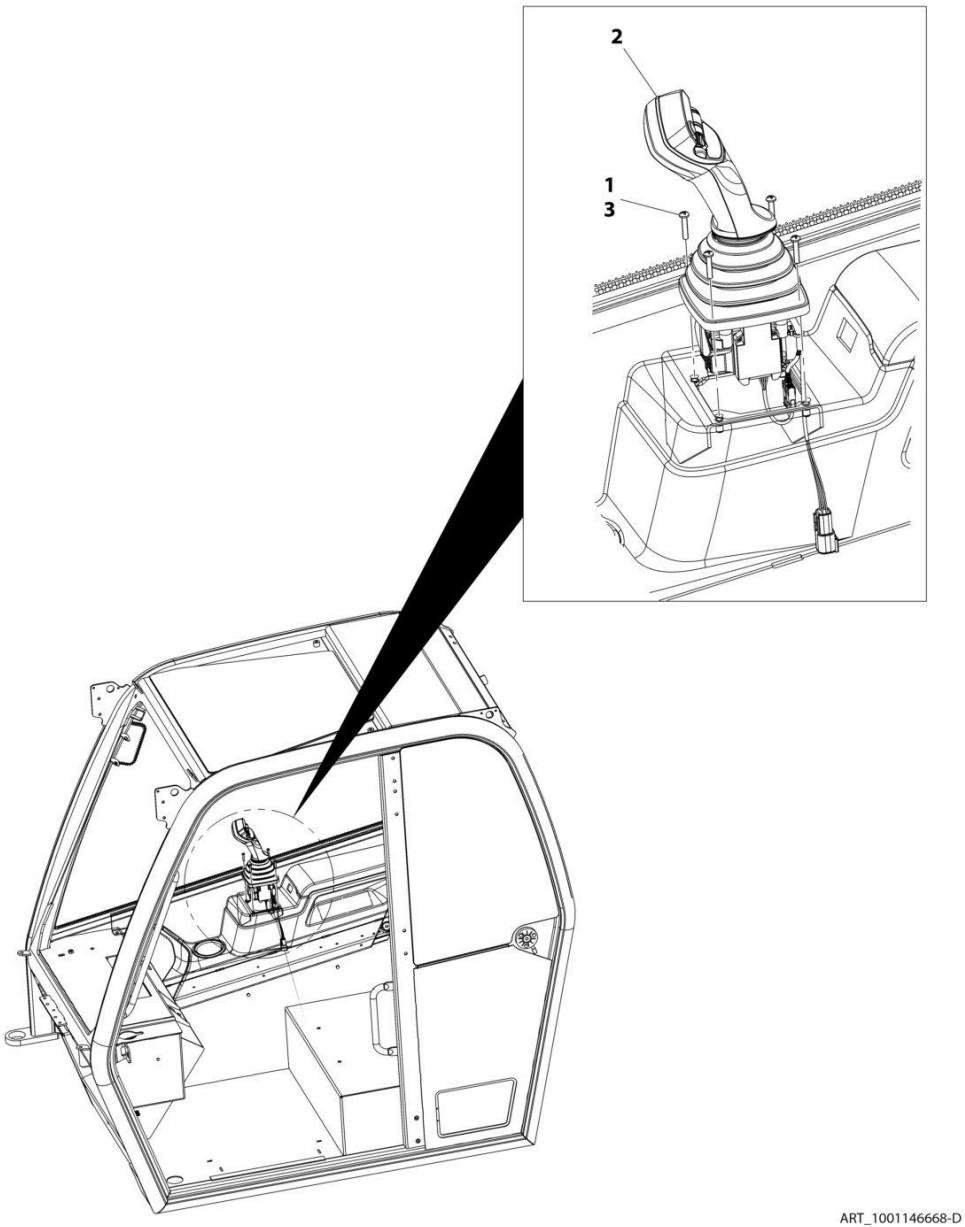
**FIGURE 7-28. JOYSTICK INSTALLATION (AUX,FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-28. JOYSTICK INSTALLATION (AUX,FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001218271 | Ref | Joystick Installation (Aux, FNR Lever) | B |
| 1 | 1001103984 | 4 | Bolt, M5X25 | |
| 2 | 1001222600 | 1 | Joystick (AUX,FNR Lever) (See Separate Breakdown in this Section) | |
| 3 | 1001095650 | AR | Compound, Locking | |

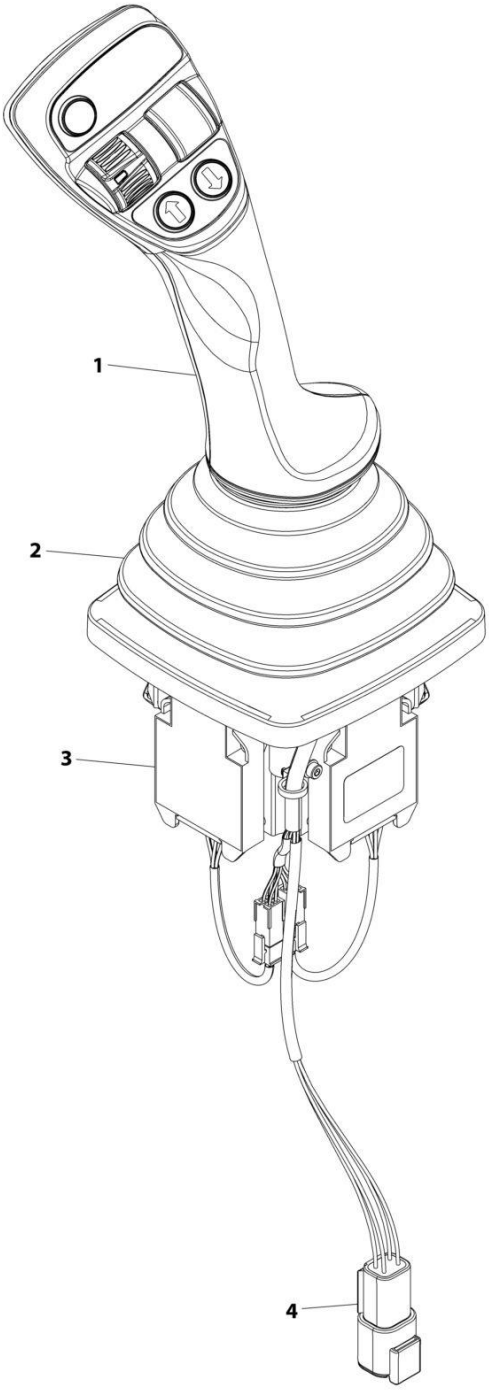
**FIGURE 7-29. JOYSTICK INSTALLATION (AUX, NO FNR LEVER)**



## FIGURE 7-29. JOYSTICK INSTALLATION (AUX, NO FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146668 | Ref | Joystick Installation (Aux, No FNR Lever) | D |
| 1 | 1001103984 | 4 | Bolt, M5X25 | |
| 2 | | Ref | Joystick (AUX, no FNR Lever) (See Separate Breakdown in this Section) | |
| 3 | 1001095650 | AR | Compound, Locking | |

**FIGURE 7-30. JOYSTICK (FNR LEVER)**

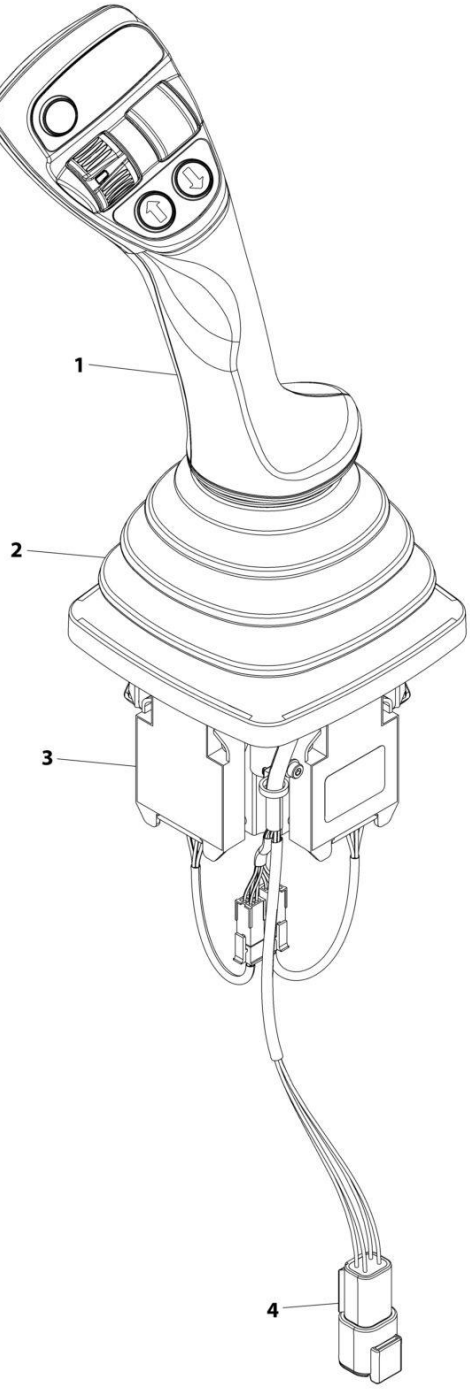



ART_1001146641-E

## FIGURE 7-30. JOYSTICK (FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146641 | NLA | Electric Joystick, (FNR Lever), (no longer available, use 1001222596 for replacement) | E |
| 1 | 70025846 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

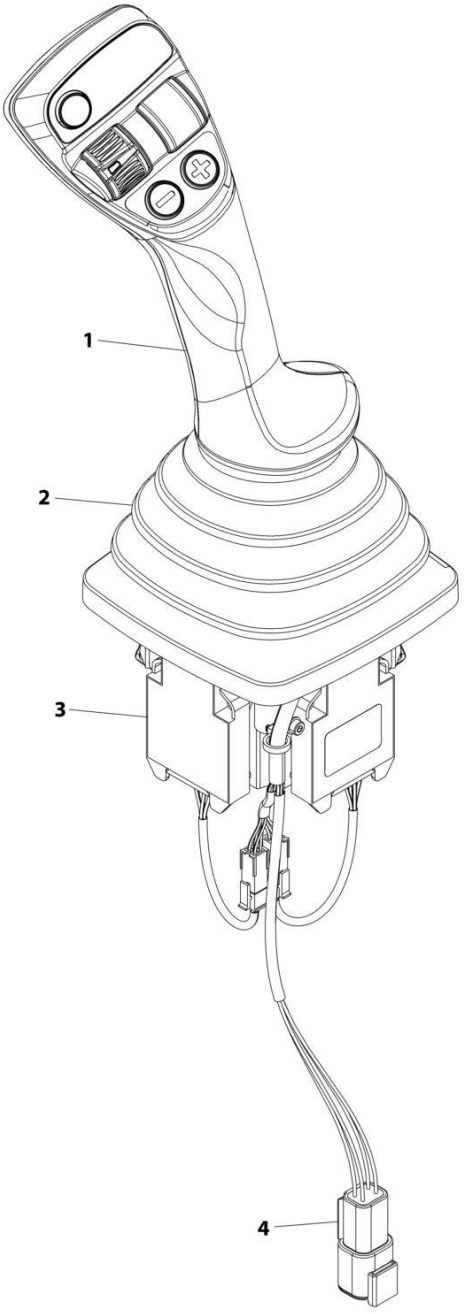
**FIGURE 7-31. JOYSTICK, (FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-31. JOYSTICK, (FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160 000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001222596 | Ref | Electric Joystick, (FNR Lever) | A |
| 1 | 70025846 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

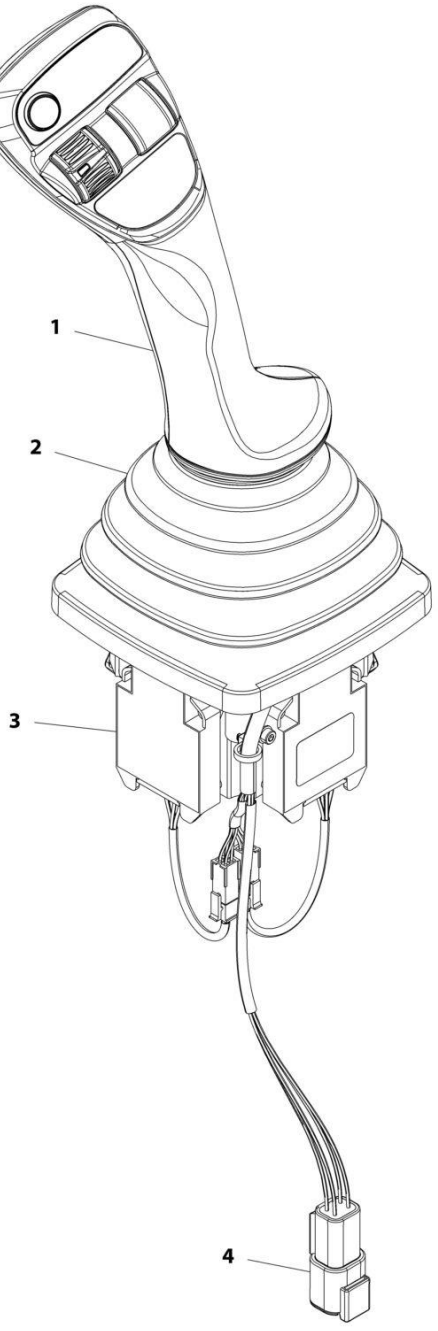
**FIGURE 7-32. ELECTRIC JOYSTICK, (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 7-32. ELECTRIC JOYSTICK, (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001222599 | Ref | Electric Joystick, (FNR Lever) | A |
| 1 | 70028851 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

**FIGURE 7-33. JOYSTICK (NO FNR LEVER)**

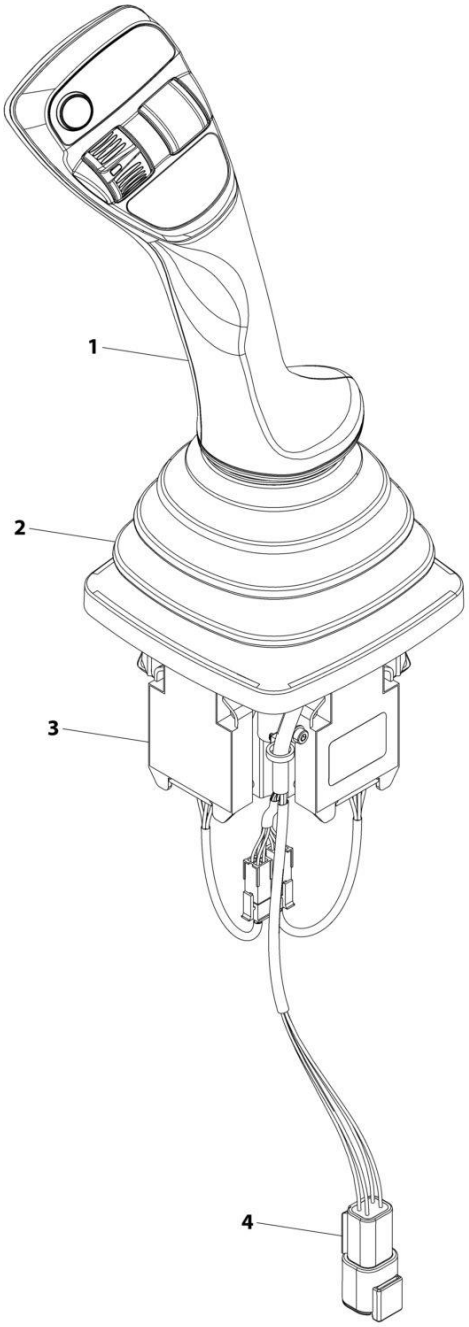



ART_1001146640-E

## FIGURE 7-33. JOYSTICK (NO FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146640 | NLA | Electric Joystick, (No FNR Lever), (no longer available, use 1001222595 for replacement) | E |
| 1 | 70025843 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

**FIGURE 7-34. JOYSTICK, (NO FNR LEVER)**

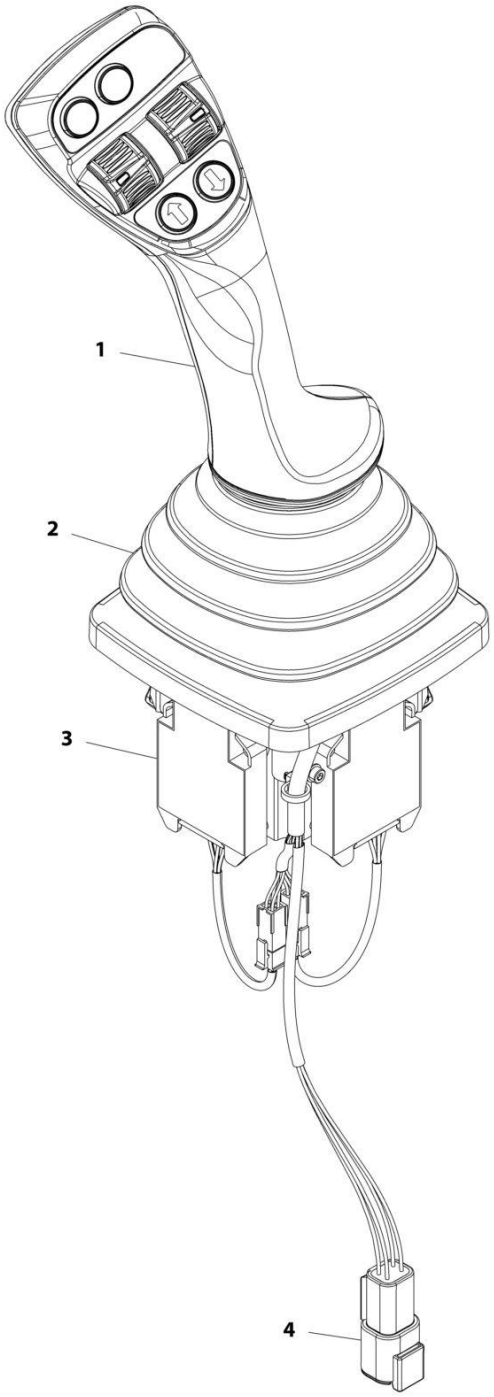



ART_1001222595-A

## FIGURE 7-34. JOYSTICK, (NO FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001222595 | Ref | Electric Joystick, (No FNR Lever) | A |
| 1 | 70025843 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

## FIGURE 7-35. JOYSTICK (AUX, FNR LEVER)

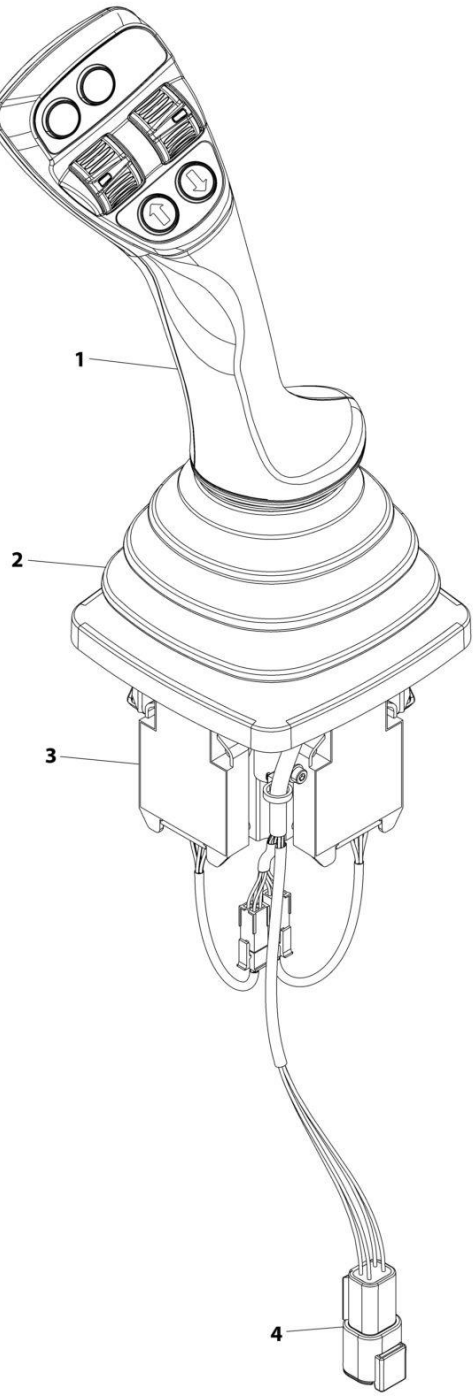



ART_1001146643-E

## FIGURE 7-35. JOYSTICK (AUX, FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146643 | NLA | Electric Joystick, (AUX, FNR Lever), (no longer available, use 1001222598 for replacement) | E |
| 1 | 70025848 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

**FIGURE 7-36. JOYSTICK, (AUX, FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

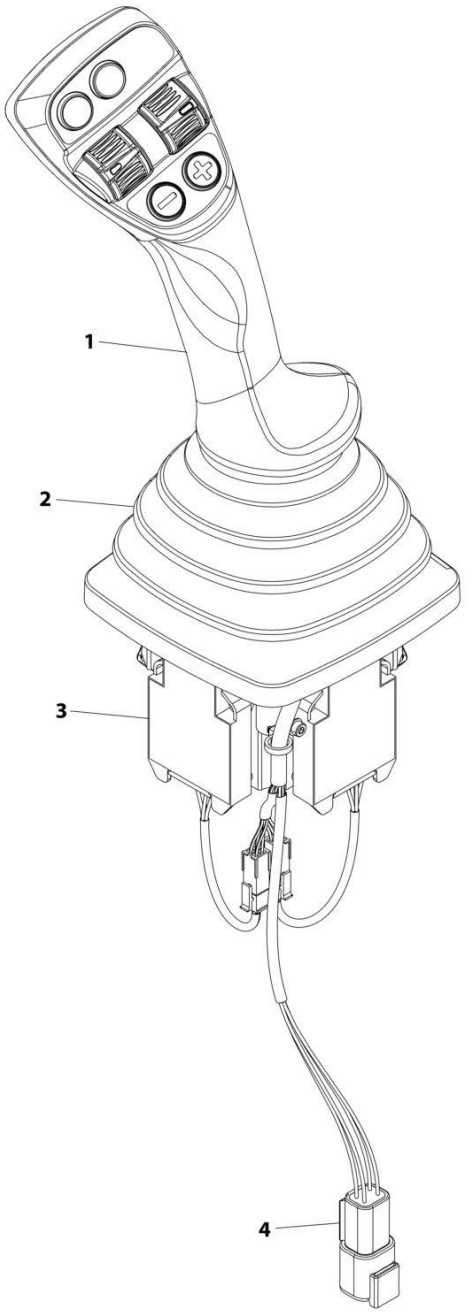



ART_1001222598-A

## FIGURE 7-36. JOYSTICK, (AUX, FNR LEVER) (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001222598 | Ref | Electric Joystick, (AUX, FNR Lever) | A |
| 1 | 70025848 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

**FIGURE 7-37. ELECTRIC JOYSTICK, (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

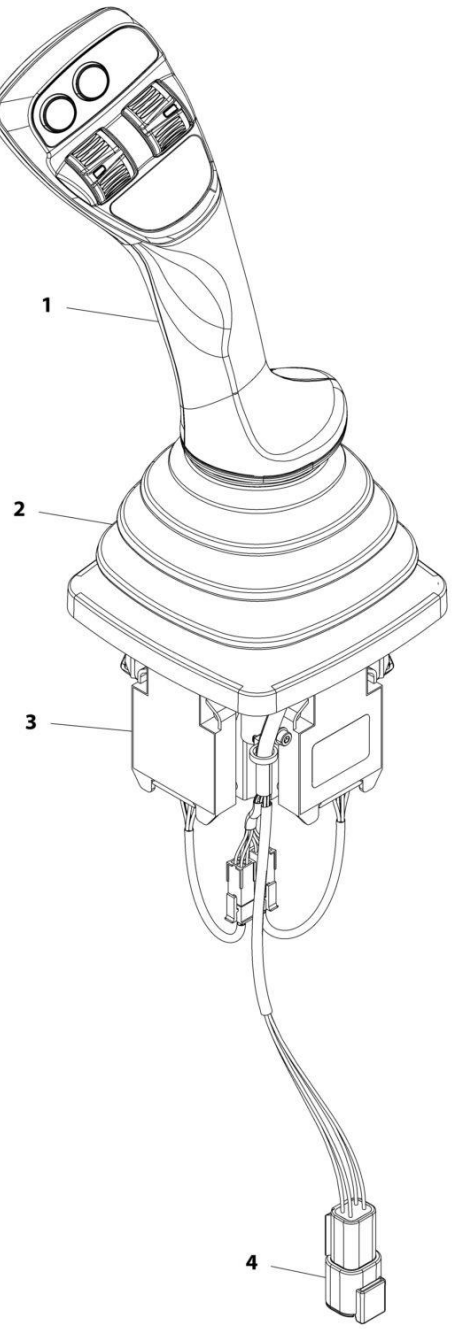



ART_1001222600-A

## FIGURE 7-37. ELECTRIC JOYSTICK, (FNR LEVER) (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001222600 | Ref | Electric Joystick, (FNR Lever) | A |
| 1 | 70028852 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

## FIGURE 7-38. JOYSTICK (AUX, NO FNR LEVER)

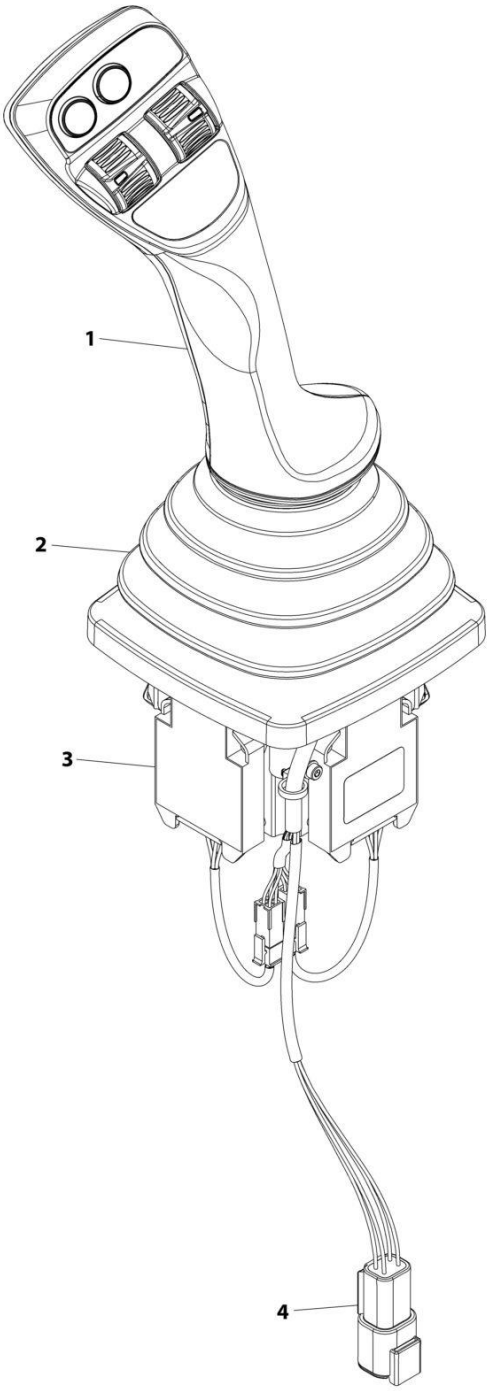



ART_1001146642-E

## FIGURE 7-38. JOYSTICK (AUX, NO FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146642 | NLA | Electric Joystick, (AUX, No FNR Lever), (no longer available, use 1001222597 for replacement) | E |
| 1 | 70025847 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

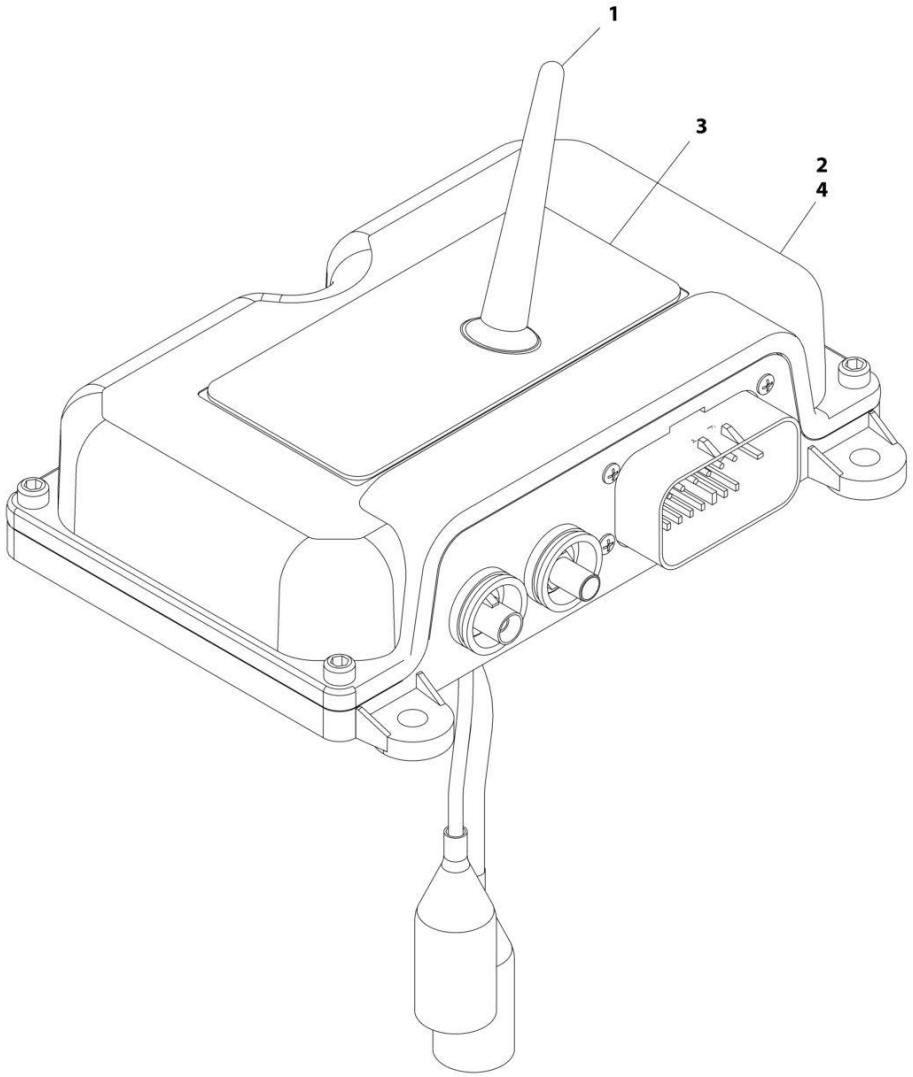
## FIGURE 7-39. JOYSTICK, (AUX, NO FNR LEVER)



## FIGURE 7-39. JOYSTICK, (AUX, NO FNR LEVER)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001222597 | Ref | Electric Joystick, (AUX, No FNR Lever) | A |
| 1 | 70025847 | 1 | Lever, Multi-Function | |
| 2 | 70025844 | 1 | Gaiter | |
| 3 | 70025845 | 1 | Base, Joystick (includes connector) | |
| 4 | 1001126007 | 1 | Connector | |

## FIGURE 7-40. CLEARSKY TELEMATICS CONTROLLER



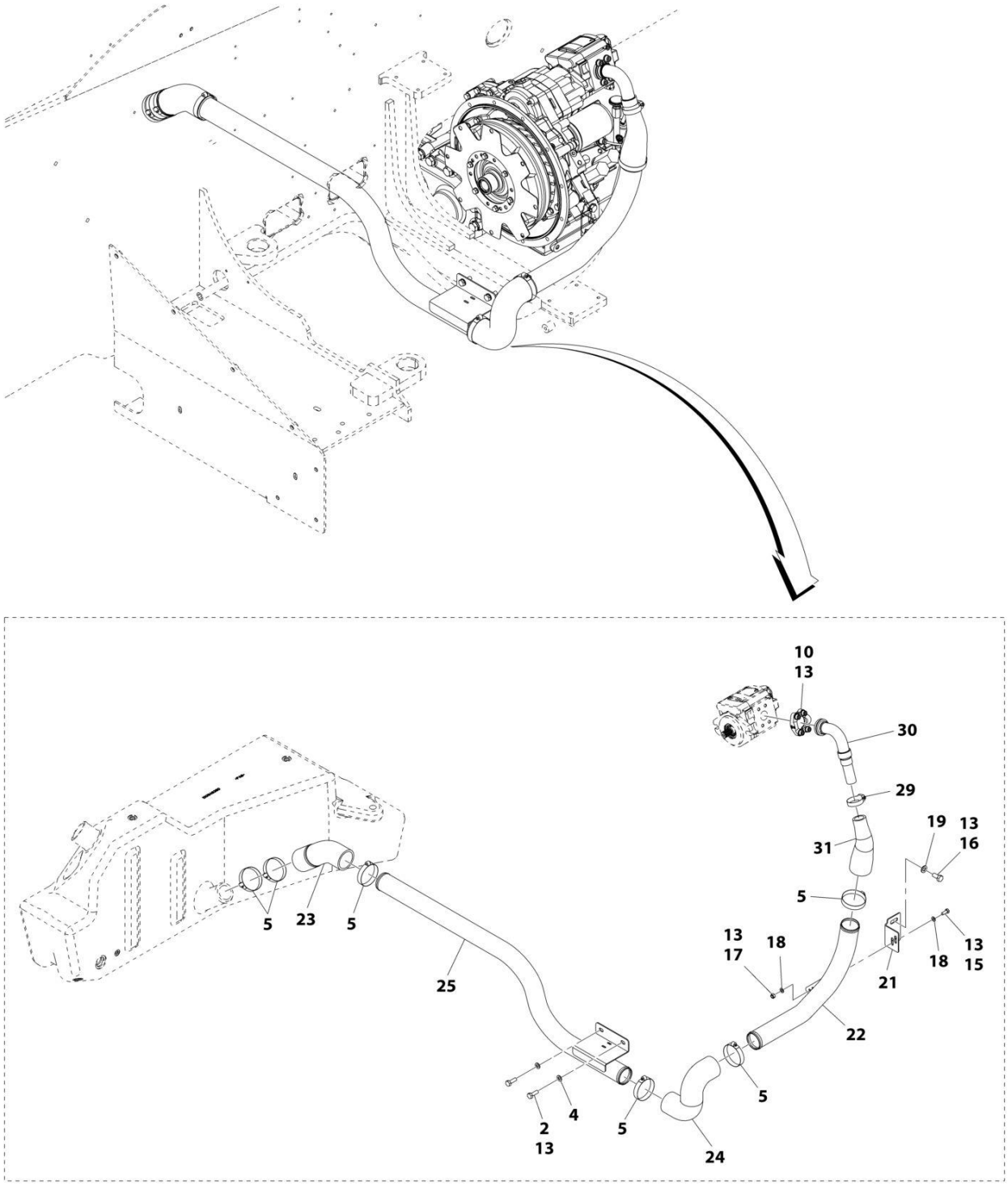

ART_1001102831-G

## FIGURE 7-40. CLEARSKY TELEMATICS CONTROLLER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001102831 | Ref | Clearsky Telematics Controller | G |
| 1 | 1001100443 | 1 | Antenna | |
| 2 | 1001140321 | 1 | Software | |
| 3 | 1001140322 | 1 | Decal | |
| 4 | 1001144406 | 1 | Controller | |

# SECTION 8 - HYDRAULIC CIRCUITS

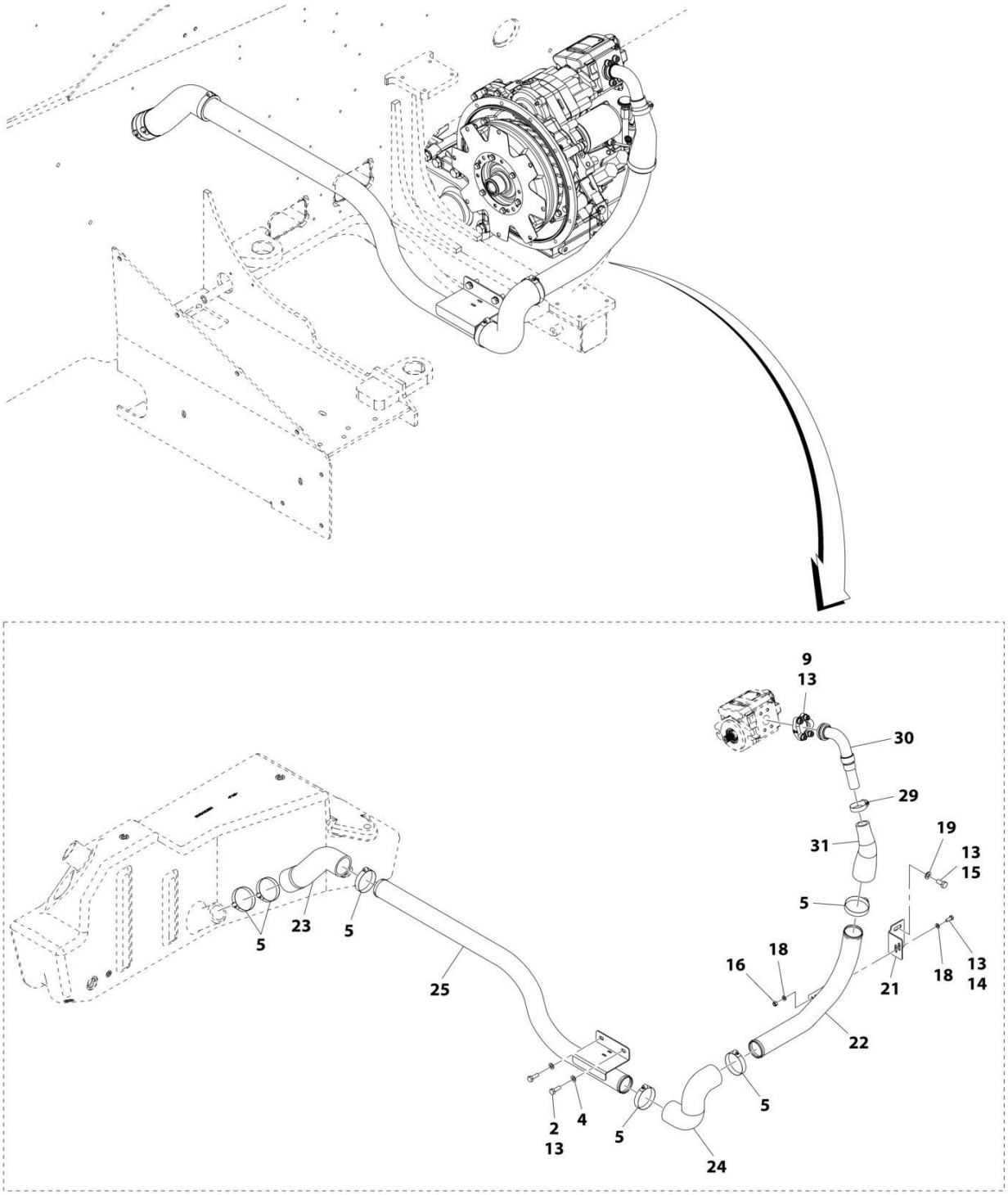
## FIGURE 8-1. SUPPLY LINES INSTALLATION - 3614RS



## FIGURE 8-1. SUPPLY LINES INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147676 | Ref | Supply Lines Installation - 3614RS | H |
| 2 | 0761014 | 2 | Bolt, M10X30 | |
| 4 | 4812000 | 2 | Washer, M10 | |
| 5 | 1001008673 | 6 | Clamp, Hose | |
| 10 | 1001147801 | 1 | Clamp, Split Flange Halve | |
| 13 | 1001095650 | AR | Compound, Locking | |
| 15 | 0760810 | 2 | Bolt, M8X20 | |
| 16 | 0761212 | 2 | Bolt, M12X25 | |
| 17 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 18 | 4811900 | 4 | Washer, M8 | |
| 19 | 4812100 | 2 | Washer, M12 | |
| 21 | 1001152673 | 1 | Bracket, Suction Pipe | |
| 22 | 1001159683 | 1 | Pipe, Suction | |
| 23 | 1001152684 | 1 | Hose | |
| 24 | 1001159685 | 1 | Hose | |
| 25 | 1001152689 | 1 | Pipe, Suction | |
| 29 | 8405103 | 1 | Clamp, Hose | |
| 30 | 1001176622 | 1 | Flange, Adapter | |
| 31 | 1001173259 | 1 | Hose | |

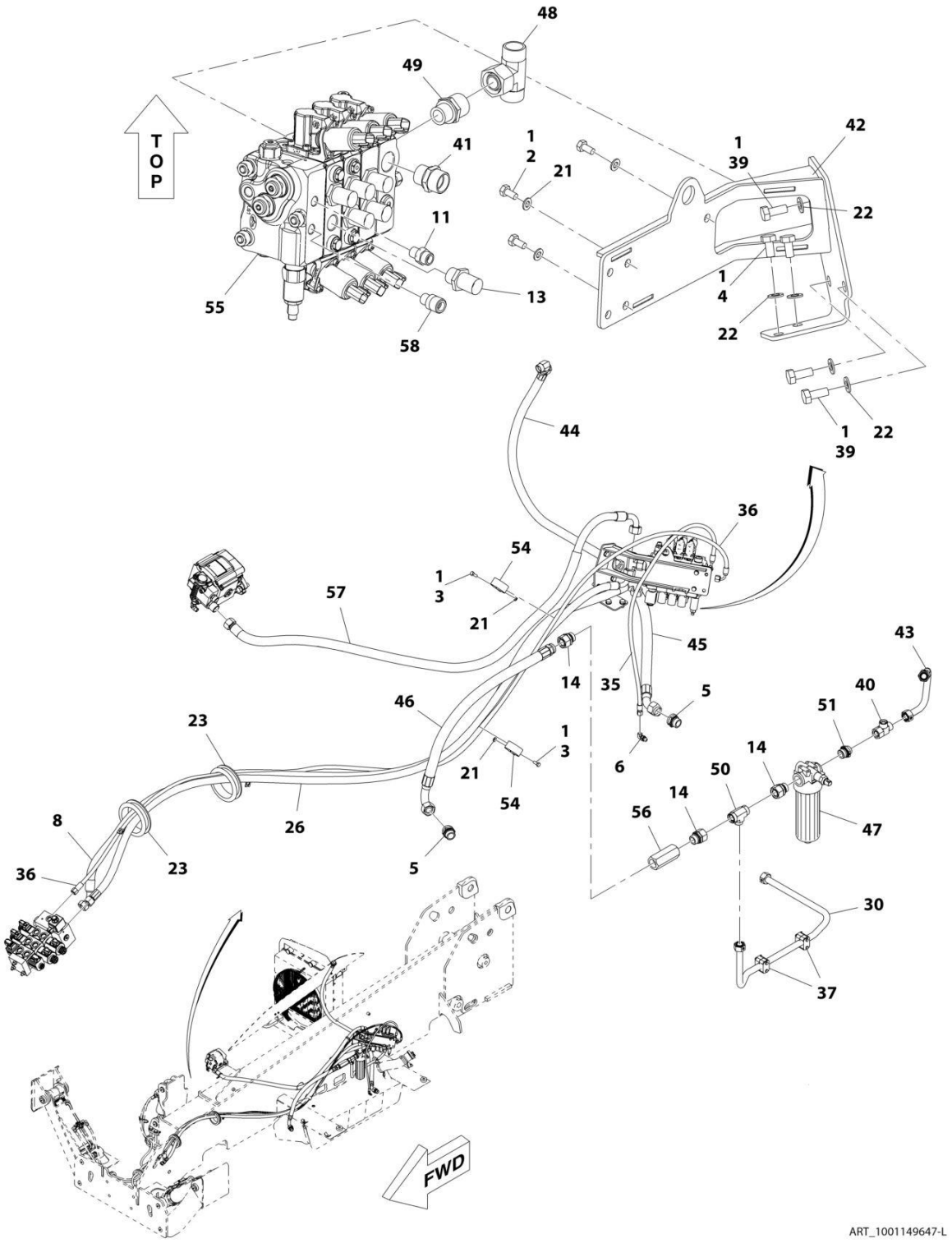
## FIGURE 8-2. SUPPLY LINES INSTALLATION - 4017RS



## FIGURE 8-2. SUPPLY LINES INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148128 | Ref | Supply Lines Installation - 4017RS | G |
| 2 | 0761014 | 2 | Bolt, M10X30 | |
| 4 | 4812000 | 2 | Washer, M10 | |
| 5 | 1001008673 | 6 | Clamp, Hose | |
| 9 | 1001147801 | 1 | Clamp, Split Flange Halve | |
| 13 | 1001095650 | AR | Compound, Locking | |
| 14 | 0760810 | 2 | Bolt, M8X20 | |
| 15 | 0761212 | 2 | Bolt, M12X25 | |
| 16 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 18 | 4811900 | 4 | Washer, M8 | |
| 19 | 4812100 | 2 | Washer, M12 | |
| 21 | 1001152673 | 1 | Bracket, Suction Pipe | |
| 22 | 1001159683 | 1 | Pipe, Suction | |
| 23 | 1001177716 | 1 | Hose | |
| 24 | 1001159685 | 1 | Hose | |
| 25 | 1001152689 | 1 | Pipe, Suction | |
| 29 | 8405103 | 1 | Clamp, Hose | |
| 30 | 1001176622 | 1 | Flange, Adapter | |
| 31 | 1001173259 | 1 | Hose | |

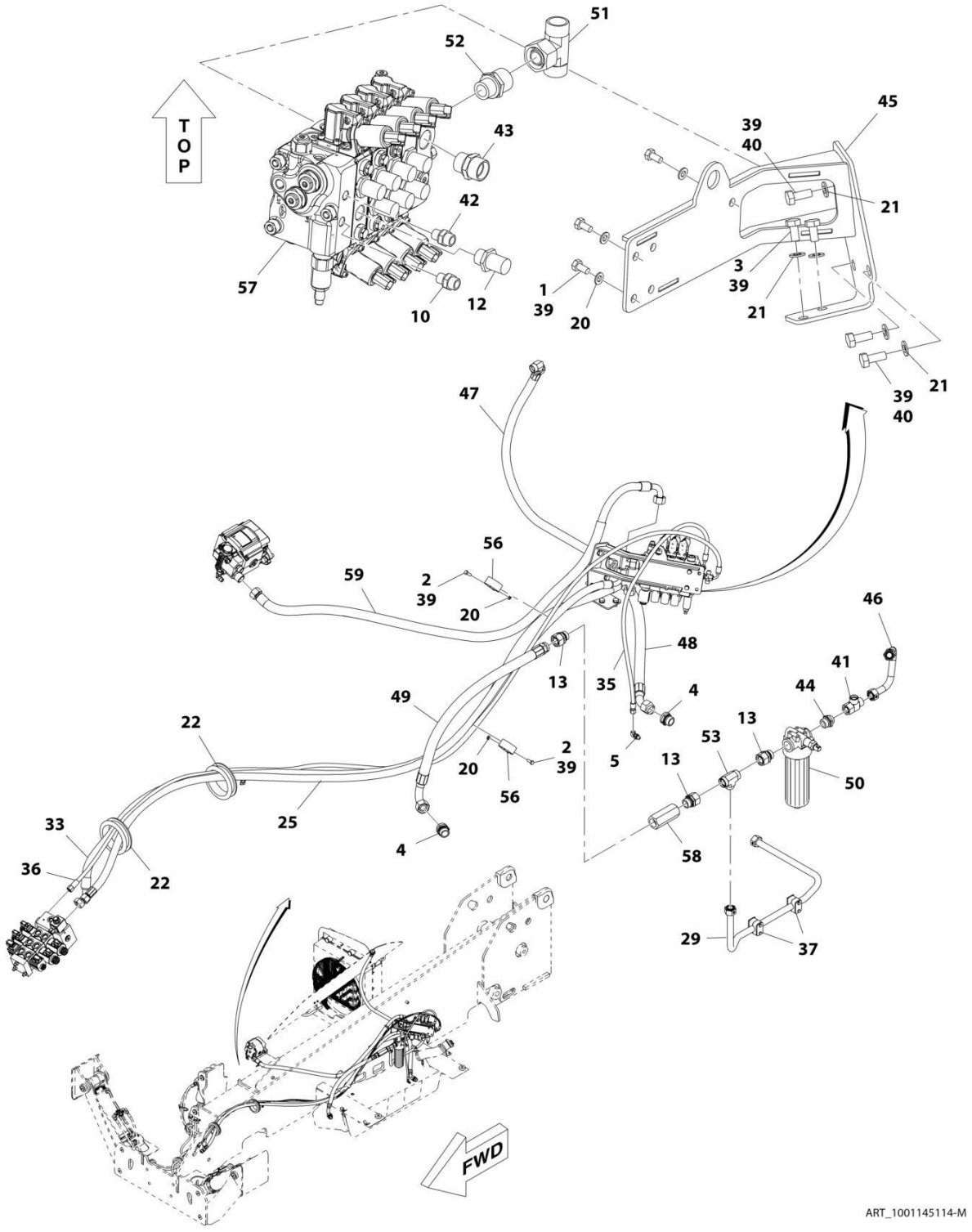
## FIGURE 8-3. PUMP LINES INSTALLATION - 3614RS (NO AUXILIARY HYDRAULICS)



## FIGURE 8-3. PUMP LINES INSTALLATION - 3614RS (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149647 | Ref | Pump Lines Installation - 3614RS (no auxiliary hydraulics) | L |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760808 | 3 | Bolt, M8X16 | |
| 3 | 0760810 | 2 | Bolt, M8X20 | |
| 4 | 0761010 | 2 | Bolt, M10X20 | |
| 5 | 2140211 | 2 | Adapter | |
| 6 | 2140406 | 1 | Fitting | |
| 8 | 1001165561 | 1 | Hose | |
| 11 | 2142706 | 1 | Connector | |
| 13 | 2142733 | 6 | Connector | |
| 14 | 2142808 | 3 | Adapter | |
| 21 | 4811900 | 5 | Washer, M8 | |
| 22 | 4812000 | 5 | Washer, M10 | |
| 23 | 1001003439 | 2 | Grommet | |
| 26 | 1001148552 | 1 | Hose | |
| 30 | 1001146145 | 1 | Tube, Oil Cooling | |
| 35 | 1001147135 | 1 | Hose | |
| 36 | 1001148553 | 1 | Hose | |
| 37 | 1001148382 | 2 | Clamp, Tube | |
| 39 | 0701012 | 3 | Bolt, M10X25 | |
| 40 | 2142207 | 1 | Fitting, Swivel Run Tee | |
| 41 | 2142718 | 1 | Connector | |
| 42 | 1001188875 | 1 | Plate | |
| 43 | 1001202335 | 1 | Tube | |
| 44 | 1001154645 | 1 | Hose | |
| 45 | 1001154646 | 1 | Hose | |
| 46 | 1001154647 | 1 | Hose | |
| 47 | 1001175757 | 1 | Filter, Hydraulic Oil (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 48 | 2142117 | 1 | Fitting, Swivel Branch Tee | |
| 49 | 2142735 | 1 | Connector | |
| 50 | 1001162929 | 1 | Adapter | |
| 51 | 2142748 | 1 | Connector | |
| 54 | 1001008667 | 2 | Clip | |
| 55 | 1001173148 | 1 | Valve, Main Control (no auxiliary hydraulics) (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 56 | 1001173742 | 1 | Valve, Bypass | |
| 57 | 1001174417 | 1 | Hose | |
| 58 | 2142708 | 1 | Connector | |

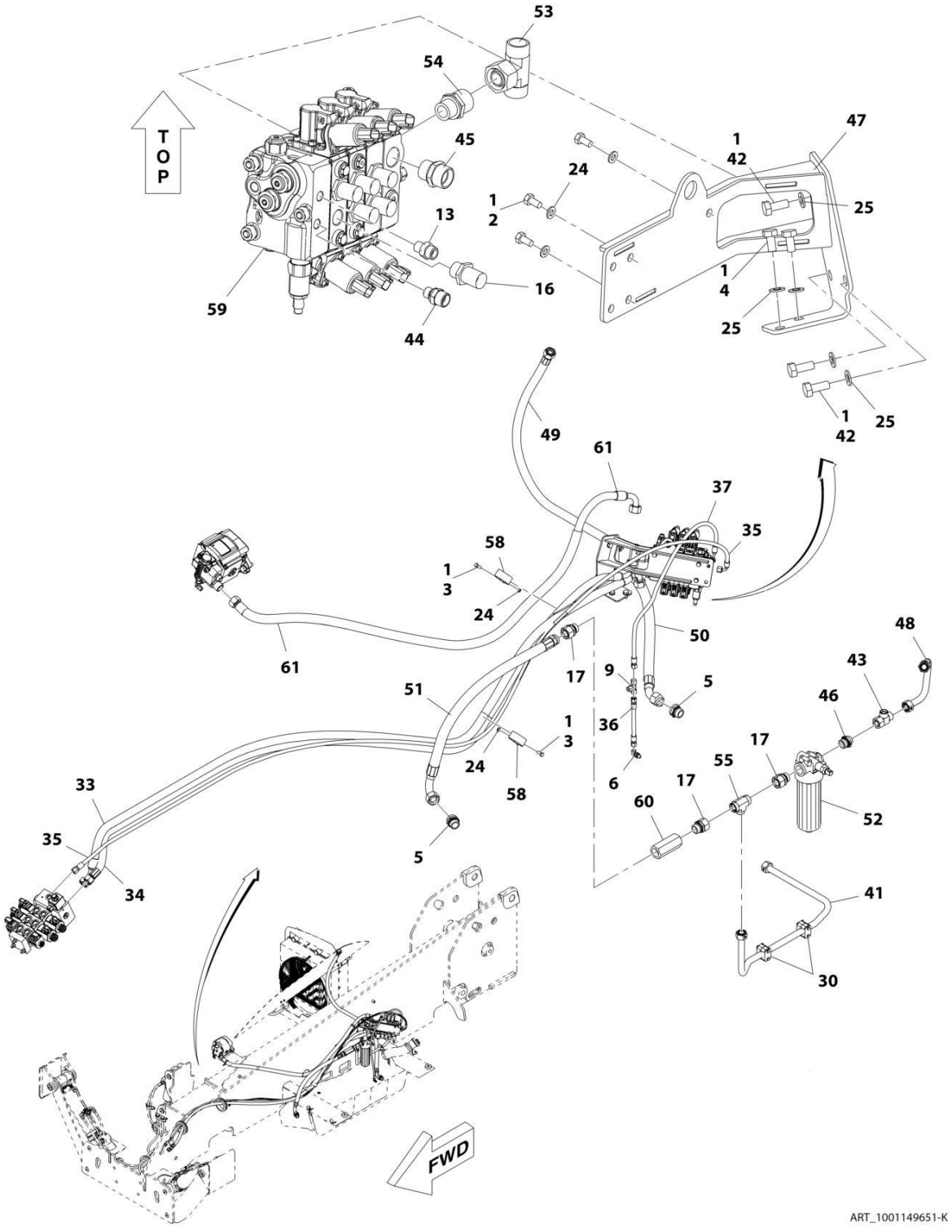
## FIGURE 8-4. PUMP LINES INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)



## FIGURE 8-4. PUMP LINES INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145114 | Ref | Pump Lines Installation - 3614RS (auxiliary hydraulics) | M |
| 1 | 0760808 | 3 | Bolt, M8X16 | |
| 2 | 0760810 | 2 | Bolt, M8X20 | |
| 3 | 0761010 | 2 | Bolt, M10X20 | |
| 4 | 2140211 | 2 | Adapter | |
| 5 | 2140406 | 1 | Fitting | |
| 10 | 2142706 | 1 | Connector | |
| 12 | 2142733 | 8 | Connector | |
| 13 | 2142808 | 3 | Adapter | |
| 20 | 4811900 | 5 | Washer, M8 | |
| 21 | 4812000 | 5 | Washer, M10 | |
| 22 | 1001003439 | 2 | Grommet | |
| 25 | 1001148552 | 1 | Hose | |
| 29 | 1001146145 | 1 | Tube, Oil Cooling | |
| 33 | 1001165561 | 1 | Hose | |
| 35 | 1001147135 | 1 | Hose | |
| 36 | 1001148553 | 1 | Hose | |
| 37 | 1001148382 | 2 | Clamp, Tube | |
| 39 | 1001095650 | AR | Compound, Locking | |
| 40 | 0701012 | 3 | Bolt, M10X25 | |
| 41 | 2142207 | 1 | Fitting, Swivel Run Tee | |
| 42 | 2142708 | 1 | Connector | |
| 43 | 2142718 | 1 | Connector | |
| 44 | 2142748 | 1 | Connector | |
| 45 | 1001188875 | 1 | Plate | |
| 46 | 1001202335 | 1 | Tube | |
| 47 | 1001154645 | 1 | Hose | |
| 48 | 1001154646 | 1 | Hose | |
| 49 | 1001154647 | 1 | Hose | |
| 50 | 1001175757 | 1 | Filter, Hydraulic Oil (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 51 | 2142117 | 1 | Fitting, Swivel Branch Tee | |
| 52 | 2142735 | 1 | Connector | |
| 53 | 1001162929 | 1 | Adapter | |
| 56 | 1001008667 | 2 | Clip | |
| 57 | 1001173147 | 1 | Valve, Main Control (auxiliary hydraulics) (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 58 | 1001173742 | 1 | Valve, Bypass | |
| 59 | 1001174417 | 1 | Hose | |

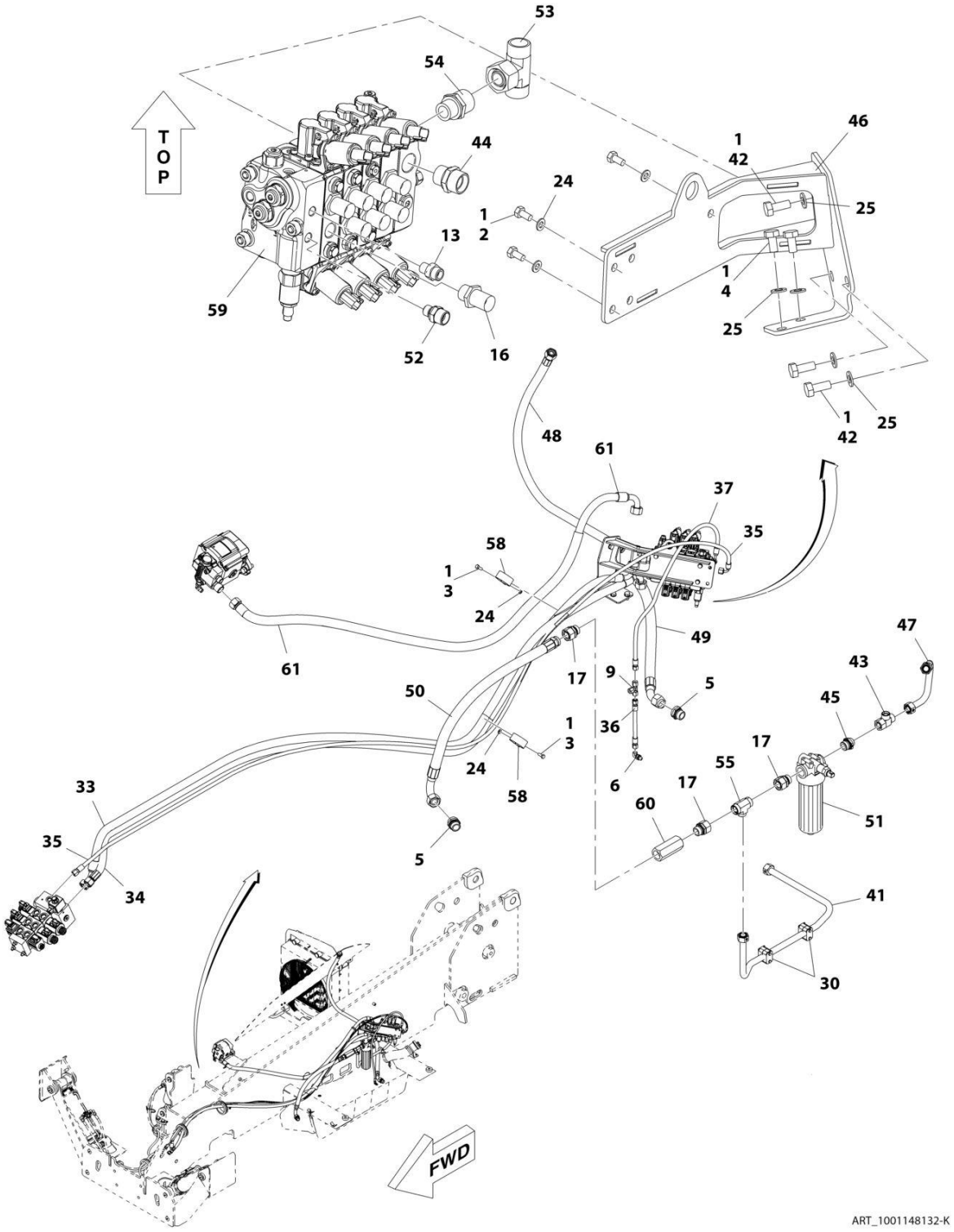
## FIGURE 8-5. PUMP LINES INSTALLATION - 4017RS (NO AUXILIARY HYDRAULICS)



## FIGURE 8-5. PUMP LINES INSTALLATION - 4017RS (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149651 | Ref | Pump Lines Installation - 4017RS (no auxiliary hydraulics) | K |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760808 | 3 | Bolt, M8X16 | |
| 3 | 0760810 | 2 | Bolt, M8X20 | |
| 4 | 0761010 | 2 | Bolt, M10X20 | |
| 5 | 2140211 | 2 | Adapter | |
| 6 | 2140406 | 1 | Fitting | |
| 9 | 2141907 | 1 | Fitting, Union Tee | |
| 13 | 2142706 | 1 | Connector | |
| 16 | 2142733 | 6 | Connector | |
| 17 | 2142808 | 3 | Adapter | |
| 24 | 4811900 | 5 | Washer, M8 | |
| 25 | 4812000 | 5 | Washer, M10 | |
| 30 | 1001148382 | 2 | Clamp, Tube | |
| 33 | 1001165561 | 1 | Hose | |
| 34 | 1001148552 | 1 | Hose | |
| 35 | 1001148553 | 1 | Hose | |
| 36 | 1001148658 | 1 | Hose | |
| 37 | 1001148659 | 1 | Hose | |
| 41 | 1001189192 | 1 | Pipe, Oil Cooling | |
| 42 | 0701012 | 3 | Bolt, M10X25 | |
| 43 | 2142207 | 1 | Fitting, Swivel Run Tee | |
| 44 | 2142711 | 1 | Connector | |
| 45 | 2142718 | 1 | Connector | |
| 46 | 2142748 | 1 | Connector | |
| 47 | 1001188875 | 1 | Plate | |
| 48 | 1001202335 | 1 | Tube | |
| 49 | 1001154645 | 1 | Hose | |
| 50 | 1001154646 | 1 | Hose | |
| 51 | 1001154647 | 1 | Hose | |
| 52 | 1001175757 | 1 | Filter, Hydraulic Oil (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 53 | 2142117 | 1 | Fitting, Swivel Branch Tee | |
| 54 | 2142735 | 1 | Connector | |
| 55 | 1001162929 | 1 | Adapter | |
| 58 | 1001008667 | 2 | Clip | |
| 59 | 1001173148 | 1 | Valve, Main Control (no auxiliary hydraulics) (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 60 | 1001173742 | 1 | Valve, Bypass | |
| 61 | 1001174417 | 1 | Hose | |

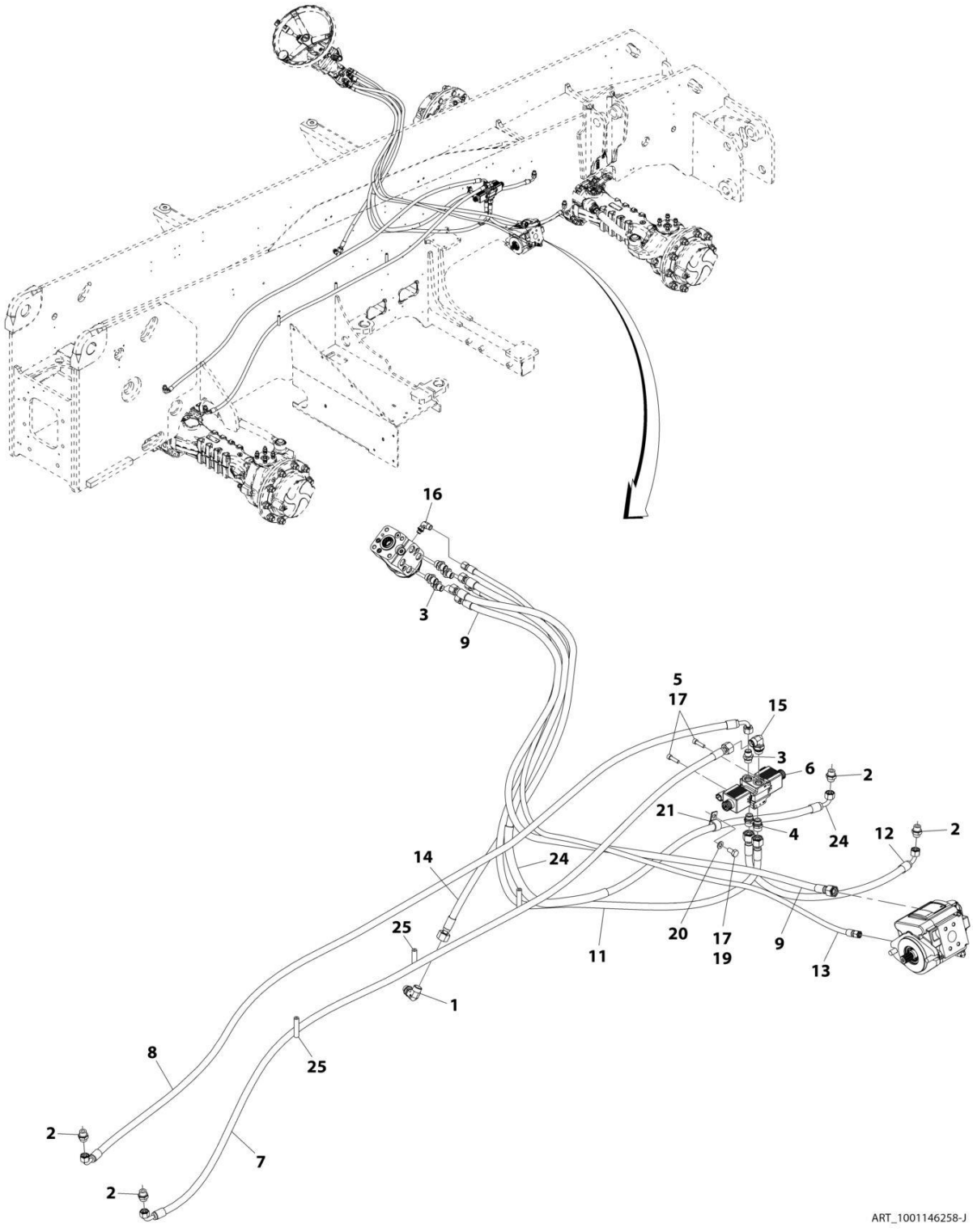
## FIGURE 8-6. PUMP LINES INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)



## FIGURE 8-6. PUMP LINES INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148132 | Ref | Pump Lines Installation - 4017RS (auxiliary hydraulics) | K |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760808 | 3 | Bolt, M8X16 | |
| 3 | 0760810 | 2 | Bolt, M8X20 | |
| 4 | 0761010 | 2 | Bolt, M10X20 | |
| 5 | 2140211 | 2 | Adapter | |
| 6 | 2140406 | 1 | Fitting | |
| 9 | 2141907 | 1 | Fitting, Union Tee | |
| 13 | 2142706 | 1 | Connector | |
| 16 | 2142733 | 8 | Connector | |
| 17 | 2142808 | 3 | Adapter | |
| 24 | 4811900 | 5 | Washer, M8 | |
| 25 | 4812000 | 5 | Washer, M10 | |
| 30 | 1001148382 | 2 | Clamp, Tube | |
| 33 | 1001165561 | 1 | Hose | |
| 34 | 1001148552 | 1 | Hose | |
| 35 | 1001148553 | 1 | Hose | |
| 36 | 1001148658 | 1 | Hose | |
| 37 | 1001148659 | 1 | Hose | |
| 41 | 1001189192 | 1 | Pipe, Oil Cooling | |
| 42 | 0701012 | 3 | Bolt, M10X25 | |
| 43 | 2142207 | 1 | Fitting, Swivel Run Tee | |
| 44 | 2142718 | 1 | Connector | |
| 45 | 2142748 | 1 | Connector | |
| 46 | 1001188875 | 1 | Plate | |
| 47 | 1001202335 | 1 | Tube | |
| 48 | 1001154645 | 1 | Hose | |
| 49 | 1001154646 | 1 | Hose | |
| 50 | 1001154647 | 1 | Hose | |
| 51 | 1001175757 | 1 | Filter, Hydraulic Oil (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 52 | 2142711 | 1 | Connector | |
| 53 | 2142117 | 1 | Fitting, Swivel Branch Tee | |
| 54 | 2142735 | 1 | Connector | |
| 55 | 1001162929 | 1 | Adapter | |
| 58 | 1001008667 | 2 | Clip | |
| 59 | 1001173147 | 1 | Valve, main Control (no auxiliary hydraulics) (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 60 | 1001173742 | 1 | Valve, Bypass | |
| 61 | 1001174417 | 1 | Hose | |

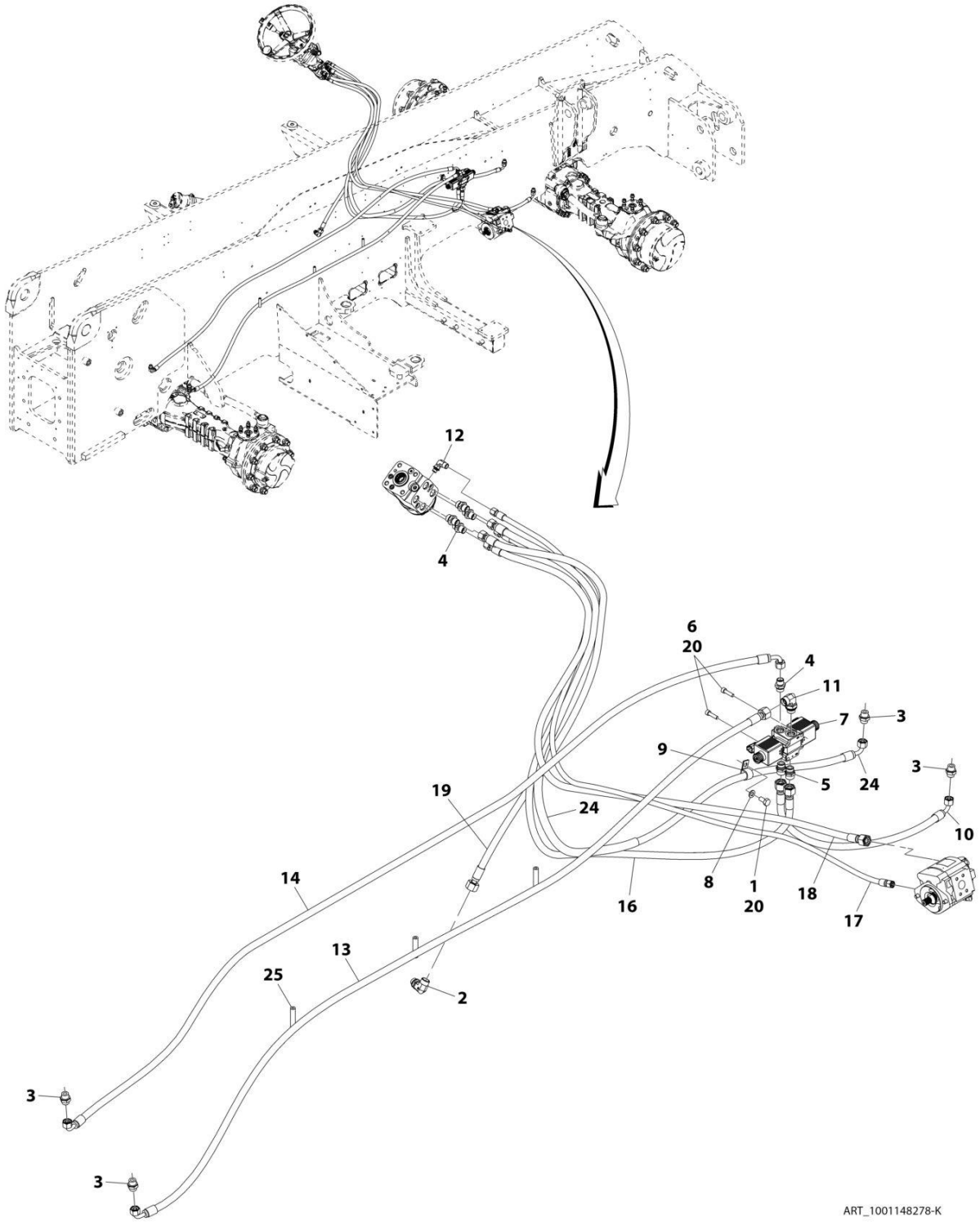
## FIGURE 8-7. STEERING INSTALLATION - 3614RS



## FIGURE 8-7. STEERING INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146258 | Ref | Steering Installation - 3614RS | J |
| 1 | 2140409 | 1 | Fitting | |
| 2 | 2140805 | 4 | Connector | |
| 3 | 2144804 | 5 | Connector | |
| 4 | 2144806 | 2 | Connector | |
| 5 | 4031910 | 2 | Bolt, M8X30 | |
| 6 | 1001153748 | 1 | Valve, Steering Select (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 7 | 1001145672 | 1 | Hose | |
| 8 | 1001145680 | 1 | Hose | |
| 9 | 1001145738 | 1 | Hose | |
| 11 | 1001145857 | 1 | Hose | |
| 12 | 1001145866 | 1 | Hose | |
| 13 | 1001145873 | 1 | Hose | |
| 14 | 1001145998 | 1 | Hose | |
| 15 | 1001147517 | 1 | Adapter | |
| 16 | 1001147518 | 1 | Adapter | |
| 17 | 1001095650 | AR | Compound, Locking | |
| 19 | 0761010 | 1 | Bolt, M10X20 | |
| 20 | 4812000 | 1 | Washer, M10 | |
| 21 | 1001004144 | 1 | Clip | |
| 24 | 1001174471 | 1 | Hose | |
| 25 | 1001165274 | 3 | Hose, Bulk | |

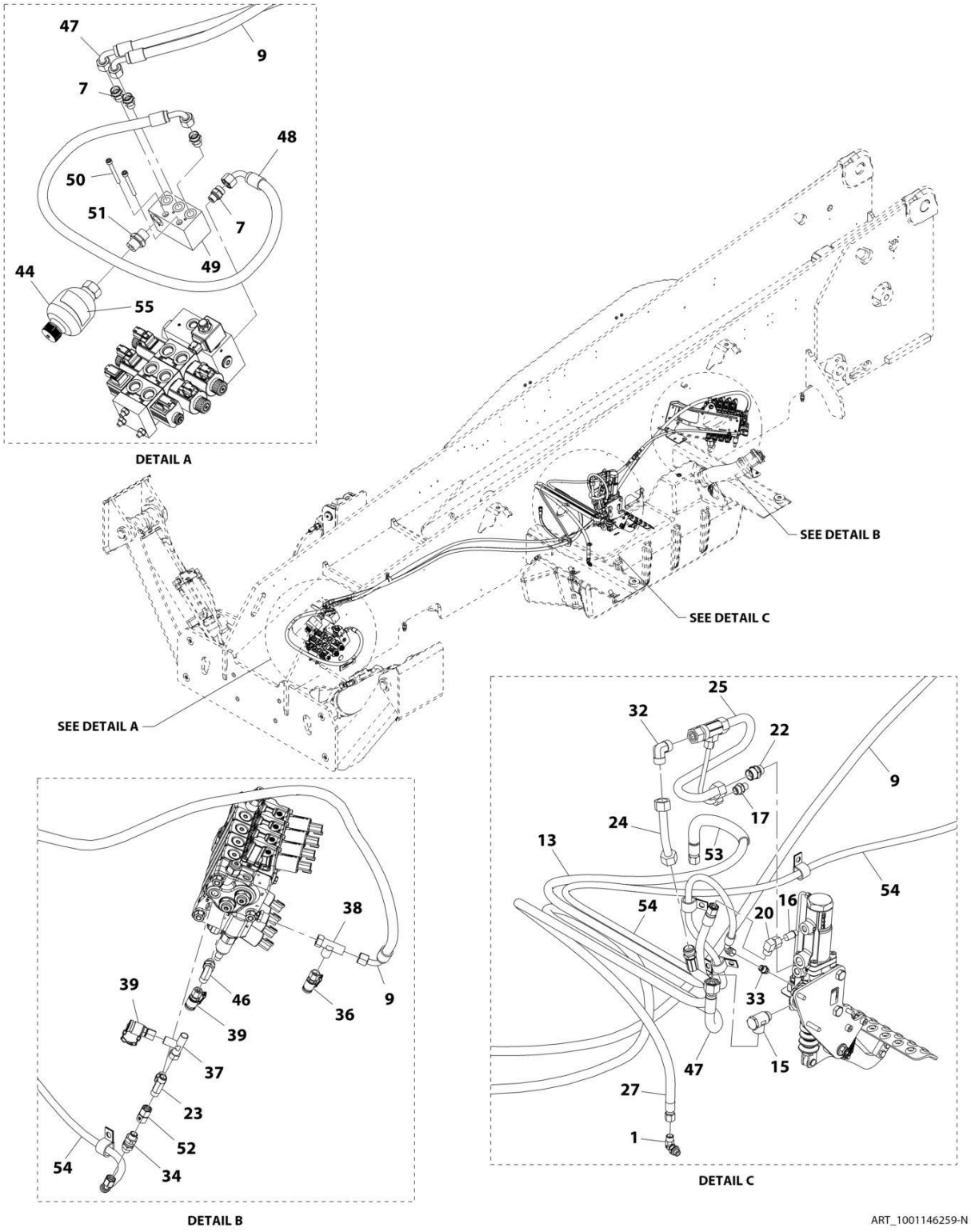
## FIGURE 8-8. STEERING INSTALLATION - 4017RS



## FIGURE 8-8. STEERING INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148278 | Ref | Steering Installation - 4017RS | K |
| 1 | 0761010 | 1 | Bolt, M10X20 | |
| 2 | 2140409 | 1 | Fitting | |
| 3 | 2140805 | 4 | Connector | |
| 4 | 2144804 | 5 | Connector | |
| 5 | 2144806 | 2 | Connector | |
| 6 | 4031910 | 2 | Bolt, M8X30 | |
| 7 | 1001153748 | 1 | Valve, Steering Select (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 8 | 4812000 | 1 | Washer, M10 | |
| 9 | 1001004144 | 1 | Clip | |
| 10 | 1001145866 | 1 | Hose | |
| 11 | 1001147517 | 1 | Adapter | |
| 12 | 1001147518 | 1 | Adapter | |
| 13 | 1001148284 | 1 | Hose | |
| 14 | 1001165662 | 1 | Hose | |
| 16 | 1001145857 | 1 | Hose | |
| 17 | 1001145873 | 1 | Hose | |
| 18 | 1001145738 | 1 | Hose | |
| 19 | 1001145998 | 1 | Hose | |
| 20 | 1001095650 | AR | Compound, Locking | |
| 24 | 1001174472 | 1 | Hose | |
| 25 | 1001165274 | 3 | Hose, Bulk | |

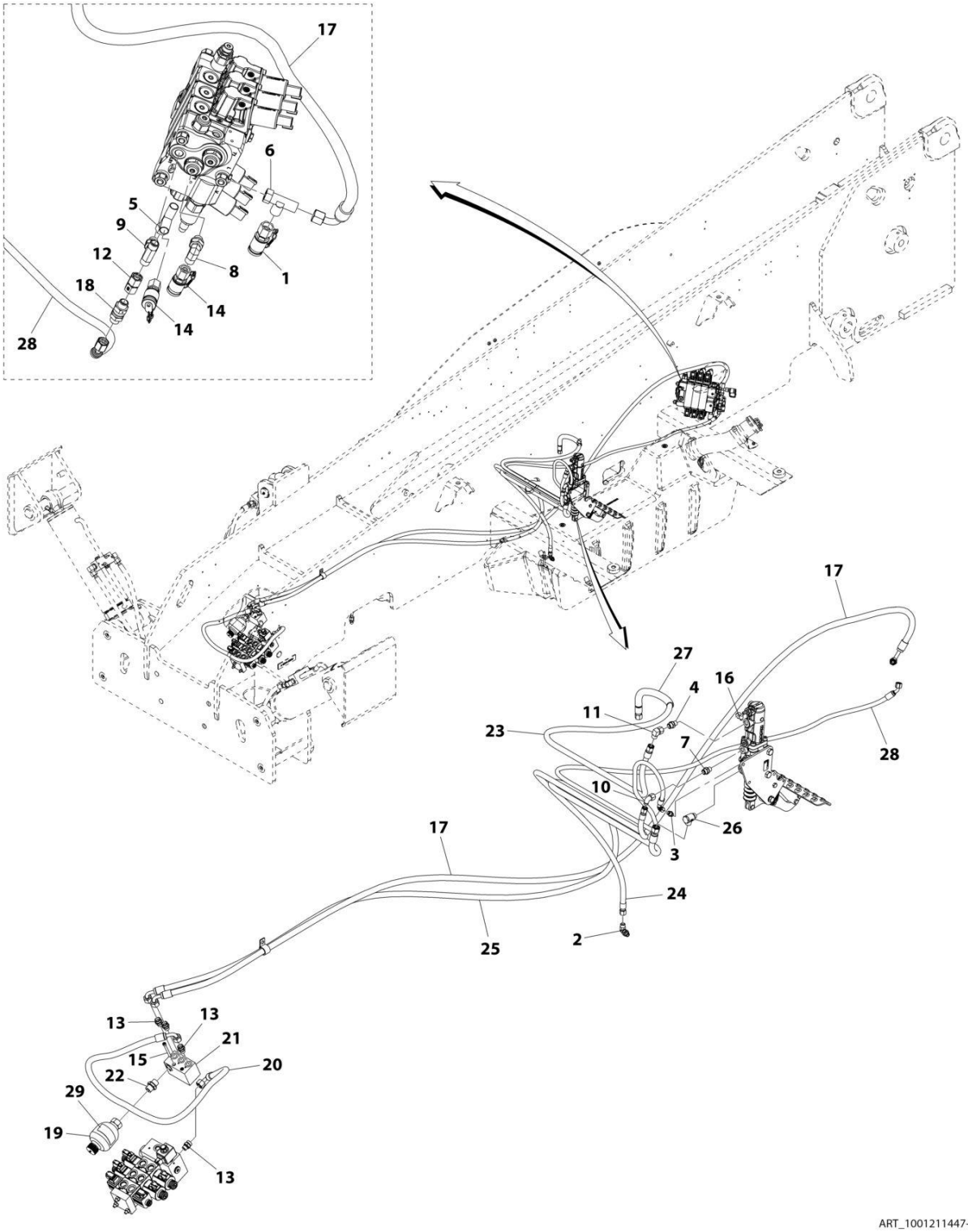
## FIGURE 8-9. UPPER BRAKE LINES INSTALLATION - 3614RS (SN 1160007024 through 1160008232)



## FIGURE 8-9. UPPER BRAKE LINES INSTALLATION - 3614RS (SN 1160007024 through 1160008232)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146259 | Ref | Upper Brake Lines Installation - 3614RS | N |
| 1 | 2140406 | 1 | Fitting | |
| 7 | 2144803 | 4 | Connector | |
| 9 | 1001146129 | 1 | Hose | |
| 13 | 1001205594 | 1 | Hose | |
| 15 | 1001162578 | 1 | Adapter | |
| 16 | 2140825 | 1 | Connector | |
| 17 | 2142706 | 1 | Connector | |
| 20 | 2143403 | 1 | Fitting | |
| 22 | 2140807 | 1 | Connector | |
| 23 | 2143102 | 1 | Fitting, Branch Tee | |
| 24 | 1001161129 | 1 | Tube | |
| 25 | 1001161130 | 1 | Tube | |
| 27 | 1001161267 | 1 | Hose | |
| 32 | 1001161474 | 1 | Fitting | |
| 33 | 2140801 | 1 | Connector | |
| 34 | 1001169139 | 1 | Adapter | |
| 36 | 1616551 | 1 | Fitting | |
| 37 | 2142202 | 1 | Fitting, Swivel Run Tee | |
| 38 | 2142203 | 1 | Fitting, Swivel Run Tee | |
| 39 | 2988632 | 2 | Fitting | |
| 44 | 1001173418 | 1 | Brake, Pressure Damper | |
| 46 | 2143004 | 1 | Fitting, 90 ORFS | |
| 47 | 1001178161 | 1 | Hose | |
| 48 | 1001178162 | 1 | Hose | |
| 49 | 1001178407 | 1 | Manifold, Brake Damper | |
| 50 | 4031716 | 2 | Bolt, M6X60 | |
| 51 | 1001179926 | 1 | Adapter | |
| 52 | 2143602 | 1 | Fitting | |
| 53 | 1001207170 | 1 | Conduit | |
| 54 | 1001211609 | 1 | Hose | |
| 55 | 1001247708 | 1 | Decal, Stored Energy | |

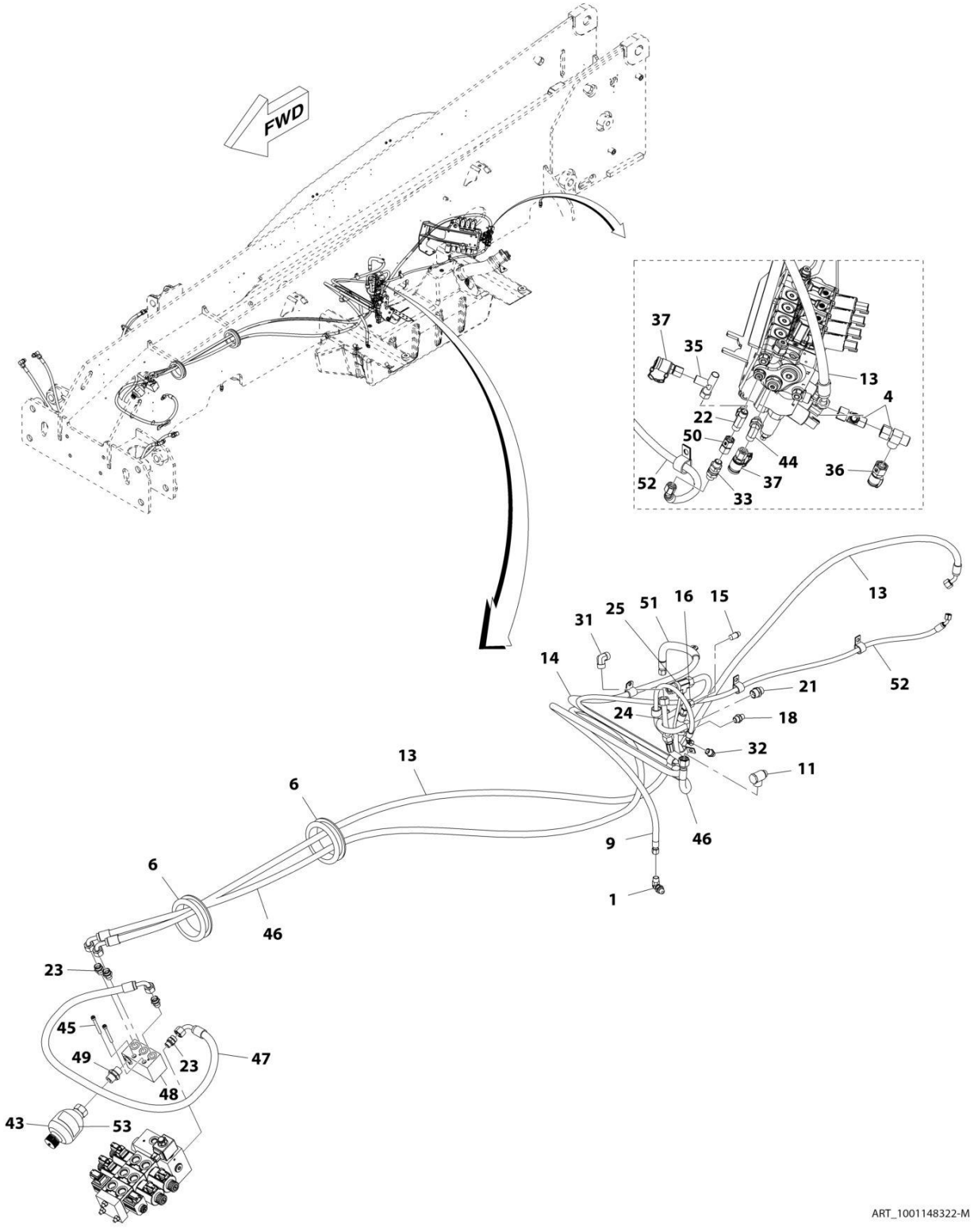
## FIGURE 8-10. UPPER BRAKE LINES INSTALLATION - 3614RS (SN 1160008232 through 1160008790)



## FIGURE 8-10. UPPER BRAKE LINES INSTALLATION - 3614RS (SN 1160008232 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001211447 | Ref | Upper Brake Lines Installation - 3614RS | E |
| 1 | 1616551 | 1 | Fitting | |
| 2 | 2140406 | 1 | Fitting | |
| 3 | 2140801 | 1 | Connector | |
| 4 | 2140803 | 1 | Connector | |
| 5 | 2142202 | 1 | Fitting, Swivel Run Tee | |
| 6 | 2142203 | 1 | Fitting, Swivel Run Tee | |
| 7 | 2142706 | 1 | Connector | |
| 8 | 2143004 | 1 | Fitting, 90 ORFS | |
| 9 | 2143102 | 1 | Fitting, Branch Tee | |
| 10 | 2143402 | 1 | Fitting | |
| 11 | 2143403 | 1 | Fitting | |
| 12 | 2143602 | 1 | Fitting | |
| 13 | 2144803 | 4 | Connector | |
| 14 | 2988632 | 2 | Fitting | |
| 15 | 4031716 | 2 | Bolt, M6X60 | |
| 16 | 8405009 | 1 | Gear Clamp | |
| 17 | 1001146129 | 1 | Hose | |
| 18 | 1001169139 | 1 | Adapter | |
| 19 | 1001173418 | 1 | Brake, Pressure Damper | |
| 20 | 1001178162 | 1 | Hose | |
| 21 | 1001178407 | 1 | Manifold, Brake Damper | |
| 22 | 1001179926 | 1 | Adapter | |
| 23 | 1001205594 | 1 | Hose | |
| 24 | 1001206583 | 1 | Hose | |
| 25 | 1001206584 | 1 | Hose | |
| 26 | 1001206592 | 1 | Adapter | |
| 27 | 1001207170 | 1 | Conduit | |
| 28 | 1001211609 | 1 | Hose | |
| 29 | 1001247708 | 1 | Decal, Stored Energy | |

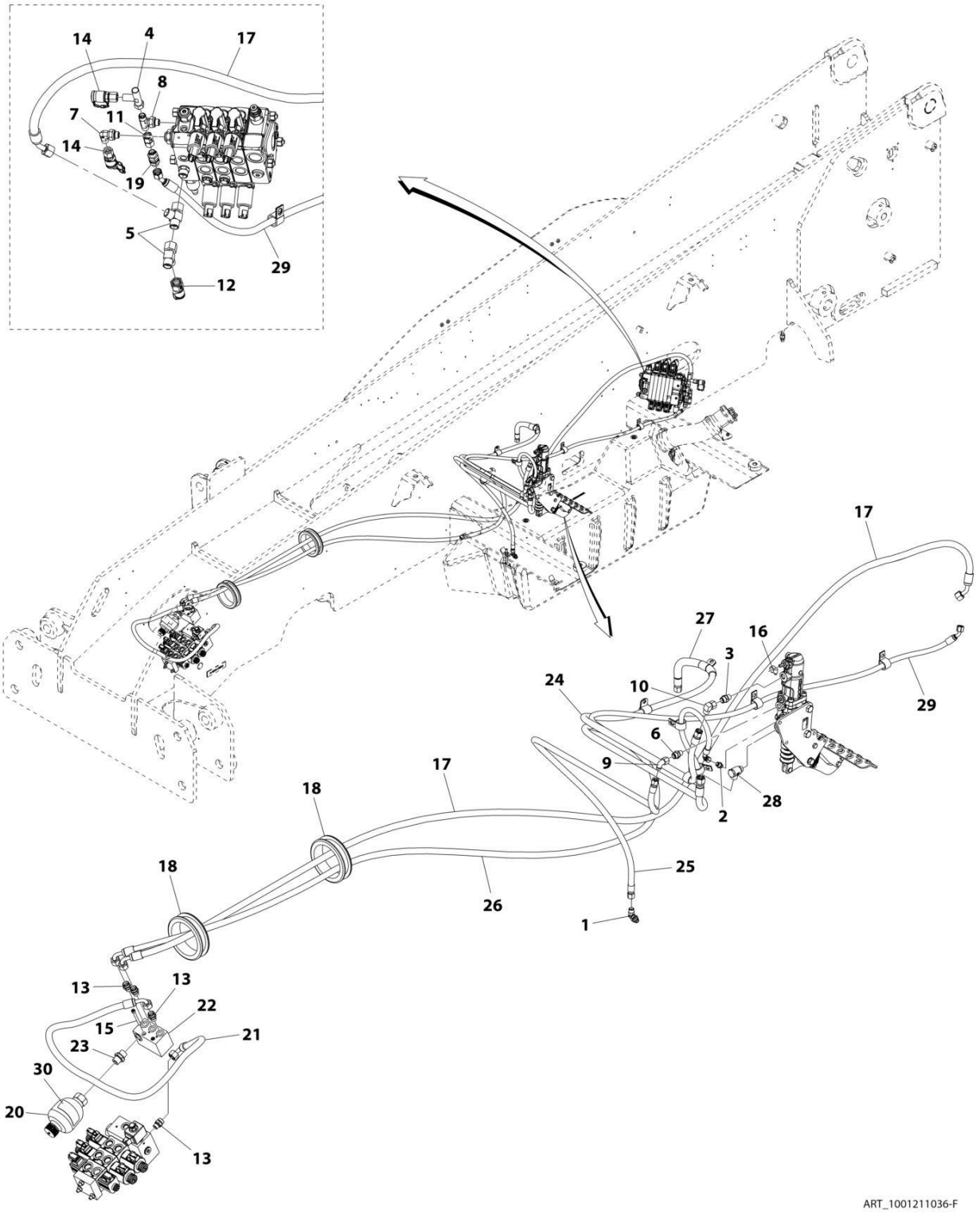
## FIGURE 8-11. UPPER BRAKE LINES INSTALLATION - 4017RS (SN 1160007024 through 1160008232)



## FIGURE 8-11. UPPER BRAKE LINES INSTALLATION - 4017RS (SN 1160007024 through 1160008232)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148322 | Ref | Upper Brake Lines Installation - 4017RS | M |
| 1 | 2140406 | 1 | Fitting | |
| 4 | 2142204 | 2 | Fitting, Swivel Run Tee | |
| 6 | 1001003439 | 2 | Grommet | |
| 9 | 1001161267 | 1 | Hose | |
| 11 | 1001162578 | 1 | Adapter | |
| 13 | 1001148320 | 1 | Hose | |
| 14 | 1001205594 | 1 | Hose | |
| 15 | 2140825 | 1 | Connector | |
| 16 | 2143403 | 1 | Fitting | |
| 18 | 2142706 | 1 | Connector | |
| 21 | 2140807 | 1 | Connector | |
| 22 | 2143102 | 1 | Fitting, Branch Tee | |
| 23 | 2144803 | 4 | Connector | |
| 24 | 1001161129 | 1 | Tube | |
| 25 | 1001161130 | 1 | Tube | |
| 31 | 1001161474 | 1 | Fitting | |
| 32 | 2140801 | 1 | Connector | |
| 33 | 1001169139 | 1 | Adapter | |
| 35 | 2142202 | 1 | Fitting, Swivel Run Tee | |
| 36 | 2144104 | 1 | Fitting | |
| 37 | 2988632 | 2 | Fitting | |
| 43 | 1001173418 | 1 | Brake, Pressure Damper | |
| 44 | 2143004 | 1 | Fitting, 90 ORFS | |
| 45 | 4031716 | 2 | Bolt, M6X60 | |
| 46 | 1001182912 | 1 | Hose | |
| 47 | 1001178162 | 1 | Hose | |
| 48 | 1001178407 | 1 | Manifold, Brake Damper | |
| 49 | 1001179926 | 1 | Adapter | |
| 50 | 2143602 | 1 | Fitting | |
| 51 | 1001207170 | 1 | Conduit | |
| 52 | 1001211609 | 1 | Hose | |
| 53 | 1001247708 | 1 | Decal, Stored Energy | |

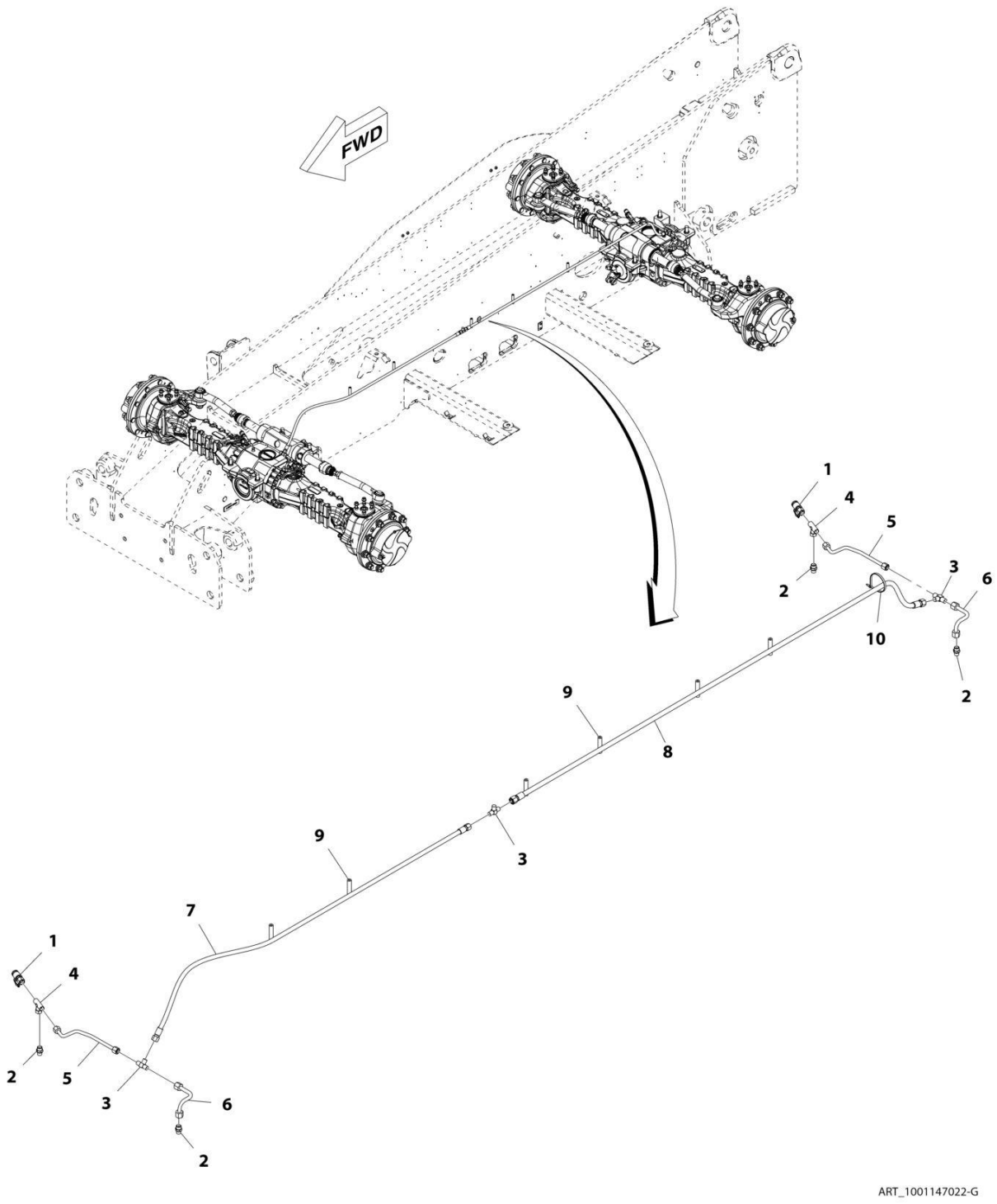
## FIGURE 8-12. UPPER BRAKE LINES INSTALLATION - 4017RS (SN 1160008232 through 1160008790)



## FIGURE 8-12. UPPER BRAKE LINES INSTALLATION - 4017RS (SN 1160008232 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001211036 | Ref | Upper Brake Lines Installation - 4017RS | F |
| 1 | 2140406 | 1 | Fitting | |
| 2 | 2140801 | 1 | Connector | |
| 3 | 2140803 | 1 | Connector | |
| 4 | 2142202 | 1 | Fitting, Swivel Run Tee | |
| 5 | 2142204 | 2 | Fitting, Swivel Run Tee | |
| 6 | 2142706 | 1 | Connector | |
| 7 | 2143004 | 1 | Fitting, 90 ORFS | |
| 8 | 2143102 | 1 | Fitting, Branch Tee | |
| 9 | 2143402 | 1 | Fitting | |
| 10 | 2143403 | 1 | Fitting | |
| 11 | 2143602 | 1 | Fitting | |
| 12 | 2144104 | 1 | Fitting | |
| 13 | 2144803 | 4 | Connector | |
| 14 | 2988632 | 2 | Fitting | |
| 15 | 4031716 | 2 | Bolt, M6X60 | |
| 16 | 8405009 | 1 | Gear Clamp | |
| 17 | 1001148320 | 1 | Hose | |
| 18 | 1001003439 | 2 | Grommet | |
| 19 | 1001169139 | 1 | Adapter | |
| 20 | 1001173418 | 1 | Brake, Pressure Damper | |
| 21 | 1001178162 | 1 | Hose | |
| 22 | 1001178407 | 1 | Manifold, Brake Damper | |
| 23 | 1001179926 | 1 | Adapter | |
| 24 | 1001205594 | 1 | Hose | |
| 25 | 1001206583 | 1 | Hose | |
| 26 | 1001206584 | 1 | Hose | |
| 27 | 1001207170 | 1 | Conduit | |
| 28 | 1001206592 | 1 | Adapter | |
| 29 | 1001211609 | 1 | Hose | |
| 30 | 1001247708 | 1 | Decal, Stored Energy | |

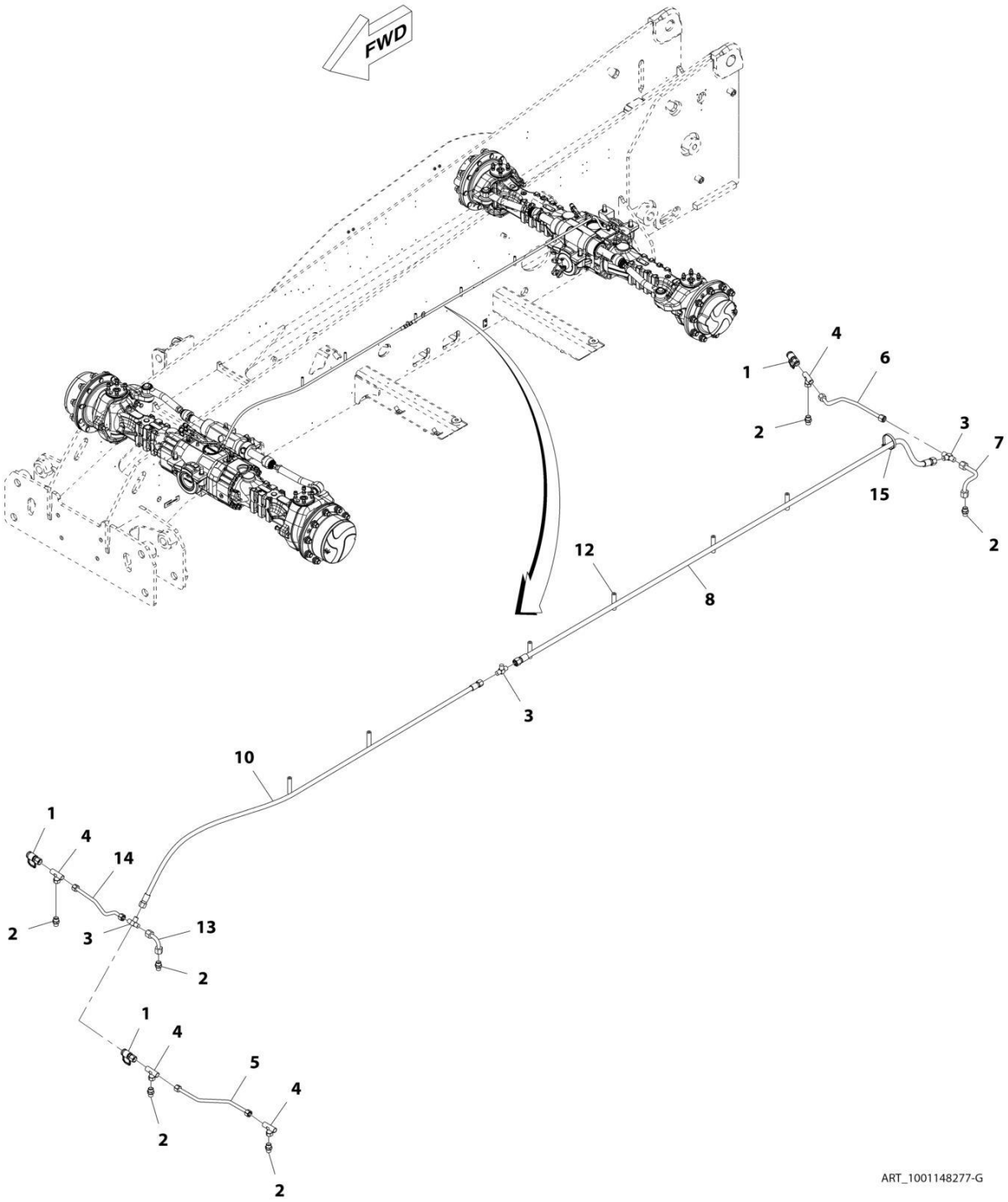
## FIGURE 8-13. LOWER BRAKE LINES INSTALLATION - 3614RS



## FIGURE 8-13. LOWER BRAKE LINES INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147022 | Ref | Lower Brake Lines Installation - 3614RS | G |
| 1 | 1616551 | 2 | Fitting | |
| 2 | 2140206 | 4 | Connector | |
| 3 | 2141908 | 3 | Fitting, Union Tee | |
| 4 | 2142103 | 2 | Fitting, Swivel Branch Tee | |
| 5 | 8002323 | 2 | Pipe | |
| 6 | 1001147021 | 2 | Pipe | |
| 7 | 1001211328 | 1 | Hose | |
| 8 | 1001205591 | 1 | Hose | |
| 9 | 1001165274 | 6 | Hose | |
| 10 | 1062255 | 1 | Tie, Strap | |

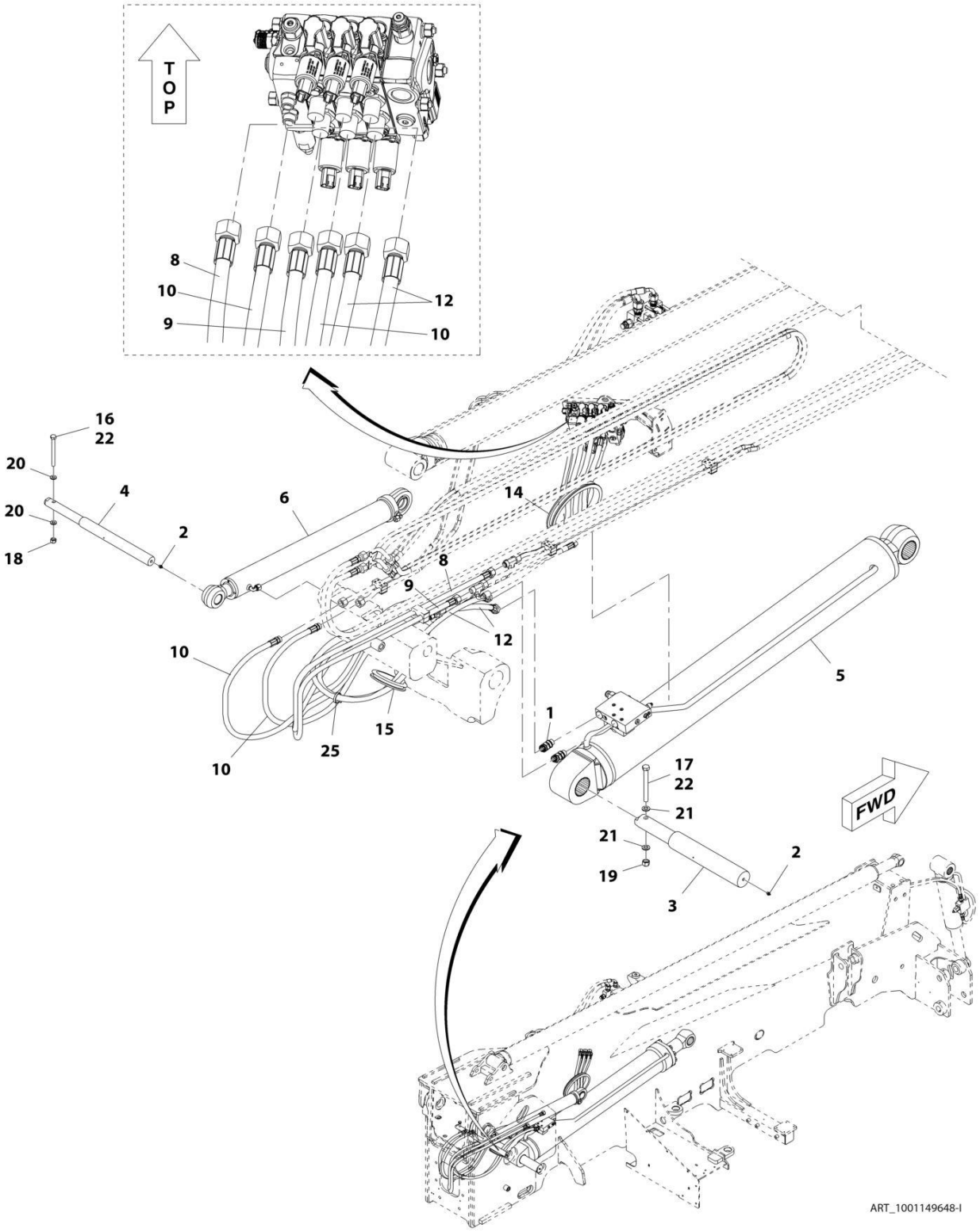
## FIGURE 8-14. LOWER BRAKE LINES INSTALLATION - 4017RS



## FIGURE 8-14. LOWER BRAKE LINES INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148277 | Ref | Lower Brake Lines Installation - 4017RS | G |
| 1 | 1616551 | 3 | Fitting | |
| 2 | 2140206 | 6 | Connector | |
| 3 | 2141908 | 3 | Fitting, Union Tee | |
| 4 | 2142103 | 4 | Fitting, Swivel Branch Tee | |
| 5 | 3460380 | 1 | Pipe | |
| 6 | 8002323 | 1 | Pipe | |
| 7 | 1001147021 | 1 | Pipe | |
| 8 | 1001205591 | 1 | Hose | |
| 10 | 1001205593 | 1 | Hose | |
| 12 | 1001165274 | 6 | Hose | |
| 13 | 1001171759 | 1 | Pipe | |
| 14 | 1001171760 | 1 | Pipe | |
| 15 | 1062255 | 1 | Tie, Strap | |

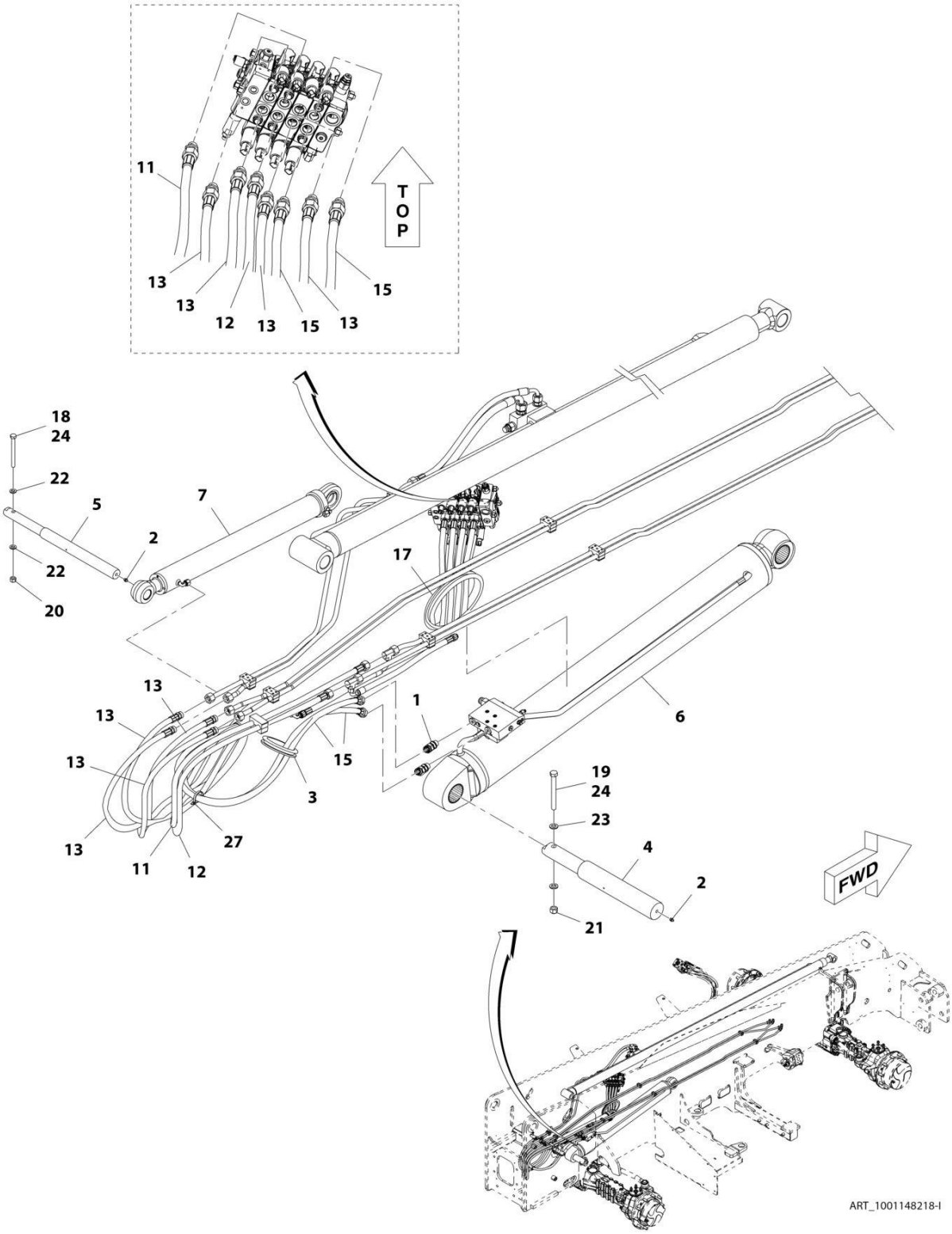
## FIGURE 8-15. IMPLEMENT LINES INSTALLATION - 3614RS (NO AUX HYDRAULICS)



## FIGURE 8-15. IMPLEMENT LINES INSTALLATION - 3614RS (NO AUX HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149648 | Ref | Implement Lines Installation - 3614RS (no auxiliary hydraulics) | I |
| 1 | 2142915 | 2 | Adapter | |
| 2 | 2160016 | 2 | Fitting, Grease | |
| 3 | 1001168803 | 1 | Pin, Lift Cylinder | |
| 4 | 1001168811 | 1 | Pin, Compensation Cylinder | |
| 5 | 1001144190 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007024 through 1160007517)** | |
| 5 | 1001184284 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007517 through 1160008790)** | |
| 6 | 1001144203 | 1 | Cylinder, Compensation (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 8 | 1001174300 | 1 | Hose | |
| 9 | 1001174308 | 1 | Hose | |
| 10 | 1001174305 | 2 | Hose | |
| 12 | 1001174302 | 2 | Hose | |
| 14 | 1001147871 | 1 | Grommet | |
| 15 | 1001178081 | 1 | Channel, Trim | |
| 16 | 0701230 | 1 | Bolt, M12X130 | |
| 17 | 0701632 | 1 | Bolt, M16X150 | |
| 18 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 19 | 3291605 | 1 | Nut, Lock, M16X2 | |
| 20 | 4812100 | 2 | Washer, M12 | |
| 21 | 4812300 | 2 | Washer, M16 | |
| 22 | 1001095650 | AR | Compound, Locking | |
| 25 | 1062255 | 2 | Tie, Strap | |

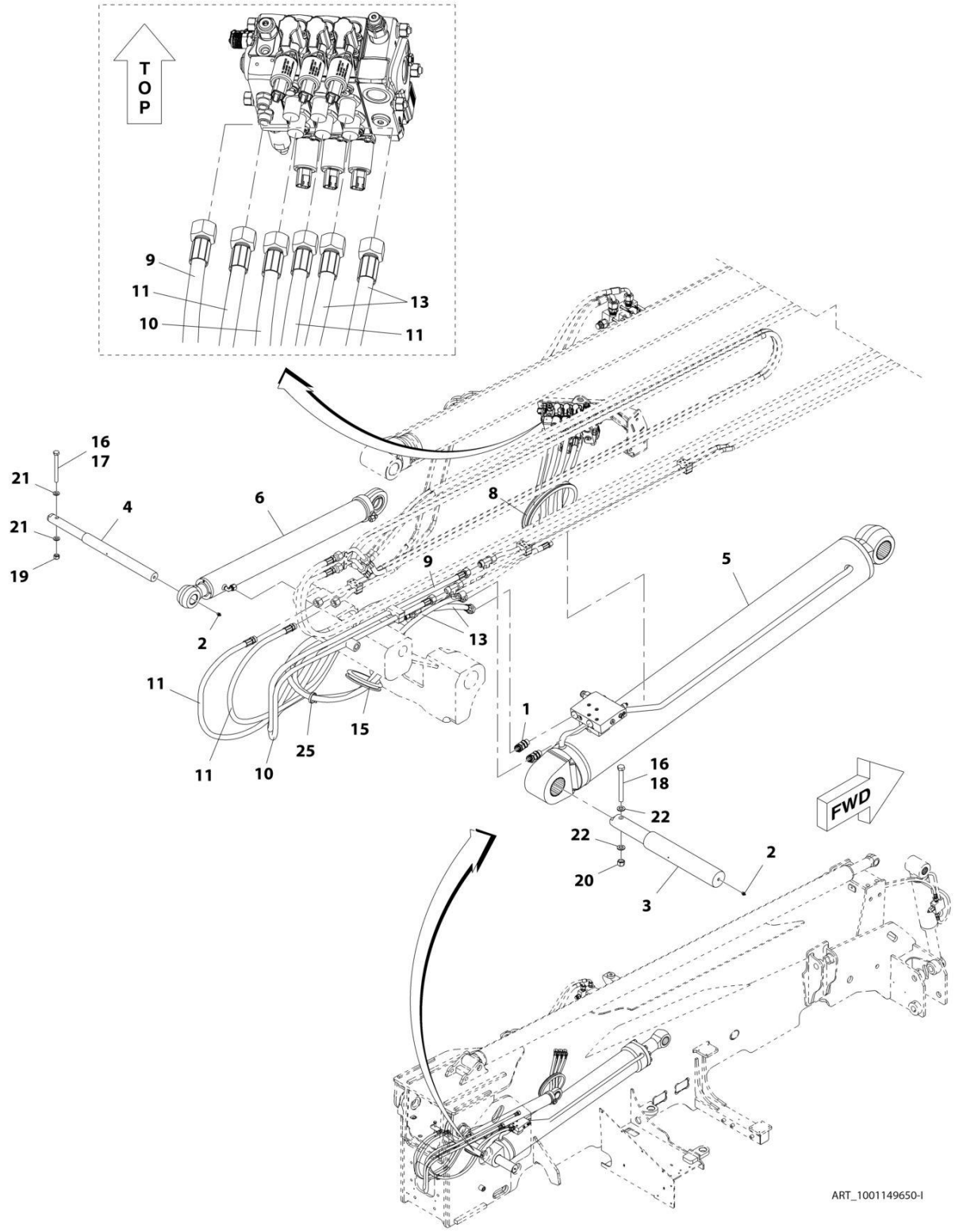
## FIGURE 8-16. IMPLEMENT LINES INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)



## FIGURE 8-16. IMPLEMENT LINES INSTALLATION - 3614RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148218 | Ref | Implement Lines Installation - 3614RS (auxiliary hydraulics) | I |
| 1 | 2142915 | 2 | Adapter | |
| 2 | 2160016 | 2 | Fitting, Grease | |
| 3 | 1001178081 | 1 | Channel, Trim | |
| 4 | 1001168803 | 1 | Pin, Lift Cylinder | |
| 5 | 1001168811 | 1 | Pin, Compensation Cylinder | |
| 6 | 1001144190 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007024 through 1160007517)** | |
| 6 | 1001184284 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007517 through 1160008790)** | |
| 7 | 1001144203 | 1 | Cylinder, Compensation (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 11 | 1001174300 | 1 | Hose | |
| 12 | 1001174308 | 1 | Hose | |
| 13 | 1001174305 | 4 | Hose | |
| 15 | 1001174302 | 2 | Hose | |
| 17 | 1001147871 | 1 | Grommet | |
| 18 | 0701230 | 1 | Bolt, M12X130 | |
| 19 | 0701632 | 1 | Bolt, M16X150 | |
| 20 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 21 | 3291605 | 1 | Nut, Lock, M16X2 | |
| 22 | 4812100 | 2 | Washer, M12 | |
| 23 | 4812300 | 2 | Washer, M16 | |
| 24 | 1001095650 | AR | Compound, Locking | |
| 27 | 1062255 | 2 | Tie, Strap | |

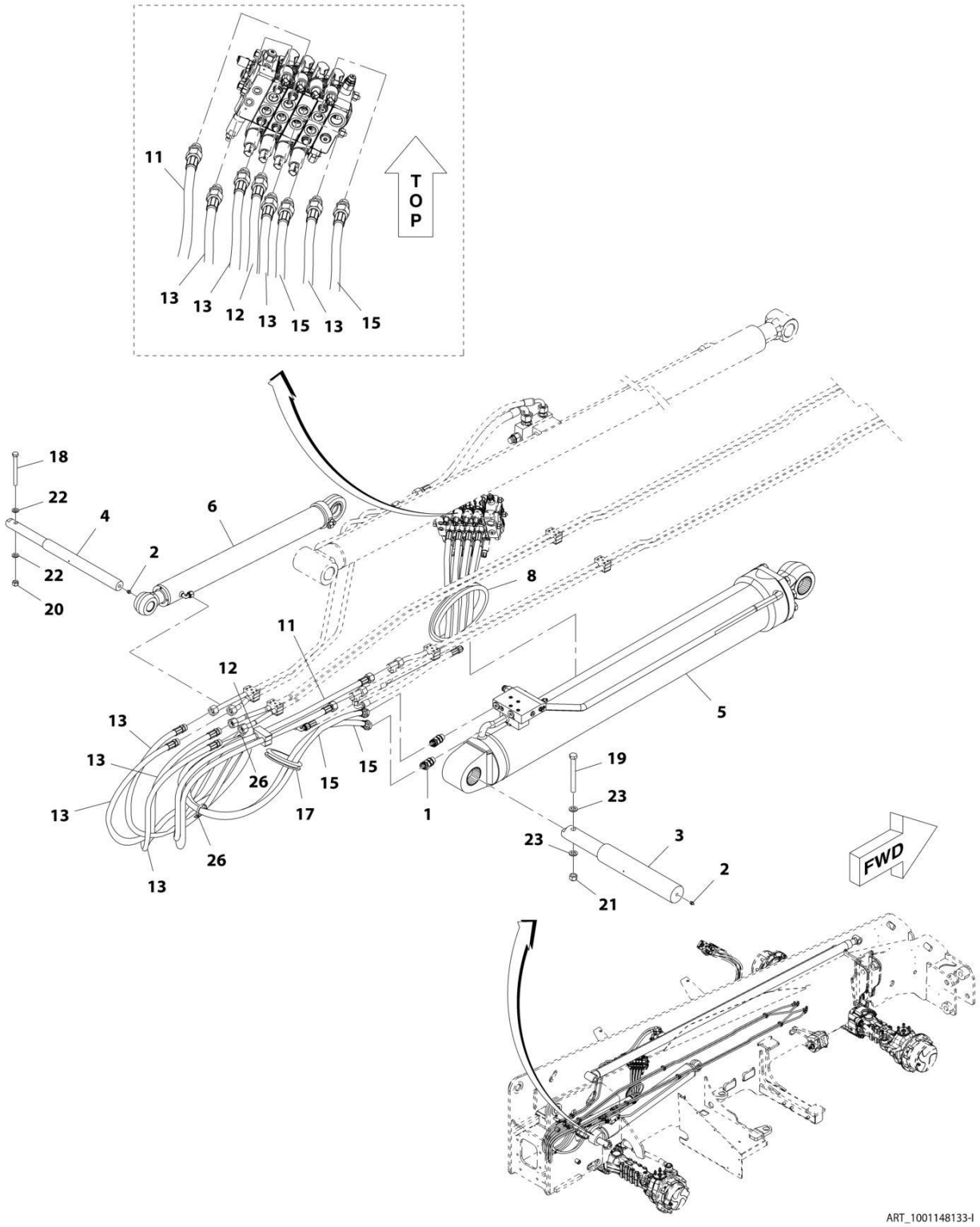
## FIGURE 8-17. IMPLEMENT LINES INSTALLATION - 4017RS (NO AUX HYDRAULICS)



## FIGURE 8-17. IMPLEMENT LINES INSTALLATION - 4017RS (NO AUX HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149650 | Ref | Implement Lines Installation - 4017RS (no auxiliary hydraulics) | I |
| 1 | 2142915 | 2 | Adapter | |
| 2 | 2160016 | 2 | Fitting, Grease | |
| 3 | 1001168803 | 1 | Pin, Lift Cylinder | |
| 4 | 1001168811 | 1 | Pin, Compensation Cylinder | |
| 5 | 1001144194 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007024 through 1160007492)** | |
| 5 | 1001184285 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007492 through 1160008790)** | |
| 6 | 1001144203 | 1 | Cylinder, Compensation (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 8 | 1001147871 | 1 | Grommet | |
| 9 | 1001174300 | 1 | Hose | |
| 10 | 1001174308 | 1 | Hose | |
| 11 | 1001174305 | 2 | Hose | |
| 13 | 1001174302 | 2 | Hose | |
| 15 | 1001178081 | 1 | Channel, Trim | |
| 16 | 1001095650 | AR | Compound, Locking | |
| 17 | 0701230 | 1 | Bolt, M12X130 | |
| 18 | 0701632 | 1 | Bolt, M16X150 | |
| 19 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 20 | 3291605 | 1 | Nut, Lock, M16X2 | |
| 21 | 4812100 | 2 | Washer, M12 | |
| 22 | 4812300 | 2 | Washer, M16 | |
| 25 | 1062255 | 2 | Tie, Strap | |

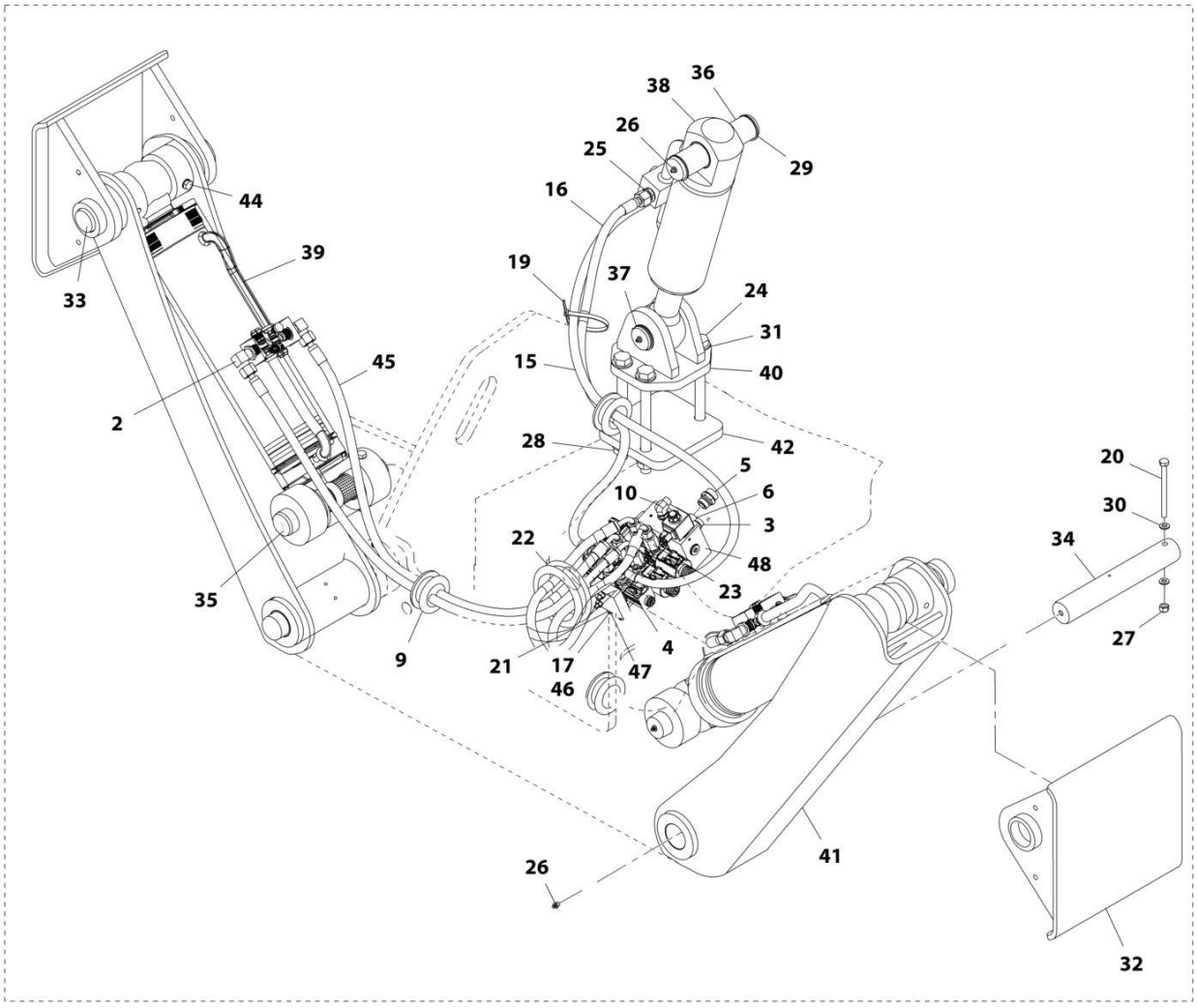
## FIGURE 8-18. IMPLEMENT LINES INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)



## FIGURE 8-18. IMPLEMENT LINES INSTALLATION - 4017RS (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148133 | Ref | Implement Lines Installation - 4017RS (auxiliary hydraulics) | I |
| 1 | 2142915 | 2 | Adapter | |
| 2 | 2160016 | 2 | Fitting, Grease | |
| 3 | 1001168803 | 1 | Pin, Lift Cylinder | |
| 4 | 1001168811 | 1 | Pin, Compensation Cylinder | |
| 5 | 1001144194 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007024 through 1160007492)** | |
| 5 | 1001184285 | 1 | Cylinder, Lift (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007492 through 1160008790)** | |
| 6 | 1001144203 | 1 | Cylinder, Compensation (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 8 | 1001147871 | 1 | Grommet | |
| 11 | 1001174300 | 1 | Hose | |
| 12 | 1001174308 | 1 | Hose | |
| 13 | 1001174305 | 4 | Hose | |
| 15 | 1001174302 | 2 | Hose | |
| 17 | 1001178081 | 1 | Channel, Trim | |
| 18 | 0701230 | 1 | Bolt, M12X130 | |
| 19 | 0701632 | 1 | Bolt, M16X150 | |
| 20 | 3291205 | 1 | Nut, Lock, M12X1.75 | |
| 21 | 3291605 | 1 | Nut, Lock, M16X2 | |
| 22 | 4812100 | 2 | Washer, M12 | |
| 23 | 4812300 | 2 | Washer, M16 | |
| 26 | 1062255 | 2 | Tie, Strap | |

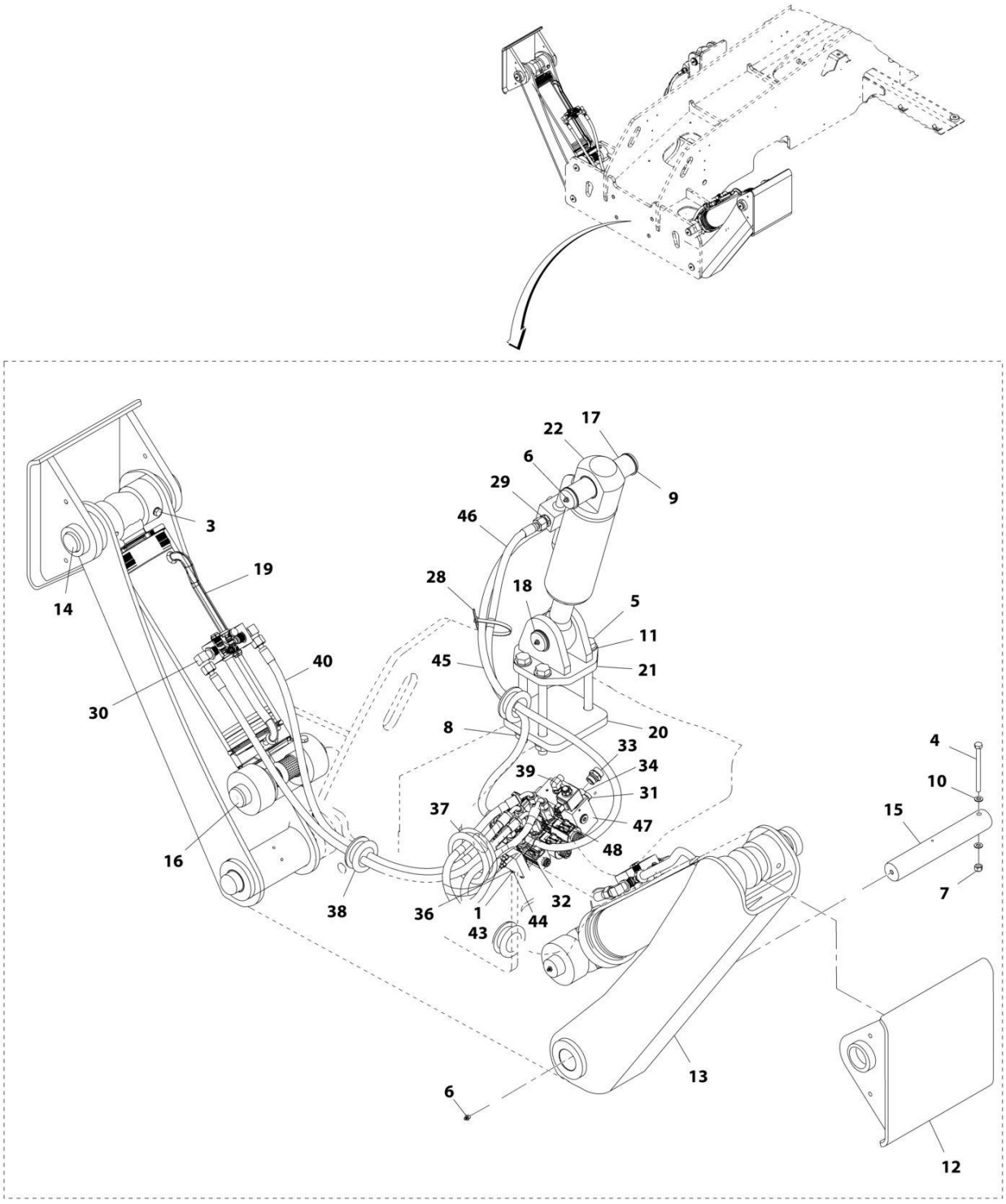
## FIGURE 8-19. LEVELING AND OUTRIGGERS INSTALLATION - 3614RS



## FIGURE 8-19. LEVELING AND OUTRIGGERS INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146341 | Ref | Leveling and Outriggers Installation - 3614RS | K |
| 2 | 2143007 | 5 | Fitting | |
| 3 | 2144803 | 1 | Connector | |
| 4 | 2144804 | 2 | Connector | |
| 5 | 2144809 | 1 | Connector | |
| 6 | 2144823 | 1 | Connector | |
| 9 | 1001028308 | 3 | Grommet | |
| 10 | 1001092584 | 1 | Adapter | |
| 15 | 1001146293 | 1 | Hose | |
| 16 | 1001146294 | 1 | Hose | |
| 17 | 1001095650 | AR | Compound, Locking | |
| 19 | 1062255 | 1 | Tie, Strap | |
| 20 | 0701030 | 4 | Bolt, M10X130 | |
| 21 | 4811700 | 4 | Washer, M6 | |
| 22 | 1001003439 | 1 | Grommet | |
| 23 | 1001155345 | 4 | Fitting | |
| 24 | 0712040 | 4 | Bolt, M20X230, Grade 10.9 | |
| 25 | 2142715 | 1 | Connector | |
| 26 | 2160016 | 8 | Fitting, Grease | |
| 27 | 3291005 | 6 | Nut, Lock, M10X1.5 | |
| 28 | 3332011 | 4 | Nut, M20X2.5 | |
| 29 | 3760493 | 4 | Ring, Retaining | |
| 30 | 4812000 | 12 | Washer, M10 | |
| 31 | 5242000 | 8 | Washer, M20 | |
| 32 | 1001169243 | 2 | Weldment, Outrigger Pad | |
| 33 | 1001099913 | 2 | Pin, Outrigger Cylinder | |
| 34 | 1001204281 | 2 | Pin, Outrigger Leg | |
| 35 | 1001204282 | 2 | Pin, Outrigger Cylinder | |
| 36 | 1001165447 | 1 | Pin, Frame Level | |
| 37 | 1001143832 | 1 | Pin, Frame Level Rod | |
| 38 | 1001144202 | 1 | Cylinder, Frame Level (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160007024 through 1160008262)** | |
| 38 | 1001146580 | 1 | Cylinder, Frame Level (See HYDRAULIC COMPONENTS SECTION for Breakdown) **(SN 1160008262 through 1160008790)** | |
| 39 | 1001144215 | 2 | Cylinder, Outrigger (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 40 | 1001145151 | 1 | Bracket | |
| 41 | 1001145267 | 2 | Assembly, Outrigger Leg (See OUTRIGGER LEG ASSEMBLY for Breakdown) | |
| 42 | 1001148835 | 1 | Plate | |
| 44 | 0701029 | 2 | Bolt, M10X120 | |
| 45 | 1001183066 | 4 | Hose | |
| 46 | 3290601 | 4 | Nut, M6X1 | |
| 47 | 1001175962 | 4 | Stud, M6X30 | |
| 48 | 1001173880 | 1 | Valve, Outrigger (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |

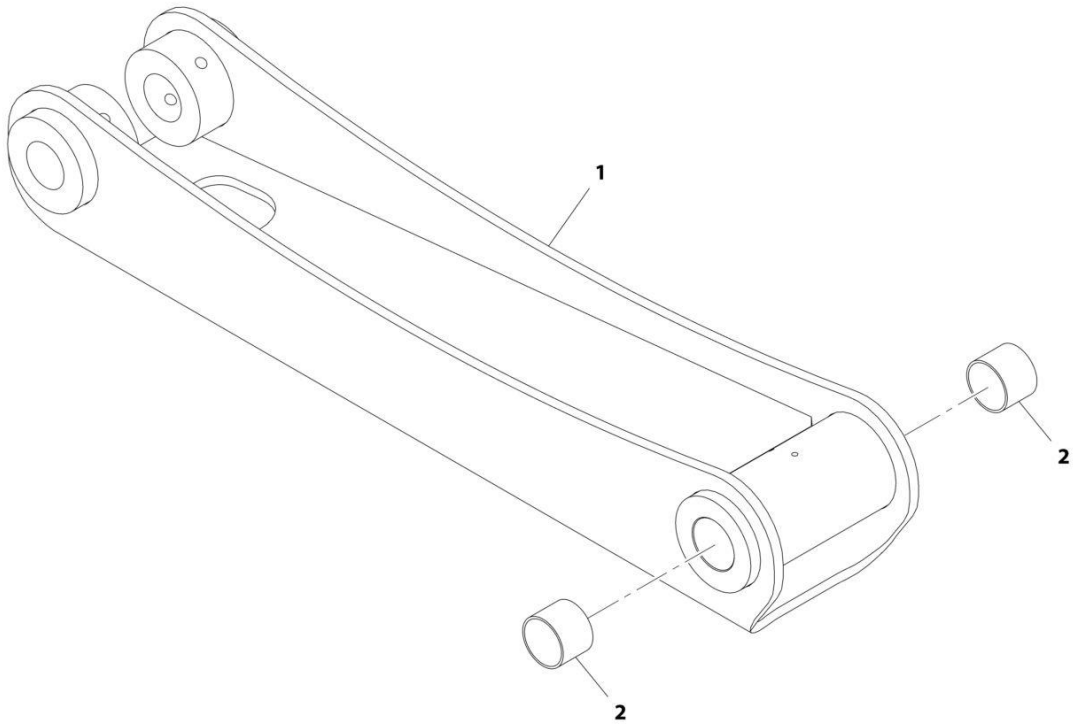
## FIGURE 8-20. LEVELING AND OUTRIGGERS INSTALLATION - 4017RS



## FIGURE 8-20. LEVELING AND OUTRIGGERS INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148129 | Ref | Leveling and Outriggers Installation - 4017RS | K |
| 1 | 1001095650 | AR | Compound, Locking | |
| 3 | 0701029 | 2 | Bolt, M10X120 | |
| 4 | 0701030 | 4 | Bolt, M10X130 | |
| 5 | 0712042 | 4 | Bolt, M20X250, Grade 10.9 | |
| 6 | 2160016 | 8 | Fitting, Grease | |
| 7 | 3291005 | 6 | Nut, Lock, M10X1.5 | |
| 8 | 3332011 | 4 | Nut, M20X2.5 | |
| 9 | 3760493 | 4 | Ring, Retaining | |
| 10 | 4812000 | 12 | Washer, M10 | |
| 11 | 5242000 | 8 | Washer, M20 | |
| 12 | 1001169243 | 2 | Weldment, Outrigger Pad | |
| 13 | 1001145267 | 2 | Assembly, Outrigger Leg (See OUTRIGGER LEG ASSEMBLY for Breakdown) | |
| 14 | 1001099913 | 2 | Pin, Outrigger Cylinder | |
| 15 | 1001204281 | 2 | Pin, Outrigger Leg | |
| 16 | 1001204282 | 2 | Pin, Outrigger Cylinder | |
| 17 | 1001165447 | 1 | Pin, Frame Level | |
| 18 | 1001143832 | 1 | Pin, Frame Level Rod | |
| 19 | 1001144215 | 2 | Cylinder, Outrigger (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 20 | 1001148835 | 1 | Plate | |
| 21 | 1001145151 | 1 | Bracket | |
| 22 | 1001146580 | 1 | Cylinder, Frame Level (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 28 | 1062255 | 1 | Tie, Strap | |
| 29 | 2142715 | 1 | Connector | |
| 30 | 2143007 | 5 | Fitting | |
| 31 | 2144803 | 1 | Connector | |
| 32 | 2144804 | 2 | Connector | |
| 33 | 2144809 | 1 | Connector | |
| 34 | 2144823 | 1 | Connector | |
| 36 | 4811700 | 4 | Washer, M6 | |
| 37 | 1001003439 | 1 | Grommet | |
| 38 | 1001028308 | 3 | Grommet | |
| 39 | 1001092584 | 1 | Adapter | |
| 40 | 1001183067 | 4 | Hose | |
| 43 | 3290601 | 4 | Nut, M6X1 | |
| 44 | 1001175962 | 4 | Stud, M6X40 | |
| 45 | 1001146293 | 1 | Hose | |
| 46 | 1001146294 | 1 | Hose | |
| 47 | 1001173880 | 1 | Valve, Outrigger (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 48 | 1001155345 | 4 | Fitting | |

## FIGURE 8-21. OUTRIGGER LEG ASSEMBLY

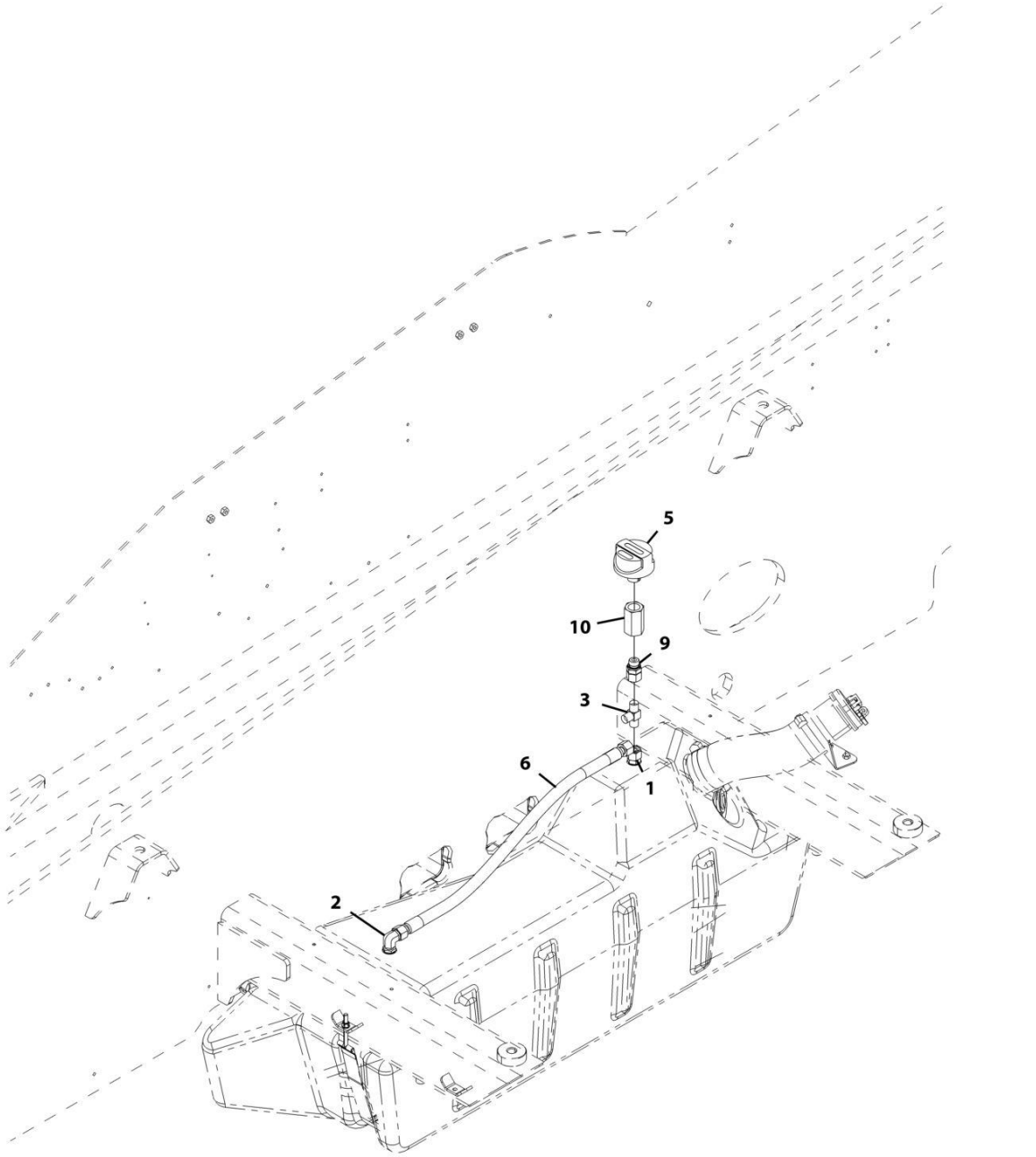



ART_1001145267-B

## FIGURE 8-21. OUTRIGGER LEG ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145267 | Ref | Outrigger Leg Assembly | B |
| 1 | 1001002579J | 1 | Outrigger Leg | |
| 2 | 1001092542 | 2 | Bearing | |

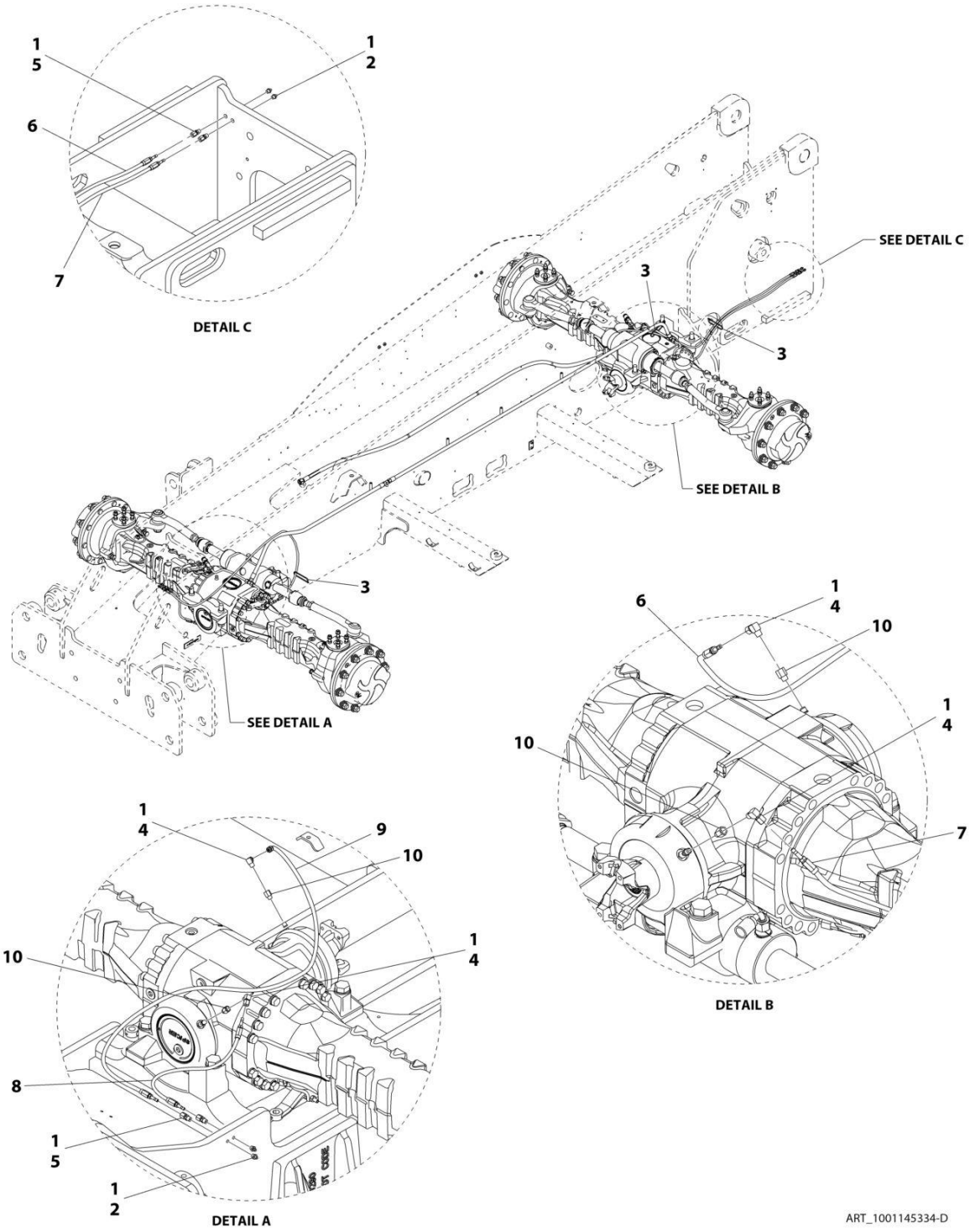
## FIGURE 8-22. BREATHER INSTALLATION



## FIGURE 8-22. BREATHER INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001152156 | Ref | Breather Installation | D |
| 1 | 1001166861 | 1 | Adapter | |
| 2 | 2140409 | 1 | Fitting | |
| 3 | 2141910 | 1 | Fitting, Union Tee | |
| 5 | 1001147134 | 1 | Filter, Breather, Hydraulic | |
| 6 | 1001166866 | 1 | Hose | |
| 9 | 1001166860 | 1 | Adapter | |
| 10 | 1001166863 | 1 | Adapter | |

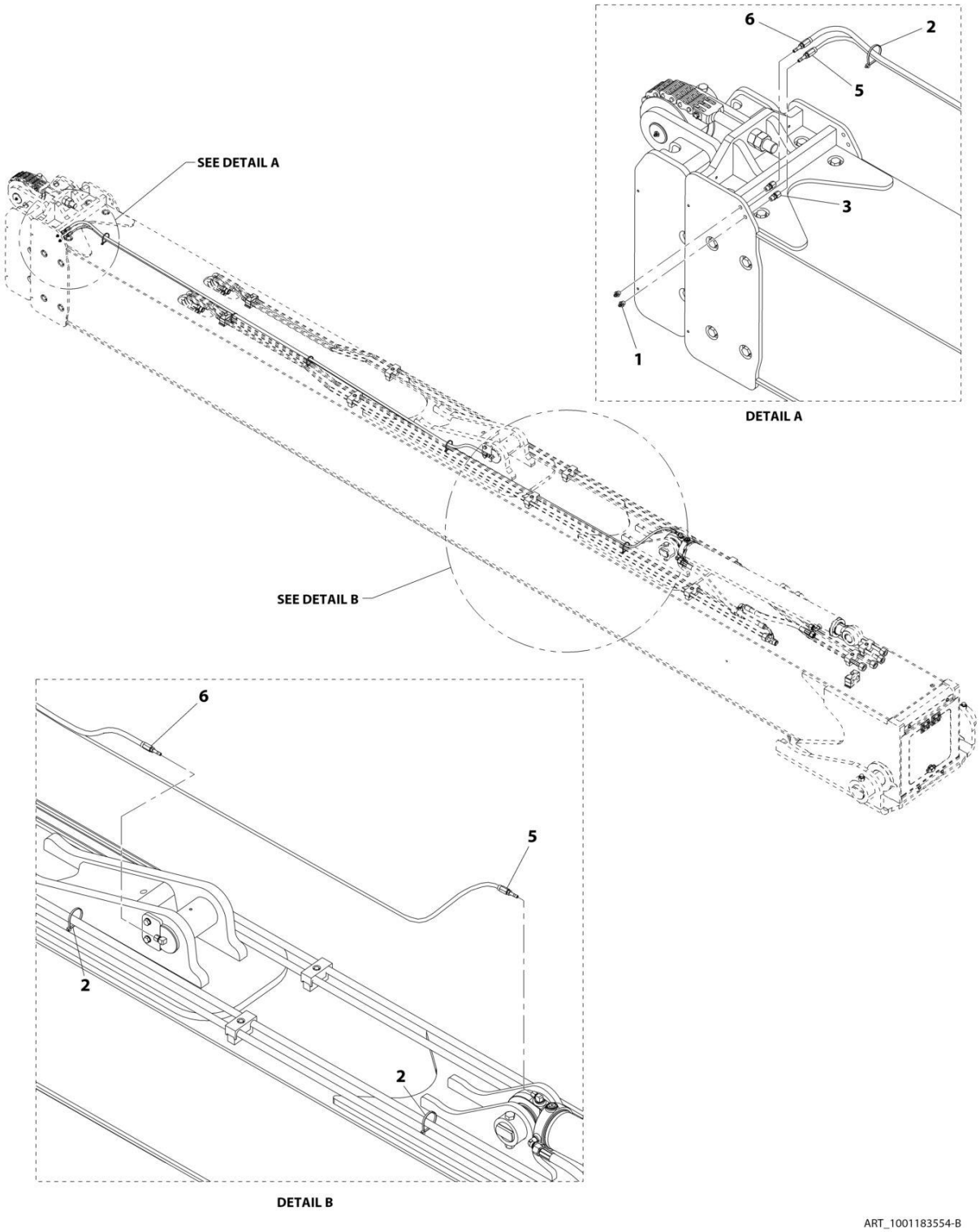
## FIGURE 8-23. REMOTE GREASE SYSTEM INSTALLATION



## FIGURE 8-23. REMOTE GREASE SYSTEM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145334 | Ref | Remote Grease System Installation (If equipped) | D |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 2160016 | 4 | Fitting | |
| 3 | 1001008559 | 3 | Strap | |
| 4 | 1001164053 | 4 | Fitting | |
| 5 | 1001101563 | 4 | Fitting | |
| 6 | 1001177126 | 1 | Hose | |
| 7 | 1001177127 | 1 | Hose | |
| 8 | 1001147330 | 1 | Hose | |
| 9 | 1001147331 | 1 | Hose | |
| 10 | 1001164054 | 4 | Fitting | |

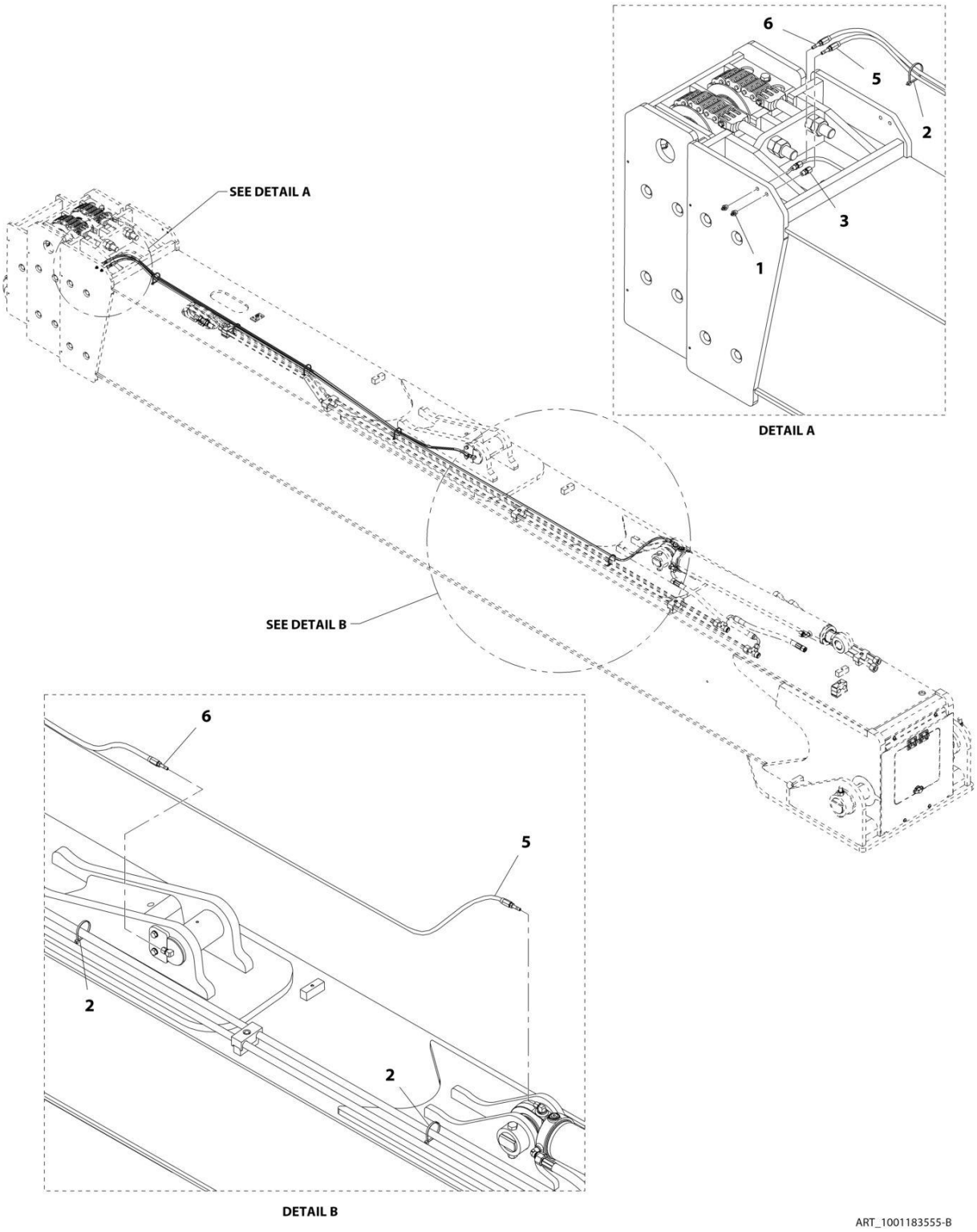
## FIGURE 8-24. BOOM REMOTE GREASE INSTALLATION - 3614RS



## FIGURE 8-24. BOOM REMOTE GREASE INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183554 | Ref | Boom Remote Grease Installation - 3614RS (If equipped) | A |
| 1 | 2160016 | 2 | Fitting, Grease | |
| 2 | 1001008559 | 5 | Strap, Cable | |
| 3 | 1001101563 | 2 | Adapter, Straight | |
| 4 | 1001164053 | 2 | Fitting, Elbow | |
| 5 | 1001183558 | 1 | Hose | |
| 6 | 1001183559 | 1 | Hose | |

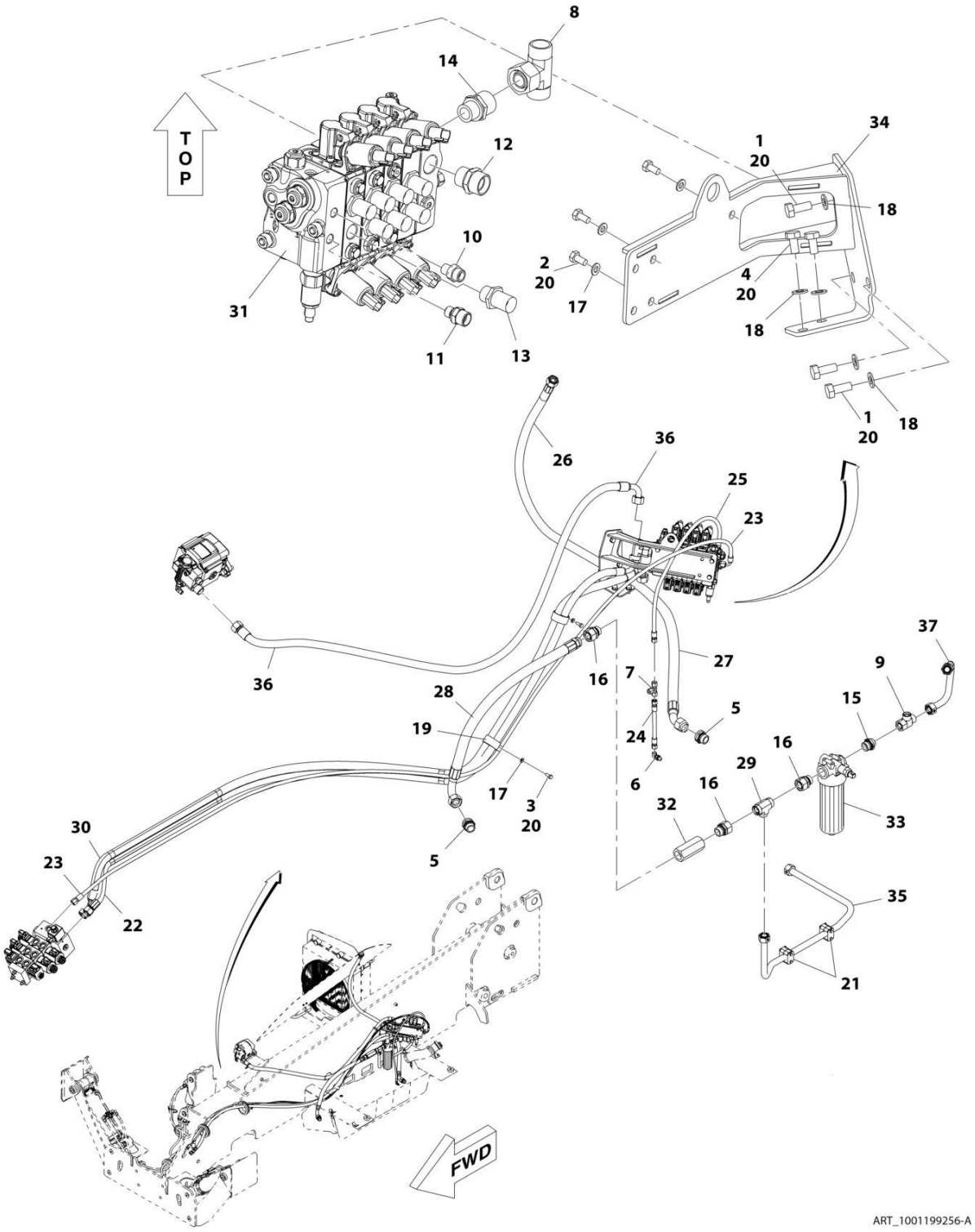
## FIGURE 8-25. BOOM REMOTE GREASE INSTALLATION - 4017RS



## FIGURE 8-25. BOOM REMOTE GREASE INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001183555 | Ref | Boom Remote Grease Installation - 4017RS (If equipped) | A |
| 1 | 2160016 | 2 | Fitting, Grease | |
| 2 | 1001008559 | 5 | Strap, Cable | |
| 3 | 1001101563 | 2 | Adapter, Straight | |
| 4 | 1001164053 | 2 | Fitting, Elbow | |
| 5 | 1001183556 | 1 | Hose | |
| 6 | 1001183557 | 1 | Hose | |

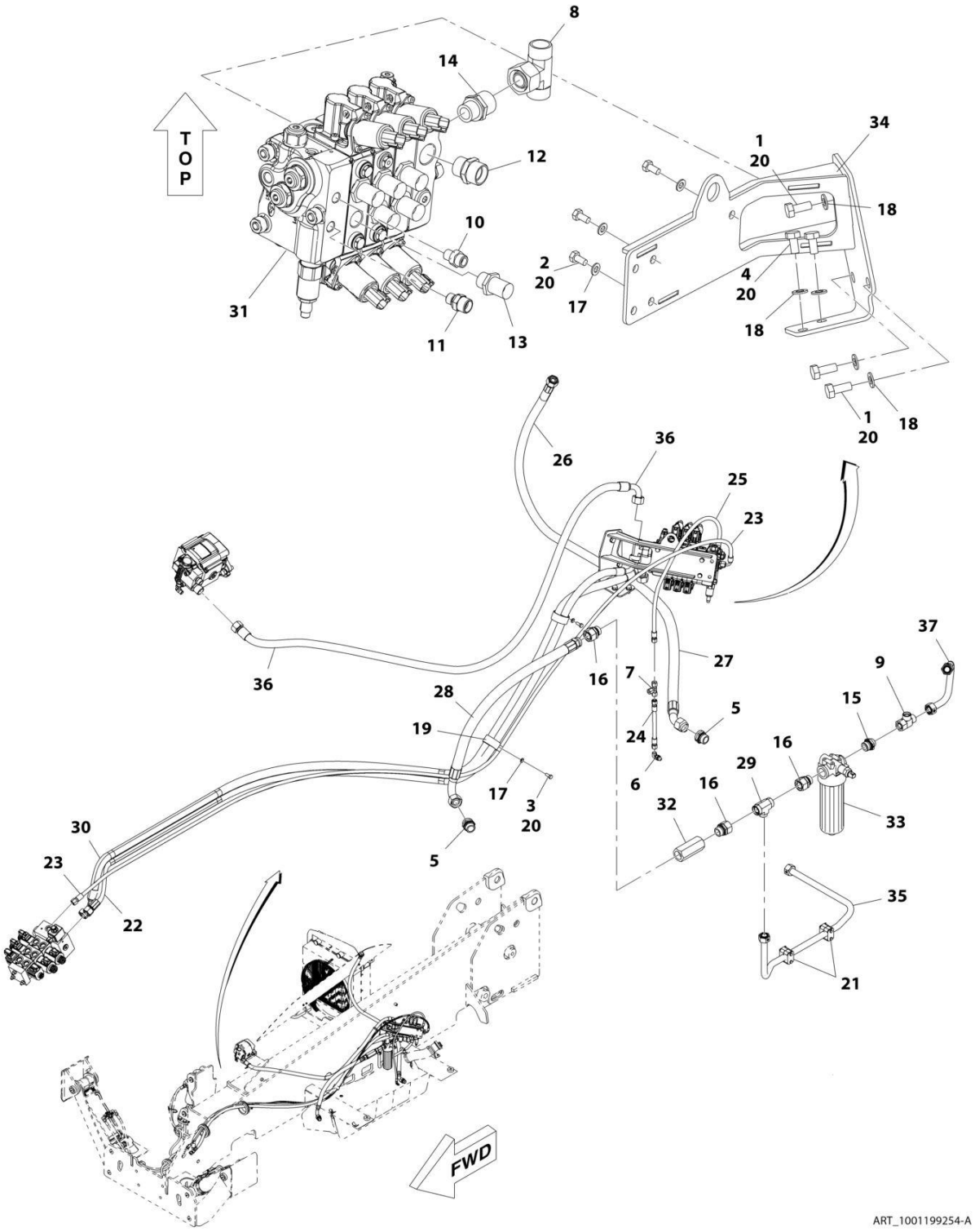
## FIGURE 8-26. 17M PUMP LINES AUXILIARY INSTALLATION (HIGH VIS CAB)



## FIGURE 8-26. 17M PUMP LINES AUXILIARY INSTALLATION (HIGH VIS CAB)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199256 | Ref | 17M Pump Lines Aux Installation (High Vis Cab) | A |
| 1 | 0701012 | 3 | Bolt, M10X25 | |
| 2 | 0760808 | 3 | Bolt, M8X16 | |
| 3 | 0760810 | 2 | Bolt, M8X20 | |
| 4 | 0761010 | 2 | Bolt, M10X20 | |
| 5 | 2140211 | 2 | Adapter | |
| 6 | 2140406 | 1 | Fitting | |
| 7 | 2141907 | 1 | Fitting, Union Tee | |
| 8 | 2142117 | 1 | Fitting, Swivel Branch Tee | |
| 9 | 2142207 | 1 | Fitting, Swivel Run Tee | |
| 10 | 2142706 | 1 | Connector | |
| 11 | 2142711 | 1 | Connector | |
| 12 | 2142718 | 1 | Connector | |
| 13 | 2142733 | 8 | Connector | |
| 14 | 2142735 | 1 | Connector | |
| 15 | 2142748 | 1 | Connector | |
| 16 | 2142808 | 3 | Adapter | |
| 17 | 4811900 | 5 | Washer, M8 | |
| 18 | 4812000 | 5 | Washer, M10 | |
| 19 | 1001008667 | 2 | Clip | |
| 20 | 1001095650 | AR | Compound, Locking | |
| 21 | 1001148382 | 2 | Clamp, Tube | |
| 22 | 1001148552 | 1 | Hose | |
| 23 | 1001148553 | 1 | Hose | |
| 24 | 1001148658 | 1 | Hose | |
| 25 | 1001148659 | 1 | Hose | |
| 26 | 1001154645 | 1 | Hose | |
| 27 | 1001154646 | 1 | Hose | |
| 28 | 1001154647 | 1 | Hose | |
| 29 | 1001162929 | 1 | Adapter | |
| 30 | 1001165561 | 1 | Hose | |
| 31 | 1001173147 | 1 | Main Control Valve (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 32 | 1001173742 | 1 | Valve, Bypass | |
| 33 | 1001175757 | 1 | Filter, Hydraulic Oil (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 34 | 1001188875 | 1 | Plate | |
| 35 | 1001199166 | 1 | Pipe, Oil Cooling | |
| 36 | 1001199402 | 1 | Hose | |
| 37 | 1001202335 | 1 | Tube | |

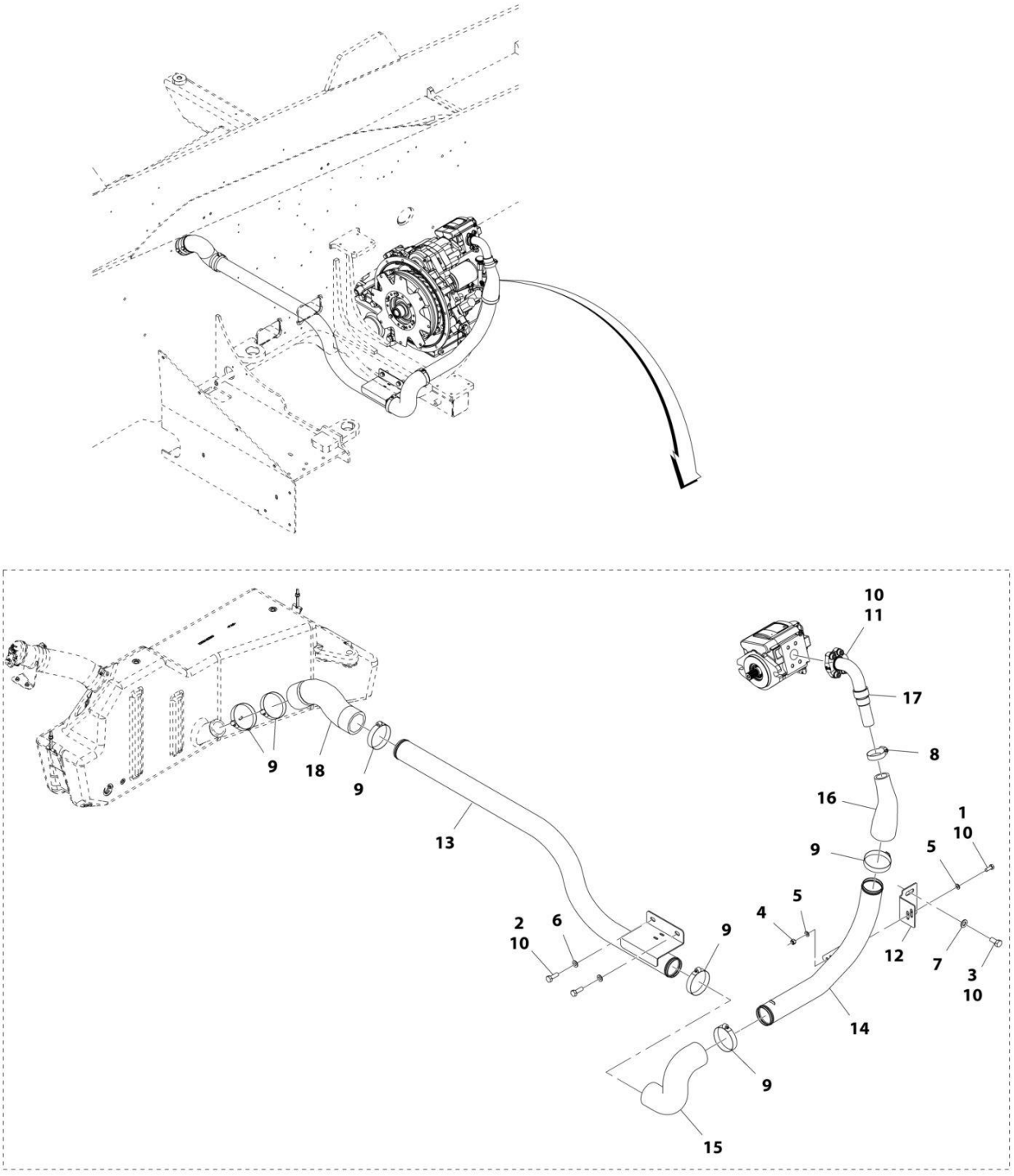
## FIGURE 8-27. 17M PUMP LINES NO AUXILIARY INSTALLATION (HIGH VIS CAB)



## FIGURE 8-27. 17M PUMP LINES NO AUXILIARY INSTALLATION (HIGH VIS CAB)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001199254 | Ref | 17M Pump Lines No Aux Installation (High Vis Cab) | A |
| 1 | 0701012 | 3 | Bolt, M10X25 | |
| 2 | 0760808 | 3 | Bolt, M8X16 | |
| 3 | 0760810 | 2 | Bolt, M8X20 | |
| 4 | 0761010 | 2 | Bolt, M10X20 | |
| 5 | 2140211 | 2 | Adapter | |
| 6 | 2140406 | 1 | Fitting | |
| 7 | 2141907 | 1 | Fitting, Union Tee | |
| 8 | 2142117 | 1 | Fitting, Swivel Branch Tee | |
| 9 | 2142207 | 1 | Fitting, Swivel Run Tee | |
| 10 | 2142706 | 1 | Connector | |
| 11 | 2142711 | 1 | Connector | |
| 12 | 2142718 | 1 | Connector | |
| 13 | 2142733 | 6 | Connector | |
| 14 | 2142735 | 1 | Connector | |
| 15 | 2142748 | 1 | Connector | |
| 16 | 2142808 | 3 | Adapter | |
| 17 | 4811900 | 5 | Washer, M8 | |
| 18 | 4812000 | 5 | Washer, M10 | |
| 19 | 1001008667 | 2 | Clip | |
| 20 | 1001095650 | AR | Compound, Locking | |
| 21 | 1001148382 | 1 | Clamp, Tube | |
| 22 | 1001148552 | 1 | Hose | |
| 23 | 1001148553 | 1 | Hose | |
| 24 | 1001148658 | 1 | Hose | |
| 25 | 1001148659 | 1 | Hose | |
| 26 | 1001154645 | 1 | Hose | |
| 27 | 1001154646 | 1 | Hose | |
| 28 | 1001154647 | 1 | Hose | |
| 29 | 1001162929 | 1 | Adapter | |
| 30 | 1001165561 | 1 | Hose | |
| 31 | 1001173148 | 1 | Main Control Valve (See HYDRAULIC COMPONENTS SECTION for Breakdown) | |
| 32 | 1001173742 | 1 | Valve, Bypass | |
| 33 | 1001175757 | 1 | Filter, Hydraulic Oil (See HYDRAULIC COMPONENT SECTION for Breakdown) | |
| 34 | 1001188875 | 1 | Plate | |
| 35 | 1001199166 | 1 | Pipe, Oil Cooling | |
| 36 | 1001199402 | 1 | Hose | |
| 37 | 1001202335 | 1 | Tube | |

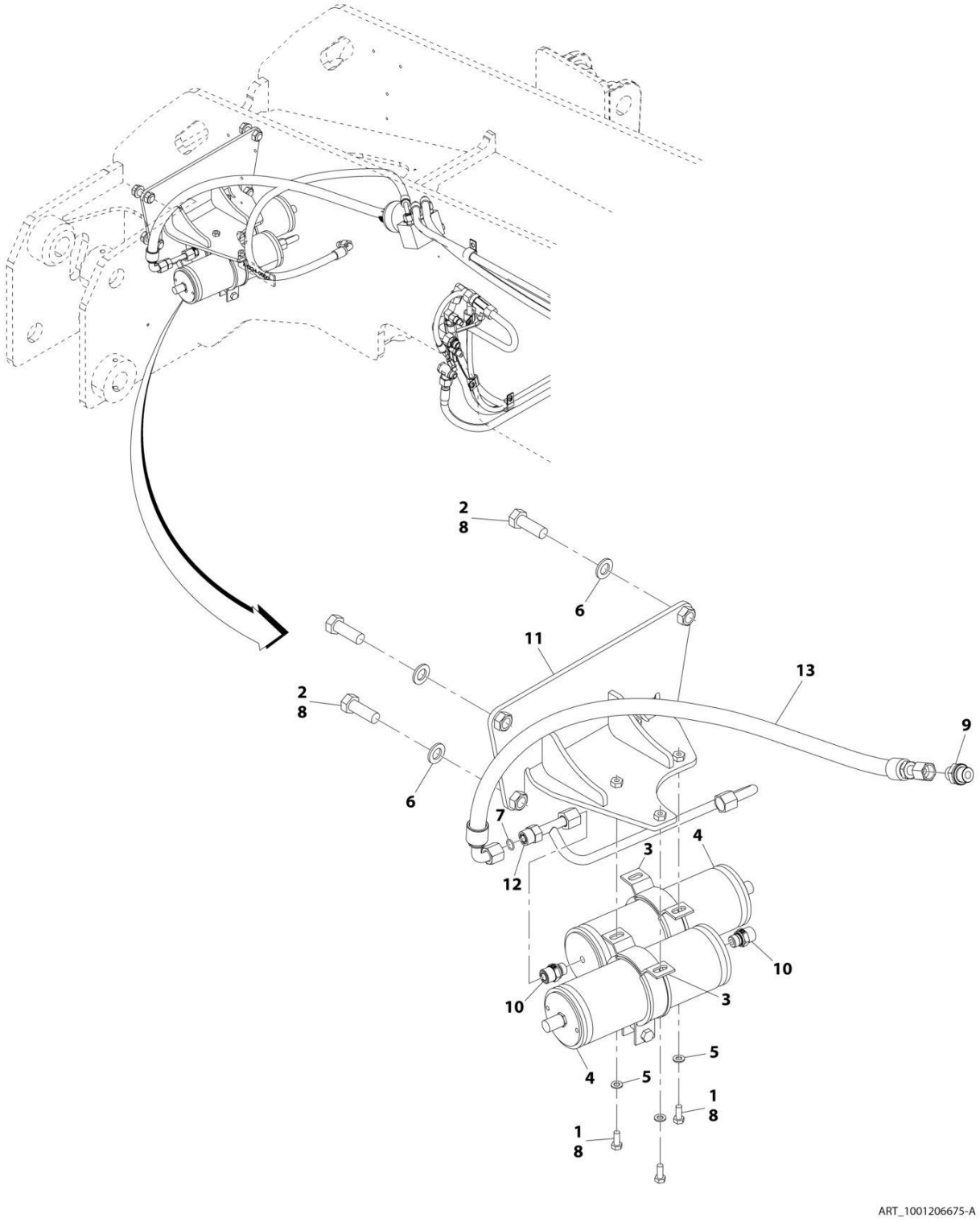
## FIGURE 8-28. 17M SUCTION LINES INSTALLATION (HIGH VIS CAB)



## FIGURE 8-28. 17M SUCTION LINES INSTALLATION (HIGH VIS CAB)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001200110 | Ref | 17M Suction Lines Installation (High Vis Cab) | A |
| 1 | 0760810 | 2 | Bolt, M8X20 | |
| 2 | 0761014 | 2 | Bolt, M10X30 | |
| 3 | 0761212 | 2 | Bolt, M12X25 | |
| 4 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 5 | 4811900 | 4 | Washer, M8 | |
| 6 | 4812000 | 2 | Washer, M10 | |
| 7 | 4812100 | 2 | Washer, M12 | |
| 8 | 8405103 | 1 | Clamp, Hose | |
| 9 | 1001008673 | 6 | Clamp, Hose | |
| 10 | 1001095650 | AR | Compound, Locking | |
| 11 | 1001147801 | 1 | Clamp, Split Flange Halve | |
| 12 | 1001152673 | 1 | Bracket, Suction Pipe | |
| 13 | 1001152689 | 1 | Pipe, Suction | |
| 14 | 1001159683 | 1 | Pipe, Suction | |
| 15 | 1001159685 | 1 | Hose | |
| 16 | 1001173259 | 1 | Hose | |
| 17 | 1001176622 | 1 | Adapter | |
| 18 | 1001199581 | 1 | Hose | |

## FIGURE 8-29. BRAKE DAMPER INSTALLATION (ITALY)

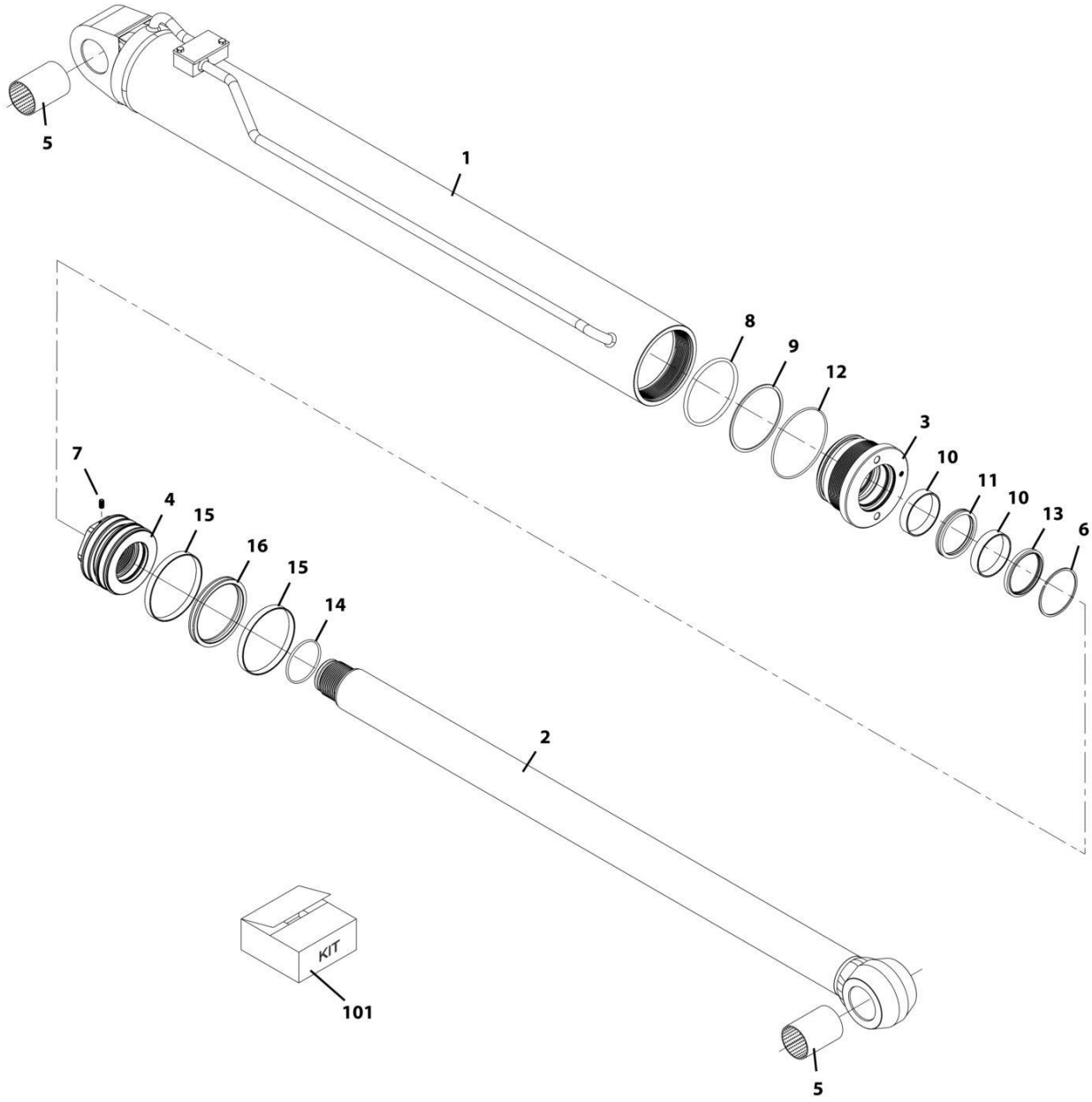


## FIGURE 8-29. BRAKE DAMPER INSTALLATION (ITALY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206675 | Ref | Brake Damper Installation (Italy) | A |
| 1 | 0760810 | 4 | Bolt, M8X20 | |
| 2 | 0761617 | 4 | Bolt, M16X45 | |
| 3 | 4341078 | 2 | Accumulator Hanger | |
| 4 | 4400474 | 2 | Tank, Hydraulic Accumulator | |
| 5 | 4811900 | 4 | Washer, M8 | |
| 6 | 4812300 | 4 | Washer, M16 | |
| 7 | 1001008805 | 1 | Seal | |
| 8 | 1001095650 | AR | Compound, Locking | |
| 9 | 1001121127 | 1 | Adapter | |
| 10 | 1001177730 | 2 | Adapter | |
| 11 | 1001210391 | 1 | Bracket | |
| 12 | 1001210412 | 1 | Hose | |
| 13 | 1001210514 | 1 | Hose | |

# SECTION 9 - HYDRAULIC COMPONENTS

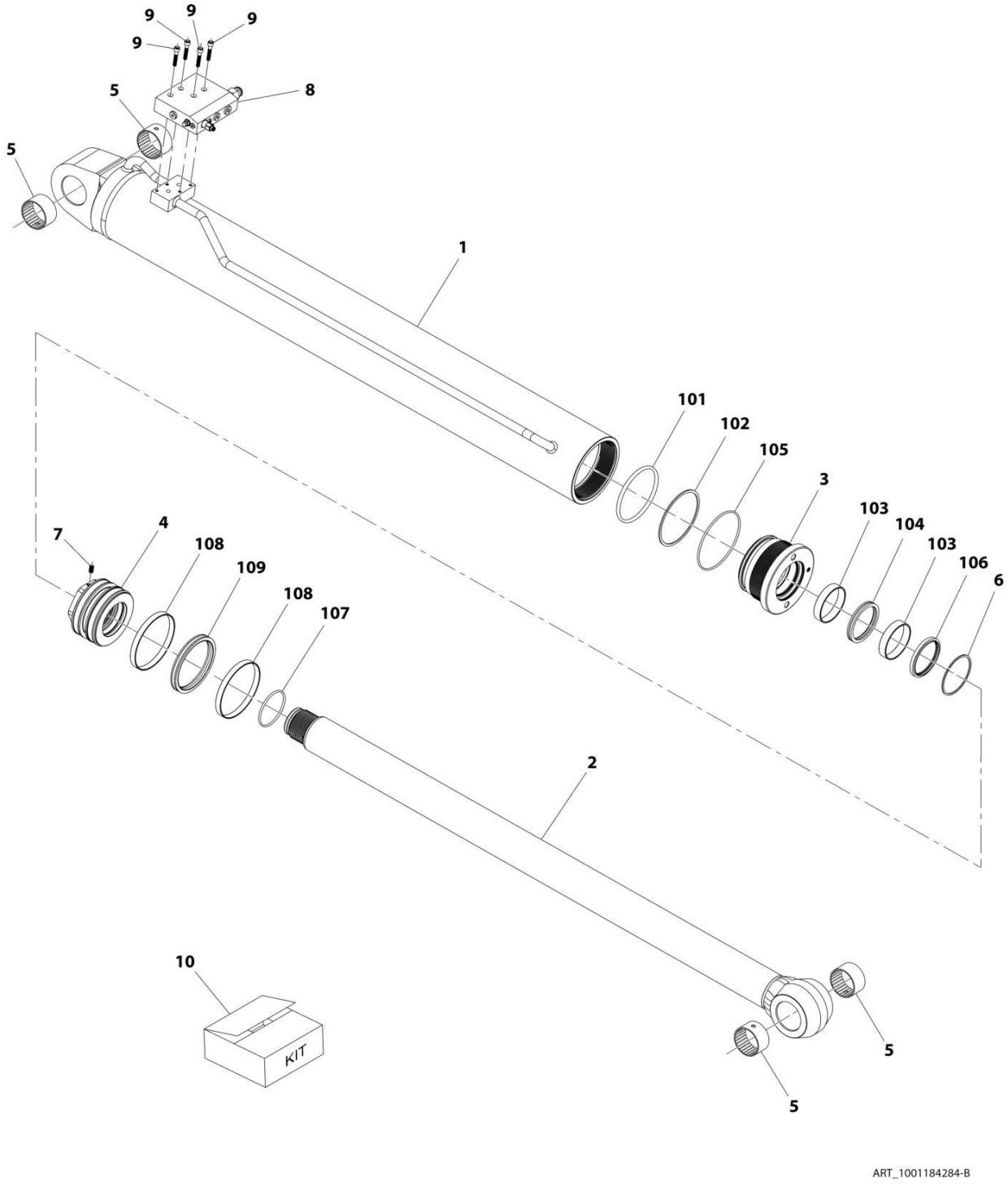
**FIGURE 9-1. LIFT CYLINDER - 3614RS (SN 1160007024 through 1160007517)**



## FIGURE 9-1. LIFT CYLINDER - 3614RS (SN 1160007024 through 1160007517)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144190 | Ref | Lift Cylinder - 3614RS | C |
| 1 | 70025577 | 1 | Assembly, Barrel | |
| 2 | 70025578 | 1 | Assembly, Rod | |
| 3 | 70025579 | 1 | Gland | |
| 4 | 70025580 | 1 | Head, Piston | |
| 5 | 70025581 | 2 | Bushing | |
| 6 | 70000699 | 1 | Ring, Snap | |
| 7 | 70025582 | 1 | Screw, Locking | |
| 8 | Kit | 1 | O-Ring | |
| 9 | Kit | 1 | Ring, Back-Up | |
| 10 | Kit | 2 | Ring, Rod Bearing | |
| 11 | Kit | 1 | Seal, Rod | |
| 12 | Kit | 1 | O-Ring | |
| 13 | Kit | 1 | Seal, Wiper | |
| 14 | Kit | 1 | O-Ring | |
| 15 | Kit | 2 | Ring, Piston Bearing | |
| 16 | Kit | 1 | Seal, Piston | |
| 101 | 70025583 | 1 | Kit, Seal (includes items 8 thru 16) | |

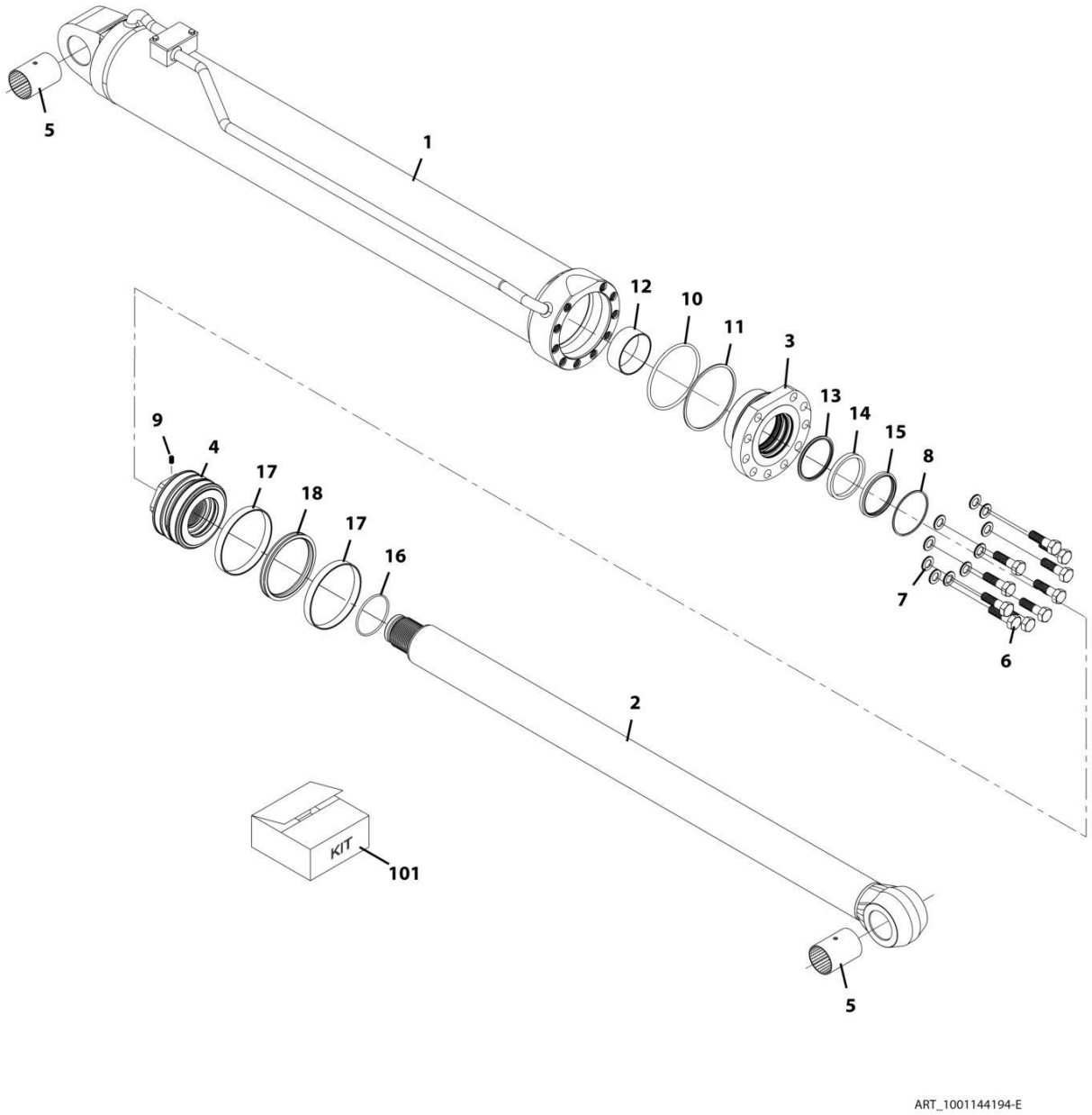
## FIGURE 9-2. LIFT CYLINDER - 3614RS (SN 1160007517 through 1160008790)



## FIGURE 9-2. LIFT CYLINDER - 3614RS (SN 1160007517 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184284 | Ref | Lift Cylinder - 3614RS | B |
| 1 | 70027047 | 1 | Assembly, Barrel | |
| 2 | 70027048 | 1 | Assembly, Rod | |
| 3 | 70025579 | 1 | Gland | |
| 4 | 70025580 | 1 | Head, Piston | |
| 5 | 70026960 | 4 | Bushing | |
| 6 | 70000699 | 1 | Ring, Snap | |
| 7 | 70025582 | 1 | Screw, Locking | |
| 8 | 70026961 | 1 | Valve, Manifold | |
| 9 | 70029966 | 4 | Capscrew | |
| 10 | 70025583 | 1 | Kit, Seal (includes items 101 thru 109) | |
| 101 | Kit | 1 | O-Ring | |
| 102 | Kit | 1 | Ring, Back-Up | |
| 103 | Kit | 1 | Ring, Rod Bearing | |
| 104 | Kit | 1 | Seal, Rod | |
| 105 | Kit | 1 | O-Ring | |
| 106 | Kit | 1 | Seal, Wiper | |
| 107 | Kit | 1 | O-Ring | |
| 108 | Kit | 2 | Ring, Piston Bearing | |
| 109 | Kit | 1 | Seal, Piston | |

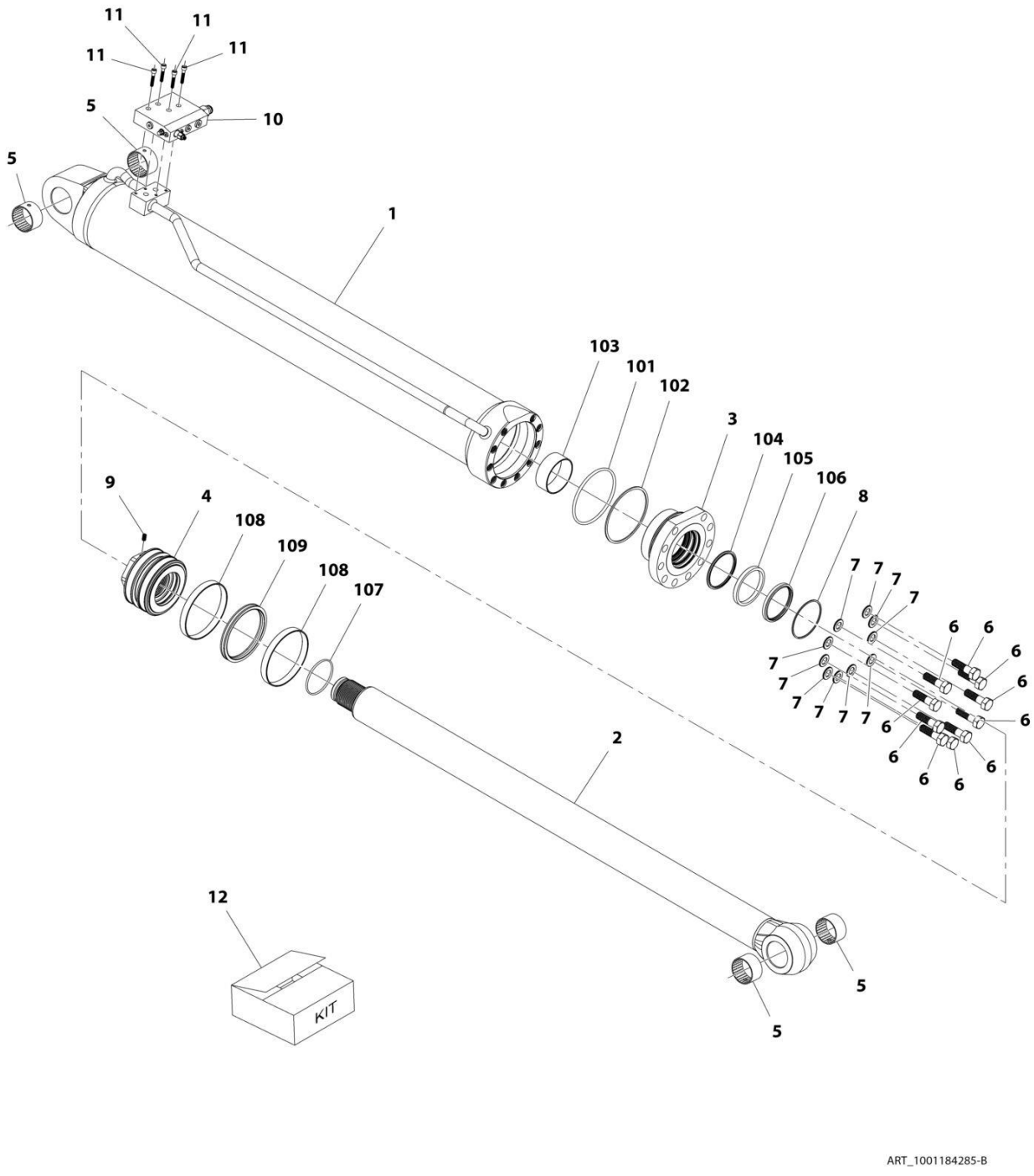
**FIGURE 9-3. LIFT CYLINDER - 4017RS (SN 1160007024 through 1160007492)**



## FIGURE 9-3. LIFT CYLINDER - 4017RS (SN 1160007024 through 1160007492)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144194 | Ref | Lift Cylinder - 4017RS | E |
| 1 | 70025584 | 1 | Assembly, Barrel | |
| 2 | 70025585 | 1 | Assembly, Rod | |
| 3 | 70025586 | 1 | Gland | |
| 4 | 70025587 | 1 | Head, Piston | |
| 5 | 70025581 | 2 | Bushing | |
| 6 | 70025588 | 10 | Bolt | |
| 7 | 70025589 | 10 | Washer | |
| 8 | 70025590 | 1 | Ring, Snap | |
| 9 | 70025582 | 1 | Screw, Locking | |
| 10 | Kit | 1 | O-Ring | |
| 11 | Kit | 1 | Ring, Back-Up | |
| 12 | Kit | 1 | Ring, Rod Bearing | |
| 13 | Kit | 1 | Seal, Rod | |
| 14 | Kit | 1 | Seal, Rod | |
| 15 | Kit | 1 | Seal, Wiper | |
| 16 | Kit | 1 | O-Ring | |
| 17 | Kit | 2 | Ring, Piston Bearing | |
| 18 | Kit | 1 | Seal, Piston | |
| 101 | 70025591 | 1 | Kit, Seal (includes items 10 thru 18) | |

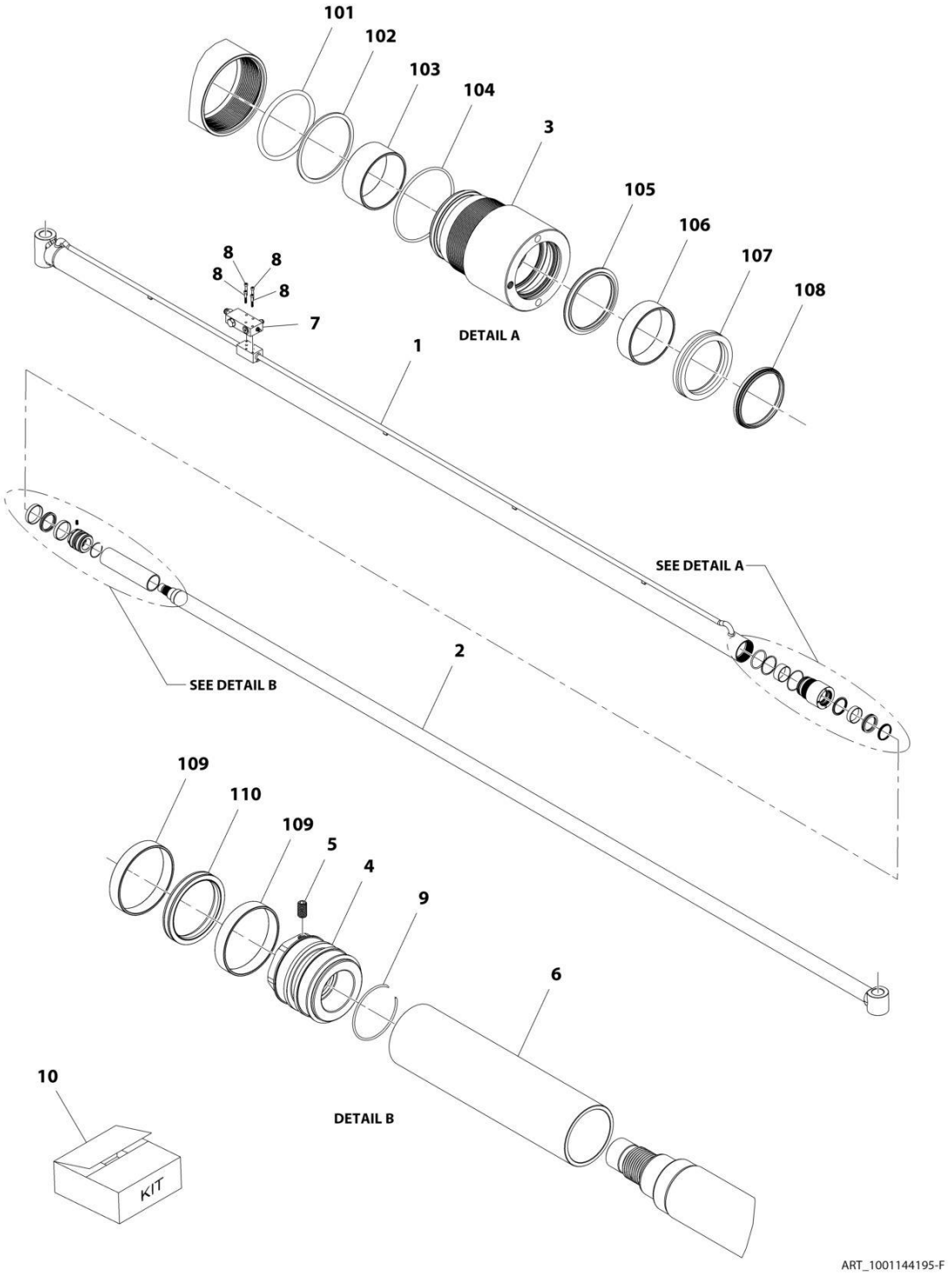
## FIGURE 9-4. LIFT CYLINDER - 4017RS (SN 1160007492 through 1160008790)



## FIGURE 9-4. LIFT CYLINDER - 4017RS (SN 1160007492 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001184285 | Ref | Lift Cylinder - 4017RS | B |
| 1 | 70026958 | 1 | Assembly, Barrel | |
| 2 | 70026959 | 1 | Assembly, Rod | |
| 3 | 70025586 | 1 | Gland | |
| 4 | 70025587 | 1 | Head, Piston | |
| 5 | 70026960 | 4 | Bushing | |
| 6 | 70025588 | 10 | Bolt | |
| 7 | 70025589 | 10 | Washer | |
| 8 | 70025590 | 1 | Ring, Snap | |
| 9 | 70025582 | 1 | Screw, Locking | |
| 10 | 70026961 | 1 | Valve, Manifold | |
| 11 | 70029966 | 4 | Capscrew | |
| 12 | 70025591 | 1 | Kit, Seal (includes items 101 thru 109) | |
| 101 | Kit | 1 | O-Ring | |
| 102 | Kit | 1 | Ring, Back-Up | |
| 103 | Kit | 1 | Ring, Rod Bearing | |
| 104 | Kit | 1 | Seal, Rod | |
| 105 | Kit | 1 | Seal, Rod | |
| 106 | Kit | 1 | Seal, Wiper | |
| 107 | Kit | 1 | O-Ring | |
| 108 | Kit | 2 | Ring, Piston Bearing | |
| 109 | Kit | 1 | Seal, Piston | |

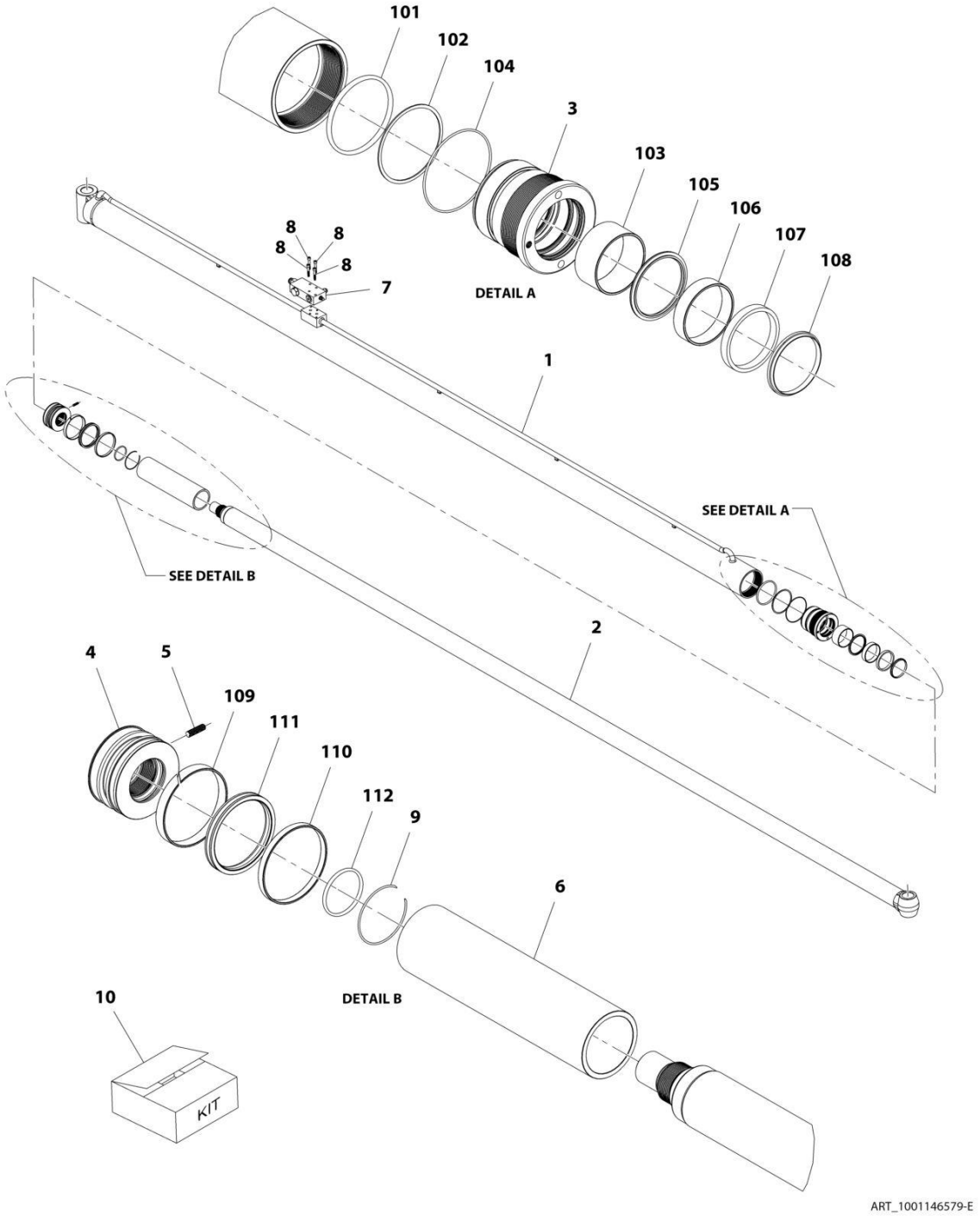
## FIGURE 9-5. EXTEND/RETRACT CYLINDER - 3614RS



## FIGURE 9-5. EXTEND/RETRACT CYLINDER - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144195 | Ref | Extend/Retract Cylinder - 3614RS | F |
| 1 | 70025592 | 1 | Assembly, Barrel | |
| 2 | 70025593 | 1 | Assembly, Rod | |
| 3 | 70025594 | 1 | Gland | |
| 4 | 70027058 | 1 | Head, Piston | |
| 5 | 70025582 | 1 | Screw, Locking | |
| 6 | 70027059 | 1 | Spacer | |
| 7 | 1001168597 | 1 | Valve Manifold | |
| 8 | 70027051 | 4 | Capscrew | |
| 9 | 70027052 | 1 | Wire Ring | |
| 10 | 70025597 | 1 | Kit, Seal (includes items 101 thru 110) | |
| 101 | Kit | 1 | O-Ring | |
| 102 | Kit | 1 | Ring, Back-Up | |
| 103 | Kit | 1 | Ring, Rod Bearing | |
| 104 | Kit | 1 | O-Ring | |
| 105 | Kit | 1 | Seal, Rod | |
| 106 | Kit | 1 | Ring, Rod Bearing | |
| 107 | Kit | 1 | Seal, Rod | |
| 108 | Kit | 1 | Seal, Wiper | |
| 109 | Kit | 2 | Ring, Piston Bearing | |
| 110 | Kit | 1 | Seal, Piston | |

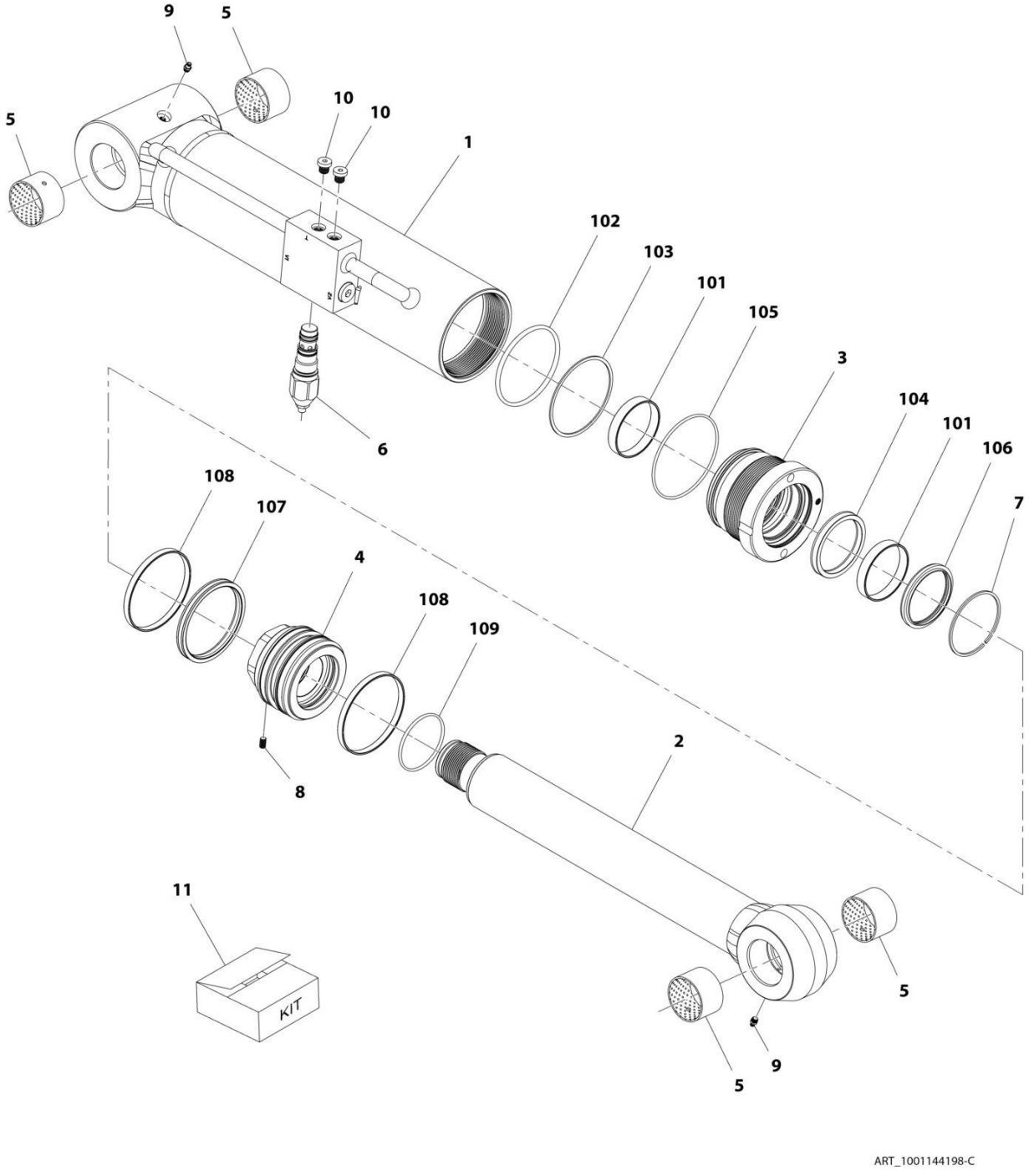
## FIGURE 9-6. EXTEND/RETRACT CYLINDER - 4017RS



## FIGURE 9-6. EXTEND/RETRACT CYLINDER - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146579 | Ref | Extend/Retract Cylinder - 4017RS | E |
| 1 | 70025629 | 1 | Assembly, Barrel | |
| 2 | 70025630 | 1 | Assembly, Rod | |
| 3 | 70025631 | 1 | Gland | |
| 4 | 70025632 | 1 | Head, Piston | |
| 5 | 70025633 | 1 | Screw, Locking | |
| 6 | 70027060 | 1 | Spacer | |
| 7 | 1001168597 | 1 | Valve Manifold | |
| 8 | 70027051 | 4 | Capscrew | |
| 9 | 70027053 | 1 | Wire, Ring | |
| 10 | 70025635 | 1 | Kit, Seal (includes items 101 thru 112) | |
| 101 | Kit | 1 | O-Ring | |
| 102 | Kit | 1 | Ring, Back-Up | |
| 103 | Kit | 1 | Ring, Rod Bearing | |
| 104 | Kit | 1 | O-Ring | |
| 105 | Kit | 1 | Seal, Rod | |
| 106 | Kit | 1 | Ring, Rod Bearing | |
| 107 | Kit | 1 | Seal, Rod | |
| 108 | Kit | 1 | Seal, Wiper | |
| 109 | Kit | 1 | Ring, Piston Bearing | |
| 110 | Kit | 1 | Ring, Piston Bearing | |
| 111 | Kit | 1 | Seal, Piston | |
| 112 | Kit | 1 | O-Ring | |

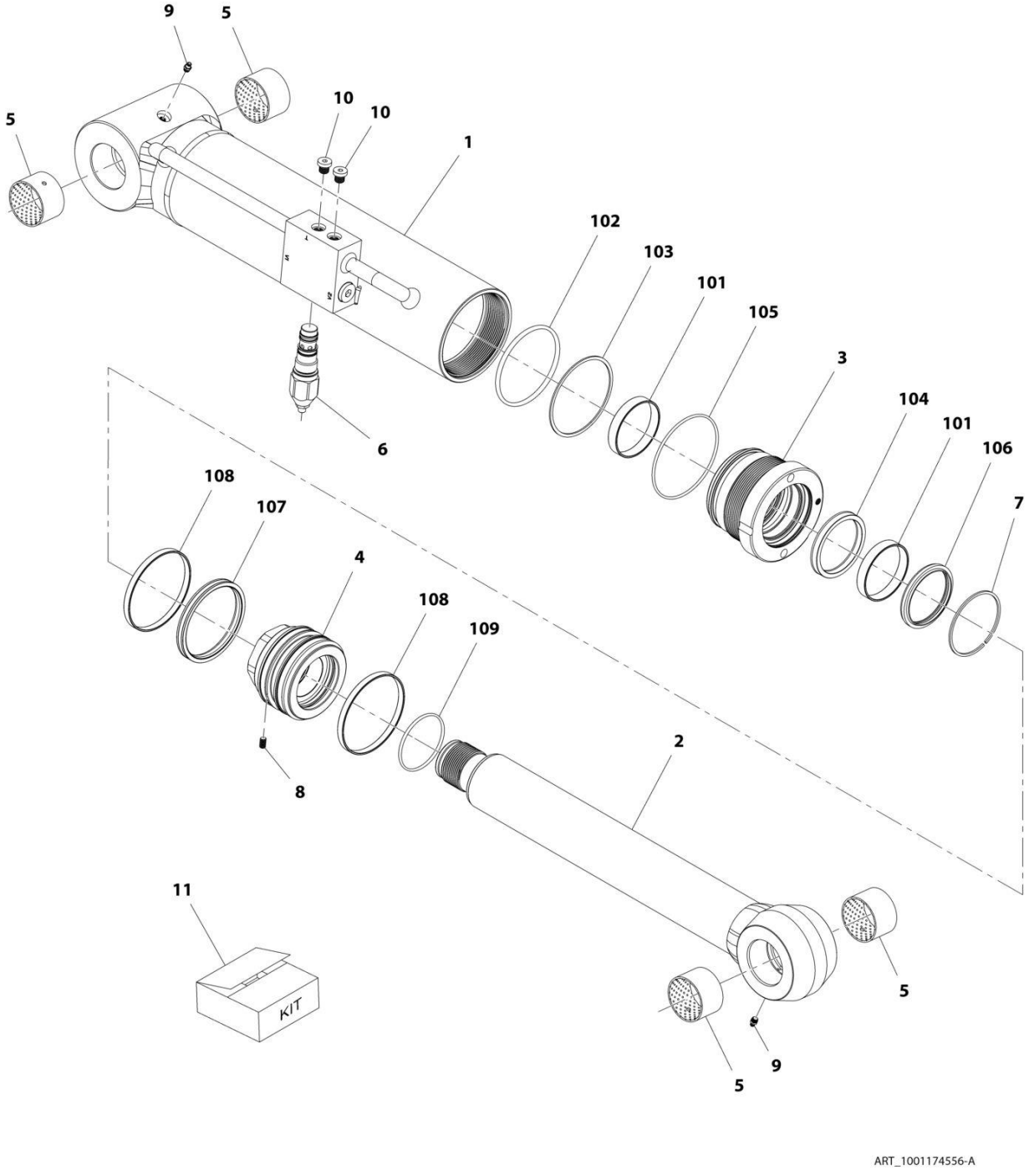
## FIGURE 9-7. TILT CYLINDER (SN 1160007024 through 1160007470)



## FIGURE 9-7. TILT CYLINDER (SN 1160007024 through 1160007470)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144198 | Ref | Tilt Cylinder | C |
| 1 | 70025598 | 1 | Assembly, Barrel | |
| 2 | 70025599 | 1 | Assembly, Rod | |
| 3 | 70025600 | 1 | Gland | |
| 4 | 70025601 | 1 | Head, Piston | |
| 5 | 70025602 | 4 | Bushing | |
| 6 | 70025603 | 1 | Valve, Counterbalance | |
| 7 | 70025604 | 1 | Ring, Snap | |
| 8 | 70025605 | 1 | Screw, Locking | |
| 9 | 70025606 | 2 | Nipple, Grease | |
| 10 | 70024262 | 2 | Plug | |
| 11 | 70025943 | 1 | Kit, Seal (includes items 101 thru 109) | |
| 101 | Kit | 2 | Ring, Rod Bearing | |
| 102 | Kit | 1 | O-Ring | |
| 103 | Kit | 1 | Ring, Back-Up | |
| 104 | Kit | 1 | Seal, Rod | |
| 105 | Kit | 1 | O-Ring | |
| 106 | Kit | 1 | Seal, Wiper | |
| 107 | Kit | 1 | Seal, Piston | |
| 108 | Kit | 2 | Ring, Piston Bearing | |
| 109 | Kit | 1 | O-Ring | |

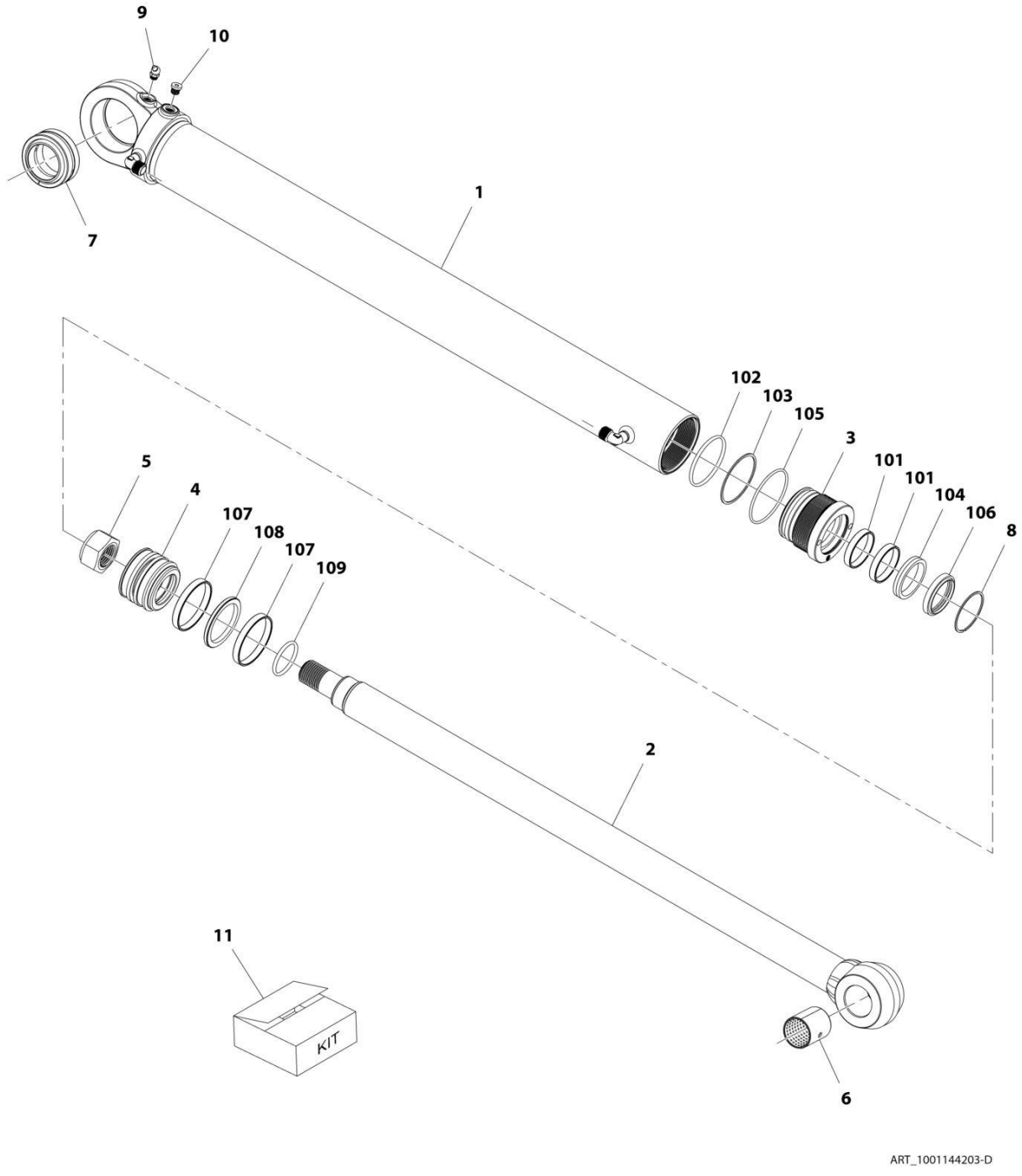
## FIGURE 9-8. TILT CYLINDER (SN 1160007470 through 1160008790)



## FIGURE 9-8. TILT CYLINDER (SN 1160007470 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001174556 | Ref | Tilt Cylinder | A |
| 1 | 70027049 | 1 | Assembly, Barrel | |
| 2 | 70027050 | 1 | Assembly, Rod | |
| 3 | 70025600 | 1 | Gland | |
| 4 | 70025601 | 1 | Head, Piston | |
| 5 | 70025602 | 4 | Bushing | |
| 6 | 70027063 | 1 | Counterbalance Valve | |
| 7 | 70025604 | 1 | Ring, Snap | |
| 8 | 70025605 | 1 | Screw, Locking | |
| 9 | 70025606 | 2 | Grease, Nipple | |
| 10 | 70024262 | 2 | Plug, Blanking | |
| 11 | 70025943 | 1 | Kit, Seal (includes items 101 thru 109) | |
| 101 | Kit | 2 | Ring, Rod Bearing | |
| 102 | Kit | 1 | O-Ring | |
| 103 | Kit | 1 | Ring, Back-Up | |
| 104 | Kit | 1 | Seal, Rod | |
| 105 | Kit | 1 | O-Ring | |
| 106 | Kit | 1 | Seal, Wiper | |
| 107 | Kit | 1 | Seal, Piston | |
| 108 | Kit | 2 | Ring, Piston Bearing | |
| 109 | Kit | 1 | O-Ring | |

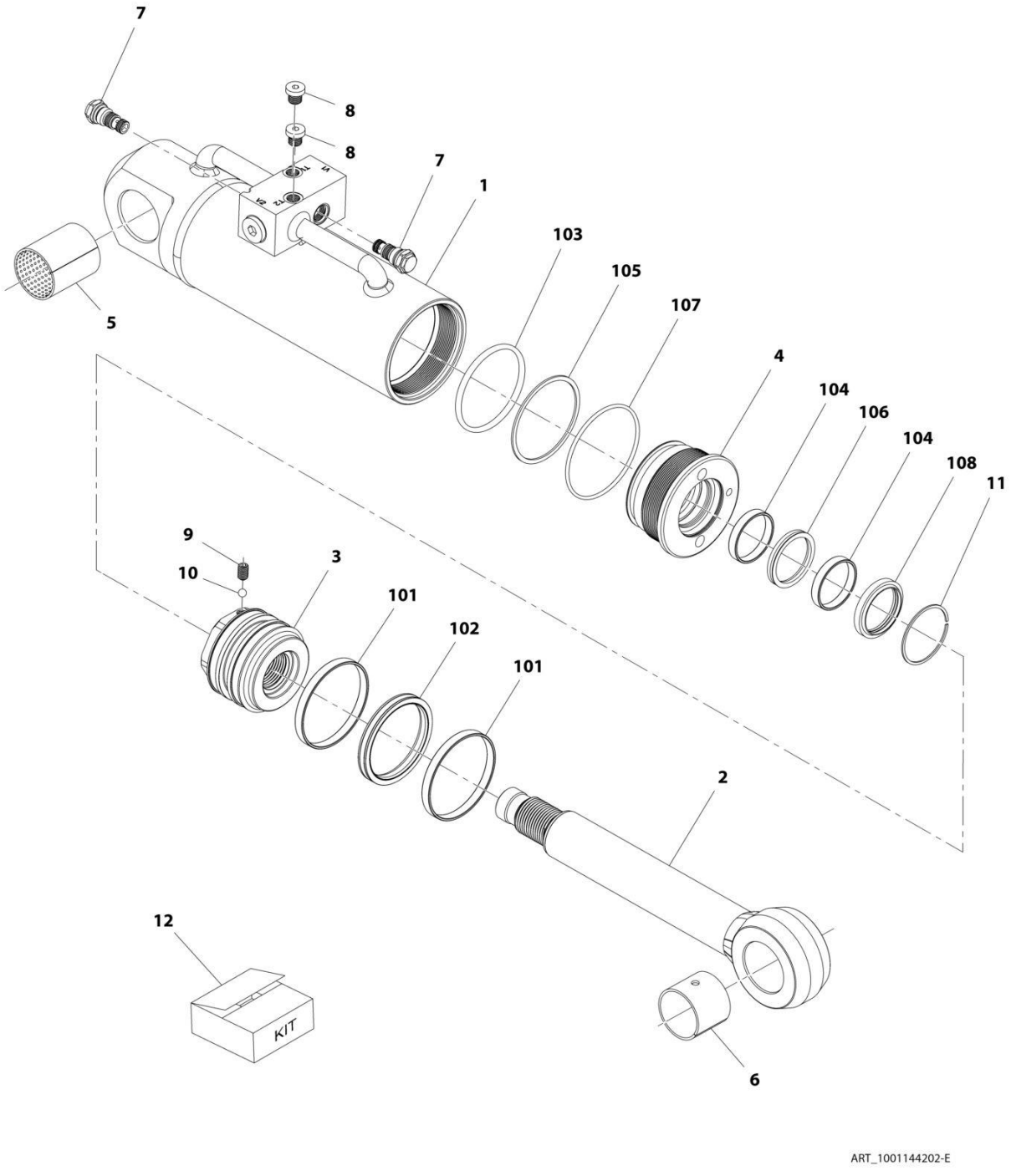
## FIGURE 9-9. COMPENSATION CYLINDER



## FIGURE 9-9. COMPENSATION CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144203 | Ref | Compensation Cylinder | D |
| 1 | 70025616 | 1 | Assembly, Barrel | |
| 2 | 70025617 | 1 | Assembly, Rod | |
| 3 | 70004132 | 1 | Gland | |
| 4 | 70020606 | 1 | Head, Piston | |
| 5 | 70023100 | 1 | Nut | |
| 6 | 70021497 | 1 | Bushing | |
| 7 | 70021498 | 1 | Bearing, Spherical | |
| 8 | 70002219 | 1 | Ring, Snap | |
| 9 | 70025618 | 1 | Nipple, Grease | |
| 10 | 70025619 | 1 | Plug | |
| 11 | 70025620 | 1 | Kit, Seal (includes items 101 thru 109) | |
| 101 | Kit | 2 | Ring, Rod Bearing | |
| 102 | Kit | 1 | O-Ring | |
| 103 | Kit | 1 | Ring, Back-Up | |
| 104 | Kit | 1 | Seal, Rod | |
| 105 | Kit | 1 | O-Ring | |
| 106 | Kit | 1 | Seal, Wiper | |
| 107 | Kit | 2 | Ring, Piston Bearing | |
| 108 | Kit | 1 | Seal, Piston | |
| 109 | Kit | 1 | O-Ring | |

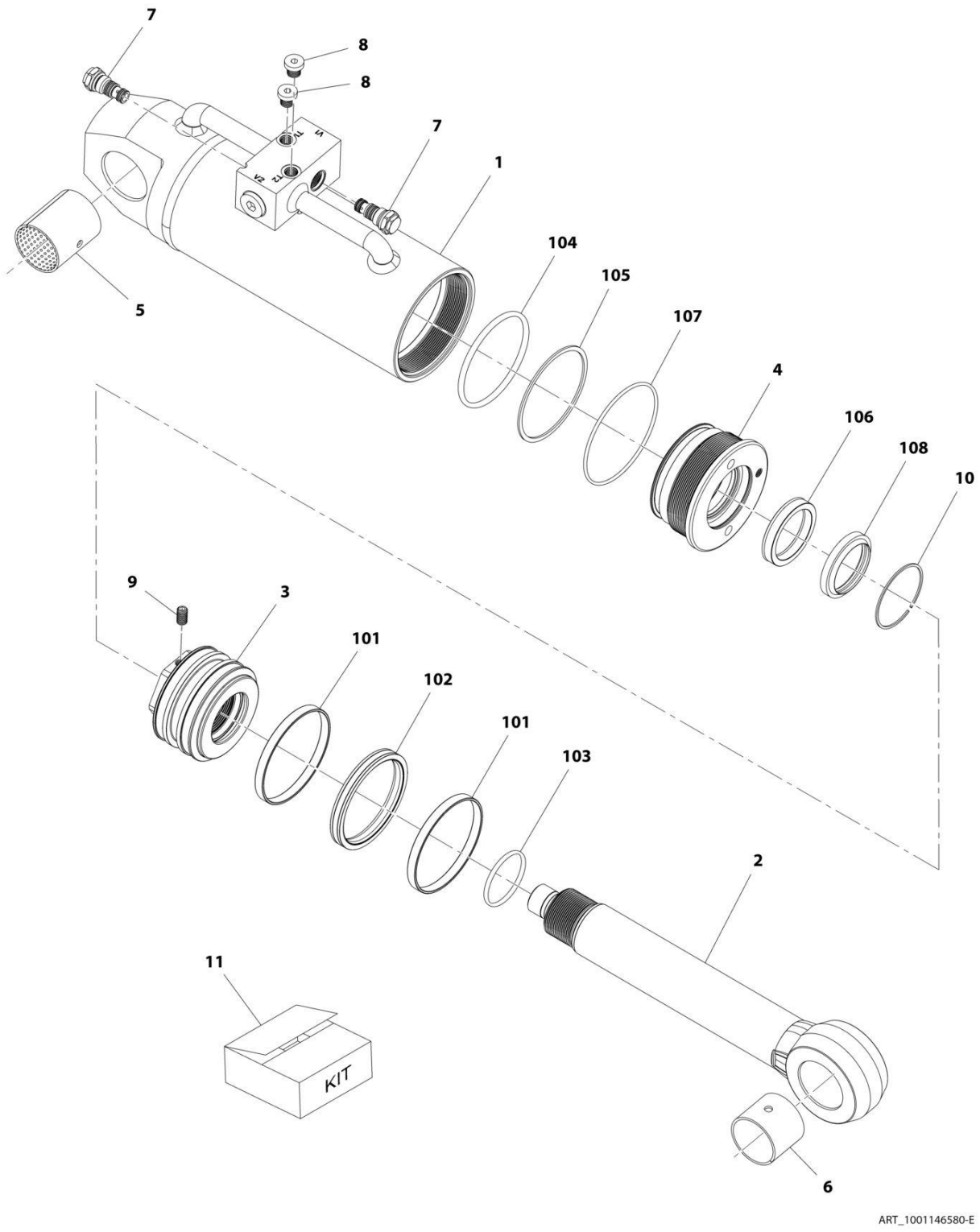
## FIGURE 9-10. FRAME LEVEL CYLINDER



## FIGURE 9-10. FRAME LEVEL CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144202 | Ref | Frame Level Cylinder - 3614RS | E |
| 1 | 70025607 | 1 | Assembly, Barrel | |
| 2 | 70025608 | 1 | Assembly, Rod | |
| 3 | 70025609 | 1 | Head, Piston | |
| 4 | 70022810 | 1 | Gland | |
| 5 | 70027056 | 1 | Bushing | |
| 6 | 70027057 | 1 | Bushing | |
| 7 | 70025612 | 2 | Valve, Check | |
| 8 | 70024262 | 2 | Plug | |
| 9 | 70025613 | 1 | Screw, Locking | |
| 10 | 70025614 | 1 | Bearing | |
| 11 | 70023101 | 1 | Ring, Snap | |
| 12 | 70025615 | 1 | Kit, Seal (includes items 101 thru 108) | |
| 101 | Kit | 2 | Ring, Piston Bearing | |
| 102 | Kit | 1 | Seal, Piston | |
| 103 | Kit | 1 | O-Ring | |
| 104 | Kit | 2 | Ring, Rod Bearing | |
| 105 | Kit | 1 | Ring, Back-Up | |
| 106 | Kit | 1 | Seal, Rod | |
| 107 | Kit | 1 | O-Ring | |
| 108 | Kit | 1 | Seal, Wiper | |

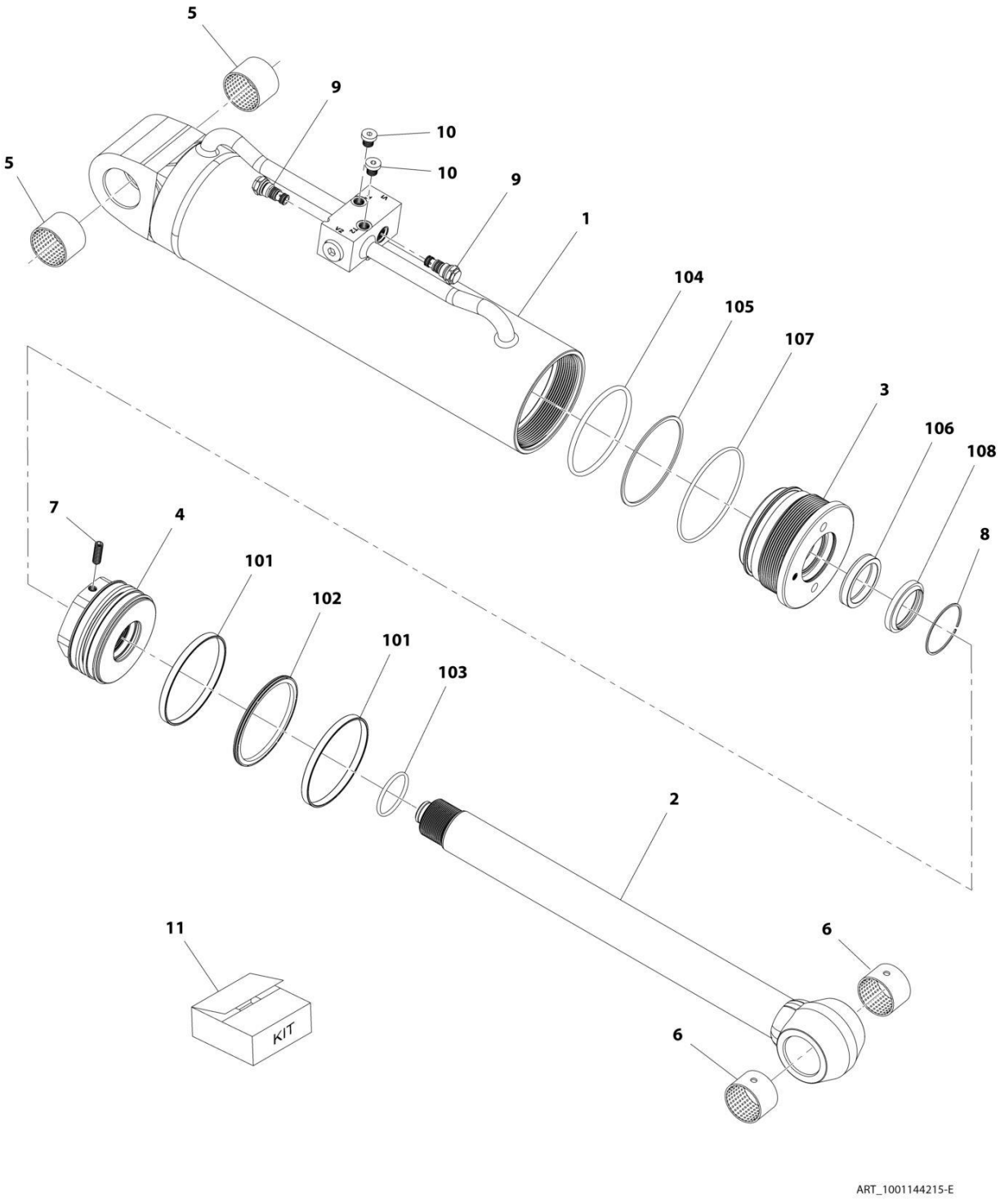
## FIGURE 9-11. FRAME LEVEL CYLINDER



## FIGURE 9-11. FRAME LEVEL CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146580 | Ref | Frame Level Cylinder - 4017RS | E |
| | 1001146580 | Ref | Frame Level Cylinder - 3614RS | E |
| 1 | 70025636 | 1 | Assembly, Barrel | |
| 2 | 70025637 | 1 | Assembly, Rod | |
| 3 | 70025638 | 1 | Head, Piston | |
| 4 | 70025639 | 1 | Gland | |
| 5 | 70027056 | 1 | Bushing | |
| 6 | 70027057 | 1 | Bushing | |
| 7 | 70025612 | 2 | Valve, Check | |
| 8 | 70024262 | 2 | Plug | |
| 9 | 70025582 | 1 | Screw, Locking | |
| 10 | 70025627 | 1 | Ring, Snap | |
| 11 | 70025640 | 1 | Kit, Seal (includes items 101 thru 108) | |
| 101 | Kit | 2 | Ring, Piston Bearing | |
| 102 | Kit | 1 | Seal, Piston | |
| 103 | Kit | 1 | O-Ring | |
| 104 | Kit | 1 | O-Ring | |
| 105 | Kit | 1 | Ring, Back-Up | |
| 106 | Kit | 1 | Seal, Rod | |
| 107 | Kit | 1 | O-Ring | |
| 108 | Kit | 1 | Seal, Wiper | |

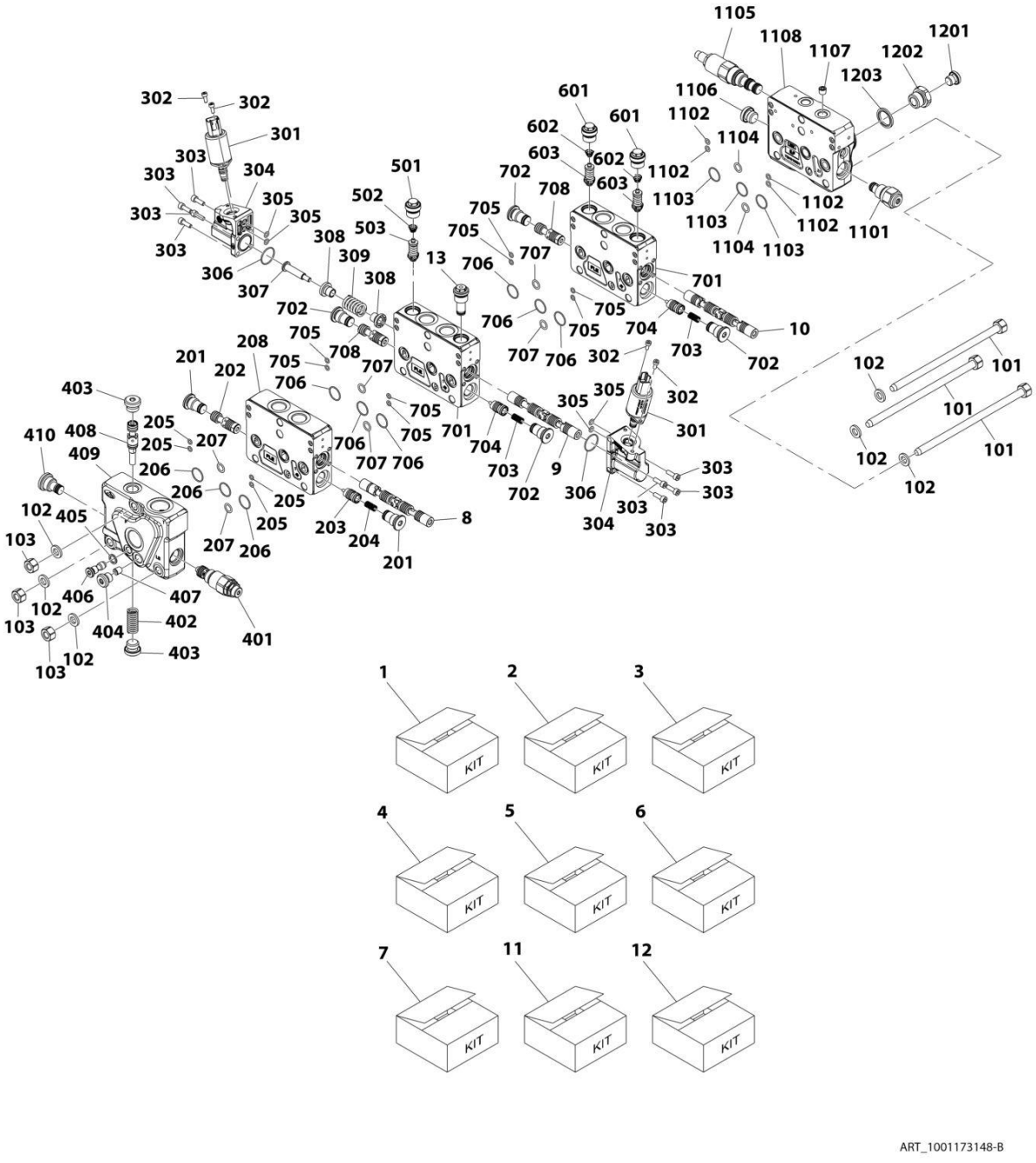
## FIGURE 9-12. OUTRIGGER CYLINDER



## FIGURE 9-12. OUTRIGGER CYLINDER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144215 | Ref | Outrigger Cylinder | E |
| 1 | 70025621 | 1 | Assembly, Barrel | |
| 2 | 70025622 | 1 | Assembly, Rod | |
| 3 | 70025623 | 1 | Gland | |
| 4 | 70025624 | 1 | Head, Piston | |
| 5 | 70025625 | 2 | Bushing | |
| 6 | 70027055 | 2 | Bushing | |
| 7 | 70025626 | 1 | Screw, Locking | |
| 8 | 70025627 | 1 | Ring, Snap | |
| 9 | 70025612 | 2 | Valve, Check | |
| 10 | 70024262 | 2 | Plug | |
| 11 | 70025628 | 1 | Kit, Seal (includes items 101 thru 108) | |
| 101 | Kit | 2 | Ring, Piston Bearing | |
| 102 | Kit | 1 | Seal, Piston | |
| 103 | Kit | 1 | O-Ring | |
| 104 | Kit | 1 | O-Ring | |
| 105 | Kit | 1 | Ring, Back-Up | |
| 106 | Kit | 1 | Seal, Rod | |
| 107 | Kit | 1 | O-Ring | |
| 108 | Kit | 1 | Seal, Wiper | |

## FIGURE 9-13. MAIN CONTROL VALVE (NO AUXILIARY HYDRAULICS)



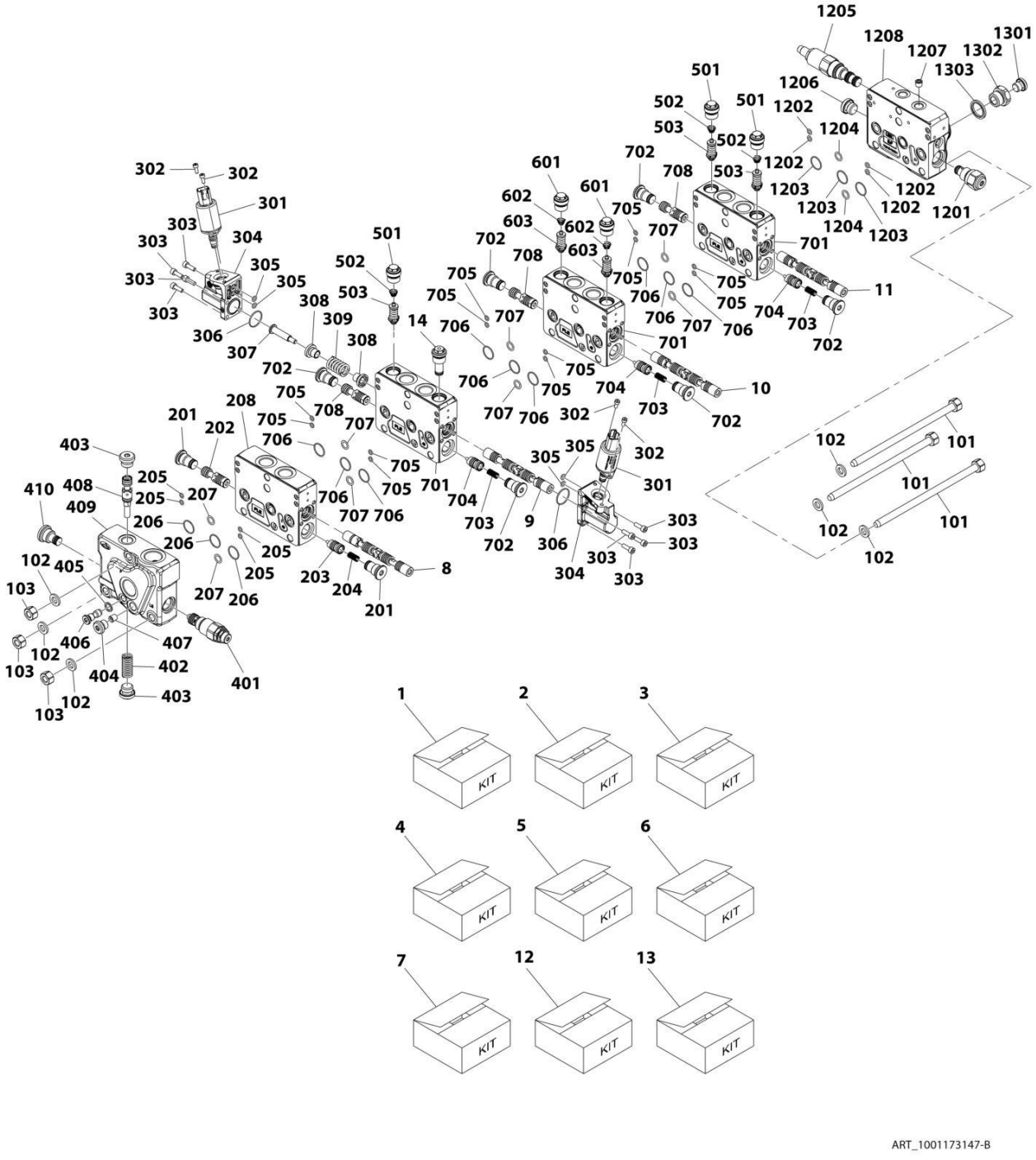
## FIGURE 9-13. MAIN CONTROL VALVE (NO AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001173148 | Ref | Main Control Valve (no auxiliary hydraulics) | B |
| 1 | 70025825 | 1 | Tie Rod Kit (includes items 101 thru 103) | |
| 2 | 70025826 | 1 | Section Kit without Port Relief Cavity (includes items 201 thru 208 | |
| 3 | 70025827 | 3 | Electro-Hydraulic Kit (includes items 301 thru 309) | |
| 4 | 70025829 | 1 | Main Relief Valve Kit (includes items 401 thru 410) | |
| 5 | 70025830 | 1 | Port Relief Kit (includes items 501 thru 503) | |
| 6 | 70025831 | 2 | Port Relief Kit (includes items 601 thru 603) | |
| 7 | 70025832 | 2 | Section Kit with Port Relief Cavity (includes items 701 thru 708) | |
| 8 | 70025833 | 1 | Lift Spool | |
| 9 | 70025834 | 1 | Tele Spool | |
| 10 | 70025835 | 1 | Spool | |
| 11 | 70025836 | 1 | Bleed Valve Kit (includes items 1101 thru 1108) | |
| 12 | 70025839 | 1 | Pressure Gauge Connection Kit (includes items 1201 thru 1203) | |
| 13 | 70025837 | 1 | Plug | |
| 101 | Kit | 3 | Tie Rod | |
| 102 | Kit | 6 | Elastic Washer | |
| 103 | Kit | 3 | Nut | |
| 201 | Kit | 2 | Compensator Plug | |
| 202 | Kit | 1 | Compensator Spool | |
| 203 | Kit | 1 | Selector Spool | |
| 204 | Kit | 1 | Spring | |
| 205 | Kit | 4 | O-Ring | |
| 206 | Kit | 3 | O-Ring | |
| 207 | Kit | 1 | O-Ring | |
| 208 | Kit | 1 | Working Section | |
| 301 | 70025828 | 2 | Solenoid Valve (may be ordered separately) | |
| 302 | Kit | 4 | Screw | |
| 303 | Kit | 8 | Screw | |
| 304 | Kit | 2 | Cylinder | |
| 305 | Kit | 4 | O-Ring | |
| 306 | Kit | 2 | O-Ring | |
| 307 | Kit | 1 | Pin | |
| 308 | Kit | 2 | Bushing | |
| 309 | Kit | 1 | Spring | |
| 401 | Kit | 1 | Valve | |
| 402 | Kit | 1 | Spring | |
| 403 | Kit | 2 | Plug | |
| 404 | Kit | 1 | Plug | |
| 405 | Kit | 1 | Washer | |
| 406 | Kit | 1 | Plug | |
| 407 | Kit | 1 | Plug | |
| 408 | Kit | 1 | Compensator Spool | |
| 409 | Kit | 1 | Inlet Section | |
| 410 | Kit | 1 | Plug | |
| 501 | Kit | 1 | Plug | |
| 502 | Kit | 1 | Spring | |
| 503 | Kit | 1 | Valve | |
| 601 | Kit | 1 | Plug | |
| 602 | Kit | 1 | Spring | |
| 603 | Kit | 1 | Valve | |

# SECTION 9 - HYDRAULIC COMPONENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 701 | Kit | 1 | Working Section | |
| 702 | Kit | 2 | Compensator Plug | |
| 703 | Kit | 1 | Spring | |
| 704 | Kit | 1 | Selector Spool | |
| 705 | Kit | 4 | O-Ring | |
| 706 | Kit | 3 | O-Ring | |
| 707 | Kit | 1 | O-Ring | |
| 708 | Kit | 1 | Compensator Spool | |
| 1101 | Kit | 1 | Flow Regulator | |
| 1102 | Kit | 4 | O-Ring | |
| 1103 | Kit | 3 | O-Ring | |
| 1104 | Kit | 1 | O-Ring | |
| 1105 | Kit | 1 | Valve | |
| 1106 | Kit | 1 | Plug | |
| 1107 | Kit | 1 | Plug | |
| 1108 | Kit | 1 | Outlet Cover | |
| 1201 | Kit | 1 | Plug | |
| 1202 | Kit | 1 | Joint | |
| 1203 | Kit | 1 | Washer | |

## FIGURE 9-14. MAIN CONTROL VALVE (AUXILIARY HYDRAULICS)



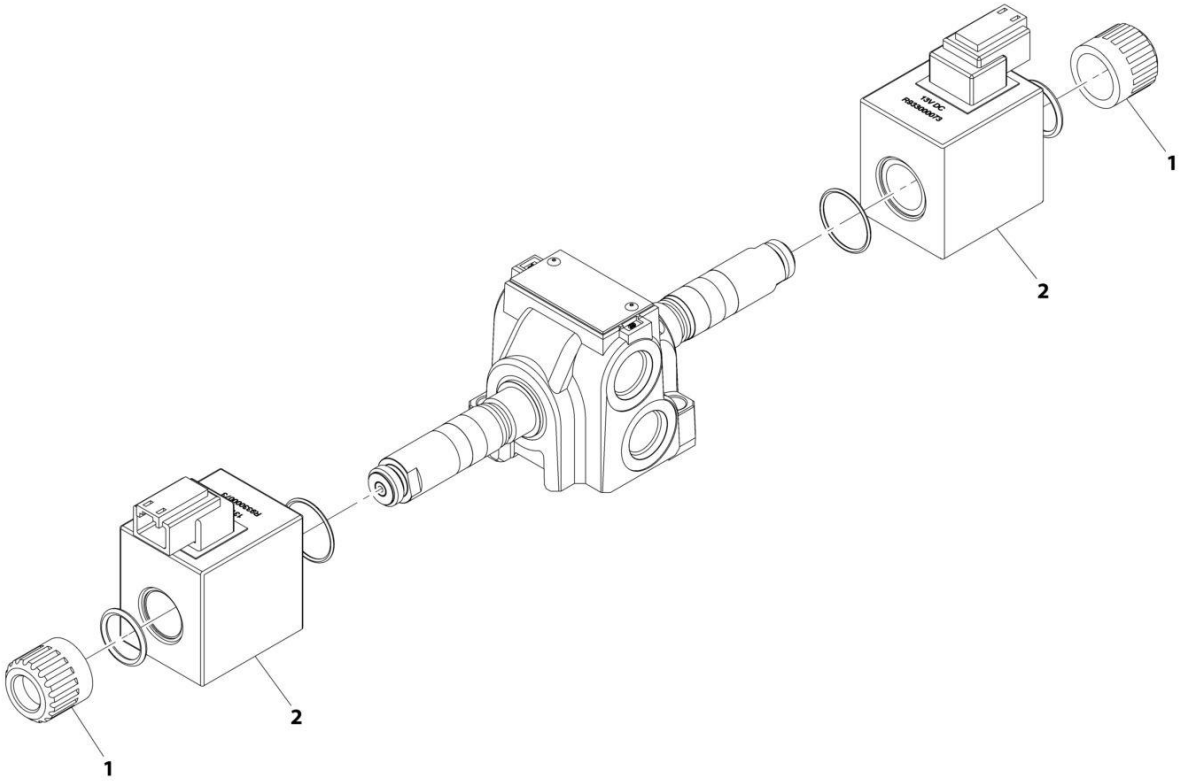
## FIGURE 9-14. MAIN CONTROL VALVE (AUXILIARY HYDRAULICS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001173147 | Ref | Main Control Valve (auxiliary hydraulics) | B |
| 1 | 70025840 | 1 | Tie Rod Kit (includes items 101 thru 103) | |
| 2 | 70025826 | 1 | Kit, Section, without Port Relief Cavity (includes items 201 thru 208) | |
| 3 | 70025827 | 4 | Electro-Hydraulic Kit (includes items 301 thru 309) | |
| 4 | 70025829 | 1 | Main Relief Valve Kit (includes items 401 thru 410) | |
| 5 | 70025830 | 3 | Port Relief Kit (includes items 501 thru 503) | |
| 6 | 70025831 | 2 | Port Relief Kit (includes items 601 thru 603) | |
| 7 | 70025832 | 3 | Section Kit with Port Relief Cavity (includes items 701 thru 708) | |
| 8 | 70025833 | 1 | Lift Spool | |
| 9 | 70025834 | 1 | Tele Spool | |
| 10 | 70025835 | 1 | Spool | |
| 11 | 70025838 | 1 | Spool | |
| 12 | 70025836 | 1 | Bleed Valve Kit (includes items 1201 thru 1208) | |
| 13 | 70025839 | 1 | Pressure Gauge Connection Kit (includes items 1301 thru 1303) | |
| 14 | 70025837 | 1 | Plug | |
| 101 | Kit | 3 | Tie Rod | |
| 102 | Kit | 6 | Elastic Washer | |
| 103 | Kit | 3 | Nut | |
| 201 | Kit | 2 | Compensator Plug | |
| 202 | Kit | 1 | Compensator Spool | |
| 203 | Kit | 1 | Selector Spool | |
| 204 | Kit | 1 | Spring | |
| 205 | Kit | 4 | O-Ring | |
| 206 | Kit | 3 | O-Ring | |
| 207 | Kit | 1 | O-Ring | |
| 208 | Kit | 1 | Working Selection | |
| 301 | 70025828 | 2 | Solenoid Valve (may be ordered separately) | |
| 302 | Kit | 4 | Screw | |
| 303 | Kit | 8 | Screw | |
| 304 | Kit | 2 | Cylinder | |
| 305 | Kit | 4 | O-Ring | |
| 306 | Kit | 2 | O-Ring | |
| 307 | Kit | 1 | Pin | |
| 308 | Kit | 2 | Bushing | |
| 309 | Kit | 1 | Spring | |
| 401 | Kit | 1 | Valve | |
| 402 | Kit | 1 | Spring | |
| 403 | Kit | 2 | Plug | |
| 404 | Kit | 1 | Plug | |
| 405 | Kit | 1 | Washer | |
| 406 | Kit | 1 | Plug | |
| 407 | Kit | 1 | Plug | |
| 408 | Kit | 1 | Compensator Spool | |
| 409 | Kit | 1 | Inlet Section | |
| 410 | Kit | 1 | Plug | |
| 501 | Kit | 1 | Plug | |
| 502 | Kit | 1 | Spring | |
| 503 | Kit | 1 | Valve | |
| 601 | Kit | 1 | Plug | |

# SECTION 9 - HYDRAULIC COMPONENTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 602 | Kit | 1 | Spring | |
| 603 | Kit | 1 | Valve | |
| 701 | Kit | 1 | Working Section | |
| 702 | Kit | 2 | Compensator Plug | |
| 703 | Kit | 1 | Spring | |
| 704 | Kit | 1 | Selector Spool | |
| 705 | Kit | 4 | O-Ring | |
| 706 | Kit | 3 | O-Ring | |
| 707 | Kit | 1 | O-Ring | |
| 708 | Kit | 1 | Compensator Spool | |
| 1201 | Kit | 1 | Flow Regulator | |
| 1202 | Kit | 4 | O-Ring | |
| 1203 | Kit | 3 | O-Ring | |
| 1204 | Kit | 1 | O-Ring | |
| 1205 | Kit | 1 | Valve | |
| 1206 | Kit | 1 | Plug | |
| 1207 | Kit | 1 | plug | |
| 1208 | Kit | 1 | Outlet Cover | |
| 1301 | Kit | 1 | Plug | |
| 1302 | Kit | 1 | Joint | |
| 1303 | Kit | 1 | Washer | |

## FIGURE 9-15. STEERING SELECT VALVE

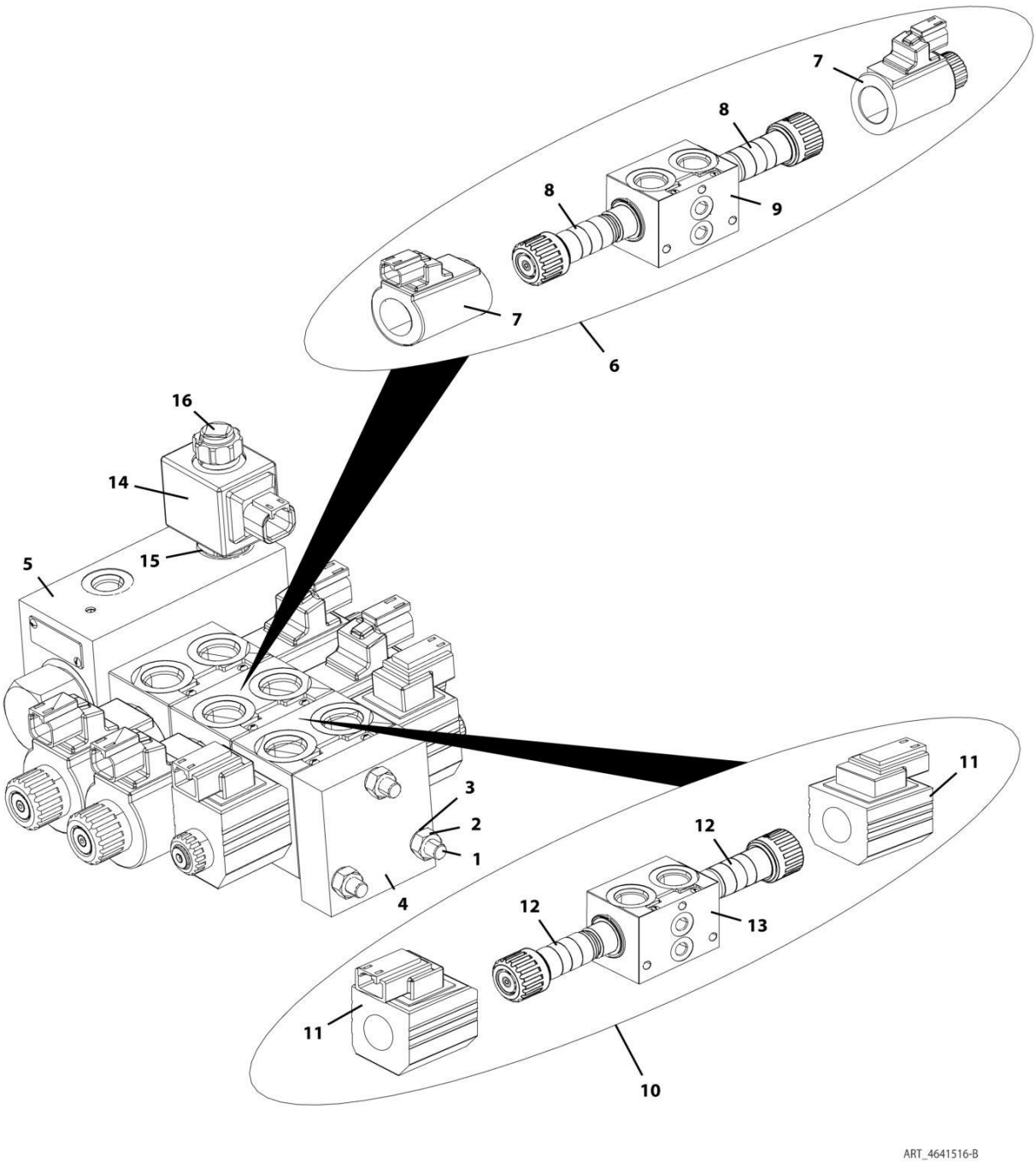



ART_1001153748-C

## FIGURE 9-15. STEERING SELECT VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001153748 | Ref | Steering Select Valve | C |
| 1 | 70020867 | 2 | Kit, Retainer, W/Seals | |
| 2 | 70026582 | 2 | Coil | |

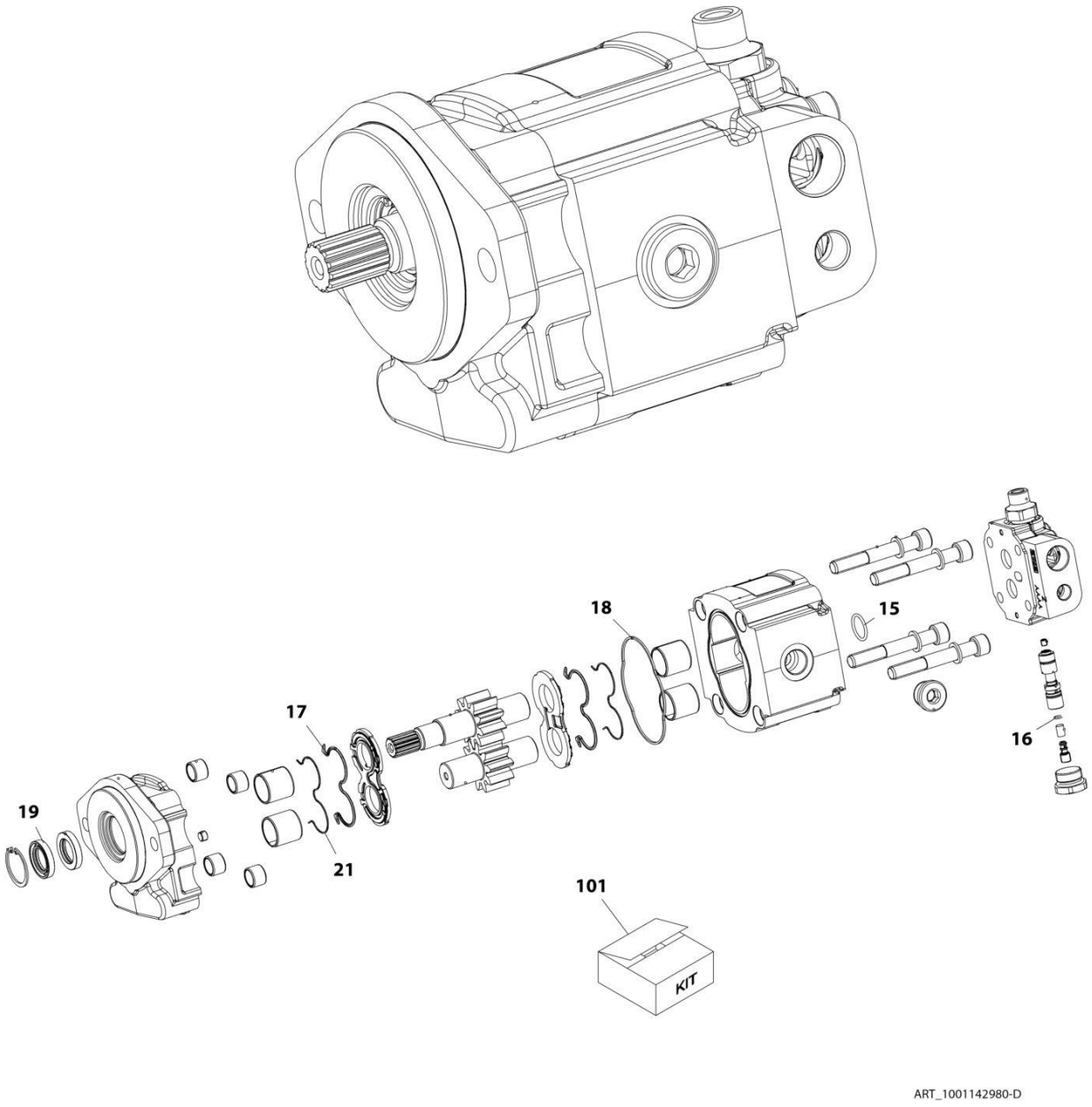
## FIGURE 9-16. OUTRIGGER VALVE



## FIGURE 9-16. OUTRIGGER VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 4641516 | Ref | Outrigger Valve | B |
| 1 | 70021211 | 3 | Bolt, M8X185 | |
| 2 | 70021212 | 3 | Nut, M8 | |
| 3 | 70021201 | 3 | Washer, M8 | |
| 4 | 70021205 | 1 | Cover | |
| 5 | 70021215 | 1 | Body, Inlet | |
| 6 | 70021214 | 2 | Assembly, Outrigger Section | |
| 7 | 70020868 | 2 | Coil | |
| 8 | 70020867 | 2 | Kit, Retainer, w/Seals | |
| 9 | 70021218 | 1 | Section, Valve | |
| 10 | 70021213 | 1 | Assembly, Frame Level Section | |
| 11 | 70021208 | 2 | Coil | |
| 12 | 70021209 | 2 | Kit, Retainer, w/Seals | |
| 13 | 70021219 | 1 | Section, Valve | |
| 14 | 70022147 | 1 | Coil | |
| 15 | 70023327 | 1 | Solenoid | |
| 16 | 70023326 | 1 | Orifice, 1 | |

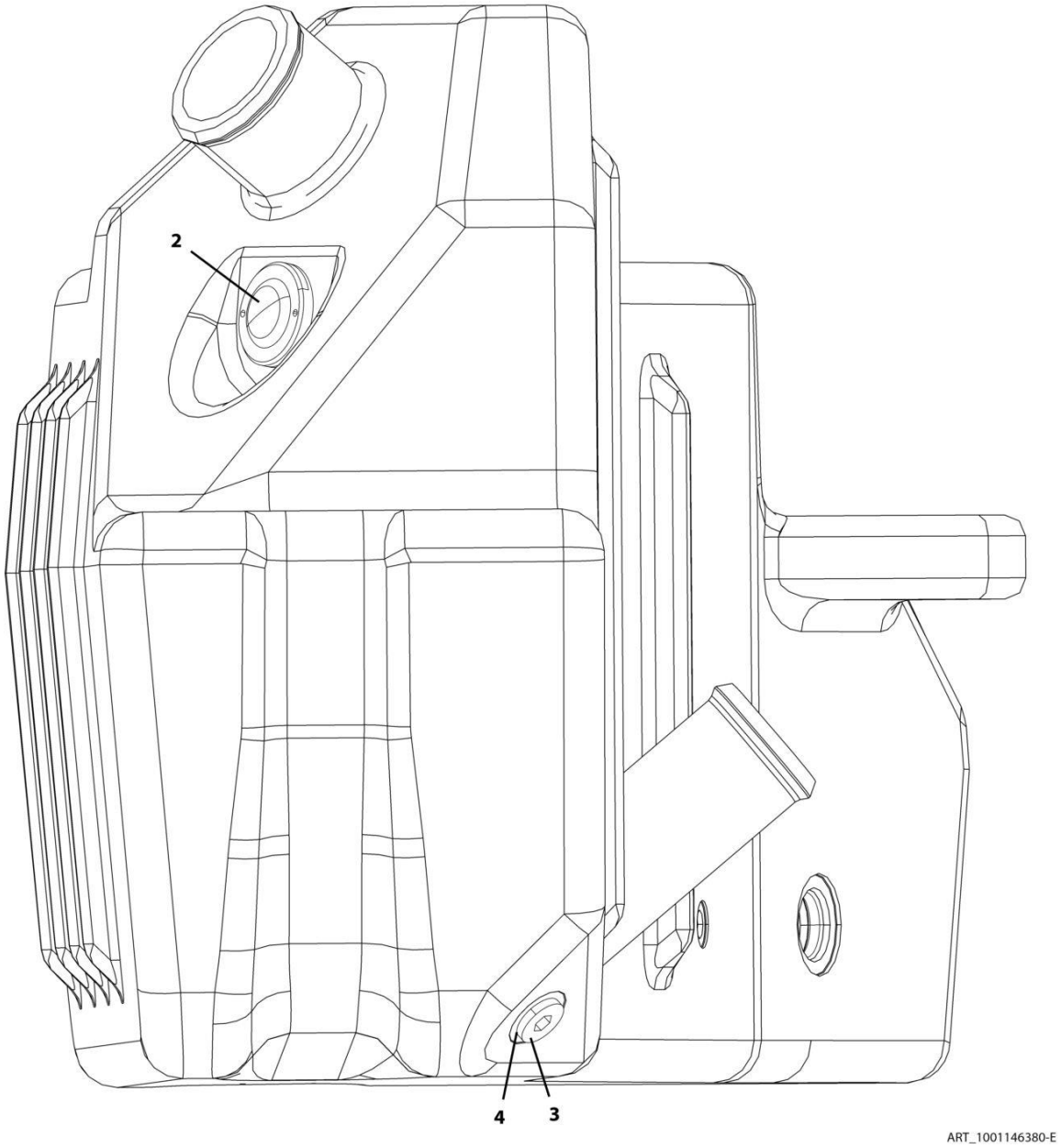
**FIGURE 9-17. GEAR PUMP**



## FIGURE 9-17. GEAR PUMP

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001142980 | Ref | Gear Pump | D |
| 15 | Kit | 3 | O-Ring | |
| 16 | Kit | 1 | O-Ring | |
| 17 | Kit | 2 | Seal | |
| 18 | Kit | 1 | Seal | |
| 19 | Kit | 2 | Seal, Shaft | |
| 21 | Kit | 2 | Ring, Anti-Extrusion | |
| 101 | 70024631 | 1 | Kit, Seal (includes items 15 thru 21) | |

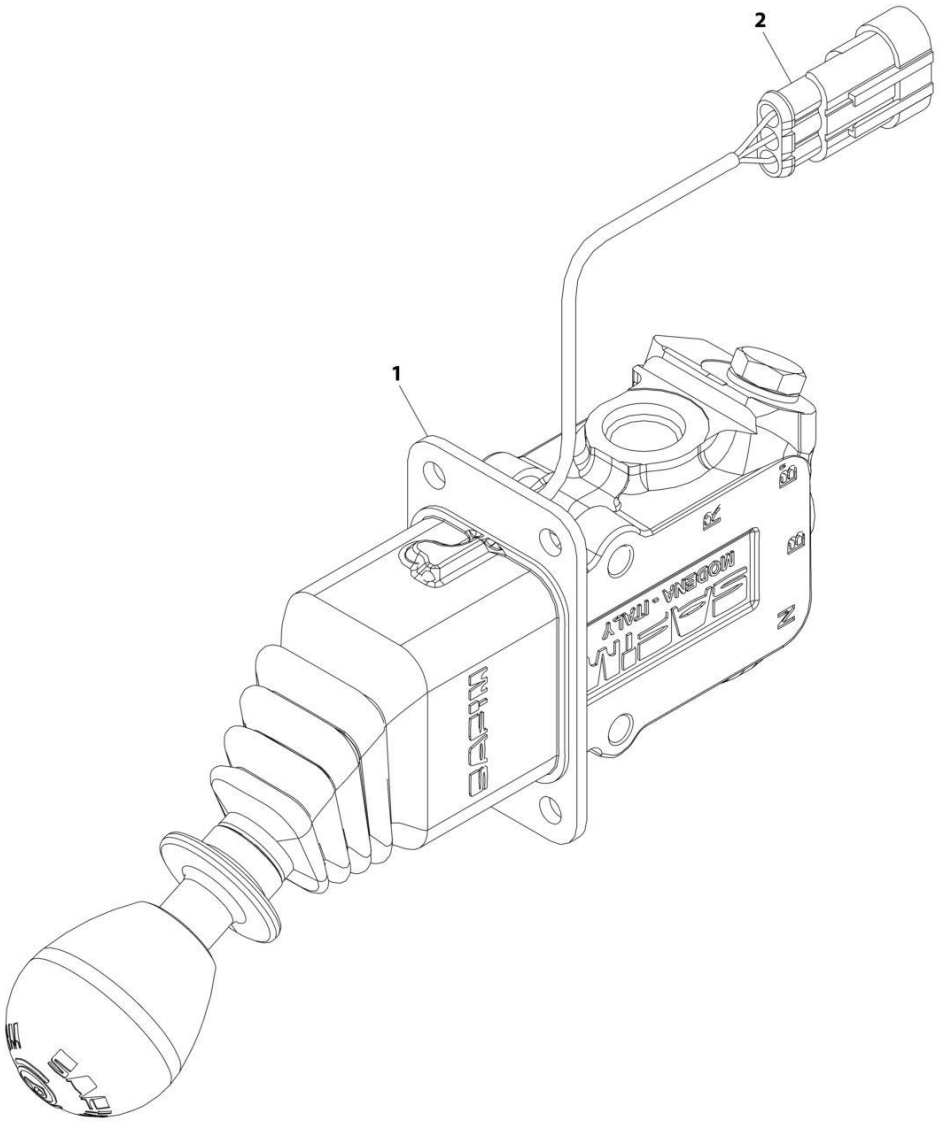
**FIGURE 9-18. HYDRAULIC TANK**



## FIGURE 9-18. HYDRAULIC TANK

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146380 | Ref | Hydraulic Tank | E |
| 2 | 70025812 | 1 | Gauge, Sight | |
| 3 | 70025813 | 1 | Plug, Drain | |
| 4 | N.S.S. | 1 | O-Ring | |

## FIGURE 9-19. HYDRAULIC PARK BRAKE RELEASE VALVE - 4017RS

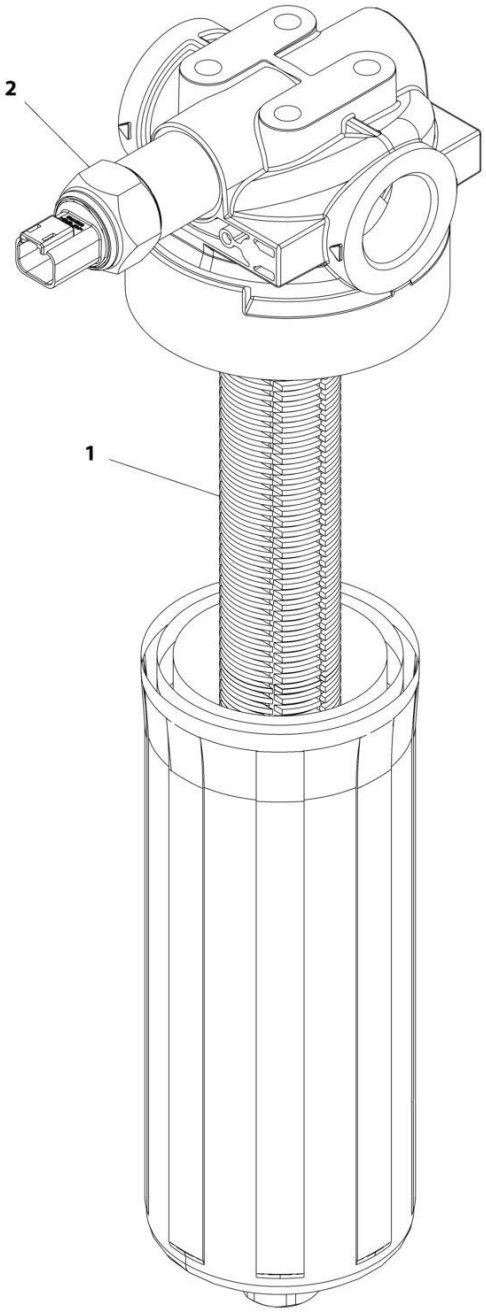



ART_1001098153-D

## FIGURE 9-19. HYDRAULIC PARK BRAKE RELEASE VALVE - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001098153 | Ref | Hydraulic Park Brake Release Valve - 4017RS | D |
| 1 | 70020922 | 1 | Kit, Seal | |
| 2 | 70022847 | 1 | Kit, Microswitch | |

## FIGURE 9-20. HYDRAULIC OIL FILTER

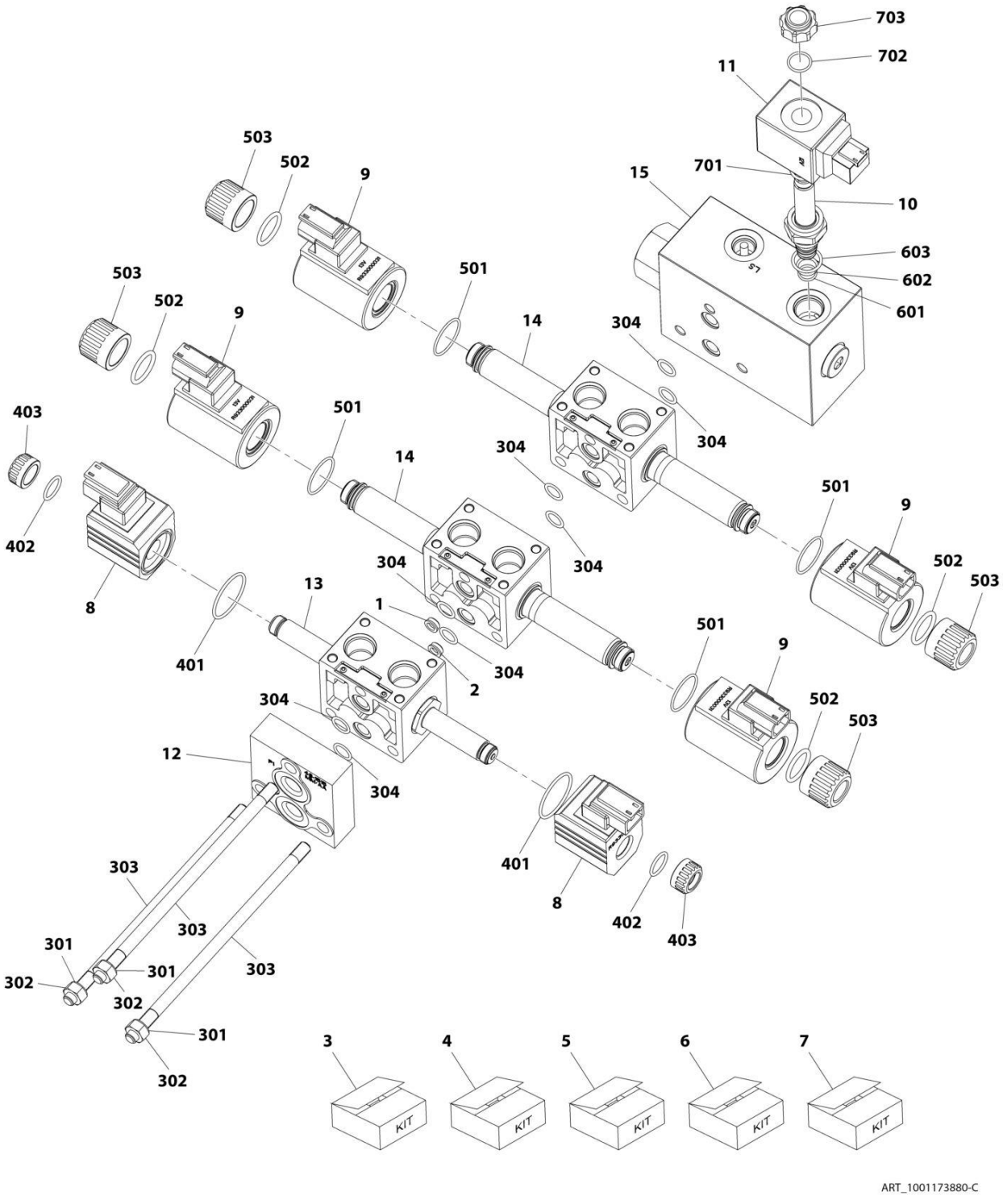



ART_1001175757-A

## FIGURE 9-20. HYDRAULIC OIL FILTER

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146076 | NLA | Hydraulic Oil Filter, (no longer available, use 1001175757 for replacement or items 1 & 2 for service) | B |
| | 1001175757 | Ref | Hydraulic Oil Filter | A |
| 1 | 70025811 | 1 | Element, Filter | |
| 2 | 70025863 | 1 | Indicator, Clogging | |

## FIGURE 9-21. OUTRIGGER VALVE

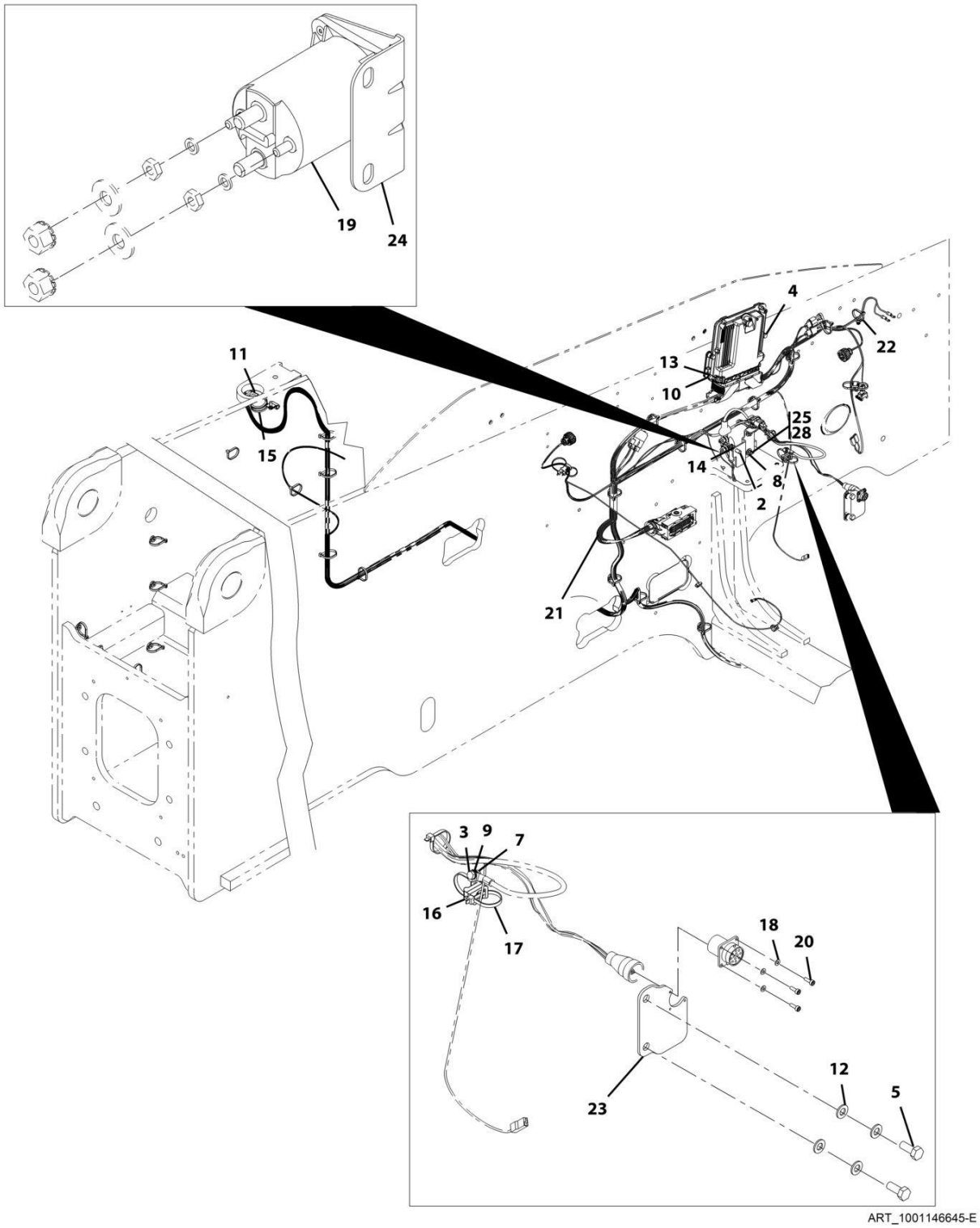


## FIGURE 9-21. OUTRIGGER VALVE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001173880 | Ref | Outrigger Valve | B |
| 1 | 70028242 | 1 | Orifice | |
| 2 | 70028243 | 1 | Orifice | |
| 3 | 70027284 | 1 | Bolt and Seal Kit (includes items 301 thru 304) | |
| 4 | 70021209 | 2 | Retainer Kit W/Seals (includes items 401 thru 403) | |
| 5 | 70020867 | 4 | Retainer Kit W/Seals (includes items 501 thru 503) | |
| 6 | 70027286 | 1 | Seal Kit (includes items 601 thru 603) | |
| 7 | 70027285 | 1 | Coil Nut Kit (includes items 701 thru 703) | |
| 8 | 70021208 | 2 | Coil | |
| 9 | 70020868 | 4 | Coil | |
| 10 | 70023327 | 1 | Cartridge Valve | |
| 11 | 70022147 | 2 | Coil | |
| 12 | 70004667 | 1 | Cover Plate | |
| 13 | 70021213 | 1 | Section | |
| 14 | 70026568 | 2 | Section | |
| 15 | 70021215 | 1 | Inlet | |
| 301 | Kit | 3 | Toothed Lockwasher | |
| 302 | 70026570 | 3 | Hexagon Nut | |
| 303 | 70026569 | 3 | Tie Rod | |
| 304 | Kit | 8 | O-Ring | |
| 401 | Kit | 2 | O-Ring | |
| 402 | Kit | 2 | O-Ring | |
| 403 | Kit | 2 | Coil Nut M13X1 | |
| 501 | Kit | 4 | O-Ring | |
| 502 | Kit | 4 | O-Ring | |
| 503 | Kit | 4 | Coil Nut M13X1 | |
| 601 | Kit | 1 | O-Ring | |
| 602 | Kit | 1 | O-Ring | |
| 603 | Kit | 1 | O-Ring | |
| 701 | Kit | 1 | O-Ring | |
| 702 | 70006246 | 1 | O-Ring | |
| 703 | 70004654 | 1 | Coil Nut | |

# SECTION 10 - ELECTRICAL

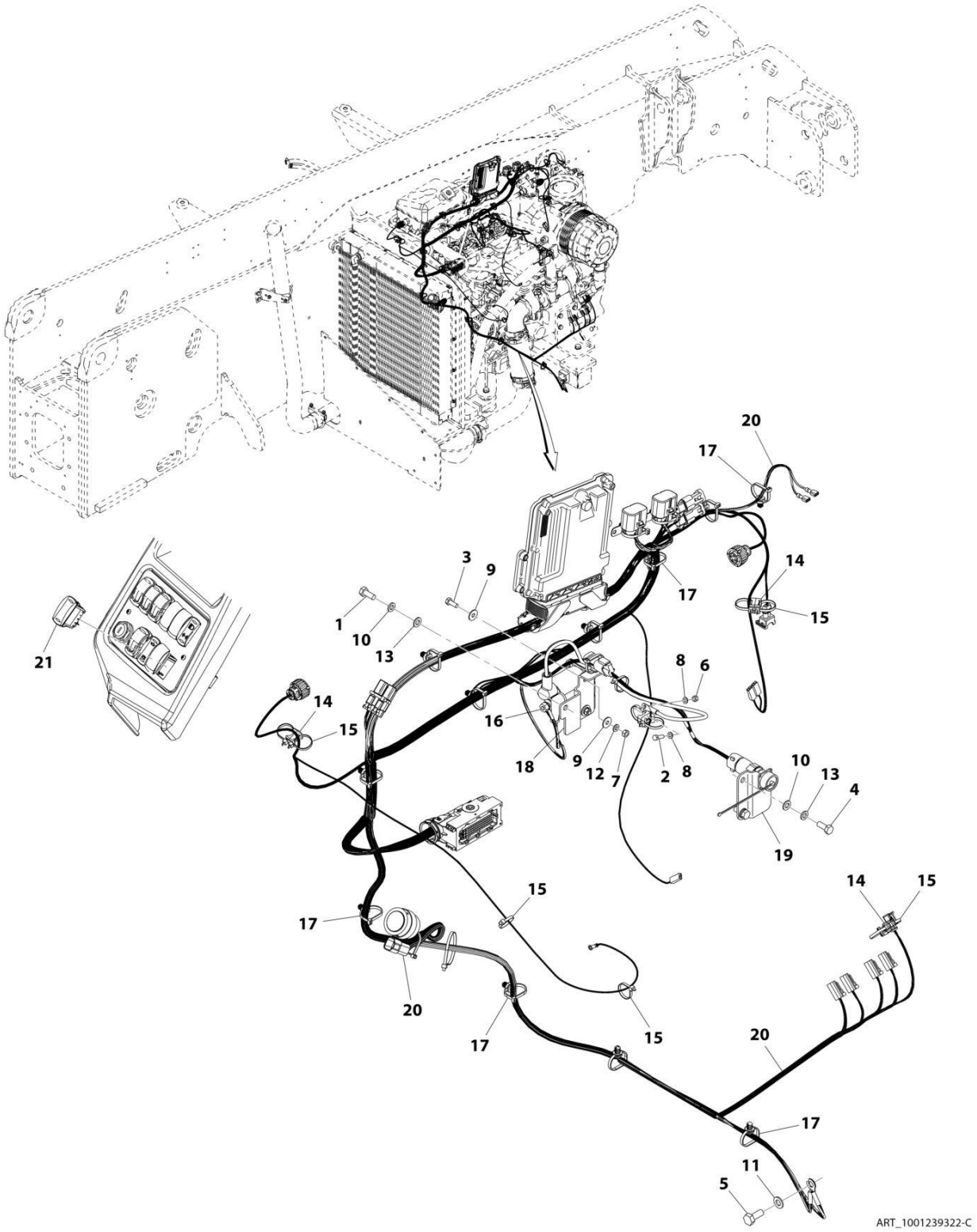
**FIGURE 10-1. ENGINE ELECTRICAL INSTALLATION - 74 KW (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-1. ENGINE ELECTRICAL INSTALLATION - 74 KW (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146645 | Ref | Engine Electrical Installation | E |
| 2 | 0700810 | 1 | Bolt, M8X20 | |
| 3 | 0760508 | 1 | Bolt, M5X16 | |
| 4 | 0760614 | 4 | Bolt, M6X30 | |
| 5 | 0760810 | 2 | Bolt, M8X20 | |
| 7 | 3290505 | 1 | Nut, Lock M5X0.8 | |
| 8 | 3290601 | 2 | Nut, M6X1 | |
| 9 | 4811600 | 2 | Washer, M5 | |
| 10 | 4811700 | 4 | Washer, M6 | |
| 11 | 4811702 | 4 | Washer, M6 | |
| 12 | 4811900 | 3 | Washer, M8 | |
| 13 | 4831700 | 6 | Washer, Lock 6 | |
| 14 | 4831900 | 3 | Washer, Lock 8 | |
| 15 | 1001162863 | 2 | Clip | |
| 16 | 1001004723 | 4 | Saddle | |
| 17 | 1001008559 | 11 | Strap, Cable | |
| 18 | 1001110544 | 3 | Washer, M3 | |
| 19 | 1001117308 | 1 | Relay, 200 Amp (See 200 AMP RELAY for Breakdown) | |
| 20 | 4031205 | 3 | Bolt, M3X10 | |
| 21 | 1001145550 | Ref | Harness, Engine (See ENGINE HARNESS for Breakdown) | |
| 22 | 1001146588 | 14 | Strap, Cable | |
| 23 | 1001166850 | 1 | Bracket, Diagnostic Connector | |
| 24 | 1001147799 | 1 | Bracket, Glow Plug Relay | |
| 25 | 0760608 | 2 | Bolt, M6X16 | |
| 28 | 1001095650 | AR | Compound, Locking | |

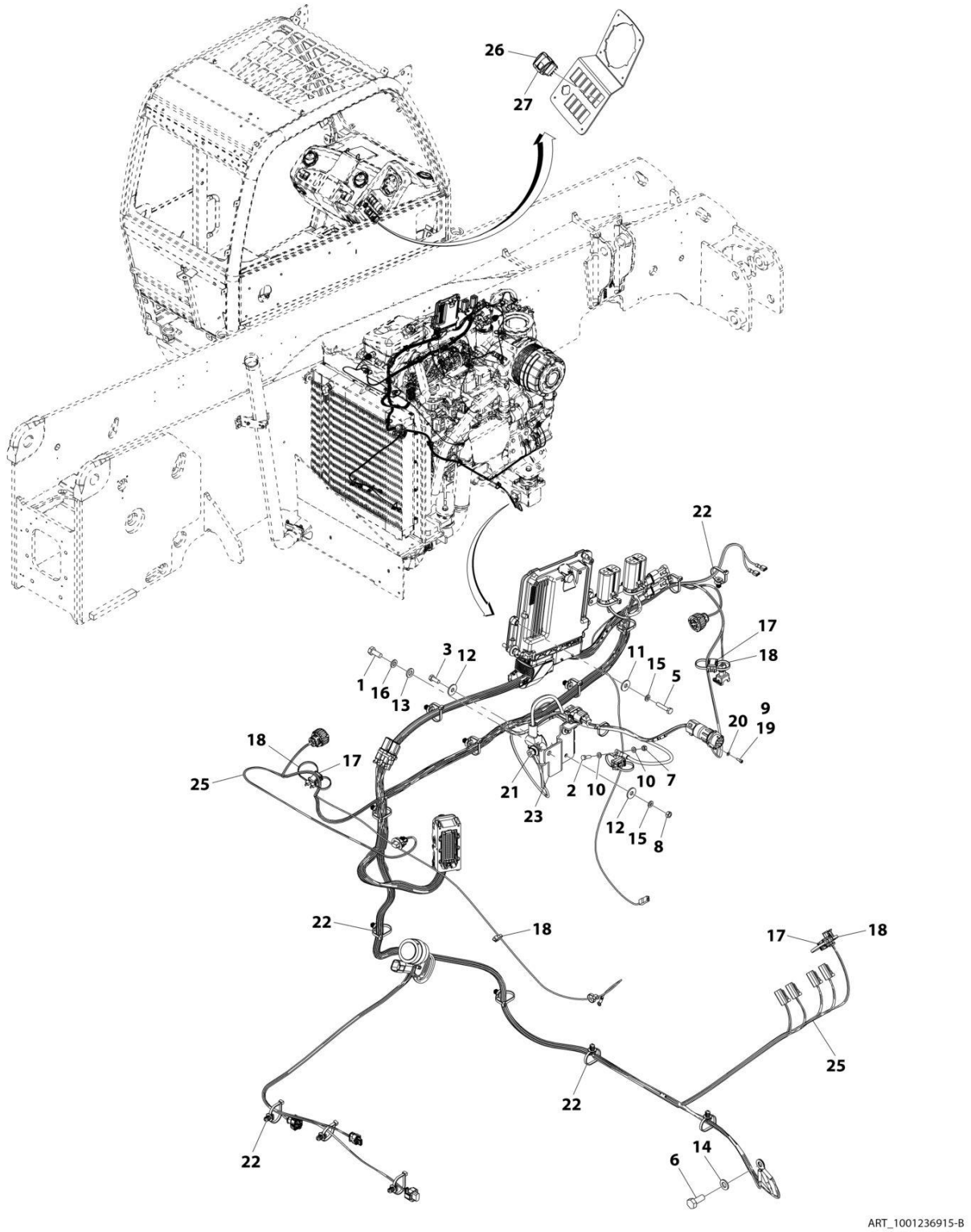
**FIGURE 10-2. ENGINE ELECTRICAL INSTALLATION - 74 KW (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-2. ENGINE ELECTRICAL INSTALLATION - 74 KW (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239322 | Ref | Engine Electrical Installation - 74KW | C |
| 1 | 0700810 | 1 | Bolt, M8X20 | |
| 2 | 0760508 | 1 | Bolt, M5X16 | |
| 3 | 0760608 | 2 | Bolt, M6X16 | |
| 4 | 0760810 | 2 | Bolt, M8X20 | |
| 5 | 0761012 | 1 | Bolt, M10X25 | |
| 6 | 3290505 | 1 | Nut, Lock M5X0.8 | |
| 7 | 3290601 | 2 | Nut, M6X1 | |
| 8 | 4811600 | 2 | Washer, M5 | |
| 9 | 4811702 | 4 | Washer, M6 | |
| 10 | 4811900 | 3 | Washer, M8 | |
| 11 | 4812000 | 1 | Washer, M10 | |
| 12 | 4831700 | 2 | Washer, Lock M6 | |
| 13 | 4831900 | 3 | Washer, Lock M8 | |
| 14 | 1001004723 | 4 | Saddle | |
| 15 | 1001008559 | 13 | Strap, Cable | |
| 16 | 1001117308 | 1 | Relay, 200 Amp (See Separate Breakdown in this Section) | |
| 17 | 1001146588 | 15 | Strap, Cable | |
| 18 | 1001147799 | 1 | Bracket, Glow Plug Relay | |
| 19 | 1001166850 | 1 | Bracket, Diagnostic Connector | |
| 20 | 1001238822 | 1 | Harness, Engine (See Separate Breakdown in this Section) | |
| 21 | 1001241810 | 1 | Lamp, Aux Indicator | |

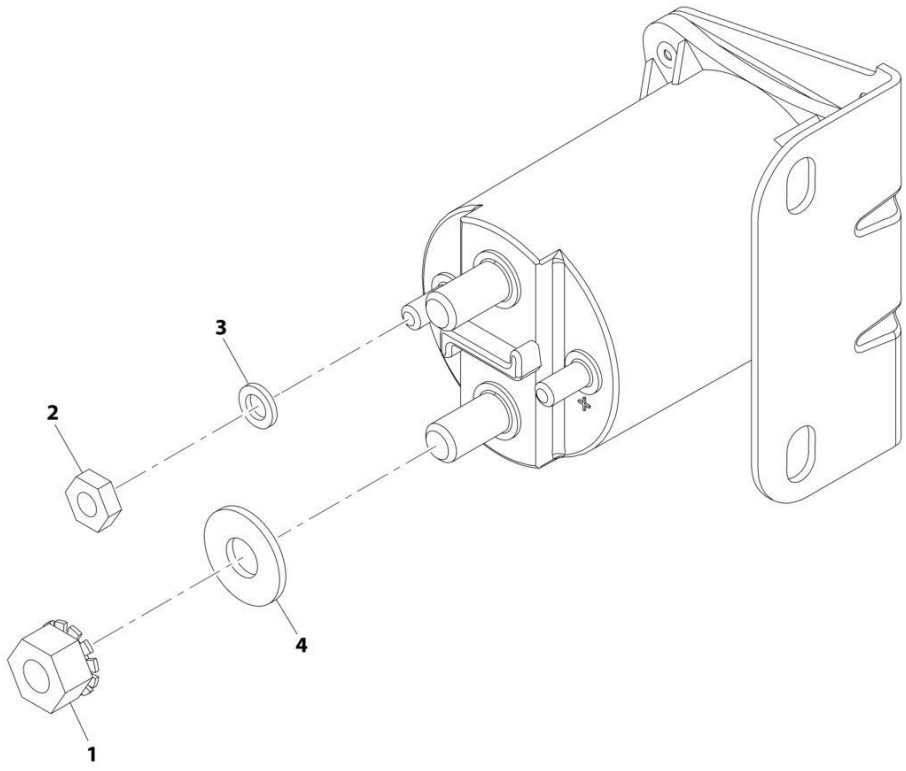
## FIGURE 10-3. ENGINE ELECTRICAL INSTALLATION - 55 KW



## FIGURE 10-3. ENGINE ELECTRICAL INSTALLATION - 55 KW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001236915 | Ref | Engine Electrical Installation - 55KW | B |
| 1 | 0700810 | 1 | Bolt, M8X20 | |
| 2 | 0760508 | 1 | Bolt, M5X16 | |
| 3 | 0760608 | 2 | Bolt, M6X16 | |
| 5 | 0760614 | 4 | Bolt, M6X30 | |
| 6 | 0761012 | 1 | Bolt, M10X25 | |
| 7 | 3290505 | 1 | Nut, Lock M5X0.8 | |
| 8 | 3290601 | 2 | Nut, M6X1 | |
| 9 | 4031205 | 3 | Bolt, M3X10 | |
| 10 | 4811600 | 2 | Washer, M5 | |
| 11 | 4811700 | 4 | Washer, M6 | |
| 12 | 4811702 | 4 | Washer, M6 | |
| 13 | 4811900 | 1 | Washer, M8 | |
| 14 | 4812000 | 1 | Washer, M10 | |
| 15 | 4831700 | 6 | Washer, Lock M6 | |
| 16 | 4831900 | 1 | Washer, Lock M8 | |
| 17 | 1001004723 | 4 | Saddle | |
| 18 | 1001008559 | 11 | Strap, Cable | |
| 19 | 1001095650 | AR | Compound, Locking | |
| 20 | 1001110544 | 3 | Washer, M3 | |
| 21 | 1001117308 | 1 | Relay, 200 Amp (See Separate Breakdown in this Section) | |
| 22 | 1001146588 | 15 | Strap, Cable | |
| 23 | 1001147799 | 1 | Bracket, Glow Plug Relay | |
| 25 | 1001238823 | 1 | Harness, Engine (See Separate Breakdown in this Section) | |
| 26 | 1001241811 | 1 | Lamp | |
| 27 | 1001241813 | 1 | Switch | |

## FIGURE 10-4. 200 AMP RELAY

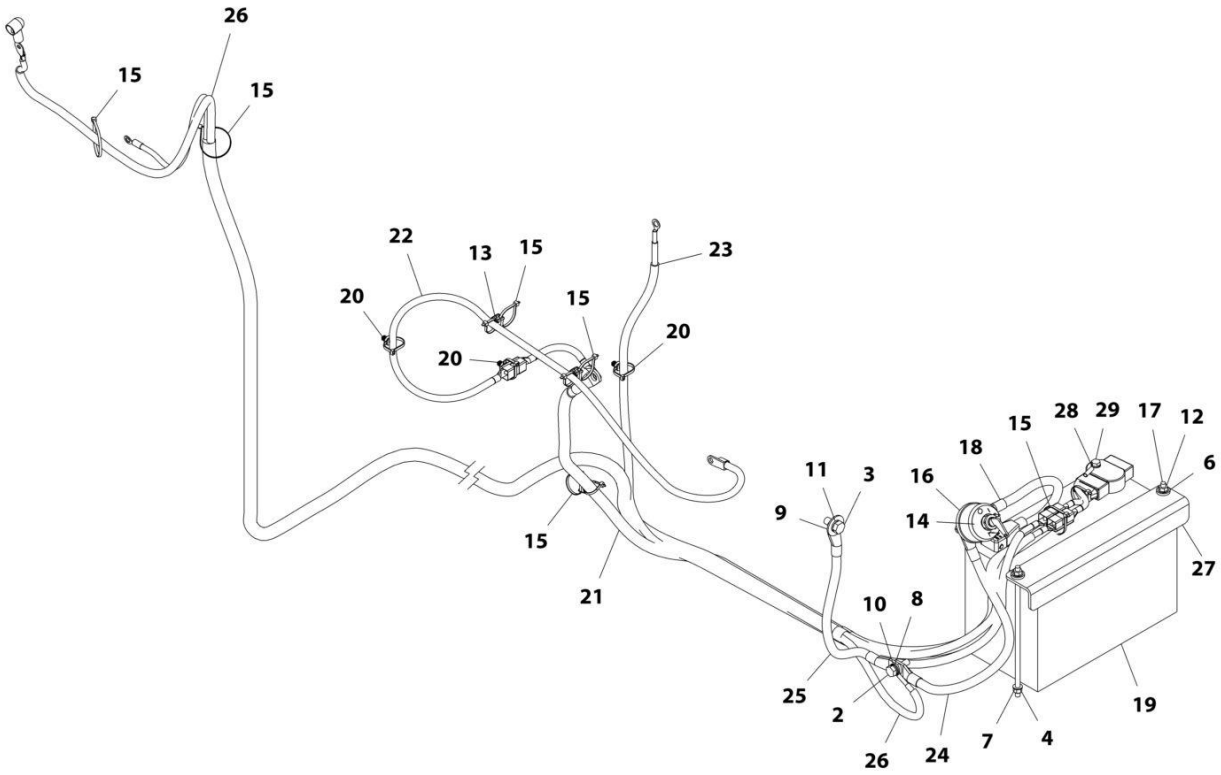



ART_1001117308-C

## FIGURE 10-4. 200 AMP RELAY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001117308 | Ref | 200 Amp Relay | B |
| 1 | 3300220 | 2 | Nut, Washer | |
| 2 | 3321001 | 2 | Nut | |
| 3 | 4761000 | 2 | Washer, Lock | |
| 4 | 1001111424 | 2 | Washer | |

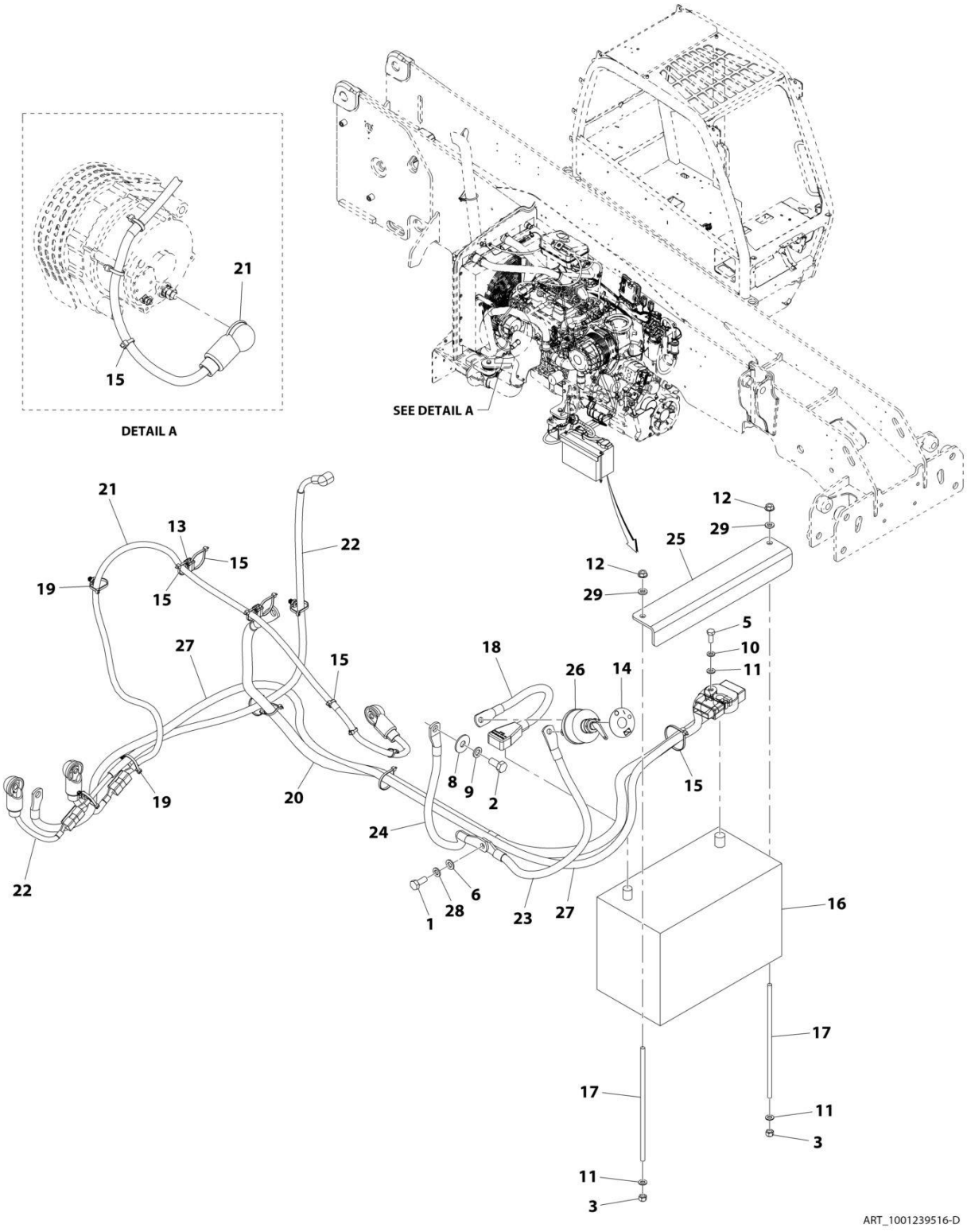
**FIGURE 10-5. BATTERY INSTALLATION (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 10-5. BATTERY INSTALLATION (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145531 | Ref | Battery Installation | G |
| 2 | 0761015 | 1 | Bolt, M10X35 | |
| 3 | 0761212 | 1 | Bolt, M12X25 | |
| 4 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 6 | 5240800 | 2 | Washer, M8 | |
| 7 | 4811900 | 3 | Washer, M8 | |
| 8 | 4812000 | 1 | Washer, M10 | |
| 9 | 4812102 | 1 | Washer, M12 | |
| 10 | 4832000 | 1 | Washer, Lock 10 | |
| 11 | 4832100 | 1 | Washer, Lock 12 | |
| 12 | 5220800 | 2 | Nut, Ripp 8 | |
| 13 | 1001004723 | 3 | Saddle | |
| 14 | 1001008540 | 1 | Plate | |
| 15 | 1001008559 | 11 | Strap, Cable | |
| 16 | 1001192142 | 1 | Switch, Disconnect | |
| 17 | 1001099701 | 2 | Rod, M8X1.25 | |
| 18 | 1001121265 | 1 | Cable, Battery, Negative to Isolator | |
| 19 | 1001009339 | 1 | Battery | |
| 20 | 1001146588 | 3 | Strap, Cable | |
| 21 | 1001147793 | 1 | Cable, Battery, Positive to Starter | |
| 22 | 1001147794 | 1 | Cable, Alternator to Starter | |
| 23 | 1001147795 | 1 | Cable, Glow Plug Power | |
| 24 | 1001147796 | 1 | Cable, Isolator to Frame | |
| 25 | 1001147797 | 1 | Cable, Frame to Engine | |
| 26 | 1001147800 | 1 | Harness, Cab Power (See CAB POWER HARNESS for Breakdown) | |
| 27 | 1001166851 | 1 | Bracket, Battery Clamp | |
| 28 | 4831900 | 1 | Washer, Lock 8 | |
| 29 | 0760810 | 1 | Bolt, M8X20 | |

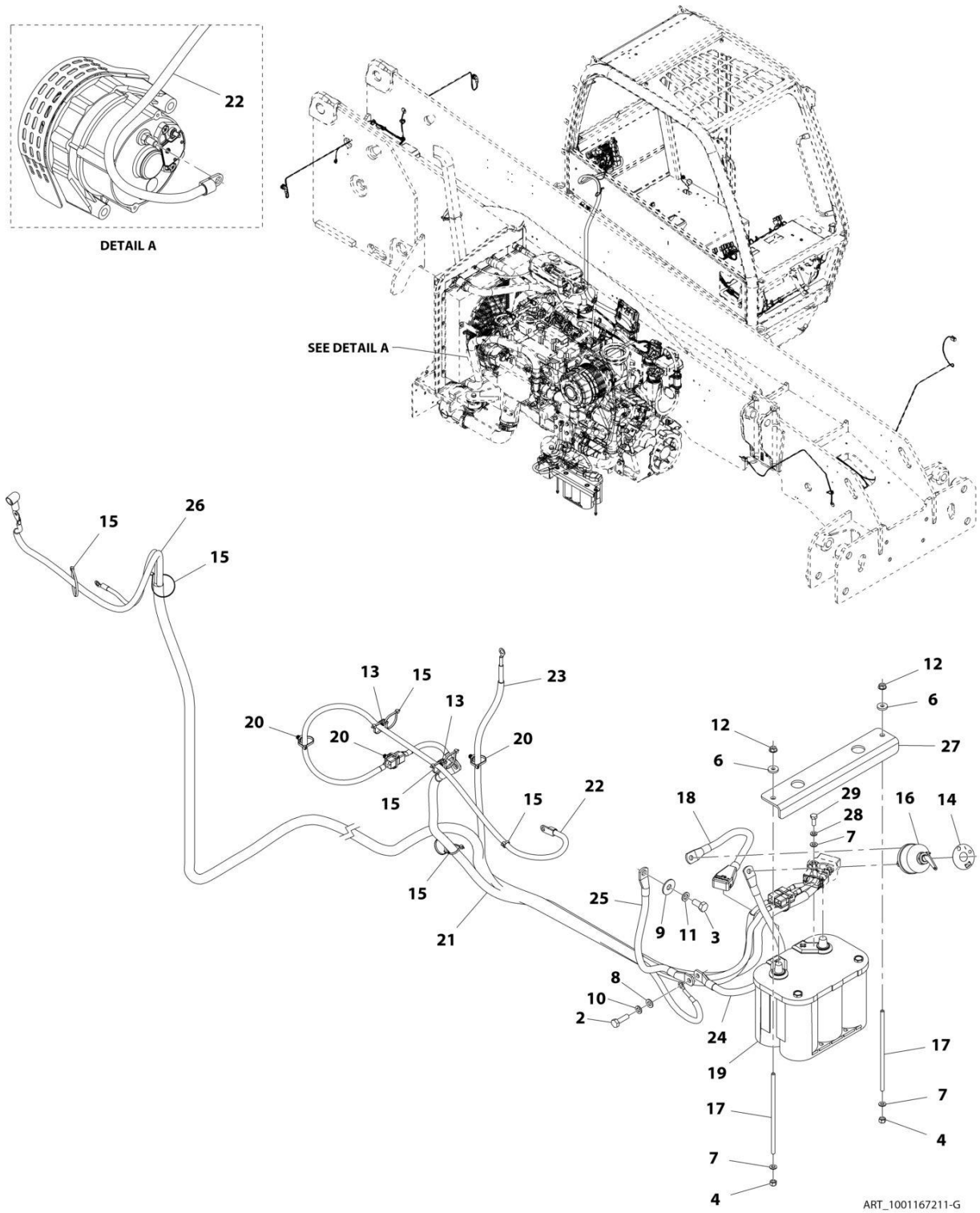
**FIGURE 10-6. BATTERY INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 10-6. BATTERY INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239516 | Ref | Battery Installation | D |
| 1 | 0761012 | 1 | Bolt, M10X25 | |
| 2 | 0761212 | 1 | Bolt, M12X25 | |
| 3 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 5 | 0760810 | 1 | Bolt, M8X20 | |
| 6 | 4812000 | 1 | Washer, M10 | |
| 8 | 4812102 | 1 | Washer, M12 | |
| 9 | 4832100 | 1 | Washer, Lock 12 | |
| 10 | 4831900 | 1 | Washer, Lock 8 | |
| 11 | 4811900 | 3 | Washer, M8 | |
| 12 | 5220800 | 2 | Nut, Ripp 8 | |
| 13 | 1001004723 | 3 | Saddle | |
| 14 | 1001008540 | 1 | Plate | |
| 15 | 1001008559 | 11 | Strap, Cable | |
| 16 | 1001009339 | 1 | Battery | |
| 17 | 1001099701 | 2 | Rod, M8X1.25 | |
| 18 | 1001121265 | 1 | Cable, Battery, Negative to Isolator | |
| 19 | 1001146588 | 4 | Strap, Cable | |
| 20 | 1001147793 | 1 | Cable, Battery, Positive to Starter | |
| 21 | 1001248379 | 1 | Cable, Alternator to Starter | |
| 22 | 1001248380 | 1 | Cable, Glow Plug Power | |
| 23 | 1001147796 | 1 | Cable, Isolator to Frame | |
| 24 | 1001147797 | 1 | Cable, Frame to Engine | |
| 25 | 1001166851 | 1 | Bracket, Battery Clamp | |
| 26 | 1001192142 | 1 | Switch, Disconnect | |
| 27 | 1001239533 | 1 | Harness, Cab Power | |
| 28 | 4832000 | 1 | Washer, Lock 10 | |
| 29 | 5240800 | 2 | Washer, M8 | |

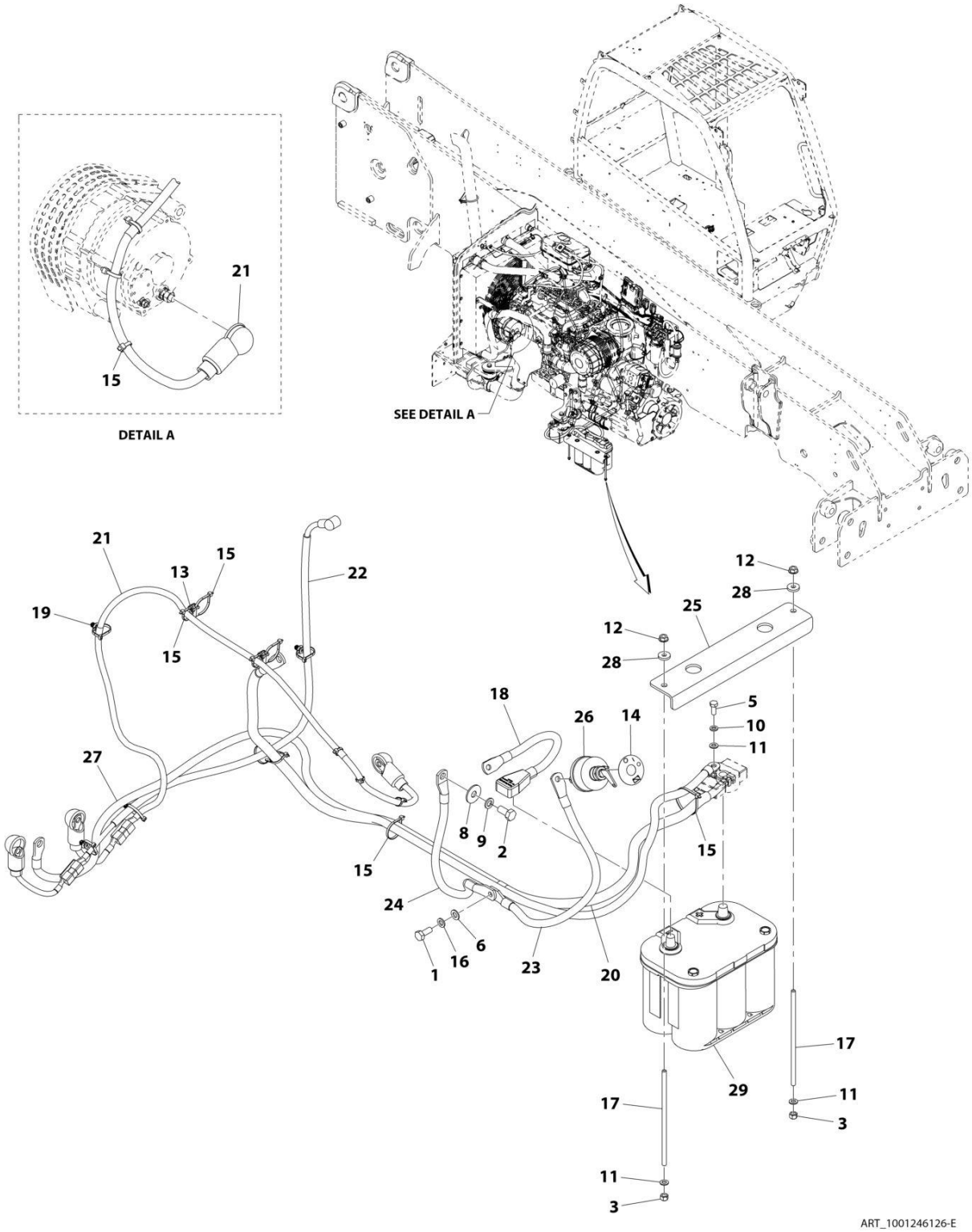
## FIGURE 10-7. BATTERY INSTALLATION - ARCTIC (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 10-7. BATTERY INSTALLATION - ARCTIC (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001167211 | Ref | Battery Installation - ARCTIC | G |
| 2 | 0761015 | 1 | Bolt, M10X35 | |
| 3 | 0761212 | 1 | Bolt, M12X25 | |
| 4 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 6 | 5240800 | 2 | Washer, M8 | |
| 7 | 4811900 | 3 | Washer, M8 | |
| 8 | 4812000 | 1 | Washer, M10 | |
| 9 | 4812102 | 1 | Washer, M12 | |
| 10 | 4832000 | 1 | Washer, Lock 10 | |
| 11 | 4832100 | 1 | Washer, Lock 12 | |
| 12 | 5220800 | 2 | Nut, Ripp 8 | |
| 13 | 1001004723 | 3 | Saddle | |
| 14 | 1001008540 | 1 | Plate | |
| 15 | 1001008559 | 11 | Strap, Cable | |
| 16 | 1001192142 | 1 | Switch, Disconnect | |
| 17 | 1001167261 | 2 | Rod | |
| 18 | 1001121265 | 1 | Cable, Battery, Negative to Isolator | |
| 19 | 1001167212 | 1 | Battery | |
| 20 | 1001146588 | 3 | Strap, Cable | |
| 21 | 1001147793 | 1 | Cable, Battery, Positive to Starter | |
| 22 | 1001147794 | 1 | Cable, Alternator to Starter | |
| 23 | 1001147795 | 1 | Cable, Glow Plug Power | |
| 24 | 1001147796 | 1 | Cable, Isolator to Frame | |
| 25 | 1001147797 | 1 | Cable, Frame to Engine | |
| 26 | 1001147800 | 1 | Harness, Cab Power (See CAB POWER HARNESS for Breakdown) | |
| 27 | 1001167257 | 1 | Bracket, Battery Clamp | |
| 28 | 4831900 | 1 | Washer, Lock 8 | |
| 29 | 0760810 | 1 | Bolt, M8X20 | |

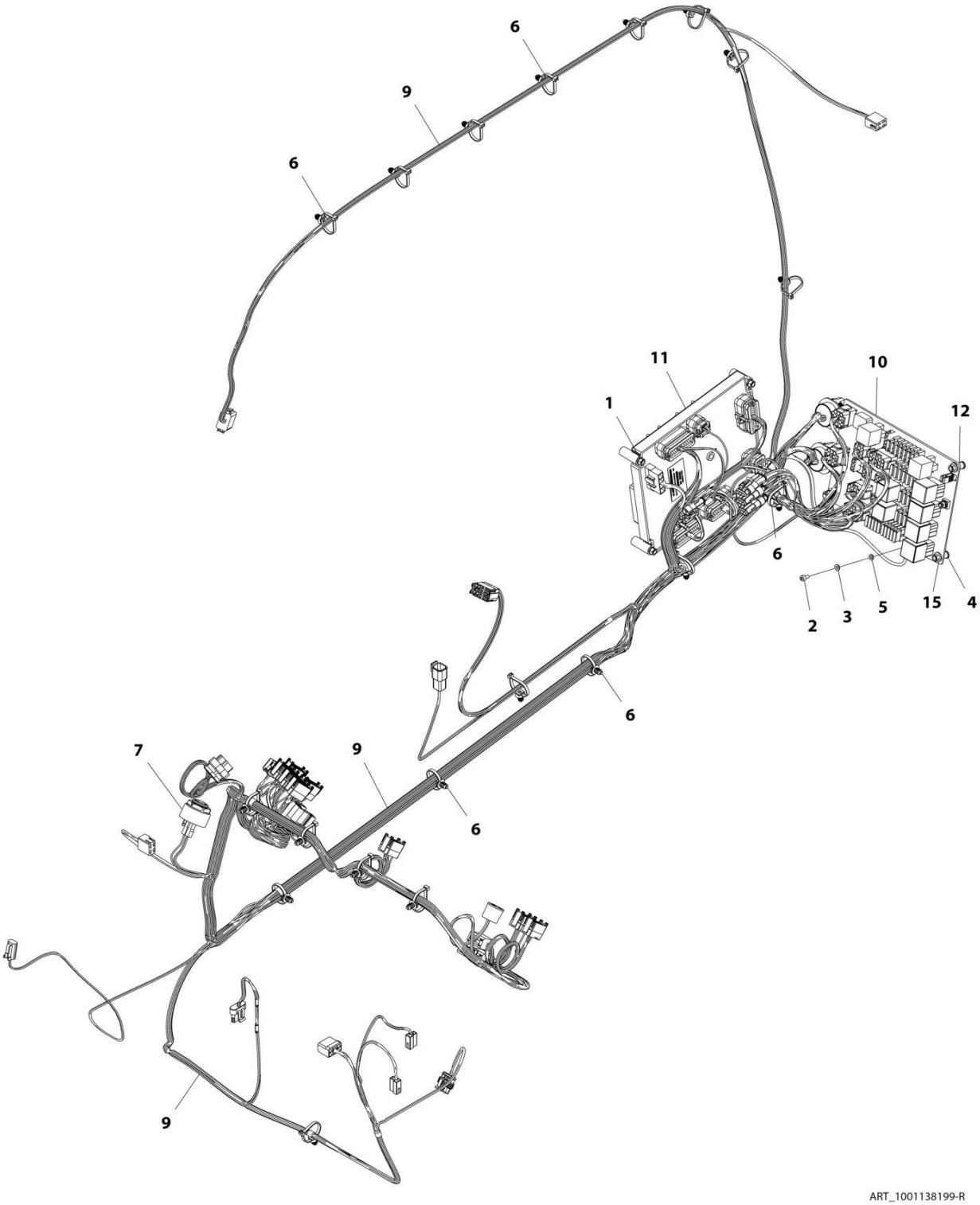
## FIGURE 10-8. BATTERY INSTALLATION - ARCTIC (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



## FIGURE 10-8. BATTERY INSTALLATION - ARCTIC (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001246126 | Ref | Battery Installation - ARCTIC | E |
| 1 | 0761012 | 1 | Bolt, M10X25 | |
| 2 | 0761212 | 1 | Bolt, M12X25 | |
| 3 | 3290805 | 2 | Nut, M8X1.25 | |
| 5 | 0760810 | 1 | Bolt, M8X20 | |
| 6 | 4812000 | 1 | Washer, M10 | |
| 8 | 4812102 | 1 | Washer, M12 | |
| 9 | 4832100 | 1 | Washer, Lock 12 | |
| 10 | 4831900 | 1 | Washer, Lock 8 | |
| 11 | 4811900 | 3 | Washer, M8 | |
| 12 | 5220800 | 2 | Nut, Ripp 8 | |
| 13 | 1001004723 | 3 | Saddle | |
| 14 | 1001008540 | 1 | Plate | |
| 15 | 1001008559 | 12 | Strap, Cable | |
| 16 | 4832000 | 1 | Washer M10 | |
| 17 | 1001167261 | 2 | Rod, M8X1.25 | |
| 18 | 1001121265 | 1 | Cable, Battery, Negative to Isolator | |
| 19 | 1001146588 | 4 | Strap, Cable | |
| 20 | 1001147793 | 1 | Cable, Battery, Positive to Starter | |
| 21 | 1001248379 | 1 | Cable, Alternator to Starter | |
| 22 | 1001248380 | 1 | Cable, Glow Plug Power | |
| 23 | 1001147796 | 1 | Cable, Isolator to Frame | |
| 24 | 1001147797 | 1 | Cable, Frame to Engine | |
| 25 | 1001167257 | 1 | Bracket, Battery Clamp | |
| 26 | 1001192142 | 1 | Switch, Disconnect | |
| 27 | 1001239533 | 1 | Harness, Cab Power | |
| 28 | 4740557 | 2 | Washer, M8 | |
| 29 | 1001167212 | 1 | Battery | |

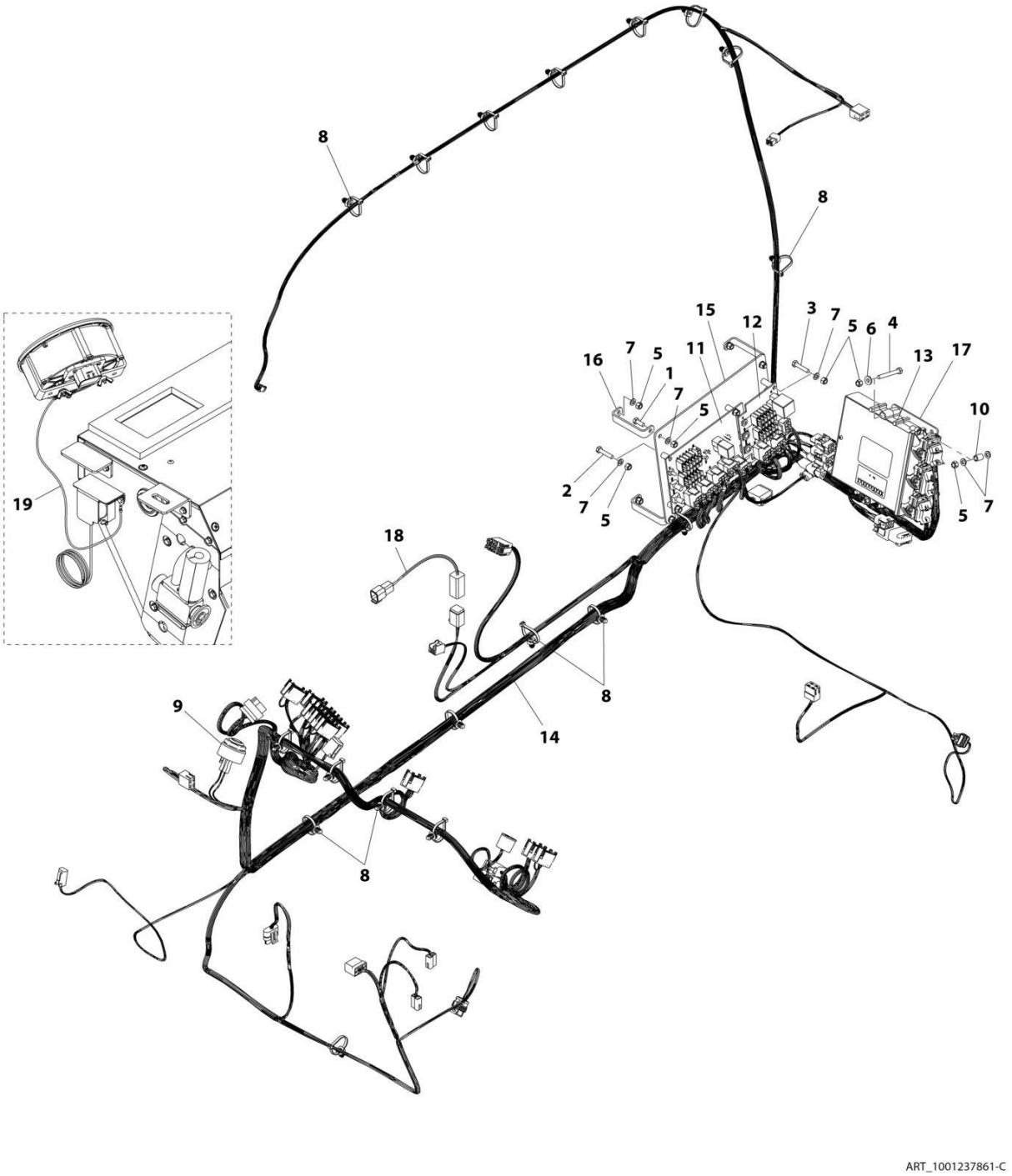
**FIGURE 10-9. CAB ELECTRICAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-9. CAB ELECTRICAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001138199 | Ref | Cab Electrical Installation | R |
| 1 | 3290605 | 6 | Nut, Lock M6X1 | |
| 2 | 4031605 | 1 | Bolt, M5X10 | |
| 3 | 4811600 | 1 | Washer, M5 | |
| 4 | 4811700 | 6 | Washer, M6 | |
| 5 | 4831600 | 1 | Washer, Lock 5 | |
| 6 | 1001004720 | 19 | Strap, Cable | |
| 7 | 1001091751 | 1 | Alarm, Buzzer | |
| 9 | 1001143948 | 1 | Harness, Cab (See CAB HARNESS for Breakdown) **(SN 1160007024 through 1160007232, Excluding 1160007172, 1160007176, 1160007198 and 1160007201)** | |
| 9 | 1001172542 | 1 | Harness, Cab (See CAB HARNESS for Breakdown) **(SN 1160007232 through 1160008790, Including 1160007172, 1160007176, 1160007198 and 1160007201)** | |
| 10 | 1001146507 | Ref | Assembly, PCB Electrical (See PCB ELECTRICAL ASSEMBLY for Breakdown) | |
| 11 | 1001146681 | 1 | Control, UGM (See UGM CONTROL for Breakdown) | |
| 12 | 1001150278 | 2 | Mount, Spacer M6X15 | |
| 15 | 4740563 | 2 | Washer | |

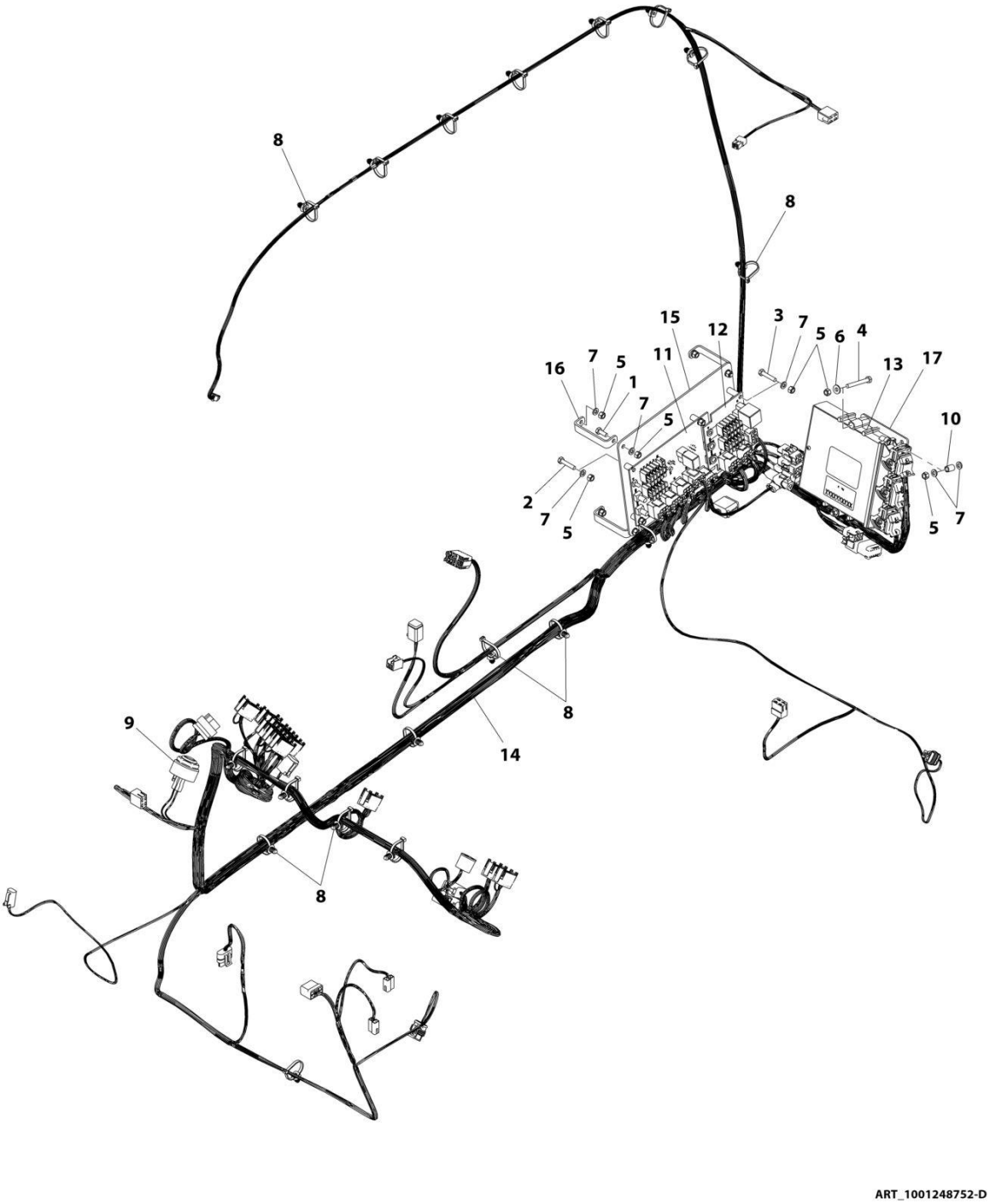
**FIGURE 10-10. CAB ELECTRICAL INSTALLATION (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 10-10. CAB ELECTRICAL INSTALLATION (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237861 | Ref | Cab Electrical Installation | C |
| 1 | 0700608 | 4 | Bolt, M6X16 | |
| 2 | 0700614 | 4 | Bolt, M6X30 | |
| 3 | 0700616 | 2 | Bolt, M6X40 | |
| 4 | 0760618 | 2 | Bolt, M6X50 | |
| 5 | 3290605 | 18 | Nut, Lock M6X1 | |
| 6 | 4740563 | 2 | Washer | |
| 7 | 4811700 | 18 | Washer, M6 | |
| 8 | 1001004720 | 19 | Strap, Cable | |
| 9 | 1001091751 | 1 | Alarm, Buzzer | |
| 10 | 1001150278 | 2 | Mount, Spacer M6X15 | |
| 11 | 1001161769 | 1 | Assembly, Standard Board | |
| 12 | 1001161770 | 1 | Assembly, OPTI Board | |
| 13 | 1001209578 | 1 | Control, TMH Cab Module | |
| 14 | 1001237509 | 1 | Harness, Cab Roadrunner (See Separate Breakdown in this Section) | |
| 15 | 1001237792 | 1 | Plate | |
| 16 | 1001237793 | 4 | Plate | |
| 17 | 1001237794 | 1 | Plate | |
| 18 | 1001245322 | 1 | Harness, Joystick Jumper (See Separate Breakdown in this Section) | |
| 19 | 1001247418 | 1 | Wire, Gauge Case | |

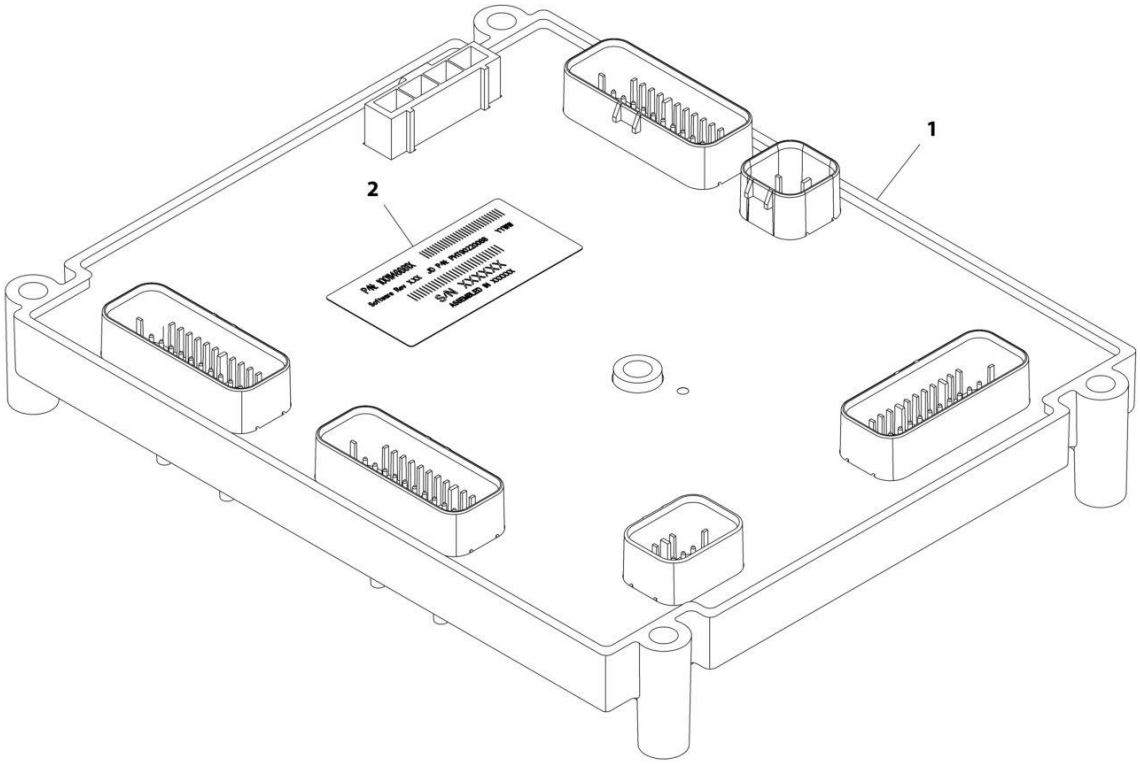
**FIGURE 10-11. CAB ELECTRICAL INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



## FIGURE 10-11. CAB ELECTRICAL INSTALLATION (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248752 | Ref | Cab Electrical Installation | D |
| 1 | 0700608 | 4 | Bolt, M6X16 | |
| 2 | 0700614 | 4 | Bolt, M6X30 | |
| 3 | 0700616 | 2 | Bolt, M6X40 | |
| 4 | 0760618 | 2 | Bolt, M6X50 | |
| 5 | 3290605 | 18 | Nut, Lock M6X1 | |
| 6 | 4740563 | 2 | Washer | |
| 7 | 4811700 | 18 | Washer, M6 | |
| 8 | 1001004720 | 19 | Strap, Cable | |
| 9 | 1001091751 | 1 | Alarm, Buzzer | |
| 10 | 1001150278 | 2 | Mount, Spacer M6X15 | |
| 11 | 1001161769 | 1 | Assembly, Standard Board | |
| 12 | 1001161770 | 1 | Assembly, OPTI Board | |
| 13 | 1001209578 | 1 | Control, TMH Cab Module | |
| 14 | 1001248005 | 1 | Harness, Cab Roadrunner (See Separate Breakdown in this Section) | |
| 15 | 1001249047 | 1 | Plate | |
| 16 | 1001237793 | 4 | Plate | |
| 17 | 1001237794 | 1 | Plate | |

## FIGURE 10-12. UGM CONTROL

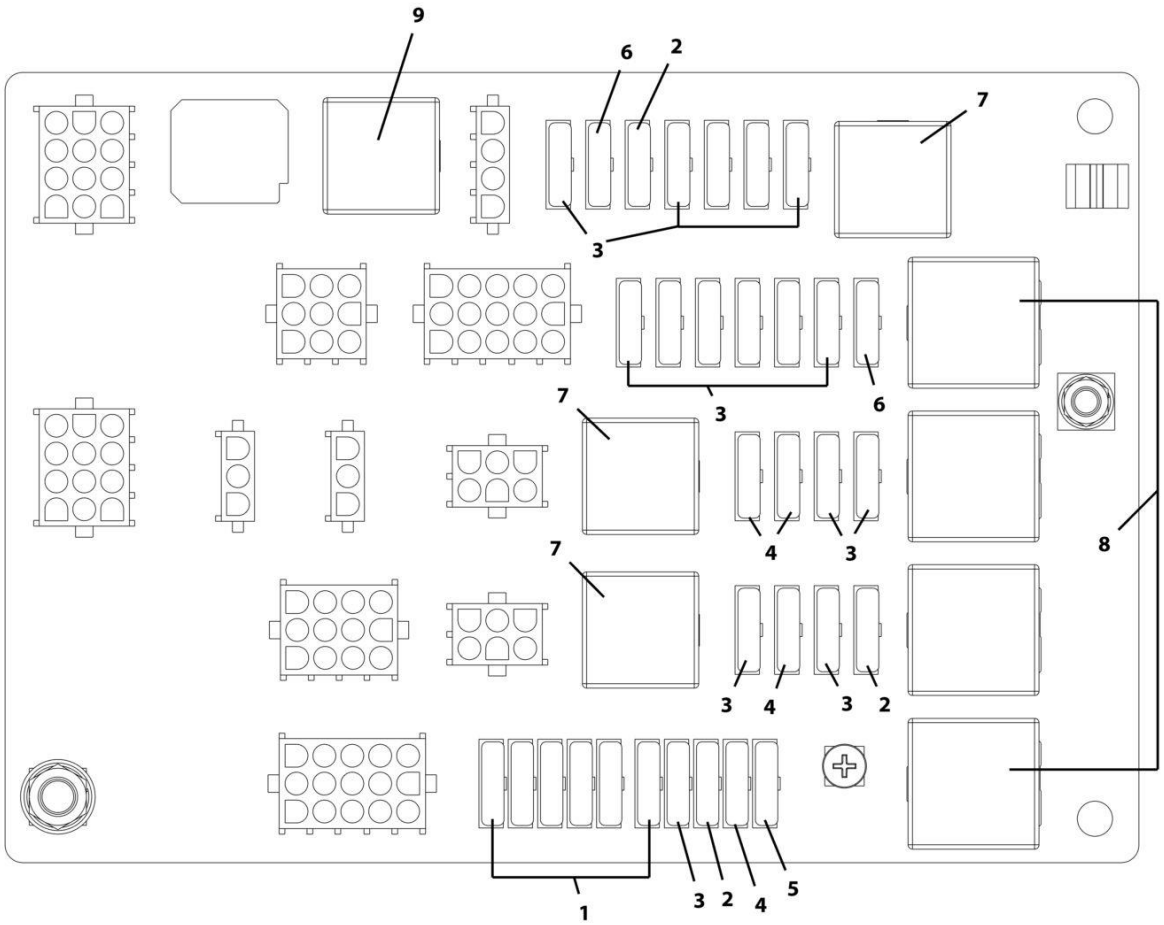



ART_1001146681-M

## FIGURE 10-12. UGM CONTROL

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146681 | Ref | UGM Control | M |
| 1 | 1001146682 | 1 | PC Board, UGM (See PC BOARD for Breakdown) | |
| 2 | 1001147338 | 1 | Decal, UGM | |
| 3 | 1001147339 | 1 | Software, UGM (not shown) | |

**FIGURE 10-13. PCB ELECTRICAL ASSEMBLY**

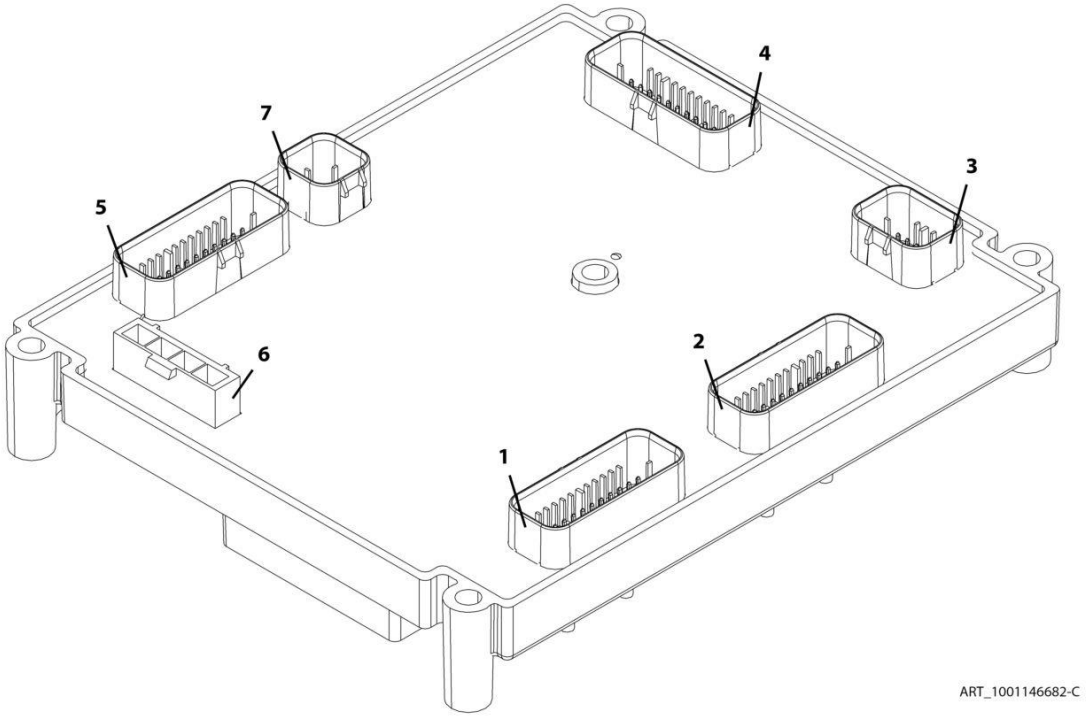



ART_1001146507-D

## FIGURE 10-13. PCB ELECTRICAL ASSEMBLY

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146507 | Ref | PCB Electrical Assembly | D |
| 1 | 8229233 | 6 | Fuse, ATO, 7.5 Amp | |
| 2 | 8229234 | 3 | Fuse, ATO, 10 Amp | |
| 3 | 8229237 | 16 | Fuse, ATO, 15 Amp | |
| 4 | 8229235 | 4 | Fuse, ATO, 20 Amp | |
| 5 | 8229262 | 1 | Fuse, ATO, 25 Amp | |
| 6 | 8229236 | 2 | Fuse, ATO, 30 Amp | |
| 7 | 8225119 | 3 | Relay, Mini | |
| 8 | 1001175594 | 4 | Relay, Maxi | |
| 9 | 1001175595 | 1 | Relay, Flasher | |

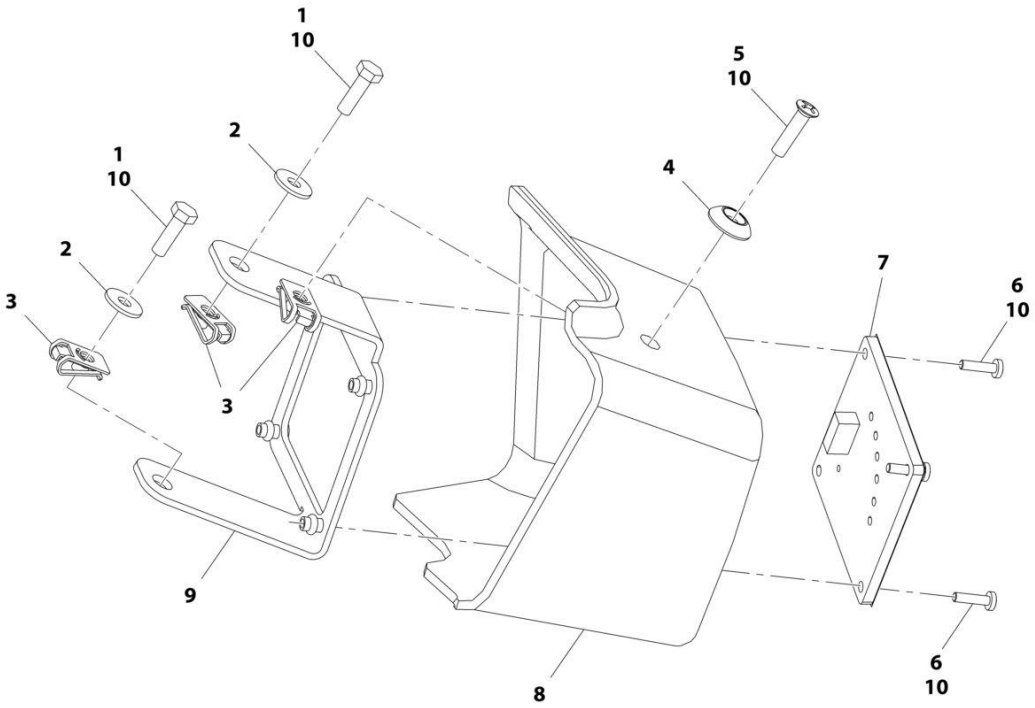
**FIGURE 10-14. PC BOARD**



## FIGURE 10-14. PC BOARD

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146682 | Ref | PC Board | C |
| 1 | 4460871 | 1 | Contact | |
| | 4460905 | 1 | Plug | |
| 2 | 4460871 | 1 | Contact | |
| | 4460905 | 1 | Plug | |
| 3 | 4460871 | 1 | Contact | |
| | 4460905 | 1 | Plug | |
| 4 | 4460871 | 1 | Contact | |
| | 4460905 | 1 | Plug | |
| 5 | 4460871 | 1 | Contact | |
| | 4460905 | 1 | Plug | |
| 6 | 4460887 | 1 | Contact | |
| 7 | 4460871 | 1 | Contact | |
| | 4460905 | 1 | Plug | |

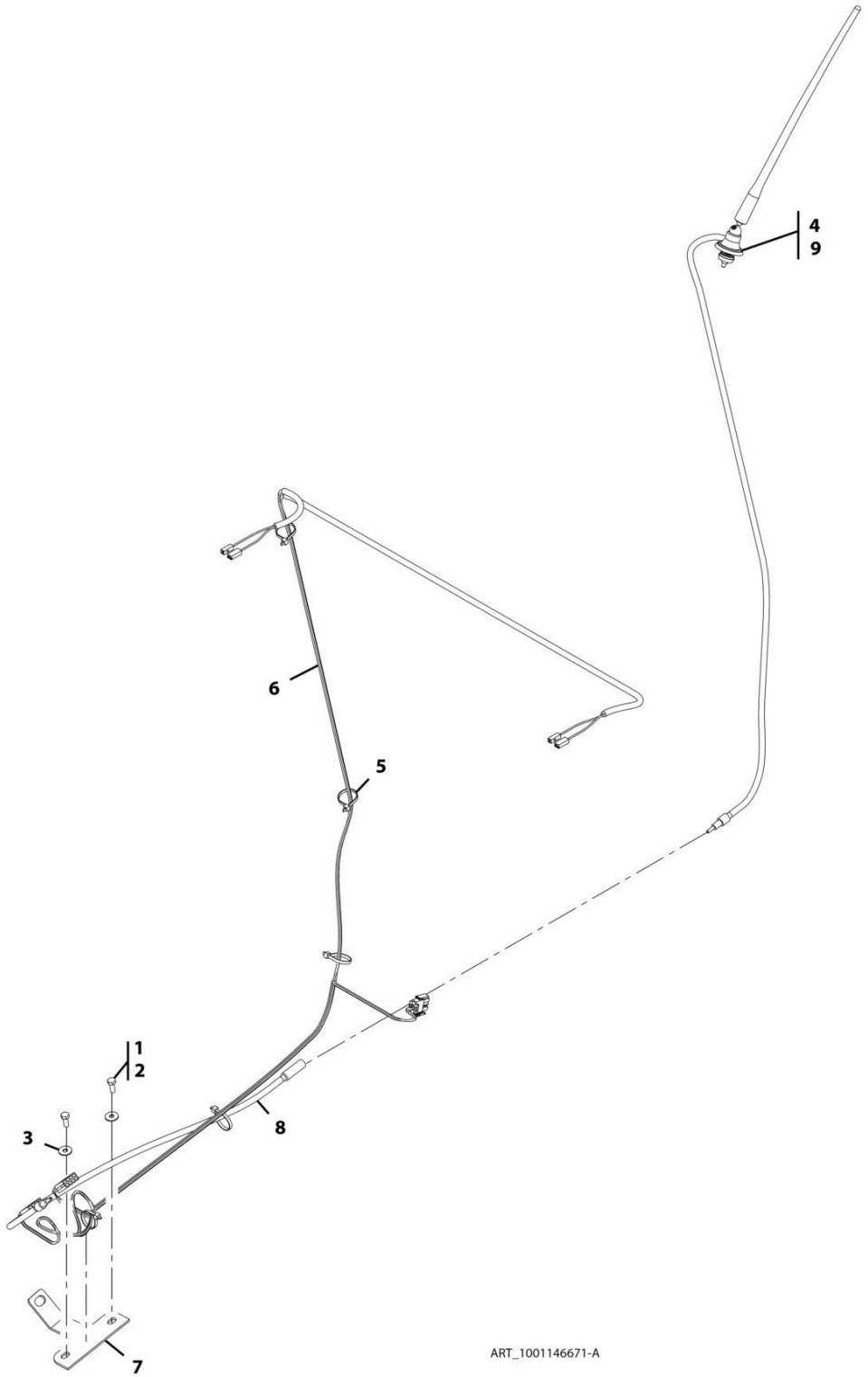
## FIGURE 10-15. LSI INSTALLATION



## FIGURE 10-15. LSI INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145867 | Ref | LSI Installation | I |
| 1 | 0760610 | 2 | Bolt, M6X20 | |
| 2 | 4811702 | 2 | Washer, M6 | |
| 3 | 8305919 | 3 | Nut, Retainer M6X1 | |
| 4 | 1001098150 | 1 | Washer, M6 | |
| 5 | 1001098151 | 1 | Screw, M6X25 | |
| 6 | 1001126837 | 4 | Screw, M4X16 | |
| 7 | 1001192979 | 1 | LSI Display Electrical Assembly **(SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)** | |
| | 4460931 | 1 | Connector | |
| | 80604024 | 1 | Lock, Wedge | |
| | 4460464 | 1 | Terminal | |
| 7 | 1001243216 | 1 | LSI Display Electrical Assembly **(SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)** | |
| 8 | 1001185733 | 1 | Cover, LSI External | |
| 9 | 1001145869 | 1 | Bracket, LSI Display Support | |
| 10 | 1001095650 | AR | Compound, Locking | |

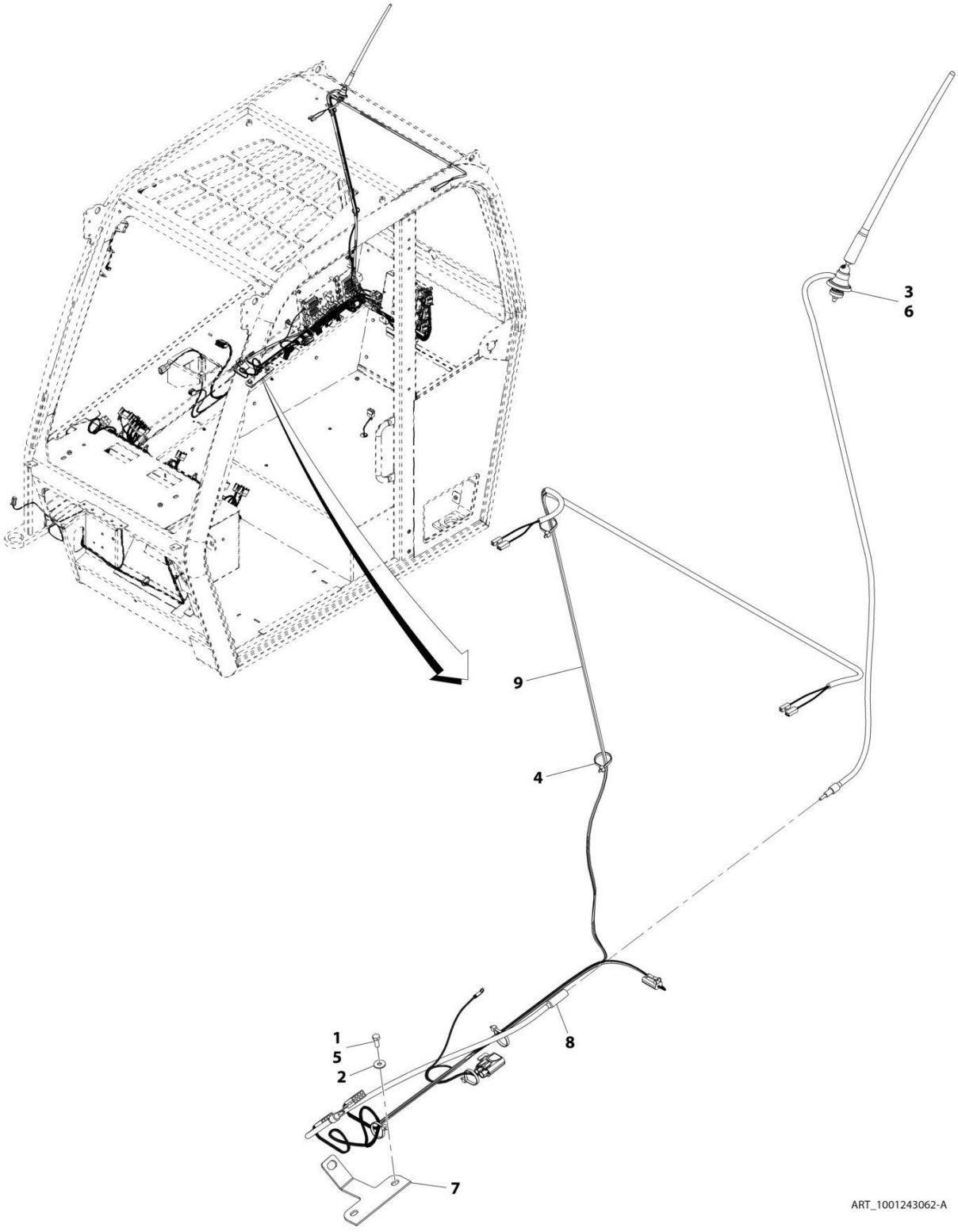
**FIGURE 10-16. RADIO INSTALLATION (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**



## FIGURE 10-16. RADIO INSTALLATION (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146671 | Ref | Radio Installation | A |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760608 | 2 | Bolt, M6X16 | |
| 3 | 4811702 | 2 | Washer, M6 | |
| 4 | 8005901 | 1 | Antenna | |
| 5 | 1001008559 | 5 | Strap, Cable | |
| 6 | 1001146672 | 1 | Harness, Radio (See RADIO HARNESS for Breakdown) | |
| 7 | 1001148596 | 1 | Plate, Support | |
| 8 | 1001152010 | 1 | Cable, Antenna | |
| 9 | 1001116128 | AR | Sealant, Polysiloxane | |

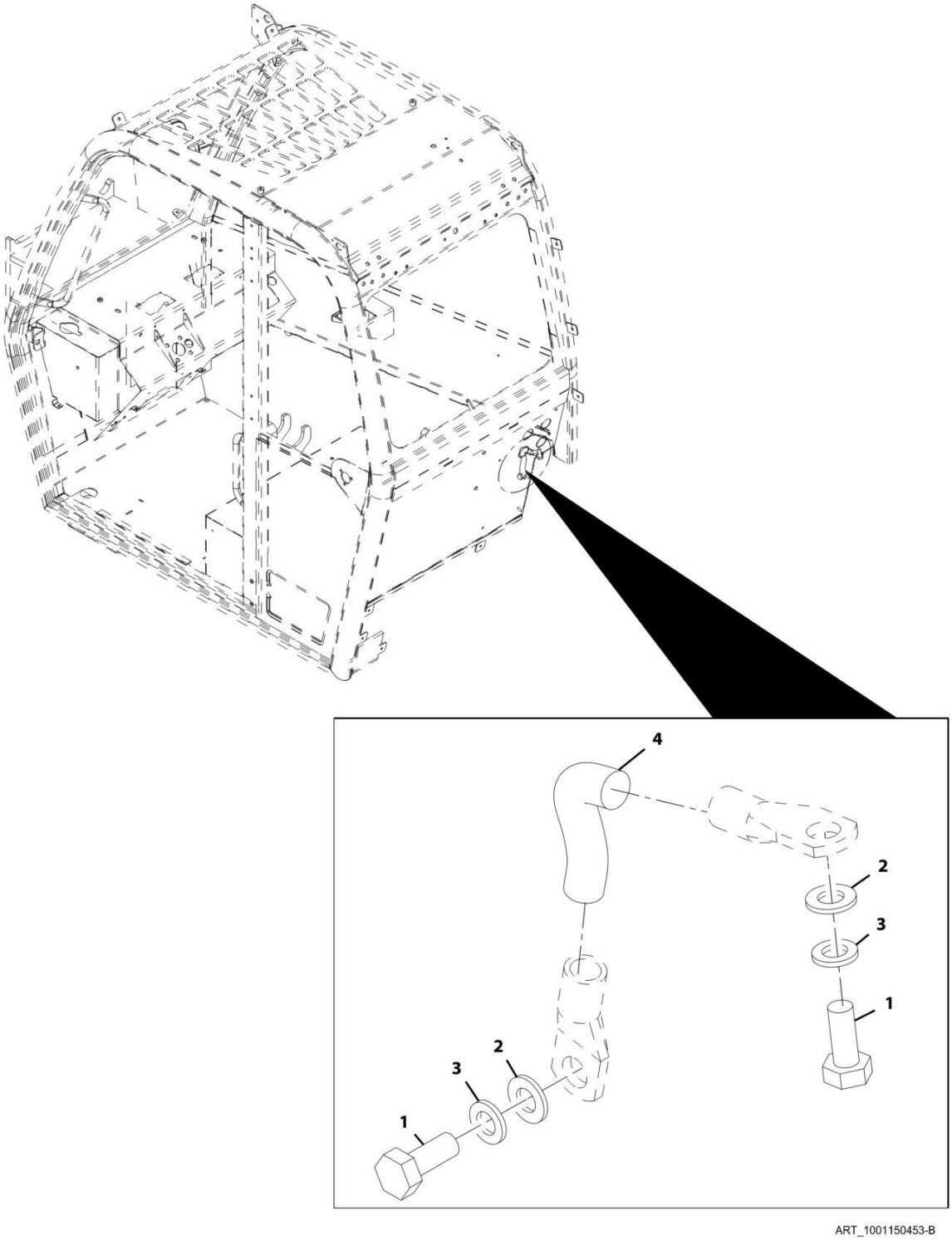
**FIGURE 10-17. RADIO INSTALLATION (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**



## FIGURE 10-17. RADIO INSTALLATION (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243062 | Ref | Radio Installation | A |
| 1 | 0760608 | 2 | Bolt, M6X16 | |
| 2 | 4811702 | 2 | Washer, M6 | |
| 3 | 8005901 | 1 | Antenna | |
| 4 | 1001008559 | 5 | Strap, Cable | |
| 5 | 1001095650 | AR | Compound, Locking | |
| 6 | 1001116128 | AR | Sealant, Polysiloxane | |
| 7 | 1001148596 | 1 | Plate, Support | |
| 8 | 1001152010 | 1 | Cable, Antenna | |
| 9 | 1001243059 | 1 | Harness, Radio (See Separate Breakdown in this Section) | |

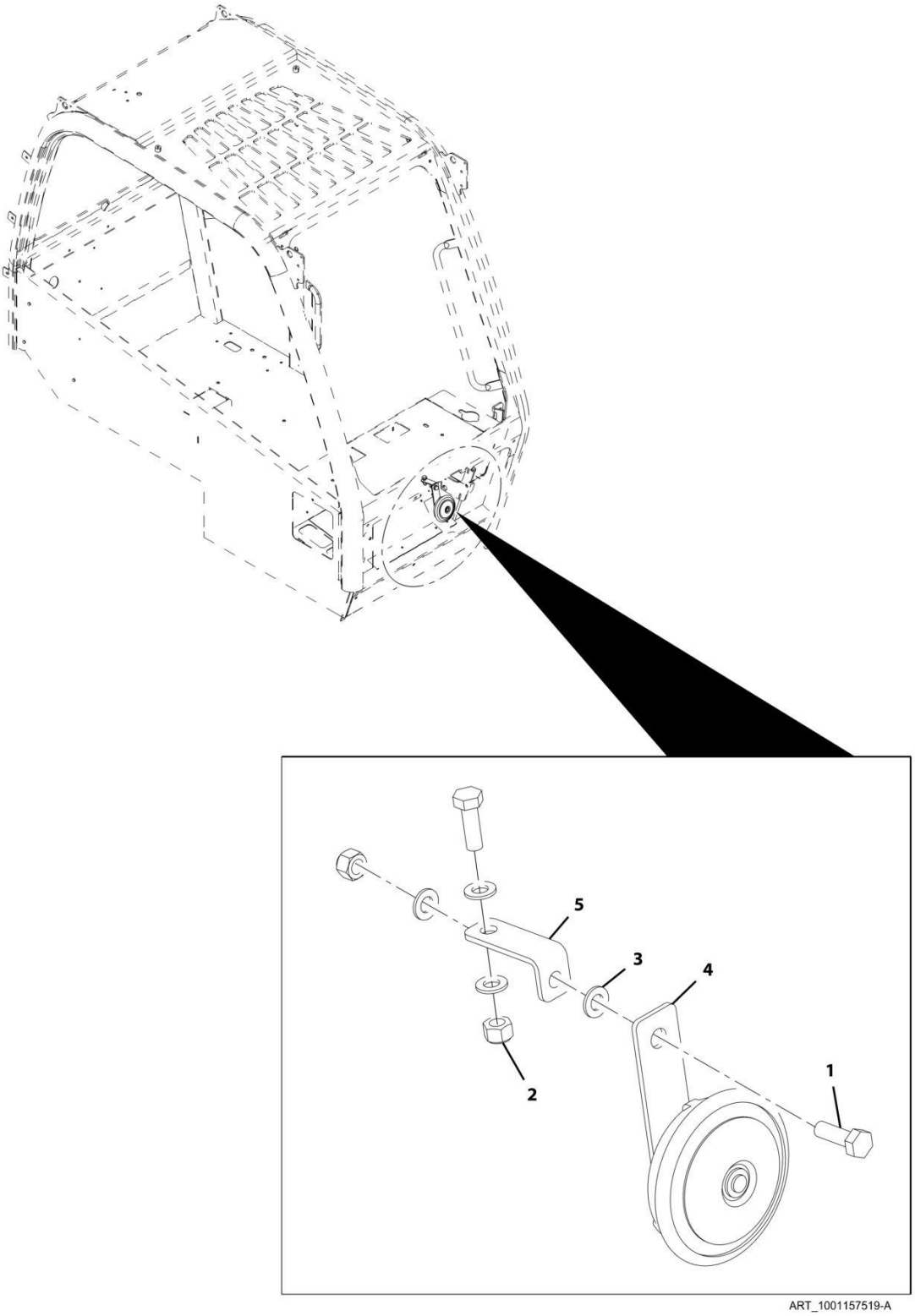
**FIGURE 10-18. CAB EARTH INSTALLATION**



## FIGURE 10-18. CAB EARTH INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001150453 | Ref | Cab Earth Installation | B |
| 1 | 0761012 | 2 | Bolt, M10X25 | |
| 2 | 4812000 | 2 | Washer, M10 | |
| 3 | 4832000 | 2 | Washer, Lock 10 | |
| 4 | 1001009038 | 1 | Cable, Cab Earth | |

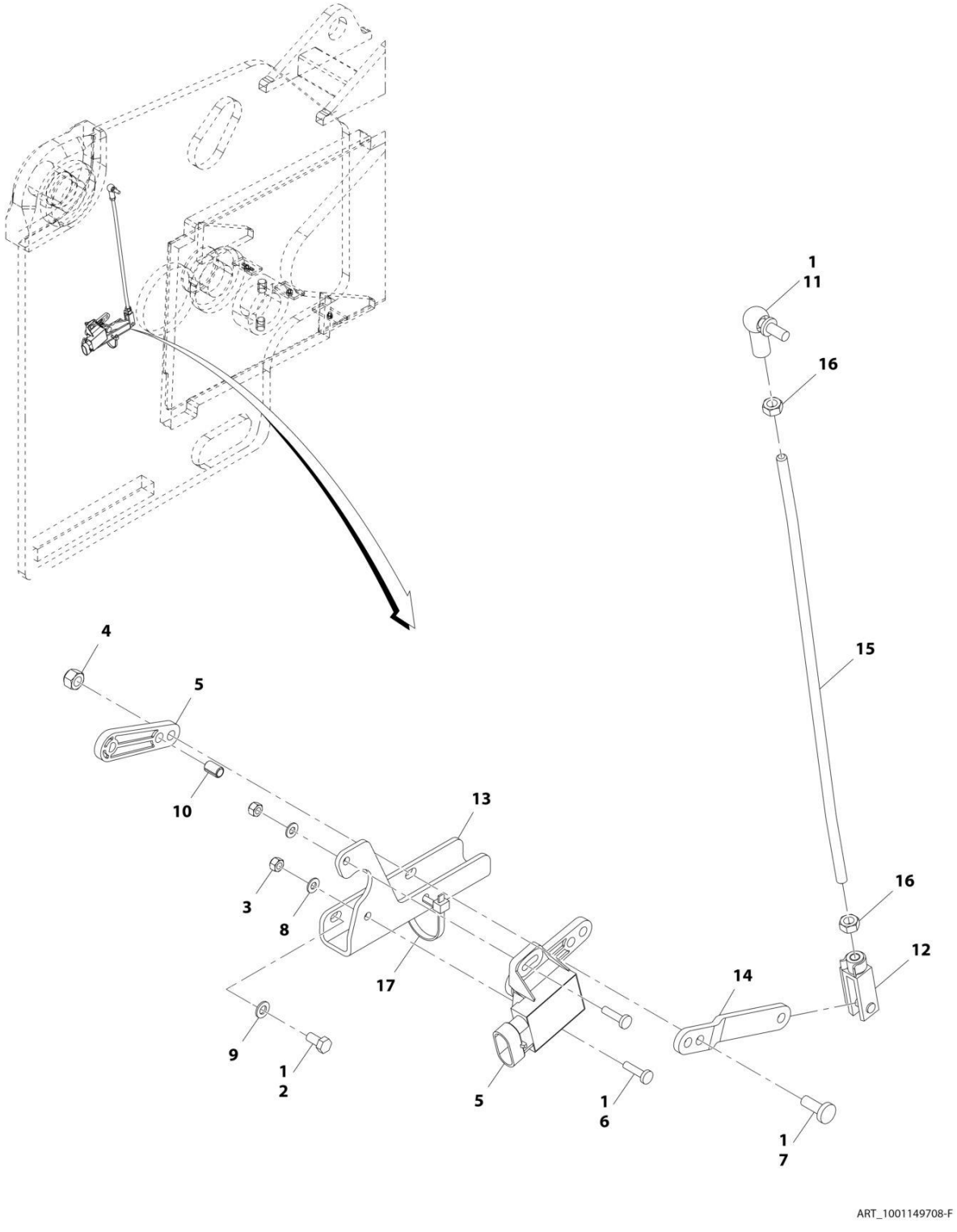
**FIGURE 10-19. HORN INSTALLATION**



## FIGURE 10-19. HORN INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001157519 | Ref | Horn Installation | A |
| 1 | 0760812 | 2 | Bolt, M8X25 | |
| 2 | 3290805 | 2 | Nut, Lock M8X1.25 | |
| 3 | 4811900 | 4 | Washer, M8 | |
| 4 | 1001003596 | 1 | Horn | |
| 5 | 1001104437 | 1 | Bracket, Horn Mount | |

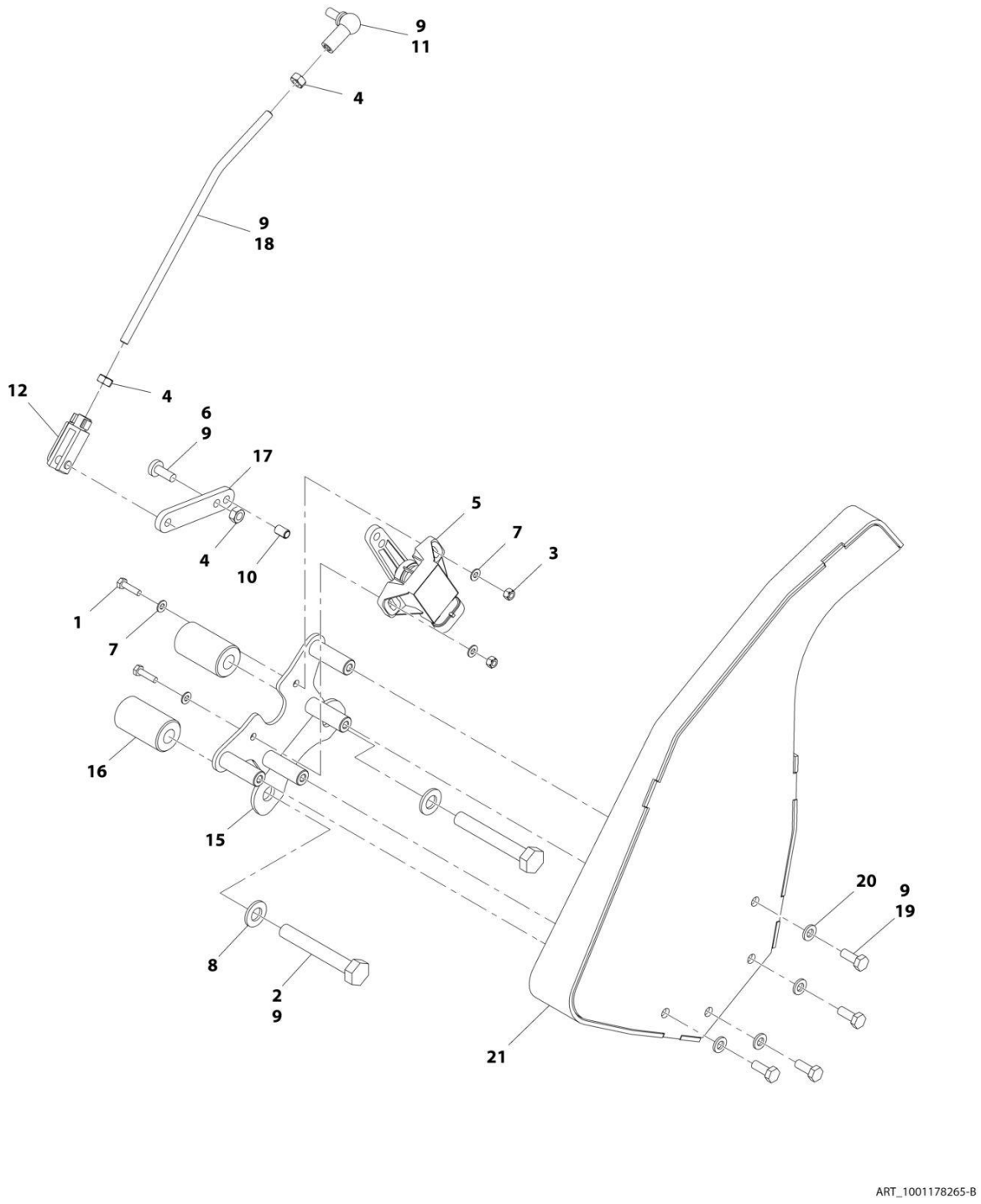
**FIGURE 10-20. BOOM ANGLE SENSOR INSTALLATION - 3614RS (SN 1160007024 through 1160007423, Including 1160007354, 1160007357 and 1160007359)**



## FIGURE 10-20. BOOM ANGLE SENSOR INSTALLATION - 3614RS (SN 1160007024 through 1160007423, Including 1160007354, 1160007357 and 1160007359)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001149708 | Ref | Boom Angle Sensor Installation - 3614RS **(Including 1160007354, 1160007357 and 1160007359)** | F |
| 1 | 1001095650 | AR | Compound, Locking | |
| 2 | 0760505 | 2 | Bolt, M5X10 | |
| 3 | 3290405 | 2 | Nut, Lock M4X0.7 | |
| 4 | 3290605 | 1 | Nut, Lock M6X1 | |
| 5 | 4000015 | 1 | Sensor, Angle | |
| 6 | 4010408 | 2 | Screw, M4X16 | |
| 7 | 4010608 | 1 | Screw, M6X16 | |
| 8 | 4811400 | 2 | Washer, M4 | |
| 9 | 4811600 | 2 | Washer, M5 | |
| 10 | 1001103156 | 1 | Pin, Roll M6.4X10 | |
| 11 | 1001103300 | 1 | Ball Joint, M6X25 | |
| 12 | 1001134274 | 1 | Clevis | |
| 13 | 1001172019 | 1 | Bracket, Angle Sensor | |
| 14 | 1001172482 | 1 | Bracket, Angle Sensor Arm | |
| 15 | 1001172483 | 1 | Rod, Angle Sensor Actuator | |
| 16 | 3290601 | 2 | Nut, M6X1 | |
| 17 | 1001008559 | 1 | Strap, Cable | |

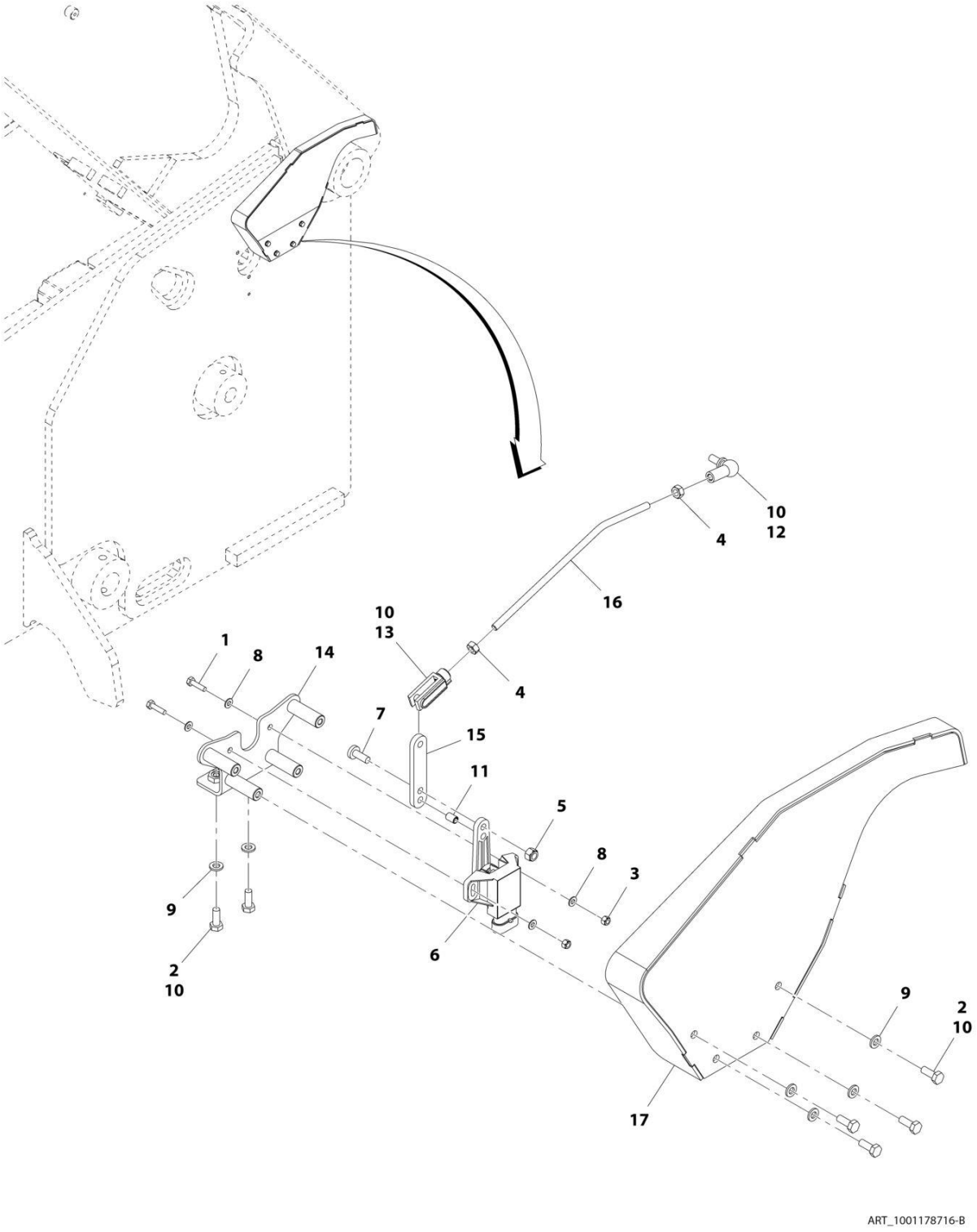
## FIGURE 10-21. BOOM ANGLE SENSOR INSTALLATION - 3614RS (SN 1160007423 through 1160008790, Excluding 1160007354, 1160007357 and 1160007459)



## FIGURE 10-21. BOOM ANGLE SENSOR INSTALLATION - 3614RS (SN 1160007423 through 1160008790, Excluding 1160007354, 1160007357 and 1160007459)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178265 | Ref | Boom Angle Sensor Installation - 3614RS **(Excluding 1160007354, 1160007357 and 1160007459)** | B |
| 1 | 0700408 | 2 | Bolt, M4X16 | |
| 2 | 0701022 | 2 | Bolt, M10X70 | |
| 3 | 3290405 | 2 | Nut, Lock M4X0.7 | |
| 4 | 3290601 | 3 | Nut, M6X1 | |
| 5 | 4000015 | 1 | Sensor, Angle | |
| 6 | 4010608 | 1 | Screw, M6X16 | |
| 7 | 4811400 | 4 | Washer, M4 | |
| 8 | 4812000 | 2 | Washer, M10 | |
| 9 | 1001095650 | AR | Compound, Locking | |
| 10 | 1001103156 | 1 | Pin, Roll M6.4X10 | |
| 11 | 1001103300 | 1 | Ball Joint, M6X25 | |
| 12 | 1001134274 | 1 | Clevis | |
| 15 | 1001182321 | 1 | Bracket, Angle Sensor | |
| 16 | 1001166513 | 2 | Shim, Boom Angle Sensor | |
| 17 | 1001172744 | 1 | Plate, Angle Sensor | |
| 18 | 1001178522 | 1 | Rod, Boom Angle Sensor | |
| 19 | 0760608 | 4 | Bolt, M6X16 | |
| 20 | 4811700 | 4 | Washer, M6 | |
| 21 | 1001182185 | 1 | Shield, Angle sensor | |

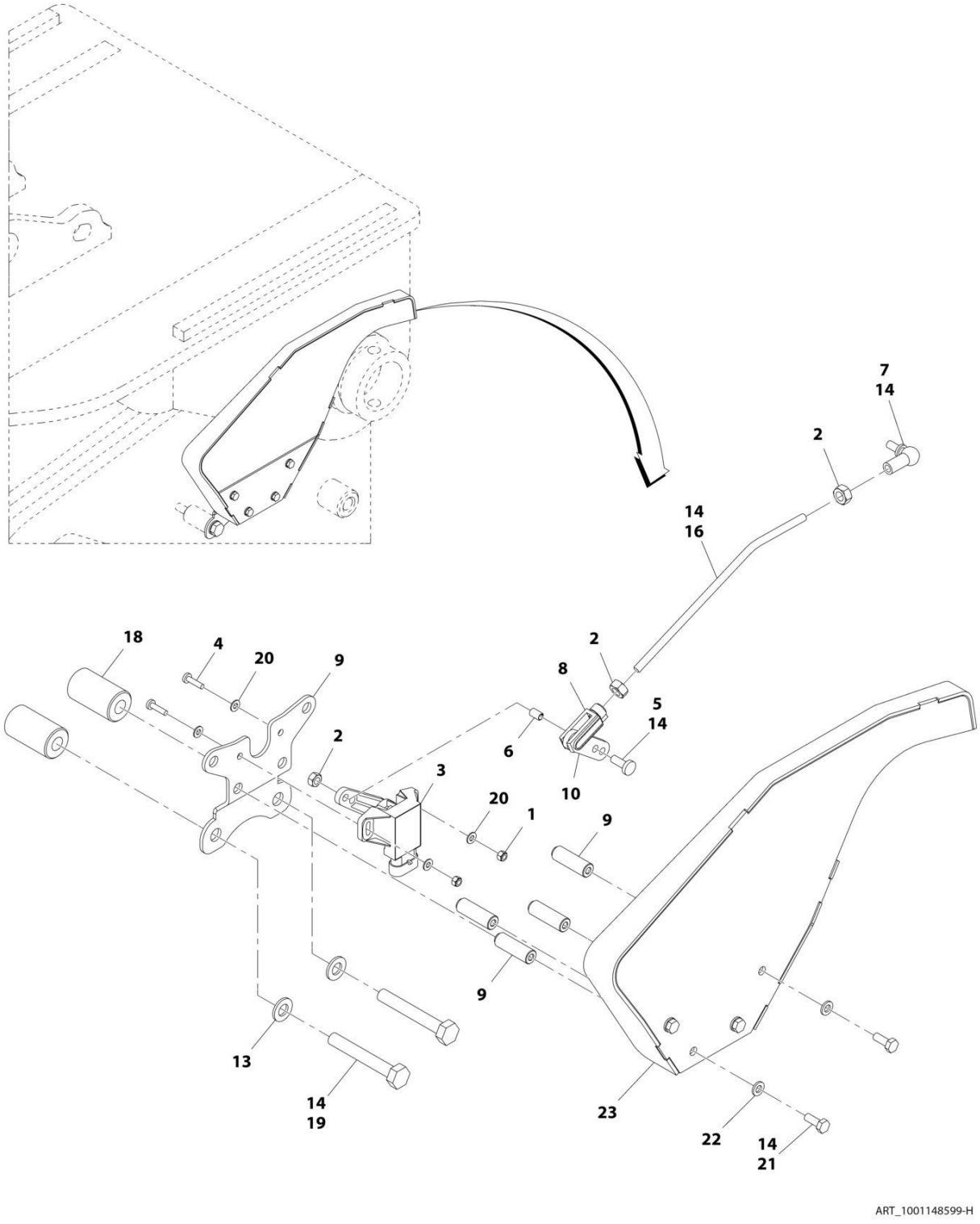
## FIGURE 10-22. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) - 3614RS



## FIGURE 10-22. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178716 | Ref | Boom Angle Sensor Installation, (with Folding Lights) - 3614RS (if equipped) | B |
| 1 | 0700408 | 2 | Bolt, M4X16 | |
| 2 | 0760608 | 6 | Bolt, M6X16 | |
| 3 | 3290405 | 2 | Nut, Lock M4X0.7 | |
| 4 | 3290601 | 2 | Nut, M6X1 | |
| 5 | 3290605 | 1 | Nut, Lock M6X1 | |
| 6 | 4000015 | 1 | Sensor, Angle | |
| 7 | 4010608 | 1 | Screw, M6X16 | |
| 8 | 4811400 | 4 | Washer, M4 | |
| 9 | 4811700 | 6 | Washer, M6 | |
| 10 | 1001095650 | AR | Compound, Locking | |
| 11 | 1001103156 | 1 | Pin, Roll M6.4X10 | |
| 12 | 1001103300 | 1 | Ball Joint, M6X25 | |
| 13 | 1001134274 | 1 | Clevis | |
| 14 | 1001182466 | 1 | Bracket, Angle Sensor | |
| 15 | 1001172744 | 1 | Plate, Extension, Angle Sensor | |
| 16 | 1001178522 | 1 | Rod, Boom Angle Sensor | |
| 17 | 1001182185 | 1 | Shield, Angle Sensor | |

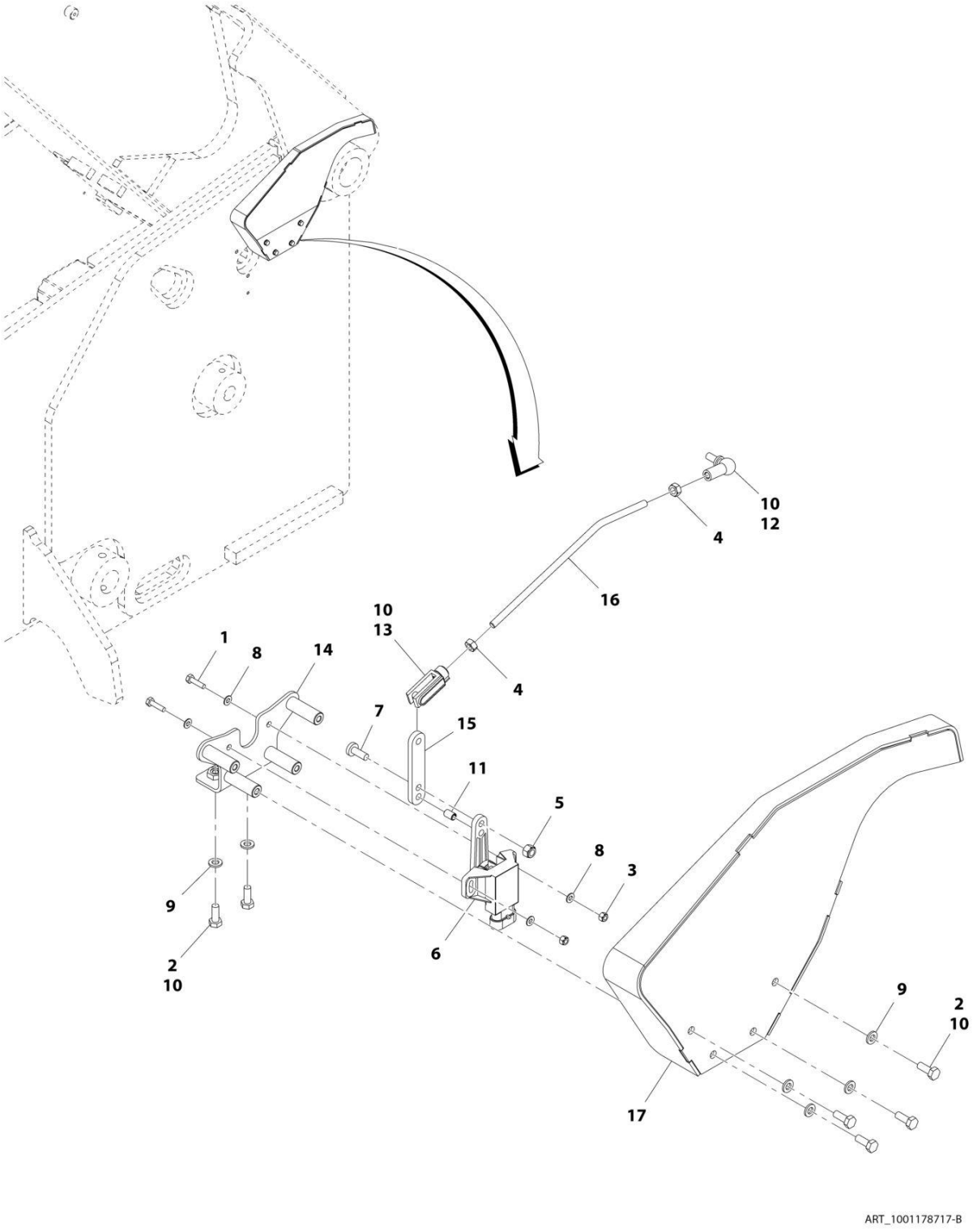
## FIGURE 10-23. BOOM ANGLE SENSOR INSTALLATION - 4017RS



## FIGURE 10-23. BOOM ANGLE SENSOR INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148599 | Ref | Boom Angle Sensor Installation - 4017RS (if equipped) | H |
| 1 | 3290405 | 2 | Nut, Lock M4X0.7 | |
| 2 | 3290601 | 3 | Nut, M6X1 | |
| 3 | 4000015 | 1 | Sensor, Angle | |
| 4 | 0700408 | 2 | Screw, M4X16 | |
| 5 | 4010608 | 1 | Screw, M6X16 | |
| 6 | 1001103156 | 1 | Pin, Roll M6.4X10 | |
| 7 | 1001103300 | 1 | Ball Joint, M6X25 | |
| 8 | 1001134274 | 1 | Clevis | |
| 9 | 1001182321 | 1 | Bracket, Boom Angle Sensor | |
| 10 | 1001172744 | 1 | Link, Boom Angle Sensor | |
| 13 | 4812000 | 2 | Washer, M10 | |
| 14 | 1001095650 | AR | Compound, Locking | |
| 16 | 1001178522 | 1 | Rod, Boom Angle Sensor | |
| 18 | 1001166513 | 2 | Shim, Boom Angle Sensor | |
| 19 | 0701022 | 2 | Bolt, M10X70 | |
| 20 | 4811400 | 4 | Washer, M4 | |
| 21 | 0760608 | 4 | Bolt, M6X16 | |
| 22 | 4811700 | 4 | Washer, M6 | |
| 23 | 1001182336 | 1 | Shield, Angle Sensor | |

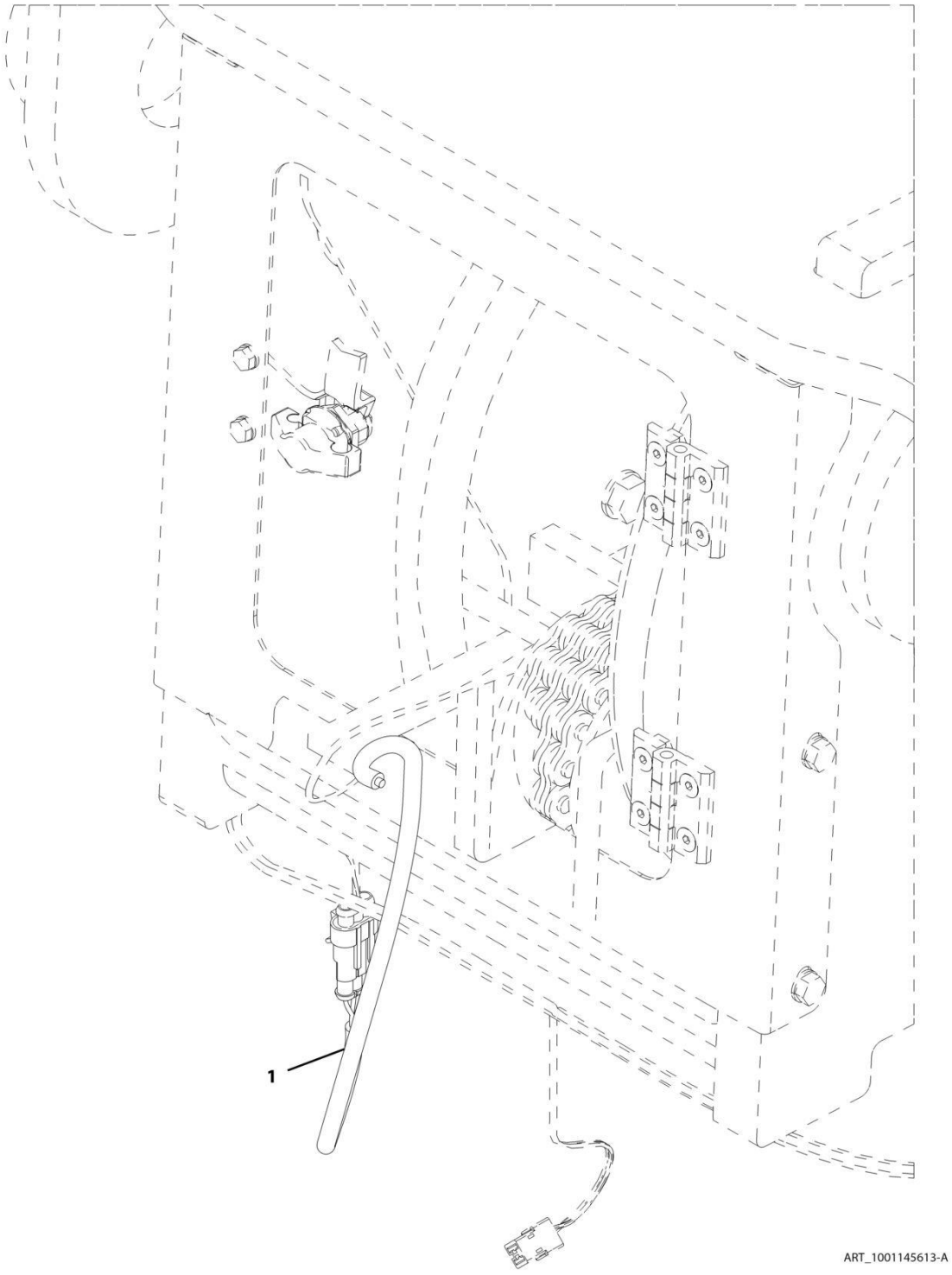
## FIGURE 10-24. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) - 4017RS



## FIGURE 10-24. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178717 | Ref | Boom Angle Sensor Installation, (with Folding Lights) - 4017RS (if equipped) | B |
| 1 | 0700408 | 2 | Bolt, M4X16 | |
| 2 | 0760608 | 6 | Bolt, M6X16 | |
| 3 | 3290405 | 2 | Nut, Lock M4X0.7 | |
| 4 | 3290601 | 2 | Nut, M6X1 | |
| 5 | 3290605 | 1 | Nut, Lock M6X1 | |
| 6 | 4000015 | 1 | Sensor, Angle | |
| 7 | 4010608 | 1 | Screw, M6X16 | |
| 8 | 4811400 | 4 | Washer, M4 | |
| 9 | 4811700 | 6 | Washer, M6 | |
| 10 | 1001095650 | AR | Compound, Locking | |
| 11 | 1001103156 | 1 | Pin, Roll M6.4X10 | |
| 12 | 1001103300 | 1 | Ball Joint, M6X25 | |
| 13 | 1001134274 | 1 | Clevis | |
| 14 | 1001182466 | 1 | Bracket, Angle Sensor | |
| 15 | 1001172744 | 1 | Plate, Extension, Angle Sensor | |
| 16 | 1001178522 | 1 | Rod, Boom Angle Sensor | |
| 17 | 1001182336 | 1 | Shield, Angle Sensor | |

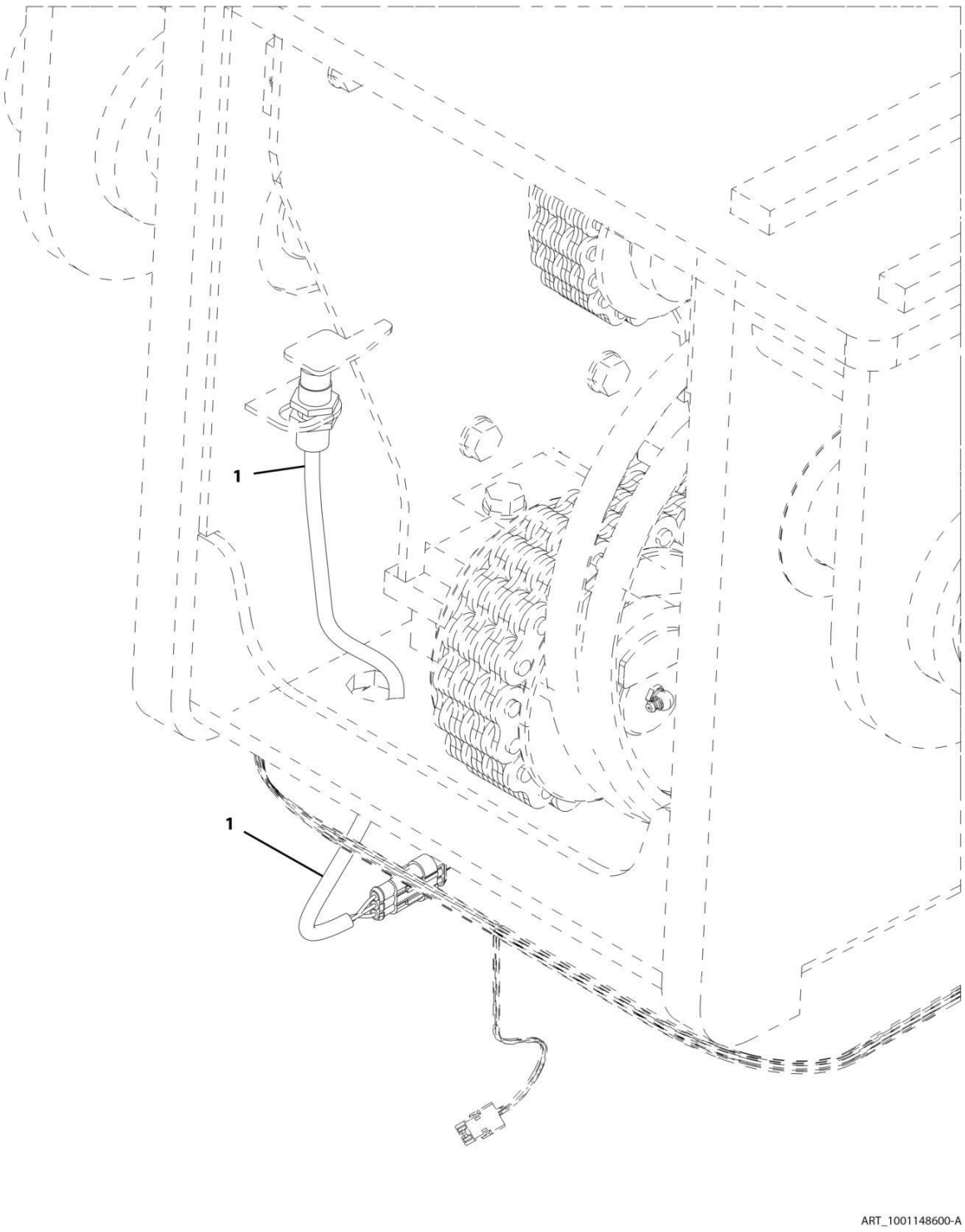
**FIGURE 10-25. BOOM RETRACT SENSOR INSTALLATION - 3614RS**



## FIGURE 10-25. BOOM RETRACT SENSOR INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145613 | Ref | Boom Retract Sensor Installation - 3614RS | A |
| 1 | 4000017 | 1 | Switch, Proximity | |

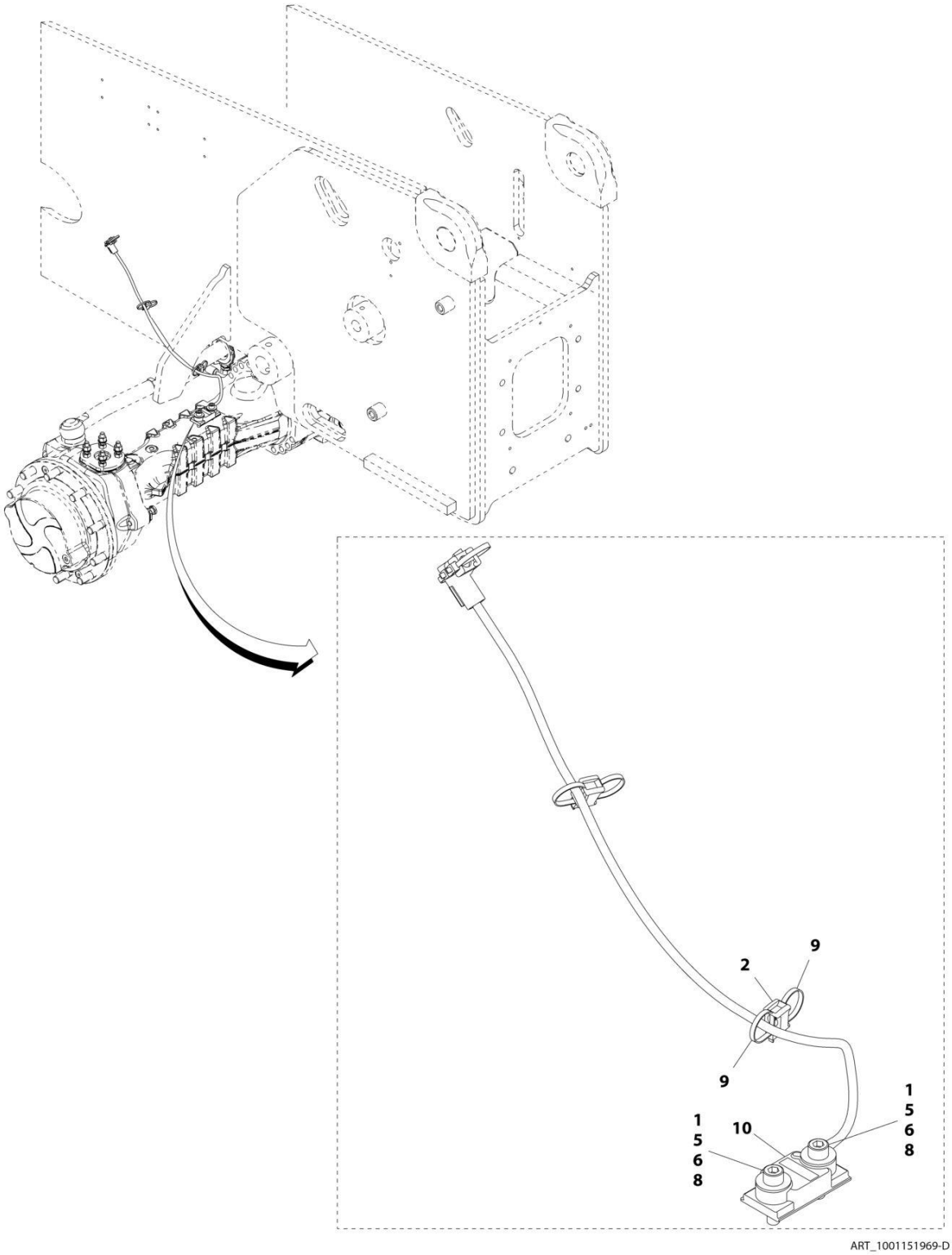
## FIGURE 10-26. BOOM RETRACT SENSOR INSTALLATION - 4017RS



## FIGURE 10-26. BOOM RETRACT SENSOR INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148600 | Ref | Boom Retract Sensor Installation - 4017RS | A |
| 1 | 4000017 | 1 | Switch, Proximity | |

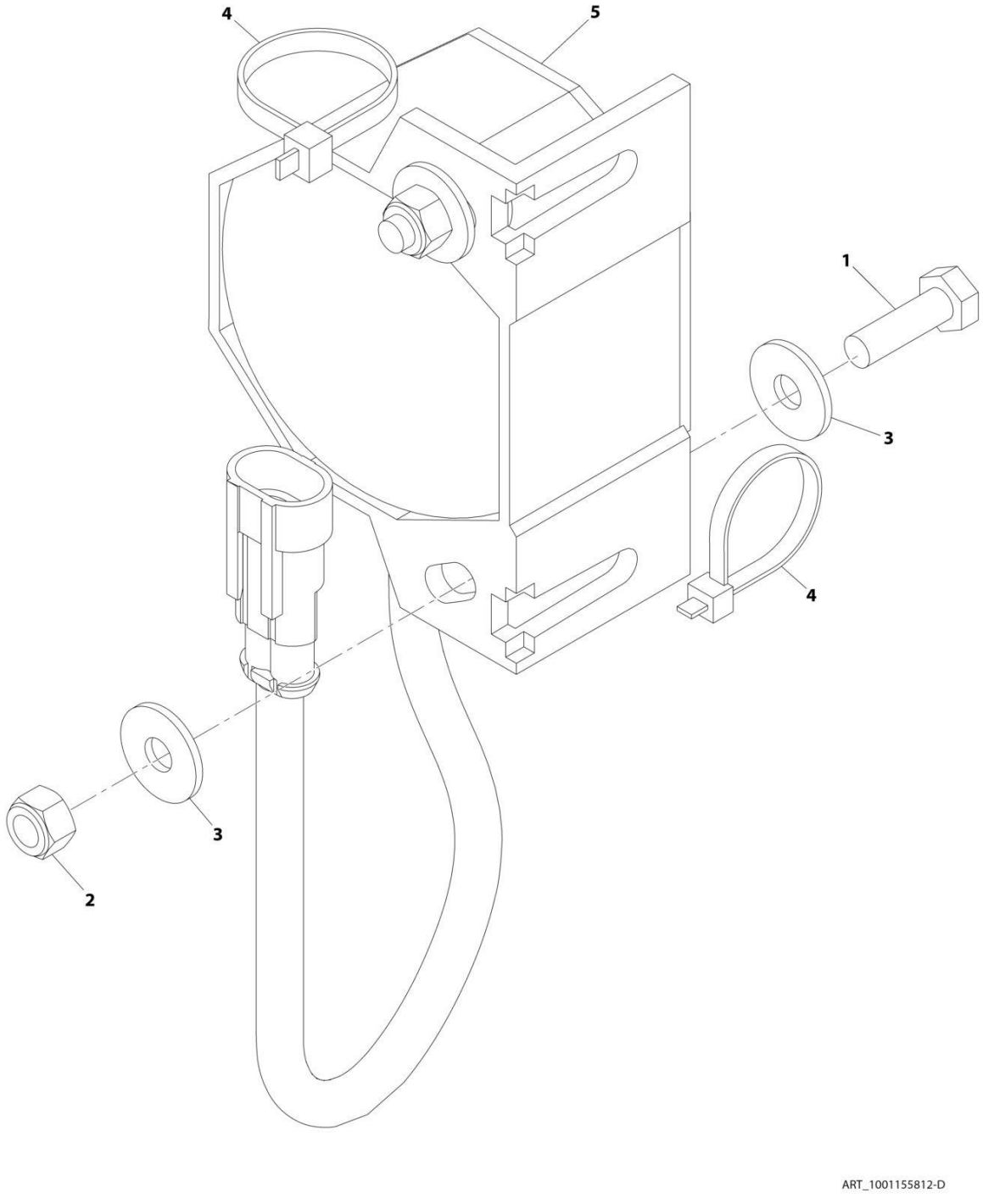
**FIGURE 10-27. LSI SENSOR INSTALLATION**



## FIGURE 10-27. LSI SENSOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151969 | Ref | LSI Sensor Installation | D |
| 1 | 5272012 | 2 | Bolt, M10X40 | |
| 2 | 1001004723 | 3 | Saddle | |
| 5 | 1001116128 | AR | Sealant, Polysiloxane | |
| 6 | 1001125465 | AR | Compound, Locking | |
| 8 | 1001129425 | AR | Compound, Locking | |
| 9 | 1001008559 | 6 | Strap, Cable | |
| 10 | 1001160730 | 1 | Sensor, Rear Axle LSI | |

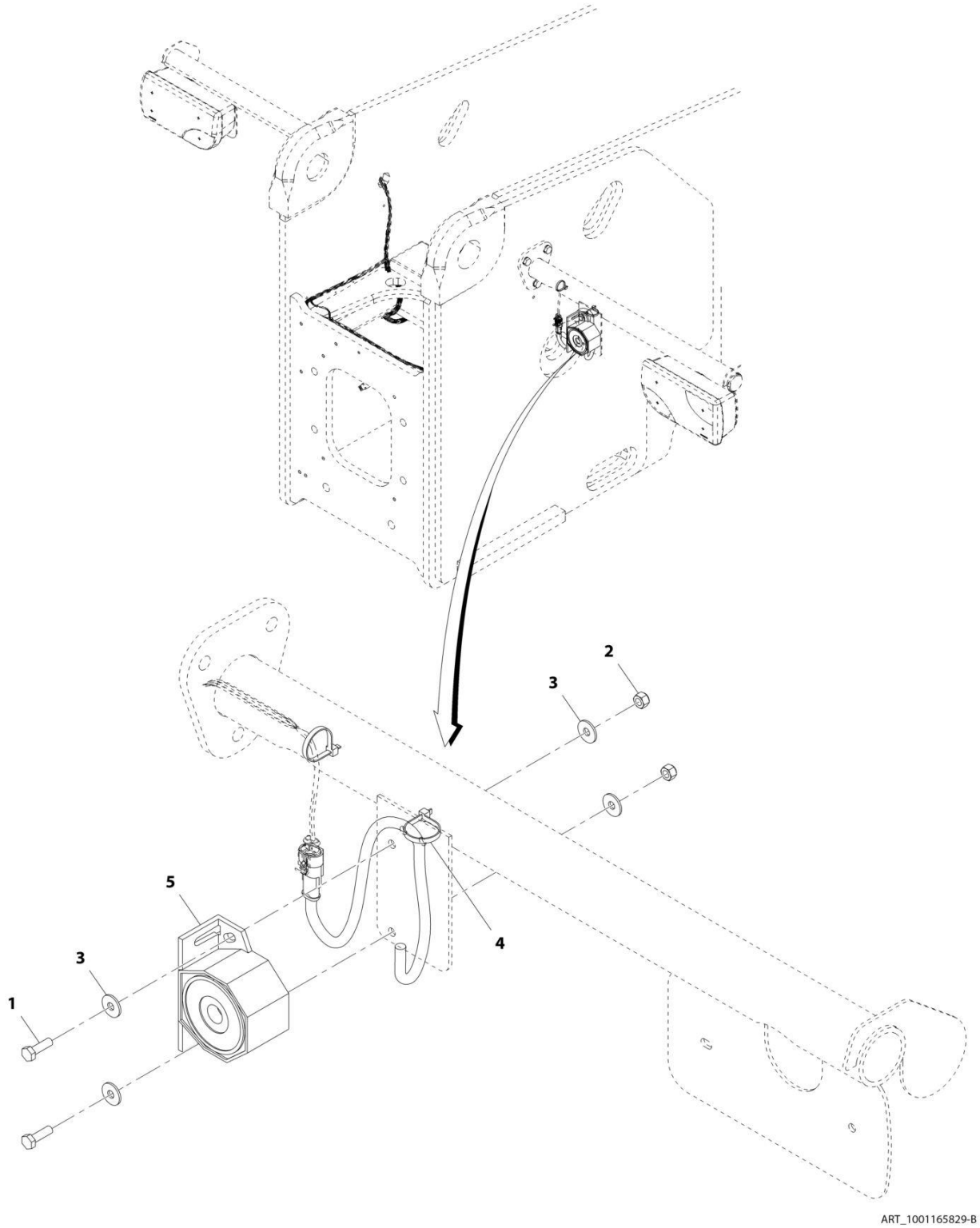
## FIGURE 10-28. BACK-UP ALARM INSTALLATION (SN 1160007024 through 01160007442)



## FIGURE 10-28. BACK-UP ALARM INSTALLATION (SN 1160007024 through 01160007442)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001155812 | 1 | Back-Up Alarm Installation | D |
| 1 | 0760610 | 2 | Bolt, M6X20 | |
| 2 | 3290605 | 2 | Nut, Lock M6X1 | |
| 3 | 4811702 | 4 | Washer, M6 | |
| 4 | 1001008559 | 2 | Strap, Cable | |
| 5 | 1001101808 | 1 | Alarm, Back-Up | |

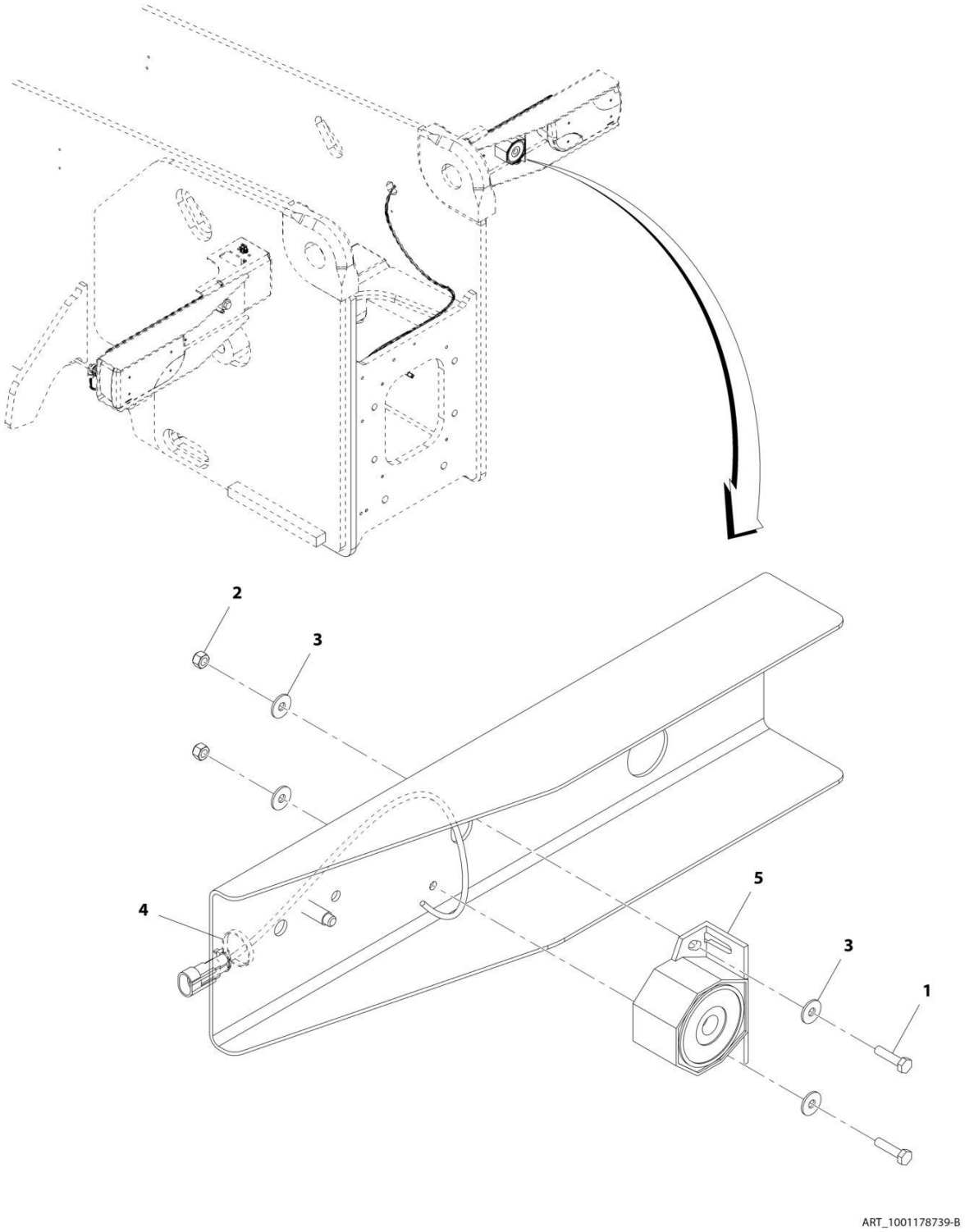
## FIGURE 10-29. BACK-UP ALARM INSTALLATION (WHITE NOISE)



## FIGURE 10-29. BACK-UP ALARM INSTALLATION (WHITE NOISE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001165829 | Ref | Back-up Alarm Installation (White Noise) (If equipped) | B |
| 1 | 0760610 | 2 | Bolt, M6X20 | |
| 2 | 3290605 | 2 | Nut, Lock M6X1 | |
| 3 | 4811702 | 4 | Washer, M6 | |
| 4 | 1001008559 | 2 | Strap, Cable | |
| 5 | 1001165827 | 1 | Alarm, Reverse White Nose | |

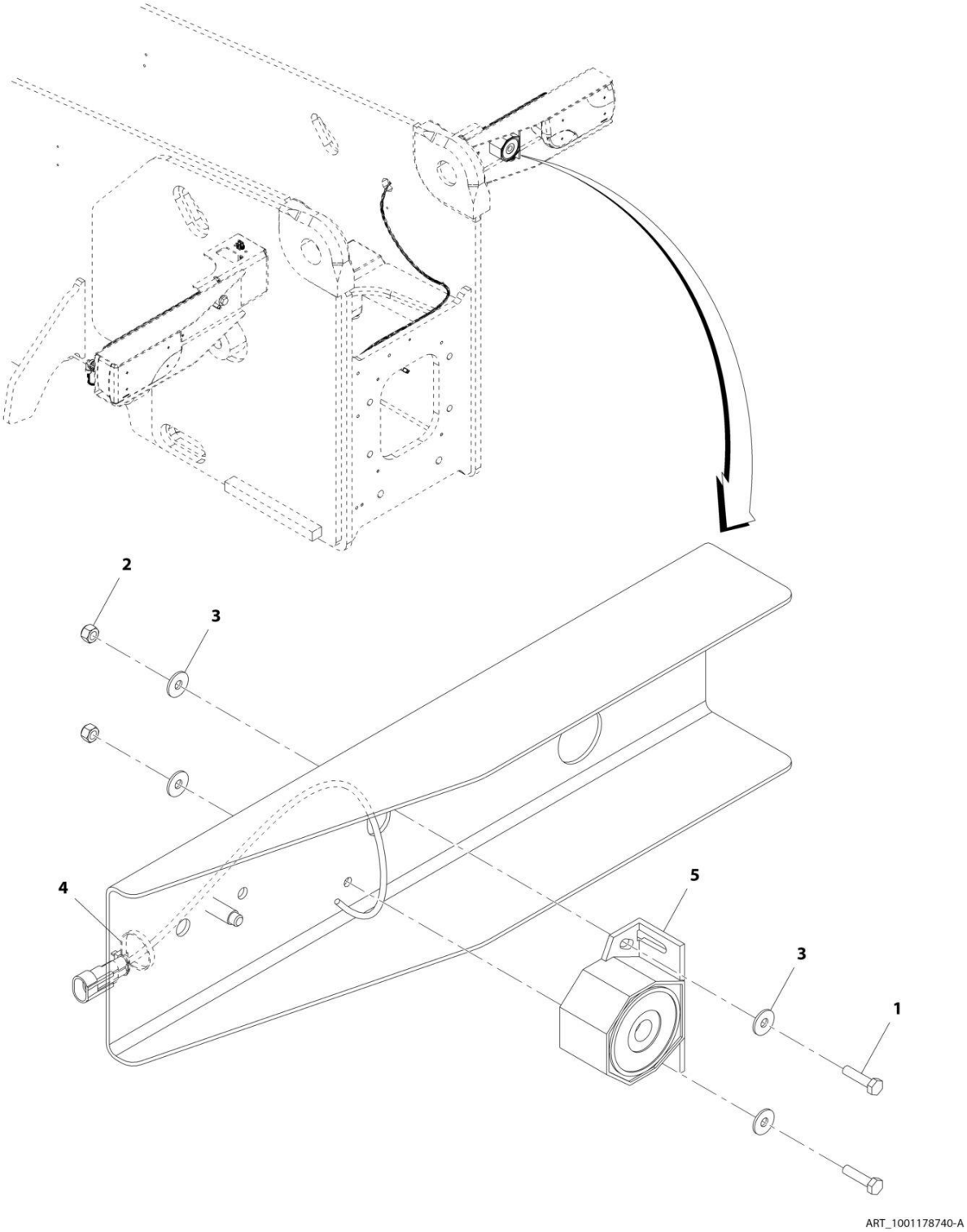
## FIGURE 10-30. BACK-UP ALARM INSTALLATION (FOLDING LIGHTS)



## FIGURE 10-30. BACK-UP ALARM INSTALLATION (FOLDING LIGHTS)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178739 | Ref | Back-Up Alarm Installation (Folding Lights) (If equipped) | B |
| 1 | 0760612 | 2 | Bolt, M6X25 | |
| 2 | 3290605 | 2 | Nut, Lock M6X1 | |
| 3 | 4811702 | 4 | Washer, M6 | |
| 4 | 1001008559 | 1 | Strap, Cable | |
| 5 | 1001101808 | 1 | Alarm, Reverse | |

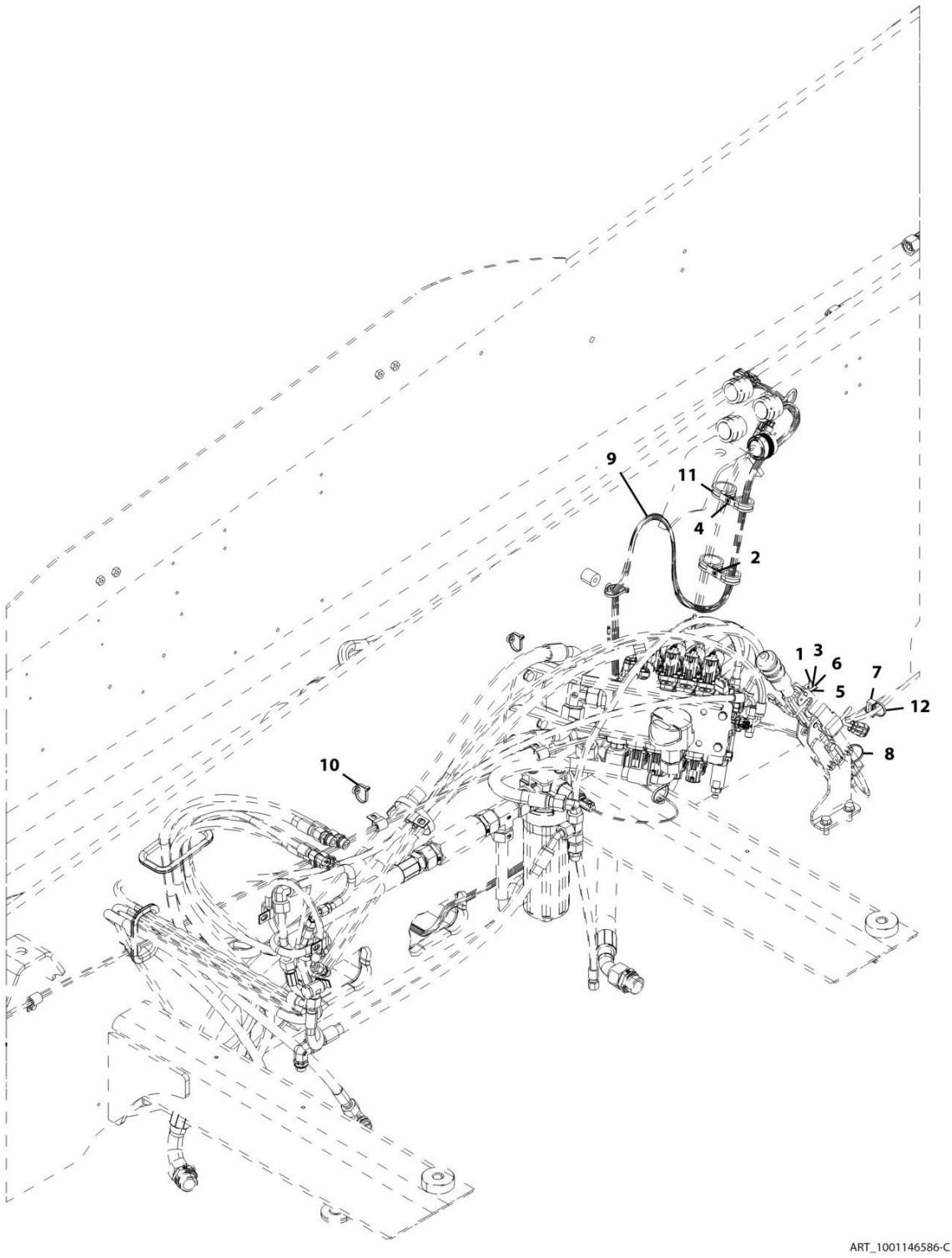
## FIGURE 10-31. BACK-UP ALARM INSTALLATION (FOLDING LIGHTS AND WHITE NOISE)



## FIGURE 10-31. BACK-UP ALARM INSTALLATION (FOLDING LIGHTS AND WHITE NOISE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001178740 | Ref | Back-Up Alarm Installation, (Folding Lights and White Nose) (If equipped) | A |
| 1 | 0760612 | 2 | Bolt, M6X25 | |
| 2 | 3290605 | 2 | Nut, Lock M6X1 | |
| 3 | 4811702 | 4 | Washer, M6 | |
| 4 | 1001008559 | 1 | Strap, Cable | |
| 5 | 1001165827 | 1 | Alarm, Reverse, White Noise | |

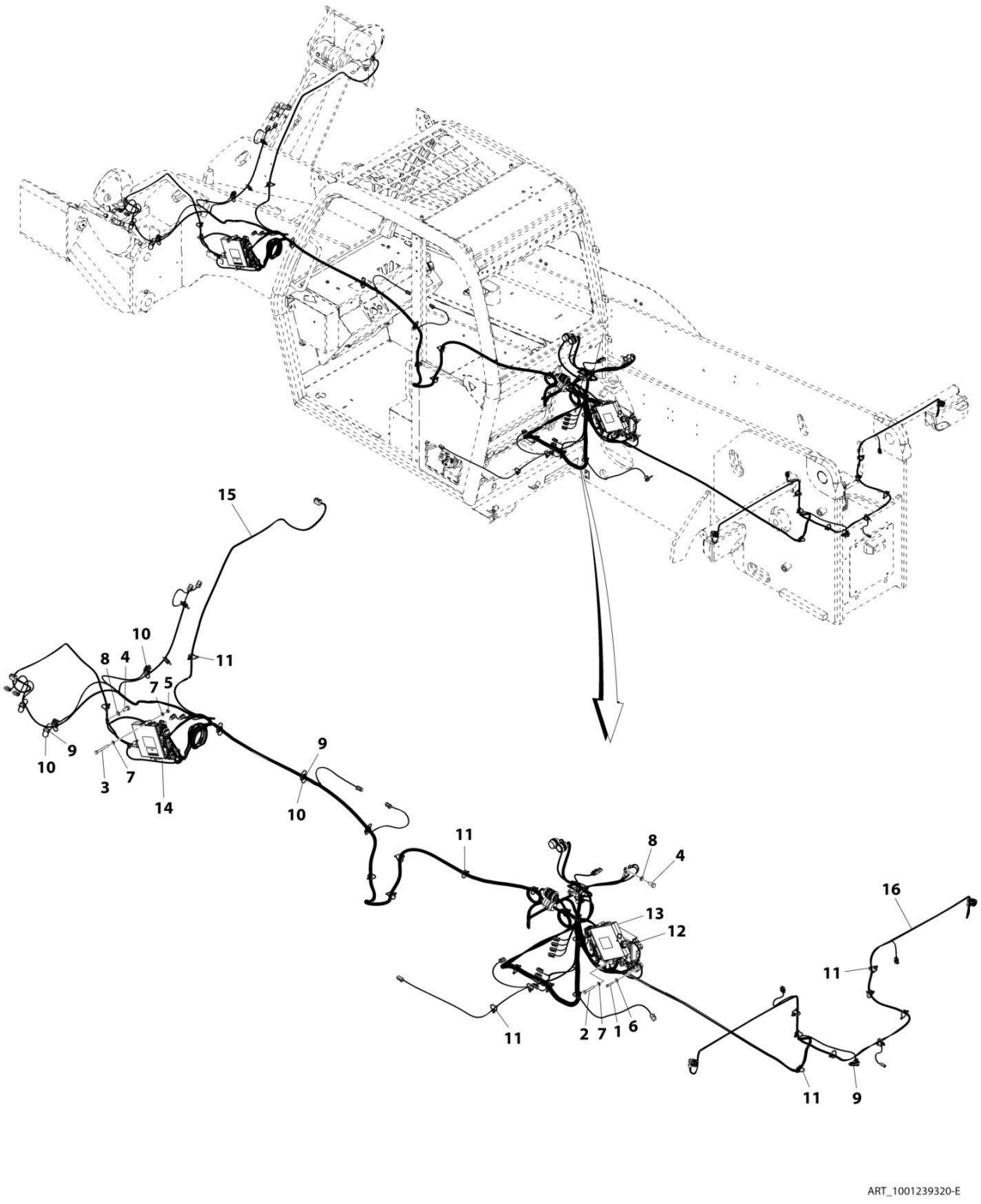
**FIGURE 10-32. CHASSIS HARNESS INSTALLATION - 3614RS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-32. CHASSIS HARNESS INSTALLATION - 3614RS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146586 | Ref | Chassis Harness Installation - 3614RS | C |
| 1 | 0760608 | 2 | Bolt, M6X16 | |
| 2 | 3290605 | 2 | Nut, Lock M6X1 | |
| 3 | 4811700 | 2 | Washer, M6 | |
| 4 | 4811702 | 2 | Washer, M6 | |
| 5 | 4831700 | 2 | Washer, Lock 6 | |
| 6 | 1001003044 | 2 | Clip | |
| 7 | 1001004723 | 3 | Saddle | |
| 8 | 1001008559 | 6 | Strap, Cable | |
| 9 | 1001146585 | 1 | Harness, Chassis (See CHASSIS HARNESS for Breakdown) | |
| 10 | 1001146588 | 19 | Strap, Cable | |
| 11 | 1001162849 | 2 | Clip | |
| 12 | 1001008559 | 1 | Strap, Cable | |

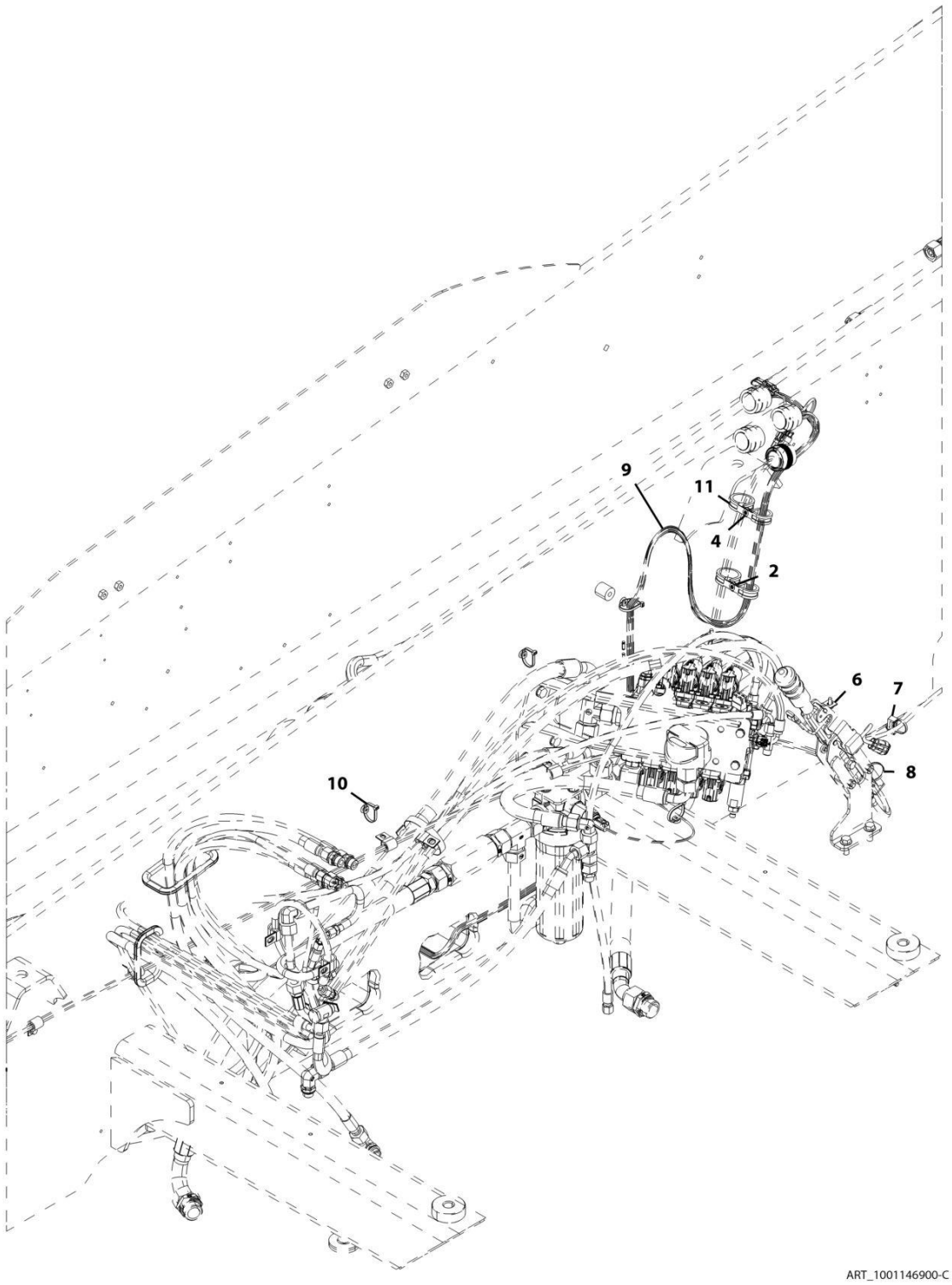
**FIGURE 10-33. CHASSIS HARNESS INSTALLATION - 3614RS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-33. CHASSIS HARNESS INSTALLATION - 3614RS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239320 | Ref | Chassis Harness Installation - 3614RS | E |
| 1 | 0700614 | 4 | Bolt, M6X30 | |
| 2 | 0700819 | 2 | Bolt, M8X55 | |
| 3 | 0700822 | 2 | Bolt, M8X70 | |
| 4 | 0761012 | 2 | Bolt, M10X25 | |
| 5 | 3290801 | 2 | Bolt, M8X1.25 | |
| 6 | 4811702 | 4 | Washer, M6 | |
| 7 | 4811900 | 6 | Washer, M8 | |
| 8 | 4812000 | 2 | Washer, M10 | |
| 9 | 1001004723 | 10 | Saddle | |
| 10 | 1001008559 | 20 | Strap, Cable | |
| 11 | 1001146588 | 27 | Strap, Cable | |
| 12 | 1001164402 | 1 | Power Dist Box | |
| 13 | 1001209576 | 1 | Rear Frame Module | |
| 14 | 1001209577 | 1 | Front Frame Module | |
| 15 | 1001237510 | 1 | Harness, Front Frame RR (See Separate Breakdown in this Section) | |
| 16 | 1001238729 | 1 | Harness, Rear Frame RR (See Separate Breakdown in this Section) | |

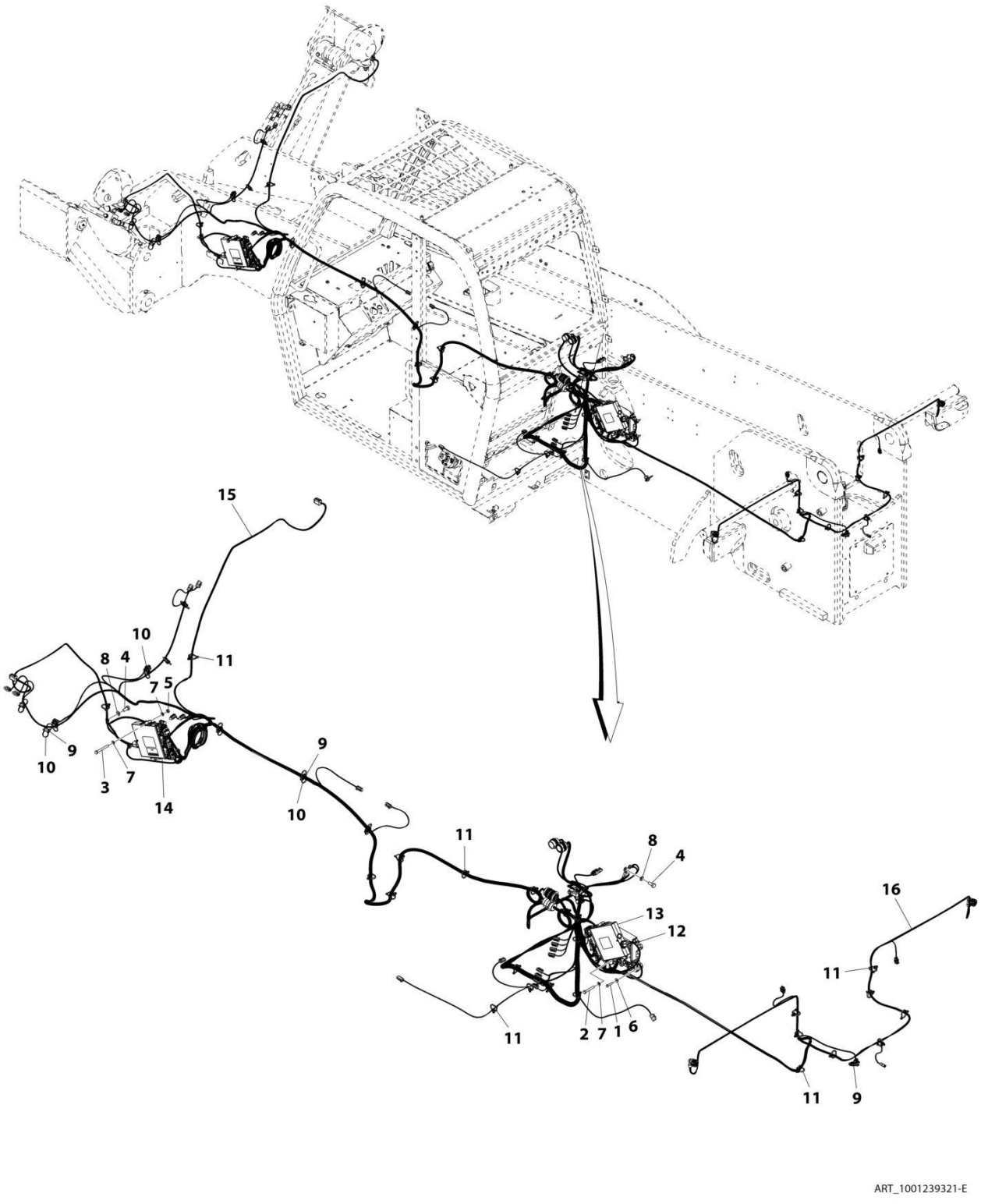
**FIGURE 10-34. CHASSIS HARNESS INSTALLATION - 4017RS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-34. CHASSIS HARNESS INSTALLATION - 4017RS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146900 | Ref | Chassis Harness Installation - 4017RS | C |
| 2 | 3290605 | 2 | Nut, Lock M6X1 | |
| 4 | 4811702 | 2 | Washer, M6 | |
| 6 | 1001003044 | 2 | Clip | |
| 7 | 1001004723 | 3 | Saddle | |
| 8 | 1001008559 | 6 | Strap, Cable | |
| 9 | 1001146585 | 1 | Harness, Chassis (See CHASSIS HARNESS for Breakdown) | |
| 10 | 1001146588 | 20 | Strap, Cable | |
| 11 | 1001162849 | 2 | Clip | |

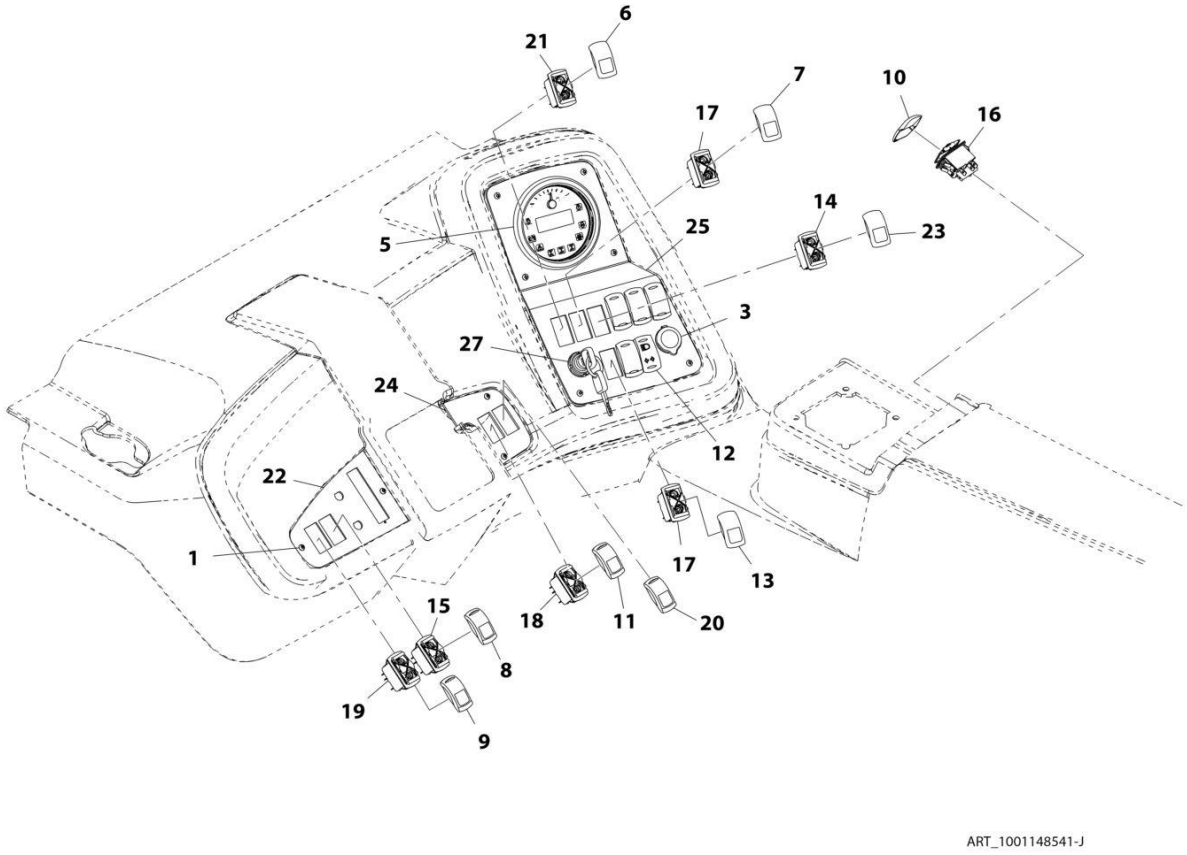
**FIGURE 10-35. CHASSIS HARNESS INSTALLATION - 4017RS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-35. CHASSIS HARNESS INSTALLATION - 4017RS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239321 | Ref | Chassis Harness Installation - 4017RS | E |
| 1 | 0700614 | 4 | Bolt, M6X30 | |
| 2 | 0700819 | 2 | Bolt, M8X55 | |
| 3 | 0700822 | 2 | Bolt, M8X70 | |
| 4 | 0761012 | 2 | Bolt, M10X25 | |
| 5 | 3290801 | 2 | Bolt, M8X1.25 | |
| 6 | 4811702 | 4 | Washer, M6 | |
| 7 | 4811900 | 6 | Washer, M8 | |
| 8 | 4812000 | 2 | Washer, M10 | |
| 9 | 1001004723 | 10 | Saddle | |
| 10 | 1001008559 | 21 | Strap, Cable | |
| 11 | 1001146588 | 28 | Strap, Cable | |
| 12 | 1001164402 | 1 | Power Dist Box | |
| 13 | 1001209576 | 1 | Rear Frame Module (See Separate Breakdown in this Section) | |
| 14 | 1001209577 | 1 | Front Frame Module (See Separate Breakdown in this Section) | |
| 15 | 1001237510 | 1 | Harness, Front Frame (See Separate Breakdown in this Section) | |
| 16 | 1001238729 | 1 | Harness, Rear Frame (See Separate Breakdown in this Section) | |

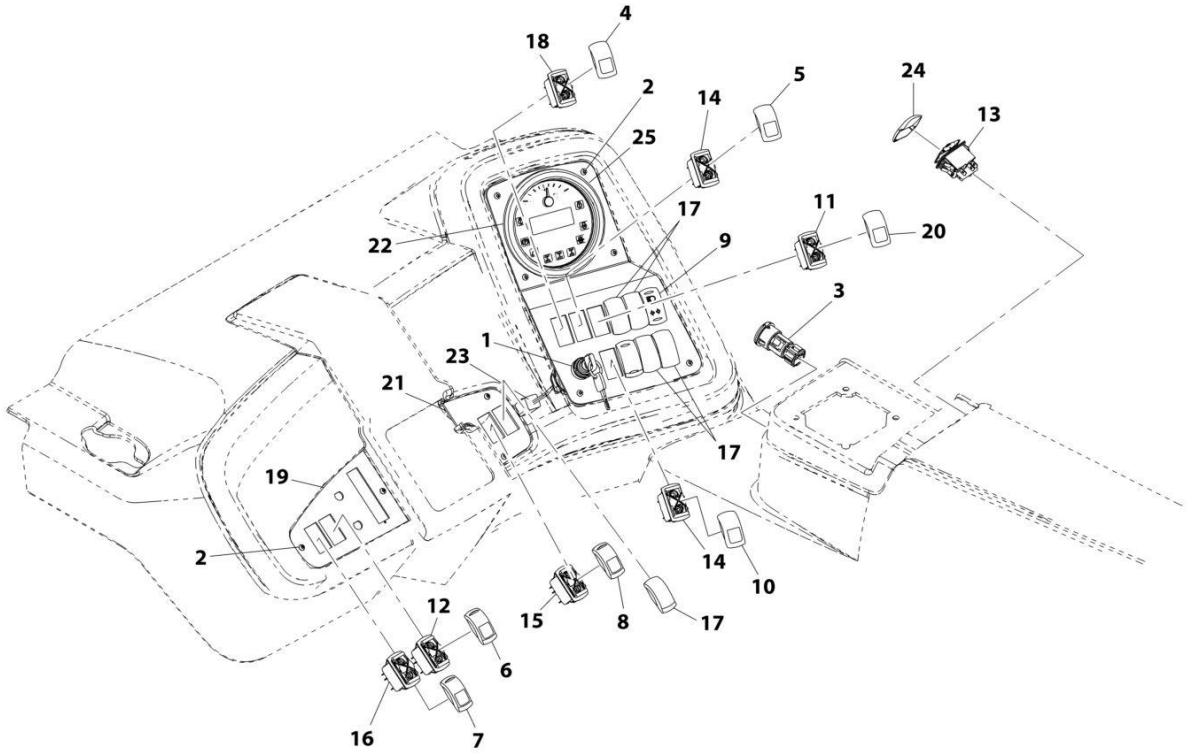
**FIGURE 10-36. DASH ELECTRICAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-36. DASH ELECTRICAL INSTALLATION (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001148541 | Ref | Dash Electrical Installation | J |
| 1 | 1001047064 | 10 | Screw, M4X15 | |
| 3 | 1001095804 | 1 | Connector, 12V Power Socket | |
| 5 | 1001150292 | 1 | Gauge, Canbus | |
| 6 | 1001145252 | 1 | Switch, Rocker, Hazards | |
| 7 | 1001145253 | 1 | Switch, Rocker, Driving Lights | |
| 8 | 1001145257 | 1 | Switch, Rocker, LSI Override | |
| 9 | 1001145258 | 1 | Switch, Rocker, Joystick Override | |
| 10 | 1001145259 | 1 | Switch, Rocker, Frame Level | |
| 11 | 1001145260 | 1 | Switch, Rocker, Rear Wiper | |
| 12 | 1001145265 | 1 | Lamp, High Beam and Indicators | |
| 13 | 1001145266 | 1 | Switch, Rocker, Steer Select | |
| 14 | 1001146725 | 1 | Switch, SPST | |
| 15 | 1001146726 | 1 | Switch, SPST(M) | |
| 16 | 1001146727 | 1 | Switch, SPDT(M) | |
| 17 | 1001146728 | 2 | Switch, DP3T | |
| 18 | 1001146729 | 1 | Switch, DP3T(M) | |
| 19 | 1001146730 | 1 | Switch, DPDT | |
| 20 | 1001147344 | 5 | Switch, Blank | |
| 21 | 1001147451 | 1 | Switch, DPDT | |
| 22 | 1001148415 | 1 | Plate, HAC Control | |
| 23 | 1001148916 | 1 | Switch, Rocker, Fog Lights | |
| 24 | 1001149141 | 1 | Plate, Switch | |
| 25 | 1001149142 | 1 | Plate, Switch | |
| 27 | 4360657 | 1 | Switch, Ignition | |
| | 70021220 | 1 | Key | |

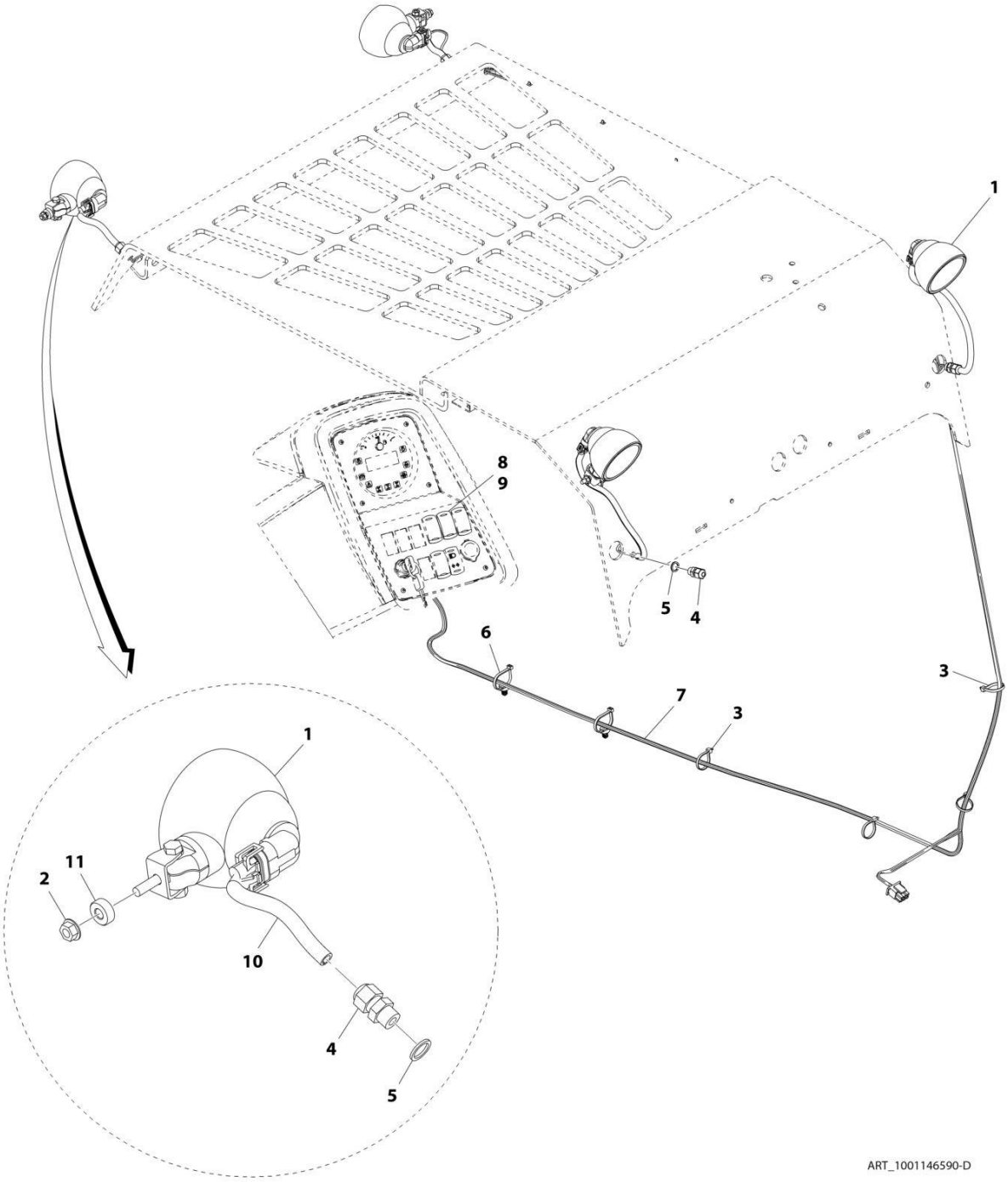
**FIGURE 10-37. DASH ELECTRICAL INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



## FIGURE 10-37. DASH ELECTRICAL INSTALLATION (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001241832 | Ref | Dash Electrical Installation | A |
| 1 | 4360657 | 1 | Switch, Ignition | |
| 2 | 1001047064 | 10 | Screw, M4X15 | |
| 3 | 1001095804 | 1 | Connector, 12V Power Socket | |
| 4 | 1001145252 | 1 | Switch, Rocker, Hazards | |
| 5 | 1001145253 | 1 | Switch, Rocker, Driving Lights | |
| 6 | 1001145257 | 1 | Switch, Rocker, LSI Override | |
| 7 | 1001145258 | 1 | Switch, Rocker, Joystick Override | |
| 8 | 1001145260 | 1 | Switch, Rocker, Rear Wiper | |
| 9 | 1001145265 | 1 | Lamp, High Beam and Indicators | |
| 10 | 1001145266 | 1 | Switch, Rocker, Steer Select | |
| 11 | 1001146725 | 1 | Switch, SPST | |
| 12 | 1001146726 | 1 | Switch, SPST(M) | |
| 13 | 1001146727 | 1 | Switch, SPDT(M) | |
| 14 | 1001146728 | 2 | Switch, DP3T | |
| 15 | 1001146729 | 1 | Switch, DP3T(M) | |
| 16 | 1001146730 | 1 | Switch, DPDT | |
| 17 | 1001147344 | 5 | Switch, Blank | |
| 18 | 1001147451 | 1 | Switch, DPDT | |
| 19 | 1001148415 | 1 | Plate, HAC Control | |
| 20 | 1001148916 | 1 | Switch, Rocker, Fog Lights | |
| 21 | 1001149141 | 1 | Plate, Switch | |
| 22 | 1001150292 | 1 | Gauge, Canbus | |
| 23 | 1001223968 | 1 | Key Harness | |
| 24 | 1001239912 | 1 | Switch, Rocker | |
| 25 | 1001239949 | 1 | Plate, Switch | |

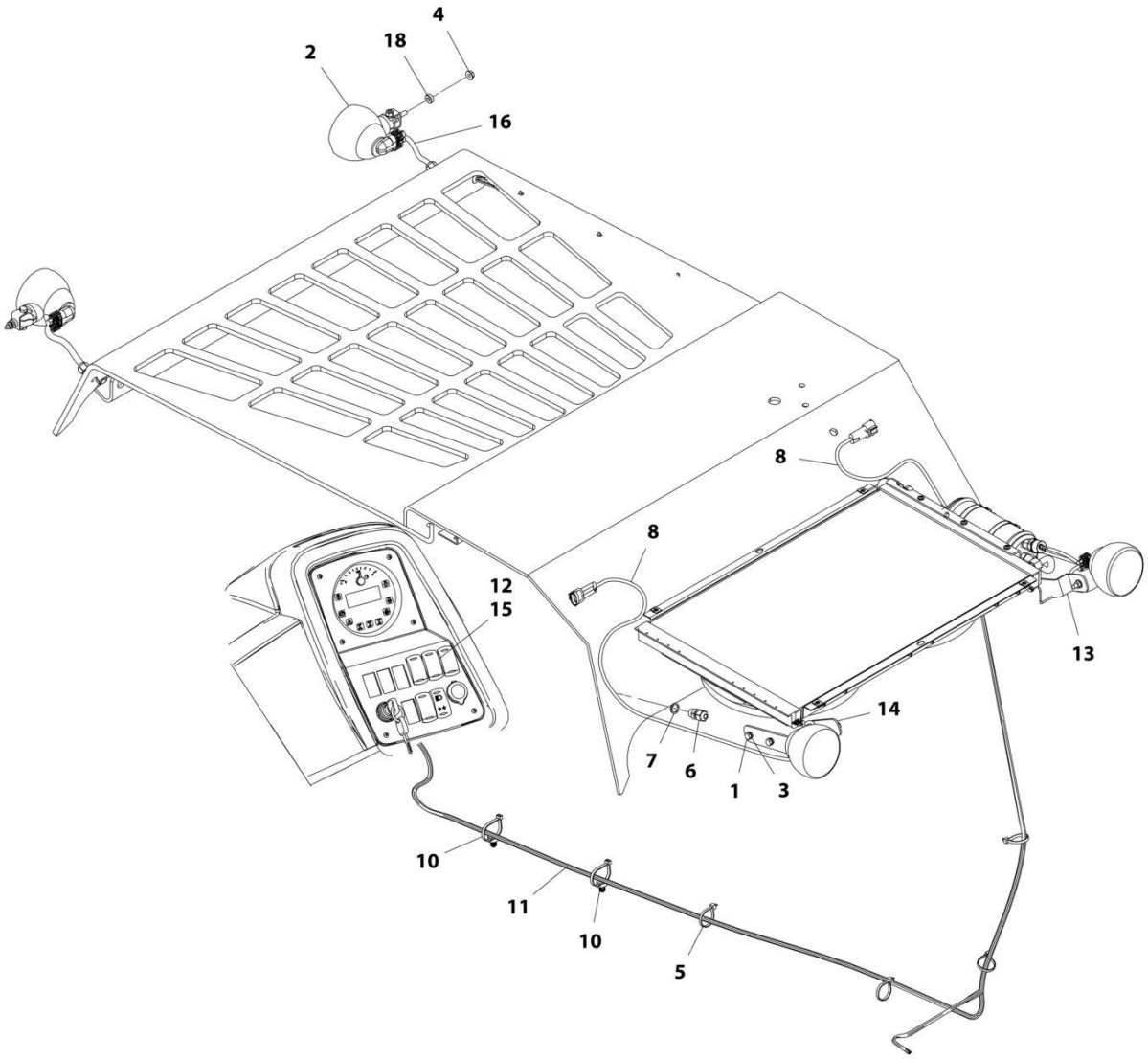
## FIGURE 10-38. CAB WORKLIGHTS INSTALLATION (NO HAC)



## FIGURE 10-38. CAB WORKLIGHTS INSTALLATION (NO HAC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146590 | Ref | Cab Worklights Installation (no HAC) | D |
| 1 | 2920206 | 4 | Worklight | |
| | 70020796 | 1 | Bulb, 12V-50W | |
| 2 | 5220600 | 4 | Nut, Ripp 6 | |
| 3 | 1001008559 | 13 | Strap, Cable | |
| 4 | 1001121675 | 4 | Grommet, Cable Gland | |
| 5 | 1001121707 | 4 | Seal, Cable Gland | |
| 6 | 1001146588 | 2 | Strap, Cable | |
| 7 | 1001146673 | 1 | Harness, Worklights (See WORKLIGHTS HARNESS for Breakdown) | |
| 8 | 1001146728 | 1 | Switch, DP3T | |
| 9 | 1001149968 | 1 | Switch, Rocker, Worklights | |
| 10 | 1001189744 | 820 mm | Conduit | |
| 11 | 1001194187 | 2 | Sleeve, Spacer | |

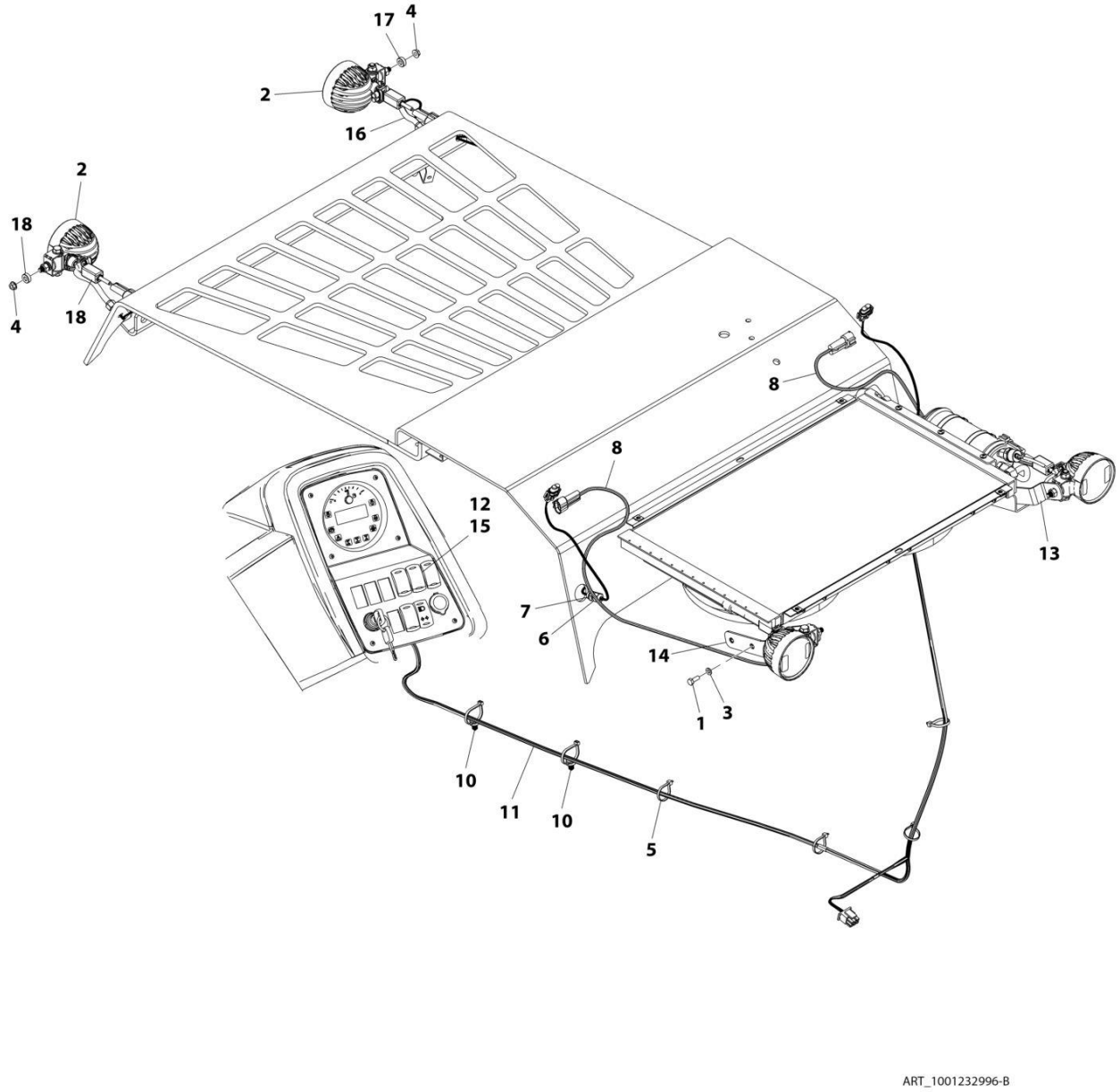
## FIGURE 10-39. CAB WORKLIGHTS INSTALLATION (HAC)



## FIGURE 10-39. CAB WORKLIGHTS INSTALLATION (HAC)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146592 | Ref | Cab Worklights Installation (HAC) | D |
| 1 | 0700608 | 4 | Bolt, M6X16 | |
| 2 | 2920206 | 4 | Worklight | |
| | 70020796 | 1 | Bulb, 12V-50W | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 5220600 | 4 | Nut, Ripp 6 | |
| 5 | 1001008559 | 11 | Strap, Cable | |
| 6 | 1001121675 | 4 | Grommet, Cable Gland | |
| 7 | 1001121707 | 4 | Seal, Cable Gland | |
| 8 | 1001133224 | 2 | Harness, Light Extension (See LIGHT EXTENSION HARNESS for Breakdown) | |
| 10 | 1001146588 | 2 | Strap, Cable | |
| 11 | 1001146673 | 1 | Harness, Worklights (See WORKLIGHTS HARNESS for Breakdown) | |
| 12 | 1001146728 | 1 | Switch, DP3T | |
| 13 | 1001148521 | 1 | Plate, Support | |
| 14 | 1001148522 | 1 | Plate, Support | |
| 15 | 1001149968 | 1 | Switch, Rocker, Worklights | |
| 16 | 1001189744 | 260 mm | Conduit, Split Poly | |
| 18 | 1001194187 | 2 | Sleeve, Spacer | |

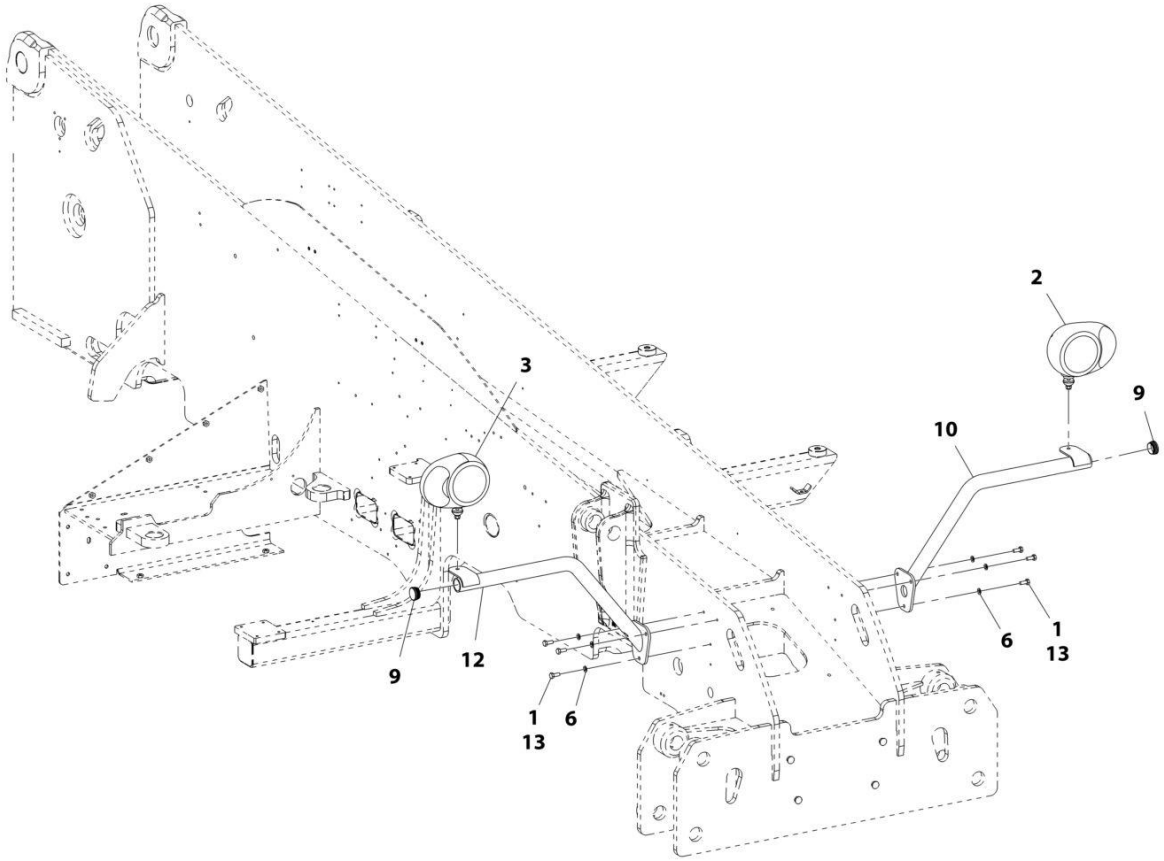
## FIGURE 10-40. LED CAB WORKLIGHTS INSTALLATION



## FIGURE 10-40. LED CAB WORKLIGHTS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001232996 | Ref | LED Cab Worklights Installation | B |
| 1 | 0700608 | 4 | Bolt, M6X16 | |
| 2 | 1001203640 | 4 | Worklight | |
| 3 | 4811700 | 4 | Washer, M6 | |
| 4 | 5220600 | 4 | Nut, Ripp 6 | |
| 5 | 1001008559 | 11 | Strap, Cable | |
| 6 | 1001121675 | 4 | Grommet, Cable Gland | |
| 7 | 1001121707 | 4 | Seal, Cable Gland | |
| 8 | 1001133224 | 2 | Harness, Light Extension (See Separate Breakdown in this Section) | |
| 10 | 1001146588 | 2 | Strap, Cable | |
| 11 | 1001146673 | 1 | Harness, Worklights (See Separate Breakdown in this Section) | |
| 12 | 1001146728 | 1 | Switch, DP3T | |
| 13 | 1001148521 | 1 | Plate, Support | |
| 14 | 1001148522 | 1 | Plate, Support | |
| 15 | 1001149968 | 1 | Switch, Rocker, Worklights | |
| 16 | 1001189744 | 260 mm | Conduit, Split Poly | |
| 17 | 1001194187 | 2 | Sleeve, Spacer | |
| 18 | 1001228989 | 4 | Harness, Ferrite | |

## FIGURE 10-41. DRIVING LIGHTS INSTALLATION (GERMANY AND CE)

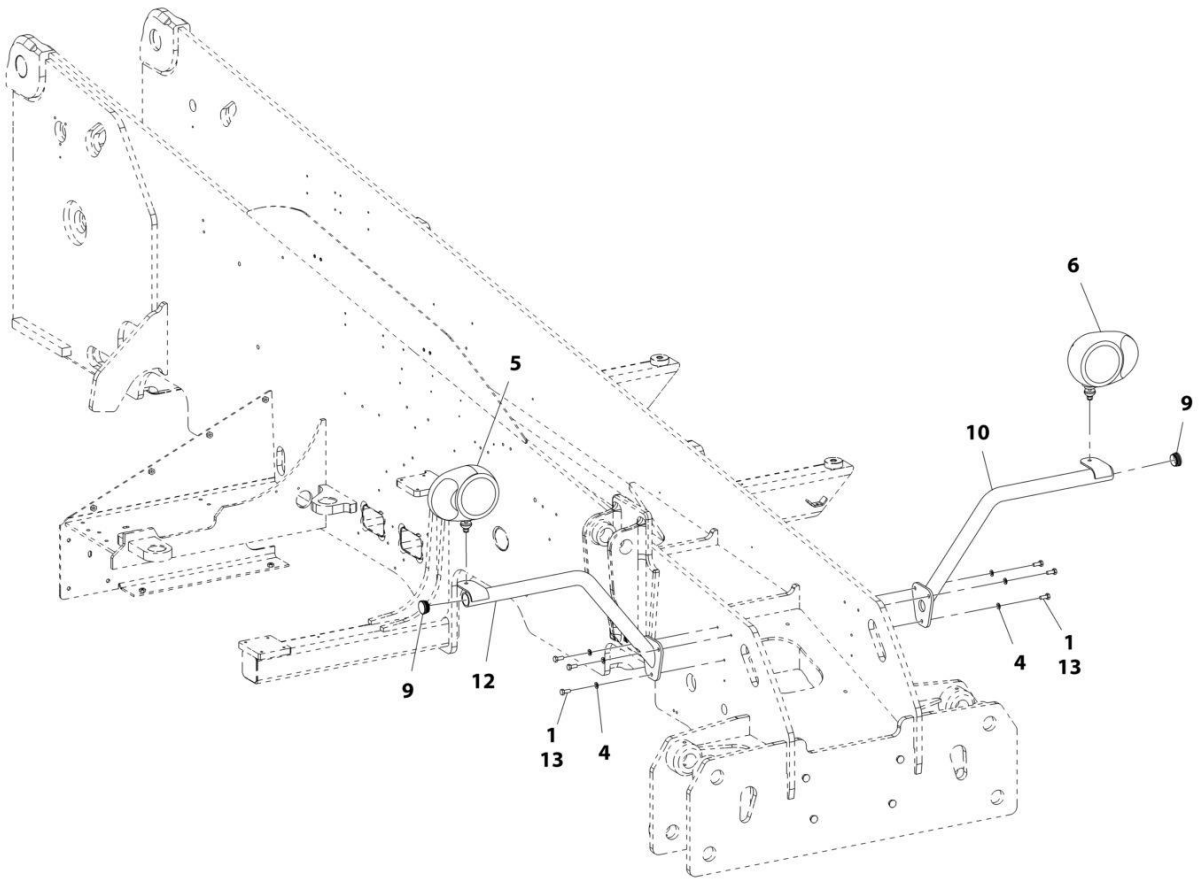



ART_1001146491-E

## FIGURE 10-41. DRIVING LIGHTS INSTALLATION (GERMANY AND CE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146491 | Ref | Driving Lights Installation (Germany and CE) | E |
| 1 | 0761012 | 6 | Bolt, M10X25 | |
| 2 | 2920207 | 1 | Driving Light, LH | |
| | 7029969 | 1 | Bulb, 4W | |
| | 7029970 | 1 | Bulb, 55W | |
| | 7029971 | 1 | Bulb, 21W | |
| 3 | 2920208 | 1 | Driving Light, RH | |
| | 7029969 | 1 | Bulb, 4W | |
| | 7029970 | 1 | Bulb, 55W | |
| | 7029971 | 1 | Bulb, 21W | |
| 6 | 4812000 | 6 | Washer, M10 | |
| 9 | 1001096913 | 2 | Cap, Lamp Bracket | |
| 10 | 1001144434 | 1 | Bracket, Light | |
| 12 | 1001145235 | 1 | Bracket, Light | |
| 13 | 1001095650 | AR | Compound, Locking | |

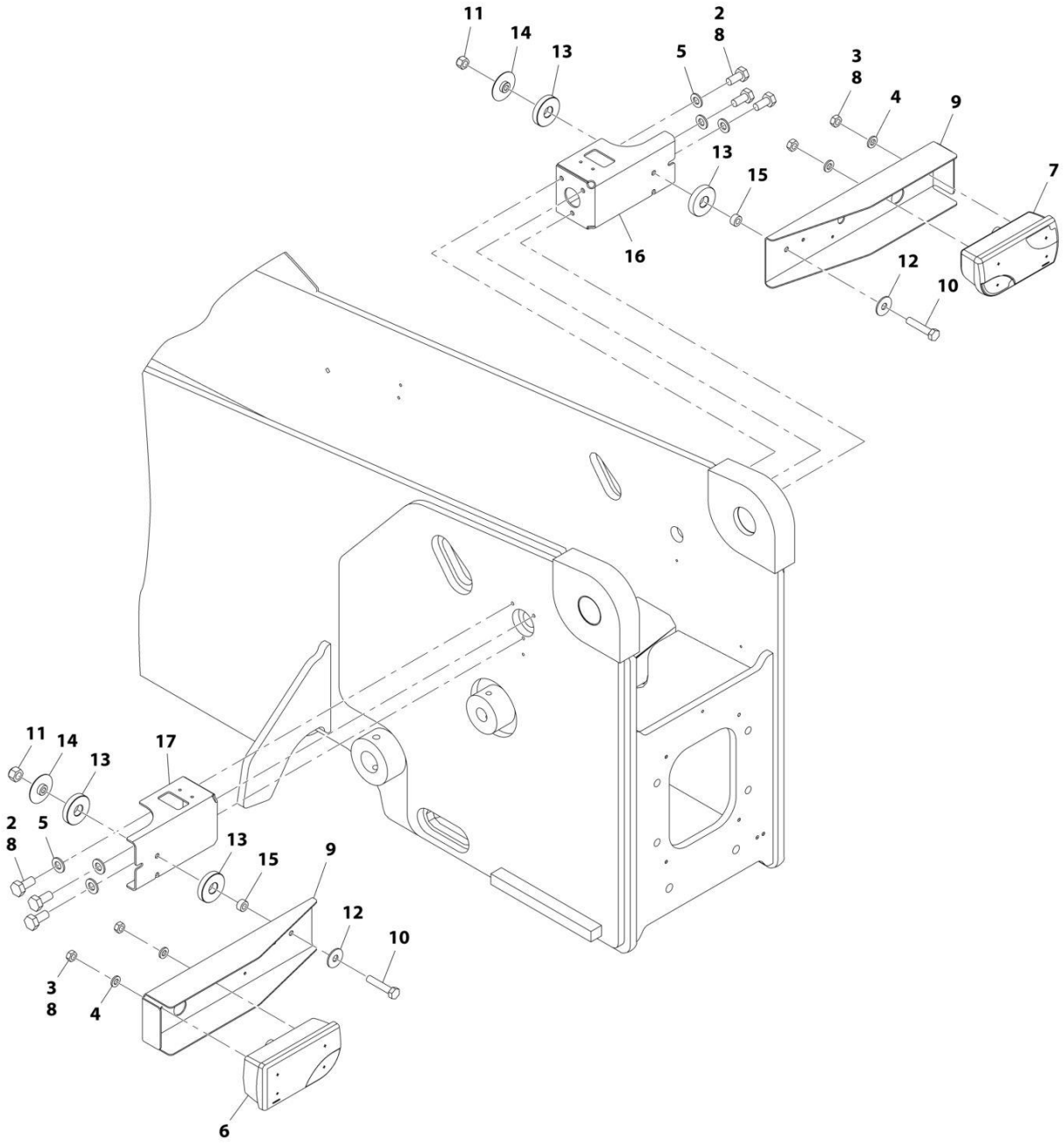
## FIGURE 10-42. DRIVING LIGHTS INSTALLATION (UK/IRELAND)



## FIGURE 10-42. DRIVING LIGHTS INSTALLATION (UK/IRELAND)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001144110 | Ref | Driving Lights Installation (UK/Ireland) | E |
| 1 | 0761012 | 6 | Bolt, M10X25 | |
| 4 | 4812000 | 6 | Washer, M10 | |
| 5 | 1001002778 | 1 | Driving Light, RH | |
| | 7029969 | 1 | Bulb, 4W | |
| | 7029970 | 1 | Bulb, 55W | |
| | 7029971 | 1 | Bulb, 21W | |
| 6 | 1001002779 | 1 | Driving Light, LH | |
| | 7029969 | 1 | Bulb, 4W | |
| | 7029970 | 1 | Bulb, 55W | |
| | 7029971 | 1 | Bulb, 21W | |
| 9 | 1001096913 | 2 | Cap, Lamp Bracket | |
| 10 | 1001144434 | 1 | Bracket, Light | |
| 12 | 1001145235 | 1 | Bracket, Light | |
| 13 | 1001095650 | AR | Compound, Locking | |

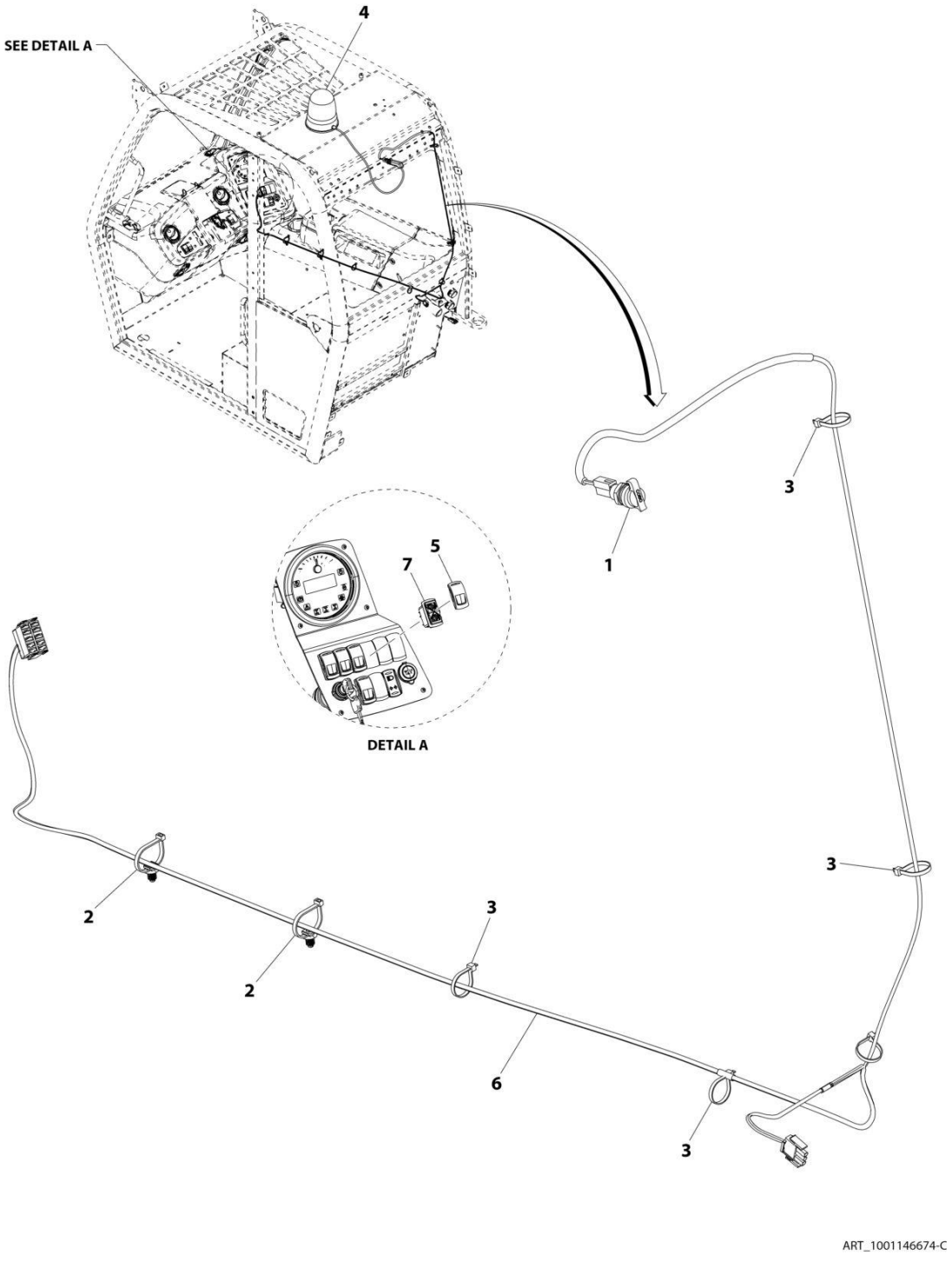
## FIGURE 10-43. REAR LIGHTS INSTALLATION



## FIGURE 10-43. REAR LIGHTS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171225 | Ref | Rear Lights Installation | D |
| 2 | 0761011 | 6 | Bolt, M10X32 | |
| 3 | 3290601 | 4 | Nut, M6X1 | |
| 4 | 4811700 | 4 | Washer, M6 | |
| 5 | 4812000 | 6 | Washer, M10 | |
| 6 | 1001091715 | 1 | Lamp, Rear, LH | |
| 7 | 1001091716 | 1 | Lamp, Rear, RH | |
| 8 | 1001095650 | AR | Compound, Locking | |
| 9 | 1001186687 | 2 | Bracket | |
| 10 | 0701220 | 2 | Bolt, M12X60 | |
| 11 | 3291205 | 2 | Nut, Lock, M12X1.75 | |
| 12 | 4812102 | 2 | Washer, M12 | |
| 13 | 8000565 | 4 | Washer | |
| 14 | 1001182490 | 2 | Washer | |
| 15 | 1001182495 | 2 | Washer | |
| 16 | 1001182999 | 1 | Bracket | |
| 17 | 1001183089 | 1 | Bracket | |

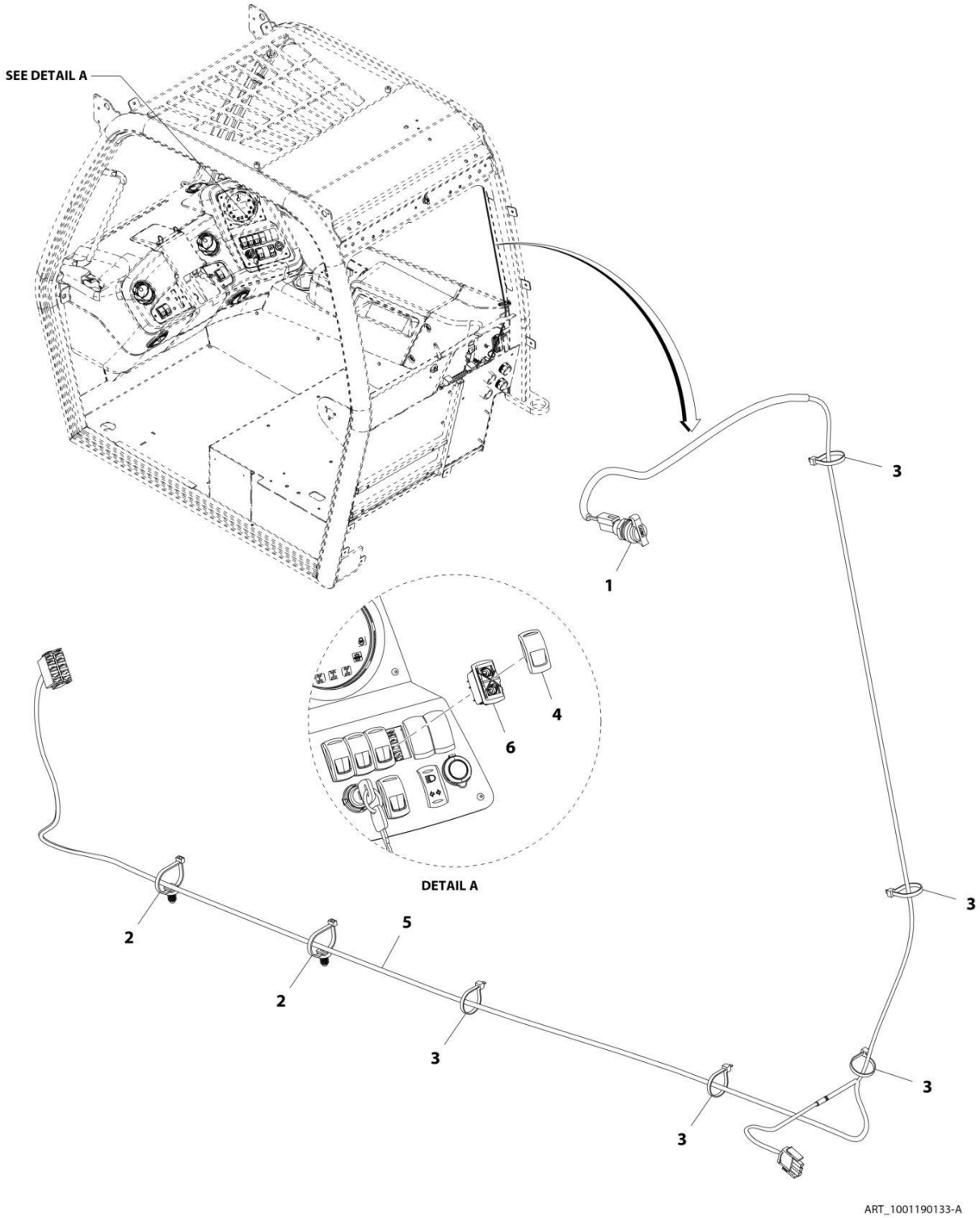
## FIGURE 10-44. BEACON INSTALLATION



## FIGURE 10-44. BEACON INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146674 | Ref | Beacon Installation | B |
| 1 | 4461174 | 1 | Terminal, 12V Power Supply | |
| 2 | 1001004720 | 2 | Strap, Cable | |
| 3 | 1001008559 | 5 | Strap, Cable | |
| 4 | 1001091573 | 1 | Beacon | |
| | 70020186 | 1 | Bulb | |
| 5 | 1001145263 | 1 | Switch, Rocker, Beacon | |
| 6 | 1001146676 | 1 | Harness, Beacon (See BEACON HARNESS for Breakdown) | |
| 7 | 1001146725 | 1 | Switch, SPST | |

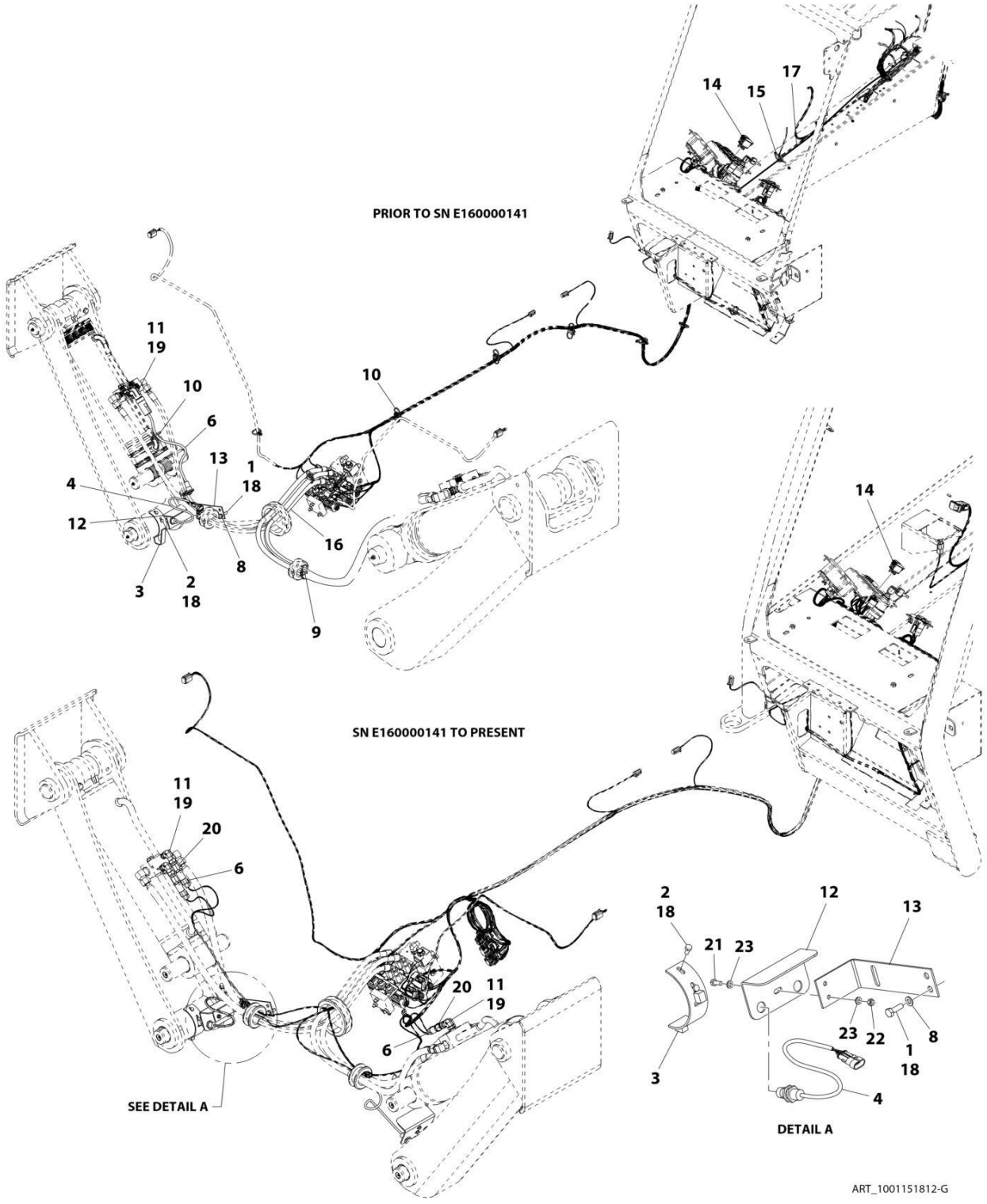
## FIGURE 10-45. BEACON READY INSTALLATION



## FIGURE 10-45. BEACON READY INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001190133 | Ref | Beacon Ready Installation | A |
| 1 | 4461174 | 1 | Terminal, 12V Power Supply | |
| 2 | 1001004720 | 2 | Strap, Cable | |
| 3 | 1001008559 | 5 | Strap, Cable | |
| 4 | 1001145263 | 1 | Switch, Rocker, Beacon | |
| 5 | 1001146676 | 1 | Harness, Beacon (See BEACON HARNESS for Breakdown) | |
| 6 | 1001146725 | 1 | Switch, SPST | |

## FIGURE 10-46. OUTRIGGERS DEPLOYED INSTALLATION - 4017RS

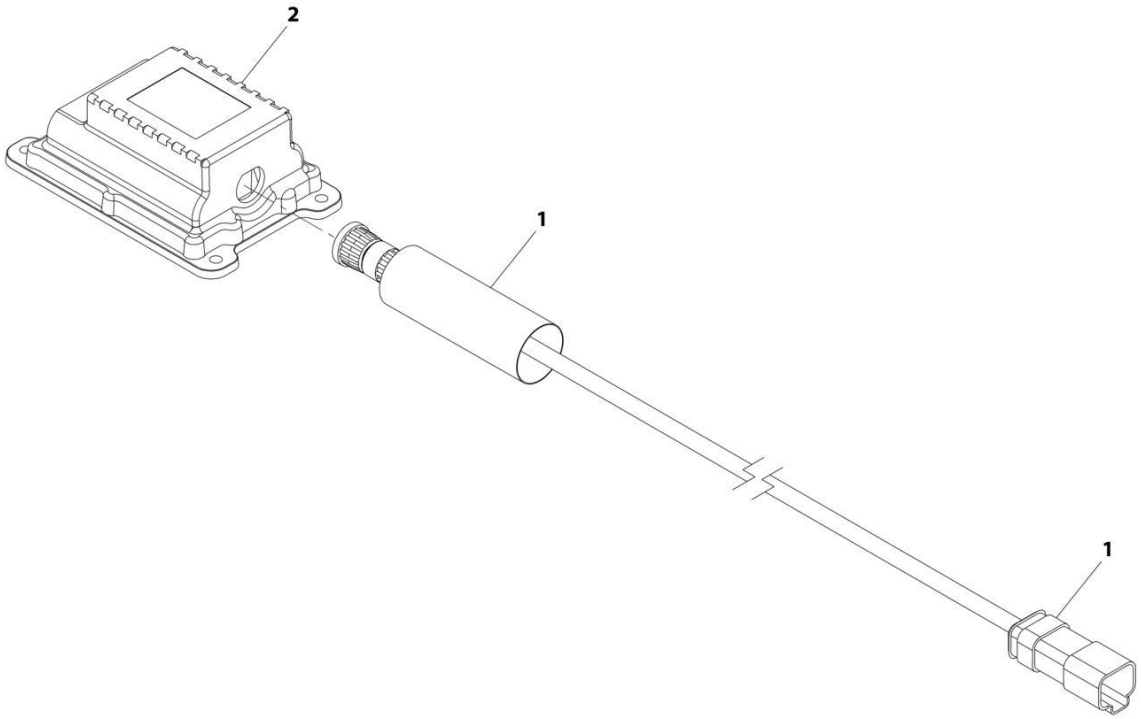


## FIGURE 10-46. OUTRIGGERS DEPLOYED INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151812 | Ref | Outriggers Deployed Installation - 4017RS | G |
| 1 | 0760812 | 4 | Bolt, M8X25 | |
| 2 | 0760606 | 4 | Bolt, M6X12 | |
| 3 | 0903342 | 2 | Bracket **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 3 | 1001238844 | 2 | Bracket **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 4 | 4000017 | 2 | Switch, Proximity | |
| 6 | 4360661 | 2 | Switch, Pressure **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 6 | 1001199043 | 2 | Switch, Pressure **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 8 | 4811900 | 4 | Washer, M8 | |
| 9 | 1001004723 | 7 | Saddle **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 10 | 1001008559 | 28 | Strap, Cable **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 11 | 1001159078 | 2 | Adapter **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 11 | 1001184365 | 2 | Adapter **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 12 | 1001106884 | 2 | Plate, Switch Cover **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 12 | 1001244647 | 2 | Plate, Switch Cover **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 13 | 1001107004 | 2 | Bracket, Proximity Support **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 13 | 1001244645 | 2 | Bracket, Proximity Support **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 14 | 1001145264 | 1 | Lamp, Outriggers Deployed **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 14 | 1001241809 | 1 | Lamp, Outriggers Deployed **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 15 | 1001146588 | 2 | Strap, Cable **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 16 | 1001151810 | 1 | Harness, Chassis, Outriggers Deployed (See OUTRIGGERS DEPLOYED CHASSIS HARNESS - 4017RS for Breakdown) **(SN 1160007024 through 1160007172)** | |
| 16 | 1001172310 | 1 | Harness, Chassis, Outriggers Deployed (See OUTRIGGERS DEPLOYED CHASSIS HARNESS - 4017RS for Breakdown) **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 17 | 1001151811 | 1 | Harness, Cab, Outriggers Deployed (See OUTRIGGERS DEPLOYED CAB HARNESS - 4017RS for Breakdown) **(SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 18 | 1001095650 | AR | Compound, Locking | |
| 19 | 1001166431 | AR | Compound, Locking | |
| 20 | 1001217078 | 4 | Adapter **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 21 | 0700608 | 4 | Bolt, M6X16 **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 22 | 3290601 | 4 | Nut, M6X1 **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |
| 23 | 4811700 | 8 | Washer, M6 **(SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)** | |

## FIGURE 10-47. CLEARSKY INSTALLATION 3-WIRE (CE)

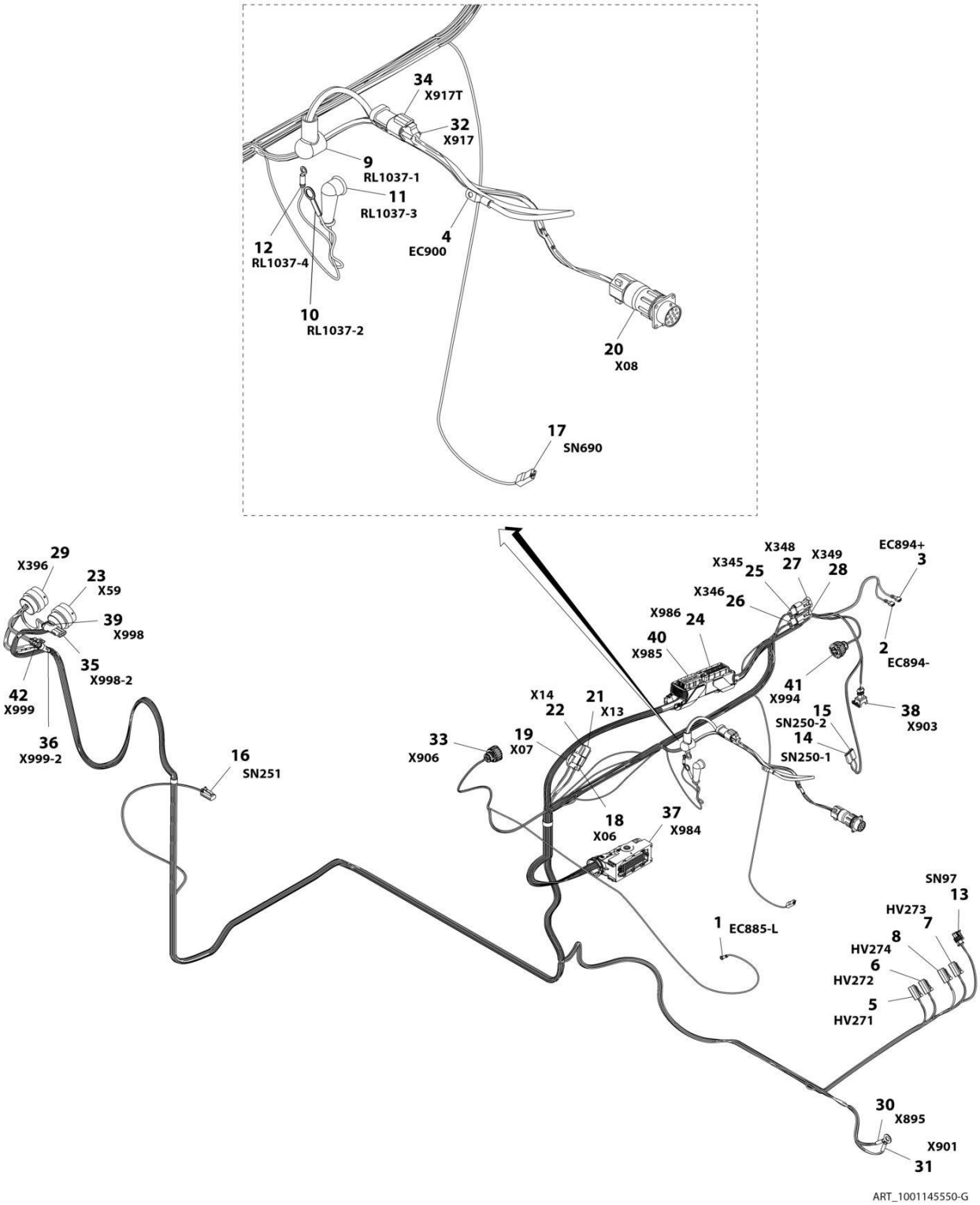



ART_1001233237-C

## FIGURE 10-47. CLEARSKY INSTALLATION 3-WIRE (CE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001233237 | Ref | Clearsky Installation 3-Wire (CE) | C |
| 1 | 1001227066 | 1 | Telematics Harness (See Separate Breakdown in this Section) | |
| 2 | 1001233236 | 1 | Module, 3W TCU | |

**FIGURE 10-48. ENGINE HARNESS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



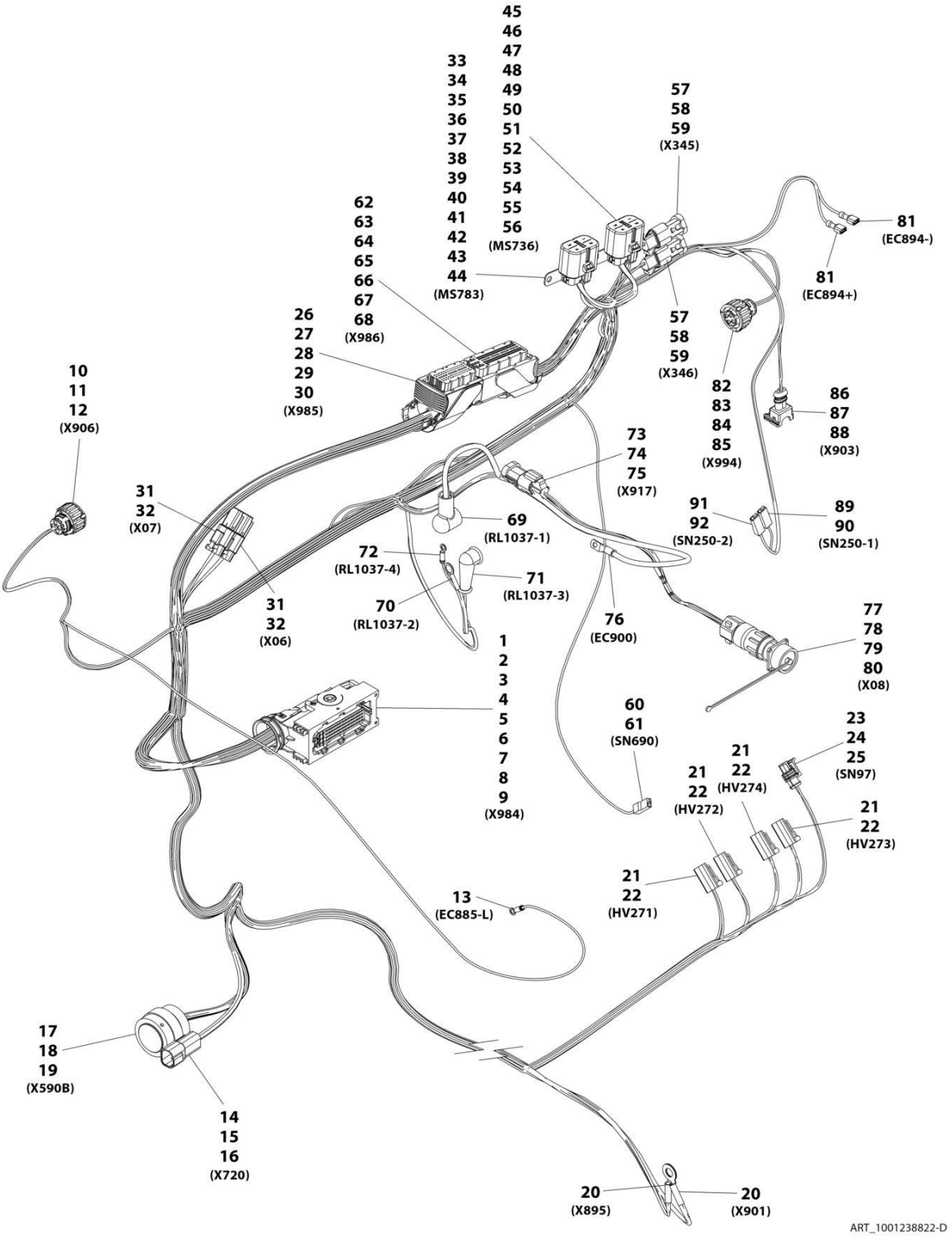
## FIGURE 10-48. ENGINE HARNESS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145550 | Ref | Engine Harness | G |
| 1 | 4460247 | 1 | Terminal, Ring | |
| 2 | 8220051 | 1 | Terminal, Ring | |
| 3 | 8220051 | 1 | Terminal, Ring | |
| 4 | 1001138592 | 1 | Terminal, Ring | |
| 5 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 1001116692 | 2 | Terminal, Socket | |
| 6 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 1001116692 | 2 | Terminal, Socket | |
| 7 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 1001116692 | 2 | Terminal, Socket | |
| 8 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 1001116692 | 2 | Terminal, Socket | |
| 9 | 8220115 | 1 | Terminal, Ring | |
| | 1001139217 | 1 | Boot | |
| 10 | 4460256 | 1 | Terminal, Ring | |
| 11 | 4460042 | 1 | Terminal, Ring | |
| | 1001139219 | 1 | Boot | |
| 12 | 4460247 | 1 | Terminal, Ring | |
| 13 | 4461118 | 1 | Connector | |
| | 1001116697 | 2 | Terminal | |
| | 1001104498 | 2 | Seal | |
| 14 | 1001116995 | 1 | Connector | |
| | 1001236622 | 1 | Terminal | |
| 15 | 1001116995 | 1 | Connector | |
| | 1001118379 | 2 | Terminal | |
| 16 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 1001116692 | 2 | Terminal, Socket | |
| 17 | 1001116995 | 1 | Connector | |
| | 1001118379 | 1 | Terminal | |
| 18 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460944 | 2 | Terminal, Socket | |
| 19 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460944 | 2 | Terminal, Socket | |
| 20 | 1001138155 | 1 | Connector | |
| | 1001134351 | 1 | Cap | |
| | 1001134581 | 1 | Shroud | |
| | 4461071 | 6 | Terminal, Socket | |
| 21 | 4460897 | 1 | Connector | |
| | 80604017 | 1 | Lock, Wedge | |
| 22 | 4460897 | 1 | Connector | |
| | 80604017 | 1 | Lock, Wedge | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 23 | 1001147923 | 1 | Connector | |
| | 4460465 | 19 | Terminal, Socket | |
| | 4460466 | 4 | Terminal, Plug | |
| 24 | 1001126349 | 1 | Connector | |
| | 1001126352 | 6 | Terminal | |
| | 1001126353 | 6 | Terminal, Seal | |
| | 1001126357 | 2 | Terminal, Cavity Plug | |
| | 1001126356 | 59 | Terminal, Cavity Plug | |
| | 1001126384 | 25 | Terminal | |
| | 1001126351 | 2 | Terminal | |
| 25 | 4461095 | 1 | Connector, Plug | |
| | 70021825 | 1 | Lock, Wedge | |
| | 4460944 | 2 | Terminal, Socket | |
| | 4460466 | 1 | Terminal, Plug | |
| 26 | 4461095 | 1 | Connector, Plug | |
| | 70021825 | 1 | Lock, Wedge | |
| | 4460944 | 2 | Terminal, Socket | |
| | 4460466 | 1 | Terminal, Plug | |
| 27 | 4461070 | 1 | Connector | |
| 28 | 4461070 | 1 | Connector | |
| 29 | 1001146685 | 1 | Connector | |
| | 1001116686 | 1 | Terminal, Plug | |
| | 4460465 | 12 | Terminal, Socket | |
| | 4460509 | 1 | Terminal | |
| 30 | 1001117110 | 1 | Terminal, Ring | |
| 31 | 1001117108 | 1 | Terminal, Ring | |
| 32 | 4461095 | 1 | Connector, Plug | |
| | 4460465 | 2 | Terminal, Socket | |
| | 4460466 | 1 | Terminal, Plug | |
| 33 | 1001133714 | 1 | Connector, Plug | |
| | 1001133715 | 3 | Terminal | |
| | 1001135650 | 3 | Seal, Wire | |
| | 1001135651 | 1 | Terminal, Cavity Plug | |
| 34 | 4461070 | 1 | Connector | |
| 35 | 4461119 | 1 | Connector | |
| | 1001116698 | 3 | Terminal, Cavity Plug | |
| 36 | 1001103013 | 1 | Connector | |
| | 1001116698 | 4 | Terminal, Cavity Plug | |
| 37 | 1001126362 | 1 | Connector | |
| | 1001126363 | 24 | Terminal | |
| | 1001126364 | 24 | Terminal, Seal Plug | |
| | 1001126391 | 22 | Terminal, Cavity Plug | |
| | 1001126392 | 10 | Terminal | |
| | 1001126393 | 10 | Terminal, Cavity Plug | |
| | 4461008 | 4 | Terminal, Cavity Plug | |
| | 1001126365 | 2 | Terminal | |
| | 4461054 | 2 | Seal, Wire | |
| 38 | 1001116983 | 1 | Connector | |
| | 1001166707 | 2 | Terminal | |
| | 1001137578 | 2 | Seal, Wire | |
| 39 | 4461262 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001116697 | 3 | Terminal | |
| | 1001116763 | 3 | Terminal, Seal | |
| 40 | 1001126360 | 1 | Connector | |
| | 1001126357 | 11 | Terminal, Cavity Plug | |
| | 1001126351 | 13 | Terminal | |
| | 1001126356 | 19 | Terminal, Cavity Plug | |
| | 1001126384 | 17 | Terminal | |
| 41 | 1001133714 | 1 | Connector | |
| | 1001133715 | 3 | Terminal | |
| | 1001135651 | 1 | Terminal, Cavity Plug | |
| | 1001135650 | 3 | Seal, Wire | |
| 42 | 1001103012 | 1 | Connector | |
| | 1001116697 | 4 | Terminal | |
| | 1001116763 | 4 | Terminal, Seal | |

**FIGURE 10-49. ENGINE HARNESS (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

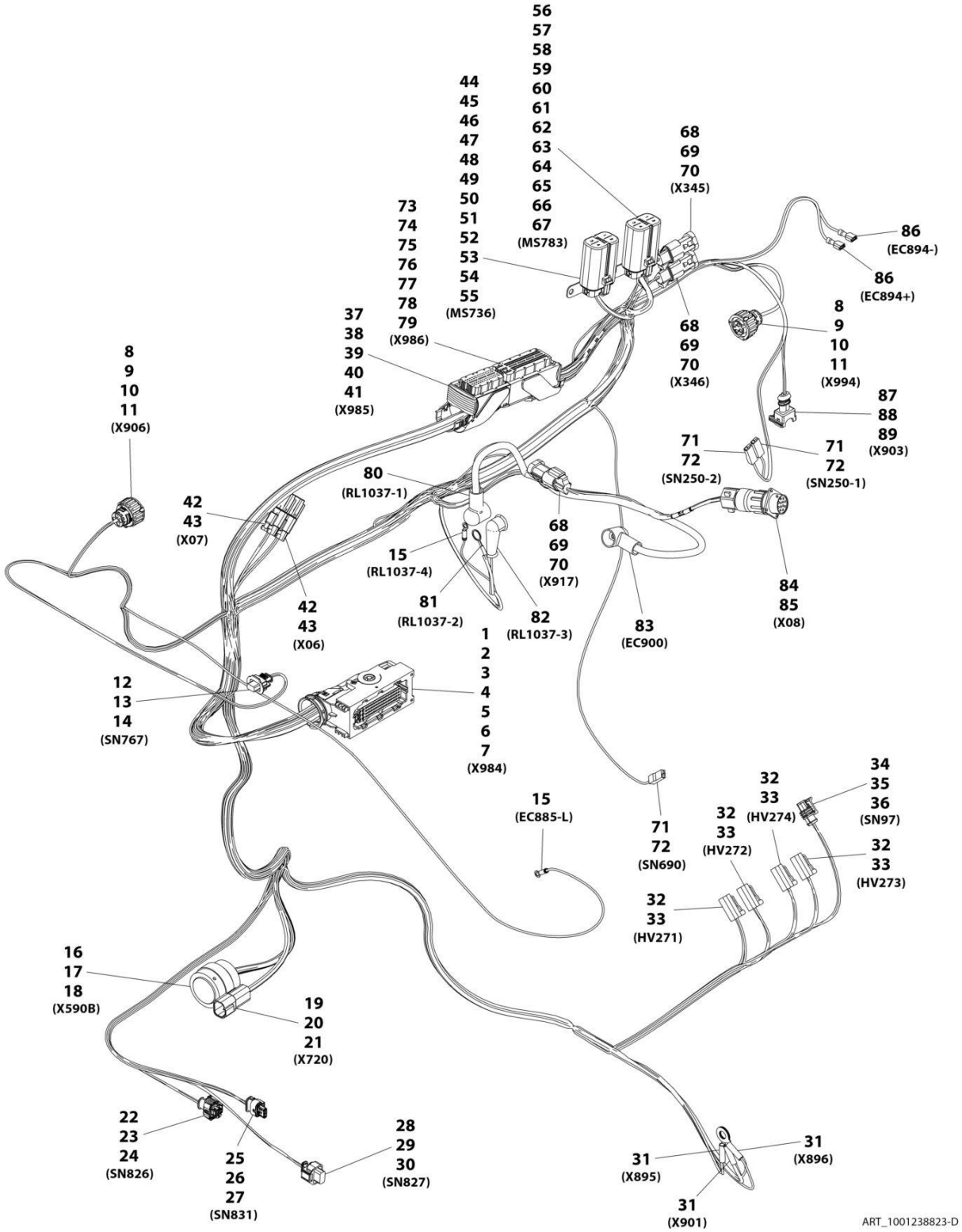


## FIGURE 10-49. ENGINE HARNESS (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238822 | Ref | Engine Harness | D |
| 1 | 1001126362 | 1 | Connector | |
| 2 | 1001126363 | 24 | Terminal | |
| 3 | 1001126364 | 24 | Terminal | |
| 4 | 1001126391 | 22 | Terminal | |
| 5 | 1001126392 | 10 | Terminal | |
| 6 | 1001126393 | 10 | Terminal | |
| 7 | 4461008 | 4 | Terminal | |
| 8 | 1001126365 | 2 | Terminal | |
| 9 | 4461054 | 2 | Terminal | |
| 10 | 1001133714 | 1 | Connector | |
| 11 | 1001133715 | 3 | Terminal | |
| 12 | 1001135651 | 1 | Terminal | |
| 13 | 4460247 | 1 | Connector | |
| 14 | 1001116811 | 1 | Connector | |
| 15 | 4460508 | 3 | Terminal | |
| 16 | 4460466 | 1 | Terminal | |
| 17 | 1001147923 | 1 | Connector | |
| 18 | 4460465 | 15 | Terminal | |
| 19 | 4460466 | 8 | Terminal | |
| 20 | 1001117110 | 1 | Connector | |
| 21 | 4460891 | 1 | Connector | |
| 22 | 1001116692 | 2 | Terminal | |
| 23 | 4461118 | 1 | Connector | |
| 24 | 1001116697 | 2 | Terminal | |
| 25 | 1001104498 | 2 | Terminal | |
| 26 | 1001126360 | 1 | Connector | |
| 27 | 1001126357 | 10 | Terminal | |
| 28 | 1001126351 | 13 | Terminal | |
| 29 | 1001126356 | 20 | Terminal | |
| 30 | 1001126384 | 17 | Terminal | |
| 31 | 4460891 | 1 | Connector | |
| 32 | 4460944 | 2 | Terminal | |
| 33 | 80484081 | 1 | Connector | |
| 34 | 1001129286 | 1 | Terminal | |
| 35 | 1001184548 | 1 | Terminal | |
| 36 | 8229247 | 1 | Terminal | |
| 37 | 1001242866 | 1 | Terminal | |
| 38 | 4460748 | 2 | Terminal | |
| 39 | 8220125 | 4 | Terminal | |
| 40 | 4460789 | 4 | Terminal | |
| 41 | 1001116747 | 1 | Terminal | |
| 42 | 4460458 | 1 | Terminal | |
| 43 | 1001116728 | 1 | Terminal | |
| 44 | 1001175265 | 1 | Terminal | |
| 45 | 80484081 | 1 | Connector | |
| 46 | 1001129286 | 1 | Terminal | |
| 47 | 1001184548 | 1 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 48 | 1001129285 | 1 | Terminal | |
| 49 | 8229242 | 1 | Terminal | |
| 50 | 8229244 | 1 | Terminal | |
| 51 | 1001116728 | 3 | Terminal | |
| 52 | 1001116747 | 3 | Terminal | |
| 53 | 8220125 | 2 | Terminal | |
| 54 | 1001175265 | 3 | Terminal | |
| 55 | 4460458 | 3 | Terminal | |
| 56 | 4460789 | 2 | Terminal | |
| 57 | 4461095 | 1 | Connector | |
| 58 | 4460944 | 2 | Terminal | |
| 59 | 4460466 | 1 | Terminal | |
| 60 | 1001116995 | 1 | Connector | |
| 61 | 1001118379 | 1 | Terminal | |
| 62 | 1001126349 | 1 | Connector | |
| 63 | 1001126352 | 6 | Terminal | |
| 64 | 1001126353 | 6 | Terminal | |
| 65 | 1001126357 | 2 | Terminal | |
| 66 | 1001126356 | 60 | Terminal | |
| 67 | 1001126384 | 24 | Terminal | |
| 68 | 1001126351 | 2 | Terminal | |
| 69 | 8220115 | 1 | Connector | |
| 70 | 4460256 | 1 | Connector | |
| 71 | 4460042 | 1 | Connector | |
| 72 | 4460247 | 1 | Connector | |
| 73 | 4461095 | 1 | Connector | |
| 74 | 4460465 | 2 | Terminal | |
| 75 | 4460466 | 1 | Terminal | |
| 76 | 1001138592 | 1 | Connector | |
| 77 | 1001138155 | 1 | Connector | |
| 78 | 1001134581 | 1 | Terminal | |
| 79 | 1001134351 | 1 | Terminal | |
| 80 | 4461071 | 7 | Terminal | |
| 81 | 8220051 | 1 | Connector | |
| 82 | 1001133714 | 1 | Connector | |
| 83 | 1001133715 | 3 | Terminal | |
| 84 | 1001135650 | 3 | Terminal | |
| 85 | 1001135651 | 1 | Terminal | |
| 86 | 1001116983 | 1 | Connector | |
| 87 | 1001166707 | 2 | Terminal | |
| 88 | 1001137578 | 2 | Terminal | |
| 89 | 1001116995 | 1 | Connector | |
| 90 | 1001236622 | 1 | Terminal | |
| 91 | 1001116995 | 1 | Connector | |
| 92 | 1001118379 | 1 | Terminal | |

## FIGURE 10-50. ENGINE HARNESS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

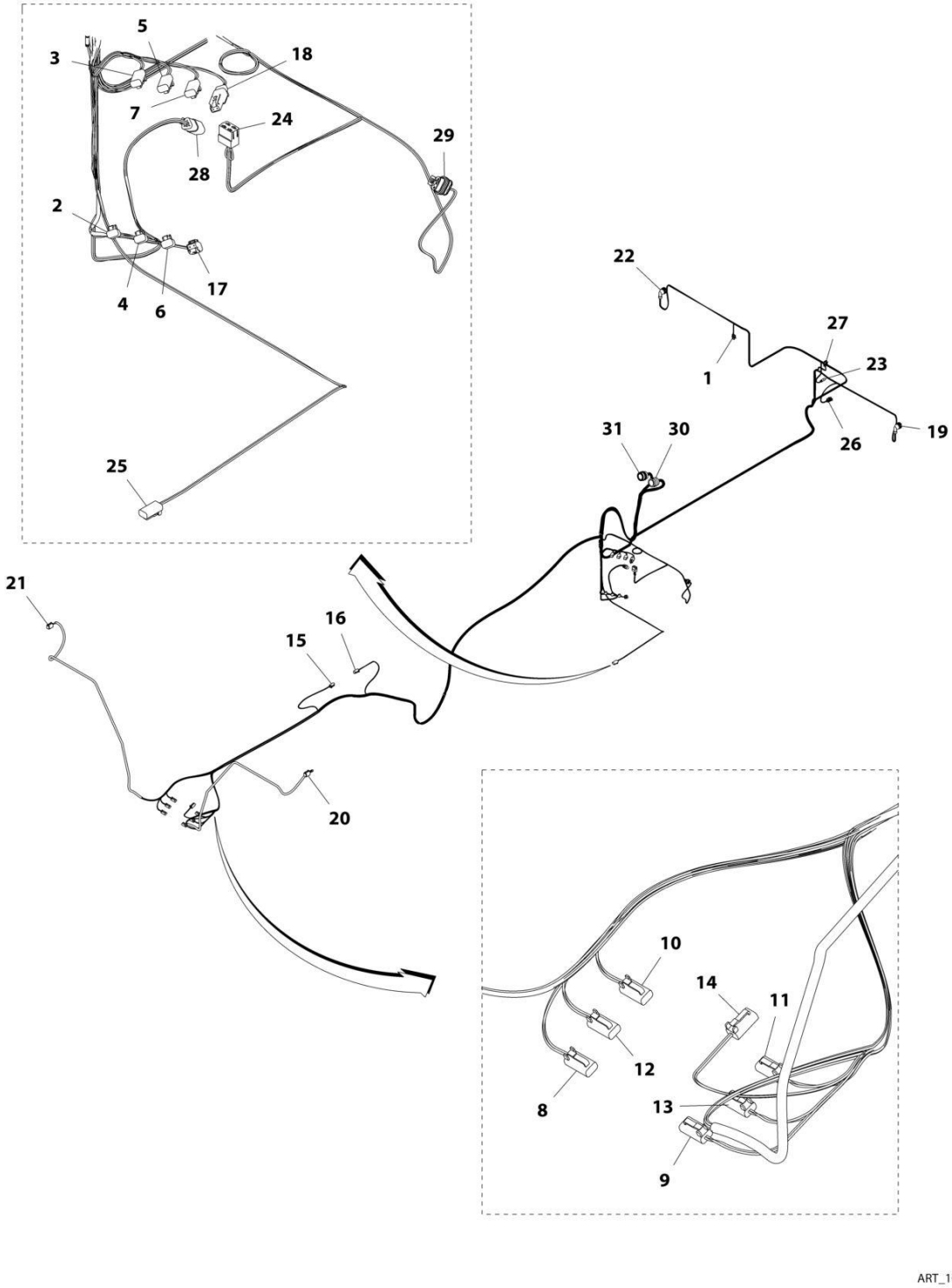


## FIGURE 10-50. ENGINE HARNESS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238823 | Ref | Engine Harness | D |
| 8 | 1001133714 | 2 | Connector | |
| 9 | 1001133715 | 3 | Terminal | |
| 10 | 1001135650 | 3 | Seal | |
| 11 | 1001135651 | 1 | Terminal | |
| 12 | 1001167674 | 1 | Connector | |
| 13 | 1001126484 | 2 | Terminal | |
| 14 | 1001126485 | 2 | Seal | |
| 15 | 4460247 | 2 | Connector | |
| 16 | 1001147923 | 1 | Connector | |
| 17 | 4460465 | 15 | Terminal | |
| 18 | 4460466 | 8 | Terminal | |
| 19 | 1001116811 | 1 | Connector | |
| 20 | 4460508 | 3 | Terminal | |
| 21 | 4460466 | 1 | Terminal | |
| 22 | 1001239733 | 1 | Connector | |
| 23 | 1001126484 | 2 | Terminal | |
| 24 | 1001126485 | 2 | Seal | |
| 25 | 1001247948 | 1 | Connector | |
| 26 | 1001247955 | 3 | Terminal | |
| 27 | 1001247969 | 3 | Seal | |
| 28 | 1001167679 | 1 | Connector | |
| 29 | 1001126484 | 2 | Terminal | |
| 30 | 1001126485 | 2 | Seal | |
| 31 | 1001117110 | 1 | Terminal Ring | |
| 32 | 4460891 | 4 | Connector | |
| 33 | 1001116692 | 2 | Terminal | |
| 34 | 4461118 | 1 | Connector | |
| 35 | 1001116697 | 2 | Terminal | |
| 36 | 1001104498 | 2 | Seal | |
| 37 | 1001126360 | 1 | Connector | |
| 38 | 1001126357 | 11 | Terminal | |
| 39 | 1001126351 | 13 | Terminal | |
| 40 | 1001126356 | 10 | Terminal | |
| 41 | 1001126384 | 26 | Terminal | |
| 42 | 4460891 | 4 | Connector | |
| 43 | 4460465 | 2 | Terminal | |
| 44 | 80484081 | 1 | Connector | |
| 45 | 1001129286 | 1 | Terminal | |
| 46 | 1001184548 | 1 | Bracket | |
| 47 | 1001129285 | 1 | Diode | |
| 48 | 8229242 | 1 | Fuse | |
| 49 | 8229244 | 1 | Fuse | |
| 50 | 1001116728 | 3 | Terminal | |
| 51 | 1001175265 | 3 | Seal | |
| 52 | 1001116747 | 3 | Terminal | |
| 53 | 4460458 | 3 | Seal | |
| 54 | 8220125 | 2 | Terminal | |
| 55 | 4460789 | 2 | Seal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 56 | 80484081 | 1 | Connector | |
| 57 | 1001129286 | 1 | Terminal | |
| 58 | 1001184548 | 1 | Bracket | |
| 59 | 8229247 | 1 | Fuse | |
| 60 | 1001242866 | 1 | Relay | |
| 61 | 4460748 | 2 | Terminal | |
| 62 | 8220125 | 3 | Terminal | |
| 63 | 4460789 | 3 | Seal | |
| 64 | 1001116747 | 1 | Terminal | |
| 65 | 4460458 | 1 | Seal | |
| 66 | 4460746 | 2 | Terminal | |
| 67 | 8220079 | 2 | Seal | |
| 68 | 4461095 | 3 | Connector | |
| 69 | 4460944 | 2 | Terminal | |
| 70 | 4460466 | 1 | Terminal | |
| 71 | 1001116995 | 3 | Connector | |
| 72 | 1001118379 | 1 | Terminal | |
| 73 | 1001126349 | 1 | Connector | |
| 74 | 1001126352 | 6 | Terminal | |
| 75 | 1001126353 | 6 | Seal | |
| 76 | 1001126357 | 2 | Terminal | |
| 77 | 1001126356 | 49 | Terminal | |
| 78 | 1001126384 | 34 | Terminal | |
| 79 | 1001126351 | 3 | Terminal | |
| 80 | 1001117112 | 1 | Connector | |
| 81 | 4460019 | 1 | Connector | |
| 82 | 4460042 | 1 | Connector | |
| 83 | 1001148375 | 1 | Connector | |
| 84 | 1001138155 | 1 | Connector | |
| 85 | 4461071 | 6 | Terminal | |
| 86 | 8220051 | 2 | Connector | |
| 87 | 1001116983 | 1 | Connector | |
| 88 | 1001116710 | 2 | Terminal | |
| 89 | 1001137578 | 2 | Seal | |
| 90 | 1001126362 | 1 | Connector | |
| 91 | 1001126363 | 34 | Terminal | |
| 92 | 1001126364 | 34 | Seal | |
| 93 | 1001126391 | 10 | Terminal | |
| 94 | 1001126392 | 12 | Terminal | |
| 95 | 1001126393 | 12 | Seal | |
| 96 | 4461008 | 4 | Terminal | |
| 97 | 1001167632 | 2 | Terminal | |
| 98 | 1001137578 | 2 | Seal | |
| 99 | 1001187078 | 1 | Terminal Ring | |

**FIGURE 10-51. CHASSIS HARNESS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)**



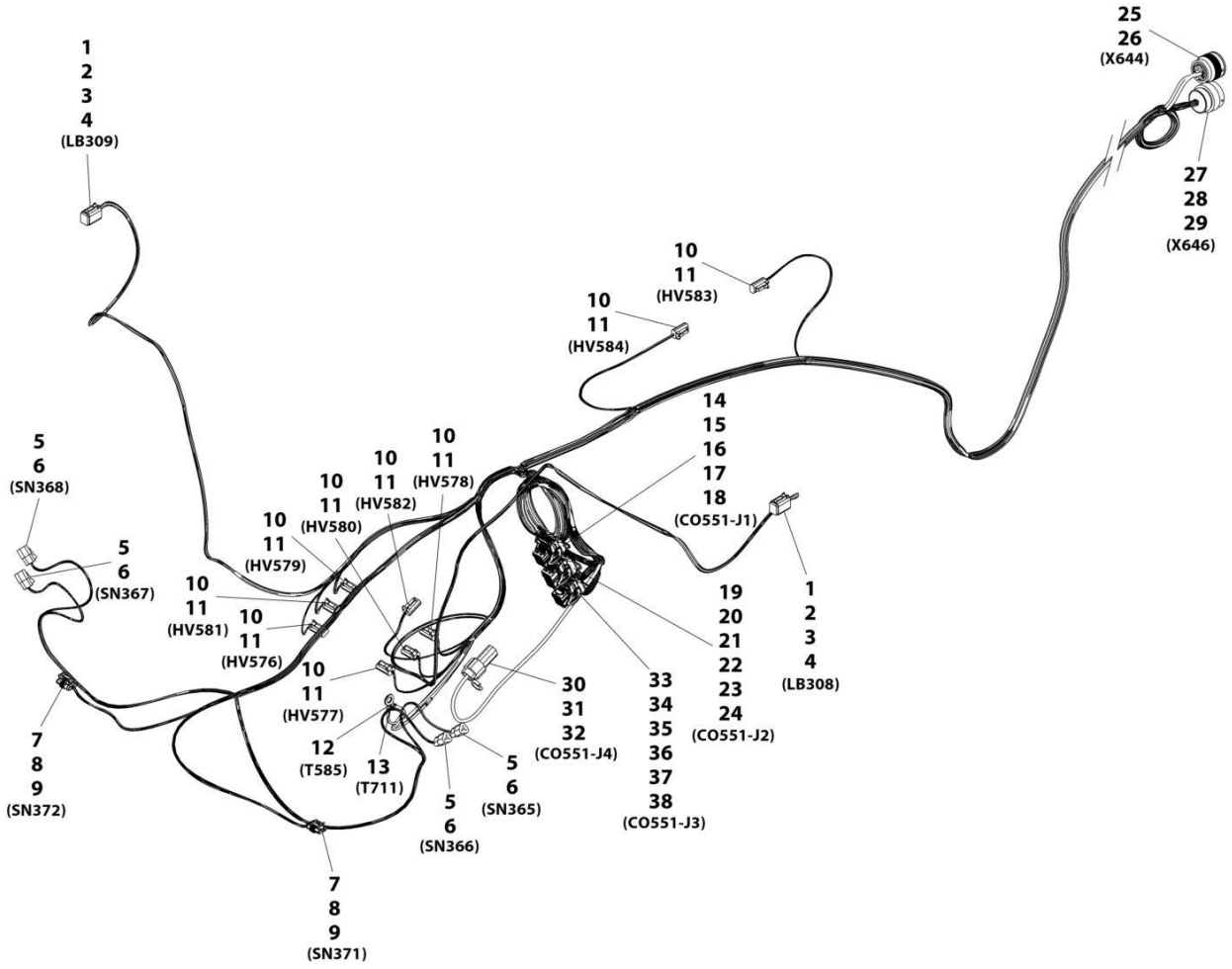
## FIGURE 10-51. CHASSIS HARNESS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146585 | Ref | Chassis Harness | E |
| 1 | 4461118 | 1 | Connector | |
| | 1001116697 | 2 | Terminal | |
| | 1001104498 | 2 | Seal | |
| 2 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 3 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 4 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 5 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 6 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 7 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 8 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 9 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 10 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 11 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 12 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 13 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 14 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 15 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 16 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 17 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460897 | 1 | Connector | |
| | 80604017 | 1 | Lock, Wedge | |
| | 4460466 | 2 | Terminal, Plug | |
| | 4460465 | 2 | Terminal, Socket | |
| 18 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460897 | 1 | Connector | |
| | 80604017 | 1 | Lock, Wedge | |
| | 4460466 | 2 | Terminal, Plug | |
| | 4460465 | 2 | Terminal, Socket | |
| 19 | 1001116996 | 1 | Connector | |
| | 1001118392 | 1 | Terminal | |
| | 4461054 | 1 | Seal, Wire | |
| | 1001118393 | 5 | Terminal | |
| | 1001137578 | 5 | Seal, Wire | |
| | 4461008 | 1 | Terminal, Cavity Plug | |
| 20 | 4460894 | 1 | Connector, Plug | |
| | 80604023 | 1 | Lock, Wedge | |
| | 70020801 | 1 | Boot | |
| | 4460465 | 5 | Terminal, Socket | |
| | 4460466 | 1 | Terminal, Plug | |
| 21 | 4460894 | 1 | Connector, Plug | |
| | 80604023 | 1 | Lock, Wedge | |
| | 70020801 | 1 | Boot | |
| | 4460465 | 5 | Terminal, Socket | |
| | 4460466 | 1 | Terminal, Plug | |
| 22 | 1001116996 | 1 | Connector | |
| | 1001118392 | 1 | Terminal | |
| | 4461054 | 1 | Seal, Wire | |
| | 1001118393 | 5 | Terminal | |
| | 1001137578 | 5 | Seal, Wire | |
| | 4461008 | 1 | Terminal, Cavity Plug | |
| 23 | 1001117133 | 1 | Connector | |
| | 1001104519 | 2 | Terminal | |
| 24 | 1001116986 | 1 | Connector | |
| | 1001104519 | 6 | Terminal | |
| 25 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 2 | Terminal, Socket | |
| 26 | 4461262 | 1 | Connector | |
| | 1001116697 | 3 | Terminal | |
| | 1001104498 | 3 | Seal | |
| 27 | 4461262 | 1 | Connector | |
| | 1001116697 | 3 | Terminal | |
| | 1001104498 | 3 | Seal | |
| 28 | 4460539 | 1 | Connector, Plug | |
| | 77363244 | 1 | Lock, Wedge | |
| | 4460465 | 3 | Terminal, Socket | |
| 29 | 4461262 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001116697 | 2 | Terminal | |
| | 1001104498 | 2 | Seal | |
| | 1001116698 | 1 | Terminal, Cavity Plug | |
| 30 | 1001116921 | 1 | Connector | |
| | 4460465 | 27 | Terminal, Socket | |
| | 4460466 | 4 | Terminal, Plug | |
| 31 | 1001121960 | 1 | Connector, Plug | |
| | 4460464 | 30 | Terminal | |
| | 4460466 | 1 | Terminal, Plug | |

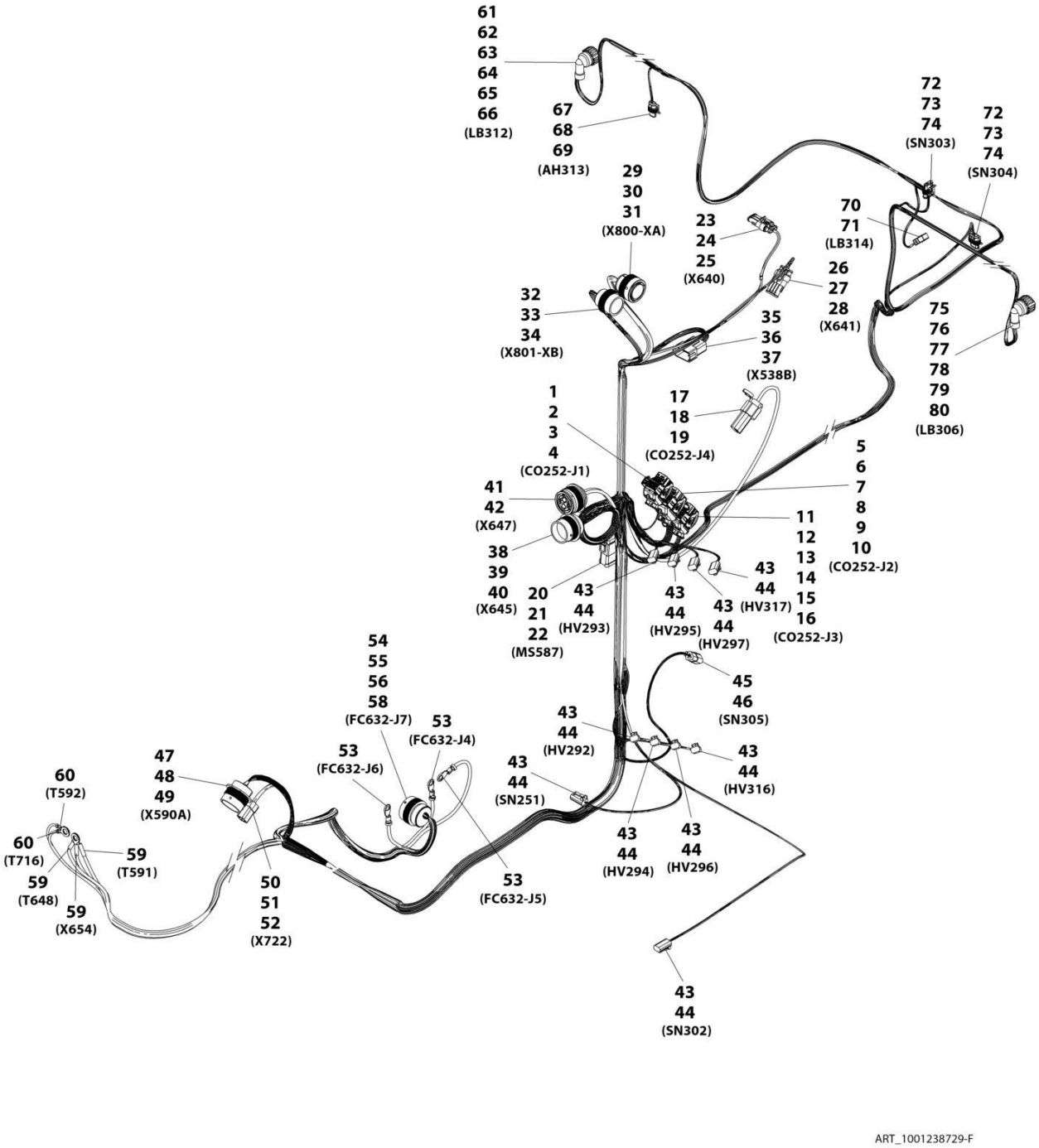
## FIGURE 10-52. FRONT FRAME HARNESS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)



## FIGURE 10-52. FRONT FRAME HARNESS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237510 | Ref | Front Frame Harness | E |
| 1 | 4460894 | 1 | Connector | |
| 2 | 4460942 | 1 | Terminal | |
| 3 | 4460465 | 4 | Terminal | |
| 4 | 4460466 | 1 | Terminal | |
| 5 | 4460539 | 1 | Connector | |
| 6 | 4460465 | 3 | Terminal | |
| 7 | 4461262 | 1 | Connector | |
| 8 | 1001116697 | 3 | Terminal | |
| 9 | 1001104498 | 3 | Terminal | |
| 10 | 4460891 | 1 | Connector | |
| 11 | 4460465 | 2 | Terminal | |
| 12 | 1001187079 | 1 | Connector | |
| 13 | 1001187080 | 1 | Connector | |
| 14 | 1001161957 | 1 | Connector | |
| 15 | 1001161095 | 14 | Terminal | |
| 16 | 1001161100 | 11 | Terminal | |
| 17 | 1001161101 | 5 | Terminal | |
| 18 | 1001161099 | 2 | Terminal | |
| 19 | 1001161963 | 1 | Connector | |
| 20 | 1001161095 | 18 | Terminal | |
| 21 | 1001161100 | 22 | Terminal | |
| 22 | 1001161099 | 3 | Terminal | |
| 23 | 1001161101 | 3 | Terminal | |
| 24 | 1001161098 | 2 | Terminal | |
| 25 | 1001165310 | 1 | Connector | |
| 26 | 91013192 | 2 | Terminal | |
| 27 | 1001147923 | 1 | Connector | |
| 28 | 4460465 | 21 | Terminal | |
| 29 | 4460466 | 2 | Terminal | |
| 30 | 1001160509 | 1 | Connector | |
| 31 | 1001160510 | 1 | Terminal | |
| 32 | 1001175266 | 1 | Terminal | |
| 33 | 1001160509 | 1 | Connector | |
| 34 | 1001161095 | 13 | Terminal | |
| 35 | 1001161100 | 11 | Terminal | |
| 36 | 1001161099 | 4 | Terminal | |
| 37 | 1001161098 | 3 | Terminal | |
| 38 | 1001161101 | 1 | Terminal | |

## FIGURE 10-53. REAR FRAME HARNESS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

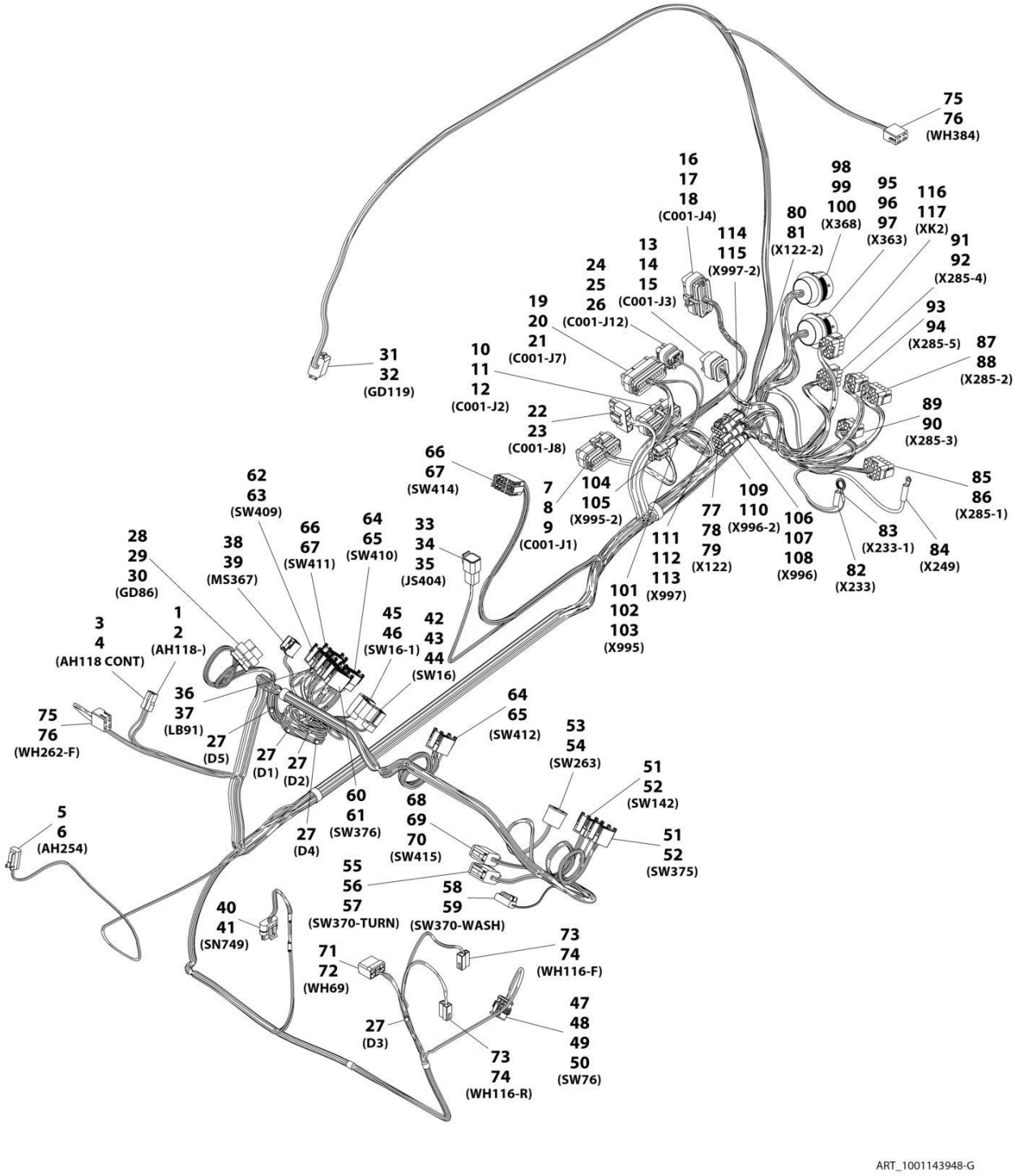


## FIGURE 10-53. REAR FRAME HARNESS (SN E160000141 through E160000496, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001238729 | Ref | Rear Frame Harness | F |
| 1 | 1001161957 | 1 | Connector | |
| 2 | 1001161095 | 1 | Terminal | |
| 3 | 1001161100 | 23 | Terminal | |
| 4 | 1001161101 | 8 | Terminal | |
| 5 | 1001161963 | 1 | Connector | |
| 6 | 1001161095 | 22 | Terminal | |
| 7 | 1001161100 | 18 | Terminal | |
| 8 | 1001161099 | 4 | Terminal | |
| 9 | 1001161101 | 2 | Terminal | |
| 10 | 1001161098 | 2 | Terminal | |
| 11 | 1001160500 | 1 | Connector | |
| 12 | 1001161100 | 20 | Terminal | |
| 13 | 1001161095 | 4 | Terminal | |
| 14 | 1001161098 | 6 | Terminal | |
| 15 | 1001161099 | 1 | Terminal | |
| 16 | 1001161101 | 1 | Terminal | |
| 17 | 1001160509 | 1 | Connector | |
| 18 | 1001160510 | 1 | Terminal | |
| 19 | 1001175266 | 1 | Terminal | |
| 20 | 4460933 | 1 | Connector | |
| 21 | 4460466 | 6 | Terminal | |
| 22 | 4460465 | 6 | Terminal | |
| 23 | 4461262 | 1 | Connector | |
| 24 | 1001116697 | 3 | Terminal | |
| 25 | 1001104498 | 3 | Terminal | |
| 26 | 1001103012 | 1 | Connector | |
| 27 | 1001116697 | 4 | Terminal | |
| 28 | 1001104498 | 4 | Terminal | |
| 29 | 1001118323 | 1 | Connector | |
| 30 | 4460942 | 4 | Terminal | |
| 31 | 91013192 | 2 | Terminal | |
| 32 | 4461015 | 1 | Connector | |
| 33 | 4460465 | 7 | Terminal | |
| 34 | 4460466 | 7 | Terminal | |
| 35 | 4460970 | 1 | Connector | |
| 36 | 4460464 | 11 | Terminal | |
| 37 | 4460466 | 1 | Terminal | |
| 38 | 1001148106 | 1 | Connector | |
| 39 | 4460464 | 21 | Terminal | |
| 40 | 4460466 | 2 | Terminal | |
| 41 | 1001165311 | 1 | Connector | |
| 42 | 91013191 | 2 | Terminal | |
| 43 | 4460891 | 10 | Connector | |
| 44 | 4460465 | 20 | Terminal | |
| 45 | 4460539 | 1 | Connector | |
| 46 | 4460465 | 3 | Terminal | |
| 47 | 1001148106 | 1 | Connector | |
| 48 | 4460464 | 15 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 49 | 4460466 | 8 | Terminal | |
| 50 | 1001116810 | 1 | Connector | |
| 51 | 4460509 | 3 | Terminal | |
| 52 | 4460466 | 1 | Terminal | |
| 53 | 1001187075 | 3 | Connector | |
| 54 | 1001165309 | 1 | Connector | |
| 55 | 4460466 | 5 | Terminal | |
| 56 | 4460465 | 7 | Terminal | |
| 58 | 4460509 | 7 | Terminal | |
| 59 | 1001117108 | 3 | Connector | |
| 60 | 1001187079 | 2 | Connector | |
| 61 | 1001116996 | 1 | Connector | |
| 62 | 1001118392 | 1 | Terminal | |
| 63 | 4461054 | 1 | Terminal | |
| 64 | 1001118393 | 5 | Terminal | |
| 65 | 1001137578 | 5 | Terminal | |
| 66 | 4461008 | 1 | Terminal | |
| 67 | 4461118 | 1 | Connector | |
| 68 | 1001116697 | 2 | Terminal | |
| 69 | 1001104498 | 2 | Terminal | |
| 70 | 1001117133 | 1 | Connector | |
| 71 | 1001104519 | 2 | Terminal | |
| 72 | 4461262 | 1 | Connector | |
| 73 | 1001116697 | 3 | Terminal | |
| 74 | 1001104498 | 3 | Terminal | |
| 75 | 1001116996 | 1 | Connector | |
| 76 | 1001118392 | 1 | Terminal | |
| 77 | 4461054 | 1 | Terminal | |
| 78 | 1001118393 | 5 | Terminal | |
| 79 | 1001137578 | 5 | Terminal | |
| 80 | 4461008 | 1 | Terminal | |

## FIGURE 10-54. CAB HARNESS (SN 1160007024 through 1160007172, Excluding 1160007172, 1160007176, 1160007198 and 1160007201)



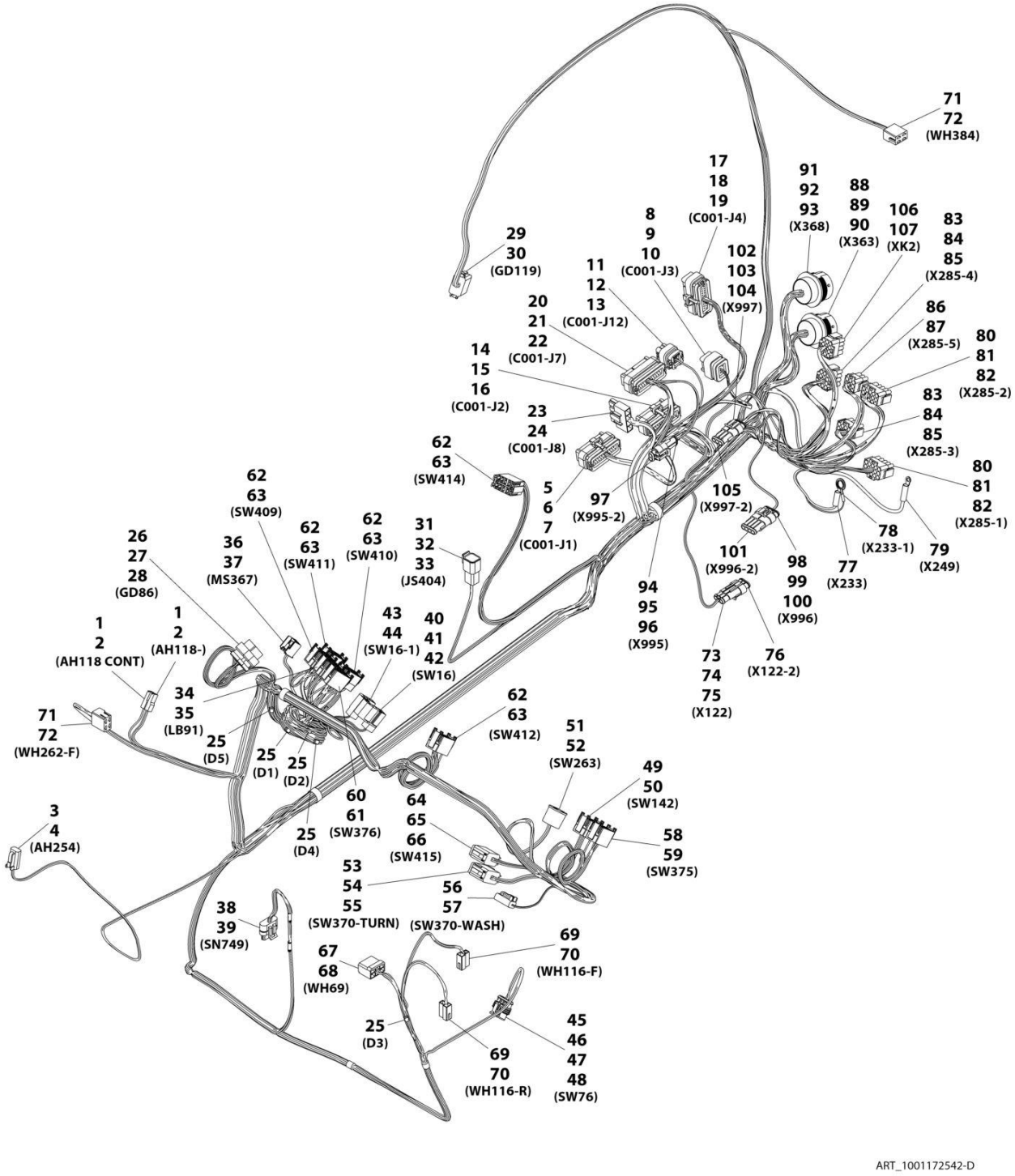
## FIGURE 10-54. CAB HARNESS (SN 1160007024 through 1160007172, Excluding 1160007172, 1160007176, 1160007198 and 1160007201)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001143948 | Ref | Cab Harness | G |
| 1 | 1001116995 | 1 | Connector | |
| | 1001118379 | 2 | Terminal | |
| 2 | 1001116995 | 1 | Connector | |
| | 1001118379 | 1 | Terminal | |
| 3 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 1001116692 | 2 | Terminal, Socket | |
| 4 | 4460874 | 1 | Connector | |
| | 4460871 | 10 | Terminal, Socket | |
| | 4460905 | 25 | Terminal, Cavity Plug | |
| 5 | 4460872 | 1 | Connector | |
| | 4460905 | 9 | Terminal, Cavity Plug | |
| | 4460871 | 5 | Terminal, Socket | |
| 6 | 1001113961 | 1 | Connector | |
| | 4460871 | 1 | Terminal, Socket | |
| | 4460905 | 7 | Terminal, Cavity Plug | |
| 7 | 4460875 | 1 | Connector | |
| | 4460905 | 14 | Terminal, Cavity Plug | |
| | 4460871 | 21 | Terminal, Socket | |
| 8 | 4460876 | 1 | Connector | |
| | 4460905 | 22 | Terminal, Cavity Plug | |
| | 4460871 | 13 | Terminal, Socket | |
| 9 | 4460873 | 1 | Connector | |
| | 4460905 | 23 | Terminal, Cavity Plug | |
| | 4460871 | 12 | Terminal, Socket | |
| 10 | 4460878 | 1 | Connector | |
| | 4460887 | 2 | Terminal | |
| 11 | 3990010 | 1 | Diode | |
| 12 | 3990010 | 1 | Diode | |
| 13 | 3990010 | 1 | Diode | |
| 14 | 3990010 | 1 | Diode | |
| 15 | 3990010 | 1 | Diode | |
| 16 | 4460872 | 1 | Connector | |
| | 4460871 | 9 | Terminal, Socket | |
| | 4460905 | 5 | Terminal, Cavity Plug | |
| 17 | 4460930 | 1 | Connector, Plug | |
| | 80604025 | 1 | Lock, Wedge | |
| | 1001098570 | 1 | Magnet | |
| | 1001116692 | 8 | Terminal, Socket | |
| 18 | 4461217 | 1 | Connector | |
| | 70020823 | 1 | Lock, Wedge | |
| | 1001126010 | 4 | Terminal, Pin | |
| | 4460518 | 2 | Terminal, Plug | |
| 19 | 1001145234 | 1 | Connector | |
| | 1001104519 | 6 | Terminal | |
| 20 | 1001118684 | 1 | Connector | |
| | 1001116754 | 1 | Terminal | |
| 21 | 1001117064 | NLA | Connector, (no longer available, use 1001230931 for replacement) | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001230931 | 1 | Connector | |
| | 91554014 | NLA | Terminal, (no longer available, use 1001116748 for replacement) | |
| | 1001116748 | 6 | Terminal | |
| 22 | 1001118685 | 1 | Connector | |
| | 1001104519 | 1 | Terminal | |
| | 1001118383 | 1 | Terminal | |
| 23 | 1001117121 | 1 | Connector | |
| | 1001104519 | 2 | Terminal | |
| 24 | 1001103012 | 1 | Connector | |
| | 1001116698 | 2 | Terminal, Cavity Plug | |
| | 1001116697 | 2 | Terminal | |
| | 1001104498 | 2 | Seal | |
| 25 | 1001145234 | 1 | Connector | |
| | 1001104519 | 8 | Terminal | |
| 26 | 1001153337 | 1 | Connector | |
| | 1001104519 | 4 | Terminal | |
| 27 | 4460933 | 1 | Connector, Plug | |
| | 80604016 | 1 | Lock, Wedge | |
| | 1001116692 | 10 | Terminal, Socket | |
| | 4460466 | 2 | Terminal, Plug | |
| 28 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 1001116692 | 2 | Terminal, Socket | |
| 29 | 1001145234 | 1 | Connector | |
| | 1001104519 | 7 | Terminal | |
| 30 | 1001145234 | 1 | Connector | |
| | 1001104519 | 13 | Terminal | |
| 31 | 1001145234 | 1 | Connector | |
| | 1001104519 | 6 | Terminal | |
| 32 | 1001145234 | 1 | Connector | |
| | 1001104519 | 12 | Terminal | |
| 33 | 1001145234 | 1 | Connector | |
| | 1001104519 | 8 | Terminal | |
| 34 | 1001145234 | 1 | Connector | |
| | 1001104519 | 11 | Terminal | |
| 35 | 1001145234 | 1 | Connector | |
| | 1001104519 | 8 | Terminal | |
| 36 | 4460930 | 1 | Connector, Plug | |
| | 80604025 | 1 | Lock, Wedge | |
| | 1001116692 | 7 | Terminal, Socket | |
| | 4460466 | 1 | Terminal, Plug | |
| 37 | 1001116997 | 1 | Connector | |
| | 1001104519 | 5 | Terminal | |
| 38 | 4460994 | 1 | Connector | |
| | 1001104519 | 3 | Terminal | |
| 39 | 4460994 | 1 | Connector | |
| | 1001104519 | 3 | Terminal | |
| 40 | 1001116986 | 1 | Connector | |
| | 1001104519 | 4 | Terminal | |
| 41 | 1001116986 | 1 | Connector | |
| | 1001104519 | 4 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 42 | 4461119 | 1 | Connector | |
| | 1001104497 | 3 | Terminal, Pin | |
| | 1001104498 | 3 | Seal | |
| 43 | 4461262 | 1 | Connector | |
| | 1001116698 | 3 | Terminal, Cavity Plug | |
| 44 | 8220164 | 1 | Terminal, Ring | |
| 45 | 4460703 | 1 | Terminal, Ring | |
| 46 | 8220022 | 1 | Terminal, Ring | |
| 47 | 4460434 | 1 | Connector | |
| | 4460268 | 13 | Terminal, Socket | |
| 48 | 4460434 | 1 | Connector | |
| | 1001118378 | 11 | Terminal | |
| 49 | 4460343 | 1 | Connector | |
| | 4460268 | 12 | Terminal, Socket | |
| 50 | 4460343 | 1 | Connector | |
| | 1001118378 | 11 | Terminal | |
| 51 | 4460265 | 1 | Connector, Plug | |
| | 4460268 | 7 | Terminal, Socket | |
| 52 | 1001121961 | 1 | Connector, Plug | |
| | 4460265 | 30 | Connector, Plug | |
| | 4460266 | 1 | Connector | |
| 53 | 1001148106 | 1 | Connector | |
| | 4460464 | 19 | Terminal | |
| | 4460466 | 4 | Terminal, Plug | |
| 54 | 4461227 | 1 | Connector | |
| | 1001104497 | 2 | Terminal, Pin | |
| | 1001104498 | 2 | Seal | |
| 55 | 4461118 | 1 | Connector | |
| | 1001116698 | 2 | Terminal, Cavity Plug | |
| 56 | 1001103012 | 1 | Connector | |
| | 1001116697 | 4 | Terminal | |
| | 1001104498 | 4 | Seal | |
| 57 | 1001103013 | 1 | Connector | |
| | 1001116698 | 4 | Terminal, Cavity Plug | |
| 58 | 4461262 | 1 | Connector | |
| | 1001116697 | 3 | Terminal | |
| | 1001104498 | 3 | Seal | |
| 59 | 4461119 | 1 | Connector | |
| | 1001116698 | 3 | Terminal, Cavity Plug | |
| 60 | 4460343 | 1 | Connector | |
| | 4460268 | 7 | Terminal, Socket | |

## FIGURE 10-55. CAB HARNESS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)



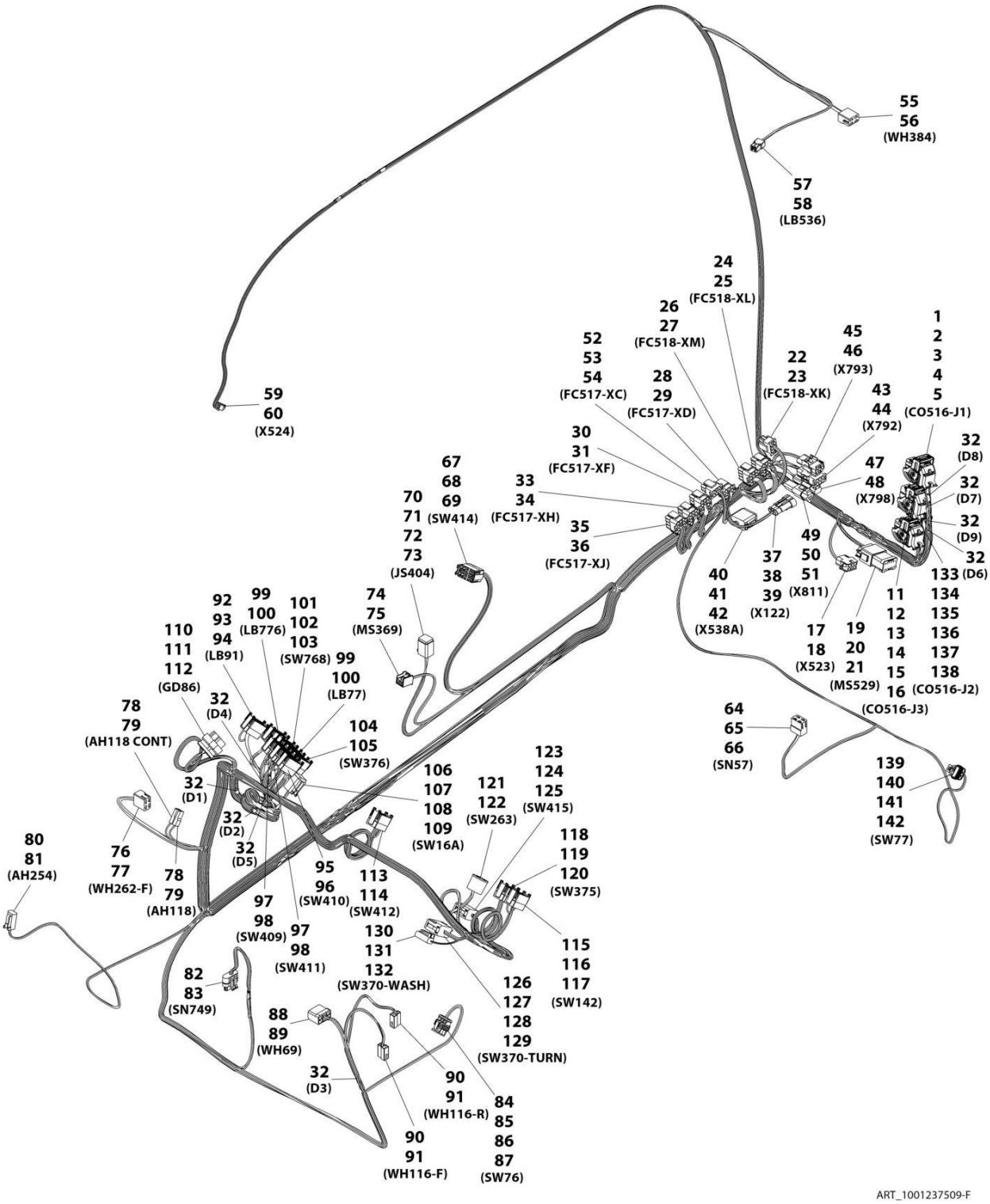
## FIGURE 10-55. CAB HARNESS (SN E160000001 through E160000141, Excluding E160000120, E160000126, 1160008774, 1160008775 and 1160008777)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001172542 | Ref | Cab Harness | D |
| 1 | 1001116995 | 1 | Connector | |
| 2 | 1001118379 | 3 | Terminal | |
| 3 | 4460891 | 1 | Connector | |
| 4 | 1001116692 | 2 | Terminal | |
| 5 | 4460874 | 1 | Connector | |
| 6 | 4460871 | 10 | Terminal | |
| 7 | 4460905 | 25 | Terminal | |
| 8 | 4460872 | 1 | Connector | |
| 9 | 4460905 | 9 | Plug | |
| 10 | 4460871 | 5 | Terminal | |
| 11 | 1001113961 | 1 | Connector | |
| 12 | 4460871 | 1 | Terminal | |
| 13 | 4460905 | 7 | Plug | |
| 14 | 4460875 | 1 | Connector | |
| 15 | 4460905 | 14 | Plug | |
| 16 | 4460871 | 21 | Terminal | |
| 17 | 4460876 | 1 | Connector | |
| 18 | 4460905 | 22 | Plug | |
| 19 | 4460871 | 13 | Terminal | |
| 20 | 4460873 | 1 | Connector | |
| 21 | 4460905 | 23 | Plug | |
| 22 | 4460871 | 12 | Terminal | |
| 23 | 4460878 | 1 | Connector | |
| 24 | 1001237383 | 2 | Terminal | |
| 25 | 3990010 | 5 | Connector | |
| 26 | 4460872 | 1 | Connector | |
| 27 | 4460871 | 9 | Terminal | |
| 28 | 4460905 | 5 | Plug | |
| 29 | 4460930 | 1 | Connector | |
| 30 | 1001116692 | 8 | Terminal | |
| 31 | 4461217 | 1 | Connector | |
| 32 | 1001126010 | 4 | Terminal | |
| 33 | 4460518 | 2 | Plug | |
| 34 | 1001145234 | 1 | Connector | |
| 35 | 1001104519 | 5 | Terminal | |
| 36 | 1001118684 | 1 | Connector | |
| 37 | 1001116754 | 2 | Terminal | |
| 38 | 1001230931 | 1 | Connector | |
| 39 | 1001116748 | 6 | Terminal | |
| 40 | 1001118685 | 1 | Connector | |
| 41 | 1001104519 | 1 | Terminal | |
| 42 | 1001118383 | 1 | Terminal | |
| 43 | 1001117121 | 1 | Connector | |
| 44 | 1001104519 | 2 | Terminal | |
| 45 | 1001103012 | 1 | Connector | |
| 46 | 1001116698 | 2 | Plug | |
| 47 | 1001116697 | 2 | Terminal | |
| 48 | 1001104498 | 2 | Seal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 49 | 1001145234 | 1 | Connector | |
| 50 | 1001104519 | 8 | Terminal | |
| 51 | 1001153337 | 1 | Connector | |
| 52 | 1001104519 | 4 | Terminal | |
| 53 | 4460933 | 1 | Connector | |
| 54 | 1001116692 | 10 | Terminal | |
| 55 | 4460466 | 2 | Terminal | |
| 56 | 4460891 | 1 | Connector | |
| 57 | 1001116692 | 2 | Terminal | |
| 58 | 1001145234 | 1 | Connector | |
| 59 | 1001104519 | 7 | Terminal | |
| 60 | 1001145234 | 1 | Connector | |
| 61 | 1001104519 | 13 | Terminal | |
| 62 | 1001145234 | 1 | Connector | |
| 63 | 1001104519 | 47 | Terminal | |
| 64 | 4460930 | 1 | Connector | |
| 65 | 1001116692 | 7 | Terminal | |
| 66 | 4460466 | 1 | Terminal | |
| 67 | 1001116997 | 1 | Connector | |
| 68 | 1001104519 | 5 | Terminal | |
| 69 | 4460994 | 1 | Connector | |
| 70 | 1001104519 | 6 | Terminal | |
| 71 | 1001116986 | 1 | Connector | |
| 72 | 1001104519 | 8 | Terminal | |
| 73 | 4461119 | 1 | Connector | |
| 74 | 1001104497 | 3 | Terminal | |
| 75 | 1001104498 | 3 | Seal | |
| 76 | 4461262 | 1 | Connector | |
| 77 | 8220164 | 1 | Connector | |
| 78 | 4460703 | 1 | Connector | |
| 79 | 8220022 | 1 | Connector | |
| 80 | 4460434 | 1 | Connector | |
| 81 | 4460268 | 13 | Terminal | |
| 82 | 1001118378 | 11 | Terminal | |
| 83 | 4460343 | 1 | Connector | |
| 84 | 4460268 | 12 | Terminal | |
| 85 | 1001118378 | 12 | Terminal | |
| 86 | 4460265 | 1 | Connector | |
| 87 | 4460268 | 7 | Terminal | |
| 88 | 1001121961 | 1 | Connector | |
| 89 | 4460465 | 30 | Terminal | |
| 90 | 4460466 | 1 | Terminal | |
| 91 | 1001148106 | 1 | Connector | |
| 92 | 4460464 | 19 | Terminal | |
| 93 | 4460466 | 4 | Terminal | |
| 94 | 4461227 | 1 | Connector | |
| 95 | 1001104497 | 2 | Terminal | |
| 96 | 1001104498 | 2 | Seal | |
| 97 | 4461118 | 1 | Connector | |
| 98 | 1001103012 | 1 | Connector | |
| 99 | 1001116697 | 4 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 100 | 1001104498 | 4 | Seal | |
| 101 | 1001103013 | 1 | Connector | |
| 102 | 4461262 | 1 | Connector | |
| 103 | 1001116697 | 3 | Terminal | |
| 104 | 1001104498 | 3 | Seal | |
| 105 | 4461119 | 1 | Connector | |
| 106 | 4460343 | 1 | Connector | |
| 107 | 4460268 | 7 | Terminal | |

**FIGURE 10-56. CAB HARNESS (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**



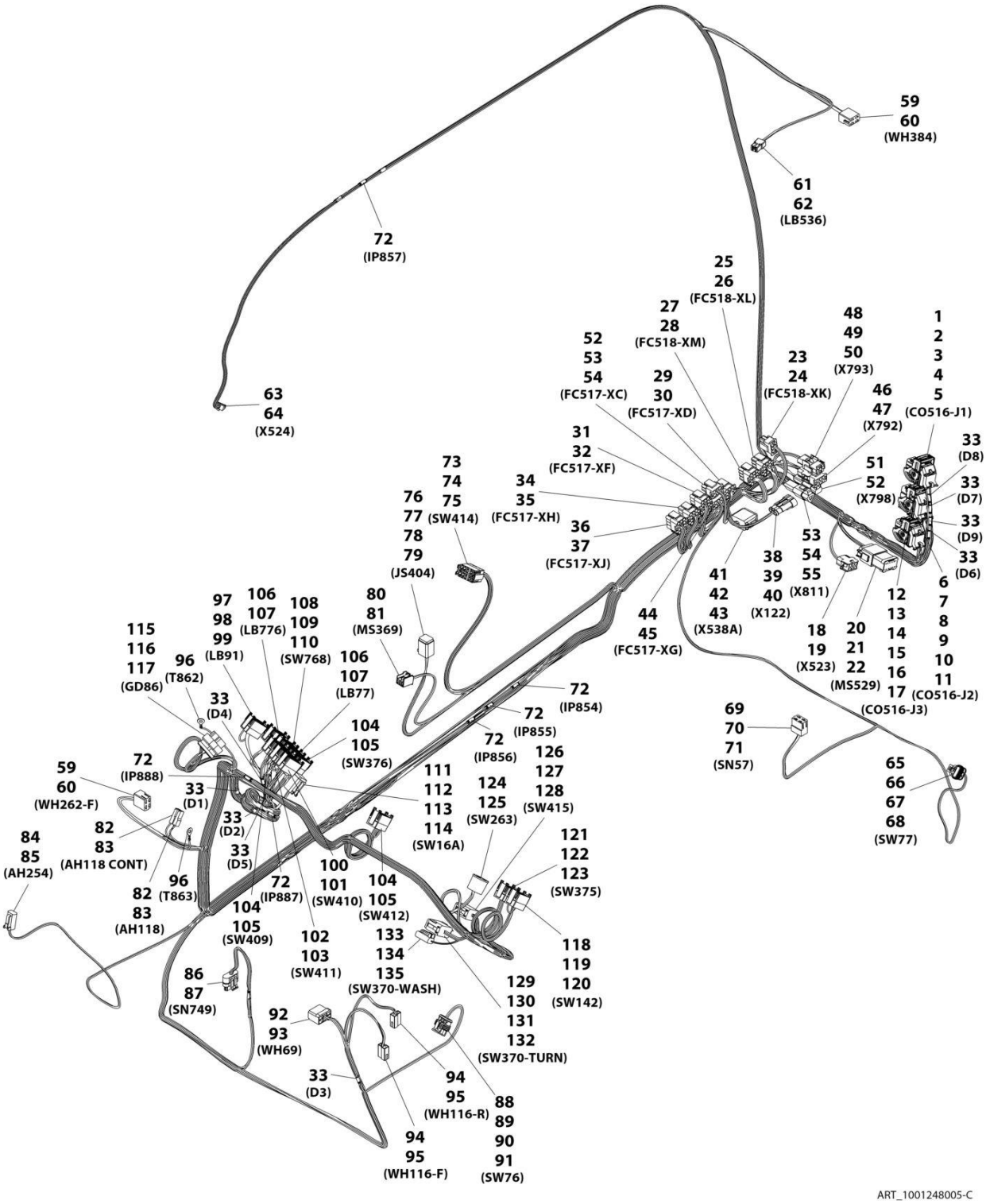
## FIGURE 10-56. CAB HARNESS (SN E160000141 through E160000341, Including E160000120, E160000126, 1160008774, 1160008775 and 1160008777, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001237509 | Ref | Cab Harness | F |
| 1 | 1001160497 | 1 | Connector | |
| 2 | 1001161100 | 11 | Terminal | |
| 3 | 1001161095 | 13 | Terminal | |
| 4 | 1001161098 | 7 | Terminal | |
| 5 | 1001161101 | 1 | Terminal | |
| 11 | 1001161960 | 1 | Connector | |
| 12 | 1001161100 | 11 | Terminal | |
| 13 | 1001161097 | 6 | Terminal | |
| 14 | 1001161095 | 7 | Terminal | |
| 15 | 1001161098 | 1 | Terminal | |
| 16 | 1001161101 | 7 | Terminal | |
| 17 | 4460224 | 1 | Connector | |
| 18 | 4460267 | 4 | Terminal | |
| 19 | 4460933 | 1 | Connector | |
| 20 | 4460465 | 8 | Terminal | |
| 21 | 4460466 | 4 | Terminal | |
| 22 | 4460225 | 1 | Connector | |
| 23 | 4460267 | 4 | Terminal | |
| 24 | 4460343 | 1 | Connector | |
| 25 | 4460268 | 7 | Terminal | |
| 26 | 4460343 | 1 | Connector | |
| 27 | 4460267 | 7 | Terminal | |
| 28 | 4460265 | 1 | Connector | |
| 29 | 4460268 | 6 | Terminal | |
| 30 | 4460434 | 1 | Connector | |
| 31 | 4460268 | 12 | Terminal | |
| 32 | 3990010 | 5 | Connector | |
| 33 | 4460343 | 1 | Connector | |
| 34 | 4460268 | 9 | Terminal | |
| 35 | 4460343 | 1 | Connector | |
| 36 | 4460267 | 12 | Terminal | |
| 37 | 4461119 | 1 | Connector | |
| 38 | 1001104497 | 3 | Terminal | |
| 39 | 1001104498 | 3 | Terminal | |
| 40 | 4460933 | 1 | Connector | |
| 41 | 4460465 | 11 | Terminal | |
| 42 | 4460466 | 1 | Terminal | |
| 43 | 4460224 | 1 | Connector | |
| 44 | 4460268 | 5 | Terminal | |
| 45 | 4460445 | 1 | Connector | |
| 46 | 4460268 | 4 | Terminal | |
| 47 | 4460897 | 1 | Connector | |
| 48 | 4460941 | 2 | Terminal | |
| 49 | 4460536 | 1 | Connector | |
| 50 | 4460464 | 2 | Terminal | |
| 51 | 4460466 | 1 | Terminal | |
| 52 | 4460225 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 53 | 1001116698 | 4 | Terminal | |
| 54 | 4460267 | 2 | Terminal | |
| 55 | 1001116986 | 1 | Connector | |
| 56 | 1001104519 | 4 | Terminal | |
| 57 | 1001116991 | 1 | Connector | |
| 58 | 1001118384 | 2 | Terminal | |
| 59 | 1001150735 | 1 | Connector | |
| 60 | 1001150737 | 8 | Terminal | |
| 64 | 1001116986 | 1 | Connector | |
| 65 | 1001104519 | 5 | Terminal | |
| 66 | 1001223455 | 1 | Terminal | |
| 67 | 1001145234 | 1 | Connector | |
| 68 | 1001223455 | 2 | Terminal | |
| 69 | 1001104519 | 6 | Terminal | |
| 70 | 4460894 | 1 | Connector | |
| 71 | 4460465 | 3 | Terminal | |
| 72 | 4460466 | 1 | Terminal | |
| 73 | 4460944 | 2 | Terminal | |
| 74 | 1001118684 | 1 | Connector | |
| 75 | 1001116754 | 2 | Terminal | |
| 76 | 1001116986 | 1 | Connector | |
| 77 | 1001104519 | 4 | Terminal | |
| 78 | 1001116995 | 2 | Connector | |
| 79 | 1001118379 | 2 | Terminal | |
| 80 | 4460891 | 1 | Connector | |
| 81 | 4460465 | 2 | Terminal | |
| 82 | 1001230931 | 1 | Connector | |
| 83 | 1001116748 | 6 | Terminal | |
| 84 | 1001103012 | 1 | Connector | |
| 85 | 1001116698 | 2 | Terminal | |
| 86 | 1001116697 | 2 | Terminal | |
| 87 | 1001104498 | 2 | Terminal | |
| 88 | 1001116997 | 1 | Connector | |
| 89 | 1001104519 | 5 | Terminal | |
| 90 | 4460994 | 2 | Connector | |
| 91 | 1001104519 | 6 | Terminal | |
| 92 | 1001145234 | 1 | Connector | |
| 93 | 1001223455 | 1 | Terminal | |
| 94 | 1001104519 | 5 | Terminal | |
| 95 | 1001145234 | 1 | Connector | |
| 96 | 1001104519 | 14 | Terminal | |
| 97 | 1001145234 | 2 | Connector | |
| 98 | 1001104519 | 20 | Terminal | |
| 99 | 1001145234 | 2 | Connector | |
| 100 | 1001104519 | 8 | Terminal | |
| 101 | 1001145234 | 1 | Connector | |
| 102 | 1001223455 | 3 | Terminal | |
| 103 | 1001104519 | 3 | Terminal | |
| 104 | 1001145234 | 1 | Connector | |
| 105 | 1001104519 | 11 | Terminal | |
| 106 | 4460894 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 107 | 4460942 | 2 | Terminal | |
| 108 | 4460465 | 1 | Terminal | |
| 109 | 4460466 | 3 | Terminal | |
| 110 | 4460872 | 1 | Connector | |
| 111 | 4460871 | 7 | Terminal | |
| 112 | 4460905 | 7 | Terminal | |
| 113 | 1001145234 | 1 | Connector | |
| 114 | 1001104519 | 11 | Terminal | |
| 115 | 1001145234 | 1 | Connector | |
| 116 | 1001104519 | 8 | Terminal | |
| 117 | 1001223455 | 3 | Terminal | |
| 118 | 1001145234 | 1 | Connector | |
| 119 | 1001223455 | 1 | Terminal | |
| 120 | 1001104519 | 6 | Terminal | |
| 121 | 1001153337 | 1 | Connector | |
| 122 | 1001104519 | 4 | Terminal | |
| 123 | 4460930 | 1 | Connector | |
| 124 | 4460465 | 7 | Terminal | |
| 125 | 4460466 | 1 | Terminal | |
| 126 | 4460933 | 1 | Connector | |
| 127 | 4460942 | 5 | Terminal | |
| 128 | 4460465 | 5 | Terminal | |
| 129 | 4460466 | 2 | Terminal | |
| 130 | 4460891 | 1 | Connector | |
| 131 | 4460942 | 1 | Terminal | |
| 132 | 4460462 | 1 | Terminal | |
| 133 | 1001160501 | 1 | Connector | |
| 134 | 1001161095 | 15 | Terminal | |
| 135 | 1001161100 | 25 | Terminal | |
| 136 | 1001161098 | 5 | Terminal | |
| 137 | 1001161099 | 2 | Terminal | |
| 138 | 1001161101 | 1 | Terminal | |
| 139 | 4461262 | 1 | Connector | |
| 140 | 1001107854 | 2 | Terminal | |
| 141 | 1001116698 | 1 | Terminal | |
| 142 | 1001104498 | 2 | Seal | |

## FIGURE 10-57. CAB HARNESS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)



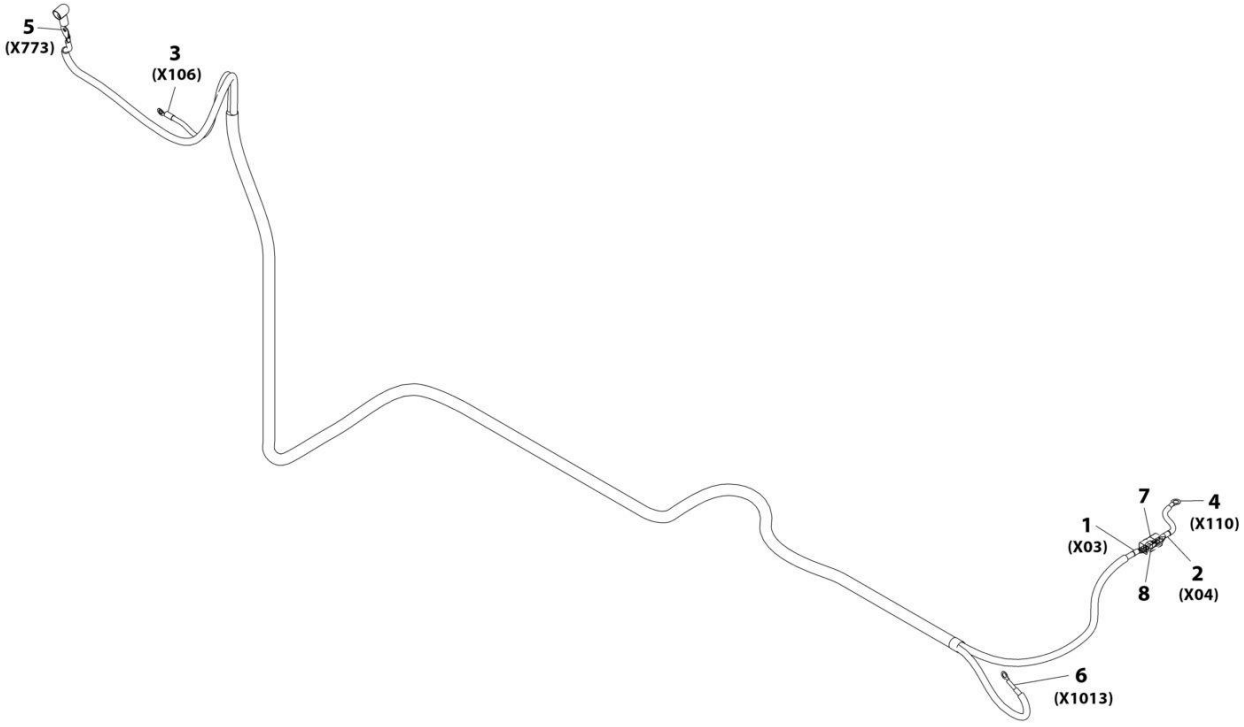
## FIGURE 10-57. CAB HARNESS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001248005 | Ref | Cab Harness | C |
| 1 | 1001160497 | 1 | Connector | |
| 2 | 1001161095 | 13 | Terminal | |
| 3 | 1001161098 | 7 | Terminal | |
| 4 | 1001161100 | 11 | Terminal | |
| 5 | 1001161101 | 1 | Terminal | |
| 6 | 1001160501 | 1 | Connector | |
| 7 | 1001161095 | 15 | Terminal | |
| 8 | 1001161098 | 6 | Terminal | |
| 9 | 1001161099 | 1 | Terminal | |
| 10 | 1001161100 | 25 | Terminal | |
| 11 | 1001161101 | 1 | Terminal | |
| 12 | 1001161960 | 1 | Connector | |
| 13 | 1001161095 | 7 | Terminal | |
| 14 | 1001161097 | 6 | Terminal | |
| 15 | 1001161098 | 1 | Terminal | |
| 16 | 1001161100 | 11 | Terminal | |
| 17 | 1001161101 | 7 | Terminal | |
| 18 | 4460224 | 1 | Connector | |
| 19 | 4460267 | 4 | Terminal | |
| 20 | 4460933 | 1 | Connector | |
| 21 | 4460465 | 8 | Terminal | |
| 22 | 4460466 | 4 | Terminal | |
| 23 | 4460225 | 1 | Connector | |
| 24 | 4460267 | 4 | Terminal | |
| 25 | 4460343 | 1 | Connector | |
| 26 | 4460268 | 7 | Terminal | |
| 27 | 4460343 | 1 | Connector | |
| 28 | 4460267 | 7 | Terminal | |
| 29 | 4460265 | 1 | Connector | |
| 30 | 4460268 | 6 | Terminal | |
| 31 | 4460434 | 1 | Connector | |
| 32 | 4460268 | 12 | Terminal | |
| 33 | 3990010 | 1 | Connector | |
| 34 | 4460343 | 1 | Connector | |
| 35 | 4460268 | 9 | Terminal | |
| 36 | 4460343 | 1 | Connector | |
| 37 | 4460267 | 12 | Terminal | |
| 38 | 4461119 | 1 | Connector | |
| 39 | 1001104497 | 3 | Terminal | |
| 40 | 1001104498 | 3 | Seal | |
| 41 | 4460933 | 1 | Connector | |
| 42 | 4460465 | 11 | Terminal | |
| 43 | 4460466 | 1 | Terminal | |
| 44 | 4460225 | 1 | Connector | |
| 45 | 4460267 | 2 | Terminal | |
| 46 | 4460224 | 1 | Connector | |
| 47 | 4460268 | 5 | Terminal | |
| 48 | 4460445 | 1 | Connector | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 49 | 4460326 | 1 | Terminal | |
| 50 | 4460268 | 4 | Terminal | |
| 51 | 4460897 | 1 | Connector | |
| 52 | 4460941 | 2 | Terminal | |
| 53 | 4460536 | 1 | Connector | |
| 54 | 4460464 | 2 | Terminal | |
| 55 | 4460466 | 1 | Terminal | |
| 56 | 4460225 | 1 | Connector | |
| 57 | 4460267 | 2 | Terminal | |
| 58 | 1001116698 | 4 | Terminal | |
| 59 | 1001116986 | 1 | Connector | |
| 60 | 1001104519 | 4 | Terminal | |
| 61 | 1001116991 | 1 | Connector | |
| 62 | 1001118384 | 2 | Terminal | |
| 63 | 1001150735 | 1 | Connector | |
| 64 | 1001150737 | 8 | Terminal | |
| 65 | 4461262 | 1 | Connector | |
| 66 | 1001107854 | 2 | Terminal | |
| 67 | 1001116698 | 1 | Terminal | |
| 68 | 1001114498 | 2 | Seal | |
| 69 | 1001116986 | 1 | Connector | |
| 70 | 1001104519 | 5 | Terminal | |
| 71 | 1001223455 | 1 | Terminal | |
| 72 | 260173 | 1 | Connector | |
| 73 | 1001145234 | 1 | Connector | |
| 74 | 1001223455 | 2 | Terminal | |
| 75 | 1001104519 | 6 | Terminal | |
| 76 | 4460894 | 1 | Connector | |
| 77 | 4460465 | 3 | Terminal | |
| 78 | 4460466 | 1 | Terminal | |
| 79 | 4460944 | 2 | Terminal | |
| 80 | 1001118684 | 1 | Connector | |
| 81 | 1001116754 | 2 | Terminal | |
| 82 | 1001116995 | 1 | Connector | |
| 83 | 1001118379 | 1 | Terminal | |
| 84 | 4460891 | 1 | Connector | |
| 85 | 4460465 | 2 | Terminal | |
| 86 | 1001230931 | 1 | Connector | |
| 87 | 1001116748 | 6 | Terminal | |
| 88 | 1001103012 | 1 | Connector | |
| 89 | 1001116698 | 2 | Terminal | |
| 90 | 1001116697 | 2 | Terminal | |
| 91 | 1001104498 | 2 | Seal | |
| 92 | 1001116997 | 1 | Connector | |
| 93 | 1001104519 | 5 | Terminal | |
| 94 | 4460994 | 1 | Connector | |
| 95 | 1001104519 | 3 | Terminal | |
| 96 | 1001187070 | 1 | Terminal | |
| 97 | 1001145234 | 1 | Connector | |
| 98 | 1001223455 | 1 | Terminal | |
| 99 | 1001104519 | 5 | Terminal | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 100 | 1001145234 | 1 | Connector | |
| 101 | 1001104519 | 10 | Terminal | |
| 102 | 1001145234 | 1 | Connector | |
| 103 | 1001104519 | 9 | Terminal | |
| 104 | 1001145234 | 1 | Connector | |
| 105 | 1001104519 | 11 | Terminal | |
| 106 | 1001145234 | 1 | Connector | |
| 107 | 1001104519 | 4 | Terminal | |
| 108 | 1001145234 | 1 | Connector | |
| 109 | 1001223455 | 3 | Terminal | |
| 110 | 1001104519 | 3 | Terminal | |
| 111 | 4460894 | 1 | Connector | |
| 112 | 4460465 | 1 | Terminal | |
| 113 | 4460466 | 3 | Terminal | |
| 114 | 4460942 | 2 | Terminal | |
| 115 | 4460872 | 1 | Connector | |
| 116 | 4460871 | 7 | Terminal | |
| 117 | 4460905 | 7 | Terminal | |
| 118 | 1001145234 | 1 | Connector | |
| 119 | 1001223455 | 3 | Terminal | |
| 120 | 1001104519 | 8 | Terminal | |
| 121 | 1001145234 | 1 | Connector | |
| 122 | 1001223455 | 1 | Terminal | |
| 123 | 1001104519 | 6 | Terminal | |
| 124 | 1001153337 | 1 | Connector | |
| 125 | 1001104519 | 4 | Terminal | |
| 126 | 4460930 | 1 | Connector | |
| 127 | 4460465 | 7 | Terminal | |
| 128 | 4460466 | 1 | Terminal | |
| 129 | 4460933 | 1 | Connector | |
| 130 | 4460942 | 5 | Terminal | |
| 131 | 4460465 | 5 | Terminal | |
| 132 | 4460466 | 2 | Terminal | |
| 133 | 4460891 | 1 | Connector | |
| 134 | 4460942 | 1 | Terminal | |
| 135 | 4460465 | 1 | Terminal | |

**FIGURE 10-58. CAB POWER HARNESS (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

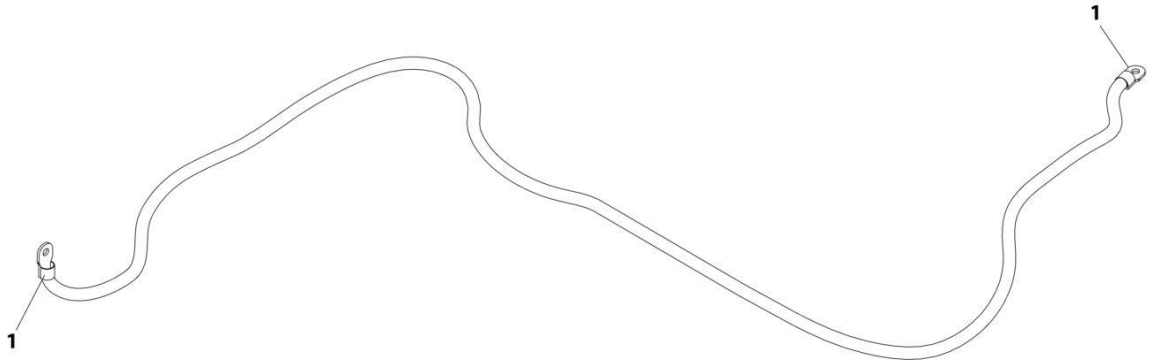



ART_1001147800-D

## FIGURE 10-58. CAB POWER HARNESS (SN E160000001 through E160000342, Excluding E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001147800 | Ref | Cab Power Harness | D |
| 1 | 1001148375 | 1 | Terminal, Ring | |
| 2 | 1001148375 | 1 | Terminal, Ring | |
| 3 | 8220115 | 1 | Terminal, Ring | |
| 4 | 1001117112 | 1 | Terminal, Ring | |
| 5 | 1001125479 | 1 | Terminal, Ring | |
| 6 | 1001117109 | 1 | Terminal, Ring | |
| 7 | 1001125389 | 1 | Fuse Holder | |
| 8 | 1001125388 | 1 | Fuse, 150 Amp | |

**FIGURE 10-59. CAB POWER HARNESS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)**

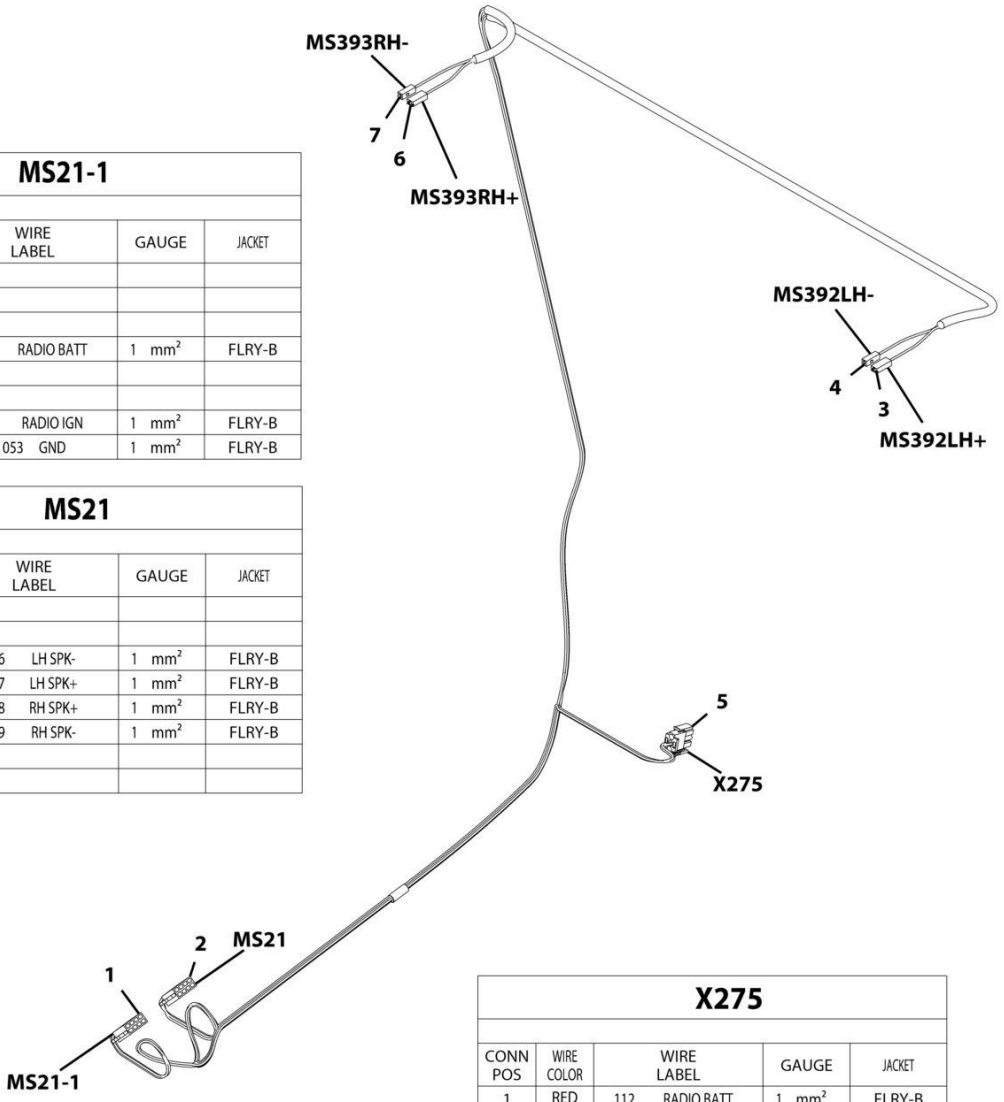



ART_1001239533-B

## FIGURE 10-59. CAB POWER HARNESS (SN E160000342 through E160000496, Including E160000328, E160000329, E160000330, E160000331, E160000332 and E160000336)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239533 | Ref | Cab Power Harness | B |
| 1 | 4461270 | 2 | Terminal Ring | |

## FIGURE 10-60. RADIO HARNESS (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)




**MS21-1**

| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | RED | 112 RADIO BATT | 1 mm² | FLRY-B |
| 5 | | | | |
| 6 | | | | |
| 7 | YEL | 224 RADIO IGN | 1 mm² | FLRY-B |
| 8 | BLK | 053 GND | 1 mm² | FLRY-B |

**MS21**

| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | WHT | 616 LH SPK- | 1 mm² | FLRY-B |
| 4 | WHT | 617 LH SPK+ | 1 mm² | FLRY-B |
| 5 | WHT | 618 RH SPK+ | 1 mm² | FLRY-B |
| 6 | WHT | 619 RH SPK- | 1 mm² | FLRY-B |
| 7 | | | | |
| 8 | | | | |

**X275**

| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
|---|---|---|---|---|
| 1 | RED | 112 RADIO BATT | 1 mm² | FLRY-B |
| 2 | YEL | 224 RADIO IGN | 1 mm² | FLRY-B |
| 3 | BLK | 053 GND | 1 mm² | FLRY-B |

**MS392LH+**

| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
|---|---|---|---|---|
| 1 | WHT | 617 LH SPK+ | 1 mm² | FLRY-B |

**MS393RH+**

| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
|---|---|---|---|---|
| 1 | WHT | 618 RH SPK+ | 1 mm² | FLRY-B |

**MS392LH-**

| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
|---|---|---|---|---|
| 1 | WHT | 616 LH SPK- | 1 mm² | FLRY-B |

**MS393RH-**

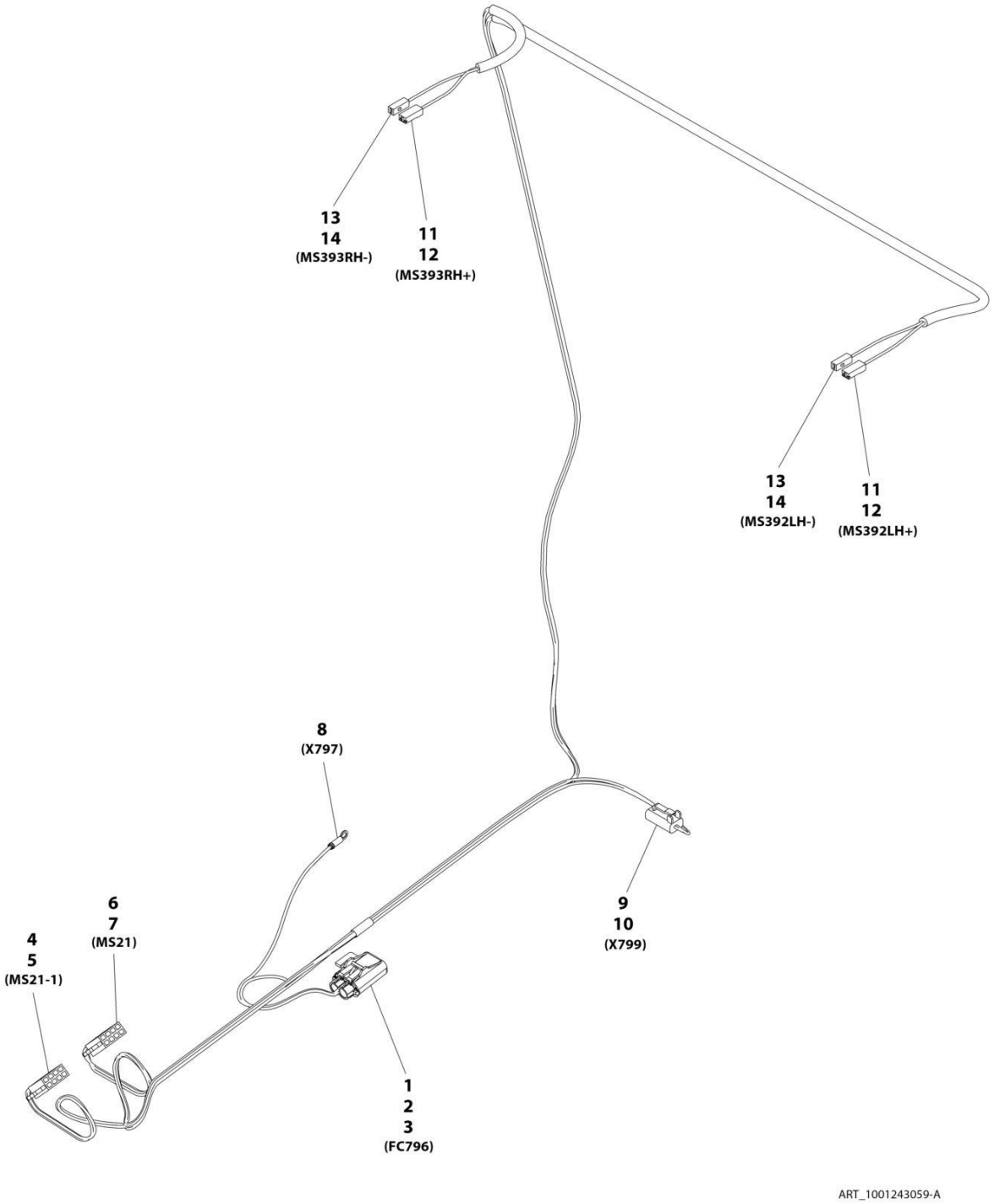
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
|---|---|---|---|---|
| 1 | WHT | 619 RH SPK- | 1 mm² | FLRY-B |

ART_1001146672-B

## FIGURE 10-60. RADIO HARNESS (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146672 | Ref | Radio Harness | B |
| 1 | 1001116985 | 1 | Connector | |
| | 1001118386 | 3 | Terminal | |
| 2 | 1001116984 | 1 | Connector | |
| | 1001118386 | 4 | Terminal | |
| 3 | 1001117002 | 1 | Connector | |
| | 1001116705 | 1 | Terminal | |
| 4 | 1001116998 | 1 | Connector | |
| | 1001116715 | 1 | Terminal | |
| 5 | 4460326 | 1 | Connector | |
| 6 | 1001117002 | 1 | Connector | |
| | 1001116705 | 1 | Terminal | |
| 7 | 1001116998 | 1 | Connector | |
| | 1001116715 | 1 | Terminal | |

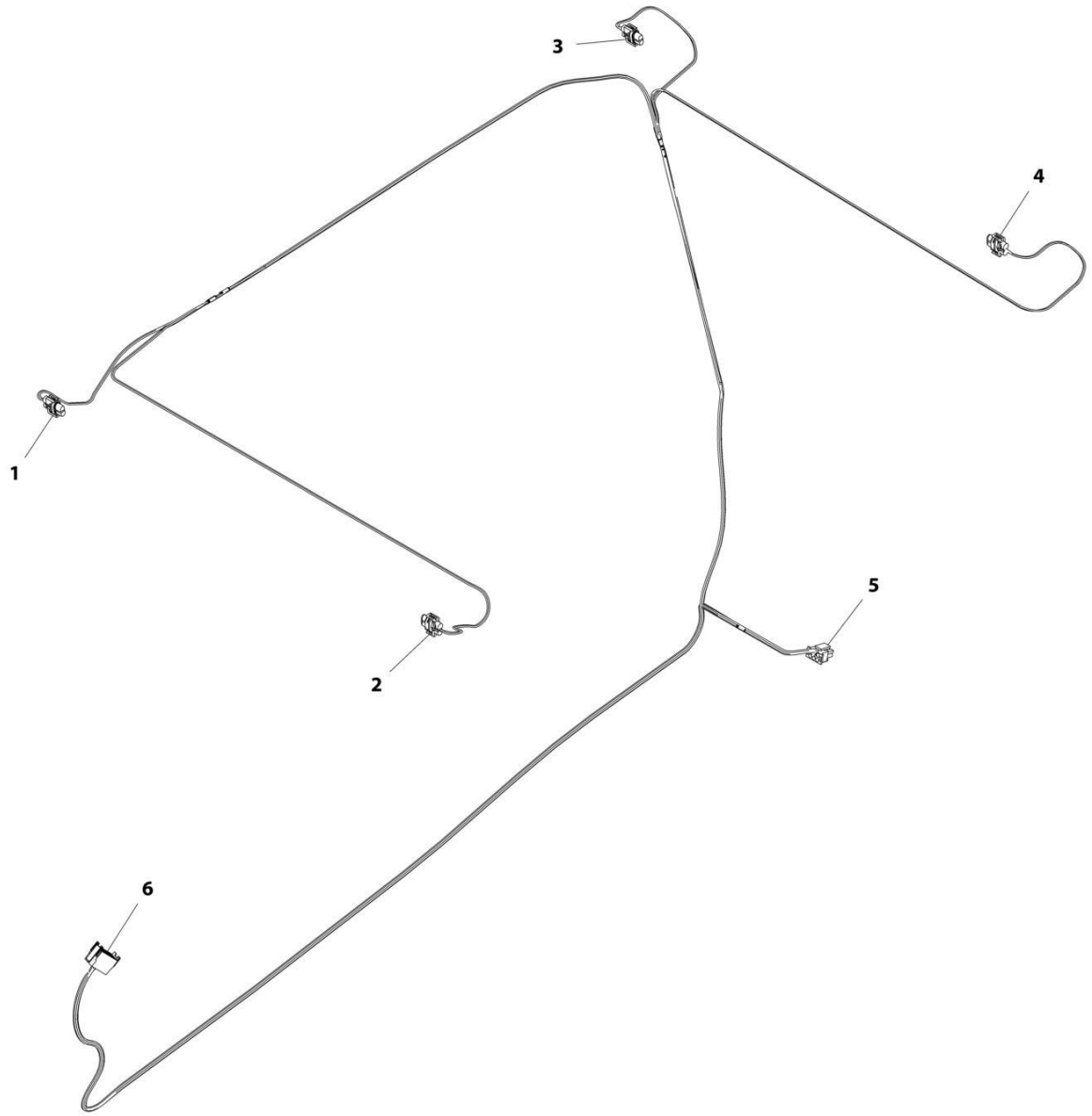
**FIGURE 10-61. RADIO HARNESS (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**



## FIGURE 10-61. RADIO HARNESS (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243059 | Ref | Radio Harness | A |
| 1 | 1001231397 | 1 | Connector | |
| 2 | 1001231399 | 2 | Terminal | |
| 3 | 1001231404 | 2 | Seal | |
| 4 | 1001116985 | 1 | Connector | |
| 5 | 1001118386 | 3 | Terminal | |
| 6 | 1001116984 | 1 | Connector | |
| 7 | 1001118386 | 4 | Terminal | |
| 8 | 4460247 | 1 | Terminal Ring | |
| 9 | 4460891 | 1 | Connector | |
| 10 | 4460942 | 2 | Terminal | |
| 11 | 1001117002 | 1 | Connector | |
| 12 | 1001116705 | 1 | Terminal | |
| 13 | 1001117002 | 1 | Connector | |
| 14 | 1001116705 | 1 | Terminal | |
| 15 | 1001116998 | 1 | Connector | |
| 16 | 1001116715 | 1 | Terminal | |
| 17 | 1001116998 | 1 | Connector | |
| 18 | 1001116715 | 1 | Terminal | |

## FIGURE 10-62. WORKLIGHTS HARNESS



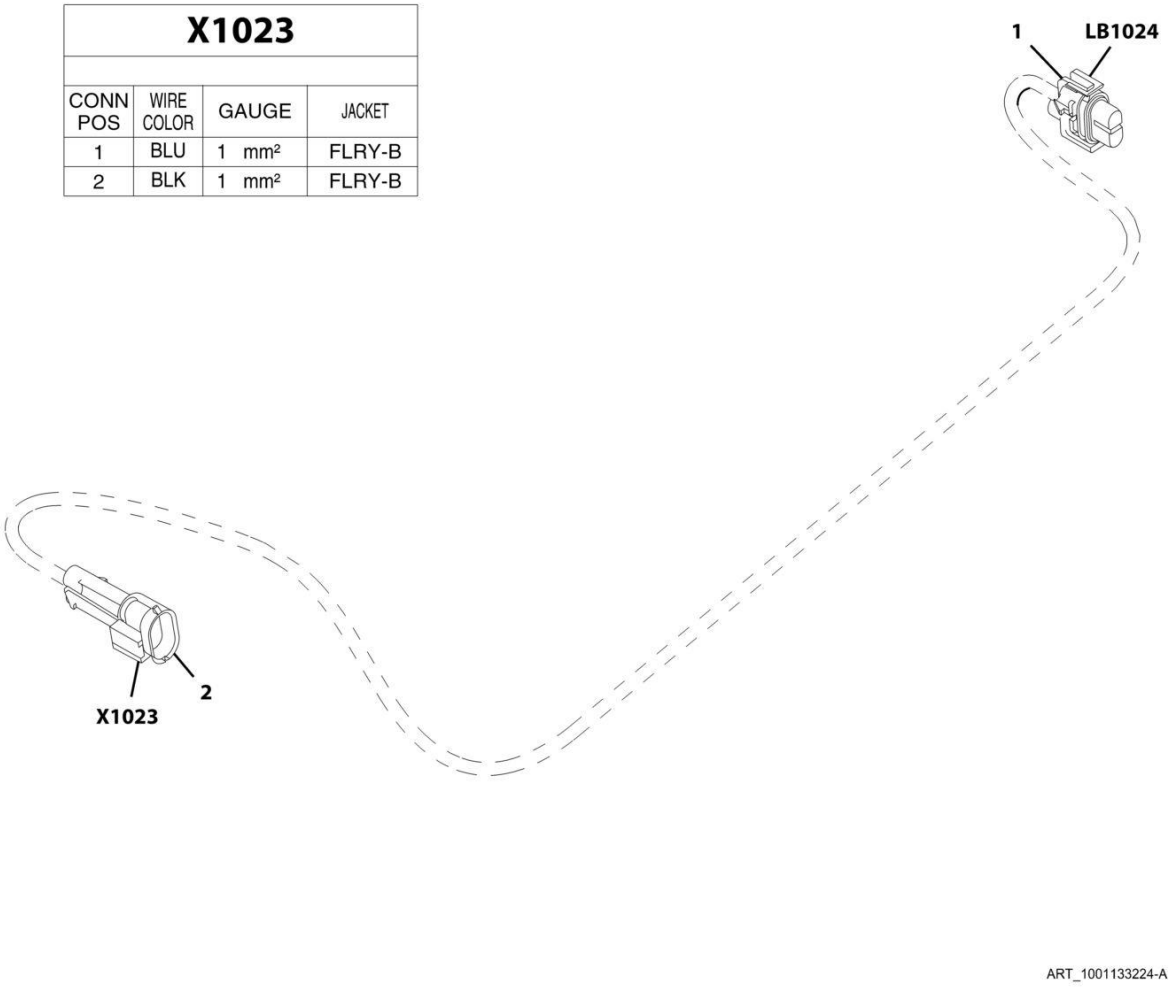
## FIGURE 10-62. WORKLIGHTS HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146673 | Ref | Worklights Harness | C |
| 1 | 4461115 | 1 | Connector | |
| | 4460746 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 2 | 4461115 | 1 | Connector | |
| | 4460746 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 3 | 4461115 | 1 | Connector | |
| | 4460746 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 4 | 4461115 | 1 | Connector | |
| | 4460746 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 5 | 4460225 | 1 | Connector | |
| | 1001118378 | 5 | Terminal | |
| 6 | 1001145234 | 1 | Connector | |
| | 1001104519 | 6 | Terminal | |

## FIGURE 10-63. LIGHT EXTENSION HARNESS

| LB1024 | | | |
|---|---|---|---|
| CONN POS | WIRE COLOR | GAUGE | JACKET |
| 1 | BLU | 1 mm² | FLRY-B |
| 2 | BLK | 1 mm² | FLRY-B |

| X1023 | | | |
|---|---|---|---|
| CONN POS | WIRE COLOR | GAUGE | JACKET |
| 1 | BLU | 1 mm² | FLRY-B |
| 2 | BLK | 1 mm² | FLRY-B |

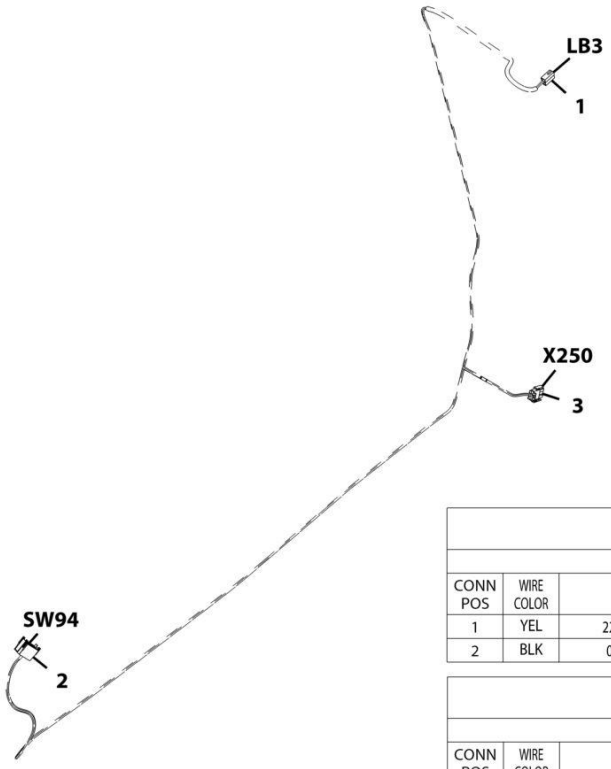



ART_1001133224-A

## FIGURE 10-63. LIGHT EXTENSION HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001133224 | Ref | Light Extension Harness | A |
| 1 | 4461115 | 1 | Connector | |
| | 1001116728 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 2 | 1001133213 | 1 | Connector | |
| | 1001116745 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |

## FIGURE 10-64. BEACON HARNESS




| LB84 | | | | | |
|---|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET | TO |
| 1 | YEL | 220 KEY 1 | 1.5 mm² | FLRY-B | SW94 (1) |
| 2 | BLK | 053-1 GND | 1.5 mm² | FLRY-B | S99 (2) |

| SW94 | | | | | |
|---|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET | TO |
| 1 | YEL | 220 KEY 1 | 1.5 mm² | FLRY-B | LB83 (1) |
| 2 | YEL | 219 OPT PWR 1 | 1.5 mm² | FLRY-B | X250 (1) |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | BLK | 053-2 GND | 1 mm² | FLRY-B | S99 (2) |
| 8 | WHT | 427 SW LT | 1 mm² | FLRY-B | X250 (3) |
| 9 | | | | | |
| 10 | | | | | |

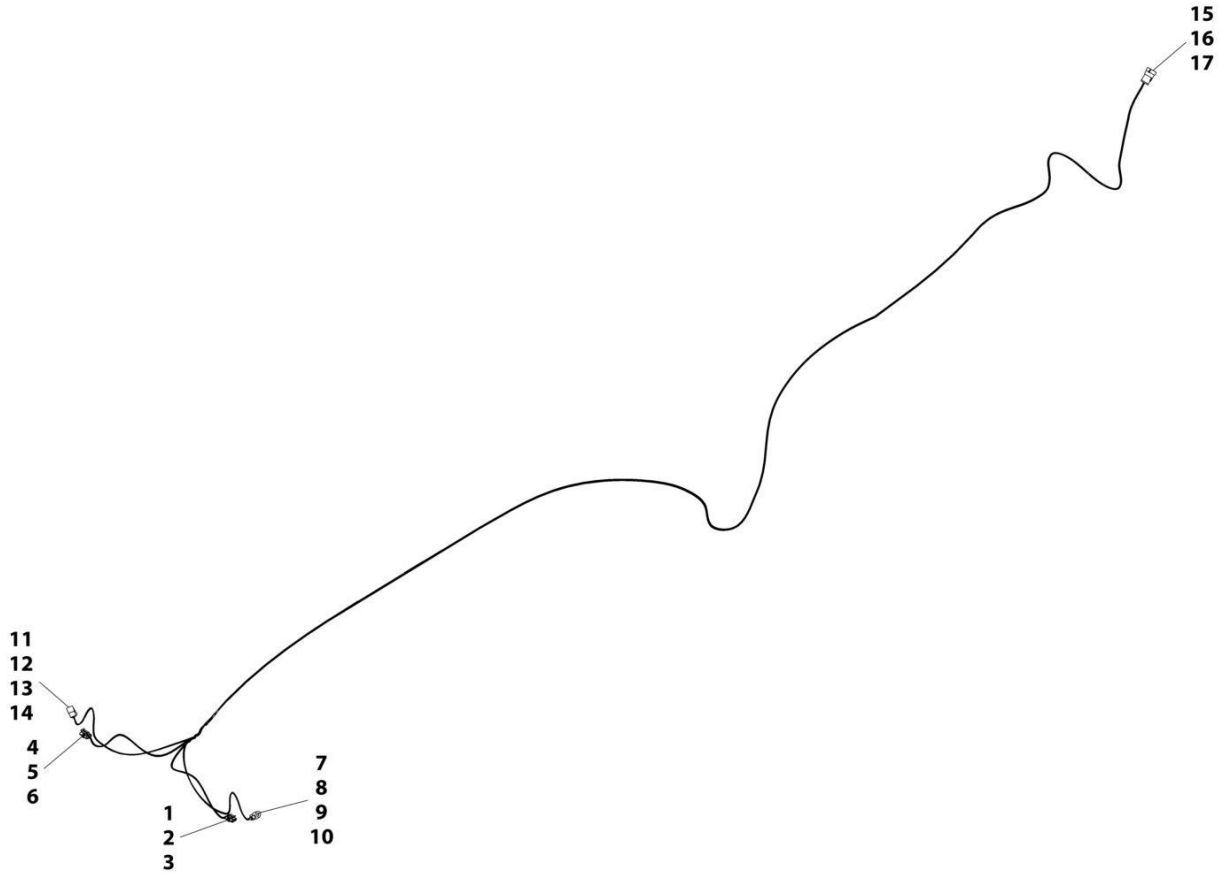
| X250 | | | | | |
|---|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET | TO |
| 1 | YEL | 219 OPT PWR 1 | 1.5 mm² | FLRY-B | SW94 (2) |
| 2 | BLK | 053 GND | 1.5 mm² | FLRY-B | S99 (1) |
| 3 | WHT | 427 SW LT | 1 mm² | FLRY-B | SW94 (8) |

ART_1001146676-C

## FIGURE 10-64. BEACON HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146676 | Ref | Beacon Harness | C |
| 1 | 4460994 | 1 | Connector | |
| 1 | 1001116720 | 2 | Terminal | |
| 2 | 1001145234 | 1 | Connector | |
| 2 | 1001104519 | 4 | Terminal | |
| 3 | 4460326 | 1 | Connector | |
| 3 | 1001118378 | 3 | Terminal | |

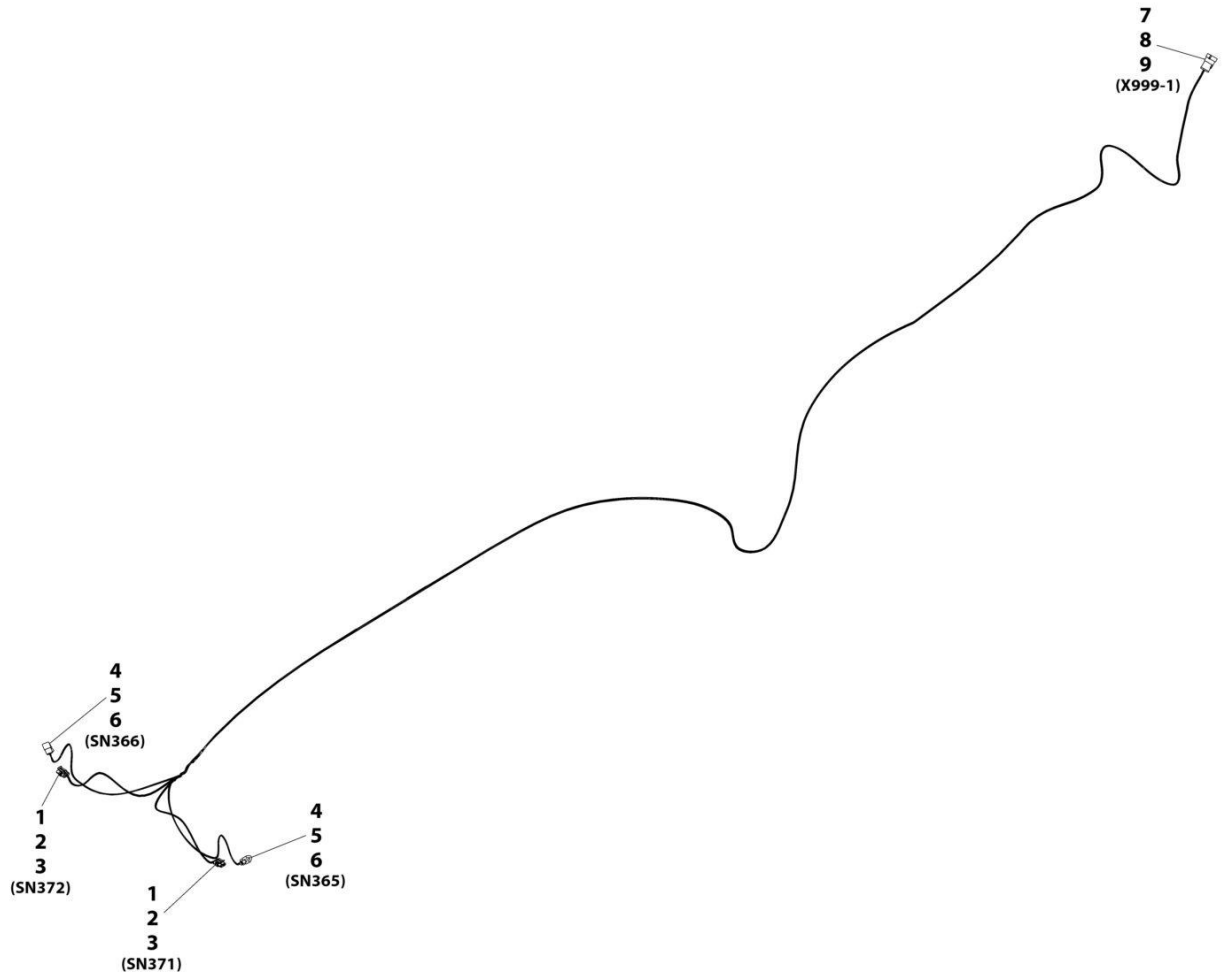
**FIGURE 10-65. OUTRIGGERS DEPLOYED CHASSIS HARNESS - 4017RS (SN 1160007024 through 1160007172)**



## FIGURE 10-65. OUTRIGGERS DEPLOYED CHASSIS HARNESS - 4017RS (SN 1160007024 through 1160007172)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151810 | Ref | Outriggers Deployed Chassis Harness - 4017RS | D |
| 1 | 4461262 | 1 | Connector | |
| 2 | 1001116697 | 3 | Terminal | |
| 3 | 1001104498 | 3 | Seal | |
| 4 | 4461262 | 1 | Connector | |
| 5 | 1001116697 | 3 | Terminal | |
| 6 | 1001104498 | 3 | Seal | |
| 7 | 4460539 | 1 | Connector | |
| 8 | 77363244 | 1 | Lock, Wedge | |
| 9 | 4460465 | 2 | Terminal | |
| 10 | 4460466 | 1 | Plug | |
| 11 | 4460539 | 1 | Connector | |
| 12 | 77363244 | 1 | Lock, Wedge | |
| 13 | 4460465 | 2 | Terminal | |
| 14 | 4460466 | 1 | Plug | |
| 15 | 1001103013 | 1 | Connector | |
| 16 | 1001104497 | 4 | Terminal | |
| 17 | 1001104498 | 4 | Seal | |

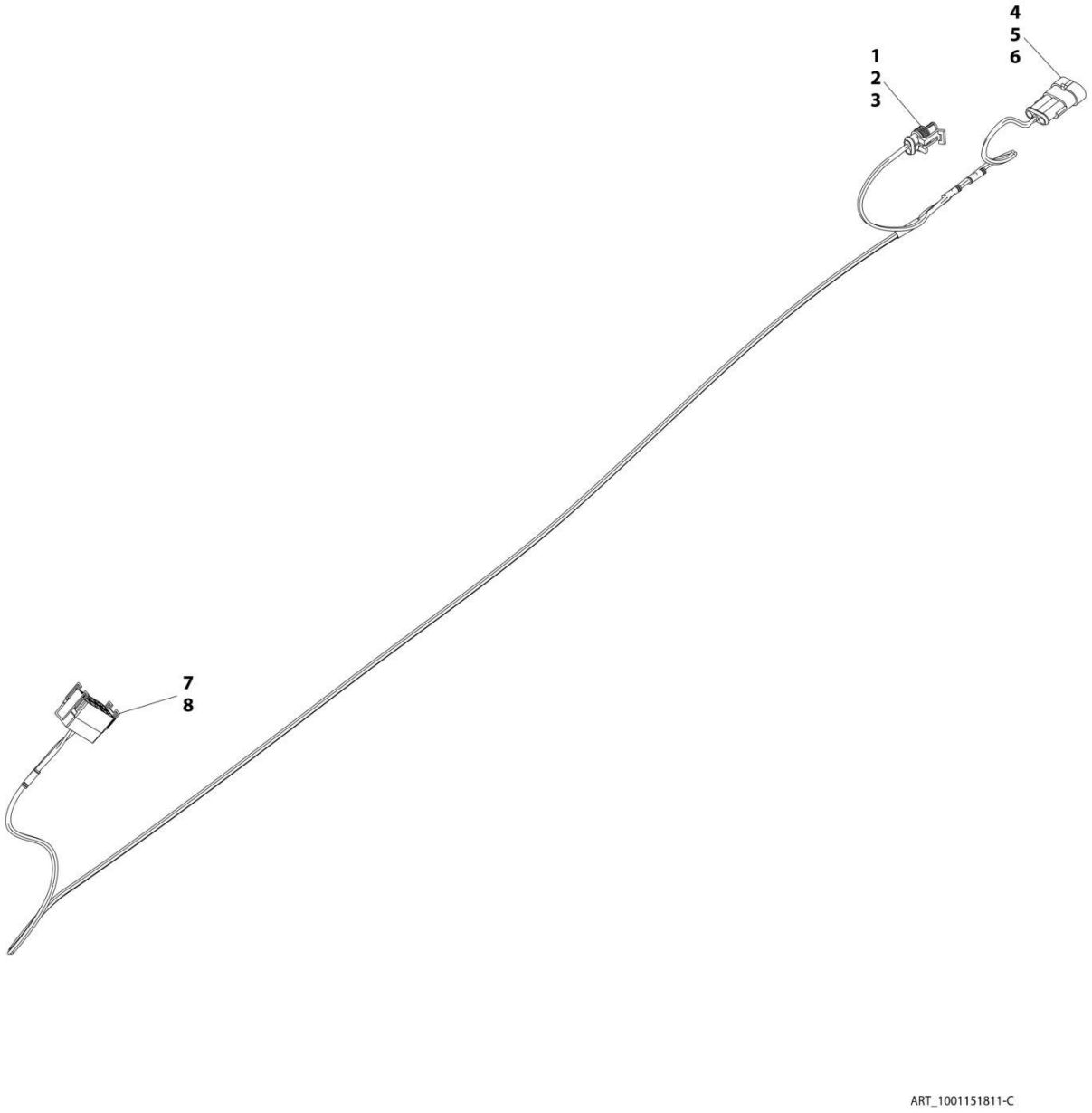
## FIGURE 10-66. OUTRIGGERS DEPLOYED INSTALLATION - 4017RS (SN 1160007172 through 1160008790)



## FIGURE 10-66. OUTRIGGERS DEPLOYED INSTALLATION - 4017RS (SN 1160007172 through 1160008790)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001172310 | Ref | Outriggers Deployed Chassis Harness - 4017RS | A |
| 1 | 4461262 | 1 | Connector | |
| 2 | 1001116697 | 3 | Terminal | |
| 3 | 1001104498 | 3 | Seal | |
| 4 | 4461262 | 1 | Connector | |
| 5 | 1001116697 | 3 | Terminal | |
| 6 | 1001104498 | 3 | Seal | |
| 7 | 4460539 | 1 | Connector | |
| 8 | 77363244 | 1 | Lock, Wedge | |
| 9 | 4460465 | 2 | Terminal | |
| 10 | 4460466 | 1 | Plug | |
| 11 | 4460539 | 1 | Connector | |
| 12 | 77363244 | 1 | Lock, Wedge | |
| 13 | 4460465 | 2 | Terminal | |
| 14 | 4460466 | 1 | Plug | |
| 15 | 1001103013 | 1 | Connector | |
| 16 | 1001104497 | 4 | Terminal | |
| 17 | 1001104498 | 4 | Seal | |

## FIGURE 10-67. OUTRIGGERS DEPLOYED CAB HARNESS - 4017RS



## FIGURE 10-67. OUTRIGGERS DEPLOYED CAB HARNESS - 4017RS

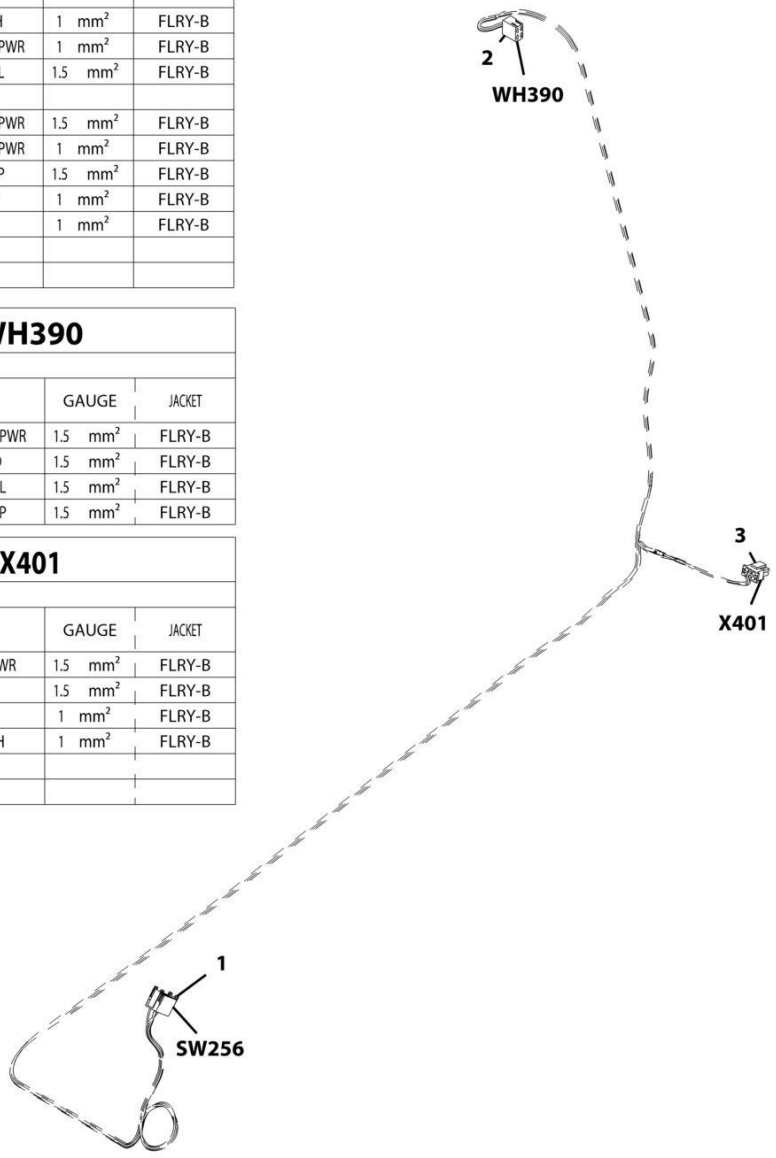
| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151811 | Ref | Outriggers Deployed Cab Harness - 4017RS | C |
| 1 | 4461118 | 1 | Connector | |
| 2 | 1001116697 | 2 | Terminal | |
| 3 | 1001104498 | 2 | Seal | |
| 4 | 4461119 | 1 | Connector | |
| 5 | 1001104497 | 3 | Terminal | |
| 6 | 1001104498 | 3 | Seal | |
| 7 | 1001145234 | 1 | Connector | |
| 8 | 1001104519 | 4 | Terminal | |

## FIGURE 10-68. ROOF WIPER HARNESS

| SW256 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | WHT | 622 RF WASH | 1 mm² | FLRY-B |
| 2 | YEL | 222-3 RF WIPE PWR | 1 mm² | FLRY-B |
| 2 | WHT | 620 RF WIPE L | 1.5 mm² | FLRY-B |
| 3 | | | | |
| 4 | YEL | 222-2 RF WIPE PWR | 1.5 mm² | FLRY-B |
| 5 | YEL | 222-3 RF WIPE PWR | 1 mm² | FLRY-B |
| 6 | WHT | 621 RF WIPE P | 1.5 mm² | FLRY-B |
| 7 | BLK | 055-2 GND | 1 mm² | FLRY-B |
| 8 | WHT | 428 SW LT | 1 mm² | FLRY-B |
| 9 | | | | |
| 10 | | | | |

| WH390 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | YEL | 222-1 RF WIPE PWR | 1.5 mm² | FLRY-B |
| 2 | BLK | 055-1 GND | 1.5 mm² | FLRY-B |
| 3 | WHT | 620 RF WIPE L | 1.5 mm² | FLRY-B |
| 4 | WHT | 621 RF WIPE P | 1.5 mm² | FLRY-B |

| X401 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | YEL | 222 RF WIPE PWR | 1.5 mm² | FLRY-B |
| 2 | BLK | 055 GND | 1.5 mm² | FLRY-B |
| 3 | WHT | 428 SW LT | 1 mm² | FLRY-B |
| 4 | WHT | 622 RF WASH | 1 mm² | FLRY-B |
| 5 | | | | |
| 6 | | | | |




ART_1001146677-B

## FIGURE 10-68. ROOF WIPER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001146677 | Ref | Roof Wiper Harness | B |
| 1 | 1001145234 | 1 | Connector | |
| | 1001104519 | 8 | Terminal | |
| 2 | 1001116986 | 1 | Connector | |
| | 1001104519 | 4 | Terminal | |
| 3 | 4460225 | 1 | Connector | |
| | 4460268 | 4 | Terminal | |

**FIGURE 10-69. HAC CAB HARNESS (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**

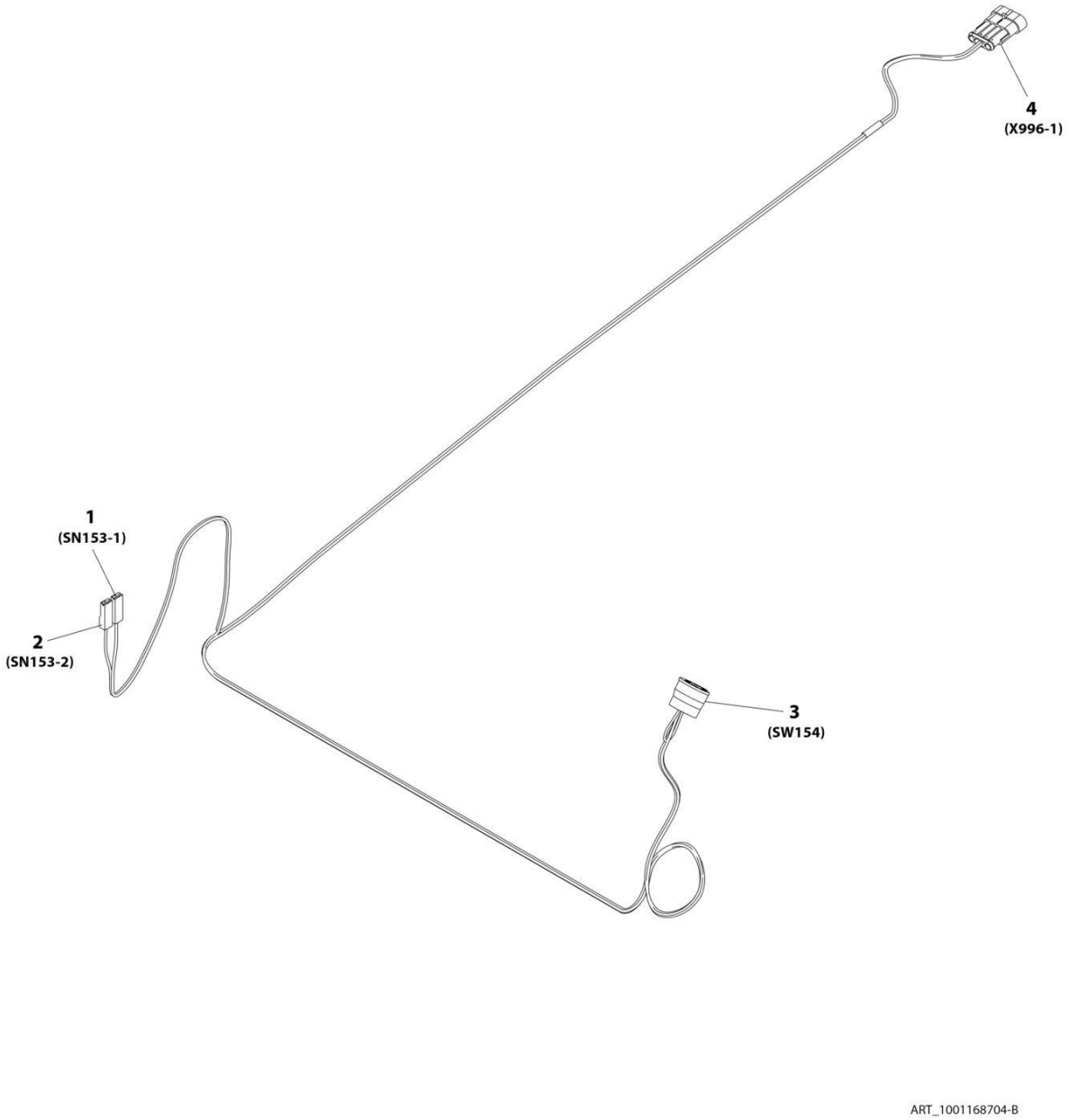


**FIGURE 10-69. HAC CAB HARNESS (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001168704 | Ref | HAC Cab Harness | B |
| 1 | 1001116995 | 1 | Connector | |
| | 1001118379 | 1 | Terminal | |
| 2 | 1001116995 | 1 | Connector | |
| | 1001118379 | 1 | Terminal | |
| 3 | 1001153338 | 1 | Connector | |
| | 1001104519 | 5 | Terminal | |
| 4 | 1001103013 | 1 | Connector | |
| | 1001104497 | 4 | Terminal | |

**FIGURE 10-70. HAC CAB HARNESS (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**

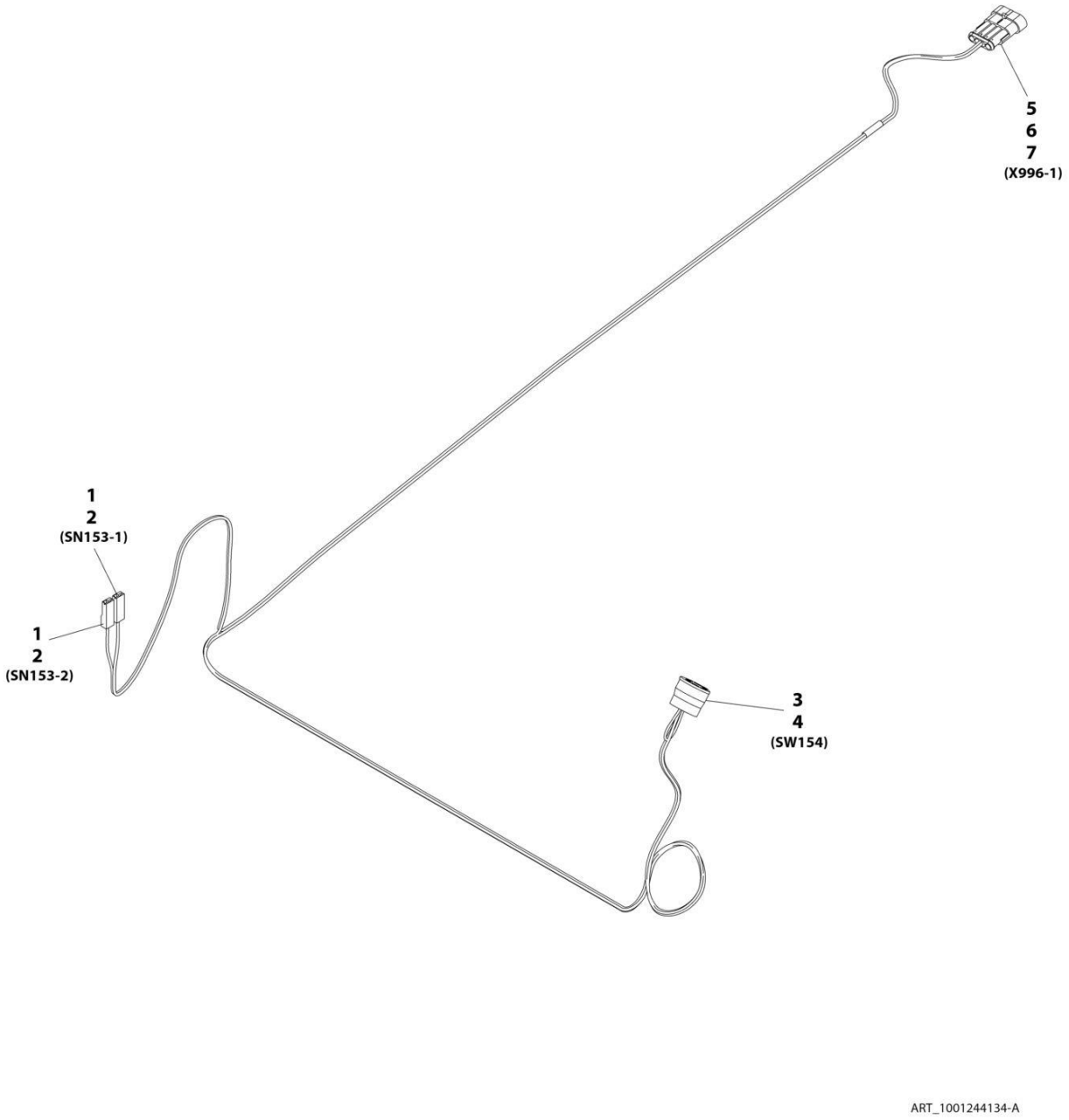


**FIGURE 10-70. HAC CAB HARNESS (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001244134 | Ref | HAC Cab Harness | A |
| 1 | 1001116995 | 1 | Connector | |
| 2 | 1001118379 | 1 | Terminal | |
| 3 | 1001116995 | 1 | Connector | |
| 4 | 1001118379 | 1 | Terminal | |
| 5 | 1001153338 | 1 | Connector | |
| 6 | 1001104519 | 4 | Terminal | |
| 7 | 1001103013 | 1 | Connector | |
| 8 | 1001104497 | 3 | Terminal | |
| 9 | 1001116698 | 1 | Plug | |

## FIGURE 10-71. HAC CHASSIS HARNESS

| SN252 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | WHT | 613-1 AC PRESS | 1 mm² | FLRY-B |
| 2 | WHT | 614 AC COMP | 1 mm² | FLRY-B |

| WH753-1 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| A | BLK | 058 GND | 1.5 mm² | FLRY-B |
| B | WHT | 615-3 COND FAN | 1.5 mm² | FLRY-B |

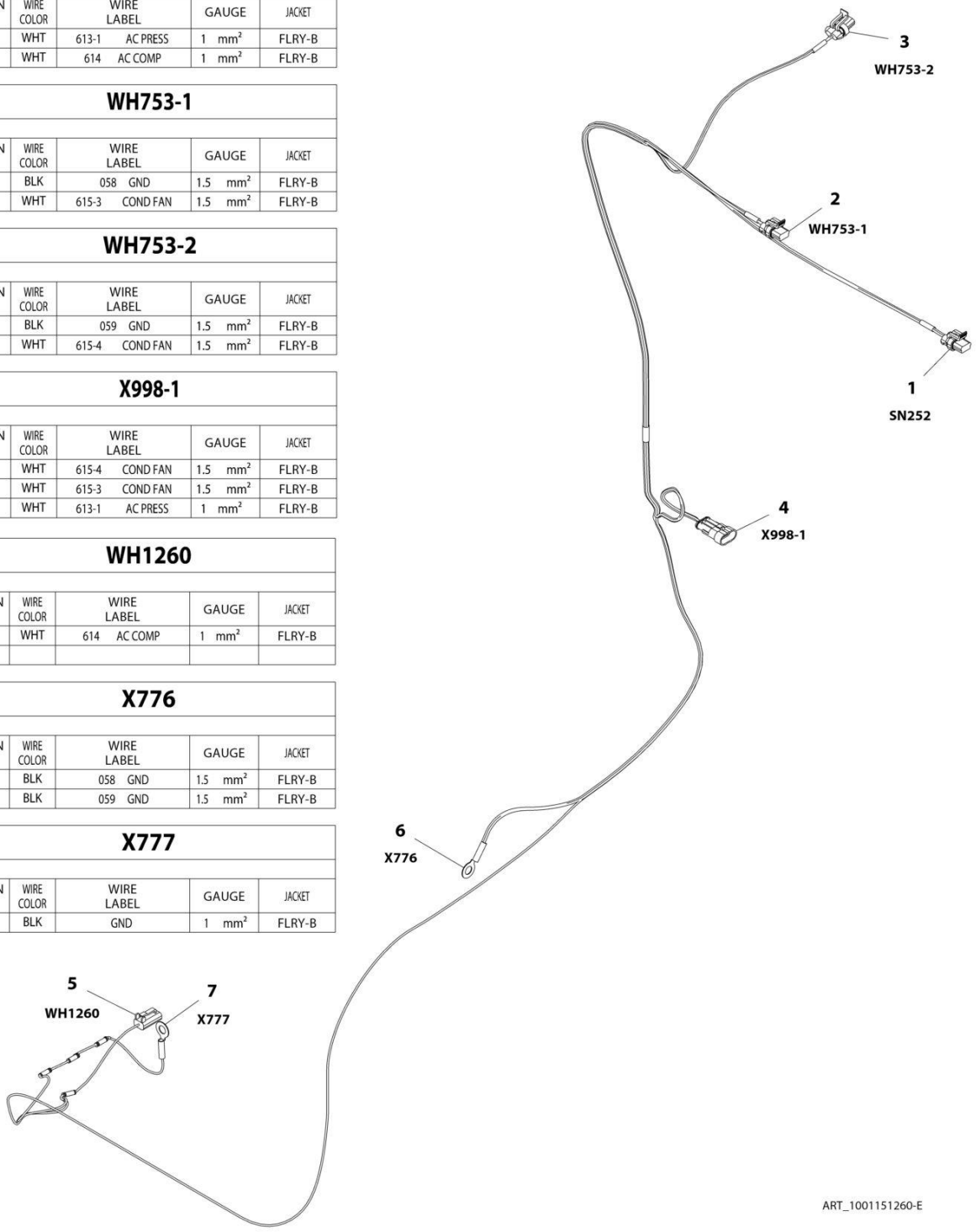
| WH753-2 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| A | BLK | 059 GND | 1.5 mm² | FLRY-B |
| B | WHT | 615-4 COND FAN | 1.5 mm² | FLRY-B |

| X998-1 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | WHT | 615-4 COND FAN | 1.5 mm² | FLRY-B |
| 2 | WHT | 615-3 COND FAN | 1.5 mm² | FLRY-B |
| 3 | WHT | 613-1 AC PRESS | 1 mm² | FLRY-B |

| WH1260 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | WHT | 614 AC COMP | 1 mm² | FLRY-B |
| 2 | | | | |

| X776 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | BLK | 058 GND | 1.5 mm² | FLRY-B |
| 1 | BLK | 059 GND | 1.5 mm² | FLRY-B |

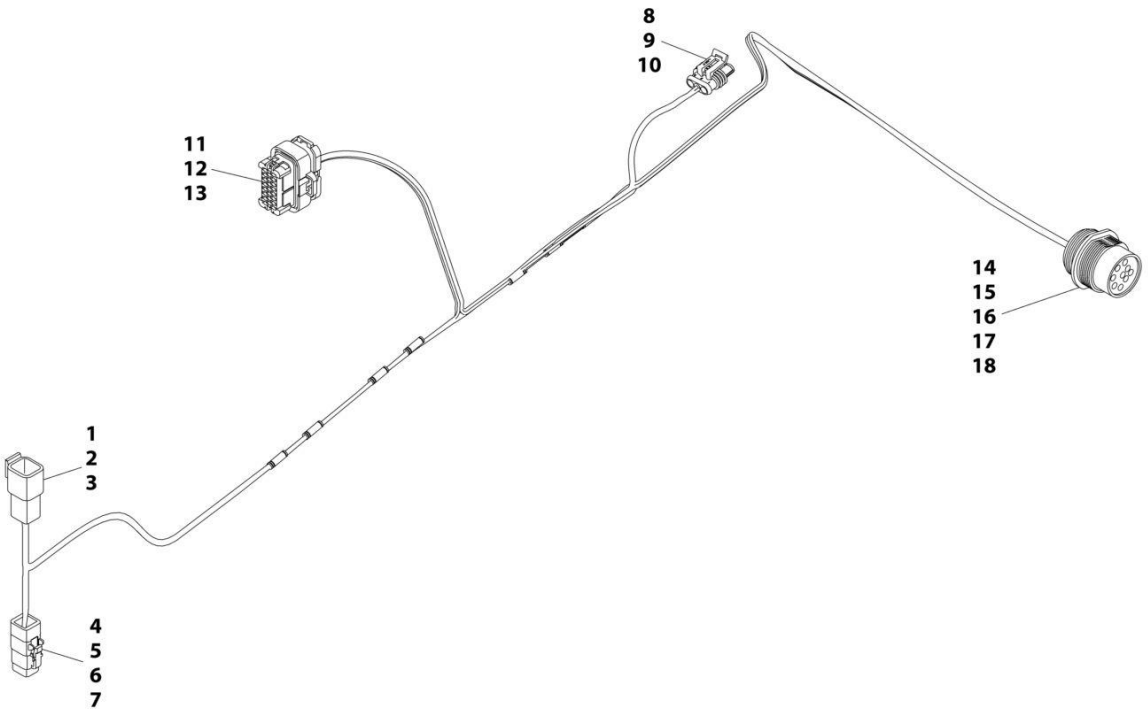
| X777 | | | | |
|---|---|---|---|---|
| CONN POS | WIRE COLOR | WIRE LABEL | GAUGE | JACKET |
| 1 | BLK | GND | 1 mm² | FLRY-B |



## FIGURE 10-71. HAC CHASSIS HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001151260 | Ref | HAC Chassis Harness | E |
| 1 | 1001117021 | 1 | Connector | |
| | 1001116728 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 2 | 1001117021 | 1 | Connector | |
| | 1001234800 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 3 | 1001117021 | 1 | Connector | |
| | 1001234800 | 2 | Terminal | |
| | 4460458 | 2 | Seal | |
| 4 | 4461119 | 1 | Connector | |
| | 1001104497 | 3 | Terminal | |
| | 1001104498 | 3 | Seal | |
| 5 | 4460891 | 1 | Connector | |
| | 80604018 | 1 | Lock, Wedge | |
| | 4460465 | 1 | Terminal | |
| | 4460466 | 1 | Plug | |
| 6 | 1001117110 | 1 | Terminal, Ring | |
| 7 | 4460722 | 1 | Terminal, Ring | |

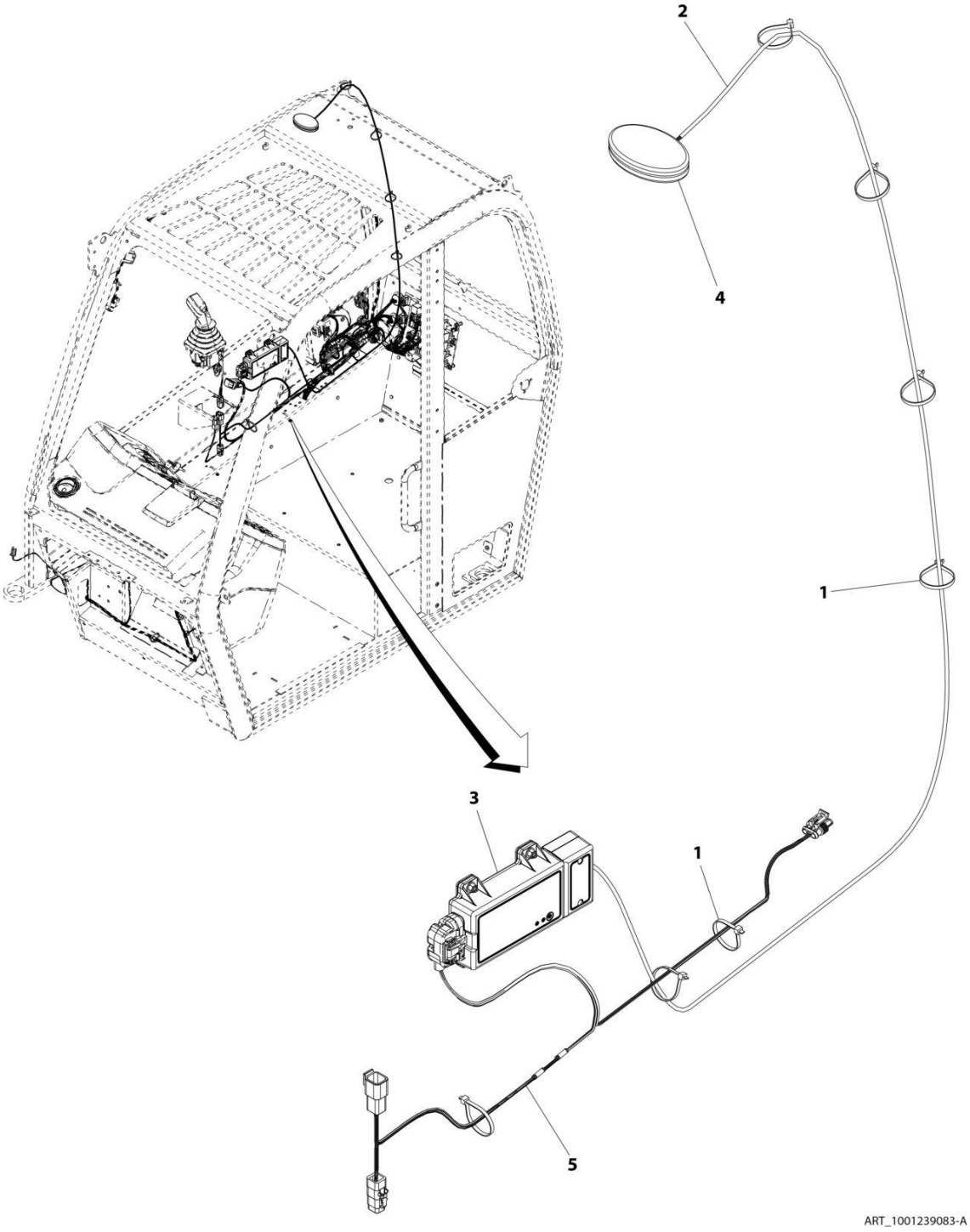
## FIGURE 10-72. CLEARSKY HARNESS



## FIGURE 10-72. CLEARSKY HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001164274 | Ref | Clearsky Harness | A |
| 1 | 4461217 | 1 | Connector | |
| 2 | 1001119620 | 4 | Terminal | |
| 3 | 4460518 | 2 | Plug | |
| 4 | 1001126007 | 1 | Connector | |
| 5 | 7346000239 | 1 | Lock, Connector | |
| 6 | 1001119619 | 4 | Terminal | |
| 7 | 4460518 | 2 | Plug | |
| 8 | 4461262 | 1 | Connector | |
| 9 | 1001116697 | 3 | Terminal | |
| 10 | 1001104498 | 3 | Plug | |
| 11 | 1001116994 | 1 | Connector | |
| 12 | 4460871 | 5 | Terminal | |
| 13 | 4460905 | 18 | Plug | |
| 14 | 1001112612 | 1 | Connector | |
| 15 | 4460464 | 5 | Terminal | |
| 16 | 4460466 | 4 | Plug | |
| 17 | 1001125785 | 1 | Nut, Lock | |
| 18 | 1001125784 | 1 | Washer, Lock | |

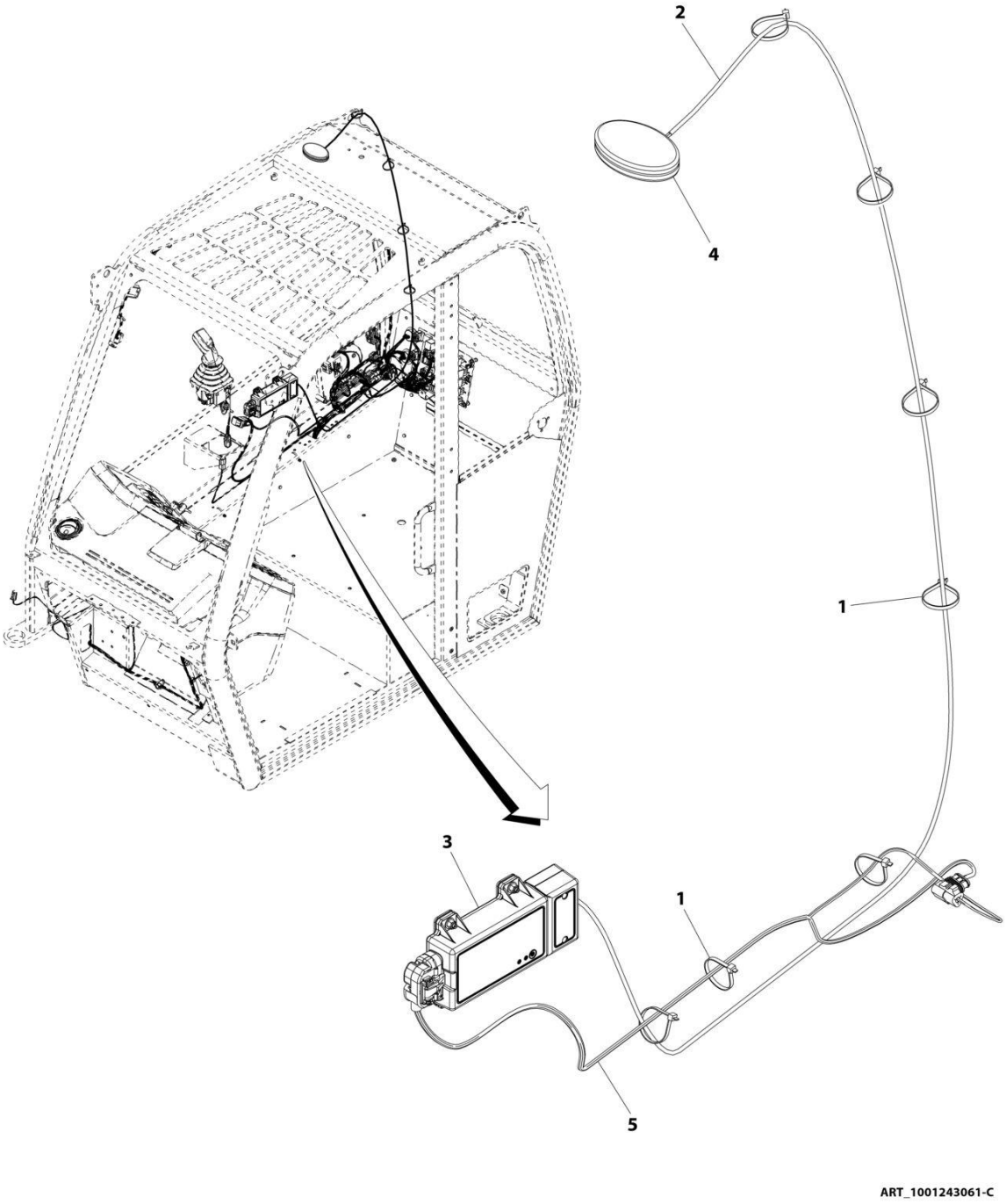
**FIGURE 10-73. CLEARSKY CANBUS INSTALLATION (CE) (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**



## FIGURE 10-73. CLEARSKY CANBUS INSTALLATION (CE) (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239083 | Ref | Clearsky Canbus Installation (CE) | A |
| 1 | 1001008559 | 8 | Strap-Cable | |
| 2 | 1001166282 | 1 | Conduit | |
| 3 | 1001228954 | 1 | Module | |
| 4 | 1001236144 | 1 | Antenna | |
| 5 | 1001239082 | 1 | Clearsky Harness (See Separate Breakdown in this Section) | |

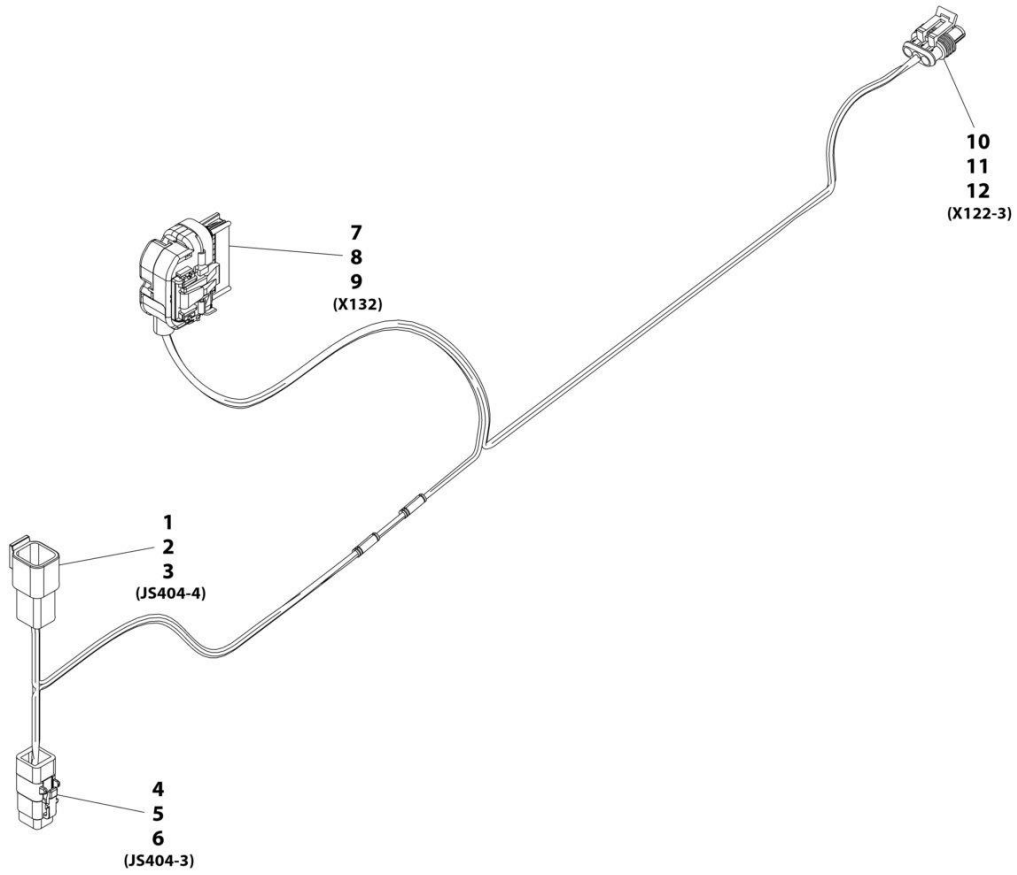
**FIGURE 10-74. CLEARSKY CANBUS INSTALLATION (CE) (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**



## FIGURE 10-74. CLEARSKY CANBUS INSTALLATION (CE) (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243061 | Ref | Clearsky Canbus Installation (CE) | C |
| 1 | 1001008559 | 7 | Strap-Cable | |
| 2 | 1001166282 | 1 | Conduit | |
| 3 | 1001239194 | 1 | Module | |
| 4 | 1001236144 | 1 | Antenna | |
| 5 | 1001243058 | 1 | Clearsky Harness (See Separate Breakdown in this Section) | |

**FIGURE 10-75. CLEARSKY HARNESS (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**



## FIGURE 10-75. CLEARSKY HARNESS (SN E160000001 through E160000141, Excluding 1160008774, 1160008775, 1160008777, E160000120 and E160000126)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239082 | Ref | Clearsky Harness | A |
| 1 | 1001126007 | 1 | Connector | |
| 2 | 1001119619 | 4 | Terminal | |
| 3 | 4460518 | 2 | Plug | |
| 4 | 4461217 | 1 | Connector | |
| 5 | 1001119620 | 4 | Terminal | |
| 6 | 4460518 | 2 | Plug | |
| 7 | 1001226636 | 1 | Connector | |
| 8 | 1001116731 | 19 | Plug | |
| 9 | 1001226637 | 5 | Terminal | |
| 10 | 4461262 | 1 | Connector | |
| 11 | 1001116697 | 3 | Terminal | |
| 12 | 1001104498 | 3 | Seal | |

**FIGURE 10-76. CLEARSKY HARNESS (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**

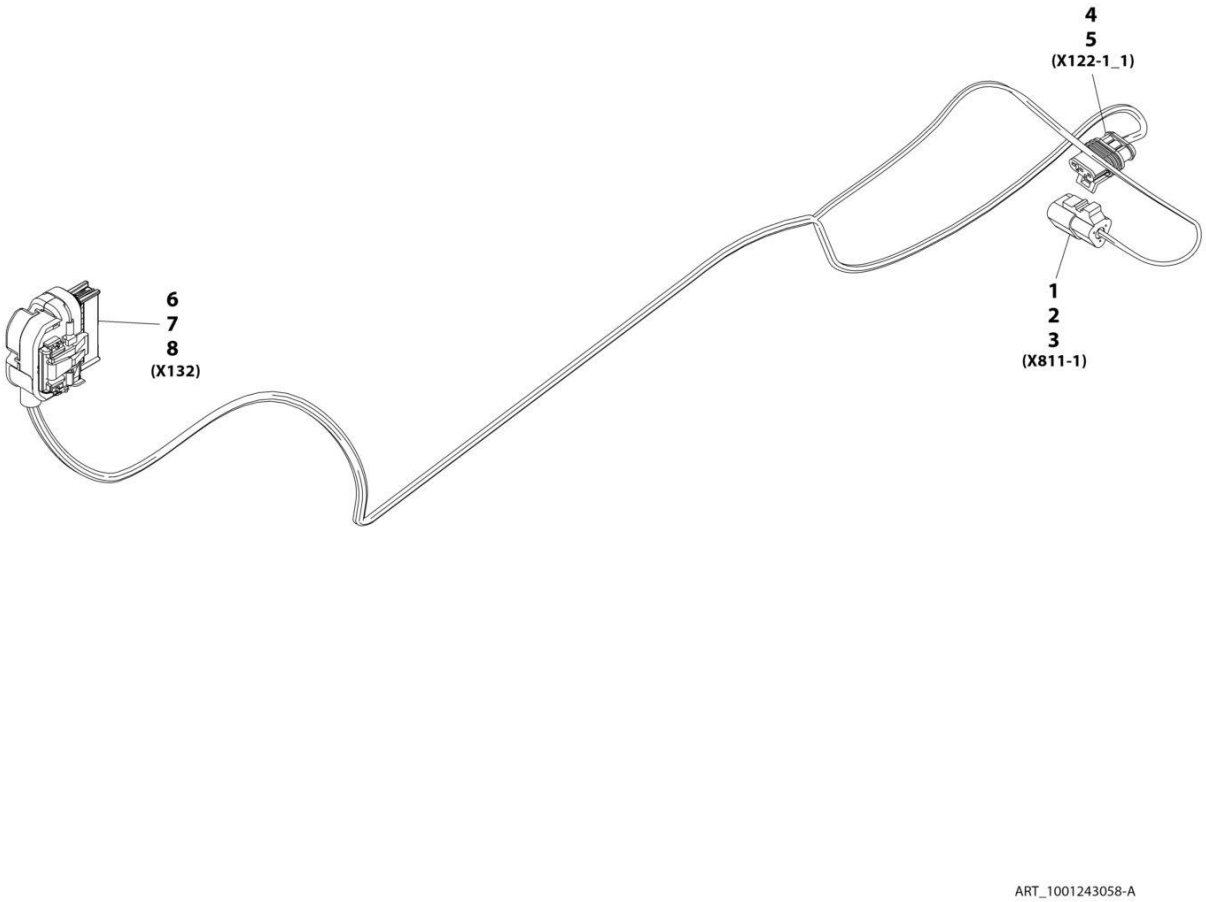
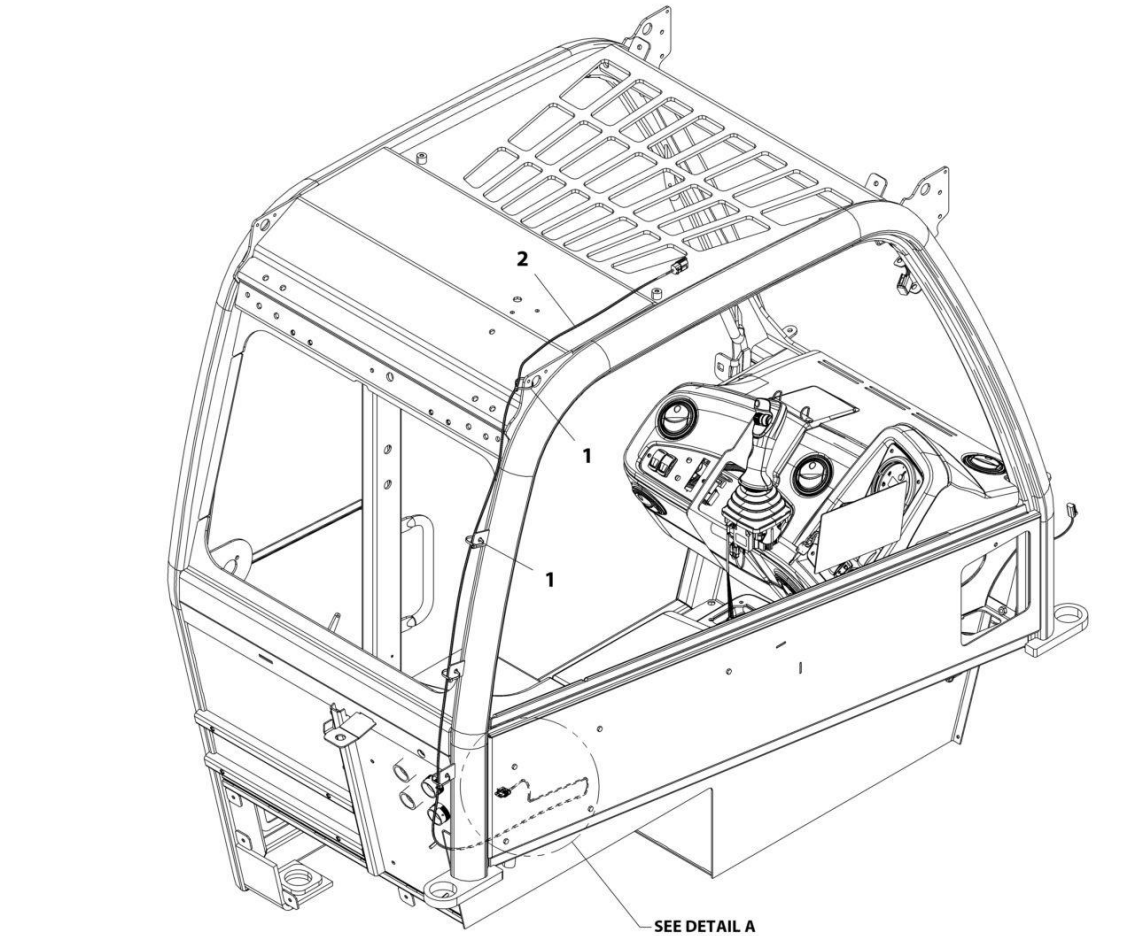
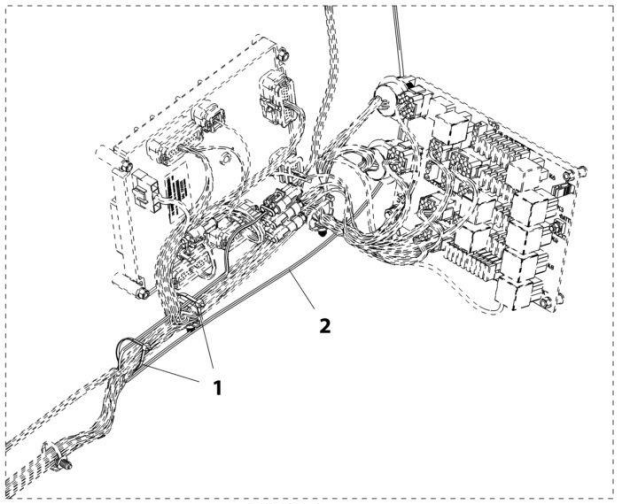


**FIGURE 10-76. CLEARSKY HARNESS (SN E160000141 through E160000496, Including 1160008774, 1160008775, 1160008777, E160000120 and E160000126)**

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001243058 | Ref | Clearsky Harness | A |
| 1 | 4460539 | 1 | Connector | |
| 2 | 4460465 | 2 | Terminal | |
| 3 | 4460466 | 1 | Terminal | |
| 4 | 4461262 | 1 | Connector | |
| 5 | 1001166818 | 3 | Terminal | |
| 6 | 1001226636 | 1 | Connector | |
| 7 | 1001226637 | 5 | Terminal | |
| 8 | 1001116731 | 19 | Terminal | |

## FIGURE 10-77. UNIVERSAL TELEMATICS INSTALLATION




DETAIL A

ART_1001205597-A

## FIGURE 10-77. UNIVERSAL TELEMATICS INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001205597 | Ref | Universal Telematics Installation (if equipped) | A |
| 1 | 1001008559 | 6 | Strap, Cable | |
| 2 | 1001205596 | 1 | Harness, Universal Telematics (See UNIVERSAL TELEMATICS HARNESS for Breakdown) | |

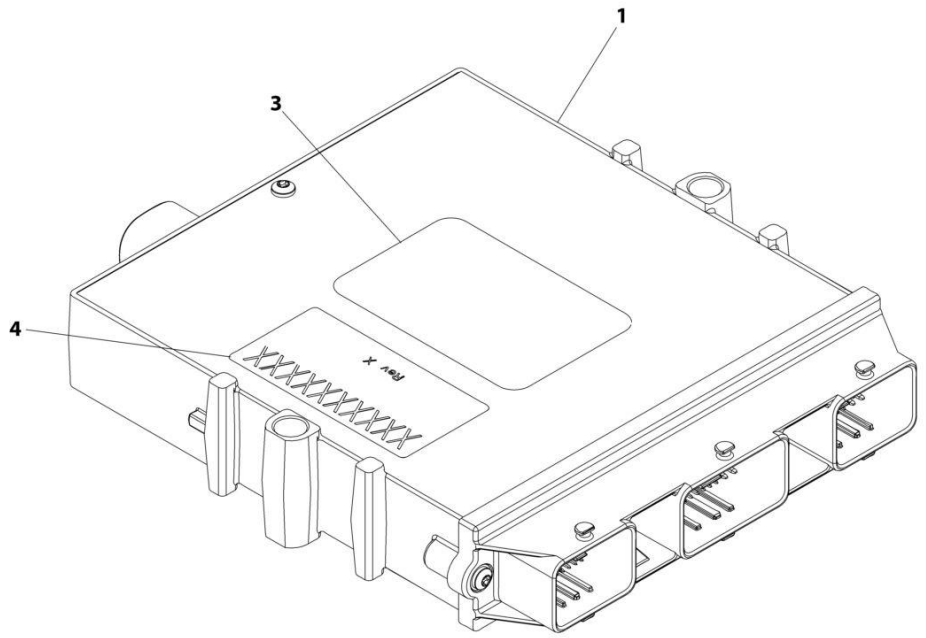
## FIGURE 10-78. UNIVERSAL TELEMATICS HARNESS



## FIGURE 10-78. UNIVERSAL TELEMATICS HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001205596 | Ref | Universal Telematics Harness | A |
| 1 | 4460884 | 1 | Connector | |
| 2 | 4460465 | 3 | Terminal | |
| 3 | 4460466 | 1 | Plug | |
| 4 | 80604021 | 1 | Lock, Wedge | |
| 5 | 1001192401 | 1 | Cap Dust | |
| 6 | 4461262 | 1 | Connector | |
| 7 | 1001116697 | 3 | Terminal | |
| 8 | 1001104498 | 3 | Plug | |

## FIGURE 10-79. REAR FRAME MODULE

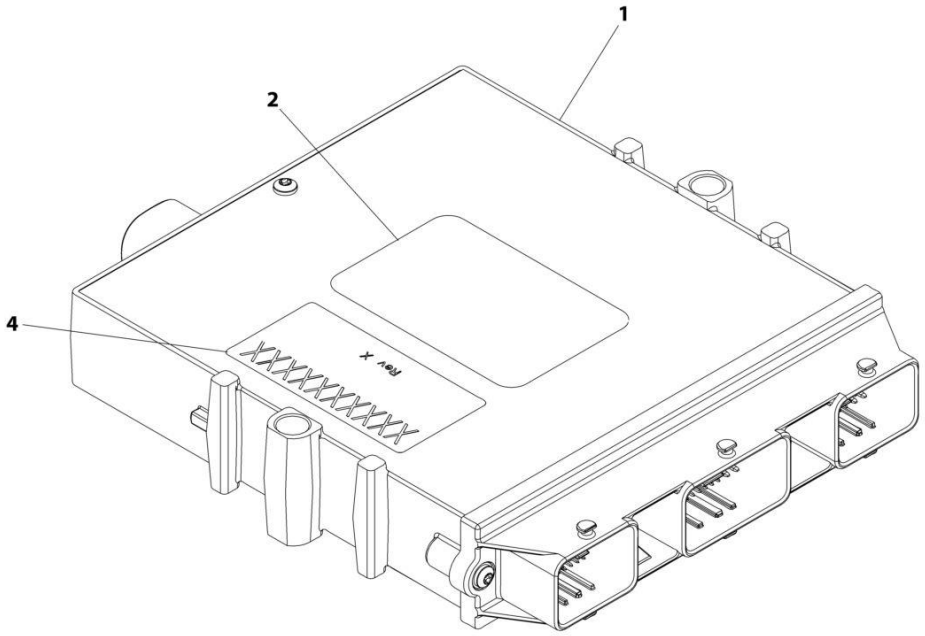



ART_1001209576-M

## FIGURE 10-79. REAR FRAME MODULE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001209576 | Ref | Rear Frame Module | M |
| 1 | 1001162250 | 1 | PC Board | |
| 2 | 1001209580 | 1 | Software, Rear Frame Module | |
| 3 | 1001162248 | 1 | Label, Generic Control Module | |
| 4 | 1001202061 | 1 | Decal, Control Module | |

## FIGURE 10-80. FRONT FRAME MODULE

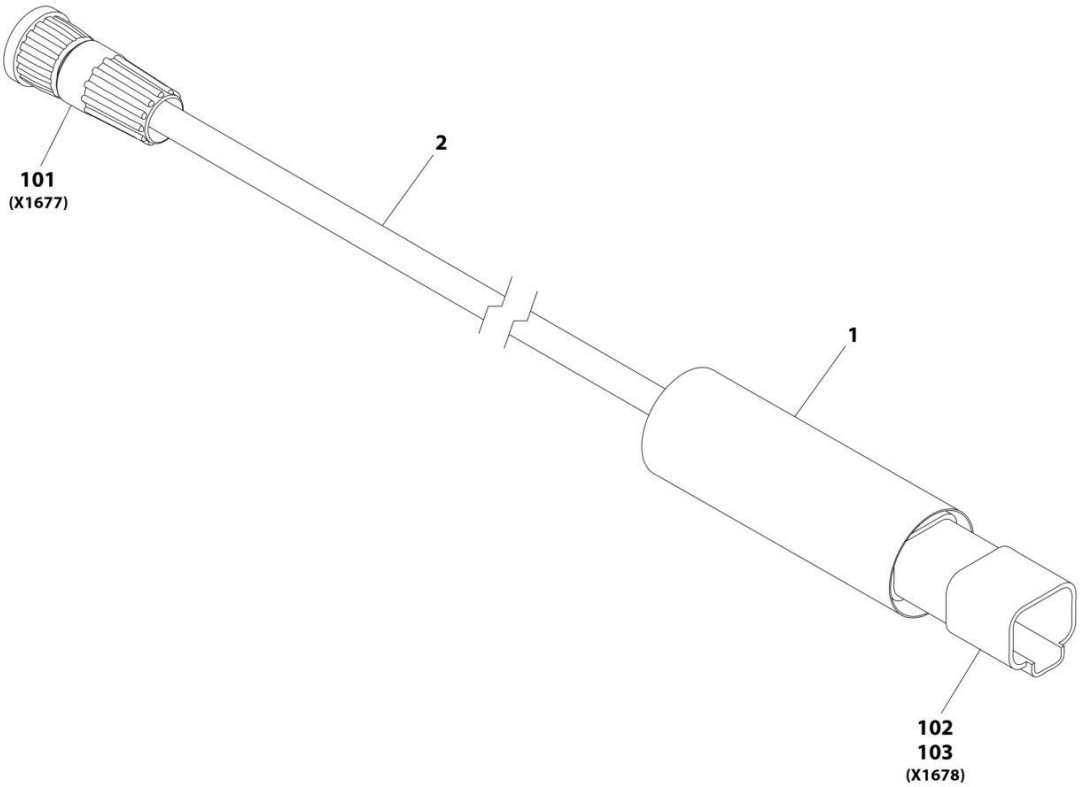



ART_1001209577-M

## FIGURE 10-80. FRONT FRAME MODULE

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001209577 | Ref | Front Frame Module | M |
| 1 | 1001162250 | 1 | PC Board | |
| 2 | 1001162248 | 1 | Label, Generic Control Module | |
| 3 | 1001209579 | 1 | Software, Rear Frame Module | |
| 4 | 1001202061 | 1 | Decal, Control Module | |

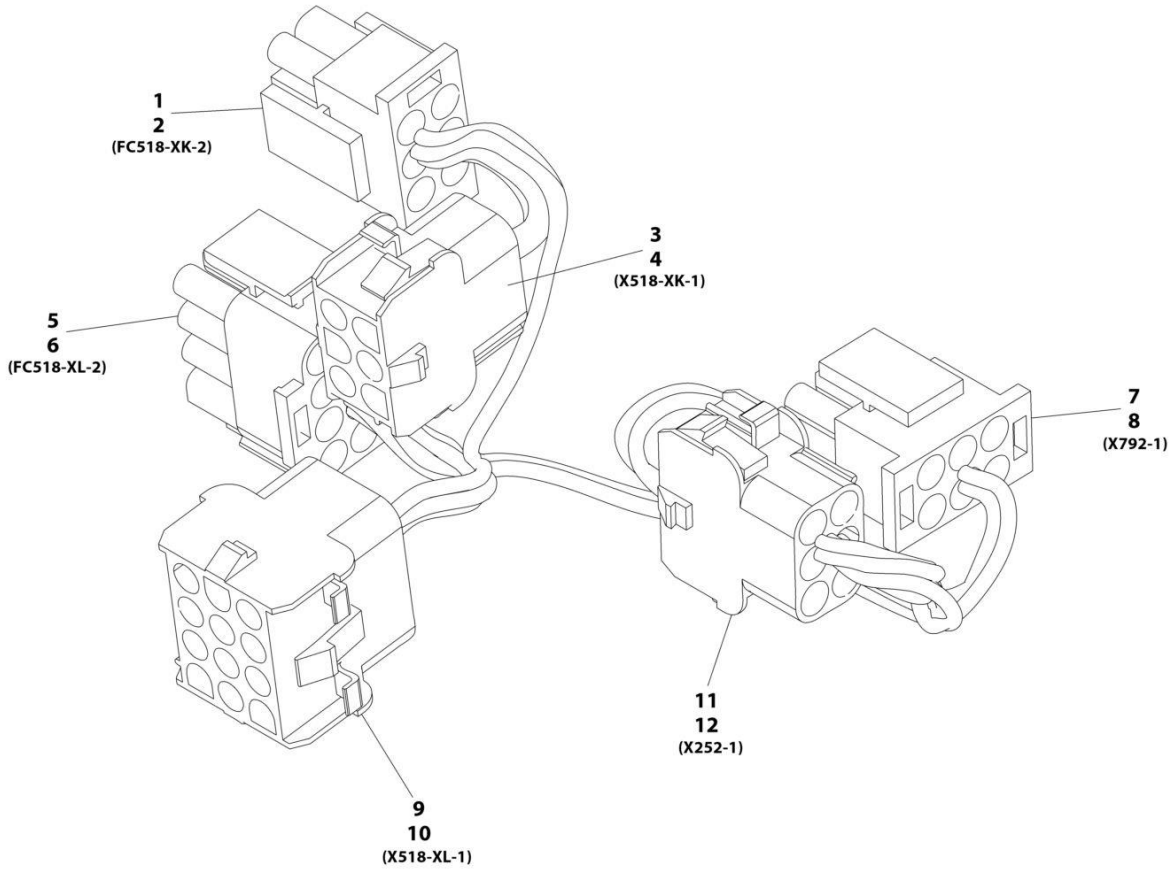
## FIGURE 10-81. TELEMATICS HARNESS



## FIGURE 10-81. TELEMATICS HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001227066 | Ref | Telematics Harness | A |
| 1 | 1001226400 | 0.33 ft | Insulate, Heat Shrink | |
| 2 | 1001227068 | 3.3 ft | Cable | |
| 101 | 1001227266 | 1 | Connector | |
| 102 | 1001129407 | 1 | Connector | |
| 103 | 4460464 | 4 | Terminal | |

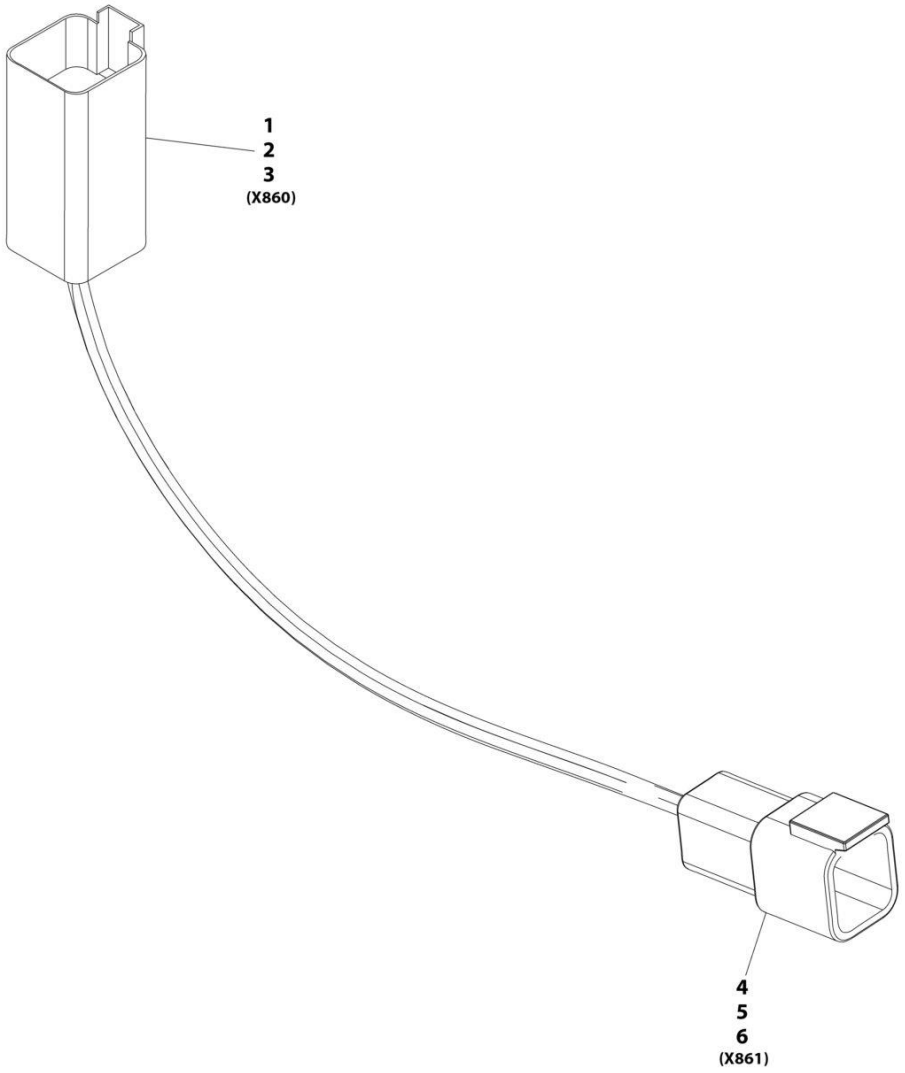
## FIGURE 10-82. WORKLIGHTS JUMPER HARNESS



## FIGURE 10-82. WORKLIGHTS JUMPER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001250544 | Ref | Worklight Jumper Harness | B |
| 1 | 4460225 | 1 | Connector | |
| 2 | 4460267 | 5 | Terminal | |
| 3 | 4460224 | 1 | Connector | |
| 4 | 4460268 | 4 | Terminal | |
| 5 | 4460343 | 1 | Connector | |
| 6 | 4460268 | 6 | Terminal | |
| 7 | 4460225 | 1 | Connector | |
| 8 | 4460267 | 3 | Terminal | |
| 9 | 4460367 | 1 | Connector | |
| 10 | 4460267 | 5 | Terminal | |
| 11 | 4460224 | 1 | Connector | |
| 12 | 4460268 | 5 | Terminal | |

## FIGURE 10-83. JOYSTICK JUMPER HARNESS



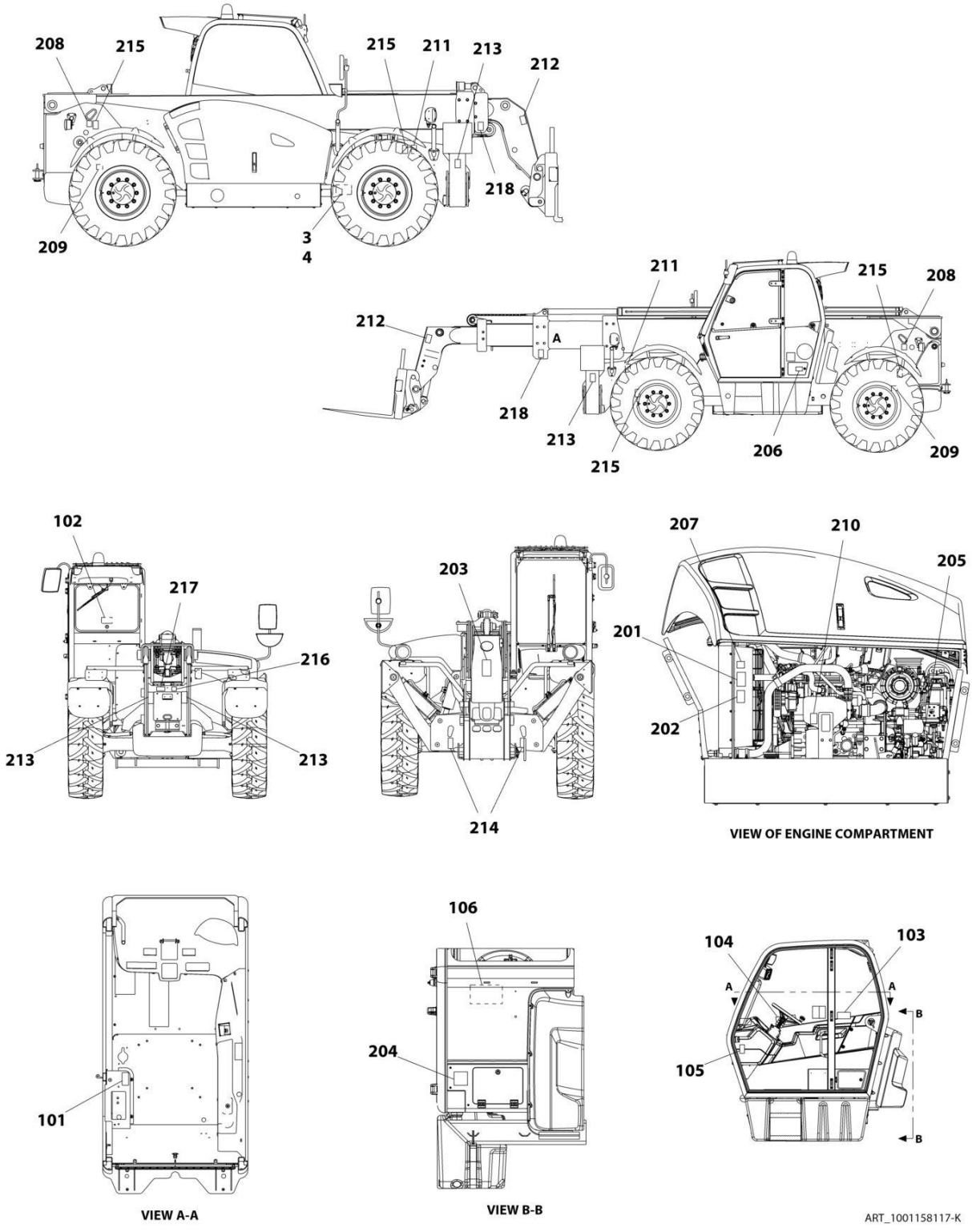
## FIGURE 10-83. JOYSTICK JUMPER HARNESS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001245322 | Ref | Joystick Jumper Harness | A |
| 1 | 4460899 | 1 | Connector | |
| 2 | 4460464 | 4 | Terminal | |
| 3 | 4460466 | 2 | Terminal | |
| 4 | 4461217 | 1 | Connector | |
| 5 | 1001126010 | 4 | Terminal | |
| 6 | 4460518 | 2 | Terminal | |

# SECTION 11 - DECALS

# SECTION 11 - DECALS

## FIGURE 11-1. DECAL LOCATION INSTALLATION (ULS) (SN E160000001 through E160000191)

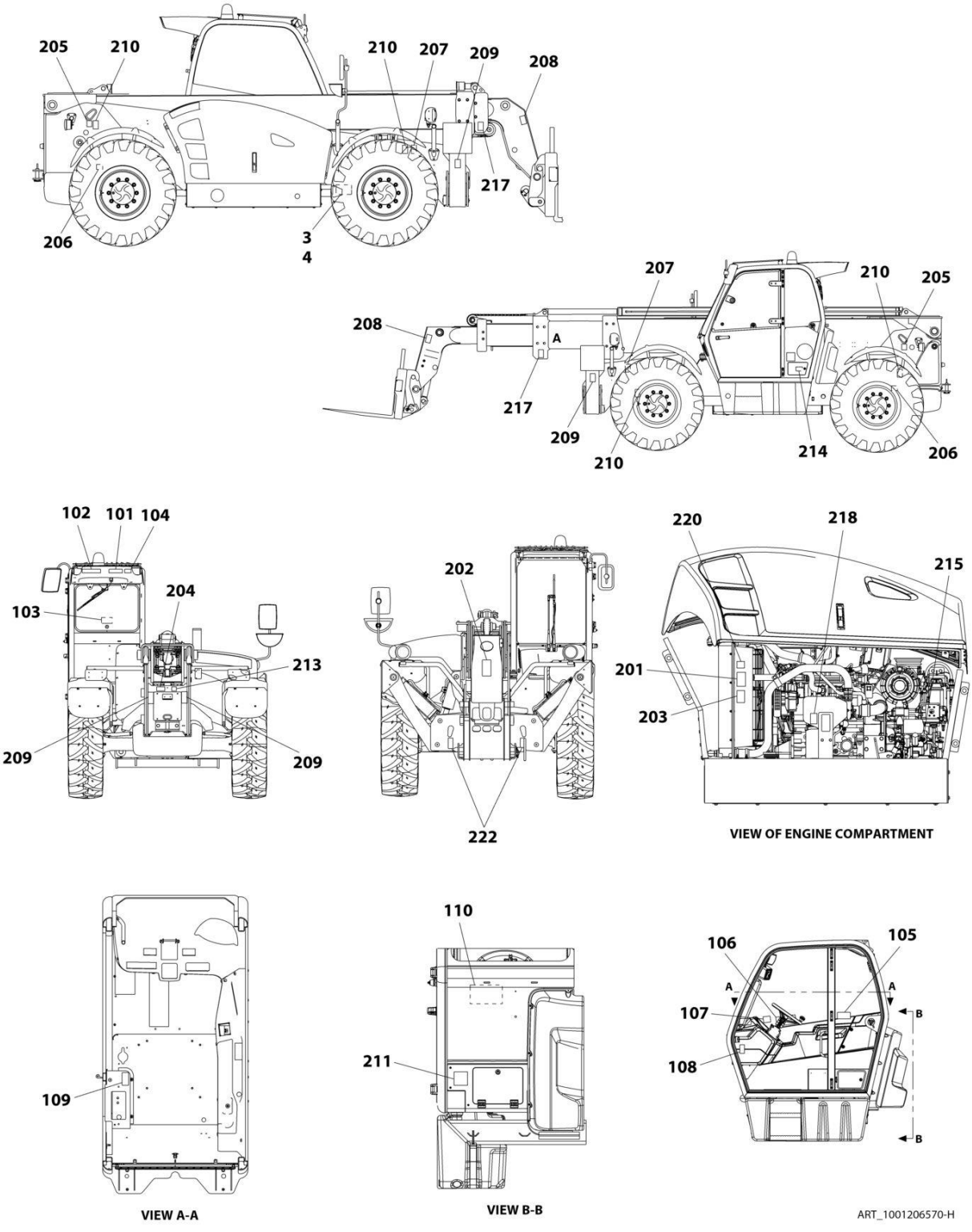


## FIGURE 11-1. DECAL LOCATION INSTALLATION (ULS) (SN E160000001 through E160000191)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158117 | Ref | Decal Location Installation (ULS) | K |
| 3 | 1001009178 | 4 | Tack, Metal | |
| 4 | N.S.S. | 1 | Nameplate, Serial Number | |
| 101 | 1706209 | 1 | Decal, Park Brake | |
| 102 | 8005870 | 1 | Decal, Emergency Exit | |
| 103 | 1001092878 | 1 | Decal, No Riders (ISO) | |
| 104 | 1001101895 | 1 | Decal, Cab Warning | |
| 105 | 8005670 | 1 | Decal, Read Operators Manual Instructions | |
| 106 | 1001158300 | 1 | Decal, Fuse | |
| 201 | 1706098 | 1 | Decal, Warning Ether Start | |
| 202 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 203 | 8006038 | 1 | Decal, No Riders Warning | |
| 204 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 205 | 1001139164 | 1 | Decal, Battery Warning | |
| 206 | 1001139654 | 1 | Decal, Ultra Low Sulphur Fuel | |
| 207 | AU2105 | 1 | Decal, No Karcher | |
| 208 | 8005616 | 2 | Decal, Lifting Point | |
| 209 | 8005617 | 2 | Decal, Tie Down Point | |
| 210 | 8005670 | 1 | Decal, Read Operators Manual Instructions | |
| 211 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 212 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 213 | 8006612 | 4 | Decal, Stay Clear of Swing Area | |
| 214 | 1001100957 | 2 | Decal, Lift/Tie Down Point | |
| 215 | 8008657 | 4 | Decal, Set Brake Lever Warning | |
| 216 | 1001104319 | 1 | Decal, Chain Roller Greasing Point | |
| 217 | 1001158844 | 1 | Decal, Hand Crushing Hazard | |
| 218 | 1001168718 | 2 | Decal, Chain Drive Entanglement Hazard | |

# SECTION 11 - DECALS

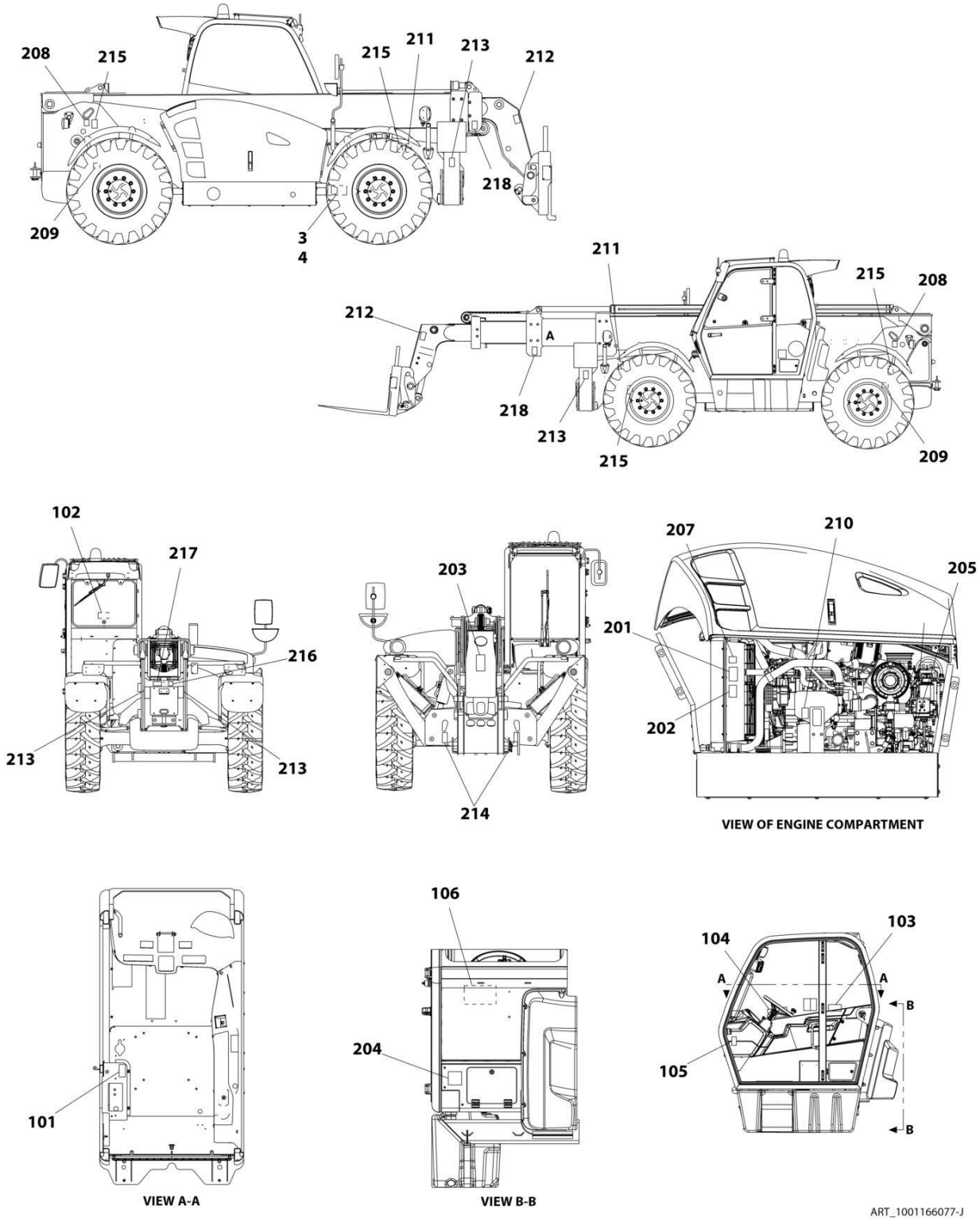
## FIGURE 11-2. DECAL LOCATION INSTALLATION (ULS) (SN E160000191 through E160000496)



## FIGURE 11-2. DECAL LOCATION INSTALLATION (ULS) (SN E160000191 through E160000496)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206570 | Ref | Decal Location Installation (ULS) | H |
| 3 | 1001009178 | 4 | Tack, Metal | |
| 4 | N.S.S. | 1 | S/N Plate | |
| 101 | 1706284 | 1 | Decal, Electrocution Hazard (ISO) | |
| 102 | 1706288 | 1 | Decal, Tipover Warning (ISO) | |
| 103 | 8005870 | 1 | Decal, Emergency Exit | |
| 104 | 1001092877 | 1 | Decal, Crush Hazard Warning (ISO) | |
| 105 | 1001092878 | 1 | Decal, No Riders | |
| 106 | 1001101895 | 1 | Decal, Warning-Cab | |
| 107 | 1001172035 | 1 | Decal, No Weld Or Drill | |
| 108 | 1001189154 | 1 | Decal, Read Operators Manual | |
| 109 | 1001214206 | 1 | Decal, Park Brake | |
| 110 | 1001250530 | 1 | Decal, Fuse | |
| 201 | 1706098 | 1 | Decal, Warning Ether Start | |
| 202 | 1001223875 | 1 | Decal, No Standing on Forks | |
| 203 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 204 | 1706292 | 1 | Decal, Pinch Point (ISO) | |
| 205 | 8005616 | 4 | Decal, Lifting Point | |
| 206 | 8005617 | 4 | Decal, Tie Down Point | |
| 207 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 208 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 209 | 8006612 | 4 | Decal, Stay Clear of Swing Area | |
| 210 | 8008657 | 4 | Decal, Set Brake Lever Warning | |
| 211 | 1001094708 | 4 | Decal, Hydraulic Oil | |
| 213 | 1001104319 | 1 | Decal, Chain Roller Greasing Point | |
| 214 | 1001130323 | 1 | Decal, Oil Level | |
| 215 | 1001139164 | 1 | Decal, Battery Warning | |
| 217 | 1001168718 | 2 | Decal, Chain Drive Entanglement Hazard | |
| 218 | 1001189154 | 1 | Decal, Read Operators Manual | |
| 220 | AU2105 | 1 | Decal, No Karcher | |
| 222 | 1001241674 | 4 | Decal, Retrieval Point | |

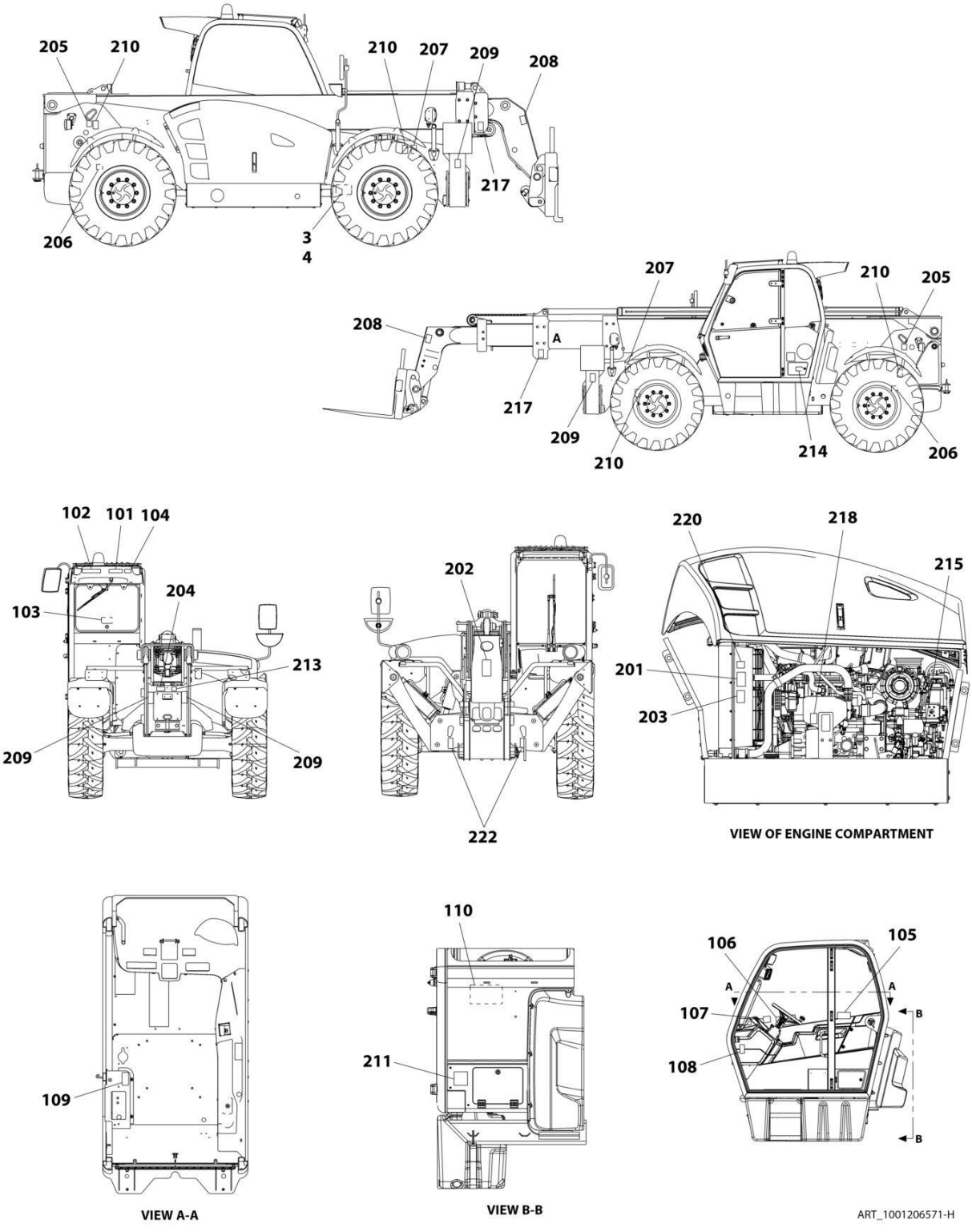
## FIGURE 11-3. DECAL LOCATION INSTALLATION (LS) (SN E160000001 through E160000191)



## FIGURE 11-3. DECAL LOCATION INSTALLATION (LS) (SN E160000001 through E160000191)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001166077 | Ref | Decal Location Installation (LS) | J |
| 3 | 1001009178 | 4 | Tack, Metal | |
| 4 | N.S.S. | 1 | Nameplate, Serial Number | |
| 101 | 1706209 | 1 | Decal, Park Brake | |
| 102 | 8005870 | 1 | Decal, Emergency Exit | |
| 103 | 1001092878 | 1 | Decal, No Riders (ISO) | |
| 104 | 1001101895 | 1 | Decal, Cab Warning | |
| 105 | 8005670 | 1 | Decal, Read Operators Manual Instruction | |
| 106 | 1001158300 | 1 | Decal, Fuse | |
| 201 | 1706098 | 1 | Decal, Warning Ether Start | |
| 202 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 203 | 8006038 | 1 | Decal, No Riders Warning | |
| 204 | 1001094708 | 1 | Decal, Hydraulic Oil | |
| 205 | 1001139164 | 1 | Decal, Battery Warning | |
| 207 | AU2105 | 1 | Decal, No Karcher | |
| 208 | 8005616 | 2 | Decal, Lifting Point | |
| 209 | 8005617 | 2 | Decal, Tie Down Point | |
| 210 | 8005670 | 1 | Decal, Read Operators Manual Instruction | |
| 211 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 212 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 213 | 8006612 | 4 | Decal, Stay Clear of Swing Area Warning | |
| 214 | 1001100957 | 2 | Decal, Lift/Tie Down Point | |
| 215 | 8008657 | 4 | Decal, Set Brake Lever | |
| 216 | 1001104319 | 1 | Decal, Chain Roller Greasing Point | |
| 217 | 1001158844 | 1 | Decal, Hand Crushing Hazard | |
| 218 | 1001168718 | 2 | Decal, Chain Drive Entanglement Hazard | |

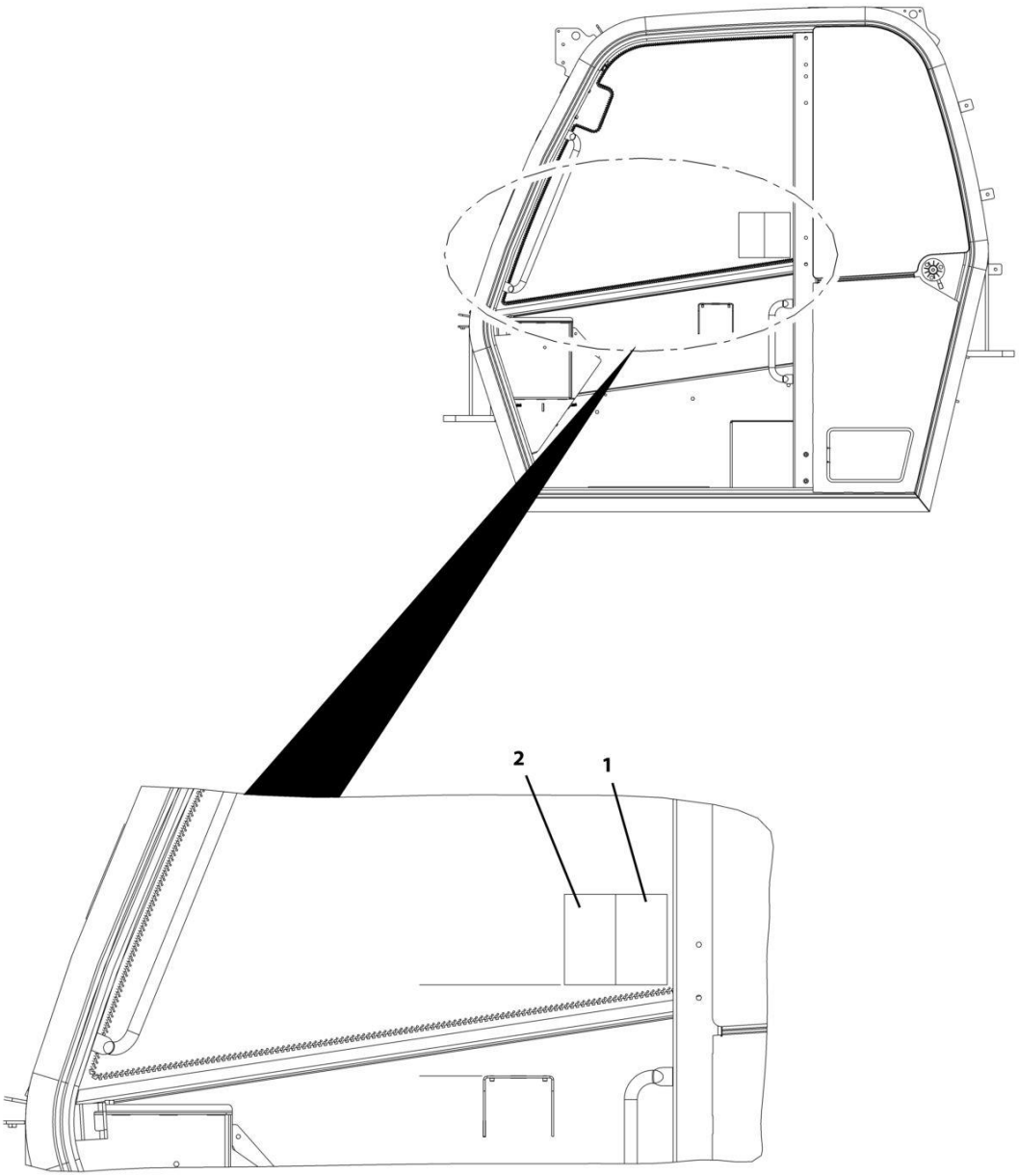
## FIGURE 11-4. DECAL LOCATION INSTALLATION (LS) (SN E160000191 through E160000496)



## FIGURE 11-4. DECAL LOCATION INSTALLATION (LS) (SN E160000191 through E160000496)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001206571 | Ref | Decal Location Installation (LS) | H |
| 3 | 1001009178 | 4 | Tack, Metal | |
| 4 | N.S.S. | 1 | S/N Plate | |
| 101 | 1706284 | 1 | Decal, Electrocution Hazard (ISO) | |
| 102 | 1706288 | 1 | Decal, Tipover Warning (ISO) | |
| 103 | 8005870 | 1 | Decal, Emergency Exit | |
| 104 | 1001092877 | 1 | Decal, Crush Hazard Warning (ISO) | |
| 105 | 1001092878 | 1 | Decal, No Riders (ISO) | |
| 106 | 1001101895 | 1 | Decal, Cab Warning | |
| 107 | 1001172035 | 1 | Decal, No Weld Or Drill | |
| 108 | 1001189154 | 1 | Decal, Read Operators Manual | |
| 109 | 1001214206 | 1 | Decal, Park Brake | |
| 110 | 1001250530 | 1 | Decal, Fuse | |
| 201 | 1706098 | 1 | Decal, Warning Ether Start | |
| 202 | 1001223875 | 1 | Decal, No Standing on Forks | |
| 203 | 1706285 | 1 | Decal, Moving Parts (ISO) | |
| 204 | 1706292 | 1 | Decal, Pinch Point (ISO) | |
| 205 | 8005616 | 4 | Decal, Lifting Point | |
| 206 | 8005617 | 4 | Decal, Tie Down Point | |
| 207 | 8005671 | 2 | Decal, Cylinder Lock Warning | |
| 208 | 8005675 | 2 | Decal, Watch for Raised Boom Warning | |
| 209 | 8006612 | 4 | Decal, Stay Clear of Swing Area Warning | |
| 210 | 8008657 | 4 | Decal, Set Brake Lever | |
| 211 | 1001094708 | 4 | Decal, Hydraulic Oil | |
| 213 | 1001104319 | 1 | Decal, Chain Roller Greasing Point | |
| 214 | 1001130323 | 1 | Decal, Oil Level | |
| 215 | 1001139164 | 1 | Decal, Battery Warning | |
| 217 | 1001168718 | 2 | Decal, Chain Drive Entanglement Hazard | |
| 218 | 1001189154 | 1 | Decal, Read Operators Manual | |
| 220 | AU2105 | 1 | Decal, No Karcher | |
| 222 | 1001241674 | 4 | DECAL,RETRIEVAL POINT | |

**FIGURE 11-5. JOYSTICK DECAL INSTALLATION, BUCKET (SN 1160007024 through 1160008269, Excluding 1160008192 and 1160008201)**

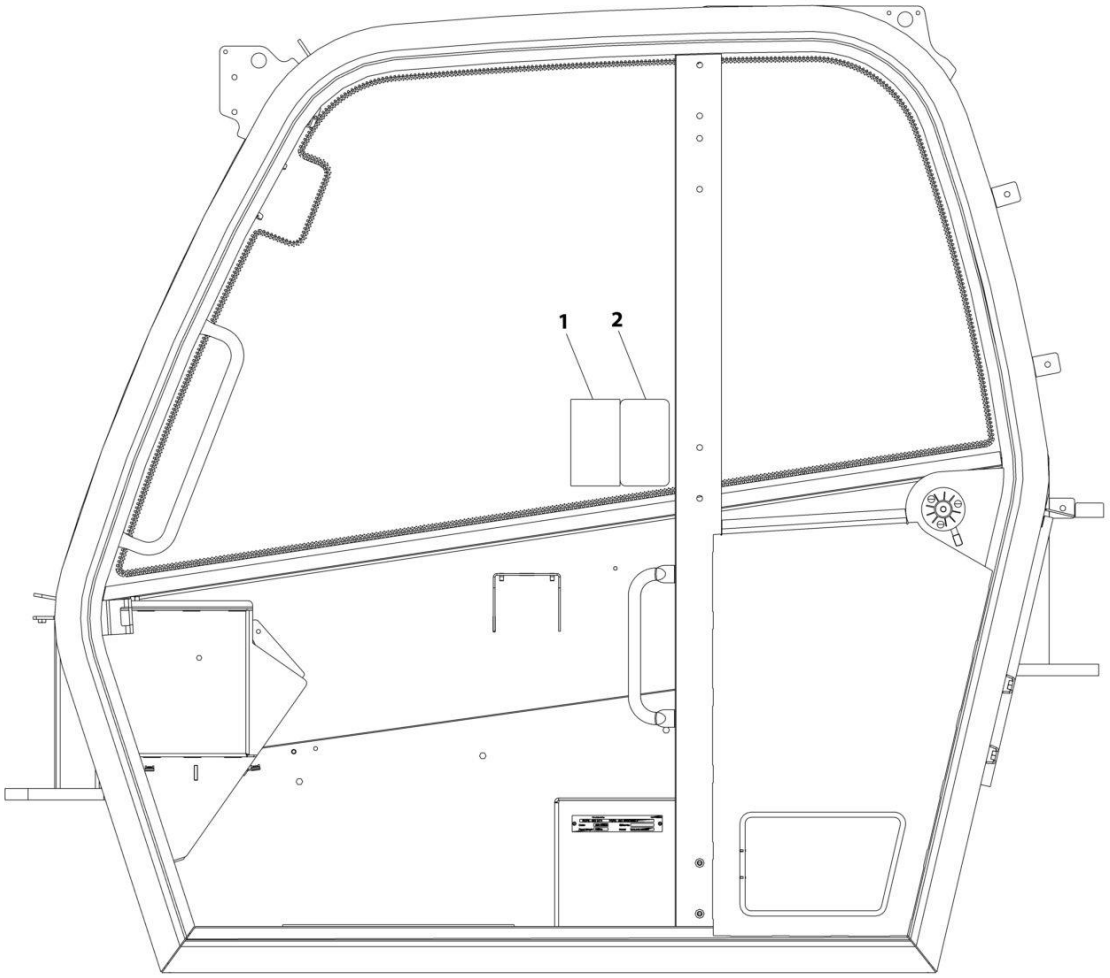



ART_1001145654-A

## FIGURE 11-5. JOYSTICK DECAL INSTALLATION, BUCKET (SN 1160007024 through 1160008269, Excluding 1160008192 and 1160008201)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145654 | Ref | Joystick Decal Installation, Bucket | A |
| 1 | 1001158303 | 1 | Decal, Loader Joystick | |
| 2 | 1001158309 | 1 | Decal, Joystick Stabilizers | |

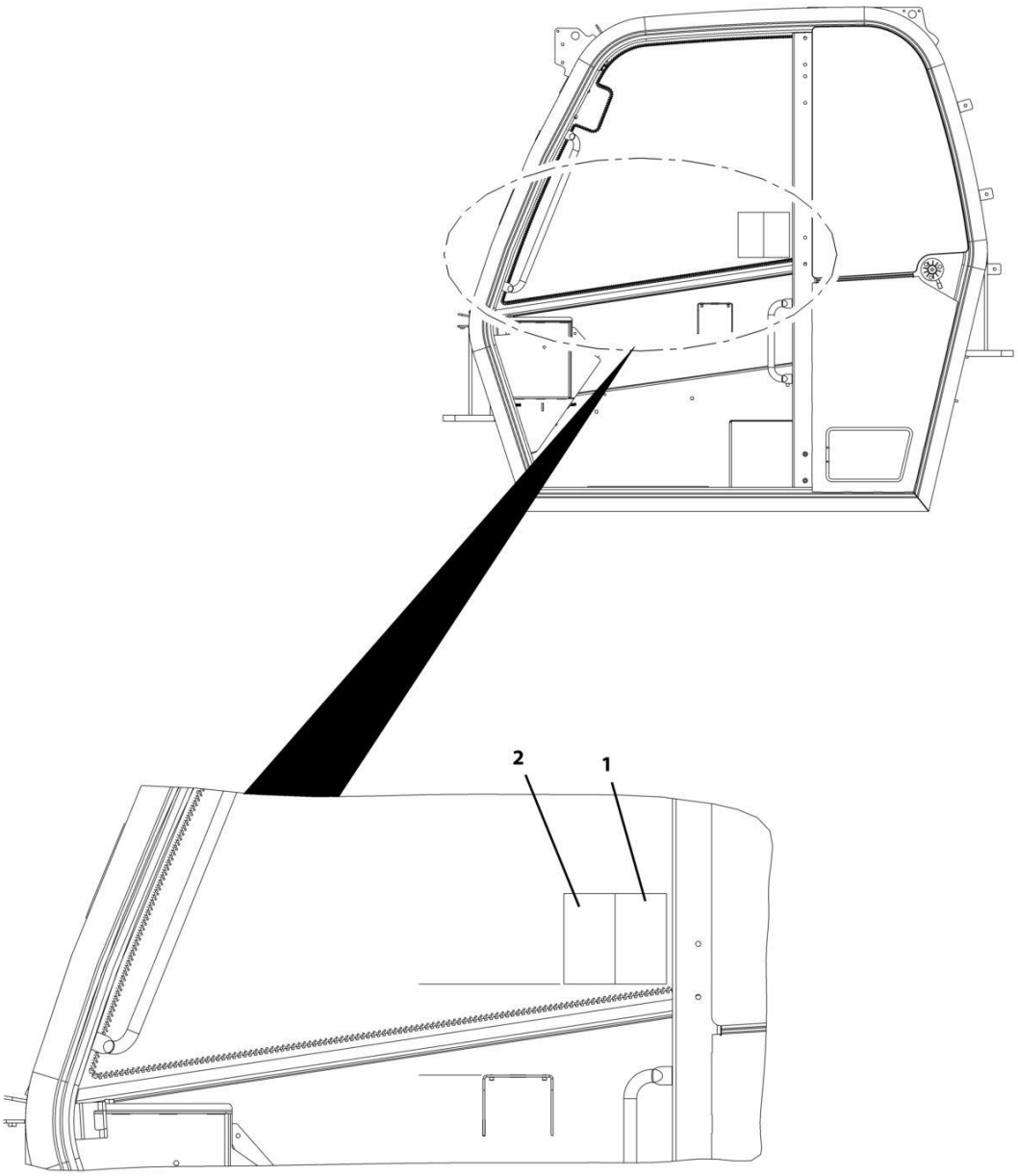
**FIGURE 11-6. JOYSTICK DECAL INSTALLATION, BUCKET (SN 1160008269 through 1160008790, Including 1160008192 and 1160008201)**



## FIGURE 11-6. JOYSTICK DECAL INSTALLATION, BUCKET (SN 1160008269 through 1160008790, Including 1160008192 and 1160008201)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001218296 | Ref | Joystick Decal Installation, Bucket | B |
| 1 | 1001158309 | 1 | Decal, Joystick Stabilizers | |
| 2 | 1001241951 | 1 | Decal, Loader Joystick | |

**FIGURE 11-7. JOYSTICK DECAL INSTALLATION, FORK (SN 1160007024 through 1160008269, Excluding 1160008192 and 1160008201)**

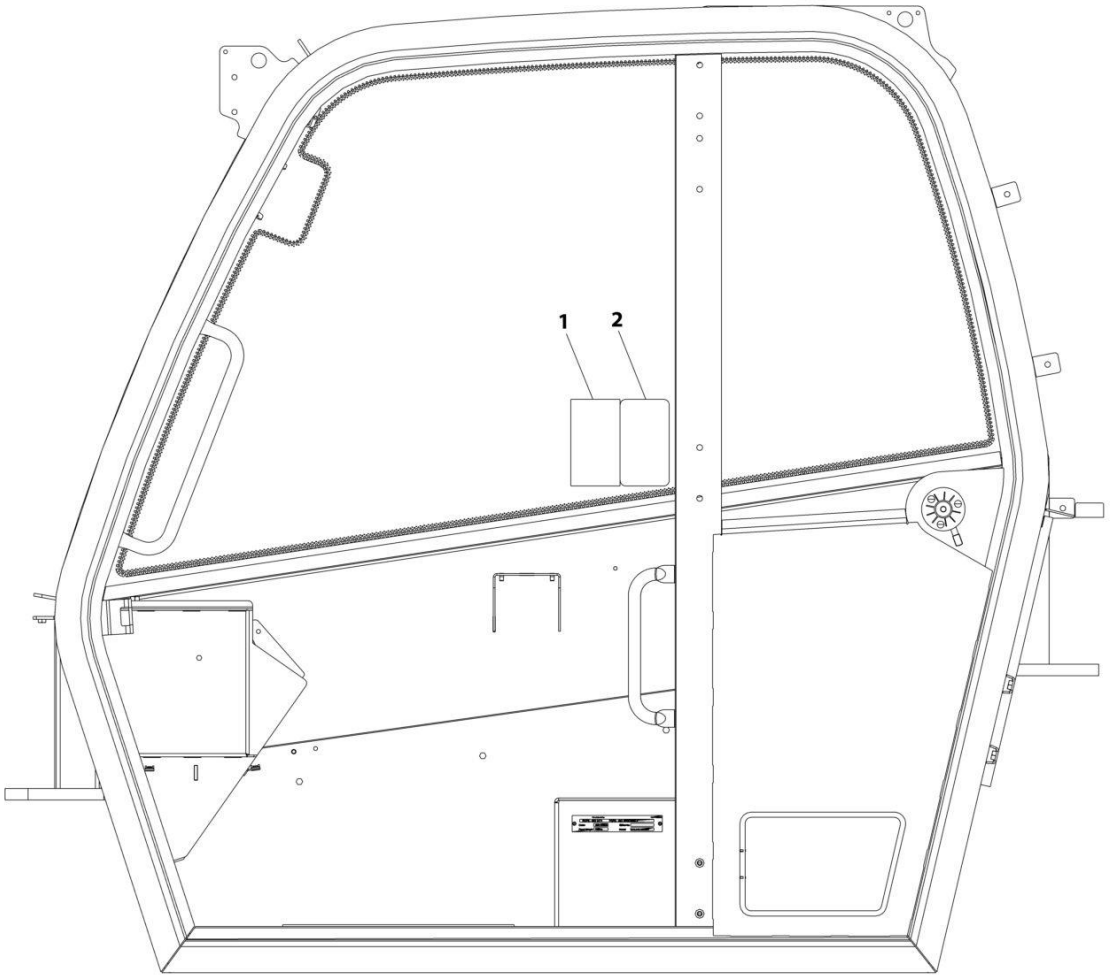



ART_1001145655-B

## FIGURE 11-7. JOYSTICK DECAL INSTALLATION, FORK (SN 1160007024 through 1160008269, Excluding 1160008192 and 1160008201)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145655 | Ref | Joystick Decal Installation, Fork | B |
| 1 | 1001158309 | 1 | Decal, Joystick Stabilizers | |
| 2 | 1001172172 | 1 | Decal, Joystick | |

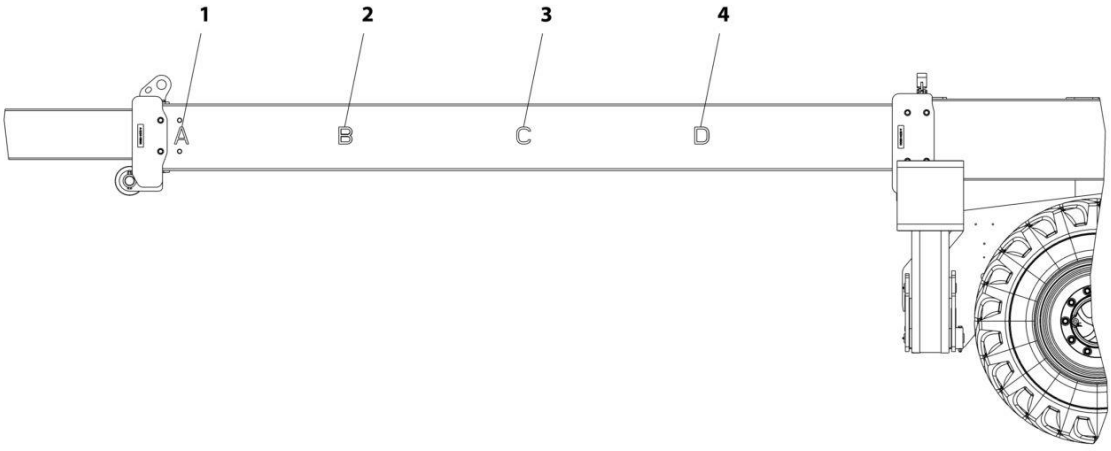
**FIGURE 11-8. JOYSTICK DECAL INSTALLATION, FORK (SN 1160008269 through 1160008790, Including 1160008192 and 1160008201)**



## FIGURE 11-8. JOYSTICK DECAL INSTALLATION, FORK (SN 1160008269 through 1160008790, Including 1160008192 and 1160008201)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001218295 | Ref | Joystick Decal Installation, Fork | B |
| 1 | 1001158309 | 1 | Decal, Joystick Stabilizers | |
| 2 | 1001241952 | 1 | Decal, Joystick | |

## FIGURE 11-9. BOOM DECAL INSTALLATION

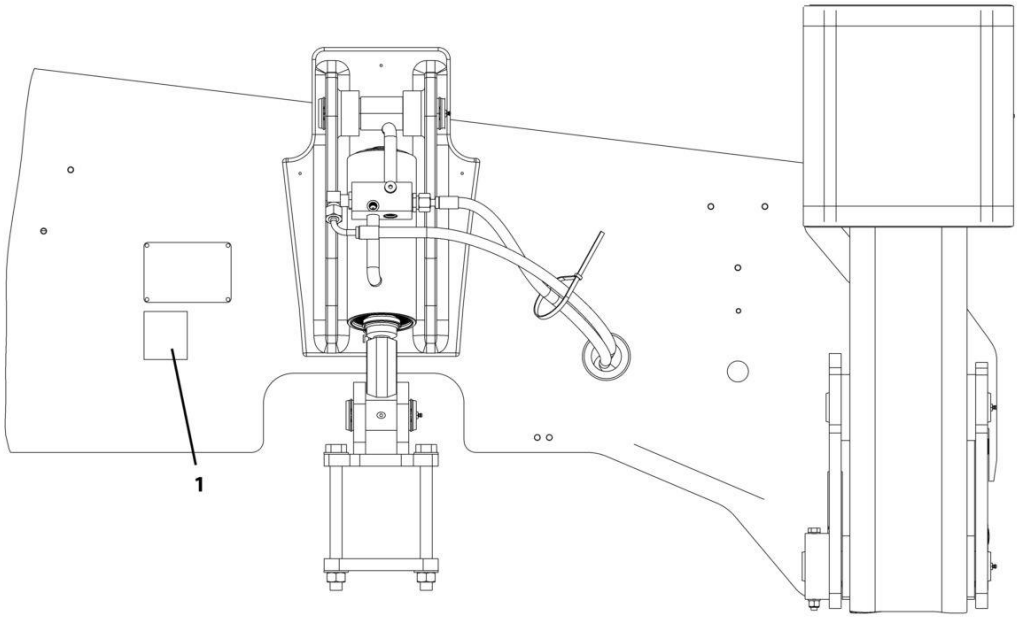



ART_1001171798-A

## FIGURE 11-9. BOOM DECAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171798 | Ref | Boom Decal Installation | A |
| 1 | 1706753 | 1 | Decal, A | |
| 2 | 1706754 | 1 | Decal, B | |
| 3 | 1706755 | 1 | Decal, C | |
| 4 | 1706756 | 1 | Decal, D | |

## FIGURE 11-10. DECAL INSTALLATION, RUSSIA

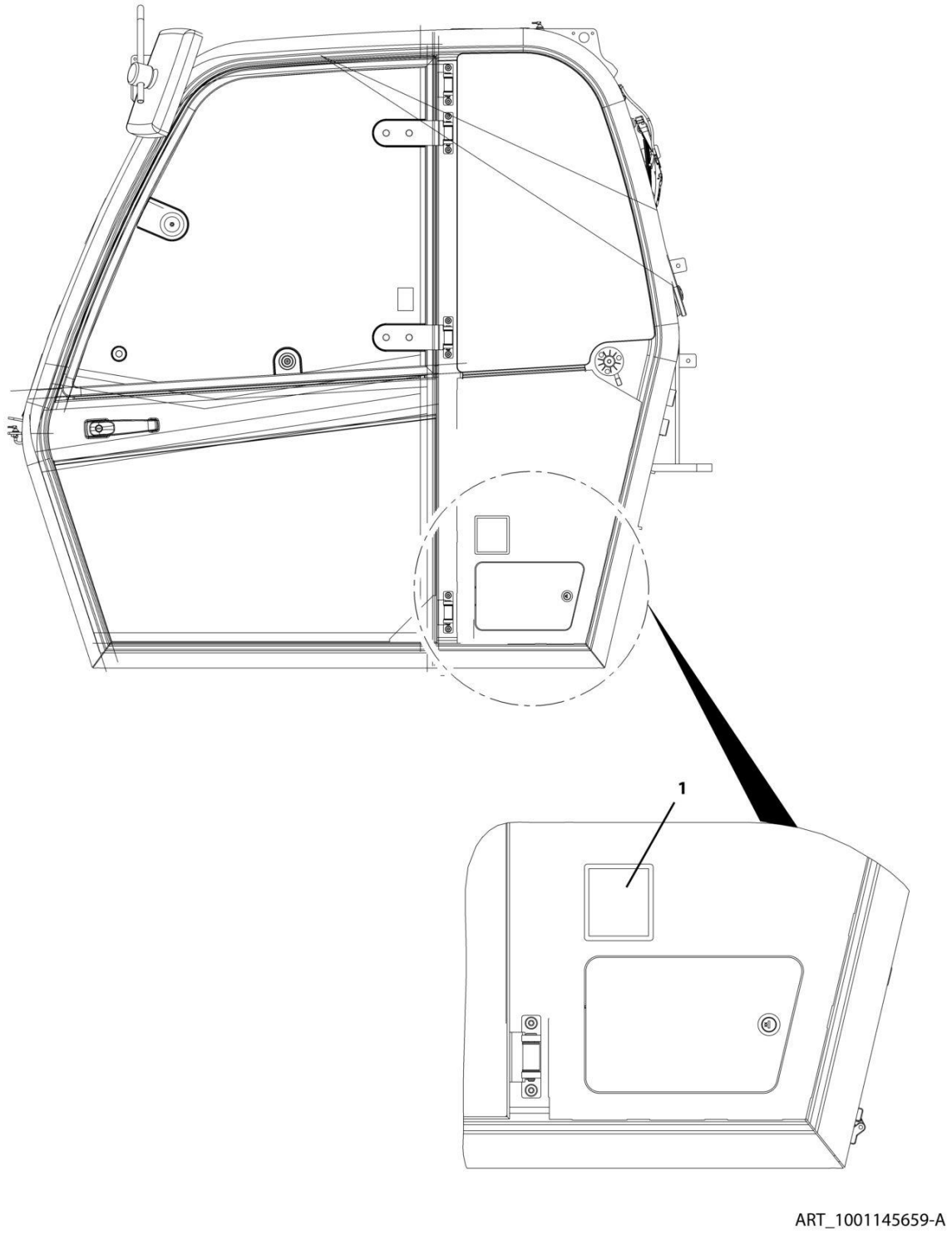



ART_1001145656-A

## FIGURE 11-10. DECAL INSTALLATION, RUSSIA

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145656 | Ref | Decal installation, Russia | A |
| 1 | 1001121555 | 1 | Decal, PCT Russia | |

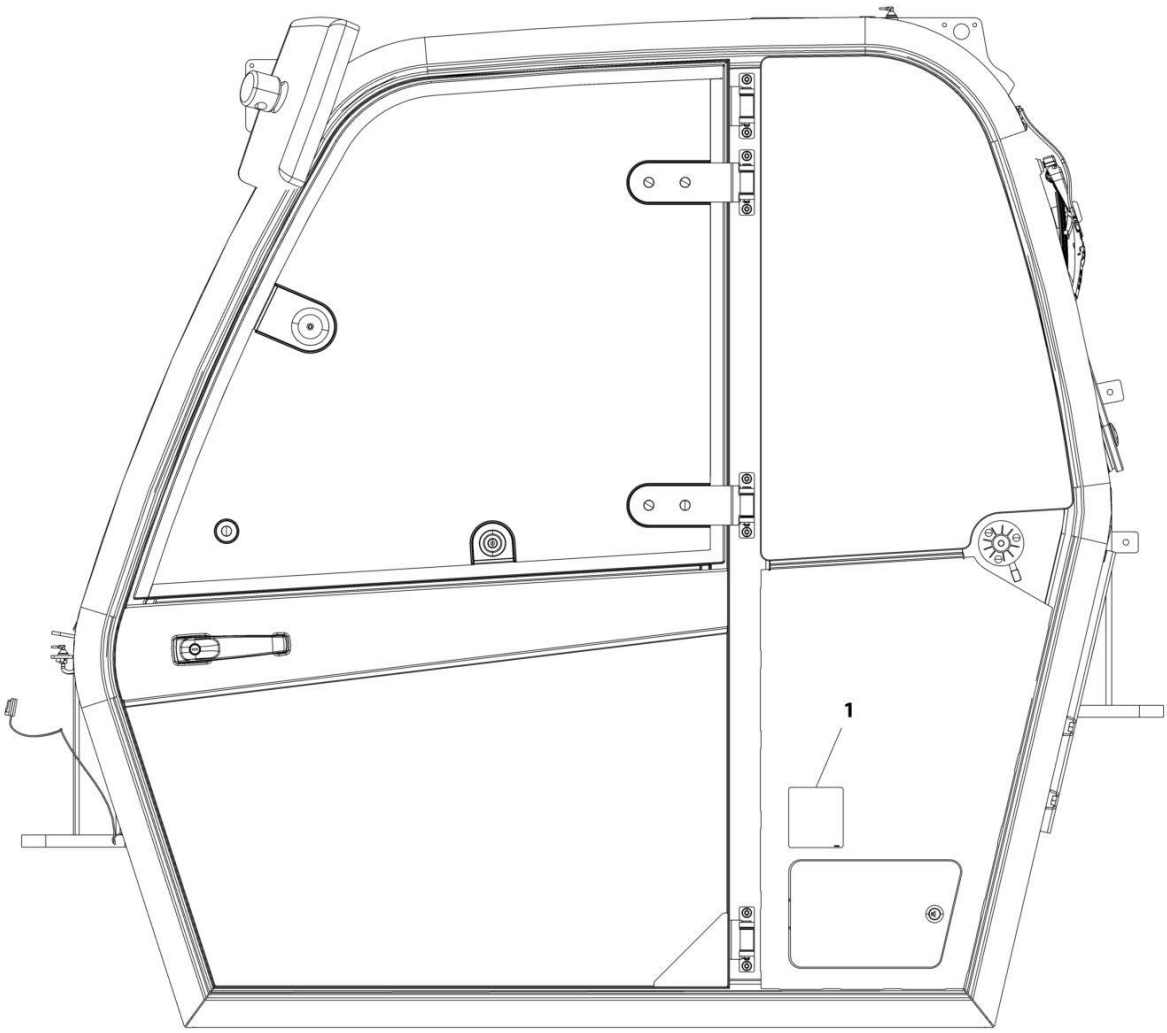
**FIGURE 11-11. SOUND PLATE INSTALLATION, 74KW (106DB)**



## FIGURE 11-11. SOUND PLATE INSTALLATION, 74KW (106DB)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145659 | Ref | Sound Plate Installation, 74KW (106dB) | A |
| 1 | 1705980 | 1 | Decal, Acoustic Power 106db | |

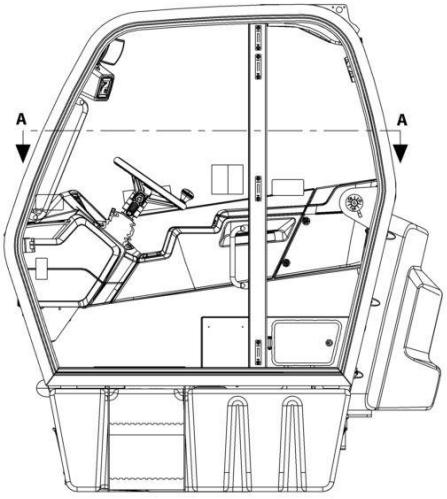
## FIGURE 11-12. SOUND PLATE INSTALLATION, 55KW (104DB)

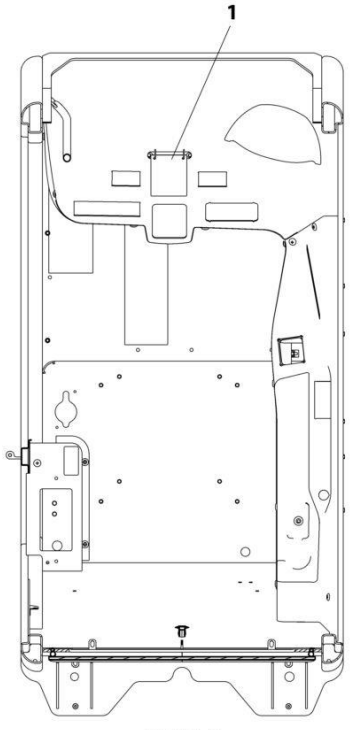


## FIGURE 11-12. SOUND PLATE INSTALLATION, 55KW (104DB)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001191880 | Ref | Sound Plate Installation, 55KW (104dB) | A |
| 1 | 8007508 | 1 | Decal, Acoustic Power 104dB | |

## FIGURE 11-13. LOAD CHART, 3614RS



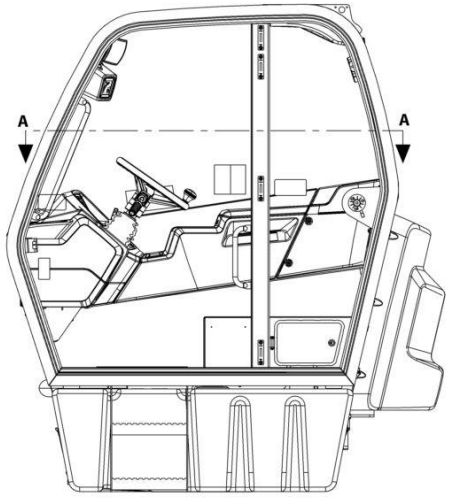

VIEW A-A

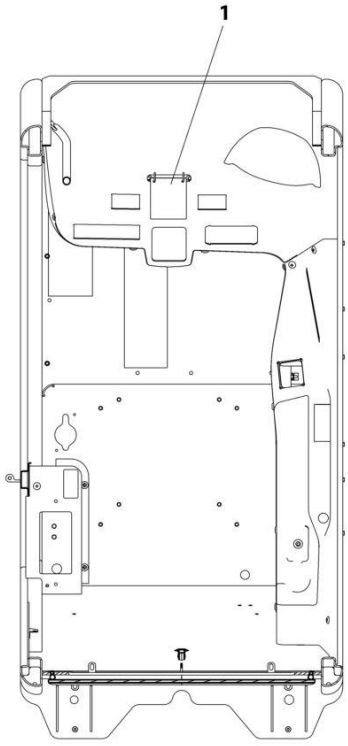
ART_1001160227-D

## FIGURE 11-13. LOAD CHART, 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001160227 | 1 | Load Chart, 3614RS | B |
| 101 | 1001183289 | 1 | Chart, Load Standard Carriage with Lift Lug - 3614RS (not shown) | |
| 102 | 1001183290 | 1 | Chart, Load Standard Carriage with Lift Lug (Outriggers) - 3614RS (not shown) | |
| 103 | 1001185116 | 1 | Chart, 4T Fork and Hook Standard Carriage with Lift Lug (Traveling) - 3614RS (not shown) | |
| 202 | 1001179679 | 1 | Chart, Load Manitou Carriage - 3614RS (not shown) | |
| 203 | 1001179680 | 1 | Chart, Load Manitou Carriage (Outriggers) - 3614RS (not shown) | |
| 301 | 1001180963 | 1 | Chart, Load Metric Fork Hook - 3614RS (not shown) | |
| 302 | 1001180964 | 1 | Chart, Load Metric Fork Hook (Outriggers) - 3614RS (not shown) | |
| 403 | 1001179683 | 1 | Chart, Load Metric JCB Coupler - 3614RS (not shown) | |
| 404 | 1001179684 | 1 | Chart, Load Metric JCB Coupler (Outriggers) - 3614RS (not shown) | |
| 503 | 1001201187 | 1 | Chart, Load Metric Side Shift - 3614RS (not shown) | |
| 504 | 1001201188 | 1 | Chart, Load Metric Side Shift Stab (Outriggers) - 3614RS (not shown) | |
| 602 | 1001175218 | 1 | Chart, Load Metric Fork Positioning - 3614RS (not shown) | |
| 603 | 1001175219 | 1 | Chart, Load Metric Fork Positioning Stab - 3614RS (not shown) | |
| 701 | 1001225859 | 1 | Chart, Load Metric Truss Boom (4000KG) - 3614RS (not shown) | |
| 702 | 1001225860 | 1 | Chart, Load Metric Truss Boom Stab (4000KG) - 3614RS (not shown) | |

## FIGURE 11-14. LOAD CHART, 4017RS



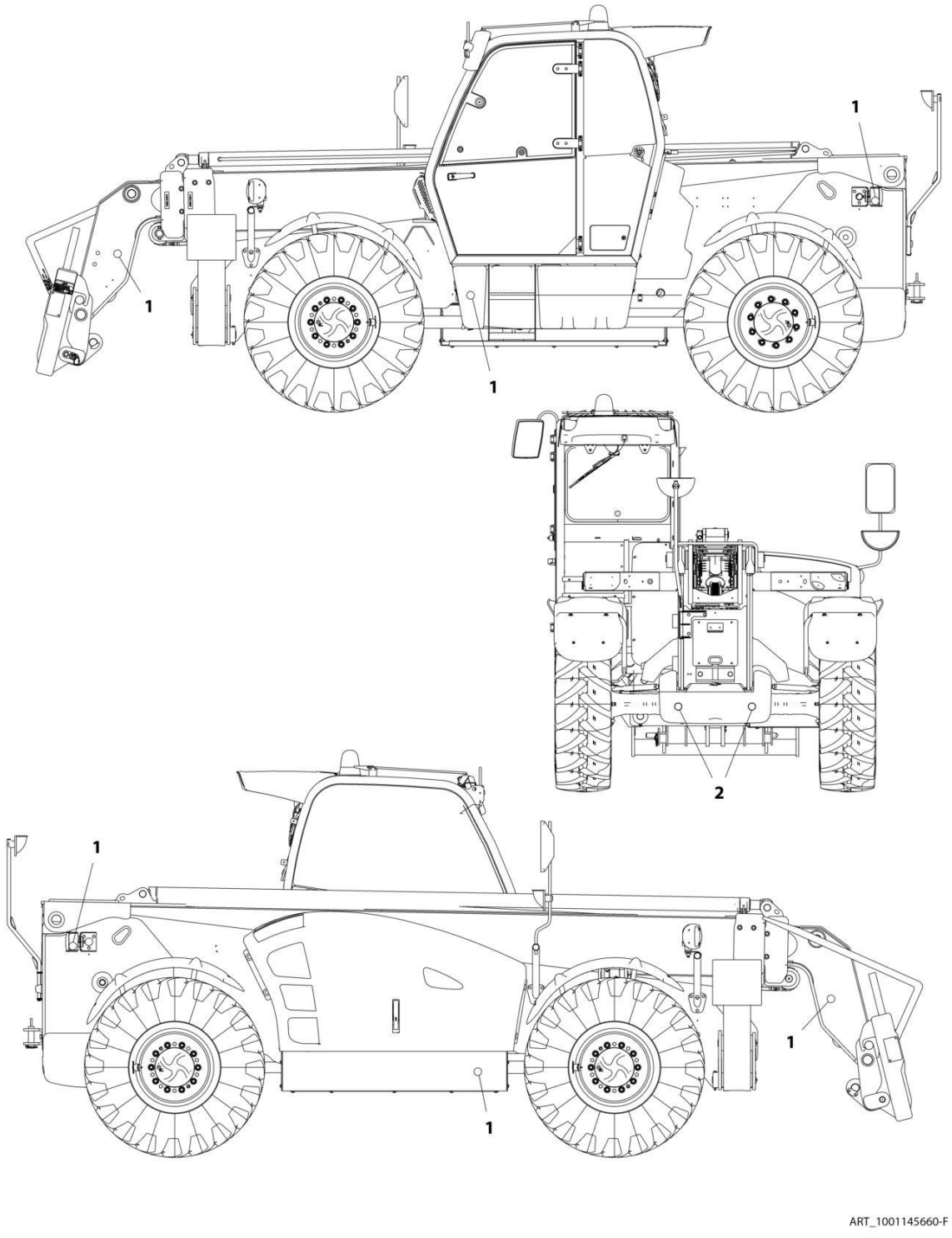

VIEW A-A

ART_1001163802-E

## FIGURE 11-14. LOAD CHART, 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| 1 | 1001163802 | 1 | Load Chart, 4017RS | B |
| 101 | 1001183291 | 1 | Chart, Load Standard Carriage with Lift Lug - 4017RS (not shown) | |
| 102 | 1001183292 | 1 | Chart, Load Standard Carriage with Lift Lug - 3614RS (not shown) | |
| 103 | 1001185116 | 1 | Chart, 4T Fork and Hook Standard Carriage with Lift Lug (Traveling) - 4017RS (not shown) | |
| 202 | 1001179681 | 1 | Chart, Load Manitou Carriage - 4017RS (not shown) | |
| 203 | 1001179682 | 1 | Chart, Load Manitou Carriage (Outriggers) - 4017RS (not shown) | |
| 301 | 1001180965 | 1 | Chart, Load Metric Fork Hook - 4017RS (not shown) | |
| 302 | 1001180966 | 1 | Chart, Load Metric Fork Hook (Outriggers) - 4017RS (not shown) | |
| 403 | 1001179685 | 1 | Chart, Load Metric JCB Coupler 4017RS (not shown) | |
| 404 | 1001179686 | 1 | Chart, Load Metric JCB Coupler (Outriggers) - 4017RS (not shown) | |
| 503 | 1001201190 | 1 | Chart, Load Metric Side Shift - 4017RS (not shown) | |
| 504 | 1001201191 | 1 | Chart, Load Metric Side Shift Stab (Outriggers) - 4017RS (not shown) | |
| 602 | 1001175220 | 1 | Chart, Load Metric Fork Positioning - 4017RS (not shown) | |
| 603 | 1001175221 | 1 | Chart, Load Metric Fork Positioning Stab - 4017RS (not shown) | |
| 701 | 1001225861 | 1 | Chart, Load Metric Truss Boom (4000KG) - 4017RS (not shown) | |
| 702 | 1001225862 | 1 | Chart, Load Metric Truss Boom Stab (4000KG) - 4017RS (not shown) | |

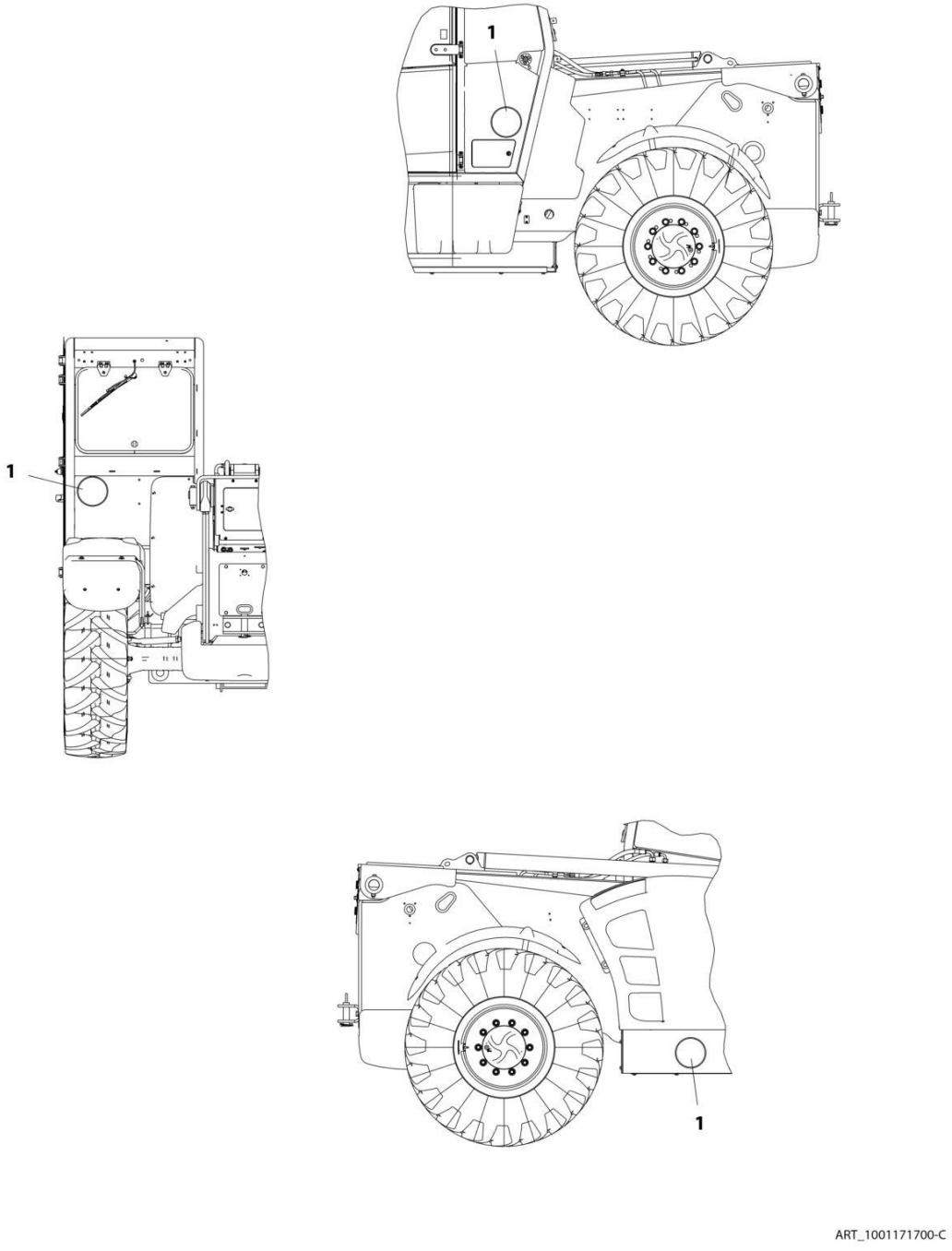
## FIGURE 11-15. REFLECTOR INSTALLATION



## FIGURE 11-15. REFLECTOR INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145660 | Ref | Reflector Installation | F |
| 1 | 3700016 | 6 | Reflector, Rear | |
| 2 | 3700015 | 2 | Reflector, Rear | |

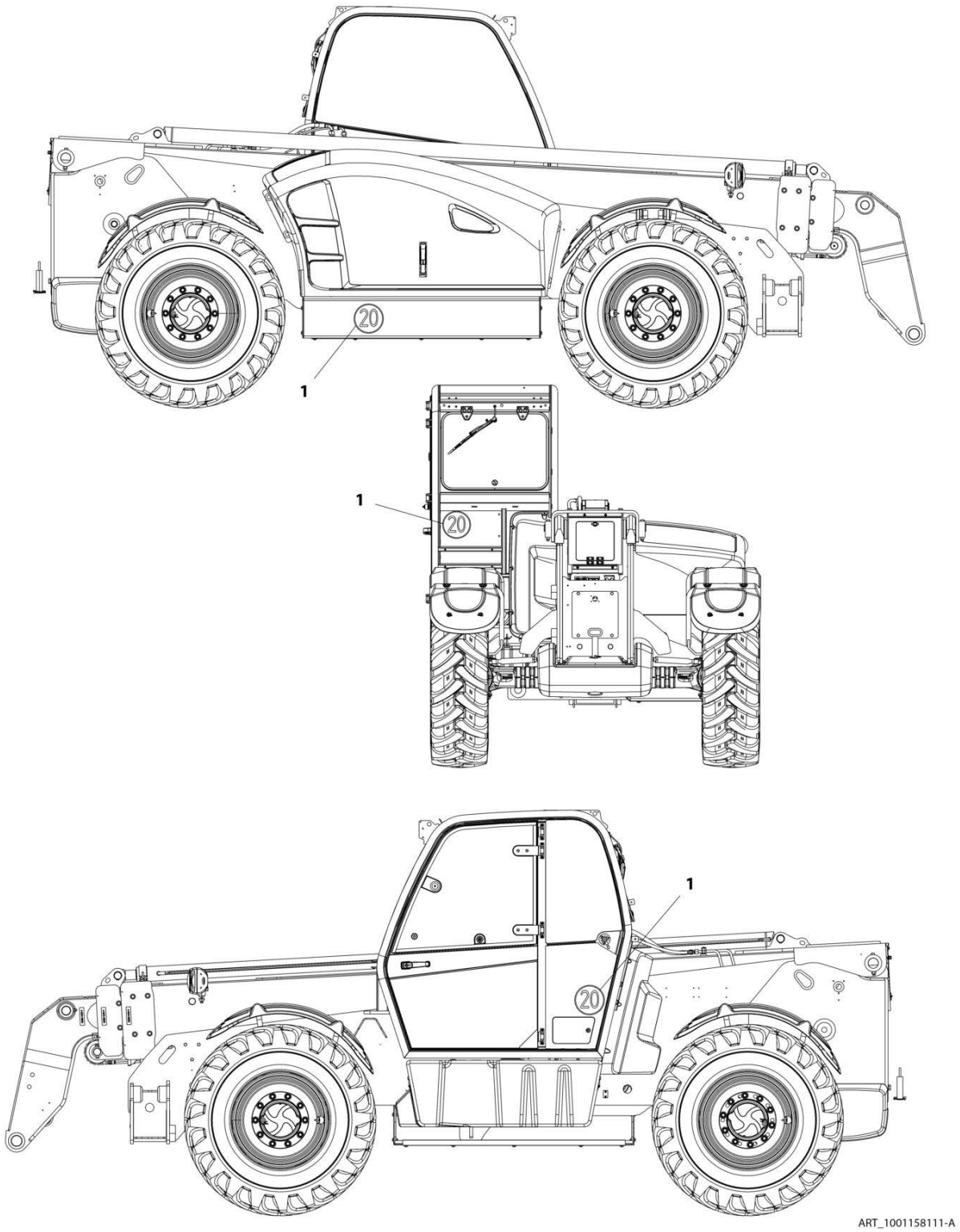
## FIGURE 11-16. 25KPH SPEED DECAL INSTALLATION



## FIGURE 11-16. 25KPH SPEED DECAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171700 | Ref | 25KPH Decals Installation (France) | C |
| 1 | 1001153442 | 3 | Decal, 25KPH | |

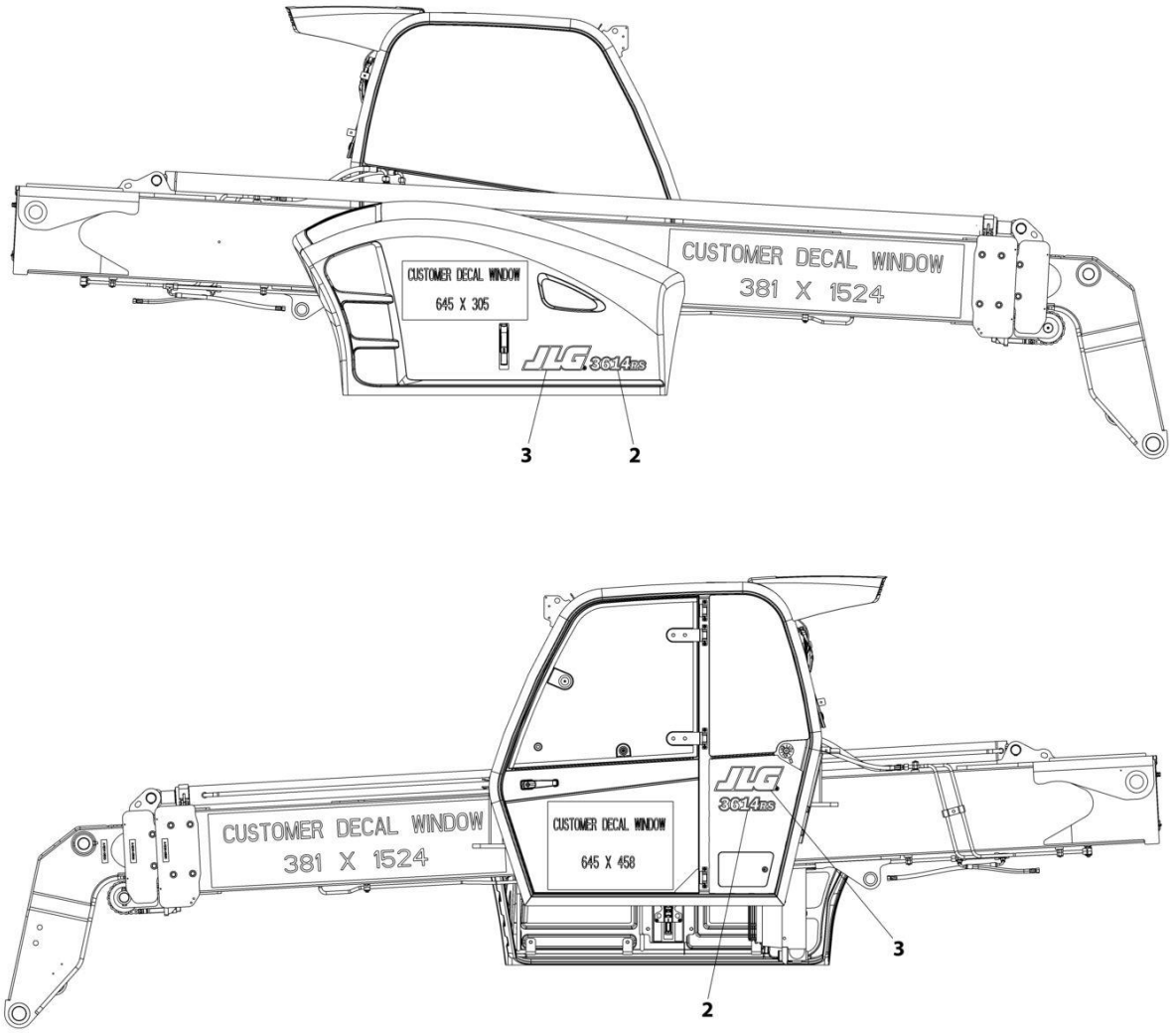
## FIGURE 11-17. 20KPH SPEED DECAL INSTALLATION - 3614RS (GERMANY)

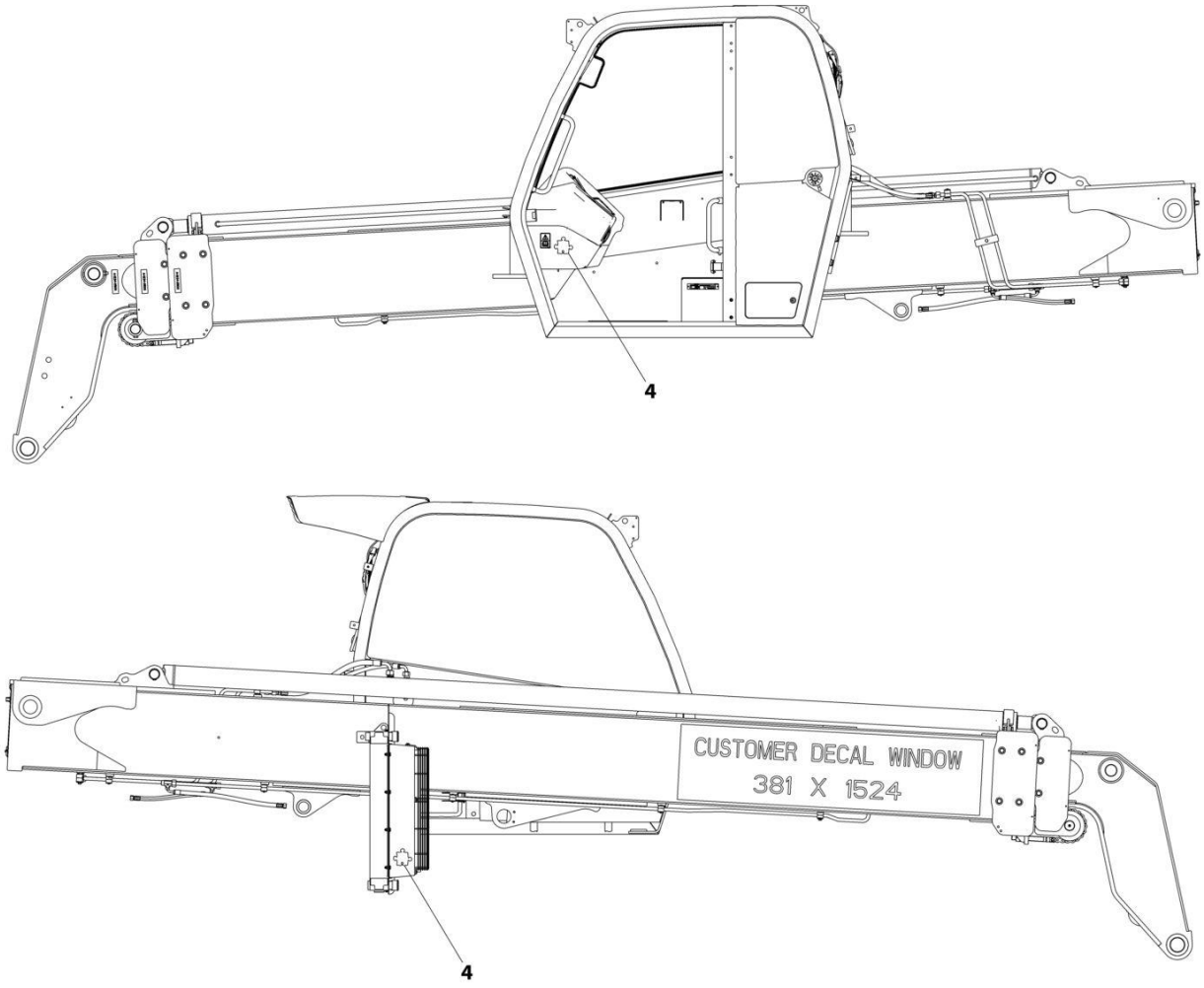


## FIGURE 11-17. 20KPH SPEED DECAL INSTALLATION - 3614RS (GERMANY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158111 | Ref | 20KPH Decals Installation - 3614RS (Germany, if equipped) | A |
| 1 | 2603207 | 1 | Decal, 20KPH | |

## FIGURE 11-18. JLG DECAL INSTALLATION - 3614RS



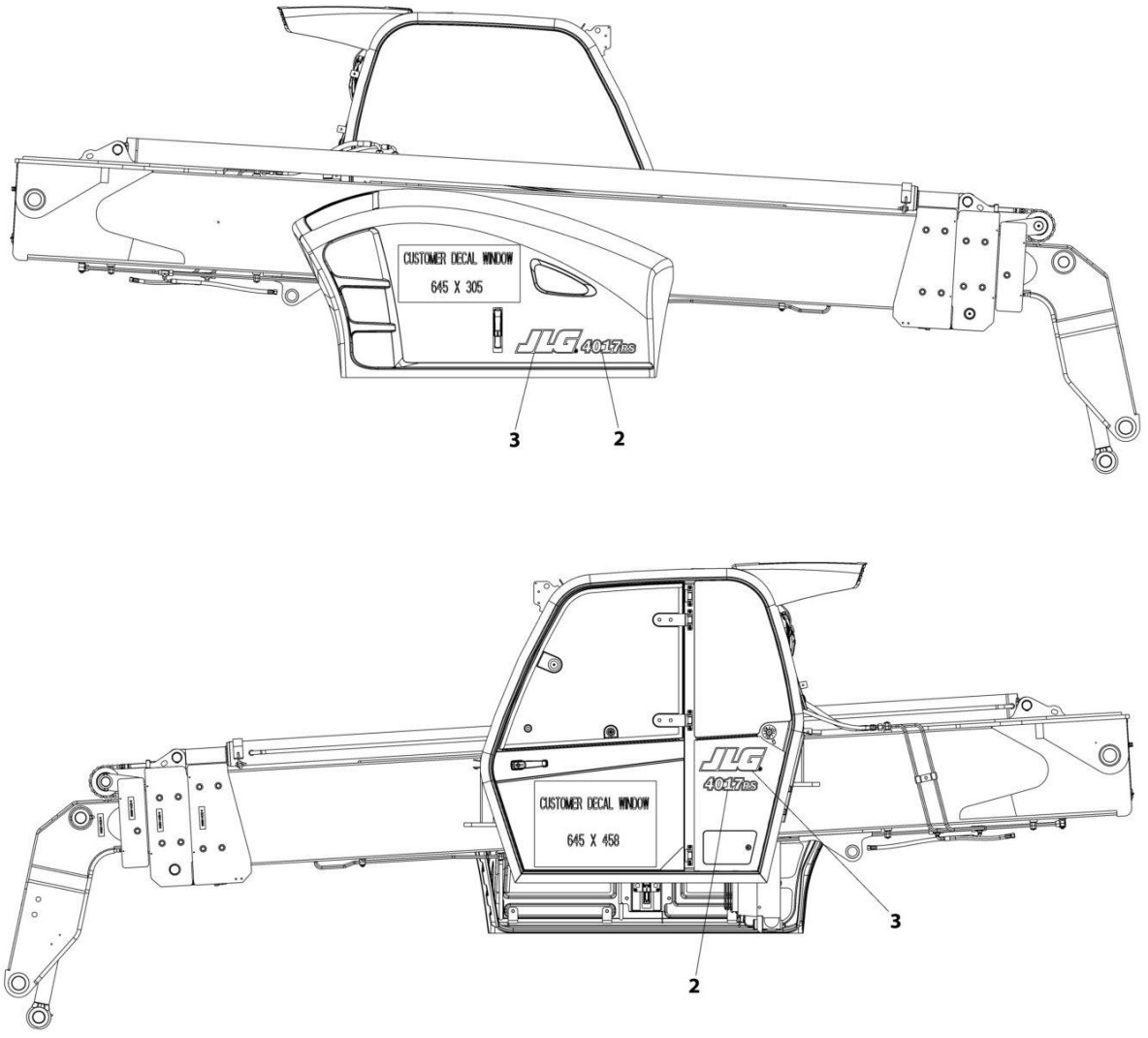


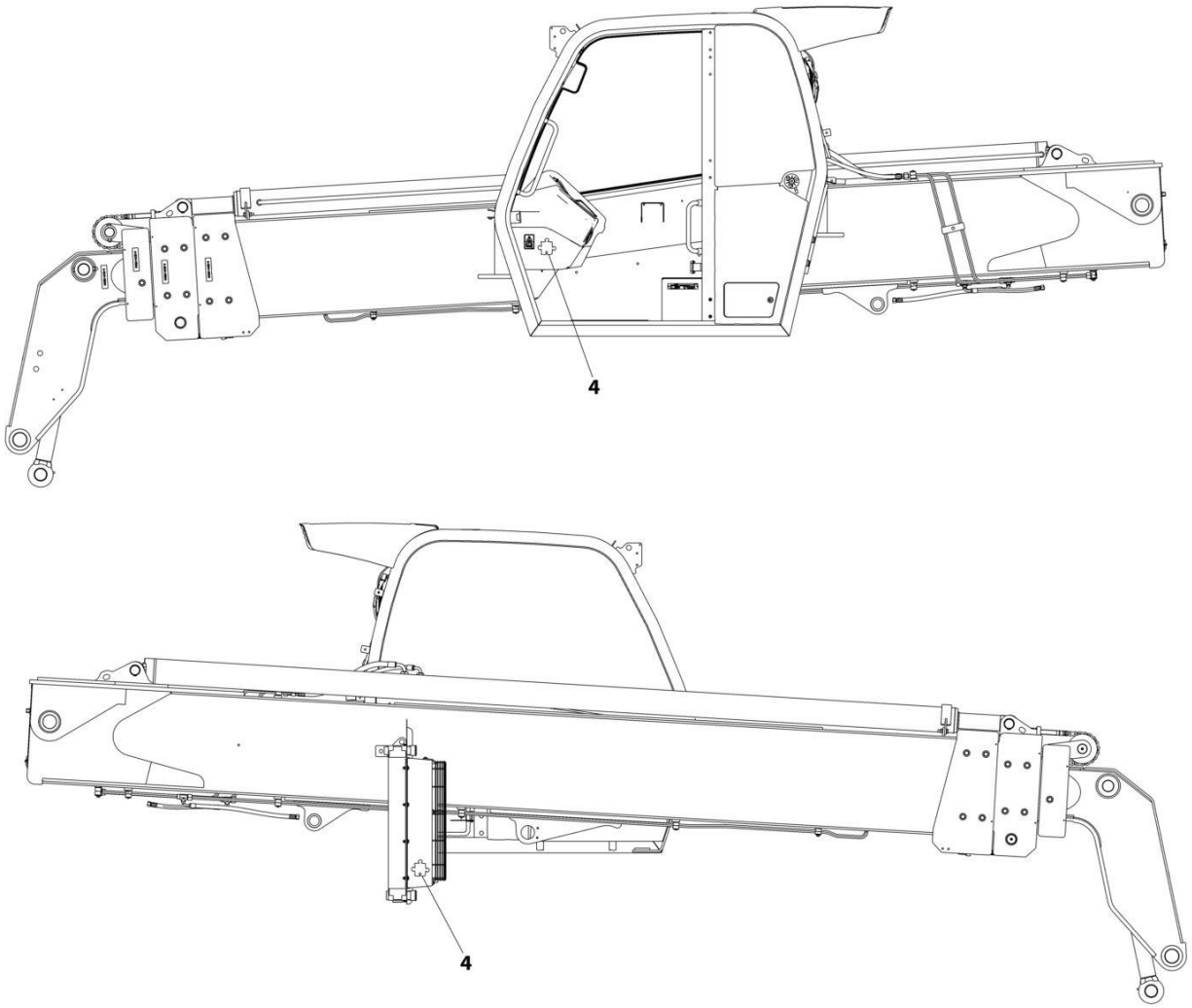

ART_1001160051_2-D

## FIGURE 11-18. JLG DECAL INSTALLATION - 3614RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160051 | Ref | JLG Decal Installation - 3614RS | C |
| 2 | 1001159729 | 2 | Decal, JLG 3614RS | |
| 3 | 1001160775 | 2 | Decal, JLG | |
| 4 | 1001165280 | 2 | Decal, Ground Support | |

## FIGURE 11-19. JLG DECAL INSTALLATION - 4017RS



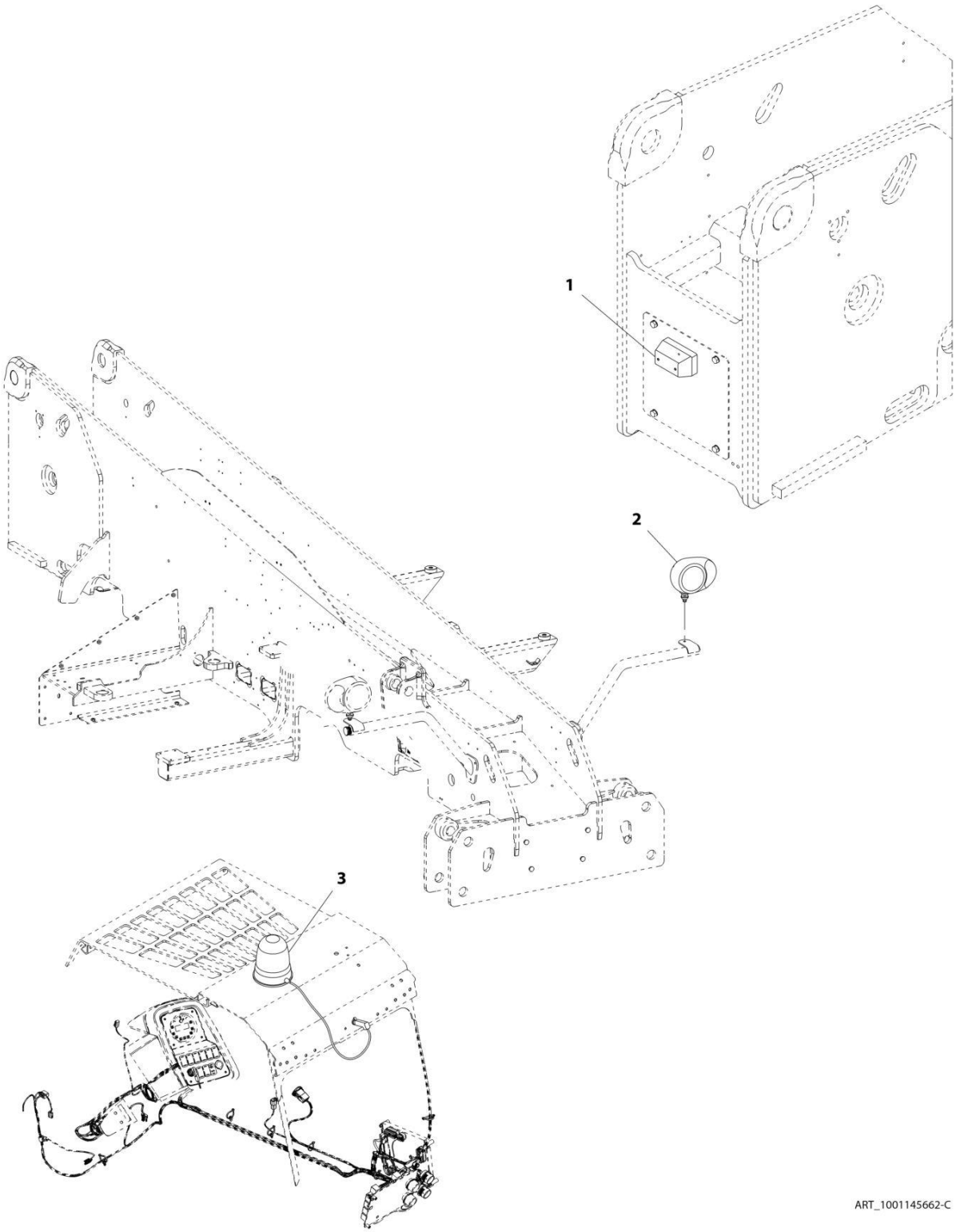



ART_1001160052_2-D

## FIGURE 11-19. JLG DECAL INSTALLATION - 4017RS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001160052 | Ref | JLG Decal Installation - 4017RS | C |
| 2 | 1001160049 | 2 | Decal, JLG 4017RS | |
| 3 | 1001160775 | 2 | Decal, JLG | |
| 4 | 1001165280 | 2 | Decal, Ground Support | |

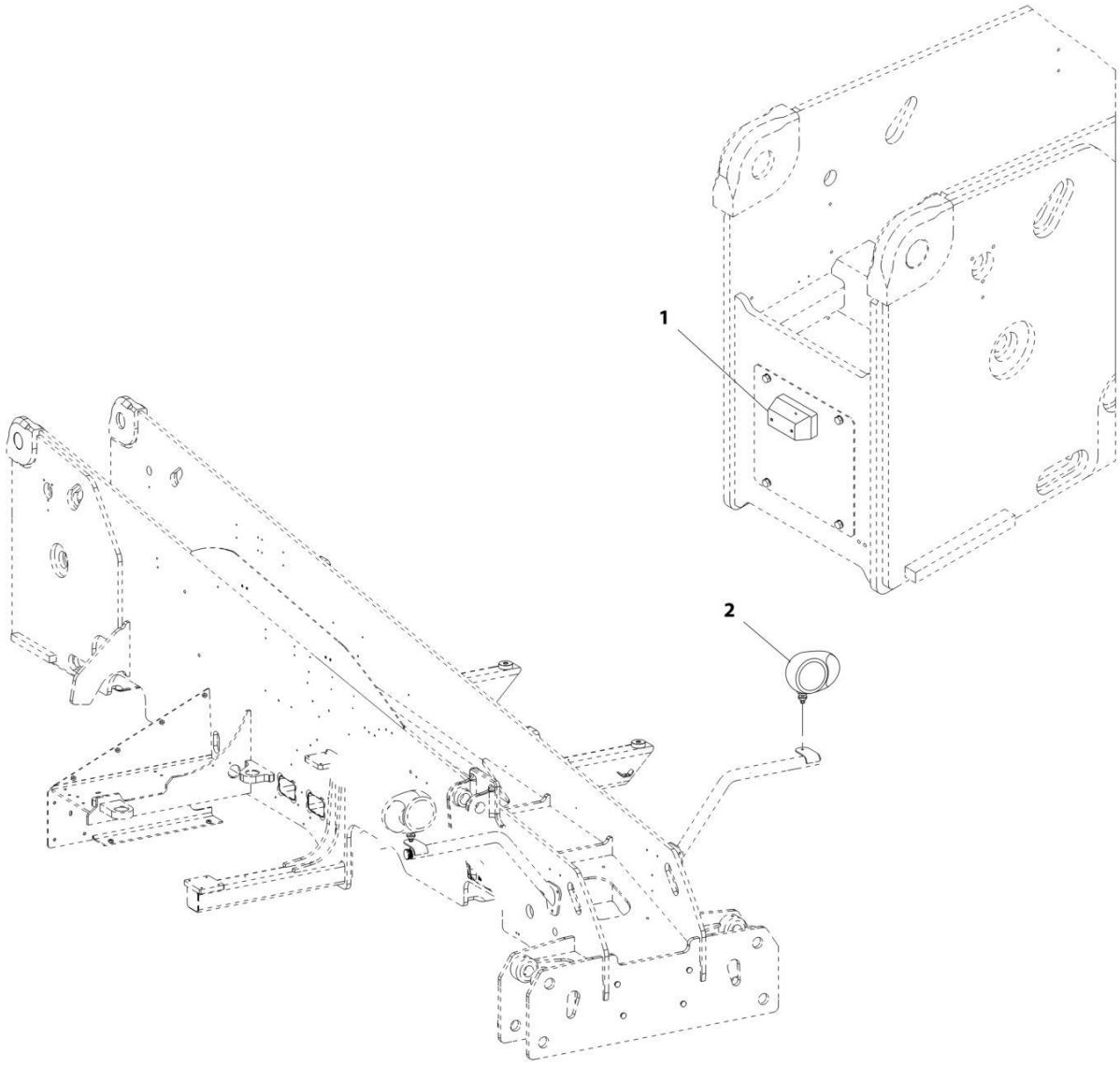
## FIGURE 11-20. CONSTRUCTION INSTALLATION (UK/IRELAND)



## FIGURE 11-20. CONSTRUCTION INSTALLATION (UK/IRELAND)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145662 | Ref | Construction Installation (UK/Ireland) | C |
| 1 | 1001143959 | Ref | License Plate Installation (See FRAME AND ATTACHING PARTS SECTION for Breakdown) | C |
| 2 | 1001144110 | Ref | Driving Lights Installation (See ELECTRICAL SECTION for Breakdown) | E |
| 3 | 1001146674 | Ref | Beacon Installation (See ELECTRICAL SECTION for Breakdown) | B |

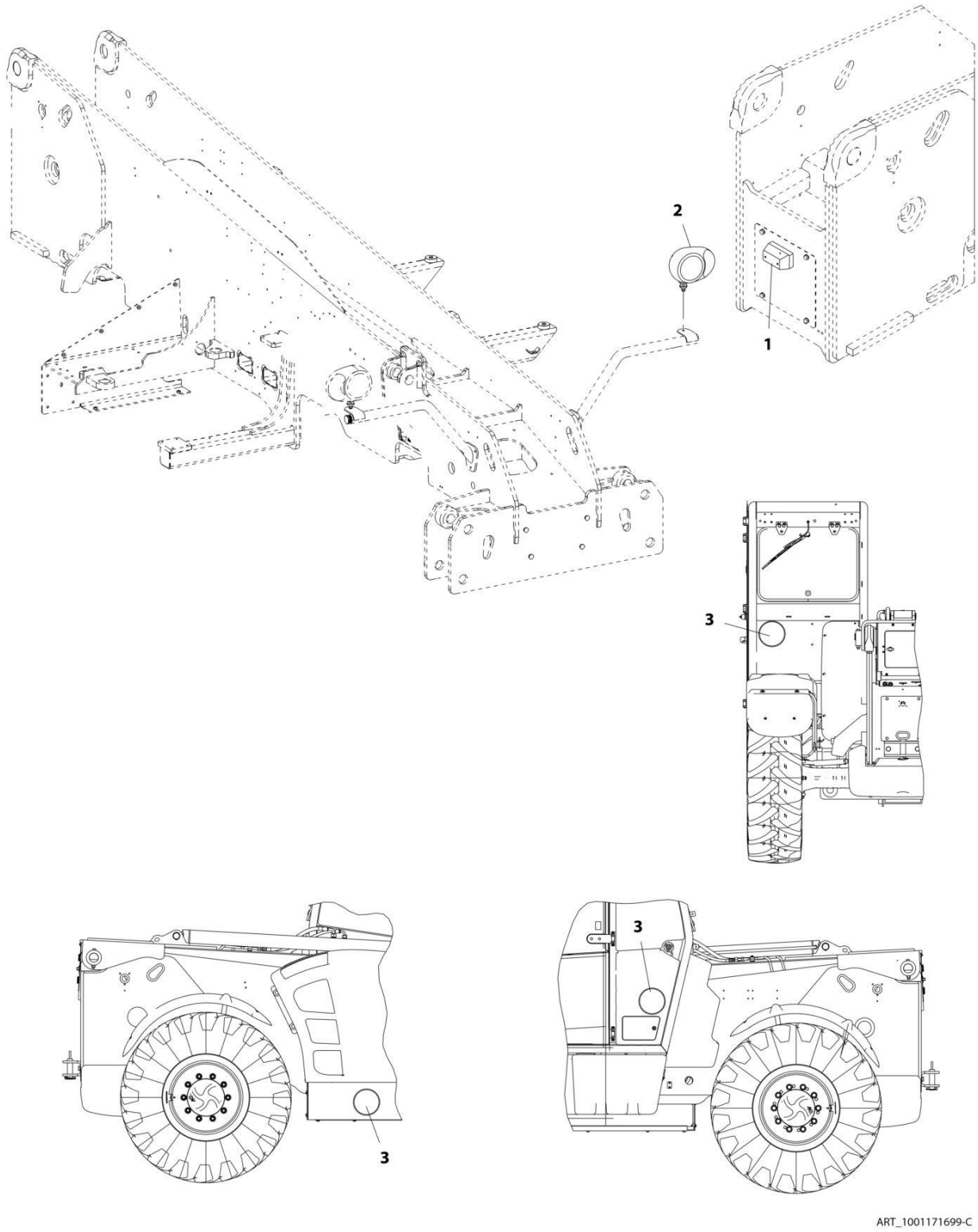
## FIGURE 11-21. CONSTRUCTION INSTALLATION (CE)



## FIGURE 11-21. CONSTRUCTION INSTALLATION (CE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001145663 | Ref | Construction Installation (CE) | C |
| 1 | 1001143959 | Ref | License Plate Installation (See FRAME AND ATTACHING PARTS SECTION for Breakdown) | C |
| 2 | 1001146491 | Ref | Driving Lights Installation (See ELECTRICAL SECTION for Breakdown) | E |

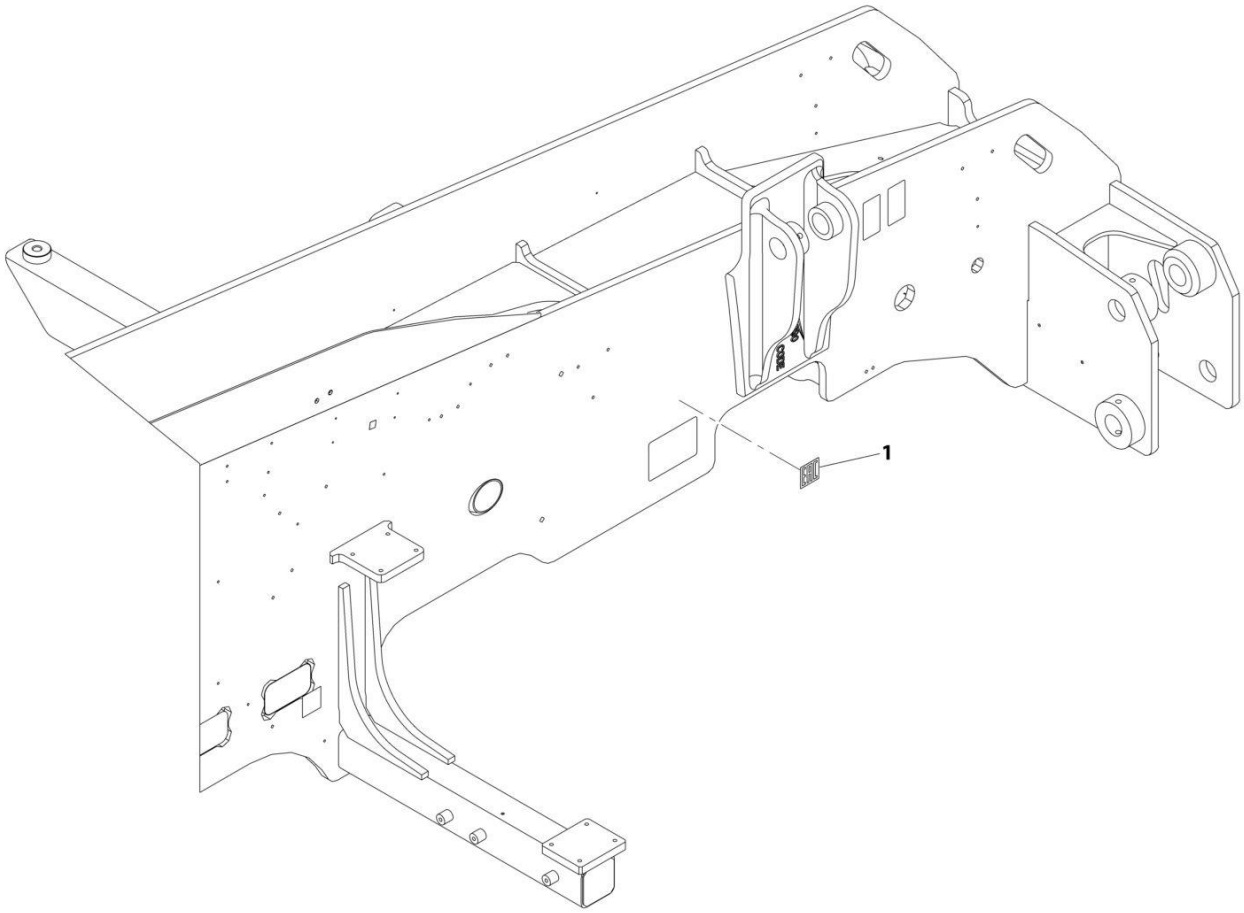
## FIGURE 11-22. CONSTRUCTION INSTALLATION (FRANCE)



## FIGURE 11-22. CONSTRUCTION INSTALLATION (FRANCE)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001171699 | Ref | Construction Installation (France) | C |
| 1 | 1001146491 | Ref | Driving Lights Installation (See ELECTRICAL SECTION for Breakdown) | E |
| 2 | 1001143959 | Ref | License Plate Installation (See FRAME AND ATTACHING PARTS SECTION for Breakdown) | C |
| 3 | 1001171700 | Ref | 25KPH Speed Decal Installation (See 25KPH SPEED DECAL INSTALLATION for Breakdown) | C |

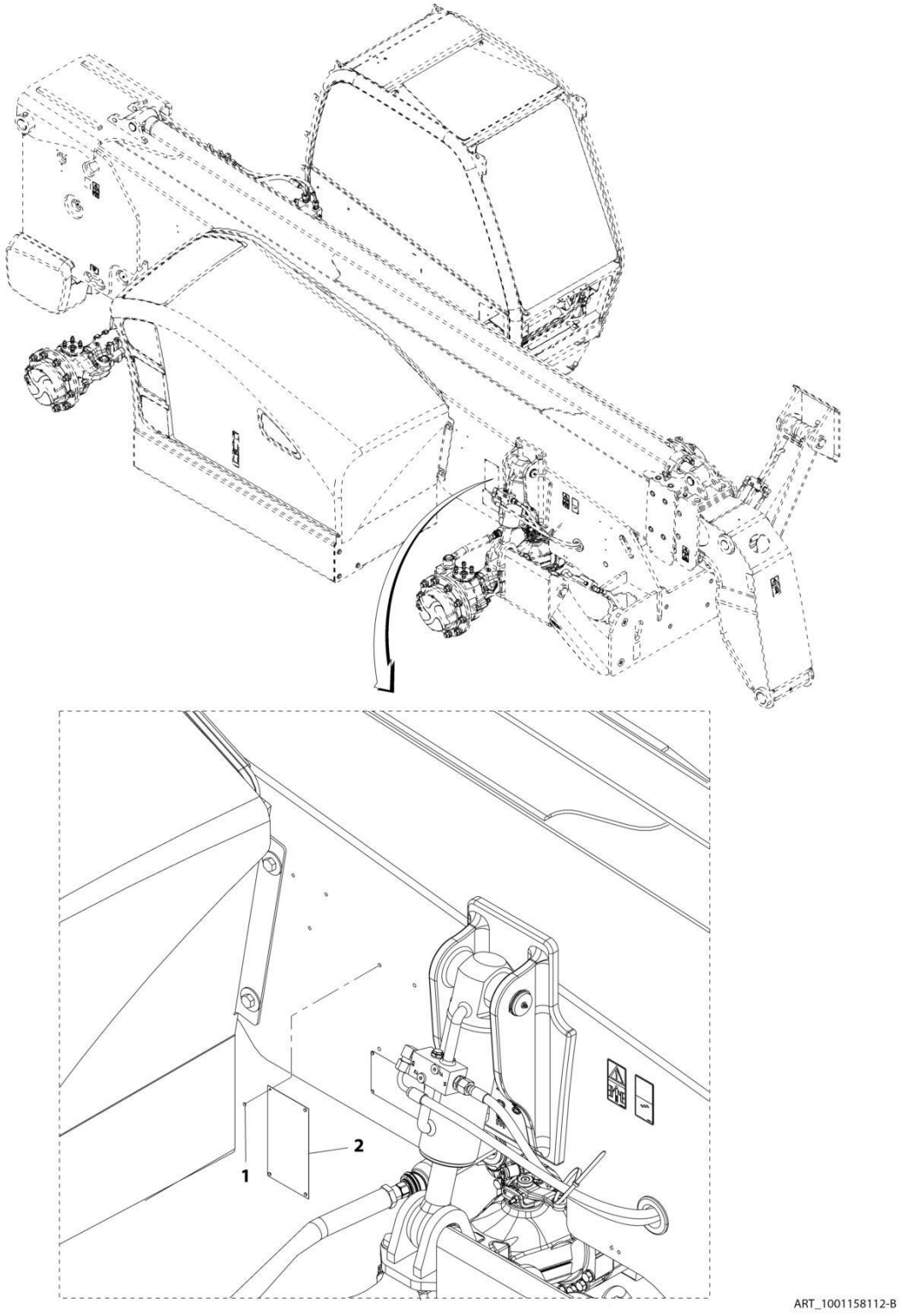
## FIGURE 11-23. EAC DECAL INSTALLATION



## FIGURE 11-23. EAC DECAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001173936 | Ref | EAC Decal Installation | A |
| 1 | 1001173703 | 1 | Decal, EAC | |

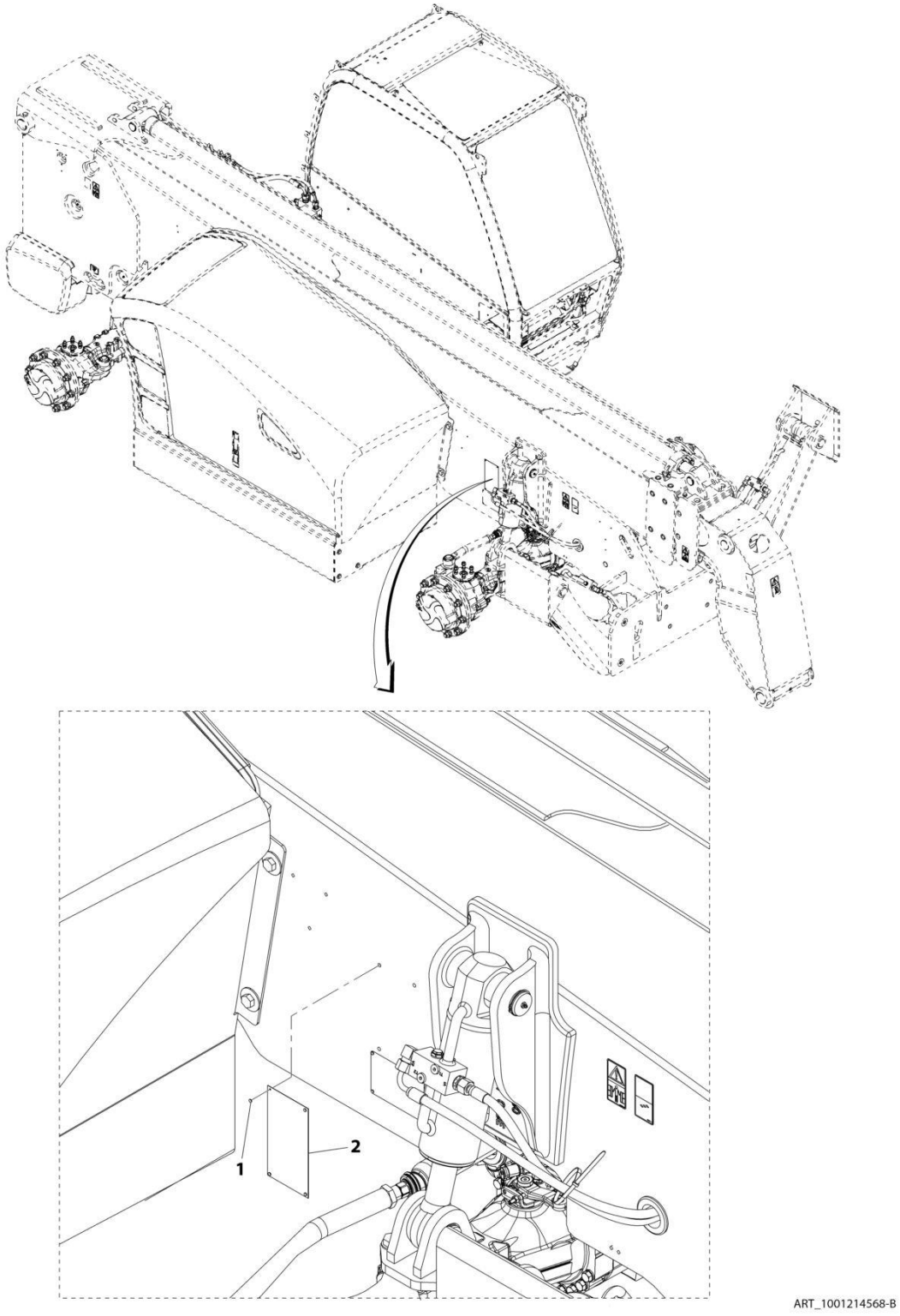
## FIGURE 11-24. HOMOLOGATION PLATE INSTALLATION - 3614RS (GERMANY)



## FIGURE 11-24. HOMOLOGATION PLATE INSTALLATION - 3614RS (GERMANY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001158112 | Ref | Homologation Plate Installation - 3614RS (Germany, if equipped) | B |
| 1 | 1001009178 | 4 | Tack, Metal | |
| 2 | 1001138051 | 1 | Plate, Homologation **(SN 1160007024 through 1160007561)** | |
| 2 | 1001232659 | 1 | Plate, Homologation **(SN 1160007561 through 1160008790)** | |

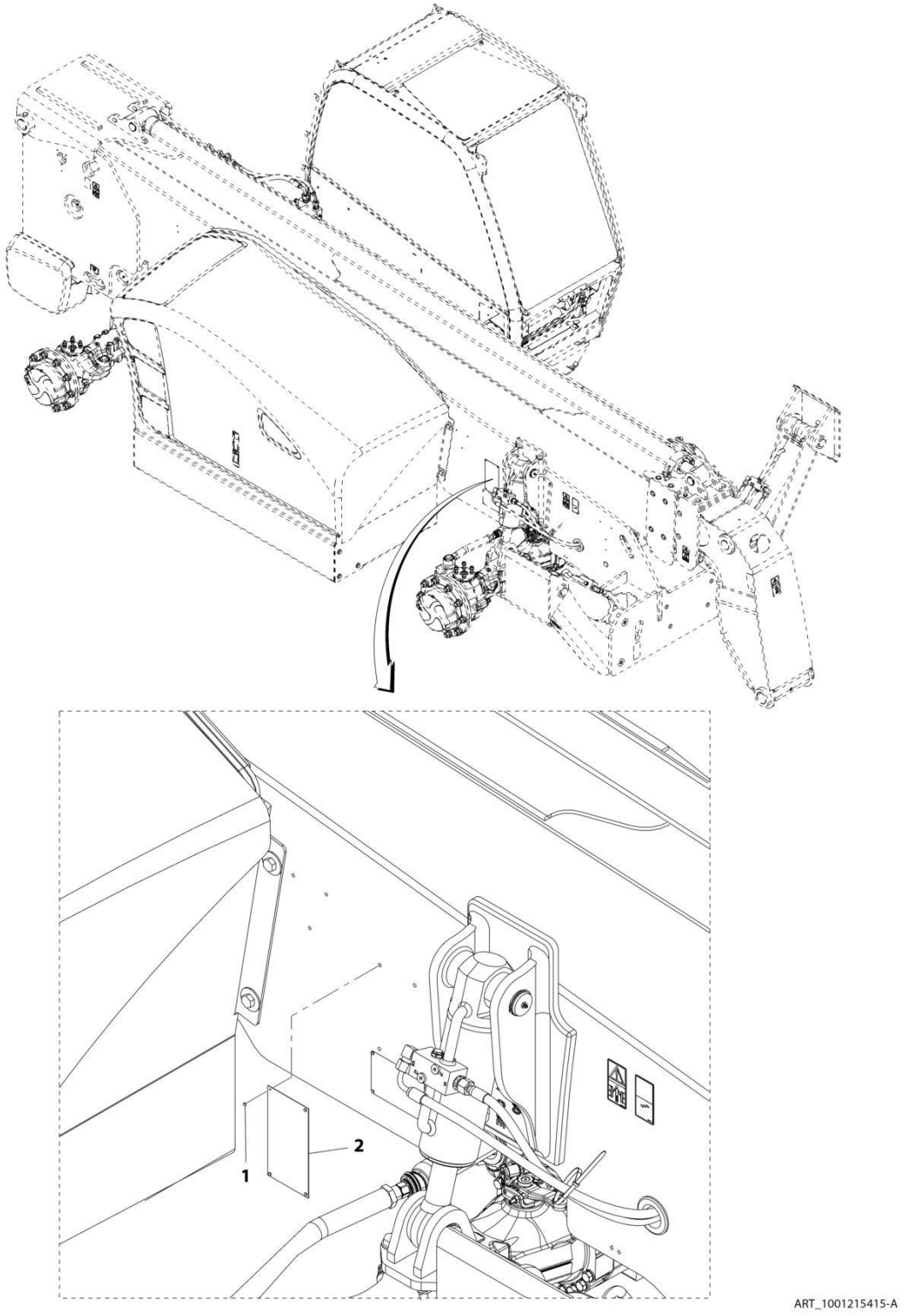
## FIGURE 11-25. HOMOLOGATION PLATE INSTALLATION (SPAIN)



## FIGURE 11-25. HOMOLOGATION PLATE INSTALLATION (SPAIN)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214568 | Ref | Homologation Plate Installation (Spain, if equipped) | B |
| 1 | 1001009178 | 4 | Tack, Metal | |
| 2 | 1001138051 | 1 | Plate, Homologation | |

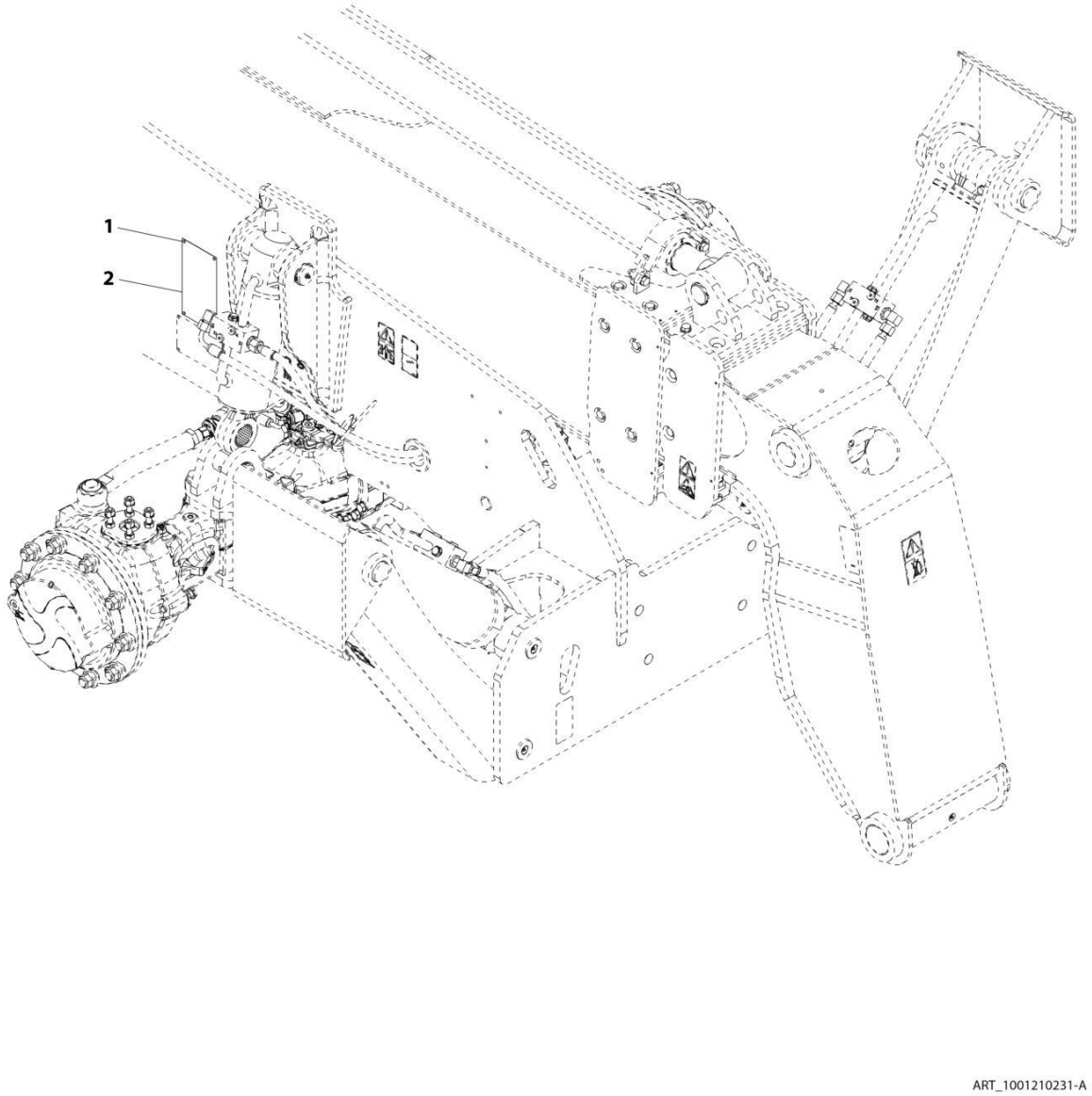
## FIGURE 11-26. HOMOLOGATION PLATE INSTALLATION (BELGIUM)



## FIGURE 11-26. HOMOLOGATION PLATE INSTALLATION (BELGIUM)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001215415 | Ref | Homologation Plate Installation - (Belgium, if equipped) | A |
| 1 | 1001009178 | 4 | Tack, Metal | |
| 2 | 1001138051 | 1 | Plate, Homologation | |

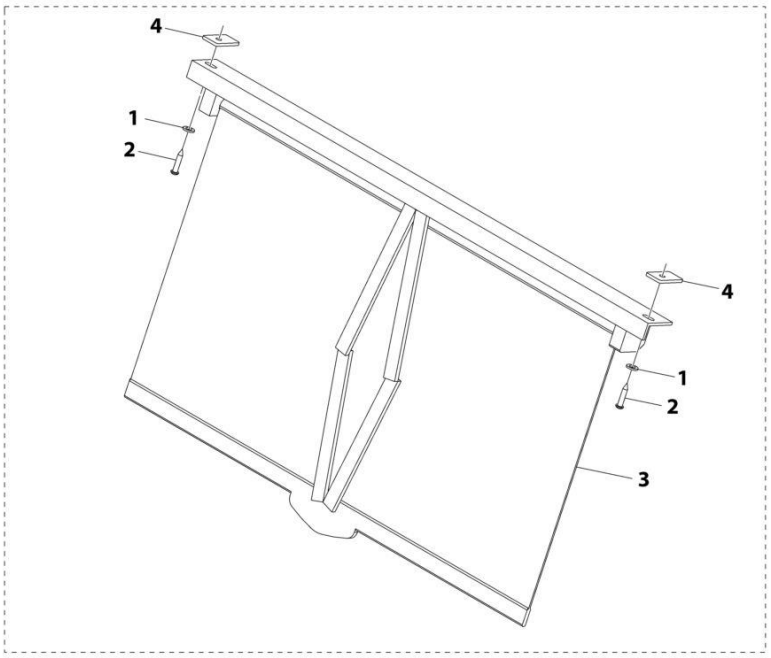
## FIGURE 11-27. HOMOLOGATION PLATE INSTALLATION (ITALY)



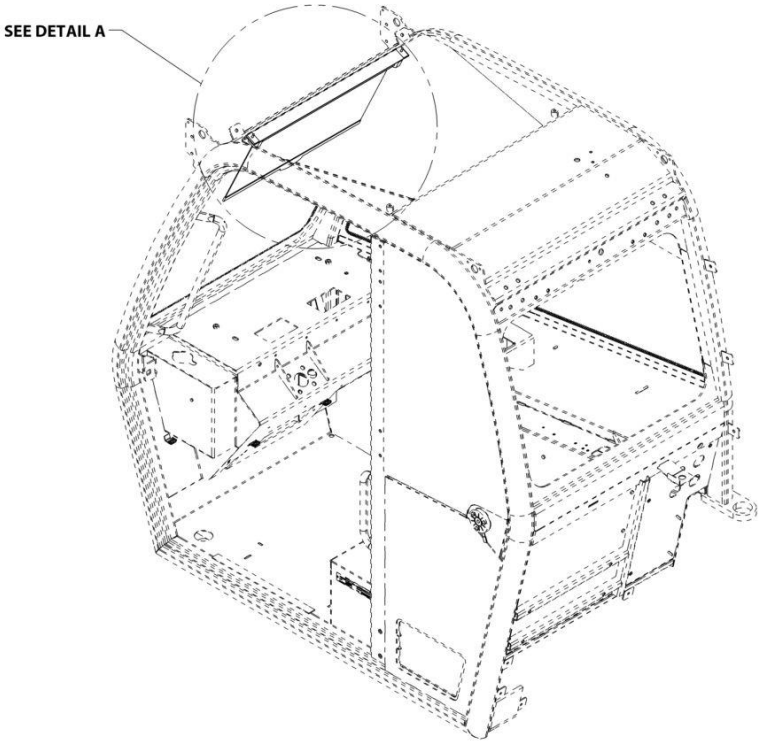
## FIGURE 11-27. HOMOLOGATION PLATE INSTALLATION (ITALY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001210231 | Ref | Homologation Plate Installation (Italy) | A |
| 1 | N.S.S. | 4 | Tack, Metal | |
| 2 | 1001138051 | 1 | Plate, Homologation | |

## FIGURE 11-28. SUNVISOR INSTALLATION - 3614RS (GERMANY)




DETAIL A

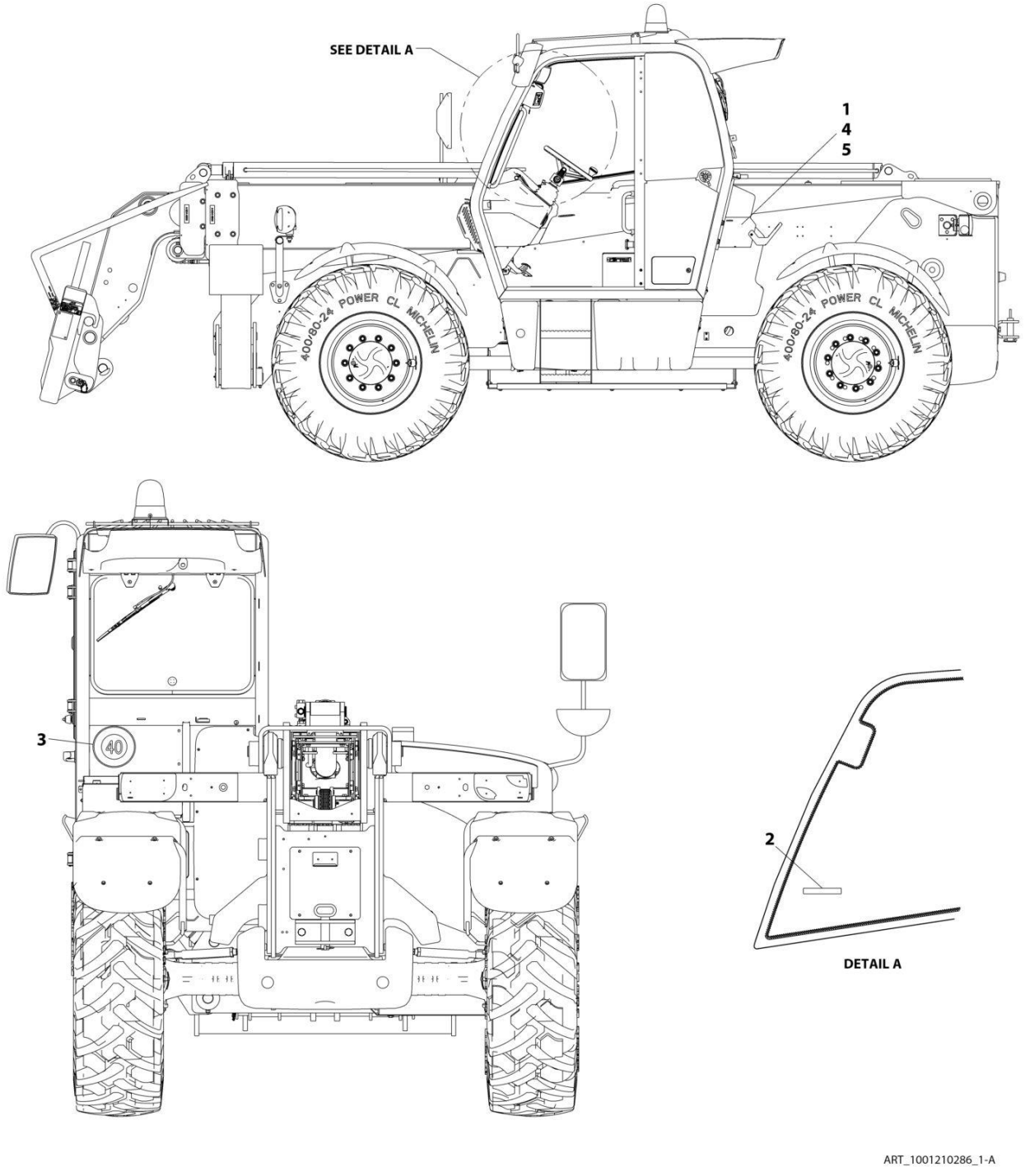


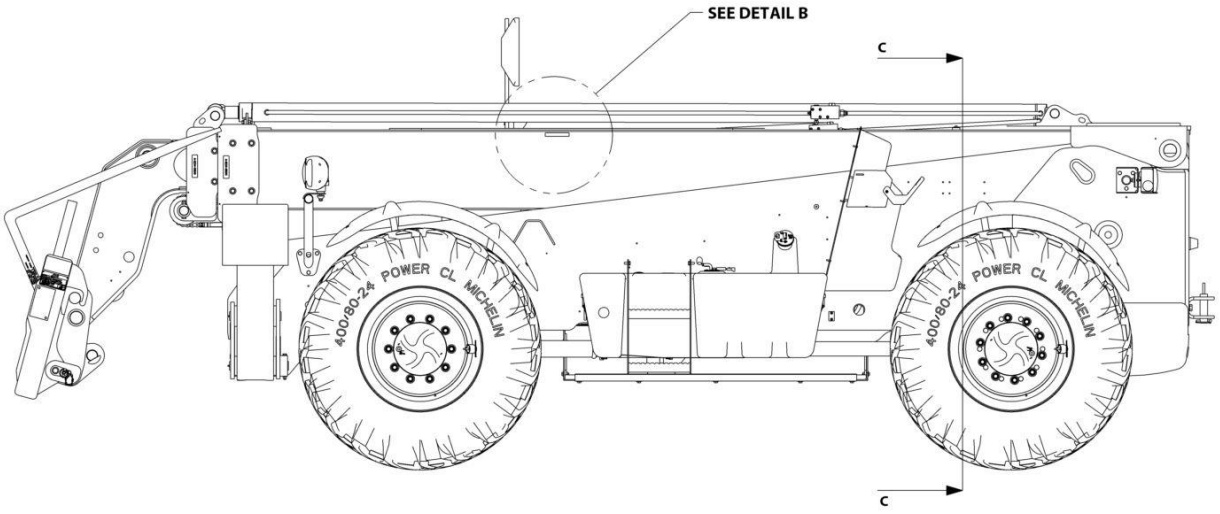

ART_1001214963-A

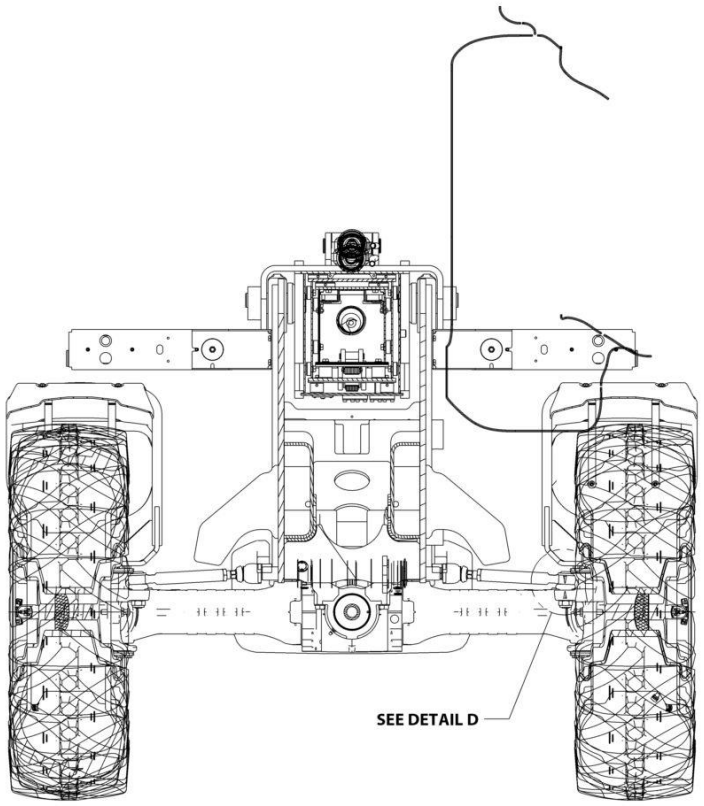
## FIGURE 11-28. SUNVISOR INSTALLATION - 3614RS (GERMANY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001214963 | Ref | Sunvisor Installation - 3614RS (Germany) | A |
| 1 | 4811700 | 2 | Washer, M6 | |
| 2 | 1001111147 | 2 | Self Tapping Screw | |
| 3 | 1001214964 | 1 | Sunvisor | |
| 4 | 1001215506 | 2 | Support, Plate | |

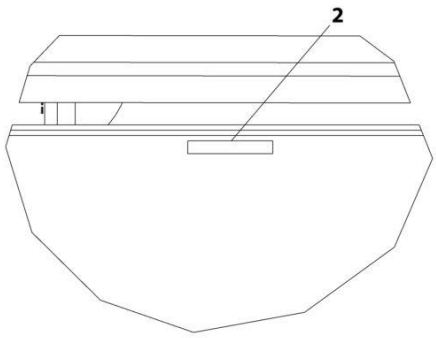
## FIGURE 11-29. DECAL HOMOLOGATION INSTALLATION (ITALY)



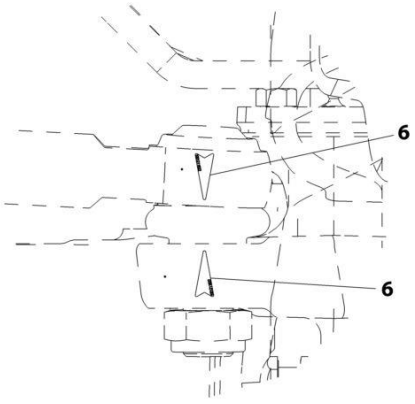



SECTION C-C




DETAIL B



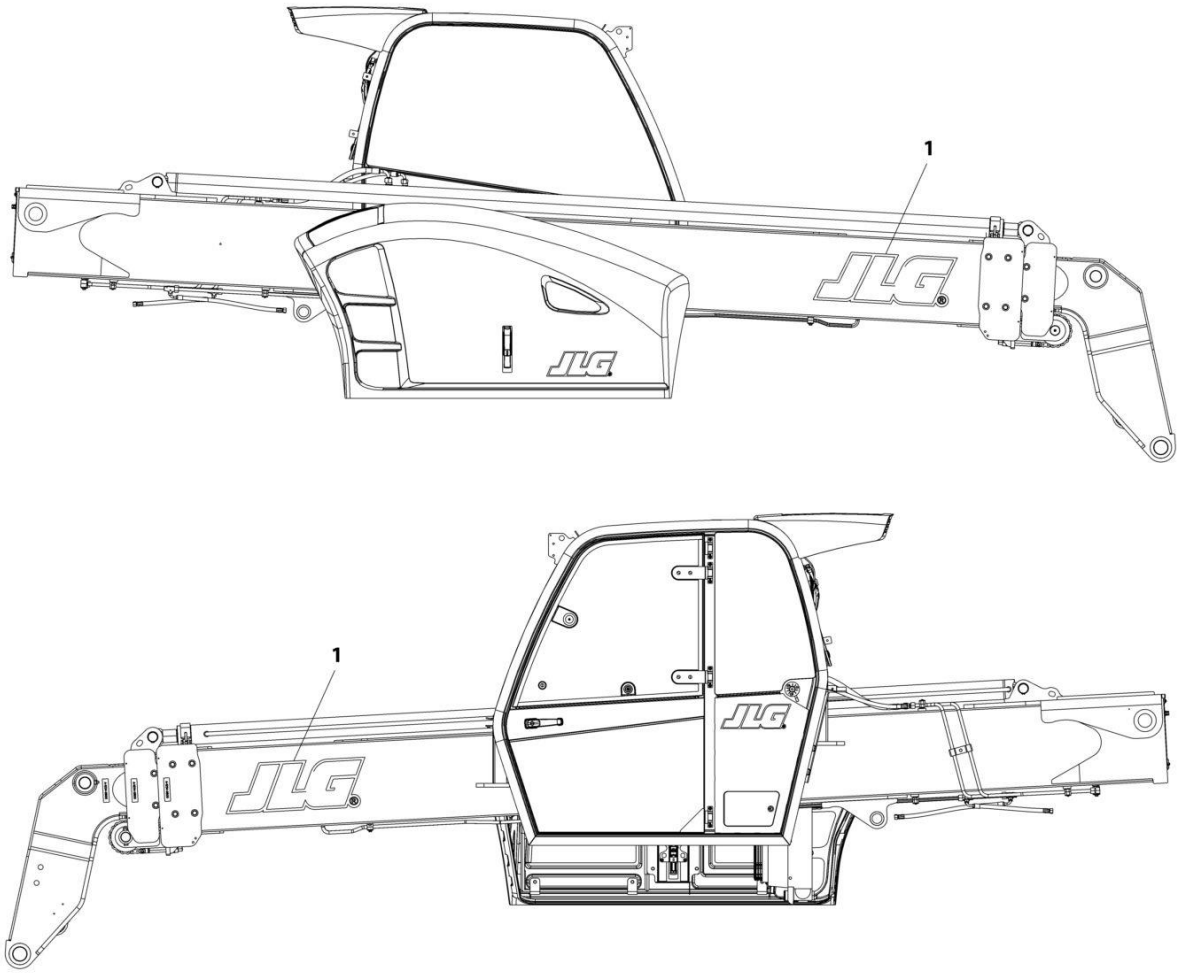

DETAIL D

ART_1001210286_2-A

## FIGURE 11-29. DECAL HOMOLOGATION INSTALLATION (ITALY)

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001210286 | Ref | Decal Homologation Installation (Italy) | A |
| 1 | 1001008559 | 1 | Tie Strap | |
| 2 | 1001129842 | 2 | Decal, Attachment Height | |
| 3 | 1001189317 | 1 | Decal, Speed 40KPH | |
| 4 | 1001207541 | 1 | Tool, Spanner Combination M14 AF | |
| 5 | 1001207542 | 1 | Tool, Spanner Combination M19 | |
| 6 | 1001211622 | 2 | Decal, Alignment | |

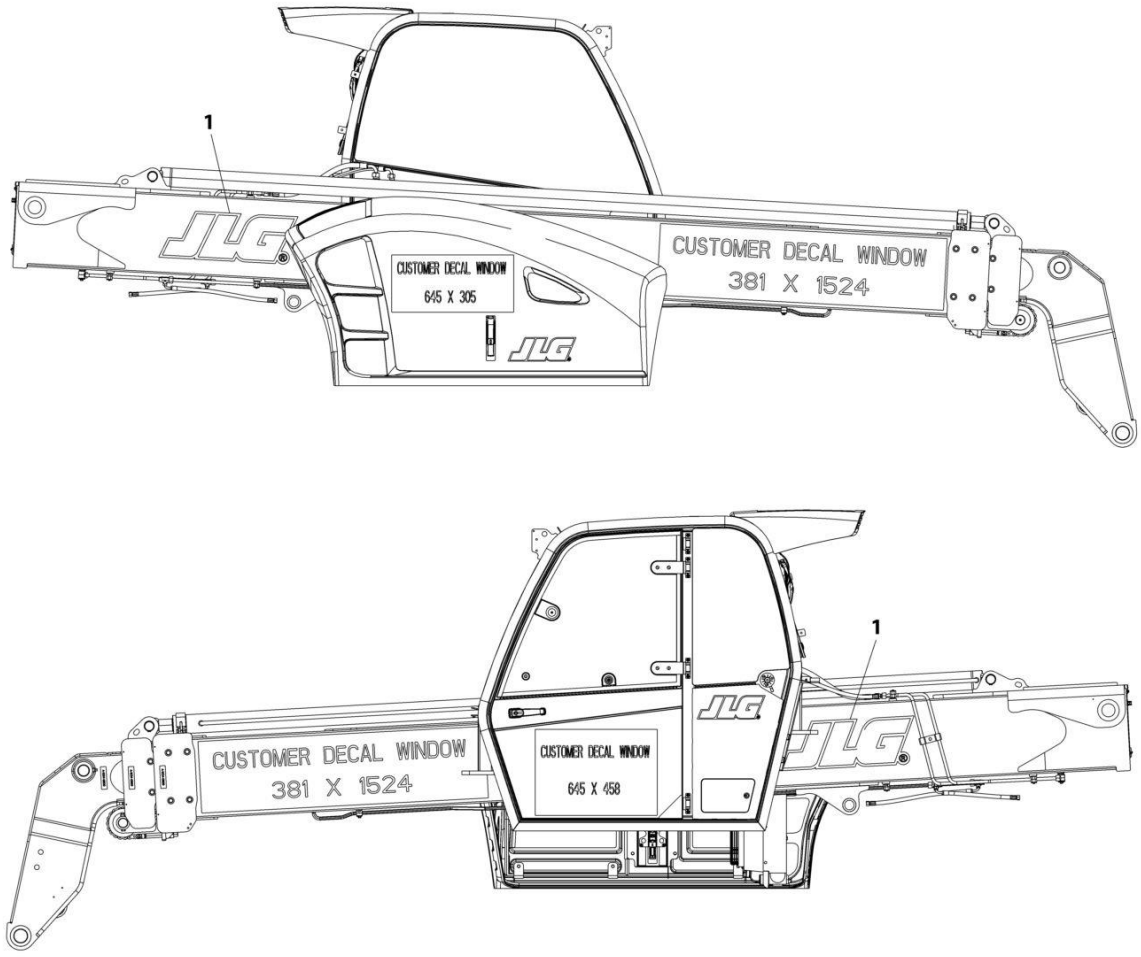
## FIGURE 11-30. DECAL BOOM INSTALLATION



## FIGURE 11-30. DECAL BOOM INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219806 | Ref | Decal Boom Installation | A |
| 1 | 1001159728 | 2 | Decal, JLG Logo | |

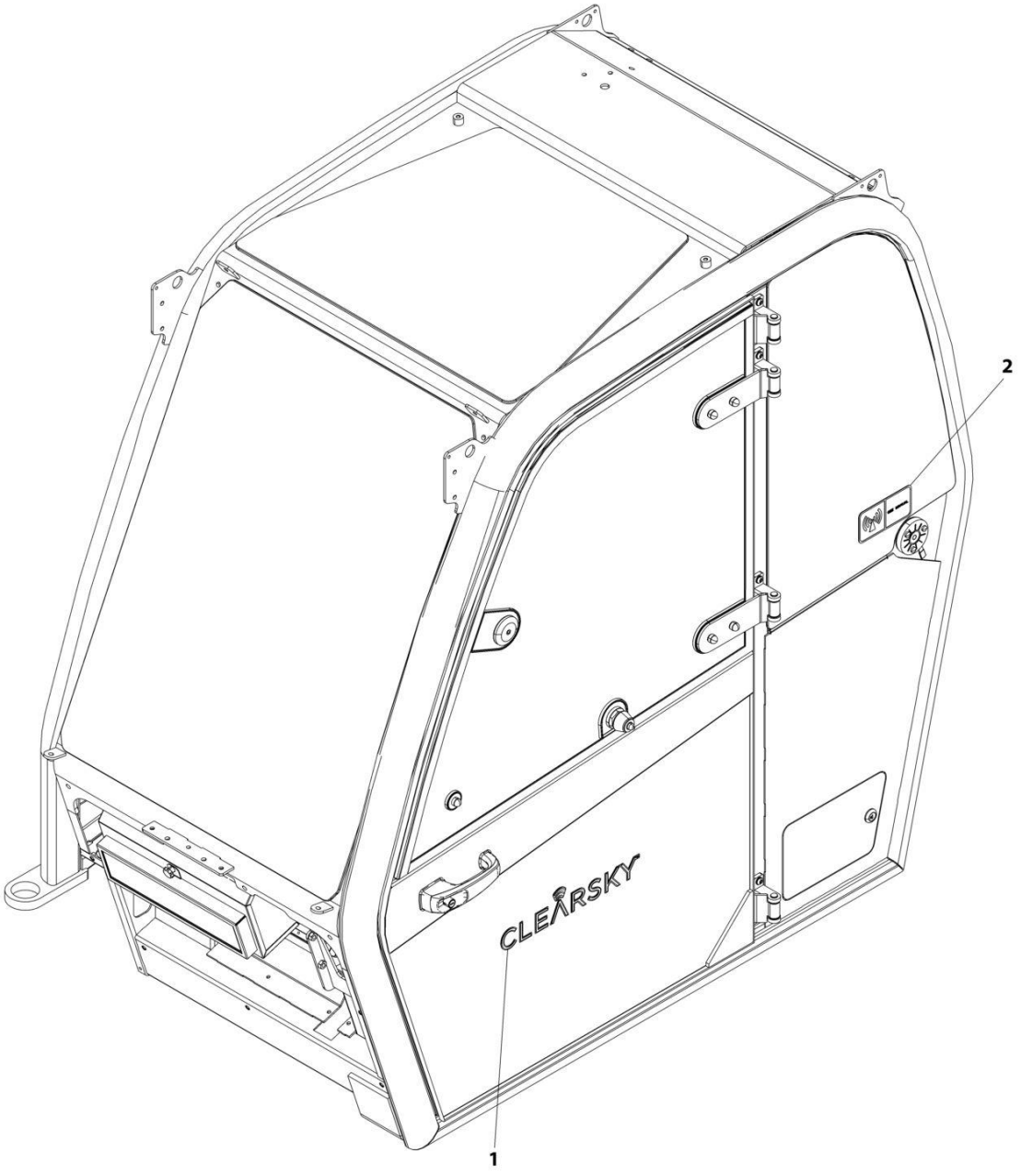
## FIGURE 11-31. DECAL BOOM INSTALLATION WITH CUSTOMER WINDOW



## FIGURE 11-31. DECAL BOOM INSTALLATION WITH CUSTOMER WINDOW

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001219805 | Ref | Decal Boom Installation with Customer Window | A |
| 1 | 1001159728 | 2 | Decal, JLG Logo | |

## FIGURE 11-32. CLEARSKY DECAL INSTALLATION



## FIGURE 11-32. CLEARSKY DECAL INSTALLATION

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001239324 | Ref | Clearsky Decal Installation | A |
| 1 | 1001116208 | 1 | Decal, Clearsky | |
| 2 | 1001120989 | 1 | Decal, Radio Frequency | |

# SECTION 12 - RECOMMENDED SPARE PARTS

# SECTION 12 - RECOMMENDED SPARE PARTS

## FIGURE 12-1. RECOMMENDED SPARE PARTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | | Ref | **Boom** | |
| | 1001152477 | 1 | Hose - 3614RS **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| | 1001180501 | 1 | Hose - 3614RS **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| | 1001154616 | 1 | Hose - 3614RS (auxiliary hydraulics) **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| | 1001180502 | 1 | Hose - 3614RS (auxiliary hydraulics) **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| | 1001166932 | 1 | Hose | |
| | 1001166931 | 1 | Hose | |
| | 1001168924 | 1 | Hose - 3614RS | |
| | 1001168925 | 1 | Hose - 3614RS | |
| | 1001168957 | 1 | Hose - 4017RS | |
| | 1001168958 | 1 | Hose - 4017RS | |
| | 1001180512 | 1 | Hose - 4017RS | |
| | 1001191367 | 1 | Hose - 4017RS | |
| | 1001191363 | 1 | Hose - 4017RS (auxiliary hydraulics) | |
| | 1001147657 | 24 | Pad | |
| | 1001147668 | 4 | Pad | |
| | 1001147670 | 2 | Pad - 3614RS | |
| | 1001147730 | 4 | Pad | |
| | 1001148103 | 4 | Pad | |
| | 1001148101 | 4 | Pad - 4017RS | |
| | 1001148100 | 6 | Pad - 4017RS | |
| | 1001148105 | 2 | Pad - 4017RS | |
| | 1001147914 | 2 | Pad, Hose Support - 4017RS | |
| | 1001166995 | 2 | Pad, Hose Tray - 4017RS | |
| | 1001149327 | 2 | Pad, Spacer - 4017RS | |
| | 1001169049 | 2 | Shim, 0.5 | |
| | 1001169048 | 2 | Shim, 1 | |
| | 1001155958 | AR | Shim, 3 | |
| | 1001155959 | AR | Shim, 2 | |
| | 1001155960 | AR | Shim, 1 | |
| | 1001147731 | AR | Shim, 1X45X185 | |
| | 1001154174 | AR | Shim, 0.5X45X185 | |
| | 1001147802 | AR | Shim, 1X45X185 | |
| | 1001148147 | AR | Shim, 1X67.5X185 | |
| | 1001154176 | AR | Shim, 0.5X67.5X185 | |
| | 1001098146 | AR | Shim, 72X110X0.5 | |
| | 1001098147 | AR | Shim, 72X110X1.0 | |
| | 1001147843 | 1 | Pin, Coupler | |
| | 1001147844 | 1 | Pin, Coupler | |
| | | Ref | **Engine** | |
| | 1101312 | 1 | Element, Primary | |

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1101313 | 1 | Element, Safety | |
| | 1001142658 | 1 | Cap, Fuel | |
| | 1001150752 | 1 | Fan | |
| | 1001134759 | 1 | Belt, Compressor | |
| | | Ref | **Drivetrain** | |
| | 91474250 | 1 | Filter, Hydraulic Spin | |
| | 8005079 | 4 | Clampset | |
| | 3300479 | 40 | Nut, Wheel M22X1.5 | |
| | 1001146640 | 1 | Joystick, Electric (no FNR Lever) | |
| | 1001146641 | 1 | Joystick, Electric (FNR Lever) | |
| | 1001146642 | 1 | Joystick, Electric (AUX, no FNR Lever) | |
| | 1001146643 | 1 | Joystick, Electric (AUX, FNR Lever) | |
| | | Ref | **Hydraulic System** | |
| | 70025583 | 1 | Kit, Seal, Lift Cylinder - 3614RS | |
| | 70025591 | 1 | Kit, Seal, Lift Cylinder - 4017RS | |
| | 70025597 | 1 | Kit, Seal, Extend/Retract Cylinder - 3614RS | |
| | 70025635 | 1 | Kit, Seal, Extend/Retract Cylinder - 4017RS | |
| | 70025583 | 1 | Kit, Seal, Tilt Cylinder | |
| | 70025620 | 1 | Kit, Seal, Compensation Cylinder | |
| | 70025615 | 1 | Kit, Seal, Frame Level Cylinder - 3614RS | |
| | 70025640 | 1 | Kit, Seal, Frame Level Cylinder - 4017RS | |
| | 70025628 | 1 | Kit, Seal, Outrigger Cylinder | |
| | 1001153748 | 1 | Steering Select Valve | |
| | 70024631 | 1 | Kit, Seal, Gear Pump | |
| | 1001142659 | 1 | Cap, Hydraulic | |
| | 70025812 | 1 | Gauge, Sight | |
| | 70020922 | 1 | Kit, Seal, Hydraulic Park Brake Release Valve | |
| | | Ref | **Electrical** | |
| | 1001139779 | 1 | Battery | |
| | 1001003596 | 1 | Horn | |
| | 1001101808 | 1 | Alarm, Back-Up | |
| | 70020796 | 4 | Bulb, Cab Worklights | |
| | 7029969 | 2 | Bulb, Driving Lights | |
| | 7029970 | 1 | Bulb, Driving Lights | |
| | 7029971 | 4 | Bulb, Driving Lights | |
| | 70021341 | 2 | Bulb, Driving Lights | |
| | 70021340 | 2 | Bulb, Driving Lights | |
| | 70020186 | 1 | Bulb, Beacon Light | |
| | 70021341 | 1 | Bulb, License Plate Light | |
| | | Ref | **Miscellaneous** | |
| | 4807718 | 1 | Blade, Wiper, Rear Window | |
| | 1001141281 | 1 | Blade, Front Wiper | |
| | 1001141313 | 1 | Blade, Roof Wiper | |
| | 70021220 | 1 | Key | |
| | 1001145650 | 1 | Container, Manual Storage Bag JLG | |
| | 1001152477 | 1 | Hose - 3614RS **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |

# SECTION 12 - RECOMMENDED SPARE PARTS

| ITEM | PART NUMBER | QTY | DESCRIPTION | REV |
|---|---|---|---|---|
| | 1001180501 | 1 | Hose - 3614RS, **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| | 1001154616 | 1 | Hose - 3614RS (auxiliary hydraulics), **(SN 1160007024 through 1160007979, Excluding 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |
| | 1001180502 | 1 | Hose - 3614RS (auxiliary hydraulics) **(SN 1160007979 through 1160008790, Including 1160007924, 1160007926, 1160007937, 1160007941 and 1160007946)** | |

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