Illustrated Parts Manual

Models
3614RS
4017RS

PVC
1911
2005

P/N
31211338

March 31, 2024 - Rev E

An Oshkosh Corporation Company

EFFECTIVITY PAGE

September 1, 2019 - A - Original Issue of Manual

July 7, 2020 - B - Revised Manual (Edited toB/M 1001203000 Revision AC)

October 30, 2020 - C - Revised Manual (Edited toB/M 1001203000 Revision AC)

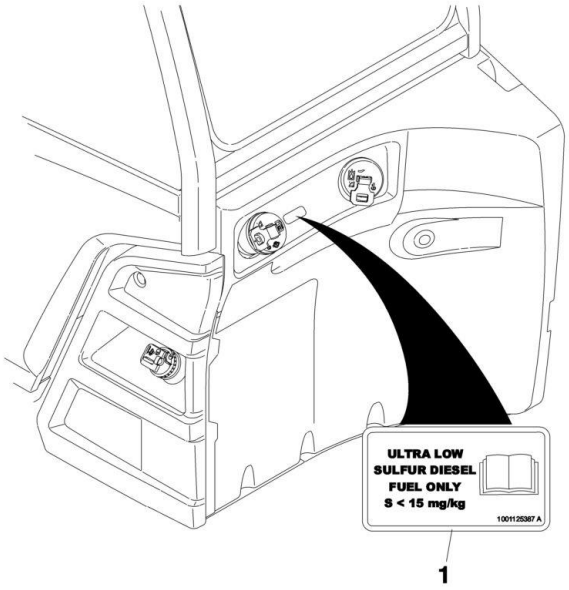
October 15, 2021 - D - Revised Manual (Edited toB/M 1001203000 Revision AC)

March 31, 2024 - E - Revised Manual (Edited toB/M 1001203000 Revision AC)

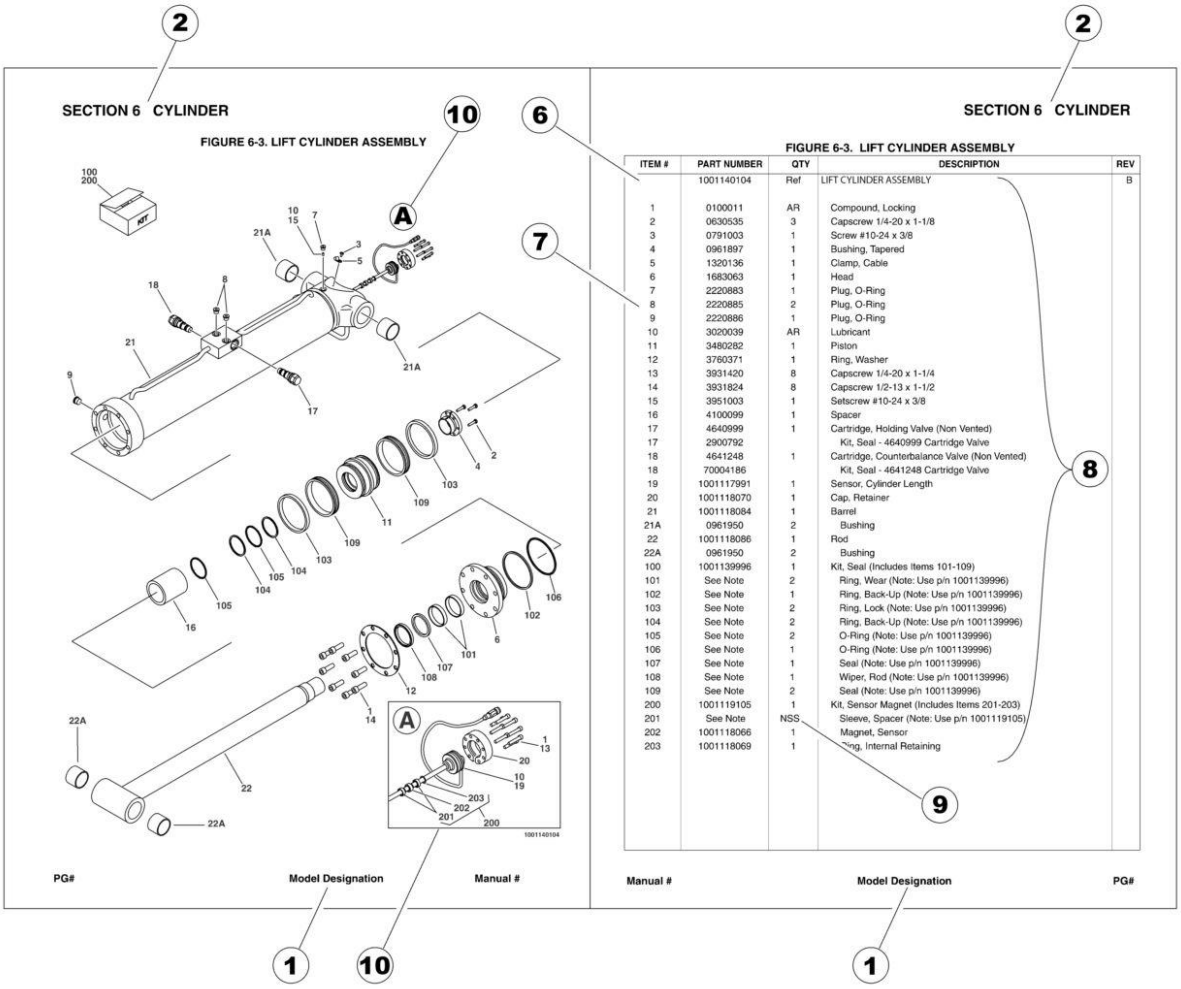
Machine Configuration

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

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



GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

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

5) PART NUMBER INDEX (NOT SHOWN)

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

GENERAL INFORMATION

6) NON-SERVICED PARTS

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

7) PARTS LIST ITEM NUMBERS

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

8) INDENTED PARTS DESCRIPTION

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

9) ABBREVIATION AND SYMBOLS

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

10) ILLUSTRATION REFERANCE LETTERS

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

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

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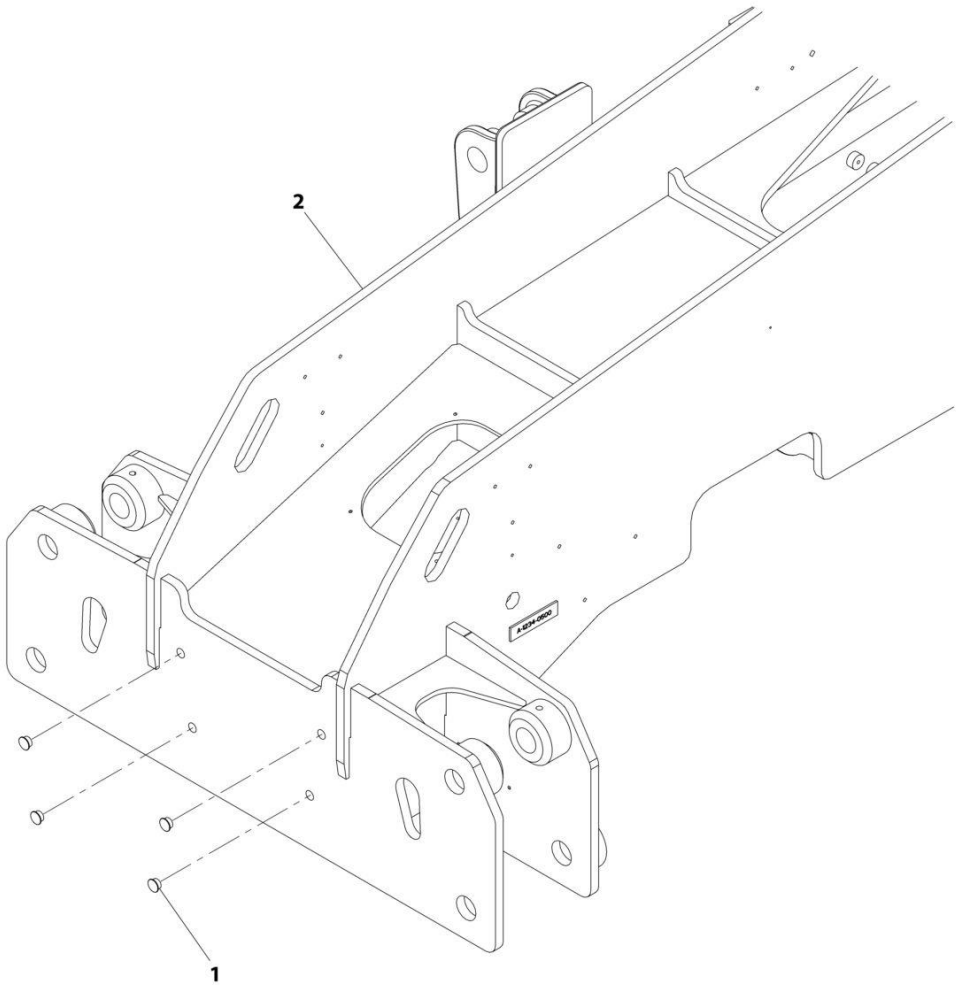
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SECTION 1 - FRAME AND ATTACHING PARTS

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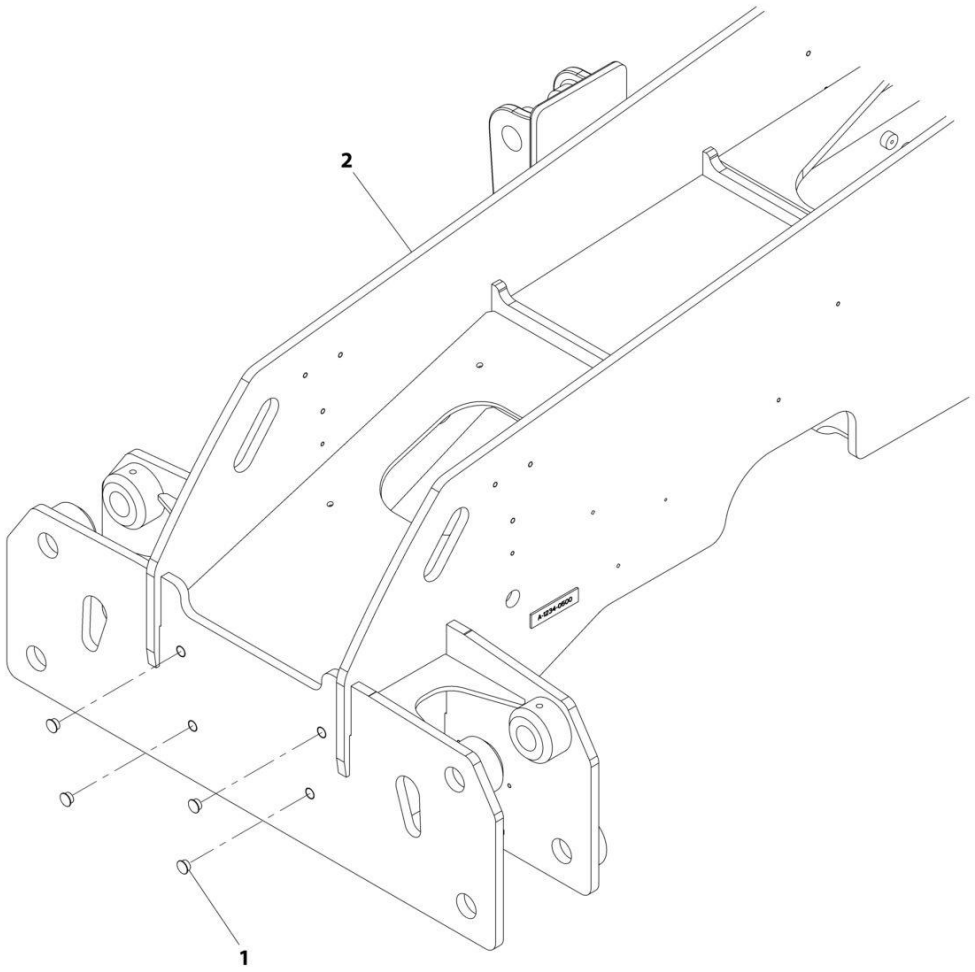


ART_1001237050-A

FIGURE 1-1. FRAME INSTALLATION (3614RS)

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

FIGURE 1-2. FRAME INSTALLATION (4017RS)

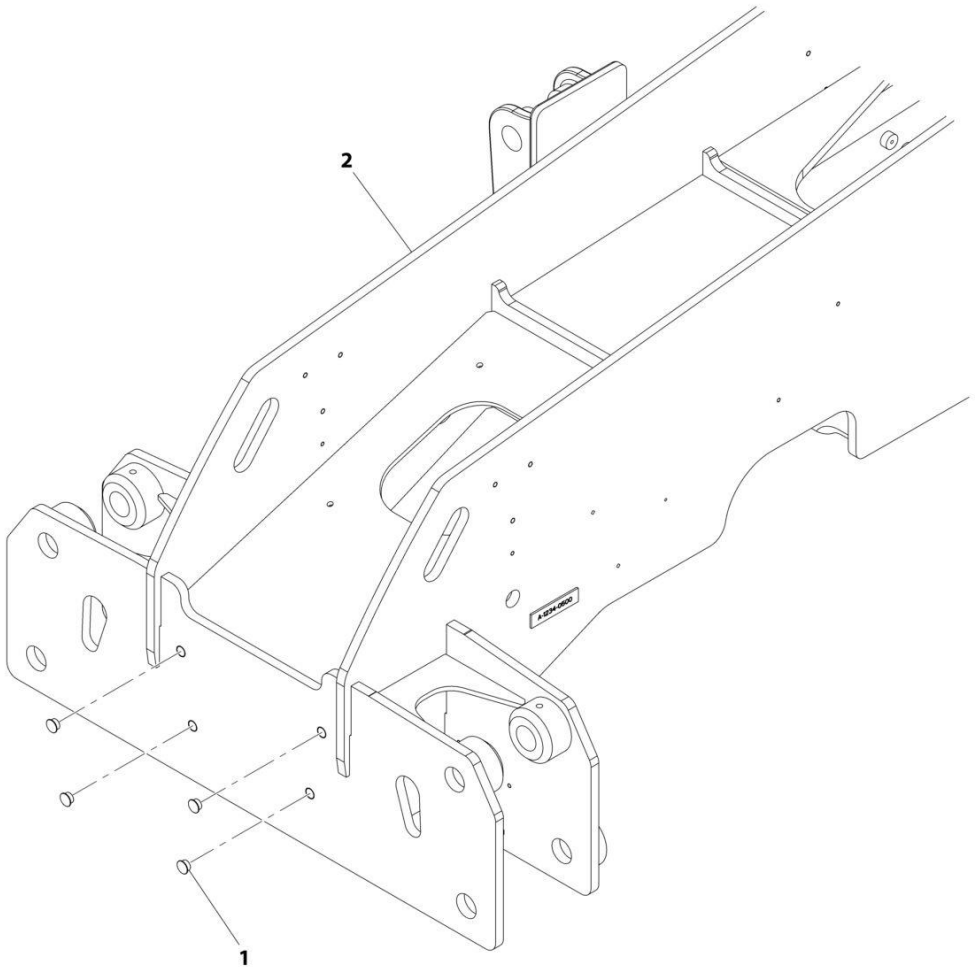


ART_1001237053-A

FIGURE 1-2. FRAME INSTALLATION (4017RS)

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

FIGURE 1-3. FRAME INSTALLATION (HIGH CAB) (4017RS)



ART_1001237578-A

FIGURE 1-3. FRAME INSTALLATION (HIGH CAB) (4017RS)

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 1-4. ENCLOSURE GROUP INSTALLATION

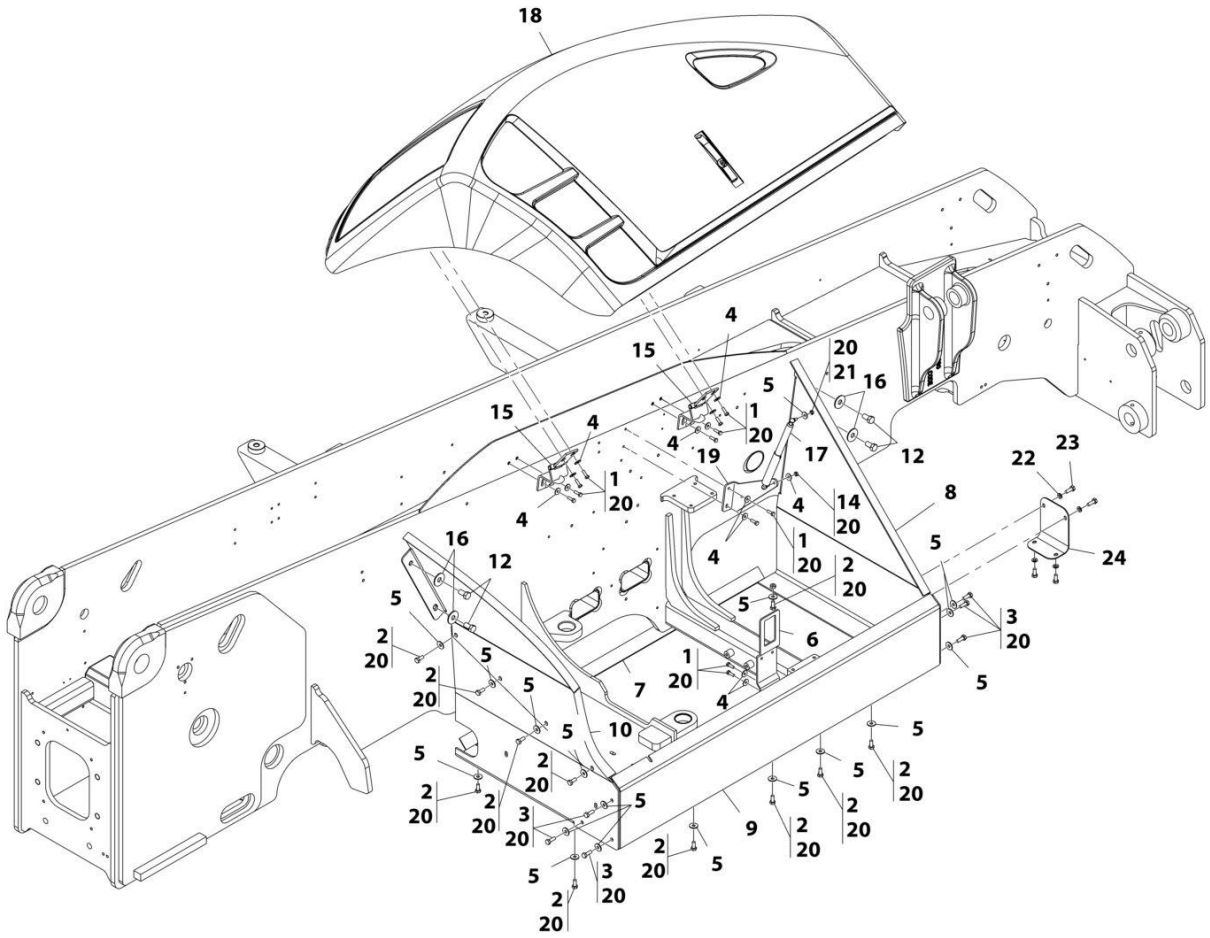


FIGURE 1-4. ENCLOSURE GROUP INSTALLATION

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	1001237046	1	Spring, Hood	
18	1001150144	1	Assembly, Hood (See Separate Breakdown in this Section)	
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 1-5. MIRROR INSTALLATION (3614RS)

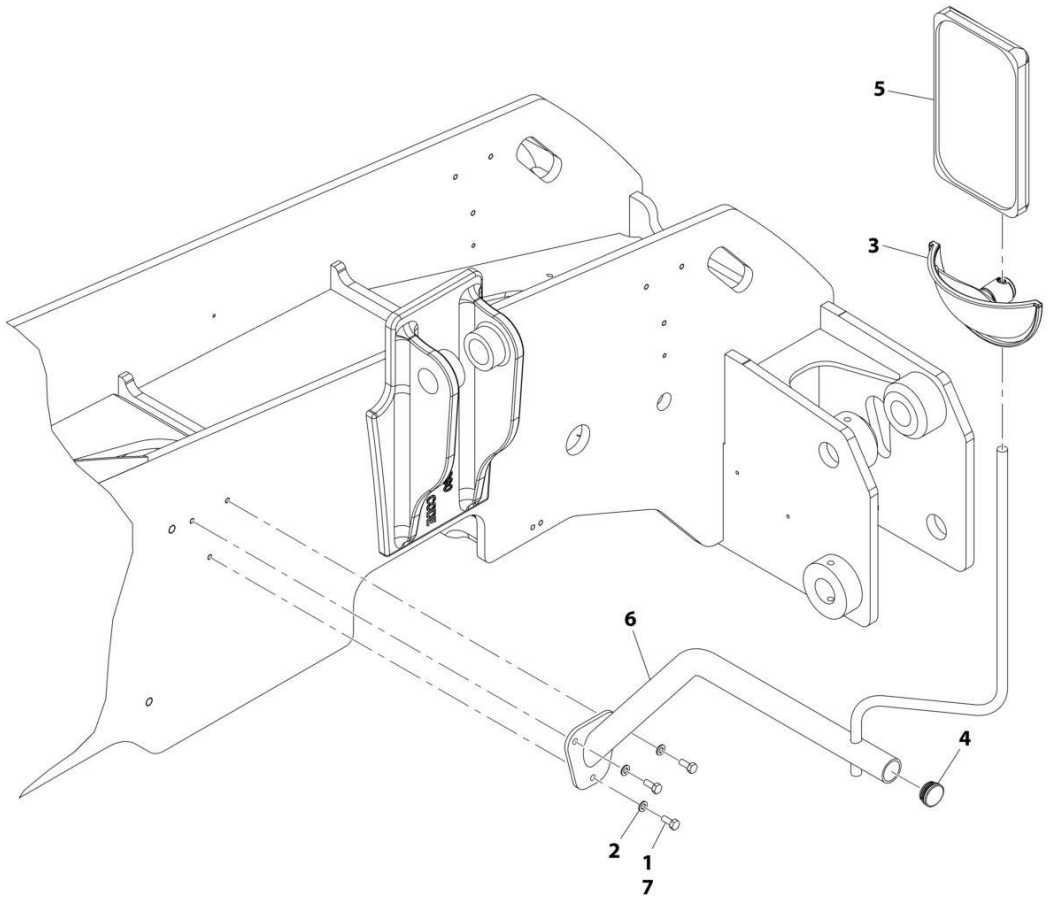


FIGURE 1-5. MIRROR INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144111	Ref	Mirror Installation	D
1	0761012	3	Bolt, M10X25	
2	4812000	3	Washer, M10 (3614RS)	
3	1001008436	1	Mirror, (See Separate Breakdown in this Section)	
4	1001096913	1	Cap, Lamp Bracket (3614RS)	
5	1001150306	1	Mirror, Convex	
6	1001144430	1	Bracket, Mirror (3614RS)	
7	1001095650	AR	Compound, Locking (3614RS)	

FIGURE 1-6. MIRROR INSTALLATION (4017RS)

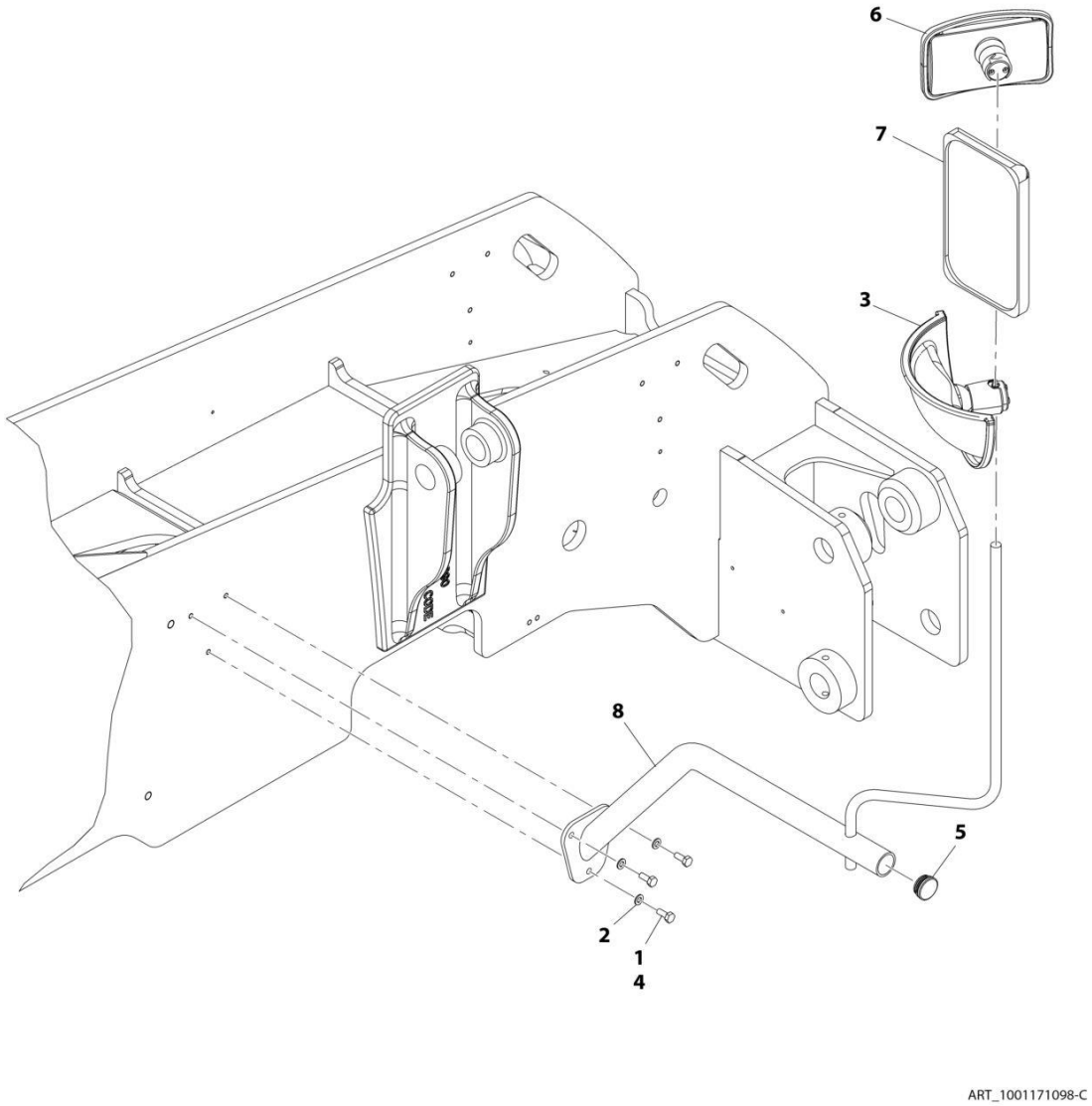


FIGURE 1-6. MIRROR INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171098	Ref	Mirror Installation	C
1	0761012	3	Bolt, M10X25	
2	4812000	3	Washer, M10	
3	1001008436	1	Assembly, Mirror (See Separate Breakdown in this Section)	
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 1-7. MIRROR INSTALLATION

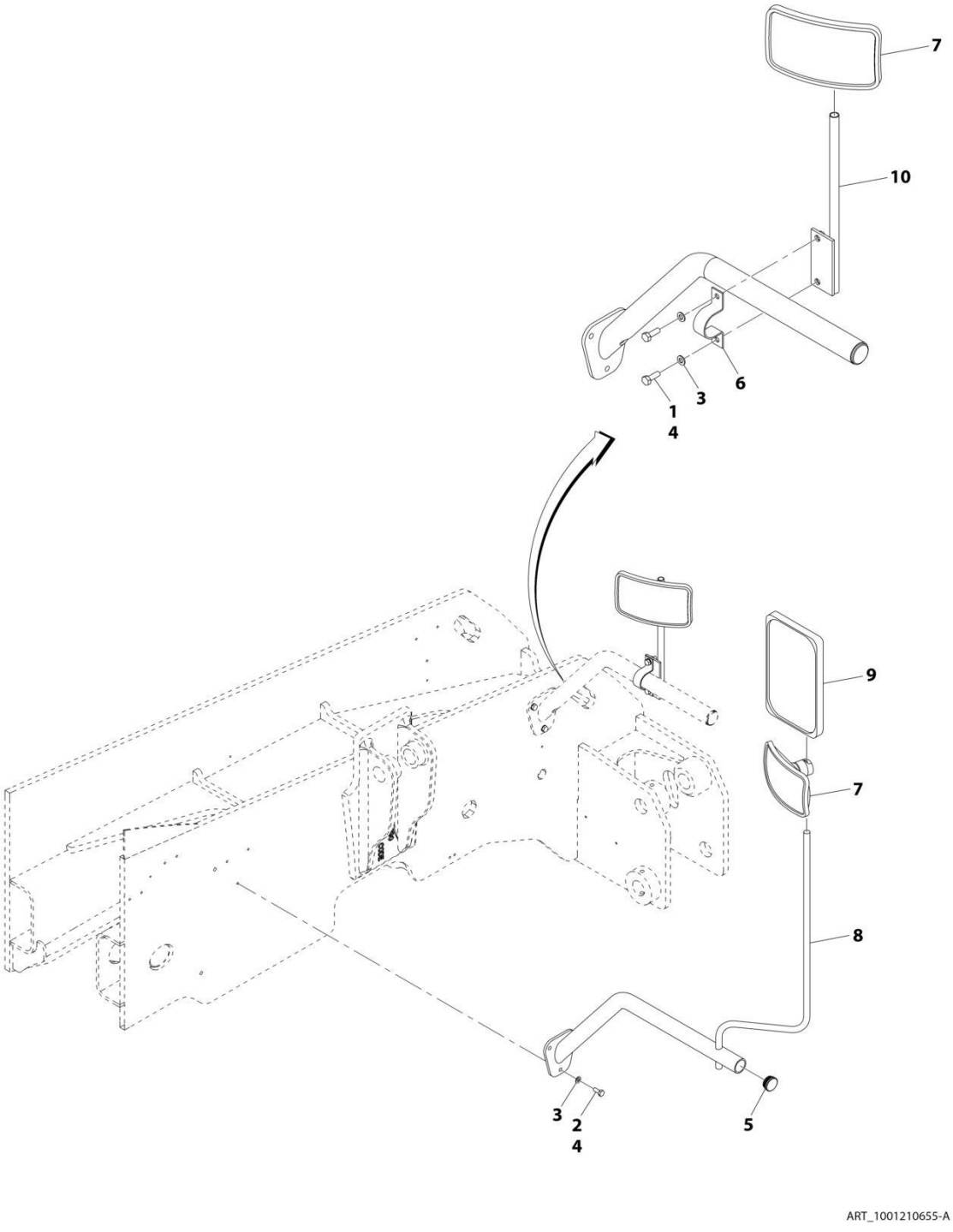


FIGURE 1-7. MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210655	Ref	Mirror Installation	A
1	0701014	2	Bolt, M10X30	
2	0761012	3	Bolt, M10X25	
3	4812000	5	Washer, M10	
4	1001095650	AR	Compound, Locking	
5	1001096913	1	Cap, Lamp Bracket	
6	1001097973	1	Clip	
7	1001142724	2	Mirror, Convex	
8	1001144430	1	Bracket, Mirror	
9	1001150306	1	Mirror, Convex	
10	1001210658	1	Assembly, Mirror	

FIGURE 1-8. REAR MIRROR INSTALLATION

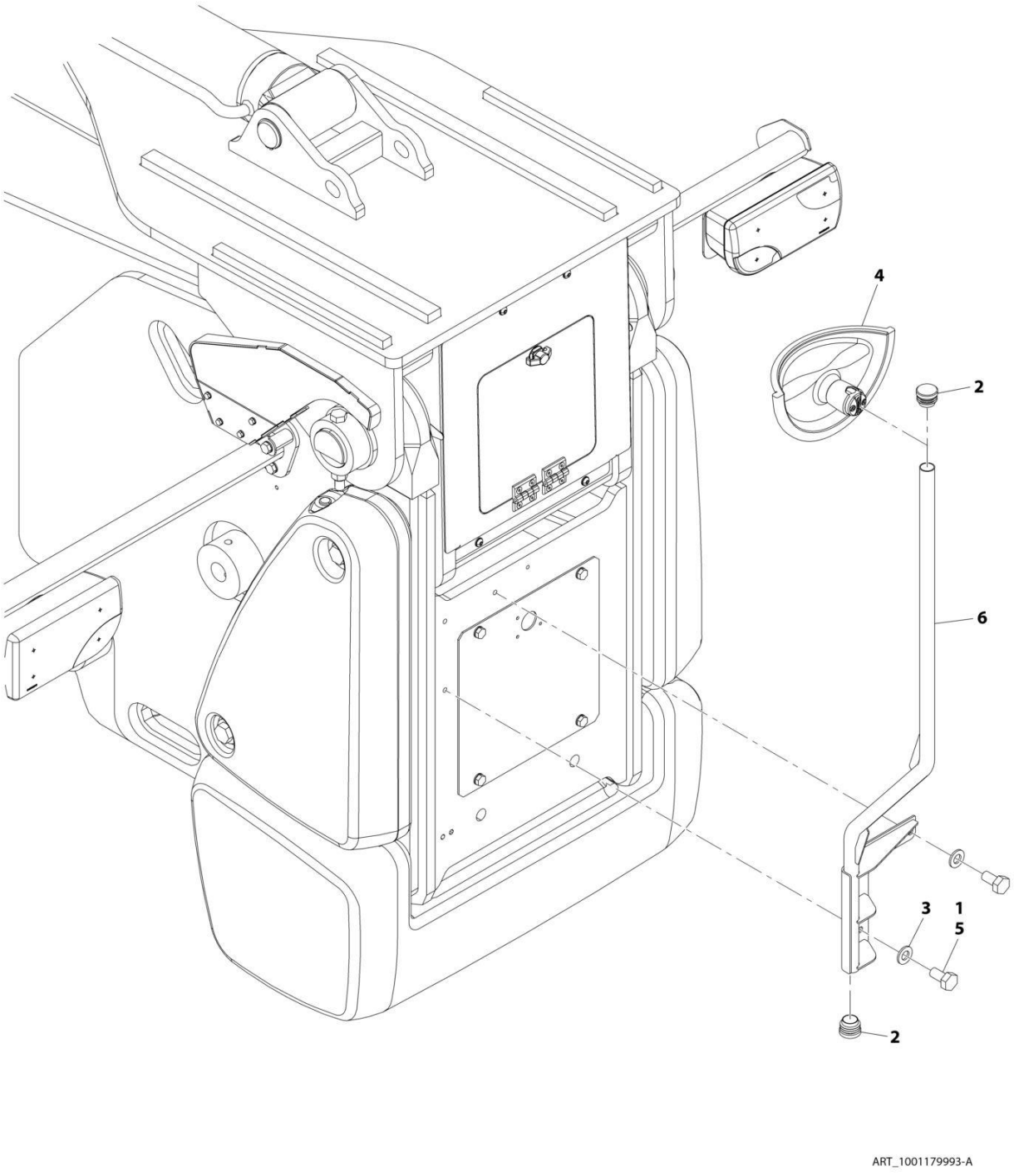
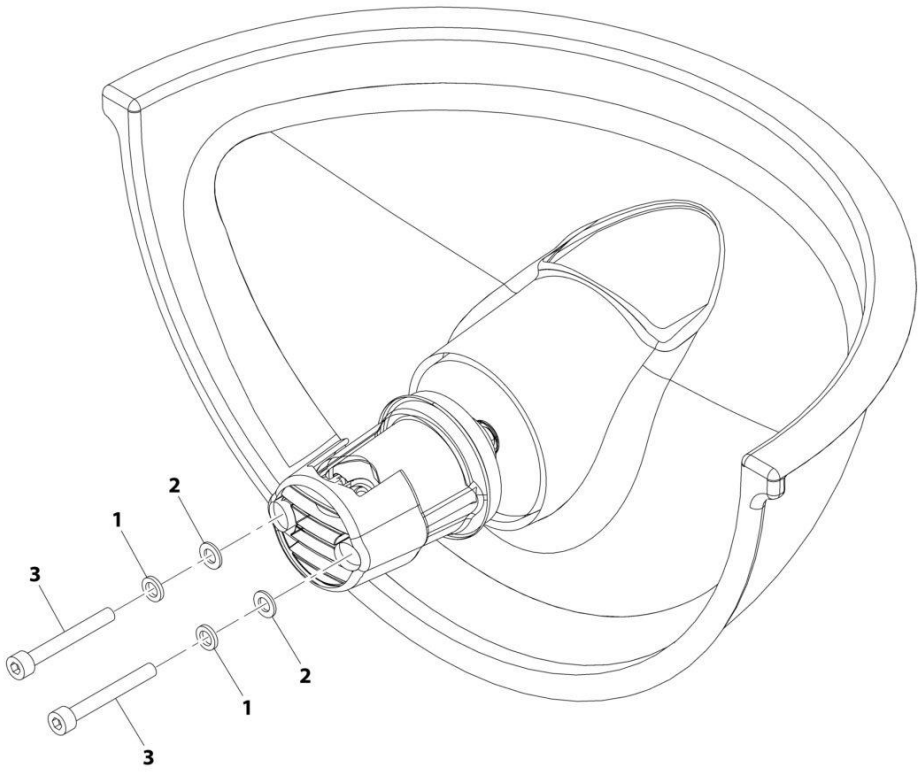


FIGURE 1-8. REAR MIRROR INSTALLATION

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 Separate Breakdown in this Section)	
5	1001095650	AR	Compound, Locking	
6	1001179994	1	Bracket	

FIGURE 1-9. MIRROR ASSEMBLY (CONVEX)

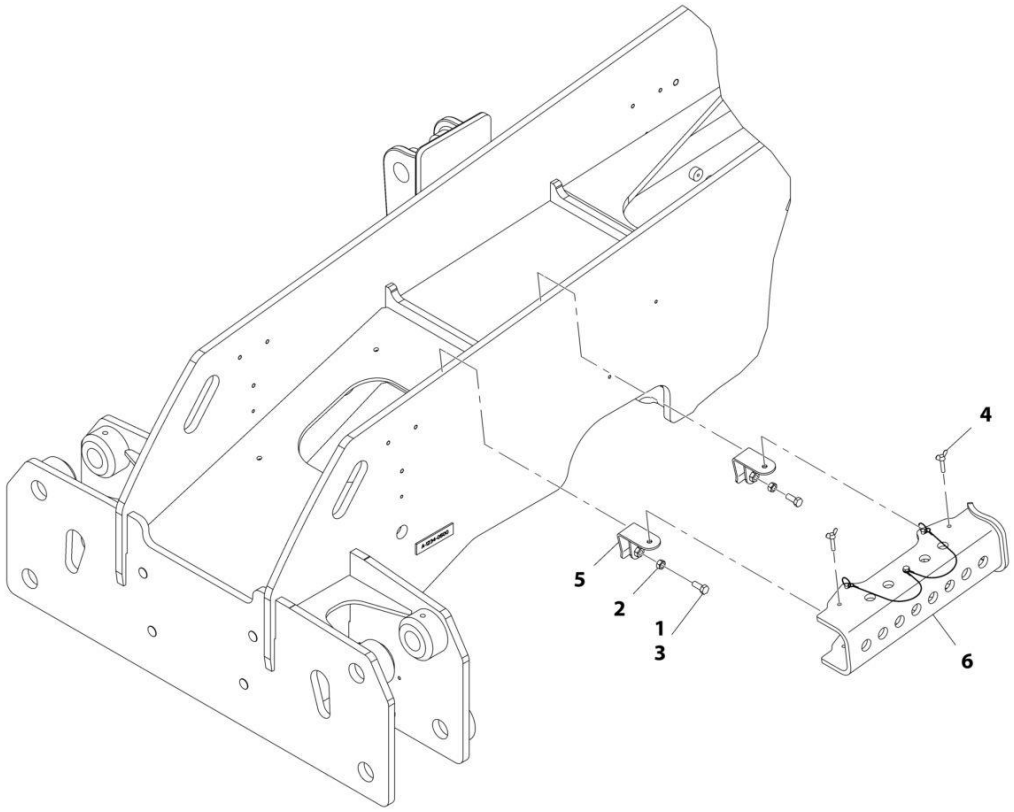


ART_1001008436-D

FIGURE 1-9. MIRROR ASSEMBLY (CONVEX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001008436	Ref	Mirror Assembly (Convex)	D
1	1001008475	2	Washer, Lock	
2	1001009062	2	Washer	
3	1001010838	2	Bolt	

FIGURE 1-10. BOOM PROP INSTALLATION

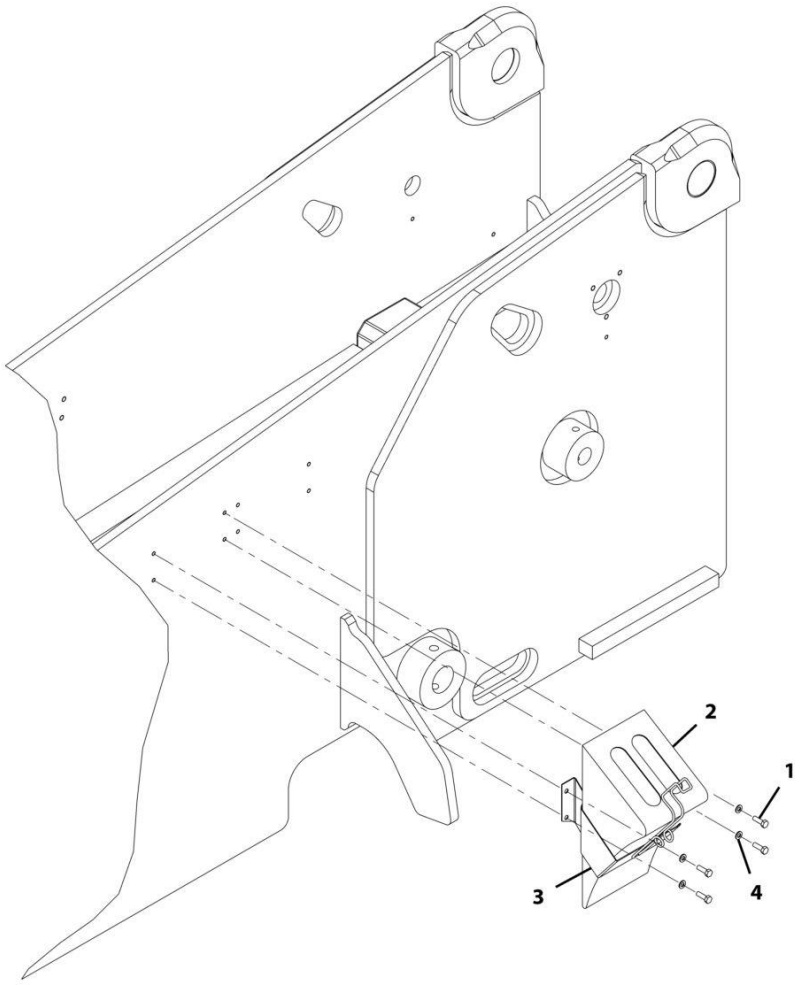


ART_1001164211-B

FIGURE 1-10. 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 1-11. WHEEL CHOCK INSTALLATION



ART_1001157868-A

FIGURE 1-11. 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 1-12. HOOD ASSEMBLY

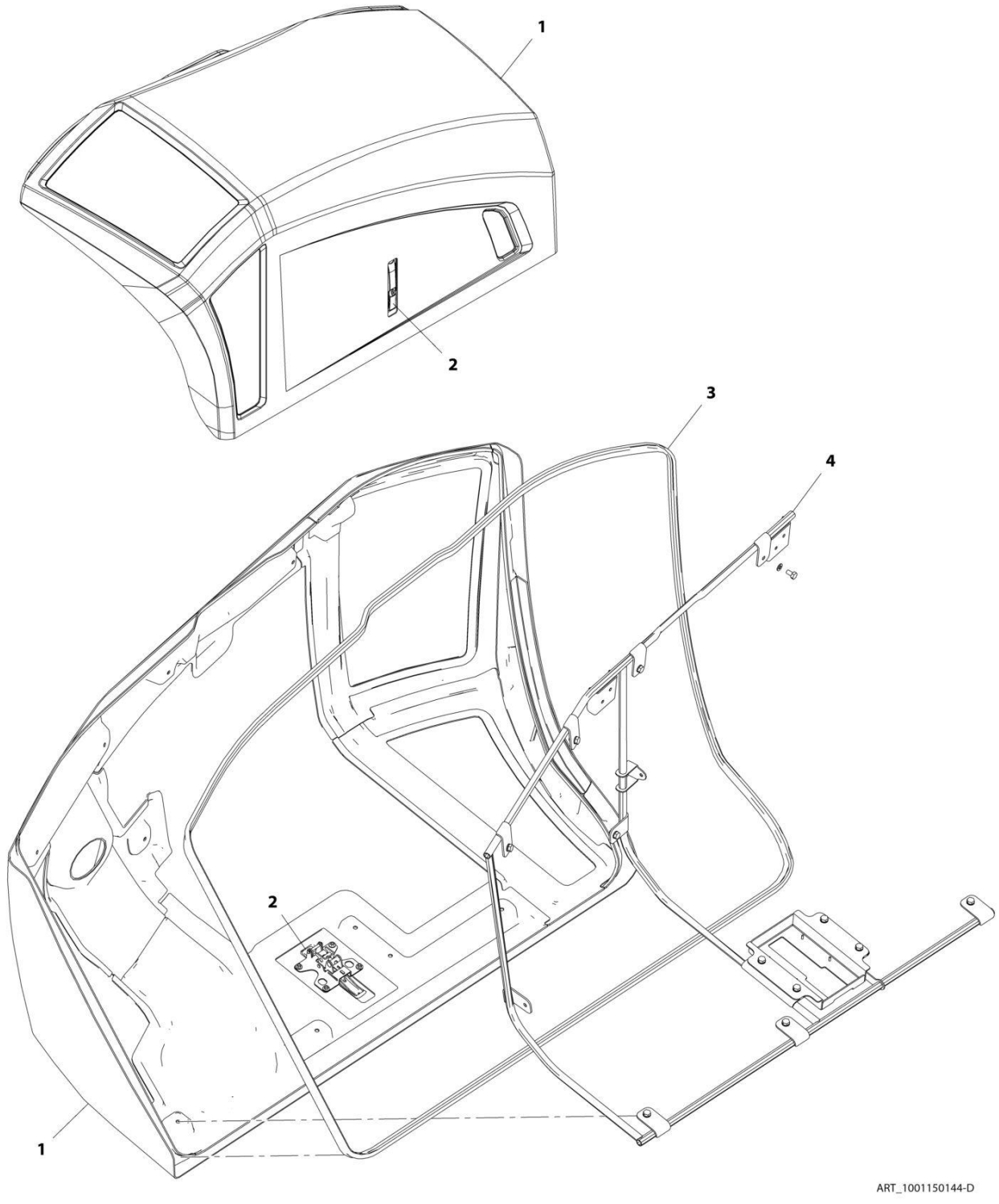


FIGURE 1-12. HOOD ASSEMBLY

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

FIGURE 1-13. SOUND SUPPRESSION INSTALLATION (LCAD, AFRICA AND MID EAST, PAC RIM)

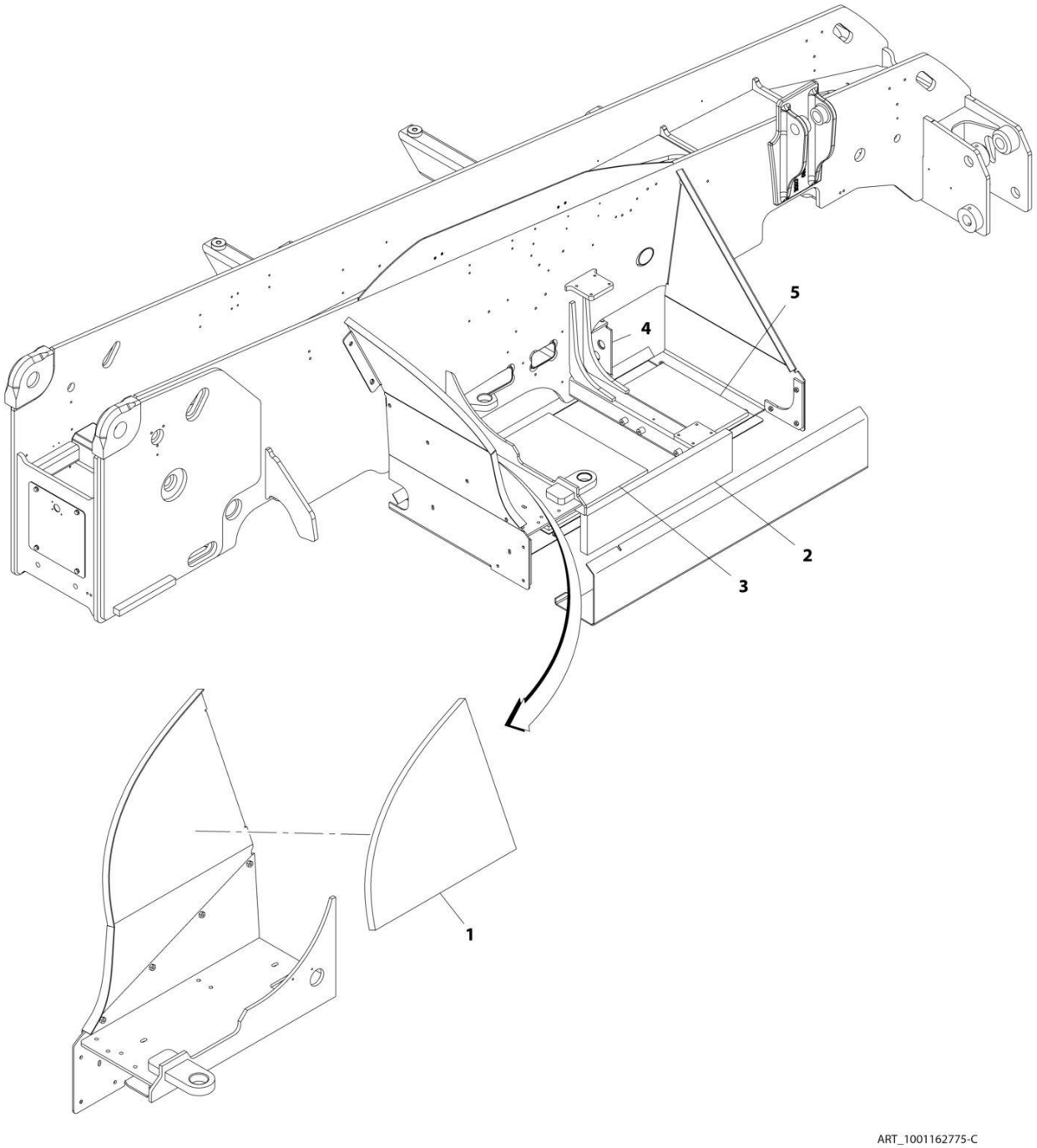


FIGURE 1-13. SOUND SUPPRESSION INSTALLATION (LCAD, AFRICA AND MID EAST, PAC RIM)

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 1-14. SOUND SUPPRESSION INSTALLATION

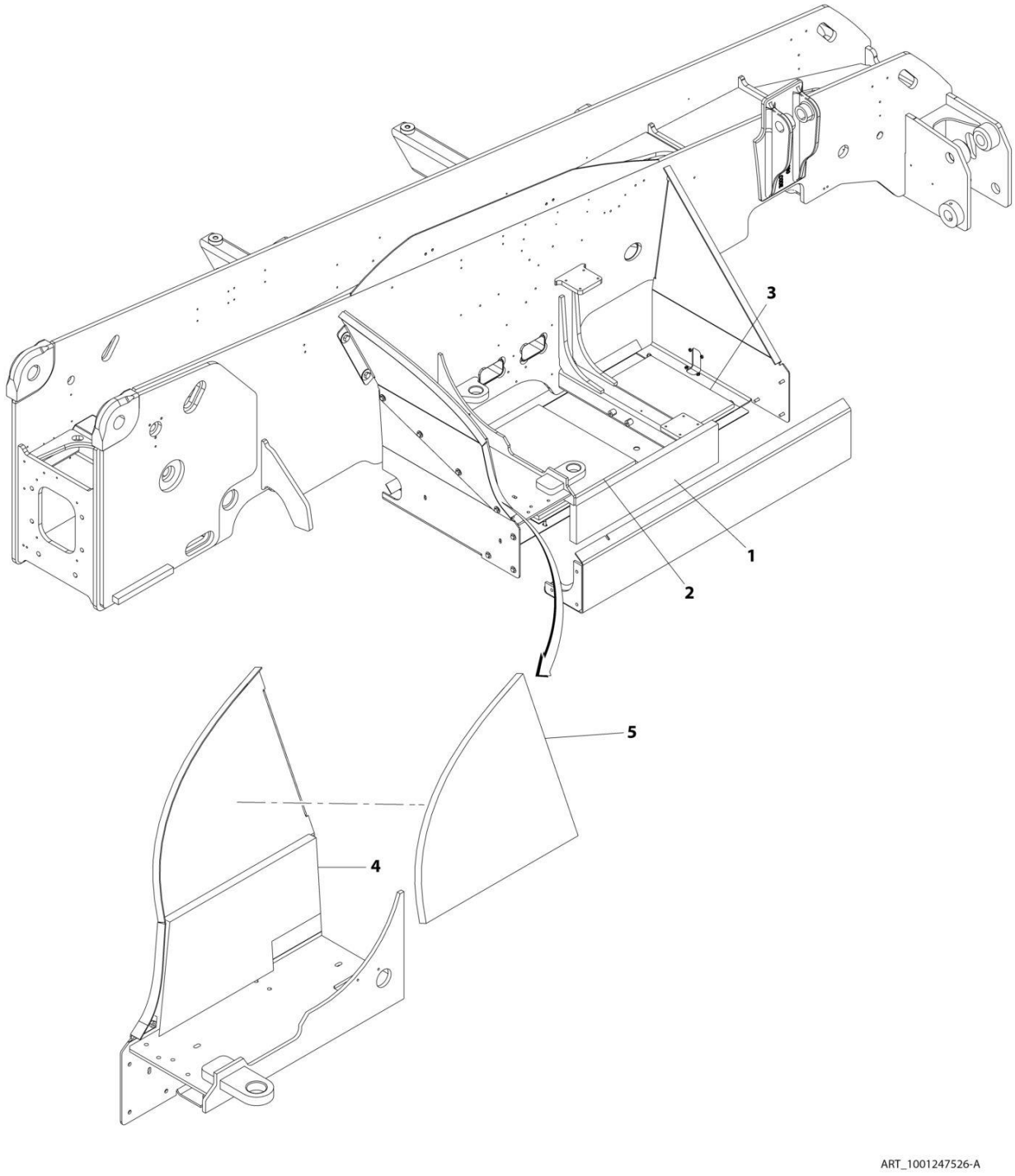


FIGURE 1-14. SOUND SUPPRESSION INSTALLATION

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 1-15. CHASSIS COVER PLATE INSTALLATION (3614RS)

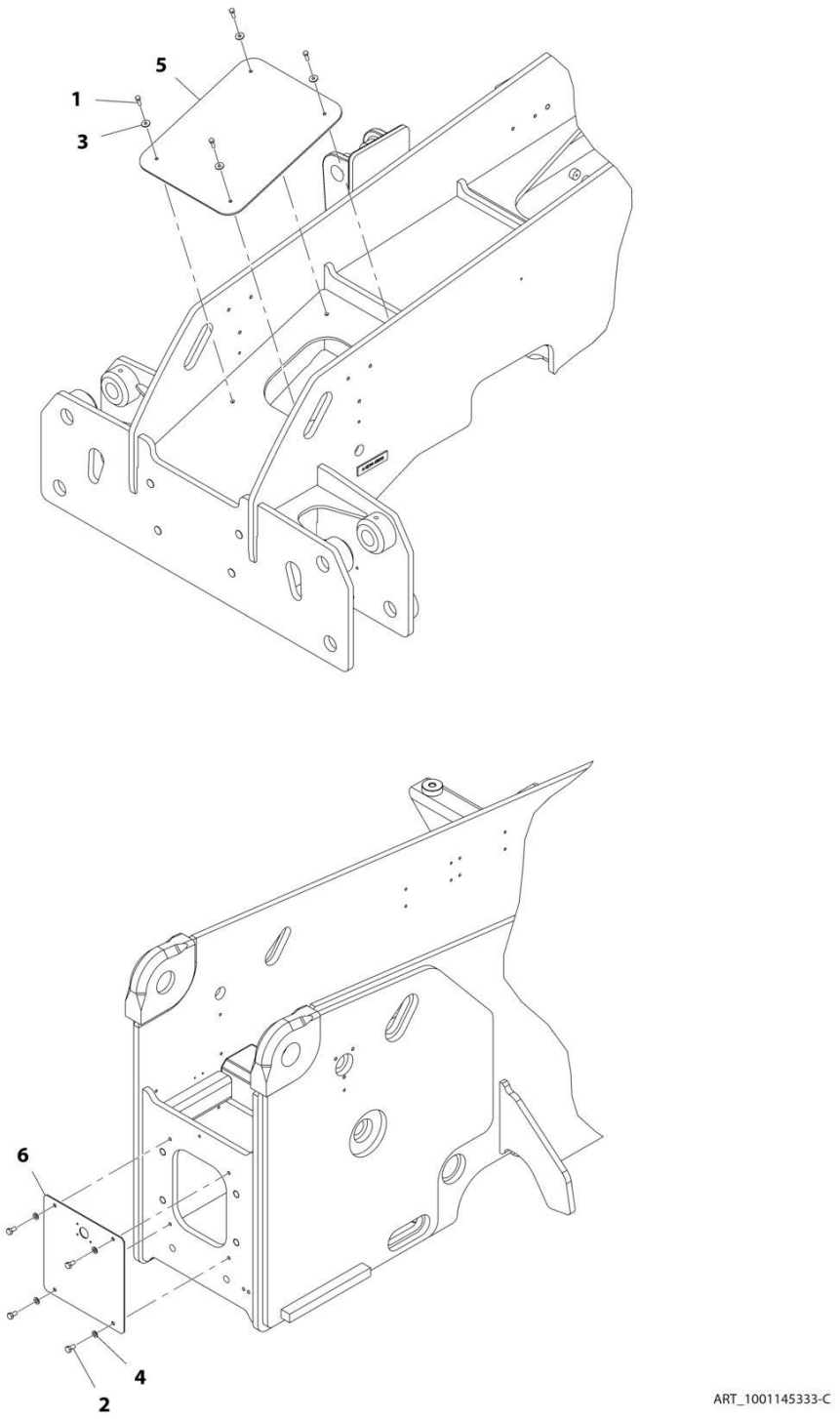


FIGURE 1-15. CHASSIS COVER PLATE INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145333	Ref	Chassis Cover Plate Installation	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 1-16. CHASSIS COVER PLATE INSTALLATION (4017RS)

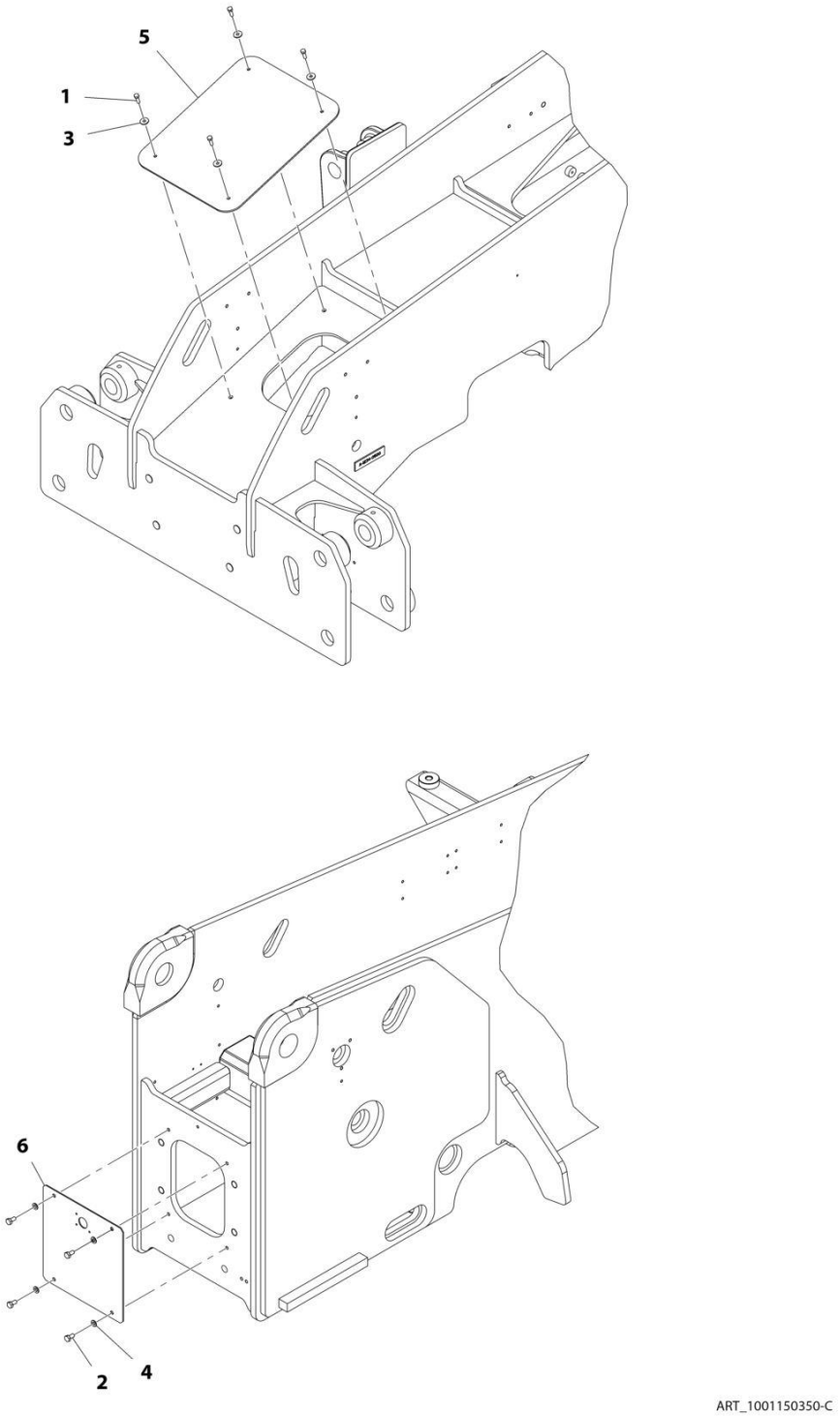


FIGURE 1-16. CHASSIS COVER PLATE INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150350	Ref	Chassis Cover Plate Installation	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 1-17. LICENSE PLATE INSTALLATION

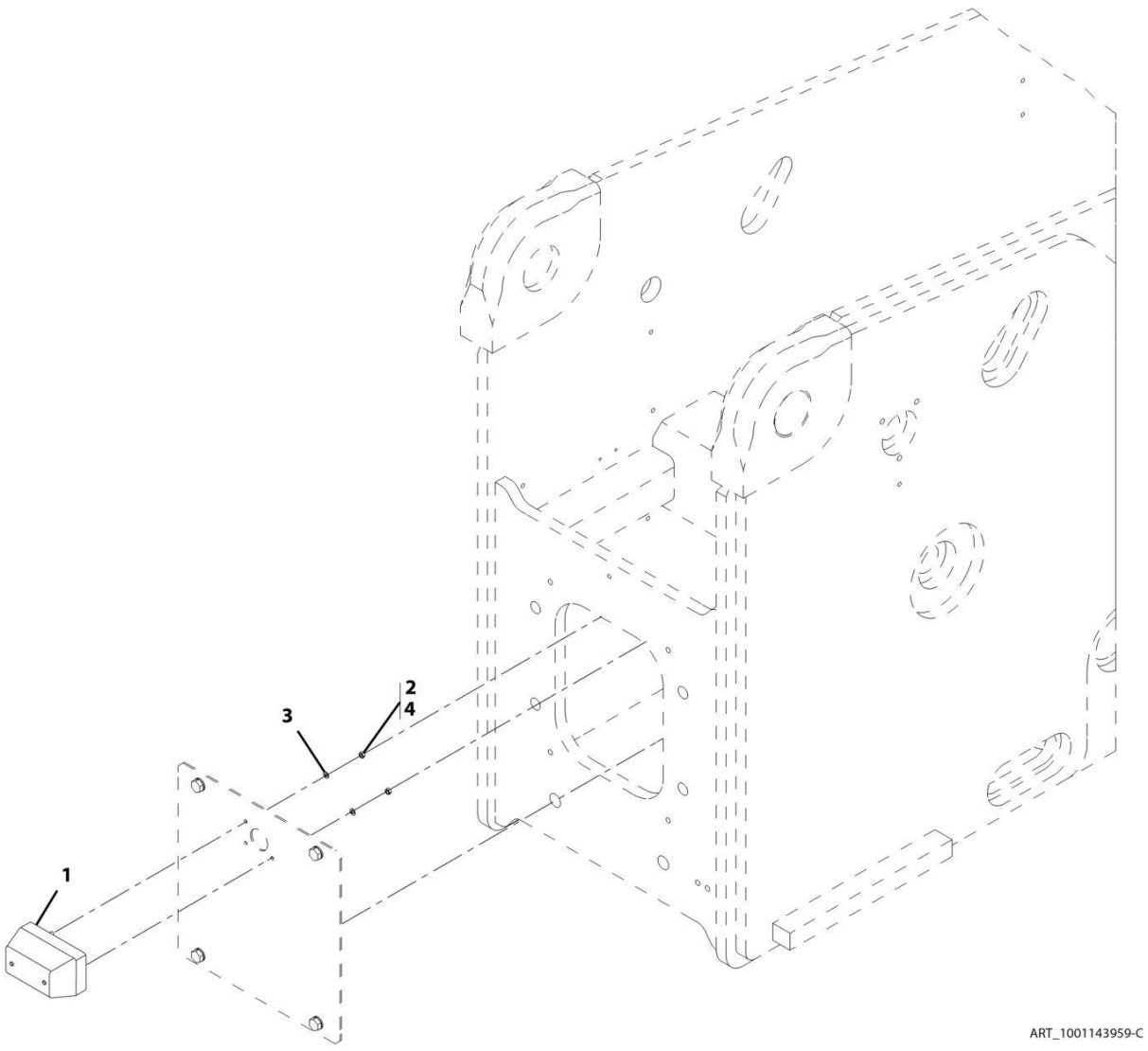


FIGURE 1-17. LICENSE PLATE INSTALLATION

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 1-18. RETRIEVAL HITCH INSTALLATION

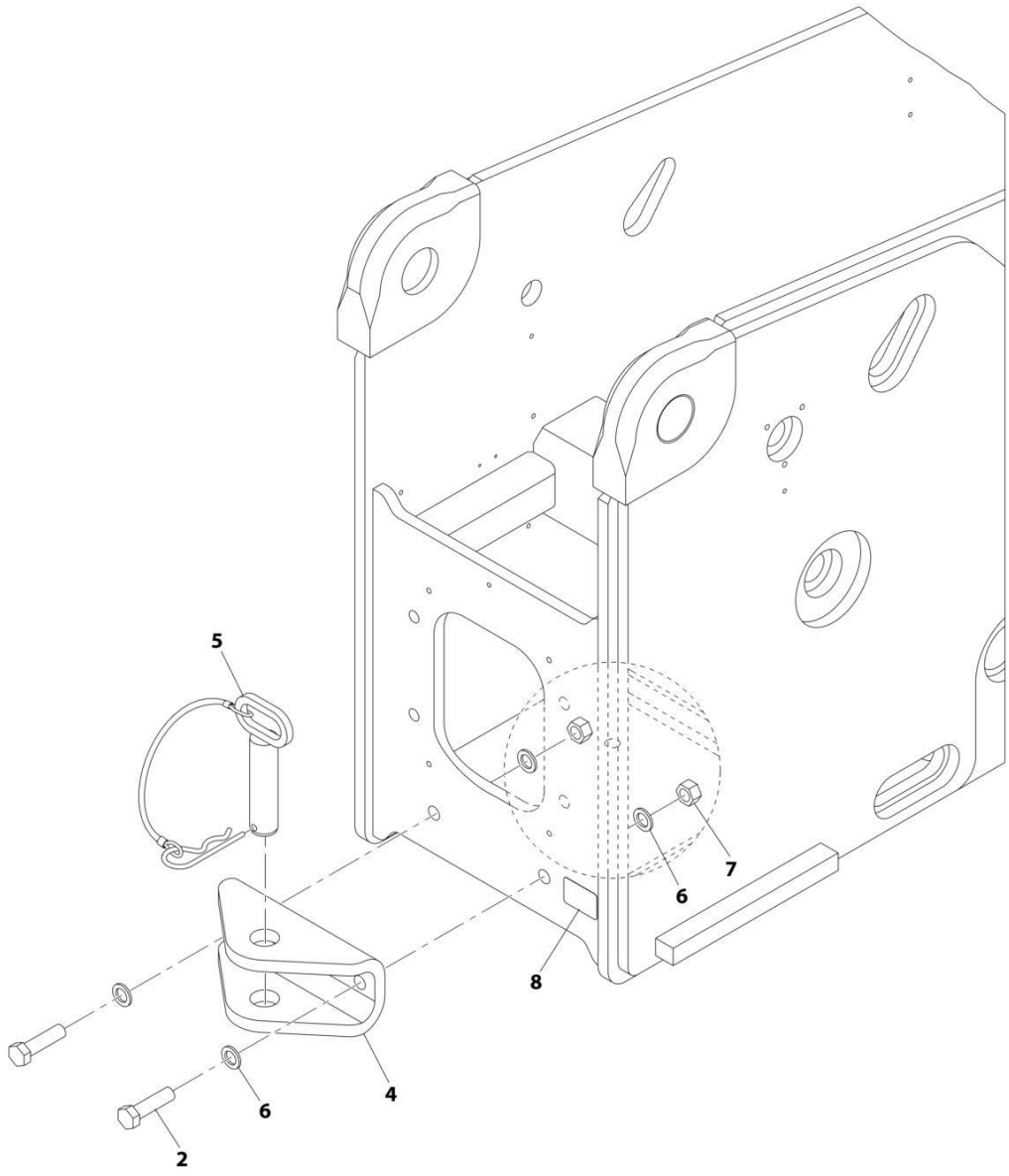


FIGURE 1-18. RETRIEVAL HITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145332	Ref	Hitch Retrieval Installation	D
2	1001151044	2	Bolt, M20X75	
4	1001237489	1	Hitch, Retrieval	
5	1001005267	1	Pin	
6	1001009094	4	Washer	
7	1001009095	2	Nut	
8	1001241674	1	Decal, Retrieval Point	

FIGURE 1-19. HYDRAULIC TANK INSTALLATION

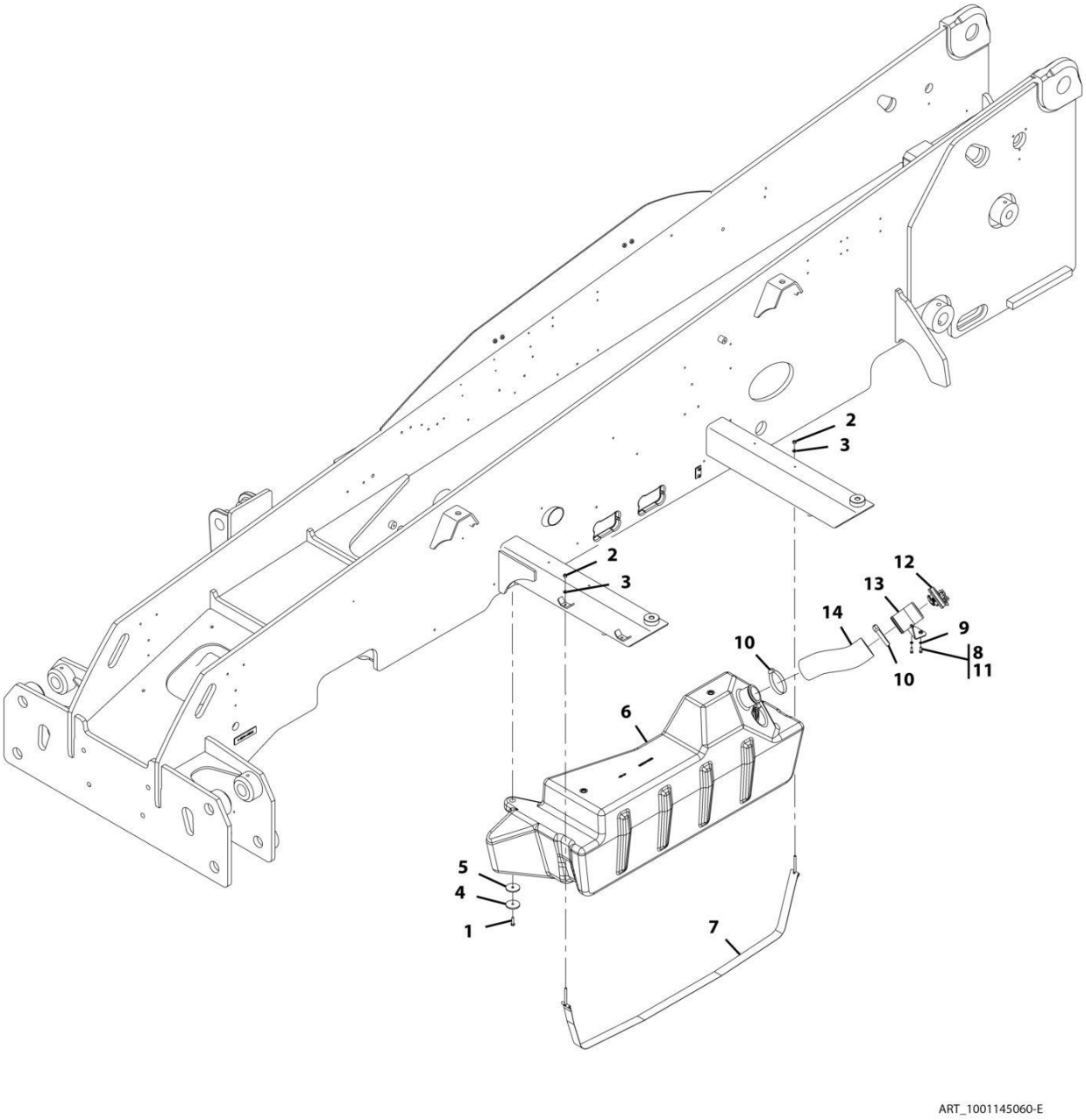
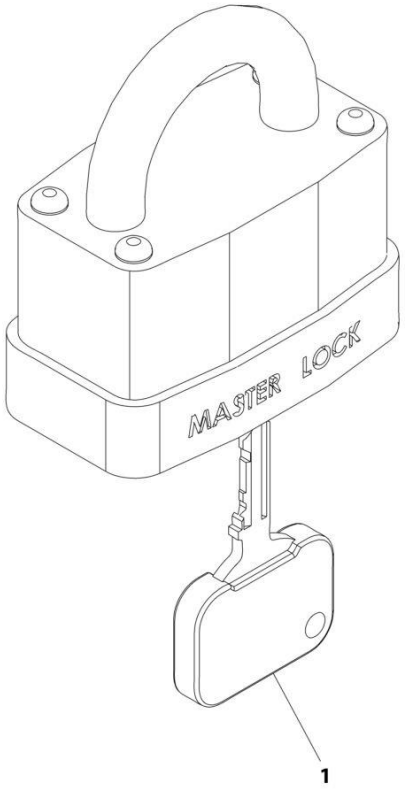


FIGURE 1-19. HYDRAULIC TANK INSTALLATION

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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 1-20. PAD LOCK

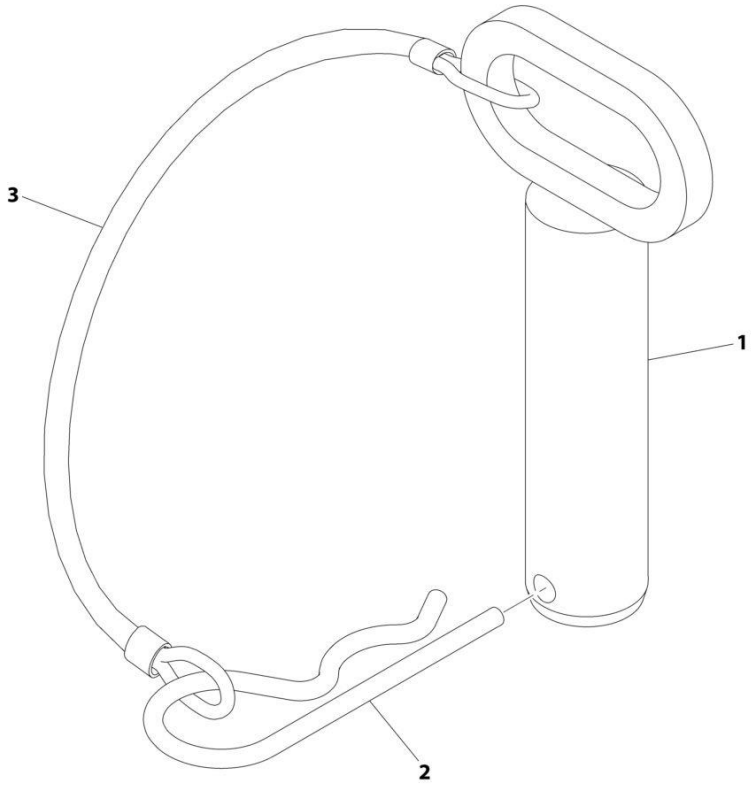


ART_1001102157-A

FIGURE 1-20. PAD LOCK

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

FIGURE 1-21. HITCH PIN ASSEMBLY



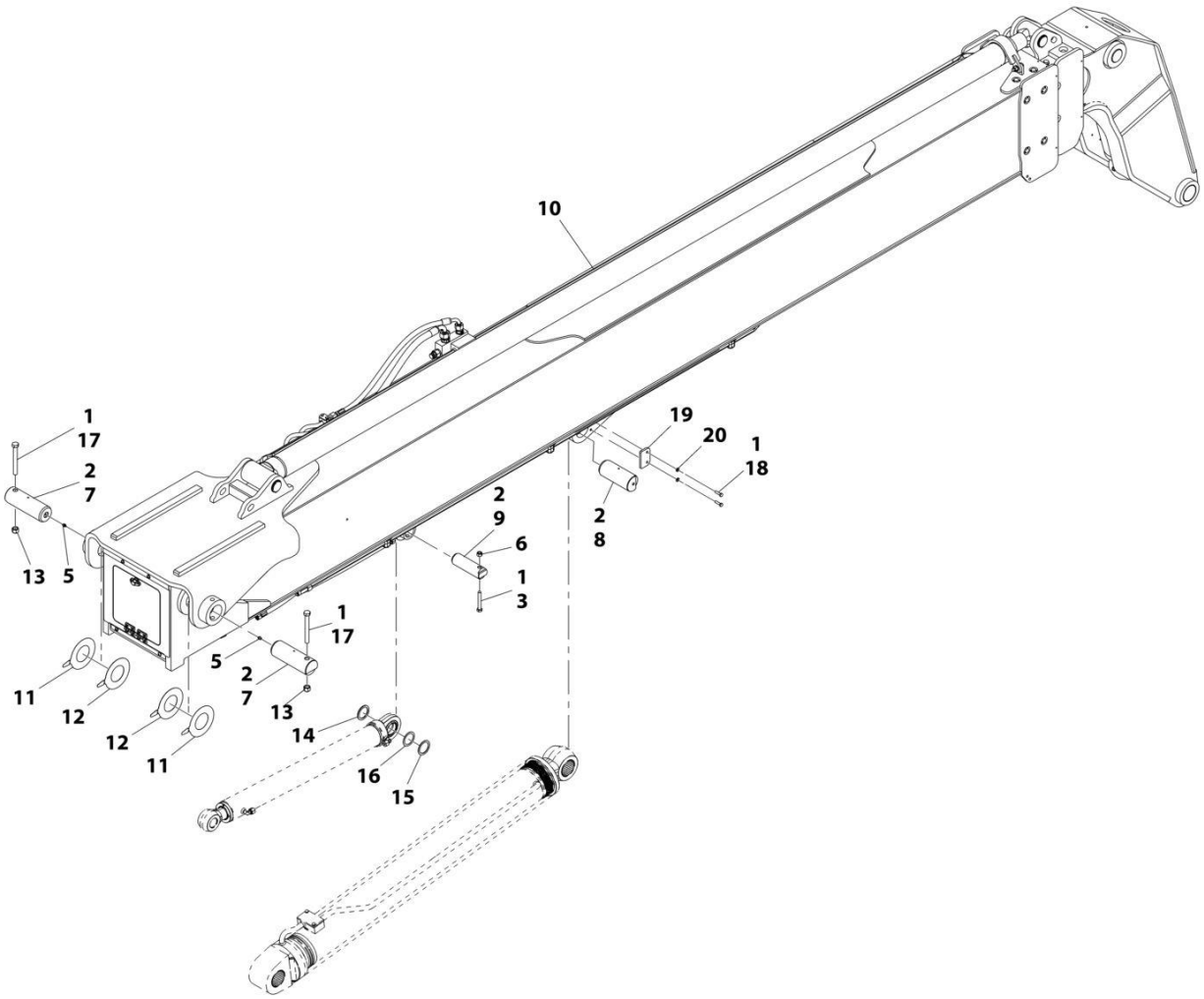
ART_1001238877-A

FIGURE 1-21. 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 (NO AUXILIARY HYDRAULICS) (3614RS)



ART_1001153613-K

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153613	Ref	Boom Installation - 3614RS (no auxiliary hydraulics)	K
1	1001095650	AR	Compound, Locking	
2	1001098457	AR	Lube, Lithium Grease	
3	0711225	1	Bolt, M12X85, Grade 10.9	
5	2160016	2	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 Separate Breakdown in this Section)	
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	2	Bolt, M8X30	
19	1001184996	1	Plate, Pin Keeper	
20	4811900	2	Washer, M8	

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

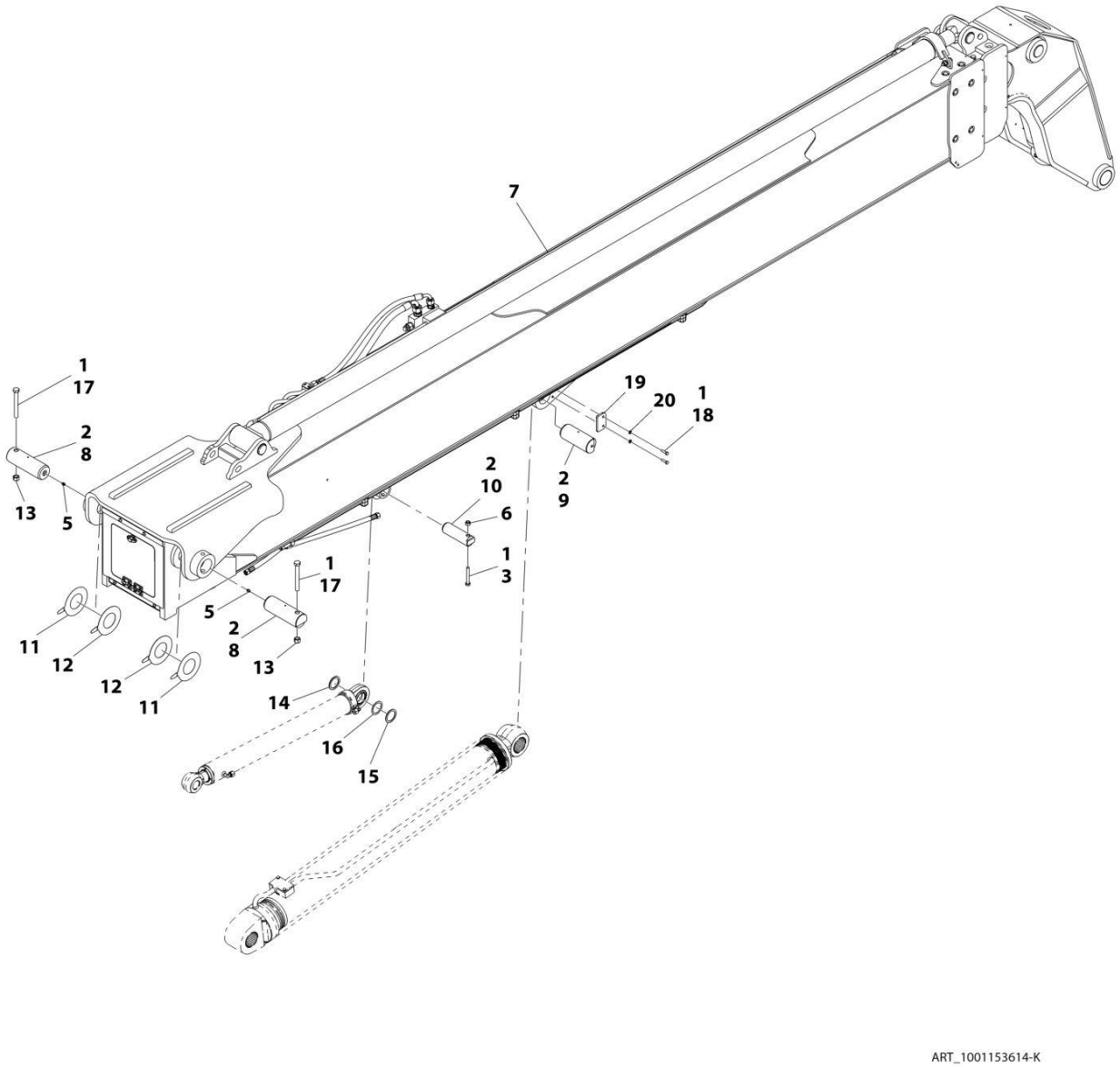


FIGURE 2-2. BOOM INSTALLATION (AUXILIARY HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153614	Ref	Boom Installation (auxiliary hydraulics)	K
1	1001095650	AR	Compound, Locking	
2	1001098457	AR	Lube, Lithium Grease	
3	0711225	1	Bolt, M12X85, Grade 10.9	
5	2160016	2	Fitting, Grease	
6	3291205	1	Nut, Lock, M12X1.75	
7	1001144747	Ref	Assembly, Boom (See Separate Breakdown in this Section)	
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	2	Bolt, M8X30	
19	1001184996	1	Plate, Pin Keeper	
20	4811900	2	Washer, M8	

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

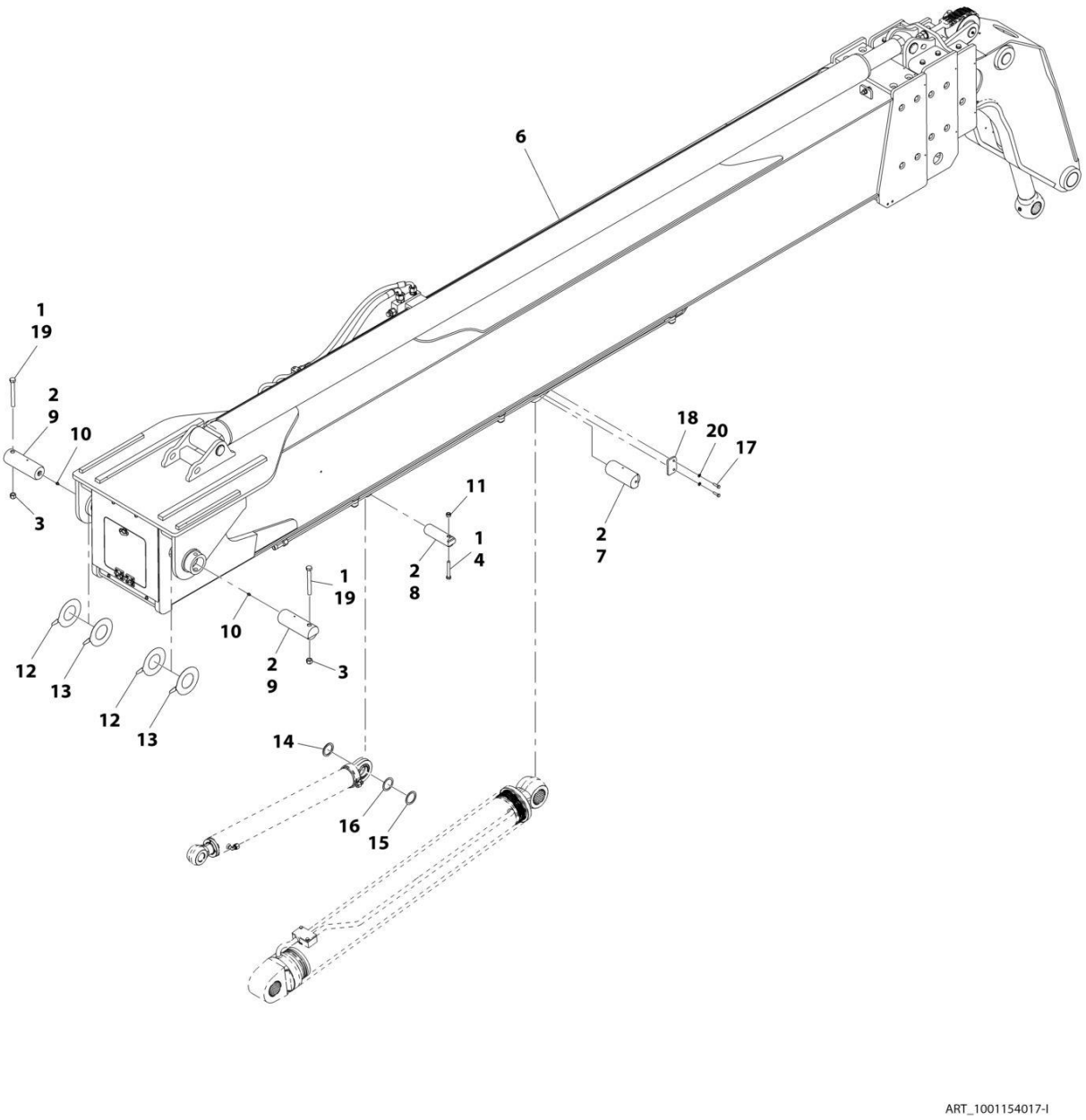


FIGURE 2-3. BOOM INSTALLATION (NO AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154017	Ref	Boom Installation (no auxiliary hydraulics)	I
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 Separate Breakdown in this Section)	
7	1001169068	1	Pin, Lift	
8	1001169040	1	Pin, Compensation	
9	1001168593	2	Pin	
10	2160016	2	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	2	Bolt, M8X30	
18	1001184996	1	Plate, Pin Keeper	
19	0711631	2	Bolt, M16X140, Grade 10.9	
20	4811900	2	Washer, M8	

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

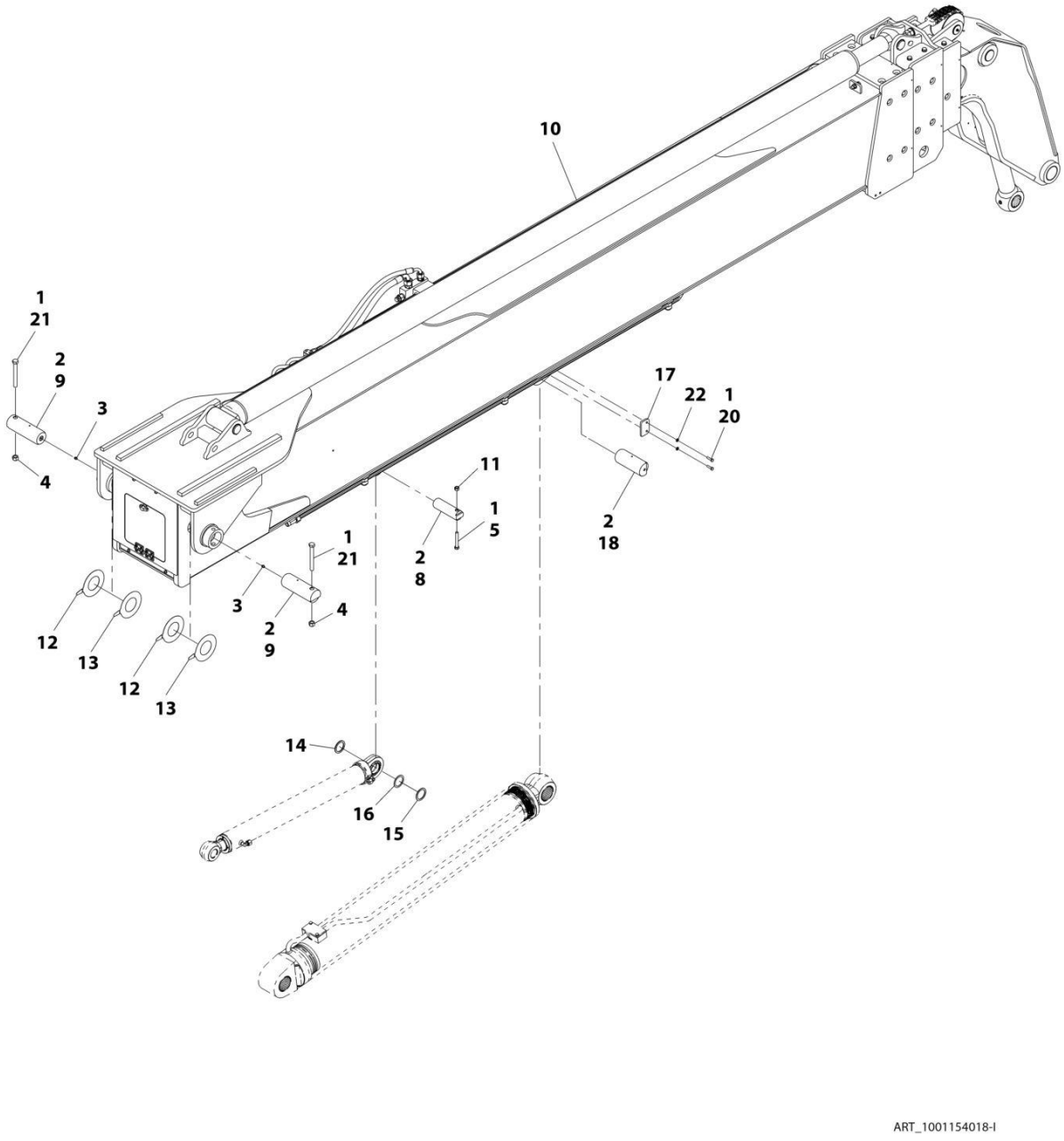


FIGURE 2-4. BOOM INSTALLATION (AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154018	Ref	Boom Installation (auxiliary hydraulics)	I
1	1001095650	AR	Compound, Locking	
2	1001098457	AR	Lube, Lithium Grease	
3	2160016	2	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 Separate Breakdown in this Section)	
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	1	Plate, Pin Keeper	
18	1001169068	1	Pin, Lift	
20	0700814	2	Bolt, M8X30	
21	0711631	2	Bolt, M16X140, Grade 10.9	
22	4811900	2	Washer, M8	

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

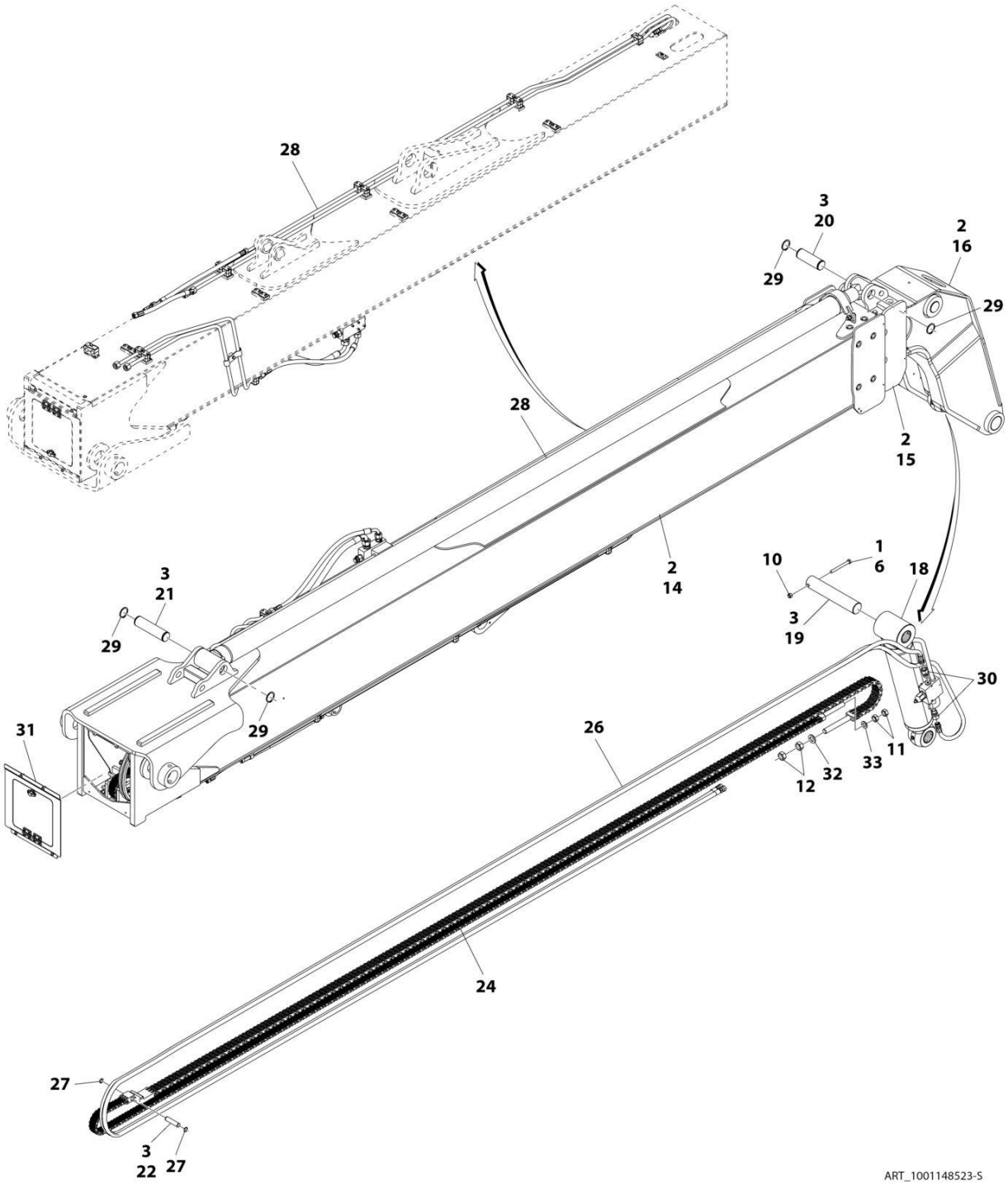


FIGURE 2-5. BOOM ASSEMBLY (NO AUXILIARY HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148523	Ref	Boom Assembly (no auxiliary hydraulics)	S
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 Separate Breakdown in this Section)	
15	1001143352	1	Section, Second Boom (See Separate Breakdown in this Section)	
16	1001143400	1	Section, Third Boom (See Separate Breakdown in this Section)	
18	1001144198	1	Cylinder, Tilt (See Separate Breakdown in this Section)	
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 Separate Breakdown in this Section)	
26	1001180501	1	Hose (3614RS)	
27	1001149581	2	Ring, Snap	
28	1001149652	1	Installation, Boom Hydraulics (See Separate Breakdown in this Section)	
29	3760493	4	Ring, Retaining	
30	2142816	2	Connector, Swivel	
31	1001161951	1	Installation, Cover Plate (See Separate Breakdown in this Section)	
32	4812700	1	Washer, M24	
33	4812500	1	Washer, M20	

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

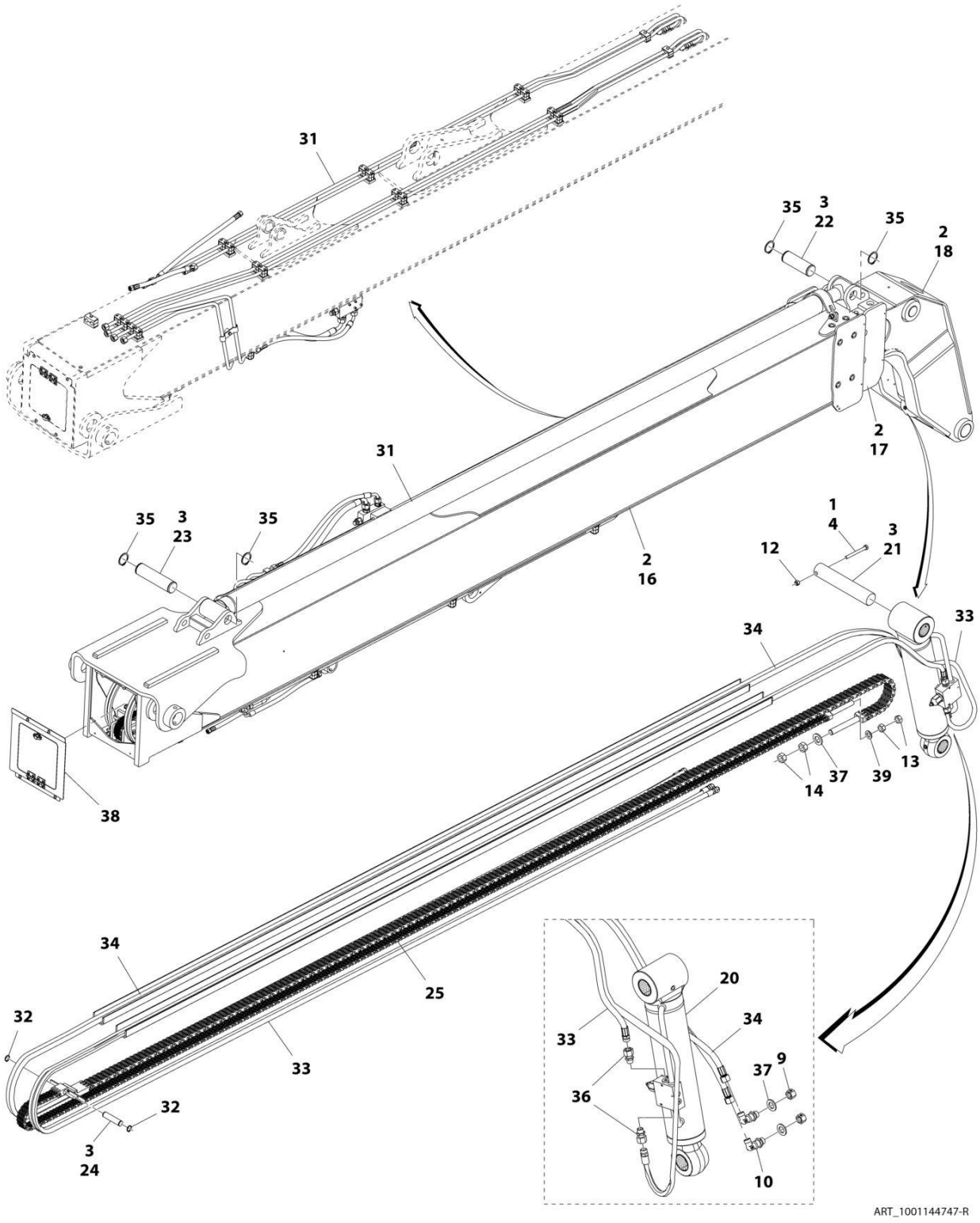


FIGURE 2-6. BOOM ASSEMBLY (AUXILIARY HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144747	Ref	Boom Assembly (auxiliary hydraulics)	R
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 Separate Breakdown in this Section)	
17	1001143352	1	Section, Second Boom (See Separate Breakdown in this Section)	
18	1001143400	1	Section, Third Boom (See Separate Breakdown in this Section)	
20	1001144198	1	Cylinder, Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 Separate Breakdown in this Section)	
31	1001147622	1	Installation, Boom Hydraulics (See Separate Breakdown in this Section)	
32	1001149581	2	Ring, Snap	
33	1001180501	1	Hose (3614RS)	
34	1001180502	1	Hose (auxiliary hydraulics) (3614RS)	
35	3760493	4	Ring, Retaining	
36	2142816	2	Connector, Swivel	
37	4812700	3	Washer, M24	
38	1001161951	1	Installation, Cover Plate (See Separate Breakdown in this Section)	
39	4812500	1	Washer, M20	

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

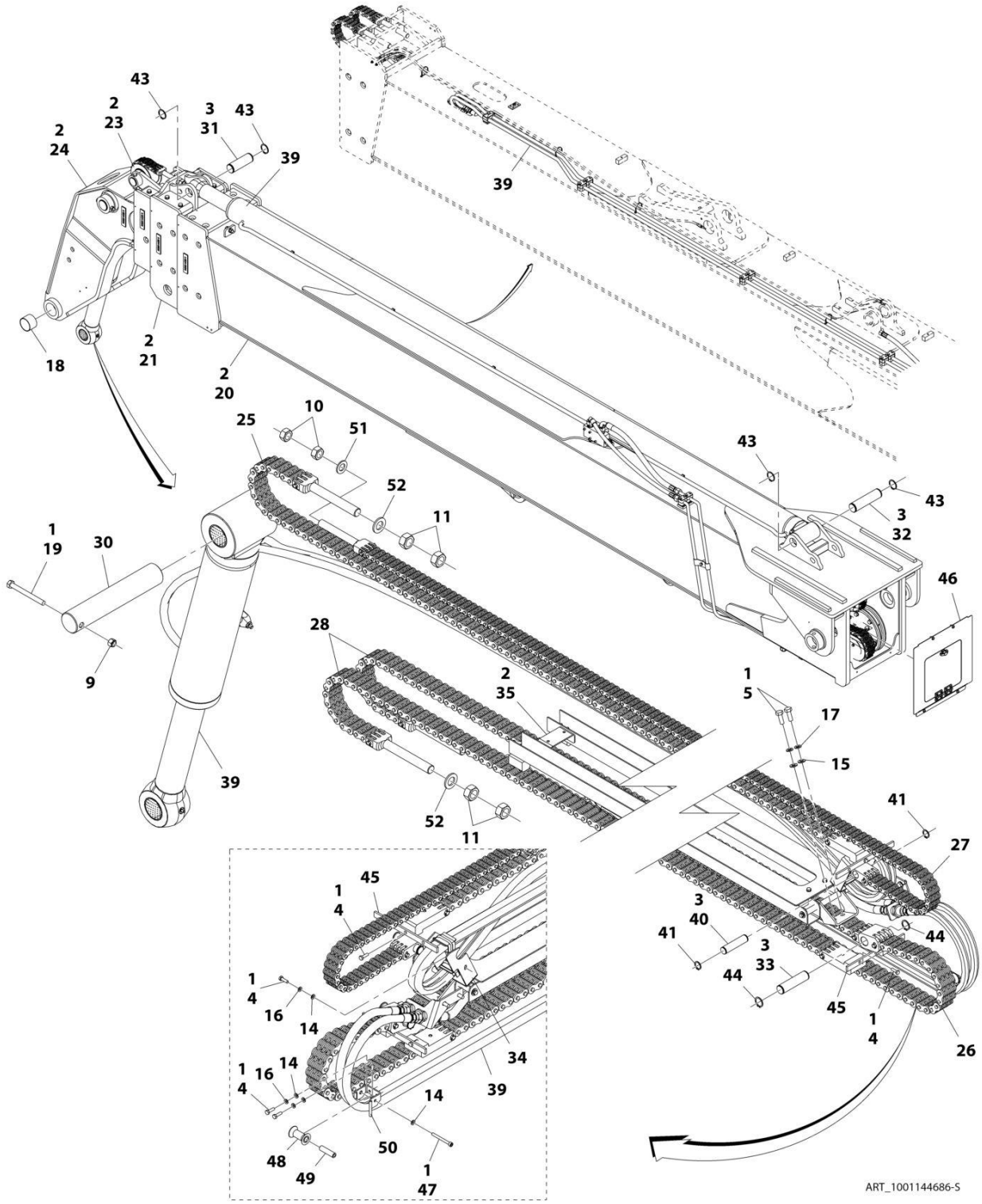


FIGURE 2-7. BOOM ASSEMBLY (NO AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144686	Ref	Boom Assembly - 4017RS (no auxiliary hydraulics)	S
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 Separate Breakdown in this Section)	
21	1001144181	1	Section, Second Boom (See Separate Breakdown in this Section)	
23	1001144218	1	Section, Third Boom (See Separate Breakdown in this Section)	
24	1001144244	1	Section, Fourth Boom (See Separate Breakdown in this Section)	
25	1001144713	1	Assembly, Extend Chain (See Separate Breakdown in this Section)	
26	1001144758	1	Assembly, Retract Chain (See Separate Breakdown in this Section)	
27	1001144771	1	Assembly, Retract Chain (See Separate Breakdown in this Section)	
28	1001144780	2	Assembly, Extend Chain (See Separate Breakdown in this Section)	
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 Separate Breakdown in this Section)	
39	1001149653	1	Installation, Boom Hydraulics (See Separate Breakdown in this Section)	
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 Separate Breakdown in this Section)	
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	
52	4812700	4	Washer, M24	

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

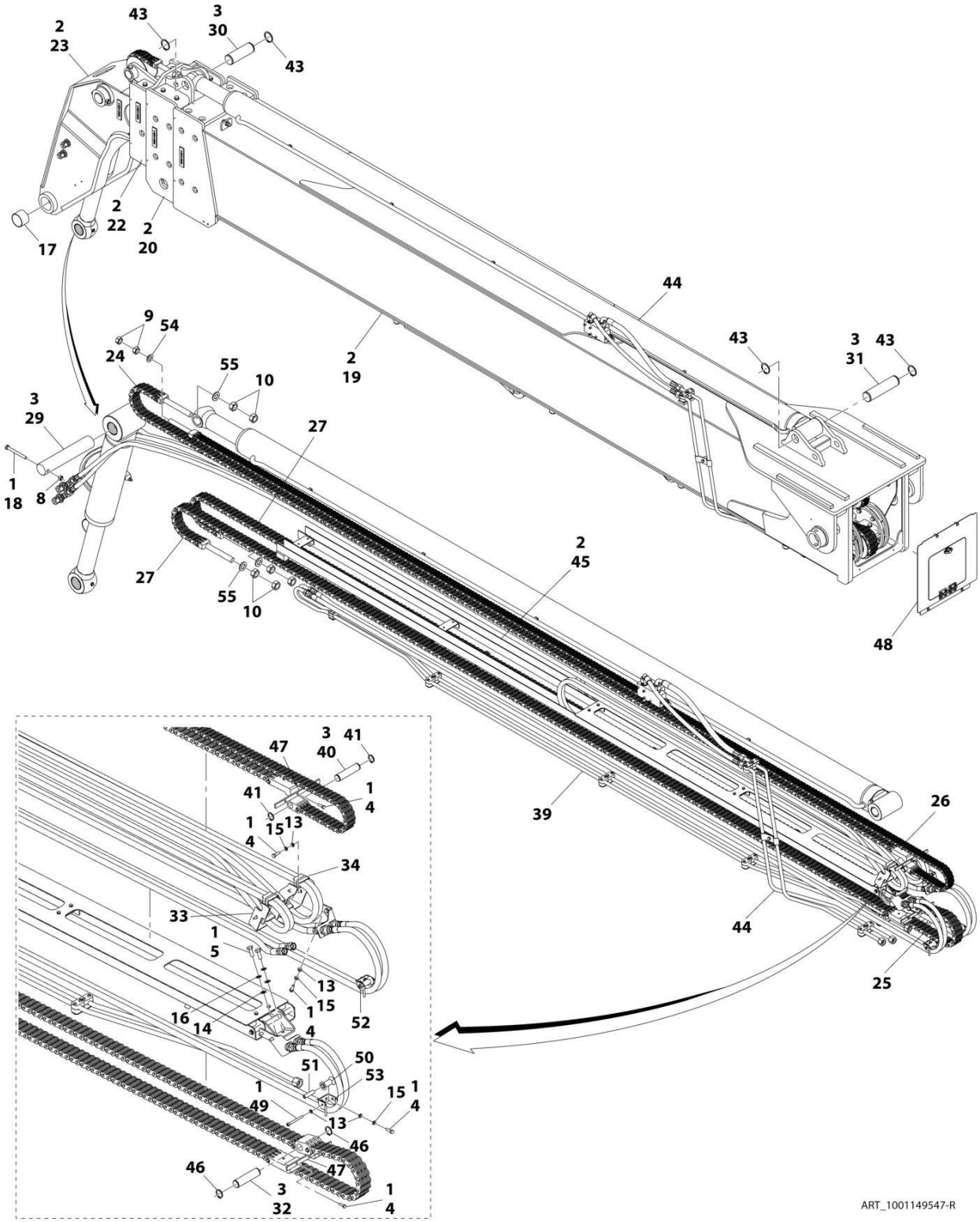


FIGURE 2-8. BOOM ASSEMBLY (AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149547	Ref	Boom Assembly (auxiliary hydraulics)	R
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 Separate Breakdown in this Section)	
20	1001144181	1	Section, Second Boom (See Separate Breakdown in this Section)	
22	1001144218	1	Section, Third Boom (See Separate Breakdown in this Section)	
23	1001144244	1	Section, Fourth Boom (See Separate Breakdown in this Section)	
24	1001144713	1	Assembly, Extend Chain (See Separate Breakdown in this Section)	
25	1001144758	1	Assembly, Retract Chain (See Separate Breakdown in this Section)	
26	1001144771	1	Assembly, Retract Chain (See Separate Breakdown in this Section)	
27	1001144780	2	Assembly, Extend Chain (See Separate Breakdown in this Section)	
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 Separate Breakdown in this Section)	
40	1001149555	1	Pin, Clevis	
41	1001149581	2	Ring, Snap	
43	3760493	4	Ring, Retaining	
44	1001149653	1	Installation, Boom Hydraulics (See Separate Breakdown in this Section)	
45	1001151879	1	Assembly, Hose Support (See Separate Breakdown in this Section)	
46	1001155805	2	Ring, Snap	
47	1001156947	2	Plate, Clevis	
48	1001165887	1	Installation, Cover Plate (See Separate Breakdown in this Section)	
49	4031716	2	Bolt, M6X60	
50	1001174034	2	Pulley, Hose Sheave	
51	1001174036	2	Spindle, Hose Sheave	
52	1001174042	1	Bracket, Hose Pulley	
53	1001175475	1	Bracket, Hose Pulley	
54	4812500	1	Washer, M20	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	4812700	4	Washer, M24	

FIGURE 2-9. EXTEND CHAIN ASSEMBLY (3614RS)

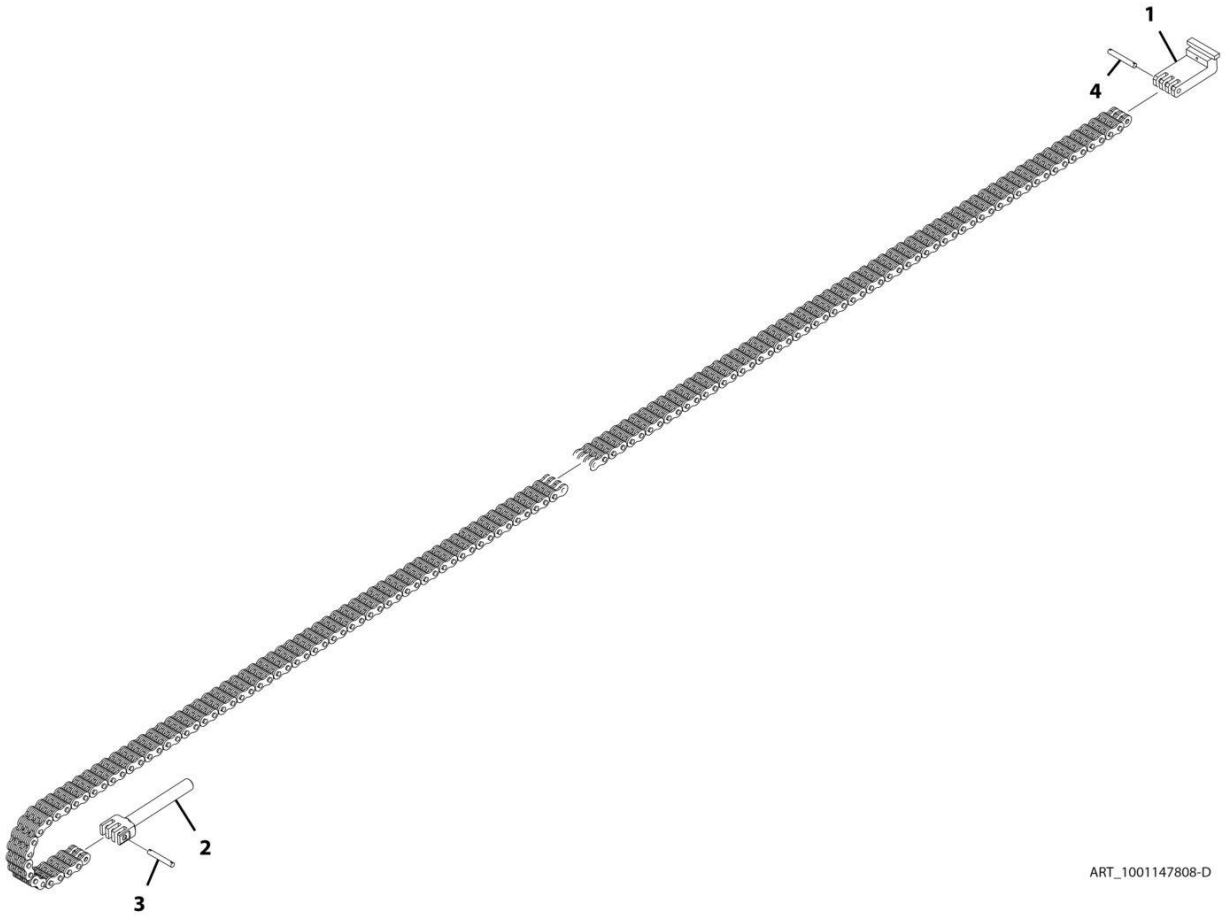


FIGURE 2-9. EXTEND CHAIN ASSEMBLY (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147808	Ref	Extend Chain Assembly	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)

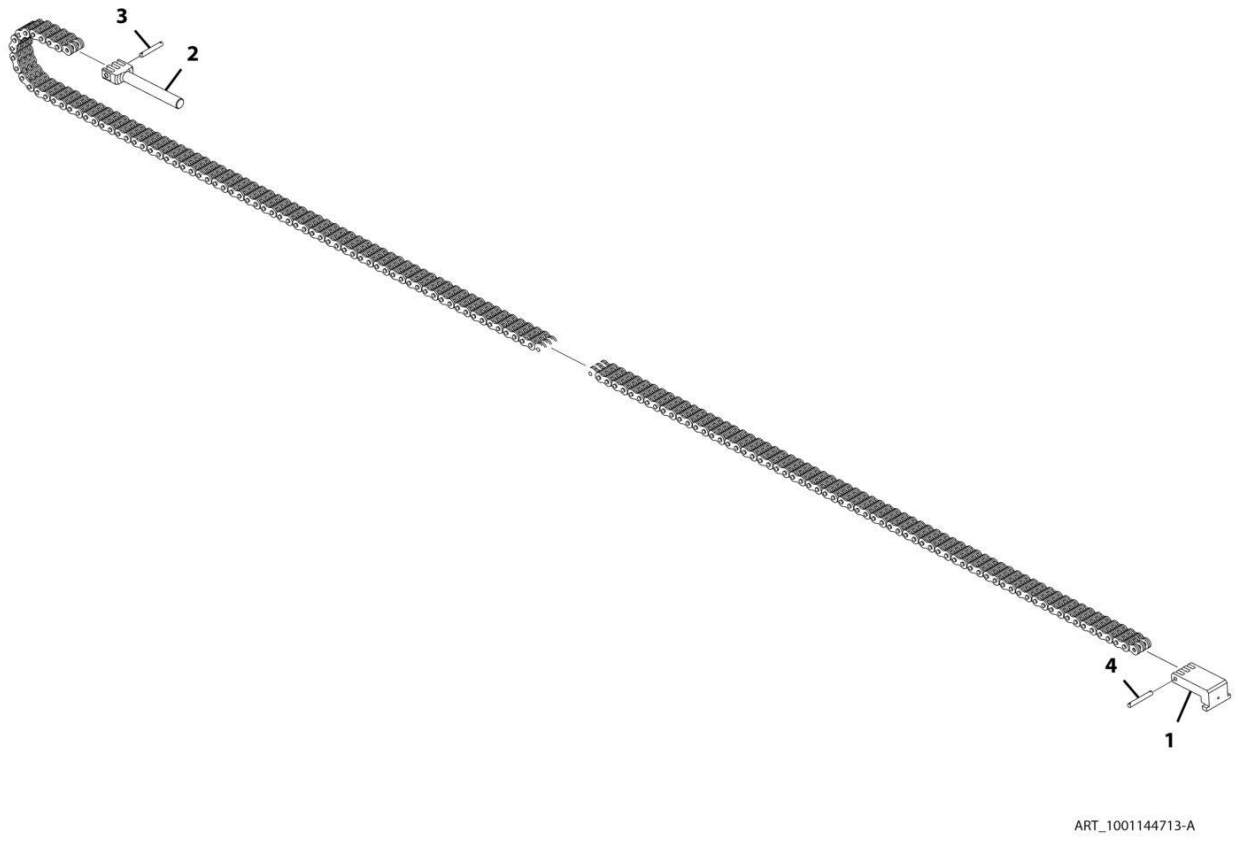


FIGURE 2-10. EXTEND CHAIN ASSEMBLY (1) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144713	Ref	Extend Chain Assembly	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	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)

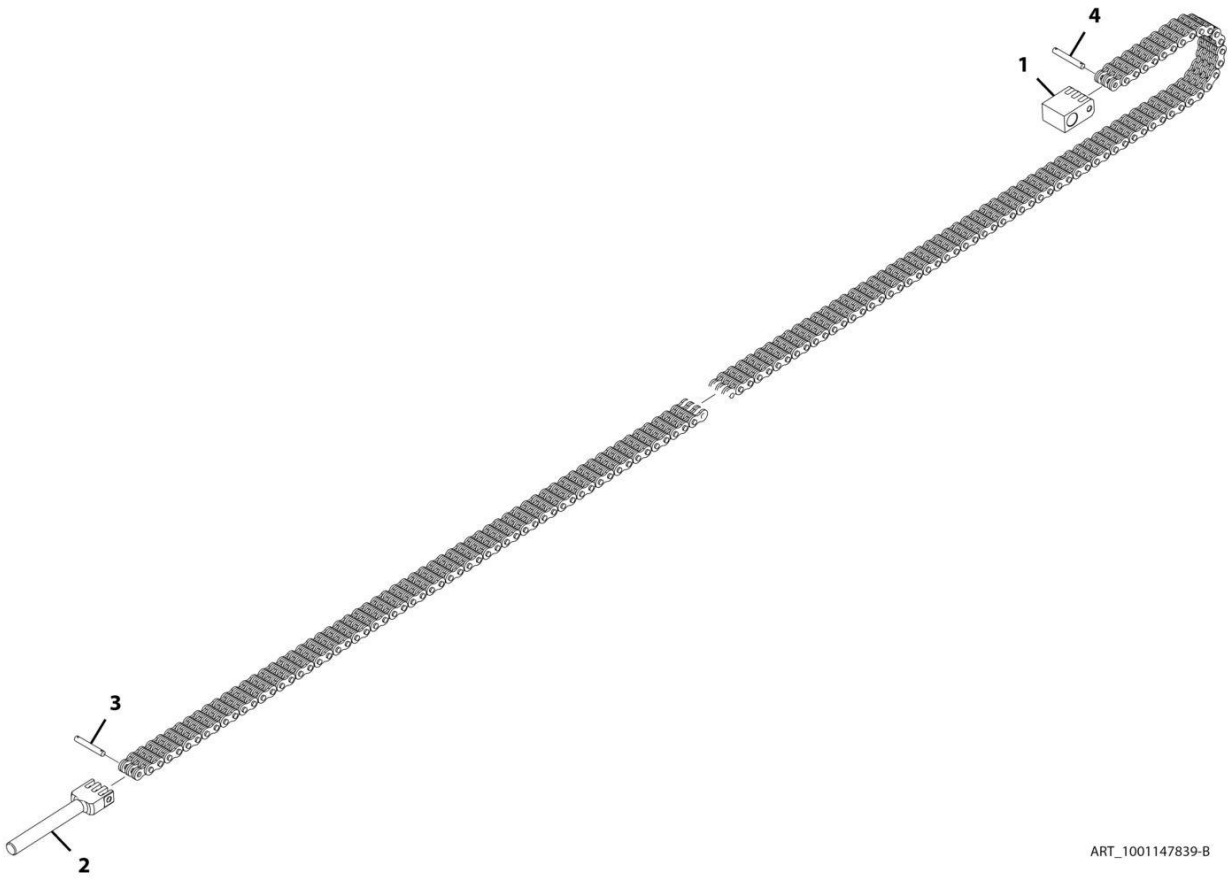


FIGURE 2-12. RETRACT CHAIN ASSEMBLY (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147839	Ref	Retract Chain Assembly	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)

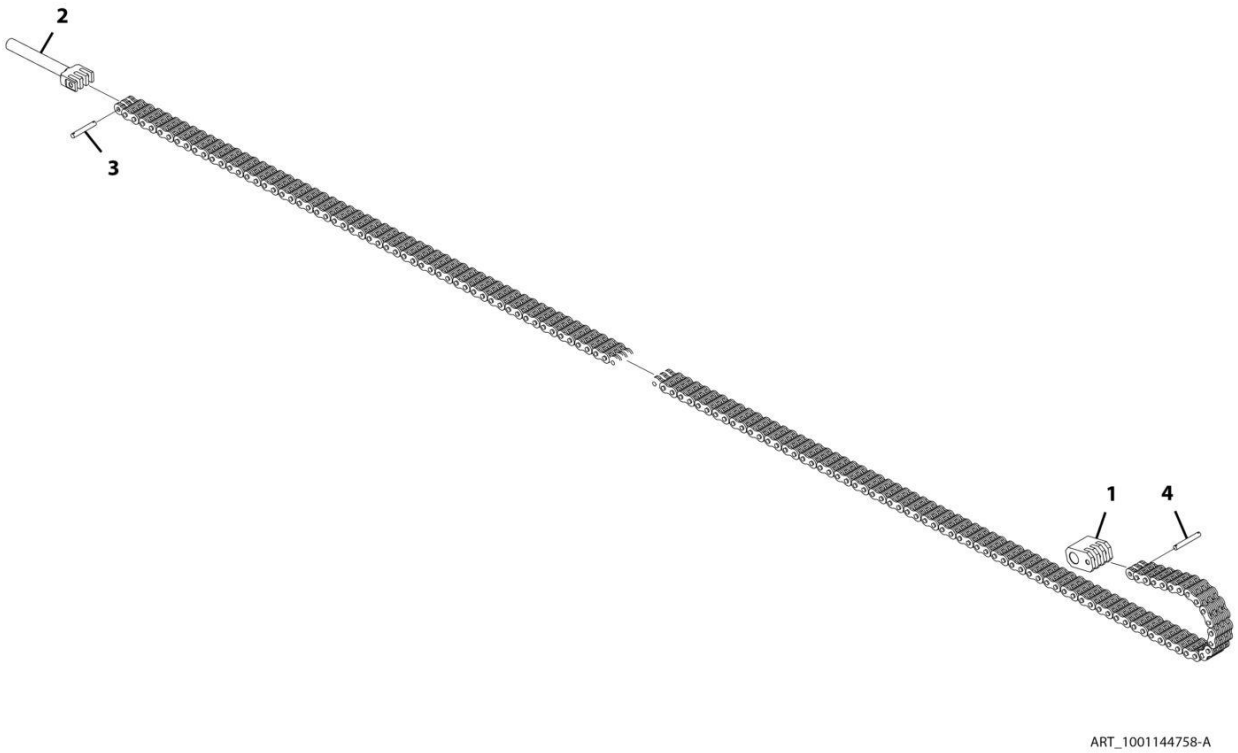


FIGURE 2-13. RETRACT CHAIN ASSEMBLY (1) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144758	Ref	Retract Chain Assembly	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)

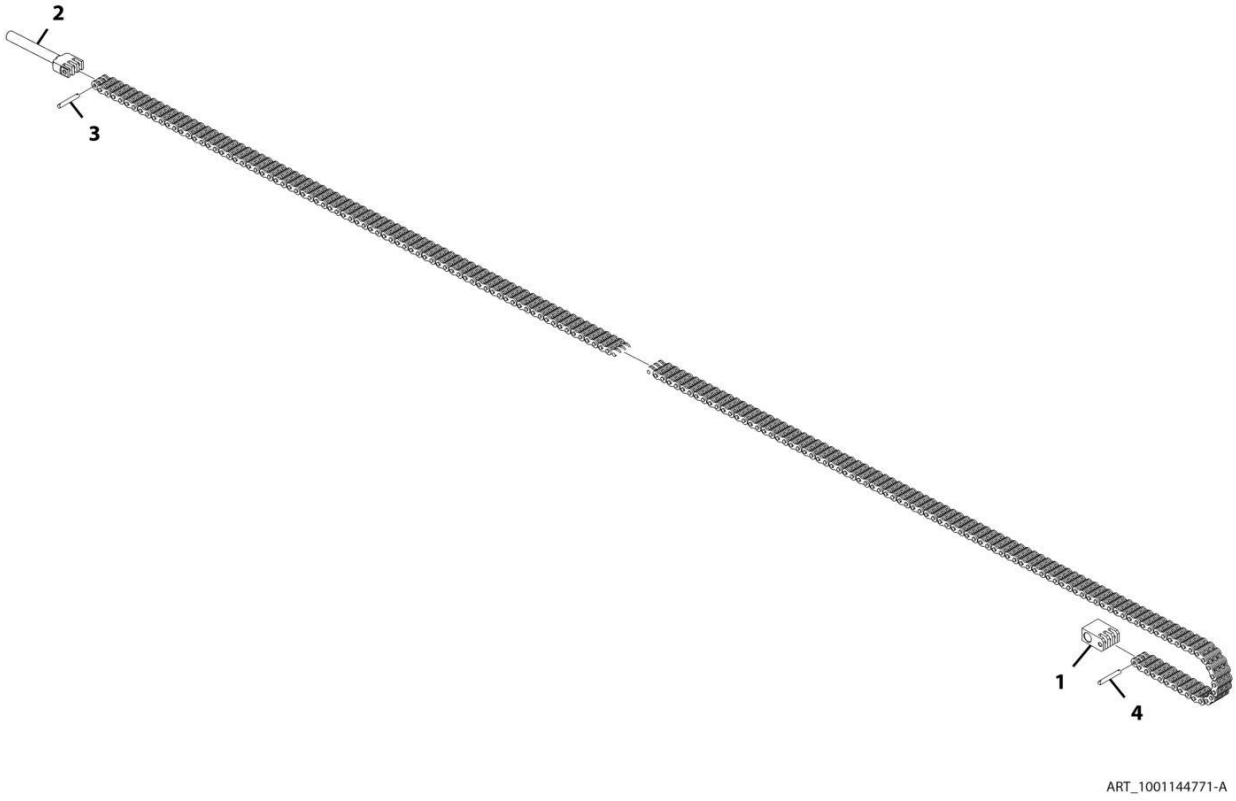


FIGURE 2-14. RETRACT CHAIN ASSEMBLY (2) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144771	Ref	Retract Chain Assembly	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)

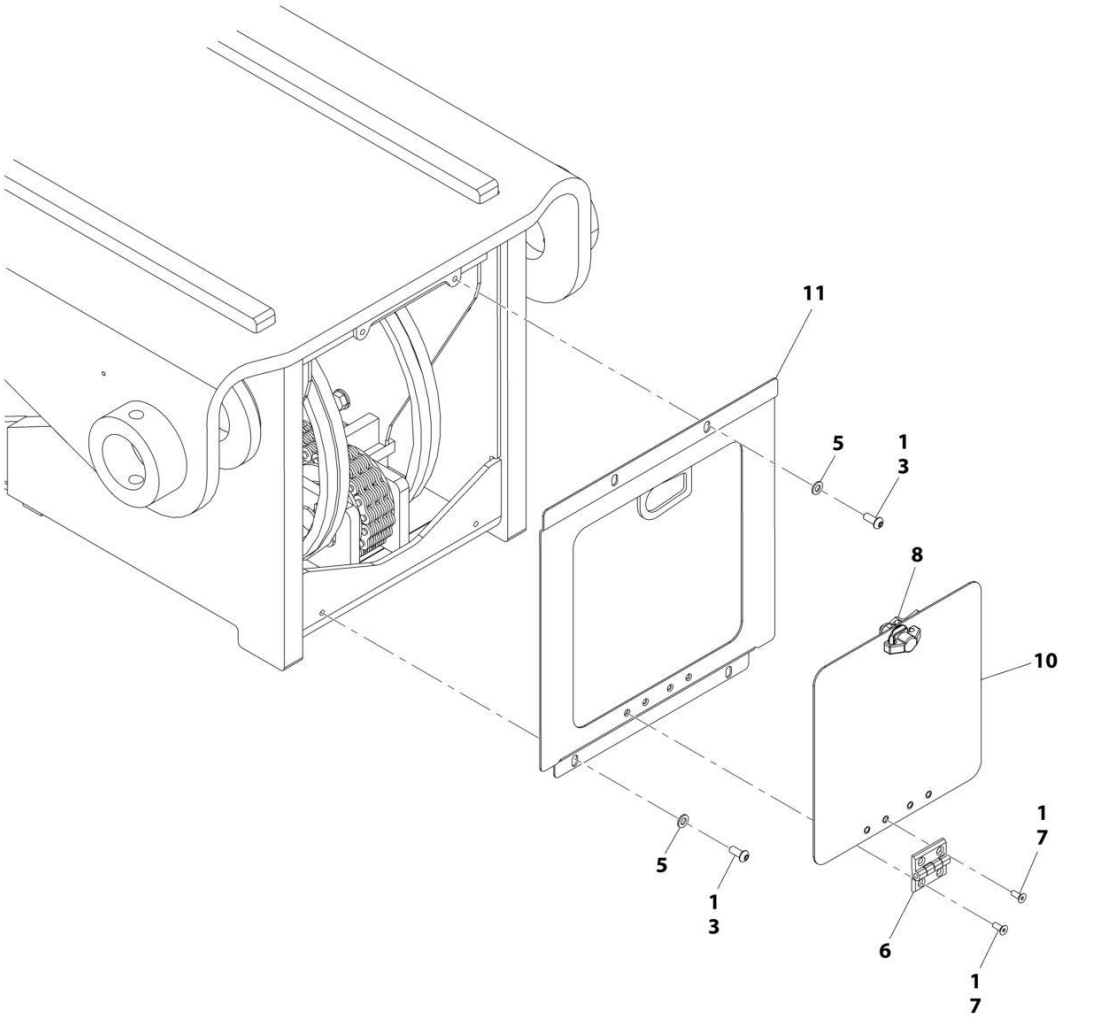


FIGURE 2-15. COVER PLATE INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161951	Ref	Cover Plate Installation	E
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	1001189957J	1	Bracket, Cover	

FIGURE 2-16. COVER PLATE INSTALLATION (4017RS)

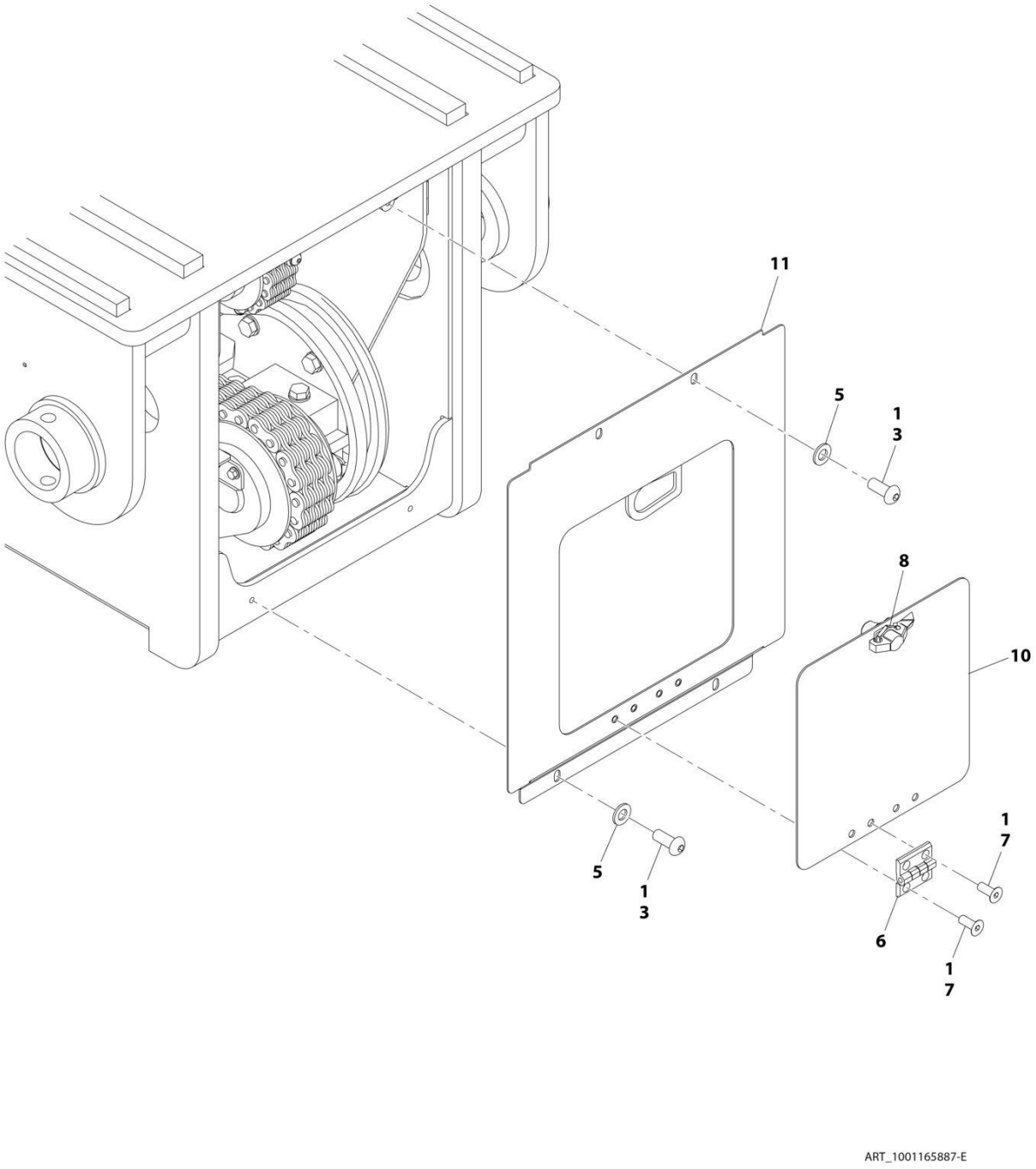


FIGURE 2-16. COVER PLATE INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165887	Ref	Cover Plate Installation	E
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)

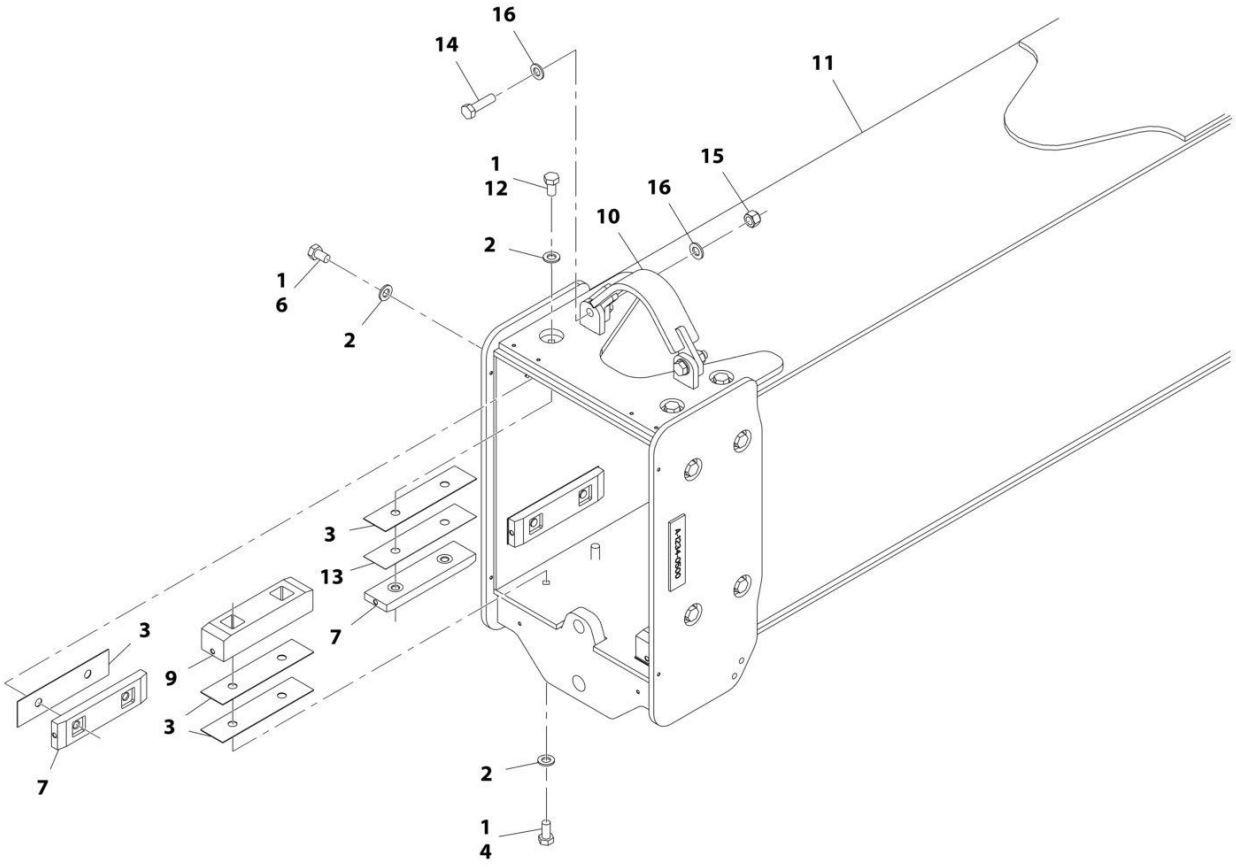


FIGURE 2-17. FIRST BOOM SECTION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143146	Ref	First Boom Section	O
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)

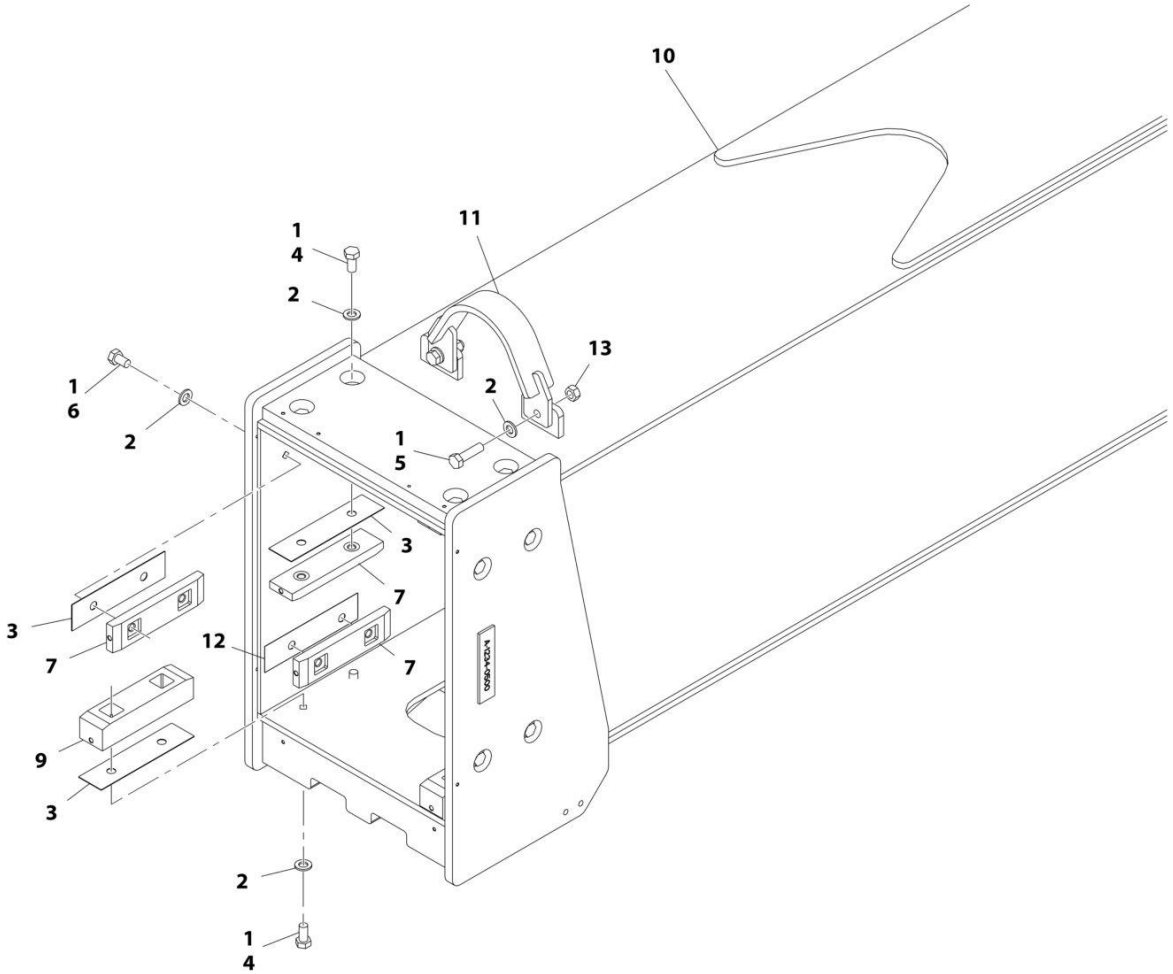


FIGURE 2-18. FIRST BOOM SECTION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144158	Ref	First Boom Section	N
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)

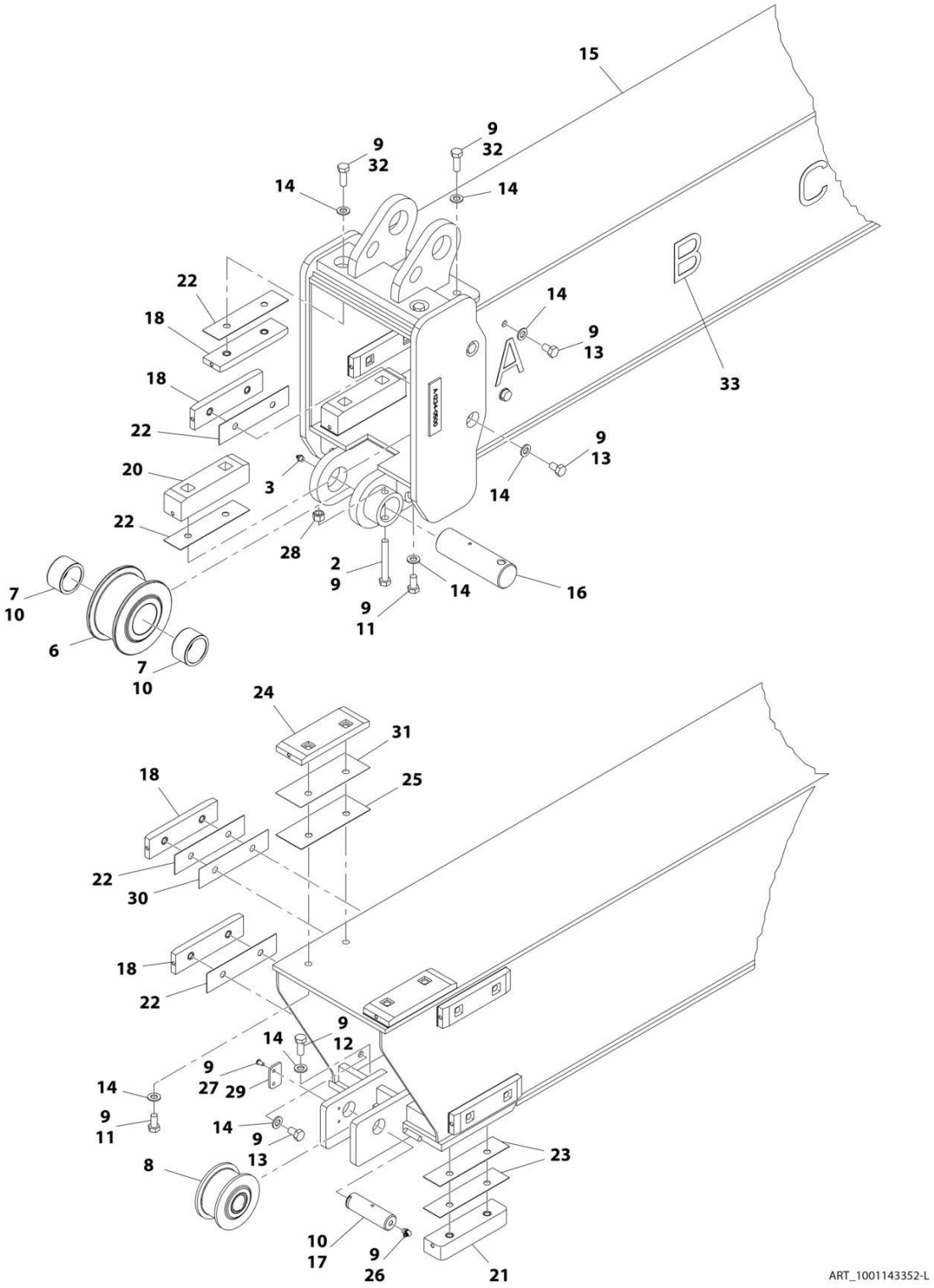
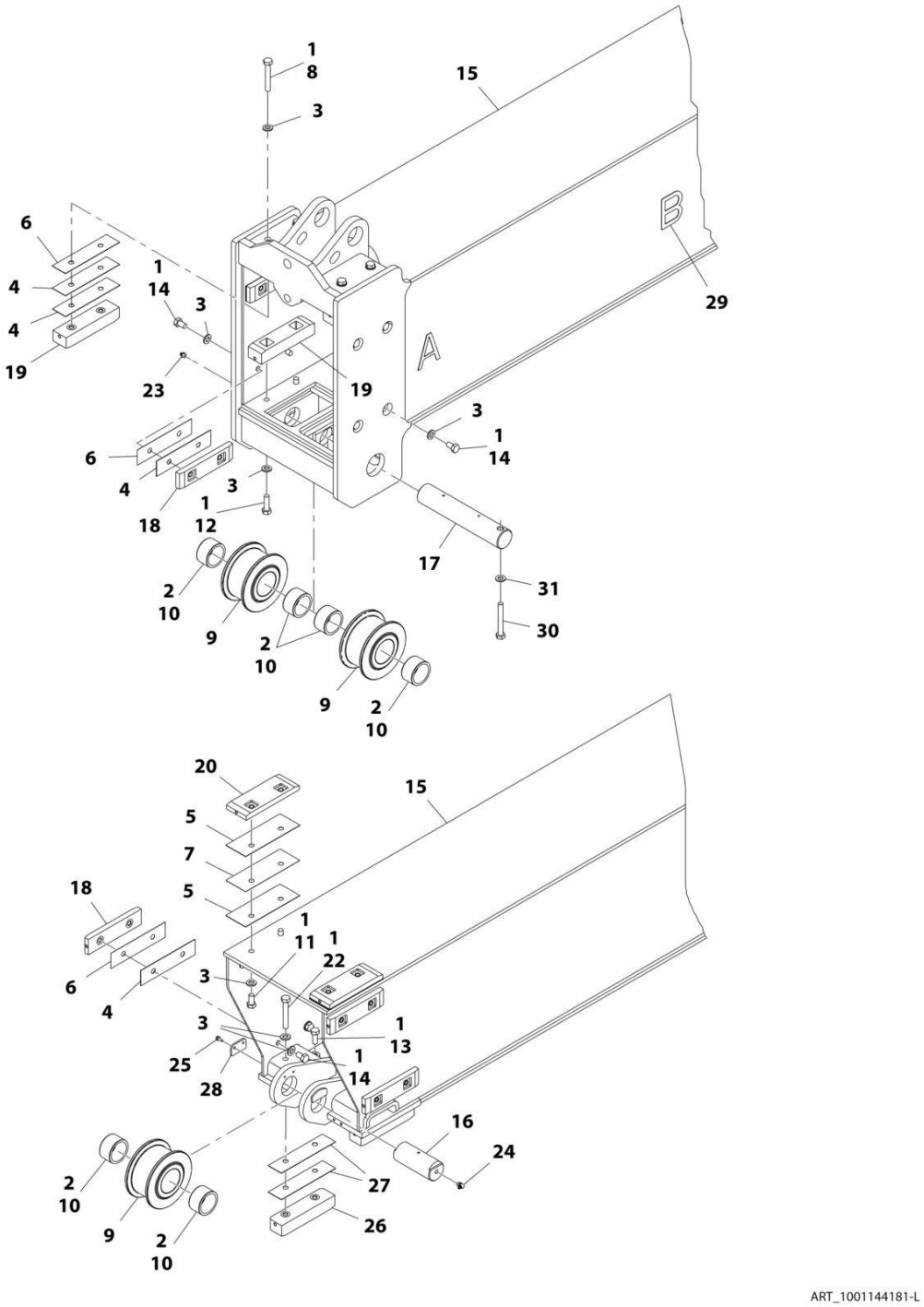


FIGURE 2-19. SECOND BOOM SECTION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143352	Ref	Second Boom Section	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 Separate Breakdown in DECAL Section)	

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	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 Separate Breakdown in DECAL Section)	
30	0711226	1	Screw, M12X90	
31	4812100	1	Washer, M12	

FIGURE 2-21. THIRD BOOM SECTION (3614RS)

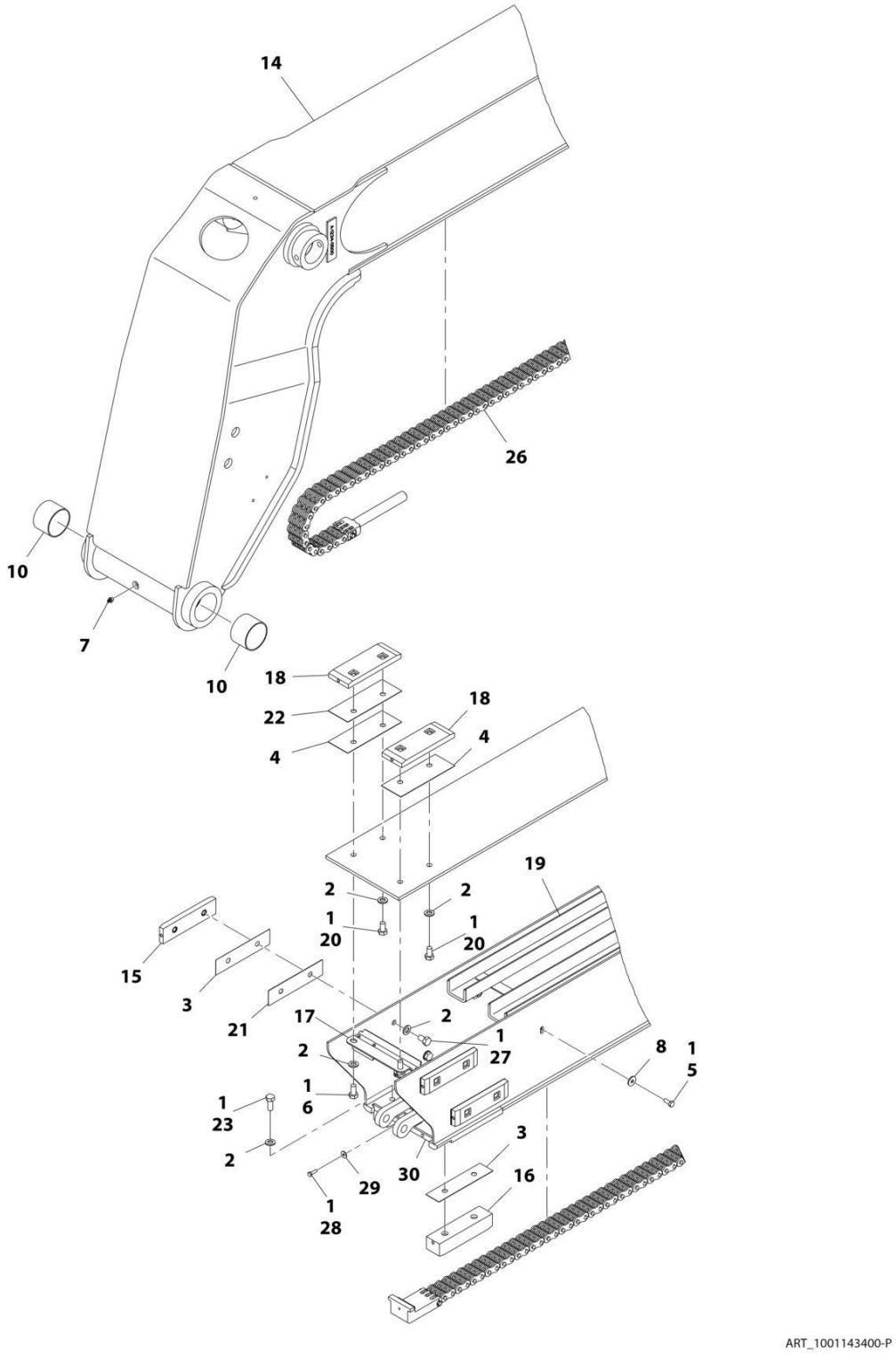


FIGURE 2-21. THIRD BOOM SECTION (3614RS)

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 Separate Breakdown in this Section)	
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)

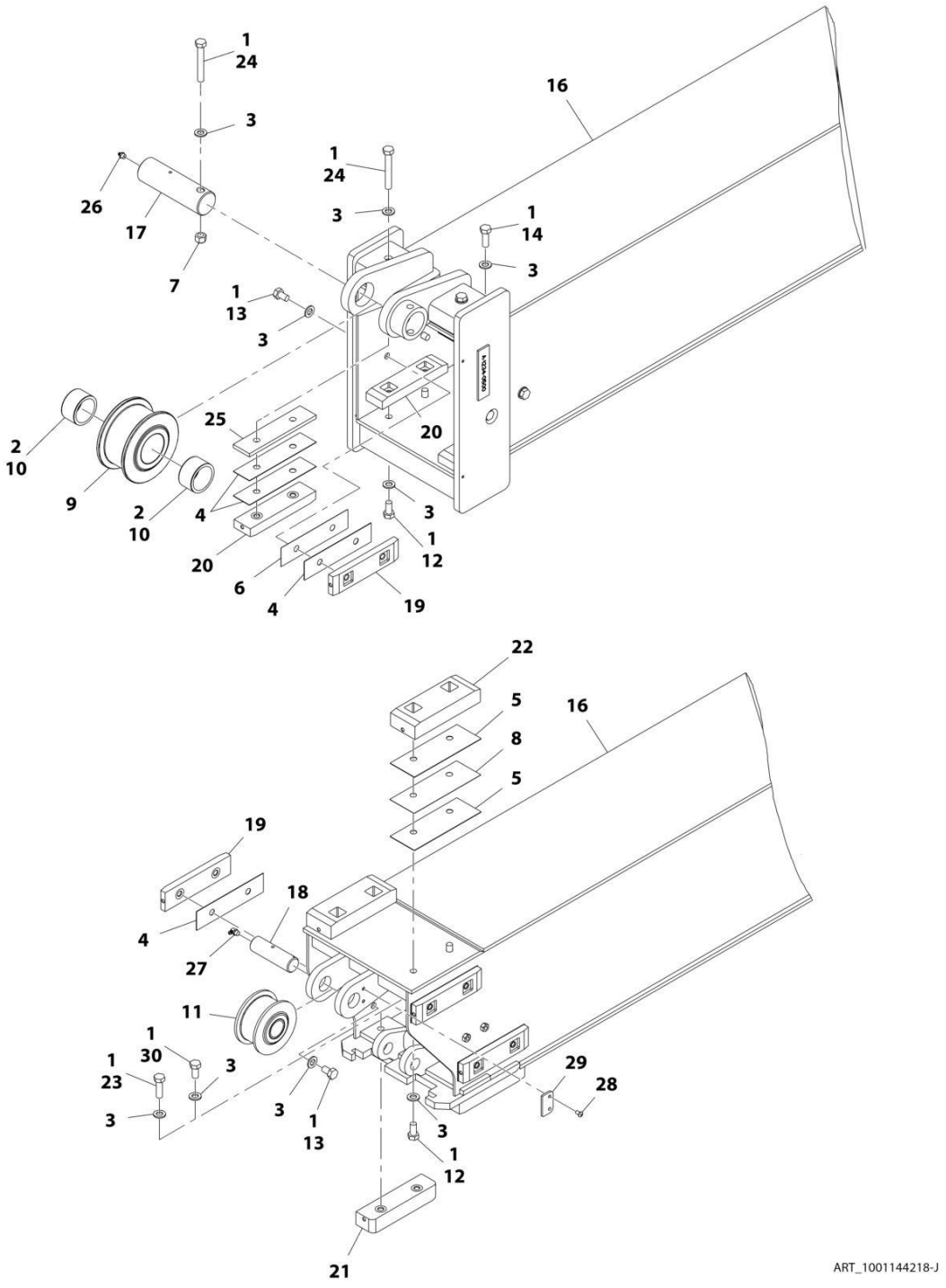


FIGURE 2-22. THIRD BOOM SECTION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144218	Ref	Third Boom Section	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)

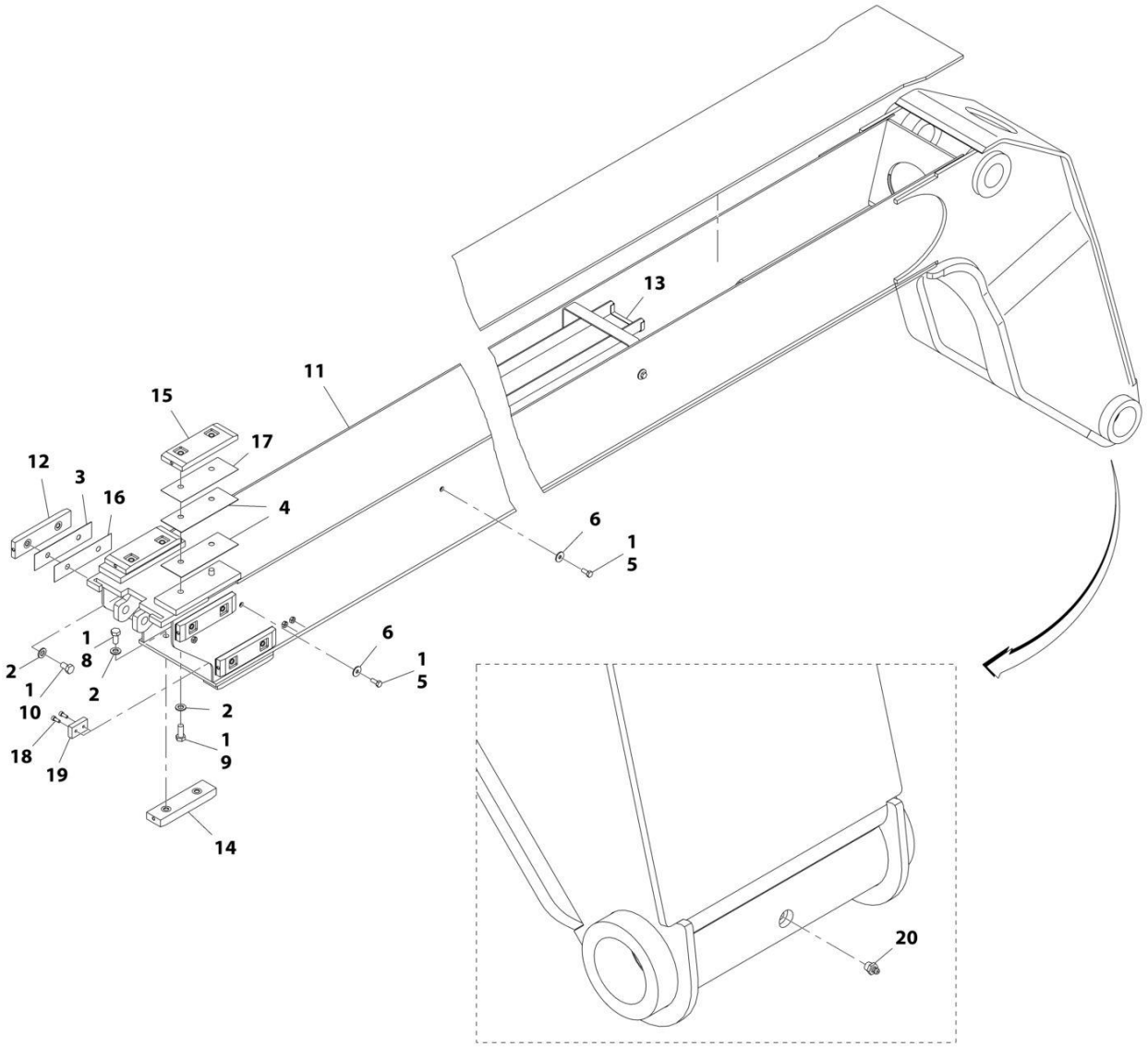


FIGURE 2-23. FOURTH BOOM SECTION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144244	Ref	Fourth Boom Section	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)

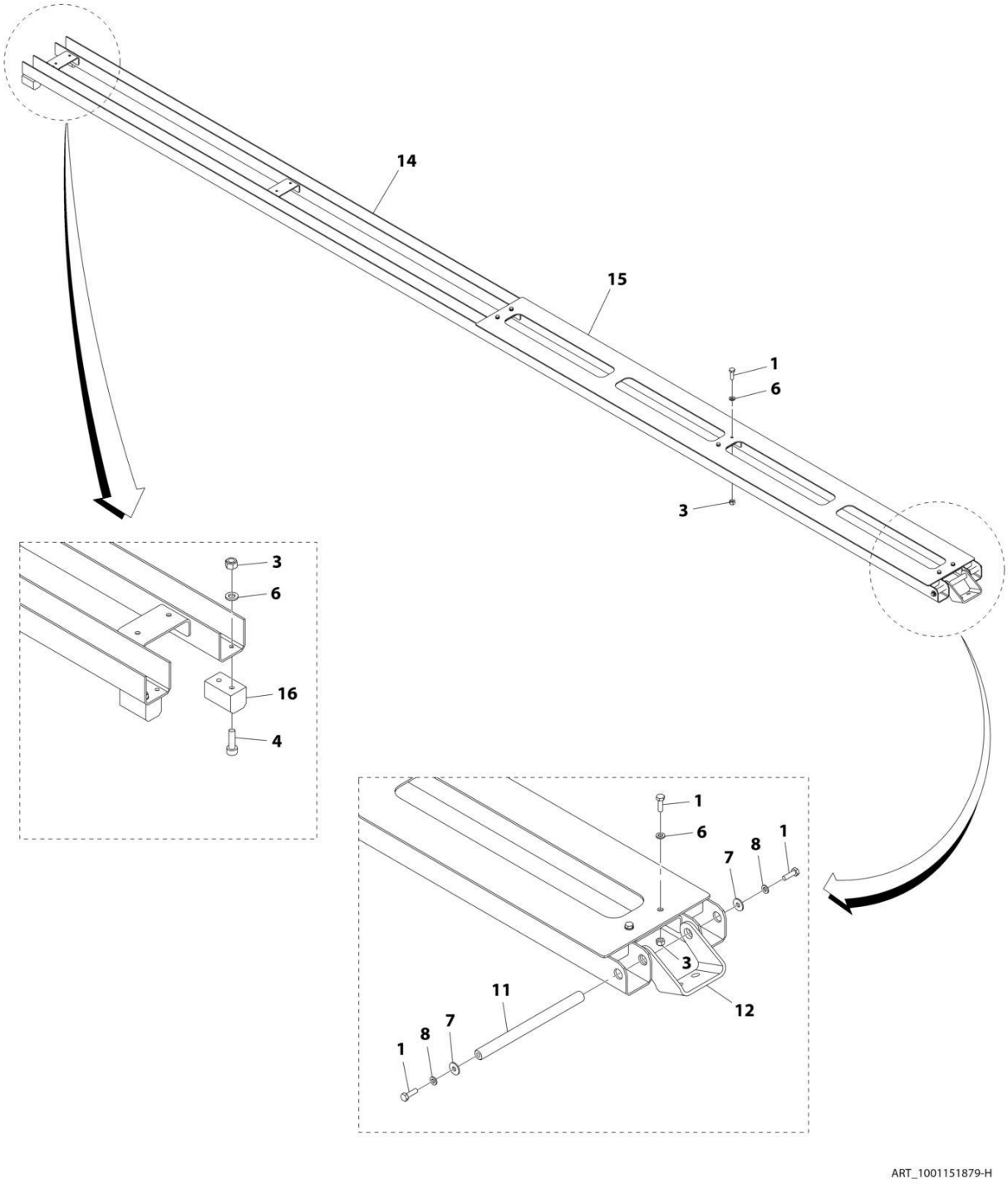


FIGURE 2-24. HOSE SUPPORT ASSEMBLY (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151879	Ref	Hose Support Assembly	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

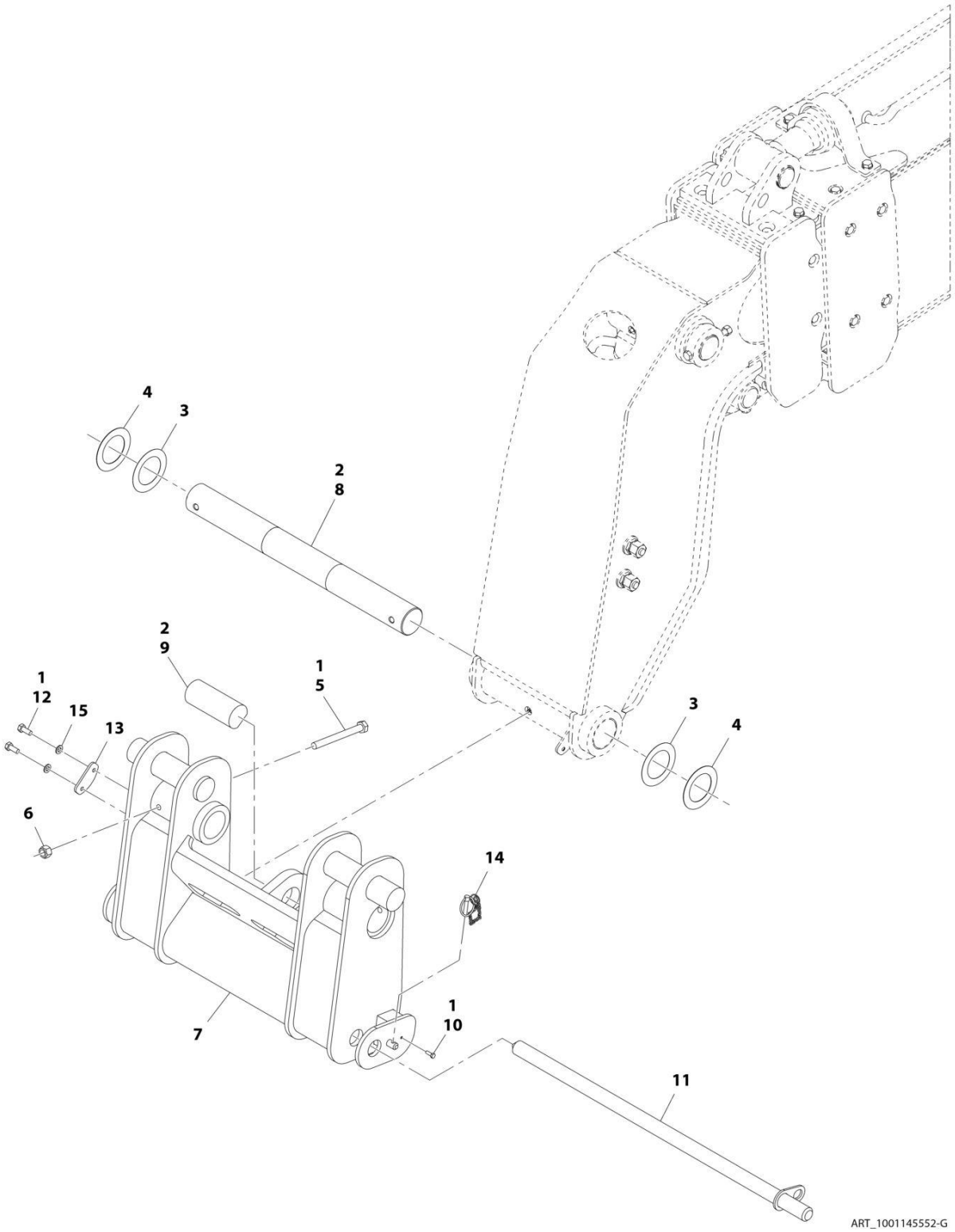


FIGURE 2-25. MANUAL QUICK ATTACH

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 (NO AUXILIARY HYDRAULICS) (3614RS)

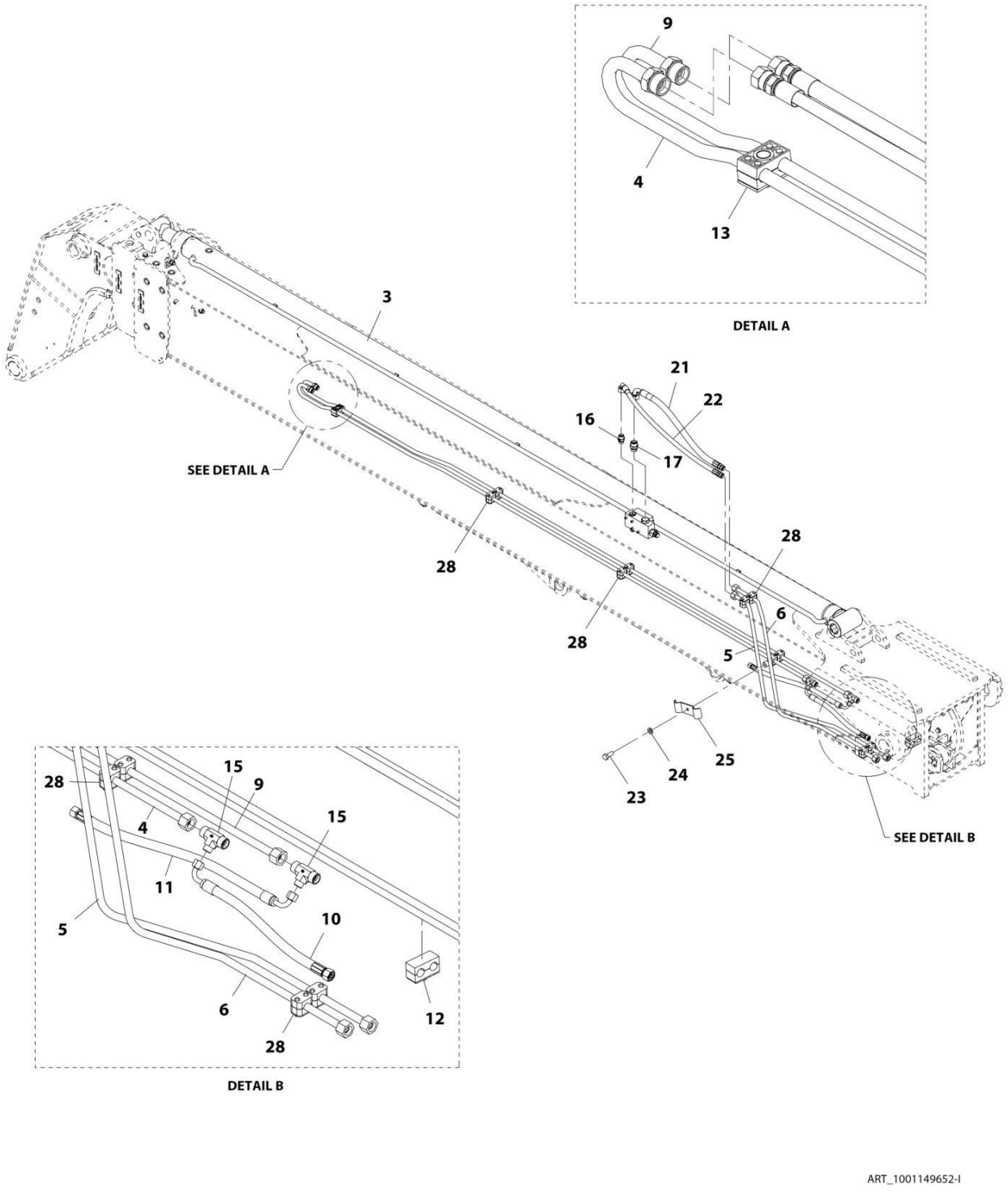


FIGURE 2-26. HYDRAULICS INSTALLATION (NO AUXILIARY HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149652	Ref	Hydraulics Installation (no auxiliary hydraulics)	I
3	1001144195	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 (AUXILIARY HYDRAULICS) (3614RS)

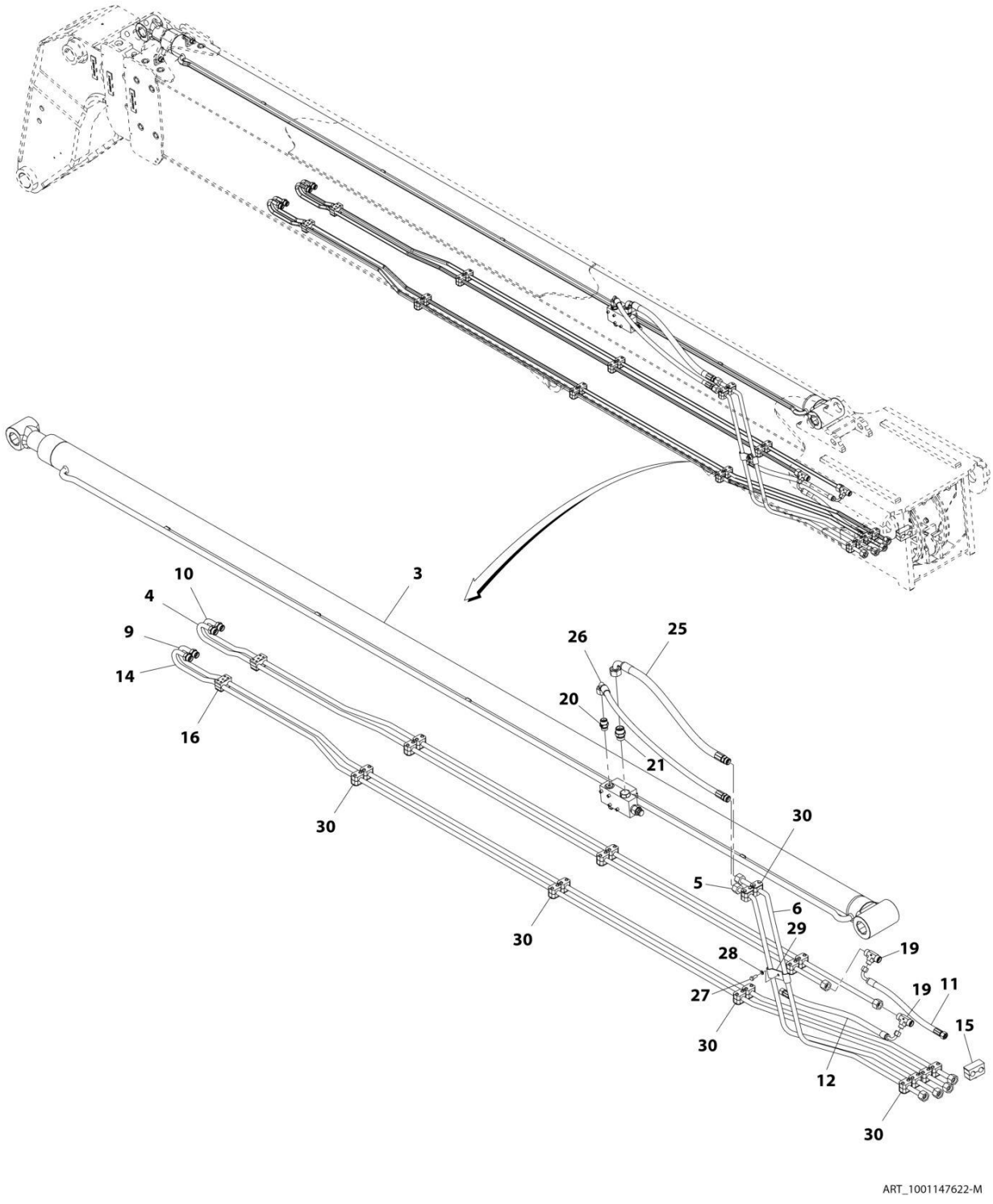


FIGURE 2-27. HYDRAULICS INSTALLATION (AUXILIARY HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147622	Ref	Hydraulics Installation (auxiliary hydraulics)	M
3	1001144195	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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)

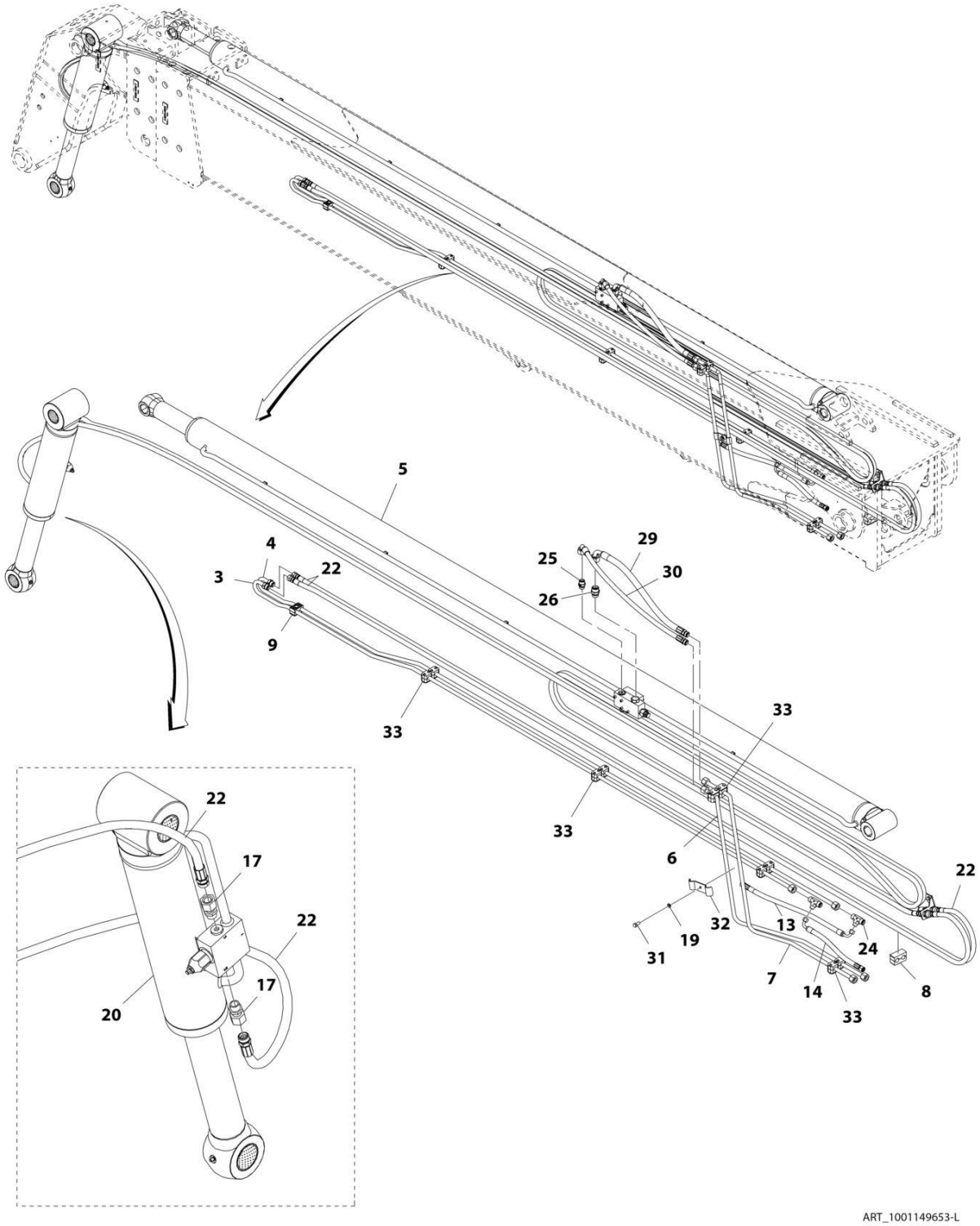


FIGURE 2-28. HYDRAULICS INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149653	Ref	Hydraulics Installation	L
3	1001186405	1	Tube, Boom	
4	1001186406	1	Tube, Boom	
5	1001146579	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001180507	1	Tube, Boom	
7	1001180508	1	Tube, Boom	
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	1001174556	1	Cylinder, Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
22	1001149536	1	Assembly, Boom Hydraulics (See Separate Breakdown in this Section)	
24	1001162852	2	Adapter	
25	2144823	1	Connector	
26	2144826	1	Connector	
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)

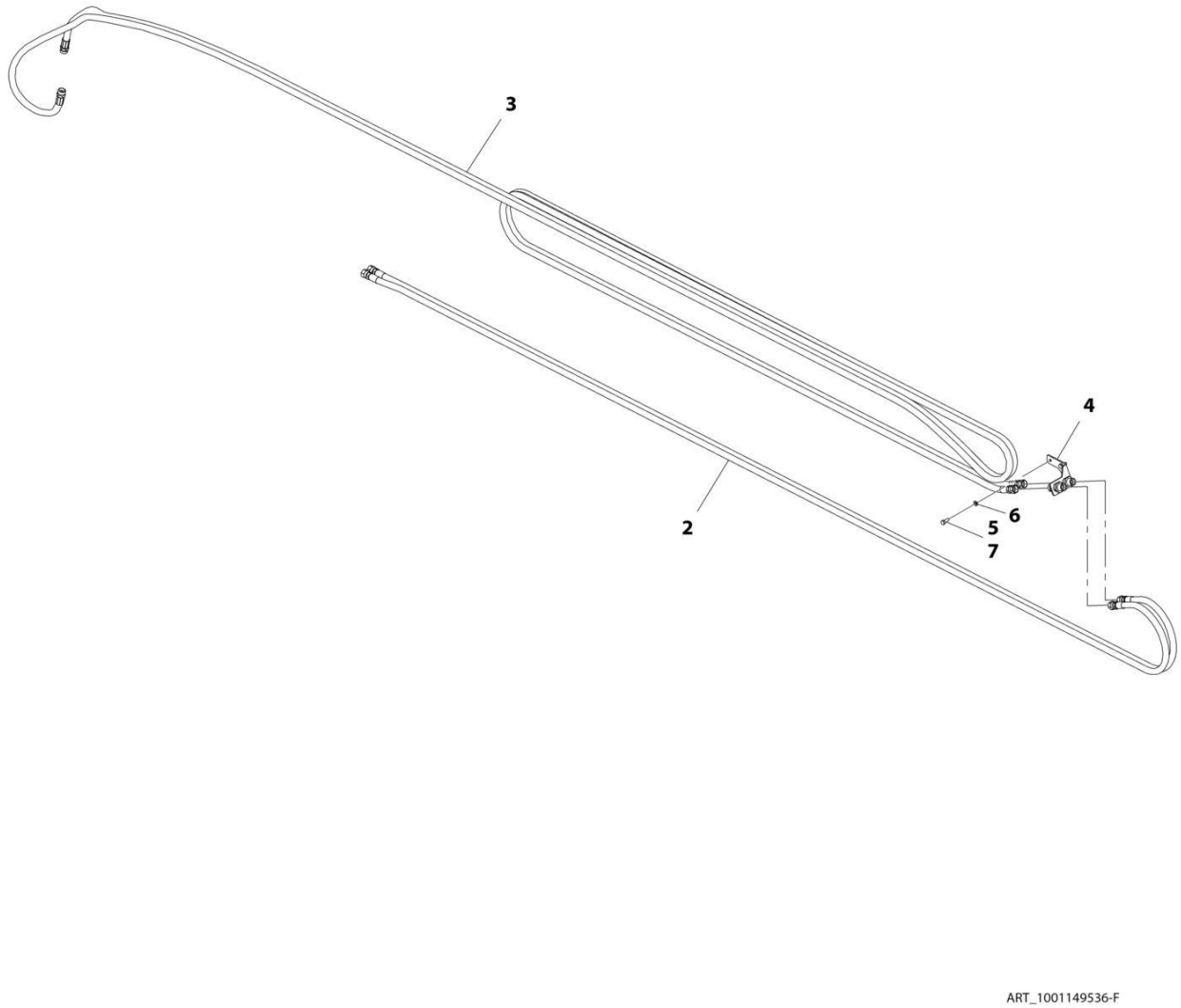


FIGURE 2-29. HYDRAULICS ASSEMBLY (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149536	Ref	Hydraulics Assembly	F
2	1001180512	1	Hose	
3	1001191367	1	Hose	
4	1001189881	1	Bracket	
5	0700810	2	Bolt, M8X20	
6	4811900	2	Washer, M8	
7	1001095650	AR	Compound, Locking	

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

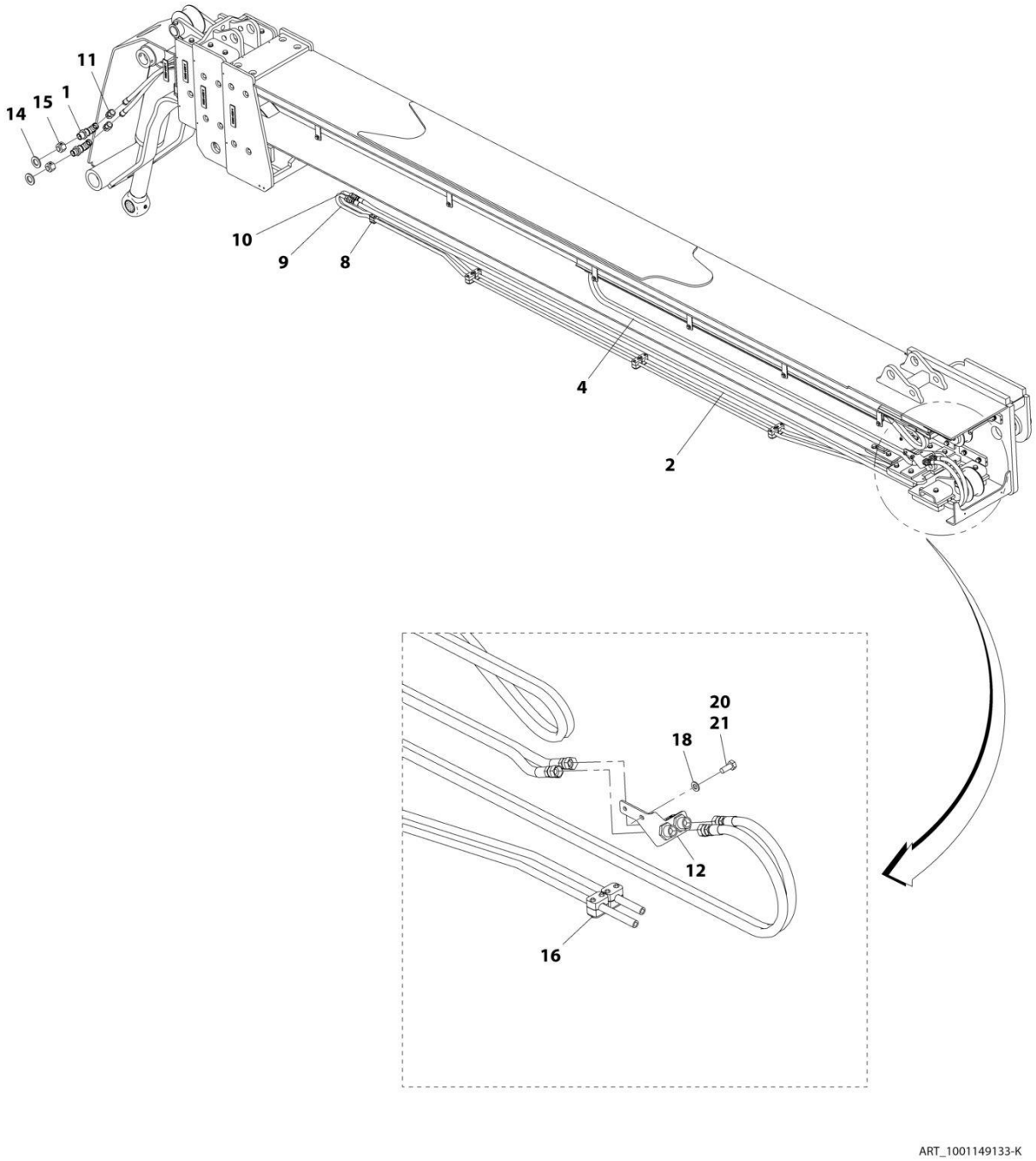


FIGURE 2-30. HYDRAULICS INSTALLATION (AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149133	Ref	Hydraulics Installation (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

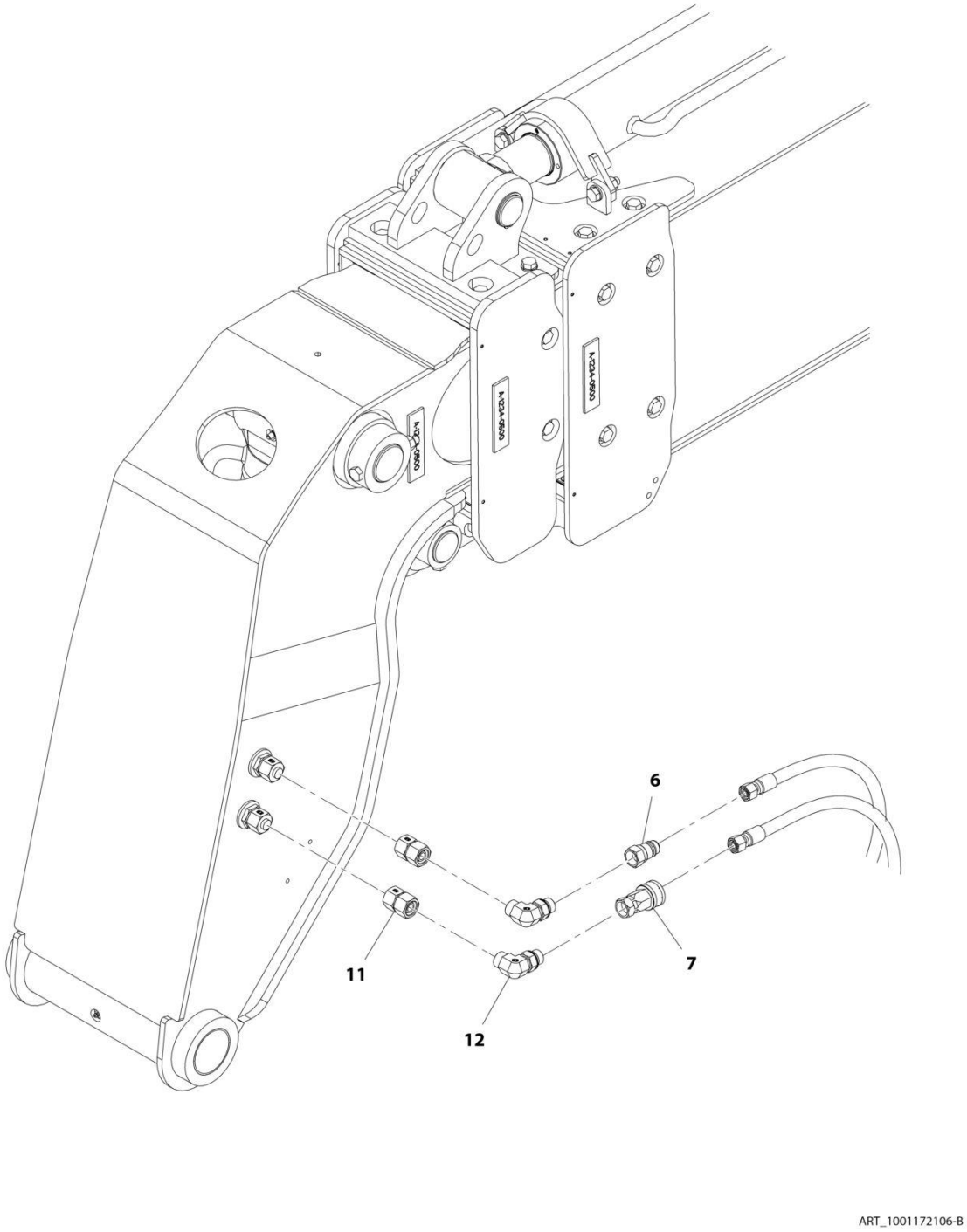


FIGURE 2-31. AUXILIARY LINES INSTALLATION

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)

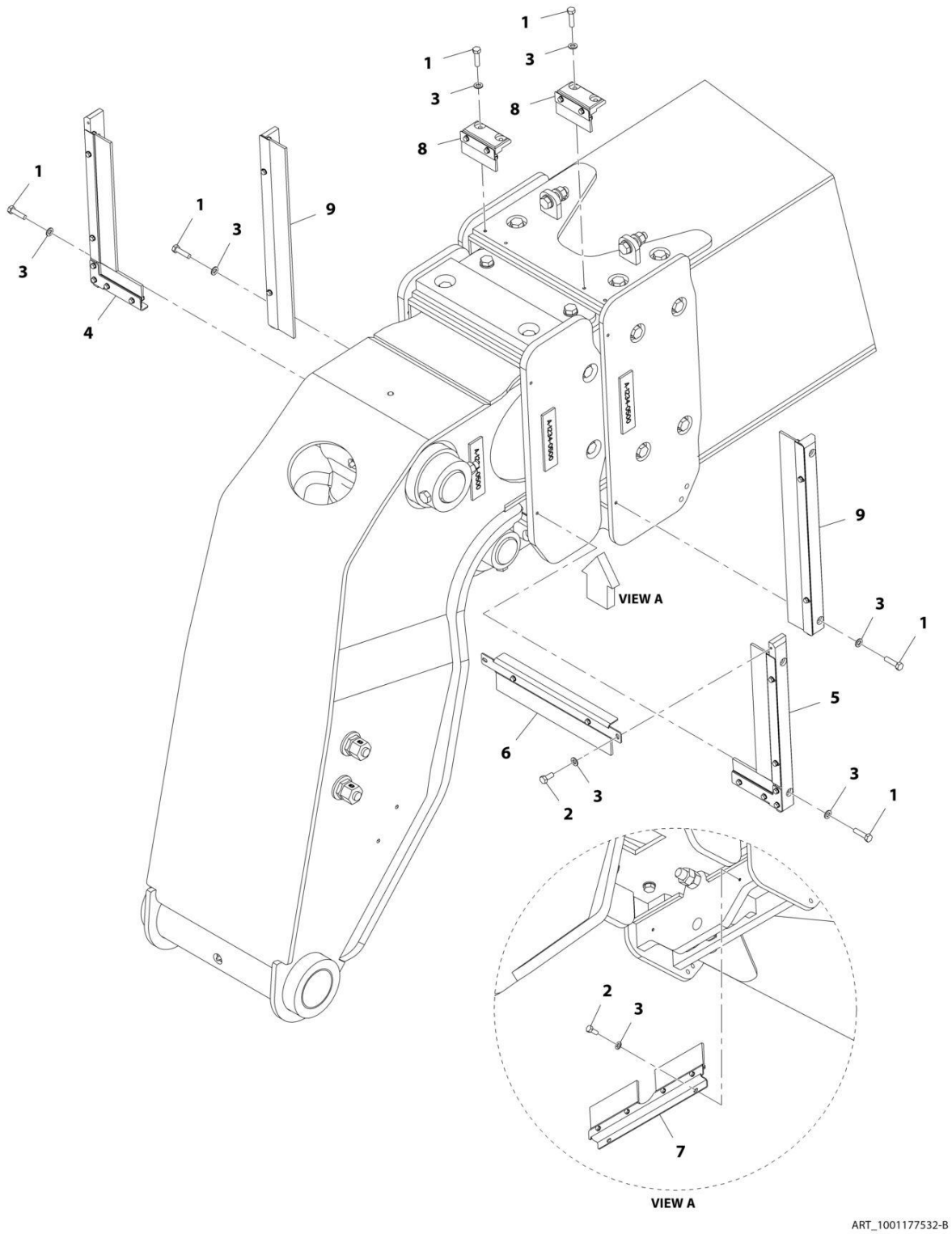


FIGURE 2-32. BOOM BRUSH INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177532	Ref	Boom Brush Installation (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 Separate Breakdown in this Section)	
5	1001176803	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	
6	1001176903	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	
7	1001176944	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	
8	1001177274	2	Bracket, Boom Brush (See Separate Breakdown in this Section)	
9	1001177320	2	Bracket, Boom Brush (See Separate Breakdown in this Section)	

FIGURE 2-33. BOOM BRUSH INSTALLATION (4017RS)

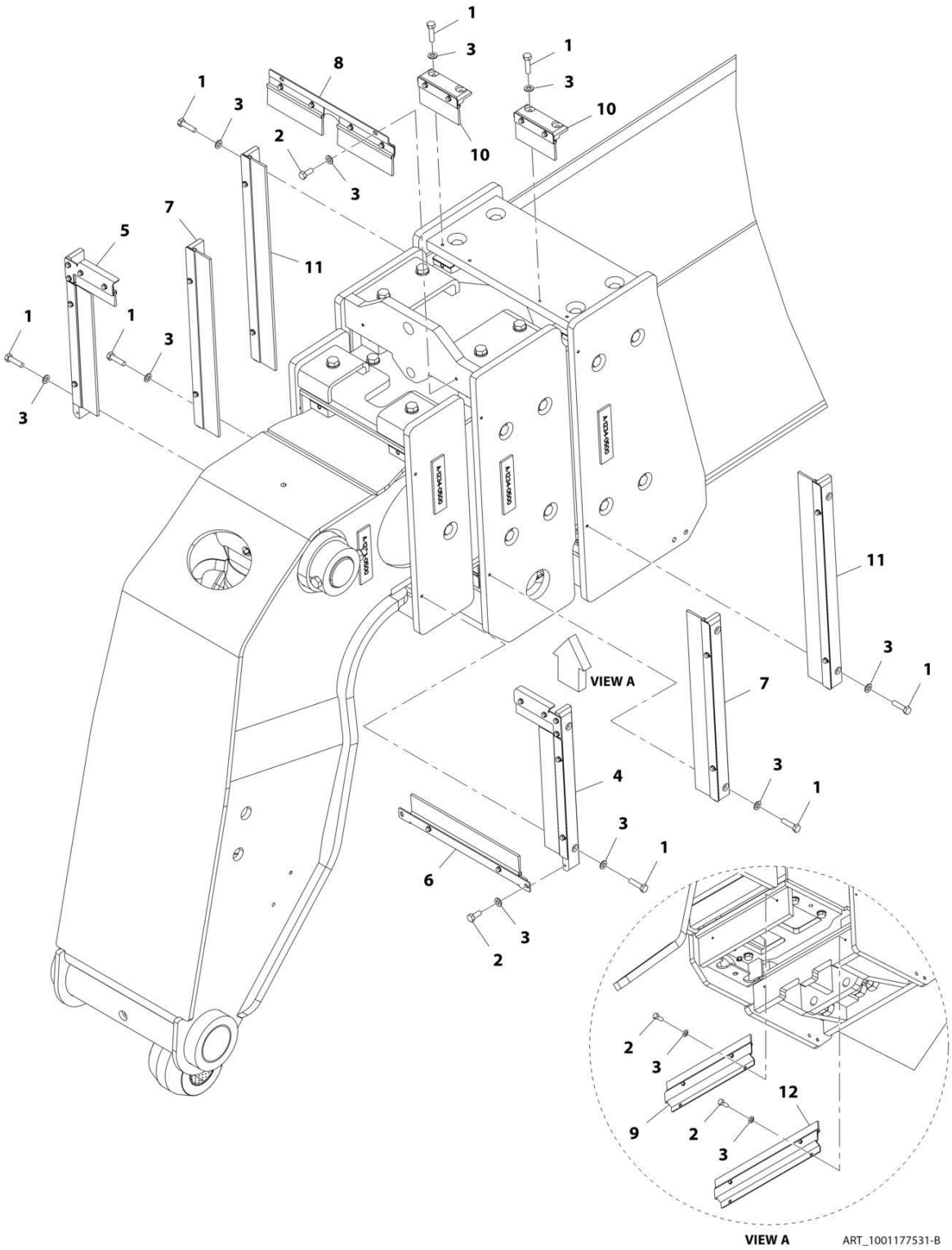


FIGURE 2-33. BOOM BRUSH INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177531	Ref	Boom Brush Installation (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 Separate Breakdown in this Section)	
5	1001176803	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	
6	1001176903	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	
7	1001177320	2	Bracket, Boom Brush (See Separate Breakdown in this Section)	
8	1001177342	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	
9	1001177396	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	
10	1001177411	2	Bracket, Boom Brush (See Separate Breakdown in this Section)	
11	1001177439	2	Bracket, Boom Brush (See Separate Breakdown in this Section)	
12	1001177445	1	Bracket, Boom Brush (See Separate Breakdown in this Section)	

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

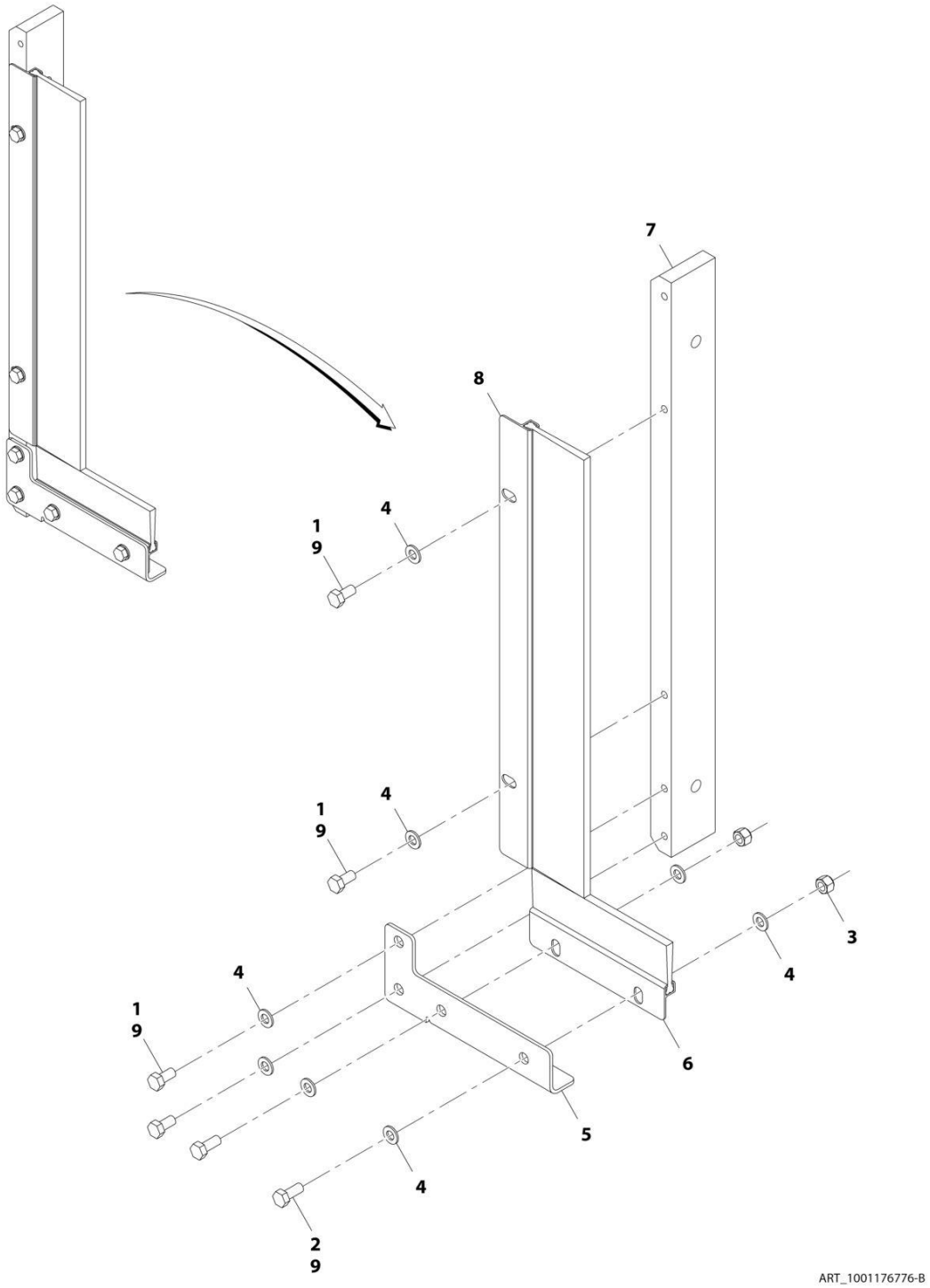


FIGURE 2-34. BOOM BRUSH BRACKET ASSEMBLY (1)

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)

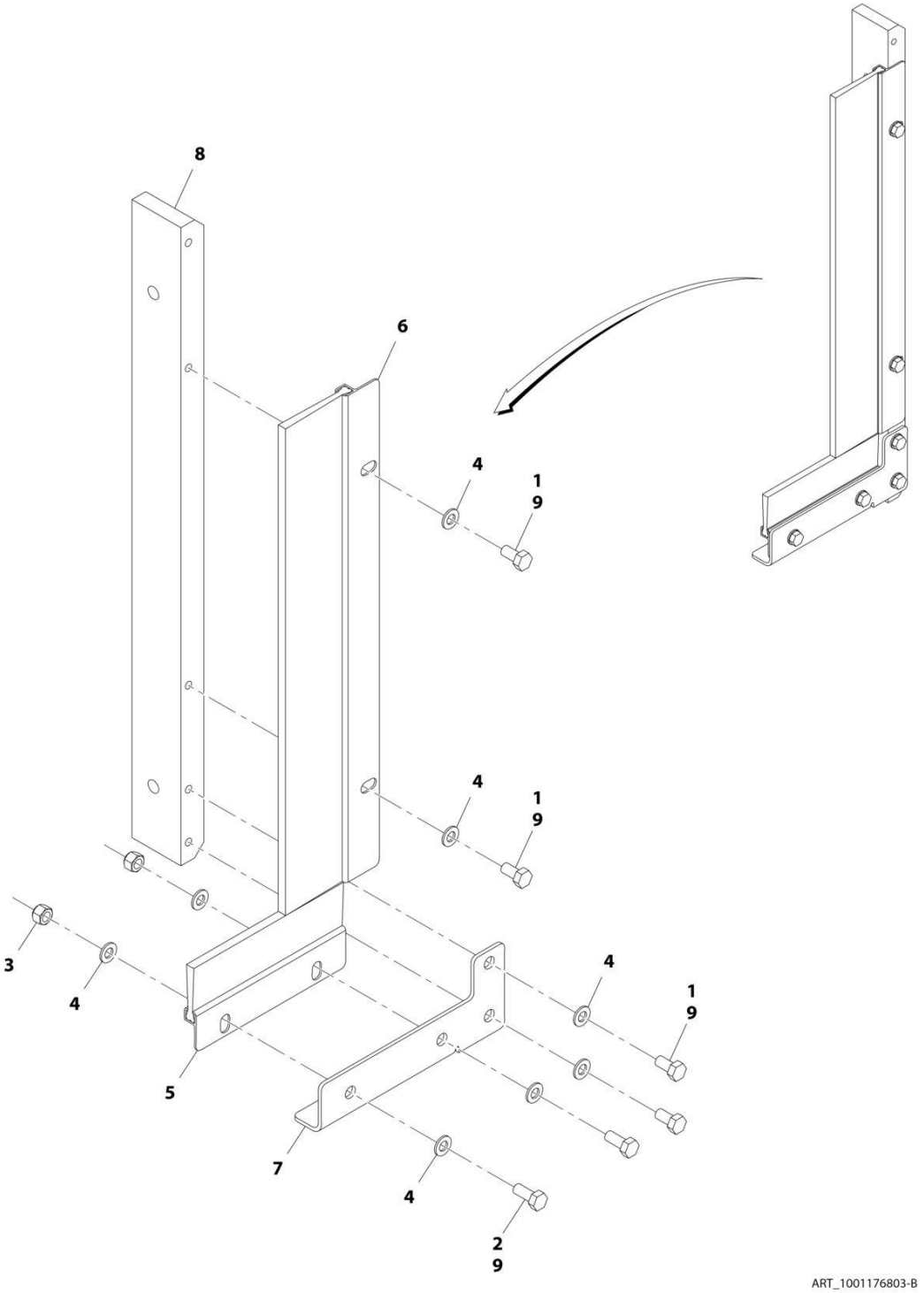


FIGURE 2-35. BOOM BRUSH BRACKET ASSEMBLY (2)

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)

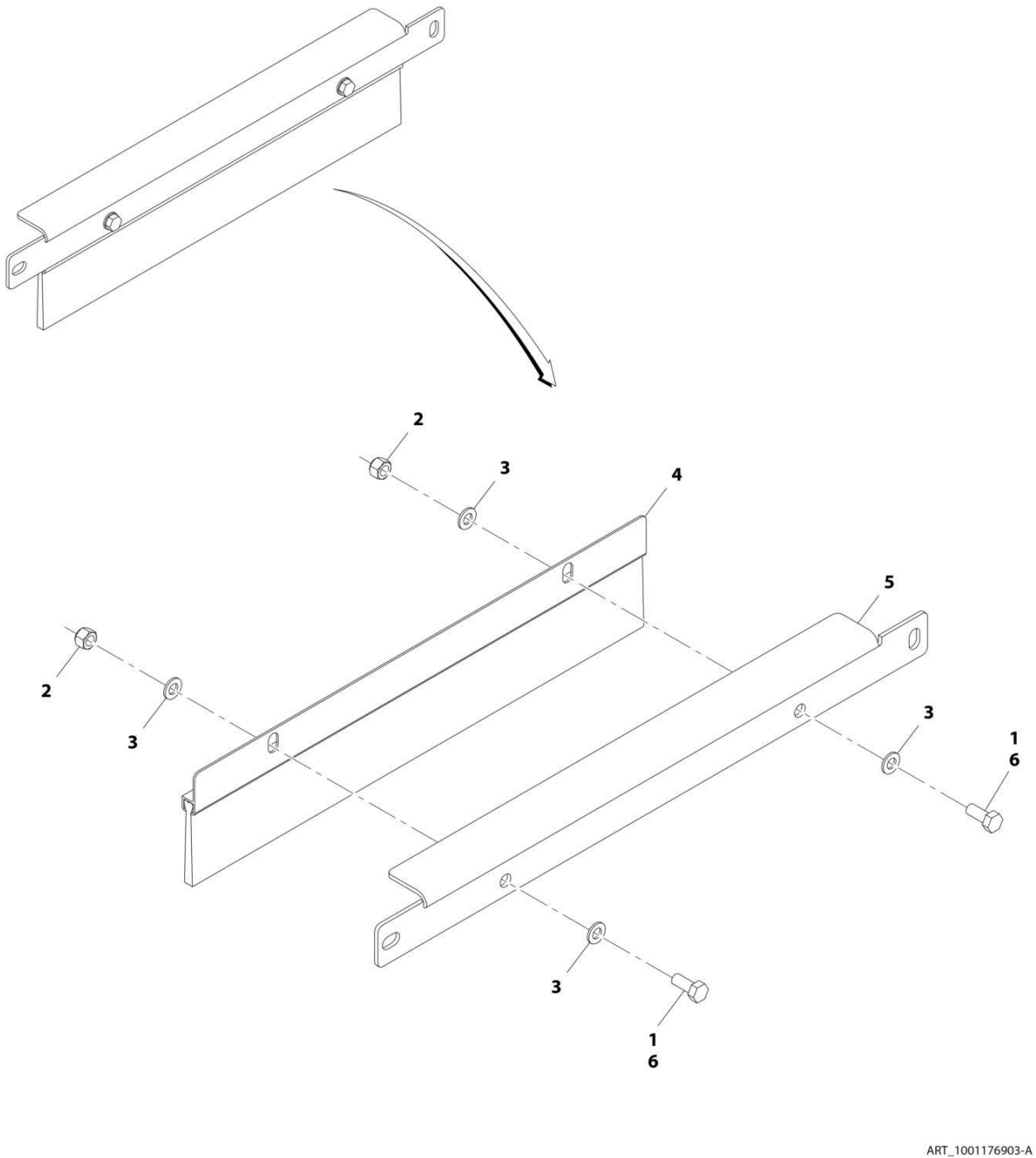


FIGURE 2-36. BOOM BRUSH BRACKET ASSEMBLY (3)

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)

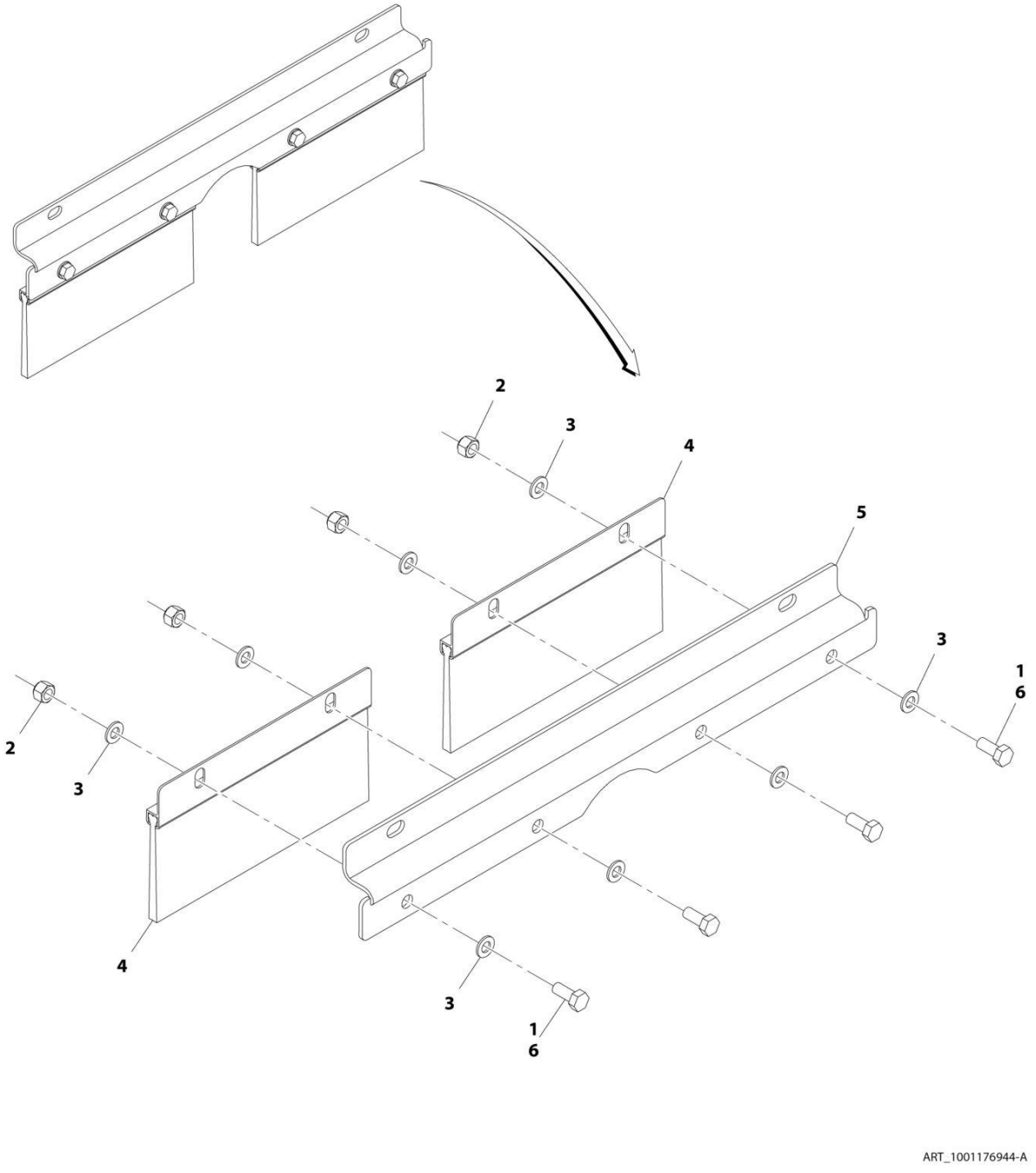


FIGURE 2-37. BOOM BRUSH BRACKET ASSEMBLY (4) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176944	Ref	Boom Brush Bracket Assembly	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)

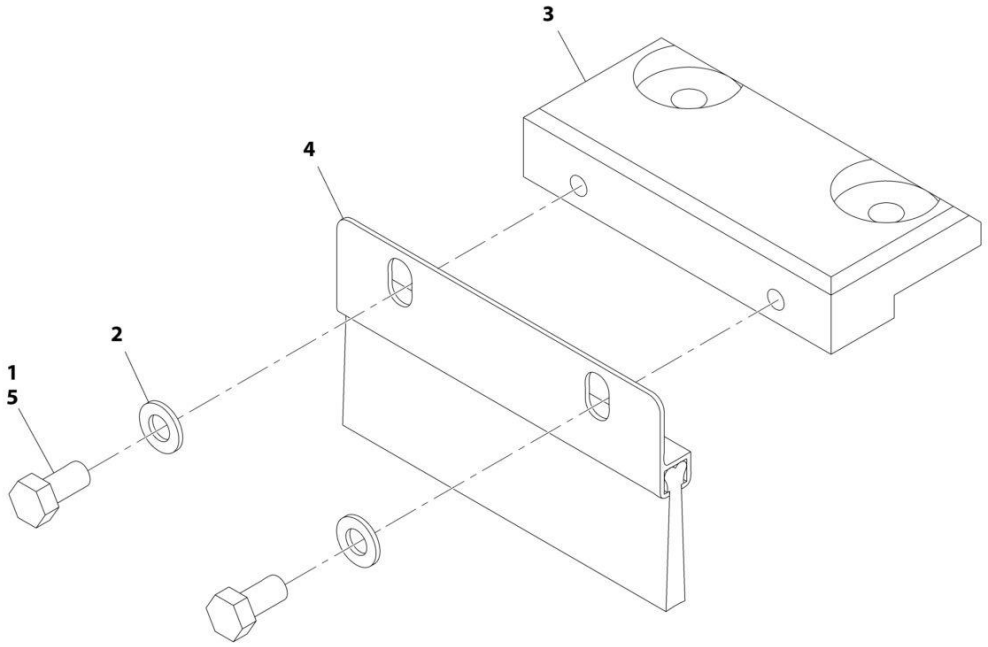


FIGURE 2-38. BOOM BRUSH BRACKET ASSEMBLY (5) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177274	Ref	Boom Brush Bracket Assembly	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)

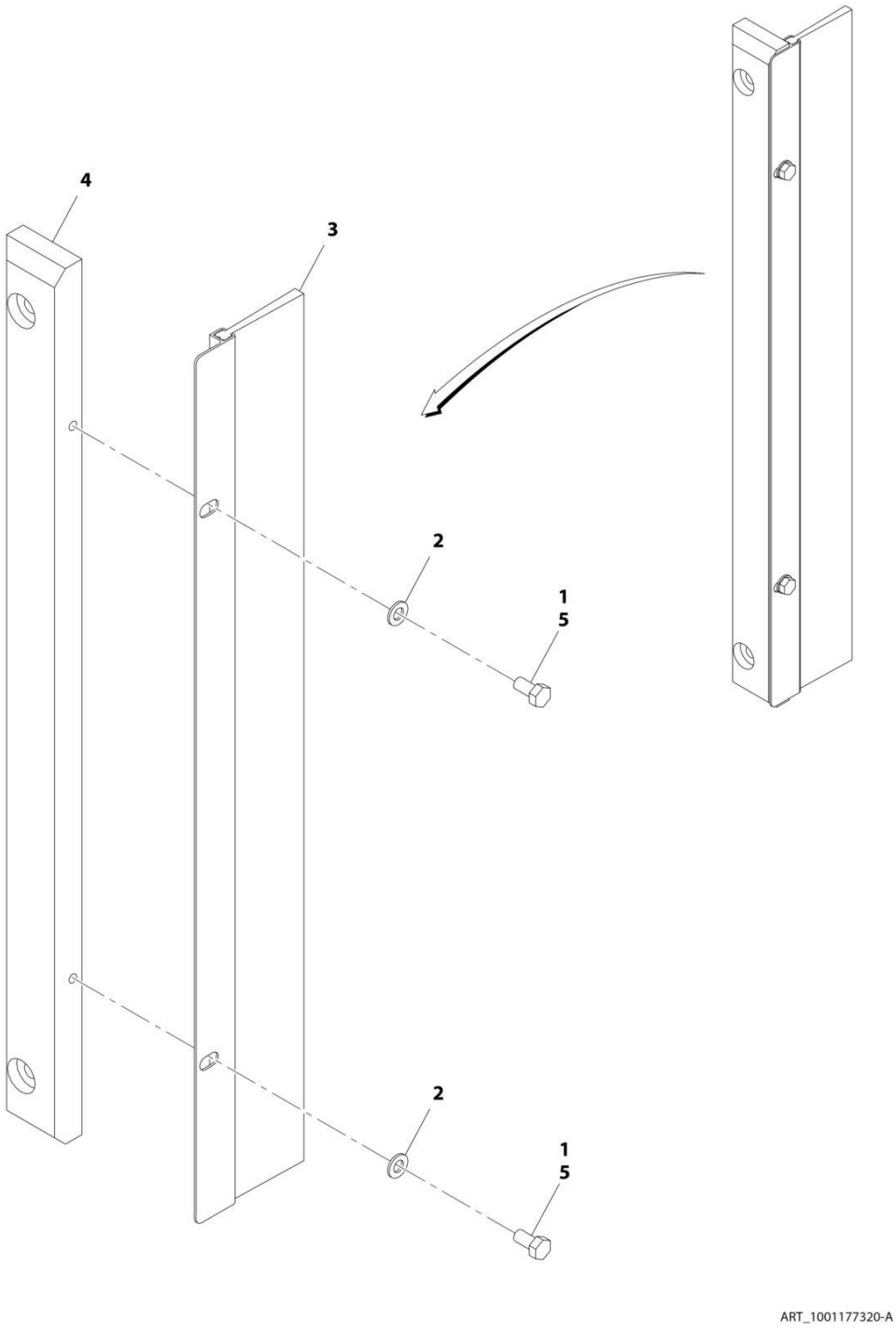


FIGURE 2-39. BOOM BRUSH BRACKET ASSEMBLY (6)

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)

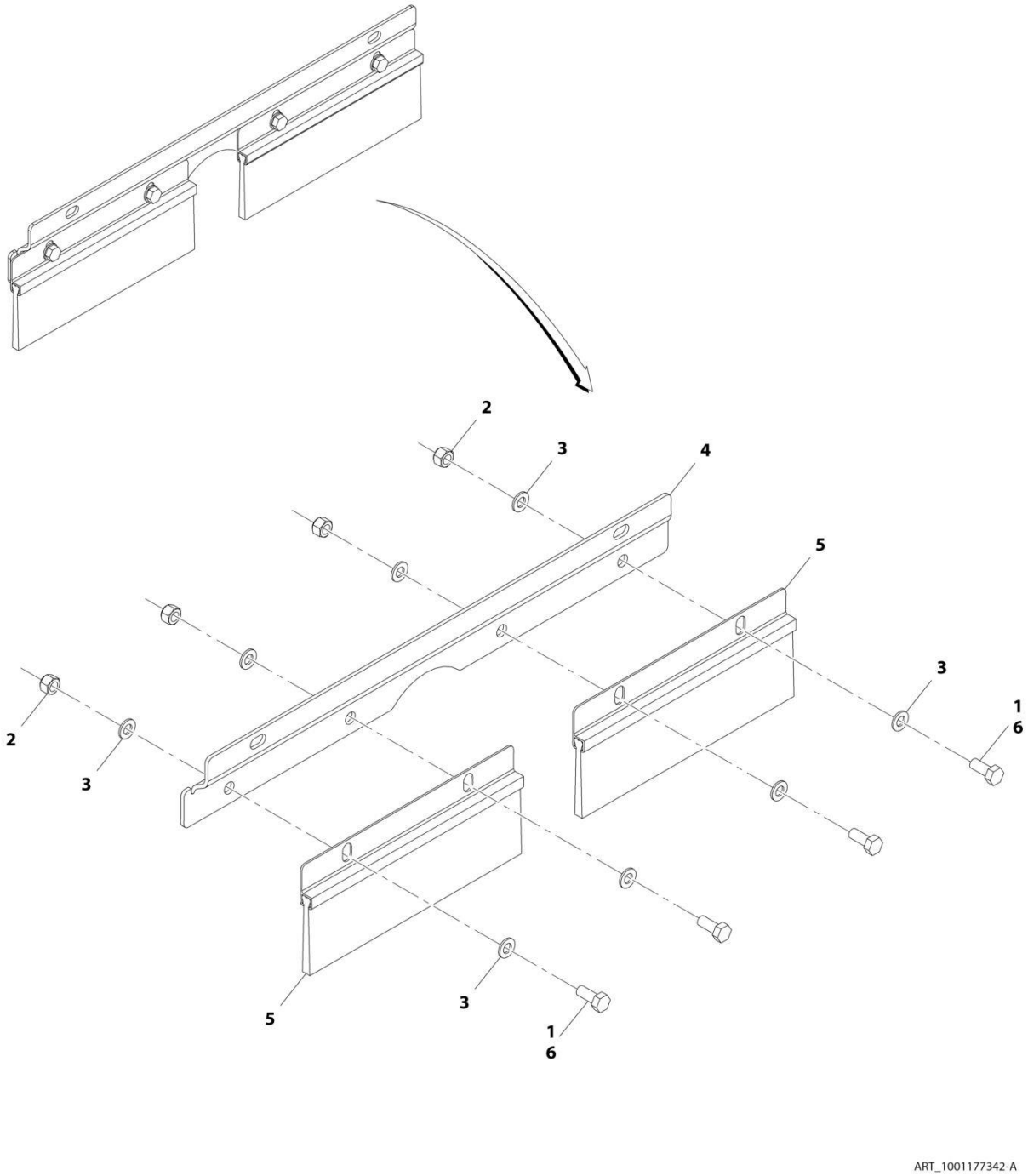


FIGURE 2-40. BOOM BRUSH BRACKET ASSEMBLY (7) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177342	Ref	Boom Brush Bracket Assembly	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)

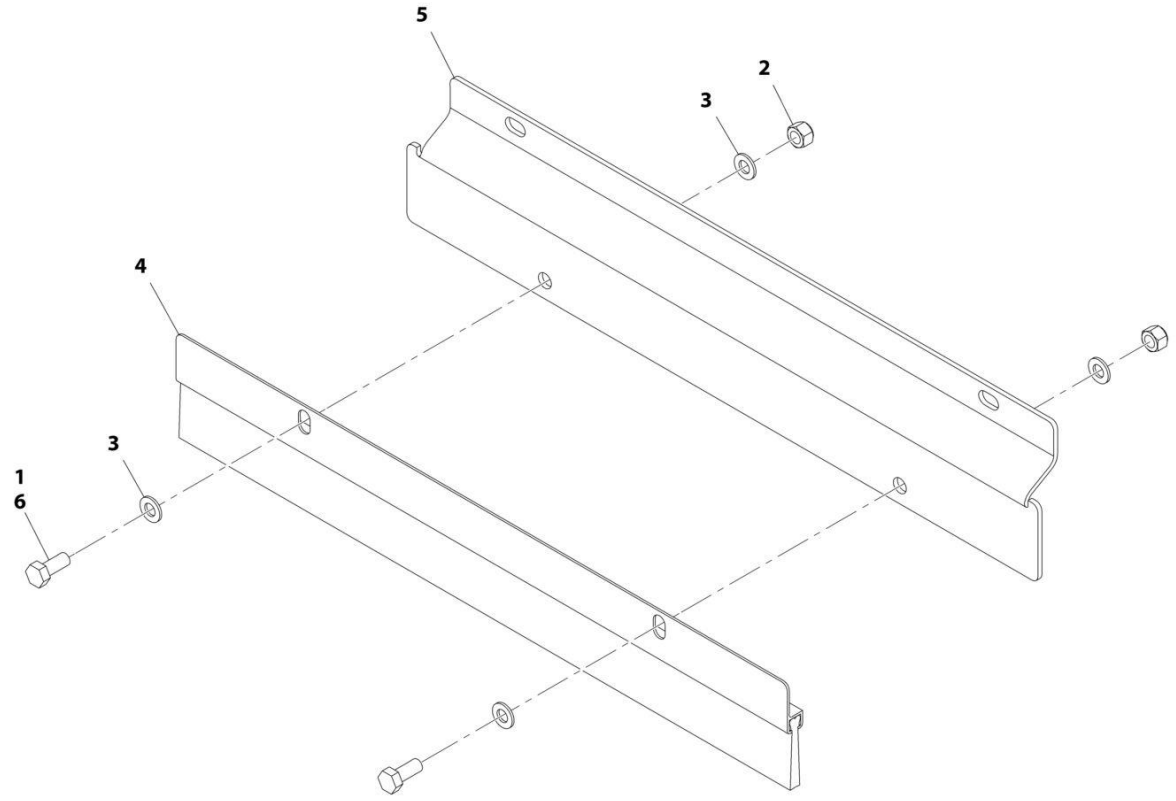
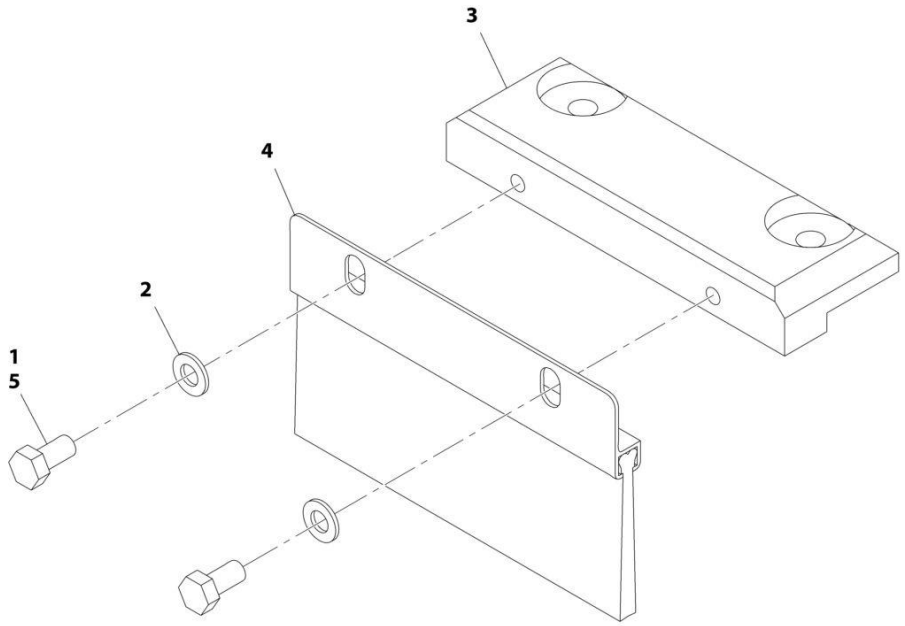


FIGURE 2-41. BOOM BRUSH BRACKET ASSEMBLY (8) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177396	Ref	Boom Brush Bracket Assembly	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)



ART_1001177411-A

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177411	Ref	Boom Brush Bracket Assembly	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)

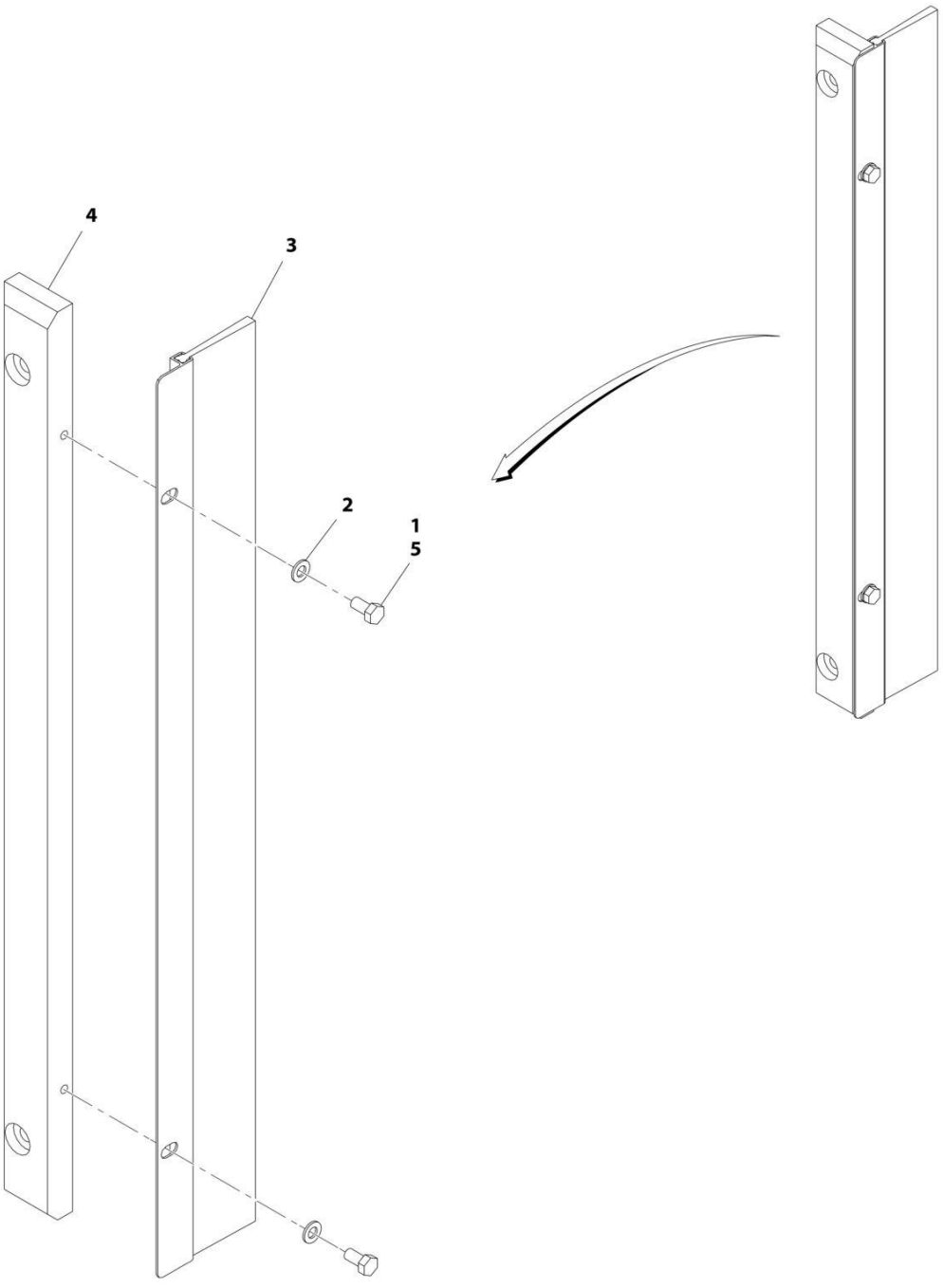


FIGURE 2-43. BOOM BRUSH BRACKET ASSEMBLY (10) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177439	Ref	Boom Brush Bracket Assembly	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)

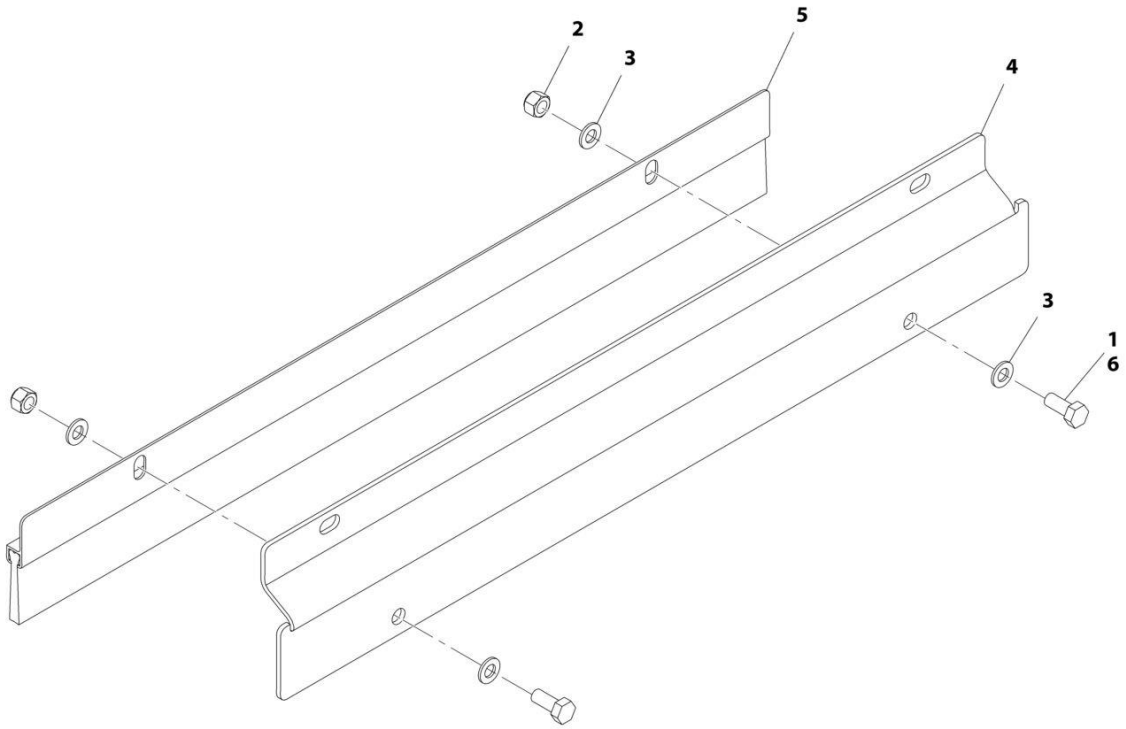


FIGURE 2-44. BOOM BRUSH BRACKET ASSEMBLY (11) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177445	Ref	Boom Brush Bracket Assembly	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. BUCKET 0.9M³

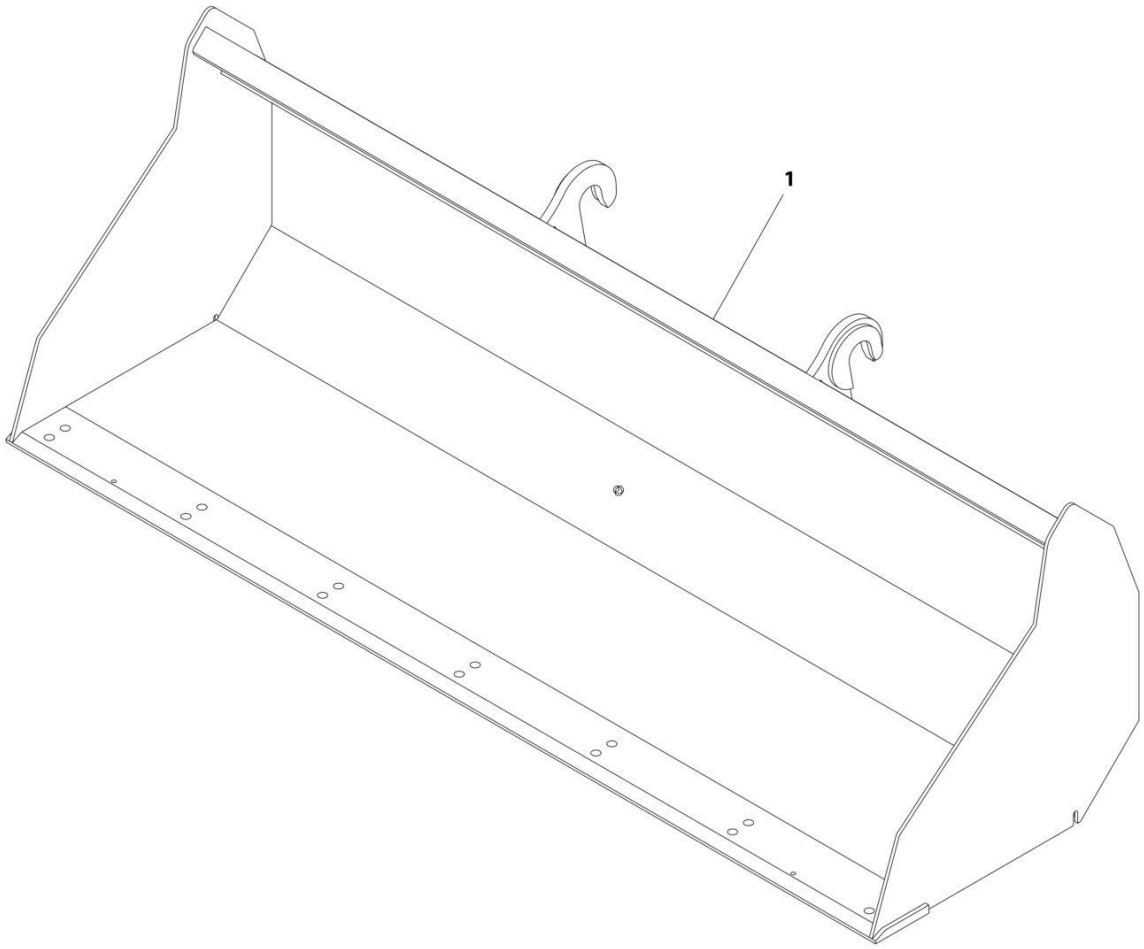


FIGURE 3-1. BUCKET 0.9M³

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

FIGURE 3-2. BUCKET 4 IN 1 (1.0 M³)

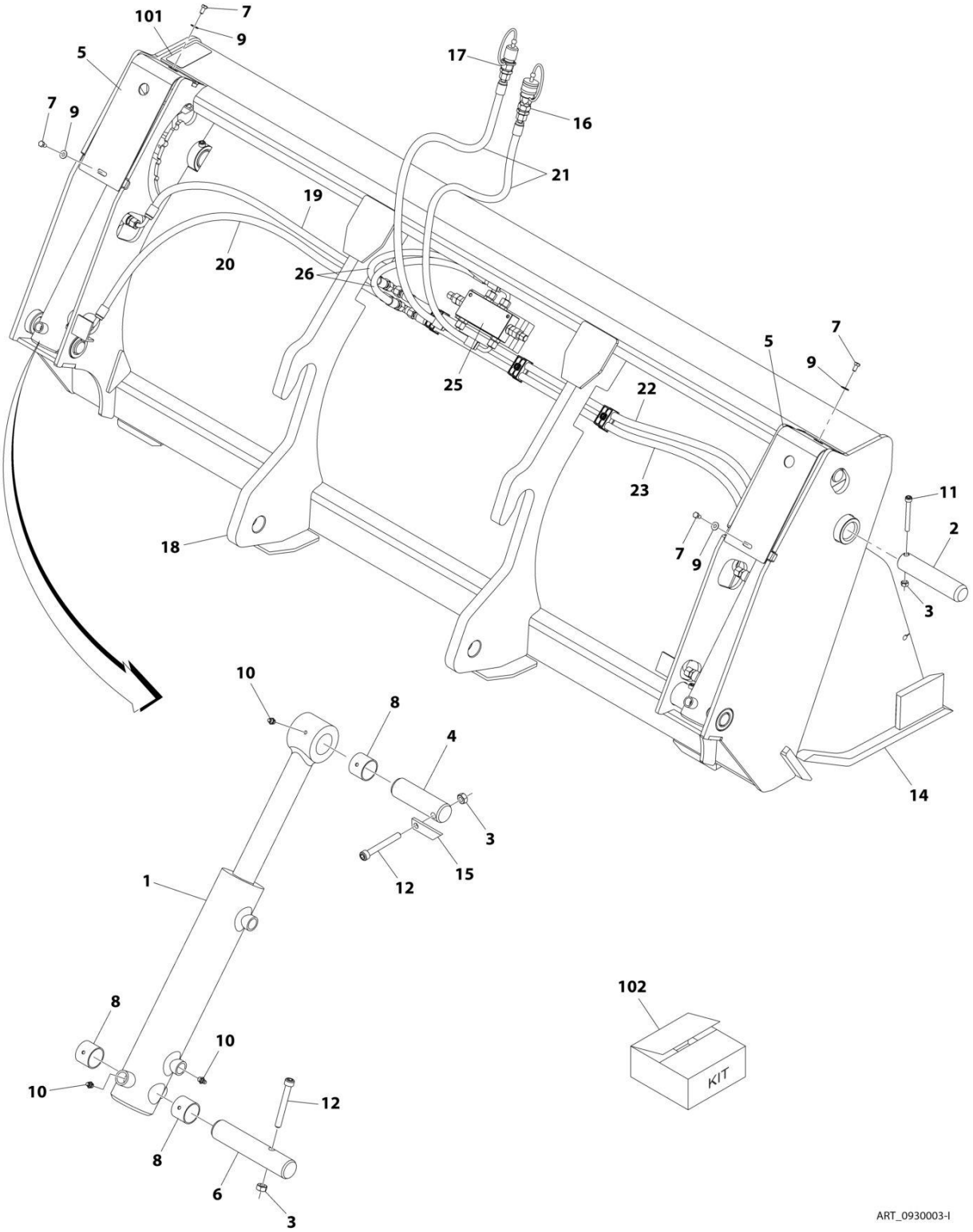
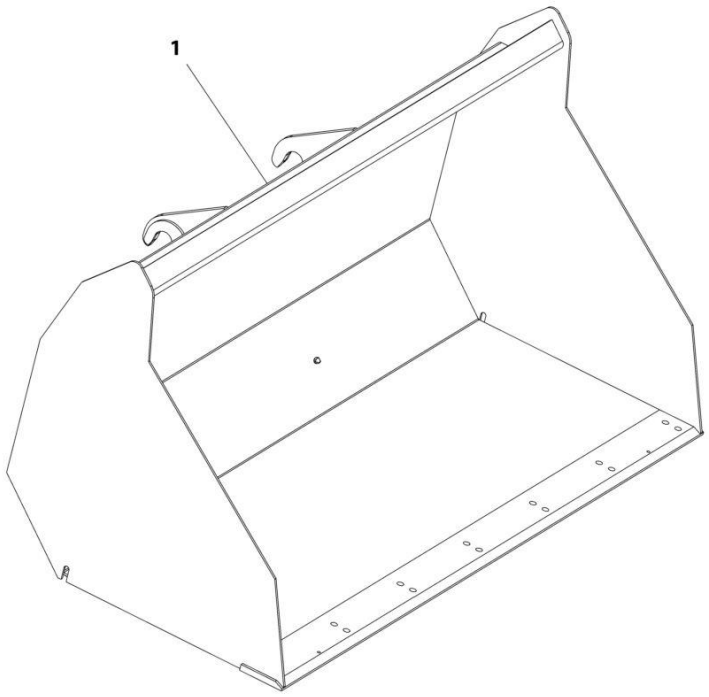


FIGURE 3-2. BUCKET 4 IN 1 (1.0 M³)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930003	Ref	4 in 1 Bucket (1.0 m³)	I
1	7028990	2	Cylinder	
	7028910	AR	Kit, Seal, Cylinder	
2	7028911	2	Pin	
3	7028912	6	Nut, (not shown)	
4	7028913	2	Pin	
5	N.S.S.	2	Plate	
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	
24	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 3-3. BUCKET 1.8M³

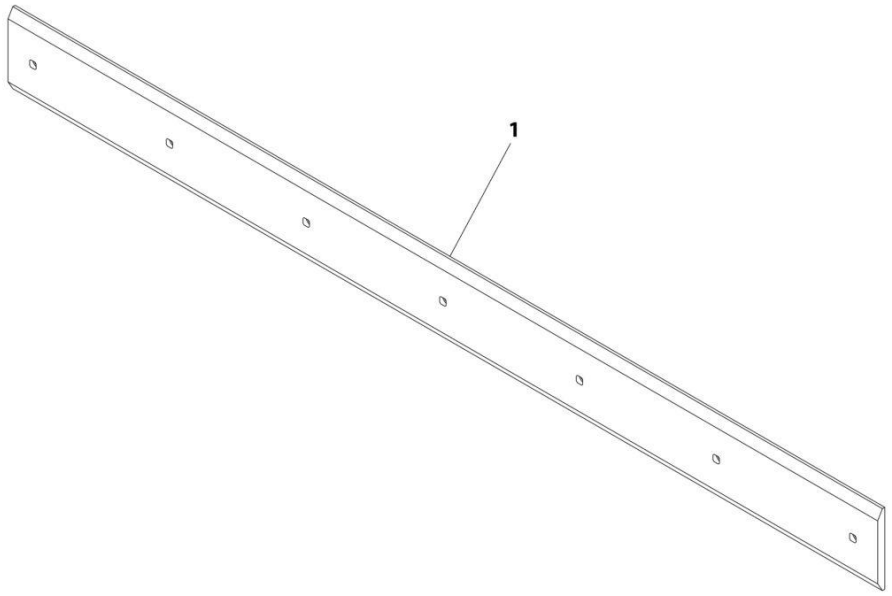


ART_0930016-C

FIGURE 3-3. BUCKET 1.8M³

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930016	Ref	Bucket, 1.8m³	C

FIGURE 3-4. BUCKET EDGE (BOLT-ON) (2450 MM)



ART_70020392-A

FIGURE 3-4. BUCKET EDGE (BOLT-ON) (2450 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	70020392	Ref	Bolt-on Edge (2450 MM)	A
	N.S.S.	7	Bolt	
	N.S.S.	7	Nut	

FIGURE 3-5. CARRIAGE ASSEMBLY (500MM)

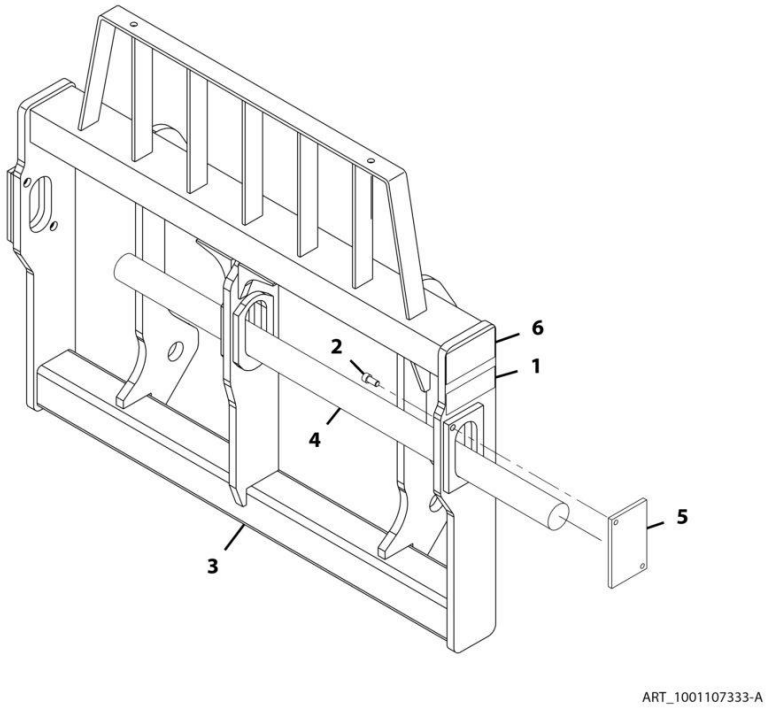


FIGURE 3-5. CARRIAGE ASSEMBLY (500MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107333	Ref	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 3-6. CARRIAGE INSTALLATION WITH LIFT LUG (3614RS)

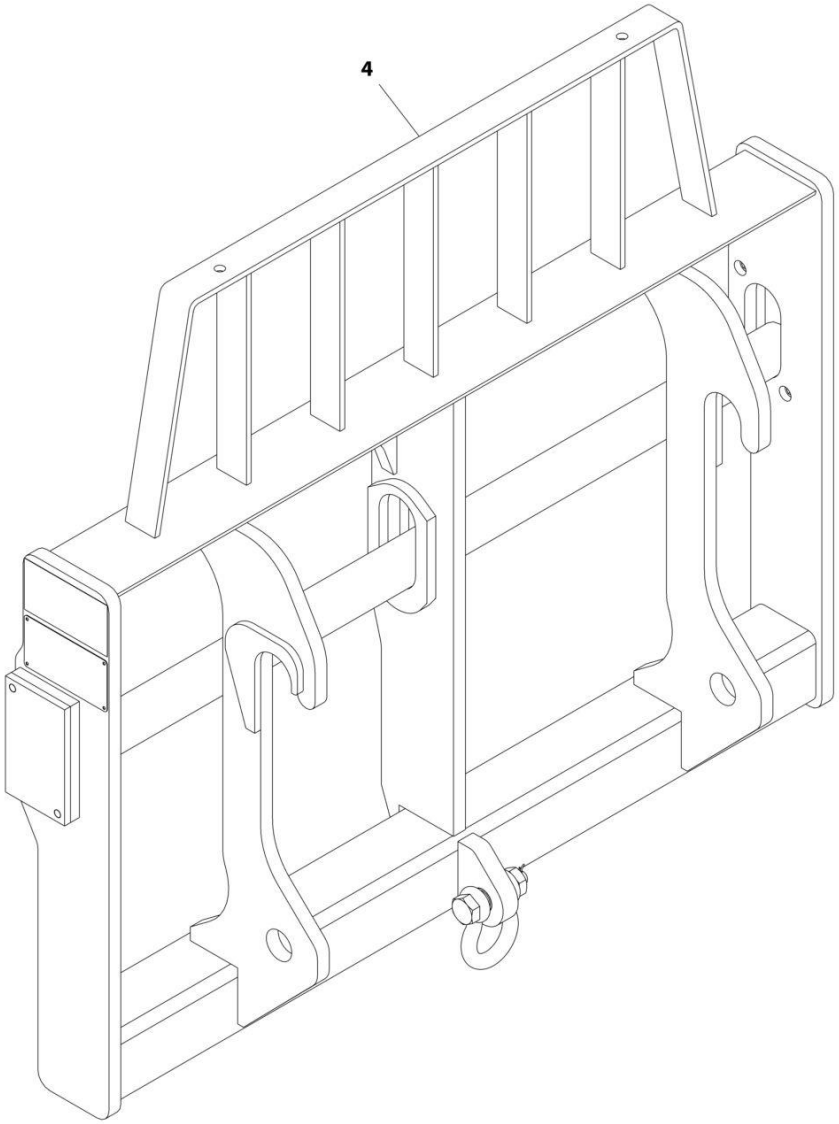


FIGURE 3-6. CARRIAGE INSTALLATION WITH LIFT LUG (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184289	Ref	Standard Carriage Installation with Lift Lug (If equipped)	A
1	1001183289	1	Chart, Load Standard Carriage with Lift Lug (not shown) (See Separate Breakdown in this Section) (3614RS)	
2	1001183290	1	Chart, Load Standard Carriage with Lift Lug (Outriggers) (not shown) (See Separate Breakdown in this Section) (3614RS)	
3	1001185116	1	Chart, 4T Fork and Hook Standard Carriage with Lift Lug (Traveling) (not shown) (See Separate Breakdown in this Section) (3614RS)	
4	1001181380	1	Carriage, 4T Fork and Hook (See Separate Breakdown in this Section)	

FIGURE 3-7. CARRIAGE INSTALLATION WITH LIFT LUG (4017RS)

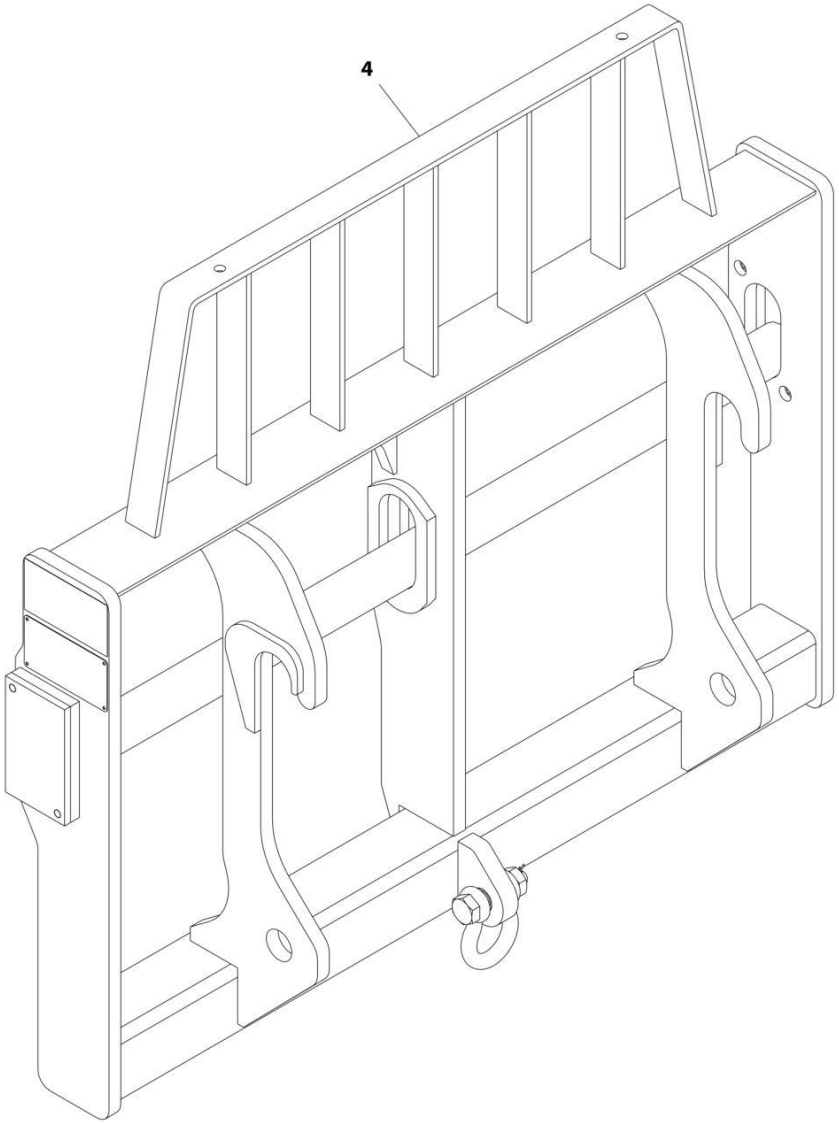


FIGURE 3-7. CARRIAGE INSTALLATION WITH LIFT LUG (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184290	Ref	Standard Carriage Installation with Lift Lug (If equipped)	A
1	1001183291	1	Chart, Load Standard Carriage with Lift Lug (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
2	1001183292	1	Chart, Load Standard Carriage with Lift Lug (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
3	1001185116	1	Chart, 4T Fork and Hook Standard Carriage with Lift Lug (Traveling) (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
4	1001181380	1	Carriage, 4T Fork and Hook (See Separate Breakdown in this Section)	

FIGURE 3-8. CARRIAGE INSTALLATION - FORK POSTIONING (3614RS)

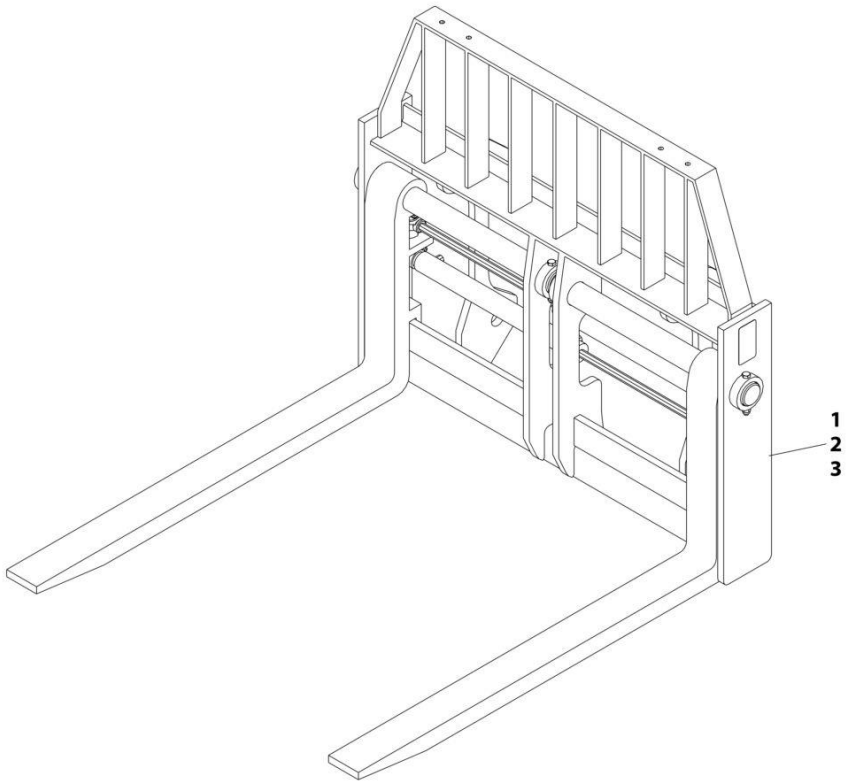


FIGURE 3-8. CARRIAGE INSTALLATION - FORK POSTIONING (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177547	Ref	Installation, Carriage Fork Positioning	A
1	1001091313	1	Carriage Fork Positioning (See Separate Breakdown in this Section)	
2	1001175218	1	Chart, Load Metric Fork Positioning (3614RS)	
3	1001175219	1	Chart, Load Metric Fork Positioning Stab (3614RS)	

FIGURE 3-9. CARRIAGE INSTALLATION - FORK POSTIONING (4017RS)

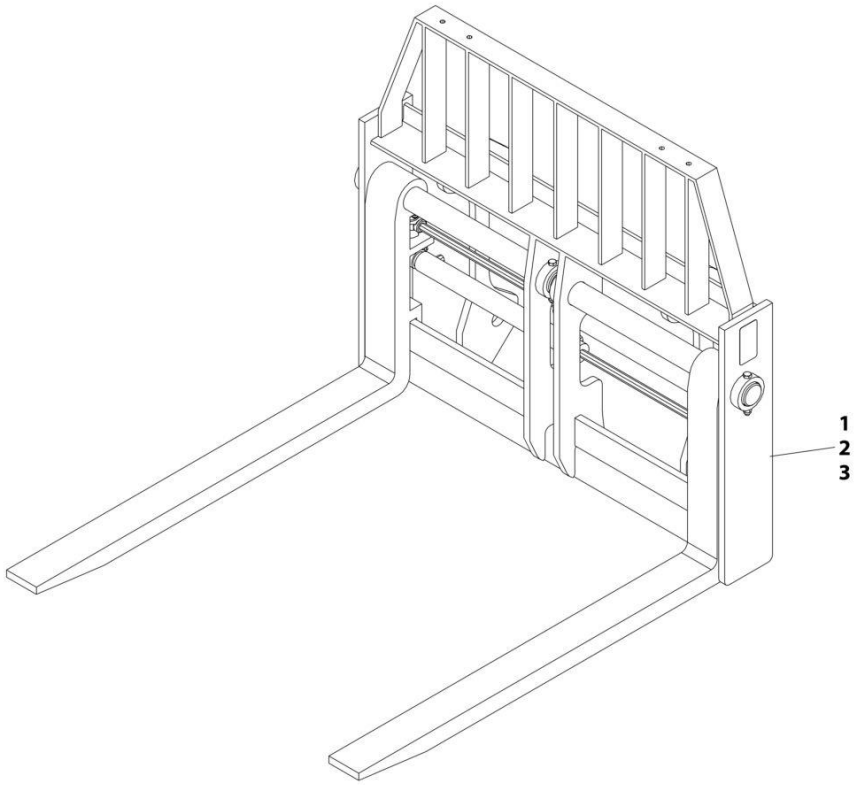


FIGURE 3-9. CARRIAGE INSTALLATION - FORK POSTIONING (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177548	Ref	Installation, Carriage Fork Positioning	A
1	1001091313	1	Carriage Fork Positioning (See Separate Breakdown in this Section)	
2	1001175220	1	Chart, Load Metric Fork Positioning (4017RS)	
3	1001175221	1	Chart, Load Metric Fork Positioning Stab (4017RS)	

FIGURE 3-10. CARRIAGE INSTALLATION - FORK POSTIONING WITH FORKS (4.0 TON)

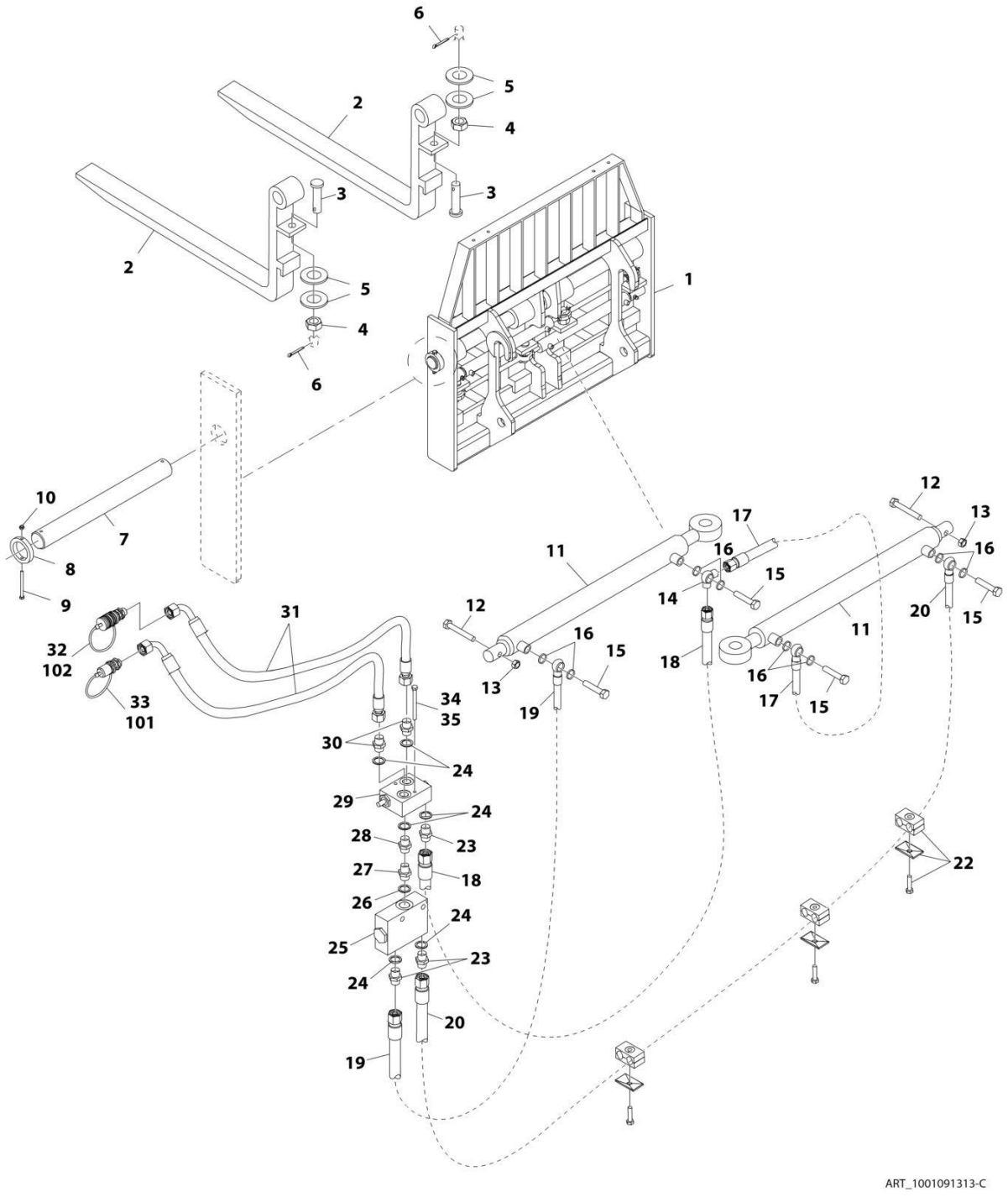


FIGURE 3-10. CARRIAGE INSTALLATION - FORK POSTIONING WITH FORKS (4.0 TON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091313	Ref	Fork Positioning Carriage with Forks (4.0 ton)	D
1	N.S.S.	1	Weldment	
2	70022922	2	Forks, (100X50X1200), (2000kg per fork)	
3	70021835	2	Rod Pin	
4	70026018	2	Nut	
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. CARRIAGE INSTALLATION - JCB (3614RS)

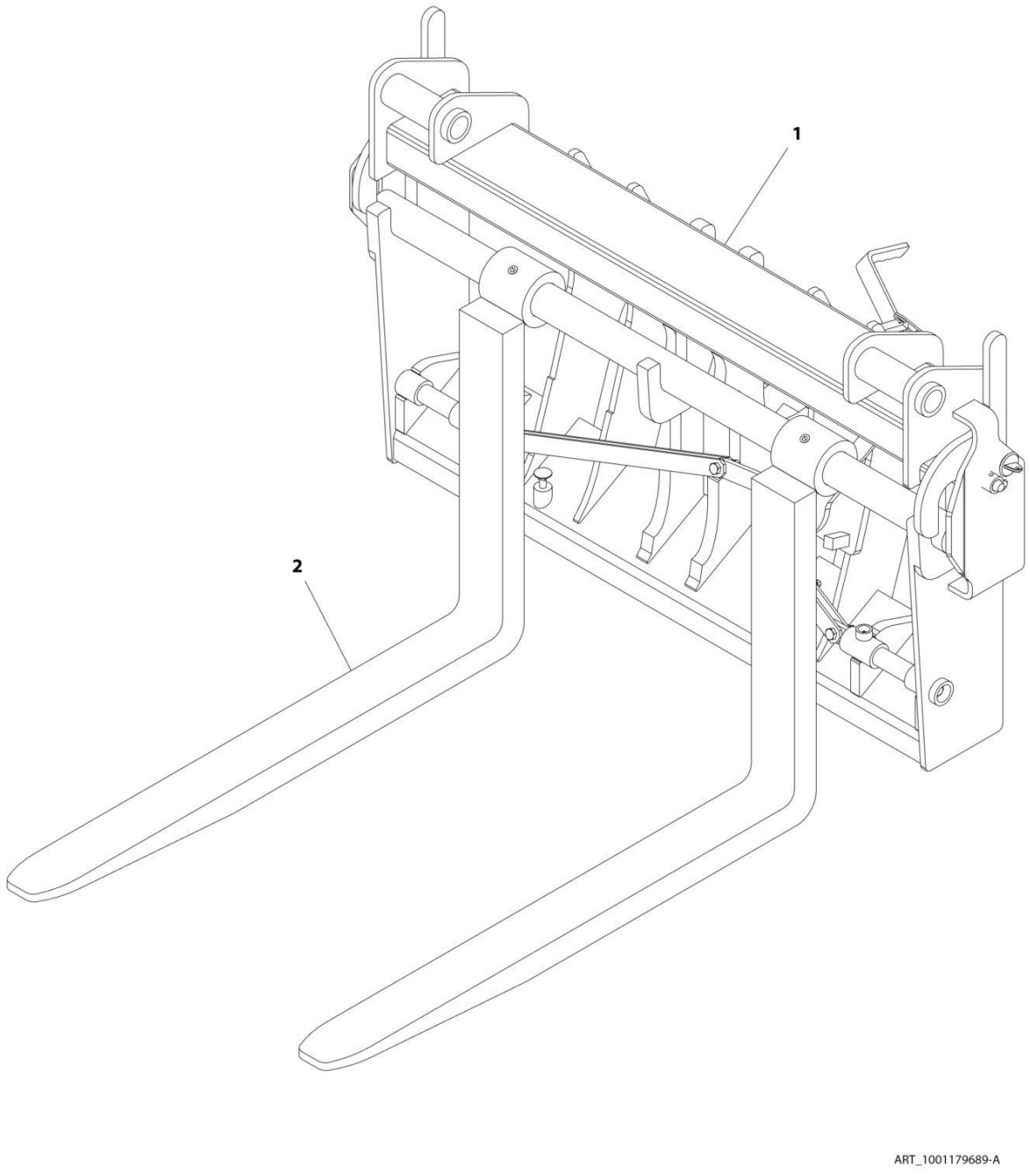


FIGURE 3-11. CARRIAGE INSTALLATION - JCB (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179689	Ref	JCB Carriage Installation	A
1	1001177869	1	Installation, JCB Coupler (See Separate Breakdown in this Section)	
2	1001111758	1	Assembly, JCB Fork (See Separate Breakdown in this Section)	
3	1001179683	1	Chart, Load Metric JCB Coupler (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	
4	1001179684	1	Chart, Load Metric JCB Coupler (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	

FIGURE 3-12. CARRIAGE INSTALLATION - JCB (4017RS)

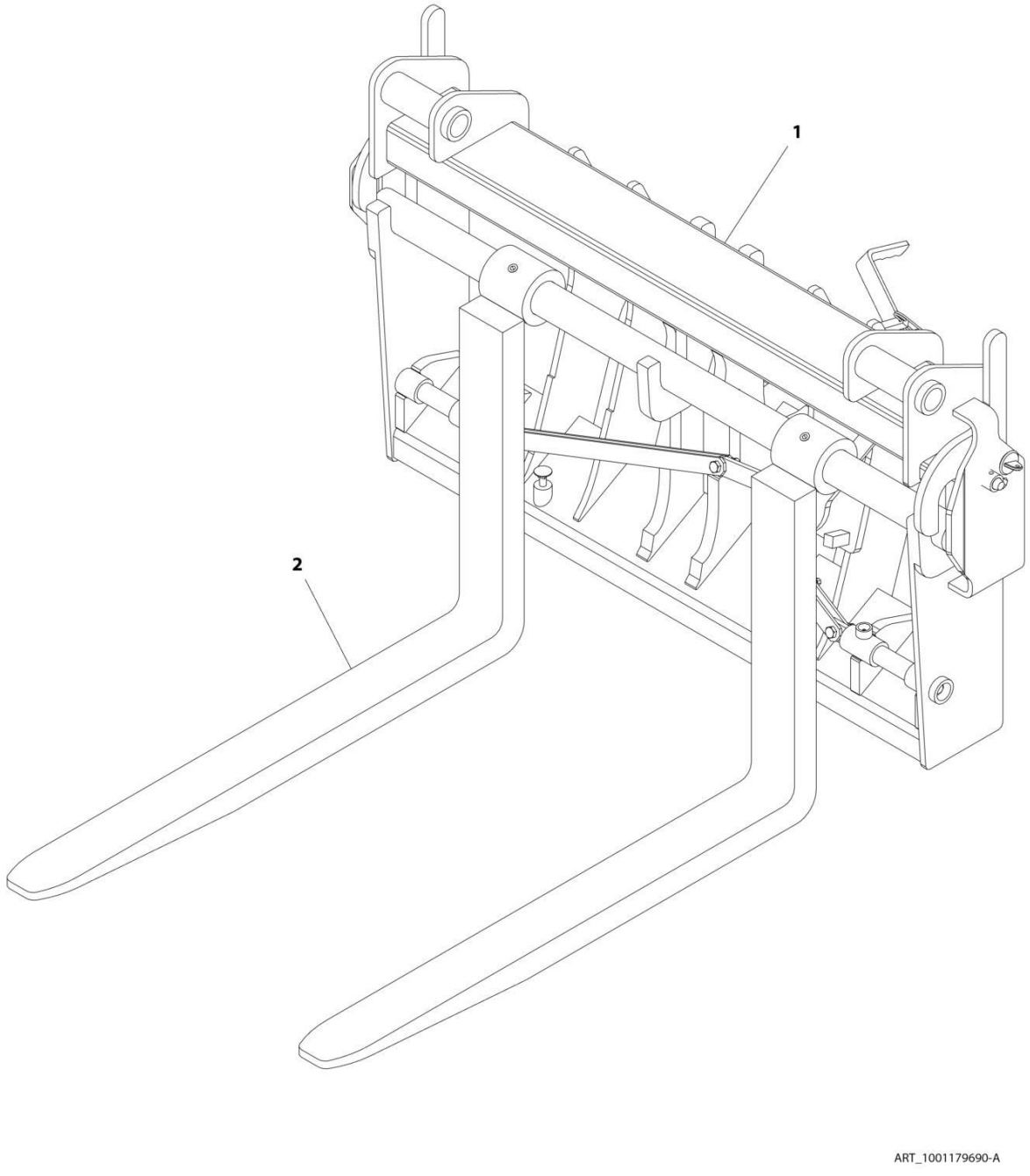


FIGURE 3-12. CARRIAGE INSTALLATION - JCB (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179690	Ref	JCB Carriage Installation	A
1	1001177869	1	Installation, JCB Coupler (See Separate Breakdown in this Section)	
2	1001111758	1	Assembly, JCB Fork (See Separate Breakdown in this Section)	
3	1001179685	1	Chart, Load Metric JCB Coupler (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
4	1001179686	1	Chart, Load Metric JCB Coupler (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	

FIGURE 3-13. CARRIAGE INSTALLATION - MANITOU (3614RS)

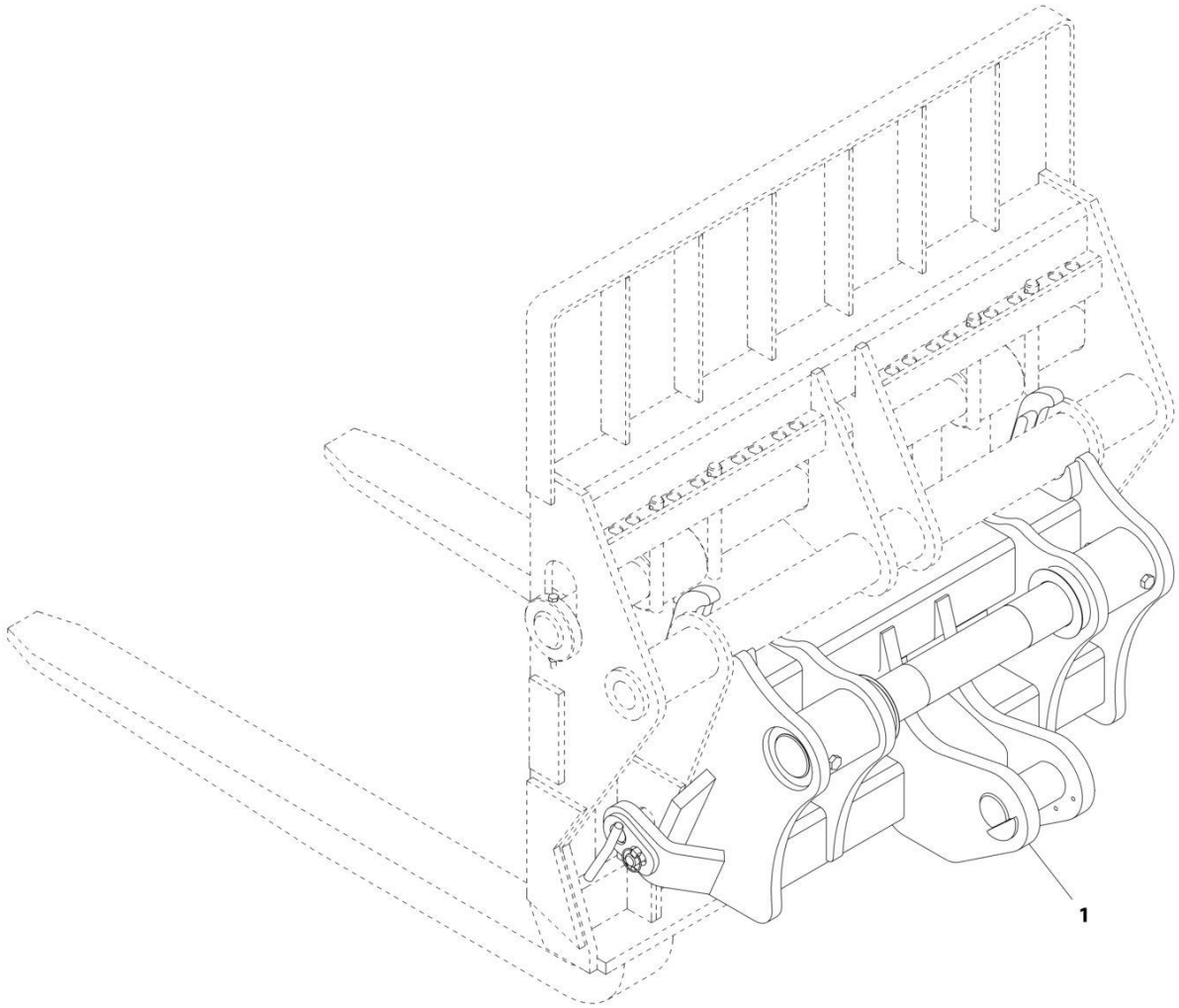


FIGURE 3-13. CARRIAGE INSTALLATION - MANITOU (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179687	Ref	Manitou Carriage Installation	A
1	1001177868	1	Installation, Manitou Coupler (See Separate Breakdown in this Section)	
2	1001179679	1	Chart, Load Manitou Carriage (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	
3	1001179680	1	Chart, Load Manitou Carriage (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	

FIGURE 3-14. CARRIAGE INSTALLATION - MANITOU (4017RS)

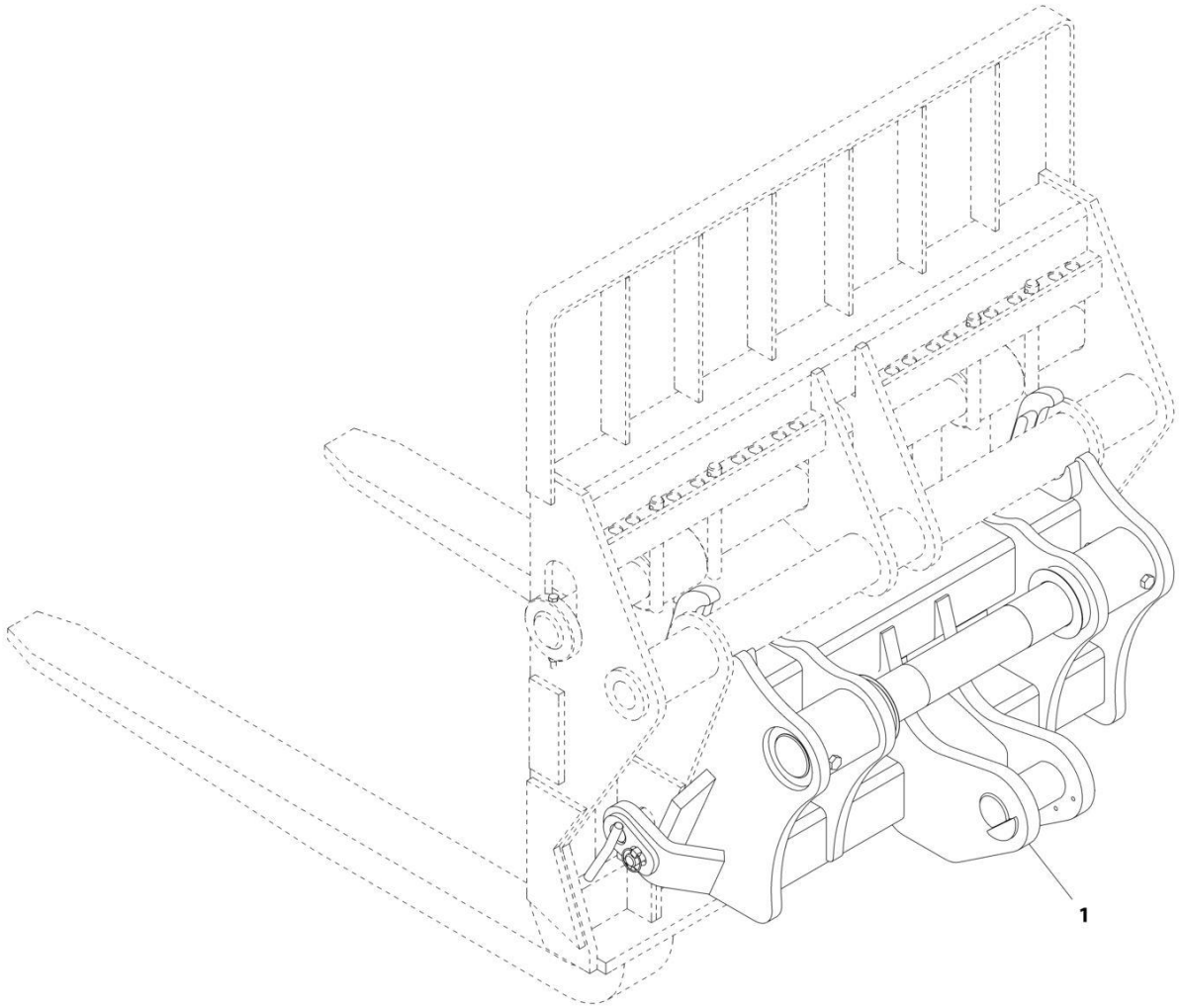


FIGURE 3-14. CARRIAGE INSTALLATION - MANITOU (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179688	Ref	Manitou Carriage Installation	A
1	1001177868	1	Installation, Manitou Coupler (See Separate Breakdown in this Section)	
2	1001179681	1	Chart, Load Manitou Carriage (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
3	1001179682	1	Chart, Load Manitou Carriage (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	

FIGURE 3-15. CARRIAGE ASSEMBLY - MANITOU FIT

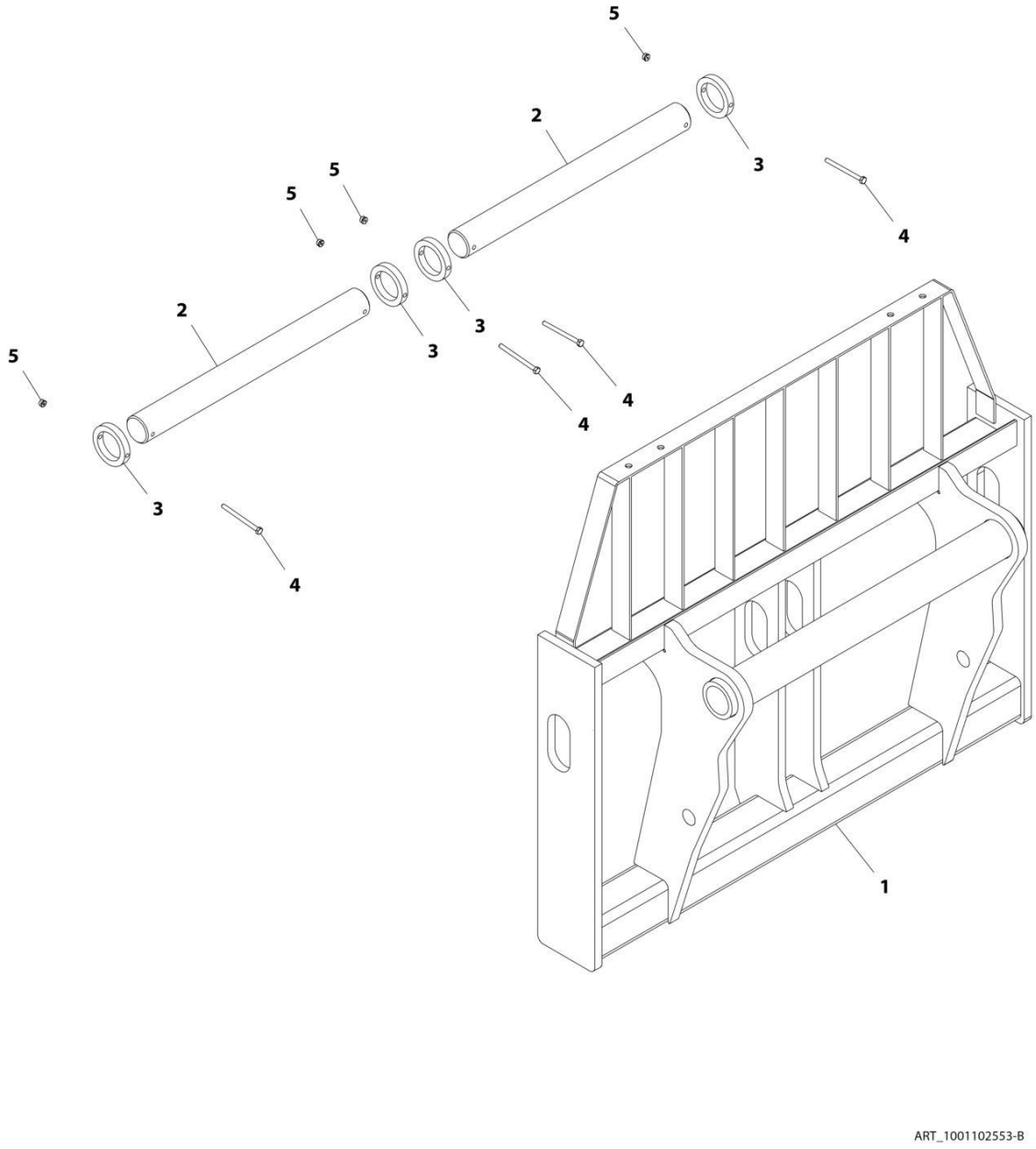


FIGURE 3-15. CARRIAGE ASSEMBLY - MANITOU FIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102553	Ref	Carriage Assembly (Manitou Fit)	B
1	NSS	1	Weldment, Carriage	
2	4040283	2	Shaft, Carriage	
3	3760508	4	Collar, Shaft	
4	0700827	4	Bolt, M8X100	
5	3290805	4	Nut, M8X1.25 Grade 8	

FIGURE 3-16. CARRIAGE - SIDE SHIFT (4.0 TON - 1255 MM)

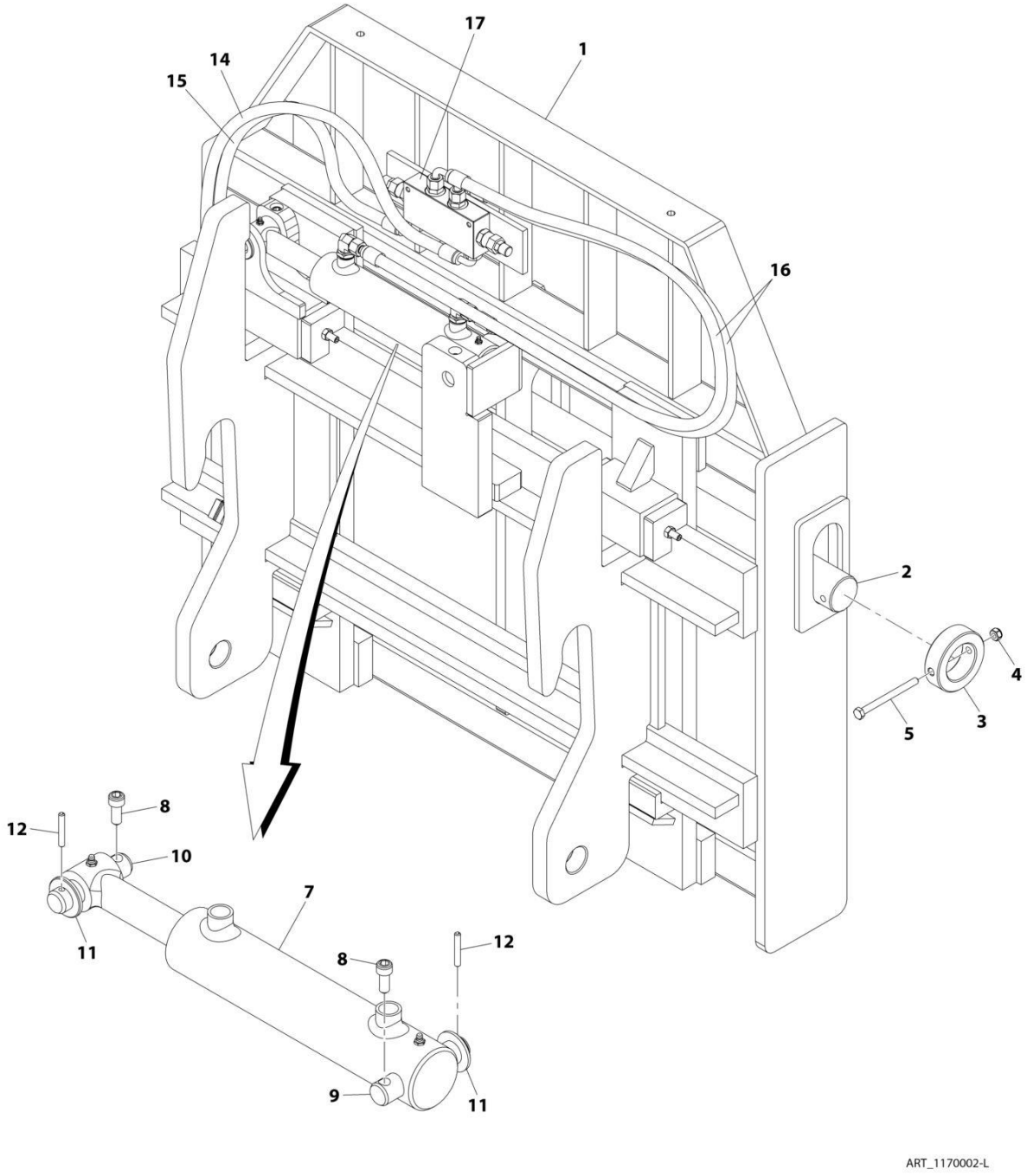


FIGURE 3-16. CARRIAGE - SIDE SHIFT (4.0 TON - 1255 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170002	Ref	Side Shift Carriage (4.0 ton - 1255 MM)	L
1	N.S.S.	1	Carriage, Side Shift	
2	7028136	1	Bar, Fork Carrier	
3	7028137	2	Collar	
4	3291005	2	Nut, Lock M10X1.5	
5	0701029	2	Bolt, M10X120	
7	70021558	1	Cylinder	
8	70021559	2	Bolt	
9	70021560	1	Pin	
10	70021561	1	Pin	
11	70021562	2	Washer	
12	70021563	2	Pin	
13	N.S.S.	1	Plate, Serial Number, (not shown)	
14	70029011	3	Hose	
15	70029012	1	Hose	
16	70029013	2	Hose	
17	70027291	1	Balancing Valve	

FIGURE 3-17. CARRIAGE INSTALLATION - SIDE SHIFT (3614RS)

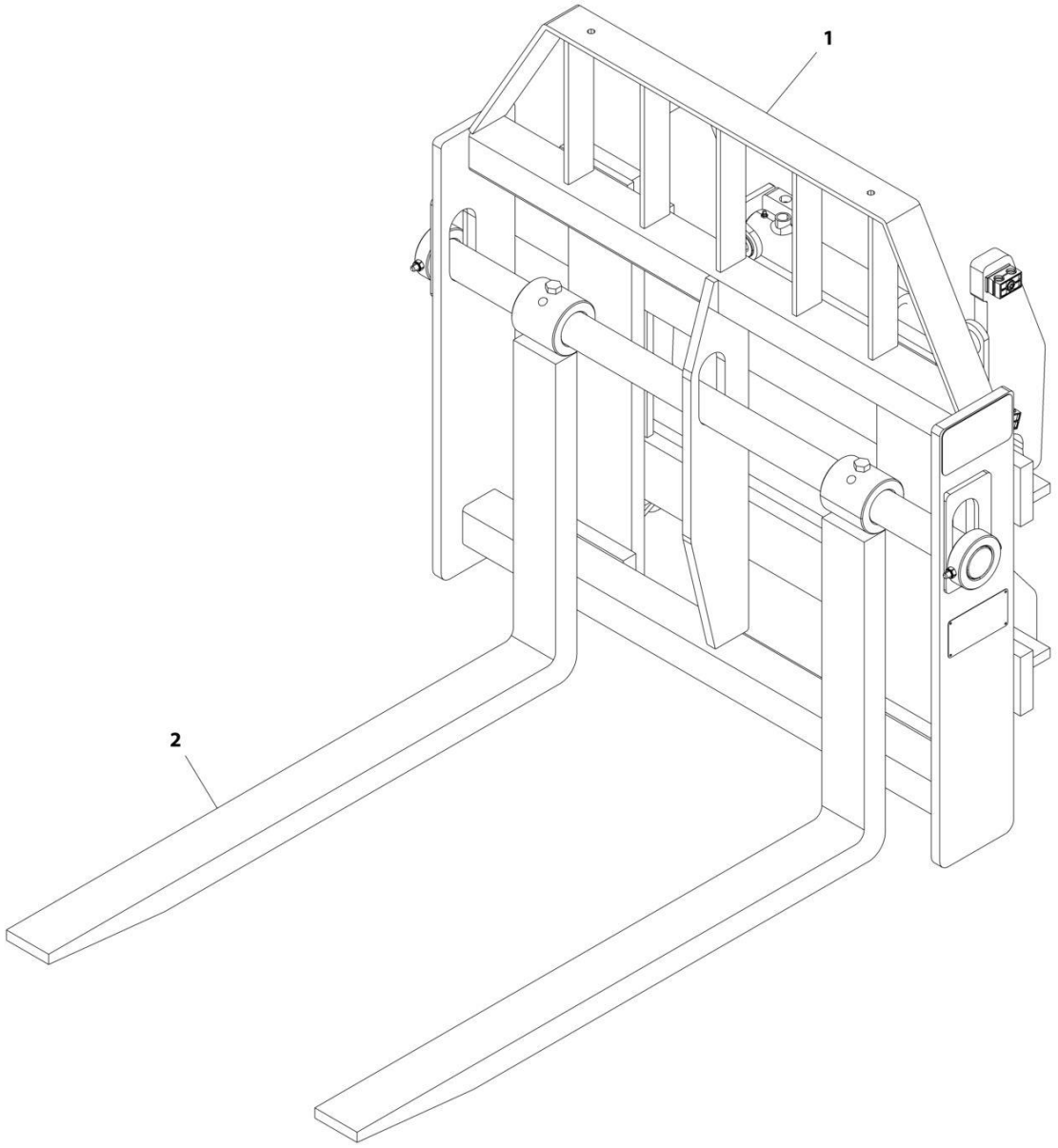


FIGURE 3-17. CARRIAGE INSTALLATION - SIDE SHIFT (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201185	Ref	Side Shift Carriage Installation	A
1	1170002	1	Carriage, Side Shift (See Separate Breakdown in this Section)	
2	2340030	1	Assembly, Fork Tine (See Separate Breakdown in this Section)	
3	1001201187	1	Chart, Load Metric Side Shift (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	
4	1001201188	1	Chart, Load Metric Side Shift (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	

FIGURE 3-18. CARRIAGE - SIDE SHIFT INSTALLATION (4017RS)

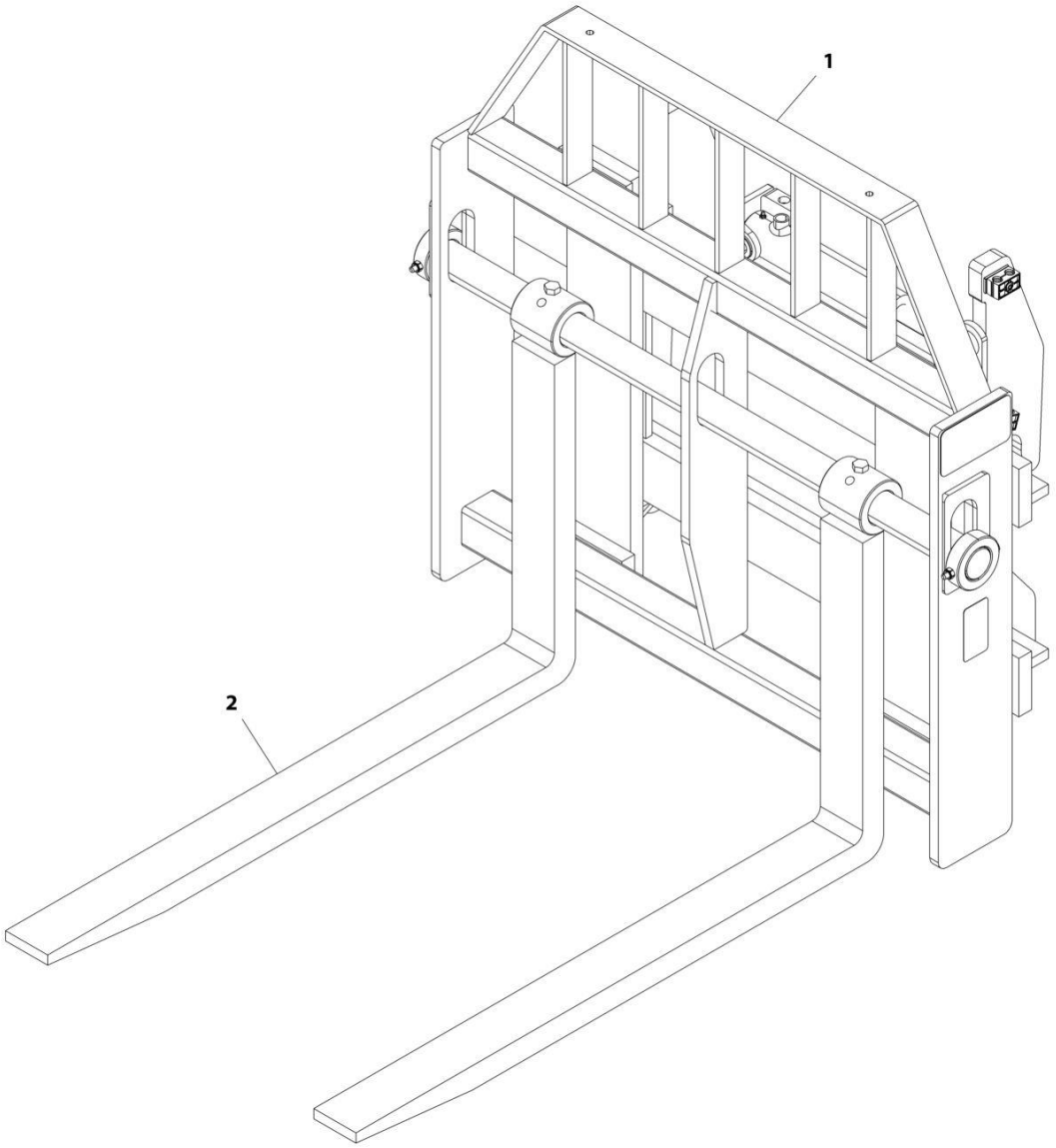


FIGURE 3-18. CARRIAGE - SIDE SHIFT INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201189	Ref	Side Shift Carriage Installation	A
1	1170002	1	Carriage, Side Shift (See Separate Breakdown in this Section)	
2	2340030	1	Assembly, Fork Tine (See Separate Breakdown in this Section)	
3	1001201190	1	Chart, Load Metric Side Shift (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
4	1001201191	1	Chart, Load Metric Side Shift (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	

FIGURE 3-19. COUPLER INSTALLATION - JCB

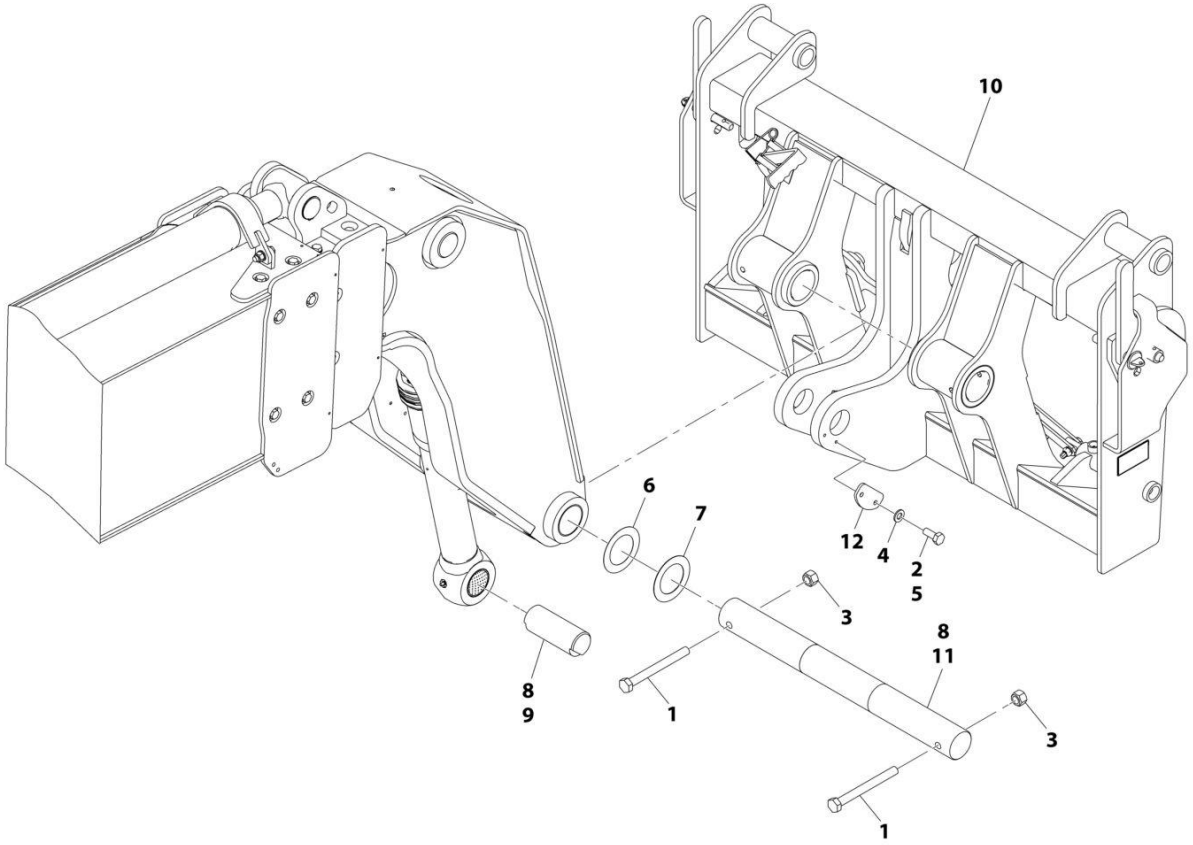


FIGURE 3-19. COUPLER INSTALLATION - JCB

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 Separate Breakdown in this Section)	
11	1001147843	1	Pin	
12	1001192350	1	Plate, Pin Retention	

FIGURE 3-20. COUPLER INSTALLATION - MANITOU

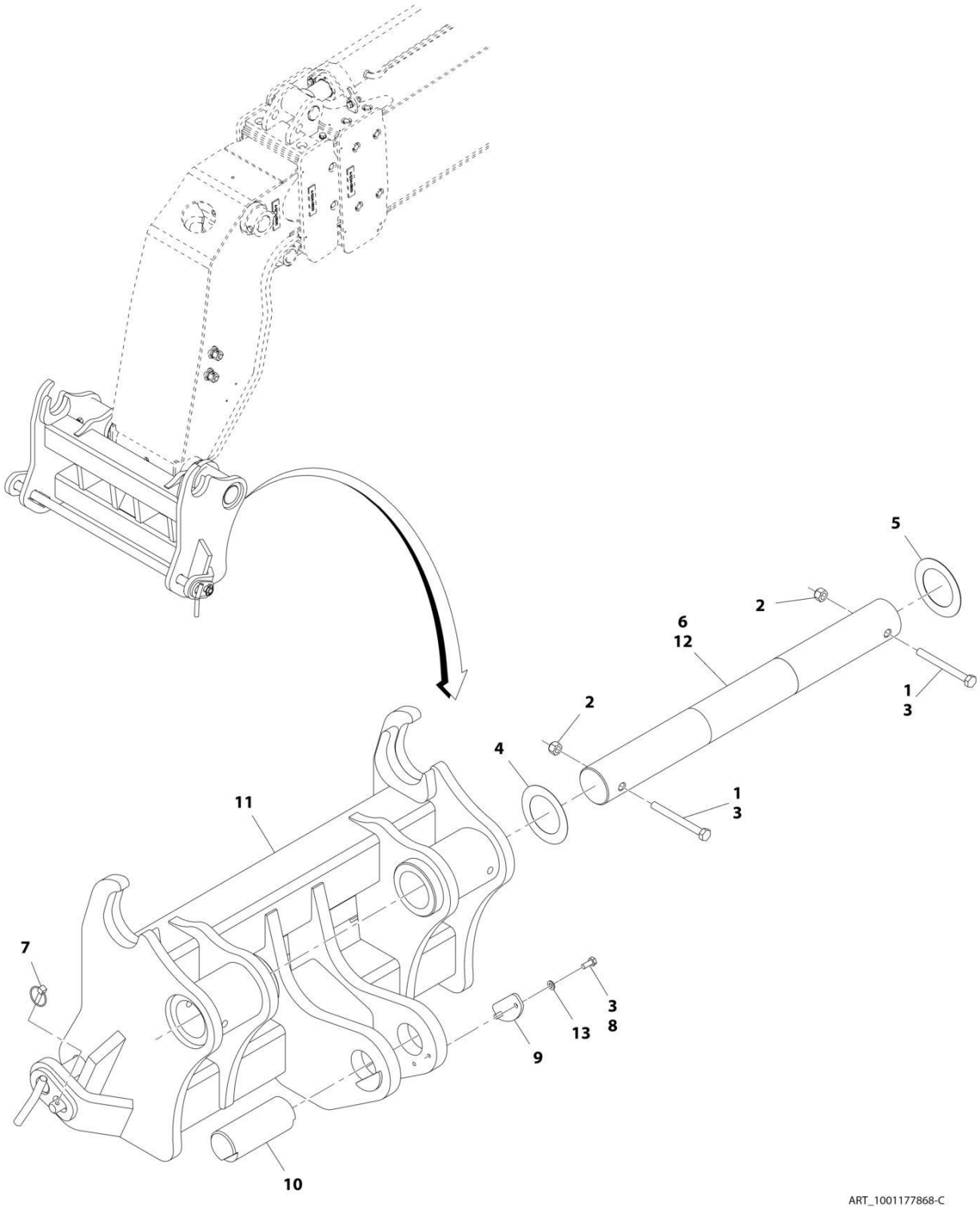


FIGURE 3-20. COUPLER INSTALLATION - MANITOU

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177868	Ref	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 3-21. FORK - PALLET (50X100X1200)

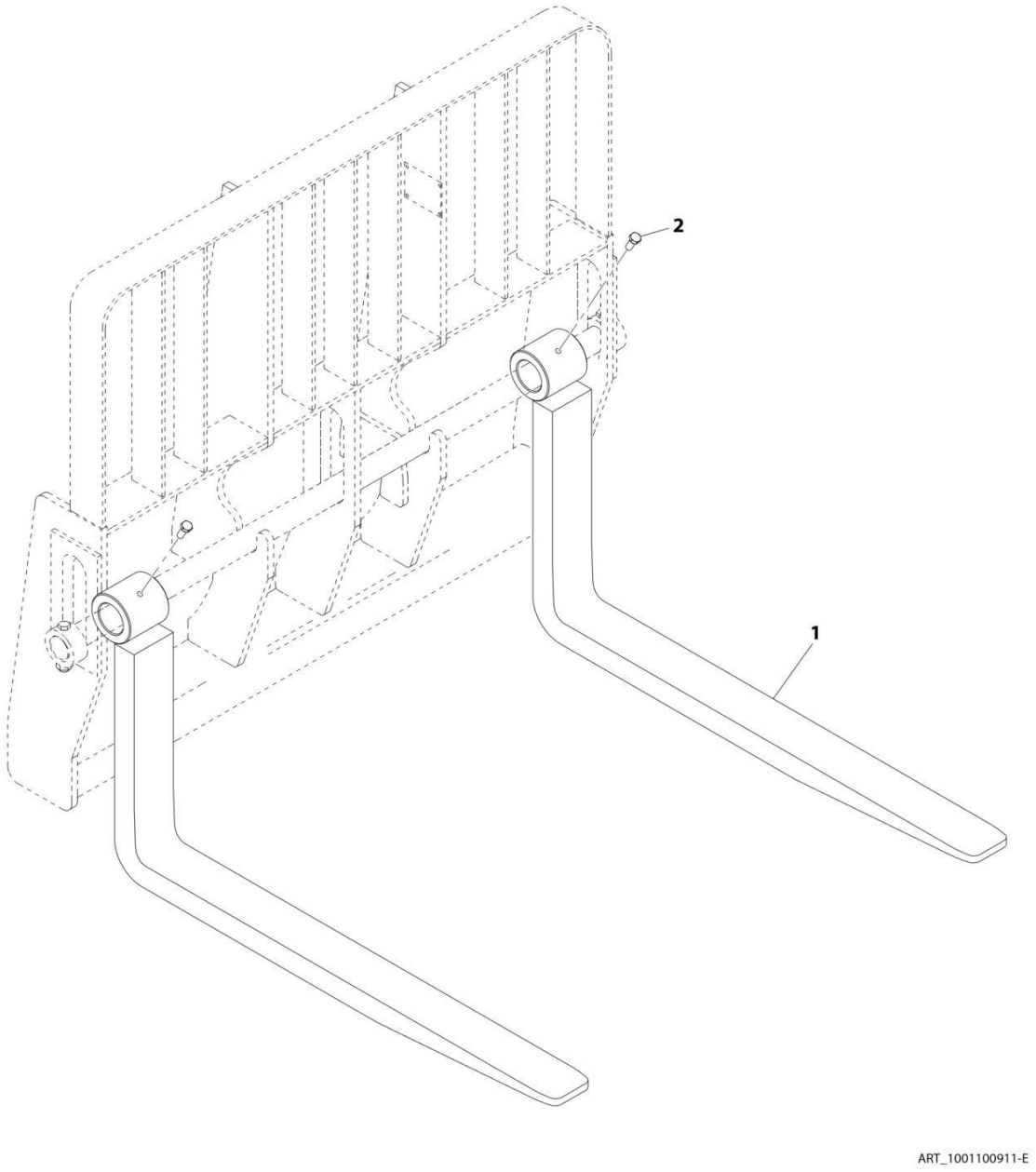


FIGURE 3-21. FORK - PALLET (50X100X1200)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001100911	1 pr	Pallet Fork (50X100X1220)	E
2	70027179	2	Screw	
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-22. FORK - PALLET (50X120X1200)

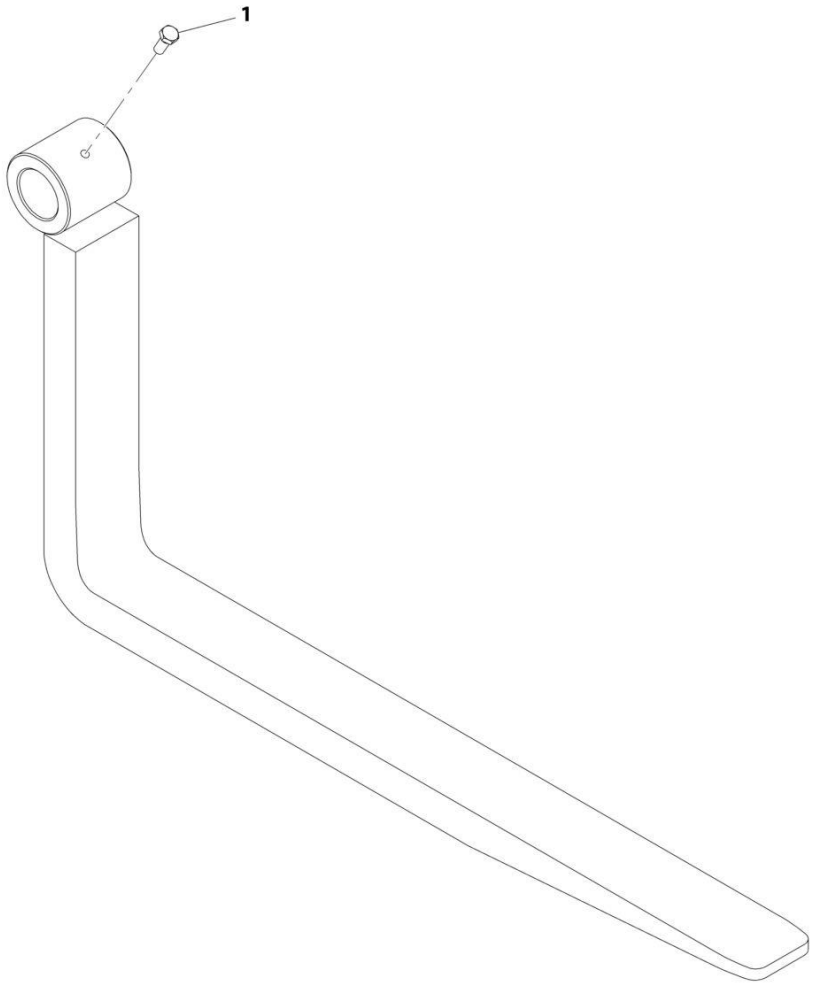


FIGURE 3-22. FORK - PALLET (50X120X1200)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117945	1 pr	Pallet Fork (50X120X1200)	C
1	0761612	2	Bolt, M16X25	
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-23. FORK TRANSPORT LATCH INSTALLATION

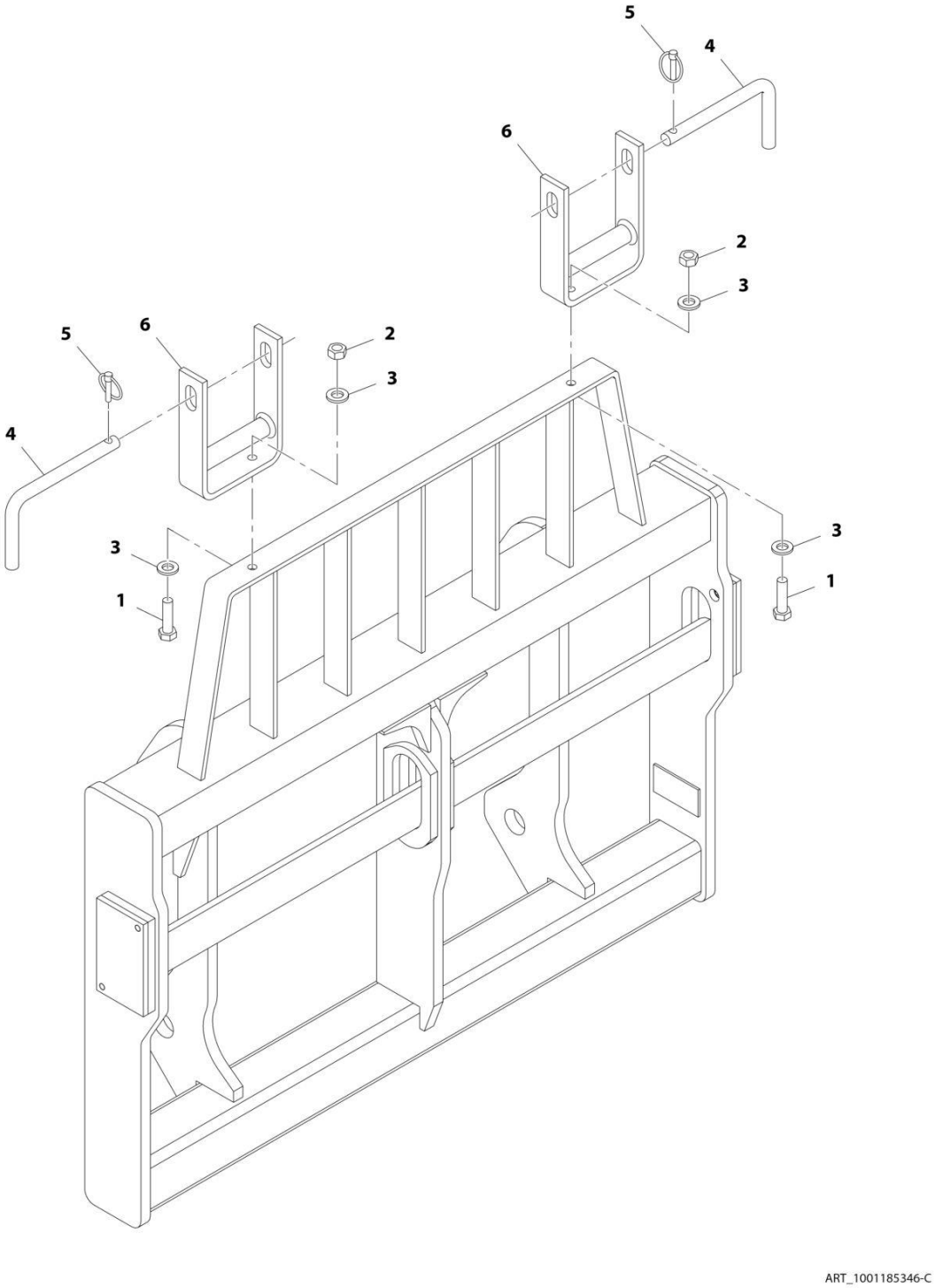
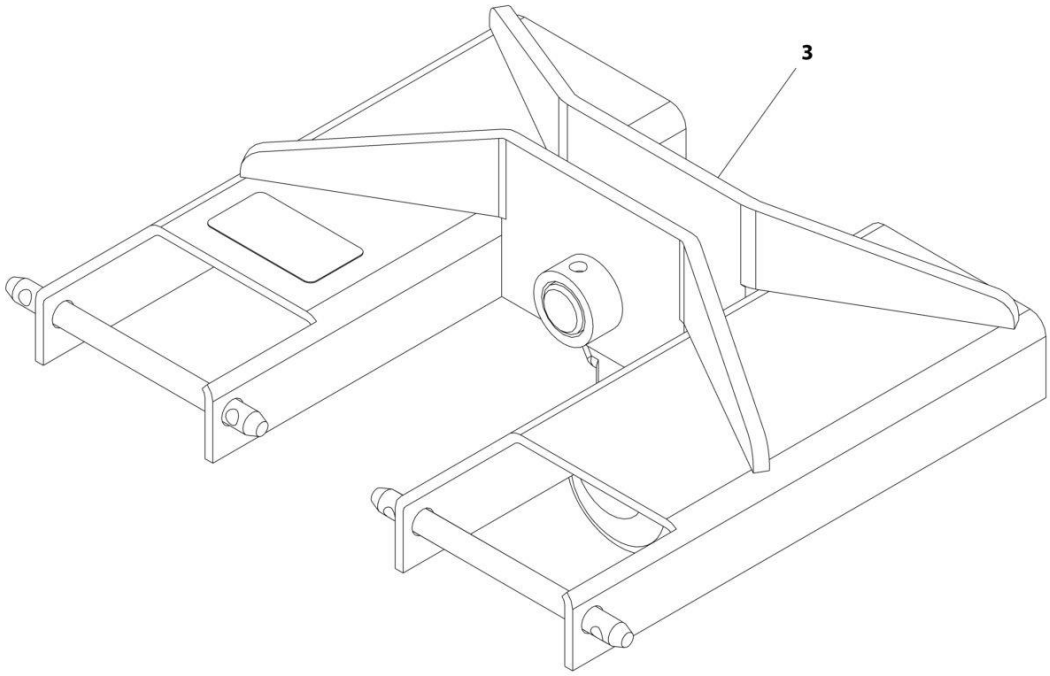


FIGURE 3-23. FORK TRANSPORT LATCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185346	Ref	Fork Transport Latch Installation	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 3-24. FORK AND HOOK INSTALLATION (3614RS)

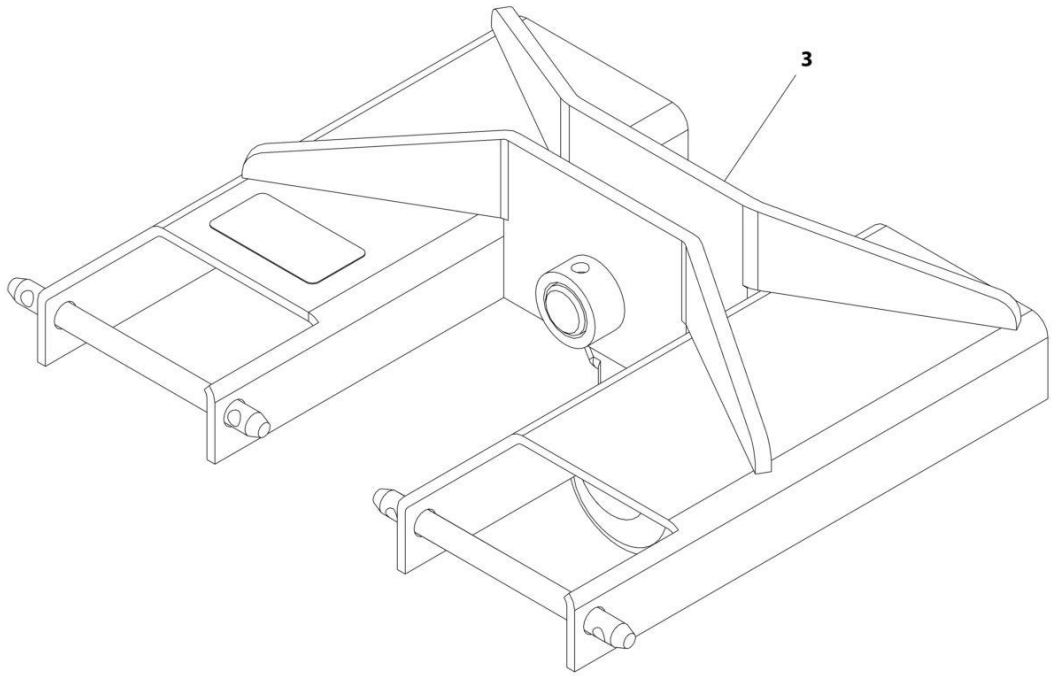


ART_1001180971-A

FIGURE 3-24. FORK AND HOOK INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180971	Ref	Installation, Fork and Hook	A
1	1001180963	1	Chart, Load Metric Fork Hook (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	
2	1001180964	1	Chart, Load Metric Fork Hook (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (3614RS)	
3	2700118	1	Hook, 4 Ton Fork (See Separate Breakdown in this Section)	

FIGURE 3-25. FORK AND HOOK INSTALLATION (4017RS)



ART_1001180972-A

FIGURE 3-25. FORK AND HOOK INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180972	Ref	Installation, Fork and Hook	A
1	1001180965	1	Chart, Load Metric Fork Hook (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
2	1001180966	1	Chart, Load Metric Fork Hook (Outriggers) (not shown) (See Separate Breakdown in DECAL Section) (4017RS)	
3	2700118	1	Hook, 4 Ton Fork (See Separate Breakdown in this Section)	

FIGURE 3-26. FORK MOUNTED HOOK (4 TON)

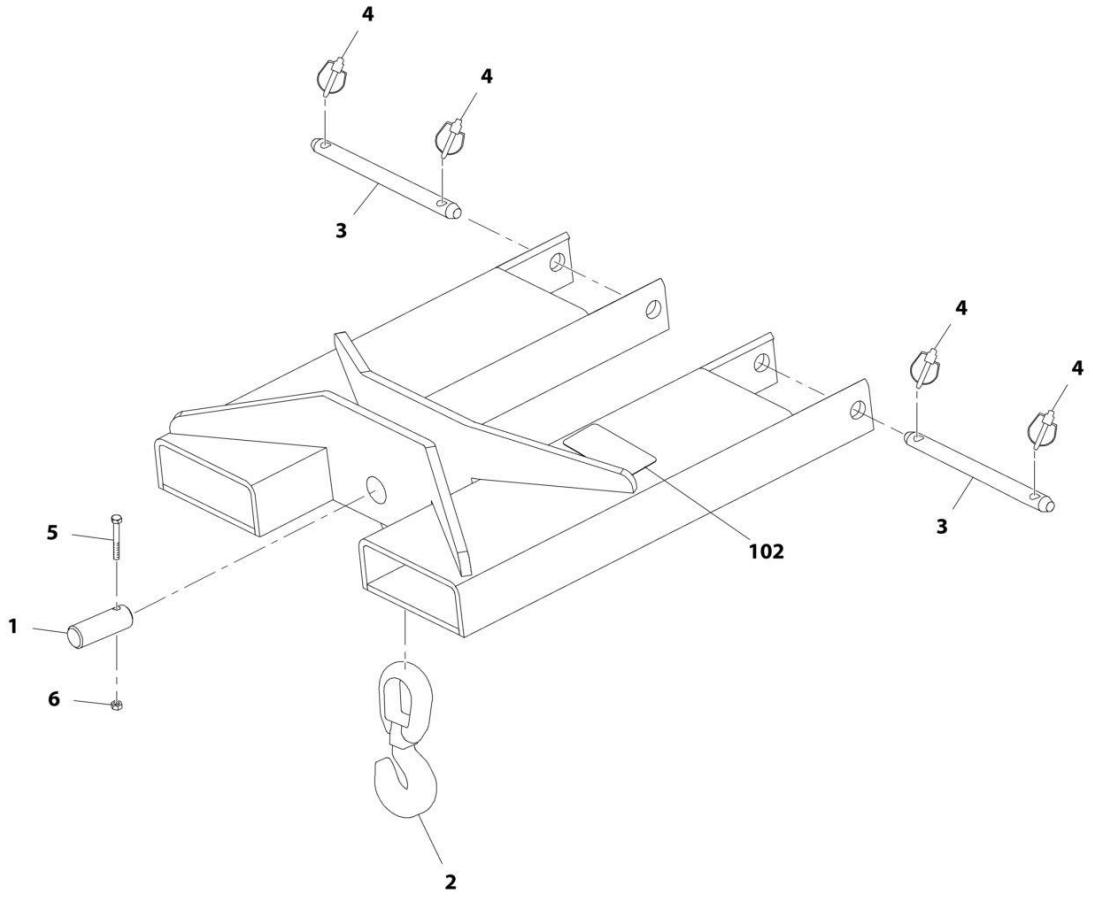


FIGURE 3-26. FORK MOUNTED HOOK (4 TON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2700118	Ref	Fork Mounted Hook (4 Ton)	E
1	70020201	1	Pin	
2	70020202	1	Hook	
3	70020203	2	Pin	
4	70020204	4	Pin, Retaining	
5	70020205	1	Bolt	
6	70020206	1	Nut, Self Locking	
102	N.S.S.	1	S/N Plate	

FIGURE 3-27. FORK AND HOOK CARRIAGE - 4FT

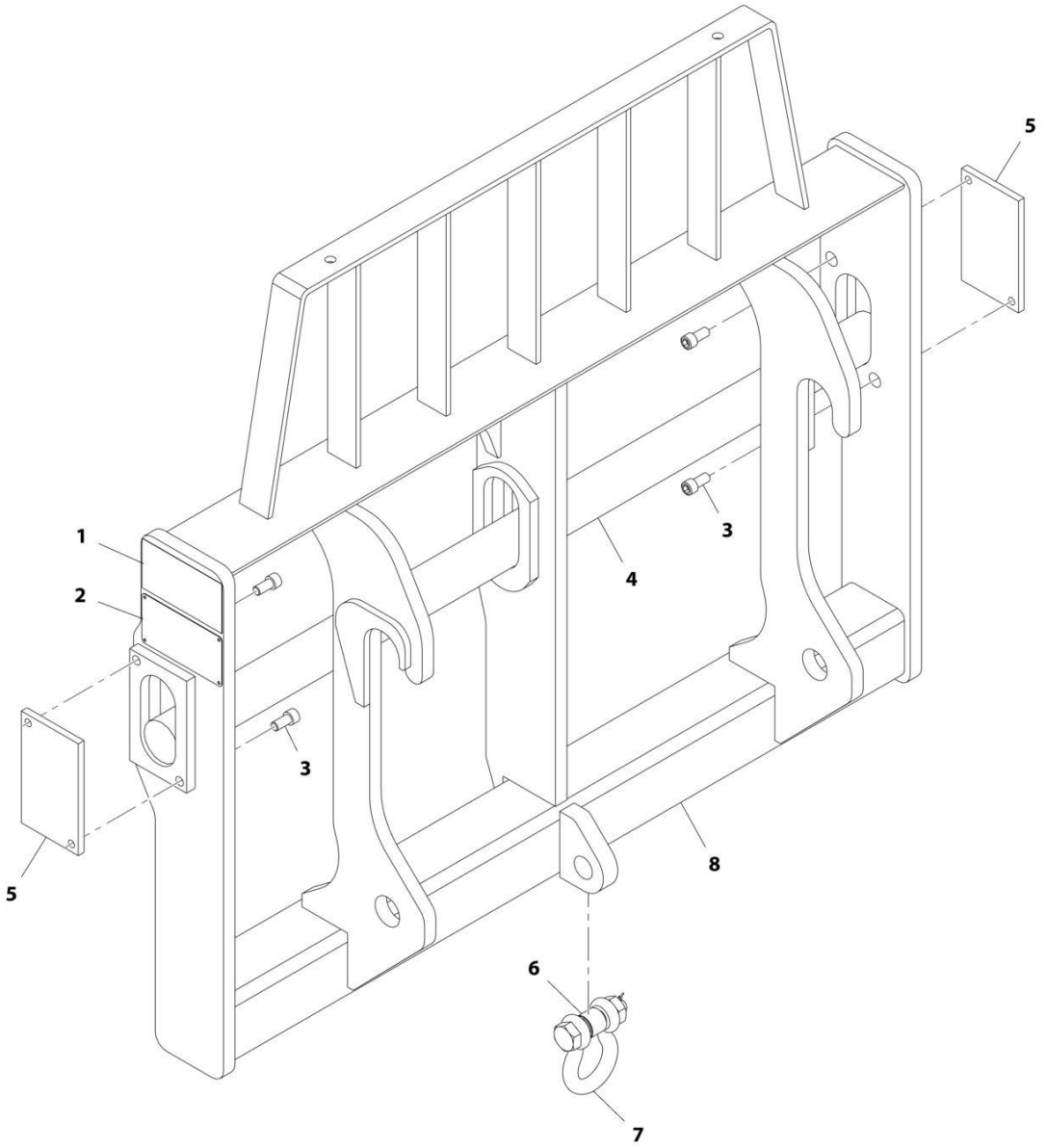


FIGURE 3-27. FORK AND HOOK CARRIAGE - 4FT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181380	Ref	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 3-28. TRUSS BOOM (1 TON - 3.4M)

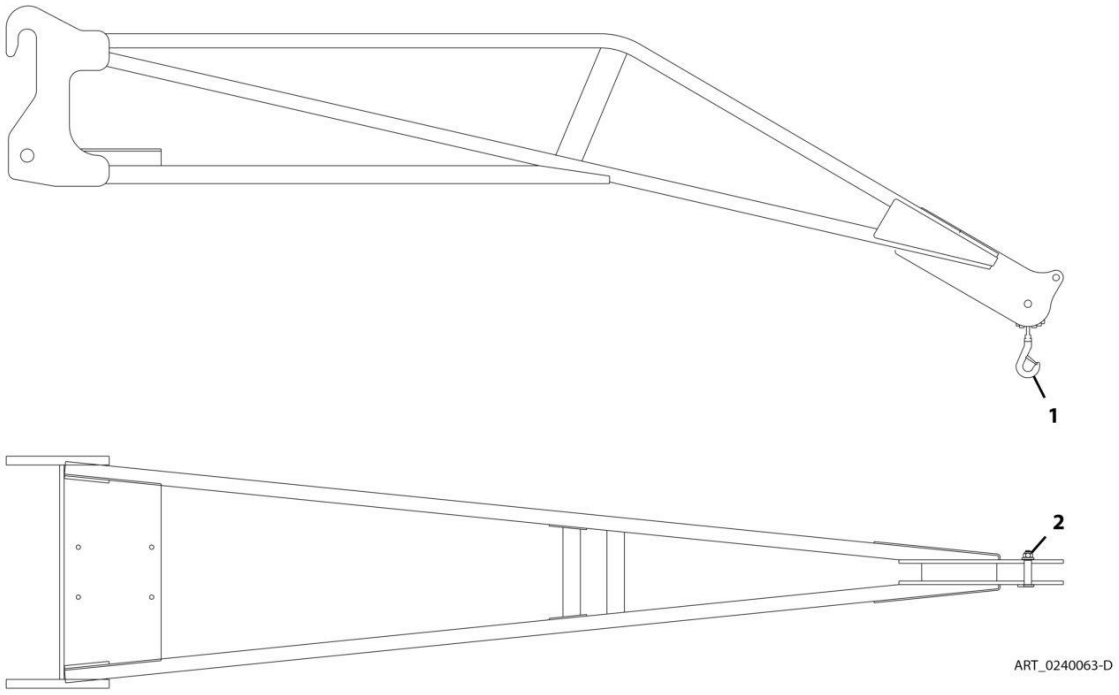


FIGURE 3-28. TRUSS BOOM (1 TON - 3.4M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240063	Ref	Truss Boom (1 Ton - 3.4M)	D
1	70020421	1	Hook	
2	70020422	1	Bolt	

FIGURE 3-29. TRUSS BOOM (4000 KG)

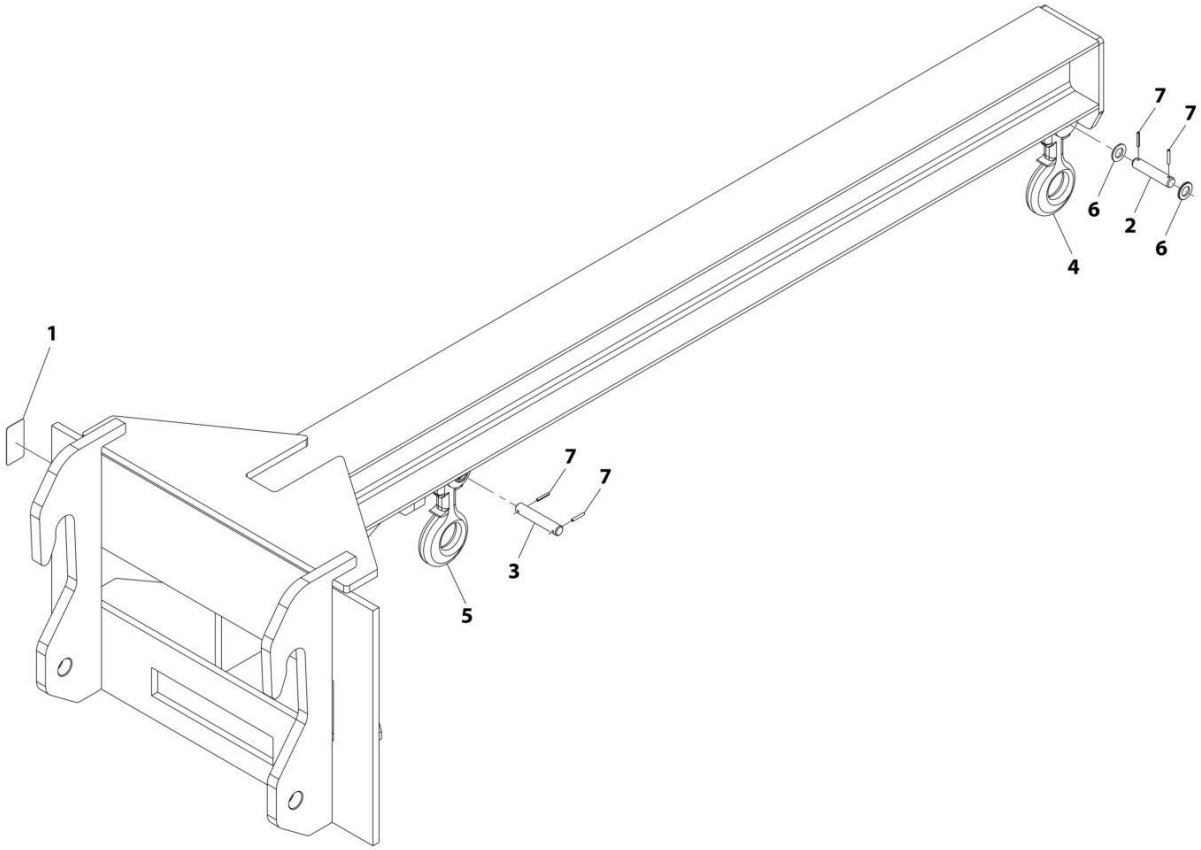
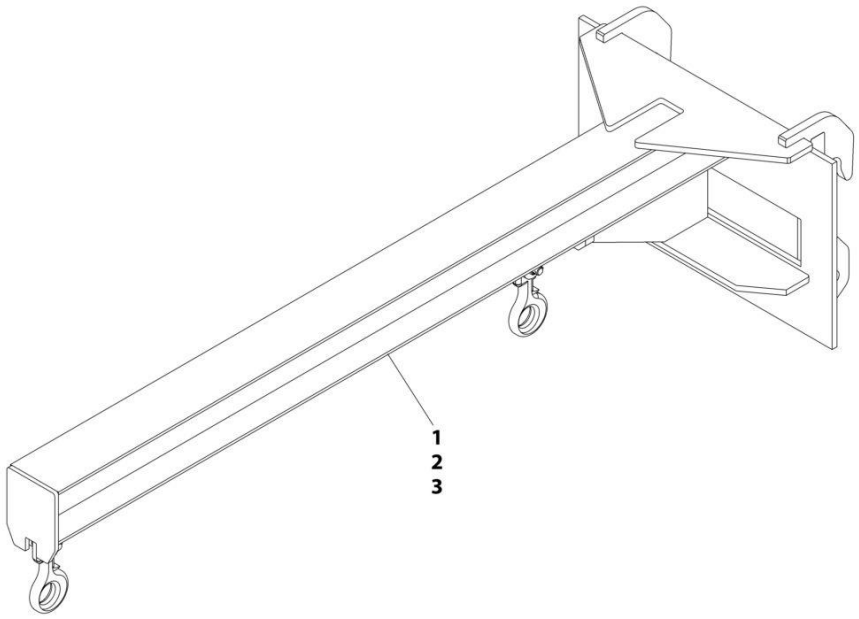


FIGURE 3-29. TRUSS BOOM (4000 KG)

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 3-30. TRUSS BOOM (4000 KG) (3614RS)

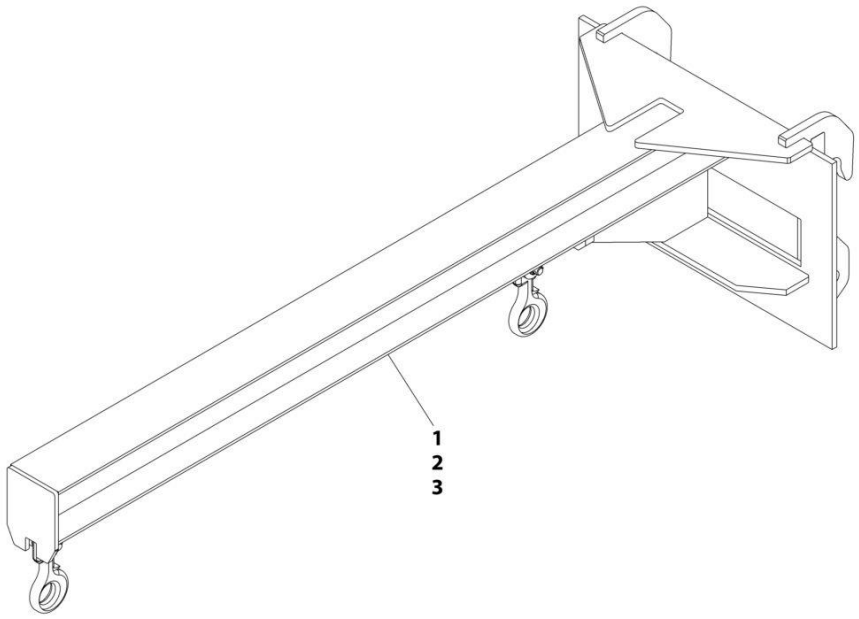


ART_1001234005-A

FIGURE 3-30. TRUSS BOOM (4000 KG) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234005	Ref	Truss Boom 4000 KG	A
1	1001223184	1	Truss Boom (See Separate Breakdown in this Section)	
2	1001225859	1	Chart, Load Metric Truss Boom 4000 KG (3614RS)	
3	1001225860	1	Chart, Load Metric Truss Boom 4000 KG Stab (3614RS)	

FIGURE 3-31. TRUSS BOOM (4000 KG) (4017RS)



ART_1001234055-A

FIGURE 3-31. TRUSS BOOM (4000 KG) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234055	Ref	Truss Boom 4000 KG	A
1	1001223184	1	Truss Boom (See Separate Breakdown in this Section)	
2	1001225861	1	Load Chart	
3	1001225862	1	Chart, Load Metric Truss Boom 4000 KG Stab (4017RS)	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION - 55KW (ULS)

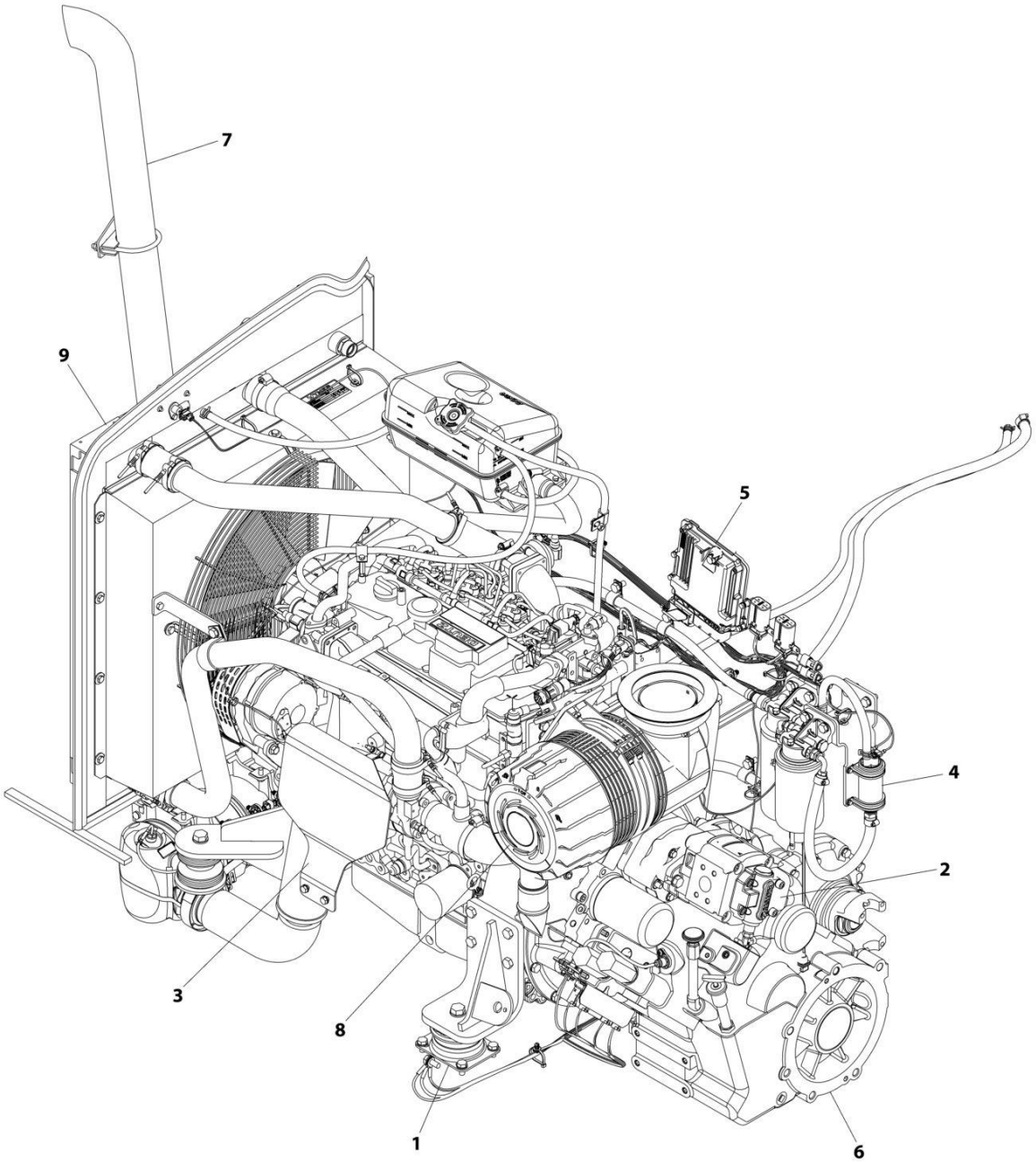


FIGURE 4-1. ENGINE INSTALLATION - 55KW (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236939	Ref	Engine Installation, 55KW	B
1	1001141152	1	Engine Mounting Installation (See Separate Breakdown in this Section)	
2	1001147693	1	Hydraulic Pump Installation (See Separate Breakdown in this Section)	
3	1001150208	1	Turbo Shield Installation (See Separate Breakdown in this Section)	
4	1001171302	1	Fuel Lines Installation (See Separate Breakdown in this Section)	
5	1001236915	1	Engine Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
6	1001236919	1	Engine & Transmission Installation (See Separate Breakdown in this Section)	
7	1001236929	1	Exhaust System Installation (See Separate Breakdown in this Section)	
8	1001236938	1	Air System 55KW Installation (See Separate Breakdown in this Section)	
9	1001237153	1	Cooling System 55KW Installation (See Separate Breakdown in this Section)	

FIGURE 4-2. ENGINE INSTALLATION - 74KW (LS)

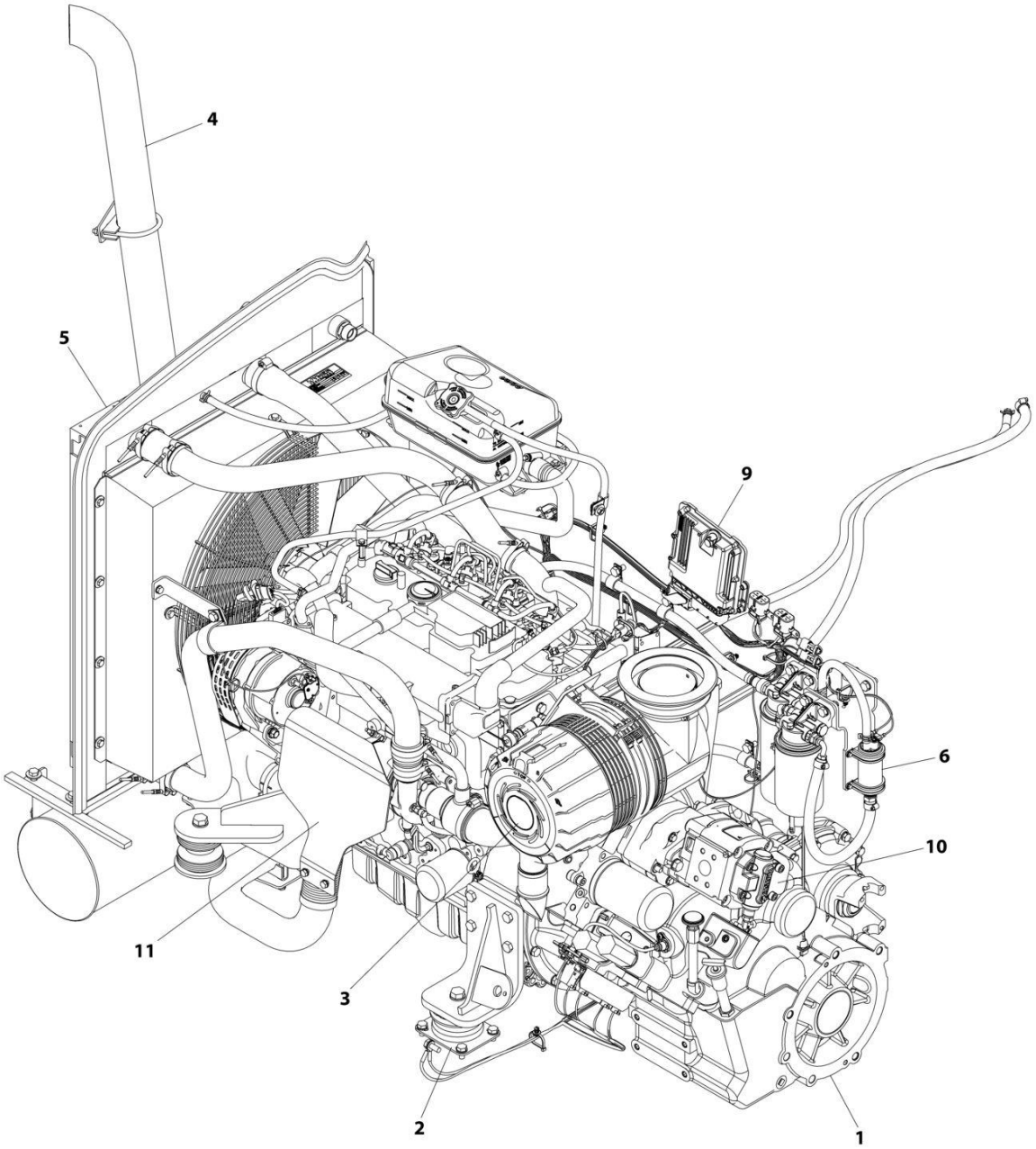


FIGURE 4-2. ENGINE INSTALLATION - 74KW (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144456	Ref	Engine Installation, 74KW (LS)	E
1	1001171221	1	Engine and Transmission Installation (See Separate Breakdown in this Section)	
2	1001141152	1	Engine Mounting Installation (See Separate Breakdown in this Section)	
3	1001141199	1	Air System Installation (See Separate Breakdown in this Section)	
4	1001157438	1	Exhaust System Installation (See Separate Breakdown in this Section)	
5	1001141612	1	Cooling System Installation (See Separate Breakdown in this Section)	
6	1001171302	1	Fuel Lines Installation (See Separate Breakdown in this Section)	
9	1001239322	1	Engine Electrical Installation (See Separate Breakdown in ELECTRICAL Section)	
10	1001147693	1	Hydraulic Pump Installation (See Separate Breakdown in this Section)	
11	1001150208	1	Turbo Shield Installation (See Separate Breakdown in this Section)	

FIGURE 4-3. ENGINE AND TRANSMISSION INSTALLATION - 55KW (ULS)

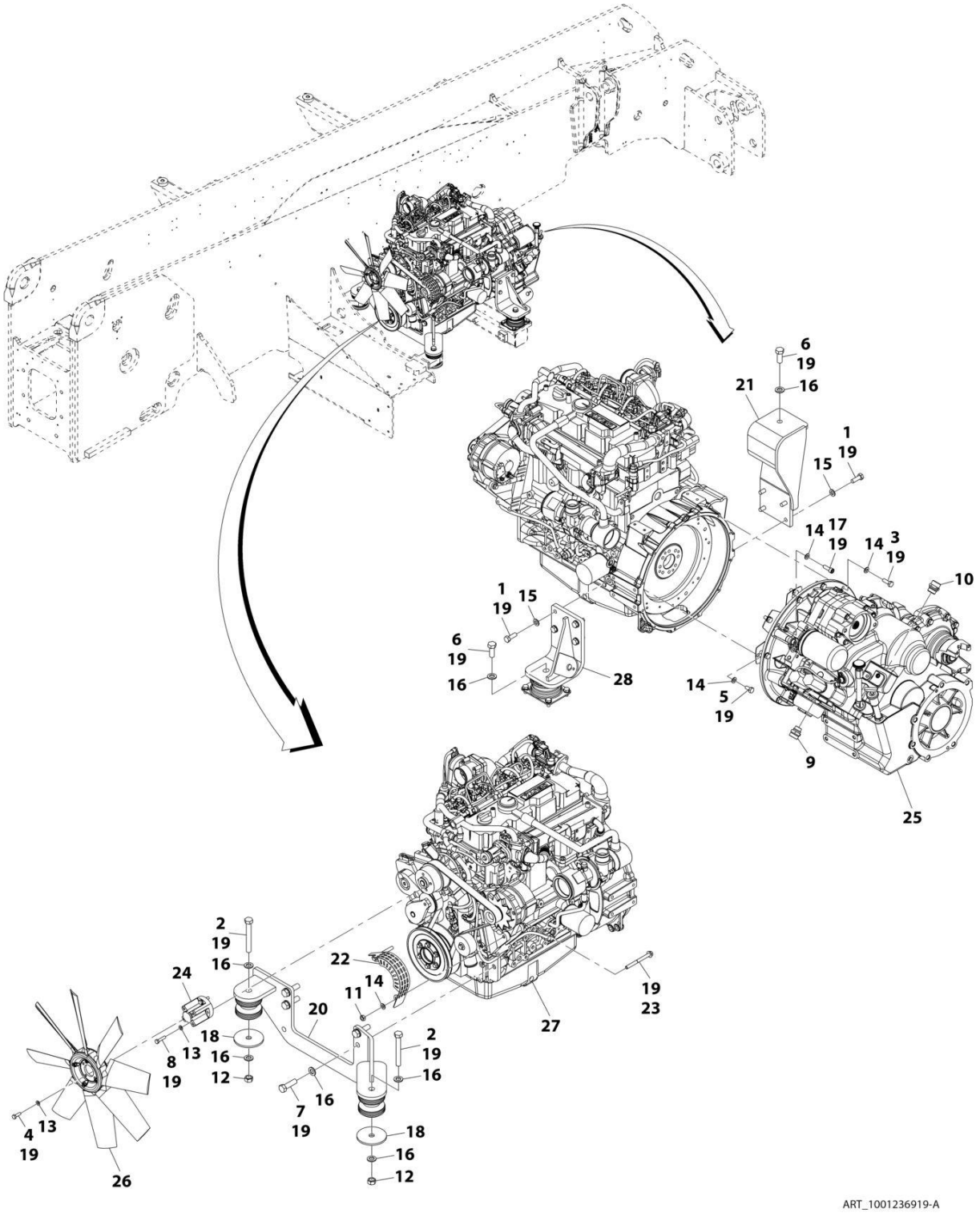


FIGURE 4-3. ENGINE AND TRANSMISSION INSTALLATION - 55KW (ULS)

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 4-4. ENGINE AND TRANSMISSION INSTALLATION - 74KW (LS)

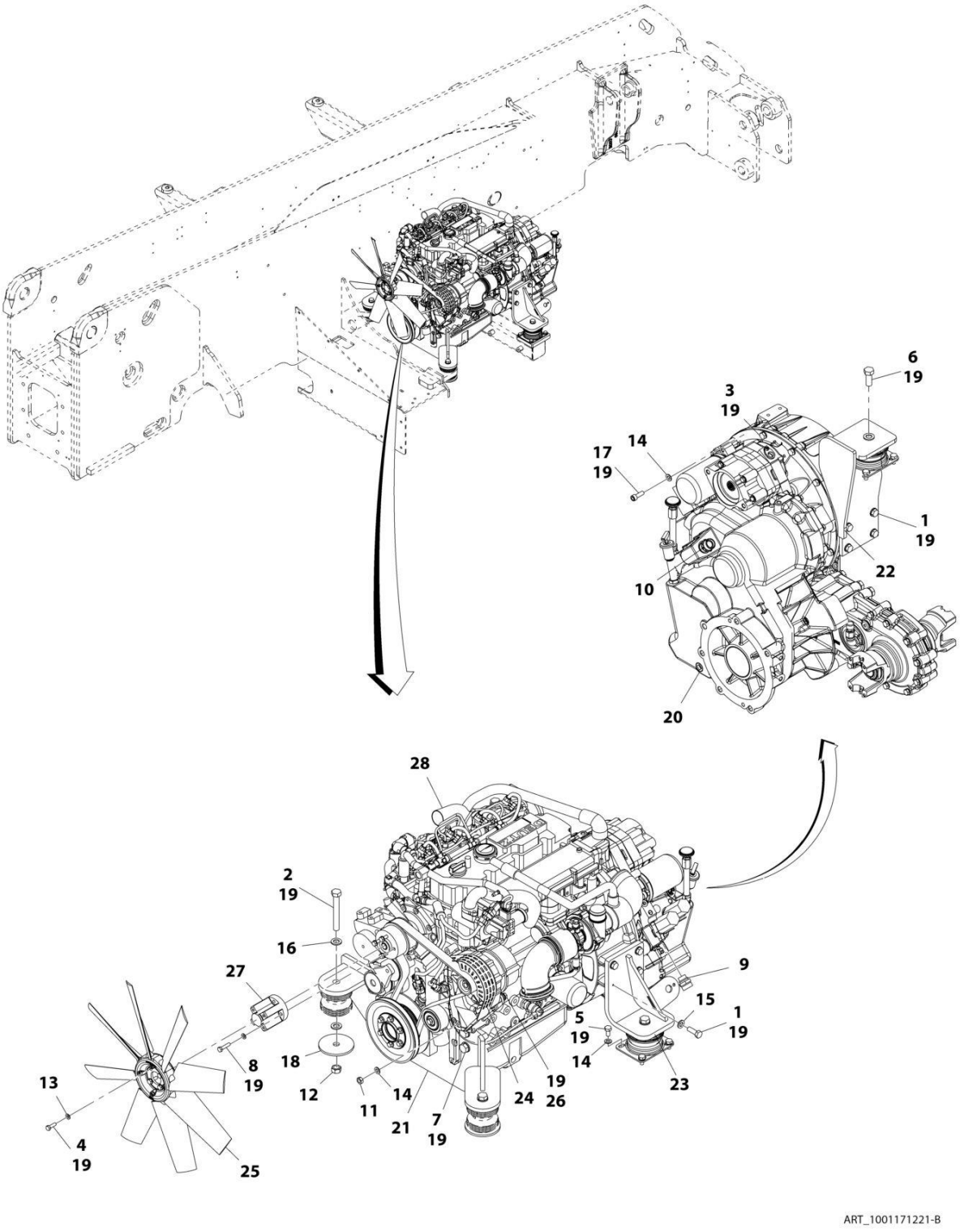
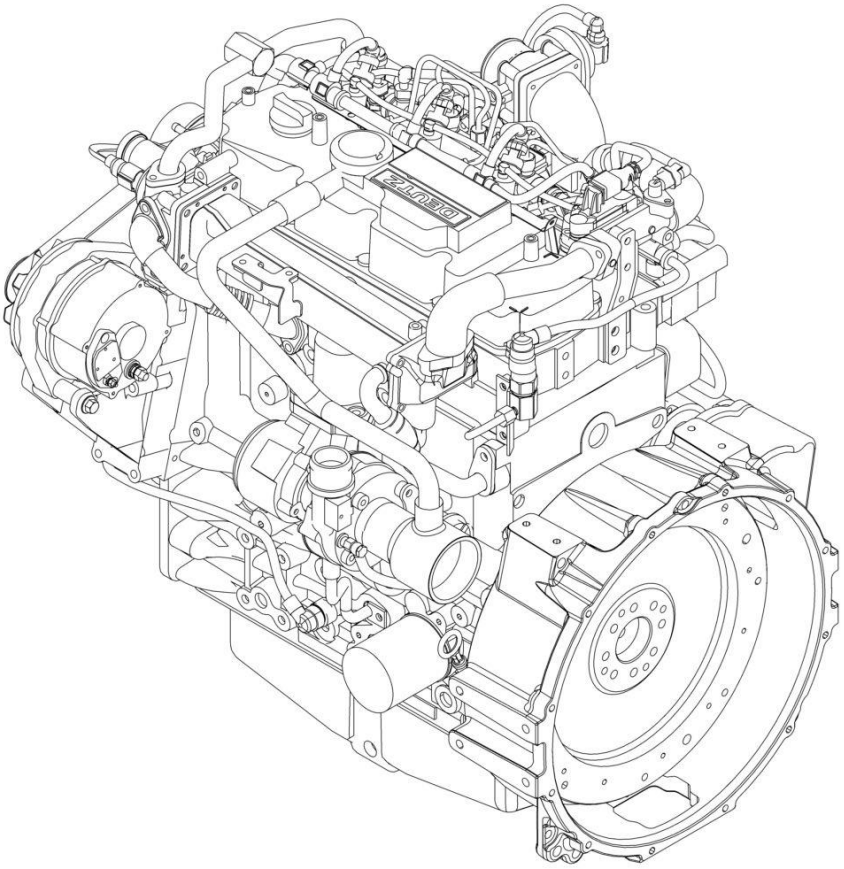


FIGURE 4-4. ENGINE AND TRANSMISSION INSTALLATION - 74KW (LS)

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 Separate Breakdown in DRIVETRAIN Section)	
21	1001141093	1	Bracket, Engine Mount	
22	1001141097	1	Bracket, Engine Mount	
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. ENGINE, DEUTZ - 55 KW (ULS)

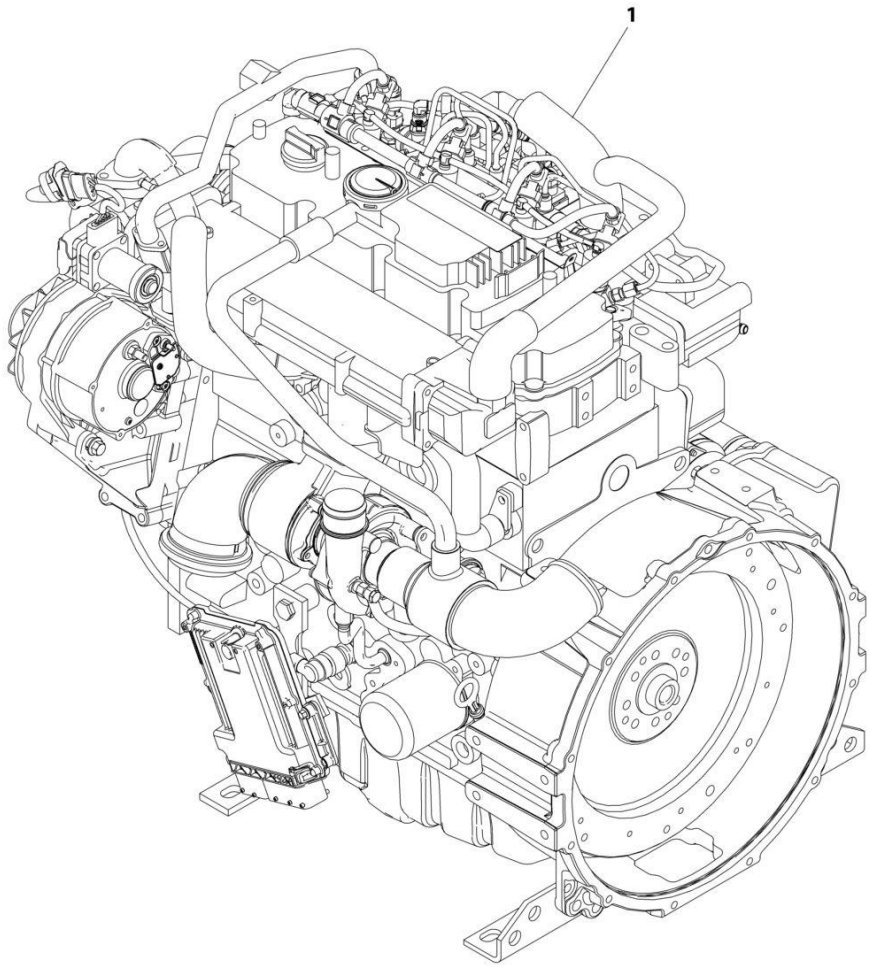


ART_1001236164-B

FIGURE 4-5. ENGINE, DEUTZ - 55 KW (ULS)

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	

FIGURE 4-6. ENGINE, DEUTZ - 74.4KW (LS)



ART_1001171223-D

FIGURE 4-6. ENGINE, DEUTZ - 74.4KW (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171223	Ref	Engine, Deutz TCD 3.6 L4 (FOR ENGINE PARTS INFORMATION REFER TO DEUTZ ENGINE PARTS MANUAL 31211006 AND 31211007)	D

FIGURE 4-7. FUEL LINES INSTALLATION

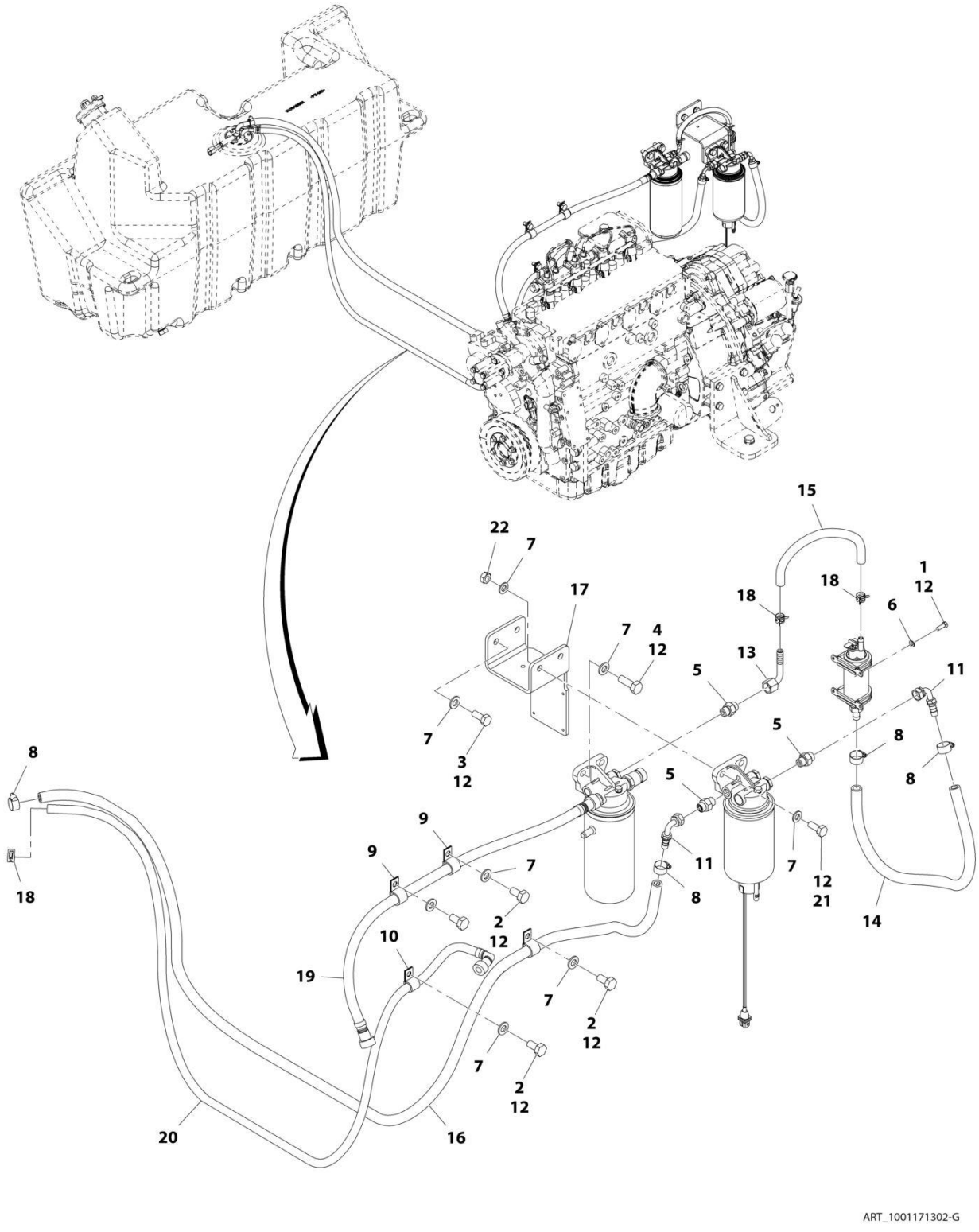


FIGURE 4-7. FUEL LINES INSTALLATION

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 4-8. AIR SYSTEM INSTALLATION - 55KW (ULS)

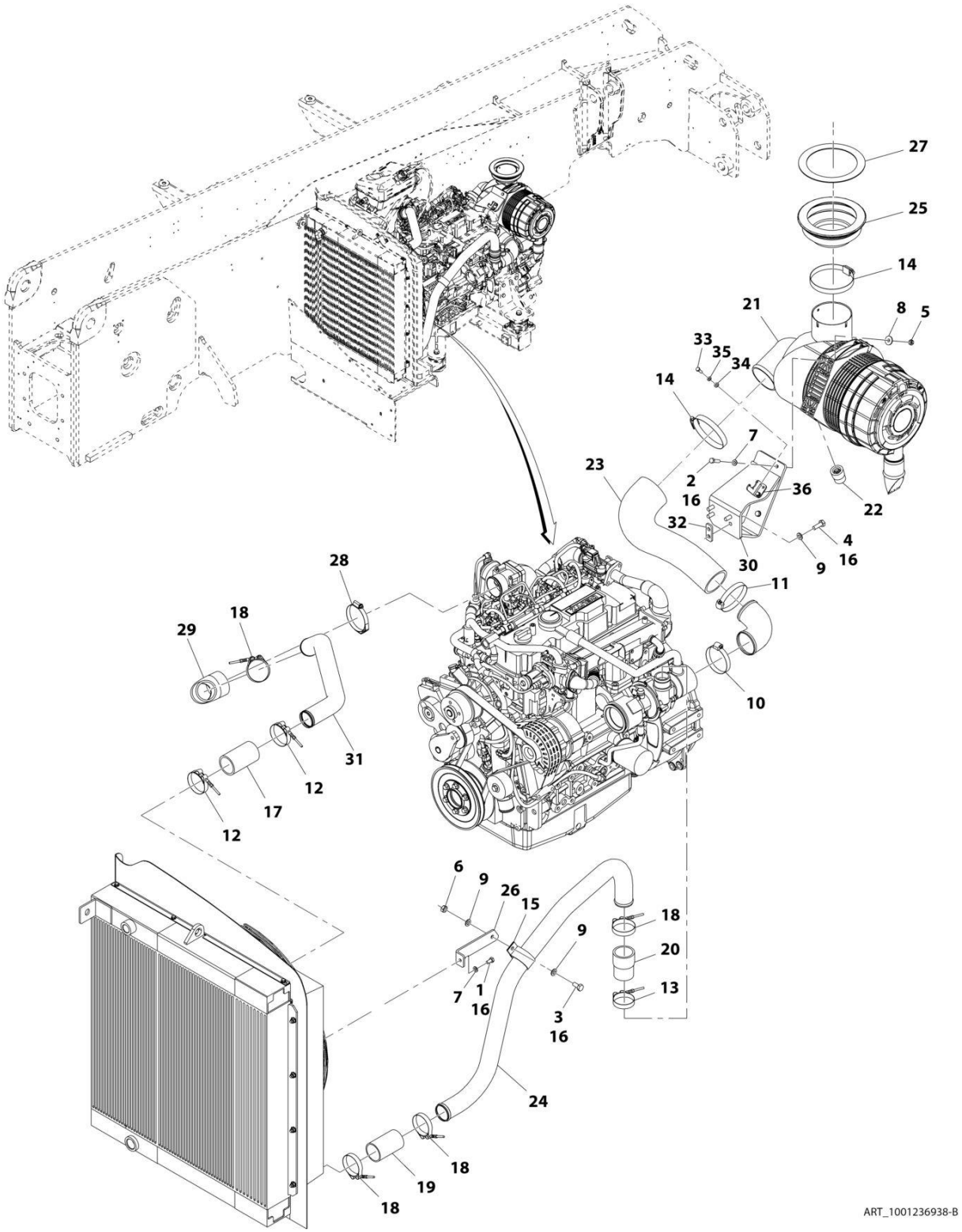


FIGURE 4-8. AIR SYSTEM INSTALLATION - 55KW (ULS)

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 4-9. AIR SYSTEM INSTALLATION - 74KW

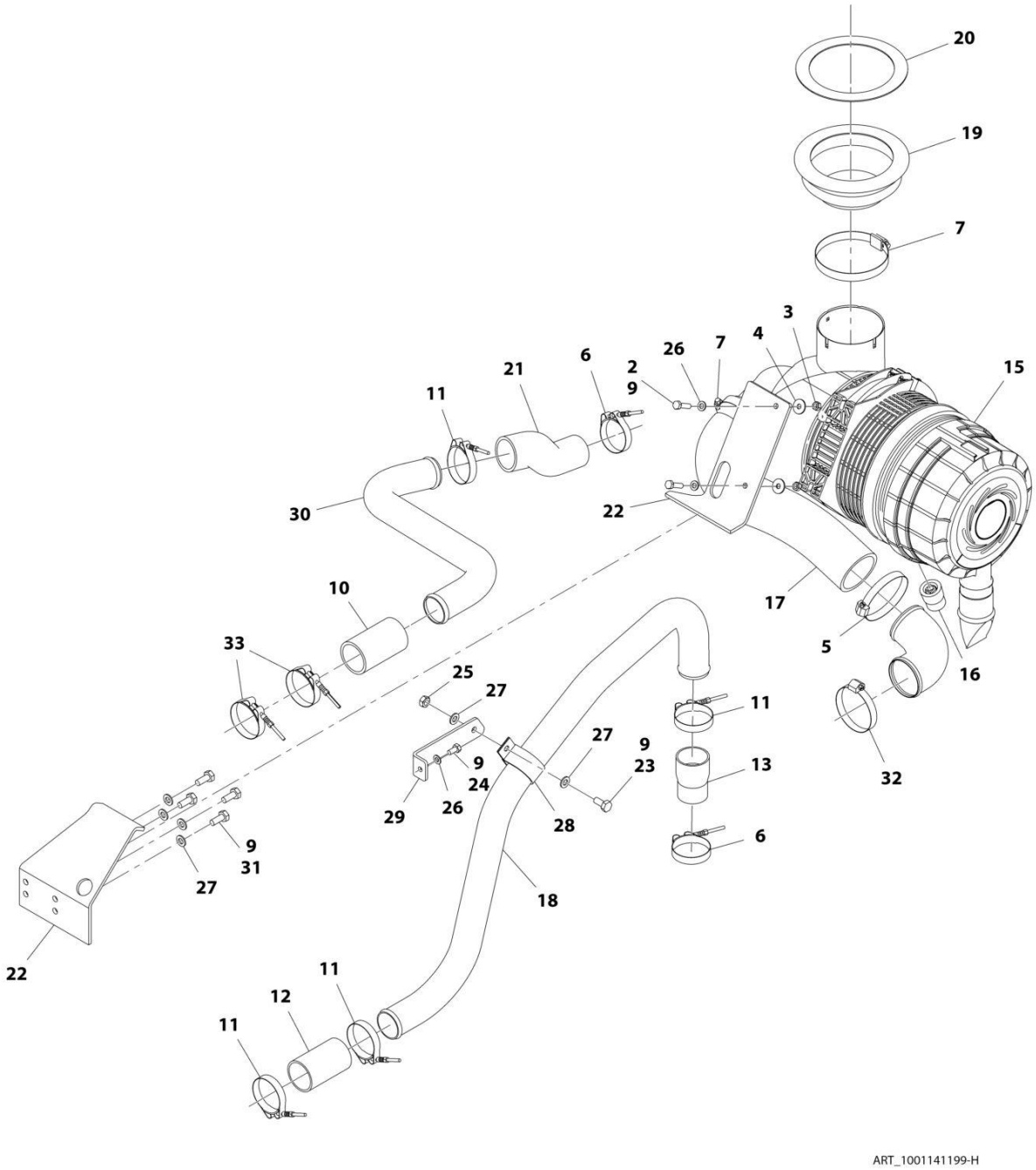


FIGURE 4-9. AIR SYSTEM INSTALLATION - 74KW

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 Separate Breakdown in this Section)	
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 4-10. AIR FILTER ASSEMBLY

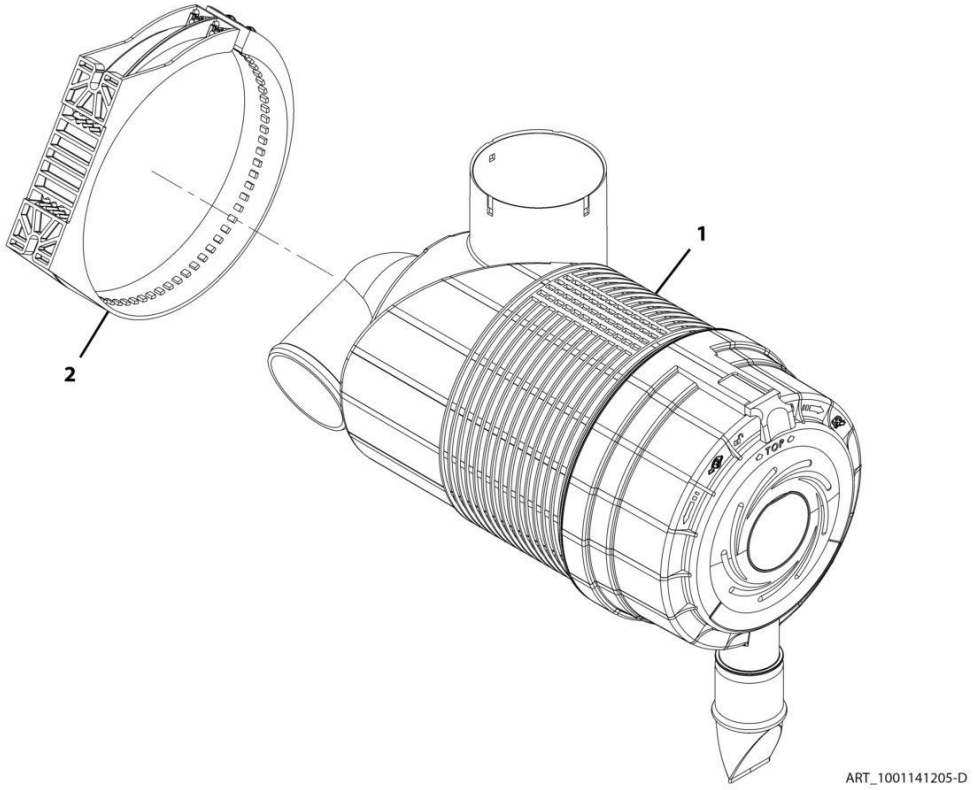


FIGURE 4-10. AIR FILTER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141205	Ref	Air Filter Assembly	D
1	1001143500	1	Filter, Air Intake (See Separate Breakdown in this Section)	
2	1001143745	1	Clamp, Air Filter	

FIGURE 4-11. AIR INTAKE FILTER

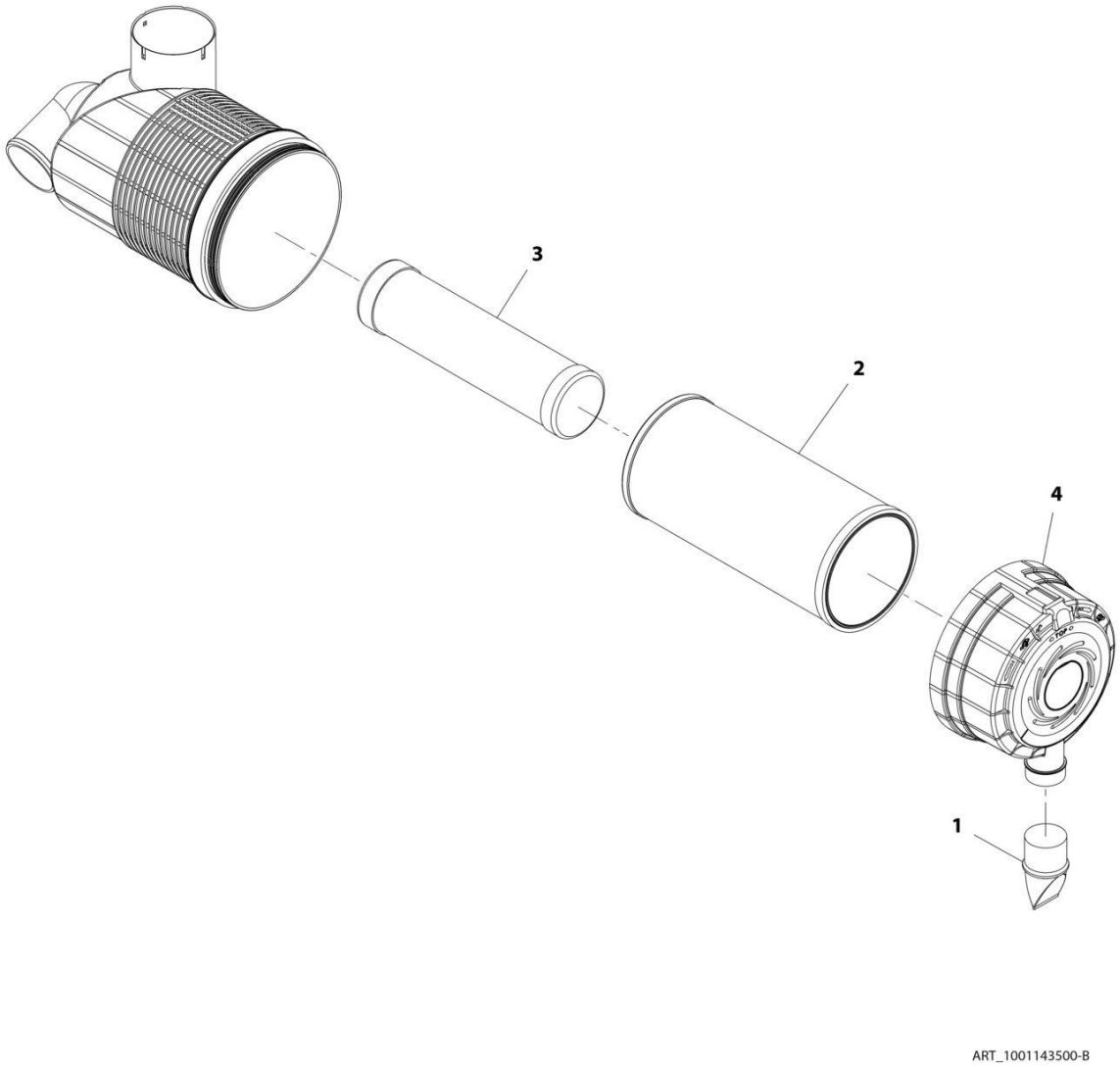


FIGURE 4-11. AIR INTAKE FILTER

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 4-12. EXHAUST SYSTEM INSTALLATION - 55KW (ULS)

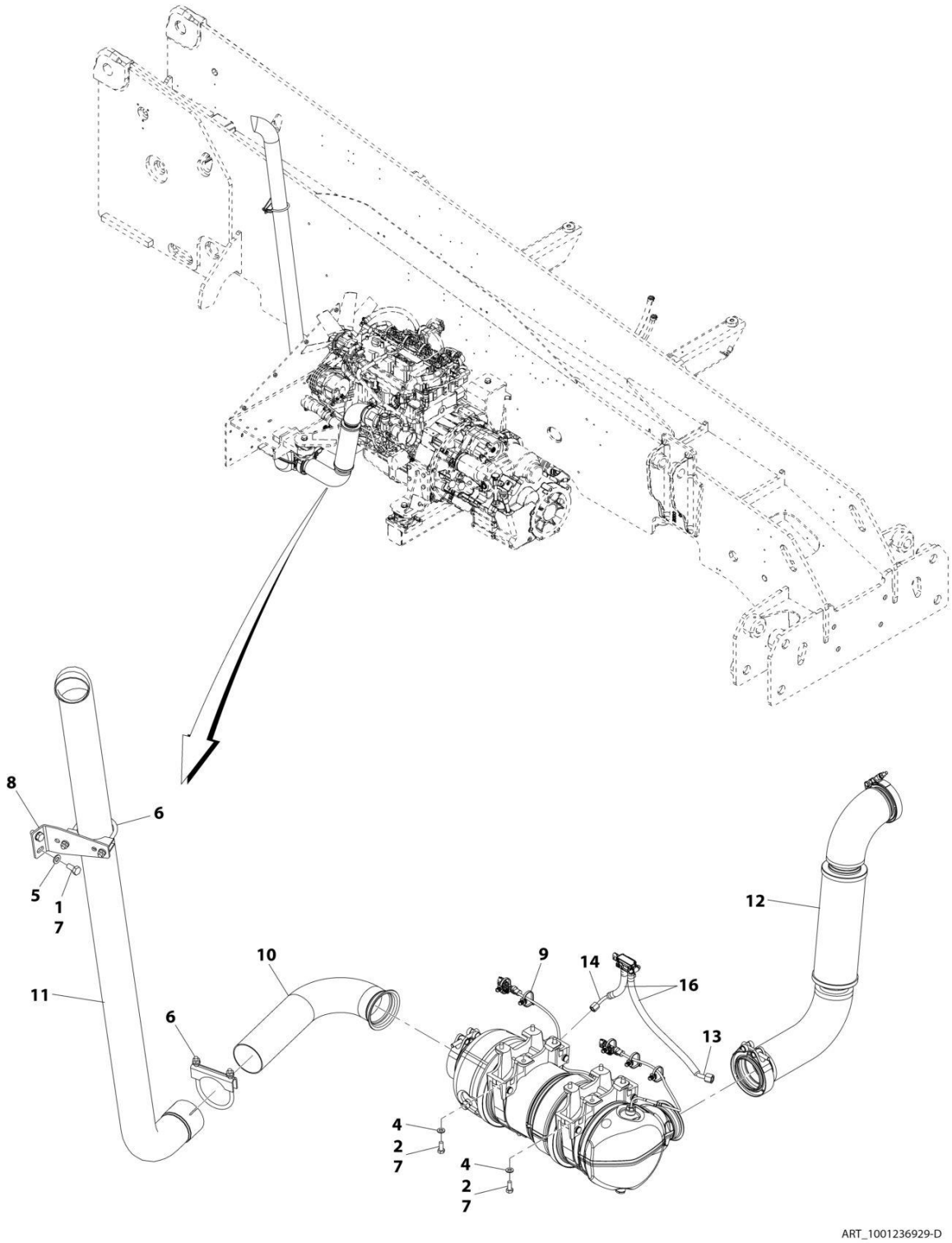


FIGURE 4-12. EXHAUST SYSTEM INSTALLATION - 55KW (ULS)

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 4-13. EXHAUST SYSTEM INSTALLATION - 74KW (LS)

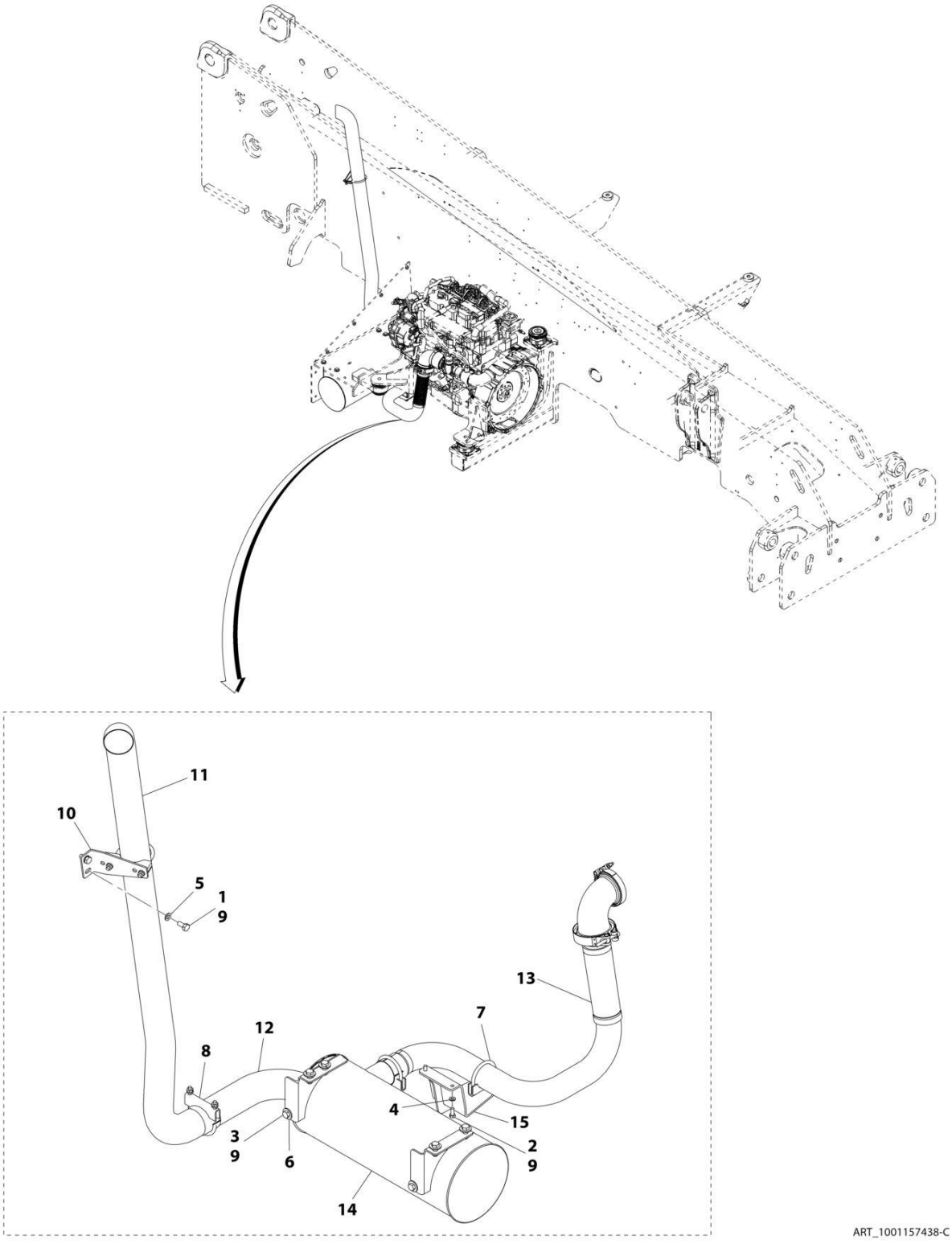


FIGURE 4-13. EXHAUST SYSTEM INSTALLATION - 74KW (LS)

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 4-14. COOLING SYSTEM INSTALLATION - 55KW (ULS)

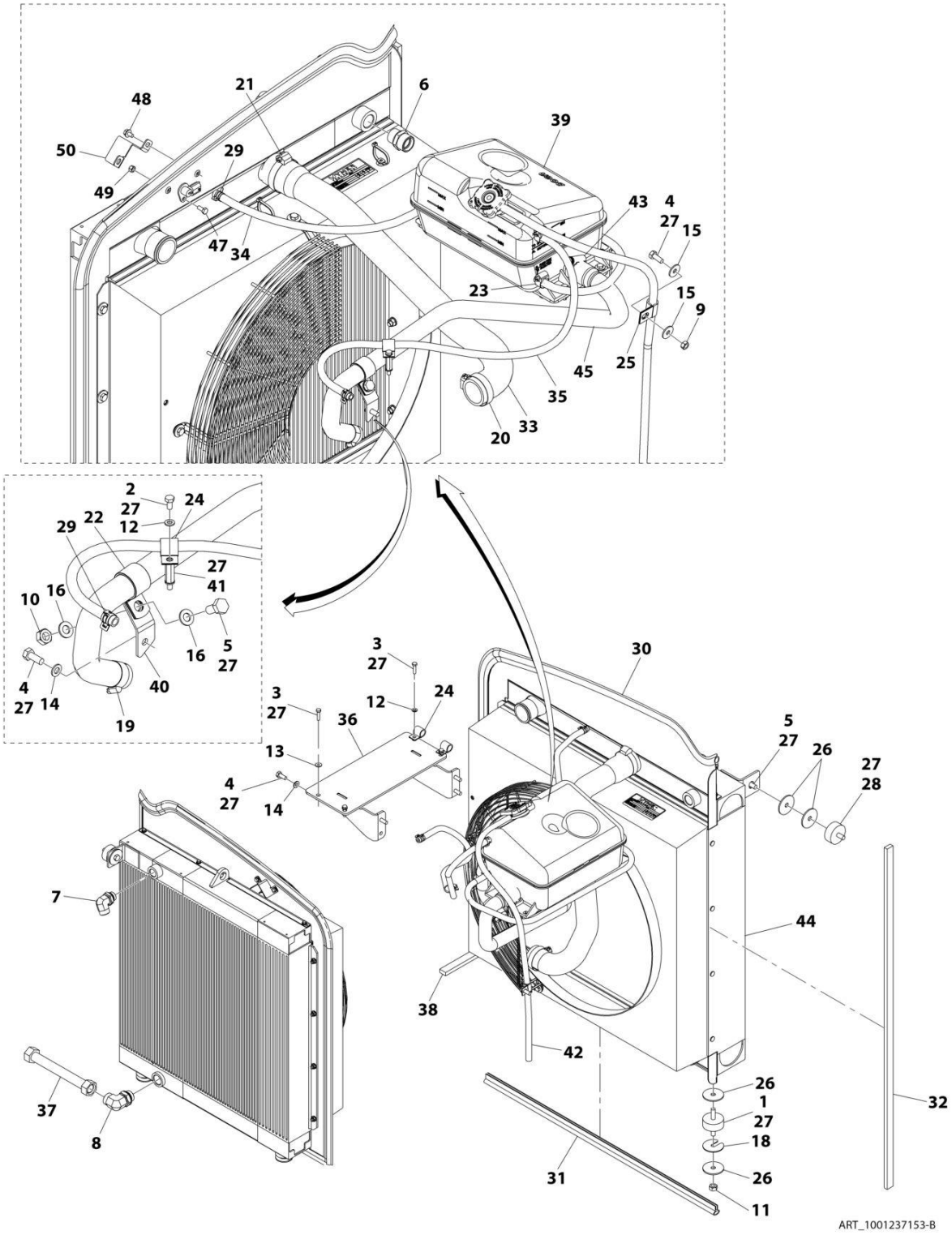


FIGURE 4-14. COOLING SYSTEM INSTALLATION - 55KW (ULS)

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 4-15. COOLING SYSTEM INSTALLATION - 74KW (LS)

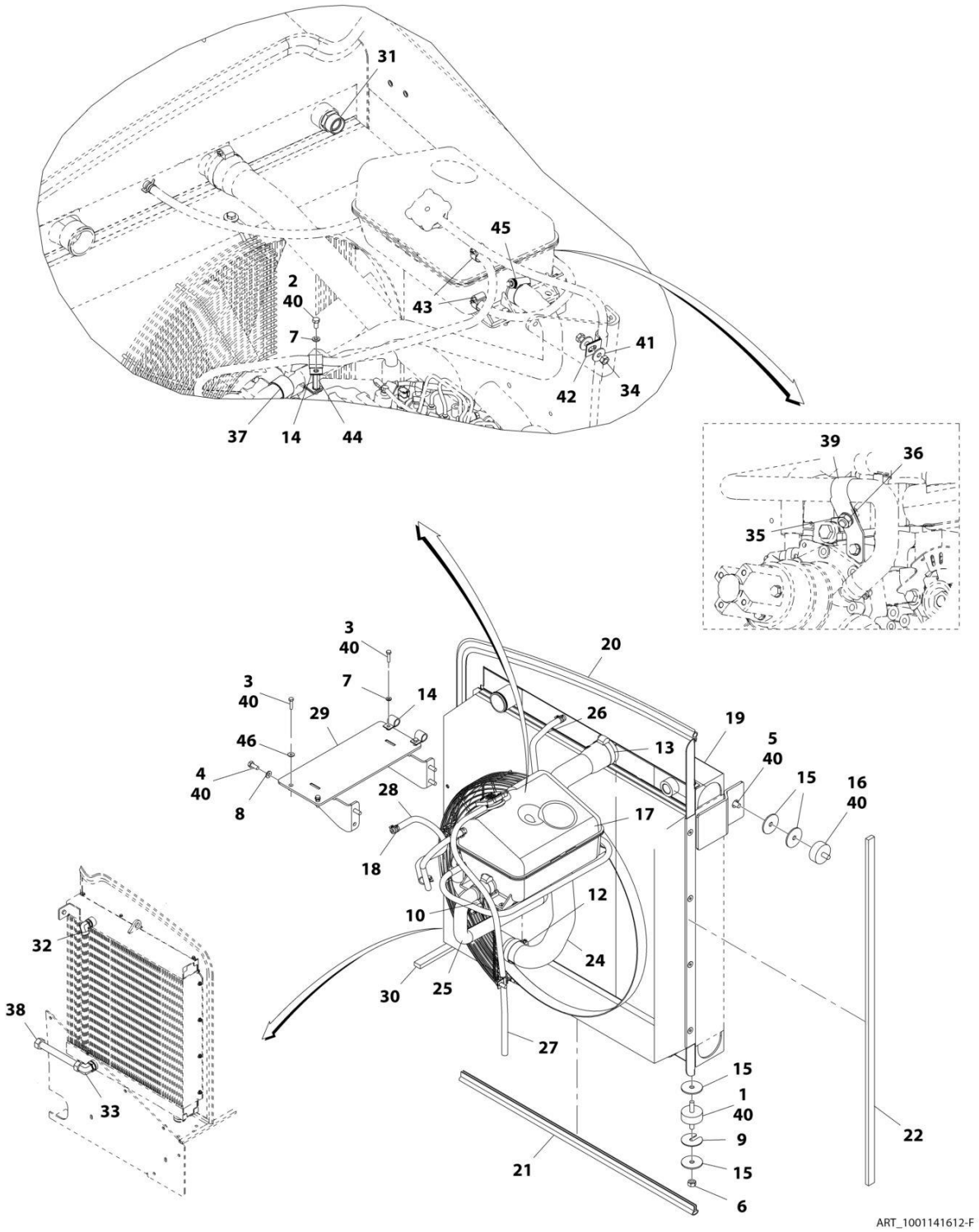


FIGURE 4-15. COOLING SYSTEM INSTALLATION - 74KW (LS)

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 Separate Breakdown in this Section)	
18	1001140296	2	Clamp, Spring Band	
19	1001141611	1	Assembly, Radiator (See Separate Breakdown in this Section)	
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. EXPANSION TANK

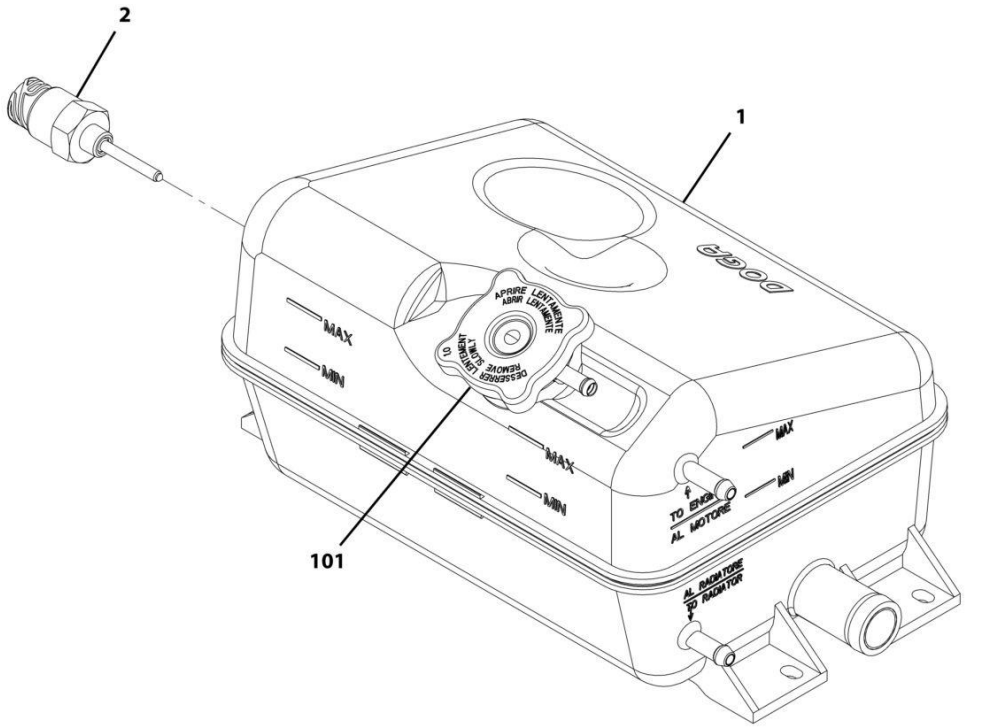


FIGURE 4-16. EXPANSION TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149375	Ref	EXPANSION TANK	B
1	1001149308	1	Tank, Expansion	
2	1001149376	1	Sensor, Coolant Level	
101	70026997	1	Cap	

FIGURE 4-17. RADIATOR ASSEMBLY - 55KW (ULS)

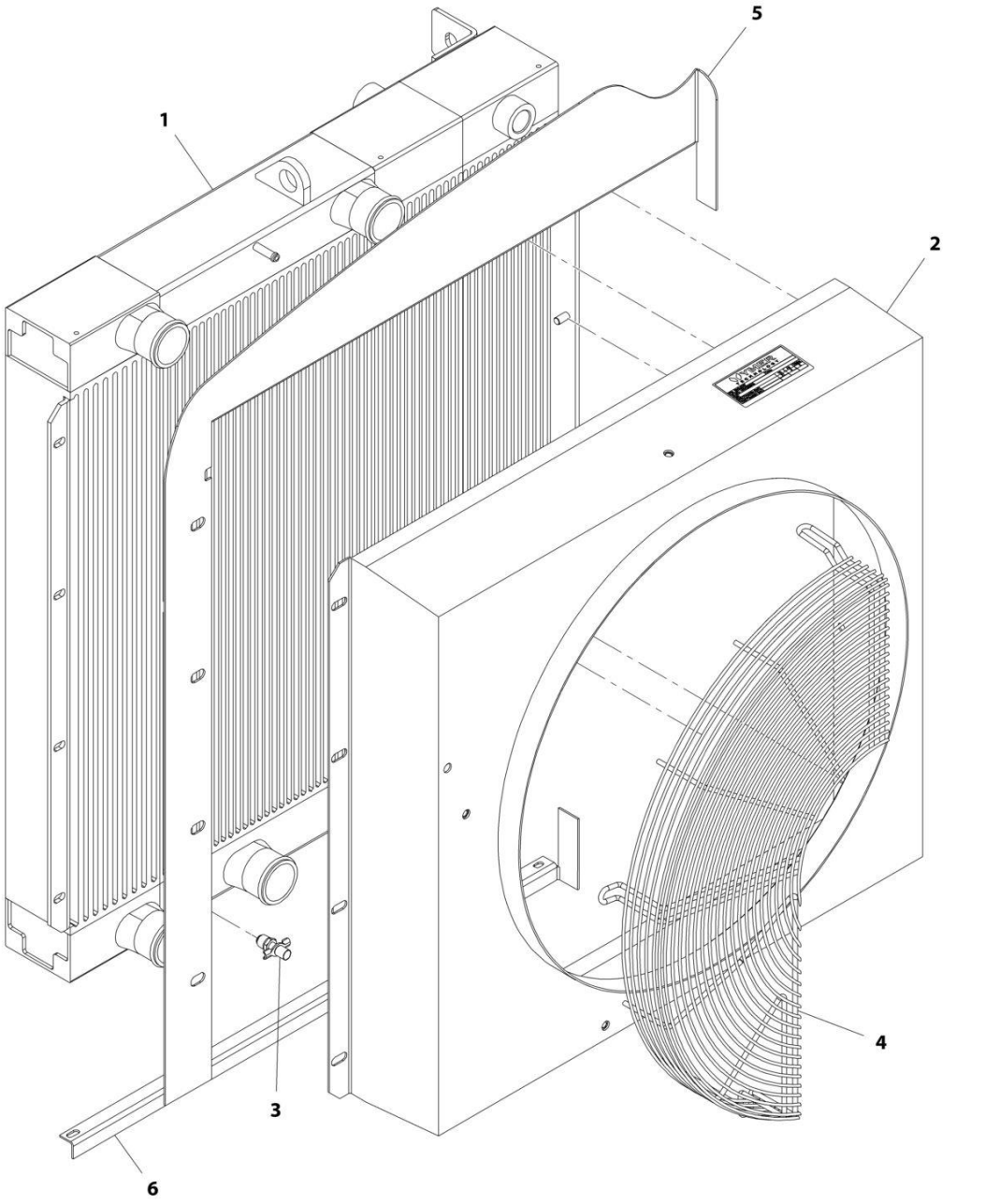


FIGURE 4-17. RADIATOR ASSEMBLY - 55KW (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205849	Ref	Radiator Assembly - 55KW	E
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 4-18. RADIATOR ASSEMBLY - 74KW (LS)

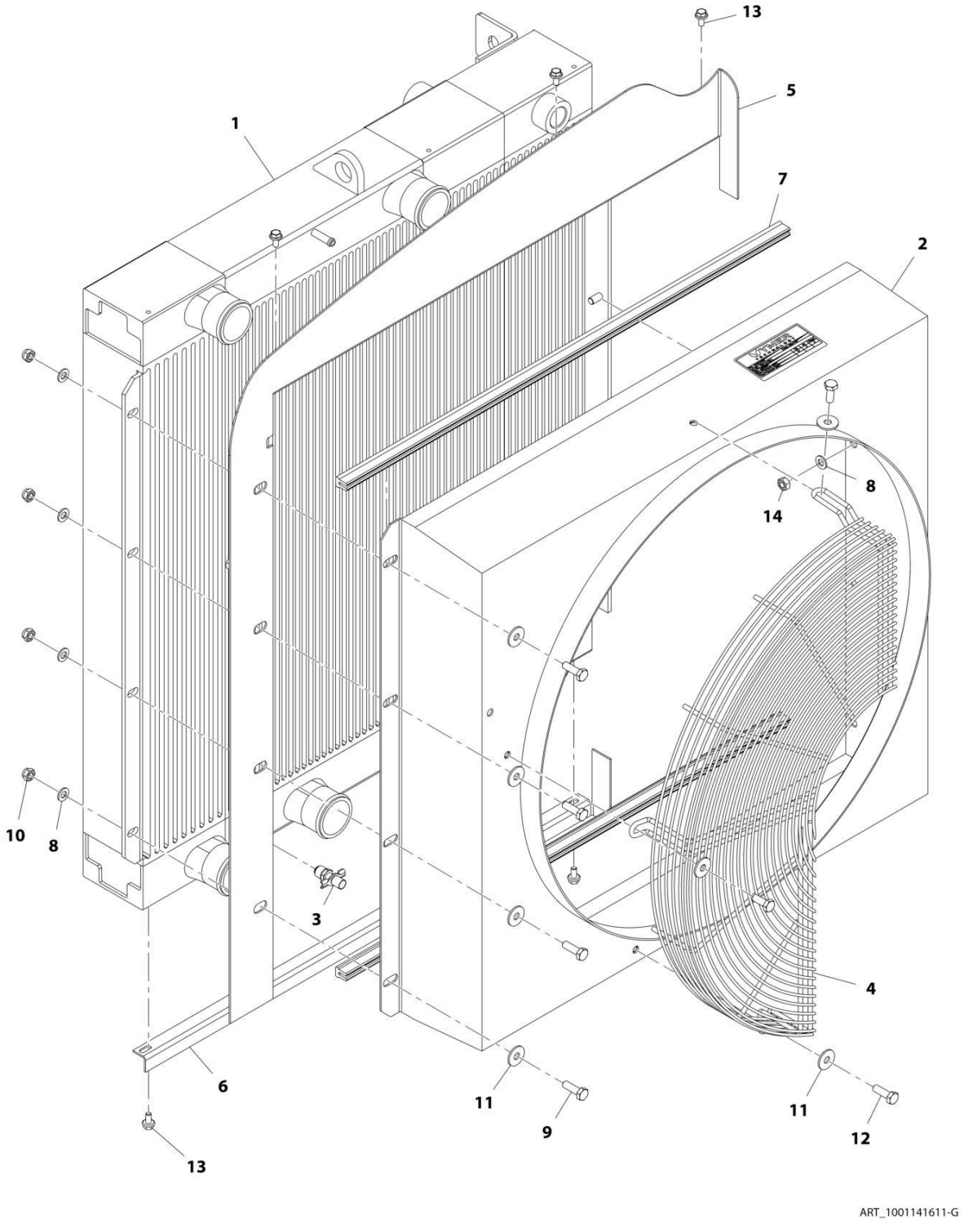


FIGURE 4-18. RADIATOR ASSEMBLY - 74KW (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141611	Ref	Radiator Assembly - 74KW	G
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 4-19. ENGINE MOUNTING INSTALLATION

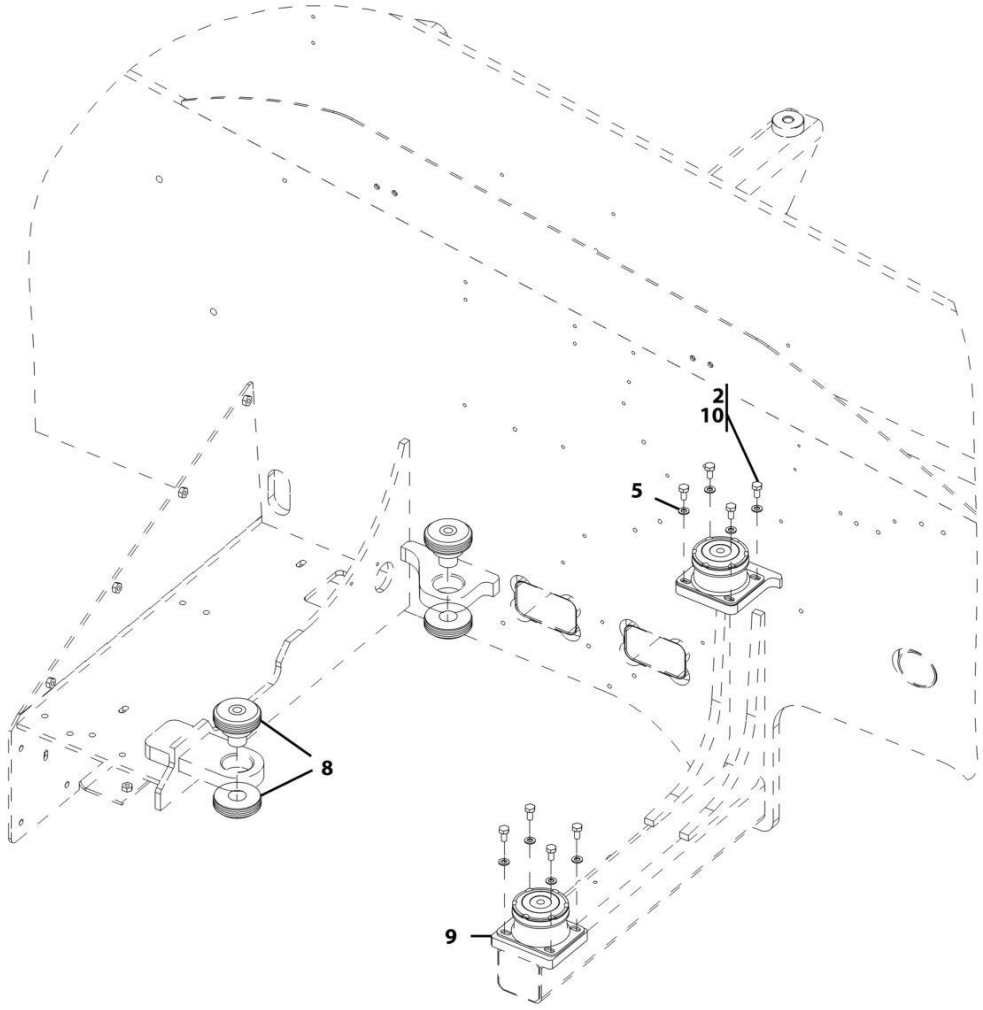


FIGURE 4-19. ENGINE MOUNTING INSTALLATION

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 4-20. HYDRAULIC PUMP INSTALLATION

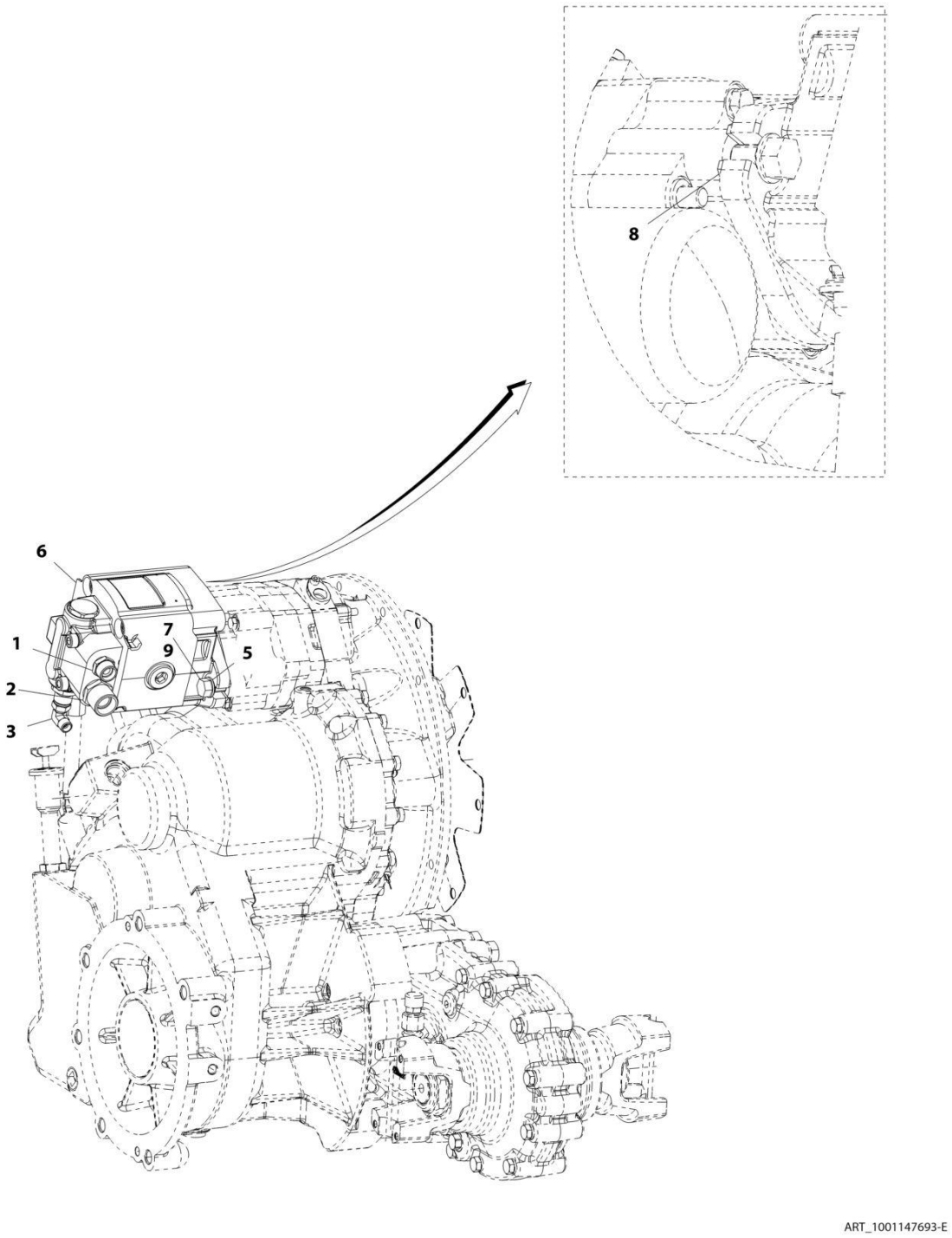


FIGURE 4-20. HYDRAULIC PUMP INSTALLATION

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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	0681812	2	Bolt, 1/2-13X1-1/2	
8	8526056	AR	Compound, Locking	
9	0100019	AR	Compound, Locking	

FIGURE 4-21. TURBO SHIELD INSTALLATION

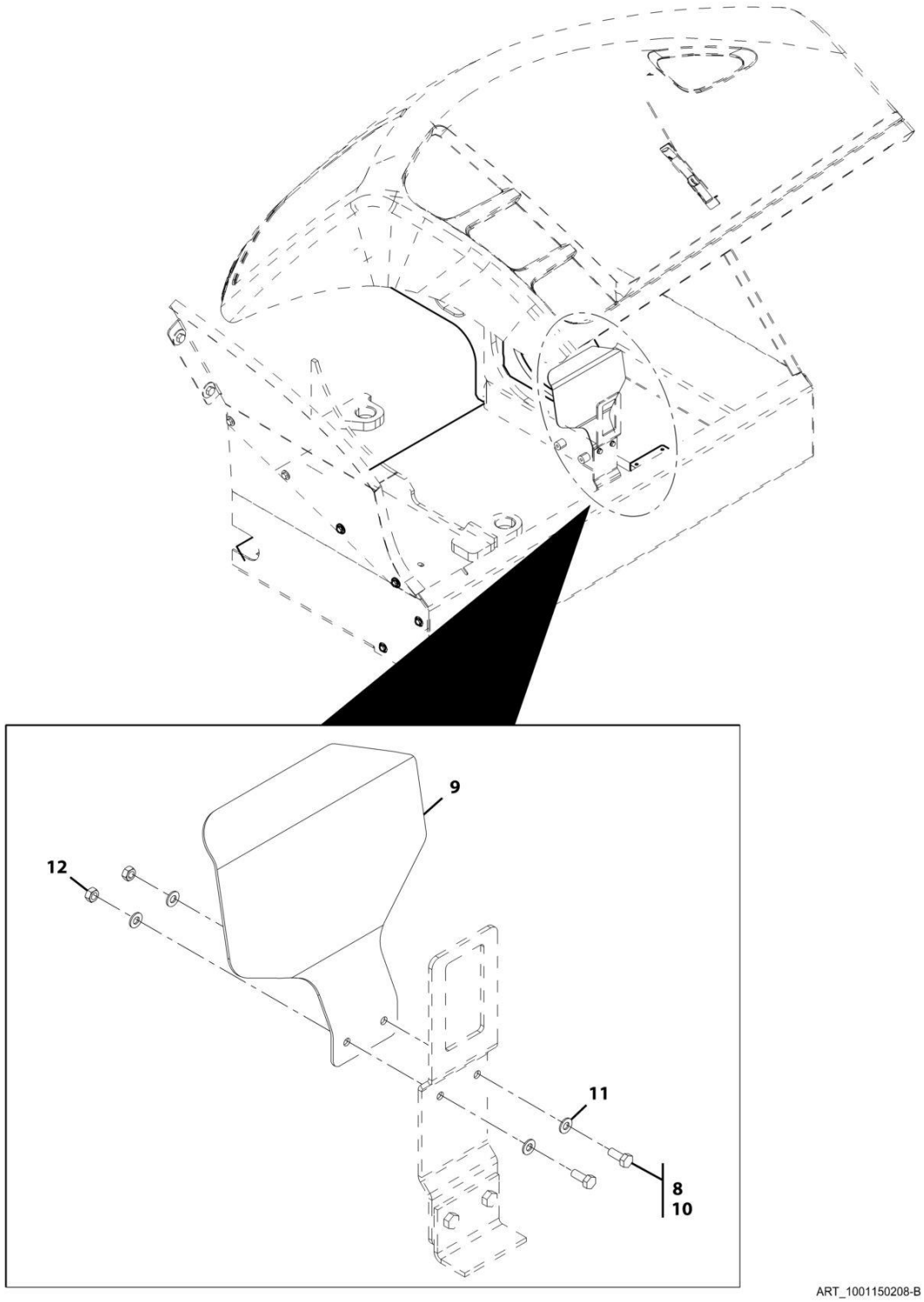


FIGURE 4-21. TURBO SHIELD INSTALLATION

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 4-22. FUEL TANK INSTALLATION

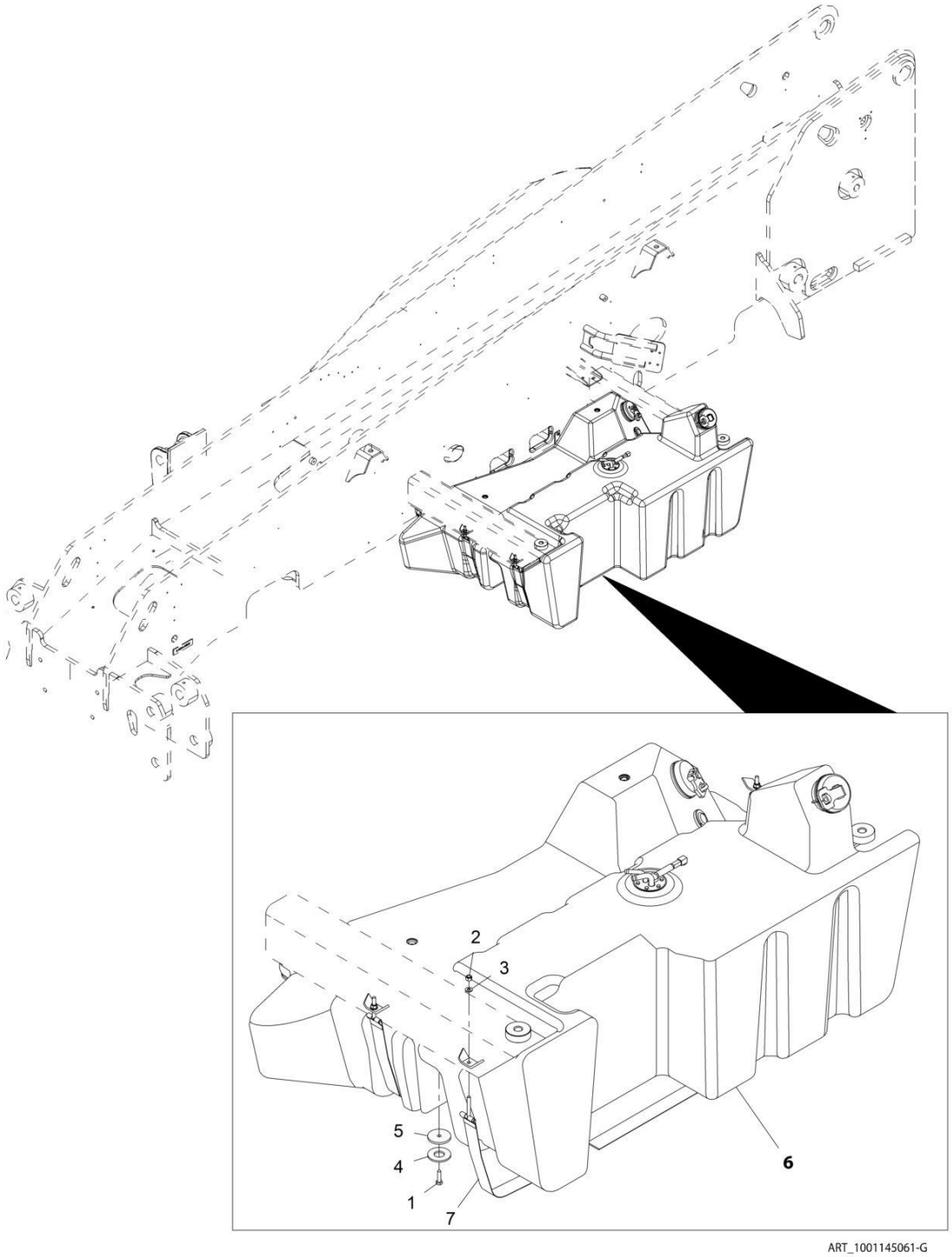


FIGURE 4-22. FUEL TANK INSTALLATION

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 Separate Breakdown in this Section)	
7	1001147729	1	Strap, Tank	

FIGURE 4-23. FUEL TANK

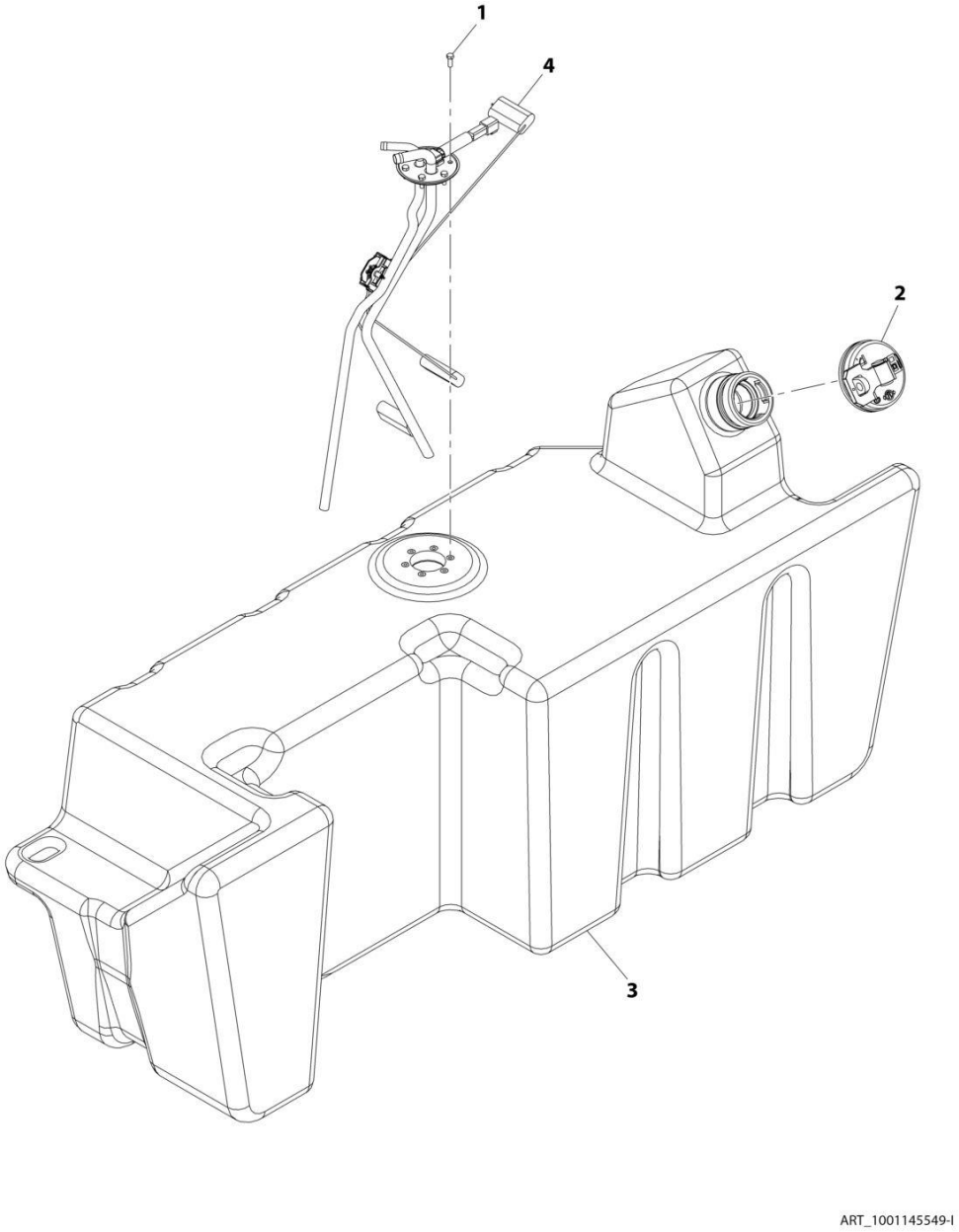


FIGURE 4-23. FUEL TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145549	Ref	Fuel Tank	I
1	0760507	6	Bolt, M5X14	
2	1001142658	1	Cap, Fuel (Fits PNs 1001145551 & 1001213084 Tanks)	
2	1001145551	NLA	Tank, Fuel (Note: Use PN 1001213084)	
3	1001213084	1	Tank, Fuel	
4	1001147737	1	Gauge, Fuel Level	

FIGURE 4-24. RADIATOR LINES INSTALLATION

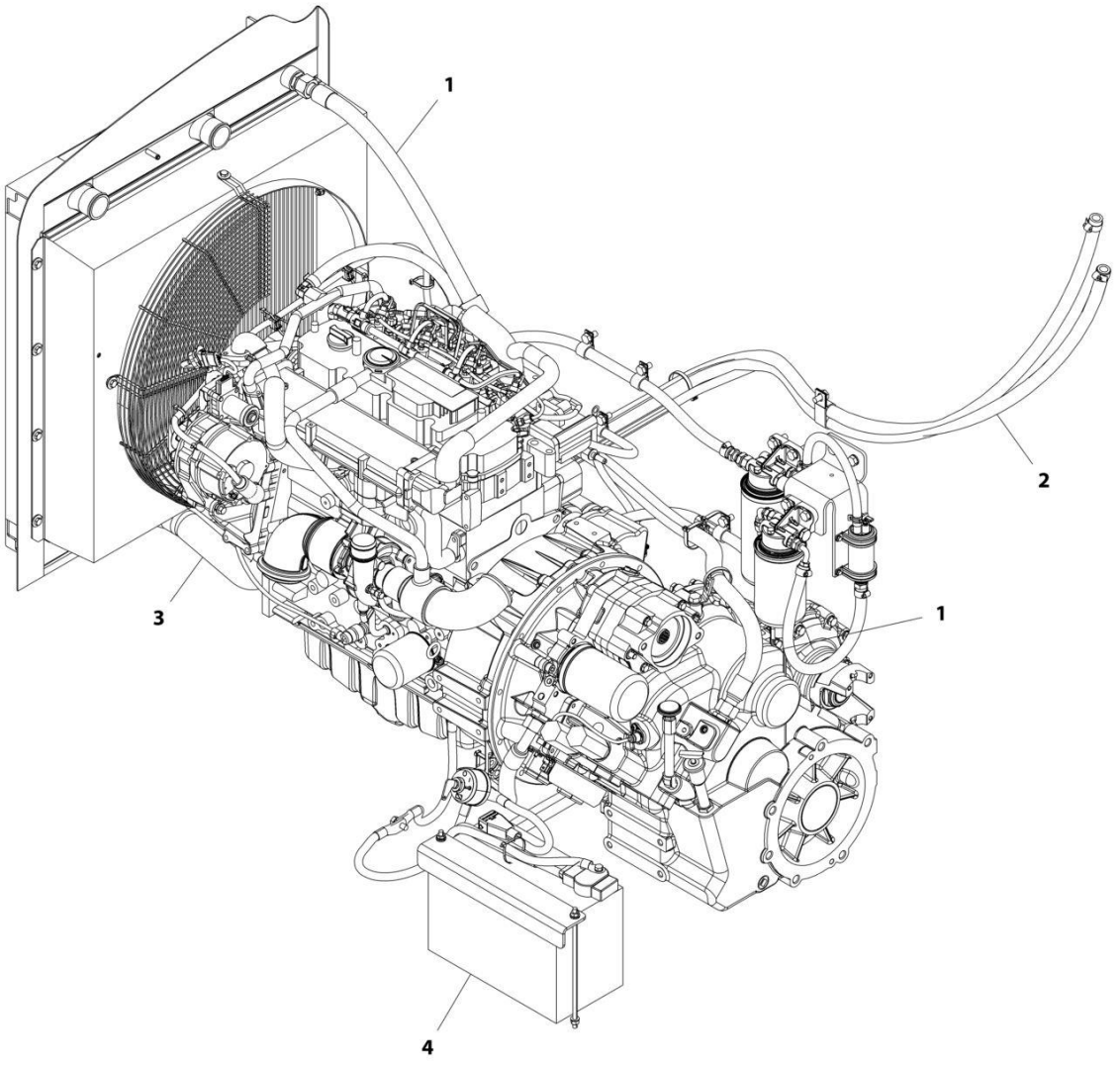


FIGURE 4-24. RADIATOR LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178702	Ref	Radiator Lines Installation	B
1	1001144787	Ref	Installation, Cooling Transmission (See Separate Breakdown in this Section)	
2	1001145073	Ref	Installation, Heater Lines (See Separate Breakdown in this Section)	
3	1001178605	Ref	Installation, Engine Coolant Hose (See Separate Breakdown in this Section)	
4	1001239516	Ref	Installation, Battery (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-25. RADIATOR LINES INSTALLATION - ARCTIC

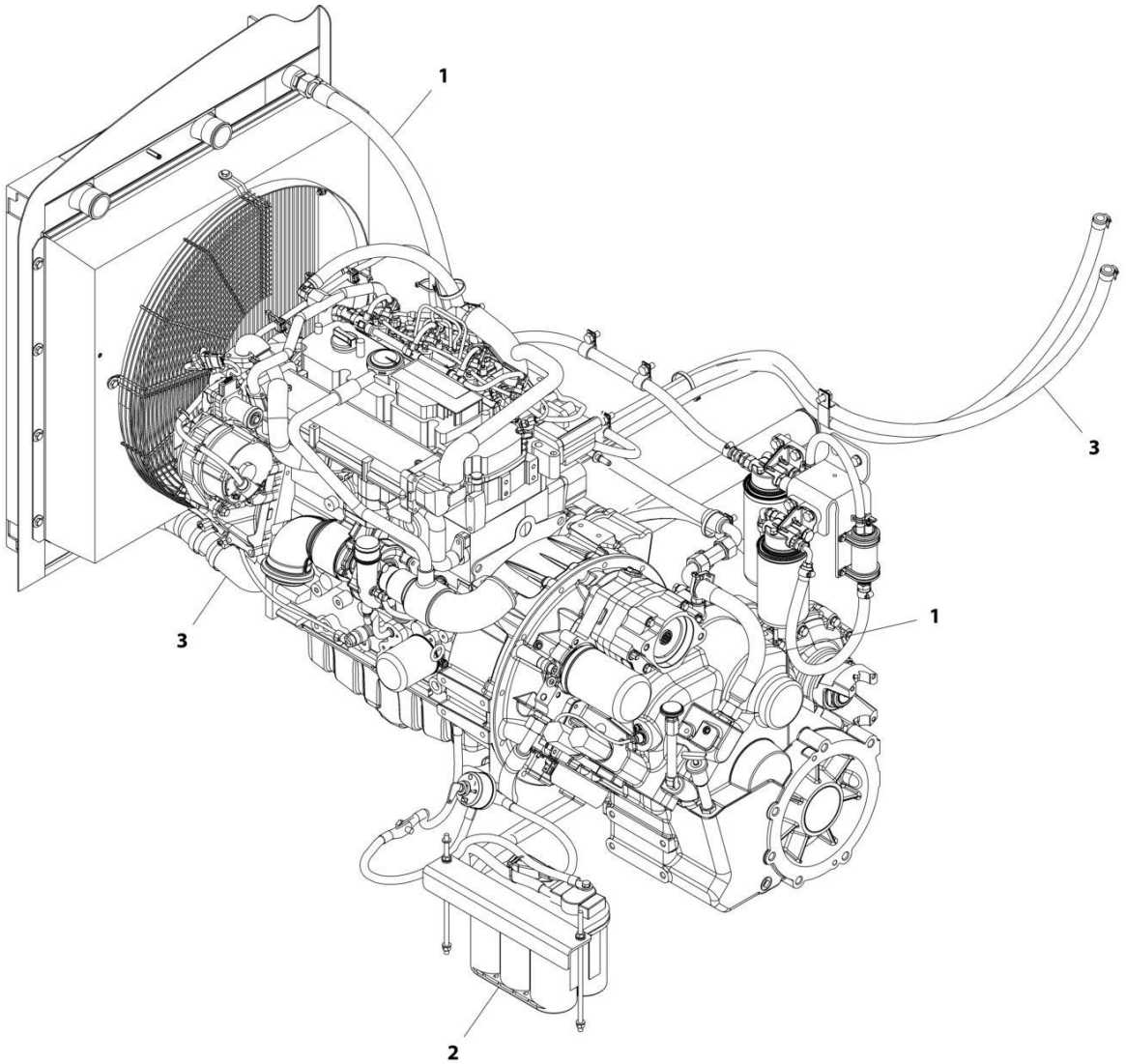
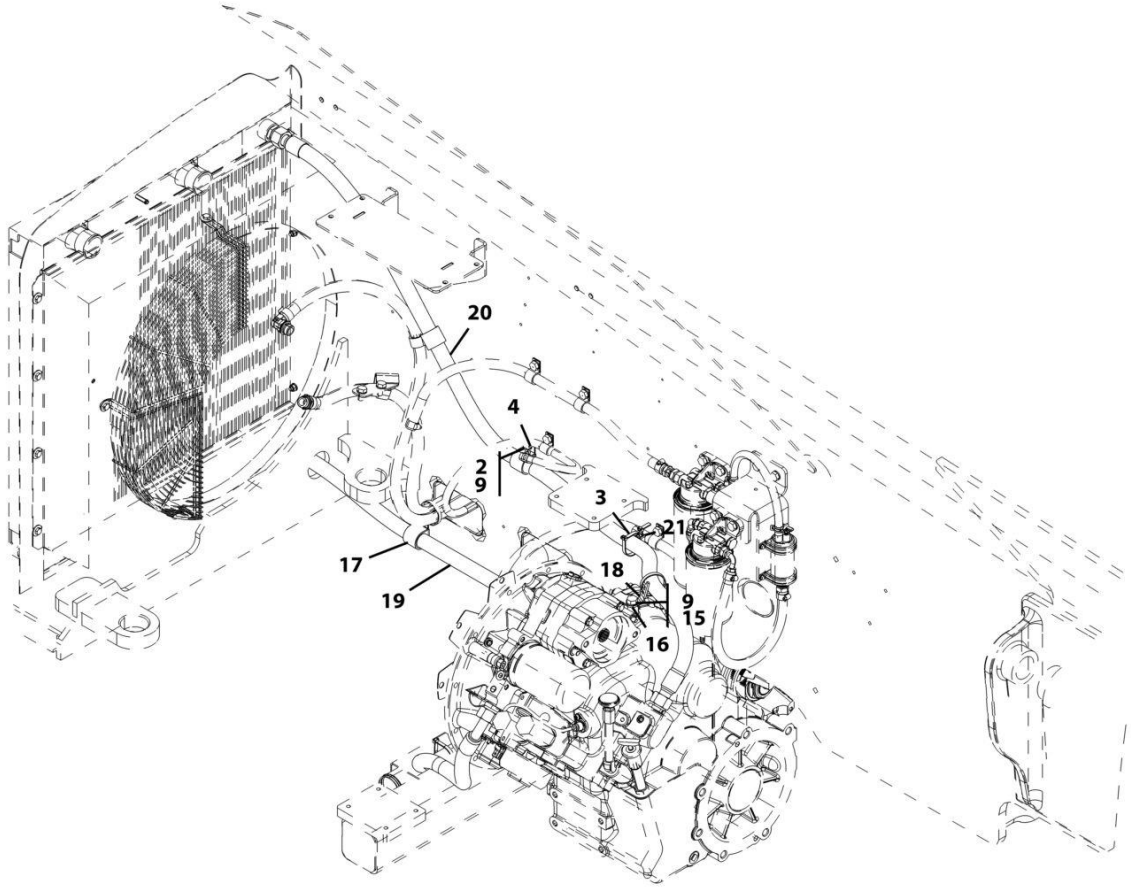


FIGURE 4-25. RADIATOR LINES INSTALLATION - ARCTIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160980	Ref	Radiator Lines Installation - ARCTIC	B
1	1001159326	1	Installation, Thermal Bypass (See Separate Breakdown in this Section)	
2	1001246126	1	Installation, Battery (See Separate Breakdown in ELECTRICAL Section)	
3	1001167591	1	Installation, Heater Block (See Separate Breakdown in this Section)	

FIGURE 4-26. TRANSMISSION COOLING INSTALLATION



ART_1001144787-E

FIGURE 4-26. 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 4-27. THERMAL BYPASS INSTALLATION - ARCTIC

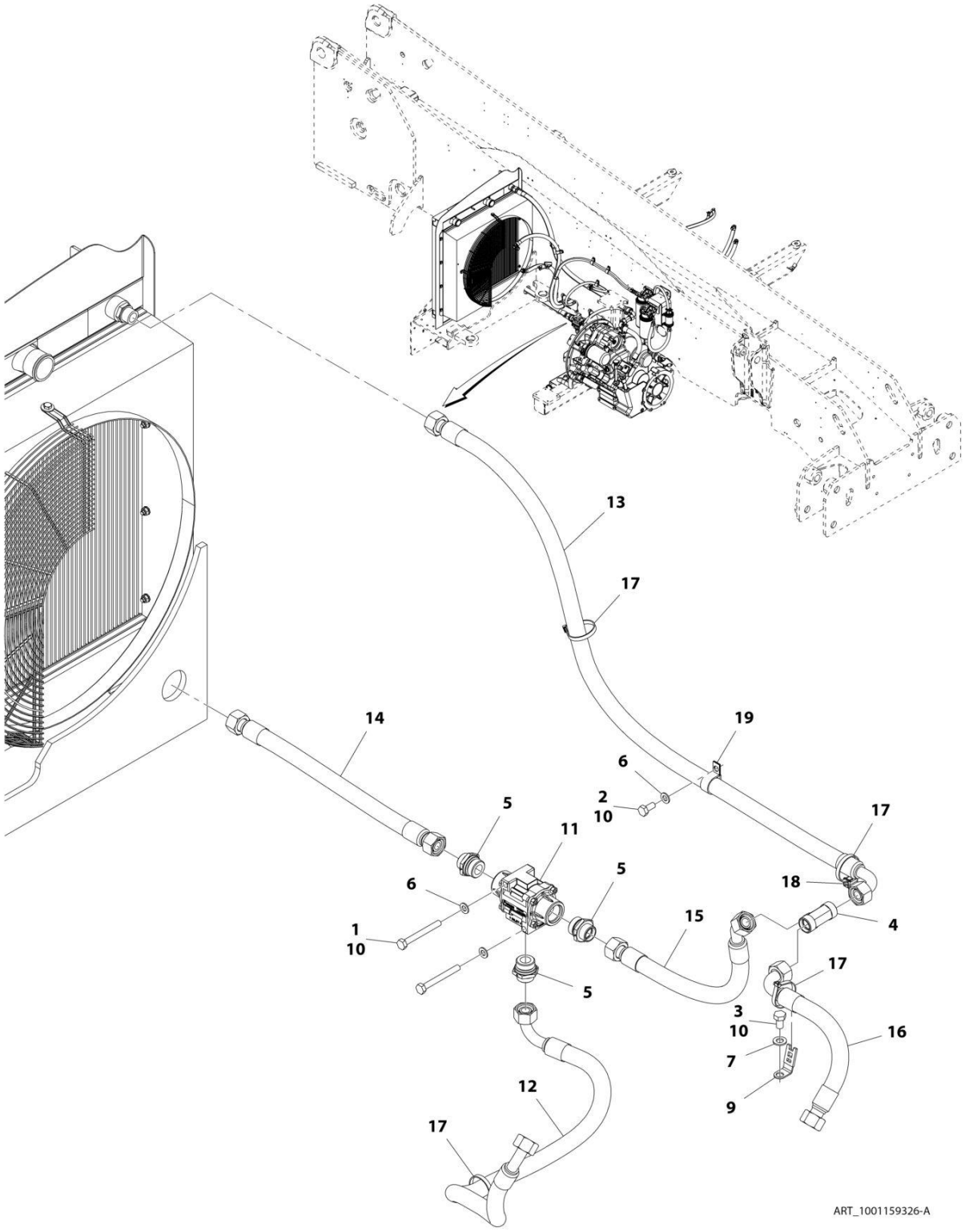


FIGURE 4-27. THERMAL BYPASS INSTALLATION - ARCTIC

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 4-28. HEATER LINES INSTALLATION

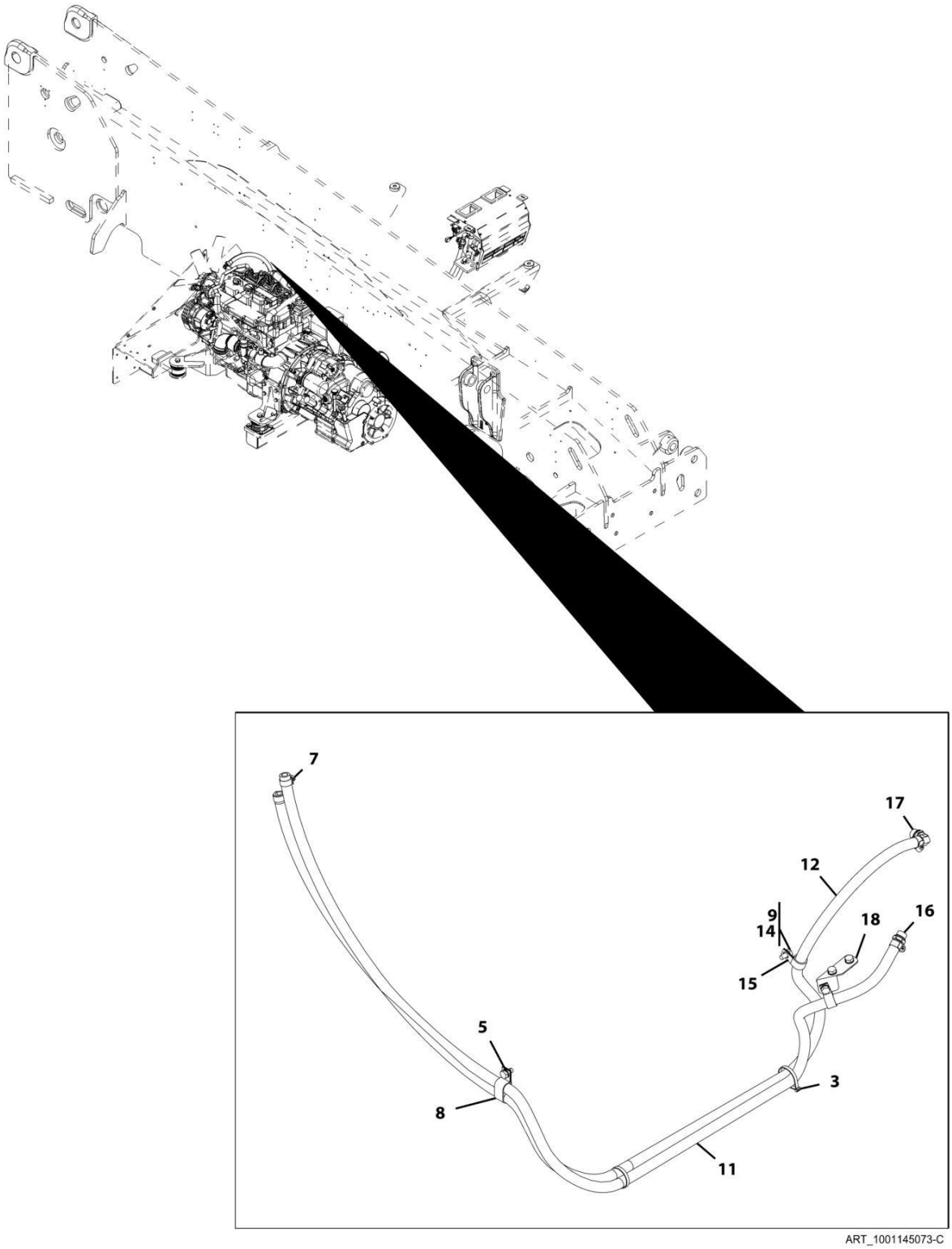


FIGURE 4-28. HEATER LINES INSTALLATION

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 4-29. HEATER BLOCK INSTALLATION - ARCTIC

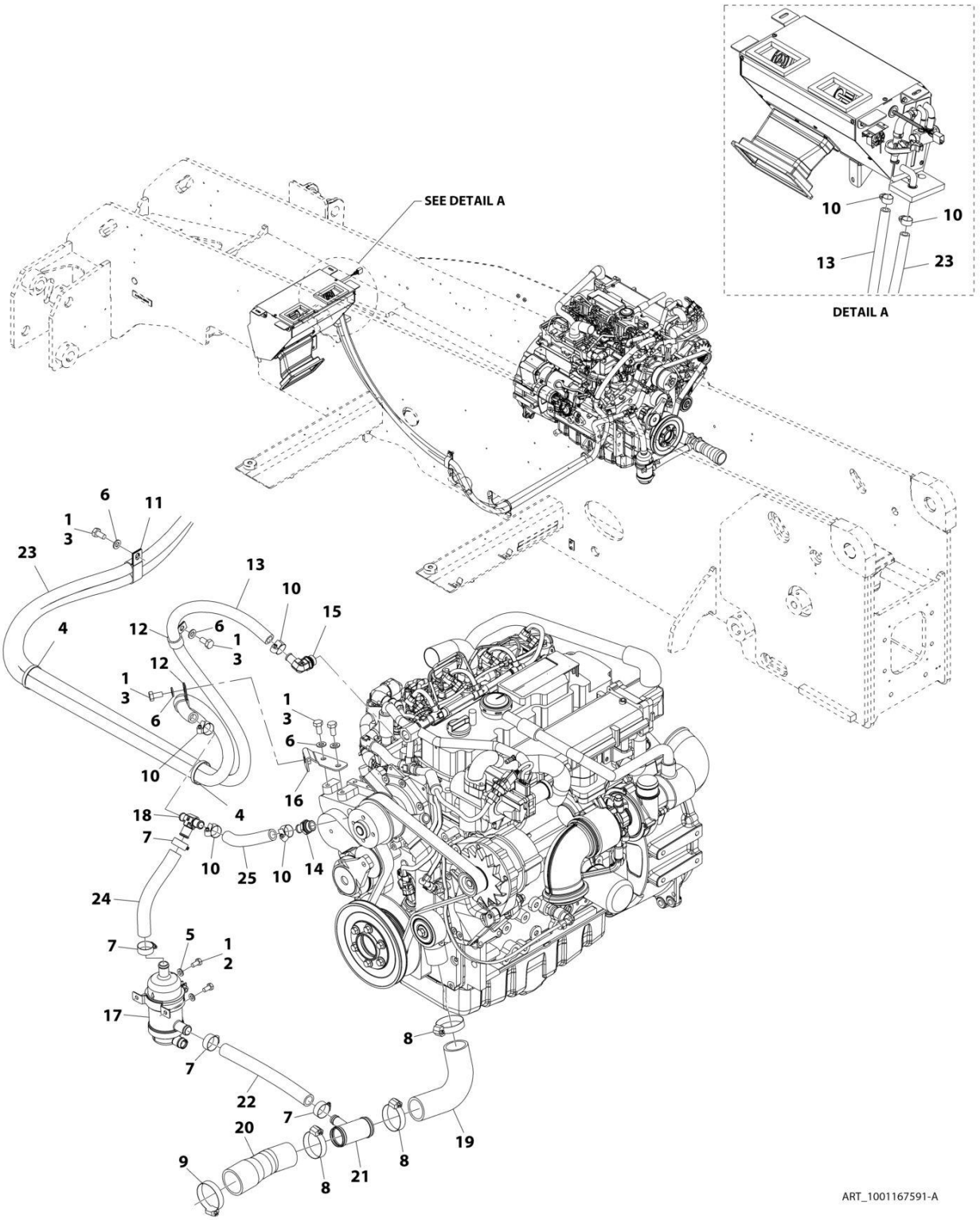


FIGURE 4-29. HEATER BLOCK INSTALLATION - ARCTIC

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 4-30. ENGINE COOLANT HOSE INSTALLATION

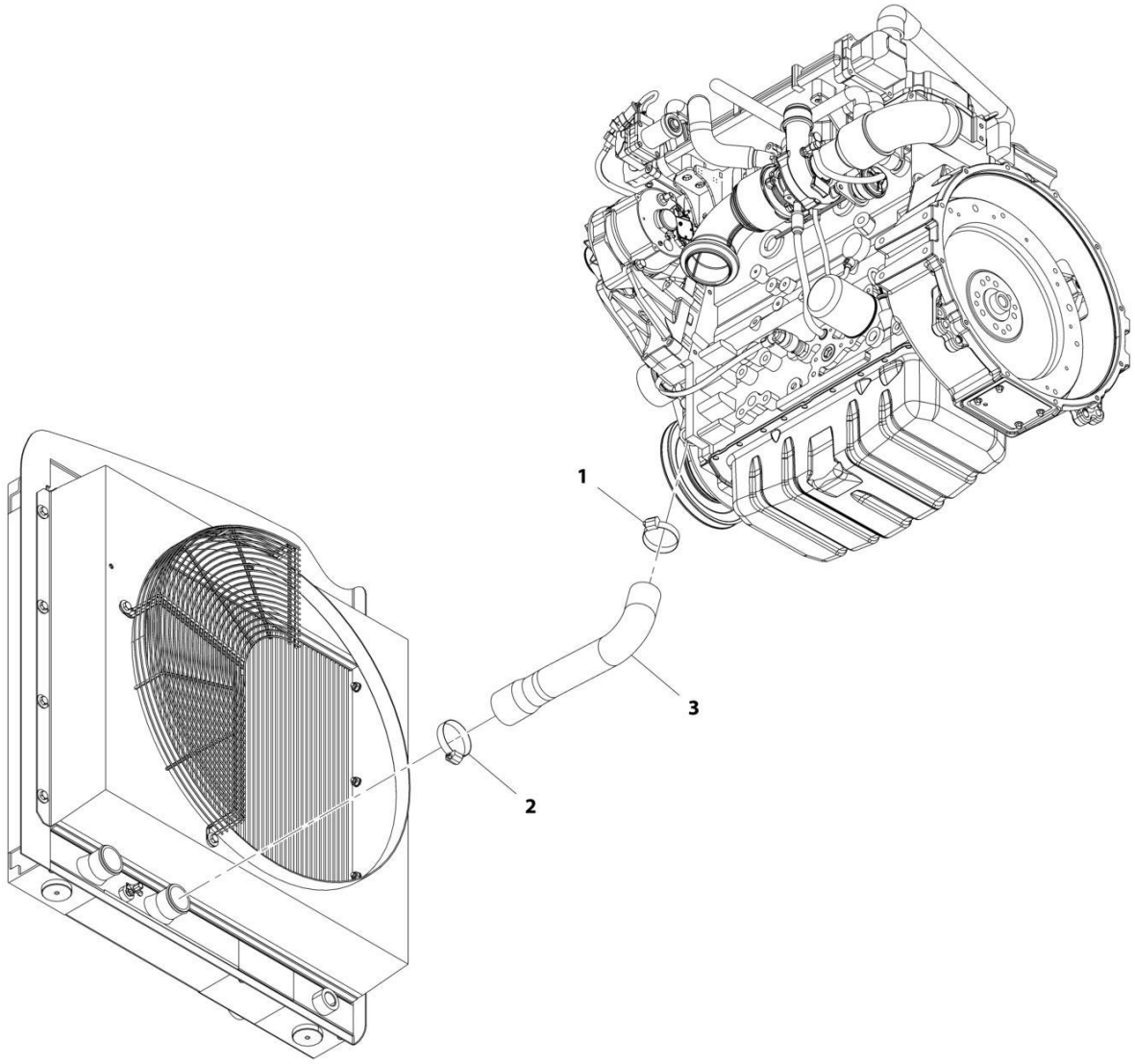


FIGURE 4-30. ENGINE COOLANT HOSE INSTALLATION

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 4-31. ENGINE OIL DRAIN INSTALLATION

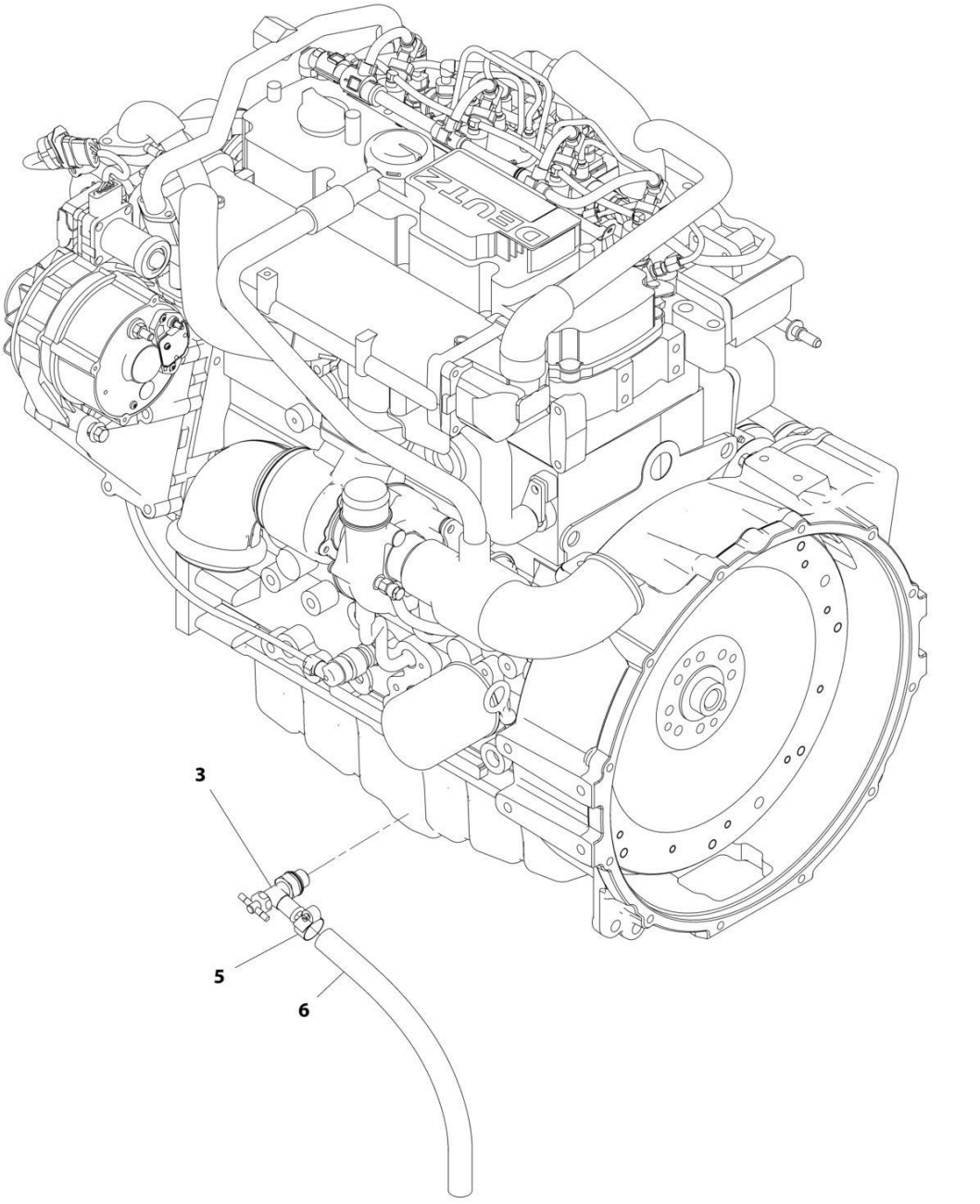


FIGURE 4-31. ENGINE OIL DRAIN INSTALLATION

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	

SECTION 5 - DRIVE TRAIN

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

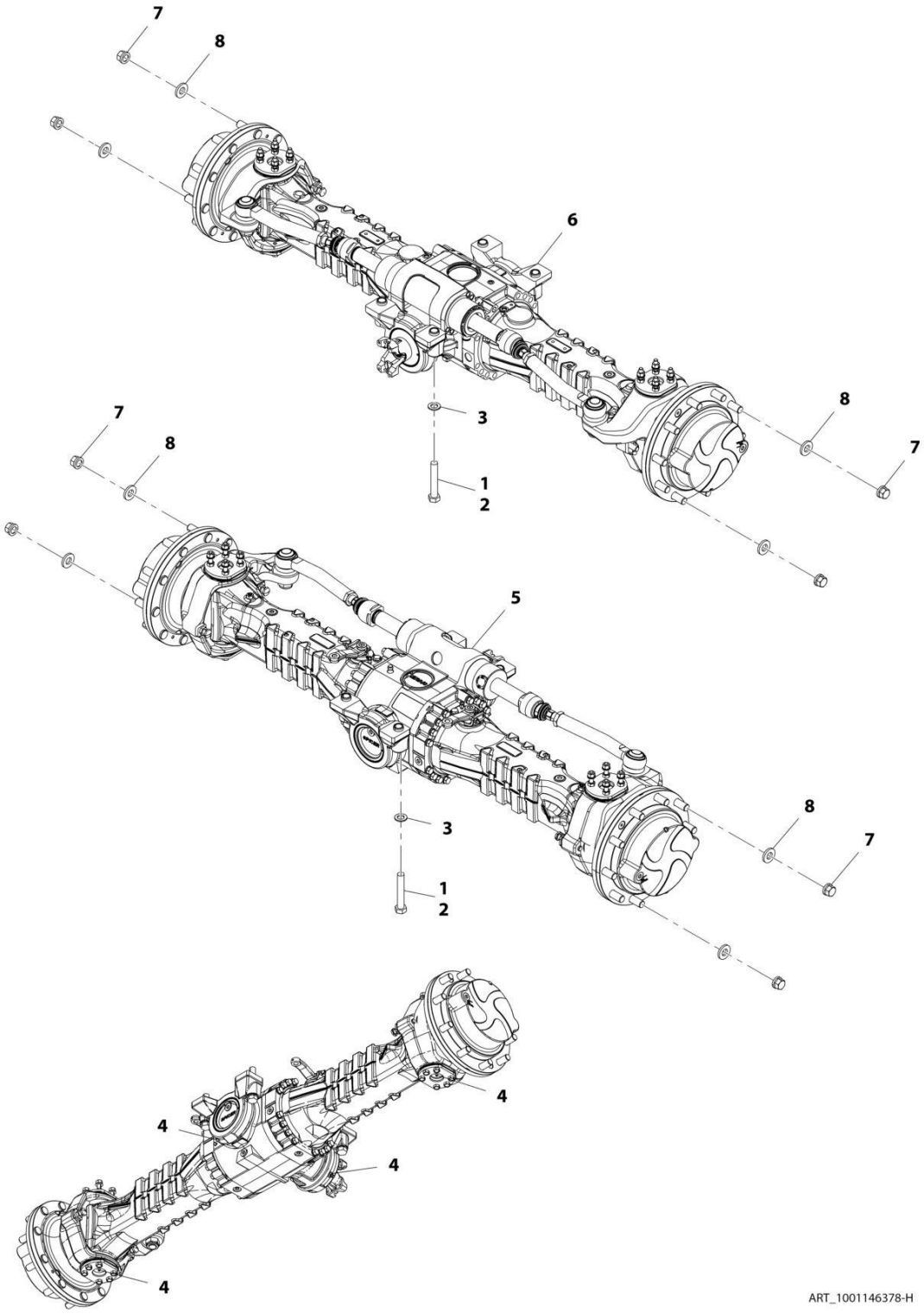


FIGURE 5-1. AXLE INSTALLATION (74KW) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146378	Ref	Axle Installation (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 Separate Breakdown in this Section)	
6	1001135442	1	Axle, Rear (See Separate Breakdown in this Section)	
7	3300479	40	Nut, Wheel M22X1.5	
8	1001114802	40	Washer	

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

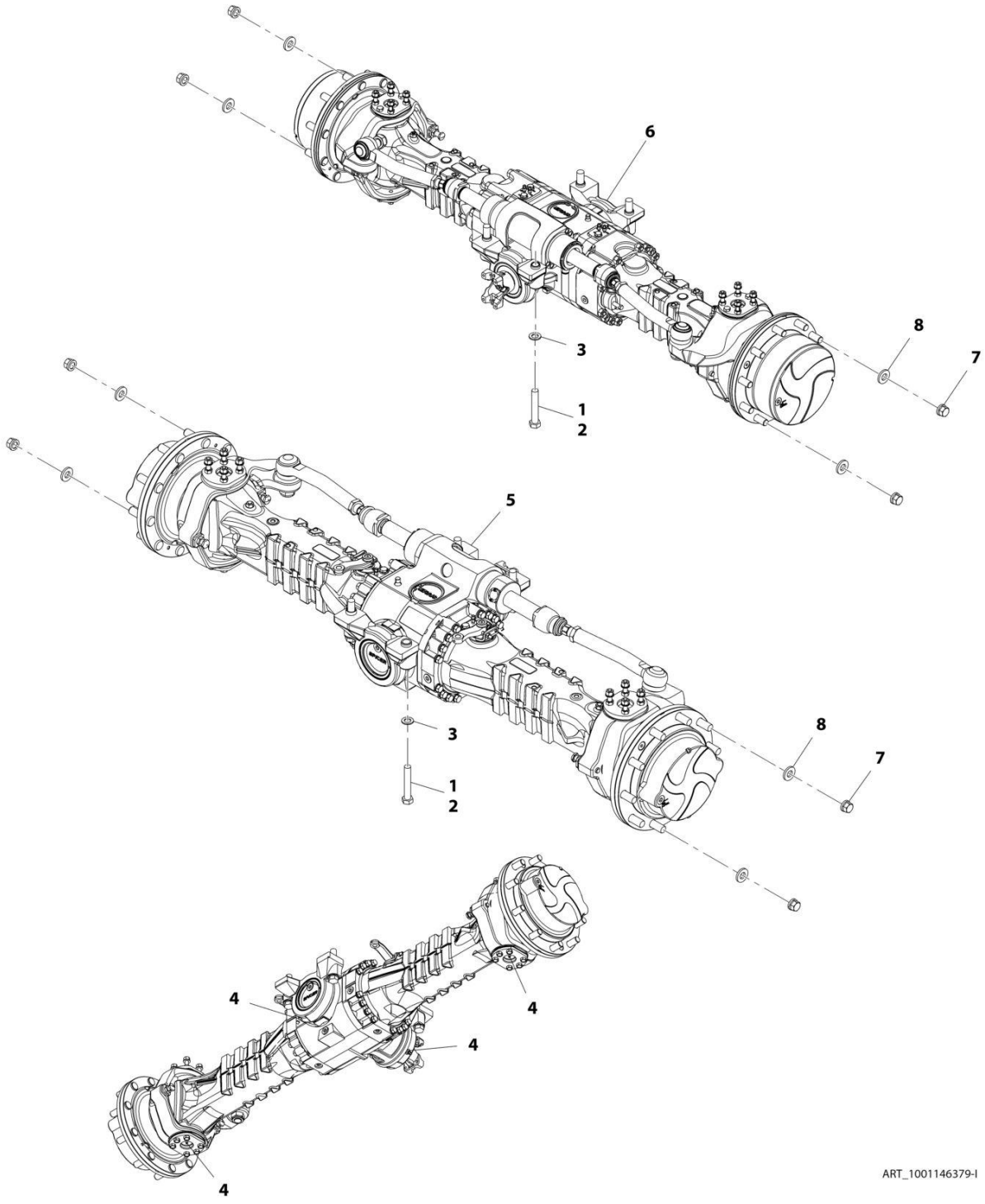


FIGURE 5-2. AXLE INSTALLATION, (NO FOAM FILL) (74KW) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146379	Ref	Axle Installation, (No Foam Fill) (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 Separate Breakdown in this Section)	
6	1001182621	1	Axle, Front (See Separate Breakdown in this Section)	
7	3300479	40	Nut, Wheel M22X1.5	
8	1001114802	40	Washer	

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

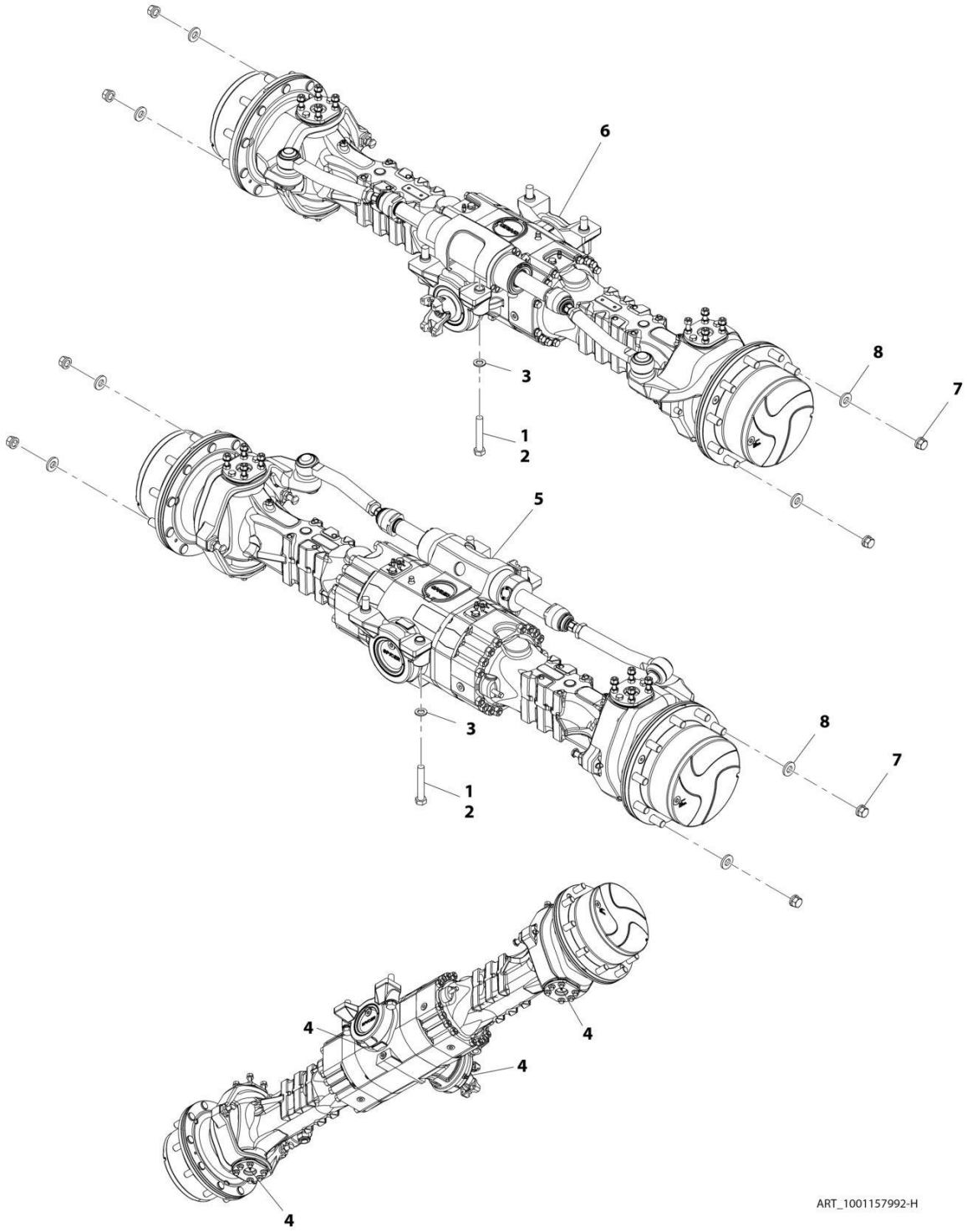


FIGURE 5-3. AXLE INSTALLATION (FOAM FILL) (74KW) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157992	Ref	Axle Installation (Foam Fill) (74KW)	H
1	1001198326	AR	Compound, Locking	
2	0712029	8	Bolt, M20X120	
3	1001197130	8	Washer, M20	
4	1001008462	AR	Lube, Multipurpose Grease	
5	1001182621	1	Axle, Front (See Separate Breakdown in this Section)	
6	1001182622	1	Axle, Rear (See Separate Breakdown in this Section)	
7	3300479	40	Nut, Wheel M22X1.5	
8	1001114802	40	Washer	

FIGURE 5-4. AXLE INSTALLATION (55KW) (3614RS)

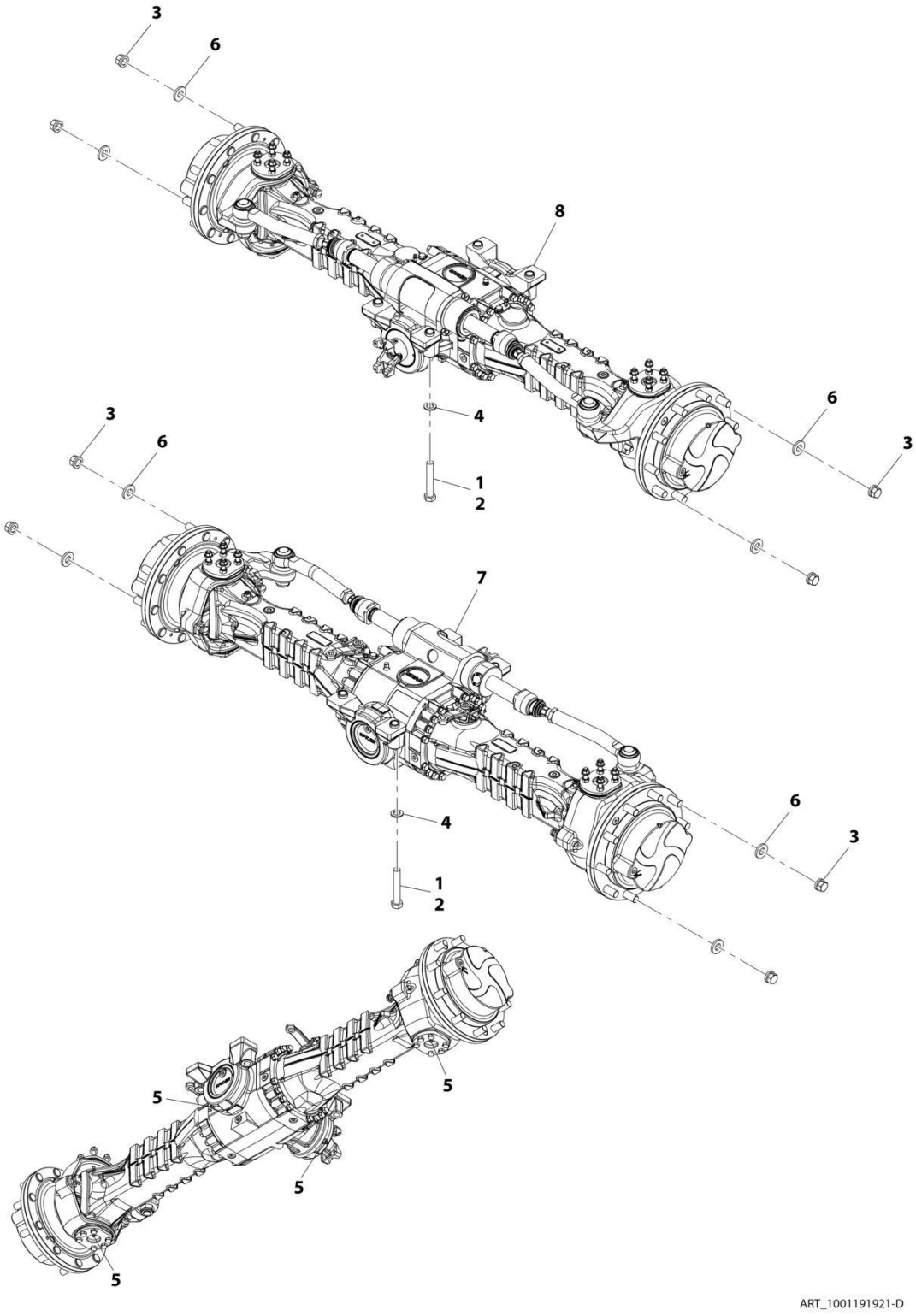


FIGURE 5-4. AXLE INSTALLATION (55KW) (3614RS)

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 (55KW) (4017RS)

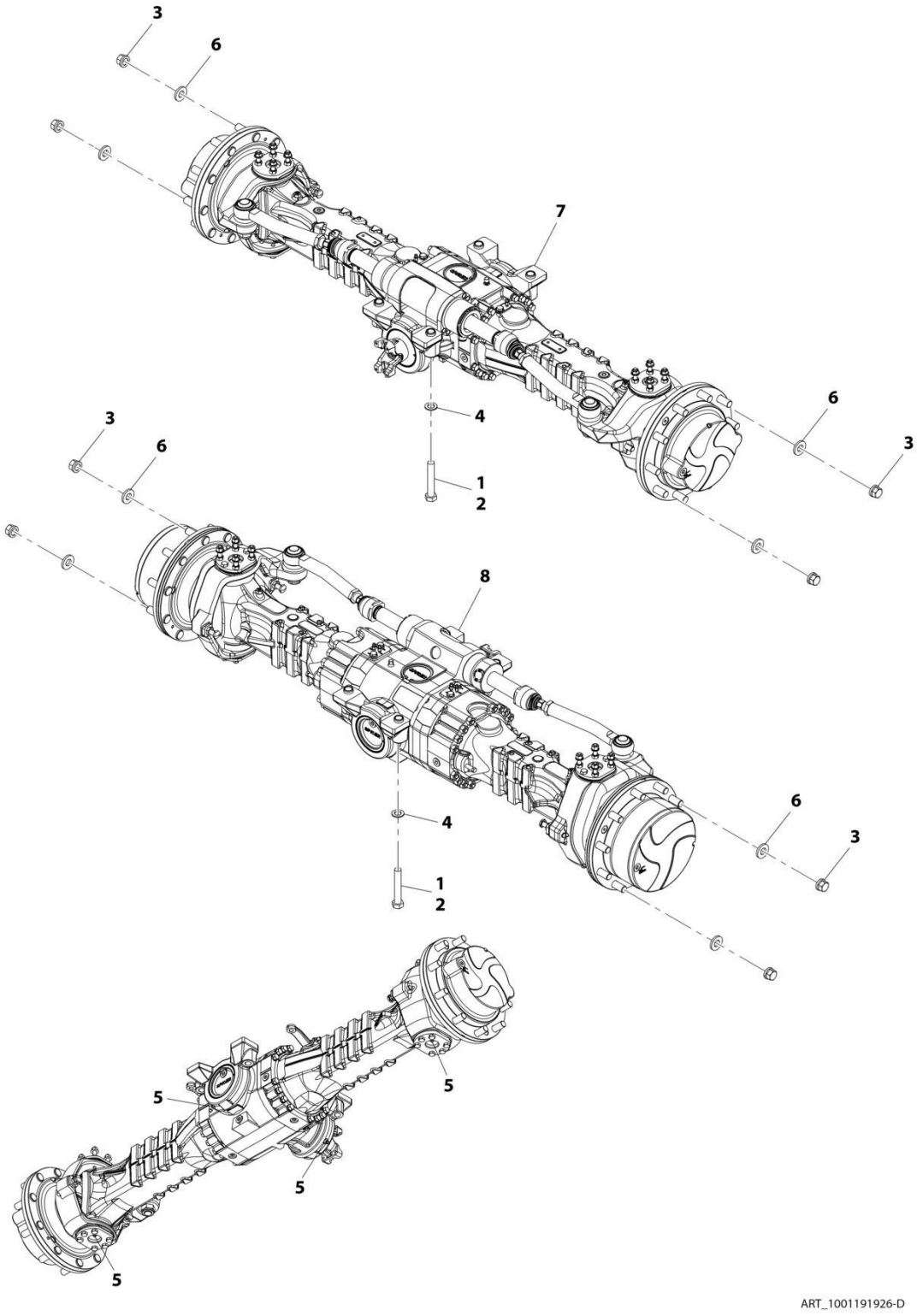


FIGURE 5-5. AXLE INSTALLATION (55KW) (4017RS)

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)

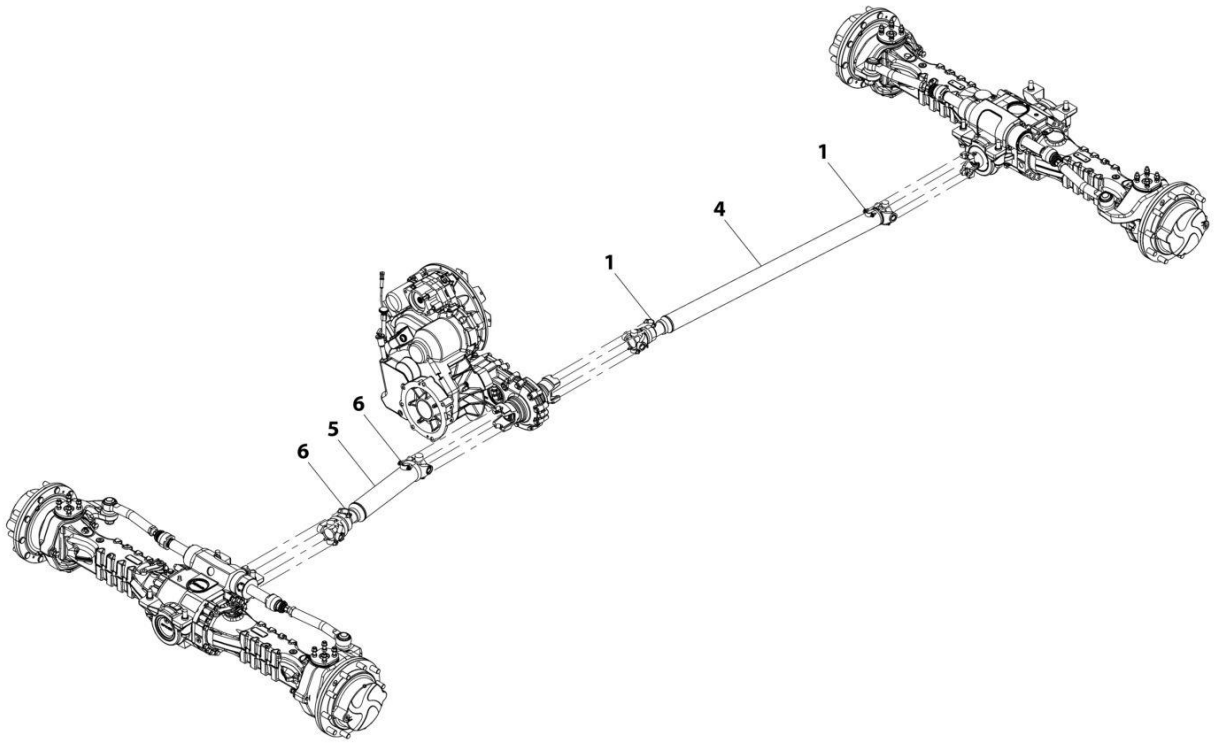


FIGURE 5-6. DRIVE SHAFT INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144458	Ref	Driveshaft Installation	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)	

FIGURE 5-7. DRIVE SHAFT INSTALLATION (4017RS)

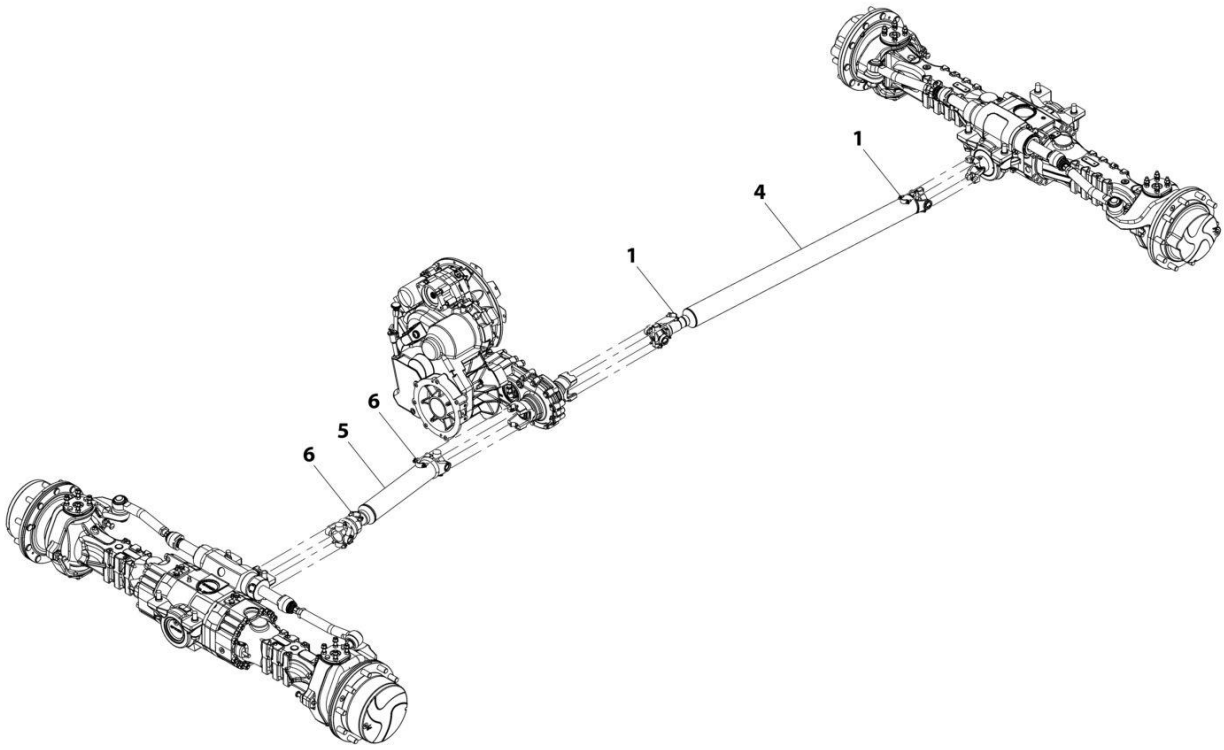


FIGURE 5-7. DRIVE SHAFT INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144459	Ref	Driveshaft Installation	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	

FIGURE 5-8. FRONT AXLE (3614RS)

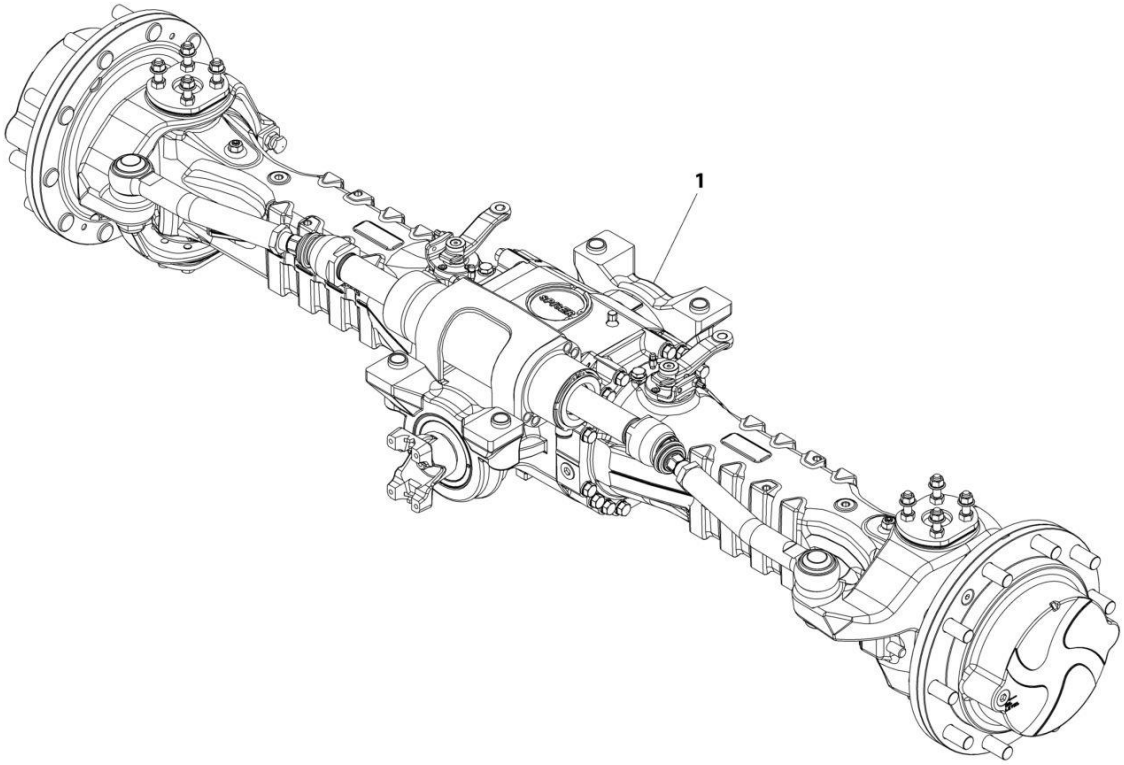


FIGURE 5-8. FRONT AXLE (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001135441	Ref	Front Axle	E
		Ref	Front Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Front Axle, Differential (See Separate Breakdown in this Section) (3614RS)	
		Ref	Front Axle, Hub Reduction (See Separate Breakdown in this Section) (3614RS)	
		Ref	Front Axle, Brakes (See Separate Breakdown in this Section) (3614RS)	
		Ref	Front Axle, Steering (See Separate Breakdown in this Section) (3614RS)	
		Ref	Front Axle, Trunion (See Separate Breakdown in this Section) (3614RS)	

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

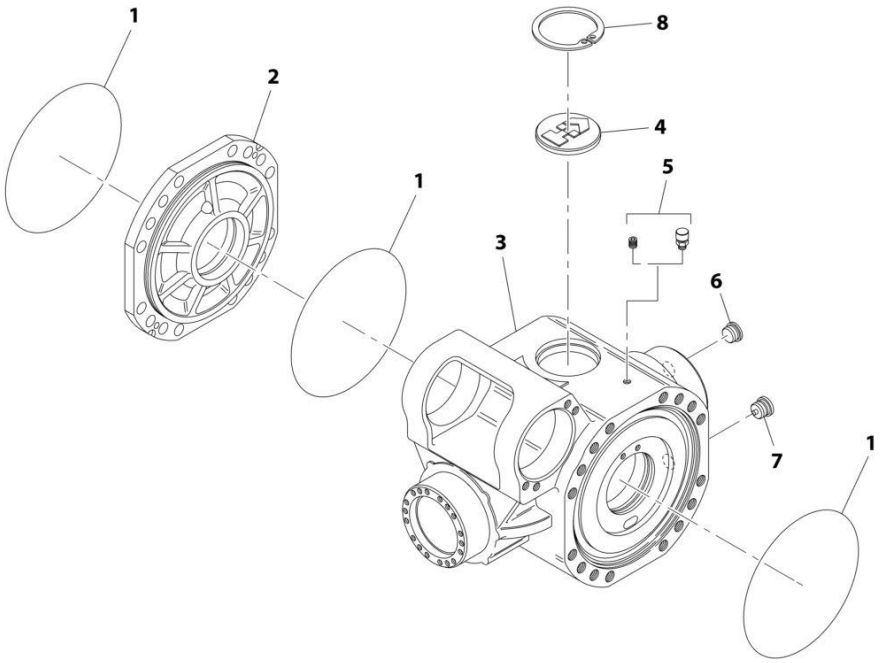


FIGURE 5-9. FRONT AXLE, CENTRAL HOUSING (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135441	Ref	FRONT AXLE, CENTRAL HOUSING	
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)

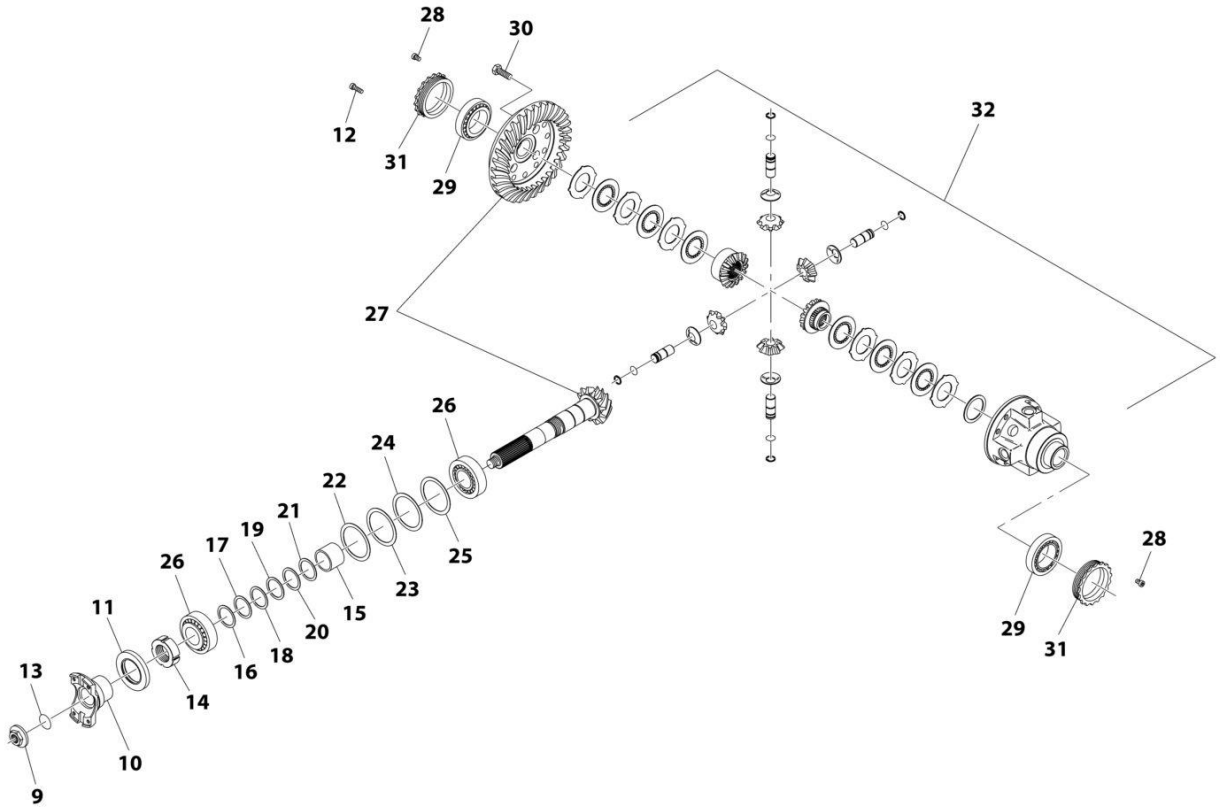


FIGURE 5-10. FRONT AXLE, DIFFERENTIAL (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135441	Ref	FRONT AXLE, DIFFERENTIAL	
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)

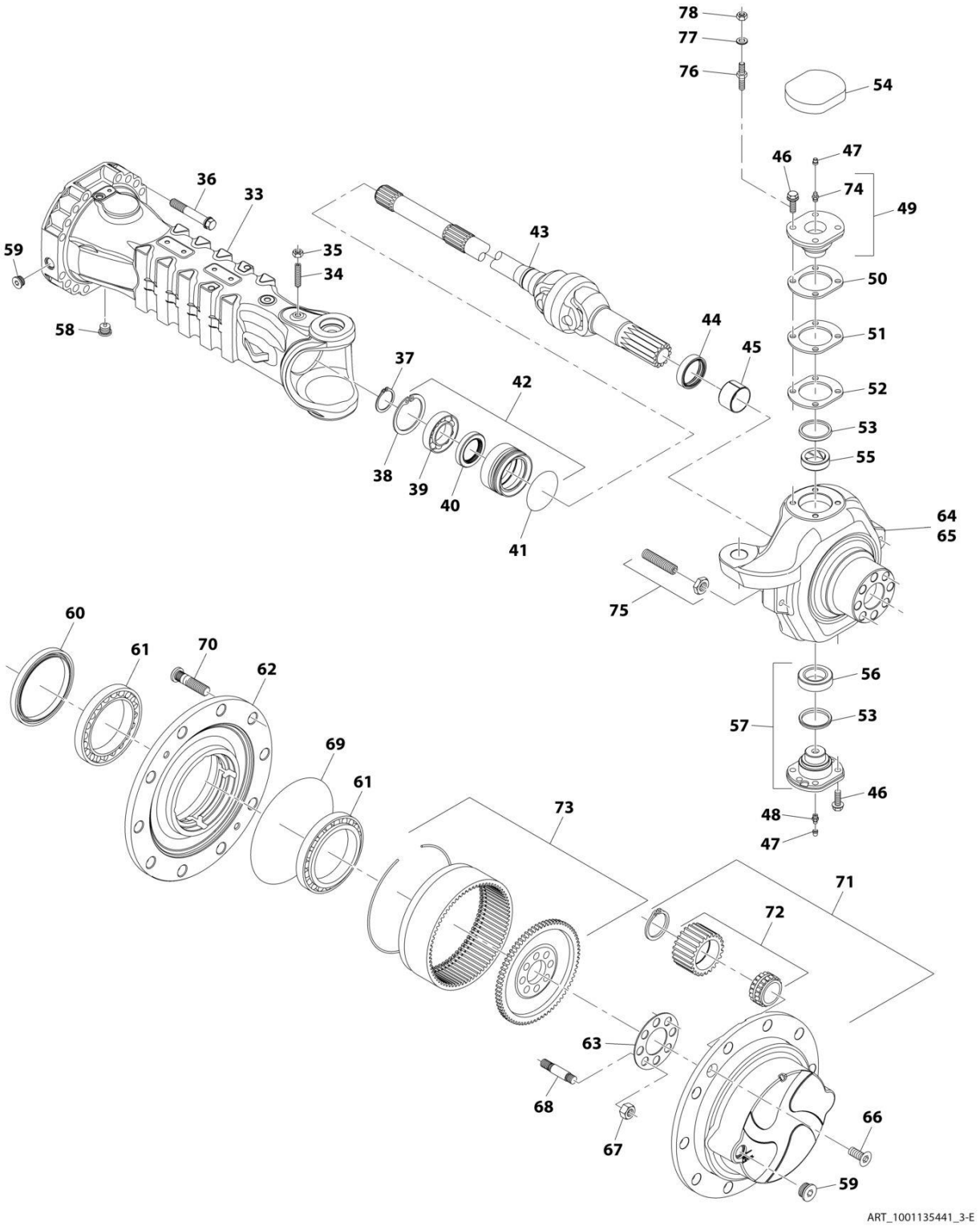


FIGURE 5-11. FRONT AXLE, HUB REDUCTION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135441	Ref	FRONT AXLE, HUB REDUCTION	
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	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 (RF, LR) (See Separate Breakdown in this Section)	
65	8007777	1	Steering Case Kit (LF, RR) (See Separate Breakdown in this Section)	
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 (See Separate Breakdown in this Section)	
72	70023900	8	Assembly, Planet Gear and Bearing (See Separate Breakdown in this Section)	
73	7029432	2	Assembly, Ring Gear Support (See Separate Breakdown in this Section)	
74	7028115	2	Fitting, Grease	
75	7028733	4	Assembly, Steering Adjust Bolt (See Separate Breakdown in this Section)	
76	70025819	8	Stud	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
77	91514119	8	Washer	
78	91514120	8	Nut	

FIGURE 5-12. FRONT AXLE, BRAKES (3614RS)

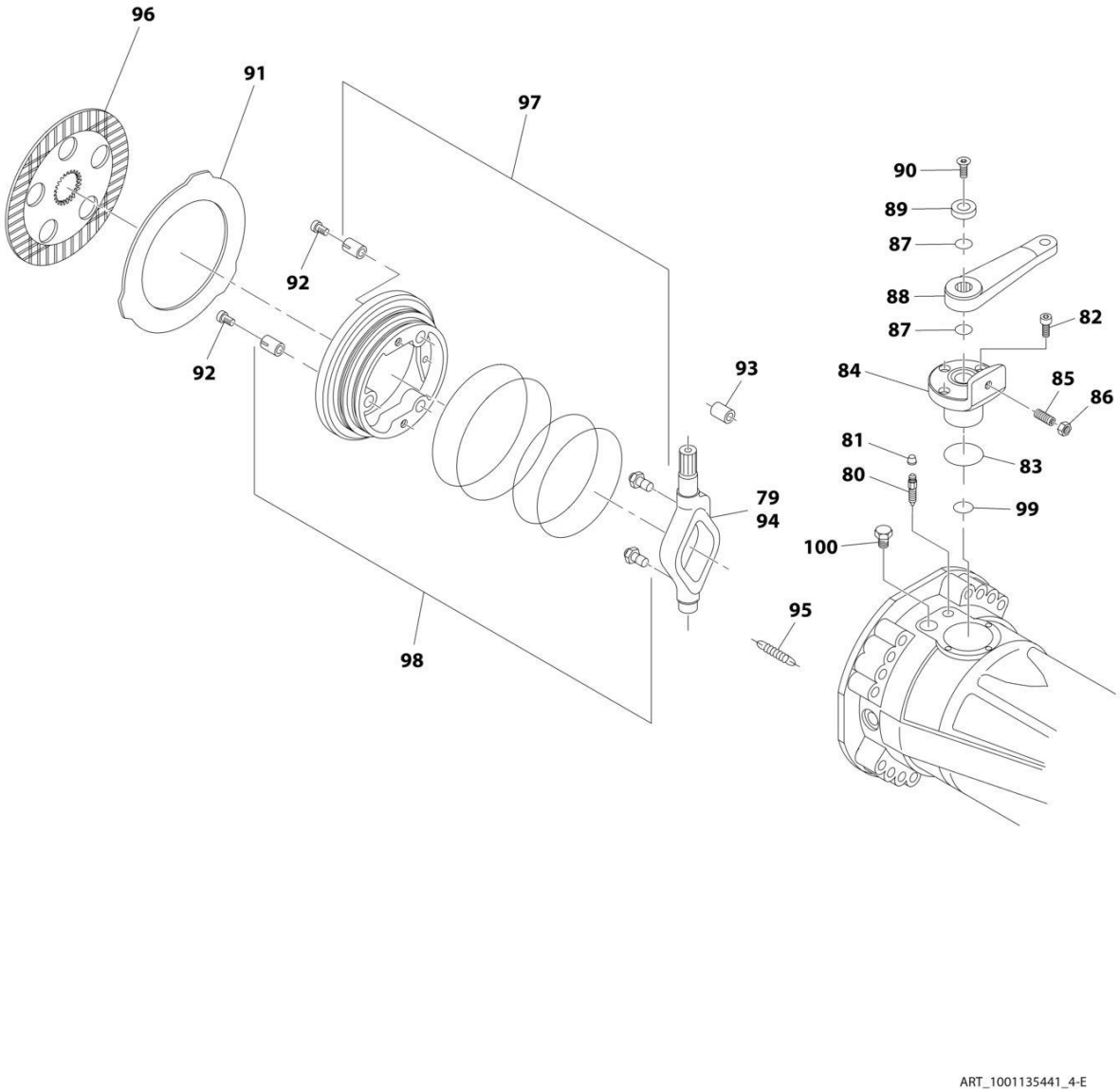


FIGURE 5-12. FRONT AXLE, BRAKES (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135441	Ref	FRONT AXLE, BRAKES	
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 (See Separate Breakdown in this Section)	
98	70026068	1	Kit Piston (See Separate Breakdown in this Section)	
99	8007802	2	O-Ring	
100	91514154	2	Bolt	

FIGURE 5-13. FRONT AXLE, STEERING (3614RS)

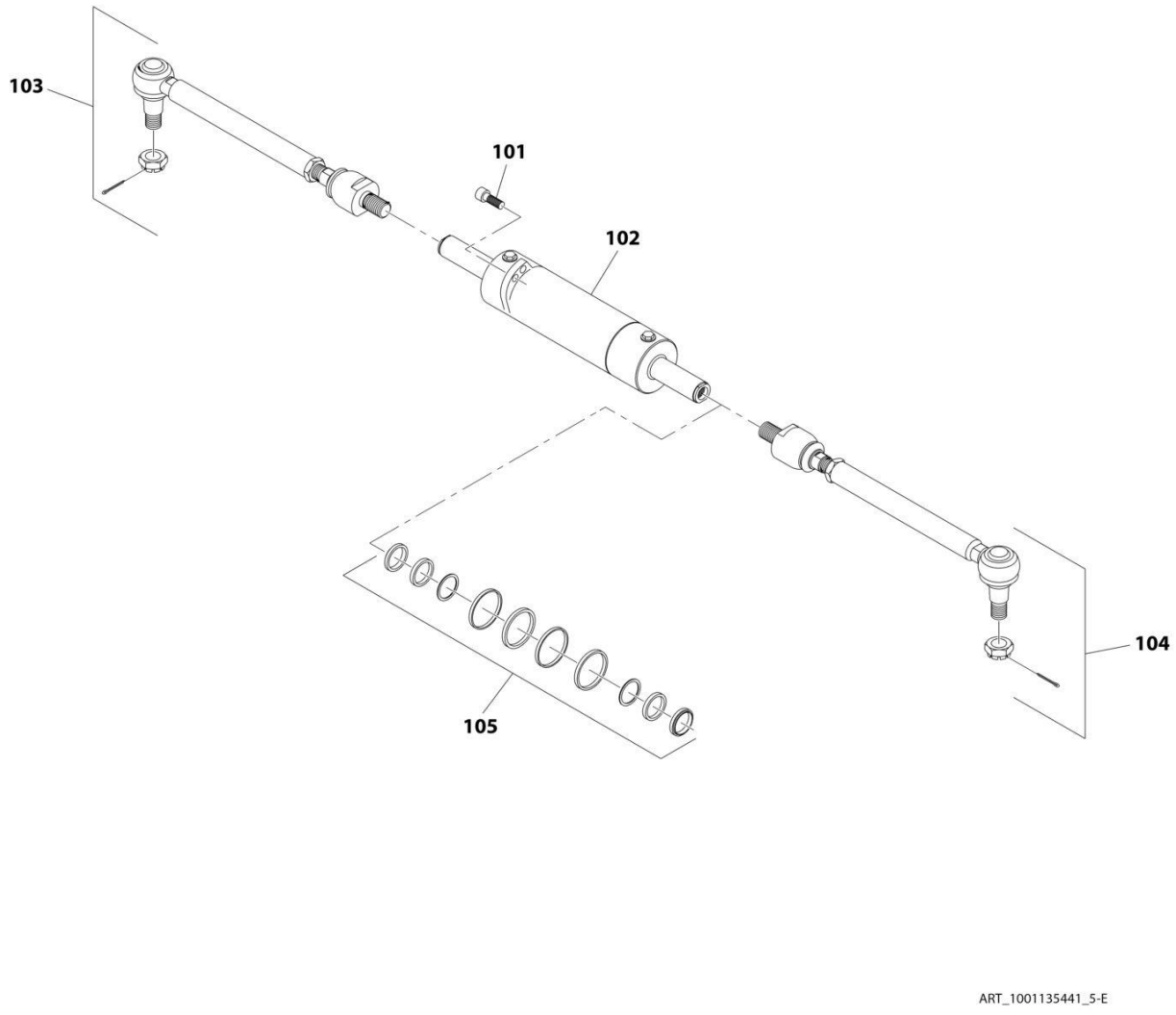


FIGURE 5-13. FRONT AXLE, STEERING (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135441	Ref	FRONT AXLE, STEERING	
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)

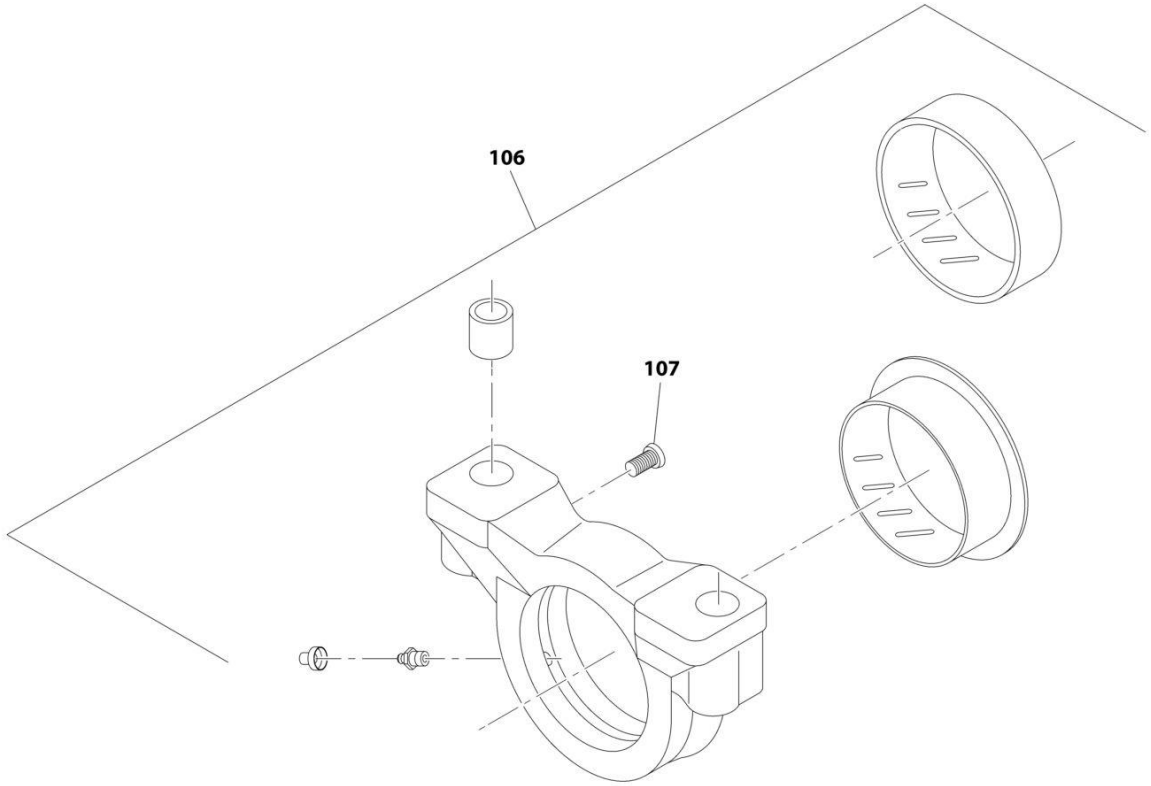


FIGURE 5-14. FRONT AXLE, TRUNION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135441	Ref	FRONT AXLE, TRUNION	
106	70026630	2	Trunion Kit (See Separate Breakdown in this Section)	
107	70025884	2	Bolt	

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

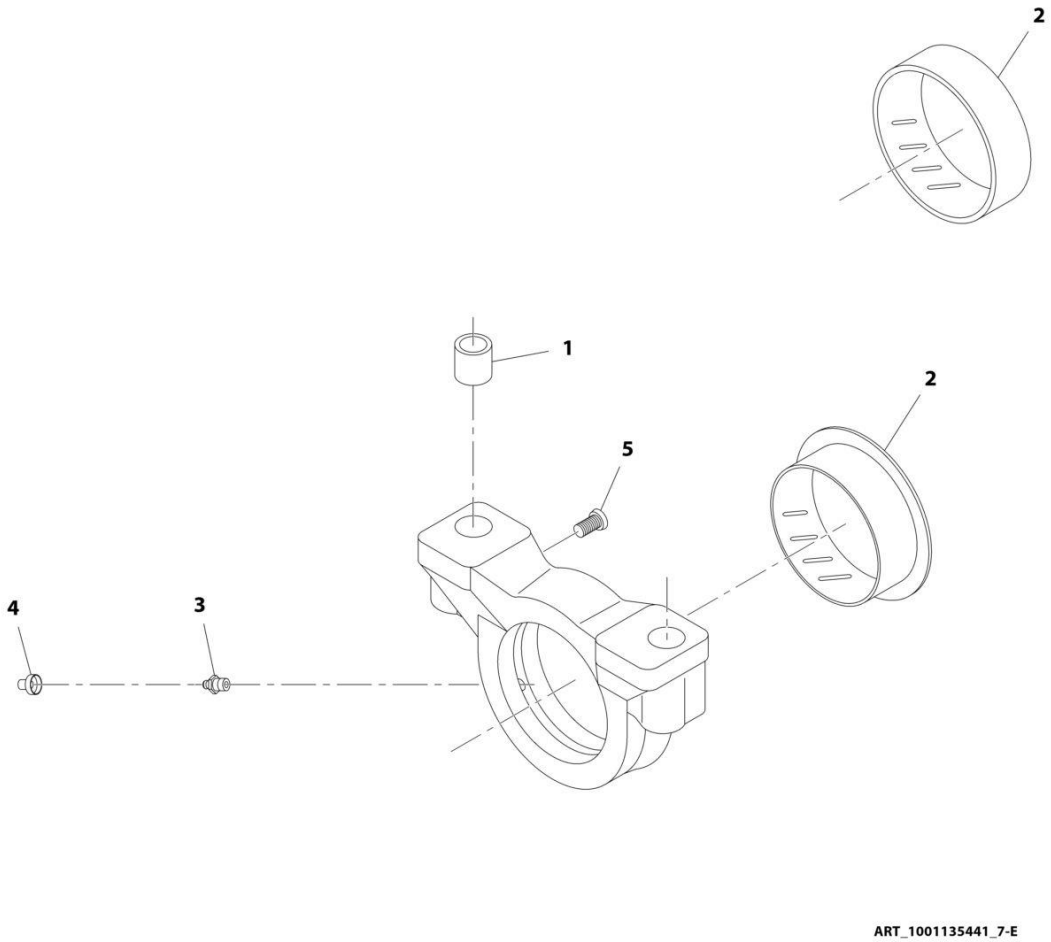


FIGURE 5-15. FRONT AXLE, TRUNION KIT (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135441	Ref	FRONT AXLE, TRUNION KIT	
	70026630	Ref	Trunion Kit	
1	91474516	4	Bushing, Reduction	
2	91474515	2	Bushing, Thrust	
3	91514099	2	Fitting, Grease	
4	80204117	2	Plug	
5	70025884	2	Bolt	

FIGURE 5-16. DIFFERENTIAL KIT

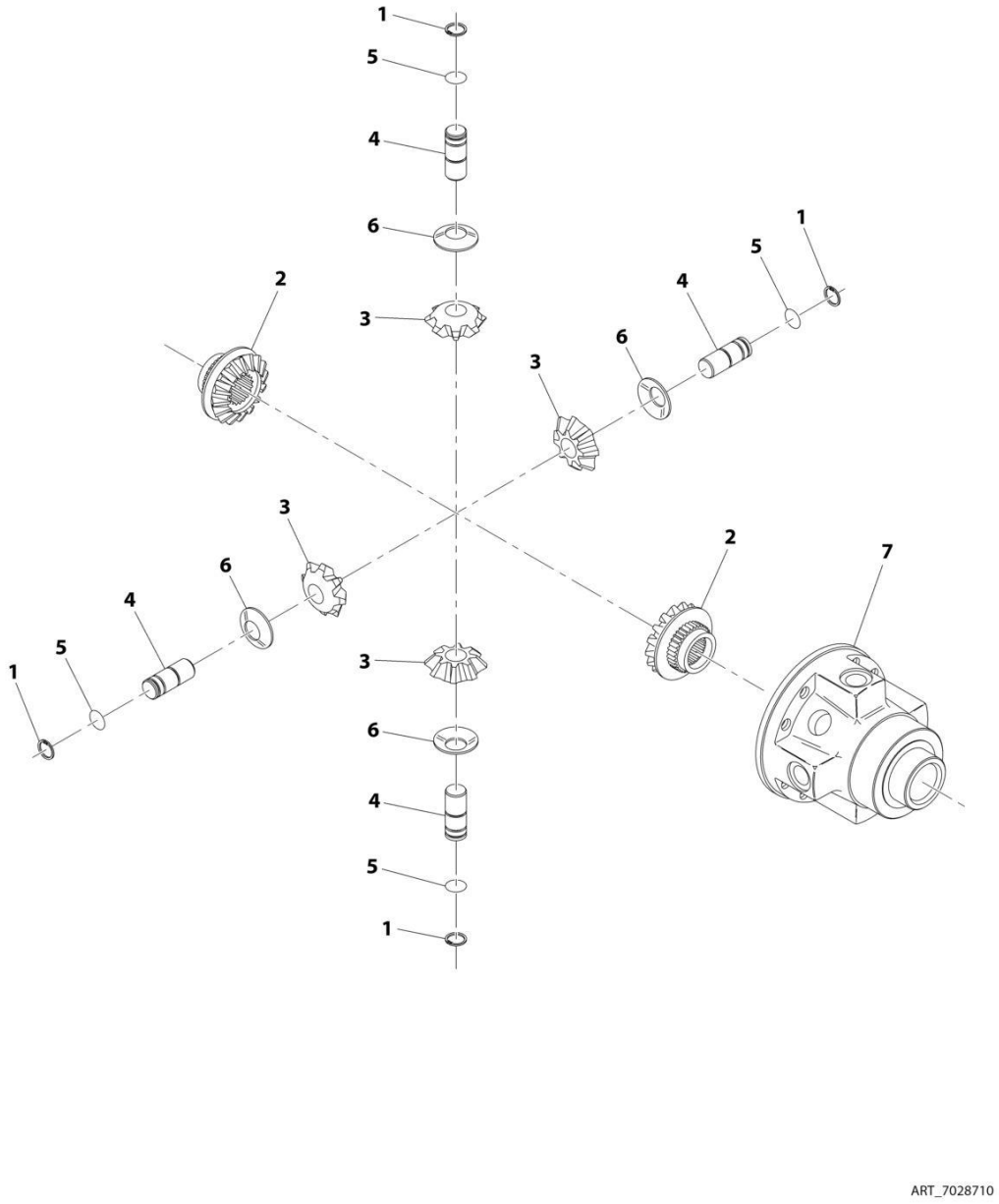


FIGURE 5-16. DIFFERENTIAL KIT

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)

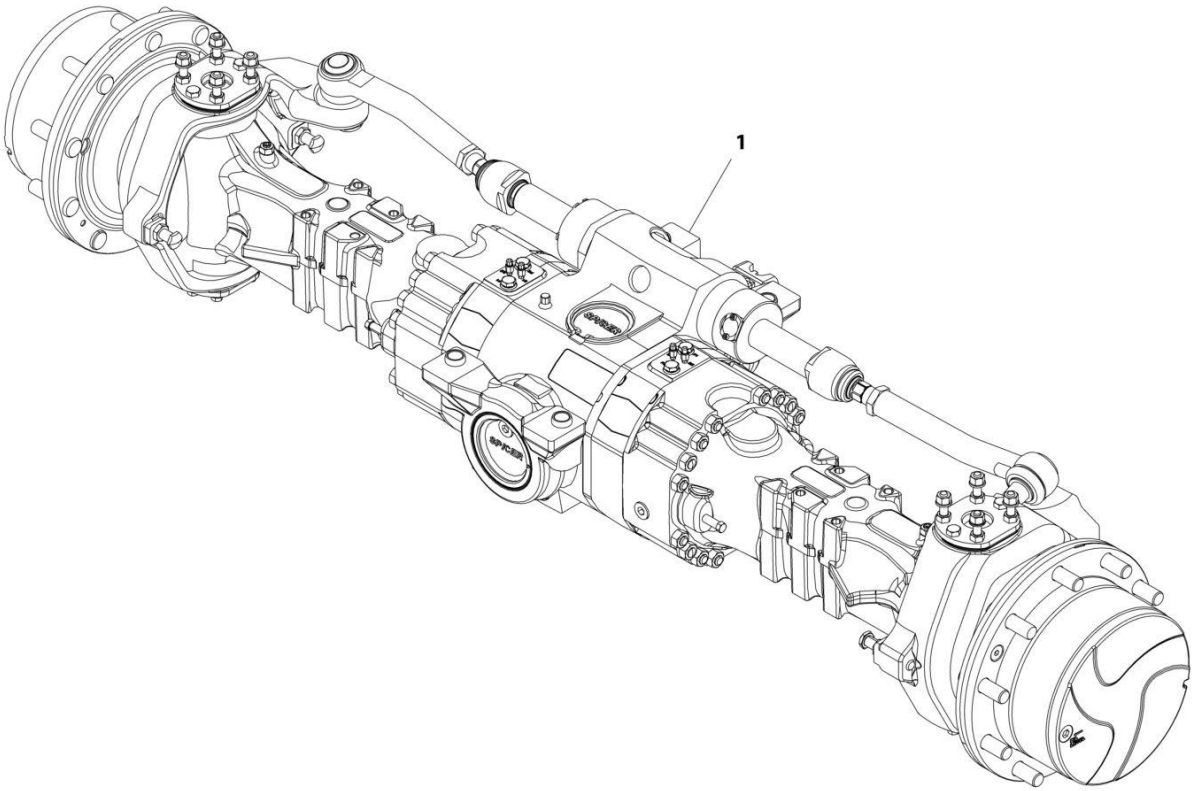


FIGURE 5-17. FRONT AXLE (4017RS)

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

FIGURE 5-18. FRONT AXLE, CENTRAL HOUSING (4017RS)

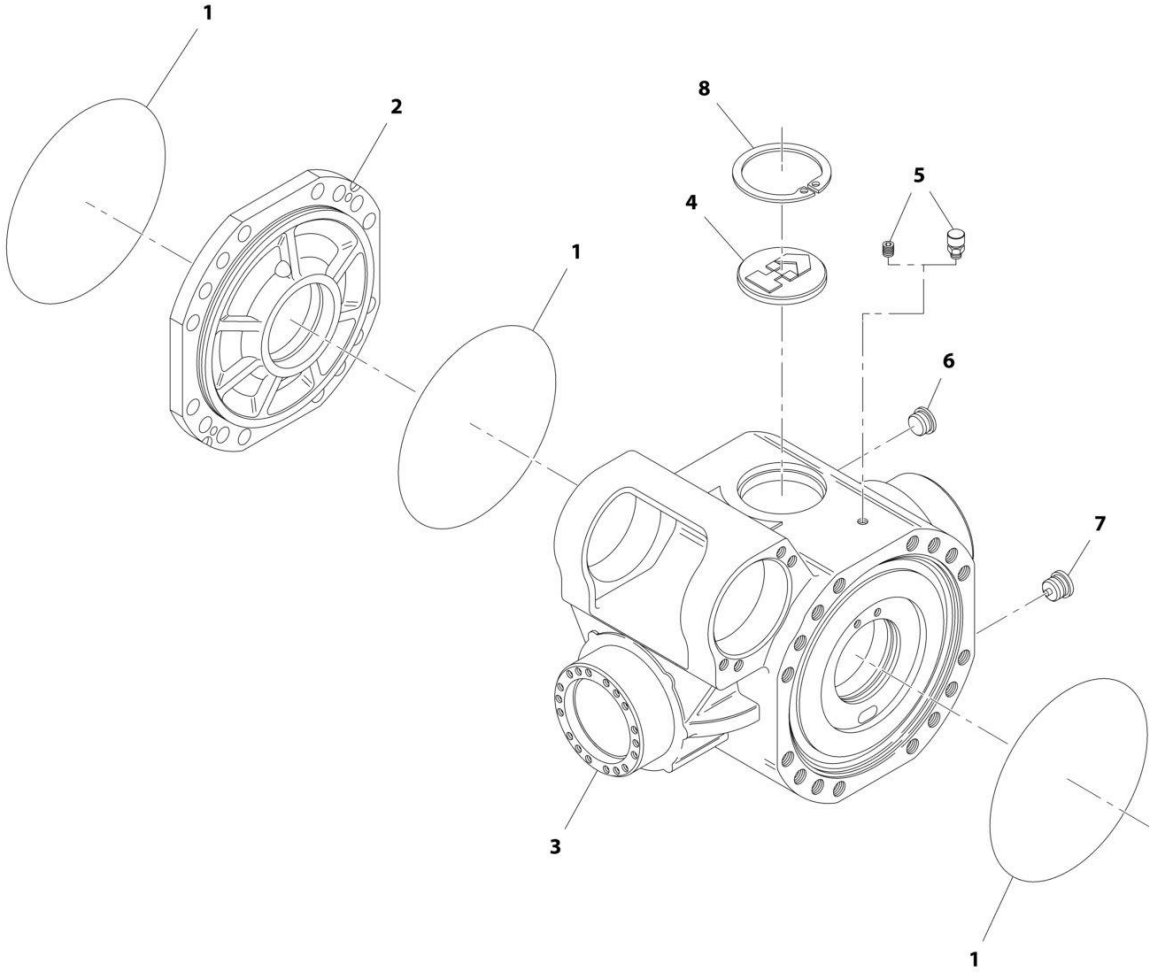


FIGURE 5-18. FRONT AXLE, CENTRAL HOUSING (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182621	Ref	FRONT AXLE, CENTRAL HOUSING	
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 5-19. FRONT AXLE, DIFFERENTIAL (4017RS)

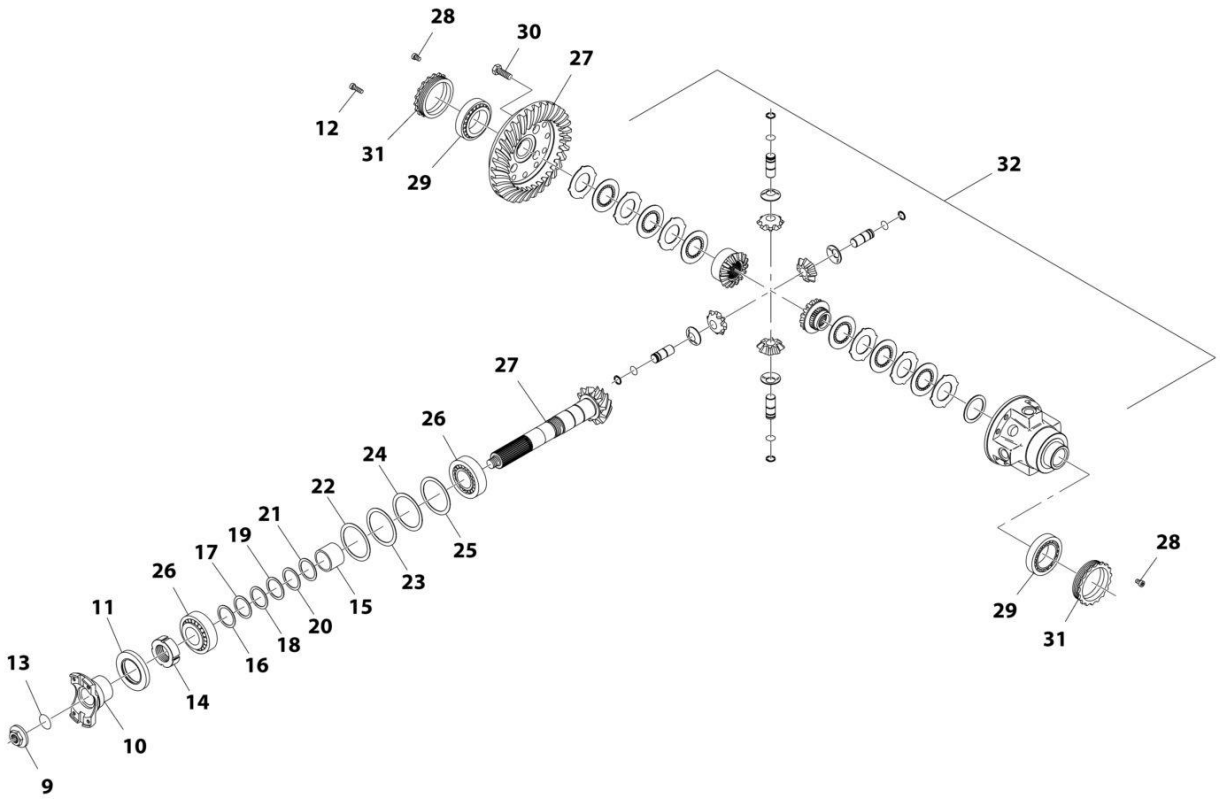


FIGURE 5-19. FRONT AXLE, DIFFERENTIAL (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182621	Ref	FRONT AXLE, DIFFERENTIAL	
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 5-20. FRONT AXLE, HUB REDUCTION (4017RS)

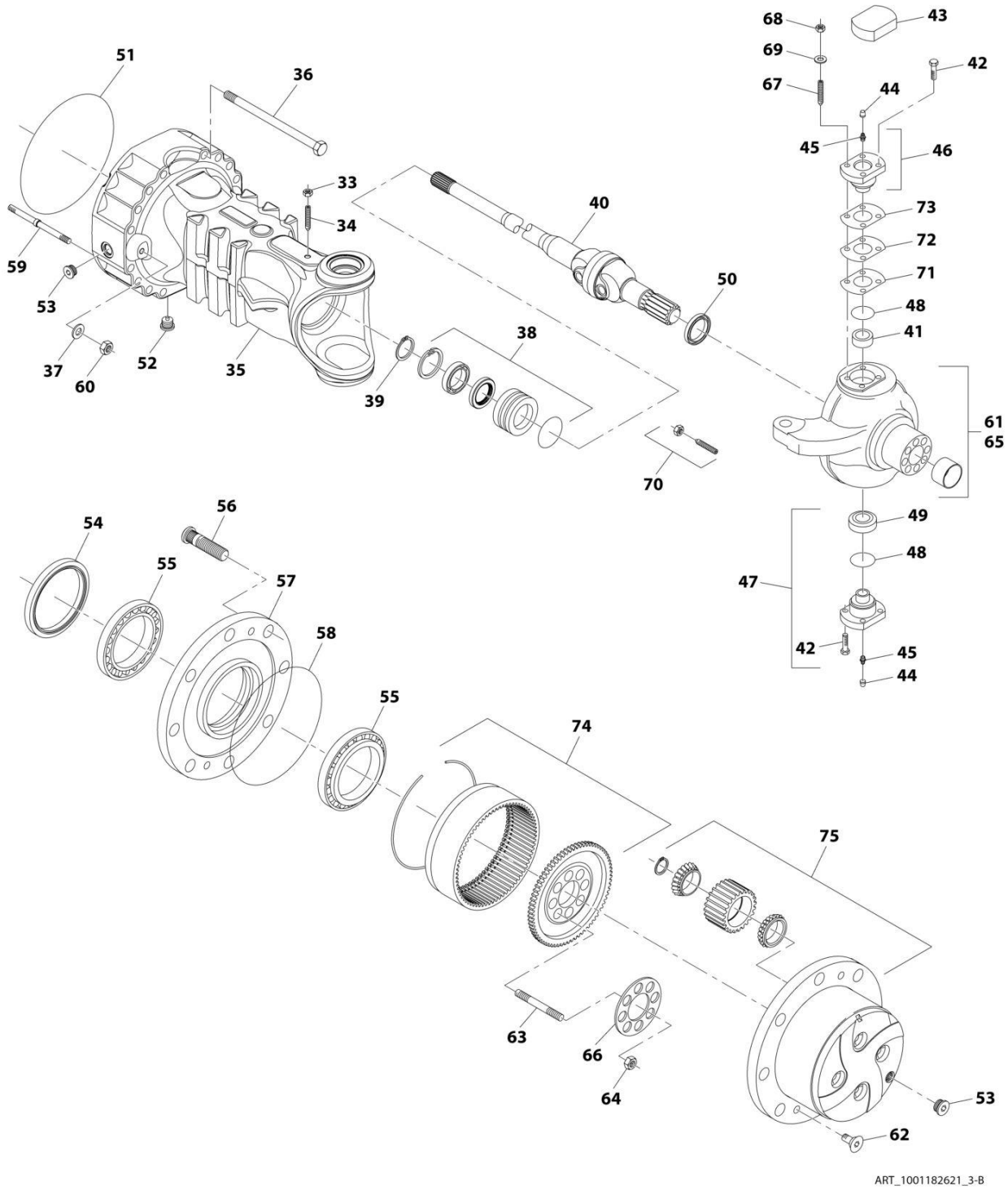


FIGURE 5-20. FRONT AXLE, HUB REDUCTION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182621	Ref	FRONT AXLE, HUB REDUCTION	
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 5-21. FRONT AXLE, BRAKES (4017RS)

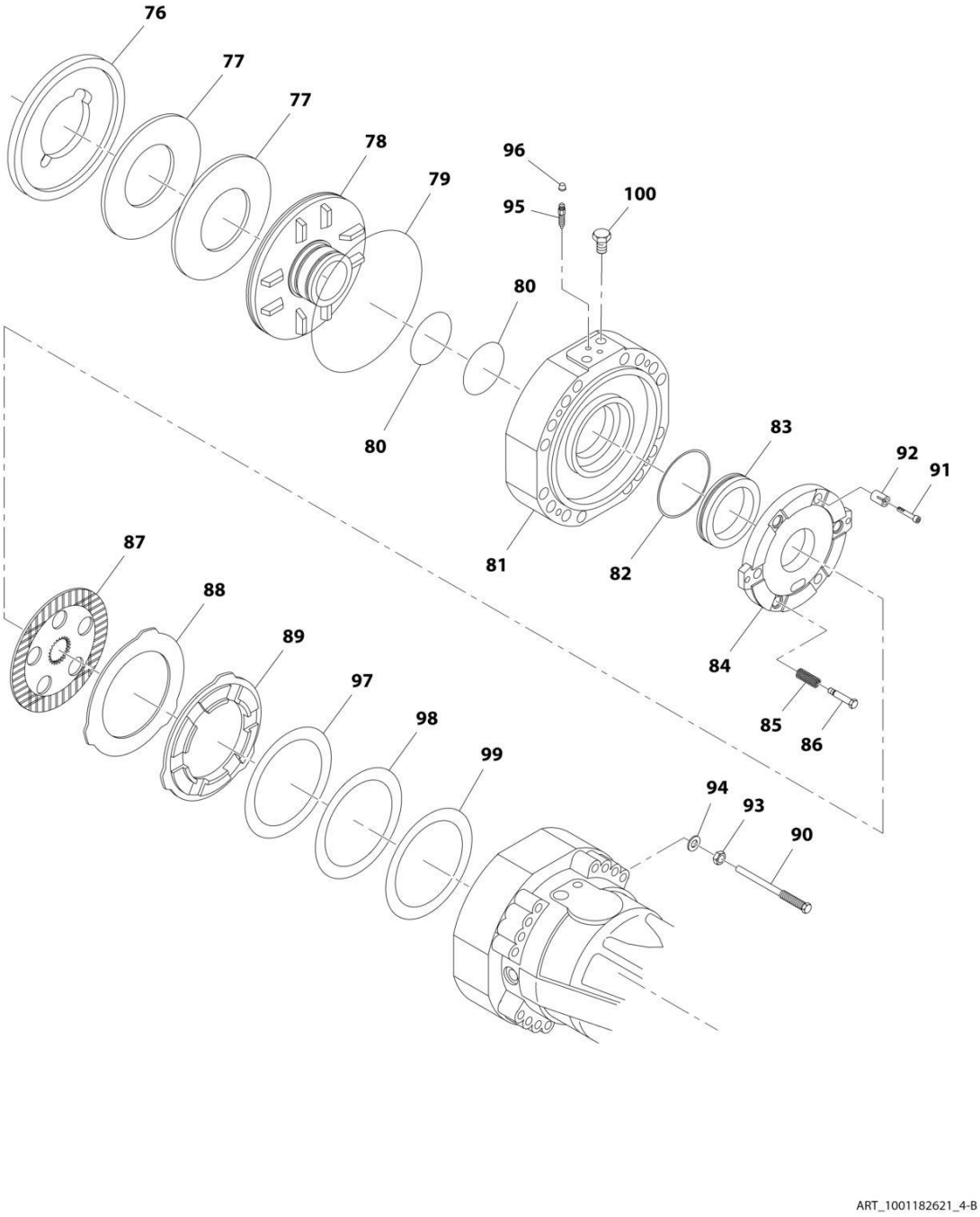


FIGURE 5-21. FRONT AXLE, BRAKES (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182621	Ref	FRONT AXLE, BRAKES	
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 5-22. FRONT AXLE, STEERING (4017RS)

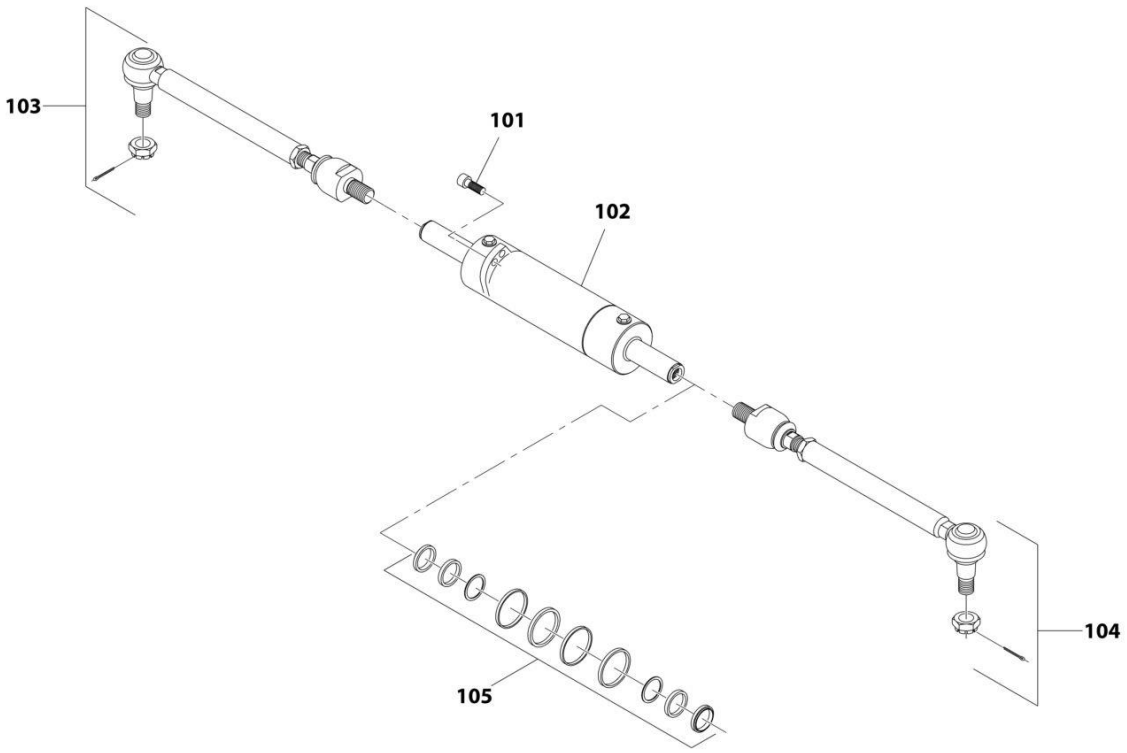


FIGURE 5-22. FRONT AXLE, STEERING (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182621	Ref	FRONT AXLE, STEERING	
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 5-23. FRONT AXLE, TRUNION (4017RS)

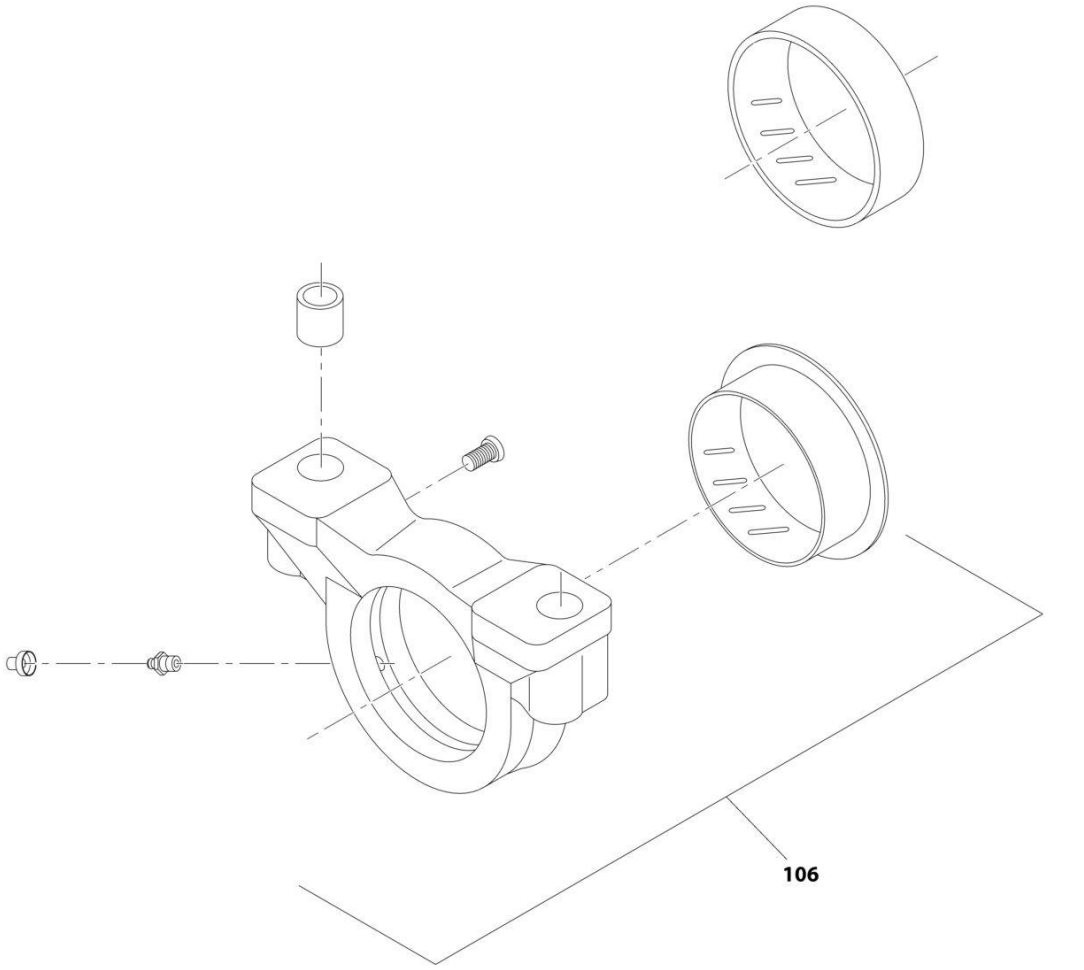


FIGURE 5-23. FRONT AXLE, TRUNION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182621	Ref	FRONT AXLE, TRUNION	
106	70026630	2	Trunion Kit (See Separate Breakdown in this Section)	

FIGURE 5-24. DIFFERENTIAL KIT

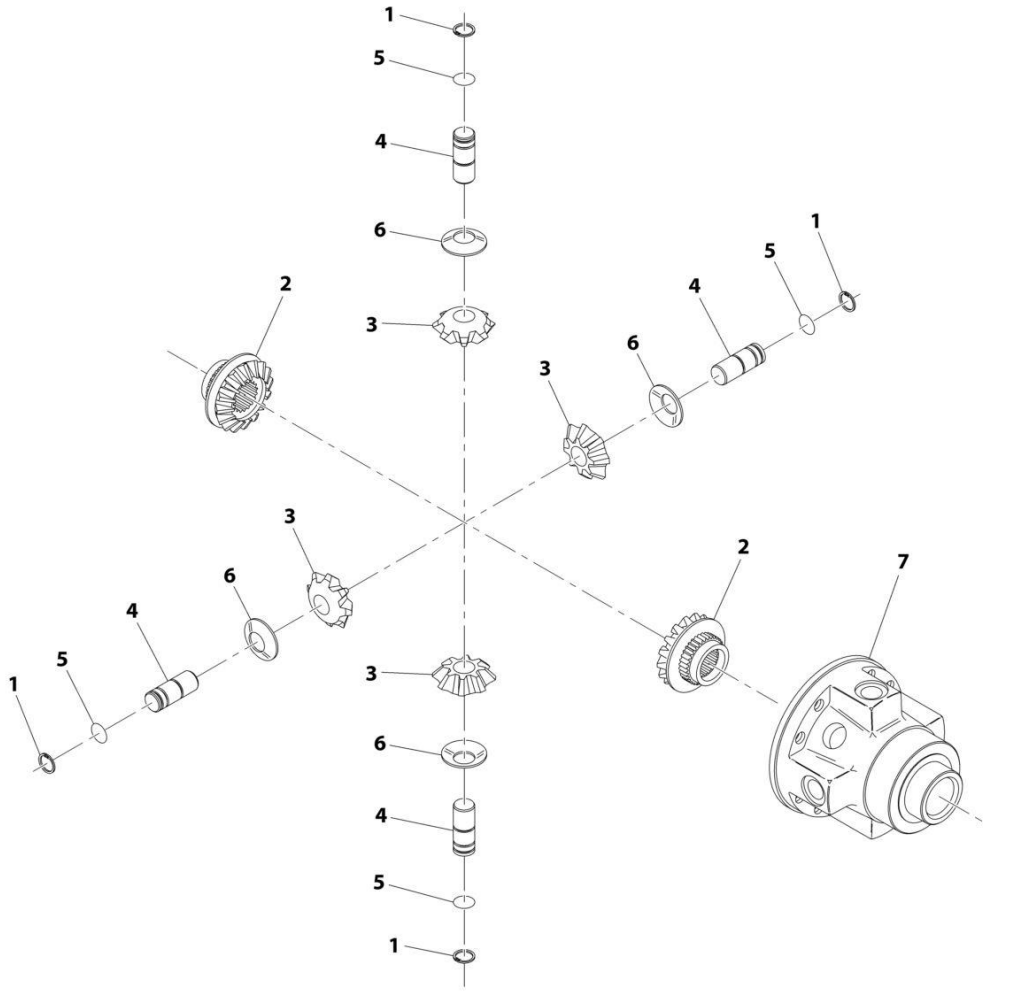
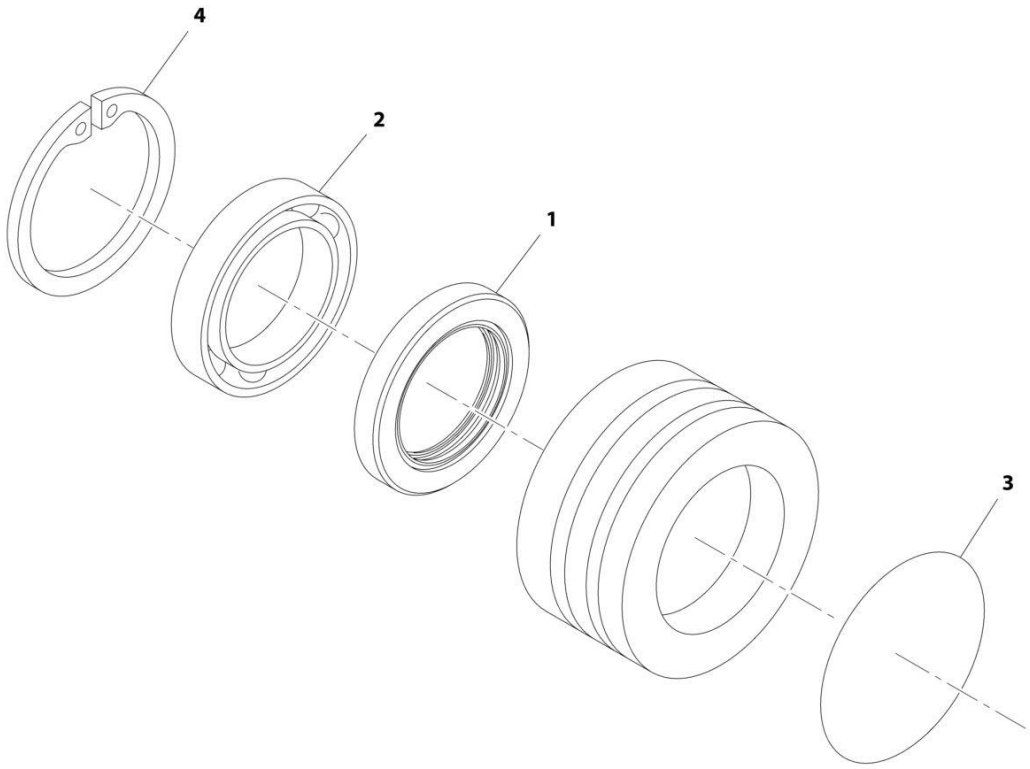


FIGURE 5-24. DIFFERENTIAL KIT

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. REDUCTION BUSHING



ART_1001182621_8-B

FIGURE 5-25. REDUCTION BUSHING

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 5-26. STEERING CASE KIT LH

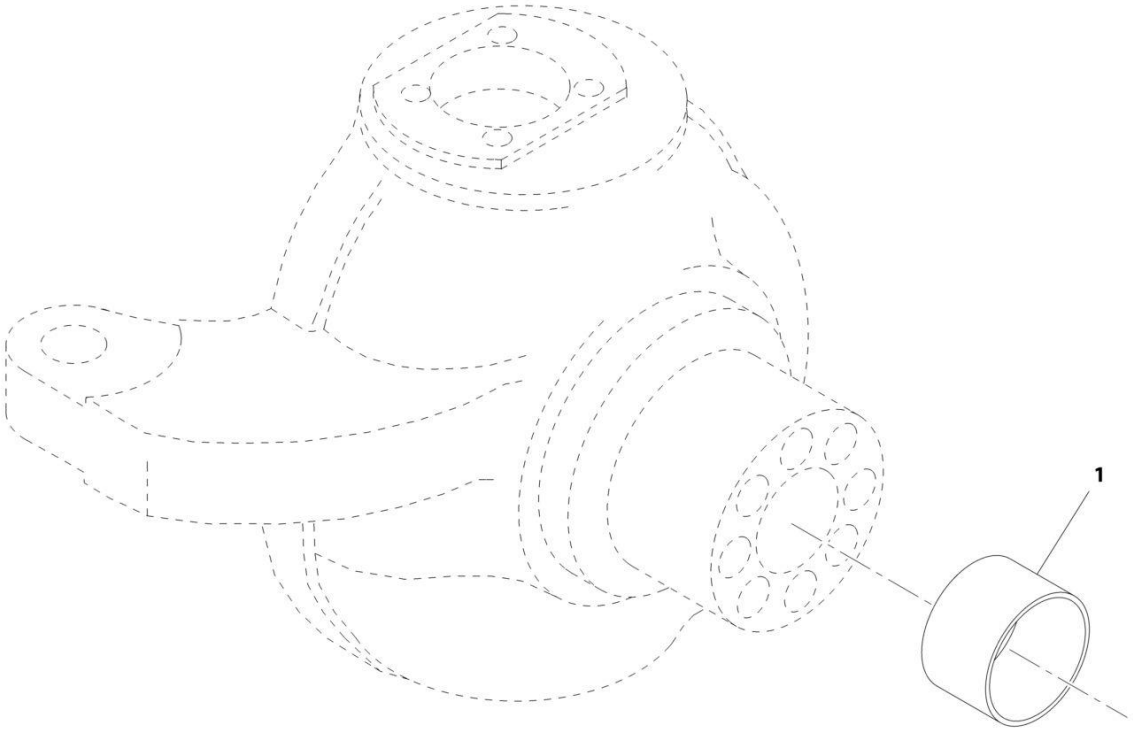


FIGURE 5-26. STEERING CASE KIT LH

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

FIGURE 5-27. STEERING CASE KIT RH

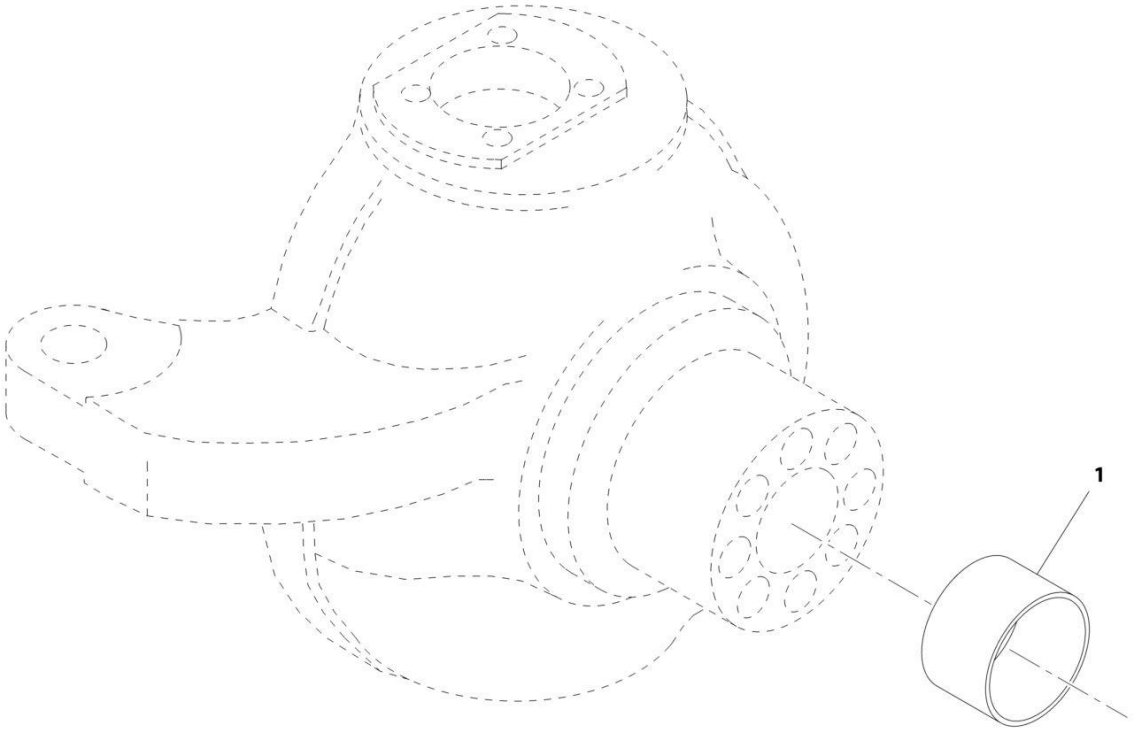
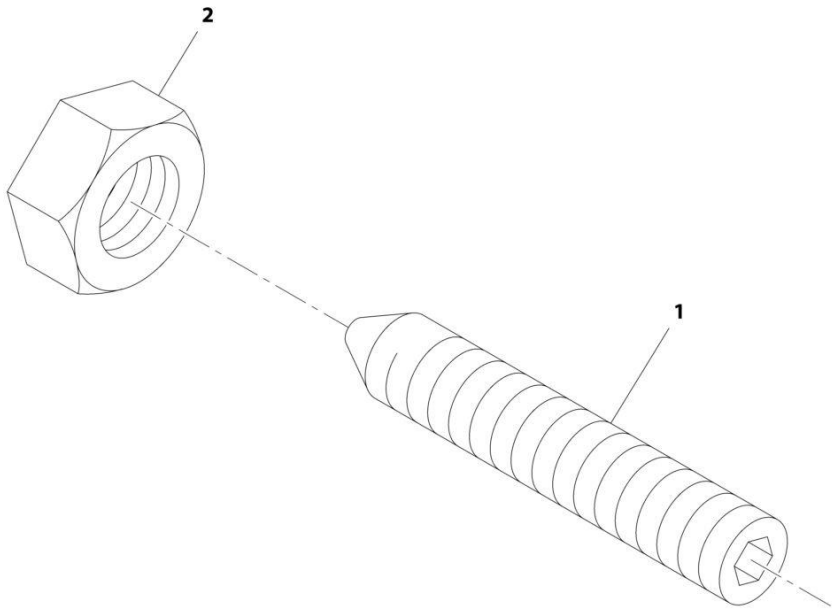


FIGURE 5-27. STEERING CASE KIT RH

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

FIGURE 5-28. STEERING ADJUST BOLT KIT

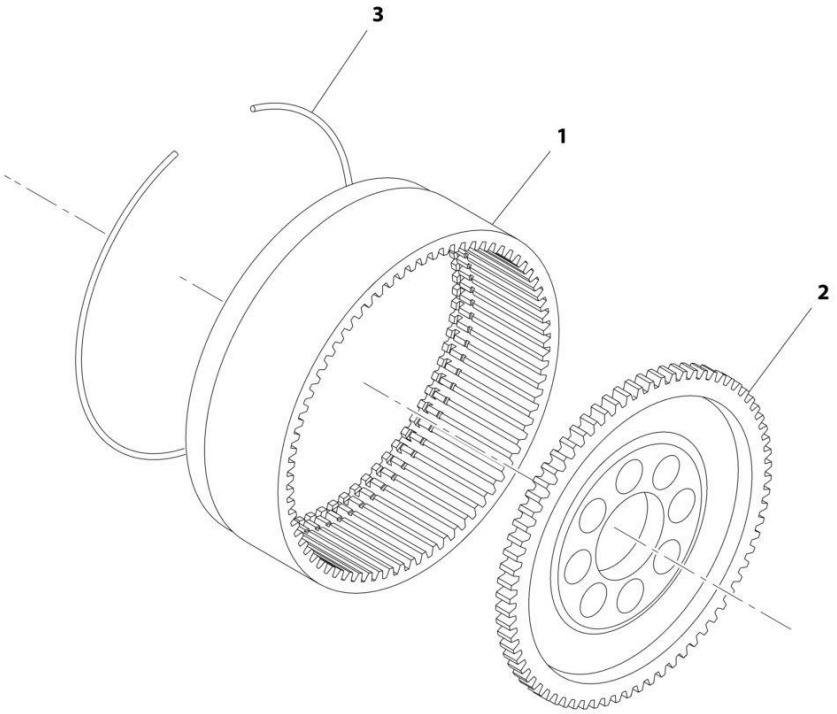


ART_1001182621_11-B

FIGURE 5-28. STEERING ADJUST BOLT KIT

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

FIGURE 5-29. RING GEAR SUPPORT KIT

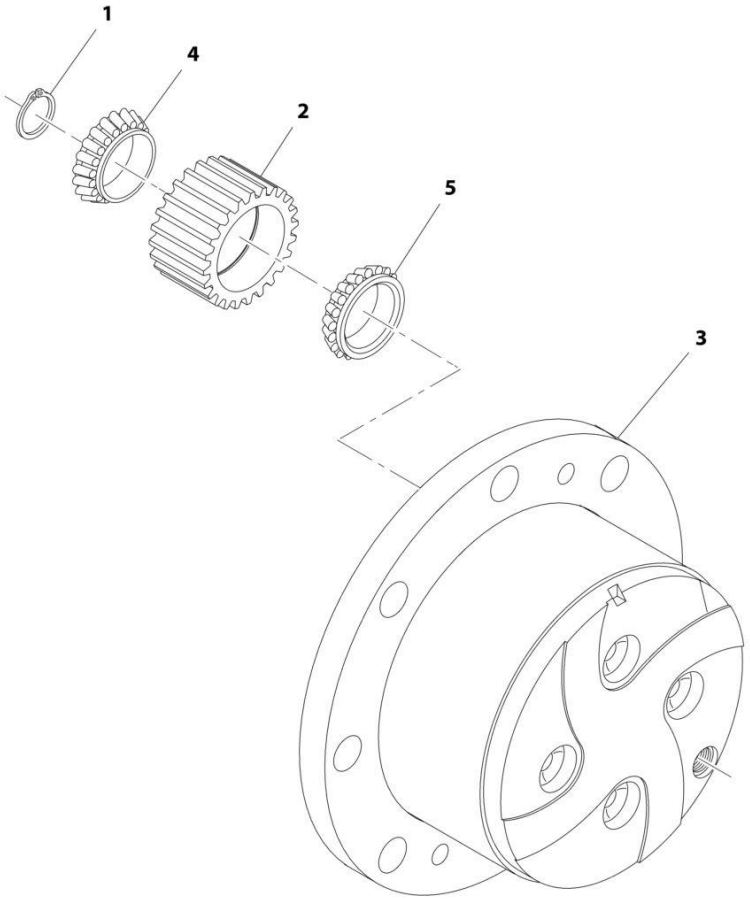


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FIGURE 5-29. RING GEAR SUPPORT KIT

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 5-30. PLANET GEAR CARRIER KIT



ART_1001182621_13-B

FIGURE 5-30. 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	NLA	Bearing (Use/Order both PN 70031458 & 70031459 as Replacement)	
5	70031458	6	Bearing	
5	70031459	6	Bearing	

FIGURE 5-31. TRUNION KIT

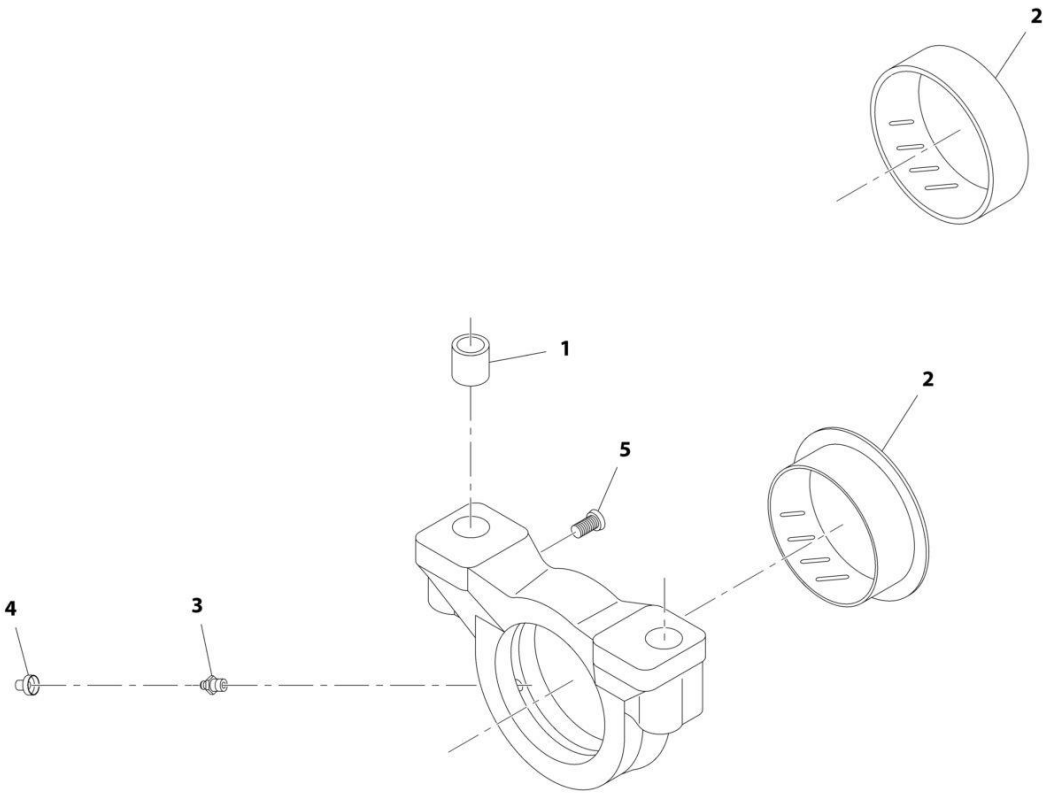


FIGURE 5-31. TRUNION KIT

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 5-32. REAR AXLE (NO FOAM FILL)

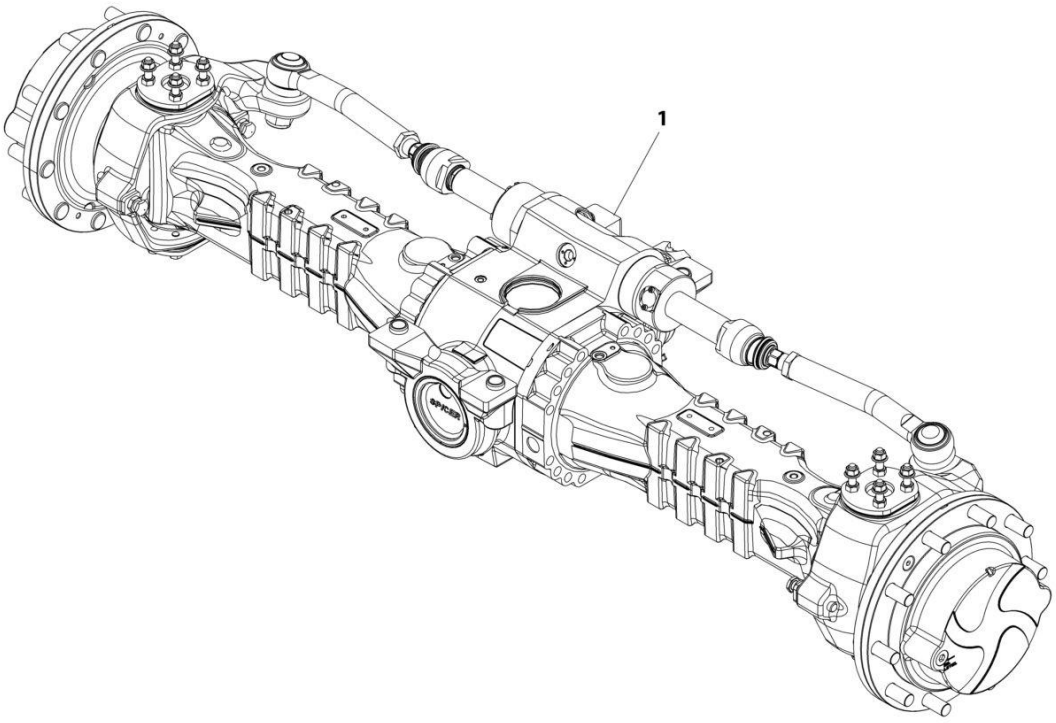


FIGURE 5-32. REAR AXLE (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	Rear Axle (No Foam Fill)	E
1		Ref	Rear Axle, Central Housing (no Foam Fill) (See Separate Breakdown in this Section)	
2		Ref	Rear Axle, Differential (no Foam Fill) (See Separate Breakdown in this Section)	
3		Ref	Rear Axle, Hub Reduction (no Foam Fill) (See Separate Breakdown in this Section)	
4		Ref	Rear Axle, Brakes (no Foam Fill) (See Separate Breakdown in this Section)	
5		Ref	Rear Axle, Steering (no Foam Fill) (See Separate Breakdown in this Section)	
6		Ref	Rear Axle, Trunion (no Foam Fill) (See Separate Breakdown in this Section)	

FIGURE 5-33. REAR AXLE, CENTRAL HOUSING (NO FOAM FILL)

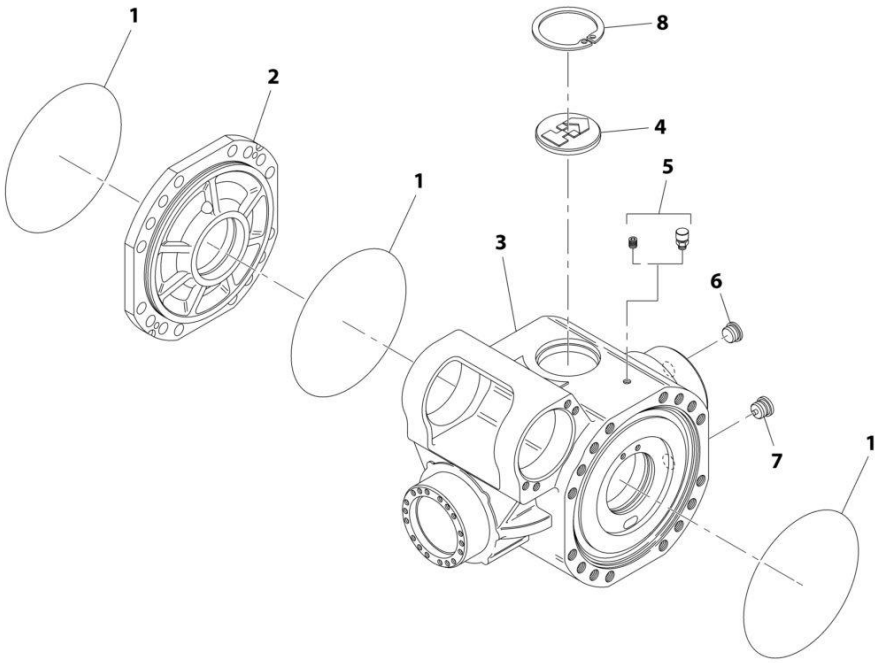


FIGURE 5-33. REAR AXLE, CENTRAL HOUSING (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	REAR AXLE, CENTRAL HOUSING	
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 5-34. REAR AXLE, DIFFERENTIAL (NO FOAM FILL)

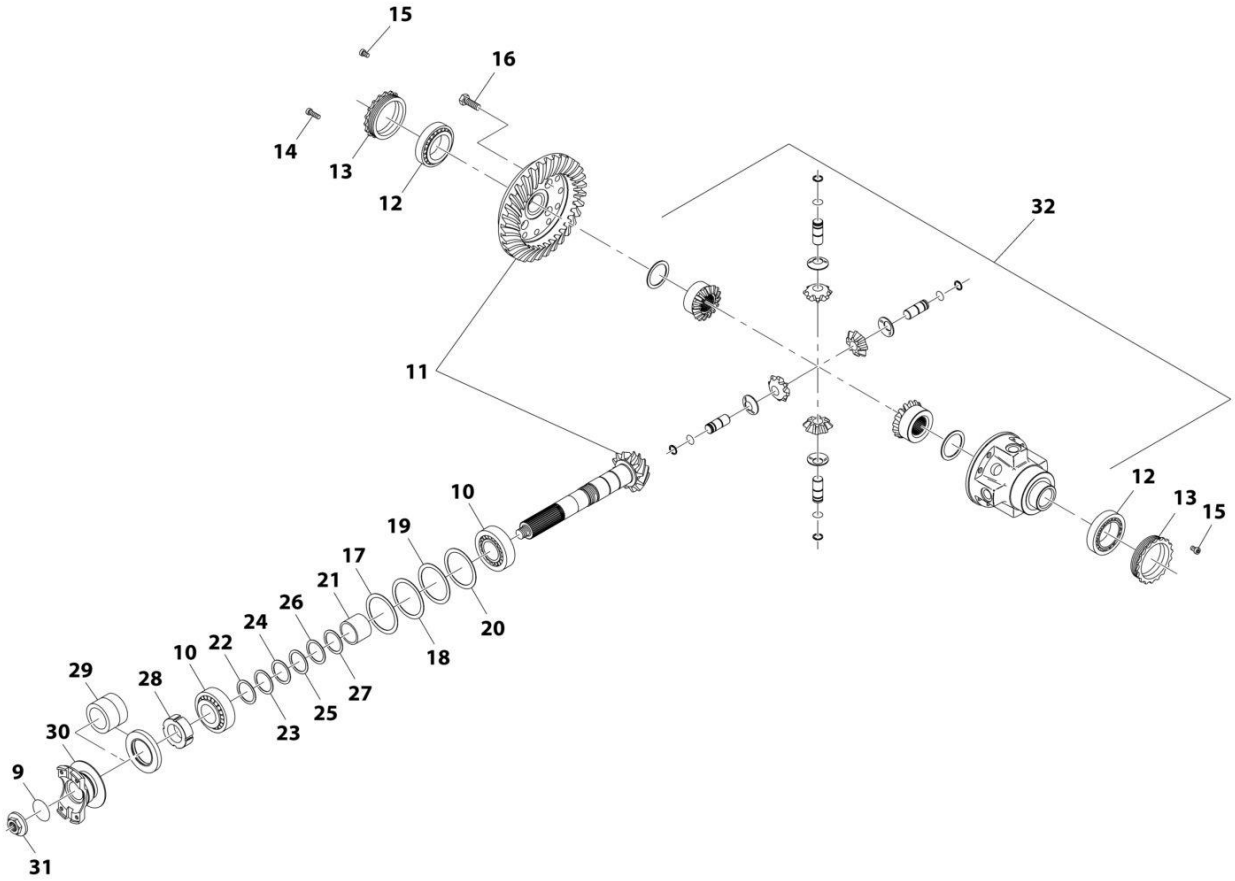


FIGURE 5-34. REAR AXLE, DIFFERENTIAL (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	REAR AXLE, DIFFERENTIAL	
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 5-35. REAR AXLE, HUB REDUCTION (NO FOAM FILL)

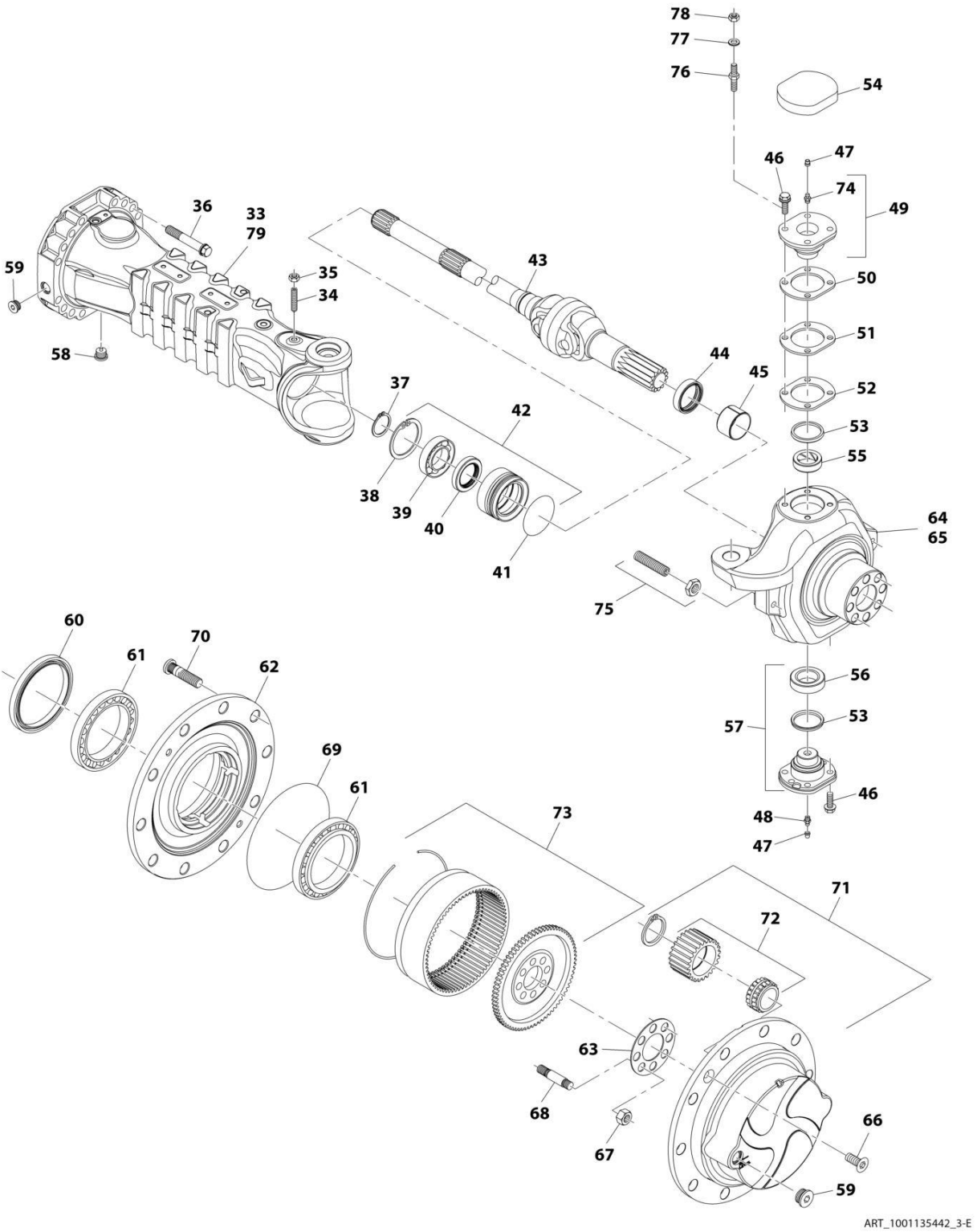


FIGURE 5-35. REAR AXLE, HUB REDUCTION (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	REAR AXLE, HUB REDUCTION	
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 (See Separate Breakdown in this Section)	
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	Hub, Wheel	
63	3983731	2	Locking Plate	
64	8007774	1	Steering Case Kit (RF, LR) (See Separate Breakdown in this Section)	
65	8007777	1	Steering Case Kit (LF, RR) (See Separate Breakdown in this Section)	
66	91514189	4	Bolt, Countersunk	
67	91474584	16	Nut	
68	91474583	16	Stud	
69	80204002	2	O-Ring	
70	8000877	20	Stud, Wheel	
71	7029431	2	Planet Gear Carrier Kit (See Separate Breakdown in this Section)	
72	70023900	8	Planet Gear Kit (See Separate Breakdown in this Section)	
73	7029432	2	Ring Gear Support Kit (See Separate Breakdown in this Section)	
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 5-36. REAR AXLE, BRAKES (NO FOAM FILL)

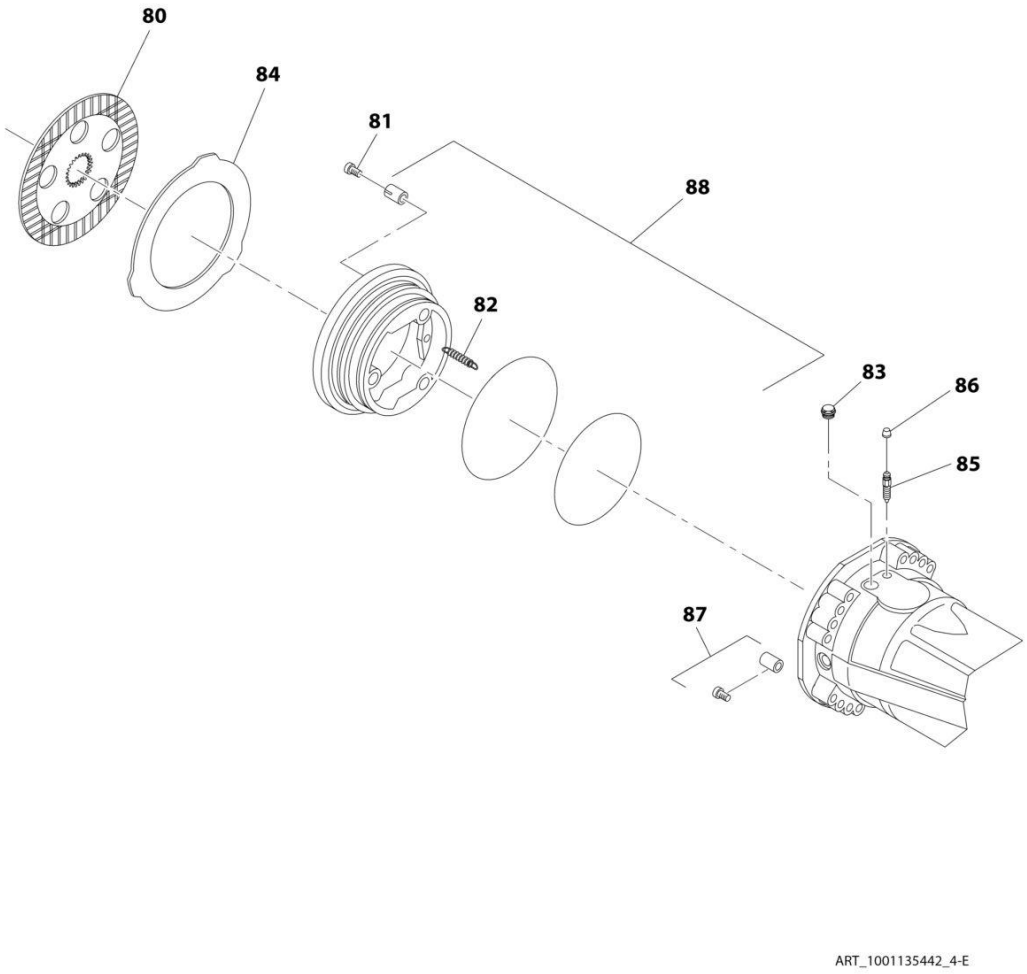


FIGURE 5-36. REAR AXLE, BRAKES (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	REAR AXLE, BRAKES	
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 (See Separate Breakdown in this Section)	

FIGURE 5-37. REAR AXLE, STEERING (NO FOAM FILL)

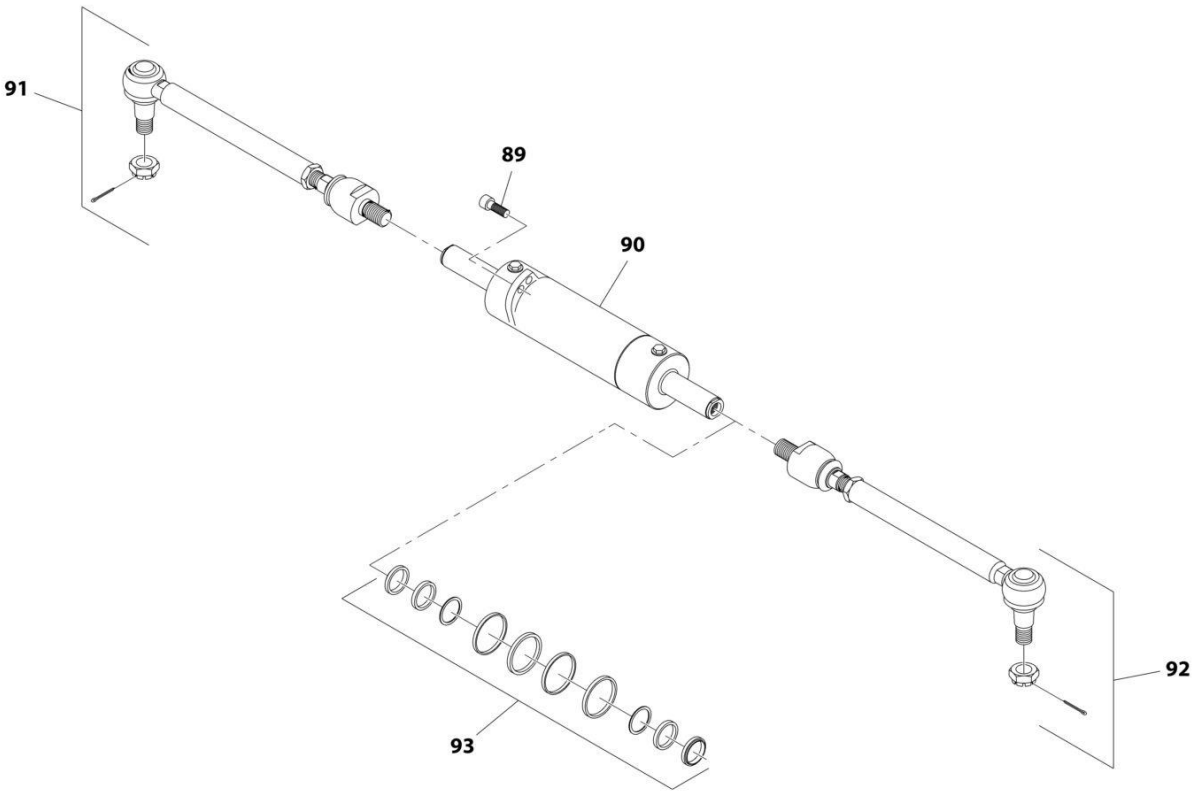


FIGURE 5-37. REAR AXLE, STEERING (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	REAR AXLE, STEERING	
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 5-38. REAR AXLE, TRUNION (NO FOAM FILL)

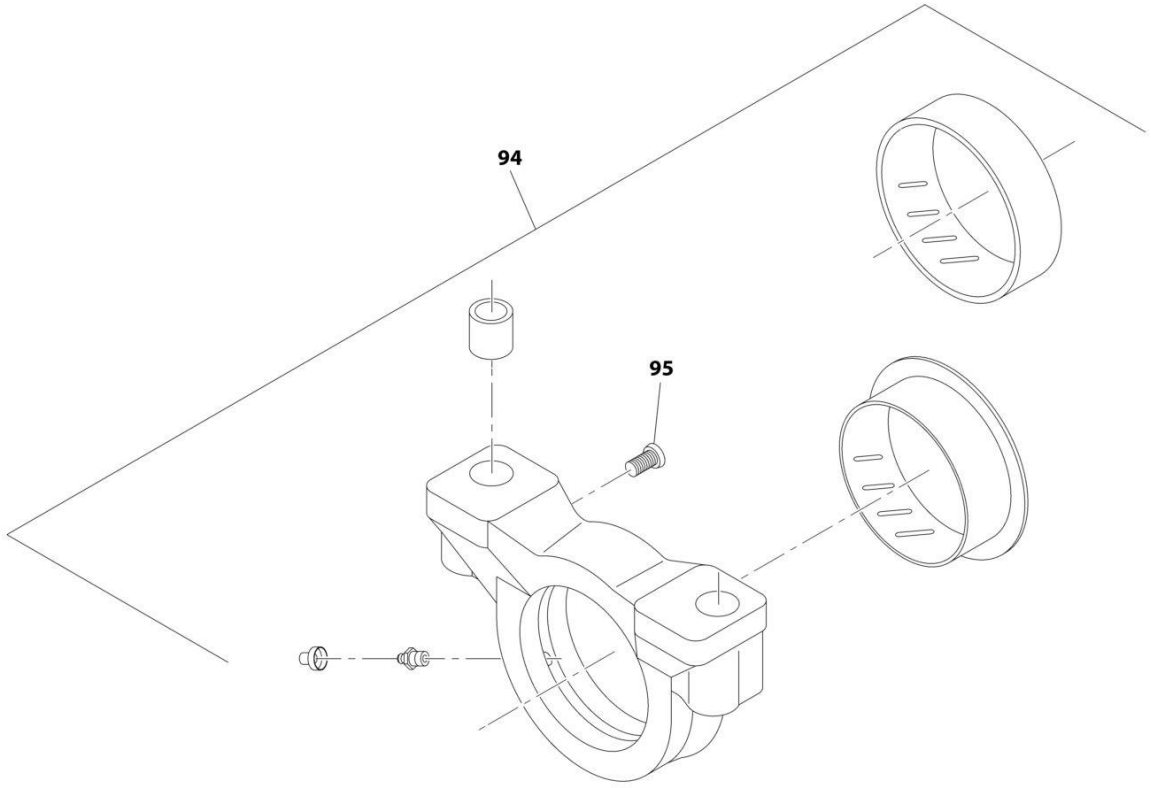


FIGURE 5-38. REAR AXLE, TRUNION (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	REAR AXLE, TRUNION	
94	70026630	2	Trunion Kit (See Separate Breakdown in this Section)	
95	70025884	2	Bolt	

FIGURE 5-39. REAR AXLE, TRUNION KIT (NO FOAM FILL)

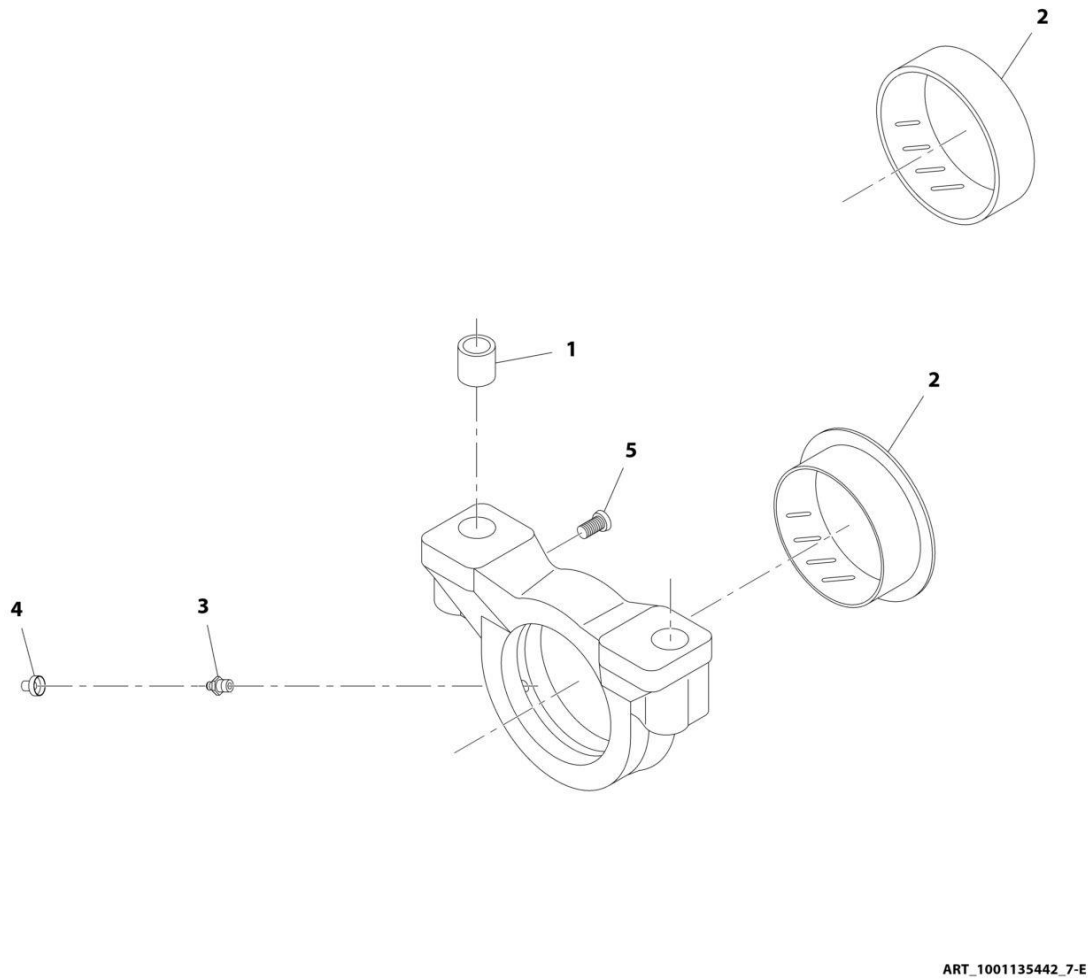


FIGURE 5-39. REAR AXLE, TRUNION KIT (NO FOAM FILL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135442	Ref	REAR AXLE, TRUNION KIT	
	70026630	Ref	Trunion Kit	
1	91474516	4	Bushing, Reduction	
2	91474515	2	Bushing, Thrust	
3	91514099	2	Fitting, Grease	
4	80204117	2	Plug	
5	70025884	2	Bolt	

FIGURE 5-40. PISTON KIT

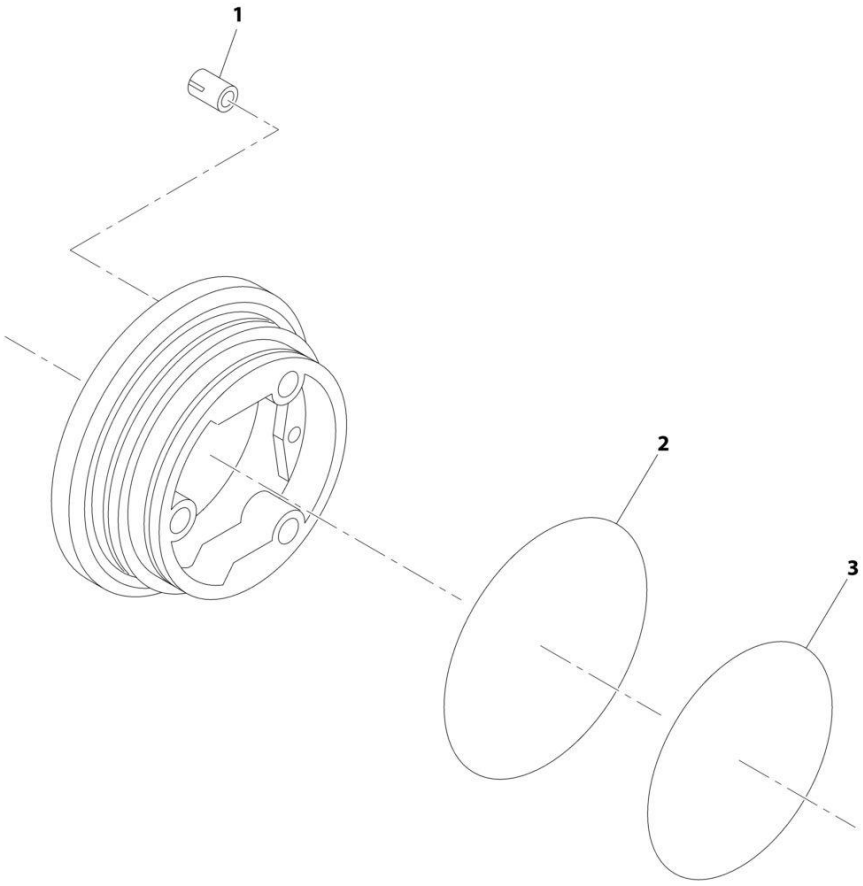


FIGURE 5-40. PISTON KIT

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 5-41. REAR AXLE (FOAM FILL) (4017RS)

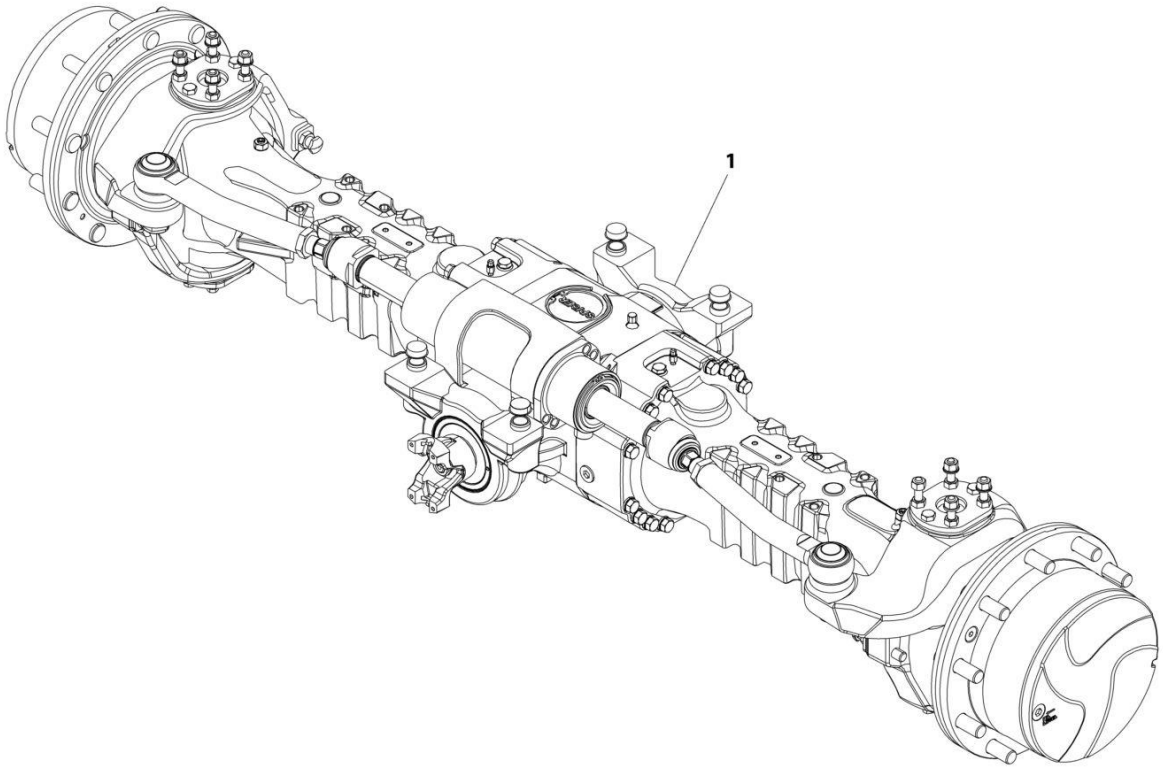


FIGURE 5-41. REAR AXLE (FOAM FILL) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001182622	Ref	Rear Axle (Foam Fill)	B
		Ref	Rear Axle, Central Housing (Foam Fill) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Differential (Foam Fill) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Hub Reduction (Foam Fill) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Brakes (Foam Fill) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Steering (Foam Fill) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Trunion (Foam Fill) (See Separate Breakdown in this Section)	

FIGURE 5-42. REAR AXLE, CENTRAL HOUSING (4017RS)

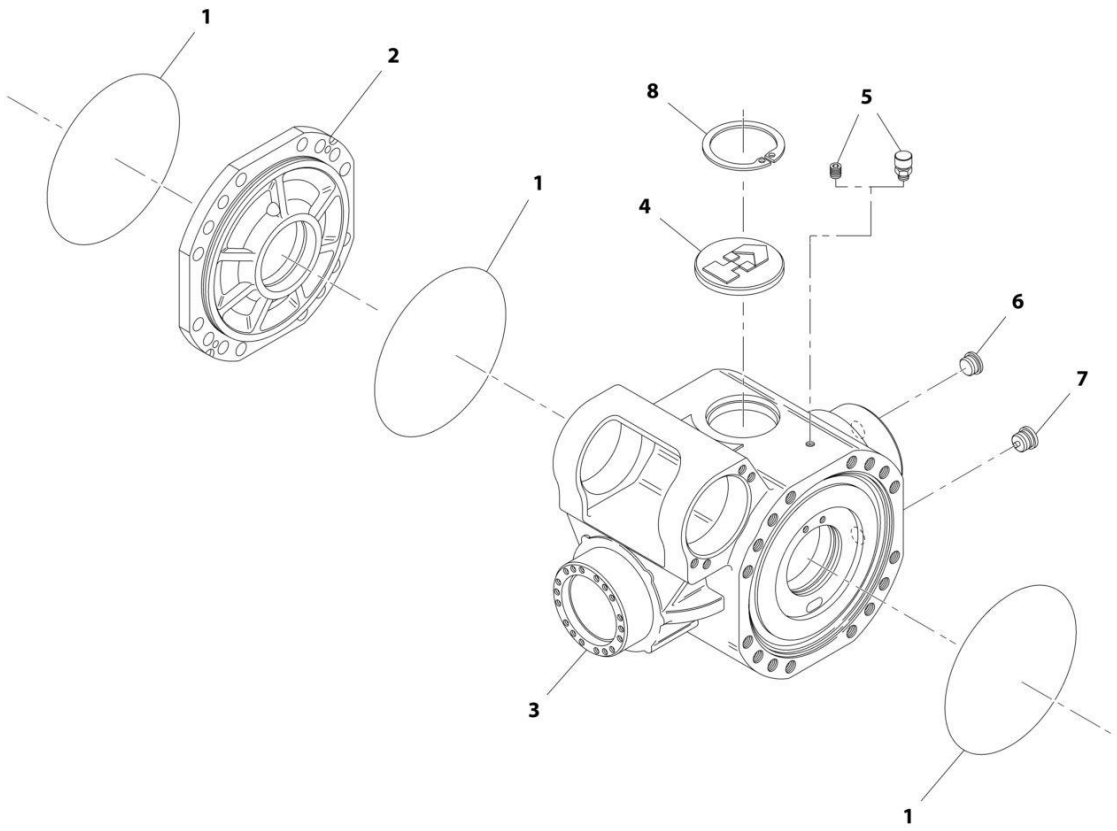


FIGURE 5-42. REAR AXLE, CENTRAL HOUSING (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182622	Ref	REAR AXLE, CENTRAL HOUSING	
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 5-43. REAR AXLE, DIFFERENTIAL (4017RS)

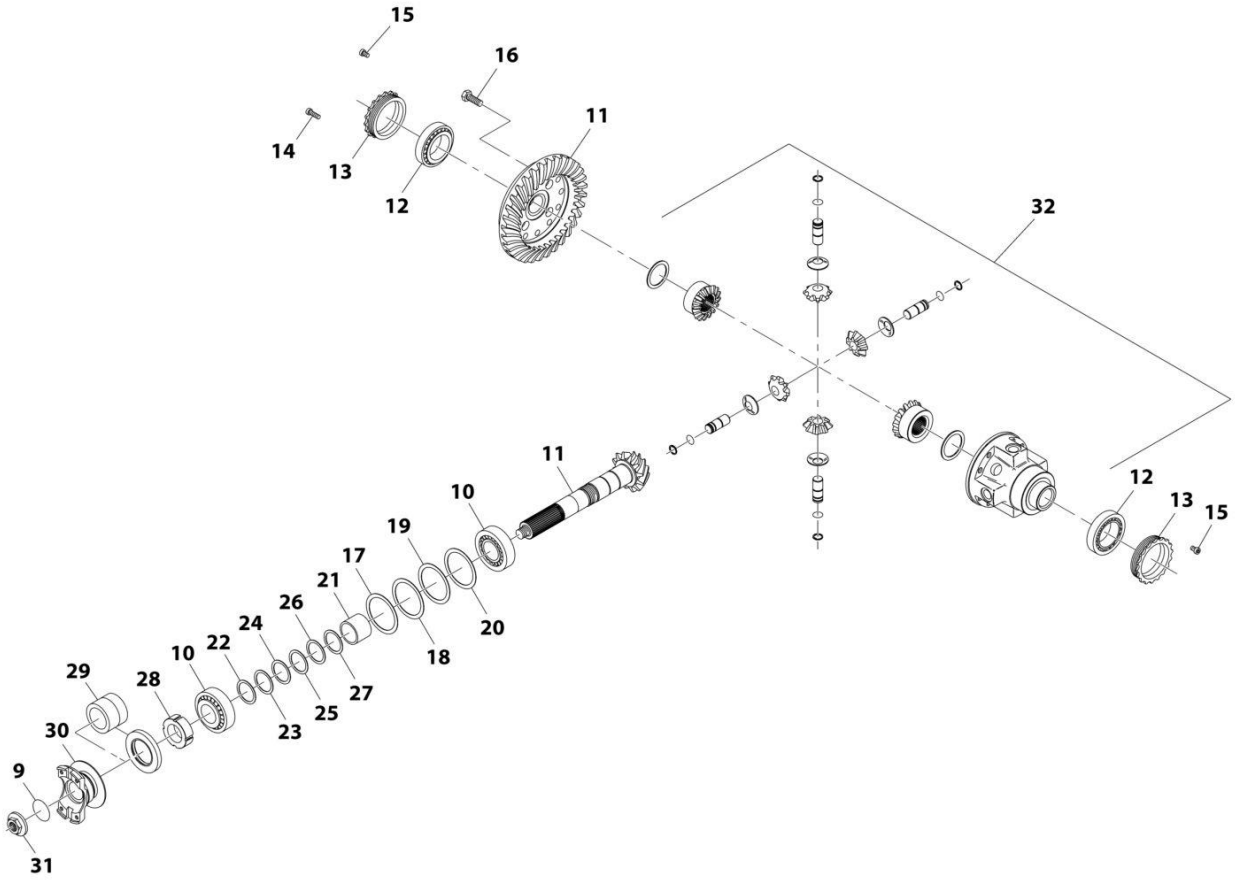


FIGURE 5-43. REAR AXLE, DIFFERENTIAL (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182622	Ref	REAR AXLE, DIFFERENTIAL	
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 5-44. REAR AXLE, HUB REDUCTION (4017RS)

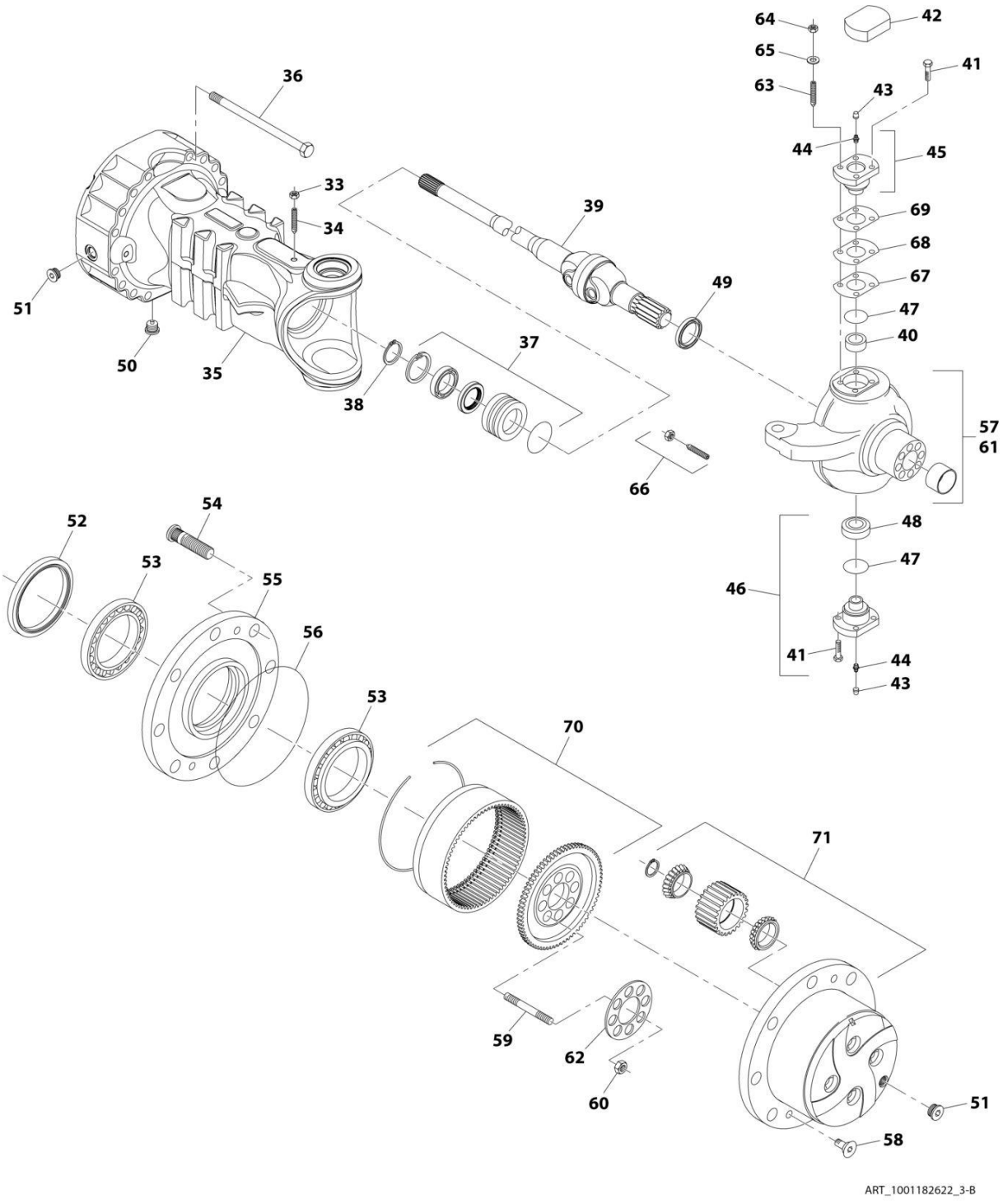


FIGURE 5-44. REAR AXLE, HUB REDUCTION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182622	Ref	REAR AXLE, HUB REDUCTION	
33	91514082	2	Nut	
34	91514081	2	Bolt	
35	70025557	2	Axle Case	
36	70022799	32	Bolt	
37	91514149	2	Reduction Bushing (See Separate Breakdown in this Section)	
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 5-45. REAR AXLE, BRAKES (4017RS)

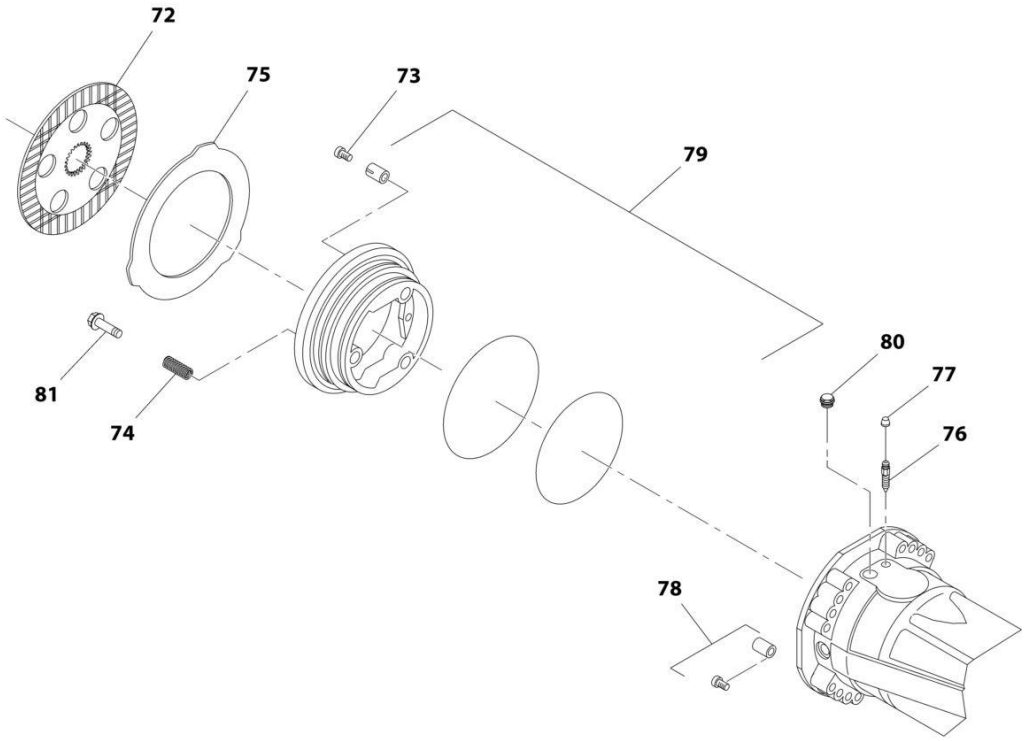


FIGURE 5-45. REAR AXLE, BRAKES (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182622	Ref	REAR AXLE, BRAKES	
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 (See Separate Breakdown in this Section)	
80	91514154	2	Plug	
81	70024210	6	Adjusting Bolt	

FIGURE 5-46. REAR AXLE, STEERING (4017RS)

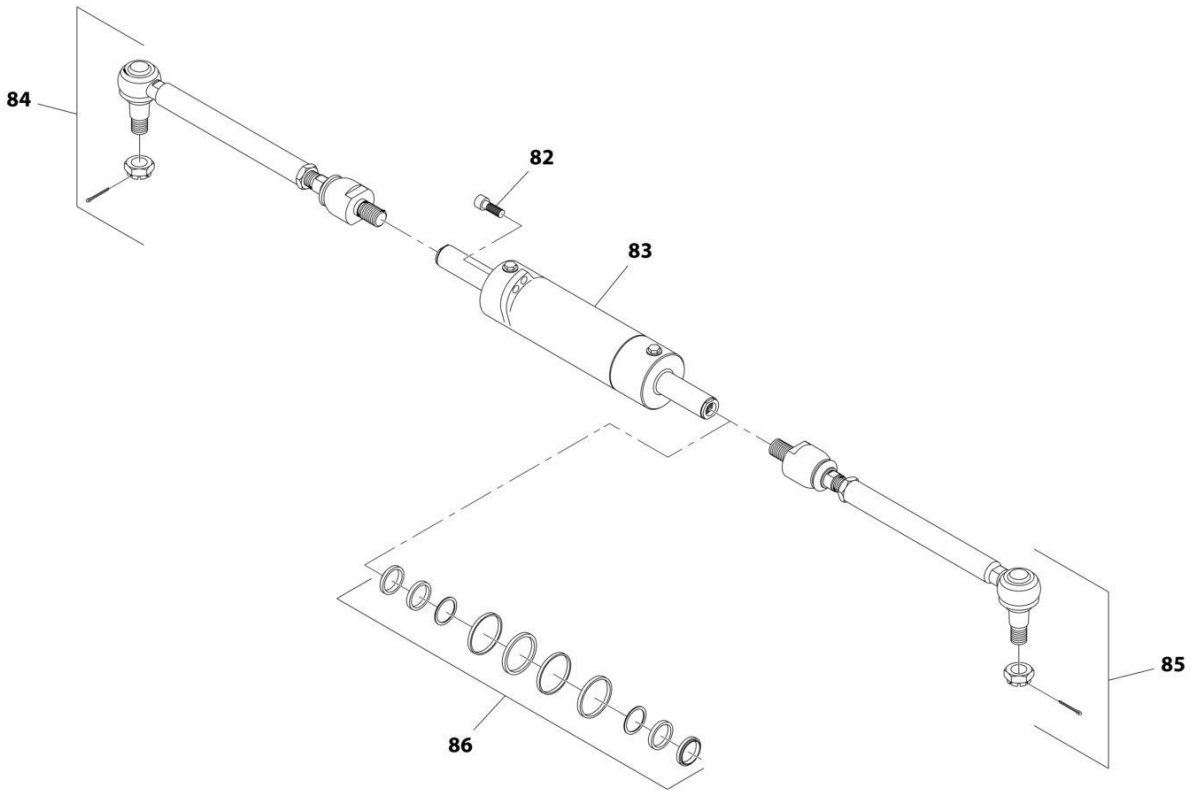


FIGURE 5-46. REAR AXLE, STEERING (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182622	Ref	REAR AXLE, STEERING	
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 5-47. REAR AXLE, TRUNION (4017RS)

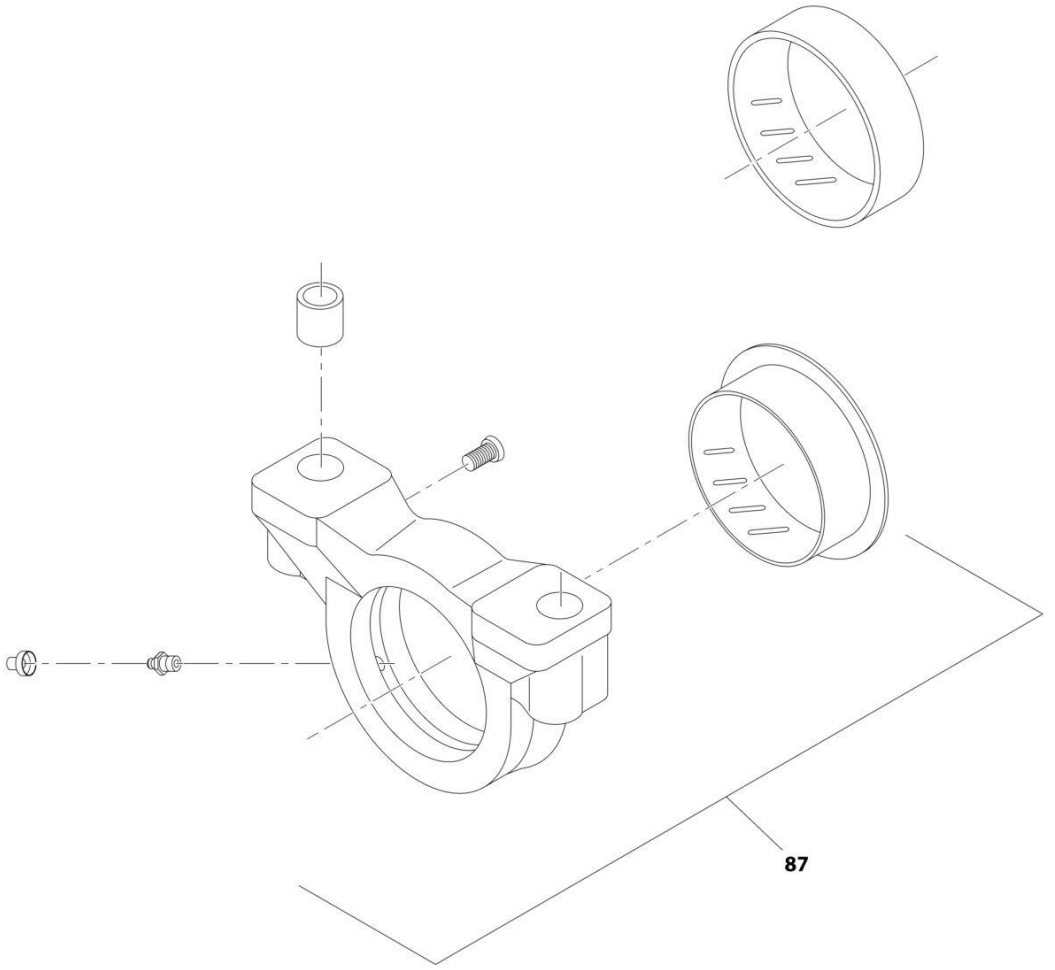


FIGURE 5-47. REAR AXLE, TRUNION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182622	Ref	REAR AXLE, TRUNION	
87	70026630	2	Trunion Kit (See Separate Breakdown in this Section)	

FIGURE 5-48. DIFFERENTIAL KIT

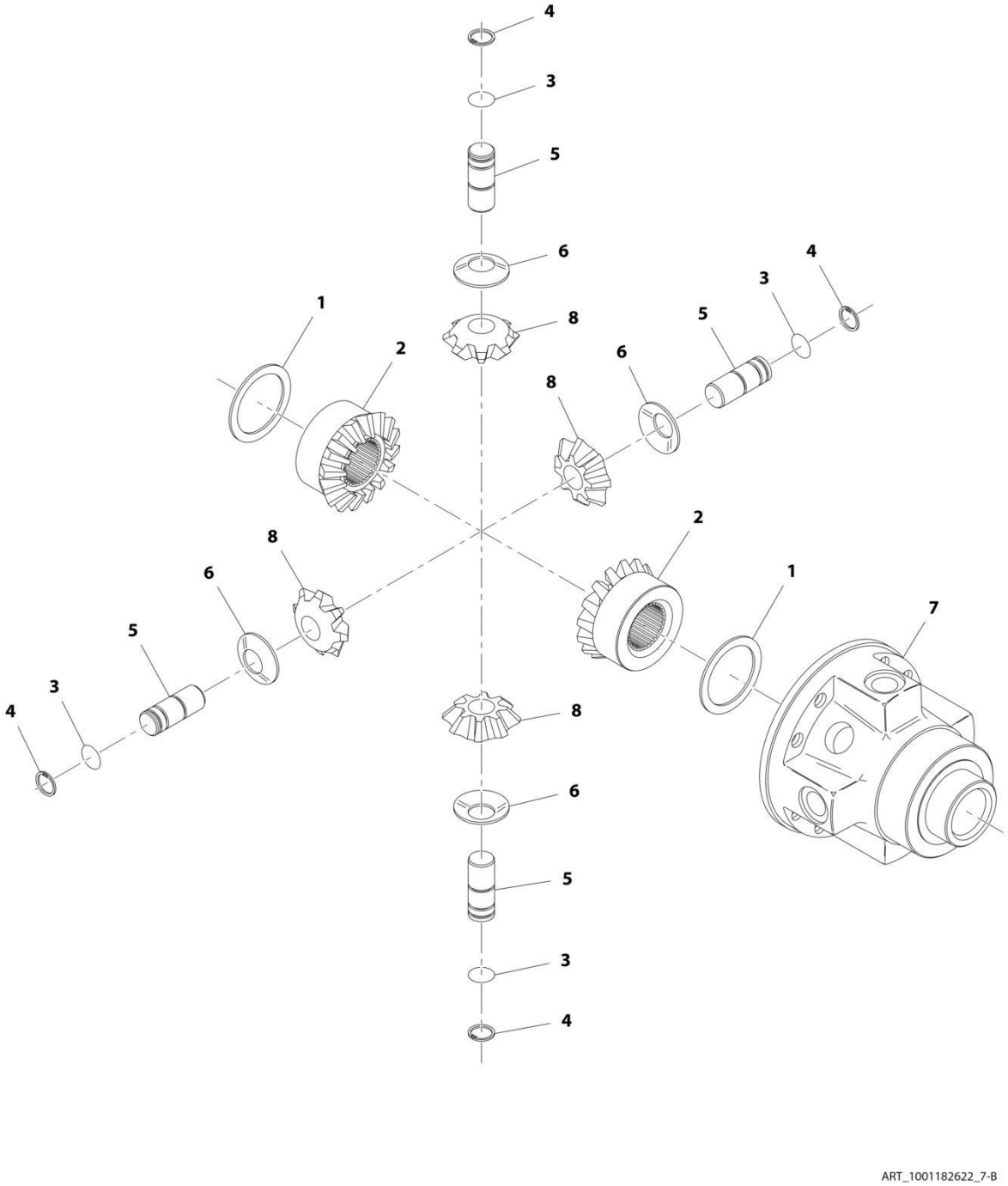
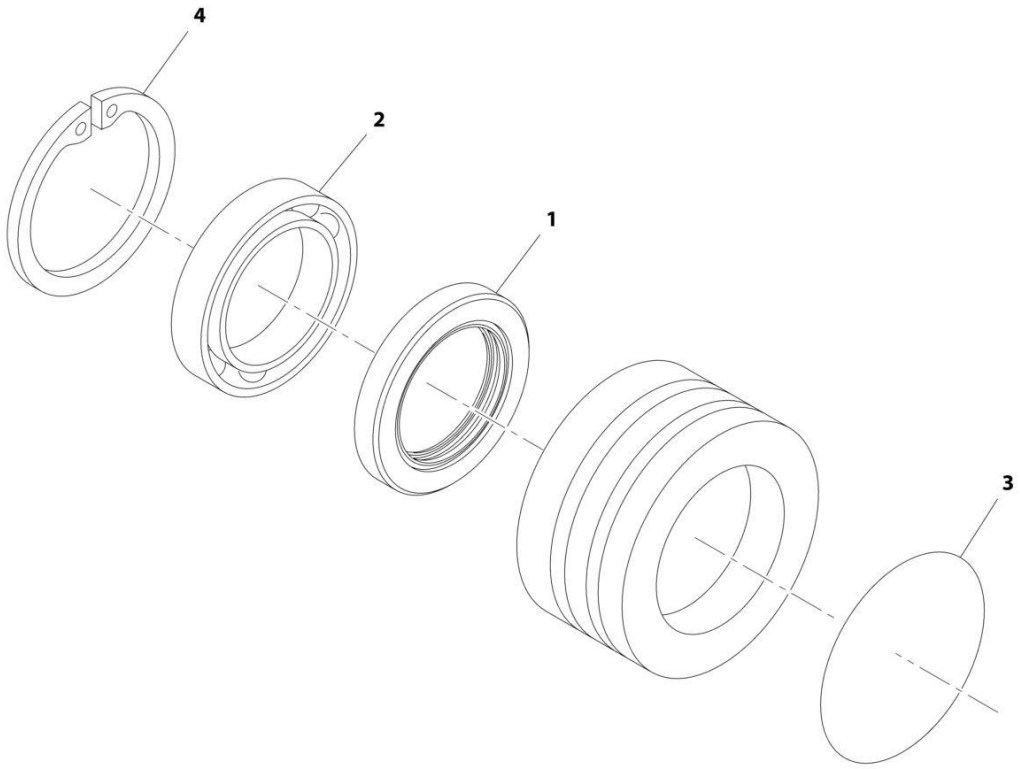


FIGURE 5-48. DIFFERENTIAL KIT

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 5-49. REDUCTION BUSHING



ART_1001182622_8-B

FIGURE 5-49. REDUCTION BUSHING

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 5-50. STEERING CASE KIT LH

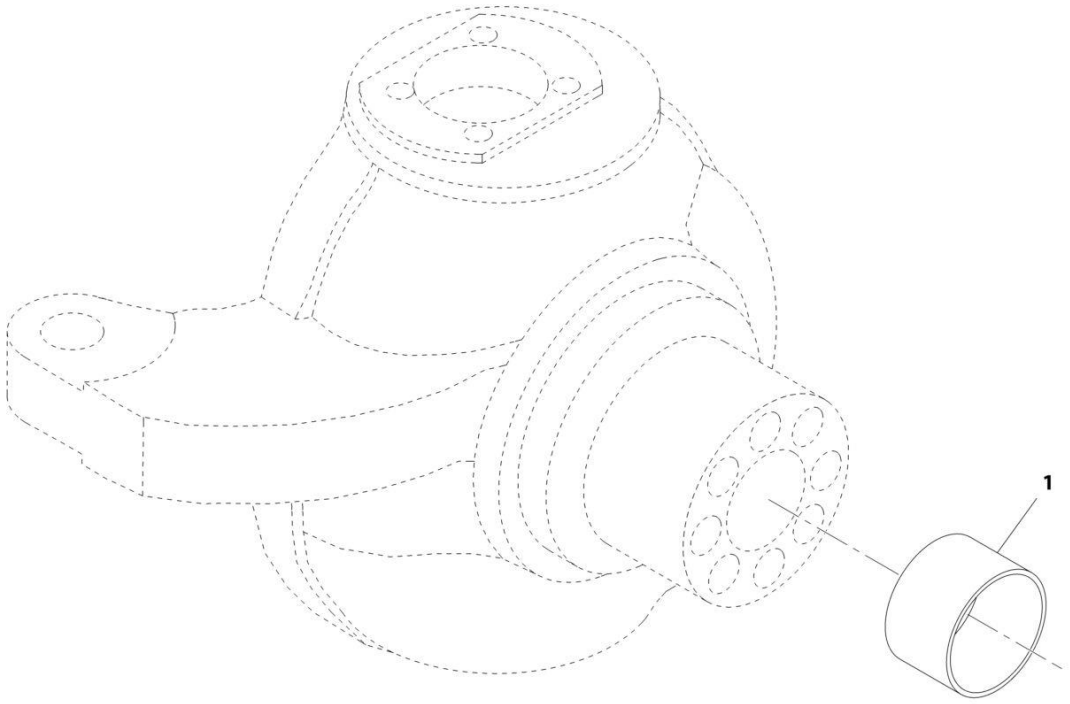


FIGURE 5-50. STEERING CASE KIT LH

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

FIGURE 5-51. STEERING CASE KIT RH

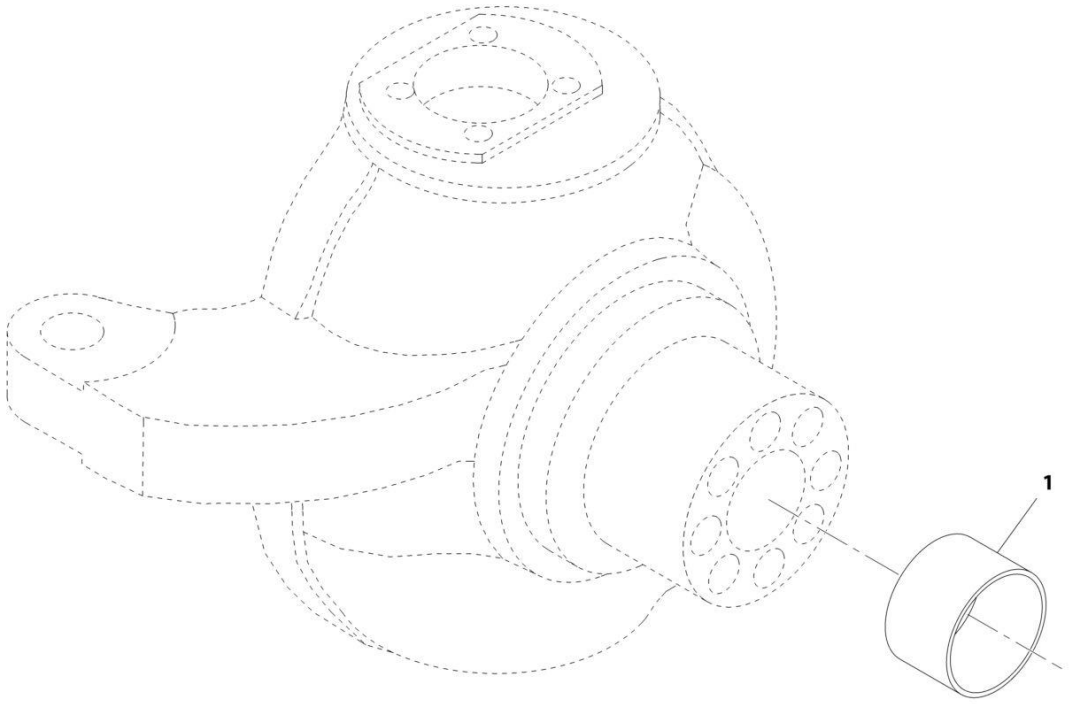
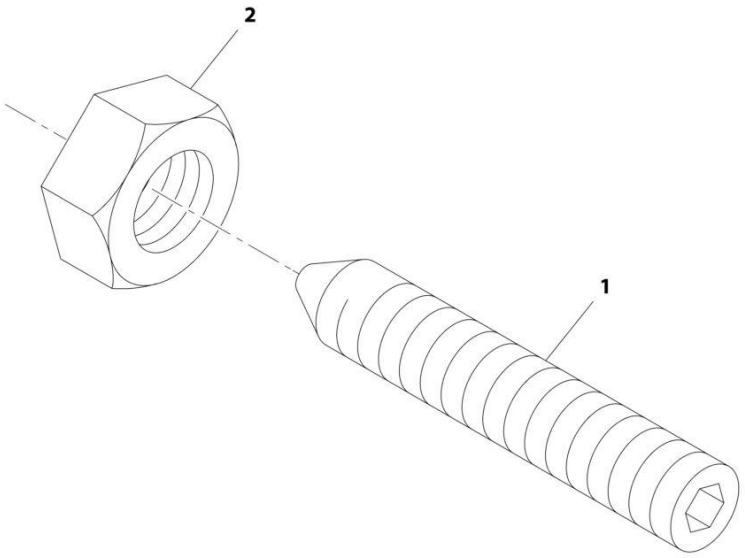


FIGURE 5-51. STEERING CASE KIT RH

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

FIGURE 5-52. STEERING ADJUST BOLT KIT

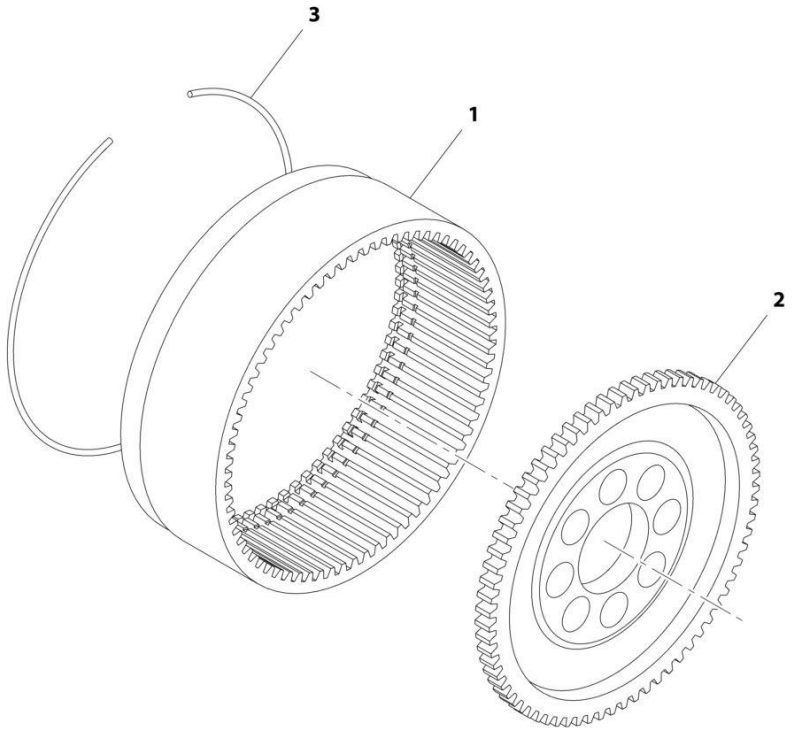


ART_1001182622_11-B

FIGURE 5-52. STEERING ADJUST BOLT KIT

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

FIGURE 5-53. RING GEAR SUPPORT KIT



ART_1001182622_12-B

FIGURE 5-53. RING GEAR SUPPORT KIT

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 5-54. PLANET GEAR CARRIER KIT

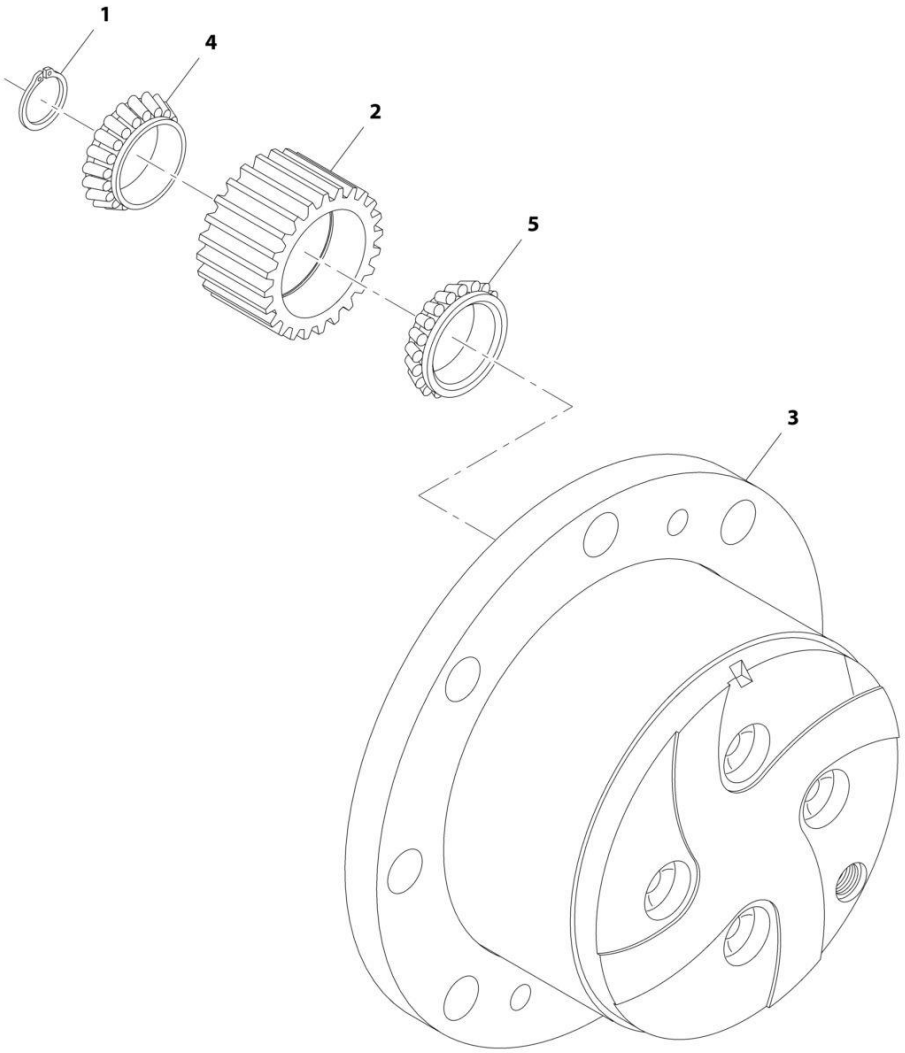
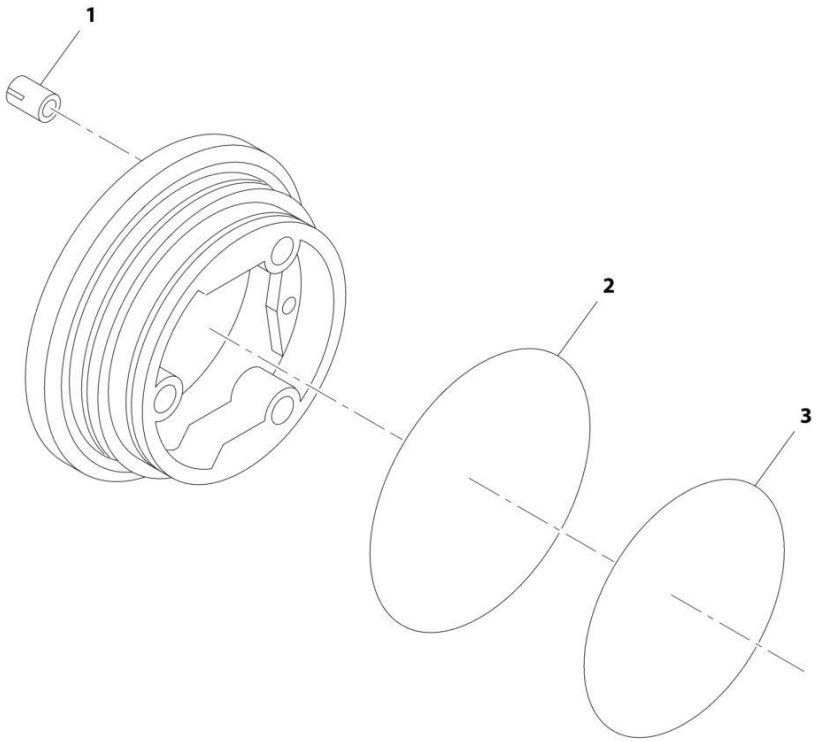


FIGURE 5-54. PLANET GEAR CARRIER KIT

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 5-55. PISTON



ART_1001182622_14-B

FIGURE 5-55. PISTON

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

FIGURE 5-56. TRUNION KIT

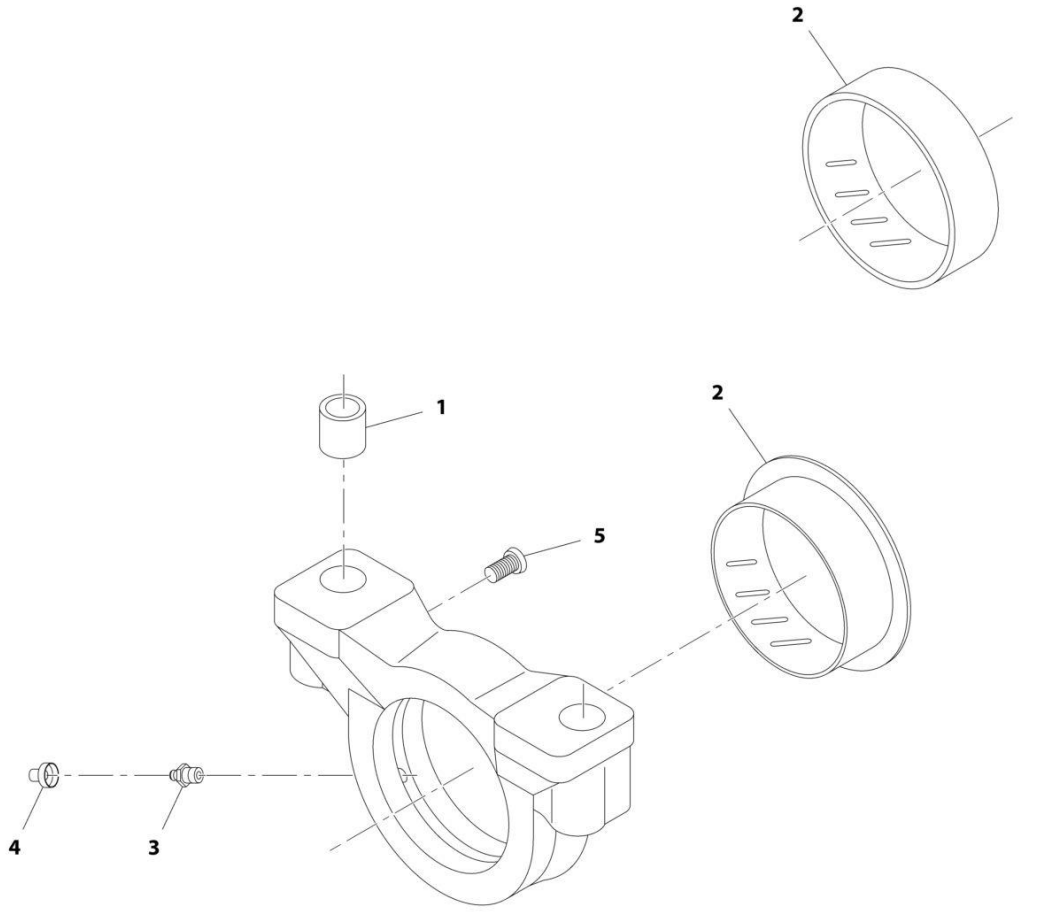
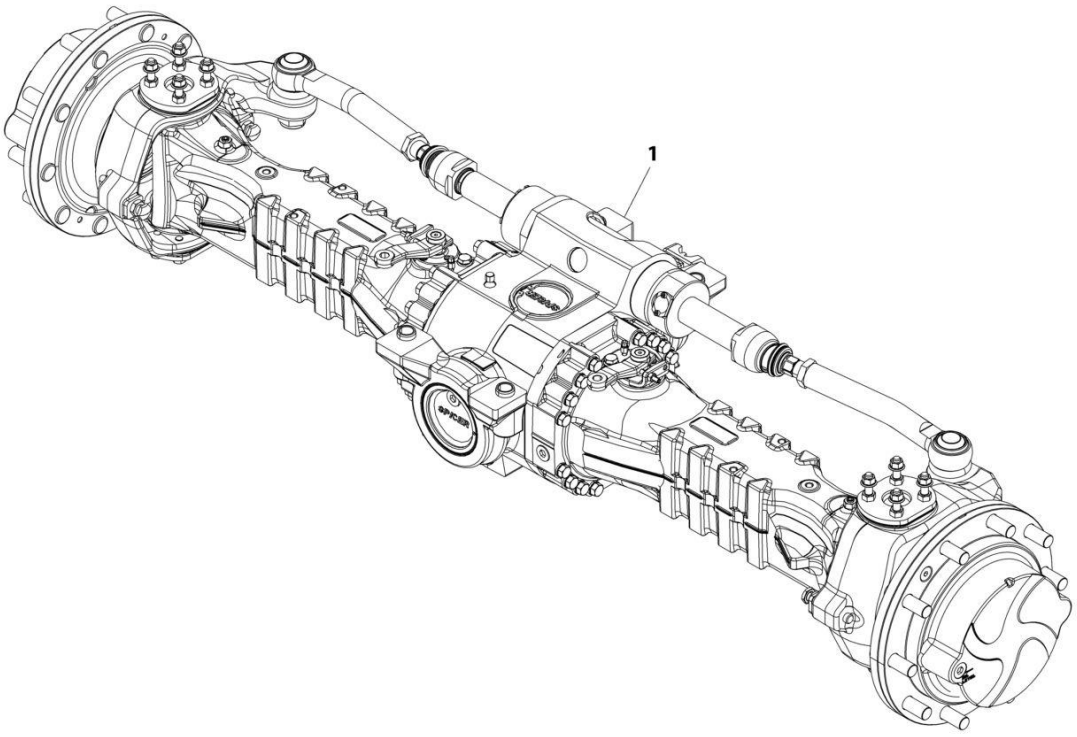


FIGURE 5-56. TRUNION KIT

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 5-57. FRONT AXLE (3614RS)



ART_1001191919-D

FIGURE 5-57. FRONT AXLE (3614RS)

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 5-58. FRONT AXLE, CENTRAL HOUSING (3614RS)

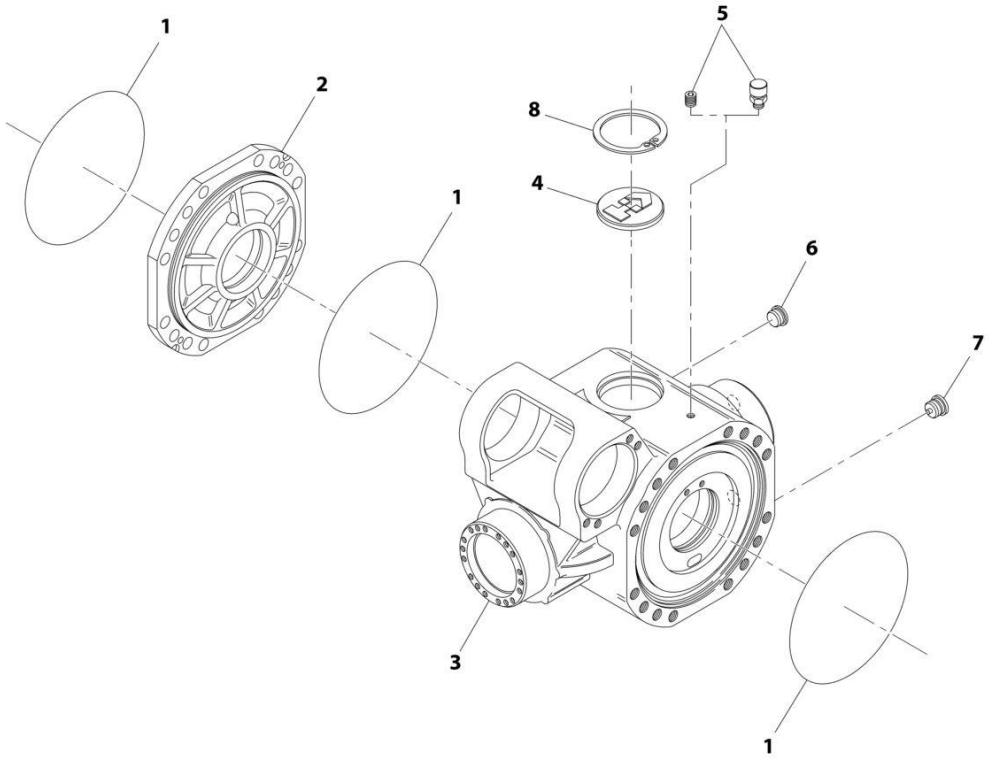


FIGURE 5-58. FRONT AXLE, CENTRAL HOUSING (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191919	Ref	FRONT AXLE, CENTRAL HOUSING	
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 5-59. FRONT AXLE, DIFFERENTIAL (3614RS)

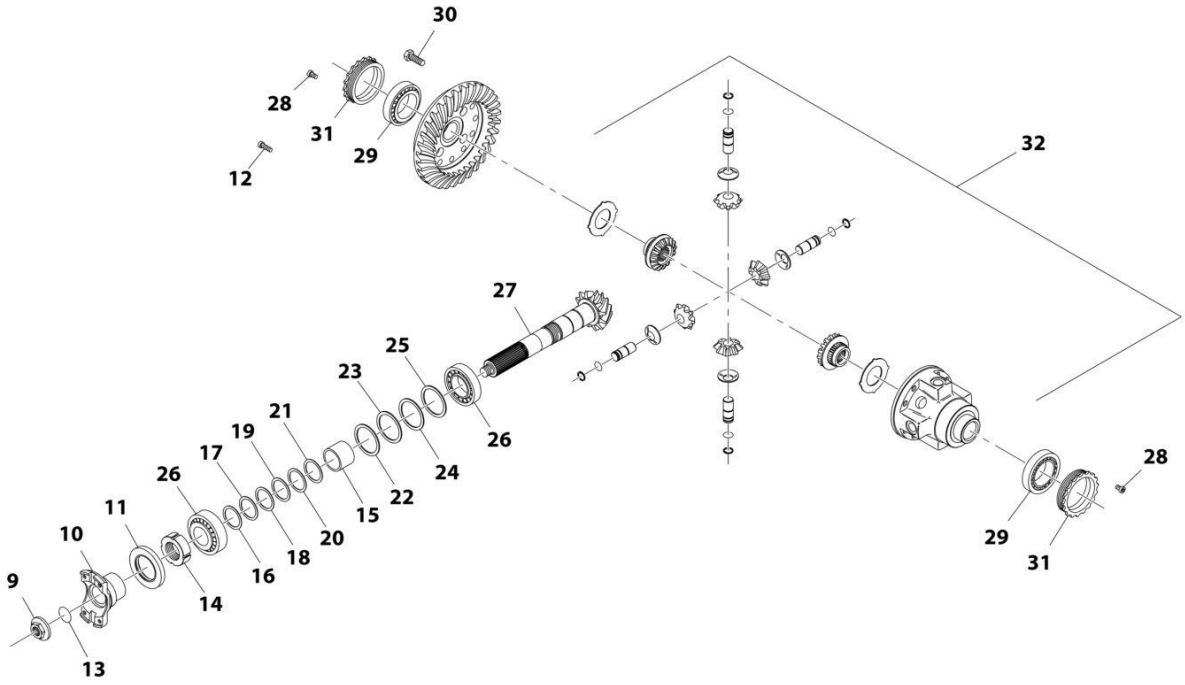


FIGURE 5-59. FRONT AXLE, DIFFERENTIAL (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191919	Ref	FRONT AXLE, DIFFERENTIAL	
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 5-60. FRONT AXLE, HUB REDUCTION (3614RS)

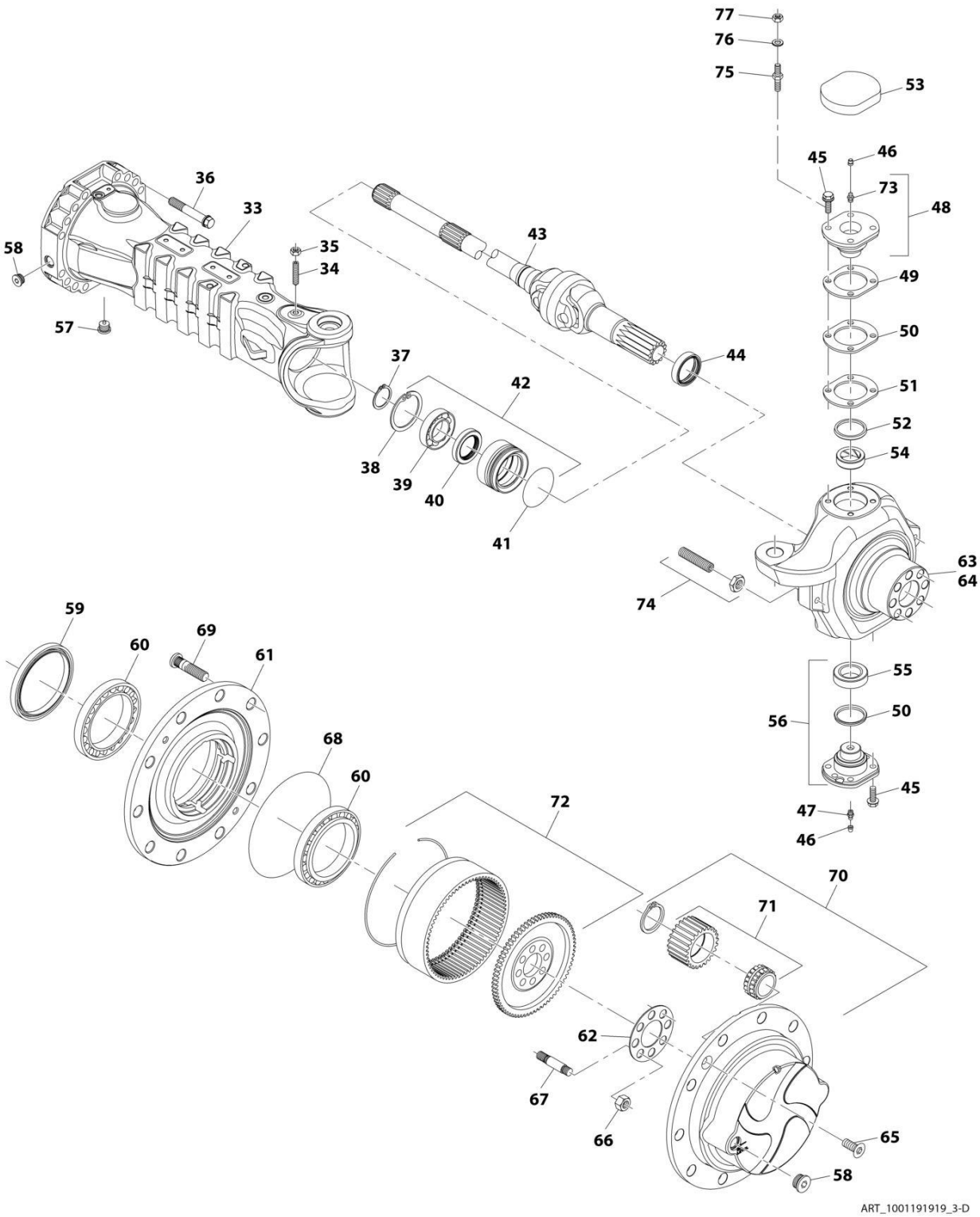


FIGURE 5-60. FRONT AXLE, HUB REDUCTION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191919	Ref	FRONT AXLE, HUB REDUCTION	
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 (RF, LR) (See Separate Breakdown in this Section)	
64	8007777	1	Steering Case Kit (LF, RR) (See Separate Breakdown in this Section)	
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 (See Separate Breakdown in this Section)	
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	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
77	91514120	8	Nut	

FIGURE 5-61. FRONT AXLE, BRAKES (3614RS)

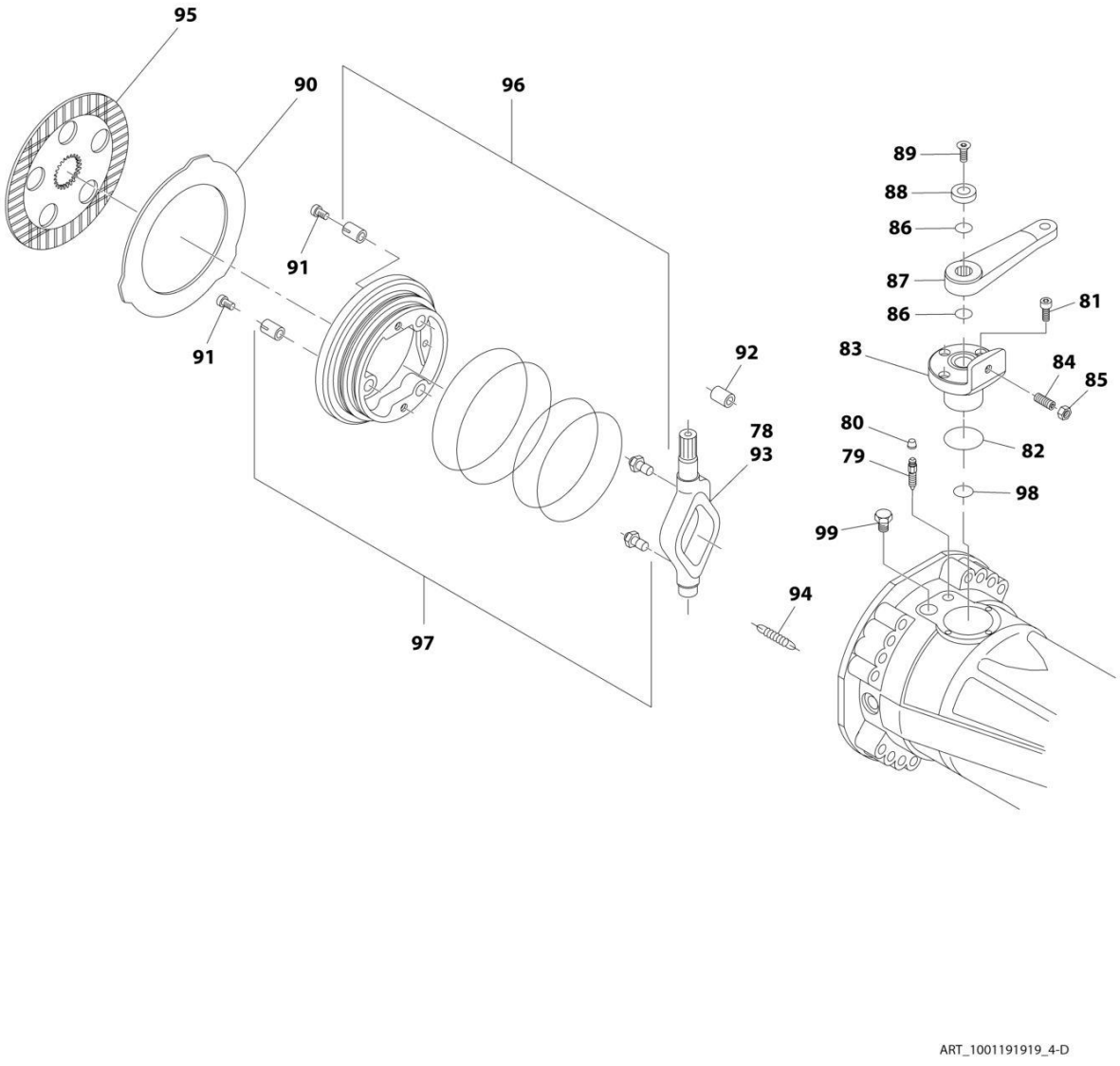


FIGURE 5-61. FRONT AXLE, BRAKES (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191919	Ref	FRONT AXLE, BRAKES	
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 5-62. FRONT AXLE, STEERING (3614RS)

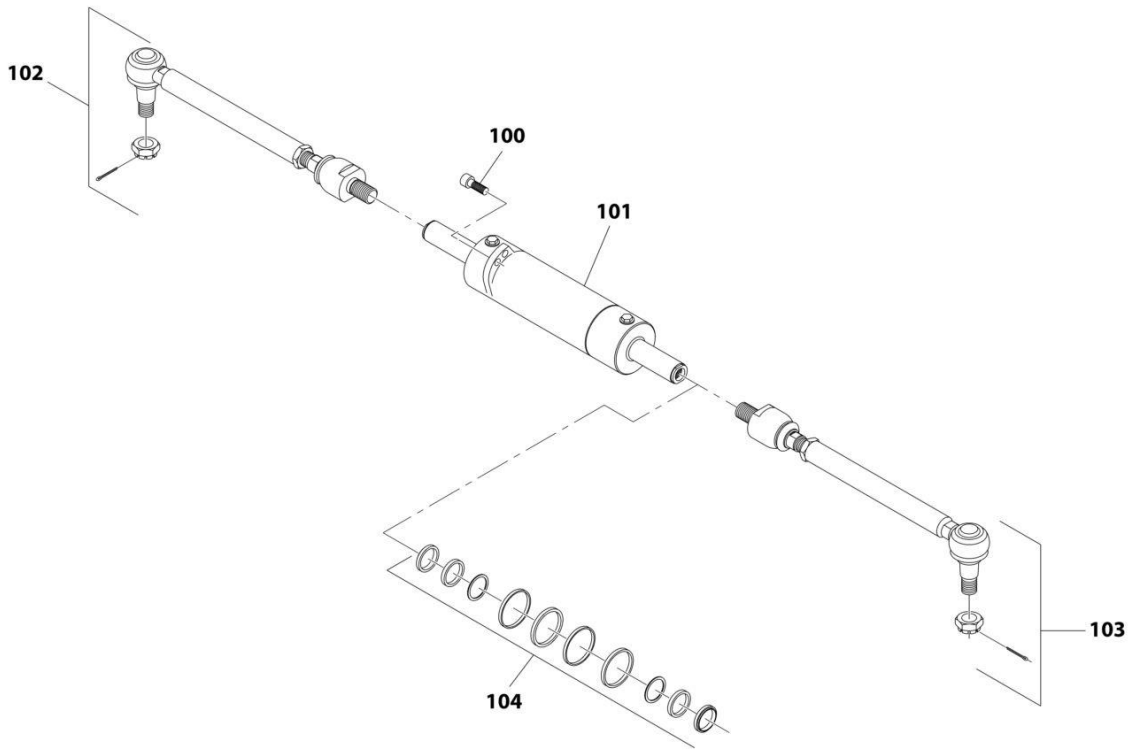


FIGURE 5-62. FRONT AXLE, STEERING (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191919	Ref	FRONT AXLE, STEERING	
100	91474522	4	Bolt	
101	70025566	1	Cylinder	
102	70026752	1	Bar	
103	70026751	1	Bar	
104	70025842	1	Seal Kit	

FIGURE 5-63. FRONT AXLE, TRUNION (3614RS)

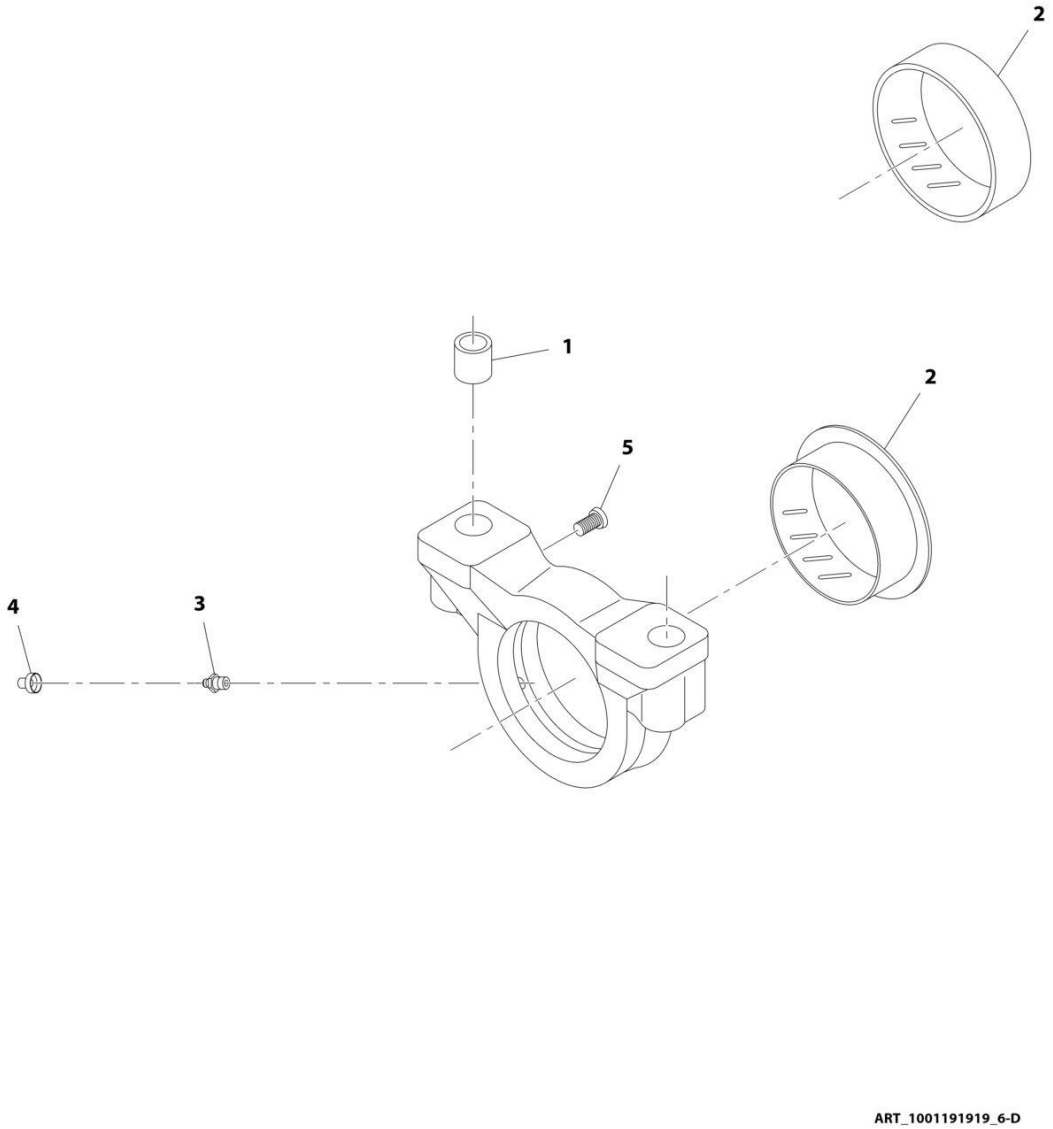


FIGURE 5-63. FRONT AXLE, TRUNION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191919	Ref	FRONT AXLE, TRUNION	
	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 5-64. DIFFERENTIAL KIT

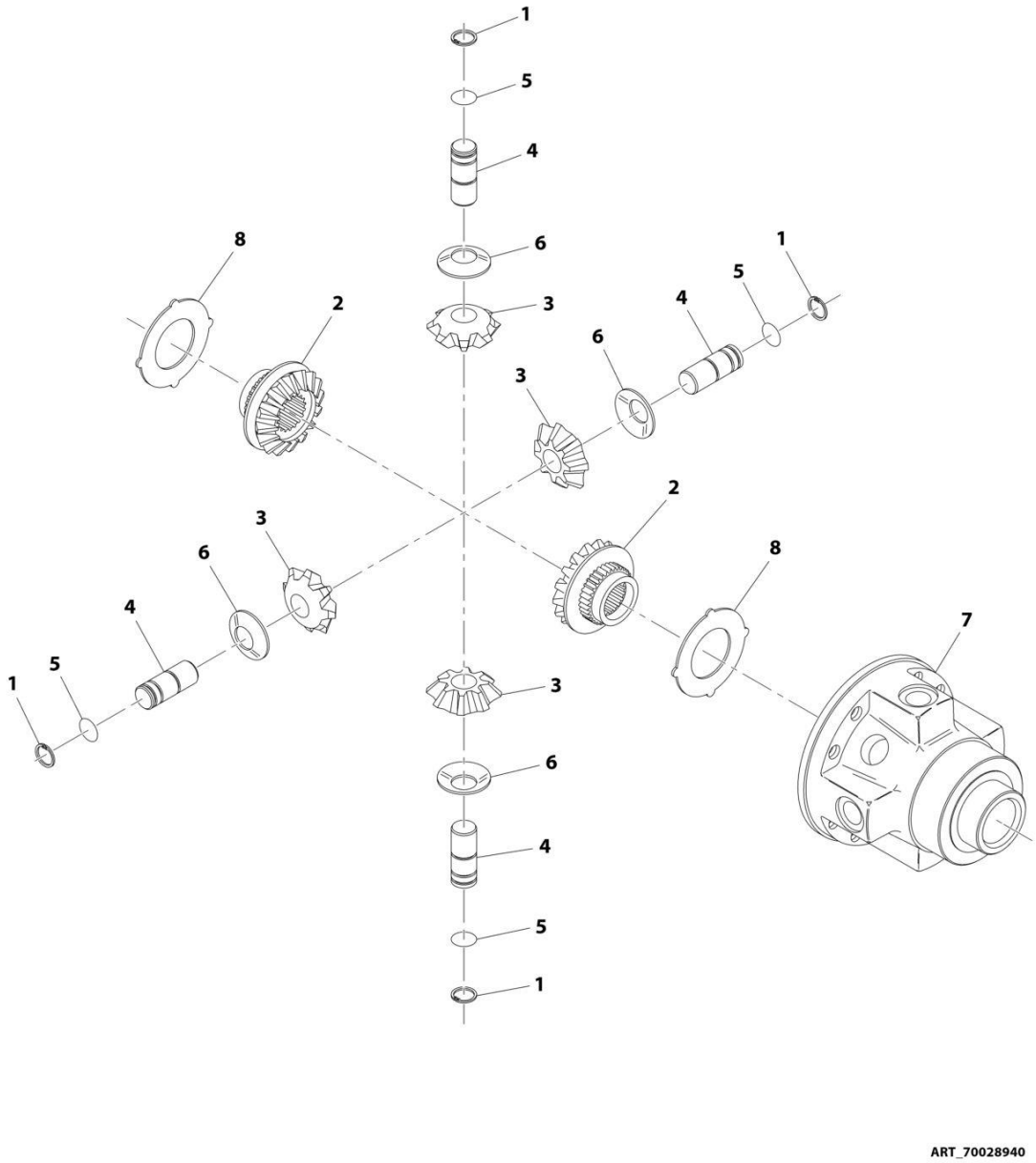


FIGURE 5-64. DIFFERENTIAL KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70028940	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 5-65. BRAKES PISTON KIT (LH)

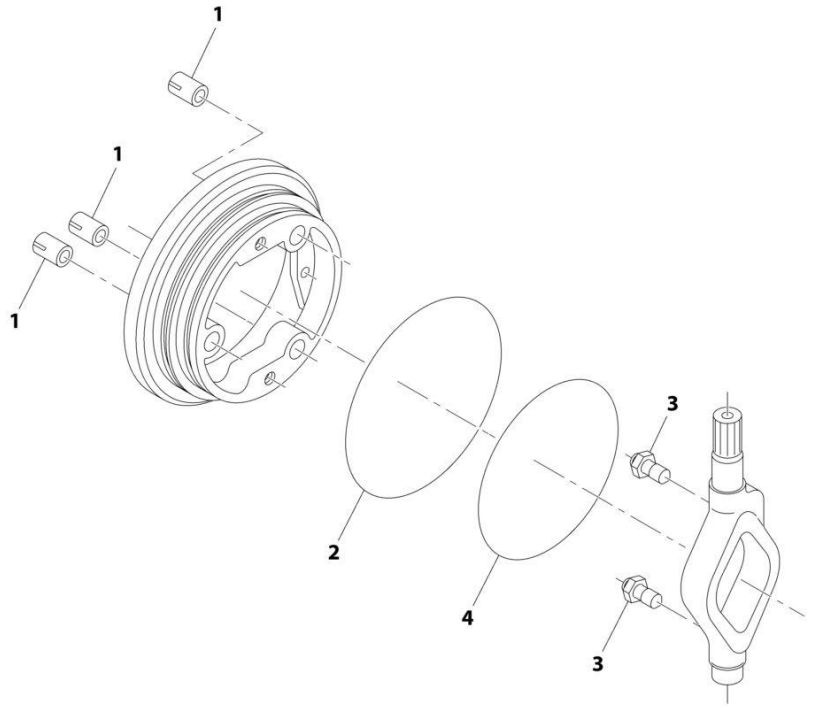
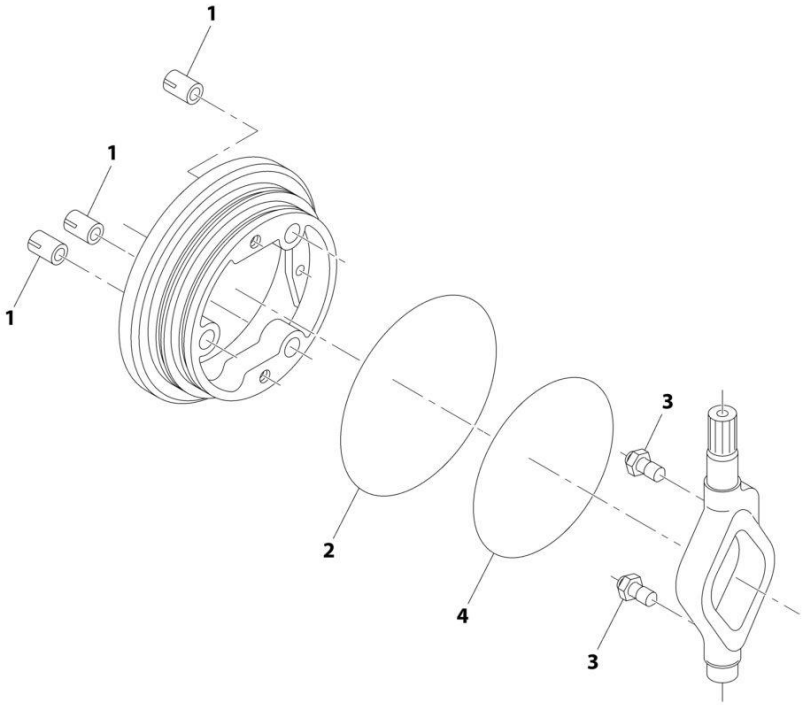


FIGURE 5-65. BRAKES PISTON KIT (LH)

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 5-66. BRAKES PISTON KIT (RH)

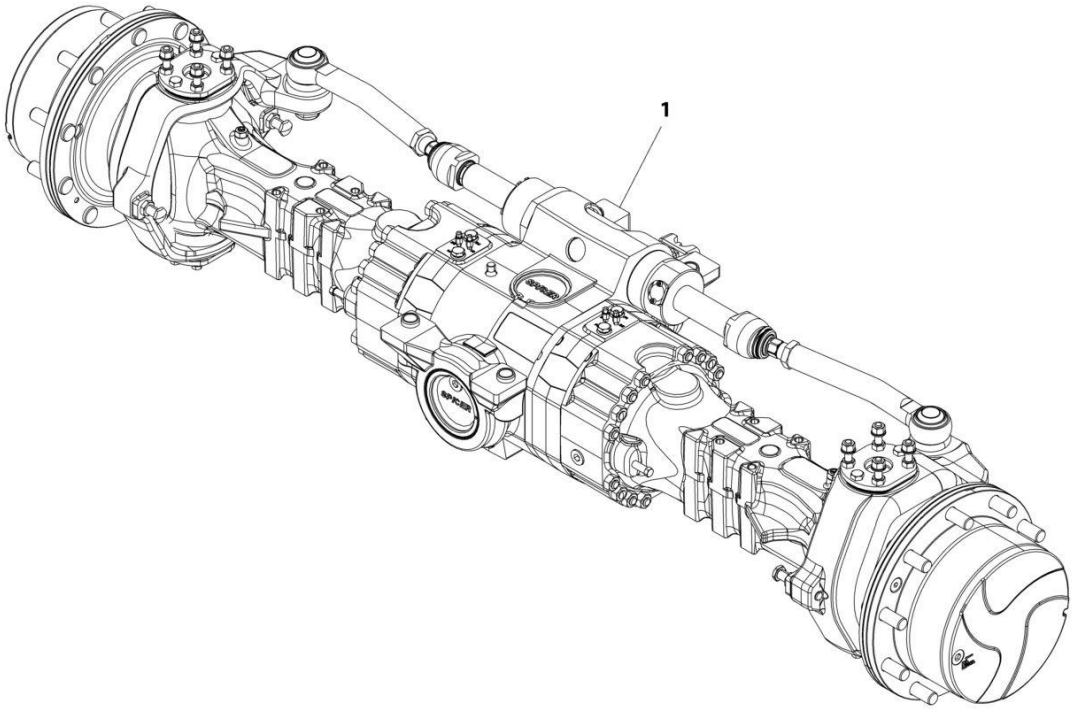


ART_70026068

FIGURE 5-66. 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 5-67. FRONT AXLE (55KW) (4017RS)



ART_1001191930-C

FIGURE 5-67. FRONT AXLE (55KW) (4017RS)

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 5-68. FRONT AXLE, CENTRAL HOUSING (4017RS)

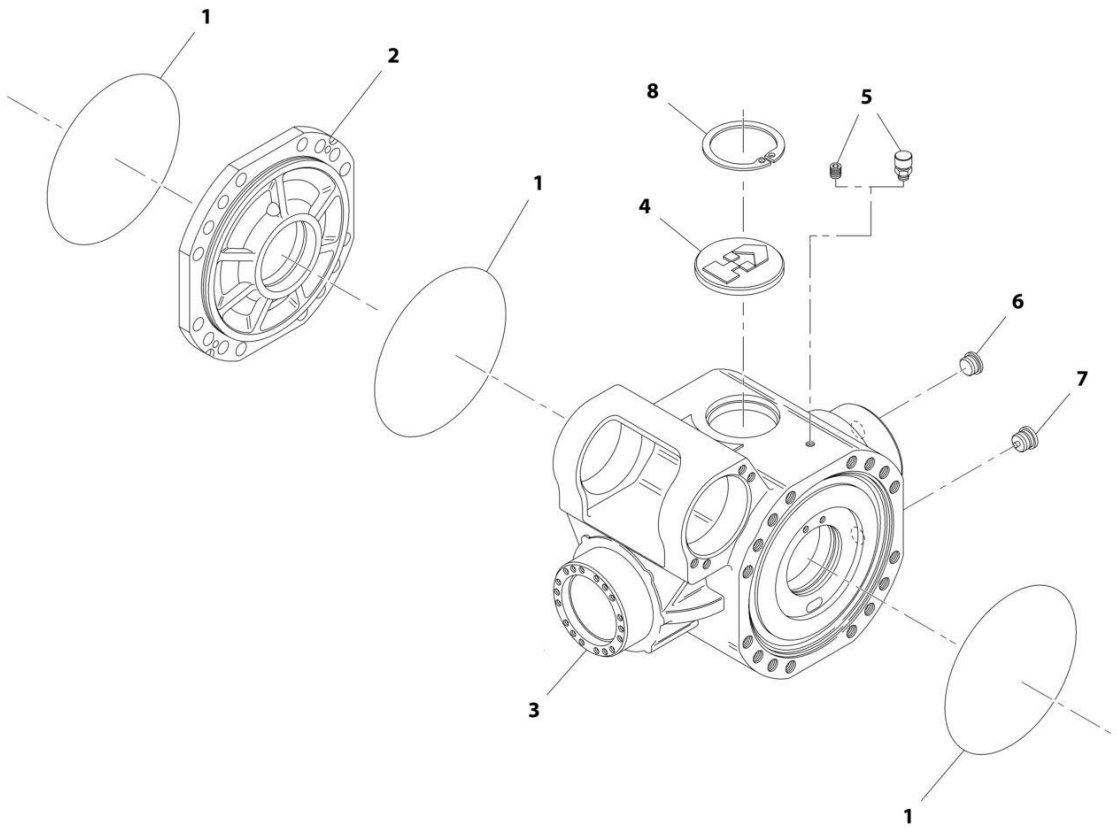


FIGURE 5-68. FRONT AXLE, CENTRAL HOUSING (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191930	Ref	FRONT AXLE, CENTRAL HOUSING	
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 5-69. FRONT AXLE, DIFFERENTIAL (4017RS)

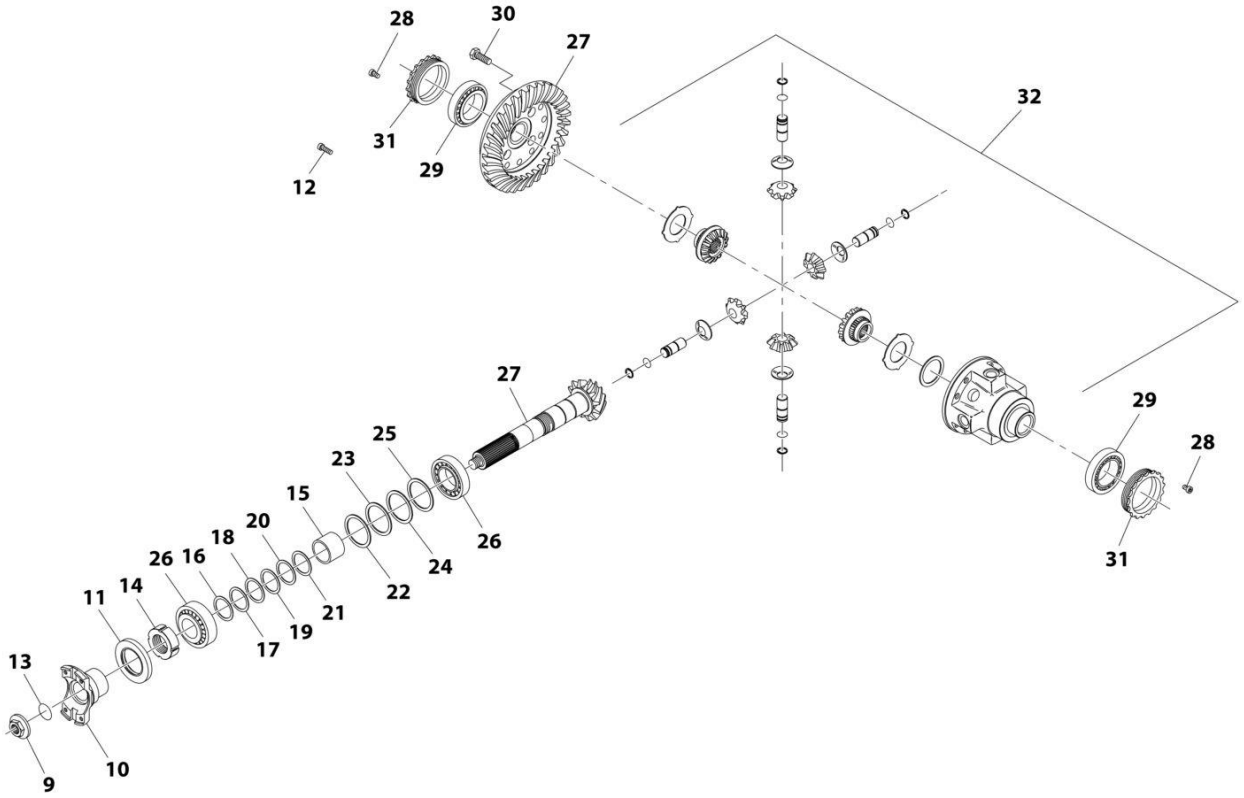


FIGURE 5-69. FRONT AXLE, DIFFERENTIAL (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191930	Ref	FRONT AXLE, DIFFERENTIAL	
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 5-70. FRONT AXLE, HUB REDUCTION (4017RS)

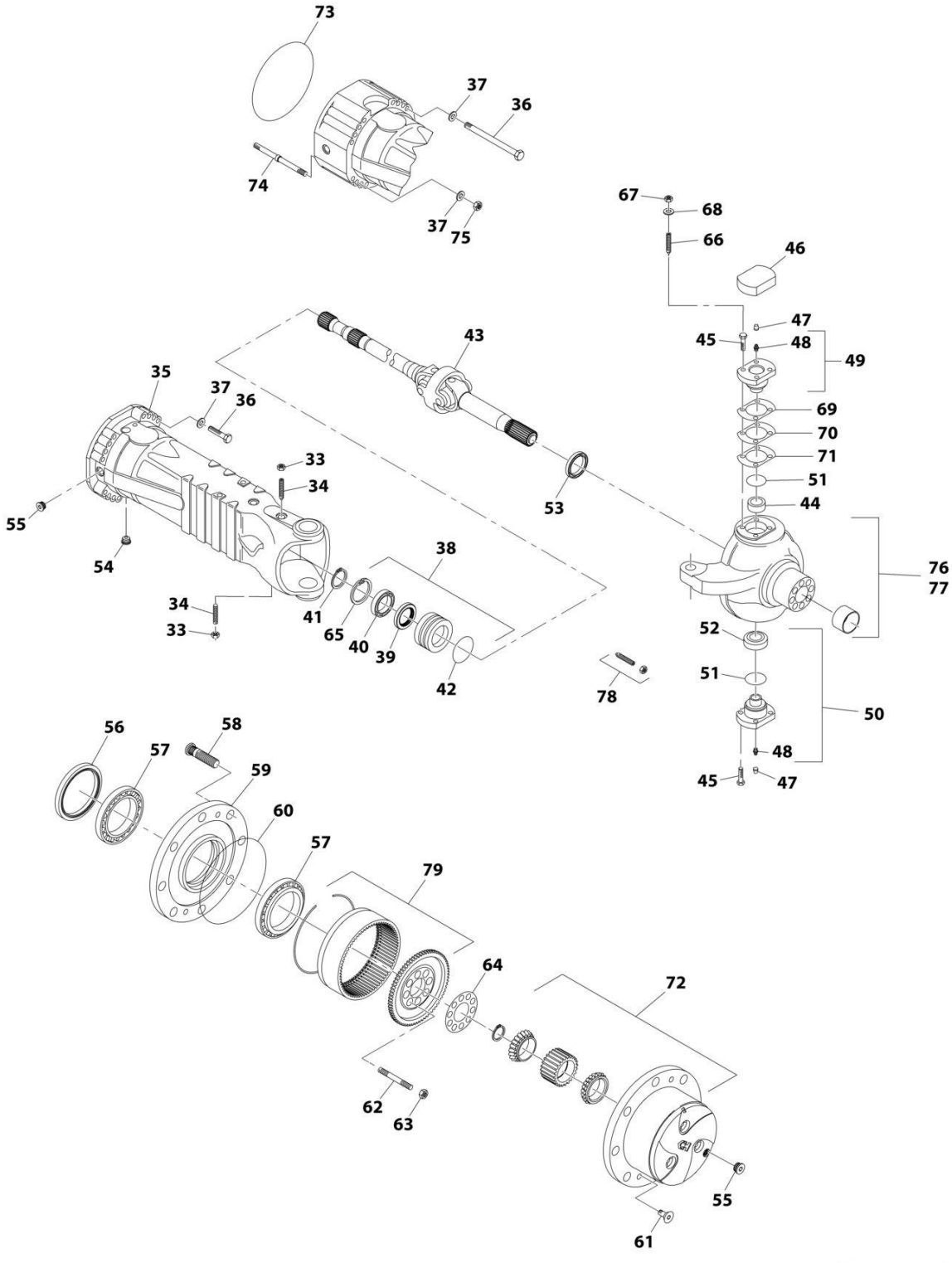


FIGURE 5-70. FRONT AXLE, HUB REDUCTION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191930	Ref	FRONT AXLE, HUB REDUCTION	
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 5-71. FRONT AXLE, BRAKES (4017RS)

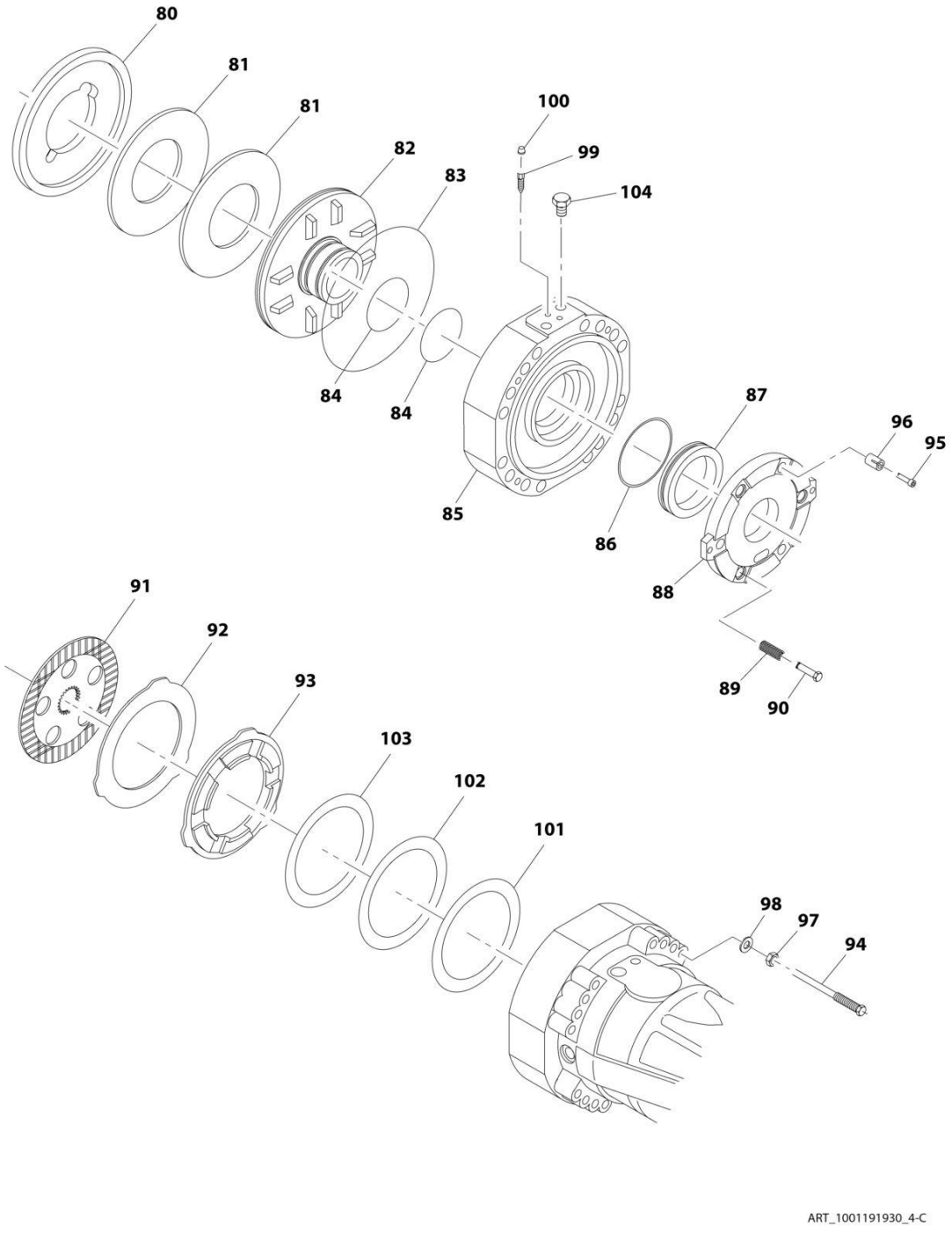


FIGURE 5-71. FRONT AXLE, BRAKES (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191930	Ref	FRONT AXLE, BRAKES	
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 5-72. FRONT AXLE, STEERING (4017RS)

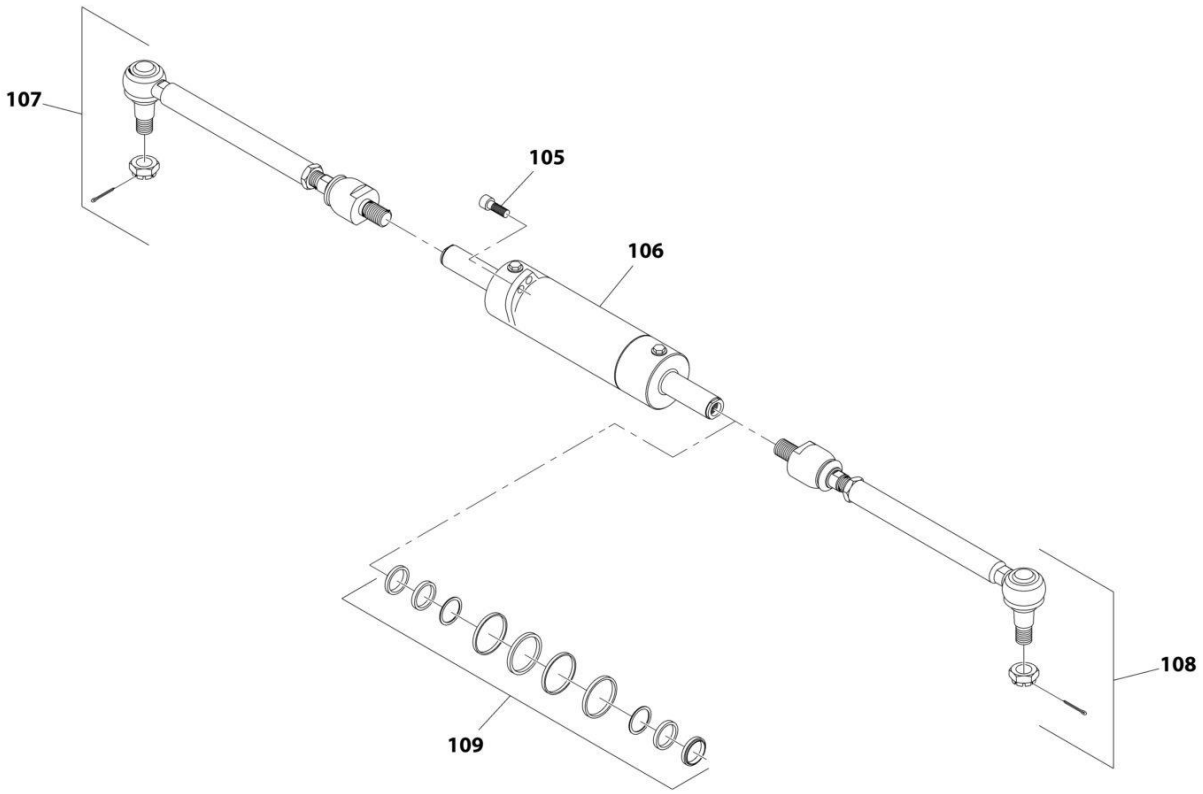


FIGURE 5-72. FRONT AXLE, STEERING (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191930	Ref	FRONT AXLE, STEERING	
105	91474522	4	Bolt	
106	70025566	1	Cylinder	
107	70026752	1	Bar	
108	70026751	1	Bar	
109	70025842	1	Seal Kit	

FIGURE 5-73. FRONT AXLE, TRUNION (4017RS)

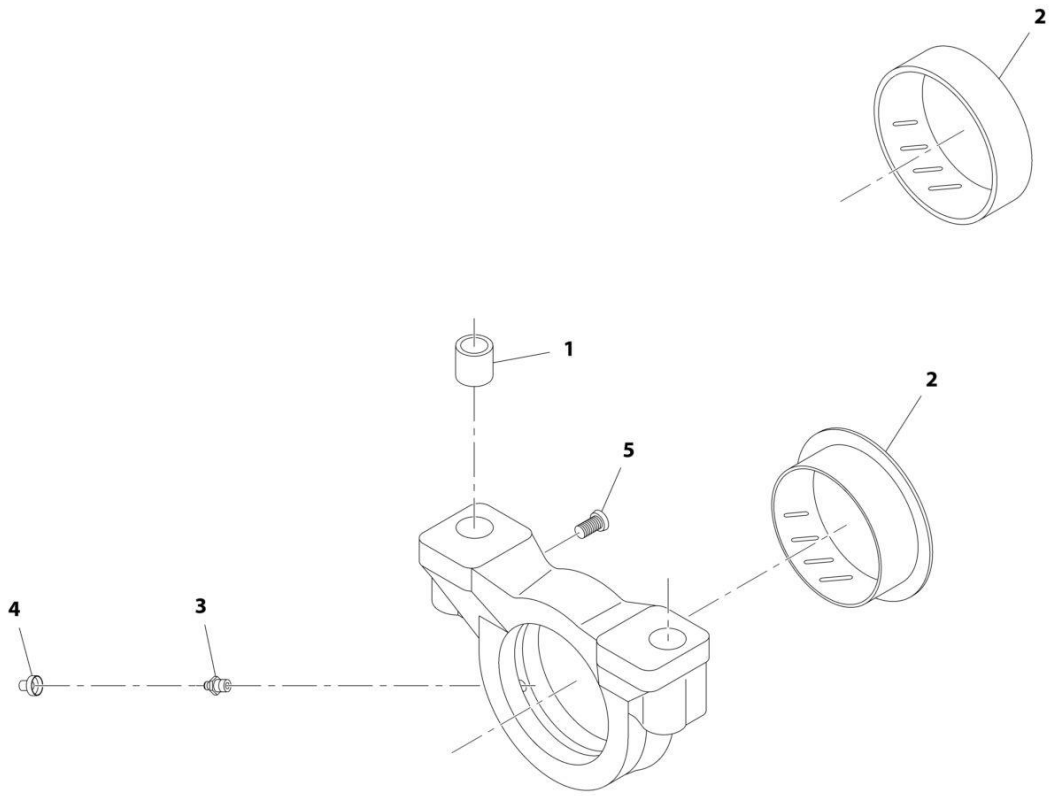


FIGURE 5-73. FRONT AXLE, TRUNION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191930	Ref	FRONT AXLE, TRUNION	
	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 5-74. STEERING CASE KIT (LH)

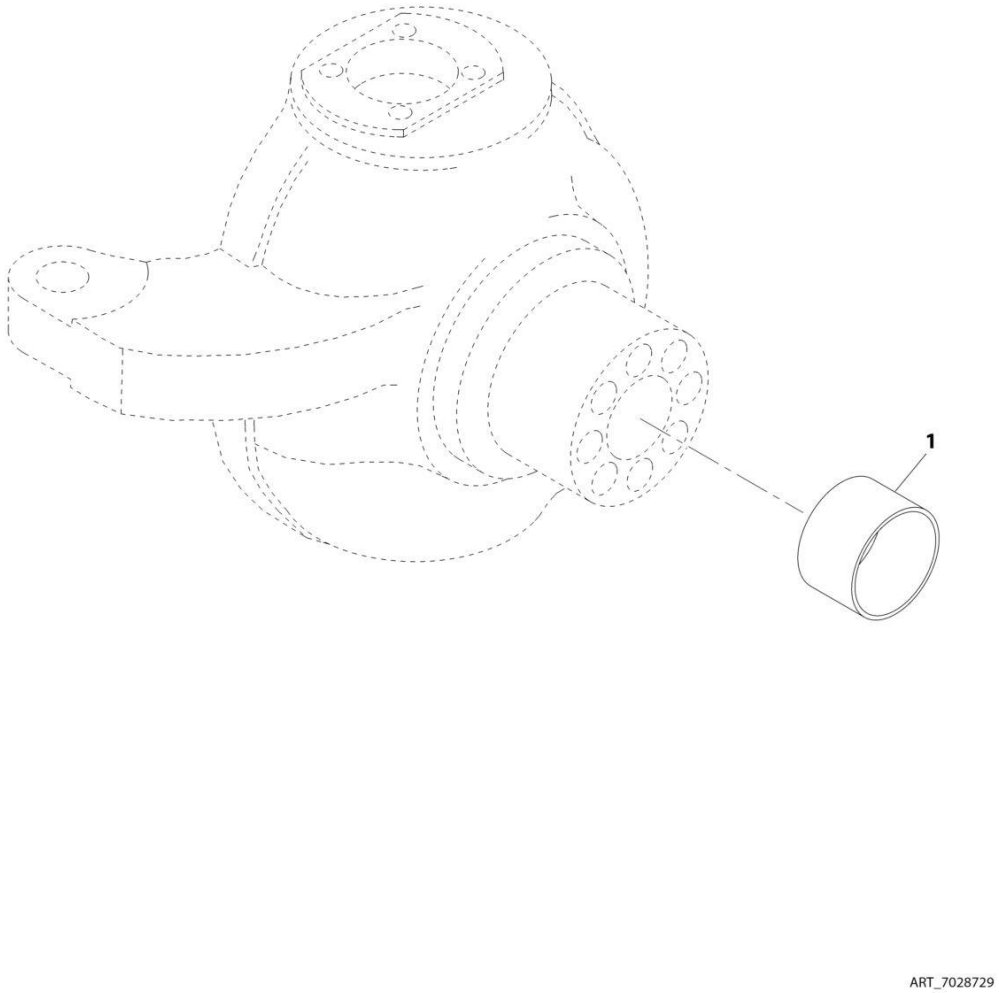


FIGURE 5-74. STEERING CASE KIT (LH)

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

FIGURE 5-75. STEERING CASE KIT (RH)

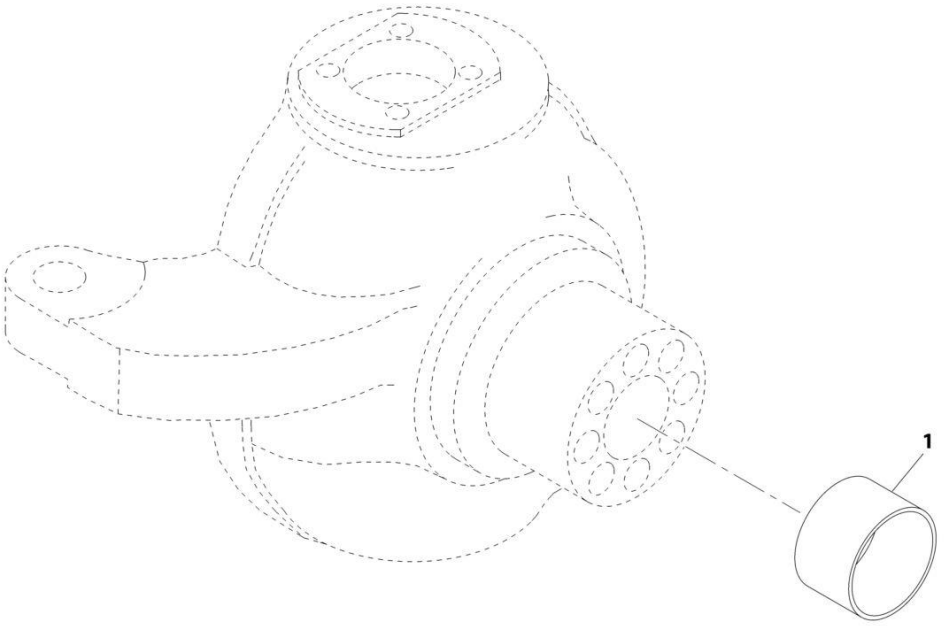


FIGURE 5-75. STEERING CASE KIT (RH)

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

FIGURE 5-76. PLANET GEAR CARRIER KIT

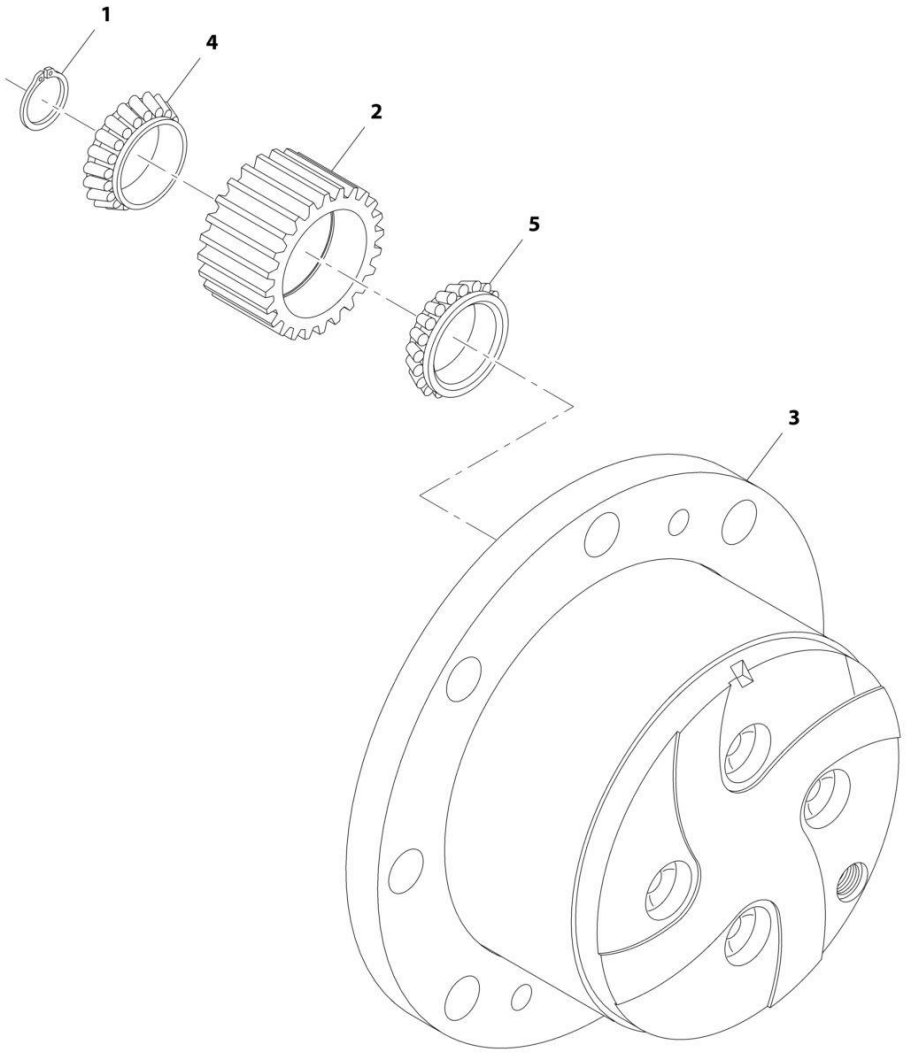
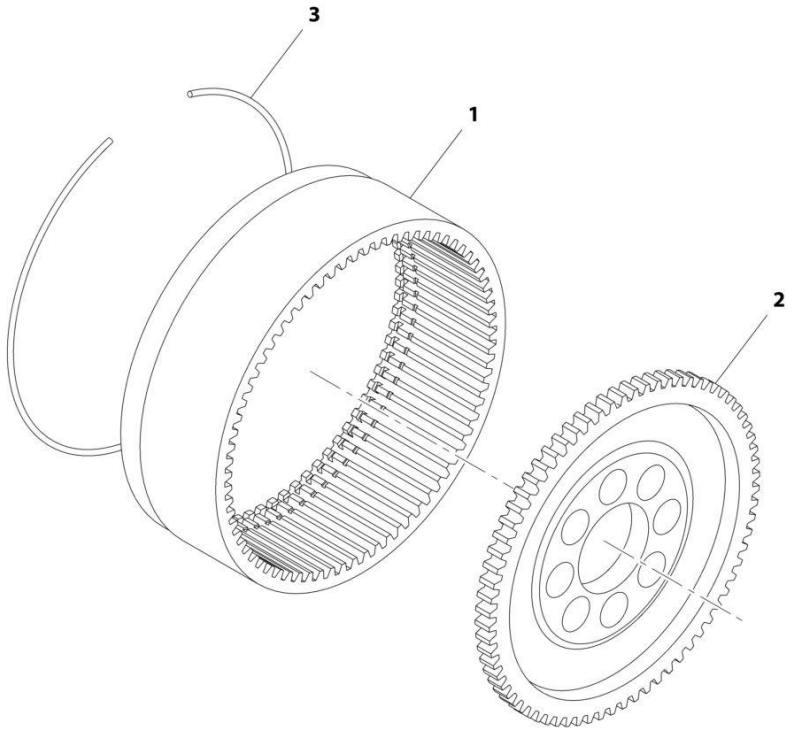


FIGURE 5-76. PLANET GEAR CARRIER KIT

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 5-77. RING GEAR SUPPORT KIT

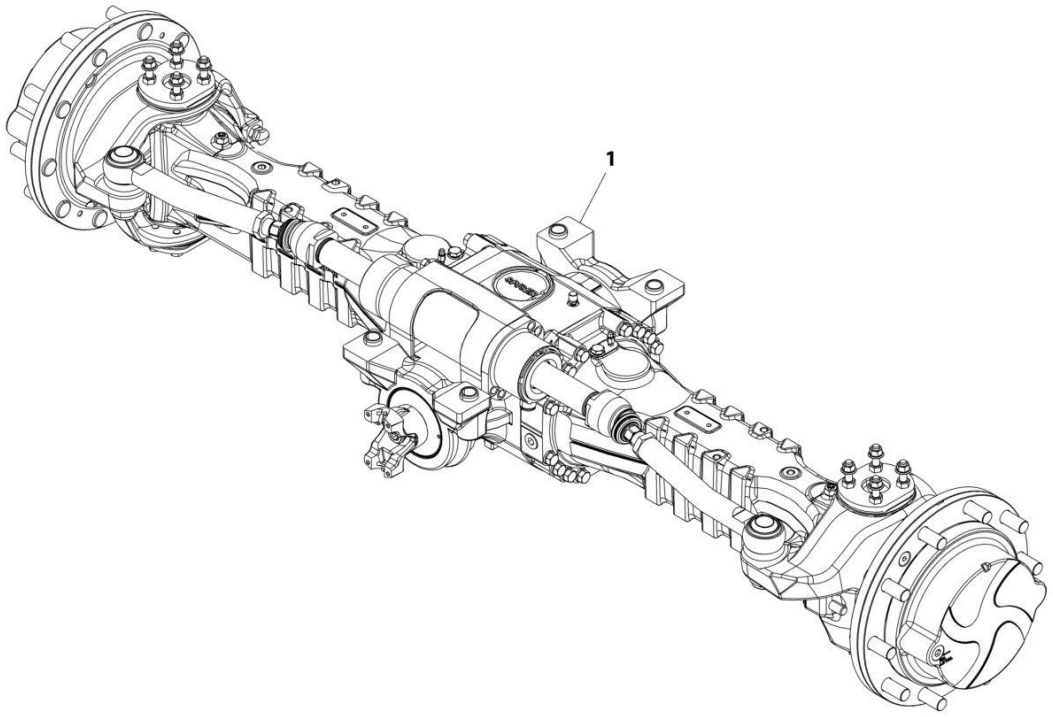


ART_70025551

FIGURE 5-77. 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 5-78. REAR AXLE



ART_1001191920-D

FIGURE 5-78. REAR AXLE

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 5-79. REAR AXLE, CENTRAL HOUSING

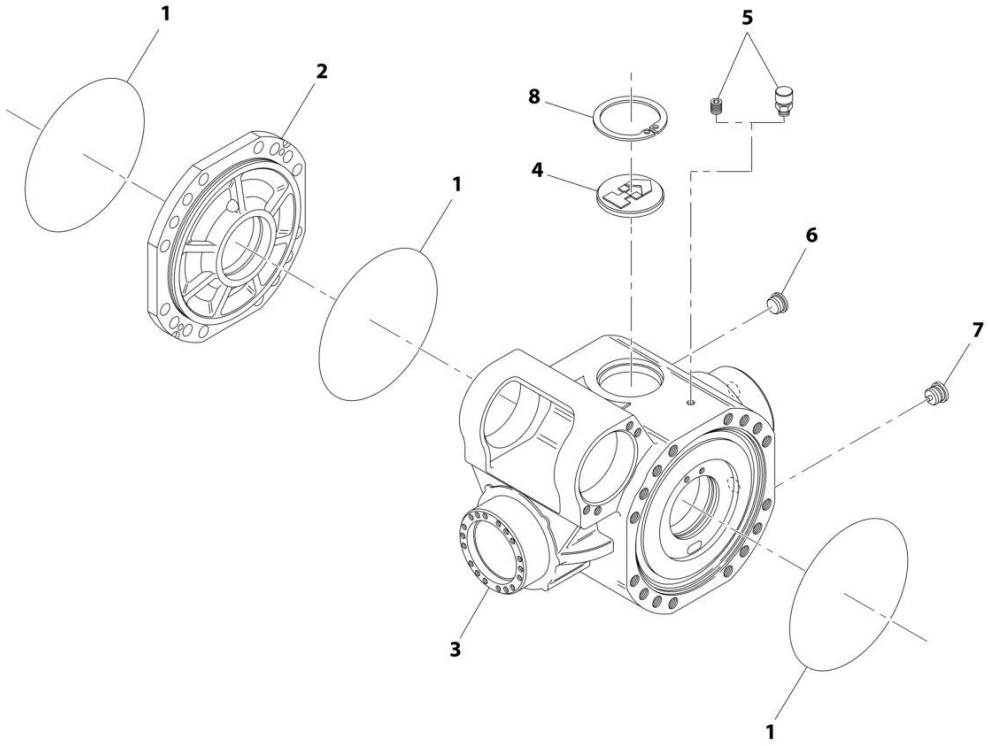


FIGURE 5-79. REAR AXLE, CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191920	Ref	REAR AXLE, CENTRAL HOUSING	
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 5-80. REAR AXLE, DIFFERENTIAL

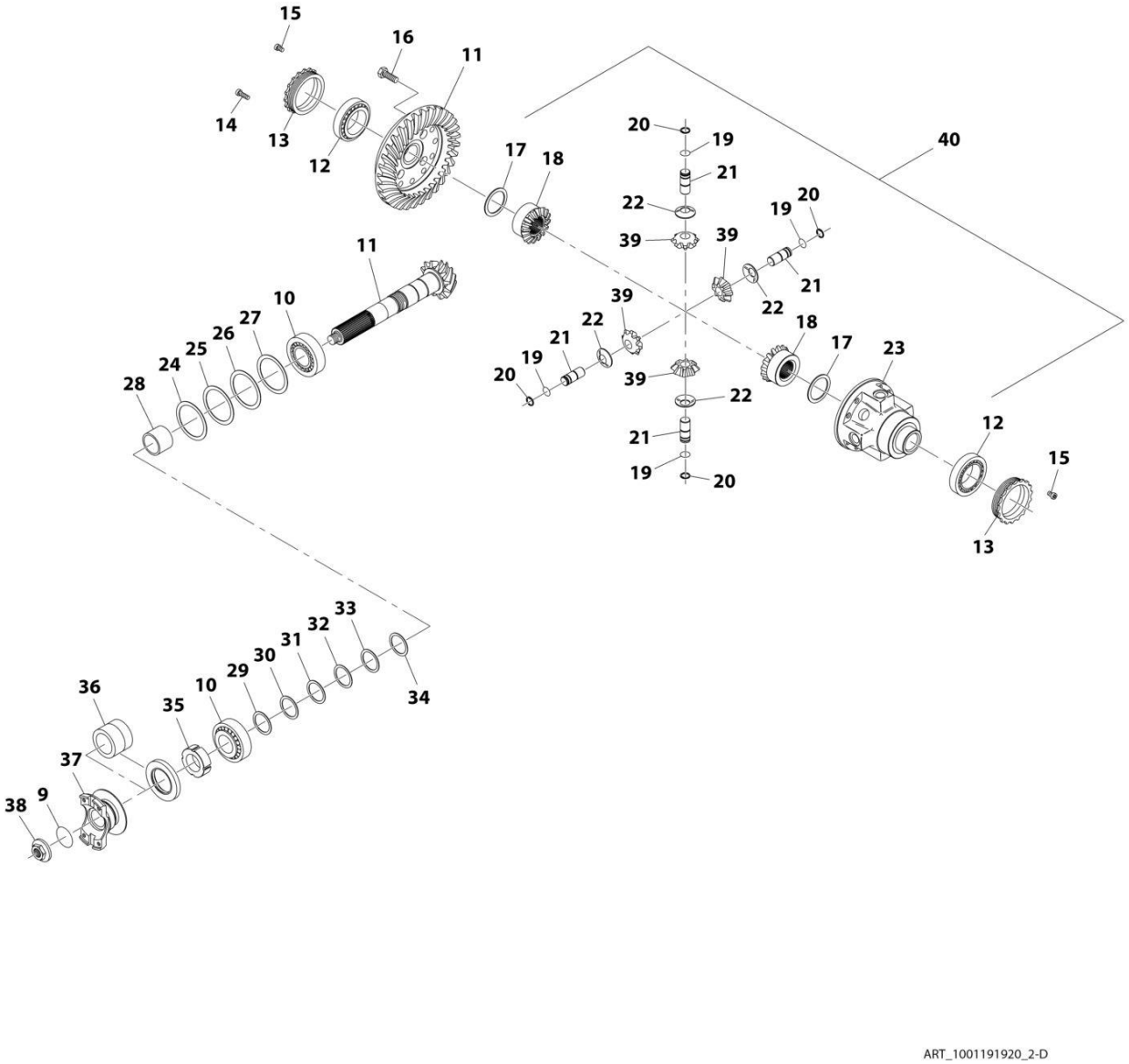


FIGURE 5-80. REAR AXLE, DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191920	Ref	REAR AXLE, DIFFERENTIAL	
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 5-81. REAR AXLE, HUB REDUCTION

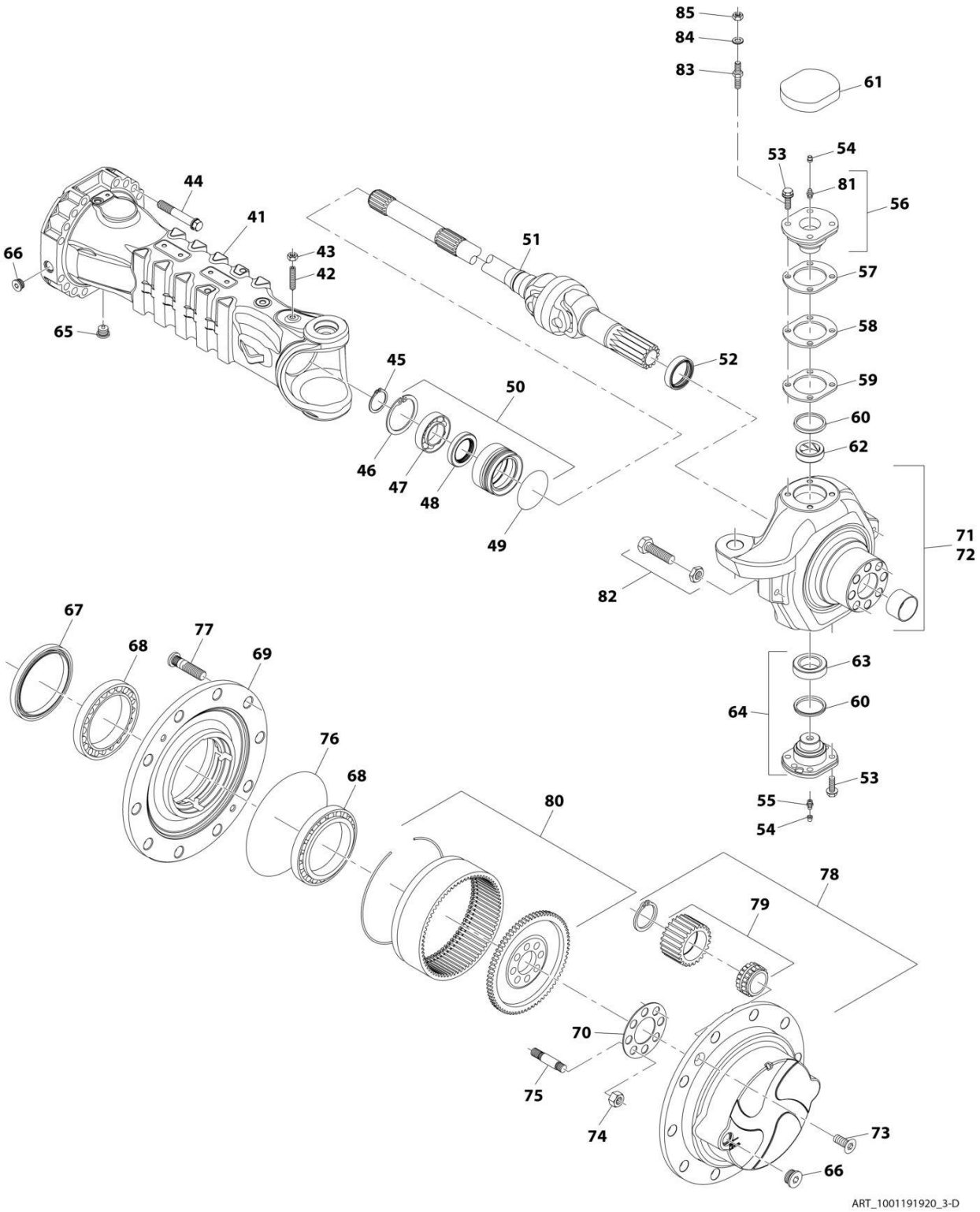


FIGURE 5-81. REAR AXLE, HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191920	Ref	REAR AXLE, HUB REDUCTION	
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 (RF, LR) (See Separate Breakdown in this Section)	
72	8007777	1	Steering Case Kit (RF, LR) (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 5-82. REAR AXLE, BRAKES

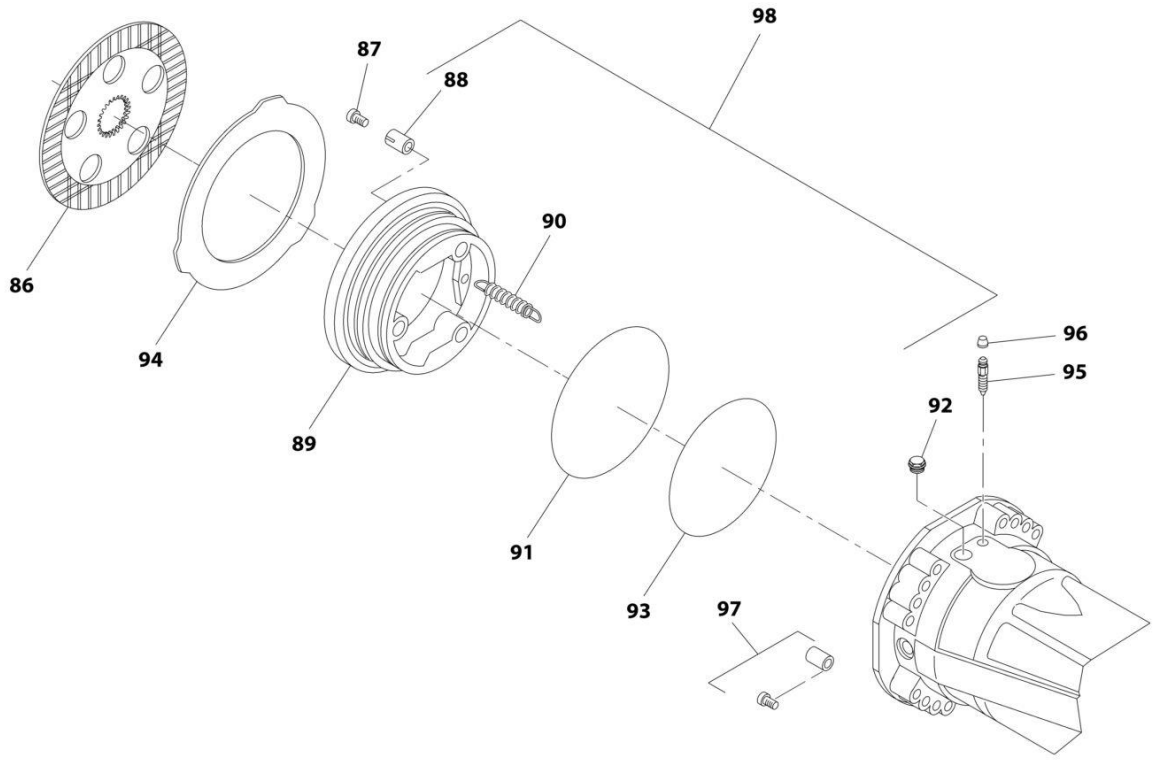


FIGURE 5-82. REAR AXLE, BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191920	Ref	REAR AXLE, BRAKES	
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 5-83. REAR AXLE, STEERING

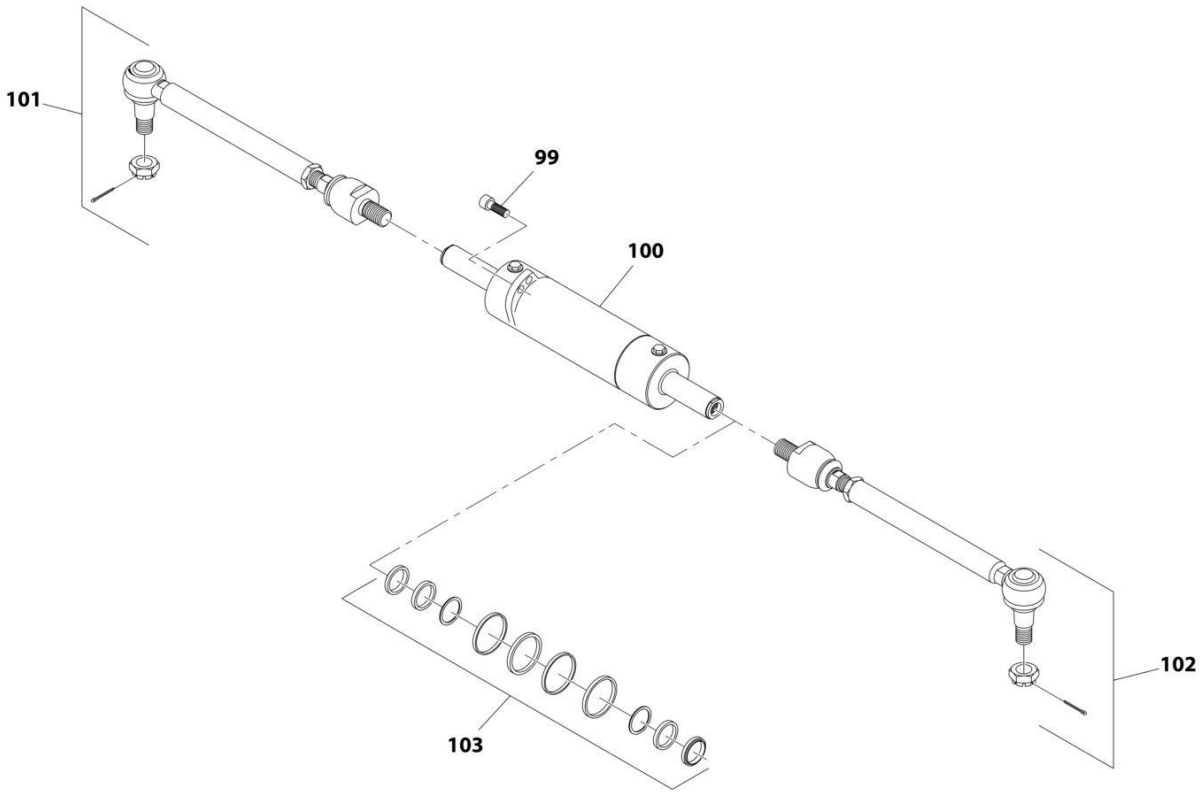


FIGURE 5-83. REAR AXLE, STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191920	Ref	REAR AXLE, STEERING	
99	91474522	4	Bolt	
100	70025566	1	Cylinder	
101	70026752	1	Bar	
102	70026751	1	Bar	
103	70025842	1	Seal Kit	

FIGURE 5-84. REAR AXLE, TRUNION

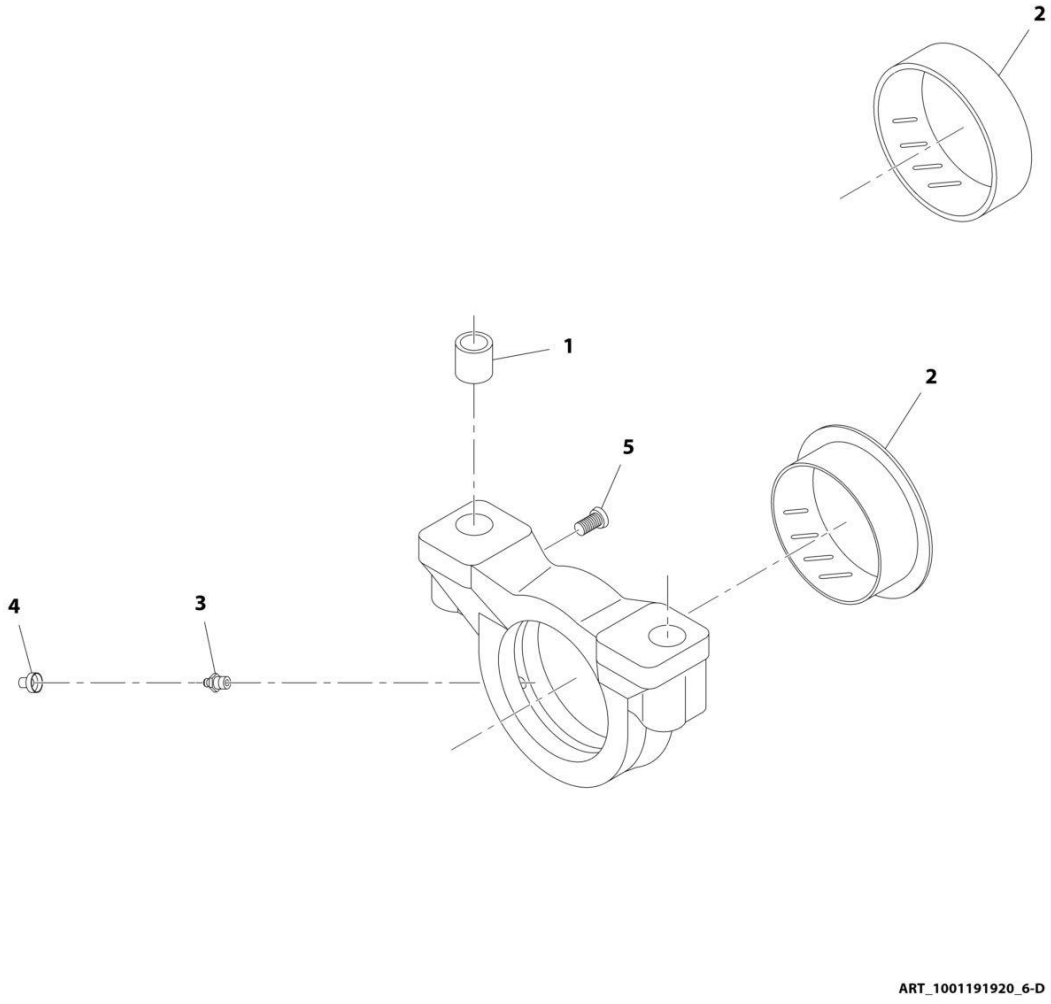


FIGURE 5-84. REAR AXLE, TRUNION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191920	Ref	REAR AXLE, TRUNION	
	70026630	Ref	Trunion Kit (See Separate Breakdown in this Section)	
1	91474516	4	Reduction Bushing	
2	91474515	2	Thrust Bushing	
3	91514099	2	Grease Fitting	
4	80204117	2	Plug	
5	70025884	2	Bolt	

FIGURE 5-85. STEERING CASE KIT, (RF, LR)

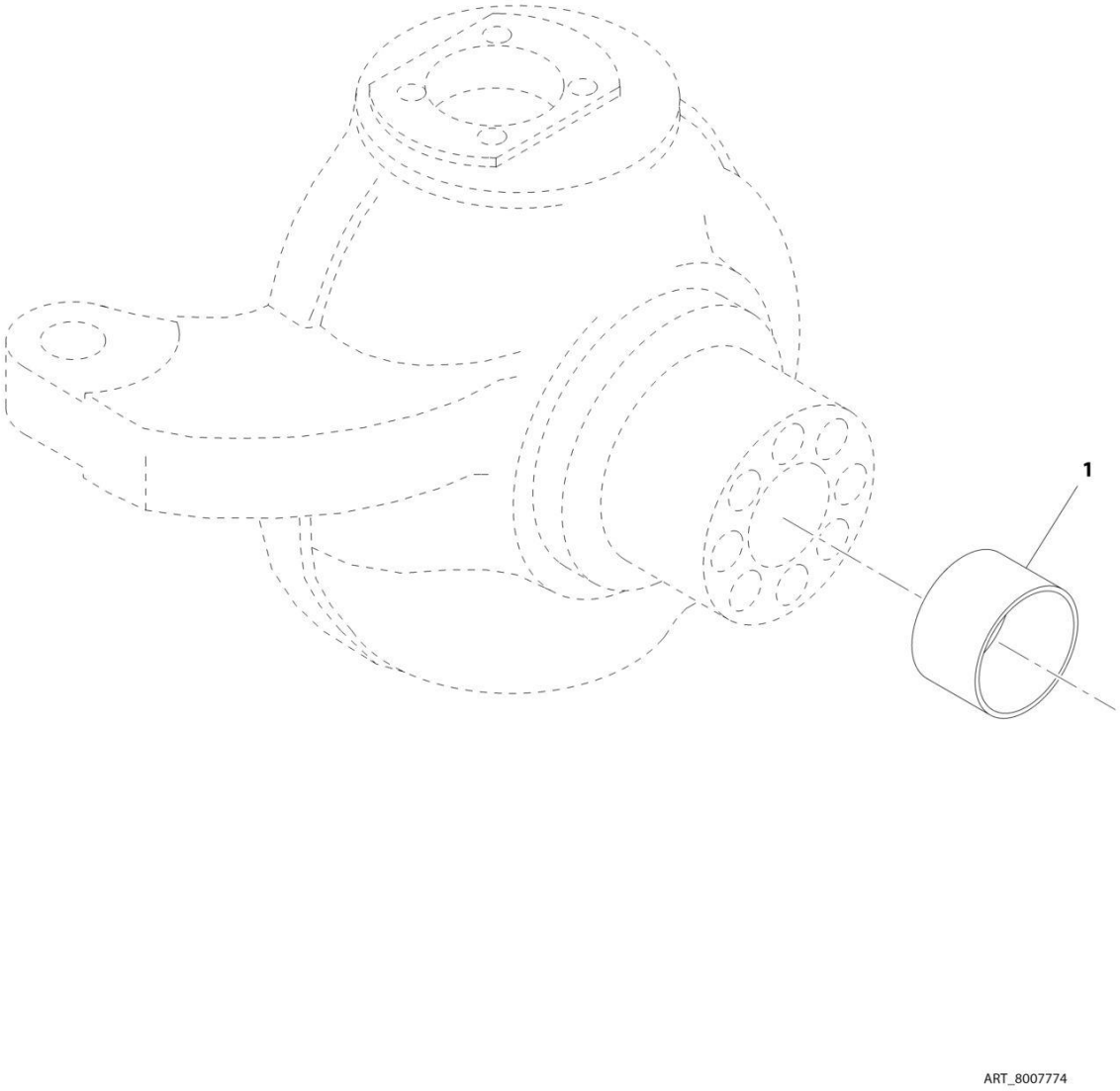


FIGURE 5-85. STEERING CASE KIT, (RF, LR)

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

FIGURE 5-86. STEERING CASE KIT, (LF, RR)

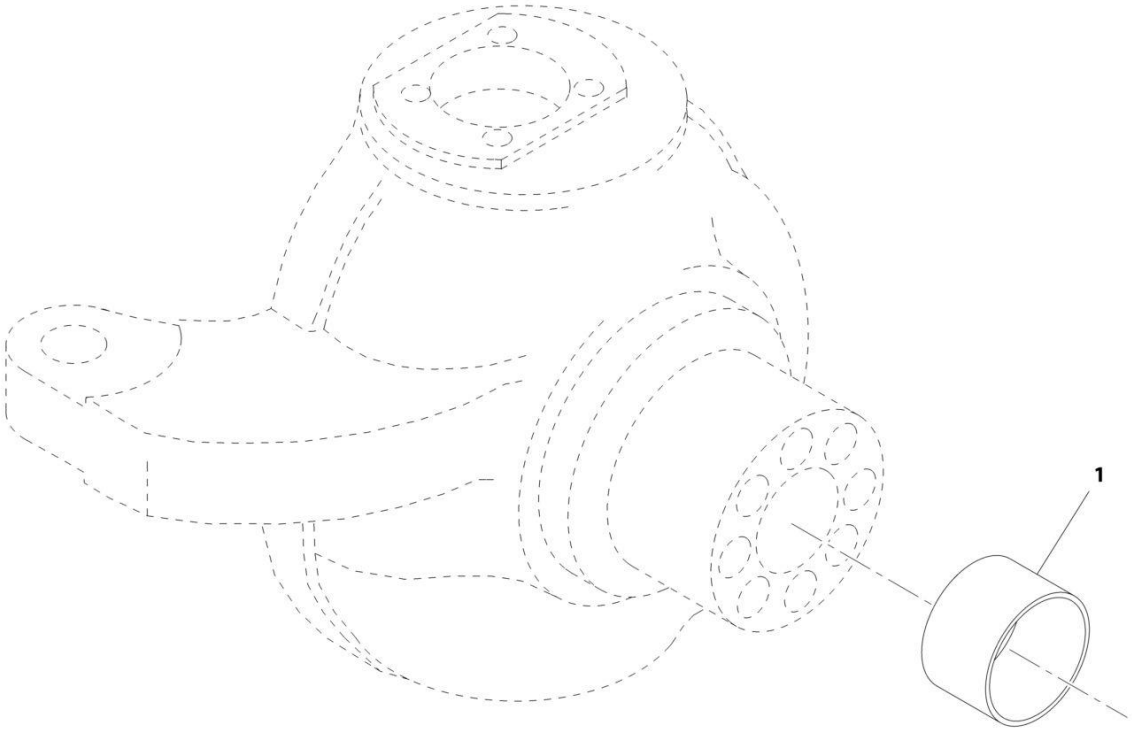


FIGURE 5-86. STEERING CASE KIT, (LF, RR)

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

FIGURE 5-87. PLANET GEAR CARRIER KIT

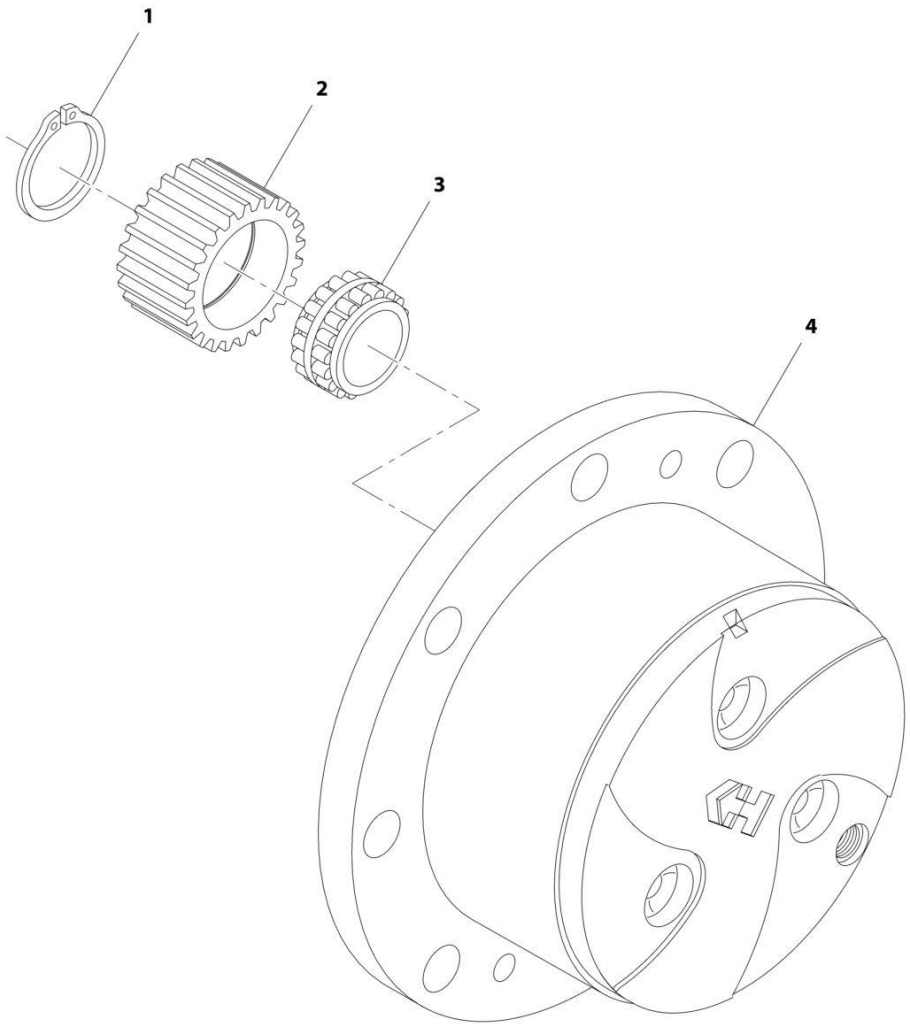


FIGURE 5-87. PLANET GEAR CARRIER KIT

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 5-88. PLANET GEAR KIT

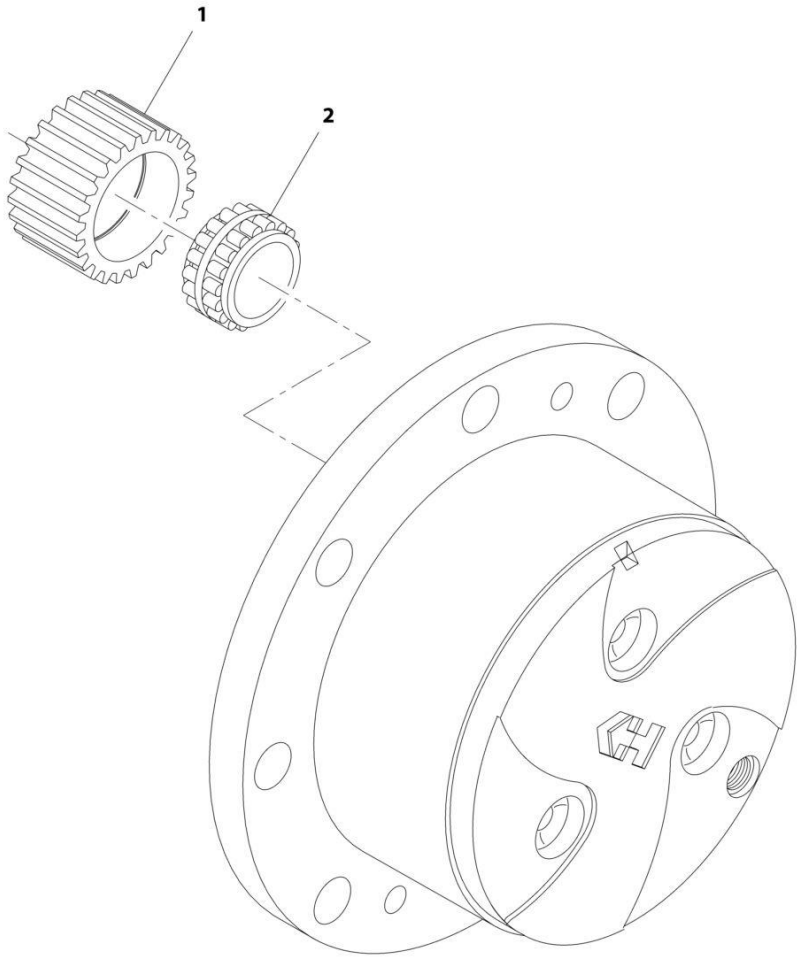


FIGURE 5-88. PLANET GEAR KIT

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

FIGURE 5-89. RING GEAR SUPPORT KIT

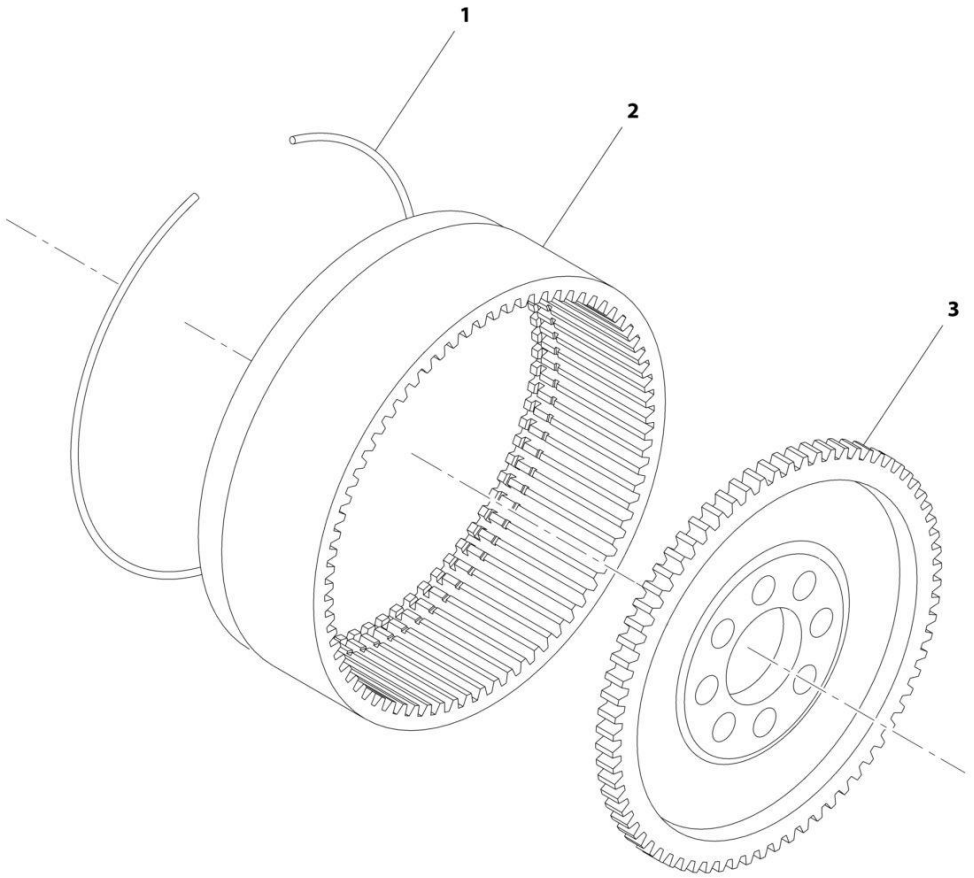


FIGURE 5-89. RING GEAR SUPPORT KIT

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 5-90. STEERING ADJUST BOLT KIT

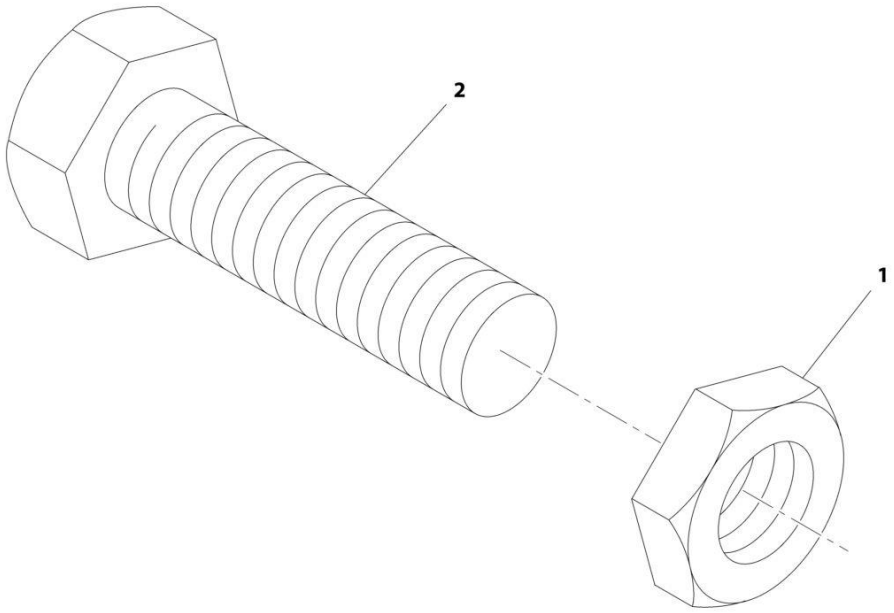


FIGURE 5-90. STEERING ADJUST BOLT KIT

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

FIGURE 5-91. TRUNION KIT

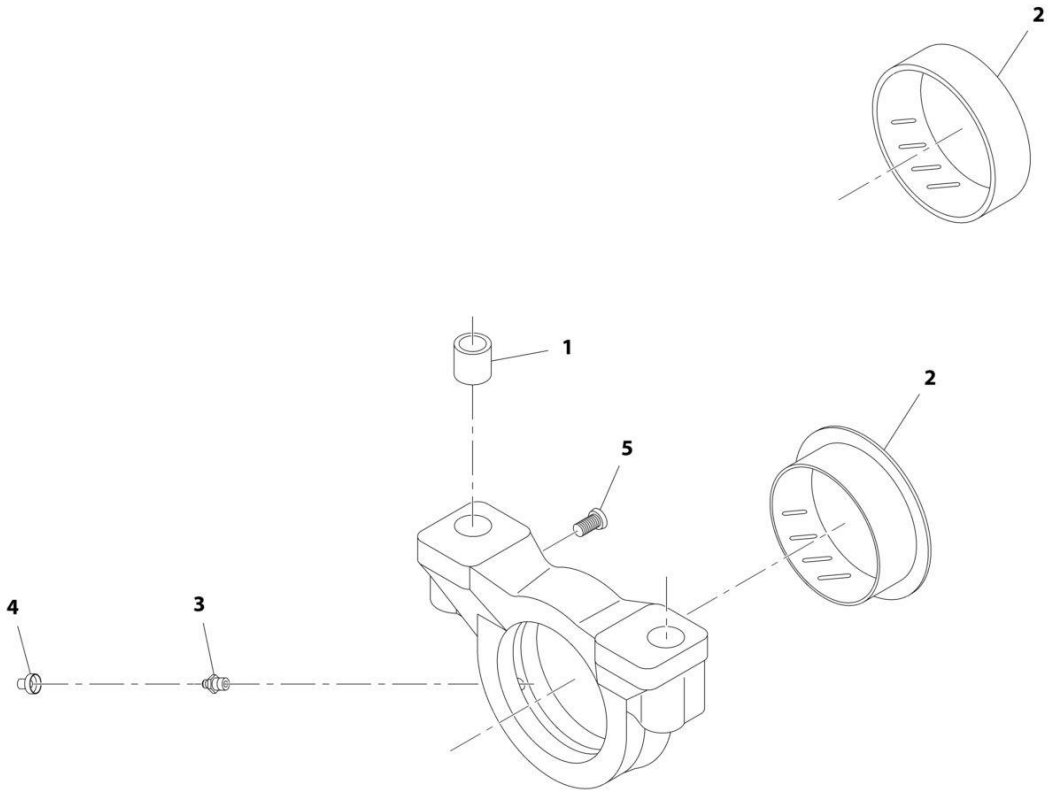
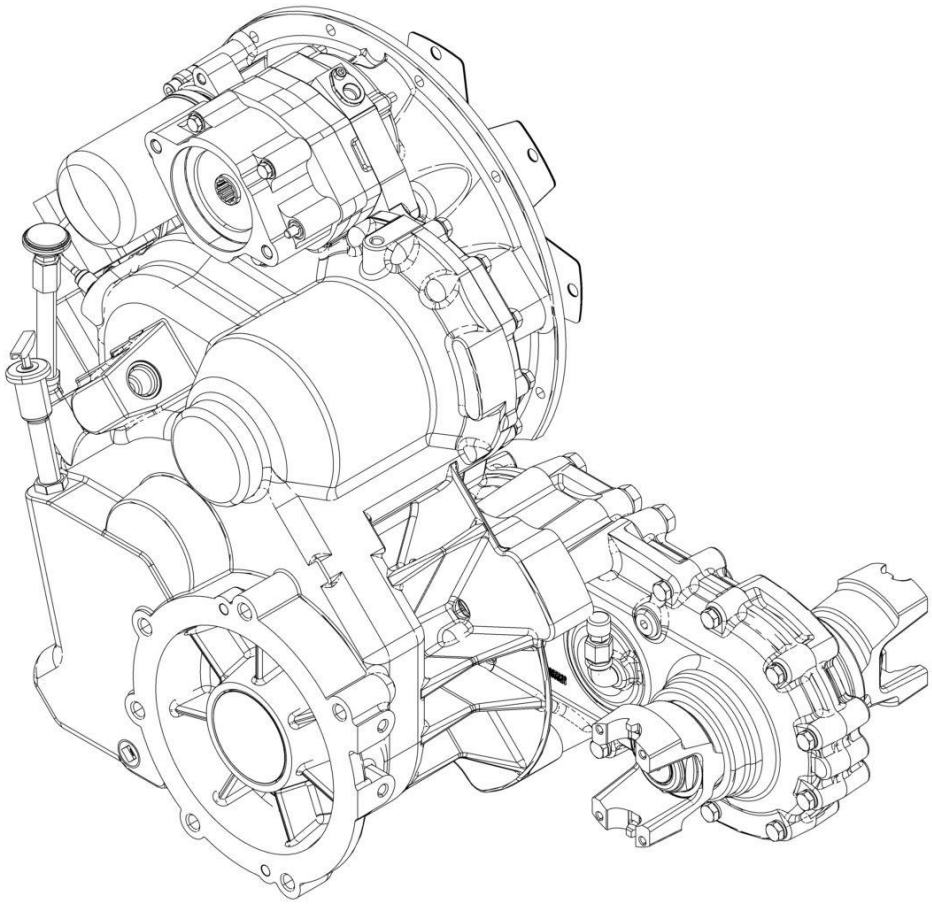


FIGURE 5-91. TRUNION KIT

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

FIGURE 5-92. POWERSHIFT TRANSMISSION



ART_1001141036-B

FIGURE 5-92. POWERSHIFT TRANSMISSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	Transmission, Powershift	B
		Ref	Converter Housing (See Separate Breakdown in this Section)	
		Ref	Transmission Plate (See Separate Breakdown in this Section)	
		Ref	Torque Converter (See Separate Breakdown in this Section)	
		Ref	Gear Group (See Separate Breakdown in this Section)	
		Ref	Pump Drive (See Separate Breakdown in this Section)	
		Ref	Charge Pump (See Separate Breakdown in this Section)	
		Ref	Reverse Idler (See Separate Breakdown in this Section)	
		Ref	Forward and Reverse Shaft (See Separate Breakdown in this Section)	
		Ref	3rd Shaft (See Separate Breakdown in this Section)	
		Ref	1st & 2nd Shaft (See Separate Breakdown in this Section)	
		Ref	Output Shaft (See Separate Breakdown in this Section)	
		Ref	Drop Box (See Separate Breakdown in this Section)	
		Ref	Control (See Separate Breakdown in this Section)	
		Ref	Modulation Valve (See Separate Breakdown in this Section)	
		Ref	Drive Plate (See Separate Breakdown in this Section)	

FIGURE 5-93. POWERSHIFT TRANSMISSION, CONVERTER HOUSING

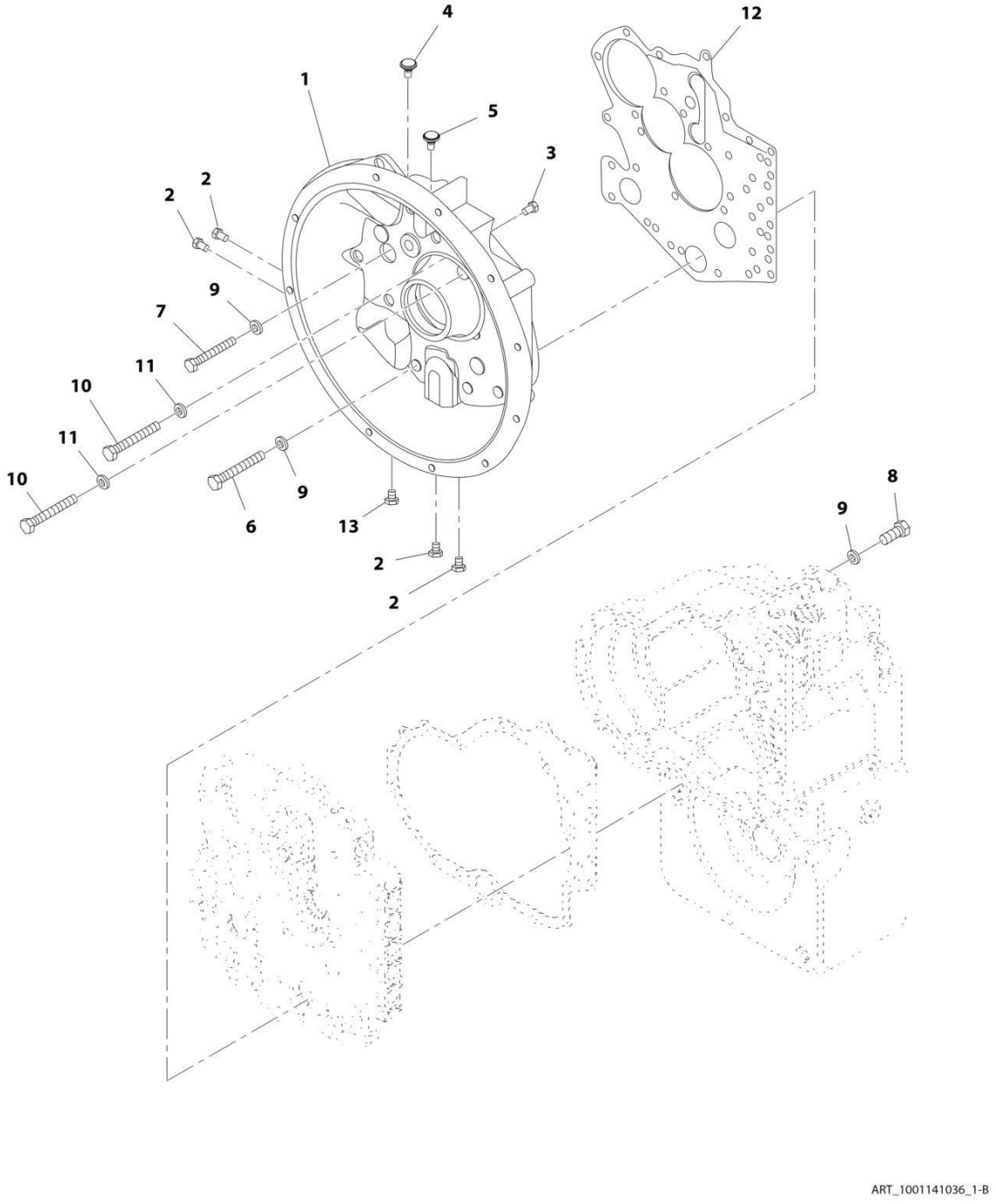


FIGURE 5-93. POWERSHIFT TRANSMISSION, CONVERTER HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, CONVERTER HOUSING	
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 5-94. POWERSHIFT TRANSMISSION, TRANSMISSION PLATE

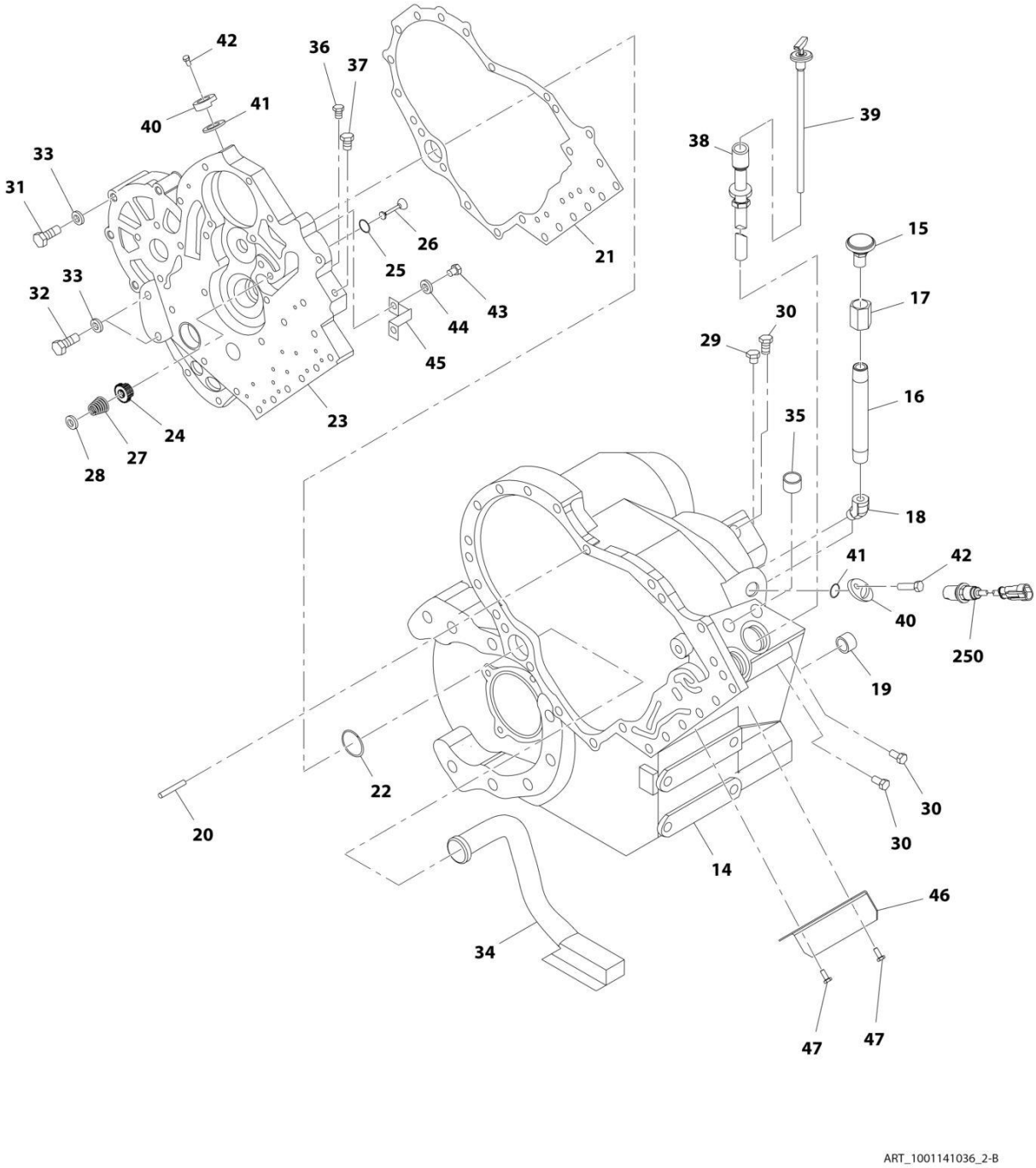


FIGURE 5-94. POWERSHIFT TRANSMISSION, TRANSMISSION PLATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, TRANSMISSION PLATE	
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 5-95. POWERSHIFT TRANSMISSION, TORQUE CONVERTER

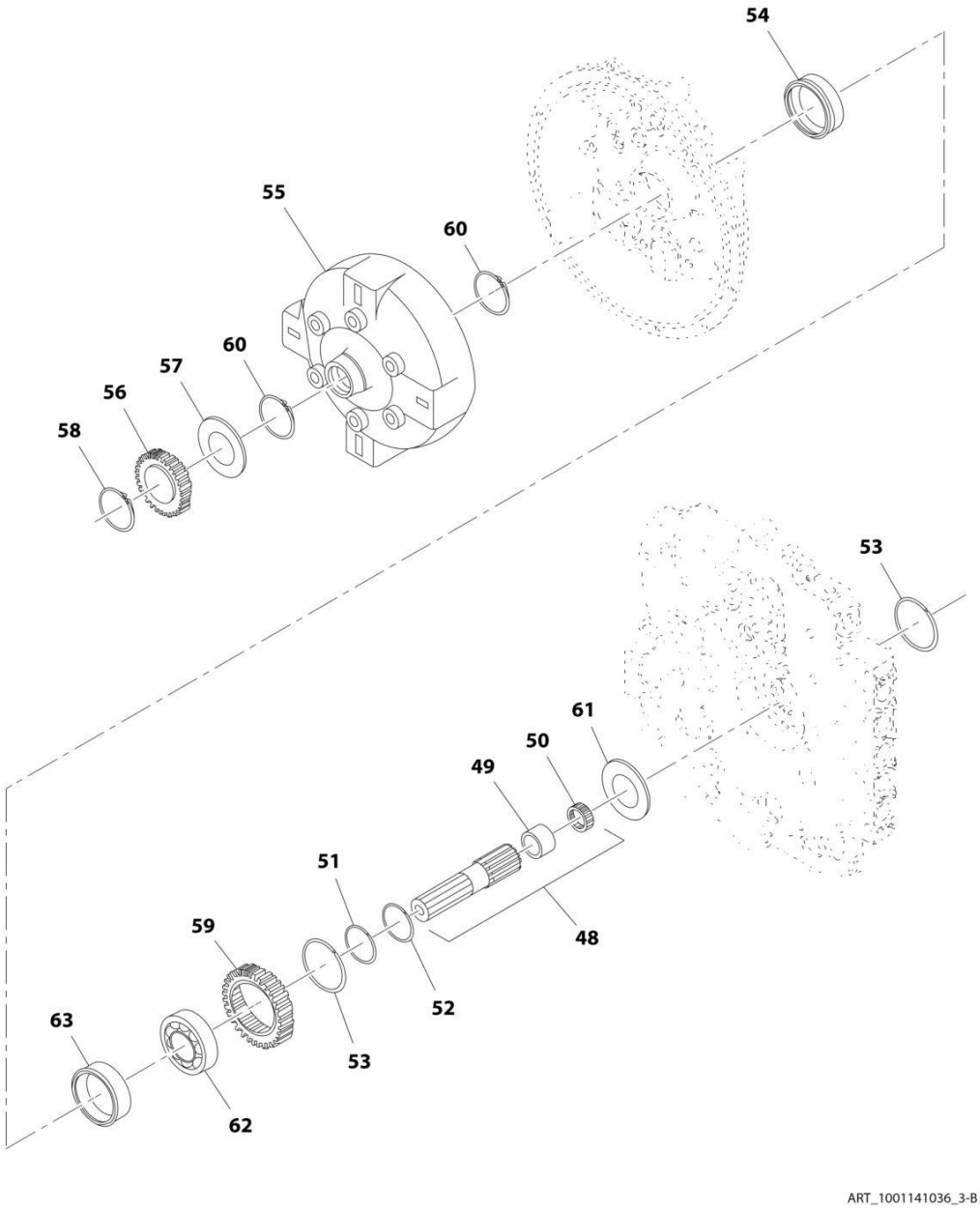


FIGURE 5-95. POWERSHIFT TRANSMISSION, TORQUE CONVERTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, TORQUE CONVERTER	
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 5-96. POWERSHIFT TRANSMISSION, GEAR GROUP

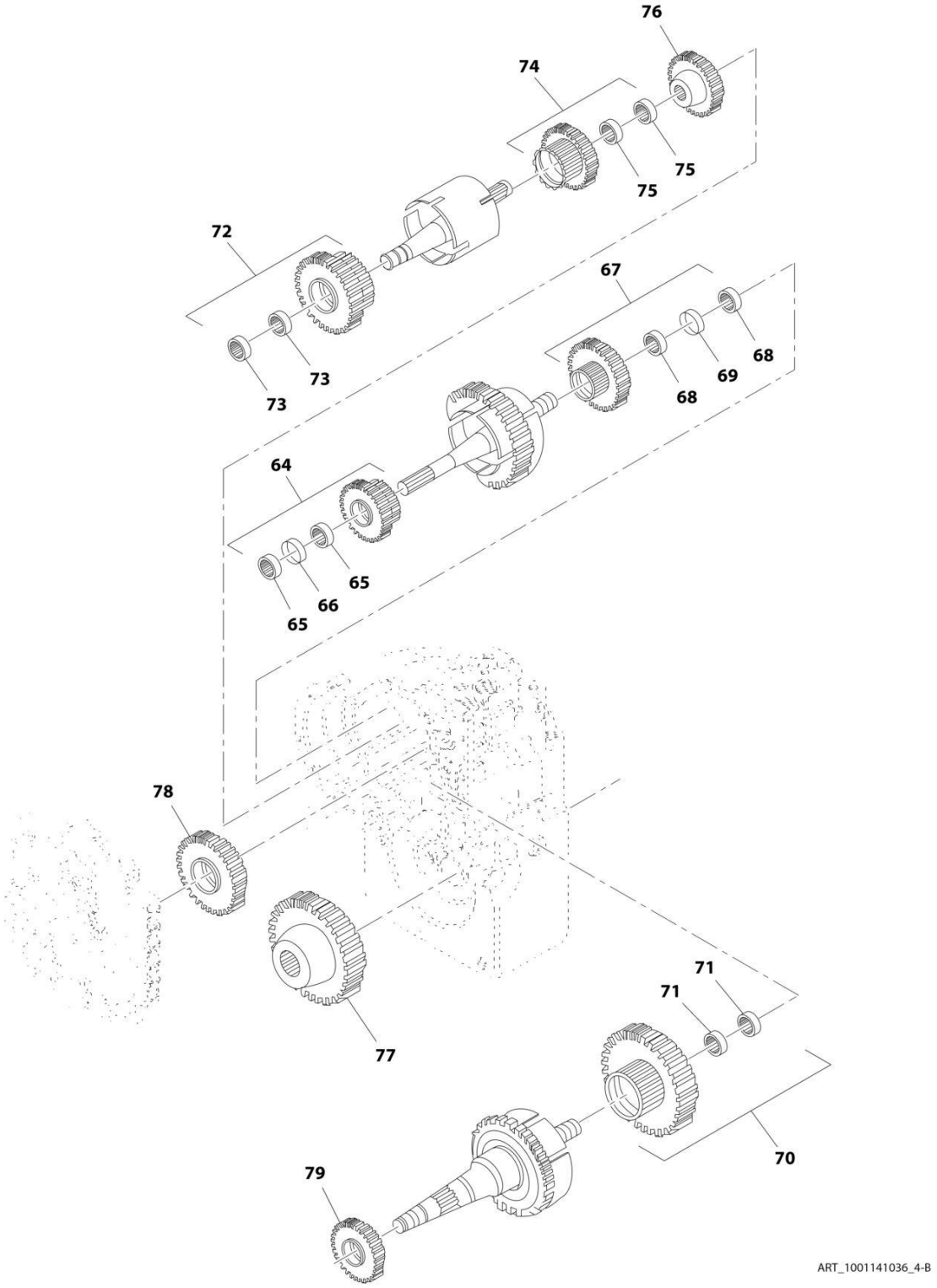


FIGURE 5-96. POWERSHIFT TRANSMISSION, GEAR GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, GEAR GROUP	
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 5-97. POWERSHIFT TRANSMISSION, PUMP DRIVE

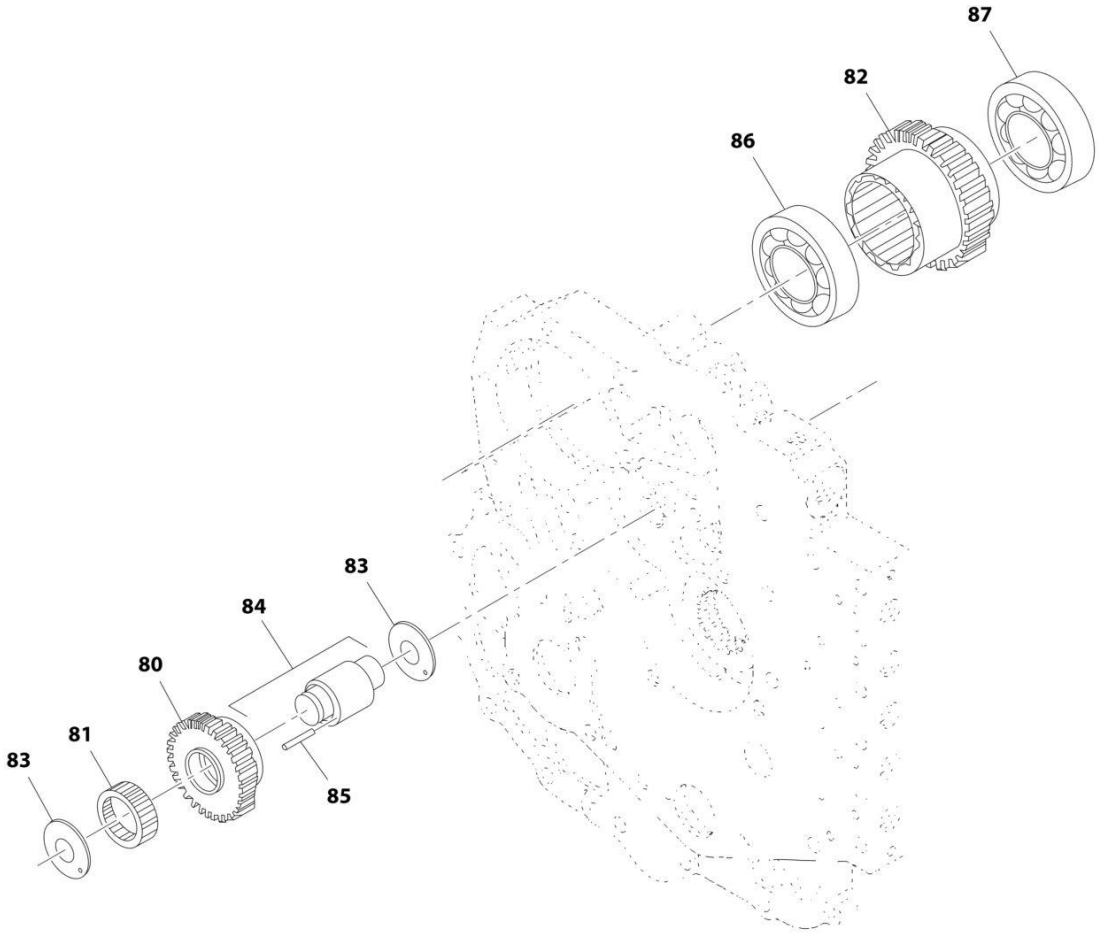


FIGURE 5-97. POWERSHIFT TRANSMISSION, PUMP DRIVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, PUMP DRIVE	
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 5-98. POWERSHIFT TRANSMISSION, CHARGE PUMP

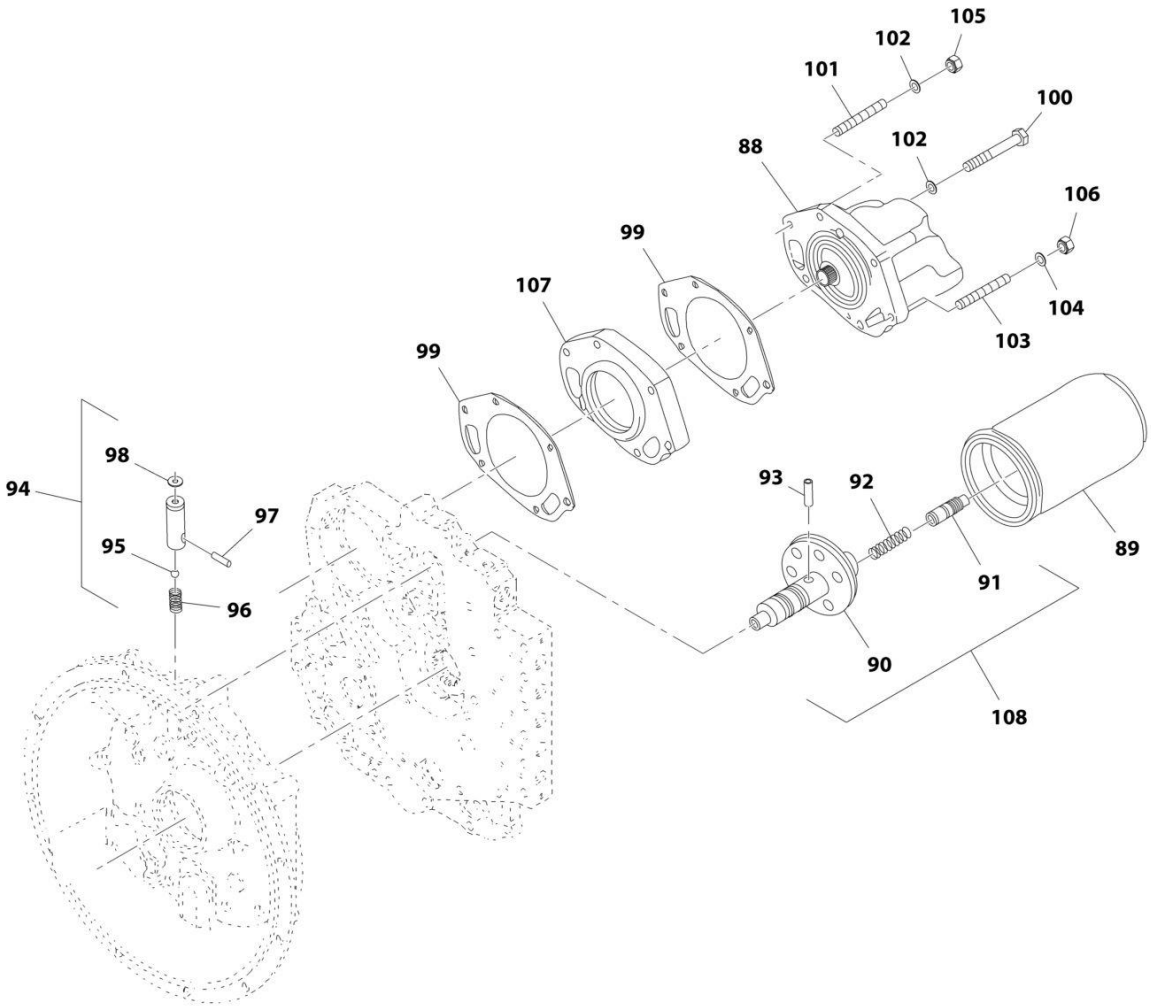


FIGURE 5-98. POWERSHIFT TRANSMISSION, CHARGE PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, CHARGE PUMP	
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 5-99. POWERSHIFT TRANSMISSION, REVERSE IDLER

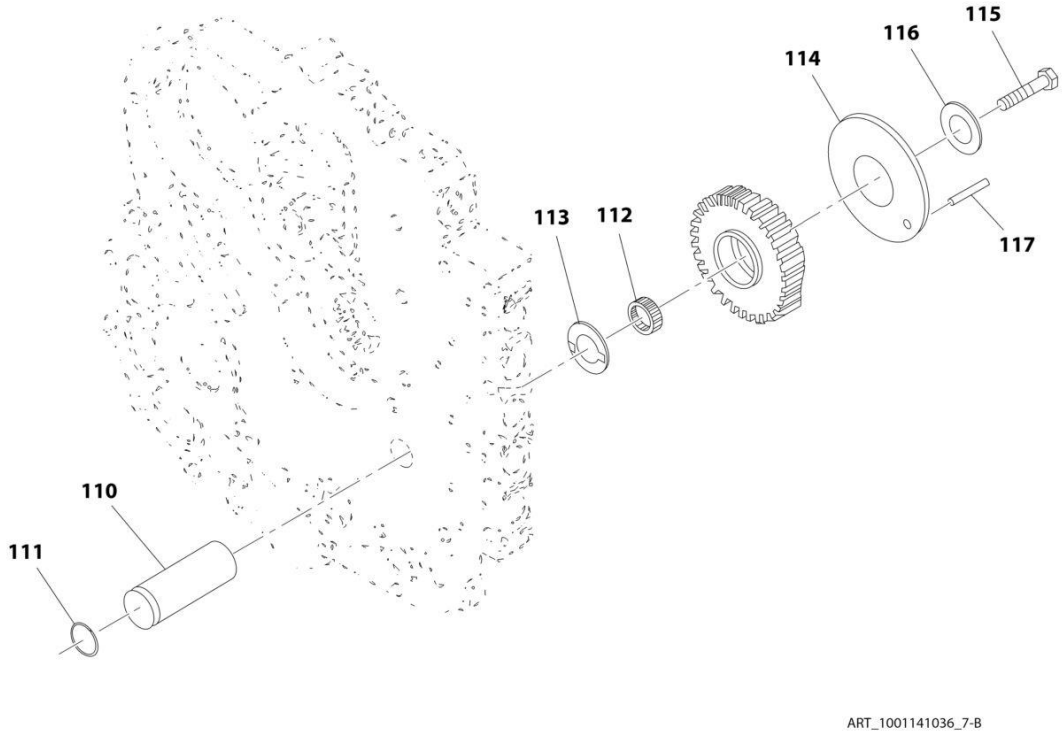


FIGURE 5-99. POWERSHIFT TRANSMISSION, REVERSE IDLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, REVERSE IDLER	
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 5-100. POWERSHIFT TRANSMISSION, FORWARD AND REVERSE SHAFT

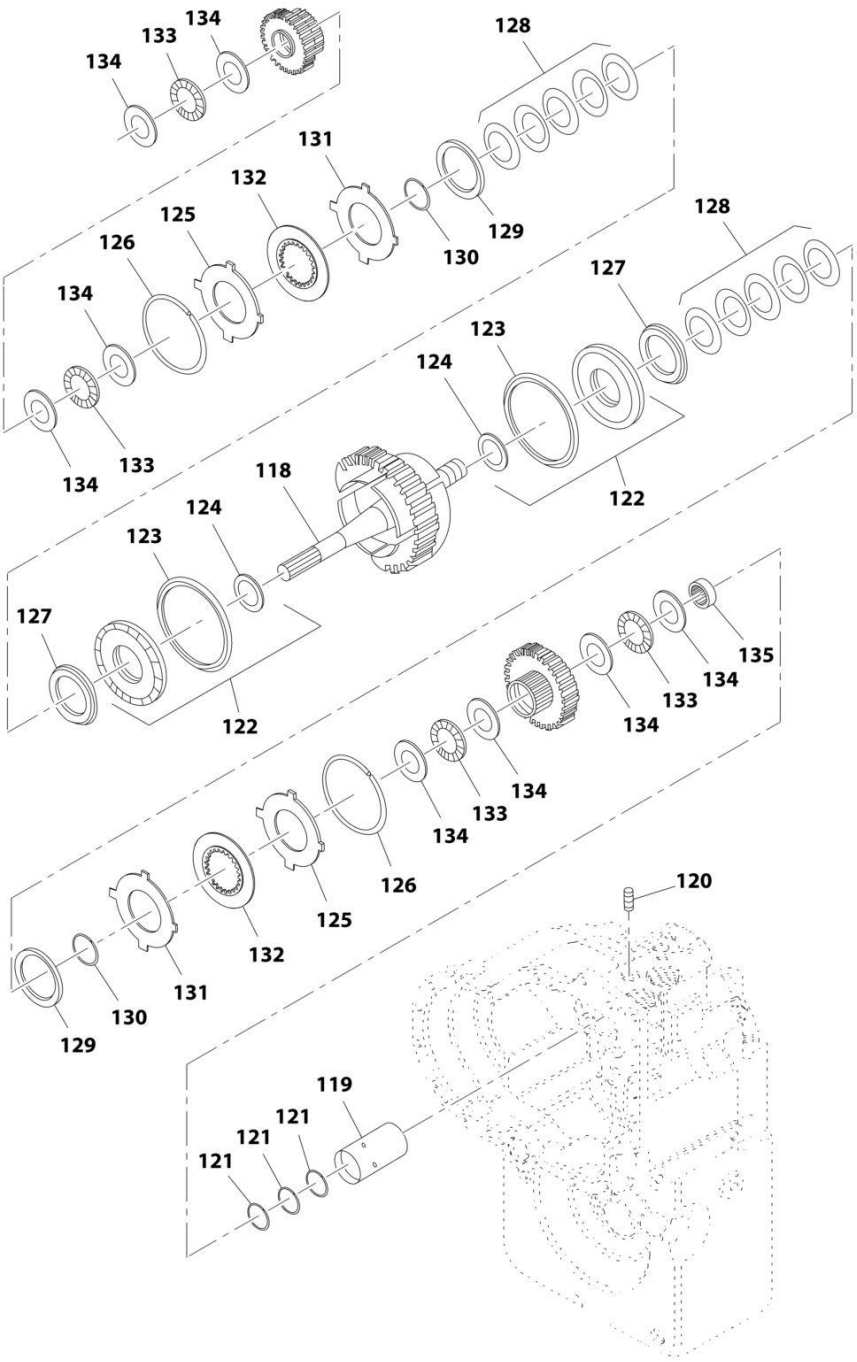


FIGURE 5-100. POWERSHIFT TRANSMISSION, FORWARD AND REVERSE SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, FORWARD & REVERSE SHAFT	
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 5-101. POWERSHIFT TRANSMISSION, 3RD SHAFT

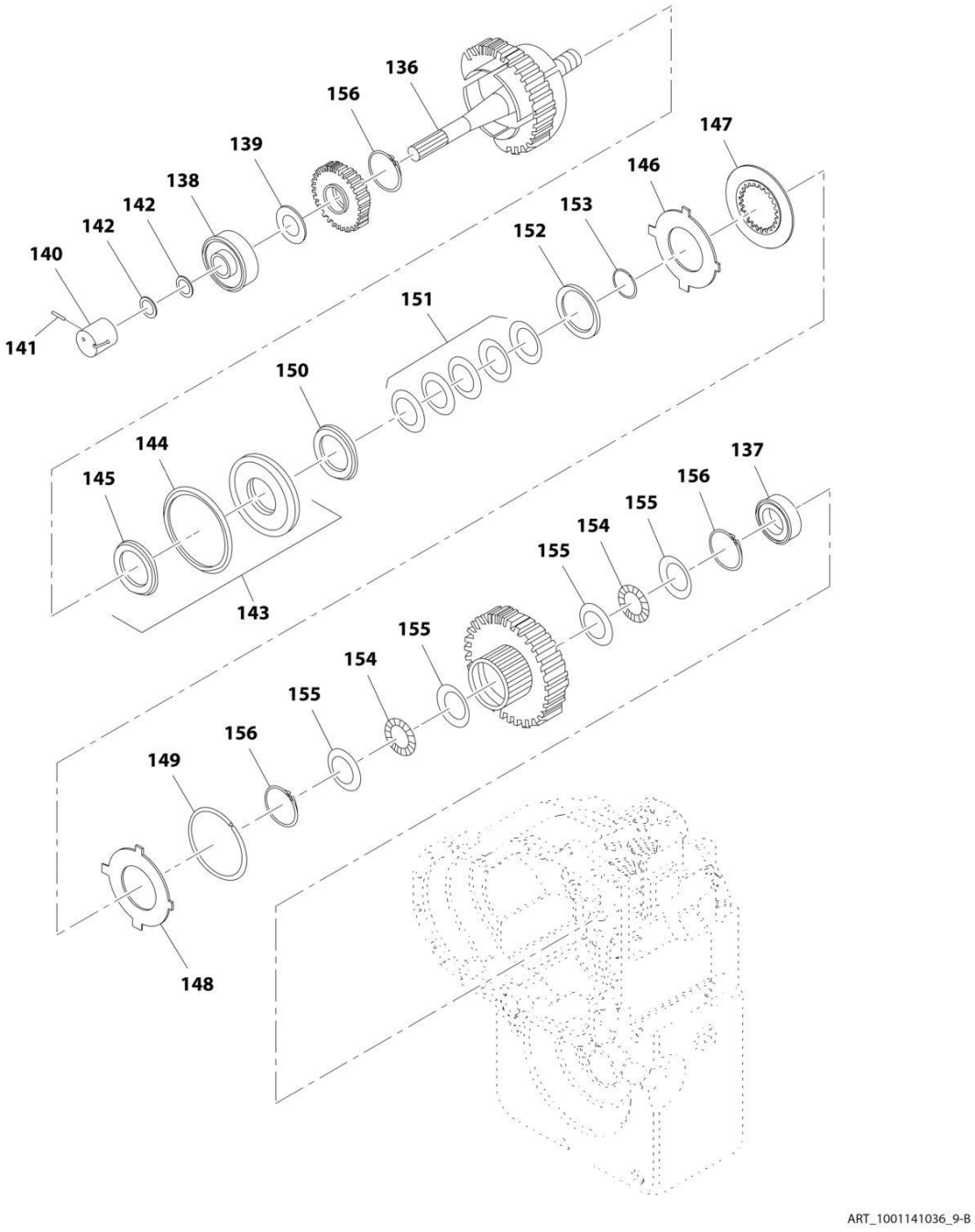


FIGURE 5-101. POWERSHIFT TRANSMISSION, 3RD SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, 3RD SHAFT	
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 5-102. POWERSHIFT TRANSMISSION, 1ST & 2ND SHAFT

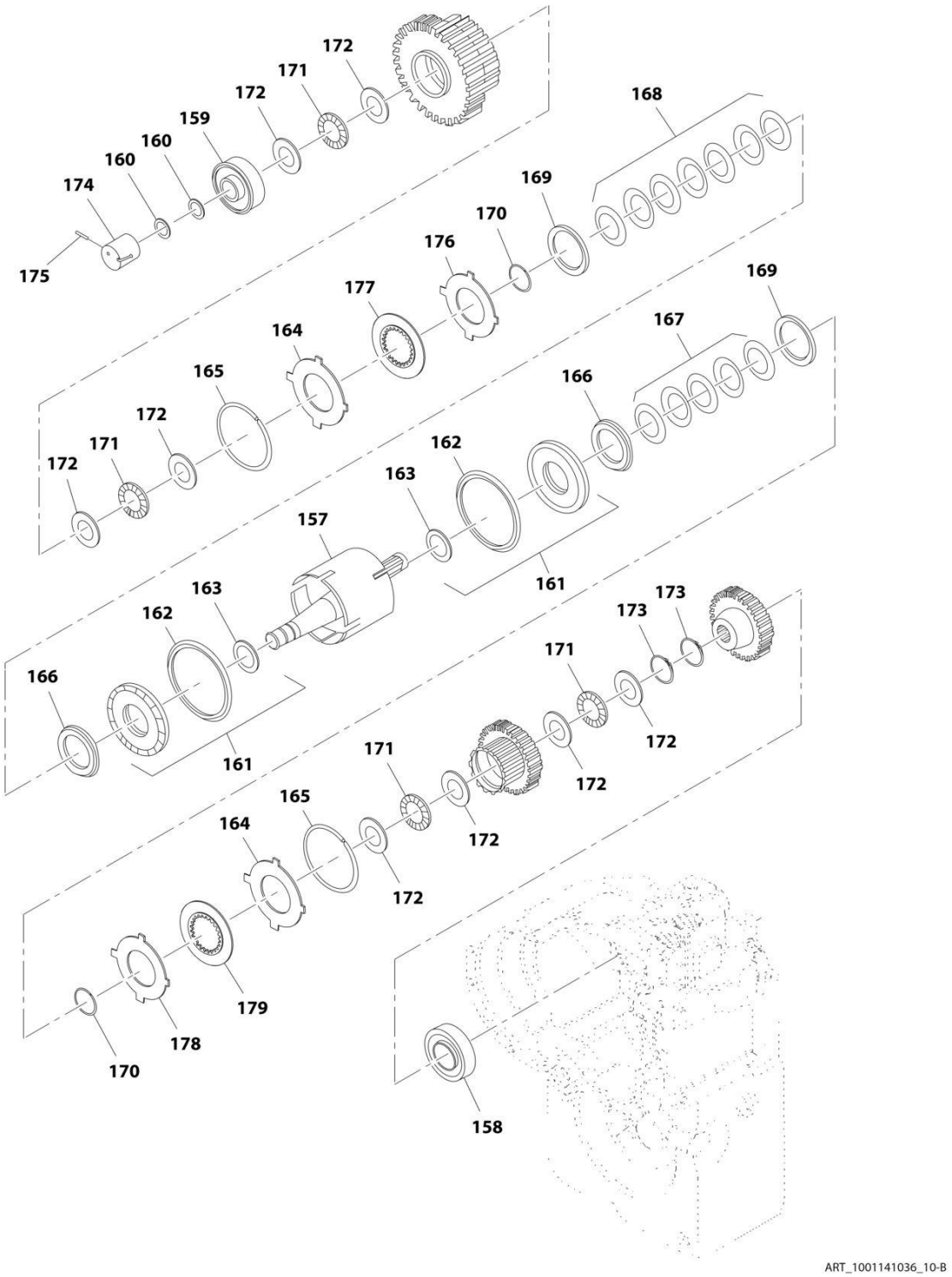


FIGURE 5-102. POWERSHIFT TRANSMISSION, 1ST & 2ND SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, 1ST & 2ND SHAFT	
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 5-103. POWERSHIFT TRANSMISSION, OUTPUT SHAFT

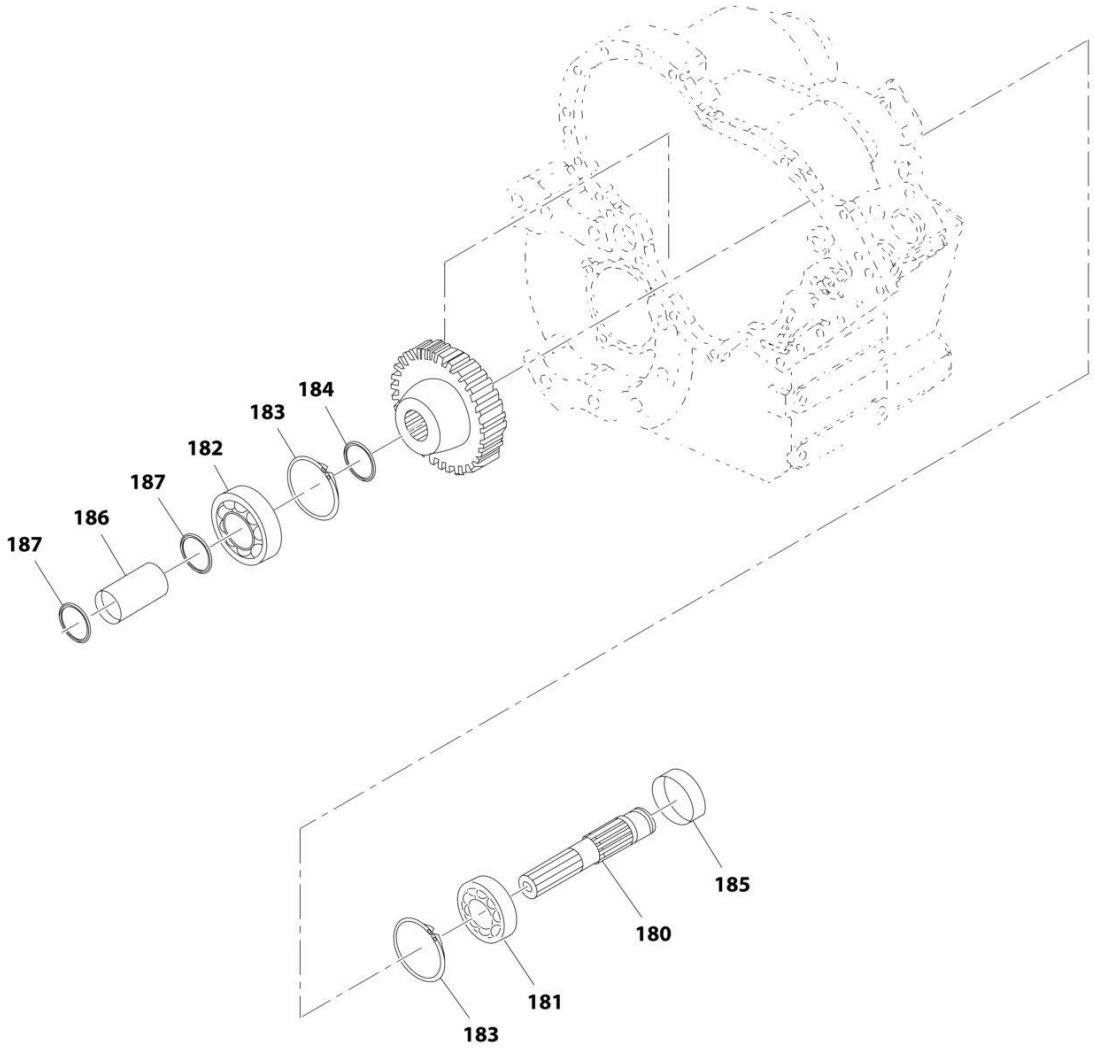


FIGURE 5-103. POWERSHIFT TRANSMISSION, OUTPUT SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, OUTPUT SHAFT	
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 5-104. POWERSHIFT TRANSMISSION, DROP BOX

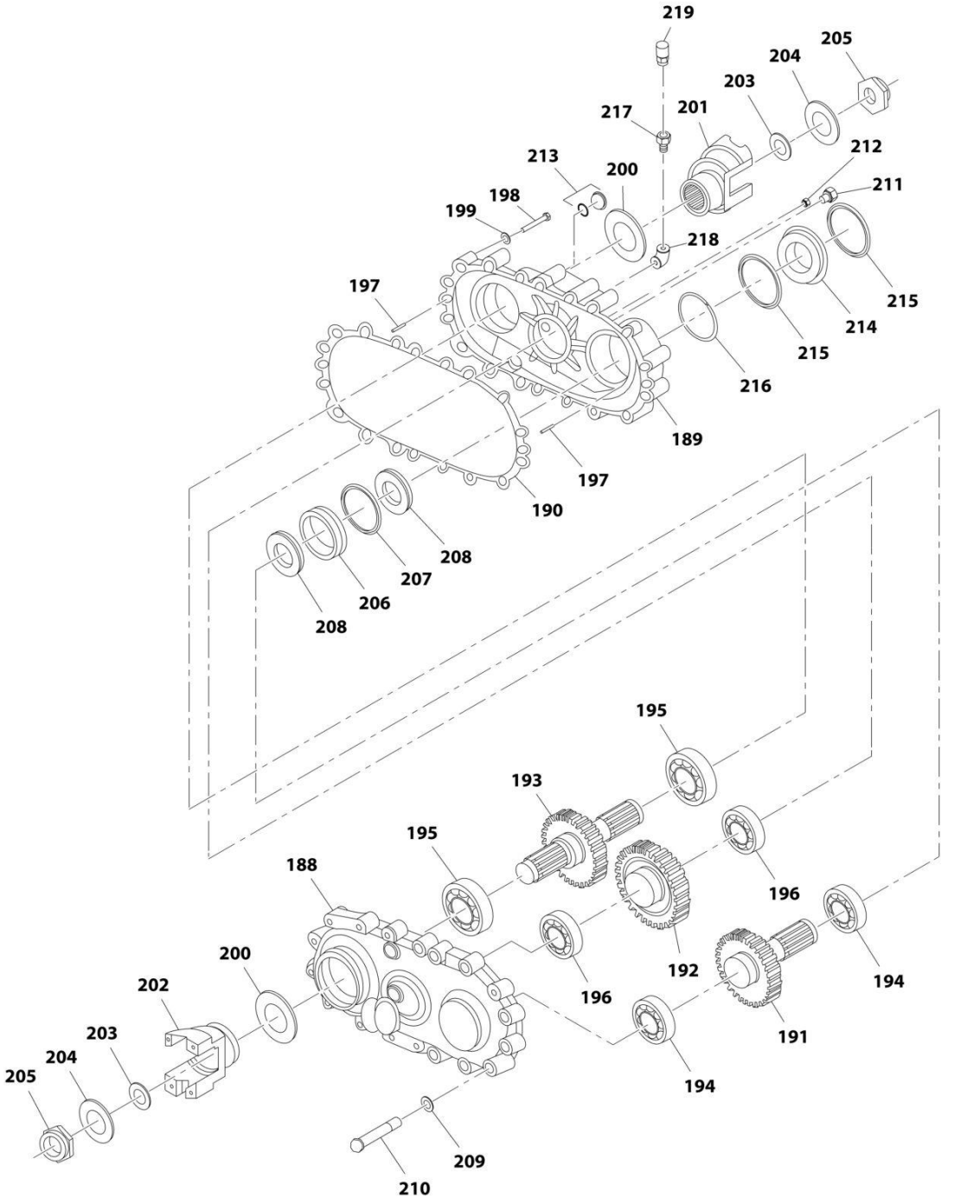


FIGURE 5-104. POWERSHIFT TRANSMISSION, DROP BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, DROP BOX	
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 5-105. POWERSHIFT TRANSMISSION, CONTROL

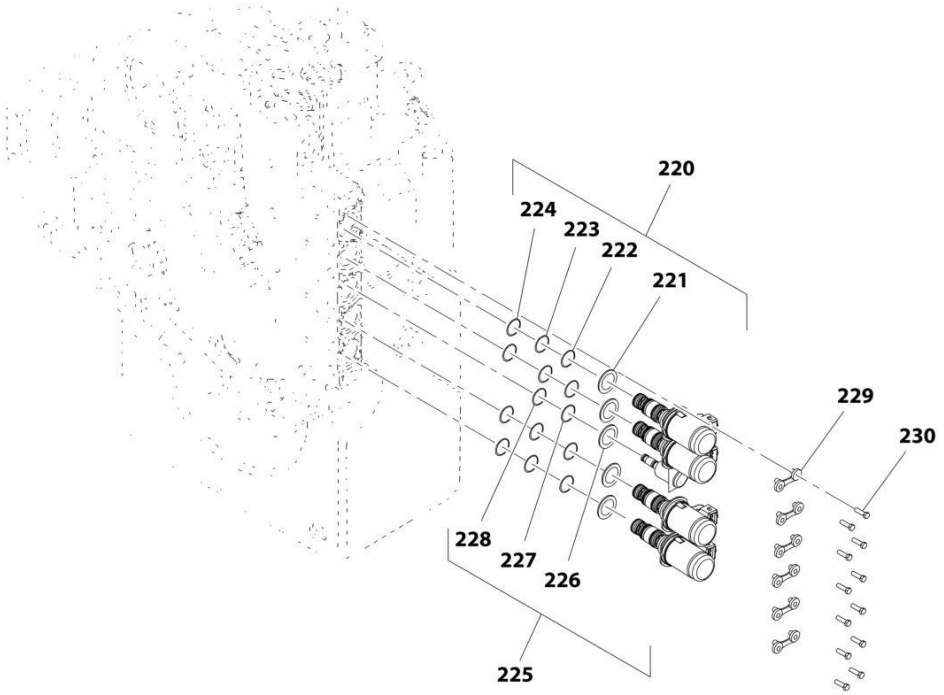
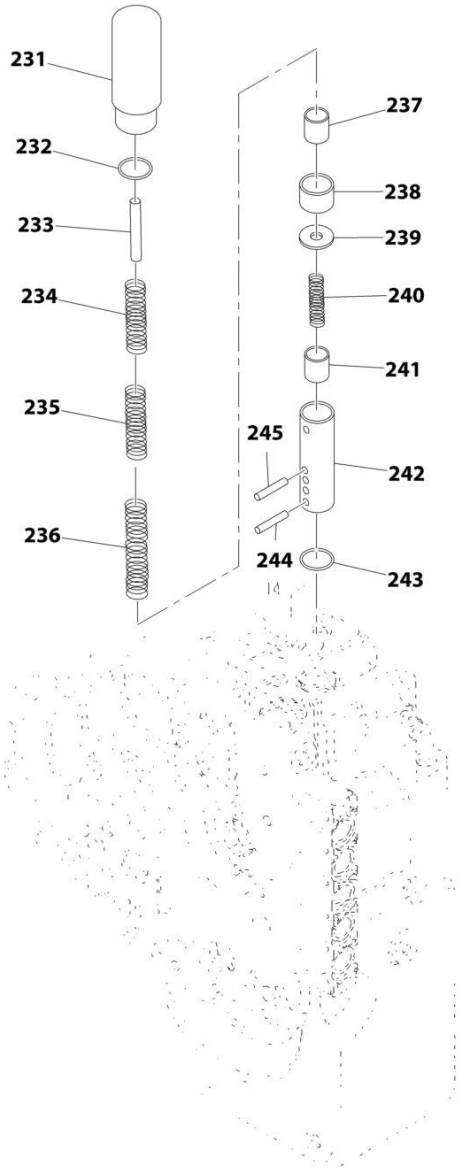


FIGURE 5-105. POWERSHIFT TRANSMISSION, CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, CONTROL	
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 5-106. POWERSHIFT TRANSMISSION, MODULATION VALVE



ART_1001141036_14-B

FIGURE 5-106. POWERSHIFT TRANSMISSION, MODULATION VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, MODULATION VALVE	
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 5-107. POWERSHIFT TRANSMISSION, DRIVE PLATE

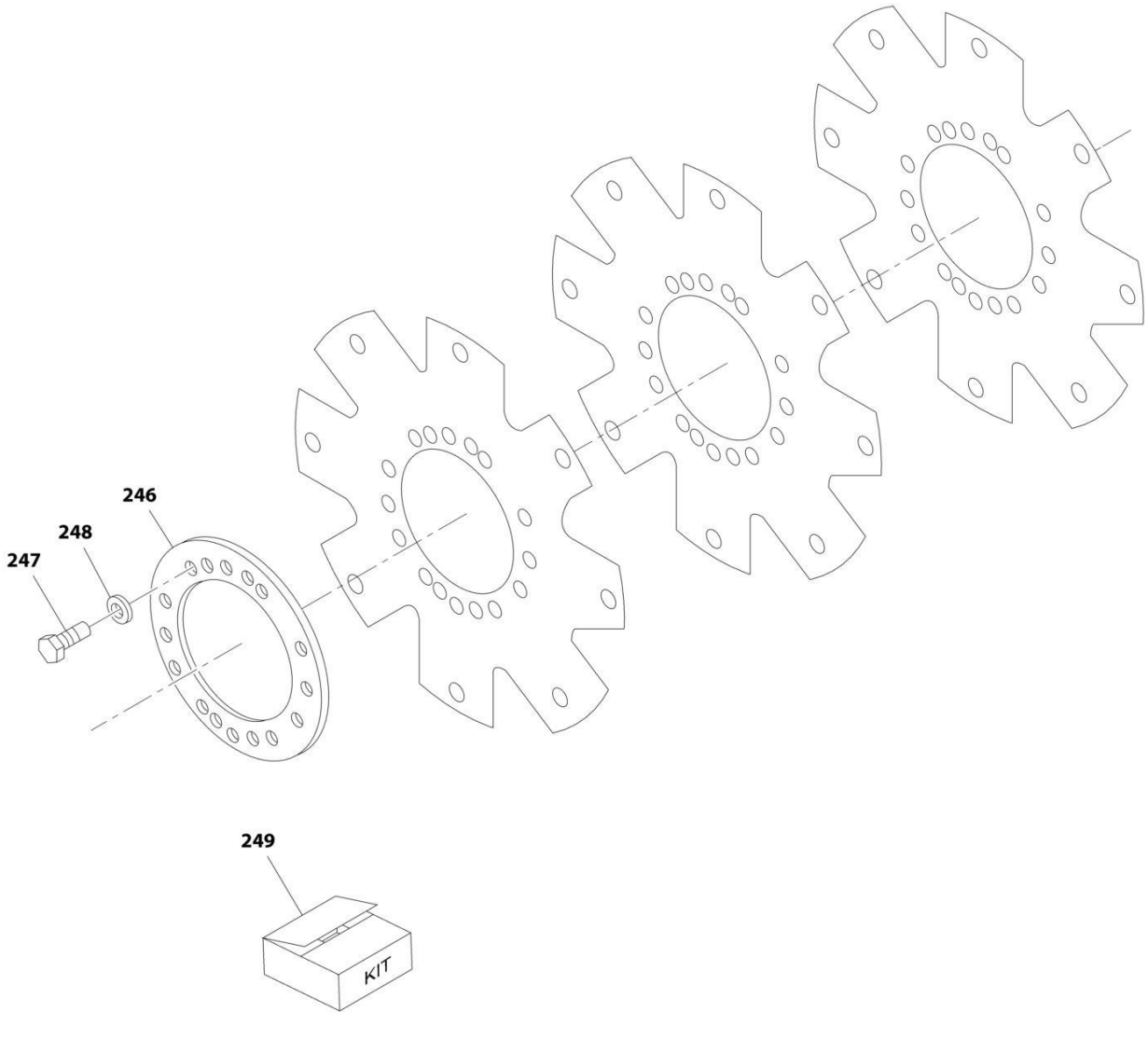


FIGURE 5-107. POWERSHIFT TRANSMISSION, DRIVE PLATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141036	Ref	TRANSMISSION, DRIVE PLATE	
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 5-108. POWERSHIFT TRANSMISSION

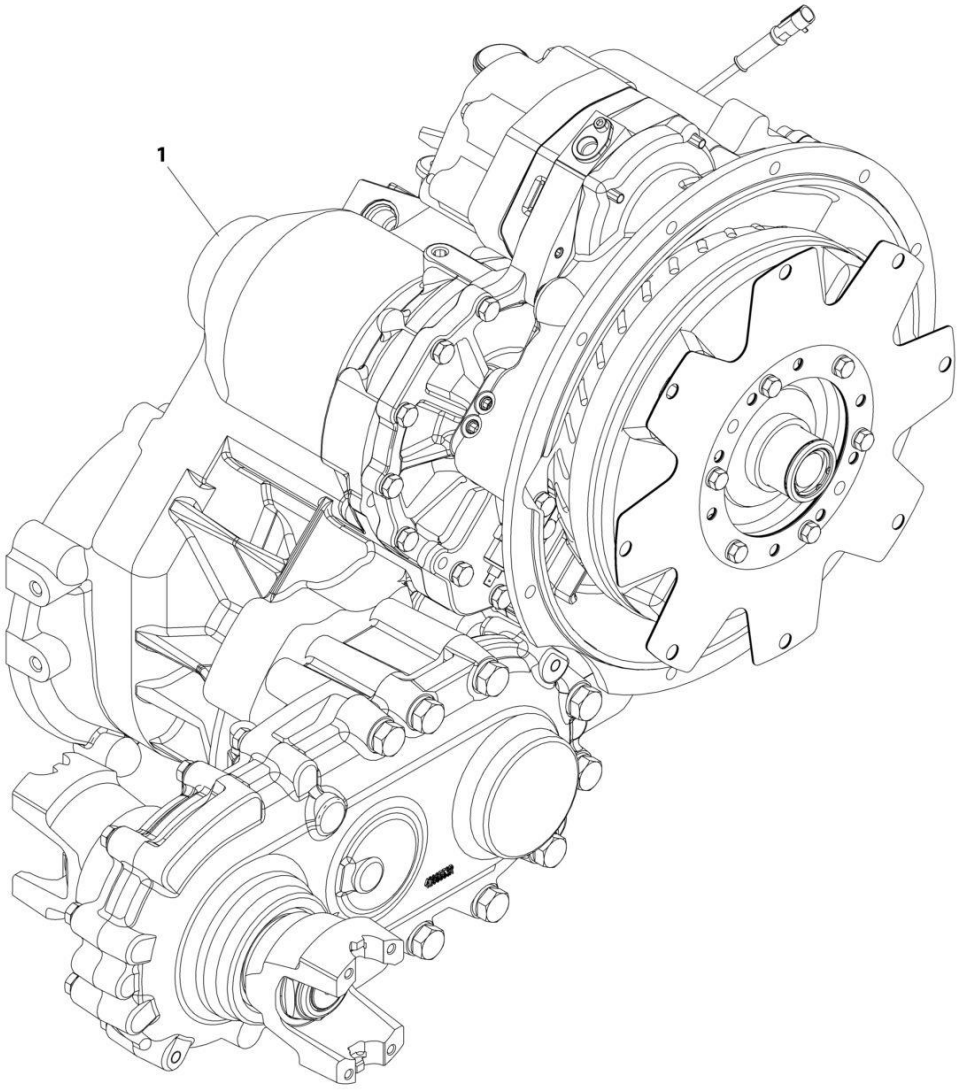


FIGURE 5-108. POWERSHIFT TRANSMISSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001192001	Ref	Powershift Transmission	C
		Ref	Converter Housing (See Separate Breakdown in this Section)	
		Ref	Transmission Case Group (See Separate Breakdown in this Section)	
		Ref	Torque Converter Group (See Separate Breakdown in this Section)	
		Ref	Gear Group (See Separate Breakdown in this Section)	
		Ref	Pump Drive Group (See Separate Breakdown in this Section)	
		Ref	Charging Pump Group (See Separate Breakdown in this Section)	
		Ref	Reverse Idler Group (See Separate Breakdown in this Section)	
		Ref	Forward and Reverse Shaft Group (See Separate Breakdown in this Section)	
		Ref	3rd Shaft Group (See Separate Breakdown in this Section)	
		Ref	1st and 2nd Shaft Group (See Separate Breakdown in this Section)	
		Ref	Output Shaft Group (See Separate Breakdown in this Section)	
		Ref	Dropbox Group (See Separate Breakdown in this Section)	
		Ref	Control Group (See Separate Breakdown in this Section)	
		Ref	Modulation Valve Assembly (See Separate Breakdown in this Section)	
		Ref	Drive Plate Group (See Separate Breakdown in this Section)	

FIGURE 5-109. POWERSHIFT TRANSMISSION, CONVERTER HOUSING

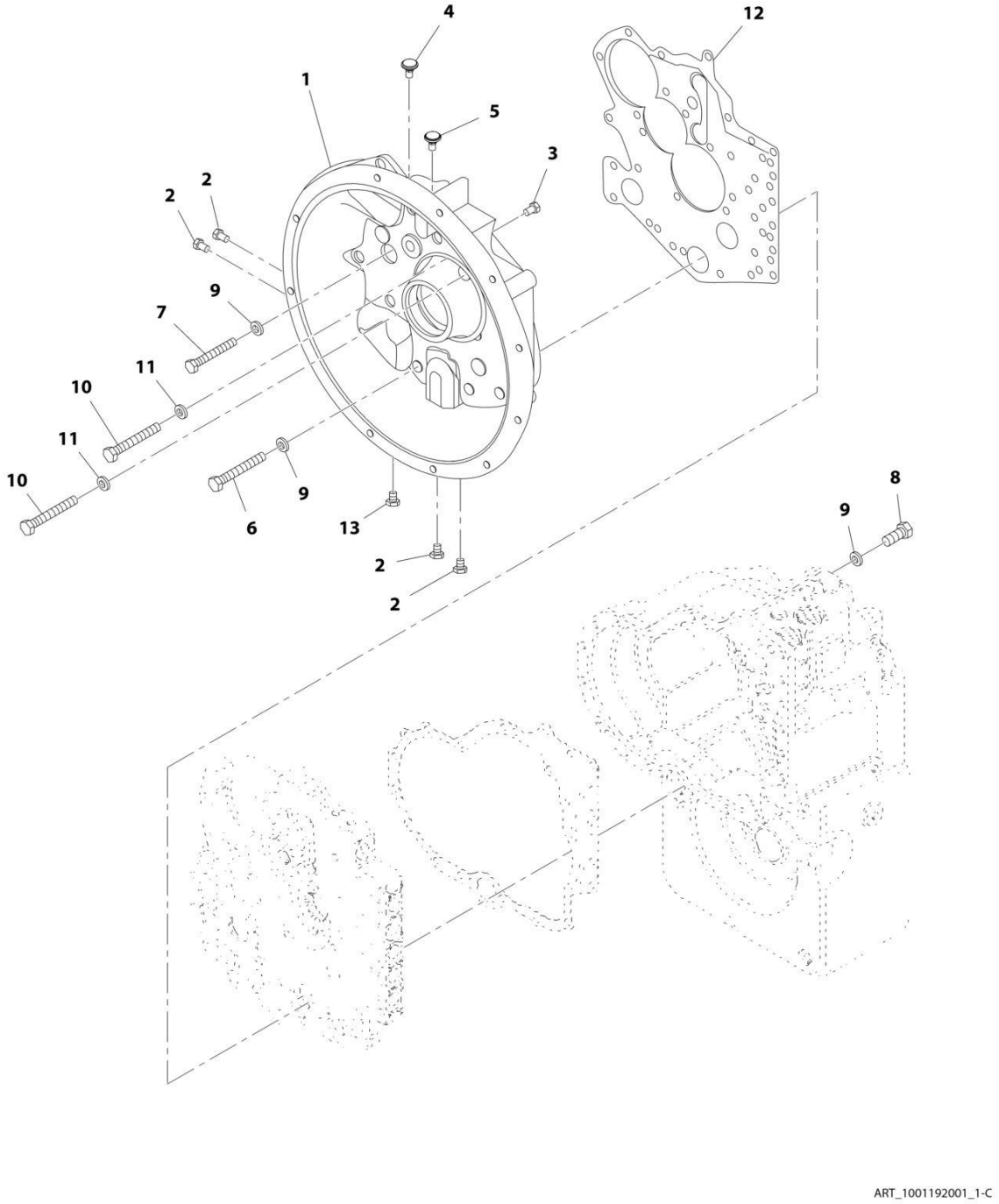


FIGURE 5-109. POWERSHIFT TRANSMISSION, CONVERTER HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, CONVERTER HOUSING	
1	91474186	1	Converter Housing	
2	8032526	4	Plug With O-Ring	
3	91474189	1	Plug	
4	8032526	1	Plug With O-Ring	
5	91474192	1	Plug	
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	Temperature Switch	

FIGURE 5-110. POWERSHIFT TRANSMISSION, TRANSMISSION CASE

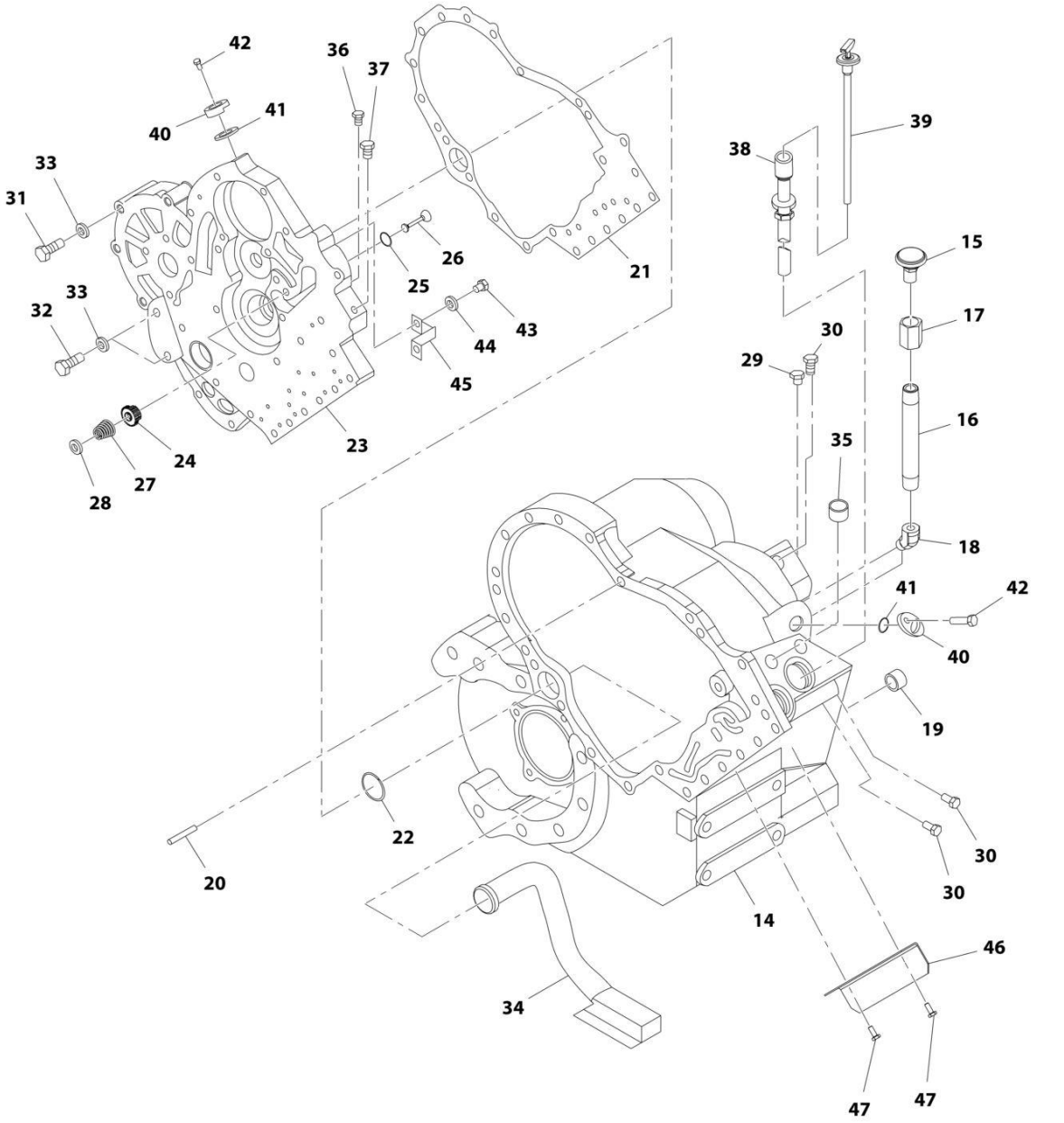


FIGURE 5-110. POWERSHIFT TRANSMISSION, TRANSMISSION CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, TRANSMISSION CASE	
14	70020402	1	Transmission Case	
15	8032509	1	Breather	
16	7028058	1	Pipe Nipple	
17	91474198	1	Pipe Coupling	
18	91474199	1	Fitting, Elbow	
19	8032528	2	Plug	
21	91474200	2	Pin	
22	10868213	1	Gasket	
23	10837074	1	Ring	
24	7029822	1	Plate	
25	8034963	1	Safety Valve	
26	91474205	1	Snap Ring	
27	91474206	1	Poppet	
28	8034962	1	Spring	
29	8034961	1	Washer	
30	91474189	1	Plug	
31	8032526	3	Plug With O-Ring	
32	91474208	7	Screw	
33	91474209	2	Screw	
34	91474265	9	Lockwasher	
35	91474210	1	Assembly Suction Tube	
36	91474211	1	Plug	
37	91474189	1	Plug	
38	91474192	1	Plug	
39	90204823	1	Dipstick Tube	
40	70020403	1	Dipstick, Cold Level	
41	91474213	2	Plug	
42	91474214	2	O-Ring	
43	8034940	2	Screw	
44	91474617	2	Capscrew	
45	91474618	2	Washer	
46	70025575	1	Safety Valve Baffle	
47	70020405	1	Plate	
48	70020406	2	Bolt, M6	

FIGURE 5-111. POWERSHIFT TRANSMISSION, TORQUE CONVERTER

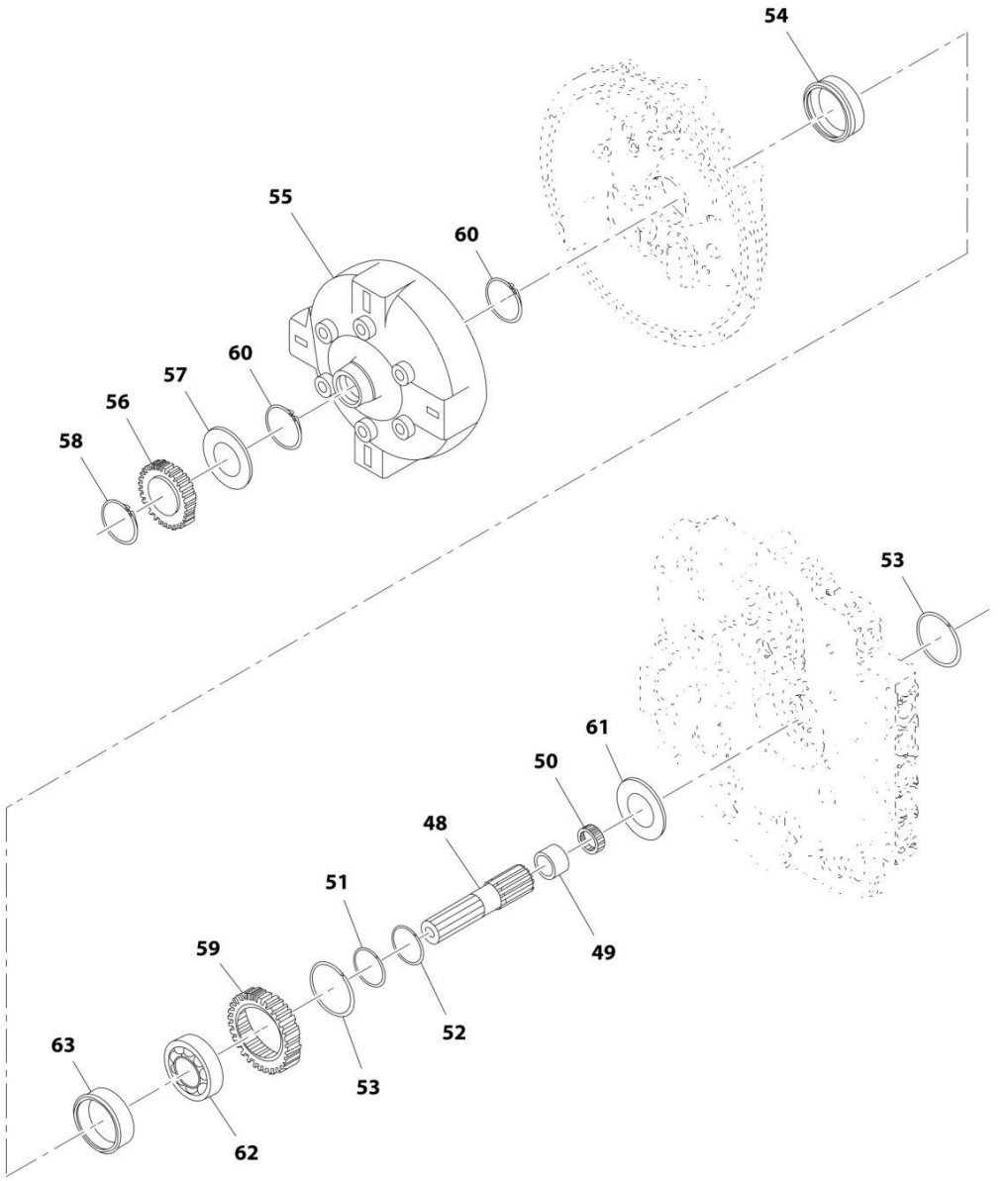


FIGURE 5-111. POWERSHIFT TRANSMISSION, TORQUE CONVERTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, TORQUE CONVERTER	
49	10868239	1	Stator Support Assembly	
50	91474217	1	Bushing	
51	91474218	1	Bearing	
52	91474219	1	Ring	
53	91474220	1	Expander, Ring	
54	91474221	2	Snap Ring	
55	10837072	1	Seal	
56	7028055	1	Torque Converter	
57	90204781	1	Plug	
58	77104039	1	O-Ring	
59	77104041	1	Snap Ring	
60	91474224	1	Gear	
61	8034968	2	Snap Ring	
62	91474226	1	Washer	
63	10868235	1	Bearing	
64	91474228	1	Ring	

FIGURE 5-112. POWERSHIFT TRANSMISSION, GEAR GROUP

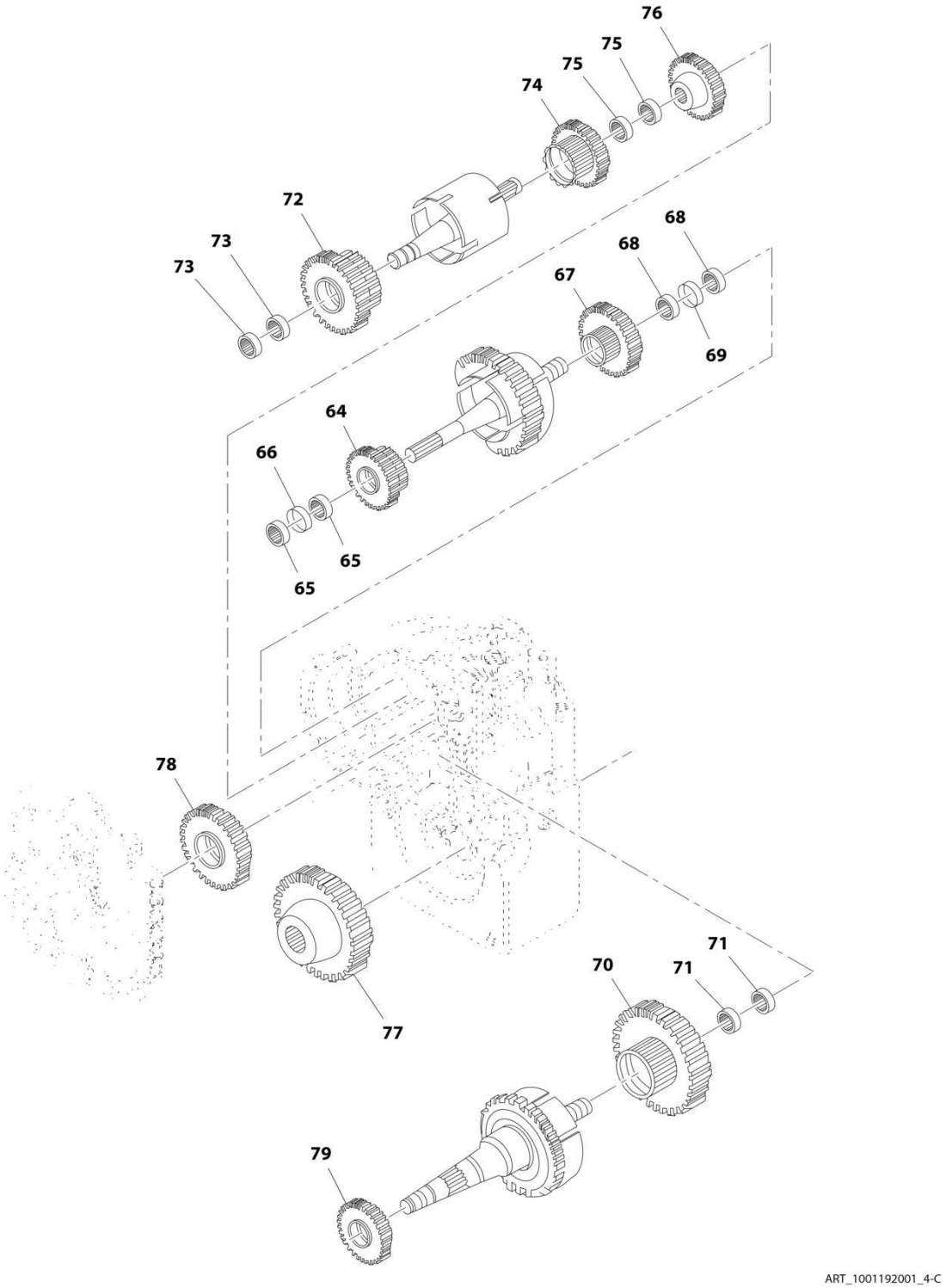


FIGURE 5-112. POWERSHIFT TRANSMISSION, GEAR GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, GEAR GROUP	
65	91474237	1	Reverse Gear And Bearing	
66	91474230	2	Bearing Needle	
67	91474231	1	Spacer	
68	91474232	1	Forward Gear & Bearing	
69	91474230	2	Bearing Needle	
70	91474231	1	Spacer	
71	91474389	1	3rd Clutch Gear & Bearing	
72	91474236	2	Bearing Needle	
73	91474237	1	1st Clutch Gear & Bearing	
74	91474230	2	Bearing Needle	
75	91474239	1	2nd Clutch Gear & Bearing	
76	91474230	2	Bearing Needle	
77	91474393	1	Gear 3rd Driven	
78	91474394	1	Gear Output Shaft	
79	91474238	1	Gear Reverse Idler	
80	91474240	1	Gear First Drive	

FIGURE 5-113. POWERSHIFT TRANSMISSION, PUMP DRIVE

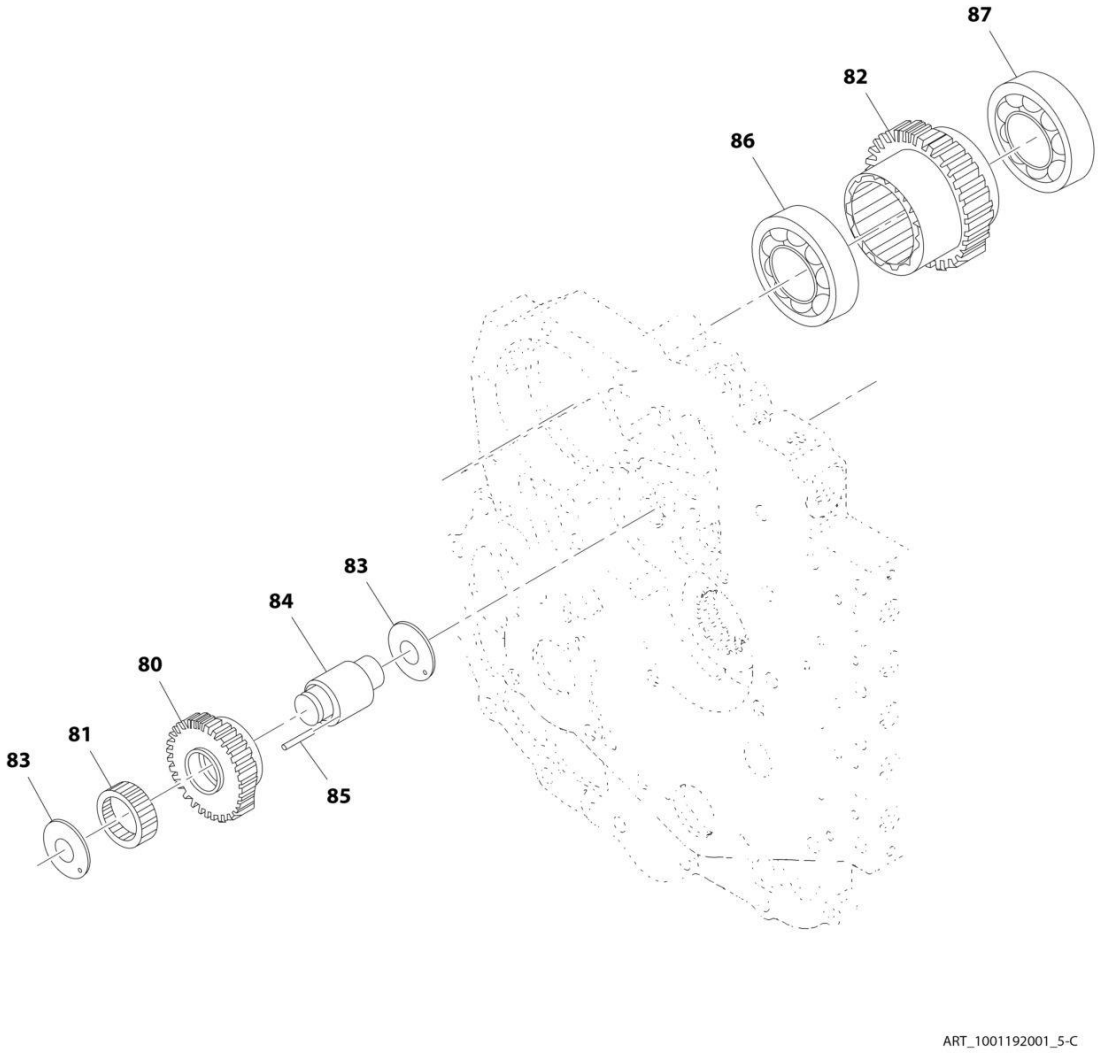


FIGURE 5-113. POWERSHIFT TRANSMISSION, PUMP DRIVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, PUMP DRIVE	
81	91474241	1	Pump Drive Idler Gear	
82	91474242	1	Bearing	
83	91474243	1	Pump Drive Gear	
84	10868243	2	Washer	
85	91474245	1	Pump Drive Shaft	
86	10868248	1	Pin	
87	91474247	1	Bearing	
88	91474248	1	Bearing	

FIGURE 5-114. POWERSHIFT TRANSMISSION, CHARGING PUMP

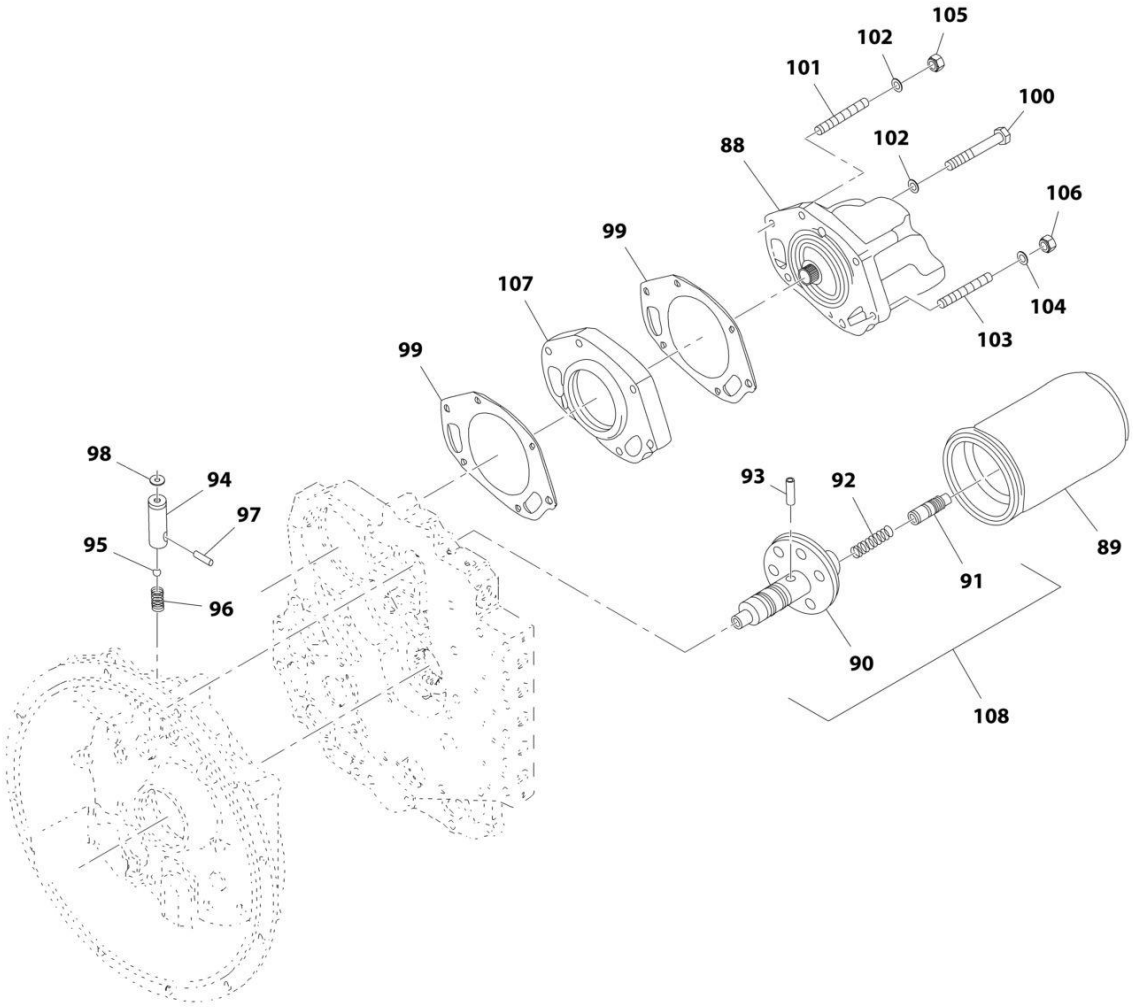


FIGURE 5-114. POWERSHIFT TRANSMISSION, CHARGING PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, CHARGING PUMP	
89	70020407	1	Charging Pump	
90	91474250	1	Hydraulic Spin Filter	
91	91474251	1	Sleeve	
92	91474252	1	Piston	
93	91474253	1	Spring	
94	91474254	1	Pin	
95	8034947	1	Ball Check Valve	
96	91474256	1	Ball	
97	91474257	1	Spring	
98	91474258	1	Pin	
99	91474259	1	O-Ring	
100	10868254	2	Gasket	
101	7028063	4	Screw	
102	91474262	1	Stud	
103	91474263	5	Lockwasher	
104	91474264	1	Stud	
105	91474265	1	Lockwasher	
106	91474266	1	Nut	
107	91474274	1	Nut	
108	91474268	1	Adaptor	
109	91474273	2	Reg Valve Comes	

FIGURE 5-115. POWERSHIFT TRANSMISSION, REVERSE IDLER

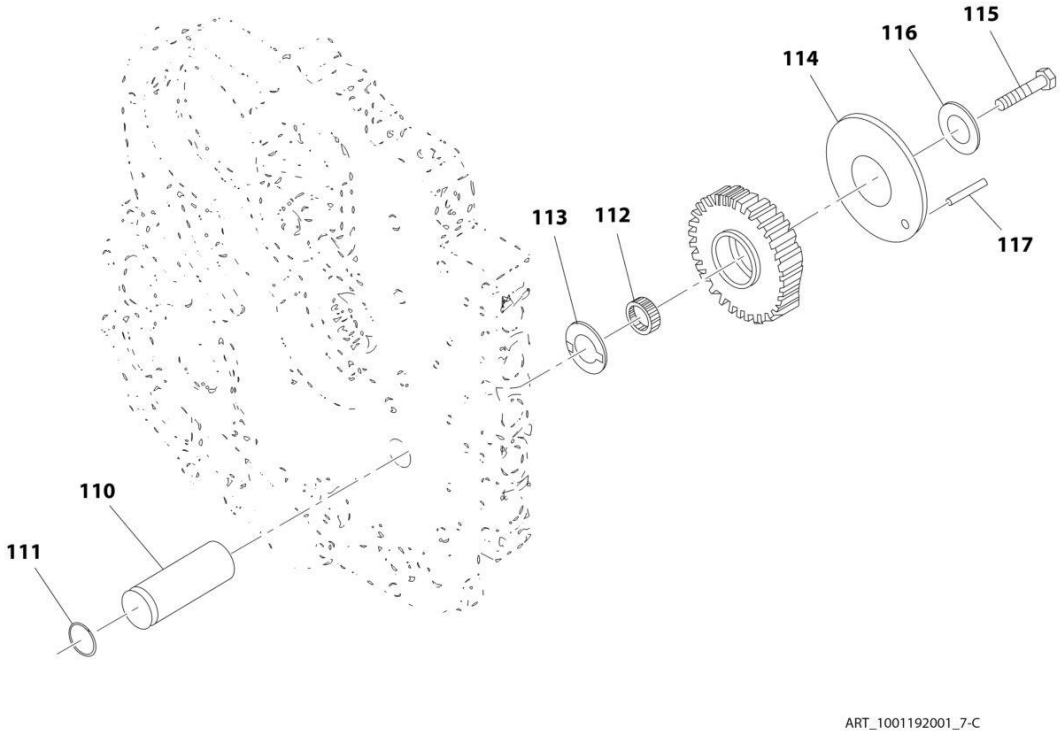


FIGURE 5-115. POWERSHIFT TRANSMISSION, REVERSE IDLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, REVERSE IDLER	
110	91474275	1	Idler & Pilot Shaft	
111	91474276	1	Snap Ring	
112	91474277	1	Bearing	
113	91474278	1	Washer	
114	91474279	1	Plate	
115	91474280	1	Capscrew	
116	91474281	1	Washer	
117	91474282	1	Roll Pin	

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

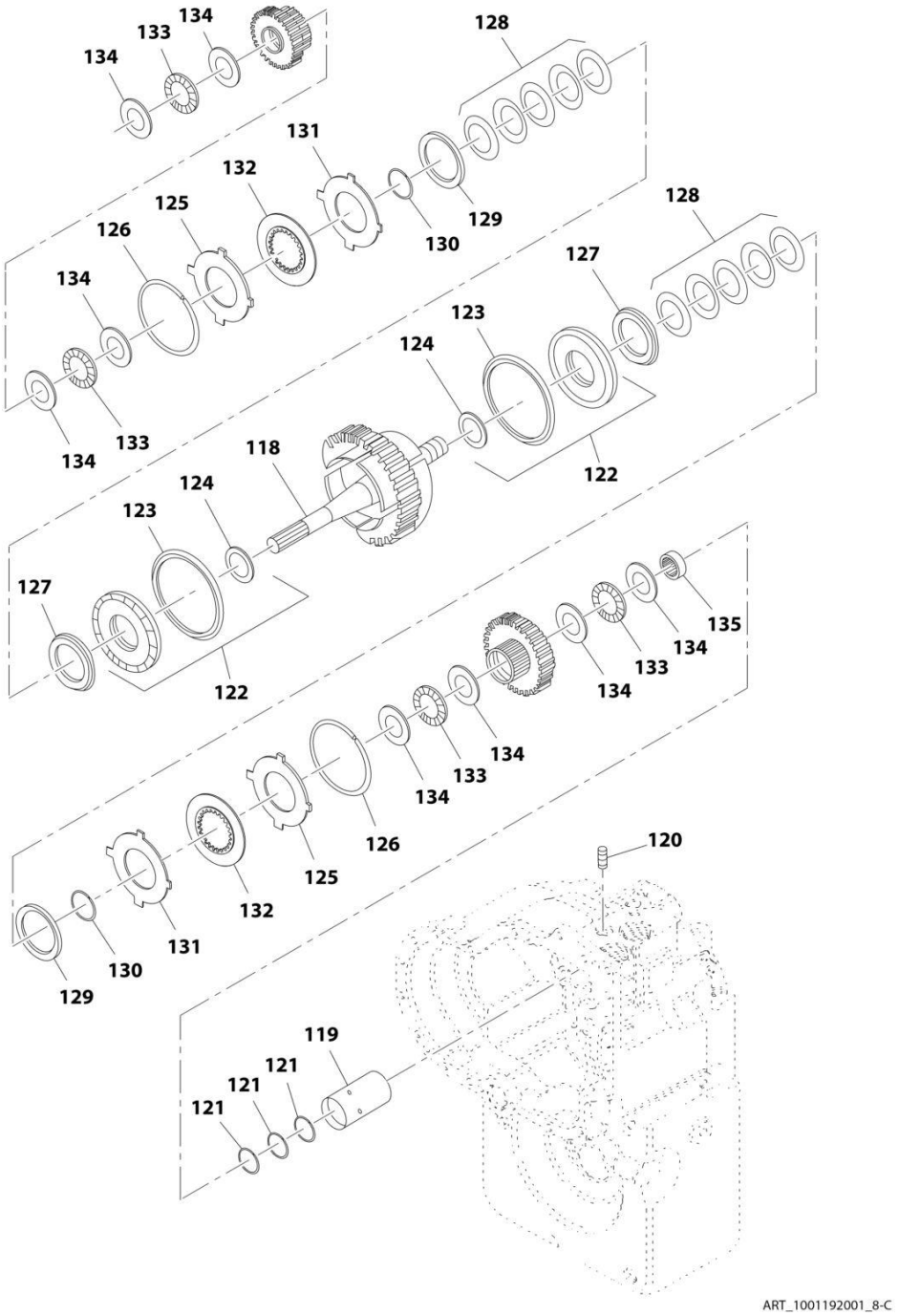


FIGURE 5-116. POWERSHIFT TRANSMISSION, FORWARD AND REVERSE SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, FORWARD AND REVERSE SHAFT	
118	91474283	1	Turbine Shaft, Drum & Plug	
119	91474284	1	Sleeve	
120	8035035	1	Screw	
121	10837060	3	Ring	
122	91474287	2	Piston And Seals	
123	91474288	2	Seal	
124	91474289	2	Seal	
125	91474290	2	End Plate	
126	91474309	2	Snap Ring	
127	10868277	2	Clutch Plate	
128	91474310	2	Disc Spring Assembly	
129	91474294	2	Snap Ring	
130	91474295	2	Snap Ring	
131	91474296	12	Outer Disc	
132	91474297	12	Inner Disc	
133	91474298	4	Bearing	
134	91474299	8	Washer	
135	91474300	1	Bearing	

FIGURE 5-117. POWERSHIFT TRANSMISSION, 3RD SHAFT

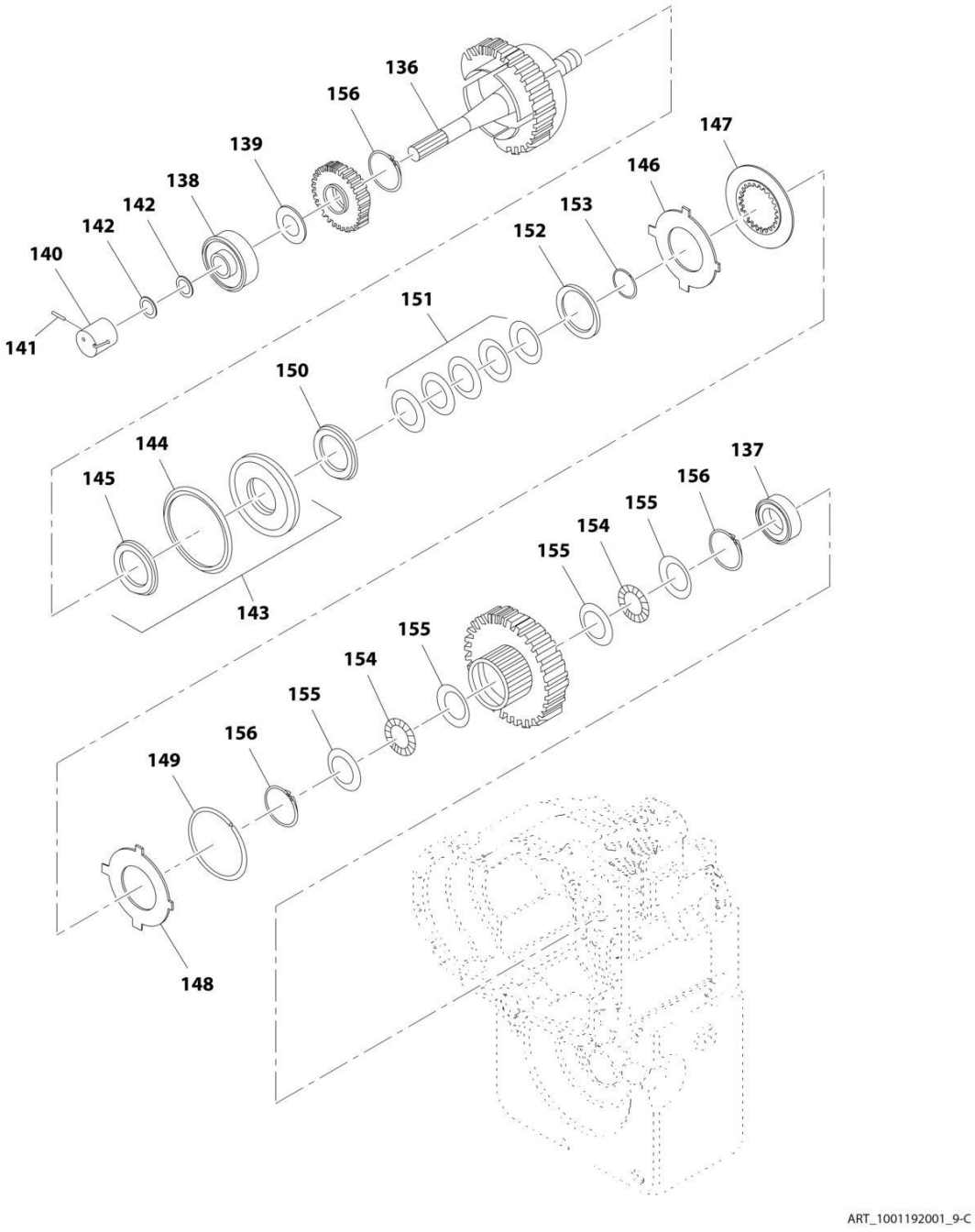


FIGURE 5-117. POWERSHIFT TRANSMISSION, 3RD SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, 3RD SHAFT	
136	91474301	1	3rd Shaft	
137	91474302	1	Bearing	
138	91474303	1	Bearing & Seal	
139	91474304	1	Washer	
140	10868284	1	Sleeve	
141	91474306	1	Screw	
142	10837060	2	Ring	
143	91474307	1	Clutch Piston	
144	91474288	1	Seal	
145	91474289	1	Seal	
146	91474296	5	Outer Disc	
147	91474297	5	Inner Disc	
148	91474290	1	Plate	
149	91474309	1	Snap Ring	
150	10868277	1	Plate	
151	91474310	1	Disc Spring	
152	91474294	1	Snap Ring	
153	91474295	1	Snap Ring	
154	91474311	2	Bearing	
155	91474312	4	Washer	
156	91474313	3	External Snap Ring	

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

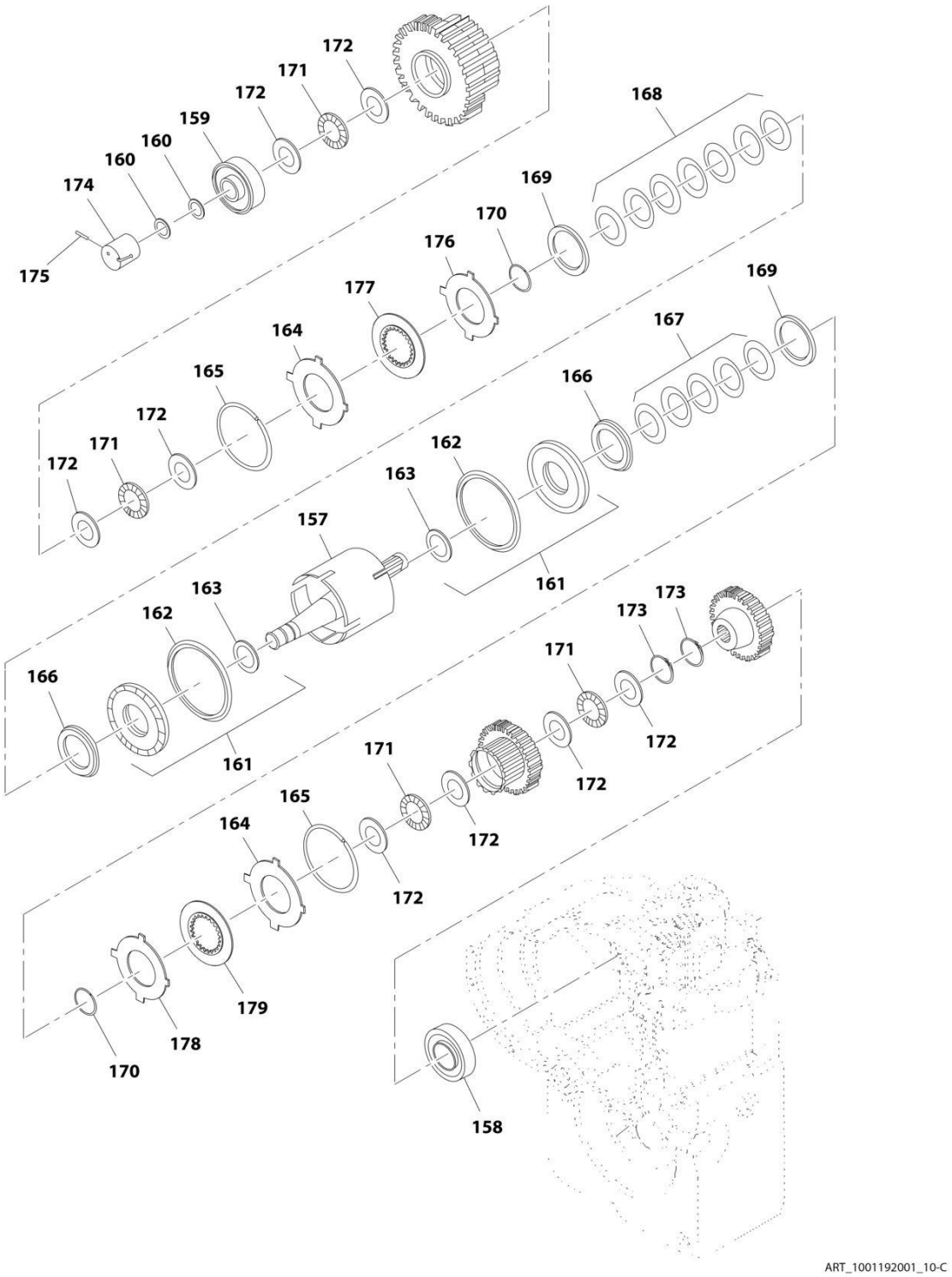


FIGURE 5-118. POWERSHIFT TRANSMISSION, 1ST & 2ND SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, 1ST & 2ND SHAFT	
157	91474314	1	1st and 2nd Shaft	
158	91474315	1	Bearing	
159	91474303	1	Bearing & Seal	
160	10837060	2	Ring	
161	91474316	2	Piston & Seals	
162	91474288	2	Seal	
163	91474289	2	Seal	
164	91474290	2	Plate	
165	91474309	2	Snap Ring	
166	10868277	2	Wear Plate	
167	91474310	1	Disc Spring 2nd	
168	91474317	1	Disc Spring 1st	
169	91474294	2	Snap Ring	
170	91474295	2	Snap Ring	
171	91474298	4	Bearing	
172	91474299	8	Washer	
173	91474318	2	Snap Ring	
174	91474319	1	Sleeve	
175	91474306	1	Screw	
176	91474296	10	Outer Disc	
177	91474297	10	Inner Disc	
178	91474296	5	Outer Disc	
179	91474297	5	Inner Disc	

FIGURE 5-119. POWERSHIFT TRANSMISSION, OUTPUT SHAFT

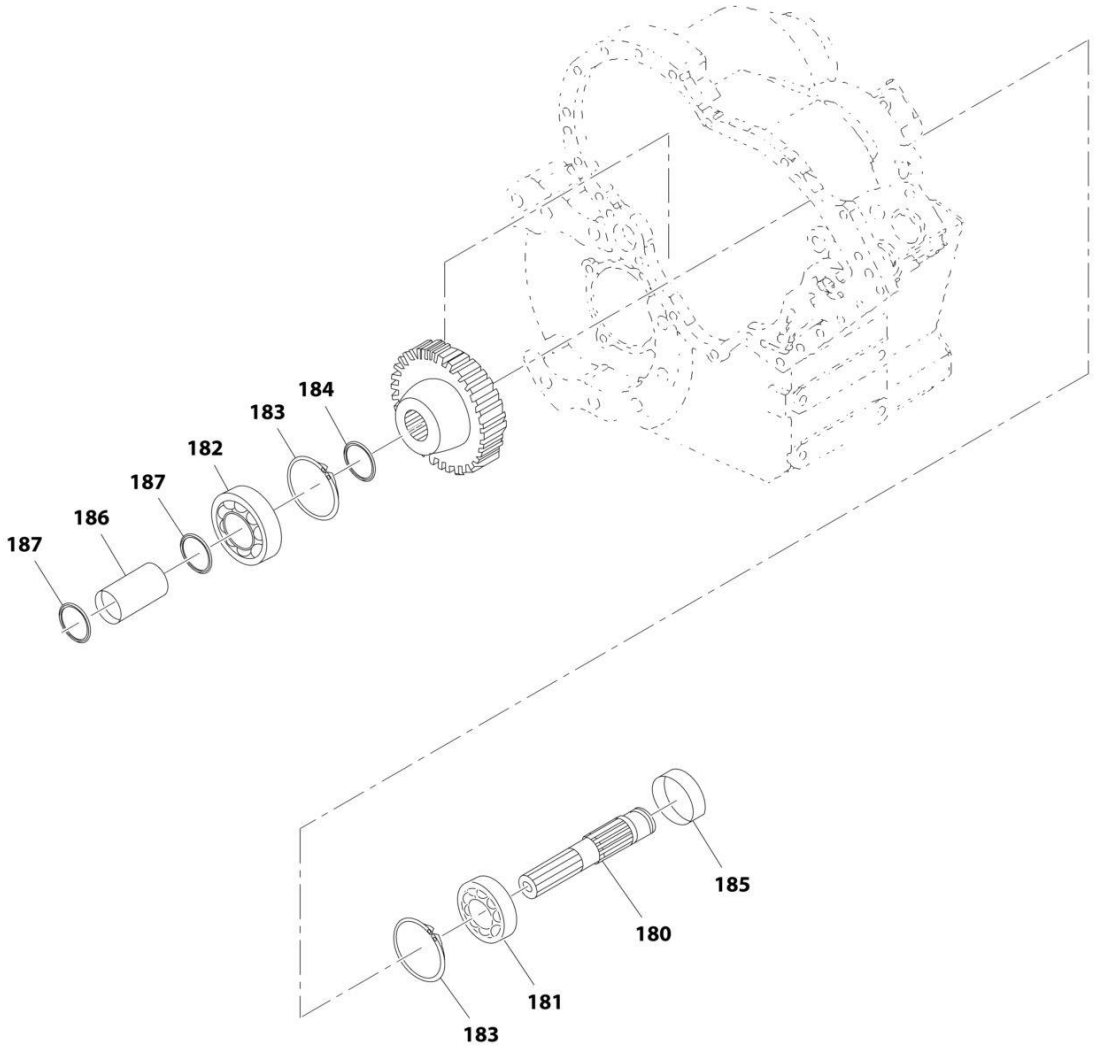


FIGURE 5-119. POWERSHIFT TRANSMISSION, OUTPUT SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, OUTPUT SHAFT	
180	91474320	1	Output Shaft	
181	10723509	1	Ball Bearing	
182	77104081	1	Bearing	
183	91474321	2	Snap Ring	
184	10868292	1	Snap Ring	
185	91474323	1	End Plug	
186	91474324	1	Coupling	
187	91474313	2	Snap Ring	

FIGURE 5-120. POWERSHIFT TRANSMISSION, DROP BOX

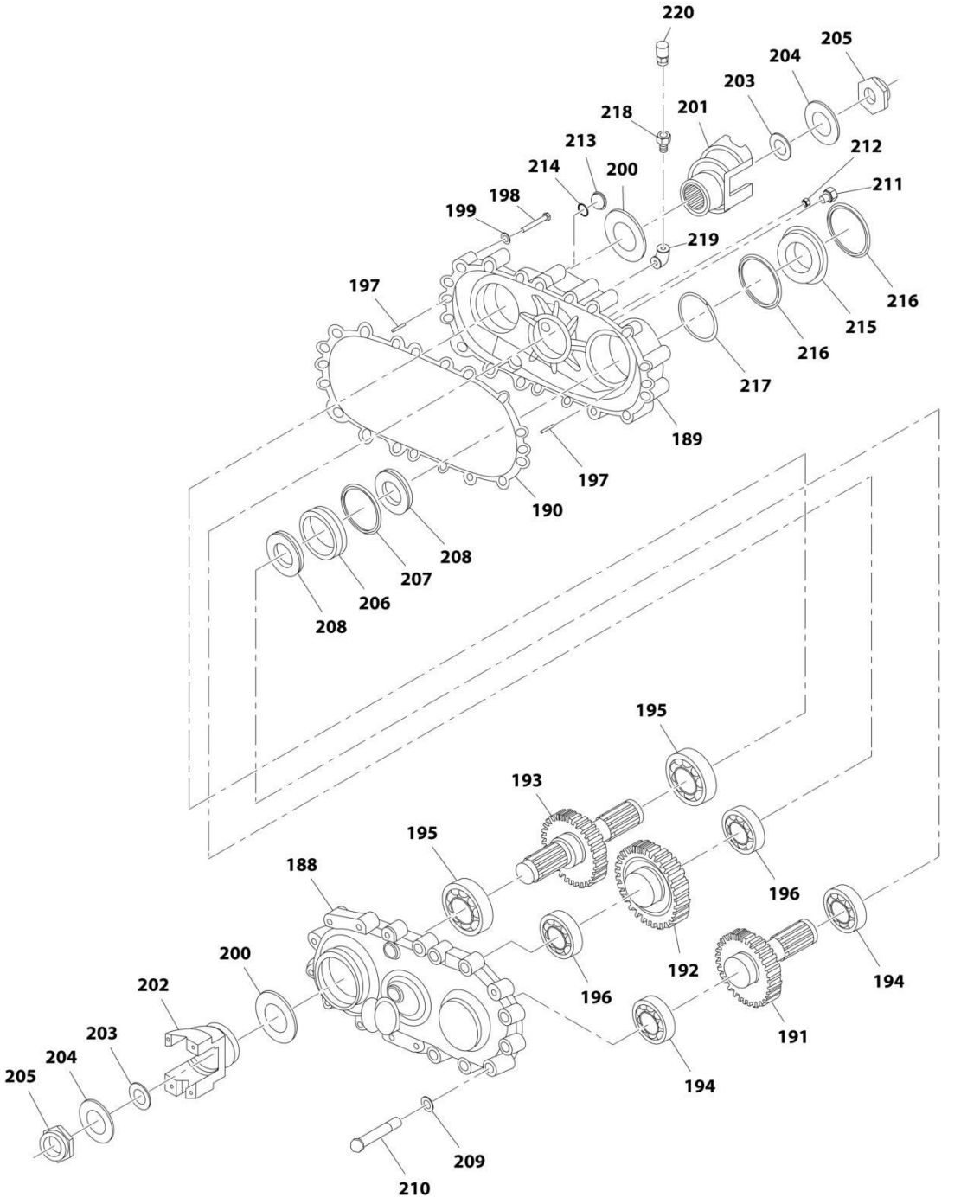


FIGURE 5-120. POWERSHIFT TRANSMISSION, DROP BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, DROP BOX	
188	91474358	1	Front Cover	
189	91474359	1	Rear Cover	
190	91474360	1	Gasket	
191		Ref	Input Shaft	
192		Ref	Ilder Gear Shaft	
193		Ref	Output Shaft	
194	91474364	2	Bearing	
195	91474365	2	Rear Bearing	
196	91474366	2	Roller Bearing	
197	91474200	2	Pin	
198	91474209	10	Capscrew	
199	91474265	10	Lockwasher	
200	91474367	2	Oil Seal	
201	91474368	1	Flange, Rear	
202	7028086	1	Flange, Front	
203	91474369	2	O-Ring	
204	91474370	2	Washer	
205	91474371	2	Nut	
206	91474372	1	Sleeve	
207	91474373	1	O-Ring	
208	91474374	2	Seal Oil	
209	91474375	8	Lock Washer	
210	91474376	8	Screw M16	
211	91474377	1	Oil Level Glass	
212	8007824	1	Plug	
213	91474623	1	Plug	
214	91474380	1	O-Ring	
215	91474381	1	Sleeve	
216	91474382	2	O-Ring	
217	91474321	1	Ring Snap	
218	91474600	1	Adapter	
219	91474383	1	Fitting	
220	91474601	1	Breather	

FIGURE 5-121. POWERSHIFT TRANSMISSION, CONTROL

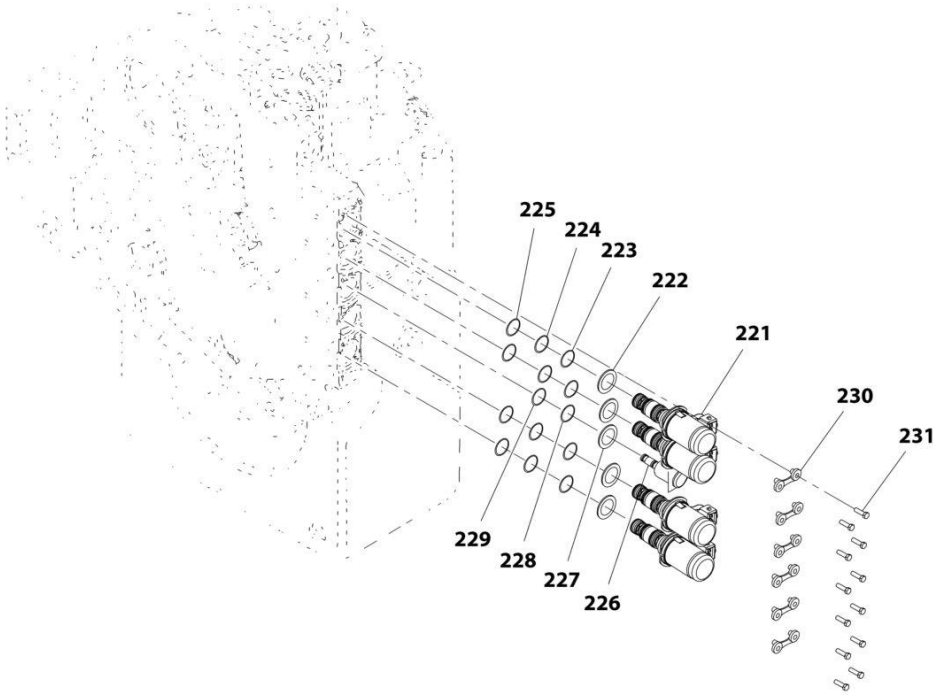
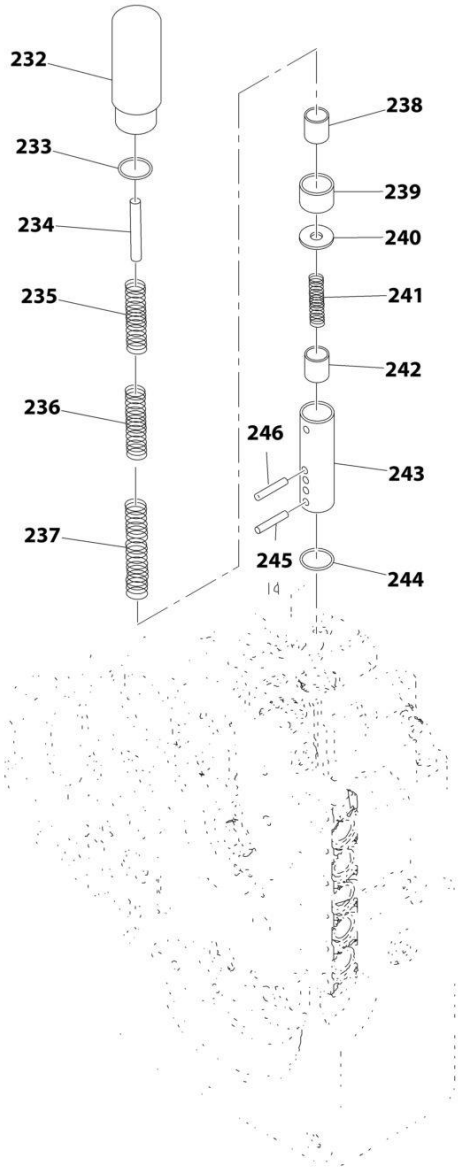


FIGURE 5-121. POWERSHIFT TRANSMISSION, CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, CONTROL	
221	70025576	4	Solenoid	
222	91514288	4	O-Ring	
223	91514289	4	O-Ring	
224	91514290	4	O-Ring	
225	91514291	4	O-Ring	
226	7029459	1	Plug	
227	70020410	1	O-Ring	
228	91514289	1	O-Ring	
229	91514291	1	O-Ring	
230	91514292	6	Clamp	
231	70020411	12	Screw	

FIGURE 5-122. POWERSHIFT TRANSMISSION, MODULATION VALVE



ART_1001192001_14-C

FIGURE 5-122. POWERSHIFT TRANSMISSION, MODULATION VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, MODULATION VALVE	
232	91474338	1	Housing	
233	91474339	1	O-Ring	
234	91474345	1	Pin	
235	91474340	1	Inner Spring	
236	91474341	1	Middle Spring	
237	91474342	1	Outer Spring	
238	91474346	1	Spool	
239	91474349	1	Retainer Spring	
240	91474350	1	Spacer Spring	
241	91474348	1	Modulation Valve Spring	
242	91474347	1	Regulator Spool	
243	91474343	1	Sleeve	
244		Ref	O-Ring	
245	91474352	1	Pin, Lower	
246	91474351	1	Pin, Upper	

FIGURE 5-123. POWERSHIFT TRANSMISSION, DRIVE PLATE

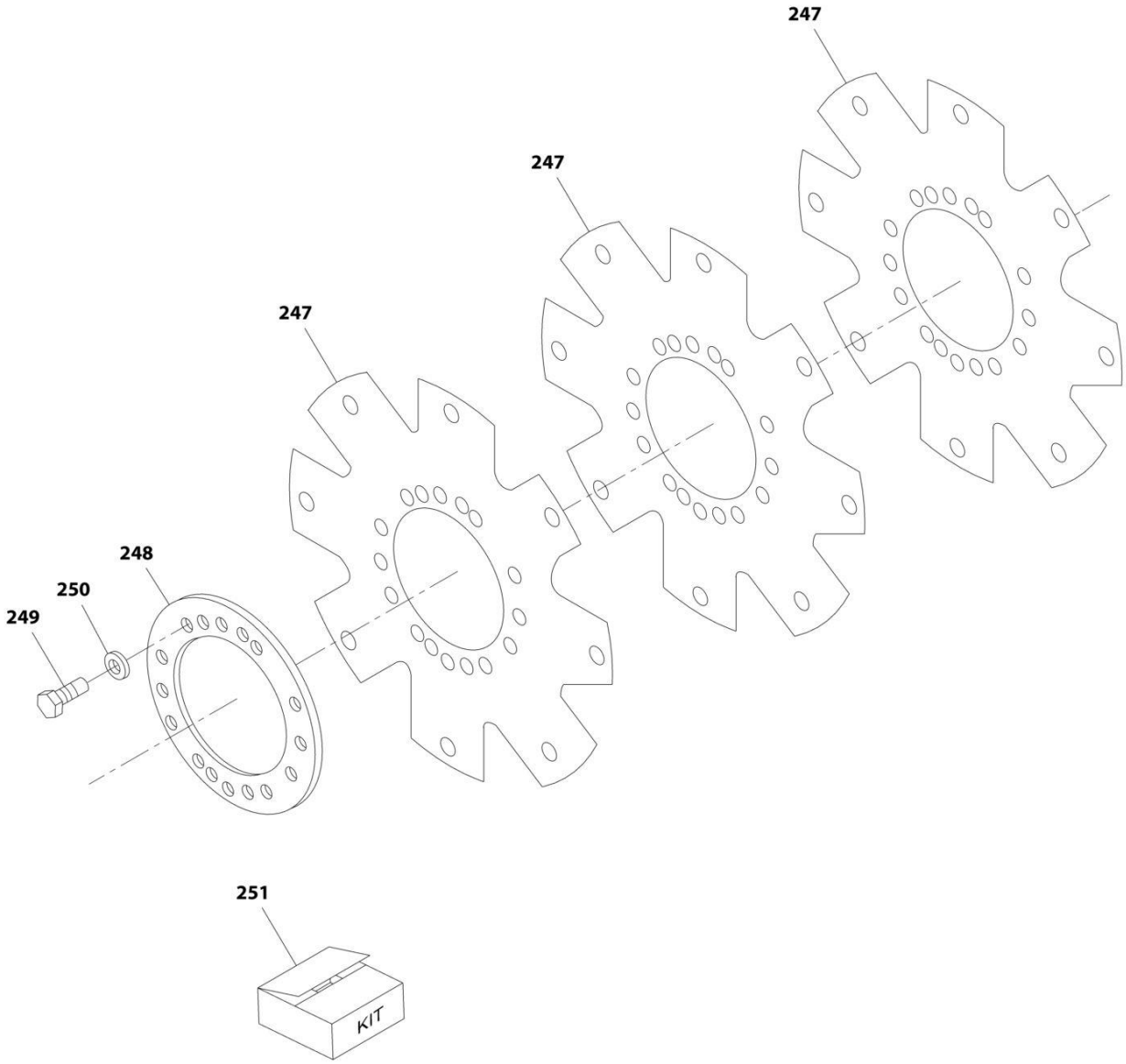


FIGURE 5-123. POWERSHIFT TRANSMISSION, DRIVE PLATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192001	Ref	TRANSMISSION, DRIVE PLATE	
247		Ref	Drive Plate	
248	77104044	1	Drive Ring	
249	91474356	6	Capscrew	
250	4761600	6	Lockwasher	
251	70024222	1	Kit, Drive Plate (includes items 247 thru 250)	

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

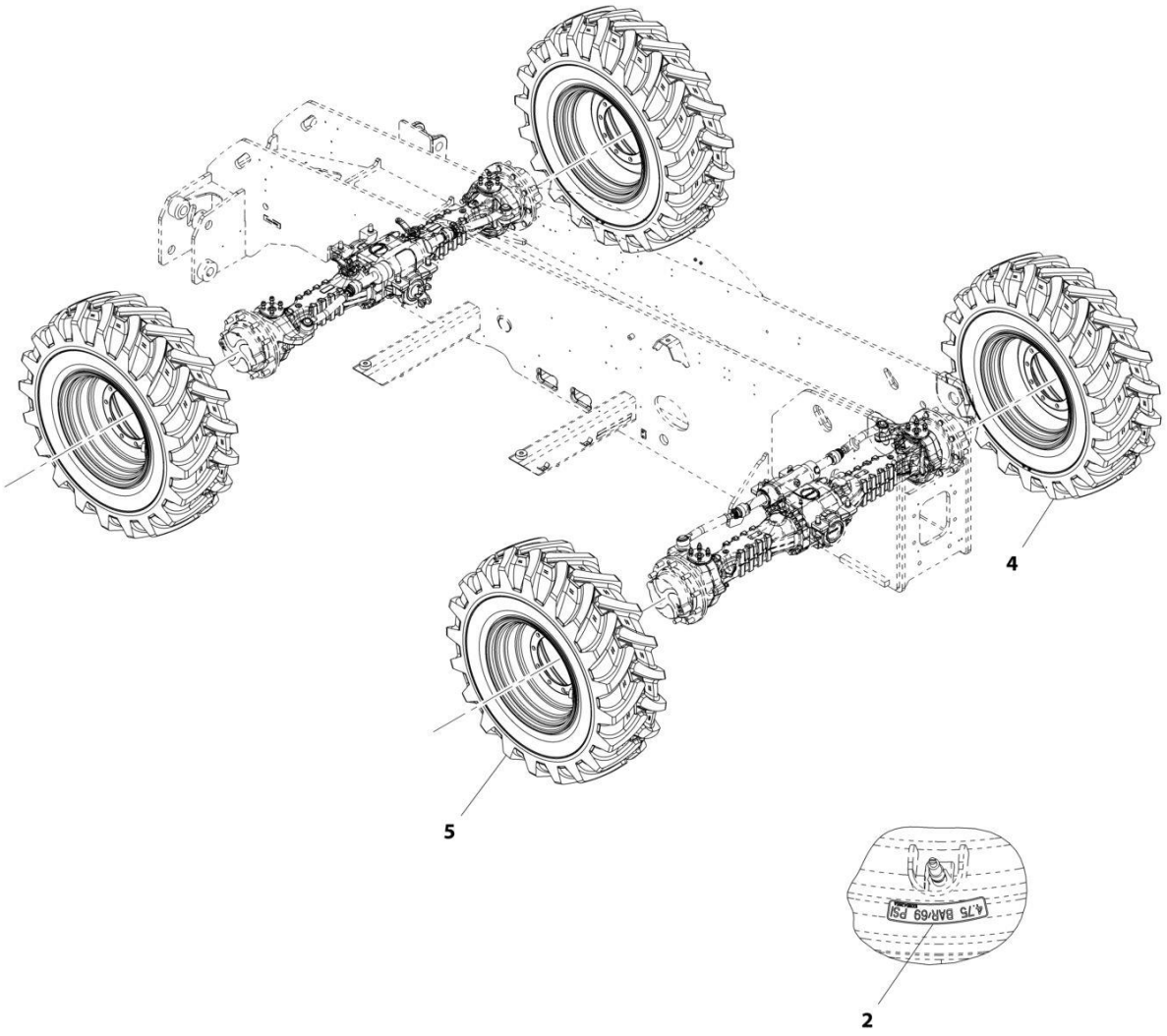


FIGURE 5-124. TIRE WHEEL SET, MITAS 15.5/80-24 (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145606	Ref	Tire Wheel Set, Mitas 15.5/80-24	F
2	1001154265	4	Label, 4.75 BAR	
4	1001217139	2	Wheel Assembly, RH	
4	1001214479	2	Tire (1 per assembly)	
4	1001217143	2	Wheel with Valve (1 per assembly)	
4	1001008719	2	valve, Air (1 per assembly)	
5	1001217141	2	Wheel Assembly, LH	
5	1001214479	2	Tire (1 per assembly)	
5	1001217145	2	Wheel with Valve (1 per assembly)	
5	1001008719	2	valve, Air (1 per assembly)	

FIGURE 5-125. TIRE WHEEL SET, PNEMATIC MITAS 14.00-24 (4017RS)

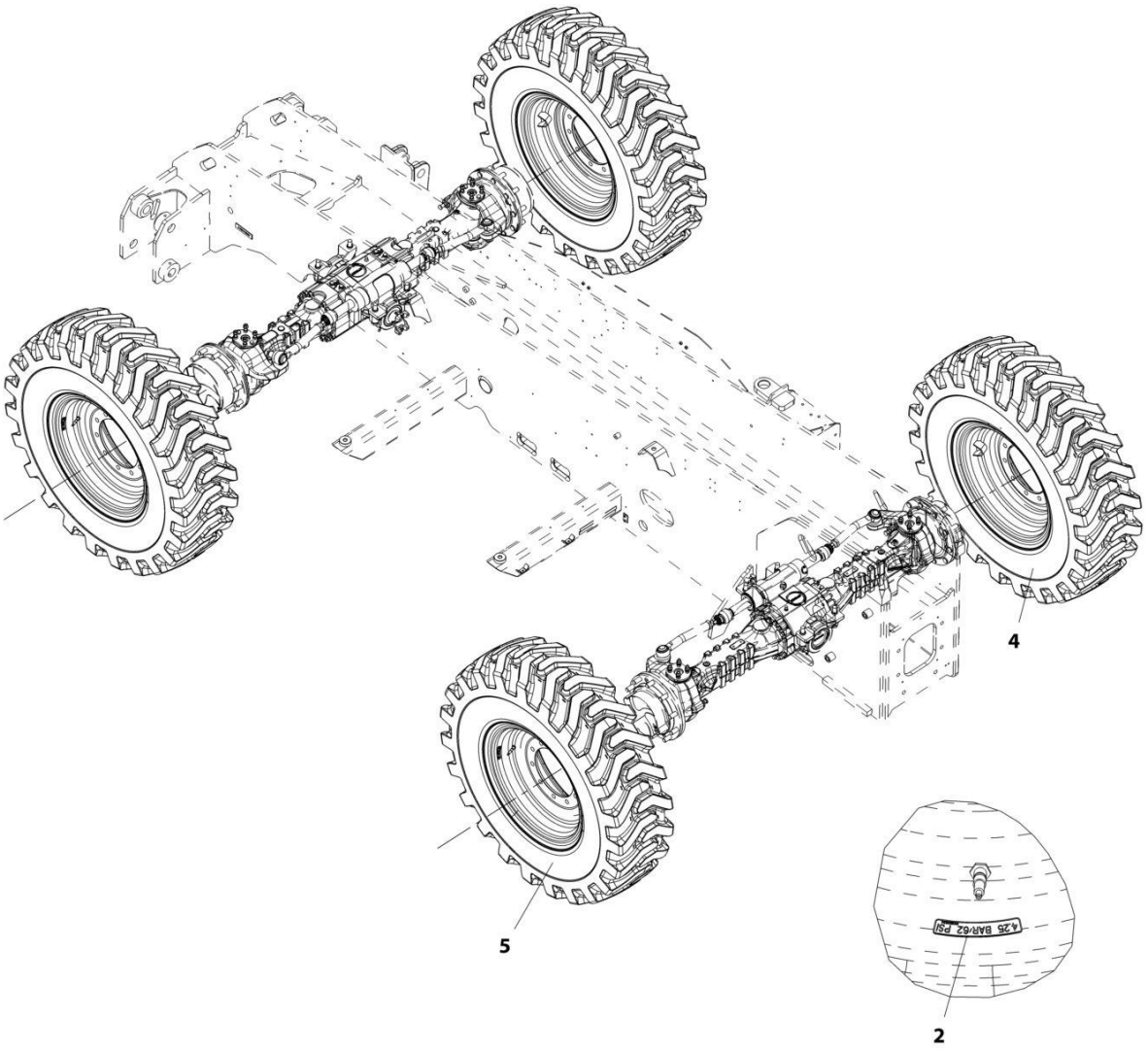


FIGURE 5-125. TIRE WHEEL SET, PNEMATIC MITAS 14.00-24 (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145610	Ref	Tire Wheel Set, Mitas 14.00-24	D
2	1001112924	4	Label, 4.25 Bar	
4	1001145588	2	Wheel Assembly, RH	
4	1001006814	2	Tire (1 per assembly)	
4	1001212643	2	Wheel with Valve (1 per assembly)	
4	1001008719	2	Valve, Air (1 per assembly)	
5	1001145589	2	Wheel Assembly, LH	
5	1001006814	2	Tire (1 per assembly)	
5	1001212644	2	Wheel with Valve (1 per assembly)	
5	1001008719	2	Valve, Air (1 per assembly)	

FIGURE 5-126. TIRE WHEEL SET, PNEMATIC GOODYEAR 15.5-25 SGL (3614RS)

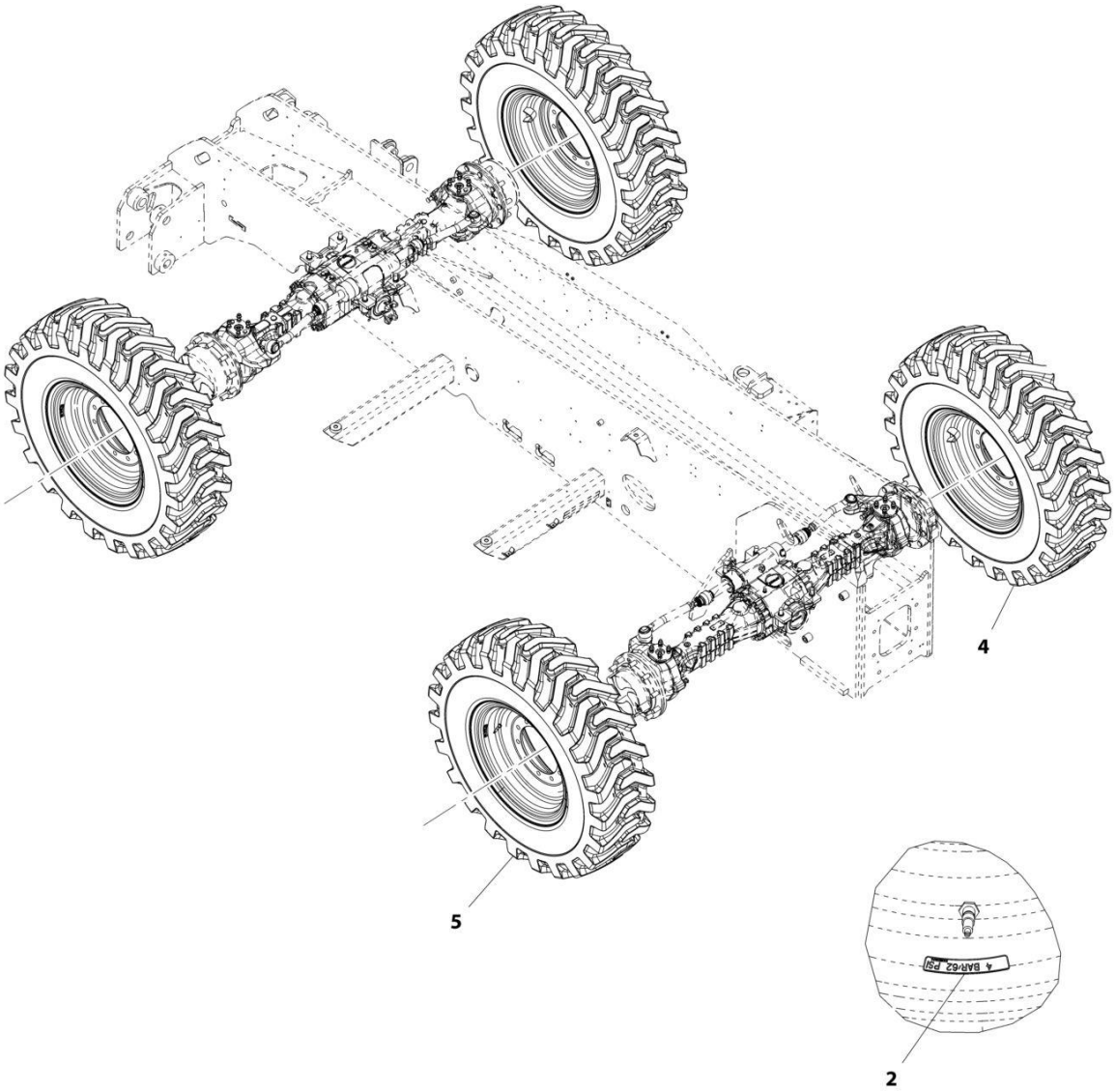


FIGURE 5-126. TIRE WHEEL SET, PNEMATIC GOODYEAR 15.5-25 SGL (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145608	Ref	Tire Wheel Set, Goodyear 15.5-25 SGL	D
2	1001112924	4	Label - 4.0 BAR	
4	1001145585	2	Wheel Assembly, RH Goodyear	
4	1001003360	2	Tire (1 per assembly)	
4	1001212640	2	Wheel with Valve (1 per assembly)	
4	1001008719	2	Valve, Air (1 per assembly)	
5	1001145586	2	Wheel Assembly, LH Goodyear	
5	1001003360	2	Tire (1 per assembly)	
5	1001212641	2	Wheel with Valve (1 per assembly)	
5	1001008719	2	Valve, Air (1 per assembly)	

FIGURE 5-127. TIRE WHEEL SET, PNEMATIC GOODYEAR 14.00-24 (4017RS)

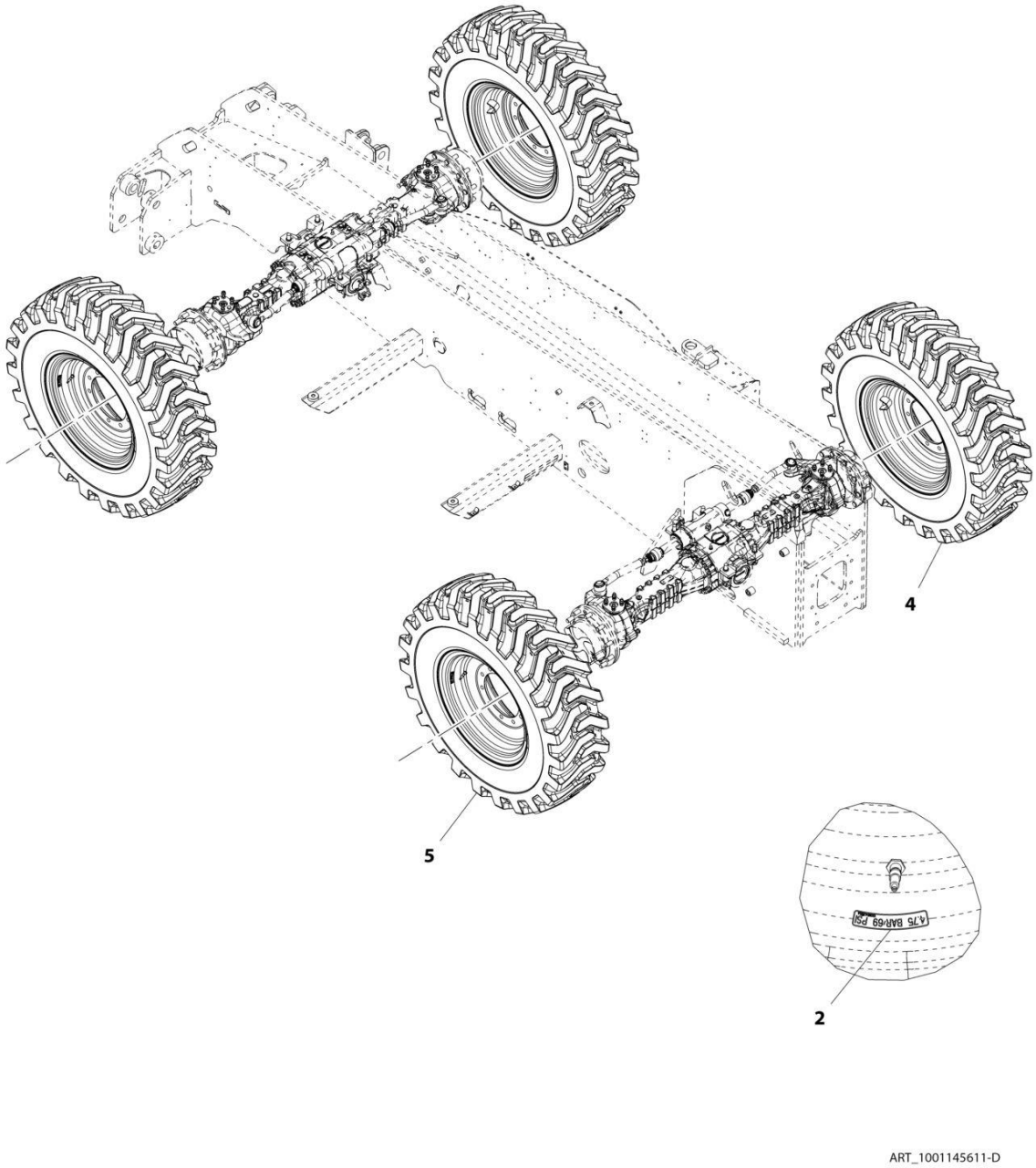


FIGURE 5-127. TIRE WHEEL SET, PNEMATIC GOODYEAR 14.00-24 (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145611	Ref	Tire Wheel Set, Goodyear	D
2	1001154265	1	Label, 4.75 BAR	
4	1001145590	2	Wheel Assembly, RH Goodyear (4017RS)	
4	1001003334	2	Tire (1 per assembly	
4	1001212645	2	Wheel with Valve (1 per assembly	
4	1001008719	2	Valve, Air (1 per assembly)	
5	1001145591	2	Wheel, LH Goodyear (4017RS)	
5	1001003334	2	Tire (1 per assembly	
5	1001212646	2	Wheel with Valve (1 per assembly	
5	1001008719	2	Valve, Air (1 per assembly)	

FIGURE 5-128. TIRE WHEEL SET, PNEMATIC MICHELIN 400/80-24 POWER CL (3614RS)

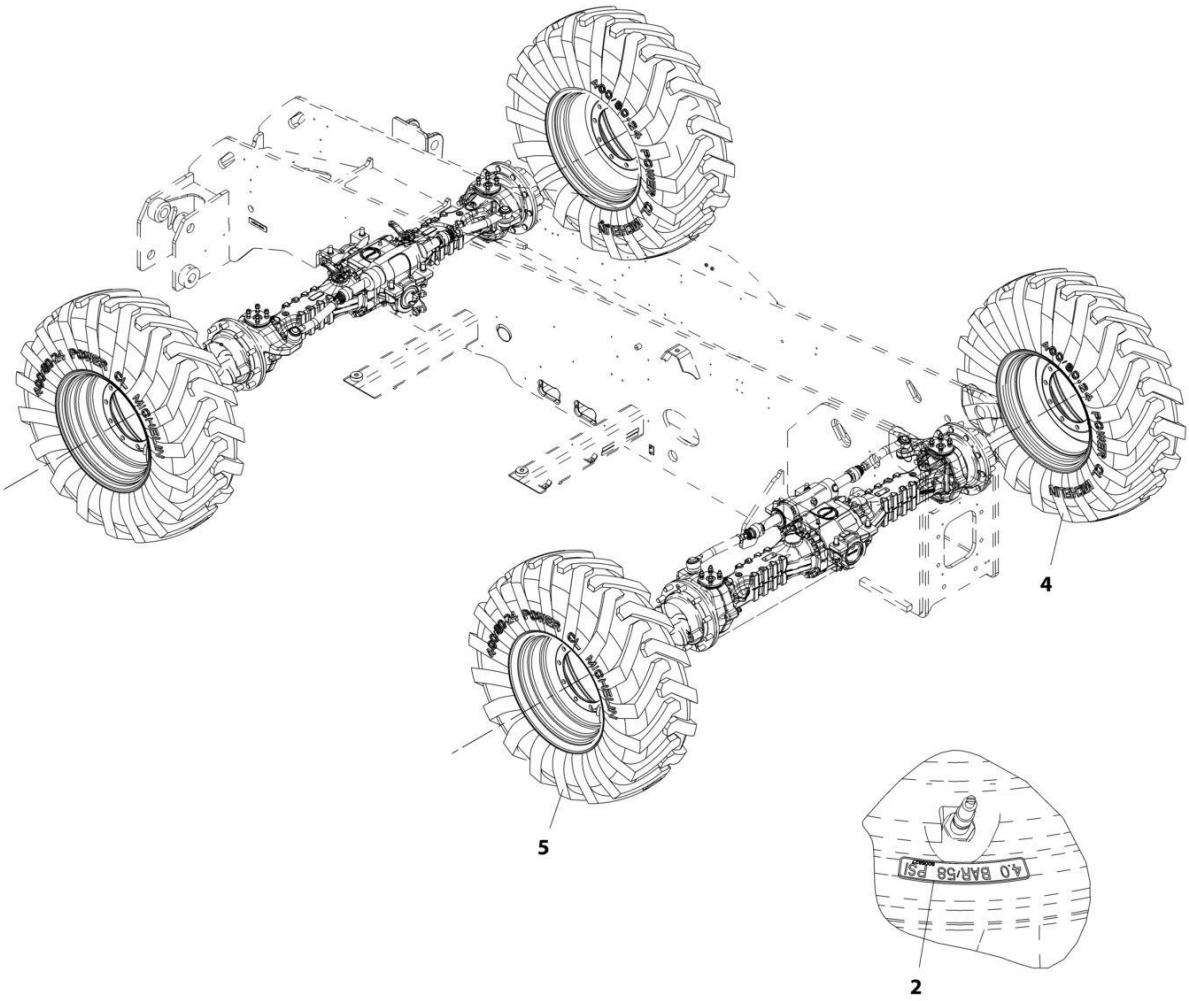


FIGURE 5-128. TIRE WHEEL SET, PNEMATIC MICHELIN 400/80-24 POWER CL (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145607	Ref	Tire Wheel Set, Michelin 400/80-24 Power CL	D
2	8005827	1	Label, 4.0 BAR	
4	1001145583	2	Wheel Assembly, RH	
4	1001099204	2	Tire (1 per assembly)	
4	1001212638	2	Wheel with Valve (1 per assembly)	
4	1001008719	2	Valve, Air (1 per assembly)	
5	1001145584	2	Wheel Assembly, LH	
5	1001099204	2	Tire (1 per assembly)	
5	1001212639	2	Wheel with Valve (1 per assembly)	
5	1001008719	2	Valve, Air (1 per assembly)	

FIGURE 5-129. TIRE WHEEL SET, PNEMATIC MICHELIN (4017RS)

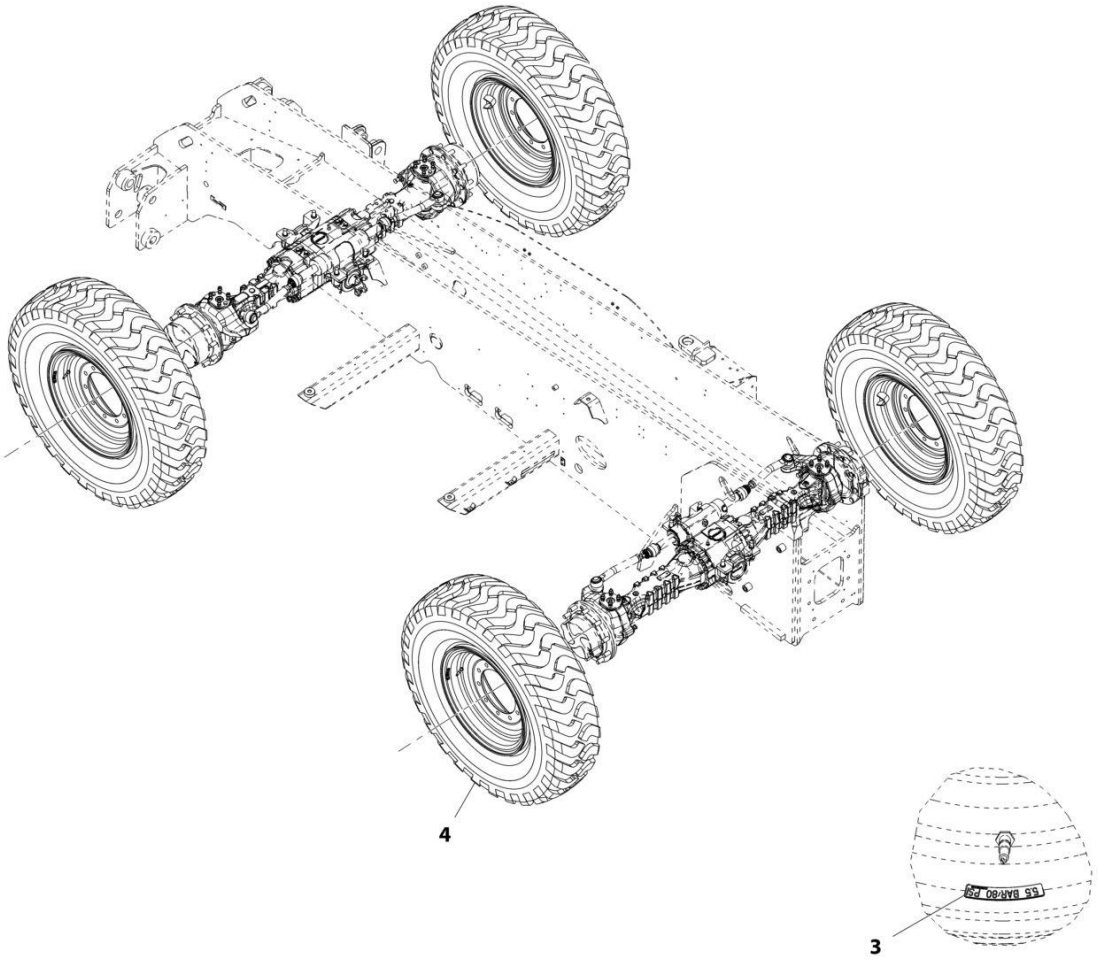


FIGURE 5-129. TIRE WHEEL SET, PNEMATIC MICHELIN (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169888	Ref	Tire Wheel Set, Michelin	B
3	1001128006	4	Label, 5.5 BAR	
4	1001168391	4	Wheel Assembly, Michelin	
4	1001154316	4	Tire (1 per assembly)	
4	1001212652	4	Wheel with Valve (1 per assembly)	
4	1001008719	4	Valve, Air (1 per assembly)	

FIGURE 5-130. TIRE WHEEL SET, PNEMATIC FIRESTONE 370/75-28 (3614RS)

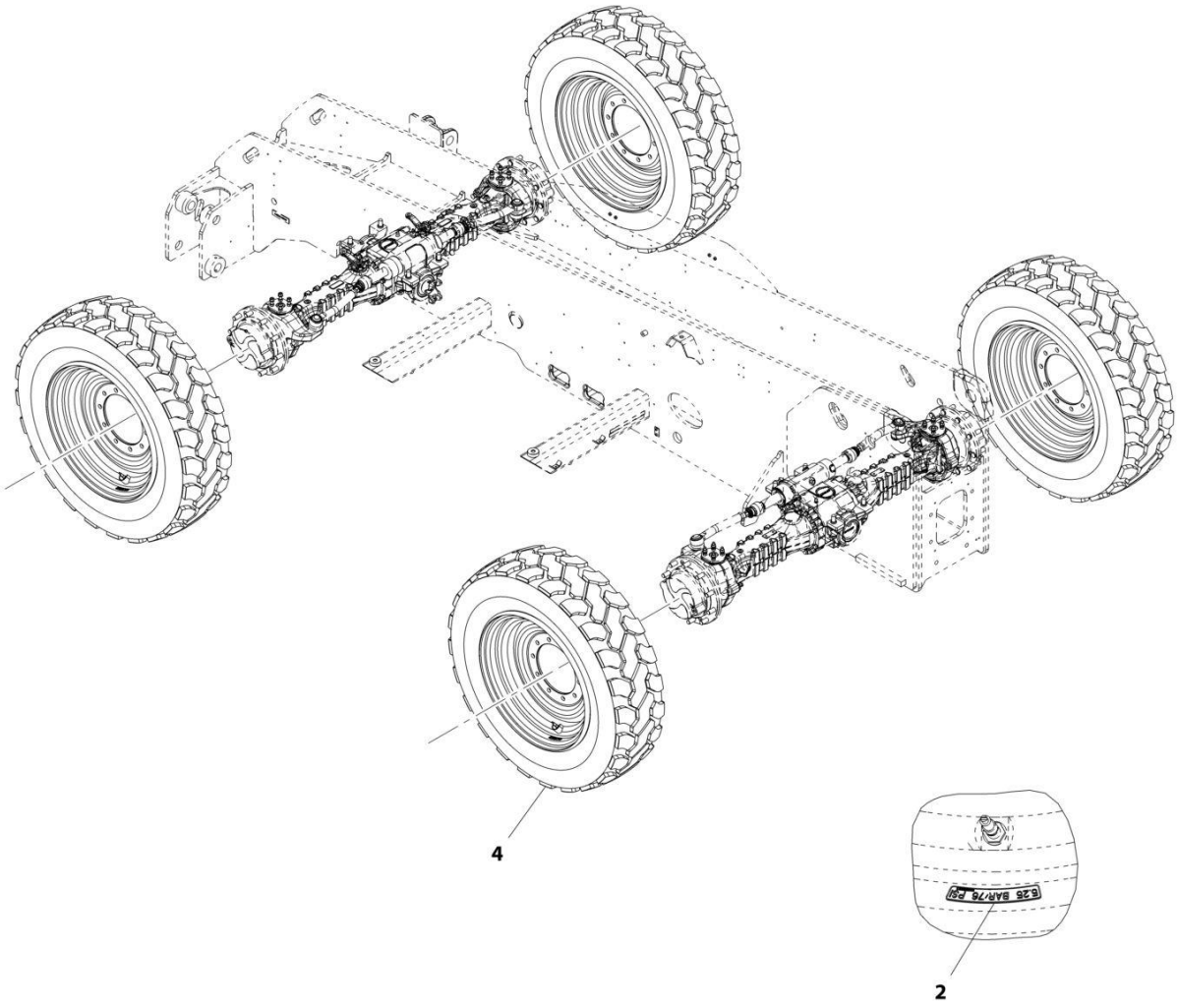


FIGURE 5-130. TIRE WHEEL SET, PNEMATIC FIRESTONE 370/75-28 (3614RS)

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 Assembly	
4	1001100284	4	Tire (1 per assembly)	
4	1001212642	4	Wheel with Valve (1 per assembly)	
4	1001008719	4	Valve, Air (1 per assembly)	

FIGURE 5-131. TIRE WHEEL SET, PNEMATIC FIRESTONE 400/75-28 16 PLY (4017RS)

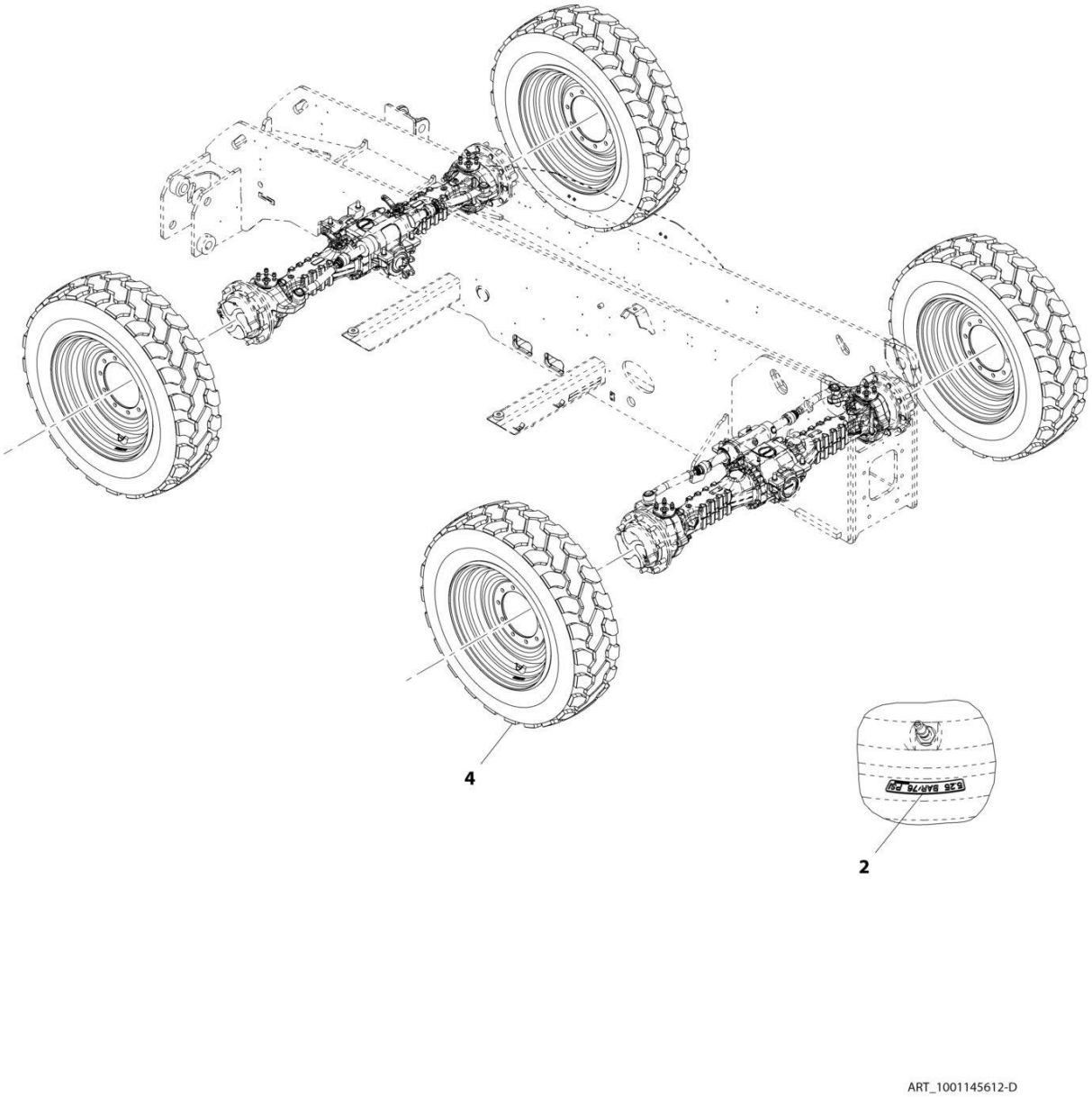


FIGURE 5-131. TIRE WHEEL SET, PNEMATIC FIRESTONE 400/75-28 16 PLY (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145612	Ref	Tire Wheel Set, Firestone 400/75-28 16 PLY	D
2	1001112923	4	Label, 5.25 Bar	
4	1001145592	4	Wheel Assembly	
4	1001120179	4	Tire (1 per assembly)	
4	1001212647	4	Wheel with Valve (1 per assembly	
4	1001008719	4	Valve, Air (1 per assembly	

FIGURE 5-132. TIRE WHEEL SET, FOAM FILLED (3614RS)

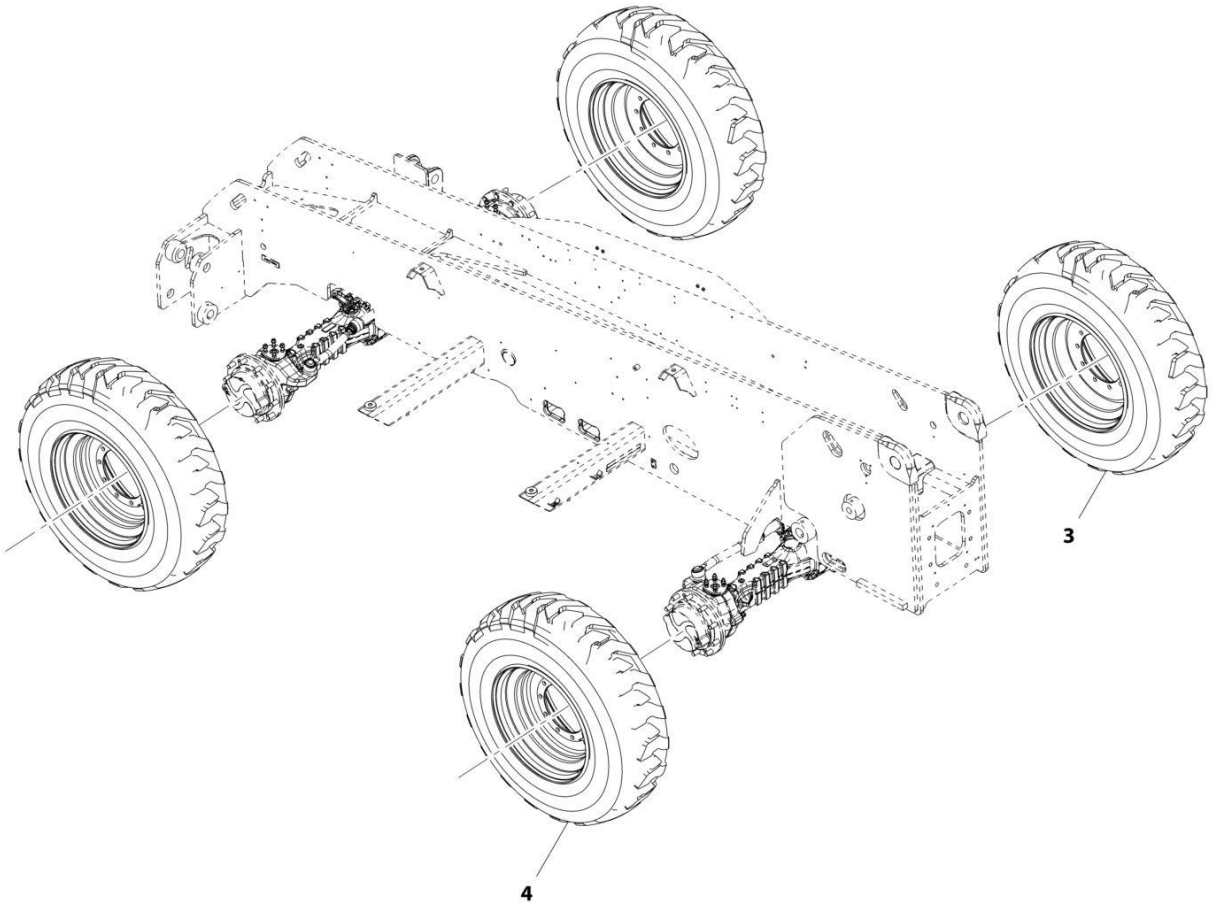


FIGURE 5-132. TIRE WHEEL SET, FOAM FILLED (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151868	Ref	Foam Filled Wheel Set	B
		Ref	**Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.**	
		Ref	**Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.**	
3	1001149356	2	Wheel Assembly, Foam RH	
3	1001003360	2	Tire (1 per assembly)	
3	1001212648	2	Wheel with Valve & FF Decal (1 per assembly)	
3	1001008719	2	Valve, Air (1 per assembly)	
3	1001152079	2	Decal - Foam Filled (1 per assembly)	
4	1001149357	2	Wheel Assembly, Foam LH	
4	1001003360	2	Tire (1 per assembly)	
4	1001212649	2	Wheel with Valve & FF Decal (1 per assembly)	
4	1001008719	2	Valve, Air (1 per assembly)	
4	1001152079	2	Decal - Foam Filled (1 per assembly)	

FIGURE 5-133. TIRE WHEEL SET, FOAM FILLED (4017RS)

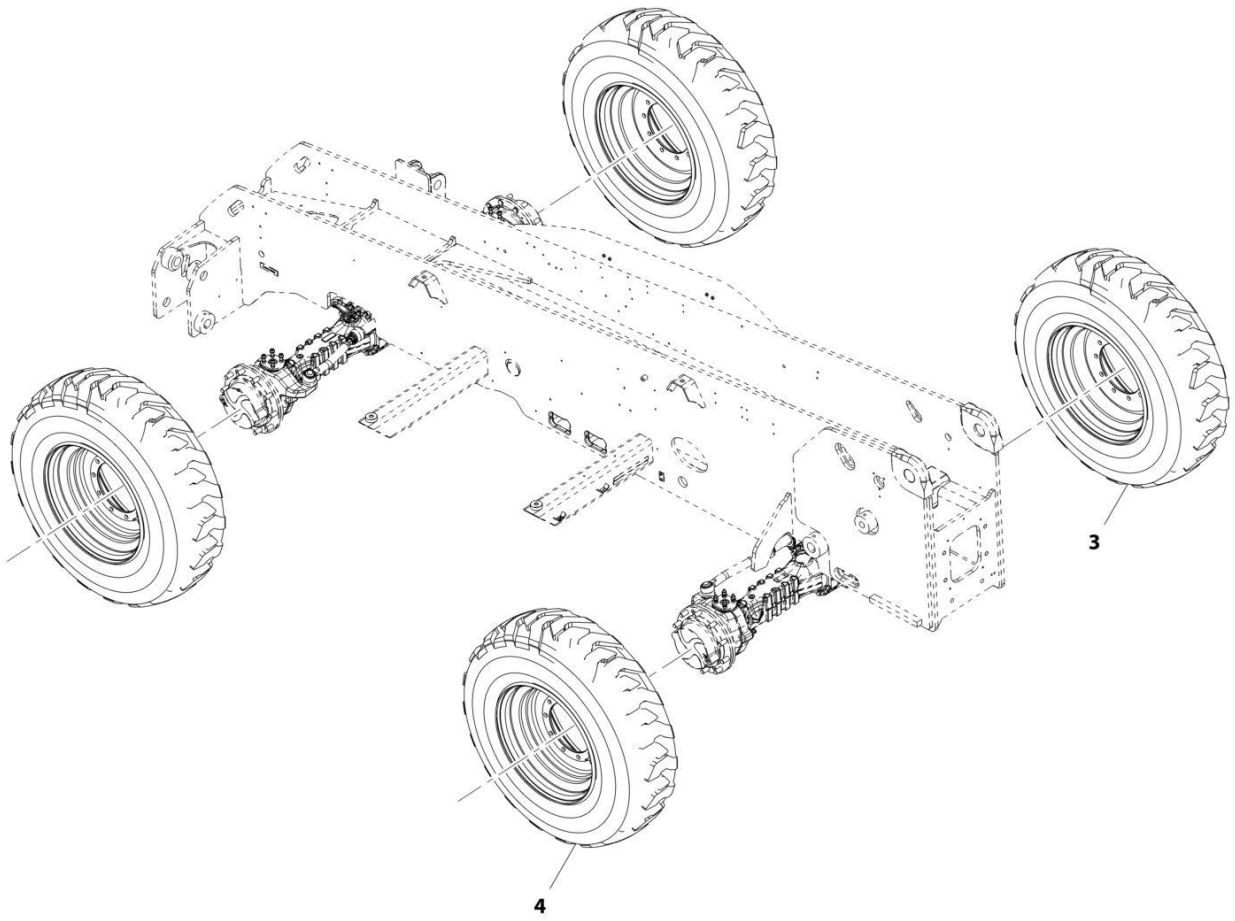


FIGURE 5-133. TIRE WHEEL SET, FOAM FILLED (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152829	Ref	Foam Filled Wheel Set	B
		Ref	**Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.**	
		Ref	**Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.**	
3	1001149361	2	Wheel Assembly, Foam RH	
3	1001003334	2	Tire (1 per assembly)	
3	1001212650	2	Wheel with Valve & FF Decal (1 per assembly)	
3	1001008719	2	Valve, Air (1 per assembly)	
3	1001152079	2	Decal - Foam Filled (1 per assembly)	
4	1001149362	2	Wheel Assembly, Foam LH	
4	1001003334	2	Tire (1 per assembly)	
4	1001212651	2	Wheel with Valve & FF Decal (1 per assembly)	
4	1001008719	2	Valve, Air (1 per assembly)	
4	1001152079	2	Decal - Foam Filled (1 per assembly)	

FIGURE 5-134. FENDER INSTALLATION (3614RS)

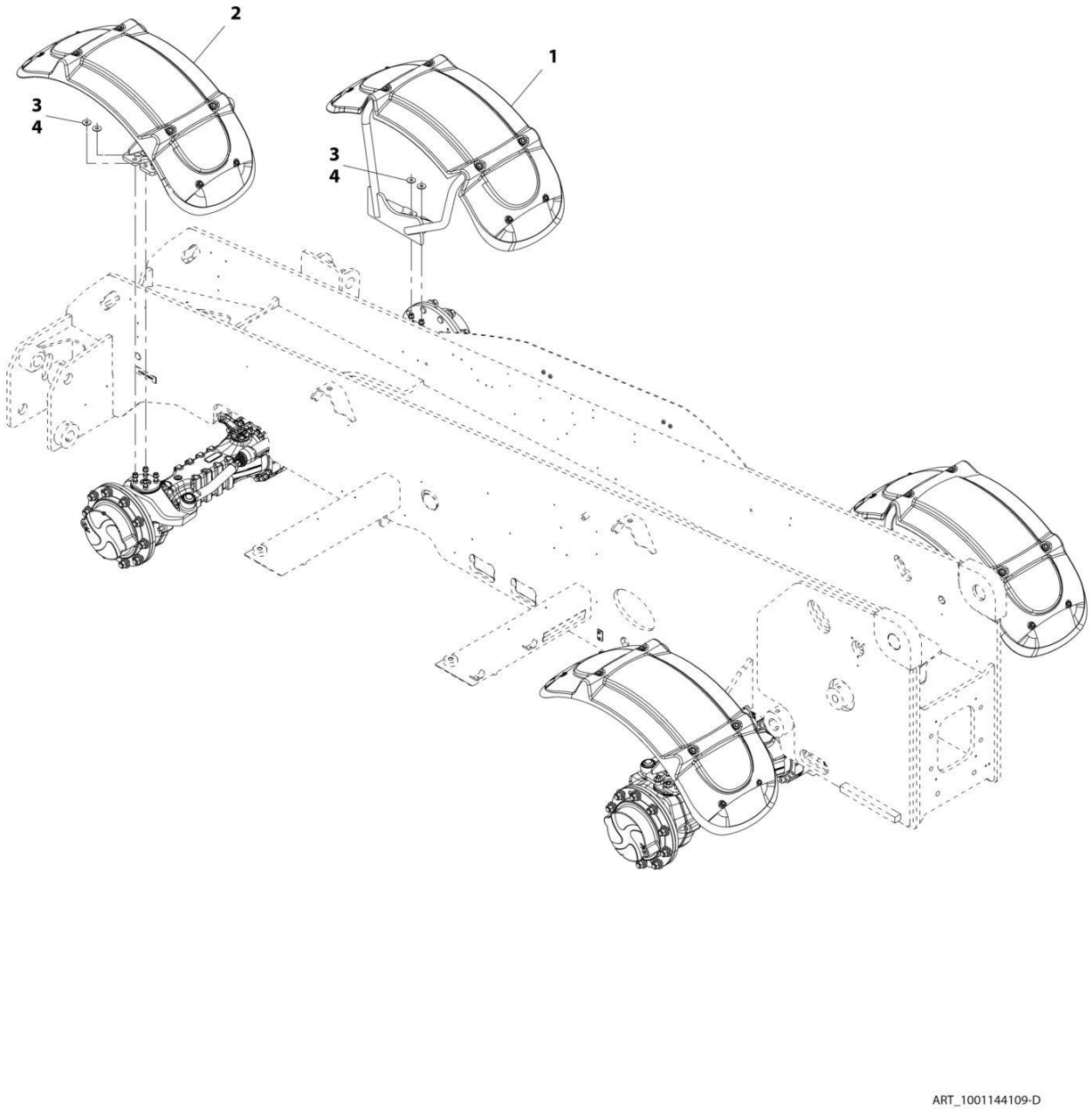


FIGURE 5-134. FENDER INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144109	Ref	Fender Installation	D
1	1001144404	2	Assembly, RH Fender (See Separate Breakdown in this Section) (3614RS)	
2	1001144405	2	Assembly, LH Fender (See Separate Breakdown in this Section) (3614RS)	
3	1001095650	AR	Compound, Locking	
4	4812102	16	Washer, M12	

FIGURE 5-135. FENDER ASSEMBLY, RH (3614RS)

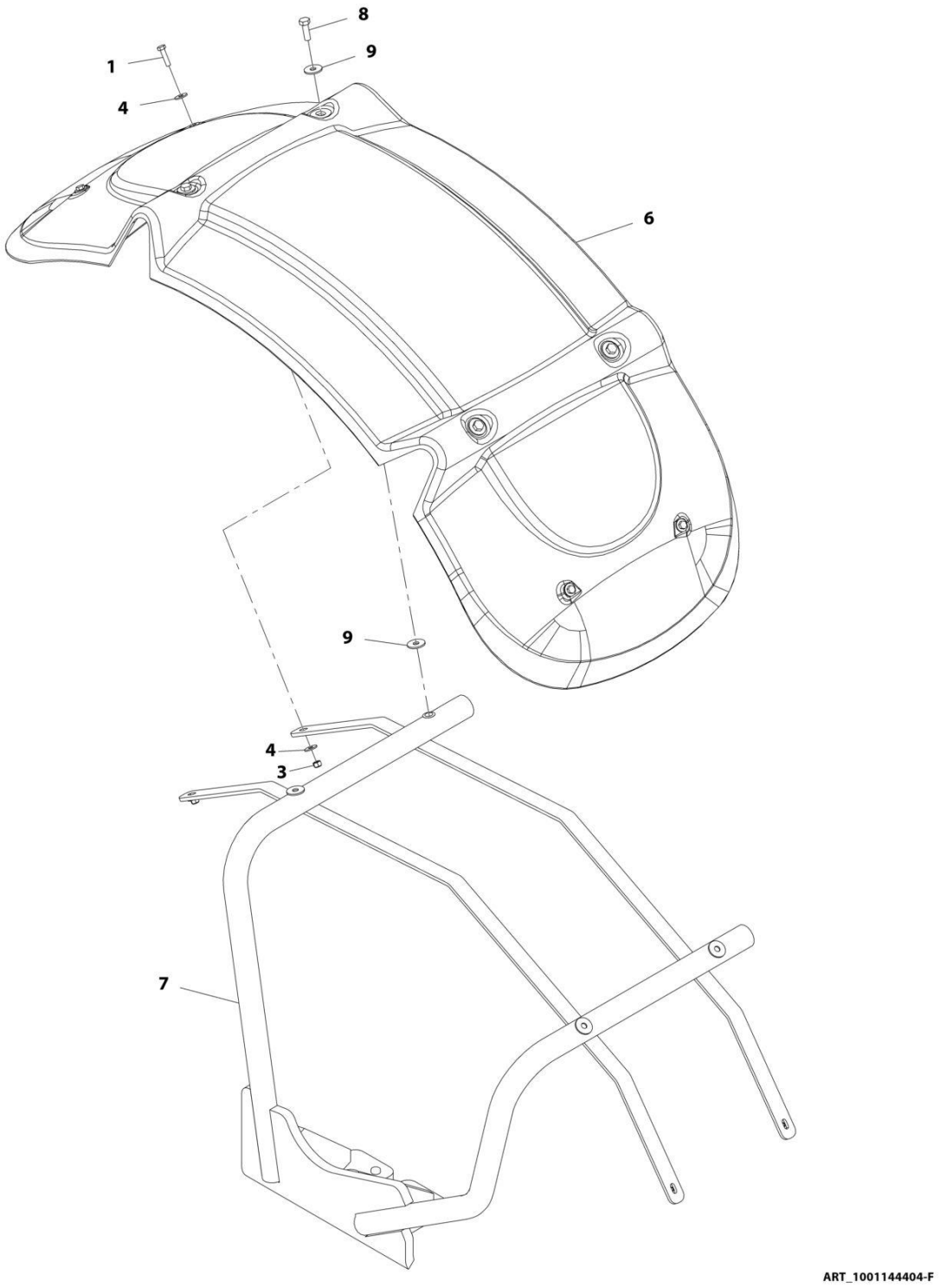


FIGURE 5-135. FENDER ASSEMBLY, RH (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144404	Ref	RH Fender Assembly	F
1	0760612	4	Bolt, M6X25	
3	3290605	4	Nut, M6X1	
4	4811702	8	Washer, M6	
6	1001100845	1	Fender	
7	1001165650	1	Bracket	
8	1001139034	4	Bolt, M8X25	
9	4811902	8	Washer, M8	

FIGURE 5-136. FENDER ASSEMBLY, LH (3614RS)

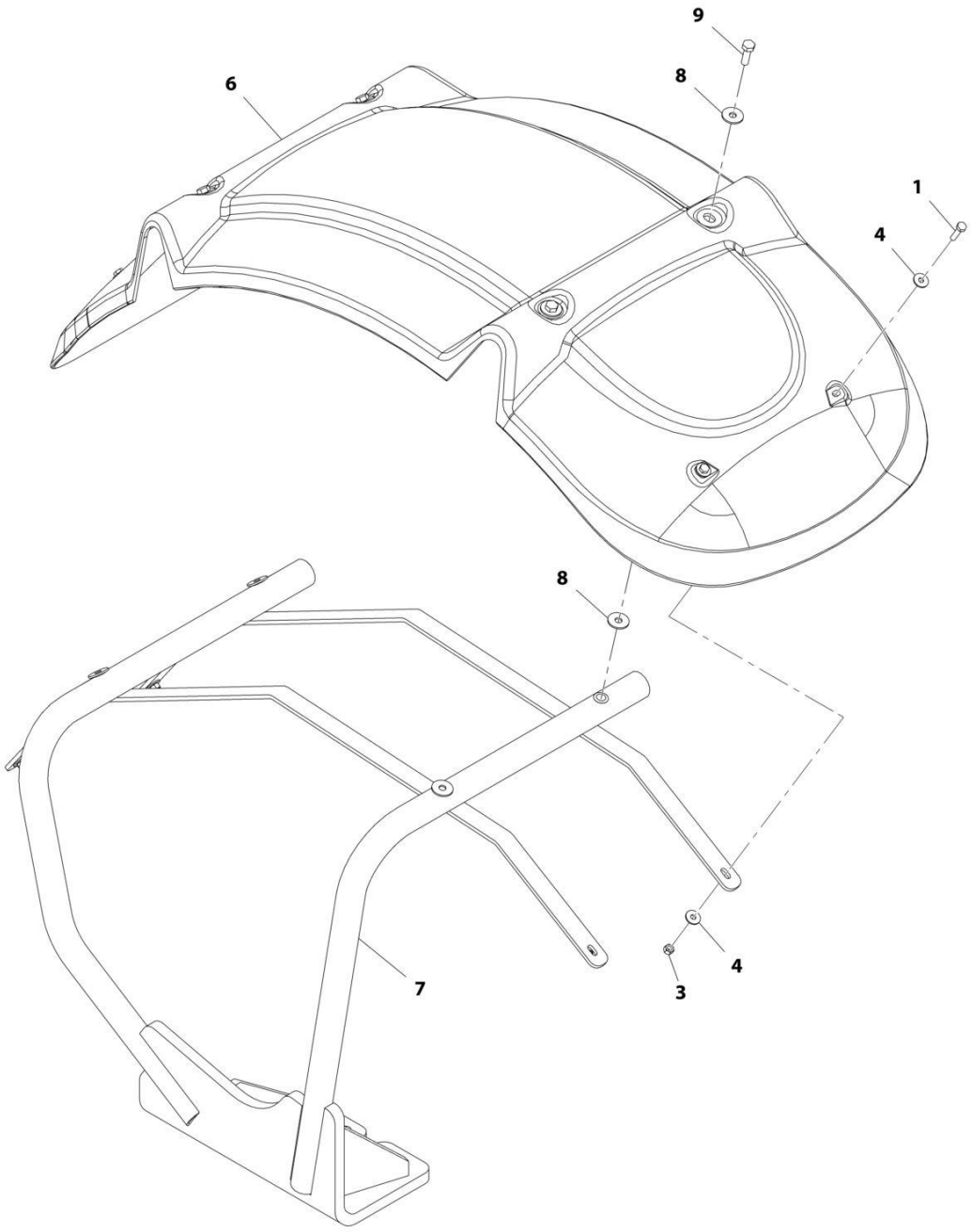


FIGURE 5-136. FENDER ASSEMBLY, LH (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144405	Ref	LH Fender Assembly	F
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	1001139034	4	Bolt, M8X25	

FIGURE 5-137. FENDER INSTALLATION (4017RS)

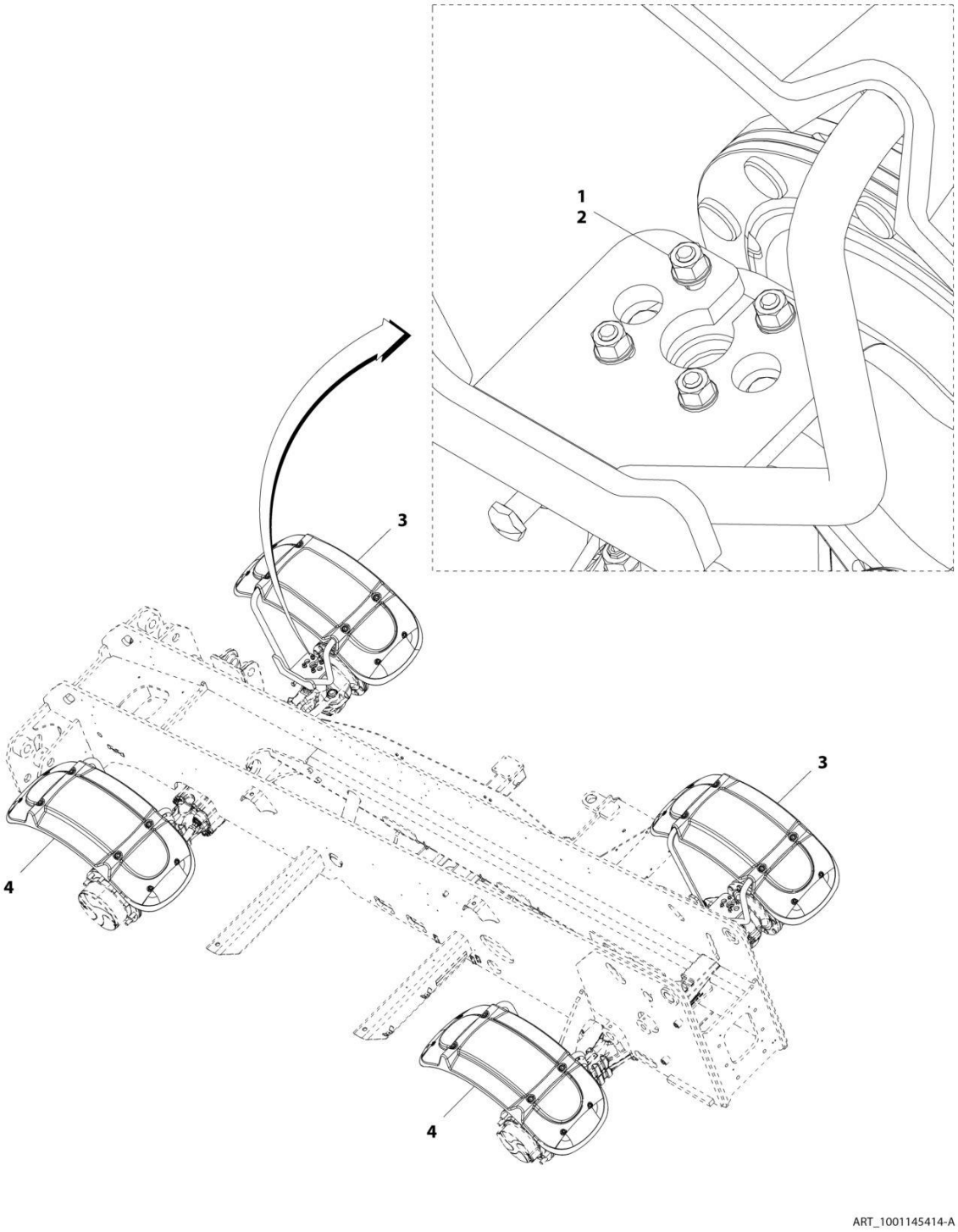


FIGURE 5-137. FENDER INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145414	Ref	Fender Installation	A
1	4812102	16	Washer, M12	
2	1001095650	AR	Compound, Locking	
3	1001151628	2	Assembly, RH Fender (See Separate Breakdown in this Section)	
4	1001153185	2	Assembly, LH Fender (See Separate Breakdown in this Section)	

FIGURE 5-138. FENDER ASSEMBLY, RH (PVC 1911) (4017RS)

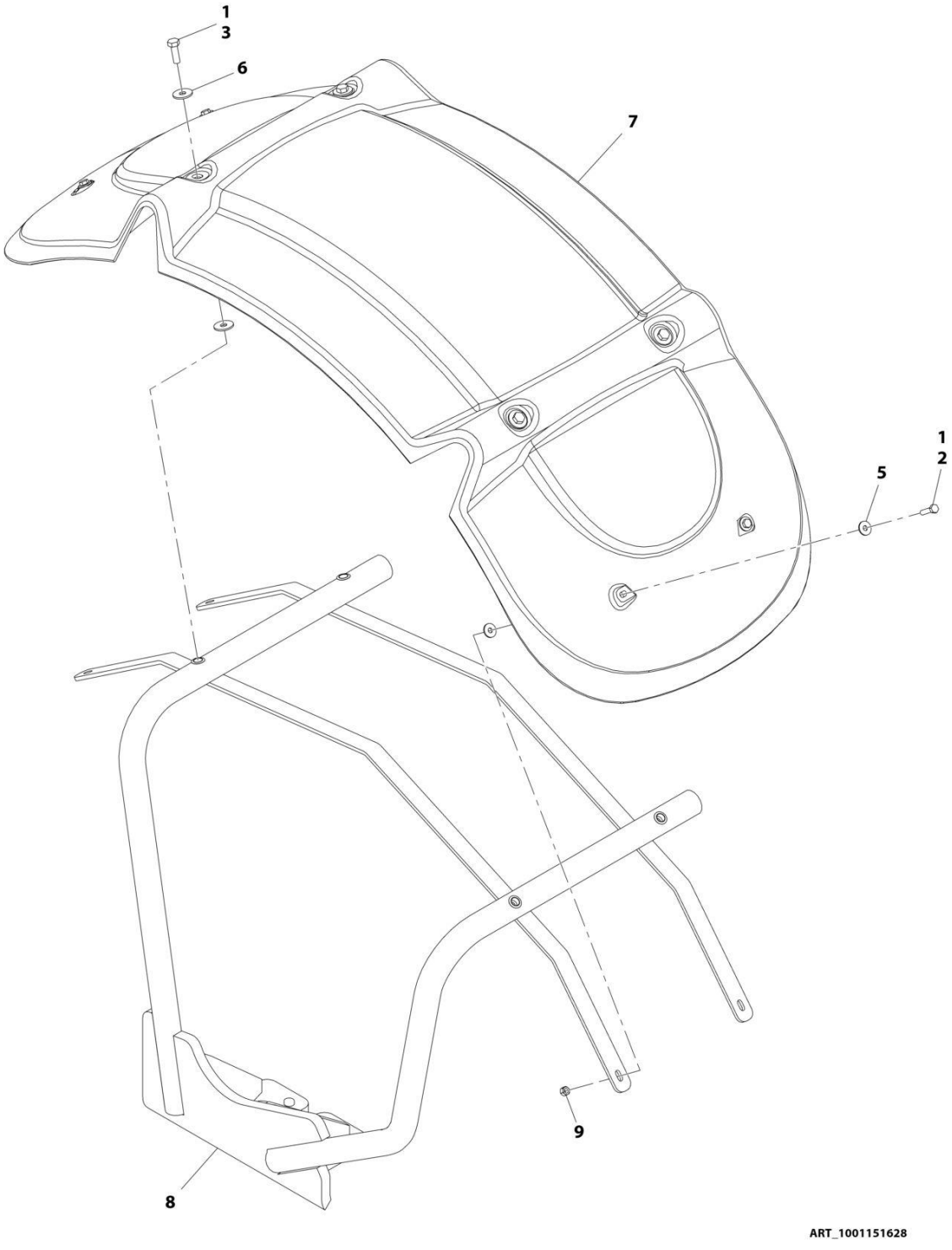


FIGURE 5-138. FENDER ASSEMBLY, RH (PVC 1911) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151628	Ref	RH Fender Assembly	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 5-139. FENDER ASSEMBLY, RH (PVC 2005) (4017RS)

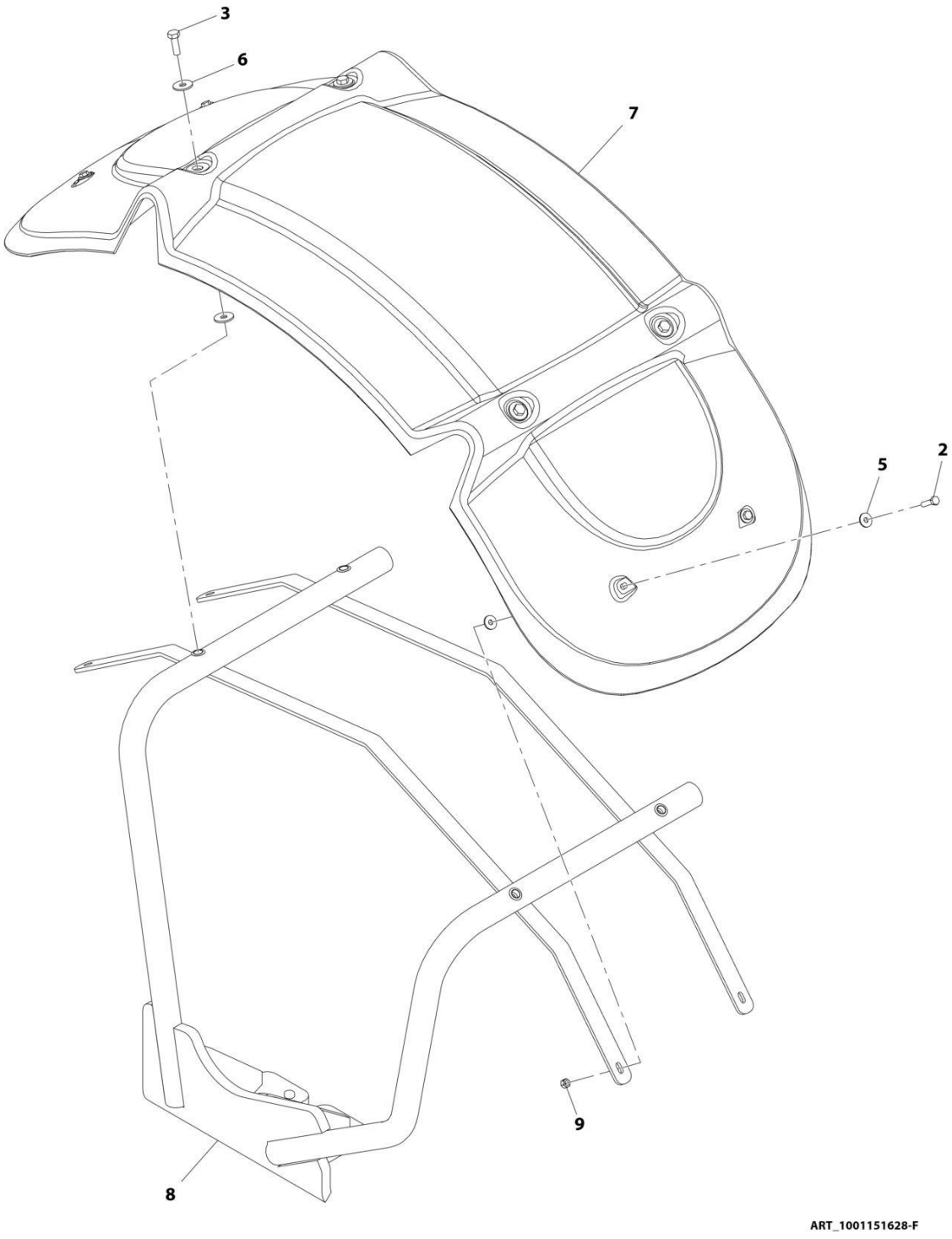


FIGURE 5-139. FENDER ASSEMBLY, RH (PVC 2005) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151628	Ref	RH Fender Assembly	F
2	0760612	4	Bolt, M6X25	
3	1001139034	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 5-140. FENDER ASSEMBLY, LH (PVC 1911) (4017RS)

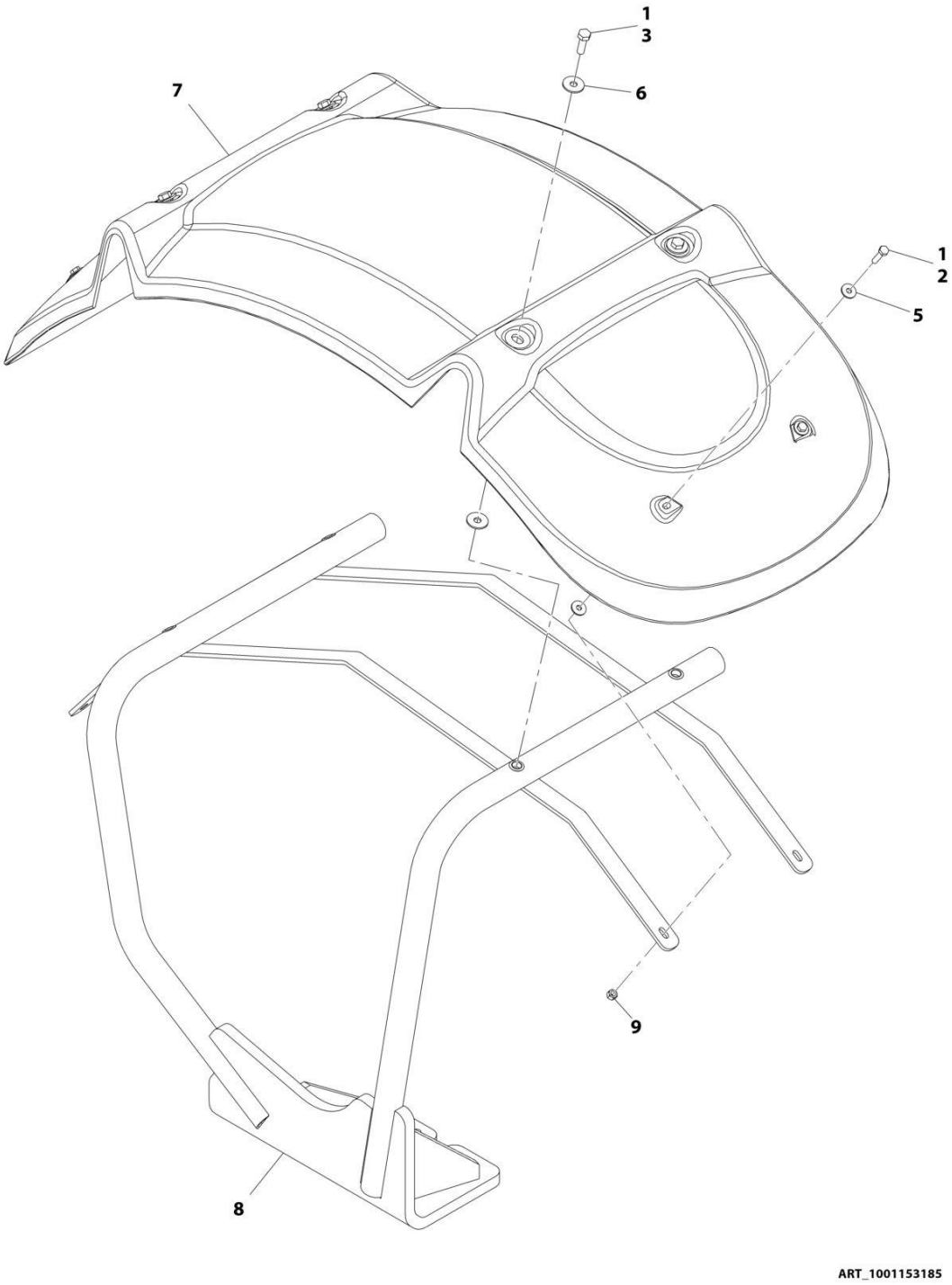


FIGURE 5-140. FENDER ASSEMBLY, LH (PVC 1911) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153185	Ref	LH Fender Assembly	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 5-141. FENDER ASSEMBLY, LH (PVC 2005) (4017RS)

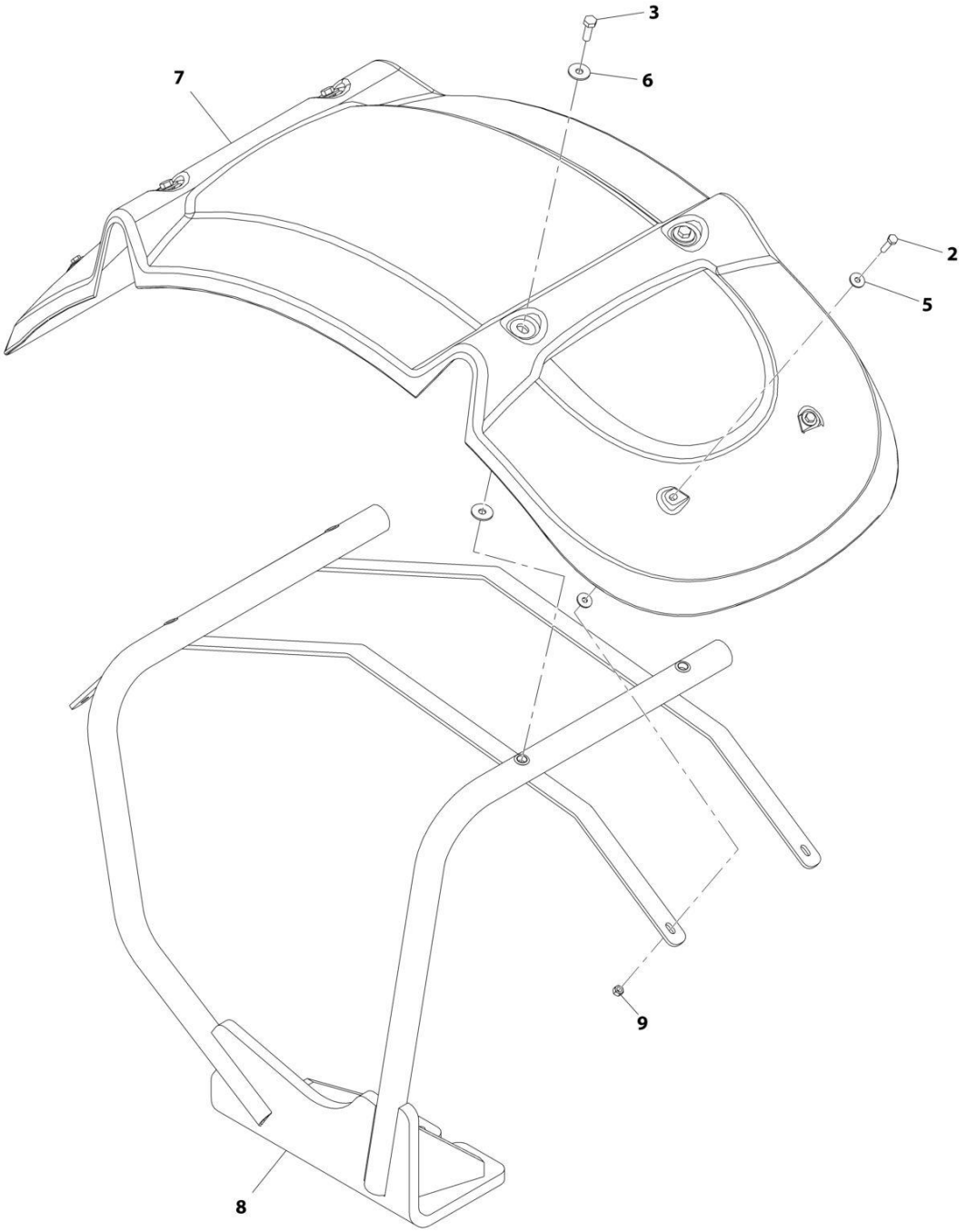


FIGURE 5-141. FENDER ASSEMBLY, LH (PVC 2005) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153185	Ref	LH Fender Assembly	F
2	0760612	4	Bolt, M6X25	
3	1001139034	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	

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNT INSTALLATION

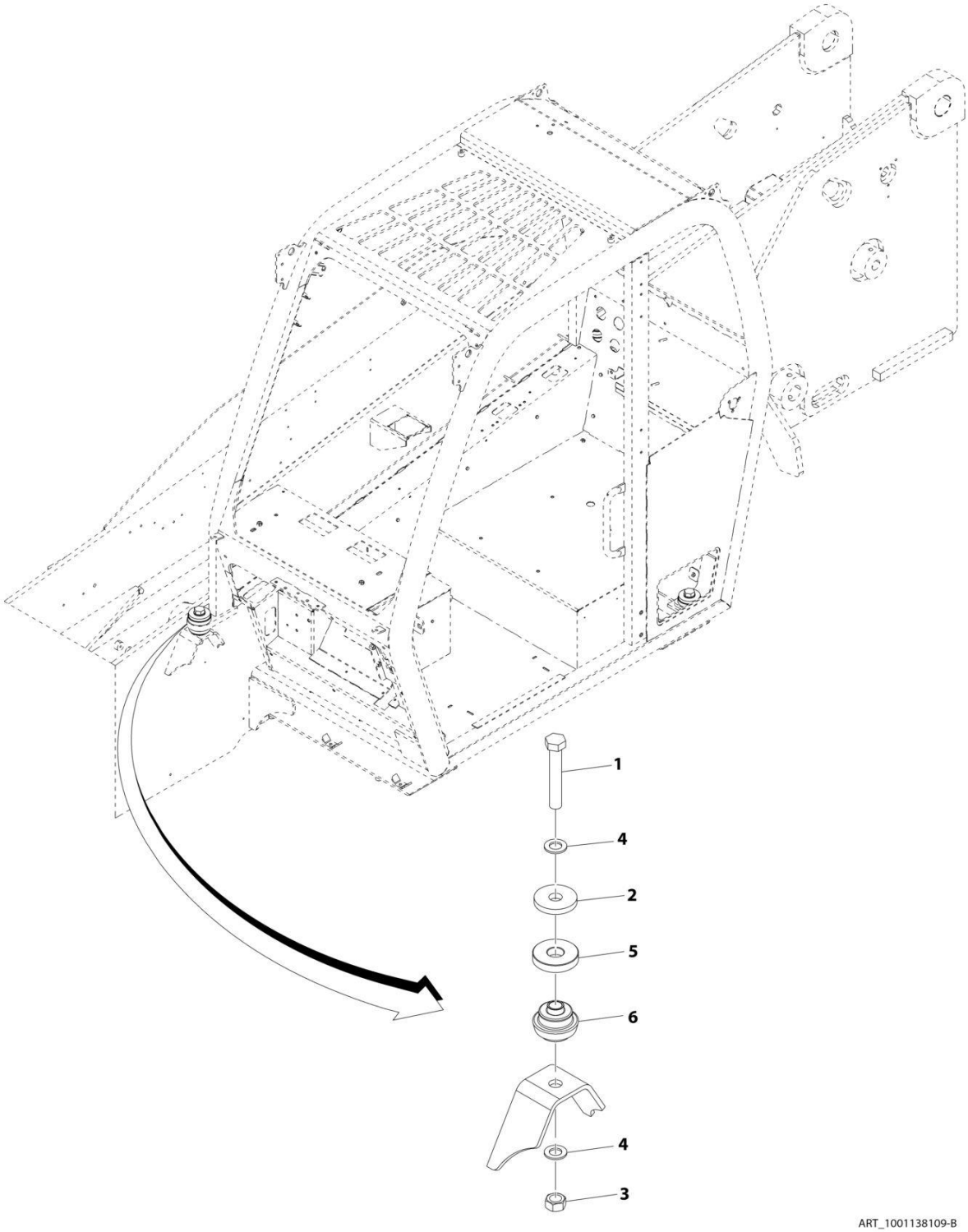


FIGURE 6-1. CAB MOUNT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138109	Ref	Cab Mount Installation	B
1	0712029	4	Bolt, M20X120	
2	1781813	4	Disk, Cab Mount	
3	3332011	2	Nut, M20X2.5	
4	4812500	6	Washer, M20	
5	8000565	4	Washer	
6	8000567	4	Biscuit, Rubber	

FIGURE 6-2. CAB INSTALLATION (FNR LEVER)

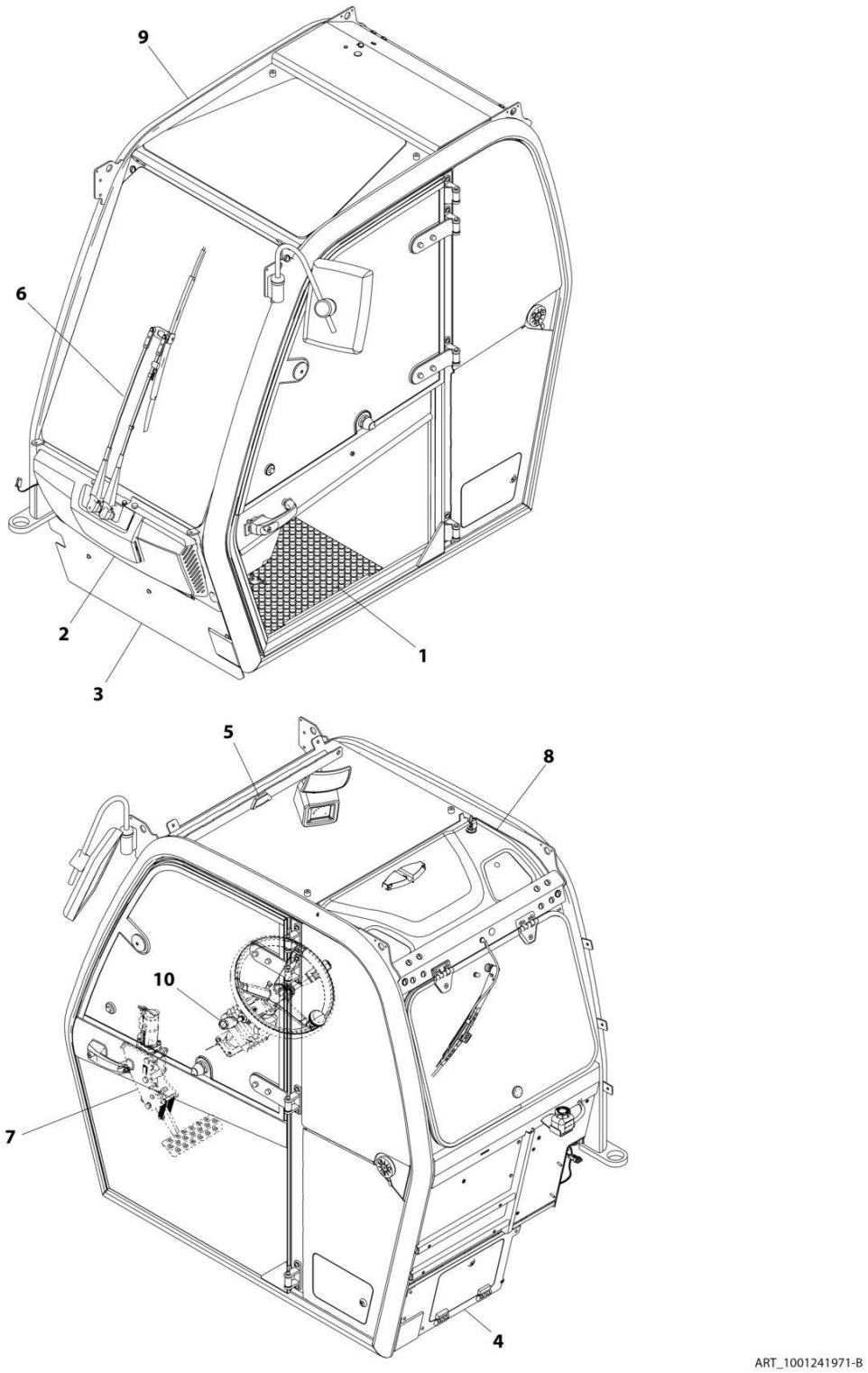


FIGURE 6-2. CAB INSTALLATION (FNR LEVER)

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 6-3. CAB INSTALLATION (NO FNR LEVER)

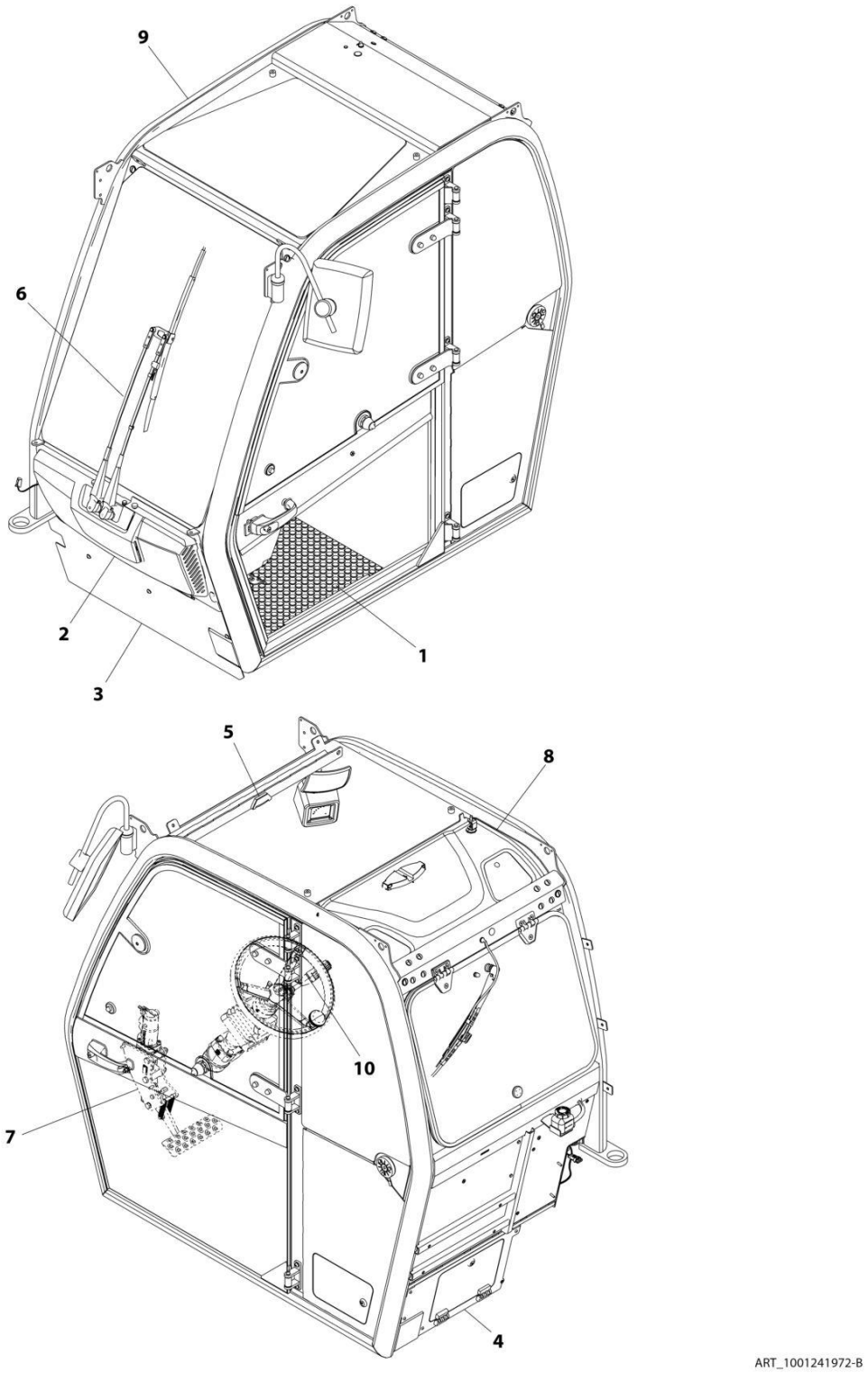
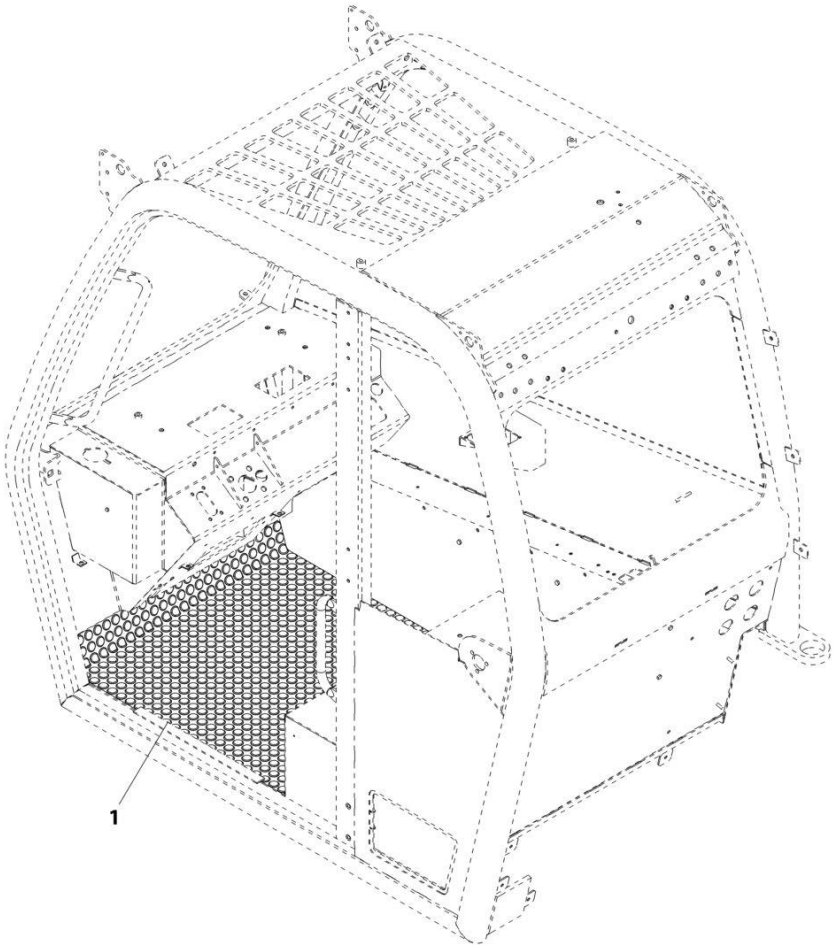


FIGURE 6-3. CAB INSTALLATION (NO FNR LEVER)

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 6-4. FLOOR MAT INSTALLATION



ART_1001139745-A

FIGURE 6-4. FLOOR MAT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139745	Ref	Floor Mat Installation	A
1	1001139746	1	Cab, Floor Mat	

FIGURE 6-5. CAB ASSEMBLY

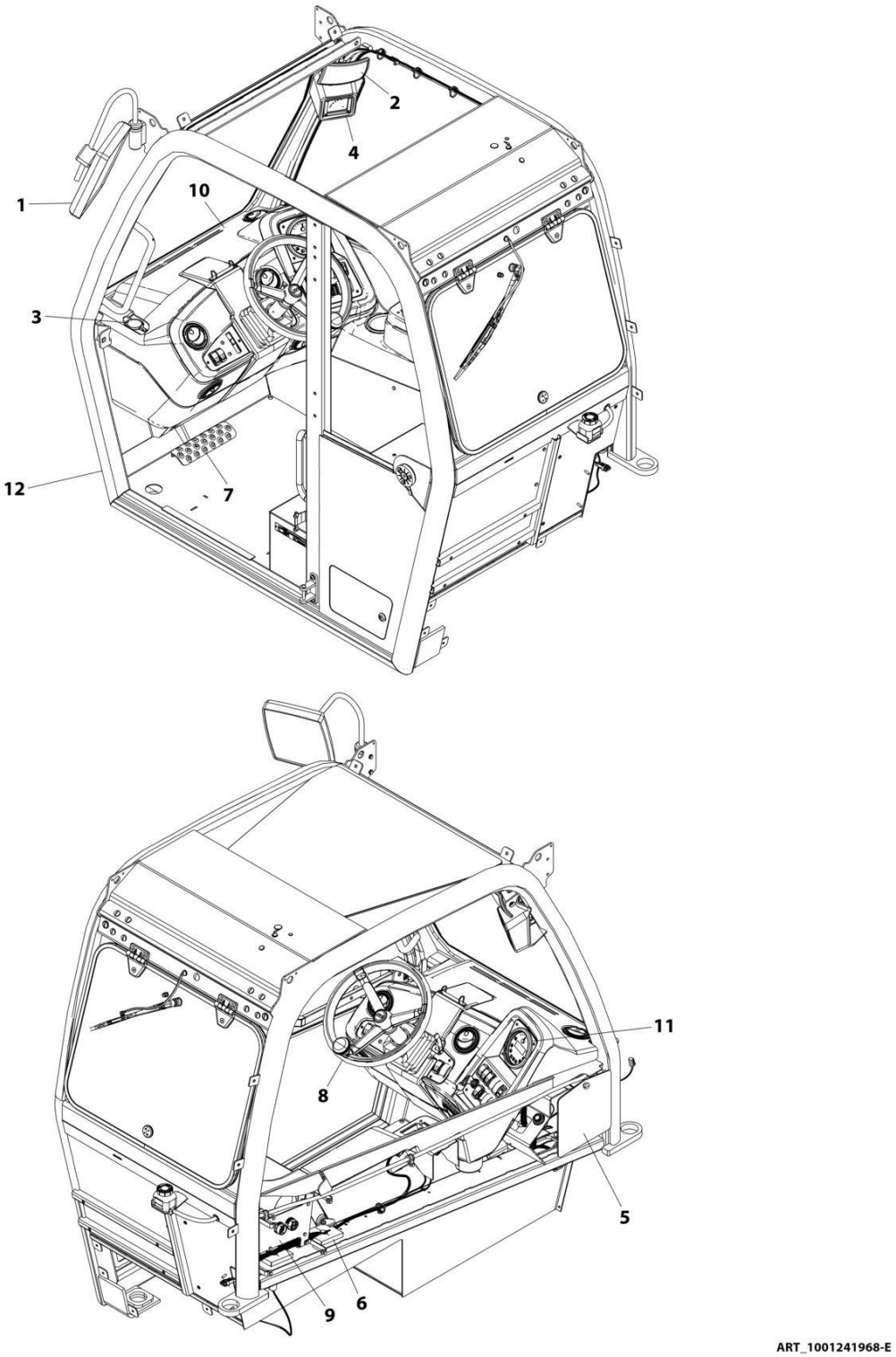


FIGURE 6-5. CAB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241968	Ref	Cab Assembly	G
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 6-6. CAB GROUP

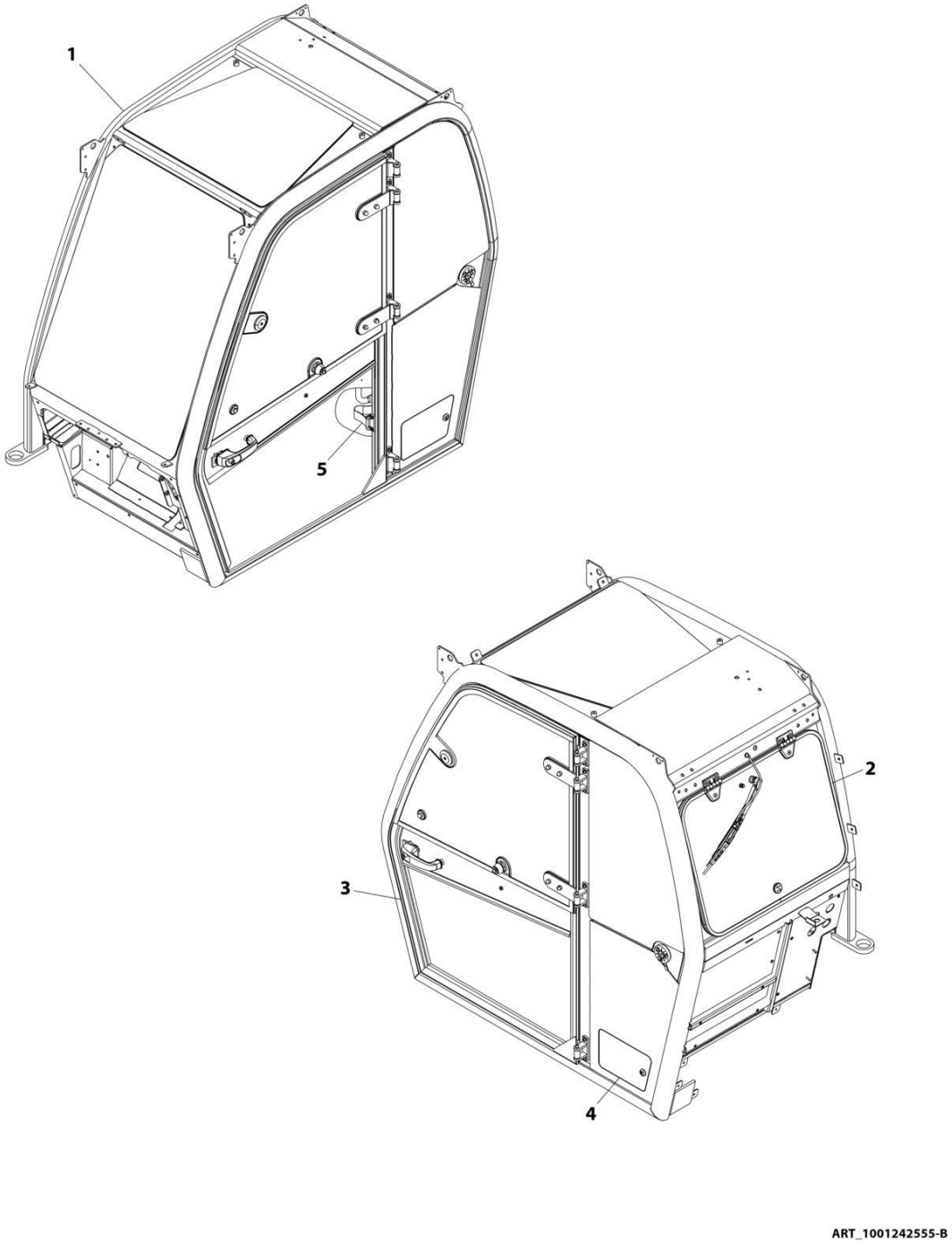


FIGURE 6-6. CAB GROUP

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 6-7. CAB

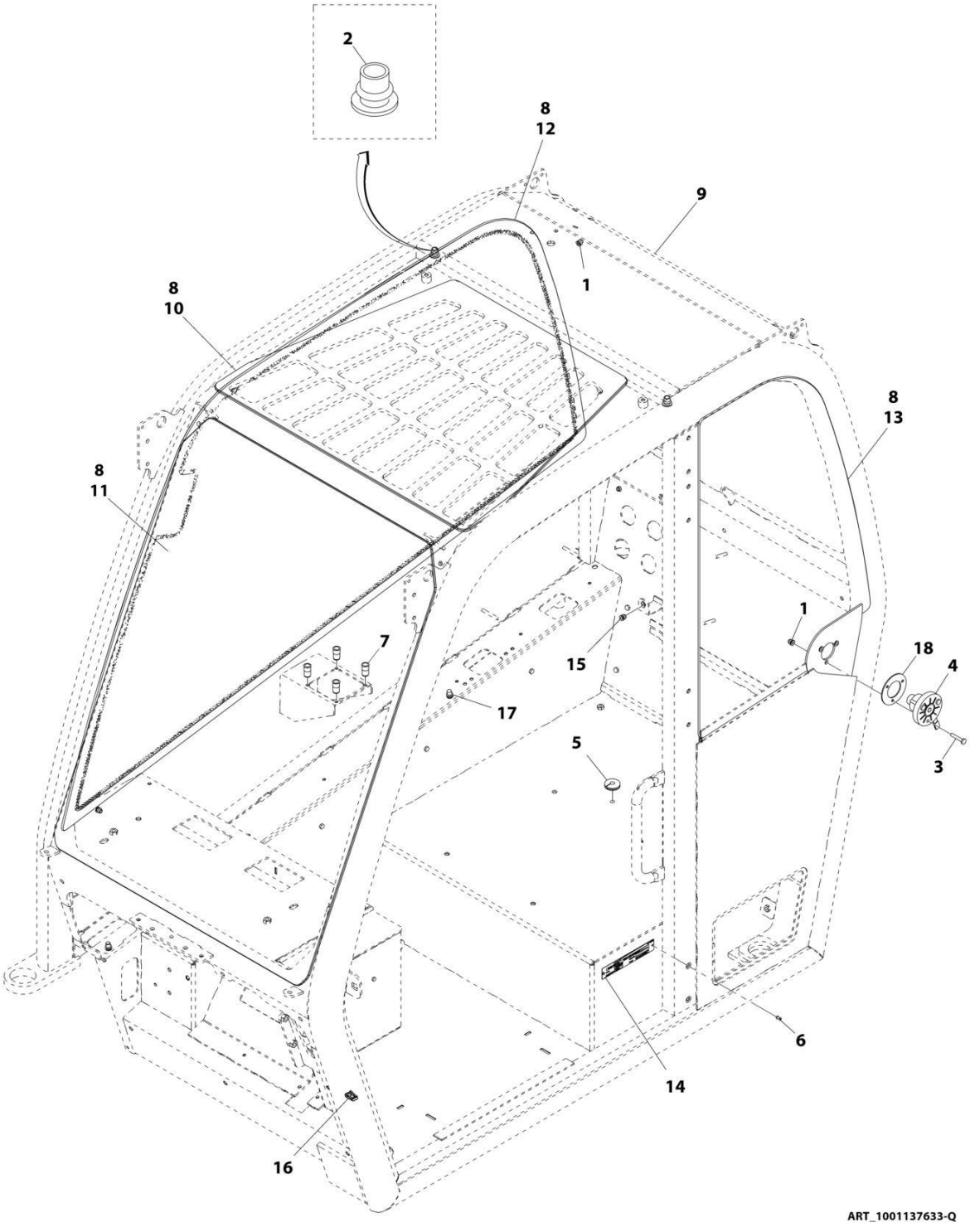
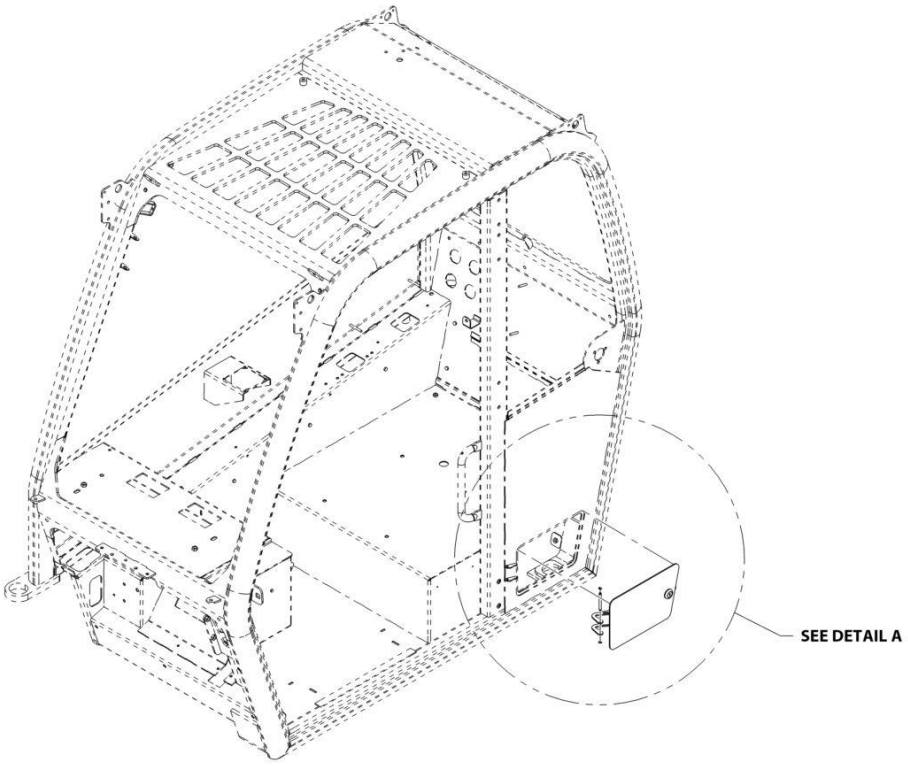
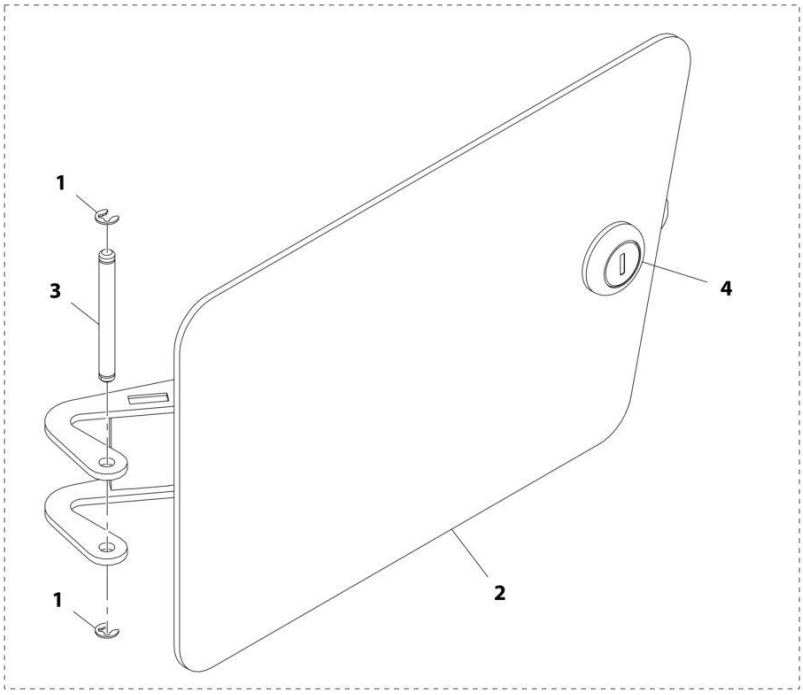


FIGURE 6-7. CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137633	Ref	Cab	Q
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 6-8. FUEL DOOR INSTALLATION





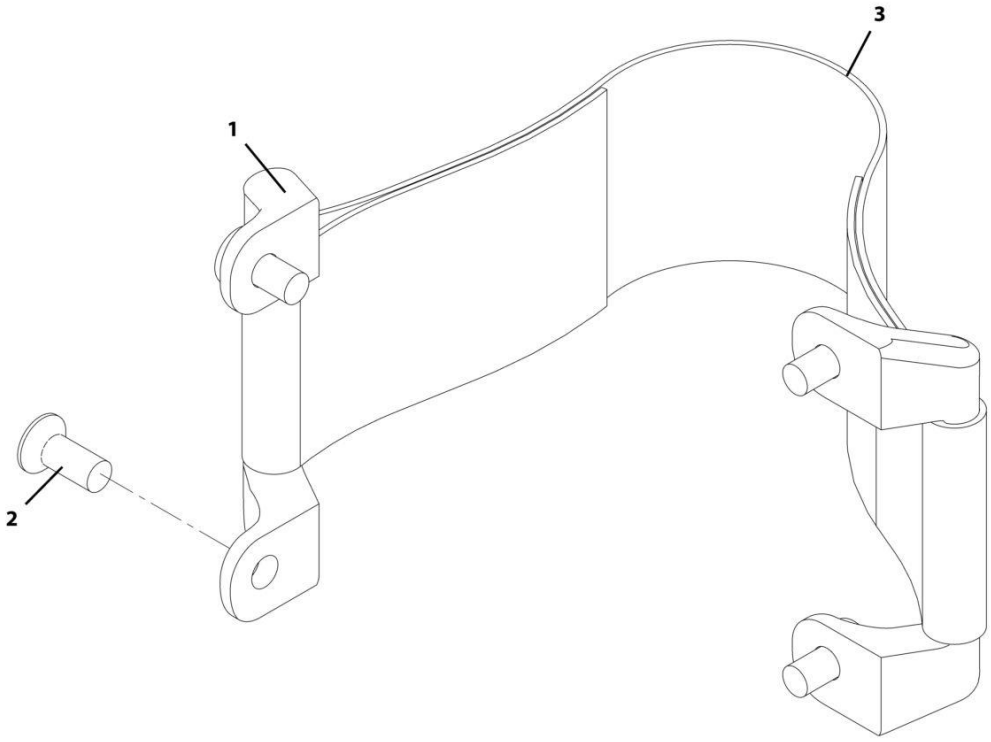
DETAIL A

ART_1001142190-F

FIGURE 6-8. 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 6-9. DOOR STRAP INSTALLATION



ART_1001142712-D

FIGURE 6-9. DOOR STRAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142712	Ref	Door Strap Installation	D
1	1001230163	2	Bracket, Strap Holder	
2	1001133089	4	Screw, M5X12	
3	1001142675	1	Strap, Door Hold Open	

FIGURE 6-10. INTERIOR MIRROR INSTALLATION

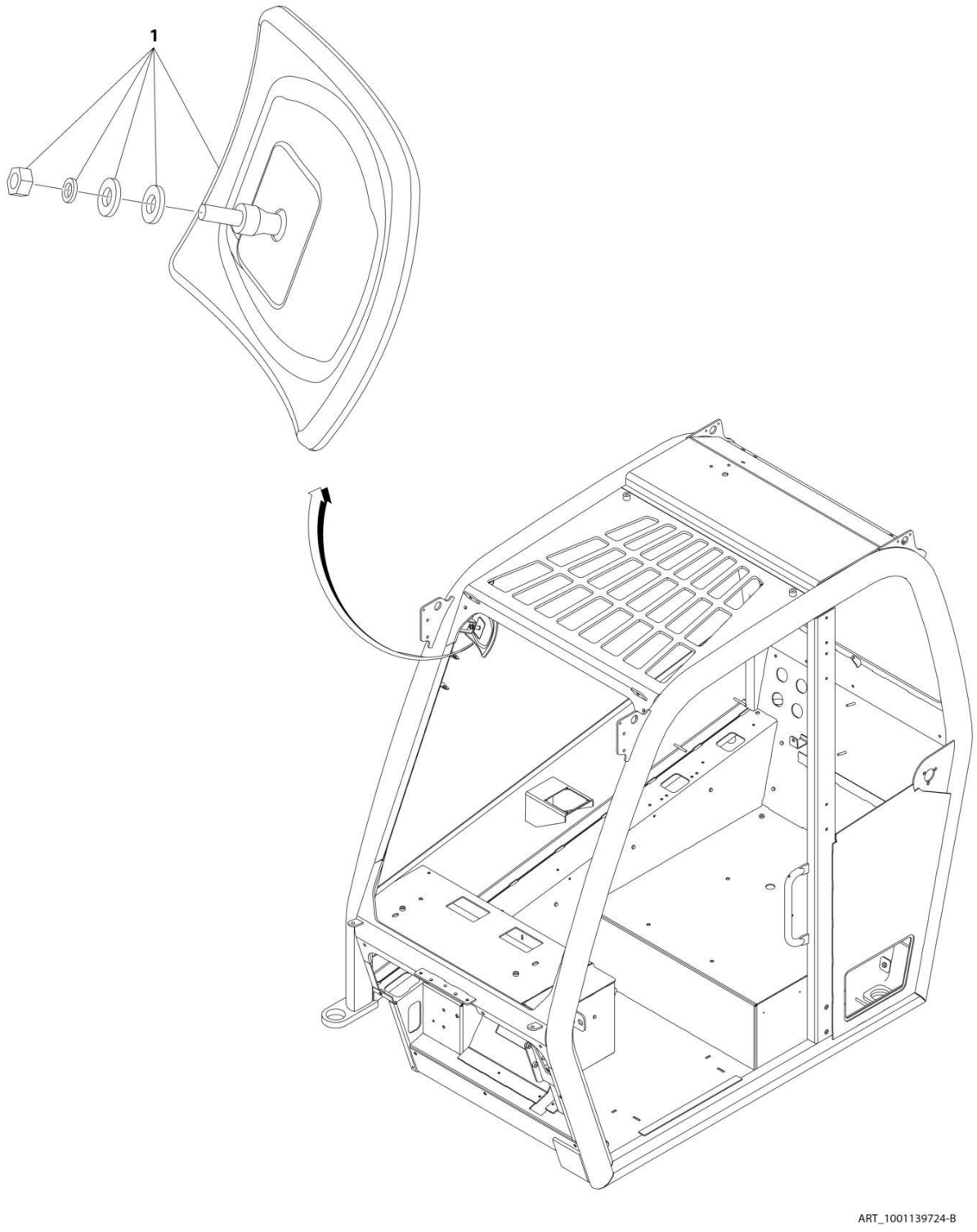


FIGURE 6-10. INTERIOR MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139724	Ref	Interior Mirror Installation	B
1	1001007641	1	Mirror (See Separate Breakdown in this Section)	

FIGURE 6-11. INTERIOR MIRROR

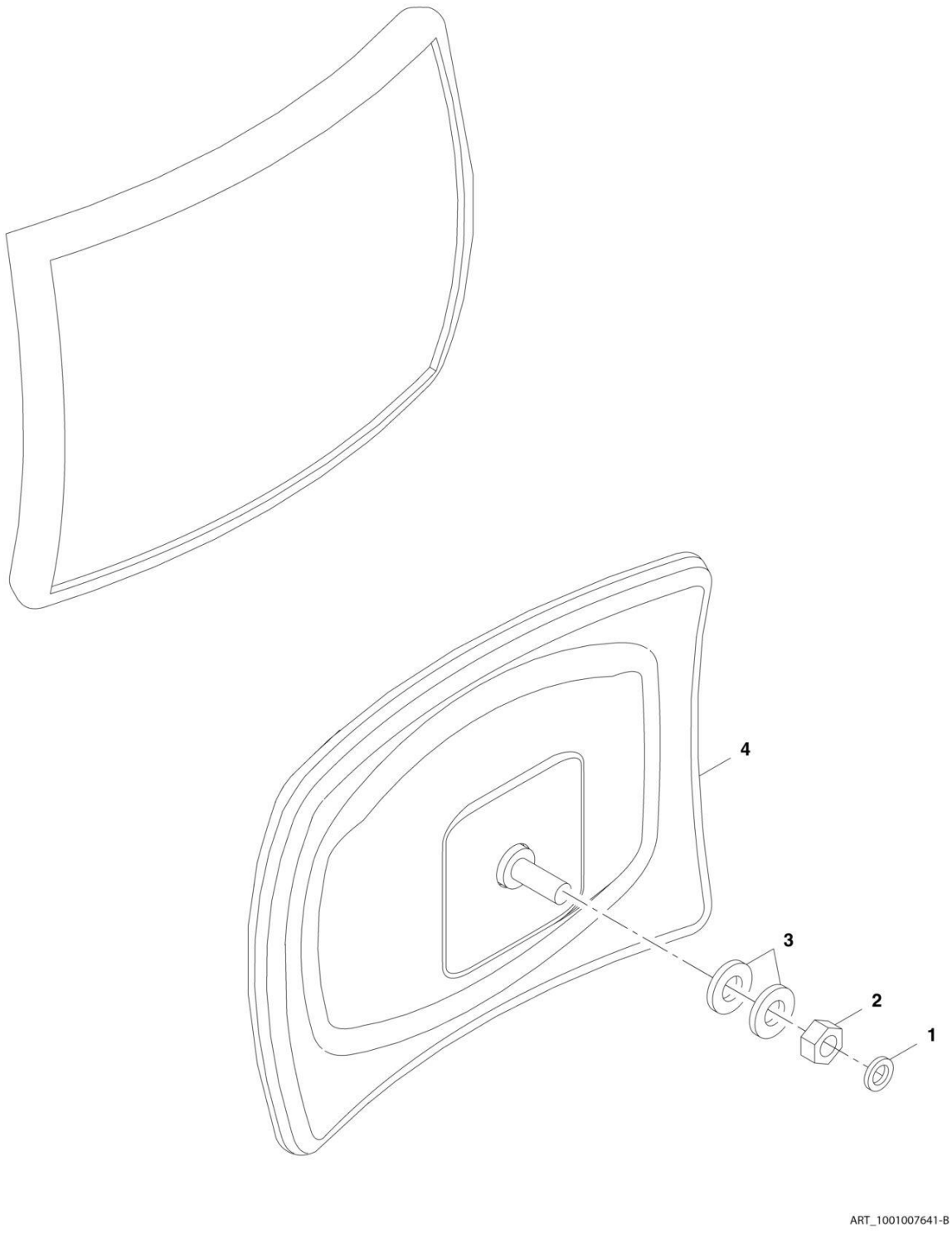


FIGURE 6-11. INTERIOR MIRROR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001007641	Ref	Mirror, Interior	B
1	1001008475	1	Washer, Lock 12	
2	1001008604	1	Nut	
3	1001009124	2	Washer	
4	1001010839	1	MIRROR	

FIGURE 6-12. MIRROR GROUP INSTALLATION

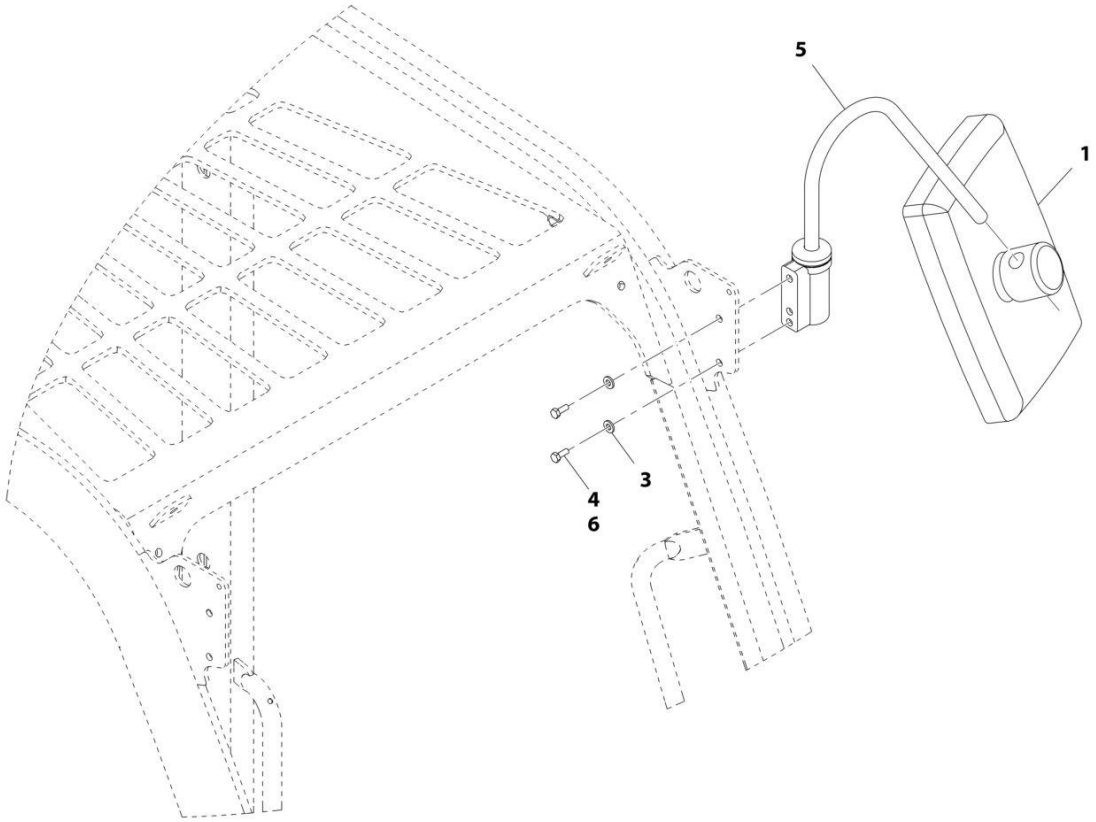


FIGURE 6-12. MIRROR GROUP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139220	Ref	Mirror Group 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 6-13. TRIM INSTALLATION

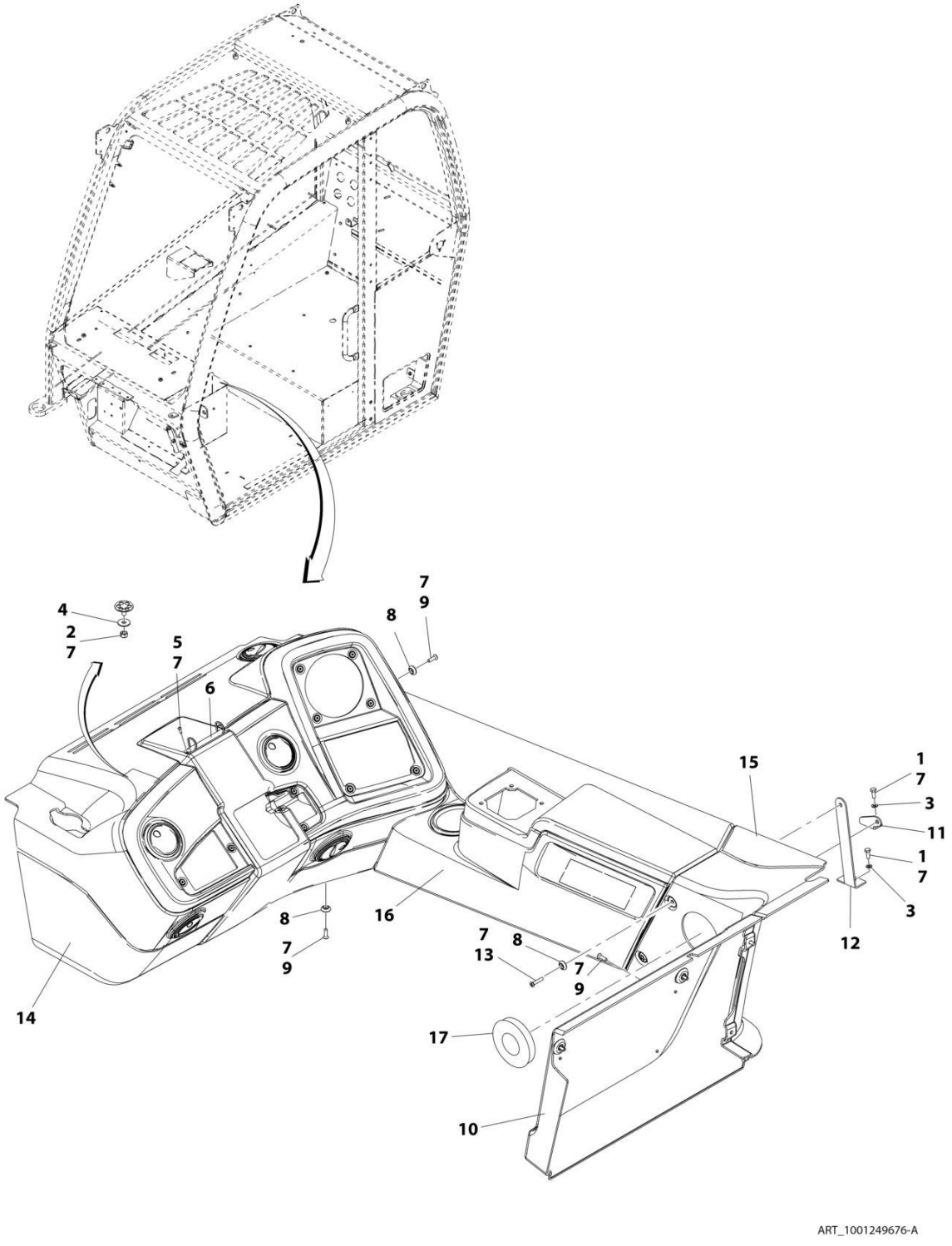


FIGURE 6-13. TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249676	Ref	TRIM INSTALLATION	A
1	0760608	4	Bolt M6 X 16	
2	3290805	2	Nut M8	
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 M6 X 20	
10	1001147459	1	Rear Panel Assembly (See Separate Breakdown in this Section)	
11	1001148598	1	Plate	
12	1001148836	1	Plate	
13	1001149125	2	Screw M6 X 30	
14	1001149277	1	Dash Cover Assembly (See Separate Breakdown in this Section)	
15	1001249262	1	Cover, Side-Rear	
16	1001241563	1	Cover, Side-Rear	
17	1120601	1	Cap, Plug	

FIGURE 6-14. DASH COVER ASSEMBLY

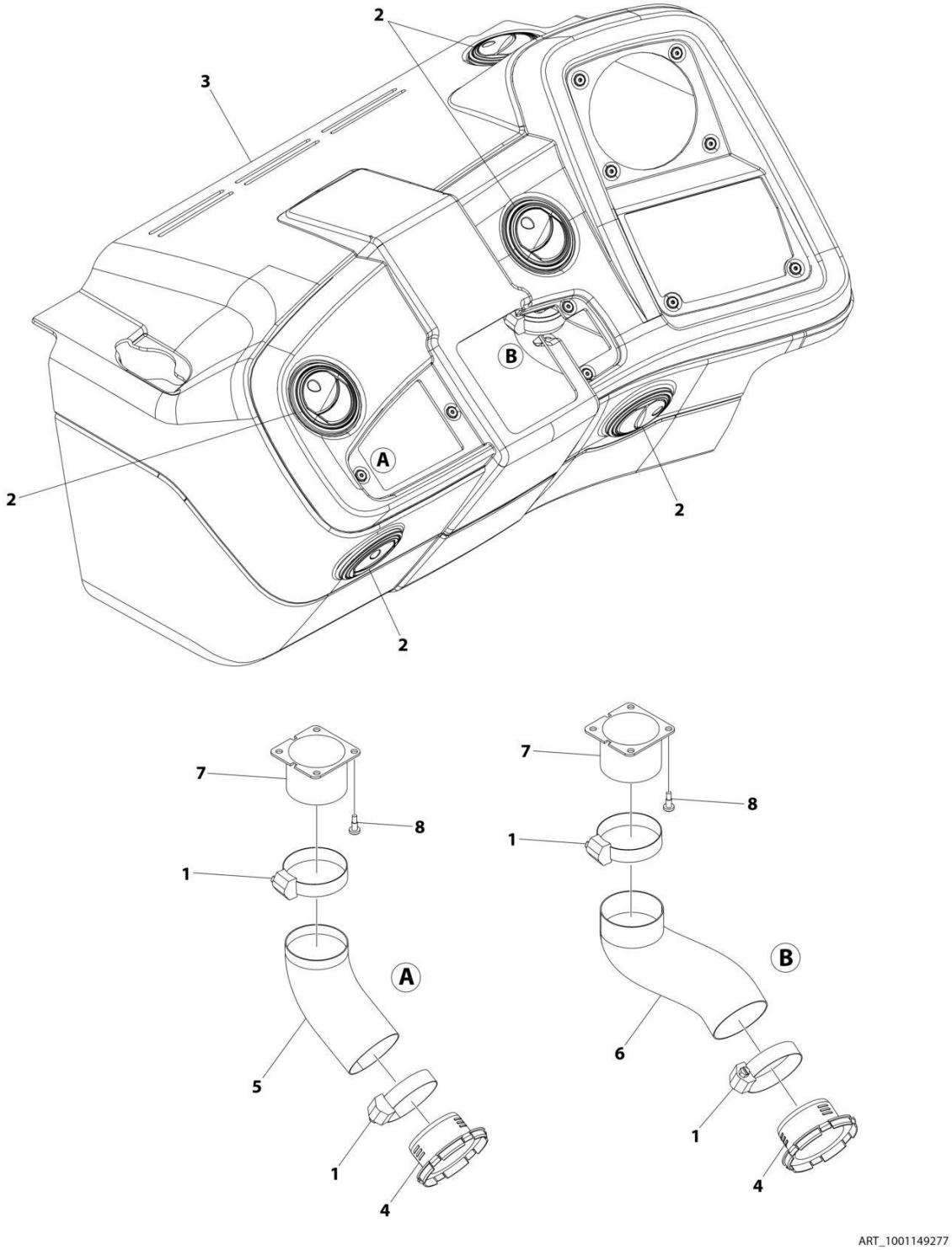


FIGURE 6-14. DASH COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149277	Ref	DASH COVER ASSEMBLY	D
1	8405201	4	Clamp	
2	1001147449	5	Vent	
3	1001185732	1	Cover, Dash	
4	1001149278	2	Connector, Vent	
5	1001149282	1	Hose	
6	1001149422	1	Hose	
7	1001091537	2	Fitting	
8	1001145218	8	Screw M4.8 x 16	

FIGURE 6-15. REAR PANEL ASSEMBLY

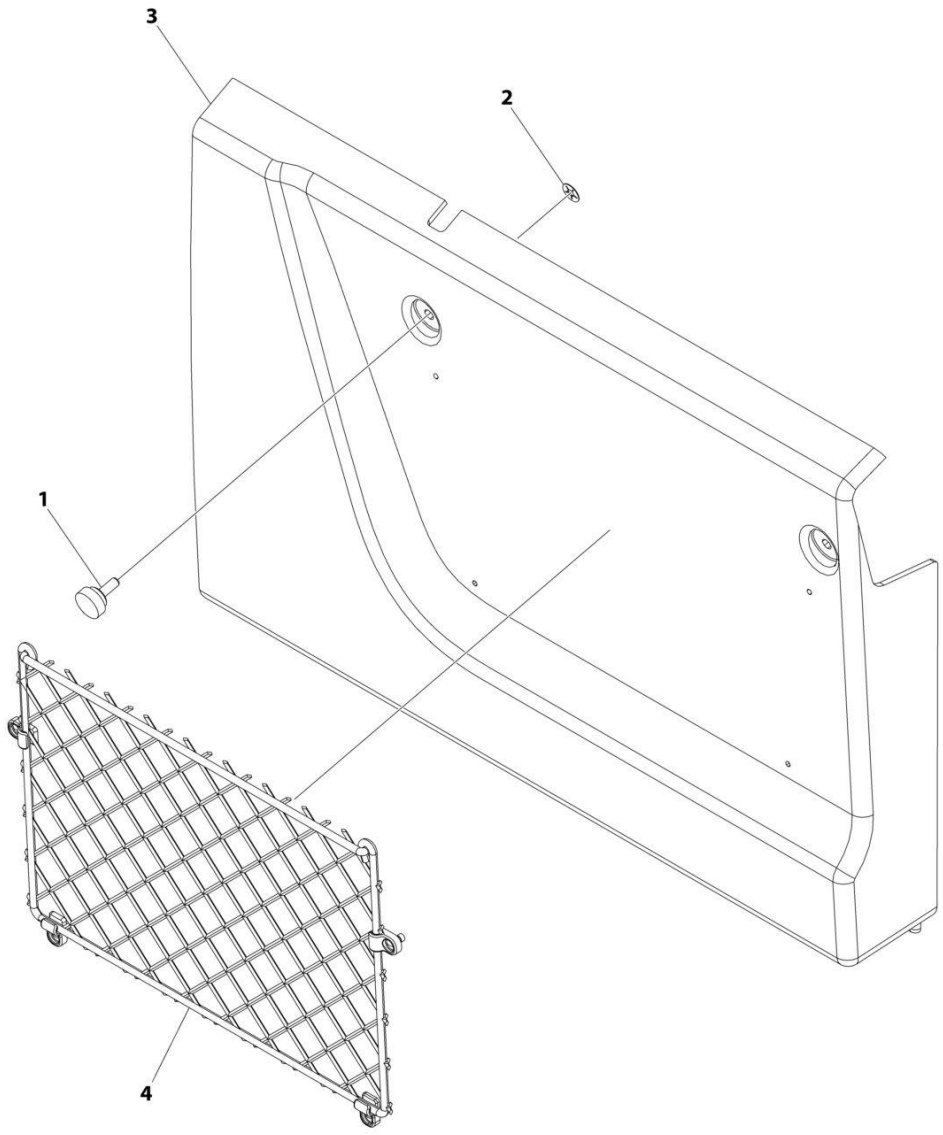


FIGURE 6-15. REAR PANEL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147459	Ref	REAR PANEL ASSEMBLY	B
1	2080092	2	Screw M6 x 16	
2	1001148557	2	Washer	
3	1001185728	1	Panel	
4	1001149013	1	Net	

FIGURE 6-16. COVER PANEL INSTALLATION (PVC 1911)

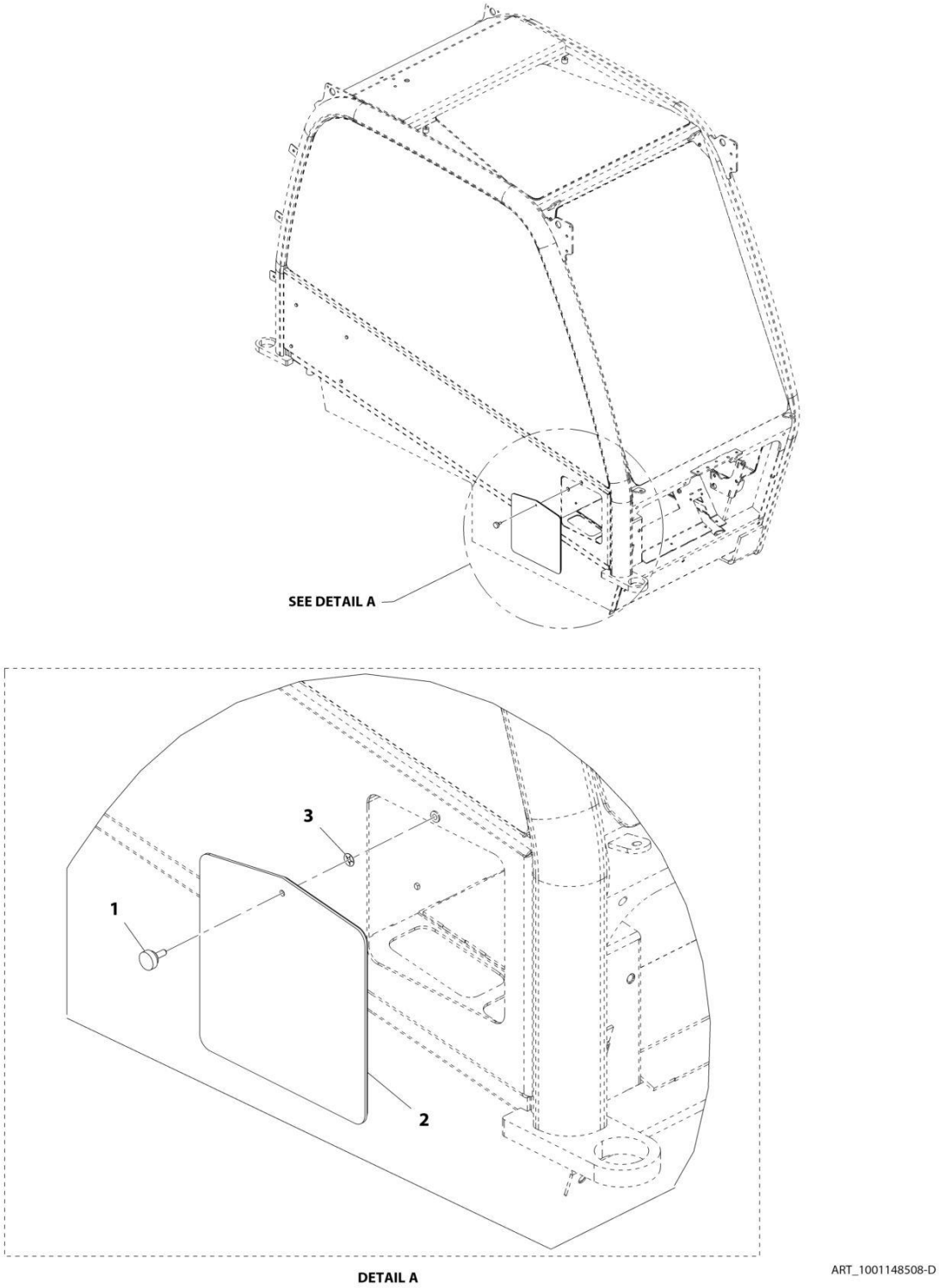


FIGURE 6-16. COVER PANEL INSTALLATION (PVC 1911)

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 6-17. COVER PANEL INSTALLATION (PVC 2005)

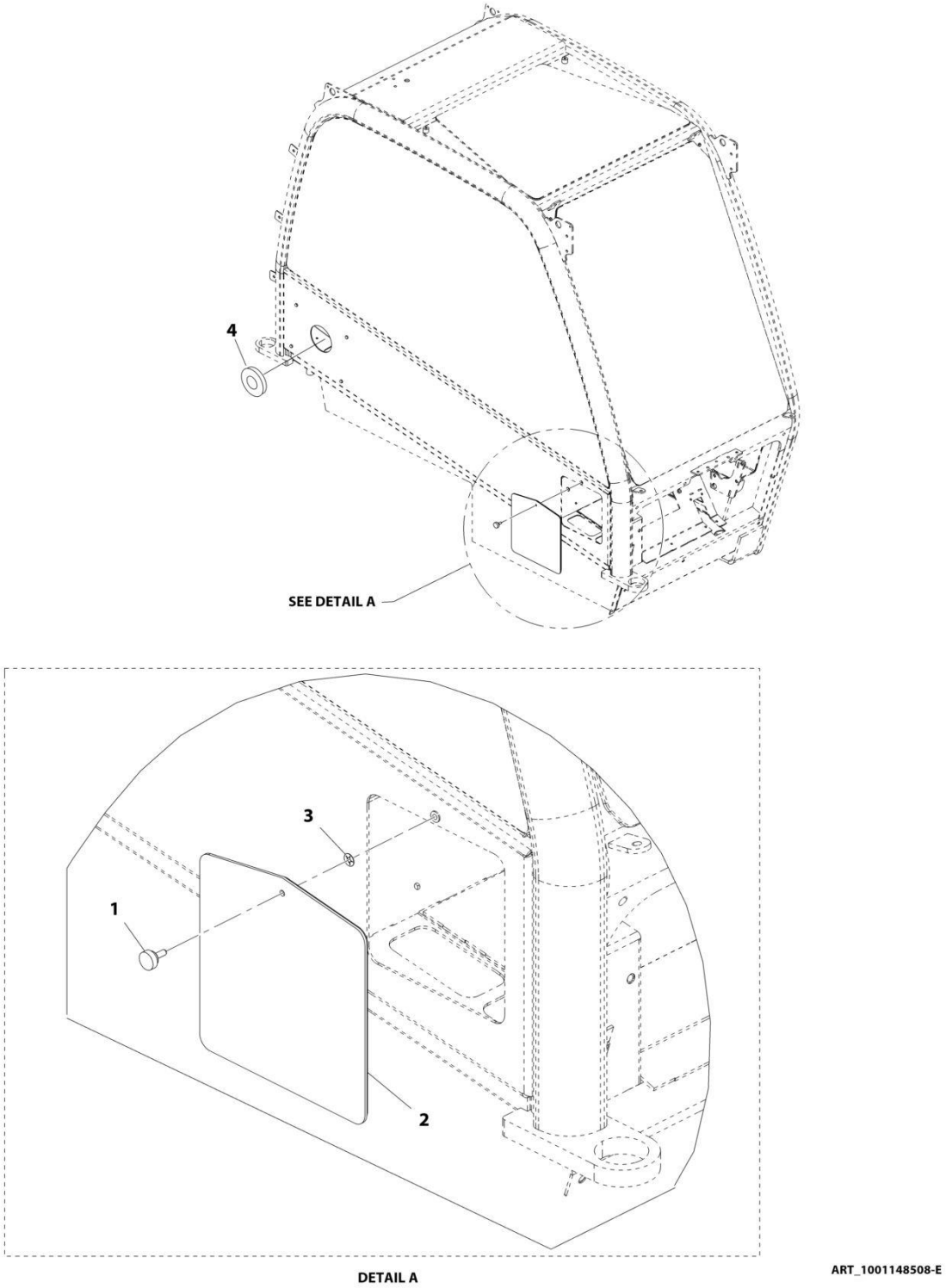


FIGURE 6-17. COVER PANEL INSTALLATION (PVC 2005)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148508	Ref	Cover Panel Installation	E
1	2080092	1	Screw, Thumb M6X16	
2	1001148510	1	Plate, Cover	
3	1001148557	1	Washer, Star	
4	1120601	1	Plug	

FIGURE 6-18. GASKET INSTALLATION

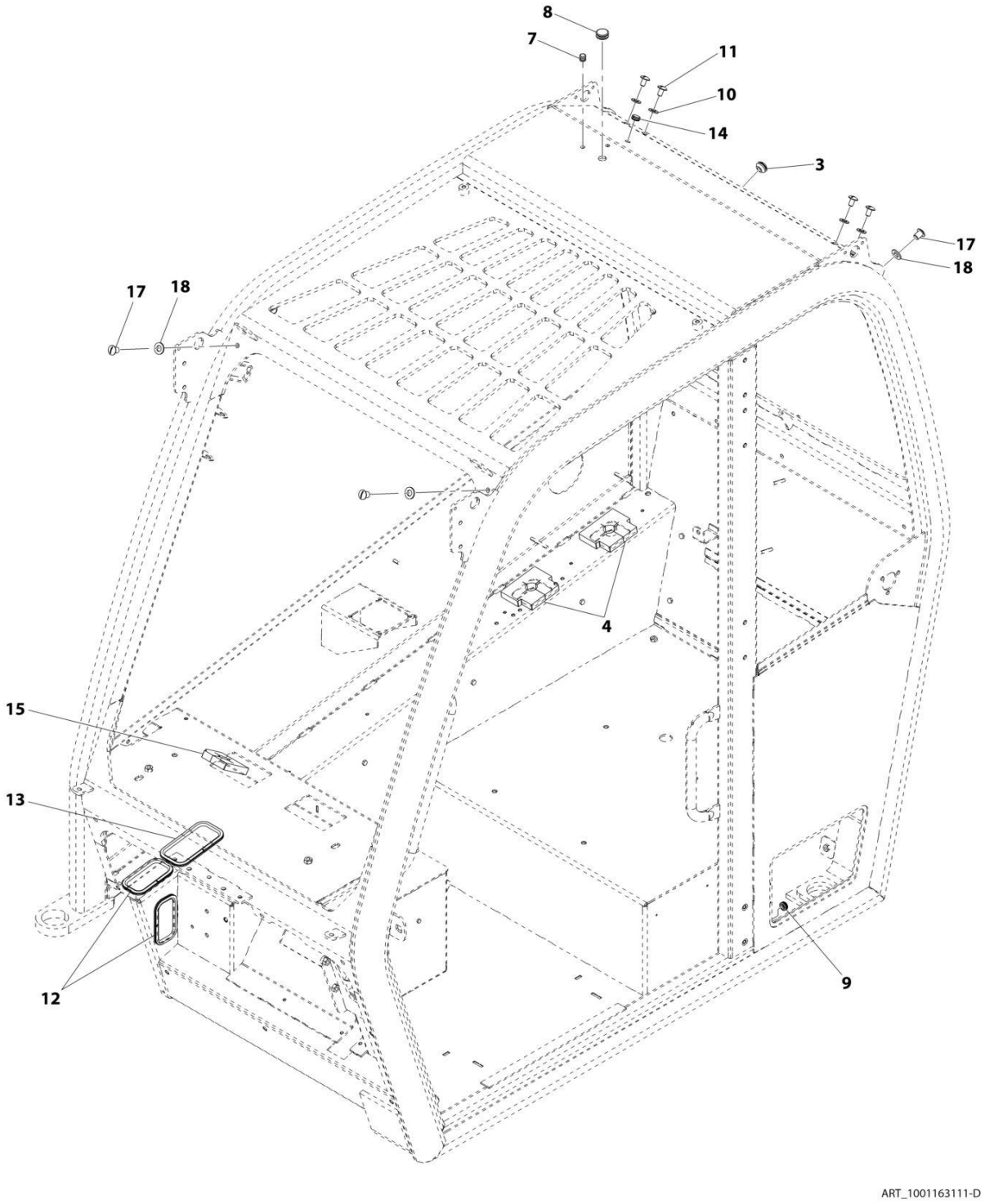


FIGURE 6-18. GASKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163111	Ref	Gasket Installation	D
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	
17	1001198346	4	Screw	
18	1001198350	4	Washer	

FIGURE 6-19. FRONT COVER INSTALLATION

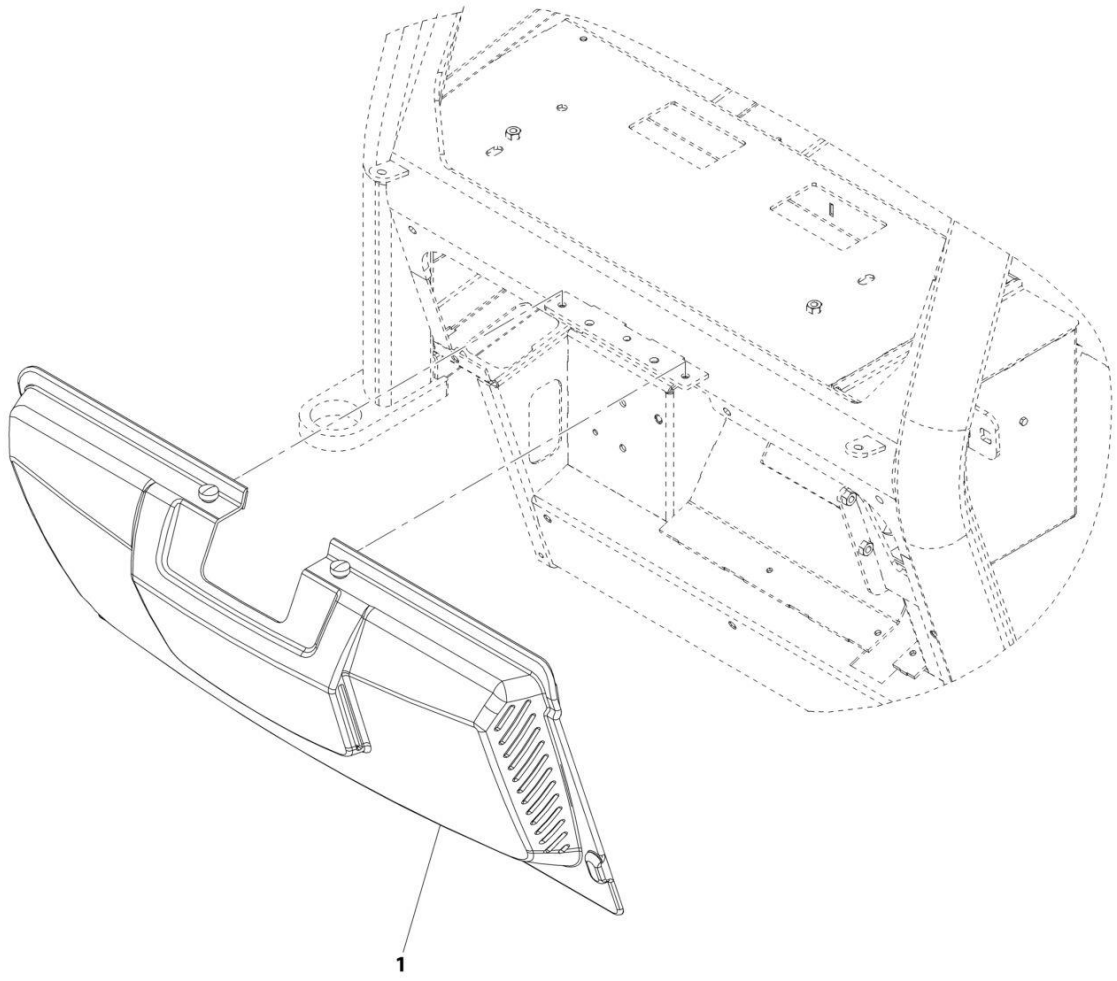


FIGURE 6-19. FRONT COVER INSTALLATION

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 6-20. FRONT COVER ASSEMBLY

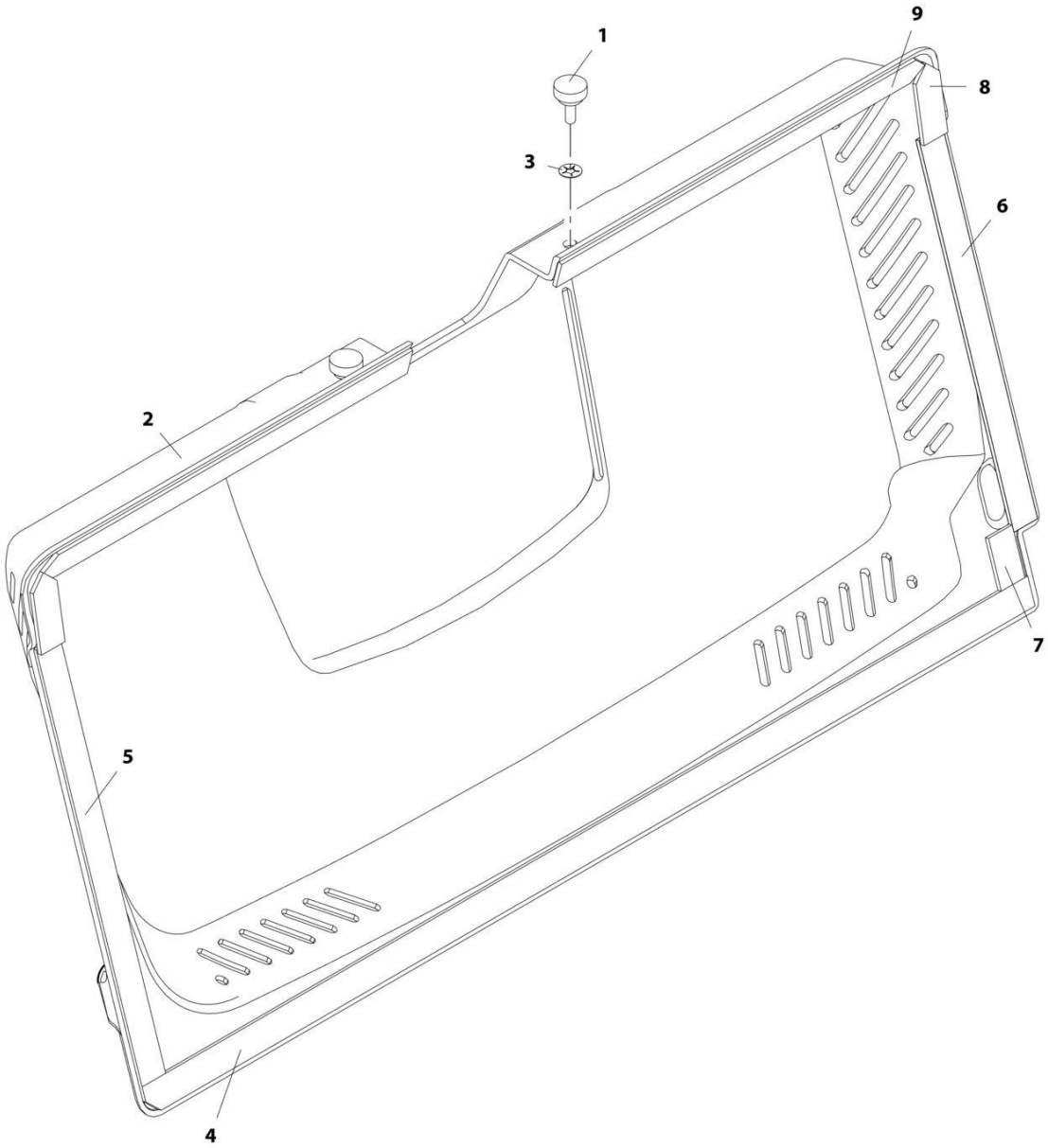


FIGURE 6-20. FRONT COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149136	Ref	Front Cover Assembly	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 6-21. HEADLINER INSTALLATION

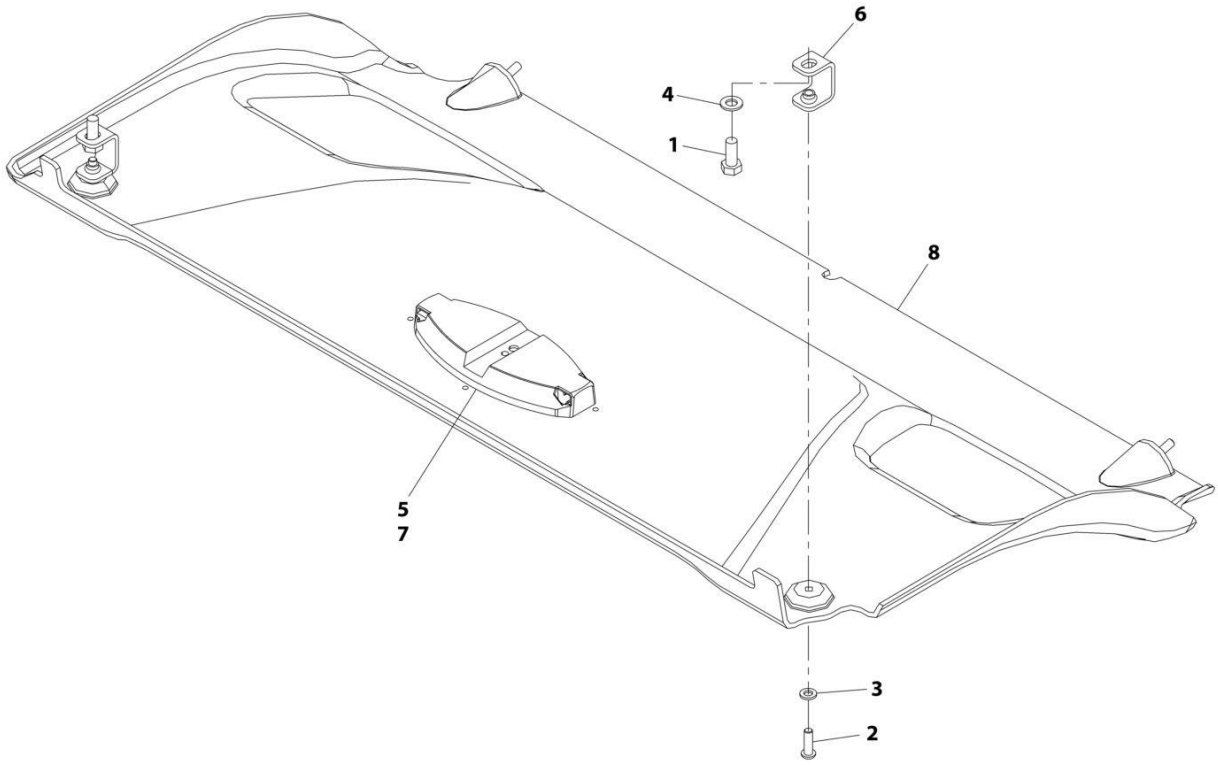


FIGURE 6-21. HEADLINER INSTALLATION

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 6-22. FRONT PANEL INSTALLATION

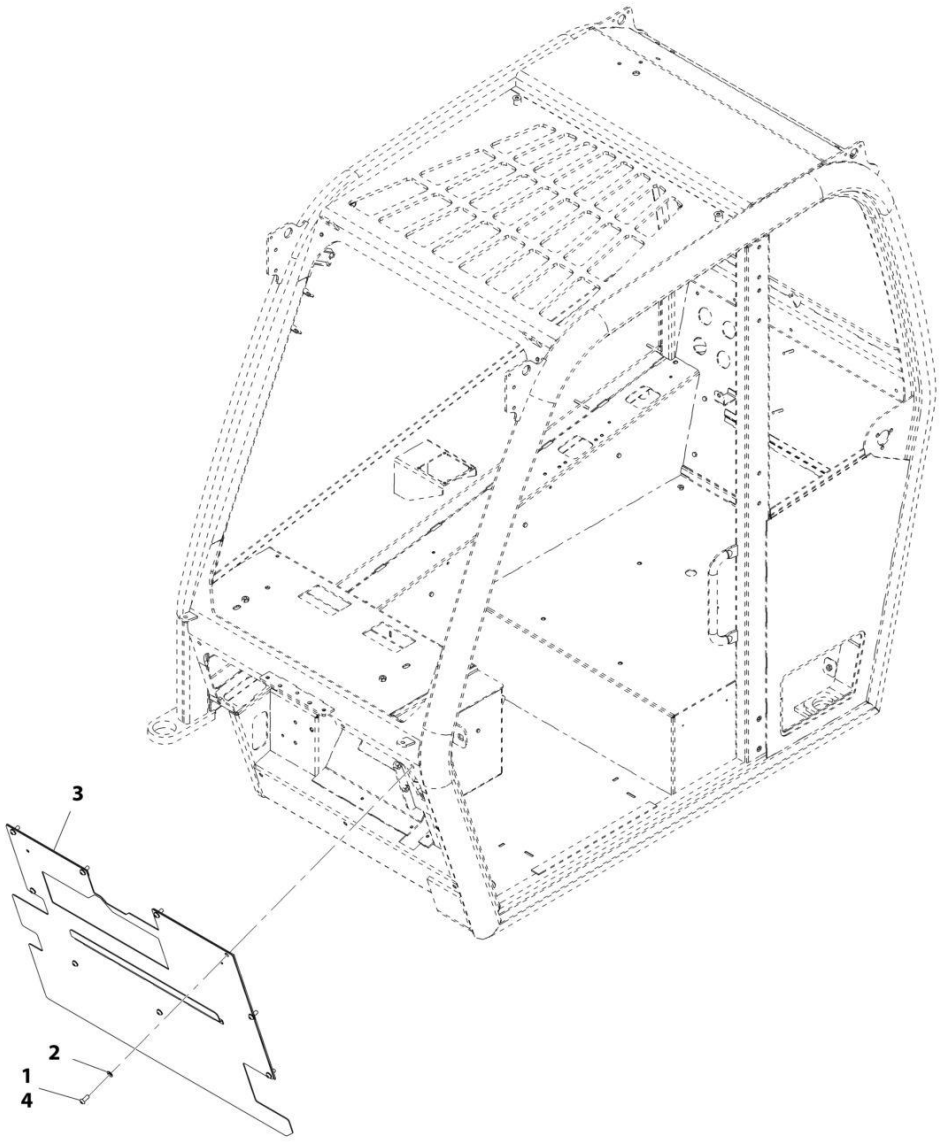


FIGURE 6-22. FRONT PANEL INSTALLATION

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 6-23. REAR COVER PANEL INSTALLATION

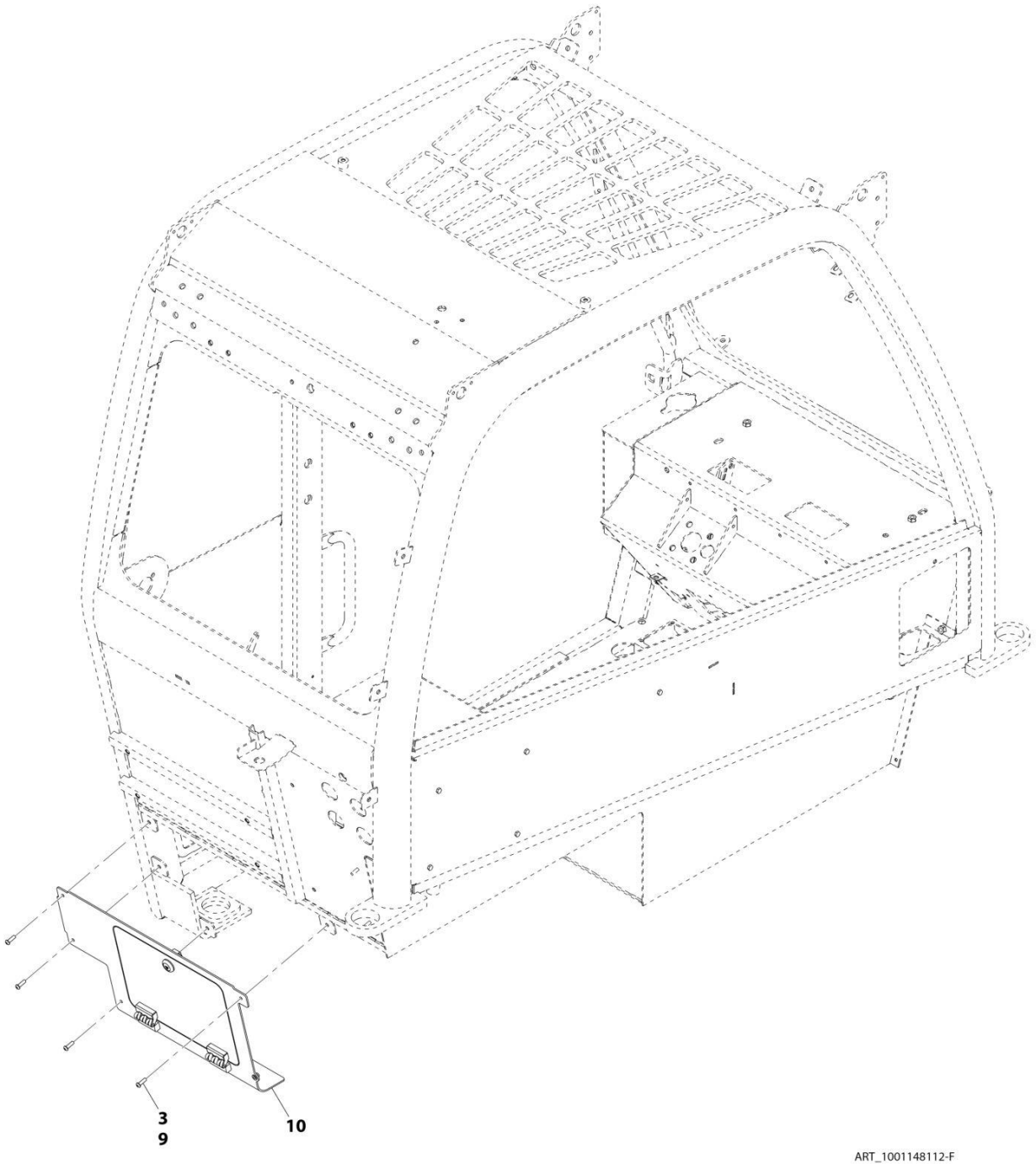


FIGURE 6-23. REAR COVER PANEL INSTALLATION

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 6-24. REAR WINDOW INSTALLATION

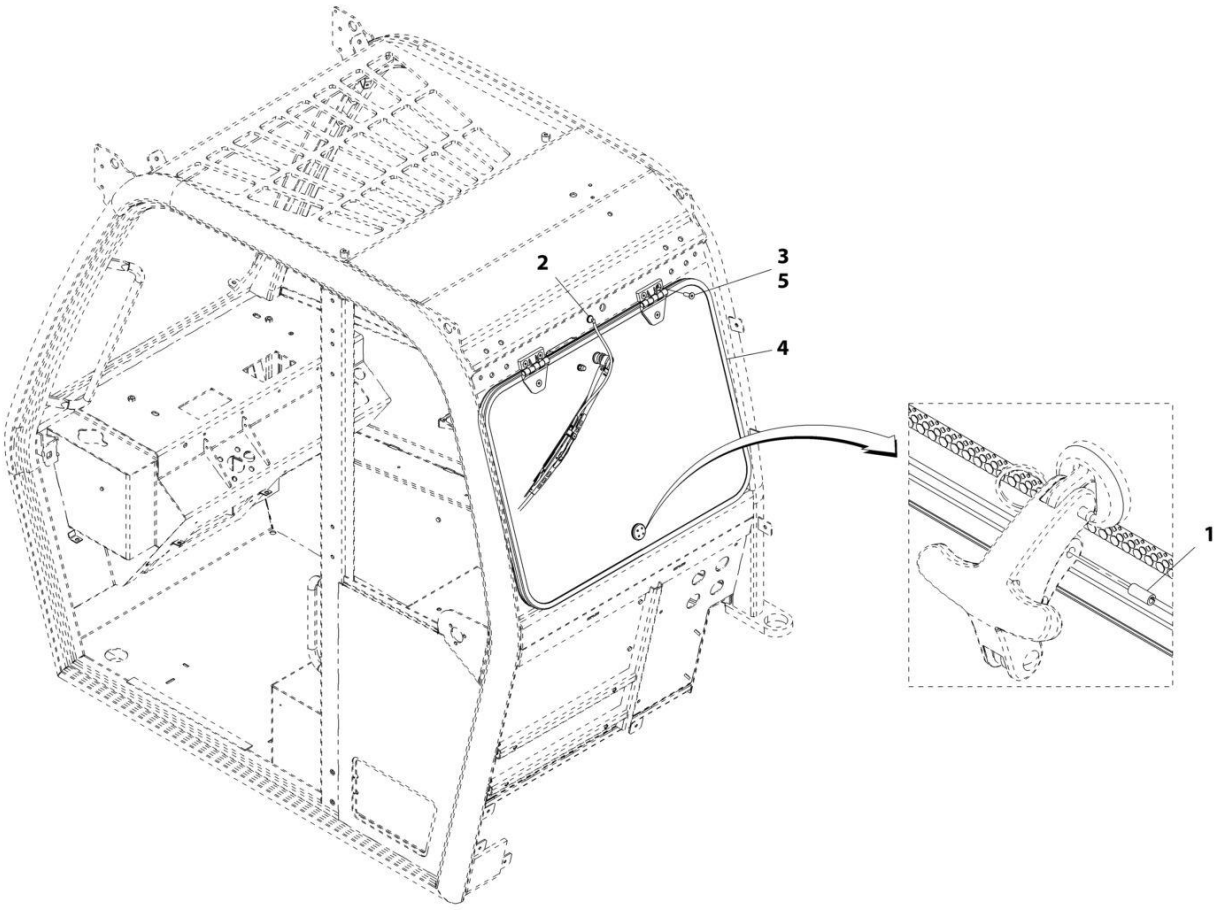


FIGURE 6-24. REAR WINDOW INSTALLATION

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 Separate Breakdown in this Section)	
5	1001095650	AR	Compound, Locking	

FIGURE 6-25. REAR WINDOW

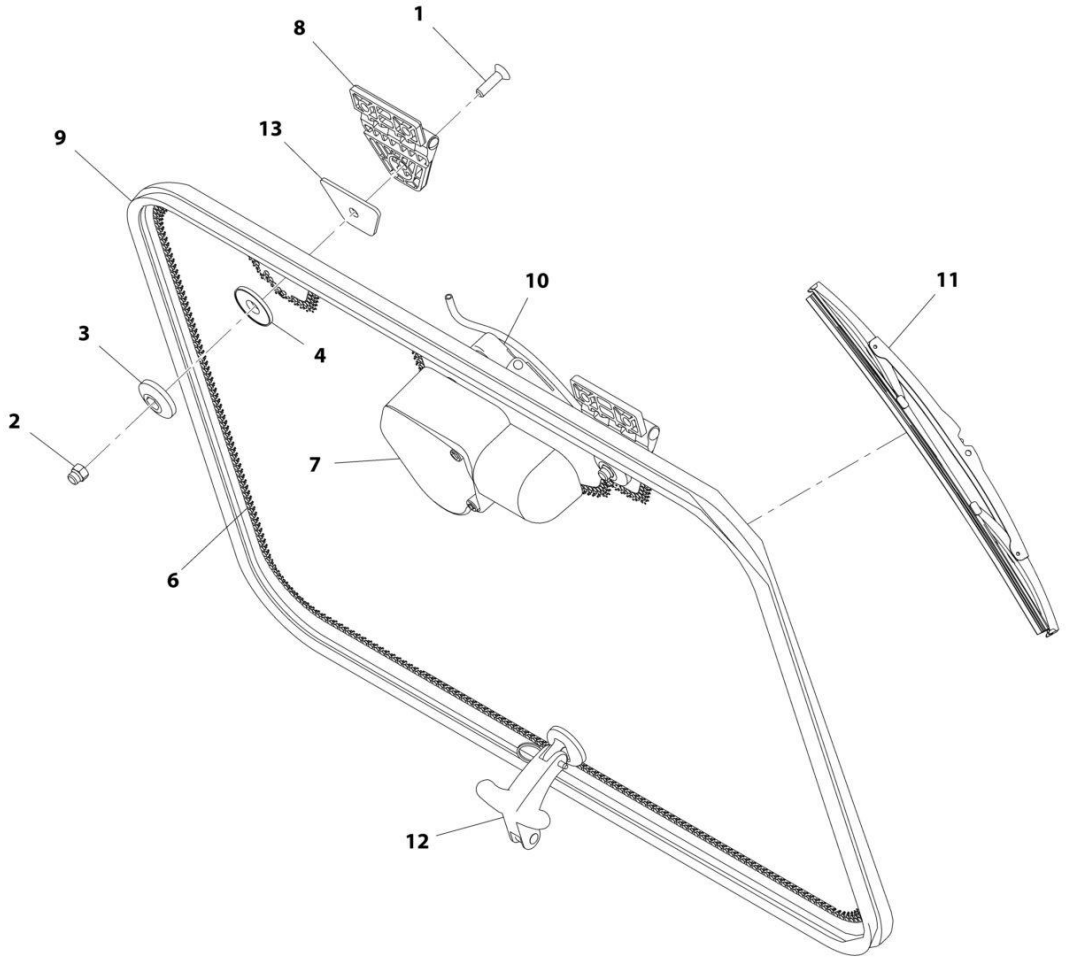


FIGURE 6-25. REAR WINDOW

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 6-26. CAB DOOR INSTALLATION

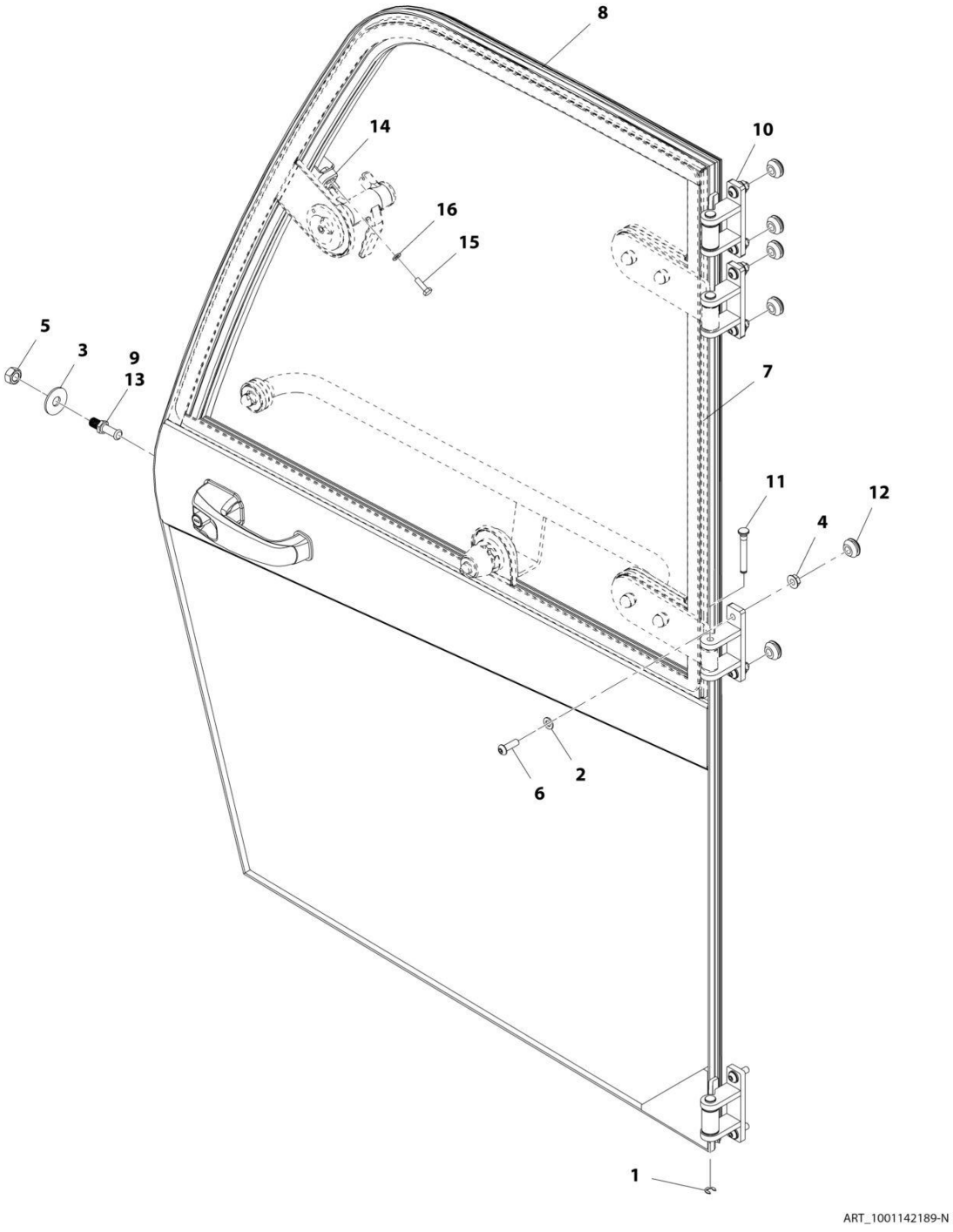


FIGURE 6-26. CAB DOOR INSTALLATION

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	1001178671	1	Installation, Window (See Separate Breakdown in this Section)	
8	1001142252	1	Door Cab (See Separate Breakdown in this Section)	
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 6-27. WINDOW INSTALLATION

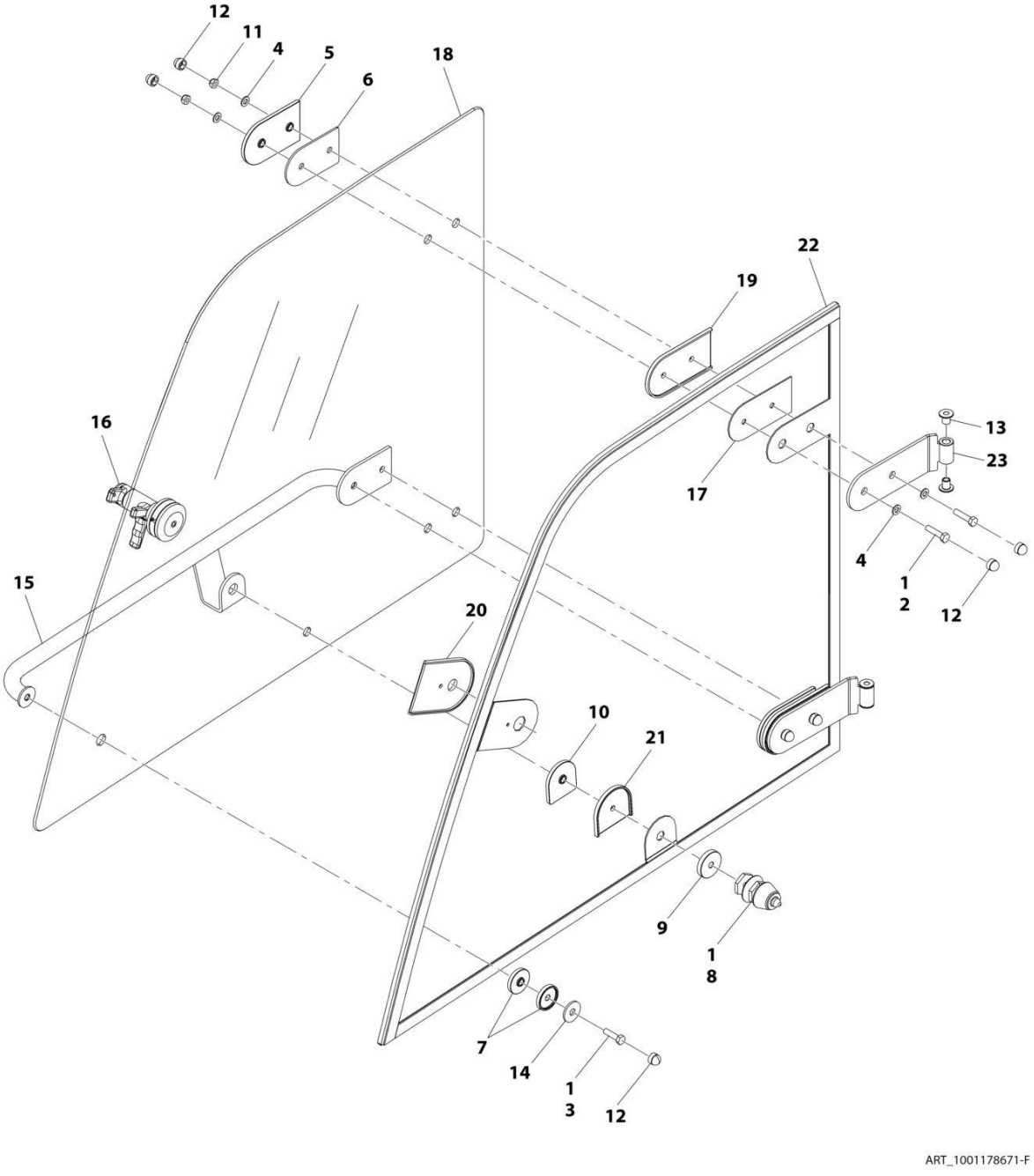


FIGURE 6-27. WINDOW INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178671	Ref	Window Installation	F
1	1001095650	AR	Compound, Locking	
2	0700815	4	Bolt, M8X35	
3	0760814	1	Bolt, M8X30	
4	4811900	7	Washer, M8	
5	1001002946	2	Mount, Hinge	
6	1001002947	1	Mount, Hinge	
7	1001002953	2	Mount, Rubber	
8	1001002955	1	Latch, Striker	
9	1001002956	1	Washer	
10	1001002957	1	Mount, Latch	
11	1001008857	3	Nut, Lock	
12	1001096365	8	Cap, M8	
13	1001107192	4	Sleeve, Hinge	
14	1001141246	1	Mount, Handle	
15	1001142210	1	Handle	
16	1001165275	1	Latch, Window	
17	1001168447	2	Plate	
18	1001168453	1	Window	
19	1001168705	2	Mount, Hinge	
20	1001168829	1	Seal	
21	1001169787	1	Seal	
22	1001178603	1	Frame, Cab Window	
23	1001178723	2	Hinge	

FIGURE 6-28. DOOR ASSEMBLY

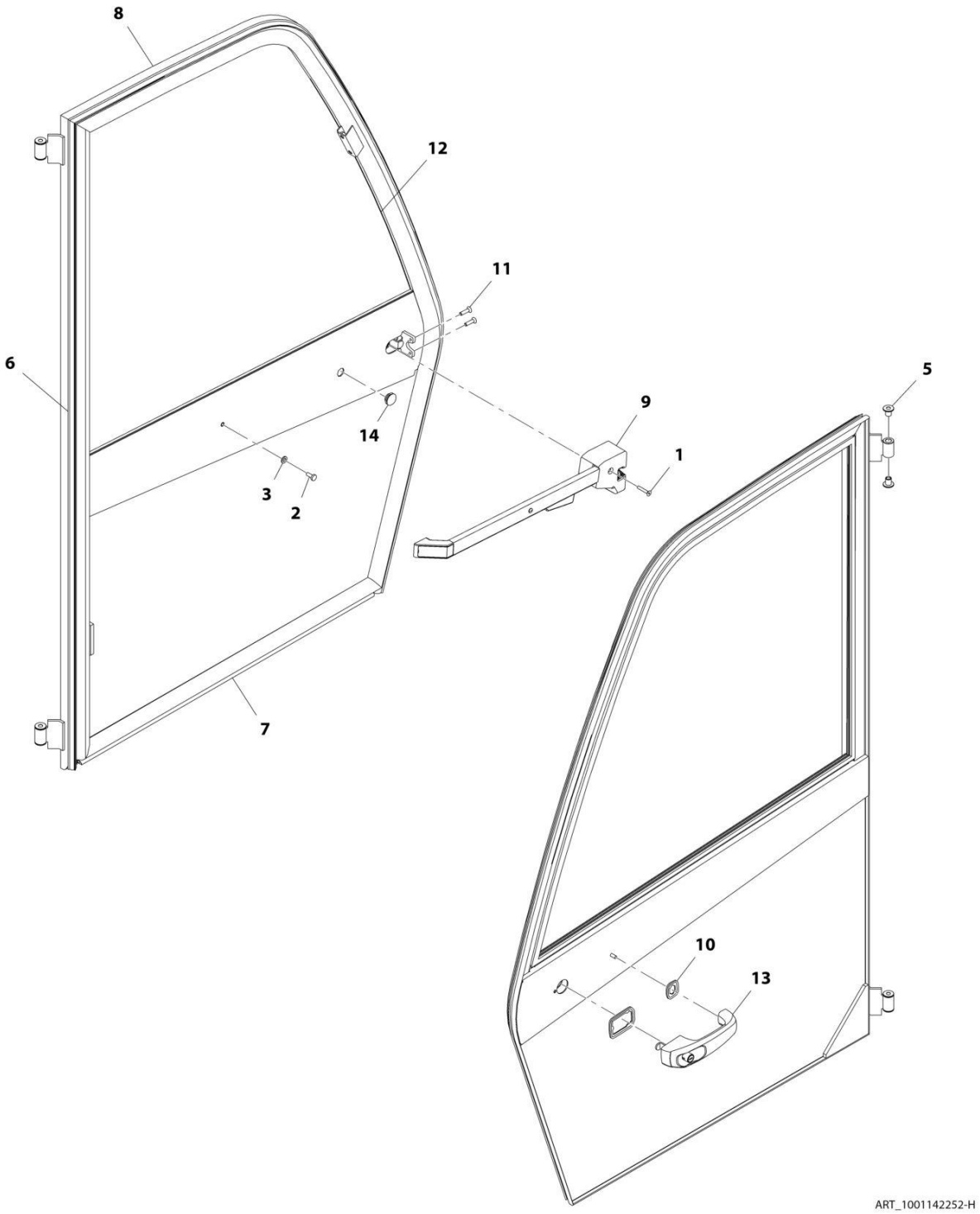


FIGURE 6-28. DOOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142252	Ref	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 6-29. VINYL SEAT INSTALLATION

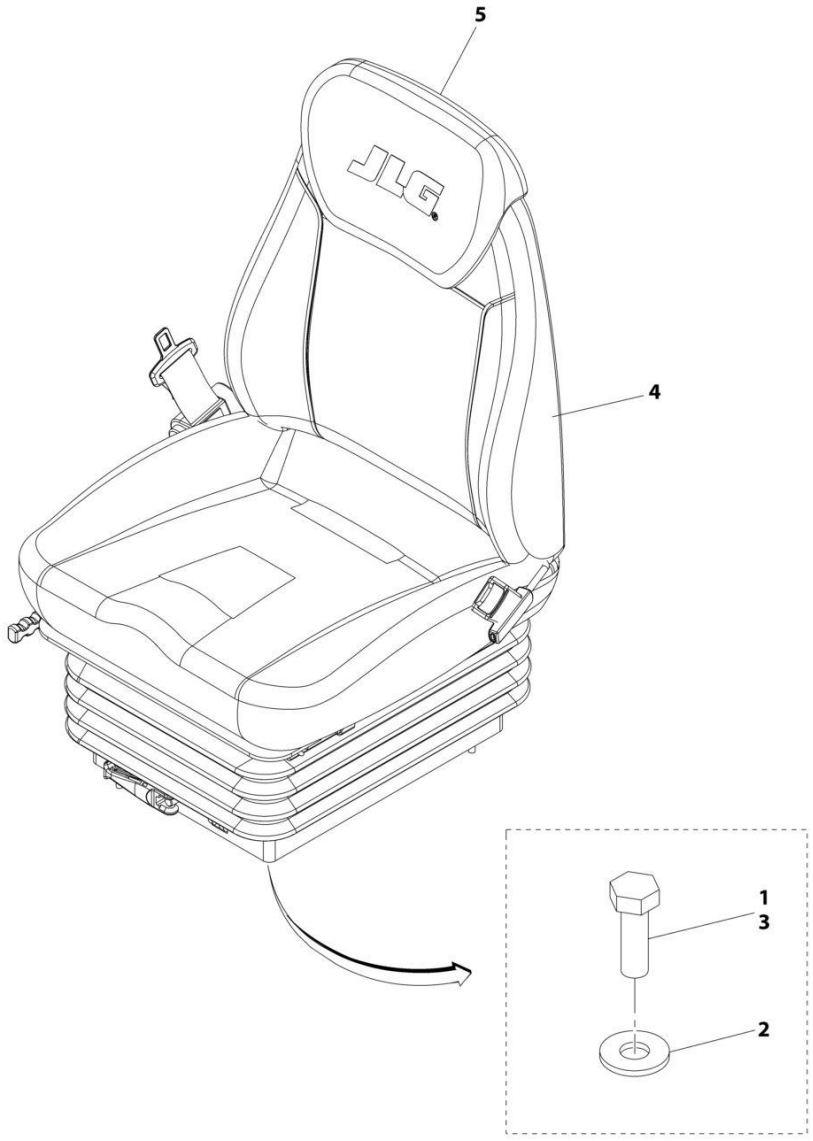


FIGURE 6-29. VINYL SEAT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144399	Ref	Vinyl Seat Installation	D
1	1001095650	AR	Compound, Locking	
2	1001008666	4	Washer	
3	0770812	4	Bolt	
4	1001150293	1	Vinyl Seat (See Separate Breakdown in this Section)	
5	1001150303	1	Headrest, Vinyl	

FIGURE 6-30. VINYL SEAT

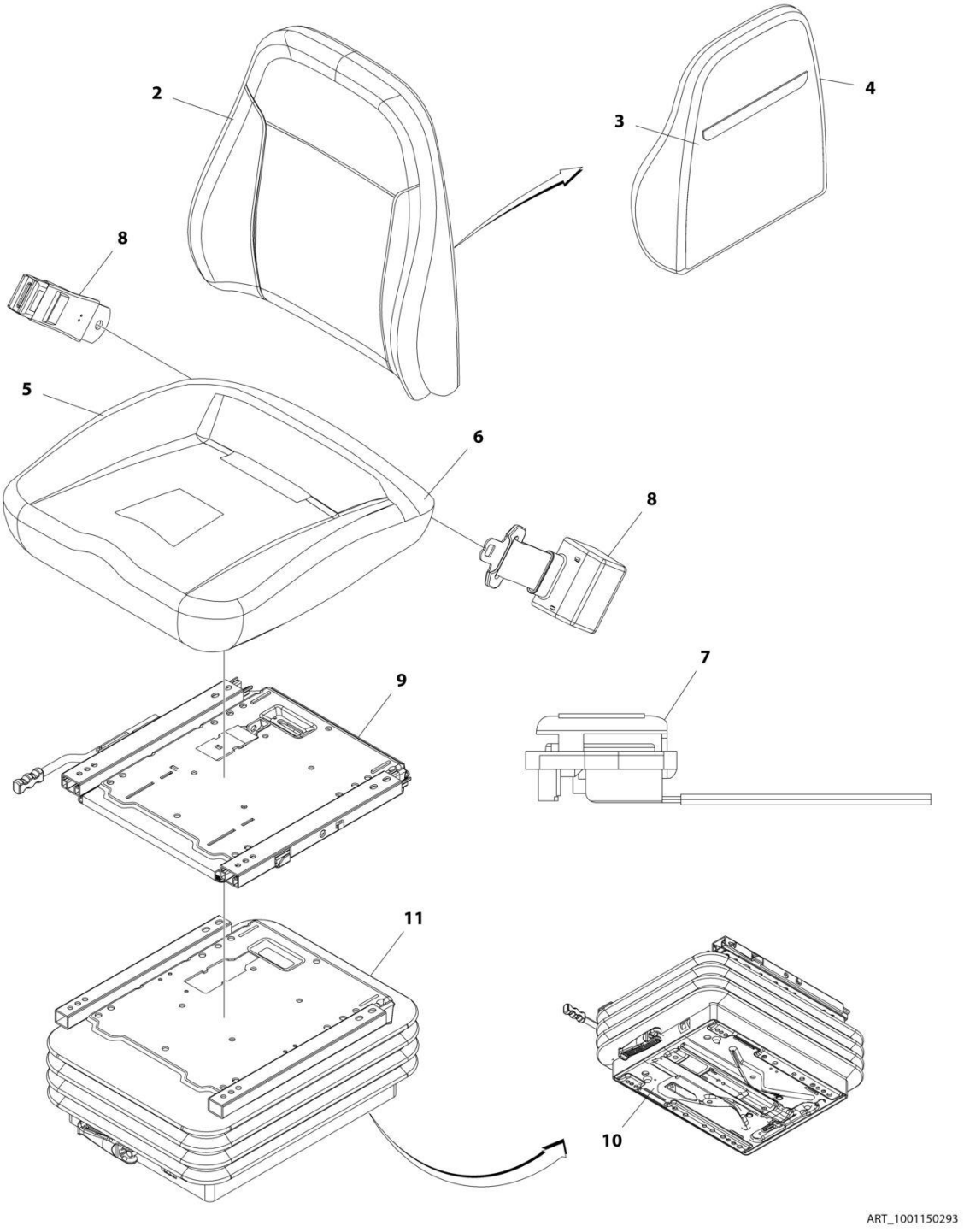


FIGURE 6-30. VINYL SEAT

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 6-31. CLOTH SEAT INSTALLATION

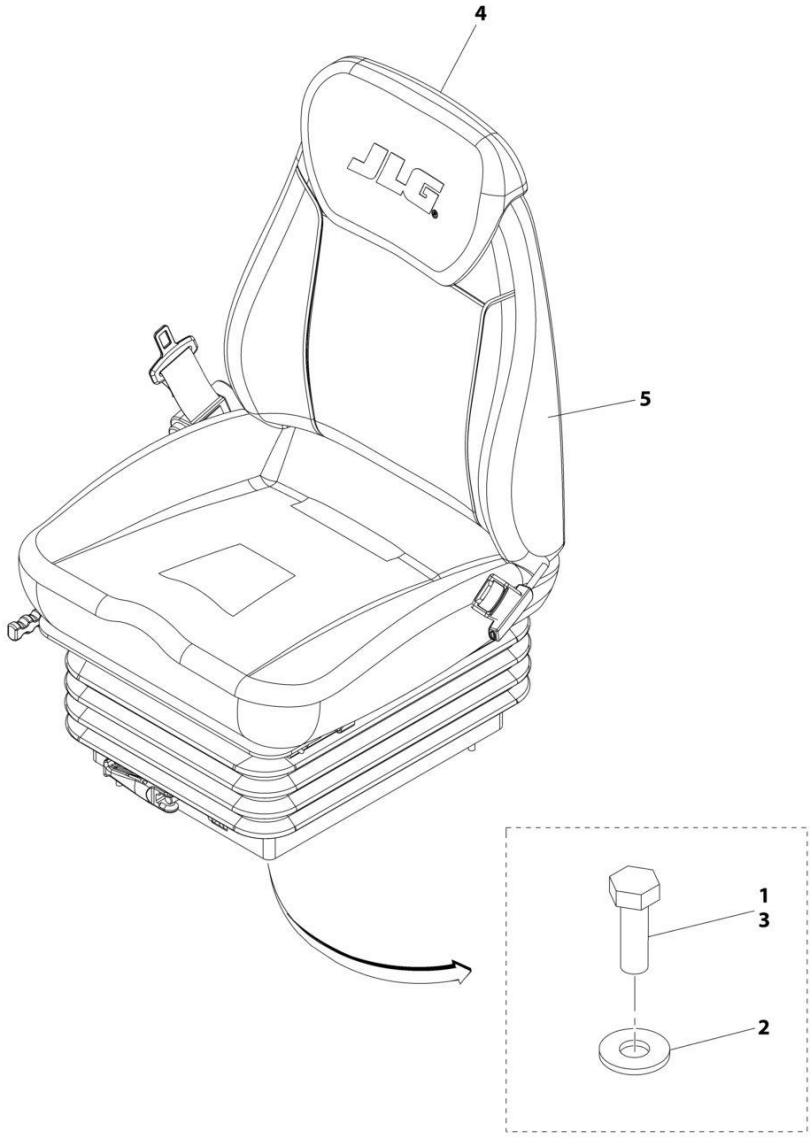


FIGURE 6-31. CLOTH SEAT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144400	Ref	Cloth Seat Installation	D
1	1001095650	AR	Compound, Locking	
2	1001008666	4	Washer	
3	0770812	4	Bolt	
4	1001119467	1	Headrest, Cloth	
5	1001150294	1	Seat, Cloth (See Separate Breakdown in this Section)	

FIGURE 6-32. CLOTH SEAT

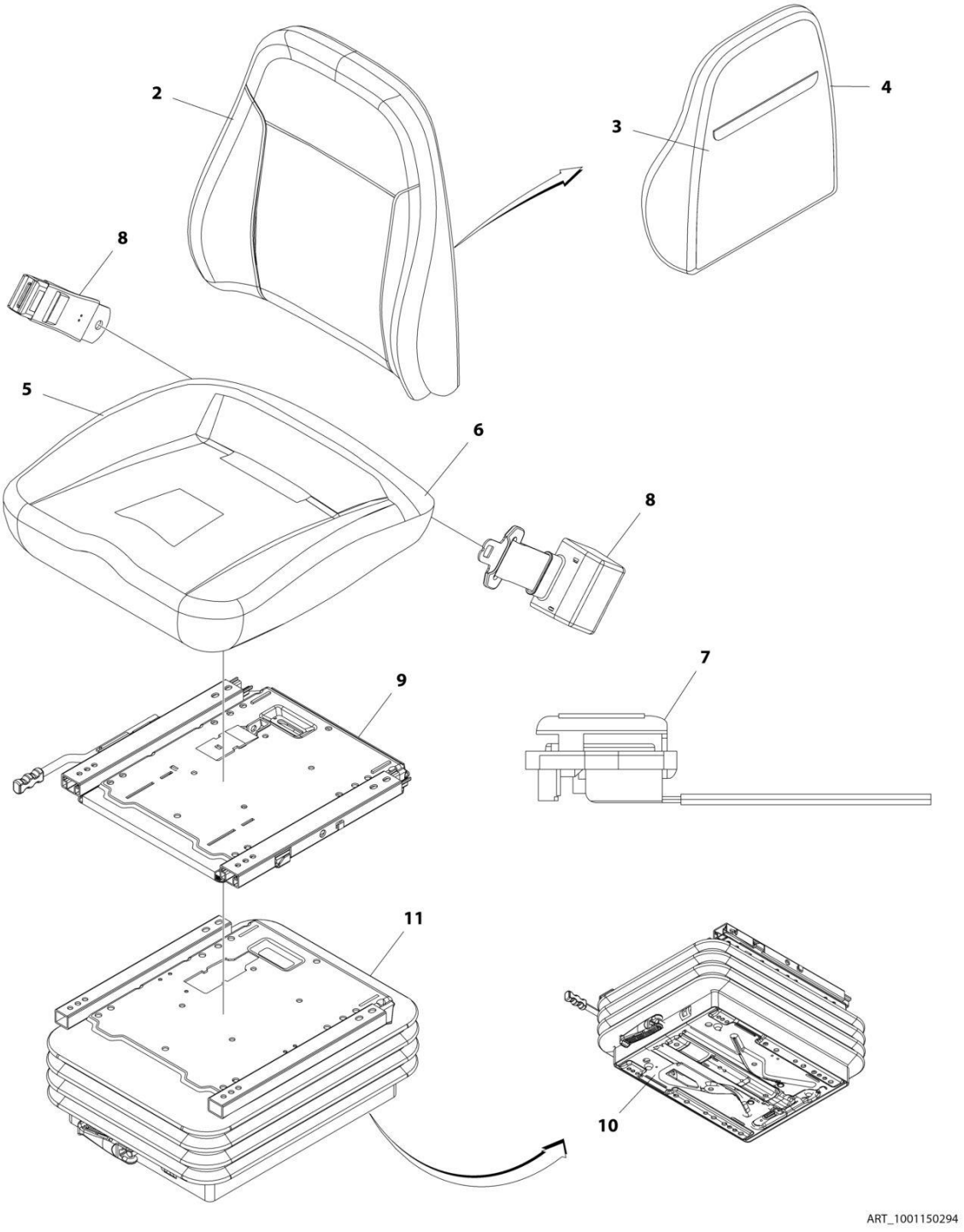


FIGURE 6-32. CLOTH SEAT

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

FIGURE 6-33. FRONT WIPER INSTALLATION

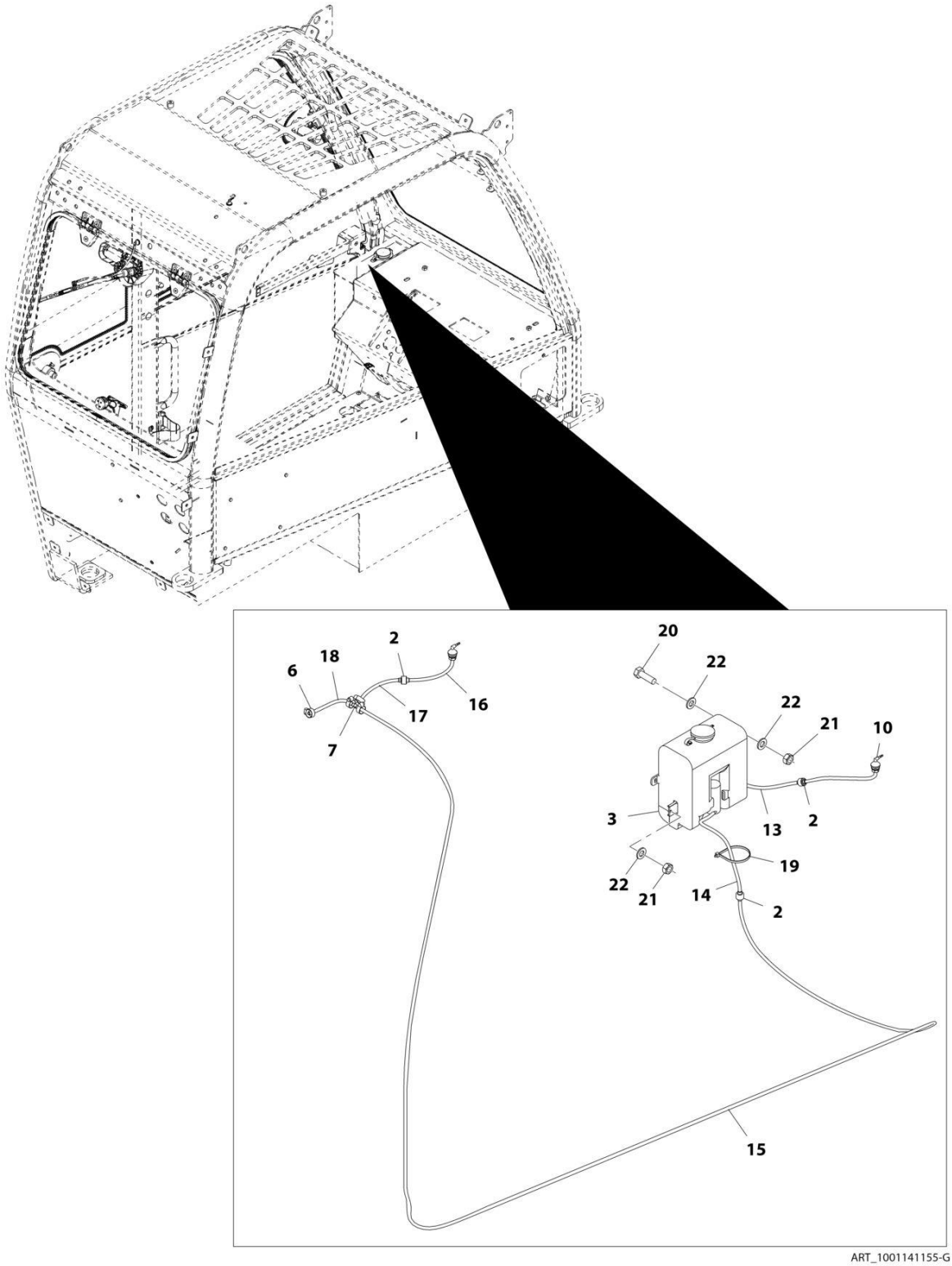


FIGURE 6-33. FRONT WIPER INSTALLATION

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 6-34. FRONT WIPER INSTALLATION

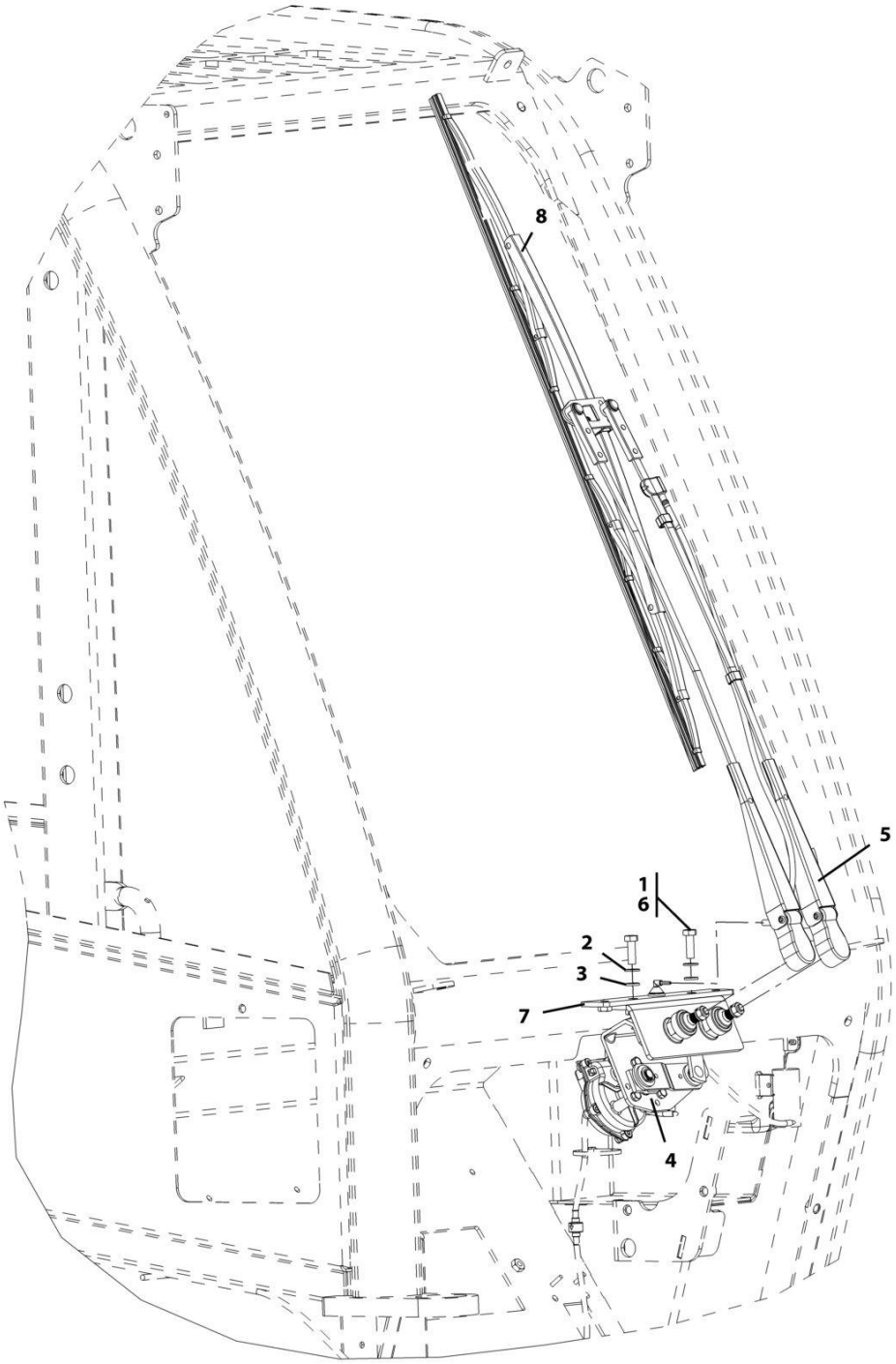


FIGURE 6-34. FRONT WIPER INSTALLATION

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 6-35. ROOF WIPER INSTALLATION

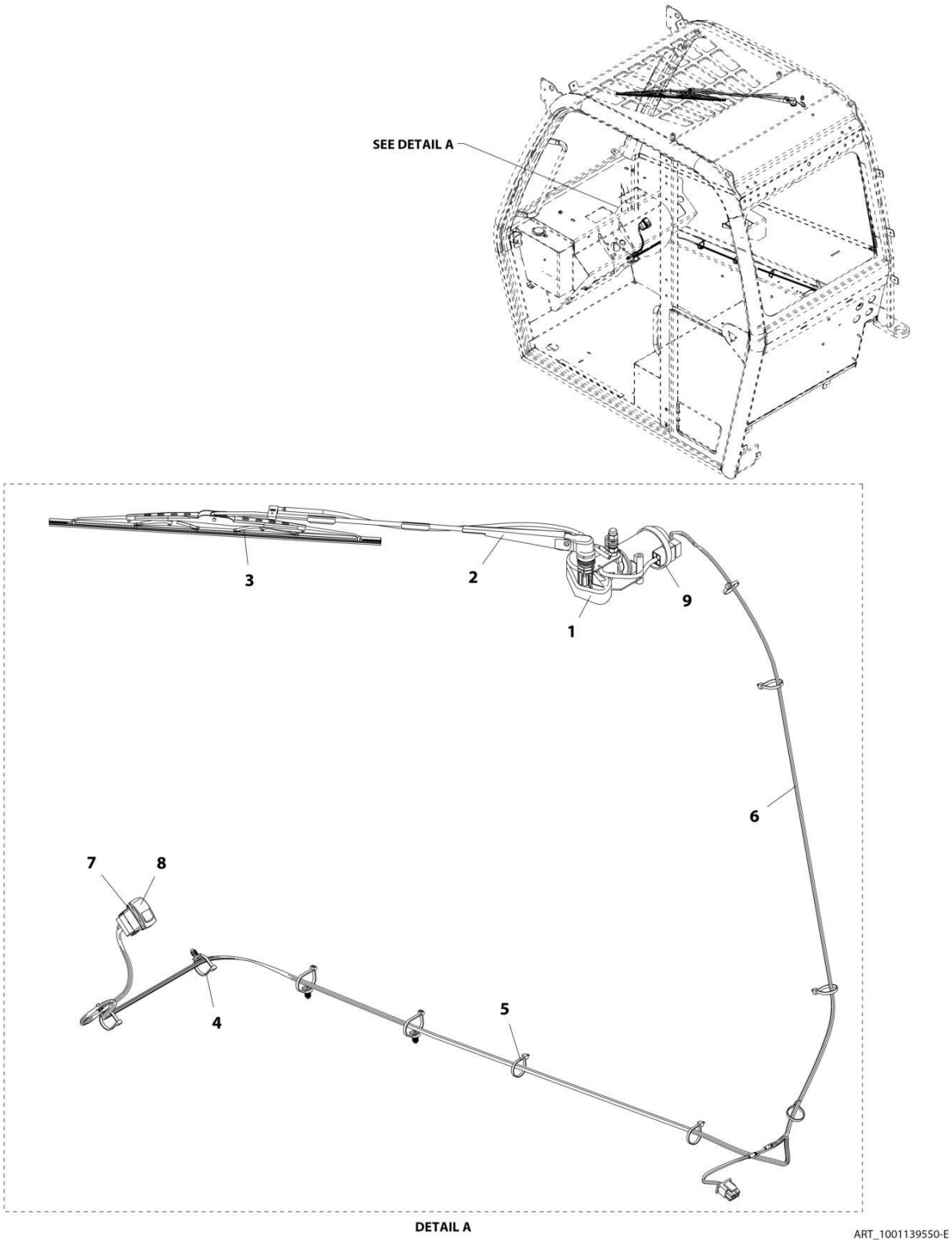


FIGURE 6-35. ROOF WIPER INSTALLATION

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 Separate Breakdown in ELECTRICAL Section)	
7	1001146729	1	Switch, Wiper	
8	1001149967	1	Switch, Wiper	
9	1062255	1	Strap, Cable	

FIGURE 6-36. HEATER INSTALLATION

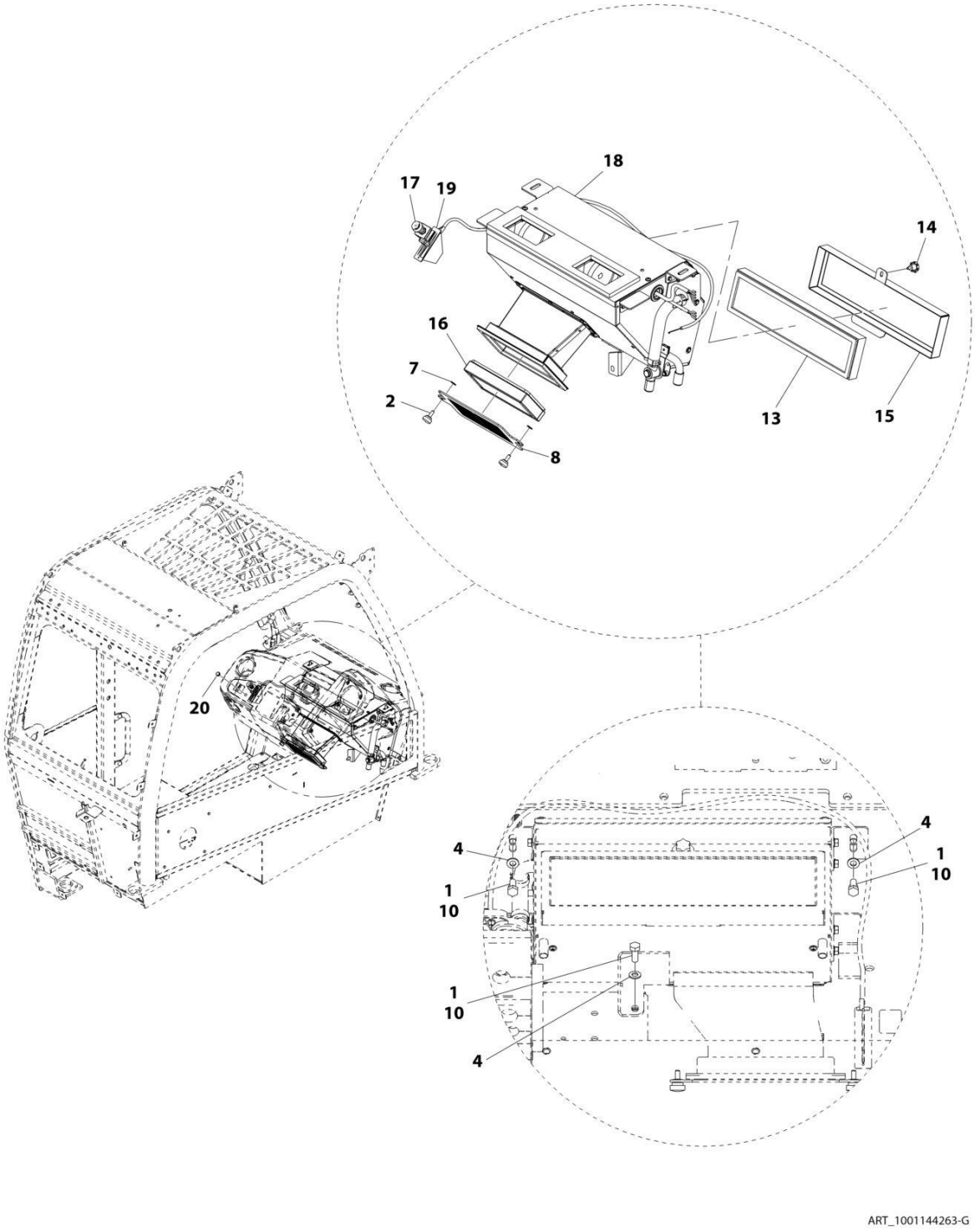


FIGURE 6-36. HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144263	Ref	Heater Installation	G
1	0760810	3	Bolt, M8X20	
2	2080092	2	Screw, Thumb	
4	4811900	3	Washer, M8	
7	1001148557	2	Washer, Star	
8	1001148619	1	Plate, Recirculation Grill	
10	1001095650	AR	Compound, Locking	
13	1001237344	1	Filter, Air	
14	1001237350	1	Latch, Filter Knob	
15	1001237346	1	Frame, Filter	
16	1001237345	1	Filter, Recirculation Air	
17	1001237349	1	Control, Fan Speed	
18	1001237341	1	Heater Unit Without A/C (See Separate Breakdown in this Section)	
19	1001237347	1	Control, Heater	
20	1001181502	1	Plug Cap	

FIGURE 6-37. HEATER (NO A/C)

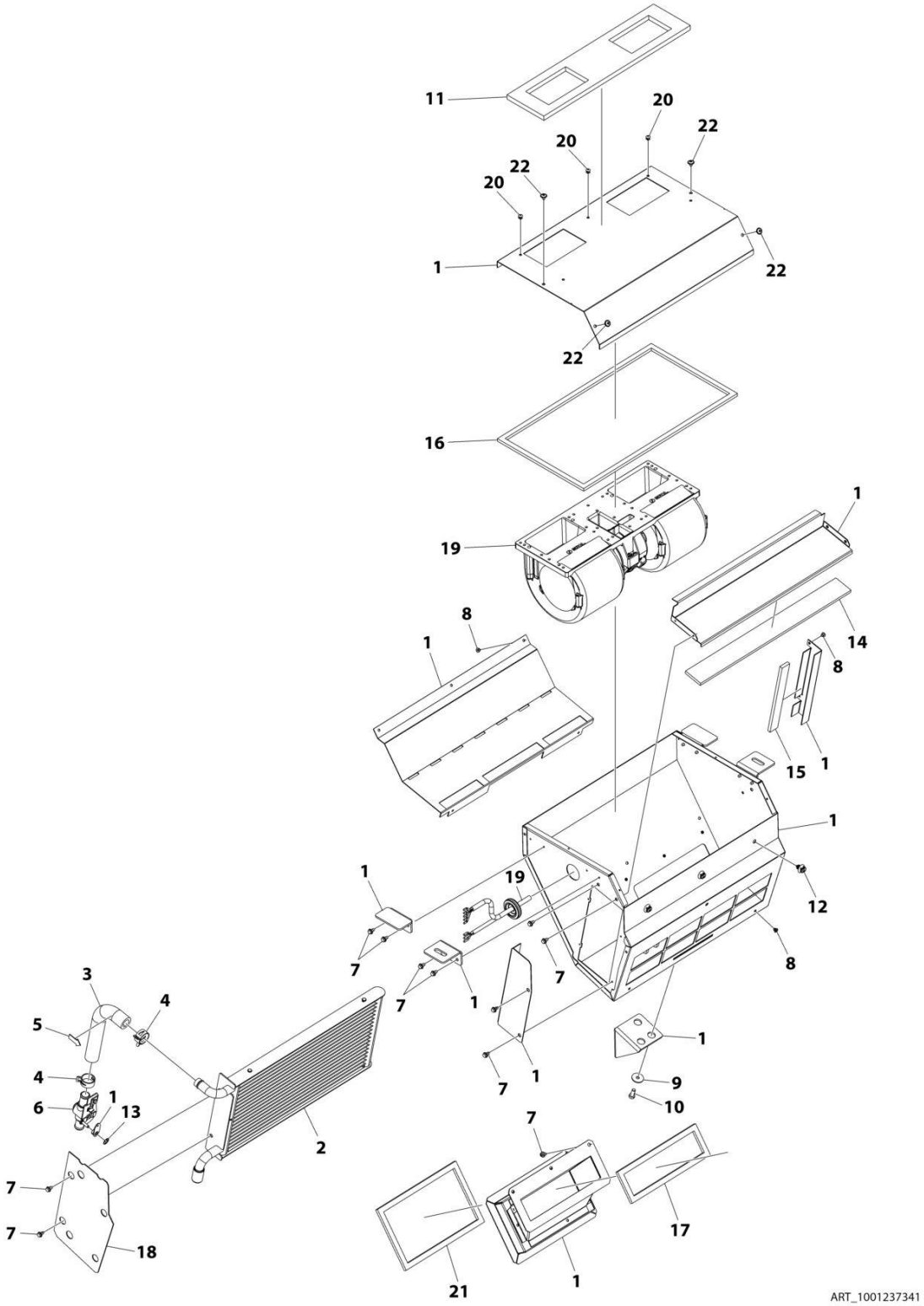


FIGURE 6-37. HEATER (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237341	Ref	HEATER ASSEMBLY	A
1	70031663	1	Kit, Housing	
2	70031664	1	Coil, Heater	
3	70031665	1	Fitting, 90	
4	70031666	2	Clamp	
5	70031667	1	Decal, Arrow	
6	70031668	1	Valve, Control	
7	70031669	19	Bolt M5 x 8	
8	70031670	7	Rivet	
9	70031671	3	Washer M6	
10	70031672	3	Bolt M6 x 16	
11	70031673	1	Insulation	
12	70031674	3	Mount, Tie-Strap	
13	70031675	1	Washer	
14	70031676	1	Seal	
15	70031677	1	Seal	
16	70031678	1	Seal	
17	70031679	1	Seal	
18	70031680	1	Insulation	
19	70031681	1	Blower	
20	70031682	5	Rivet	
21	70031683	1	Seal	
22	70031684	4	Screw M8 x 9	

FIGURE 6-38. AIR CONDITIONING INSTALLATION

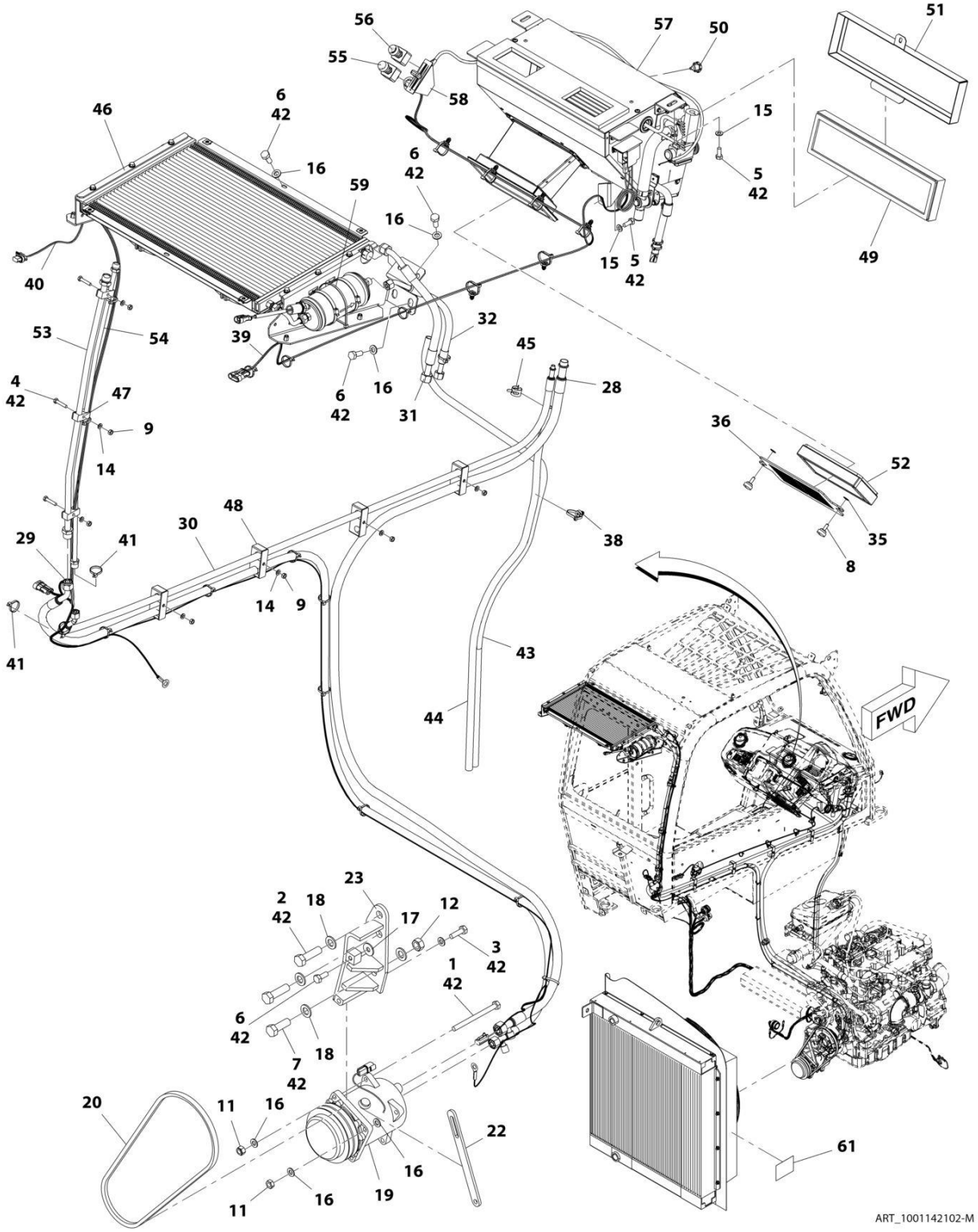


FIGURE 6-38. AIR CONDITIONING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142102	Ref	Air Conditioning Installation	M
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	1001244134	1	Harness, Air Conditioning Cab (See Separate Breakdown in ELECTRICAL Section)	
40	1001151260	1	Harness, Air Conditioning Chassis (See Separate Breakdown in ELECTRICAL Section)	
41	1001008559	17	Strap, Cable	
42	1001095650	AR	Locking Compound	
43	1001152353	1	Hose	
44	1001152354	1	Hose	
45	1001152729	2	Clamp, Springband	
46	1001237339	1	Condenser	
47	1001237342	3	Support, Pipe	
48	1001237343	4	Support, Pipe	
49	1001237344	1	Filter, Air	
50	1001237350	1	Knob, Filter Latch	
51	1001237346	1	Frame, Filter	
52	1001237345	1	Filter, Recirculation Air	
53	1001237351	1	Pipe	
54	1001237352	1	Pipe	
55	1001237348	1	Control, Heater/AC	
56	1001237349	1	Control, Fan Speed	
57	1001237340	1	Heater (A/C) (See Separate Breakdown in this Section)	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
58	1001237347	1	Control, Heater	
59	1062255	1	Wrap, Tie	
61	1001227093	1	Decal, A/C Installation	

FIGURE 6-39. HEATER (WITH A/C)

INFORMATION NOT AVAILABLE AT THE TIME OF PUBLICATION

FIGURE 6-39. HEATER (WITH A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237340	Ref	Heater (With A/C)	A

FIGURE 6-40. CAB SCREEN (GP) SUN BLIND

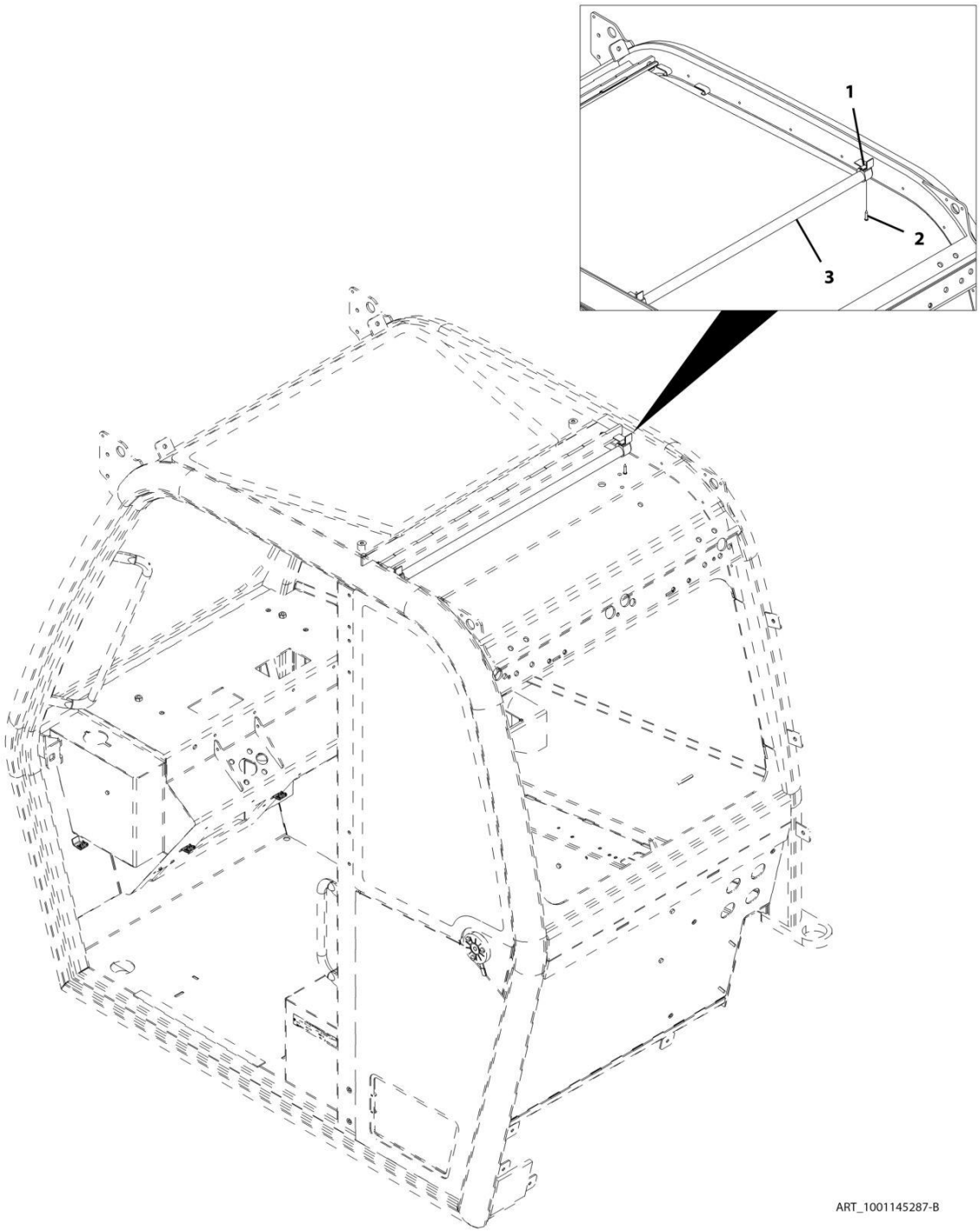


FIGURE 6-40. CAB SCREEN (GP) SUN BLIND

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 6-41. STEP INSTALLATION

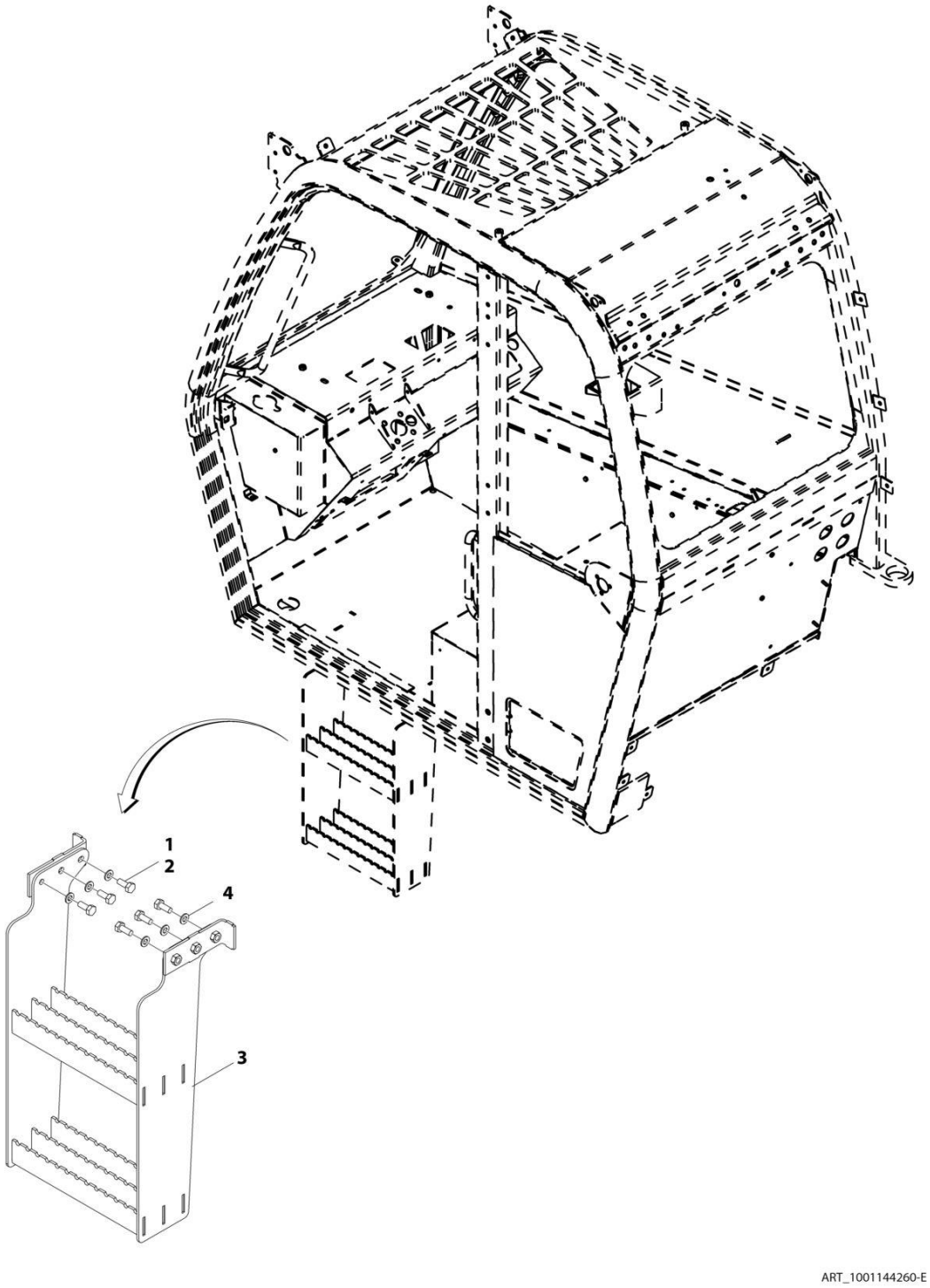


FIGURE 6-41. STEP INSTALLATION

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 6-42. STEP INSTALLATION (HIGH-CAB) (EU) (4017RS)

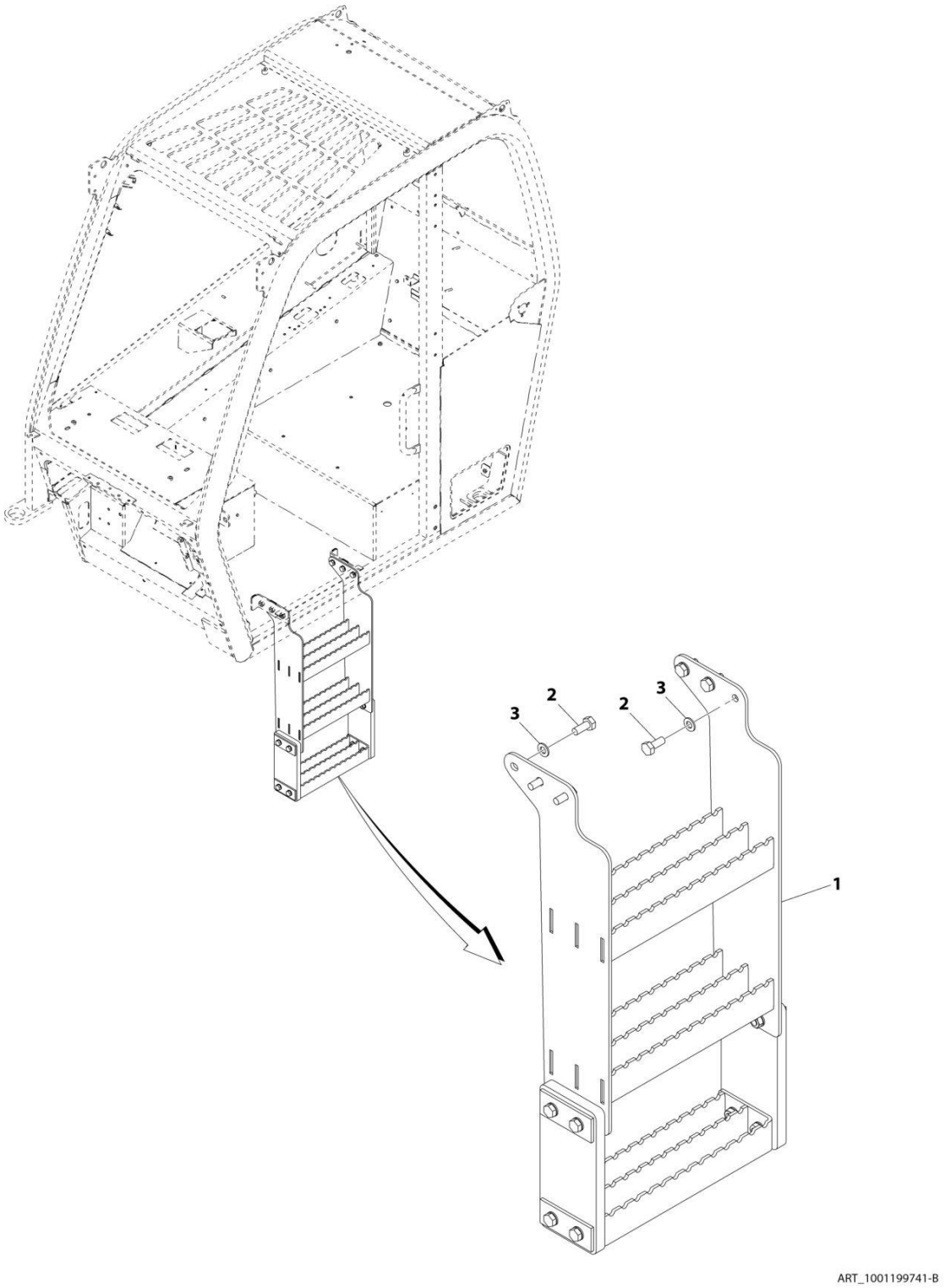


FIGURE 6-42. STEP INSTALLATION (HIGH-CAB) (EU) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199741	Ref	Step Installation (HIGH-CAB) (EU)	B
1	1001199742	1	Bracket	
2	0761012	6	Bolt, M10X25	
3	4812000	6	Washer, M10	

FIGURE 6-43. HYDRAULIC COVER INSTALLATION

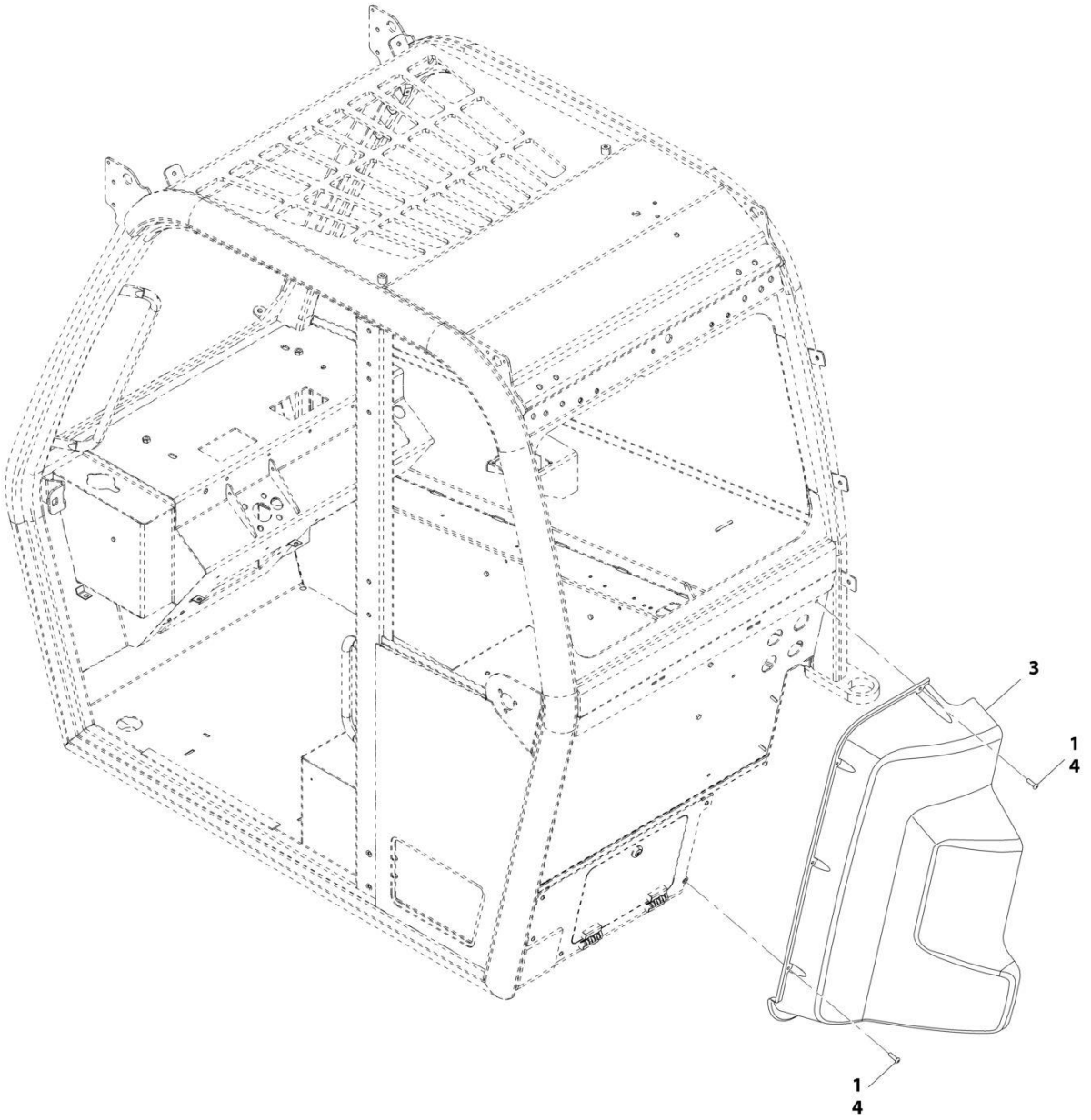


FIGURE 6-43. HYDRAULIC COVER INSTALLATION

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 6-44. A/C CONDENSER COVER INSTALLATION

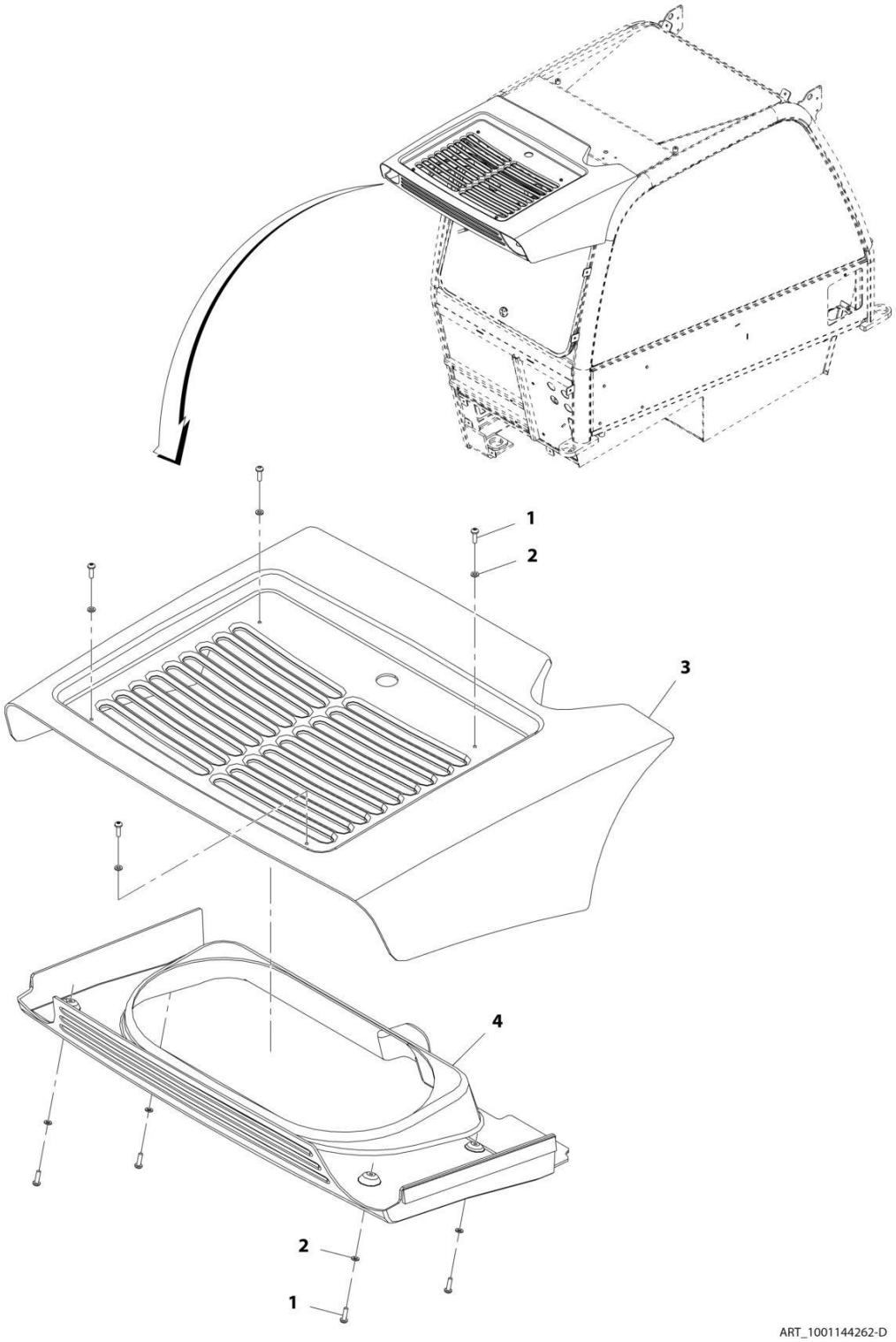


FIGURE 6-44. A/C CONDENSER COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144262	Ref	A/C Condenser Cover Installation	D
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 6-45. TOP SCREEN GUARD INSTALLATION

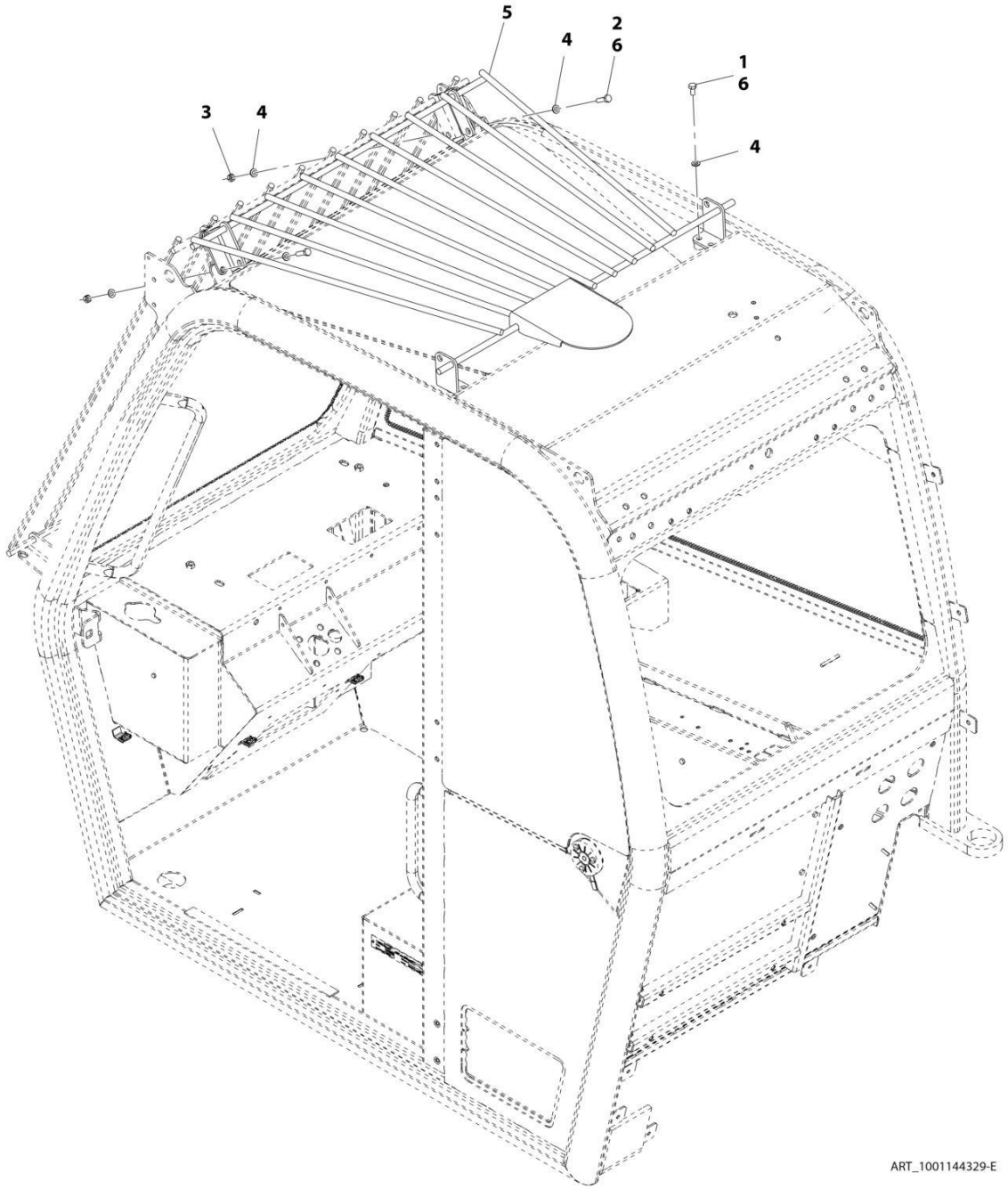


FIGURE 6-45. TOP SCREEN GUARD INSTALLATION

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 6-46. FRONT SCREEN GUARD INSTALLATION

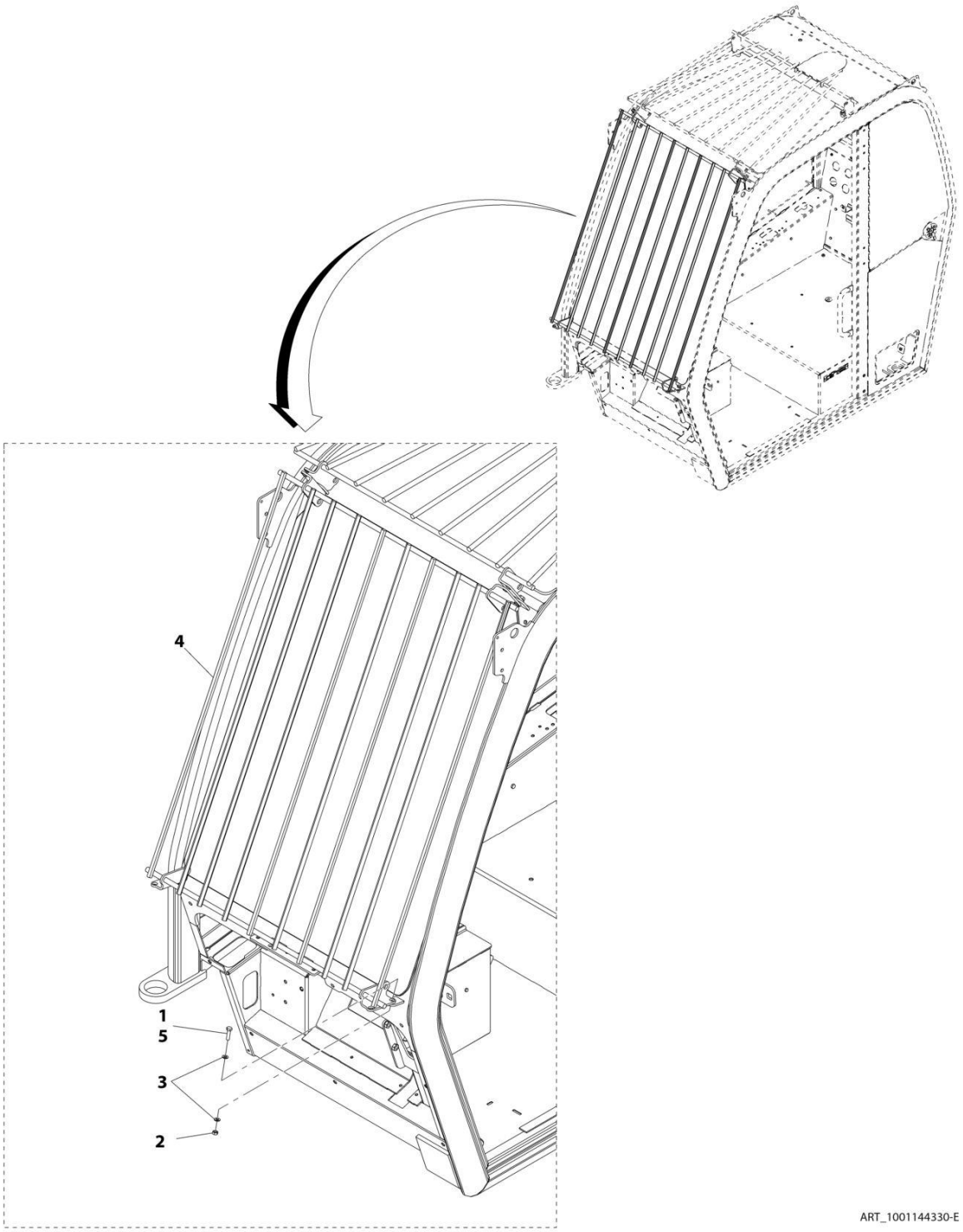


FIGURE 6-46. FRONT SCREEN GUARD INSTALLATION

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 6-47. TOOLBOX INSTALLATION

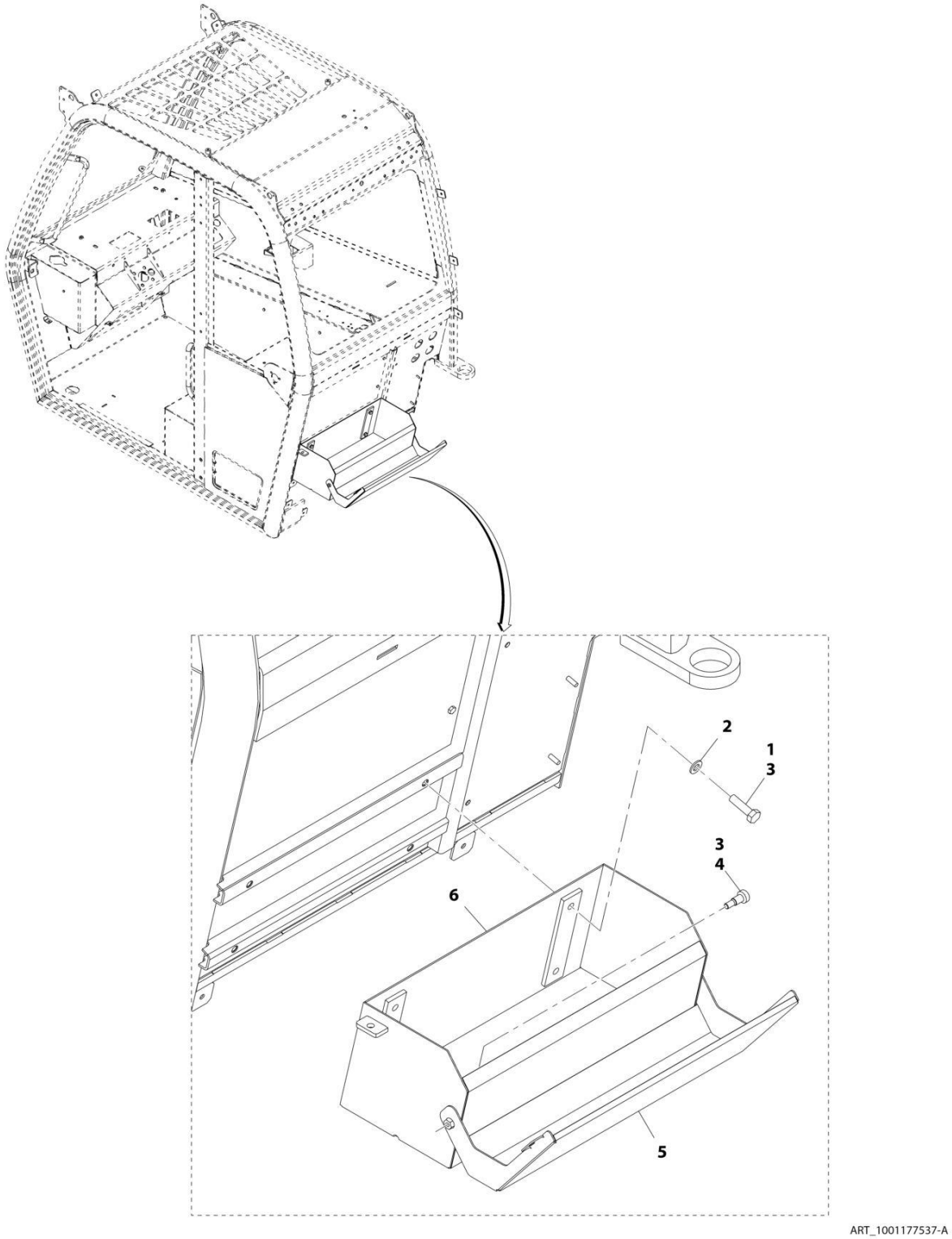


FIGURE 6-47. TOOLBOX INSTALLATION

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 6-48. FRONT LICENSE PLATE INSTALLATION

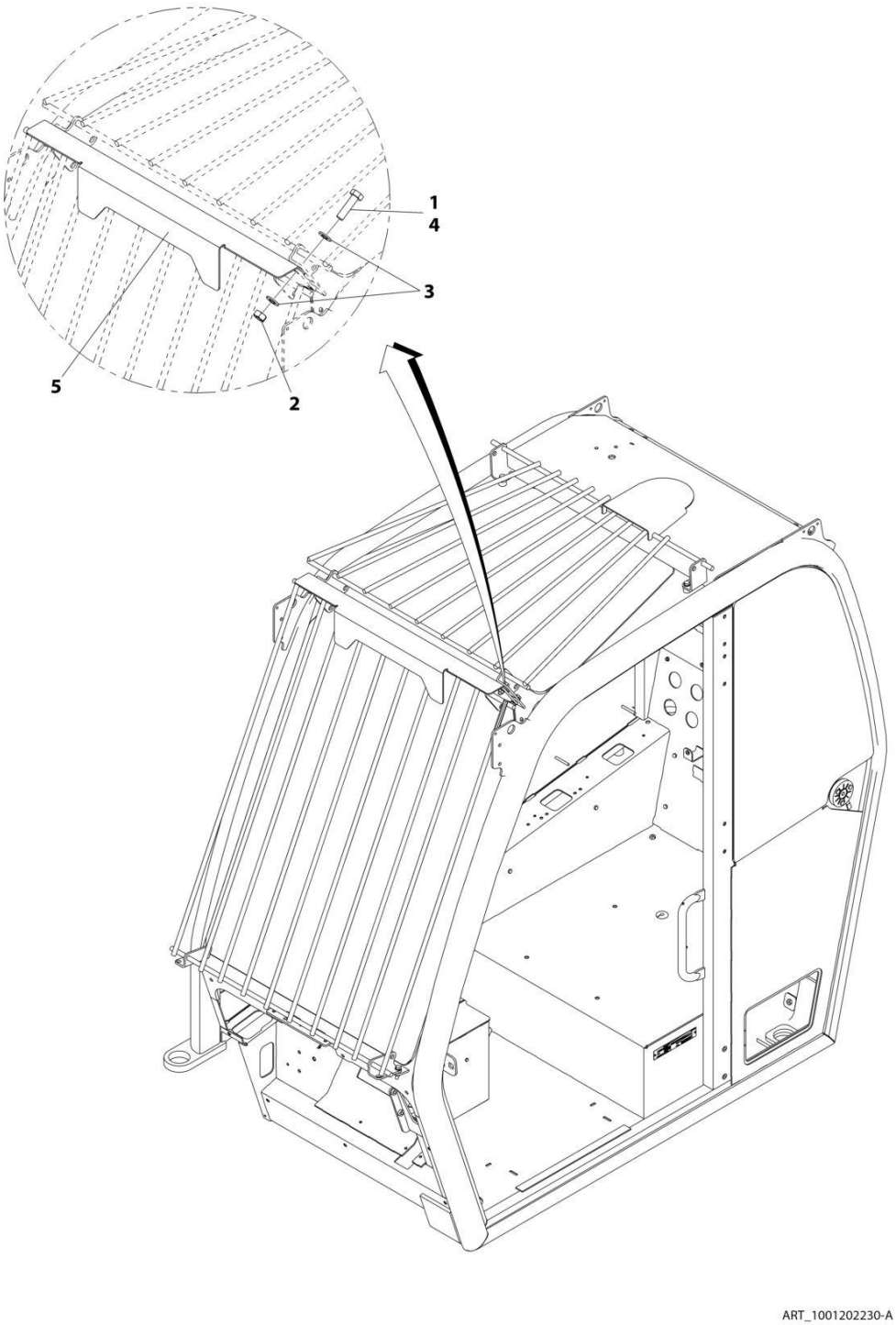


FIGURE 6-48. FRONT LICENSE PLATE INSTALLATION

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 6-49. LEVEL INDICATOR INSTALLATION

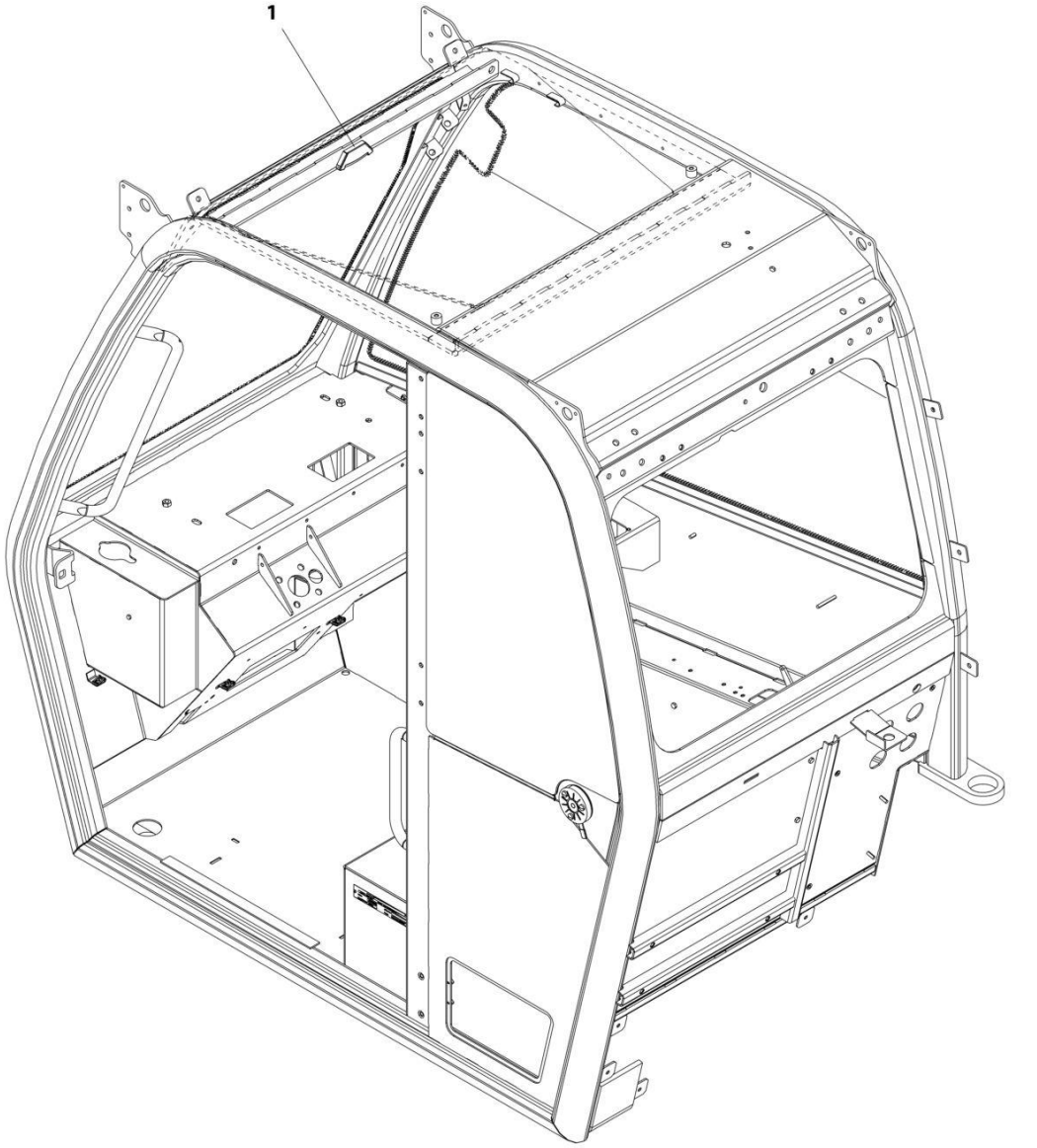


FIGURE 6-49. LEVEL INDICATOR INSTALLATION

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

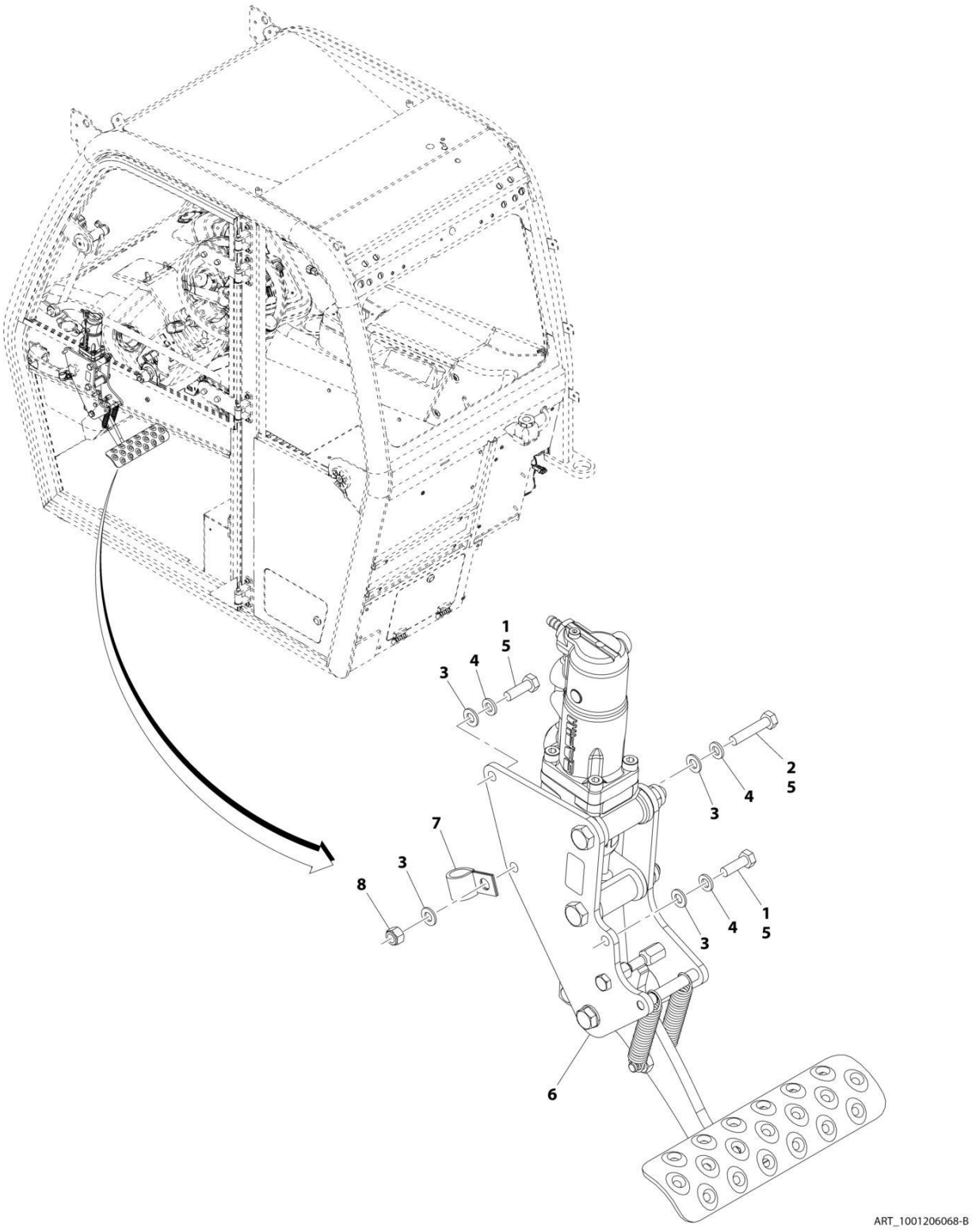


FIGURE 7-1. BRAKE PEDAL INSTALLATION

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 7-2. BRAKE PEDAL INSTALLATION

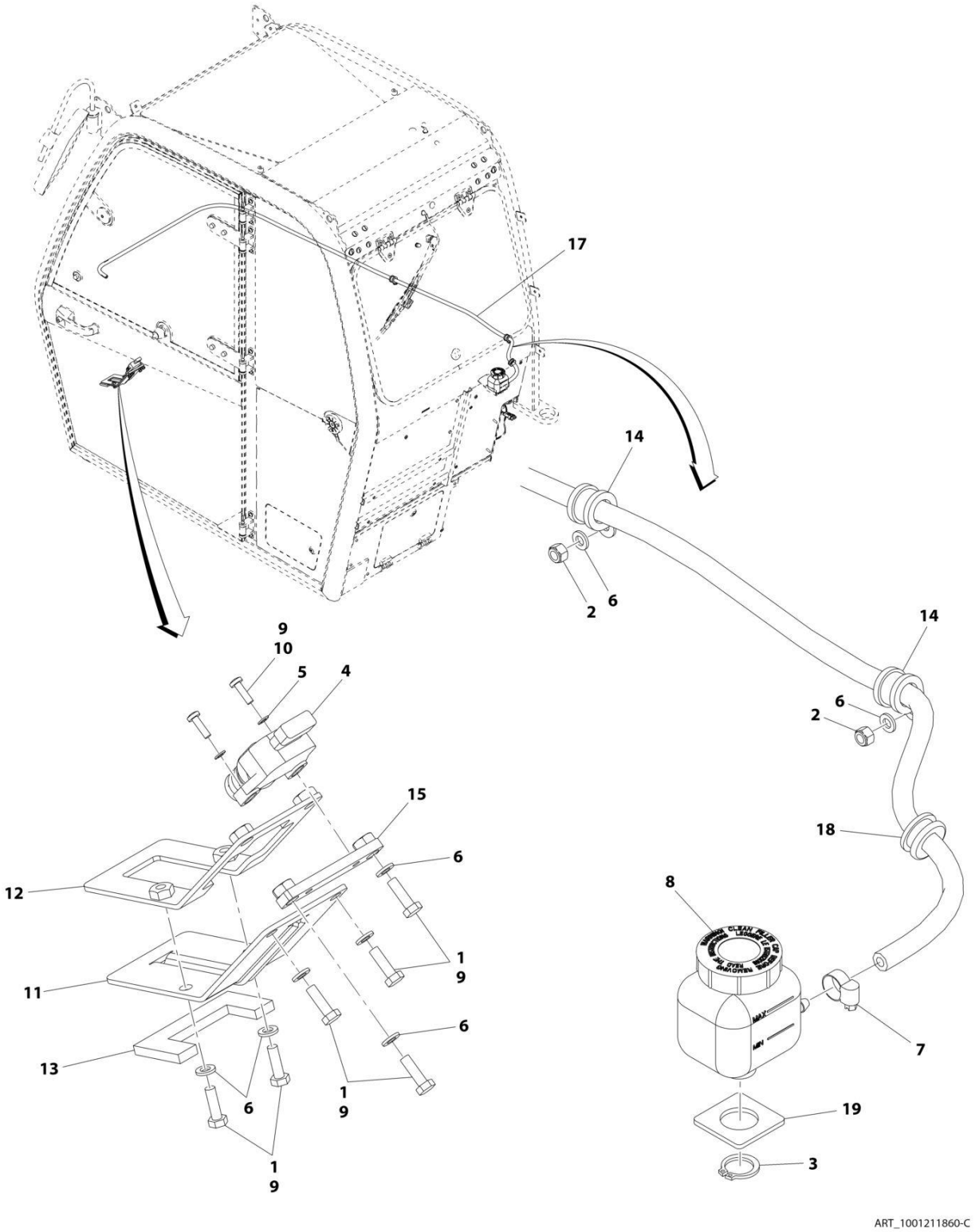


FIGURE 7-2. BRAKE PEDAL INSTALLATION

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 7-3. BRAKE PEDAL ASSEMBLY

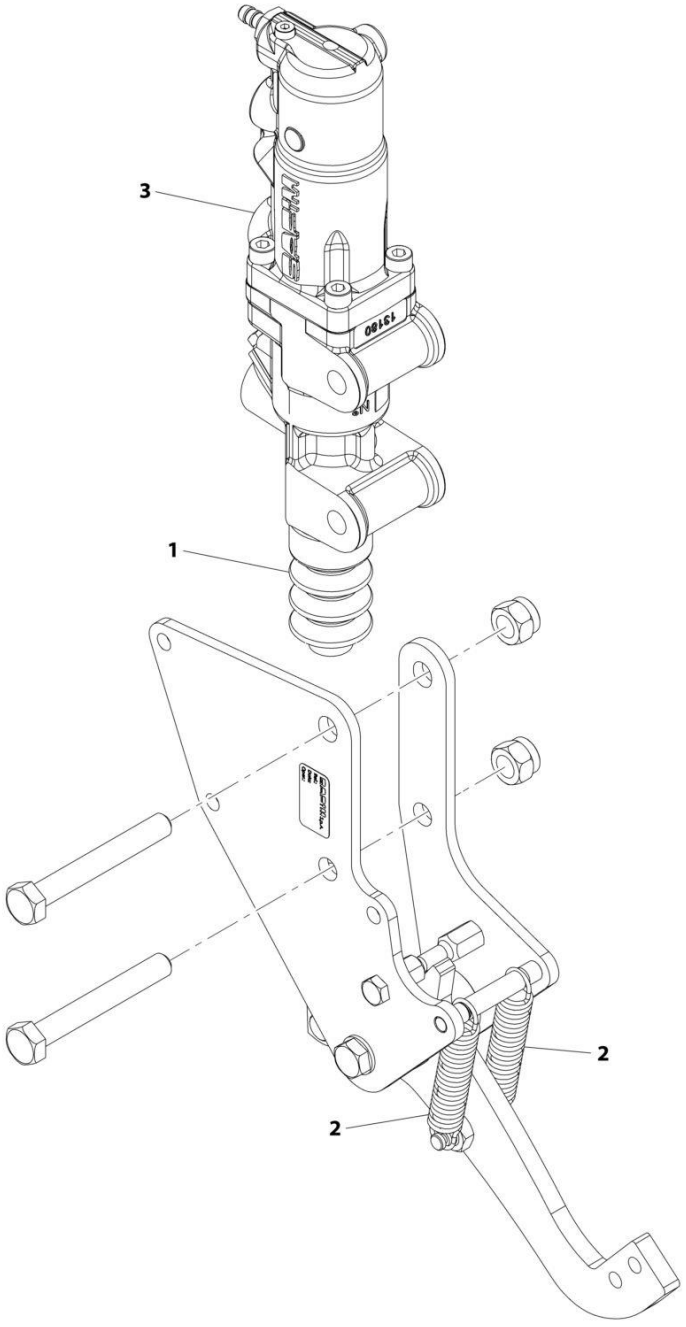


FIGURE 7-3. BRAKE PEDAL ASSEMBLY

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 7-4. ACCELERATOR PEDAL INSTALLATION

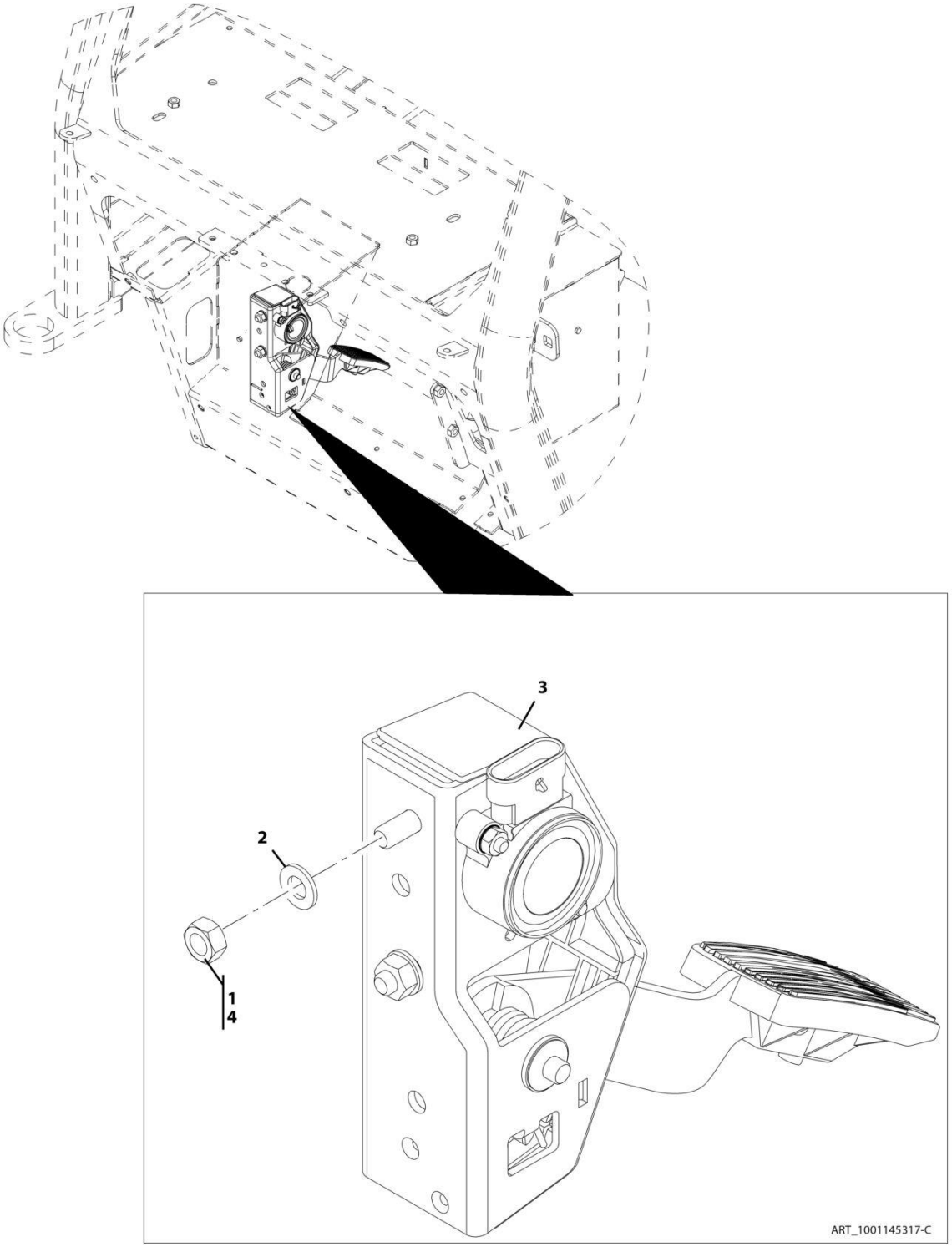


FIGURE 7-4. ACCELERATOR PEDAL INSTALLATION

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 Separate Breakdown in this Section)	
4	1001095650	AR	Compound, Locking	

FIGURE 7-5. ACCELERATOR PEDAL INSTALLATION

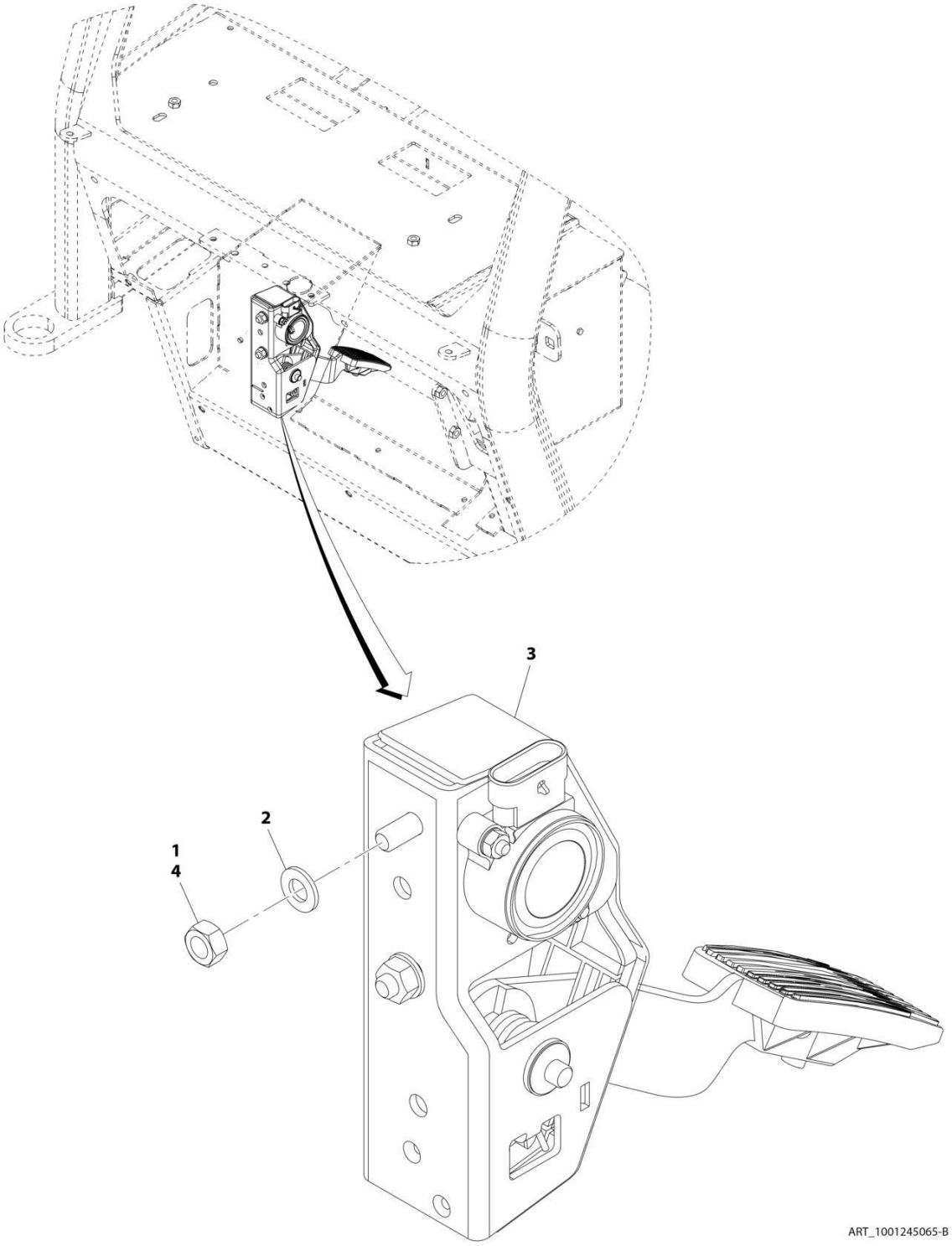


FIGURE 7-5. ACCELERATOR PEDAL INSTALLATION

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 7-6. ACCELERATOR PEDAL

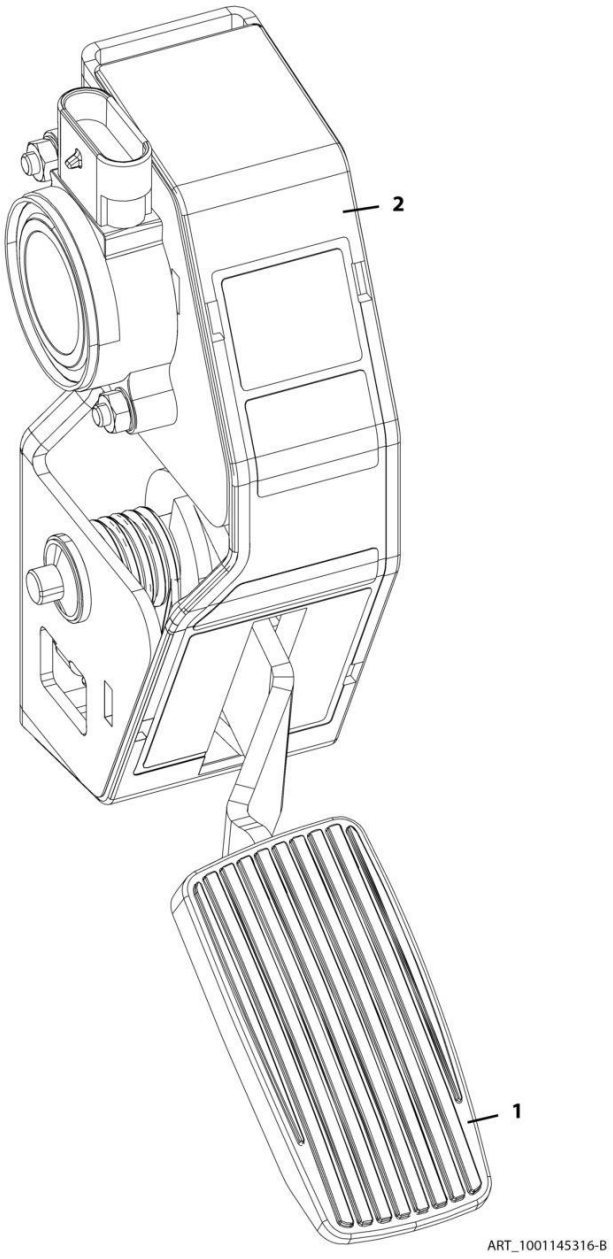


FIGURE 7-6. ACCELERATOR PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145316	Ref	Accelerator Pedal	B
1	70025816	1	Pad, Rubber	
2	70025817	1	Cover, Rubber	

FIGURE 7-7. ACCELERATOR PEDAL

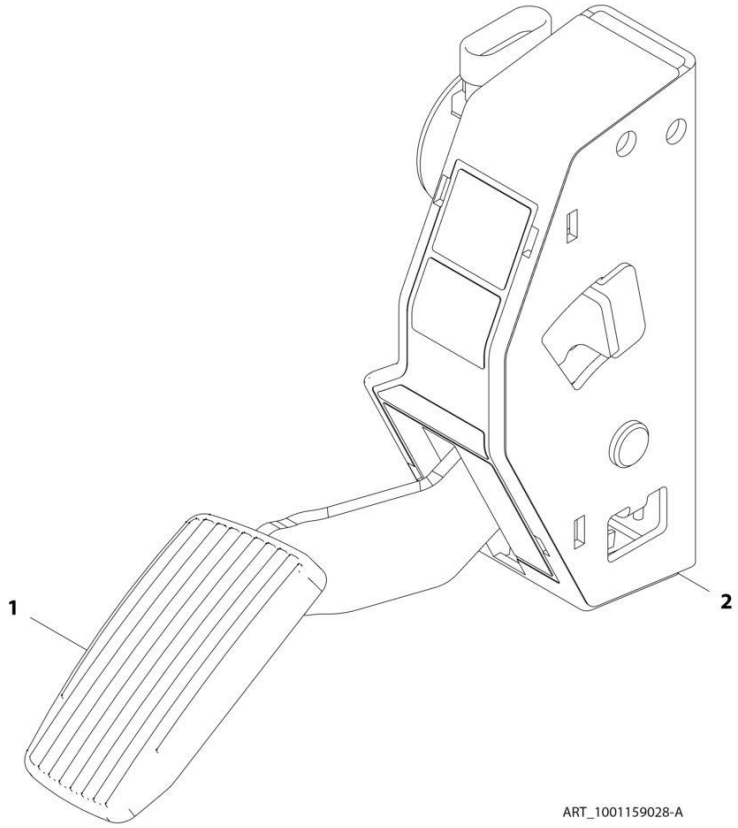
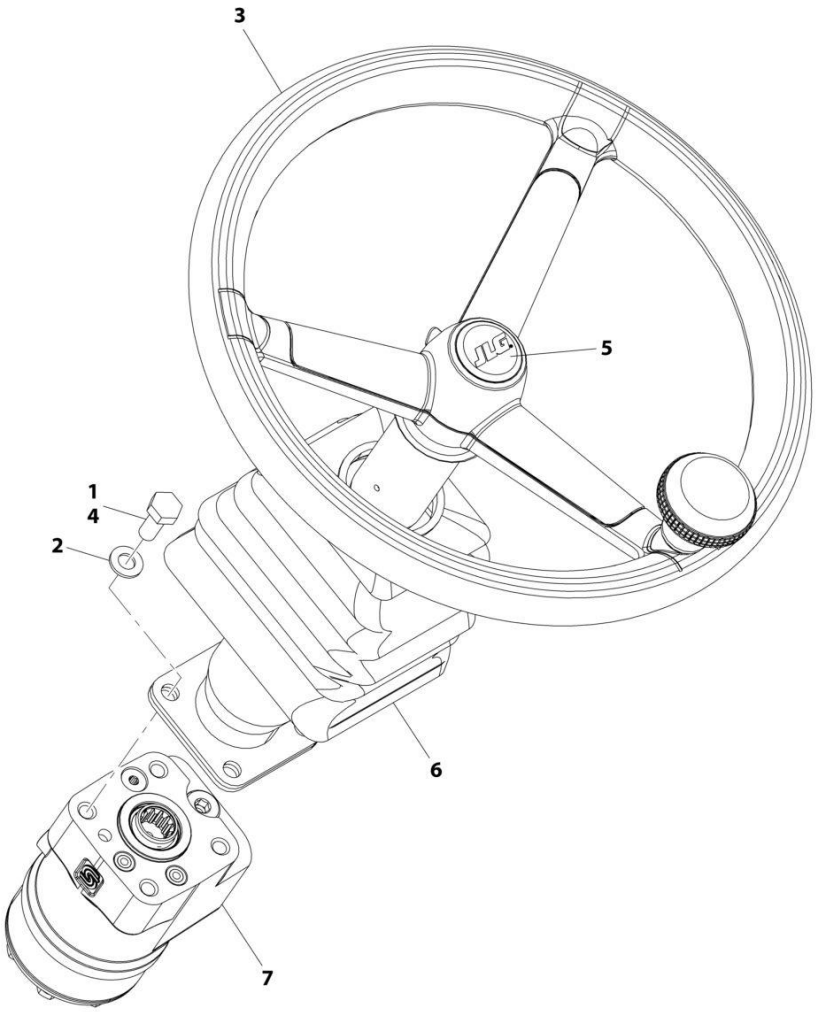


FIGURE 7-7. ACCELERATOR PEDAL

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

FIGURE 7-8. STEERING COLUMN INSTALLATION



ART_1001248293-A

FIGURE 7-8. STEERING COLUMN INSTALLATION

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 7-9. STEERING COLUMN SWITCH

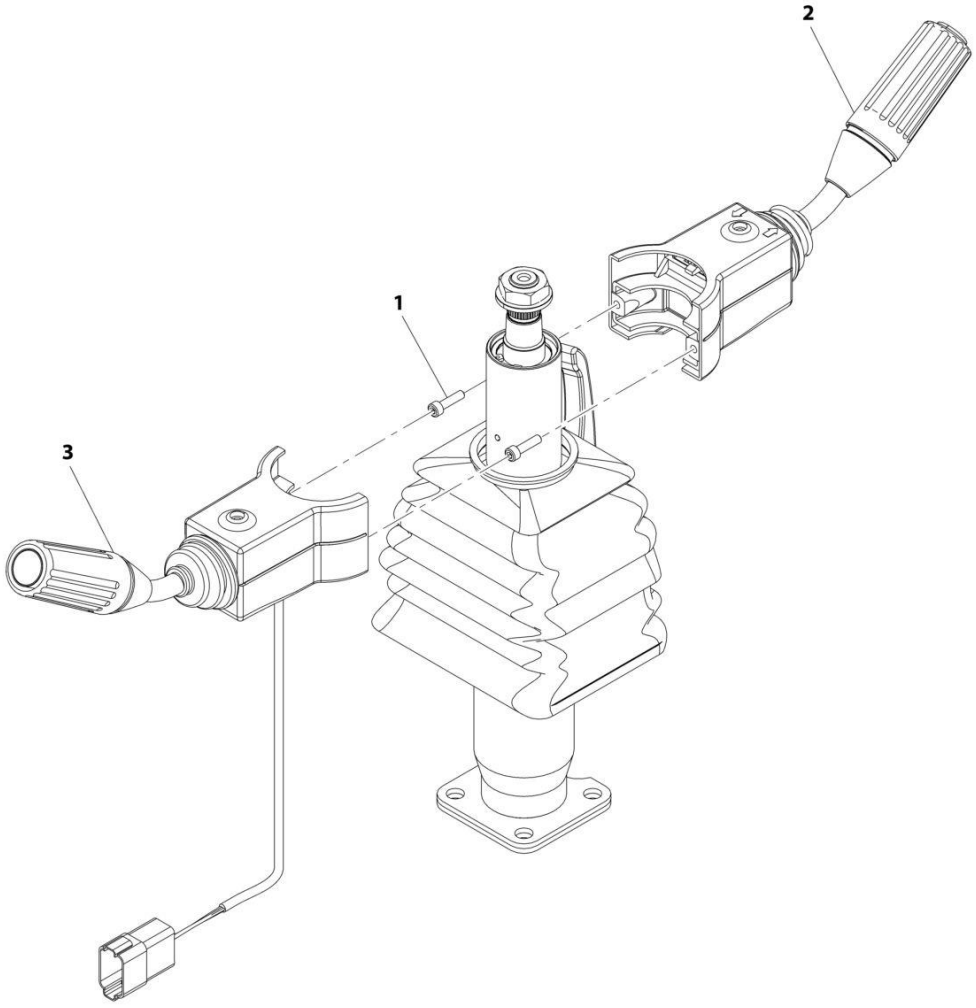


FIGURE 7-9. STEERING COLUMN SWITCH

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 7-10. STEERING COLUMN SWITCH (NO FNR LEVER)

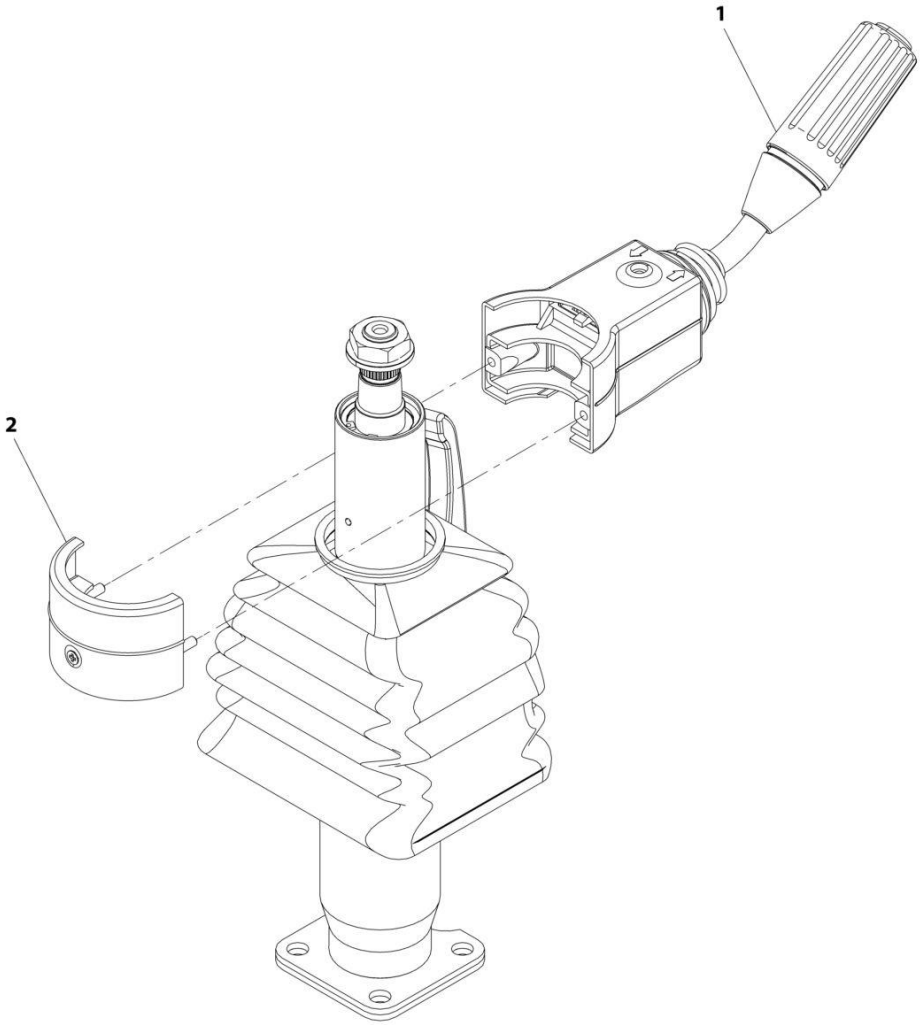


FIGURE 7-10. STEERING COLUMN SWITCH (NO FNR LEVER)

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 7-11. MECHANICAL HANDBRAKE INSTALLATION (3614RS)

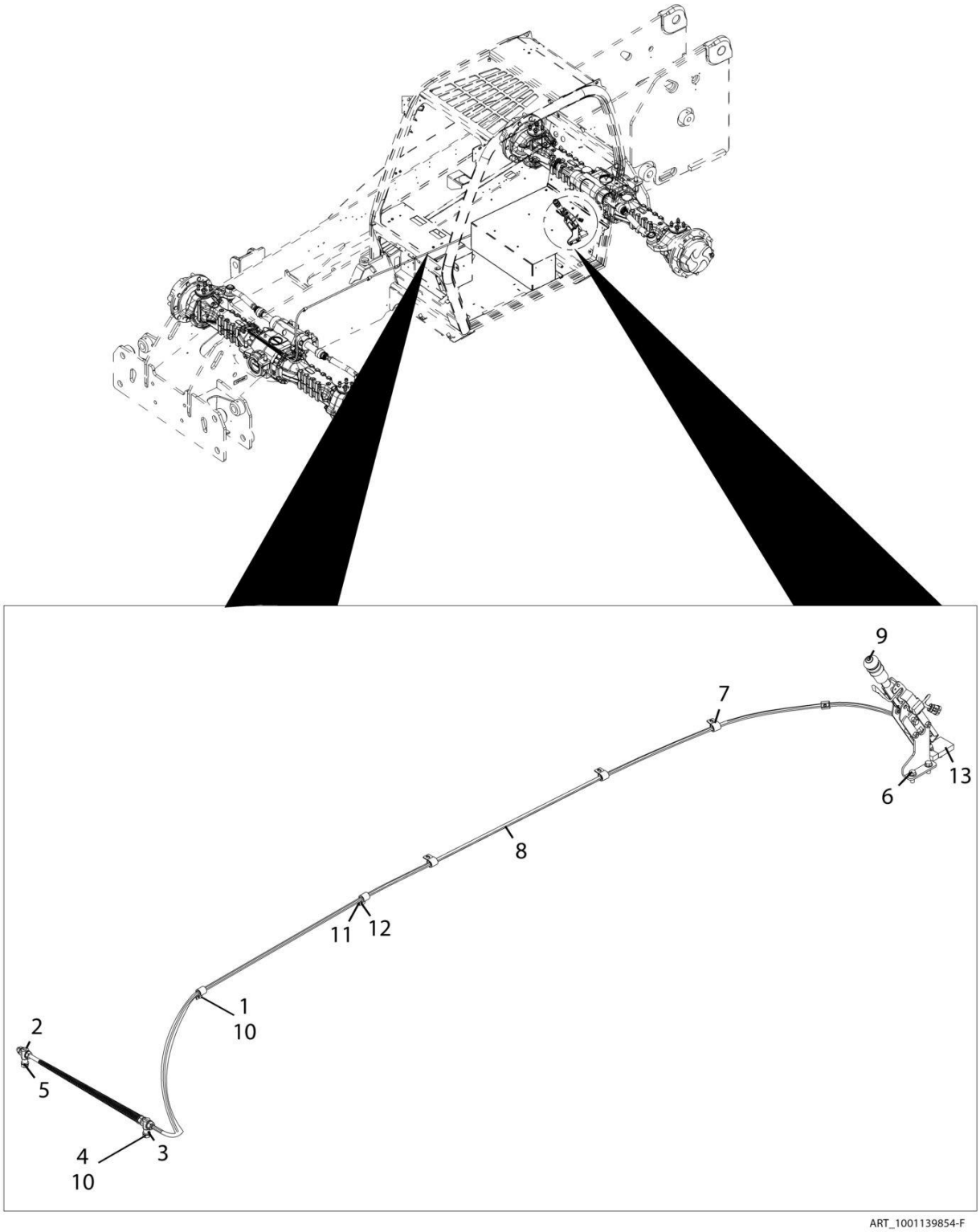


FIGURE 7-11. MECHANICAL HANDBRAKE INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139854	Ref	Mechanical Handbrake Installation	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 7-12. HYDRAULIC HANDBRAKE INSTALLATION (4017RS)

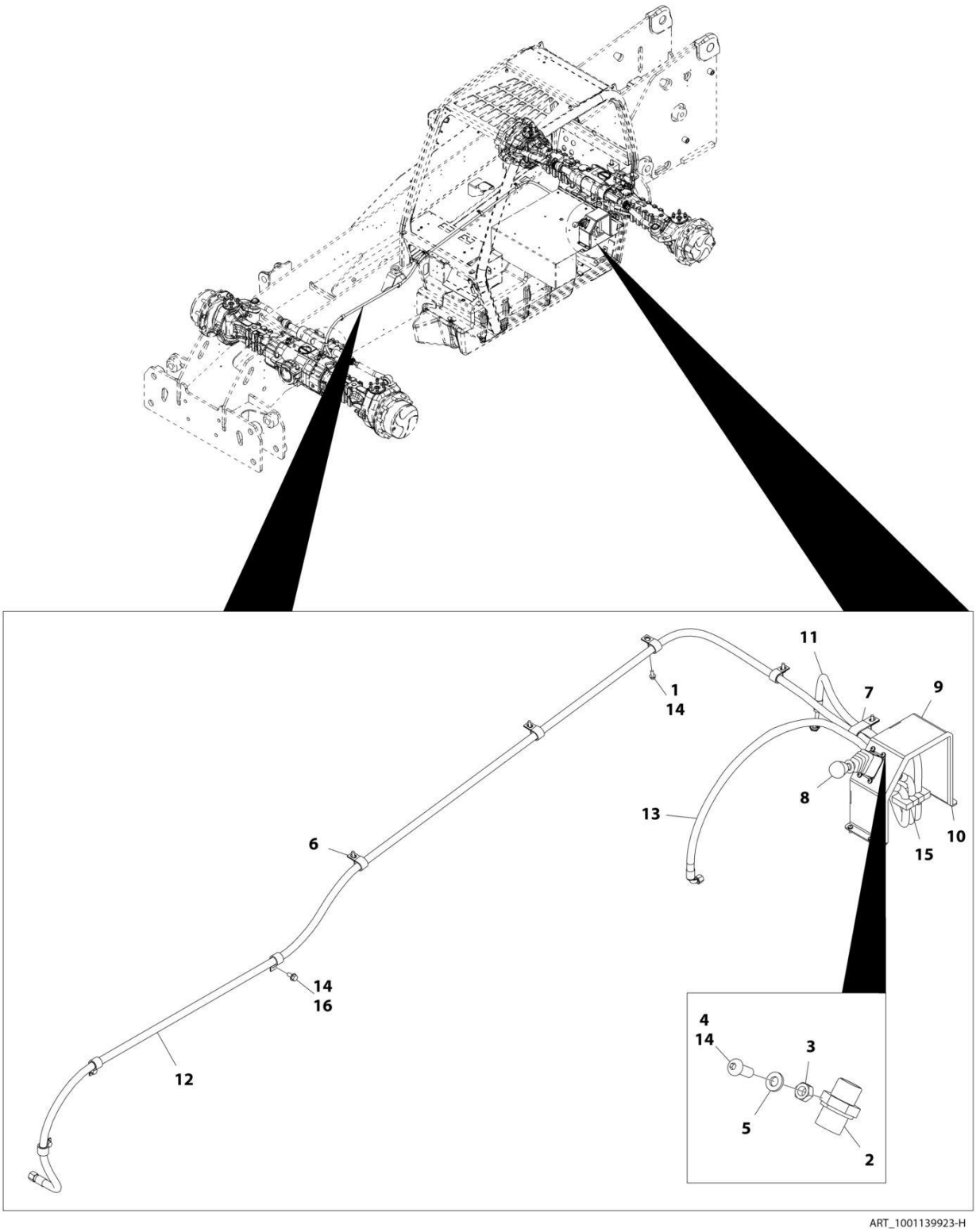


FIGURE 7-12. HYDRAULIC HANDBRAKE INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139923	Ref	Hydraulic Handbrake Installation	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 7-13. JOYSTICK INSTALLATION (FNR LEVER)

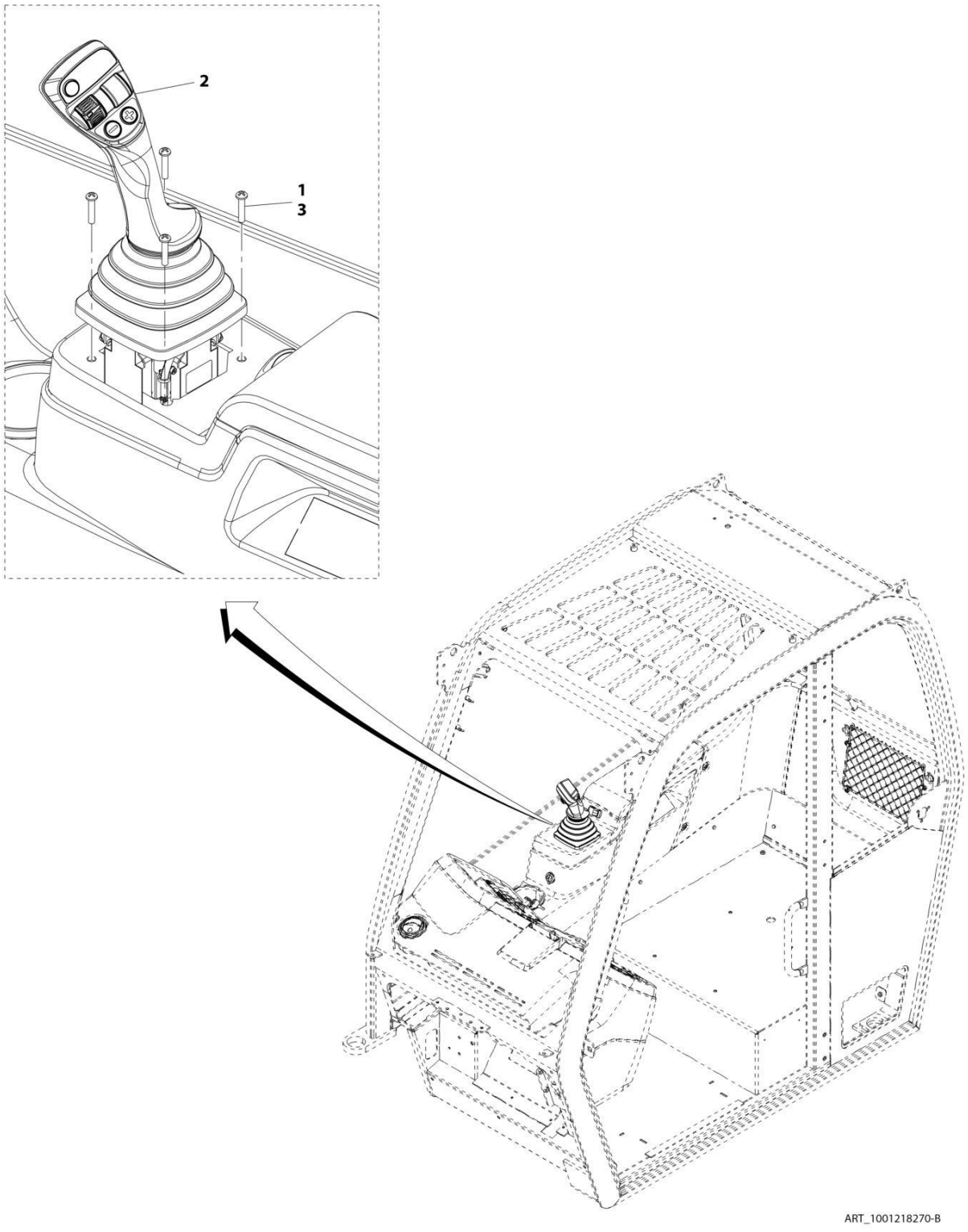


FIGURE 7-13. JOYSTICK INSTALLATION (FNR LEVER)

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 7-14. JOYSTICK INSTALLATION (NO FNR LEVER)

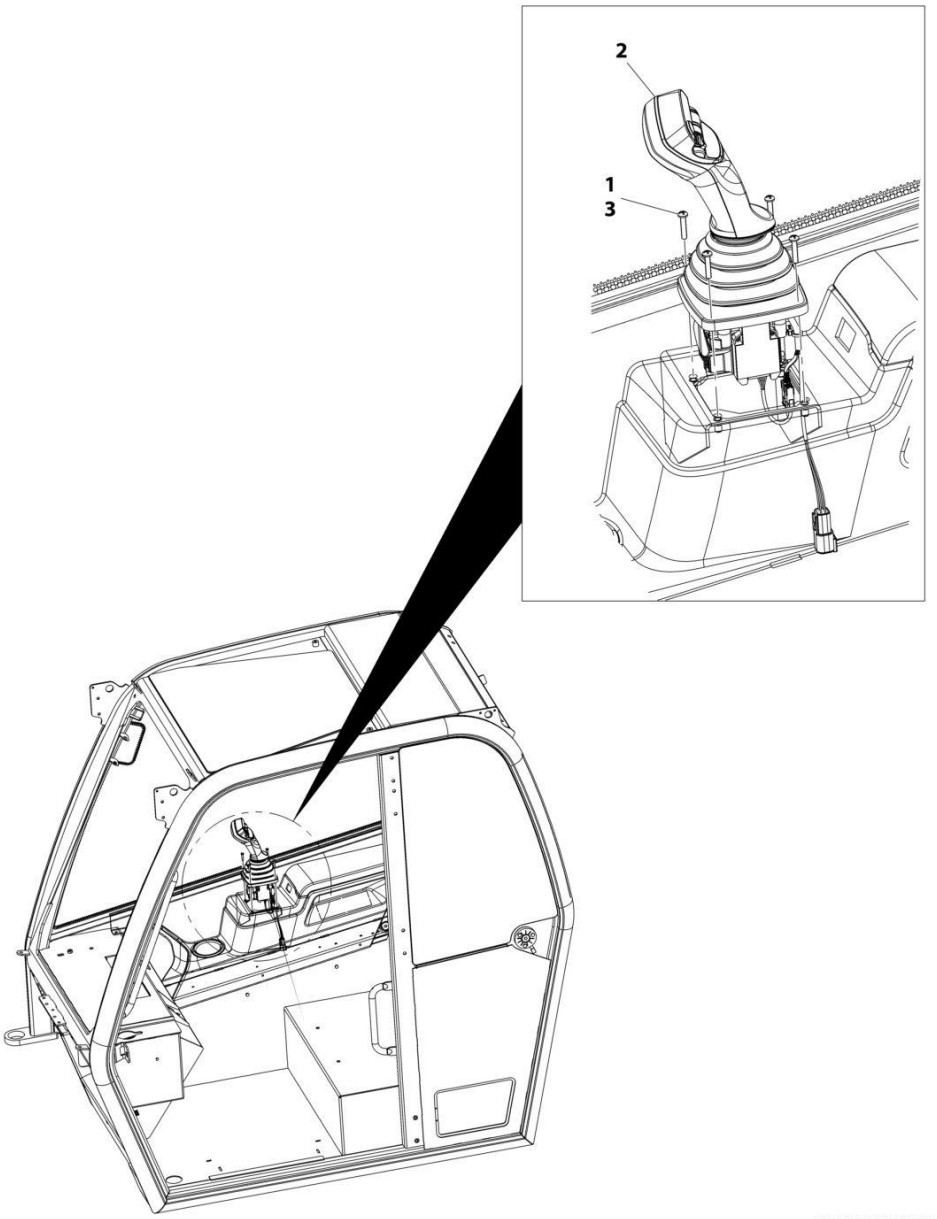


FIGURE 7-14. JOYSTICK INSTALLATION (NO FNR LEVER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146666	Ref	Joystick Installation (No FNR Lever)	D
1	1001103984	4	Bolt, M5X25	
2	1001222595	1	Joystick (no FNR Lever) (See Separate Breakdown in this Section)	
3	1001095650	AR	Compound, Locking	

FIGURE 7-15. JOYSTICK INSTALLATION (AUX,FNR LEVER)

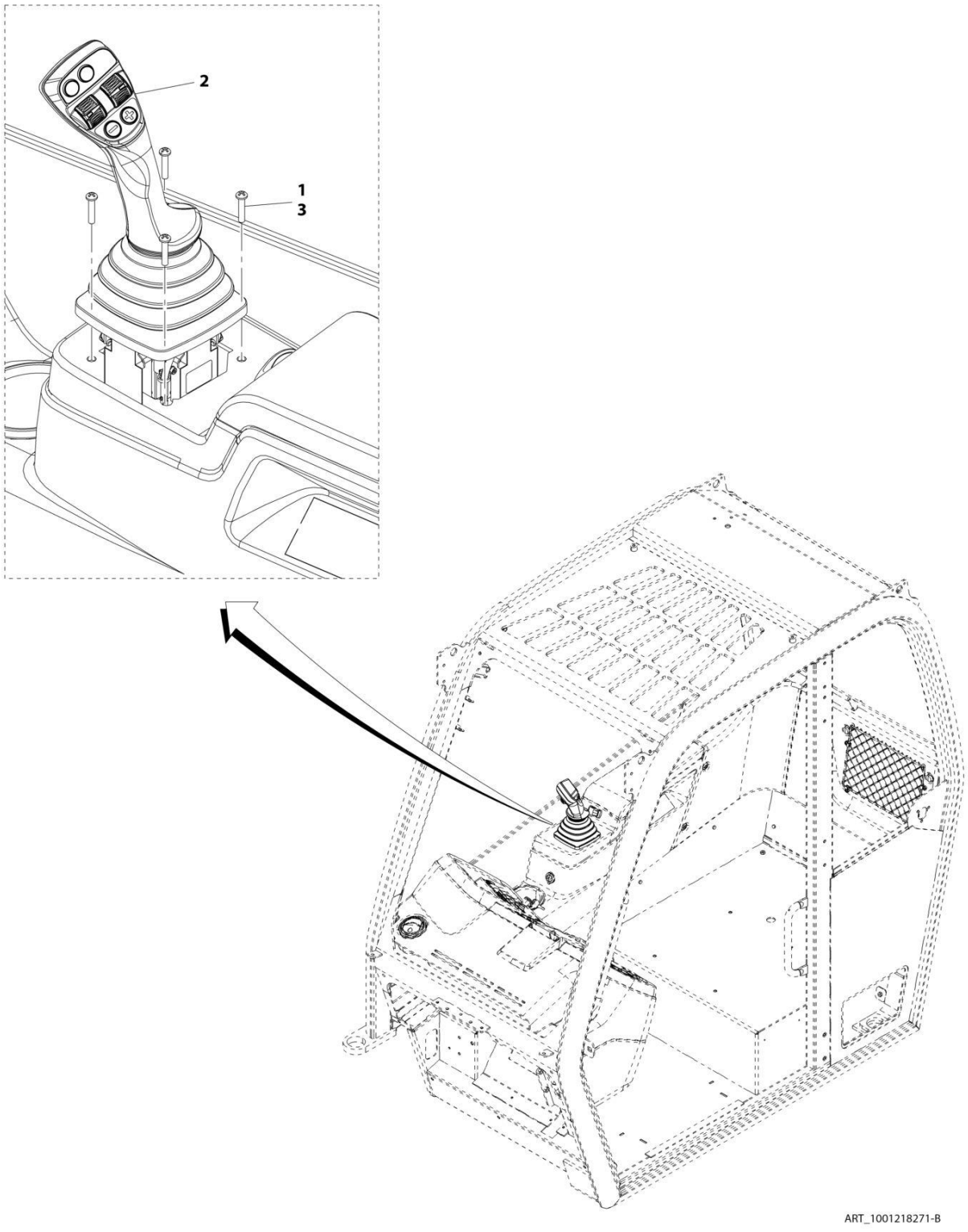


FIGURE 7-15. JOYSTICK INSTALLATION (AUX,FNR LEVER)

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 7-16. JOYSTICK INSTALLATION (AUX, NO FNR LEVER)

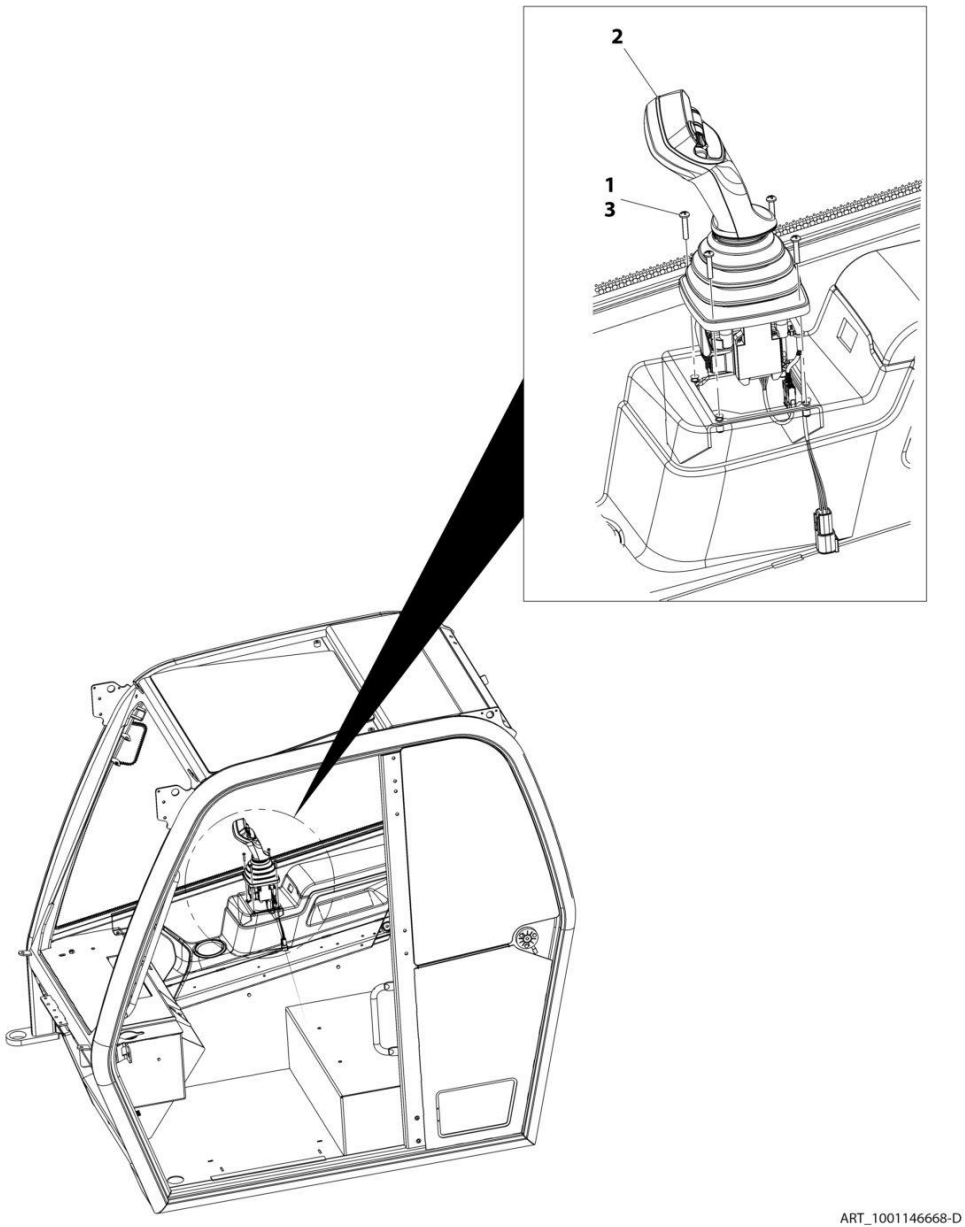


FIGURE 7-16. JOYSTICK INSTALLATION (AUX, NO FNR LEVER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146668	Ref	Joystick Installation (Aux, No FNR Lever)	D
1	1001103984	4	Bolt, M5X25	
2	1001222597	1	Joystick (AUX, no FNR Lever) (See Separate Breakdown in this Section)	
3	1001095650	AR	Compound, Locking	

FIGURE 7-17. ELECTRIC JOYSTICK, (FNR LEVER)

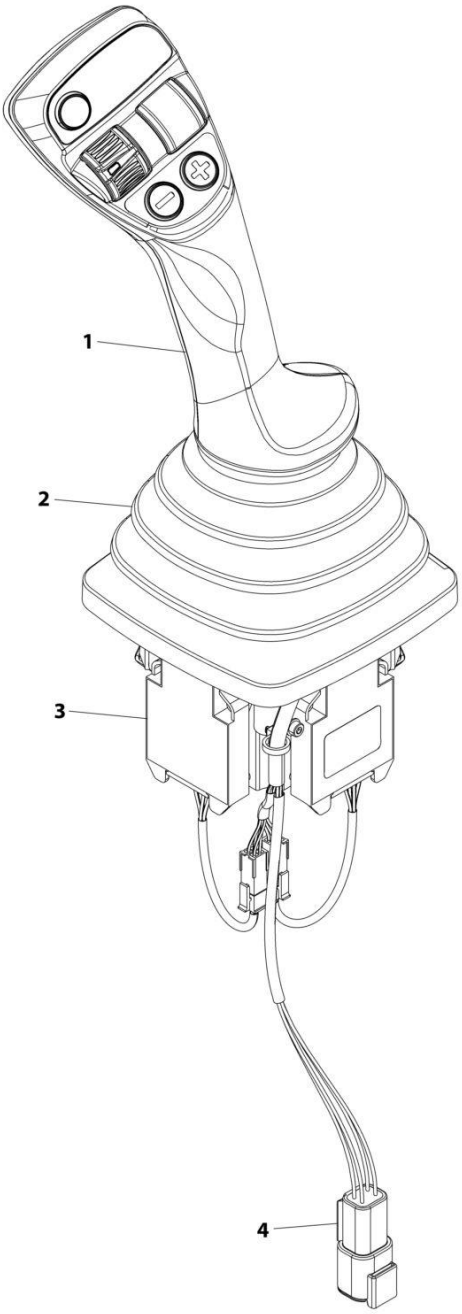
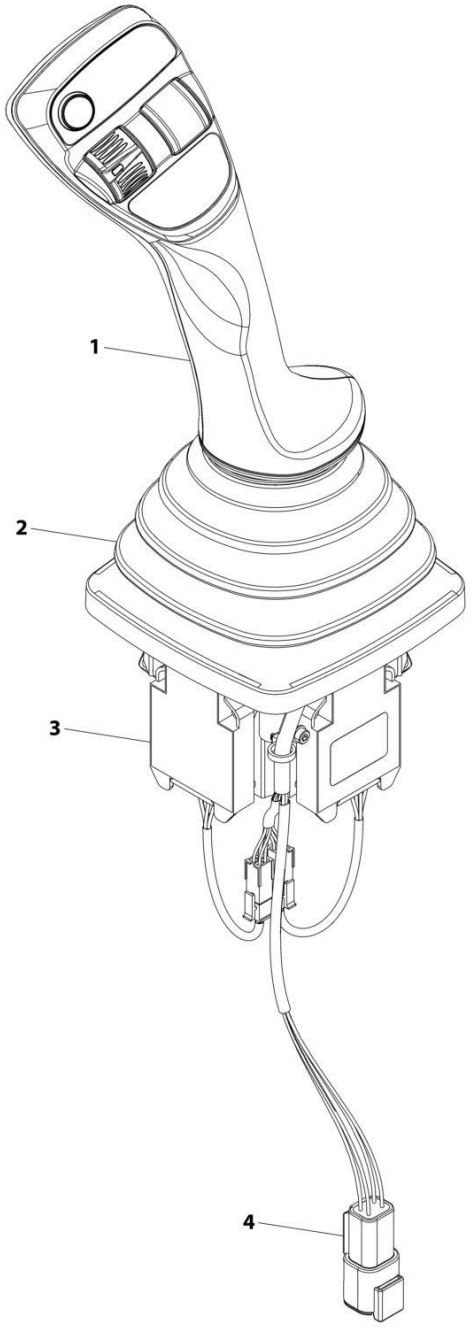


FIGURE 7-17. ELECTRIC JOYSTICK, (FNR LEVER)

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 7-18. JOYSTICK, (NO FNR LEVER)



ART_1001222595-A

FIGURE 7-18. 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 7-19. ELECTRIC JOYSTICK, (FNR LEVER)

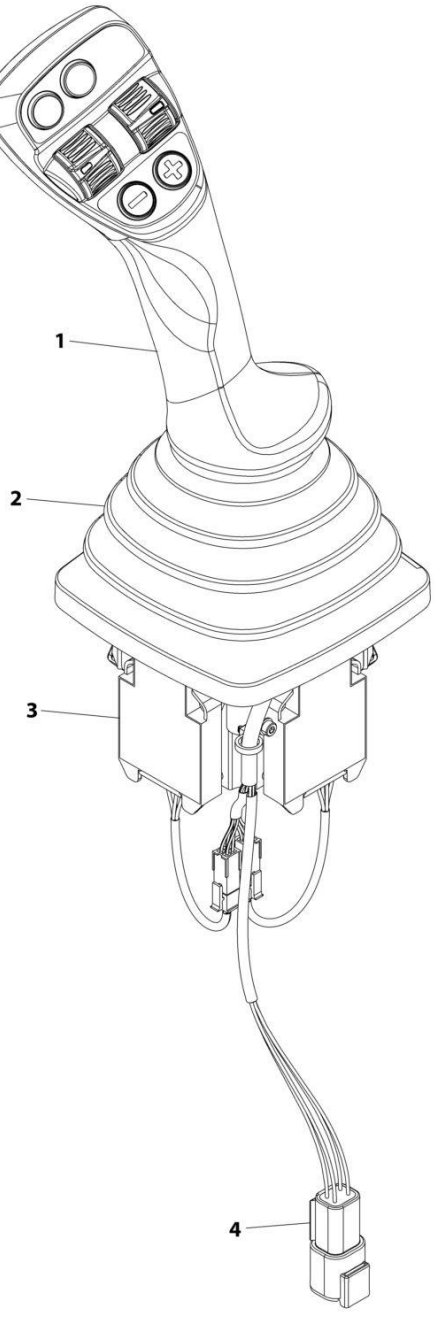


FIGURE 7-19. ELECTRIC JOYSTICK, (FNR LEVER)

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 7-20. JOYSTICK, (AUX, NO FNR LEVER)

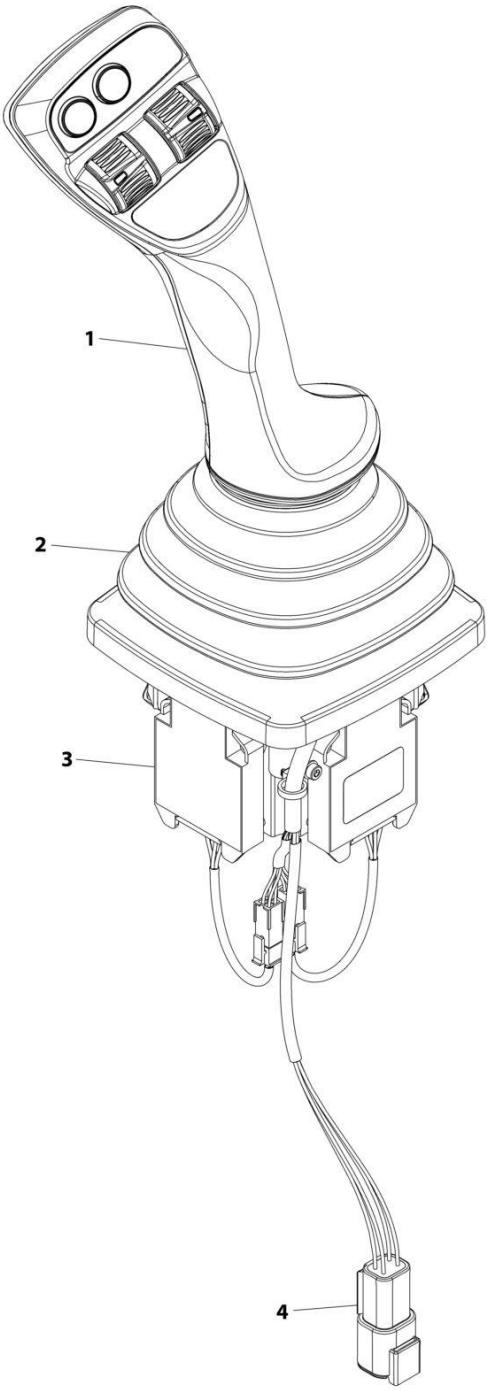


FIGURE 7-20. JOYSTICK, (AUX, NO FNR LEVER)

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 7-21. STEERING WHEEL

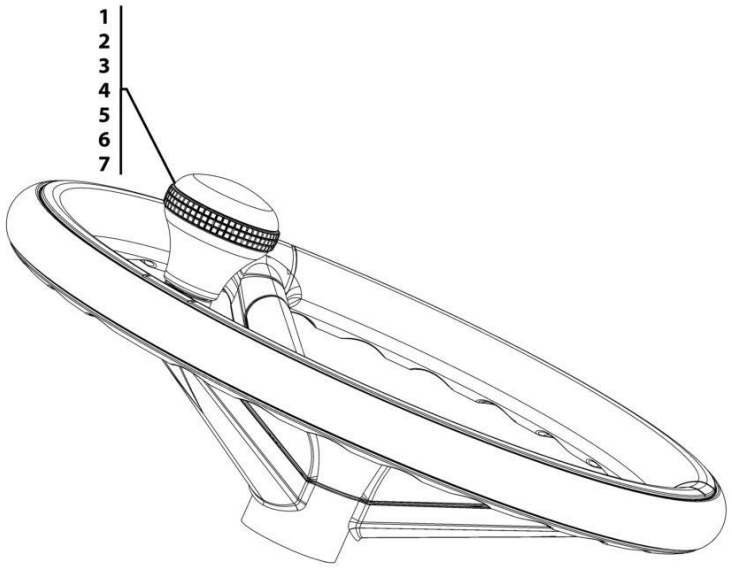


FIGURE 7-21. STEERING WHEEL

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	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. BRAKE LINES INSTALLATION - LOWER (3614RS)

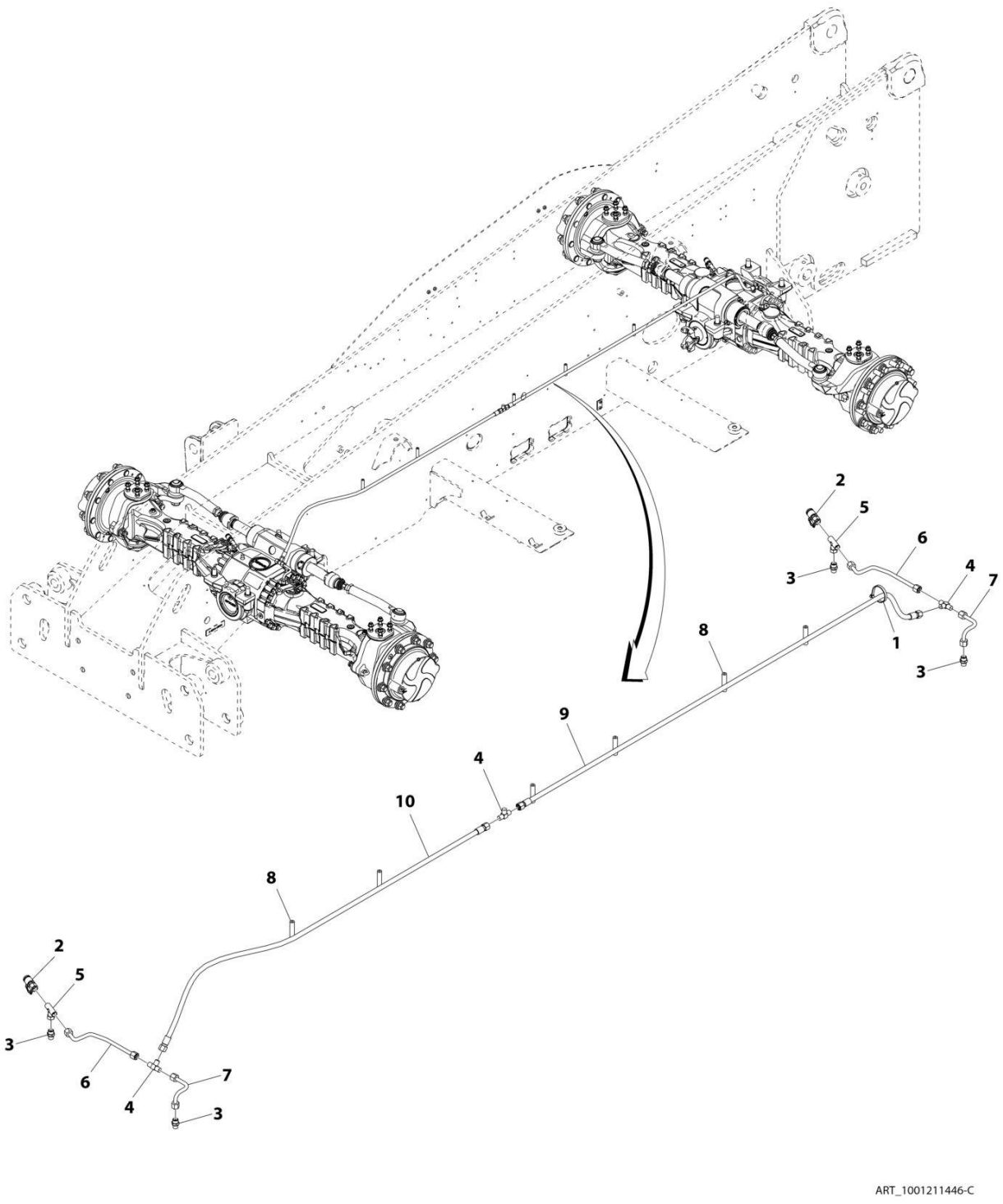


FIGURE 8-1. BRAKE LINES INSTALLATION - LOWER (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211446	Ref	Lower Brake Lines Installation	C
1	1062255	1	Strap, Cable	
2	1616551	2	Fitting	
3	2140206	4	Connector	
4	2141908	3	Fitting, Union Tee	
5	2142103	2	Fitting, Swivel Branch Tee	
6	8002323	2	Pipe	
7	1001147021	2	Pipe	
8	1001165274	6	Hose	
9	1001205591	1	Hose	
10	1001211328	1	Hose	

FIGURE 8-2. BRAKE LINES INSTALLATION - LOWER (4017RS)

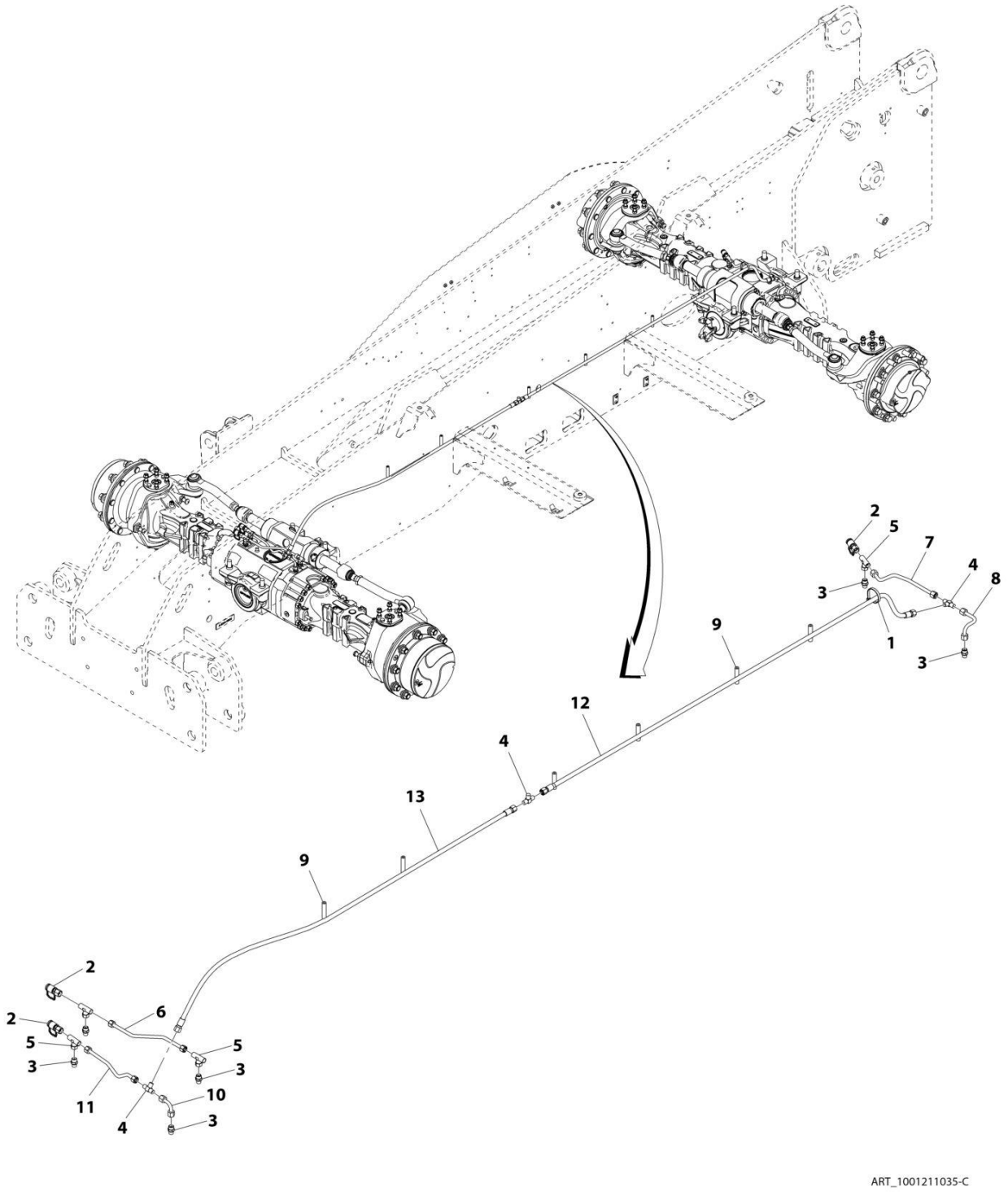


FIGURE 8-2. BRAKE LINES INSTALLATION - LOWER (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211035	Ref	Lower Brake Lines Installation	C
1	1062255	1	Tie, Strap	
2	1616551	3	Fitting	
3	2140206	6	Connector	
4	2141908	3	Fitting, Union Tee	
5	2142103	4	Fitting, Swivel Branch Tee	
6	3460380	1	Pipe	
7	8002323	1	Pipe	
8	1001147021	1	Pipe	
9	1001165274	6	Hose	
10	1001171759	1	Pipe	
11	1001171760	1	Pipe	
12	1001205591	1	Hose	
13	1001205593	1	Hose	

FIGURE 8-3. BRAKE LINES INSTALLATION - UPPER (3614RS)

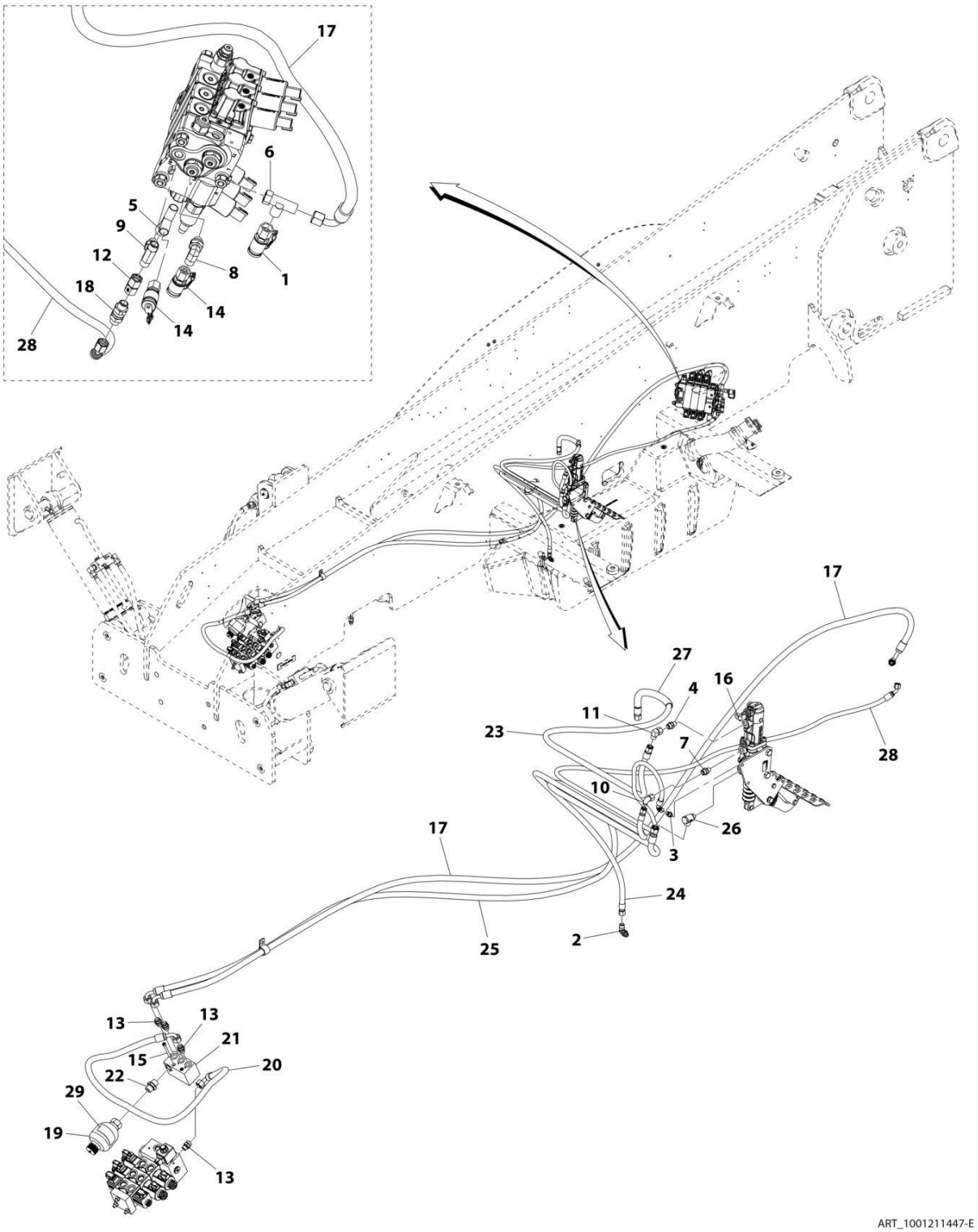


FIGURE 8-3. BRAKE LINES INSTALLATION - UPPER (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211447	Ref	Upper Brake Lines Installation	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 8-4. BRAKE LINES INSTALLATION - UPPER (4017RS)

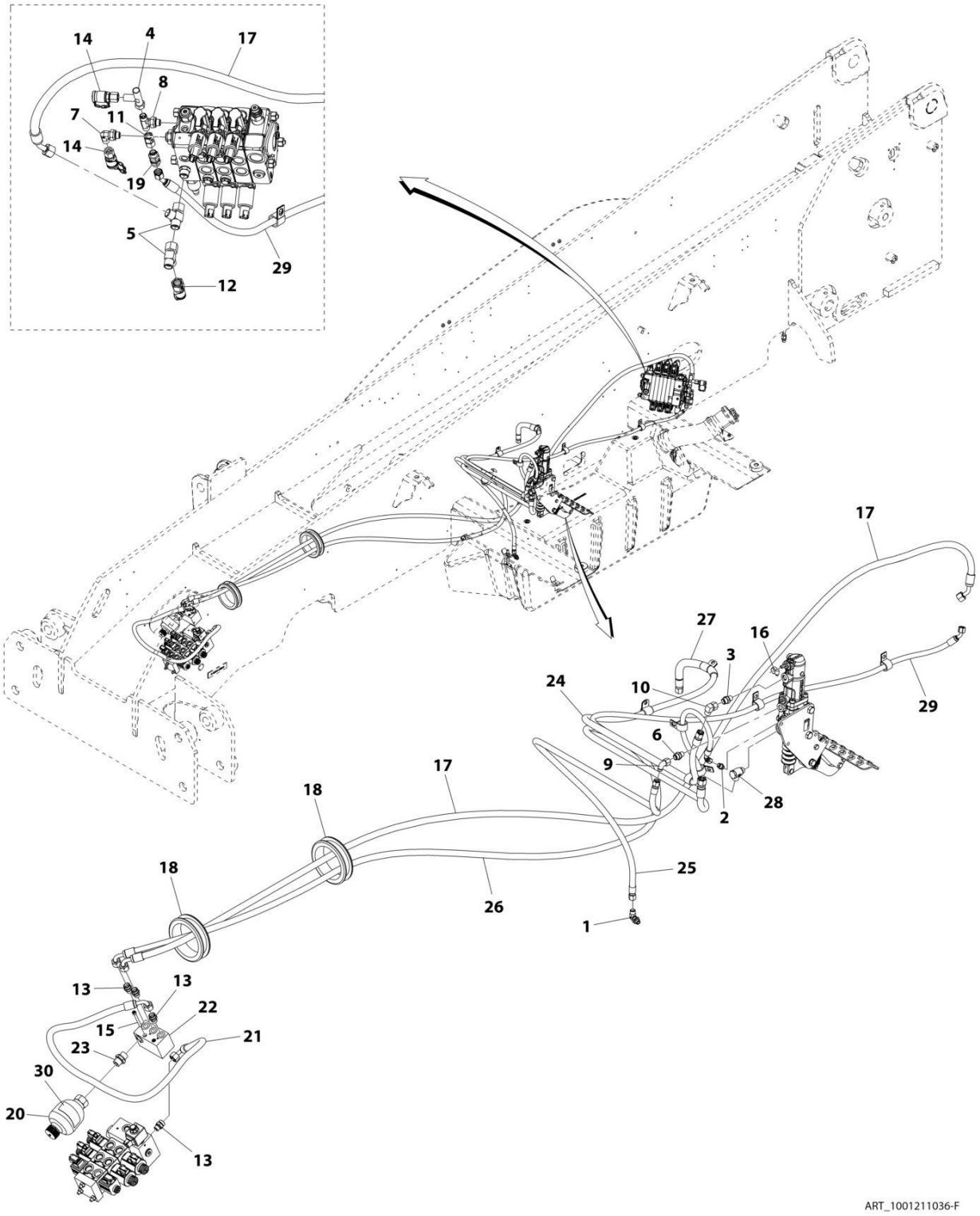


FIGURE 8-4. BRAKE LINES INSTALLATION - UPPER (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211036	Ref	Upper Brake Lines Installation	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 8-5. BREATHER INSTALLATION

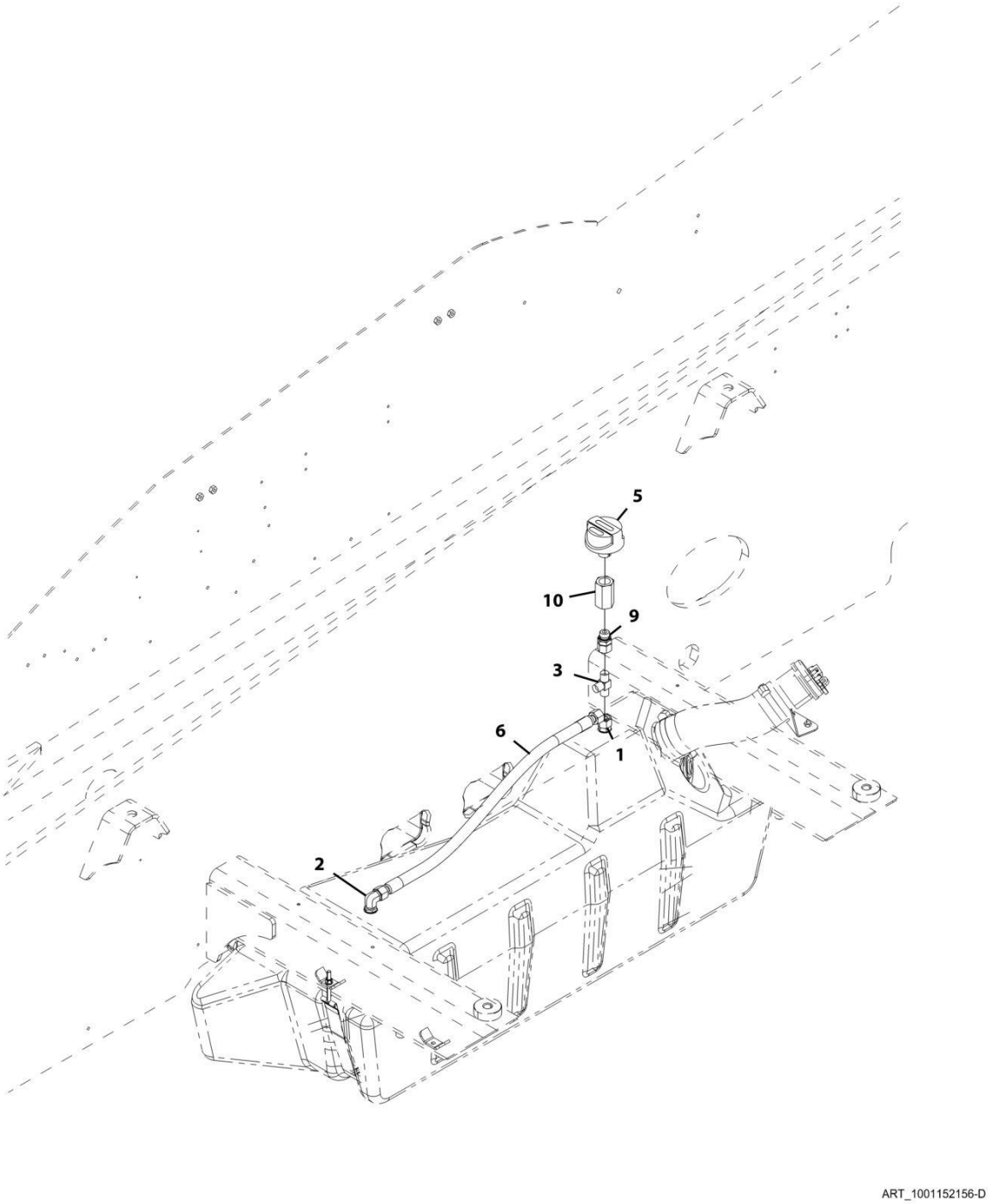


FIGURE 8-5. BREATHER INSTALLATION

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 8-6. IMPLEMENT LINES INSTALLATION (NO AUX HYDRAULICS) (3614RS)

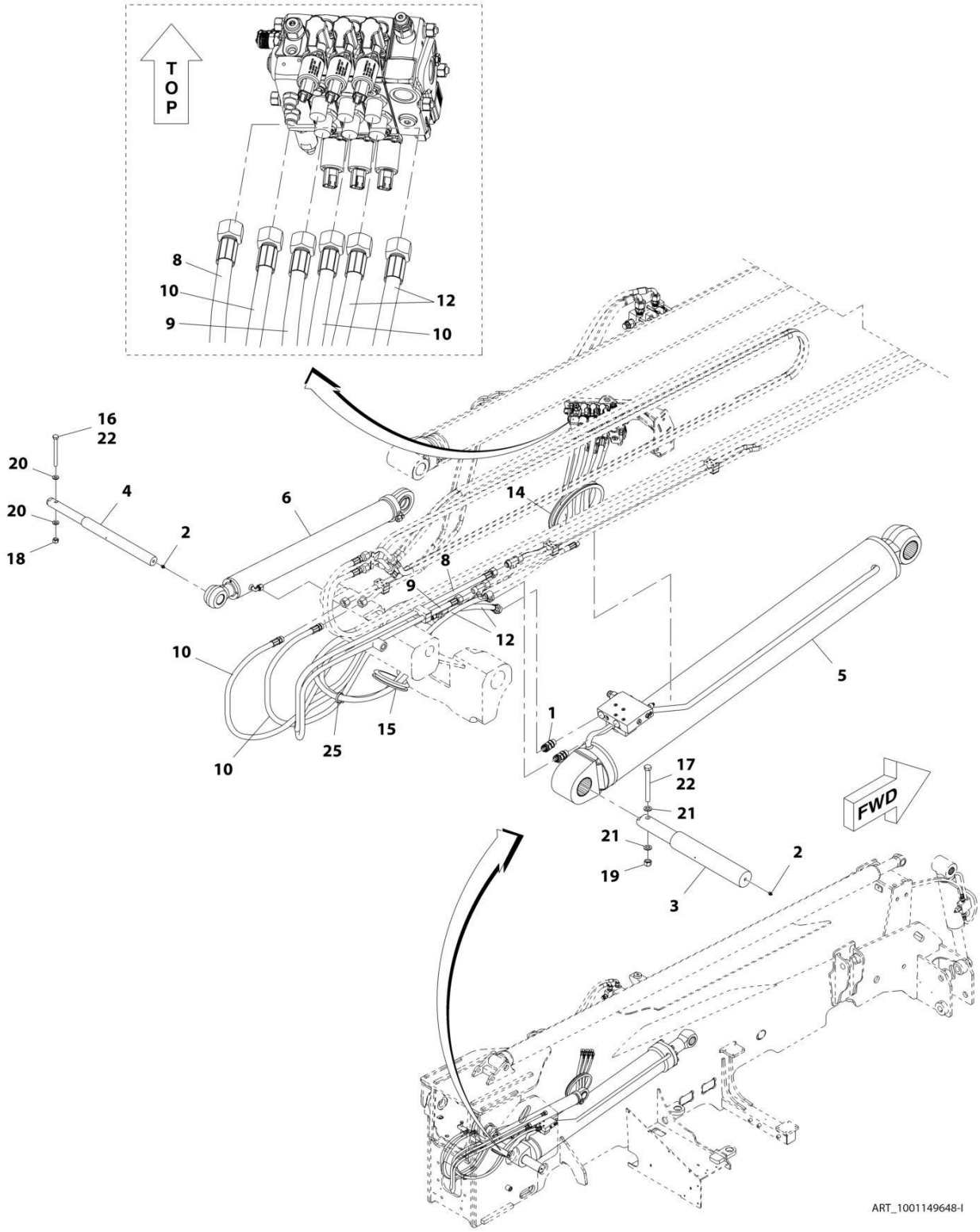


FIGURE 8-6. IMPLEMENT LINES INSTALLATION (NO AUX HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149648	Ref	Implement Lines Installation (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	1001184284	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001144203	1	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 8-7. IMPLEMENT LINES INSTALLATION (AUXILIARY HYDRAULICS) (3614RS)

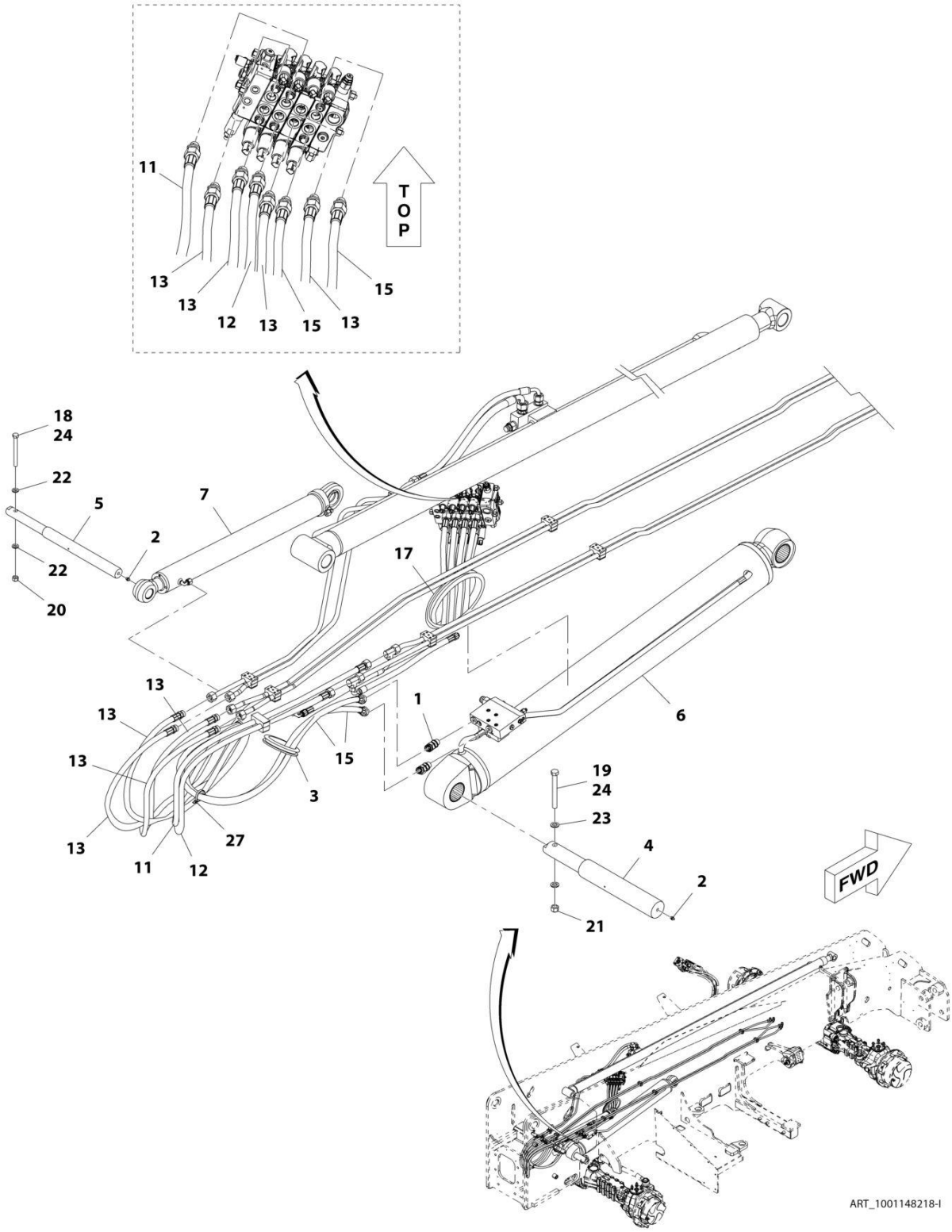


FIGURE 8-7. IMPLEMENT LINES INSTALLATION (AUXILIARY HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148218	Ref	Implement Lines Installation (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	1001184284	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	1001144203	1	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 8-8. IMPLEMENT LINES INSTALLATION (NO AUX HYDRAULICS) (4017RS)

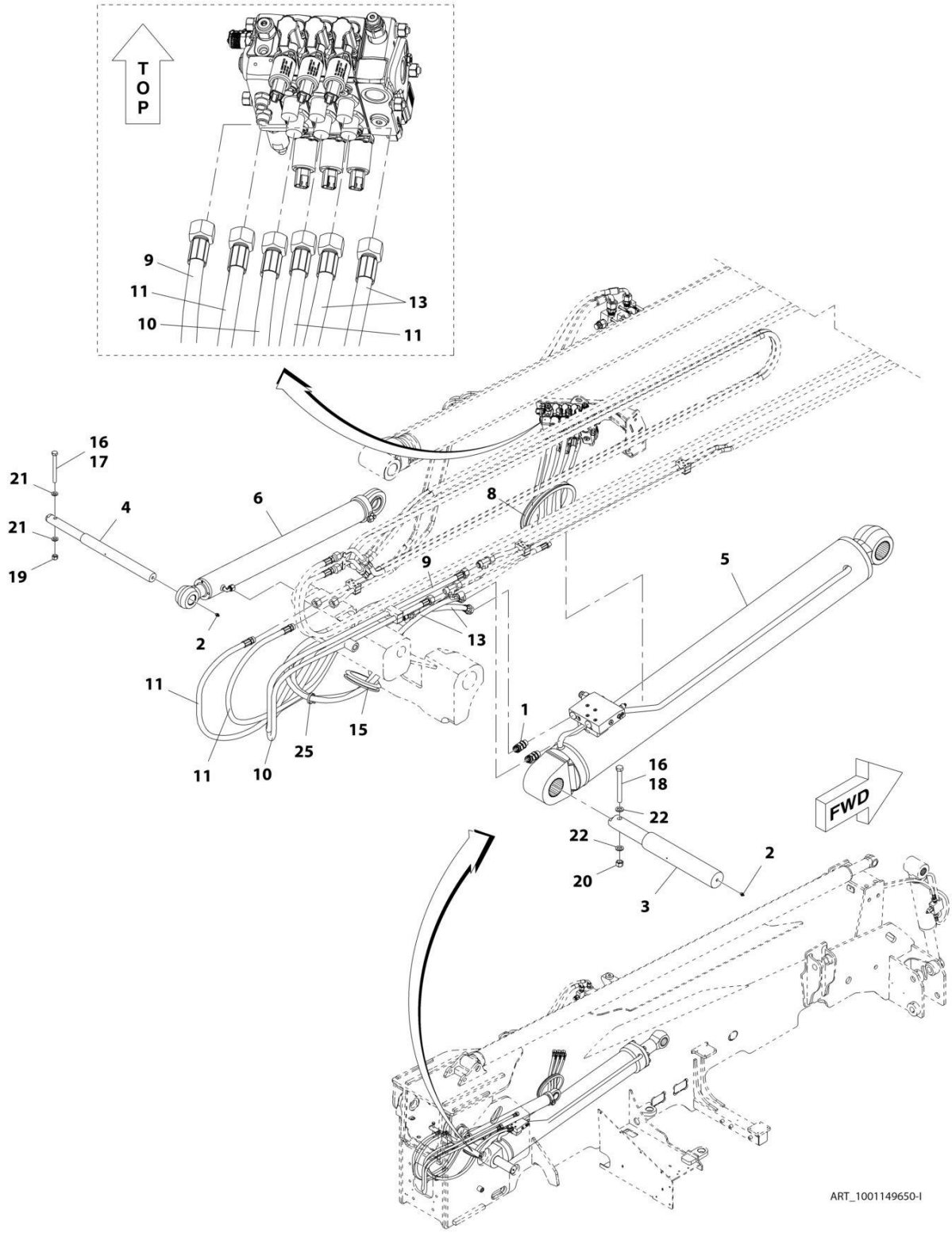


FIGURE 8-8. IMPLEMENT LINES INSTALLATION (NO AUX HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149650	Ref	Implement Lines Installation (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	1001184285	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001144203	1	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 8-9. IMPLEMENT LINES INSTALLATION (AUXILIARY HYDRAULICS) (4017RS)

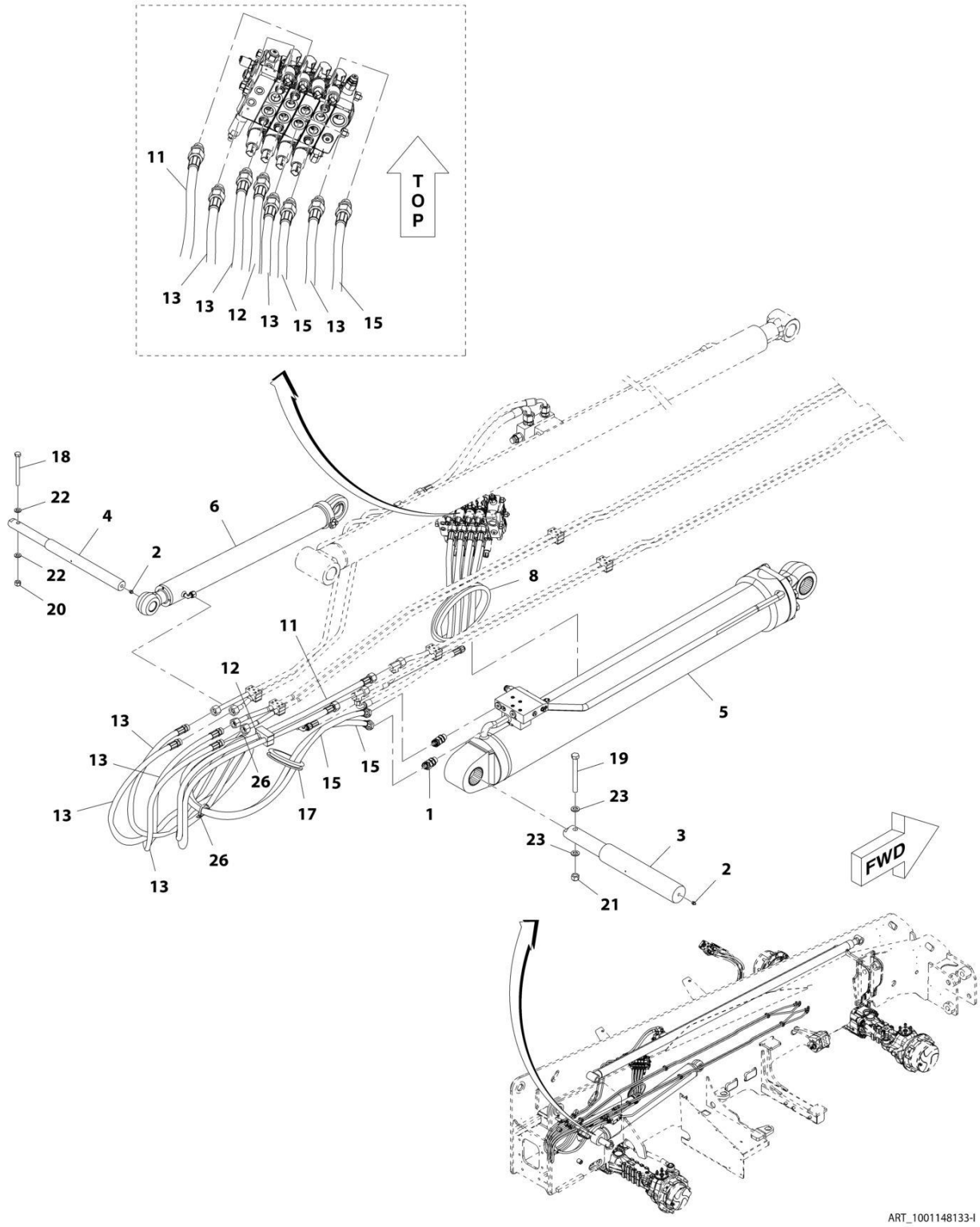


FIGURE 8-9. IMPLEMENT LINES INSTALLATION (AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148133	Ref	Implement Lines Installation (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	1001184285	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001144203	1	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 8-10. LEVELING AND OUTRIGGERS INSTALLATION (3614RS)

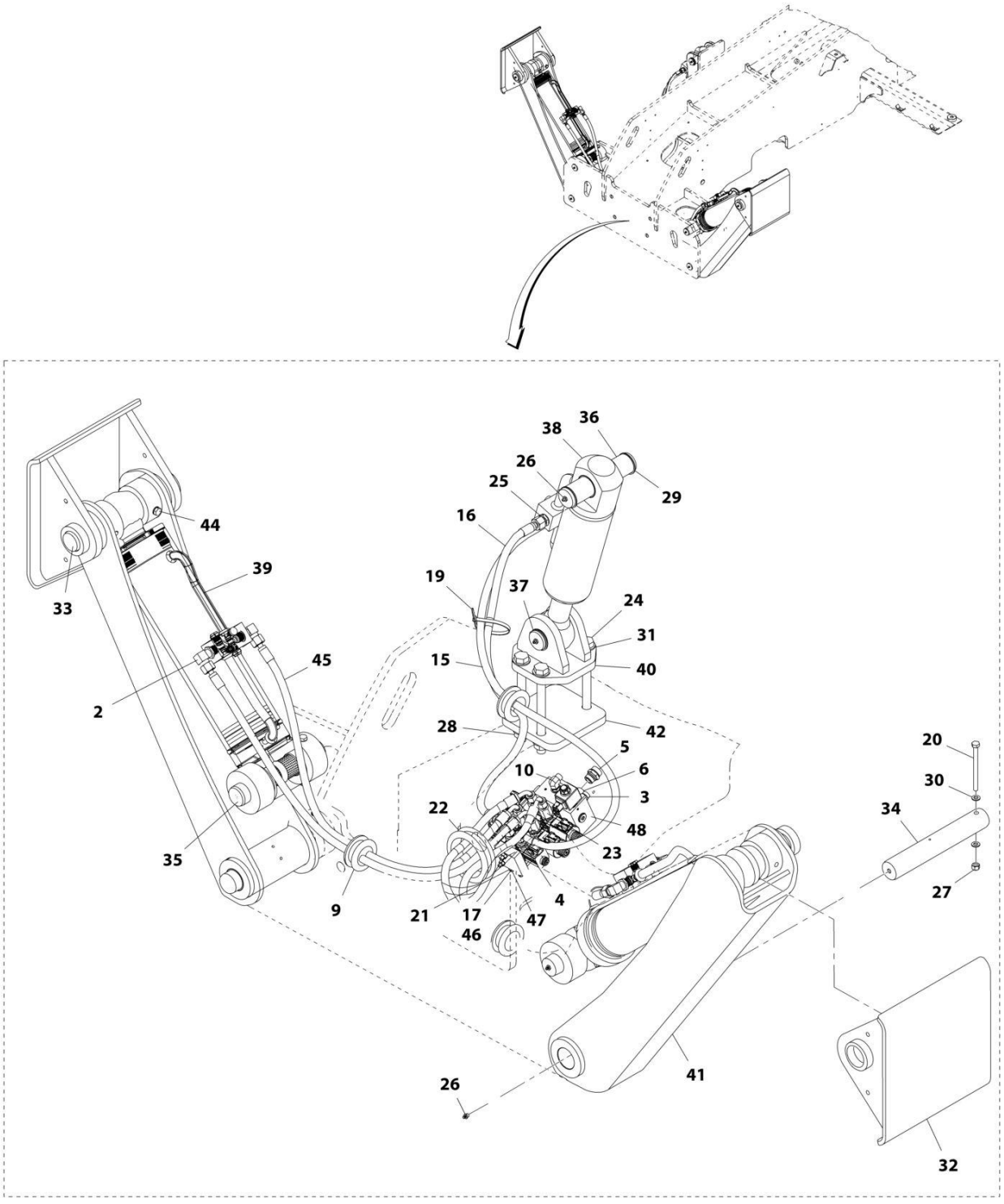


FIGURE 8-10. LEVELING AND OUTRIGGERS INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146341	Ref	Leveling and Outriggers Installation	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	1001146580	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
39	1001144215	2	Cylinder, Outrigger (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
40	1001145151	1	Bracket	
41	1001145267	2	Assembly, Outrigger Leg (See Separate Breakdown in this Section)	
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-11. LEVELING AND OUTRIGGERS INSTALLATION (4017RS)

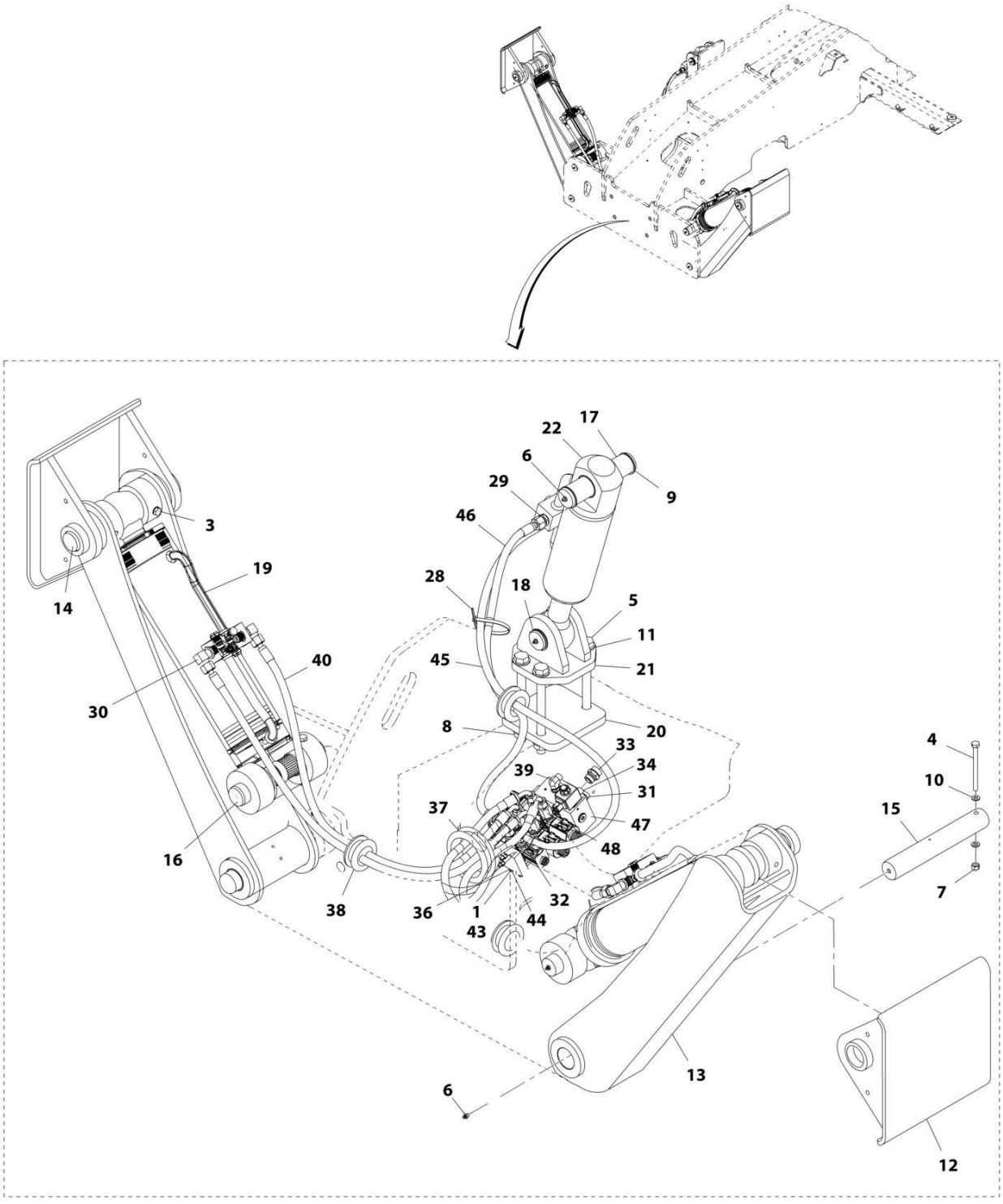


FIGURE 8-11. LEVELING AND OUTRIGGERS INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148129	Ref	Leveling and Outriggers Installation	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 Separate Breakdown in this Section)	
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
20	1001148835	1	Plate	
21	1001145151	1	Bracket	
22	1001146580	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
48	1001155345	4	Fitting	

FIGURE 8-12. OUTRIGGER LEG ASSEMBLY

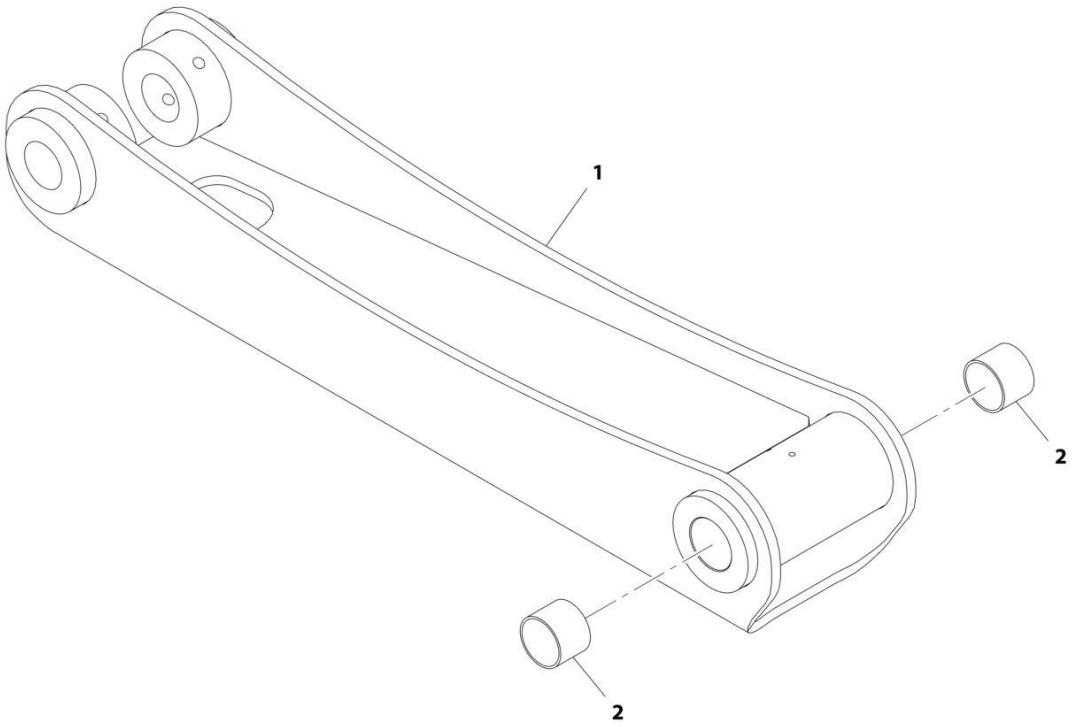


FIGURE 8-12. OUTRIGGER LEG ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145267	Ref	Outrigger Leg Assembly	B
1	1001002579J	1	Outrigger Leg	
2	1001092542	2	Bearing	

FIGURE 8-13. PUMP LINES INSTALLATION (NO AUXILIARY HYDRAULICS) (3614RS)

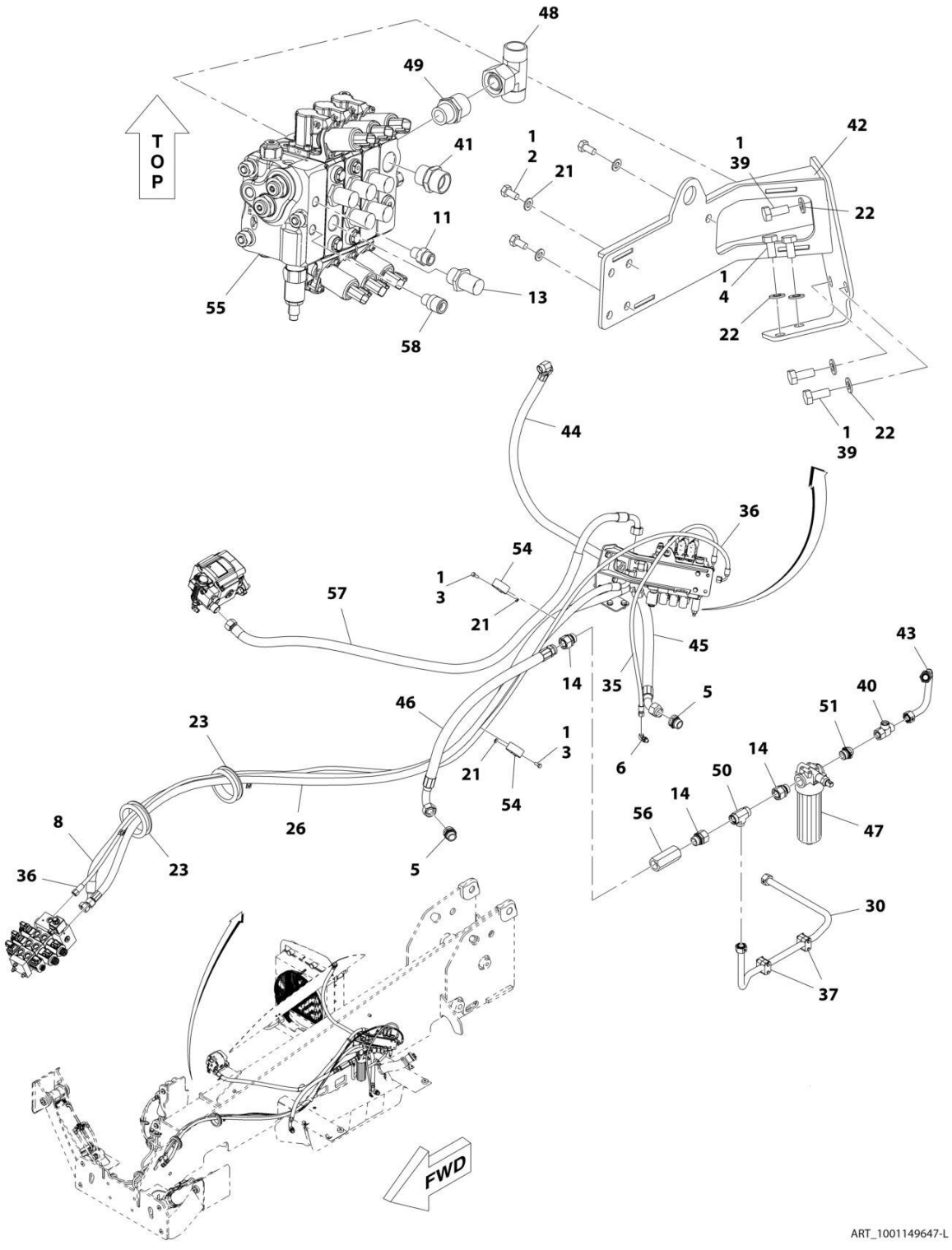


FIGURE 8-13. PUMP LINES INSTALLATION (NO AUXILIARY HYDRAULICS) (3614RS)

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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
56	1001173742	1	Valve, Bypass	
57	1001174417	1	Hose	
58	2142708	1	Connector	

FIGURE 8-14. PUMP LINES INSTALLATION (AUXILIARY HYDRAULICS) (3614RS)

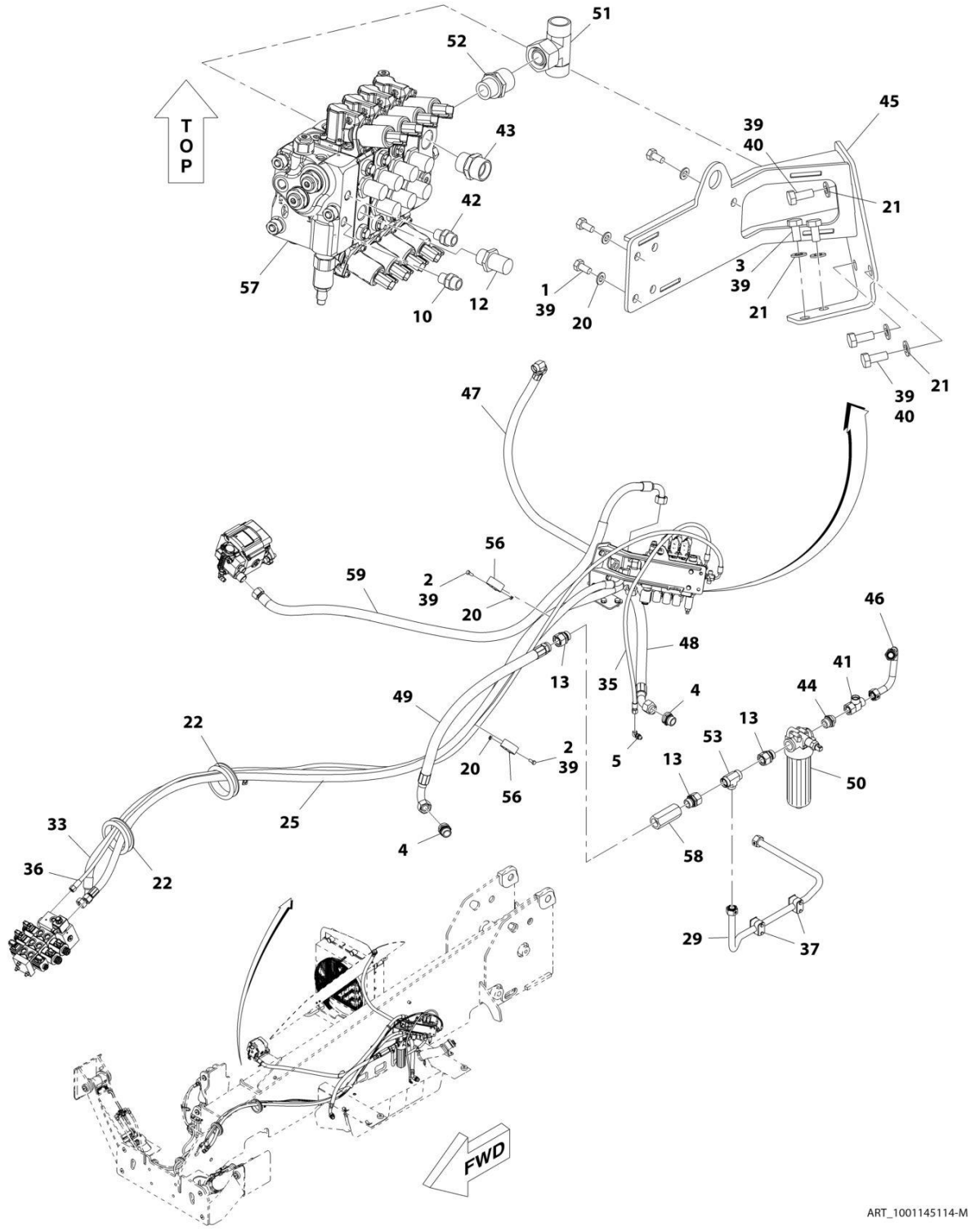


FIGURE 8-14. PUMP LINES INSTALLATION (AUXILIARY HYDRAULICS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145114	Ref	Pump Lines Installation (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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
58	1001173742	1	Valve, Bypass	
59	1001174417	1	Hose	

FIGURE 8-15. PUMP LINES INSTALLATION (NO AUXILIARY HYDRAULICS) (4017RS)

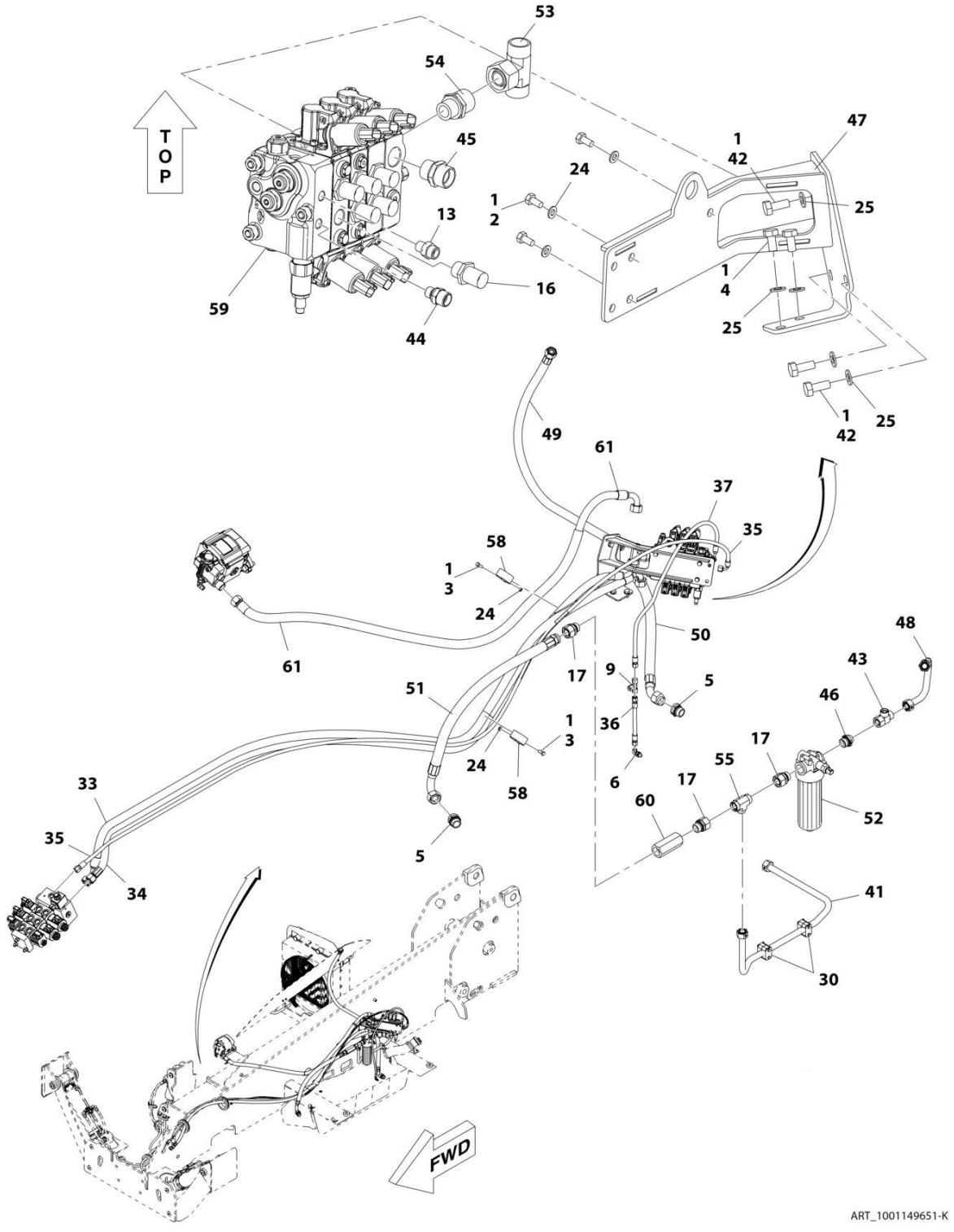


FIGURE 8-15. PUMP LINES INSTALLATION (NO AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149651	Ref	Pump Lines Installation (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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
60	1001173742	1	Valve, Bypass	
61	1001174417	1	Hose	

FIGURE 8-16. PUMP LINES INSTALLATION (AUXILIARY HYDRAULICS) (4017RS)

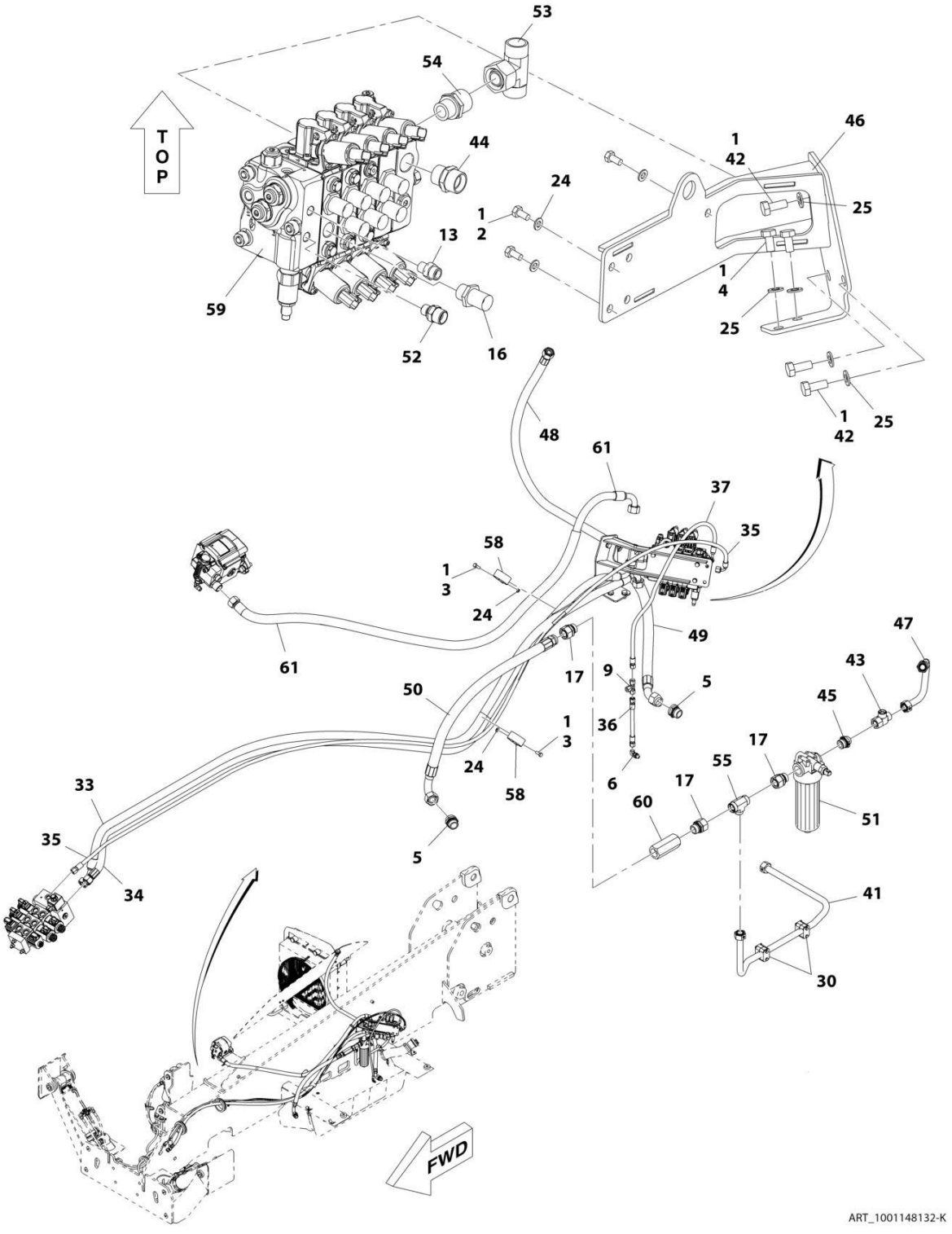


FIGURE 8-16. PUMP LINES INSTALLATION (AUXILIARY HYDRAULICS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148132	Ref	Pump Lines Installation (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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
60	1001173742	1	Valve, Bypass	
61	1001174417	1	Hose	

FIGURE 8-17. PUMP LINES NO AUXILIARY INSTALLATION - 17M (HIGH VIS CAB)

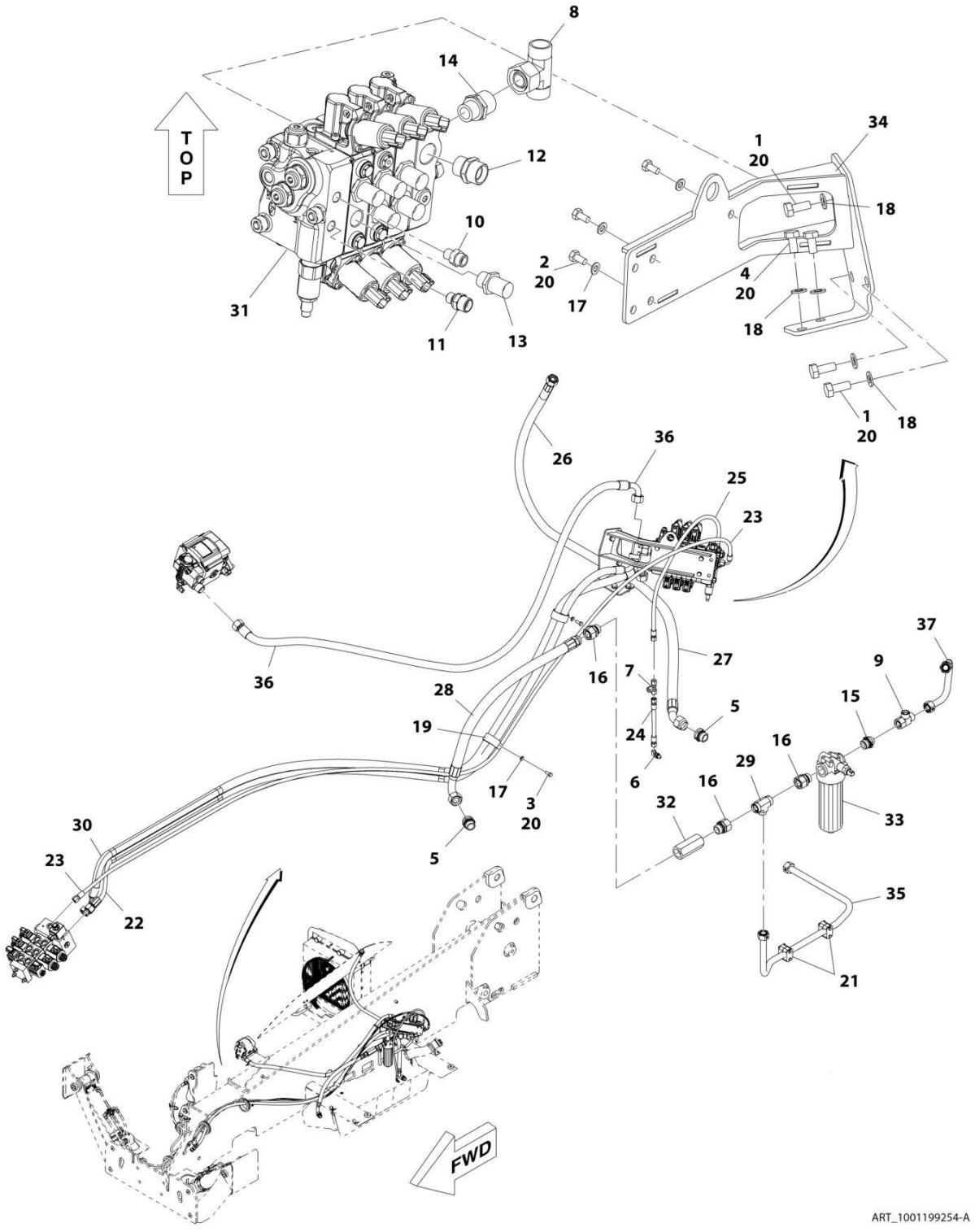


FIGURE 8-17. PUMP LINES NO AUXILIARY INSTALLATION - 17M (HIGH VIS CAB)

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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
32	1001173742	1	Valve, Bypass	
33	1001175757	1	Filter, Hydraulic Oil (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
34	1001188875	1	Plate	
35	1001199166	1	Pipe, Oil Cooling	
36	1001199402	1	Hose	
37	1001202335	1	Tube	

FIGURE 8-18. PUMP LINES AUXILIARY INSTALLATION - 17M (HIGH VIS CAB)

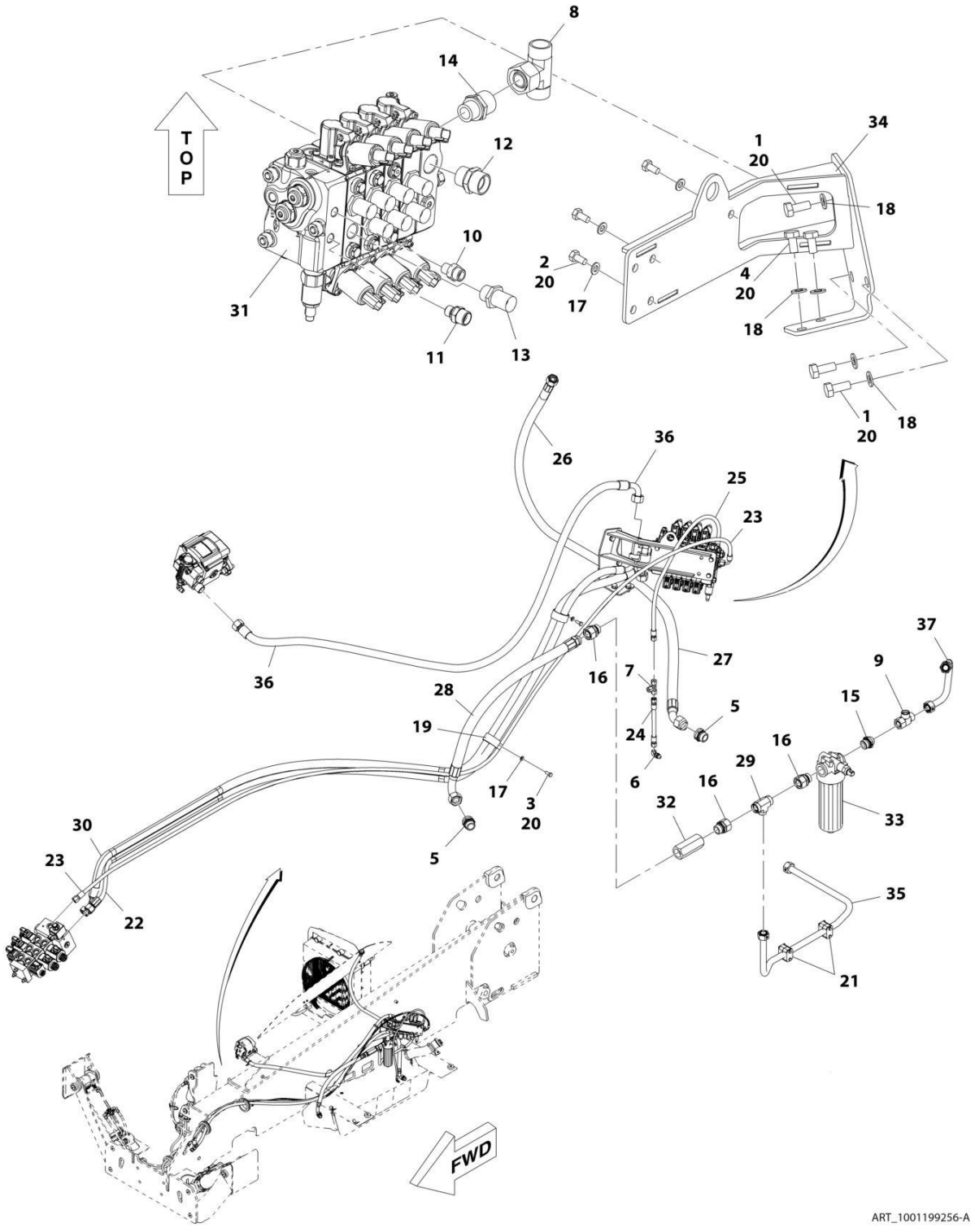


FIGURE 8-18. PUMP LINES AUXILIARY INSTALLATION - 17M (HIGH VIS CAB)

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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
32	1001173742	1	Valve, Bypass	
33	1001175757	1	Filter, Hydraulic Oil (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
34	1001188875	1	Plate	
35	1001199166	1	Pipe, Oil Cooling	
36	1001199402	1	Hose	
37	1001202335	1	Tube	

FIGURE 8-19. REMOTE GREASE SYSTEM INSTALLATION

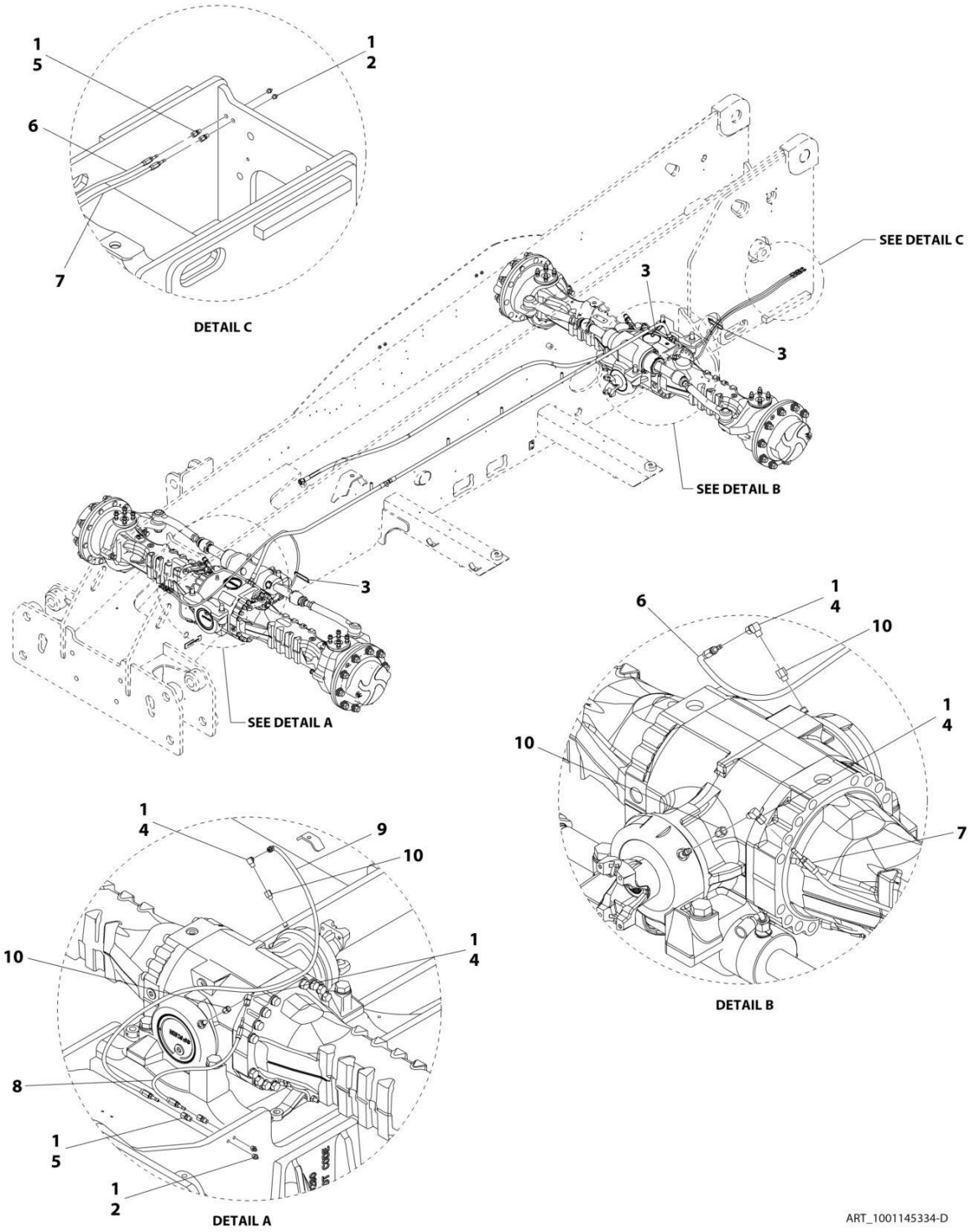


FIGURE 8-19. REMOTE GREASE SYSTEM INSTALLATION

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 8-20. REMOTE GREASE INSTALLATION - BOOM (3614RS)

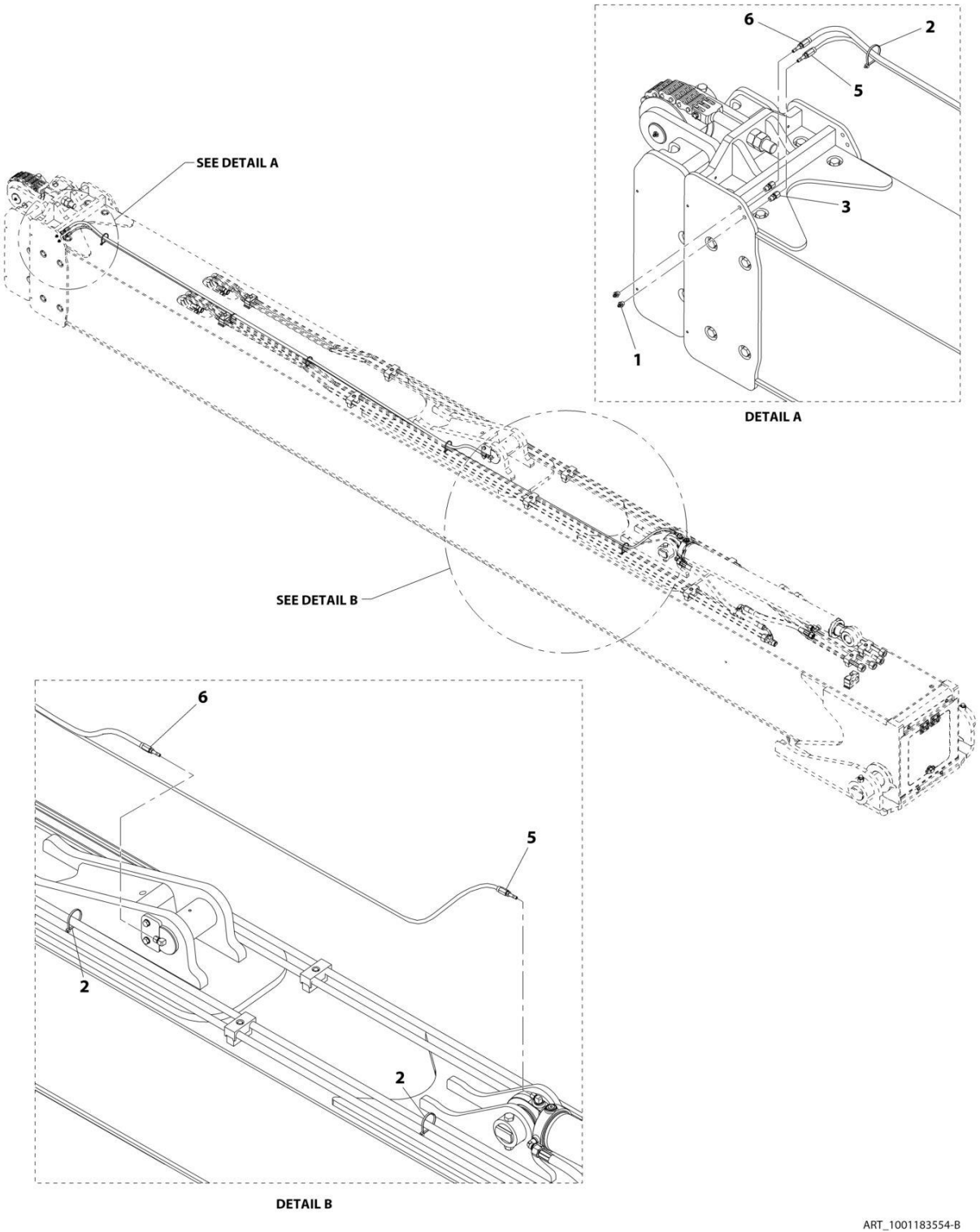


FIGURE 8-20. REMOTE GREASE INSTALLATION - BOOM (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183554	Ref	Boom Remote Grease Installation (If equipped)	B
1	2160016	2	Fitting, Grease	
2	1001008559	5	Strap, Cable	
3	1001101563	2	Adapter, Straight	
5	1001183558	1	Hose	
6	1001183559	1	Hose	

FIGURE 8-21. REMOTE GREASE INSTALLATION - BOOM (4017RS)

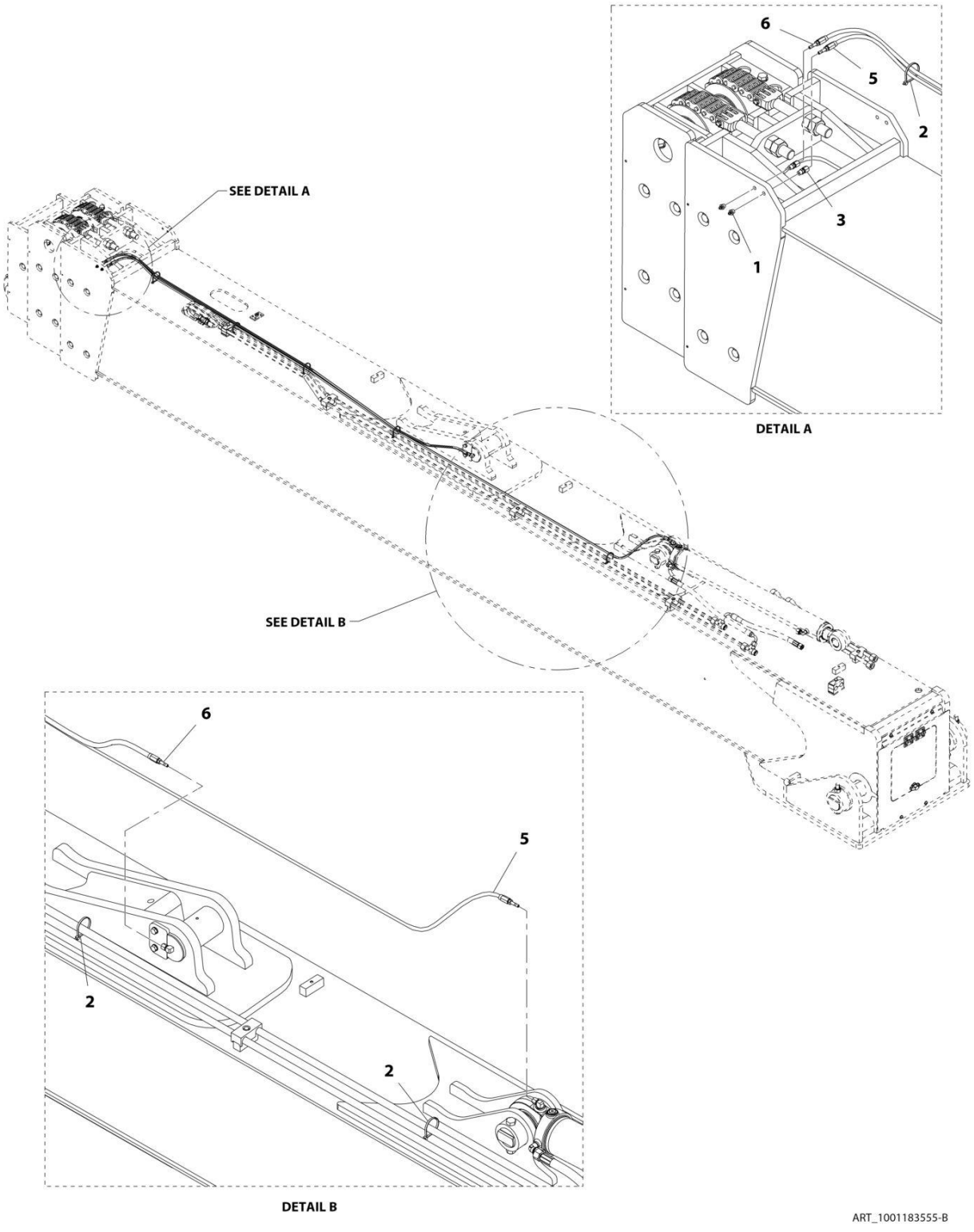


FIGURE 8-21. REMOTE GREASE INSTALLATION - BOOM (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183555	Ref	Boom Remote Grease Installation (If equipped)	B
1	2160016	2	Fitting, Grease	
2	1001008559	5	Strap, Cable	
3	1001101563	2	Adapter, Straight	
5	1001183556	1	Hose	
6	1001183557	1	Hose	

FIGURE 8-22. REMOTE GREASE FITTING

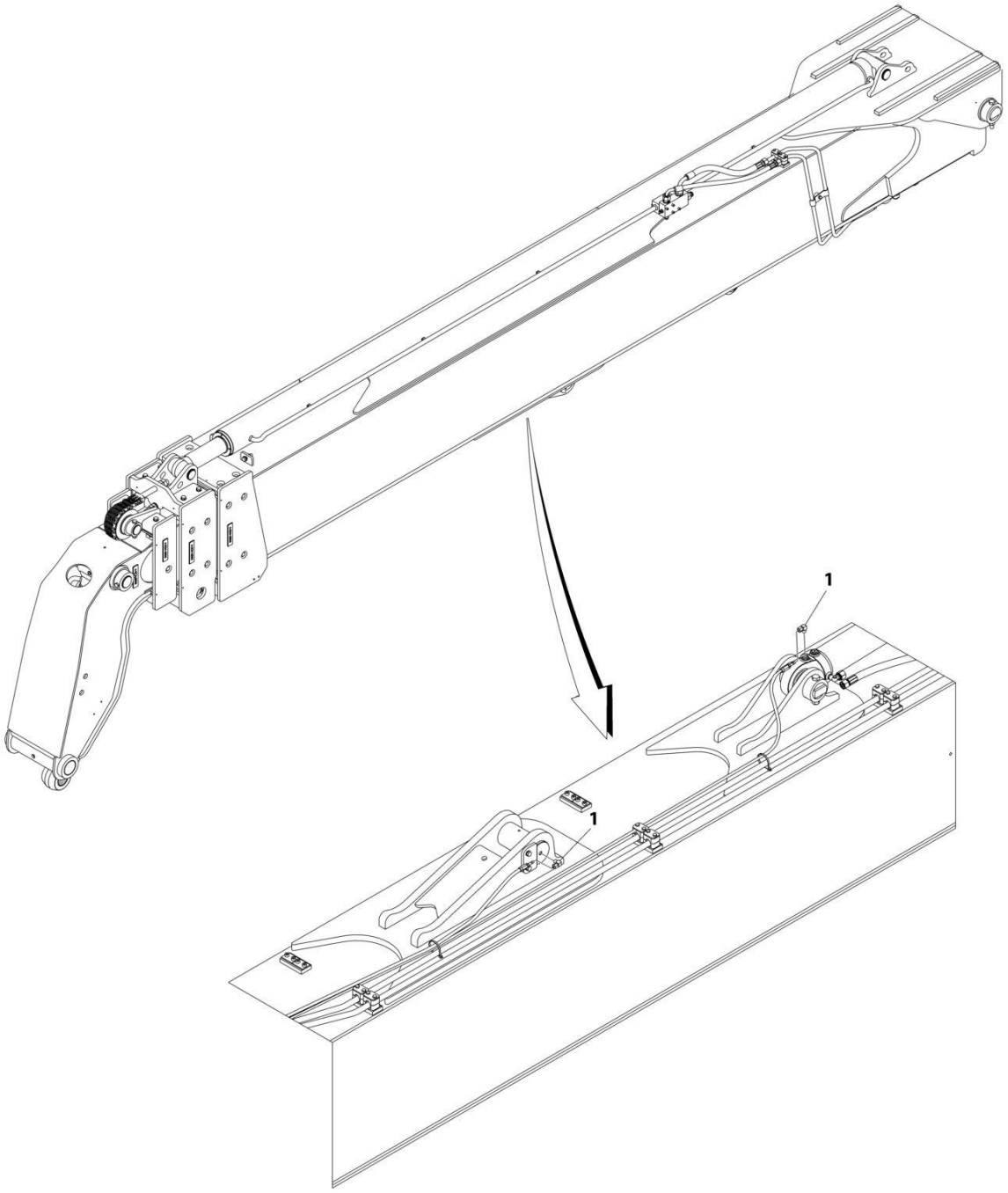


FIGURE 8-22. REMOTE GREASE FITTING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192837	Ref	Remote Grease Fitting	A
1	1001164053	2	Fitting	

FIGURE 8-23. STEERING INSTALLATION (3614RS)

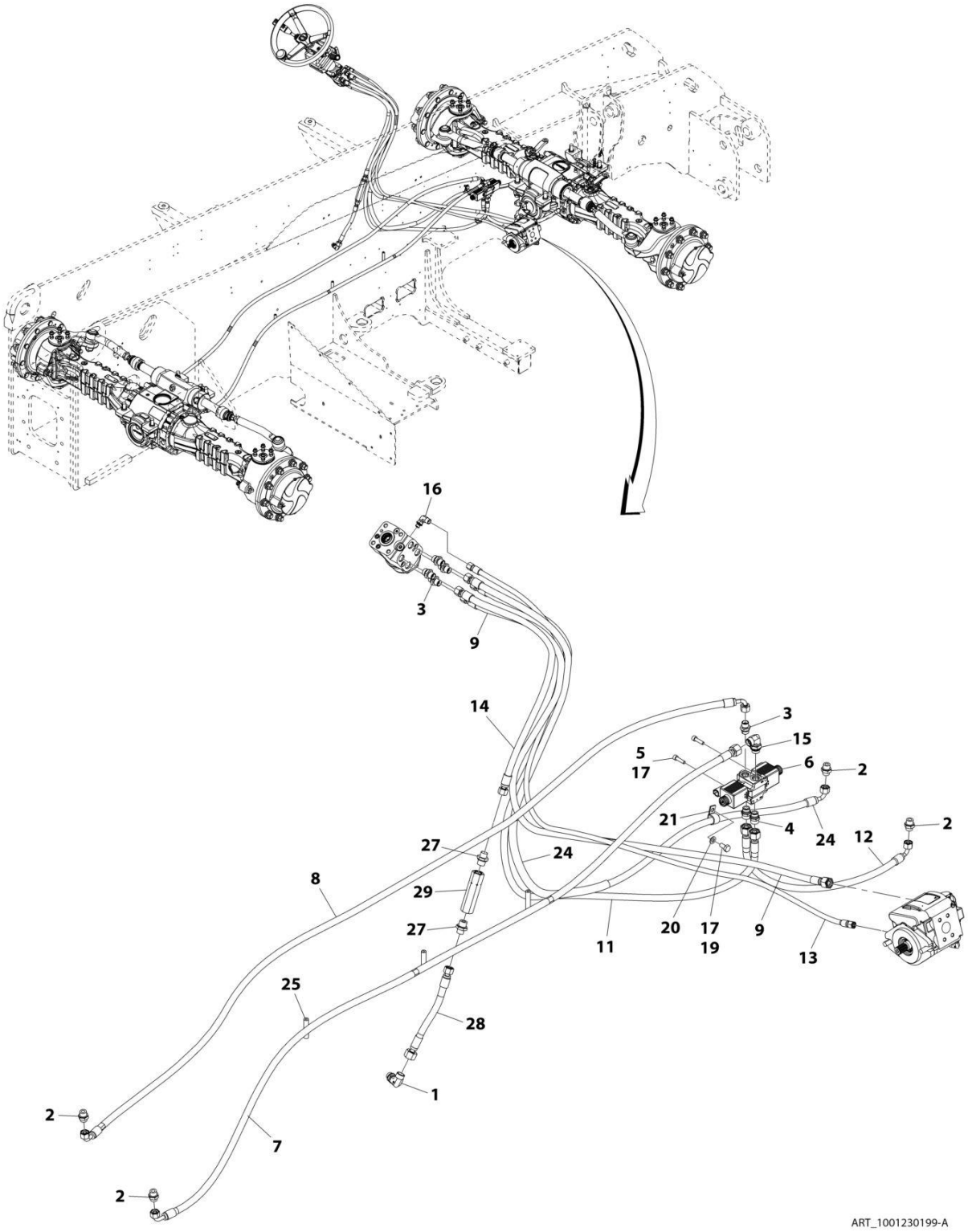


FIGURE 8-23. STEERING INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230199	Ref	Steering Installation	A
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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	1001224034	1	Hose Assembly, Steering Upper	
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	
27	2142713	2	Connector	
28	1001224033	1	Hose Assembly, Steering Lower	
29	1001226495	1	Valve	

FIGURE 8-24. STEERING INSTALLATION (4017RS)

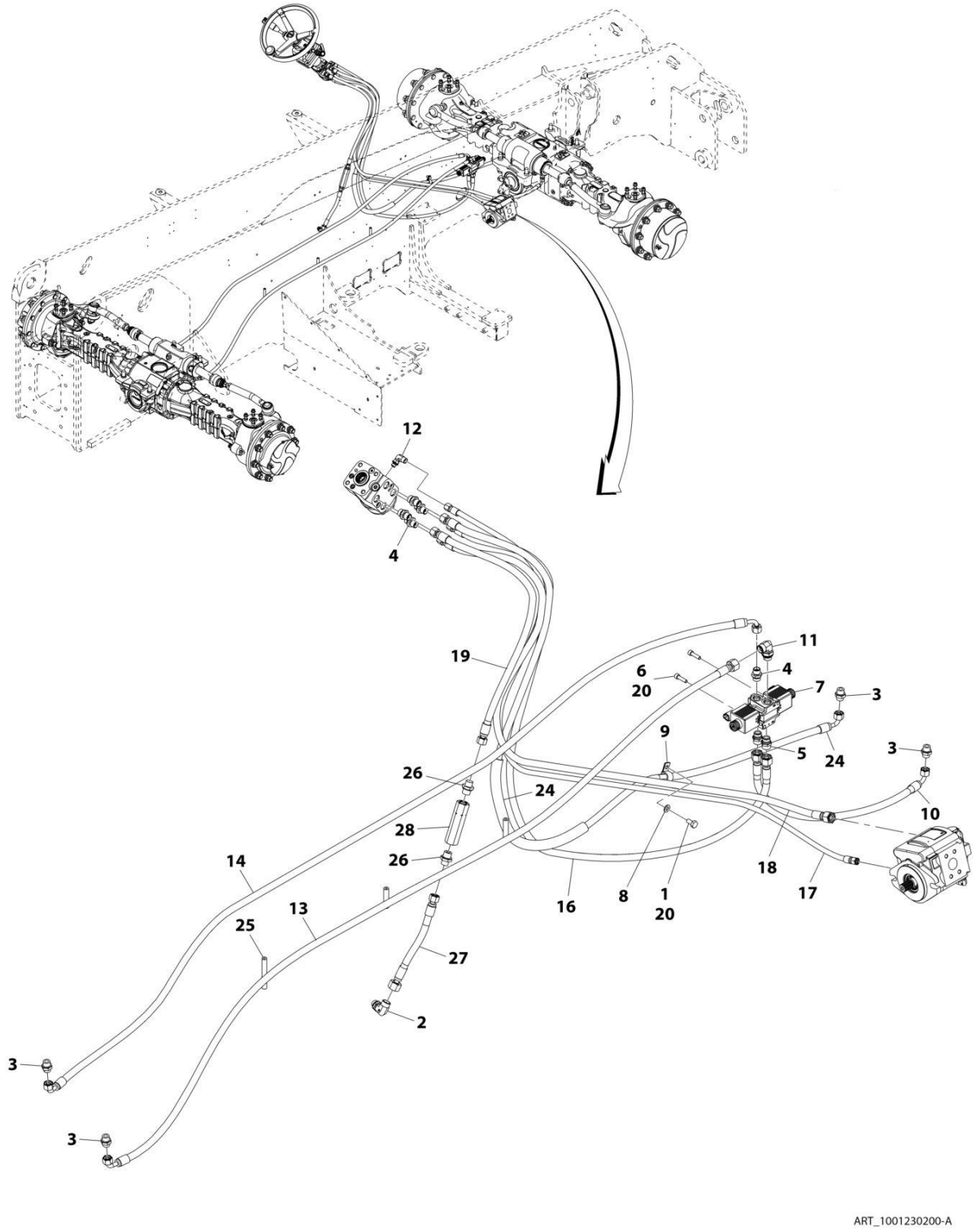
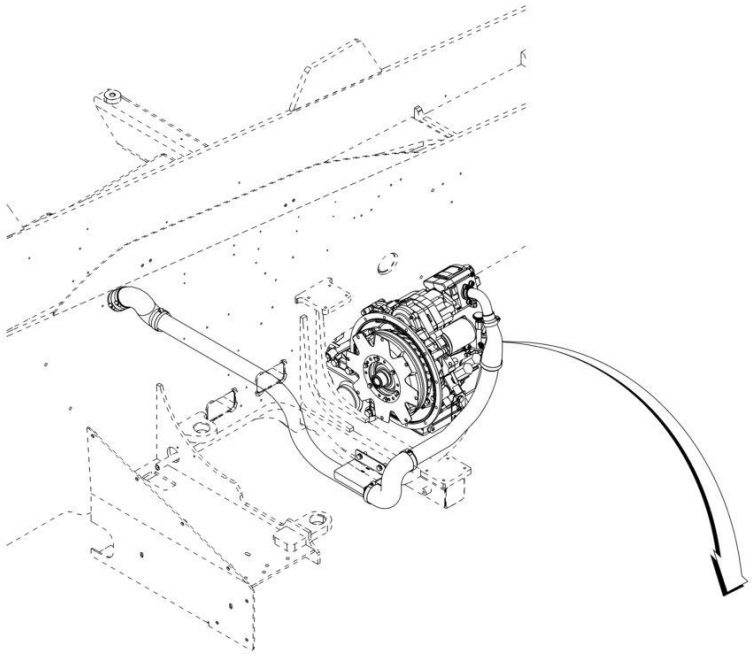
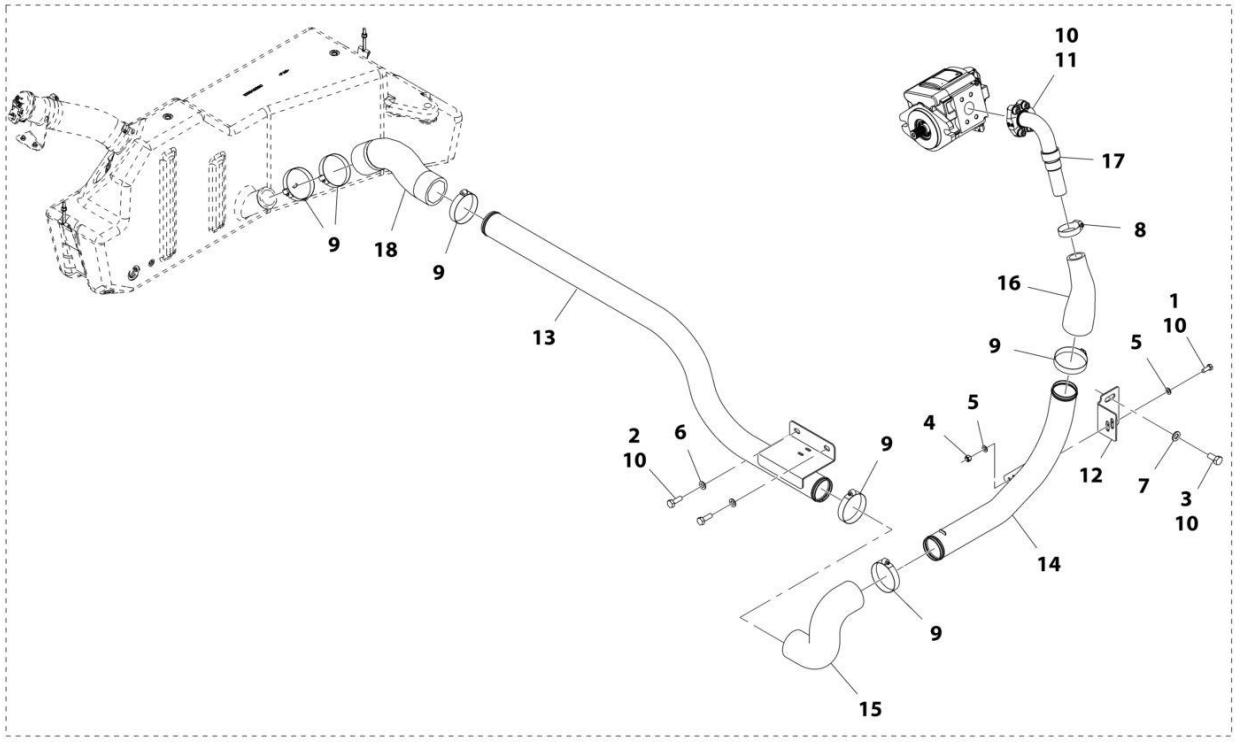


FIGURE 8-24. STEERING INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230200	Ref	Steering Installation	A
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 Separate Breakdown in HYDRAULIC COMPONENTS Section)	
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	1001224034	1	Hose Assembly, Steering Upper	
20	1001095650	AR	Compound, Locking	
24	1001174472	1	Hose	
25	1001165274	3	Hose, Bulk	
26	2142713	2	Connector	
27	1001224033	1	Hose Assembly, Steering Lower	
28	1001226495	1	Valve	

FIGURE 8-25. SUCTION LINES INSTALLATION - 17M (HIGH VIS CAB)





ART_1001200110-B

FIGURE 8-25. SUCTION LINES INSTALLATION - 17M (HIGH VIS CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200110	Ref	17M Suction Lines Installation (High Vis Cab)	B
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 8-26. SUPPLY LINES INSTALLATION (3614RS)

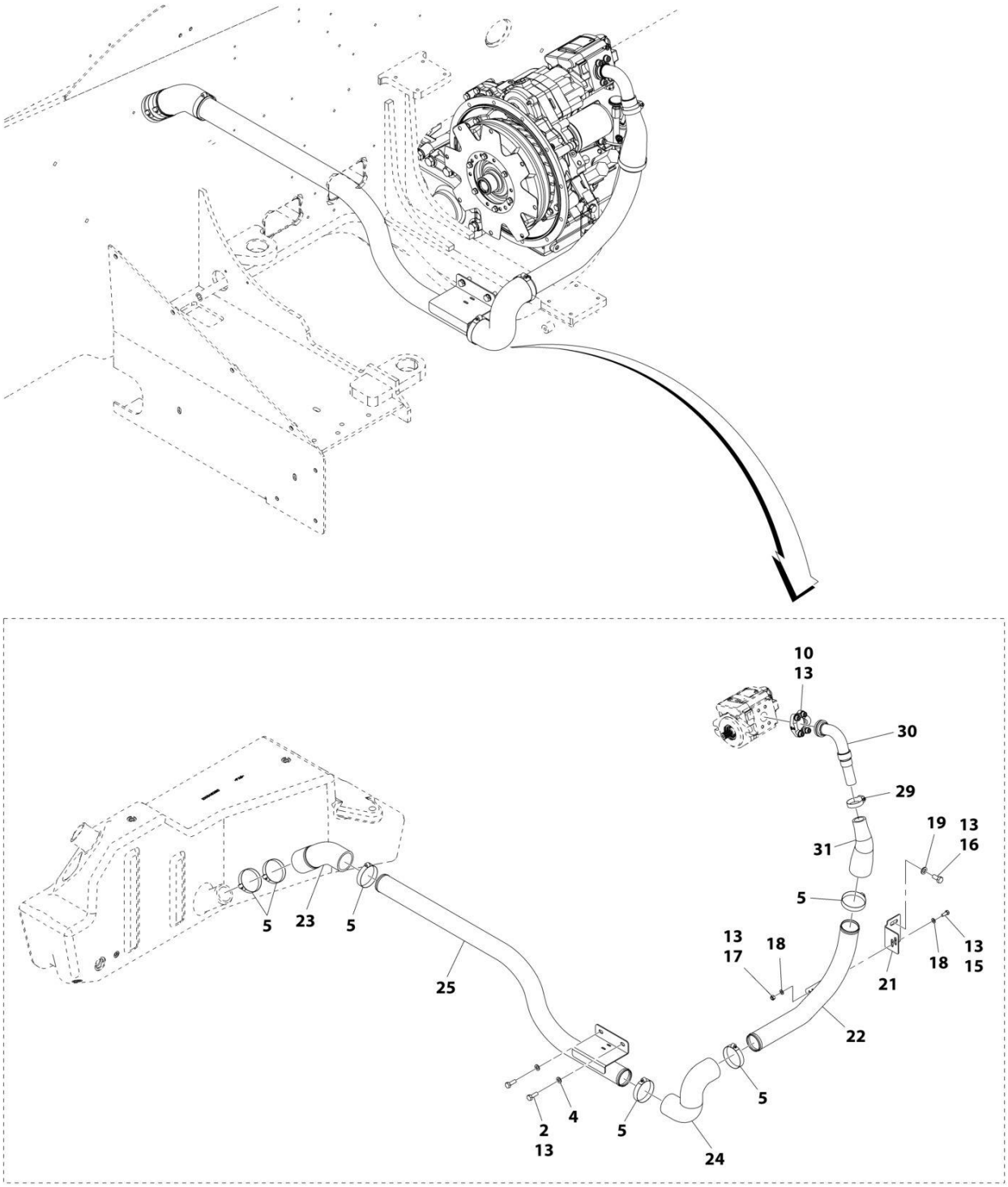


FIGURE 8-26. SUPPLY LINES INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147676	Ref	Supply Lines Installation	I
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 8-27. SUPPLY LINES INSTALLATION (4017RS)

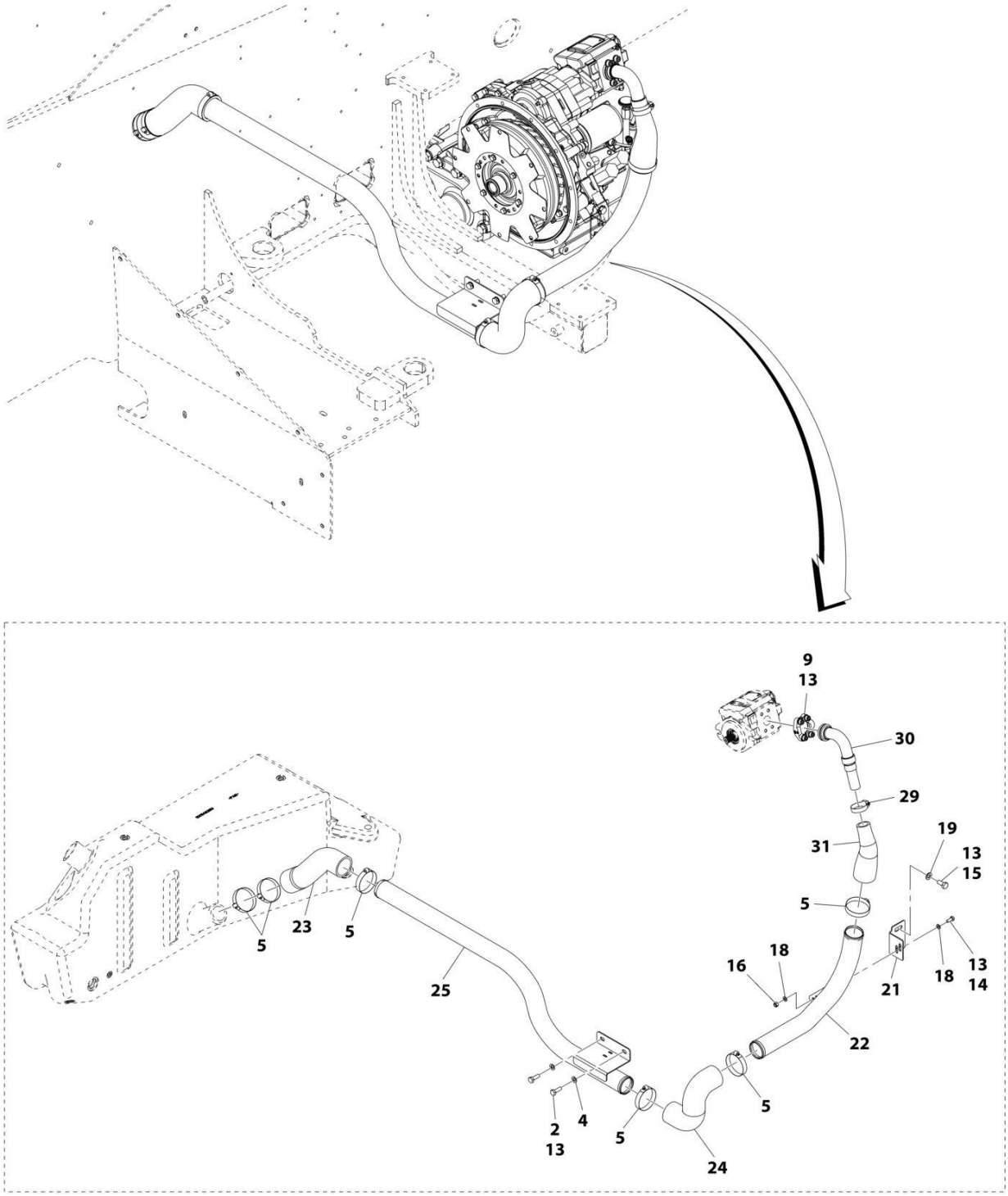


FIGURE 8-27. SUPPLY LINES INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148128	Ref	Supply Lines Installation	H
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	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION

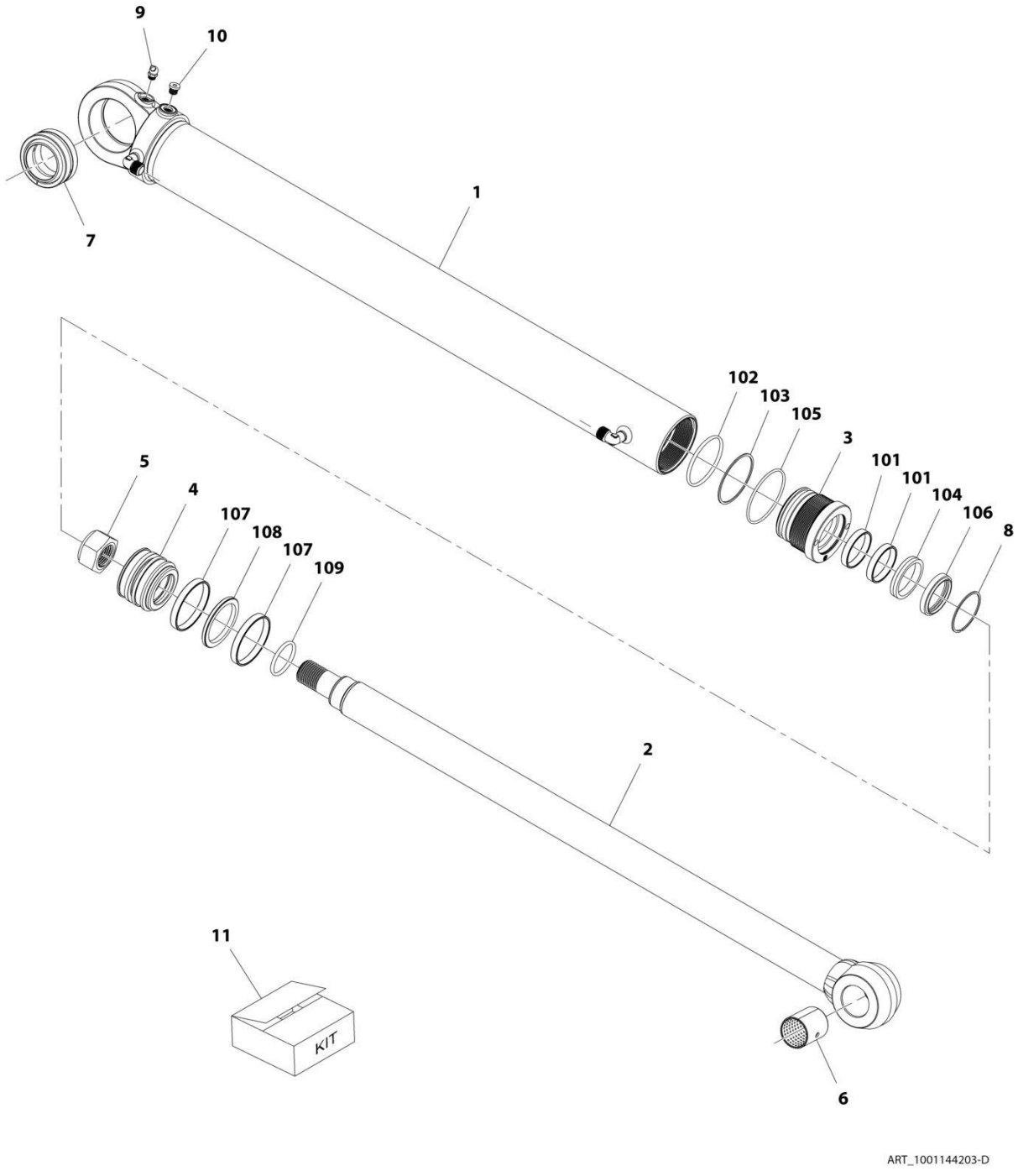


FIGURE 9-1. CYLINDER ASSEMBLY - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144203	Ref	Compensation Cylinder	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
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 9-2. CYLINDER ASSEMBLY - EXTEND/RETRACT (3614RS)

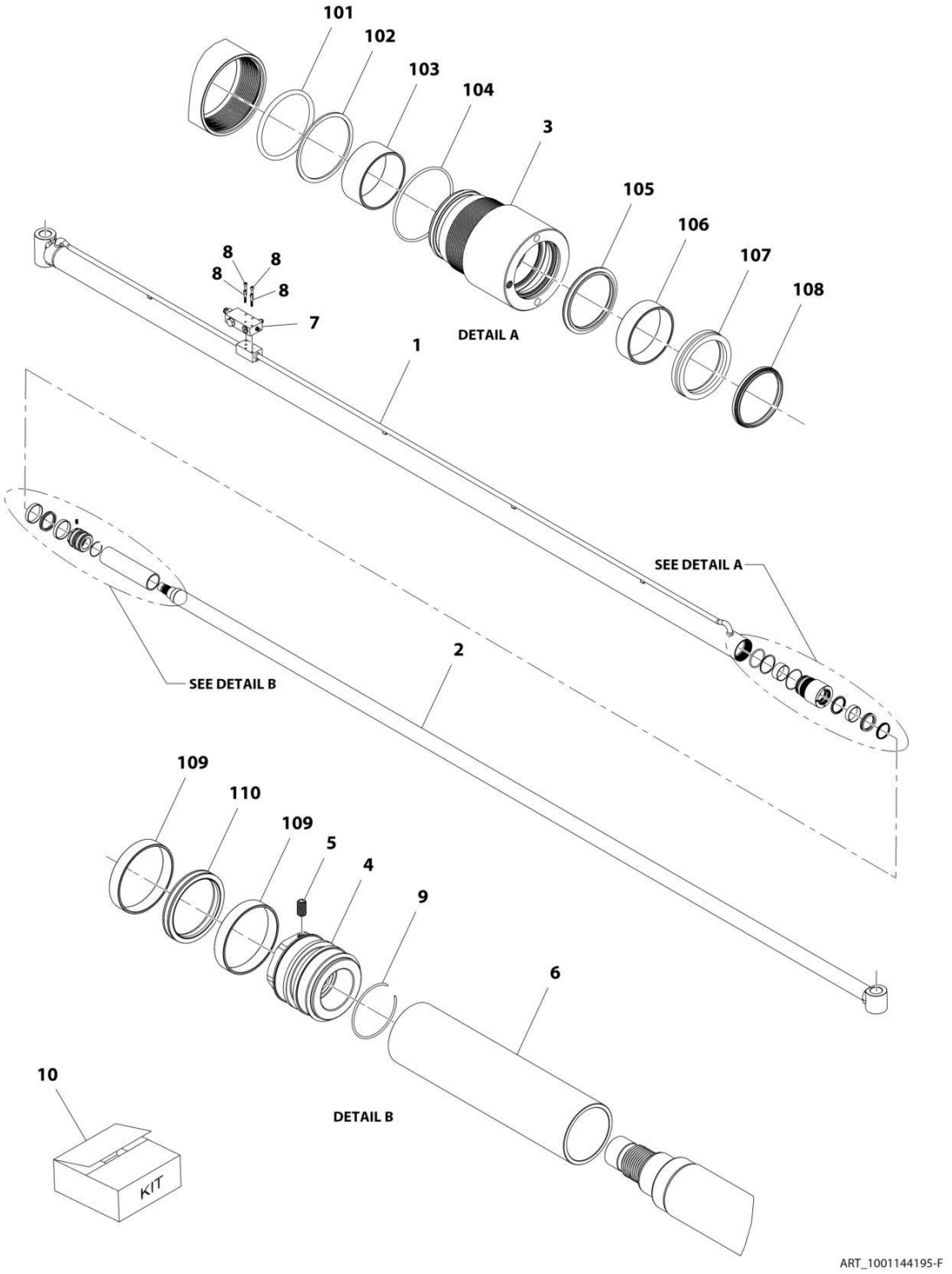


FIGURE 9-2. CYLINDER ASSEMBLY - EXTEND/RETRACT (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144195	Ref	Extend/Retract Cylinder	F
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
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 9-3. CYLINDER ASSEMBLY - EXTEND/RETRACT (4017RS)

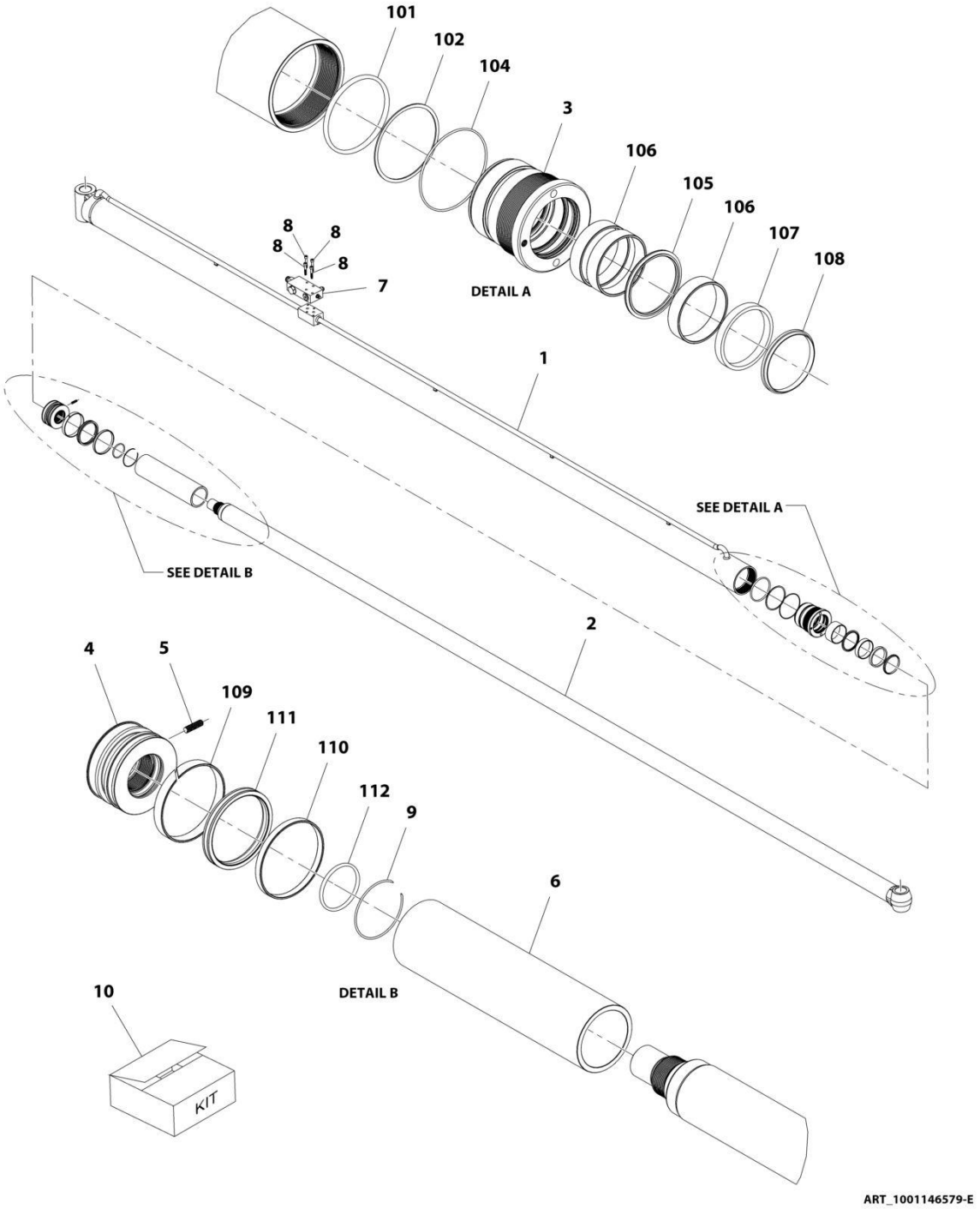


FIGURE 9-3. CYLINDER ASSEMBLY - EXTEND/RETRACT (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146579	Ref	Extend/Retract Cylinder - 4017RS	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
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	
104	Kit	1	O-Ring	
105	Kit	1	Seal, Rod	
106	Kit	3	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 9-4. CYLINDER ASSEMBLY - FRAME LEVEL

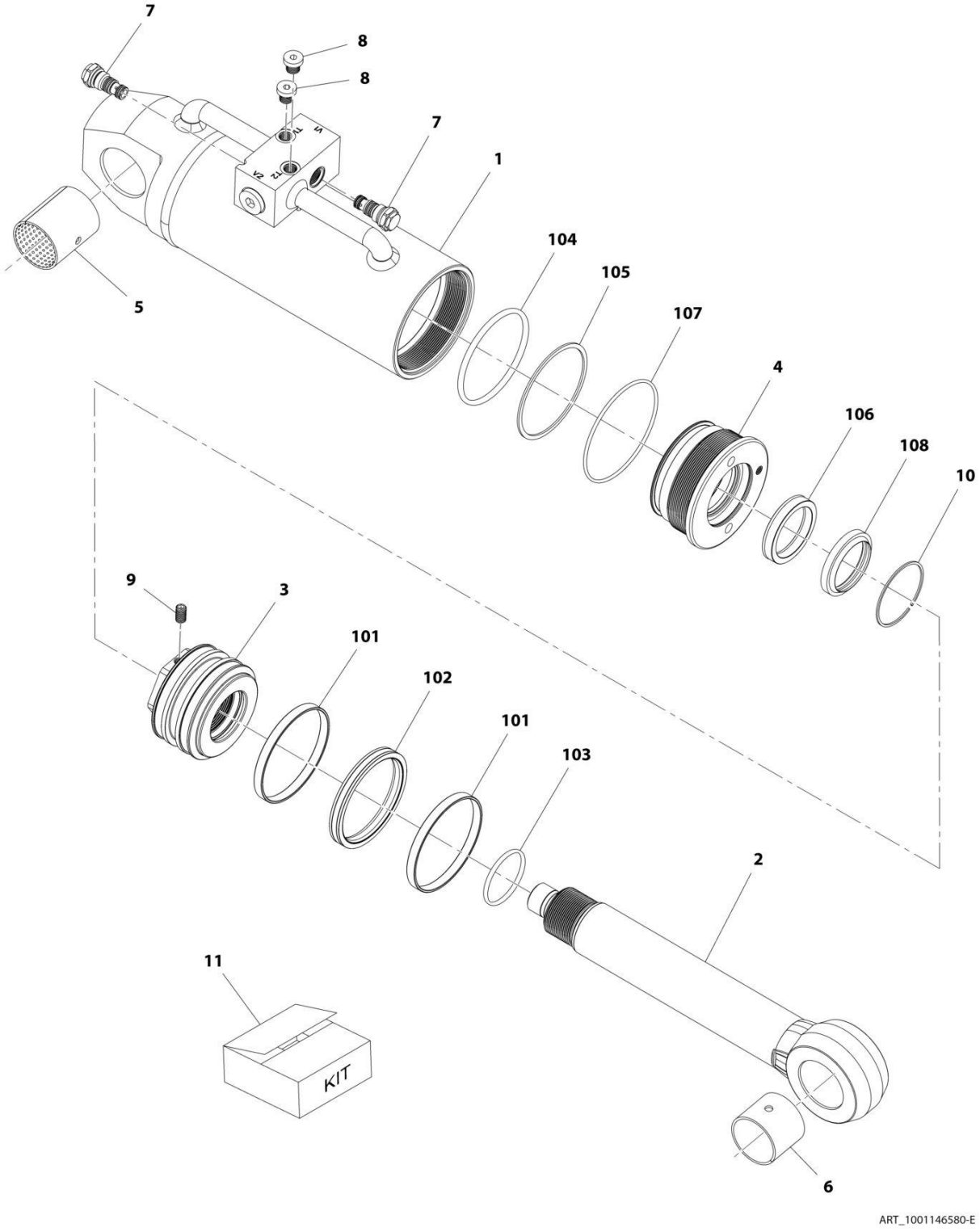


FIGURE 9-4. CYLINDER ASSEMBLY - FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146580	Ref	Frame Level Cylinder	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
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 9-5. CYLINDER ASSEMBLY - LIFT (3614RS)

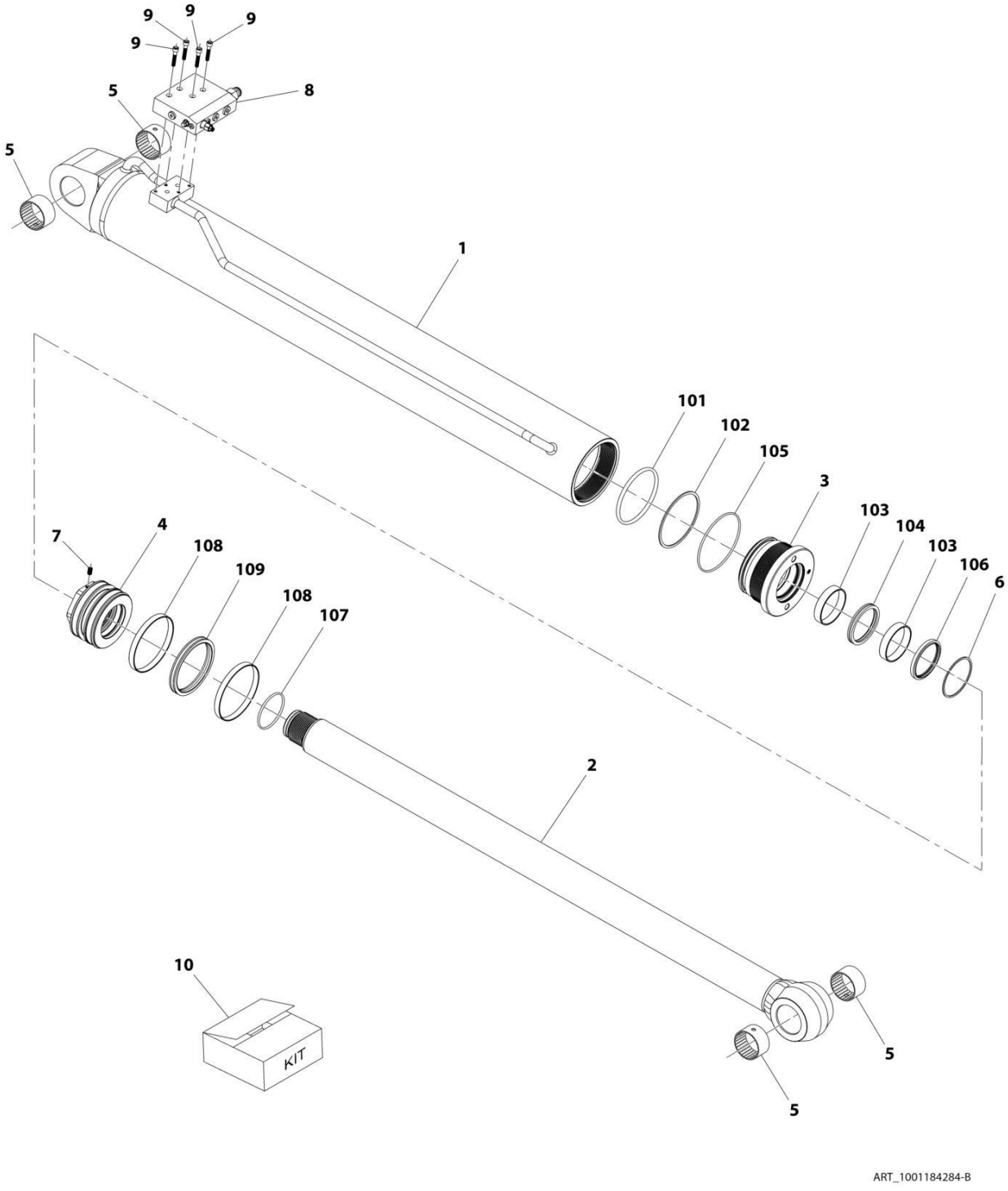


FIGURE 9-5. CYLINDER ASSEMBLY - LIFT (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184284	Ref	Lift Cylinder	B
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
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 9-6. CYLINDER ASSEMBLY - LIFT (4017RS)

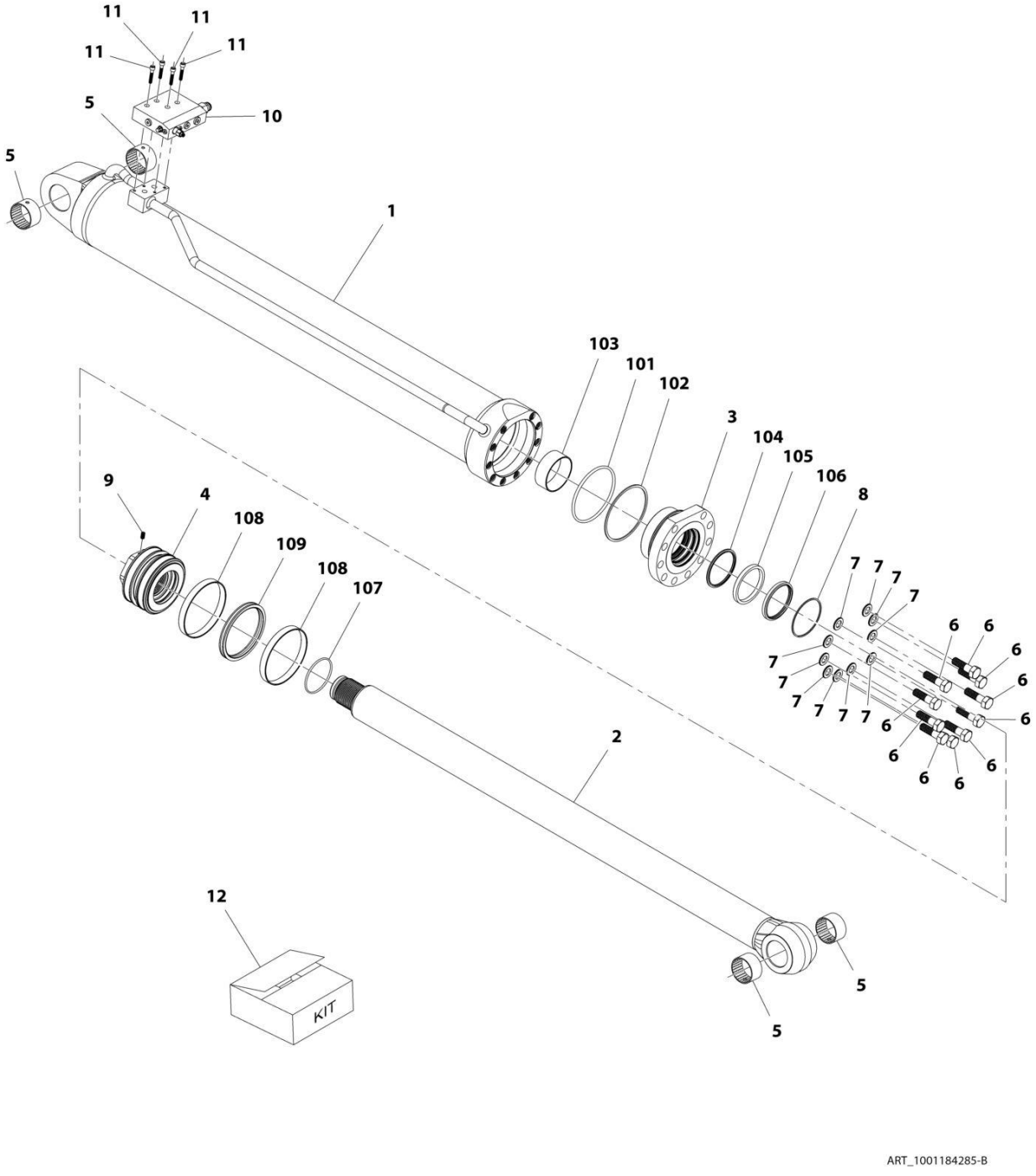


FIGURE 9-6. CYLINDER ASSEMBLY - LIFT (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184285	Ref	Lift Cylinder	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
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 9-7. CYLINDER ASSEMBLY - OUTRIGGER

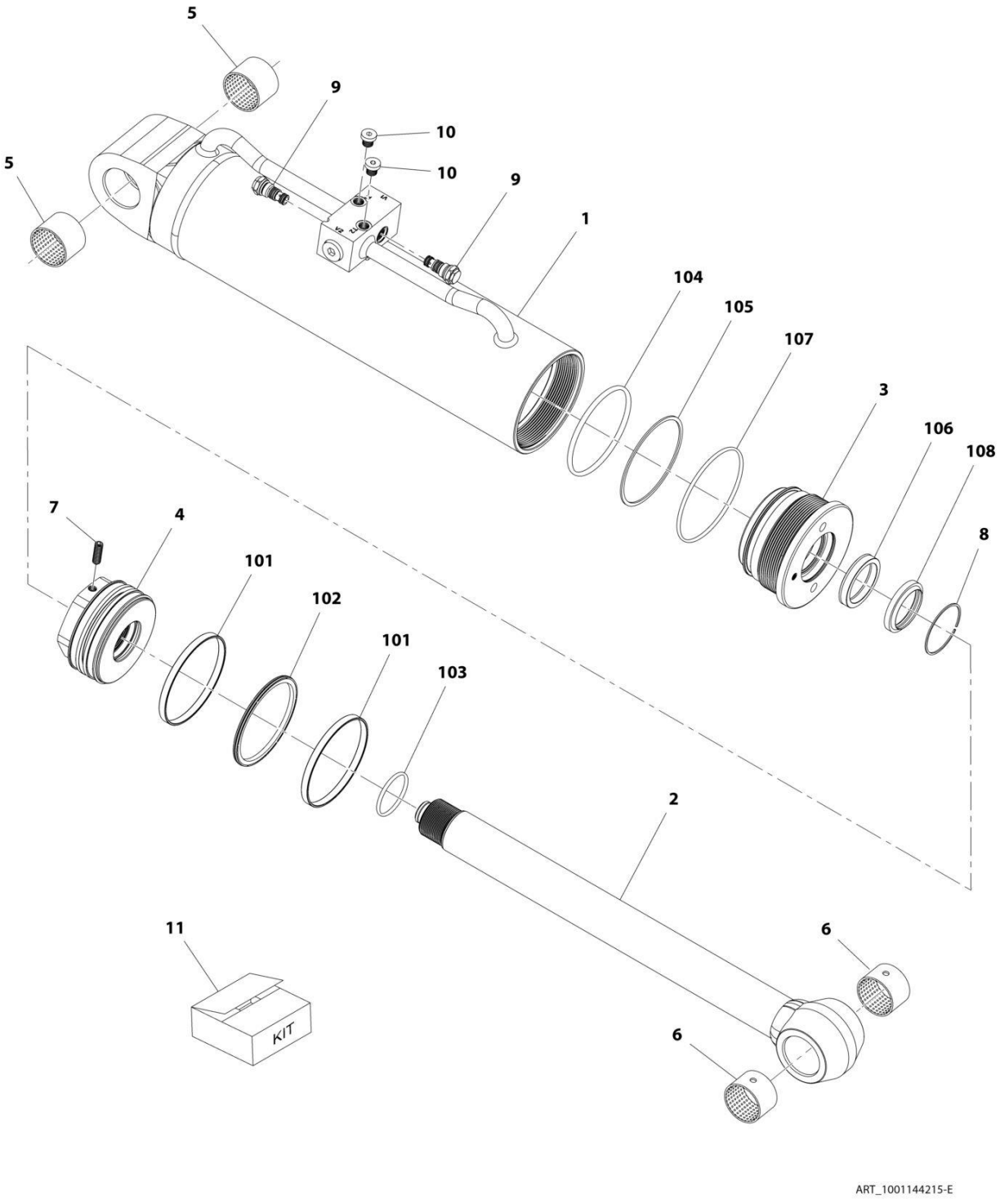


FIGURE 9-7. CYLINDER ASSEMBLY - OUTRIGGER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144215	Ref	Outrigger Cylinder	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
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 9-8. CYLINDER ASSEMBLY - TILT

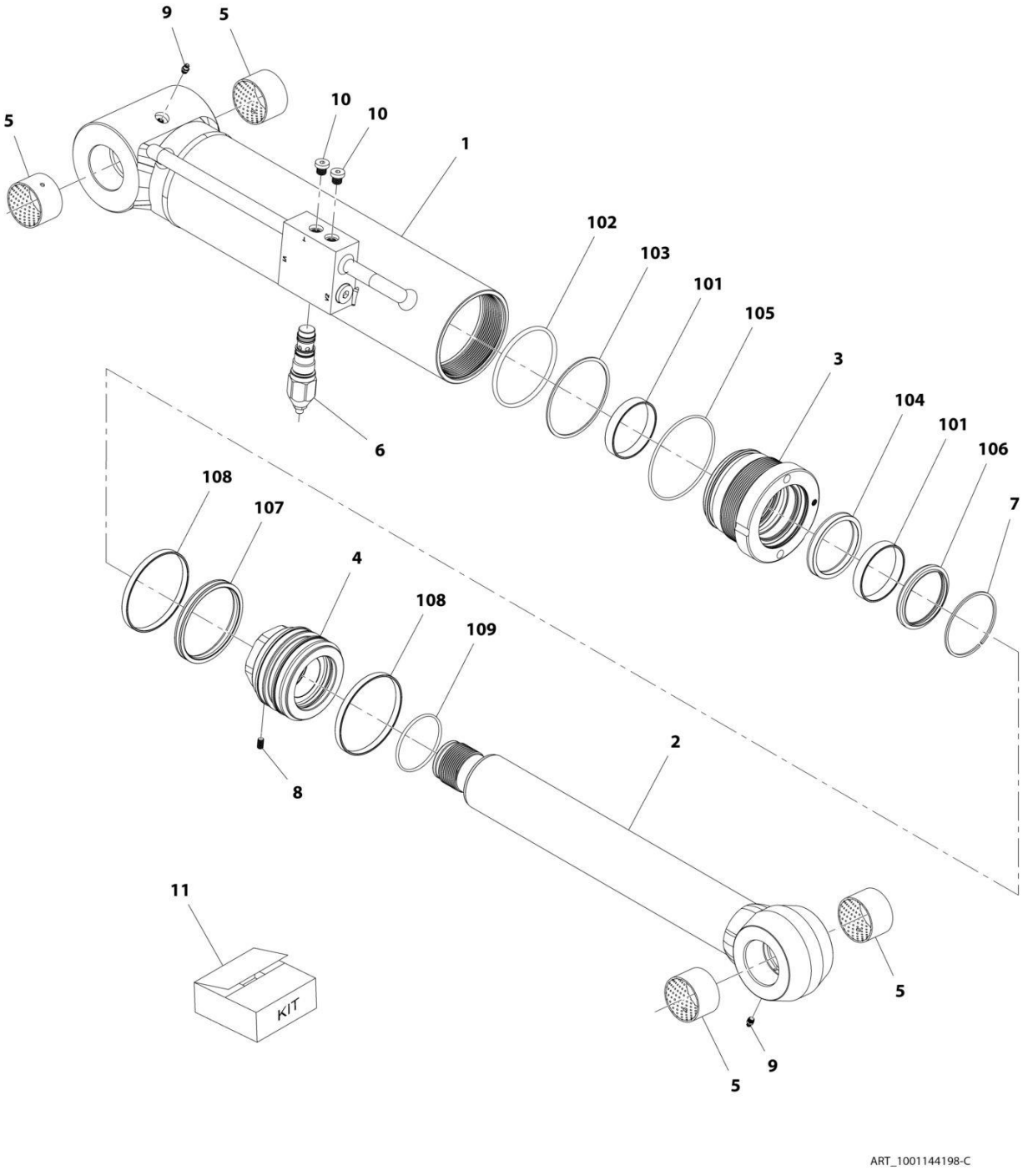


FIGURE 9-8. CYLINDER ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001144198	Ref	Tilt Cylinder	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
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 9-9. CYLINDER ASSEMBLY - TILT

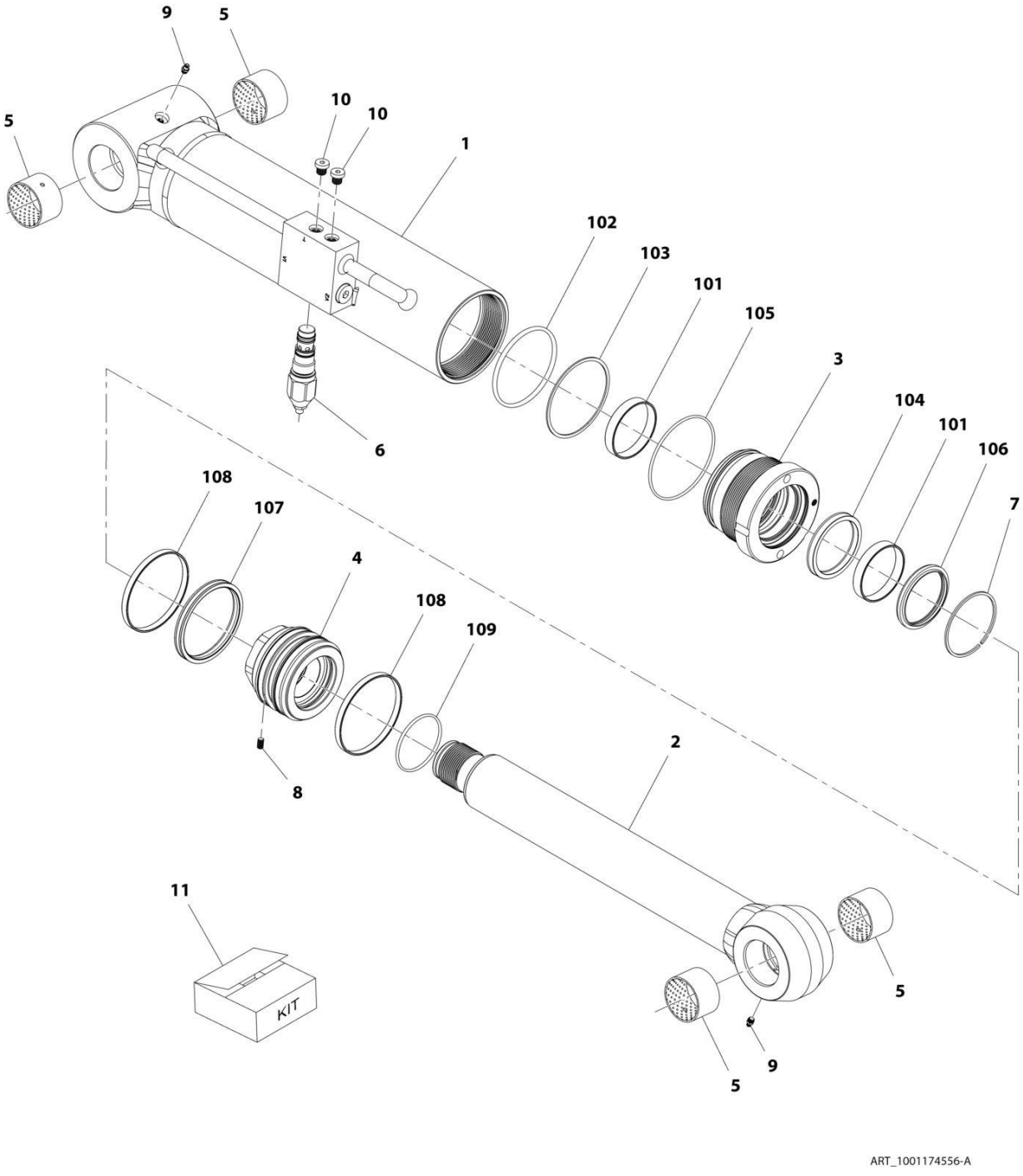
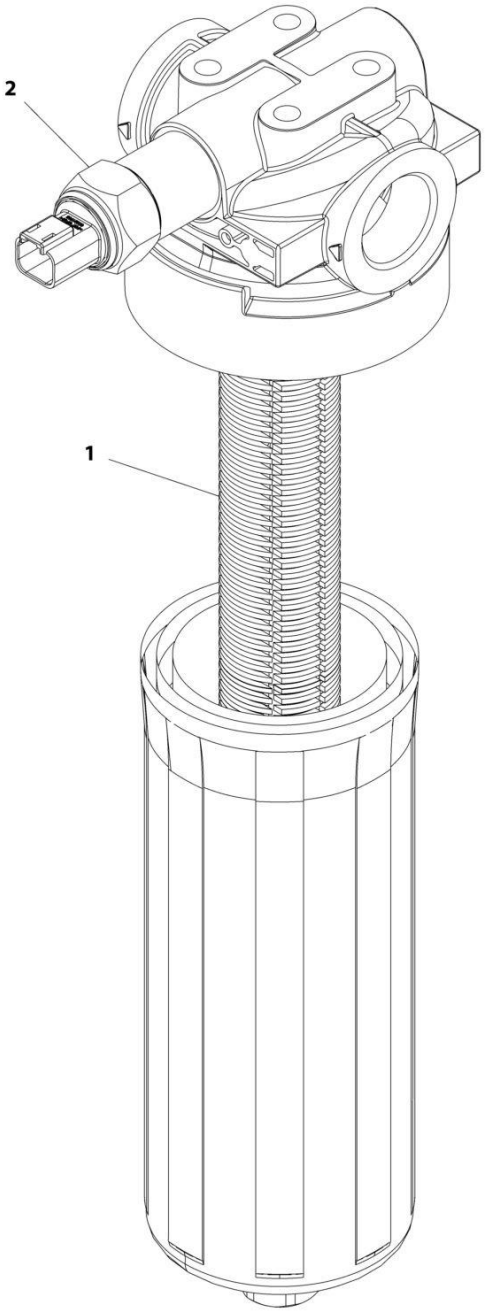


FIGURE 9-9. CYLINDER ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174556	Ref	Tilt Cylinder	A
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
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 9-10. FILTER ASSEMBLY - HYDRAULIC OIL



ART_1001175757-A

FIGURE 9-10. FILTER ASSEMBLY - HYDRAULIC OIL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175757	Ref	Hydraulic Oil Filter	A
1	70025811	1	Element, Filter	
2	70025863	1	Indicator, Clogging	

FIGURE 9-11. PUMP ASSEMBLY - GEAR PUMP

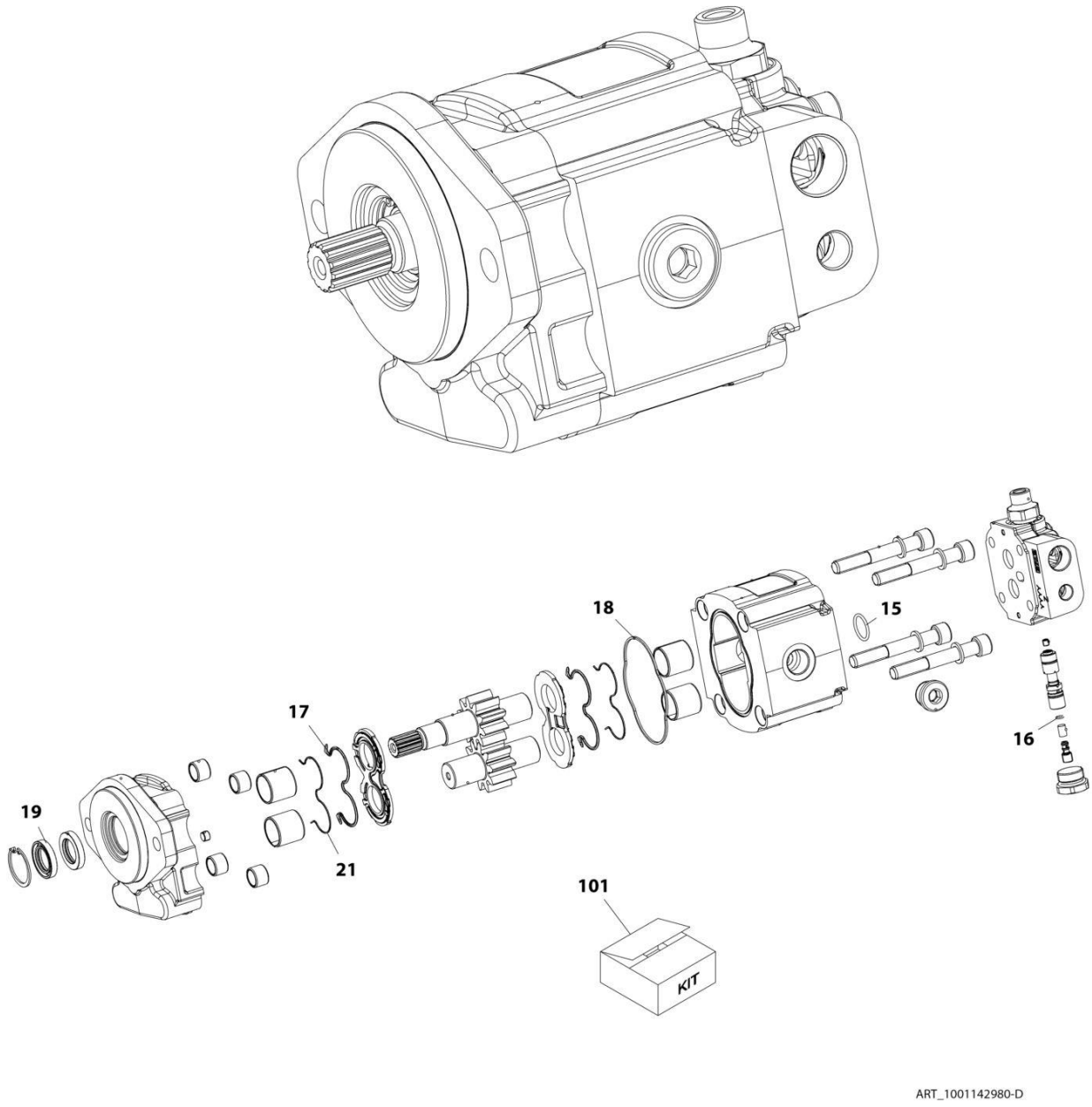


FIGURE 9-11. PUMP ASSEMBLY - GEAR PUMP

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 9-12. TANK ASSEMBLY _ HYDRAULIC

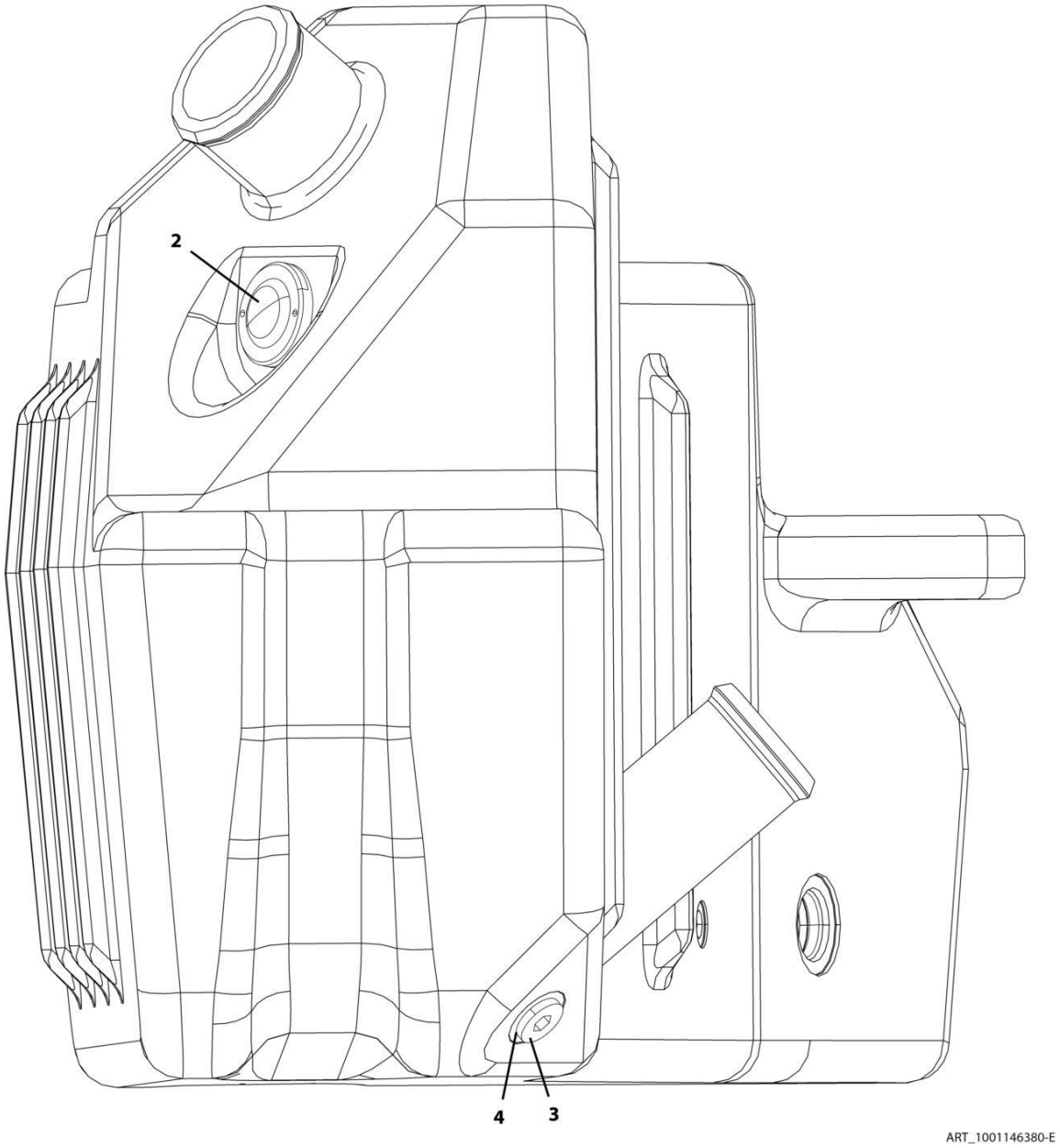
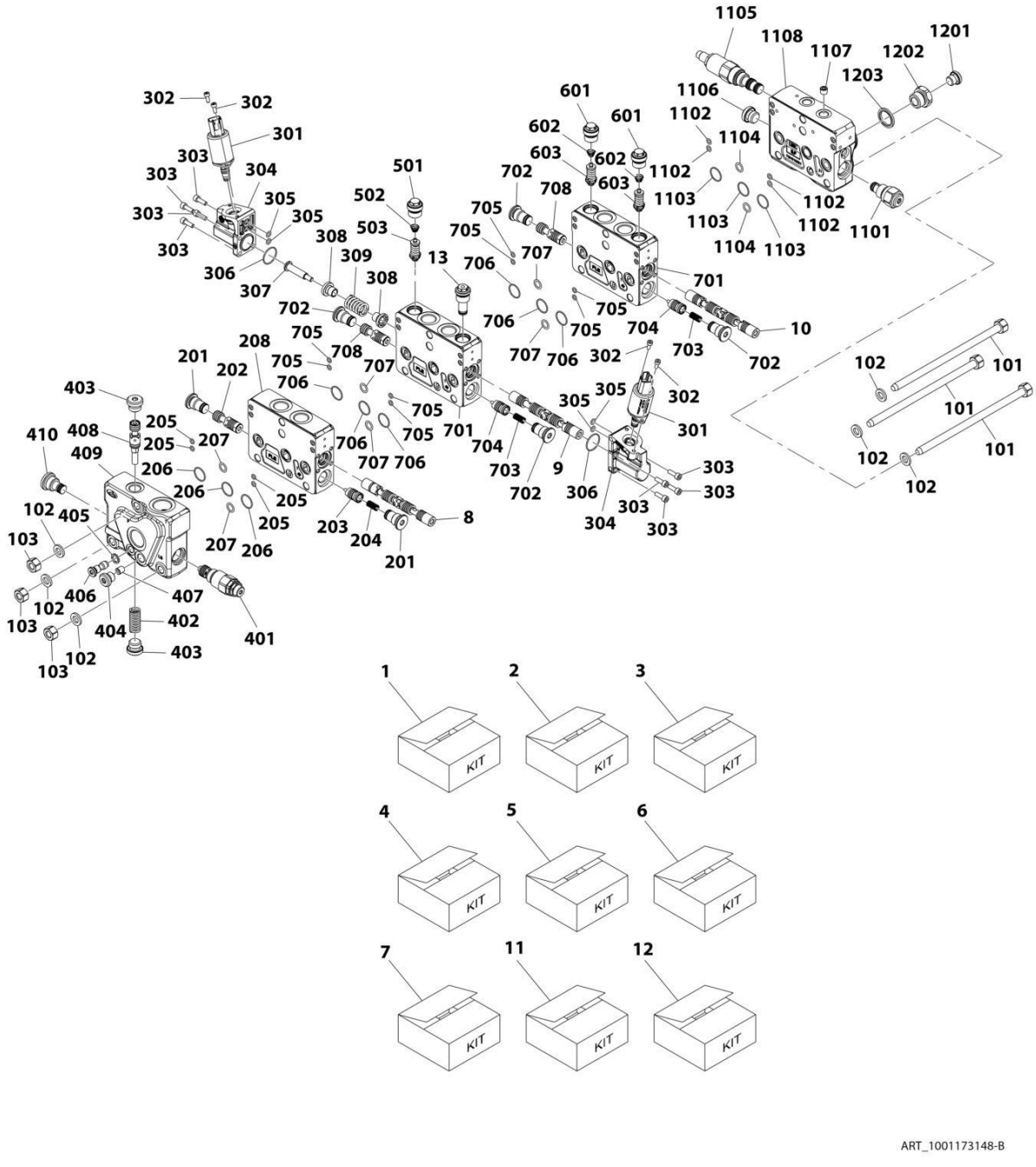


FIGURE 9-12. TANK ASSEMBLY _ HYDRAULIC

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 9-13. VALVE ASSEMBLY - MAIN CONTROL (NO AUXILIARY HYDRAULICS)



ART_1001173148-B

FIGURE 9-13. VALVE ASSEMBLY - MAIN CONTROL (NO AUXILIARY HYDRAULICS)

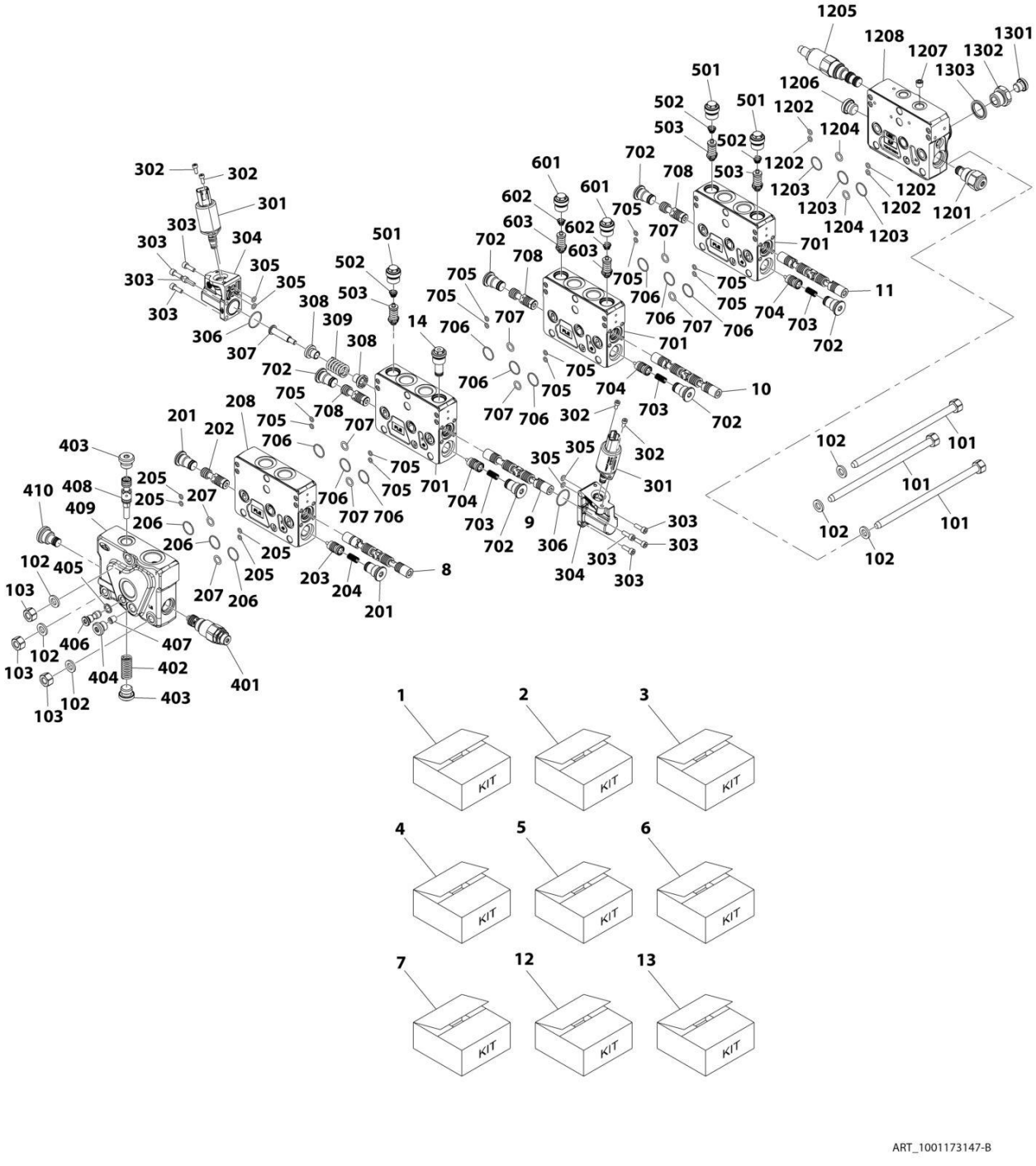
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173148	Ref	Main Control Valve (no auxiliary hydraulics)	B
1	70025825	1	Tie Rod Kit (includes items 101 thru 103)	
2	70025826	1	Section Kit without Port Relief Cavity (includes items 201 thru 208	
3	70025827	3	Electro-Hydraulic Kit (includes items 301 thru 309)	
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	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-14. VALVE ASSEMBLY - MAIN CONTROL (AUXILIARY HYDRAULICS)



ART_1001173147-B

FIGURE 9-14. VALVE ASSEMBLY - MAIN CONTROL (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. VALVE ASSEMBLY - OUTRIGGER

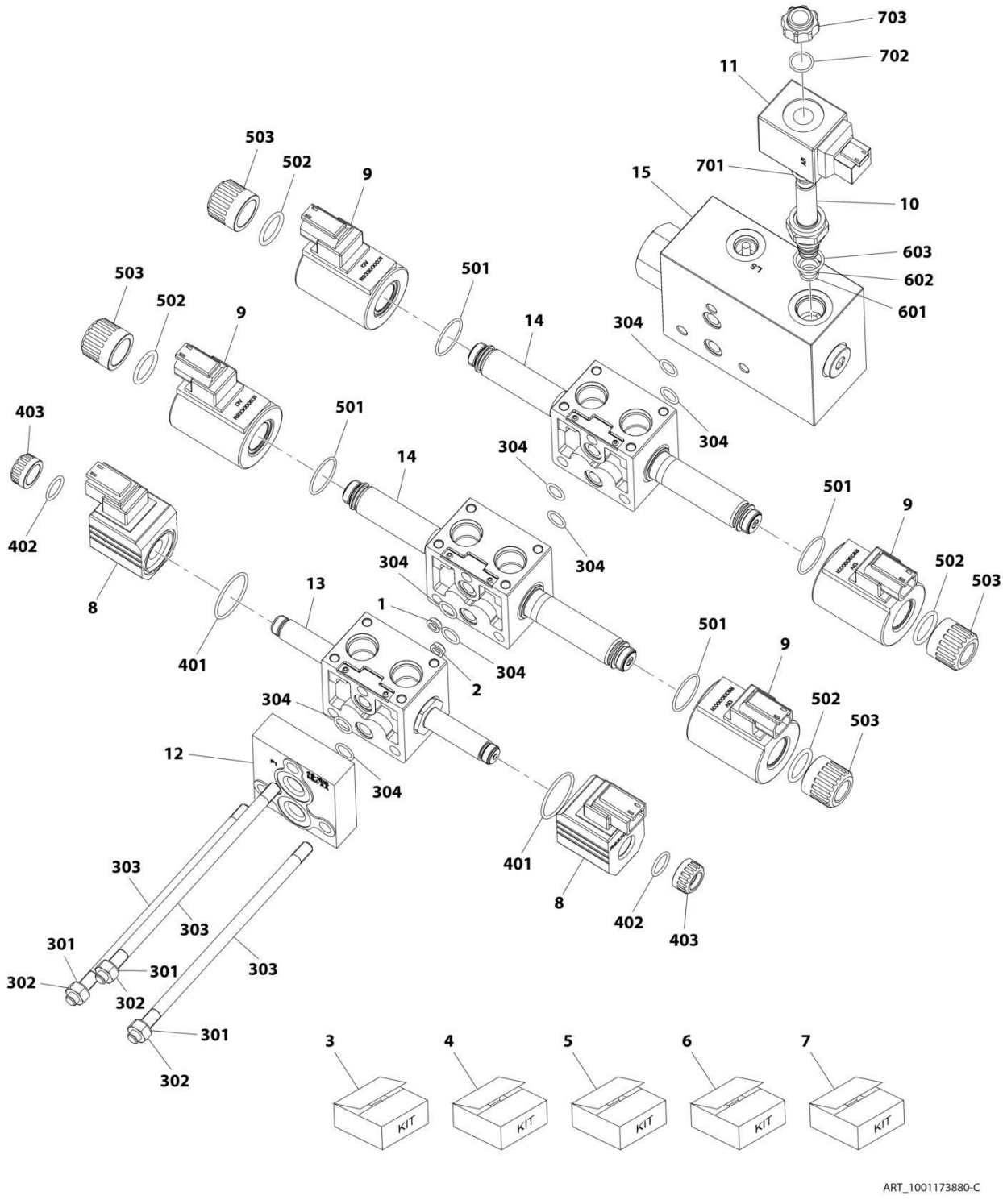
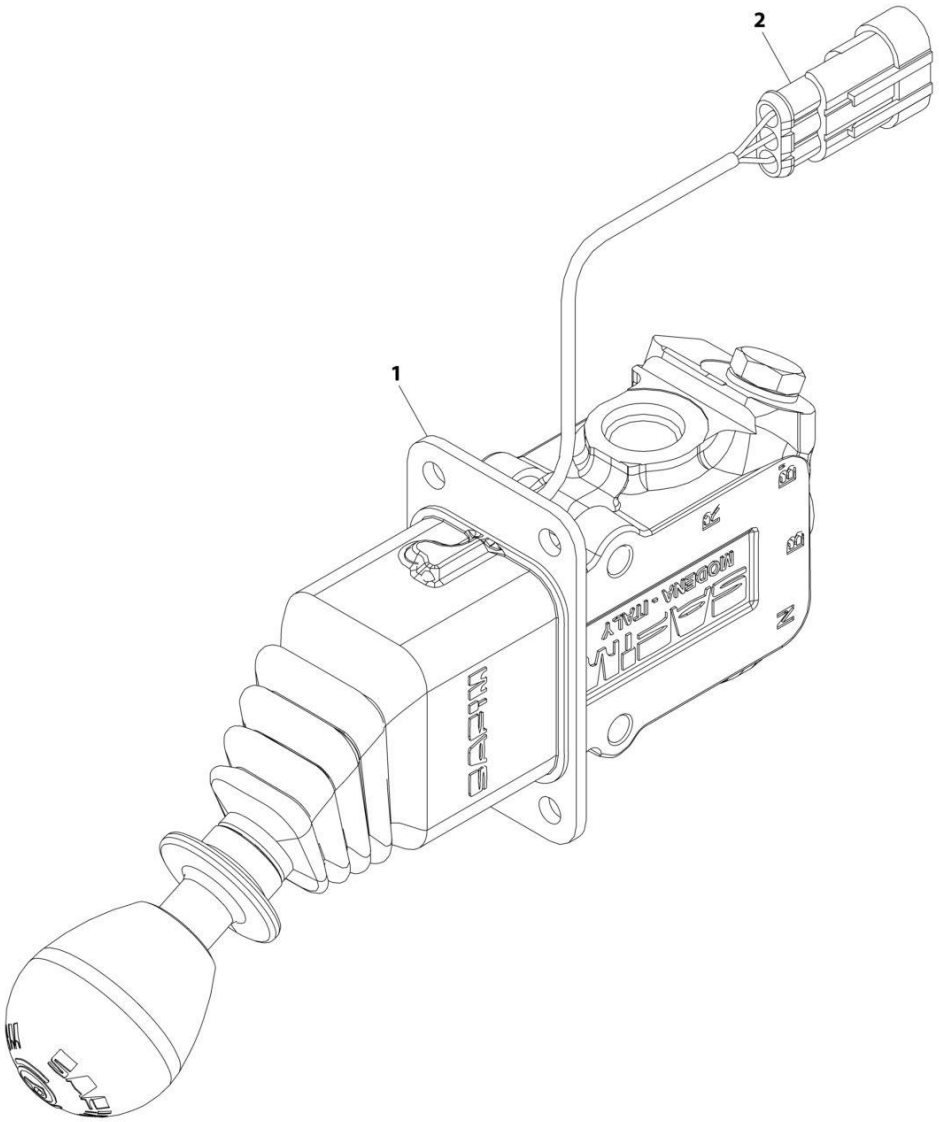


FIGURE 9-15. VALVE ASSEMBLY - OUTRIGGER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173880	Ref	Outrigger Valve	C
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	

FIGURE 9-16. VALVE ASSEMBLY - PARK BRAKE RELEASE (4017RS)

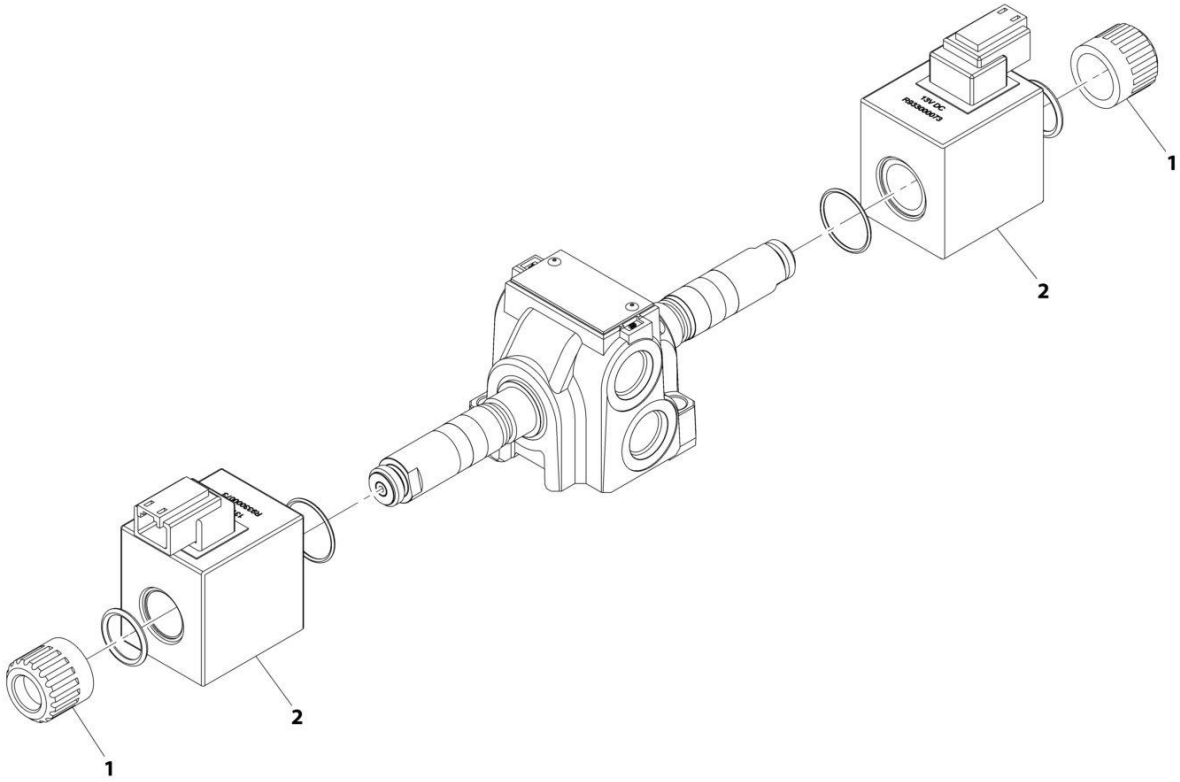


ART_1001098153-D

FIGURE 9-16. VALVE ASSEMBLY - PARK BRAKE RELEASE (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098153	Ref	Hydraulic Park Brake Release Valve	D
1	70020922	1	Kit, Seal	
2	70022847	1	Kit, Microswitch	

FIGURE 9-17. VALVE ASSEMBLY - STEERING SELECT



ART_1001153748-C

FIGURE 9-17. VALVE ASSEMBLY - STEERING SELECT

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

SECTION 10 - ELECTRICAL

FIGURE 10-1. ALARM INSTALLATION - BACK-UP (FOLDING LIGHTS)

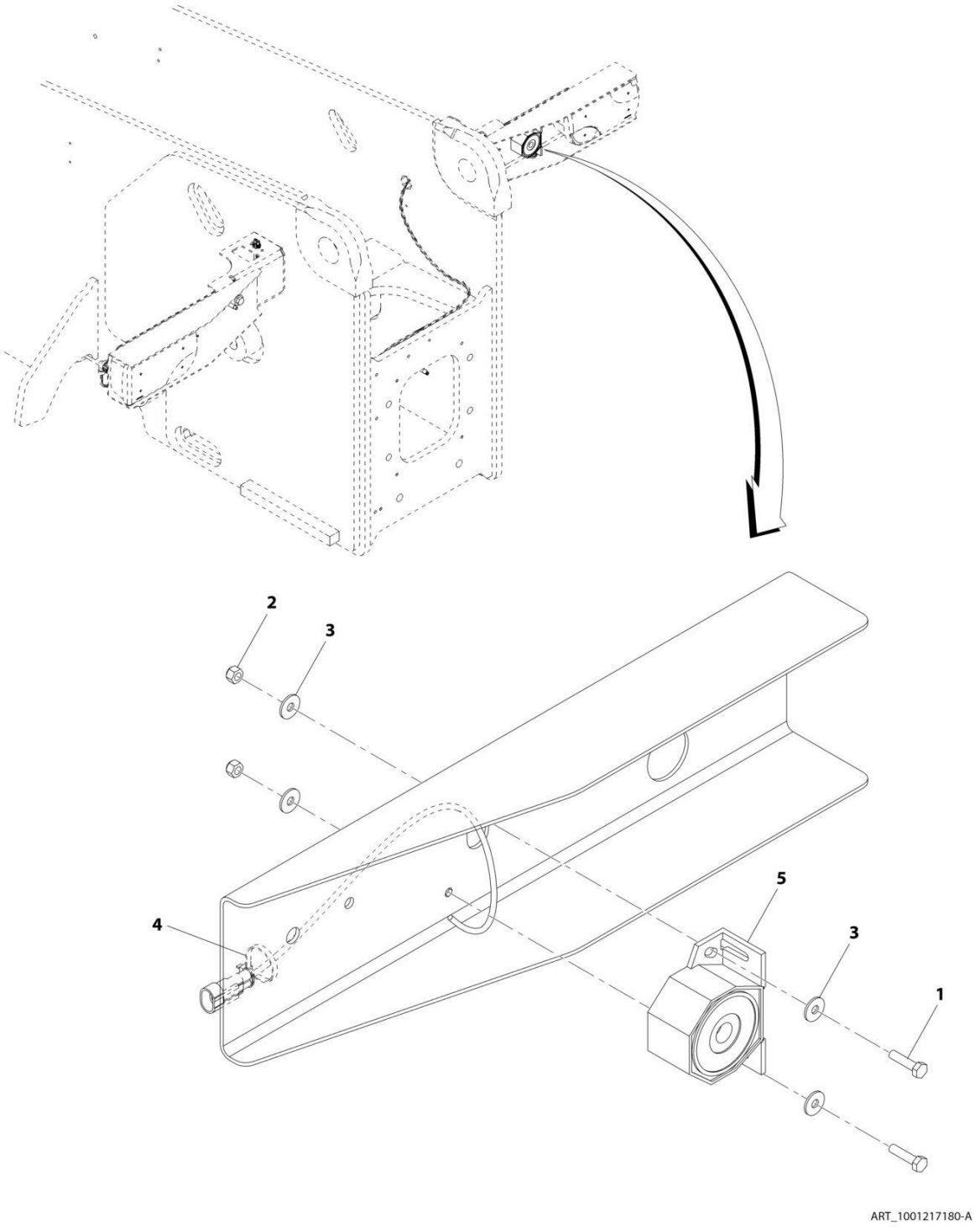


FIGURE 10-1. ALARM INSTALLATION - BACK-UP (FOLDING LIGHTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217180	Ref	Back-Up Alarm Installation (Folding Lights)	A
1	0760612	2	Bolt, M6X25	
2	3290605	2	Nut, Lock M6X1	
3	4811702	4	Washer, M6	
4	1001008559	1	Strap, Cable	
5	1001147060	1	Alarm, Reverse	

FIGURE 10-2. ALARM INSTALLATION - BACK-UP (FOLDING LIGHTS AND WHITE NOISE)

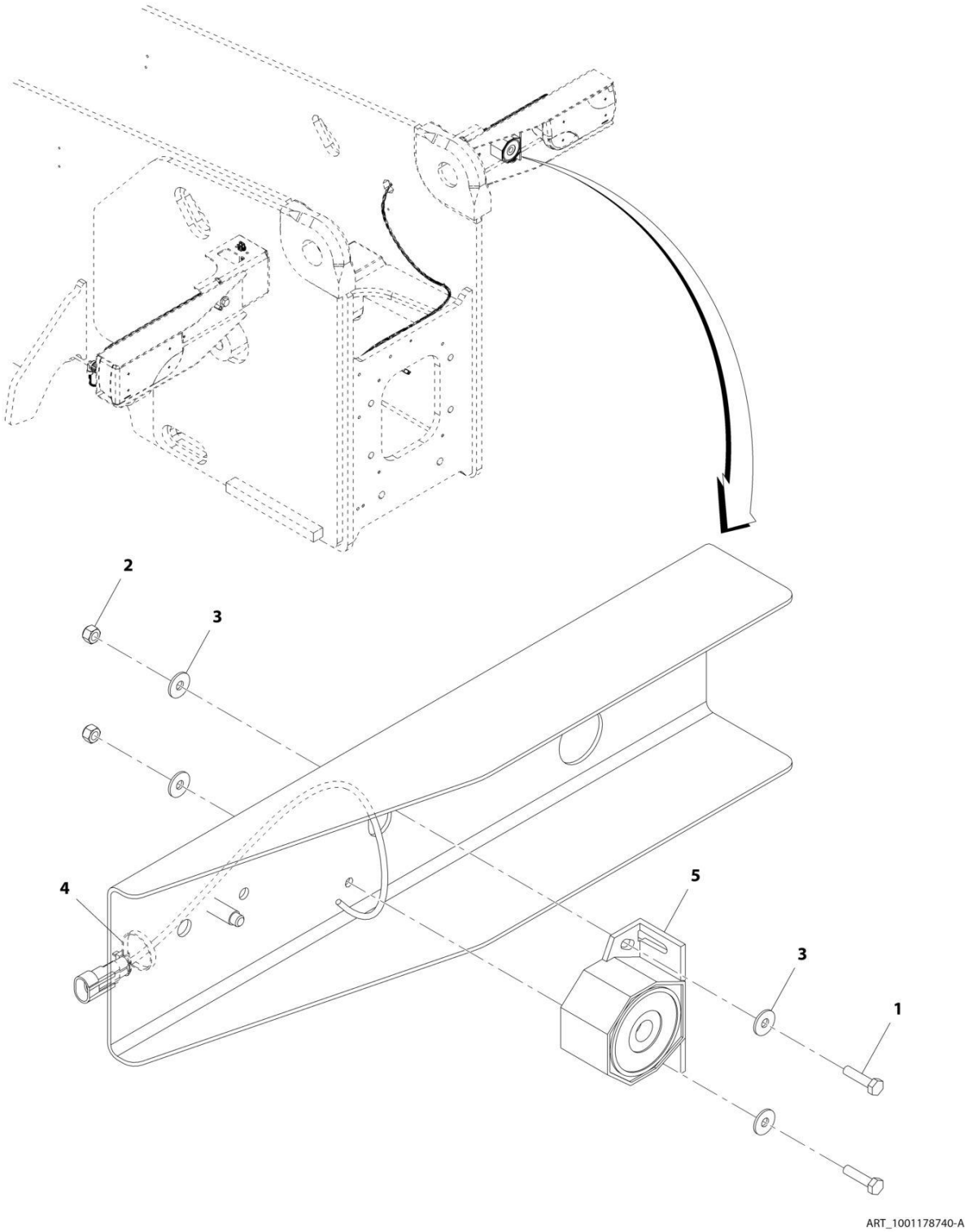


FIGURE 10-2. ALARM INSTALLATION - BACK-UP (FOLDING LIGHTS AND WHITE NOISE)

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 10-3. BATTERY INSTALLATION

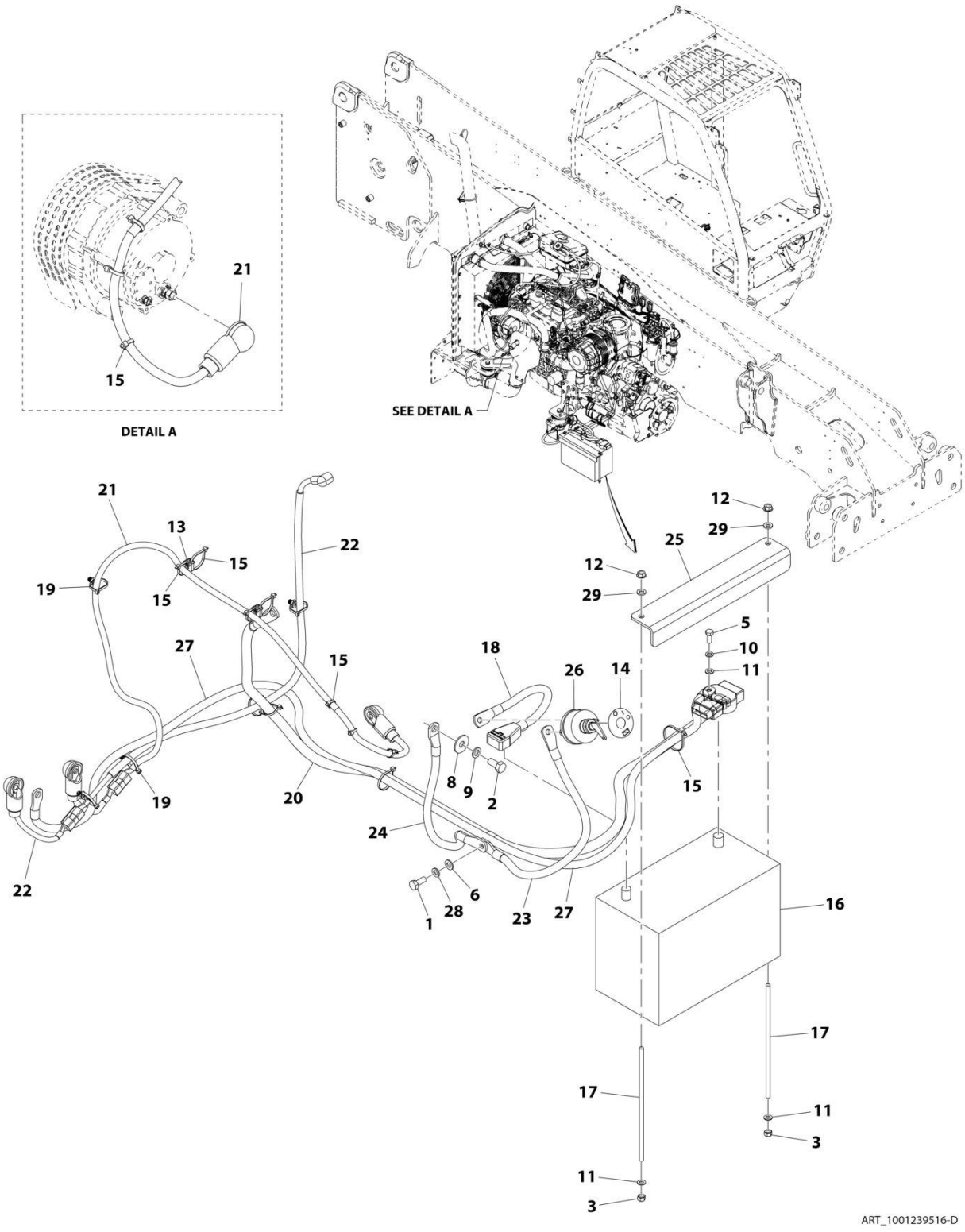


FIGURE 10-3. BATTERY INSTALLATION

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 10-4. BATTERY INSTALLATION - ARCTIC

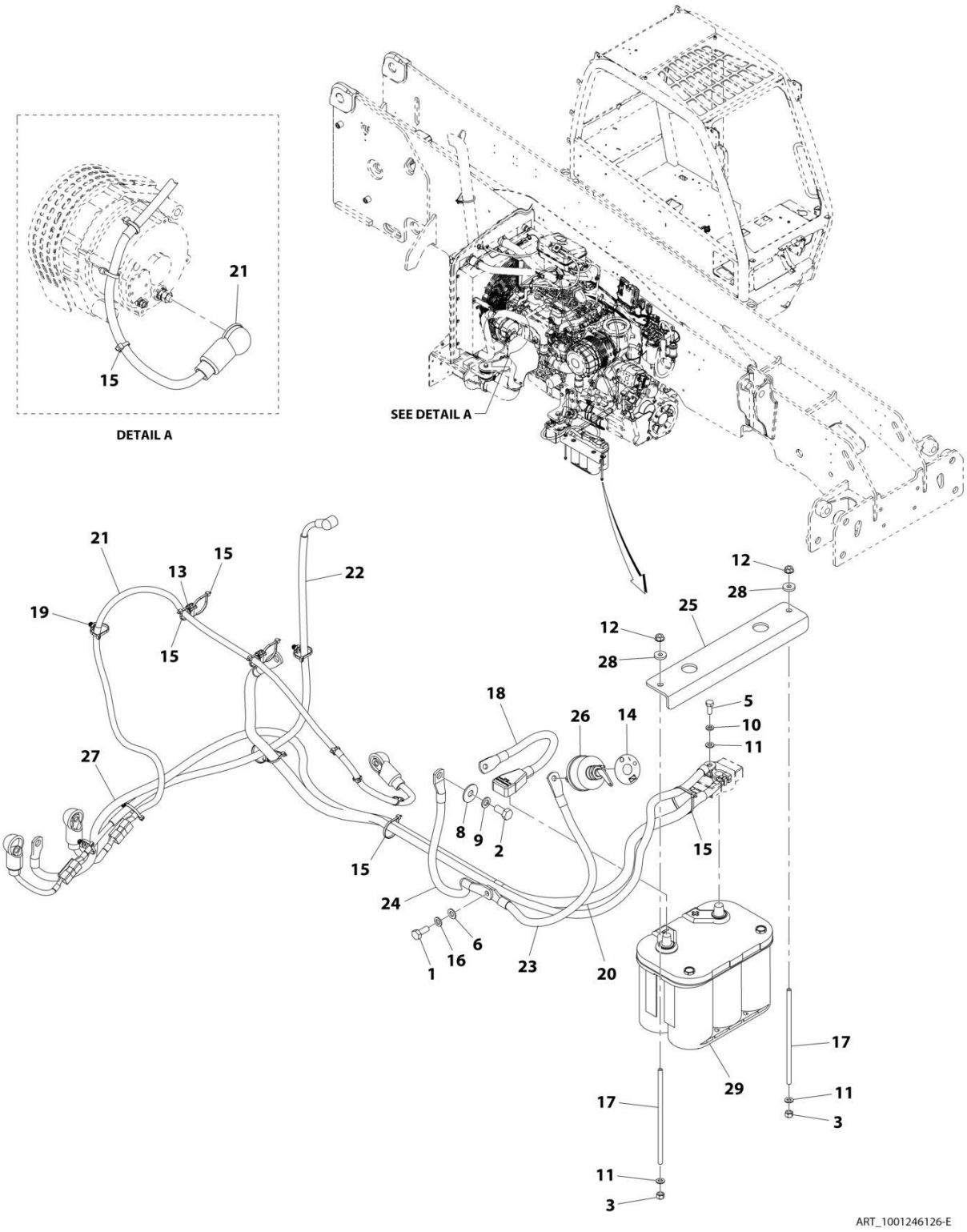


FIGURE 10-4. BATTERY INSTALLATION - ARCTIC

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 10-5. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) (3614RS)

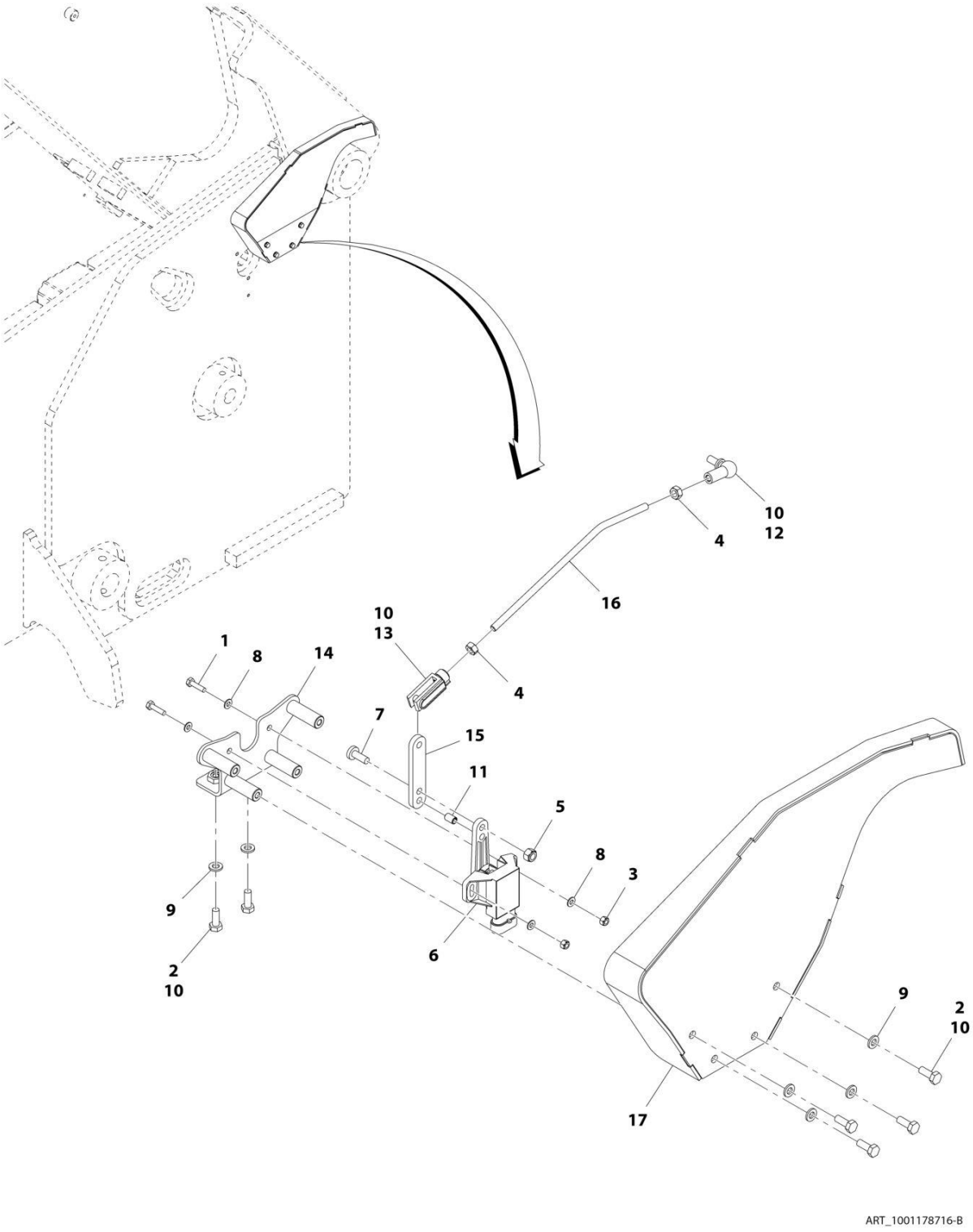


FIGURE 10-5. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178716	Ref	Boom Angle Sensor Installation, (with Folding Lights) (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 10-6. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) (4017RS)

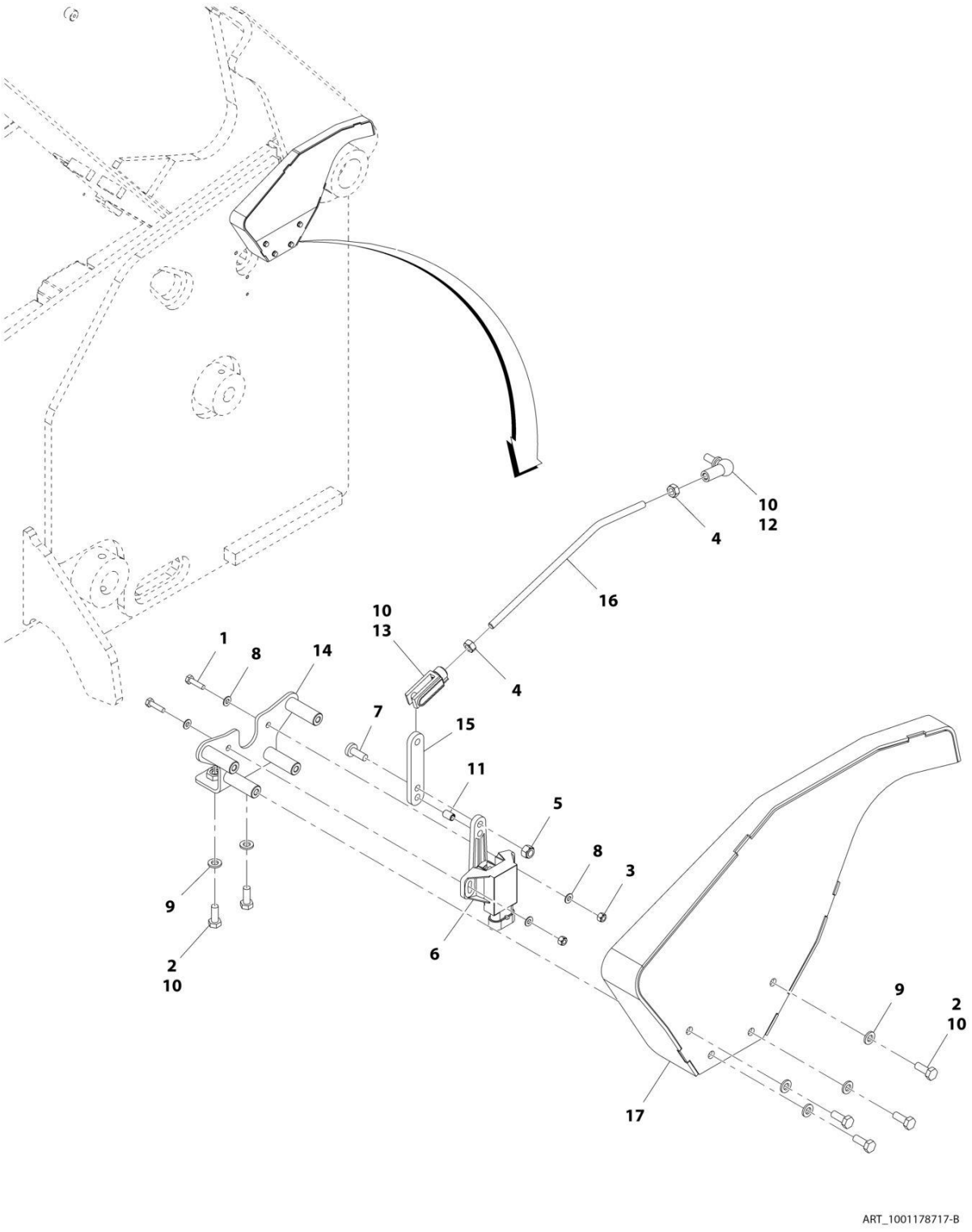


FIGURE 10-6. BOOM ANGLE SENSOR INSTALLATION, (WITH FOLDING LIGHTS) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178717	Ref	Boom Angle Sensor Installation, (with Folding Lights) (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 10-7. BOOM RETRACT SENSOR INSTALLATION (3614RS)

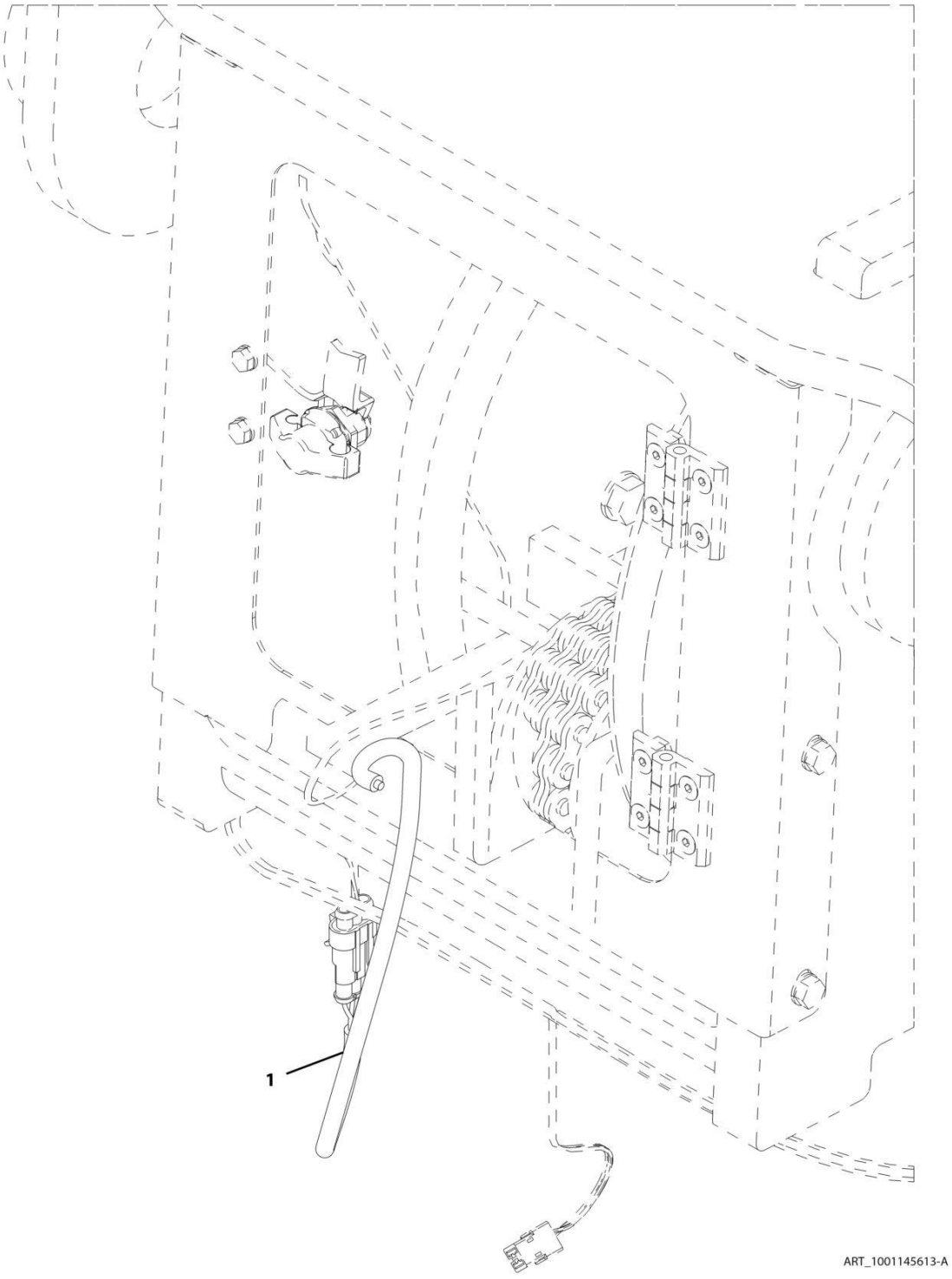


FIGURE 10-7. BOOM RETRACT SENSOR INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145613	Ref	Boom Retract Sensor Installation	A
1	4000017	1	Switch, Proximity	

FIGURE 10-8. BOOM RETRACT SENSOR INSTALLATION (4017RS)

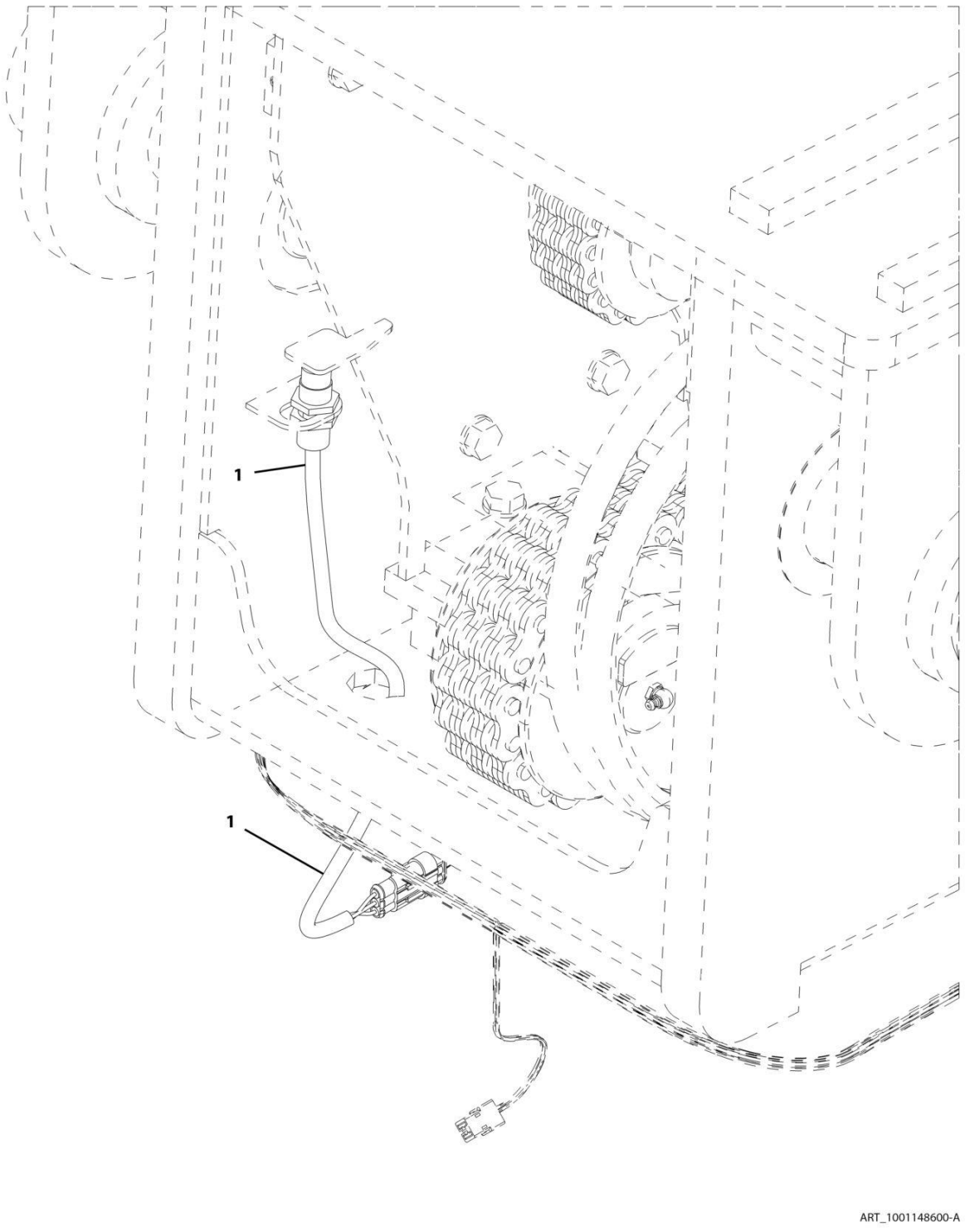


FIGURE 10-8. BOOM RETRACT SENSOR INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148600	Ref	Boom Retract Sensor Installation	A
1	4000017	1	Switch, Proximity	

FIGURE 10-9. CAB EARTH INSTALLATION

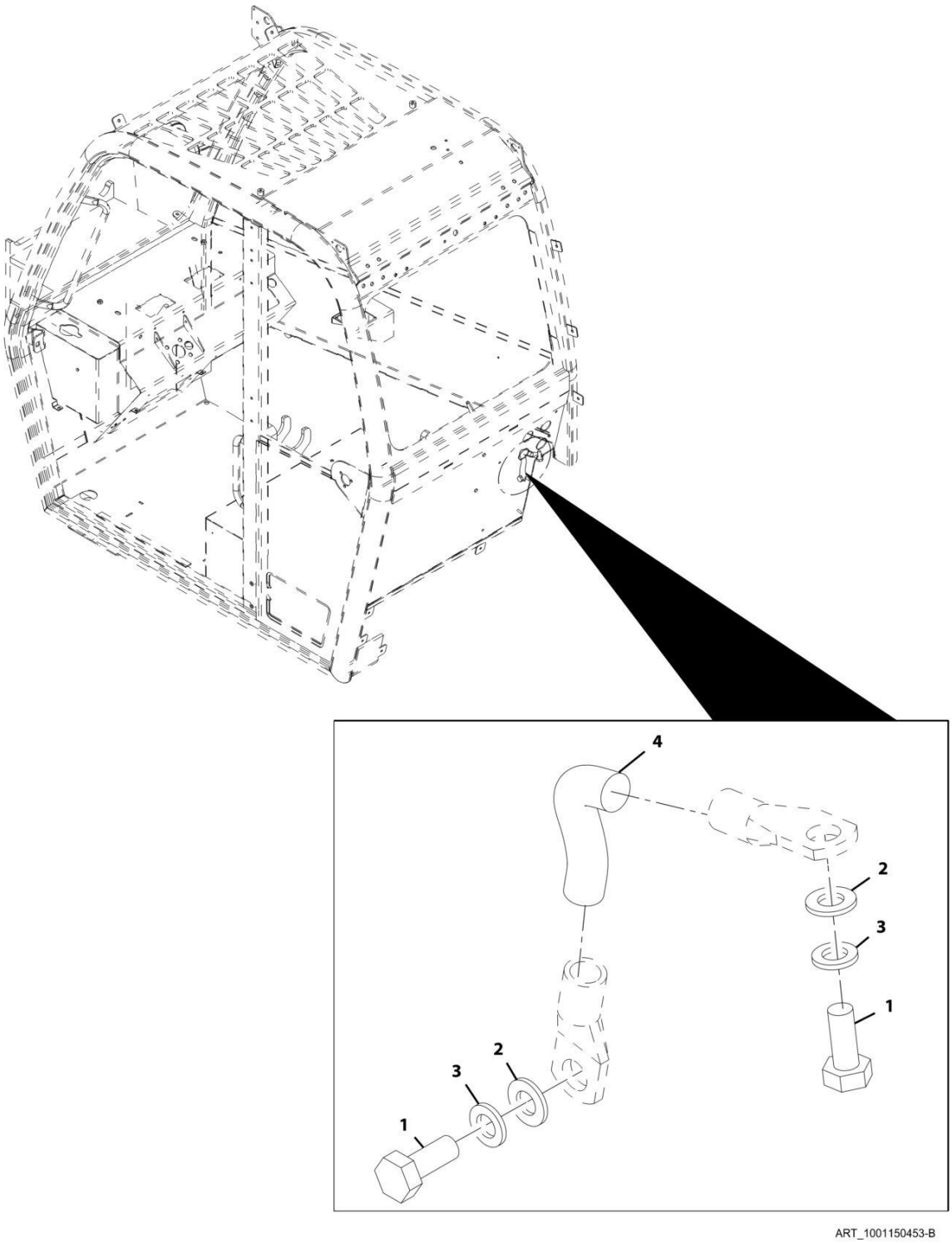


FIGURE 10-9. CAB EARTH INSTALLATION

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 10-10. CAB ELECTRICAL INSTALLATION

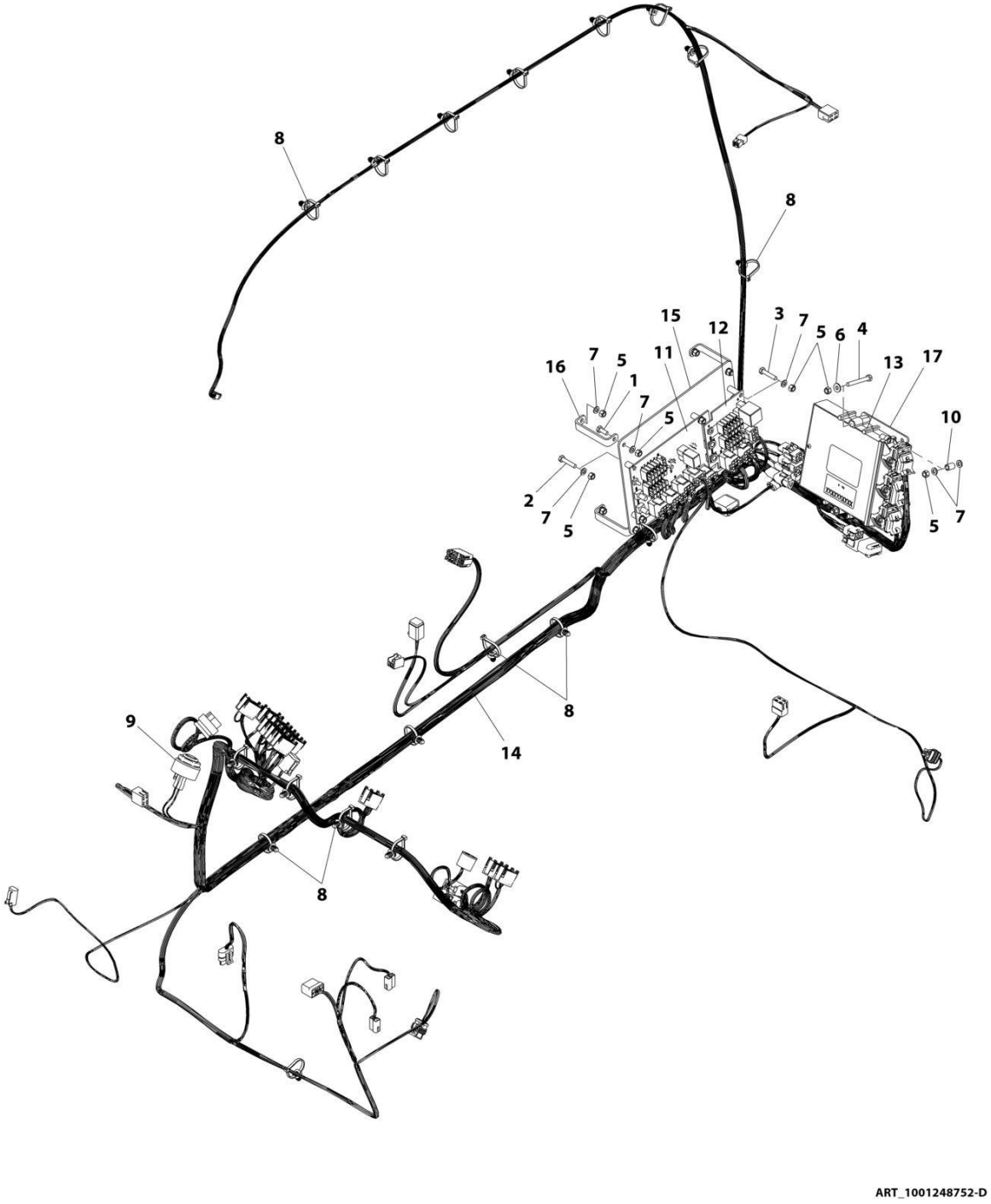


FIGURE 10-10. CAB ELECTRICAL INSTALLATION

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 10-11. CAB HARNESS (PVC 1911)

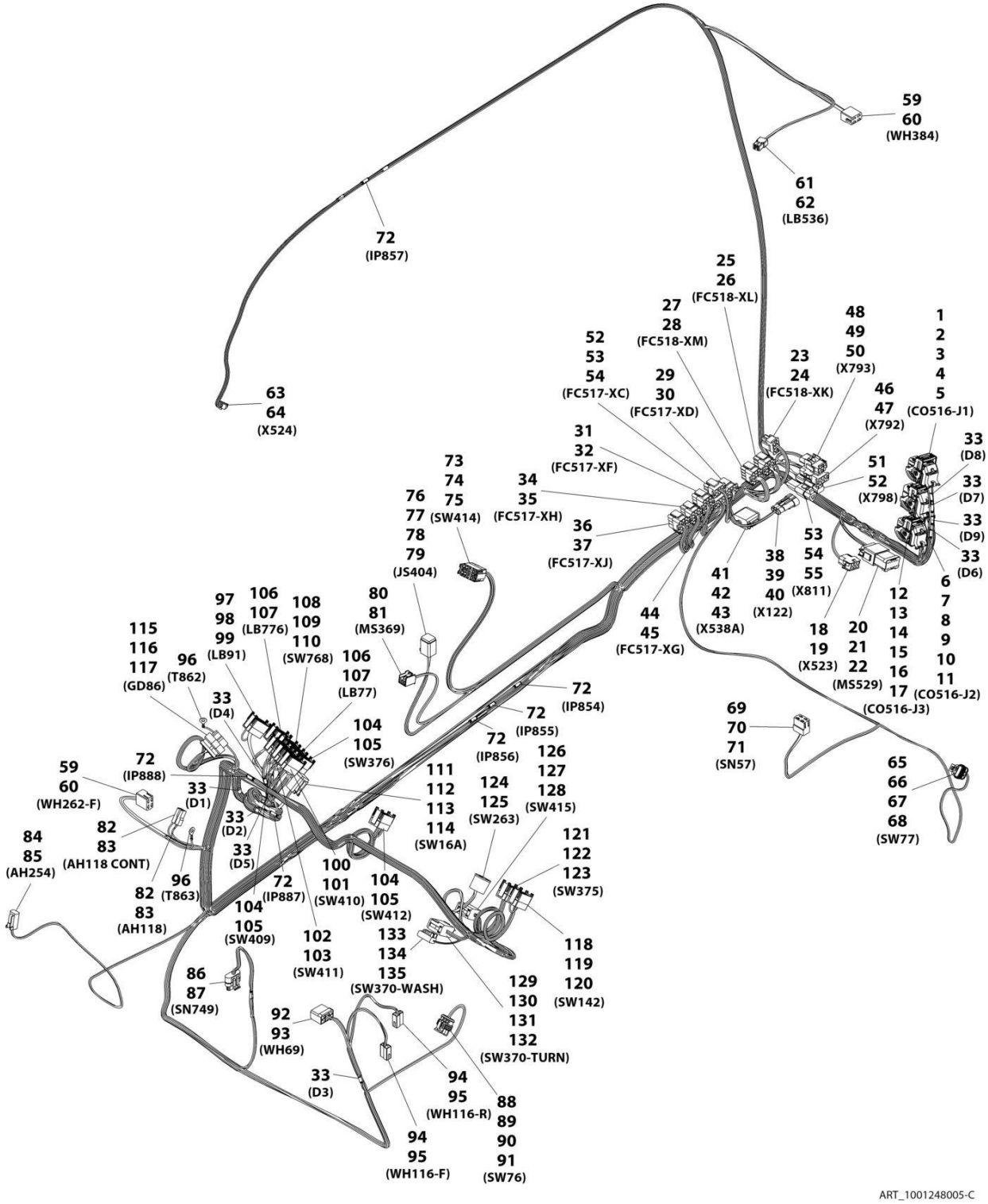


FIGURE 10-11. CAB HARNESS (PVC 1911)

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	
49	4460326	1	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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	
100	1001145234	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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 10-12. CAB HARNESS (PVC 2005)

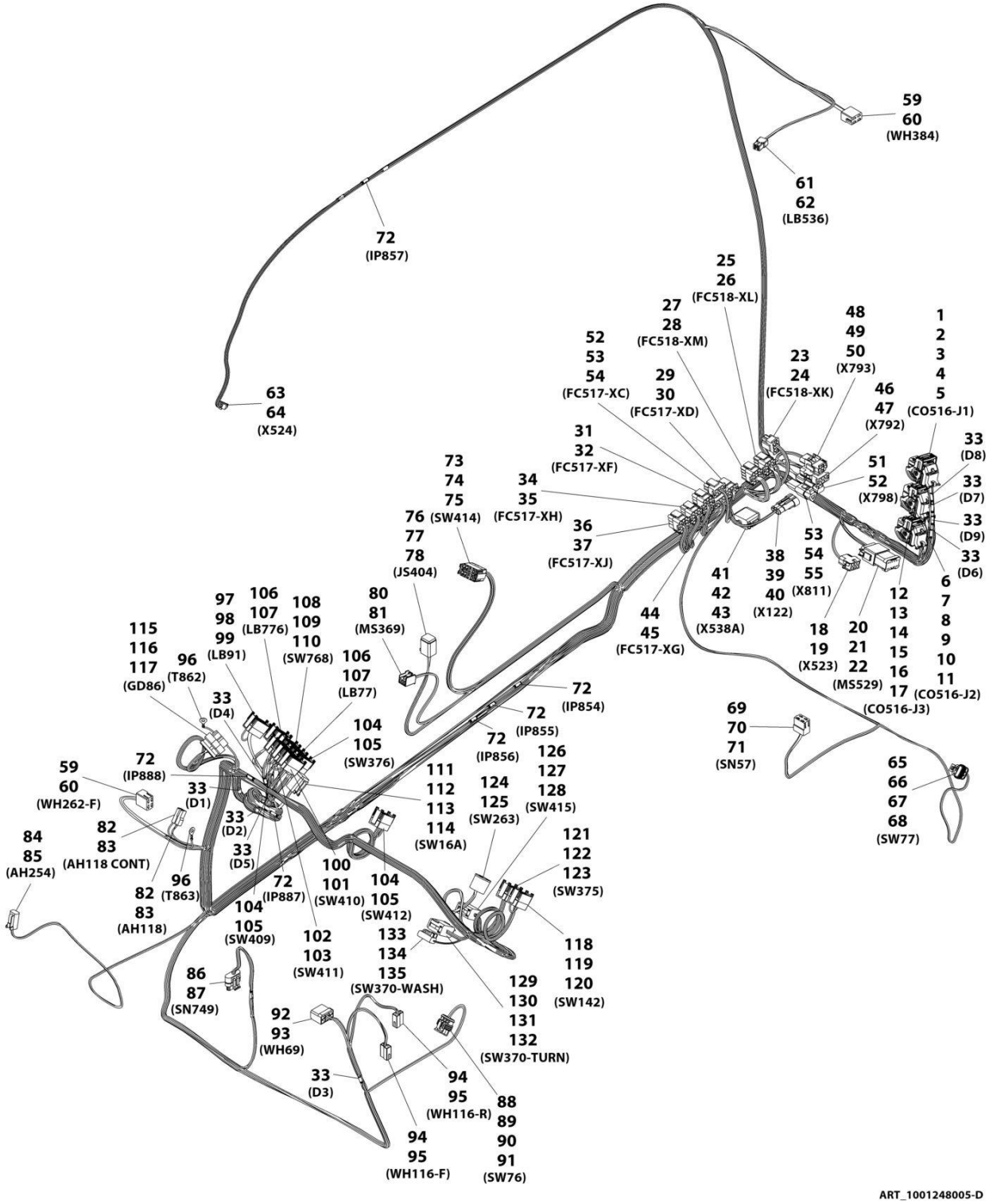


FIGURE 10-12. CAB HARNESS (PVC 2005)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248005	Ref	Cab Harness	D
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	
49	4460326	1	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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	4461217	1	Connector	
77	1001126010	4	Terminal	
78	4460518	2	Seal	
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	
100	1001145234	1	Connector	
101	1001104519	10	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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 10-13. CAB - DASH ELECTRICAL INSTALLATION

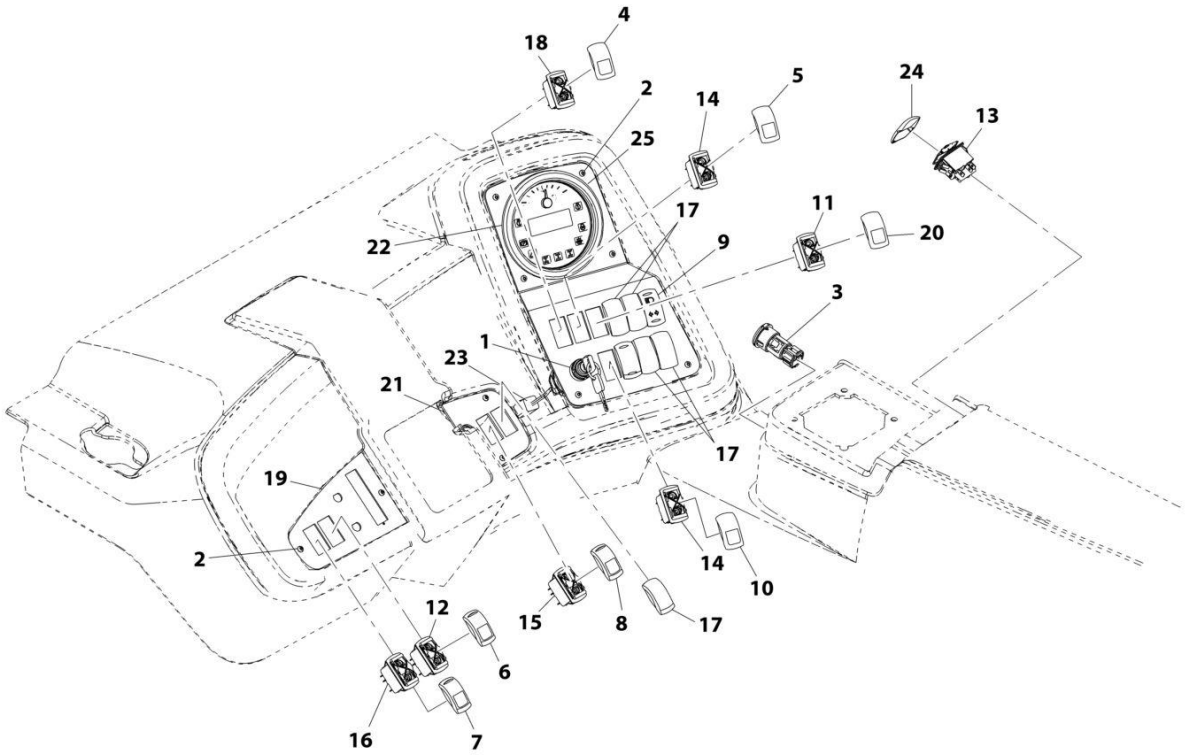


FIGURE 10-13. CAB - DASH ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241832	Ref	Dash Electrical Installation	A
1	4360657	1	Switch, Ignition	
1	70007289	1	Key, 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 10-14. CHASSIS HARNESS INSTALLATION (3614RS)

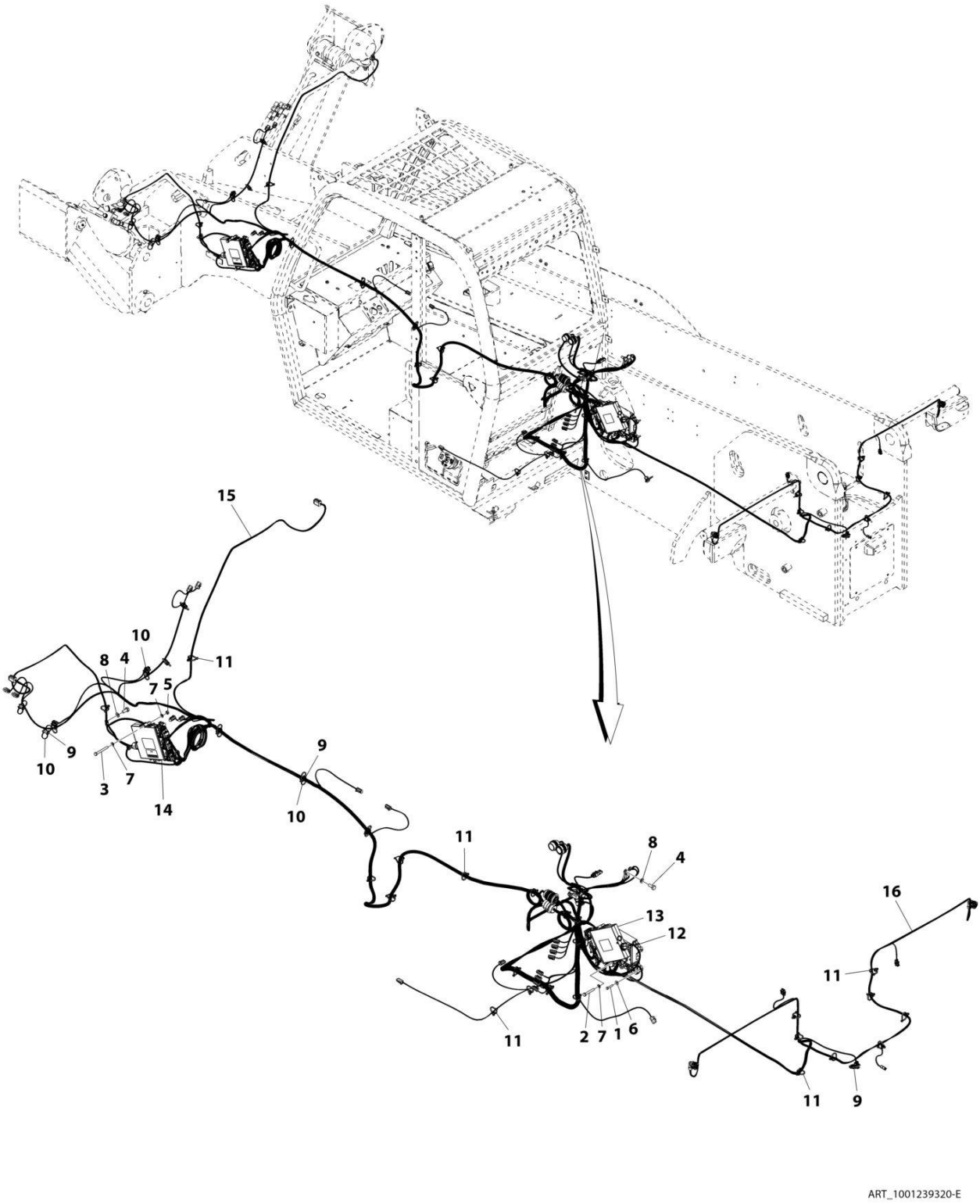


FIGURE 10-14. CHASSIS HARNESS INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239320	Ref	Chassis Harness Installation	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 10-15. CHASSIS HARNESS INSTALLATION (4017RS)

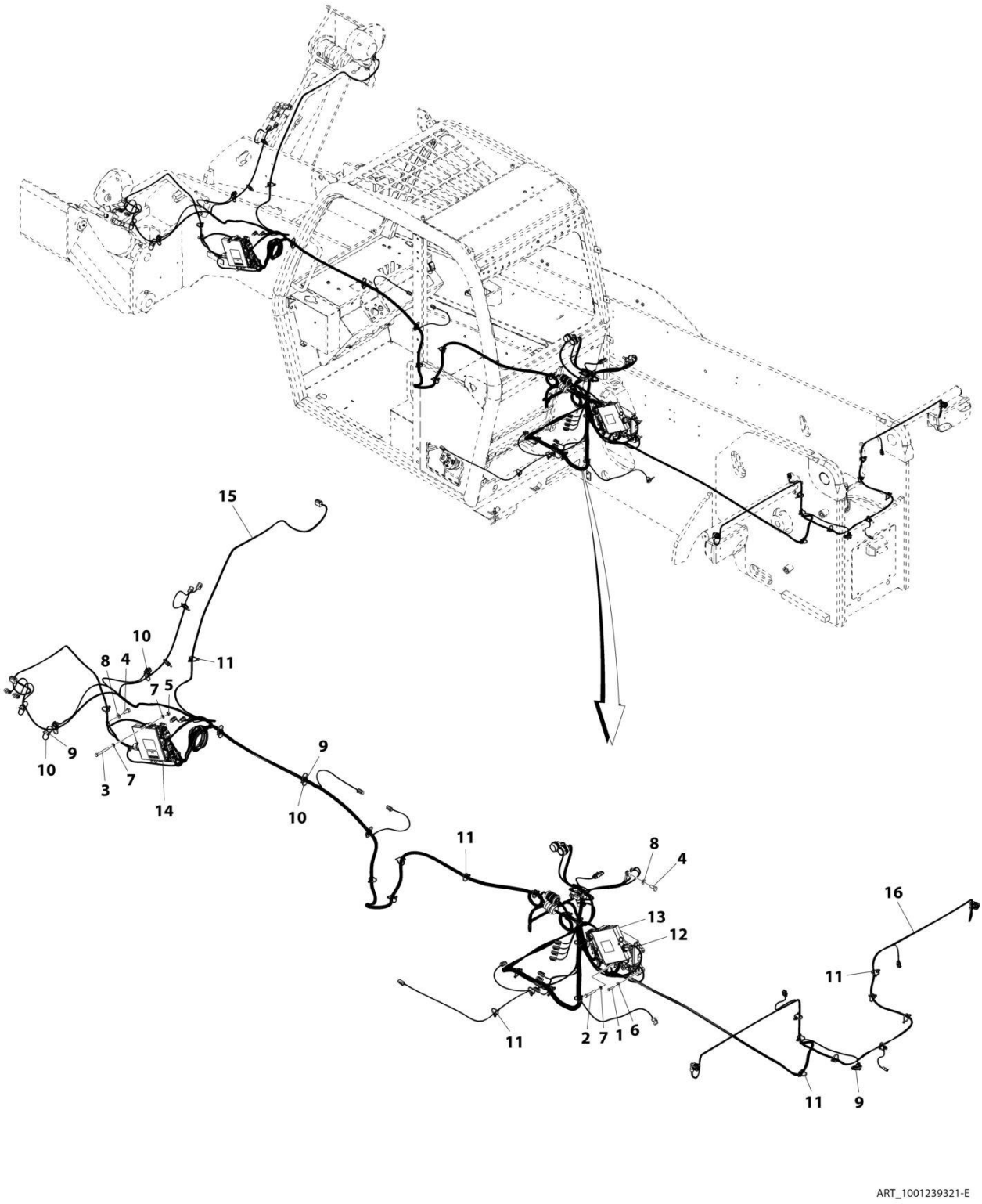


FIGURE 10-15. CHASSIS HARNESS INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239321	Ref	Chassis Harness Installation	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	
14	1001209577	1	Front Frame Module	
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 10-16. CLEARSKY INSTALLATION 3-WIRE (CE)

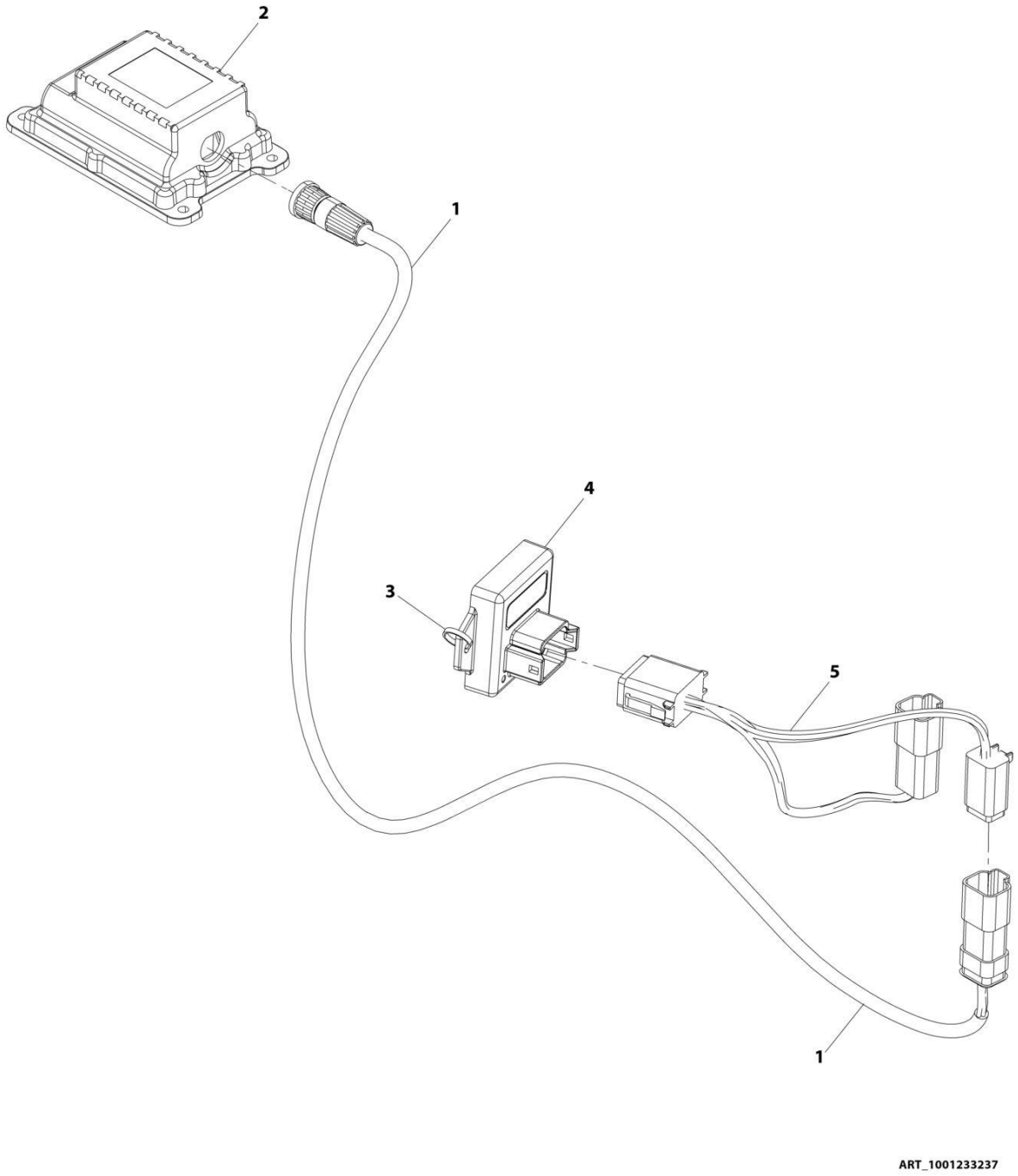


FIGURE 10-16. CLEARSKY INSTALLATION 3-WIRE (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233237	Ref	Clearsky Installation 3-Wire (CE)	E
1	1001227066	1	Telematics Harness (See Separate Breakdown in this Section)	
2	1001233236	1	Module, 3W TCU	
3	4240032	AR	Tie Strap	
4	1001262960	1	Voltage Regulator	
5	1001262963	1	Harness, Xirgo Jumper	

FIGURE 10-17. CLEARSKY - 3-WIRE HARNESS

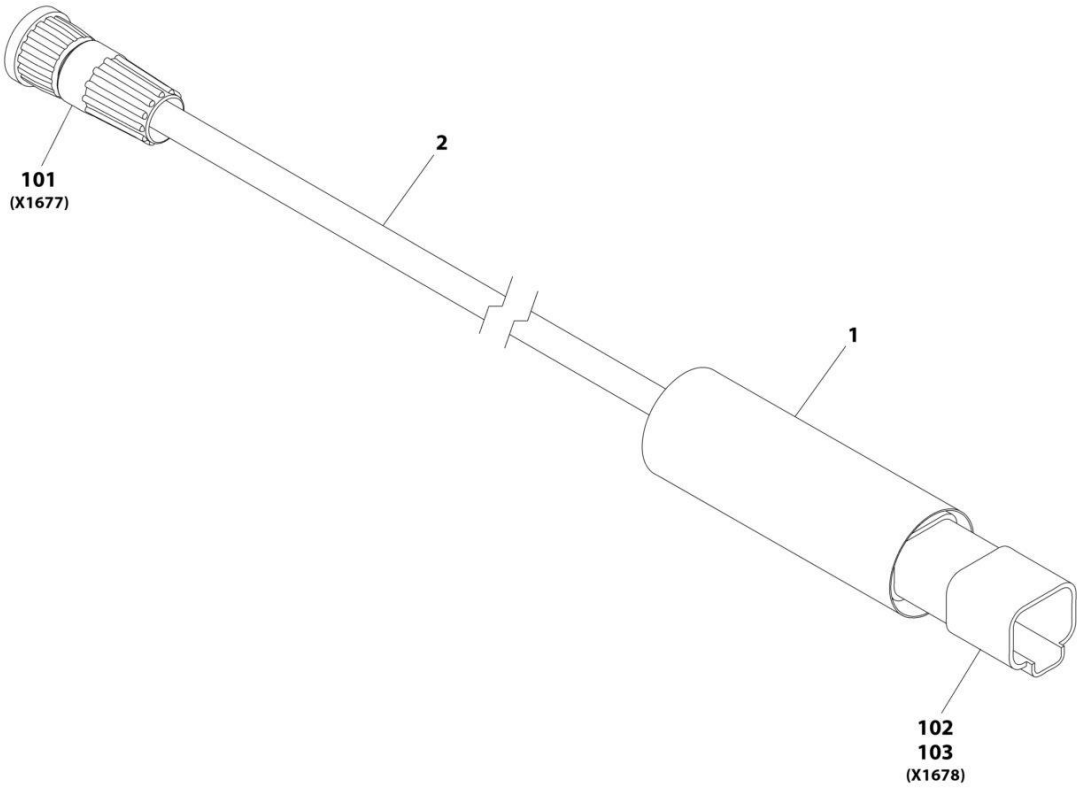


FIGURE 10-17. CLEARSKY - 3-WIRE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227066	Ref	CLEARSKY 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 10-18. CLEARSKY CANBUS INSTALLATION (CE)

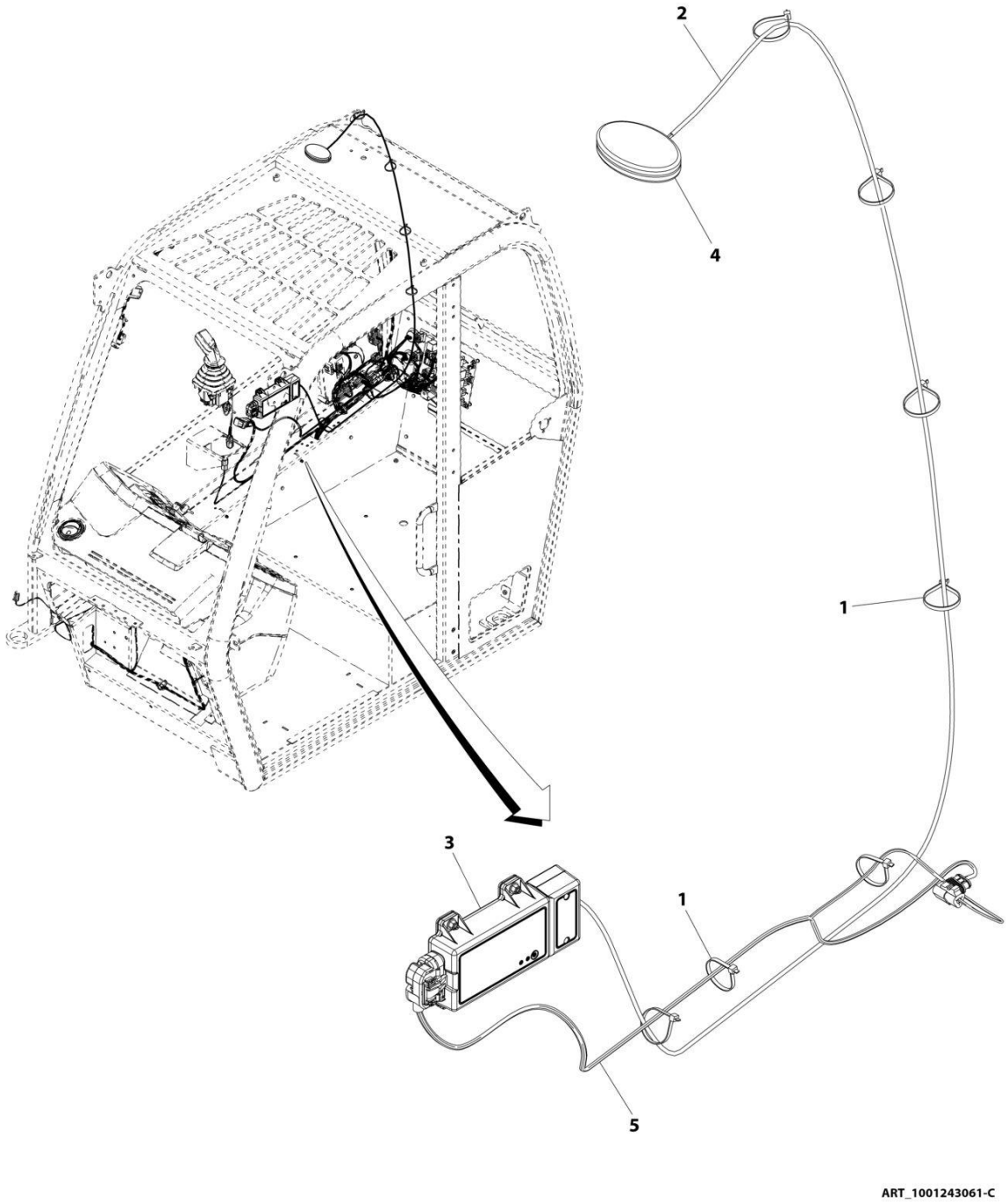


FIGURE 10-18. CLEARSKY CANBUS INSTALLATION (CE)

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 10-19. CLEARSKY - CANBUS HARNESS

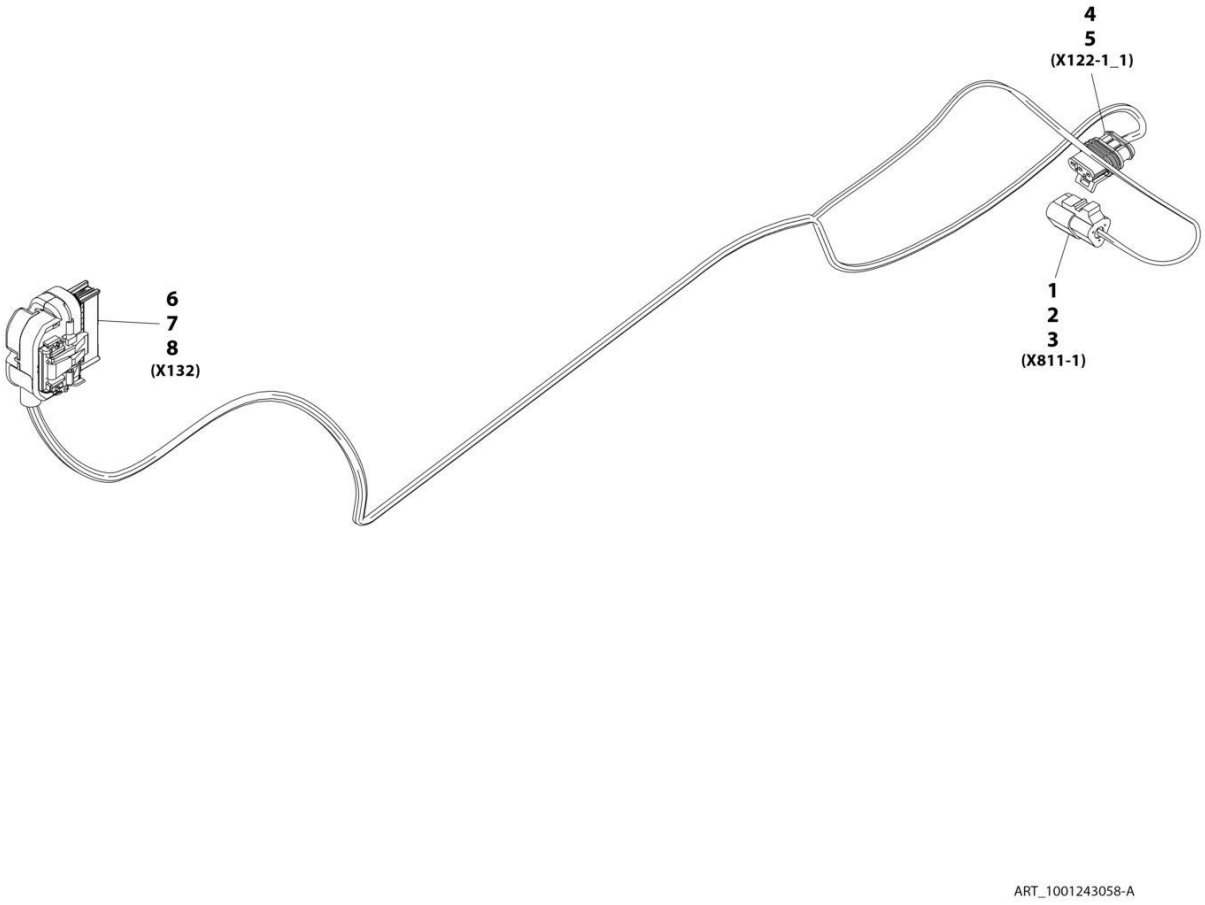


FIGURE 10-19. CLEARSKY - CANBUS HARNESS

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 10-20. CLEARSKY UNIVERSAL INSTALLATION

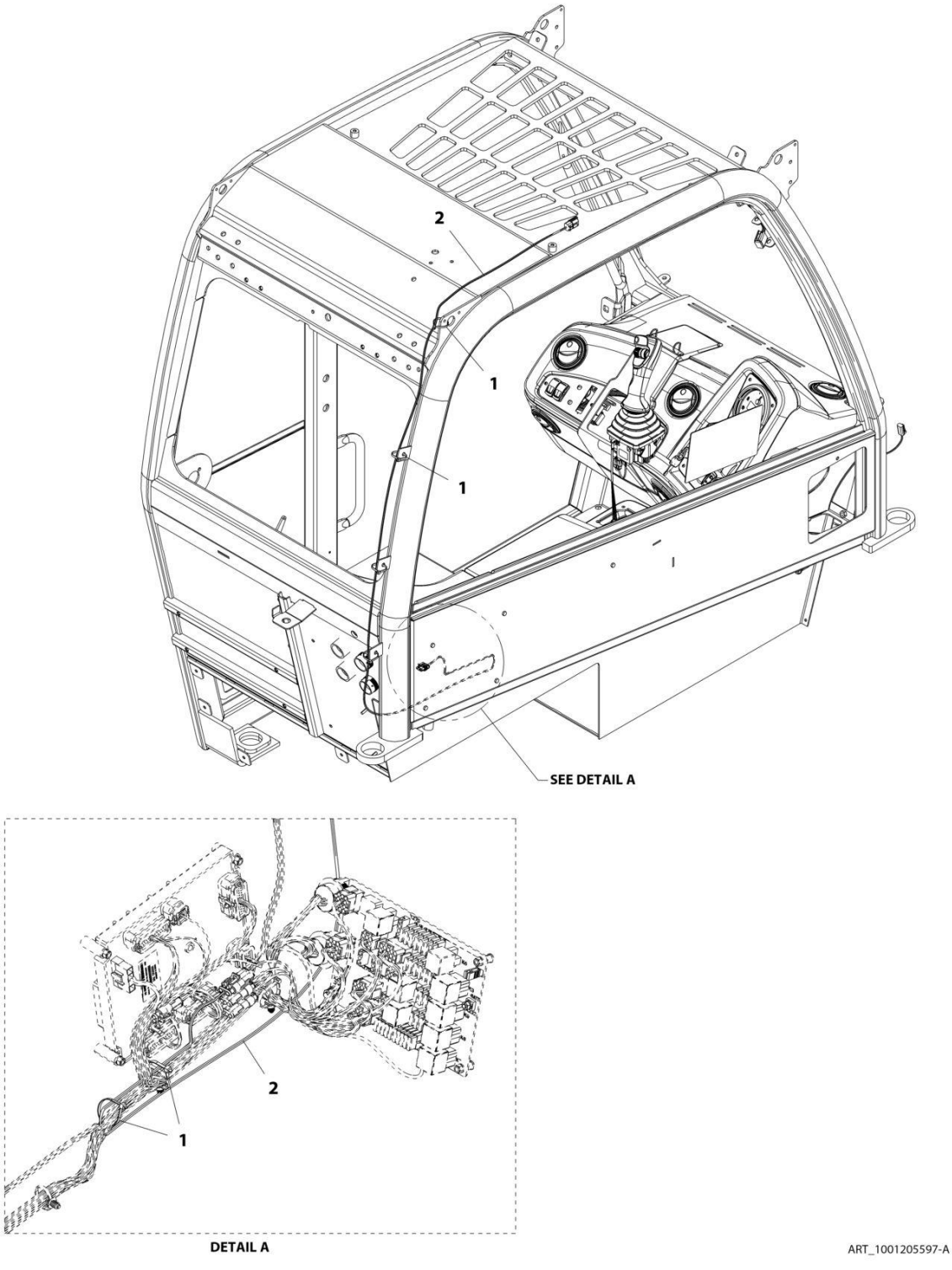


FIGURE 10-20. CLEARSKY UNIVERSAL INSTALLATION

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 Separate Breakdown in this Section)	

FIGURE 10-21. CLEARSKY - UNIVERSAL HARNESS



FIGURE 10-21. CLEARSKY - UNIVERSAL 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 10-22. ENGINE ELECTRICAL INSTALLATION - 55 KW

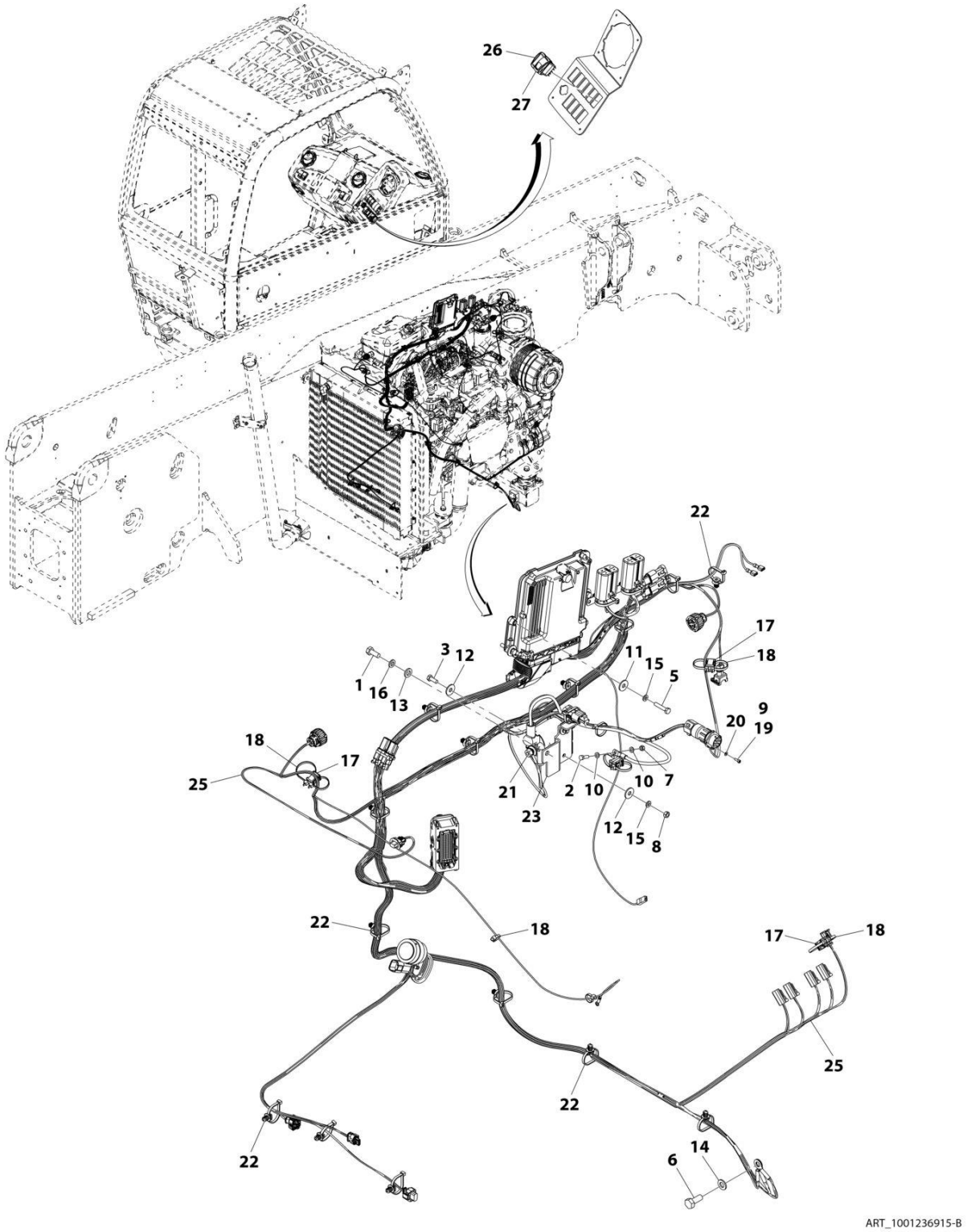


FIGURE 10-22. ENGINE ELECTRICAL INSTALLATION - 55 KW

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 10-23. ENGINE ELECTRICAL INSTALLATION - 74 KW

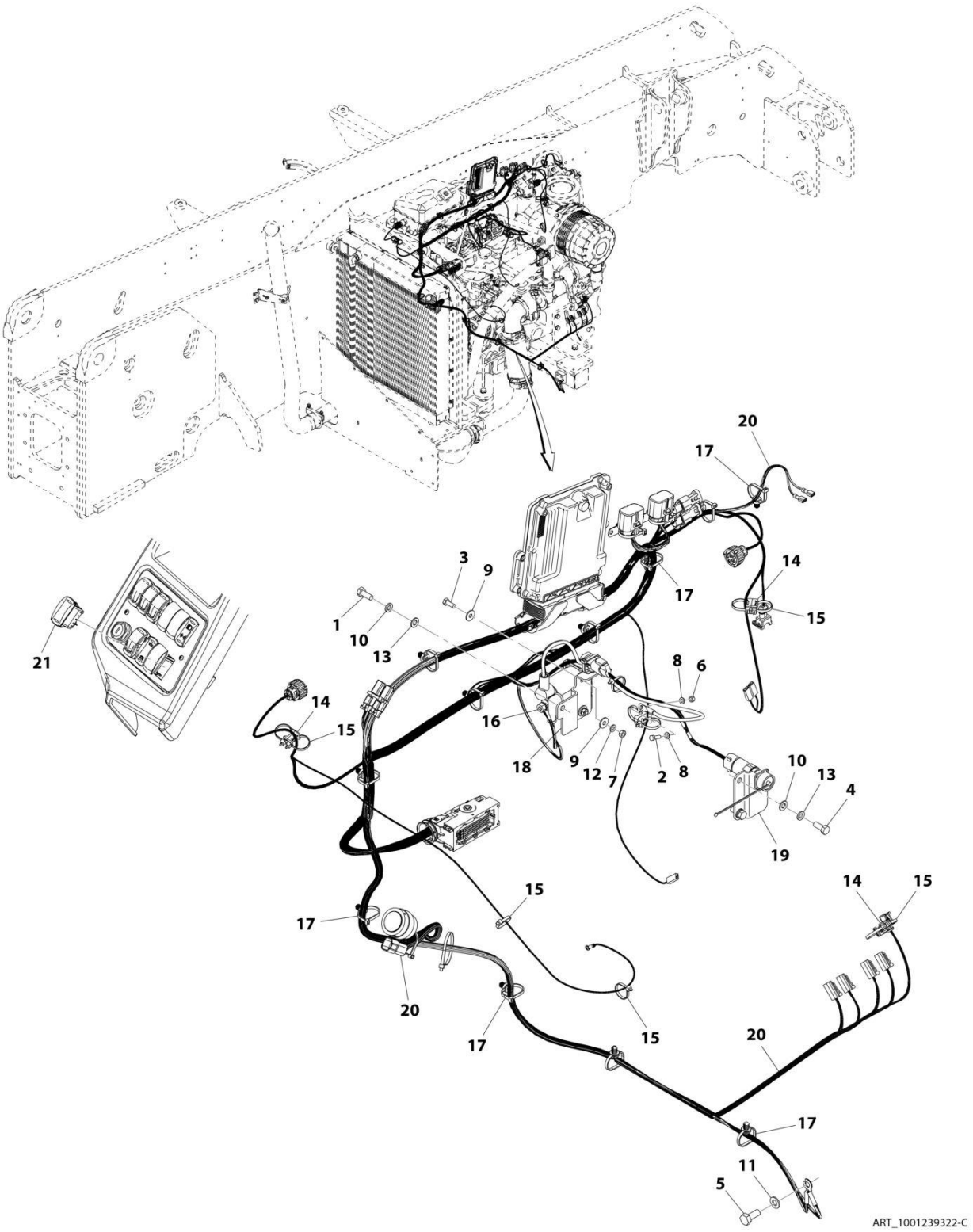


FIGURE 10-23. ENGINE ELECTRICAL INSTALLATION - 74 KW

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 10-24. ENGINE HARNESS - 55KW

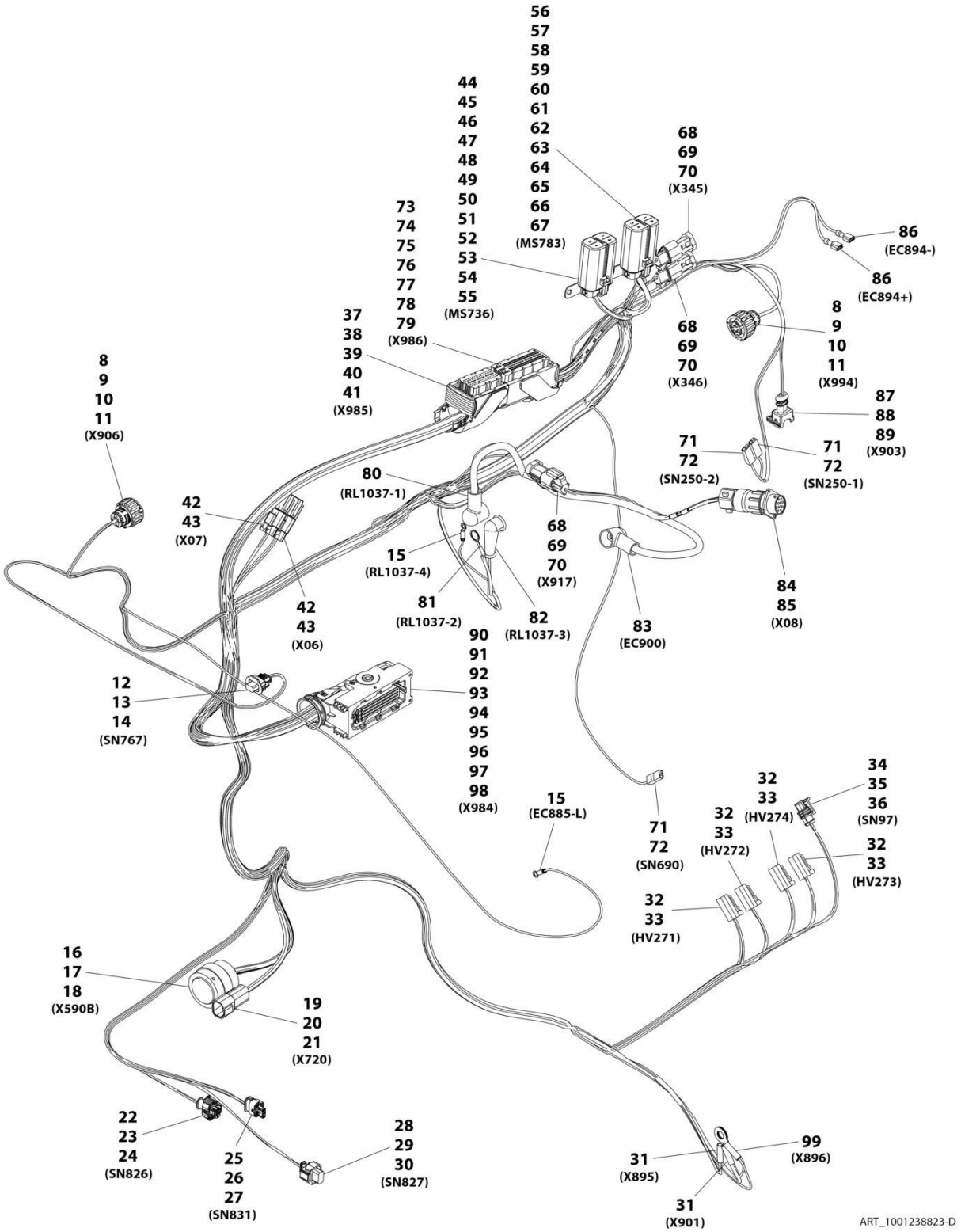


FIGURE 10-24. ENGINE HARNESS - 55KW

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	2	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	
56	80484081	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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 10-25. ENGINE HARNESS - 74KW

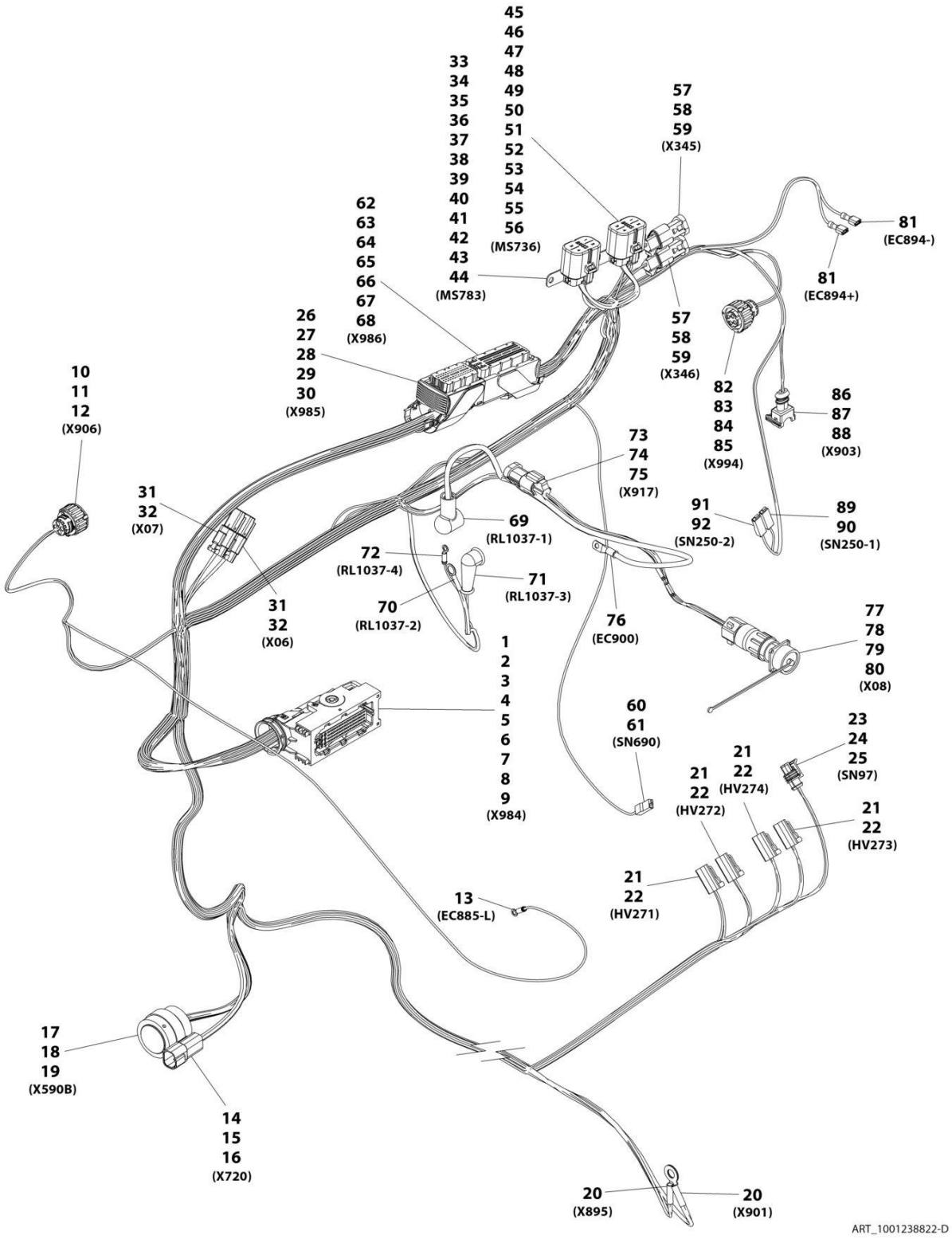


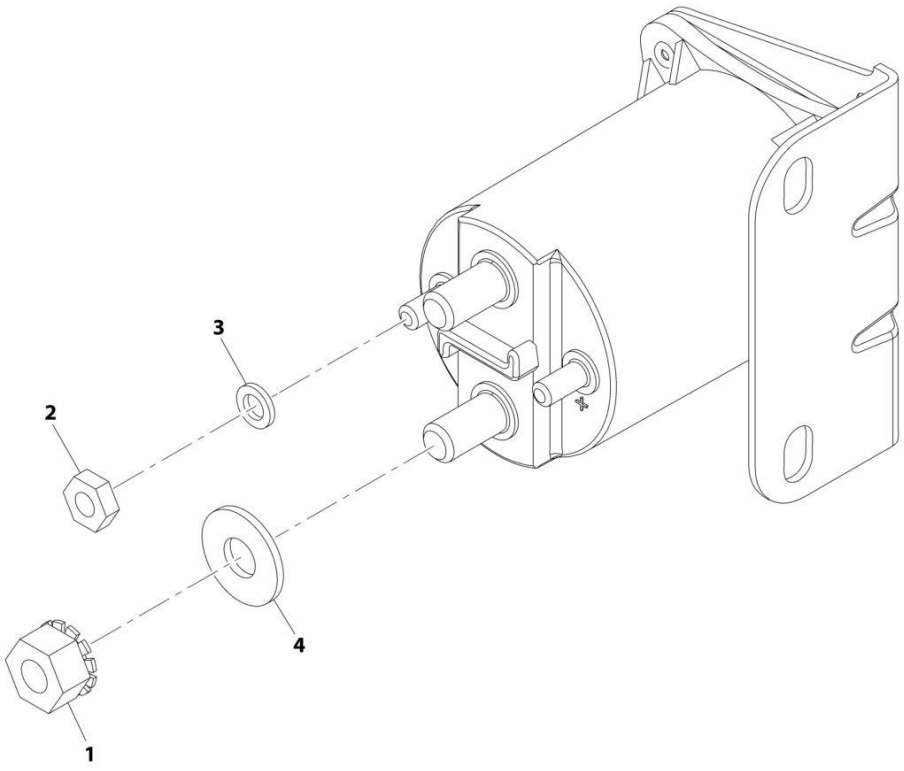
FIGURE 10-25. ENGINE HARNESS - 74KW

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	Bracket	
36	8229247	1	Fuse	
37	1001242866	1	Relay	
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	Bracket	
48	1001129285	1	Diode	
49	8229242	1	Fuse	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	8229244	1	Fuse	
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 10-26. ENGINE - RELAY INSTALLATION - 200 AMP



ART_1001117308-C

FIGURE 10-26. ENGINE - RELAY INSTALLATION - 200 AMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117308	Ref	200 AMP Relay Installation	C
1	3300220	2	Nut, Washer	
2	3321001	2	Nut	
3	4761000	2	Washer, Lock	
4	1001111424	2	Washer	

FIGURE 10-27. FRAME HARNESS - FRONT

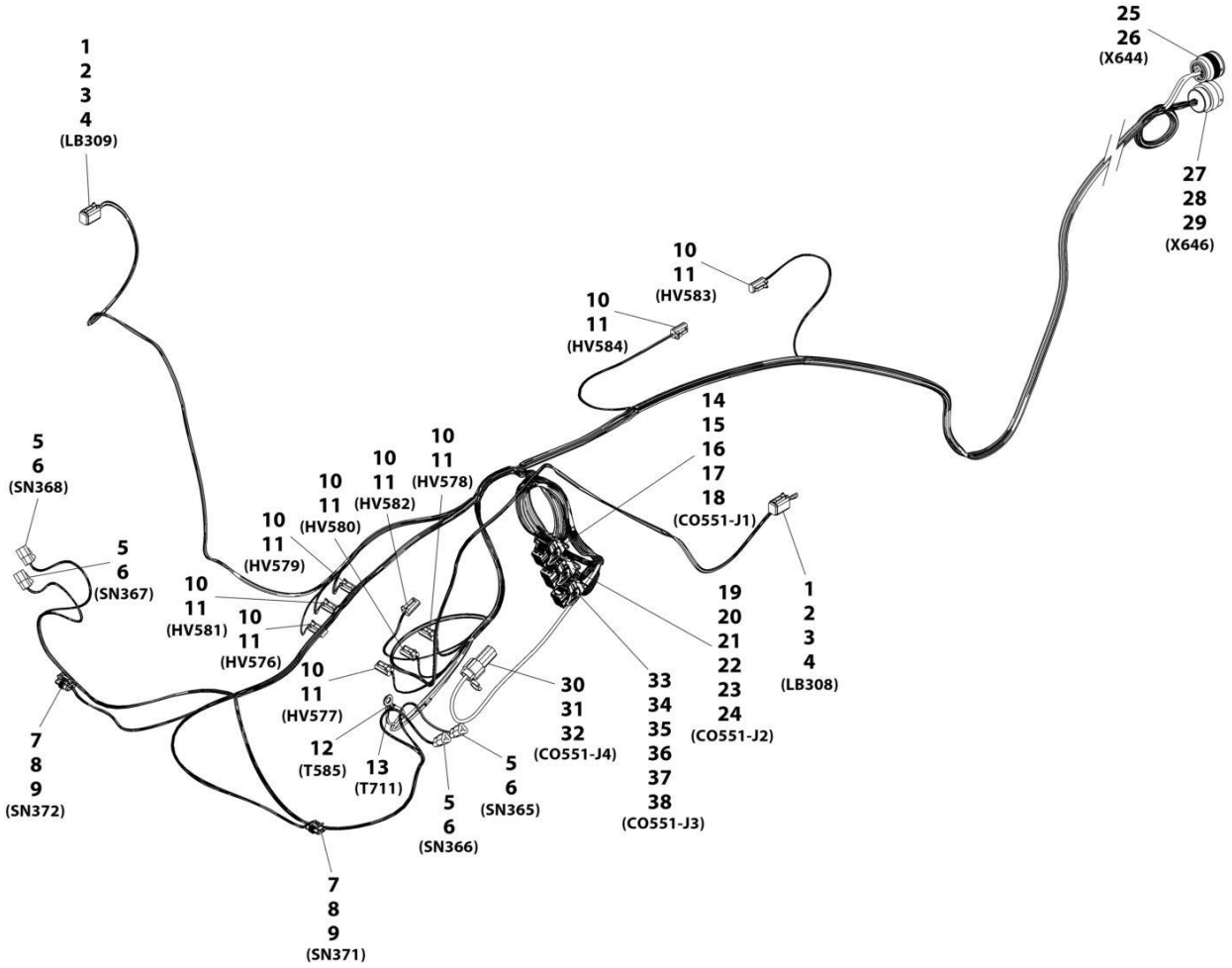


FIGURE 10-27. FRAME HARNESS - FRONT

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 10-28. FRAME HARNESS - REAR

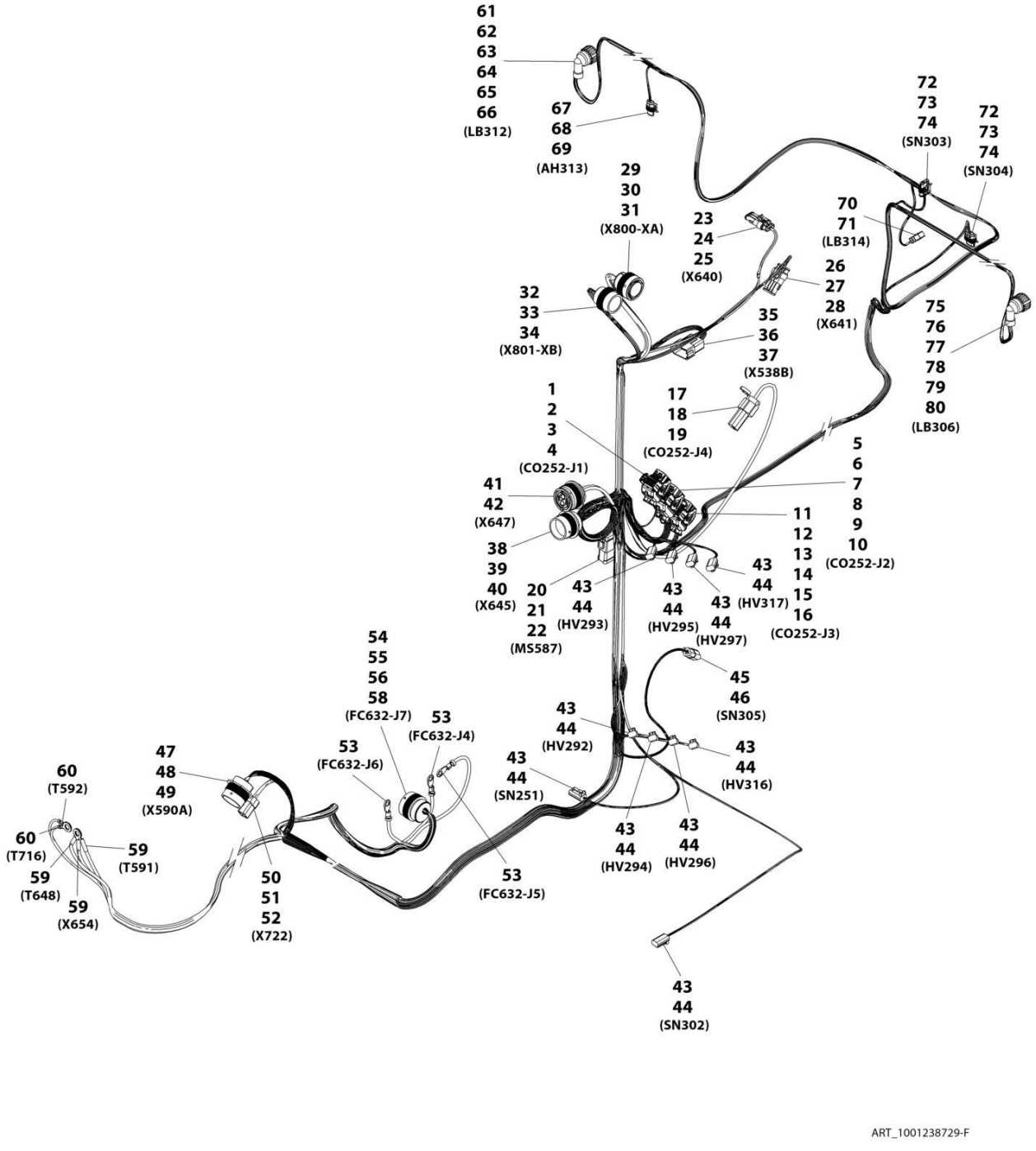


FIGURE 10-28. FRAME HARNESS - REAR

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	
49	4460466	8	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
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 10-29. HAC CAB HARNESS

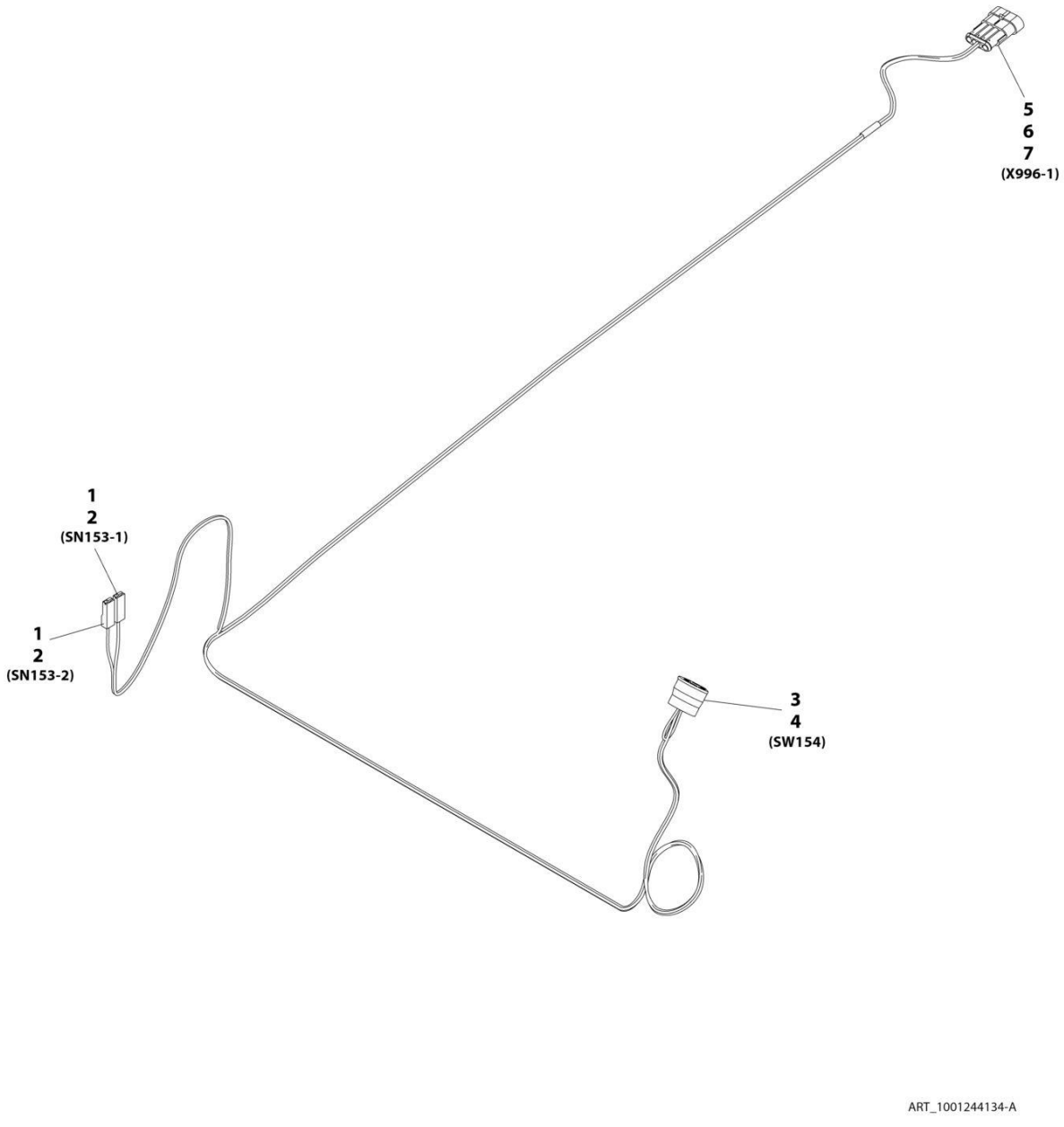


FIGURE 10-29. HAC CAB HARNESS

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 10-30. HAC CHASSIS HARNESS

SN252

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	613-1 AC PRESS	1 mm^2	FLRY-B
2	WHT	614 AC COMP	1 mm^2	FLRY-B

WH753-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	BLK	058 GND	1.5 mm^2	FLRY-B
B	WHT	615-3 COND FAN	1.5 mm^2	FLRY-B

WH753-2

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
A	BLK	059 GND	1.5 mm^2	FLRY-B
B	WHT	615-4 COND FAN	1.5 mm^2	FLRY-B

X998-1

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	615-4 COND FAN	1.5 mm^2	FLRY-B
2	WHT	615-3 COND FAN	1.5 mm^2	FLRY-B
3	WHT	613-1 AC PRESS	1 mm^2	FLRY-B

WH1260

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	614 AC COMP	1 mm^2	FLRY-B
2				

X776

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	058 GND	1.5 mm^2	FLRY-B
1	BLK	059 GND	1.5 mm^2	FLRY-B

X777

CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	BLK	GND	1 mm^2	FLRY-B

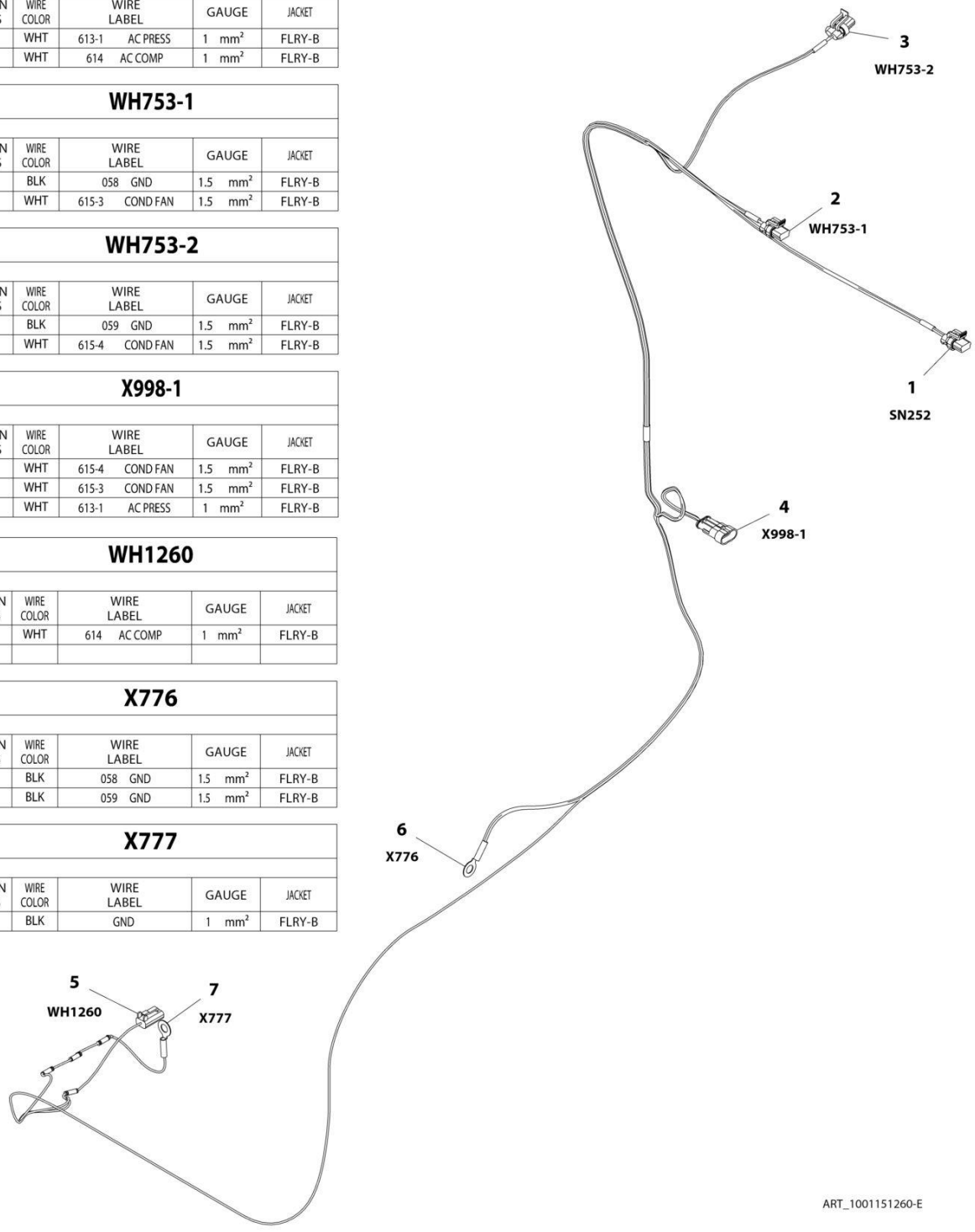


FIGURE 10-30. HAC CHASSIS HARNESS

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 10-31. HORN INSTALLATION

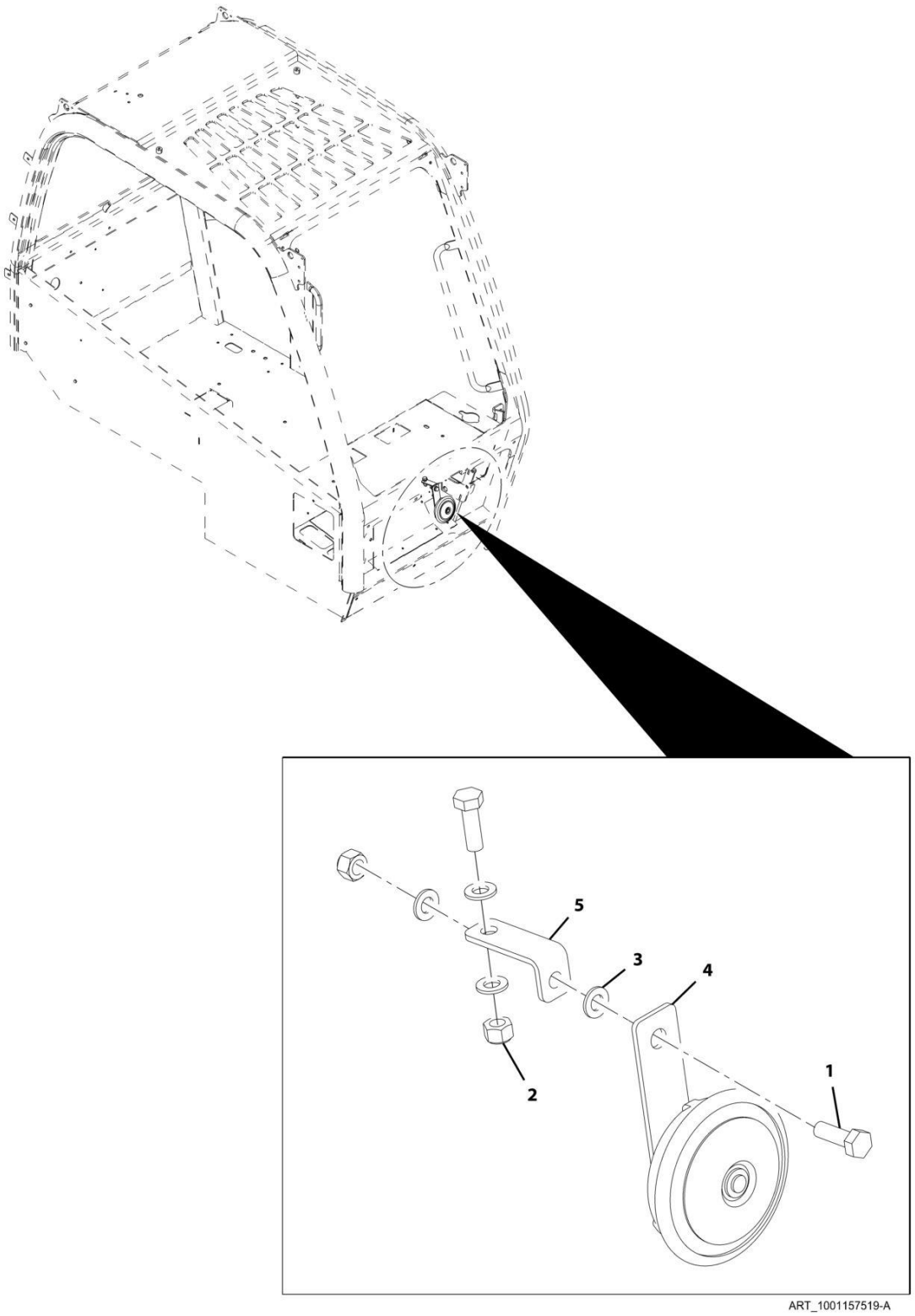


FIGURE 10-31. HORN INSTALLATION

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 10-32. LIGHTS - BEACON INSTALLATION

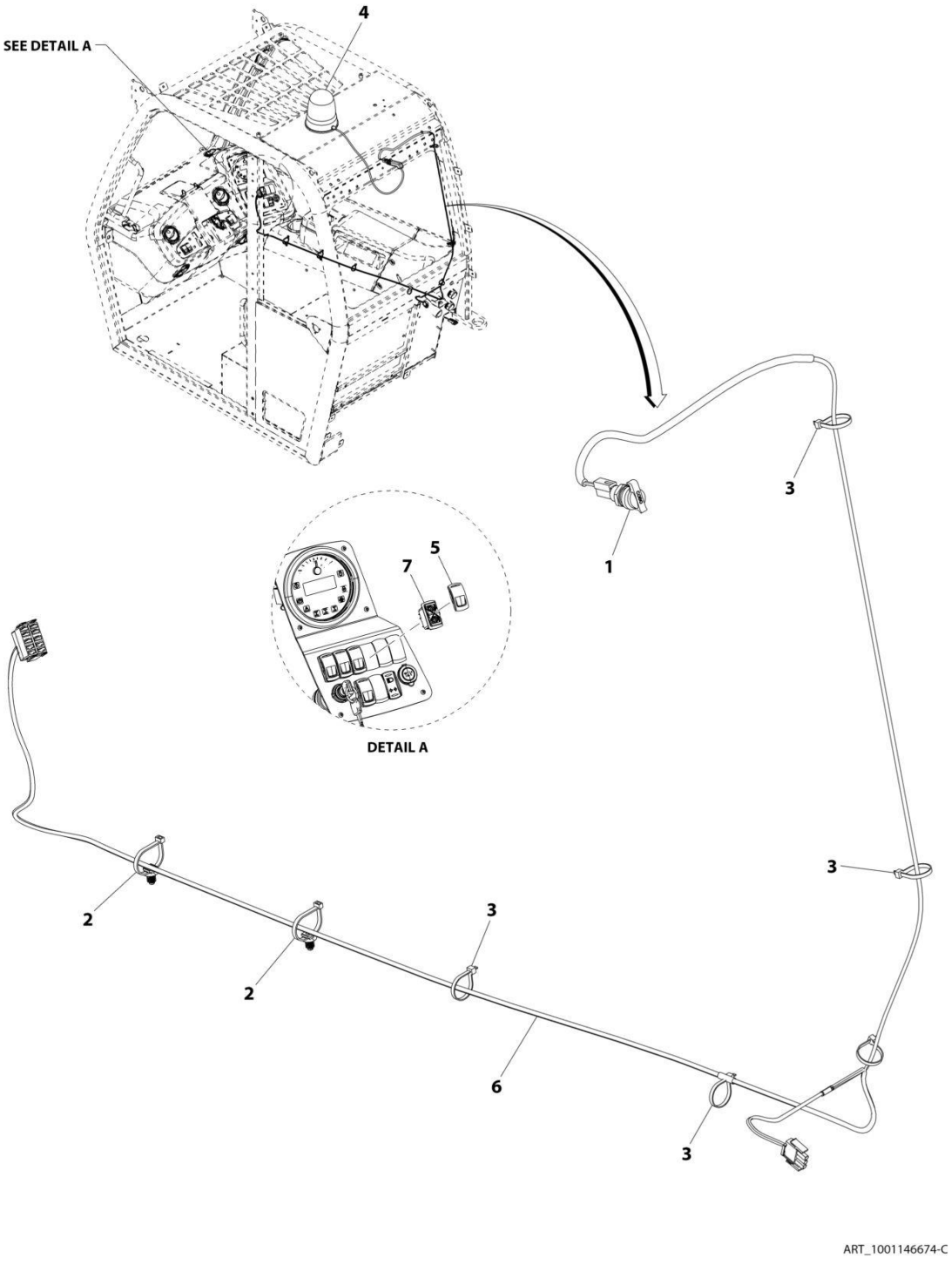
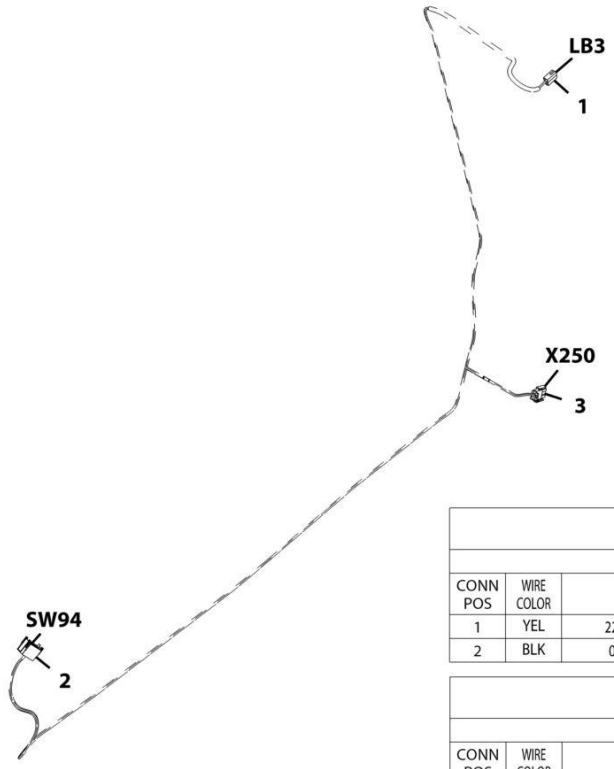


FIGURE 10-32. LIGHTS - BEACON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146674	Ref	Beacon Installation	C
1	4461174	1	Terminal, 12V Power Supply	
2	1001004720	2	Strap, Cable	
3	1001008559	5	Strap, Cable	
4	1001217623	1	Beacon	
	70020186	1	Bulb	
5	1001145263	1	Switch, Rocker, Beacon	
6	1001146676	1	Harness, Beacon (See Separate Breakdown in this Section)	
7	1001146725	1	Switch, SPST	

FIGURE 10-33. LIGHTS - 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 10-33. LIGHTS - 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 10-34. LIGHTS - BEACON READY INSTALLATION

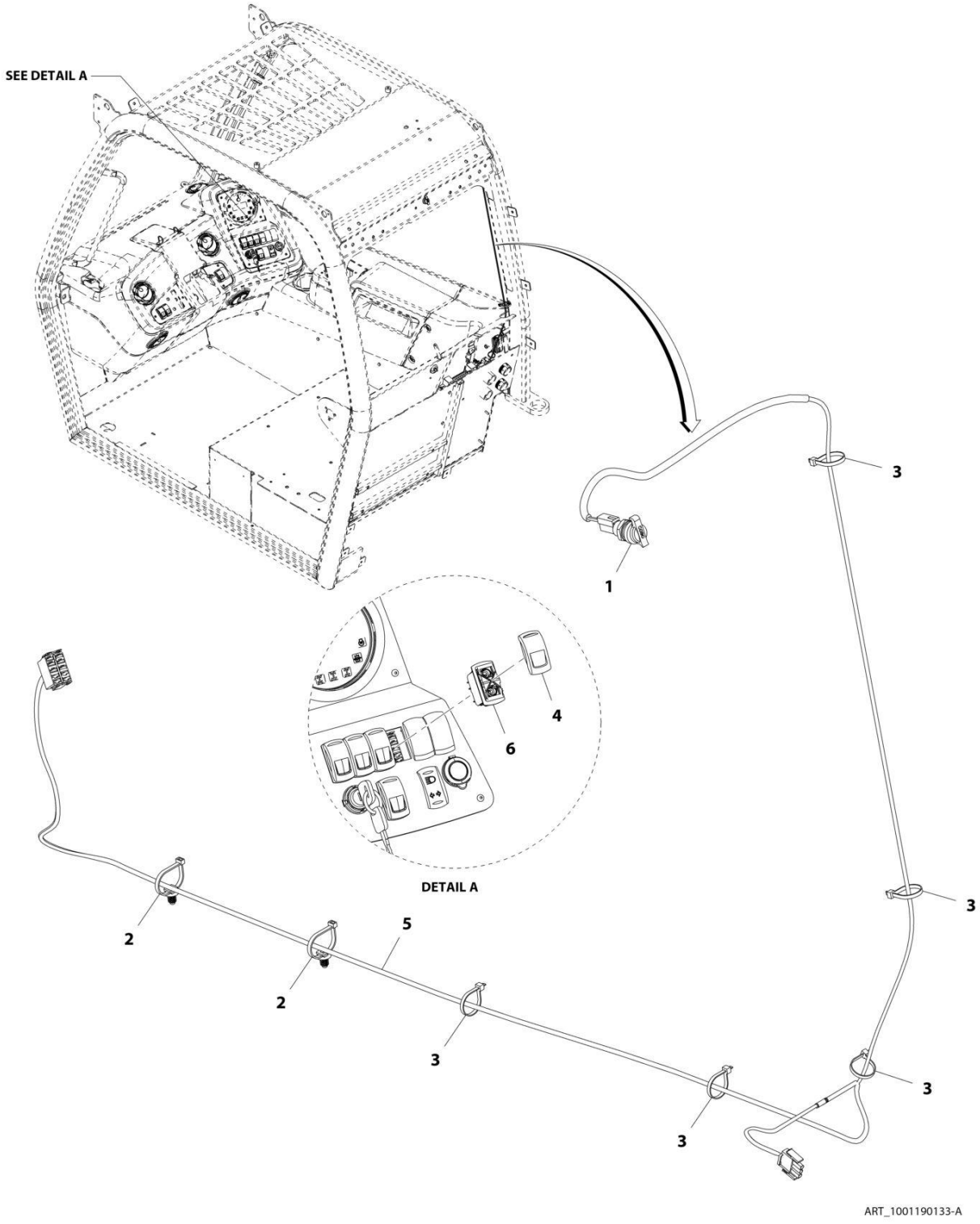


FIGURE 10-34. LIGHTS - BEACON READY INSTALLATION

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 Separate Breakdown in this Section)	
6	1001146725	1	Switch, SPST	

FIGURE 10-35. LIGHTS - CAB WORKLIGHTS INSTALLATION (NO HAC)

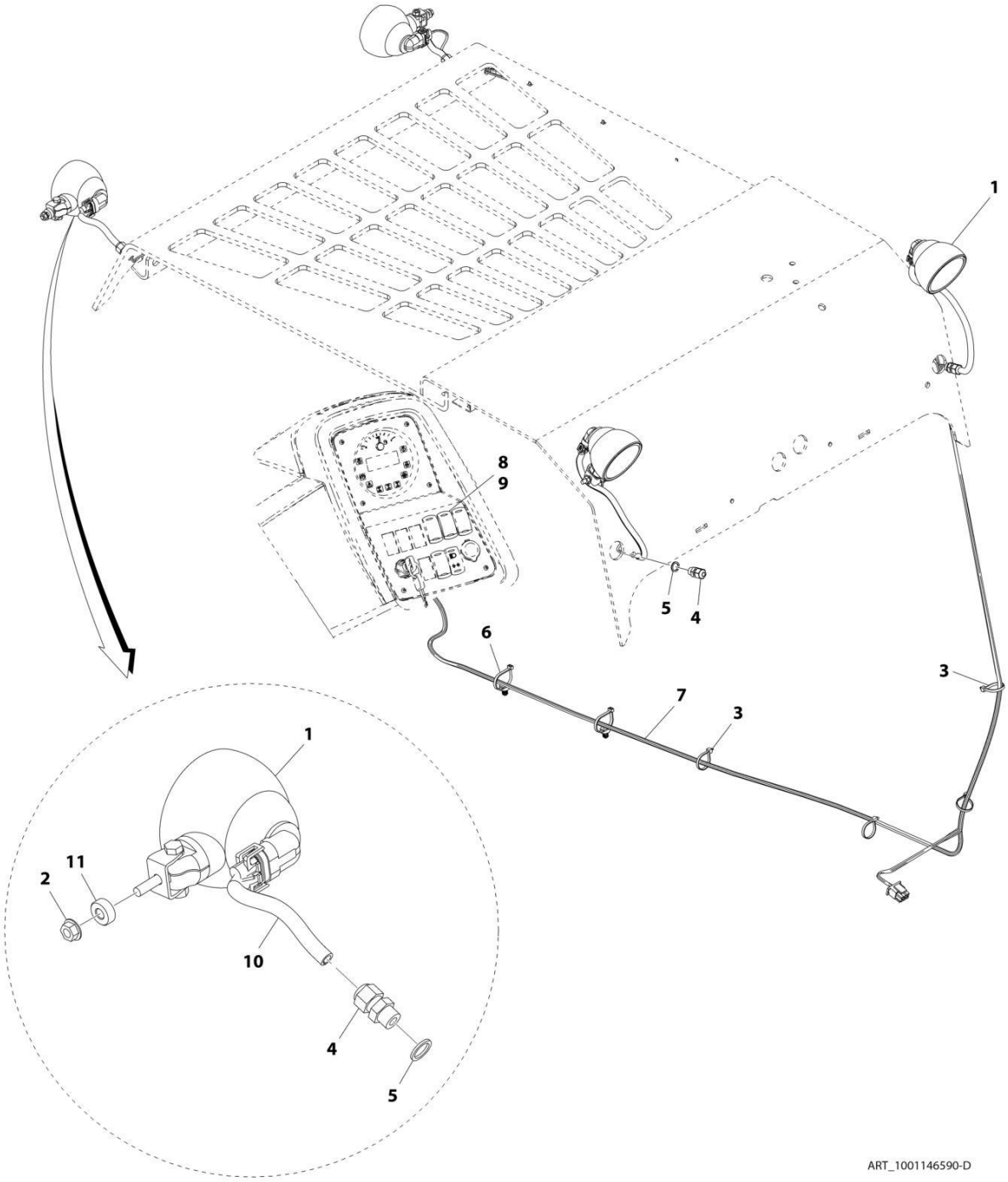


FIGURE 10-35. LIGHTS - CAB WORKLIGHTS INSTALLATION (NO HAC)

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 Separate Breakdown in this Section)	
8	1001146728	1	Switch, DP3T	
9	1001149968	1	Switch, Rocker, Worklights	
10	1001189744	820 mm	Conduit	
11	1001194187	2	Sleeve, Spacer	

FIGURE 10-36. LIGHTS - CAB WORKLIGHTS INSTALLATION (HAC)

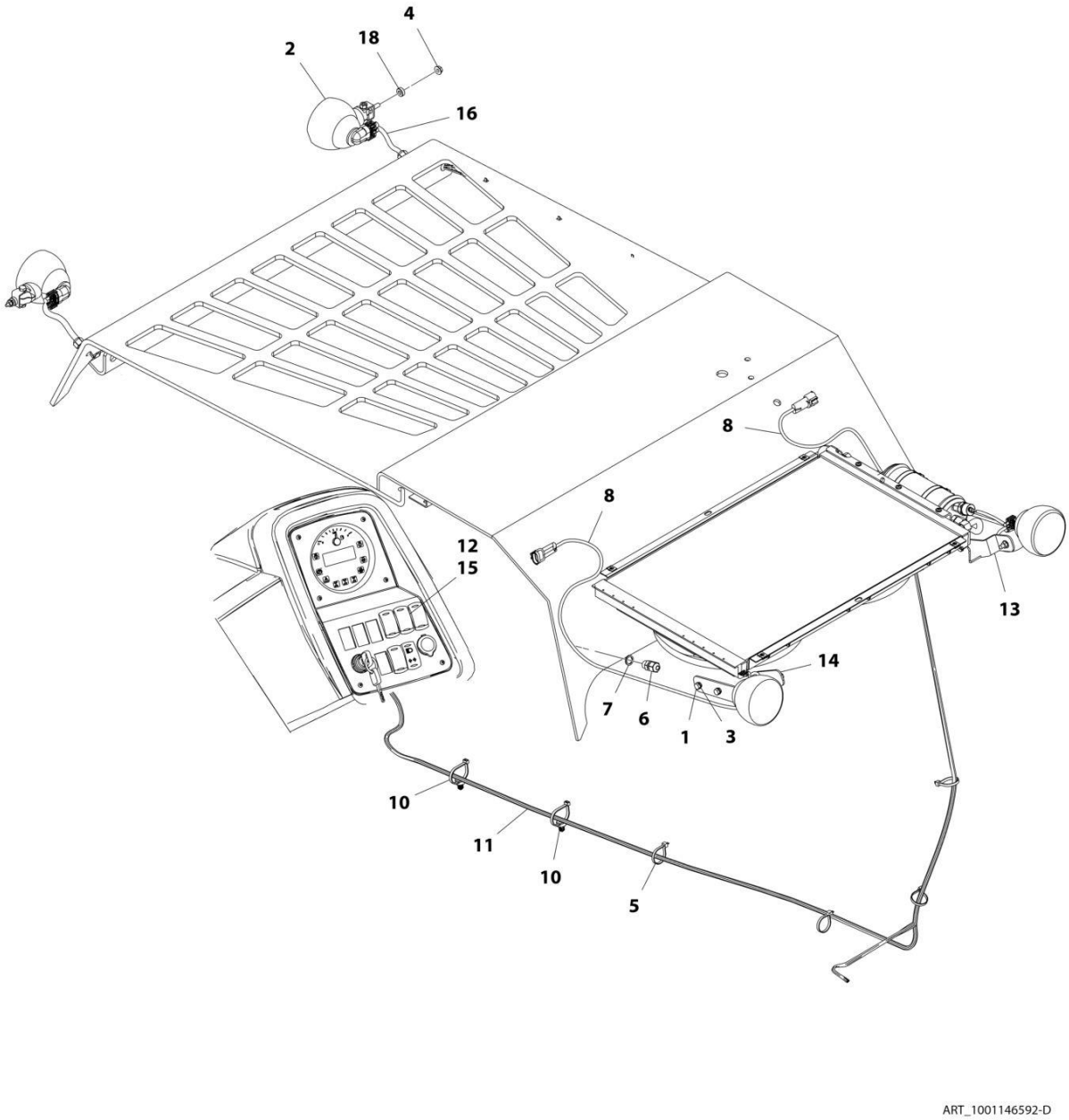


FIGURE 10-36. LIGHTS - CAB WORKLIGHTS INSTALLATION (HAC)

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 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	
18	1001194187	2	Sleeve, Spacer	

FIGURE 10-37. LIGHTS - CAB WORKLIGHTS INSTALLATION (LED) (NO HAC)

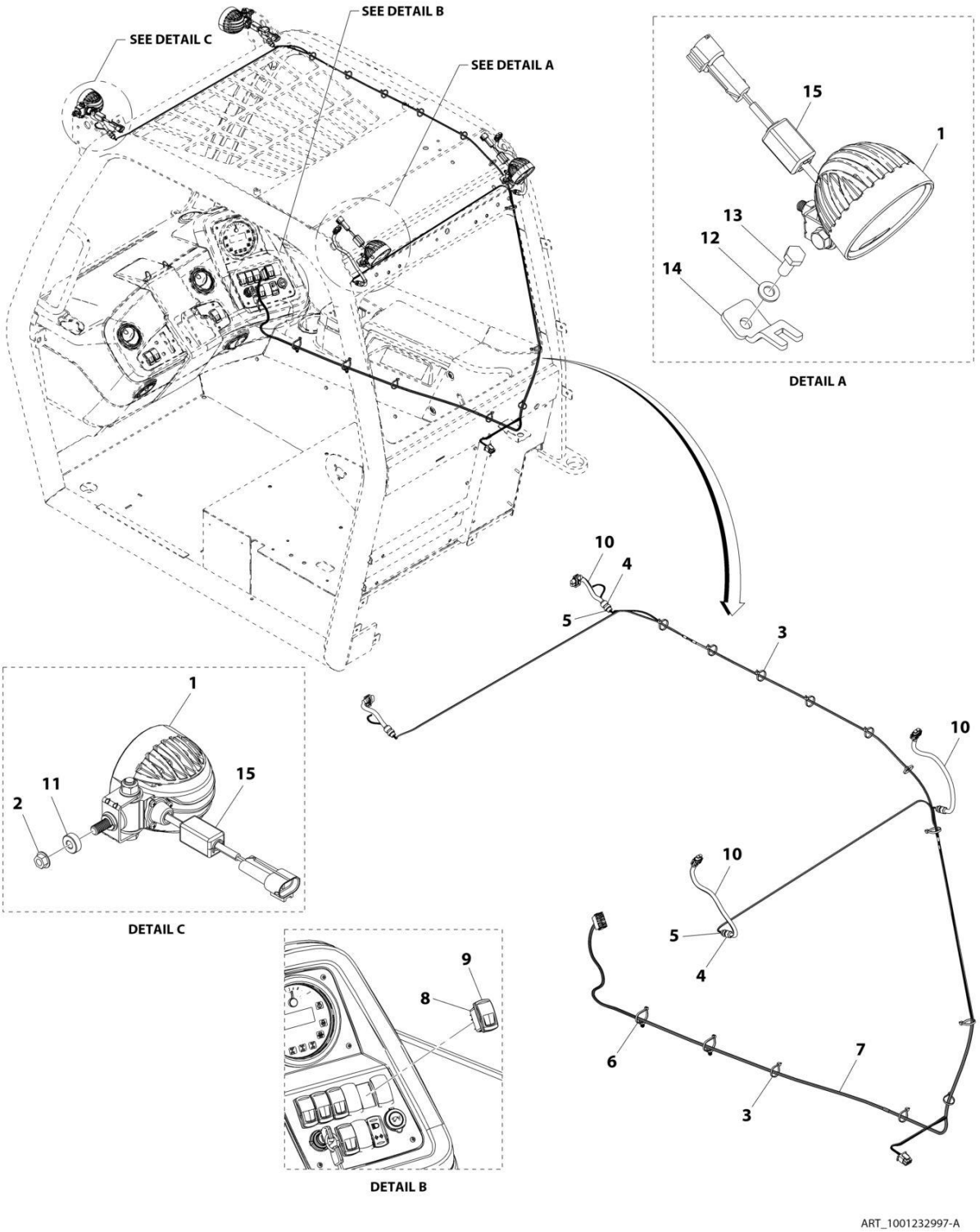


FIGURE 10-37. LIGHTS - CAB WORKLIGHTS INSTALLATION (LED) (NO HAC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232997	Ref	LED Worklights Installation (no HAC)	A
1	1001203640	4	Worklight	
2	5220600	2	Nut, Ripp 6	
3	1001008559	11	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 Separate Breakdown in this Section)	
8	1001146728	1	Switch, DP3T	
9	1001149968	1	Switch, Rocker, Worklights	
10	1001189744	820 mm	Conduit, Split Poly	
11	1001194187	2	Sleeve, Spacer	
12	4811900	2	Washer, M8	
13	0760810	2	Bolt, M8X20	
14	1001204528	2	Support, LED Worklight RH	
15	1001228989	4	Harness, Ferrite	

FIGURE 10-38. LIGHTS - CAB WORKLIGHTS INSTALLATION (LED)

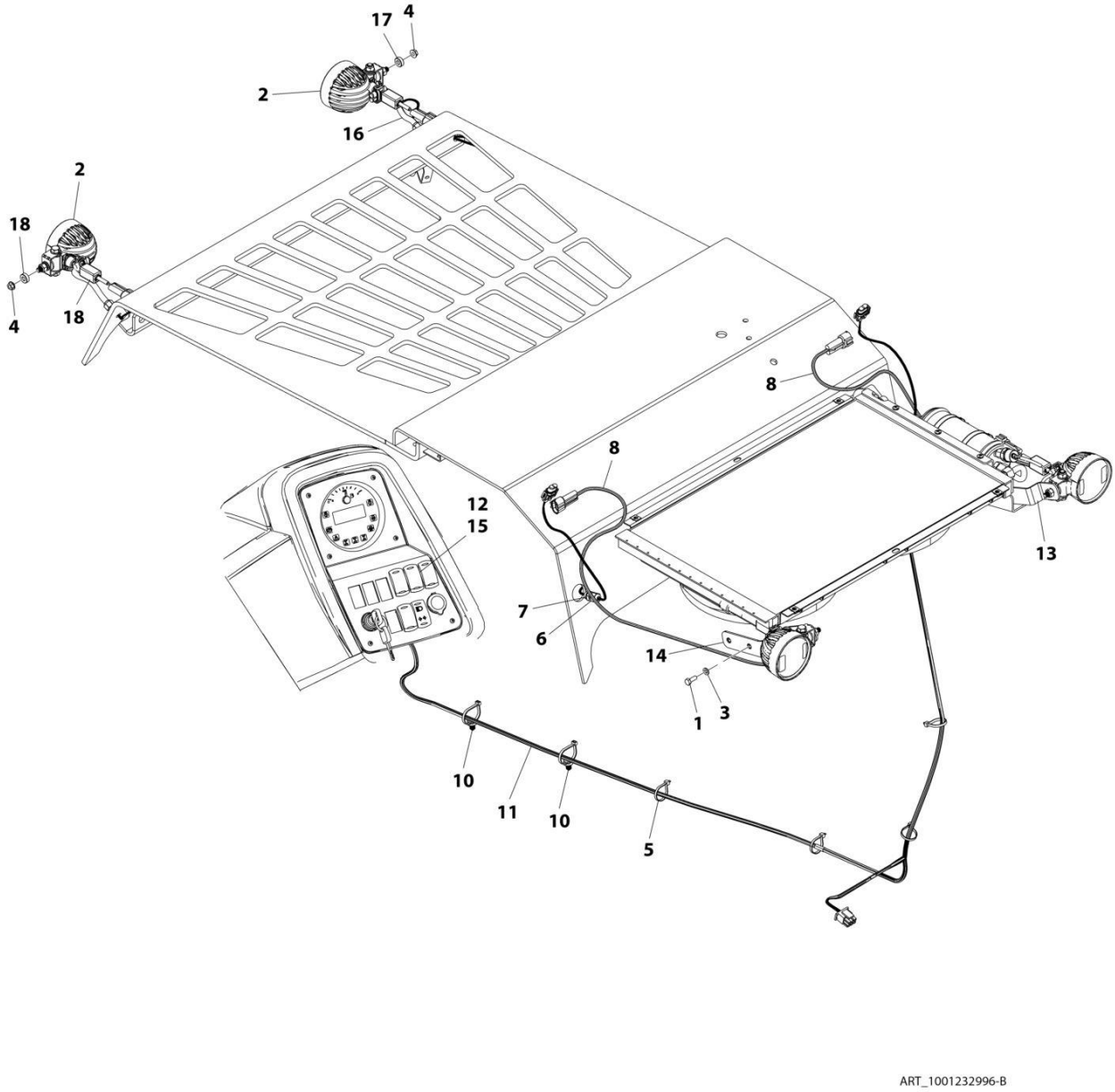


FIGURE 10-38. LIGHTS - CAB WORKLIGHTS INSTALLATION (LED)

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 10-39. LIGHTS - CAB WORKLIGHTS HARNESS

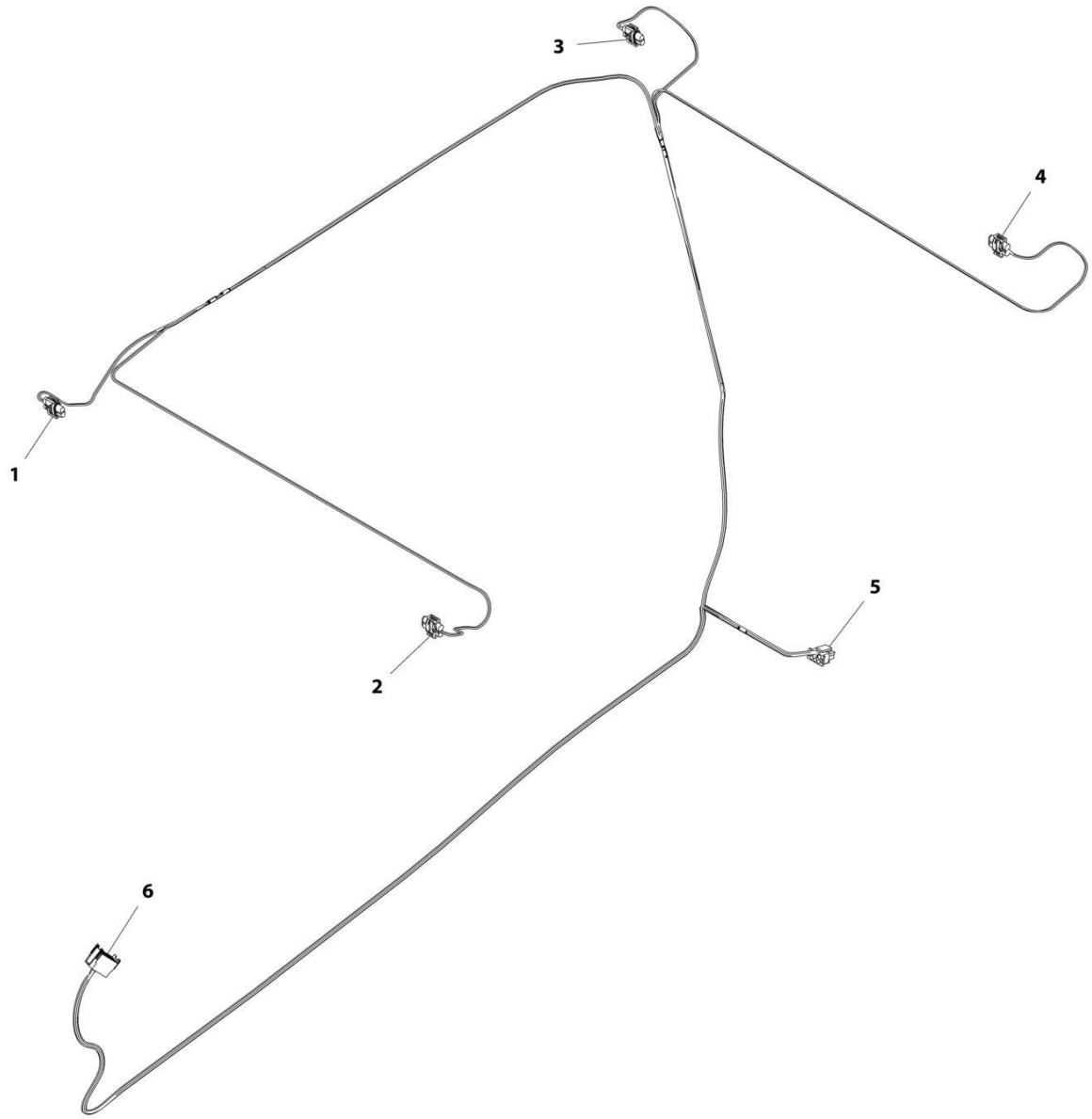


FIGURE 10-39. LIGHTS - CAB WORKLIGHTS HARNESS

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 10-40. LIGHTS - CAB WORKLIGHTS 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

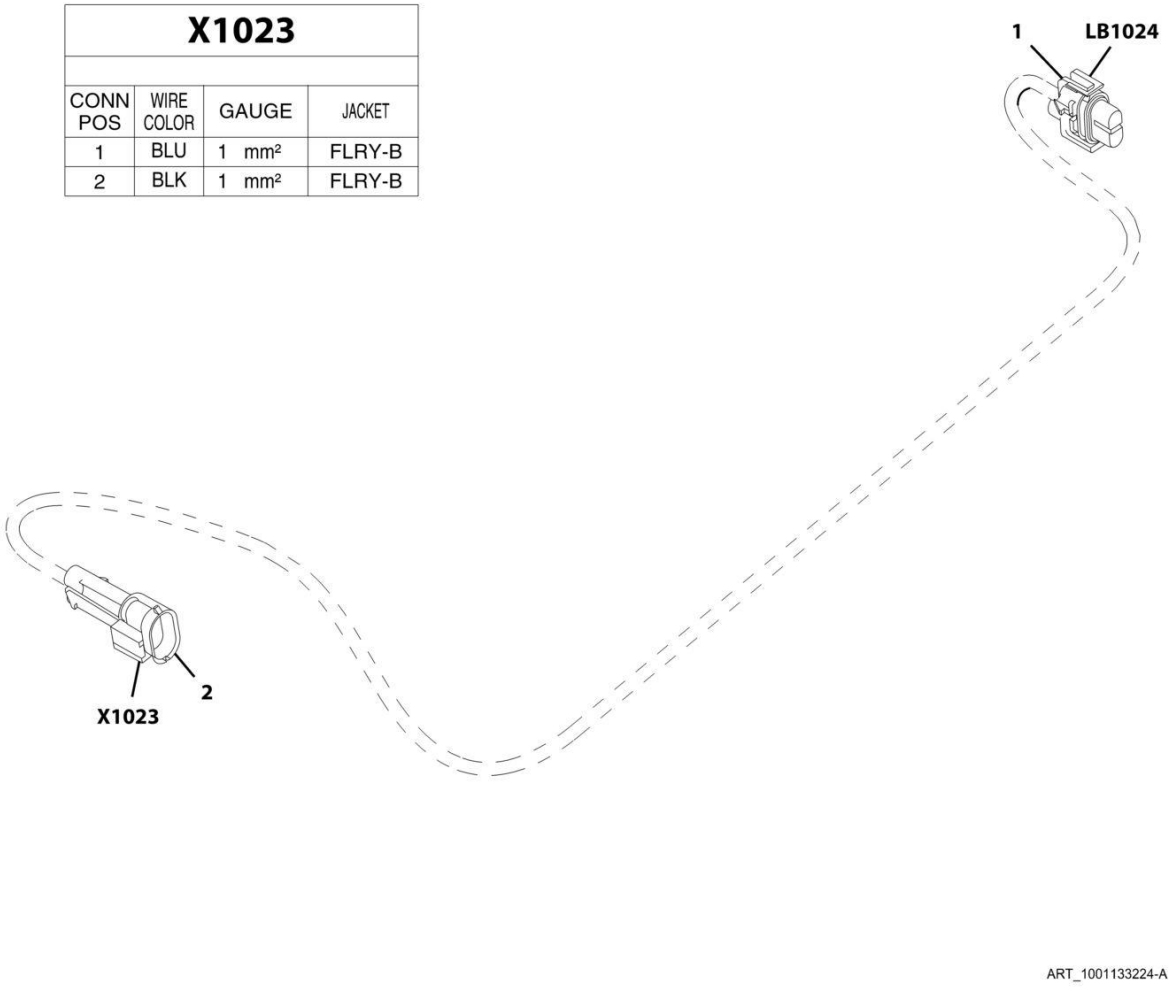
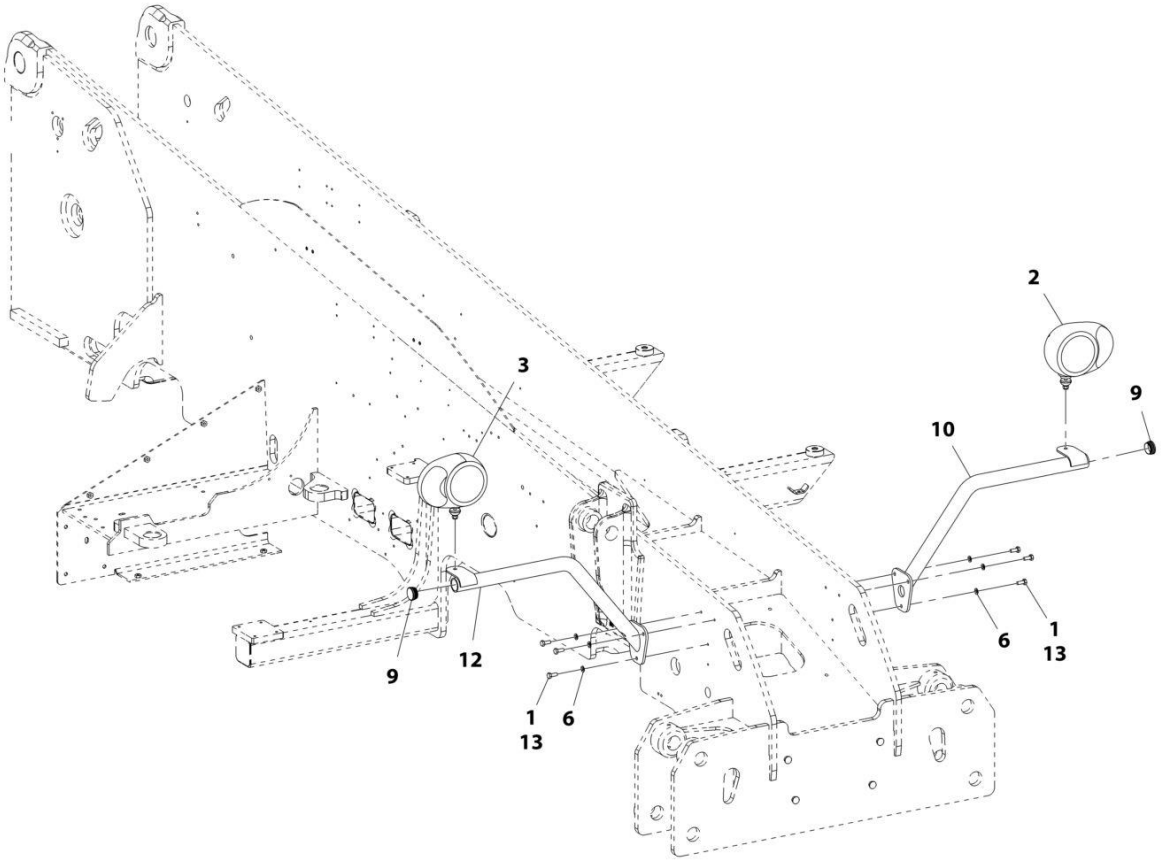


FIGURE 10-40. LIGHTS - CAB WORKLIGHTS EXTENSION HARNESS

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 10-41. LIGHTS - DRIVING LIGHTS INSTALLATION (GERMANY AND CE)



ART_1001146491-E

FIGURE 10-41. LIGHTS - 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. LIGHTS - DRIVING LIGHTS INSTALLATION (UK/IRELAND)

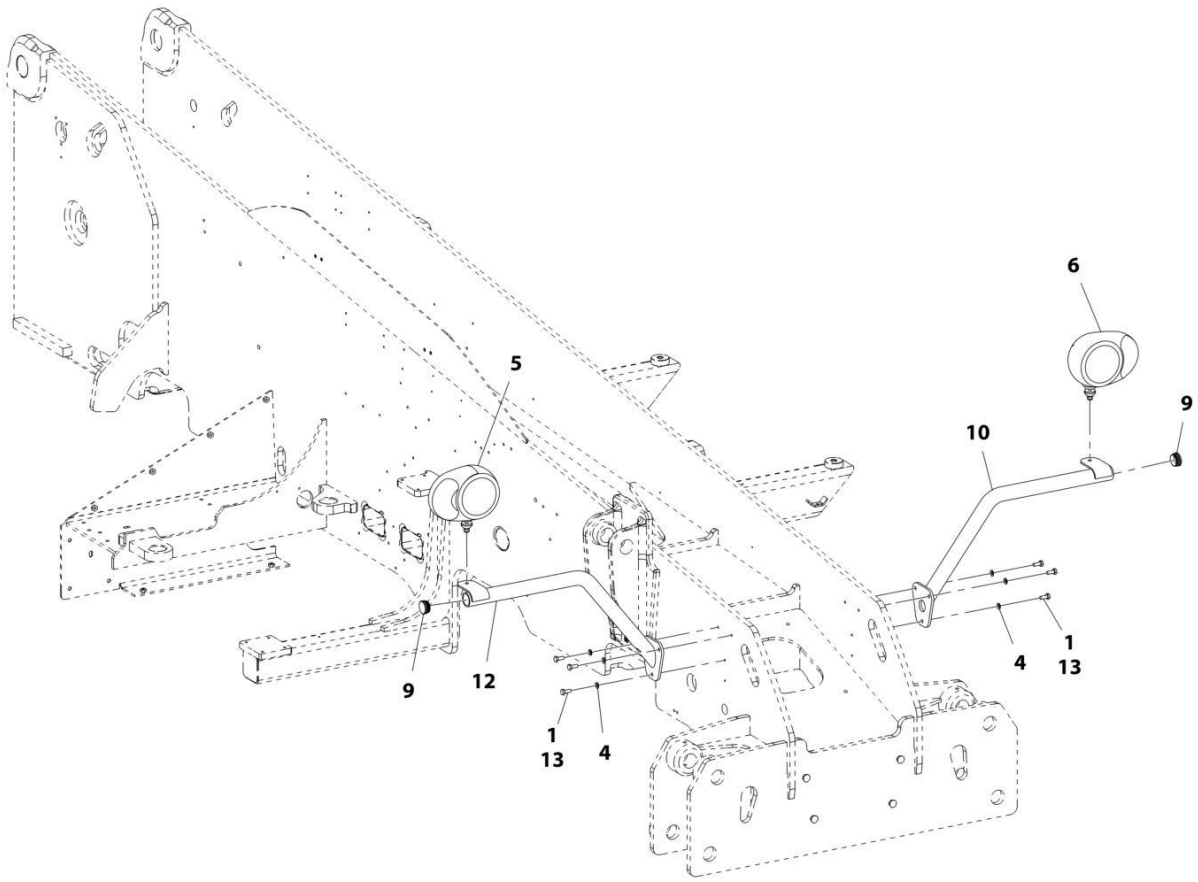


FIGURE 10-42. LIGHTS - DRIVING LIGHTS INSTALLATION (UK/IRELAND)

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. LIGHTS - REAR LIGHTS INSTALLATION

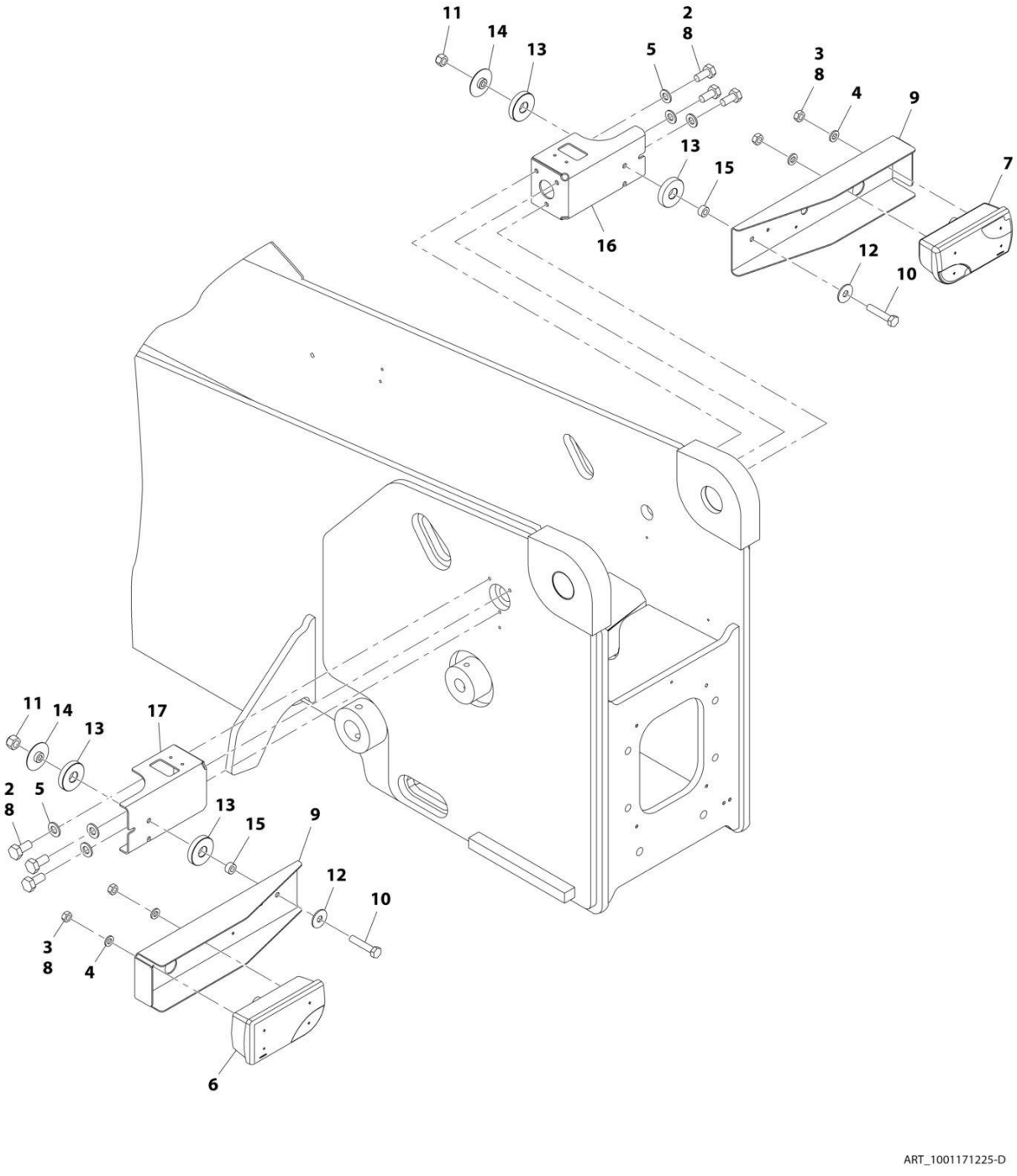


FIGURE 10-43. LIGHTS - REAR LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171225	Ref	Rear Lights Installation	D
2	0761011	6	Bolt, M10X32	
3	3290601	4	Nut, M6	
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 M12	
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. LSI INSTALLATION

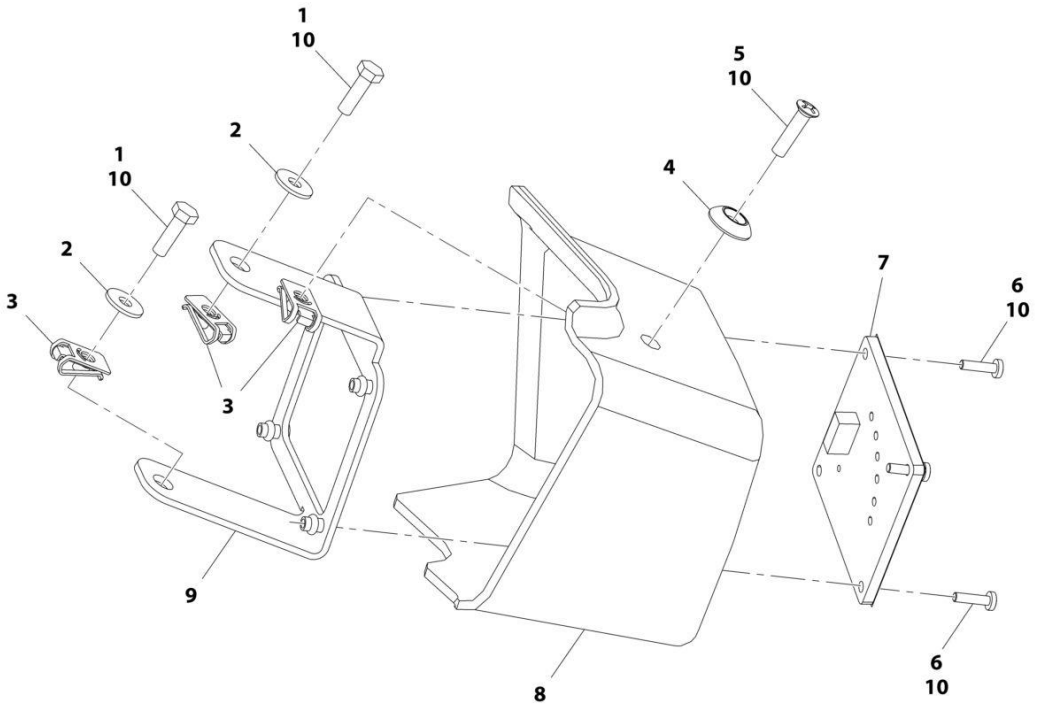


FIGURE 10-44. LSI INSTALLATION

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	1001243216	1	LSI Display Electrical Assembly	
8	1001185733	1	Cover, LSI External	
9	1001145869	1	Bracket, LSI Display Support	
10	1001095650	AR	Compound, Locking	

FIGURE 10-45. LSI SENSOR INSTALLATION

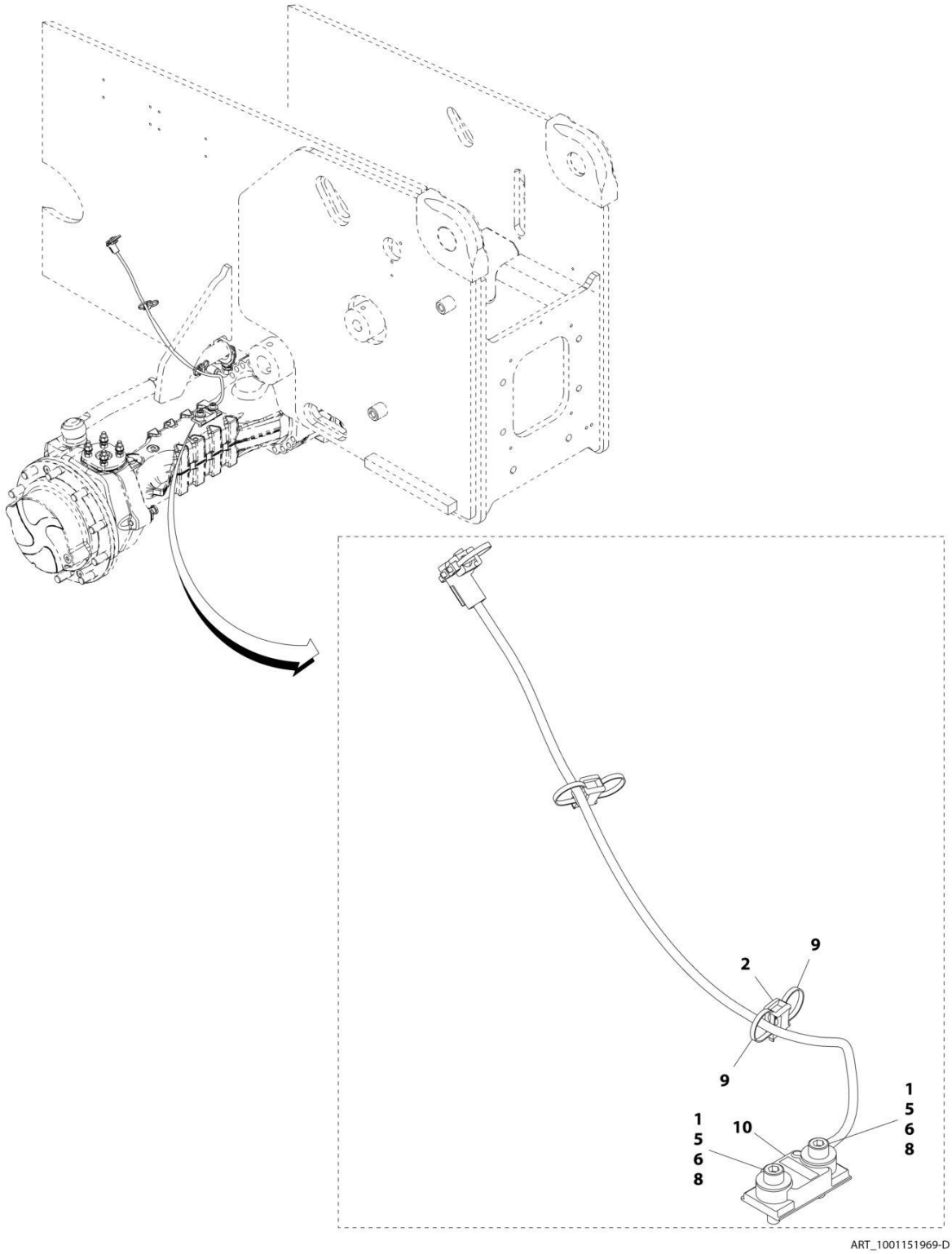


FIGURE 10-45. LSI SENSOR INSTALLATION

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 10-46. OUTRIGGERS DEPLOYED INSTALLATION (4017RS)

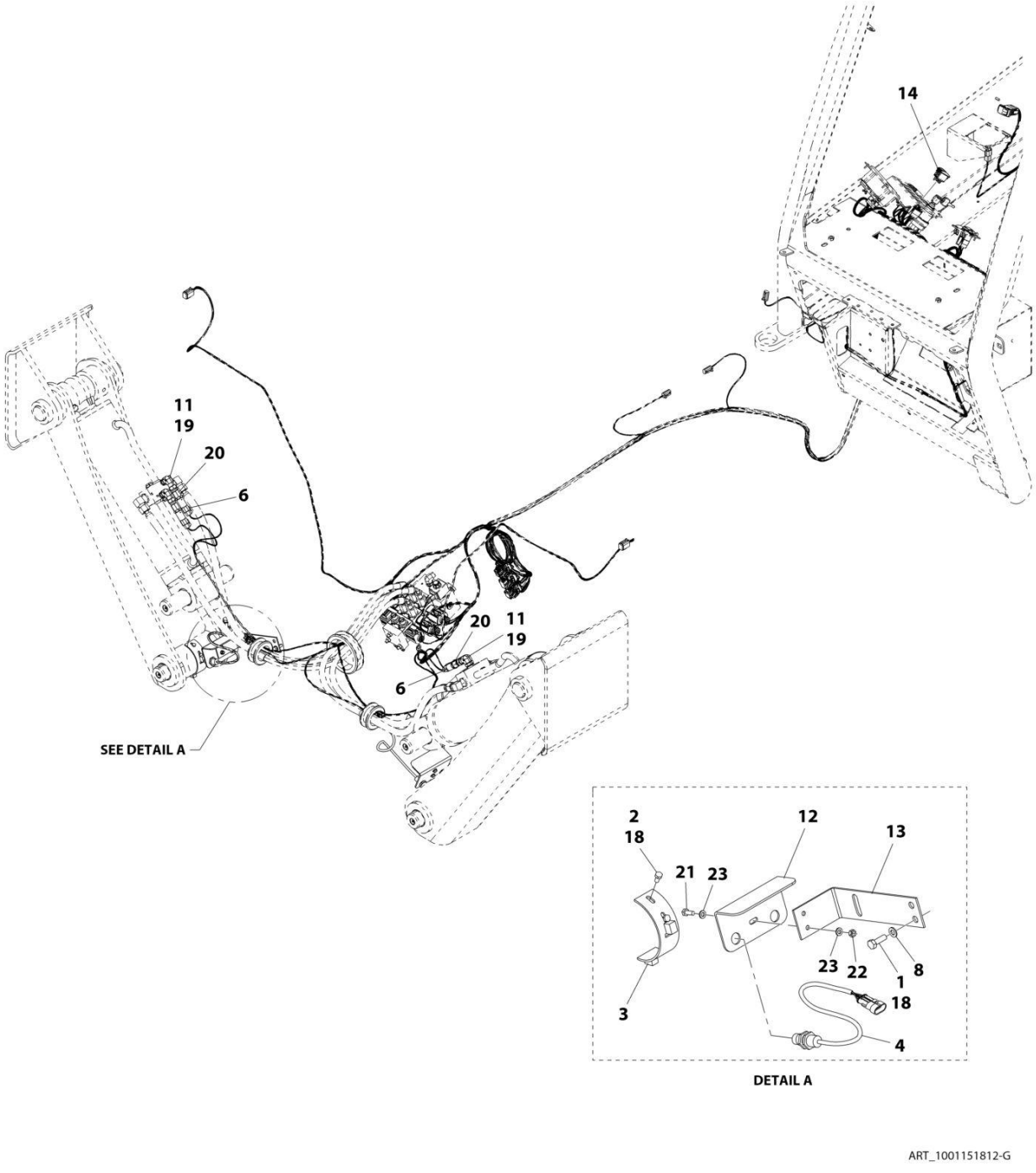


FIGURE 10-46. OUTRIGGERS DEPLOYED INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151812	Ref	Outriggers Deployed Installation	G
1	0760812	4	Bolt, M8X25	
2	0760606	4	Bolt, M6X12	
3	1001238844	2	Bracket	
4	4000017	2	Switch, Proximity	
6	1001199043	2	Switch, Pressure	
8	4811900	4	Washer, M8	
11	1001184365	2	Adapter	
12	1001244647	2	Plate, Switch Cover	
13	1001244645	2	Bracket, Proximity Support	
14	1001241809	1	Lamp, Outriggers Deployed	
16	1001172310	1	Harness, Chassis, Outriggers Deployed (See Separate Breakdown in this Section)	
18	1001095650	AR	Compound, Locking	
19	1001166431	AR	Compound, Locking	
20	1001217078	4	Adapter	
21	0700608	4	Bolt, M6X16	
22	3290601	4	Nut, M6X1	
23	4811700	8	Washer, M6	

FIGURE 10-47. OUTRIGGERS DEPLOYED HARNESS (4017RS)

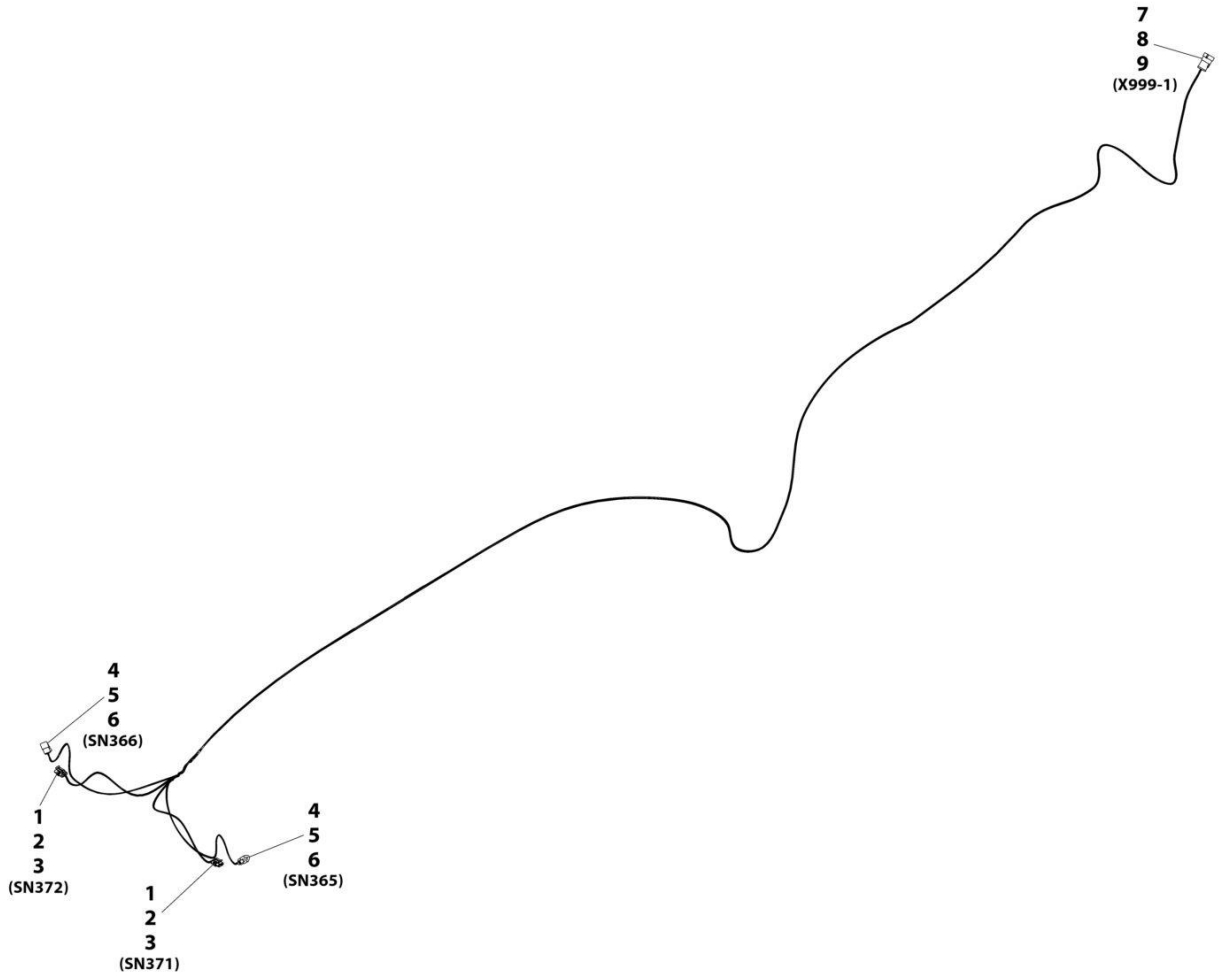


FIGURE 10-47. OUTRIGGERS DEPLOYED HARNESS (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172310	Ref	Outriggers Deployed Harness	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 10-48. RADIO INSTALLATION

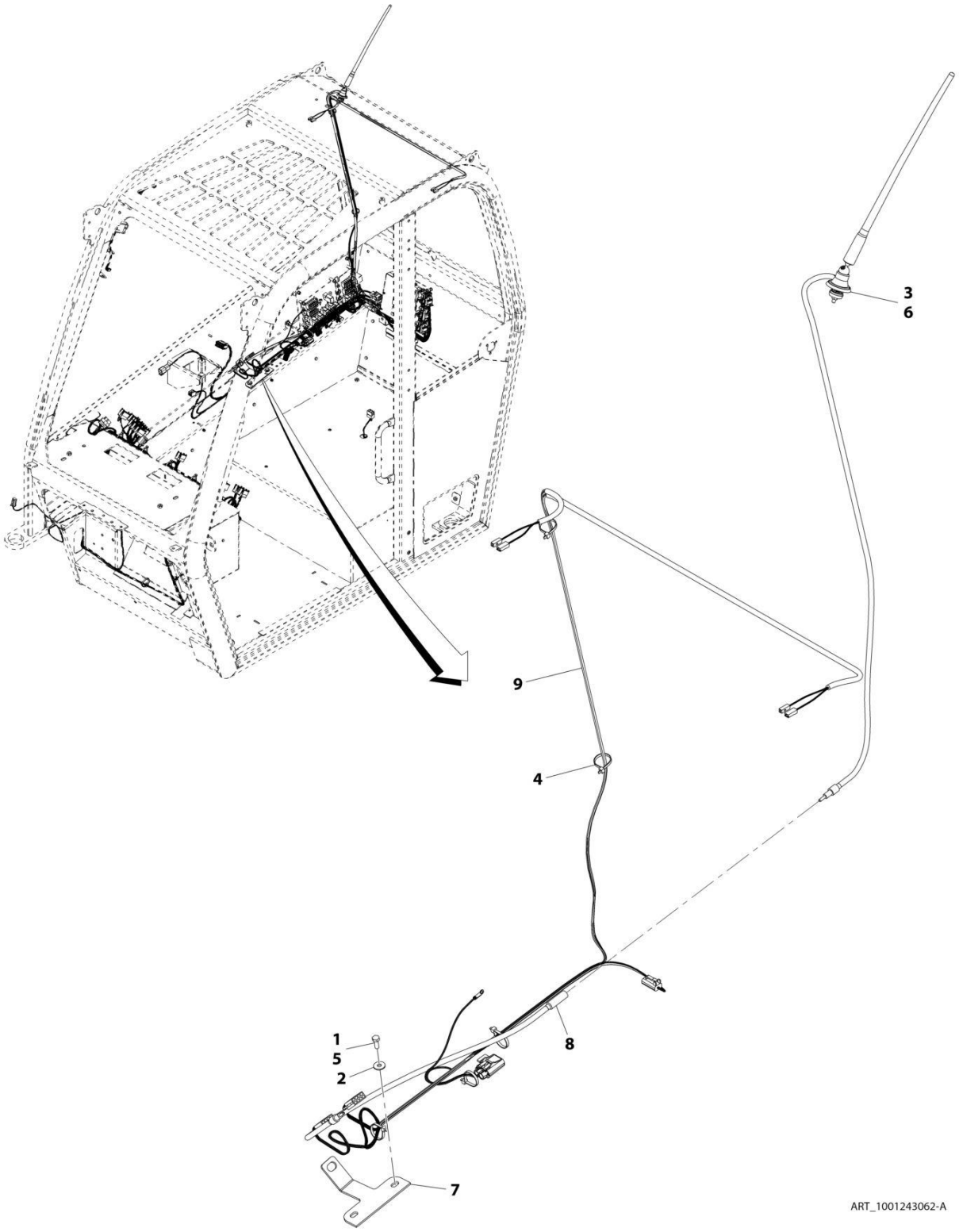


FIGURE 10-48. RADIO INSTALLATION

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 10-49. RADIO HARNESS

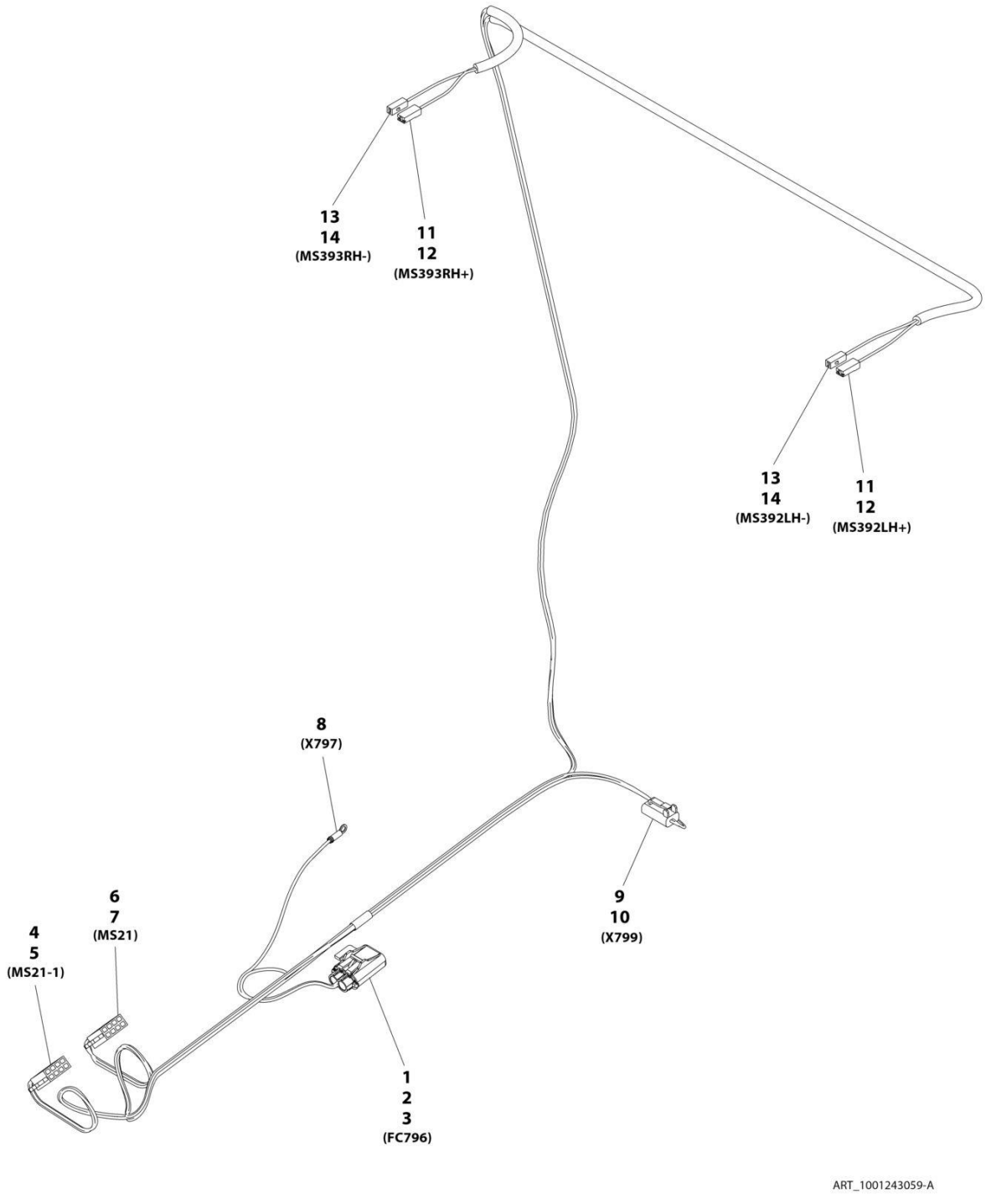


FIGURE 10-49. RADIO HARNESS

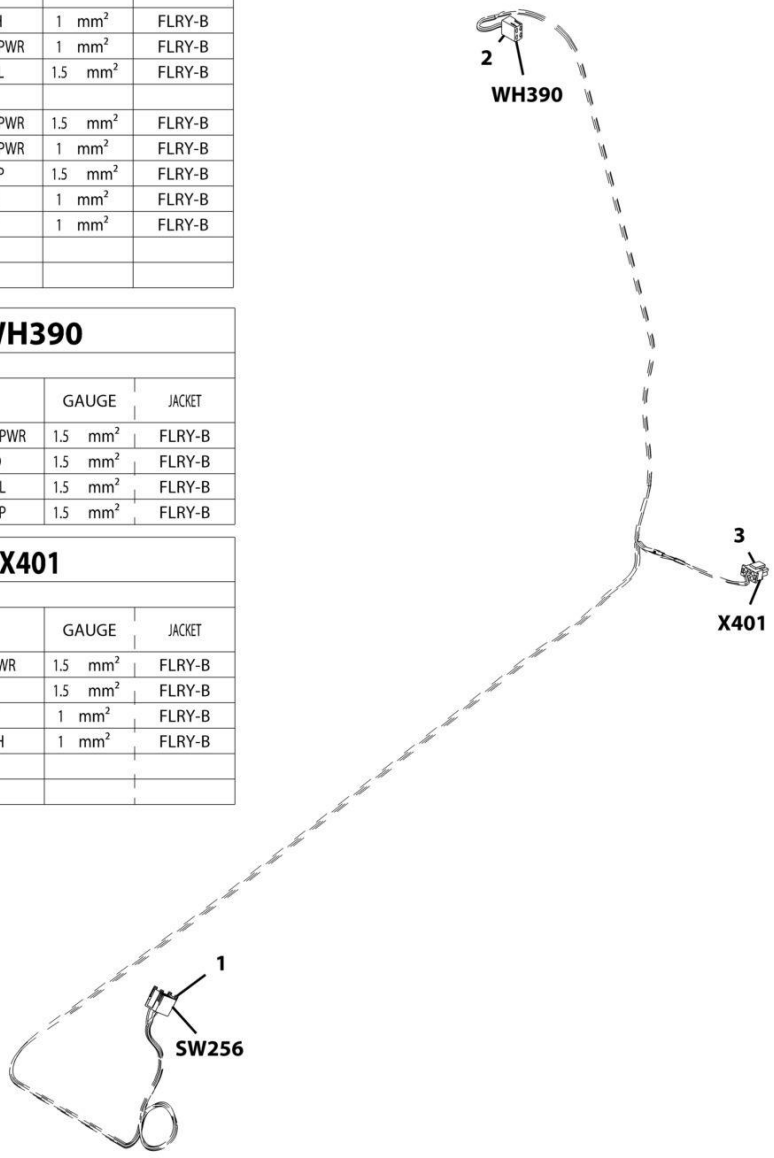
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243059	Ref	Radio Harness	A
1	1001231397	1	Connector	
2	1001231399	2	Terminal	
3	1001231404	2	Seal	
4	1001116985	1	Connector	
5	1001118386	3	Terminal	
6	1001116984	1	Connector	
7	1001118386	4	Terminal	
8	4460247	1	Terminal Ring	
9	4460891	1	Connector	
10	4460942	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 10-50. ROOF WIPER HARNESS

SW256				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	WHT	622 RF WASH	1 mm^2	FLRY-B
2	YEL	222-3 RF WIPE PWR	1 mm^2	FLRY-B
2	WHT	620 RF WIPE L	1.5 mm^2	FLRY-B
3				
4	YEL	222-2 RF WIPE PWR	1.5 mm^2	FLRY-B
5	YEL	222-3 RF WIPE PWR	1 mm^2	FLRY-B
6	WHT	621 RF WIPE P	1.5 mm^2	FLRY-B
7	BLK	055-2 GND	1 mm^2	FLRY-B
8	WHT	428 SW LT	1 mm^2	FLRY-B
9				
10				

WH390				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	222-1 RF WIPE PWR	1.5 mm^2	FLRY-B
2	BLK	055-1 GND	1.5 mm^2	FLRY-B
3	WHT	620 RF WIPE L	1.5 mm^2	FLRY-B
4	WHT	621 RF WIPE P	1.5 mm^2	FLRY-B

X401				
CONN POS	WIRE COLOR	WIRE LABEL	GAUGE	JACKET
1	YEL	222 RF WIPE PWR	1.5 mm^2	FLRY-B
2	BLK	055 GND	1.5 mm^2	FLRY-B
3	WHT	428 SW LT	1 mm^2	FLRY-B
4	WHT	622 RF WASH	1 mm^2	FLRY-B
5				
6				



ART_1001146677-B

FIGURE 10-50. 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	

SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. DECAL LOCATION INSTALLATION (ULS)

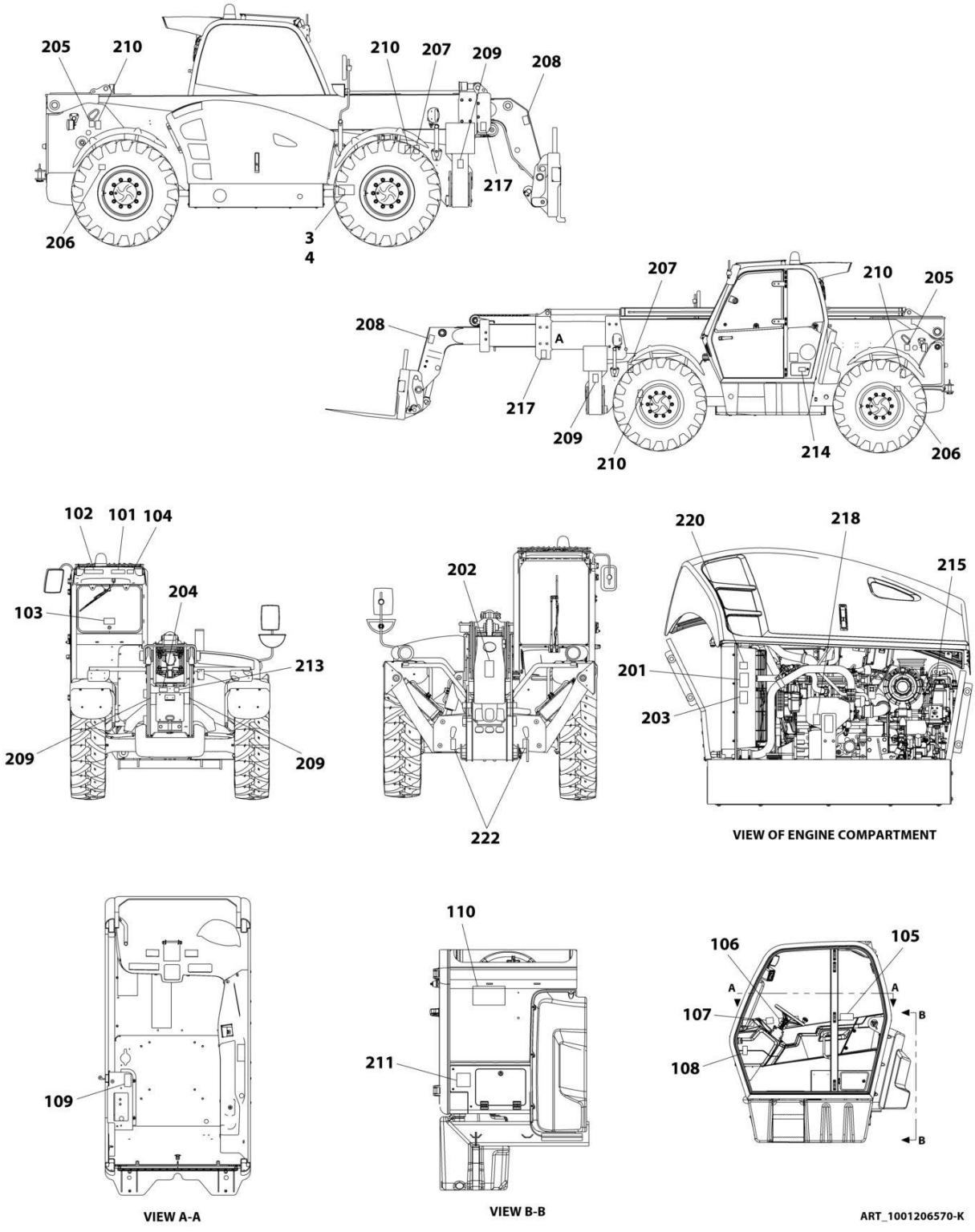


FIGURE 11-1. DECAL LOCATION INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206570	Ref	Decal Location Installation (ULS)	K
3	1001009178	4	Tack, Metal	
4	N.S.S.	1	S/N Plate	
	1001250626	Ref	Decal Group (Cab)	A
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	
	1001247162	Ref	Decal Group	A
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	1	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	2	Decal, Retrieval Point	

SECTION 11 - DECALS

FIGURE 11-2. DECAL LOCATION INSTALLATION (LS)

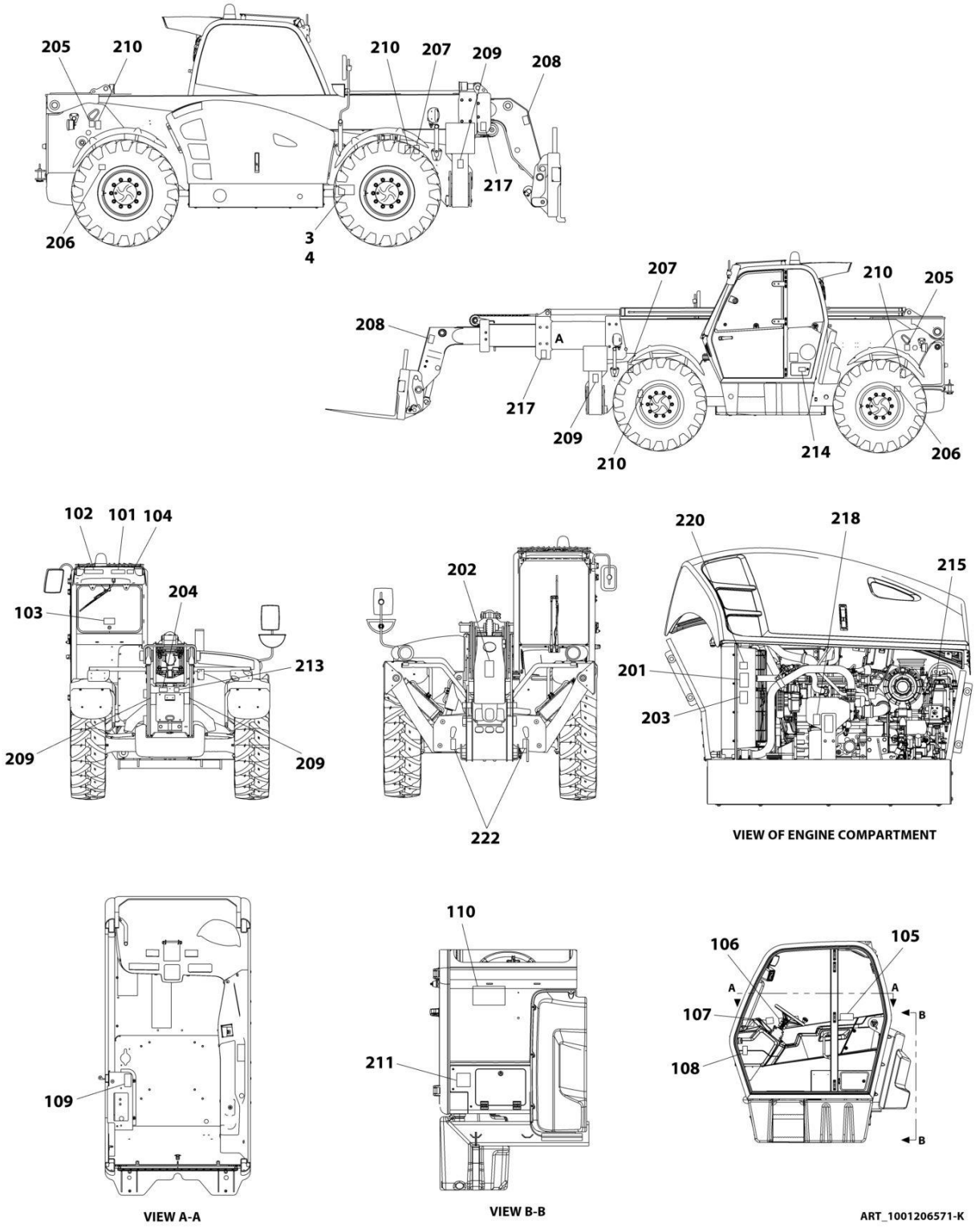


FIGURE 11-2. DECAL LOCATION INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206571	Ref	Decal Location Installation (LS)	J
3	1001009178	4	Tack, Metal	
4	N.S.S.	1	S/N Plate	
	1001250626	Ref	Decal Group (Cab)	A
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	
	1001247162	Ref	Decal Group	A
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	1	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	2	Decal, Retrieval Point	

FIGURE 11-3. JOYSTICK DECAL INSTALLATION, BUCKET

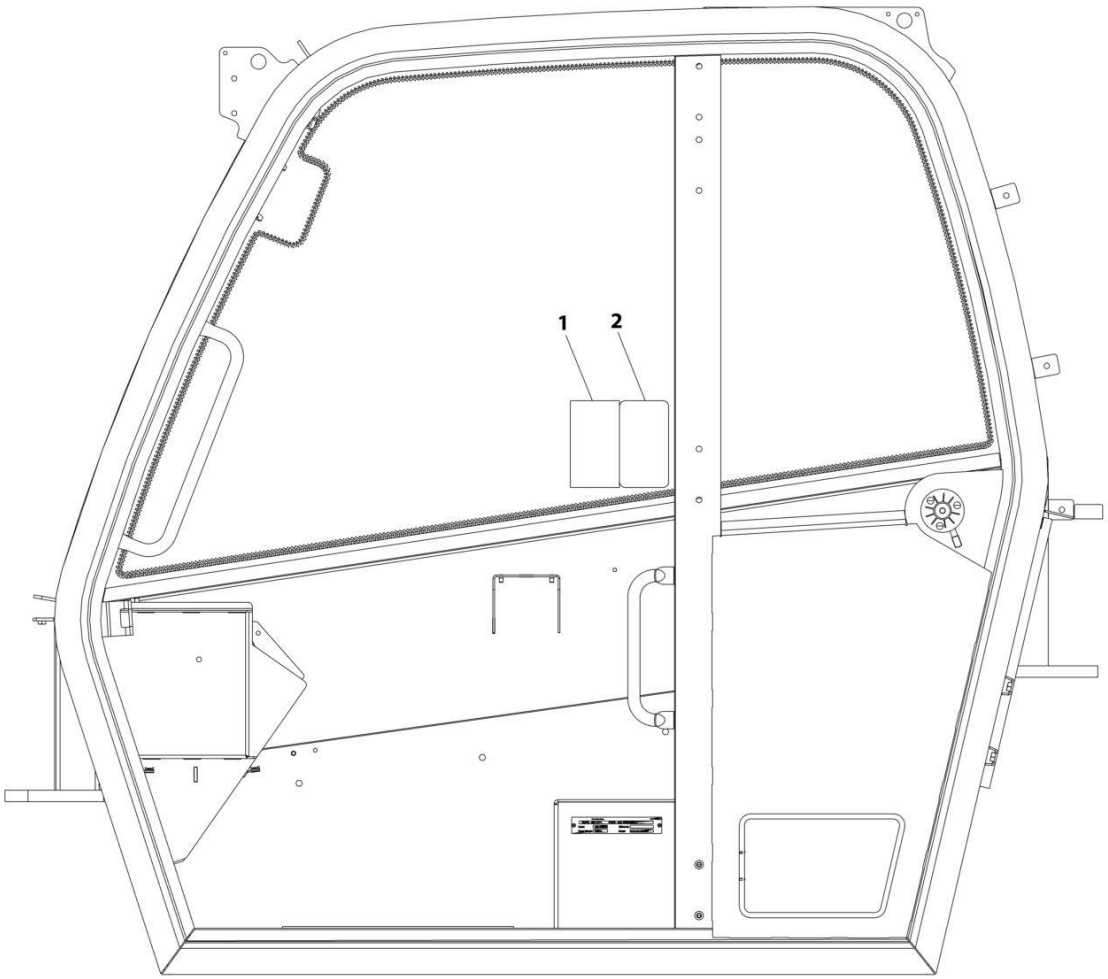


FIGURE 11-3. JOYSTICK DECAL INSTALLATION, BUCKET

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 11-4. JOYSTICK DECAL INSTALLATION, FORK

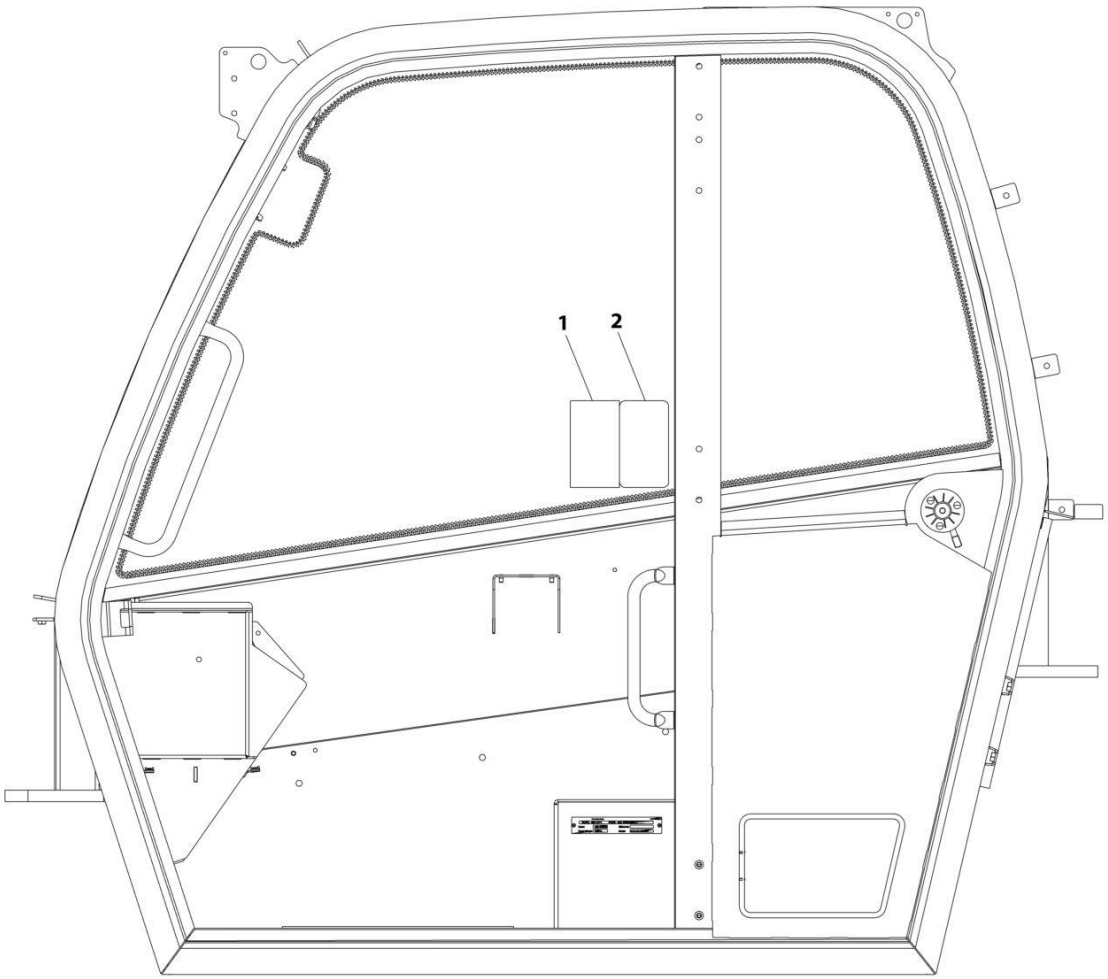
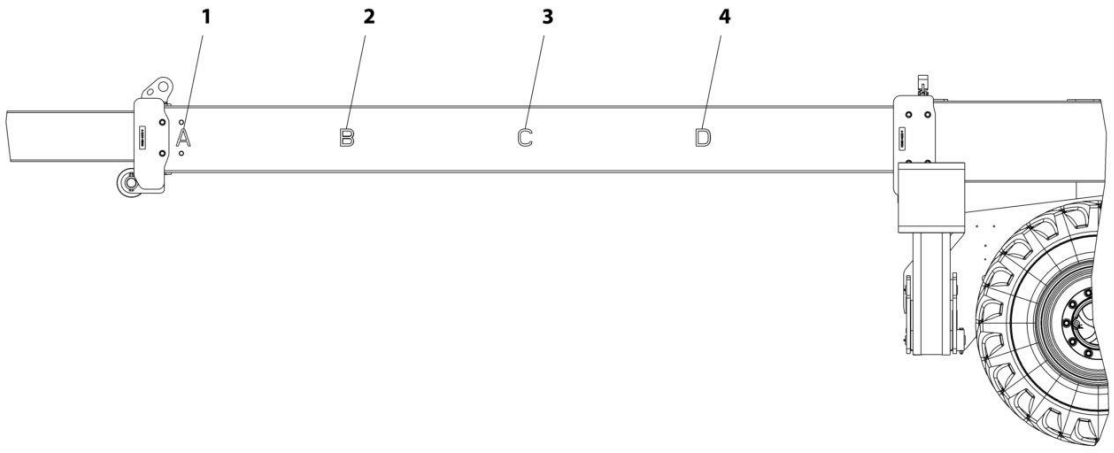


FIGURE 11-4. JOYSTICK DECAL INSTALLATION, FORK

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 11-5. BOOM DECAL INSTALLATION



ART_1001171798-A

FIGURE 11-5. 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 11-6. SOUND PLATE INSTALLATION, 74KW (106DB)

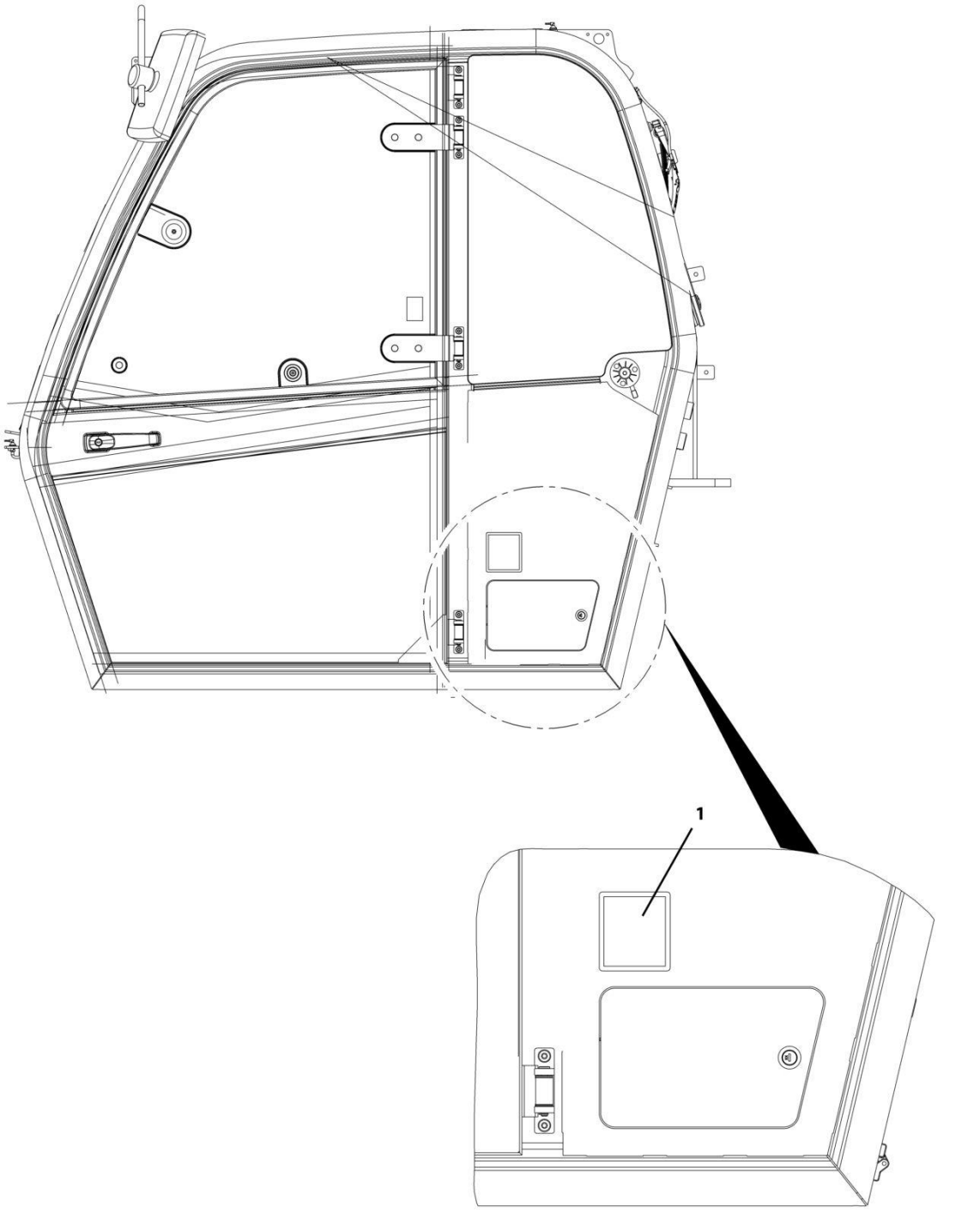


FIGURE 11-6. SOUND PLATE INSTALLATION, 74KW (106DB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145659	Ref	Sound Plate Installation, 74KW (106DB)	A
1	1705980	1	Decal, Acoustic Power 106db	

FIGURE 11-7. SOUND PLATE INSTALLATION, 55KW (104DB)

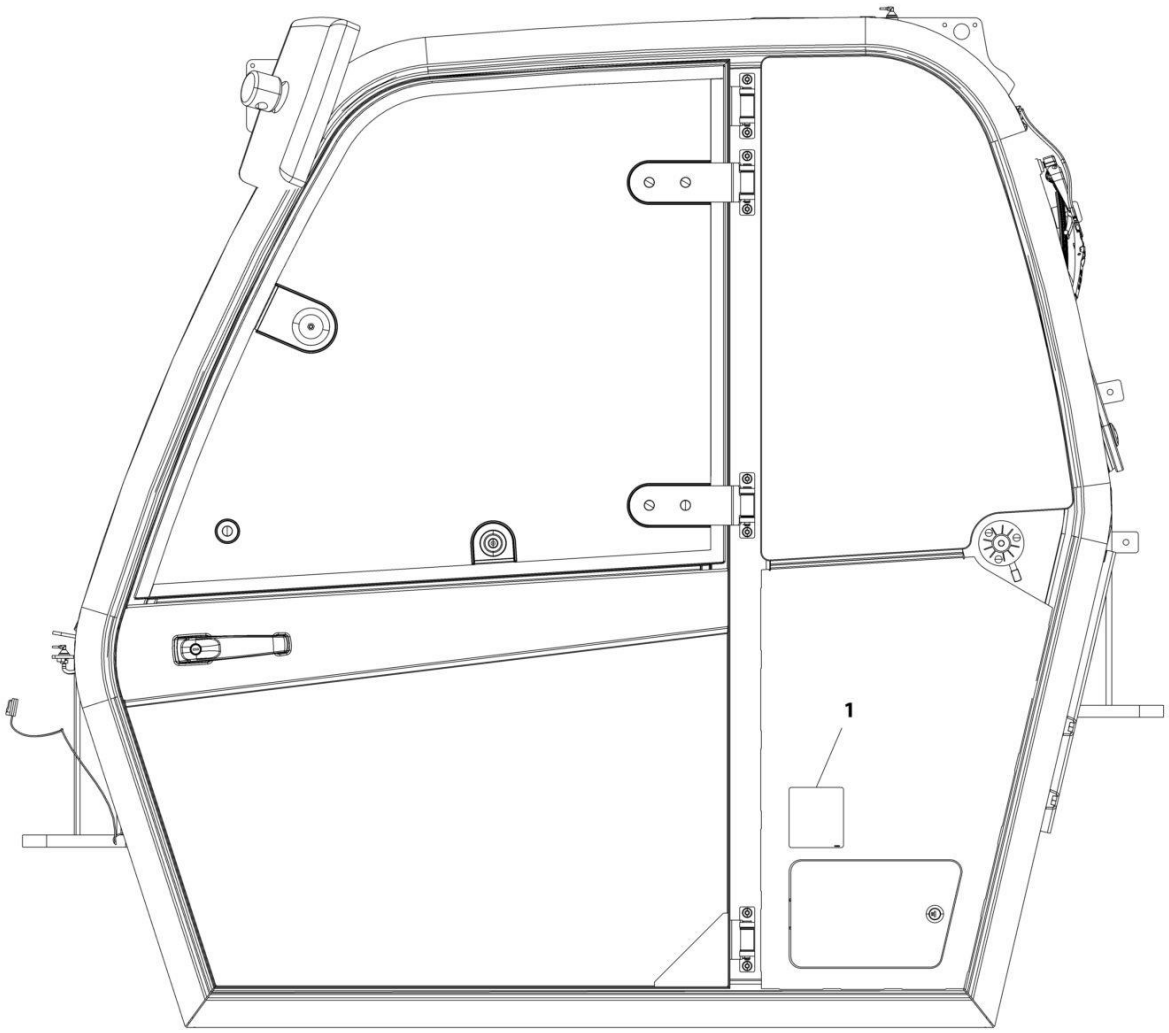
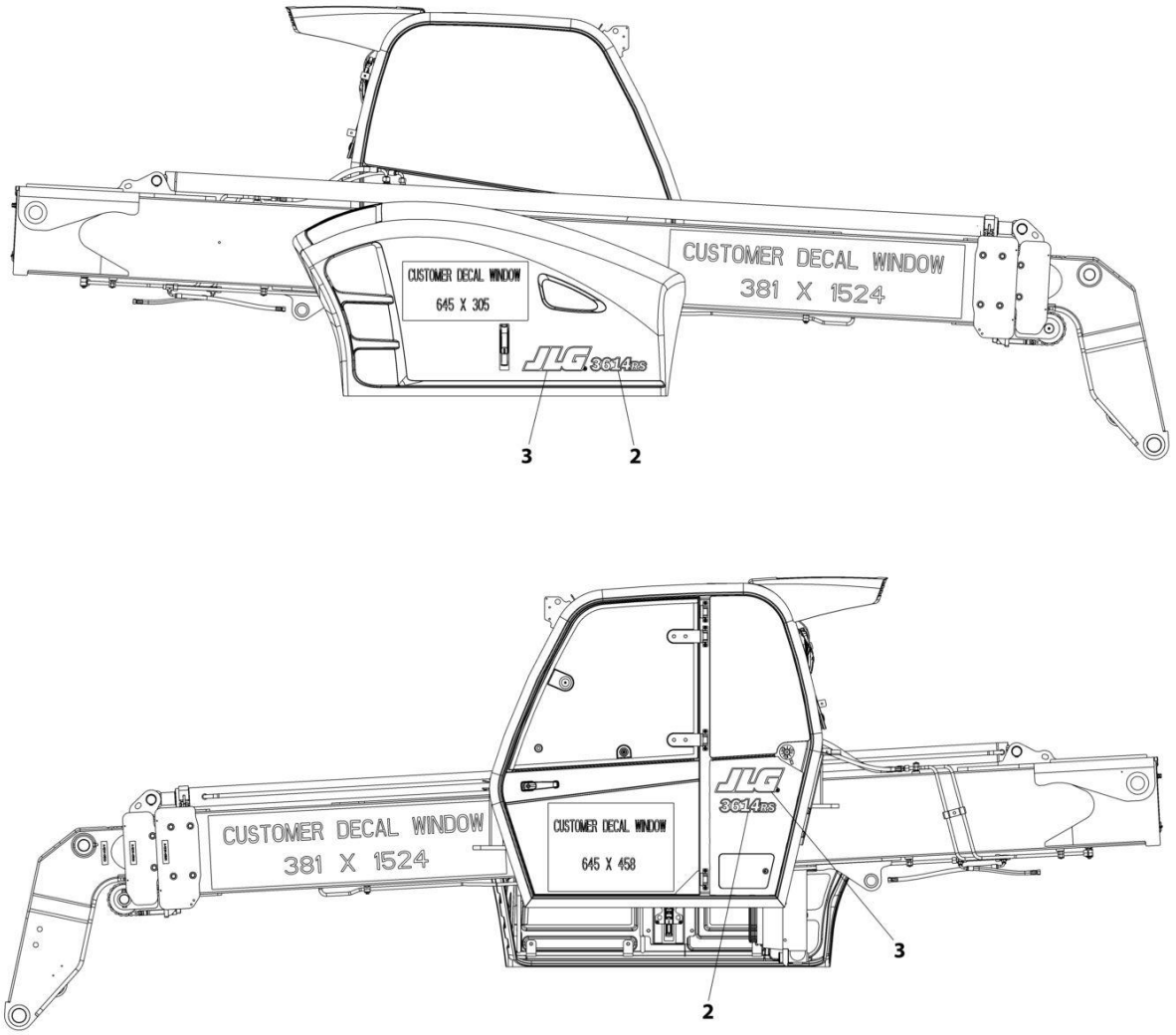


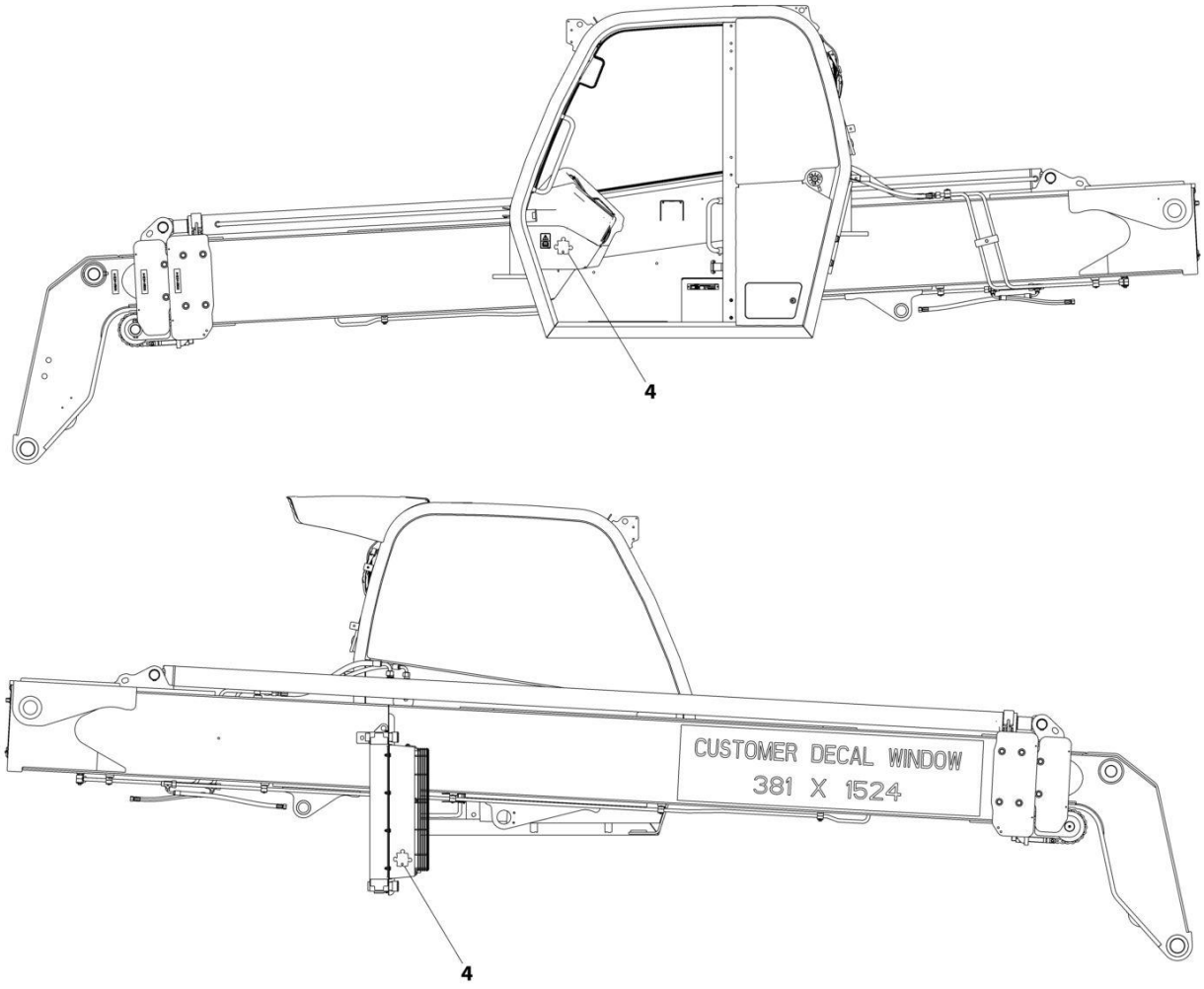
FIGURE 11-7. SOUND PLATE INSTALLATION, 55KW (104DB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191880	Ref	Sound Plate Installation, 55KW (104DB)	A
1	8007508	1	Decal, Acoustic Power 104dB	

FIGURE 11-8. DECAL INSTALLATION (3614RS)



ART_1001160051_1-D

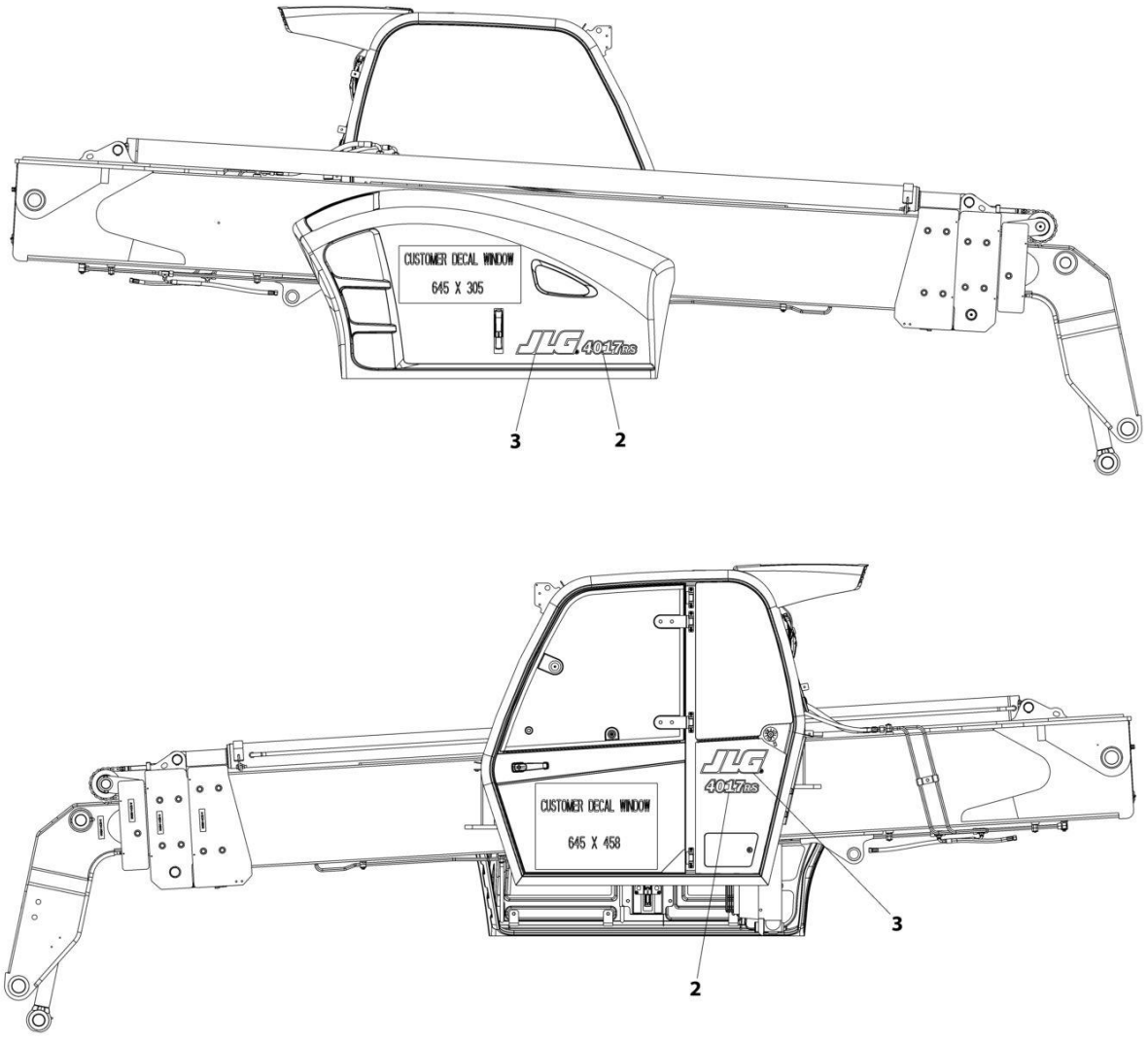


ART_1001160051_2-D

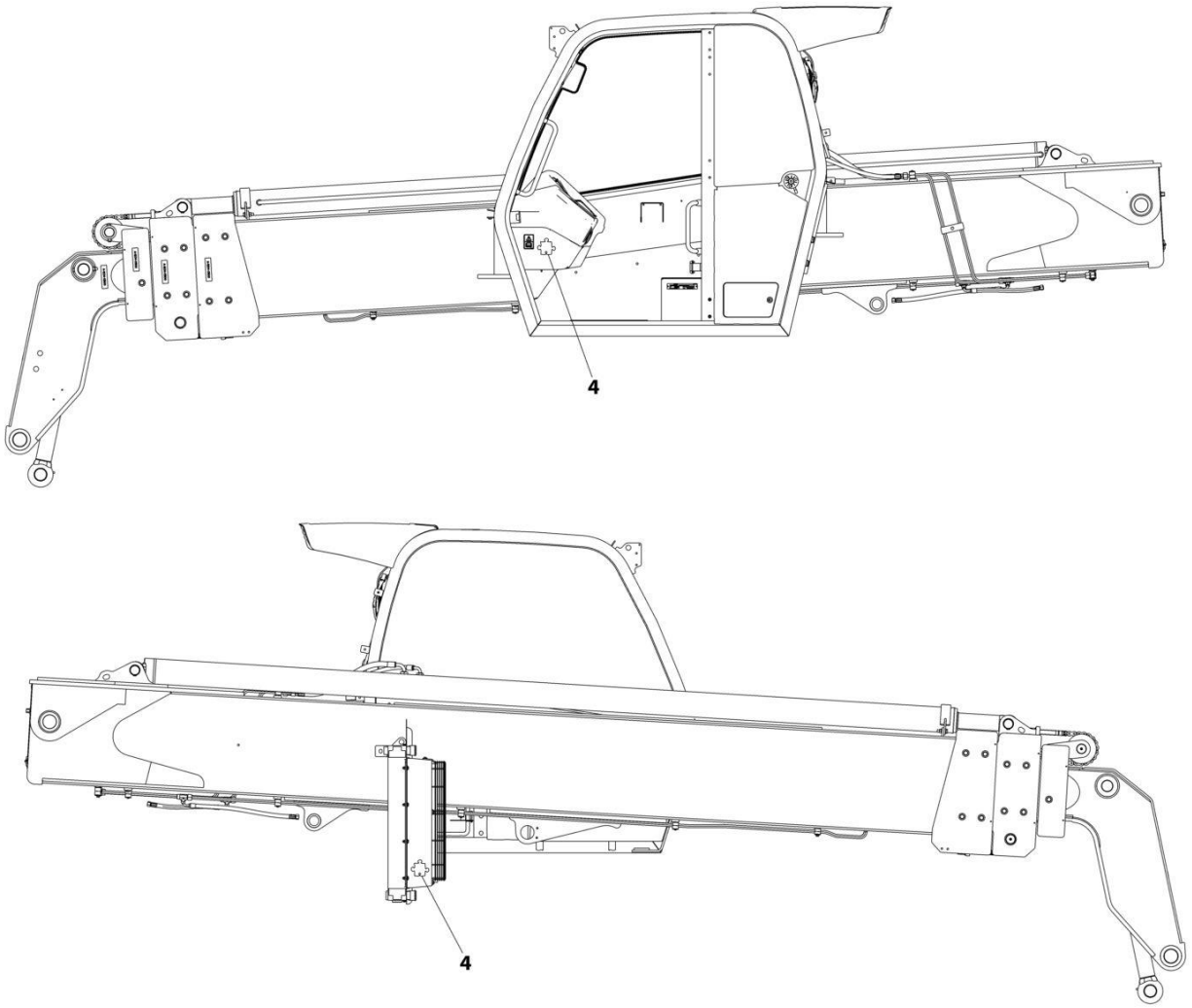
FIGURE 11-8. DECAL INSTALLATION (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160051	Ref	JLG Decal Installation	D
2	1001159729	2	Decal, Model	
3	1001160775	2	Decal, JLG	
4	1001165280	2	Decal, Ground Support	

FIGURE 11-9. DECAL INSTALLATION (4017RS)



ART_1001160052_1-D



ART_1001160052_2-D

FIGURE 11-9. DECAL INSTALLATION (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160052	Ref	JLG Decal Installation	D
2	1001160049	2	Decal, Model	
3	1001160775	2	Decal, JLG	
4	1001165280	2	Decal, Ground Support	

FIGURE 11-10. BOOM DECAL INSTALLATION

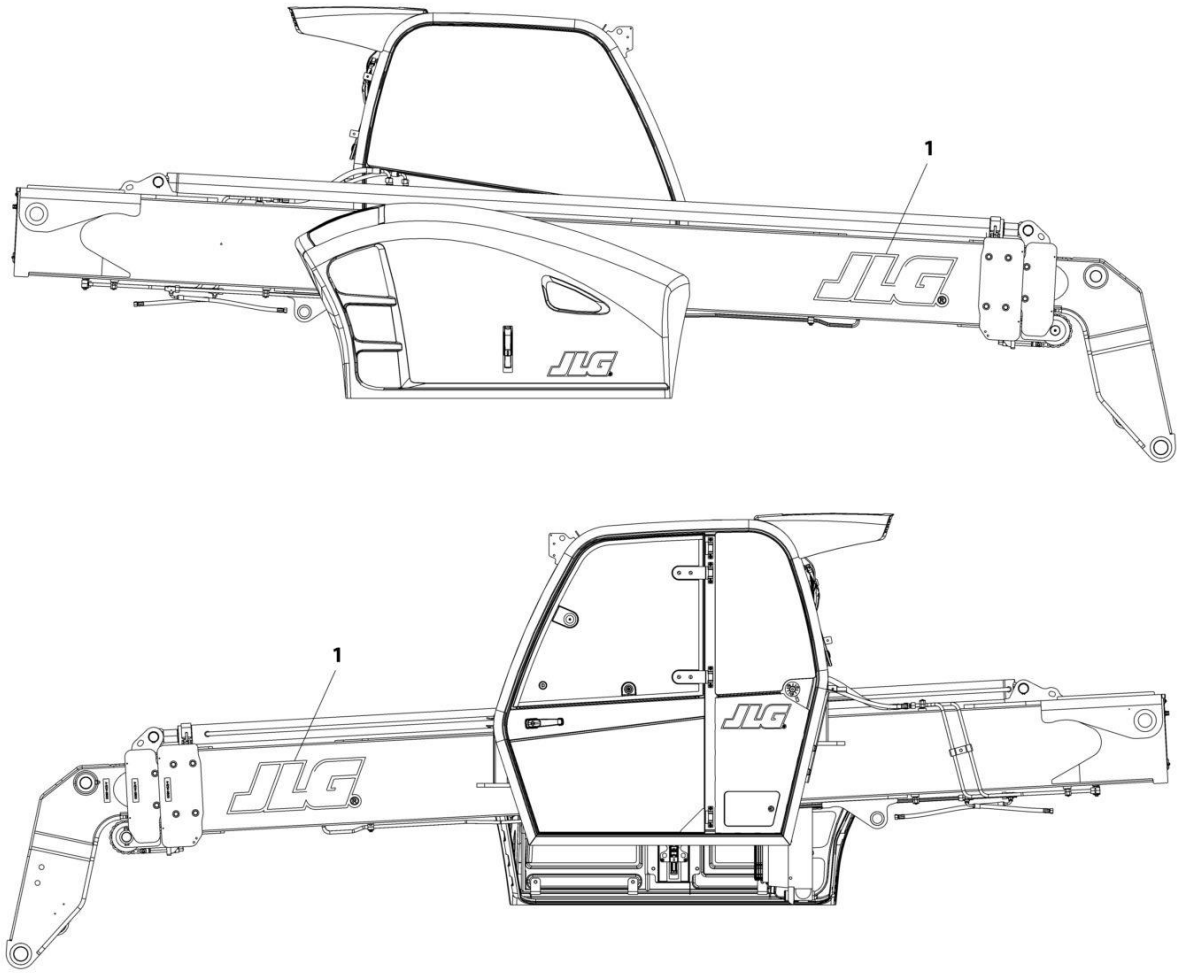


FIGURE 11-10. BOOM DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219806	Ref	Decal Boom Installation	A
1	1001159728	2	Decal, JLG Logo	

FIGURE 11-11. BOOM DECAL INSTALLATION WITH CUSTOMER WINDOW

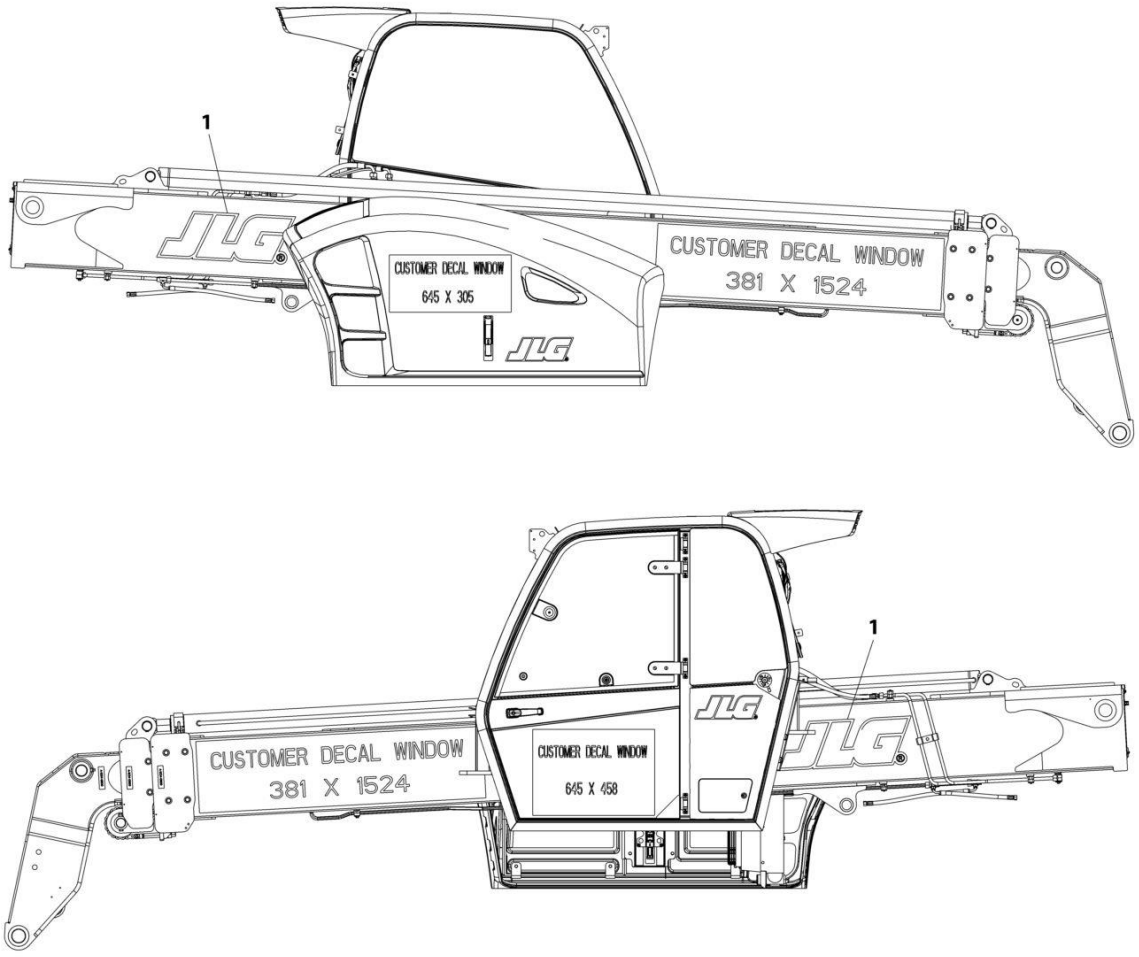


FIGURE 11-11. BOOM DECAL INSTALLATION WITH CUSTOMER WINDOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219805	Ref	Decal Boom Installation with Customer Window	A
1	1001159728	2	Decal, JLG Logo	

FIGURE 11-12. BOOM POSITION DECAL INSTALLATION (UK)

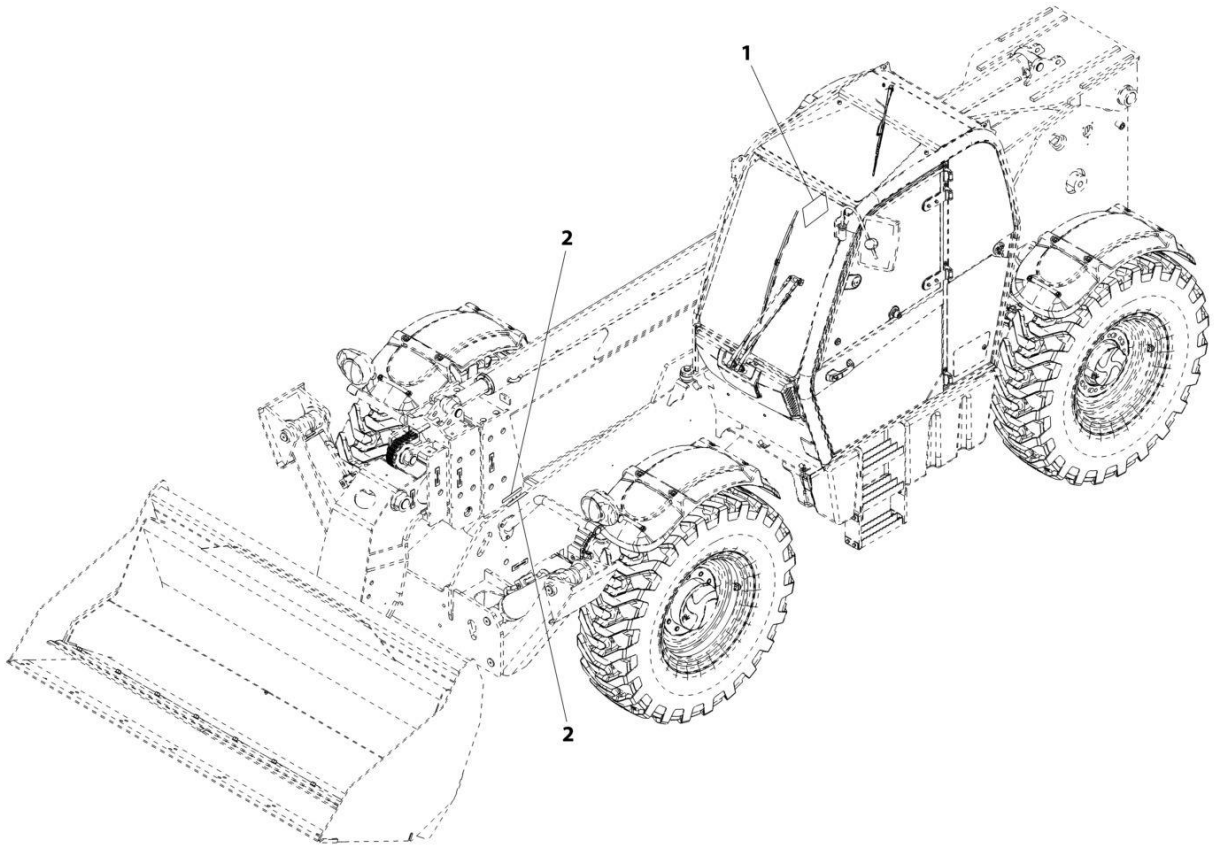


FIGURE 11-12. BOOM POSITION DECAL INSTALLATION (UK)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217133	Ref	Boom Position Installation (UK)	B
1	1001217134	1	Decal, German Homologation	
2	1001217135	2	Decal, Boom Position Mark	

FIGURE 11-13. CLEARSKY DECAL INSTALLATION

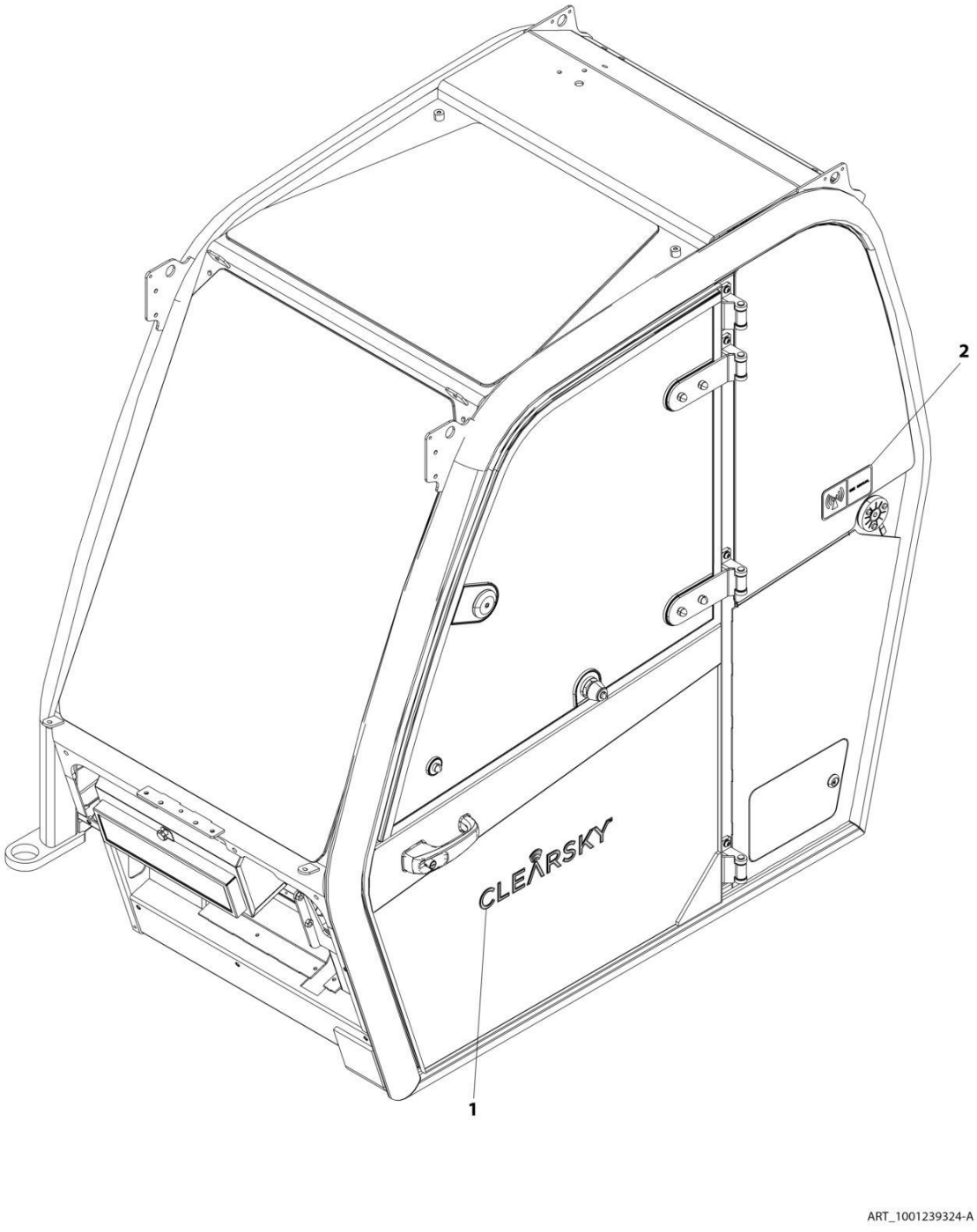


FIGURE 11-13. CLEARSKY DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239324	Ref	Clearsky Decal Installation	A
1	1001116208	1	Decal, Clearsky	
2	1001120989	1	Decal, Radio Frequency	

FIGURE 11-14. CONSTRUCTION INSTALLATION (GERMANY) (3614RS)

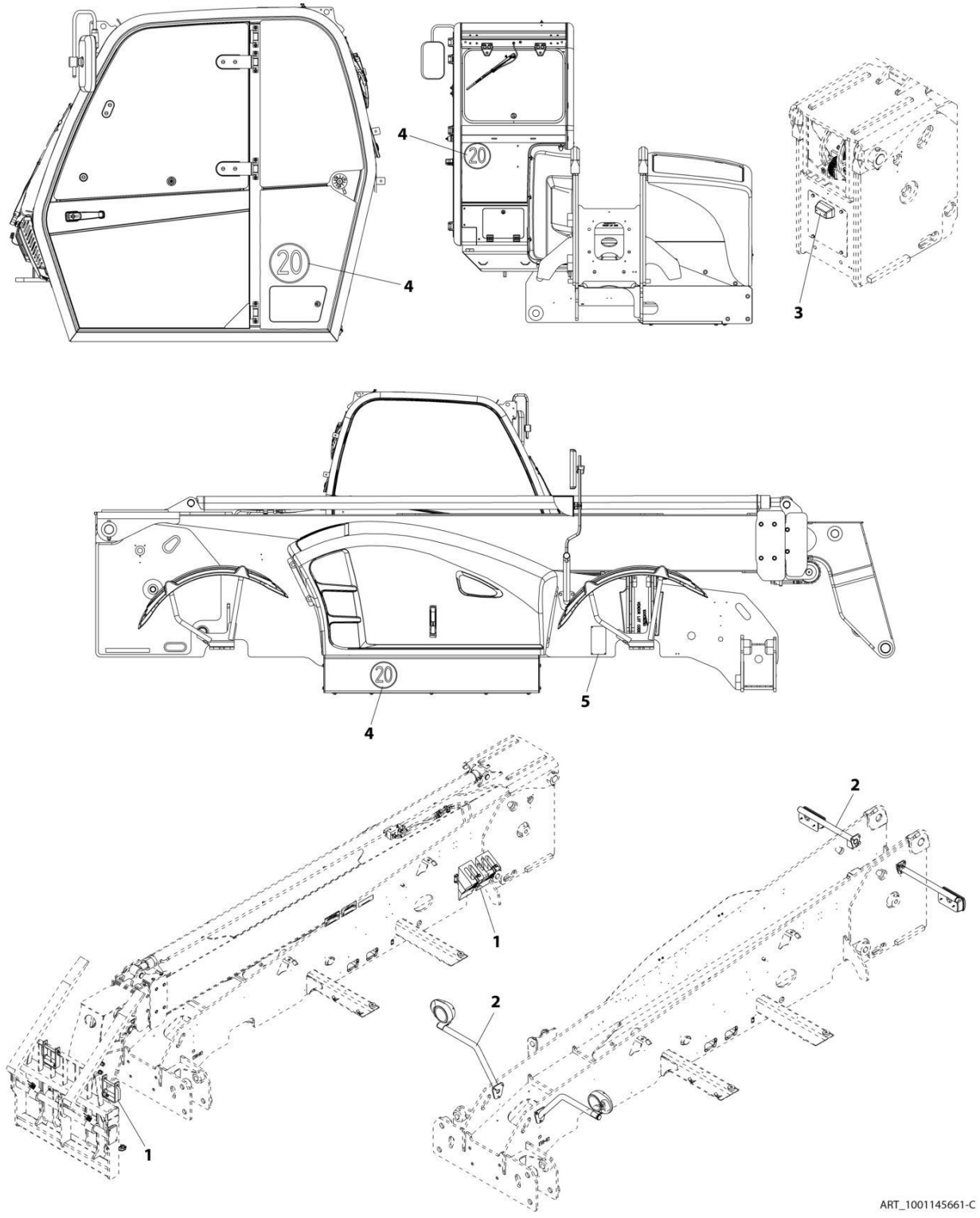


FIGURE 11-14. CONSTRUCTION INSTALLATION (GERMANY) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145661	Ref	Construction Installation (Germany)	D
1	1001158110	1	Installation, Homologation (See Separate Breakdown in this Section)	
2	1001146491	1	Installation, Driving Lights (Germany and CE) (See Separate Breakdown in ELECTRICAL Section)	
3	1001143959	1	Installation, License Plate (See Separate Breakdown in FRAME AND ATTACHING PARTS Section)	
4	1001158111	1	Installation, 20KPH Decals (See Separate Breakdown in this Section)	
5	1001158112	1	Installation, Homologation Plate (See Separate Breakdown in this Section)	
6	N.S.S.	1	Chart, German Homologation (not shown)	
7	N.S.S.	1	Chart, 20KPH Configuration (not shown)	
8	1001197671	1	Installation, Homologation Warning (not shown) (See Separate Breakdown in this Section)	
9	1001214963	1	Installation, Sunvisor (not shown) (See Separate Breakdown in this Section)	

FIGURE 11-15. CONSTRUCTION INSTALLATION (UK/IRELAND)

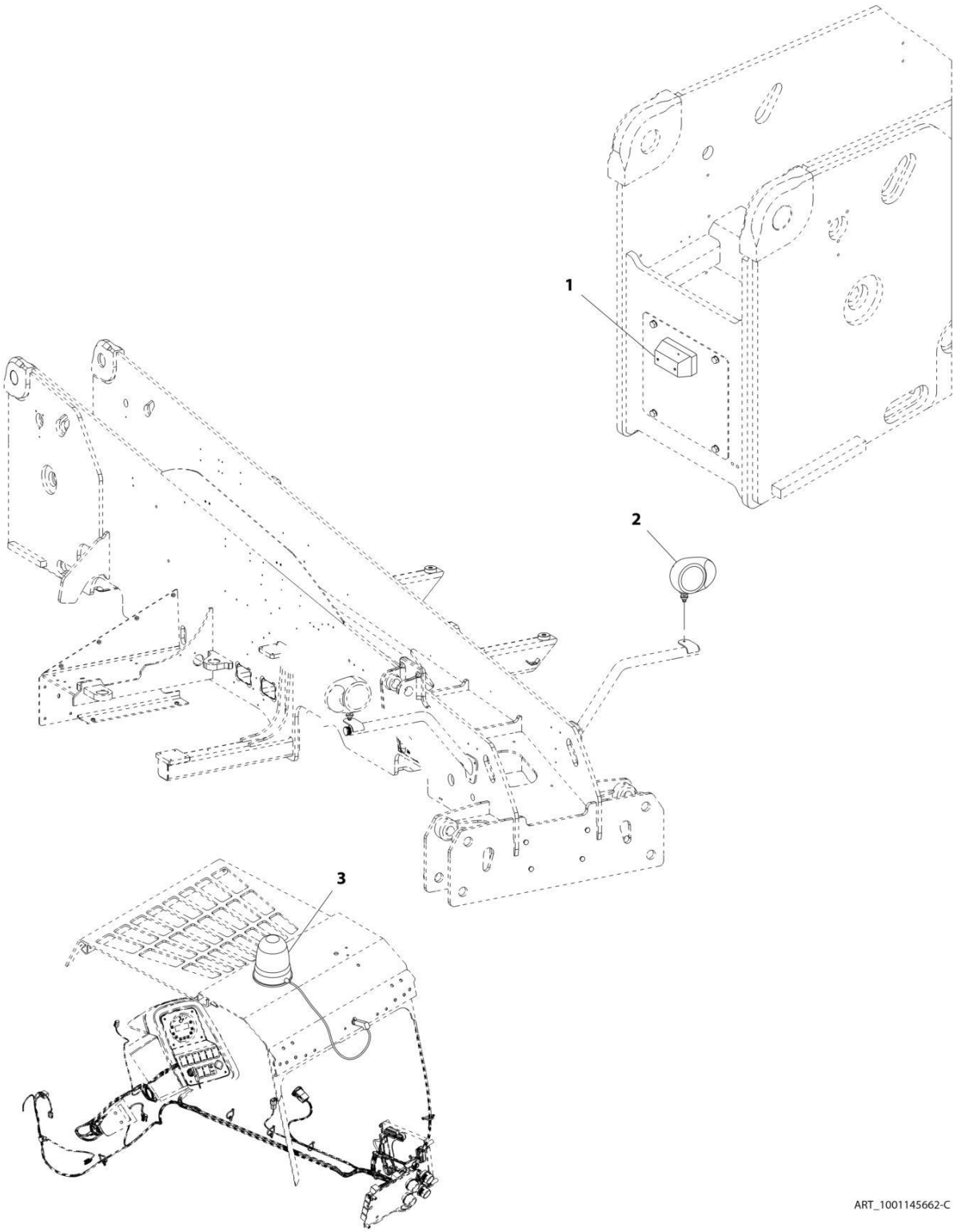


FIGURE 11-15. CONSTRUCTION INSTALLATION (UK/IRELAND)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145662	Ref	Construction Installation (UK/Ireland)	C
1	1001143959	Ref	License Plate Installation (See Separate Breakdown in FRAME AND ATTACHING PARTS Section	C
2	1001144110	Ref	Driving Lights Installation (See Separate Breakdown in ELECTRICAL Section)	E
3	1001146674	Ref	Beacon Installation (See Separate Breakdown in ELECTRICAL Section)	B

FIGURE 11-16. CONSTRUCTION INSTALLATION (CE)

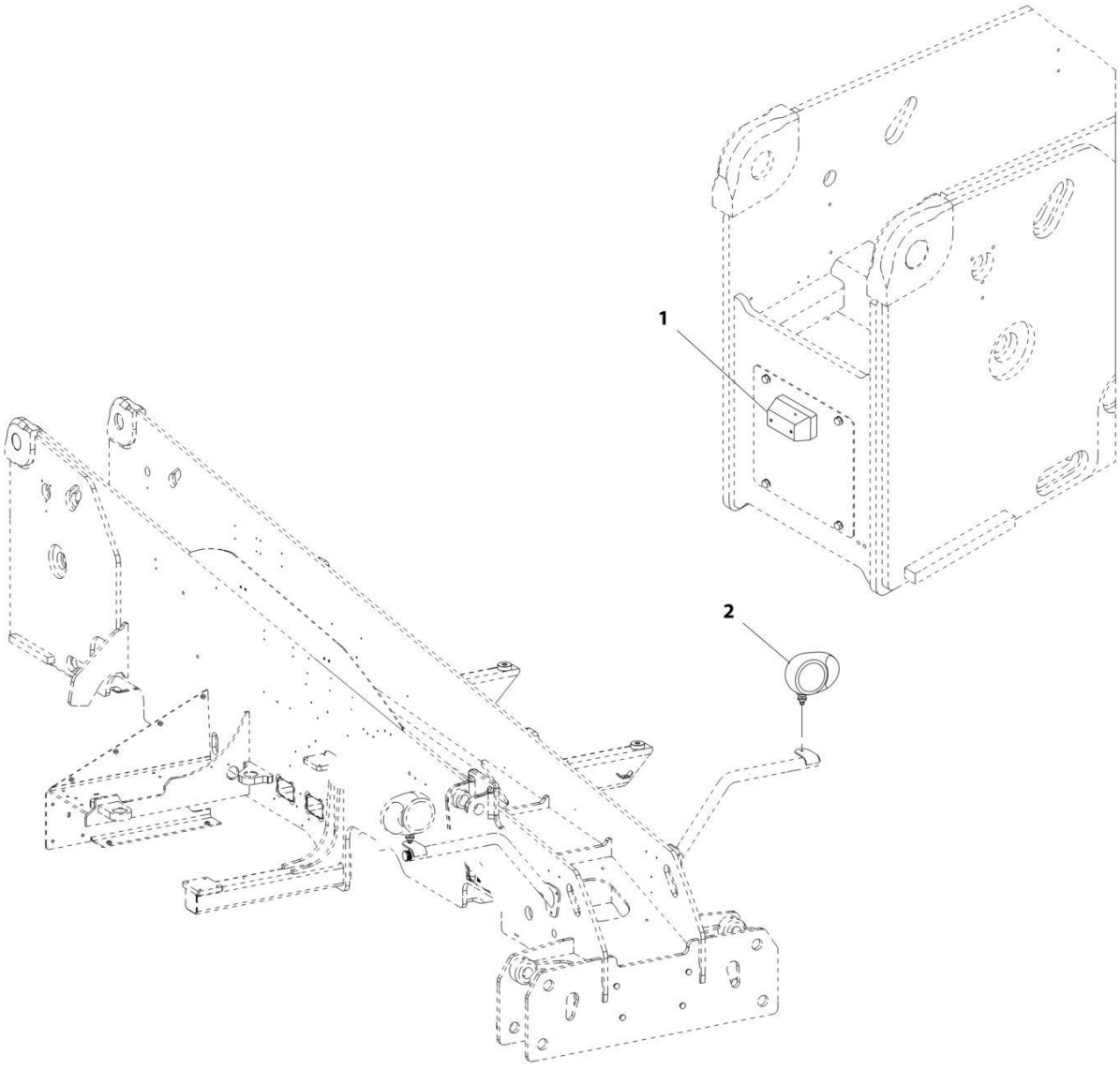


FIGURE 11-16. CONSTRUCTION INSTALLATION (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145663	Ref	Construction Installation (CE)	C
1	1001143959	Ref	License Plate Installation (See Separate Breakdown in FRAME AND ATTACHING PARTS Section	C
2	1001146491	Ref	Driving Lights Installation (See Separate Breakdown in ELECTRICAL Section)	E

FIGURE 11-17. CONSTRUCTION INSTALLATION (FRANCE)

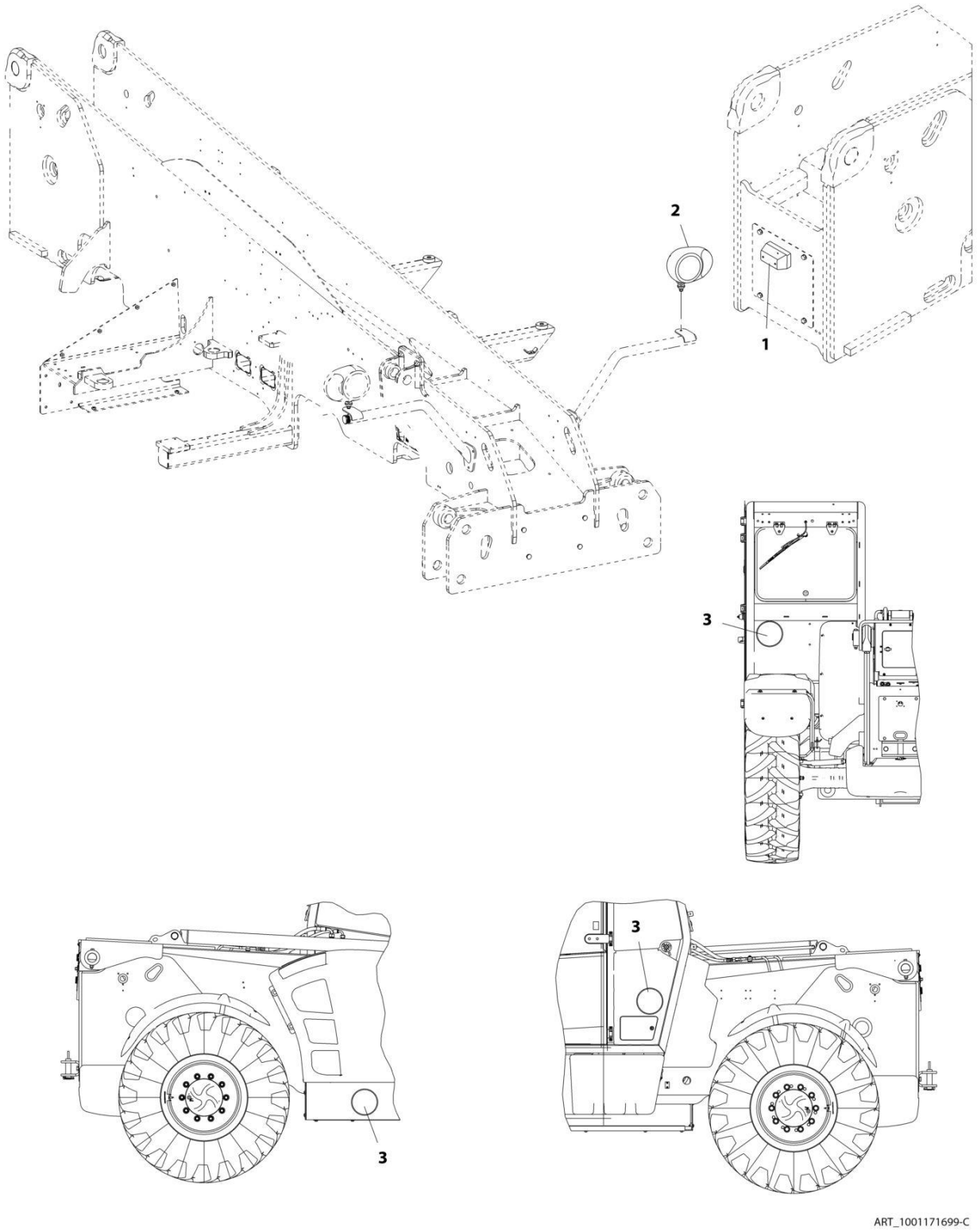


FIGURE 11-17. CONSTRUCTION INSTALLATION (FRANCE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171699	Ref	Construction Installation (France)	C
1	1001146491	Ref	Driving Lights Installation (See Separate Breakdown in ELECTRICAL Section)	E
2	1001143959	Ref	License Plate Installation (See Separate Breakdown in FRAME AND ATTACHING PARTS Section)	C
3	1001171700	Ref	25KPH Speed Decal Installation (See Separate Breakdown in this Section)	C

FIGURE 11-18. CONSTRUCTION INSTALLATION (GERMANY) (4017RS)

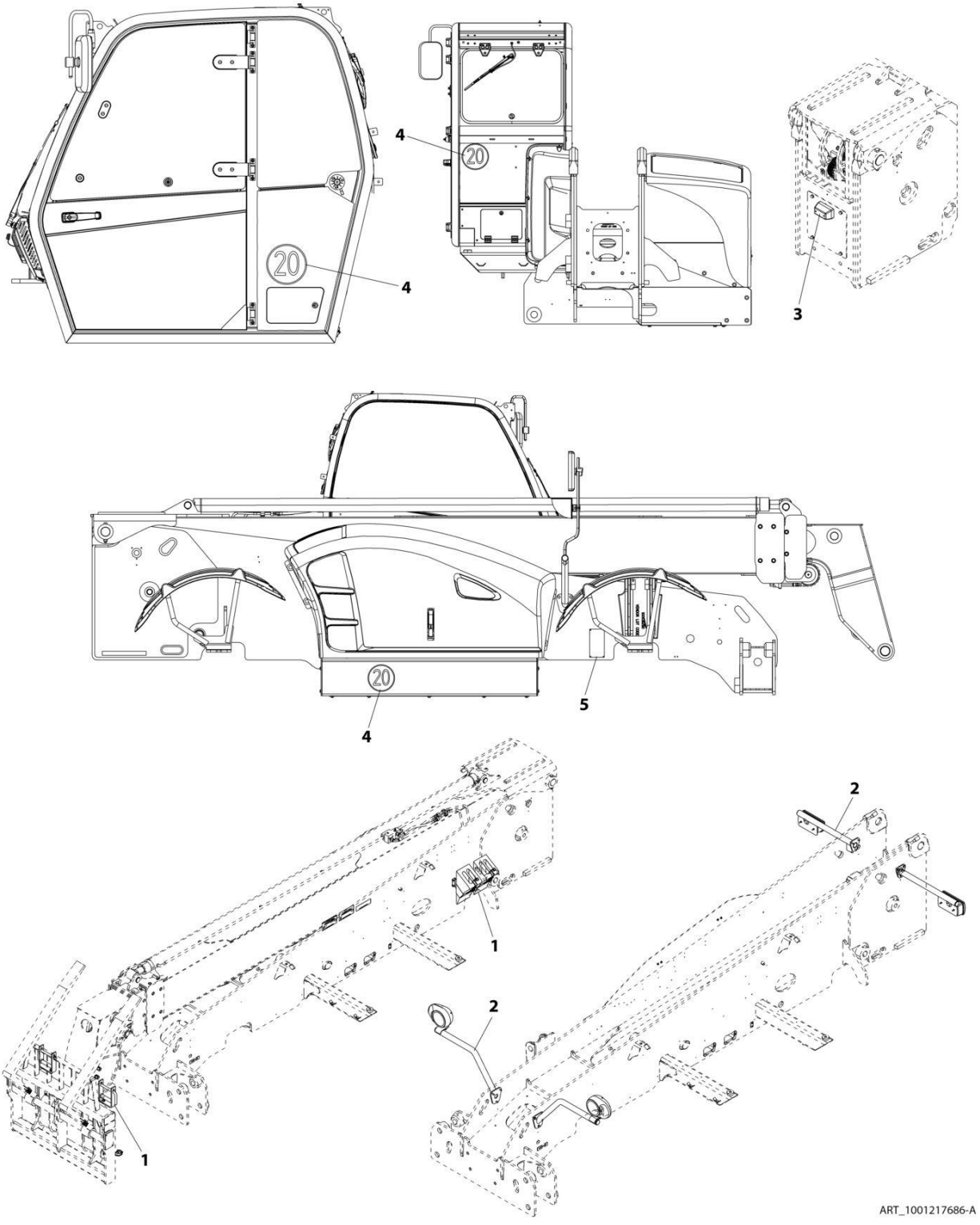


FIGURE 11-18. CONSTRUCTION INSTALLATION (GERMANY) (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217686	Ref	Construction Installation	C
1	1001158110	1	Installation, Homologation (See Separate Breakdown in this Section)	
2	1001146491	1	Installation, Driving Lights (See Separate Breakdown in ELECTRICAL Section)	
3	1001143959	1	Installation, License Plate (See Separate Breakdown in FRAME AND ATTACHING PART Section)	
4	1001158111	1	Installation, 20KPH Decals (See Separate Breakdown in this Section)	
5	1001158112	1	Installation, Homologation Plate (See Separate Breakdown in this Section)	
6	N.S.S.	1	Chart, German Homologation (not shown)	
7	N.S.S.	1	Chart, 20KPH Configuration (not shown)	
8	1001197671	1	Installation, Homologation Warning (not shown) (See Separate Breakdown in this Section)	
9	1001214963	1	Installation, Sunvisor (not shown) (See Separate Breakdown in this Section)	
10	1001217133	1	Installation, Boom Position Installation (not shown) (See Separate Breakdown in this Section)	

FIGURE 11-19. EAC DECAL INSTALLATION

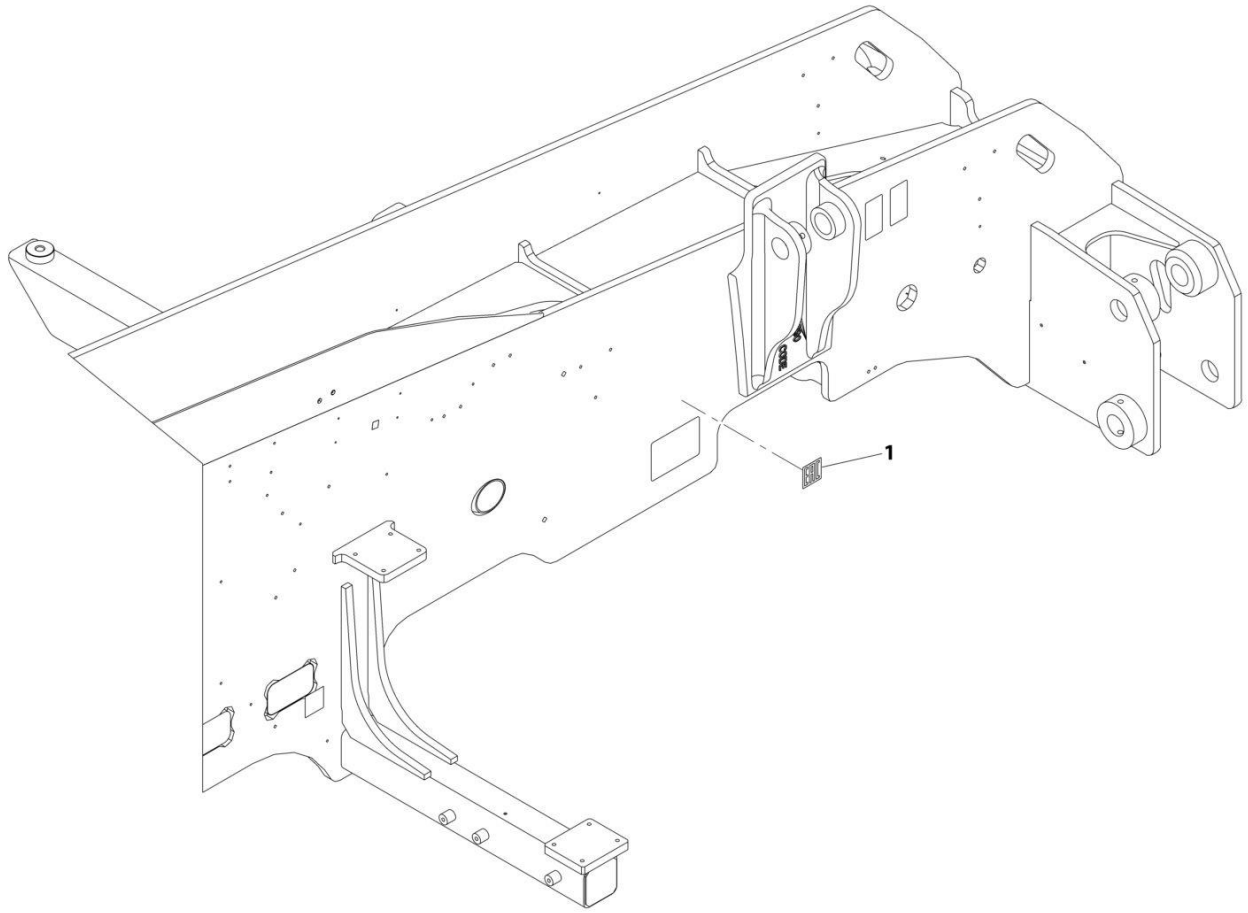


FIGURE 11-19. EAC DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173936	Ref	EAC Decal Installation	A
1	1001173703	1	Decal, EAC	

FIGURE 11-20. HOMOLOGATION INSTALLATION (GERMANY) (3614RS)

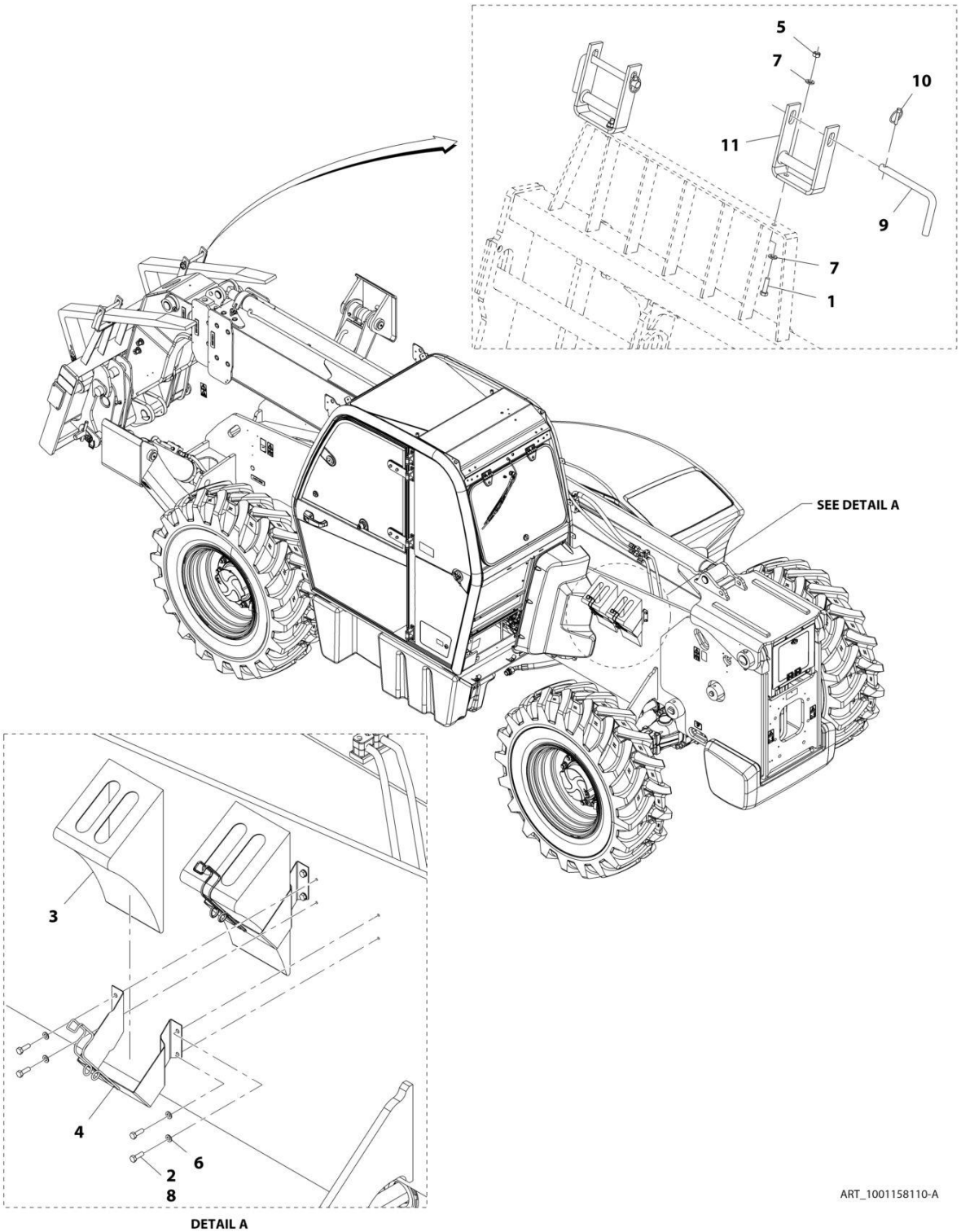


FIGURE 11-20. HOMOLOGATION INSTALLATION (GERMANY) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158110	Ref	Homologation Installation (Germany)	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 11-21. HOMOLOGATION PLATE INSTALLATION (GERMANY) (3614RS)

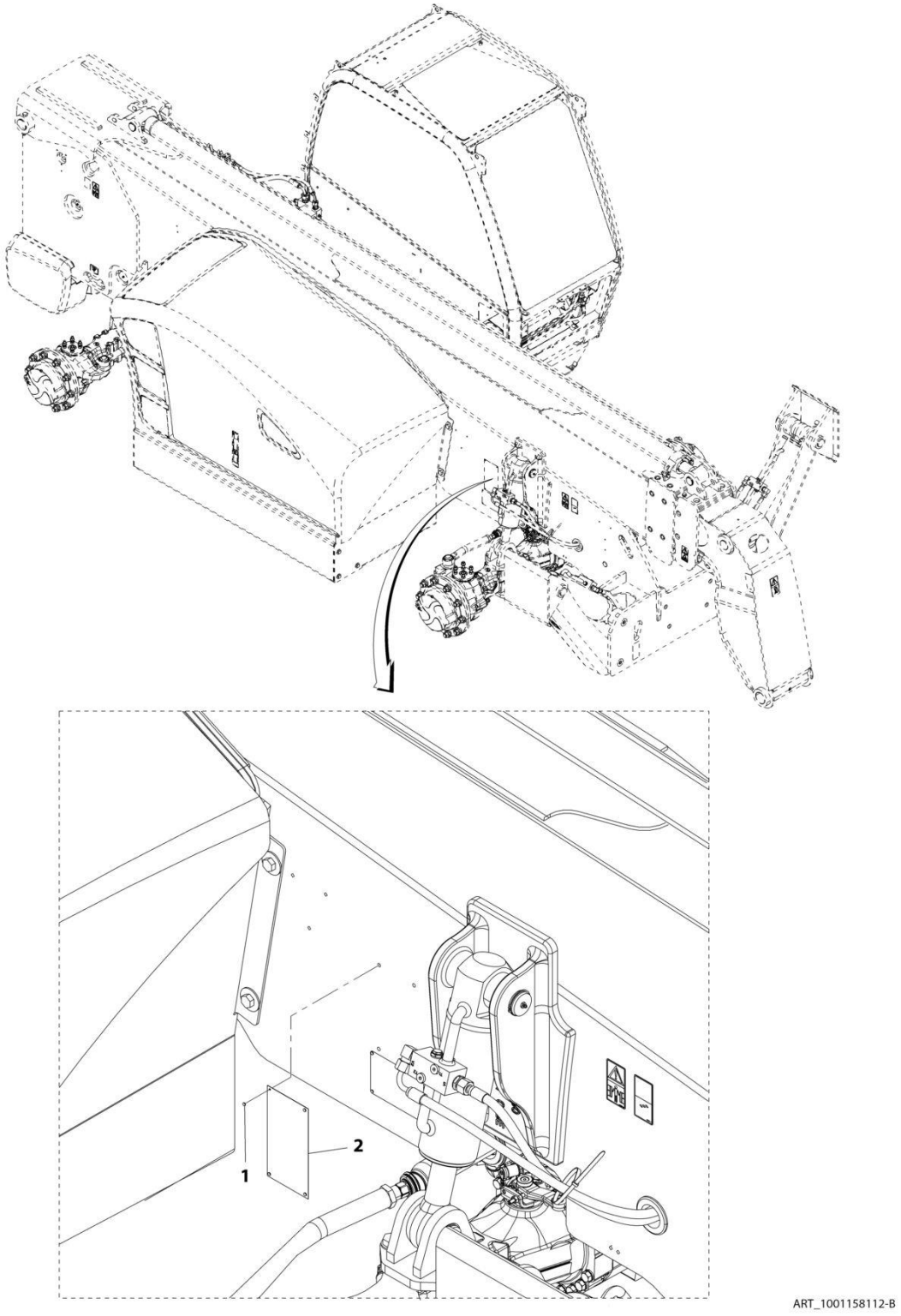


FIGURE 11-21. HOMOLOGATION PLATE INSTALLATION (GERMANY) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158112	Ref	Homologation Plate Installation (Germany)	C
1	1001009178	4	Tack, Metal	
2	1001138051	1	Plate, Homologation	
2	1001232659	1	Plate, Homologation	
2	1001277281	1	Plate, Homologation	

SECTION 11 - DECALS

FIGURE 11-22. HOMOLOGATION WARNING PANEL INSTALLATION (GERMANY) (3614RS)

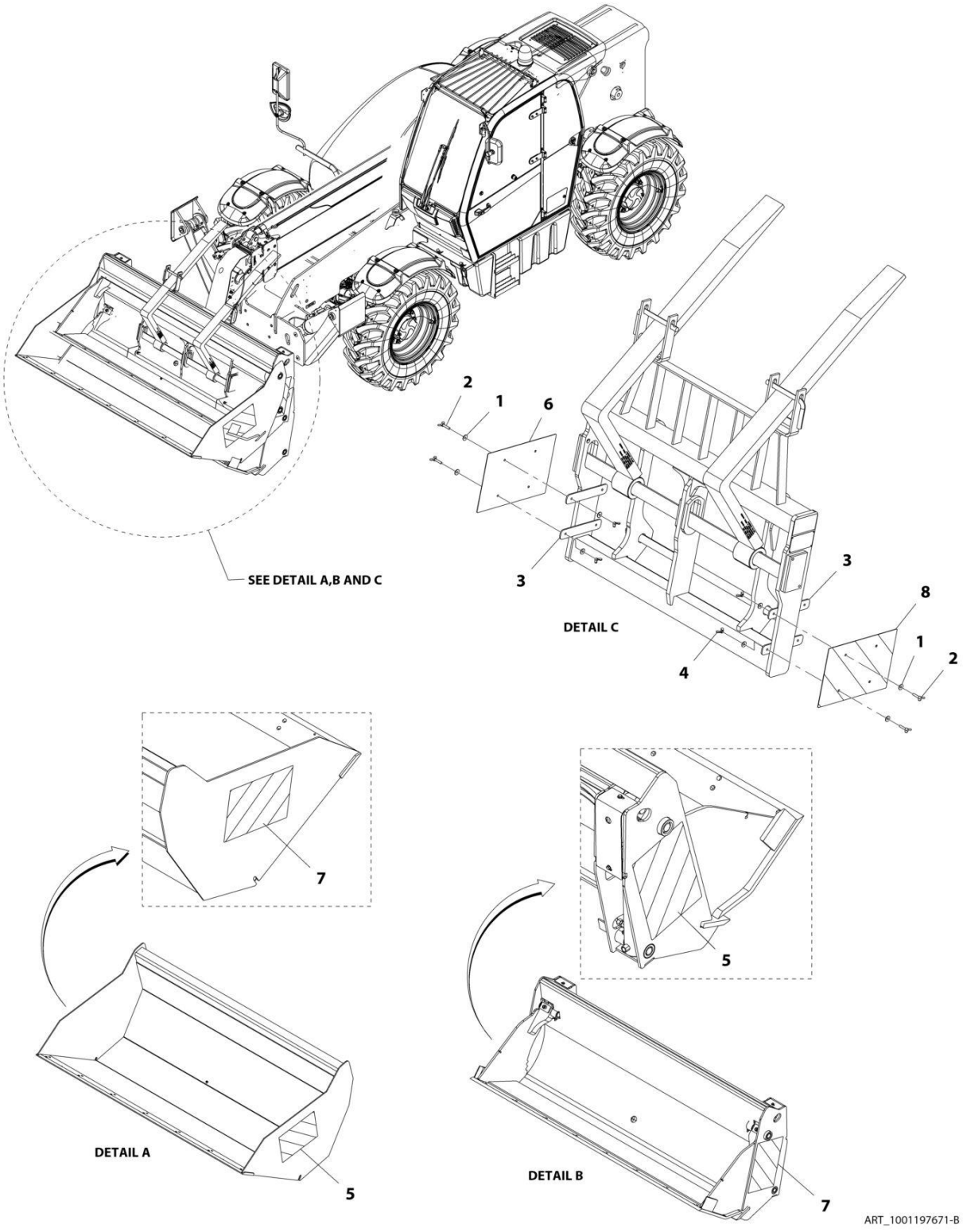


FIGURE 11-22. HOMOLOGATION WARNING PANEL INSTALLATION (GERMANY) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197671	Ref	Homologation Warning Installation (Germany)	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 11-23. HOMOLOGATION PLATE INSTALLATION (SPAIN)

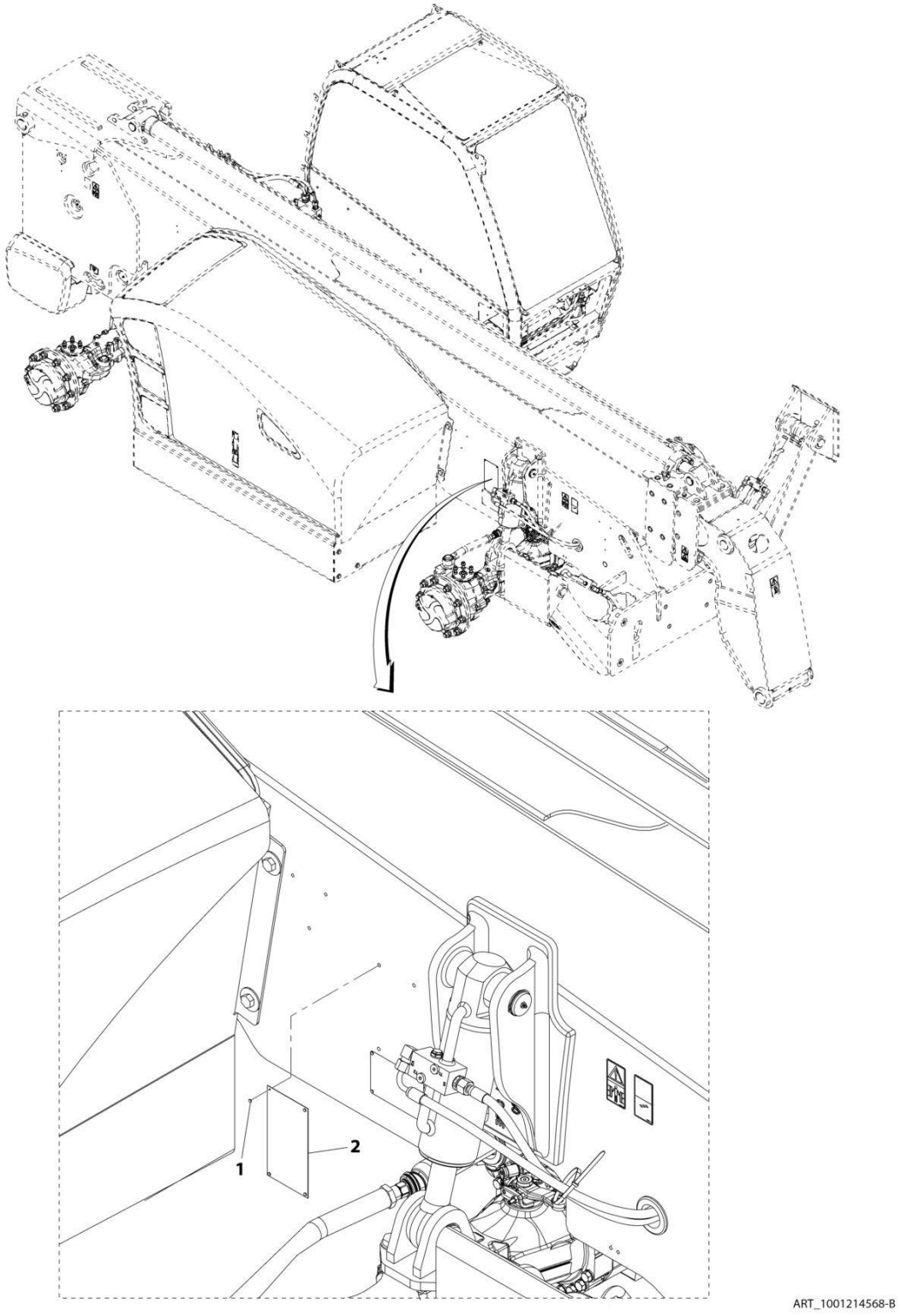
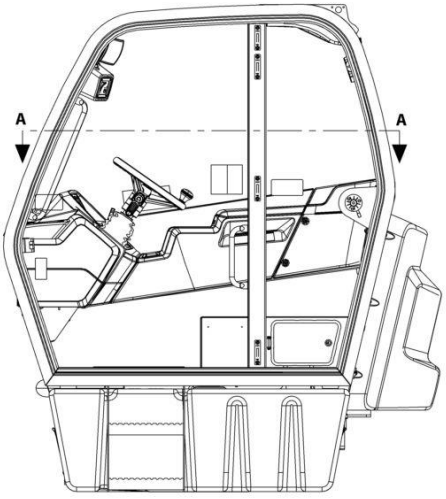
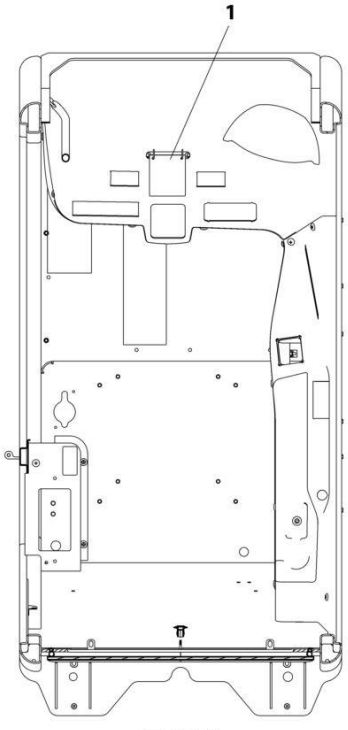


FIGURE 11-23. HOMOLOGATION PLATE INSTALLATION (SPAIN)

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 11-24. LOAD CHART (3614RS)





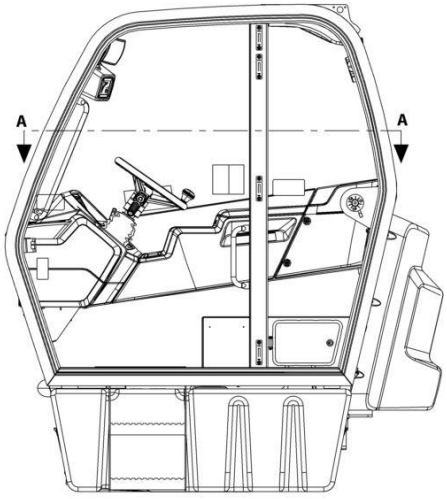
VIEW A-A

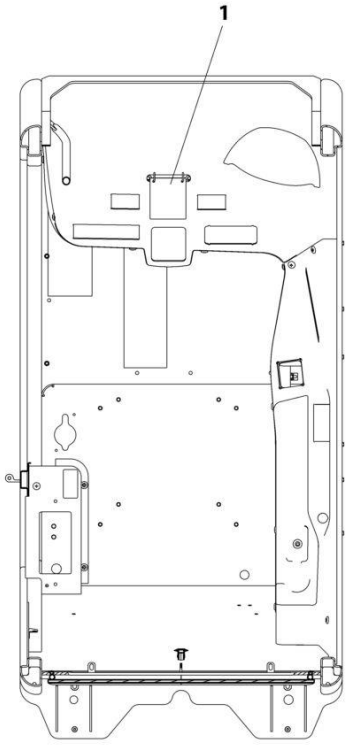
ART_1001160227-D

FIGURE 11-24. LOAD CHART (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160227	1	Load Chart	

FIGURE 11-25. LOAD CHART (4017RS)





VIEW A-A

ART_1001163802-E

FIGURE 11-25. LOAD CHART (4017RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001163802	1	Load Chart	E
101	1001183291	1	Chart, Load Standard Carriage with Lift Lug (not shown) (4017RS)	
102	1001183292	1	Chart, Load Standard Carriage with Lift Lug (not shown) (3614RS)	
103	1001185116	1	Chart, 4T Fork and Hook Standard Carriage with Lift Lug (Traveling) (not shown) (4017RS)	
202	1001179681	1	Chart, Load Manitou Carriage (not shown) (4017RS)	
203	1001179682	1	Chart, Load Manitou Carriage (Outriggers) (not shown) (4017RS)	
301	1001180965	1	Chart, Load Metric Fork Hook (not shown) (4017RS)	
302	1001180966	1	Chart, Load Metric Fork Hook (Outriggers) (not shown) (4017RS)	
403	1001179685	1	Chart, Load Metric JCB Coupler (not shown) (4017RS)	
404	1001179686	1	Chart, Load Metric JCB Coupler (Outriggers) (not shown) (4017RS)	
503	1001201190	1	Chart, Load Metric Side Shift (not shown) (4017RS)	
504	1001201191	1	Chart, Load Metric Side Shift Stab (Outriggers) (not shown) (4017RS)	
602	1001175220	1	Chart, Load Metric Fork Positioning (not shown) (4017RS)	
603	1001175221	1	Chart, Load Metric Fork Positioning Stab (not shown) (4017RS)	
701	1001225861	1	Chart, Load Metric Truss Boom (4000KG) (not shown) (4017RS)	
702	1001225862	1	Chart, Load Metric Truss Boom Stab (4000KG) (not shown) (4017RS)	

FIGURE 11-26. REFLECTOR INSTALLATION

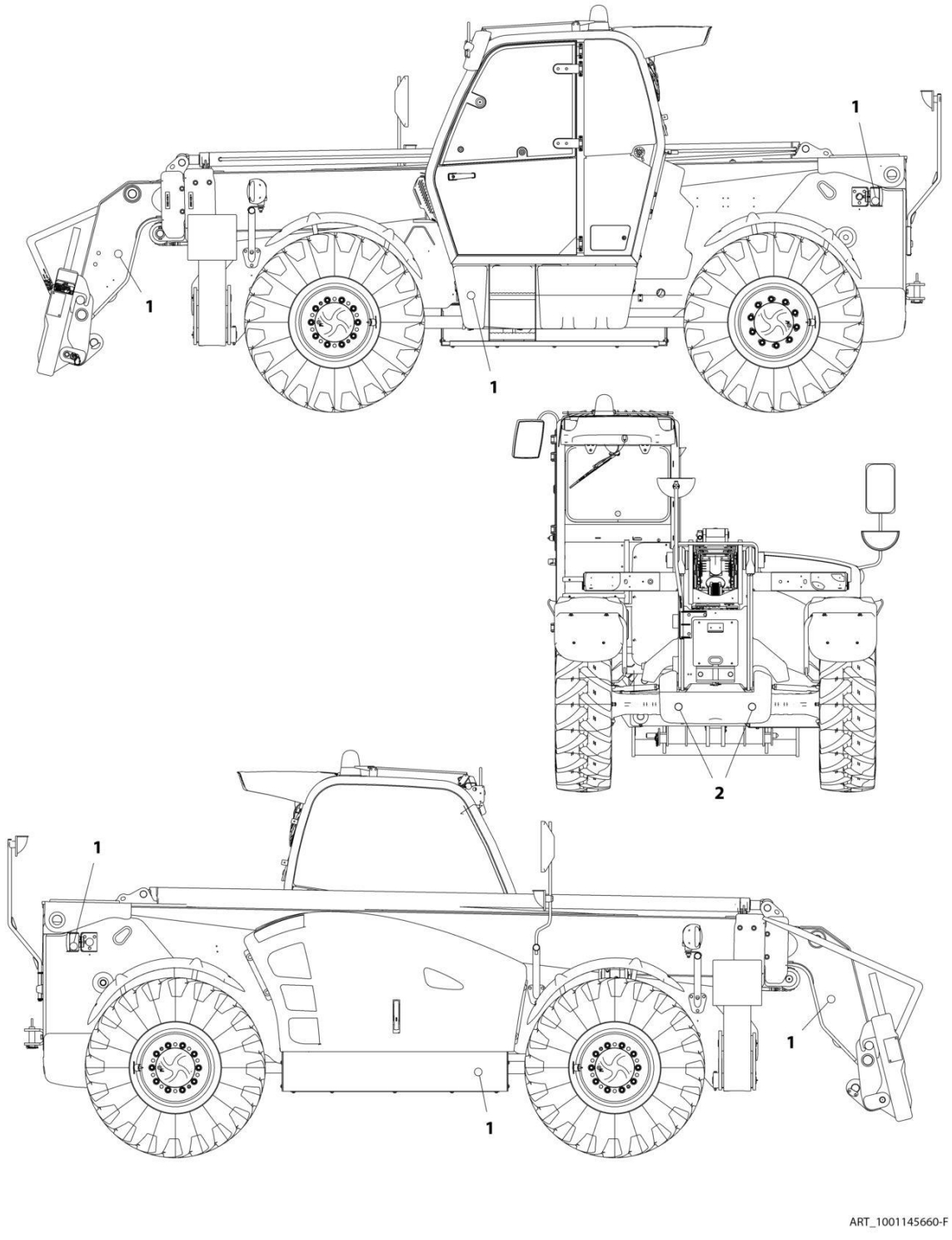


FIGURE 11-26. REFLECTOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145660	Ref	Reflector Installation	F
1	3700016	6	Reflector, Rear	
2	3700015	2	Reflector, Rear	

FIGURE 11-27. SPEED - 20KPH SPEED DECAL INSTALLATION (GERMANY) (3614RS)

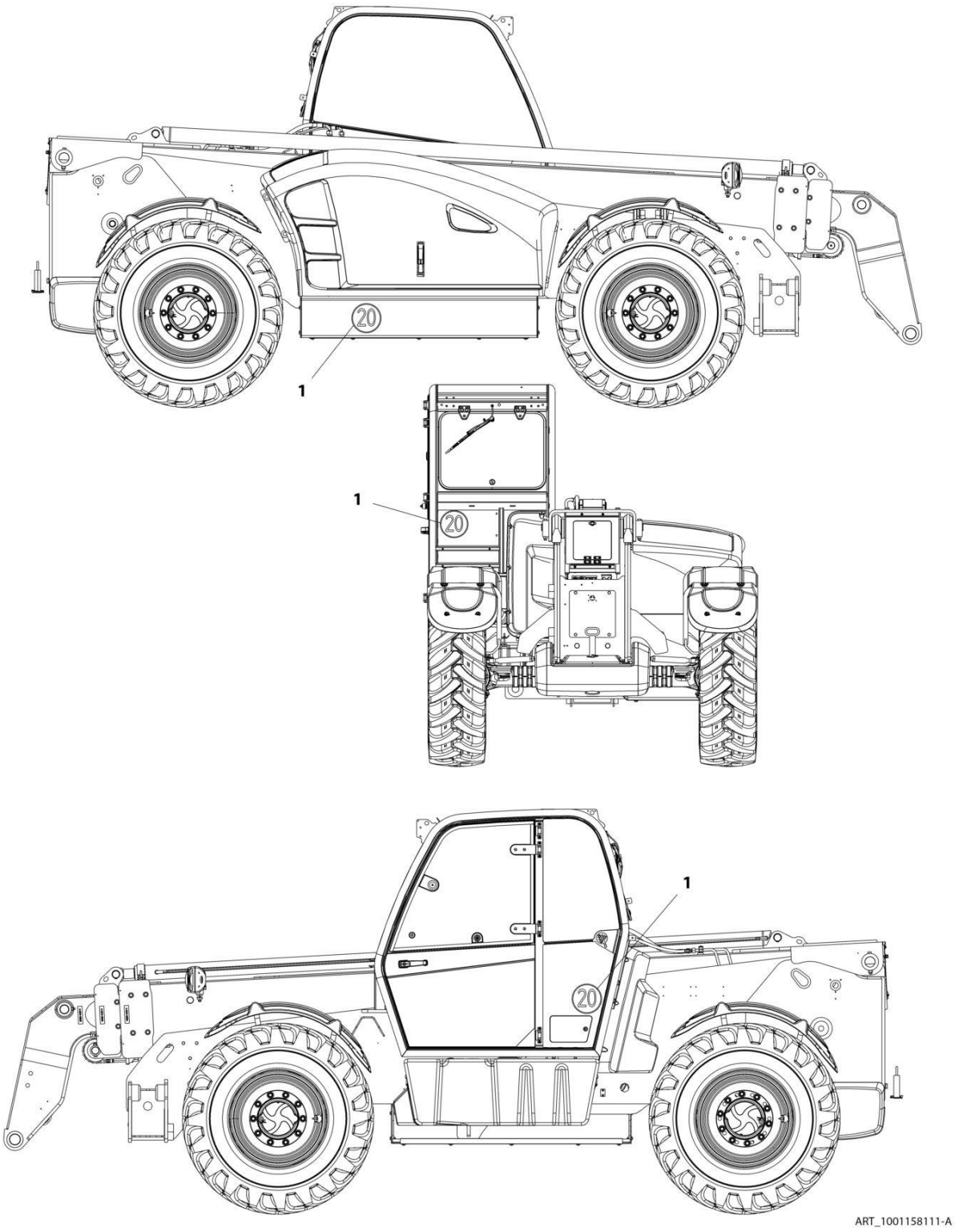


FIGURE 11-27. SPEED - 20KPH SPEED DECAL INSTALLATION (GERMANY) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158111	Ref	20KPH Decals Installation (Germany)	A
1	2603207	1	Decal, 20KPH	

FIGURE 11-28. SPEED - 25KPH SPEED DECAL INSTALLATION

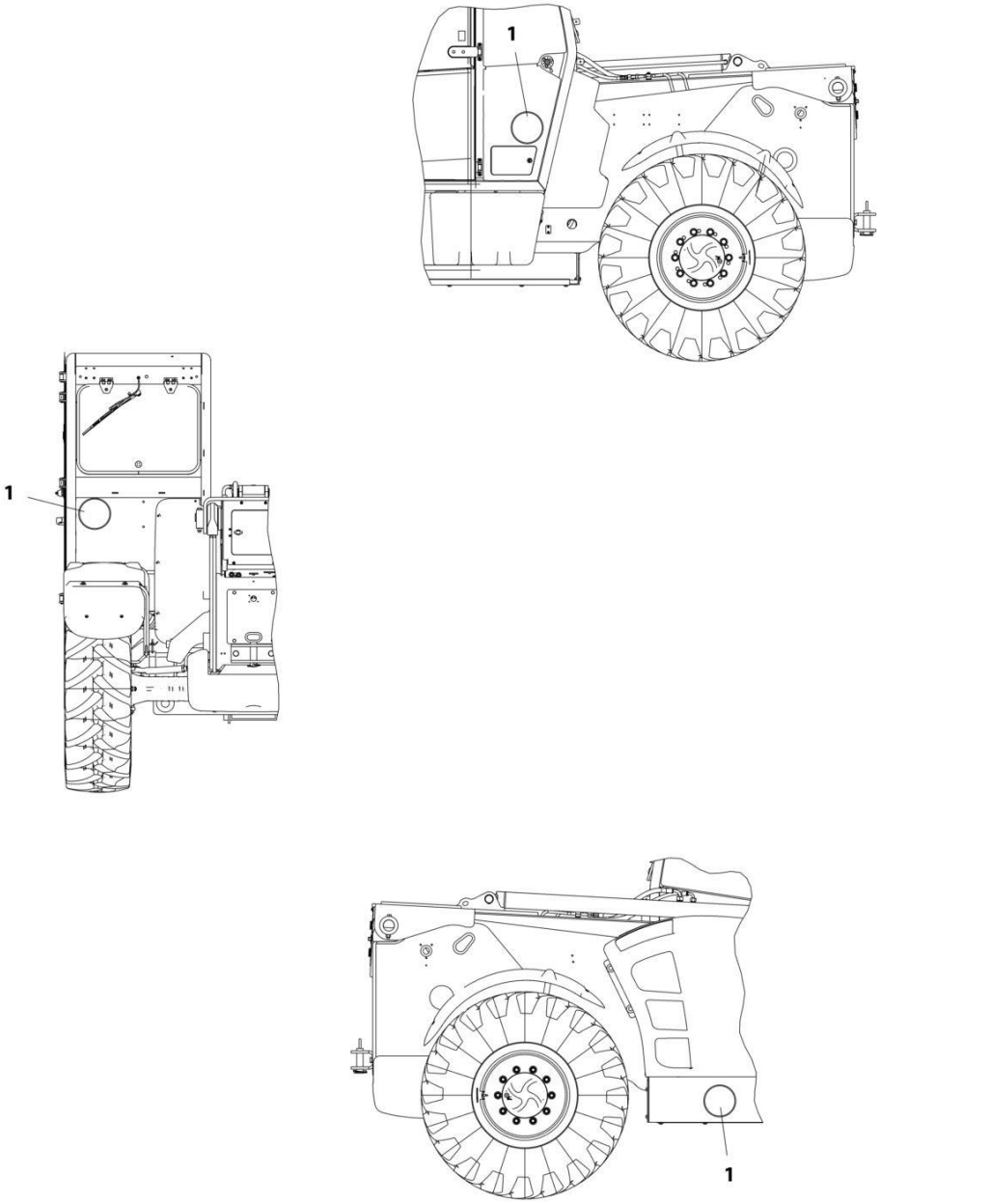
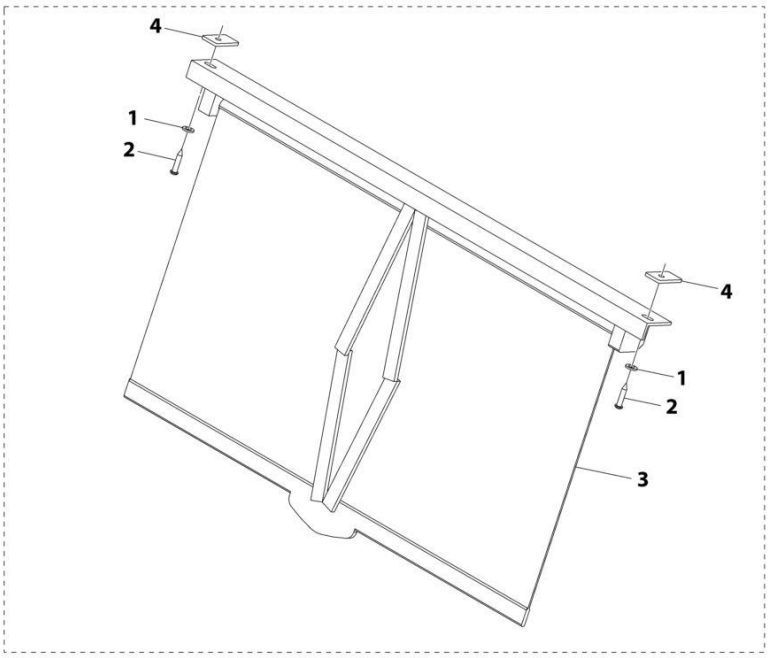


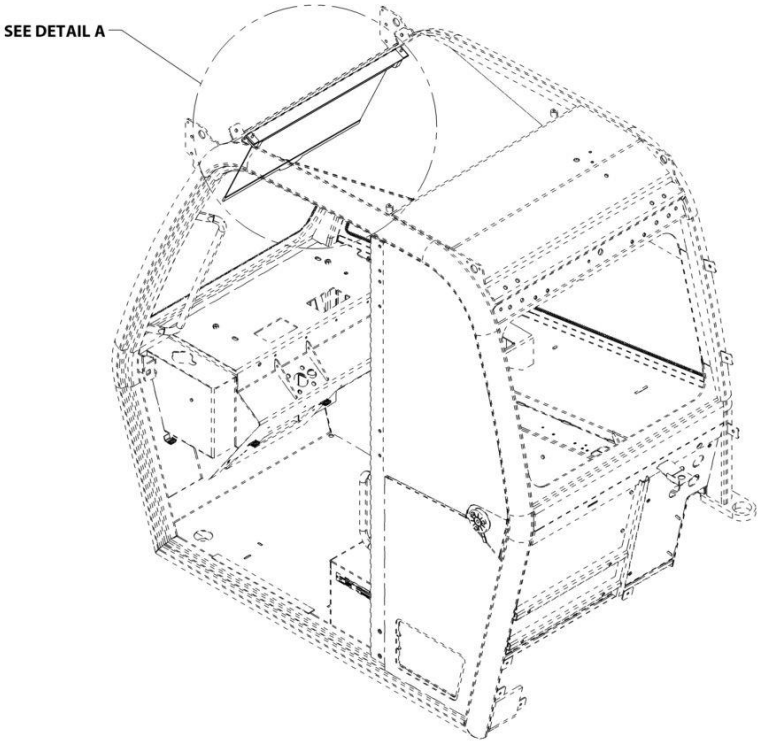
FIGURE 11-28. SPEED - 25KPH SPEED DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171700	Ref	25KPH Decals Installation	C
1	1001153442	3	Decal, 25KPH	

FIGURE 11-29. SUNVISOR INSTALLATION (GERMANY) (3614RS)



DETAIL A



ART_1001214963-A

FIGURE 11-29. SUNVISOR INSTALLATION (GERMANY) (3614RS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214963	Ref	Sunvisor Installation (Germany)	A
1	4811700	2	Washer, M6	
2	1001111147	2	Self Tapping Screw	
3	1001214964	1	Sunvisor	
4	1001215506	2	Support, Plate	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
		Ref	STANDARD PARTS	
	1001117308	1	200 AMP Relay Installation	
	70020868	1	Coil	
	70021208	1	Coil	
	70022147	1	Coil	
	70026582	1	Coil	
	70025811	1	Element, Filter	
	1101312	1	Element, Primary	
	1101313	1	Element, Safety	
	1001147134	1	Filter, Breather, Hydraulic	
	1001242866	1	Relay	
	70025576	1	Solenoid	
	7016331	1	Spin-On Filter	
	4360658	1	Switch, Brake Light	
	70025486	1	Switch, Contact	
	1001192142	1	Switch, Disconnect	
	1001146730	1	Switch, DPDT	
	1001147451	1	Switch, DPDT	
	4360657	1	Switch, Ignition	
	1001146727	1	Switch, SPDT(M)	
	1001146726	1	Switch, SPST(M)	
	1001145021	1	Switch, Turn-Wiper	
	1001146729	1	Switch, Wiper	
		Ref	VARIABLE PARTS	
	1001145613	1	Boom Retract Sensor Installation (3614RS)	
	1001148600	1	Boom Retract Sensor Installation (4017RS)	
	1001237349	1	Control, Fan Speed (Heater & AC)	
	1001237347	1	Control, Heater (Heater & AC)	
	1001237348	1	Control, Heater/AC	
	1001209578	1	Control, TMH Cab Module	
	1001129285	2	Diode (55KW Engine)	
	1001209577	1	Front Frame Module	
	70024961	1	Fuel Filter (55KW Engine)	
	70029477	1	Fuel Filter (55KW Engine)	
	1001225430	1	Fuel Filter (55KW Engine)	
	1001225432	1	Fuel Filter (55KW Engine)	
	70025153	1	Fuel Filter (74.4KW Engine)	
	8229242	2	Fuse (55KW Engine)	
	8229244	2	Fuse (55KW Engine)	
	8229247	2	Fuse (55KW Engine)	
	1001098153	1	Handbrake (Hydraulic Handbrake)	
	1001179730	1	Handbrake (Mechanical Handbrake)	
	70028852	1	Lever, Multi-Function (AUX, FNR lever)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025847	1	Lever, Multi-Function (AUX, no FNR lever)	
	70028851	1	Lever, Multi-Function (FNR Lever)	
	70025843	1	Lever, Multi-Function (No FNR Lever)	
	1001239194	1	Module (ClearSky CE)	
	1001233236	1	Module, 3W TCU	
	70024504	1	Pressure Sensor (74.4KW Engine)	
	70025796	1	Pressure Sensor (74.4KW Engine)	
	70025797	1	Pressure Sensor (74.4KW Engine)	
	1001209576	1	Rear Frame Module	
	1001149376	1	Sensor (Expansion Tank)	
	4000015	1	Sensor, Angle	
	1001160730	1	Sensor, Rear Axle LSI	
	70026210	1	Speed Sensor (55KW Engine)	
	70024503	1	Speed Sensor (74.4KW Engine)	
	70025573	1	Speed Sensor (Transmission)	
	70024962	1	Spin-On Fuel Filter (74.4KW Engine)	
	1001241813	1	Switch (55KW Engine)	
	1001146728	1	Switch, DP3T (Cab Worklights)	
	1001145022	1	Switch, FNR	
	1001146725	1	Switch, SPST (Beacon)	
	70024918	1	Temp Sensor, Coolant (74.4KW Engine)	
	70028540	1	Temperature Sensor (55KW Engine)	

SECTION 13 - SPECIAL OPTIONS

SECTION 13 - SPECIAL OPTIONS

FIGURE 13-1. SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	See Note	Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	MISCELLANEOUS SPECIAL OPTIONS	
	1001254398	Ref	Access Control Kit	
	1001254397	Ref	ClearSky Canbus Kit (C.E.)	
	1001265378	Ref	Telematics Single Can Kit (N.A.)	
	1001249695	Ref	Tools- Analyzer and Cable Kit	
	1001249941	Ref	Tools- Analyzer and Cable Kit (Battery Powered)	
	1001262959	Ref	Voltage Regulator ClearSky Locate Kit	

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