Illustrated Parts Manual

Models

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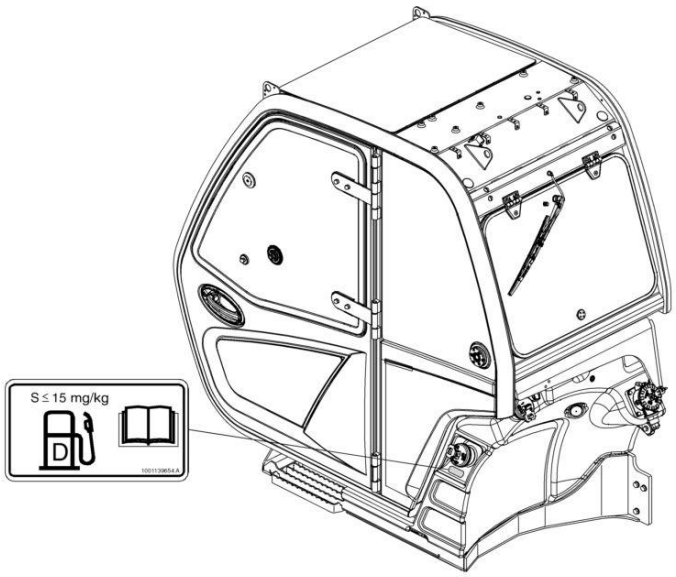
November 1, 2023 - Rev G

An Oshkosh Corporation Company

EFFECTIVITY PAGE

July 11, 2016 - A - Original Issue of Manual
August 24, 2016 - B - Revised Manual
November 22, 2016 - C - Revised Manual
March 31, 2017 - D - Revised Manual
January 30, 2018 - E - Revised Manual
April 16, 2018 - F - Revised Rev 1
November 1, 2023 - G - Revised Rev 1

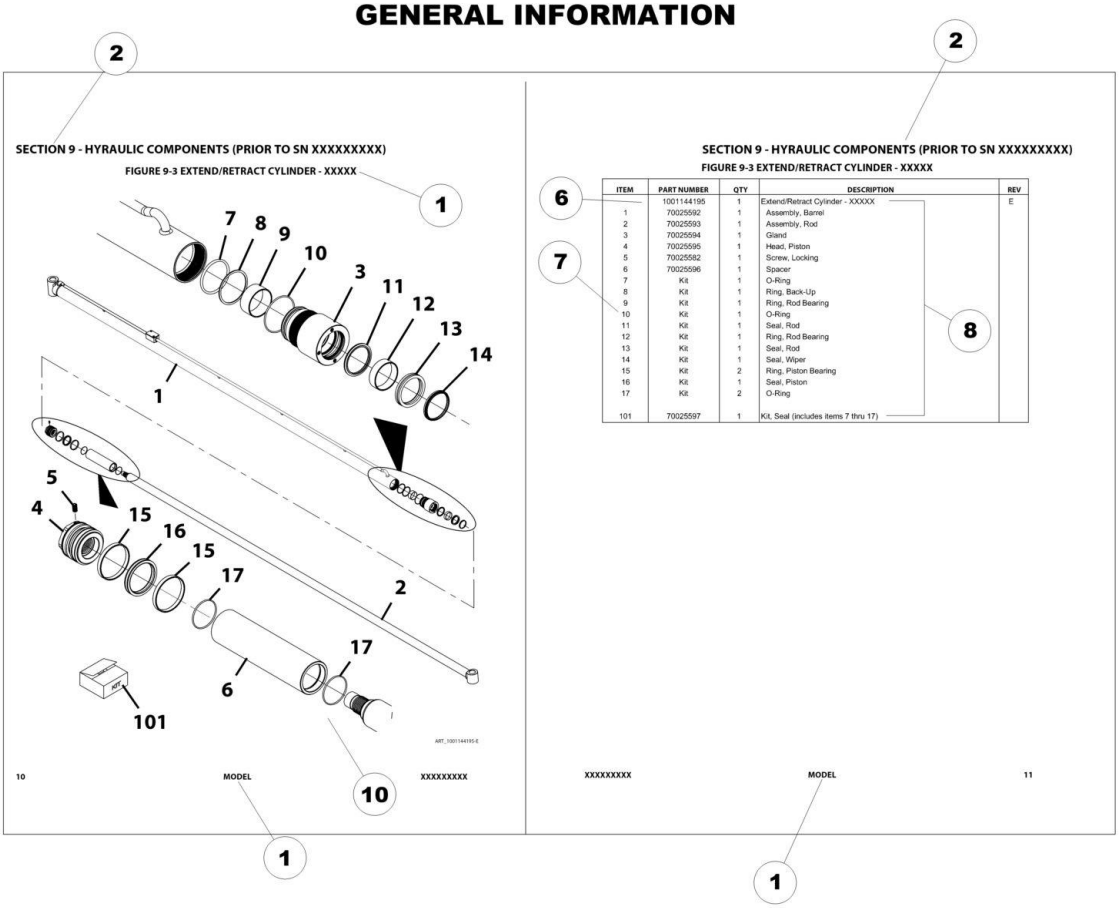
Machine Configuration



Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Low Sulfur Fuel Decal (1).

If equipped with the Ultra Low Sulfur decal, all specific references to this machine configuration will be referred to as Ultra Low Sulfer (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.



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

1) MACHINE IDENTIFICATION
Machines are identified by model and in some cases a combination of models, serial number (SN) or regional standard (e.g. ANSI, CE, CSA, AUS). Components may also be identified by SN or manufacturer. Common components that may be identified by these characteristics are attachments, engine, transmission and hydraulic components.

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

3) TABLE OF CONTENTS (NOT SHOWN)
A table of contents (TOC) is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

4) RECOMMENDED SPARE PARTS (NOT SHOWN)
The Recommended Spare Parts List, located near the end of the manual, reference most frequently used maintenanceparts.

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.

6) NON-SERVICED PARTS
In some instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations there will be a Ref in the QTY column and a note after the item description stating what is available for service within. In the case of parts that are not available for service within assemblies or components, there will be a NSS (Not Sold Separately) listed in the part number column of the manual.

7) PARTS LIST ITEM NUMBERS
Numbers shown in the item column correspond to numbers used in the associated illustration(s). Item numbers which are missing from sequence and are not shown in the illustration(s) are not used on that page.

8) INDENTED PARTS DESCRIPTION
An indented part description is included in the item under which it is indented.

9) ABBREVIATION AND SYMBOLS

AC.....Alternating Current
A/C.....Air Conditioning
ADE.....Advanced Design Electronincs
AG.....Agriculture
AMP.....Amperage
ANSI..... American National Standards Institute
AR.....As Required
ASSY..... Assembly
AUS.....Australia
AUX.....Auxiliary
AWG.....American Wire Gauge
CAC..... Charge Air Cooler
CE.....European Conformity
CM.....Centimeter
CONST.....Construction
CSA.....Canadian Standards Association
DEF.....Diesel Exhaust Fluid
DIA..... Diameter
DC.....Direct Current
DTZ..... Decentralized Transmission Zeros
ECU.....Electronic Control Unit
EMS.....Emergency Stop
FNR.....Forward Neutral Reverse
FT.....Foot
GA.....Gauge
GR.....Grade
HBP.....High Boom Pivot
HHP..... High Horse Power
HOC..... Hydraulic Oil Cooler
HRC.....High Rated Countries
HVAC.....Heating Ventilating, and Air Conditioning
ID.....Inside Diameter
IN .....Inch
ISO.....International Organization for Standards
ITSDF.... Industrial Truck Standards Development Foundation
JIC.....Joint Industry Council
KG..... Kilogram
KW.....Kilowatt
L..... Liter
LB..... Pound
LBP.....Low Boom Pivot
LCD..... Liquid Crystal Display
LED..... Light Emitting Diode
LH.....Left Hand
LHD.....Left Hand Drive
LHP.....Low Horse Power
LMIS.....Load Management Indicator System
LRC.....Low Rated Countries
LS.....Low Sulfur
LSI..... Load Stability Indicator
LSS..... Load Sensing System
M^3 .....Cubic Meter
MA.....Milliamp
M(m)..... Metric/Meter
MM .....Millimeter
N.....Newton
NACD.....North America Construction Division
NLA.....No Longer Available
NSS.....Not Sold Separately
OD..... Outside Diameter
ORB..... O-Ring Boss
ORFS.....O-Ring Face Seal
OZ.....Ounce
PR..... Ply Rating
QT.....Quart
QTY.....Quantity
REF.....Reference
REV.....Revision
RH.....Right Hand
RHD.....Right Hand Drive
RHCO..... Remote Hydraulic Oil Cooler
RUS.....Russia
SAE.....Society of Automotive Engineers
SAHR.....Spring Applied Hydraulically Released
SN..... Serial Number
SPD.....Speed
TLU.....Torque Look Up
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 from one point to another in the illustration such as harnesses and hoses or any other information that has been separated in the illustration.

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

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SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME INSTALLATION (20IN WHEEL)

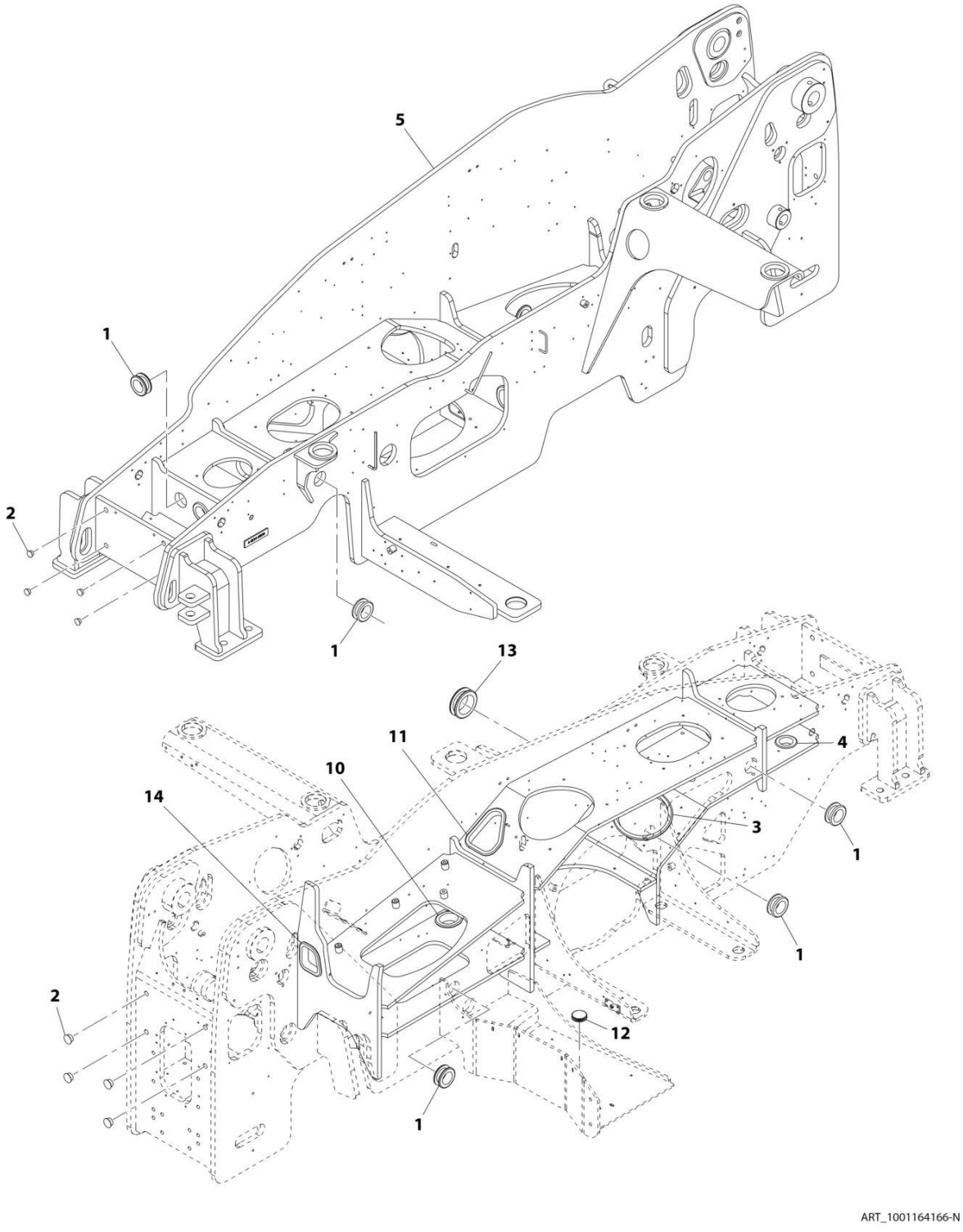


FIGURE 1-1. FRAME INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164166	Ref	Frame Installation (20IN Wheel)	N
1	1001028308	6	Grommet	
2	1001091126	8	Plug	
3	1001182749	1	Grommet	
4	1001188971	1	Grommet	
5	1001164153J	1	Frame	
10	1001206454	2	Grommet	
11	1001206156	1	Grommet	
12	1001215299	1	Grommet	
13	1001028291	1	Grommet	
14	1001223092	1	Grommet, Bulkhead	

FIGURE 1-2. FRAME INSTALLATION (24IN WHEEL)

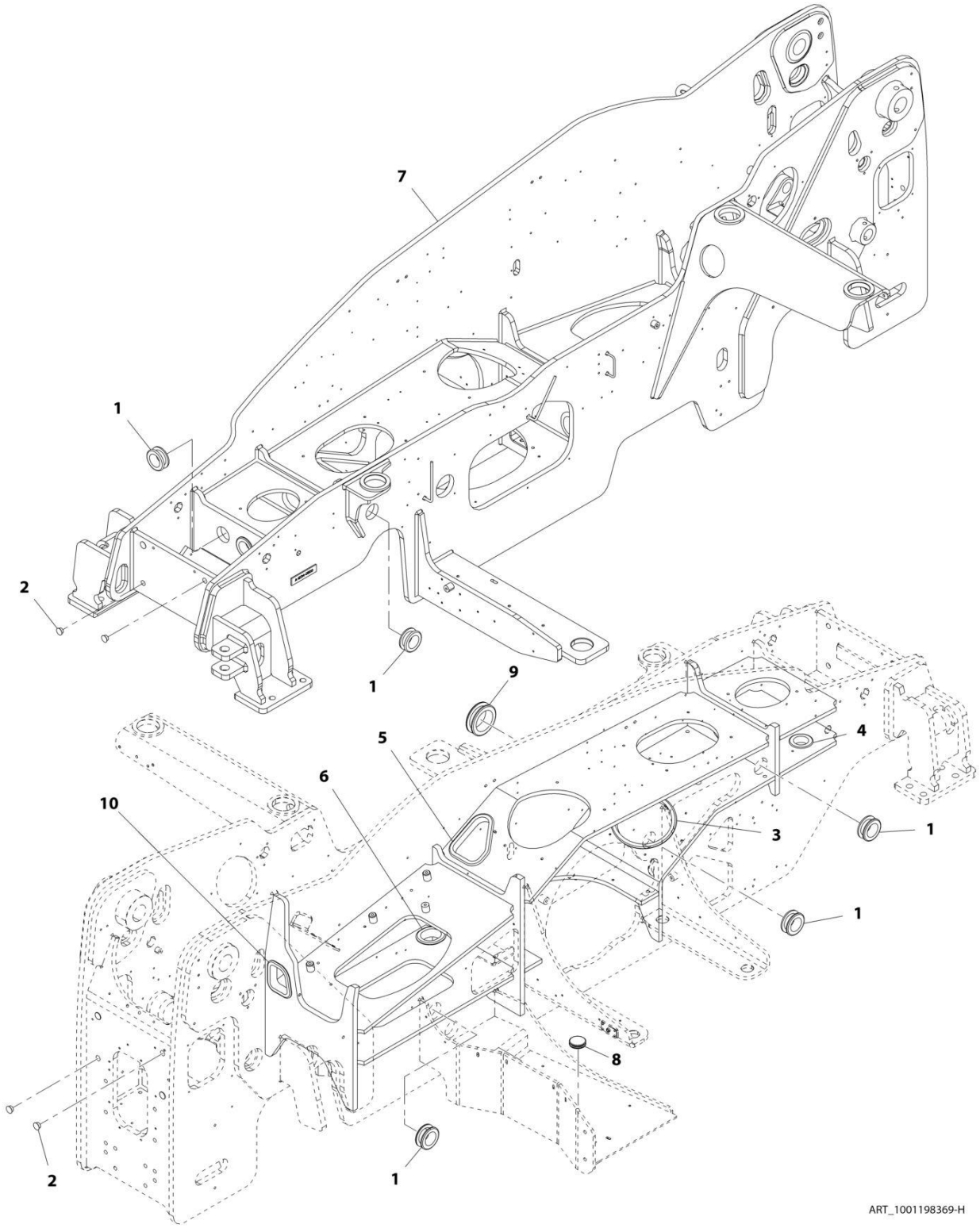


FIGURE 1-2. FRAME INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198369	Ref	Frame Installation (24IN Wheel)	H
1	1001028308	6	Grommet	
2	1001091126	8	Plug	
3	1001182749	1	Grommet	
4	1001188971	1	Grommet	
5	1001206156	1	Grommet	
6	1001206454	2	Grommet	
7	1001197470J	1	Frame (24IN Wheel)	
8	1001215299	1	Grommet	
9	1001028291	1	Grommet	
10	1001223092	1	Grommet, Bulkhead	

FIGURE 1-3. ENGINE ENCLOSURE INSTALLATION (JLG)

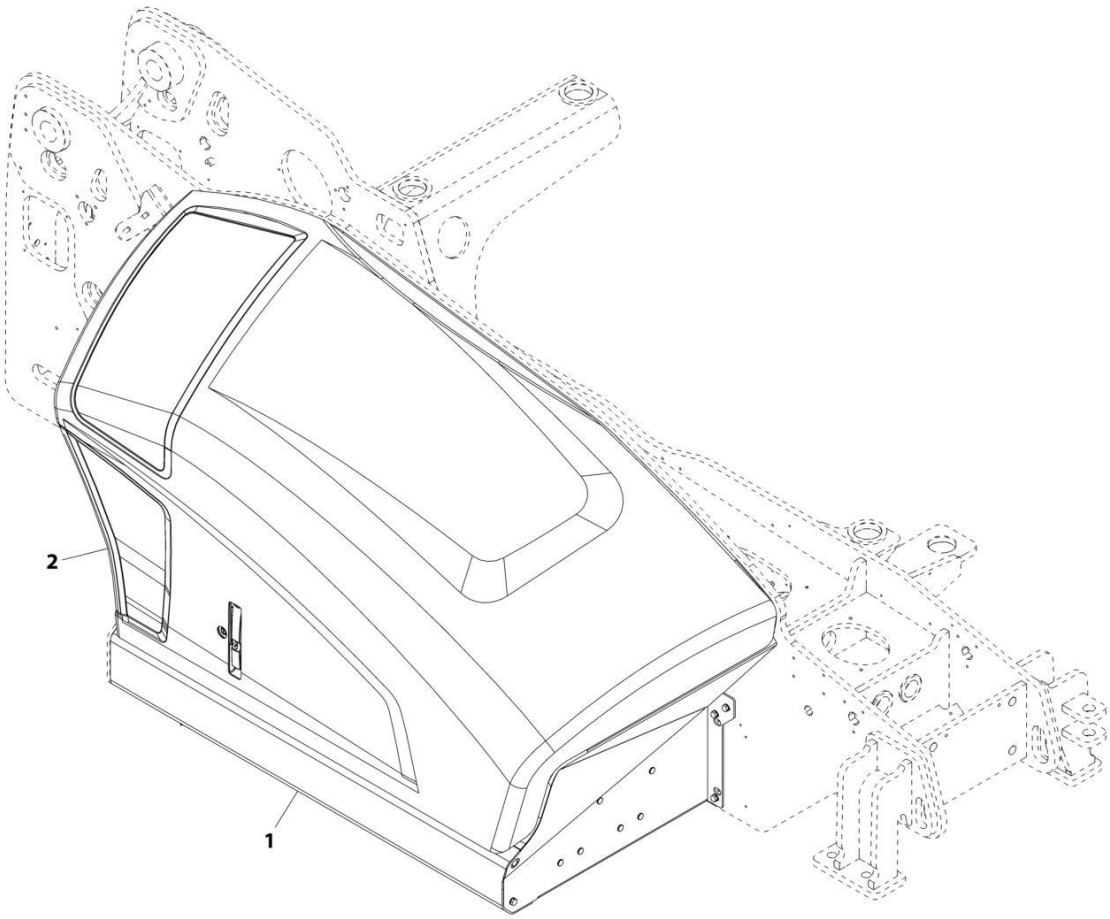


FIGURE 1-3. ENGINE ENCLOSURE INSTALLATION (JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203172	Ref	Engine Enclosure Installation (JLG)	D
1	1001199649	Ref	Installation, Engine Enclosure Cover (See Separate Breakdown in this Section)	
2	1001205341	Ref	Installation, Hood (JLG) (See Separate Breakdown in this Section)	

FIGURE 1-4. ENGINE ENCLOSURE COVER INSTALLATION

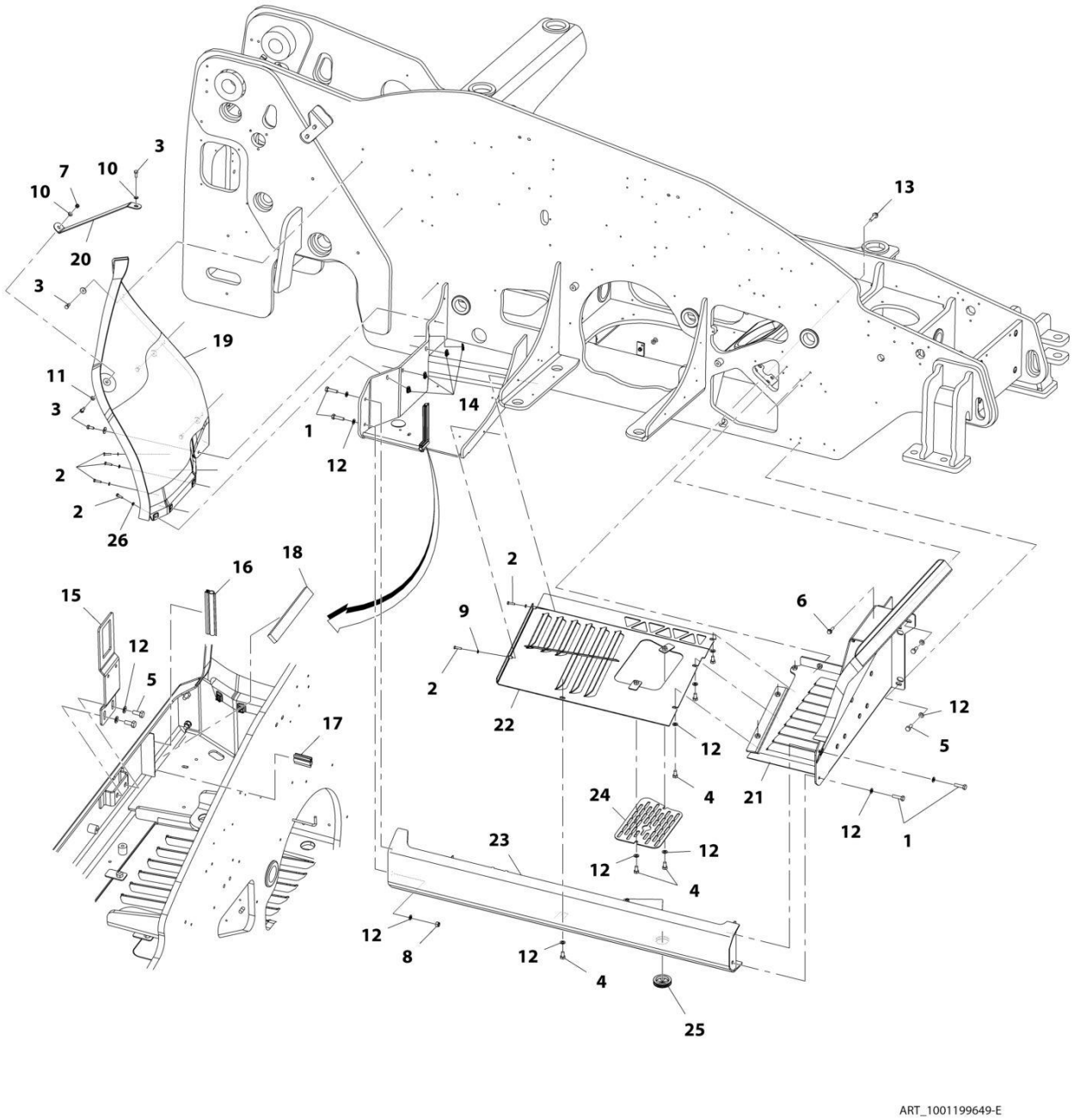


FIGURE 1-4. ENGINE ENCLOSURE COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199649	Ref	Engine Enclosure Cover Installation	E
1	0701016	4	Bolt, M6X40	
2	0760612	6	Bolt, M6X25	
3	0760810	6	Bolt, M8X20	
4	0761010	6	Bolt, M10X20	
5	0761012	5	Bolt, M10X25	
6	0780814	1	Bolt, M8X30	
7	3290801	1	Nut, M8X1.25 Grade 8	
8	3291005	1	Nut, Lock M10	
9	4811700	2	Washer, M6	
10	4811900	2	Washer, M8	
11	4811902	5	Washer, M8	
12	4812000	16	Washer, M10	
13	5251016	1	Bolt, M10X40	
14	8305919	4	Nut, M6	
15	1001154688	1	Plate, Latch	
16	1001184616	1	Seal	
17	1001184617	1	Seal	
18	1001195339	1	Seal	
19	1001199579	1	Cover, Rear Engine Enclosure	
20	1001200238	1	Plate, Rear Enclosure	
21	1001215303J	NLA	Plate, Front Enclosure (no longer available, use 1001226512J for replacement)	
21	1001226512J	1	Plate, Front Enclosure	
22	1001201746J	NLA	Panel, Base Engine Enclosure (no longer available, use 1001226514 for replacement)	
22	1001226514	1	Panel, Engine Enclosure	
23	1001202176J	1	Panel, Side Skirt Enclosure	
24	1001202187J	NLA	Panel, Access Engine Enclosure (no longer available, use 1001226513 for replacement)	
24	1001226513	1	Panel, Access Engine Enclosure	
25	2540045	1	Grommet, (not shown)	
26	4811702	4	Washer, M6	

FIGURE 1-5. HOOD INSTALLATION (JLG)

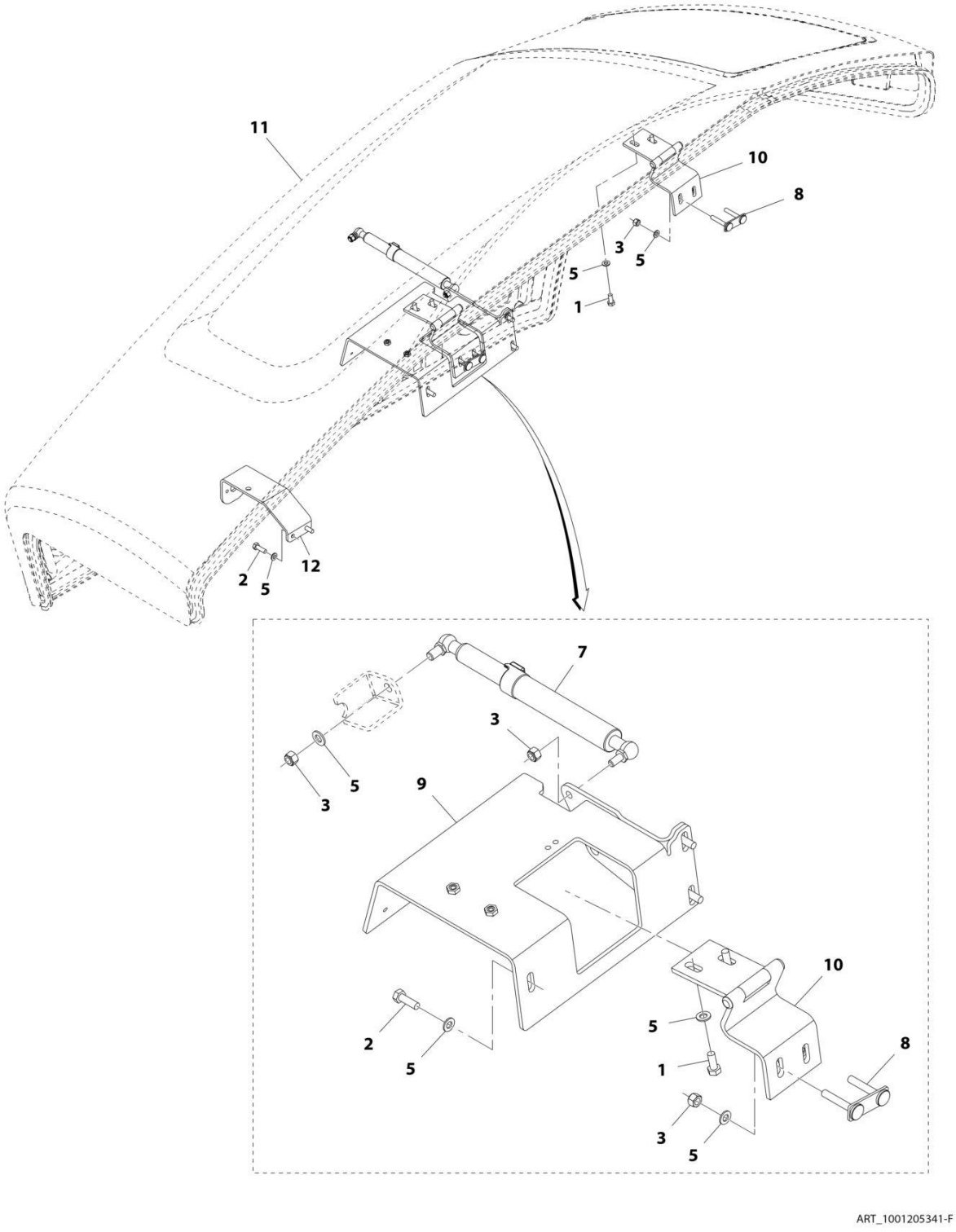
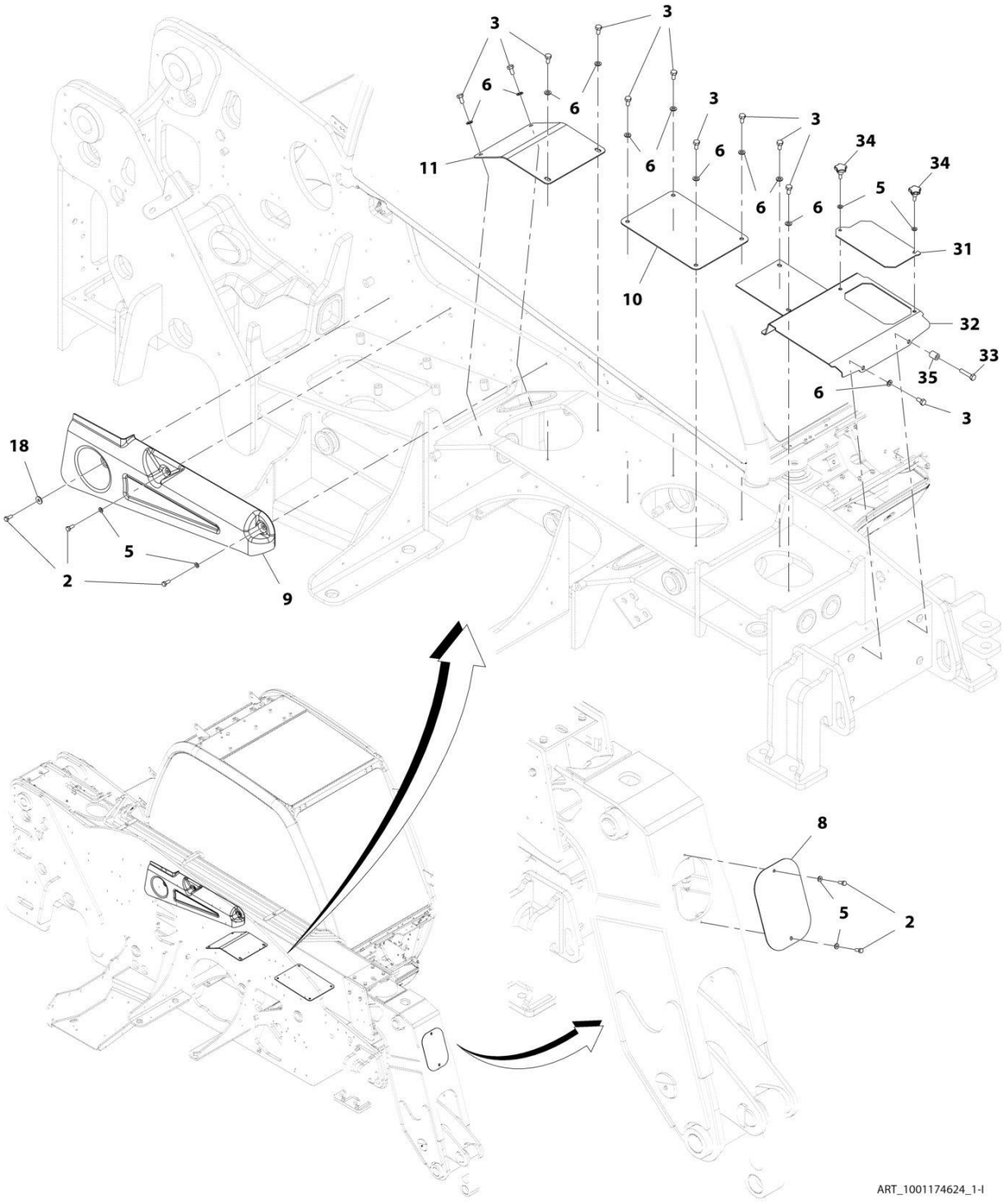


FIGURE 1-5. HOOD INSTALLATION (JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205341	Ref	Hood Installation (JLG)	F
1	0760810	4	Bolt, M8X20	
2	0760812	5	Bolt, M8X25	
3	3290805	6	Nut, Lock M8X1.25	
5	4811900	14	Washer, M8	
7	1001112426	1	Spring, Gas	
8	1001195587	2	Brace, Hood Hinge	
9	1001200077	1	Bracket, Gas Strut	
10	1001205080	2	Hinge, Hood	
11	1001205339	1	Hood **(Prior to SN 1160008371)**	
11	1001230490	1	Hood **(SN 1160008371 to Present)**	
12	1001191332	1	Bracket, Isolator Switch **(Prior to SN 1160008371)**	
12	1001228619	1	Bracket, Isolator Switch **(SN 1160008371 to Present)**	

FIGURE 1-6. COVER PLATES INSTALLATION (ULS)



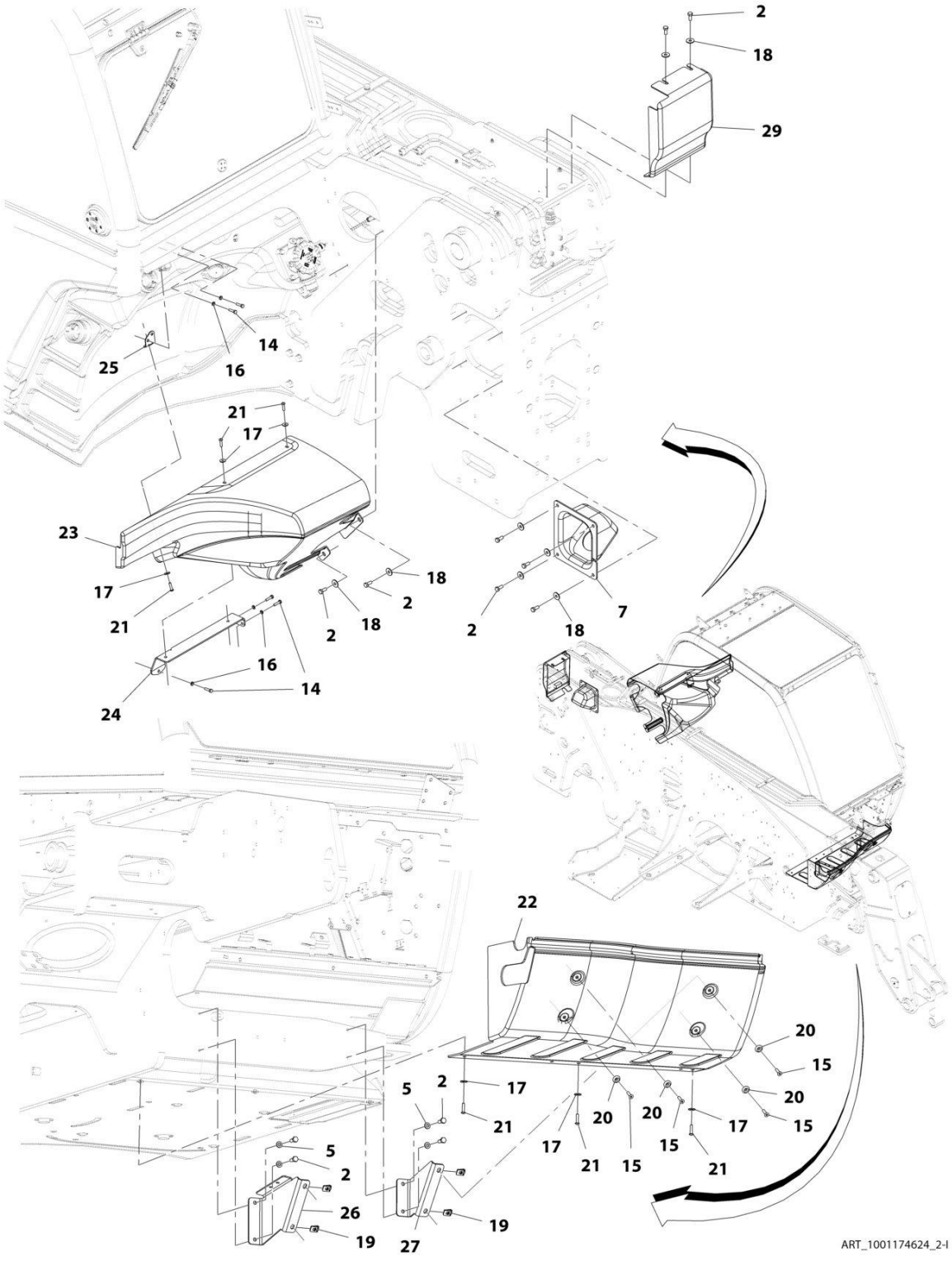
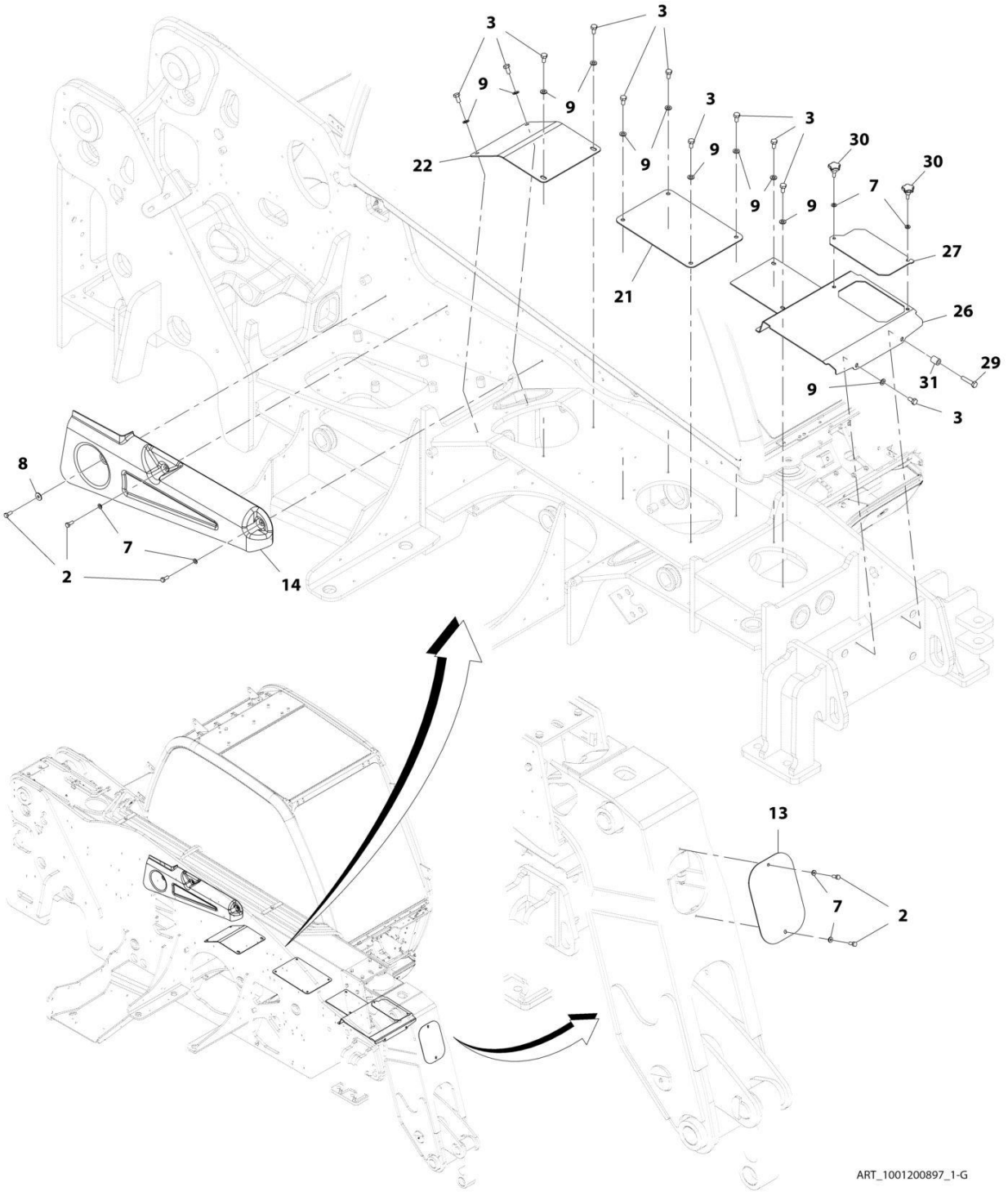

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ART_1001174624_2-I

FIGURE 1-6. COVER PLATES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174624	Ref	Cover Plates Installation (ULS)	I
2	0760810	17	Bolt, M8X20	
3	0761010	11	Bolt, M10X20	
5	4811900	10	Washer, M8	
6	4812000	11	Washer, M10	
7	1001183438	1	Cover, DEF Tank	
8	1001185936	1	Plate, Boom Head Cover	
9	1001188469	1	Cover, Lines	
10	1001180186J	1	Plate, Access	
11	1001180189J	1	Plate, Access	
14	0700612	5	Bolt, M6X25	
15	3900379	4	Screw, M6X24	
16	4811700	5	Washer, M6	
17	4811702	6	Washer, M6	
18	4811902	9	Washer, M8	
19	8305919	4	Nut, M6	
20	1001097540	4	Washer, M6	
21	1001134428	6	Screw, M6X25	
22	1001190643	1	Cover, Lower Cab Front	
23	1001192882	1	Cover, Main Control Valve	
24	1001193218	1	Support, MCV Cover	
25	1001193226	1	Support, Lower MCV Cover	
26	1001193590	1	Mount, Front Tank Cover	
27	1001193594	1	Mount, Front Short Tank Cover	
29	1001202774	1	Cover, Rear Boom **(Prior to SN 1160008927, Excluding 1160008583 and 1160008584)**	
29	1001225426	1	Cover, Rear Boom **(SN 1160008927 to Present, Including 1160008583 and 1160008584)**	
31	1001208533J	1	Door, Battery	
32	1001208530J	1	Door, Battery	
33	0701018	1	Bolt, M10X50	
34	400095	2	5 Lobe Hand Wheel	
35	1001188548	1	Spacer	

FIGURE 1-7. COVER PLATES INSTALLATION (LS)



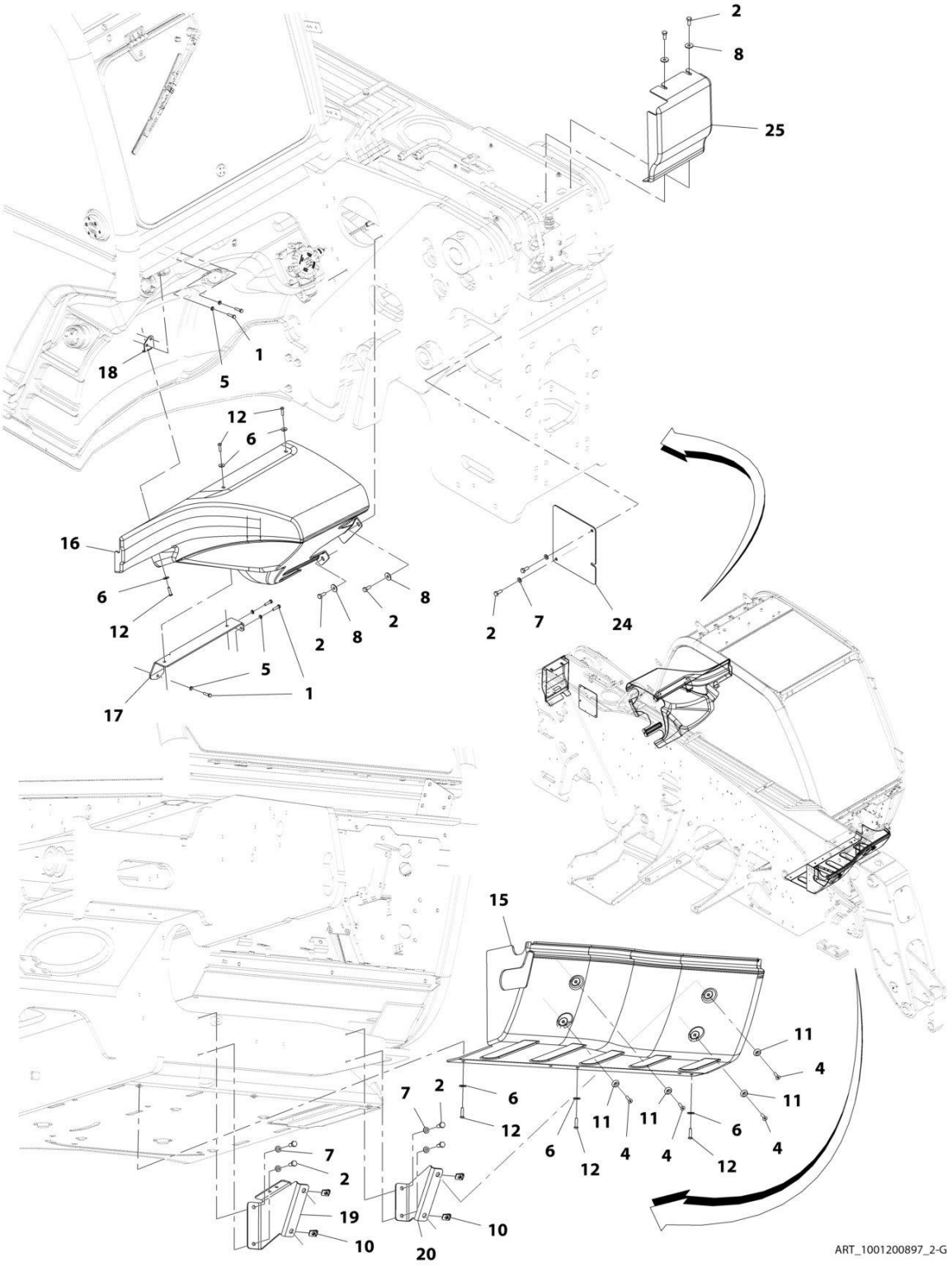

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ART_1001200897_2-G

FIGURE 1-7. COVER PLATES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200897	Ref	Cover Plates Installation (LS)	G
1	0700612	5	Bolt, M6X25	
2	0760810	15	Bolt, M8X20	
3	0761010	11	Bolt, M10X20	
4	3900379	4	Screw, M6X25	
5	4811700	5	Washer, M6	
6	4811702	6	Washer, M6	
7	4811900	12	Washer, M8	
8	4811902	5	Washer, M8	
9	4812000	11	Washer, M10	
10	8305919	4	Nut, M6	
11	1001097540	4	Washer, M6	
12	1001134428	6	Screw, M6X25	
13	1001185936	1	Plate, Boom Head Cover	
14	1001188469	1	Cover, Lines	
15	1001190643	1	Cover, Lower Cab Front	
16	1001192882	1	Cover, Main Control Valve	
17	1001193218	1	Support, MCV Cover	
18	1001193226	1	Support, Lower MCV Cover	
19	1001193590	1	Mount, Front Tank Cover	
20	1001193594	1	Mount, Front Short Tank Cover	
21	1001180186J	1	Plate, Access	
22	1001180189J	1	Plate, Access	
24	1001200926J	1	Plate, Cover	
25	1001202774	1	Cover, Rear Boom **(Prior to SN 1160008927, Excluding 1160008583 and 1160008584)**	
25	1001225426	1	Cover, Rear Boom **(SN 1160008927 to Present, Including 1160008583 and 1160008584)**	
26	1001208530J	1	Door, Battery	
27	1001208533J	1	Door, Battery	
29	0701018	1	Bolt, M10X50	
30	400095	2	5 Lobe Hand Wheel	
31	1001188548	1	Spacer	

FIGURE 1-8. REAR COVER PLATES INSTALLATION

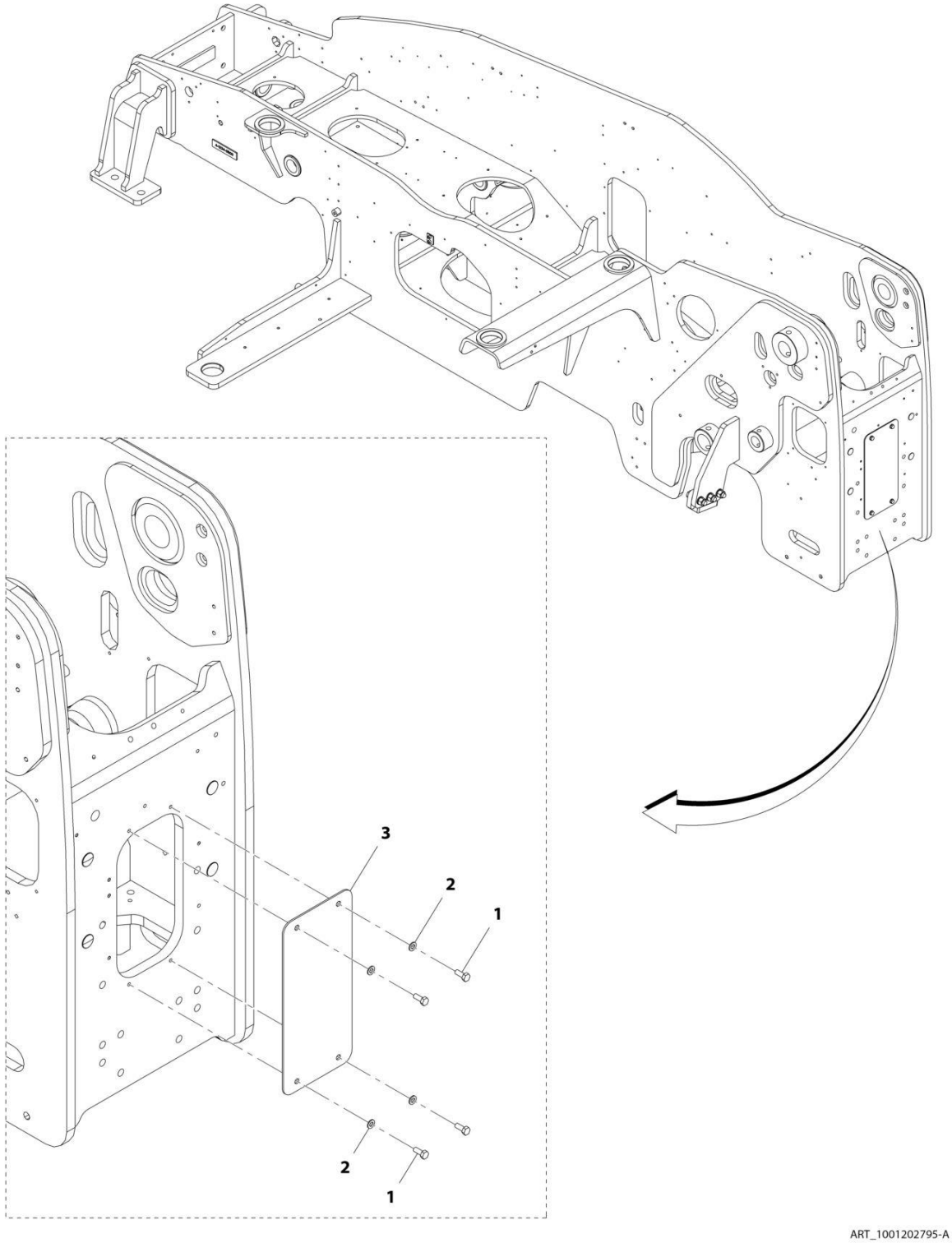


FIGURE 1-8. REAR COVER PLATES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202795	Ref	Rear Cover Plates Installation	A
1	0760810	4	Bolt, M8X20	
2	4811900	4	Washer, M8	
3	1001180191J	1	Plate, Access	

FIGURE 1-9. COUNTERWEIGHT INSTALLATION

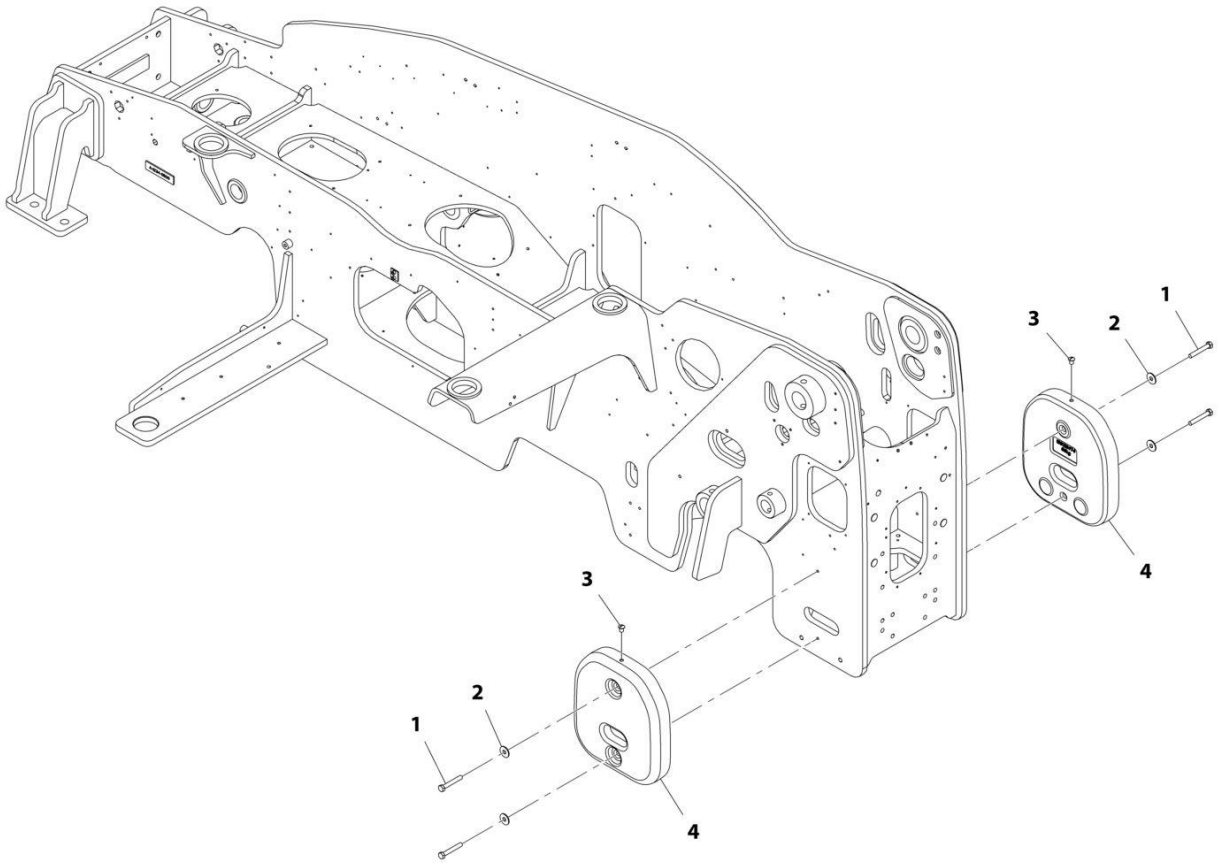


FIGURE 1-9. COUNTERWEIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212215	Ref	Counterweight Installation	A
1	0701224	4	Bolt, M12X80	
2	4812102	4	Washer, M12	
3	1001198346	2	Screw, M12X16	
4	1001211474J	2	Counterweight	

FIGURE 1-10. TANKS INSTALLATION

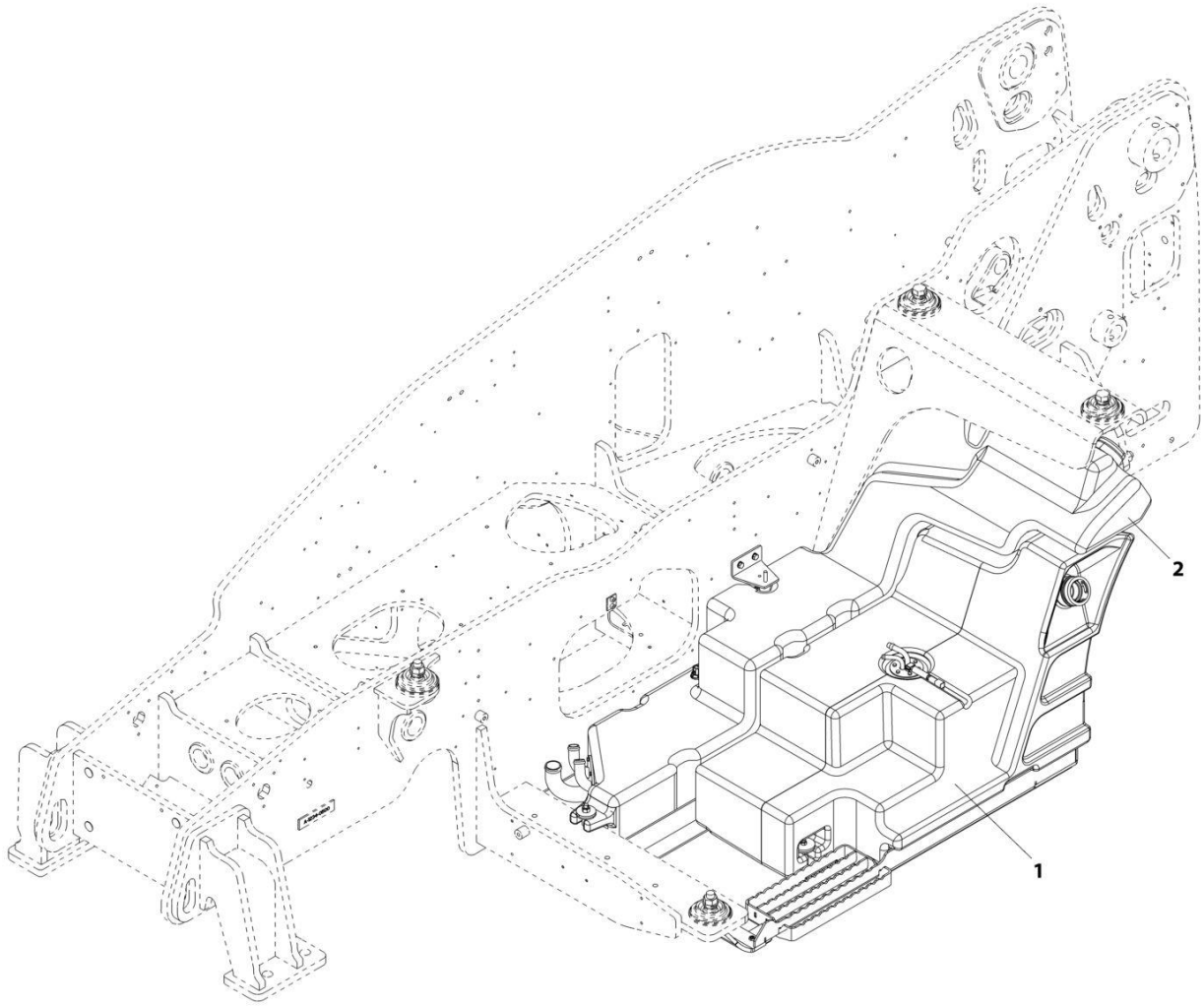


FIGURE 1-10. TANKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174608	Ref	Tanks Installation	B
1	1001176892	Ref	Installation, Fuel Tank (See Separate Breakdown in this Section)	
2	1001176893	Ref	Installation, Hydraulic Tank (See Separate Breakdown in this Section)	

FIGURE 1-11. FUEL TANK INSTALLATION

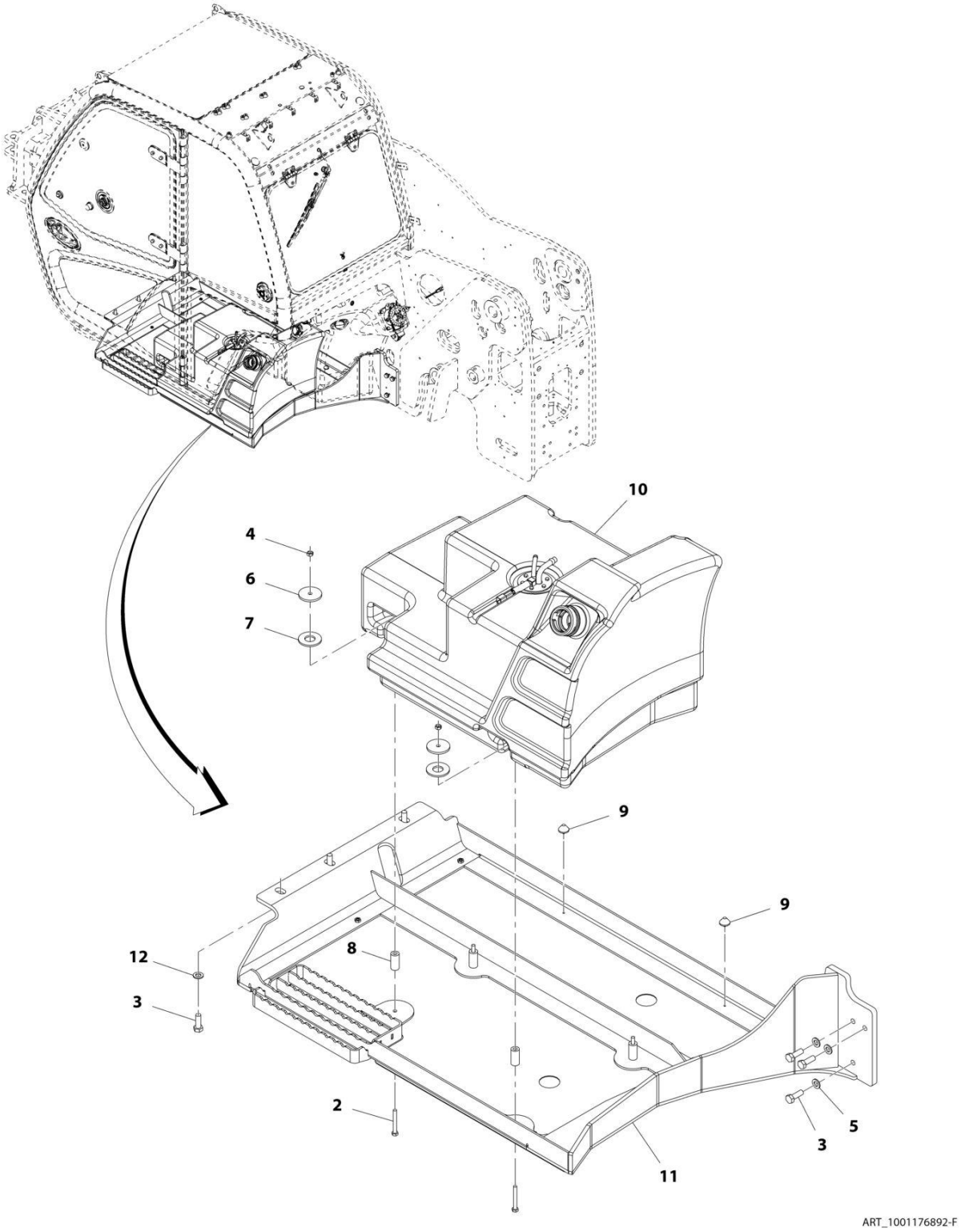


FIGURE 1-11. FUEL TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176892	Ref	Fuel Tank Installation	F
2	0700821	2	Bolt, M8X65	
3	0761215	6	Bolt, M12X35	
4	3290801	4	Nut, M8X1.25	
5	4812100	3	Washer, M12	
6	1001006259	4	Washer	
7	1001006329	4	Washer	
8	1001092122	4	Spacer	
9	1001169454	4	Mount, Buffer	
10	1001199075	1	Assembly, Fuel Tank (See Separate Breakdown in this Section)	
11	1001179608	1	Plate, Tank Support	
12	4812102	3	Washer, M12	

FIGURE 1-12. HYDRAULIC TANK INSTALLATION

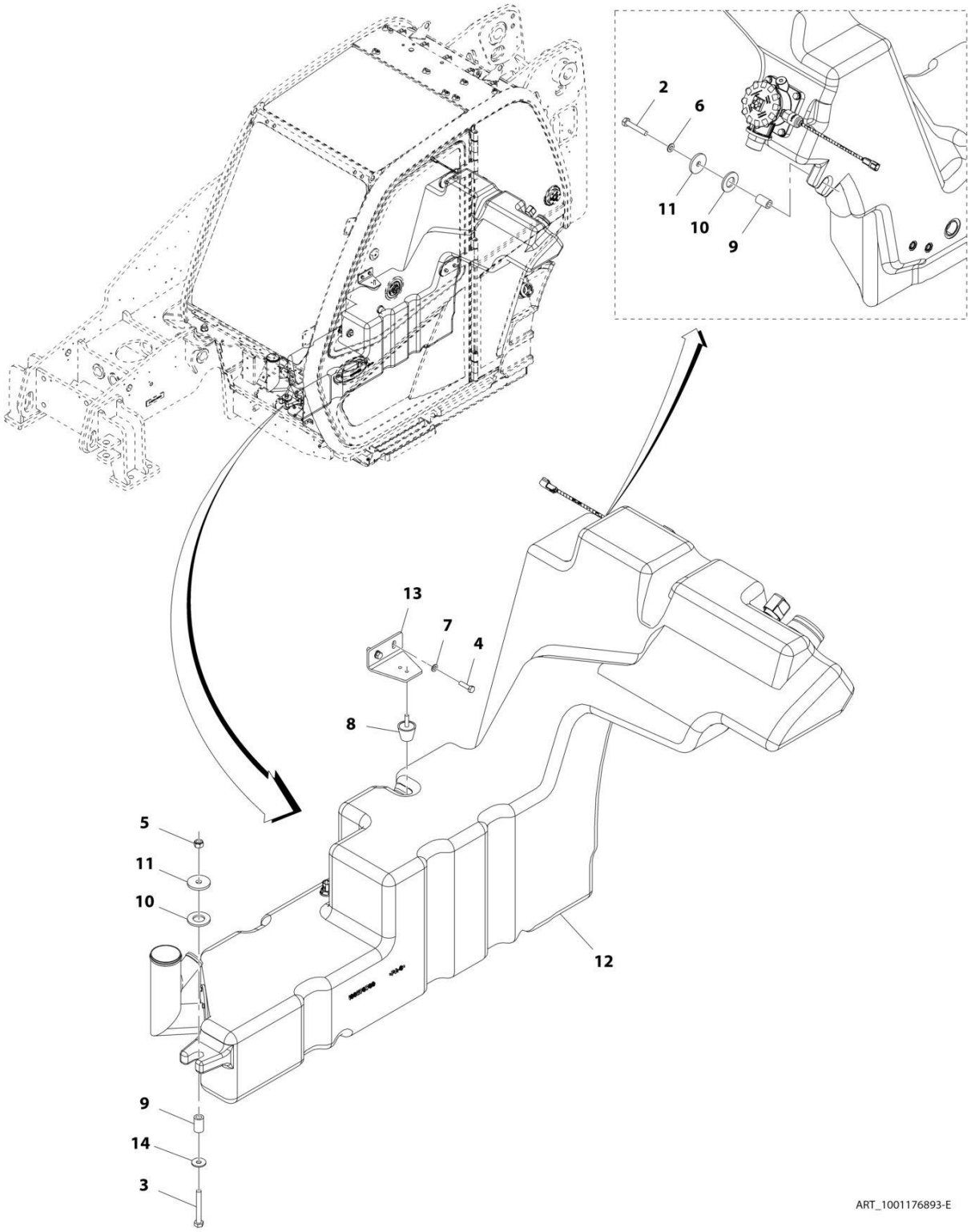


FIGURE 1-12. HYDRAULIC TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176893	Ref	Hydraulic Tank Installation	E
2	0701020	1	Bolt, M10X60	
3	0701024	1	Bolt, M10X80	
4	0760814	2	Bolt, M8X30	
5	3291005	1	Nut, Lock M10X1.5	
6	4812000	1	Washer, M10	
7	4811900	2	Washer, M8	
8	1001008575	1	Bumper	
9	1001171179	2	Spacer	
10	1001172146	2	Washer, Rubber	
11	1001172147	2	Washer, M10	
12	1001176860	1	Assembly, Hydraulic Tank (See Separate Breakdown in this Section)	
13	1001177082	1	Bracket	
14	4812002	1	Washer, M10	

FIGURE 1-13. FUEL TANK ASSEMBLY

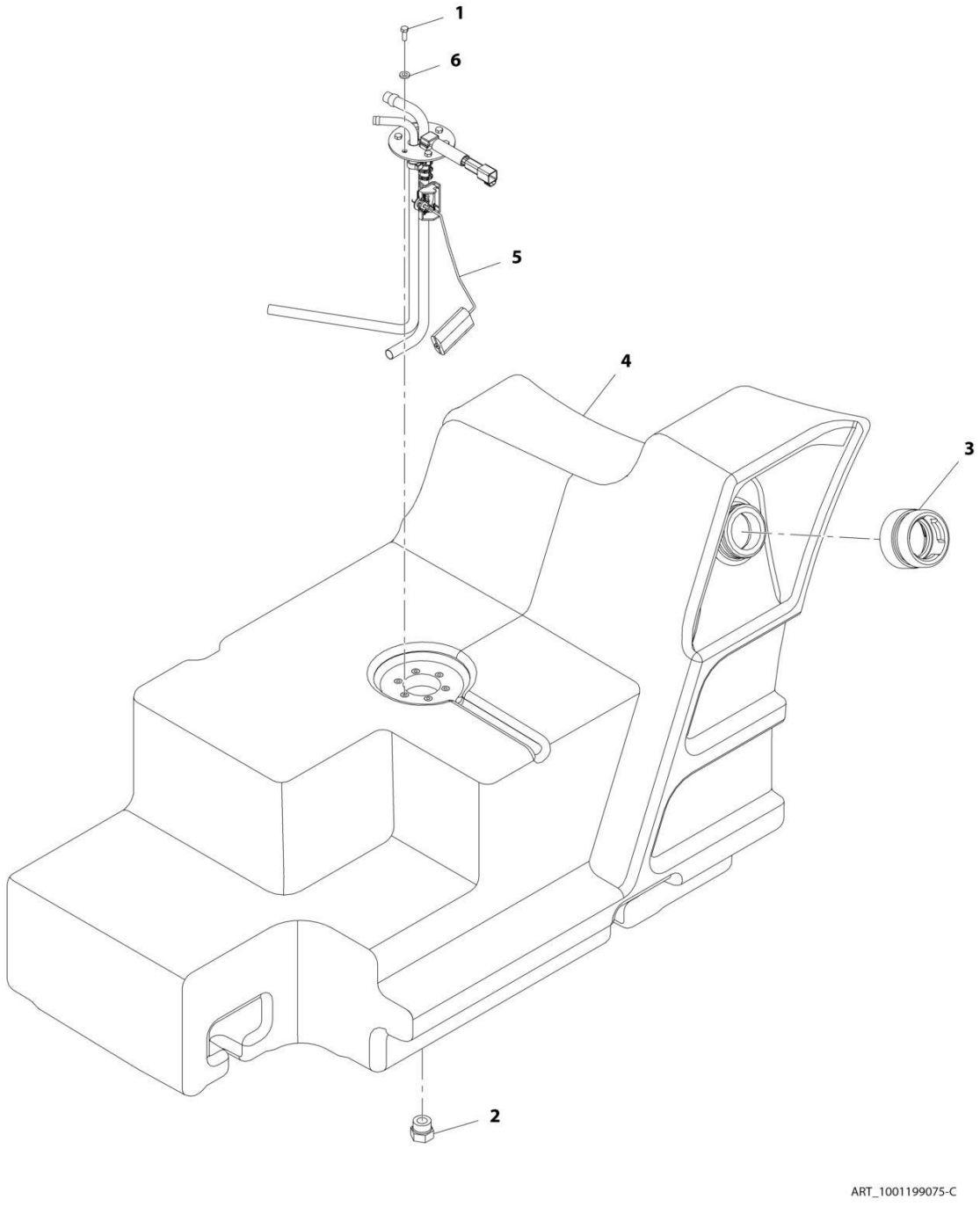


FIGURE 1-13. FUEL TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199075	Ref	Fuel Tank Assembly	C
1	4031607	6	Bolt, M5-.8X16	
2	1001003427	1	Plug	
3	1001192392	1	Adapter, Filler Neck	
4	1001199076	1	Tank, Fuel	
5	1001215017	1	Sender, Fuel Level	
6	1001222190	6	Washer, M5	

FIGURE 1-14. HYDRAULIC TANK ASSEMBLY

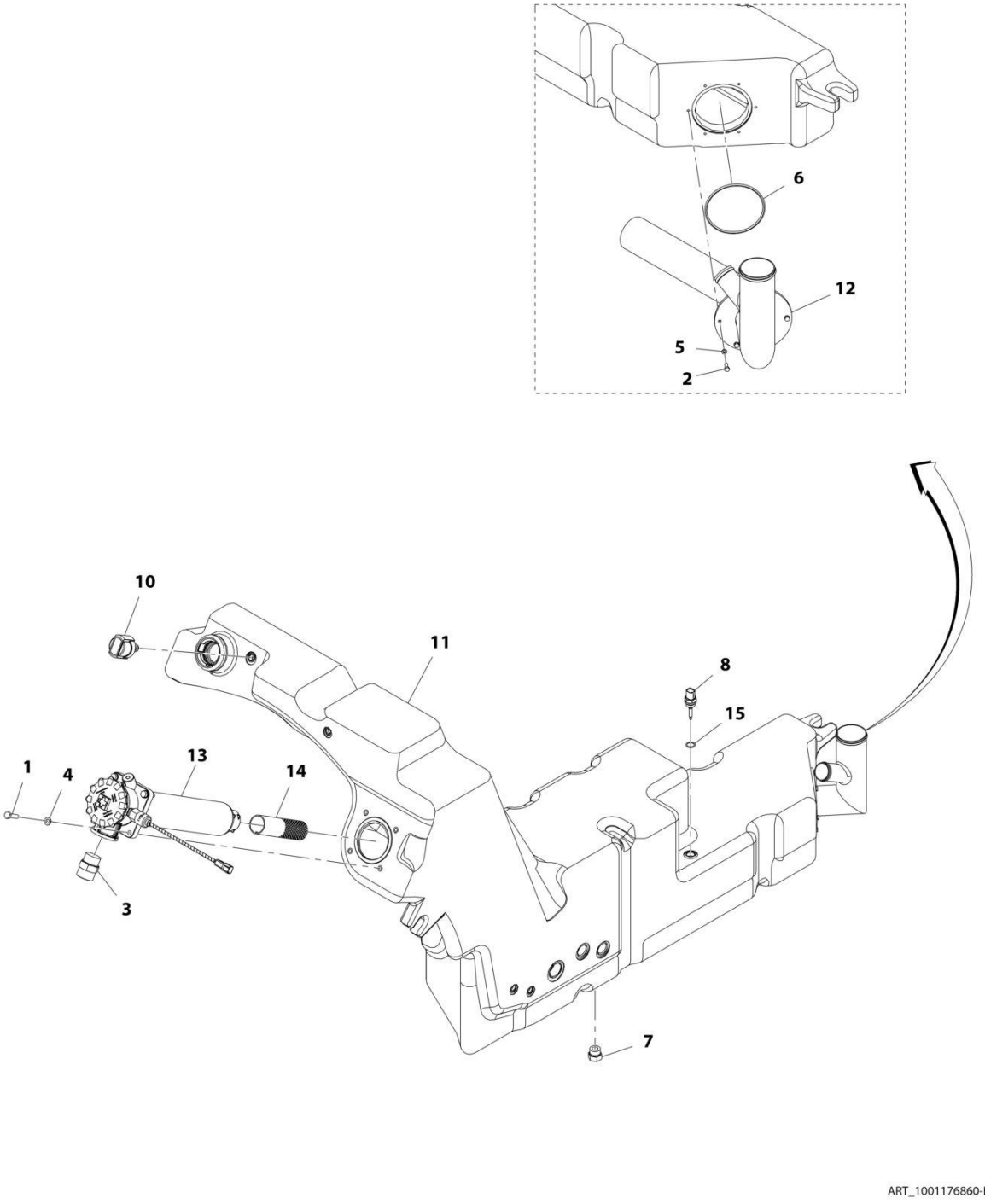


FIGURE 1-14. HYDRAULIC TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176860	Ref	Hydraulic Tank Assembly	H
1	0700814	4	Bolt, M8X30	
2	0760507	6	Bolt, M5X14	
3	2111616	1	Fitting, Straight ORFS	
4	4811900	4	Washer, M8	
5	4831600	6	Washer, Lock M5	
6	1001187713	1	O-ring	
7	1001003427	1	Plug	
8	1001128478	1	Sensor, Temperature	
10	1001162662	1	Filter, Breather	
11	1001176780	1	Tank, Hydraulic	
12	1001217548	1	Manifold, Hydraulic Suction	
13	1001182214	1	Assembly, Hydraulic Filter (See Separate Breakdown in this Section)	
14	1001187719	1	Manifold, Hydraulic Tank Diffuser	
15	1001009163	1	O-Ring	

FIGURE 1-15. FUEL AND HYDRAULIC CAP INSTALLATION

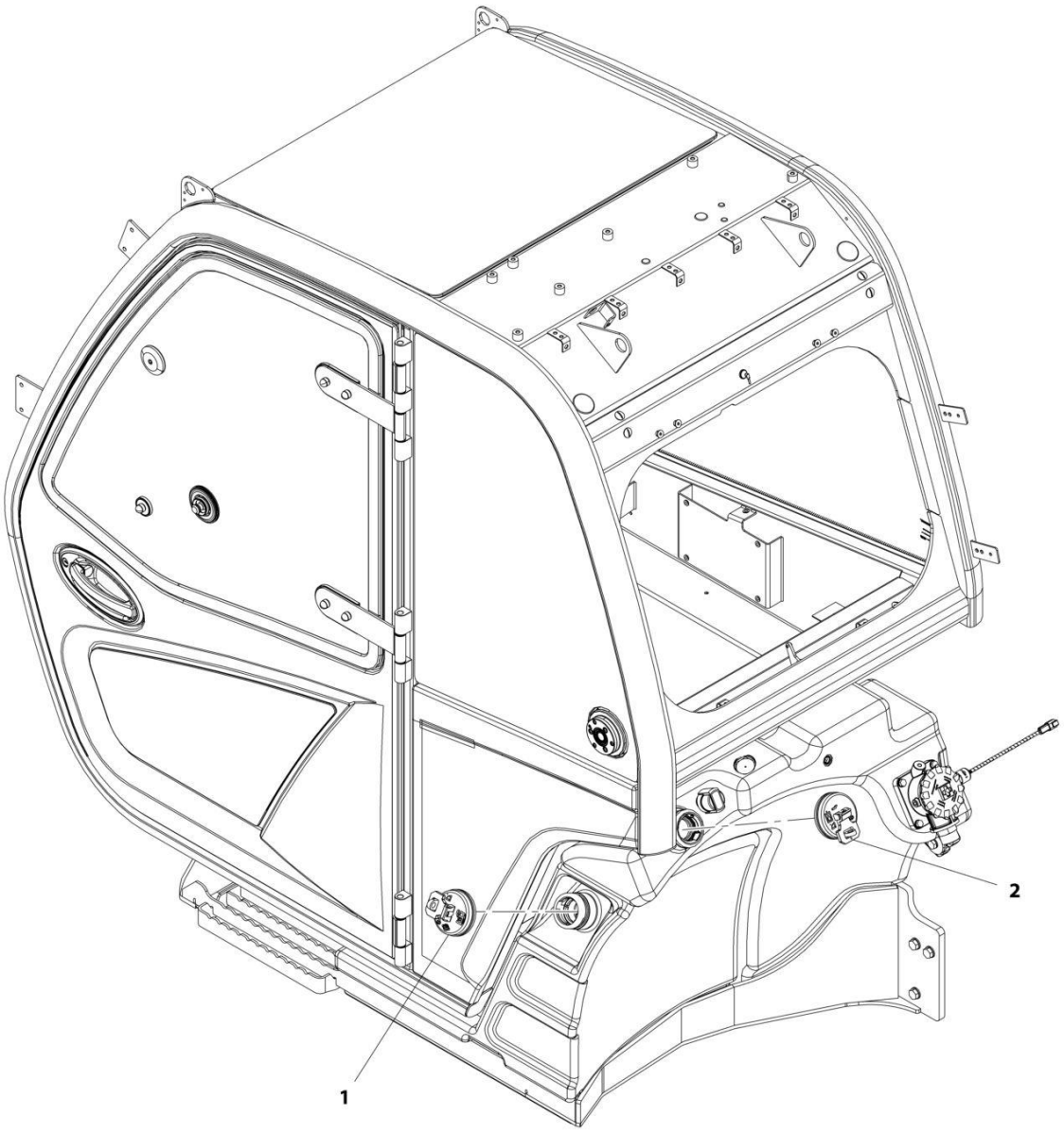


FIGURE 1-15. FUEL AND HYDRAULIC CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197273	Ref	Fuel and Hydraulic Cap Installation	A
1	1001142658	1	Cap, Fuel	
2	1001142659	1	Cap, Hydraulic	

FIGURE 1-16. DEF TANK BRACKET INSTALLATION (NO TRAILER BRAKE)

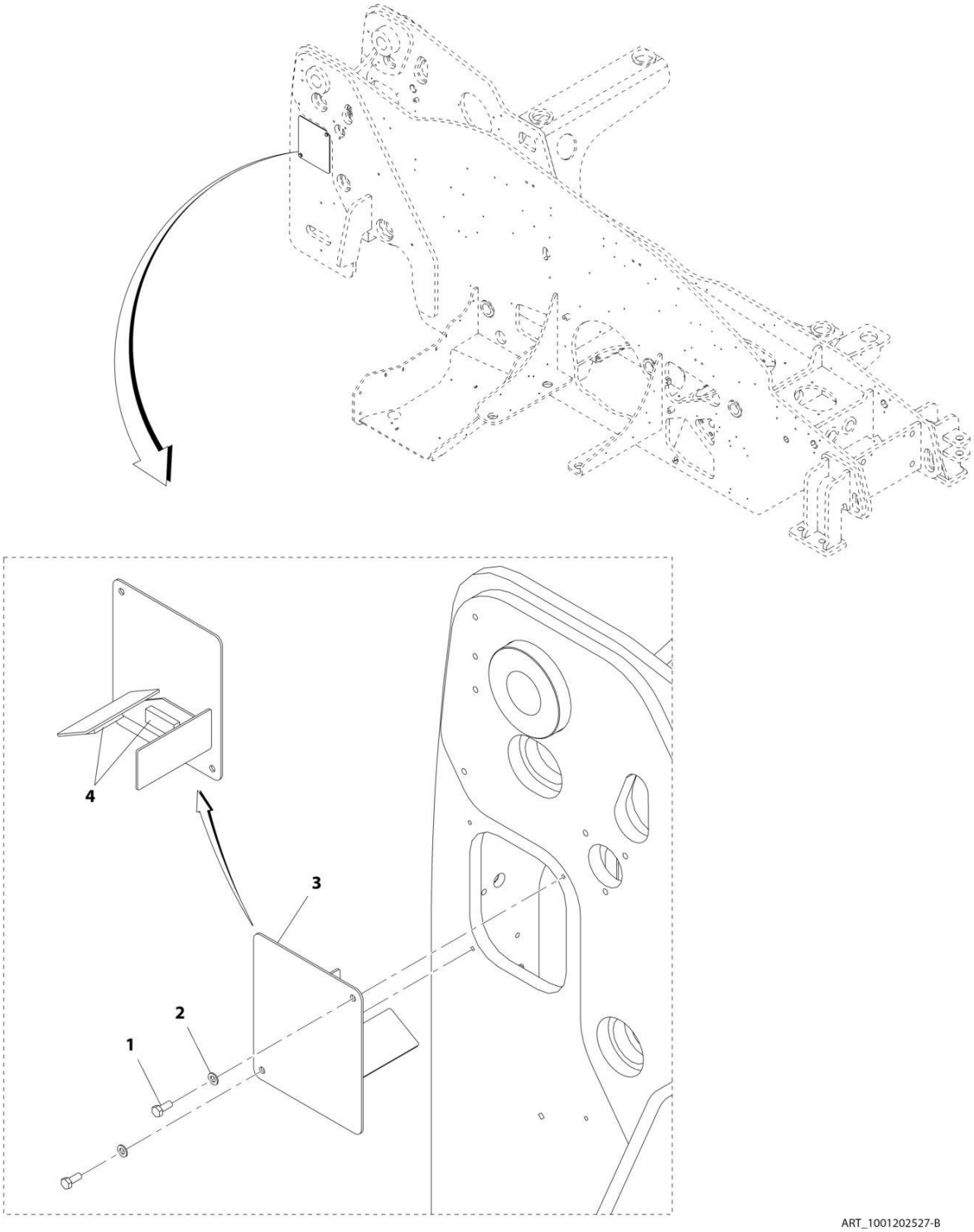


FIGURE 1-16. DEF TANK BRACKET INSTALLATION (NO TRAILER BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202527	Ref	DEF Tank Bracket Installation (No Trailer Brake)	B
1	0760810	2	Bolt, M8X20	
2	4811900	2	Washer, M8	
3	1001219260J	1	Bracket, DEF Tank	
4	1001219463	2	Seal, Foam	

FIGURE 1-17. DEF TANK BRACKET INSTALLATION (TRAILER BRAKE)

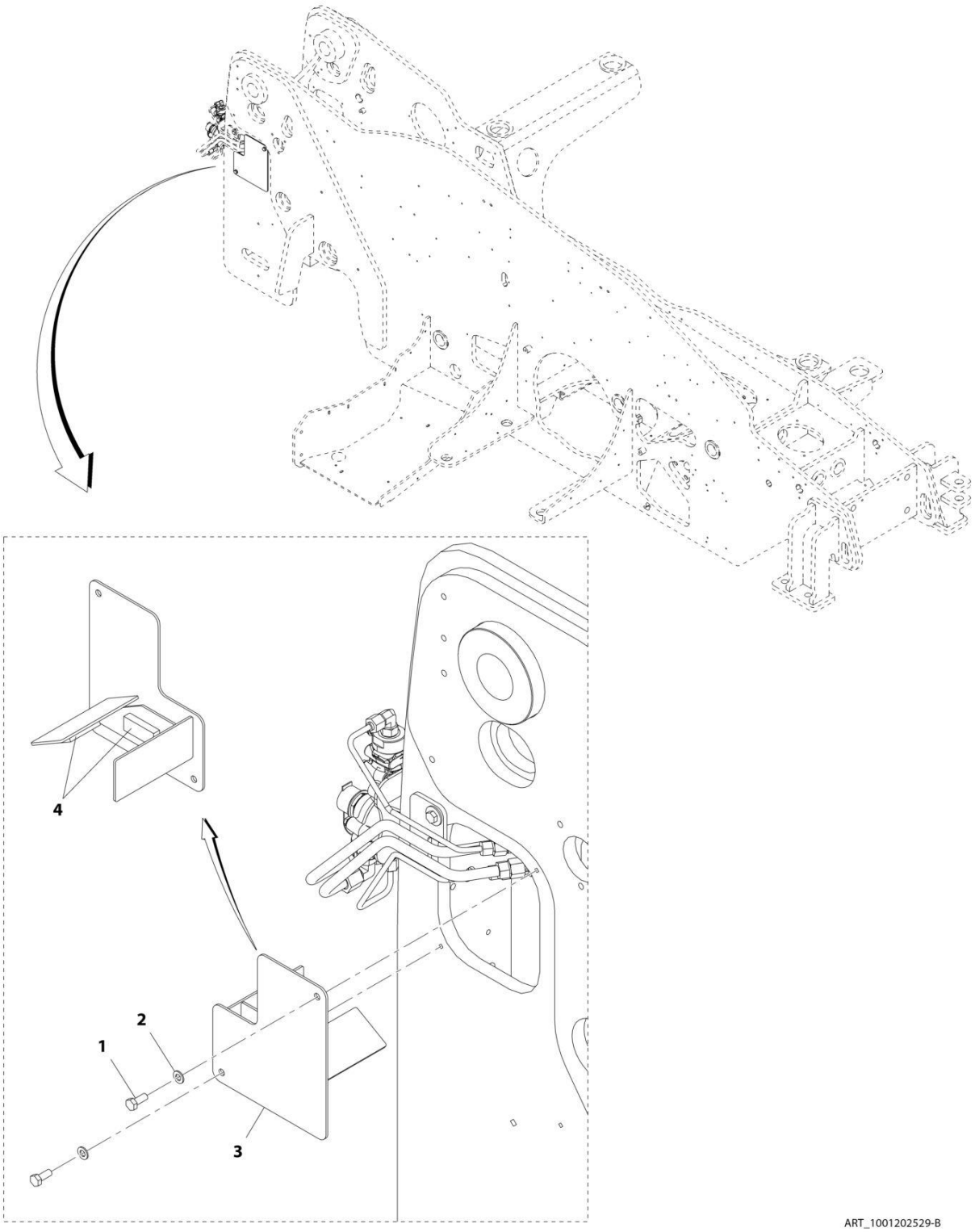


FIGURE 1-17. DEF TANK BRACKET INSTALLATION (TRAILER BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202529	Ref	DEF Tank Bracket Installation (Trailer Brake)	B
1	0760810	2	Bolt, M8X20	
2	4811900	2	Washer, M8	
3	1001219443J	1	Bracket, DEF Tank	
4	1001219463	2	Seal, Foam	

FIGURE 1-18. HITCH RETRIEVAL INSTALLATION

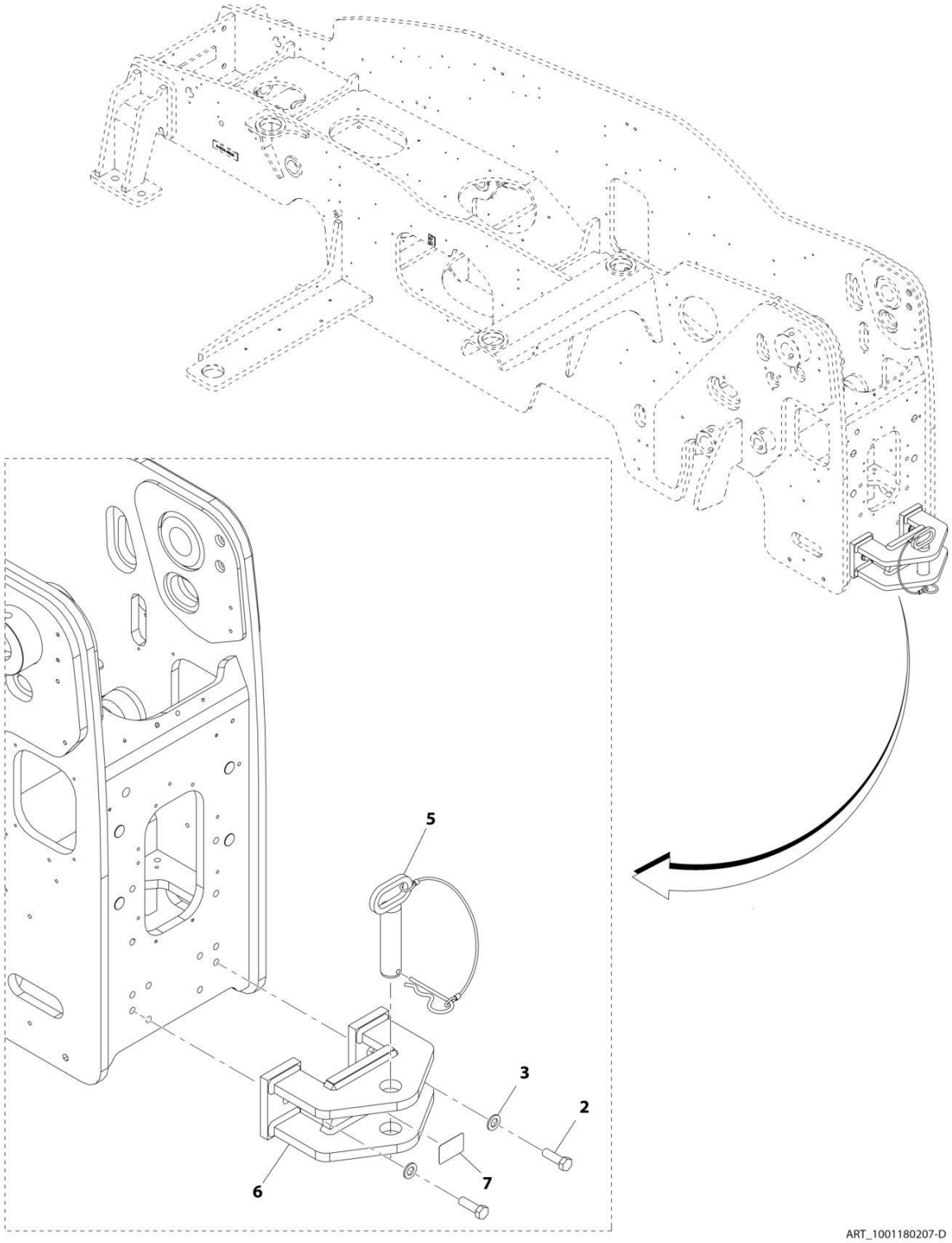


FIGURE 1-18. HITCH RETRIEVAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180207	Ref	Hitch Retrieval Installation	D
2	0771618	2	Bolt, M16X50 Grade 10.9	
3	5241600	2	Washer, M16	
4	1001003803	1	Pin (Not Shown) **(Prior to SN 1160008370)**	
5	1001005267	1	Pin **(Prior to SN 1160008370)**	
5	1001238877	1	Pin Assembly (See Separate Breakdown in this Section) **(SN 1160008370 to Present)**	
6	1001106570	NLA	Hitch, Retrieval (no longer available, use 1001238460 for replacement)	
6	1001238460	1	Hitch, Retrieval	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-19. HITCH INSTALLATION (EEC AUTO)

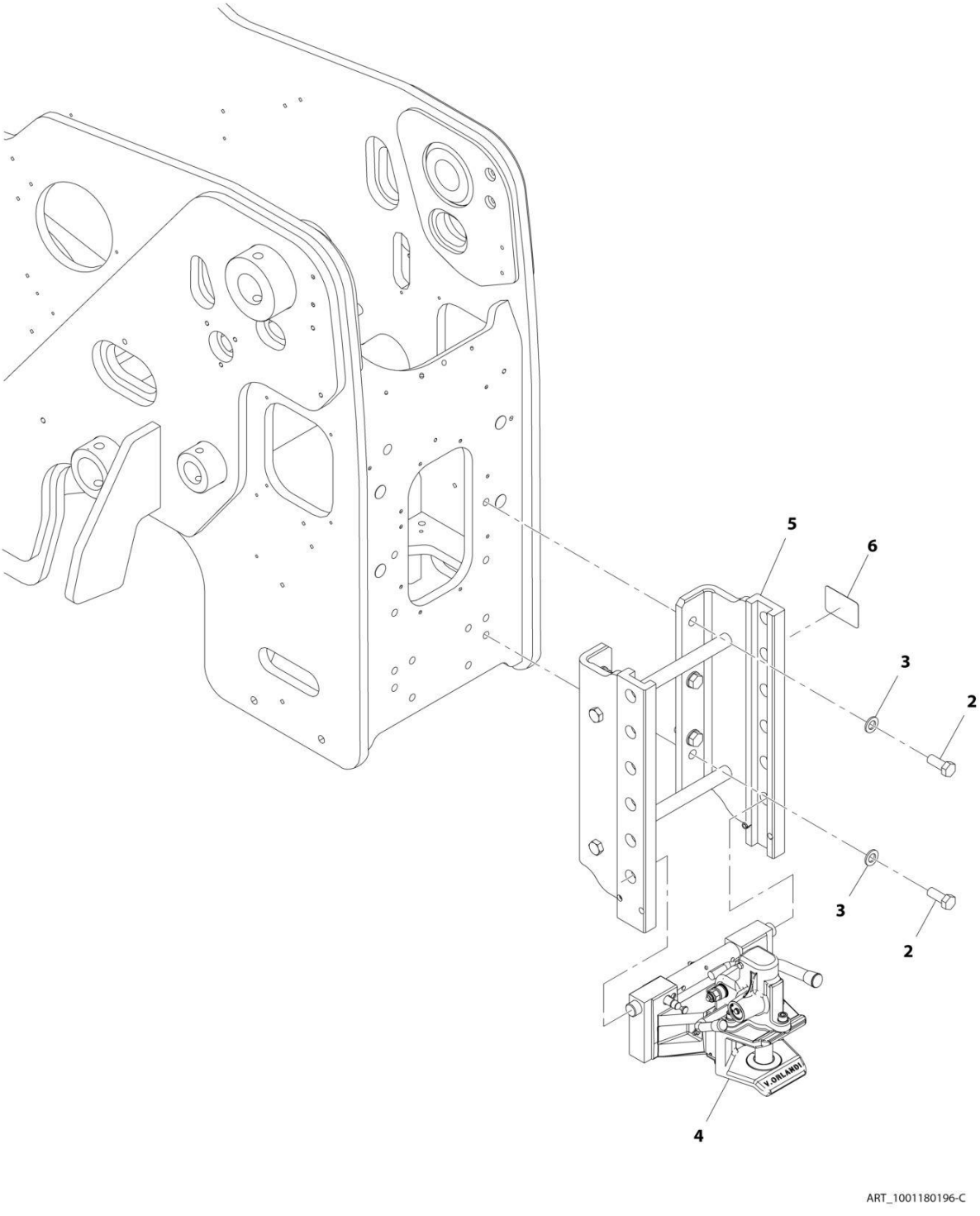


FIGURE 1-19. HITCH INSTALLATION (EEC AUTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180196	Ref	Hitch Installation (EEC Auto)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M6	
4	1001098629	1	Assembly, Hitch (EEC Auto) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001241674	1	Decal, Retrieval Point	

FIGURE 1-20. HITCH INSTALLATION (PITON)

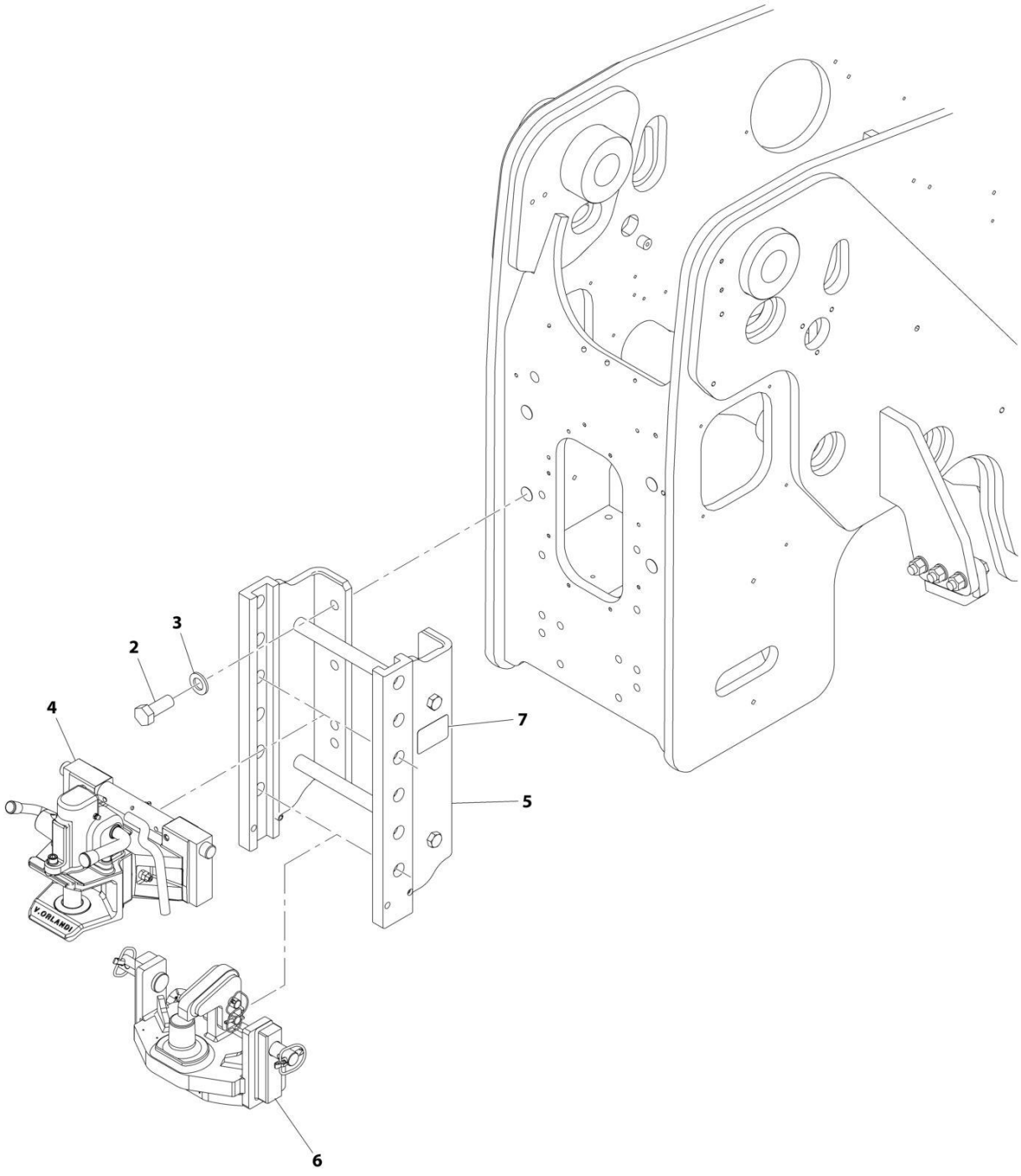


FIGURE 1-20. HITCH INSTALLATION (PITON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180202	Ref	Hitch Installation (Piton)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098629	1	Assembly, Hitch (EEC AUTO) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001185248	1	Hitch, Sliding (Piton) (See Separate Breakdown in this Section)	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-21. HITCH ASSEMBLY (EEC AUTO)

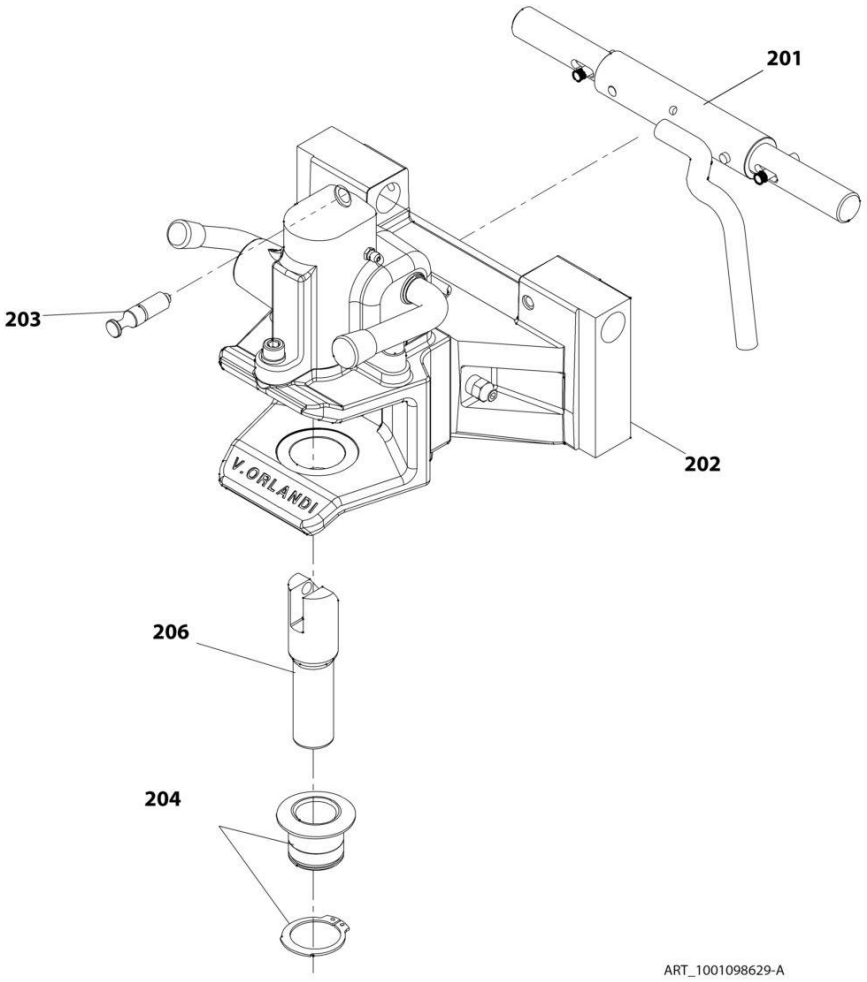


FIGURE 1-21. HITCH ASSEMBLY (EEC AUTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098629	Ref	Hitch Assembly (EEC Auto)	A
201	70022821	1	Lever, Opening	
202	70022822	1	Mechanism, Box	
203	70022823	1	Pivot, Security	
204	70022824	1	Bushing	
206	70022825	1	Pin	

FIGURE 1-22. SLIDING HITCH ASSEMBLY (PITON)

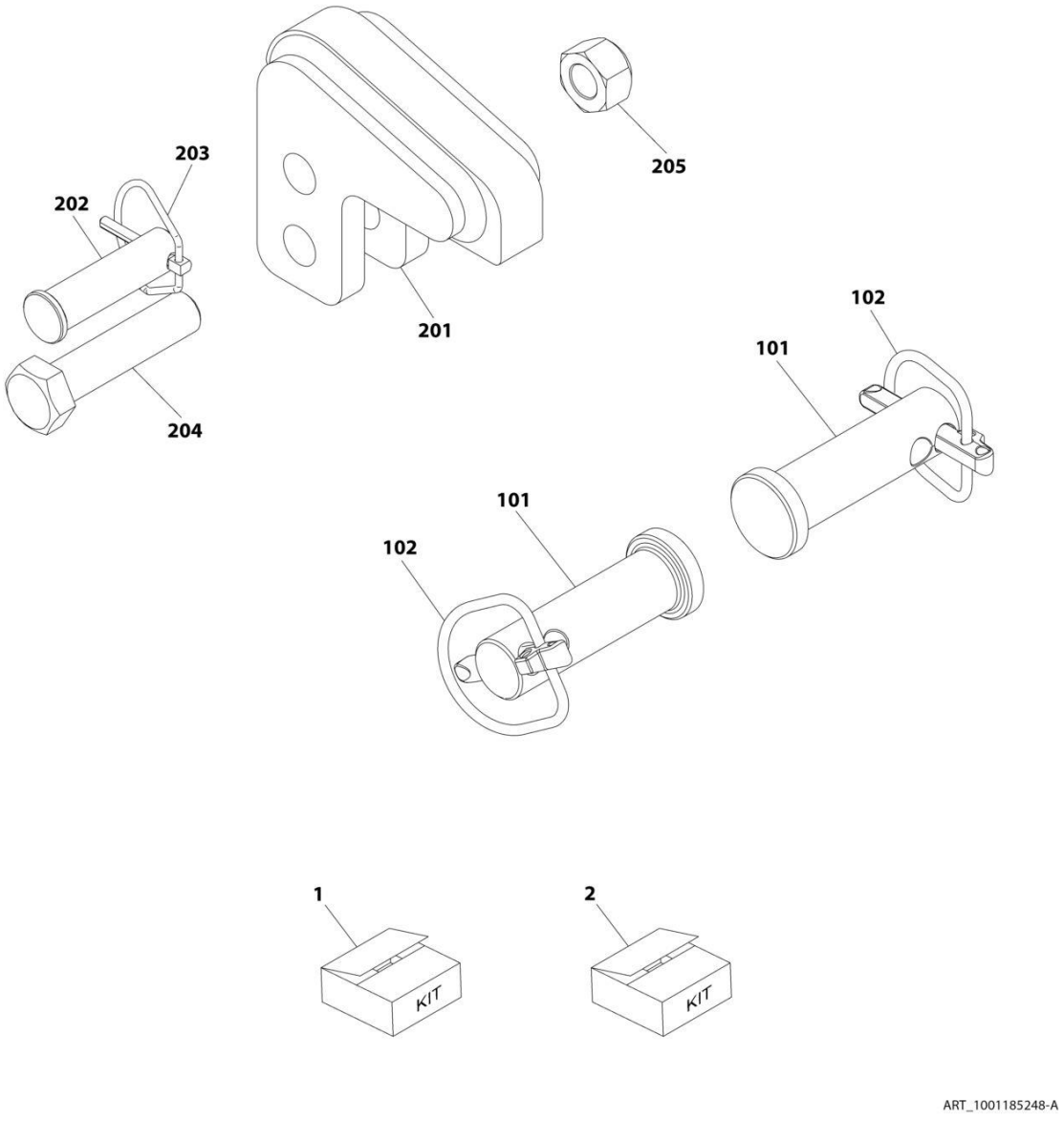


FIGURE 1-22. SLIDING HITCH ASSEMBLY (PITON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185248	Ref	Sliding Hitch Assembly (Piton)	A
1	70027175	1	Kit, Pins (includes items 101 and 102)	
2	70027174	1	Kit, Keeper (includes items 201 thru 205)	
101	Kit	2	Pin	
102	Kit	2	Pin, Safety	
201	Kit	1	Keeper	
202	Kit	1	Pin	
203	Kit	1	Pin, Safety	
204	Kit	1	Bolt, M20X95	
205	Kit	1	Nut	

FIGURE 1-23. HITCH INSTALLATION (EEC MANUAL)

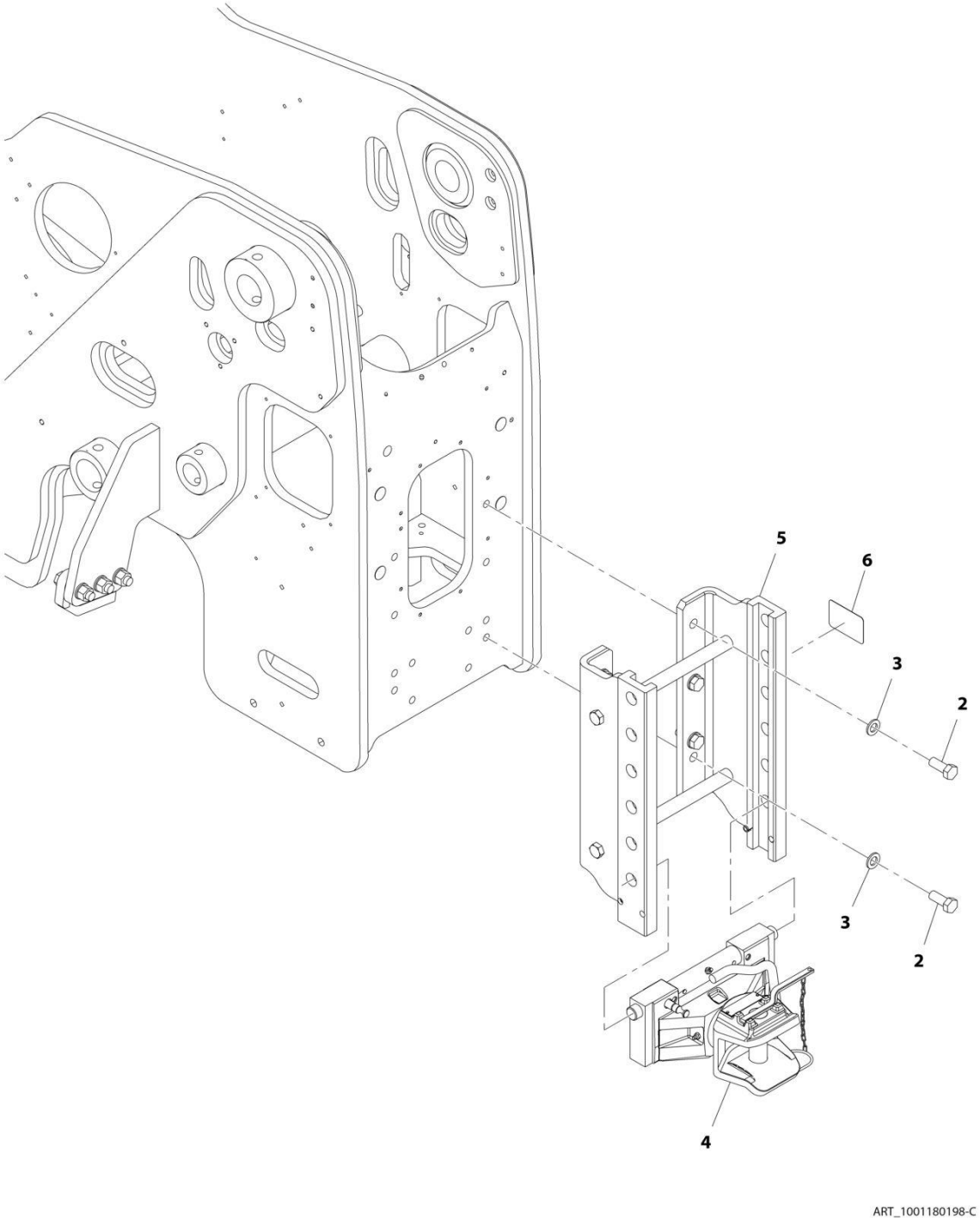


FIGURE 1-23. HITCH INSTALLATION (EEC MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180198	Ref	Hitch Installation (EEC Manual)	C
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098630	1	Assembly, Hitch (EEC Manual) (See Separate Breakdown in this Section)	
5	1001183274	1	Hitch, Sliding Towing Bracket	
6	1001241674	1	Decal, Retrieval Point	

FIGURE 1-24. HITCH ASSEMBLY (EEC MANUAL)

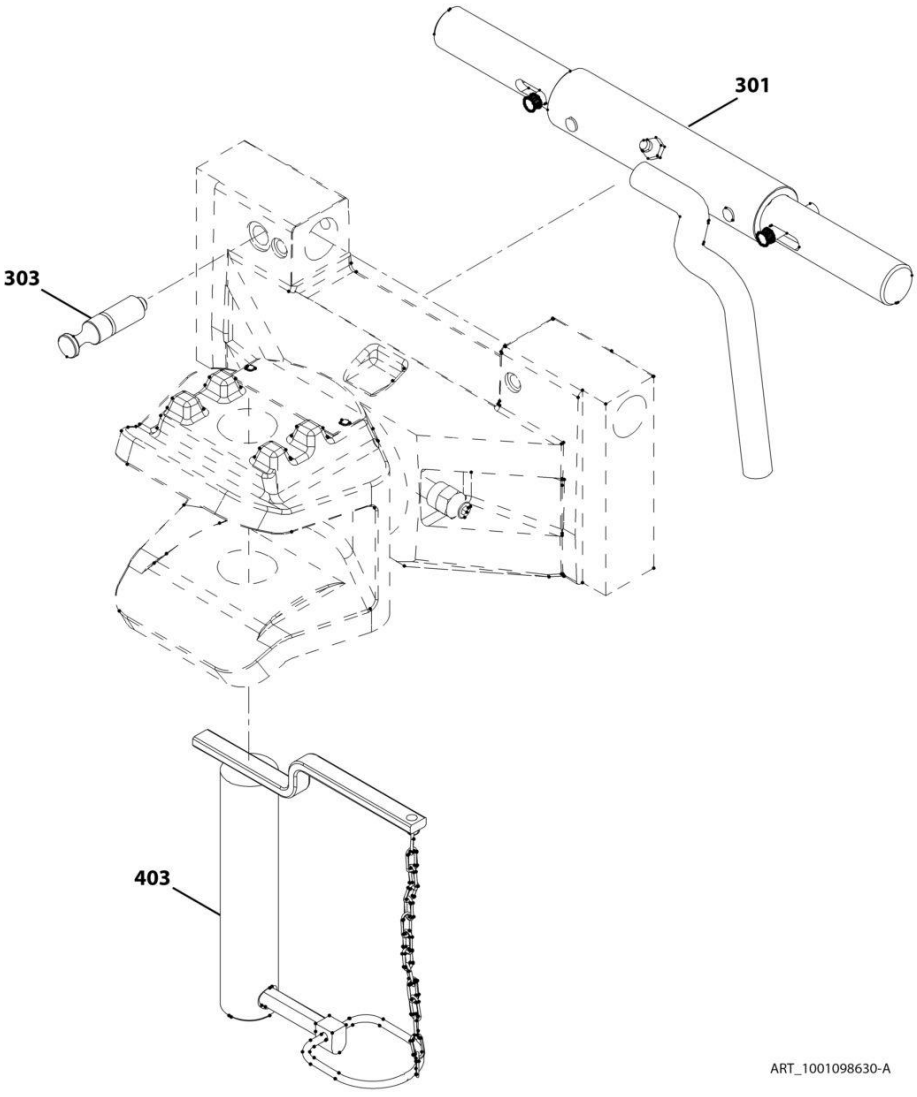


FIGURE 1-24. HITCH ASSEMBLY (EEC MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098630	Ref	Hitch Assembly (EEC Manual)	A
301	70022821	1	Lever, Opening	
303	70022823	1	Pivot, Security	
403	70022826	1	Pin	

FIGURE 1-25. HITCH INSTALLATION (CUNA CATEGORY C)

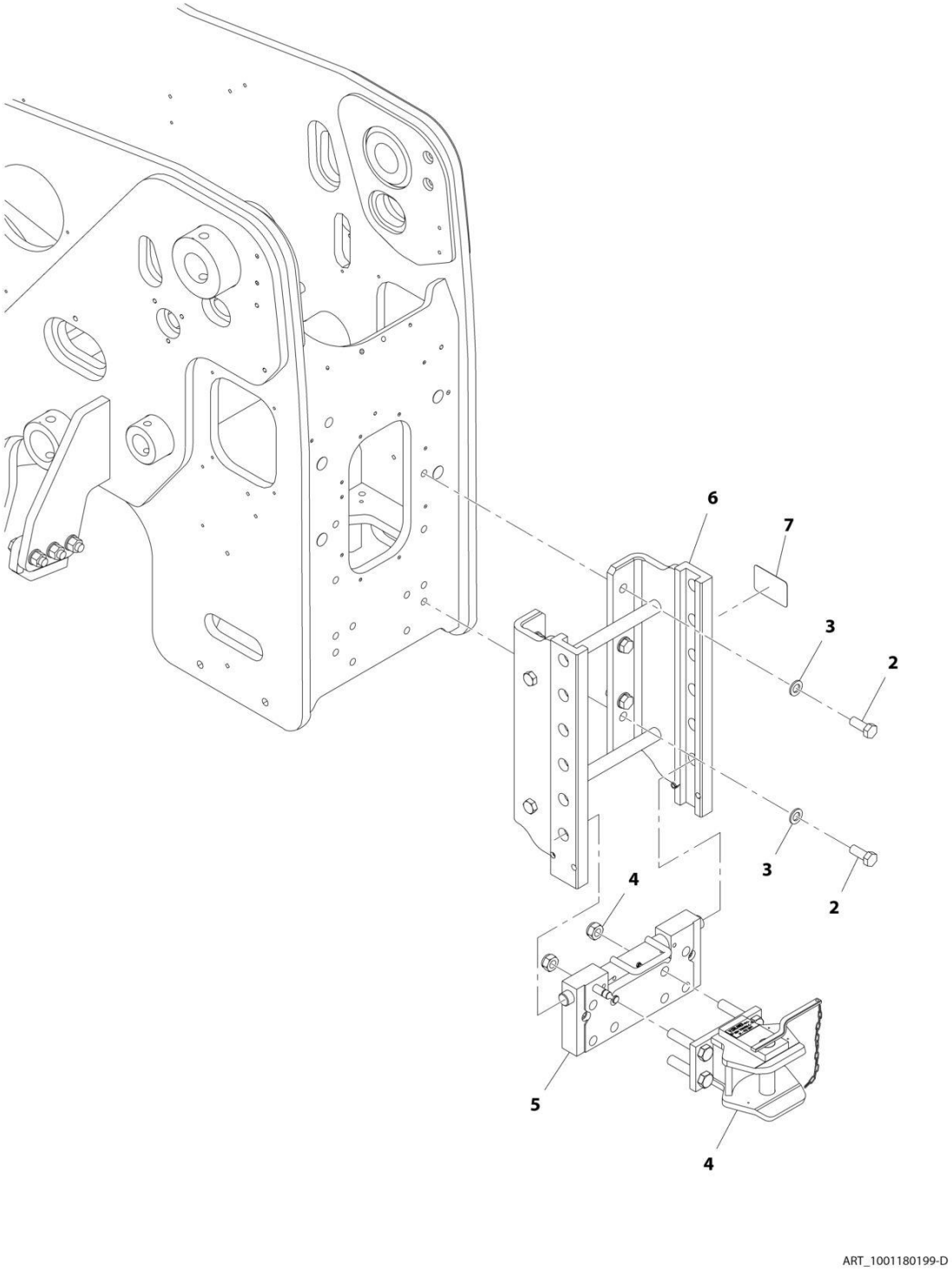


FIGURE 1-25. HITCH INSTALLATION (CUNA CATEGORY C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180199	Ref	Hitch Installation (CUNA Category C)	D
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098631	1	Assembly, Hitch (CUNA Category C) (See Separate Breakdown in this Section)	
5	1001098636	1	Plate, Adaptor	
6	1001183274	1	Hitch, Sliding Towing Bracket	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-26. HITCH ASSEMBLY (CUNA CATEGORY C)

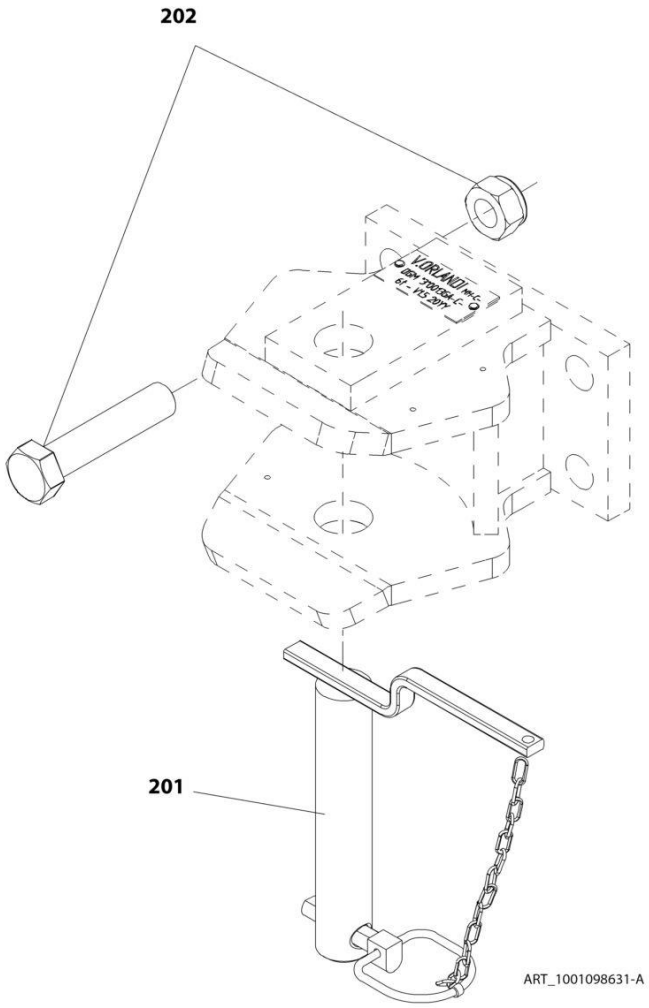


FIGURE 1-26. HITCH ASSEMBLY (CUNA CATEGORY C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098631	Ref	Hitch Assembly (CUNA Category C)	A
201	70022818	1	Pin	
202	70022819	1	Hardware, Mounting	

FIGURE 1-27. HITCH INSTALLATION (CUNA CATEGORY D2)

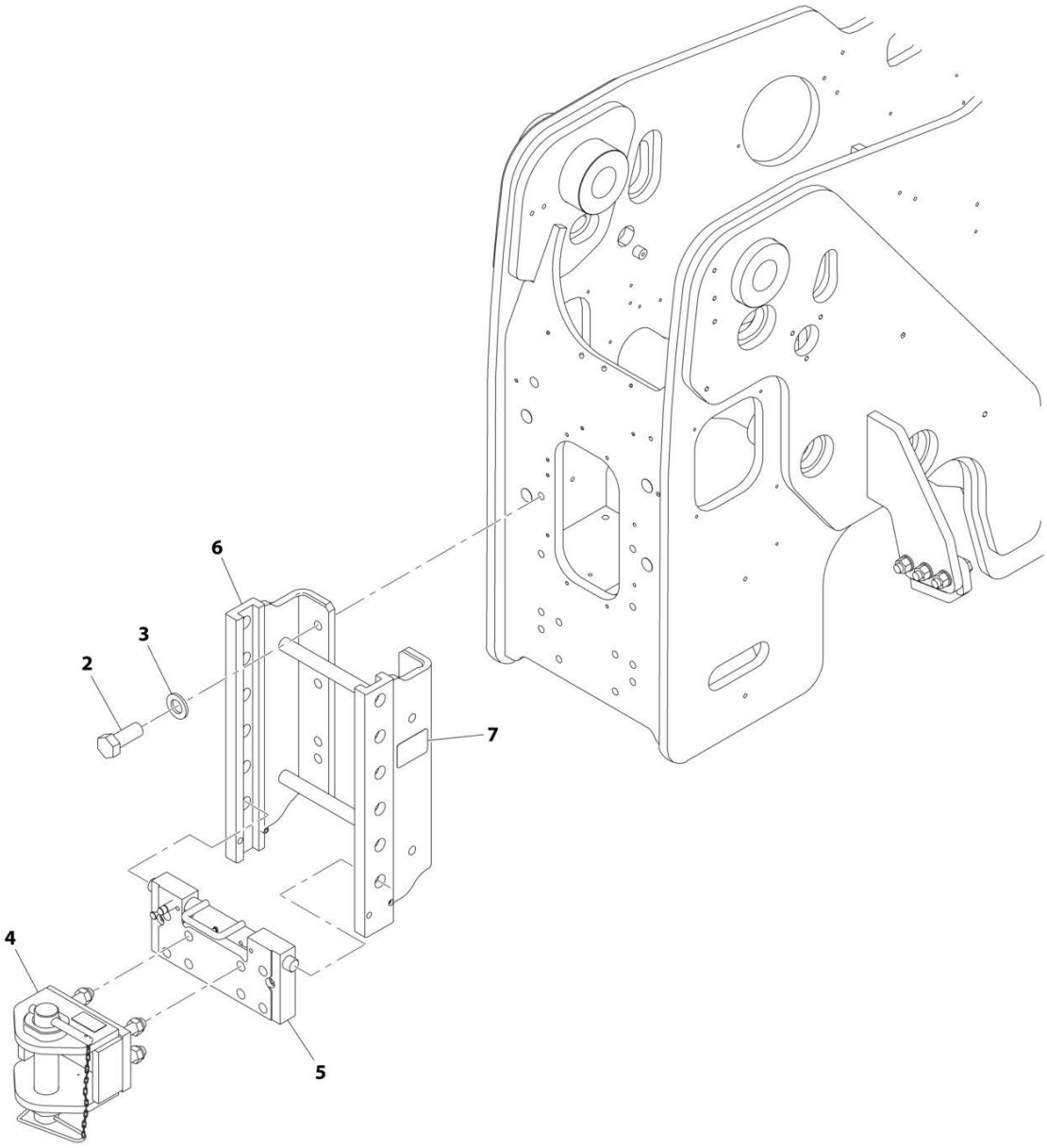


FIGURE 1-27. HITCH INSTALLATION (CUNA CATEGORY D2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180200	Ref	Hitch Installation (CUNA Category D2)	D
2	0701616	8	Bolt, M16X40	
3	4812300	8	Washer, M16	
4	1001098632	1	Assembly, Hitch (CUNA Category D2) (See Separate Breakdown in this Section)	
5	1001098636	1	Plate, Adaptor	
6	1001183274	1	Hitch, Sliding Towing Bracket	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-28. HITCH ASSEMBLY (CUNA CATEGORY D2)

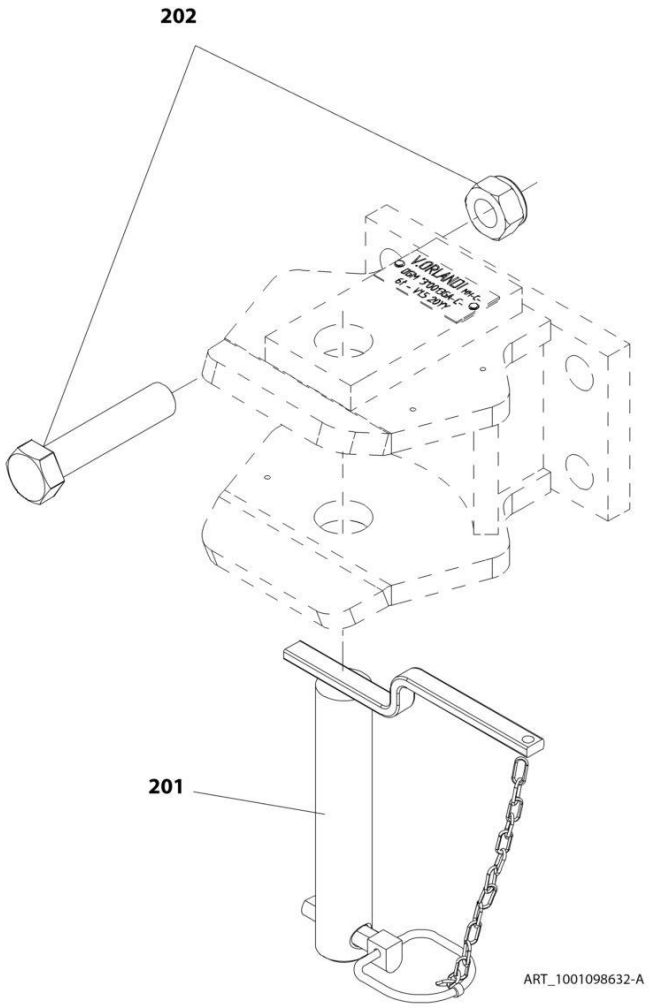


FIGURE 1-28. HITCH ASSEMBLY (CUNA CATEGORY D2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098632	Ref	Hitch Assembly (CUNA Category D2)	A
202	70022818	1	Hardware, Mounting	
301	70022819	4	Pin	

FIGURE 1-29. HITCH INSTALLATION (FIXED)

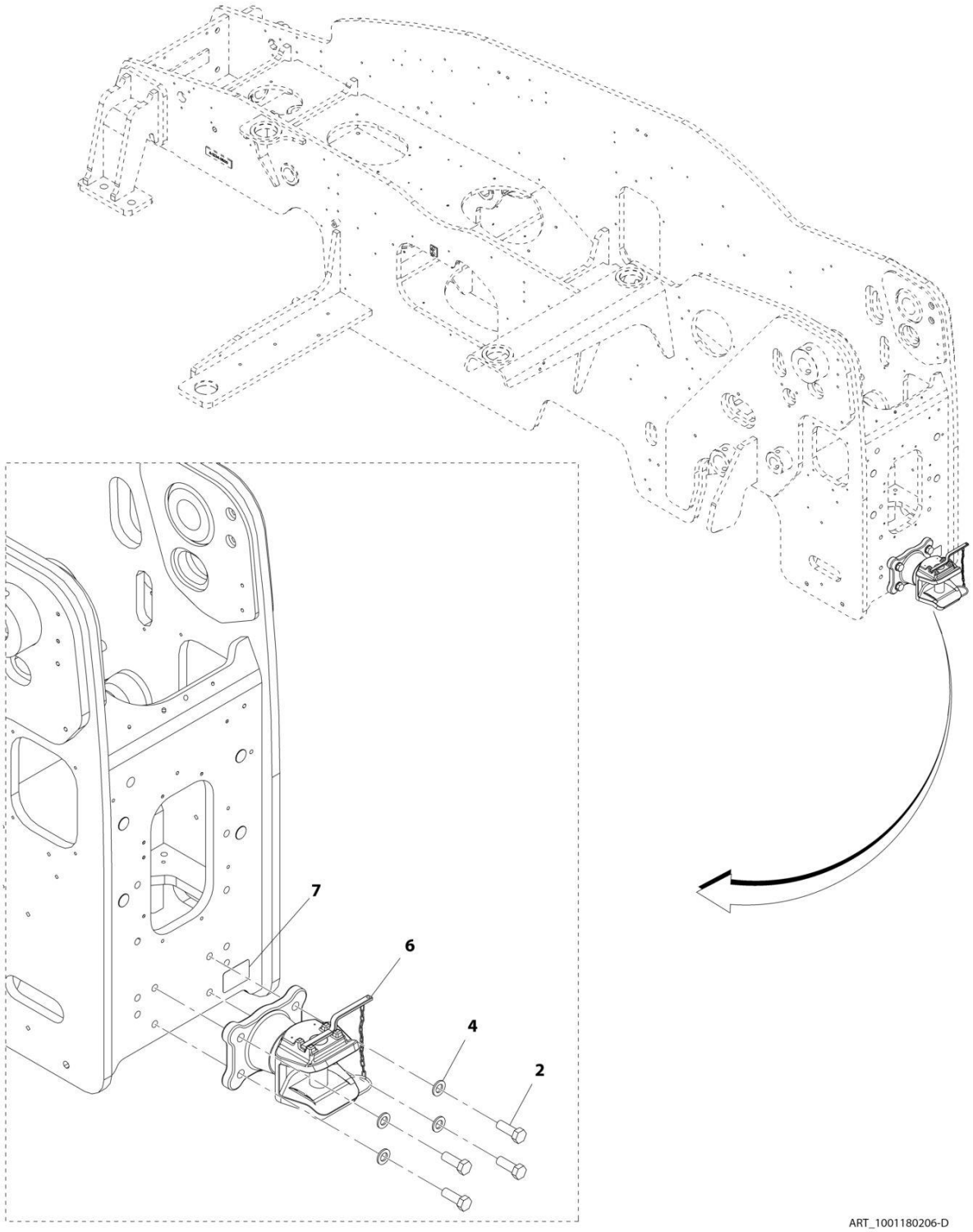


FIGURE 1-29. HITCH INSTALLATION (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180206	Ref	Hitch Installation (Fixed)	D
2	0701617	4	Bolt, M16X45	
4	4812300	4	Washer, M16	
6	1001110849	1	Assembly, Hitch (Fixed) (See Separate Breakdown in this Section)	
7	1001241674	1	Decal, Retrieval Point	

FIGURE 1-30. HITCH ASSEMBLY (FIXED)

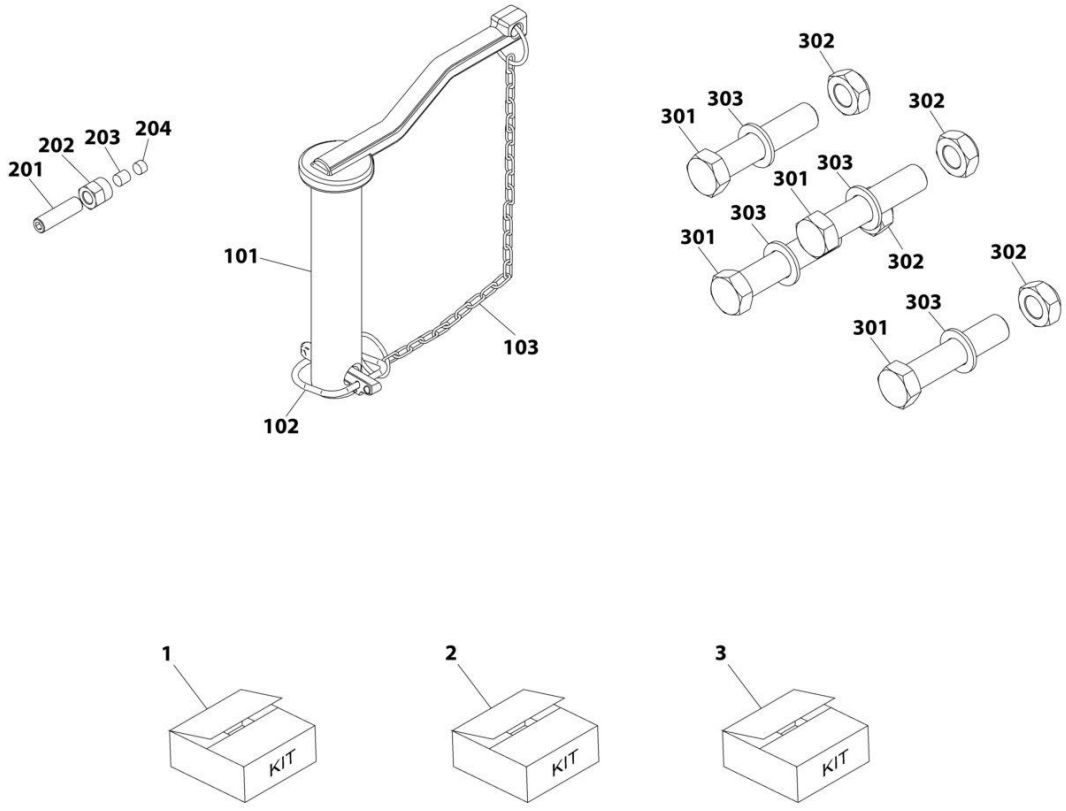


FIGURE 1-30. HITCH ASSEMBLY (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110849	Ref	Hitch Assembly (Fixed)	B
1	70027178	1	Kit, Towing Pin (includes items 101 thru 103)	
2	70027176	1	Kit, Friction (includes items 201 thru 204)	
3	70027177	1	Kit, Screws (includes items 301 thru 303)	
101	Kit	1	Pin	
102	Kit	1	Chain, Safety	
103	Kit	1	Pin, Safety	
201	Kit	1	Screw, M16X80	
202	Kit	1	Nut, M10	
203	Kit	1	Insert	
204	Kit	1	Insert	
301	Kit	4	Screw, M16X80	
302	Kit	4	Nut, M16	
303	Kit	4	Washer	

FIGURE 1-31. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH)

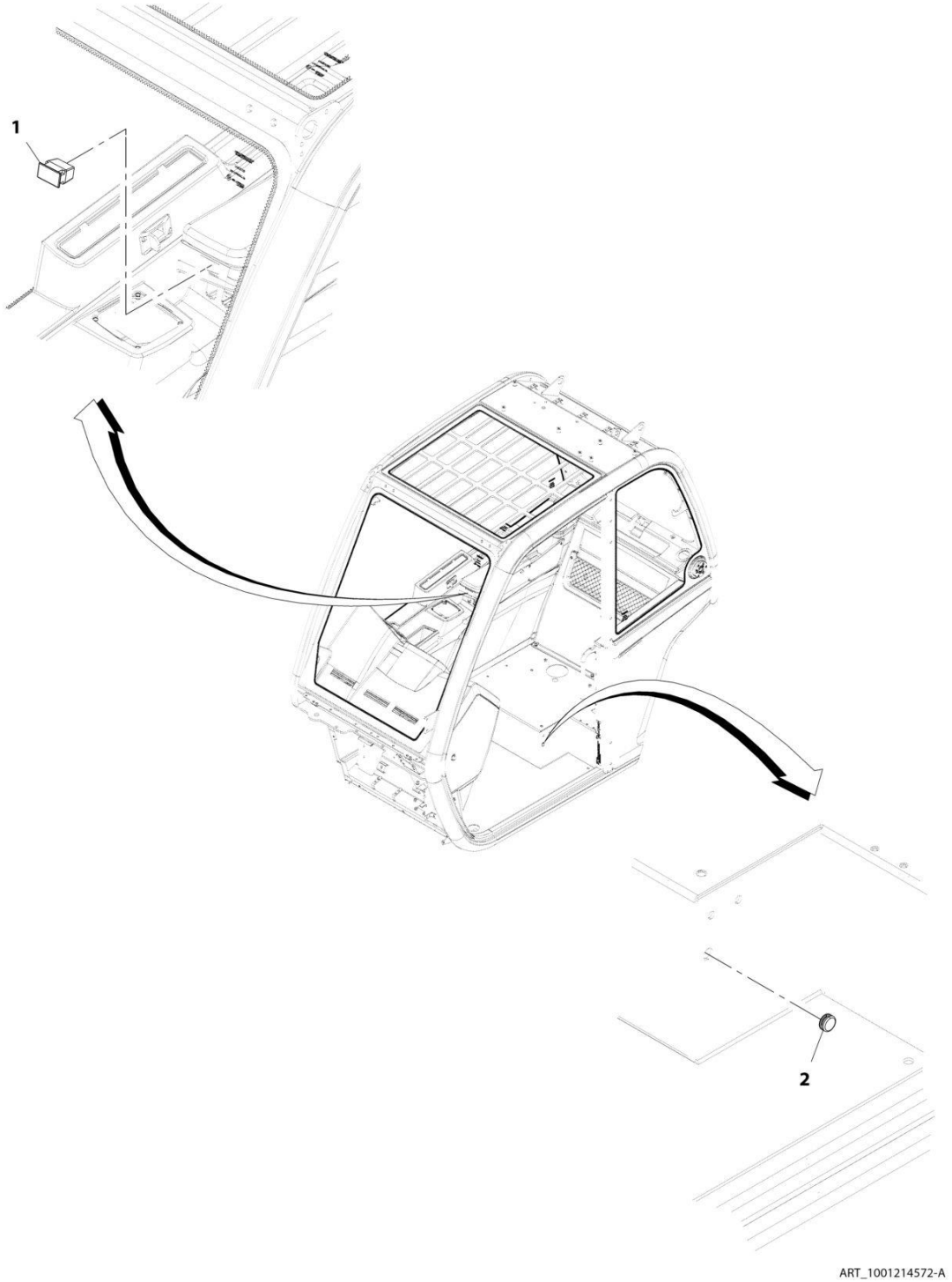


FIGURE 1-31. CAB PLUG INSTALLATION (NON HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214572	1	Cab Plug Installation (Non Hydraulic Hitch)	A
1	4360669	1	Cover, Switch	
2	1001176323	1	Plug	

FIGURE 1-32. HITCH INSTALLATION (HYDRAULIC)

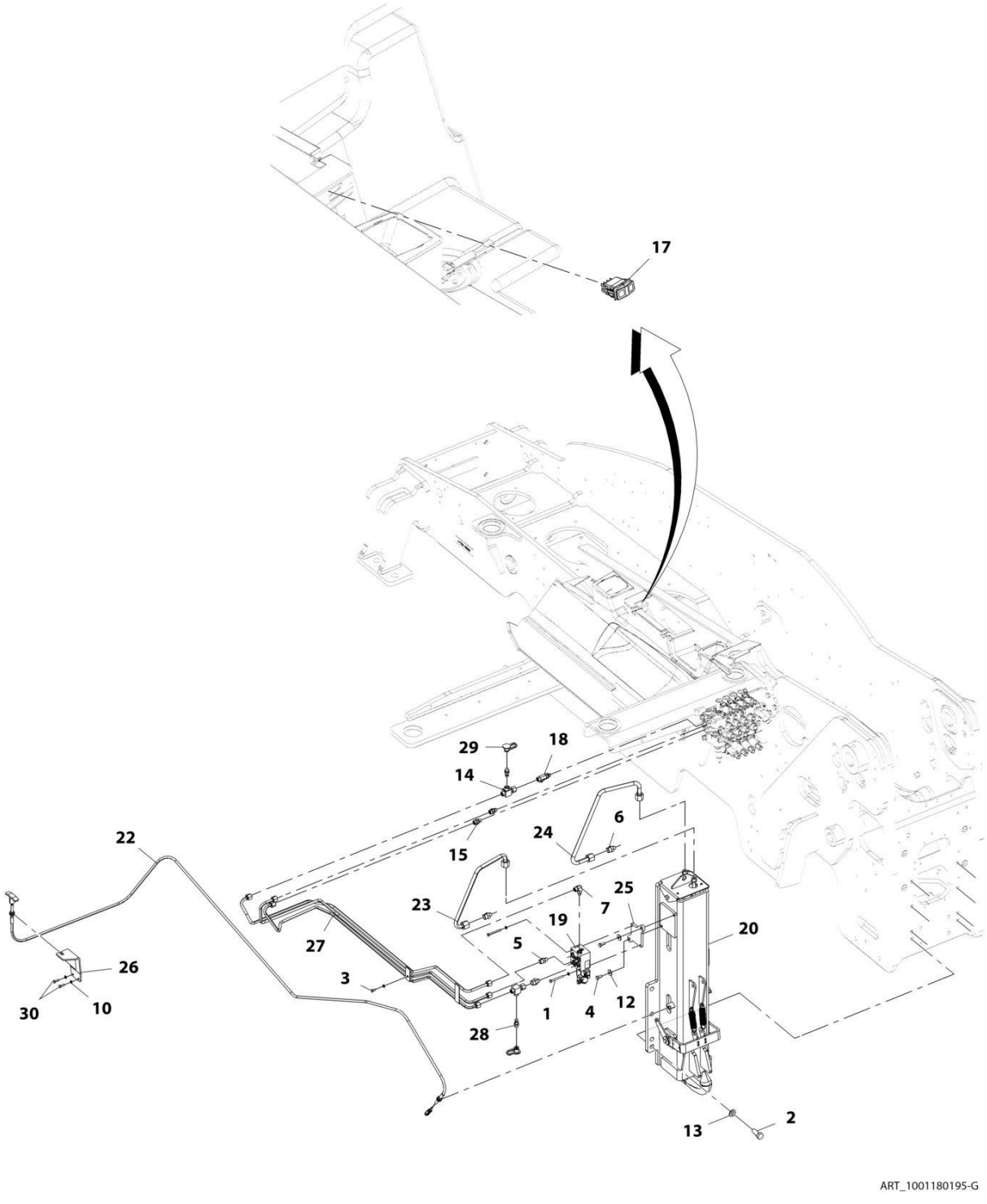


FIGURE 1-32. HITCH INSTALLATION (HYDRAULIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180195	Ref	Hitch Installation (Hydraulic)	G
1	0700620	2	Bolt, M6X60	
2	0711616	8	Bolt, M16X40	
3	0760607	1	Bolt, M6X14	
4	0760810	2	Bolt, M8X20 **(Prior to SN 1160008583)**	
4	0761010	2	Bolt, M10X20 **(SN 1160008583 to Present)**	
5	2110606	2	Fitting, Straight ORFS	
6	2110806	2	Fitting, Straight ORFS	
7	2130604	1	Fitting, 90 ORFS	
10	4811700	5	Washer, M6	
12	4811902	2	Washer, M8 **(Prior to SN 1160008583)**	
12	4812000	2	Washer, M10 **(SN 1160008583 to Present)**	
13	4812300	8	Washer, M16	
14	1001033119	2	Fitting, Straight ORFS	
15	80233218	2	Fitting, Straight ORFS	
17	1001198836	1	Switch, Hitch	
18	1001169800	1	Fitting, Tee ORFS	
19	1001173770	1	Valve, Pickup Hitch Control (See Separate Breakdown in this Section) **(Prior to SN 1160008583)**	
19	1001226722	1	Valve, Pickup Hitch Control (See Separate Breakdown in this Section) **(SN 1160008583 to Present)**	
20	1001182763	1	Assembly, Hitch (Hydraulic) (See Separate Breakdown in this Section)	
22	1001185720	1	Cable, Hitch Release	
23	1001204374	1	Pipe	
24	1001204375	1	Pipe	
25	1001188413	1	Plate, PUH Valve Mounting	
26	1001188722	1	Bracket, Hitch **(Prior to SN 1160008371)**	
26	1001228418	1	Bracket, Hitch **(SN 1160008371 to Present)**	
27	1001205771	1	Bracket, Pipe Assembly	
28	1001003590	2	Fitting, Straight	
29	1001008761	2	Cap, Dust	
30	0700610	2	Bolt, M6X20	

FIGURE 1-33. HITCH ASSEMBLY (HYDRAULIC)

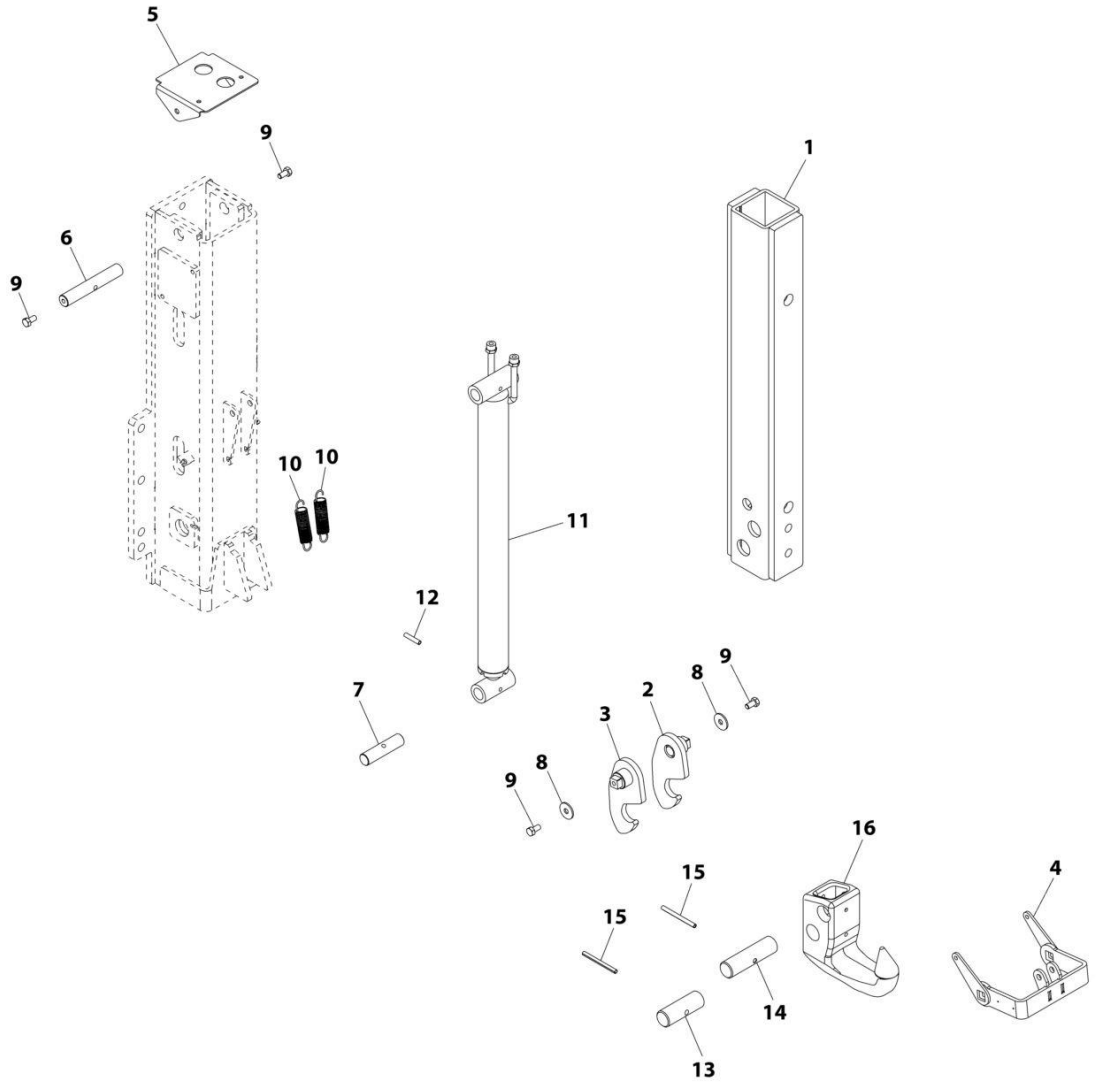


FIGURE 1-33. HITCH ASSEMBLY (HYDRAULIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182763	Ref	Hitch Assembly (Hydraulic)	D
1	70027158	1	Body, Sliding	
2	70027159	1	Lock, Right Vertical	
3	70027160	1	Lock, Left Vertical	
4	70027161	1	Bracket	
5	70027162	1	Plate, Cover	
6	70027163	1	Pin	
7	70027164	1	Pin	
8	70027165	2	Washer	
9	70027166	4	Screw	
10	70027167	2	Spring	
11	70027168	1	Cylinder	
12	70027169	1	Pin	
13	70027170	1	Pin	
14	70027171	1	Pin	
15	70027172	1	Pin	
16	70027173	1	Hook	

FIGURE 1-34. FRONT RETRIEVAL HITCH PIN

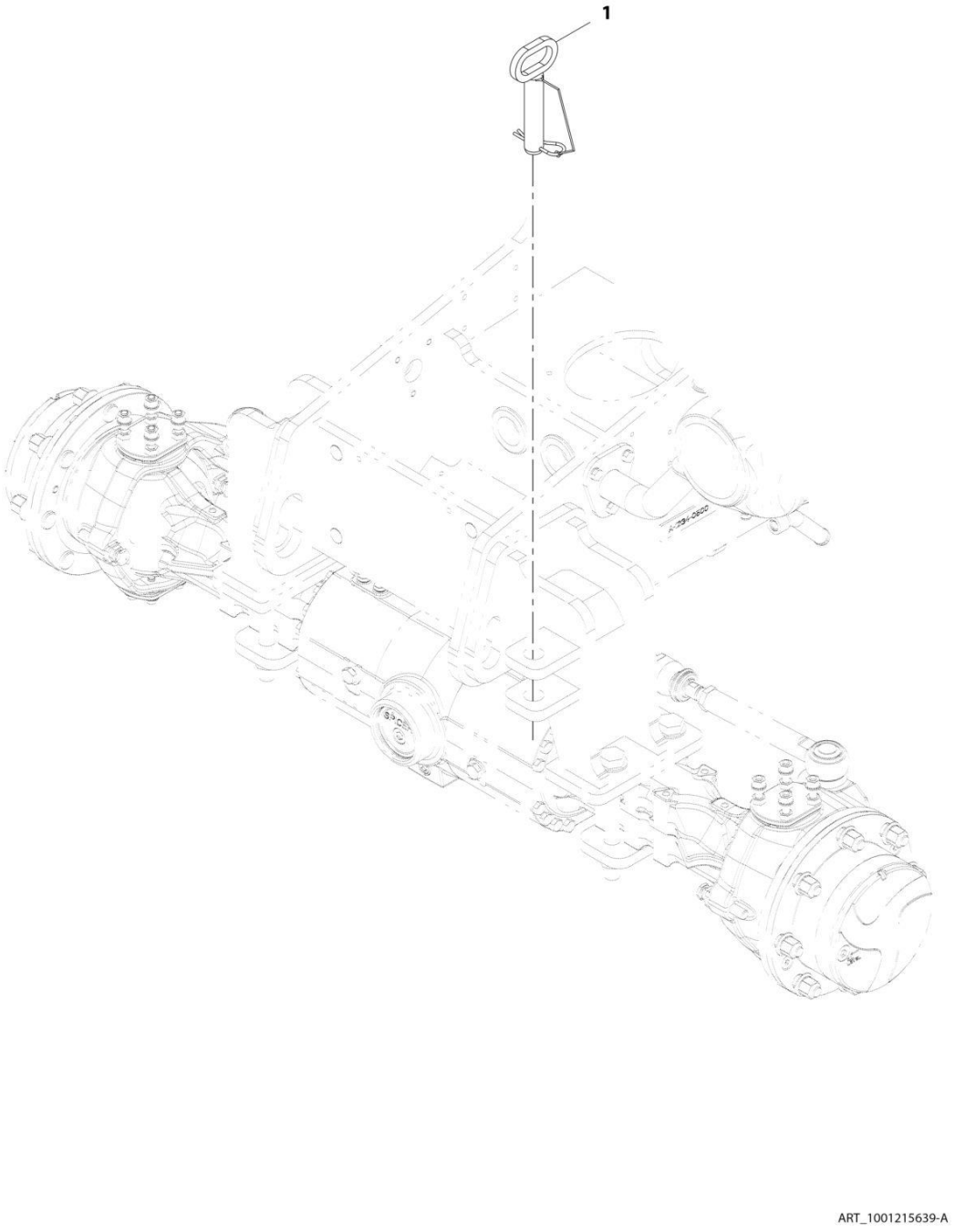
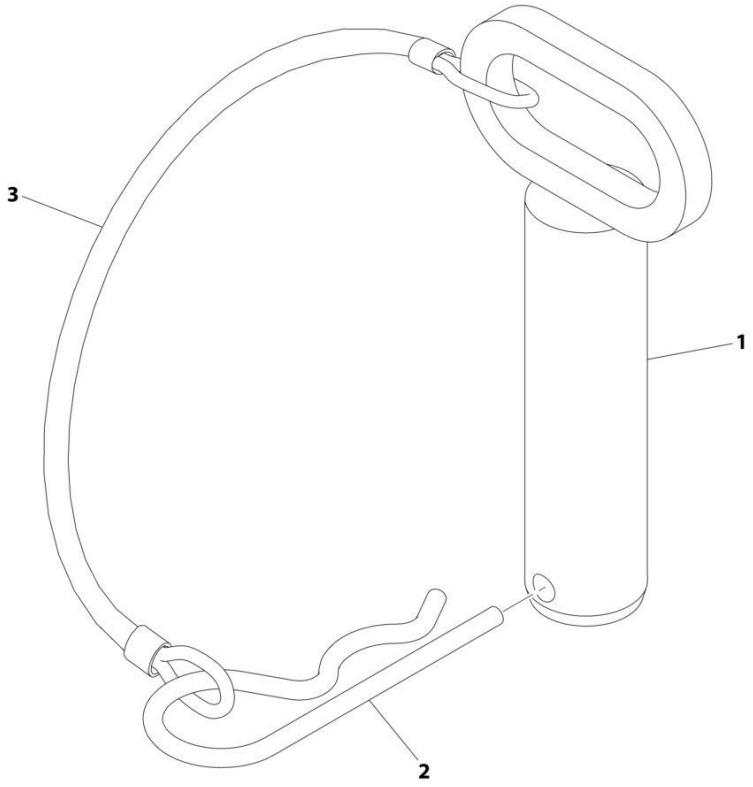


FIGURE 1-34. FRONT RETRIEVAL HITCH PIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215639	1	Front Retrieval Hitch Pin	A
1	1001003391	1	Pin, Hitch	

FIGURE 1-35. HITCH PIN ASSEMBLY



ART_1001238877-A

FIGURE 1-35. 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 (JLG)

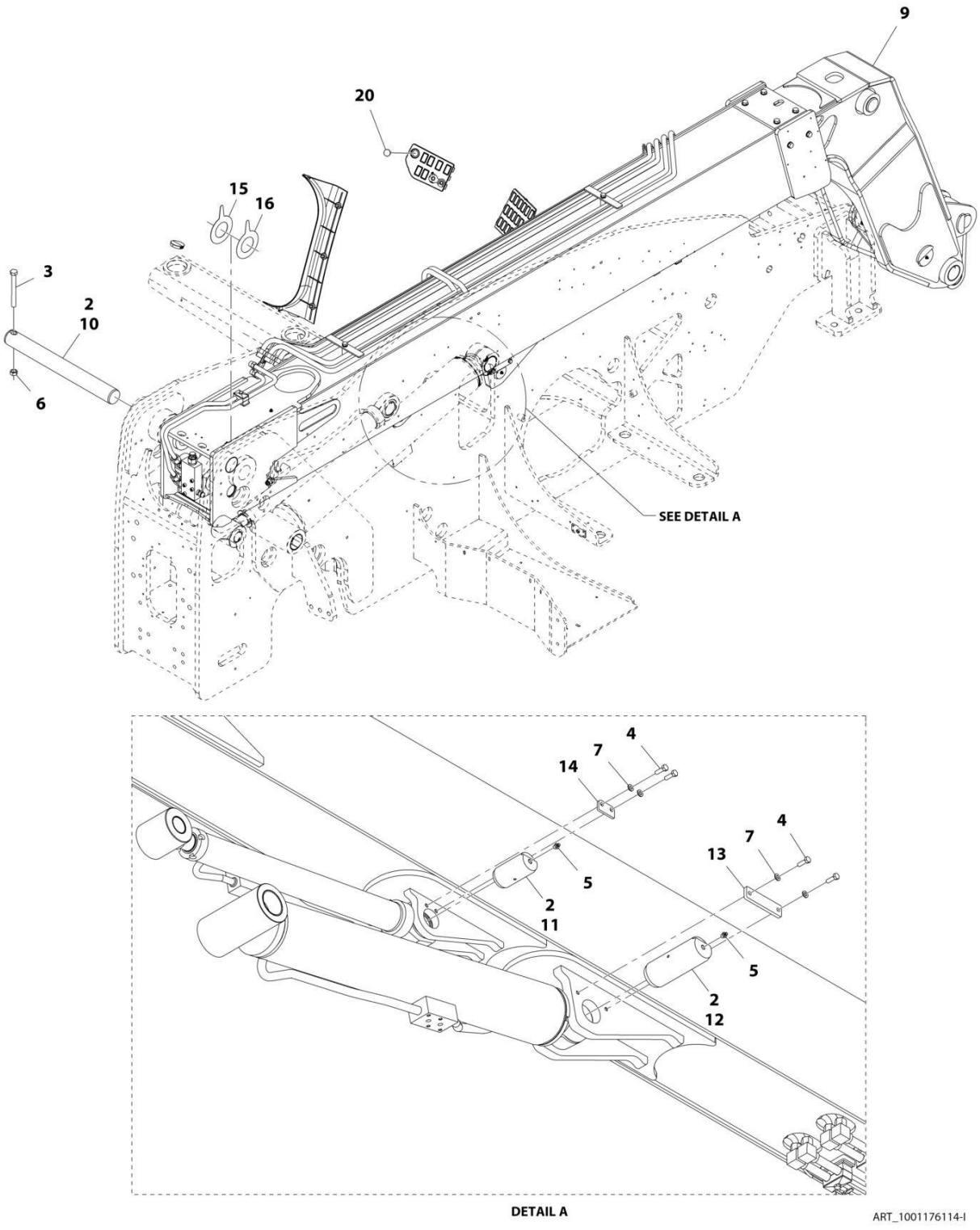


FIGURE 2-1. BOOM INSTALLATION (JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176114	Ref	Boom Installation (JLG)	I
2	1001098457	AR	Lube, Lithium Grease	
3	0701632	1	Bolt, M16-2X150	
4	0760812	4	Bolt, 8X25	
5	2160016	2	Fitting, Grease	
6	3291601	1	Nut, M16X2 Grade 8	
7	4811900	4	Washer, M8	
9	1001155286	1	Assembly, Boom (See Separate Breakdown in this Section) **(Prior to SN 1160008371)**	
9	1001226685	1	Assembly, Boom (See Separate Breakdown in this Section) **(SN 1160008371 to Present)**	
10	1001175243	1	Pin, Boom Pivot	
11	1001175754	1	Pin	
12	1001175898	1	Pin, Lift Cylinder	
13	1001191621	1	Plate, Pin Retainer	
14	1001176942	1	Bracket, Pin Retainer	
15	1001214449	AR	Shim, M1 With Tab	
16	1001214455	AR	Shim, M0.5 64 With Tab	
20	1001190589	1	Plug	

FIGURE 2-2. BOOM ASSEMBLY (JLG) (Prior to SN 1160008371)

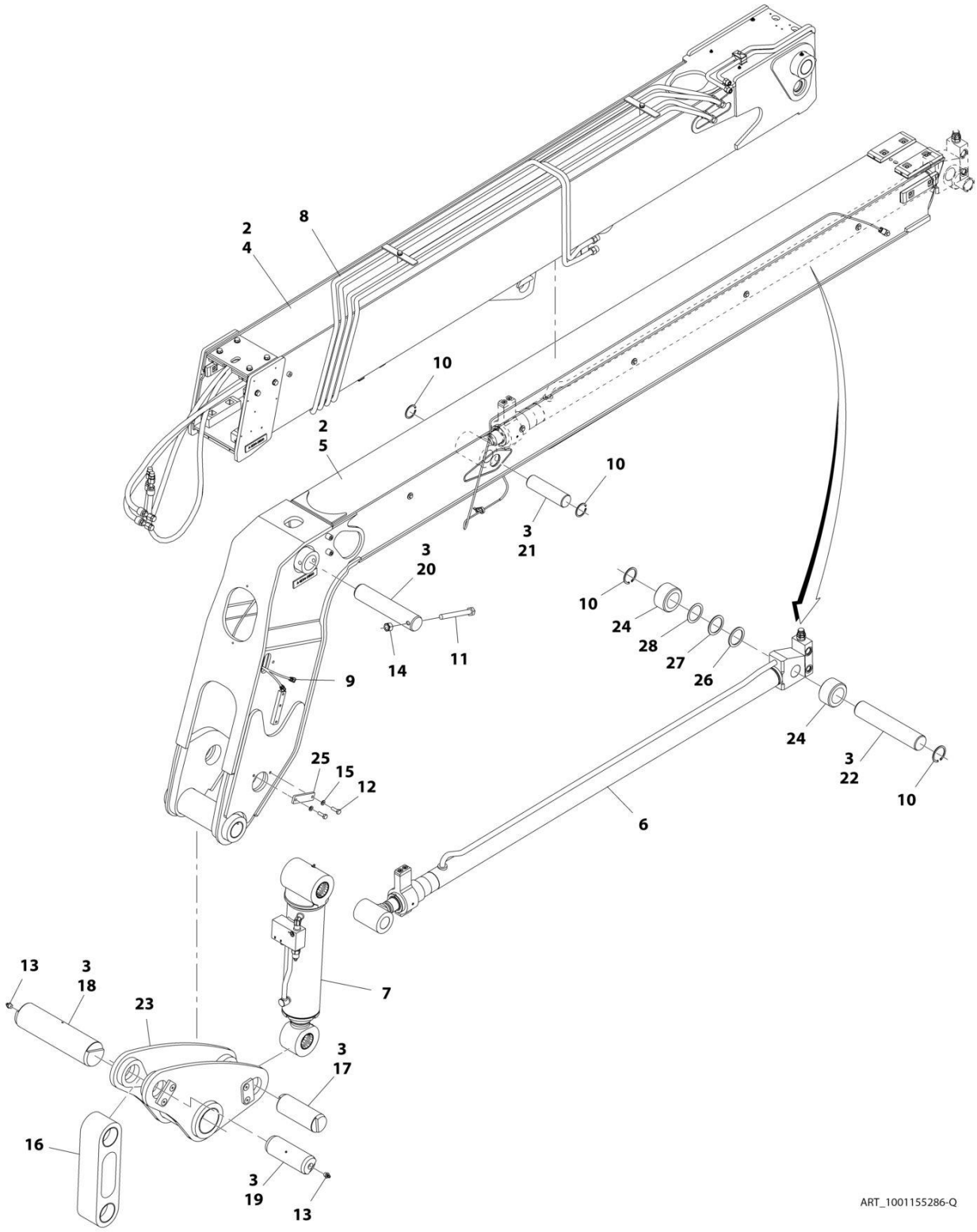


FIGURE 2-2. BOOM ASSEMBLY (JLG) (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155286	Ref	Boom Assembly (JLG)	Q
2	1001098457	AR	Lube, Lithium Grease	
3	3020040	AR	Lubricant, Moly Paste	
4	1001154044	1	Assembly, First Boom Section (JLG) (See Separate Breakdown in this Section)	
5	1001154045	1	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
6	1001203314	1	Assembly, Top Extend/Retract Cylinder (See Separate Breakdown in Hydraulic Components Section)	
7	1001195800	1	Cylinder, Tilt (See Separate Breakdown in Hydraulic Components Section)	
8	1001184622	Ref	Installation, Boom Hydraulic Tubes (See Separate Breakdown in Hydraulic Circuits Section)	
9	1001185734	Ref	Installation, Boom Harness (See Separate Breakdown in Electrical Section)	
10	314689	4	Ring, Retaining M50	
11	0711228	1	Bolt, M12X110	
12	0760812	2	Bolt, M8X25	
13	2160016	2	Fitting, Grease	
14	3291205	1	Nut, Lock M12X1.75 Grade 8	
15	4831900	2	Washer, Lock M8	
16	1001096870	1	Assembly, Link (See Separate Breakdown in this Section)	
17	1001175746	1	Pin, Tilt	
18	1001175747	1	Pin, Tilt Lower	
19	1001175749	1	Pin, Tilt Link	
20	1001175751	1	Pin, Tilt	
21	1001175753	1	Pin, Telescope Cylinder	
22	1001175756	1	Pin, Telescope Cylinder	
23	1001176407	1	Assembly, Lever (See Separate Breakdown in this Section)	
24	1001199730	2	Tube, Spacer	
25	1001191621	1	Plate, Pin Retainer	
26	1001155958	AR	Shim, M3	
27	1001155959	AR	Shim, M2	
28	1001155960	AR	Shim, M1	

FIGURE 2-3. BOOM ASSEMBLY (JLG) (SN 1160008371 to Present)

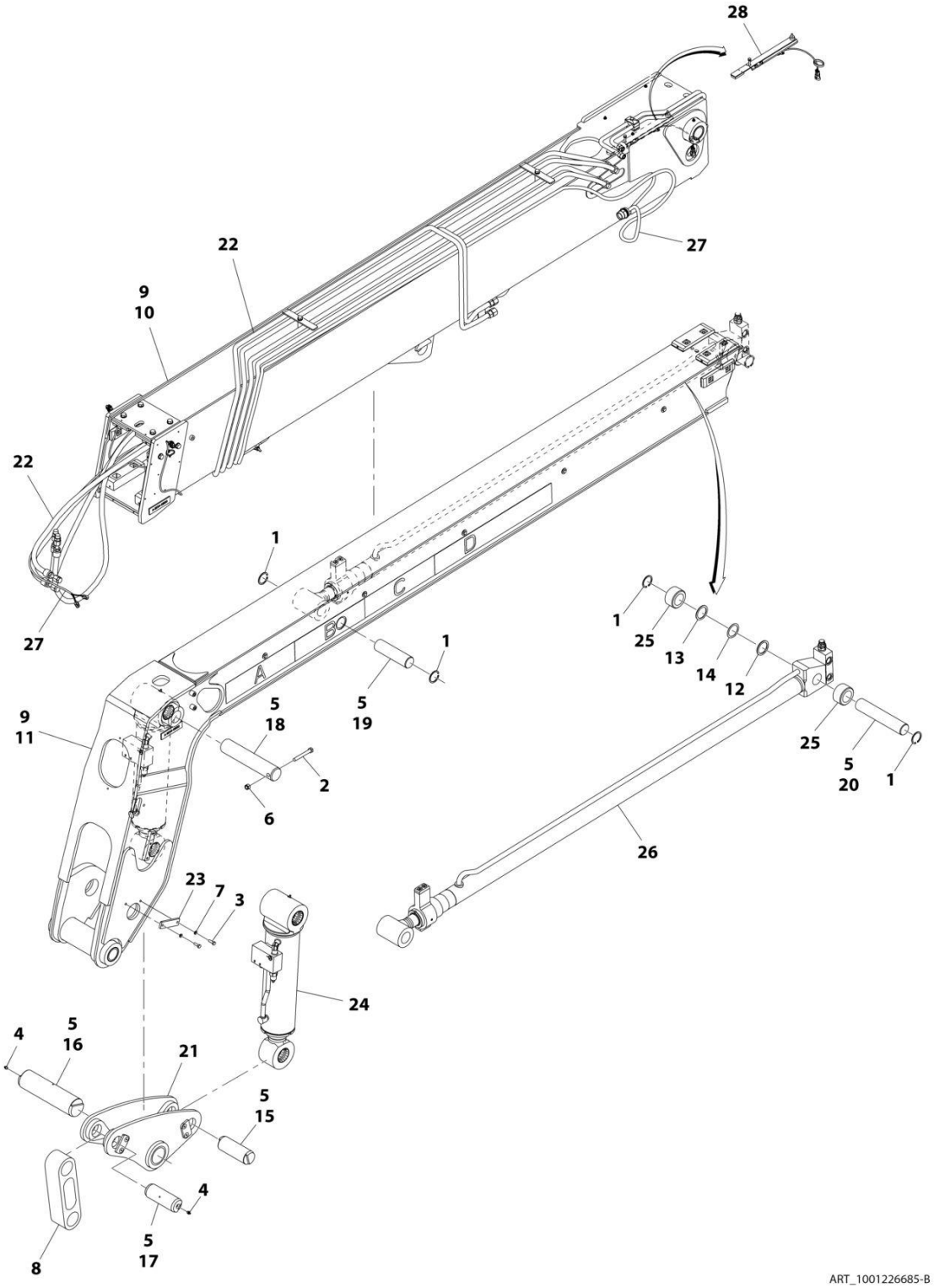


FIGURE 2-3. BOOM ASSEMBLY (JLG) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226685	Ref	Boom Assembly (JLG)	B
1	314689	4	Ring, Retaining M50	
2	0711228	1	Bolt, M12X110	
3	0760812	2	Bolt, M8X25	
4	2160016	2	Fitting, Grease	
5	3020040	AR	Lubricant, Moly Paste	
6	3291205	1	Nut, Lock M12X1.75 Grade 8	
7	4831900	2	Washer, Lock M8	
8	1001096870	Ref	Assembly, Link (See Separate Breakdown in this Section)	
9	1001098457	AR	Lube, Lithium Grease	
10	1001154044	Ref	Assembly, First Boom Section (JLG) (See Separate Breakdown in this Section)	
11	1001154045	Ref	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
12	1001155958	AR	Shim, M3	
13	1001155959	AR	Shim, M2	
14	1001155960	AR	Shim, M1	
15	1001175746	1	Pin, Tilt	
16	1001175747	1	Pin, Tilt Lower	
17	1001175749	1	Pin, Tilt Link	
18	1001175751	1	Pin, Tilt	
19	1001175753	1	Pin, Telescope Cylinder	
20	1001175756	1	Pin, Telescope Cylinder	
21	1001176407	Ref	Assembly, Lever (See Separate Breakdown in this Section)	
22	1001184622	Ref	Installation, Boom Hydraulic Tubes (See Separate Breakdown in Hydraulic Circuits Section)	
23	1001191621	1	Plate, Pin Retainer	
24	1001195800	Ref	Cylinder, Tilt (See Separate Breakdown in Hydraulic Components Section)	
25	1001199730	2	Tube, Spacer	
26	1001203314	Ref	Assembly, Top Extend/Retract Cylinder (See Separate Breakdown in Hydraulic Components Section)	
27	1001226645	Ref	Installation, Boom Harness (See Separate Breakdown in Electrical Section)	
28	1001184857	Ref	Boom Retract Sensor Installation (See Separate Breakdown in Electrical Section)	

FIGURE 2-4. BOOM ASSEMBLY (DEUTZ-FAHR) (SN 1160008371 to Present)

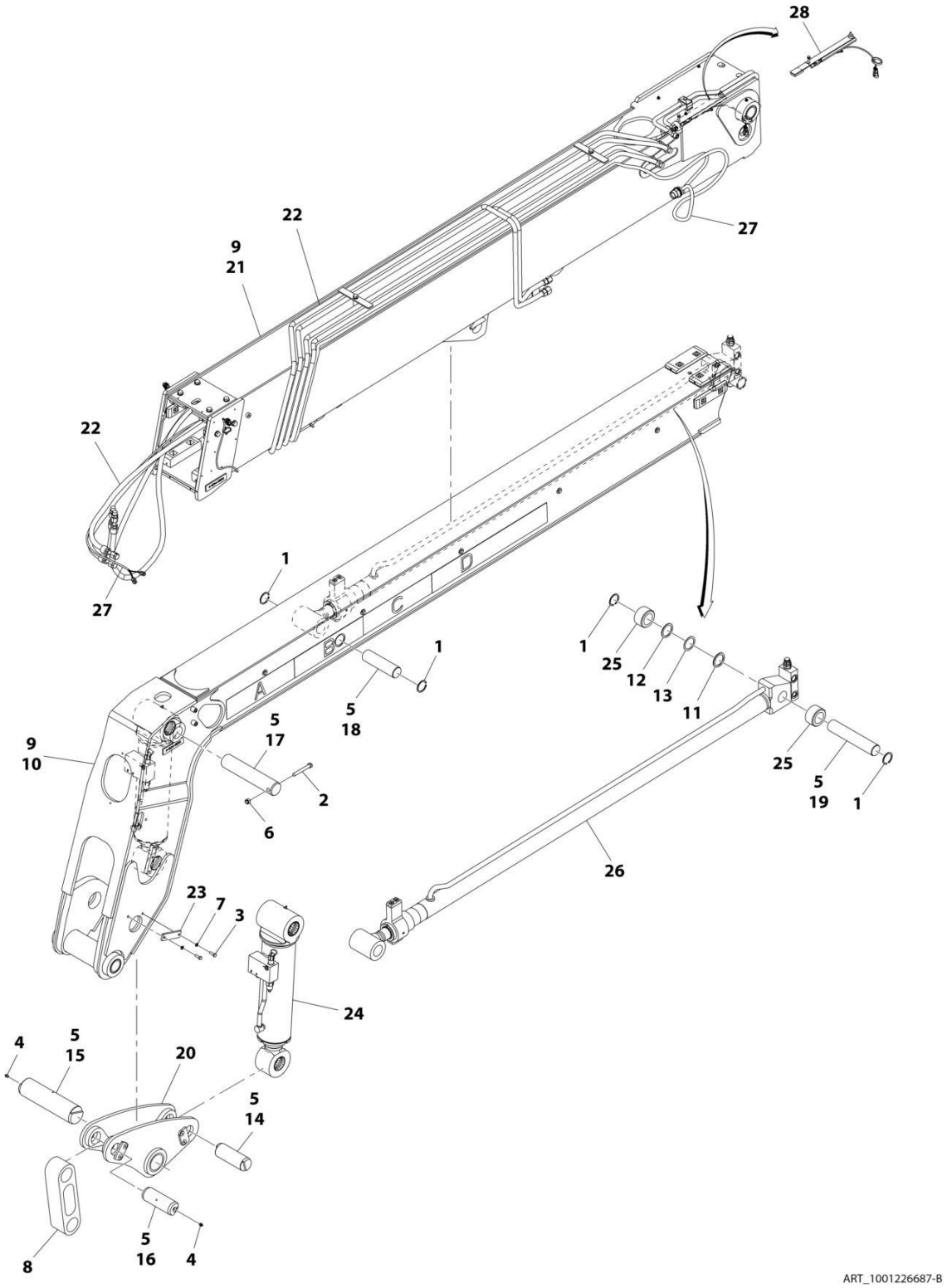


FIGURE 2-4. BOOM ASSEMBLY (DEUTZ-FAHR) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226687	Ref	Boom Assembly (Deutz-Fahr)	B
1	314689	4	Ring, Retaining M50	
2	0711228	1	Bolt, M12X110	
3	0760812	2	Bolt, M8X25	
4	2160016	2	Fitting, Grease	
5	3020040	AR	Lubricant, Moly Paste	
6	3291205	1	Nut, Lock M12X1.75 Grade 8	
7	4831900	2	Washer, Lock M8	
8	1001096870	Ref	Assembly, Link (See Separate Breakdown in this Section)	
9	1001098457	AR	Lube, Lithium Grease	
10	1001154045	Ref	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
11	1001155958	AR	Shim, M3	
12	1001155959	AR	Shim, M2	
13	1001155960	AR	Shim, M1	
14	1001175746	1	Pin, Tilt	
15	1001175747	1	Pin, Tilt Lower	
16	1001175749	1	Pin, Tilt Link	
17	1001175751	1	Pin, Tilt	
18	1001175753	1	Pin, Telescope Cylinder	
19	1001175756	1	Pin, Telescope Cylinder	
20	1001176407	Ref	Assembly, Lever (See Separate Breakdown in this Section)	
21	1001178742	Ref	Assembly, First Boom Section (Deutz-Fahr) (See Separate Breakdown in this Section)	
22	1001184622	Ref	Installation, Boom Hydraulic Tubes (See Separate Breakdown in Hydraulic Circuits Section)	
23	1001191621	1	Plate, Pin Retainer	
24	1001195800	Ref	Cylinder, Tilt (See Separate Breakdown in Hydraulic Components Section)	
25	1001199730	2	Tube, Spacer	
26	1001203314	Ref	Assembly, Top Extend/Retract Cylinder (See Separate Breakdown in Hydraulic Components Section)	
27	1001226645	Ref	Installation, Boom Harness (See Separate Breakdown in Electrical Section)	
28	1001184857	Ref	Boom Retract Sensor Installation (See Separate Breakdown in Electrical Section)	

FIGURE 2-5. FIRST BOOM SECTION ASSEMBLY (JLG)

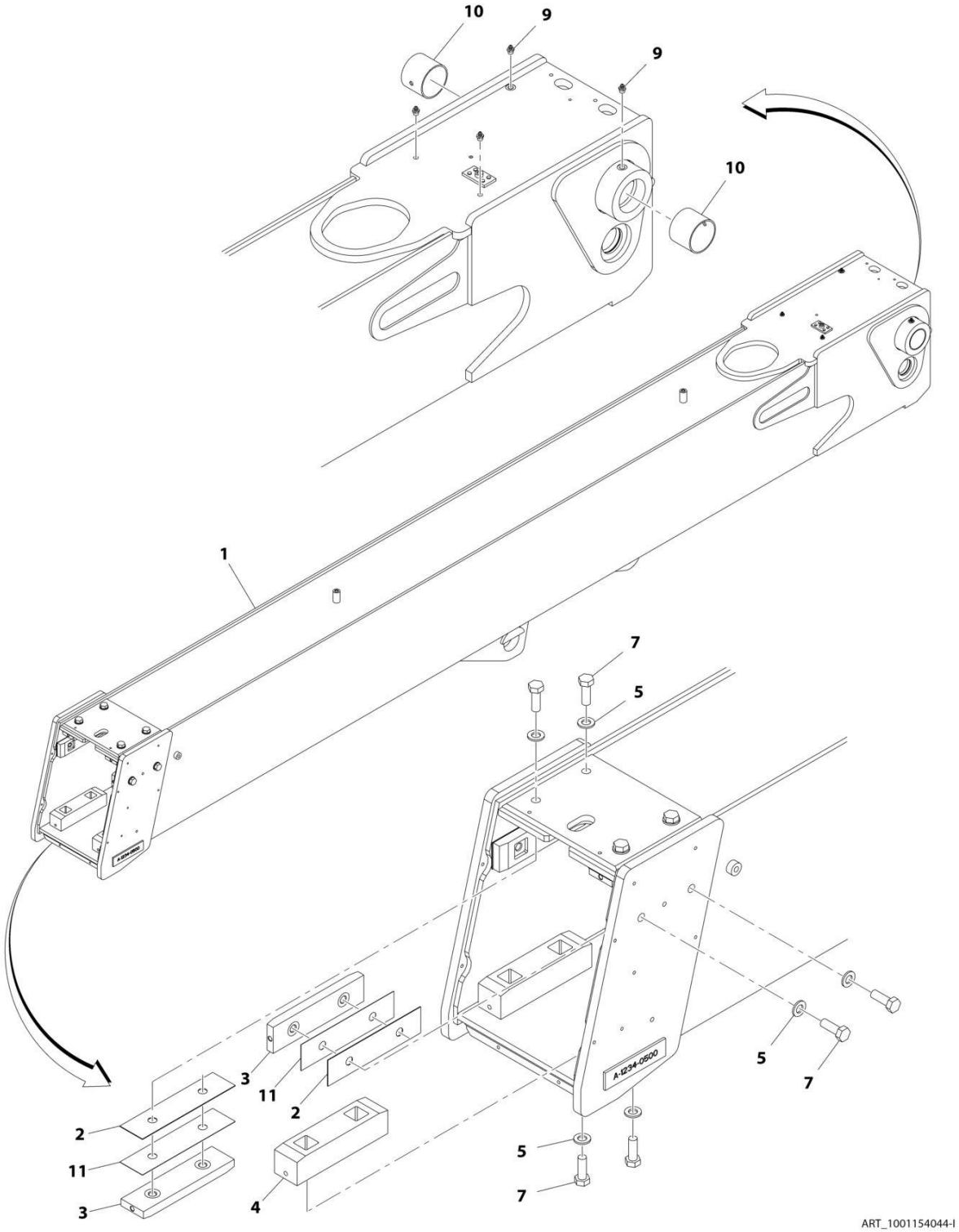


FIGURE 2-5. FIRST BOOM SECTION ASSEMBLY (JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154044	Ref	First Boom Section Assembly (JLG)	I
1	1001170150J	1	Boom, First	
2	1001147731	AR	Shim, M1X45X185	
3	1001147657	4	Pad, M15X45X181	
4	1001175949	2	Pad, M43X45X181	
5	1001125117	AR	Washer, M12	
7	0711215	12	Bolt, M12X35 Grade 10.9	
9	2160016	4	Fitting, Grease	
10	1001176853	2	Bearing	
11	1001154174	AR	Shim, M0.5X45X185	

FIGURE 2-6. SECOND BOOM SECTION ASSEMBLY

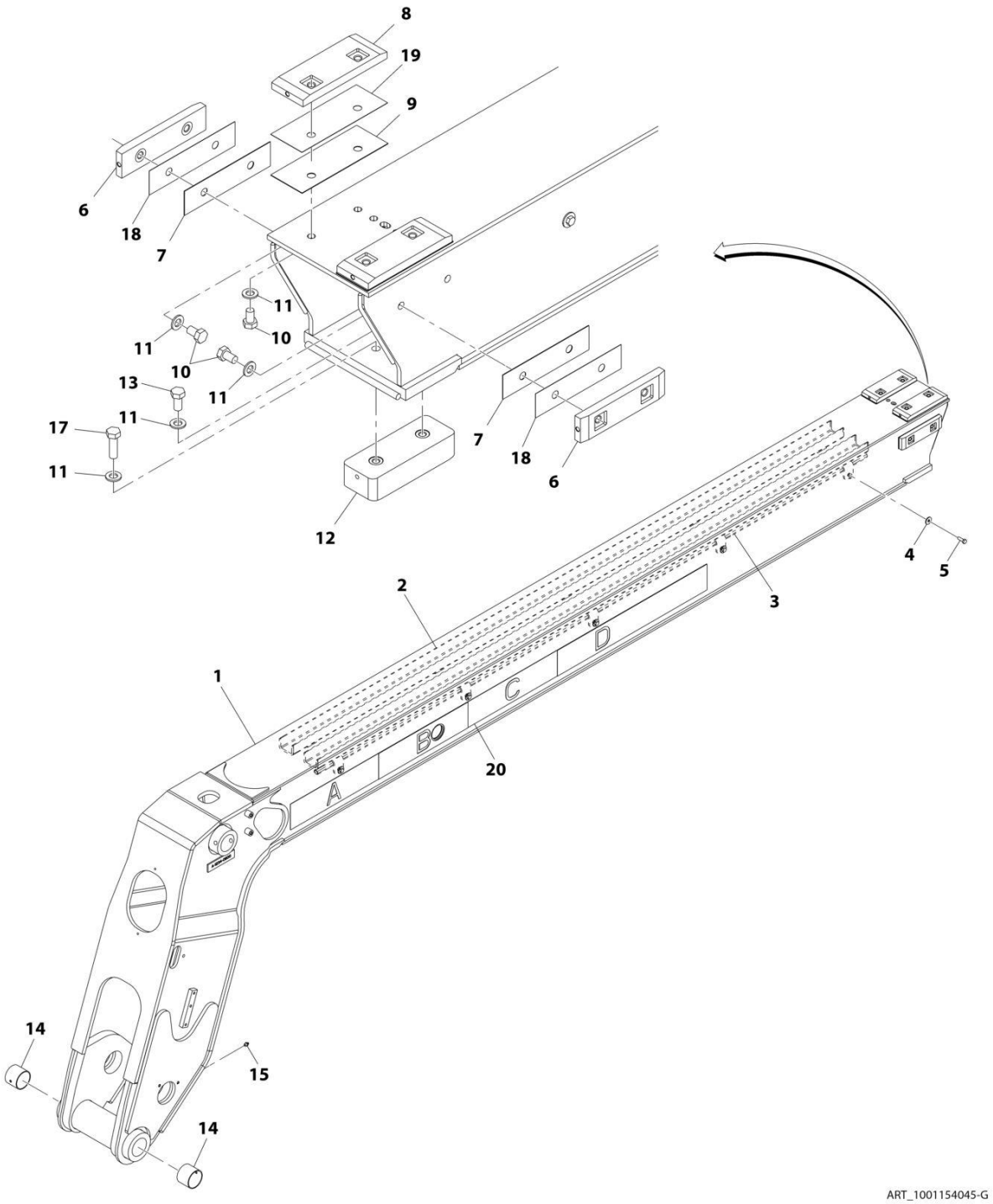


FIGURE 2-6. SECOND BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001154045	Ref	Second Boom Section Assembly	G
1	1001170283	1	Boom, Second	
2	1001176261	1	Support, Hose	
3	1001176262	1	Support, Hose	
4	4811902	10	Washer, M8	
5	0760812	10	Bolt, M8X25	
6	1001147657	2	Pad, M15X45X181	
7	1001147731	AR	Shim, M1X45X185	
8	1001148103	2	Pad, M15X67.5X181	
9	1001148147	AR	Shim, M1X67.5X185	
10	0771210	8	Bolt, M12X20 Grade 10.9	
11	1001125117	AR	Washer, M12	
12	1001175950	1	Pad, M43X67.5X181	
13	0771212	1	Bolt, M12X25 Grade 10.9	
14	1001176853	2	Bearing	
15	2160016	1	Fitting, Grease	
17	0711216	1	Bolt, M12X40	
18	1001154174	AR	Shim, M0.5X45X185	
19	1001154176	AR	Shim, M0.5X67.5X185	
20	1001227228	1	Decal, Boom Extend	

FIGURE 2-7. LINK ASSEMBLY

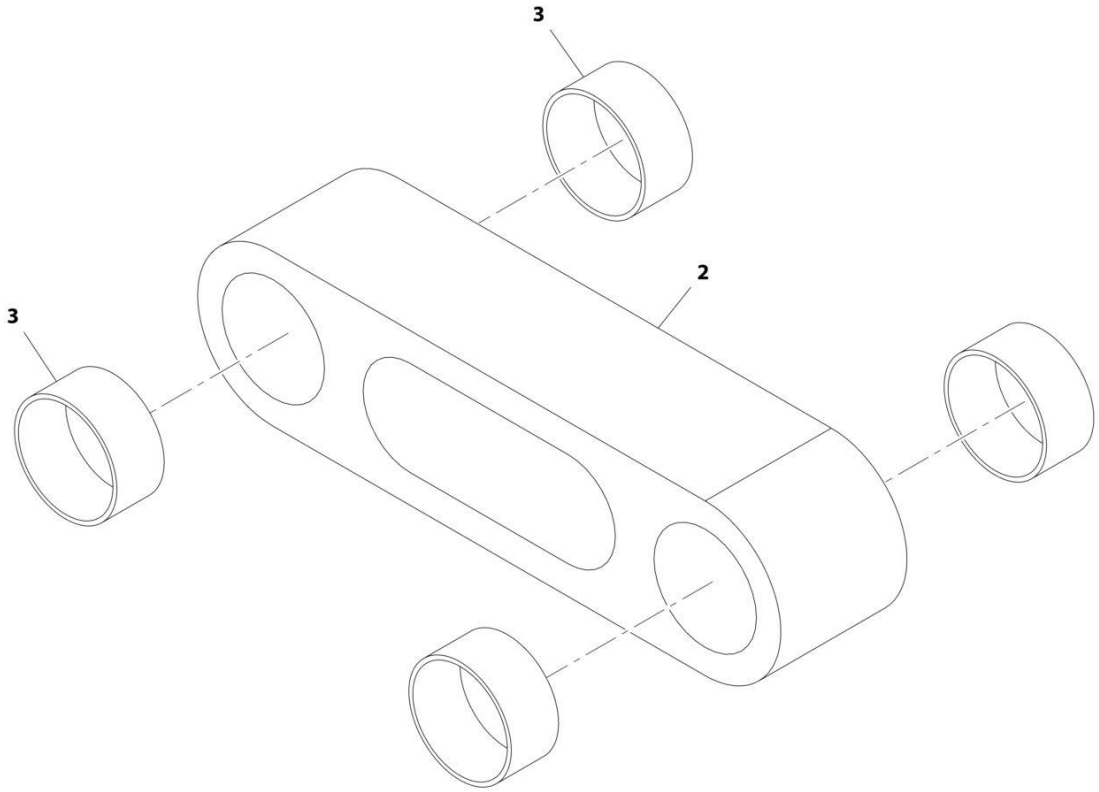
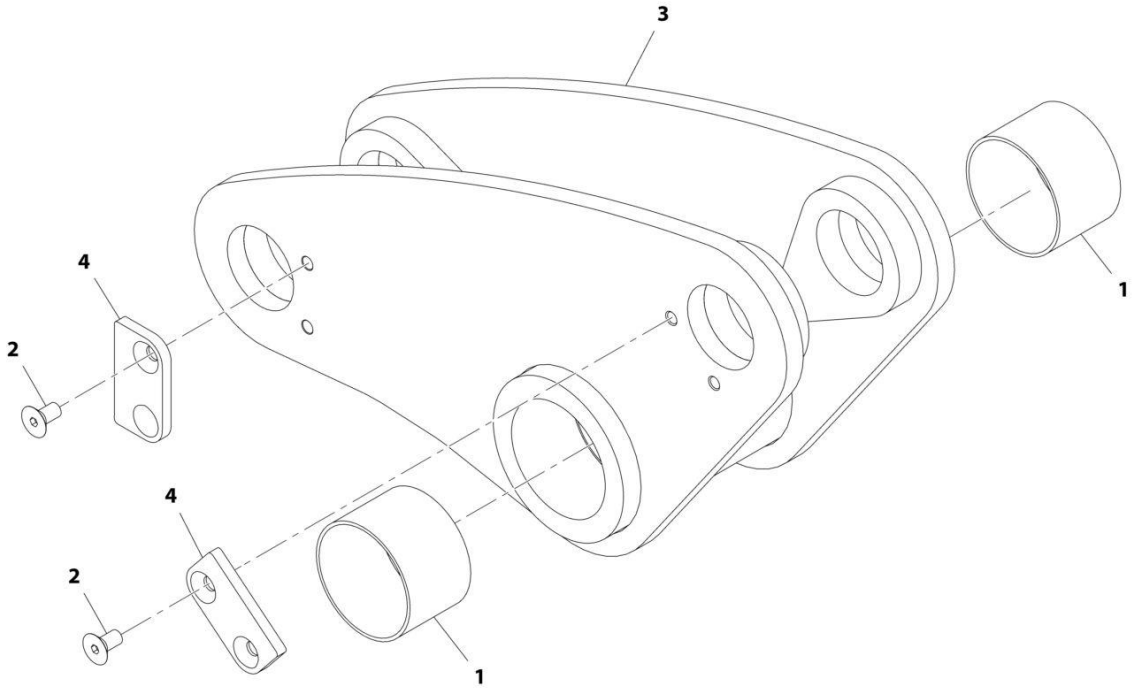


FIGURE 2-7. LINK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096870	Ref	Link Assembly	B
2	1001096726	NSS	Link (Use PN 1001096870 Link Assembly	
3	1001100442	4	Bearing	

FIGURE 2-8. LEVER ASSEMBLY



ART_1001176407-C

FIGURE 2-8. LEVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176407	Ref	Lever Assembly	C
1	1001092298	2	Bearing	
2	1001155441	4	Screw, M10-1.5X20	
3	1001189480	1	Plate	
4	1001176882	2	Plate, Pin Retainer	

FIGURE 2-9. MANUAL QUICK COUPLER INSTALLATION (20IN WHEEL)

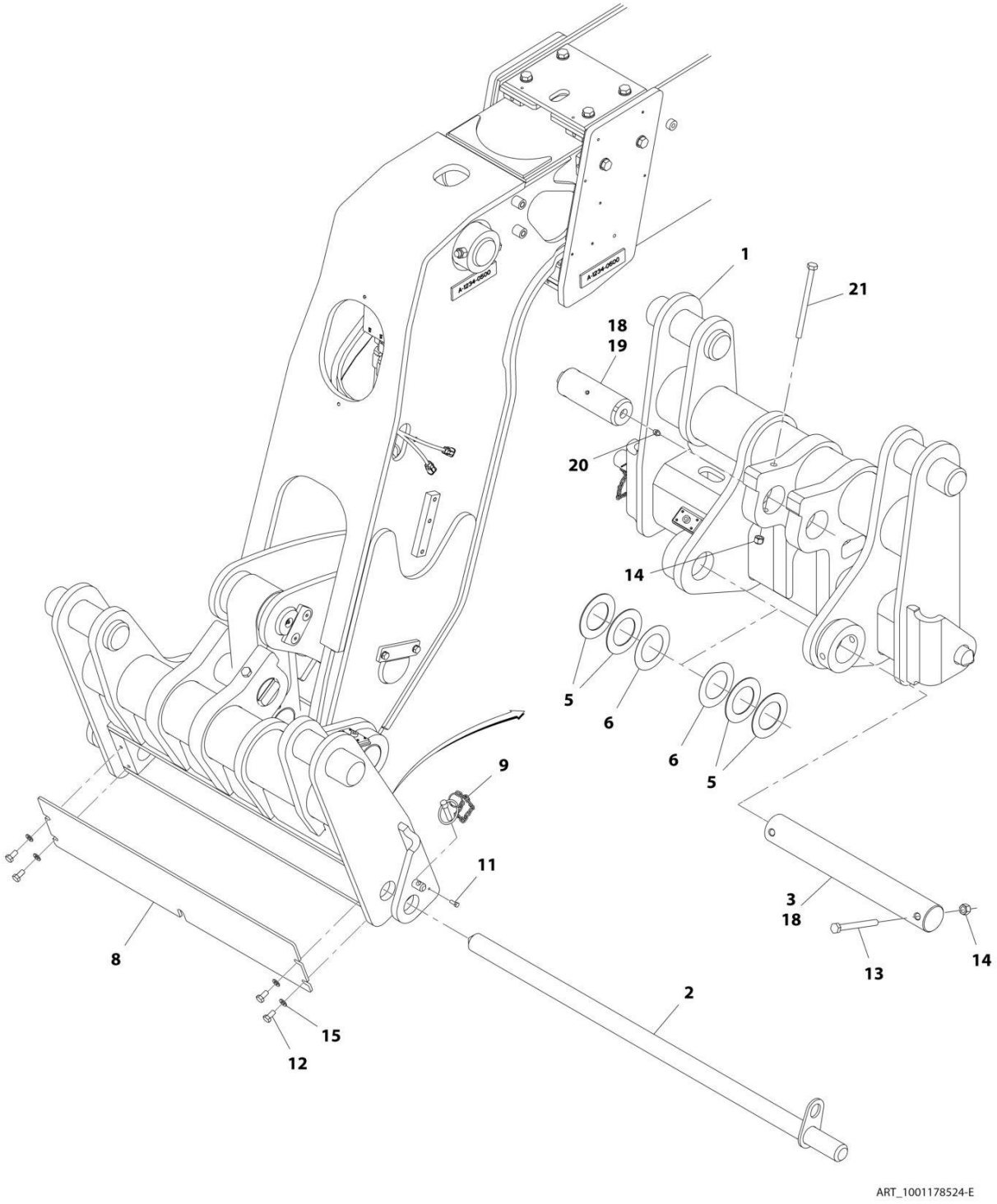


FIGURE 2-9. MANUAL QUICK COUPLER INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178524	Ref	Manual Quick Coupler Installation (20IN Wheel)	E
1	1001196632	1	Coupler	
2	1001162636	1	Pin	
3	1001172950	1	Pin	
5	1001117382	AR	Washer, Shim M62X100X2	
6	1001117383	AR	Washer, Shim M62X100X0.5	
8	1001171390	1	Plate	
9	1001149923	1	Pin, Retaining	
11	0760507	1	Bolt, M5X14	
12	0760808	4	Bolt, M8X16	
13	0701229	1	Bolt, M12X120	
14	3291205	2	Nut, Lock, M12X1.75 Grade 8	
15	4811900	4	Washer, M8	
18	1001098457	AR	Lube, Lithium Grease	
19	1001197479	1	Pin	
20	2160016	1	Fitting, Grease	
21	0701032	1	Bolt, M12X150	

FIGURE 2-10. MANUAL QUICK COUPLER INSTALLATION (24IN WHEEL)

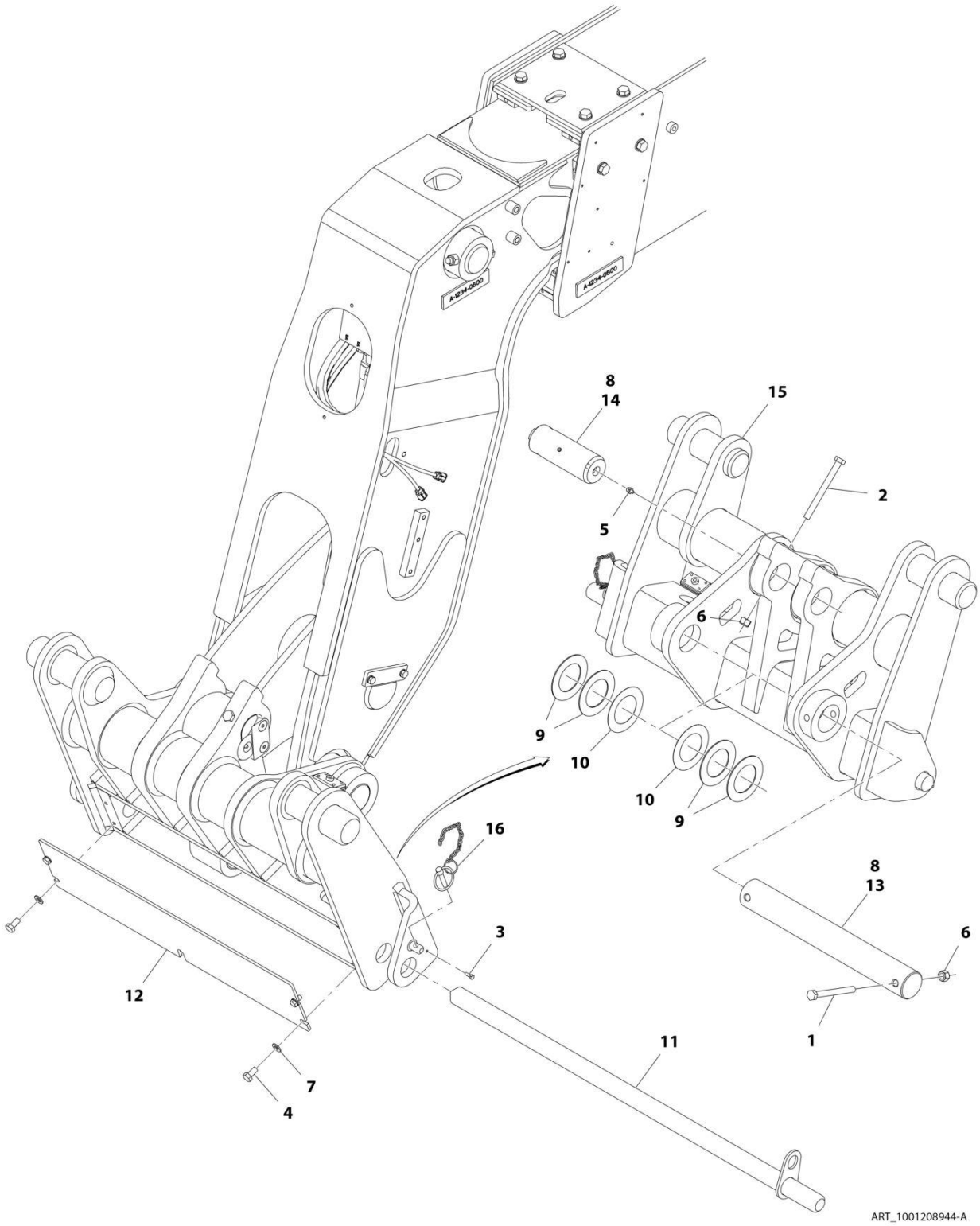


FIGURE 2-10. MANUAL QUICK COUPLER INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208944	Ref	Manual Quick Coupler Installation (24IN Wheel)	A
1	0701229	1	Bolt, M12X120	
2	0701230	1	Bolt, M12X130	
3	0760507	1	Bolt, M5X14	
4	0760808	4	Bolt, M8X16	
5	2160016	1	Fitting, Grease	
6	3291205	2	Nut, Lock, M12X1.75 Grade 8	
7	4811900	4	Washer, M8	
8	1001098457	AR	Lube, Lithium Grease	
9	1001117382	AR	Washer, Shim M62X100X2	
10	1001117383	AR	Washer, Shim M62X100X0.5	
11	1001162636	1	Pin	
12	1001171390	1	Plate	
13	1001172950	1	Pin	
14	1001197479	1	Pin	
15	1001208948	1	Coupler	
16	1001149923	1	Pin, Retaining	

FIGURE 2-11. HYDRAULIC QUICK COUPLER INSTALLATION (20IN WHEEL)

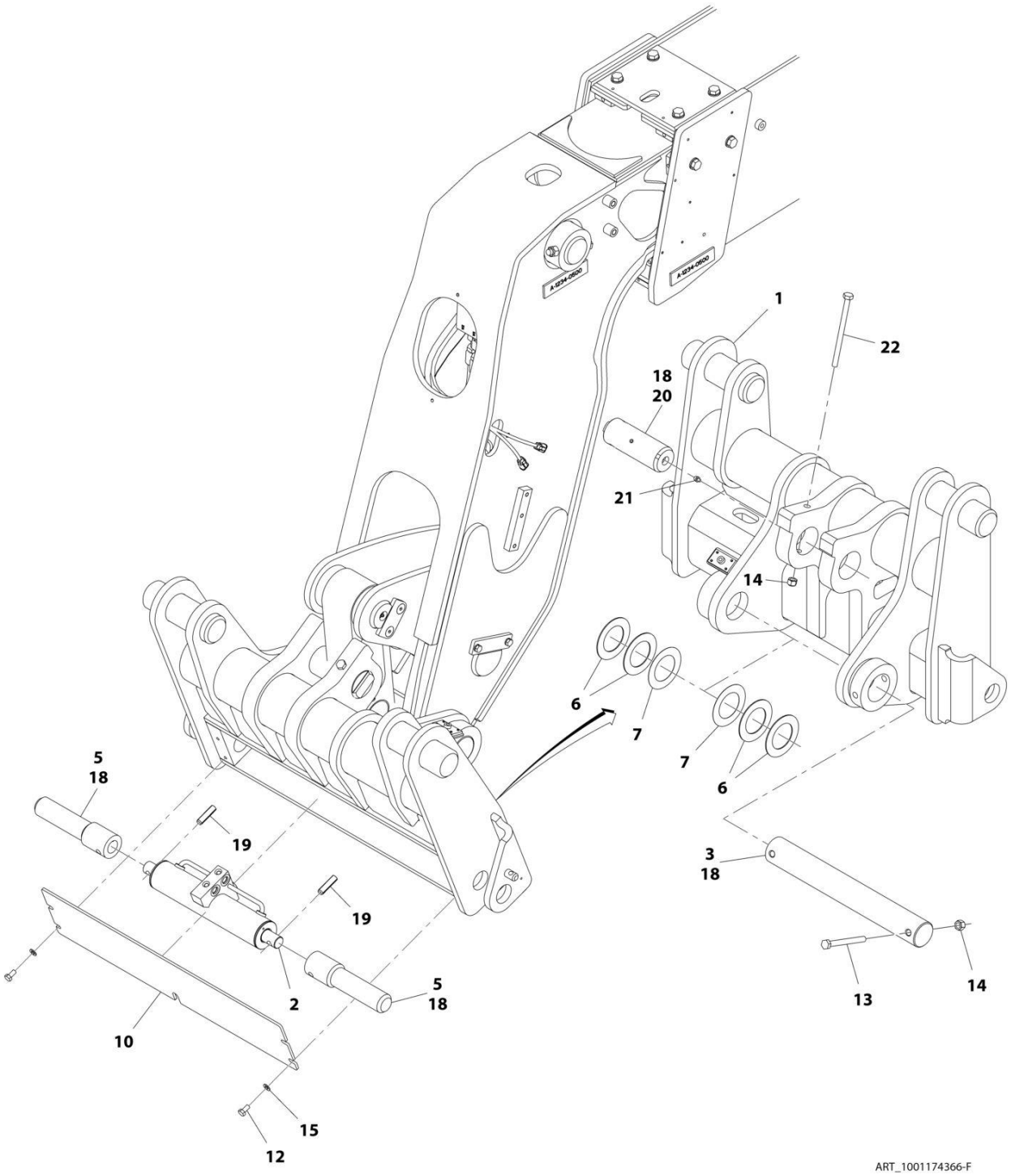


FIGURE 2-11. HYDRAULIC QUICK COUPLER INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174366	Ref	Hydraulic Quick Coupler Installation (20IN Wheel)	F
1	1001196632	1	Coupler	
2	1001114787	1	Assembly, Coupler Locking Cylinder (See Separate Breakdown in Hydraulic Components Section)	
3	1001172950	1	Pin	
5	1001170984	2	Rod	
6	1001117382	AR	Washer, Shim M62X100X2	
7	1001117383	AR	Washer, Shim M62X100X0.5	
10	1001171390	1	Plate	
12	0760808	4	Bolt, M8X16	
13	0701229	1	Bolt, M12X120	
14	3291205	2	Nut, Lock, M12X1.75 Grade 8	
15	4811900	4	Washer, M8	
18	1001098457	AR	Lube, Lithium Grease	
19	1001184610	2	Pin, Grooved M12X45	
20	1001197479	1	Pin	
21	2160016	1	Fitting, Grease	
22	0701032	1	Bolt, M10X150	

FIGURE 2-12. HYDRAULIC QUICK COUPLER INSTALLATION (24IN WHEEL)

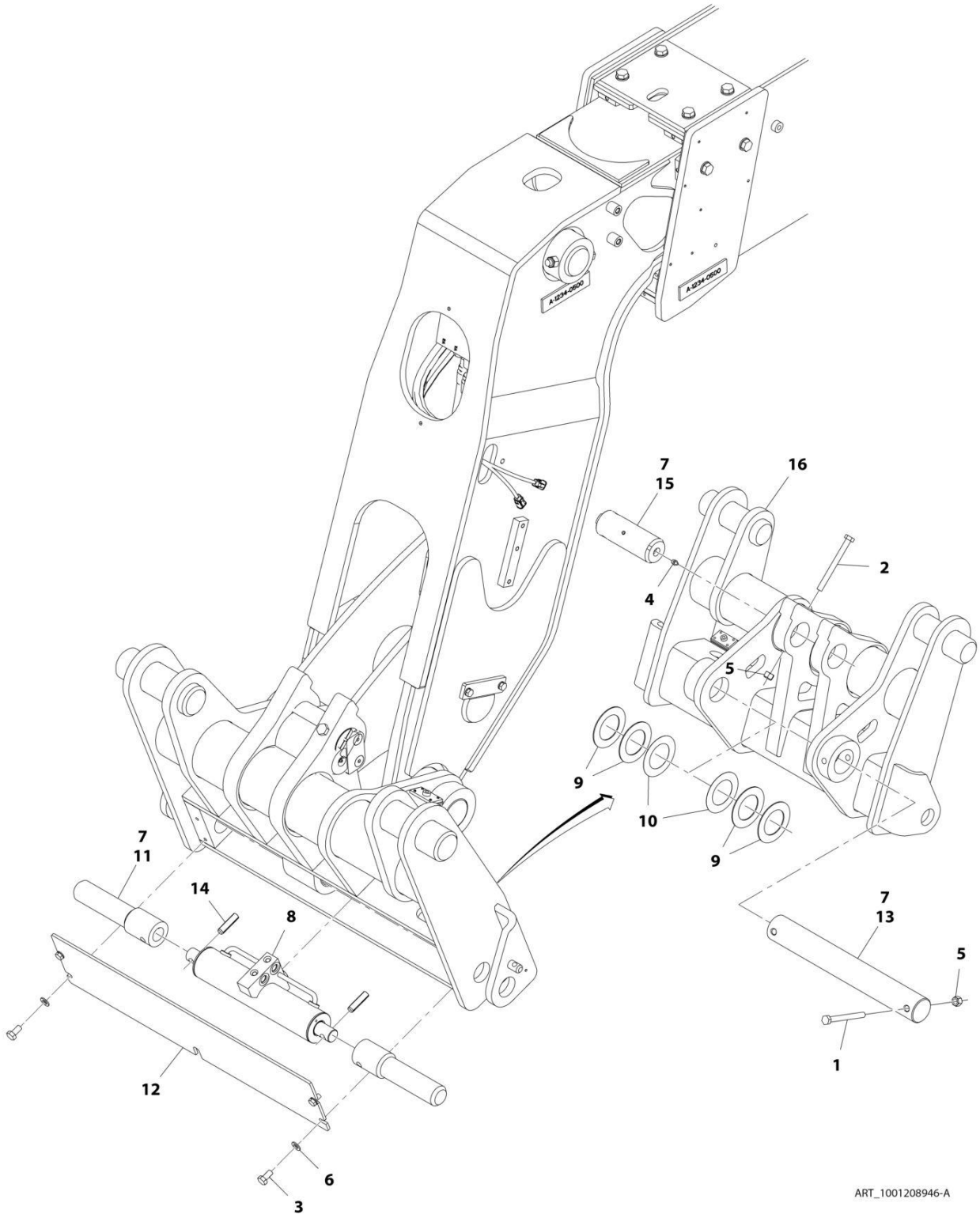


FIGURE 2-12. HYDRAULIC QUICK COUPLER INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208946	Ref	Hydraulic Quick Coupler Installation (24IN Wheel)	A
1	0701229	1	Bolt, M12X120	
2	0701230	1	Bolt, M12X130	
3	0760808	4	Bolt, M8X16	
4	2160016	1	Fitting, Grease	
5	3291205	2	Nut, Lock, M12X1.75 Grade 8	
6	4811900	4	Washer, M8	
7	1001098457	AR	Lube, Lithium Grease	
8	1001114787	1	Assembly, Coupler Locking Cylinder (See Separate Breakdown in this Section)	
9	1001117382	AR	Washer, Shim M62X100X2	
10	1001117383	AR	Washer, Shim M62X100X0.5	
11	1001170984	2	Rod	
12	1001171390	1	Plate	
13	1001172950	1	Pin	
14	1001184610	2	Pin, Grooved M12X45	
15	1001197479	1	Pin	
16	1001208948	1	Coupler	

FIGURE 2-13. BOOM ANGLE INDICATOR INSTALLATION

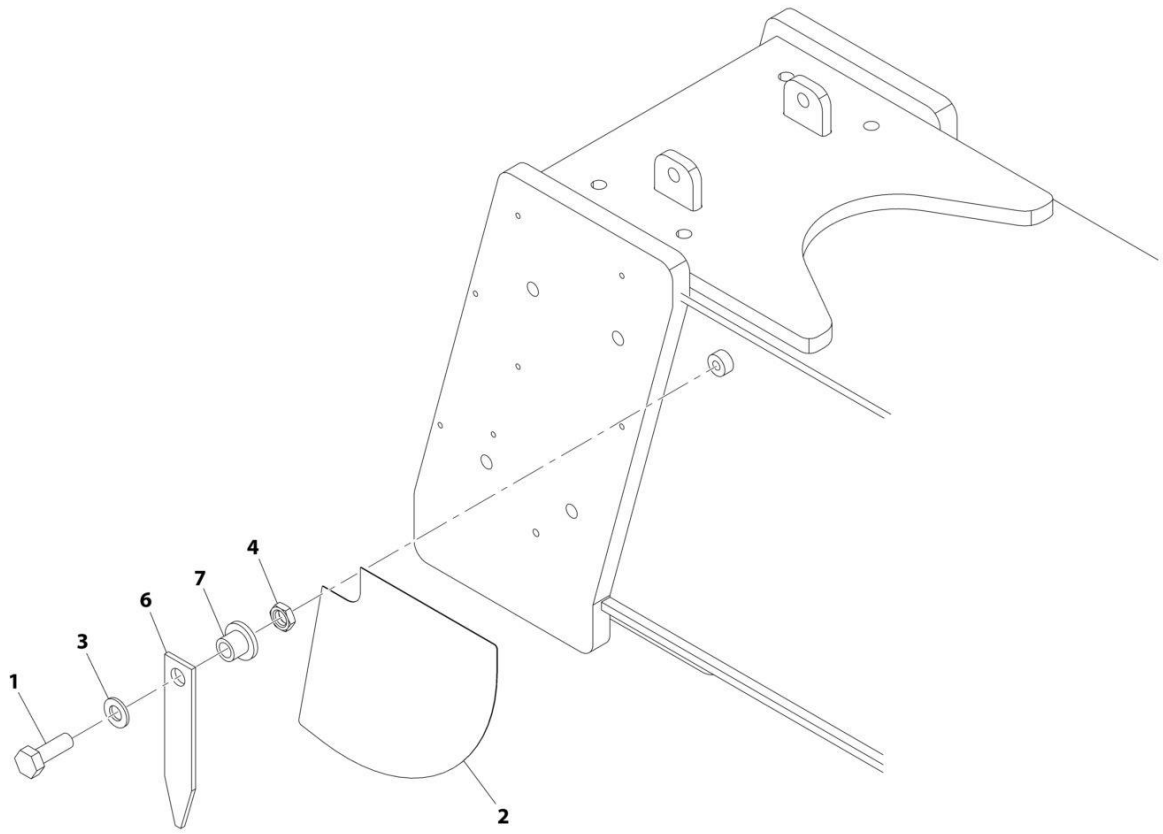


FIGURE 2-13. BOOM ANGLE INDICATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188190	Ref	Boom Angle Indicator Installation	C
1	0701014	1	Bolt, M10X30	
2	4105262	1	Decal, Boom Angle Indicator	
3	4812000	1	Washer, M10	
4	8305438	1	Nut, M10X1.50	
6	1001098769	1	Plate, Boom Angle Indicator	
7	1001171808	1	Spacer	

FIGURE 2-14. BOOM PROP INSTALLATION

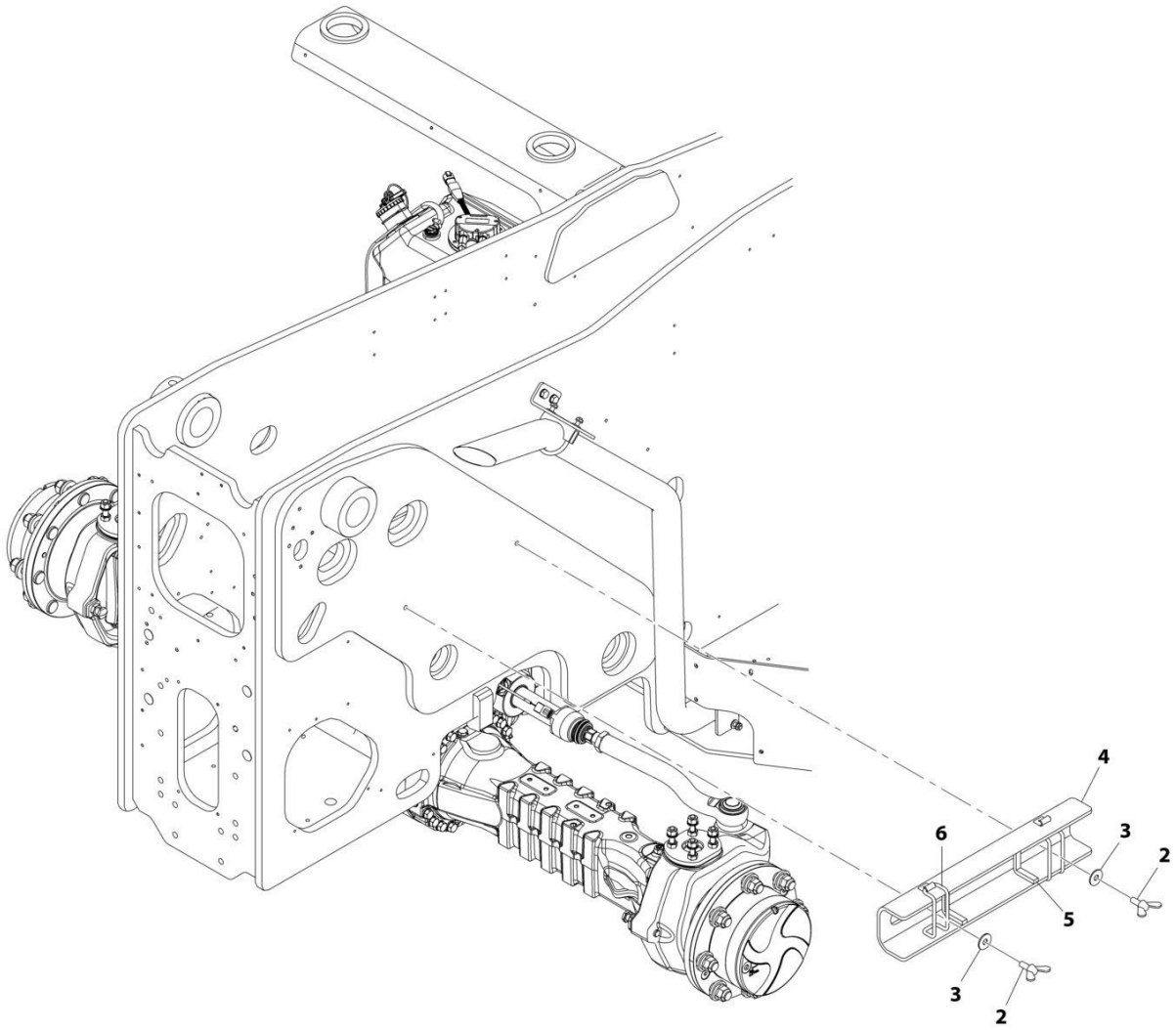


FIGURE 2-14. BOOM PROP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189475	Ref	Boom Prop Installation	D
2	443630	2	Screw, Wing M12X30	
3	4812102	2	Washer, M12	
4	1001204535	1	Bracket, Boom Support	
5	1001189476	2	Pad	
6	1784861	2	O-Ring	

FIGURE 2-15. BOOM BRUSHES INSTALLATION

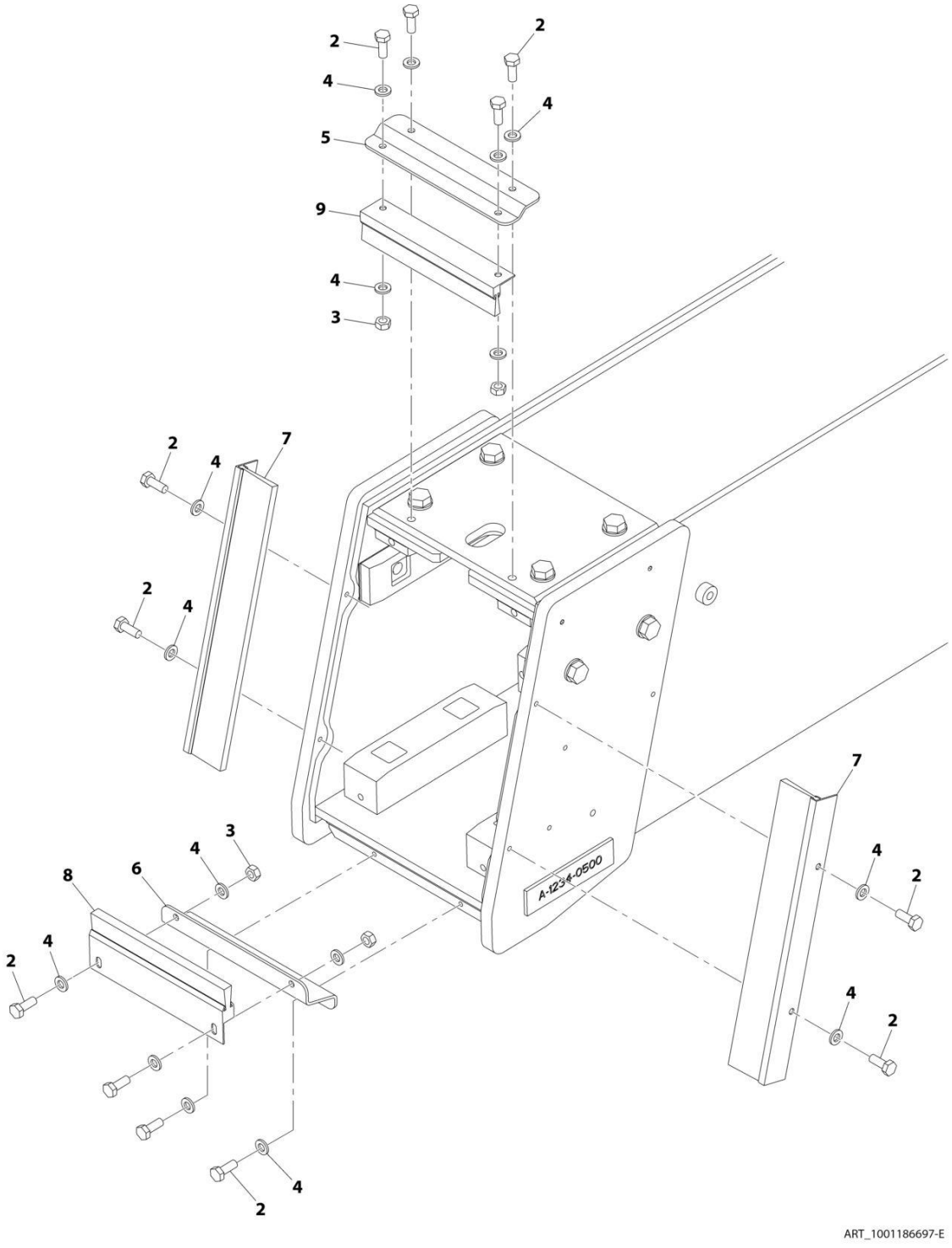


FIGURE 2-15. BOOM BRUSHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186697	Ref	Boom Brushes Installation	E
2	0760608	12	Bolt, M6X16	
3	3290601	4	Nut, M6X1 Grade 8	
4	4811700	16	Washer, M6	
5	1001214600	1	Bracket, Boom Brush Top	
6	1001214312	1	Bracket, Boom Brush Bottom	
7	1001183676	2	Seal, Boom Brush	
8	1001184166	1	Seal, Boom Brush	
9	1001184170	1	Seal, Boom Brush	

FIGURE 2-16. BOOM REMOTE GREASING INSTALLATION

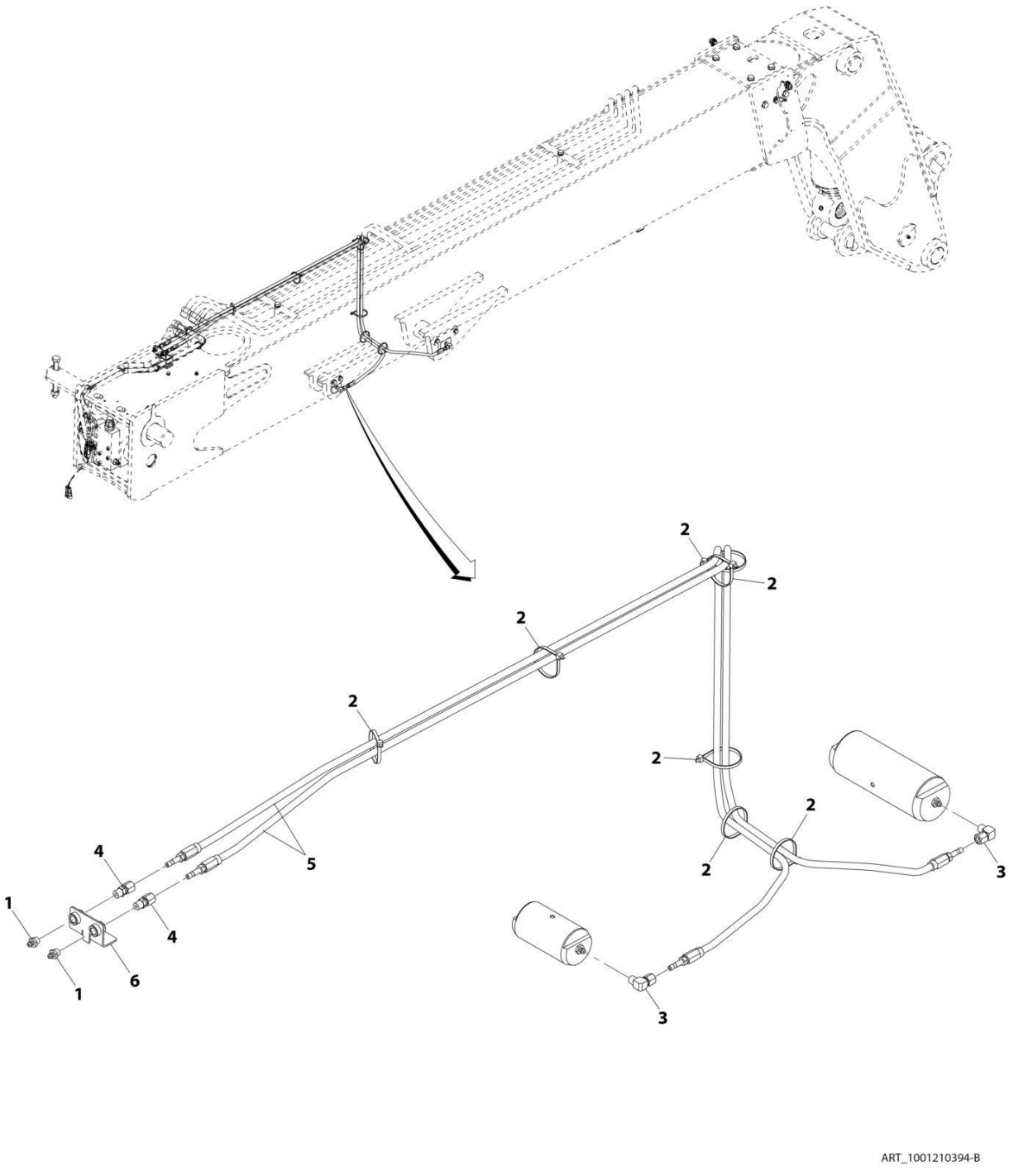


FIGURE 2-16. BOOM REMOTE GREASING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210394	Ref	Boom Remote Greasing Installation	B
1	2160016	2	Fitting, Grease	
2	1001008559	7	Tie, Strap	
3	1001164053	2	Fitting, Grease	
4	1001101563	2	Fitting, Grease	
5	1001210407	2	Hose, Remote Grease	
6	1001210409	NLA	Bracket, Remote Grease (no longer available, use 1001227653 for replacement)	
6	1001227653	1	Bracket, Remote Grease	

SECTION 3 - ATTACHMENTS

FIGURE 3-1. PALLET FORK (50X100X1220)

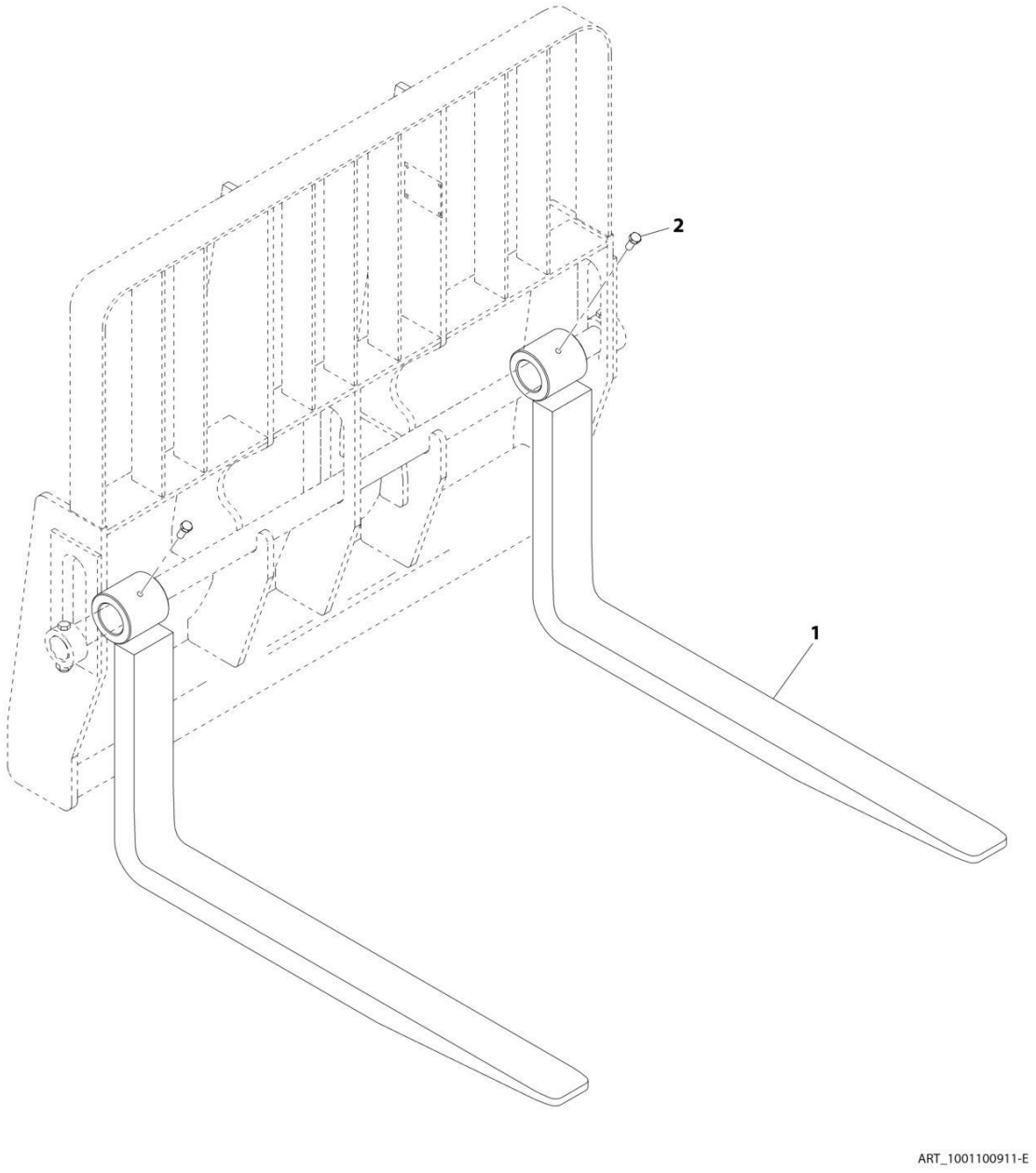


FIGURE 3-1. PALLET FORK (50X100X1220)

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 3-2. PALLET FORK (50X120X1200)

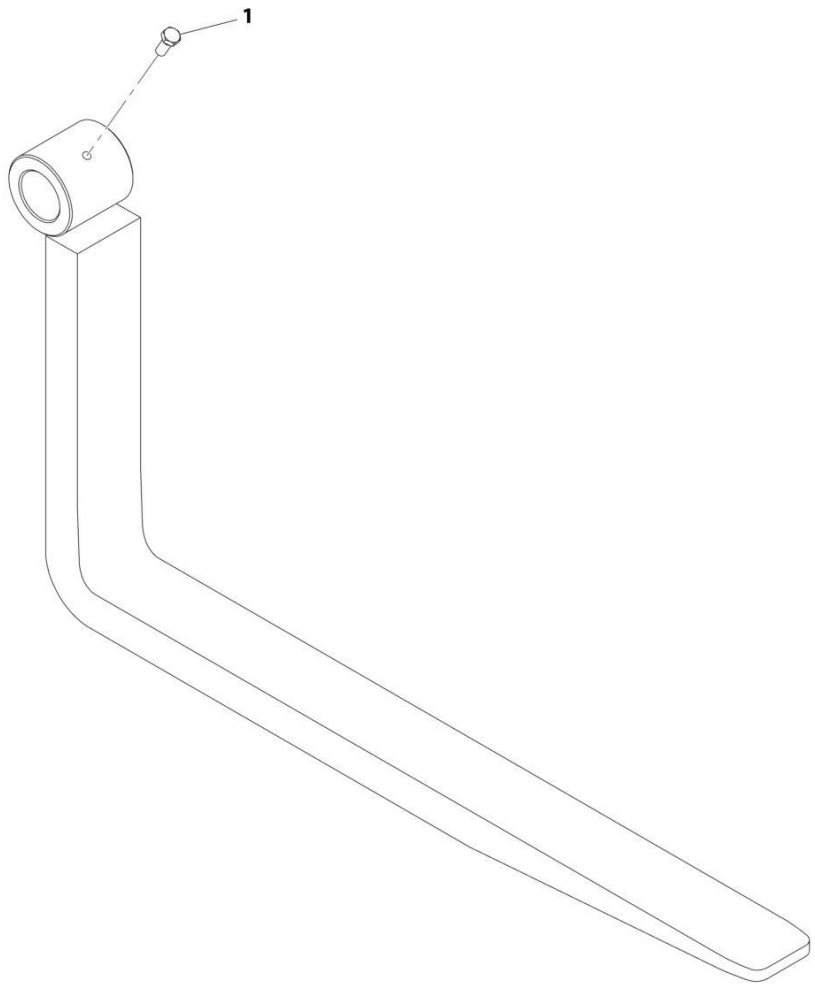


FIGURE 3-2. PALLET FORK (50X120X1200)

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 3-3. PALLET FORK (60X100X1220)

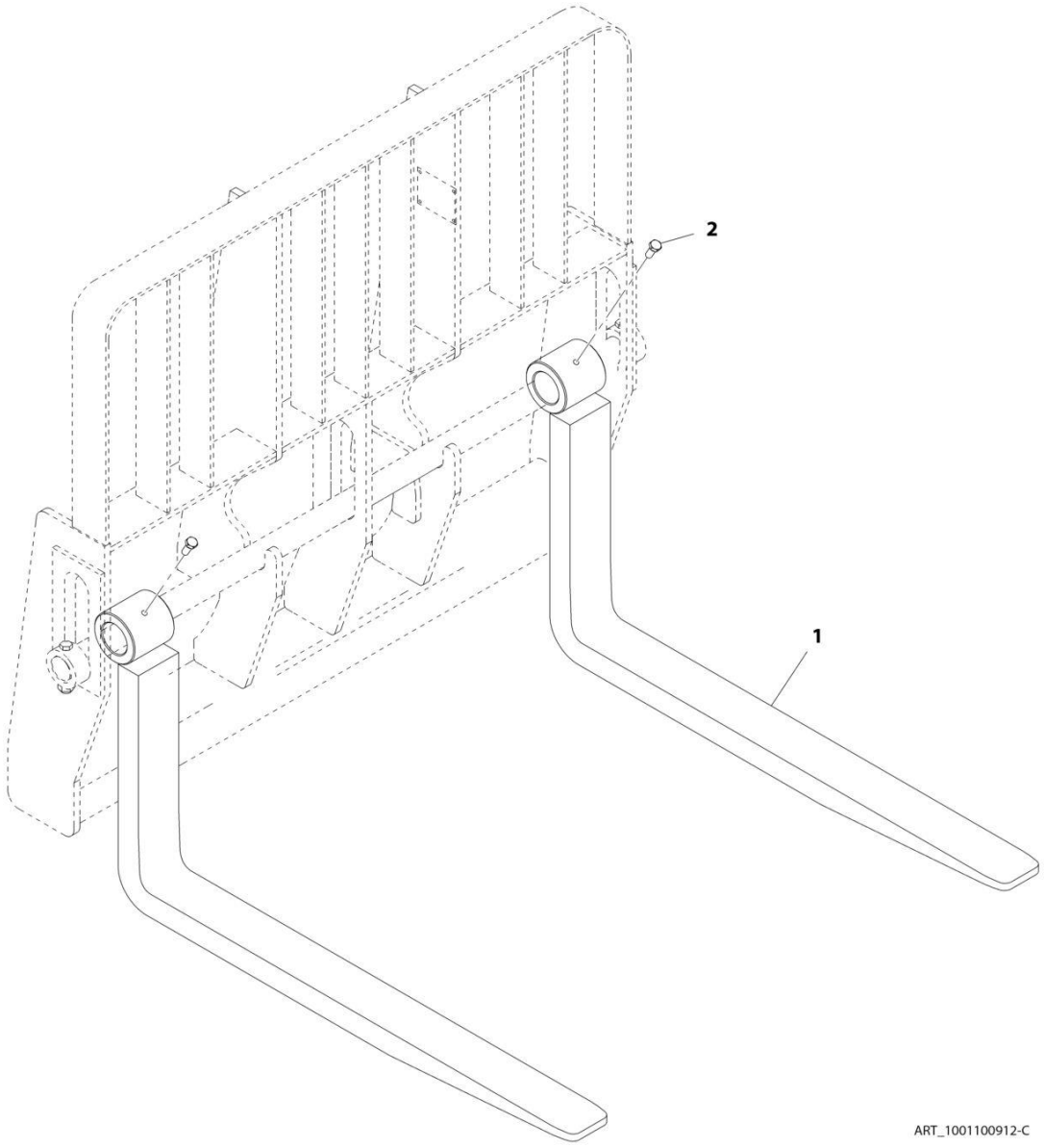
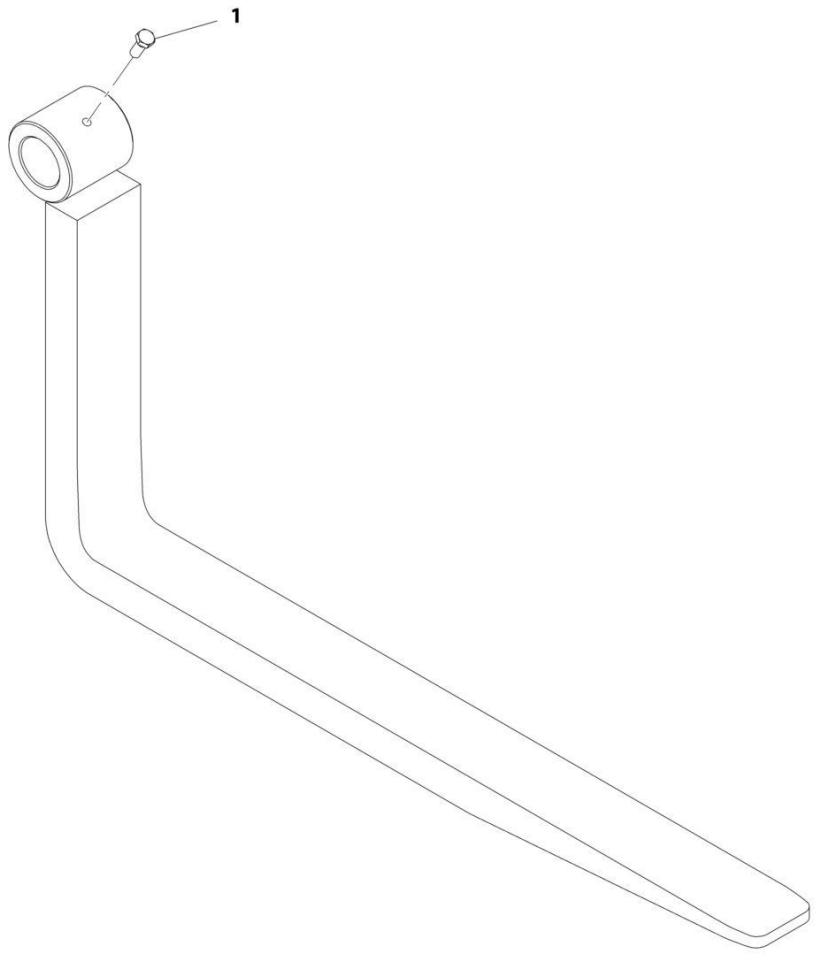


FIGURE 3-3. PALLET FORK (60X100X1220)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001100912	1 pr	Pallet Fork (60X100X1220)	C
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 3-4. PALLET FORK (50X100X1070)



ART_1001170488-A

FIGURE 3-4. PALLET FORK (50X100X1070)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170488	1	Pallet Fork (60X100X1070)	A
1	70027179	1	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 3-5. PALLET FORK (2.36X4X48)

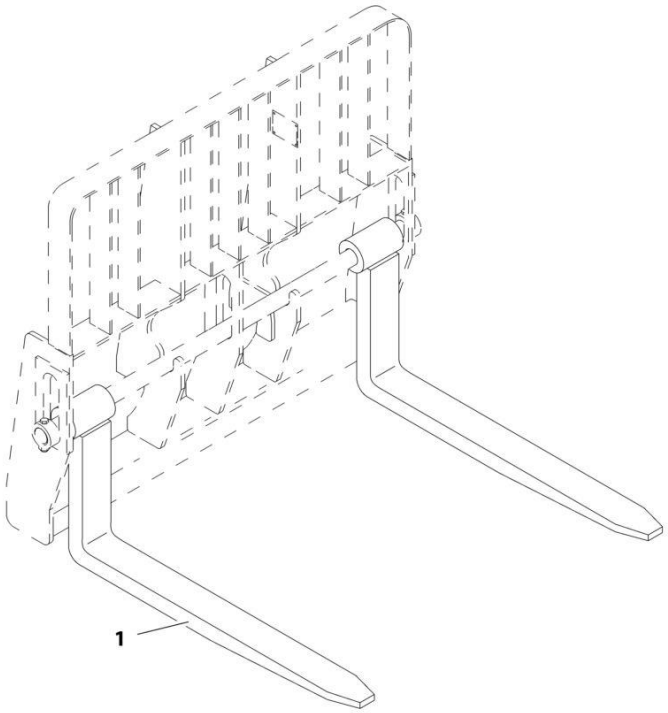


FIGURE 3-5. PALLET FORK (2.36X4X48)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340045	2	Pallet Fork (2.36X4X48)	
	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 3-6. PALLET FORK (2.36X5X48)

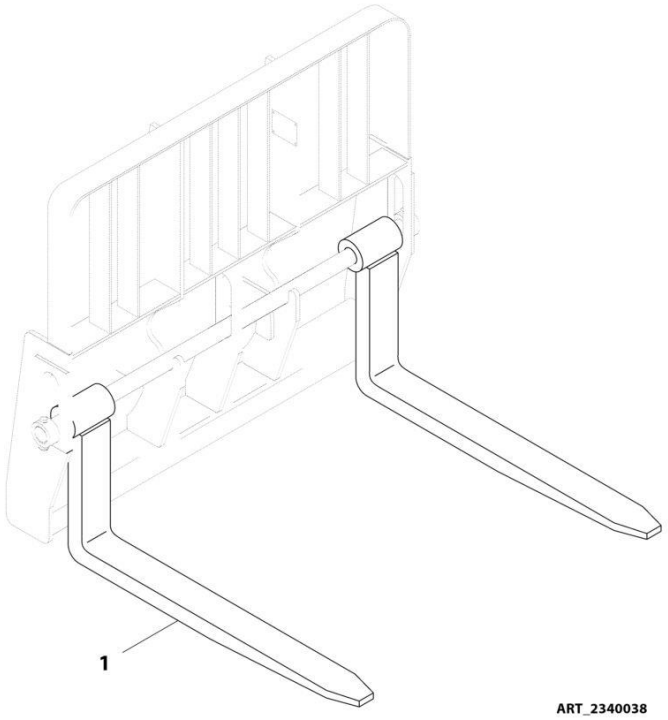
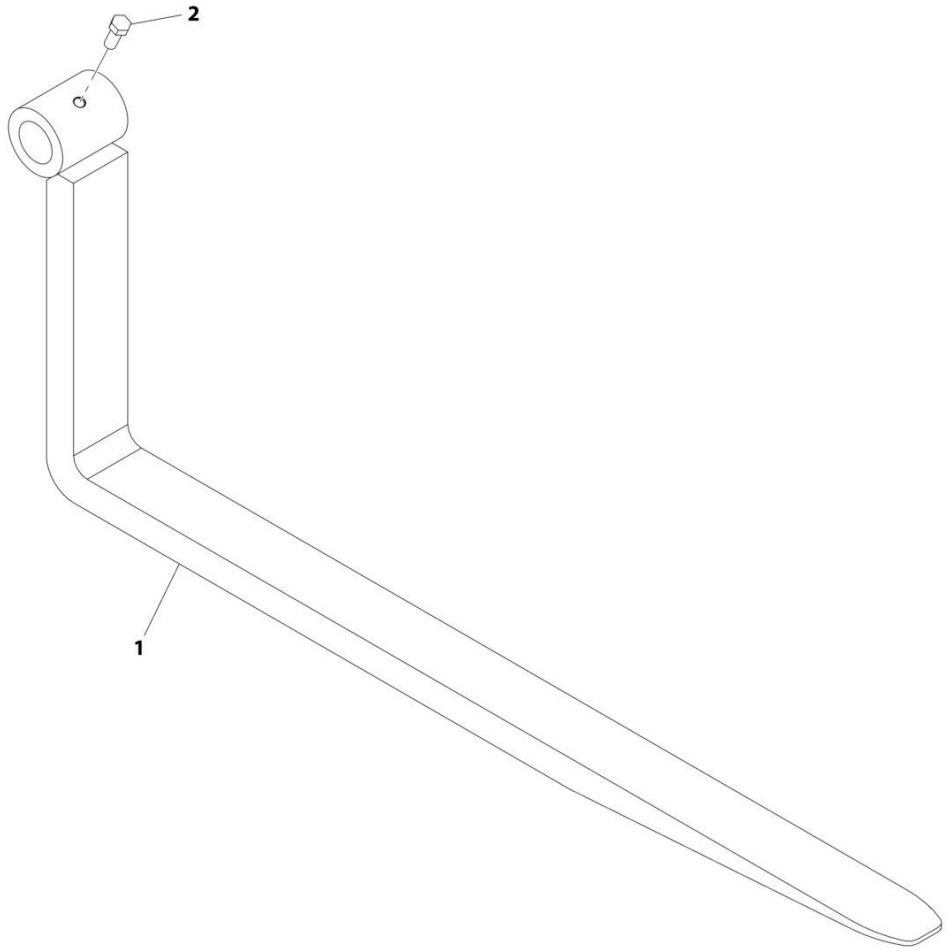


FIGURE 3-6. PALLET FORK (2.36X5X48)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340038	2	Pallet Fork (2.36X5X48)	B
	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 3-7. PALLET FORK (50X100X1525)



ART_1001007539-B

FIGURE 3-7. PALLET FORK (50X100X1525)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001007539	Ref	Pallet Fork (50X100X1525)	B
1	N.S.S.	1	Fork	
2	1001109113	2	Bolt, 5/8-18X1.50, Grade 8	
	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 3-8. BLOCKING FORK (50X50X1220)

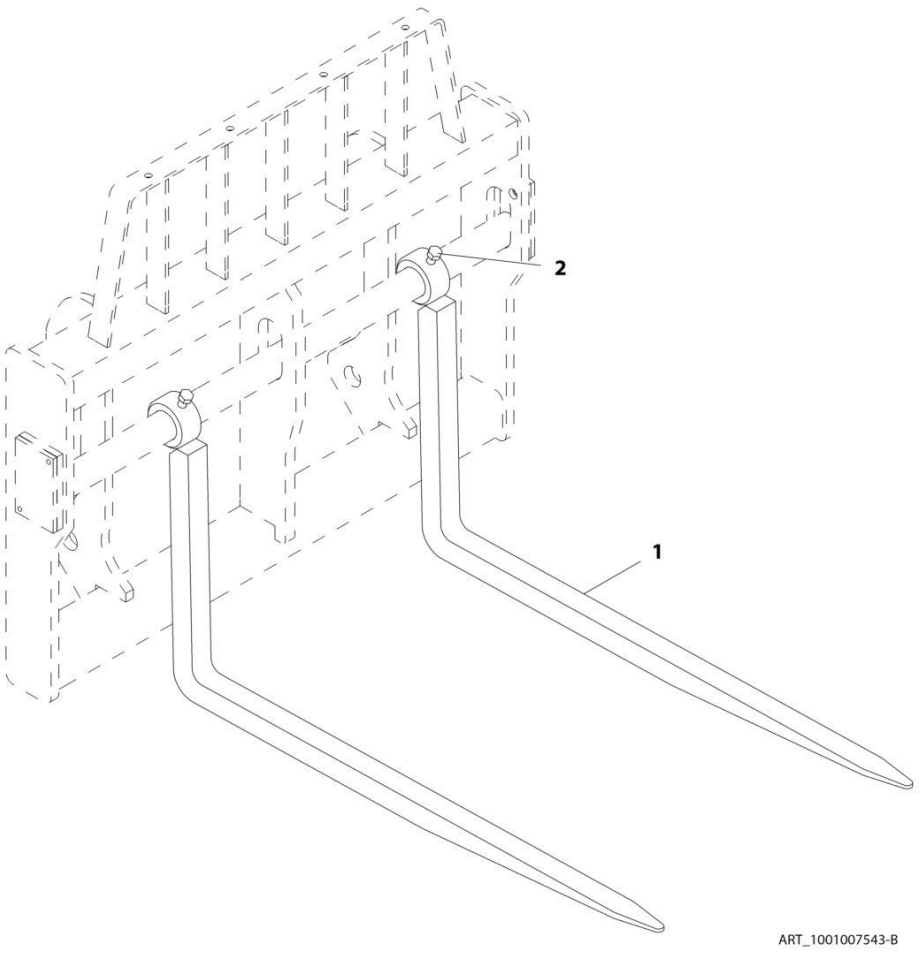


FIGURE 3-8. BLOCKING FORK (50X50X1220)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001007543	1	Blocking Fork (50X50X1220) (pair)	B
2	N.S.S.	1	Fork	
2	1001109113	2	Bolt, 5/8-18X1.50, Grade 8	
	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 3-9. BLOCKING FORK (50X50X1220)

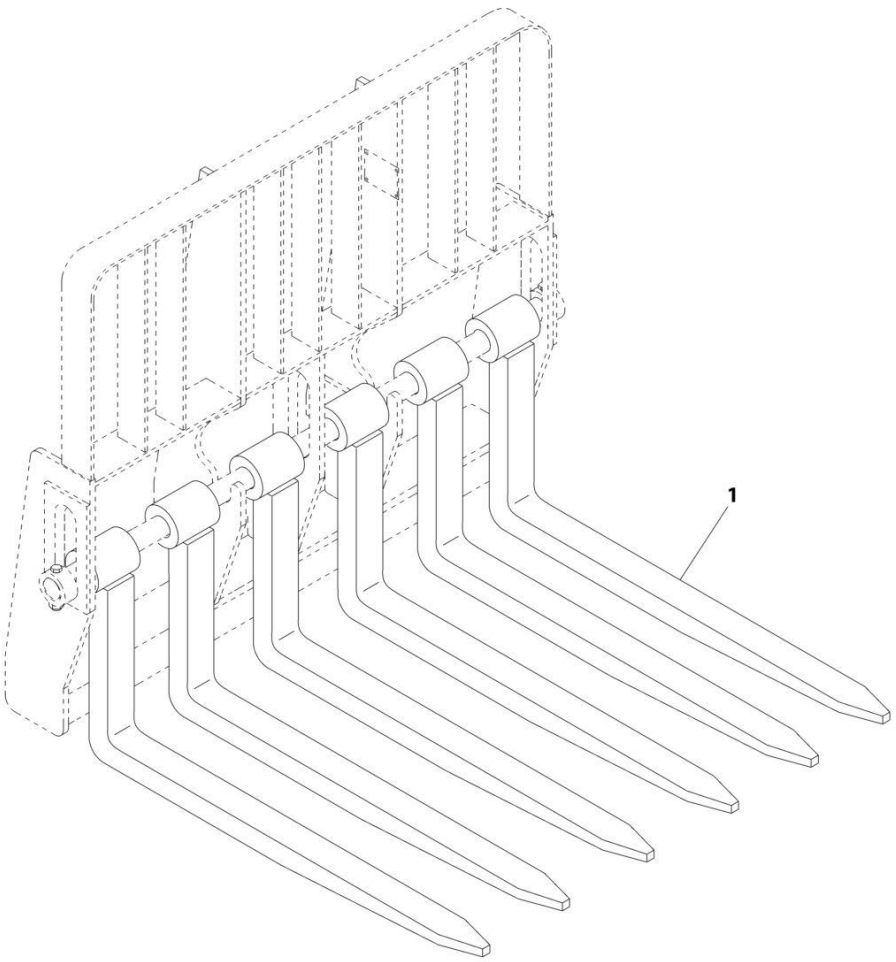


FIGURE 3-9. BLOCKING FORK (50X50X1220)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340037	1	Cubing Fork (2.00X2X48)	A
	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 3-10. CARRIAGE ASSEMBLY (1200MM) (CE AND AUS)

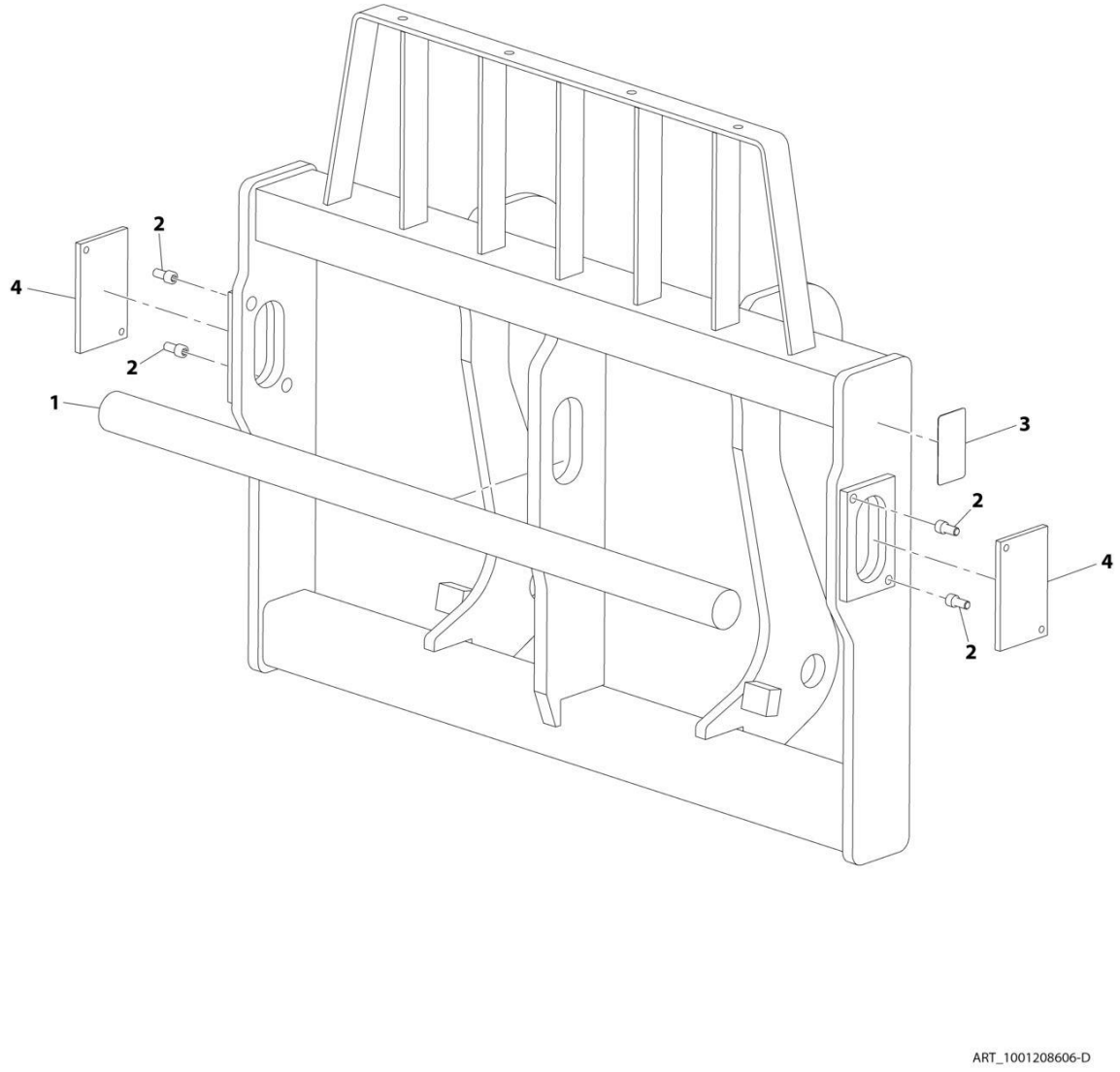


FIGURE 3-10. CARRIAGE ASSEMBLY (1200MM) (CE AND AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208606	1	Carriage Assembly (1200MM) (CE and AUS)	D
1	1001107336	1	Shaft, Carriage	
2	70021504	4	Screw	
3	N.S.S.	1	Plate, Serial Number	
4	1001107338	1	Cover, Plate	

FIGURE 3-11. CARRIAGE ASSEMBLY (1270MM)

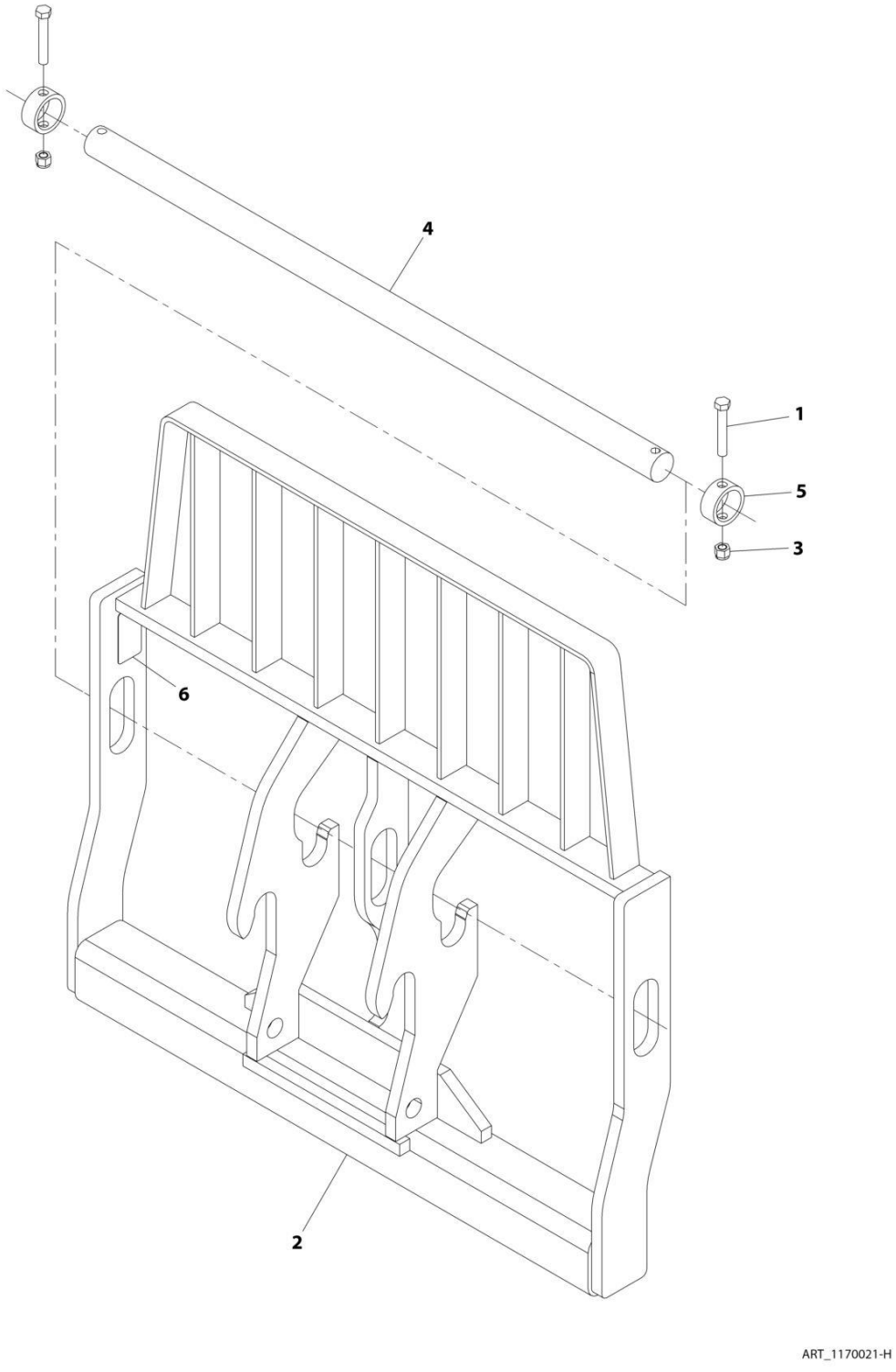


FIGURE 3-11. CARRIAGE ASSEMBLY (1270MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170021	Ref	Carriage Assembly (50 INCH)	H
1	0642032	2	Bolt, 5/8-11X4	
2	1170012	1	Weldment, Carriage	
3	3300240	2	Nut, Lock 5/8-11	
4	3423275	1	Pin, Fork	
5	90200003	2	Collar, Fork Pin	
6	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-12. SIDE TILTING CARRIAGE (4.5 TON - 1225 MM)

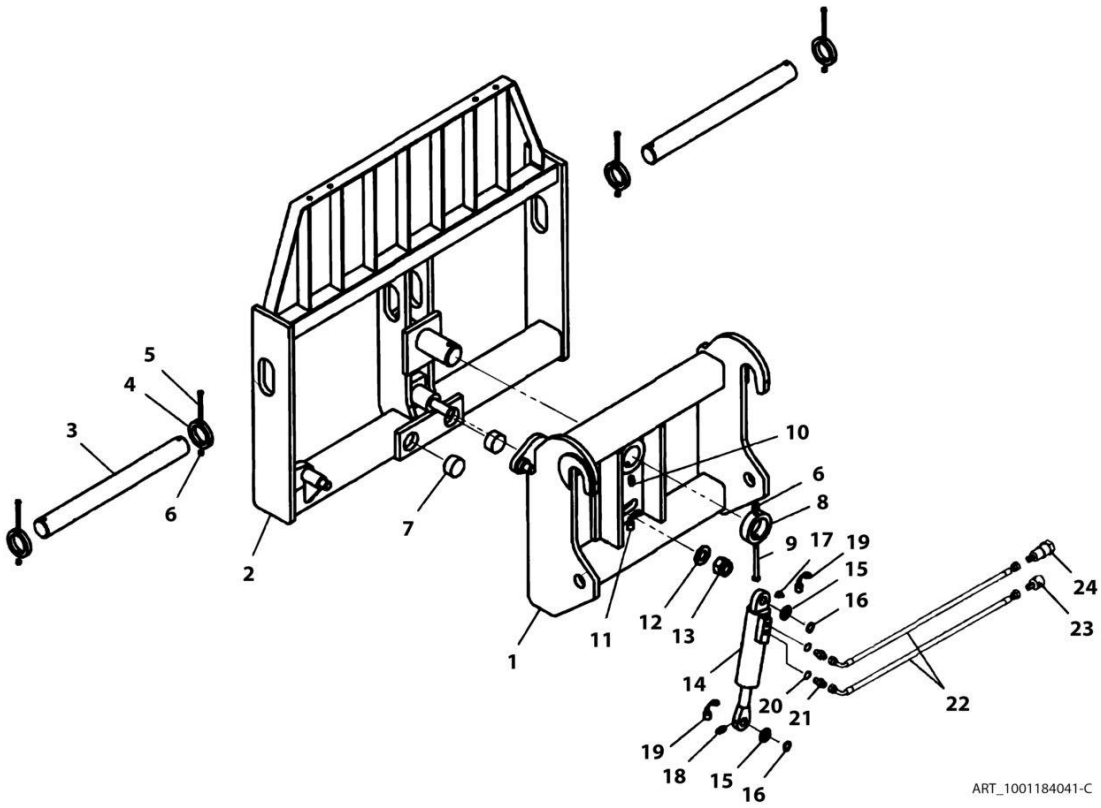


FIGURE 3-12. SIDE TILTING CARRIAGE (4.5 TON - 1225 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184041	1	Side Tilting Carriage (4.5 ton - 1225 MM)	E
1	N.S.S.	1	Carriage Weldment	
2	70027604	1	Fork, Carriage	
3	70027605	2	Pin	
4	70027606	4	Pin, Block	
5	70027607	4	Bolt	
6	70021241	5	Nut, Lock M12	
7	70021238	2	Buffer	
8	70021239	1	Collar	
9	70021240	1	Bolt	
10	70021242	1	Fitting, Grease	
11	70021243	1	Cover, Grease Fitting	
12	70021244	1	Washer	
13	70022697	1	Nut, Lock	
14	70020506	1	Cylinder	
15	70020507	1	Washer	
16	70020508	2	Ring, Snap	
17	70021245	1	Fitting, Grease	
18	70021246	1	Fitting, Grease	
19	70021247	2	Cover, Grease Fitting	
20	70020730	2	O-Ring	
21	70020731	2	Fitting	
22	70021248	2	Tube, Hydraulic	
23	1001094556	1	Coupling, Male Quick Disconnect	
24	1001094555	1	Coupling, Female Quick Disconnect	

FIGURE 3-13. SIDE TILTING CARRIAGE (4.5 TON - 1270 MM)

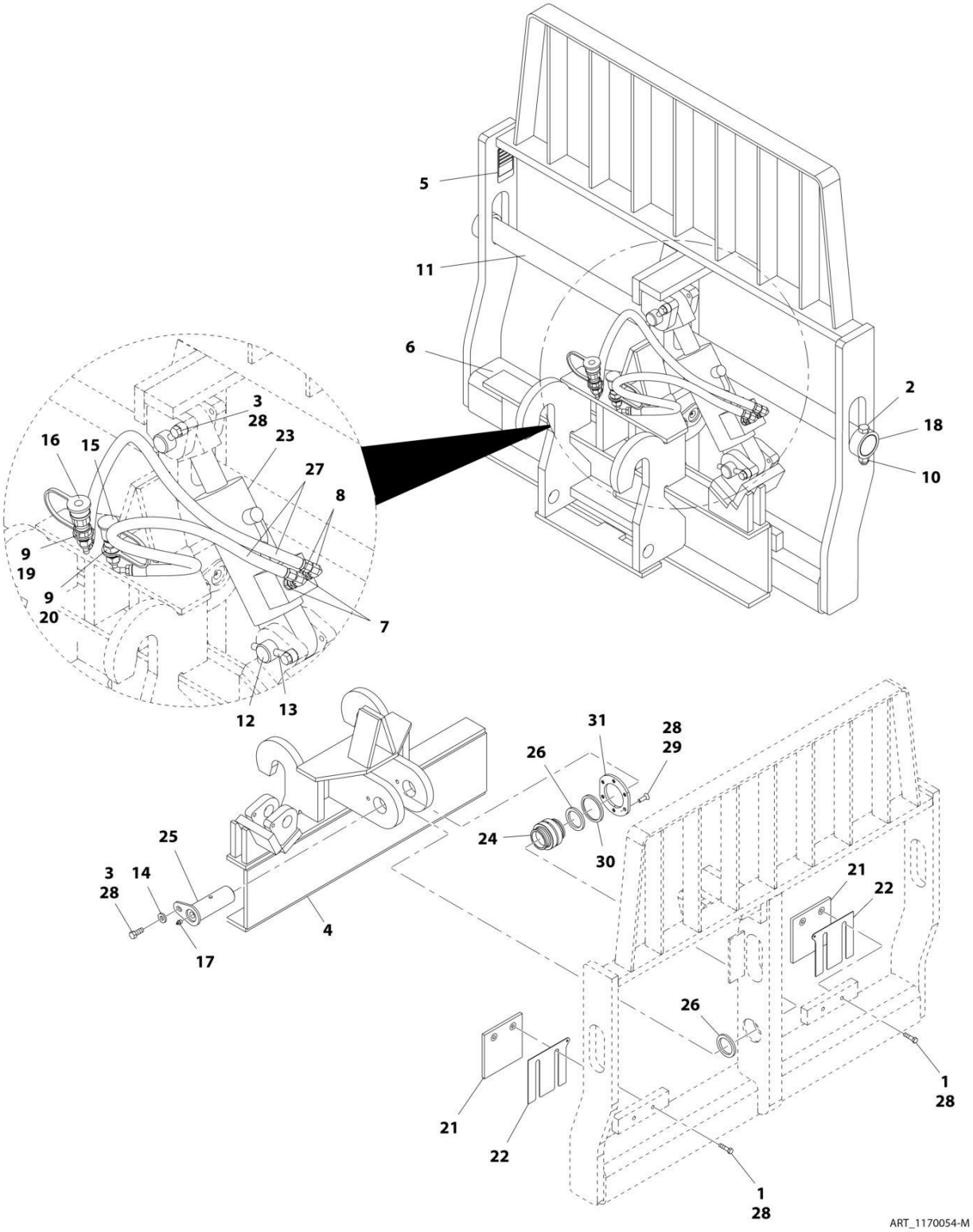


FIGURE 3-13. SIDE TILTING CARRIAGE (4.5 TON - 1270 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170054	1	Side Tilting Carriage (4.5 ton - 1270 MM)	M
1	0641612	4	Bolt, 3/8-16X1-1/2	
2	0642032	2	Bolt, 5/8-11X4	
3	0681810	3	Bolt, 1/2-13X1-1/4	
4	1001133072	1	Carriage, Base Pivot	
5	N.S.S.	1	Plate, Serial Number	
6	N.S.S.	1	Carriage, Side Tilt	
7	2110606	2	Fitting, Straight ORFS	
8	2172106	2	Fitting, 90 ORFS	
9	2110808	2	Fitting, Straight ORFS	
10	3300240	2	Nut, Locking 5/8-11	
11	3423275	1	Pin, Fork	
12	3423307	2	Pin	
13	3841203	2	Keeper	
14	4891800	1	Flatwasher	
15	8420053	1	Cap	
16	8420055	1	Plug	
17	88671001	1	Fitting, Grease	
18	90200003	2	Collar	
19	91403413	1	Fitting	
20	91403414	1	Fitting	
21	1001090063	2	Pad	
22	1001090064	AR	Shim	
23	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
24	1001090140	1	Bearing	
25	1001099113	1	Pin	
26	1001099115	2	Sleeve	
27	1001102378	2	Hose	
28	0100011	AR	Compound, Locking	
29	0741610	6	Screw, 3/8-16X1.25	
30	1001120914	1	Shim	
31	1001120915	1	Plate	

FIGURE 3-14. SIDE SHIFT CARRIAGE (4.0 TON - 1225 MM)

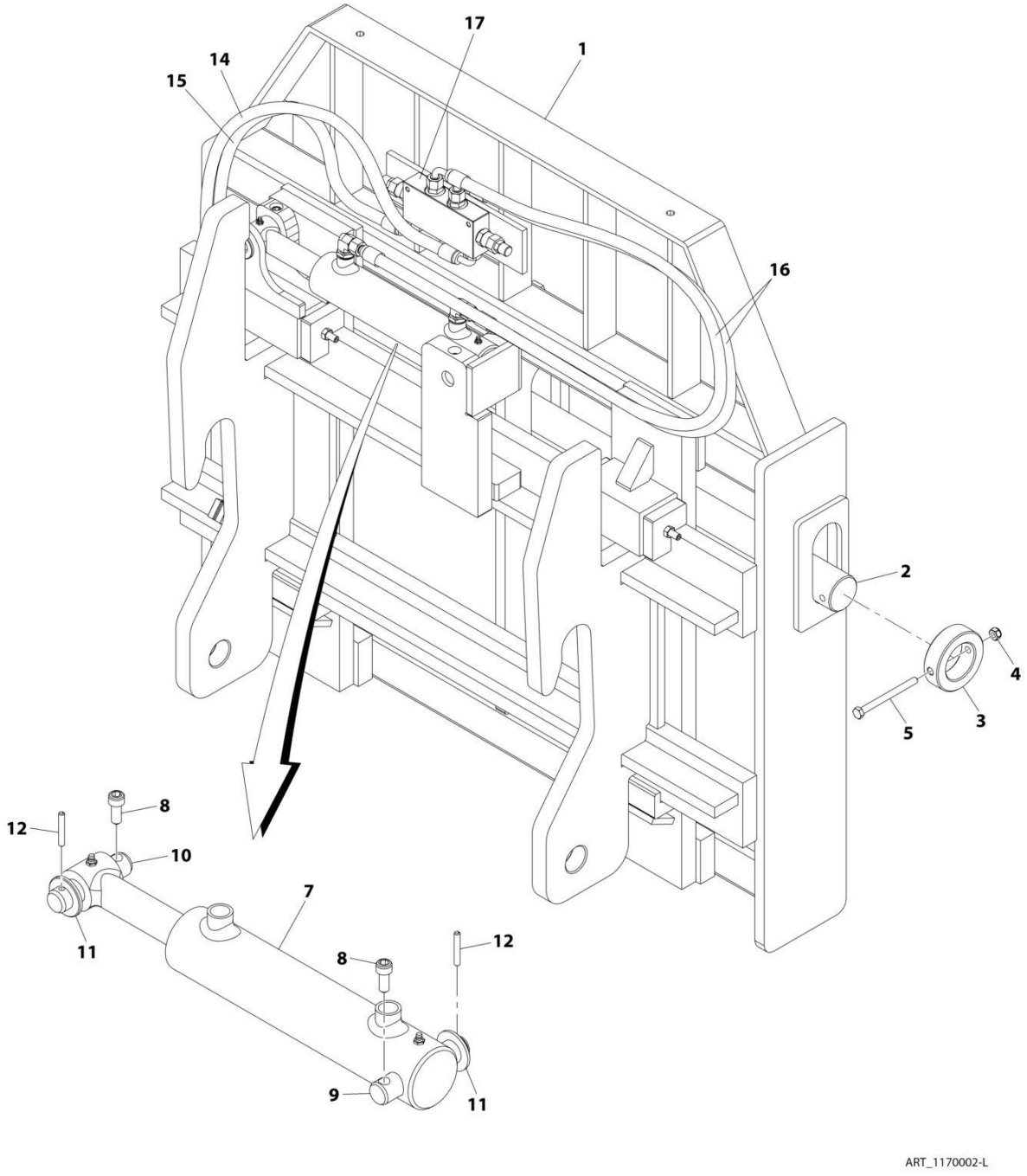


FIGURE 3-14. SIDE SHIFT CARRIAGE (4.0 TON - 1225 MM)

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 3-15. SIDE SHIFT CARRIAGE (5.5 TON - 1270 MM)

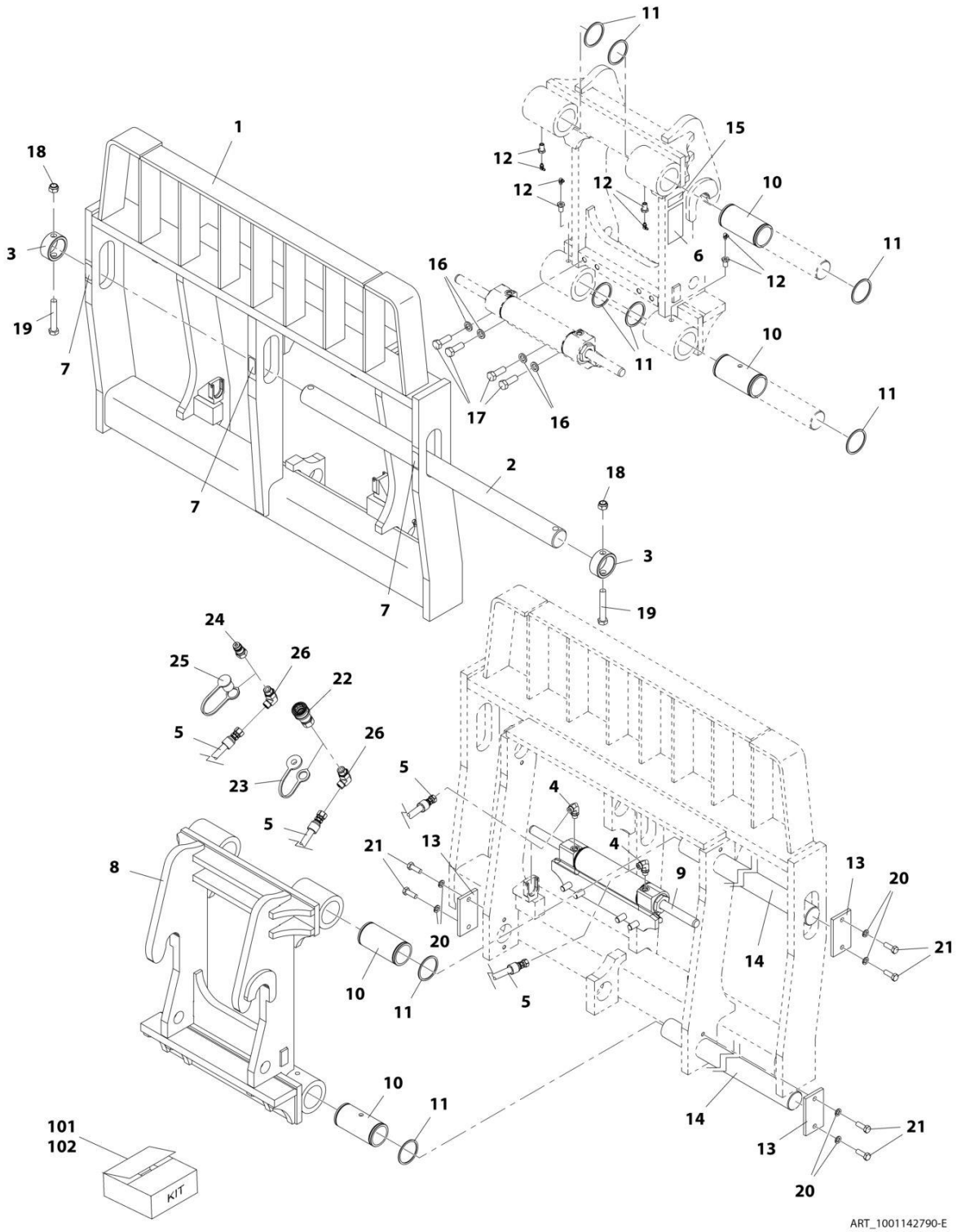


FIGURE 3-15. SIDE SHIFT CARRIAGE (5.5 TON - 1270 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142790	Ref	Side Shift Carriage (5.5 ton - 1270 MM)	E
1	N.S.S.	1	Weldment	
2	70024535	1	Shaft	
3	70024536	2	Collar	
4	70024123	2	Fitting, 90	
5	70024537	2	Hose	
6	N.S.S.	1	S/N Plate	
7	70024538	3	Decal, Warning	
8	N.S.S.	1	Weldment	
9	70024539	1	Cylinder, Side Shift (ANSI) (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
10	70024540	4	Bushing	
11	70024541	8	Circlip	
12	70024542	4	Fitting, Grease	
13	70024543	4	Retainer	
14	70024544	2	Shaft	
15	N.S.S.	1	S/N Plate	
16	70024551	4	Washer, Lock M16	
17	70024552	4	Bolt, M16X45	
18	70024553	2	Nut, Hex M16	
19	70024554	2	Bolt, M16X100	
20	70022997	8	Washer, Lock M12	
21	70024555	8	Bolt, M12X35	
22	91403413	1	Fitting, Straight	
23	8420055	1	Plug	
24	91403414	1	Fitting, Straight	
25	8420053	1	Cap, Dust	
26	70024550	2	Fitting, 90	
101	70024545	1	Kit, Hydraulic Repair (includes items 5 & 22 thru 26)	
102	70024546	1	Kit, Retainer (includes items 13, 20 & 21)	

FIGURE 3-16. FORK POSITIONING CARRIAGE WITH FORKS (4.5 TON)

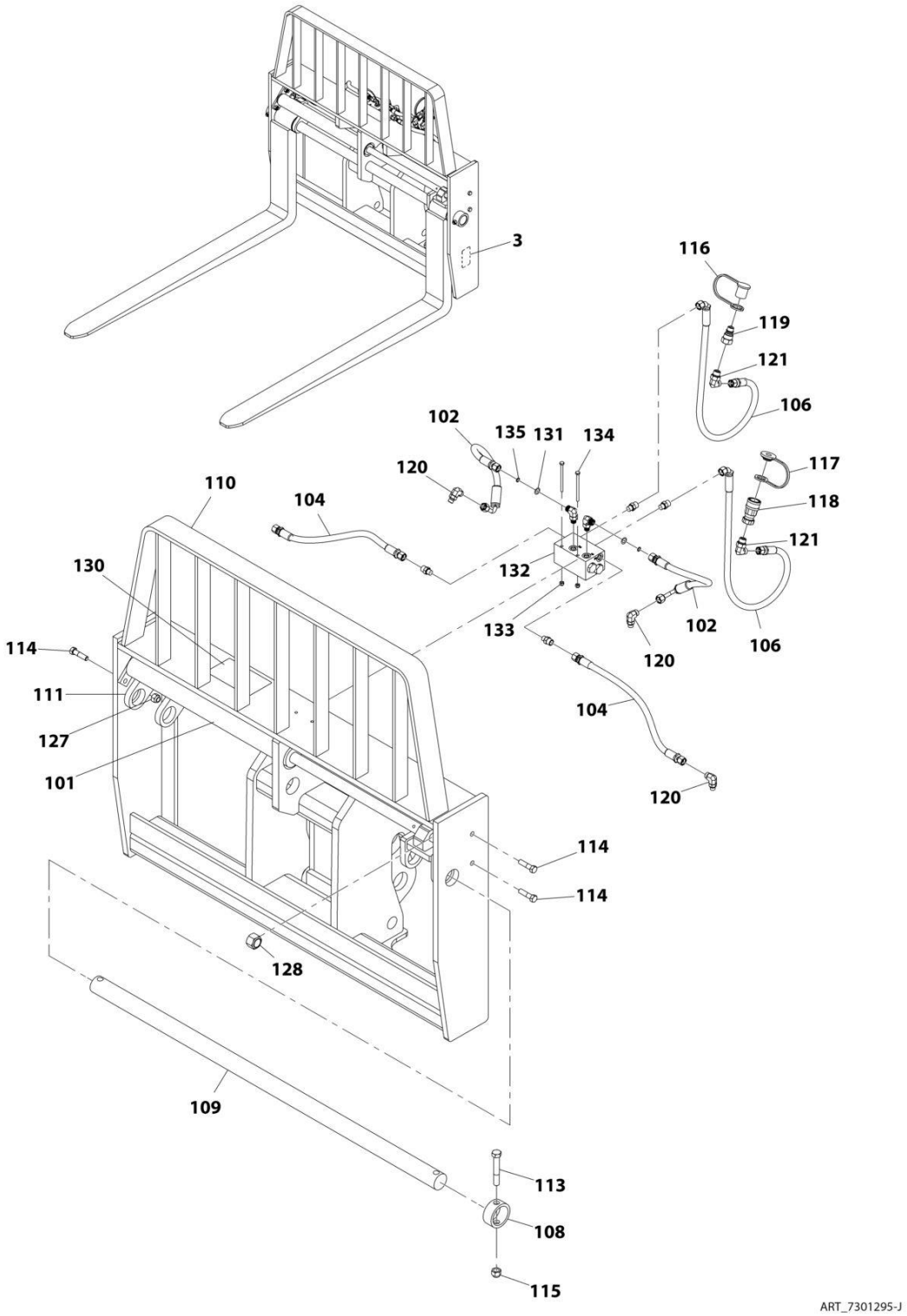


FIGURE 3-16. FORK POSITIONING CARRIAGE WITH FORKS (4.5 TON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7301295	Ref	FORK POSITIONING CARRIAGE (4.5 TON)	J
3	N.S.S.	1	S/N Plate	
101	2717283	2	Cylinder, Fork Positioning (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
102	2717160	2	Hose	
104	2717161	2	Hose	
106	2717162	1	Hose 36in (Boom Front Disconnect)	
106	70031443	1	Hose 44in (Boom Side Disconnect)	
108	90200003	2	Collar, Fork Pin	
109	90451058	1	Shaft, Fork	
110	N.S.S.	1	Weldment, Carriage	
111	N.S.S.	1	Weldment, Fork Adapter	
113	8303634	2	Bolt 5/8 x 4	
114	8303658	4	Bolt 1/2 x 2	
115	8305643	2	Nut 5/8	
116	8420053	1	Cap, Dust	
117	8420055	1	Plug, Dust	
118	91403413	1	Adapter, Quick Disconnect	
119	91403414	1	Adapter, Quick Disconnect	
120	2130606	4	Adapter, 90 Straight	
121	2130608	2	Adapter, 90 Straight	
127	8310302	4	Nut 1/2	
128	10705034	2	Nut 1	
130	4110473	1	Decal, Warning Route Hoses	
131	7139918	2	Disk, Orifice	
132	4641502	1	Assembly, Dual Fork Carriage Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
133	8305624	2	Nut 1/4	
134	8310435	2	Bolt 1/4 x 3-3/4	
135	8630003	2	O-Ring	

FIGURE 3-17. DUAL FORK CARRIAGE ASSEMBLY

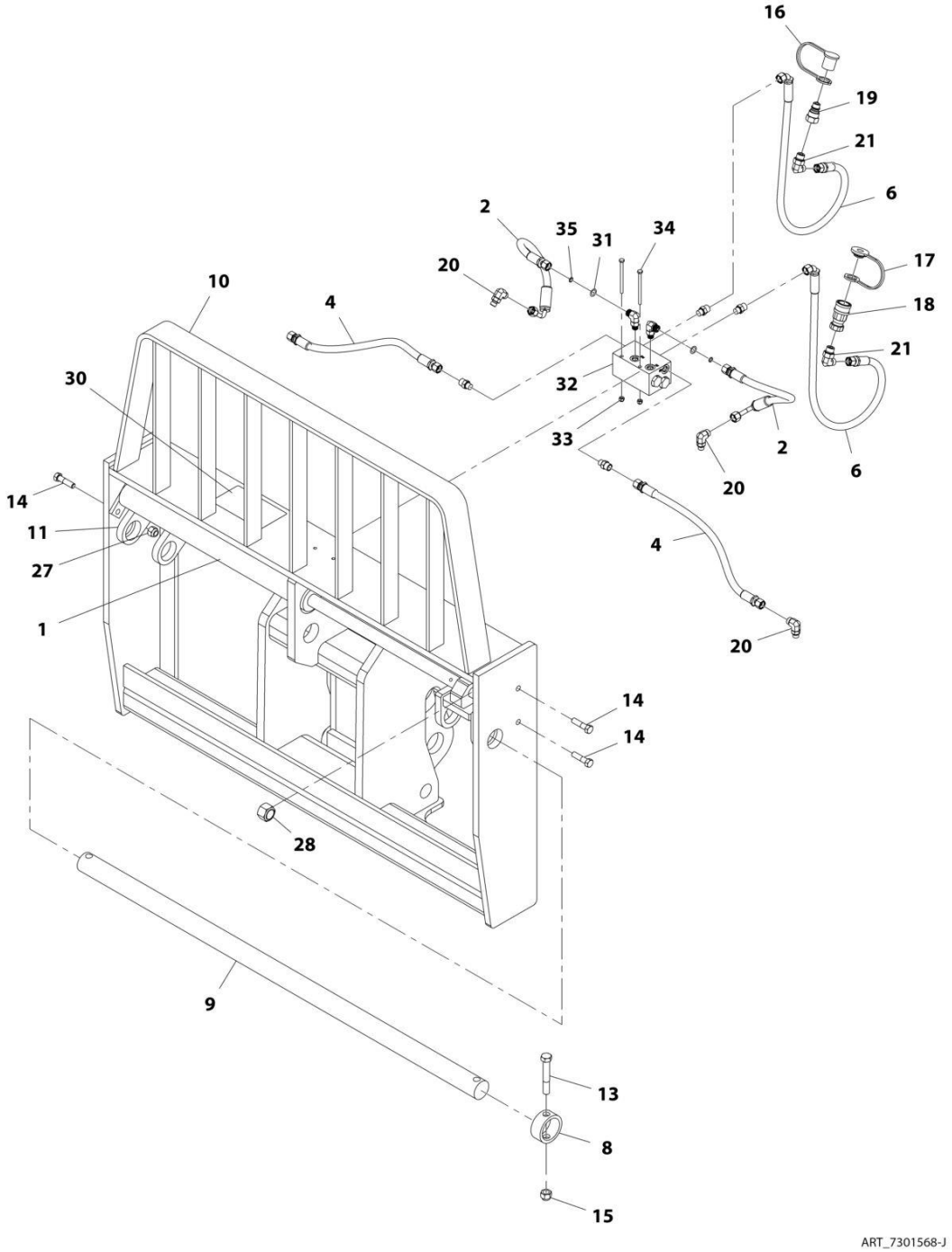


FIGURE 3-17. DUAL FORK CARRIAGE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7301568	Ref	Dual Fork Carriage Assembly	J
1	2717283	2	Cylinder, Fork Positioning (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	2717160	2	Hose	
4	2717161	2	Hose	
6	2717162	2	Hose	
8	90200003	2	Collar, Fork Pin	
9	90451058	1	Shaft, Fork	
10	N.S.S.	1	Weldment, Carriage	
11	N.S.S.	2	Weldment, Fork Adapter	
13	8303634	2	Bolt, 5/8-11X4	
14	8303658	4	Bolt, 1/2-13X2	
15	8305643	2	Nut, Lock 5/8-11	
16	8420053	1	Cap, Dust	
17	8420055	1	Plug, Dust	
18	91403413	1	Fitting, Straight	
19	91403414	1	Fitting, Straight	
20	2130606	4	Fitting, 90	
21	2130608	2	Fitting, 90	
27	8310302	4	Nut, Lock 1/2-13	
28	10705034	2	Nut, Lock 1-14	
30	4110473	1	Decal, Warning Route Hoses	
31	7139918	2	Disk, Orifice	
32	4641502	1	Assembly, Dual Fork Carriage Valve (See Separate Breakdown in this Section)	
33	8305624	2	Nut, Lock 1/4-20	
34	8310435	2	Bolt, 1/4-20X3-3/4	
35	8630003	2	O-Ring	

FIGURE 3-18. DUAL FORK CARRIAGE VALVE ASSEMBLY

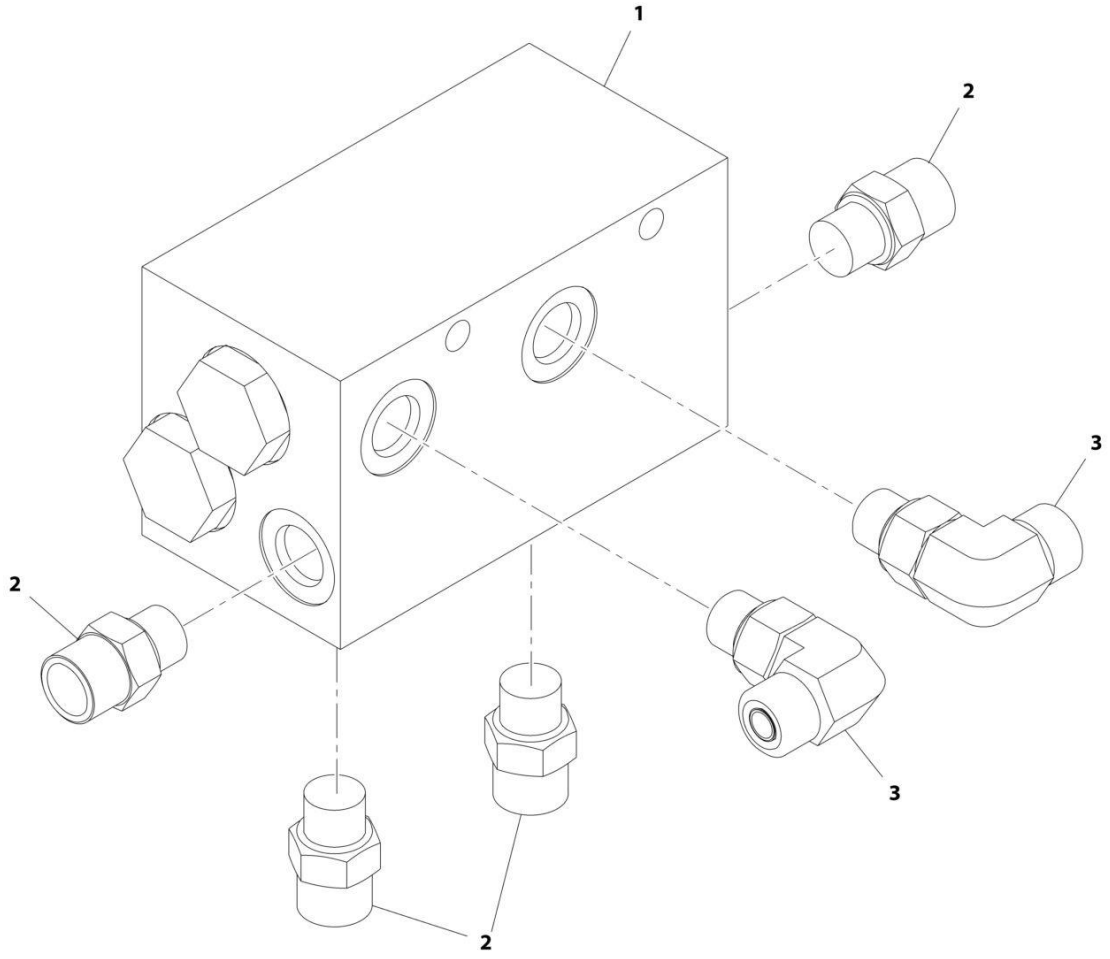


FIGURE 3-18. DUAL FORK CARRIAGE VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641502	Ref	Dual Fork Carriage Valve Assembly	B
1	4641501	1	Valve, Flow Divider (See Separate Breakdown in this Section)	
2	2110606	4	Fitting, Straight ORFS	
3	2130606	2	Fitting, 90	

FIGURE 3-19. DUAL TINE BAILING FORK CARRIAGE

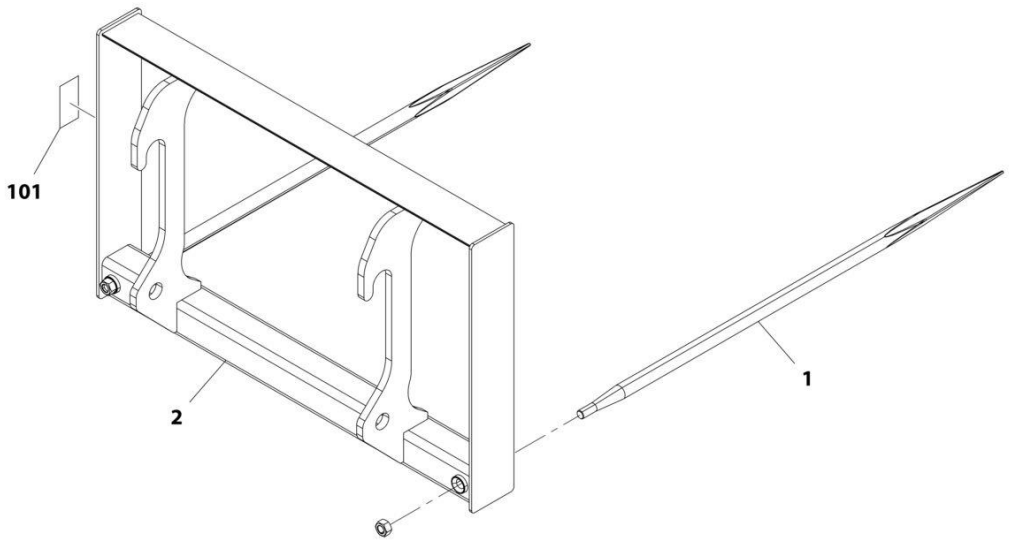


FIGURE 3-19. DUAL TINE BAILING FORK CARRIAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211897	1	Dual Tine Bailing Fork Carriage	B
1	70027631	2	Tine, Bale (includes Hex Nut)	
2	N.S.S.	Ref	Weldment, Carriage	
101	N.S.S.	Ref	Plate, Serial Number	

FIGURE 3-20. BUCKET 1.0 YD³ (ANSI - JLG)

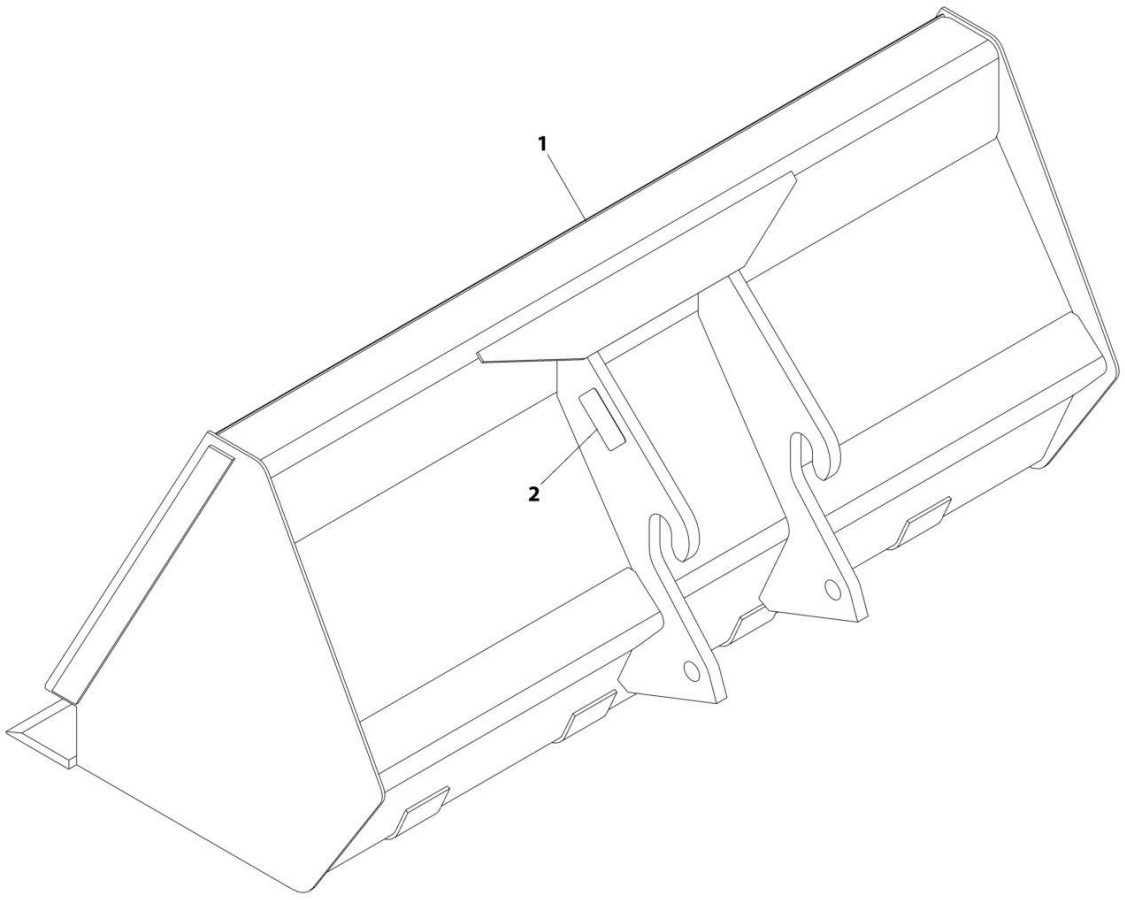


FIGURE 3-20. BUCKET 1.0 YD³ (ANSI - JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100822	Ref	BUCKET 1.0 YD³ (ANSI - JLG)	F
1	1001100265	1	Bucket Weldment	
2	N.S.S.	1	S/N Plate	

FIGURE 3-21. BUCKET 1.0 M³ (CE AND AUS)

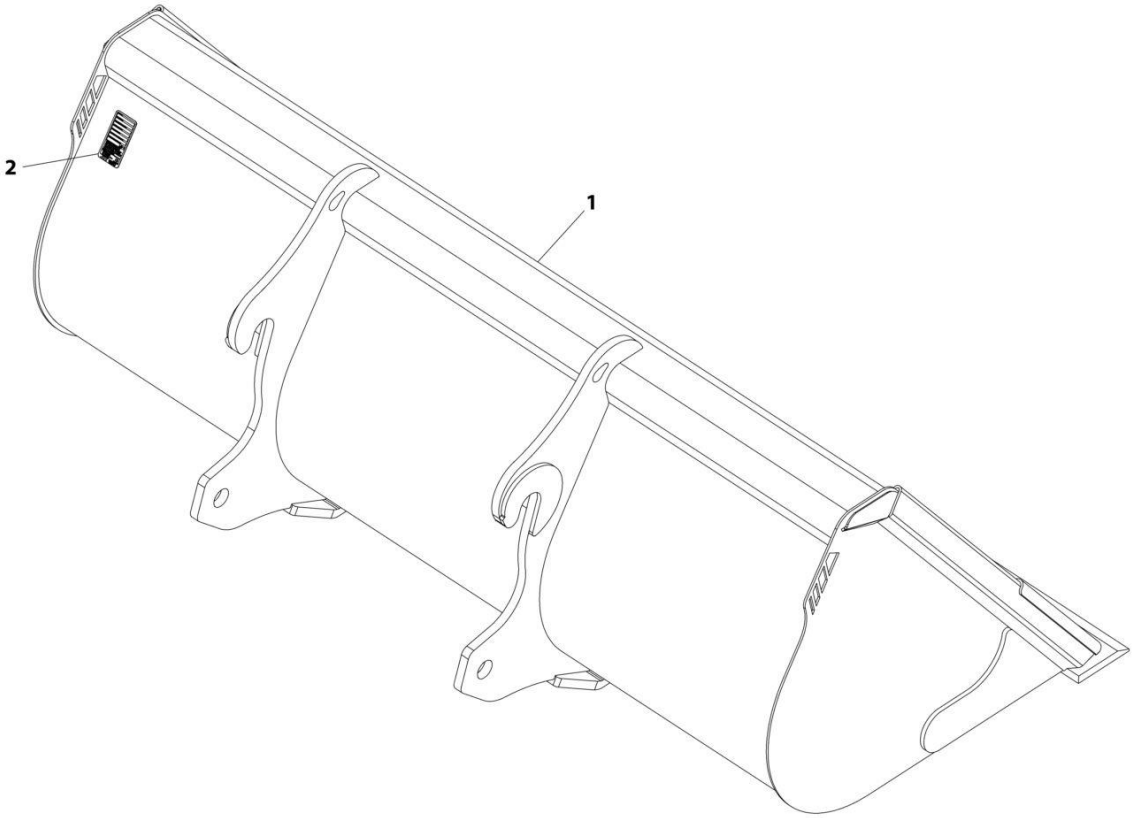


FIGURE 3-21. BUCKET 1.0 M³ (CE AND AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001212685	1	Bucket 1.0 m³ (CE and AUS - JLG)	C
2	N.S.S.	1	Plate, Serial Number	

FIGURE 3-22. BUCKET 1.5 M³ (CE AND AUS)

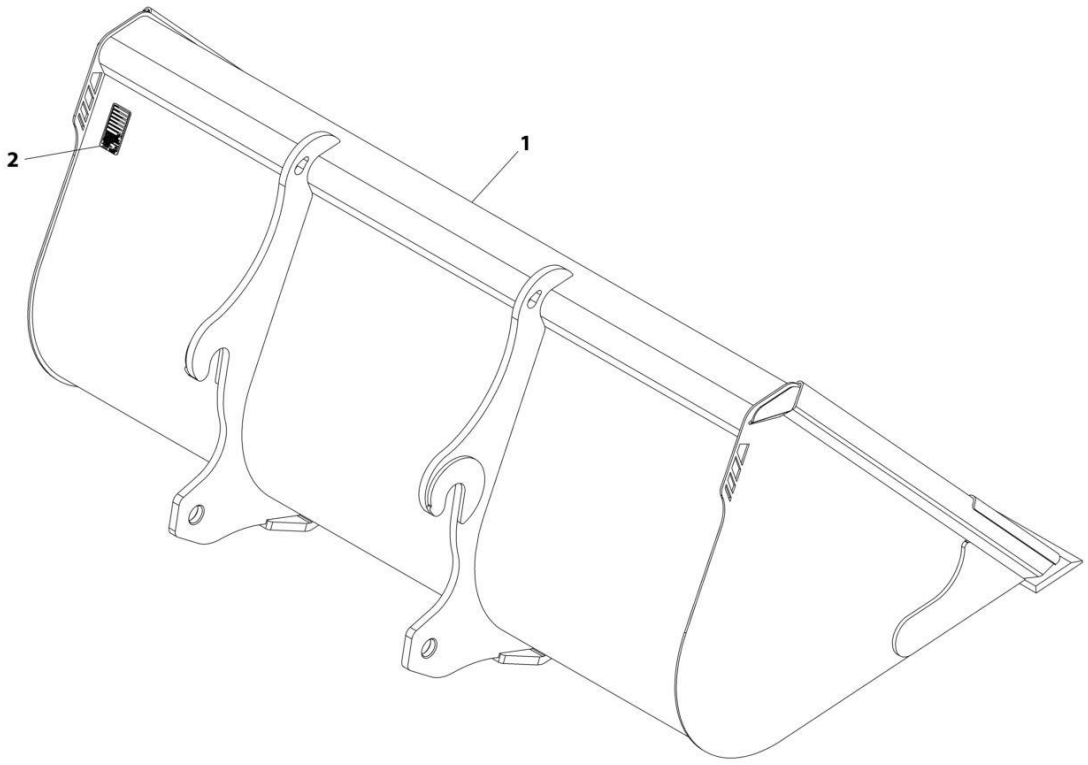
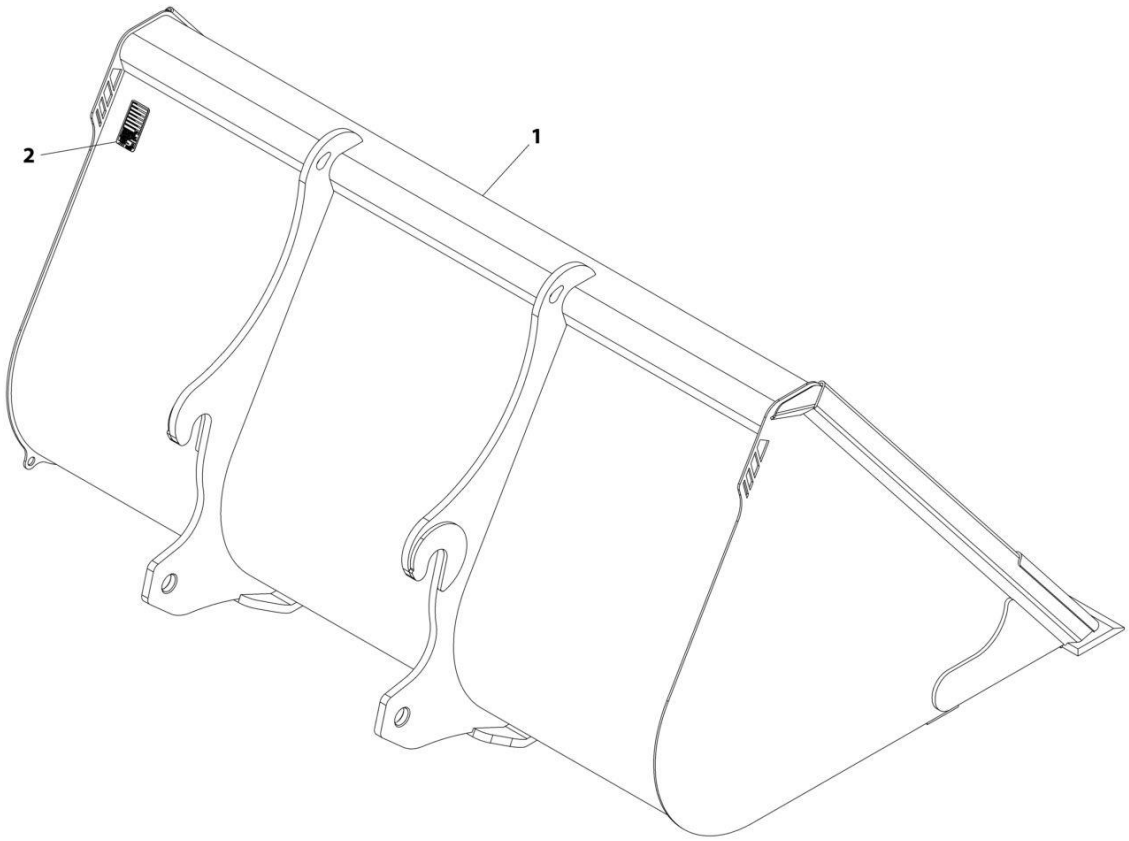


FIGURE 3-22. BUCKET 1.5 M³ (CE AND AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001212687	1	Bucket 1.5 m³ (CE and AUS)	C
2	N.S.S.	1	Plate, Serial Number	

FIGURE 3-23. BUCKET 2.0 M³ (CE AND AUS)



ART_1001212689-C

FIGURE 3-23. BUCKET 2.0 M³ (CE AND AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001212689	1	Bucket 2.0 m³ (CE and AUS)	C
2	N.S.S.	1	Plate, Serial Number	

FIGURE 3-24. FORK MOUNTED BUCKET (1.0 M³)

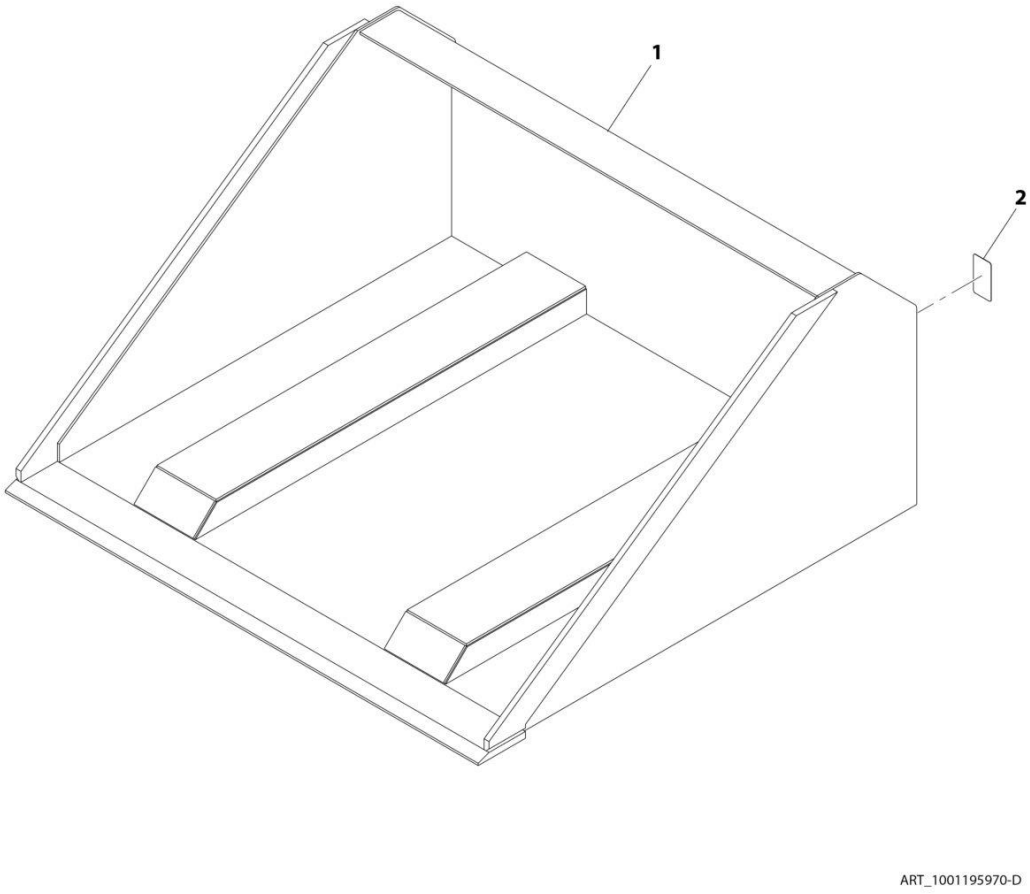


FIGURE 3-24. FORK MOUNTED BUCKET (1.0 M³)

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

FIGURE 3-25. 4 IN 1 BUCKET 0.6 M³

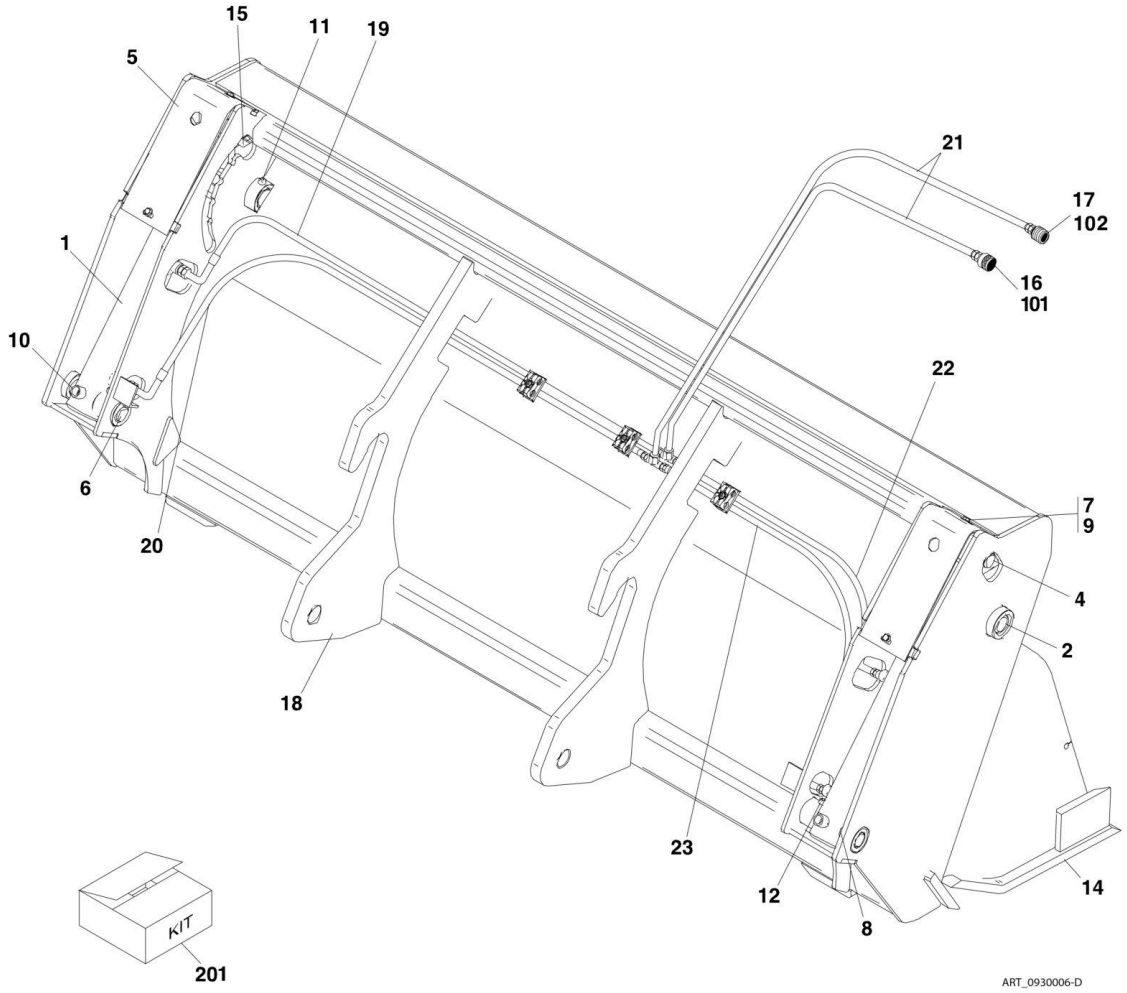
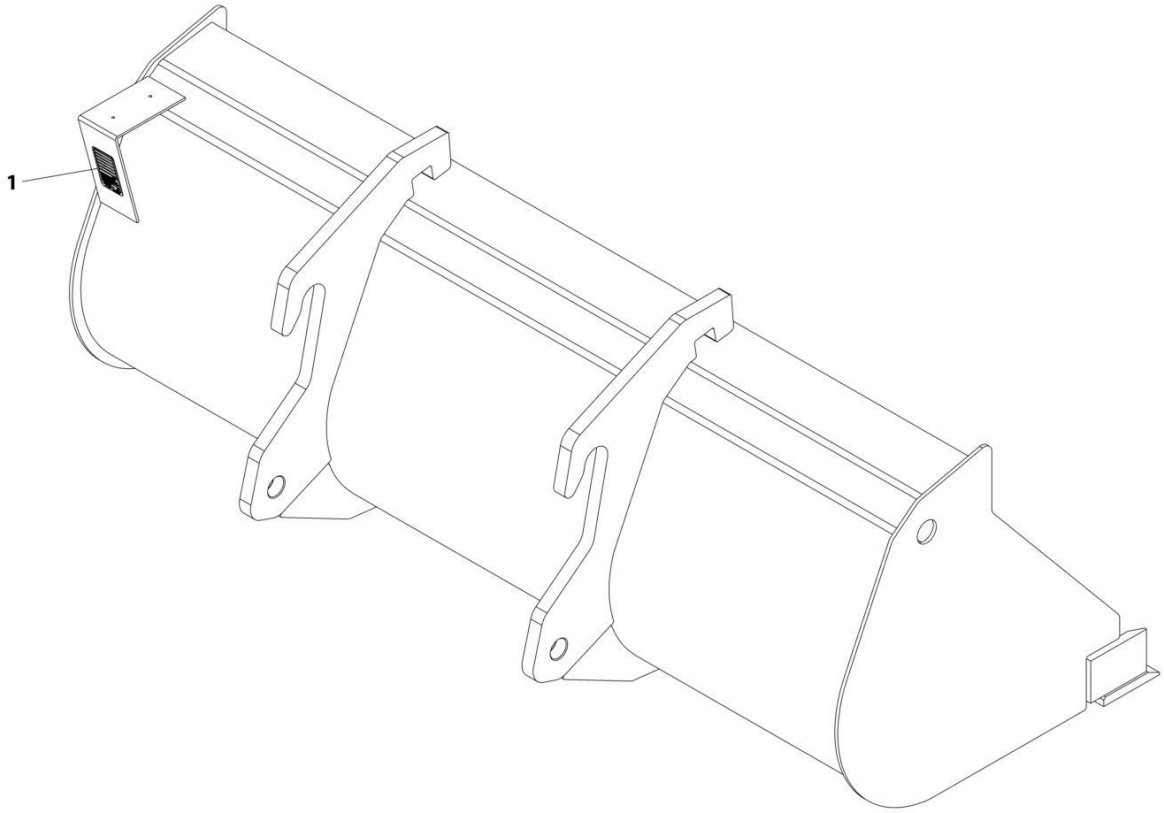


FIGURE 3-25. 4 IN 1 BUCKET 0.6 M³

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930006	1	4 in 1 Bucket 0.6 M³	D
1	7028990	2	Cylinder	
1	7028910	1	Kit, Seal, Cylinder	
2	7028911	2	Pin	
3	7028912	6	Nut, (not shown)	
4	7028913	2	Pin	
5	7028914	2	Plate, Protective	
6	7028915	2	Pin	
7	7028916	4	Bolt	
8	7028131	6	Bushing	
9	7028917	4	Washer	
10	7028918	6	Nipple, Grease	
11	7028920	2	Screw	
12	7028919	4	Screw	
14	N.S.S.	1	Weldment	
15	7028923	1	Gauge	
16	1001094555	1	Adapter, Female Quick Disconnect	
17	1001094556	1	Adapter, Male Quick Disconnect	
18	N.S.S.	1	Weldment	
19	7028982	1	Hose	
20	7028983	1	Hose	
21	7028984	2	Hose	
22	7028985	1	Hose	
23	7028991	1	Hose	
101	1001093826	1	Cap, Dust	
102	1001093827	1	Plug, Dust	
201	1001097287	1	Kit, Quick Disconnect Adapter (includes items 16, 17, 101 & 102)	

FIGURE 3-26. DIG BUCKET 1.0 M³ (CE AND AUS)



ART_1001214110-C

FIGURE 3-26. DIG BUCKET 1.0 M³ (CE AND AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214110	1	Dig Bucket 1.0 m³ (CE and AUS)	C
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-27. MANURE GRAPPLE BUCKET (CE & AUS)

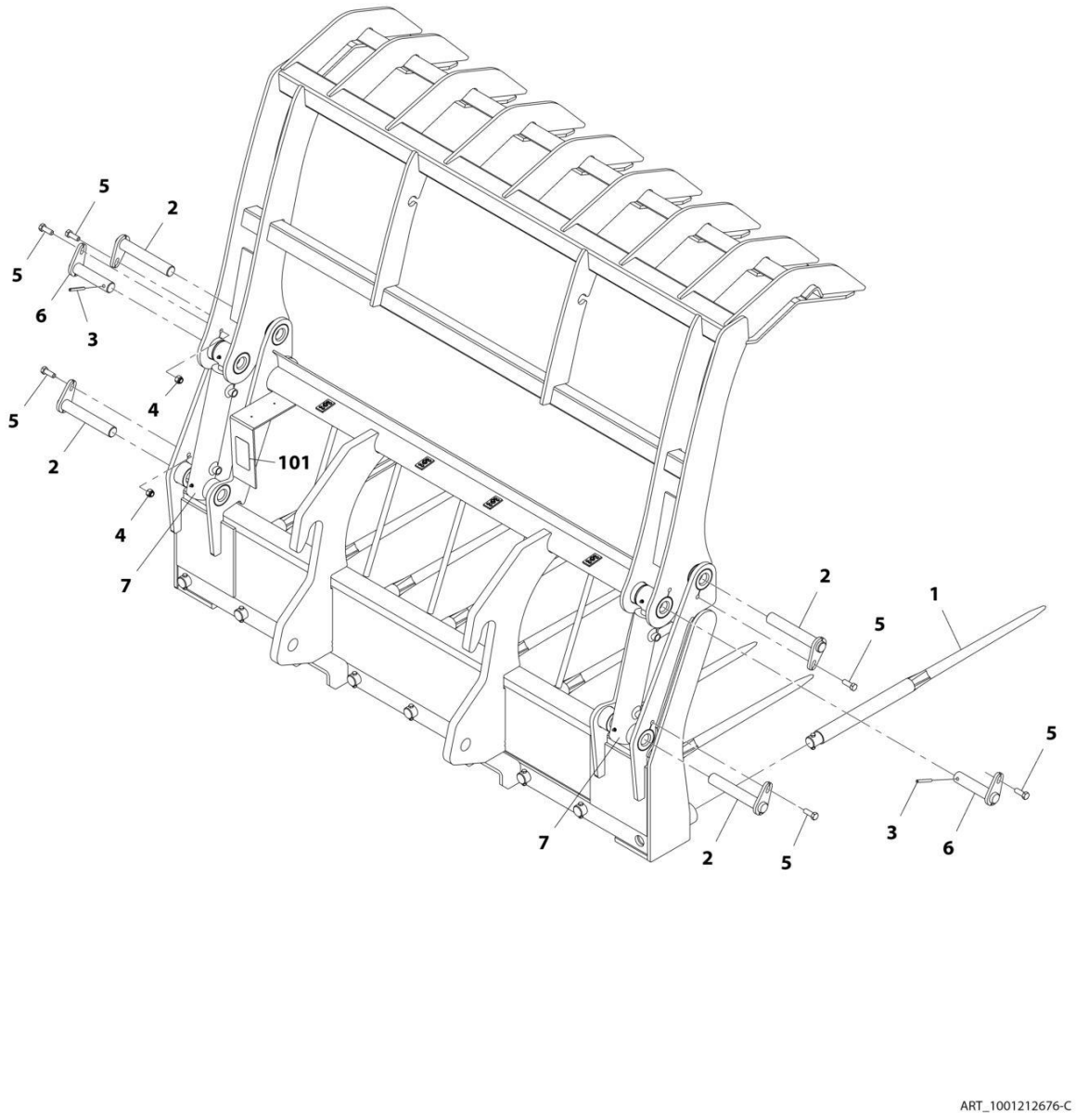


FIGURE 3-27. MANURE GRAPPLE BUCKET (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212676	1	Manure Grapple Bucket (CE & AUS)	C
1	70027302	9	Electro-Forged Fingers, Right	
2	70027294	4	Pin	
3	70027298	2	Pin, Roll	
4	70027296	6	Nut	
5	70027297	6	Screw	
6	70027293	2	Pin	
7	7028127	2	Cylinder	
101	N.S.S.	AR	SN Plate	

FIGURE 3-28. MULTI-PURPOSE GRAPPLE BUCKET (1850MM) (ANSI - JLG)

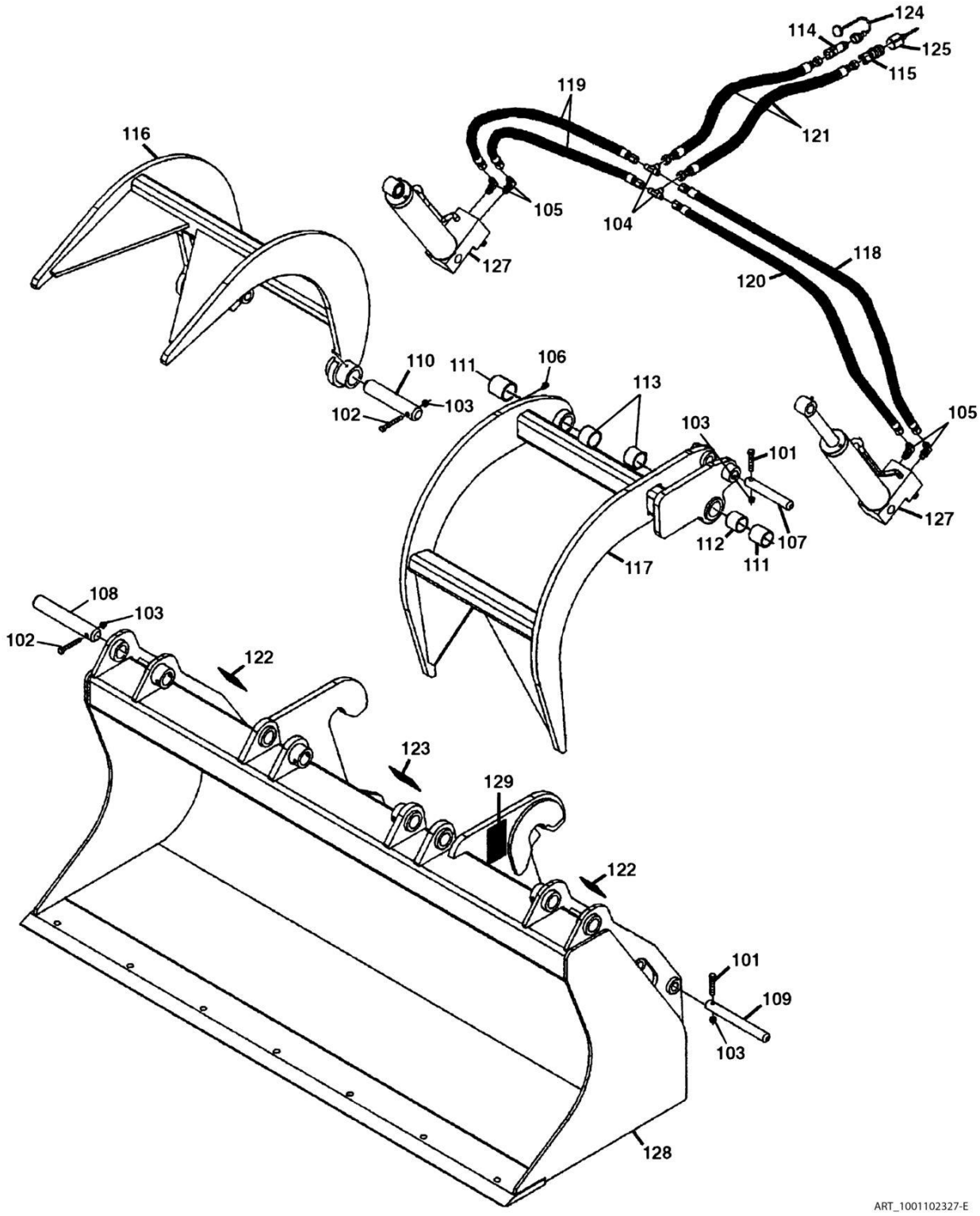


FIGURE 3-28. MULTI-PURPOSE GRAPPLE BUCKET (1850MM) (ANSI - JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102327	1	Multi-Purpose Grapple Bucket (1850mm) (ANSI - JLG)	G
101	70021399	4	Screw	
102	70021366	4	Screw	
103	70021367	8	Nut	
104	70020562	2	Fitting, Tee	
105	90554065	4	Fitting, 90	
106	7029714	4	Fitting, Grease	
107	70021364	2	Pin	
108	70021361	2	Pin	
109	70021365	2	Pin	
110	70021362	2	Pin	
111	70021360	4	Bushing	
112	70021359	2	Spacer	
113	70021358	4	Bushing	
114	7029692	1	Fitting, Straight	
115	70021342	1	Fitting, Straight	
116	70021356	1	Grapple Hook, RH	
117	70021357	1	Grapple Hook, LH	
118	70020560	1	Hose	
119	70021368	2	Hose	
120	70021370	1	Hose	
121	70021369	2	Hose	
122	90554017	2	Decal, Pinch Point	
123	7029711	1	Decal, High Pressure	
124	90554062	1	Cap, Dust	
125	90554076	1	Plug, Dust	
126	70021387	4	Clamp (not shown)	
127	70021363	2	Cylinder, Multi-Purpose Grapple Bucket (1850mm) (See Separate Breakdown in Hydraulic Components Section	
128	N.S.S.	1	Bucket, Grapple	
129	N.S.S.	1	Plate, Serial Number	

FIGURE 3-29. MULTI-PURPOSE GRAPPLE (WIDE GRIP - 1850MM) (CE & AUS)

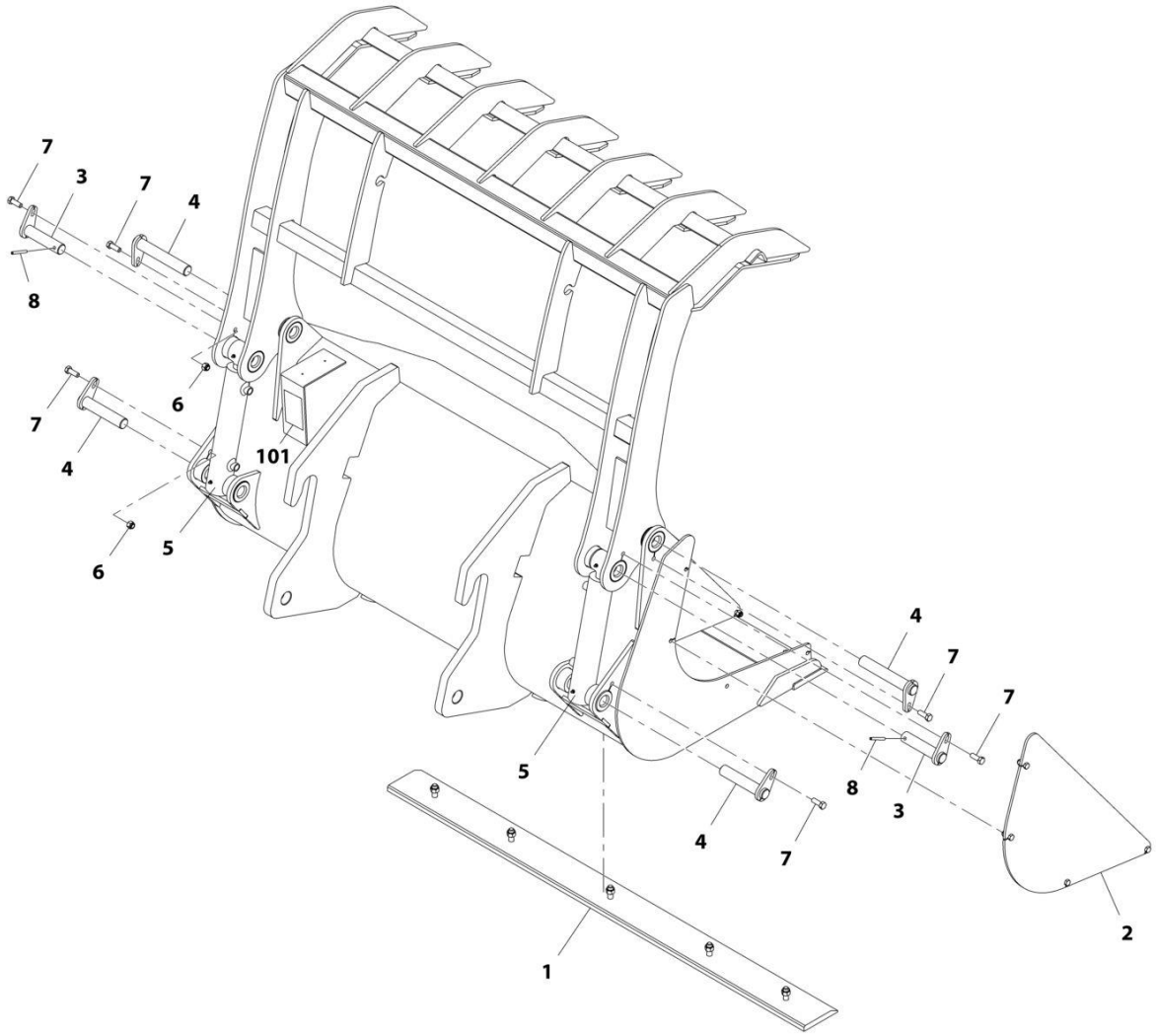


FIGURE 3-29. MULTI-PURPOSE GRAPPLE (WIDE GRIP - 1850MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212733	1	Multi-Purpose Grapple Bucket (Wide Grip - 1850mm) (CE & AUS)	C
1	70027301	1	Assembly, Blade	
2	70027290	1	Kit, Side Plate	
3	70027293	2	Pin	
4	70027294	4	Pin	
5	7028127	2	Cylinder	
6	70027296	6	Nut	
7	70027297	6	Screw	
8	70027298	2	Pin	
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-30. MULTI-PURPOSE GRAPPLE BUCKET (2100MM) (CE & AUS)

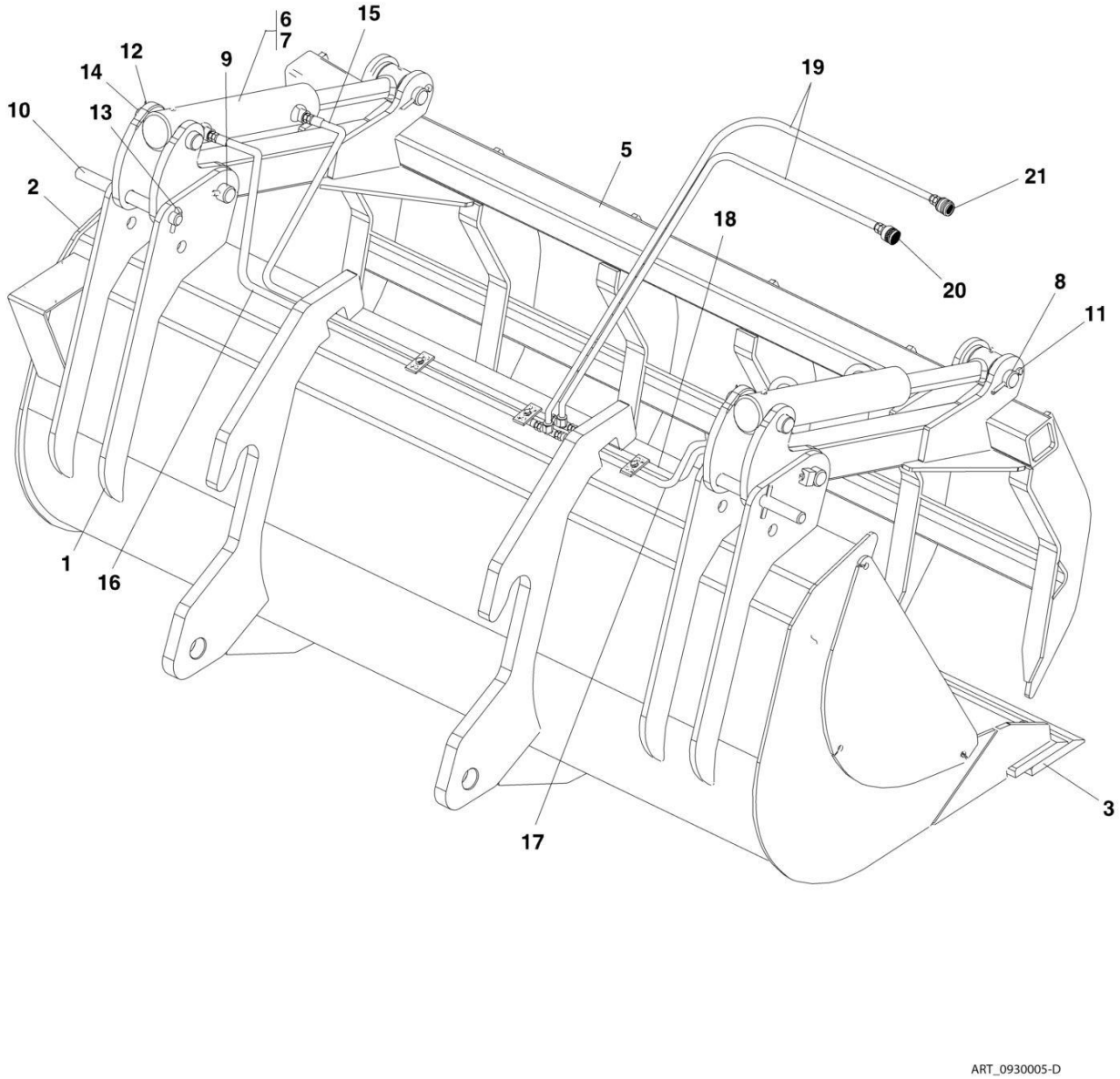


FIGURE 3-30. MULTI-PURPOSE GRAPPLE BUCKET (2100MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930005	1	Multi-Purpose Grapple Bucket (2100MM) (CE & AUS)	D
1	N.S.S.	1	Weldment	
2	7029323	1	Plate, Side	
3	7028132	1	Assembly, Blade (includes blade and the mounting hardware)	
5	7029321	1	Grapple	
6	7028127	2	Cylinder	
7	7028910	2	Kit, Seal	
8	7028131	6	Bushing	
9	7028128	2	Pin	
10	7028129	2	Pin, Locking	
11	7028130	2	Pin	
12	7028135	4	Pin	
13	7028134	8	Pin	
14	7028124	2	Circlip	
15	7028986	1	Hose	
16	7028987	1	Hose	
17	7028988	1	Hose	
18	7028989	1	Hose	
19	7028984	2	Hose	
20	1001094555	1	Adapter, Female Quick Disconnect	
21	1001094556	1	Adapter, Male Quick Disconnect	

FIGURE 3-31. MUCK FORK AND GRAB (CE & AUS)

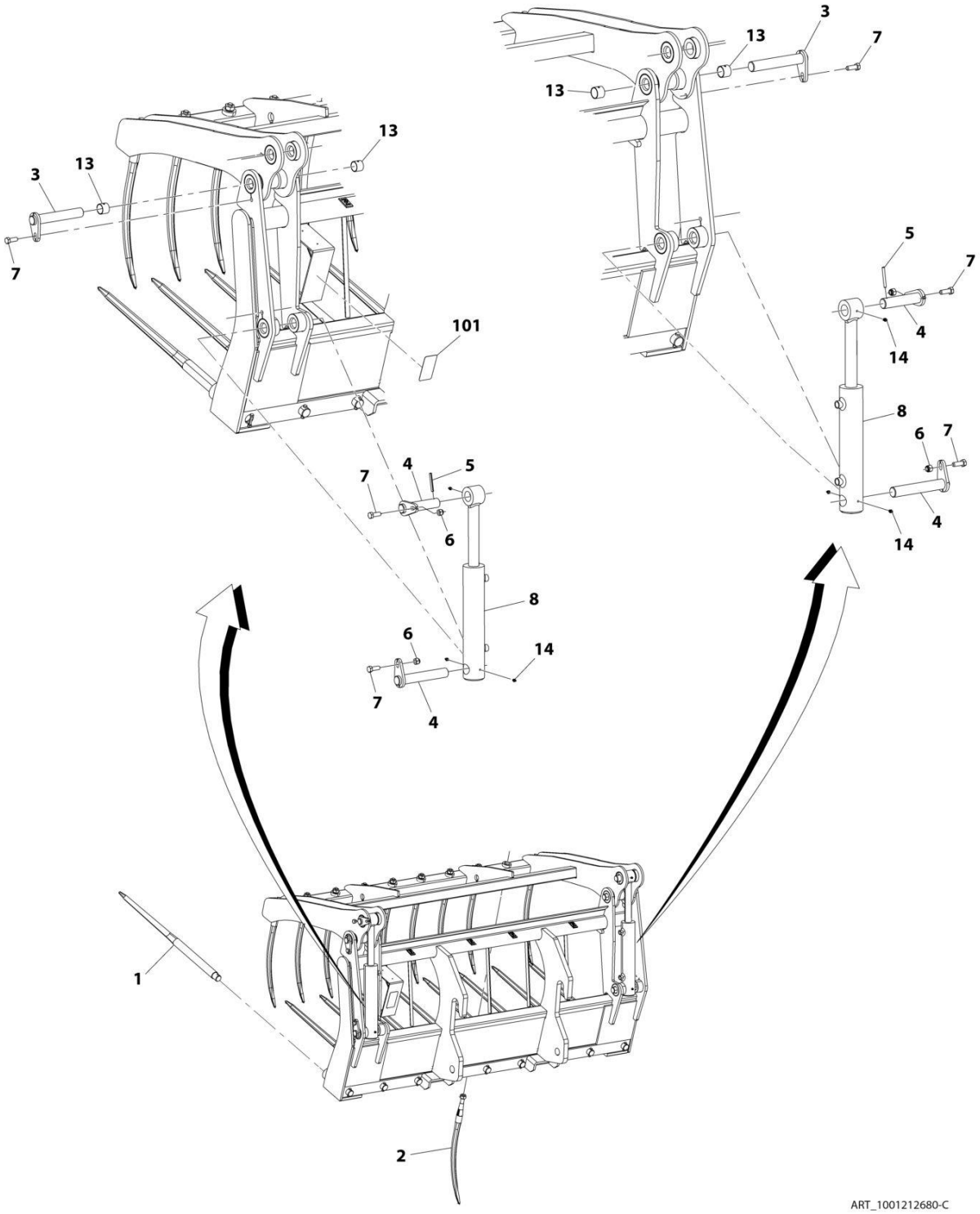


FIGURE 3-31. MUCK FORK AND GRAB (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212680	1	Muck Fork and Grab (CE & AUS)	C
1	70027302	9	Electro-Forged Fingers, Right	
2	70027324	10	Electro-Forged Fingers, Curved	
3	70027293	2	Pin	
4	70027294	4	Pin	
5	70027298	2	Pin, Roll	
6	70027296	6	Nut	
7	70027297	6	Screw	
8	7028127	2	Cylinder, Tilt	
9	70027325	1	Hose (not shown)	
10	7028988	1	Hose (not shown)	
11	70027326	1	Hose (not shown)	
12	7028986	1	Hose (not shown)	
13	7028131	6	Bushing	
14	7028918	6	Nipple, Grease	
101	N.S.S.	1	SN Plate	

FIGURE 3-32. CUTTING EDGE (2100MM BUCKET)

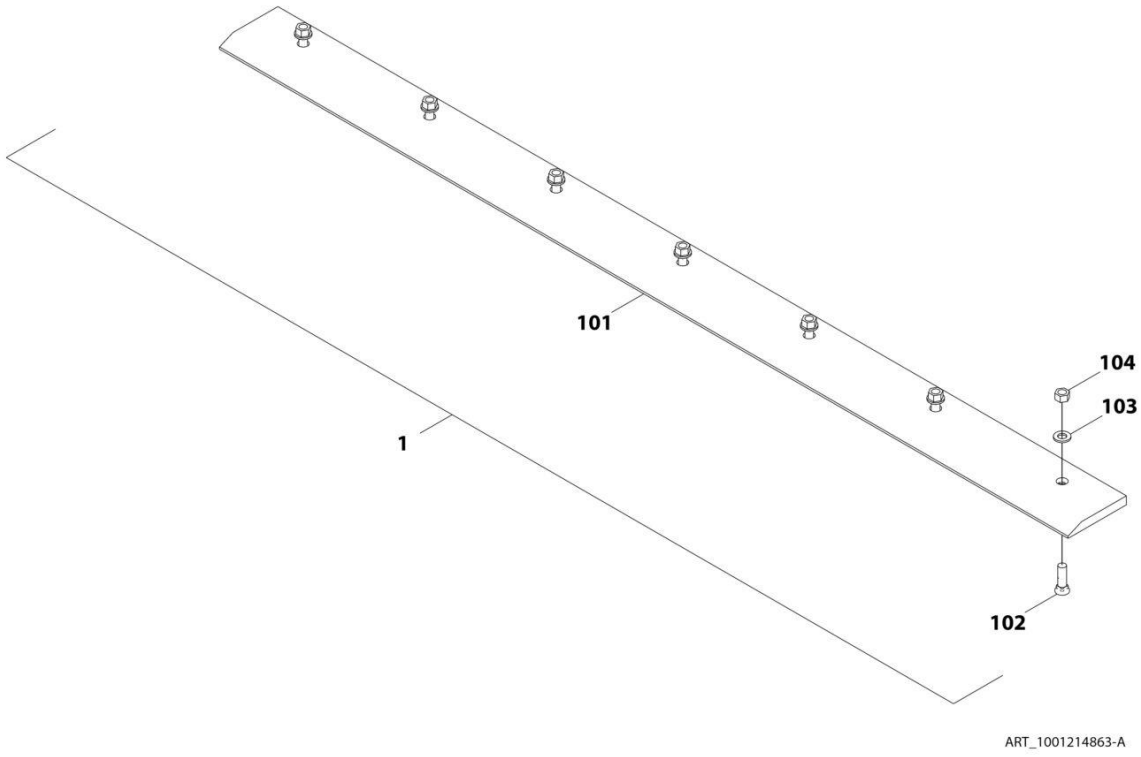


FIGURE 3-32. CUTTING EDGE (2100MM BUCKET)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001214863	1	Cutting Edge (2100mm Bucket)	A
101	N.S.S.	1	Blade	
102	N.S.S.	7	Bolt	
103	N.S.S.	7	Washer	
104	N.S.S.	7	Nut	

FIGURE 3-33. TRUSS BOOM (4 TON - 2.1M)

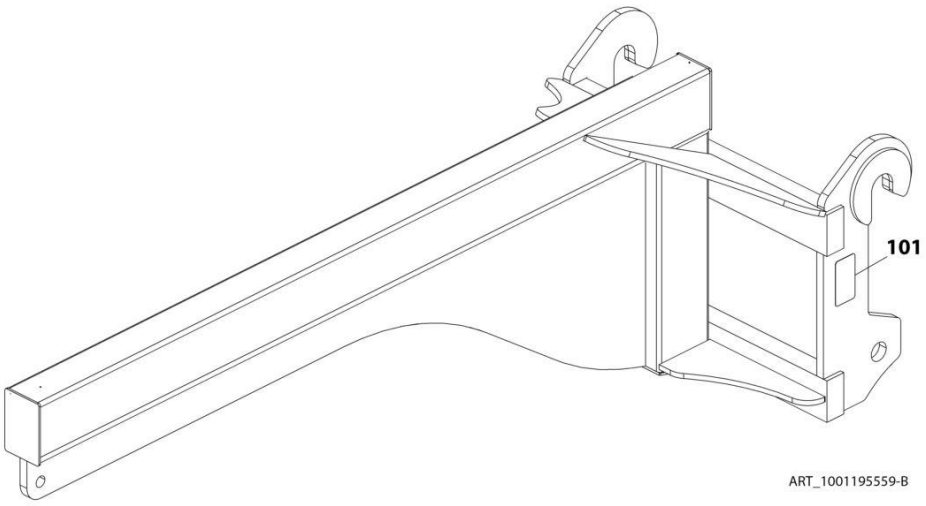


FIGURE 3-33. TRUSS BOOM (4 TON - 2.1M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195559	1	Truss Boom (4 Ton - 2.1M)	B
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-34. TRUSS BOOM (1 TON - 3.4M)

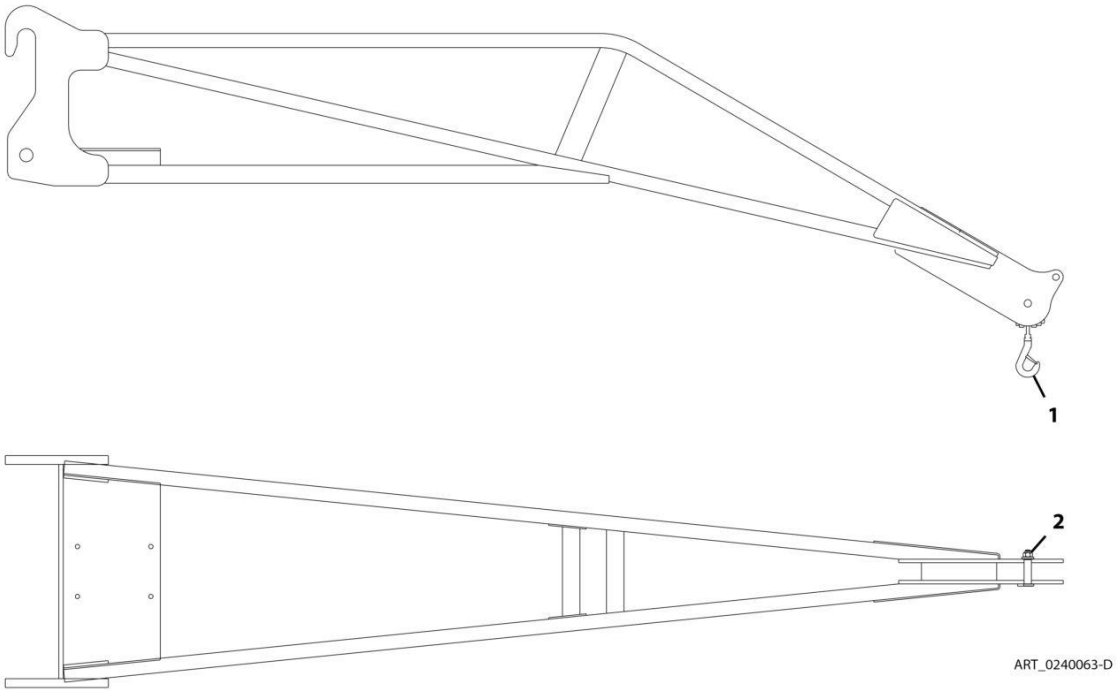


FIGURE 3-34. TRUSS BOOM (1 TON - 3.4M)

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

FIGURE 3-35. TRUSS BOOM (0.9 TON - 3.7M)

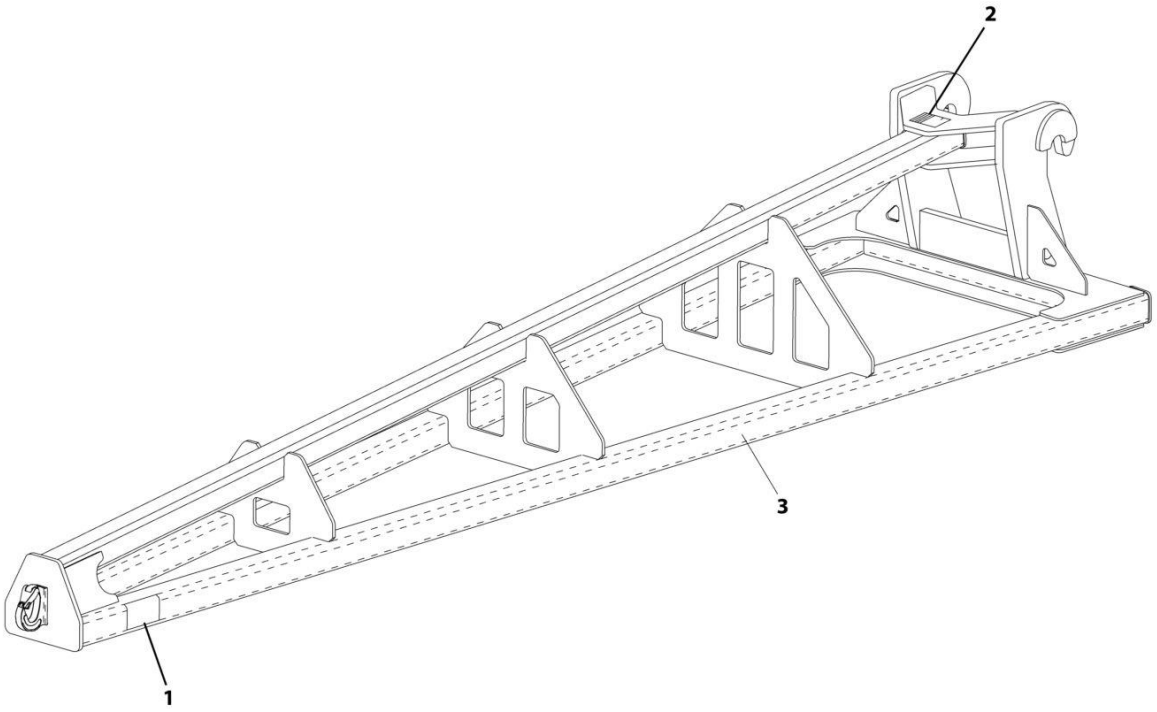


FIGURE 3-35. TRUSS BOOM (0.9 TON - 3.7M)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099902	Ref	TRUSS BOOM (0.9 TON - 3.7M)	E
1	4110422	2	Decal, Danger Swinging Loads	
2	N.S.S.	1	S/N Plate	
3	N.S.S.	1	Boom, Truss	

FIGURE 3-36. TRUSS BOOM (1.8 TON - 1M FT WITH WINCH)

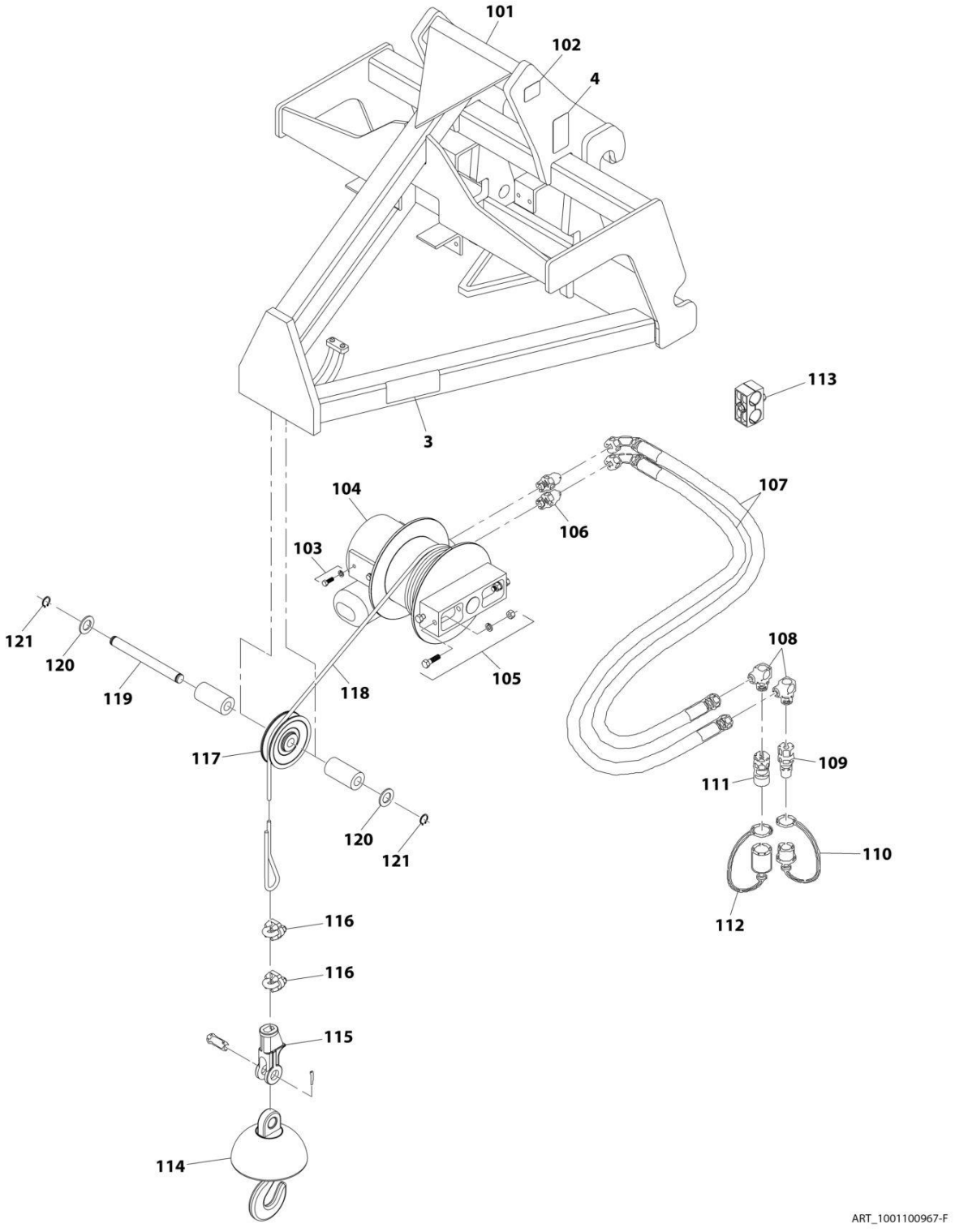


FIGURE 3-36. TRUSS BOOM (1.8 TON - 1M FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100967	Ref	TRUSS BOOM ASSEMBLY (3 FOOT WITH WINCH) (INCLUDES ITEMS 3, 4 & 101 THRU 121)	F
3	4110422	2	Decal, Danger, Swinging Loads	
4	N.S.S.	1	Plate, Serial Number	
101	N.S.S.	1	Truss Boom Frame	
102	90554016	1	Decal	
103	70021349	4	Bolt	
103	90554042	4	Washer	
104	70021921	1	Winch, Truss Boom	
105	70024059	4	Bolt	
105	90554054	4	Nut	
105	90554020	4	Washer	
106	70021415	2	Fitting	
107	70021977	2	Hose 32in (Boom Front Disconnect)	
107	70031445	2	Hose 48in (Boom Side Disconnect)	
108	70022527	2	Fitting, 90	
109	91403414	1	Fitting, Straight	
110	8420053	1	Cap	
111	91403413	1	Fitting, Straight	
112	8420055	1	Plug	
113	70021387	1	Clamp	
114	70021978	1	Ball Swivel Safety Hook	
115	70021979	1	Assembly, Socket	
116	70022528	2	Clamp	
117	70021935	1	Pulley	
118	70022028	1	Cable	
119	70022529	1	Pin	
120	70027009	2	Washer	
121	70026698	2	Ring, Snap	

FIGURE 3-37. TRUSS BOOM (3 FT WITH WINCH)

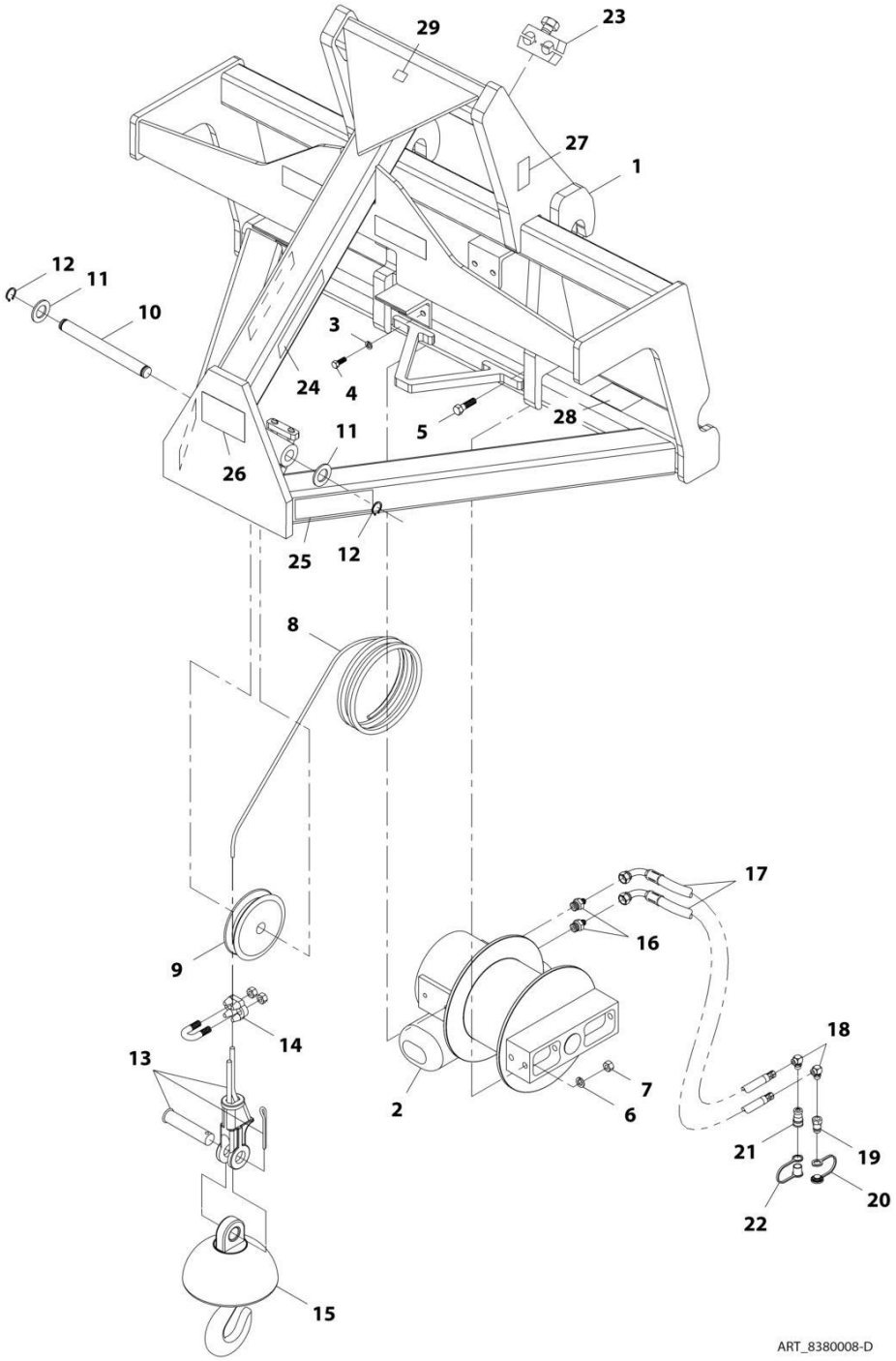


FIGURE 3-37. TRUSS BOOM (3 FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8380008	1	Truss Boom (3 Foot with Winch) (no longer available, use 1001100967 for replacement)	D
1	N.S.S.	1	Weldment	
2	70021921	1	Winch	
3	90554042	4	Washer, Lock 3/8	
4	70021349	4	Bolt, 3/8X1	
5	70024059	2	Bolt, 1/2X1-3/4	
6	90554020	2	Washer, Lock 1/2	
7	90554054	2	Nut, 1/2	
8	70022028	1	Cable	
9	70021935	1	Pulley	
10	70022529	1	Pin	
11	70024060	2	Washer	
12	70024061	2	Ring, Snap	
13	70021979	1	Assembly, Socket (includes pin and cotter pin)	
14	70022528	1	Clamp	
15	70021978	1	Hook	
16	2220371	2	Connector	
17	70021977	2	Hose	
18	2220628	2	Fitting, 90 JIC	
19	91403413	1	Coupler, Quick Disconnect	
20	8420055	1	Plug, Dust	
21	91403414	1	Coupler, Quick Disconnect	
22	8420053	1	Plug, Dust	
23	70021387	1	Clamp	
24	70024062	2	Decal, Capacity	
25	70024063	4	Decal, Rotating Part	
26	70024064	1	Decal, Do Not Tow	
27	N.S.S.	1	Plate, Serial Number	
28	90554018	1	Decal, High Pressure Warning	
29	90554016	1	Decal, Made In USA	

FIGURE 3-38. TRUSS BOOM (0.9 TON - 3.7M WITH WINCH)

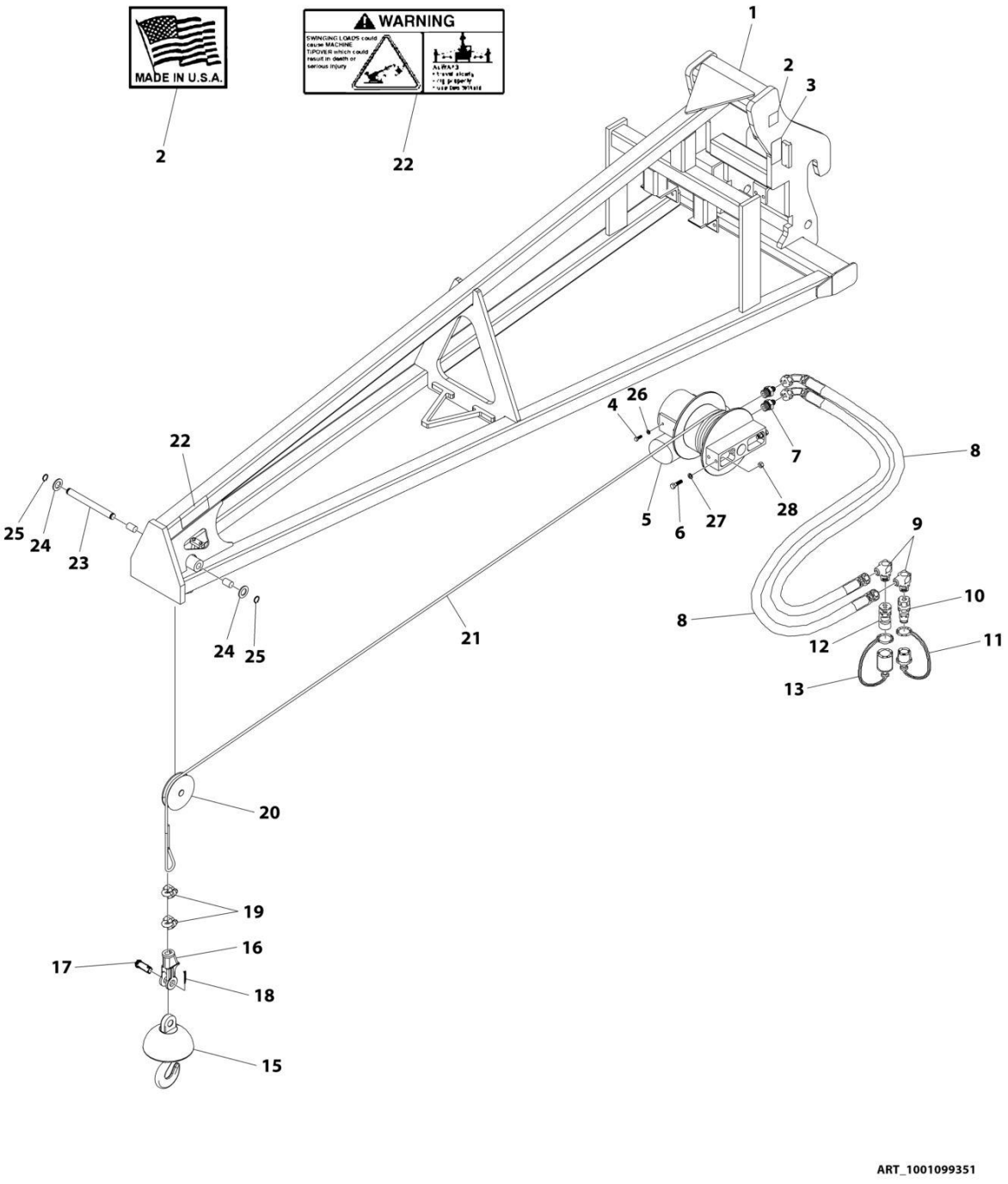


FIGURE 3-38. TRUSS BOOM (0.9 TON - 3.7M WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099351	Ref	TRUSS BOOM (0.9 TON - 3.7M WITH WINCH)	L
1	See Note	NSS	Frame, Truss Boom (Note: Purchase Complete Assembly)	
2	90554016	1	Decal, Made in USA	
	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
4	70021349	4	Bolt 3/8 x 1	
5	70021921	1	Motor, Truss Boom Winch	
6	70024059	2	Bolt 1/2 x 1-3/4	
7	70021415	2	Connector	
8	70021977	2	Hose 32in (Boom Front Disconnect)	
8	70031445	2	Hose 48in (Boom Side Disconnect)	
9	70022527	2	Fitting, 90	
10	7029692	1	Fitting, Straight	
11	90554062	1	Cap, Dust	
12	70021342	1	Fitting, Straight	
13	90554076	1	Cap, Dust	
15	70021978	1	Ball Swivel with Safety Hook	
16	70021979	1	Assembly, Socket (includes items 17 thru 18)	
17	See Note	NSS	Pin (Note: Use Item 16)	
18	See Note	NSS	Pin, Cotter (Note: Use Item 16)	
19	70022528	2	Clamp	
20	70021935	1	Pulley	
21	70022028	1	Cable	
22	4110422	2	Decal, Warning Swinging Loads	
23	70022529	1	Pin	
24	70024060	2	Washer	
25	70026698	2	Ring, Snap	
26	90554042	4	Washer 3/8	
27	90554020	2	Washer 1/2	
28	90554054	2	Nut 1/2	

FIGURE 3-39. TRUSS BOOM (1.8 TON - 3 FT WITH WINCH)

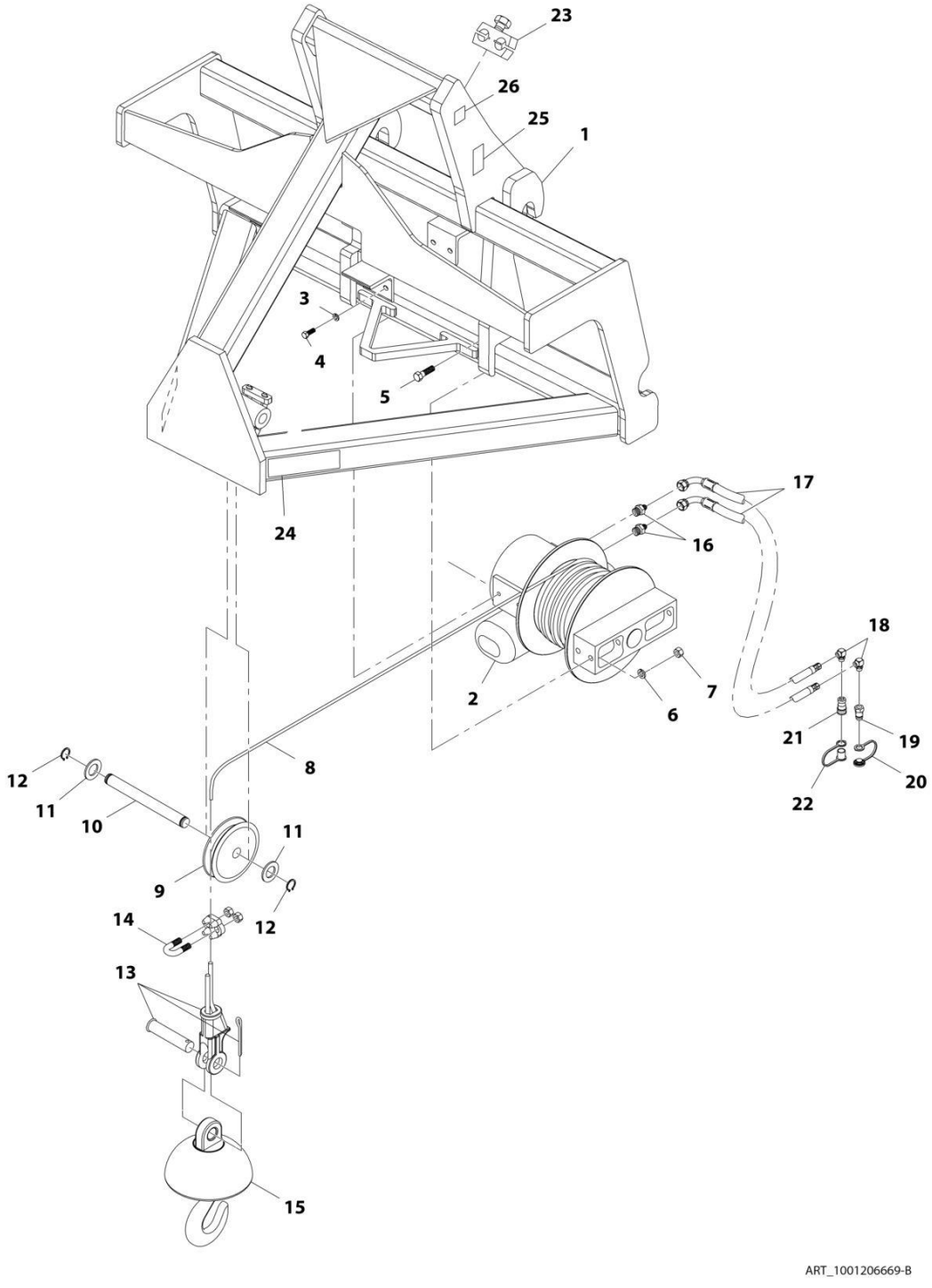


FIGURE 3-39. TRUSS BOOM (1.8 TON - 3 FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206669	1	Truss Boom (1.8 Ton - 3 FT with Winch)	E
1	N.S.S.	1	Weldment, Truss Boom Frame	
2	70021921	1	Winch	
3	90554042	4	Washer	
4	70021349	4	Bolt	
5	70024059	2	Bolt	
6	90554020	2	Washer	
7	90554054	2	Nut	
8	70022028	1	Cable	
9	70021935	1	Pulley	
10	70022529	1	Pin	
11	70027009	2	Washer	
12	70026698	2	Ring, Snap	
13	70021979	1	Assembly, Socket (includes Pin & Cotter Pin)	
14	70022528	1	Clamp	
15	70021978	1	Hook, Ball Swivel	
16	70021415	2	Fitting	
17	70021977	2	Hose	
18	70022527	2	Fitting, 90	
19	7029692	1	Coupler, Male Quick	
20	1001003475	1	Cap, Dust	
21	70021342	1	Coupler, Female Quick	
22	1001003474	1	Plug, Dust	
23	70021387	1	Clamp, Hose	
24	4110422	2	Decal, Swinging Loads Danger	
25	N.S.S.	1	Plate, Serial Number	
26	90554016	1	Decal, Made in USA	

FIGURE 3-40. TRUSS BOOM (0.9 TON - 12 FT WITH WINCH)

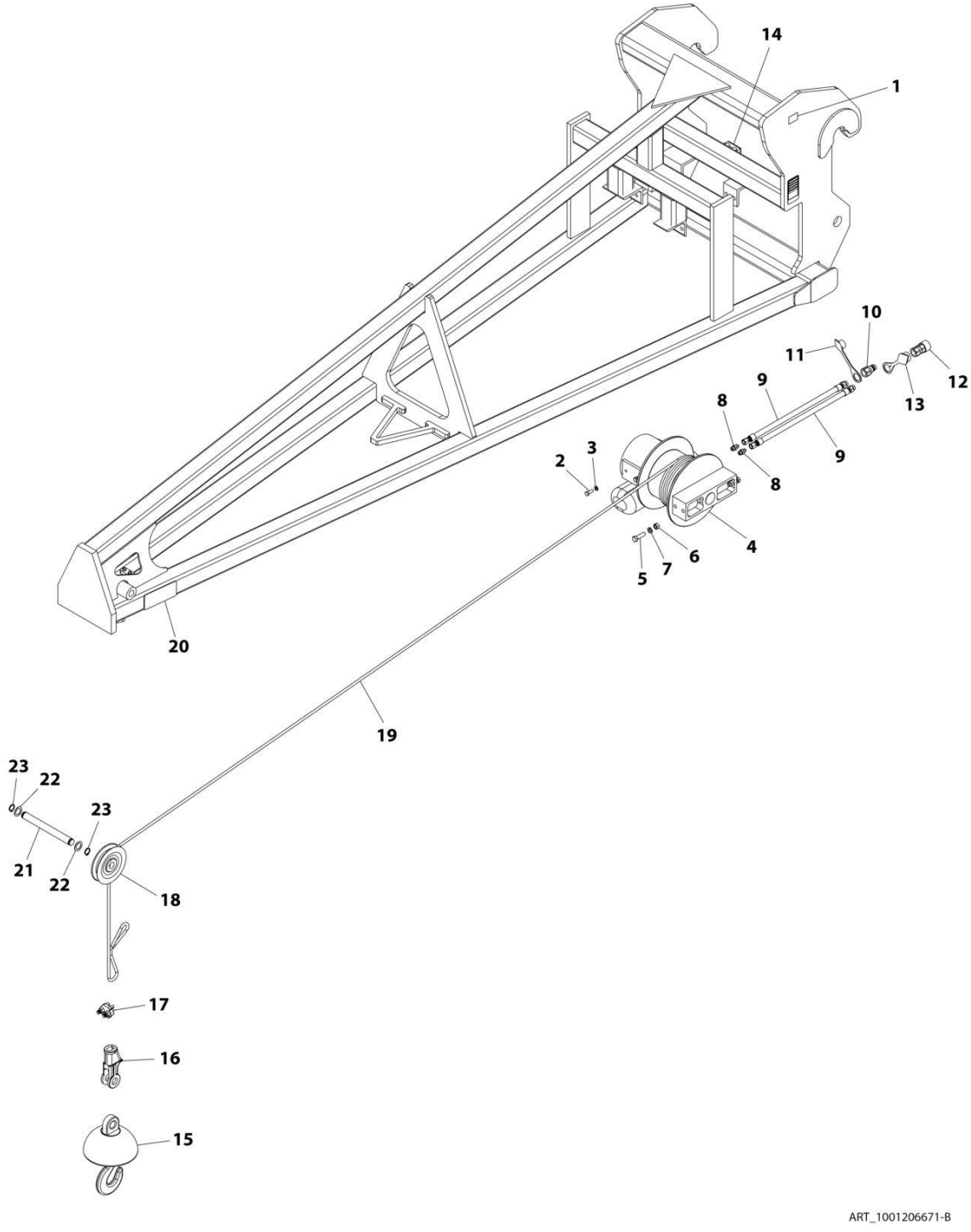


FIGURE 3-40. TRUSS BOOM (0.9 TON - 12 FT WITH WINCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206671	1	Truss Boom	E
1	90554016	1	Decal	
2	70021349	4	Bolt	
3	90554042	4	Washer	
4	70021921	1	Winch, Truss Boom, Assembly	
5	70024059	2	Bolt	
6	90554054	2	Nut	
7	90554020	2	Washer	
8	70021415	2	Fitting	
9	70026702	2	Hose	
10	1001101041	1	Hydraulic Couplier, Male	
11	1001093826	1	Dust Cap, Male	
12	1001101042	1	Hydraulic Couplier, Female	
13	1001093827	1	Plug, Dust, Female	
14	70021387	1	Hose Clamp	
15	70021978	1	Ball Swivel Safety Hook	
16	70021979	1	Wedge Socket Assembly	
17	70022528	1	Clamp, Cable	
18	70021935	1	Sheave, Grooved Pulley	
19	70022028	1	Cable	
20	70027790	2	Decal	
21	70022529	1	Pin	
22	70027009	2	Washer	
23	70026698	2	Ring, Snap	

FIGURE 3-41. CRANE HOOK (CE AND AUS)

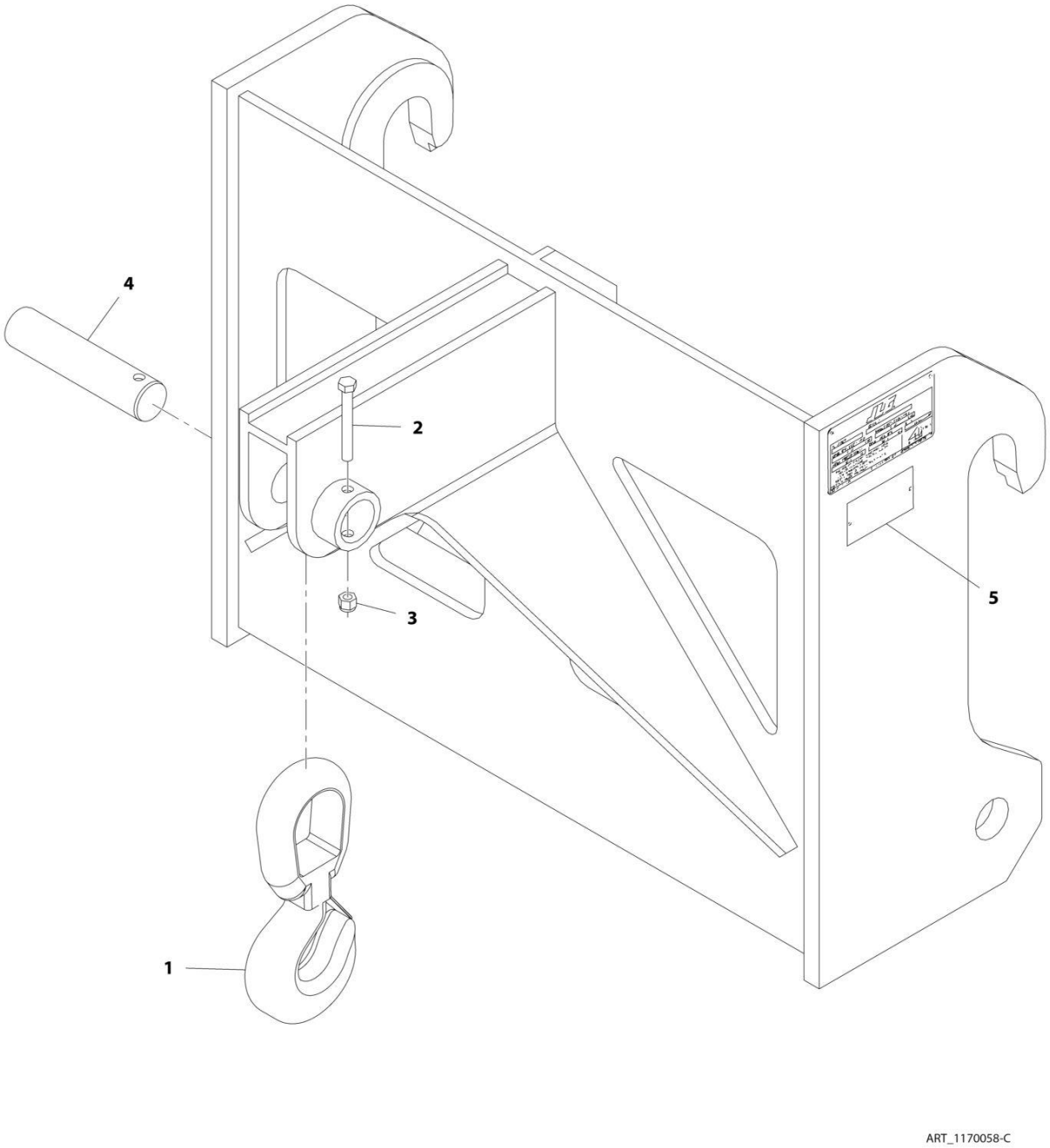


FIGURE 3-41. CRANE HOOK (CE AND AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170058	1	Crane Hook	C
1	70020417	1	Hook	
2	70020205	1	Bolt	
3	70020206	1	Nut, Locking	
4	70020201	1	Pin	
5	N.S.S.	1	Plate, Serial Number	

FIGURE 3-42. CRANE HOOK

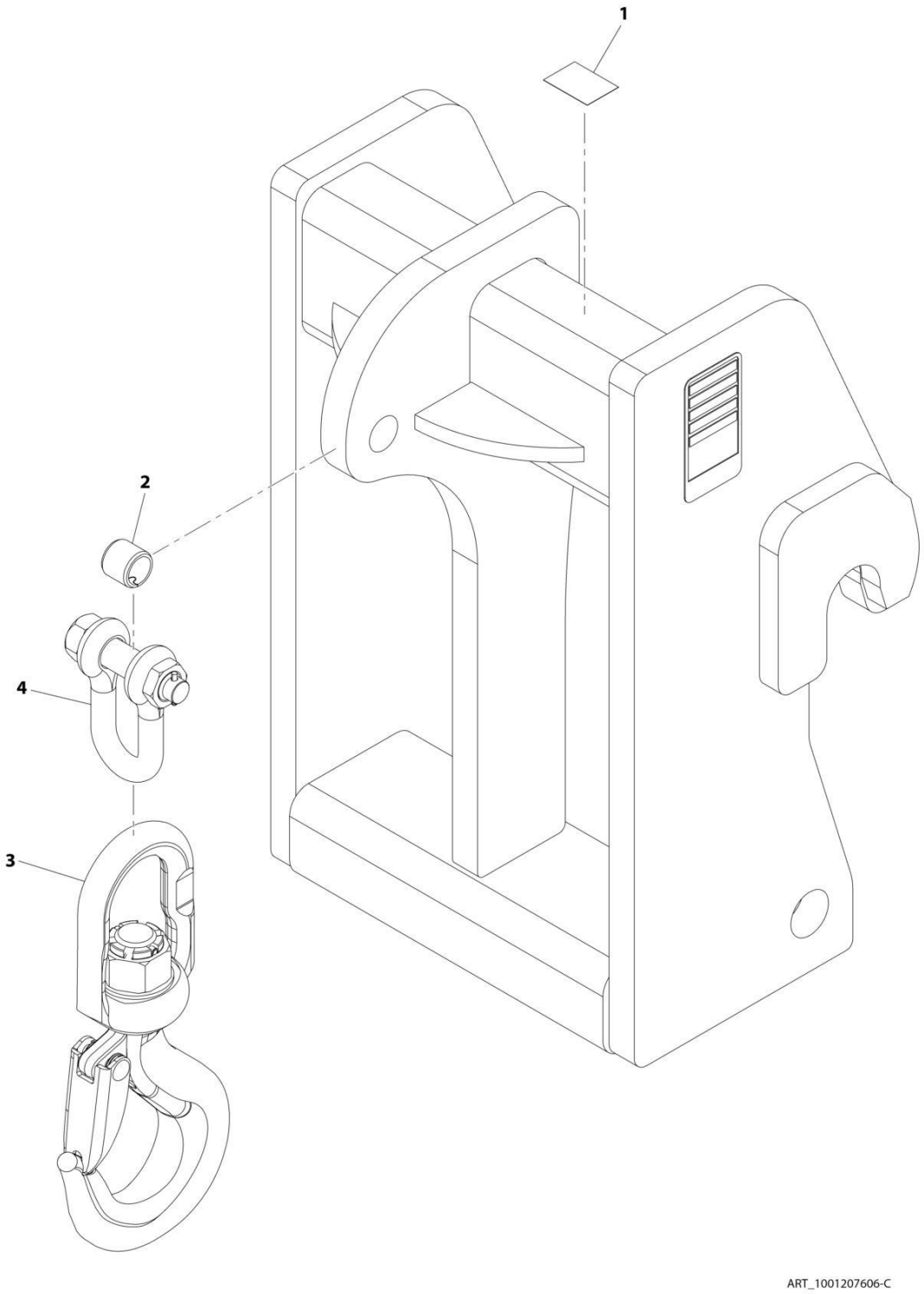


FIGURE 3-42. CRANE HOOK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207606	Ref	COUPLER MOUNTED HOOK	C
1	90554016	1	Decal	
2	70020555	1	Bushing	
3	70026745	1	Hook Swivel	
4	70026746	1	Shackle Chain	

FIGURE 3-43. FORK MOUNTED HOOK (4 TON)

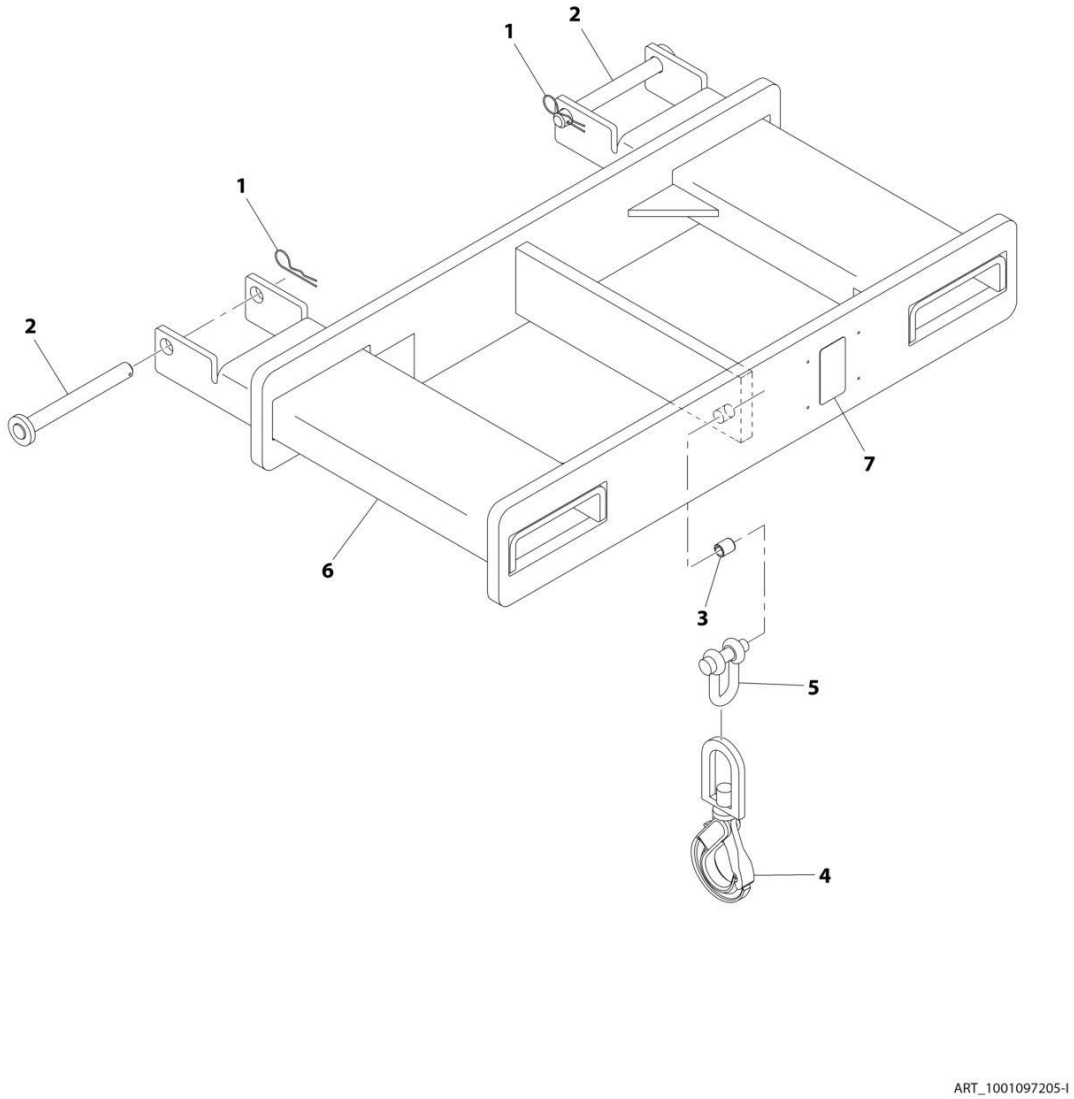


FIGURE 3-43. FORK MOUNTED HOOK (4 TON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001097205	Ref	Fork Mounted Hook (4 Ton)	J
1	7029520	2	Pin, Cotter	
2	1001093171	2	Pin	
3	70020555	1	Bushing	
4	90554080	1	Hook	
5	7029521	1	Shackle	
6	See Note	NSS	Frame, Hook (Note: Purchase Complete Assembly)	
7	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	

FIGURE 3-44. FORK MOUNTED BASKET

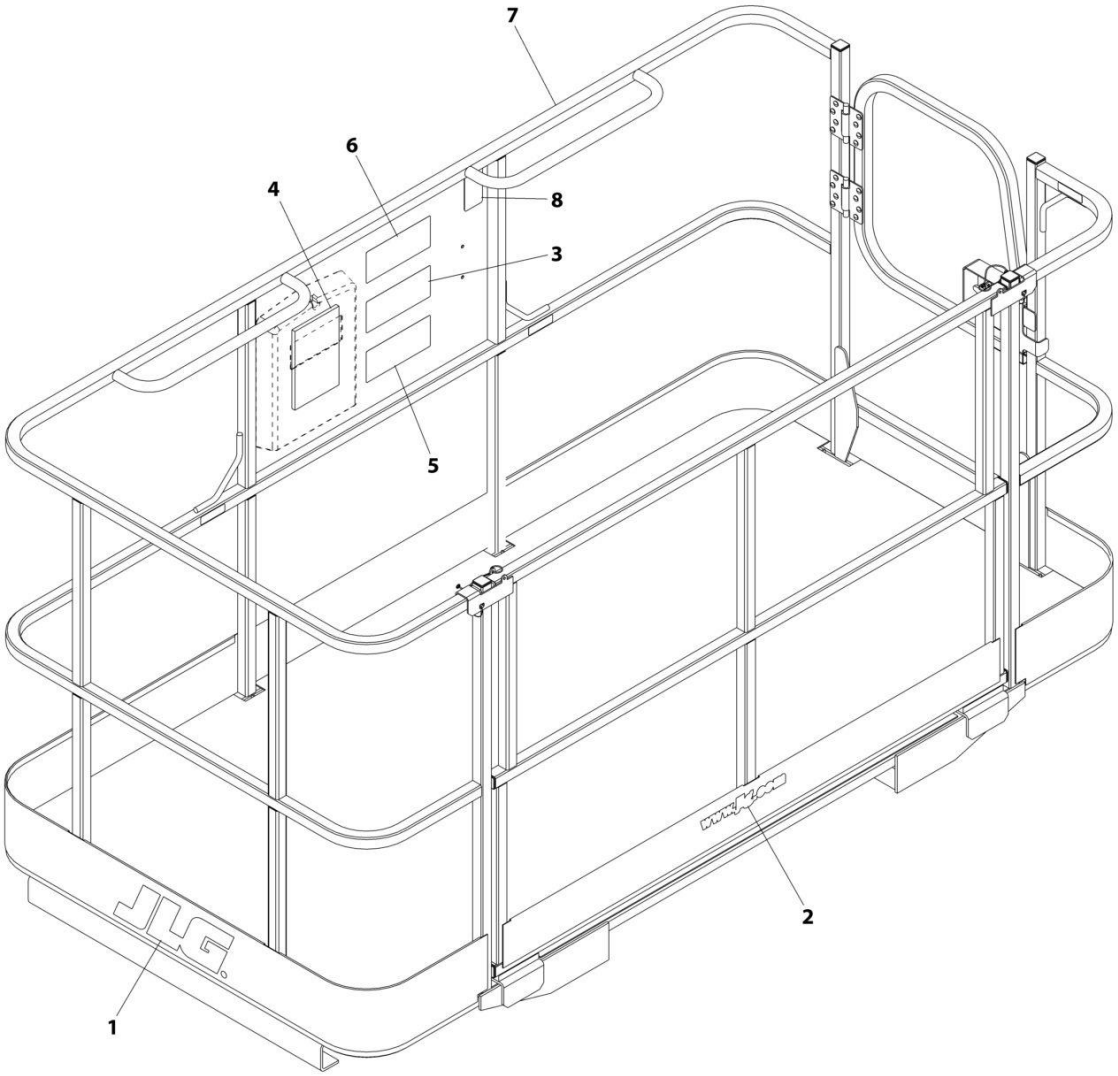


FIGURE 3-44. FORK MOUNTED BASKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103637	Ref	Fork Mounted Basket (ASME)	G
1	1702773	2	Decal, JLG	
2	1704885	1	Decal, Website	
3	1706892	1	Decal, Platform Warning	
4	31200160	1	Manual, Personnel Work Platform Operation and Safety	
5	1001092481	1	Decal, Warning Attachment	
6	1001092482	1	Decal, Platform Capacity	
7	1001096162	1	Platform, Fork Mounted (See Separate Breakdown in this Section)	
8	N.S.S.	1	S/N Plate	

FIGURE 3-45. FORK MOUNTED PLATFORM

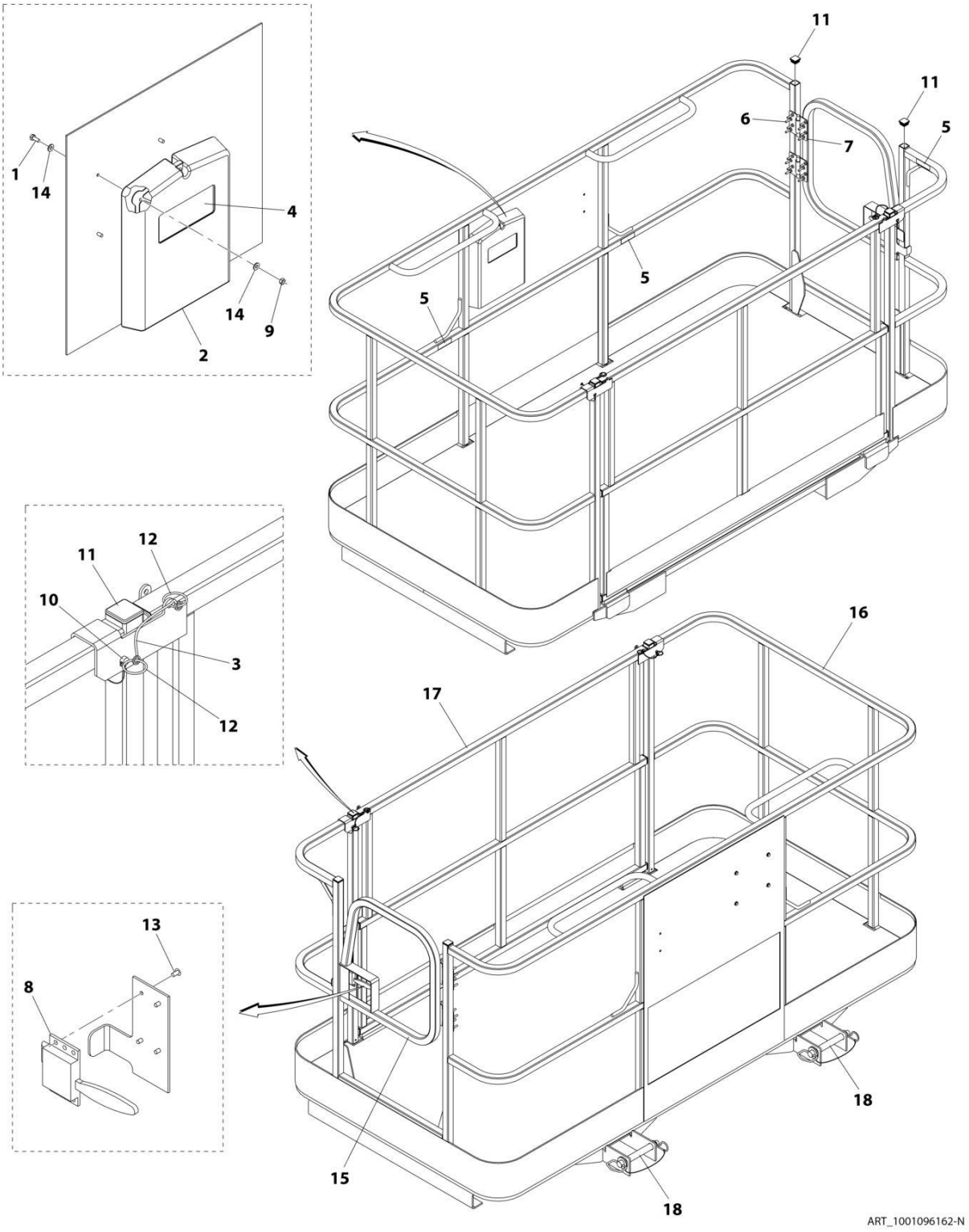


FIGURE 3-45. FORK MOUNTED PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096162	Ref	Fork Mounted Platform (ANSI)	N
1	0641405	4	Bolt, 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060379	2	Cable, Lanyard	
4	1701509	1	Decal, Manual	
5	1704277	3	Decal, Lanyard Attach	
6	2080040	16	Fastener	
7	2600281	2	Hinge	
8	2940074	1	Latch	
9	3311405	4	Nut 1/4	
10	3421453	2	Pin	
11	3520072	10	Plug	
12	3760170	4	Ring	
13	3820020	4	Rivet	
14	4711400	8	Washer, 1/4	
15	1001144629J	1	Gate	
16	N.S.S.	1	Platform, Fork Mounted	
17	1001095810	1	Gate	
18	1001102813	2	Pin, Hitch	

FIGURE 3-46. FORK MOUNTED TRASH HOPPER

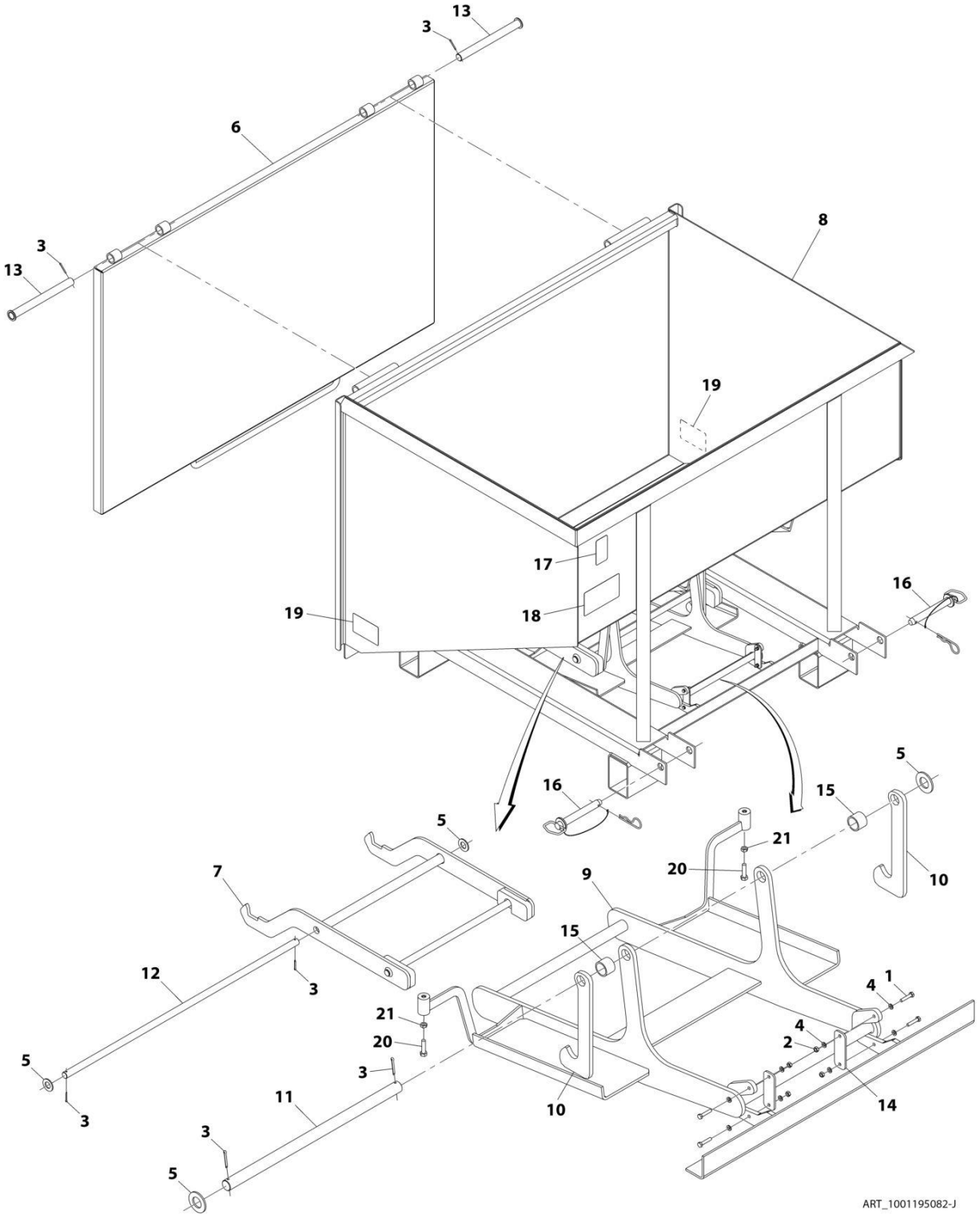


FIGURE 3-46. FORK MOUNTED TRASH HOPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195082	Ref	Fork Mounted Trash Hopper	J
1	0700614	4	Bolt, M6X30	
2	3290601	4	Nut, M6X1 Grade 8	
3	3391410	6	Pin	
4	4811700	8	Washer, M6	
5	5242400	4	Washer, M24	
6	1001192711	1	Door Assembly	
7	1001192720	1	Hook Assembly	
8	N.S.S.	1	Weldment, Trash Hopper	
9	1001192875	1	Tray Assembly	
10	1001192876	2	Arm, Swing	
11	1001192877	1	Rod, Swing	
12	1001193525	1	Bar	
13	1001193540	2	Pin	
14	1001193729	2	Plate	
15	1001198355	2	Spacer	
16	1001102813	2	Pin	
17	N.S.S.	1	S/N Plate	
18	1001203503	1	Decal, Trash Hopper Operation	
19	1706302	2	Decal, Pinch Point	
20	0641510	2	Bolt, 5/16-18 x 1-1/4	
21	3311502	2	Nut, 5/16-18	

FIGURE 3-47. CONCRETE BUCKET

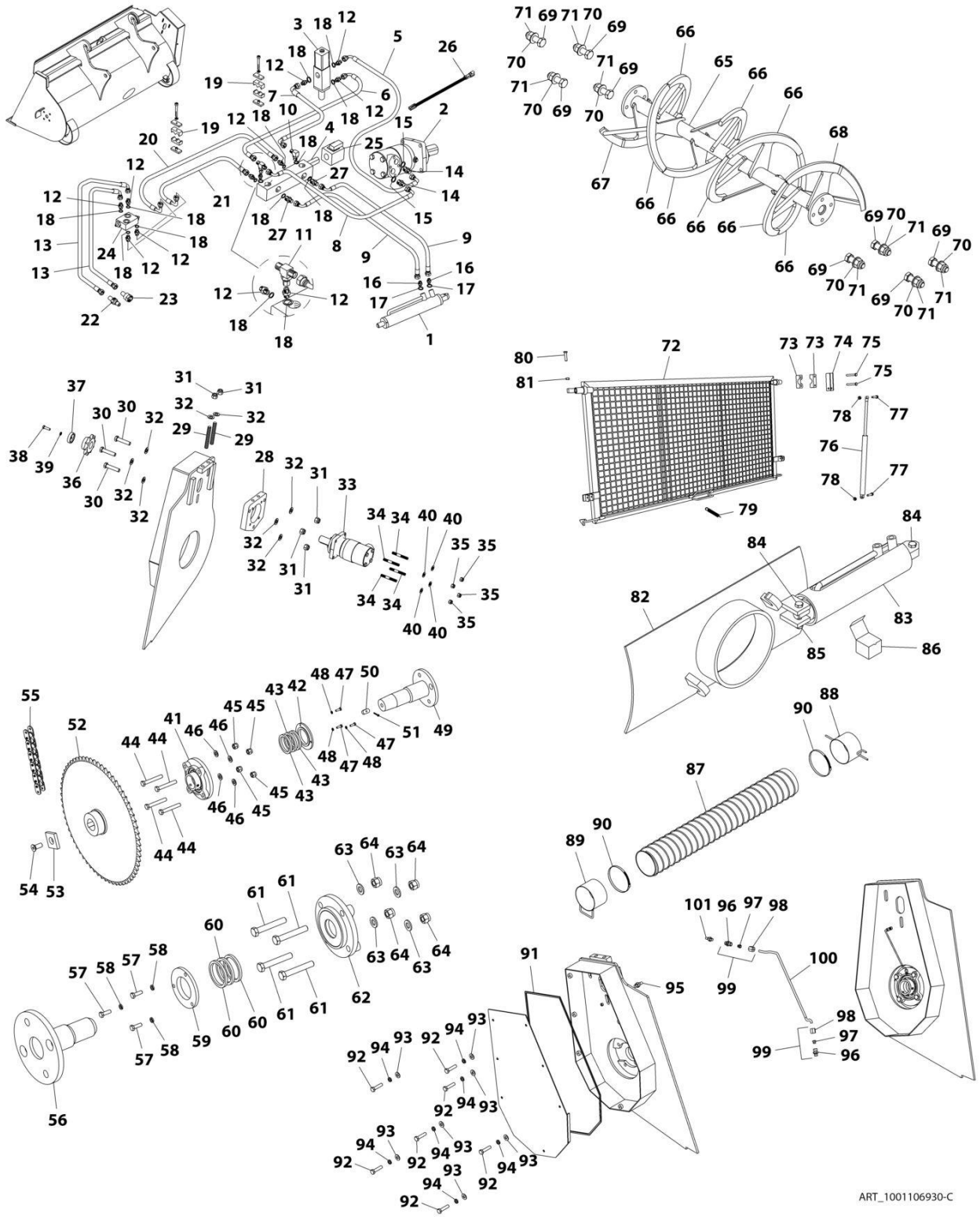


FIGURE 3-47. CONCRETE BUCKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001106930	1	Concrete Bucket	E
1	70024436	1	Cylinder, Concrete Bucket	
2	70024437	1	Engine, Hydraulic	
3	70024438	1	Valve, Flow Divisor	
4	70024439	1	Valve, Solenoid	
5	70024440	1	Pipe	
6	70024441	1	Pipe	
7	70024442	1	Pipe	
8	70024443	1	Pipe	
9	70024444	2	Pipe	
10	70024445	1	Fitting, 90	
11	70024446	1	Fitting, Tee	
12	70024447	10	Fitting, Straight	
13	70024448	2	Pipe	
14	70024449	2	Fitting, Straight	
15	70024450	2	Gasket	
16	1001104958	2	Fitting, Straight	
17	1001103531	2	Gasket	
18	70022927	2	Gasket	
19	70024452	2	Clamp	
20	70024453	1	Pipe	
21	70024454	1	Pipe	
22	1001101041	1	Coupling, Male Quick Disconnect	
23	1001101042	1	Coupling, Female Quick Disconnect	
24	70027990	1	Valve	
25	70024455	1	Coil	
26	70024456	1	Electric Cable	
27	70027991	2	Fitting, Straight	
28	70027992	1	Regulation plate	
29	70027993	2	Stud	
30	70027994	3	Bolt	
31	70027995	5	Nut, Self Locking	
32	70020728	8	Washer	
33	70024437	1	Hydraulic Engine	
34	70027996	4	Stud	
35	70027997	4	Nut, Self Locking	
36	70027998	1	Pinion	
37	70027999	1	Pinion cover	
38	70028000	1	Bolt	
39	70028001	1	Grower	
40	70028002	4	Washer	
41	70028003	1	Support Flange bearing	
42	70028004	1	Cover seal press	
43	70028005	3	Rope Fat	
44	70020724	4	Bolt	
45	70020726	4	Nut, Self Locking	
46	70020725	4	Washer	
47	70028006	3	Bolt	
48	70028007	3	Grower	
49	70028008	1	Pin	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	70028009	1	Tab	
51	70028010	1	Bolt	
52	70028011	1	Koruna Wheels	
53	70028012	1	Fixing Koruna Wheels	
54	70028013	1	Bolt	
55	70028014	1	Track	
56	70028015	1	Pin	
57	70028006	3	Bolt	
58	70028007	3	Grower	
59	70028016	1	Cover seal press	
60	70028017	3	Rope Fat	
61	70028018	4	Bolt	
62	70028019	1	Support flange bearing	
63	70028002	4	Washer	
64	70027997	4	Nut, Self Locking	
65	70028020	1	Helical mixer only carpentry	
66	70028021	8	Central Sector	
67	70028022	1	Left Sector	
68	70028023	1	Right Sector	
69	70028024	8	Bolt	
70	70020728	8	Washer	
71	70027995	8	Nut, Self Locking	
72	70028025	1	Grid only carpentry	
73	70028026	4	Clamp heavy	
74	70028027	2	Pull nitrogen absorber	
75	70028028	4	Bolt	
76	70028029	2	Nitrogen absorber	
77	70028030	4	Bolt	
78	1001103201	4	Nut, Self Locking	
79	70028031	1	Return spring	
80	70028032	1	Bolt	
81	70028033	1	Nut	
82	70028034	1	Sliding door only carpentry	
83	70024436	1	Cylinder	
84	70028035	2	Bolt	
85	1001103201	2	Nut, Self Locking	
86	70028036	1	Gasket Kit	
87	70028037	1	Dump tube	
88	70028038	1	Tube with clevis door blocking	
89	70028039	1	Tube with clevis move	
90	70028040	2	Hose Clamp	
91	70028041	1	Gasket carter	
92	70028042	7	Bolt	
93	70028087	7	Washer	
94	70028007	7	Grower	
95	70021242	1	Greaser	
96	70028043	2	Link	
97	70028044	2	Sleeve	
98	70028046	2	Nut	
99	70028045	2	Link, sleeve, nut	
100	70028047	1	Pipe	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	70021242	1	Greaser	

FIGURE 3-48. SWEEPER

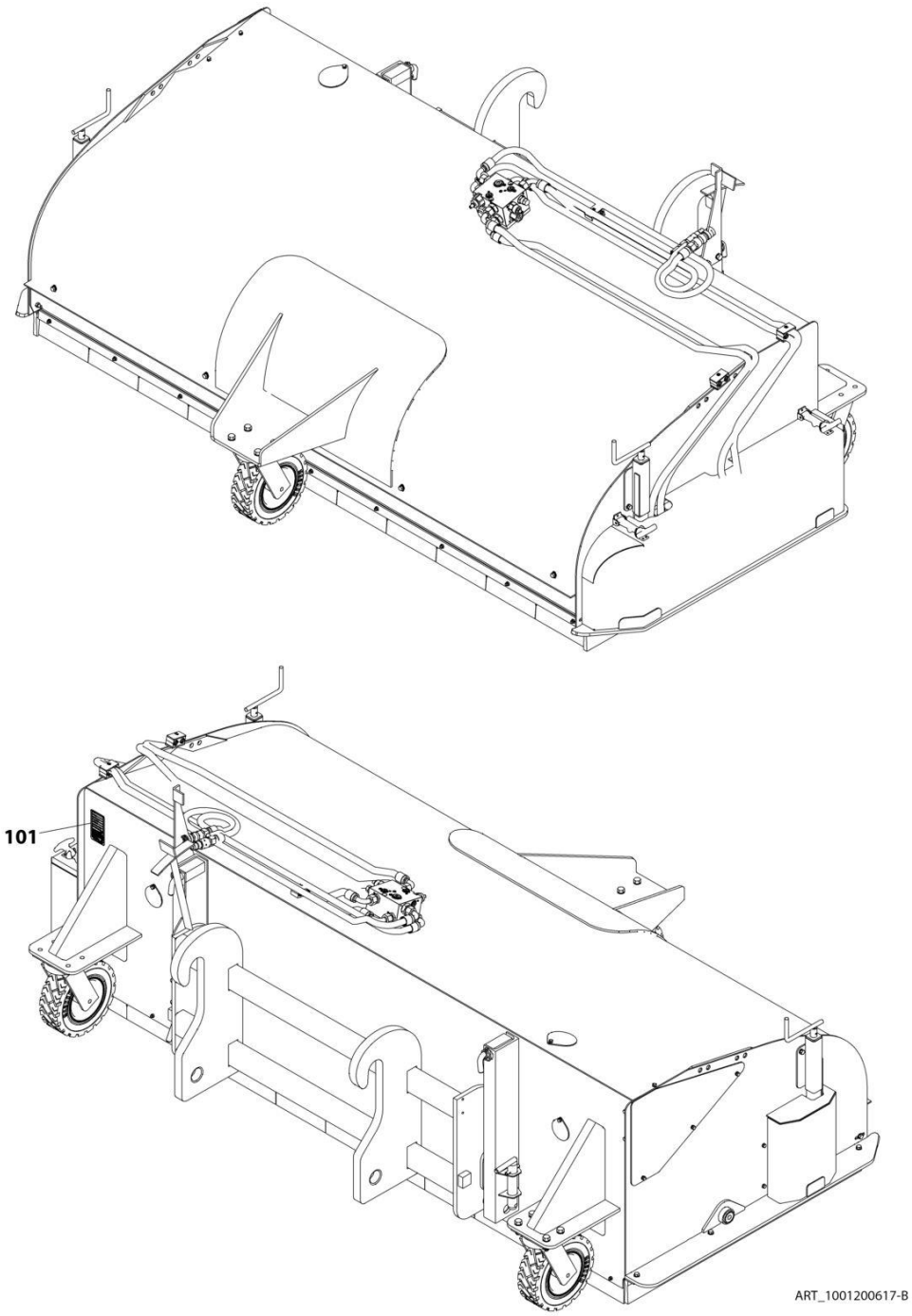


FIGURE 3-48. SWEEPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200617	1	Sweeper	B
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-49. SWEEPER - HOPPER ASSEMBLY

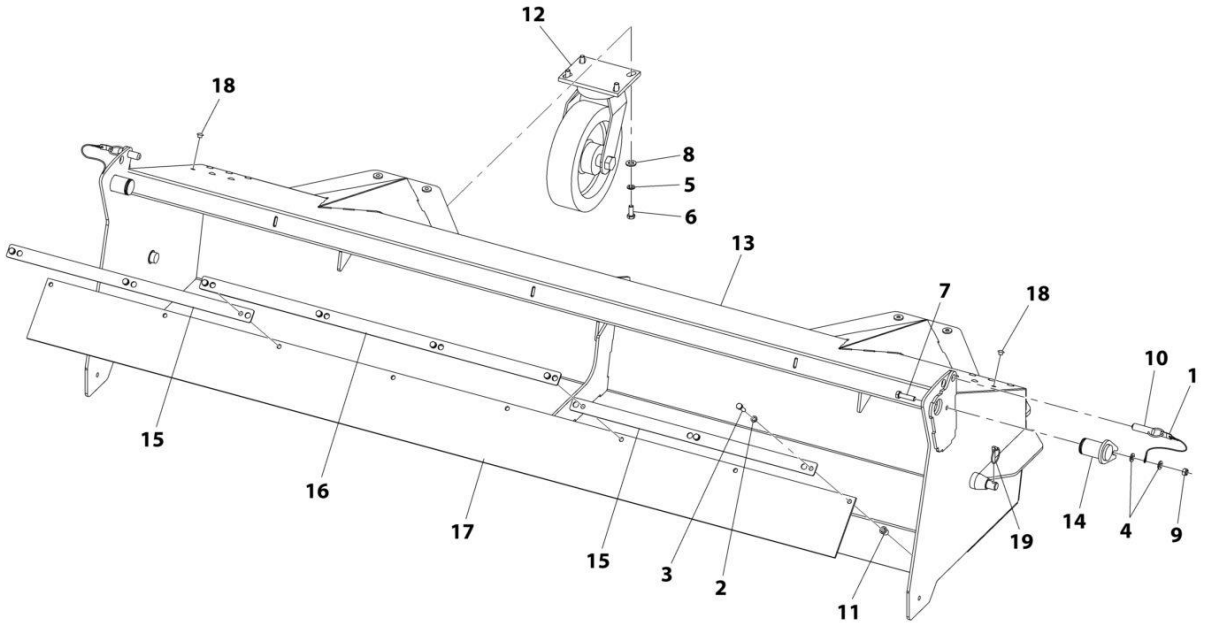


FIGURE 3-49. SWEEPER - HOPPER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - HOPPER	
1	70029725	2	Lanyard	
2	70029734	8	Washer	
3	70029735	8	Screw	
4	70029738	4	Washer	
5	70029739	8	Washer	
6	70029740	8	Screw	
7	70029742	2	Screw	
8	70029743	8	Washer	
9	70029747	2	Nut	
10	70029750	2	Pin	
11	70029756	8	Nut	
12	70029762	2	Assembly, Caster	
13	See Note	NSS	Hopper (Note: Purchase Complete Assembly)	
14	70029777	2	Pin	
15	70029780	2	Plate	
16	70029781	1	Plate	
17	70029785	1	Flap	
18	70029792	12	Plug	
19	70029794	2	Pin, Lynch	

FIGURE 3-50. AUGER (COUPLER MOUNTED)

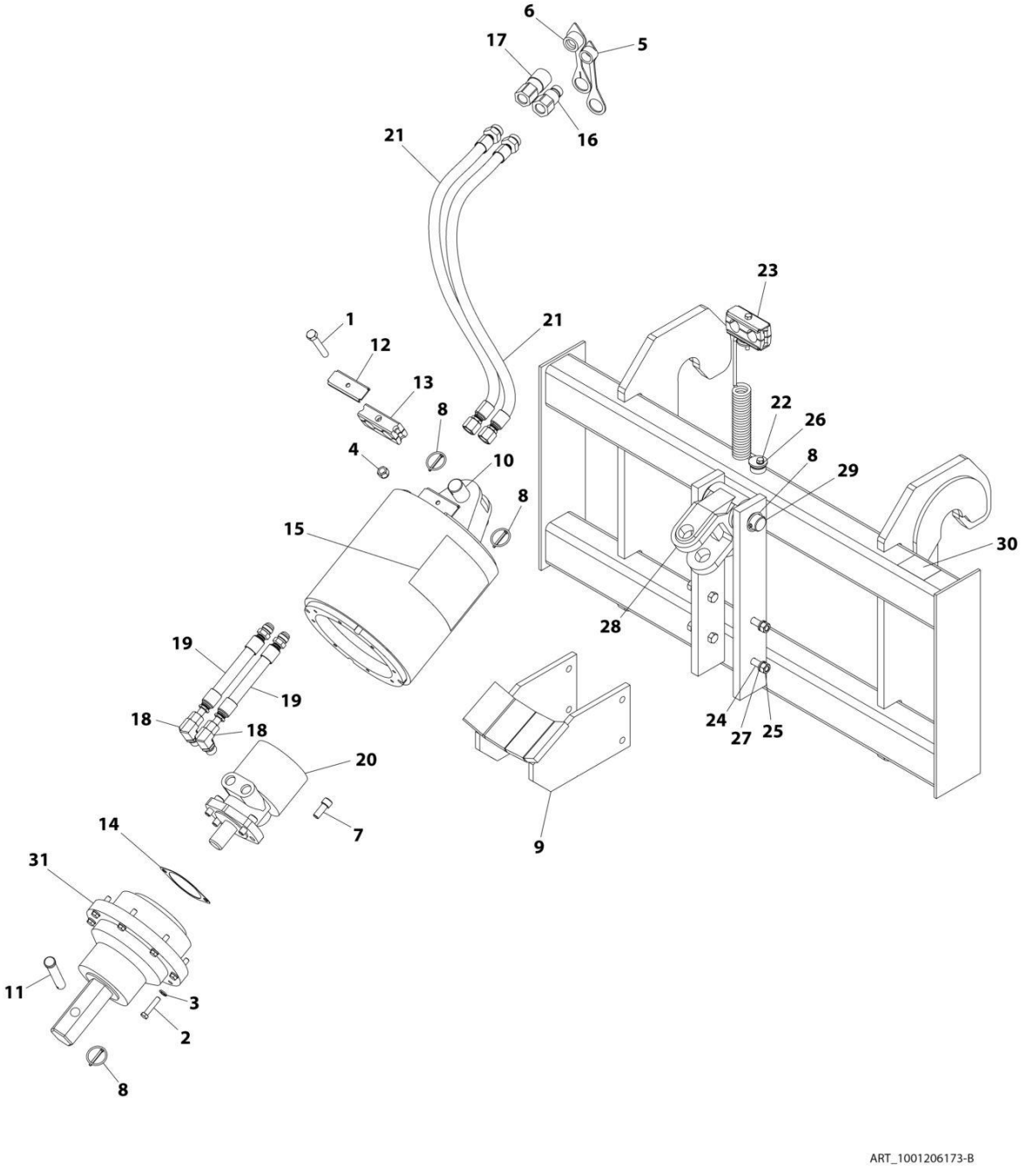


FIGURE 3-50. AUGER (COUPLER MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206173	1	Auger (Coupler Mounted)	E
1	90554070	1	Bolt	
2	70027774	8	Bolt	
3	90554042	8	Washer, Lock	
4	70027775	1	Nut, Lock	
5	1001093826	1	Cap, Male Dust	
6	1001093827	1	Cap, Female Dust	
7	70027776	4	Bolt	
8	70027777	5	Pin	
9	70027778	1	Bracket, Cradle	
10	70027781	1	Pin	
11	70027782	1	Pin	
12	70027783	1	Plate, Hose Cushion	
13	70027784	1	Block, Hose Cushion	
14	70027785	1	Gasket, Motor	
15	70027787	2	Decal, Danger	
16	1001101041	1	Coupler, Male Hydraulic	
17	1001101042	1	Coupler, Female Hydraulic	
18	70027788	2	Fitting	
19	70027789	2	Hose	
20	70027791	1	Motor	
21	70027794	2	Hose	
22	70027773	1	Bolt	
23	70027792	1	Clamp, Hose	
24	90554019	4	Bolt	
25	90554054	4	Nut	
26	90554067	1	Washer, Lock	
27	90554020	4	Washer, Lock	
28	70027779	1	Swivel	
29	70027780	1	Pin	
30	70027786	1	Decal, Warning	
31	70027793	1	Gearbox, Planetary	
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-51. FORK POSITIONING CARRIAGE WITH FORKS (4.0 TON)

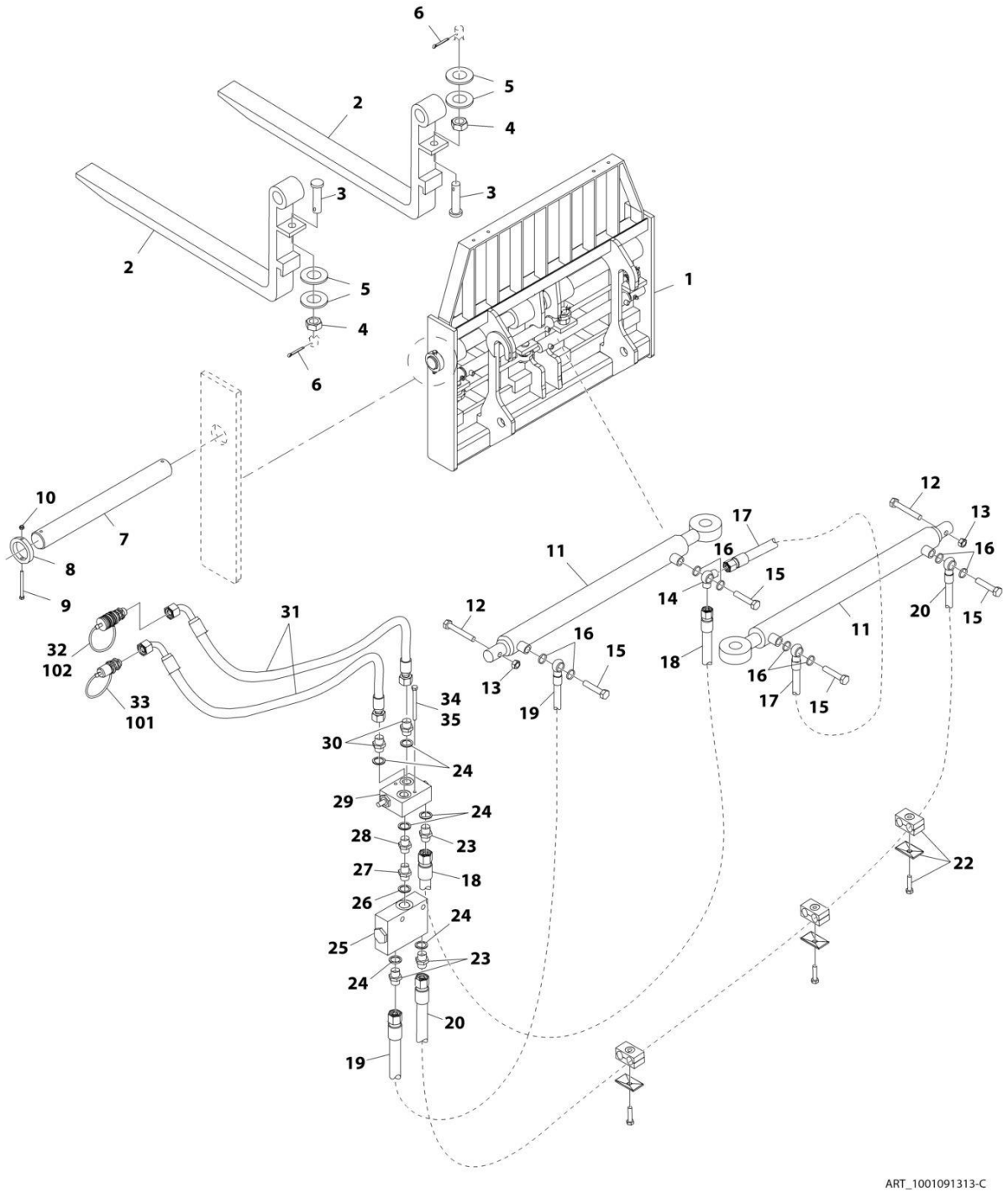
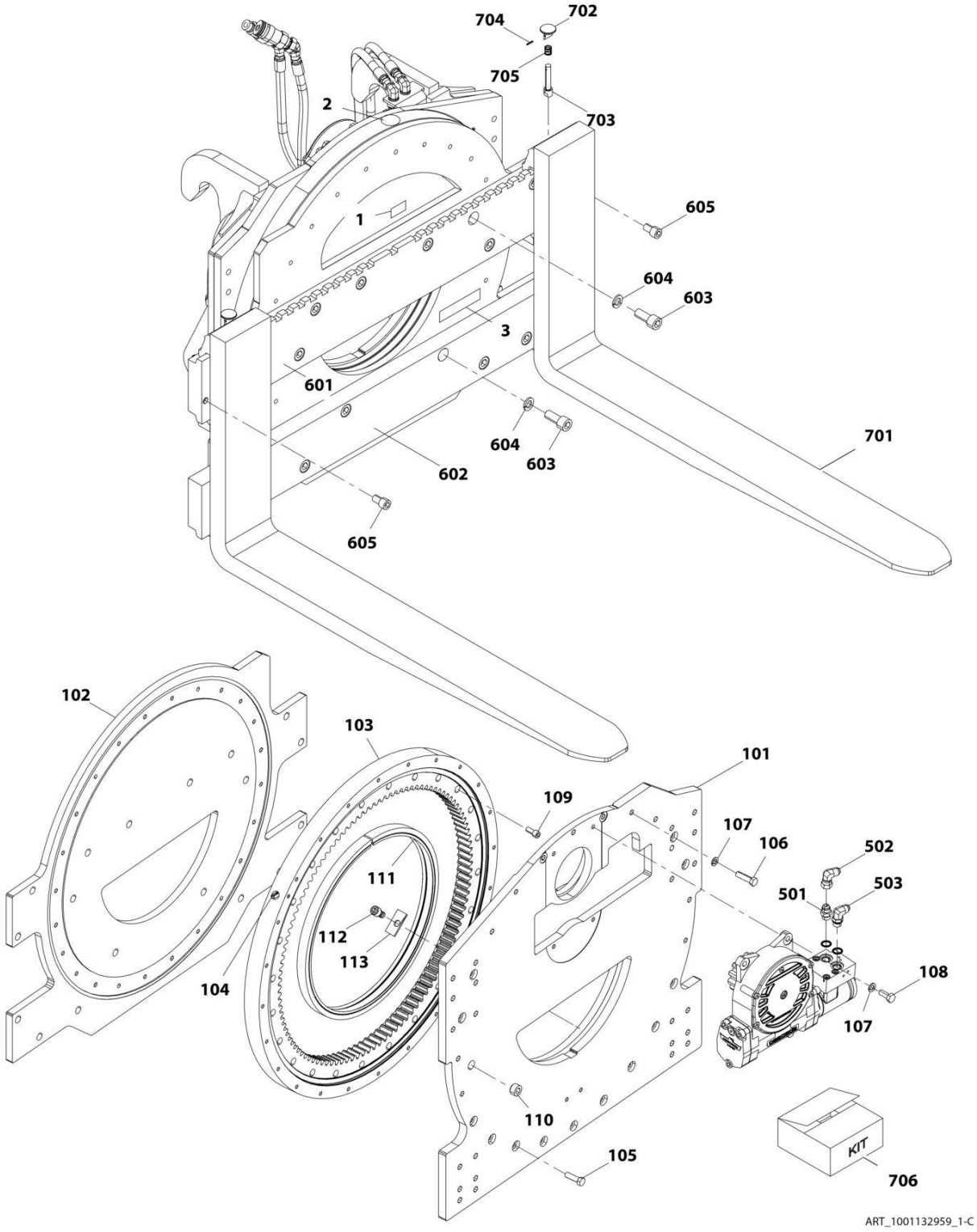


FIGURE 3-51. FORK POSITIONING CARRIAGE WITH FORKS (4.0 TON)

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 3-52. FORK ROTATING CARRIAGE (4.5 TON - 1270 MM)



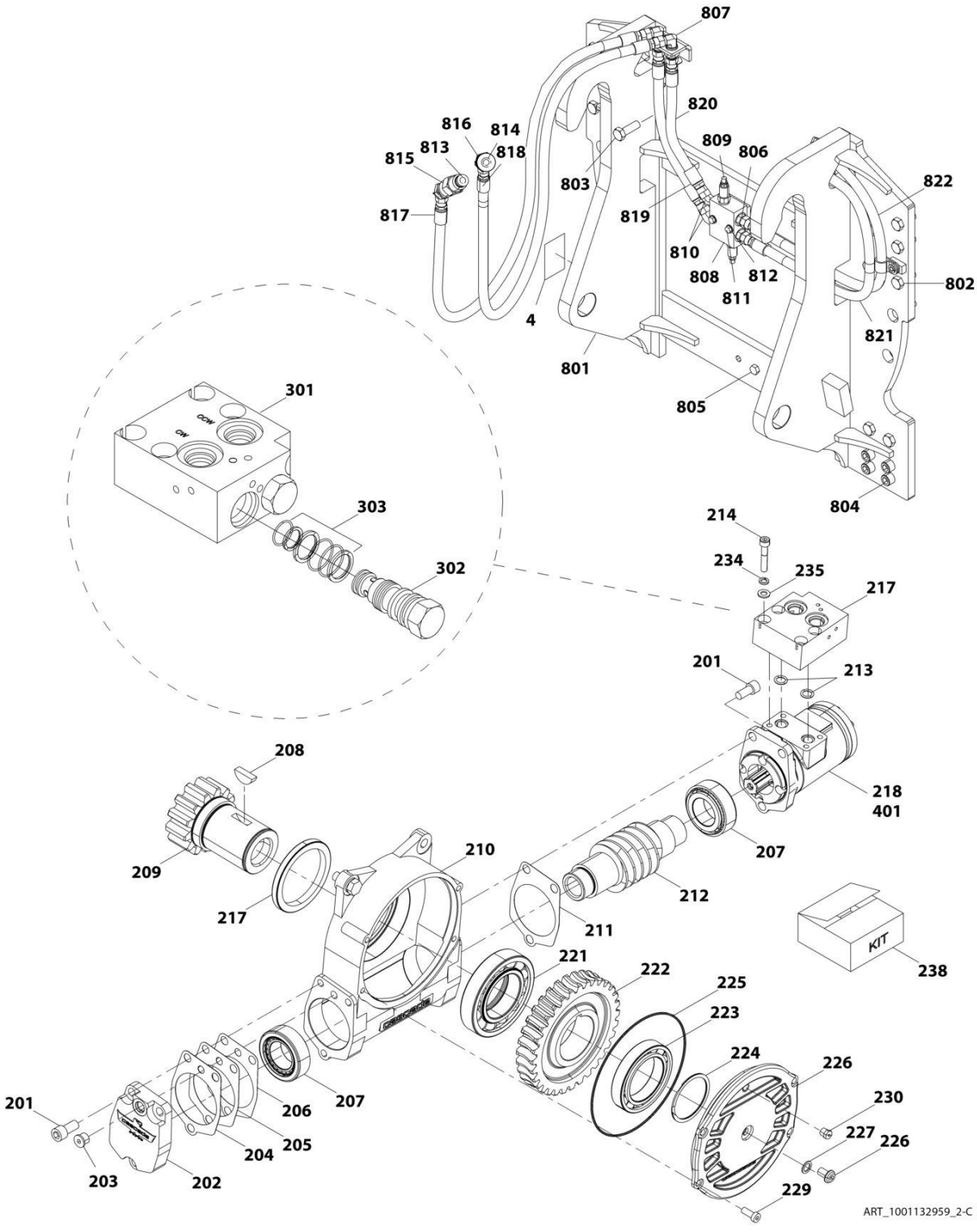

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FIGURE 3-52. FORK ROTATING CARRIAGE (4.5 TON - 1270 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132959	NLA	Fork Rotating Carriage (4.5 ton - 1270 MM), (no longer available, see items below for service or 1001218835 for replacement)	C
1	70024538	1	Decal, Pinch Point	
2	70024787	1	Decal, No Step	
3	70024788	1	Decal, Capacity	
4	N.S.S.	Ref	Plate, Serial Number	
101	70024676	1	Baseplate	
102	70024677	1	Faceplate	
103	70024678	1	Bearing	
104	70024679	1	Fitting, Grease	
105	70024680	13	Bolt, M12X40	
106	70024681	11	Bolt, M12X45	
107	70024682	15	Washer, Lock M12	
108	70024683	4	Bolt, M12X30	
109	70024684	24	Bolt, M12X40	
110	70024685	1	Plug	
111	70024686	1	Seal	
112	70024687	1	Bolt, M12X20	
113	70024688	1	Plate	
201	70024690	6	Bolt, M12X25	
202	70024691	1	Cover	
203	70024692	1	Fitting	
204	Kit	AR	Shim, 0.10	
205	Kit	AR	Shim, 0.15	
206	Kit	1	Shim, 0.20	
207	70024696	2	Bearing	
208	70024697	1	Key	
209	70024698	1	Pinion	
210	70024699	1	Housing	
211	Kit	1	Gasket	
212	70024701	1	Worm	
213	70024702	2	O-Ring	
214	70024703	4	Bolt, M8X40	
217	70024731	1	Assembly, Check Valve (includes items 301 thru 303)	
218	70024744	1	Motor, Drive (includes item 401)	
220	70024706	1	Seal	
221	70024713	1	Bearing	
222	70024707	1	Gear, Worm	
223	70024708	1	Bearing	
224	70024709	1	Ring, Snap	
225	Kit	1	O-Ring	
226	70024711	1	Cover	
227	70024712	1	Seal	
228	70024714	1	Bolt, M10X16	
229	70024715	4	Bolt, M8X20	
230	70024716	1	Fitting	
234	70024720	4	Washer, M8	
235	70024721	4	Washer, M8	
237	Kit	1	Sealant	
238	70024724	1	Kit, Shim Service	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
301	N.S.S.	Ref	Valve, Body	
302	70024733	2	Valve, Check	
303	70024734	2	Kit, Service	
401	70024745	1	Kit, Service	
501	70024748	1	Fitting	
502	70024749	1	Fitting	
503	70024750	1	Fitting	
601	70024752	1	Bar, Upper Fork	
602	70024753	1	Bar, Lower Fork	
603	70024754	18	Bolt, M20X45	
604	70024755	18	Washer, Lock M20	
605	70024756	2	Bolt, M16X25	
700	70024757	1	Assembly, Fork (includes items 701 thru 705	
701	70024758	1	Fork	
702	Kit	1	Knob	
703	Kit	1	Pin	
704	Kit	1	Pin, Coiled Spring	
705	Kit	1	Spring	
706	70024786	1	Kit, Pin (includes items 702 thru 705)	
801	N.S.S.	Ref	Plate, Mounting	
802	70024765	12	Bolt, M16X40	
803	70024766	4	Bolt, M16X35	
804	70024767	8	Bolt, M16X40	
805	70024768	2	Bolt	
806	70024748	2	Fitting	
807	70024770	2	Fitting	
808	70024771	1	Body, Valve	
809	70024772	2	Valve, Relief	
810	70024773	2	Fitting	
811	70024774	2	Washer	
812	70024775	2	Bolt	
813	70024776	1	Coupler, Male	
814	70024777	1	Coupler, Female	
815	70024778	1	Fitting	
816	70024779	1	Fitting	
817	70024780	1	Hose	
818	70024781	1	Hose	
819	70024782	1	Hose	
820	70024783	1	Hose	
821	70024784	1	Hose	
822	70024785	1	Hose	

FIGURE 3-53. FORK ROTATING CARRIAGE (2.05 TON - 990 MM)

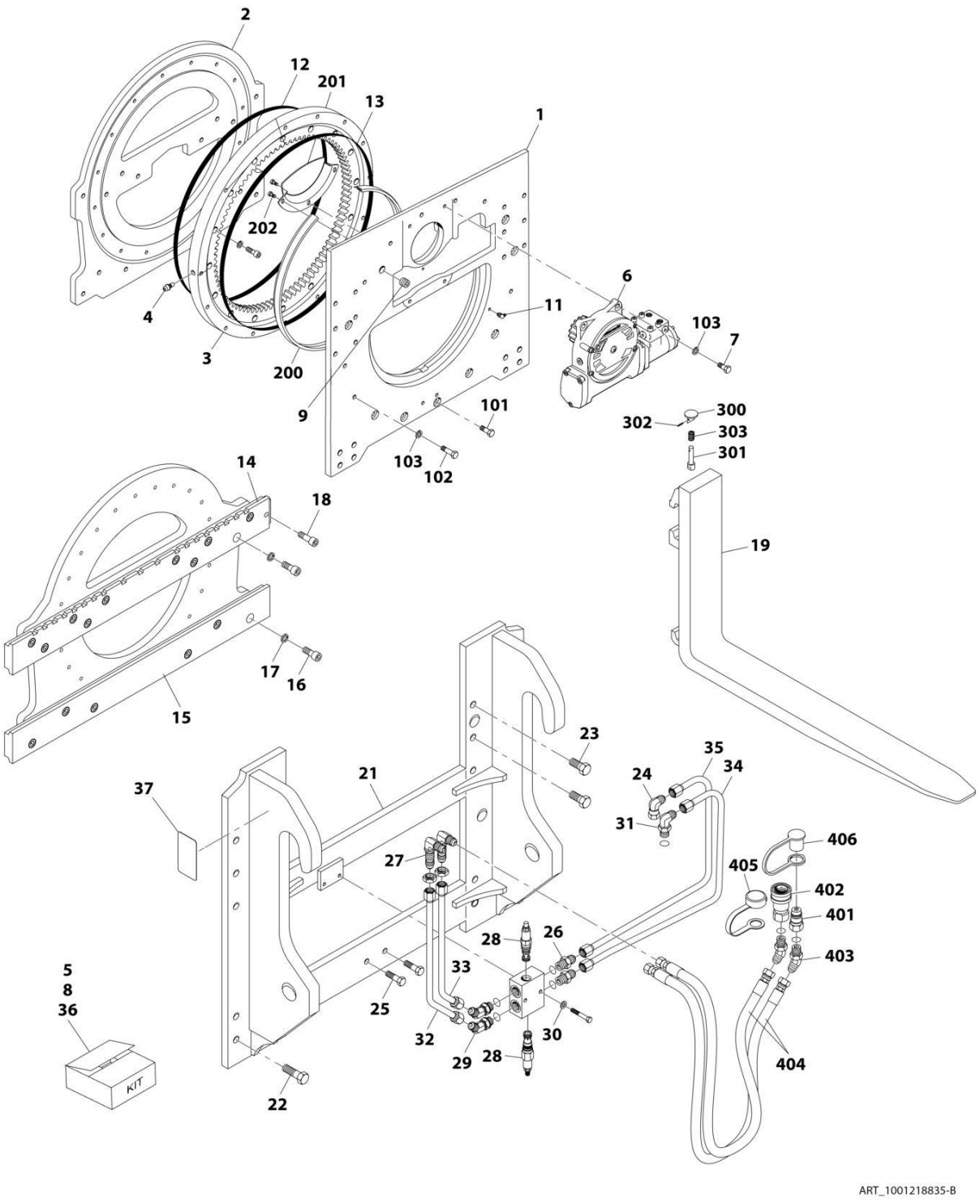


FIGURE 3-53. FORK ROTATING CARRIAGE (2.05 TON - 990 MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218835	Ref	Fork Rotating Carriage (2.05 ton - 990 MM)	B
1	70028156	1	Baseplate	
2	70028157	1	Faceplate	
3	70028134	1	Bearing	
4	70024679	1	Fitting, Grease	
5	70028172	1	Kit, Baseplate Servies (includes items 101 thru 103)	
6	70028118	Ref	Drive Group Motor (See Separate Breakdown in this Section)	
7	70028129	4	Bolt, M12X30	
8	70028158	1	Kit, Faceplate Service	
9	70024685	1	Plug	
11	70028113	1	Fitting, Grease	
12	70028121	1	Seal	
13	70028165	1	Seal	
14	70028140	1	Bar, Upper	
15	70028141	1	Bar, Lower	
16	70028133	16	Bolt, M16X35	
17	70028127	16	Washer, Lock M16	
18	70024756	2	Bolt, M16X25	
19	70028139	1	Fork	
21	70028167	1	Plate, Mounting	
22	70024765	16	Bolt, M16X40	
23	70024766	4	Bolt, M16X35	
24	70024749	1	Fitting	
25	70024768	2	Bolt	
26	70024748	2	Fitting	
27	70024770	2	Fitting	
28	70024772	2	Valve, Relief	
29	70024773	2	Fitting	
30	70024774	2	Washer	
31	70024750	1	Fitting	
32	70028171	1	Tube	
33	70028170	1	Tube	
34	70028169	1	Tube	
35	70028168	1	Tube	
36	70028166	2	Kit, Seal	
37	N.S.S.	AR	SN Plate	
101	Kit	8	Bolt, M12X35	
102	Kit	8	Bolt, M12X45	
103	Kit	12	Washer, Lock M12	
200	Kit	1	Seal	
201	Kit	1	Cover, Plate	
202	Kit	3	Bolt, M8X16	
300	Kit	1	Knob	
301	Kit	1	Pinion	
302	Kit	1	Pin, Coiled Spring	
303	Kit	1	Spring	
401	Kit	1	Coupler, Male	
402	Kit	1	Coupler, Female	
403	Kit	2	Fitting	
404	Kit	2	Hose	

SECTION 3 - ATTACHMENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
405	Kit	1	Cap, Female	
406	Kit	1	Cap, Male	

FIGURE 3-54. DRIVE GROUP MOTOR

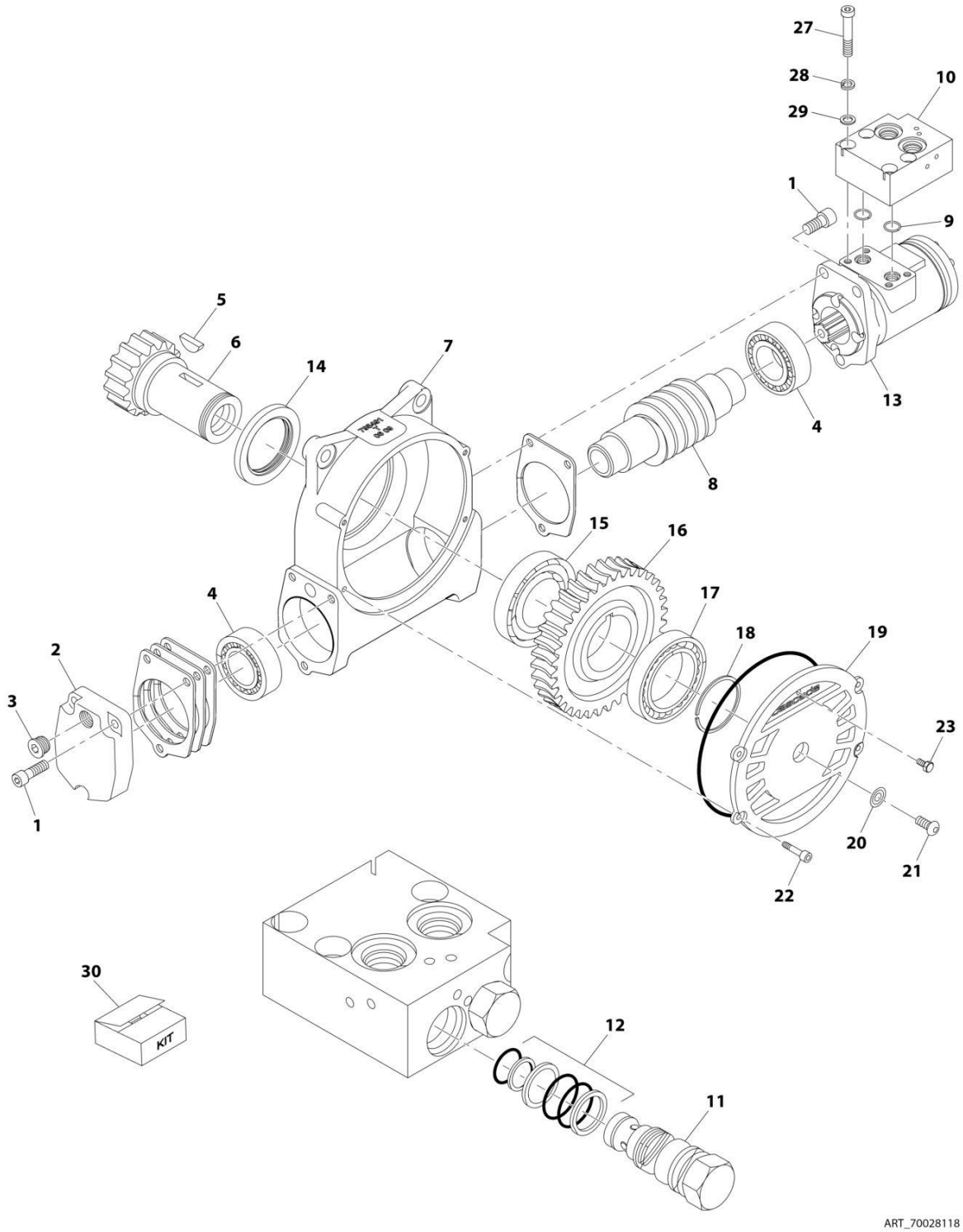


FIGURE 3-54. DRIVE GROUP MOTOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70028118	Ref	Drive Group Motor	
1	70024690	6	Bolt, M12X25	
2	70024691	1	Cover	
3	70024692	1	Fitting	
4	70024696	2	Bearing	
5	70024697	1	Key	
6	70028120	1	Pinion	
7	70024699	1	Housing	
8	70024701	1	Worm	
9	70028112	2	O-Ring	
10	70024731	1	Assembly, Check Valve	
11	70024733	2	Valve, Check	
12	70024734	2	Kit, Service	
13	70028144	Ref	Drive Motor (See Separate Breakdown in this Section)	
14	70024706	1	Seal	
15	70028136	1	Bearing	
16	70024707	1	Gear, Worm	
17	70024708	1	Bearing	
18	70024709	1	Ring, Snap	
19	70024711	1	Cover	
20	70024712	1	Seal	
21	70024714	1	Bolt, M10X16	
22	70024715	4	Bolt, M8X20	
23	70024716	1	Fitting	
27	70024703	4	Bolt, M8X40	
28	70024720	4	Washer, M8	
29	70024721	4	Washer, M8	
30	70024724	1	Kit, Shim Service	

FIGURE 3-55. DRIVE MOTOR

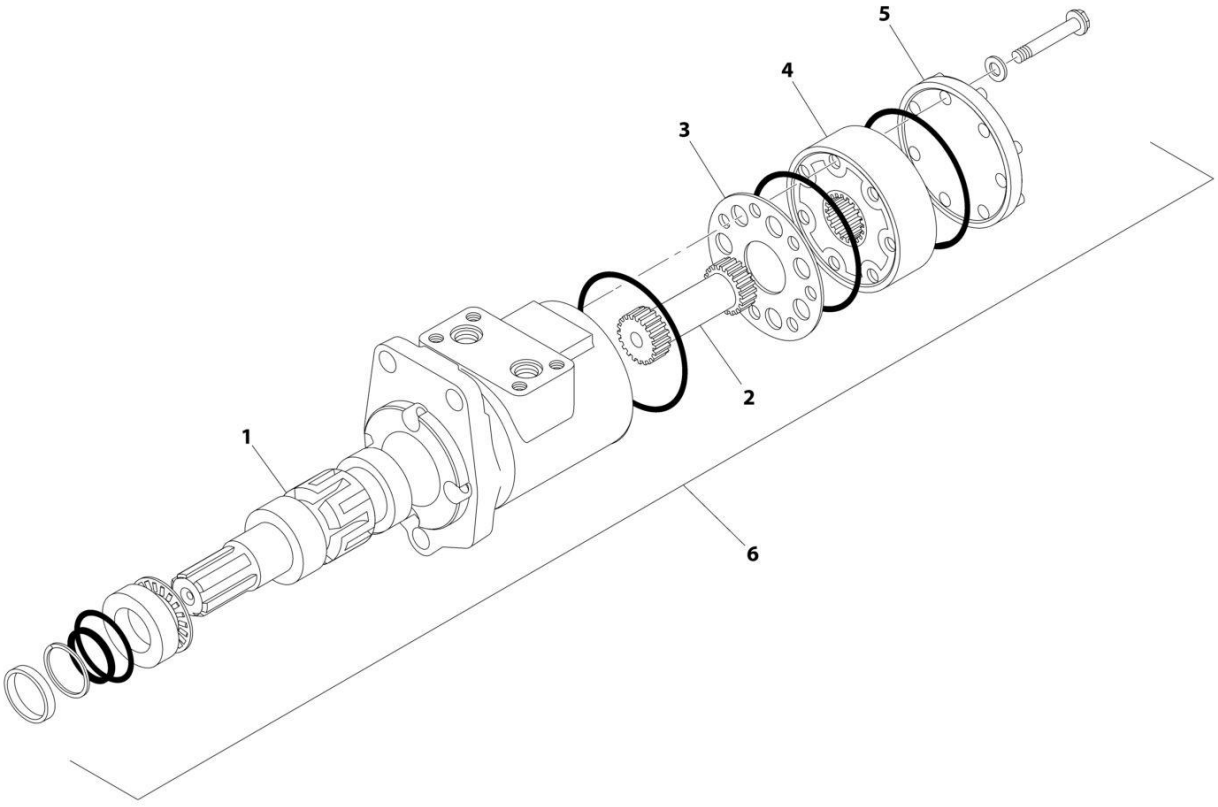
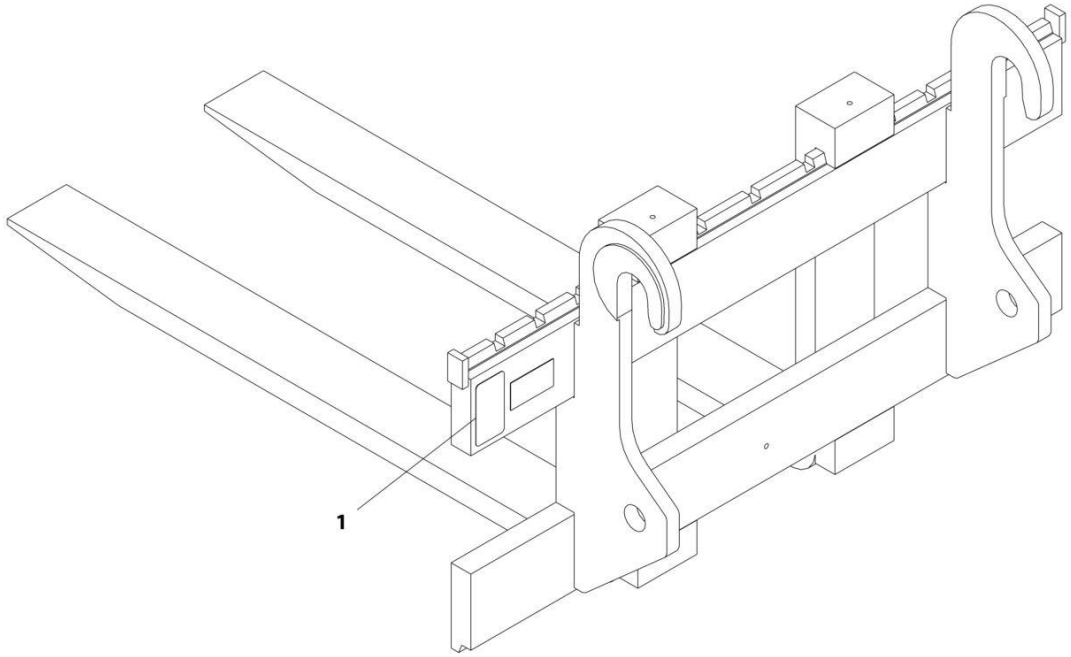


FIGURE 3-55. DRIVE MOTOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70028144	Ref	Drive Motor	
1	70028123	1	Shaft	
2	70028122	1	Coupler, Drive	
3	70028124	1	Spacer	
4	70028128	1	Rotor	
5	70028125	1	End Cap	
6	70028114	1	Kit, Service	

FIGURE 3-56. FEM CARRIAGE AND FORKS



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FIGURE 3-56. FEM CARRIAGE AND FORKS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172667	1	FEM Carriage and Forks	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-57. BUCKET GUARD

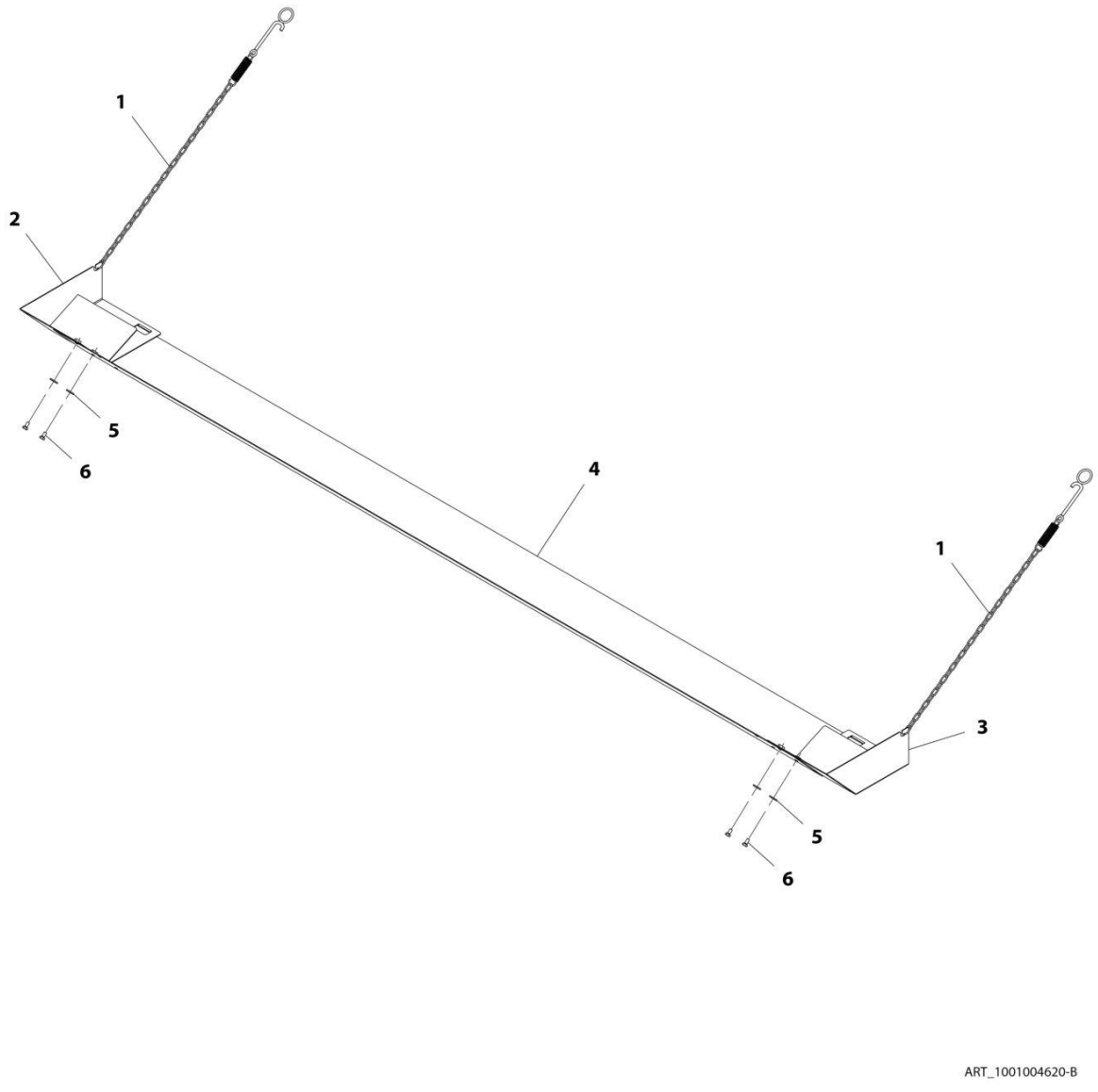


FIGURE 3-57. BUCKET GUARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001004620	1	Bucket Guard	B
1	1001003064	2	Assembly, Retainer	
2	1001004617	1	Plate	
3	1001004618	1	Plate	
4	1001004619	1	Plate	
5	1001008665	4	Washer	
6	1001009105	4	Bolt, M6X1	

FIGURE 3-58. BALE HANDLER (TUBE CLAMP)

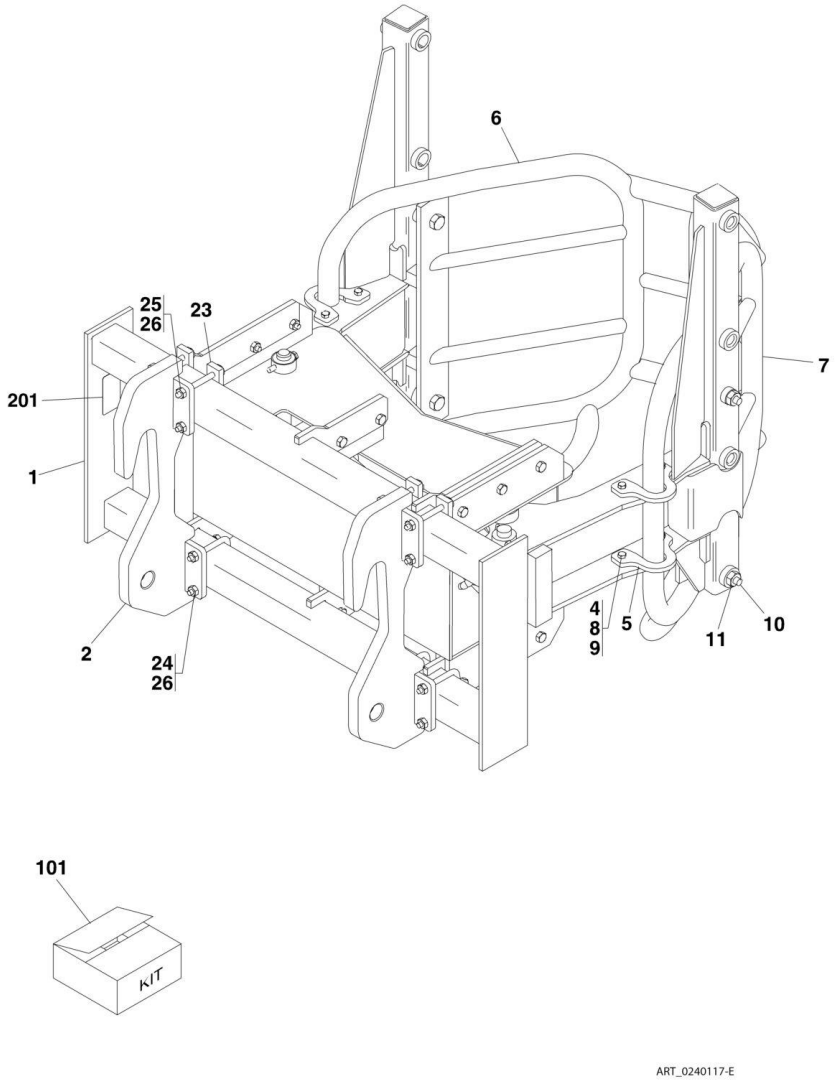


FIGURE 3-58. BALE HANDLER (TUBE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240117	1	Bale Handler (Tube Clamp)	E
1	N.S.S.	1	Weldment	
2	7029344	1	Weldment, Attach (includes items 23 thru 26)	
4	7029345	8	Bolt, M12X45	
5	7029346	4	Strap	
6	7029347	1	Arm, Left Tube	
7	7029348	1	Arm, Right Tube	
8	7029349	8	Washer, M12	
9	7029350	8	Locknut, M12X8	
10	7029351	4	Bolt, M22X180	
11	7029352	4	Locknut, M22X8	
23	7029353	4	Plate	
24	7029354	4	U-Bolt	
25	7029355	8	Bolt, M16X130	
26	7029356	16	Locknut, M16X8	
101	2902440	1	Kit, Bale Handler (Spikes to Tube) (CE & AUS) (includes items 4 thru 11) (See Separate Breakdown in this Section)	
201	N.S.S.	AR	SN Plate	

FIGURE 3-59. BALE HANDLER (SPIKE CLAMP)

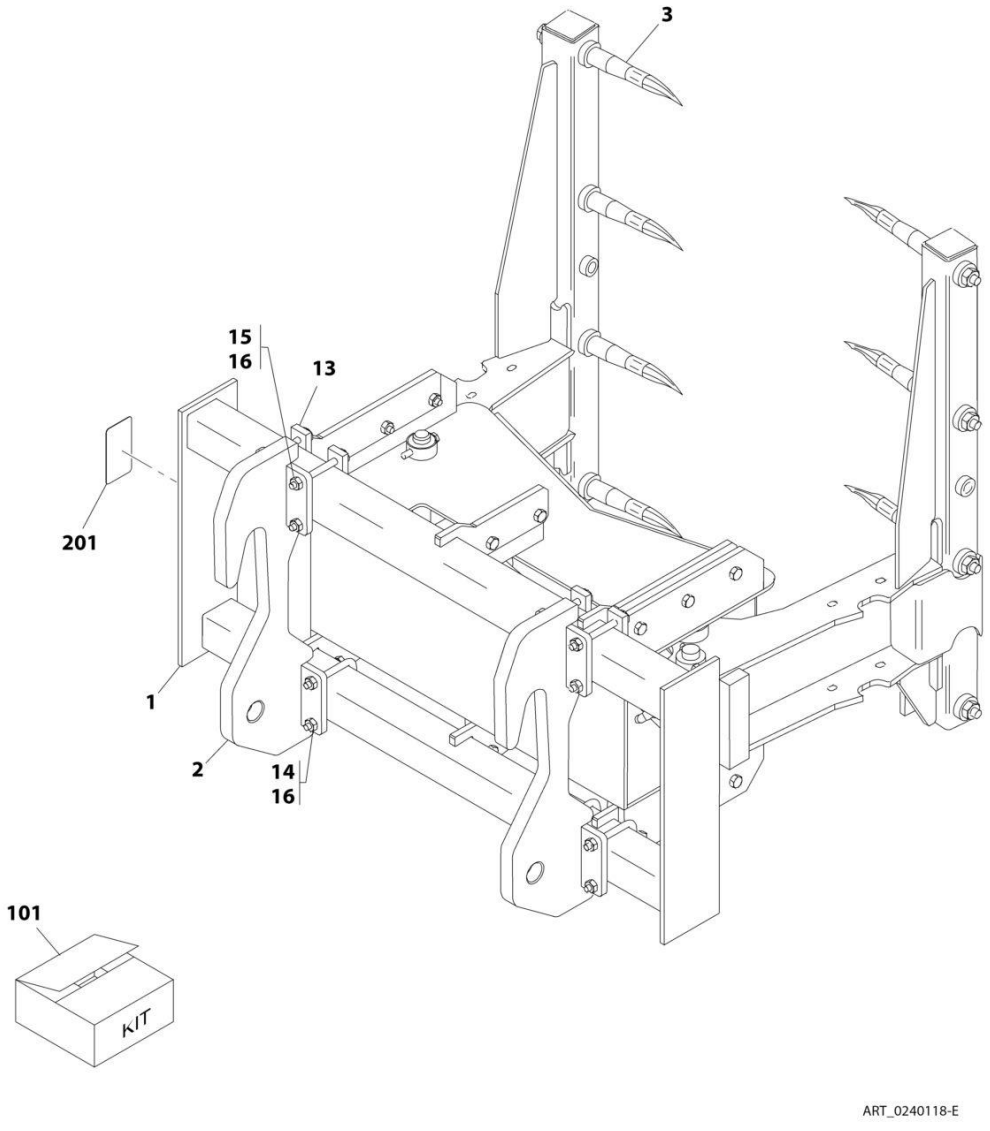


FIGURE 3-59. BALE HANDLER (SPIKE CLAMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0240118	1	Bale Handler (Spike Clamp)	E
1	N.S.S.	1	Weldment	
2	7029344	1	Weldment, Attach (includes items 13 thru 16)	
3	7029357	8	Spike	
13	7029353	4	Plate	
14	7029354	4	U-Bolt	
15	7029355	8	Bolt, M16X130	
16	7029356	16	Locknut, M16X8	
101	2902441	1	Kit, Bale Handler Kit (Spikes) (CE & AUS) (includes item 3) (See Separate Breakdown in this Section)	
201	N.S.S.	AR	SN Plate	

FIGURE 3-60. BALE HANDLER KIT (SPIKES)

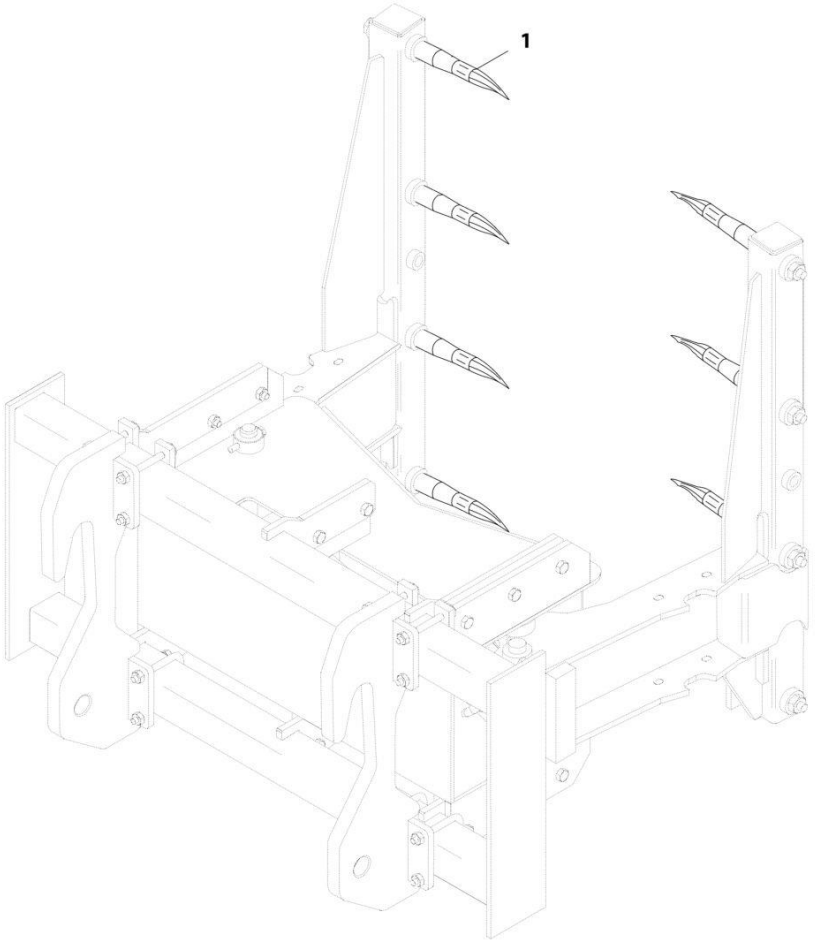


FIGURE 3-60. BALE HANDLER KIT (SPIKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902441	1	Bale Handler Kit (Spikes)	A
1	Kit	1	Kit	

FIGURE 3-61. BALE HANDLER KIT (SPIKES TO TUBE)

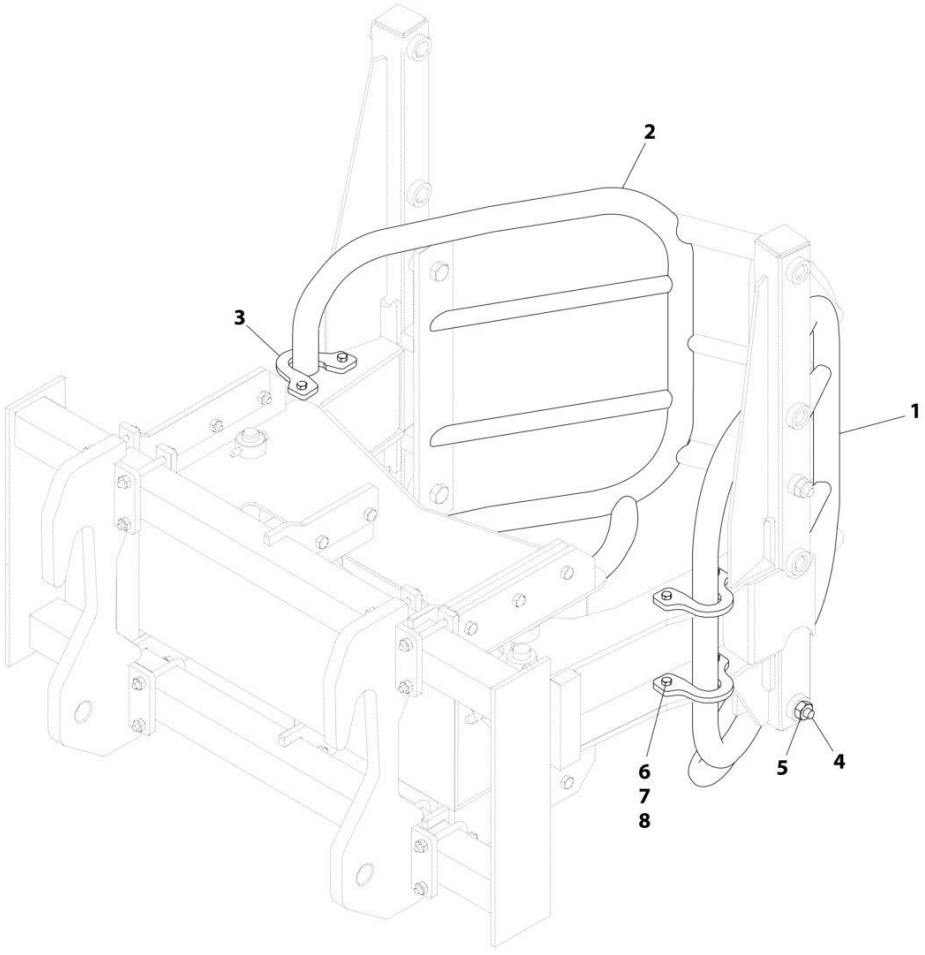


FIGURE 3-61. BALE HANDLER KIT (SPIKES TO TUBE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902440	Ref	Bale Handler Kit (Spikes to Tube)	A
1	7029348	1	Bent Arm, Right	
2	7029347	1	Bent Arm, Left	
3	7029346	4	Strap	
4	7029351	4	Bolt, M22X180-8.8	
5	7029352	4	Locknut, M22-8	
6	7029345	8	Bolt, M12X45-8.8	
7	7029350	8	Locknut, M12-8	
8	7029349	8	Washer, M12	

FIGURE 3-62. FORK EXTENSION (50X100X1910)

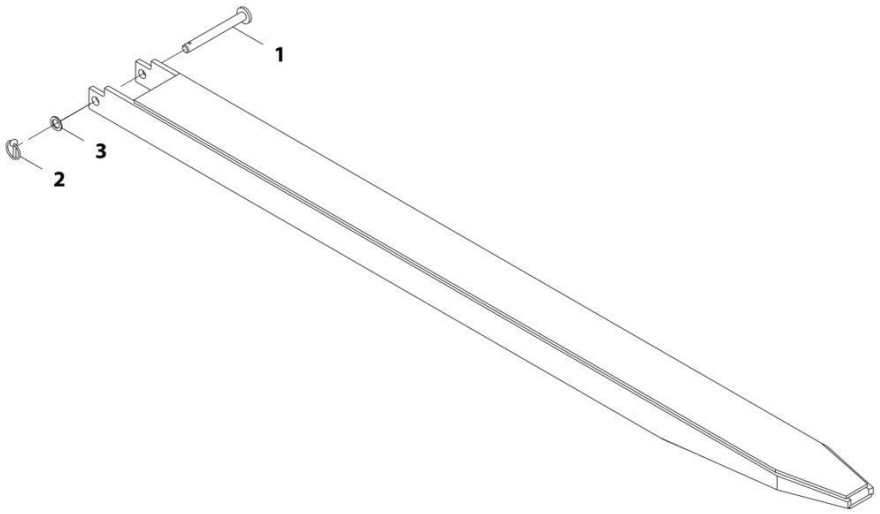
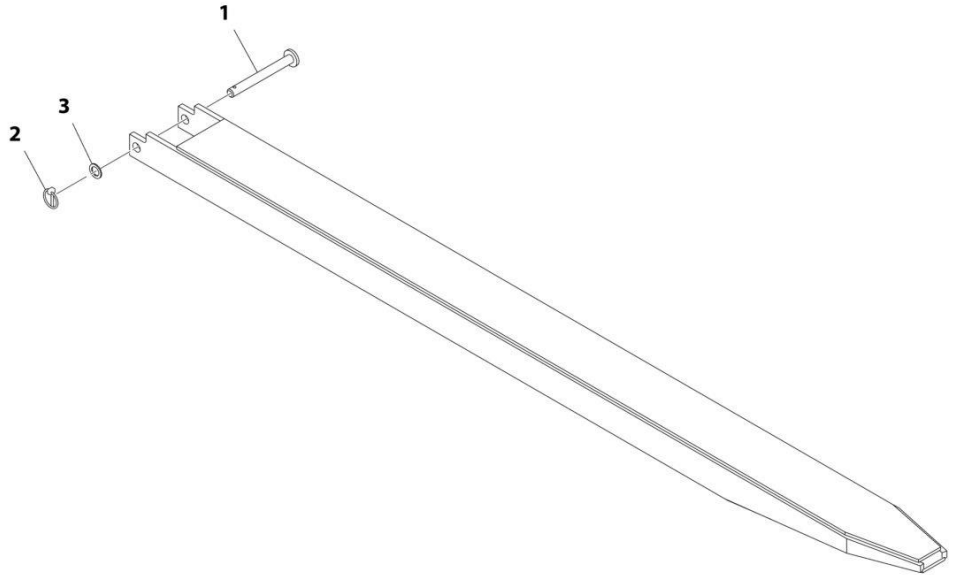


FIGURE 3-62. FORK EXTENSION (50X100X1910)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001112559	1	Fork Extension (50X100X1910)	C
1	70022831	1	Kit, Pin	
2	N.S.S.	1	Pin, Locking	
3	N.S.S.	1	Washer	

FIGURE 3-63. FORK EXTENSION (60X100X1920)

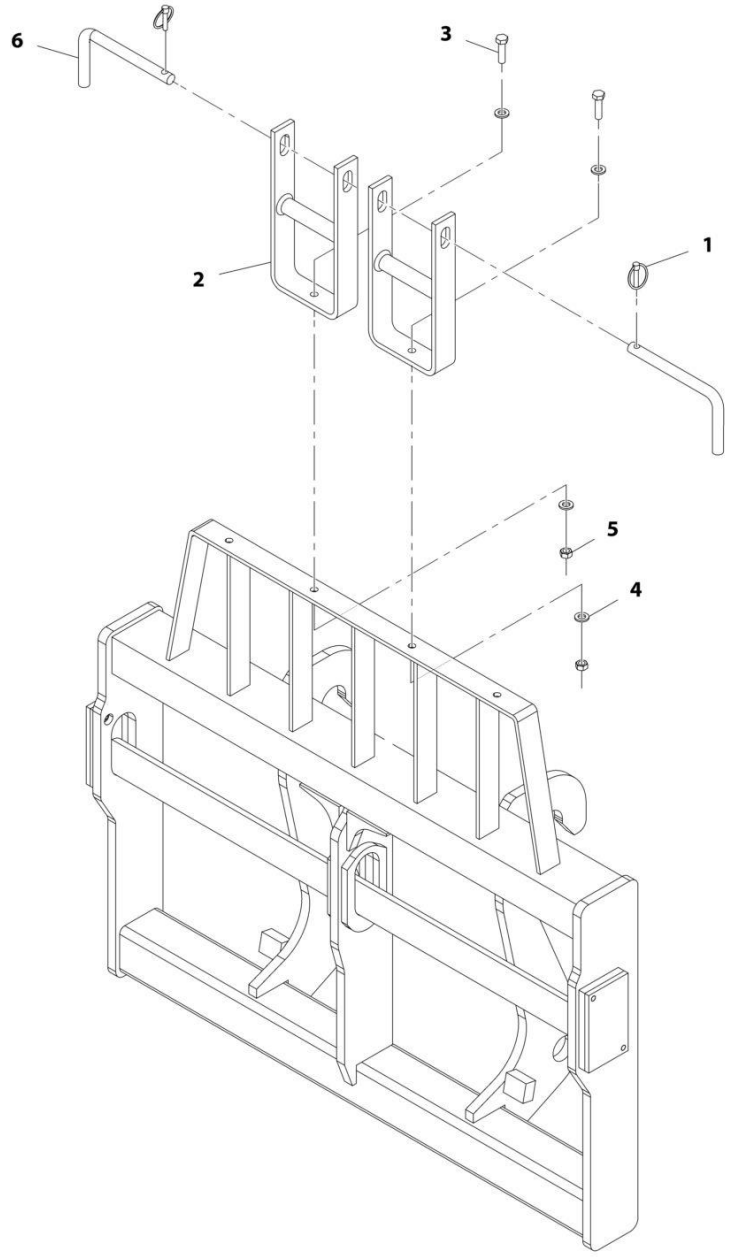


ART_1001112560-B

FIGURE 3-63. FORK EXTENSION (60X100X1920)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001112560	1	Fork Extension (60X100X1920)	B
1	70022831	1	Kit, Pin	
2	N.S.S.	1	Pin, Locking	
3	N.S.S.	1	Washer	

FIGURE 3-64. TRANSPORT LATCHES



ART_1001101070-F

FIGURE 3-64. TRANSPORT LATCHES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101070	1	Transport Latches	F
1	1001109387	2	Pin	
2	1001130822	2	Bracket	
3	0701217	2	Bolt, M12X45	
4	5241200	4	Washer, M12	
5	3291201	2	Nut, M12X1.75	
6	1001100262	1	Pin	

FIGURE 3-65. MANITOU HYDRAULIC COUPLING

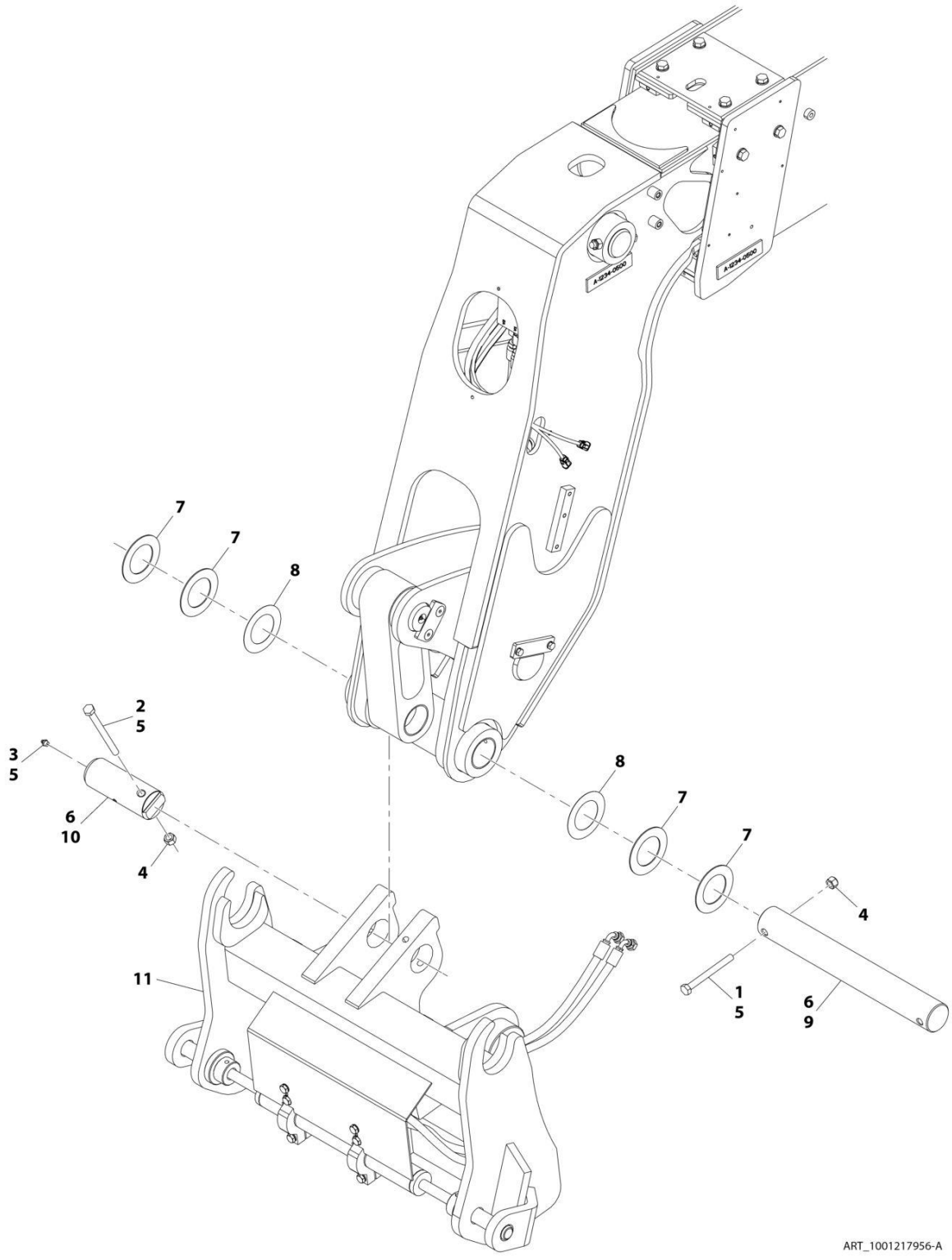


FIGURE 3-65. MANITOU HYDRAULIC COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217956	Ref	Manitou Hydraulic Coupling Installation	A
1	0701229	1	Bolt, M12X120	
2	0701232	1	Bolt, M12X150	
3	2160016	1	Fitting, Grease	
4	3291205	2	Nut, Lock, M12X1.75 Grade 8	
5	1001095650	AR	Compound, Locking	
6	1001098457	AR	Lube, Lithium Grease	
7	1001117382	AR	Washer, Shim M62X100X2	
8	1001117383	AR	Washer, Shim M62X100X0.5	
9	1001172950	1	Pin	
10	1001197479	1	Pin	
11	1001217972	Ref	Manitou Hydraulic Coupling (See Separate Breakdown in this Section)	

FIGURE 3-66. MANITOU HYDRAULIC COUPLING

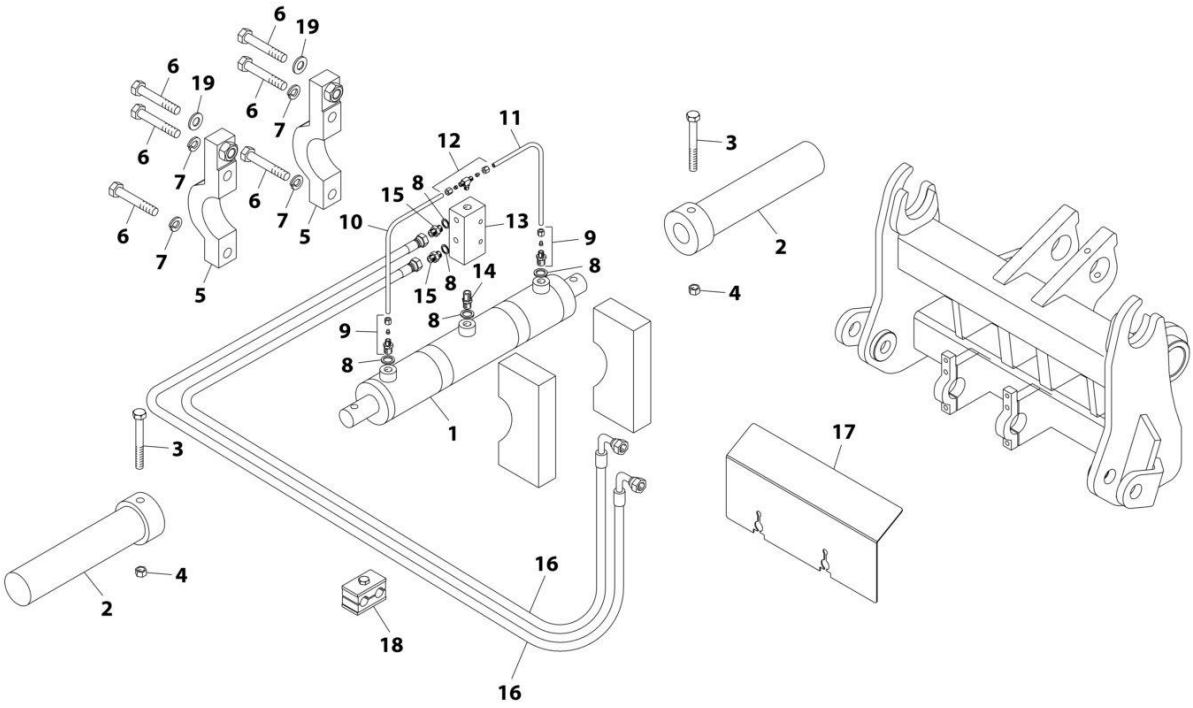


FIGURE 3-66. MANITOU HYDRAULIC COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217972	Ref	Manitou Hydraulic Coupling	A
1	1001103522	1	Cylinder	
2	1001103523	2	Pin	
3	1001103524	2	Bolt	
4	1001104957	2	Nut, Self Locking	
5	70028048	2	Clamp	
6	1001103202	6	Bolt	
7	1001103203	4	Grower	
8	1001103531	5	Gasket	
9	70028049	2	Adapter	
10	70028050	1	Pipe	
11	70028051	1	Pipe	
12	70028052	1	Adapter	
13	1001104960	1	Valve	
14	1001103529	1	Adapter	
15	1001104958	2	Adapter	
16	70028434	2	Flexible Pipe	
17	70028053	1	Carter	
18	1001103533	1	Pipe Clamp	
19	70028054	2	Washer	

FIGURE 3-67. JCB HYDRAULIC COUPLING INSTALLATION

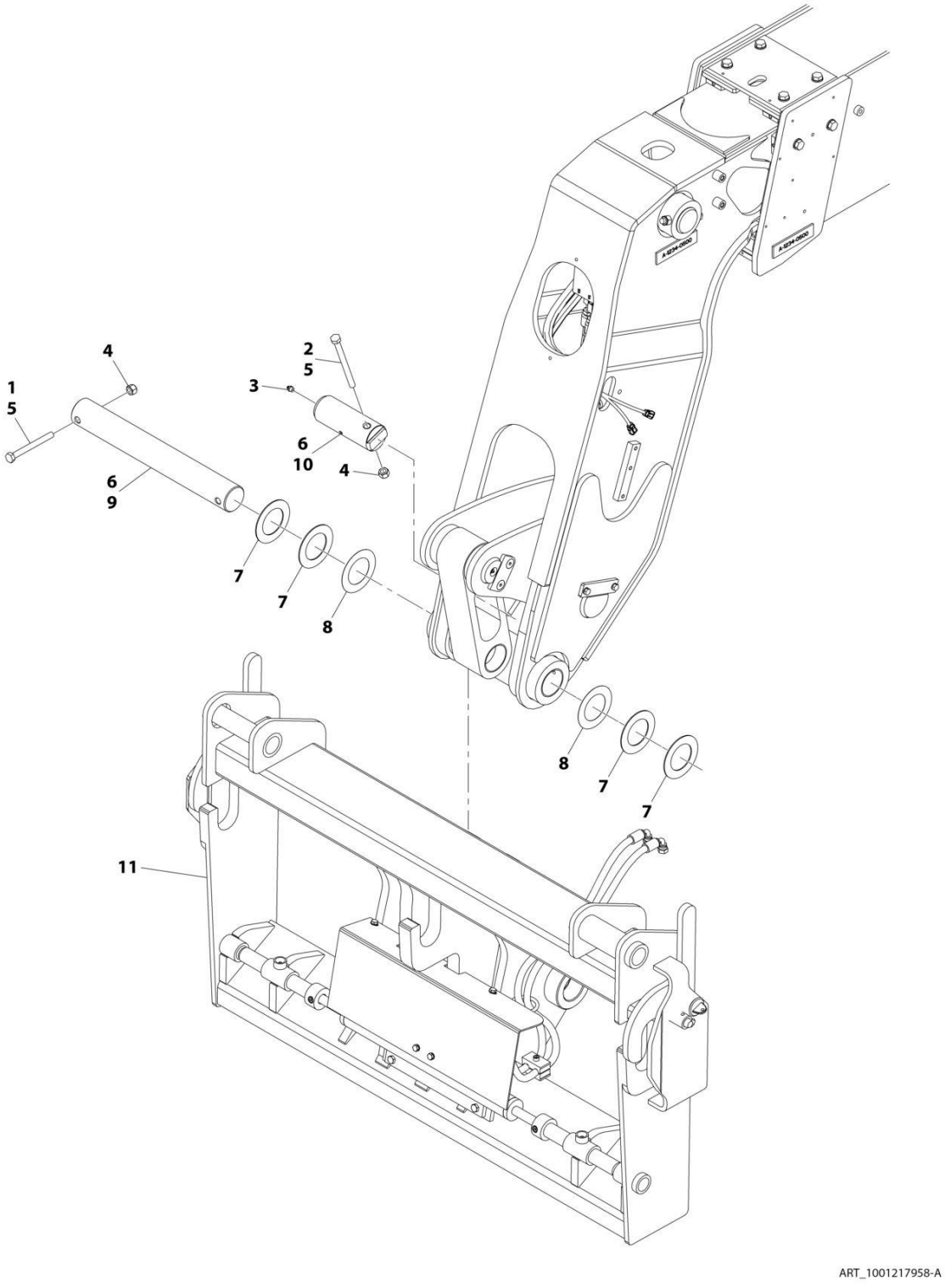


FIGURE 3-67. JCB HYDRAULIC COUPLING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217958	Ref	JCB hydraulic Coupling Installation	A
1	0701229	1	Bolt, M12X120	
2	0701232	1	Bolt, M12X150	
3	2160016	1	Fitting, Grease	
4	3291205	2	Nut, Lock M12X1.75 Grade 8	
5	1001095650	AR	Compound, Locking	
6	1001098457	AR	Lube, Lithium Grease	
7	1001117382	AR	Washer, Shim M62X100X2	
8	1001117383	AR	Washer, Shim M62X100X0.5	
9	1001172950	1	Pin	
10	1001197479	1	Pin	
11	1001217974	Ref	JCB Hydraulic Coupling, (See Separate Breakdown in this Section)	

FIGURE 3-68. JCB HYDRAULIC COUPLING

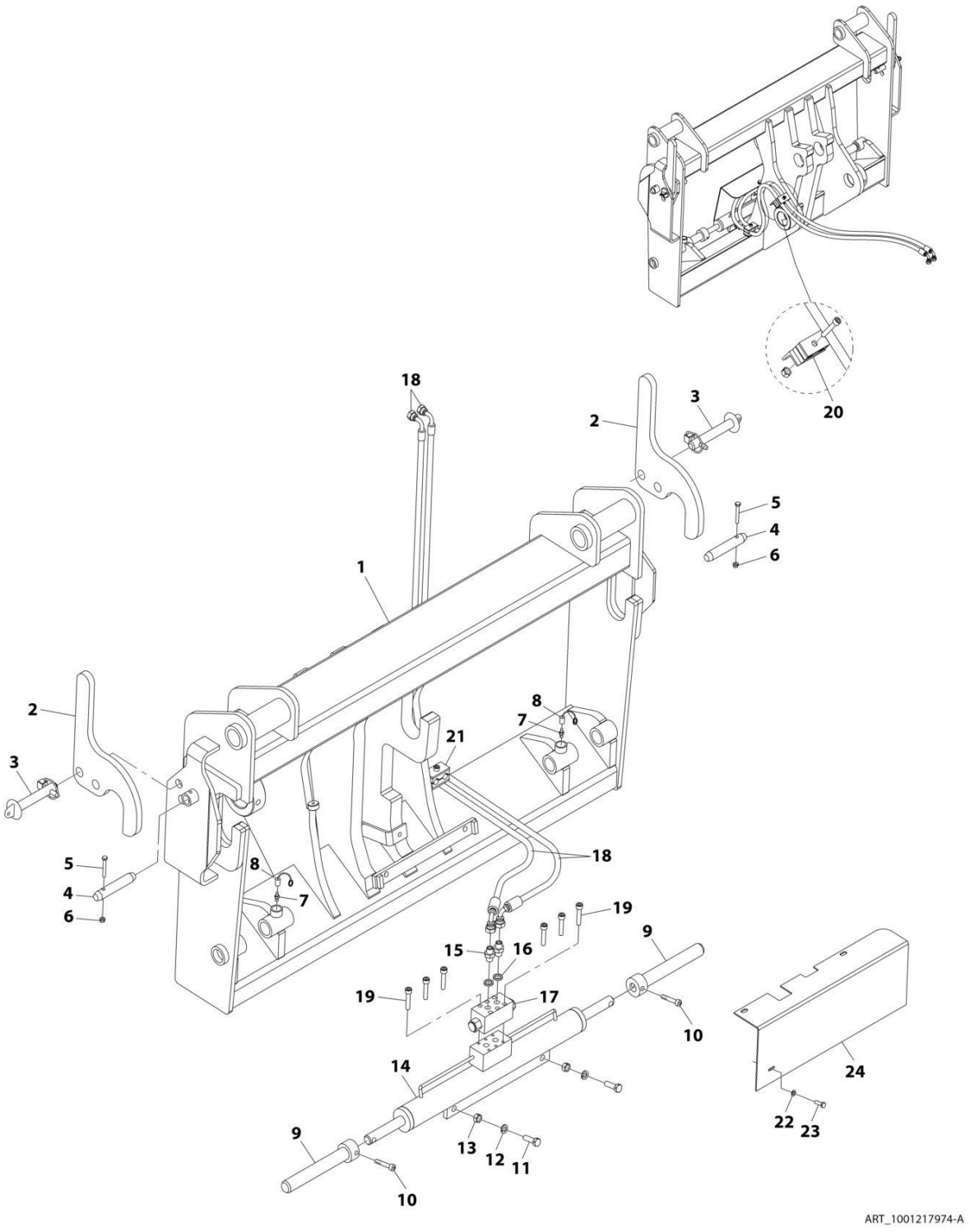


FIGURE 3-68. JCB HYDRAULIC COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217974	Ref	JCB hydraulic Coupling	A
1	N.S.S.	1	Weldment	
2	1001103192	2	Lock handle	
3	1001103193	2	Pin	
4	1001103194	2	Pin	
5	1001103195	2	Bolt, M6X45	
6	1001103196	2	Nut, M6	
7	70021242	2	Fitting, Grease	
8	70021243	2	Cover, Grease Fitting	
9	1001103199	2	Pin	
10	1001103200	2	Bolt, M10X65	
11	1001103202	2	Bolt, M10X35	
12	1001103203	2	Washer, M10	
13	1001103204	2	Nut, M10	
14	1001103198	1	Cylinder	
15	1001104958	2	Fitting, Straight	
16	1001103531	4	Bonded	
17	70028423	1	Valve	
18	70028424	2	Pipe	
19	70028425	6	Bolt	
20	70028426	1	Clamp	
21	1001103533	2	Clamp Set, (includes screw and plate)	
22	70028069	3	Washer	
23	70028070	3	Bolt	
24	70028071	1	Valve Protection	

FIGURE 3-69. MERLO HYDRAULIC COUPLING INSTALLATION

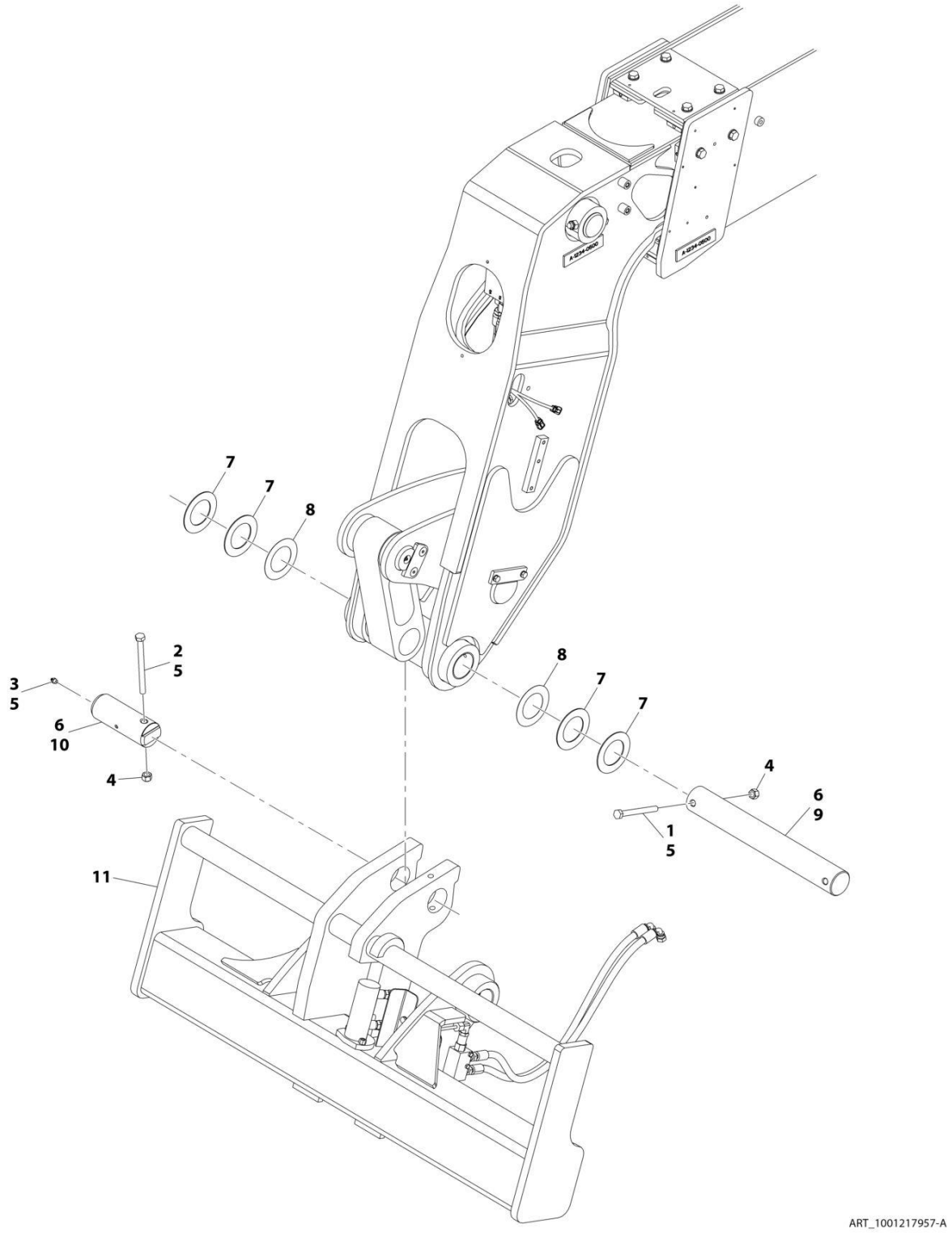


FIGURE 3-69. MERLO HYDRAULIC COUPLING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217957	Ref	Merlo Hydraulic Coupling Installation	A
1	0701229	1	Bolt, M12X120	
2	0701232	1	Bolt, M12X150	
3	2160016	1	Fitting, Grease	
4	3291205	2	Nut, Lock, M12X1.75 Grade 8	
5	1001095650	AR	Compound, Locking	
6	1001098457	AR	Lube, Lithium Grease	
7	1001117382	AR	Washer, Shim M62X100X2	
8	1001117383	AR	Washer, Shim M62X100X0.5	
9	1001172950	1	Pin	
10	1001197479	1	Pin	
11	1001217973	Ref	Merlo Hydraulic Coupling (See Separate Breakdown in this Section)	

FIGURE 3-70. MERLO HYDRAULIC COUPLING

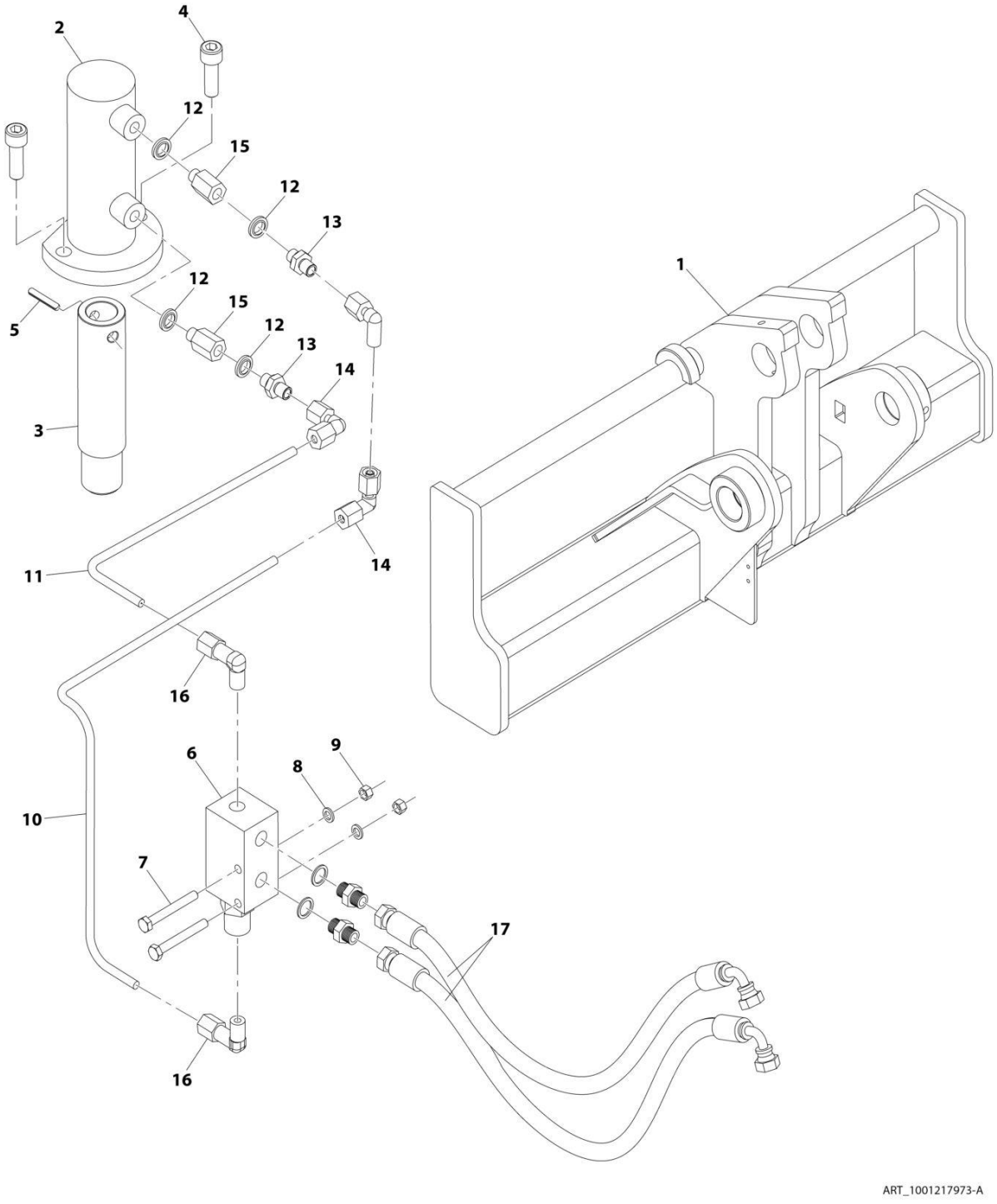


FIGURE 3-70. MERLO HYDRAULIC COUPLING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217973	Ref	Merlo hydraulic Coupling	A
1	N.S.S.	1	Weldment	
2	70028072	1	Cylinder	
3	70028073	1	Pin	
4	70028074	2	Bolt	
5	70028075	1	Plit Pin	
6	1001104960	1	Valve	
7	70028076	2	Bolt	
8	70028077	2	Washer	
9	1001103196	2	Nut , Self Locking	
10	70028427	1	Iron Pipe	
11	70028428	1	Iron Pipe	
12	70028080	4	Gasket	
13	70028429	2	Connector	
14	70028430	2	Fitting, 90 ORFS	
15	70028431	2	Connector	
16	70028432	2	Connector	
17	70028433	2	Hose	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION (74.4KW - ULS)

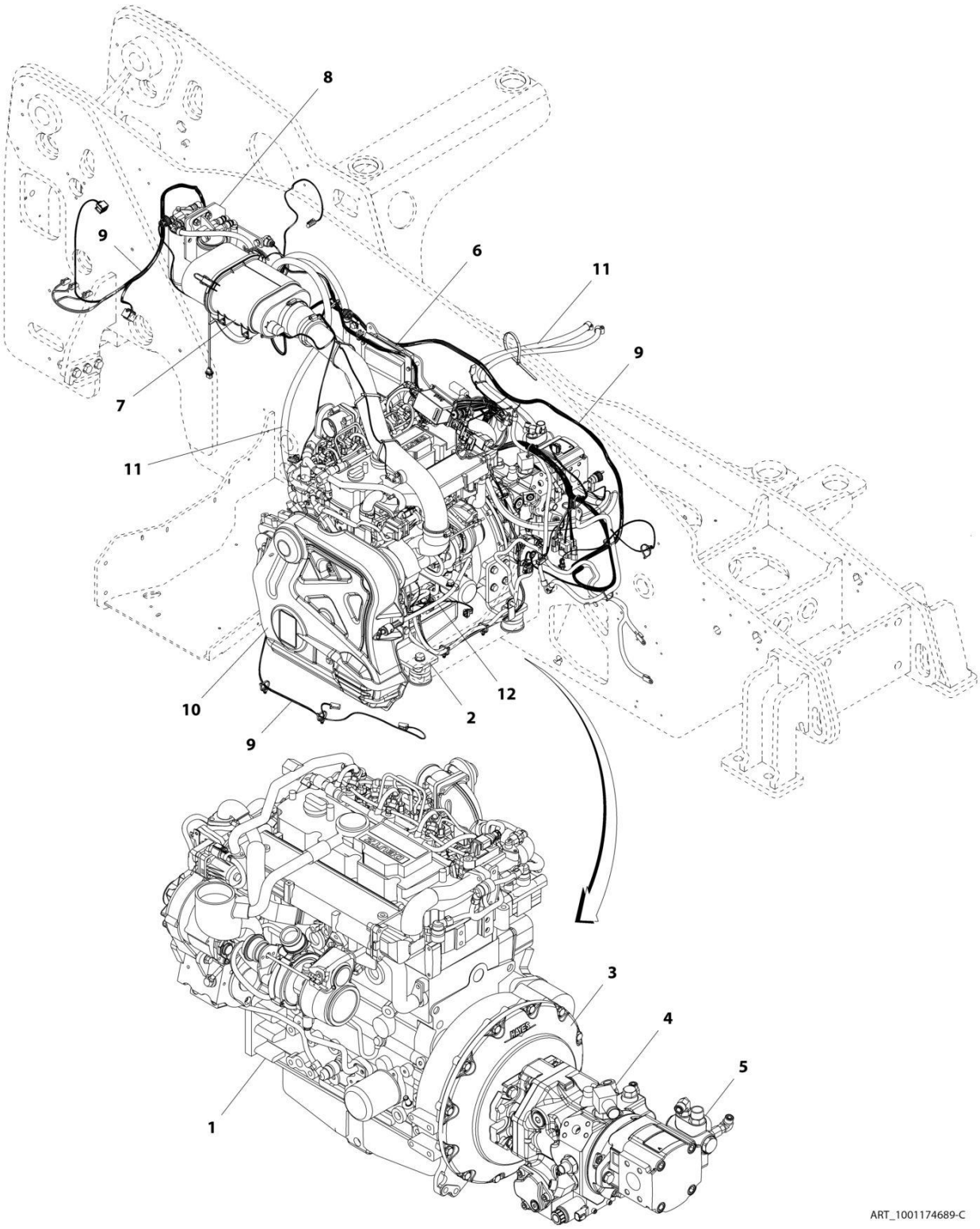


FIGURE 4-1. ENGINE INSTALLATION (74.4KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174689	Ref	Engine Installation (74.4KW - ULS)	C
1	1001171563	1	Engine, 74.4KW (ULS) (See Separate Breakdown in this Section)	
2	1001176969	Ref	Installation, Engine Mounting (See Separate Breakdown in this Section)	
3	1001178422	Ref	Installation, Transmission Hydrostatic Adapter (See Separate Breakdown in this Section)	
4	1001178926	Ref	Installation, Transmission Hydrostatic Drive Pump (See Separate Breakdown in this Section)	
5	1001178946	Ref	Installation, Implement Pump (See Separate Breakdown in this Section)	
6	1001180659	Ref	Installation, Engine ECU (See Separate Breakdown in Electrical Section)	
7	1001182044	Ref	Installation, Air Cleaner (ULS) (See Separate Breakdown in this Section)	
8	1001182163	Ref	Installation, Primary Fuel Filter (ULS) (See Separate Breakdown in this Section)	
9	1001184851	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in Electrical Section)	
10	1001186577	Ref	Installation, Pulley Cover (See Separate Breakdown in this Section)	
11	1001185190	Ref	Installation, Fuel Lines (ULS) (See Separate Breakdown in this Section)	
12	1001209433	Ref	Dipstick Installation (See Separate Breakdown in this Section)	

FIGURE 4-2. ENGINE INSTALLATION (74.4KW - LS)

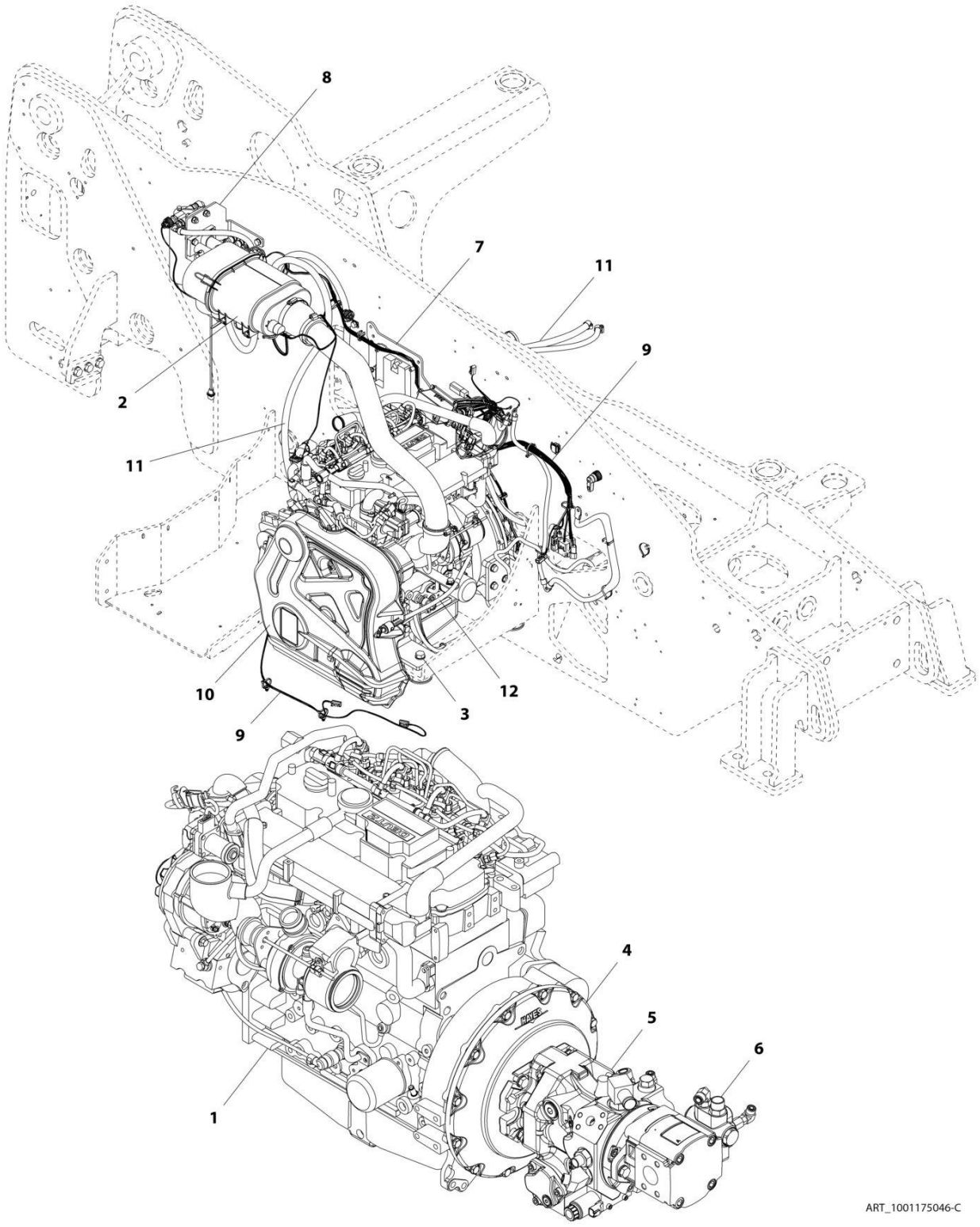


FIGURE 4-2. ENGINE INSTALLATION (74.4KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175046	Ref	Engine Installation (74.4KW - LS)	C
1	1001171565	Ref	Engine, 74.4KW (LS) (See Separate Breakdown in this Section)	
2	1001174694	Ref	Installation, Air Cleaner (LS) (See Separate Breakdown in this Section)	
3	1001176969	Ref	Installation, Engine Mounting (See Separate Breakdown in this Section)	
4	1001178422	Ref	Installation, Transmission Hydrostatic Adapter (See Separate Breakdown in this Section)	
5	1001178926	Ref	Installation, Transmission Hydrostatic Adapter (See Separate Breakdown in this Section)	
6	1001178946	Ref	Installation, Implement Pump (See Separate Breakdown in this Section)	
7	1001180678	Ref	Installation, Engine ECU (See Separate Breakdown in Electrical Section)	
8	1001182164	Ref	Installation, Primary Fuel Filter (LS) (See Separate Breakdown in this Section)	
9	1001184935	Ref	Installation, Engine Wiring (LS) (See Separate Breakdown in Electrical Section)	
10	1001186577	Ref	Installation, Pulley Cover (See Separate Breakdown in this Section)	
11	1001185191	Ref	Installation, Fuel Lines (LS) (See Separate Breakdown in this Section)	
12	1001209433	Ref	Dipstick Installation (See Separate Breakdown in this Section)	

FIGURE 4-3. ENGINE INSTALLATION (85KW - ULS)

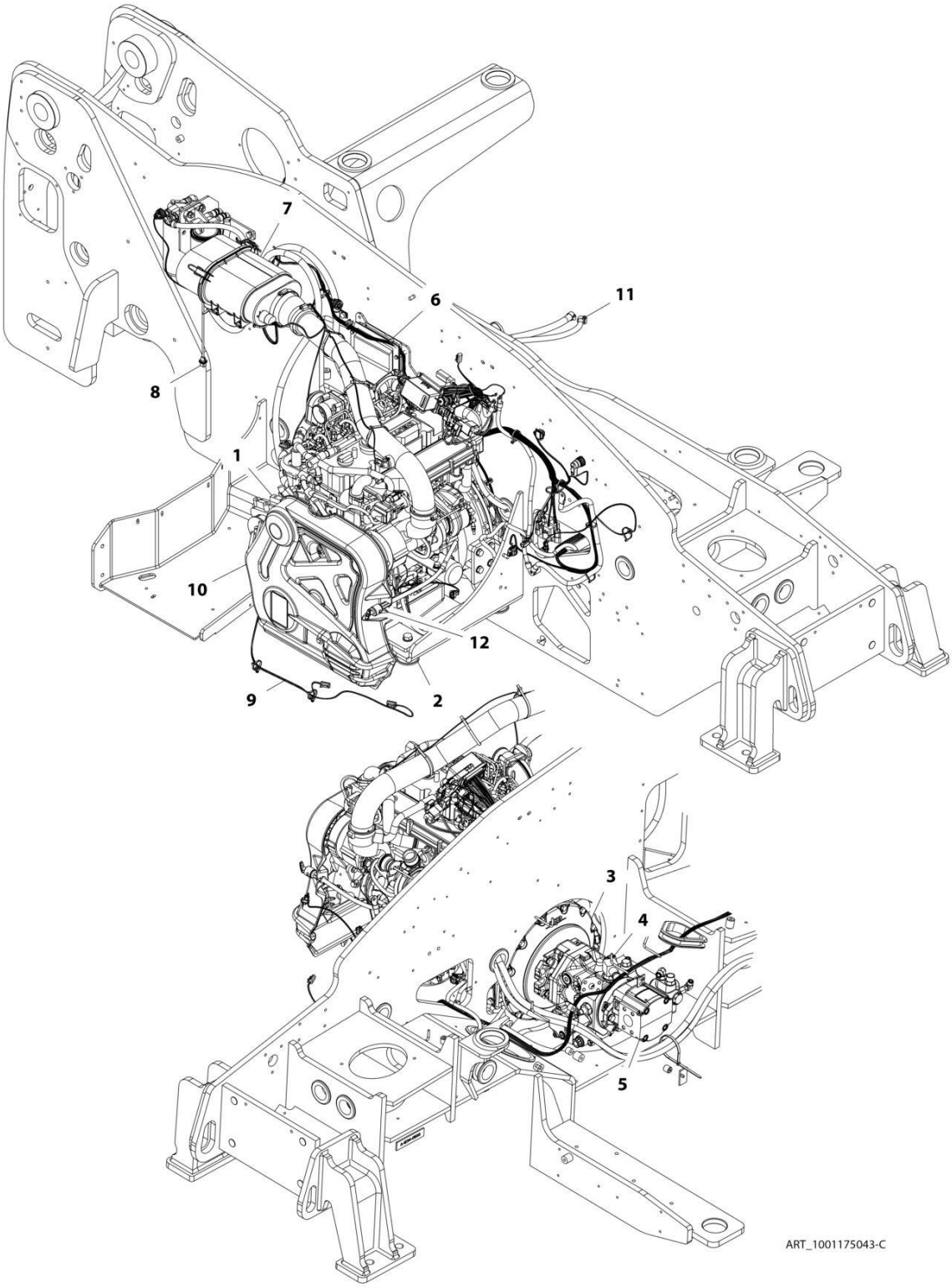


FIGURE 4-3. ENGINE INSTALLATION (85KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175043	Ref	Engine Installation (85KW - ULS)	C
1	1001171564	1	Engine, 85KW (ULS) (See Separate Breakdown in this Section)	
2	1001176969	Ref	Installation, Engine Mounting (See Separate Breakdown in this Section)	
3	1001178422	Ref	Installation, Transmission Hydrostatic Adapter (See Separate Breakdown in this Section)	
4	1001178926	Ref	Installation, Transmission Hydrostatic Drive Pump (See Separate Breakdown in this Section)	
5	1001178946	Ref	Installation, Implement Pump (See Separate Breakdown in this Section)	
6	1001180659	Ref	Installation, Engine ECU (See Separate Breakdown in Electrical Section)	
7	1001182044	Ref	Installation, Air Cleaner (ULS) (See Separate Breakdown in this Section)	
8	1001182163	Ref	Installation, Primary Fuel Filter (ULS) (See Separate Breakdown in this Section)	
9	1001184851	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in Electrical Section)	
10	1001186577	Ref	Installation, Pulley Cover (See Separate Breakdown in this Section)	
11	1001185190	Ref	Installation, Fuel Lines (ULS) (See Separate Breakdown in this Section)	
12	1001209433	Ref	Dipstick Installation (See Separate Breakdown in this Section)	

FIGURE 4-4. ENGINE INSTALLATION (85KW - LS)

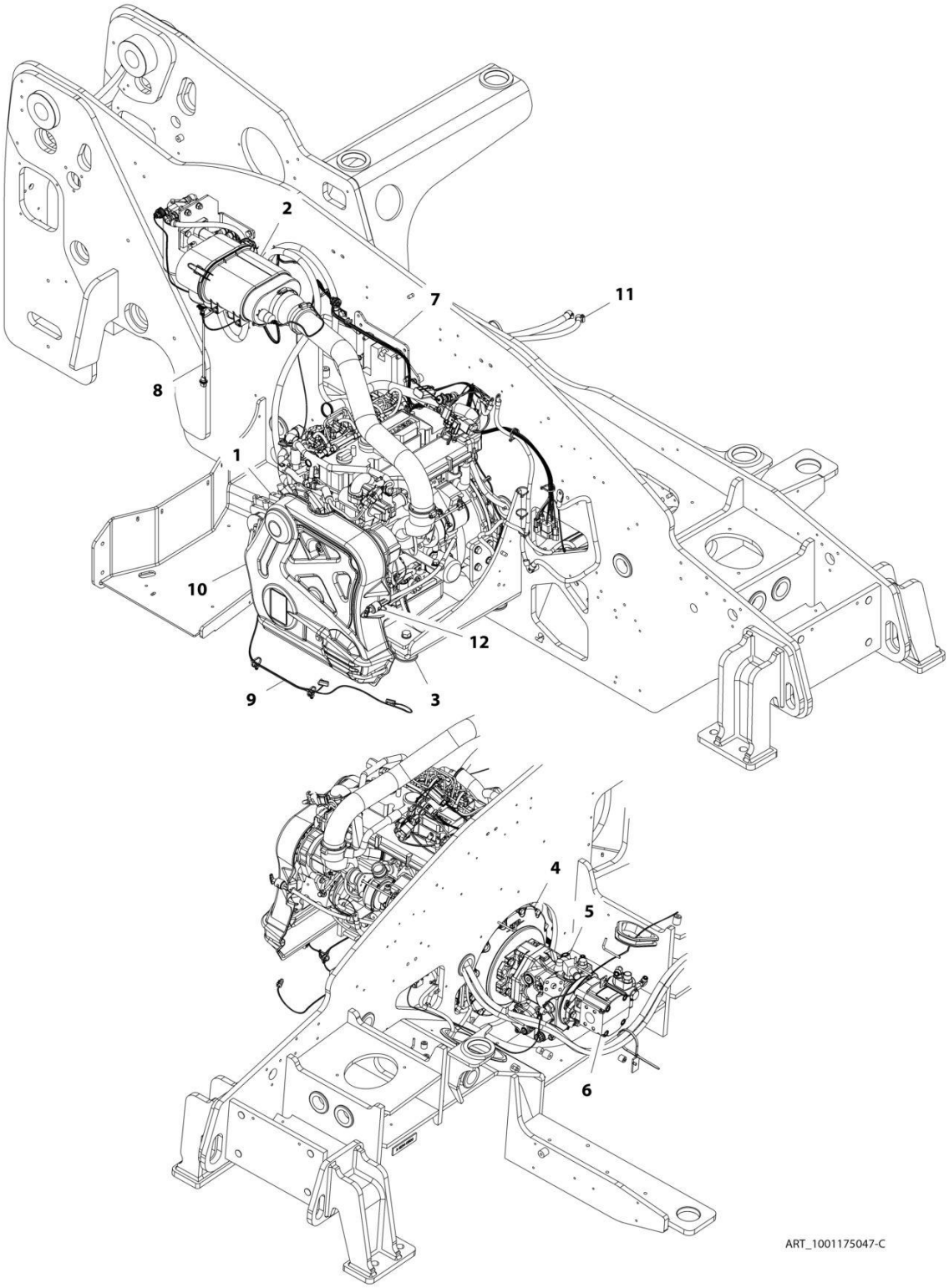


FIGURE 4-4. ENGINE INSTALLATION (85KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175047	Ref	Engine Installation (85KW - LS)	C
1	1001171566	1	Engine, 85KW (LS) (See Separate Breakdown in this Section)	
2	1001174694	Ref	Installation, Air Cleaner (LS) (See Separate Breakdown in this Section)	
3	1001176969	Ref	Installation, Engine Mounting (See Separate Breakdown in this Section)	
4	1001178422	Ref	Installation, Transmission Hydrostatic Adapter (See Separate Breakdown in this Section)	
5	1001178926	Ref	Installation, Transmission Hydrostatic Adapter (See Separate Breakdown in this Section)	
6	1001178946	Ref	Installation, Implement Pump (See Separate Breakdown in this Section)	
7	1001180678	Ref	Installation, Engine ECU (See Separate Breakdown in Electrical Section)	
8	1001182164	Ref	Installation, Primary Fuel Filter (LS) (See Separate Breakdown in this Section)	
9	1001184935	Ref	Installation, Engine Wiring (LS) (See Separate Breakdown in Electrical Section)	
10	1001186577	Ref	Installation, Pulley Cover (See Separate Breakdown in this Section)	
11	1001185191	Ref	Installation, Fuel Lines (LS) (See Separate Breakdown in this Section)	
12	1001209433	Ref	Dipstick Installation (See Separate Breakdown in this Section)	

FIGURE 4-5. ENGINE MOUNTING INSTALLATION

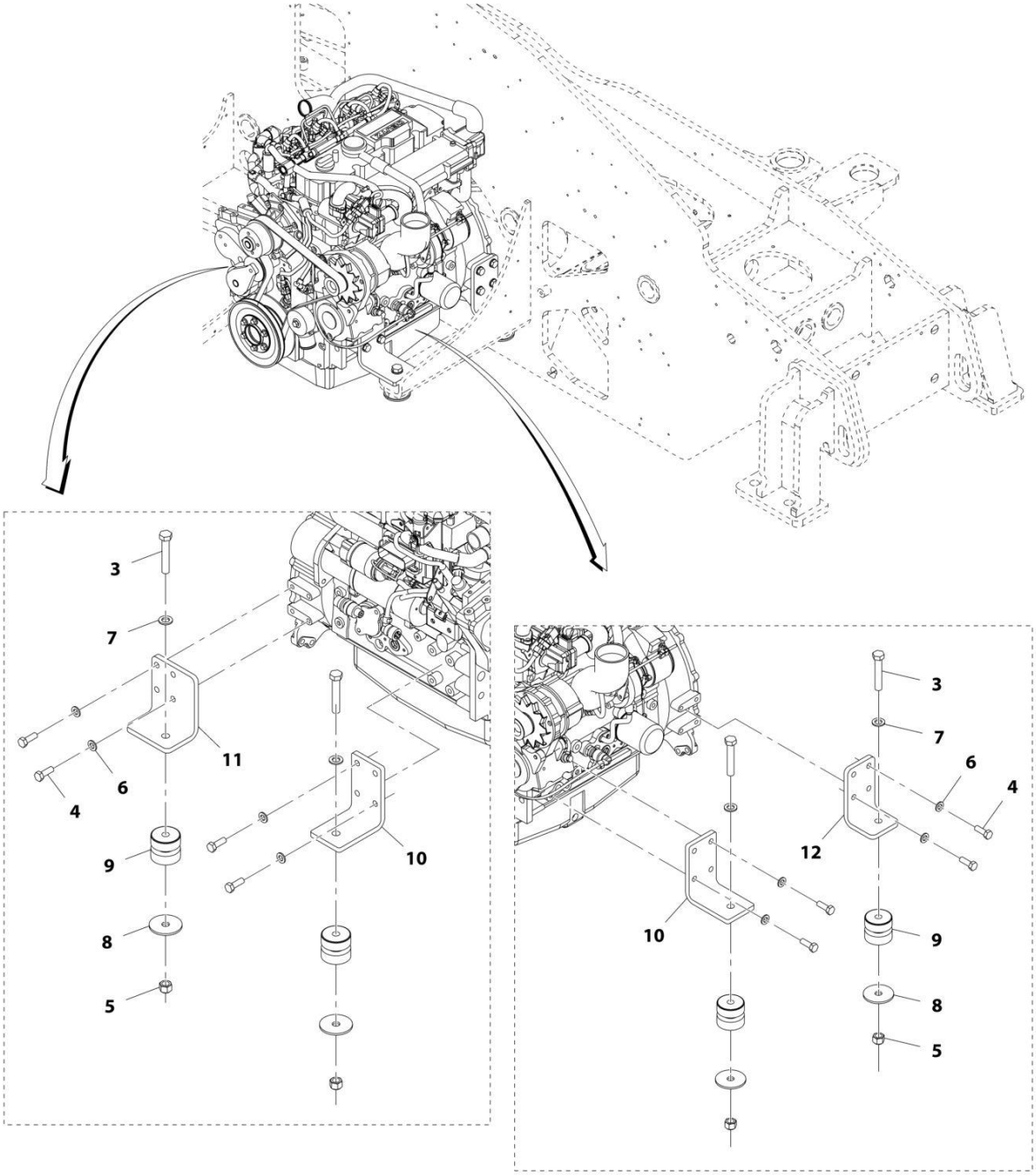


FIGURE 4-5. ENGINE MOUNTING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176969	Ref	Engine Mounting Installation	D
3	0701626	4	Bolt, M16X90	
4	0761215	16	Bolt M12X35	
5	3291605	4	Nut, Lock M16X2	
6	4812100	16	Washer, M12	
7	4812300	4	Washer, M16	
8	7300435	4	Washer	
9	1001176355	4	Mount, Engine	
10	1001175367	2	Bracket	
11	1001175369	1	Bracket	
12	1001175370	1	Bracket	

FIGURE 4-6. DIPSTICK INSTALLATION

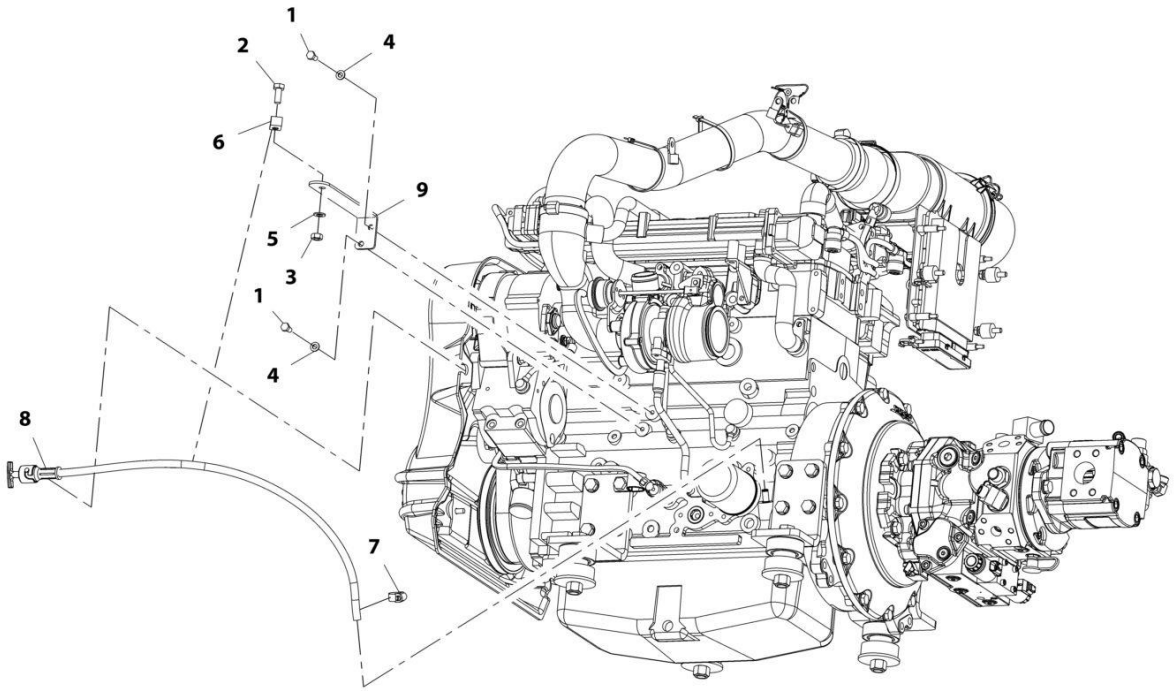
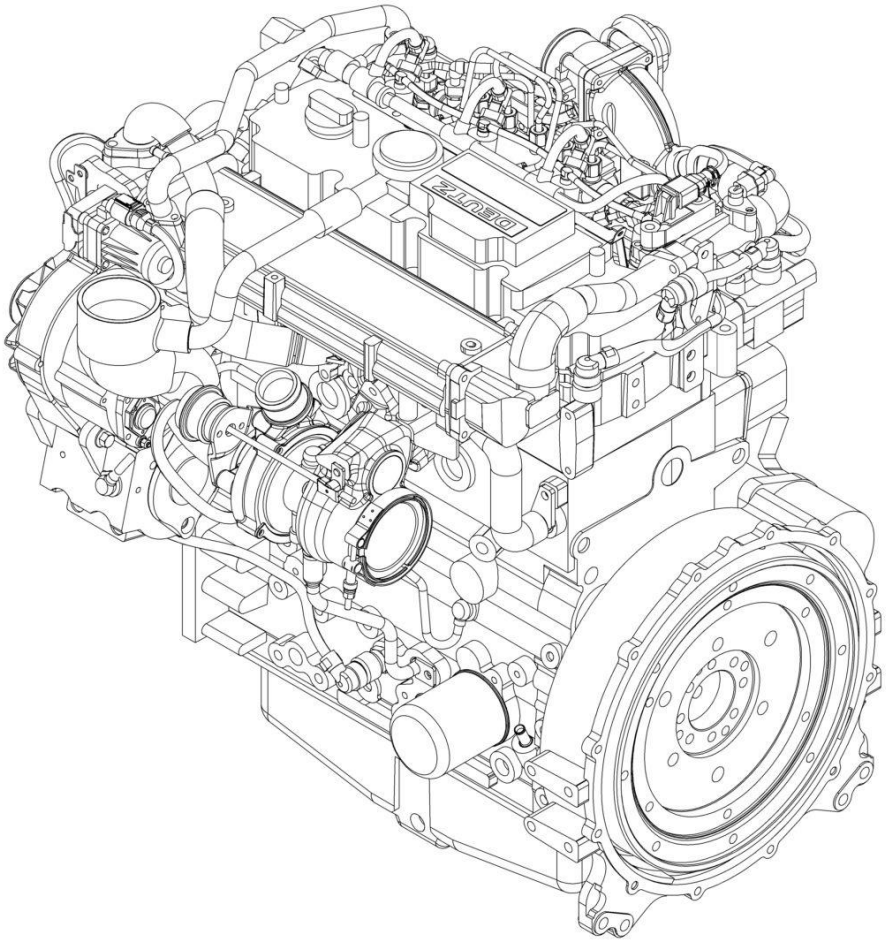


FIGURE 4-6. DIPSTICK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209433	Ref	Dipstick Installation	A
1	0760808	2	Bolt, M8X16	
2	0761012	1	Bolt, M10X25	
3	3291001	1	Nut, M10X1.5 Grade 8	
4	4811900	2	Washer, M8	
5	4812000	2	Washer, M10	
6	8406110	1	Clamp, Hose	
7	8410013	1	Clamp, Gear Hose	
8	1001188377	1	Dipstick	
9	1001206246	1	Bracket	

FIGURE 4-7. 3.6L ENGINE (85KW - ULS)

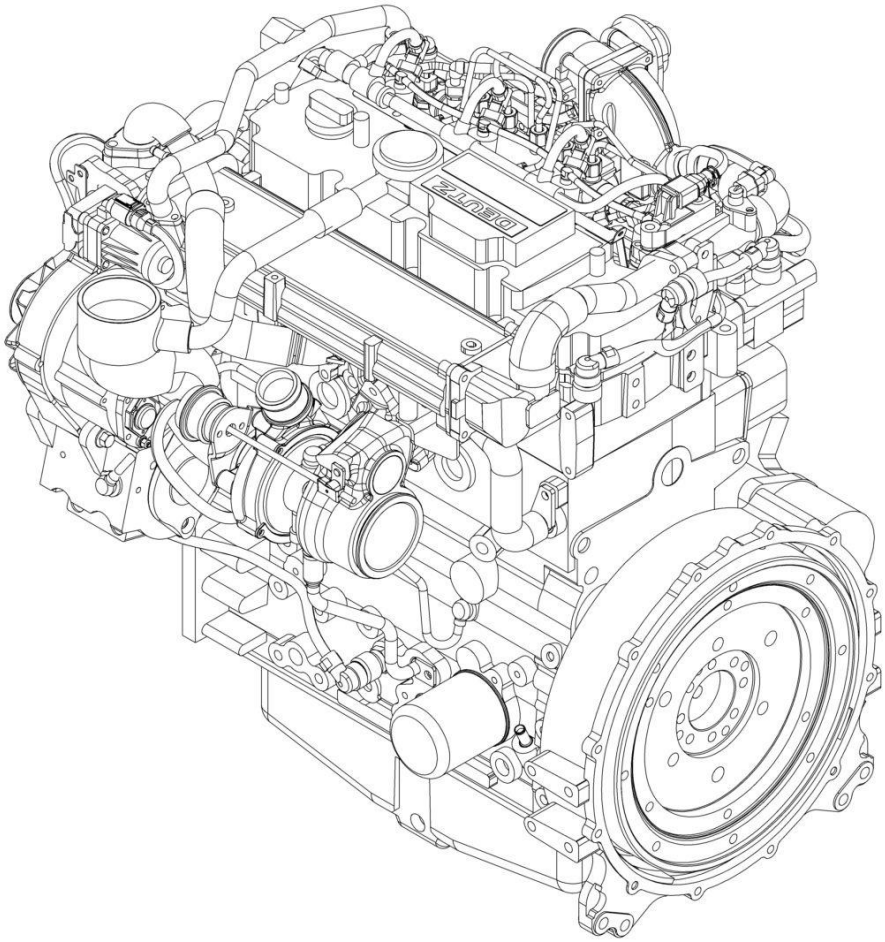


ART_1001171564-G

FIGURE 4-7. 3.6L ENGINE (85KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171564	1	3.6L Engine (85KW - ULS)	G
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal, Rotating Shaft Lip	
	7016331	1	Filter, Oil	
	70026011	1	Pump, Water	
	70005515	1	Turbocharger	
	70024480	1	Gasket	
	70024509	1	Gasket	
	70027403	1	V-Belt	
	70027404	1	Generator	
	70004520	1	Starter	
	70026210	1	Tacho-Generator	
	70005191	1	O-Ring	
	70024918	1	Sensor, Temperature	
	70024504	1	Sensor, Fuel Pressure	
	70024920	1	Seal	
	70005504	1	Sensor, Fuel Pressure	
	70005505	1	O-Seal	
	70027405	1	Sensor, Temperature	
	70005556	1	Sensor, Temperature	
	70005559	1	Sensor, Temperature	
	70005507	1	O-Seal	
	70024485	1	Injector, Fuel	
	70011901	1	Pump, High Pressure	
	70024494	1	Cooler, Oil	
	70024495	1	Gasket	

FIGURE 4-8. 3.6L ENGINE (74.4KW - ULS)

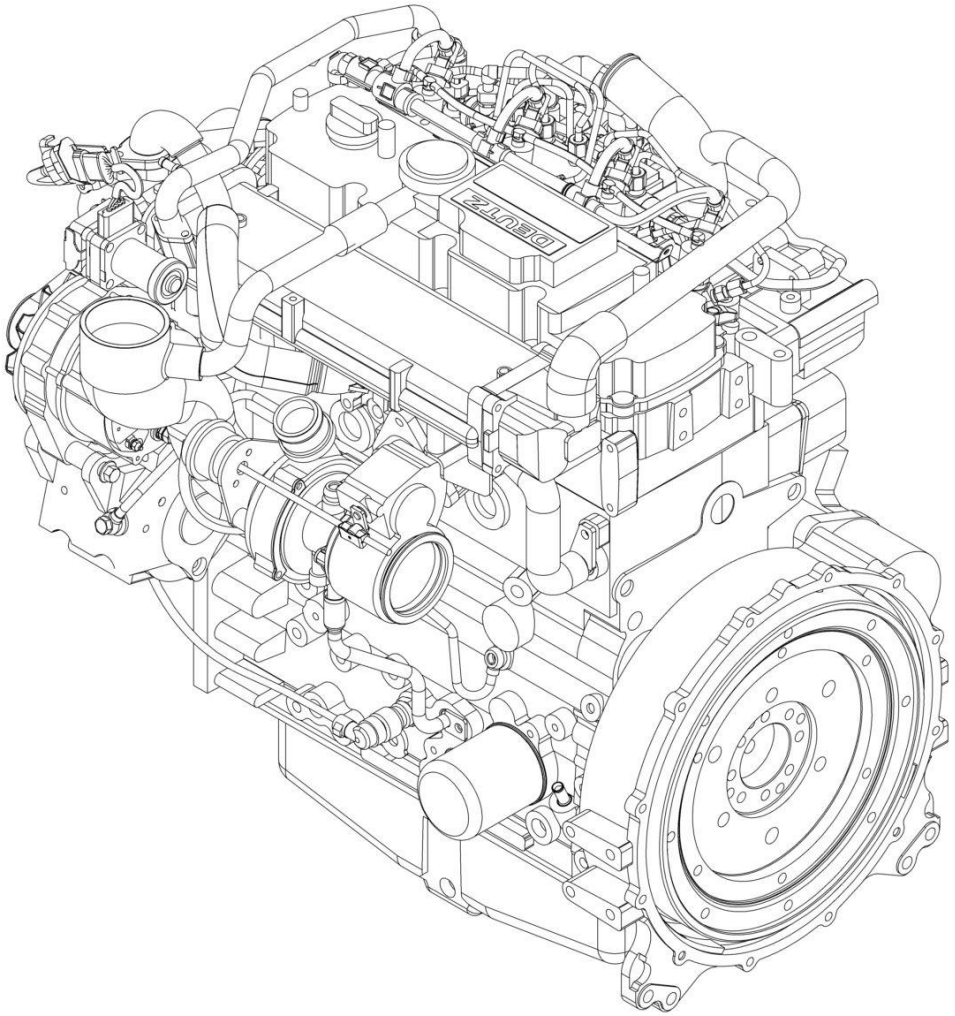


ART_1001171563-G

FIGURE 4-8. 3.6L ENGINE (74.4KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171563	1	3.6L Engine (74.4KW - ULS)	G
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal, Rotating Shaft Lip	
	7016331	1	Filter, Oil	
	70026011	1	Pump, Water	
	70005515	1	Turbocharger	
	70024480	1	Gasket	
	70024509	1	Gasket	
	70027403	1	V-Belt	
	70027404	1	Generator	
	70004520	1	Starter	
	70026210	1	Tacho-Generator	
	70005191	1	O-Ring	
	70024918	1	Sensor, Temperature	
	70024504	1	Sensor, Fuel Pressure	
	70024920	1	Seal	
	70005504	1	Sensor, Fuel Pressure	
	70005505	1	O-Seal	
	70027405	1	Sensor, Temperature	
	70005556	1	Sensor, Temperature	
	70005559	1	Sensor, Temperature	
	70005507	1	O-Seal	
	70024485	1	Injector, Fuel	
	70011901	1	Pump, High Pressure	
	70024494	1	Cooler, Oil	
	70024495	1	Gasket	
	70028538	1	Oil Pressure Switch	

FIGURE 4-9. 3.6L ENGINE (85KW - LS)

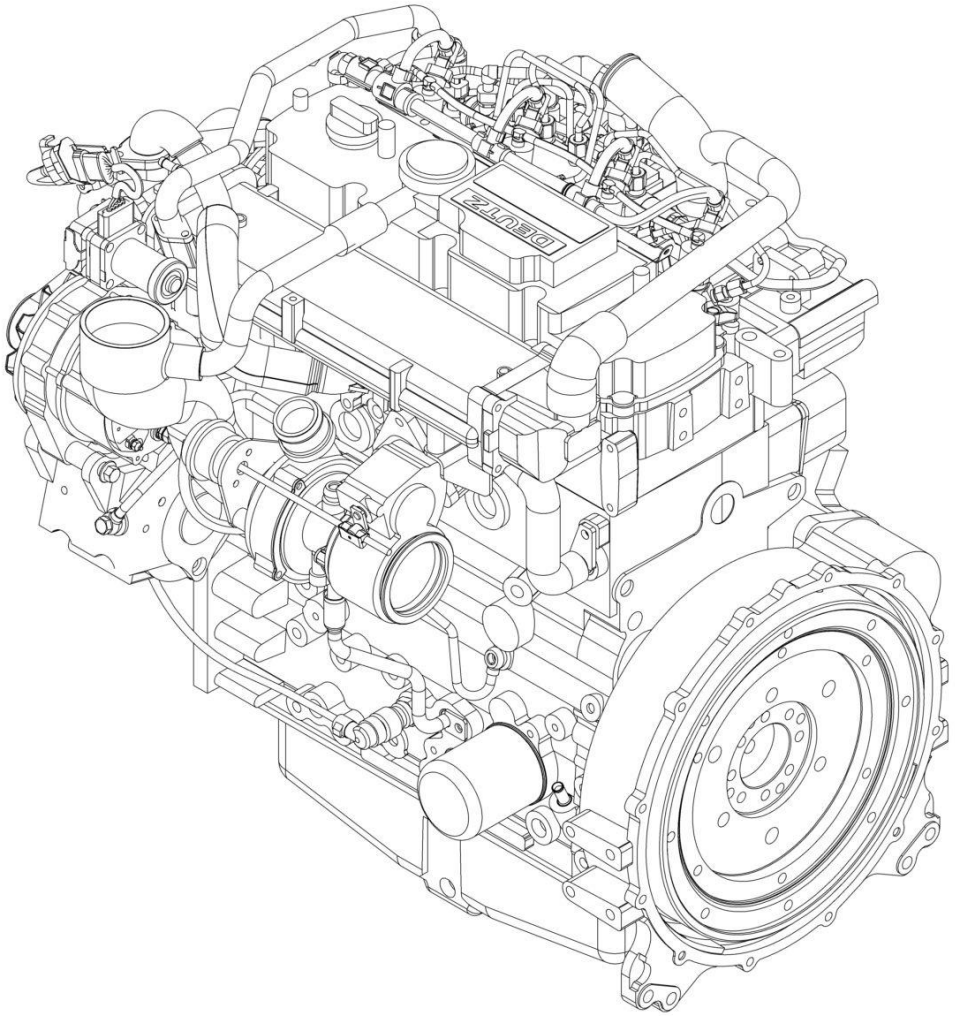


ART_1001171566-D

FIGURE 4-9. 3.6L ENGINE (85KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171566	Ref	3.6L Engine (85KW - LS)	D
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal, Rotating Shaft Lip	
	7016331	1	Filter, Oil	
	70026011	1	Pump, Water	
	70004518	1	Turbocharger	
	70024480	1	Gasket	
	70024509	1	Gasket	
	70025478	1	V-Belt	
	70025533	1	Generator	
	70004520	1	Starter	
	70026210	1	Tacho-Generator	
	70005191	1	O-Ring	
	70024918	1	Sensor, Temperature	
	70024504	1	Sensor, Fuel Pressure	
	70024920	1	Seal	
	70024485	1	Injector, Fuel	
	70011901	1	Pump, High Pressure	
	70024494	1	Cooler, Oil	
	70024495	1	Gasket	

FIGURE 4-10. 3.6L ENGINE (74.4KW - LS)



ART_1001171565-E

FIGURE 4-10. 3.6L ENGINE (74.4KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171565	1	3.6L Engine (74.4KW - LS)	E
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal, Rotating Shaft Lip	
	7016331	1	Filter, Oil	
	70026011	1	Pump, Water	
	70004518	1	Turbocharger	
	70024480	1	Gasket	
	70024509	1	Gasket	
	70025478	1	V-Belt	
	70025533	1	Generator	
	70004520	1	Starter	
	70026210	1	Tacho-Generator	
	70005191	1	O-Ring	
	70024918	2	Sensor, Temperature	
	70024504	1	Sensor, Fuel Pressure	
	70024920	1	Seal	
	70024485	1	Injector, Fuel	
	70011901	1	Pump, High Pressure	
	70024494	1	Cooler, Oil	
	70024495	1	Gasket	

FIGURE 4-11. FUEL LINES INSTALLATION (ULS)

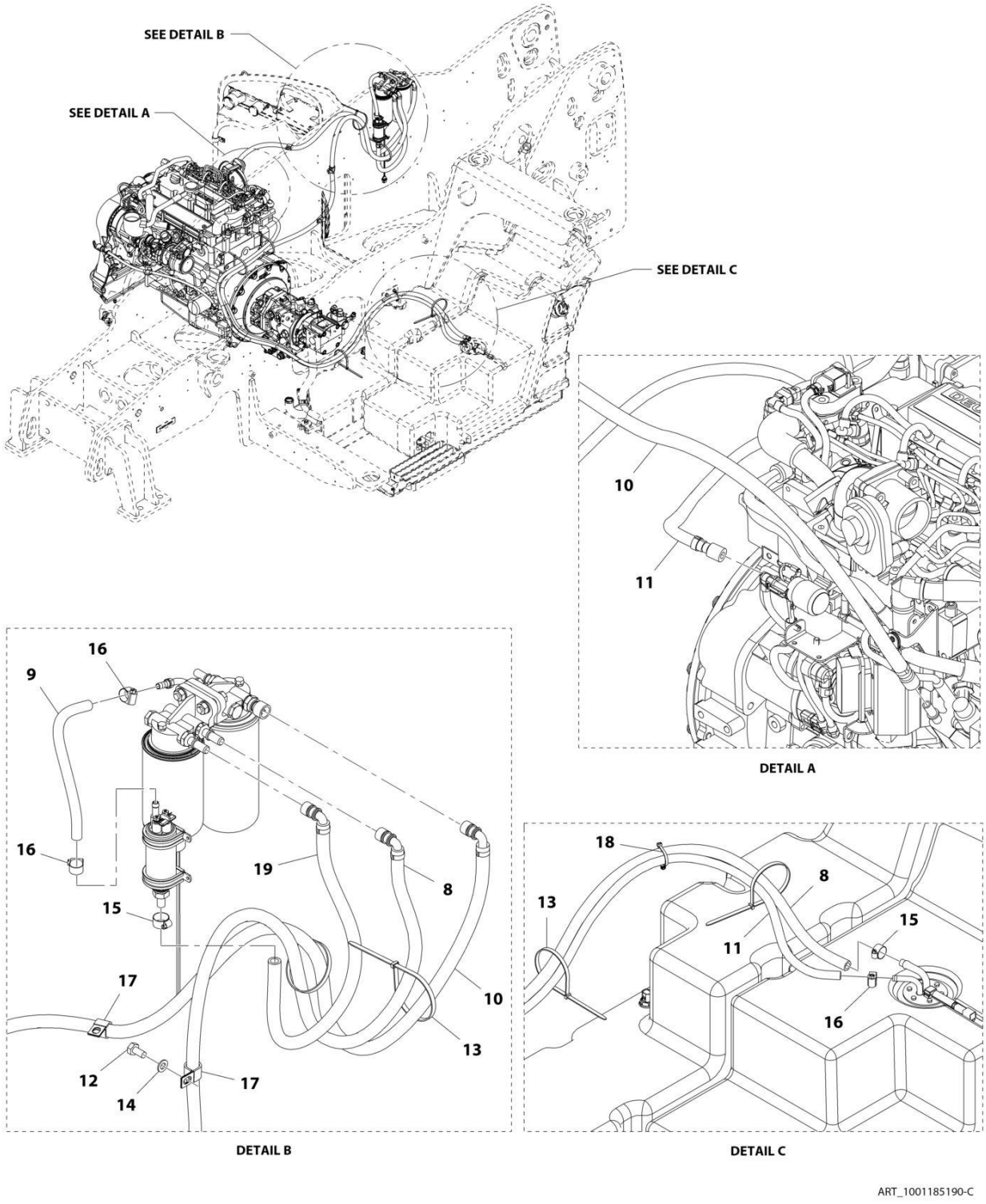


FIGURE 4-11. FUEL LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185190	Ref	Fuel Lines Installation (ULS)	C
8	1001214665	1	Hose	
9	1001200188	1	Hose	
10	1001200189	1	Hose	
11	1001200193	1	Hose	
12	0761010	1	Bolt, M10X20	
13	1062255	AR	Strap, Tie	
14	4812000	1	Washer, M10	
15	8405006	2	Gear, Clamp	
16	8410013	3	Gear, Clamp	
17	1001004144	2	Clip	
18	1001146588	1	Strap, Cable	
19	1001214666	1	Hose	

FIGURE 4-12. FUEL LINES INSTALLATION (LS)

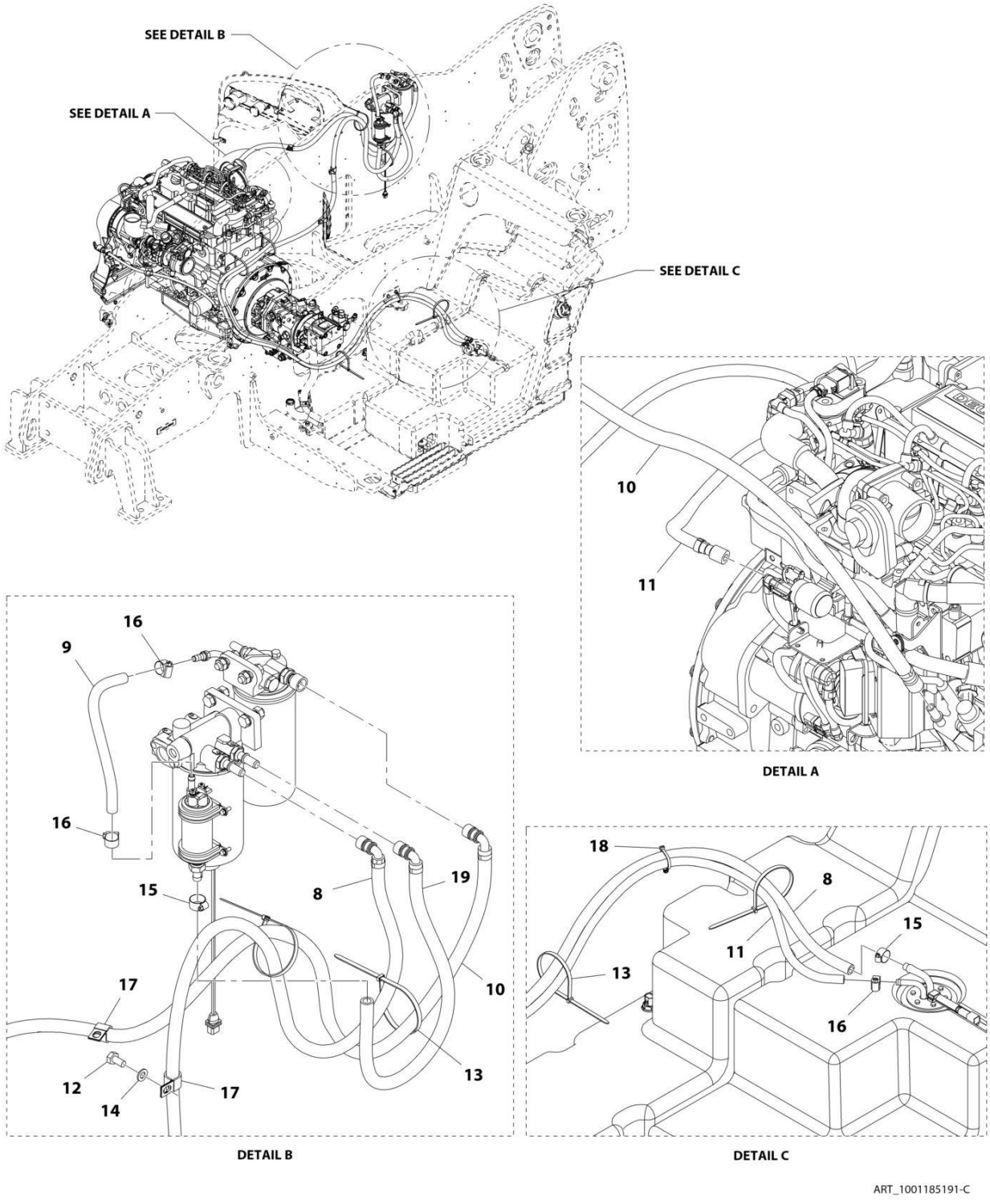
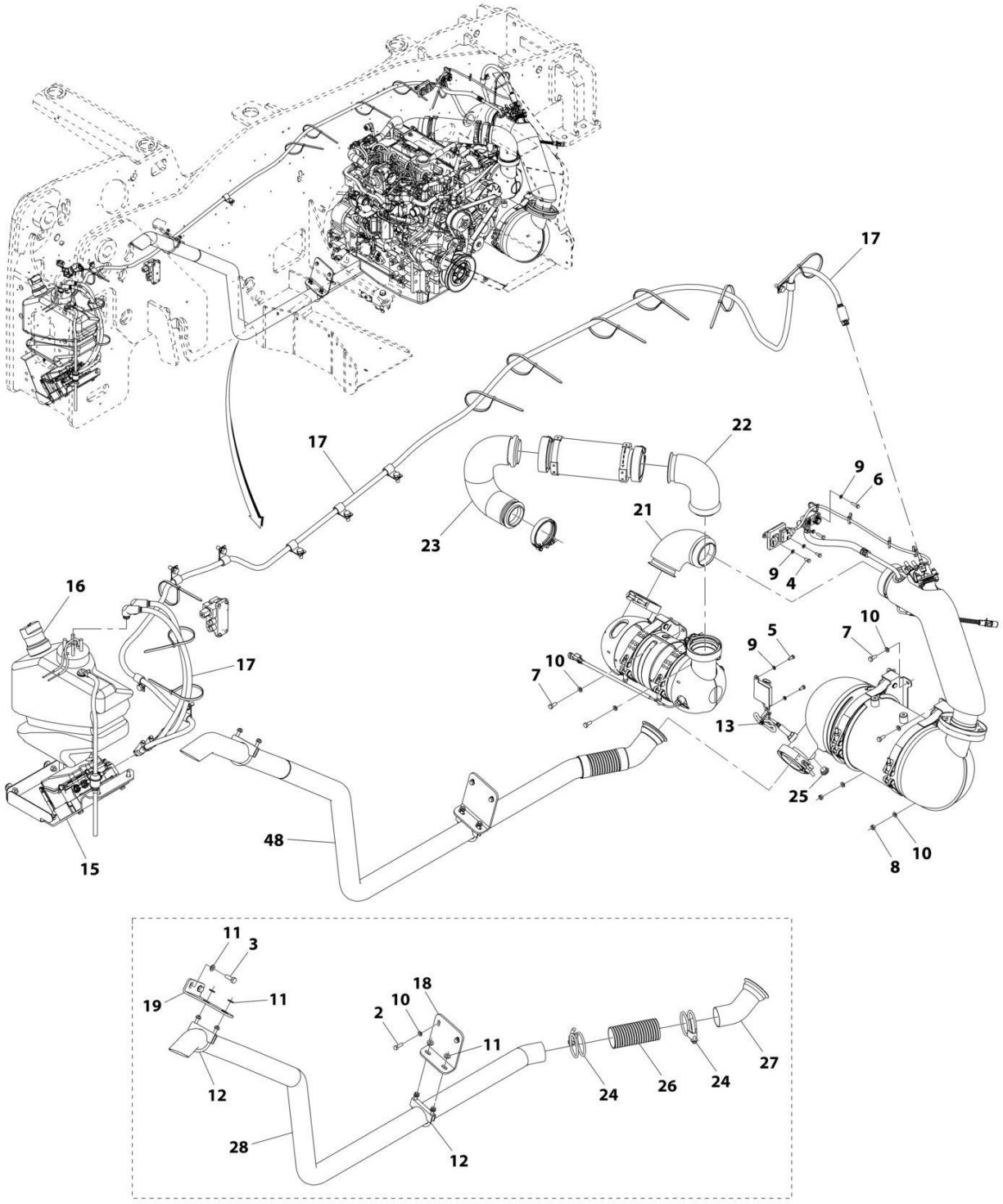


FIGURE 4-12. FUEL LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185191	Ref	Fuel Lines Installation (LS)	C
8	1001214665	1	Hose	
9	1001200188	1	Hose	
10	1001200189	1	Hose	
11	1001200193	1	Hose	
12	0761010	1	Bolt, M10X20	
13	1062255	AR	Strap, Tie	
14	4812000	1	Washer, M10	
15	8405006	2	Gear, Clamp	
16	8410013	3	Gear, Clamp	
17	1001004144	2	Clip	
18	1001146588	1	Strap, Cable	
19	1001214666	1	Hose	

FIGURE 4-13. EXHAUST INSTALLATION (ULS)



PRIOR TO SN 0160079089, EXCLUDING 0160079084, 0160079085 AND 0160079086

ART_1001174692-F

FIGURE 4-13. EXHAUST INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174692	Ref	Exhaust Installation (ULS)	F
2	0700812	2	Bolt, M8X25	
3	0701014	2	Bolt, M10X30 **(Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)**	
4	0760607	2	Bolt, M6X14	
5	0760608	2	Bolt, M6X16	
6	0760612	2	Bolt, M6X25	
7	0760810	12	Bolt, M8X20	
8	3290801	4	Nut, M8X1.25	
9	4811700	6	Washer, M6	
10	4811900	18	Washer, M8	
11	4812000	6	Washer, M10 **(Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)**	
12	8275212	2	Clamp, Exhaust	
13	1001146588	1	Strap	
15	1001182341	Ref	Installation, DEF Pump and Control (See Separate Breakdown in this Section)	
16	1001183454	Ref	Installation, DEF Tank (See Separate Breakdown in this Section)	
17	1001183807	Ref	Installation, DEF Pump Lines (See Separate Breakdown in this Section)	
18	1001184958	1	Bracket, Exhaust	
19	1001184966	1	Bracket, Tail Pipe **(Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)**	
21	1001186239	1	Pipe	
22	1001184566	1	Pipe	
23	1001184567	1	Pipe	
24	91163268	2	Clamp, Pipe **(Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)**	
25	1001171959	1	Plug	
26	1001201766	1	Pipe **(Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)**	
27	1001201927	1	Pipe **(Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)**	
28	1001202312	1	Pipe **(Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)**	
48	1001224926	1	Pipe Assembly **(SN 0160079089 to Present, Including 0160079084, 0160079085 and 0160079086)**	

FIGURE 4-14. EXHAUST INSTALLATION (LS) (Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)

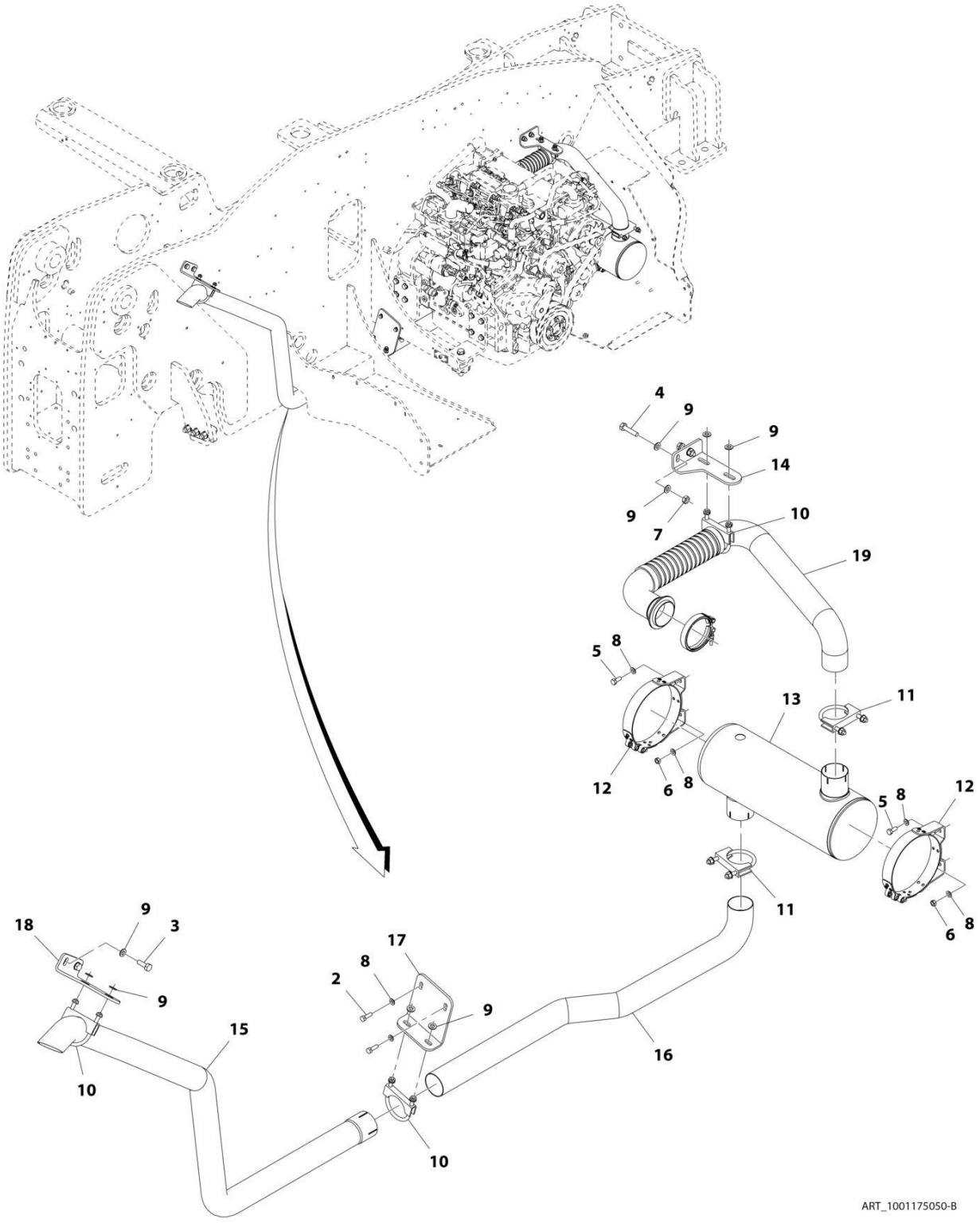


FIGURE 4-14. EXHAUST INSTALLATION (LS) (Prior to SN 0160079089, Excluding 0160079084, 0160079085 and 0160079086)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175050	Ref	Exhaust Installation (LS)	B
2	0700812	2	Bolt, M8X25	
3	0701014	2	Bolt, M10X30	
4	0701017	2	Bolt, M10X45	
5	0760810	2	Bolt, M8X20	
6	3290801	2	Nut, M8X1.25	
7	3291001	2	Nut, M10X1.5	
8	4811900	6	Washer, M8	
9	4812000	12	Washer, M10	
10	8275212	3	Clamp, Exhaust	
11	1001111116	2	Clamp, Exhaust	
12	1001119727	2	Clamp, Exhaust	
13	1001151432	Ref	Installation, Muffler (See Separate Breakdown in this Section)	
14	1001162281	1	Pipe, Exhaust	
15	1001181702	1	Pipe, Exhaust	
16	1001184724	1	Pipe, Exhaust	
17	1001184958	1	Pipe, Exhaust	
18	1001184966	1	Bracket, Tail Pipe	
19	1001181813	1	Pipe, Exhaust	

FIGURE 4-15. EXHAUST INSTALLATION (LS) (SN 0160079089 to Present, Including 0160079084, 0160079085 and 0160079086)

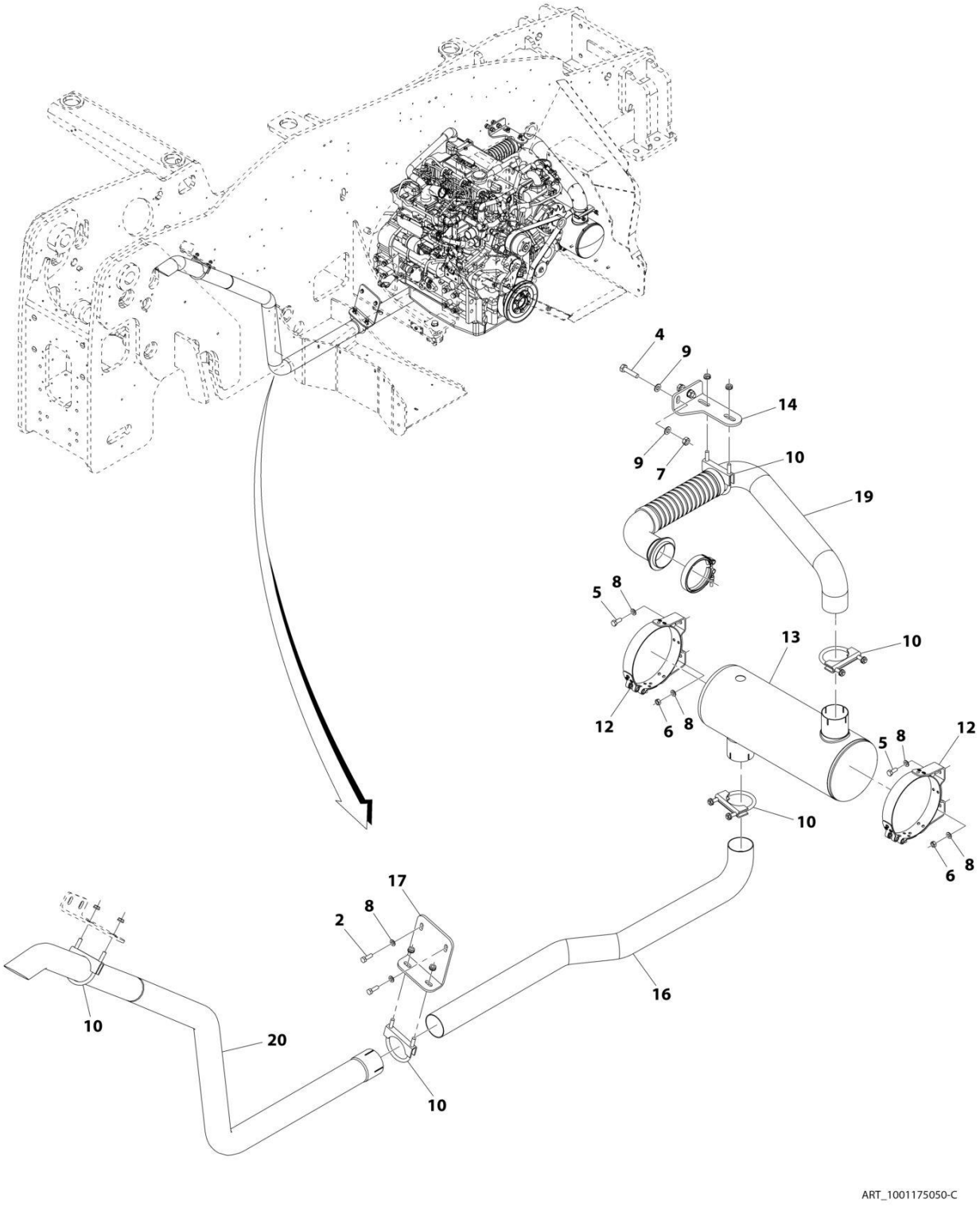


FIGURE 4-15. EXHAUST INSTALLATION (LS) (SN 0160079089 to Present, Including 0160079084, 0160079085 and 0160079086)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175050	1	Exhaust Installation (LS)	C
2	0700812	2	Bolt, M8X25	
4	0701017	2	Bolt, M10X45	
5	0760810	2	Bolt, M8X20	
6	3290801	2	Nut, M8X1.25	
7	3291001	2	Nut, M10X1.5	
8	4811900	6	Washer, M8	
9	4812000	4	Washer, M10	
10	8275212	5	Clamp, Exhaust	
12	1001119727	2	Clamp, Exhaust	
13	1001151432	Ref	Installation, Muffler (See Separate Breakdown in this Section)	
14	1001162281	1	Pipe, Exhaust	
16	1001184724	1	Pipe, Exhaust	
17	1001184958	1	Pipe, Exhaust	
19	1001181813	1	Pipe, Exhaust	
20	1001225168	1	Pipe, Exhaust	

FIGURE 4-16. ENGINE PARTS INSTALLATION (NO A/C)

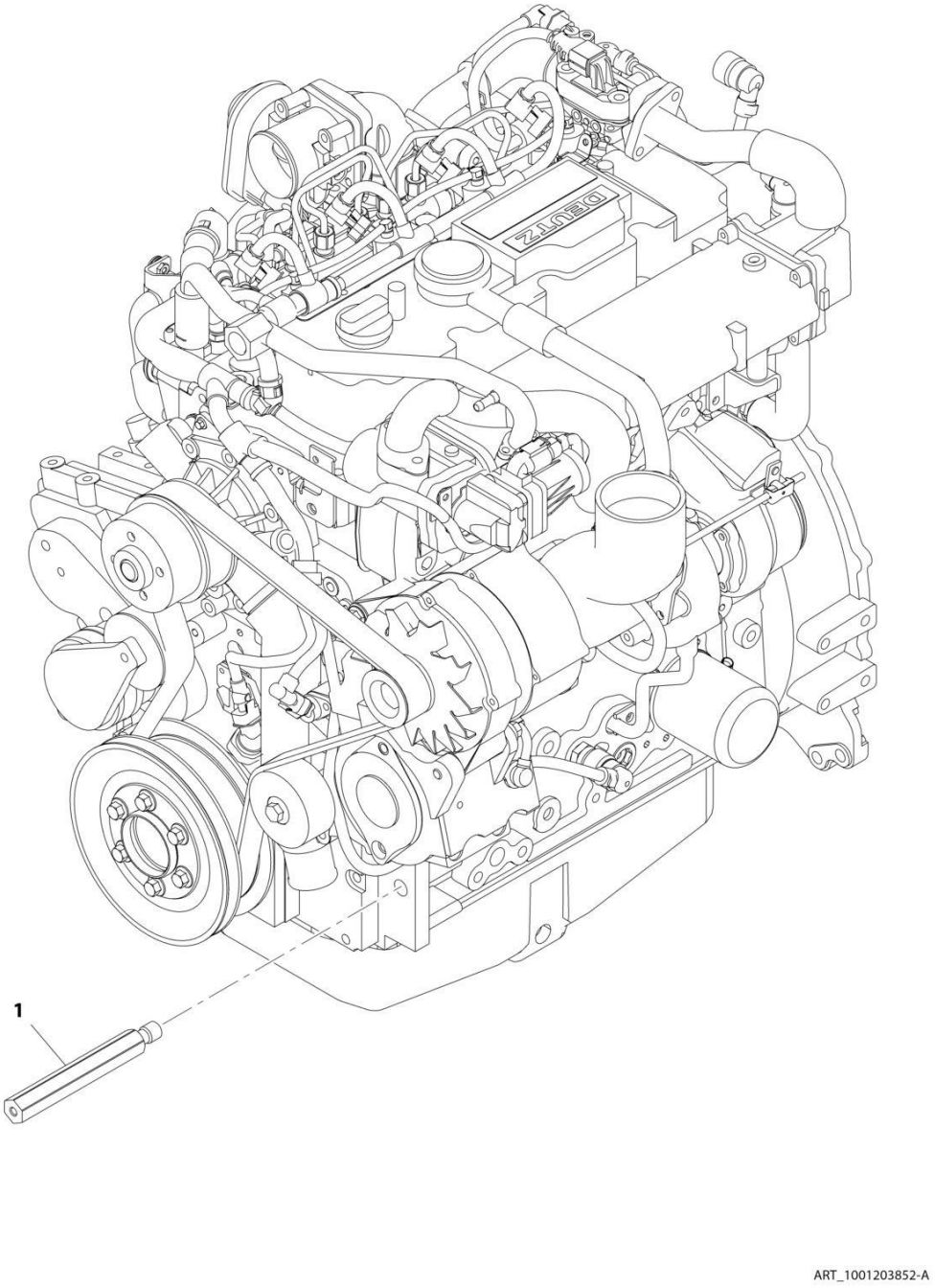


FIGURE 4-16. ENGINE PARTS INSTALLATION (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203852	Ref	Engine Parts Installation (No A/C)	A
1	1001206356	1	Brace, Pulley Cover	

FIGURE 4-17. COOLING PACKAGE INSTALLATION (ULS)

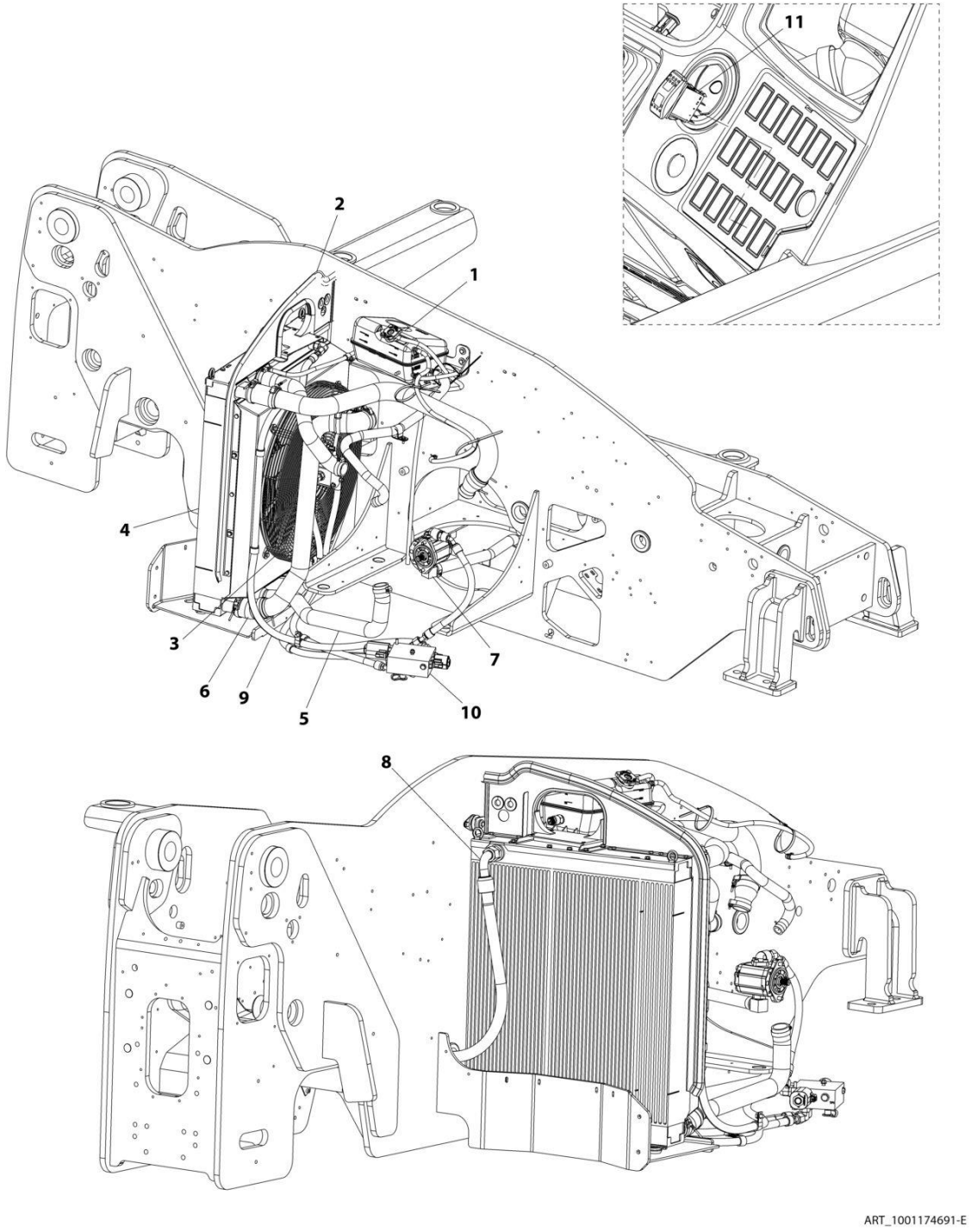


FIGURE 4-17. COOLING PACKAGE INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174691	Ref	Cooling Package Installation (ULS)	E
1	1001181354	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182531	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
3	1001183330	Ref	Installation, Fan (See Separate Breakdown in this Section)	
4	1001183564	Ref	Installation, Radiator Cooling Package (See Separate Breakdown in this Section)	
5	1001184446	Ref	Installation, Coolant Lines (See Separate Breakdown in this Section)	
6	1001184447	Ref	Installation, CAC Lines (ULS) (See Separate Breakdown in this Section)	
7	1001185861	Ref	Installation, Hydraulic Fan Pump (See Separate Breakdown in this Section)	
8	1001184340	Ref	Installation, Cooler Lines (See Separate Breakdown in this Section)	
9	1001185937	Ref	Installation, Fan Lines (See Separate Breakdown in this Section)	
10	1001202648	Ref	Installation, Fan Valve (See Separate Breakdown in this Section)	
11	1001145204	1	Switch	

FIGURE 4-18. COOLING PACKAGE INSTALLATION (LS)

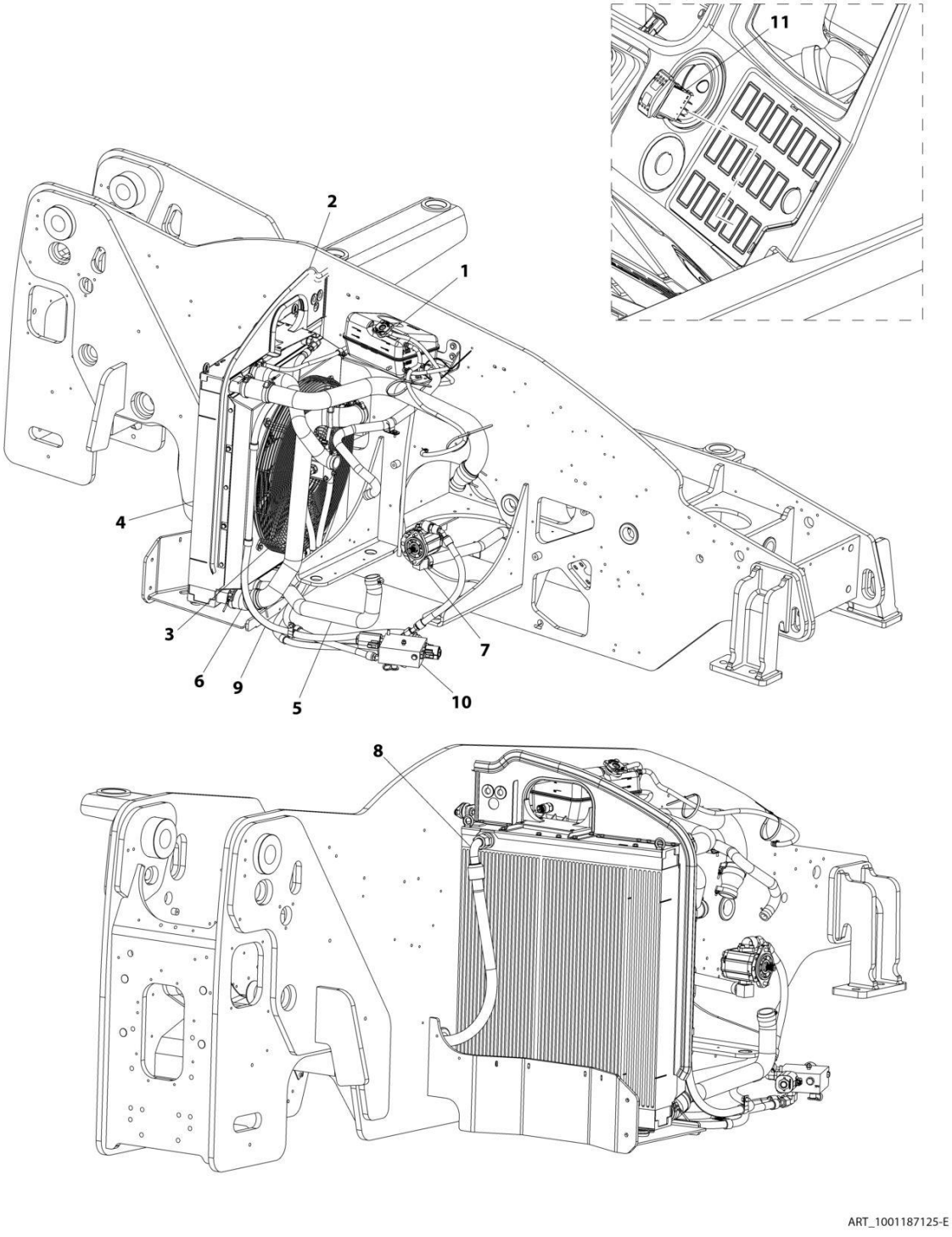


FIGURE 4-18. COOLING PACKAGE INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187125	Ref	Cooling Package Installation (LS)	E
1	1001181354	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182531	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
3	1001183330	Ref	Installation, Fan (See Separate Breakdown in this Section)	
4	1001183564	Ref	Installation, Radiator Cooling Package (See Separate Breakdown in this Section)	
5	1001184446	Ref	Installation, Coolant Lines (See Separate Breakdown in this Section)	
6	1001184448	Ref	Installation, CAC Lines (LS) (See Separate Breakdown in this Section)	
7	1001185861	Ref	Installation, Hydraulic Fan Pump (See Separate Breakdown in this Section)	
8	1001184340	Ref	Installation, Cooler Lines (See Separate Breakdown in this Section)	
9	1001185937	Ref	Installation, Fan Lines (See Separate Breakdown in this Section)	
10	1001202648	Ref	Installation, Fan Valve (See Separate Breakdown in this Section)	
11	1001145204	1	Switch	

FIGURE 4-19. RADIATOR COOLING PACKAGE INSTALLATION

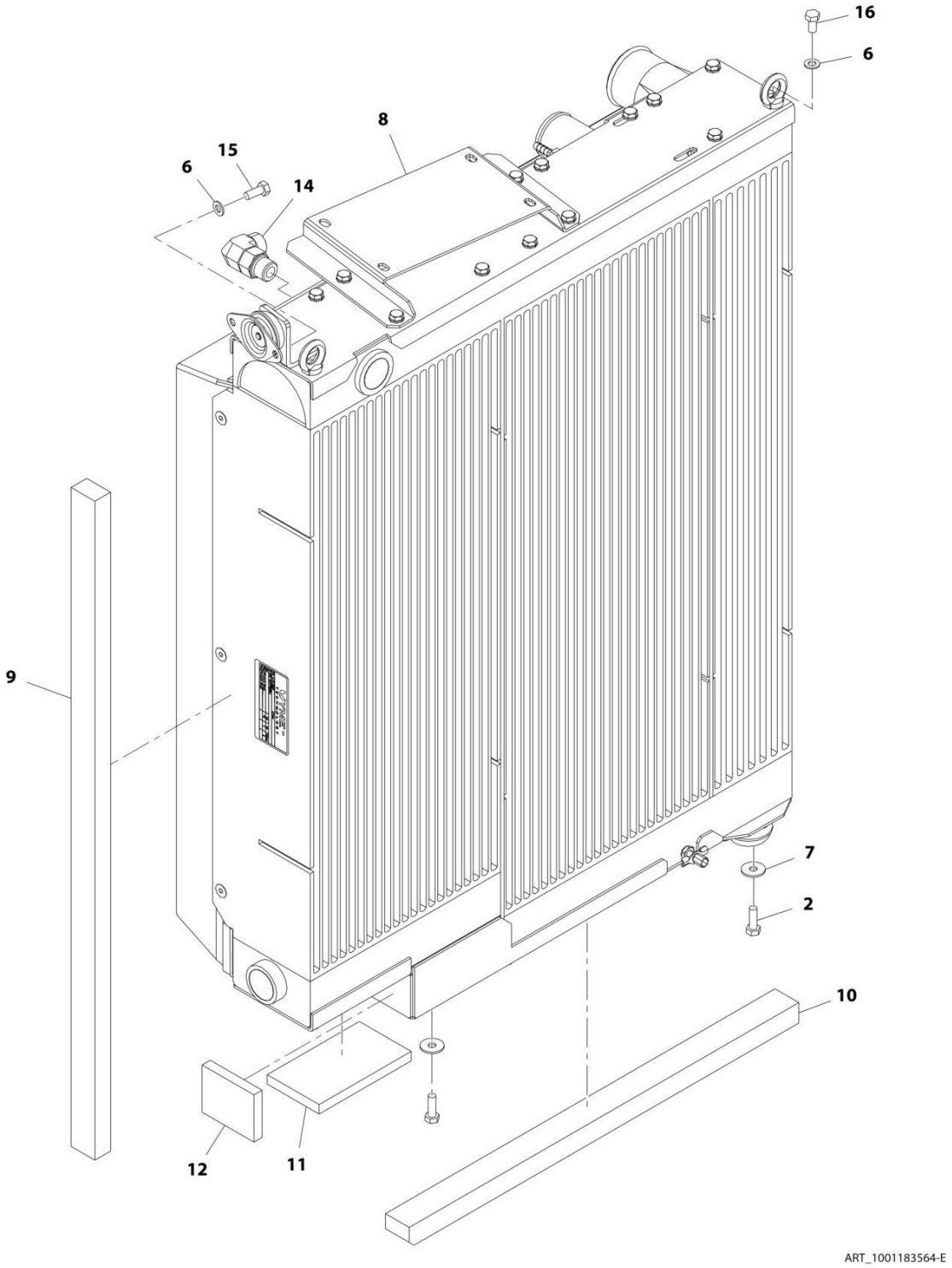


FIGURE 4-19. RADIATOR COOLING PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183564	Ref	Radiator Cooling Package Installation	E
2	0760812	2	Bolt, M8X25	
6	4811900	4	Washer, M8	
7	4811902	2	Washer, M8	
8	1001182560	1	Radiator (See Separate Breakdown in this Section)	
9	1001182993	1	Seal	
10	1001183064	1	Seal	
11	1001183102	1	Seal	
12	1001183103	1	Seal	
14	2131010	1	Fitting, 90 ORFS	
15	0760810	2	Bolt, M8X20	
16	0700808	2	Bolt, M8X16	

FIGURE 4-20. RADIATOR

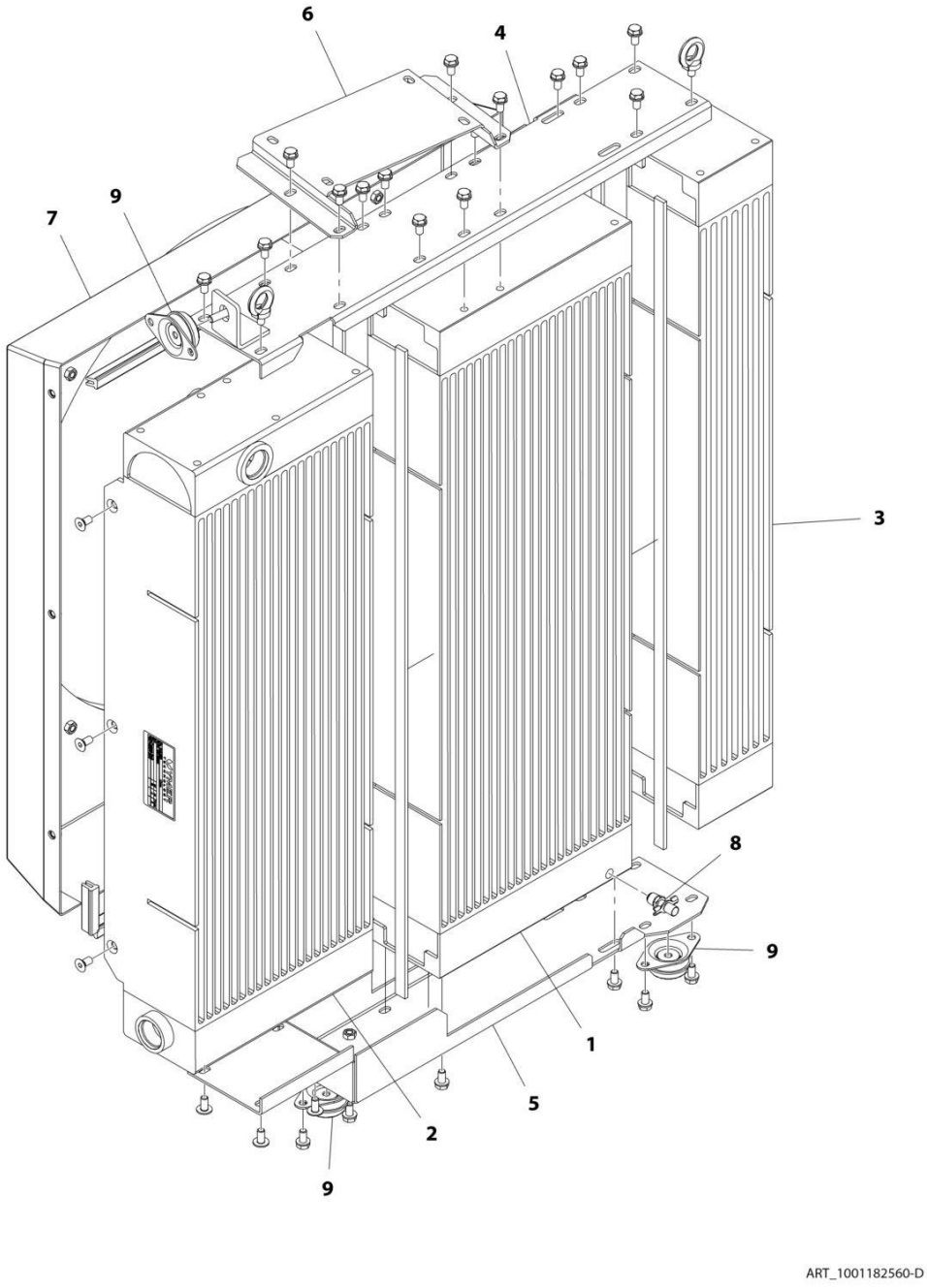


FIGURE 4-20. RADIATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182560	Ref	Radiator	D
1	70027181	1	Cooler, Water	
2	70027182	1	Cooler, Oil	
3	70027183	1	Cooler, Water	
4	70027185	1	Bracket, Mounting	
5	70027186	1	Bracket, Mounting	
6	70027187	1	Bracket, Mounting	
7	70027184	1	Shroud	
8	70025644	1	Valve, Drain	
9	1001184609	3	Mount, Isolator	

FIGURE 4-21. FAN INSTALLATION

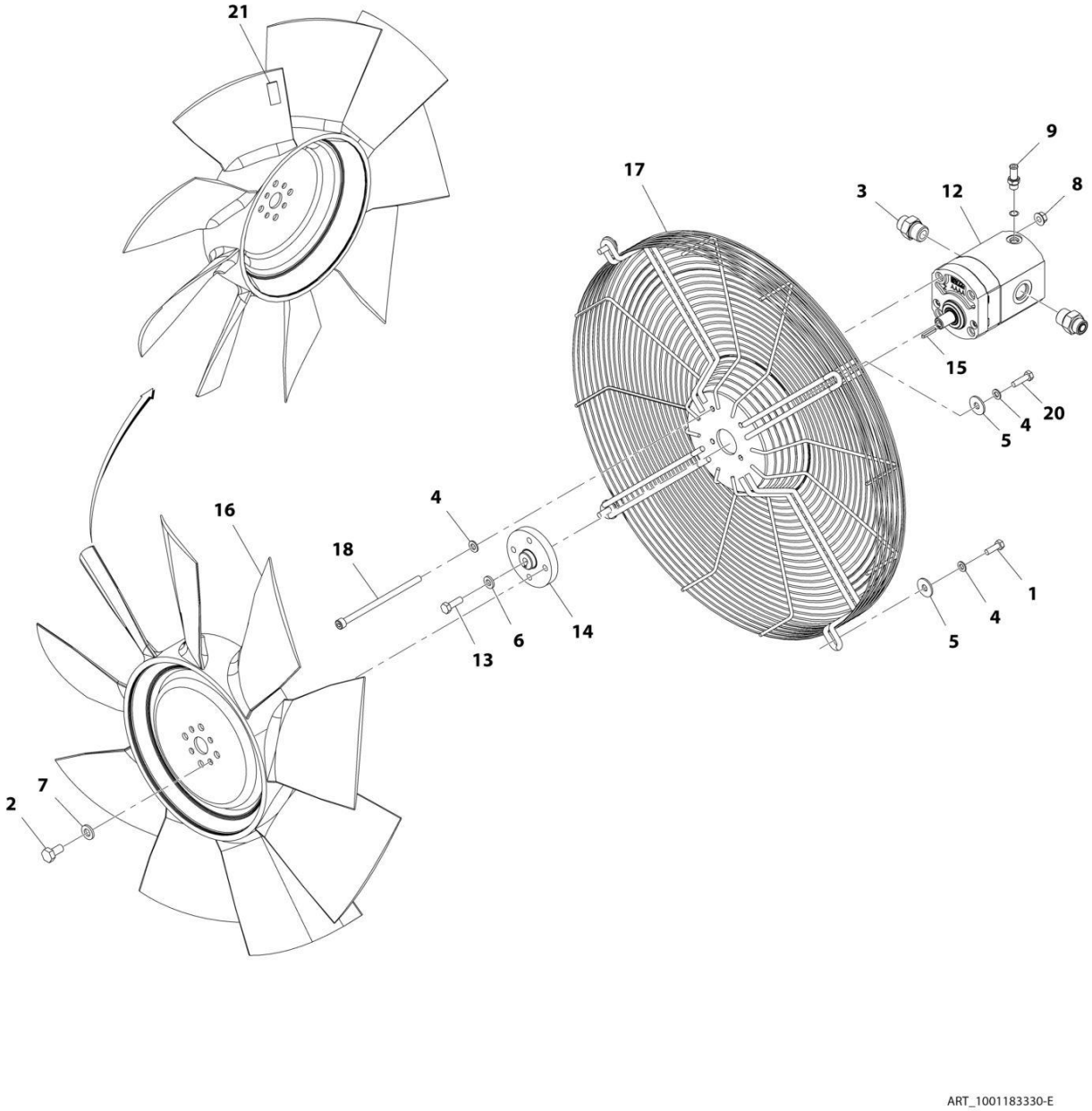


FIGURE 4-21. FAN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183330	Ref	Fan Installation	E
1	0760812	3	Bolt, M8X25	
2	0761010	4	Bolt, M10X20	
3	2110810	2	Fitting, Straight ORFS	
4	4811900	8	Washer, M8	
5	4812002	4	Washer, M10	
6	5240800	1	Washer, M8	
7	5241000	4	Washer, M10	
8	5260800	4	Nut, M8	
9	1001093401	1	Fitting, Straight ORFS	
12	1001132236	1	Motor, Fan	
13	1001139034	1	Screw	
14	1001145871	1	Adapter	
15	1001152940	1	Key, Fan Hub	
16	1001181682	1	Fan	
17	1001183329	1	Shield, Fan	
18	1001183833	4	Bolt, M8X145	
20	0760814	1	Bolt, M8X30	
21	1001222573	AR	Tape, Reflective Tape	

FIGURE 4-22. FAN LINES INSTALLATION

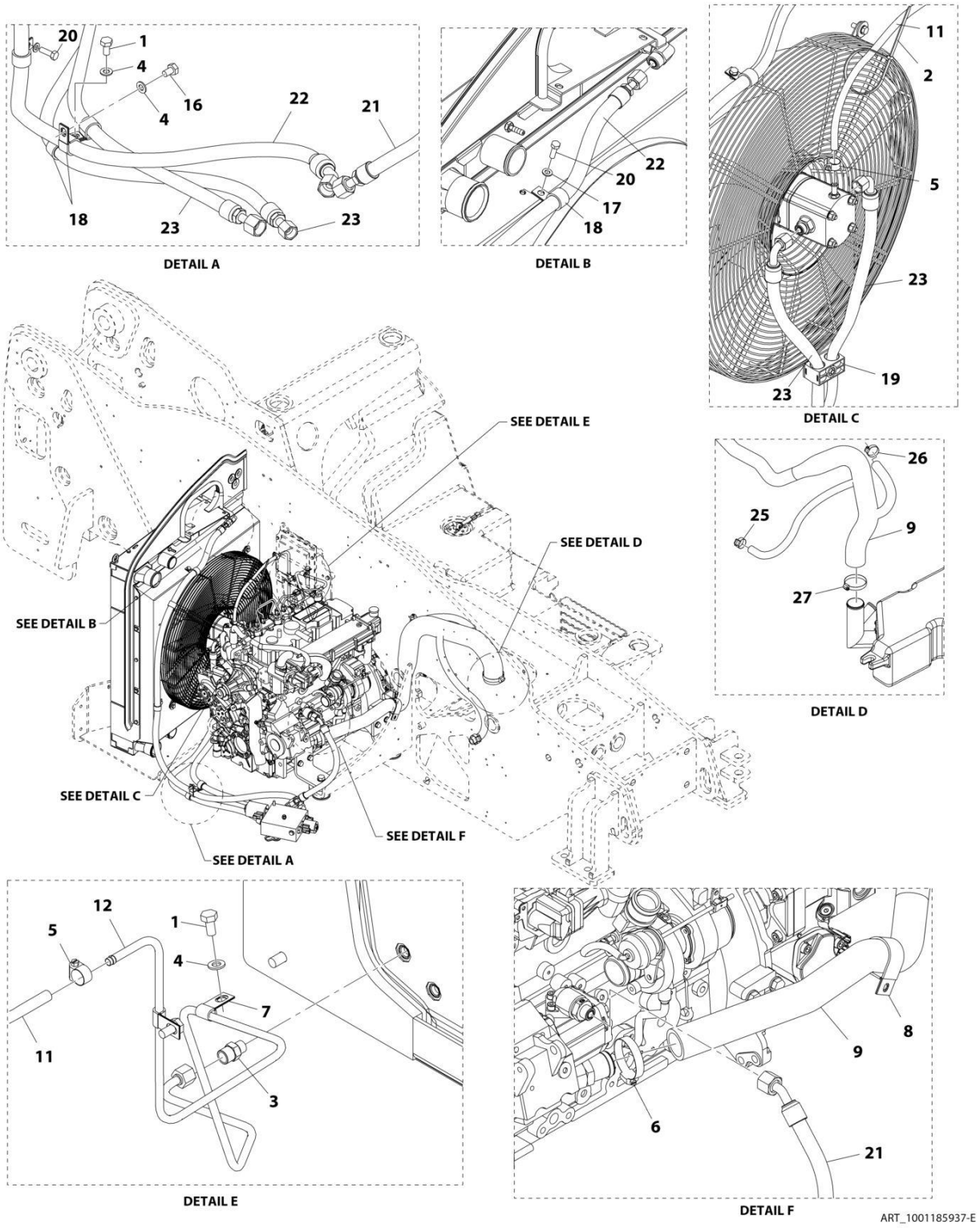


FIGURE 4-22. FAN LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185937	Ref	Fan Lines Installation	E
1	0761010	3	Bolt, M10X20	
2	1062255	1	Strap, Tie	
3	2110606	1	Fitting, Straight ORFS	
4	4812000	4	Washer, M10	
5	8410013	2	Clamp, Gear	
6	8405201	1	Clamp, Hose	
7	1001008773	2	Clip	
8	1001025902	1	Clip	
9	1001217493	1	Hose	
11	1001186261	1	Hose	
12	1001196905	1	Pipe	
16	0761008	1	Bolt, M10X16	
17	4811900	3	Washer, M8	
18	1001009384	6	Clip	
19	1001214894	1	Clamp	
20	0760812	2	Bolt, M8X14	
21	1001199856	1	Hose	
22	1001199857	1	Hose	
23	1001214892	1	Hose	
25	8405101	1	Clamp, Gear	
26	8405103	1	Clamp, Gear	
27	8405204	1	Clamp, Gear	

FIGURE 4-23. FAN VALVE INSTALLATION

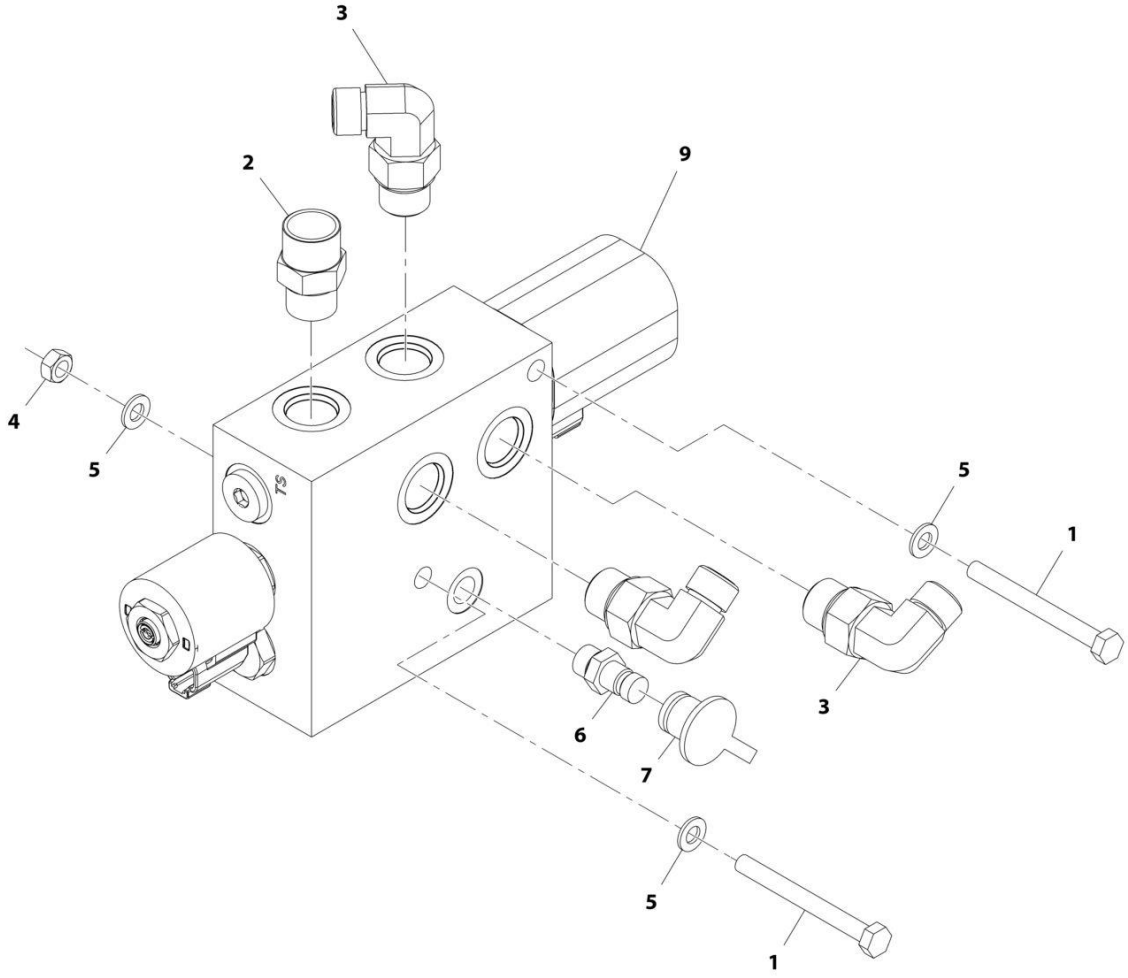


FIGURE 4-23. FAN VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202648	Ref	Fan Valve Installation	D
1	0700824	2	Bolt, M8X80	
2	2111010	1	Fitting, Straight ORFS	
3	2130810	3	Fitting, 90 ORFS	
4	3290801	1	Nut, M8X1.25	
5	4811900	3	Washer, M8	
6	1001003590	1	Fitting, Straight	
7	1001008761	1	Cap, Dust	
9	1001200907	1	Valve, Fan Motor Control	

FIGURE 4-24. PRIMARY FUEL FILTER INSTALLATION (ULS)

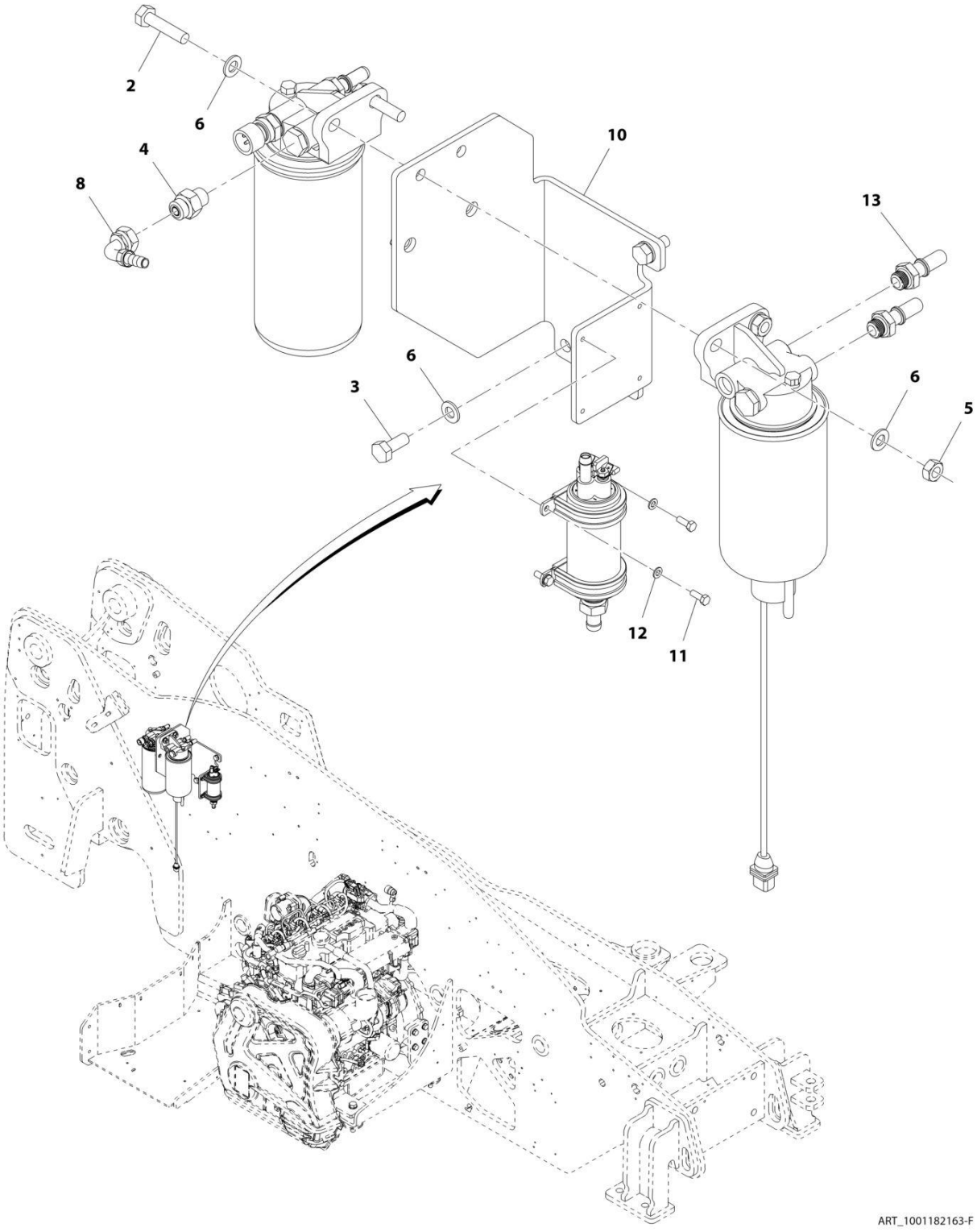


FIGURE 4-24. PRIMARY FUEL FILTER INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182163	Ref	Primary Fuel Filter Installation (ULS)	F
2	0701017	2	Bolt, M10X45	
3	0761012	3	Bolt, M10X25	
4	2144606	1	Fitting, Straight ORFS	
5	3291001	2	Nut, M10X1.5 Grade 8	
6	4812000	7	Washer, M10	
8	1001133793	1	Fitting, 90 ORFS	
10	1001186562	1	Bracket, Fuel Filter	
11	0760507	4	Bolt, M5X14	
12	4811600	4	Washer, M5	
13	1001133690	2	Coupling, M16X1.5	

FIGURE 4-25. PRIMARY FUEL FILTER INSTALLATION (LS)

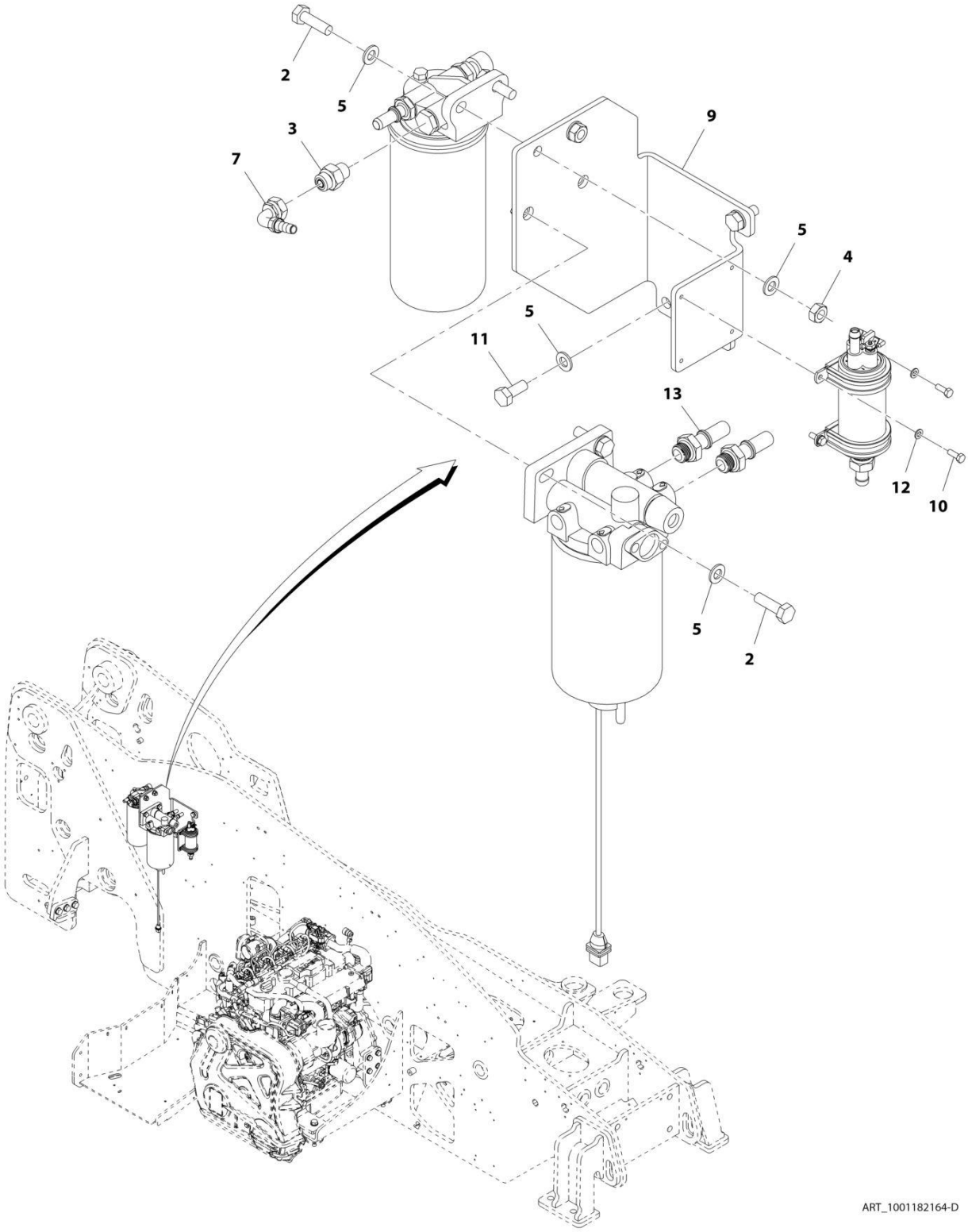


FIGURE 4-25. PRIMARY FUEL FILTER INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182164	Ref	Primary Fuel Filter Installation (LS)	D
2	0761015	4	Bolt, M10X35	
3	2144606	1	Fitting, Straight ORFS	
4	3291001	2	Nut, M10X1.5 Grade 8	
5	4812000	9	Washer, M10	
7	1001133793	1	Fitting, 90 ORFS	
9	1001186562	1	Bracket, Fuel Filter	
10	0760507	4	Bolt, M5X14	
11	0761012	3	Bolt, M10X25	
12	4811600	4	Washer, M5	
13	1001133690	2	Coupling, M16X1.5	

FIGURE 4-26. AIR CLEANER INSTALLATION (ULS)

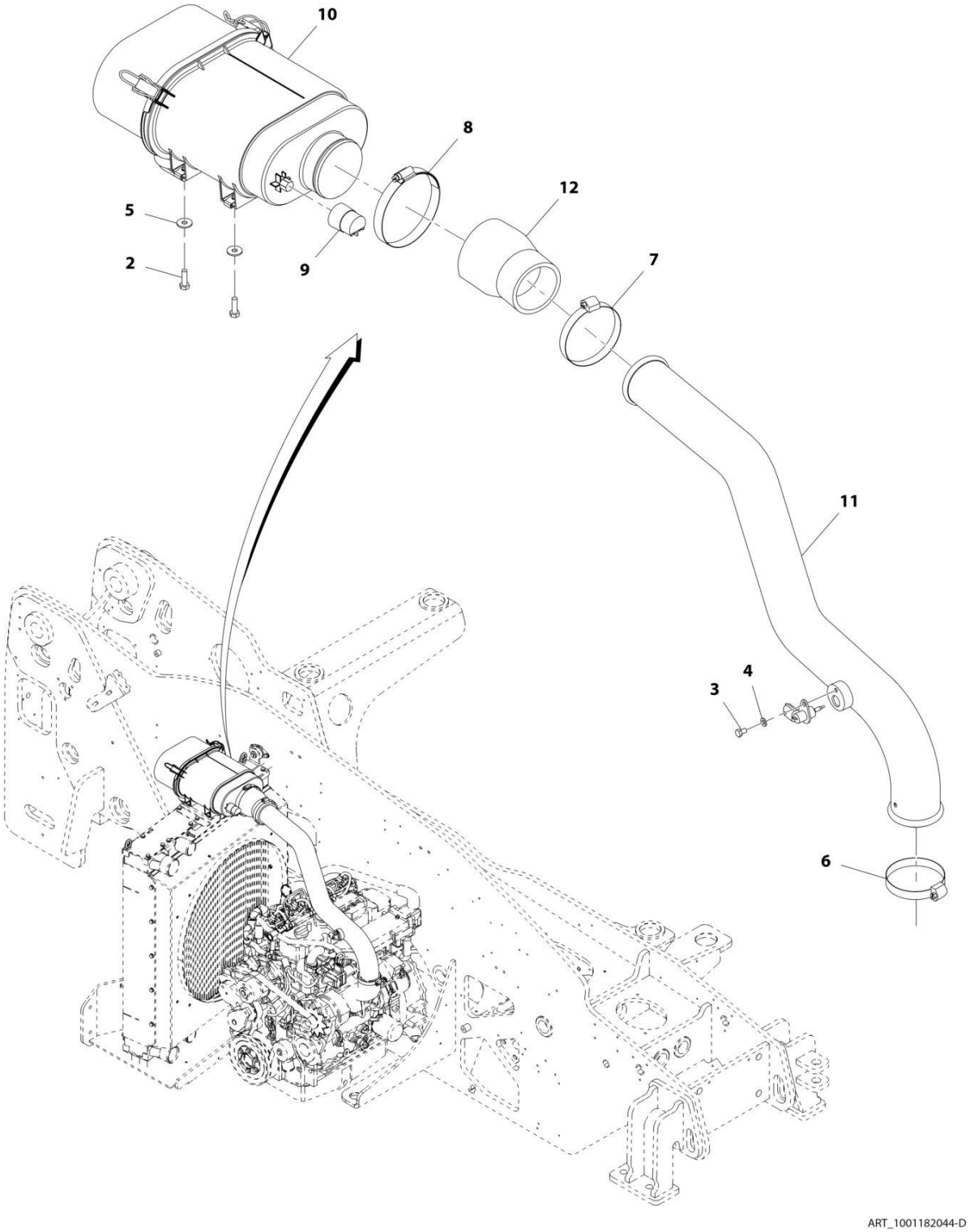


FIGURE 4-26. AIR CLEANER INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182044	Ref	Air Cleaner Installation (ULS)	D
2	0700610	4	Bolt, M6X20	
3	0760605	1	Bolt, M6X10	
4	4811700	1	Washer, M6	
5	4811702	4	Washer, M6	
6	8405204	1	Clamp, Hose	
7	8410011	1	Clamp, Hose	
8	10719267	1	Clamp, Hose	
9	1001141952	1	Indicator, Restriction	
10	1001181154	1	Filter, Air Cleaner (See Separate Breakdown in this Section)	
11	1001183475	1	Tube, Air Intake	
12	1001183476	1	Hose, Air Intake	

FIGURE 4-27. AIR CLEANER INSTALLATION (LS)

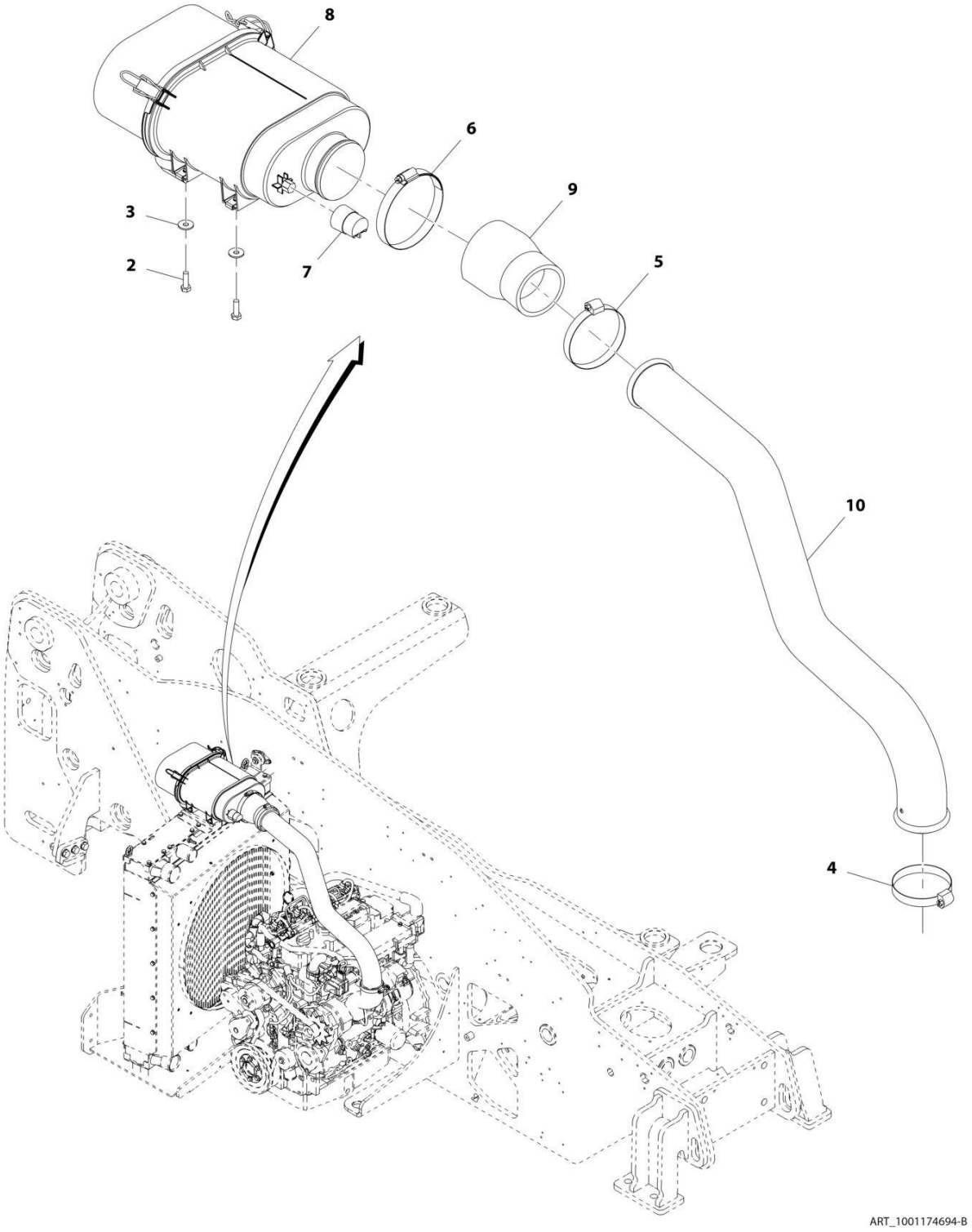


FIGURE 4-27. AIR CLEANER INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174694	Ref	Air Cleaner Installation (LS)	B
2	0700610	4	Bolt, M6X20	
3	4811702	4	Washer, M6	
4	8405204	1	Clamp, Hose	
5	8410011	1	Clamp, Hose	
6	10719267	1	Clamp, Hose	
7	1001141952	1	Indicator, Restriction	
8	1001181154	1	Filter, Air Cleaner (See Separate Breakdown in this Section)	
9	1001183476	1	Hose, Air Intake	
10	1001183613	1	Tube, Air Intake	

FIGURE 4-28. AIR CLEANER FILTER

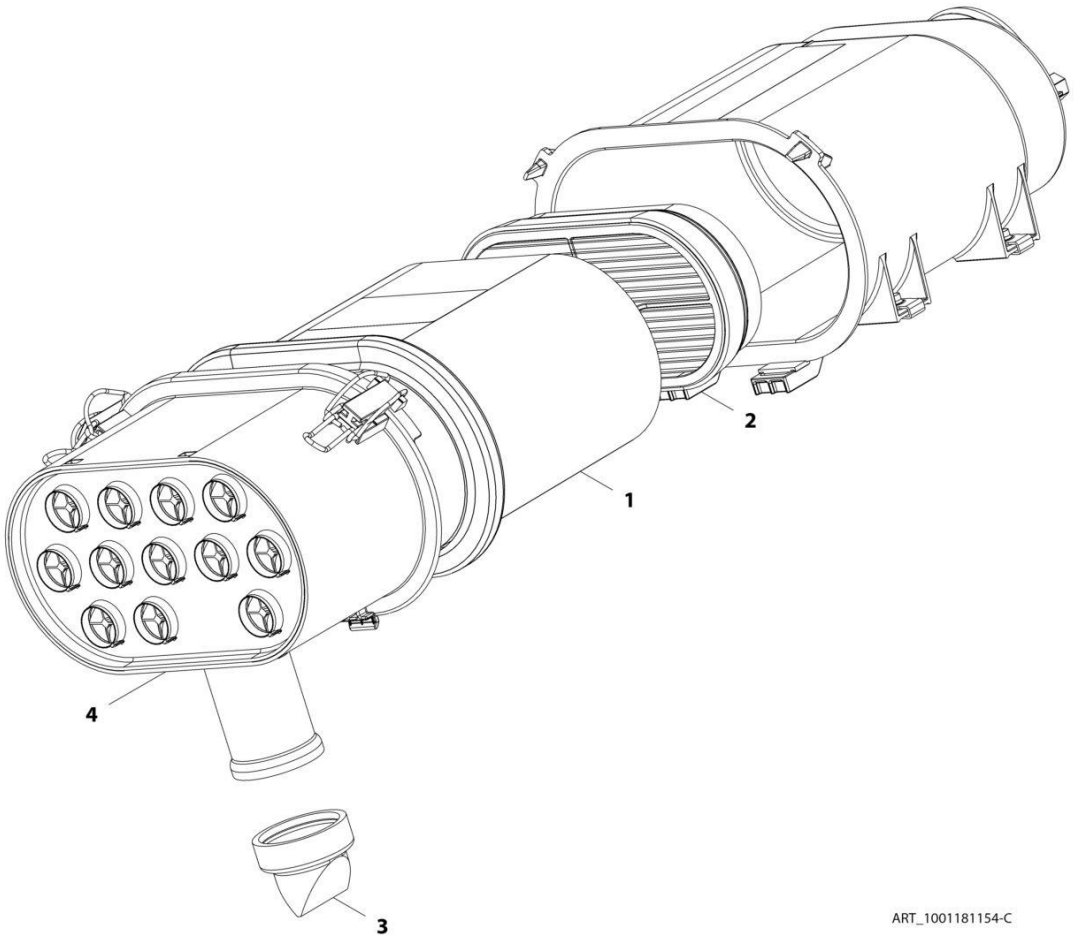


FIGURE 4-28. AIR CLEANER FILTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181154	Ref	Air Cleaner Filter	C
1	70026007	1	Element, Main	
2	70026008	1	Element, Safety	
3	10733183	1	Valve, Vacuator	
4	70027274	1	Pre Cleaner	

FIGURE 4-29. COOLANT LINES INSTALLATION

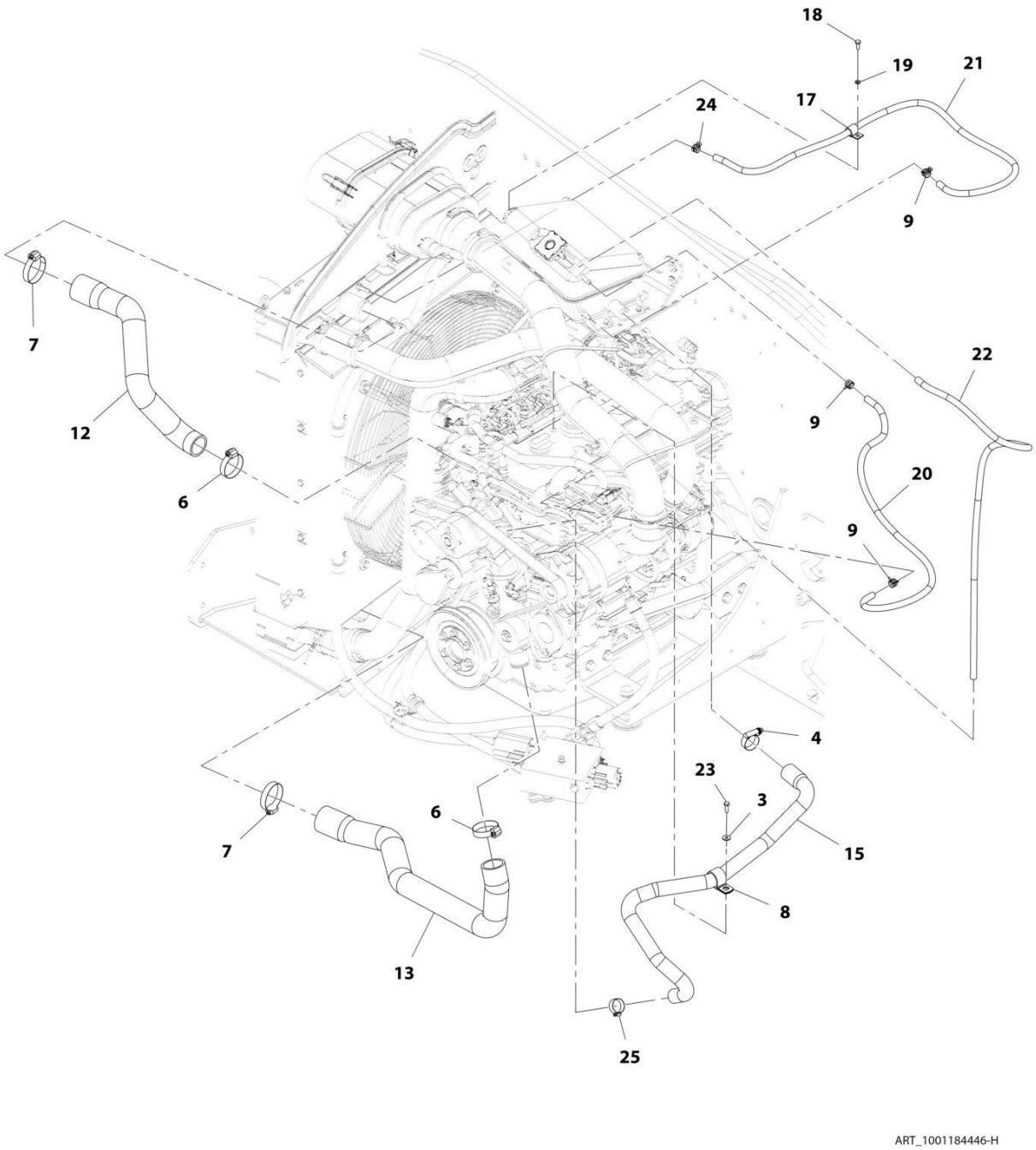


FIGURE 4-29. COOLANT LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184446	Ref	Coolant Lines Installation	H
3	4811702	1	Washer, M6	
4	1001200709	1	Clamp, Hose	
6	8405104	2	Clamp, Hose	
7	8405201	2	Clamp, Hose	
8	8406302	1	Clamp, Hose	
9	1001195443	3	Clamp, Hose	
12	1001183389	1	Hose	
13	1001183390	1	Hose	
15	1001187417	1	Hose, Radiator Fill	
17	1001003048	1	Clip	
18	0760608	1	Bolt, M6X16	
19	4811700	1	Washer, M6	
20	1001203307	1	Hose	
21	1001203308	1	Hose	
22	1001203309	1	Hose	
23	0700610	1	Bolt, M6X20	
24	1001140296	1	Clamp	
25	8405007	1	Clamp	

FIGURE 4-30. COOLER LINES INSTALLATION (Prior to SN 1160008371)

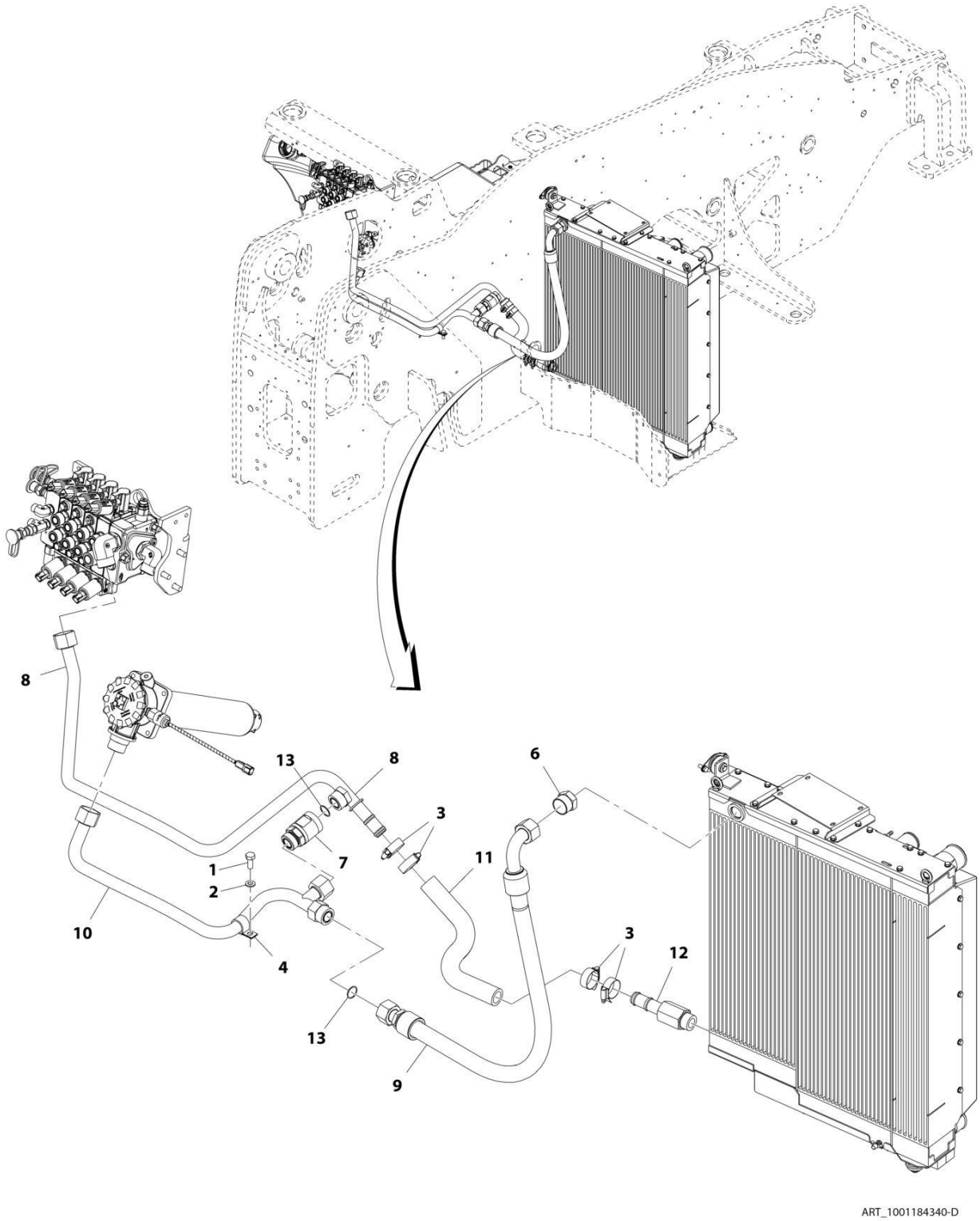


FIGURE 4-30. COOLER LINES INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184340	Ref	Cooler Lines Installation	D
1	0761012	1	Bolt, M10X25	
2	4812000	1	Washer, M10	
3	1001214520	4	Clamp, Hose	
4	1001008910	1	Clip	
6	2111616	1	Fitting, Straight ORFS	
7	1001185871	1	Valve, Check ORFS	
8	1001197213	1	Pipe, ORFS	
9	1001197214	1	Hose, ORFS	
10	1001197215	1	Pipe, ORFS	
11	1001197216	1	Hose	
12	1001197425	1	Fitting, Straight	
13	1001010240	2	O-Ring	

FIGURE 4-31. COOLER LINES INSTALLATION (SN 1160008371 to Present)

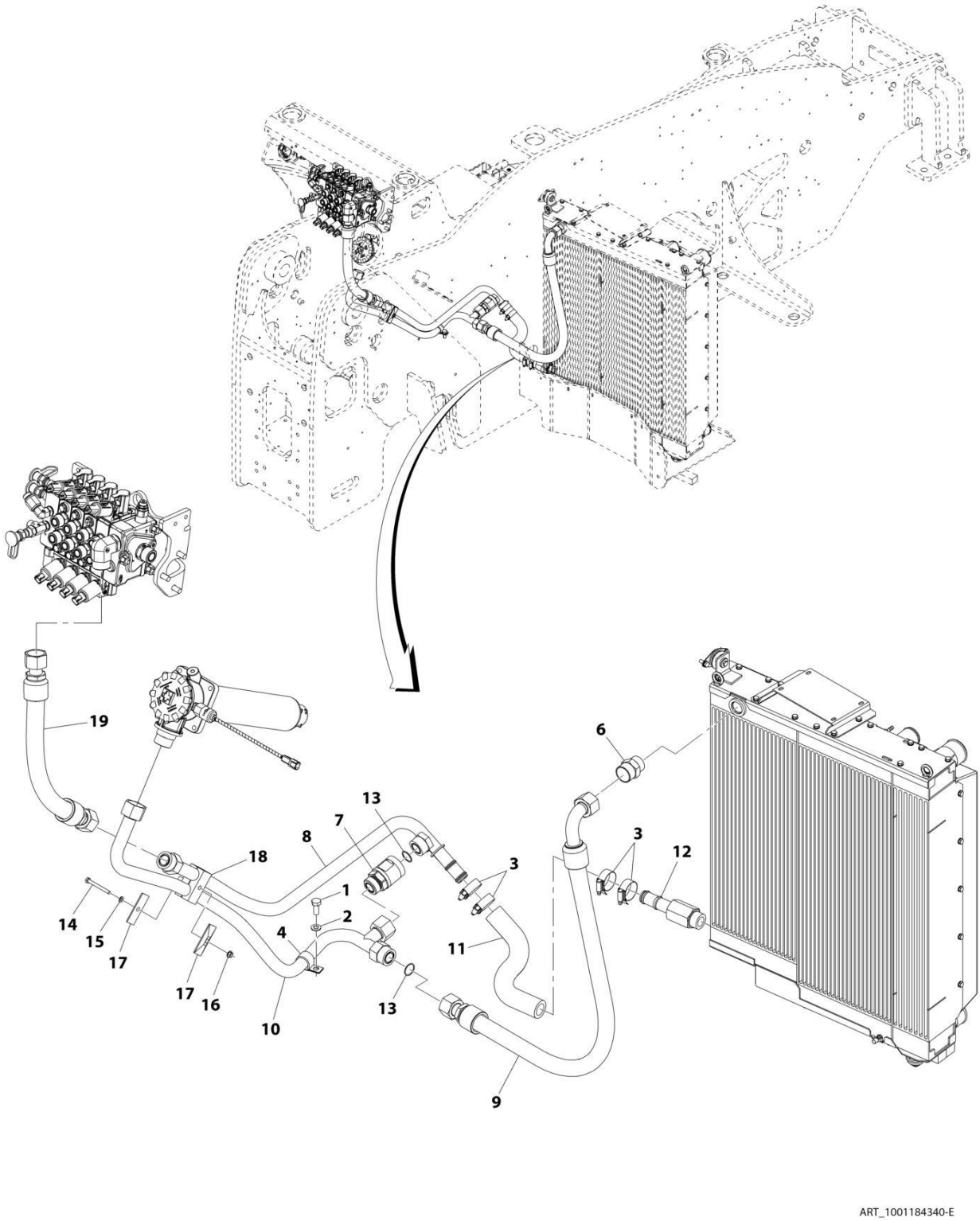


FIGURE 4-31. COOLER LINES INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184340	Ref	Cooler Lines Installation	E
1	0761012	1	Bolt, M10X25	
2	4812000	1	Washer, M10	
3	1001214520	4	Clamp, Hose	
4	1001008910	1	Clip	
6	2111616	1	Fitting, Straight ORFS	
7	1001185871	1	Valve, Check ORFS	
8	1001226250	1	Pipe, ORFS	
9	1001197214	1	Hose, ORFS	
10	1001226265	1	Pipe, ORFS	
11	1001197216	1	Hose	
12	1001197425	1	Fitting, Straight	
13	1001010240	2	O-Ring	
14	0700620	1	Bolt, M6X60	
15	4811700	1	Washer, M6	
16	5220600	1	Nut, M6	
17	77133137	2	Cover, Plate	
18	77133279	1	Clamp	
19	1001226295	1	Hose, ORFS	

FIGURE 4-32. CAC LINES INSTALLATION (ULS)

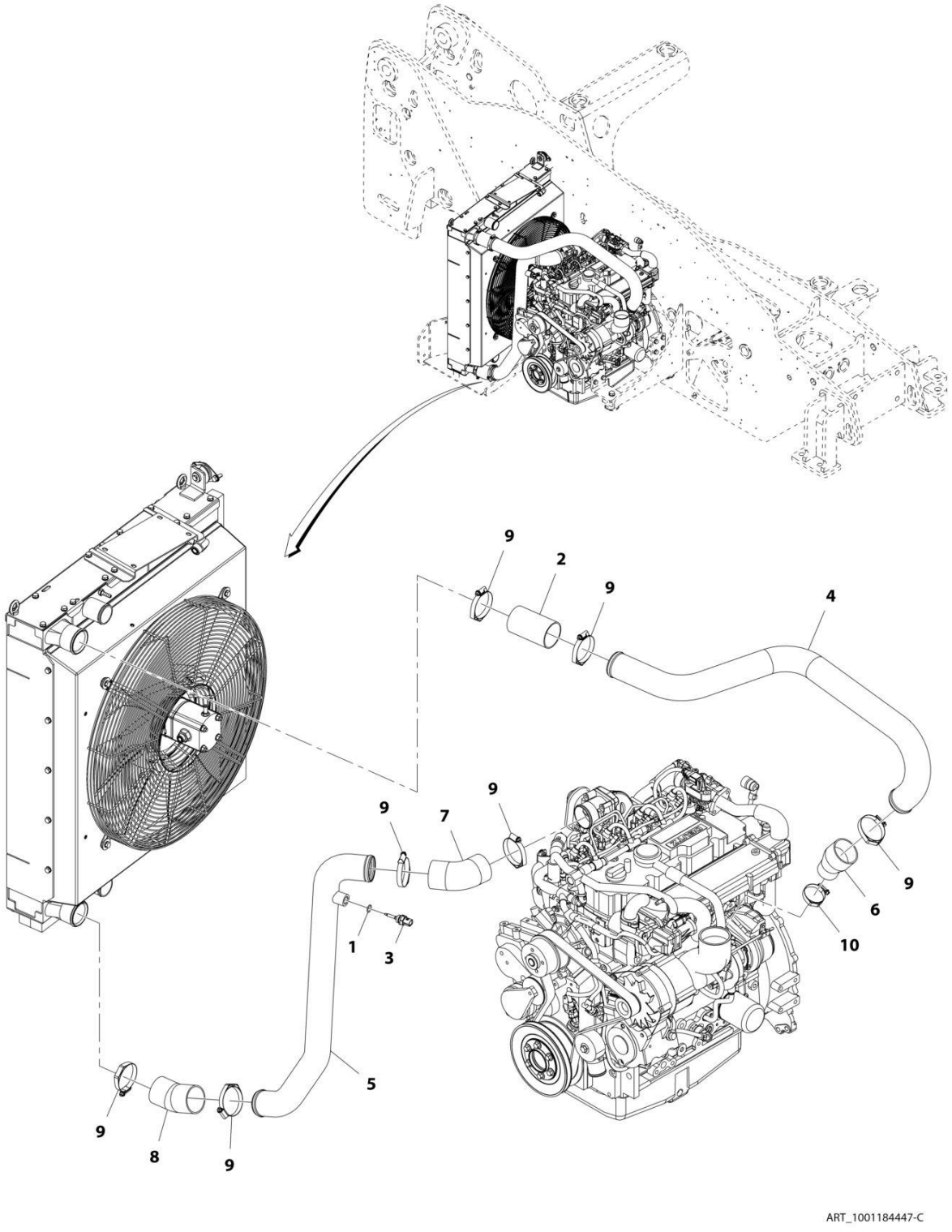


FIGURE 4-32. CAC LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184447	Ref	CAC Lines Installation (ULS)	C
1	1001009163	1	O-Ring	
2	1001114495	1	Hose	
3	1001128478	1	Sensor, Temperature	
4	1001183387	1	Pipe, Charge Air	
5	1001183388	1	Pipe, Charge Air	
6	1001183391	1	Sleeve, Pipe Reducer	
7	1001183392	1	Sleeve, Pipe Reducer	
8	1001183394	1	Sleeve, Pipe Reducer	
9	1001215022	7	Clamp, T-Bolt	
10	1001215024	1	Clamp, T-Bolt	

FIGURE 4-33. CAC LINES INSTALLATION (LS)

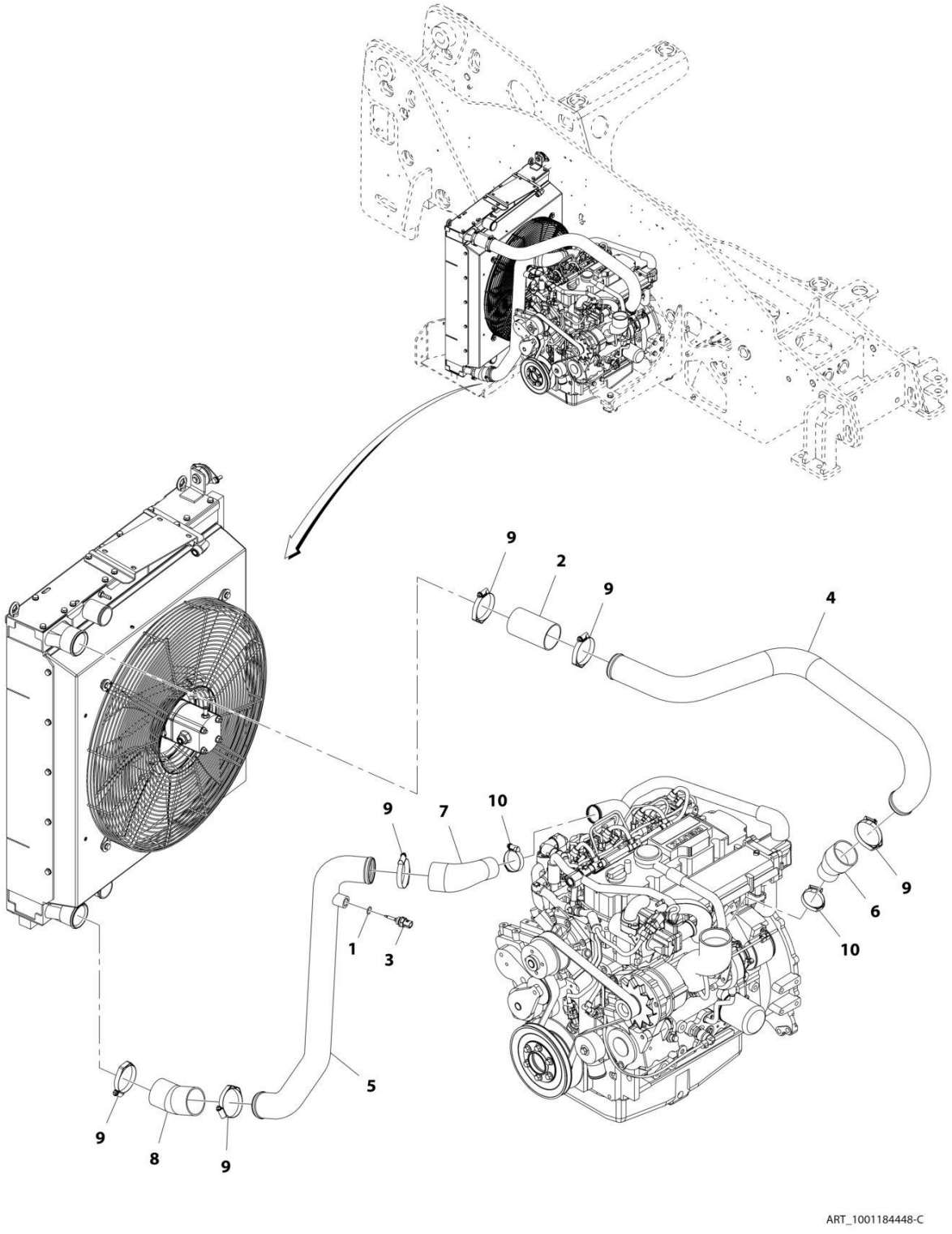


FIGURE 4-33. CAC LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184448	Ref	CAC Lines Installation (LS)	C
1	1001009163	1	O-Ring	
2	1001114495	1	Hose	
3	1001128478	1	Sensor, Temperature	
4	1001183387	1	Pipe, Charge Air	
5	1001183388	1	Pipe, Charge Air	
6	1001183391	1	Sleeve, Pipe Reducer	
7	1001183393	1	Sleeve, Pipe Reducer	
8	1001183394	1	Sleeve, Pipe Reducer	
9	1001215022	6	Clamp, T-Bolt	
10	1001215024	2	Clamp, T-Bolt	

FIGURE 4-34. SURGE TANK INSTALLATION

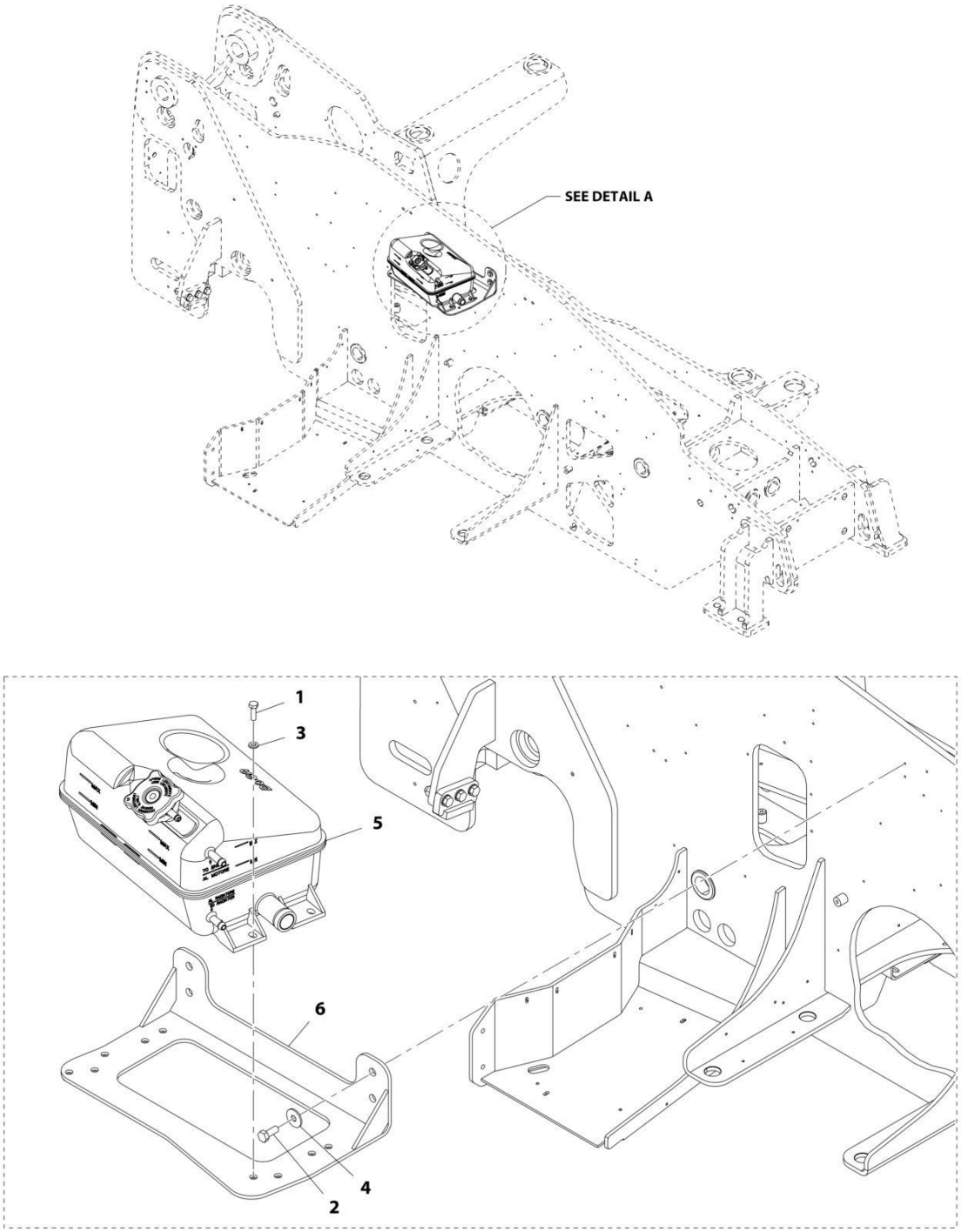


FIGURE 4-34. SURGE TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181354	Ref	Surge Tank Installation	C
1	0700610	4	Bolt, M6X20	
2	0760810	4	Bolt, M8X20	
3	4811700	4	Washer, M6	
4	4811902	4	Washer, M8	
5	1001149375	1	Tank, Expansion	
6	1001188407	1	Bracket	

FIGURE 4-35. BULKHEAD INSTALLATION

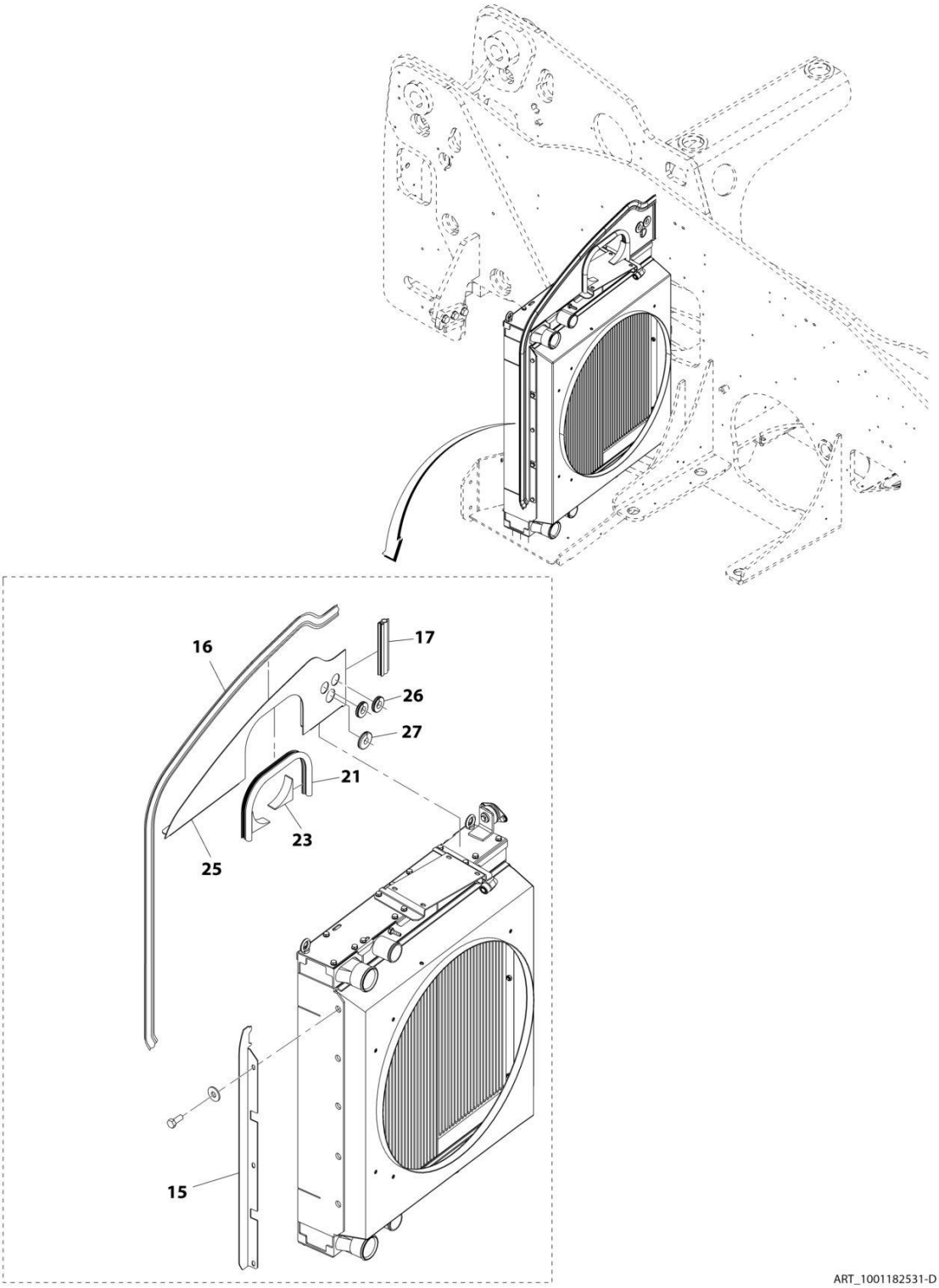


FIGURE 4-35. BULKHEAD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182531	Ref	Bulkhead Installation	D
15	1001182493	1	Plate	
16	1001182540	1	Seal	
17	1001182565	1	Seal	
21	1001183418	1	Seal	
23	1001185586	2	Seal	
25	1001202614	1	Plate	
26	2540049	2	Grommet	
27	1001215358	1	Grommet	

FIGURE 4-36. DEF PUMP AND CONTROL INSTALLATION

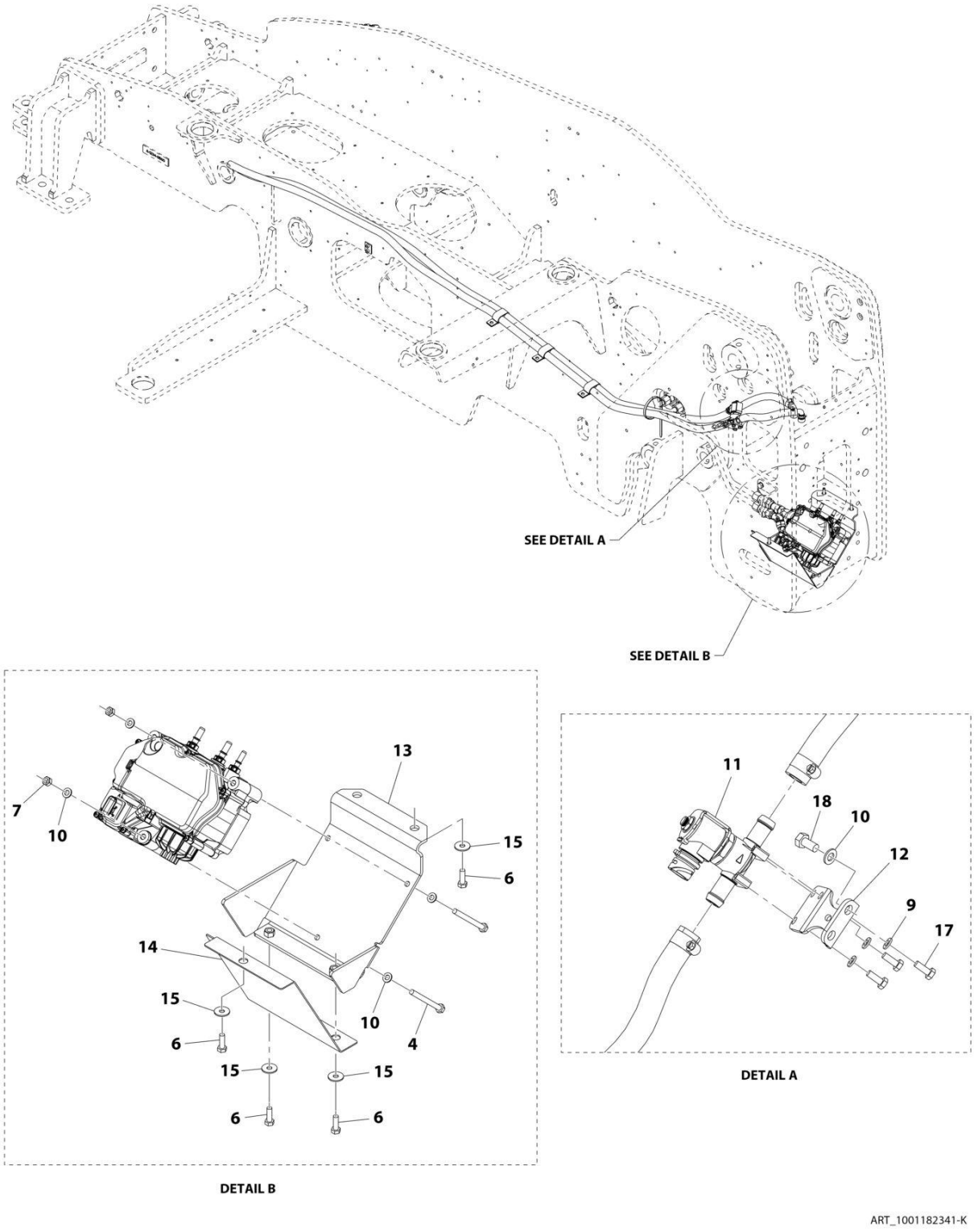


FIGURE 4-36. DEF PUMP AND CONTROL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182341	Ref	DEF Pump and Control Installation	K
4	0700826	3	Bolt, M8X90	
6	0760812	5	Bolt, M8X25	
7	3290801	3	Nut, M8X1.25	
9	4811700	3	Washer, M6	
10	4811900	8	Washer, M8	
11	1001199670	1	Valve, DEF Tank Coolant Flow	
12	1001214091	1	Bracket	
13	1001211513	1	Bracket	
14	1001211512	1	Bracket	
15	4811902	5	Washer, M8	
17	0760608	3	Bolt, M6X16	
18	0760808	2	Bolt, M8X16	

FIGURE 4-37. DEF TANK INSTALLATION

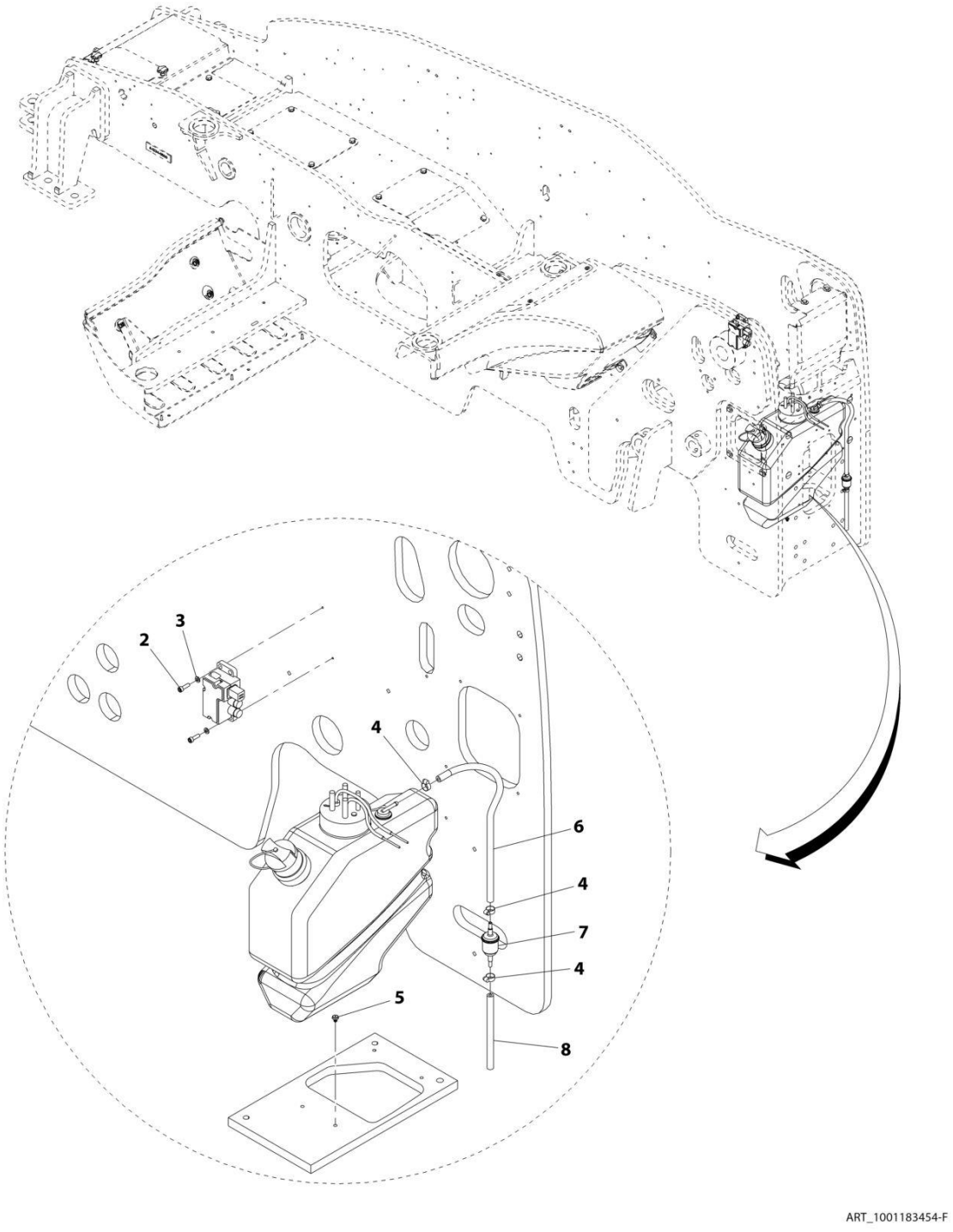


FIGURE 4-37. DEF TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183454	Ref	DEF Tank Installation	F
2	4031708	2	Bolt, M6X20	
3	4811700	2	Washer, M6	
4	1001004141	3	Clamp, Hose	
5	1001183453	2	Retainer, Bumper	
6	1001183957	1	Hose	
7	1001191472	1	Filter, DEF Tank Vent	
8	1001202277	1	Hose, DEF Tank Vent	

FIGURE 4-38. DEF PUMP LINES INSTALLATION

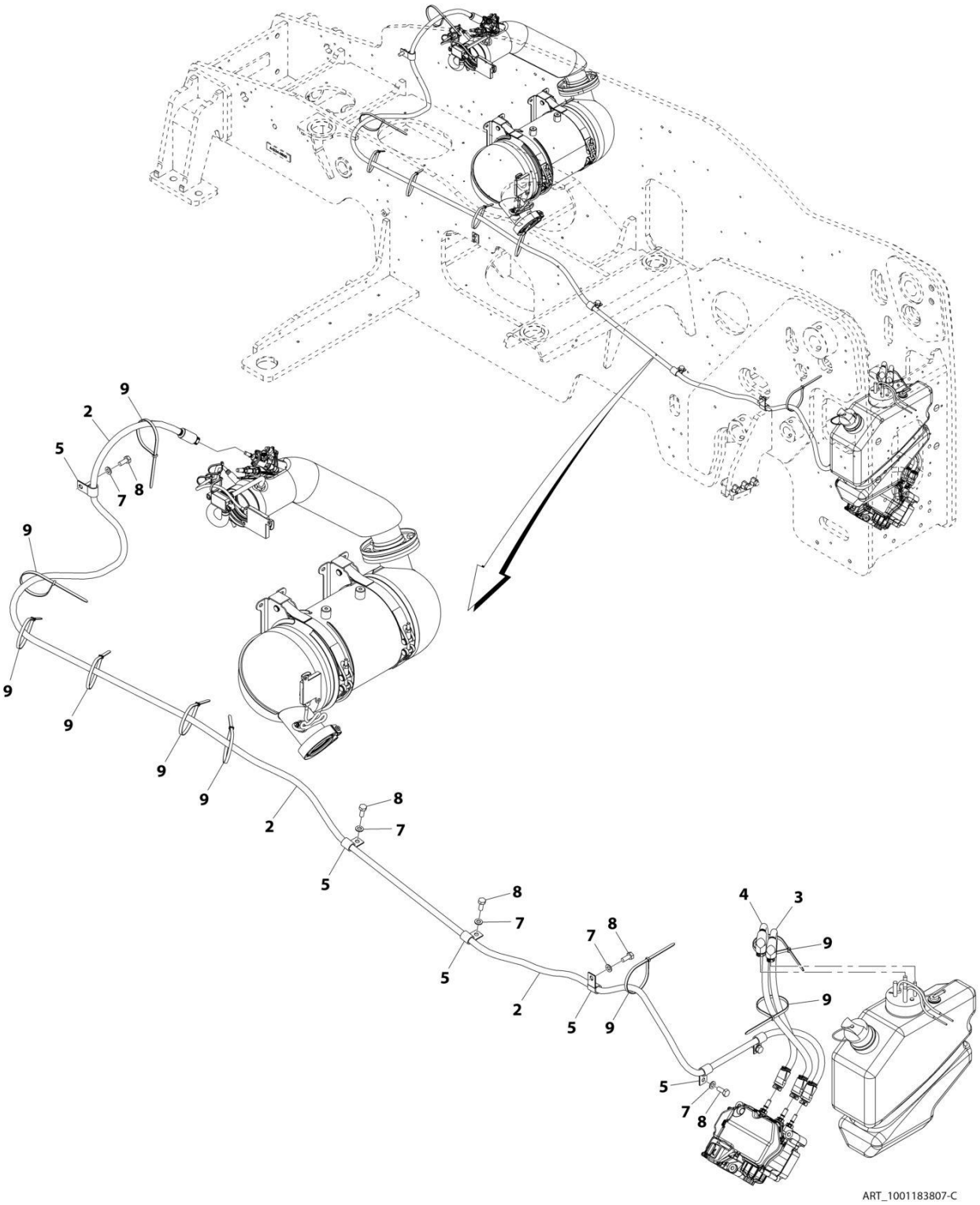


FIGURE 4-38. DEF PUMP LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183807	Ref	DEF Pump Lines Installation	C
2	1001183804	1	Hose, DEF Pump DOS	
3	1001202284	1	Hose, DEF Pump Tank	
4	1001202285	1	Hose, DEF Pump Tank	
5	1001008574	6	Clip	
7	4812000	6	Washer, M10	
8	0761012	6	Bolt, M10X25	
9	1062255	9	Tie, Strap	

FIGURE 4-39. TRANSMISSION HYDROSTATIC ADAPTER INSTALLATION

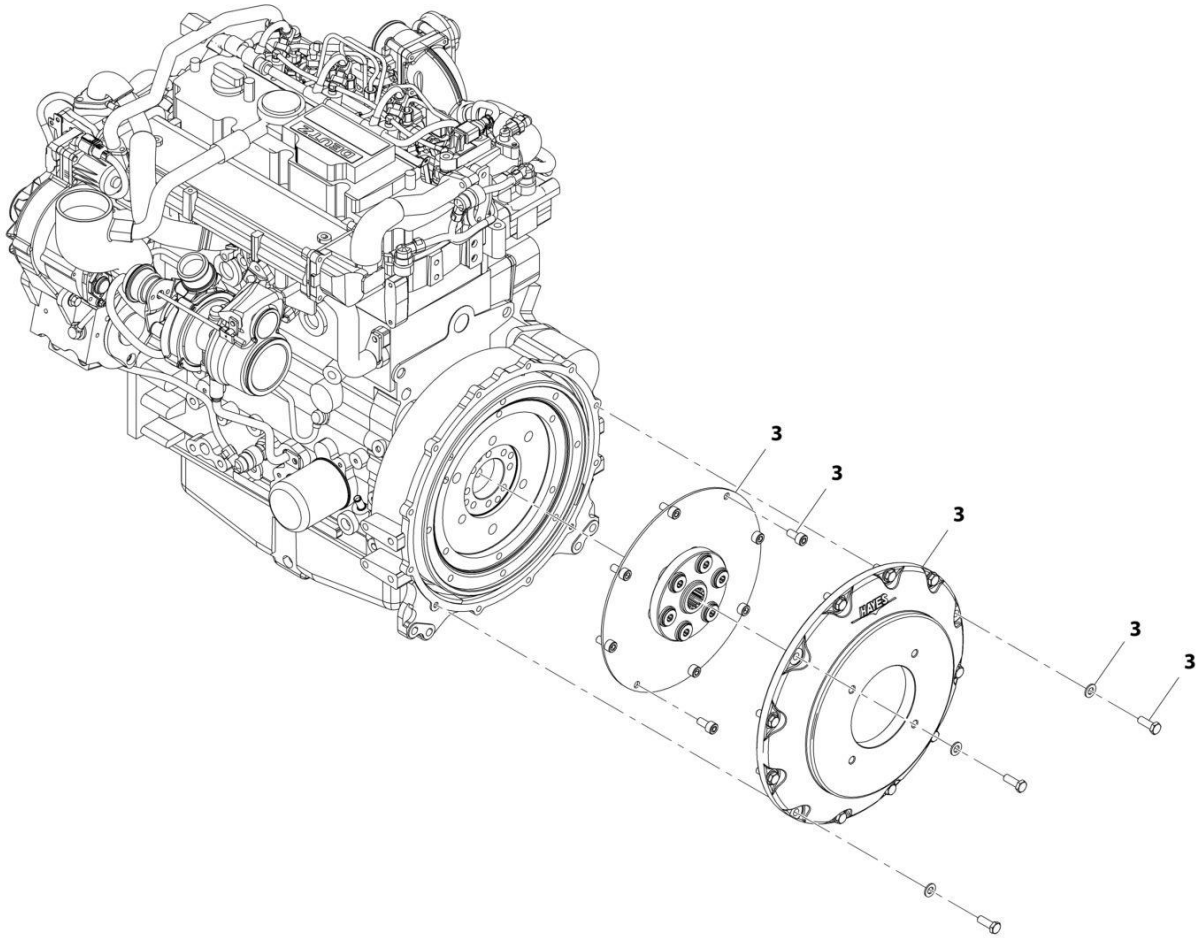


FIGURE 4-39. TRANSMISSION HYDROSTATIC ADAPTER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178422	Ref	Transmission Hydrostatic Adapter Installation	C
3	1001181172	1	Coupling, Flywheel	

FIGURE 4-40. TRANSMISSION HYDROSTATIC DRIVE PUMP INSTALLATION

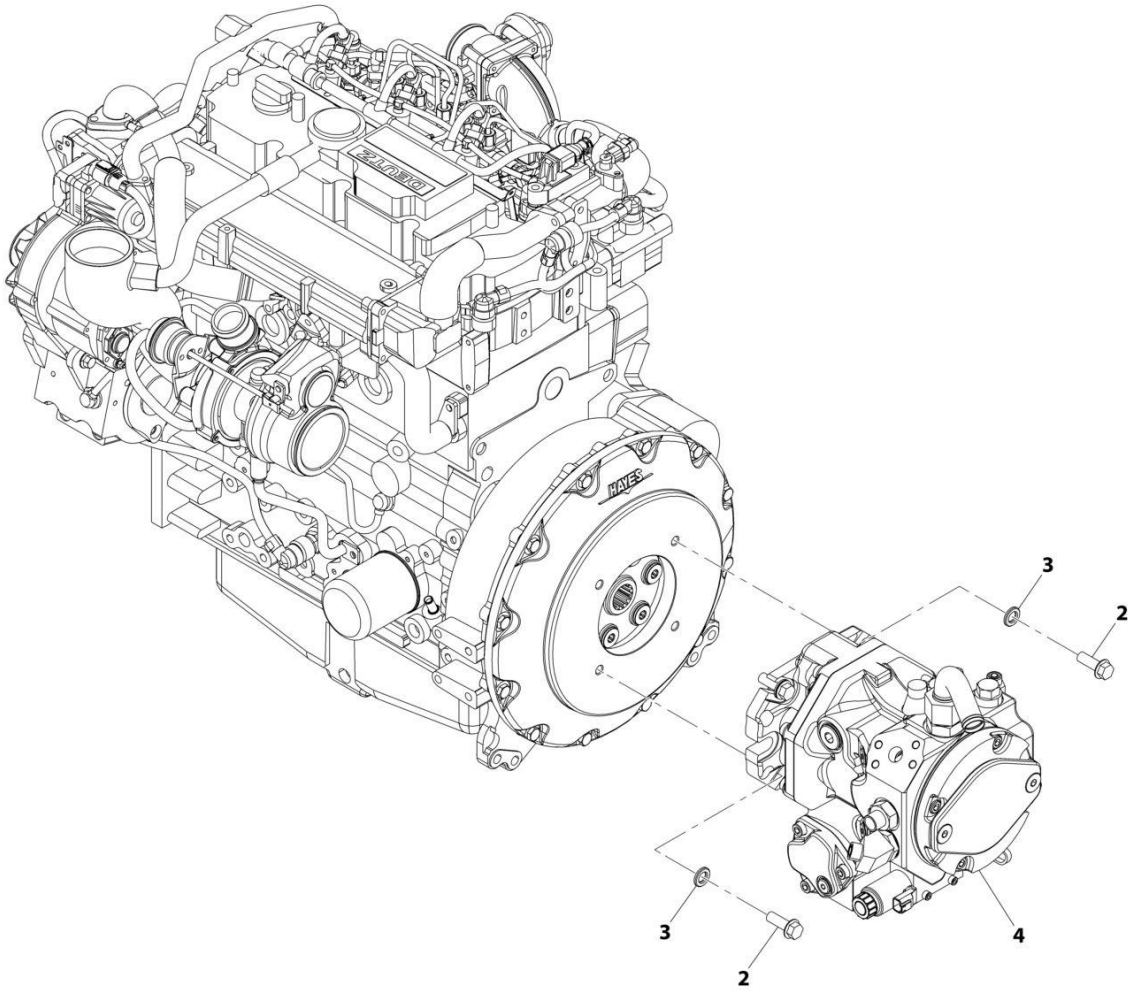


FIGURE 4-40. TRANSMISSION HYDROSTATIC DRIVE PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178926	Ref	Transmission Hydrostatic Drive Pump Installation	D
2	0711216	4	Bolt, M12X40 Grade 10.9 **(Prior to SN 1160008627)**	
2	5201215	4	Bolt, M12X35 **(SN 1160008627 to Present)**	
3	4740532	4	Washer, M12	
4	1001174076	1	Installation, Hydrostatic Pump (See Separate Breakdown in this Section)	

FIGURE 4-41. IMPLEMENT PUMP INSTALLATION

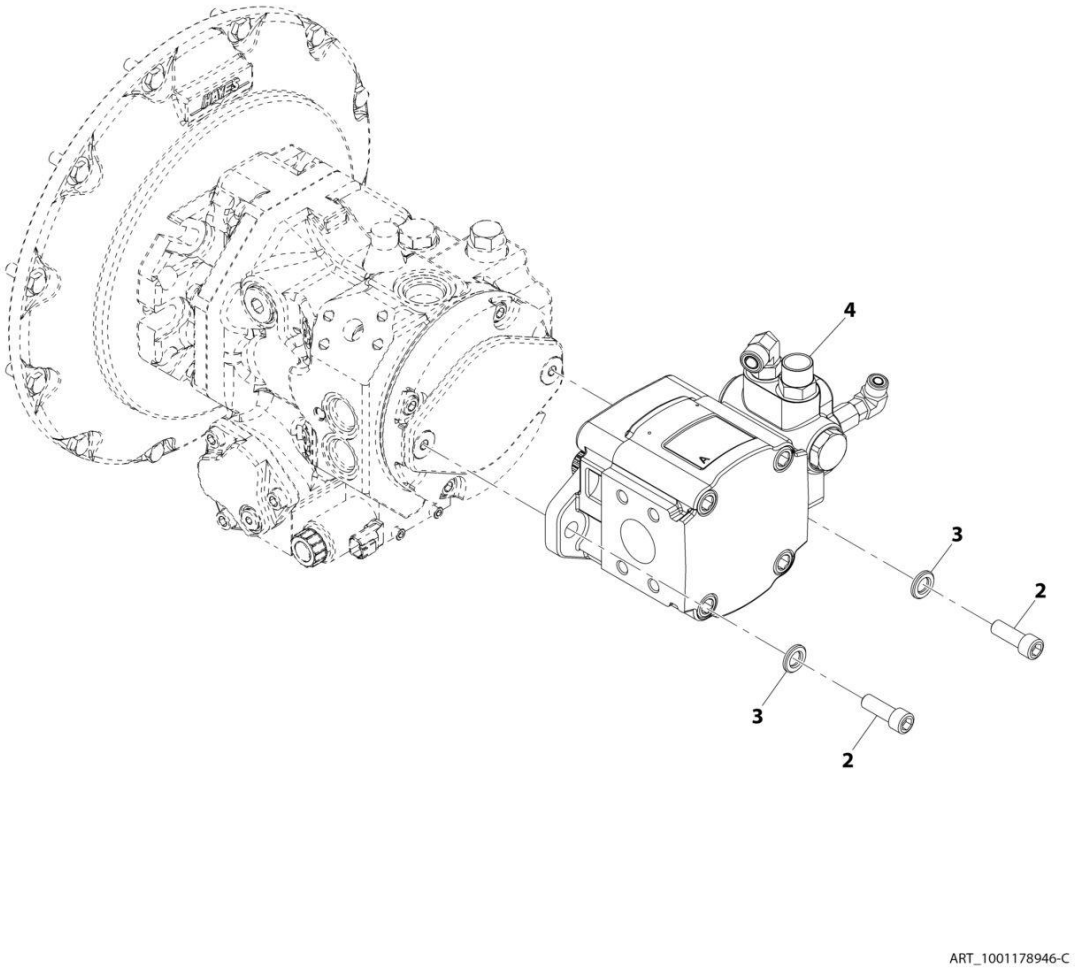


FIGURE 4-41. IMPLEMENT PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178946	Ref	Implement Pump Installation	C
2	0761215	2	Bolt, M12X35 **(Prior to SN 1160008627)**	
2	4032111	2	Screw, M12X35 **(SN 1160008627 to Present)**	
3	4740532	2	Washer, M12	
4	1001174070	1	Assembly, Implement Pump (See Separate Breakdown in this Section)	

FIGURE 4-42. IMPLEMENT PUMP ASSEMBLY

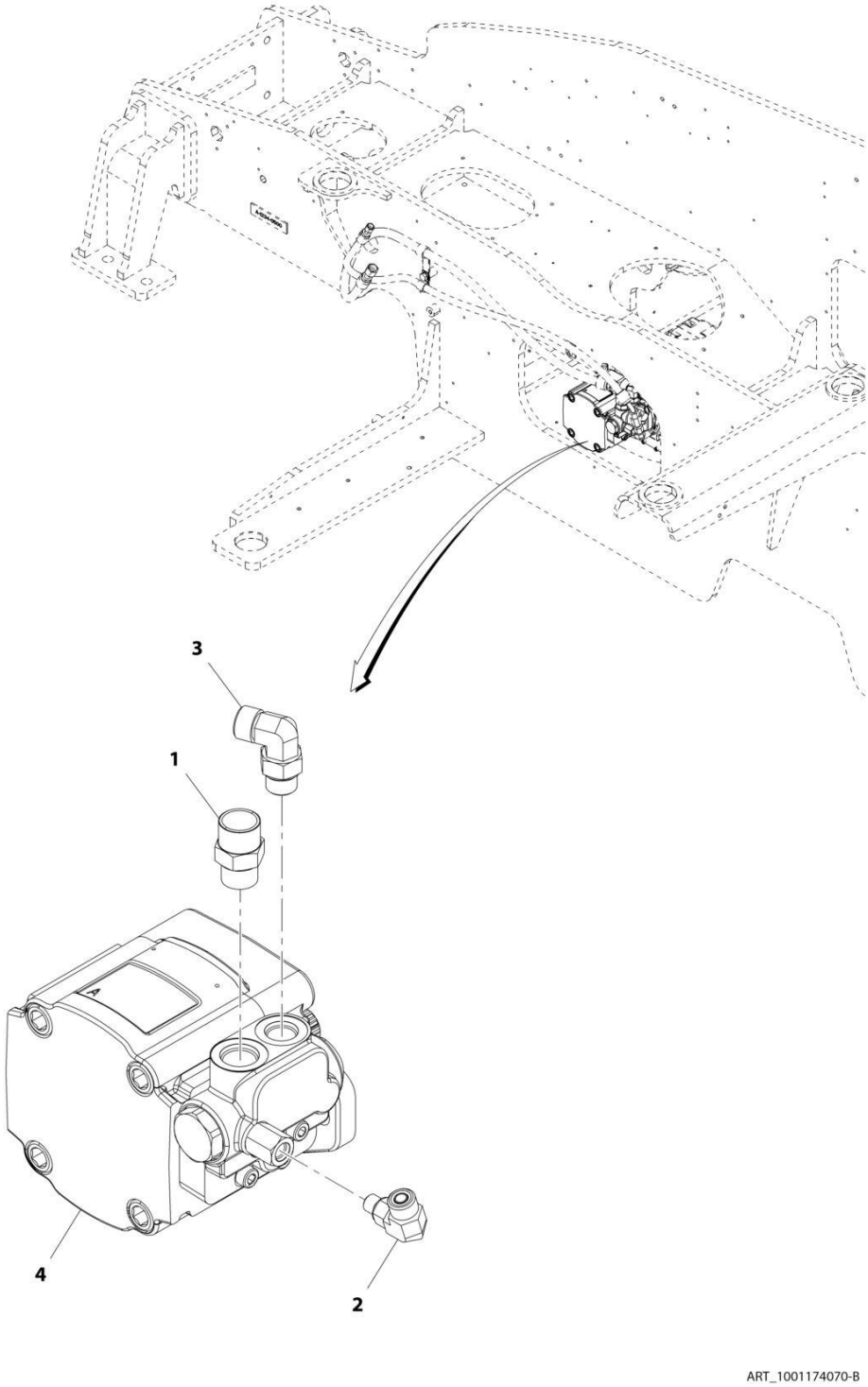
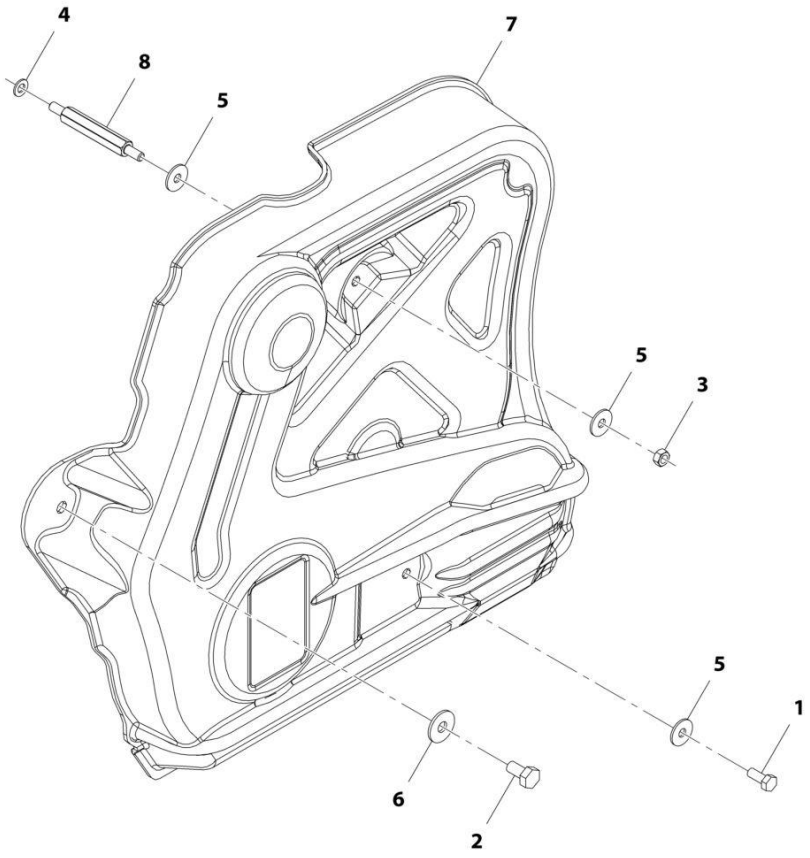


FIGURE 4-42. IMPLEMENT PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174070	Ref	Implement Pump Assembly	B
1	2111010	1	Fitting, Straight ORFS	
2	2130604	1	Fitting, 90 ORFS	
3	2130808	1	Fitting, 90 ORFS	
4	1001175838	1	Pump, Implement	

FIGURE 4-43. PULLEY COVER INSTALLATION



ART_1001186577-A

FIGURE 4-43. PULLEY COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186577	Ref	Pulley Cover Installation	A
1	0760810	1	Bolt, M8X20	
2	0761010	1	Bolt, M10X20	
3	3290801	1	Nut, M8X1.25	
4	4811900	1	Washer, M8	
5	4811902	3	Washer, M8	
6	4812002	1	Washer, M10	
7	1001203551	1	Cover, Engine	
8	1001203601	1	Brace	

FIGURE 4-44. HYDRAULIC FAN PUMP INSTALLATION

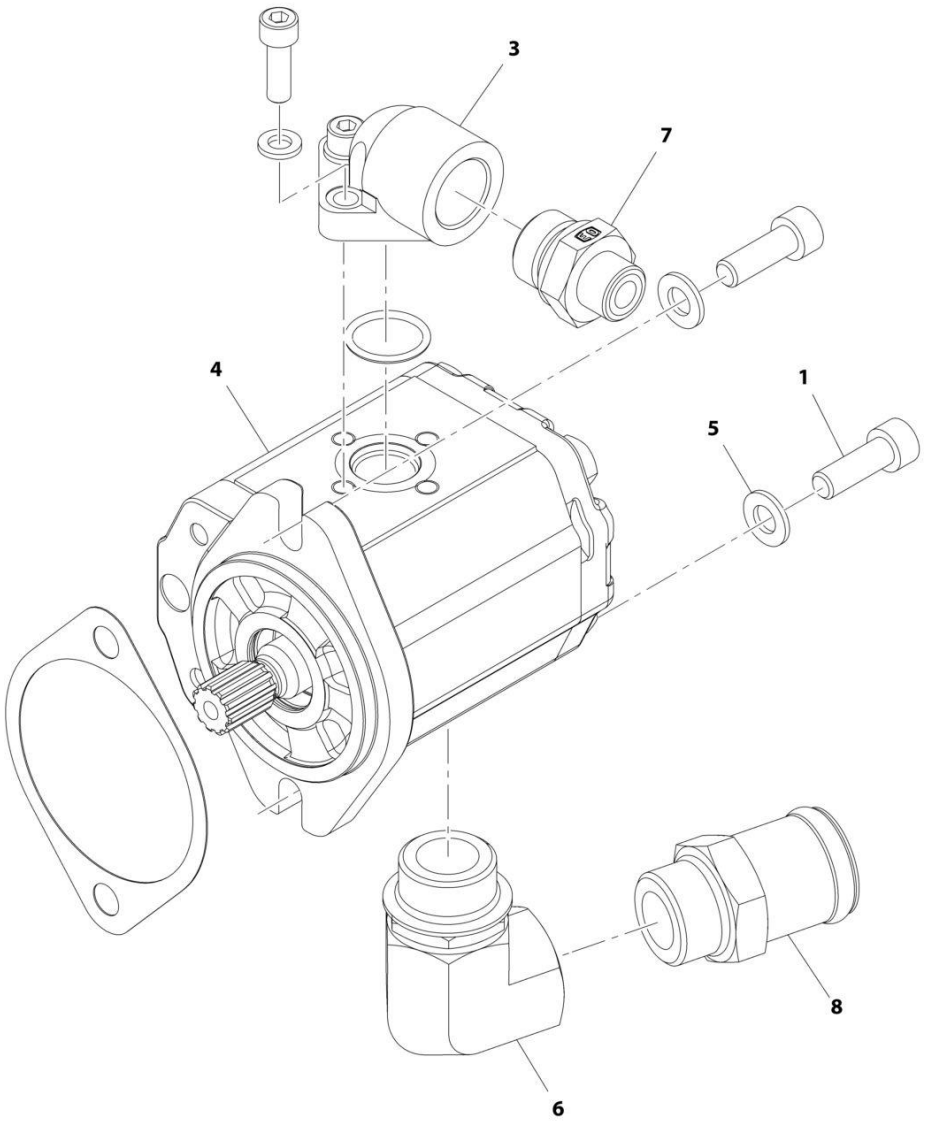


FIGURE 4-44. HYDRAULIC FAN PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185861	Ref	Hydraulic Fan Pump Installation	E
1	4032010	2	Bolt, M10X30	
3	1001135245	1	Elbow, 3/4IN	
4	1001182945	1	Pump	
5	4812000	2	Washer, M10	
6	1001143936	1	Fitting, 90 ORFS	
7	1001192411	1	Fitting, Straight ORFS	
8	1001217930	1	Fitting, Straight ORB	

FIGURE 4-45. HEATER LINES INSTALLATION (ULS)

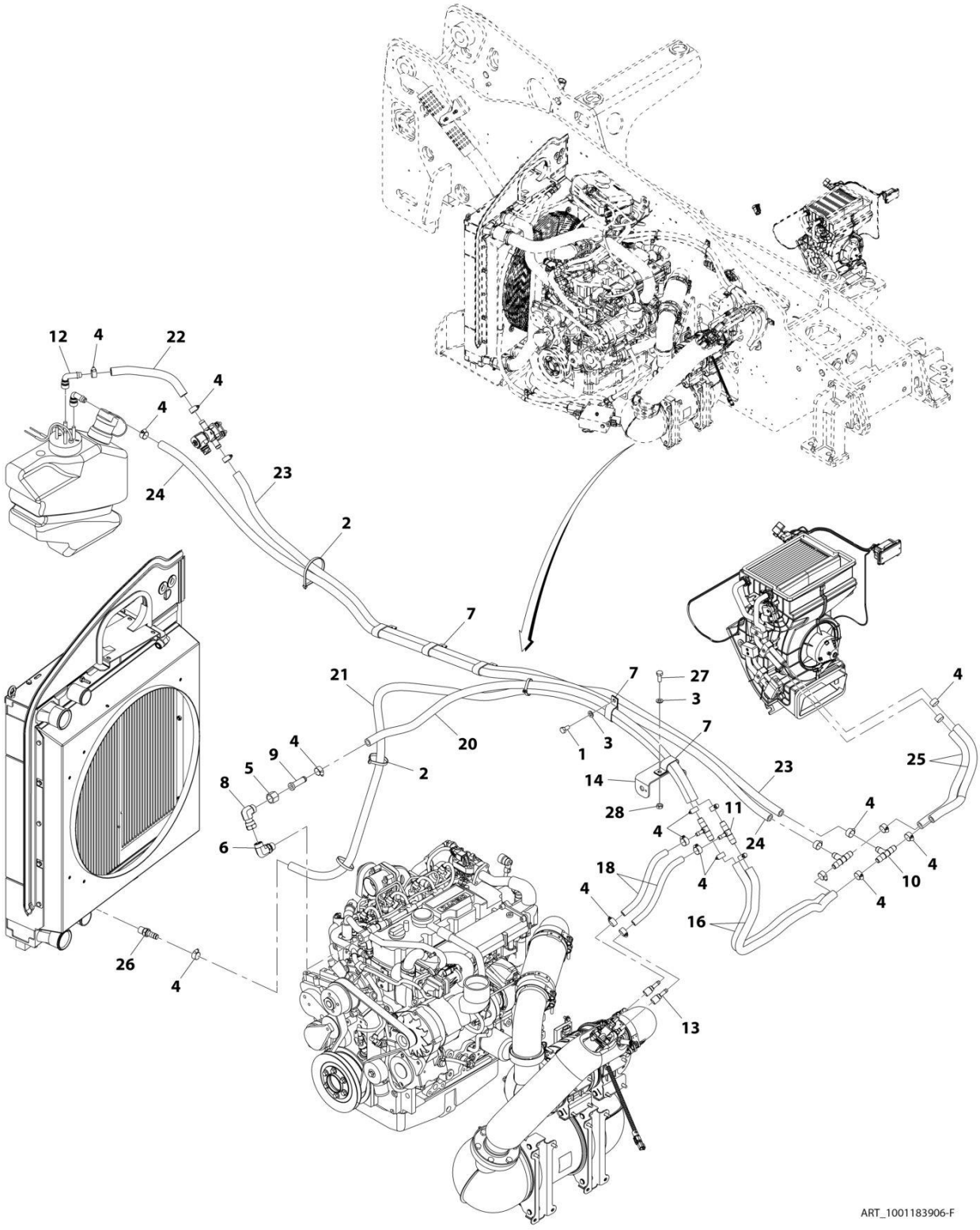


FIGURE 4-45. HEATER LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183906	Ref	Heater Lines Installation (ULS)	F
1	0761010	1	Bolt, M10X20	
2	1062255	4	Tie, Strap	
3	4812000	2	Washer, M10	
4	8410009	22	Clamp, Hose	
5	8770143	1	Nut, FORFS	
6	8770246	1	Fitting, 90 ORFS	
7	1001008720	5	Clip	
8	2172110	1	Fitting, 90 ORFS	
9	1001125409	1	Fitting, Barb Stem (ORFS)	
10	1001183125	2	Fitting, T Barb	
11	1001183149	2	Fitting, T Barb	
12	1001183183	2	Fitting, 90	
13	1001183357	2	Fitting, Straight 3/8IN	
14	1001228619	1	Bracket, Isolator Switch	
16	1001183893	2	Hose	
18	1001183895	2	Hose	
20	1001214732	1	Hose	
21	1001214733	NLA	Hose (no longer available, use 1001218939 for replacement)	
21	1001218939	1	Hose	
22	1001201898	1	Hose	
23	1001201899	1	Hose	
24	1001201900	1	Hose	
25	1001199913	2	Hose	
26	1001104685	1	Fitting, Barbed	
27	0761012	1	Bolt, M10X25	
28	3291001	1	Nut, M10X1.5	

FIGURE 4-46. HEATER LINES INSTALLATION (LS)

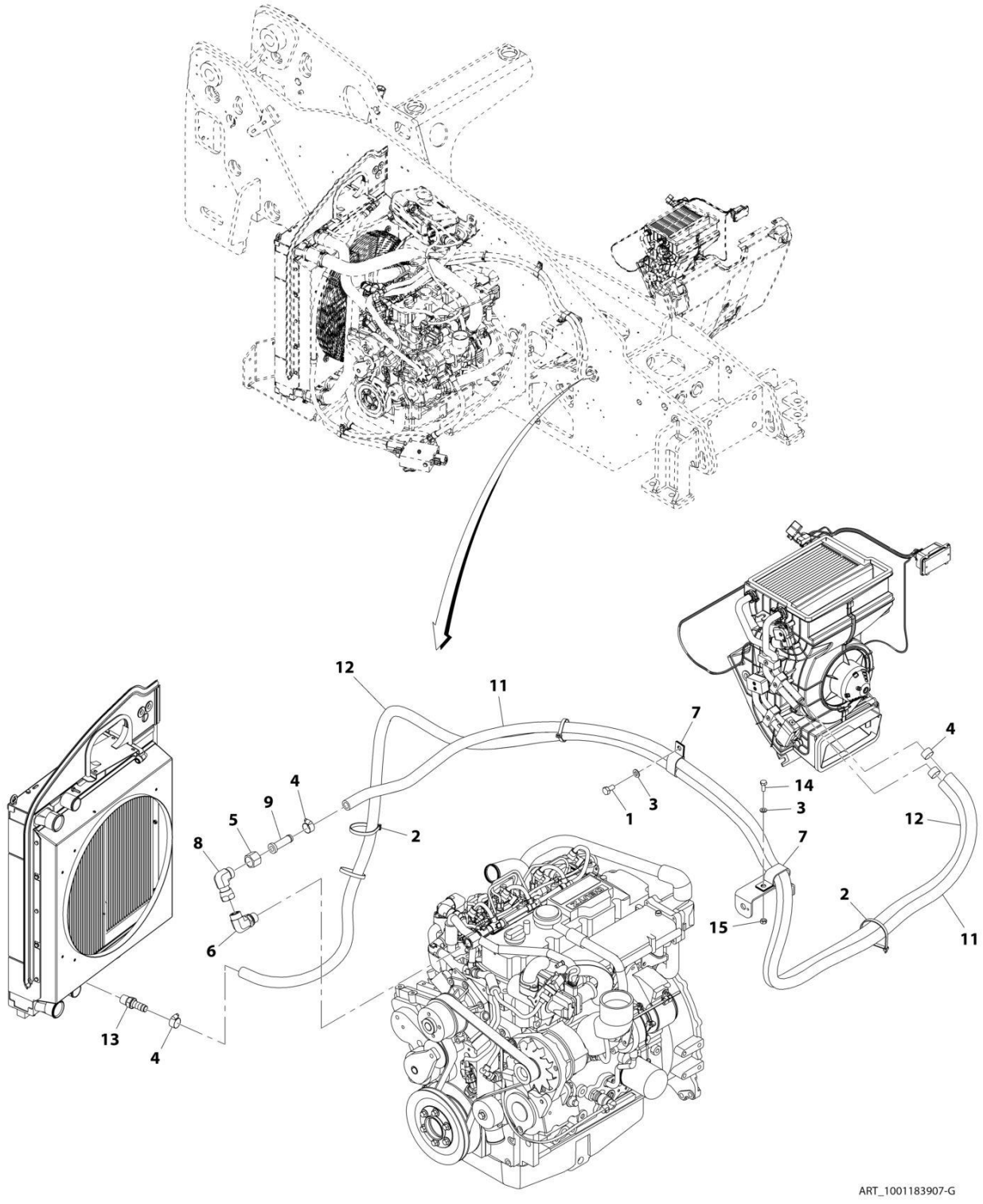


FIGURE 4-46. HEATER LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183907	Ref	Heater Lines Installation (LS)	G
1	0761010	1	Bolt, M10X20	
2	1062255	4	Strap, Tie	
3	4812000	2	Washer, M10	
4	8410009	4	Clamp, Hose	
5	8770143	1	Nut, FORFS	
6	8770246	1	Fitting, 90 ORFS	
7	1001008720	2	Clip	
8	2172110	1	Fitting, 90 ORFS	
9	1001125409	1	Fitting, Barb Stem ORFS	
11	1001214734	1	Hose	
12	1001214735	NLA	Hose (no longer available, use 1001218934 for replacement)	
12	1001218934	1	Hose	
13	1001104685	1	Fitting, Barbed	
14	0761012	1	Bolt, M10X25	
15	3291001	1	Nut, M10X1.5	

FIGURE 4-47. BLOCK HEATER INSTALLATION (230V)

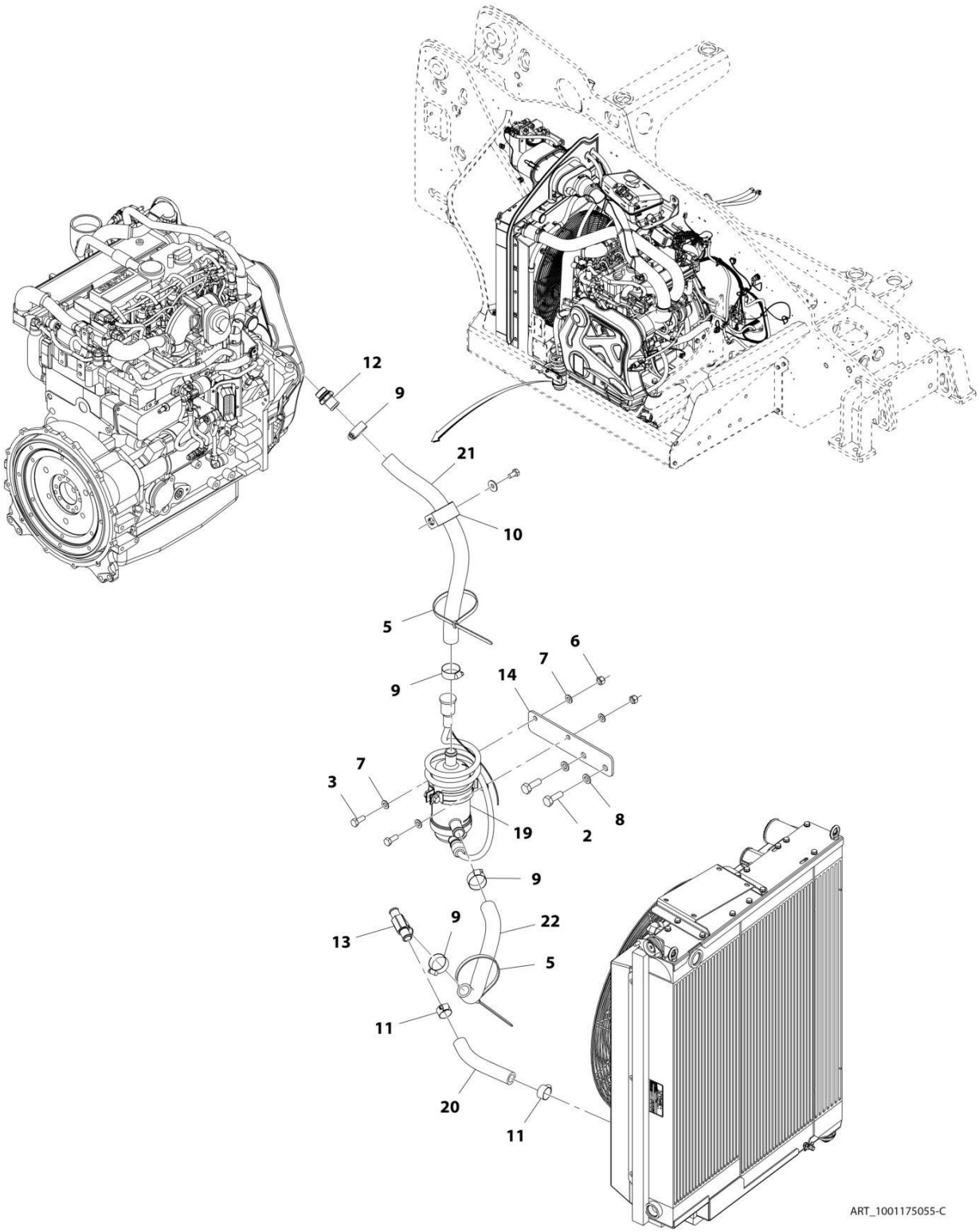


FIGURE 4-47. BLOCK HEATER INSTALLATION (230V)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175055	Ref	Block Heater Installation (230V)	C
2	0701014	2	Bolt, M10X30	
3	0760810	2	Bolt, M8X20	
5	1062255	2	Tie, Strap	
6	3290805	2	Nut, Lock M8X1.25 Grade 8	
7	4811900	4	Washer, M8	
8	4832000	2	Washer, Lock M10	
9	8405007	4	Clamp, Hose	
10	8406302	1	Clamp, Hose	
11	8410009	2	Clamp, Hose	
12	1001167408	1	Fitting, Straight Barb	
13	1001167773	1	Fitting, T-Barb	
14	1001189019	1	Bracket	
19	1001165069	1	Heater, Block (230V) (See Separate Breakdown in this Section)	
20	1001197806	1	Hose, Heater	
21	1001197807	1	Hose, Heater	
22	1001197808	1	Hose, Heater	

FIGURE 4-48. BLOCK HEATER INSTALLATION (120V)

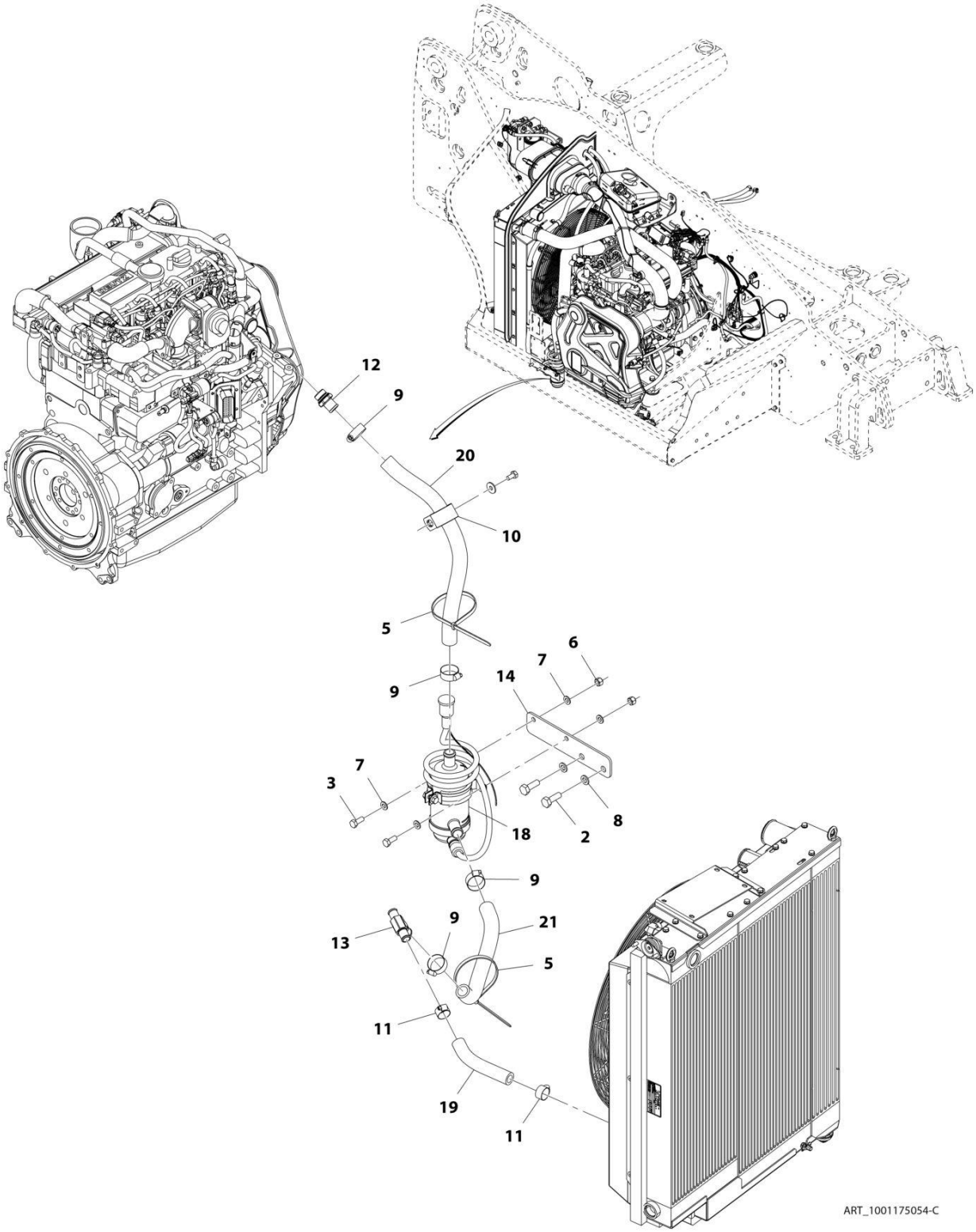


FIGURE 4-48. BLOCK HEATER INSTALLATION (120V)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175054	Ref	Block Heater Installation (120V)	C
2	0701014	2	Bolt, M10X30	
3	0760810	2	Bolt, M8X20	
5	1062255	2	Tie, Strap	
6	3290805	2	Nut, Lock M8X1.25 Grade 8	
7	4811900	4	Washer, M8	
8	4832000	2	Washer, Lock M10	
9	8405007	4	Clamp, Hose	
10	8406302	1	Clamp, Hose	
11	8410009	2	Clamp, Hose	
12	1001167408	1	Fitting, Straight Barb	
13	1001167773	1	Fitting, T-Barb	
14	1001189019	1	Bracket	
18	1001179910	1	Heater, Block (120V) (See Separate Breakdown in this Section)	
19	1001197806	1	Hose, Heater	
20	1001197807	1	Hose, Heater	
21	1001197808	1	Hose, Heater	

FIGURE 4-49. BLOCK HEATER (ULS)

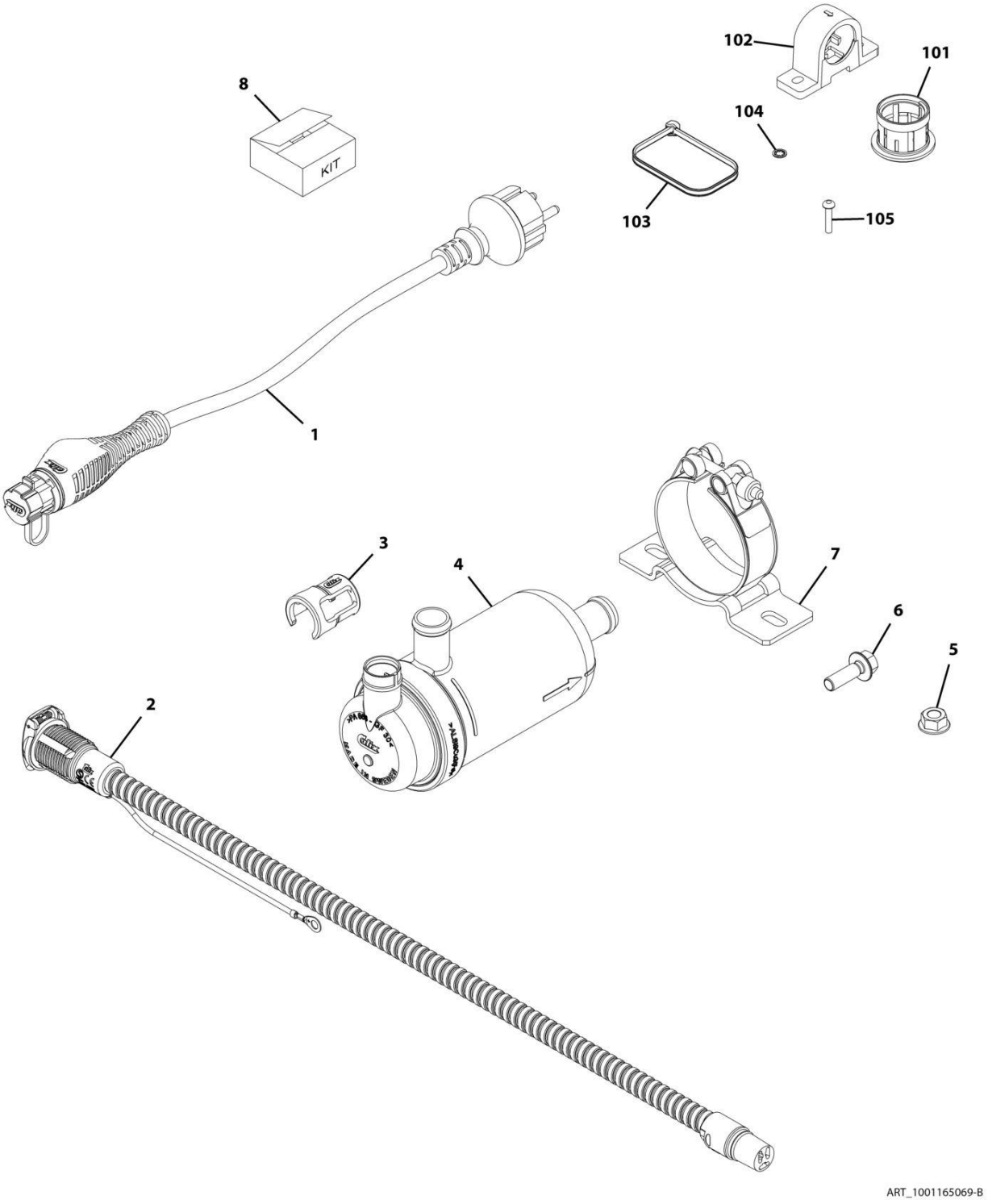


FIGURE 4-49. BLOCK HEATER (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165069	Ref	Block Heater (ULS)	B
1	70026718	1	Cable, Supply	
2	70026717	1	Cable, Inlet	
3	70026720	1	Clip, Safety	
4	70026721	1	Heater	
5	70026722	2	Nut, Flange M8X8	
6	70026723	2	Screw, Flange M8X25	
7	70026724	1	Clamp	
8	70026719	1	Kit, MK Assembly	
101	Kit	1	Expander	
102	Kit	1	Clamp	
103	Kit	5	Wrap, Tie	
104	Kit	2	Washer, Lock	
105	Kit	3	Screw	

FIGURE 4-50. BLOCK HEATER (LS)

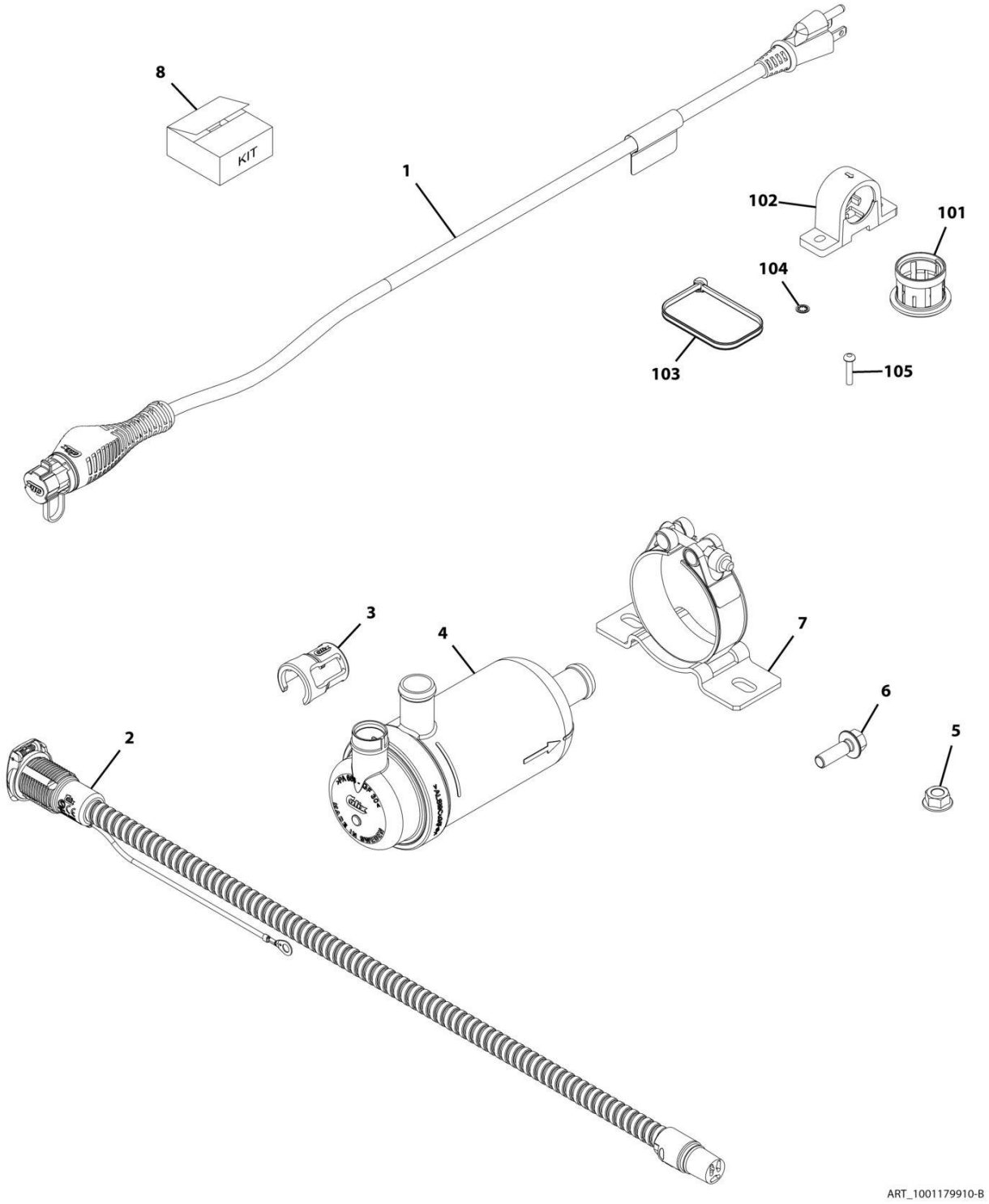


FIGURE 4-50. BLOCK HEATER (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179910	Ref	Block Heater (LS)	B
1	70026725	1	Cable, Supply	
2	70026726	1	Cable, Inlet	
3	70026720	1	Clip, Safety	
4	70026721	1	Heater	
5	70026722	2	Nut, Flange M8X8	
6	70026723	2	Screw, Flange M8X25	
7	70026724	1	Clamp	
8	70026719	1	Kit, MK Assembly	
101	Kit	1	Expander	
102	Kit	1	Clamp	
103	Kit	5	Wrap, Tie	
104	Kit	2	Washer, Lock	
105	Kit	3	Screw	

FIGURE 4-51. A/C PUMP INSTALLATION

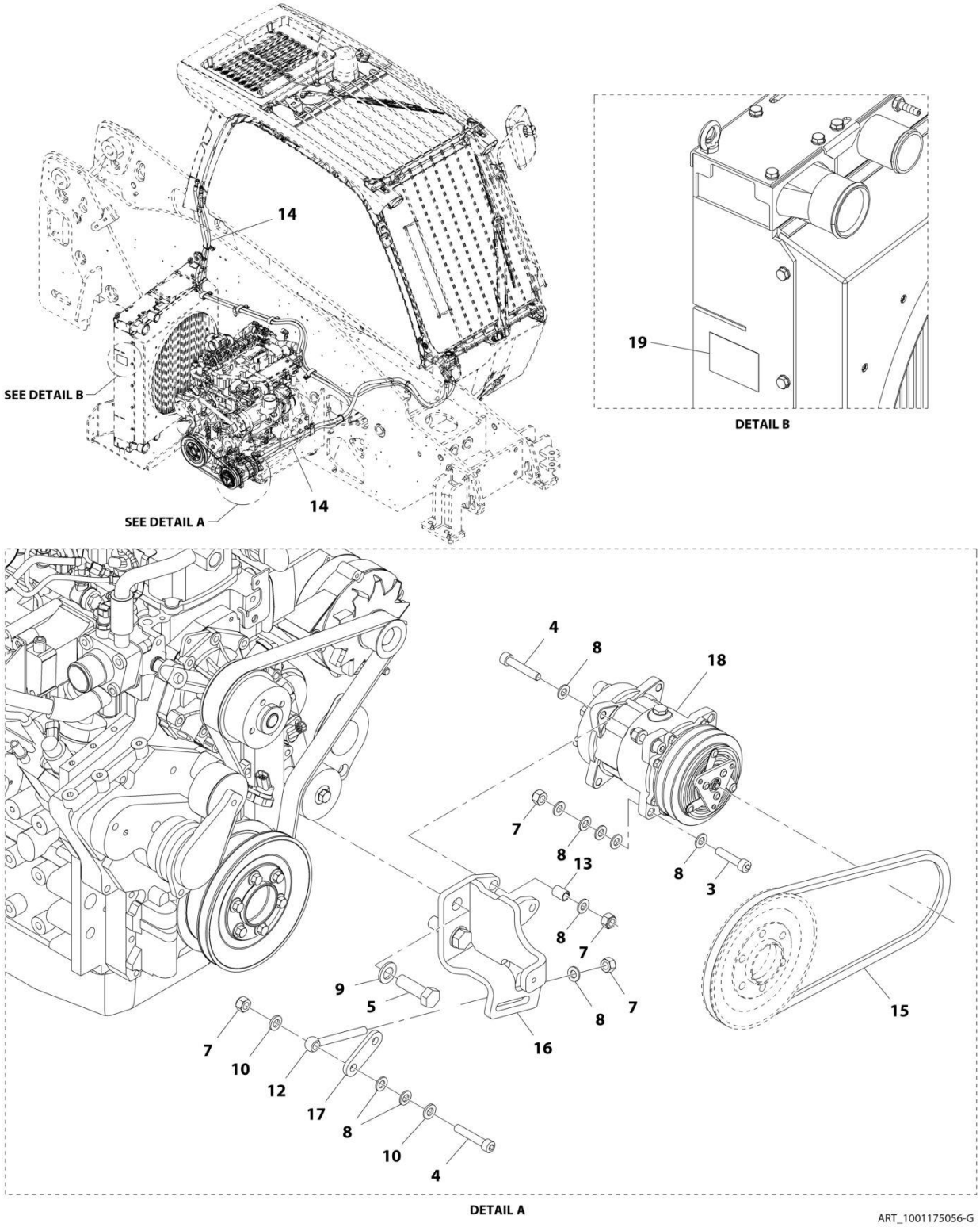


FIGURE 4-51. A/C PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175056	Ref	A/C Pump Installation	G
3	4032013	2	Bolt, M10X45	
4	4032015	2	Bolt, M10X55	
5	0701618	2	Bolt, M16X50	
7	3291005	5	Nut, M10X1.5 Grade 8	
8	4812000	12	Washer, M10	
9	4812300	2	Washer, M16	
10	5241000	2	Washer, M10	
12	8310737	1	Rod, End M10X1.5X100	
13	1001131818	1	Bushing	
14	1001183801	Ref	Installation, A/C Lines (See Separate Breakdown in this Section)	
15	1001189201	1	Belt, A/C Drive	
16	1001189206	1	Bracket, A/C Compressor	
17	1001189222	1	Plate	
18	1001119220	1	Compressor	
19	1001227090	1	Decal, A/C Refrigerant	

FIGURE 4-52. A/C LINES INSTALLATION

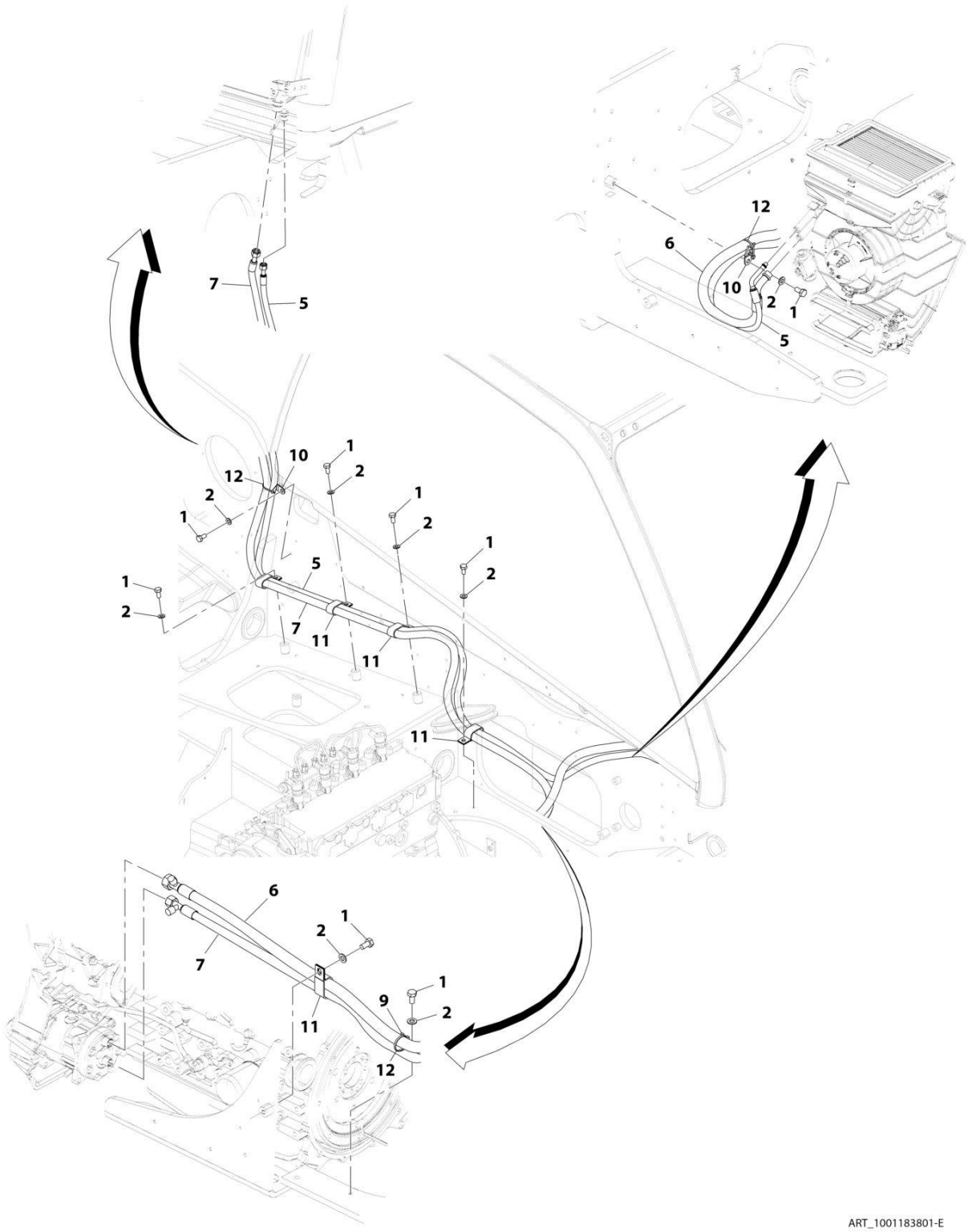


FIGURE 4-52. A/C LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183801	Ref	A/C Lines Installation	E
1	0761010	8	Bolt, M10X20	
2	4812000	8	Washer, M10	
5	1001218250	NLA	Hose, 6MM (no longer available, use 1001226330 for replacement)	
5	1001226330	1	Hose, 10MM	
6	1001218249	NLA	Hose, 10MM (no longer available, use 1001226331 for replacement)	
6	1001226331	1	Hose, 16MM	
7	1001183799	NLA	Hose (no longer available, use 1001226332 for replacement)	
7	1001226332	1	Hose	
9	1001003305	1	Clip	
10	1001008593	2	Clip	
11	1001008720	5	Clip	
12	1001008559	3	Tie, Strap	

FIGURE 4-53. HYDROSTATIC PUMP INSTALLATION

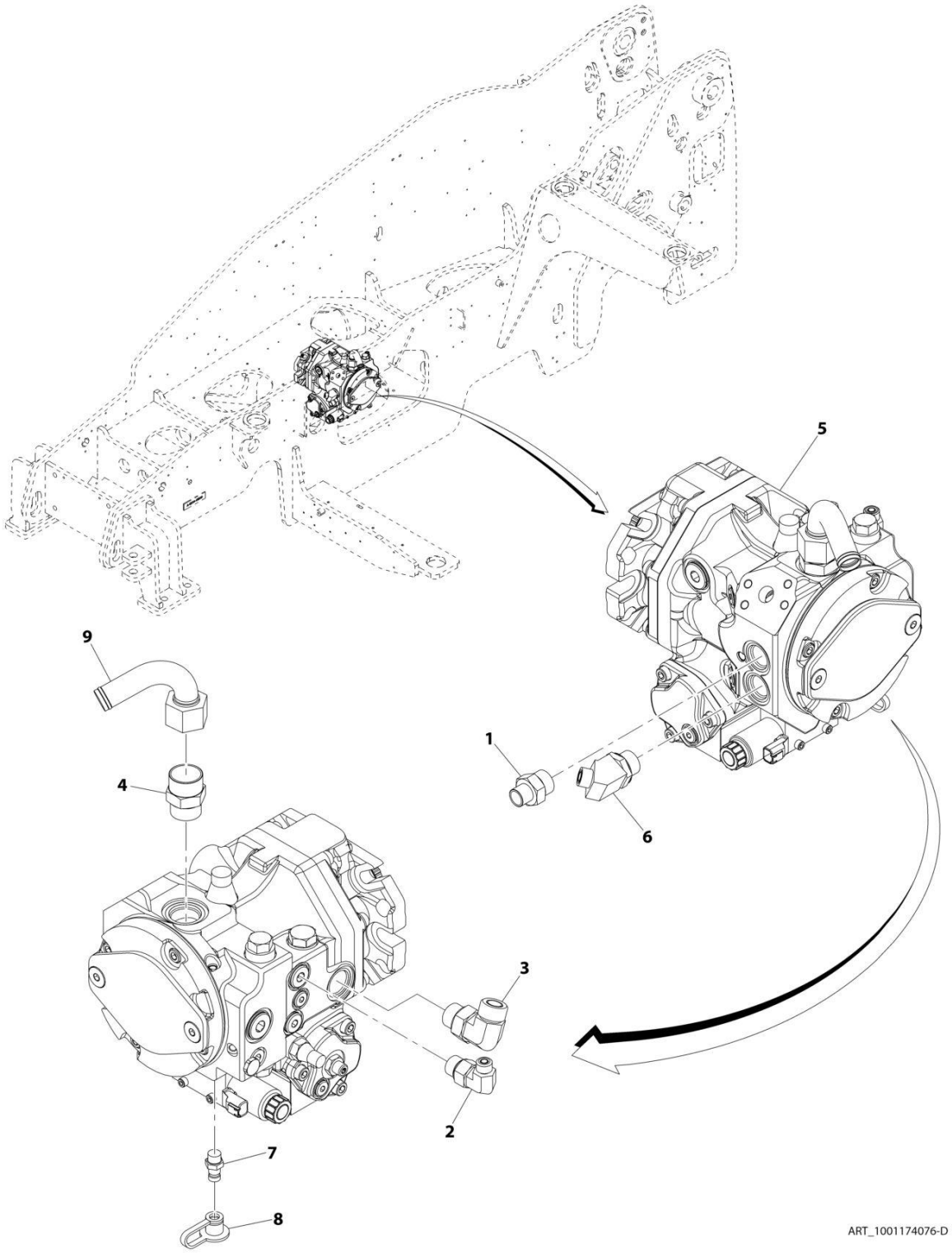
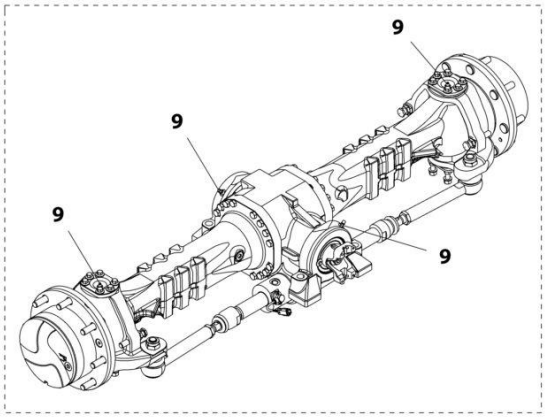


FIGURE 4-53. HYDROSTATIC PUMP INSTALLATION

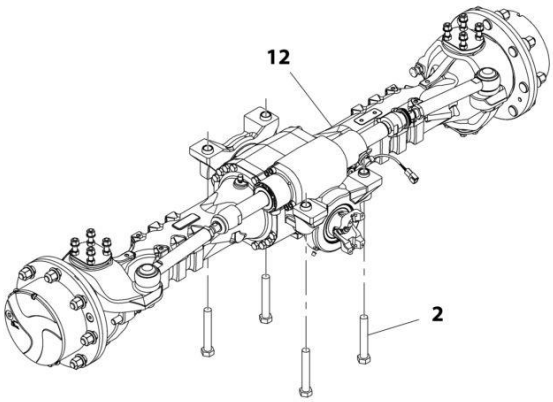
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174076	Ref	Hydrostatic Pump Installation	D
1	2110812	1	Fitting, Straight ORFS	
2	2130610	1	Fitting, 90 ORFS	
3	2131212	1	Fitting, 90 ORFS	
4	1001143936	1	Fitting, 90 ORFS **(Prior to SN 1160008627)**	
4	2111616	1	Fitting, Straight ORFS **(SN 1160008627 to Present)**	
5	1001179021	1	Pump, Hydrostatic (See Separate Breakdown in Drivetrain Section)	
6	1001183748	1	Fitting, 45 ORFS	
7	1001003590	1	Fitting, Straight	
8	1001008761	1	Cap, Dust	
9	1001185073	1	Fitting, Straight **(Prior to SN 1160008627)**	
9	1001223087	1	Pipe **(SN 1160008627 to Present)**	

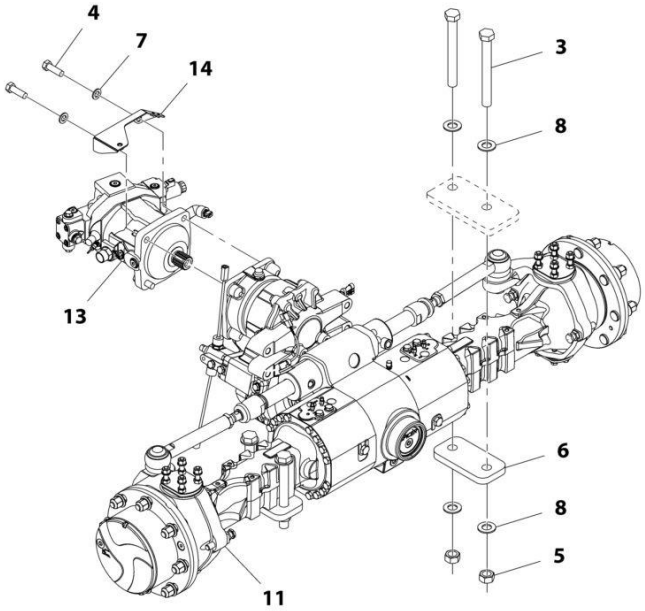
SECTION 5 - DRIVE TRAIN

FIGURE 5-1. AXLES INSTALLATION (20IN WHEEL)



BOTTOM VIEW OF REAR AXLE





ART_1001174688-G

FIGURE 5-1. AXLES INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174688	Ref	Axles Installation (20IN Wheel)	G
2	0712030	4	Bolt, M20X130 Grade 10.9	
3	0712439	4	Bolt, M24X220 Grade 10.9	
4	0771618	4	Bolt, M16X50 Grade 10.9	
5	3332411	4	Nut, M24X3	
6	1001190513	2	Plate	
7	4812300	4	Washer, M16	
8	5242400	8	Washer, M24	
9	1001008462	AR	Grease	
11	1001214517	1	Axle, Front (20IN Wheel) (See Separate Breakdown in this Section)	
12	1001214518	1	Axle, Rear (20IN Wheel) (See Separate Breakdown in this Section)	
13	1001174077	Ref	Installation, Hydrostatic Motor (See Separate Breakdown in this Section)	
14	1001195777	1	Bracket, Brake/Steer	

FIGURE 5-2. AXLES INSTALLATION (24IN WHEEL)

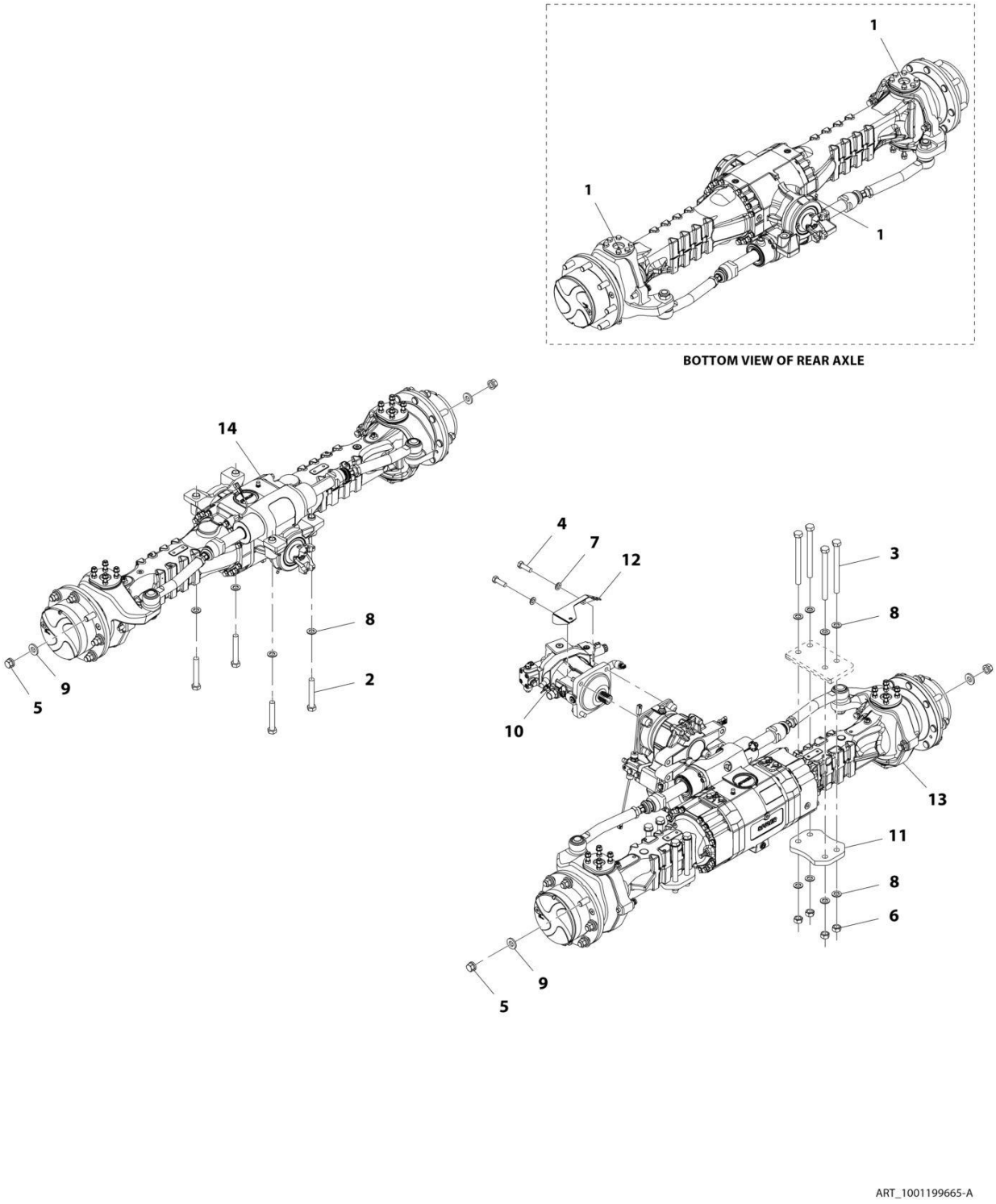


FIGURE 5-2. AXLES INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199665	Ref	Axles Installation (24IN Wheel)	A
1	1001008462	AR	Grease	
2	0712030	4	Bolt, M20X130 Grade 10.9	
3	0712040	8	Bolt, M20X230	
4	0771618	4	Bolt, M16X50 Grade 10.9	
5	3300479	32	Nut, M22X1.5	
6	3332011	8	Nut, M20X2.5	
7	4812300	4	Washer, M16	
8	8310620	20	Washer, M20	
9	1001114802	32	Washer	
10	1001174077	Ref	Installation, Hydrostatic Motor (See Separate Breakdown in this Section)	
11	1001190542	2	Plate	
12	1001195777	1	Bracket, Brake/Steer	
13	1001202651	1	Axle, Front (24IN Wheel) (See Separate Breakdown in this Section)	
14	1001202652	1	Axle, Rear (24IN Wheel) (See Separate Breakdown in this Section)	

FIGURE 5-3. HYDROSTATIC MOTOR INSTALLATION

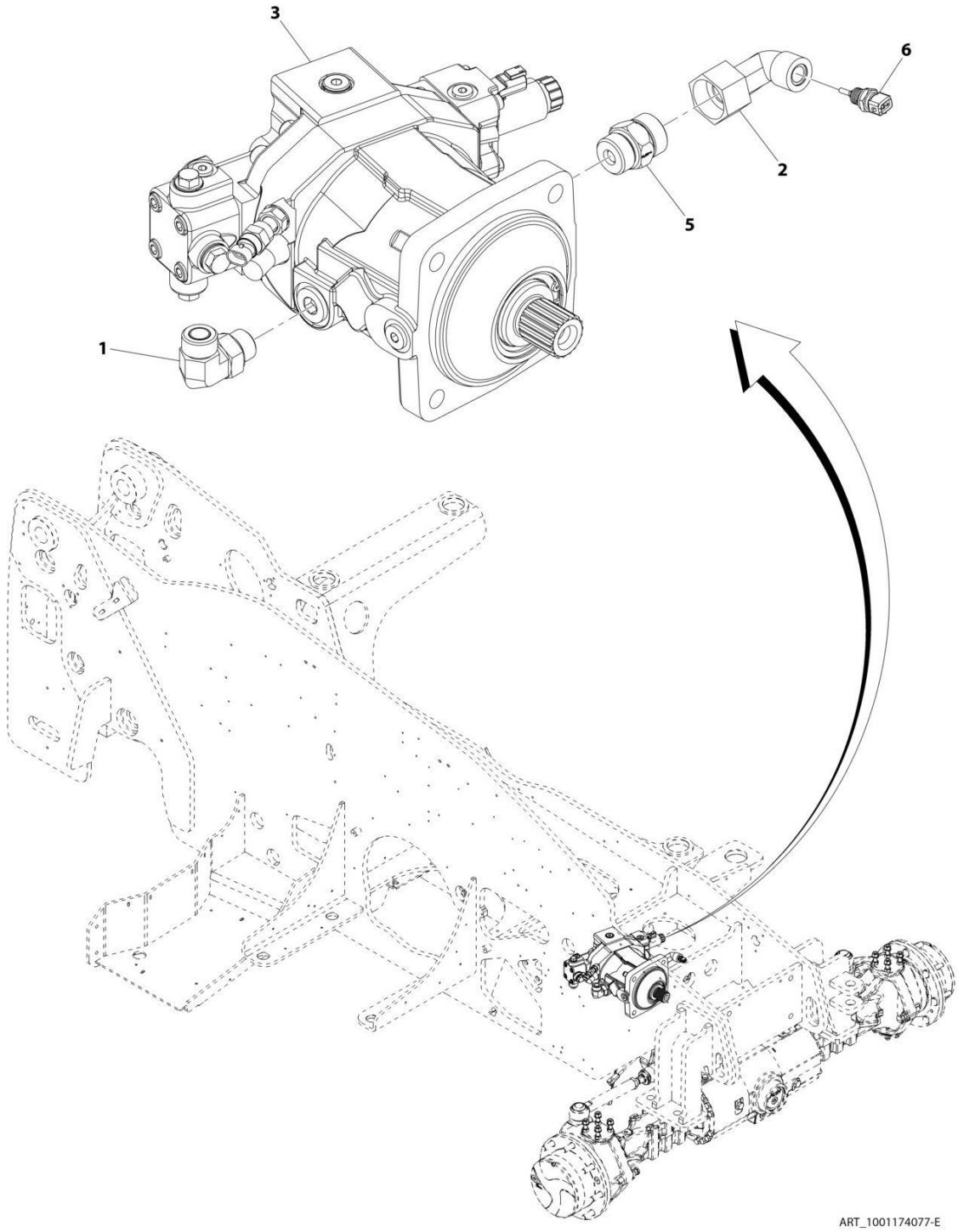


FIGURE 5-3. HYDROSTATIC MOTOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174077	Ref	Hydrostatic Motor Installation	E
1	2111212	1	Fitting, Straight ORFS **(Prior to SN 1160008627)**	
1	2131212	1	Fitting, 90 ORFS **(SN 1160008627 to Present)**	
2	1001204194	1	Pipe 90 ORFS Sensor	
3	1001179022	1	Motor, Hydrostatic Drive (See Separate Breakdown in this Section)	
5	1001200385	1	Valve, Check	
6	1001206613	1	Sensor, Temperature Oil	

FIGURE 5-4. HYDROSTATIC DRIVE MOTOR

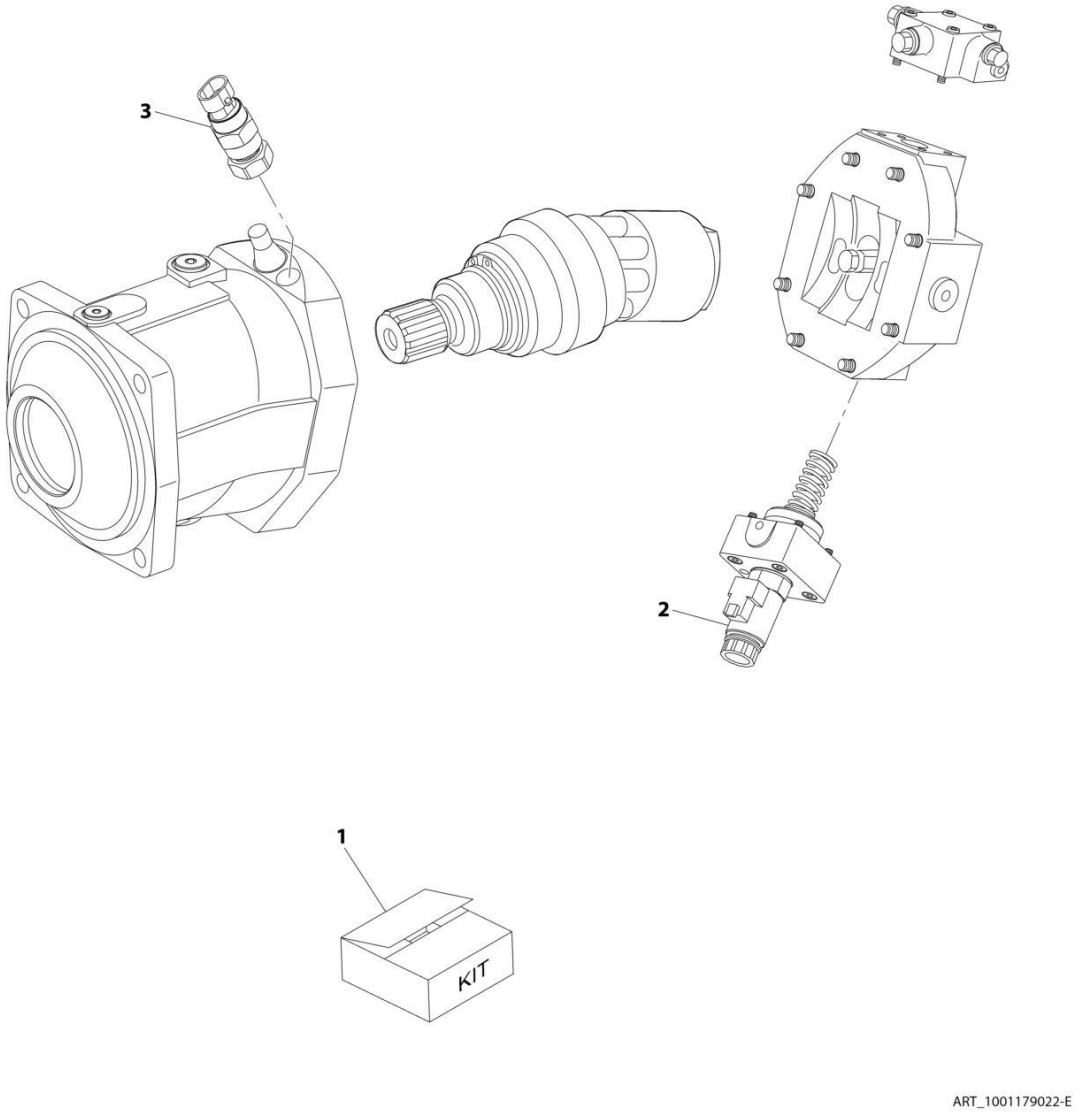
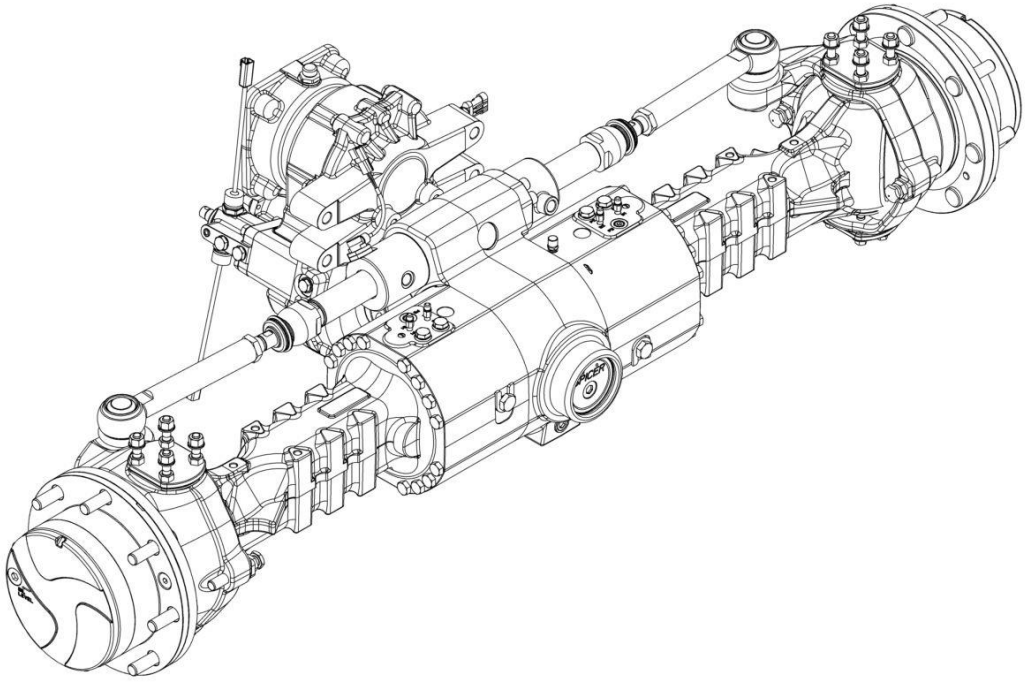


FIGURE 5-4. HYDROSTATIC DRIVE MOTOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179022	Ref	Hydrostatic Drive Motor	E
1	Kit	1	Kit, Seal	
	Kit	1	Lip, Rotary Shaft	
	Kit	1	O-Ring	
	Kit	2	Nut	
	Kit	7	O-Ring	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	2	O-Ring	
	Kit	3	O-Ring	
	Kit	2	O-Ring	
	Kit	2	Ring, Thrust	
	Kit	1	Nut	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	Ring, Seal	
2	70003170	1	Coil	
3	70027602	1	Sensor	

FIGURE 5-5. FRONT AXLE (20IN WHEEL)



ART_1001214517-A

FIGURE 5-5. FRONT AXLE (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214517	Ref	Front Axle (20IN Wheel)	A
		Ref	**Front Axle, Central Housing (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Front Axle, Differential (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Front Axle, Hub Reduction (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Front Axle, Brakes (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Front Axle, Steering (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Front Axle, Gear Box (20IN Wheel) (See Separate Breakdown in this Section)**	

FIGURE 5-6. FRONT AXLE, CENTRAL HOUSING (20IN WHEEL)

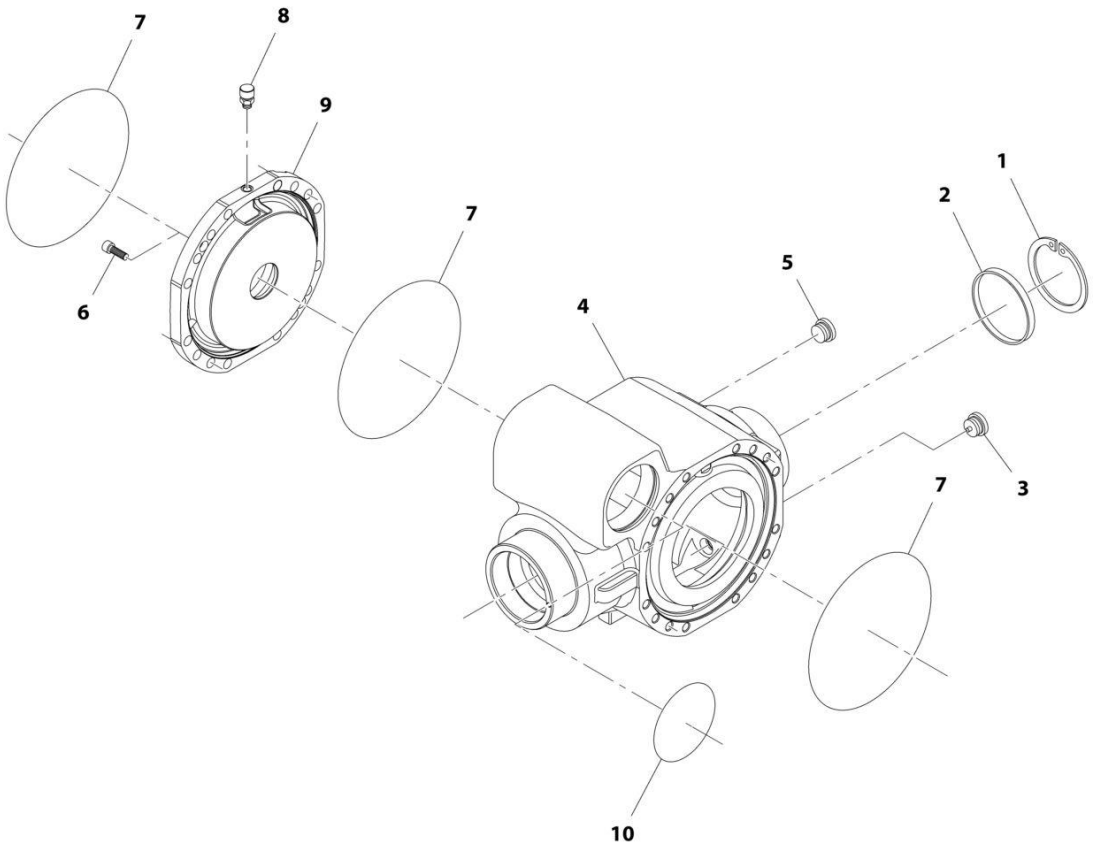
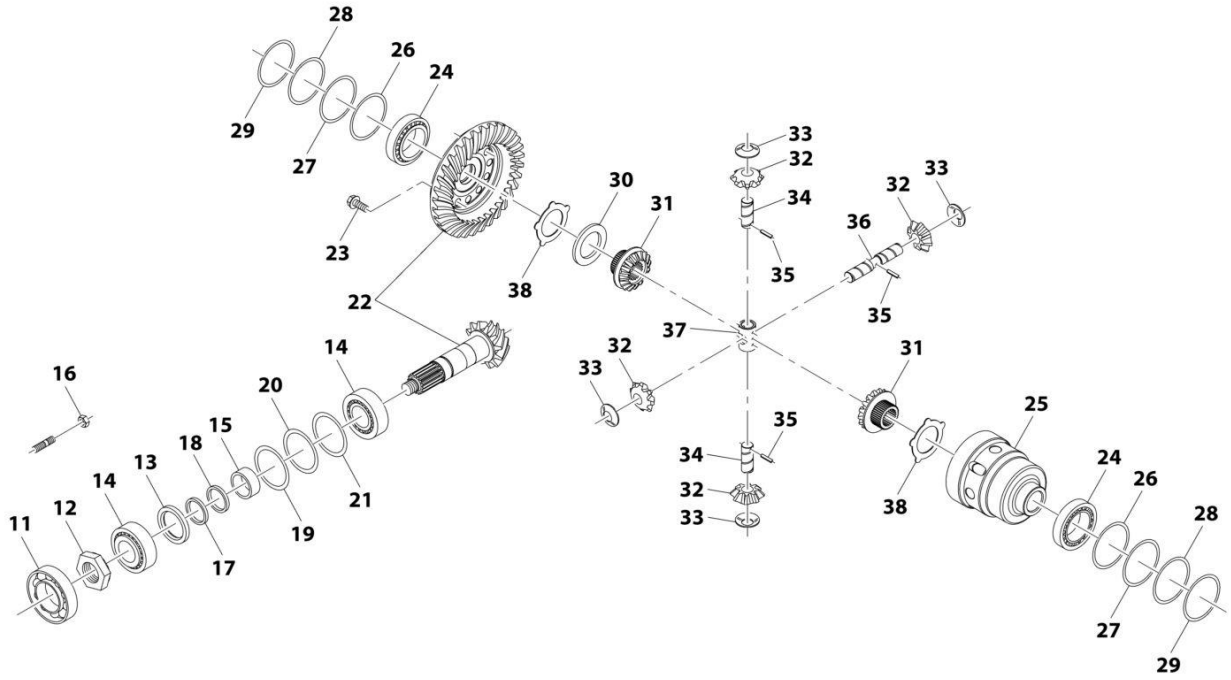


FIGURE 5-6. FRONT AXLE, CENTRAL HOUSING (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	80204005	1	Circlip	
2	70026858	1	Plug	
3	70021177	1	Plug	
4	70026859	1	Housing	
5	91514087	1	Plug	
6	70026860	2	Bolt	
7	70021147	3	O-Ring	
8	91474512	1	Vent	
9	70026861	1	Cover	
10	70026862	1	O-Ring	

FIGURE 5-7. FRONT AXLE, DIFFERENTIAL (20IN WHEEL)



ART_1001214517_2-A

FIGURE 5-7. FRONT AXLE, DIFFERENTIAL (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
11	91514146	1	Bearing, Ball	
12	70026863	1	Nut, Ring	
13	80204275	1	Seal	
14	70020234	2	Bearing	
15	70020233	1	Spacer	
16	70026865	8	Nut	
17	70020236	1	Ring	
18	70024865	1	Ring	
19	70026866	1	Shim	
20	70026867	1	Shim	
21	70020237	1	Shim	
22	70026868	1	Gear Set, Bevel	
23	70020251	12	Bolt	
24	70020240	2	Bearing, Taper Roller	
25	70026869	1	Carrier, Differential	
26	70024868	2	Shim	
27	70024869	2	Shim	
28	70020239	2	Shim	
29	70024870	2	Shim	
30	70020242	1	Washer	
31	70020243	2	Gear, Side Differential	
32	70020244	4	Pinion, Differential	
33	70020245	4	Washer	
34	70021929	2	Pin	
35	70020247	3	Dowel	
36	70021928	1	Pin	
37	70020249	1	Retainer	
38	70020271	2	Disc, Clutch	

FIGURE 5-8. FRONT AXLE, HUB REDUCTION (20IN WHEEL)

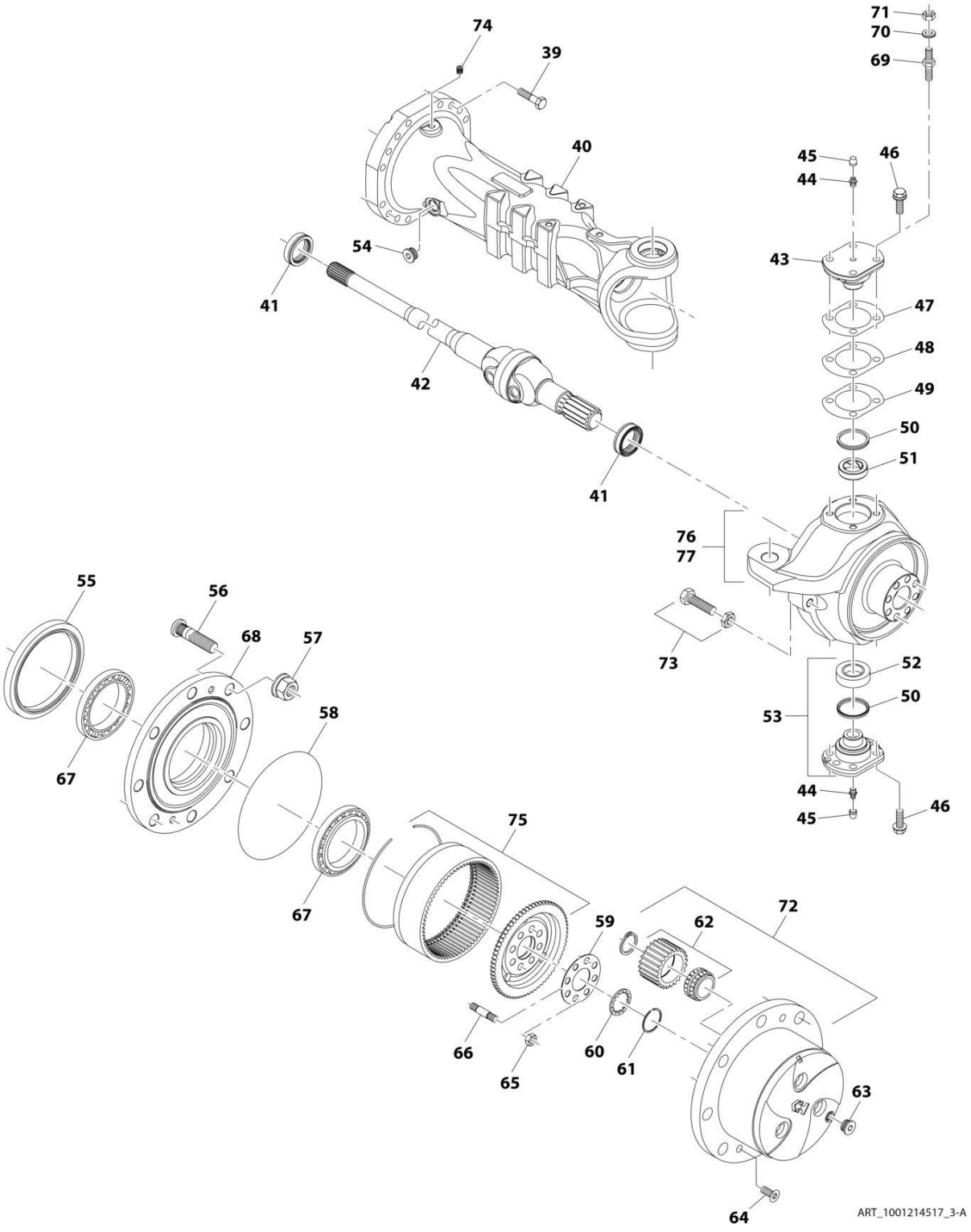
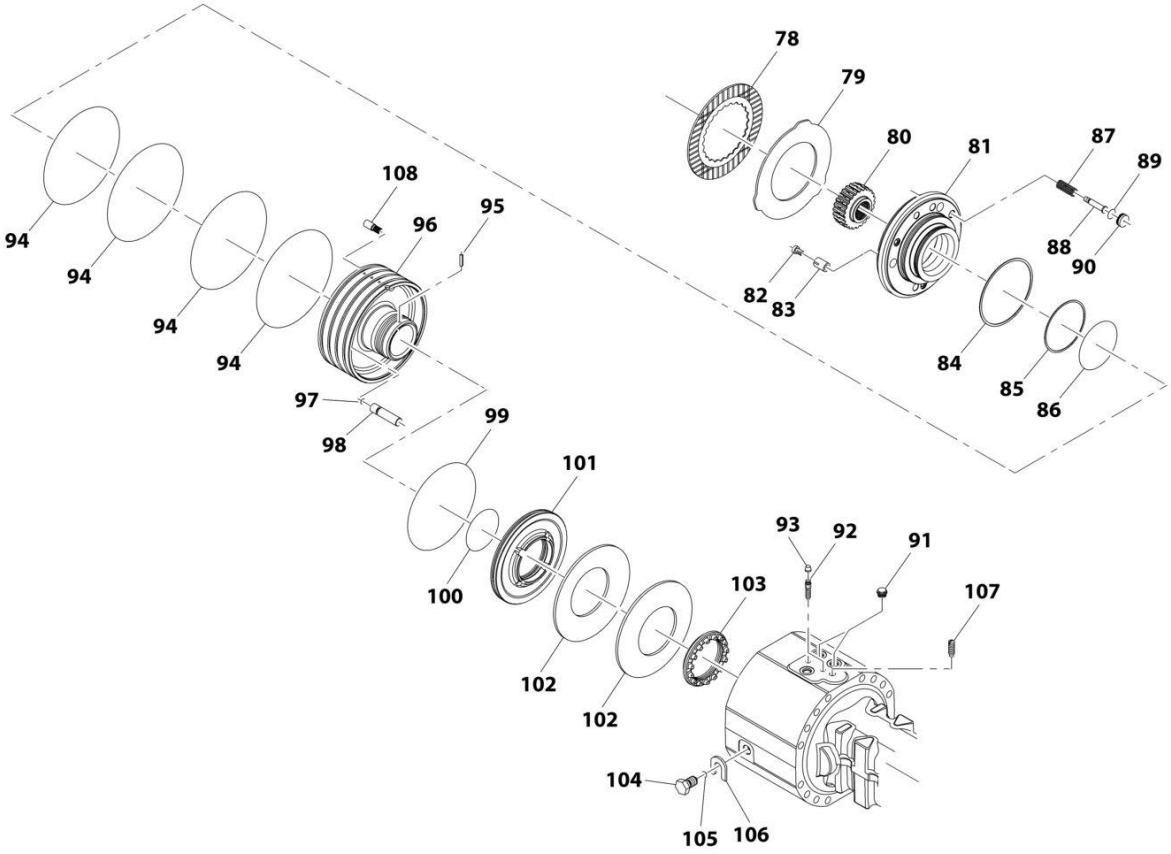


FIGURE 5-8. FRONT AXLE, HUB REDUCTION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
39	70026870	32	Bolt	
40	70026871	2	Case, Axle	
41	70021151	4	Seal	
42	70026872	2	Joint, Double Universal	
43	70021153	2	Pin, Pivot	
44	91514099	4	Fitting, Grease	
45	80204117	4	Plug	
46	91514123	12	Bolt	
47	70026873	2	Shim	
48	70026874	2	Shim	
49	70021154	2	Shim	
50	70021155	2	Seal	
51	70020173	2	Bushing	
52	70021156	2	Joint	
53	70021157	2	Pin, Pivot	
54	91514188	2	Plug	
55	70026002	2	Seal	
56	70027149	16	Stud, Wheel	
57	70026875	NLA	Nut (No Longer Available, Use Item 70030769)	
57	70030769	16	Nut	
58	91474507	2	O-Ring	
59	70024885	2	Plate, Locking	
60	70024886	2	Spacer	
61	70024887	2	Circlip	
62	70023900	6	Kit, Planet Gear (See Separate Breakdown in this Section)	
63	91514087	1	Plug	
64	91514189	4	Bolt	
65	70024889	16	Nut	
66	70024890	16	Stud	
67	70021181	4	Bearing	
68	70024891	2	Hub, Wheel	
69	70025819	8	Stud	
70	91514119	8	Washer	
71	91514120	8	Nut	
72	70024892	2	Kit, Planet Gear Carrier (See Separate Breakdown in this Section)	
73	7028733	4	Kit, Steering Adjust Bolt (See Separate Breakdown in this Section)	
74	70020282	4	Plug	
75	70024894	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
76	70026876	1	Kit, Steering Case (LF, RR) (See Separate Breakdown in this Section)	
77	70026877	1	Kit, Steering Case (RF, LR) (See Separate Breakdown in this Section)	

FIGURE 5-9. FRONT AXLE, BRAKES (20IN WHEEL)



ART_1001214517_4-A

FIGURE 5-9. FRONT AXLE, BRAKES (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
78	70026878	6	Disc	
79	70024528	8	Disc, Intermediate Brake	
80	70026879	2	Bushing, Reduction	
81	70026880	2	Piston	
82	7029788	6	Bolt, Adjusting	
83	91514165	6	Spring	
84	70026263	2	Seal	
85	70020283	2	Ring, Backup	
86	70020281	2	O-RING	
87	70026881	6	Spring	
88	70026882	6	Bolt, Adjusting	
89	91514109	6	O-Ring	
90	70026883	6	Plug	
91	91514154	4	Bolt	
92	80204281	4	Bleeding Bolt	
93	80204117	4	Plug	
94	70026747	8	Seal	
95	70020247	2	Dowel	
96	70026884	2	Piston	
97	70020290	6	O-Ring	
98	70026885	6	Pin	
99	70020292	2	O-Ring	
100	70020293	2	O-Ring	
101	70024897	2	Piston	
102	70020295	4	Spring	
103	70020296	2	Nut, Ring	
104	70020297	4	Bolt	
105	80204111	4	O-Ring	
106	70020298	4	Spacer	
107	70020299	2	Bolt	
108	70021613	2	Bolt	

FIGURE 5-10. FRONT AXLE, STEERING (20IN WHEEL)

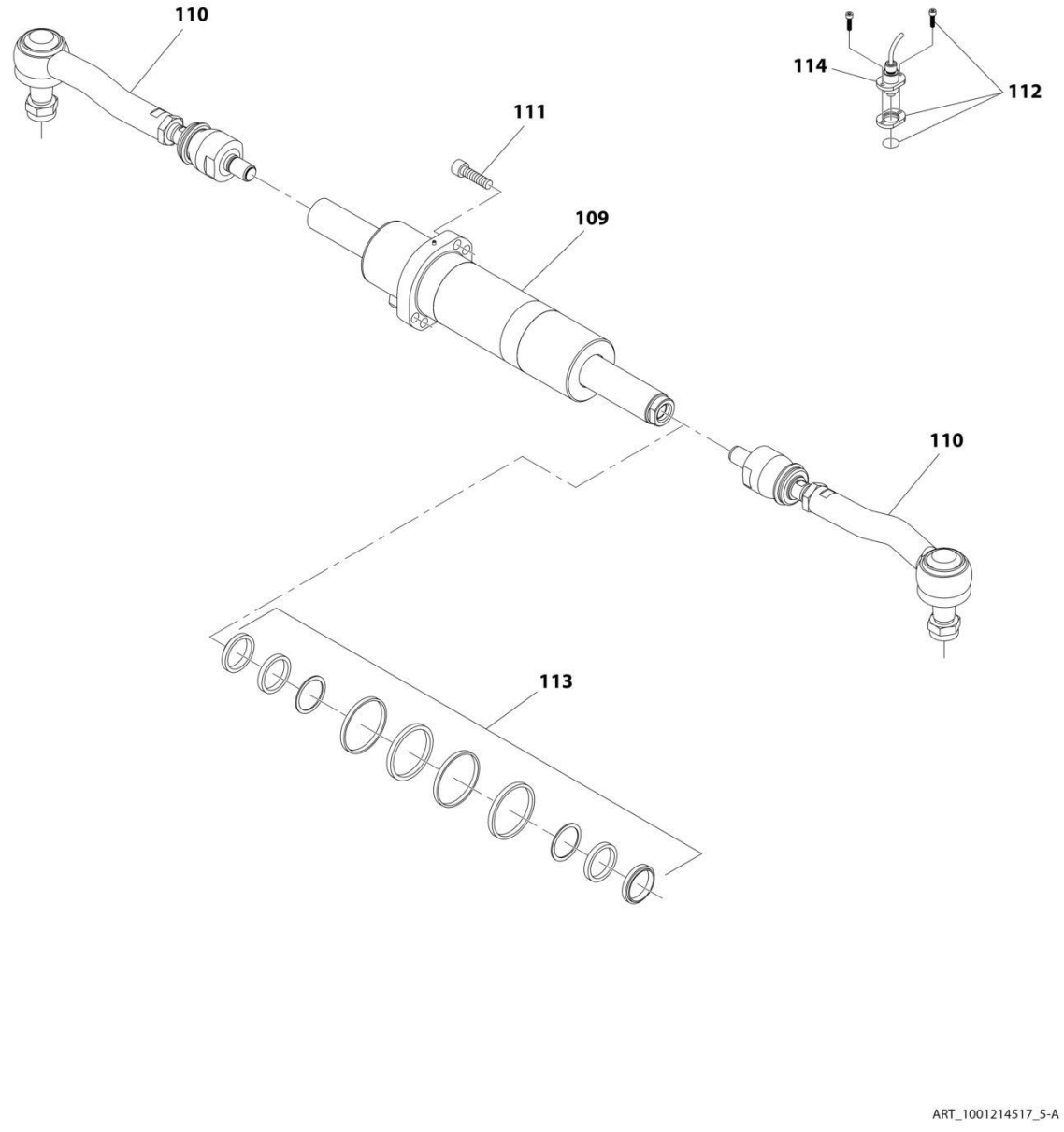


FIGURE 5-10. FRONT AXLE, STEERING (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
109	70026886	1	Cylinder	
110	70026887	2	Rod	
110	70022773	2	Nut	
111	70020269	4	Bolt	
112	70026888	1	Spacer	
113	70026889	1	Kit, Seal	
114	70026808	1	Sensor	

FIGURE 5-11. FRONT AXLE, GEAR BOX (20IN WHEEL)

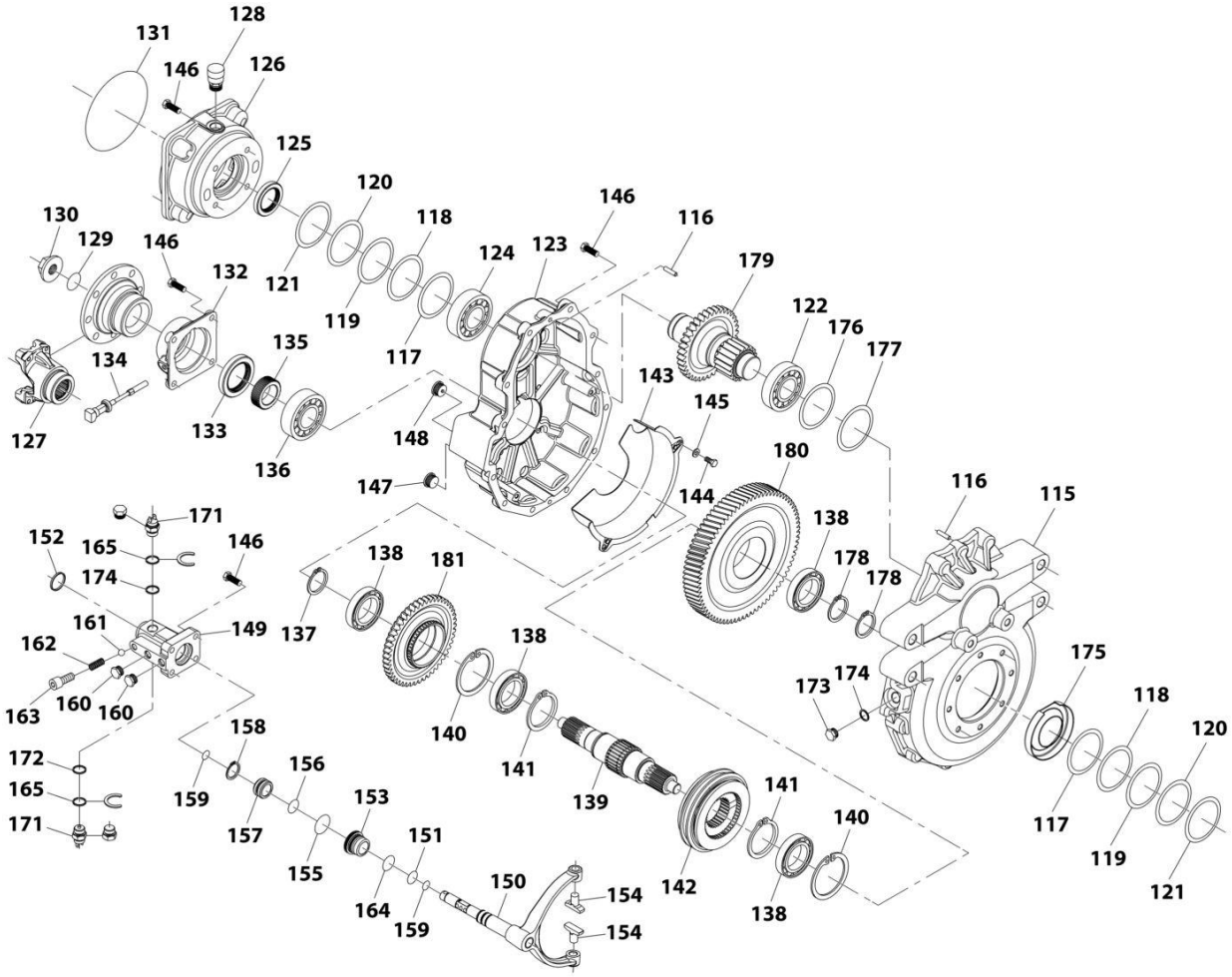


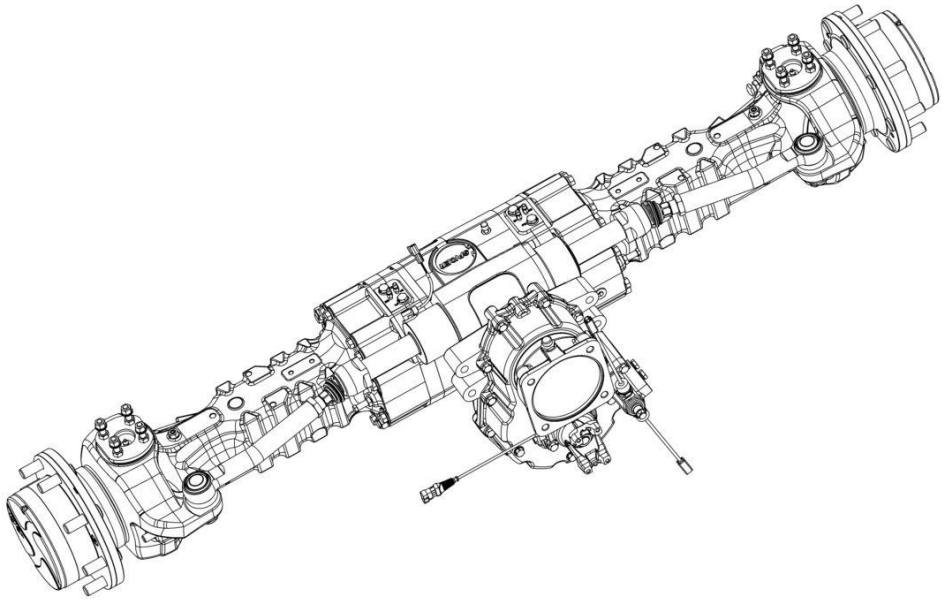
FIGURE 5-11. FRONT AXLE, GEAR BOX (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
115	70026891	1	Housing	
116	70026892	2	Dowel	
117	80204207	1	Shim	
118	8034641	1	Shim	
119	8020420	1	Shim	
120	80204209	1	Shim	
121	80204210	1	Shim	
122	70026904	1	Bearing, Ball	
123	70026894	1	Cover	
124	91514146	1	Bearing, Ball	
125	70026896	1	Seal	
126	70026897	1	Cover	
127	70026898	1	Flange	
128	70026899	1	Vent	
129	80204215	1	O-Ring	
130	91474528	1	Nut	
131	1001081085	1	O-Ring	
132	70026900	1	Cover	
133	70026901	1	Seal	
134	70026902	1	Sensor	
135	70026903	1	Wheel, Phonic	
136	91474364	1	Bearing	
137	80204071	1	Circlip	
138	70026895	4	Bearing, Ball	
139	70026905	1	Shaft, Output	
140	80204071	3	Circlip	
141	70026906	2	Circlip	
142	70026907	1	Synchronizer	
143	70026908	1	Sheet	
144	70026909	2	Bolt	
145	70027110	2	Washer, Lock	
146	70026911	12	Bolt	
147	80204016	1	Plug	
148	80204007	1	Plug	
149	70026912	1	Cylinder	
150	70026913	1	Shaft	
151	70026914	1	O-Ring	
152	70026915	1	Seal	
153	70026916	1	Bushing, Reduction	
154	70026917	2	Pin	
155	70026918	1	O-Ring	
156	70026919	1	O-Ring	
157	70026920	1	Piston	
158	70026921	2	Circlip	
159	70026922	2	O-Ring	
160	91514154	2	Bolt	
161	70020276	1	Ball, Detend	
162	80203021	1	Spring	
163	70026923	1	Bolt	
164	70026924	1	O-Ring	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
165	70026925	1	Kit, Shim	
166	70026926	2	Switch	
167	70026927	1	Seal	
168	70024877	1	Bolt	
169	70024876	2	Washer	
170	70026928	1	Catcher, Oil	
171	70026929	1	Shim	
172	70026930	1	Shim	
173	70026931	2	Circlip	
174	70026932	1	Input, Shaft	
175	70026933	1	Gear	
176	70026934	1	Gear	

FIGURE 5-12. FRONT AXLE (24IN WHEEL)



ART_1001202651-B

FIGURE 5-12. FRONT AXLE (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202651	Ref	Front Axle (24IN Wheel)	B
		Ref	Front Axle, Central Housing (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Differential (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Hub Reduction (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Brakes (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Steering (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Gear Box (24IN Wheel) (See Separate Breakdown in this Section)	

FIGURE 5-13. FRONT AXLE, CENTRAL HOUSING (24IN WHEEL)

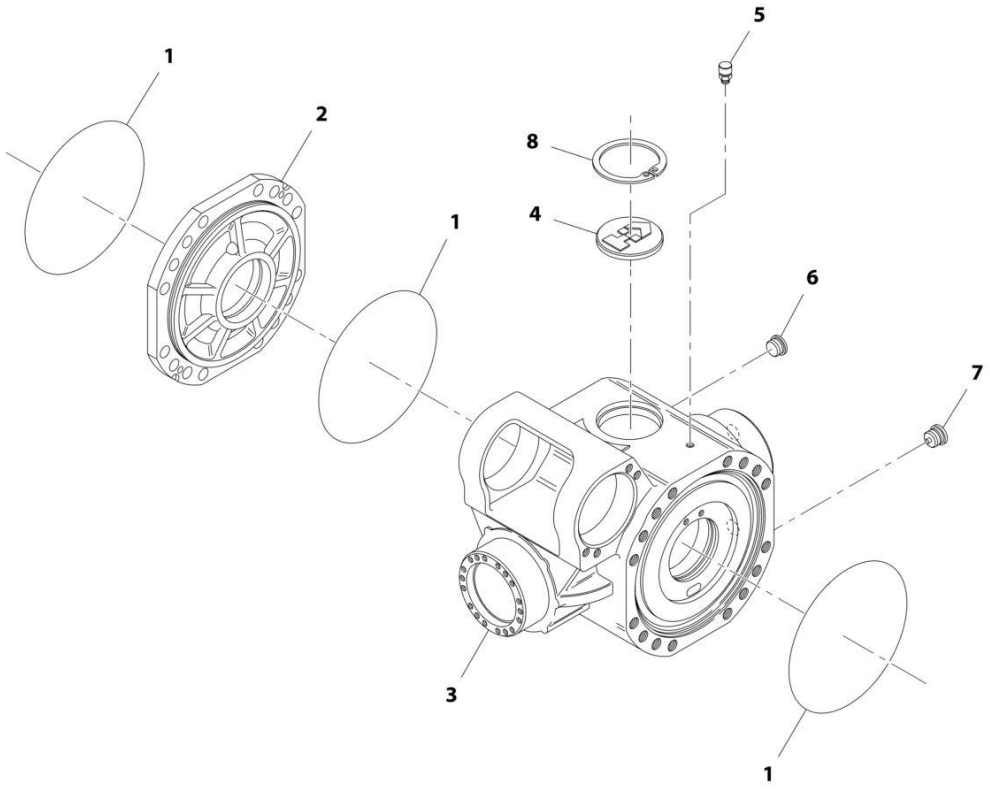


FIGURE 5-13. FRONT AXLE, CENTRAL HOUSING (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	91474507	3	O-Ring	
2	70024872	1	Cover	
3	70027115	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
6	91514188	1	Plug	
7	91474513	1	Plug, Magnet	
8	80204005	1	Circlip	

FIGURE 5-14. FRONT AXLE, DIFFERENTIAL (24IN WHEEL)

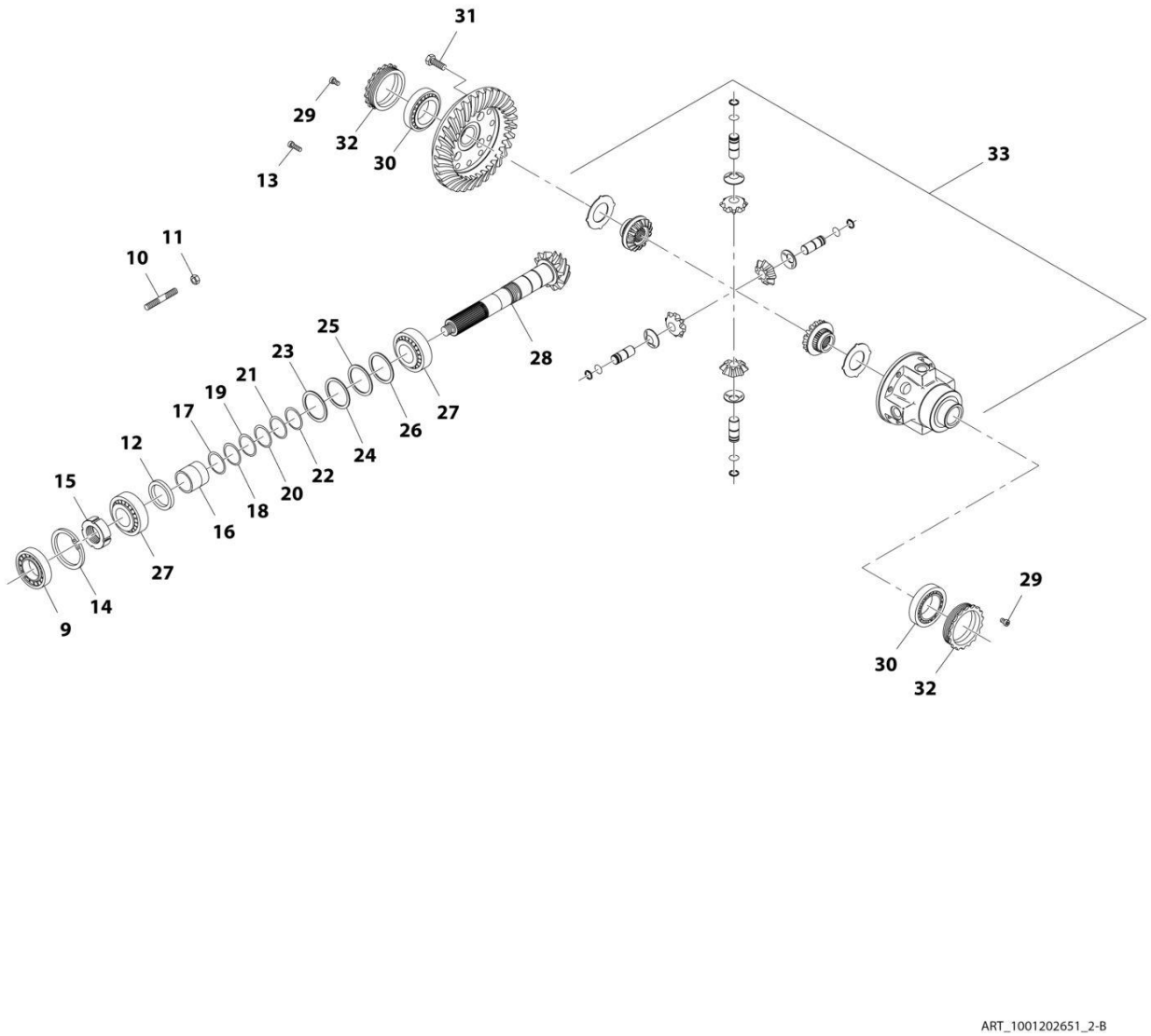


FIGURE 5-14. FRONT AXLE, DIFFERENTIAL (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
9	91514146	1	Bearing, Ball	
10	70026864	8	Stud	
11	70026865	8	Nut	
12	7028076	1	Seal	
13	91474591	4	Bolt	
14	80204005	1	Circlip	
15	91474533	1	Nut, Ring	
16	70027112	1	Spacer	
17	91474535	1	Shim	
18	91474536	1	Shim	
19	91474537	1	Shim	
20	91474538	1	Shim	
21	70024520	1	Shim	
22	70024521	1	Shim	
23	91474540	1	Shim	
24	91474541	1	Shim	
25	91474542	1	Shim	
26	91474543	1	Shim	
27	3968141	2	Bearing, Taper Roller	
28	70027113	1	Gear Set, Bevel	
29	91514134	2	Bolt	
30	70026031	2	Bearing, Taper Roller	
31	91514123	12	Bolt	
32	91474547	2	Nut, Ring	
33	7028710	1	Kit, Differential (See Separate Breakdown in this Section)	

FIGURE 5-15. FRONT AXLE, HUB REDUCTION (24IN WHEEL)

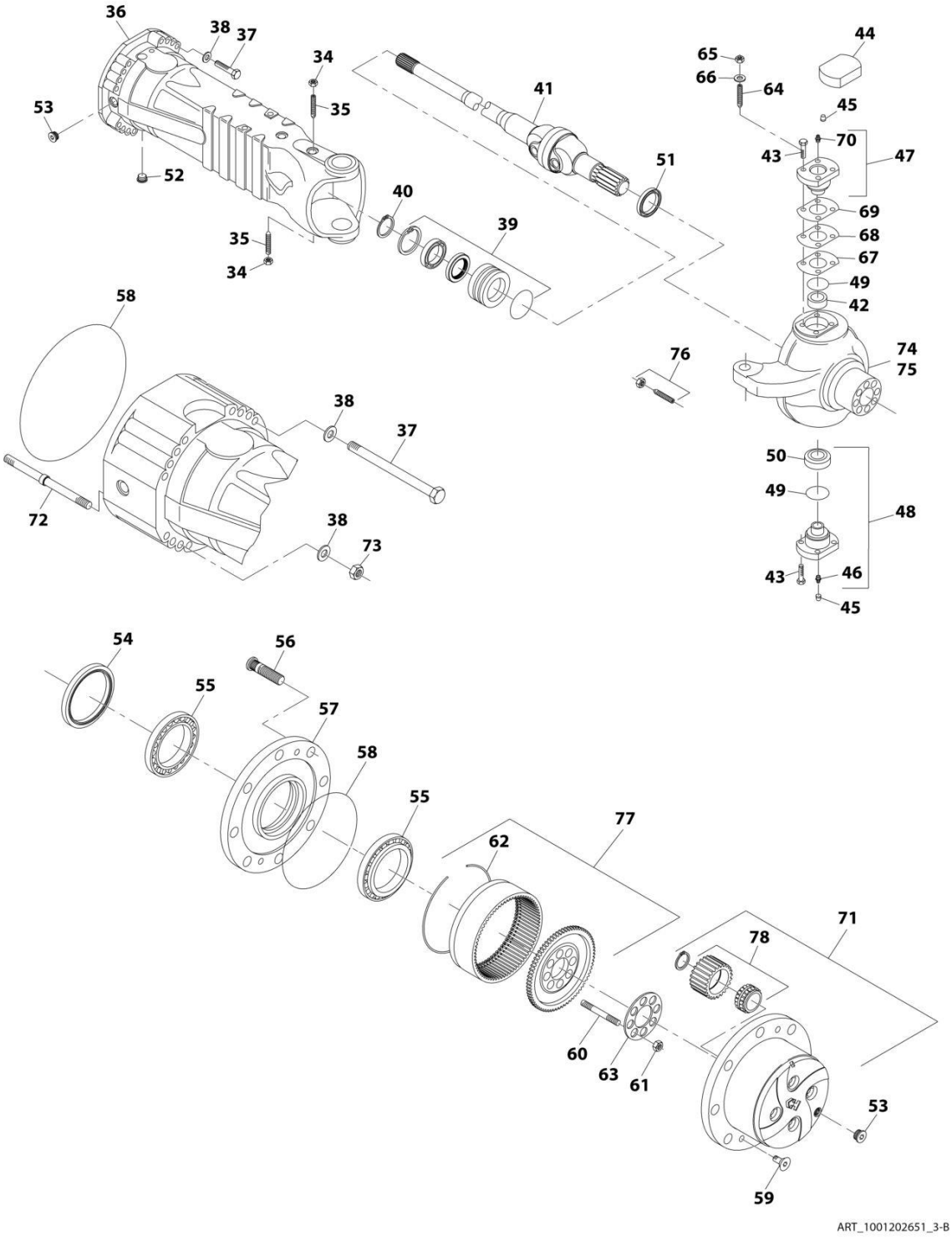


FIGURE 5-15. FRONT AXLE, HUB REDUCTION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
34	91514082	2	Nut	
35	2400600	2	Bolt	
36	70027116	2	Case, Axle	
37	70025012	24	Bolt	
38	91514084	8	Washer	
39	91514149	2	Kit, Reduction Bushing (See Separate Breakdown in this Section)	
40	80204071	2	Circlip	
41	70025928	2	Joint, Double Universal	
42	70020173	2	Bushing	
43	70025562	12	Bolt	
44	70025549	2	Cover	
45	80204117	4	Plug	
46	91514099	2	Fitting, Grease	
47	70025567	2	Pin, Pivot	
48	8006605	2	Pin, Pivot	
49	2401043	4	Seal	
50	2401258	2	Bearing	
51	8007771	2	Seal	
52	91474513	2	Plug, Magnet	
53	91514188	4	Plug	
54	7029430	2	Seal	
55	3984301	4	Bearing	
56	8000877	16	Stud, Wheel	
57	70026818	2	Hub, Wheel	
58	91474507	4	O-Ring	
59	91514189	4	Bolt, Countersunk	
60	91474583	16	Stud	
61	91474584	16	Nut	
62	91474579	2	Circlip	
63	3983731	2	Plate, Locking	
64	70025819	8	Stud	
65	91514120	8	Nut	
66	91514119	8	Washer	
67	8007779	2	Shim	
68	8007780	2	Shim	
69	8007782	2	Shim	
70	7028115	2	Grease Fitting	
71	70026827	2	Kit, Planet Gear Carrier (See Separate Breakdown in this Section)	
72	70025014	8	Stud	
73	91514083	8	Nut	
74	8007774	1	Kit, Steering Case (LF, RR) (See Separate Breakdown in this Section)	
75	8007777	1	Kit, Steering Case (RF, LR) (See Separate Breakdown in this Section)	
76	7028733	1	Kit, Steering Adjust Bolt (See Separate Breakdown in this Section)	
77	7029432	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
78	70027114	8	Kit, Planet Gear (includes Planet Gear and Bearing)	

FIGURE 5-16. FRONT AXLE, BRAKES (24IN WHEEL)

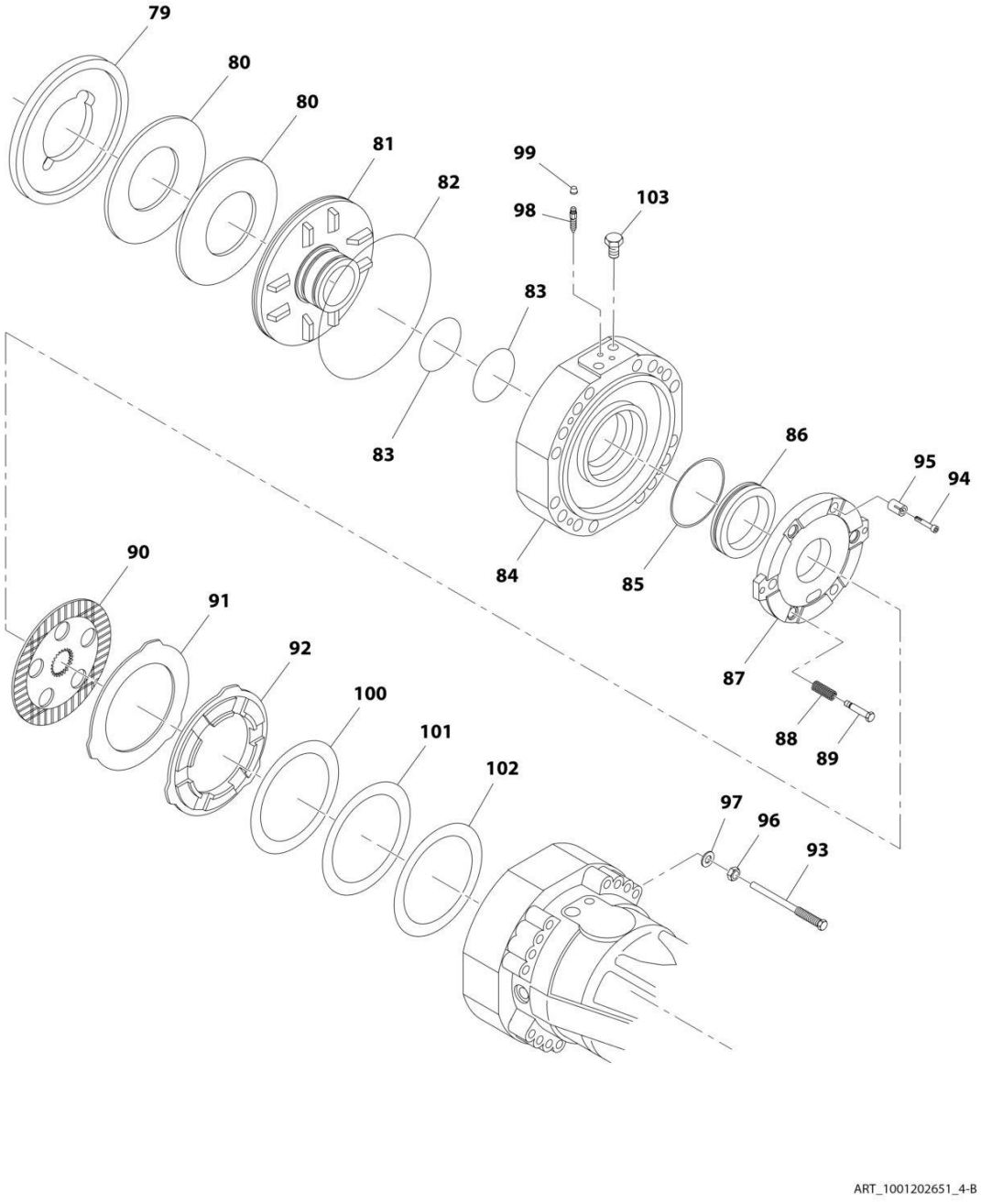


FIGURE 5-16. FRONT AXLE, BRAKES (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
79	7028734	1	Spacer	
80	91474559	4	Spring	
81	91474560	2	Piston	
82	91474561	2	O-Ring	
83	70026262	4	Seal	
84	7028735	2	Cover	
85	70026623	2	Seal	
86	91474564	2	Piston	
87	91474565	2	Disc, Intermediate Brake	
88	91514159	6	SPRING	
89	70024210	6	Bolt, Adjusting	
90	91474568	8	Disc	
91	70025823	8	Disc, Intermediate Brake	
92	91474570	2	Spacer	
93	70024213	4	Bolt, M12X122.5	
94	7029789	6	Bolt	
95	91514165	6	Spring	
96	80204060	4	Nut	
97	80204108	4	Washer, Lock	
98	80204281	4	Bolt, Bleeding	
99	80204117	4	Plug	
100	91474571	2	Shim	
101	91474572	2	Shim	
102	91474573	2	Shim	
103	91514154	4	Bolt	

FIGURE 5-17. FRONT AXLE, STEERING (24IN WHEEL)

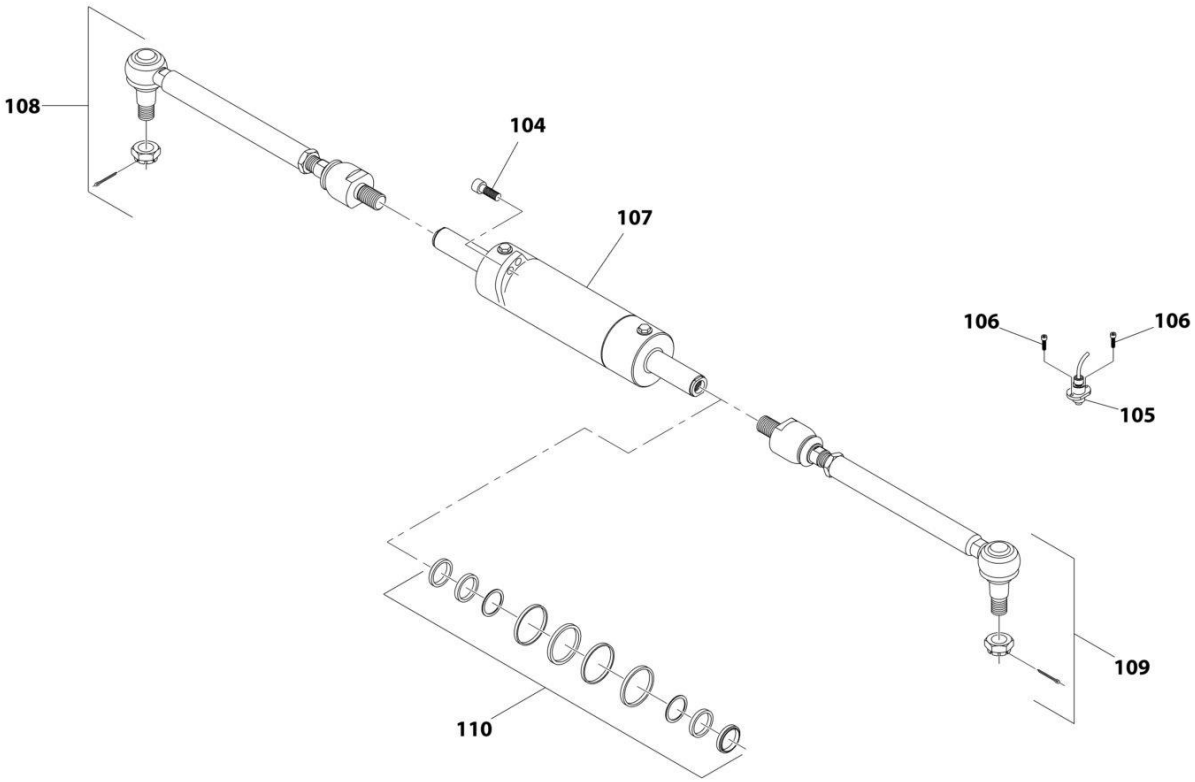


FIGURE 5-17. FRONT AXLE, STEERING (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
104	91474522	4	Bolt	
105	70027117	1	Sensor, Optical	
106	8008175	2	Bolt	
107	70026826	1	Cylinder	
108	70026752	1	Bar	
108	70022773	1	Nut	
109	70026751	1	Bar	
109	70022773	1	Nut	
110	70025842	1	Kit, Seal	

FIGURE 5-18. FRONT AXLE, GEAR BOX (24IN WHEEL)

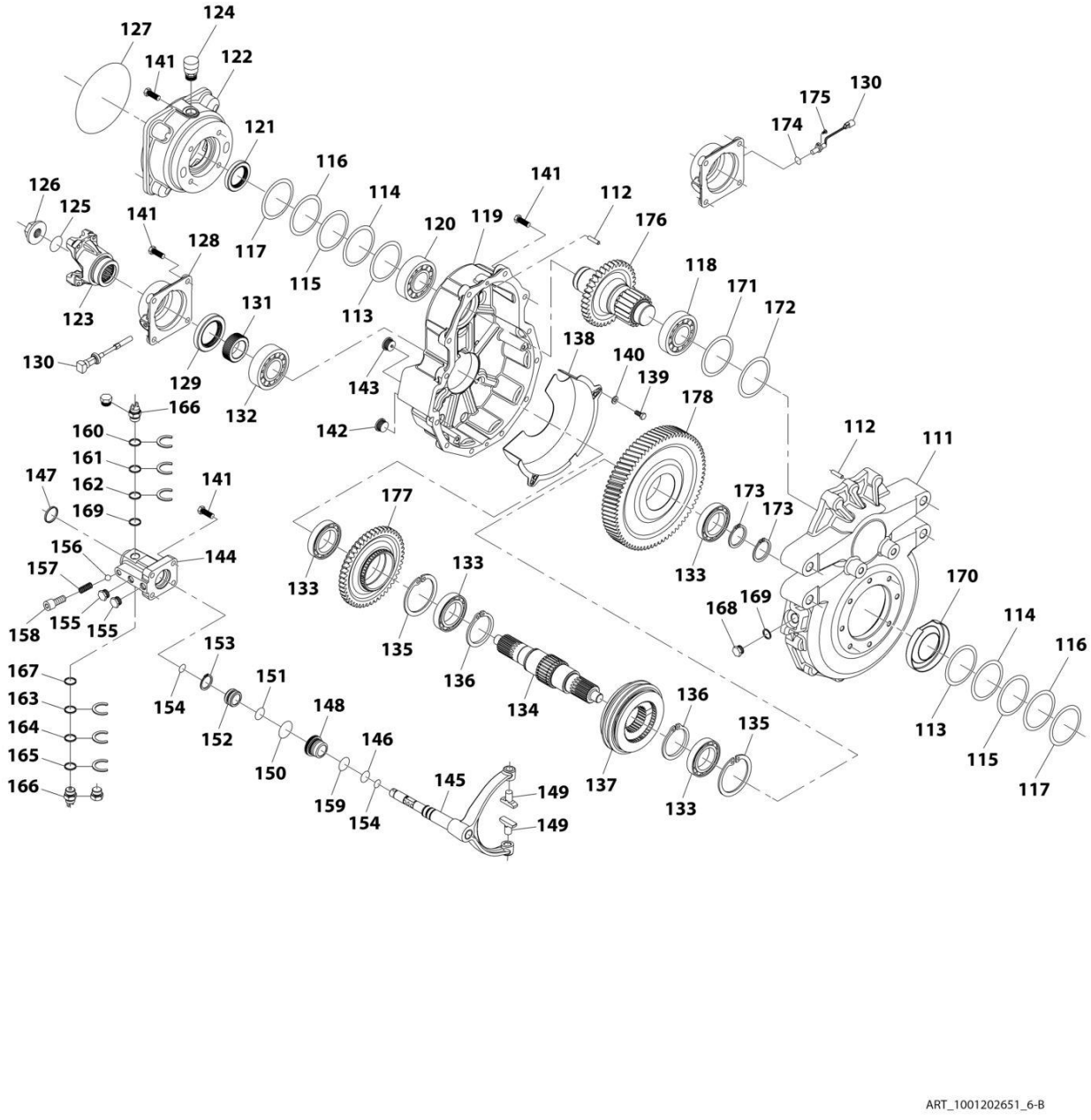


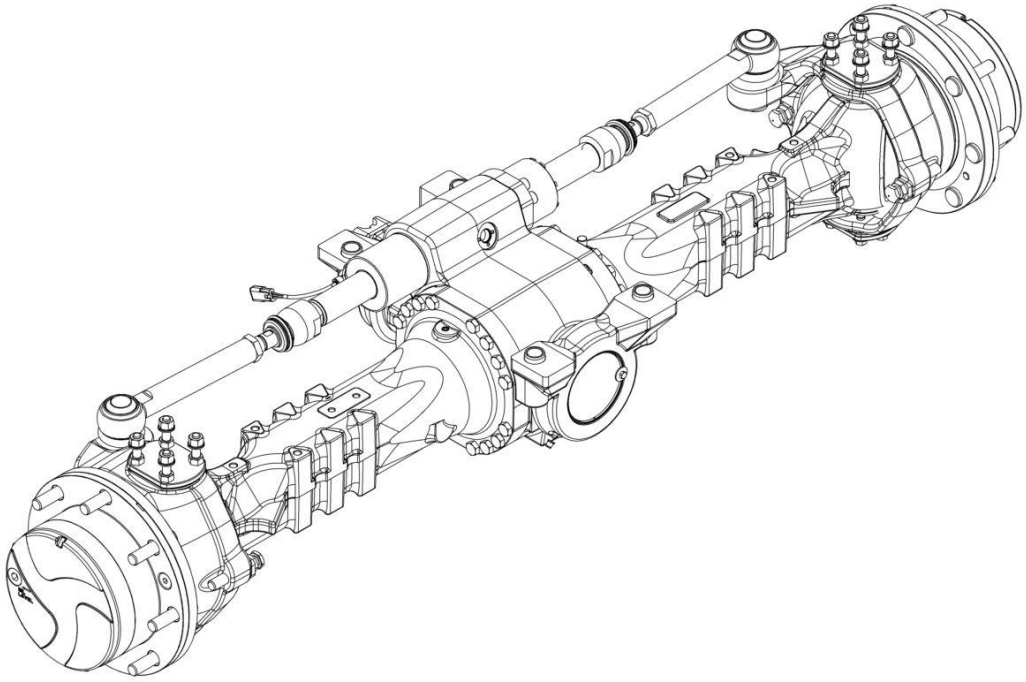
FIGURE 5-18. FRONT AXLE, GEAR BOX (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
111	70026891	1	Housing	
112	70026892	2	Dowel	
113	80204207	1	Shim	
114	80204208	1	Shim	
115	70026893	1	Shim	
116	80204209	1	Shim	
117	80204210	1	Shim	
118	70026904	1	Bearing, Ball	
119	70026894	1	Cover	
120	91514146	1	Bearing, Ball	
121	70026896	1	Seal	
122	70026897	1	Cover	
123	70026898	1	Flange	
124	70026899	1	Vent	
125	80204215	1	O-Ring	
126	70026631	1	Nut	
127	70020268	1	O-Ring	
128	70027119	1	Cover	
129	70026901	1	Seal	
130	70027126	1	Sensor	
131	70026903	1	Phonic Wheel	
132	91474364	1	Bearing, Ball	
133	70026895	4	Ball, Bearing	
134	70027118	1	Shaft, Output	
135	80204071	3	Circlip	
136	70026906	2	Circlip	
137	70026907	1	Synchronizer	
138	70026908	1	Sheet	
139	70026909	2	Bolt	
140	70027110	2	Washer, Lock	
141	70026911	24	Bolt	
142	80204016	1	Plug	
143	80204007	1	Plug, Magnet	
144	70026912	1	Cylinder	
145	70026913	1	Shaft, Selector	
146	70026914	1	O-Ring	
147	70026915	1	Seal	
148	70026916	1	Bushing, Reduction	
149	70026917	2	Pin, Sliding	
150	70026918	1	O-Ring	
151	70026919	1	O-Ring	
152	70026920	1	Piston	
153	70026921	2	Circlip	
154	70026922	2	O-Ring	
155	91514154	2	Plug	
156	70020276	1	Ball, Detend	
157	80203021	1	Spring	
158	70026923	1	Bolt, Grub	
159	70026924	1	O-Ring	
160	70027120	1	Shim	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
161	70027121	1	Shim	
162	70027122	1	Shim	
163	70027123	1	Shim	
164	70027124	1	Shim	
165	70027125	1	Shim	
166	70026926	2	Switch, Security	
167	70026927	1	Washer, Seal	
168	70024877	1	Bolt	
169	70024876	2	Washer	
170	70026928	1	Catcher, Oil	
171	70026929	1	Shim	
172	70026930	1	Shim	
173	70026931	2	Circlip	
174	70027109	1	O-Ring	
175	70027111	1	Bolt	
176	70026932	1	Shaft, Input	
177	70026933	1	Gear	
178	70026934	1	Gear	

FIGURE 5-19. REAR AXLE (20IN WHEEL)



ART_1001214518-A

FIGURE 5-19. REAR AXLE (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214518	1	Rear Axle (20IN Wheel)	A
		Ref	**Rear Axle, Central Housing (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Rear Axle, Differential (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Rear Axle, Hub Reduction (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Rear Axle, Steering (20IN Wheel) (See Separate Breakdown in this Section)**	
		Ref	**Rear Axle, Trunnion (20IN Wheel) (See Separate Breakdown in this Section)**	

FIGURE 5-20. REAR AXLE, CENTRAL HOUSING (20IN WHEEL)

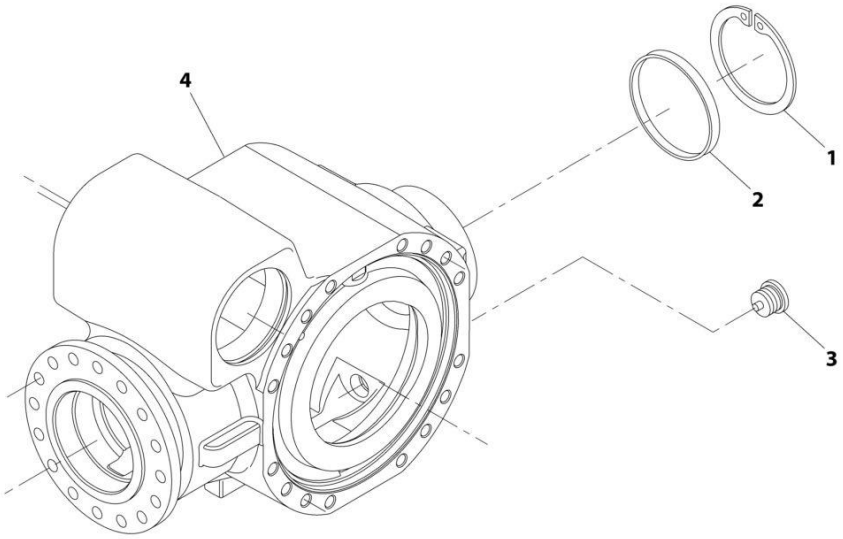


FIGURE 5-20. REAR AXLE, CENTRAL HOUSING (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	80204005	1	Circlip	
2	91514098	1	Plug	
3	70021177	1	Plug	
4	70026951	1	Housing	

FIGURE 5-21. REAR AXLE, DIFFERENTIAL (20IN WHEEL)

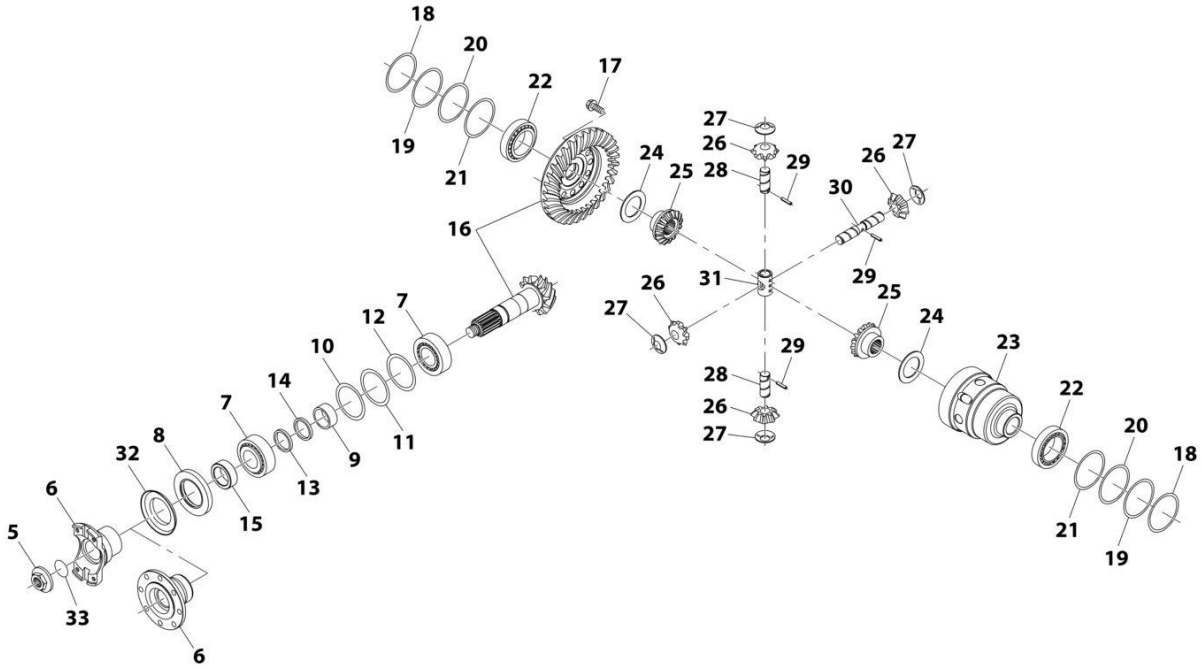


FIGURE 5-21. REAR AXLE, DIFFERENTIAL (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
5	80204213	1	Nut	
6	70020288	1	Flange	
7	70020234	2	Bearing	
8	70024522	1	Seal	
9	70020233	1	Spacer	
10	70026866	1	Shim	
11	70026867	1	Shim	
12	70020237	1	Shim	
13	70020236	1	Ring	
14	70024865	1	Ring	
15	70020303	1	Spacer	
16	70026952	1	Set, Bevel Gear	
17	70020251	12	Bolt	
18	70024868	2	Shim	
19	70024869	2	Shim	
20	70020239	2	Shim	
21	70024870	2	Shim	
22	70020240	2	Bearing, Taper Roller	
23	70020346	1	Carrier, Differential	
24	70020242	2	Washer	
25	70021221	2	Gear, Differential Side	
26	70020244	4	Pinion, Differential	
27	70020245	4	Washer	
28	70021929	2	Pin	
29	70020247	3	Dowel	
30	70021928	1	Pin	
31	70020249	1	Retainer	
32	70021076	1	Plate	
33	70021196	1	O-Ring	

FIGURE 5-22. REAR AXLE, HUB REDUCTION (20IN WHEEL)

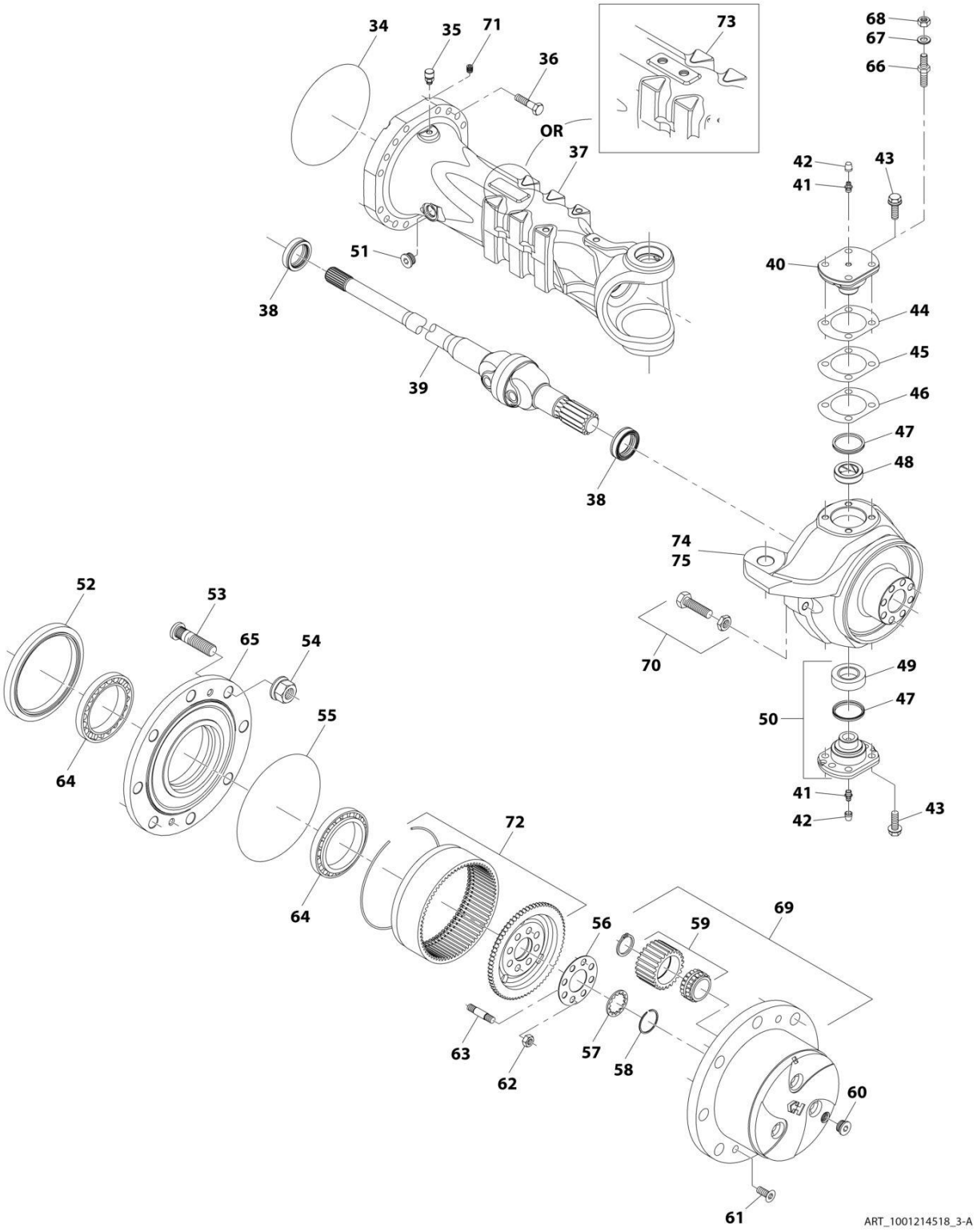


FIGURE 5-22. REAR AXLE, HUB REDUCTION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
34	70021147	2	O-Ring	
35	91474512	1	Vent	
36	70024878	32	Bolt	
37	70026953	1	Case, Axle	
38	70021151	4	Seal	
39	70026954	4	Joint, Double Universal	
40	70021153	2	Pin, Pivot	
41	91514099	4	Fitting, Grease	
42	80204117	4	Plug	
43	91514123	12	Bolt	
44	70026873	2	Shim	
45	70026874	2	Shim	
46	70021154	2	Shim	
47	70021155	2	Seal	
48	70020173	2	Bushing	
49	70021156	2	Joint	
50	70021157	2	Pin, Pivot	
51	91514087	2	Plug	
52	70026002	2	Seal	
53	70027149	16	Stud, Wheel	
54	70026875	NLA	Nut (No Longer Available, Use Item 70030769)	
54	70030769	16	Nut	
55	91474507	2	O-Ring	
56	70024885	2	Plate	
57	70024886	2	Spacer	
58	70024887	2	Circlip	
59	70023900	6	Kit, Planet Gear (See Separate Breakdown in this Section)	
60	91514188	2	Plug	
61	91514189	4	Bolt	
62	70024889	16	Nut	
63	70024890	16	Stud	
64	70021181	4	Bearing	
65	70024891	2	Hub, Wheel	
66	70025819	8	Stud	
67	91514119	8	Washer	
68	91514120	8	Nut	
69	70024892	2	Kit, Planet Gear Carrier (See Separate Breakdown in this Section)	
70	7028733	4	Kit, Steering Adjust Bolt (See Separate Breakdown in this Section)	
71	80204012	1	Plug	
72	70024894	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
73	70026955	1	Case, Axle	
74	70026876	1	Kit, Steering Case (LF, RR) (See Separate Breakdown in this Section)	
75	70026877	1	Kit, Steering Case (RF, LR) (See Separate Breakdown in this Section)	

FIGURE 5-23. REAR AXLE, STEERING (20IN WHEEL)

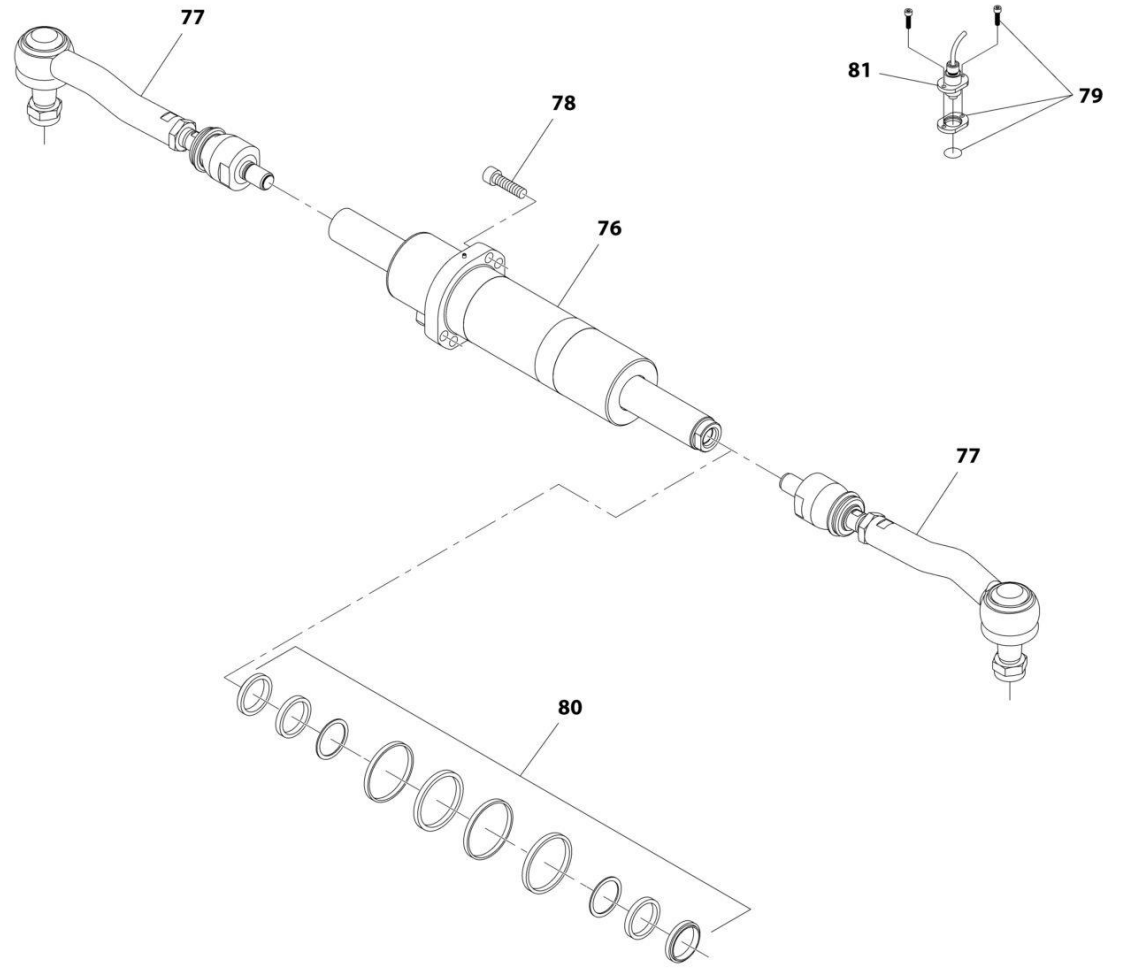
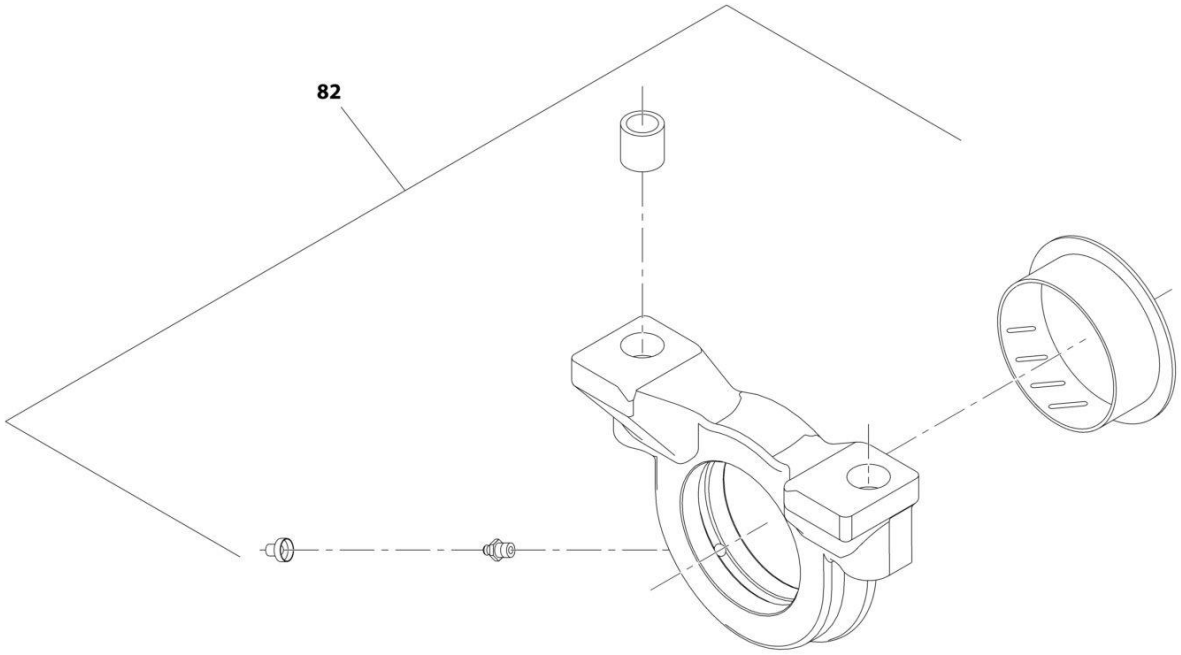


FIGURE 5-23. REAR AXLE, STEERING (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
76	70026956	1	Cylinder	
77	70026887	2	Rod	
78	70020269	4	Bolt	
79	70026888	1	Spacer	
80	70026889	1	Kit, Seal	
81	70026808	1	Sensor	

FIGURE 5-24. TRUNNION

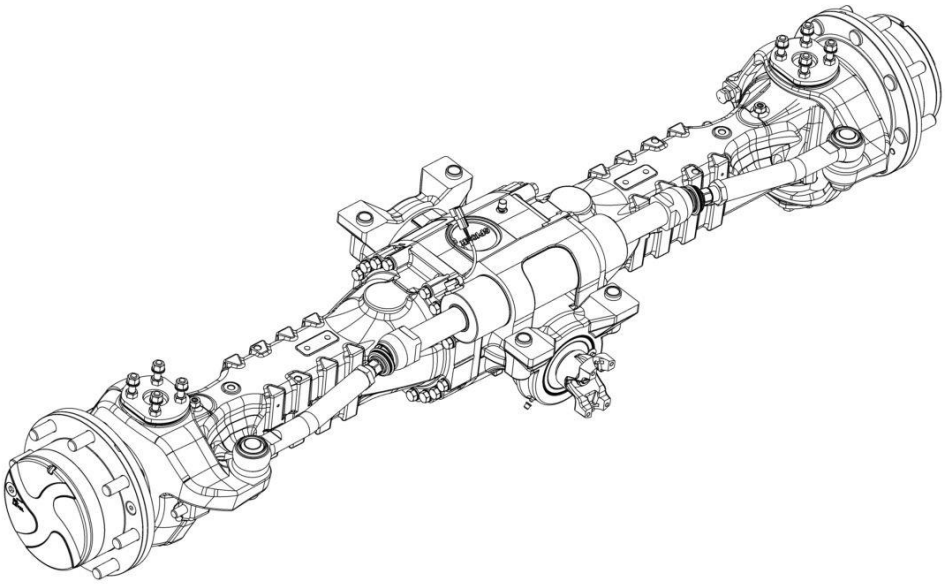


ART_1001214518_5-A

FIGURE 5-24. TRUNNION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
82	70021200	2	Kit, Support (See Separate Breakdown in this Section)	

FIGURE 5-25. REAR AXLE (24IN WHEEL)



ART_1001202652-B

FIGURE 5-25. REAR AXLE (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202652	Ref	Rear Axle (24IN Wheel)	B
		Ref	Rear Axle, Central Housing (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Differential (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Hub Reduction (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Steering (24IN Wheel) (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Trunnion (24IN Wheel) (See Separate Breakdown in this Section)	

FIGURE 5-26. REAR AXLE, CENTRAL HOUSING (24IN WHEEL)

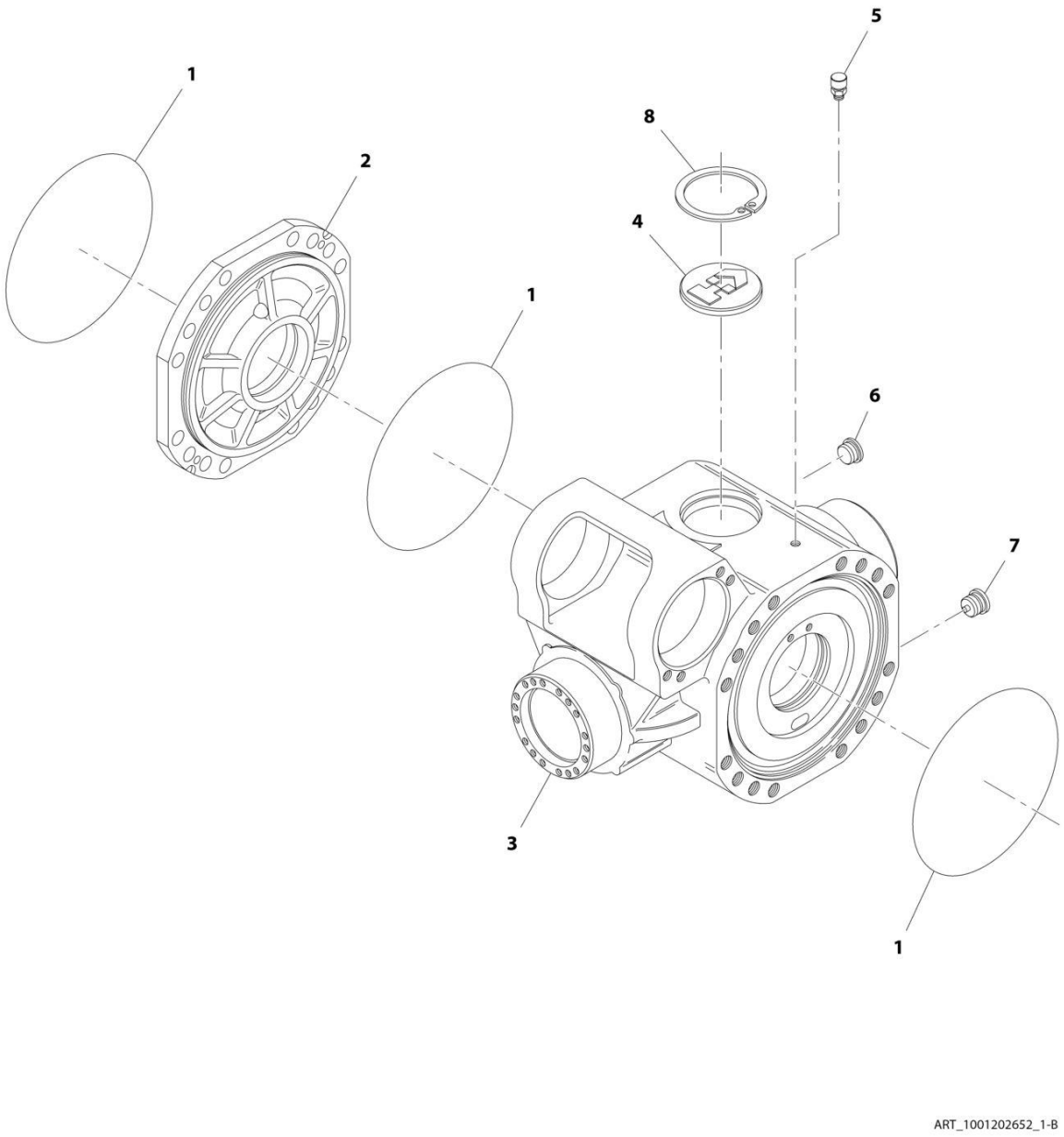


FIGURE 5-26. REAR AXLE, CENTRAL HOUSING (24IN WHEEL)

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

FIGURE 5-27. REAR AXLE, DIFFERENTIAL (24IN WHEEL)

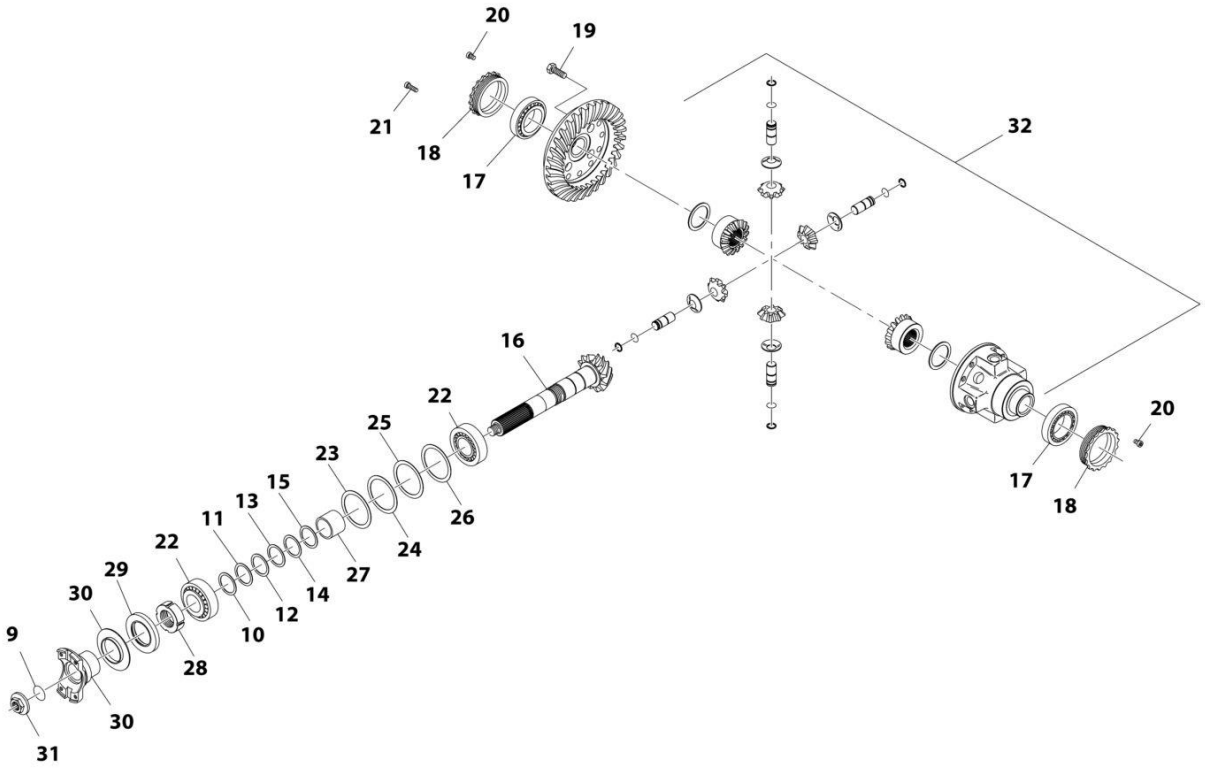


FIGURE 5-27. REAR AXLE, DIFFERENTIAL (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
9	91474529	1	O-Ring	
10	91474535	1	Shim	
11	91474536	1	Shim	
12	91474537	1	Shim	
13	91474538	1	Shim	
14	70024520	1	Shim	
15	70024521	1	Shim	
16	70027127	1	Gear Set, Bevel	
17	70026031	2	Bearing, Taper Roller	
18	91474547	2	Nut, Ring	
19	91474591	4	Bolt	
20	91514134	2	Bolt	
21	91514123	12	Bolt	
22	3968141	2	Bearing, Taper Roller	
23	91474540	1	Shim	
24	91474541	1	Shim	
25	91474542	1	Shim	
26	91474543	1	Shim	
27	91474539	1	Spacer	
28	91474533	1	Nut, Ring	
29	70024522	1	Seal	
30	7029427	1	Flange	
31	70026631	1	Nut	
32	70021140	1	Differential Kit, Rear Axle (24IN Wheel) (See Separate Breakdown in this Section)	

FIGURE 5-28. REAR AXLE, HUB REDUCTION (24IN WHEEL)

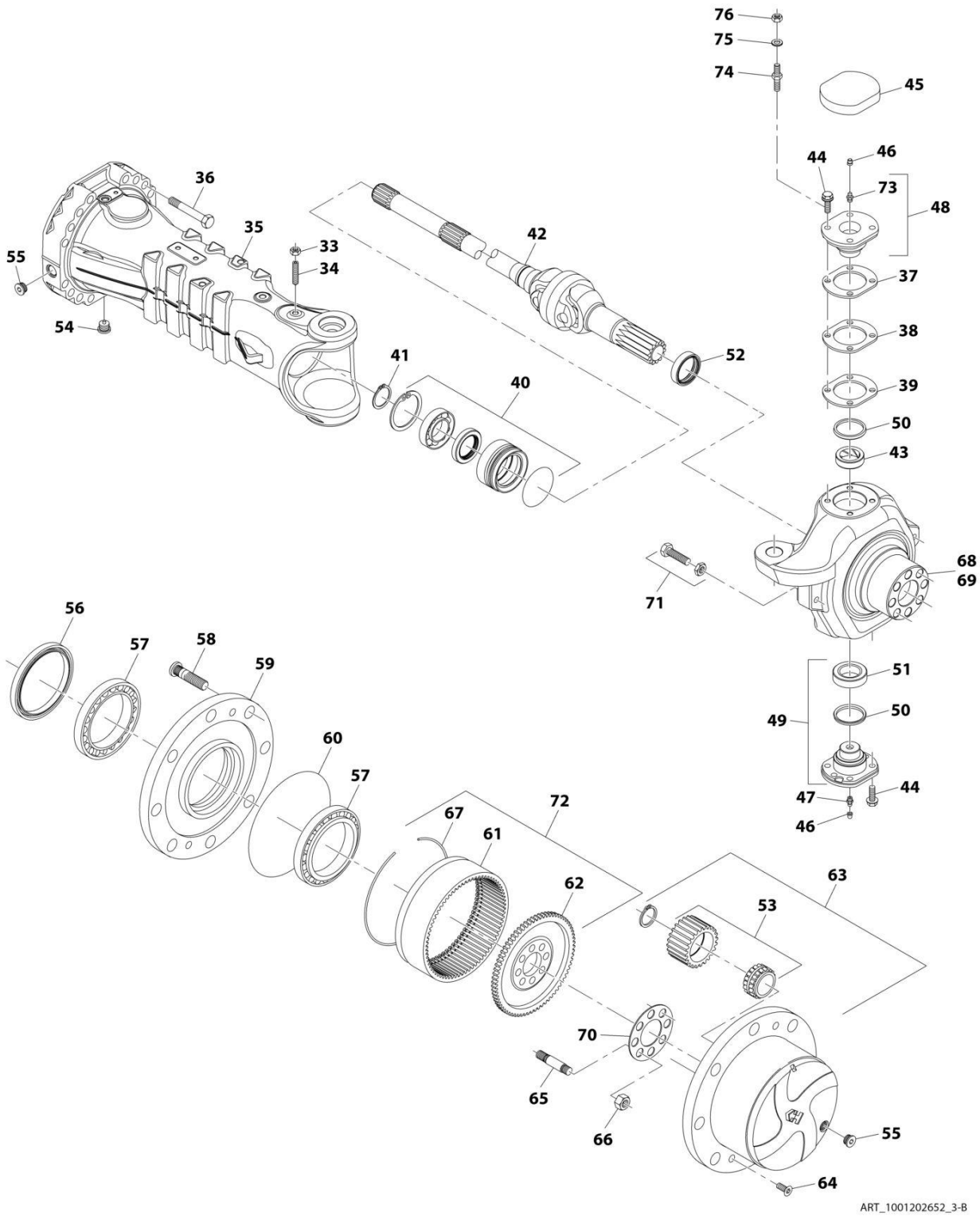


FIGURE 5-28. REAR AXLE, HUB REDUCTION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	91514082	2	Nut	
34	2400600	2	Bolt	
35	7028049	2	Case, Axle	
36	7029428	32	Bolt	
37	8007779	2	Shim	
38	8007780	2	Shim	
39	8007782	2	Shim	
40	91514149	2	Kit, Reduction Bushing (24IN Wheel) (See Separate Breakdown in this Section)	
41	80204071	2	Circlip	
42	70025928	2	Joint, Double Universal	
43	70020173	2	Bushing	
44	70025562	12	Bolt	
45	70025549	2	Cover	
46	80204117	4	Plug	
47	91514099	2	Grease Fitting	
48	70025567	2	Pivot Pin	
49	8006605	2	Pivot Pin	
50	2401043	4	Seal	
51	2401258	2	Bearing	
52	8007771	2	Seal	
53	70027114	8	Kit, Planet Gear	
54	91474513	2	Plug, Magnet	
55	91514188	4	Plug	
56	7029430	2	Seal	
57	3984301	4	Bearing	
58	8000877	16	Wheel Stud	
59	70026818	2	Hub, Wheel	
60	91474507	2	O-Ring	
61	91474580	2	Ring Gear	
62	3983720	2	Ring Gear Support	
63	70026827	2	Kit, Planet Gear Carrier (See Separate Breakdown in this Section)	
64	91514189	4	Bolt, Countersunk	
65	91474583	16	Stud	
66	91474584	16	Nut	
67	91474579	2	Circlip	
68	8007774	1	Kit, Steering Case (LF, RR) (See Separate Breakdown in this Section)	
69	8007777	1	Kit, Steering Case (RF, LR) (See Separate Breakdown in this Section)	
70	3983731	2	Plate, Locking	
71	7028733	4	Kit, Steering Adjust Bolt (See Separate Breakdown in this Section)	
72	7029432	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
73	7028115	2	Fitting, Grease	
74	70025819	8	Stud	
75	91514119	8	Washer	
76	91514120	8	Nut	

FIGURE 5-29. REAR AXLE, STEERING (24IN WHEEL)

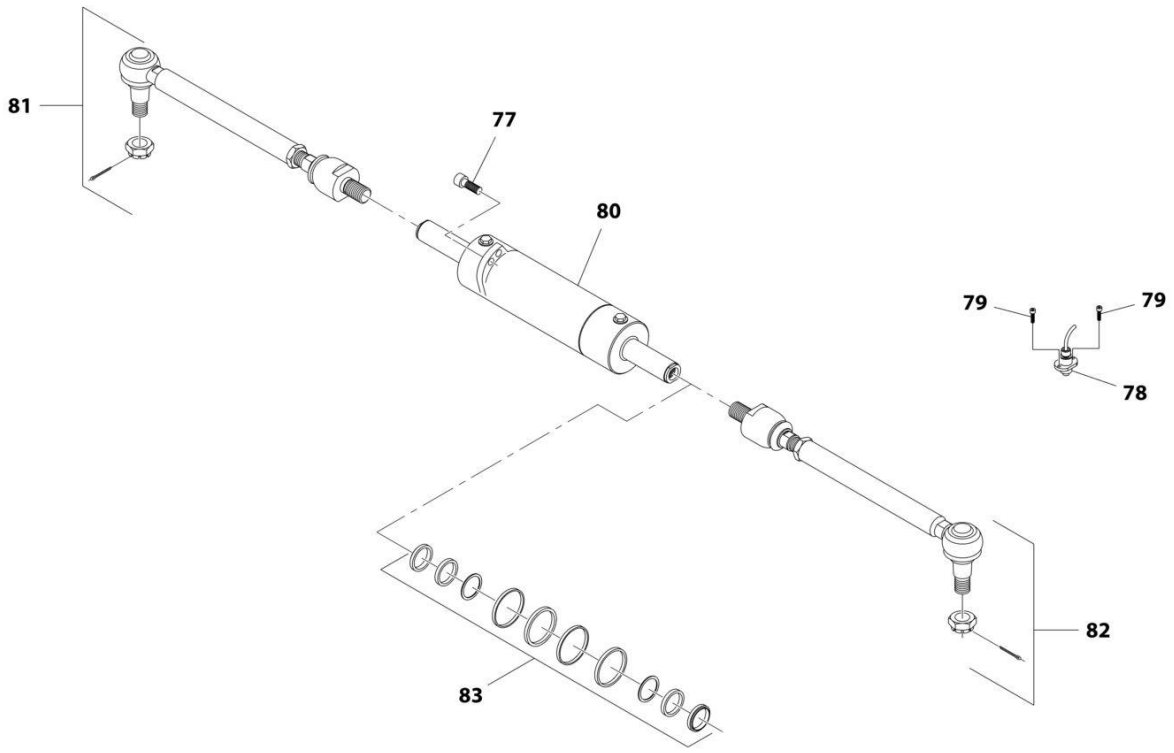
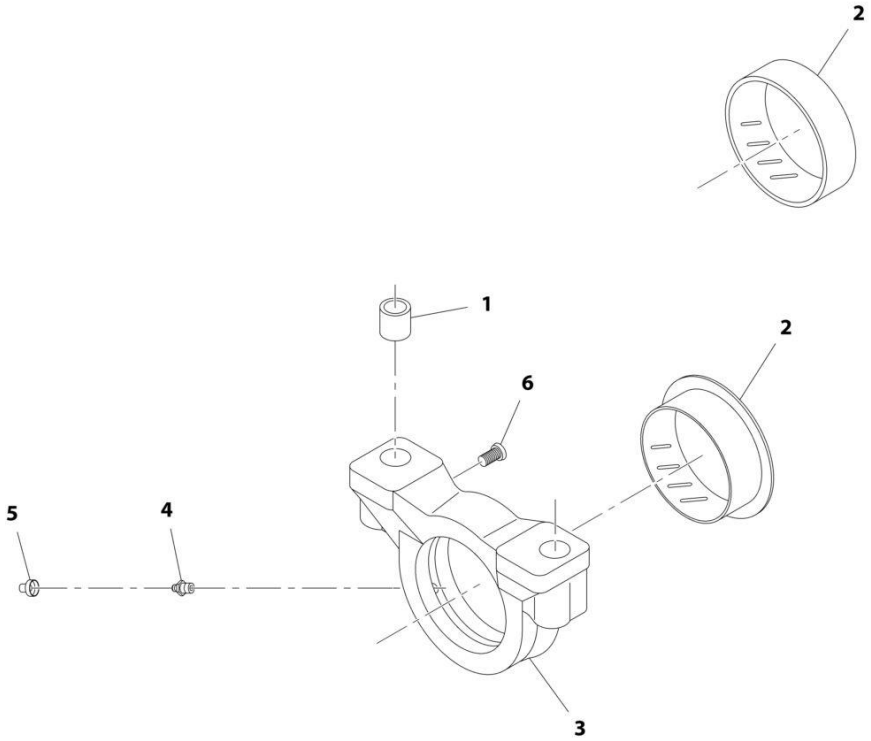


FIGURE 5-29. REAR AXLE, STEERING (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
77	91474522	4	Bolt	
78	70027117	1	Sensor, Optical	
79	8008175	2	Bolt	
80	70026826	1	Cylinder	
81	70026752	1	Bar	
81	70022773	1	Nut	
82	70026751	1	Bar	
82	70022773	1	Nut	
83	70025842	1	Kit, Seal	

FIGURE 5-30. REAR AXLE, TRUNNION KIT (24IN WHEEL)



ART_1001202652_5-B

FIGURE 5-30. REAR AXLE, TRUNNION KIT (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026630	2	Kit, Trunnion	
1	91474516	4	Bushing, Reduction	
2	91474515	2	Bushing, Thrust	
3	7028083	2	Support	
4	91514099	2	Fitting, Grease	
5	80204117	2	Plug	
6	70025884	2	Bolt	

FIGURE 5-31. DIFFERENTIAL KIT

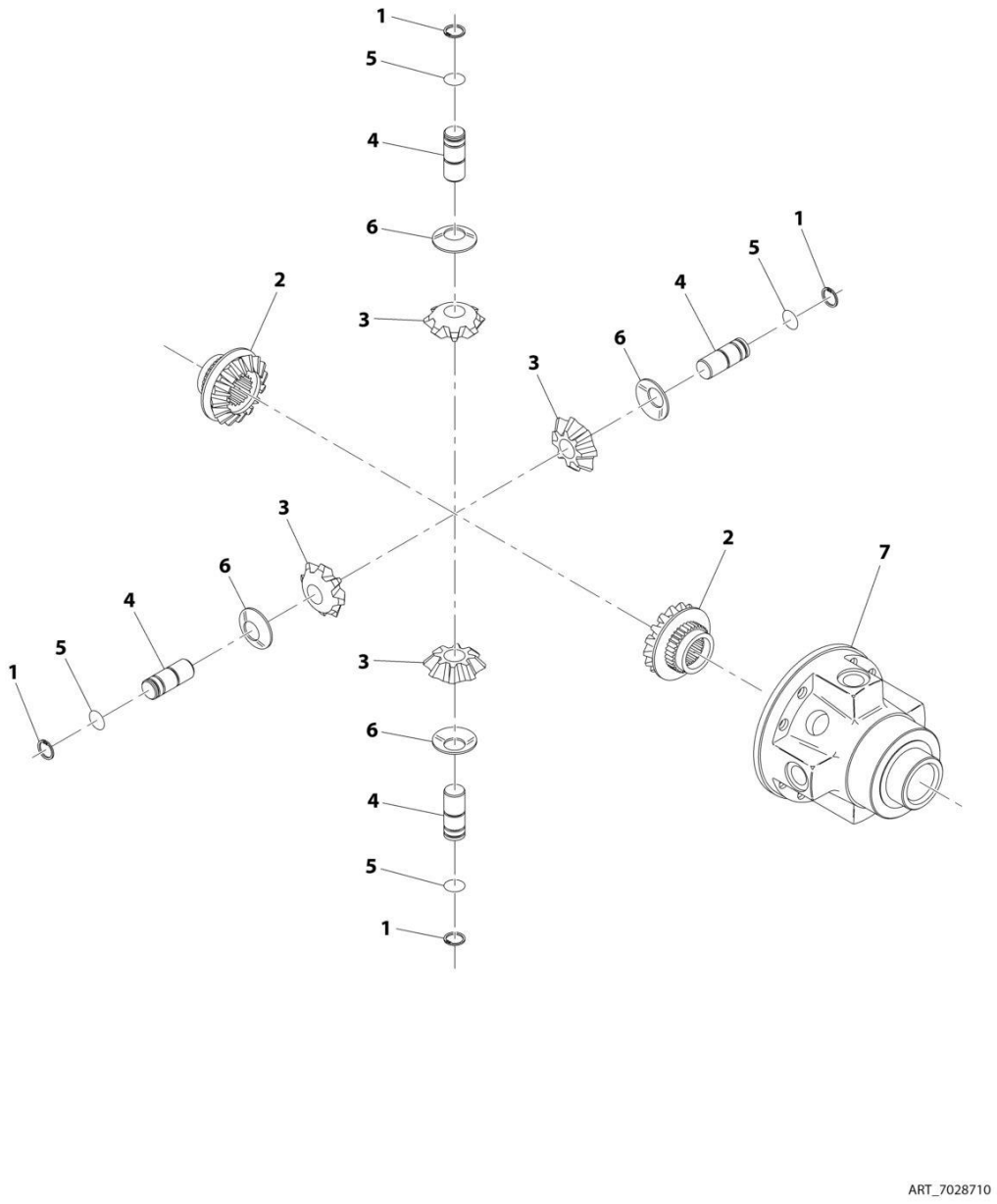


FIGURE 5-31. DIFFERENTIAL KIT

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 5-32. DIFFERENTIAL KIT

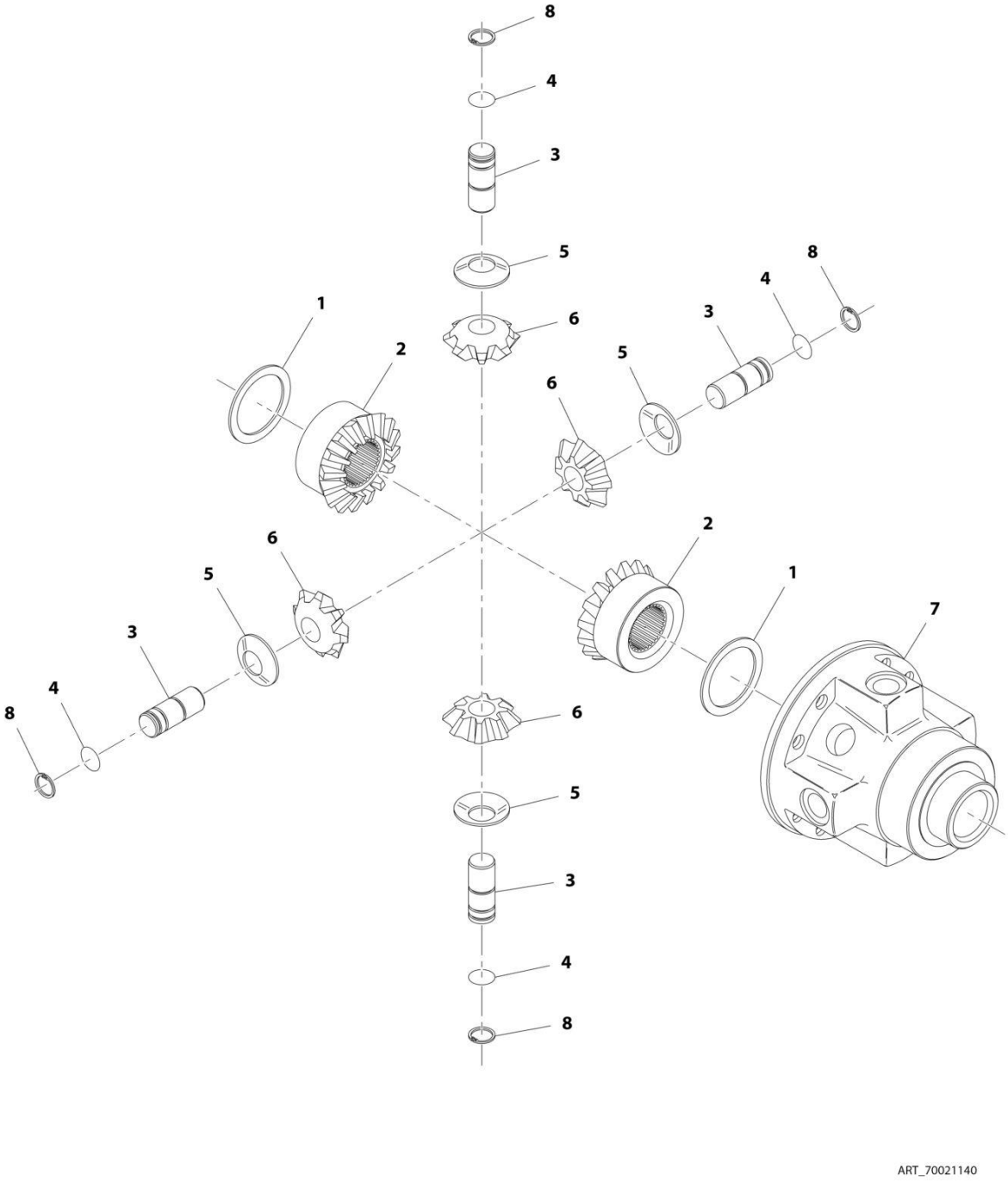
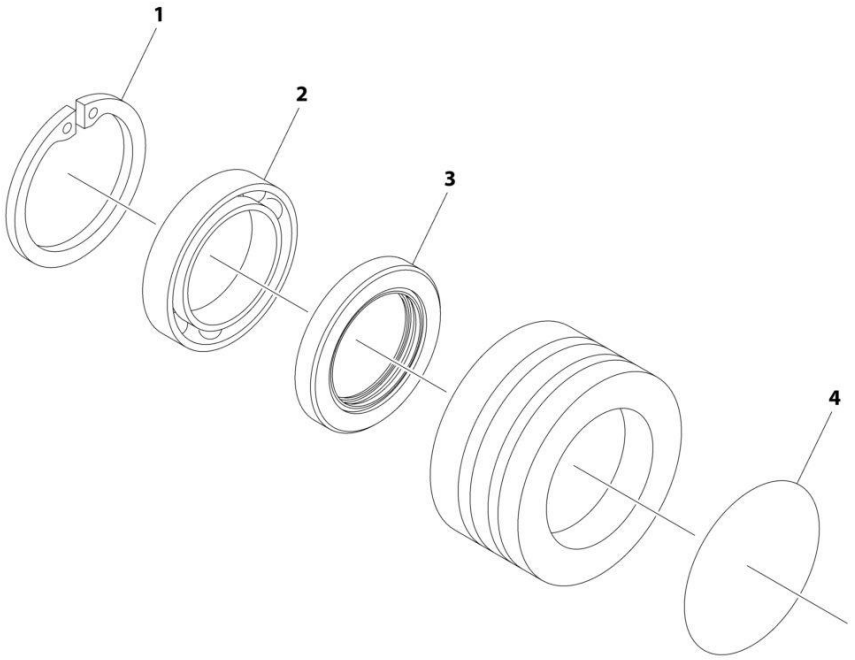


FIGURE 5-32. DIFFERENTIAL KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021140	Ref	Differential Kit	
1	91474593	2	Washer, Friction	
2	70025569	2	Gear, Differential Side	
3	7029131	4	Pin	
4	91474551	4	Circlip	
5	91474553	4	Washer, Friction	
6	70025570	4	Pinion, Differential	
7	91474595	1	Carrier, Differential	
8	91474550	4	Circlip	

FIGURE 5-33. REDUCTION BUSHING KIT



ART_91514149

FIGURE 5-33. REDUCTION BUSHING KIT

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

FIGURE 5-34. STEERING CASE KIT, (LF, RR)

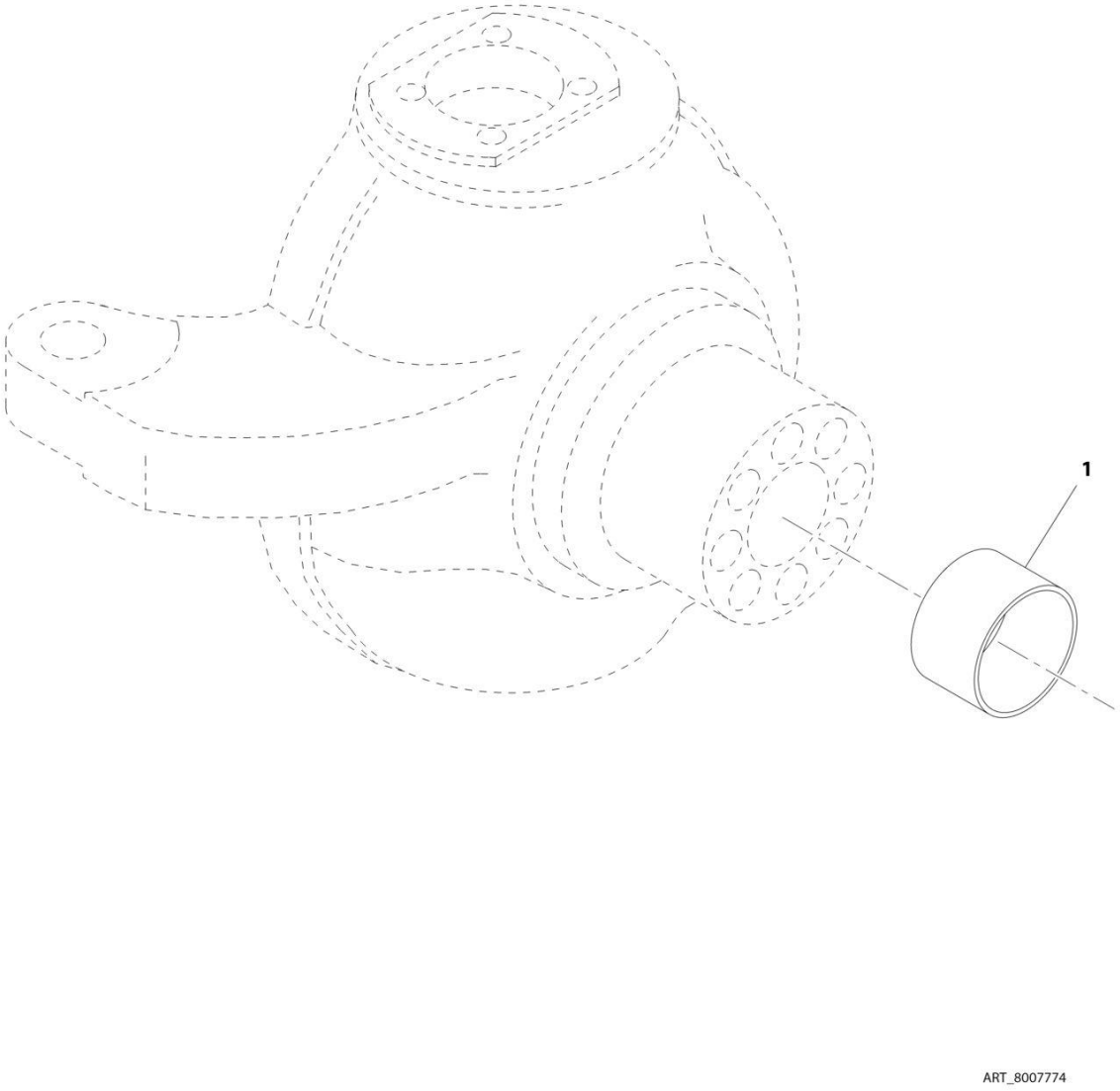


FIGURE 5-34. STEERING CASE KIT, (LF, RR)

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

FIGURE 5-35. STEERING CASE KIT, (RF, LR)

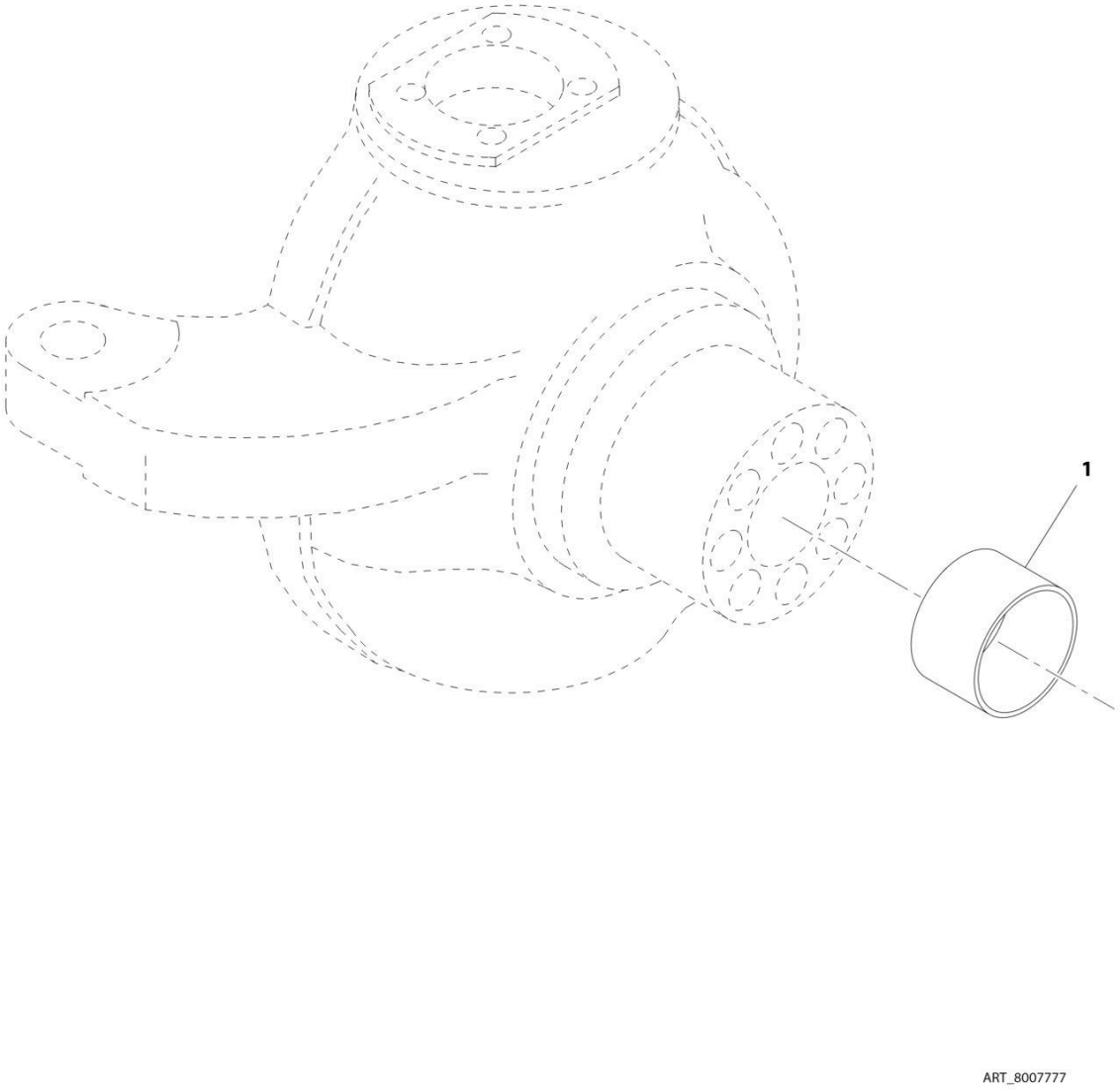
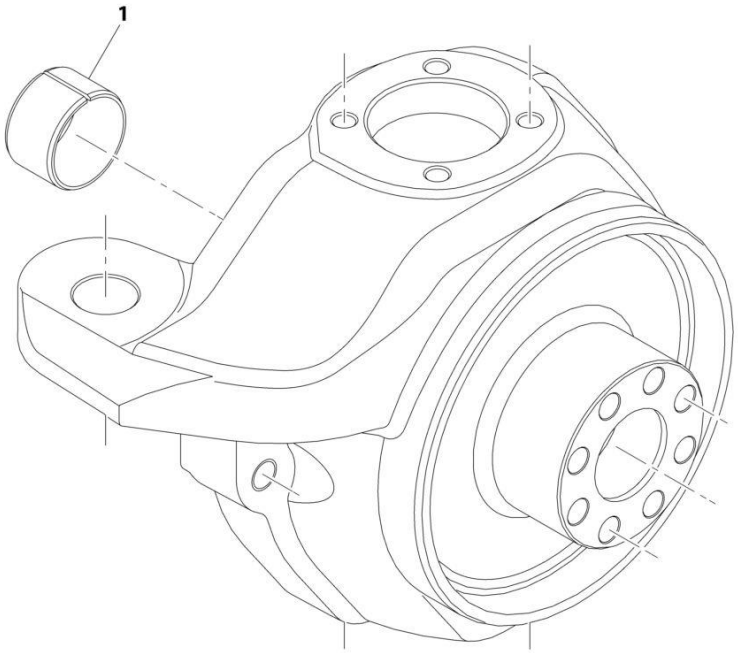


FIGURE 5-35. STEERING CASE KIT, (RF, LR)

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

FIGURE 5-36. STEERING CASE KIT, (LF, RR)

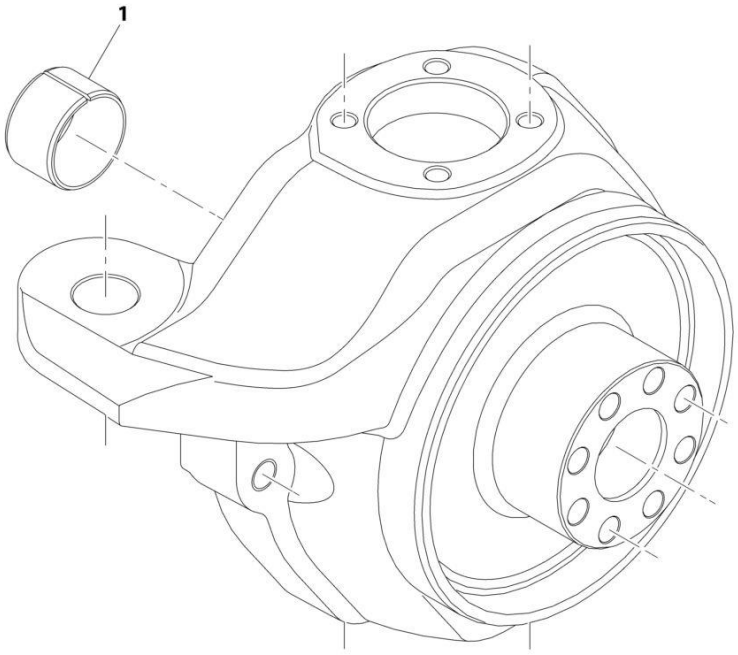


ART_70026876

FIGURE 5-36. STEERING CASE KIT, (LF, RR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026876	Ref	Steering Case Kit, (LF, RR)	
1	70021150	4	Bushing, Thrust	

FIGURE 5-37. STEERING CASE KIT, (RF, LR)



ART_70026877

FIGURE 5-37. STEERING CASE KIT, (RF, LR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026877	Ref	Steering Case Kit, (RF, LR)	
1	70021150	4	Bushing, Thrust	

FIGURE 5-38. STEERING ADJUST BOLT KIT

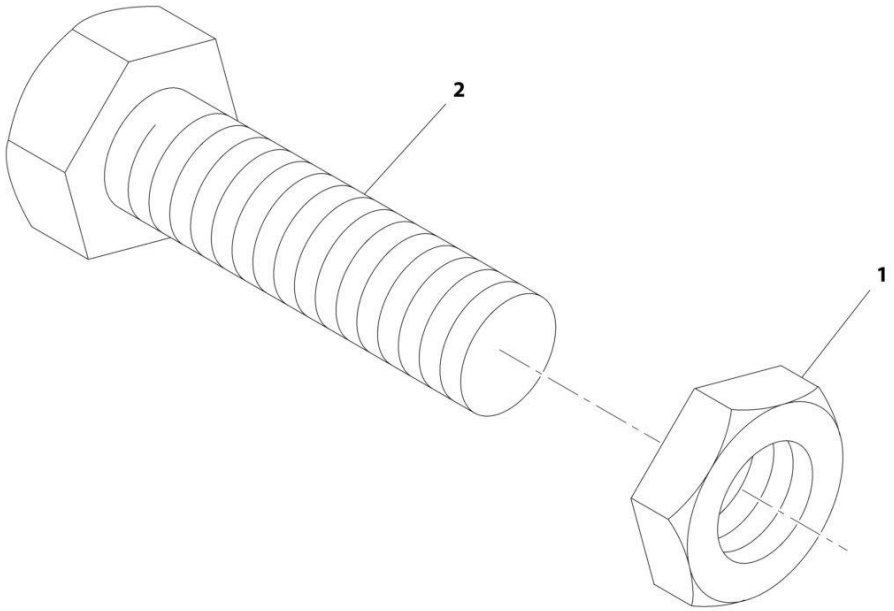


FIGURE 5-38. STEERING ADJUST BOLT KIT

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

FIGURE 5-39. PLANET GEAR KIT

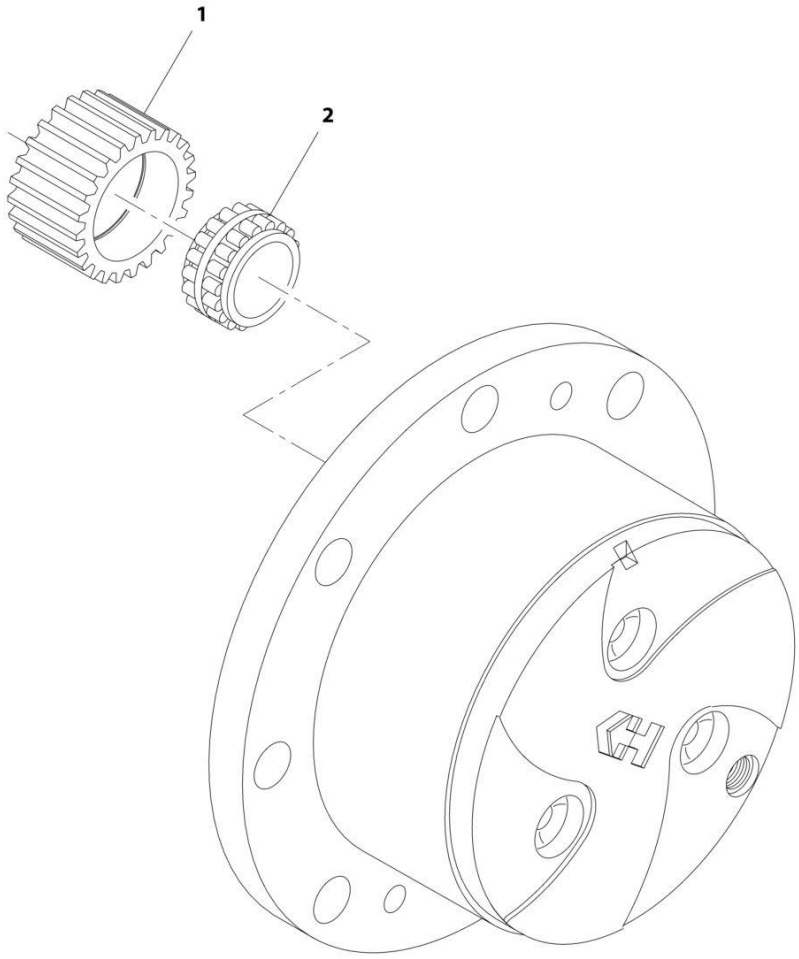


FIGURE 5-39. PLANET GEAR KIT

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

FIGURE 5-40. PLANET GEAR CARRIER KIT

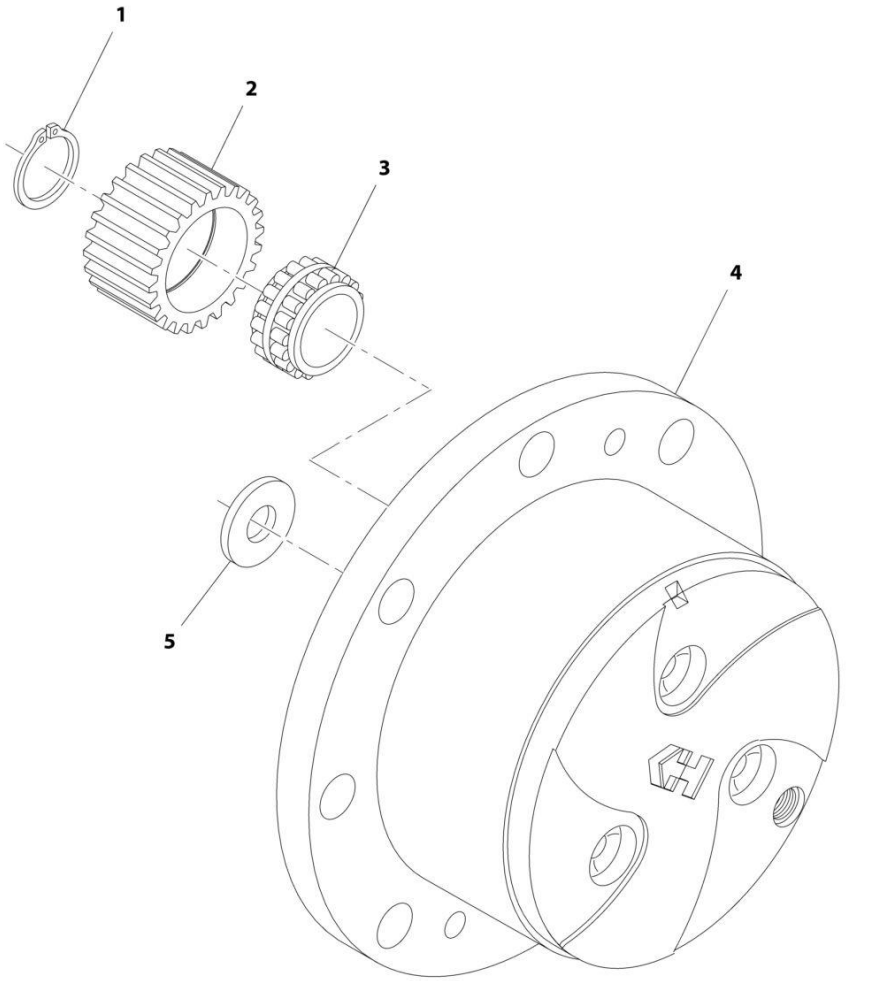
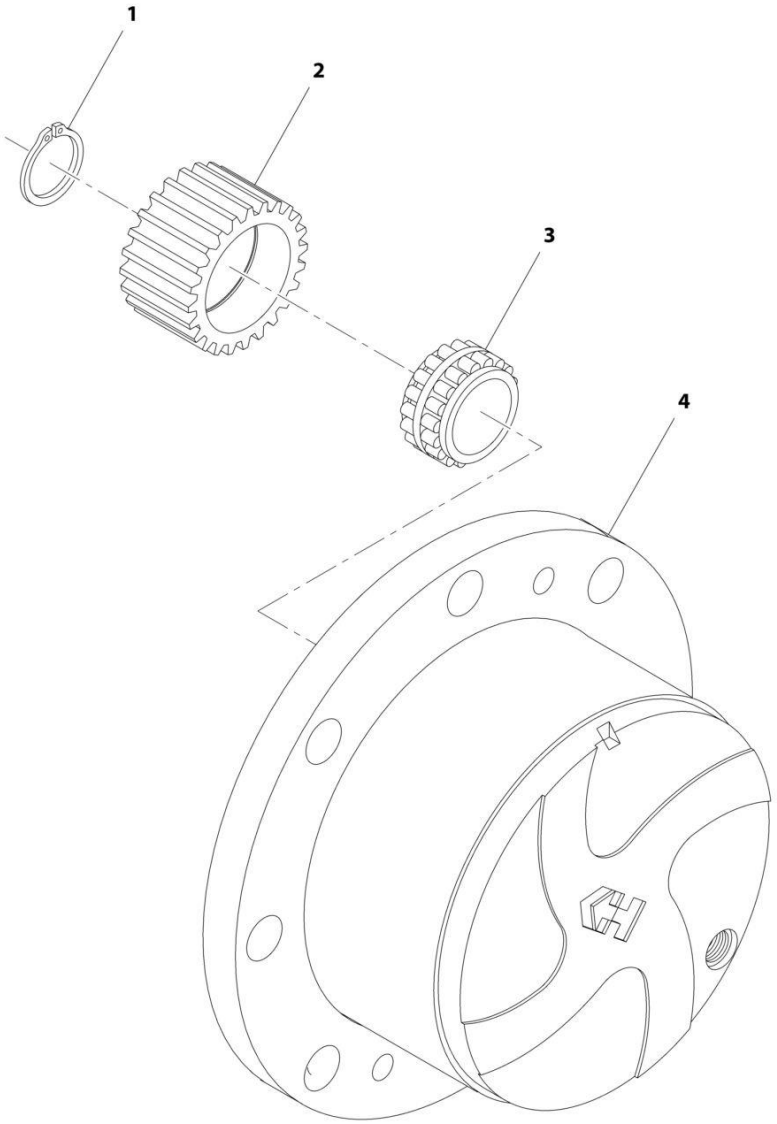


FIGURE 5-40. PLANET GEAR CARRIER KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70024892	Ref	Planet Gear Carrier Kit	
1	91474585	6	Circlip	
2	91474586	6	Gear, Planet	
3	91474587	6	Bearing	
4	70024888	2	Carrier, Planet Gear	
5	70021178	2	Washer	

FIGURE 5-41. PLANET GEAR CARRIER KIT



ART_70026827-E

FIGURE 5-41. PLANET GEAR CARRIER KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026827	Ref	Planet Gear Carrier Kit	
1	91474585	2	Circlip	
2	91474586	4	Gear, Planet	
3	91474587	4	Bearing	
4	70026821	1	Carrier, Planet Gear	

FIGURE 5-42. RING GEAR SUPPORT KIT

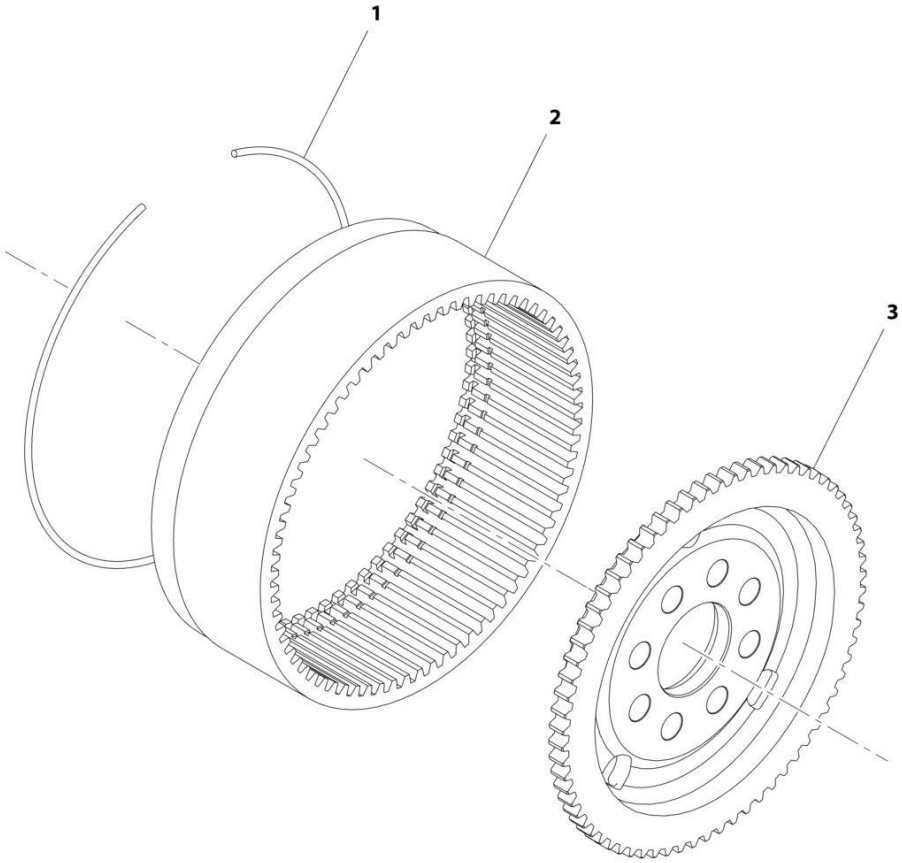


FIGURE 5-42. RING GEAR SUPPORT KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70024894	Ref	Ring Gear Support Kit	
1	91474579	2	Circlip	
2	91474580	2	Gear, Ring	
3	70024884	2	Support, Ring Gear	

FIGURE 5-43. RING GEAR SUPPORT KIT

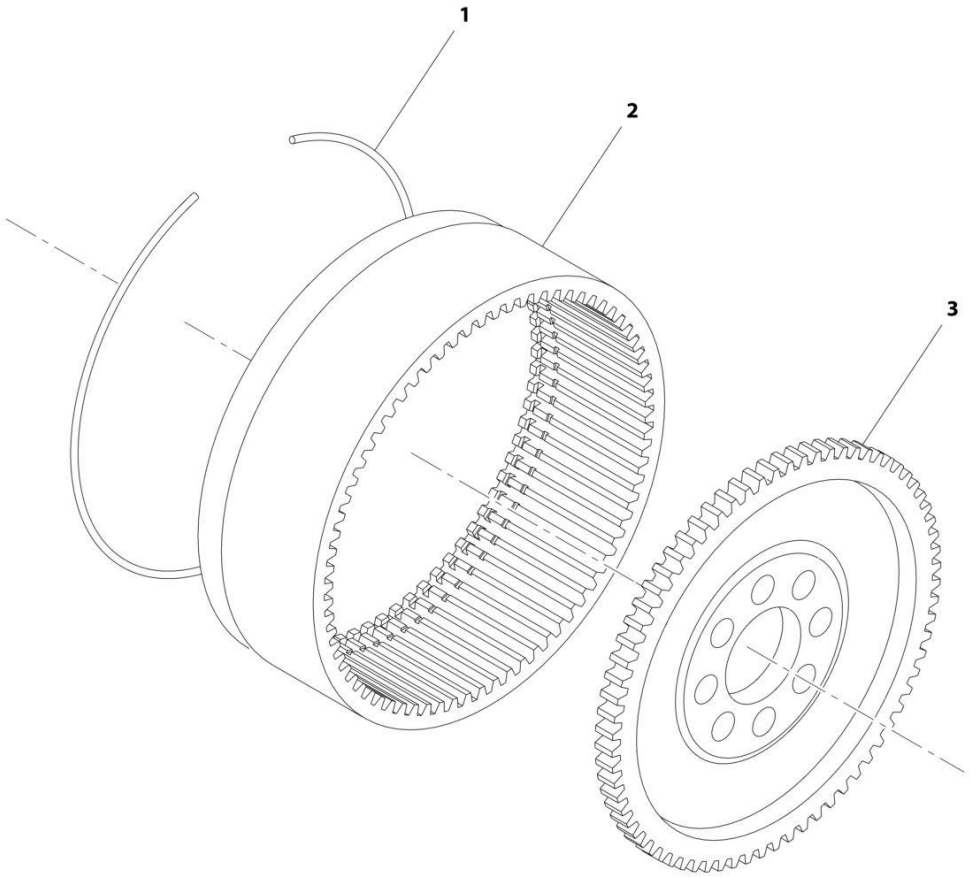


FIGURE 5-43. RING GEAR SUPPORT KIT

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 5-44. SUPPORT KIT

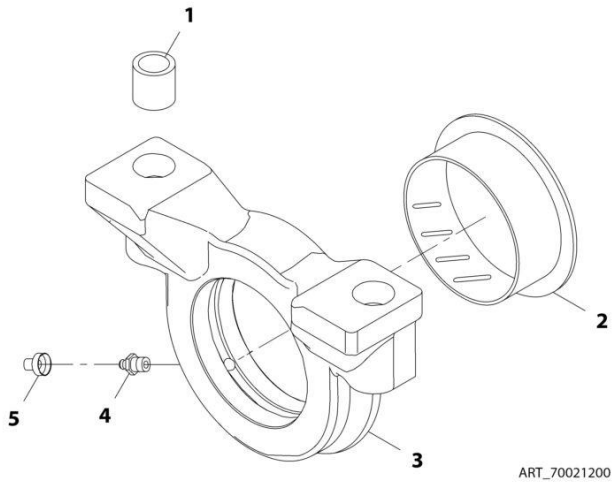


FIGURE 5-44. SUPPORT KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021200	Ref	Support Kit	
1	91474516	4	Bushing, Reduction	
2	70021198	2	Bushing, Thrust	
3	70021199	2	Support	
4	91514099	2	Fitting, Grease	
5	80204117	2	Plug	

FIGURE 5-45. DRIVE SHAFTS INSTALLATION

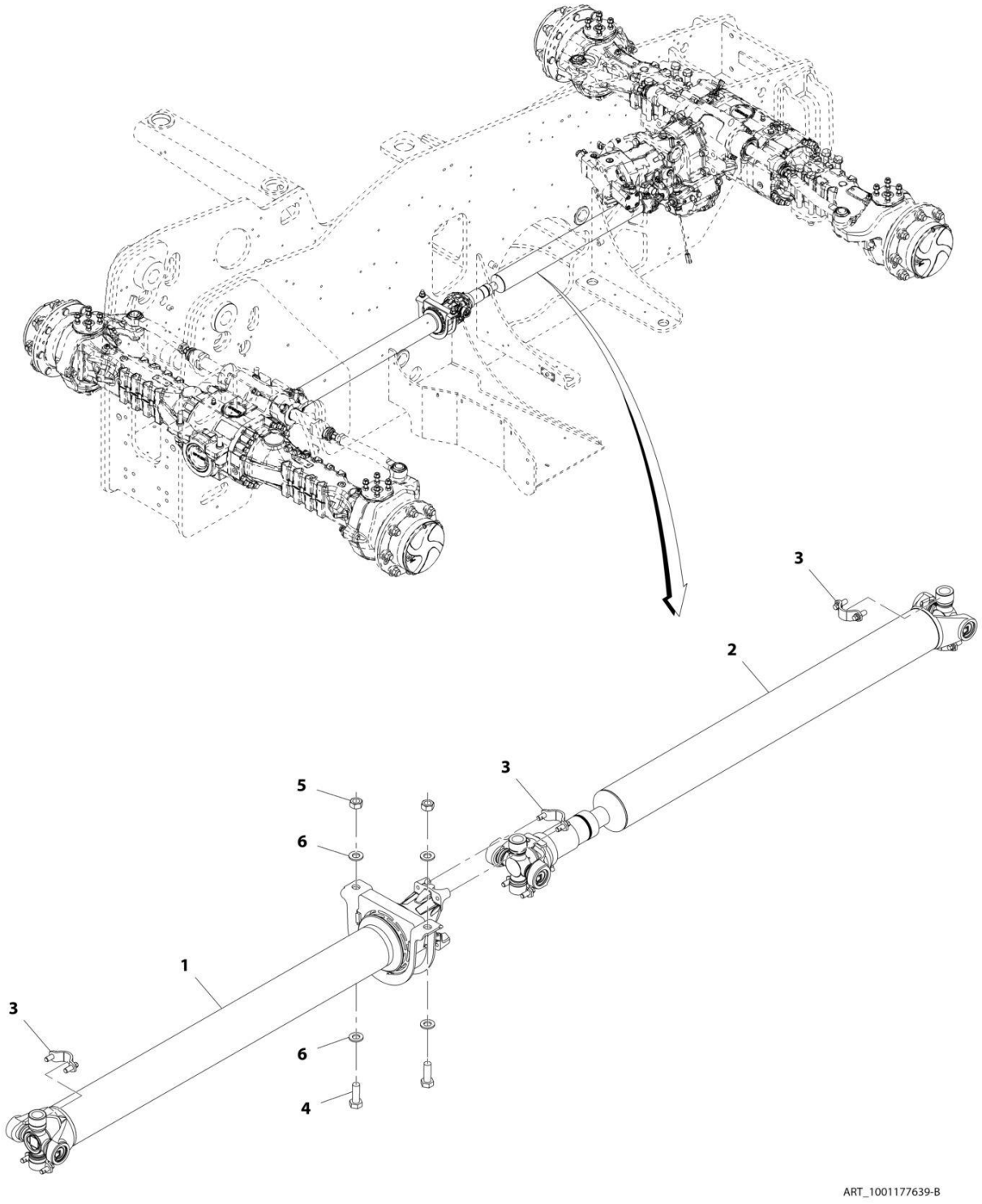
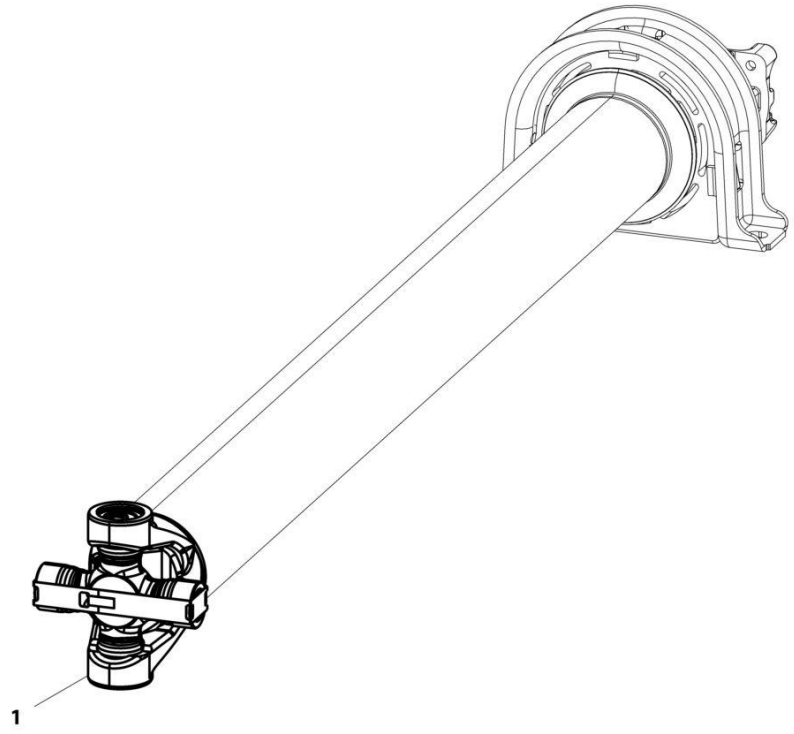


FIGURE 5-45. DRIVE SHAFTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177639	Ref	Drive Shafts Installation	B
1	1001176221	Ref	Installation, Front Drive Shaft (See Separate Breakdown in this Section)	
2	1001176222	Ref	Installation, Rear Drive Shaft (See Separate Breakdown in this Section)	
3	8005079	6	Clampset	
4	0761215	2	Bolt, M12X35	
5	3291201	2	Nut, M12X1.75 Grade 8	
6	4812100	4	Washer, M12	

FIGURE 5-46. FRONT DRIVE SHAFT

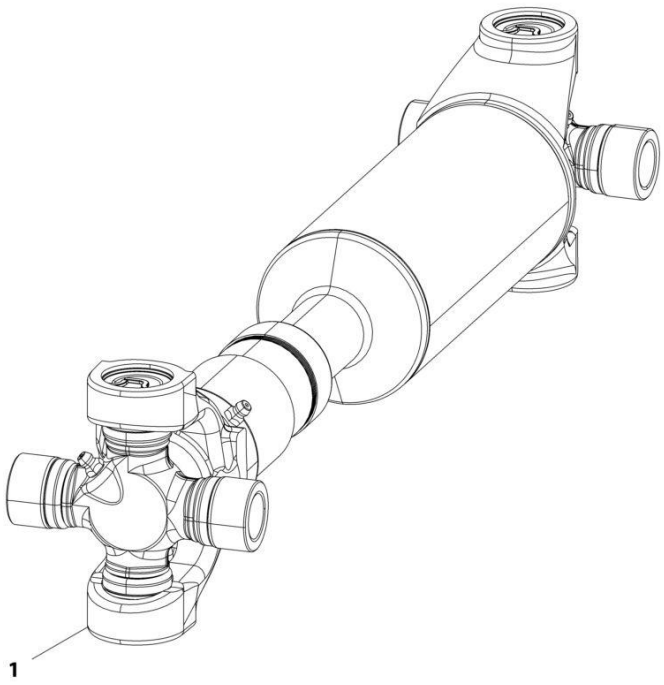


ART_1001176221-B

FIGURE 5-46. FRONT DRIVE SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176221	Ref	Front Drive Shaft	B
1	7029271	1	Kit, Cross and Bearing	

FIGURE 5-47. REAR DRIVE SHAFT



ART_1001176222-B

FIGURE 5-47. REAR DRIVE SHAFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176222	Ref	Rear Drive Shaft	B
1	7029271	2	Kit, Cross and Bearing	

FIGURE 5-48. AXLE SHIM INSTALLATION (20IN WHEEL)

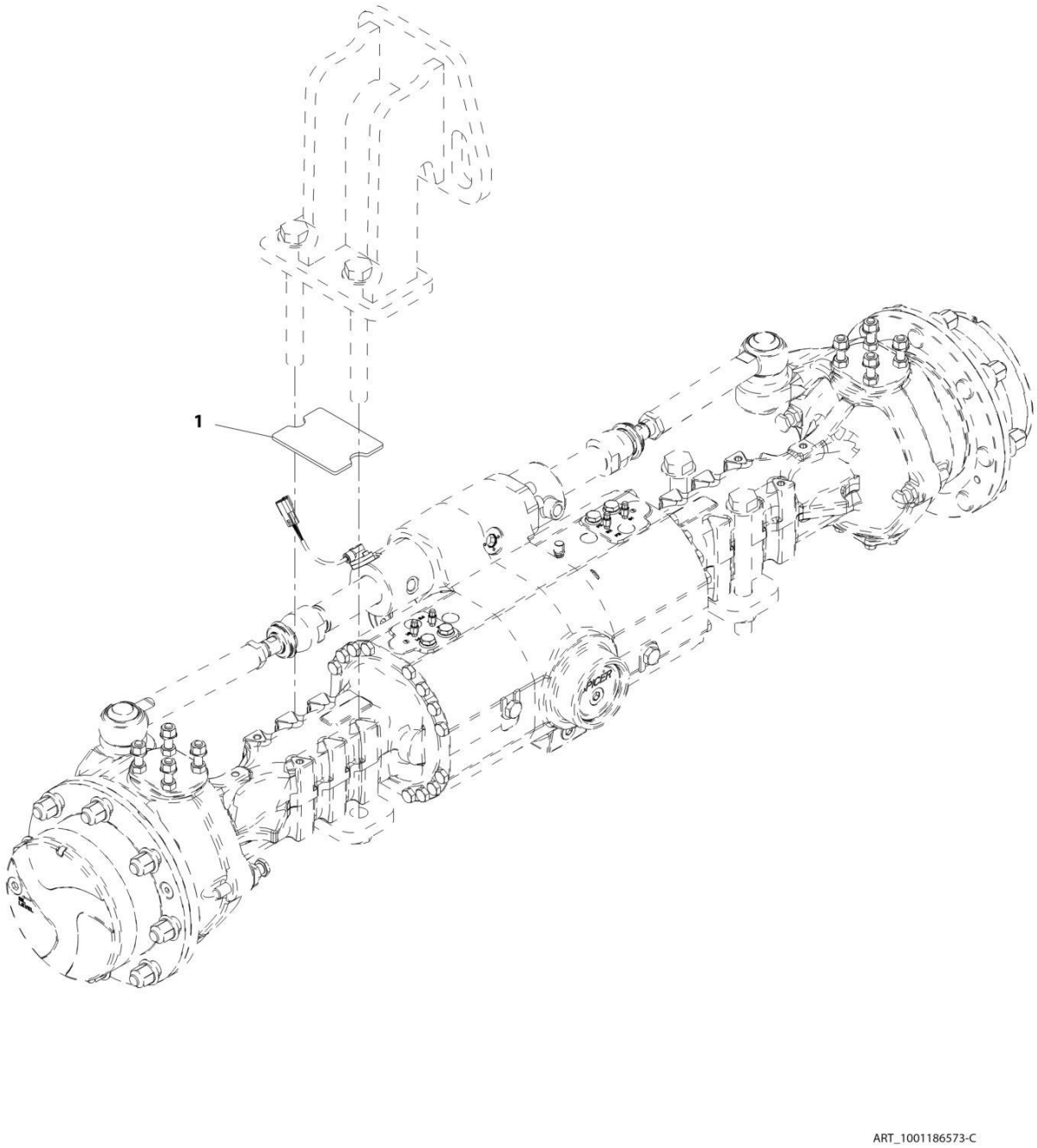


FIGURE 5-48. AXLE SHIM INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186573	Ref	Axle Shim Installation (20IN Wheel)	C
1	1001190533	1	Plate, Axle Shim	

FIGURE 5-49. AXLE SHIM INSTALLATION

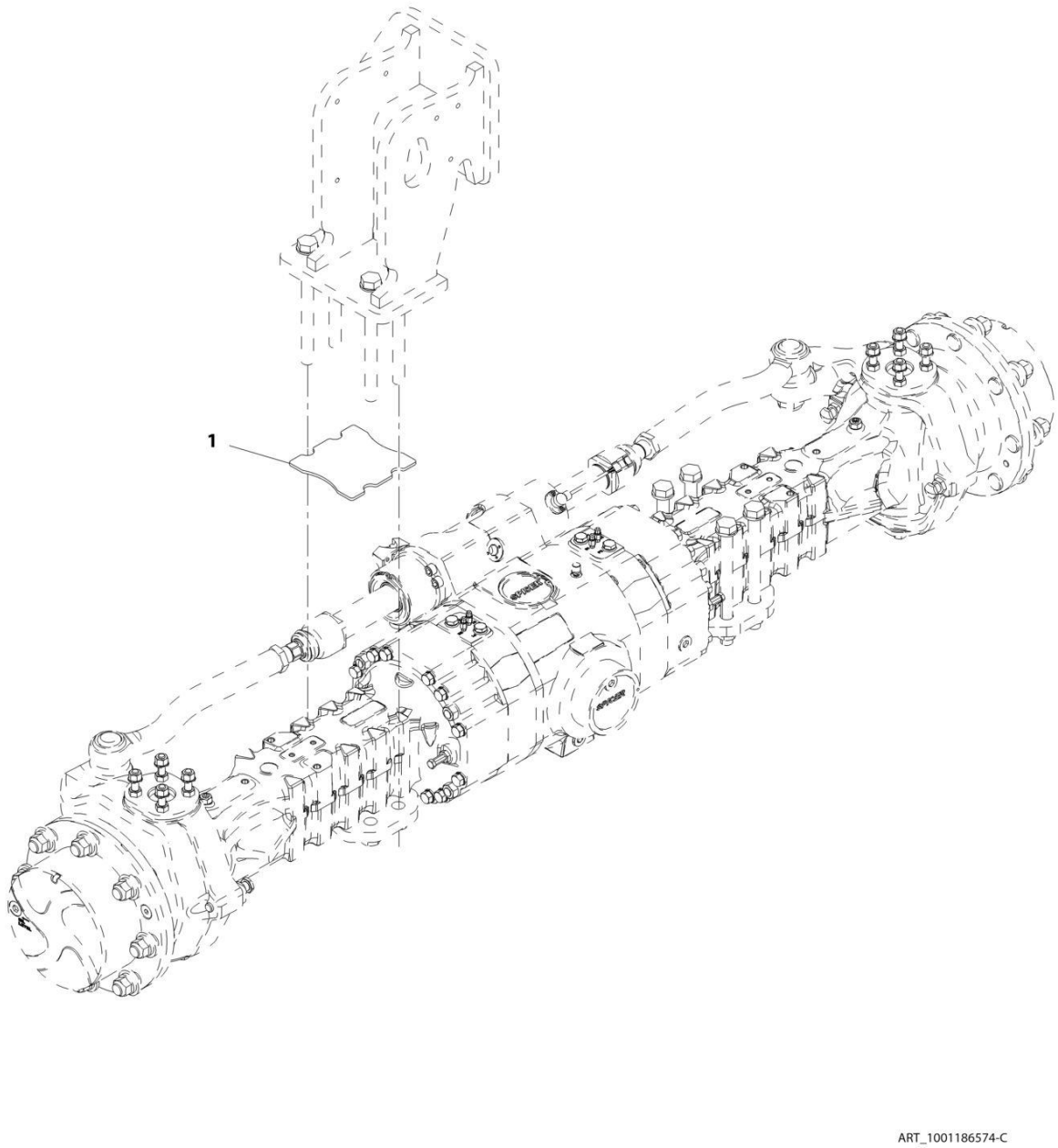


FIGURE 5-49. AXLE SHIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186574	Ref	Axle Shim Installation (24IN Wheel)	C
1	1001190541	1	Plate, Axle Shim	

FIGURE 5-50. TIRE/WHEEL SET (20IN WHEEL - 405/70 - AIR)

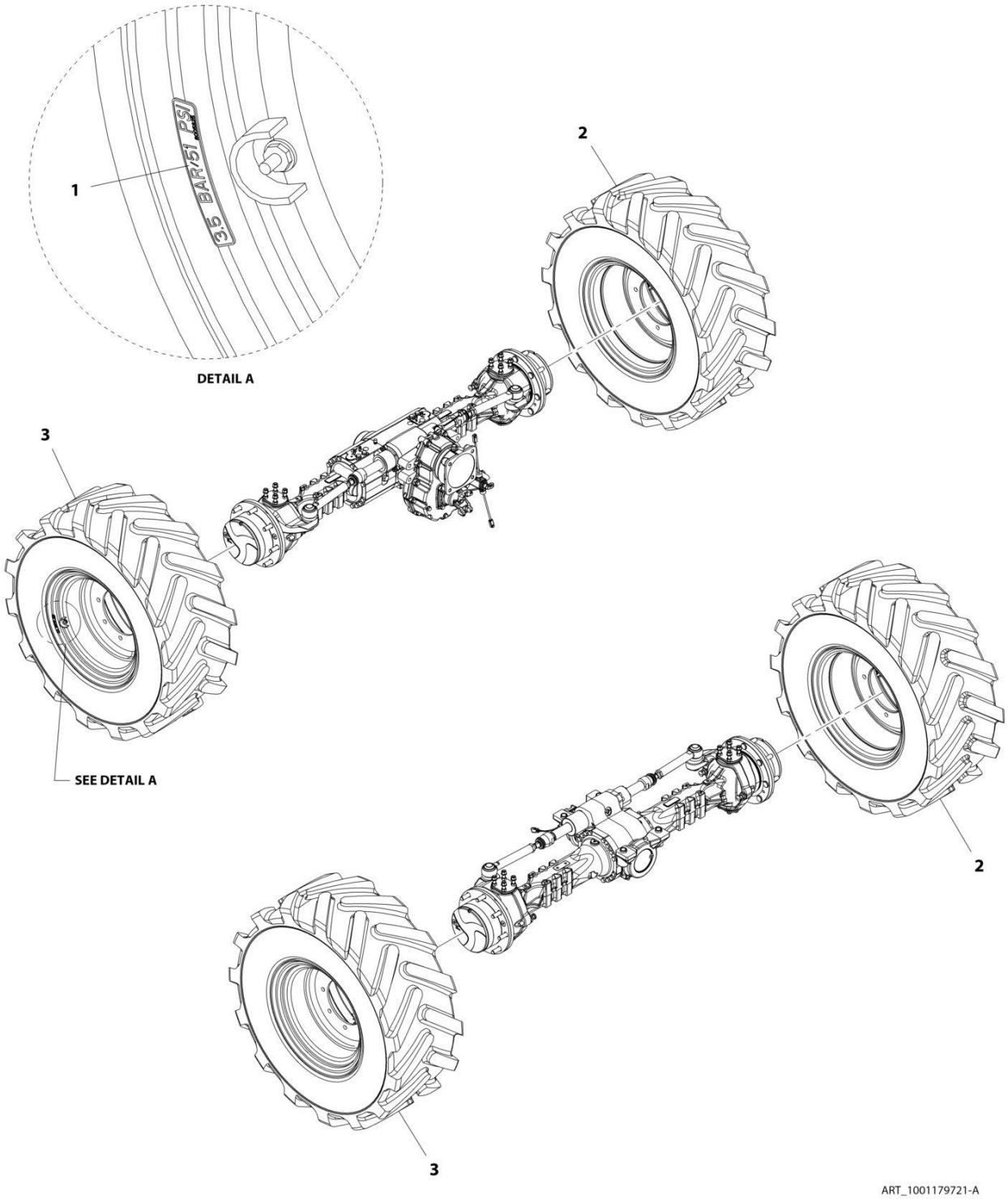


FIGURE 5-50. TIRE/WHEEL SET (20IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179721	Ref	Tire/Wheel Set (20IN Wheel - 405/70 - Air)	A
1	8005825	4	Label, 3.5 Bar	
2	1001178287J	2	Assembly, Right Tire/Wheel (20IN Wheel - 405/70 - Air) (See Separate Breakdown in this Section)	
3	1001178288J	2	Assembly, Left Tire/Wheel (20IN Wheel - 405/70 - Air) (See Separate Breakdown in this Section)	

FIGURE 5-51. RIGHT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 405/70 - AIR)

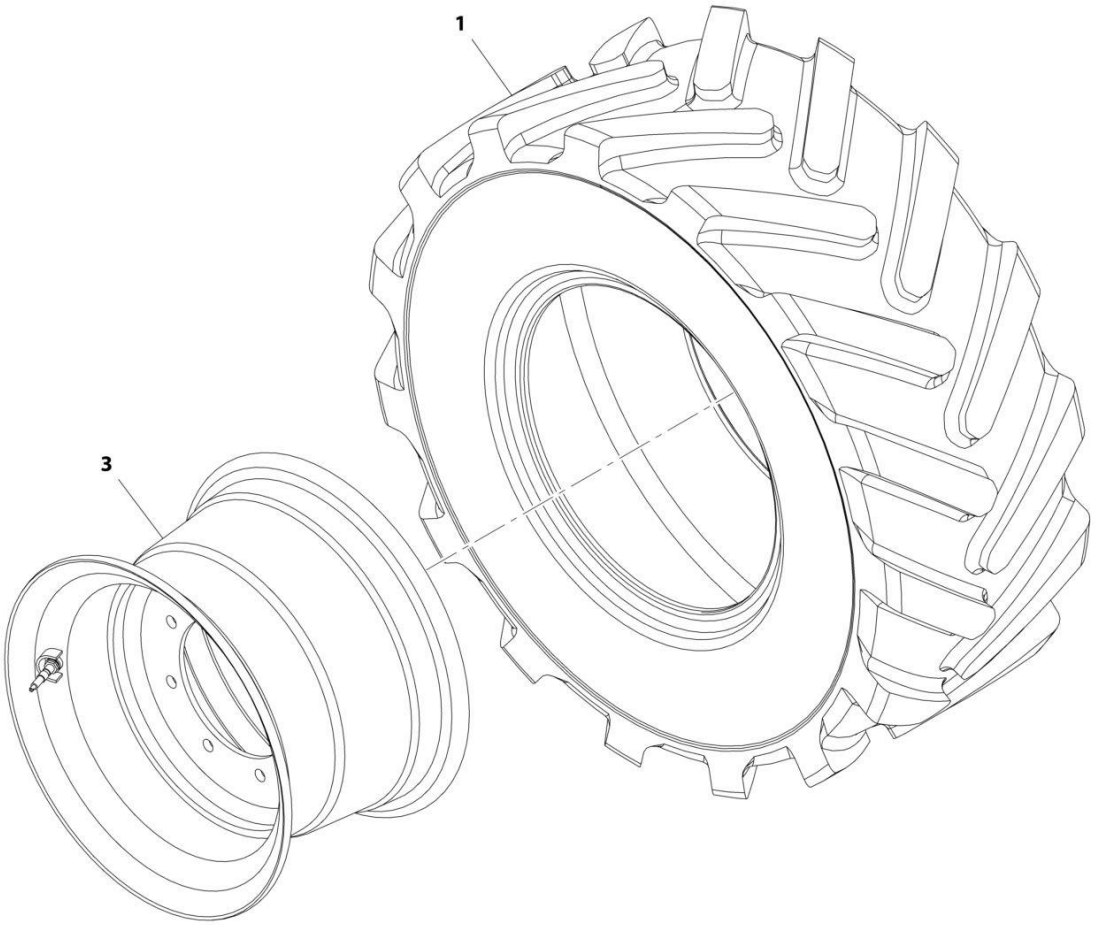
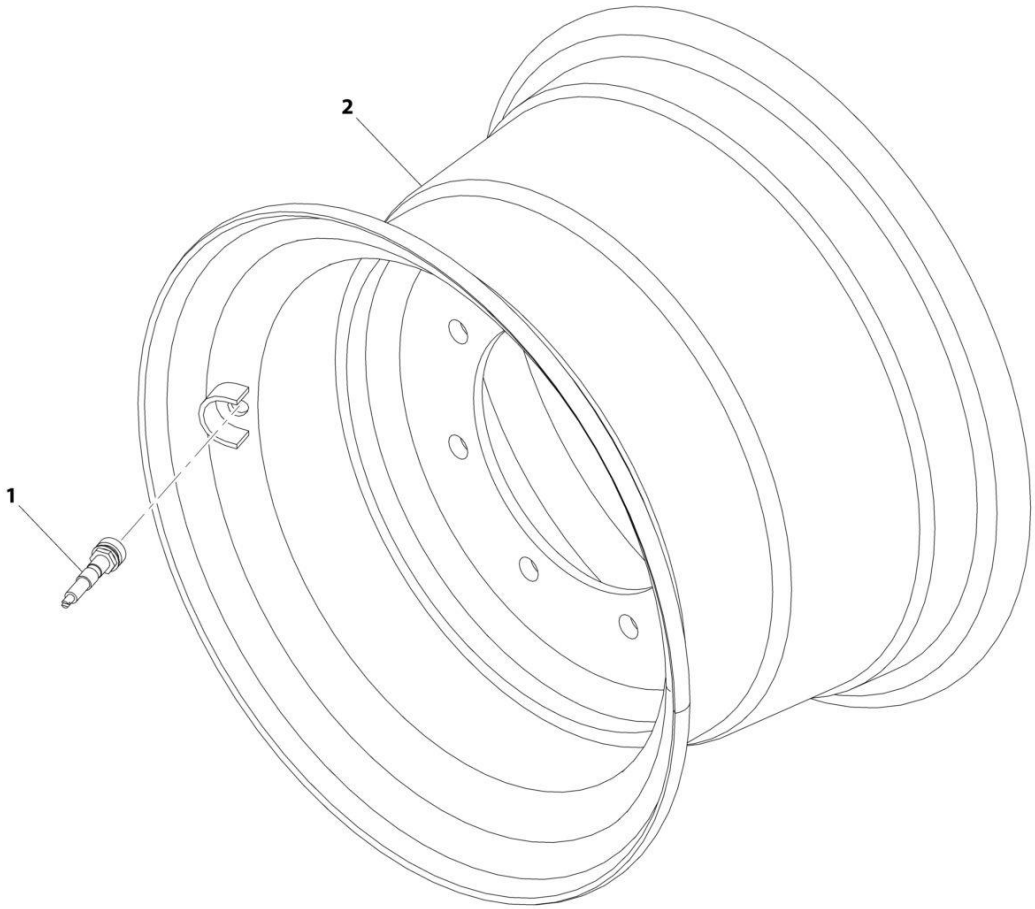


FIGURE 5-51. RIGHT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178287J	Ref	Right Tire/Wheel Assembly (20IN Wheel - 405/70 - Air)	B
1	3767853	1	Tire, 20IN - 405/70	
3	1001219731	1	Wheel, RH Rim Assembly (See Separate Breakdown in this Section)	

FIGURE 5-52. WHEEL, RH RIM ASSEMBLY (20IN WHEEL - 405/70 - AIR)



ART_1001219731-A

FIGURE 5-52. WHEEL, RH RIM ASSEMBLY (20IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219731	Ref	Wheel, RH Rim Assembly, (20IN Wheel - 405/70 - Air)	A
1	1001008719	1	Valve	
2	1001176203J	1	Wheel, 13X20	

FIGURE 5-53. LEFT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 405/70 - AIR)

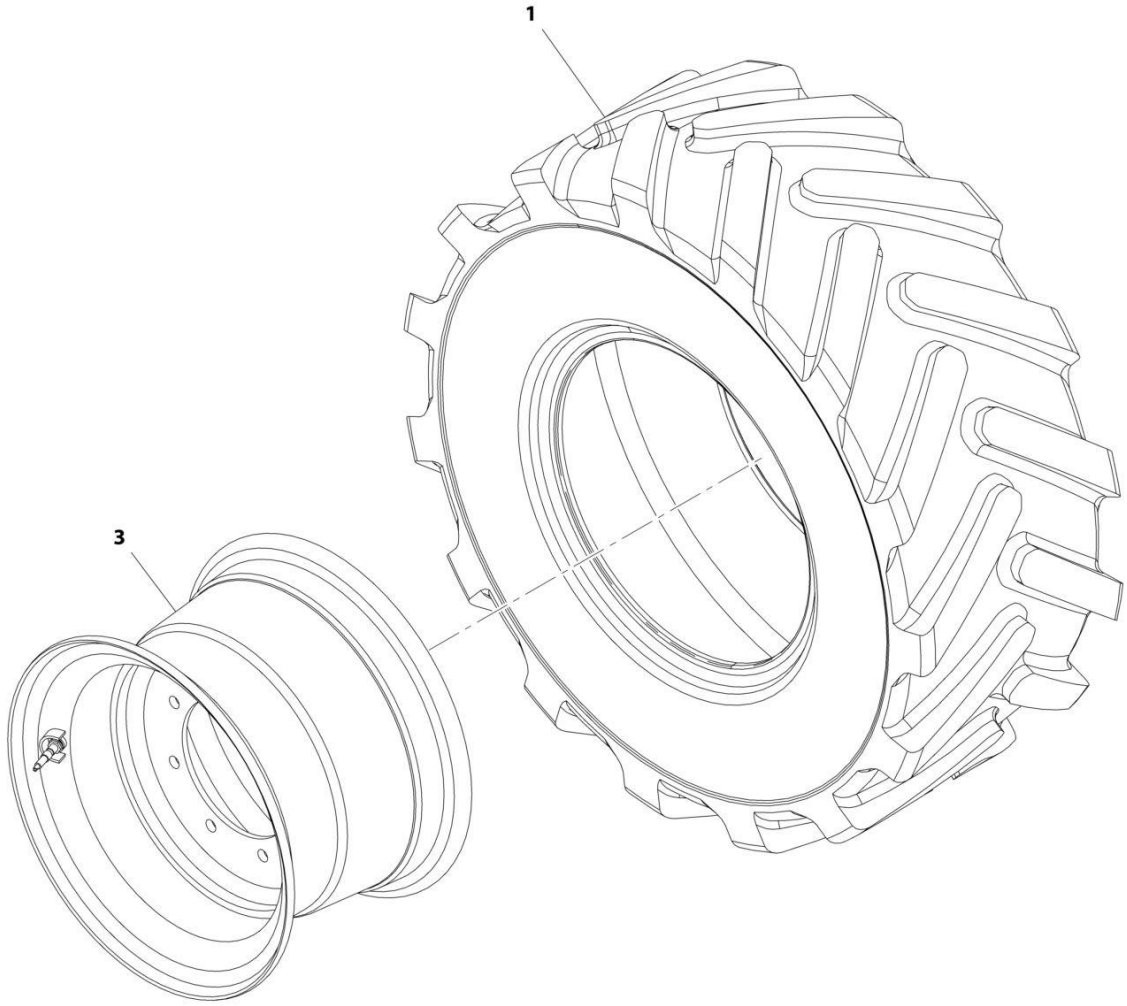
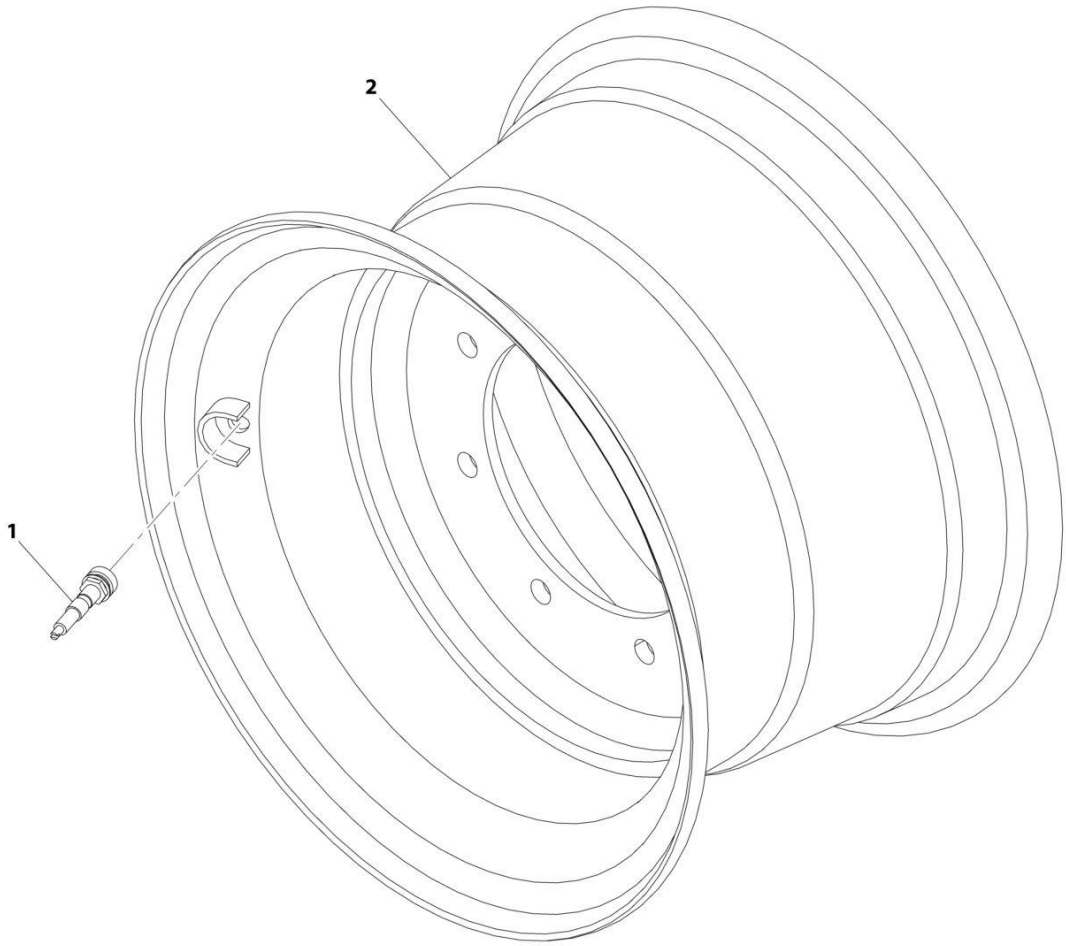


FIGURE 5-53. LEFT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178288J	Ref	Left Tire/Wheel Assembly (20IN Wheel - 405/70 - Air)	B
1	3767853	1	Tire, 20IN - 405/70	
3	1001219732	1	Wheel, LH Rim Assembly, (See Separate Breakdown in this Section)	

FIGURE 5-54. WHEEL, LH RIM ASSEMBLY (20IN WHEEL - 405/70 - AIR)



ART_1001219732-A

FIGURE 5-54. WHEEL, LH RIM ASSEMBLY (20IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219732	Ref	Wheel, LH Rim Assembly, (20IN Wheel - 405/70 - Air)	A
1	1001008719	1	Valve	
2	1001176203J	1	Wheel, 13X20	

FIGURE 5-55. TIRE/WHEEL SET (20IN WHEEL - 400/70 - AIR)

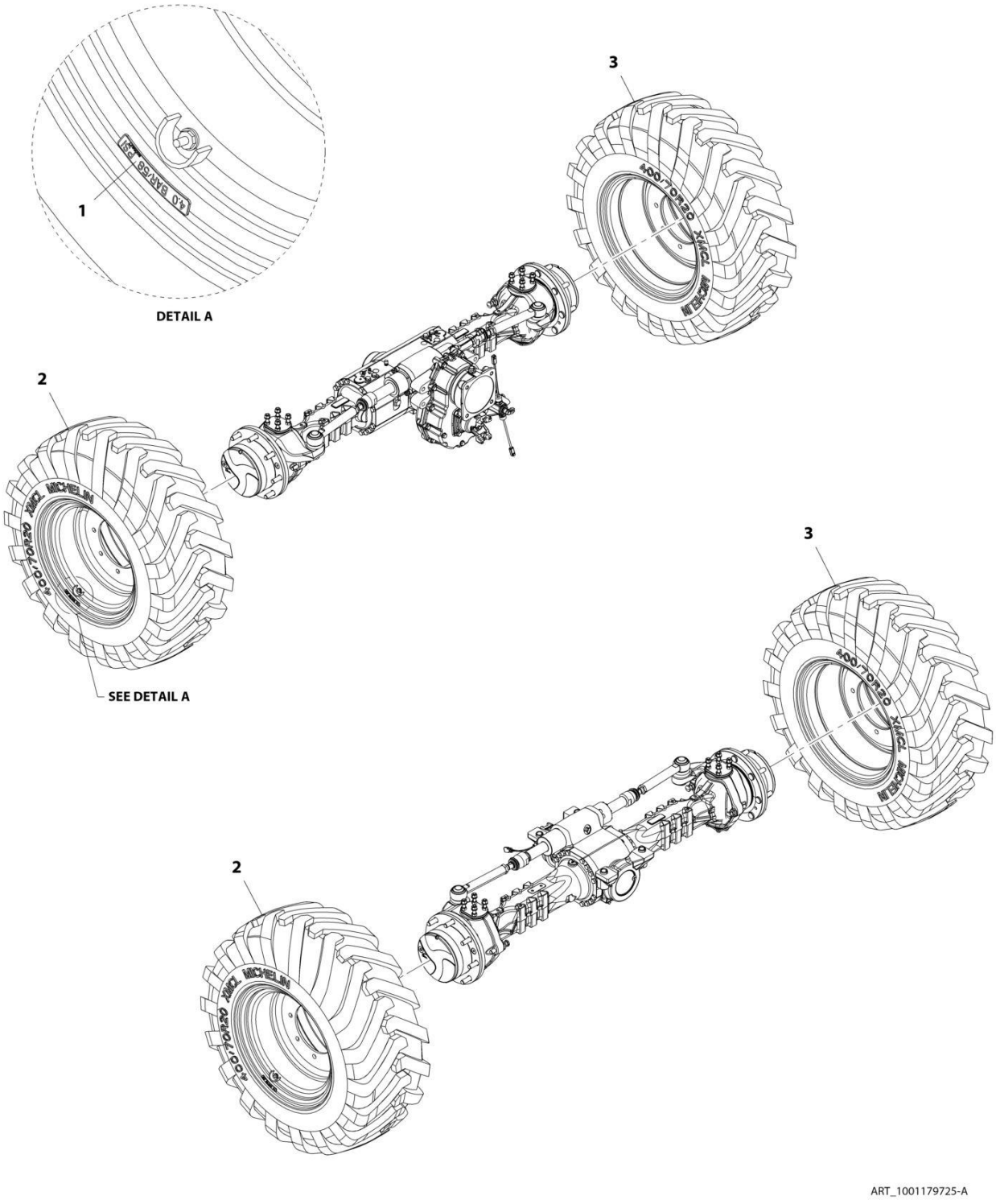


FIGURE 5-55. TIRE/WHEEL SET (20IN WHEEL - 400/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179725	Ref	Tire/Wheel Set (20IN Wheel - 400/70 - Air)	A
1	8005827	4	Label, 4.0 Bar	
2	1001179960J	2	Assembly, Left Tire/Wheel (20IN Wheel - 400/70 - Air) (See Separate Breakdown in this Section)	
3	1001179961J	2	Assembly, Right Tire/Wheel (20IN Wheel - 400/70 - Air) (See Separate Breakdown in this Section)	

FIGURE 5-56. RIGHT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 400/70 - AIR)

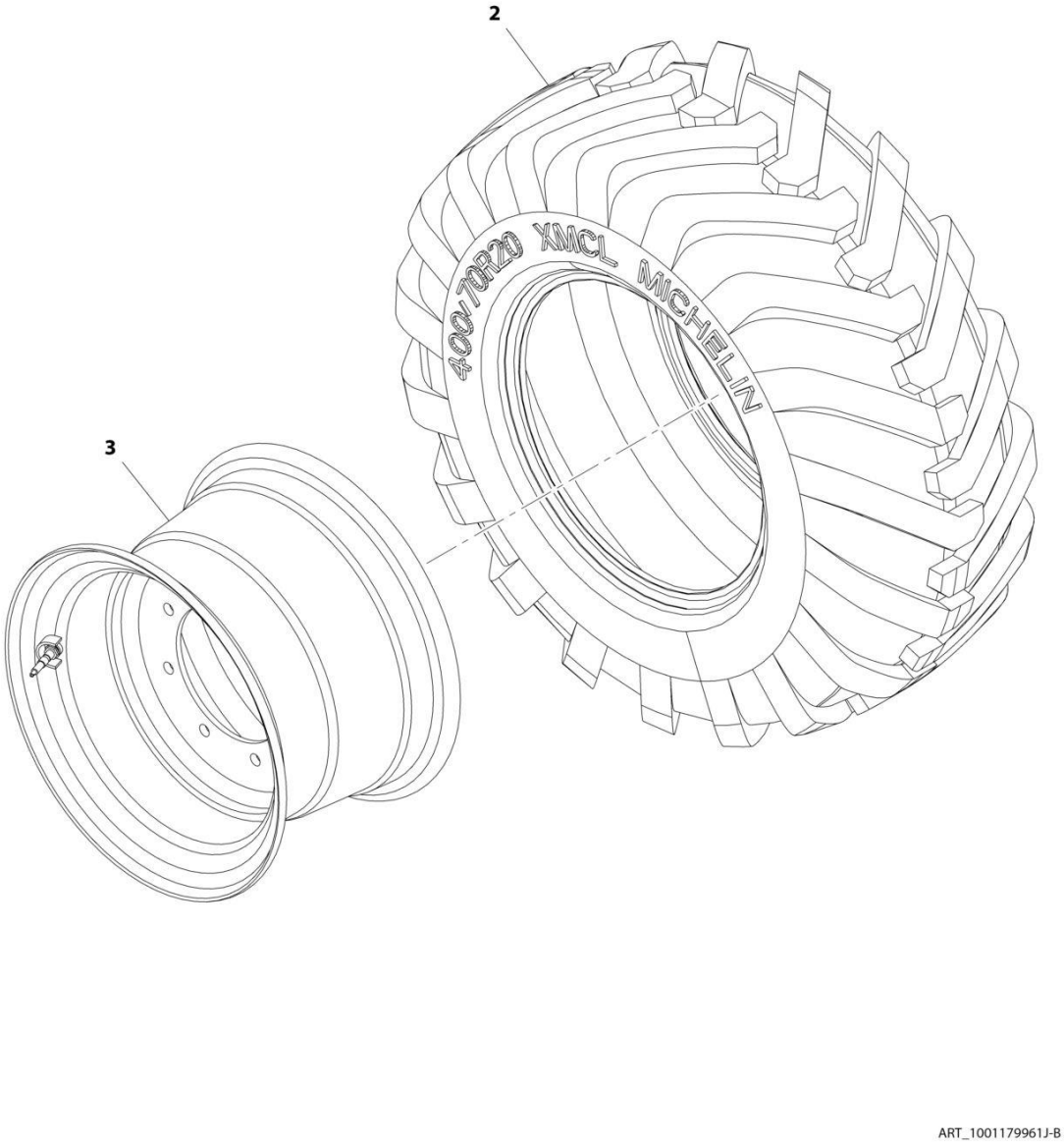
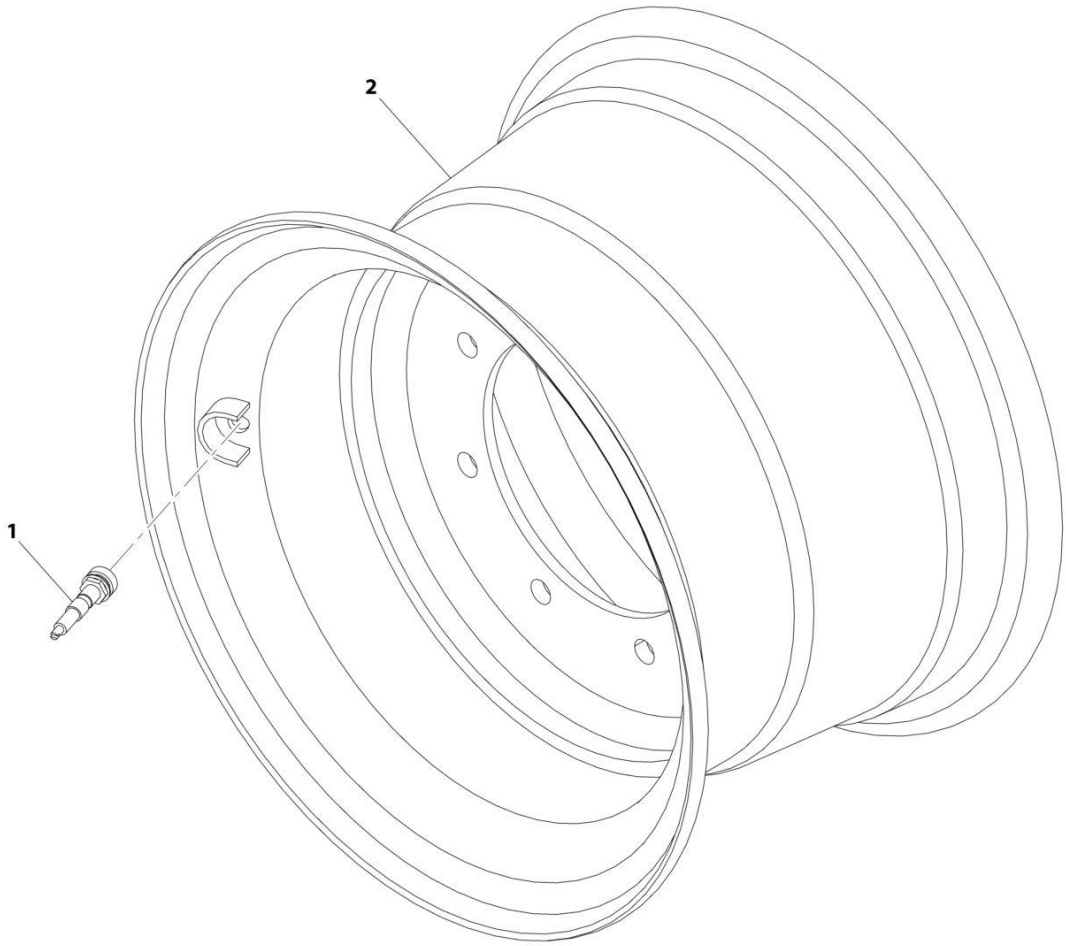


FIGURE 5-56. RIGHT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 400/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179961J	Ref	Right Tire/Wheel Assembly (20IN Wheel - 400/70 - Air)	B
2	1001110893	1	Tire, 460/70R24 XMCL	
3	1001219738	1	Wheel, RH Rim Assembly (See Separate Breakdown in this Section)	

FIGURE 5-57. WHEEL, RH RIM ASSEMBLY (20IN WHEEL - 400/70 - AIR)

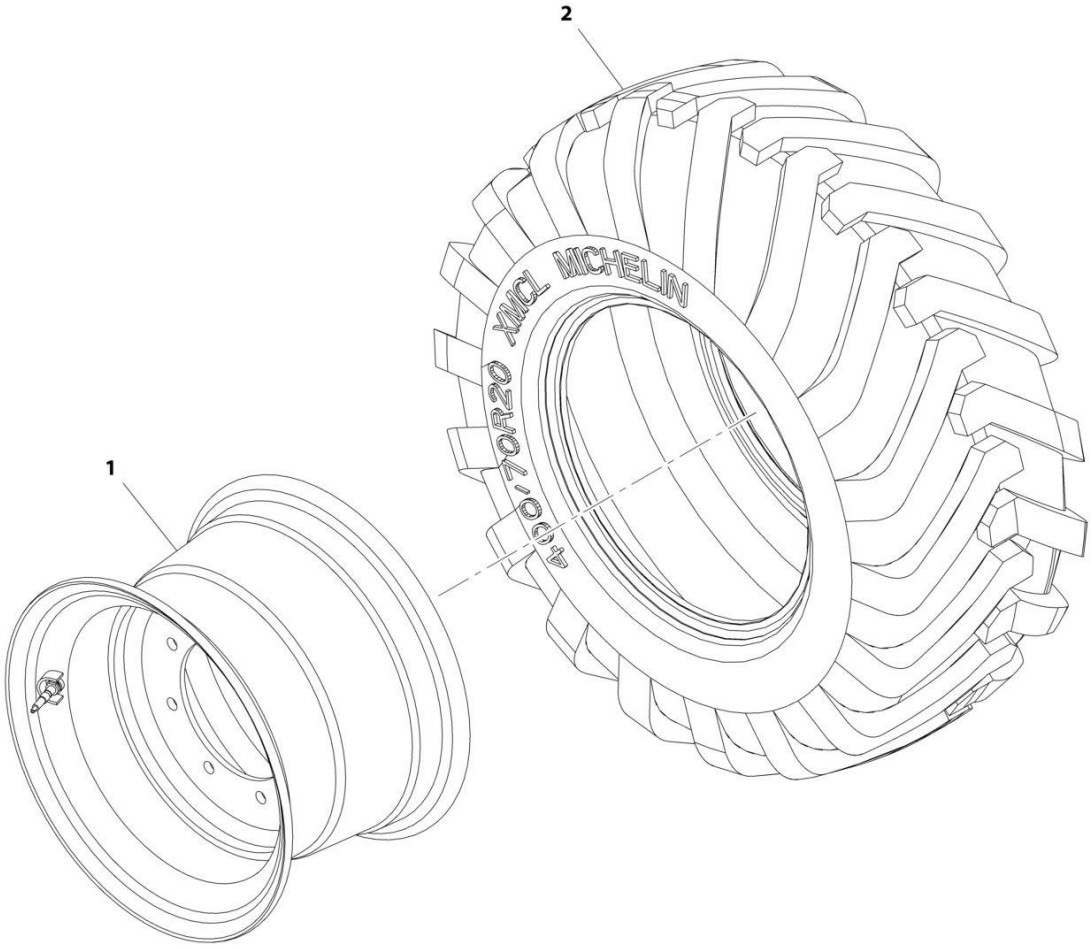


ART_1001219738-A

FIGURE 5-57. WHEEL, RH RIM ASSEMBLY (20IN WHEEL - 400/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219738	Ref	Wheel, RH Rim Assembly (20IN Wheel - 400/70 - Air)	A
1	1001008719	1	Valve	
2	1001176203J	1	Wheel, 13X20	

FIGURE 5-58. LEFT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 400/70 - AIR)

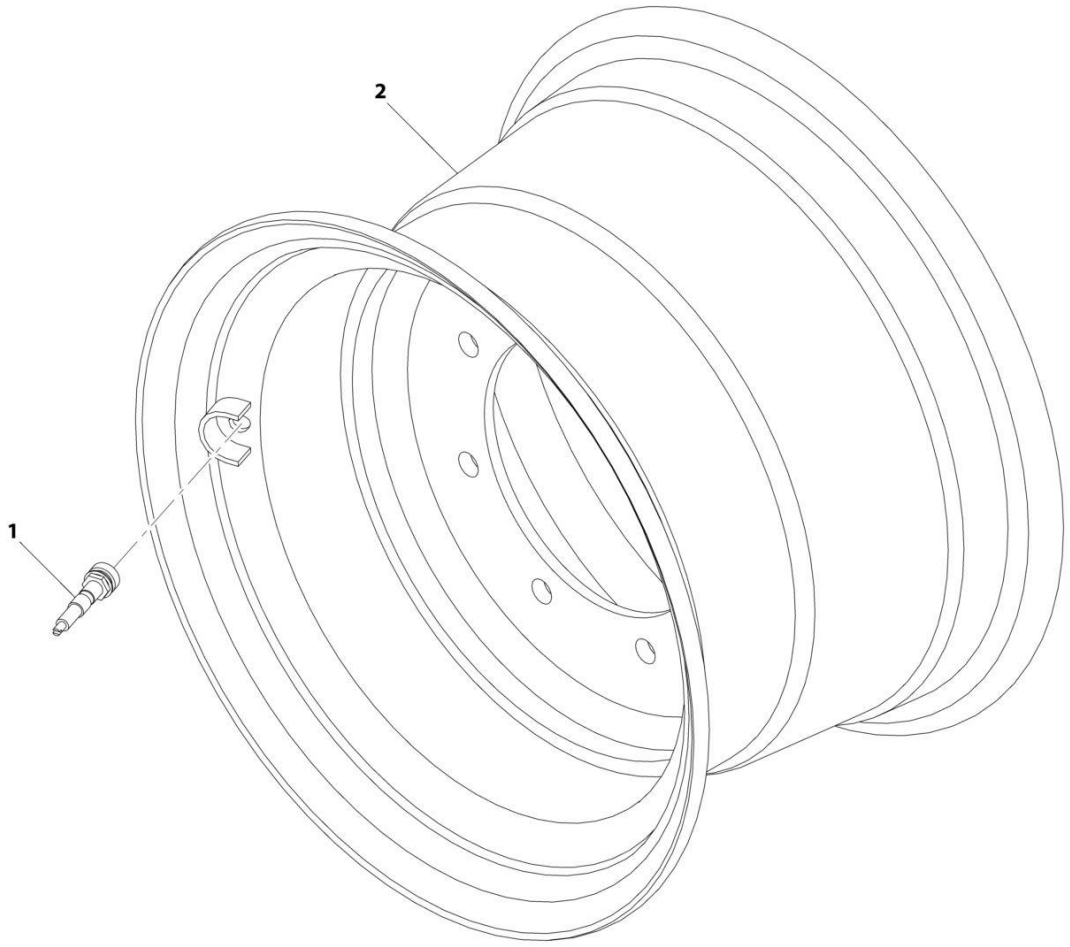


ART_1001179960J-B

FIGURE 5-58. LEFT TIRE/WHEEL ASSEMBLY (20IN WHEEL - 400/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179960J	Ref	Left Tire/Wheel Assembly (20IN Wheel - 400/70 - Air)	B
1	1001219758	1	Wheel, LH Rim Assembly (See Separate Breakdown in this Section)	
2	1001110893	1	Tire, 460/70R24 XMCL	

FIGURE 5-59. WHEEL, LH RIM ASSEMBLY (20IN WHEEL - 400/70 - AIR)



ART_1001219758-A

FIGURE 5-59. WHEEL, LH RIM ASSEMBLY (20IN WHEEL - 400/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219758	Ref	Wheel, LH Rim Assembly, (20IN Wheel - 400/70 - Air)	A
1	1001008719	1	Valve	
2	1001176203C	1	Wheel, 13X20	

FIGURE 5-60. TIRE/WHEEL SET (24IN WHEEL - 405/70 - AIR)

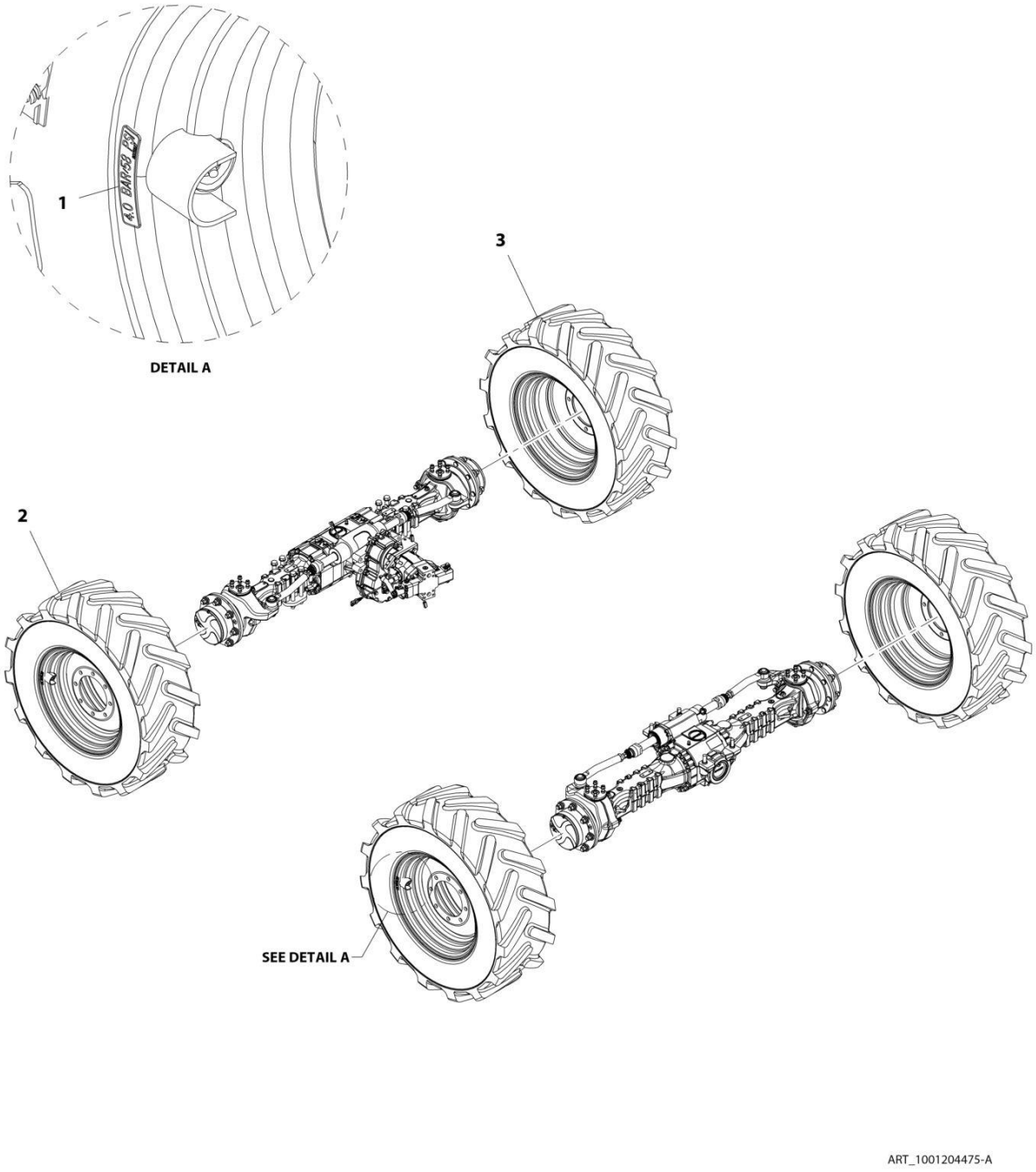


FIGURE 5-60. TIRE/WHEEL SET (24IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204475	Ref	Tire/Wheel Set (24IN Wheel - 405/70 - Air)	A
1	8005827	4	Label, 4.0 Bar	
2	1001197608J	2	Assembly, Left Tire/Wheel (24IN Wheel - 405/70 - Air) (See Separate Breakdown in this Section)	
3	1001197609J	2	Assembly, Right Tire/Wheel (24IN Wheel - 405/70 - Air) (See Separate Breakdown in this Section)	

FIGURE 5-61. RIGHT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 405/70 - AIR)

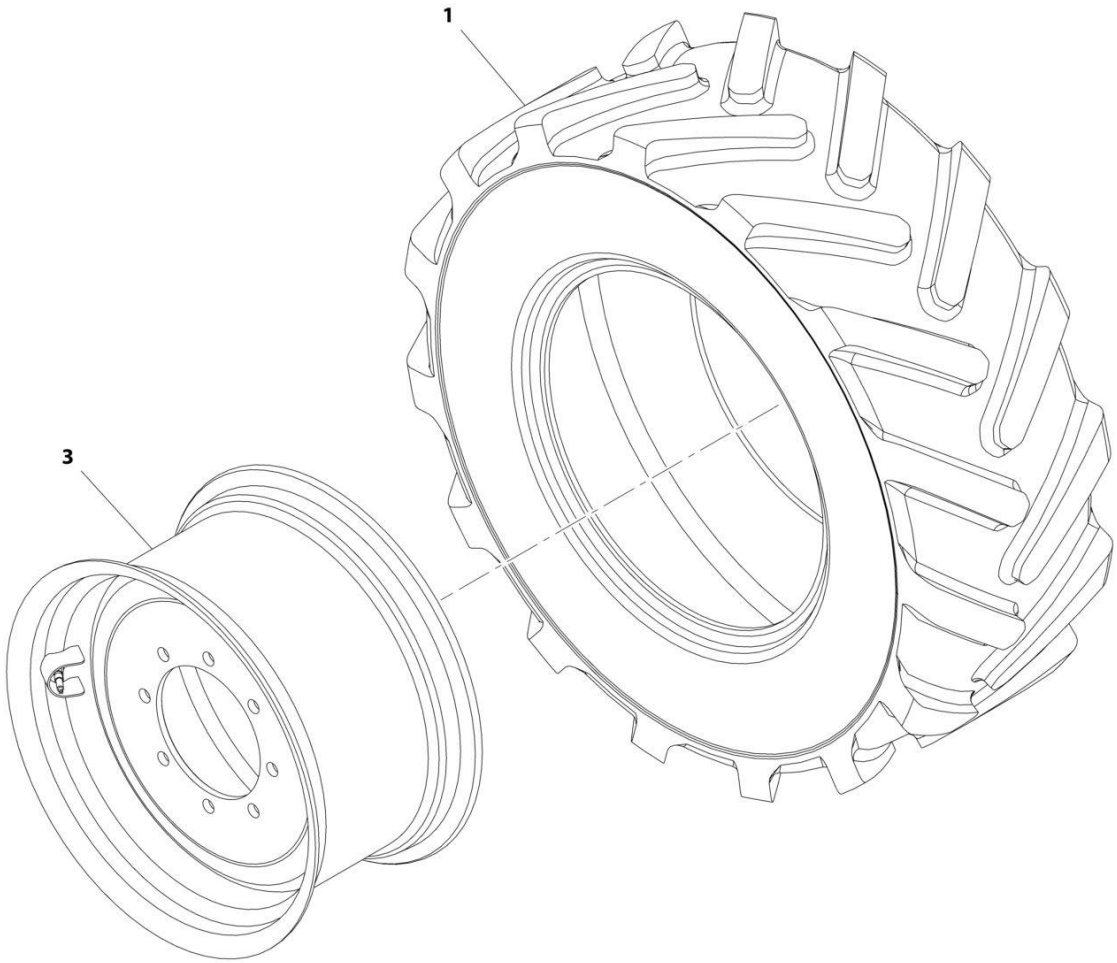
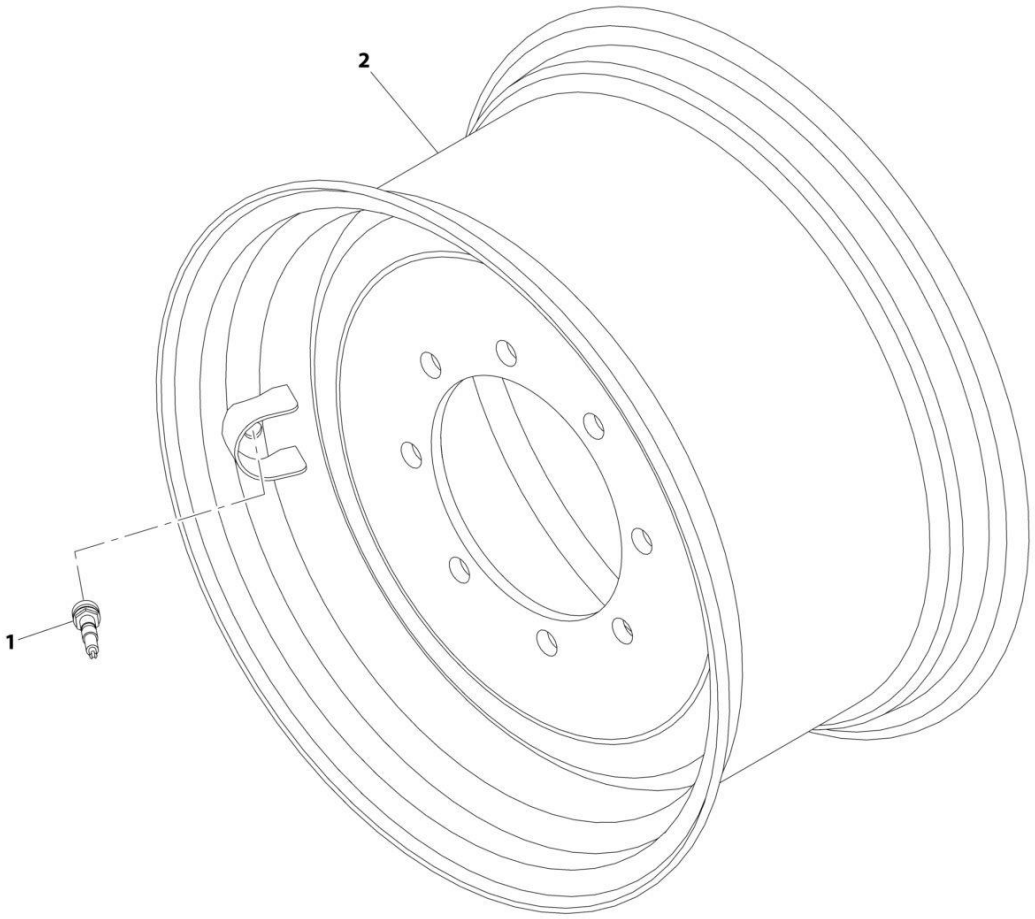


FIGURE 5-61. RIGHT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197609J	Ref	Right Tire/Wheel Assembly (24IN Wheel - 405/70 - Air)	C
1	3767864	1	Tire, 405/70 - 24	
3	1001219959	1	Wheel, RH Rim Assembly (See Separate Breakdown in this Section)	

FIGURE 5-62. WHEEL RH RIM ASSEMBLY (24IN WHEEL - 405/70 - AIR)



ART_1001219959-A

FIGURE 5-62. WHEEL RH RIM ASSEMBLY (24IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219959	Ref	Wheel, RH Rim Assembly, (24IN Wheel - 405/70 - Air)	A
1	1001008719	1	Valve	
2	1001214388	1	Wheel, DW 13X24	

FIGURE 5-63. LEFT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 405/70 - AIR)

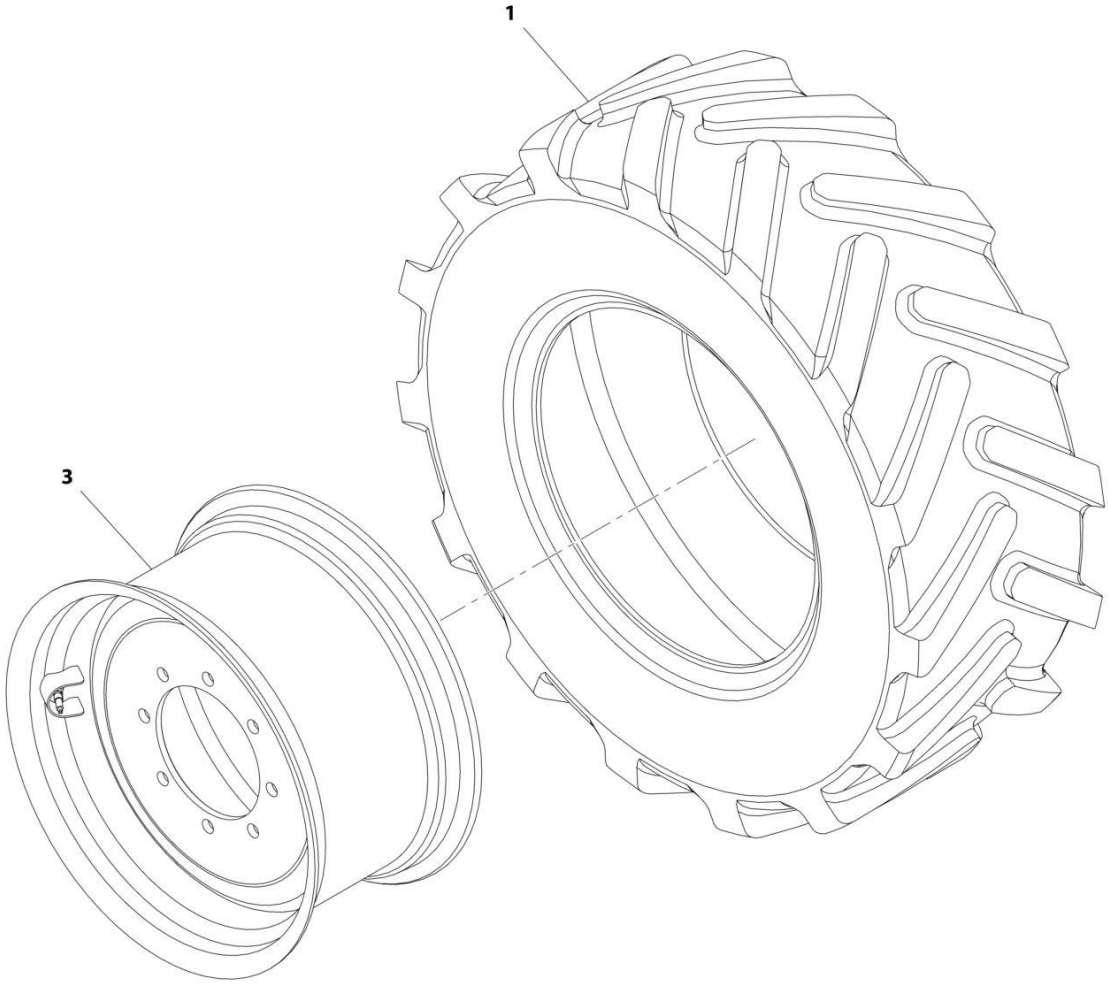
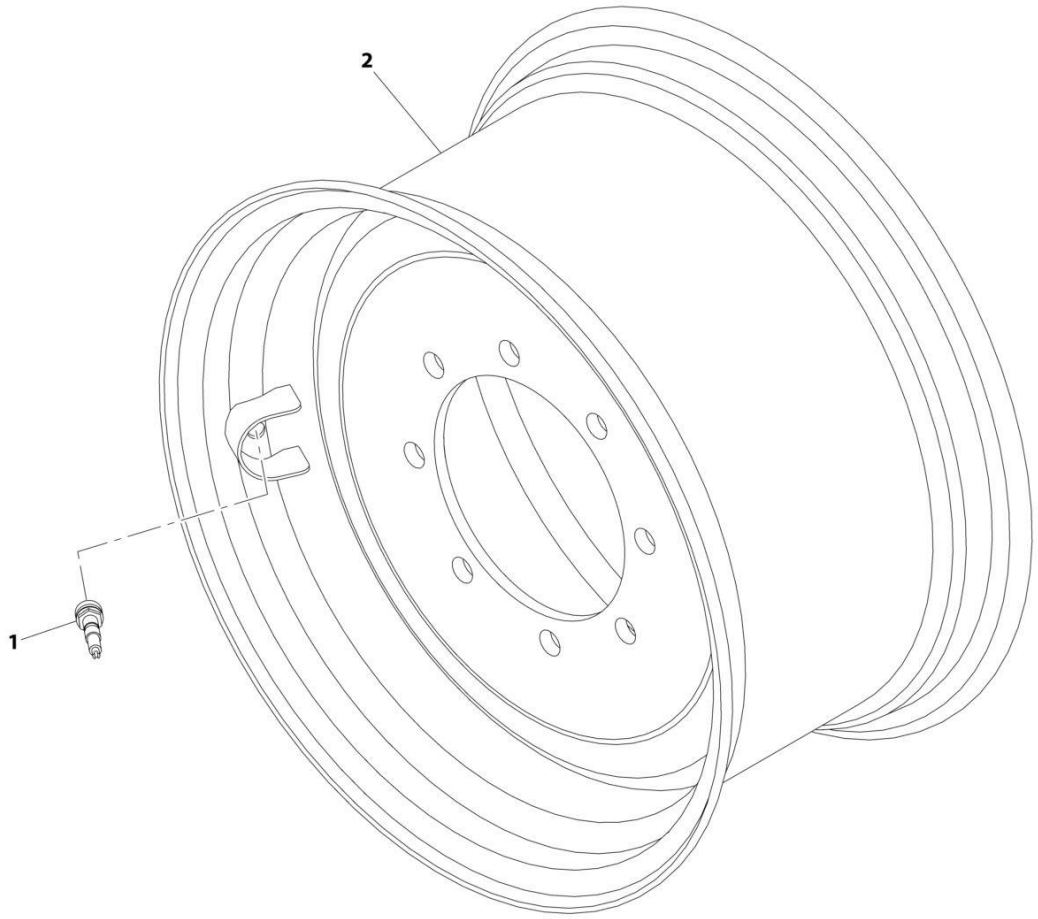


FIGURE 5-63. LEFT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197608J	Ref	Left Tire/Wheel Assembly (24IN Wheel - 405/70 - Air)	C
1	3767864	1	Tire, 405/70 - 24	
3	1001219960	1	Wheel, LH Rim Assembly (See Separate Breakdown in this Section)	

FIGURE 5-64. WHEEL LH RIM ASSEMBLY (24IN WHEEL - 405/70 - AIR)

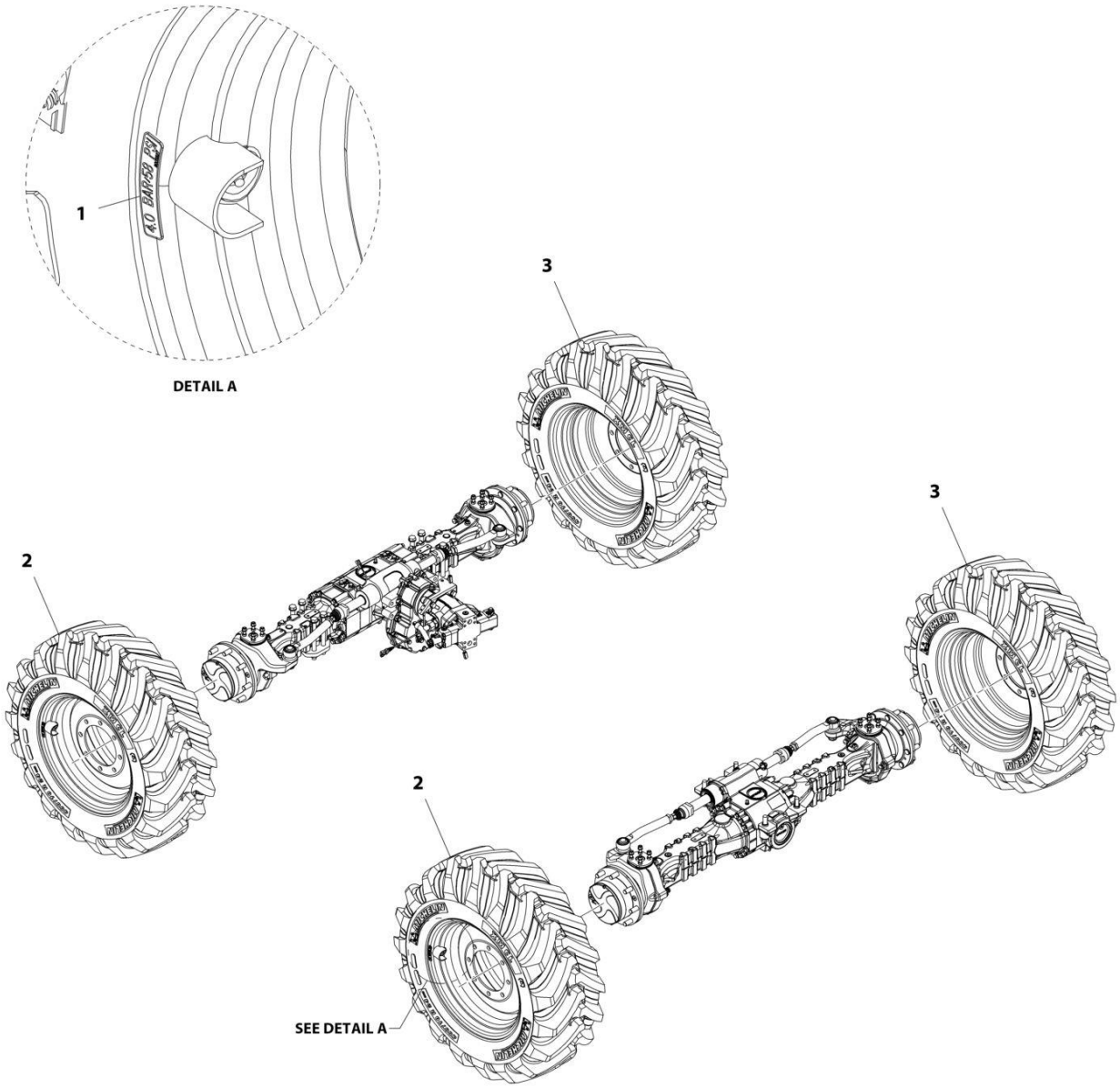


ART_1001219960-A

FIGURE 5-64. WHEEL LH RIM ASSEMBLY (24IN WHEEL - 405/70 - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219960	Ref	Wheel, LH Rim Assembly (24IN Wheel - 405/70 - Air)	A
1	1001008719	1	Valve	
2	1001214388	1	Wheel, DW 13X24	

FIGURE 5-65. TIRE/WHEEL SET (24IN WHEEL - 400/70 - XMCL - AIR)

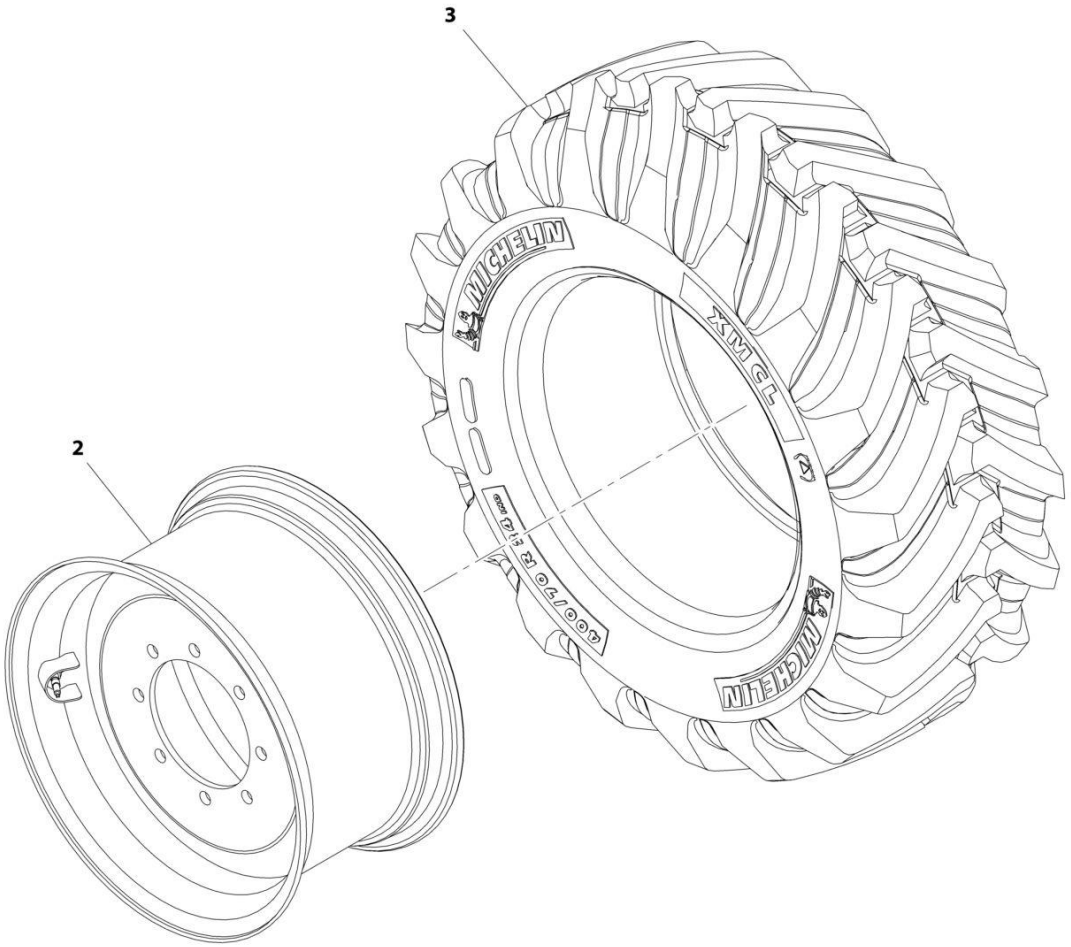


ART_1001204471-A

FIGURE 5-65. TIRE/WHEEL SET (24IN WHEEL - 400/70 - XMCL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204471	Ref	Tire/Wheel Set (24IN Wheel - 400/70 - XMCL - Air)	A
1	8005827	4	Label, 4.0 Bar	
2	1001197602J	2	Assembly, Left Tire/Wheel (24IN Wheel - 400/70 - XMCL - Air) (See Separate Breakdown in this Section)	
3	1001197603J	2	Assembly, Right Tire/Wheel (24IN Wheel - 400/70 - XMCL - Air) (See Separate Breakdown in this Section)	

FIGURE 5-66. RIGHT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)

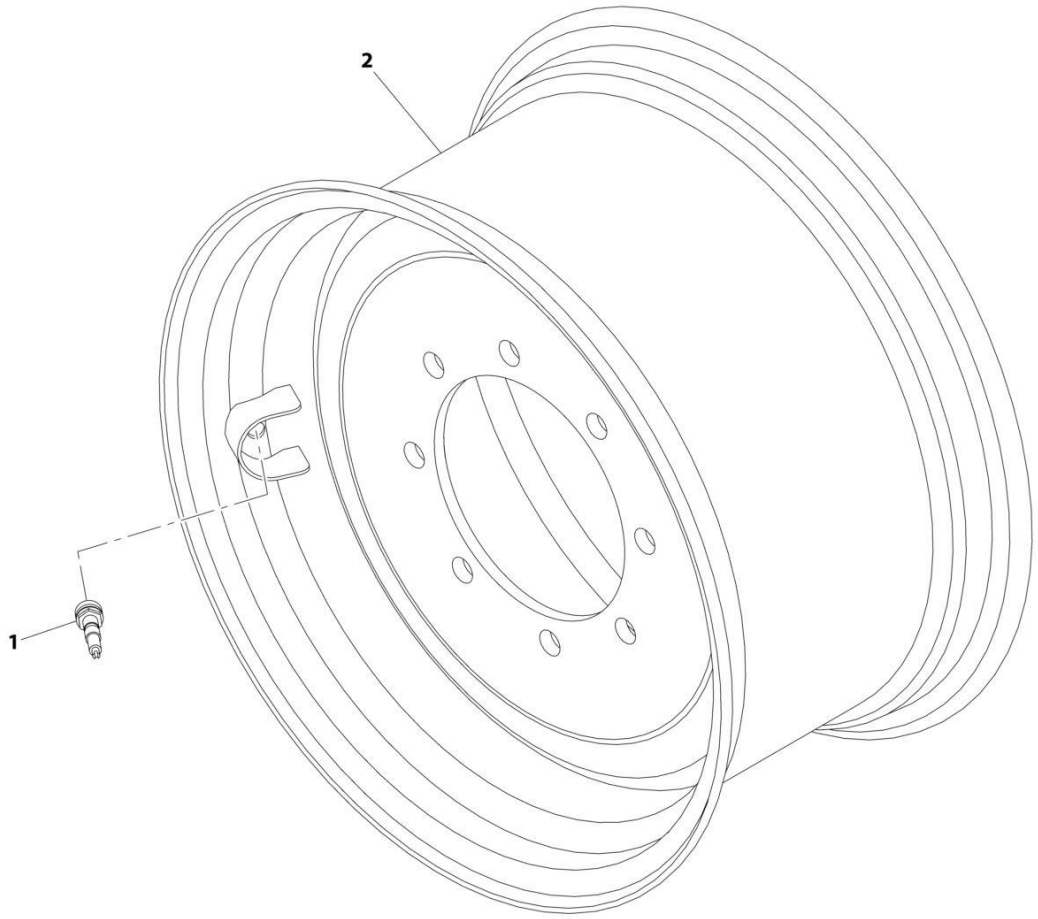


ART_1001197603J-C

FIGURE 5-66. RIGHT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197603J	Ref	Right Tire/Wheel Assembly (24IN Wheel - 400/70 - XMCL - Air)	C
2	1001219955	1	Wheel, RH Rim Assembly (See Separate Breakdown in this Section)	
3	1001197611	1	Tire, 400/70R24	

FIGURE 5-67. WHEEL RH RIM ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)

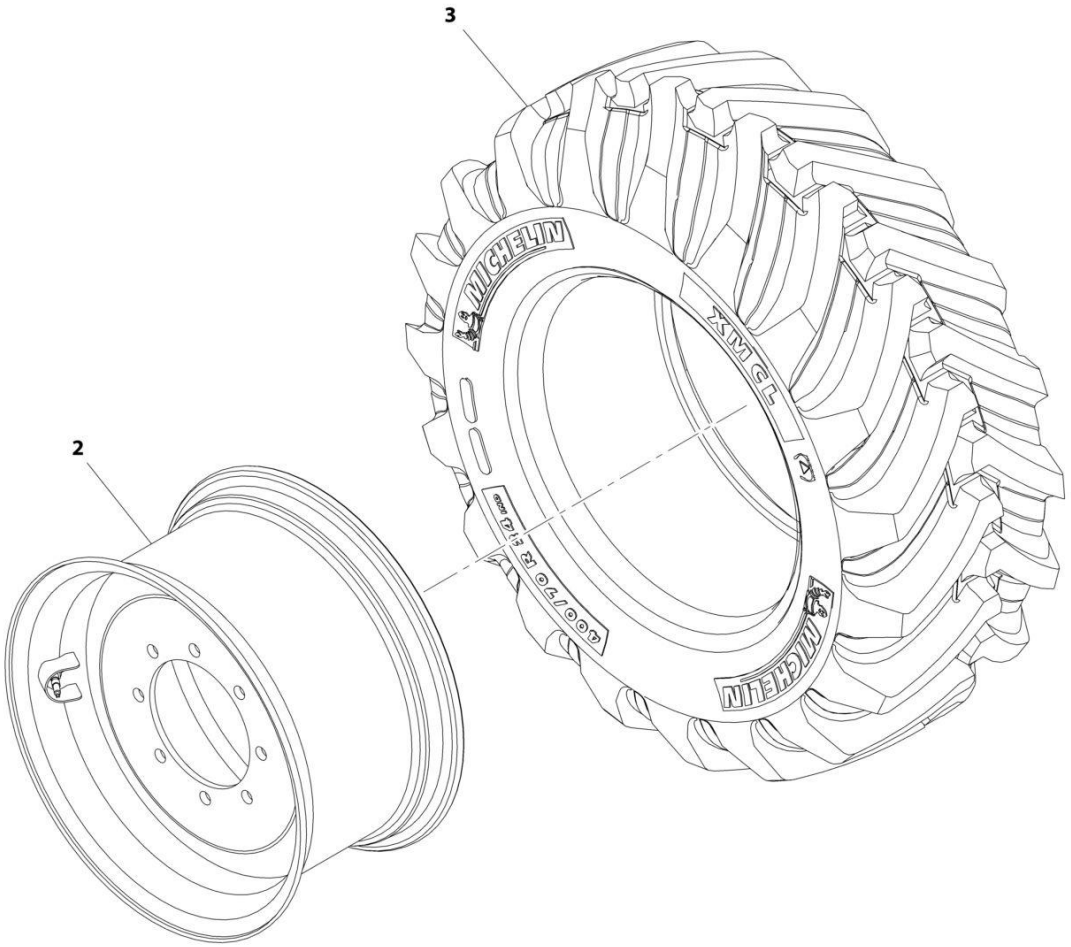


ART_1001219955-A

FIGURE 5-67. WHEEL RH RIM ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219955	Ref	Wheel, RH Rim Assembly (24IN Wheel - 400/70 - XMCL - Air)	A
1	1001008719	1	Valve	
2	1001214388	1	Wheel, DW 13X24	

FIGURE 5-68. LEFT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)

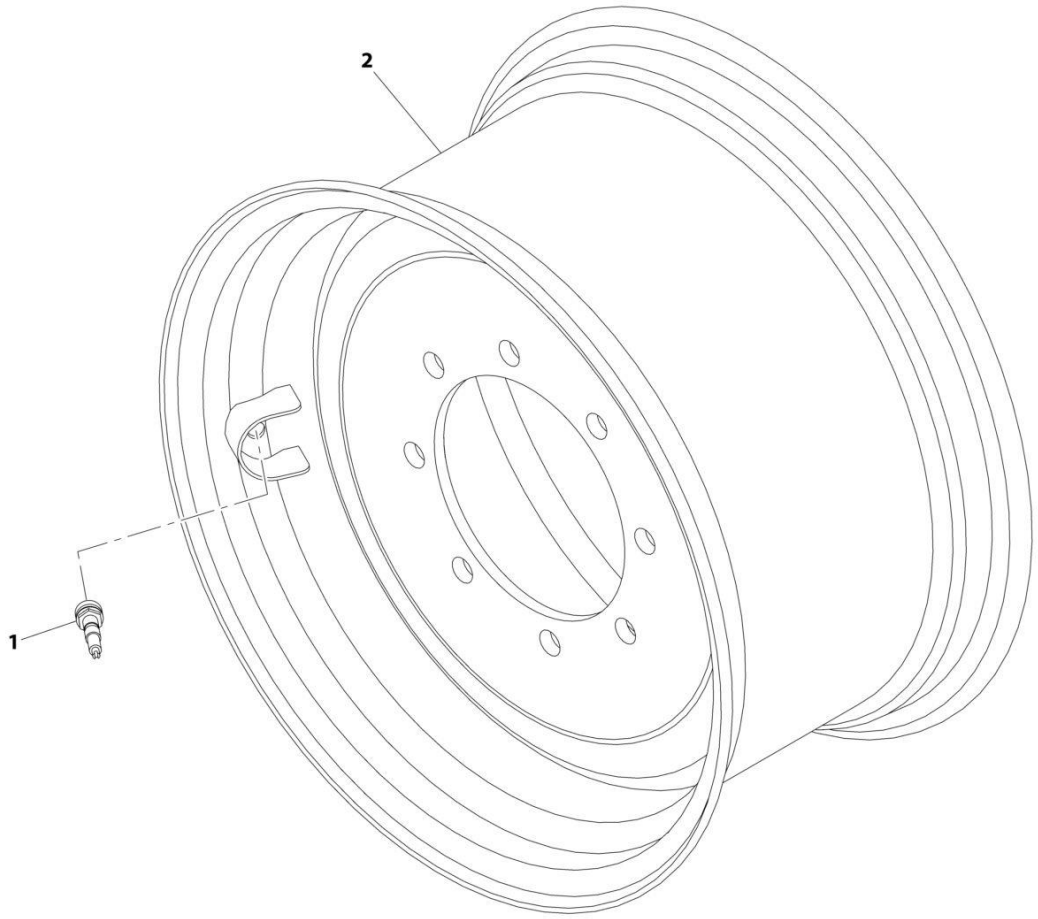


ART_1001197602J-C

FIGURE 5-68. LEFT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197602J	Ref	Left Tire/Wheel Assembly (24IN Wheel - 400/70 - XMCL - Air)	C
2	1001219956	1	Wheel, LH Rim Assembly (See Separate Breakdown in this Section)	
3	1001197611	1	Tire, 400/70R24	

FIGURE 5-69. WHEEL, LH RIM ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)



ART_1001219956-A

FIGURE 5-69. WHEEL, LH RIM ASSEMBLY (24IN WHEEL - 400/70 - XMCL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219956	Ref	Wheel, LH Rim Assembly (24IN Wheel - 400/70 - XMCL - Air)	A
1	1001008719	1	Valve	
2	1001214388	1	Wheel, DW 13X24	

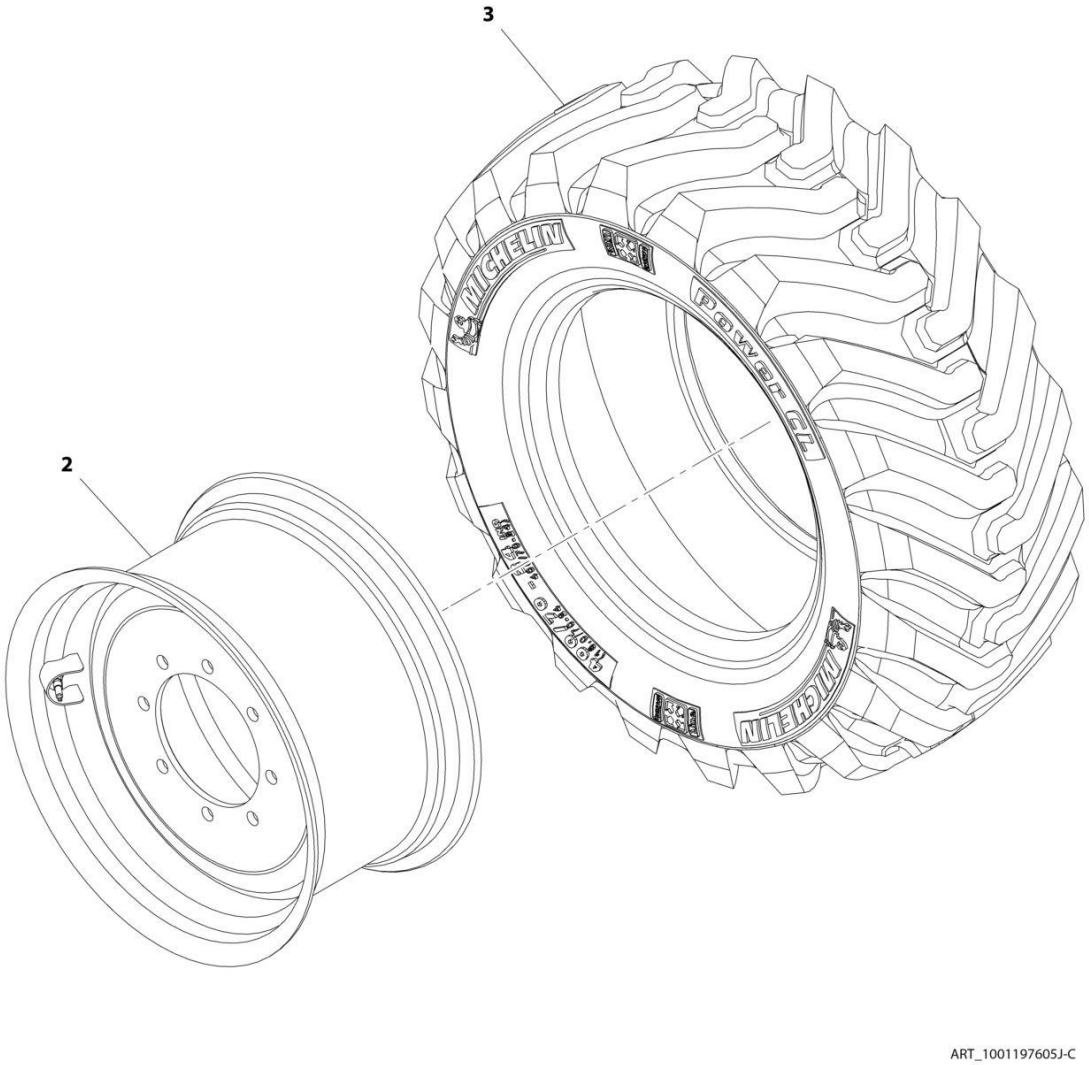
FIGURE 5-70. TIRE/WHEEL SET (24IN WHEEL - 400/70 - CL - AIR)



FIGURE 5-70. TIRE/WHEEL SET (24IN WHEEL - 400/70 - CL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204473	Ref	Tire/Wheel Set (24IN Wheel - 400/70 - CL - Air)	A
1	1706891	4	Label, 5.0 Bar	
2	1001197604J	2	Assembly, Left Tire/Wheel (24IN Wheel - 400/70 - CL - Air) (See Separate Breakdown in this Section)	
3	1001197605J	2	Assembly, Right Tire/Wheel (24IN Wheel - 400/70 - CL - Air) (See Separate Breakdown in this Section)	

FIGURE 5-71. RIGHT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - CL - AIR)



ART_1001197605J-C

FIGURE 5-71. RIGHT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - CL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197605J	Ref	Right Tire/Wheel Assembly (24IN Wheel - 400/70 - CL - Air)	C
2	1001219957	1	Wheel, RH Rim Assembly (See Separate Breakdown in this Section)	
3	1001197612	1	Tire, 400/70-24	

FIGURE 5-72. WHEEL RH RIM ASSEMBLY ASSEMBLY (24IN WHEEL-400/70-CL-AIR)

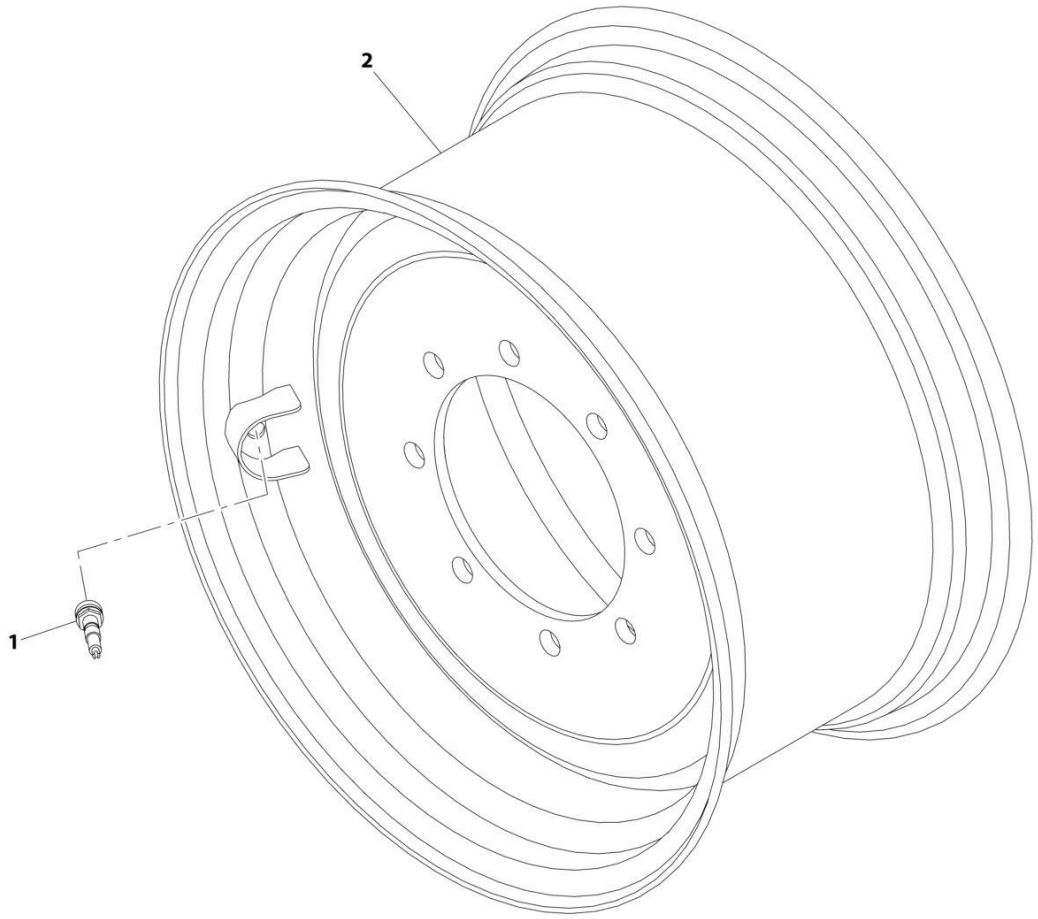
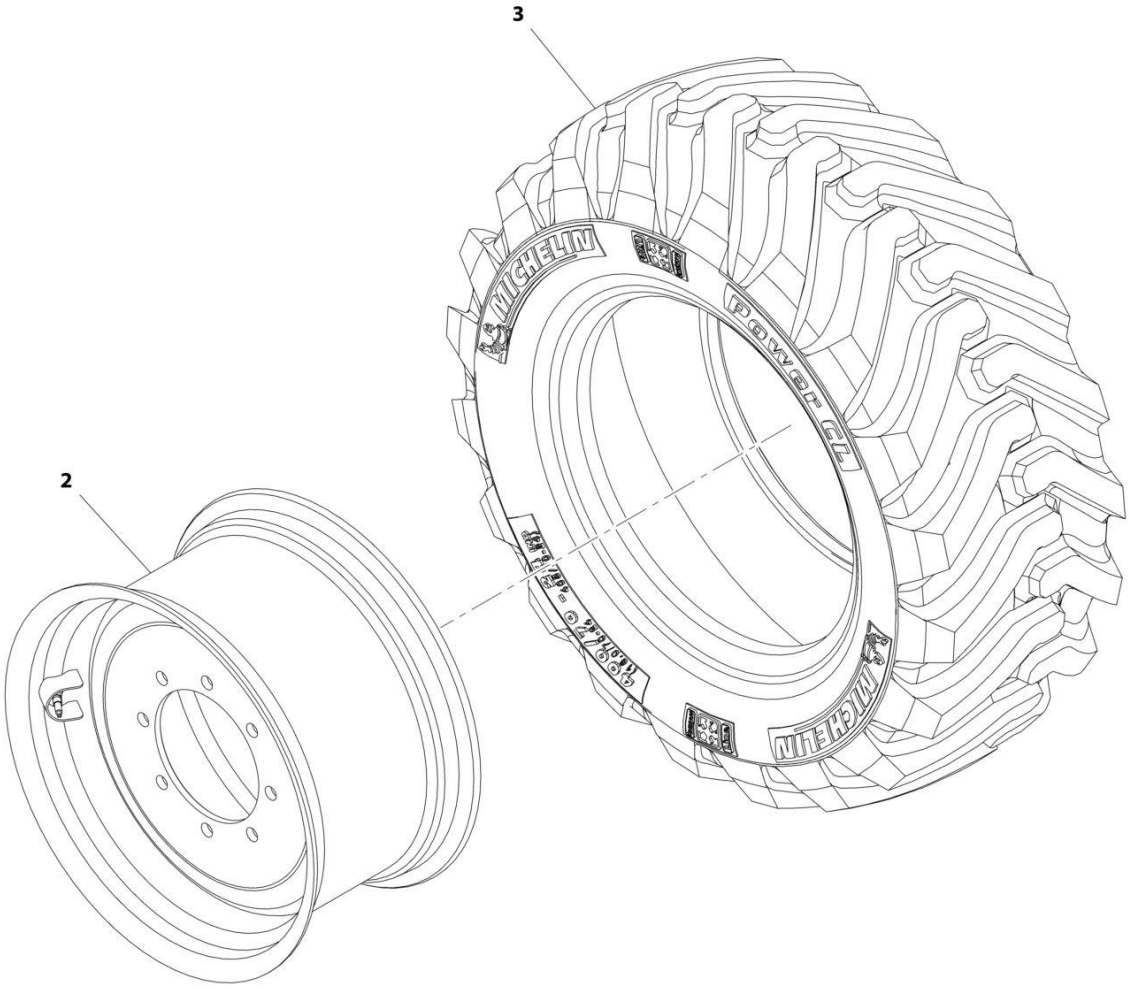


FIGURE 5-72. WHEEL RH RIM ASSEMBLY ASSEMBLY (24IN WHEEL-400/70-CL-AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219957	Ref	Wheel, RH Rim Assembly (24IN Wheel - 400/70 - CL - Air)	A
1	1001008719	1	Valve	
2	1001214388	1	Wheel, DW 13X24	

FIGURE 5-73. LEFT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - CL - AIR)

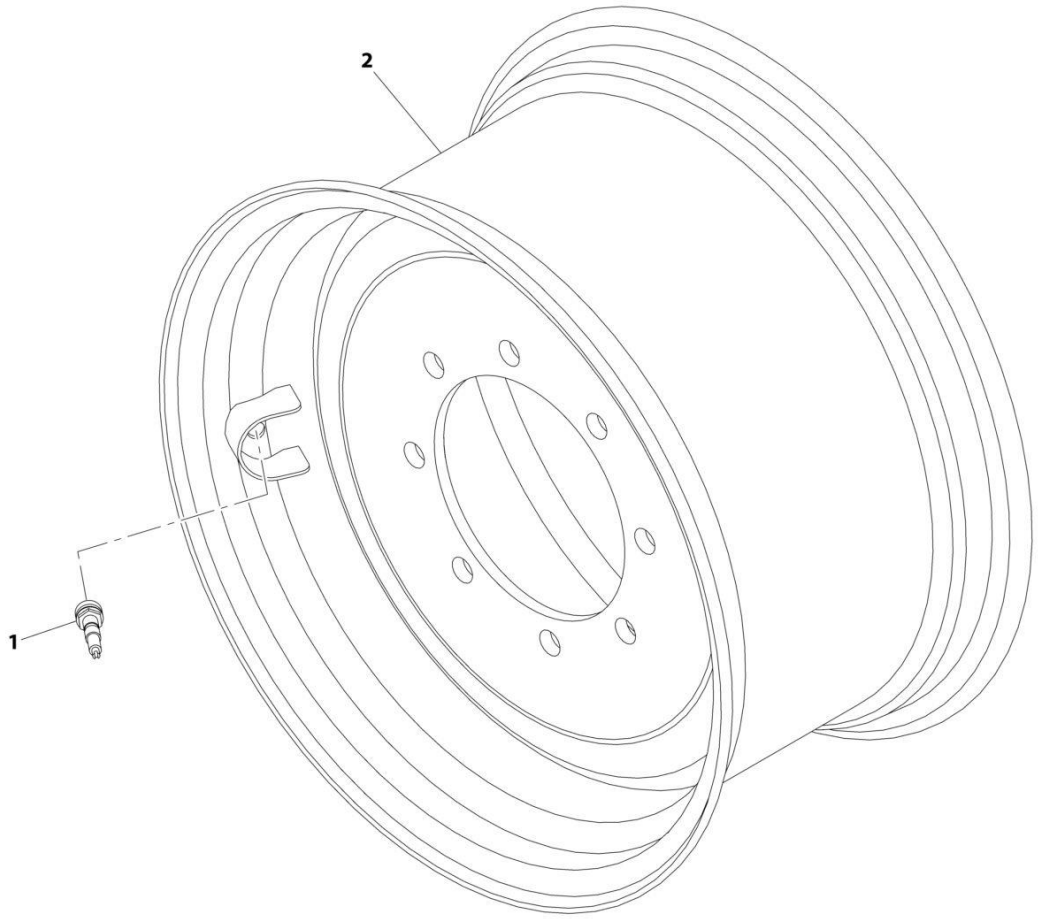


ART_1001197604J-C

FIGURE 5-73. LEFT TIRE/WHEEL ASSEMBLY (24IN WHEEL - 400/70 - CL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197604J	Ref	Left Tire/Wheel Assembly (24IN Wheel - 400/70 - CL - Air)	C
2	1001219958	1	Wheel, LH Rim Assembly (See Separate Breakdown in this Section)	
3	1001197612	1	Tire, 400/70-24	

FIGURE 5-74. WHEEL LH RIM ASSEMBLY (24IN WHEEL - 400/70 - CL - AIR)



ART_1001219958-A

FIGURE 5-74. WHEEL LH RIM ASSEMBLY (24IN WHEEL - 400/70 - CL - AIR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219958	Ref	Wheel, LH Rim Assembly (24IN Wheel - 400/70 - CL - Air)	A
1	1001008719	1	Valve	
2	1001214388	1	Wheel, DW 13X24	

FIGURE 5-75. FENDER INSTALLATION (20IN WHEEL)

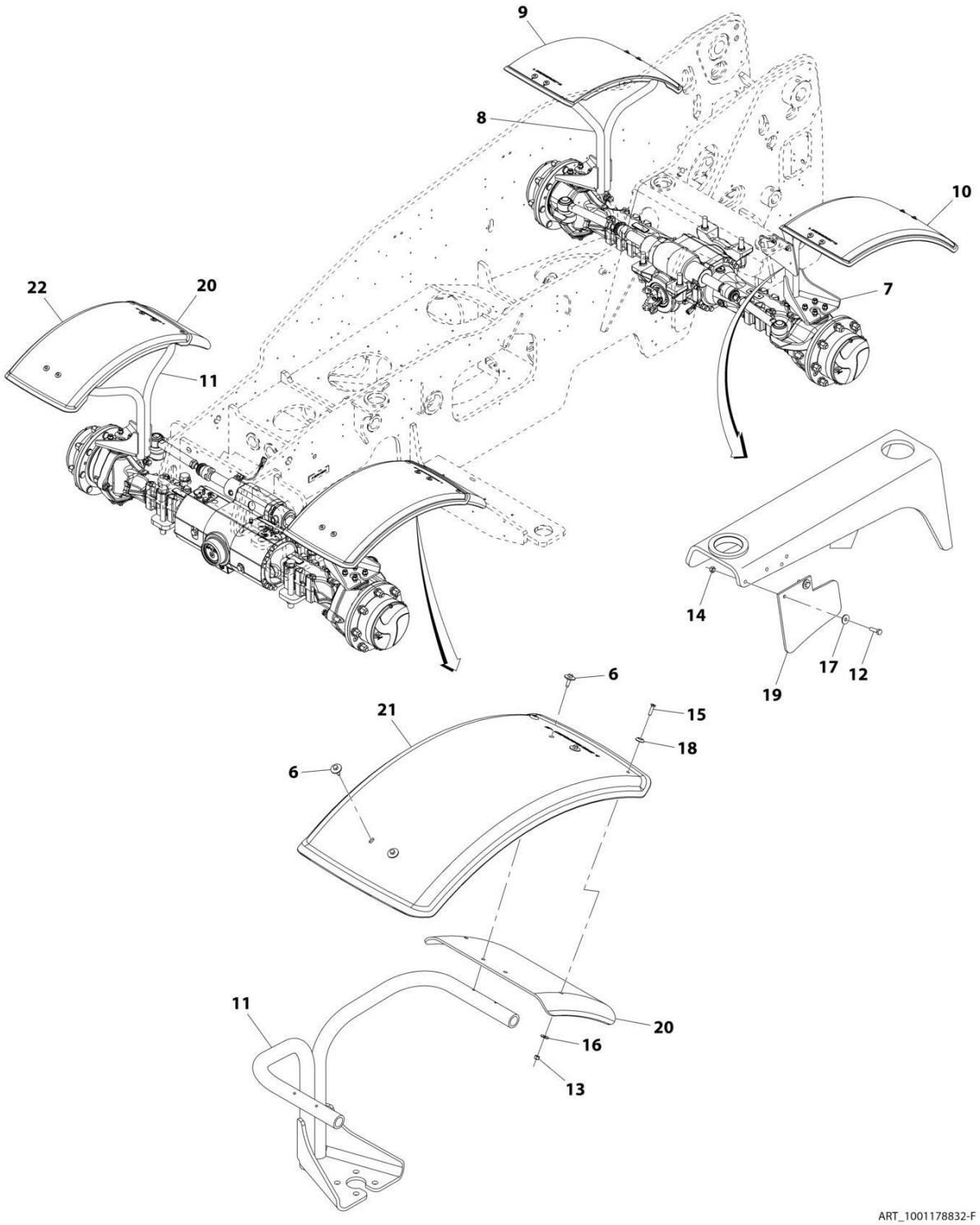


FIGURE 5-75. FENDER INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178832	Ref	Fender Installation (20IN Wheel)	F
6	1001170697	16	Screw, Self Tapping	
7	1001178836	1	Bracket, Fender Rear Left	
8	1001178837	1	Bracket, Fender Rear Right	
9	1001187541	2	Fender	
10	1001187543	2	Fender	
11	1001194033	2	Bracket, Fender	
12	0760814	2	Bolt, M8X30	
13	3290605	4	Nut, Lock M6X1 Grade 8	
14	3290805	2	Nut, Lock M8X1.25 Grade 8	
15	3900379	4	Screw, M6X24	
16	4811702	4	Washer, M6	
17	4811902	2	Washer, M8	
18	1001097540	4	Washer, M6	
19	1001227470	1	Rear Flap, Fender	
20	1001226001	2	Extension, Fender	
21	1001230128	1	Wheel, Fender	
22	1001230129	1	Wheel, Fender	

FIGURE 5-76. FENDER INSTALLATION (24IN WHEEL)

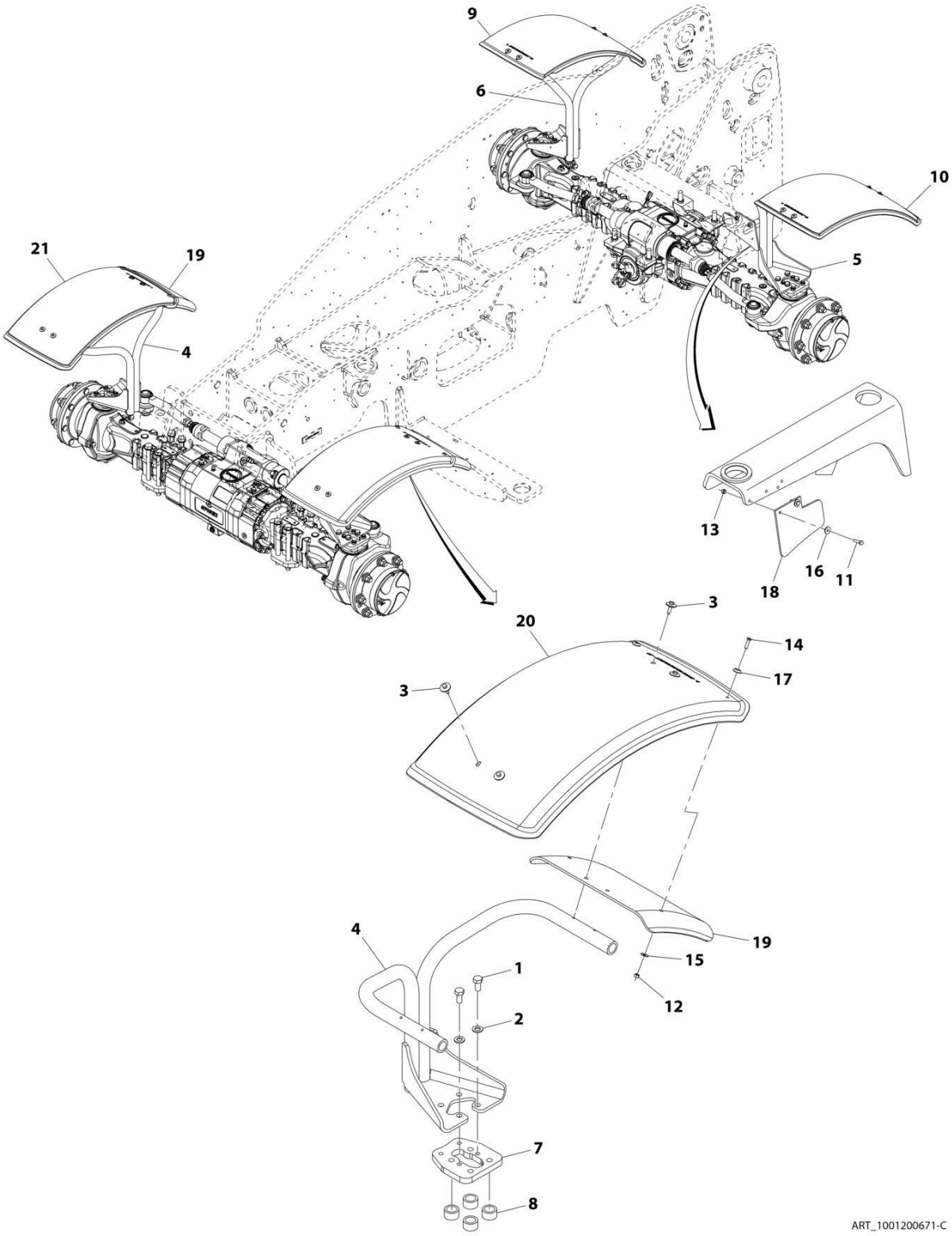


FIGURE 5-76. FENDER INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200671	Ref	Fender Installation (24IN Wheel)	C
1	0761212	16	Bolt, M12X25	
2	4812100	16	Washer, M12	
3	1001170697	16	Screw, Self Tapping	
4	1001200672	2	Bracket, Fender	
5	1001200673	1	Bracket, Fender	
6	1001200674	1	Bracket, Fender	
7	1001208224	4	Plate, Fender Adapter	
8	1001209530	16	Spacer	
9	1001210343	2	Fender, Wheel **(Prior to SN 1160008371)**	
9	1001187541	2	Fender, Wheel **(SN 1160008371 to Present)**	
10	1001210344	2	Fender, Wheel **(Prior to SN 1160008371)**	
10	1001187543	2	Fender, Wheel **(SN 1160008371 to Present)**	
11	0760814	2	Bolt, M8X30	
12	3290605	4	Nut, Lock M6X1 Grade 8	
13	3290805	2	Nut, Lock M8X1.25 Grade 8	
14	3900379	4	Screw, M6X24	
15	4811702	4	Washer, M6	
16	4811902	2	Washer, M8	
17	1001097540	4	Washer, M6	
18	1001227470	1	Rear Flap, Fender	
19	1001226001	2	Extension, Fender	
20	1001230128	1	Fender, Wheel	
21	1001230129	1	Fender, Wheel	

FIGURE 5-77. WHEEL CHOCK INSTALLATION

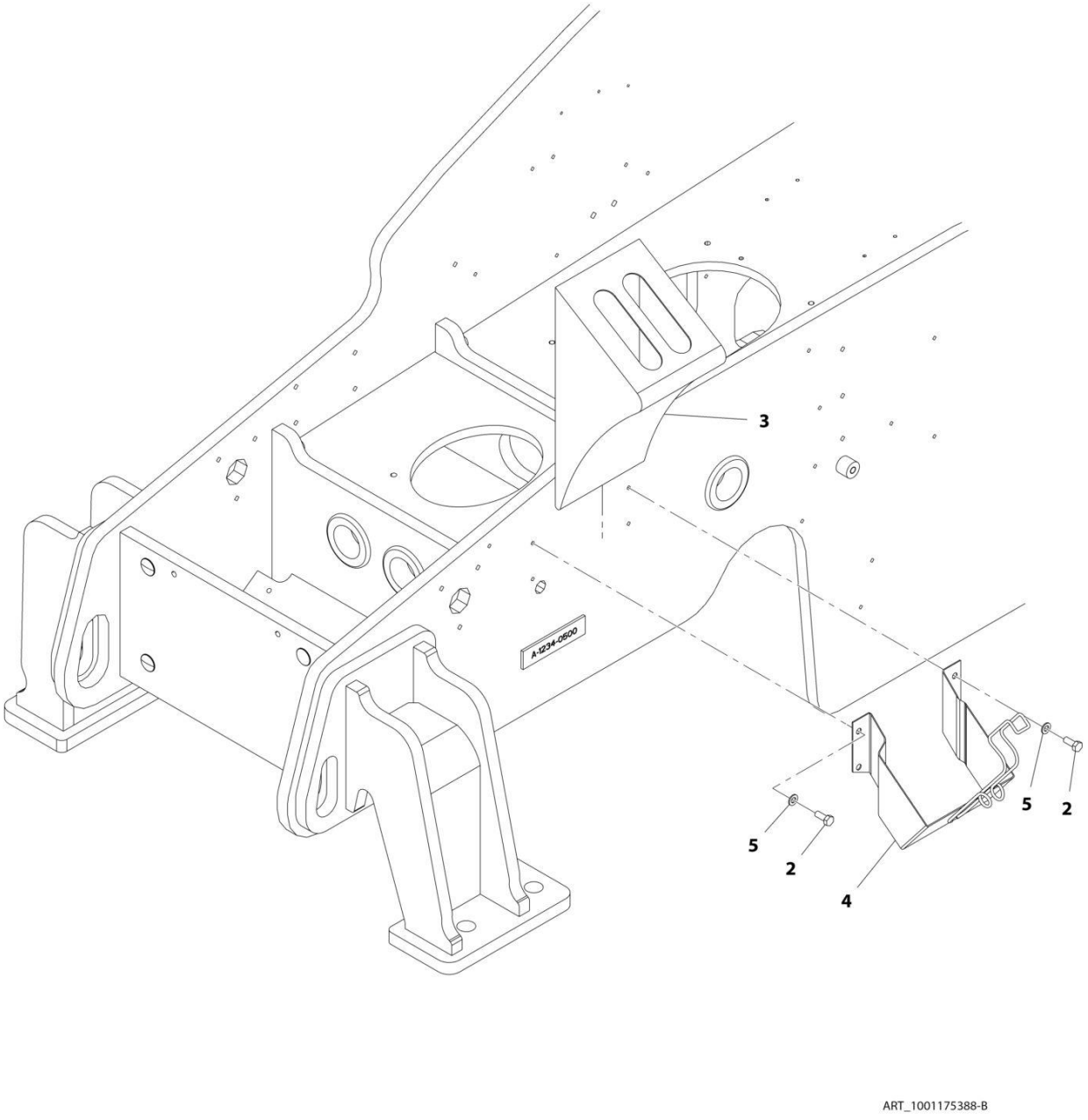


FIGURE 5-77. WHEEL CHOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175388	Ref	Wheel Chock Installation	B
2	0760810	4	Bolt, M8X20	
3	806253	1	Wedge	
4	806264	1	Holder, Wedge	
5	4811900	4	Washer, M8	

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNTS INSTALLATION

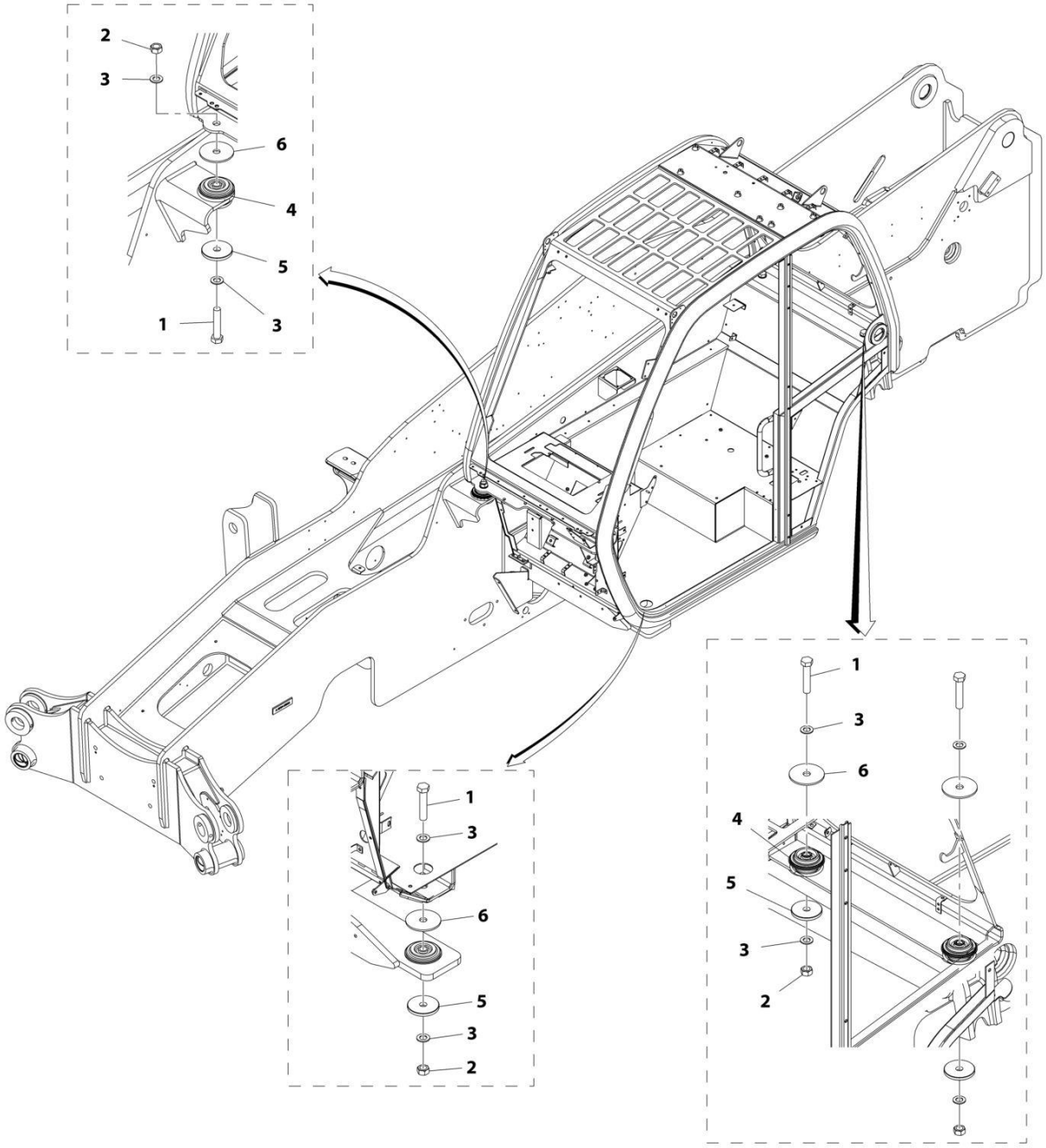


FIGURE 6-1. CAB MOUNTS INSTALLATION

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

FIGURE 6-2. ENCLOSED CAB INSTALLATION (20IN WHEEL - JLG)

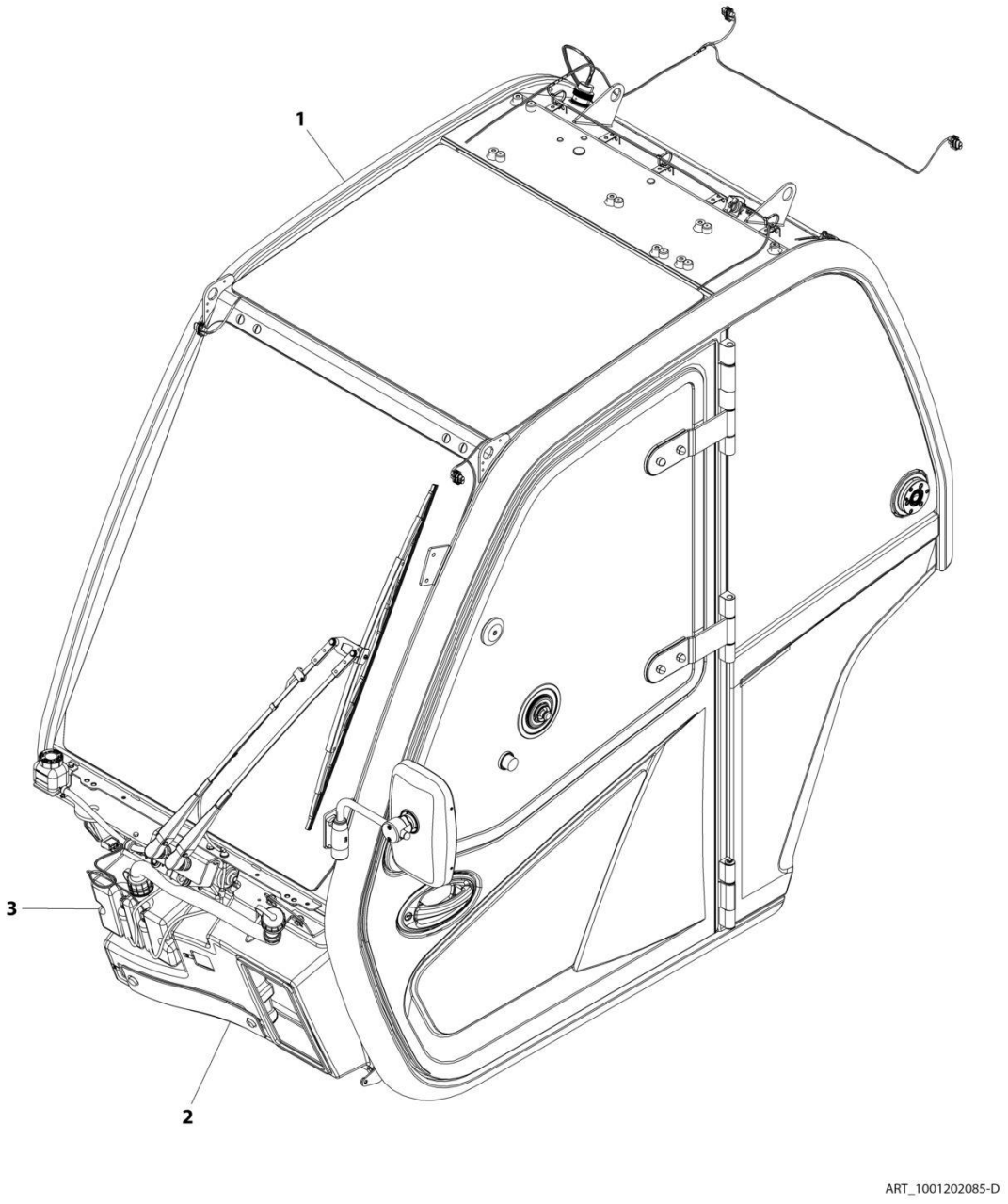


FIGURE 6-2. ENCLOSED CAB INSTALLATION (20IN WHEEL - JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202085	Ref	Enclosed Cab Installation (20IN Wheel - JLG)	D
1	1001196530	Ref	Assembly, Enclosed Cab (20IN Wheel - JLG) (See Separate Breakdown in this Section)	
2	1001170366	Ref	Installation, Front Cover (See Separate Breakdown in this Section)	
3	1001201027	Ref	Installation, Washer Tank (See Separate Breakdown in this Section)	

FIGURE 6-3. ENCLOSED CAB INSTALLATION (24IN WHEEL - JLG)

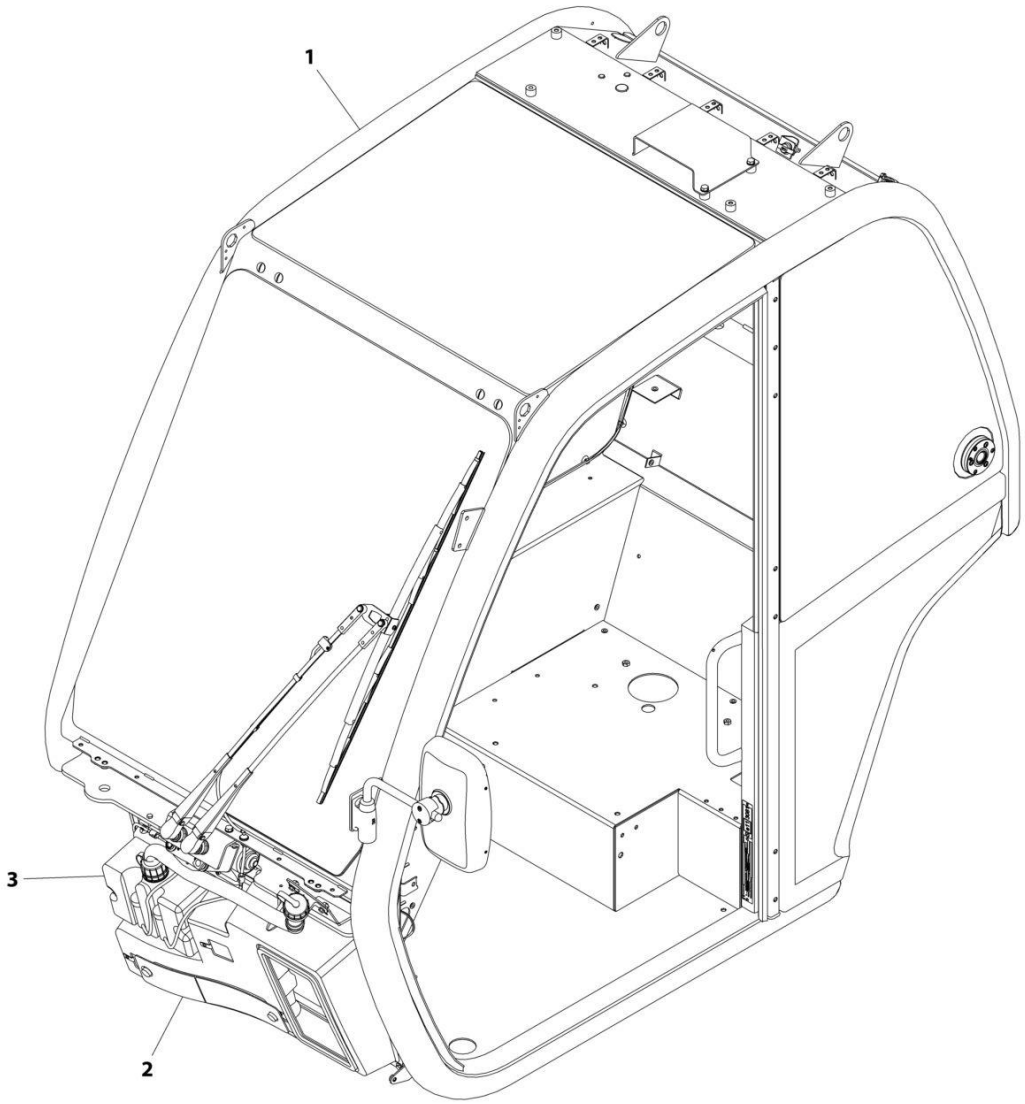


FIGURE 6-3. ENCLOSED CAB INSTALLATION (24IN WHEEL - JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210897	Ref	Enclosed Cab Installation (24IN Wheel - JLG)	C
1	1001210894	Ref	Assembly, Enclosed Cab (24IN Wheel - JLG) (See Separate Breakdown in this Section)	
2	1001170366	Ref	Installation, Front Cover (See Separate Breakdown)	
3	1001201027	Ref	Installation, Washer Tank (See Separate Breakdown)	

FIGURE 6-4. ENCLOSED CAB ASSEMBLY (20IN WHEEL - JLG)

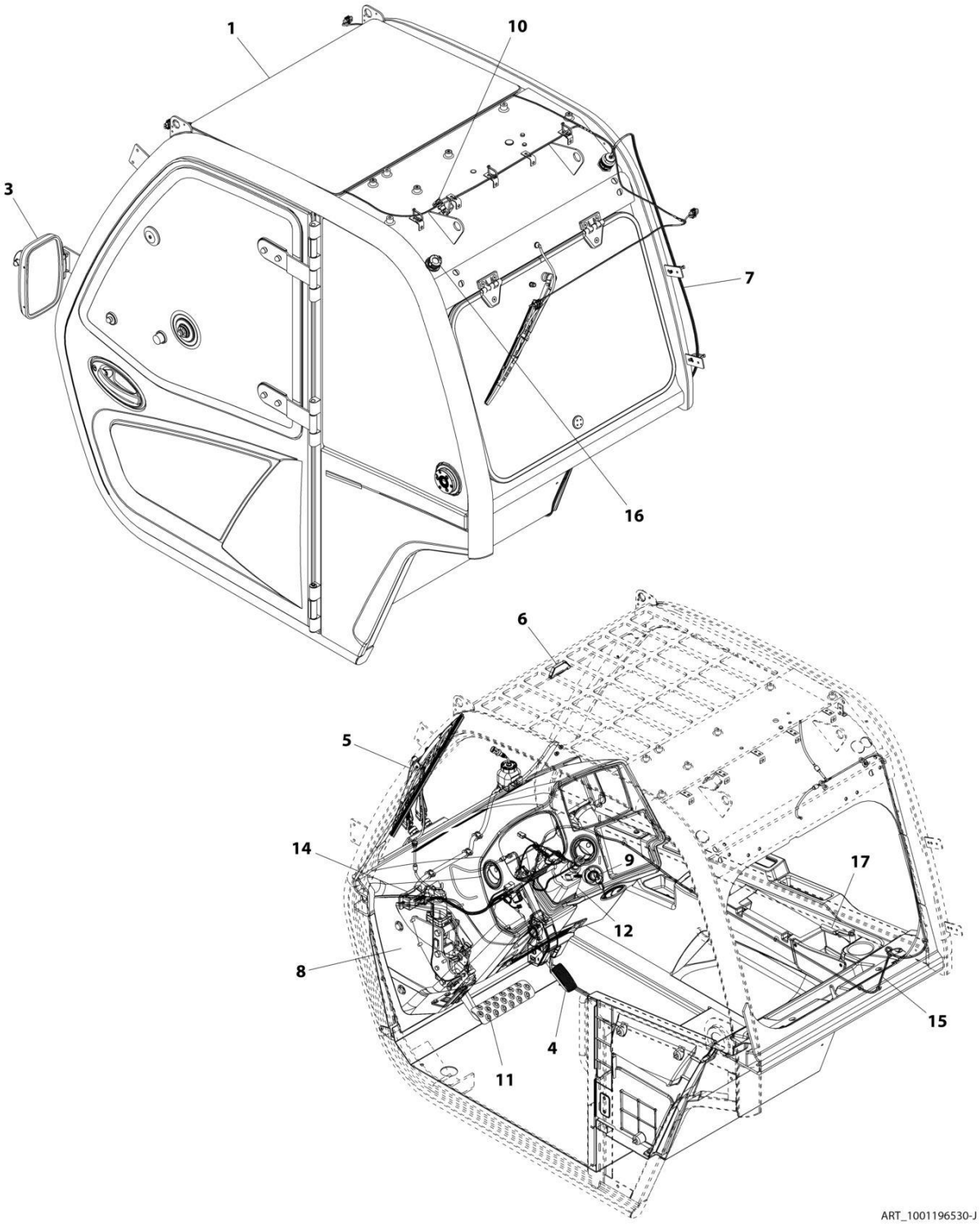


FIGURE 6-4. ENCLOSED CAB ASSEMBLY (20IN WHEEL - JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196530	Ref	Enclosed Cab Assembly (20IN Wheel - JLG)	J
1	1001168152	Ref	Group, Enclosed Cab (AG - JLG) (See Separate Breakdown in this Section)	
2	1001166192	Ref	Installation, Interior Mirror (See Separate Breakdown in this Section) (not shown) **(Prior to SN 1160008371)**	
3	1001204869	Ref	Installation, Rear View Mirror (See Separate Breakdown in this Section)	
4	1001161499	Ref	Installation, Accelerator Pedal (See Separate Breakdown in Controls Section)	
5	1001155447	Ref	Installation, Front Wiper (See Separate Breakdown in this Section)	
6	1001172401	Ref	Installation, Level Indicator (See Separate Breakdown in this Section)	
7	1001184069	Ref	Installation, Cab Electrical (See Separate Breakdown in Electrical Section)	
8	1001167981	Ref	Installation, Enclosed Cab Trim (AG) (See Separate Breakdown in this Section)	
9	1001208518	Ref	Installation, Ignition Switch (AG - JLG) (See Separate Breakdown in Electrical Section)	
10	1001200689	Ref	Installation, Beacon Bracket (See Separate Breakdown in Electrical Section) **(Prior to SN 1160008371)**	
10	1001218856	Ref	Installation, Beacon Bracket (See Separate Breakdown in Electrical Section) **(SN 1160008371 to Present)**	
11	1001188261	Ref	Installation, Brake (See Separate Breakdown in Controls Section)	
12	1001162709	Ref	Installation, Steering Column (20IN Wheel) (See Separate Breakdown in Controls Section)	
14	1001201340	Ref	Installation, Cab Heater Harness (See Separate Breakdown in Electrical Section)	
15	1001201520	Ref	Installation, Washer Hoses (AG) (See Separate Breakdown in this Section)	
16	1001201161	Ref	Installation, Telematics Cap (See Separate Breakdown in Electrical Section)	
17	1001210628	Ref	Installation, Hammer (See Separate Breakdown in this Section)	

FIGURE 6-5. ENCLOSED CAB ASSEMBLY (24IN WHEEL - JLG)

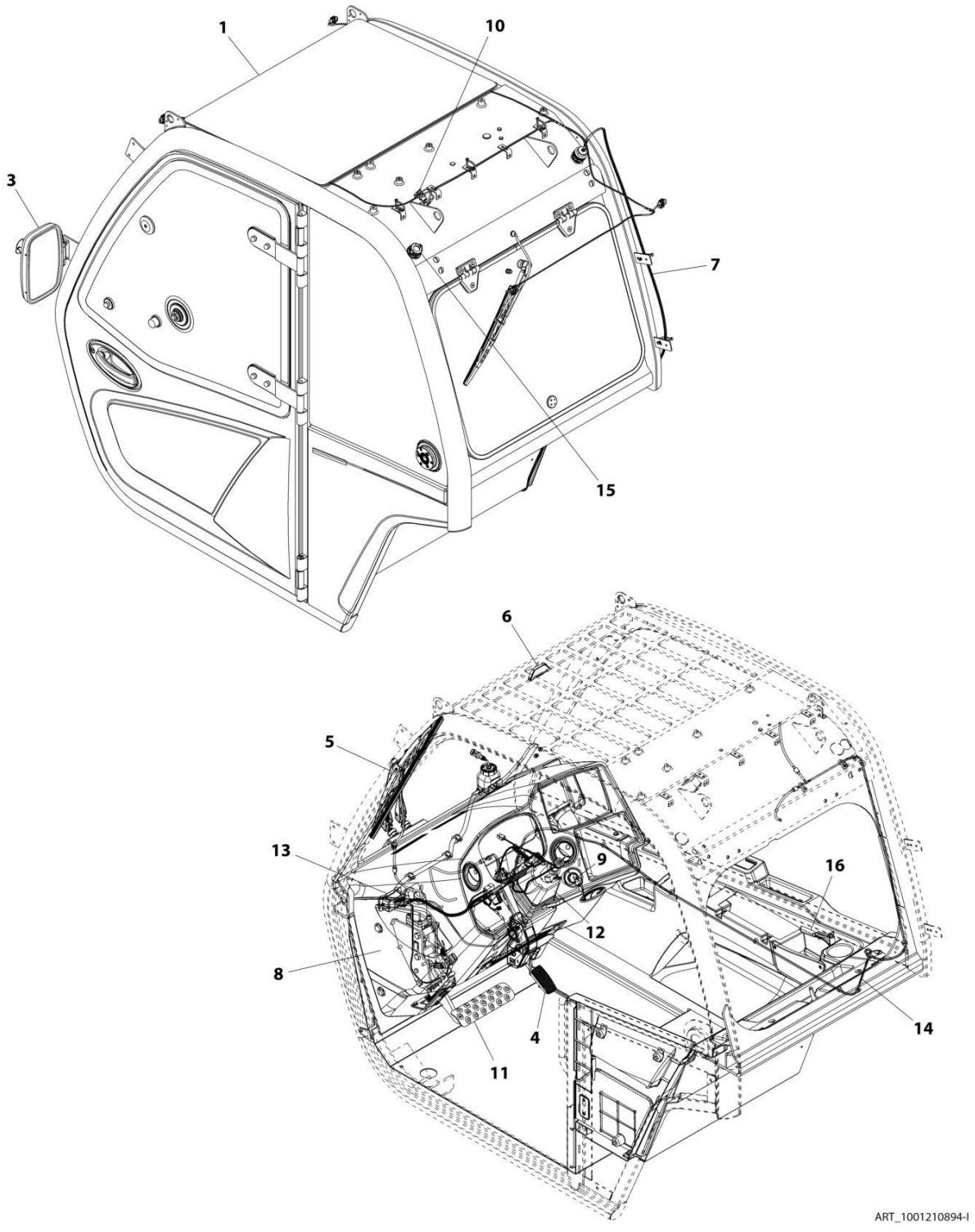


FIGURE 6-5. ENCLOSED CAB ASSEMBLY (24IN WHEEL - JLG)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210894	Ref	Enclosed Cab Assembly (24IN Wheel - JLG)	I
1	1001168152	Ref	Group, Enclosed Cab (AG - JLG) (See Separate Breakdown in this Section)	
2	1001166192	Ref	Installation, Interior Mirror (See Separate Breakdown in this Section) (not shown) **(Prior to SN 1160008371)**	
3	1001204869	Ref	Installation, Rear View Mirror (See Separate Breakdown in this Section)	
4	1001161499	Ref	Installation, Accelerator Pedal (See Separate Breakdown in Controls Section)	
5	1001155447	Ref	Installation, Front Wiper (See Separate Breakdown in this Section)	
6	1001172401	Ref	Installation, Level Indicator (See Separate Breakdown in this Section)	
7	1001184069	Ref	Installation, Cab Electrical (See Separate Breakdown in Electrical Section)	
8	1001167981	Ref	Installation, Enclosed Cab Trim (AG) (See Separate Breakdown in this Section)	
9	1001208518	Ref	Installation, Ignition Switch (AG - JLG) (See Separate Breakdown in Electrical Section)	
10	1001200689	Ref	Installation, Beacon Bracket (See Separate Breakdown in Electrical Section) **(Prior to SN 1160008371)**	
10	1001218856	Ref	Installation, Beacon Bracket (See Separate Breakdown in Electrical Section) **(SN 1160008371 to Present)**	
11	1001209135	Ref	Installation, Brake (24IN Wheel) (See Separate Breakdown in Controls Section)	
12	1001162704	Ref	Installation, Steering Column (24IN Wheel) (See Separate Breakdown in Controls Section)	
13	1001201340	Ref	Installation, Cab Heater Harness (See Separate Breakdown in Electrical Section)	
14	1001201520	Ref	Installation, Washer Hoses (AG) (See Separate Breakdown in this Section)	
15	1001201161	Ref	Installation, Telematics Cap (See Separate Breakdown in Electrical Section)	
16	1001210628	Ref	Installation, Hammer (AG) (See Separate Breakdown in this Section)	

FIGURE 6-6. ENCLOSED CAB GROUP

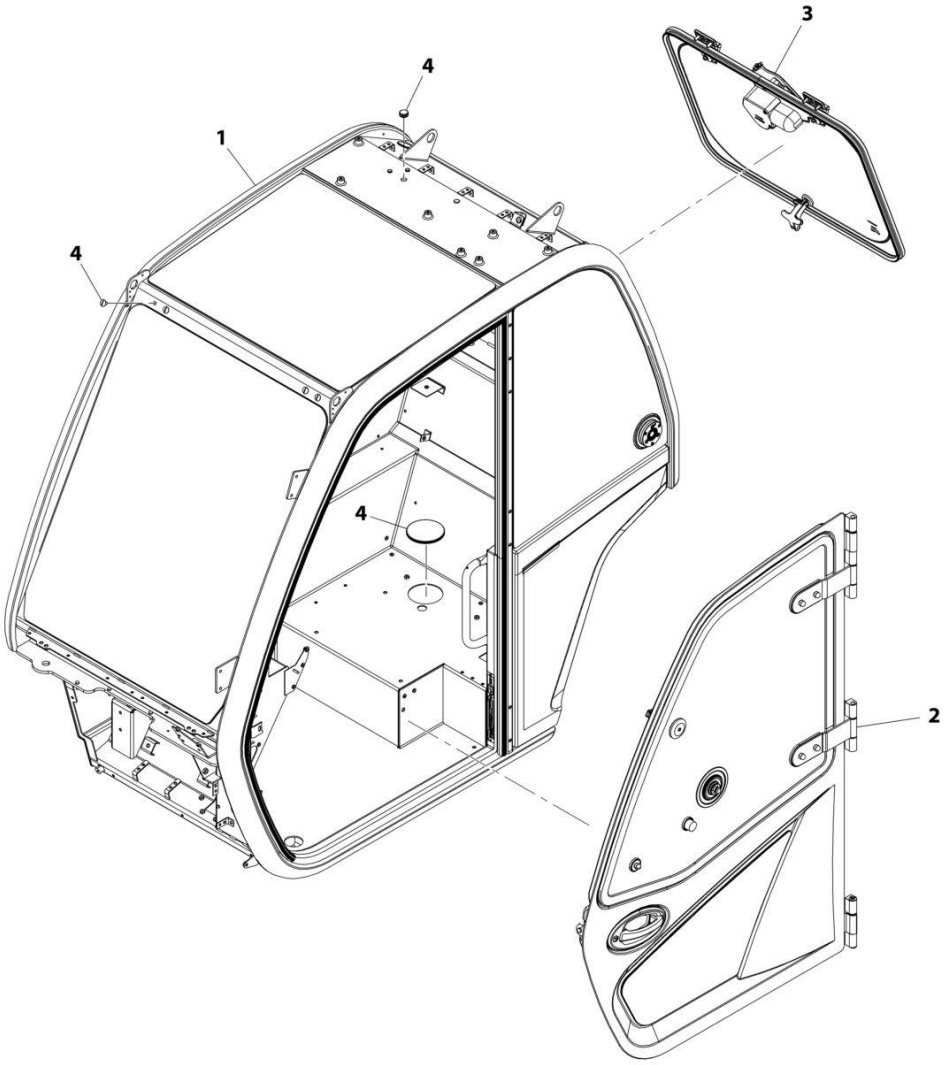


FIGURE 6-6. ENCLOSED CAB GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168152	Ref	Enclosed Cab Group	I
1	1001173641	Ref	Cab, Enclosed (JLG) (See Separate Breakdown in this Section)	
2	1001155228	Ref	Installation, Door (JLG) (See Separate Breakdown in this Section)	
3	1001178678	Ref	Installation, Rear Window (See Separate Breakdown in this Section)	
4	1001170603	Ref	Group, Enclosed Cab Plug (See Separate Breakdown in this Section)	

FIGURE 6-7. ENCLOSED CAB (Prior to SN 1160008371)

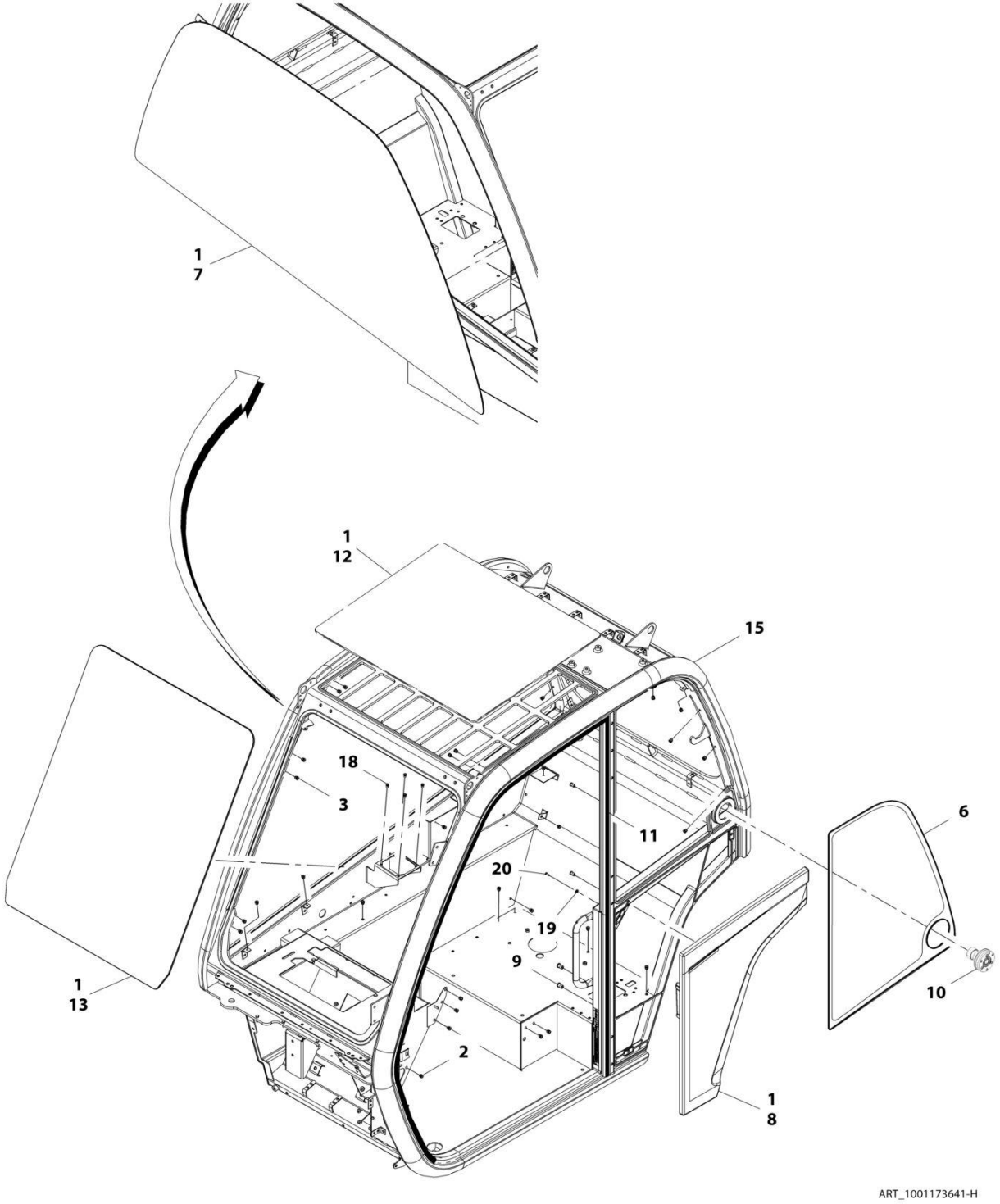


FIGURE 6-7. ENCLOSED CAB (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173641	Ref	Enclosed Cab	H
1	1001111317	AR	Compound, Locking	
2	2080086	27	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
6	1001152915	1	Glass, LH Screen	
7	1001152947	1	Glass, RH Screen	
8	1001229319	1	Panel, Cab Quarter	
9	1001172193	2	Rivnut, M5X0.8	
10	1001174320	1	Latch, Top Window	
11	1001227186	1	Seal, Cab Door	
12	1001178159	1	Glass, Roof Laminated	
13	1001178160	1	Glass, Front Laminated	
15	1001225176	1	Weldment, Cab	
18	1001195878	7	Rivnut, M5X0.8	
19	4811700	3	Washer, M6	
20	0750804	3	Screw	

FIGURE 6-8. ENCLOSED CAB (SN 1160008371 to Present)

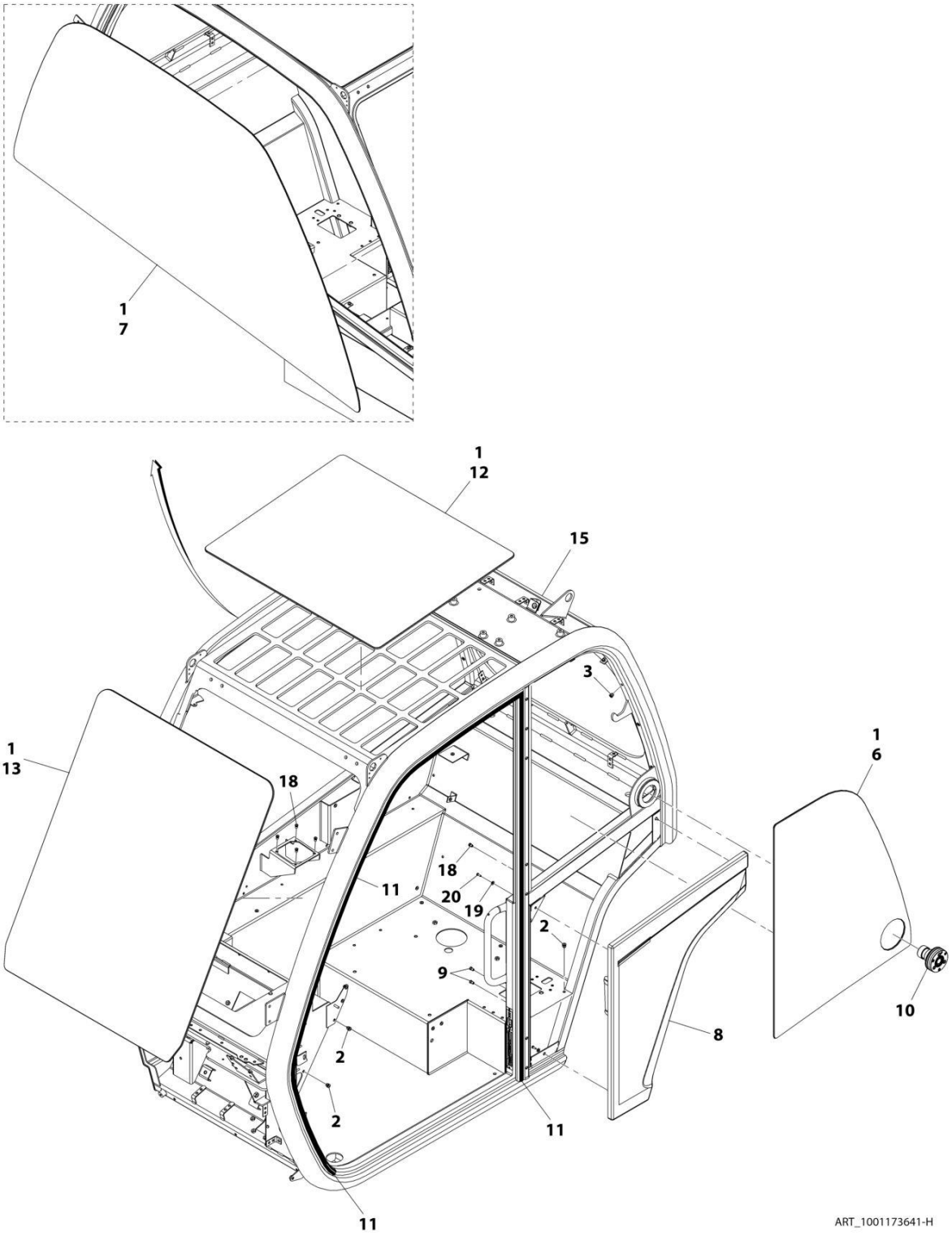


FIGURE 6-8. ENCLOSED CAB (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173641	Ref	Enclosed Cab	H
1	1001111317	AR	Compound, Locking	
2	2080086	27	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
6	1001152915	1	Glass, LH Screen	
7	1001152947	1	Glass, RH Screen	
8	1001229319	1	Panel, Cab Quarter	
9	1001172193	2	Rivnut, M5X0.8	
10	1001174320	1	Latch, Top Window	
11	1001227186	1	Seal, Cab Door	
12	1001178159	1	Glass, Roof Laminated	
13	1001178160	1	Glass, Front Laminated	
15	1001225176	1	Weldment, Cab	
18	1001195878	7	Rivnut, M5X0.8	
19	4811700	3	Washer, M6	
20	0750804	3	Screw	

FIGURE 6-9. ENCLOSED CAB (SN 1160008371 to Present)

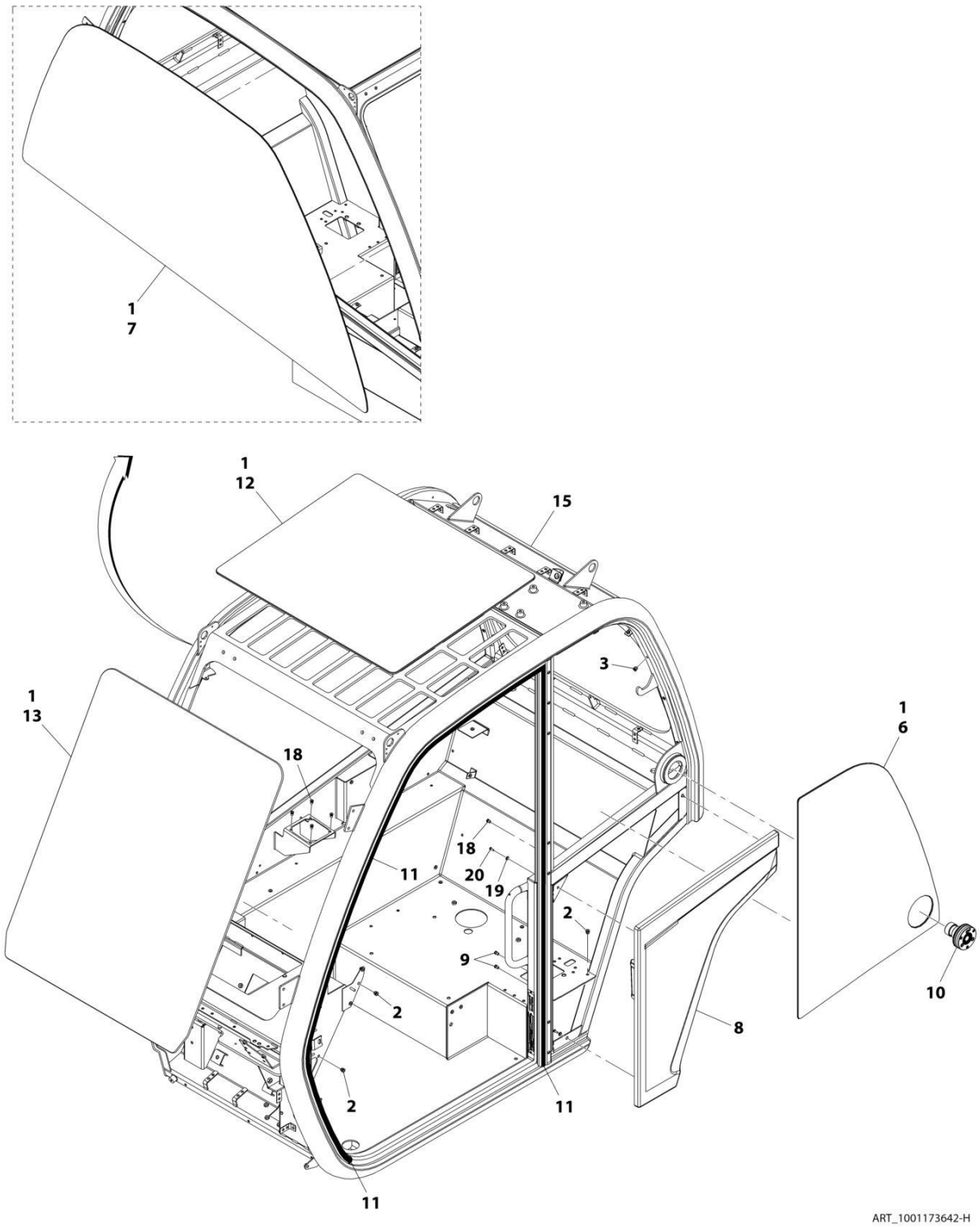


FIGURE 6-9. ENCLOSED CAB (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173642	Ref	Enclosed Cab (Deutz-Fahr)	H
1	1001111317	AR	Compound, Locking	
2	2080086	27	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
6	1001152915	1	Glass, LH Screen	
7	1001152947	1	Glass, RH Screen	
8	1001229318	1	Panel, Cab Quarter	
9	1001172193	2	Rivnut, M5X0.8	
10	1001174320	1	Latch, Top Window	
11	1001227186	1	Seal, Cab Door	
12	1001178159	1	Glass, Roof Laminated	
13	1001178160	1	Glass, Front Laminated	
15	1001225177	1	Weldment, Cab	
18	1001195878	7	Rivnut, M5X0.8	
19	4811700	3	Washer, M6	
20	0750804	3	Screw	

FIGURE 6-10. ENCLOSED CAB PLUG GROUP

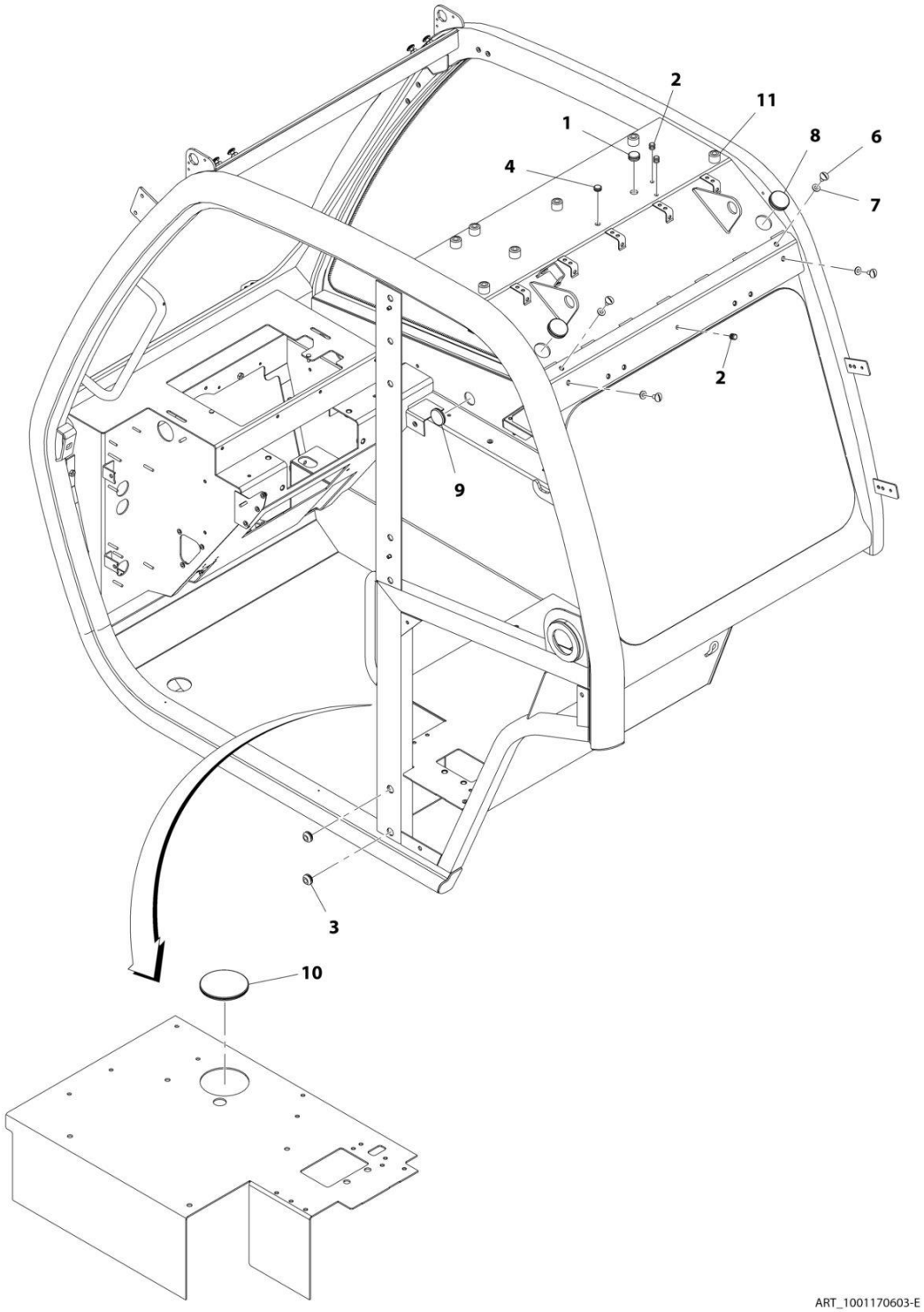


FIGURE 6-10. ENCLOSED CAB PLUG GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170603	Ref	Enclosed Cab Plug Group	E
1	1001176273	1	Plug	
2	1001176272	3	Plug	
3	1001143200	2	Plug	
4	1001176626	1	Plug	
6	1001181920	8	Screw, M8X16	
7	1001181921	8	Washer, Rubber M8	
8	1001182123	2	Plug	
9	1001182139	1	Plug	
10	1001209899	1	Plug	
11	1001219220	7	Cap, Vinyl Round	

FIGURE 6-11. REAR WINDOW INSTALLATION

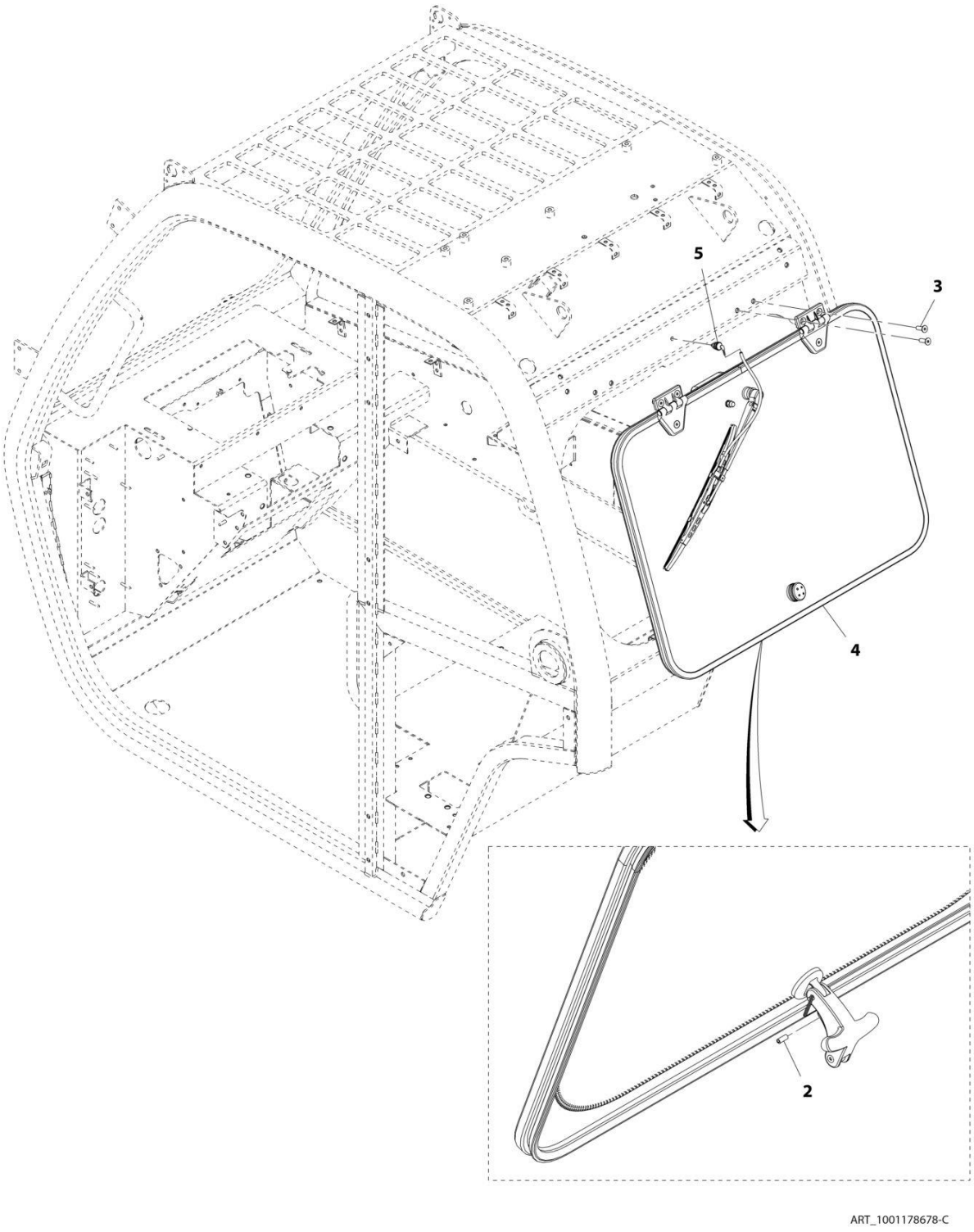


FIGURE 6-11. REAR WINDOW INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178678	Ref	Rear Window Installation	C
2	1001003043	1	Pin, Spring	
3	1001097586	4	Screw, M8X1.25	
4	1001178679	1	Assembly, Rear Window (See Separate Breakdown in this Section)	
5	1001090343	1	Connector	

FIGURE 6-12. REAR WINDOW ASSEMBLY

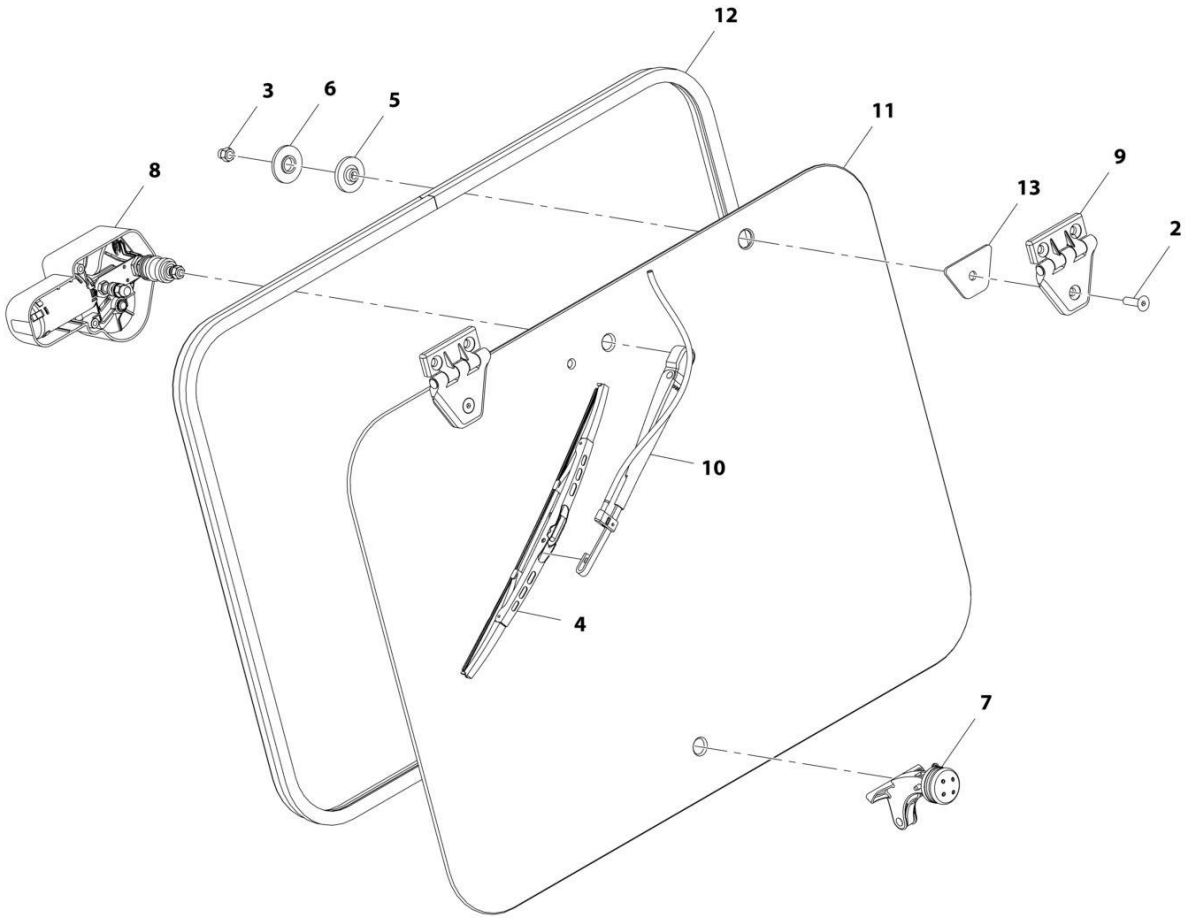


FIGURE 6-12. REAR WINDOW ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178679	Ref	Rear Window Assembly	C
2	2080078	2	Fastener, M8X30	
3	3290806	2	Nut, M8X1.25 Grade 8	
4	4807718	1	Blade, Wiper	
5	8000759	2	Spacer	
6	8004398	2	Spacer	
7	1001005368	1	Latch, Window	
8	1001139552	1	Motor, Rear Wiper	
9	1001139568	2	Hinge	
10	1001141312	1	Arm, Rear Window Wiper	
11	1001178680	1	Glass, Rear Window	
12	1001178681	1	Seal	
13	1001181411	2	Gasket, Rear Window Hinge	

FIGURE 6-13. DOOR INSTALLATION

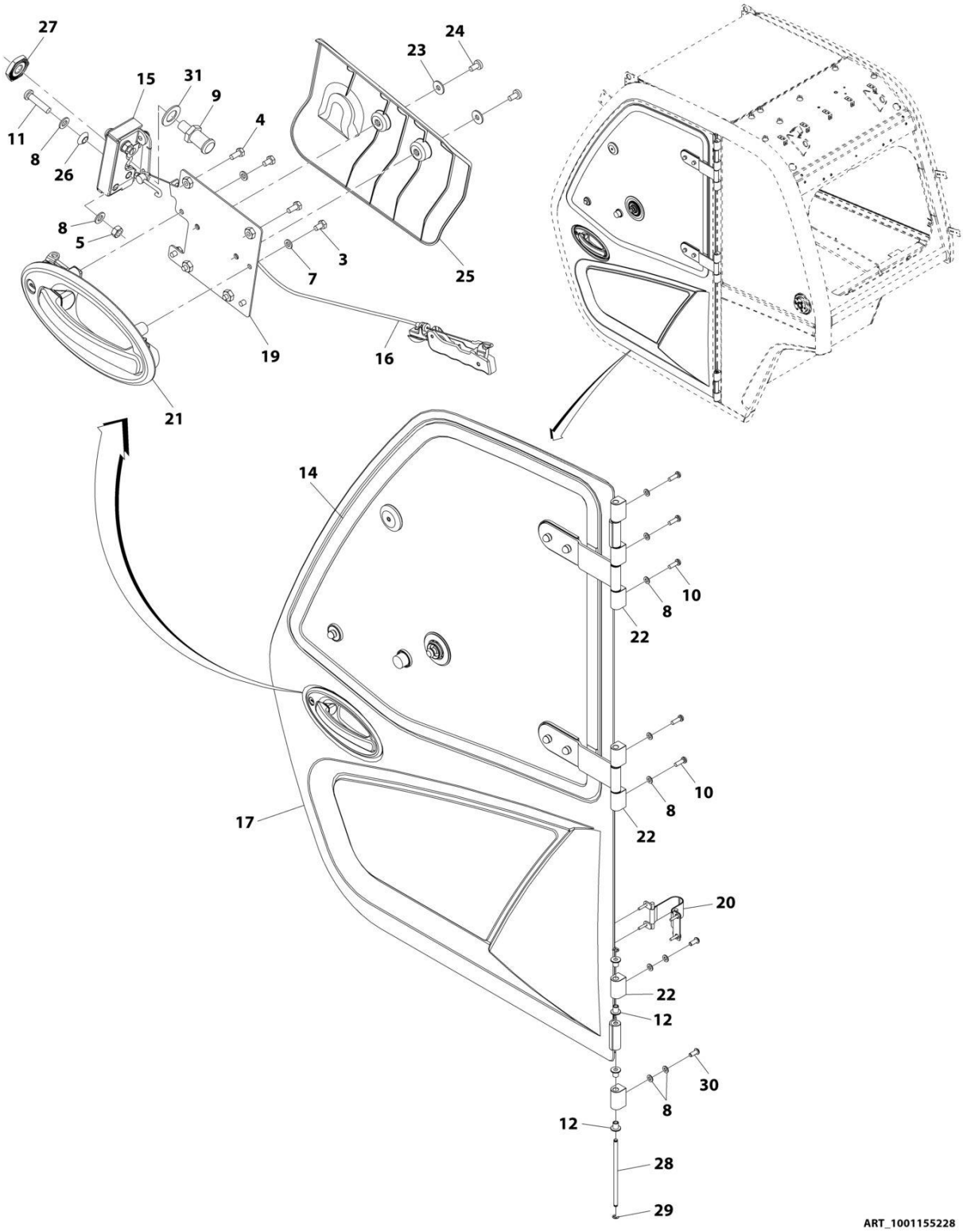


FIGURE 6-13. DOOR INSTALLATION

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

FIGURE 6-14. DOOR ASSEMBLY (AG)

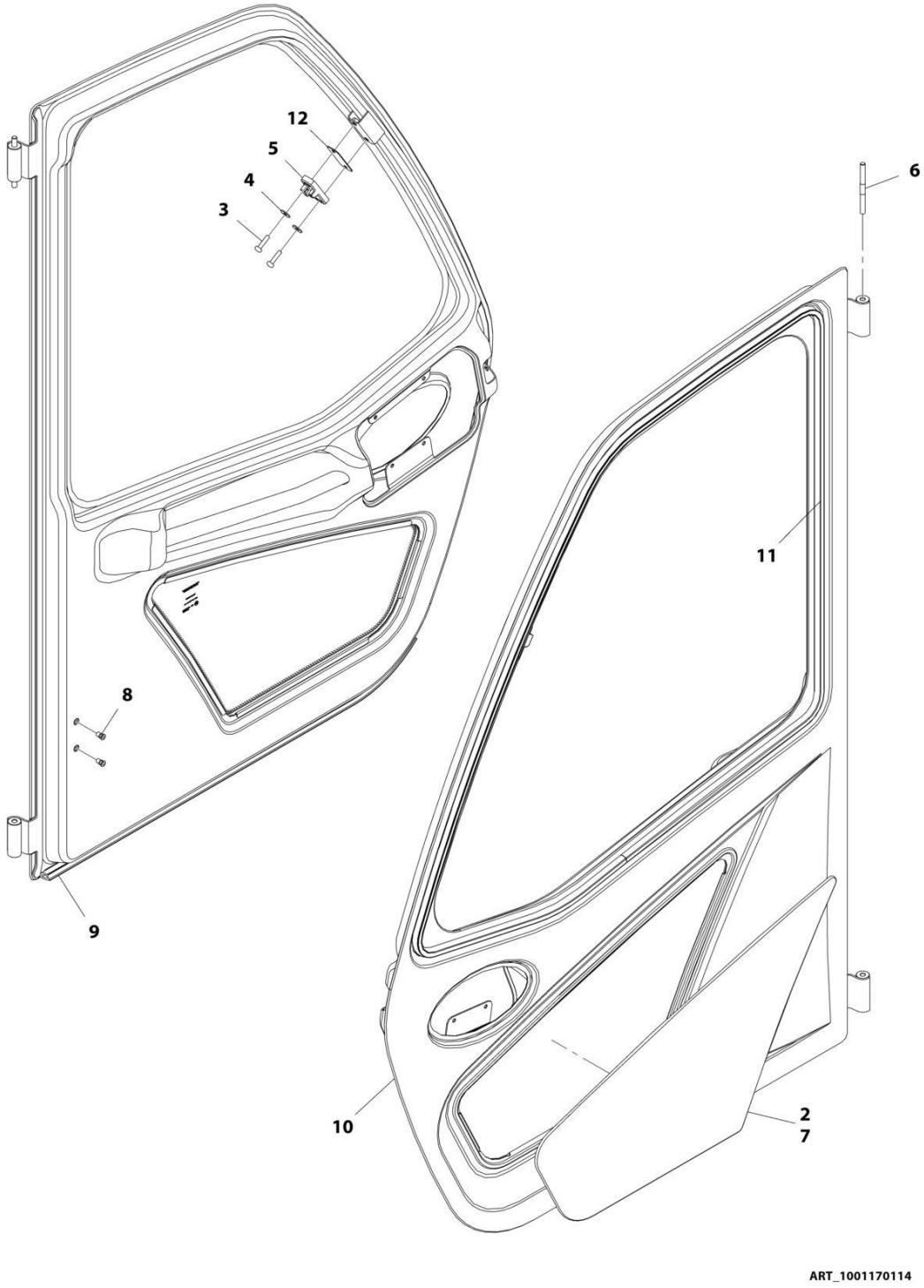


FIGURE 6-14. DOOR ASSEMBLY (AG)

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

FIGURE 6-15. DOOR ASSEMBLY (AG) (SN 1160008371 to Present)

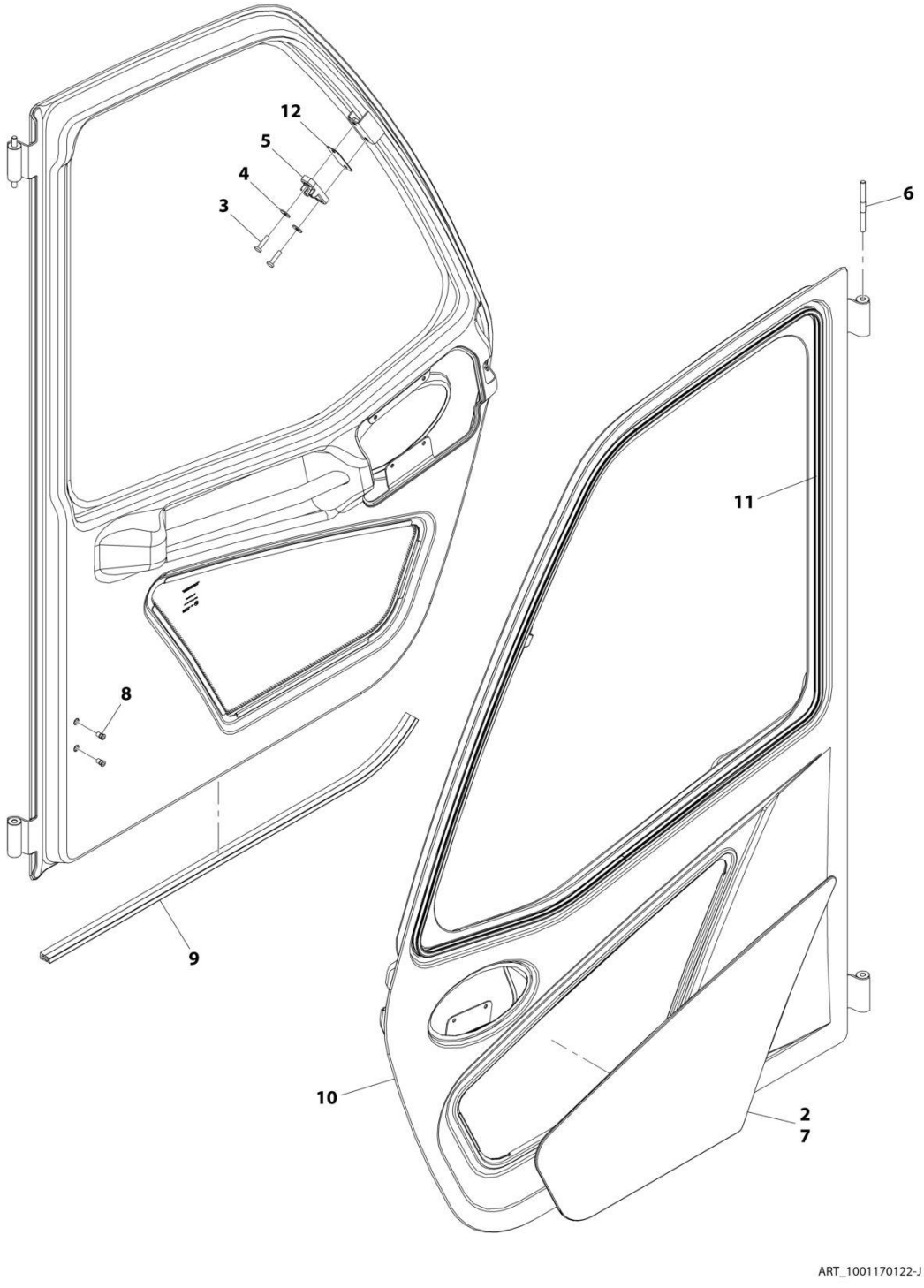


FIGURE 6-15. DOOR ASSEMBLY (AG) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170122	Ref	Door Assembly (Deutz-Fahr)	J
2	1001111317	AR	Compound, Locking	
3	4010612002	2	Bolt, M6X25	
4	4811702001	2	Washer, 6MM	
5	1001165276	1	Plate, Window Latch Striker	
6	1001166634	1	Pin, Hinge	
7	1001169880	1	Window, Lower Glass	
8	1001172193	2	Rivnut, M5X0.8	
9	1001227188	1	Seal, Cab Door	
10	1001170113C	1	Door, Cab (See Separate Breakdown in this Section)	
11	1001227187	1	Seal, Cab Door Window	
12	1001193210	AR	Shim, Window Latch	

FIGURE 6-16. CAB DOOR

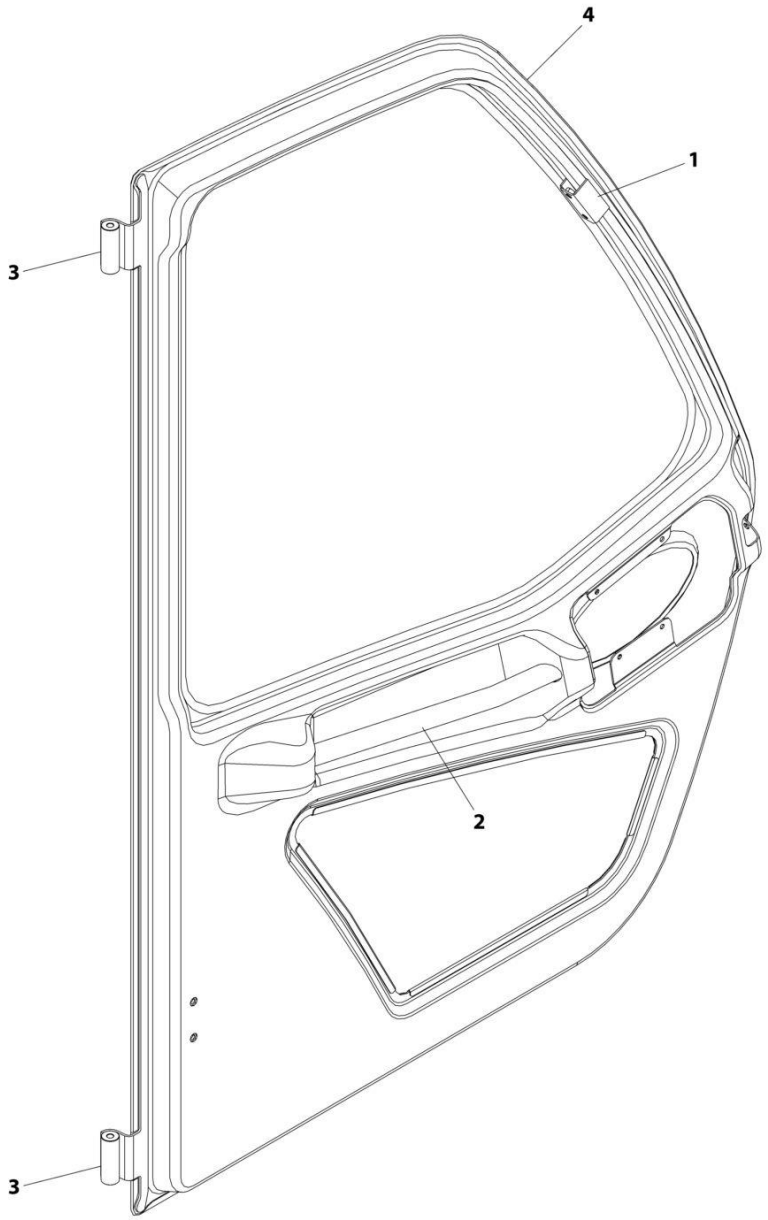


FIGURE 6-16. CAB DOOR

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

FIGURE 6-17. DOOR UPPER GLASS ASSEMBLY

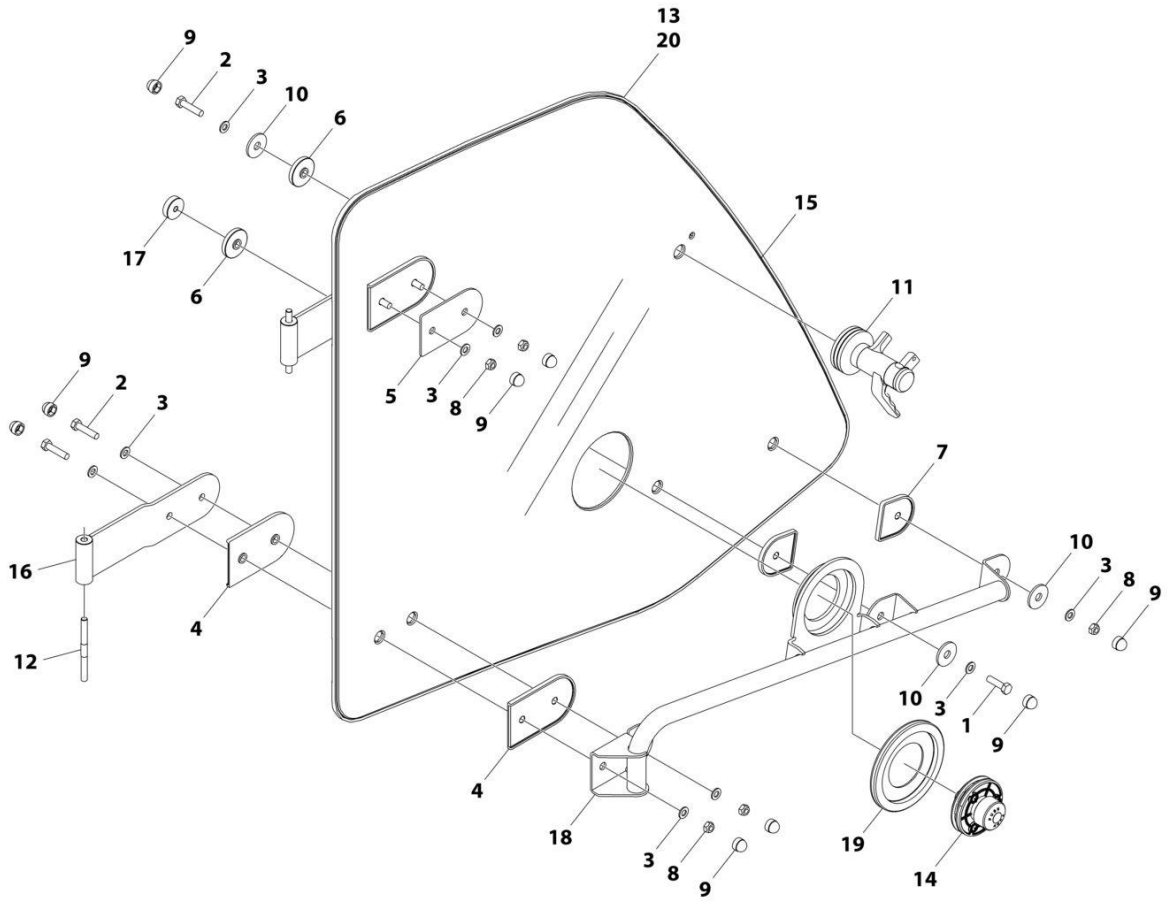
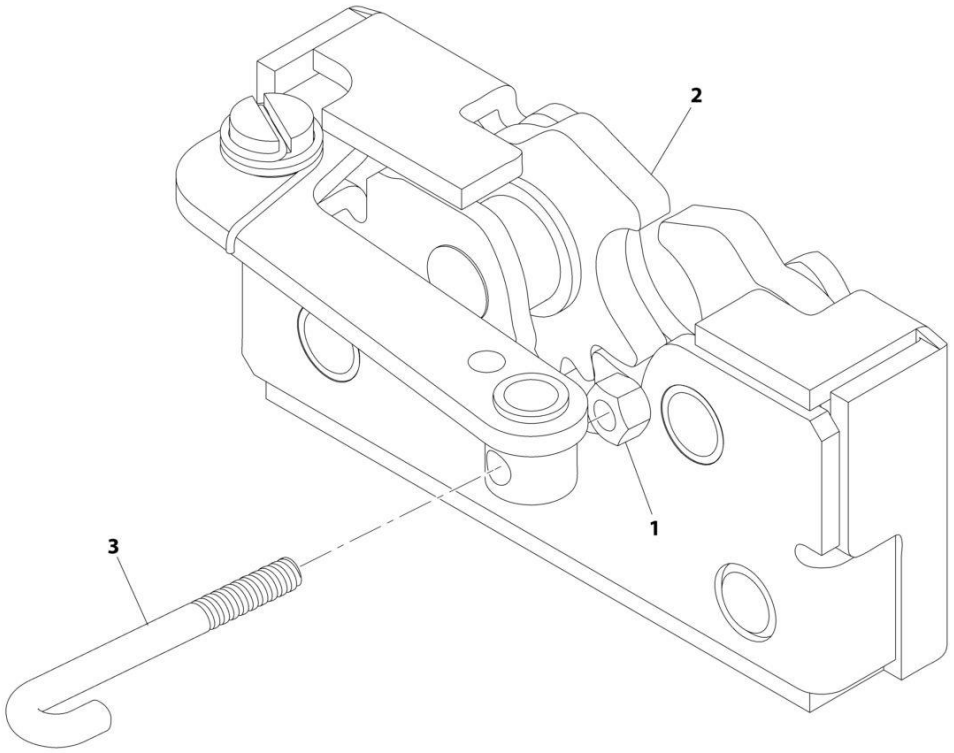


FIGURE 6-17. DOOR UPPER GLASS ASSEMBLY

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

FIGURE 6-18. CAB LATCH ASSEMBLY



ART_1001192766-B

FIGURE 6-18. CAB LATCH ASSEMBLY

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

FIGURE 6-19. CAB DOOR TRIGGER ASSEMBLY

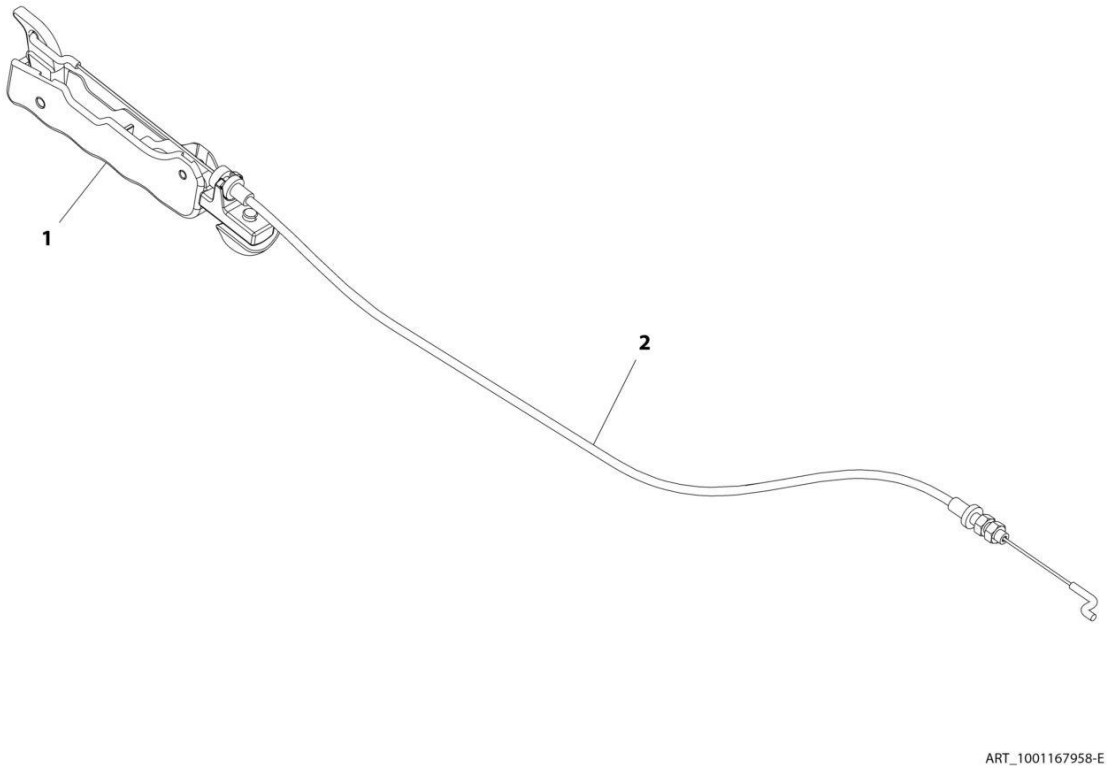


FIGURE 6-19. CAB DOOR TRIGGER ASSEMBLY

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

FIGURE 6-20. DOOR STRAP INSTALLATION

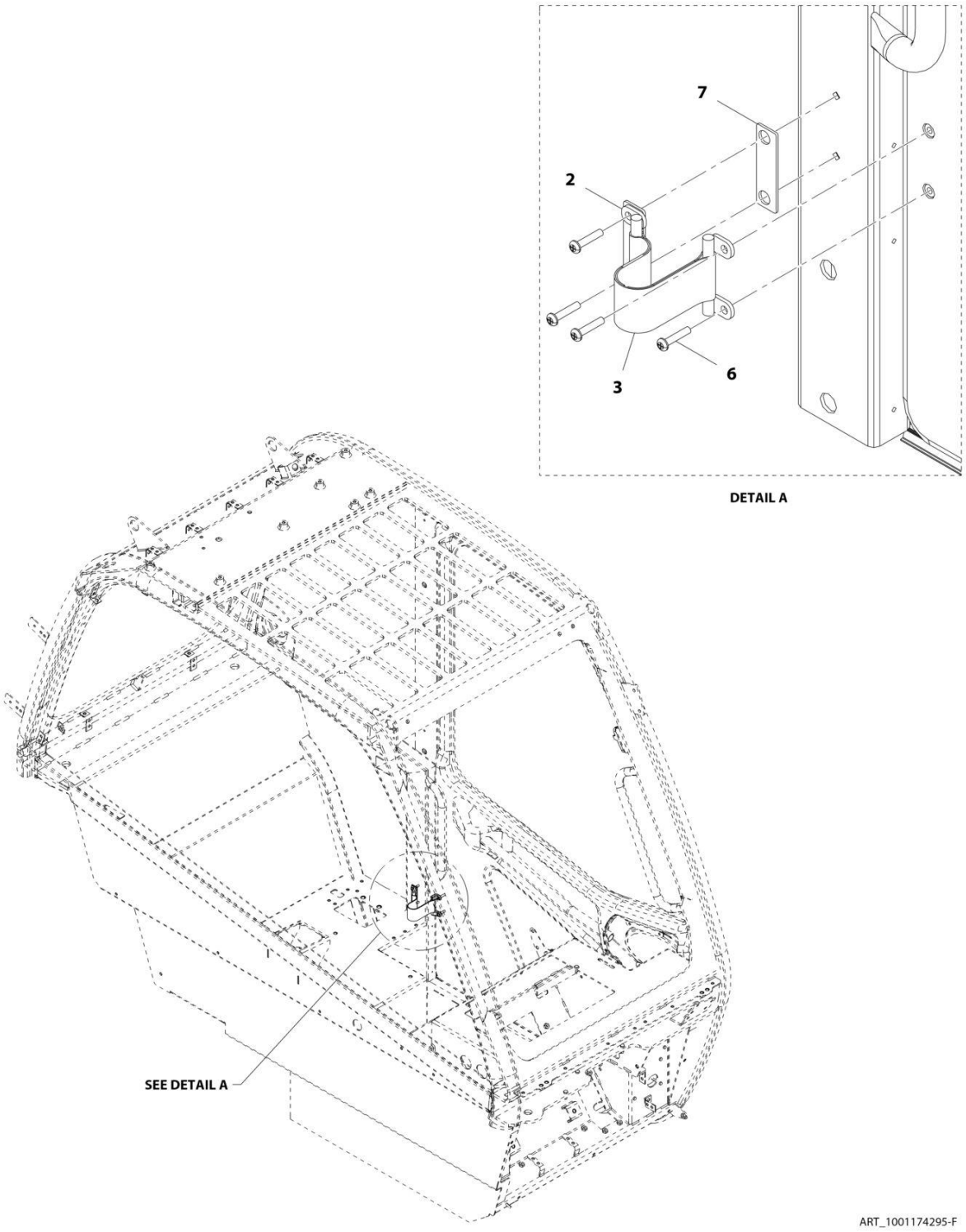
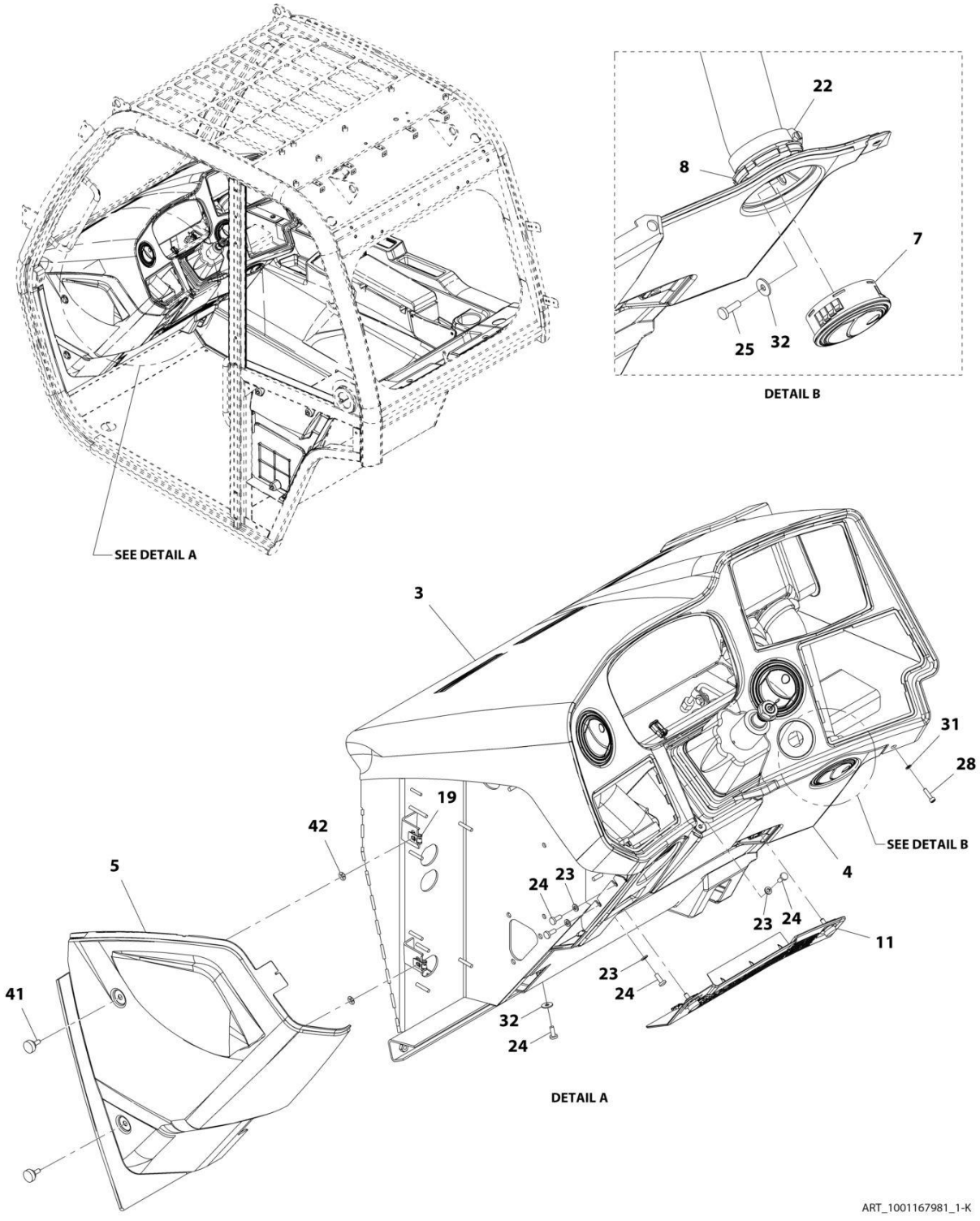


FIGURE 6-20. DOOR STRAP INSTALLATION

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

FIGURE 6-21. ENCLOSED CAB TRIM INSTALLATION (Prior to SN 1160008371)



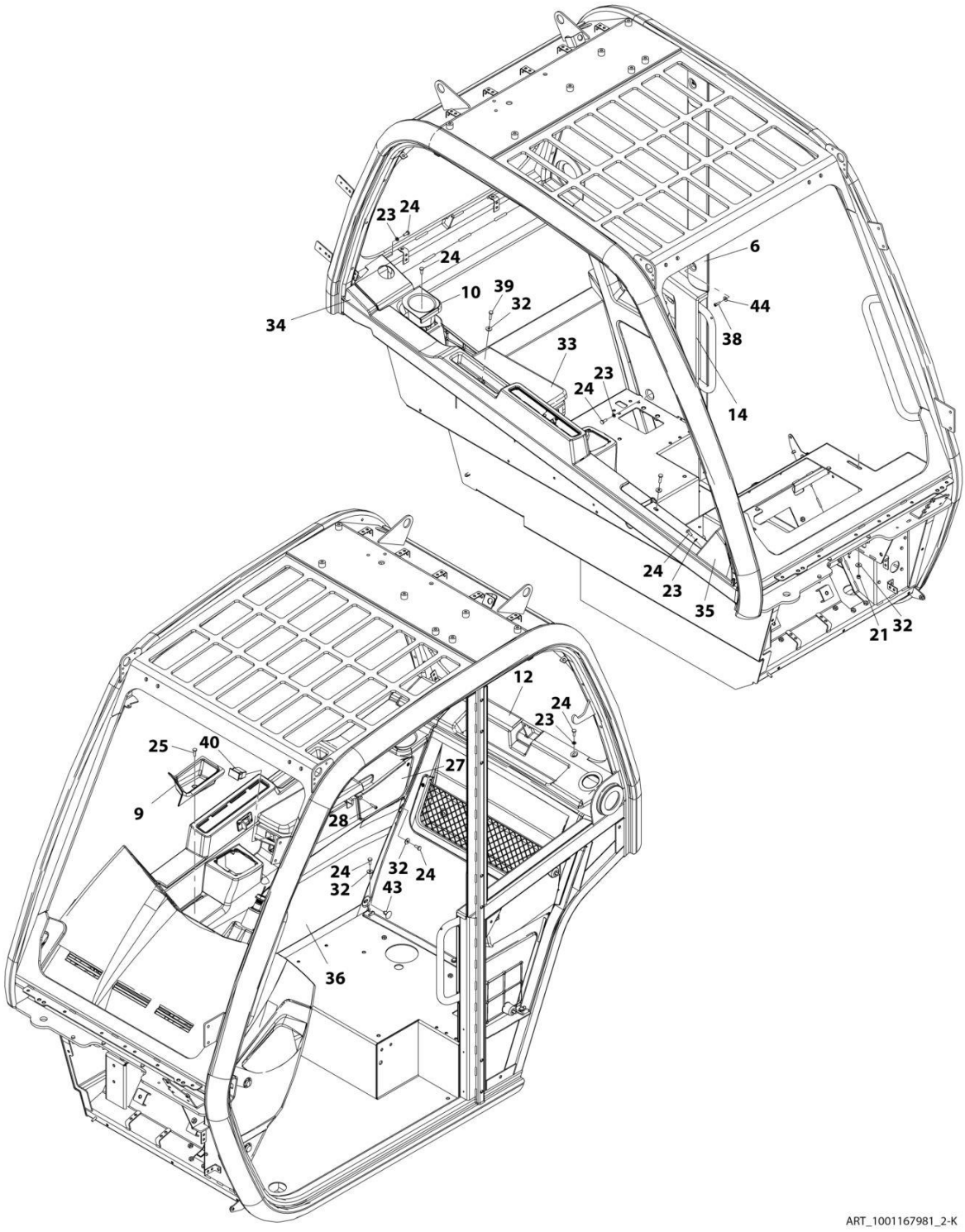
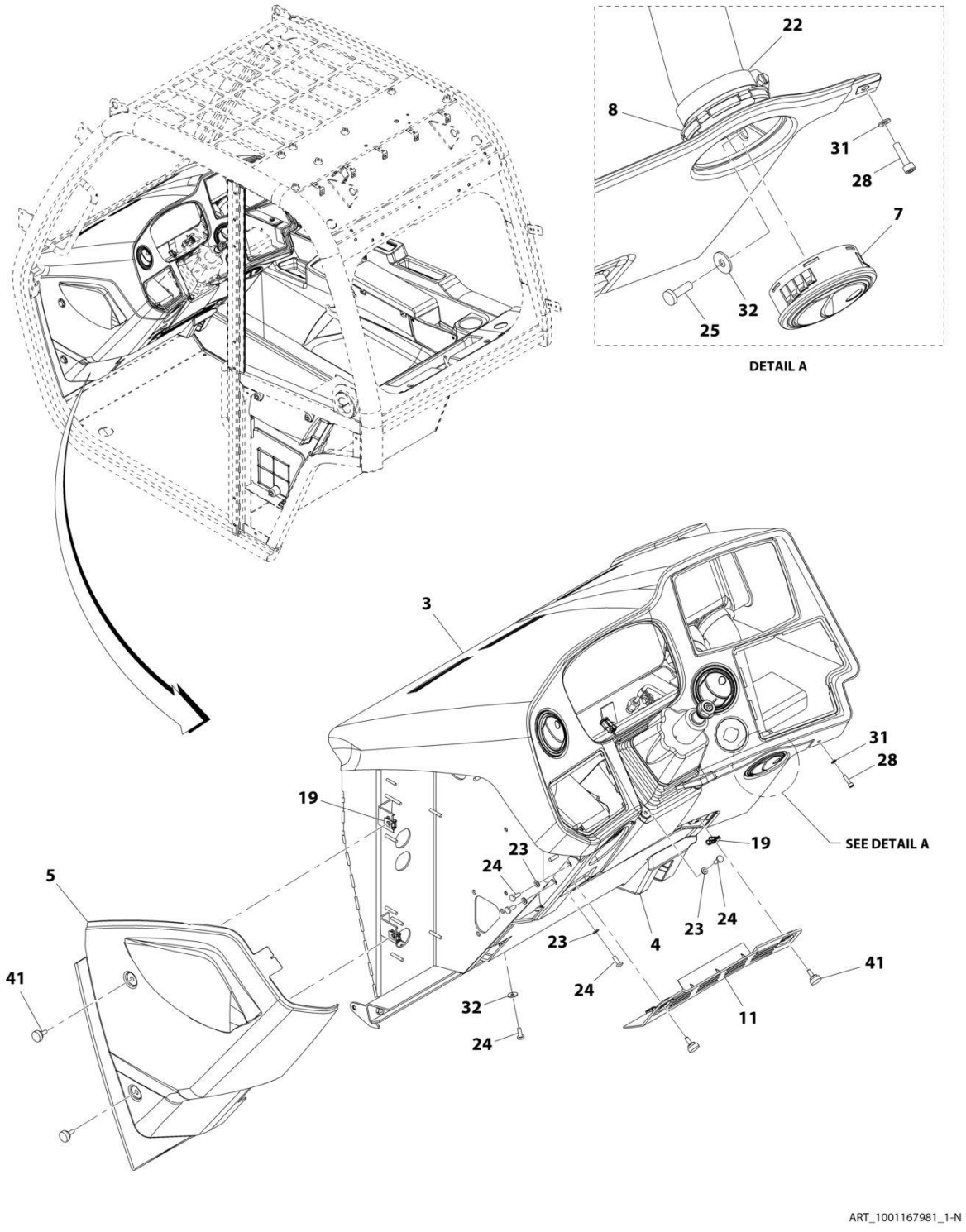

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ART_1001167981_2-K

FIGURE 6-21. ENCLOSED CAB TRIM INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167981	Ref	Enclosed Cab Trim Installation	K
3	1001169604	1	Assembly, Dash Cover (See Separate Breakdown in this Section)	
4	1001175903	1	Panel, Lower Dash	
5	1001161855	1	Panel, LH Dash	
6	1001161251	1	Panel, Cover	
7	1001147449	2	Vent, Air	
8	1001149278	2	Vent, Connector	
9	1001169603	1	Panel, Trinket Tray	
10	1001170518	1	Holder, Cup	
11	1001170506	1	Panel, Recirculation Grille Cover (See Separate Breakdown in this Section)	
12	1001170519	1	Assembly, Rear Panel Cover (See Separate Breakdown in this Section)	
14	1001161068	1	Panel, Cover	
19	8305919	2	Nut, M6	
21	3290605	2	Nut, Lock M6X1 Grade 8	
22	8405201	2	Clamp, Gear	
23	4811700	18	Washer, M6	
24	4010608002	20	Screw, M6X16	
25	4010610002	2	Screw, M6X20	
27	1001173965	1	Bezel, RH	
28	4031608	3	Bolt, M5X20	
31	4811600	3	Washer, M5	
32	4811702	12	Washer, M6	
33	1001181726	Ref	Installation, Adjustable Armrest (See Separate Breakdown in this Section)	
34	1001182834	1	Panel, Cover	
35	1001185870	1	Panel, Cover	
36	1001189182	1	Panel, Cover	
38	4031607	2	Bolt, M5-.8X16	
39	4010612002	3	Screw, M6X25	
41	1001208308	2	Bolt, M6X15	
42	1001148557	2	Washer, Star	
43	1001211907	1	Screw, Retainer	
44	4811602	2	Washer, 5M	

FIGURE 6-22. ENCLOSED CAB TRIM INSTALLATION (SN 1160008371 to Present)



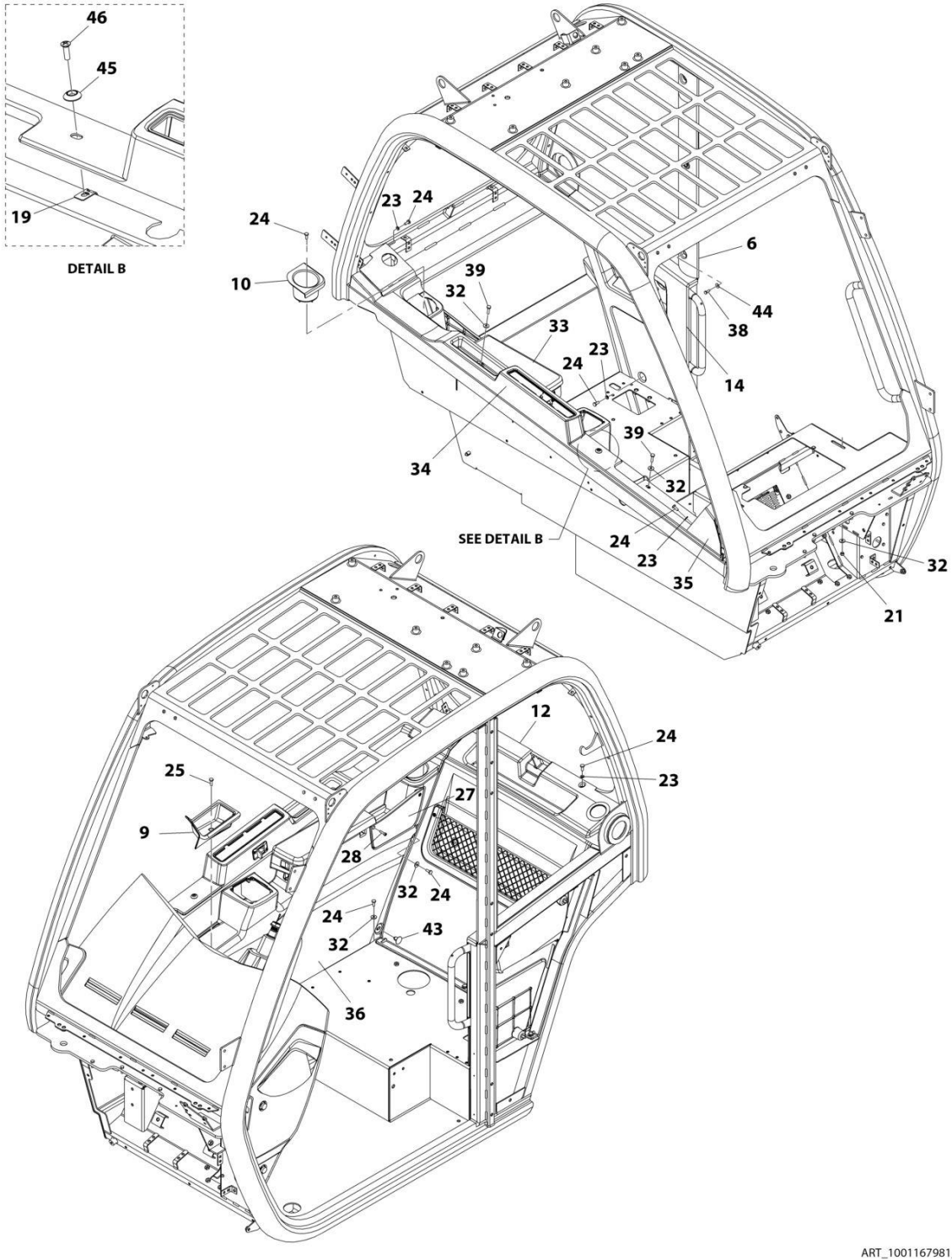

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ART_1001167981_2-N

FIGURE 6-22. ENCLOSED CAB TRIM INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167981	Ref	Enclosed Cab Trim Installation	N
3	1001169604	1	Assembly, Dash Cover (See Separate Breakdown in this Section)	
4	1001175903	1	Panel, Lower Dash	
5	1001161855	1	Panel, LH Dash	
6	1001219076	1	Panel, Cover	
7	1001147449	2	Vent, Air	
8	1001149278	2	Vent, Connector	
9	1001169603	1	Panel, Trinket Tray	
10	1001170518	1	Holder, Cup	
11	1001170504	1	Panel, Recirculation Grille Cover	
12	1001170519	1	Assembly, Rear Panel Cover (See Separate Breakdown in this Section)	
14	1001161068	1	Panel, Cover	
19	8305919	5	Nut, M6	
21	3290605	2	Nut, Lock M6X1 Grade 8	
22	8405201	2	Clamp, Gear	
23	4811700001	13	Washer, M6	
24	4010608002	20	Screw, M6X16	
25	4010610002	2	Screw, M6X20	
27	1001173965	1	Bezel, RH	
28	4031608001	3	Bolt, M5X20	
31	4811600	1	Washer, M5	
32	4811702001	12	Washer, M6	
33	1001181726	Ref	Installation, Adjustable Armrest (See Separate Breakdown in this Section)	
34	1001182834	1	Panel, Cover	
35	1001185870	1	Panel, Cover	
36	1001189182	1	Panel, Cover	
38	4010508002	3	Bolt, M5-.8X16	
39	4010612002	3	Screw, M6X25	
41	1001208308	4	Bolt, M6X15	
43	1001211907	1	Screw, Retainer	
44	4811602001	3	Washer, 5M	
45	1001098150	1	Washer, M6	
46	1001132564	1	Screw M6X20	

FIGURE 6-23. DASH COVER ASSEMBLY

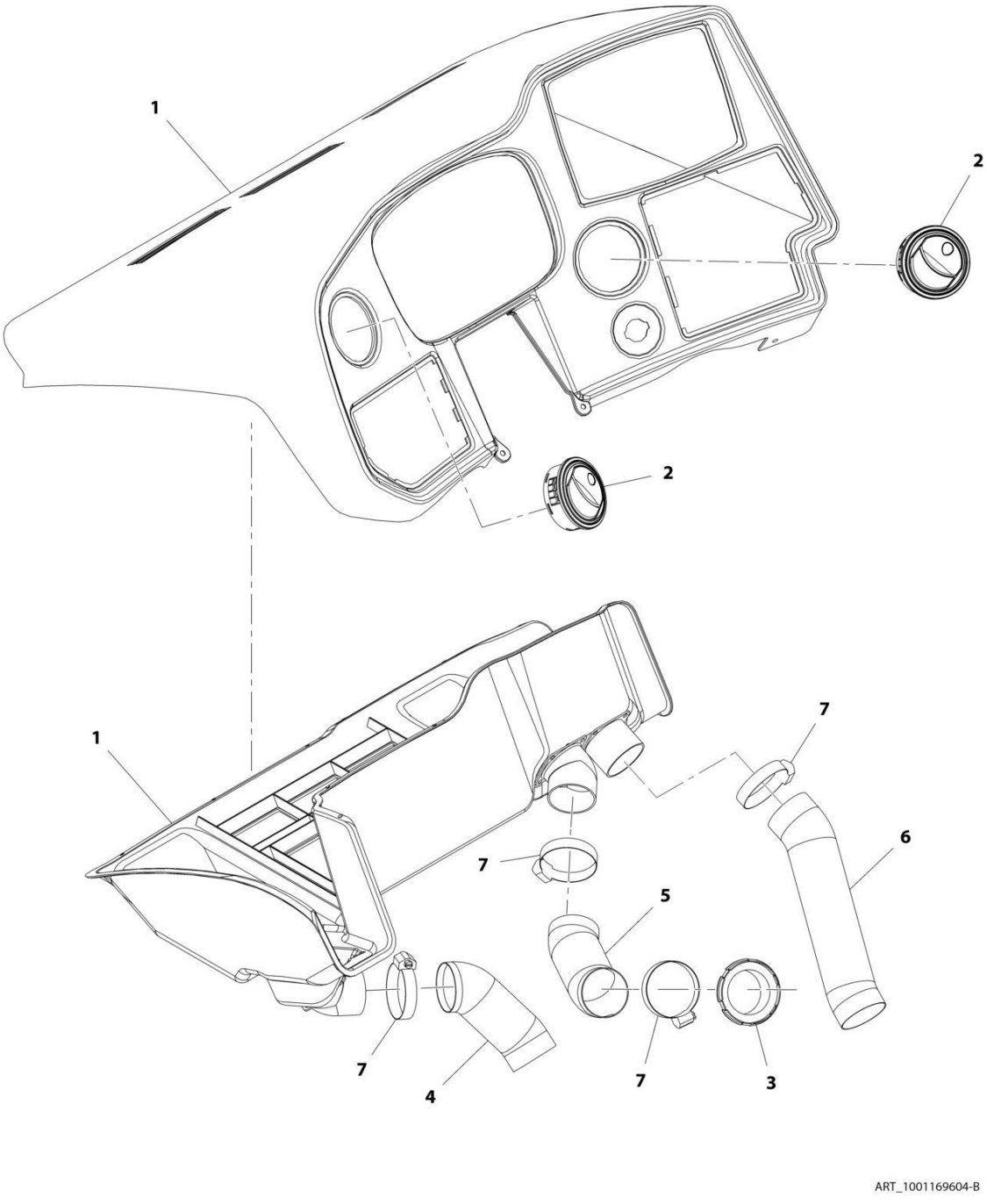
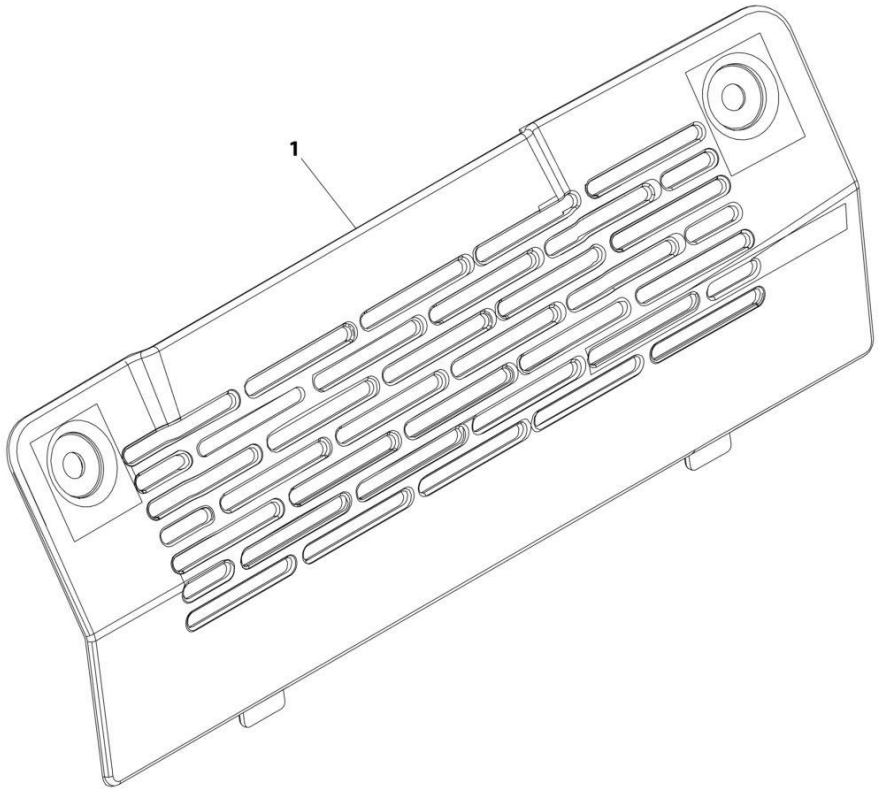


FIGURE 6-23. DASH COVER ASSEMBLY

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

FIGURE 6-24. RECIRCULATION GRILLE COVER PANEL ASSEMBLY (Prior to SN 1160008371)



ART_1001170506-F

FIGURE 6-24. RECIRCULATION GRILLE COVER PANEL ASSEMBLY (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170506	1	Recirculation Grille Cover Panel Assembly	F
1	1001170504	1	Cover, HVAC Recirc Grille	

FIGURE 6-25. REAR PANEL COVER ASSEMBLY

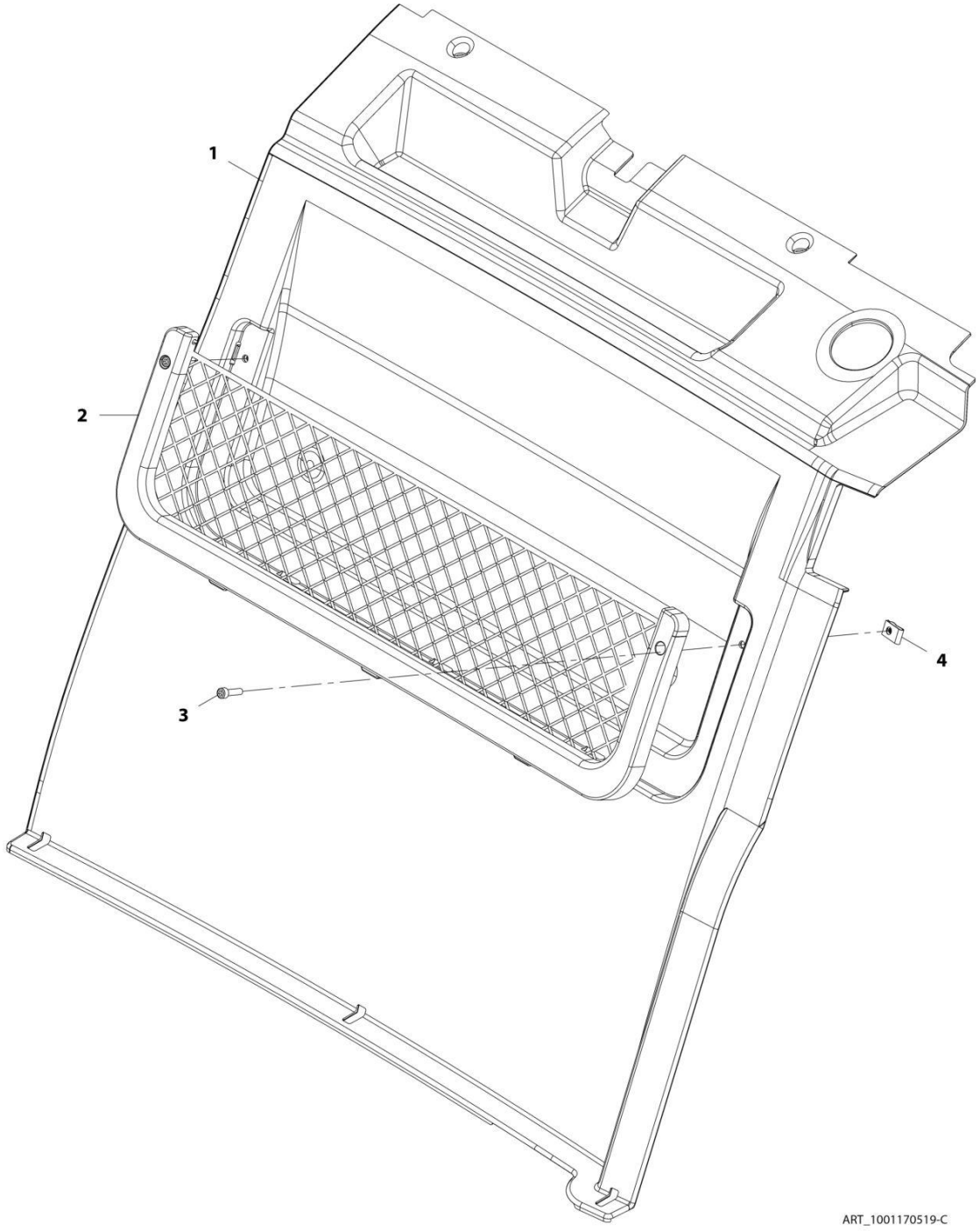


FIGURE 6-25. REAR PANEL COVER ASSEMBLY

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

FIGURE 6-26. ADJUSTABLE ARMREST INSTALLATION

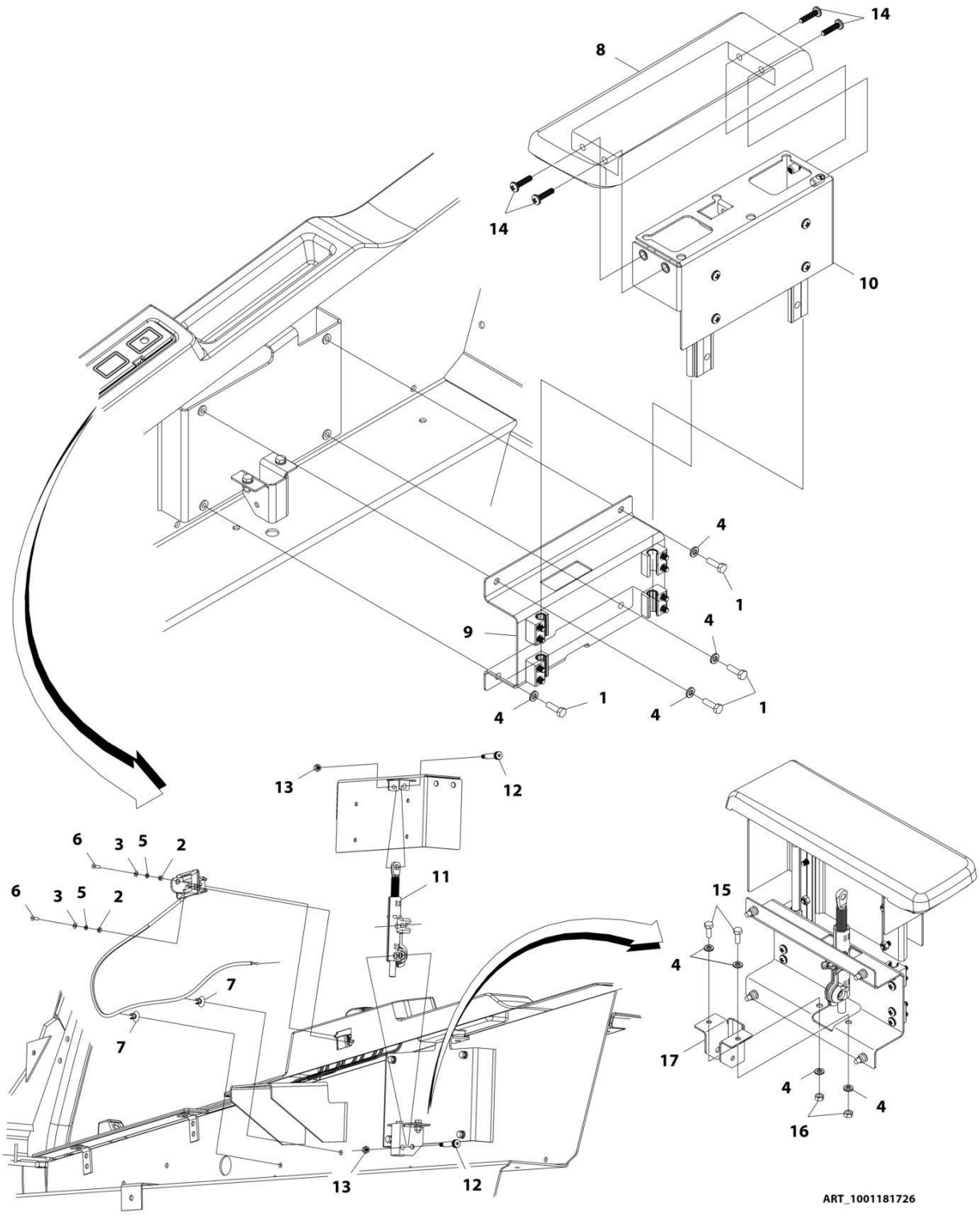


FIGURE 6-26. ADJUSTABLE ARMREST INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181726	Ref	Adjustable Armrest Installation	F
1	0700610	4	Bolt, M6X20	
2	3290401	2	Nut, M4X0.7	
3	4811400	2	Washer, M4	
4	4811700	8	Washer, M6	
5	4831400	2	Washer, Lock M4	
6	1001097244	2	Screw, M4X12	
7	1001165458	4	Hose	
8	1001191281	1	Armrest (See Separate Breakdown in this Section)	
9	1001191283	1	Bracket, Fixed Armrest (See Separate Breakdown in this Section)	
10	1001191284	1	Bracket, Moving Armrest (See Separate Breakdown in this Section)	
11	1001191285	1	Spring	
12	1001191370	2	Screw, M6	
13	3290605	2	Nut, M6X1 Grade 8	
14	4010612002	4	Screw, M6X25	
15	0760608	2	Bolt, M6X16	
16	3290601	2	Nut, M6X1	
17	1001212468	1	Bracket, Locking Spring Mount	

FIGURE 6-27. HEADLINER INSTALLATION

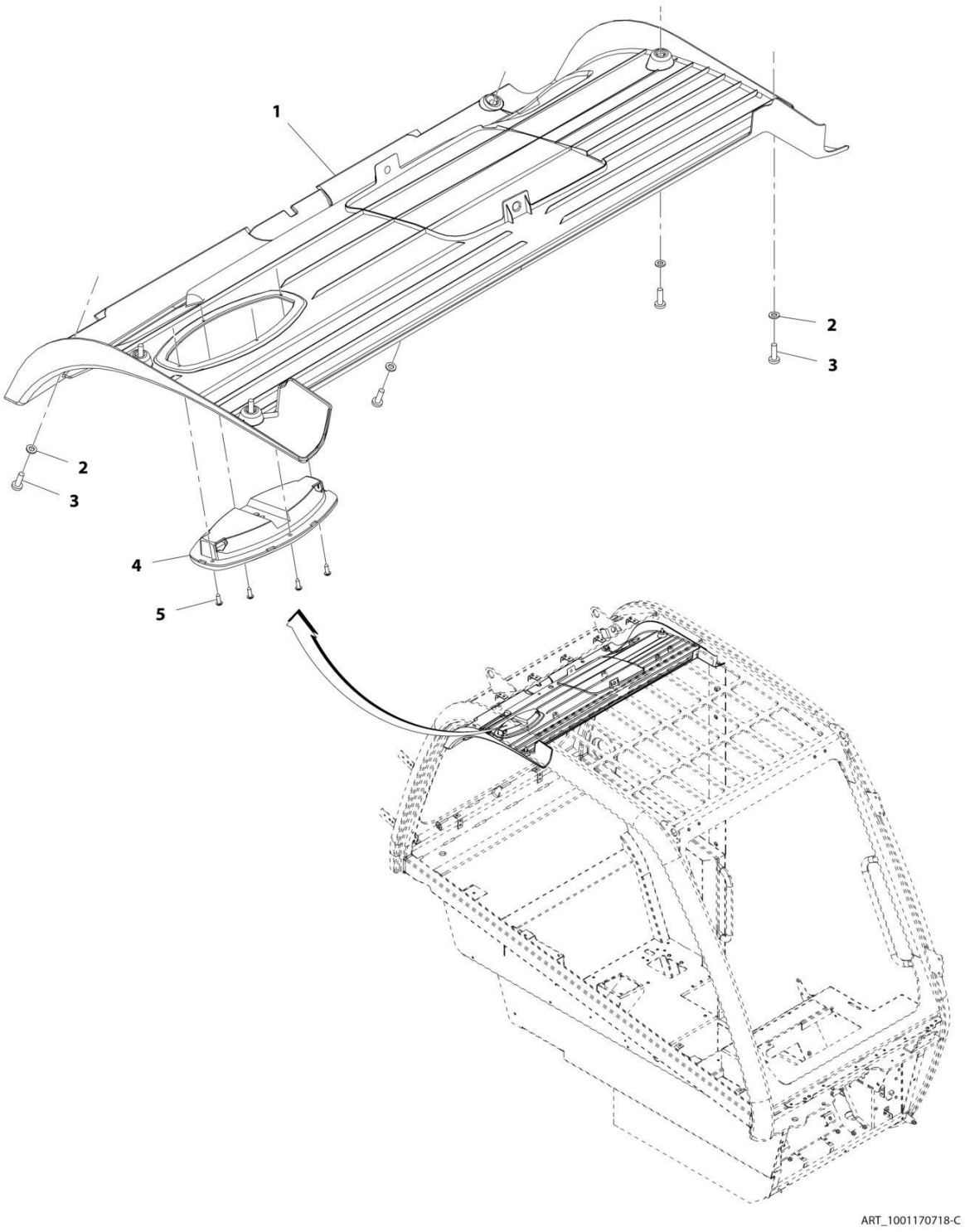


FIGURE 6-27. HEADLINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170718	Ref	Headliner Installation	D
1	1001170716	1	Panel, Headliner	
2	4811700	6	Washer, M6	
3	4031708001	6	Capscrew M6 x 20	
4	1001167015	1	Lamp, Dome	
5	7029486	4	Screw	

FIGURE 6-28. HEADLINER/ RADIO READY INSTALLATION

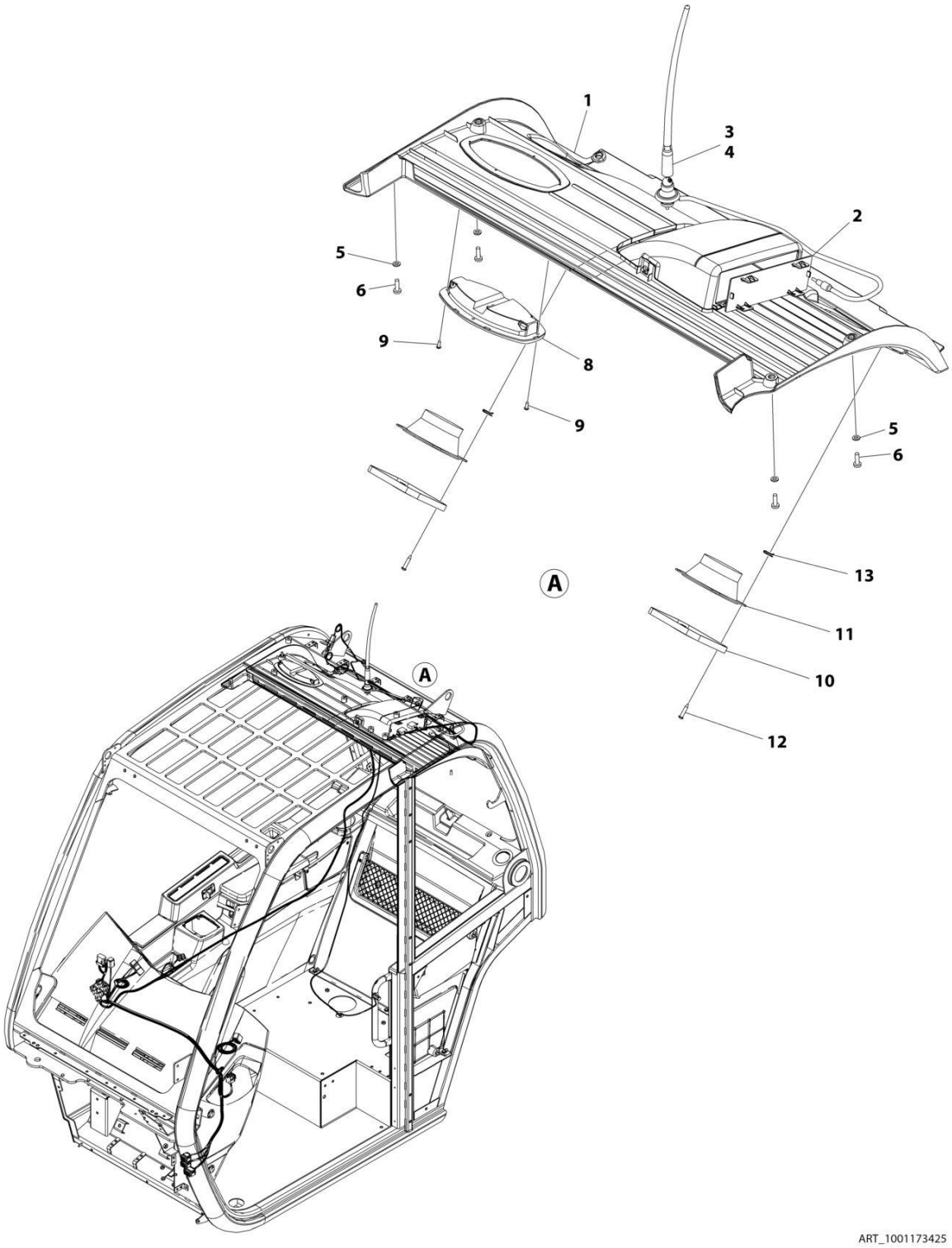


FIGURE 6-28. HEADLINER/ RADIO READY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173425	Ref	HEADLINER/ RADIO READY INSTALLATION	F
1	1001243343	1	Cover, Headliner	
2	1001200968	1	Plate	
3	8005901	1	Antenna	
4	1001116128	AR	Sealant, Polysiloxane	
5	4811700	6	Washer, 6M	
6	4031708001	6	Screw, M6 x 20	
8	1001167015	1	Lamp	
9	7029486	4	Screw	
10	1671326	2	Cover, Speaker	
11	1001146901	1	Radio, Speaker	
12	1001111147	8	Screw, Spire	
13	1001258342	8	Nut, Spire	

FIGURE 6-29. COMMON CAB TRIM INSTALLATION

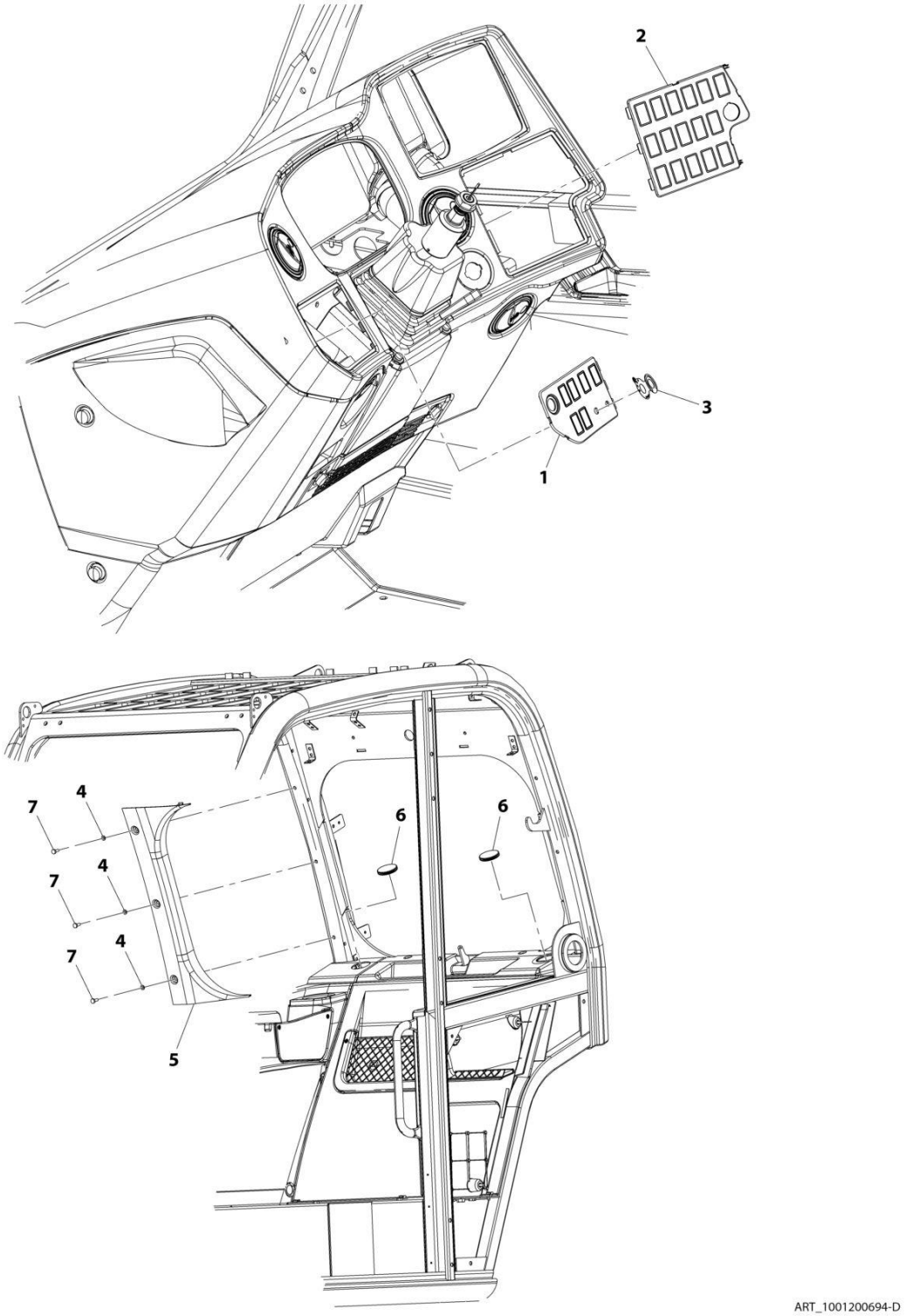


FIGURE 6-29. COMMON CAB TRIM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200694	Ref	Common Cab Trim Installation	D
1	1001219864	1	Panel, LH Switch	
2	1001219865	1	Panel, RH Switch	
3	1001184975	1	Decal, HVAC	
4	4811700001	3	Washer, M6	
5	1001161253	1	Panel, Cover	
6	1001223265	2	Grommet	
7	4010608002	3	Screw, M6X16	

FIGURE 6-30. CAB TRIM INSTALLATION (Prior to SN 1160008371)

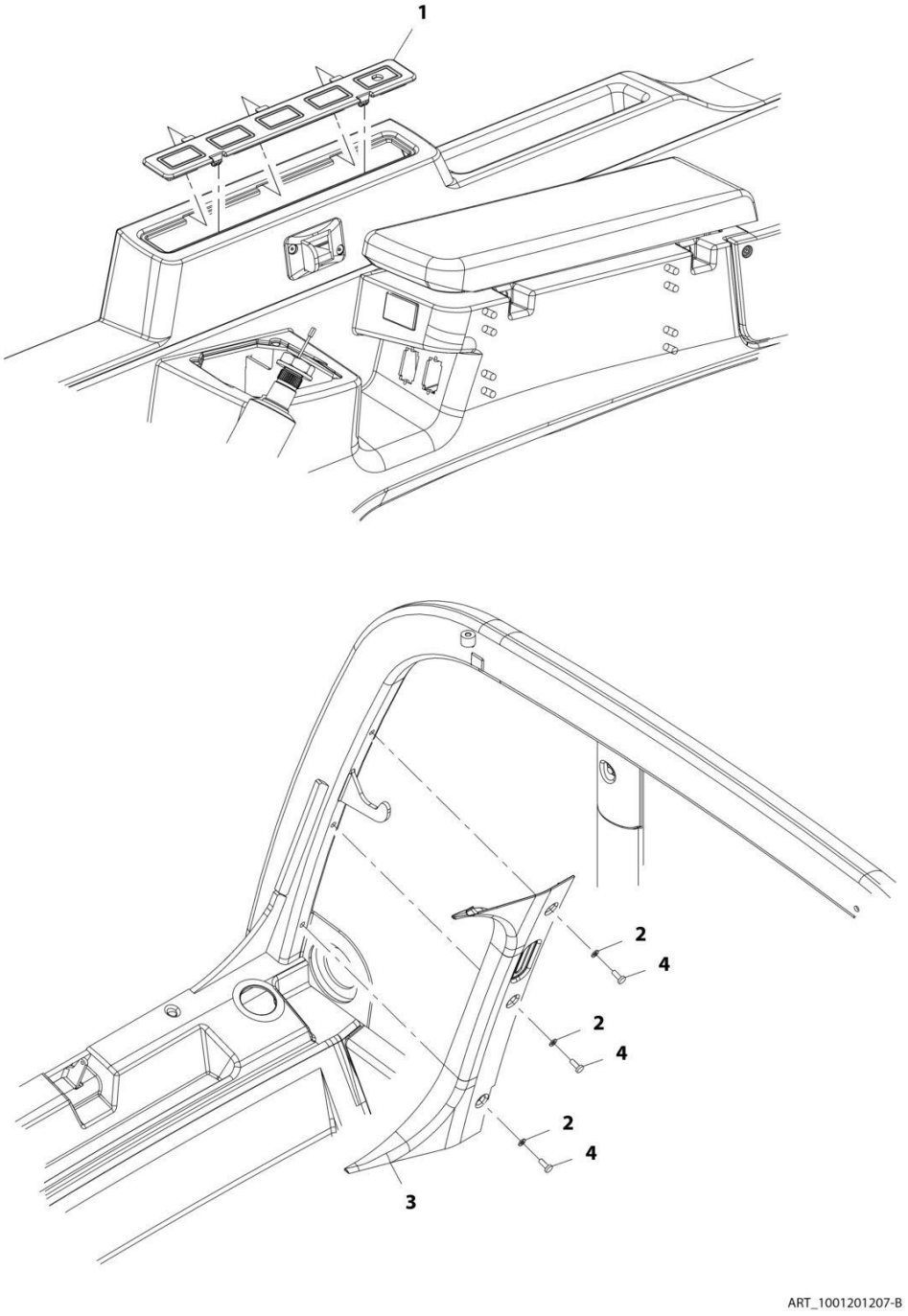


FIGURE 6-30. CAB TRIM INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201207	Ref	Cab Trim Installation	B
1	1001177464	1	Plate, Switch	
2	4811700	1	Washer, M6	
3	1001161252	1	Panel, Cover	
4	4010608002	3	Screw, M6X16	

FIGURE 6-31. CAB TRIM INSTALLATION (SN 1160008371 to Present)

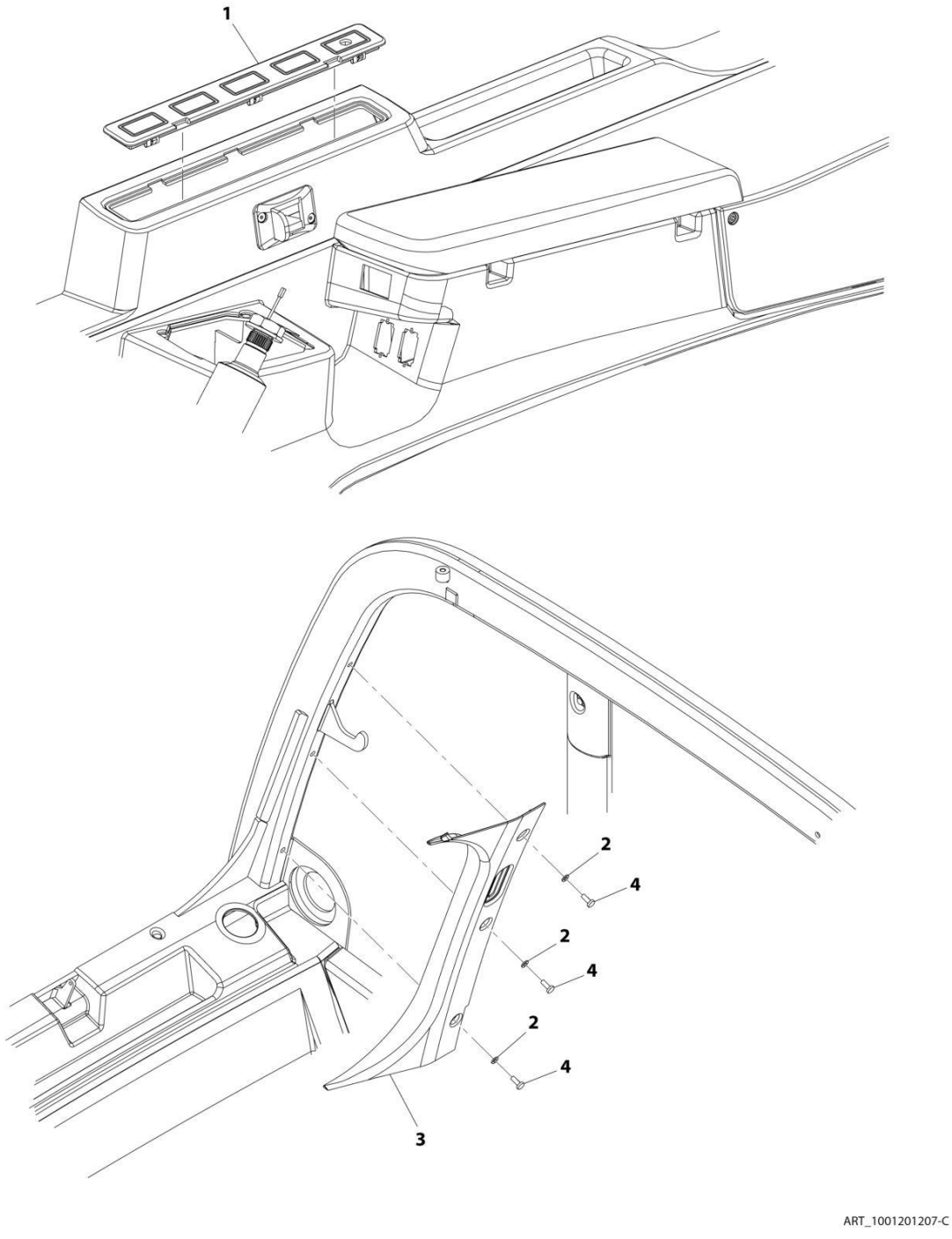


FIGURE 6-31. CAB TRIM INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201207	Ref	Cab Trim Installation	C
1	1001219863	1	Panel, Switch	
2	4811700001	3	Washer, M6	
3	1001161252	1	Panel, Cover	
4	4010608002	3	Screw, M6X16	

FIGURE 6-32. ROOF CAP INSTALLATION (A/C)

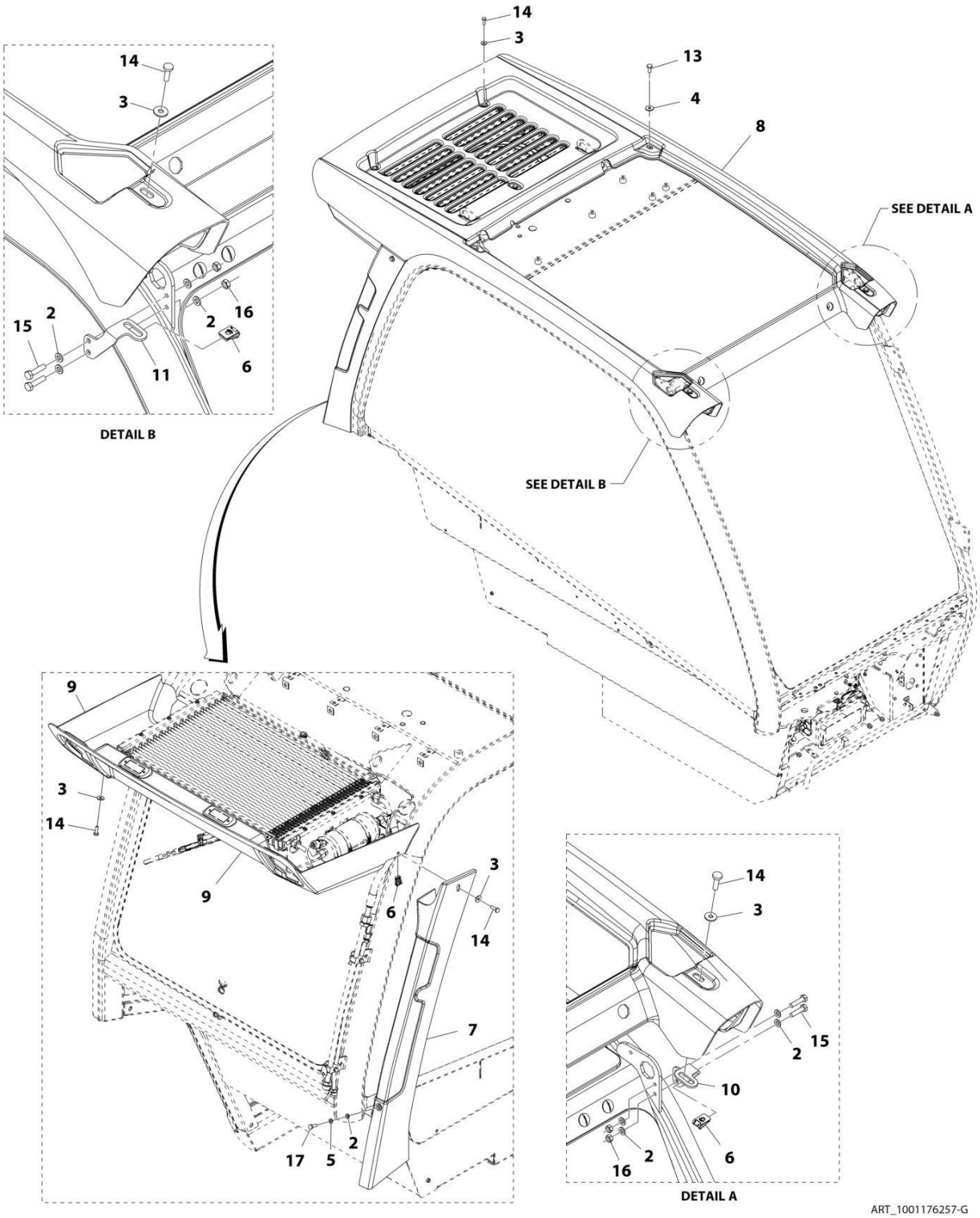


FIGURE 6-32. ROOF CAP INSTALLATION (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176257	Ref	Roof Cap Installation (A/C)	G
2	4811700	9	Washer, M6	
3	4811702	10	Washer, M6	
4	4811902	2	Washer, M8	
5	4831700	1	Washer, Lock M6	
6	8305919	3	Nut, M6	
7	1001174741	1	Cover	
8	1001176140	1	Cover	
9	1001176318	1	Cover	
10	1001174800	1	Bracket	
11	1001174801	1	Bracket	
13	0760608	2	Bolt, M6X16	
14	4010610002	10	Screw, Posi-Drive M6X20	
15	0700612	4	Bolt, M6X25	
16	3290601	4	Nut, M6X1	
17	4010608002	1	Screw, Posi-Drive, M6X16	

FIGURE 6-33. ROOF CAP INSTALLATION (NO A/C)

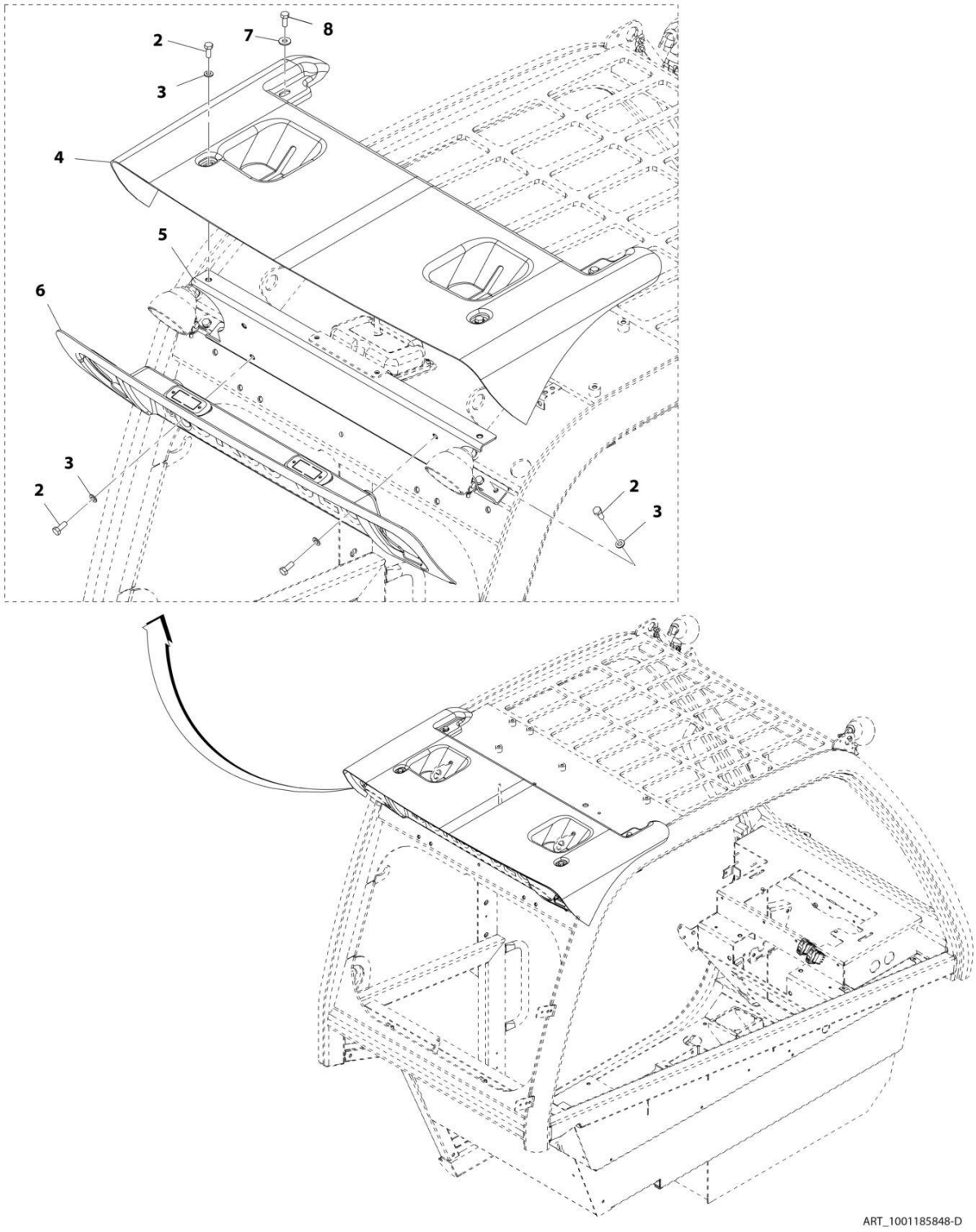


FIGURE 6-33. ROOF CAP INSTALLATION (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185848	Ref	Roof Cap Installation (No A/C - AG)	D
2	0760810	8	Bolt, M8X20	
3	4811900	8	Washer, M8	
4	1001182330	1	Cover, Short Upper Roof Cap	
5	1001185633	1	Bracket, Roof Cap Mount	
6	1001185845	1	Cover, Short Lower Roof Cap	
7	4811902	2	Washer, M8	
8	0760808	2	Bolt, M8X16	

FIGURE 6-34. FRONT COVER INSTALLATION

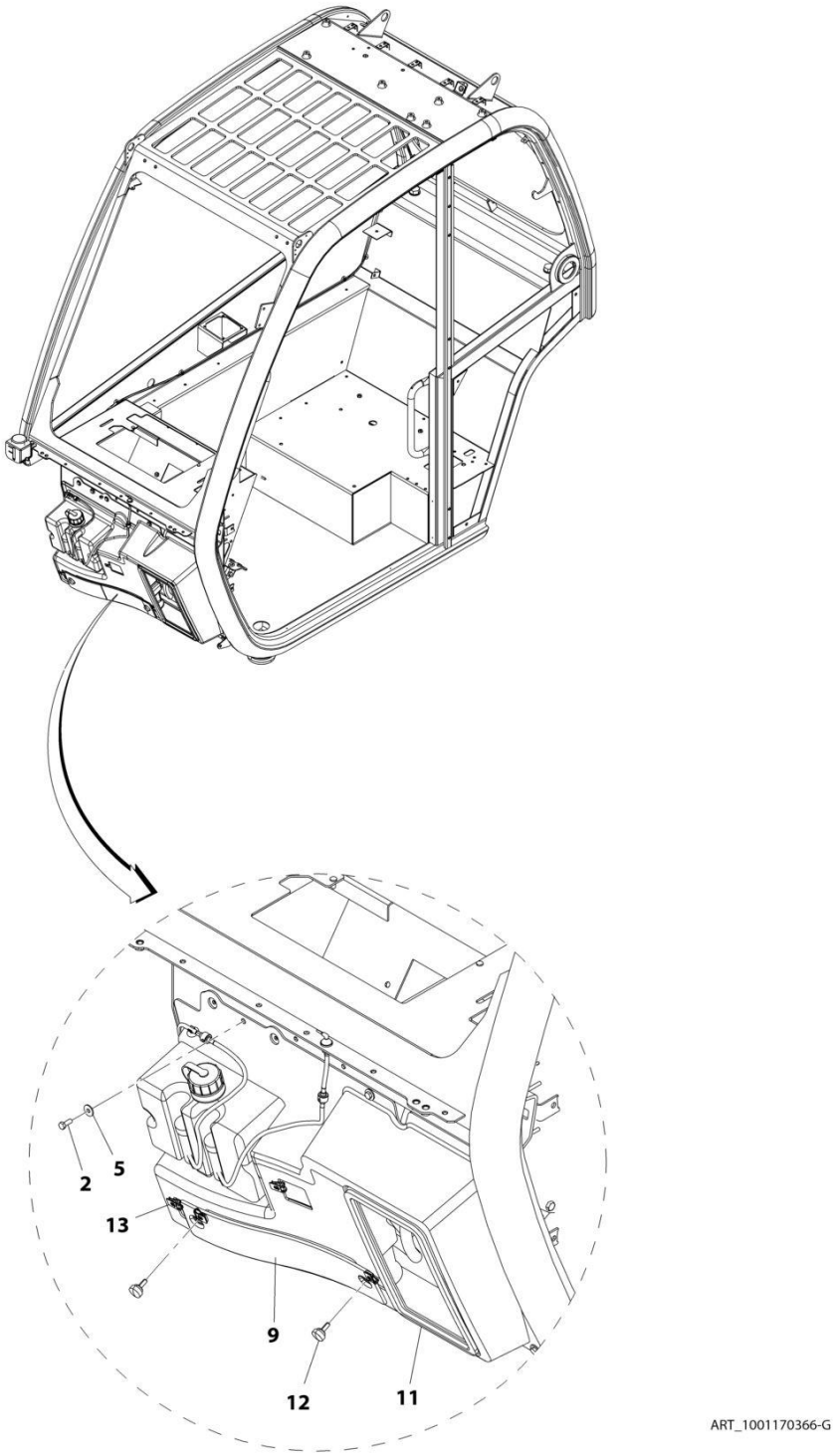
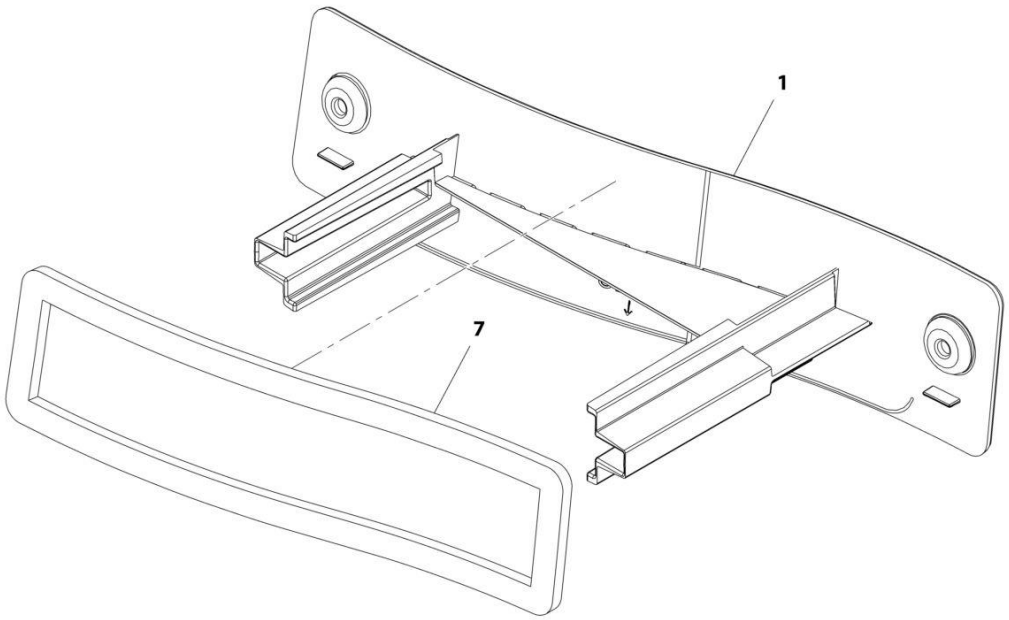


FIGURE 6-34. FRONT COVER INSTALLATION

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

FIGURE 6-35. FILTER TRAY PANEL



ART_1001175471-D

FIGURE 6-35. FILTER TRAY PANEL

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

FIGURE 6-36. FRONT DUCT COVER

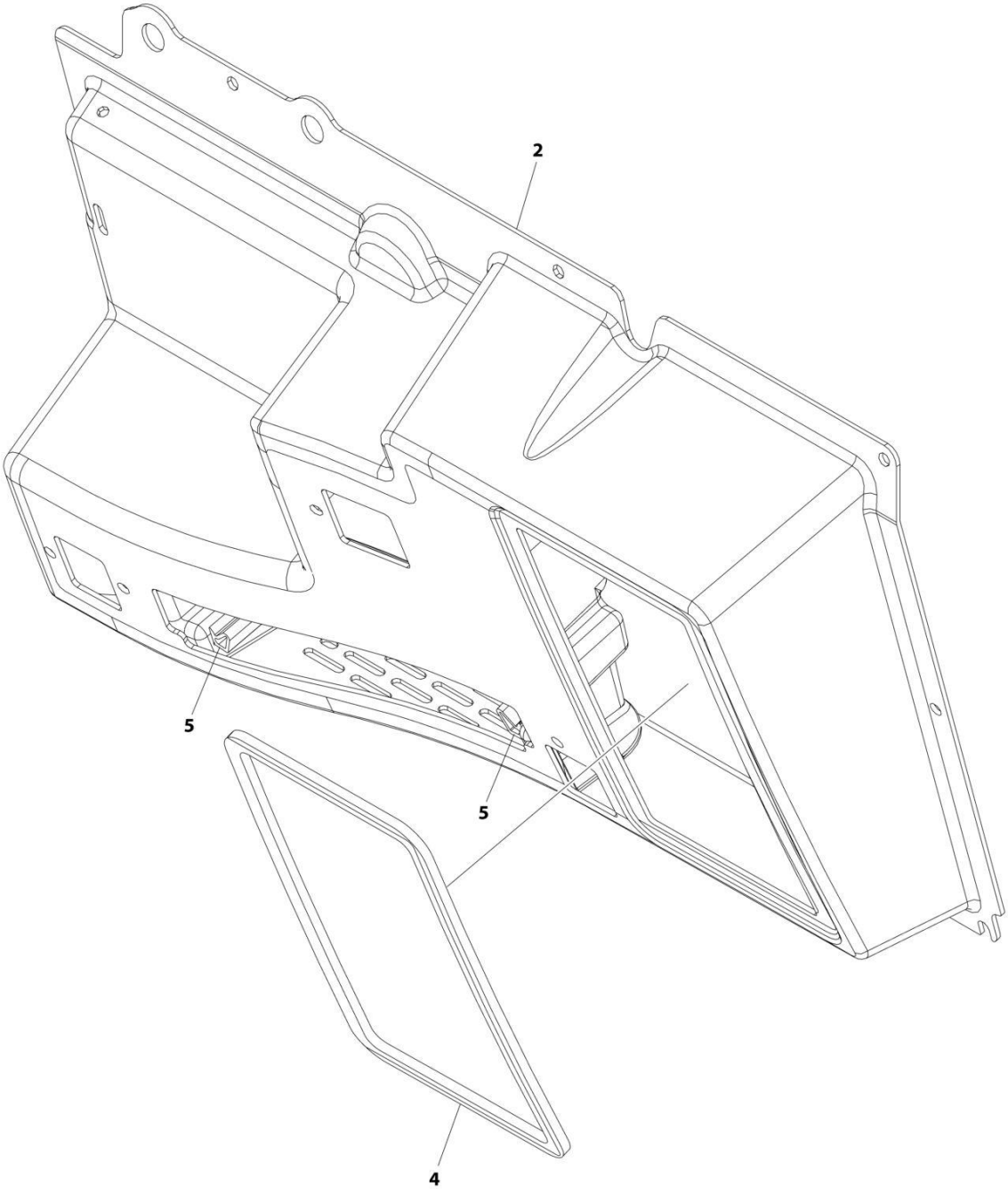


FIGURE 6-36. FRONT DUCT COVER

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

FIGURE 6-37. HVAC CAB ACTUATOR

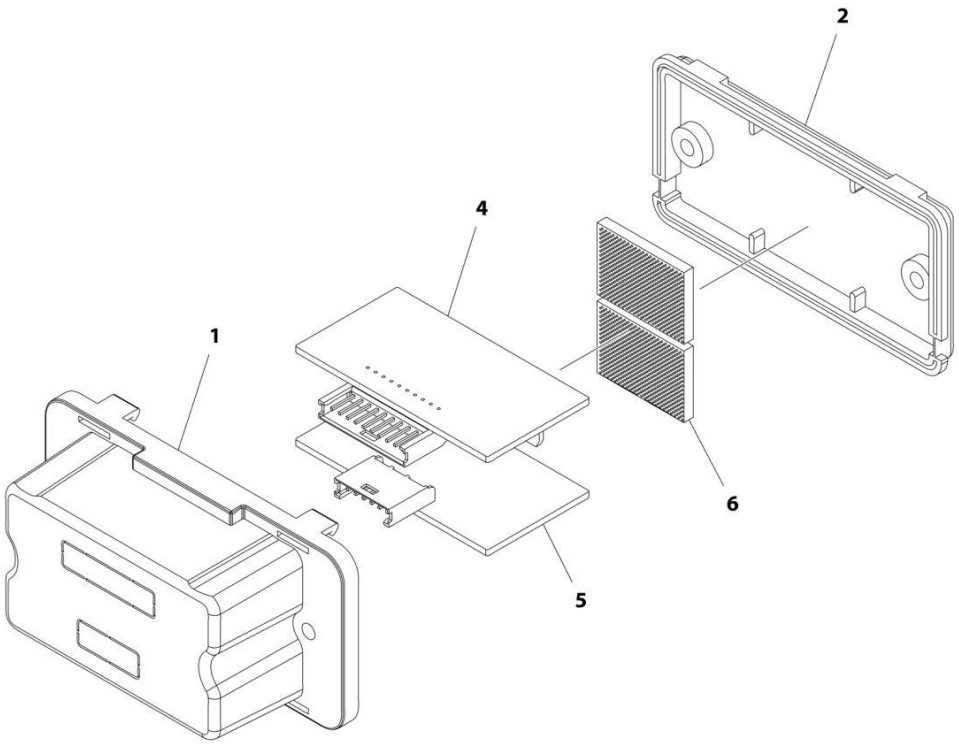


FIGURE 6-37. HVAC CAB ACTUATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172551	Ref	HVAC CAB ACTUATOR	E
1	1001184306	1	Box, Heater Controller	
2	1001184307	1	Base, Heater Controller Box	
4	1001184309	1	Board, Heater Control	
5	1001184310	1	Board, Heater Control	
6	1001189980	2	Insulator, Heater Controller Box	

FIGURE 6-38. SEAT INSTALLATION (MECHANICAL)

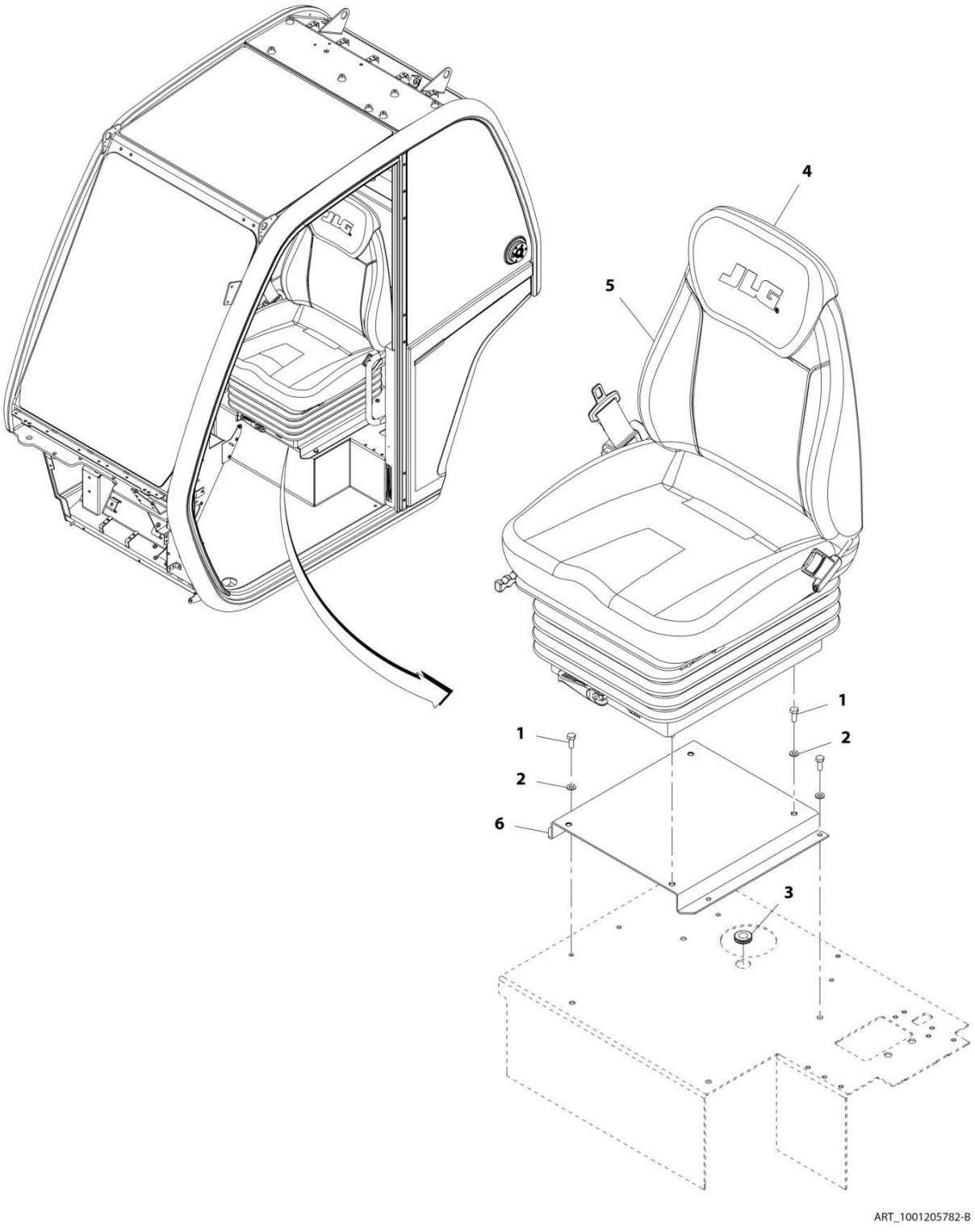


FIGURE 6-38. SEAT INSTALLATION (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205782	Ref	Seat Installation (Mechanical - JLG)	B
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001216974	1	Grommet	
4	1001119467	1	Headrest, Cloth	
5	1001150294	1	Seat, Assembly (See Separate Breakdown in this Section)	
6	1001205514	1	Plinth, Seat	

FIGURE 6-39. SEAT ASSEMBLY

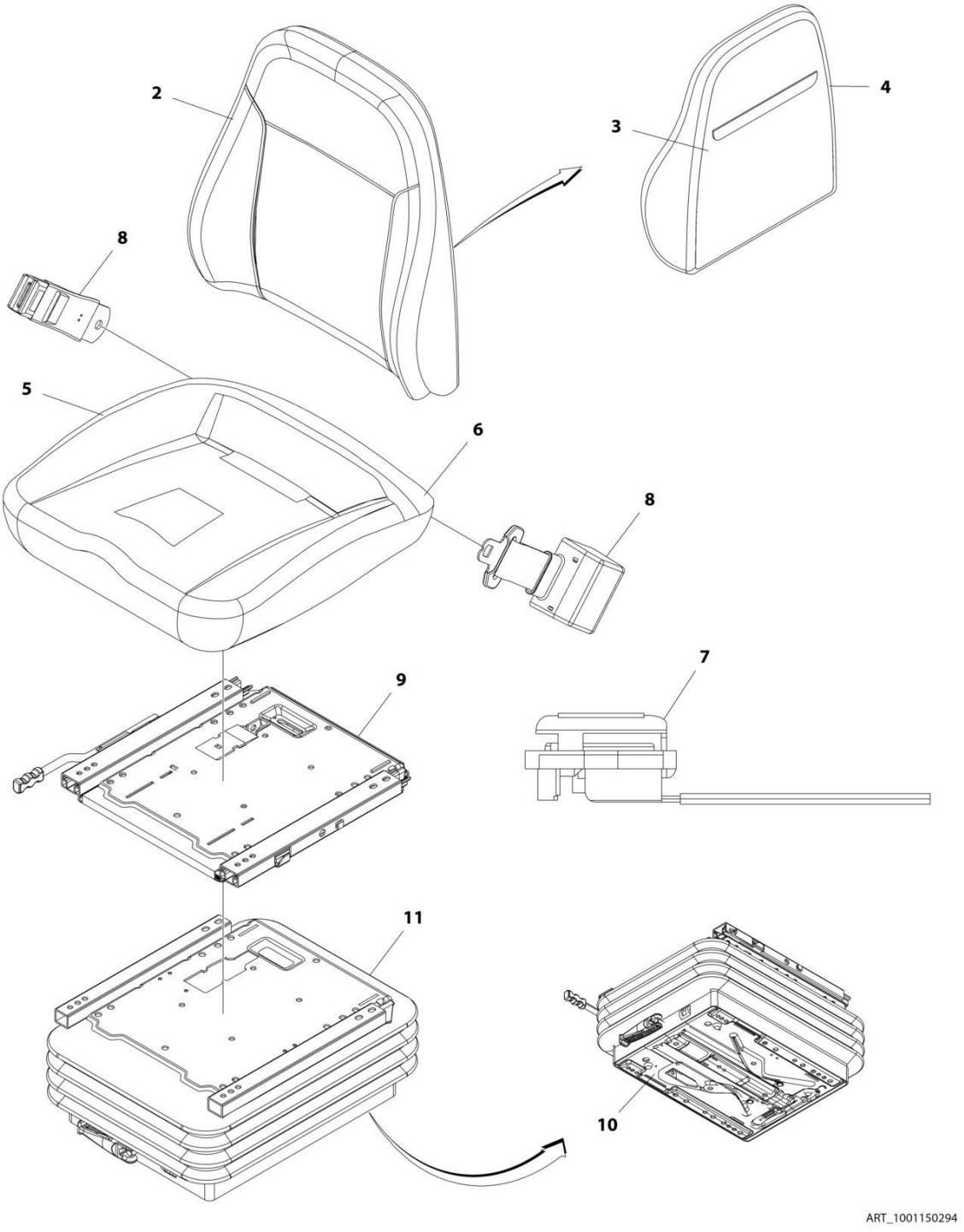


FIGURE 6-39. SEAT ASSEMBLY

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

FIGURE 6-40. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)

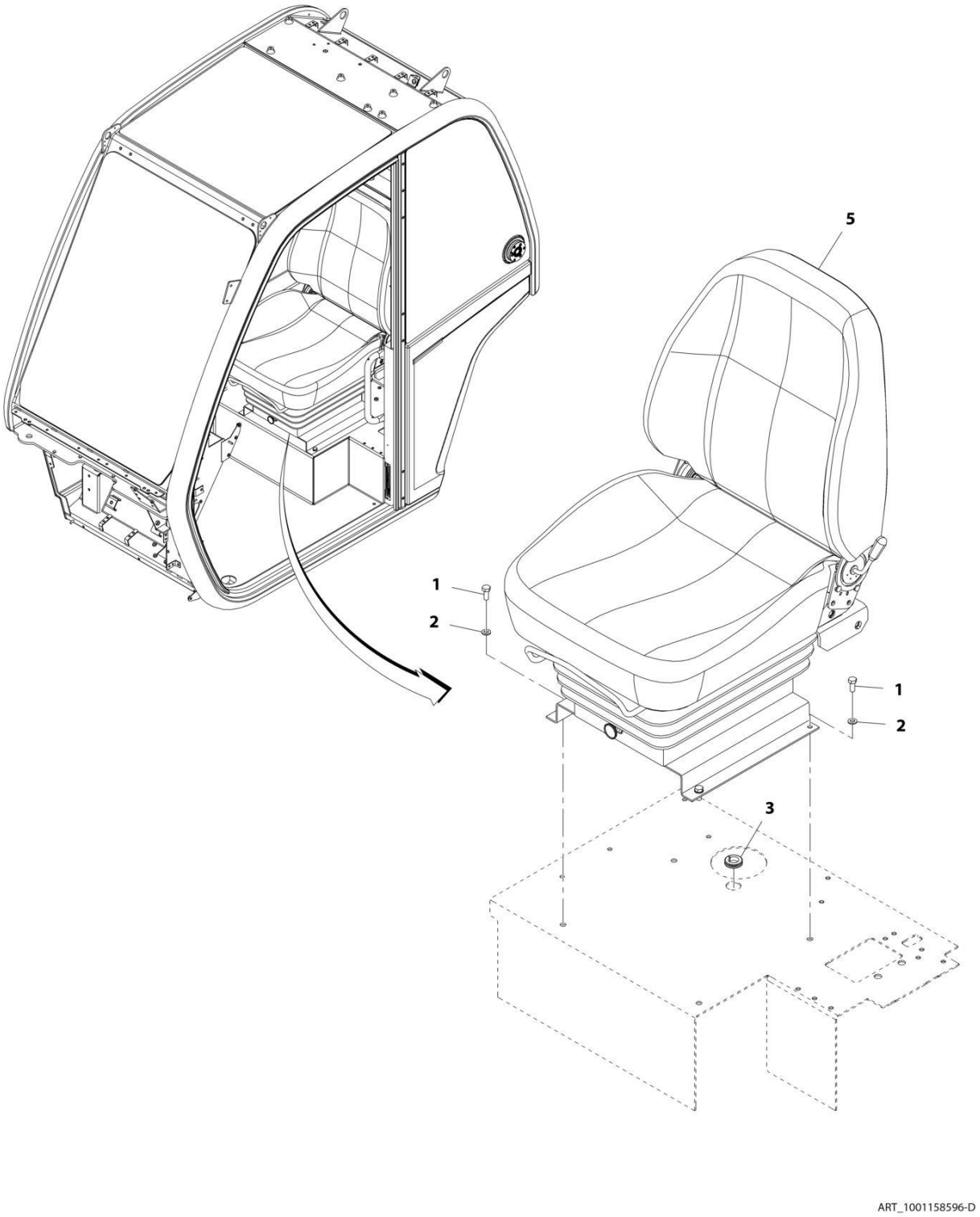


FIGURE 6-40. SEAT INSTALLATION (AIR SUSPENSION - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158596	Ref	Seat Installation (Air Suspension - Standard)	D
1	0760810	4	Bolt, M8X20	
2	4811900	4	Washer, M8	
3	1001216974	1	Grommet	
5	1001165573	1	Assembly, Seat (See Separate Breakdown in this Section)	

FIGURE 6-41. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

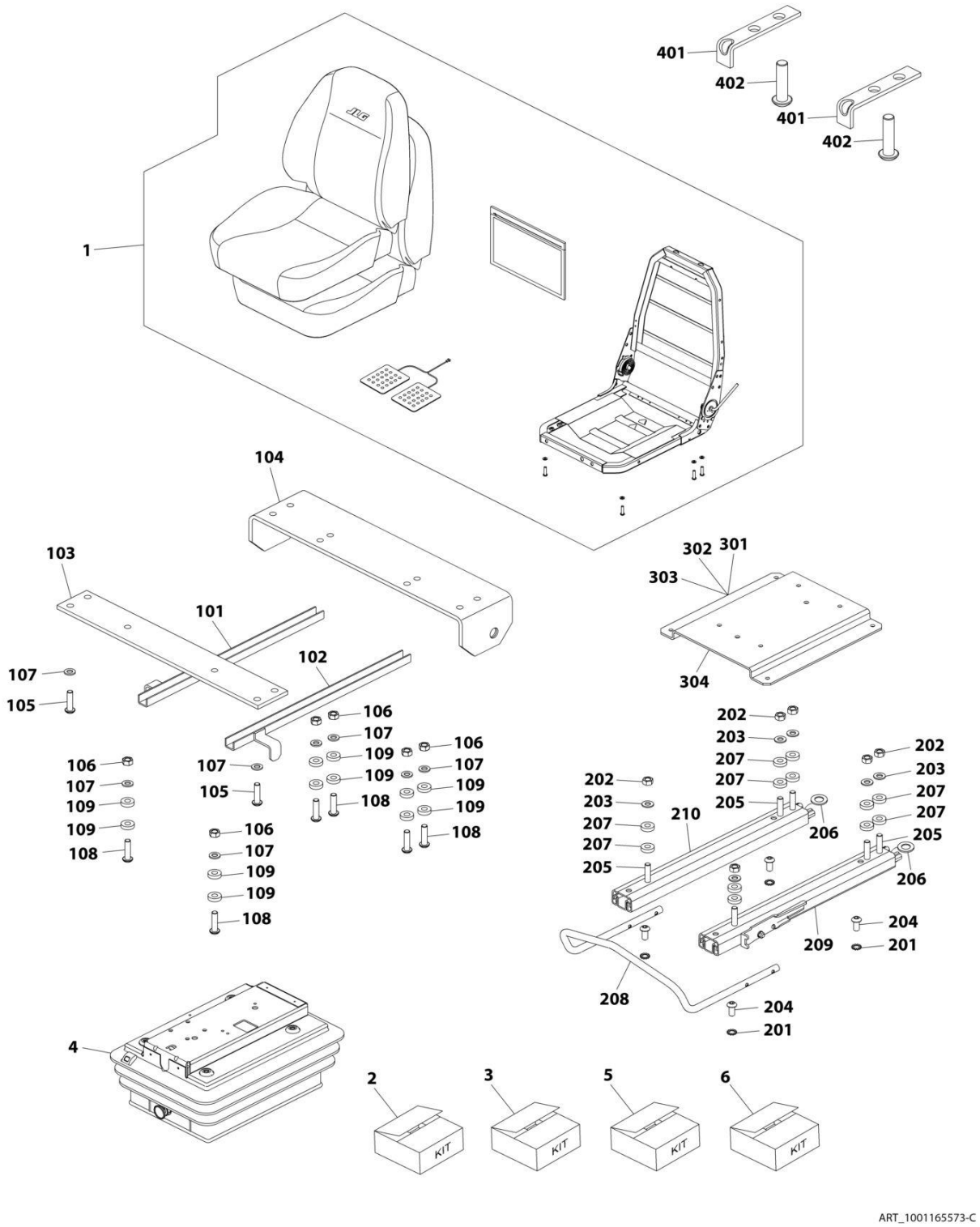


FIGURE 6-41. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165573	Ref	Seat Assembly (Air Suspension - Standard)	C
1	70027392	1	Assembly, Upper Seat (See Separate Breakdown in this Section)	
2	70021317	1	Kit, Cross Strap (includes items 101 thru 109)	
3	70021318	1	Kit, Fore and Aft Adjustment (includes items 201 thru 210)	
4	70021319	1	Kit, Suspension (See Separate Breakdown in this Section)	
5	70027395	1	Kit, Adapter Plate (includes items 301 thru 304)	
6	70021322	1	Kit, Slide Rail Stop (includes items 401 & 402)	
101	N.S.S.	1	Channel	
102	N.S.S.	1	Channel	
103	N.S.S.	1	Plate, Strap	
104	N.S.S.	1	Plate, Strap	
105	N.S.S.	4	Bolt, M8X25	
106	N.S.S.	6	Nut, M8	
107	N.S.S.	10	Washer	
108	N.S.S.	6	Bolt, M8X30	
109	N.S.S.	12	Spacer	
201	N.S.S.	4	Washer, Spring M8	
202	N.S.S.	1	Nut, M8	
203	N.S.S.	1	Washer	
204	N.S.S.	1	Bolt, M8X16	
205	N.S.S.	1	Bolt, M8X30	
206	N.S.S.	1	Washer	
207	N.S.S.	1	Spacer	
208	N.S.S.	1	Handle	
209	N.S.S.	1	Rail, Slide	
210	N.S.S.	1	Rail, Slide	
301	N.S.S.	1	Bolt, M8X25	
302	N.S.S.	1	Bolt, M8X16	
303	N.S.S.	1	Washer	
304	N.S.S.	1	Plate, Adapter	
401	N.S.S.	1	Stop, Sliderail	
402	N.S.S.	1	Bolt, M8X16	

FIGURE 6-42. SEAT INSTALLATION (PREMIUM)

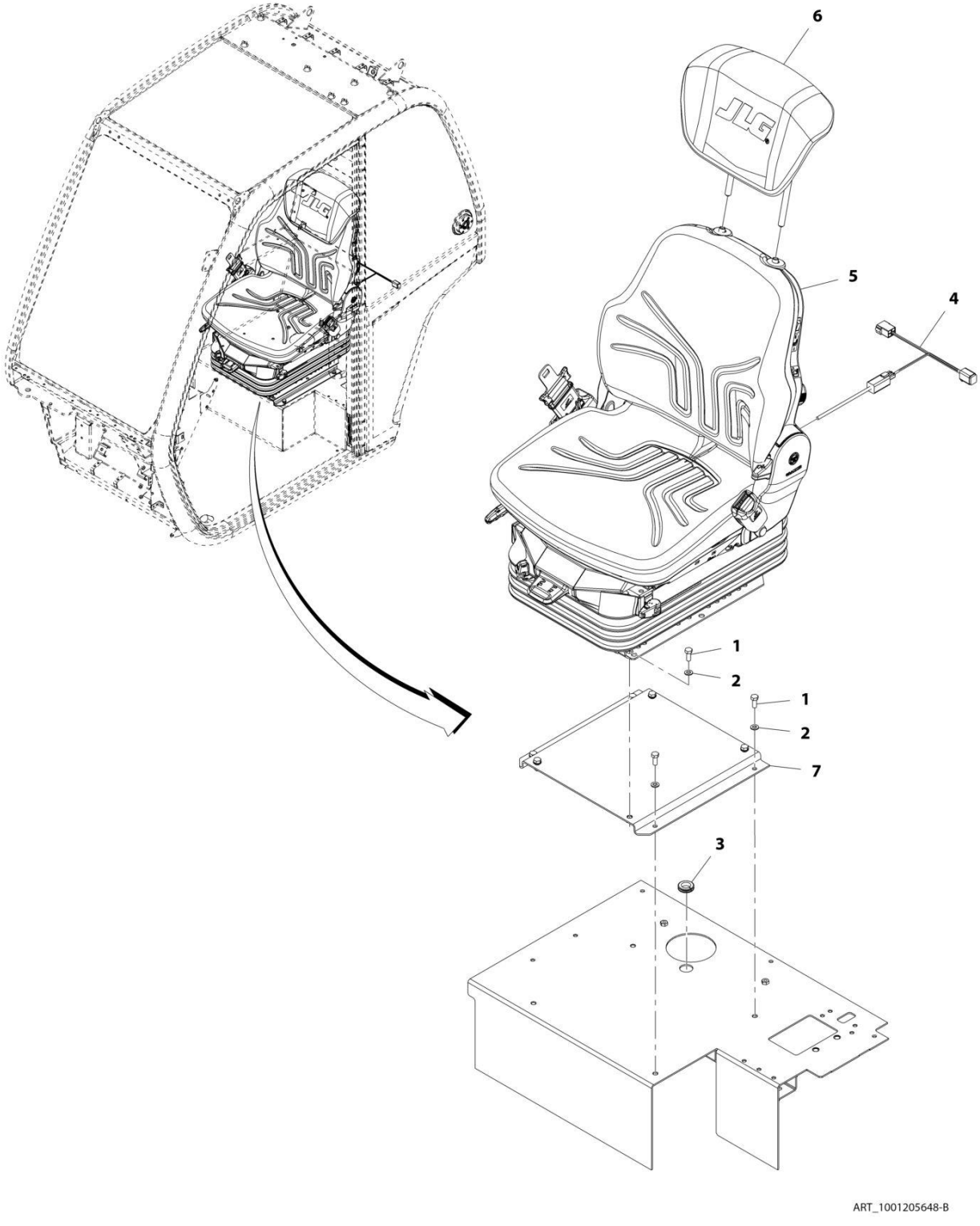


FIGURE 6-42. SEAT INSTALLATION (PREMIUM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205648	1	Installation, Seat (Premium)	B
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001216974	1	Grommet	
4	1001168531	1	Harness, Seat Adaptor (See Separate Breakdown in this Section)	
5	1001169135	1	Assembly, Seat (See Separate Breakdown in this Section)	
6	1001182529	1	Headrest	
7	1001158736C	1	Plinth, Seat	

FIGURE 6-43. UPPER SEAT ASSEMBLY

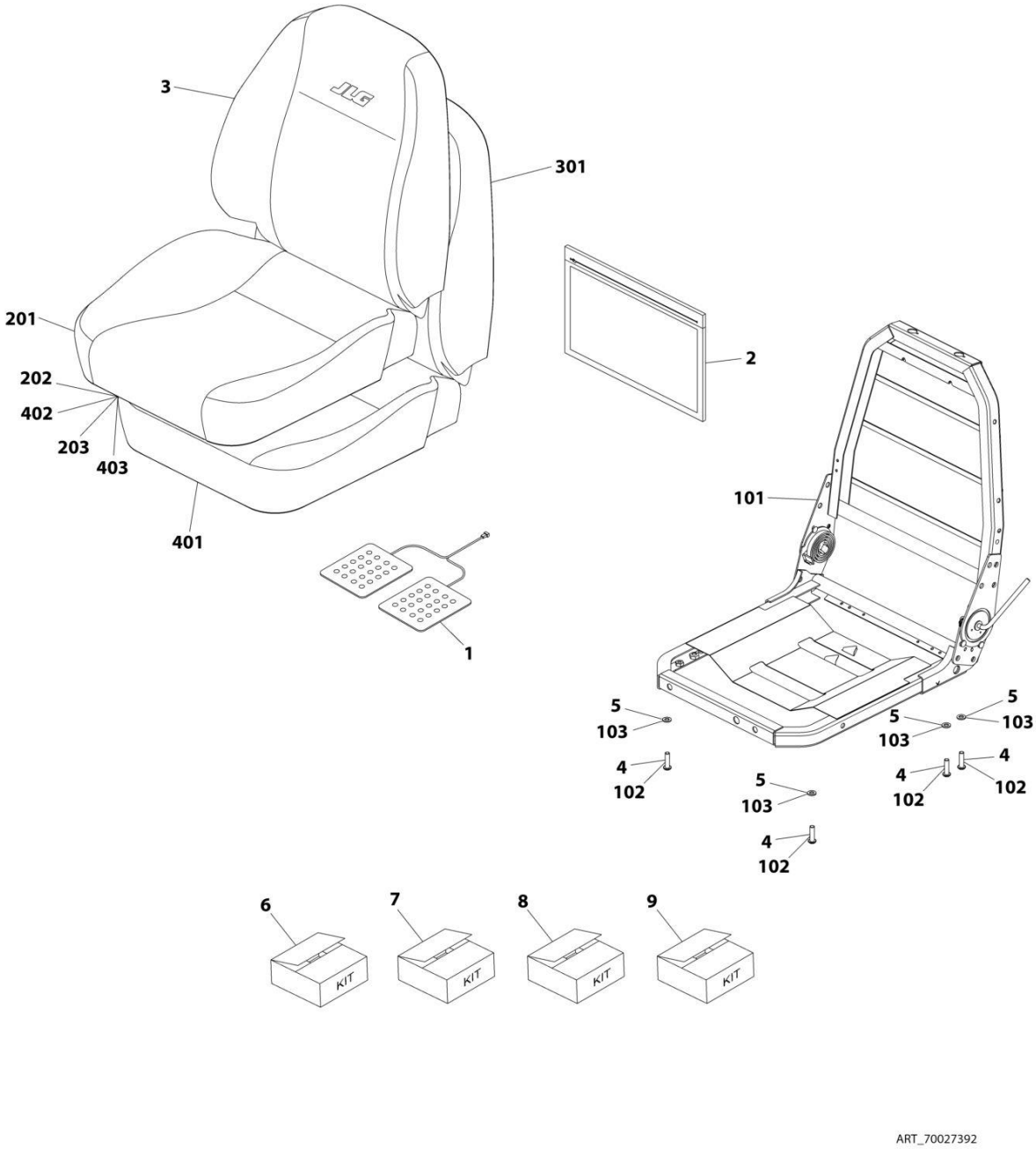


FIGURE 6-43. UPPER SEAT ASSEMBLY

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

FIGURE 6-44. UPPER SEAT ASSEMBLY

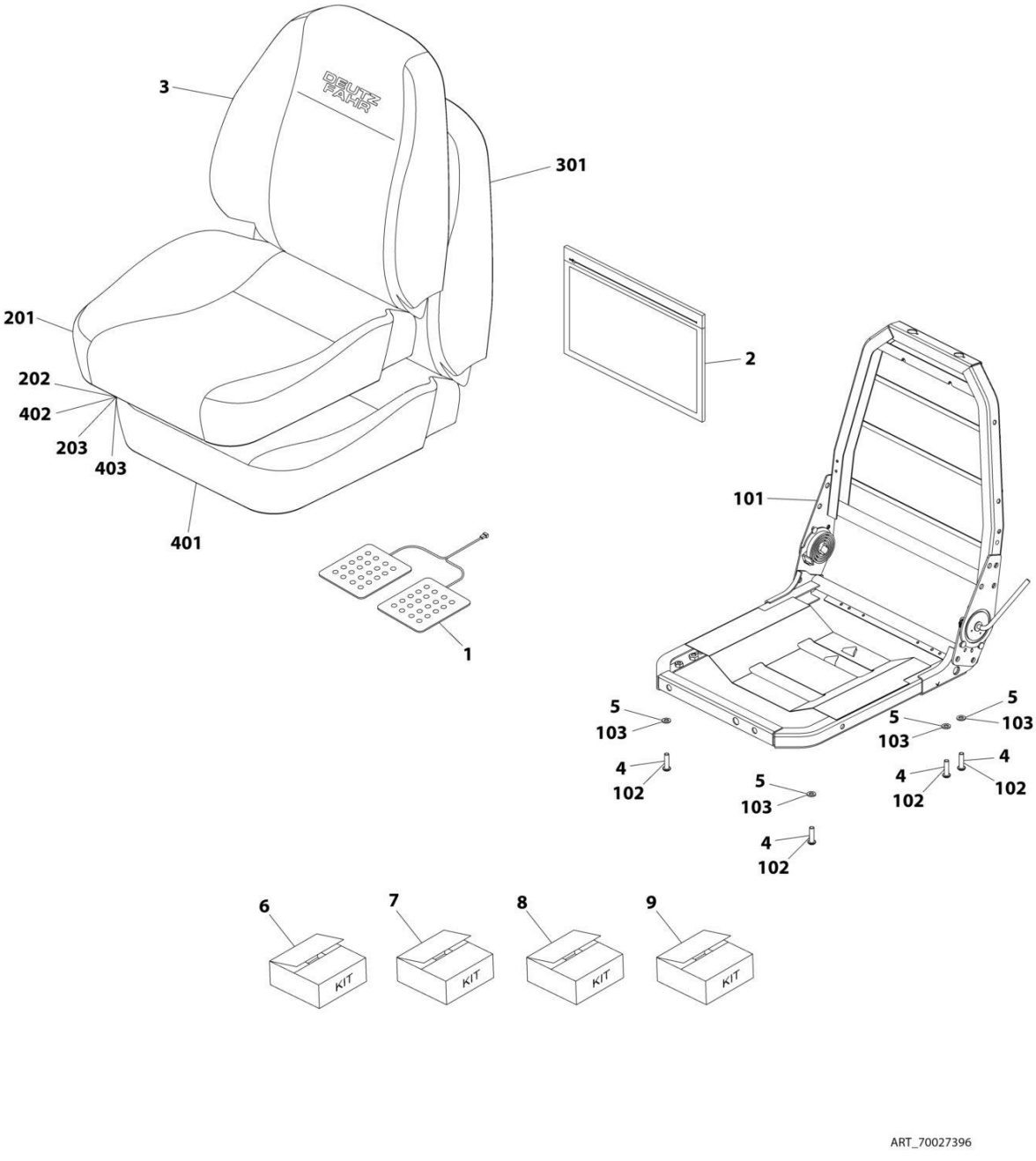


FIGURE 6-44. UPPER SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027396	Ref	Upper Seat Assembly	
1	70025539	1	Pad, Sensor	
2	70021316	1	Bag	
3	70027397	1	Cover, Back	
4	N.S.S.	4	Bolt, M8X25	
5	N.S.S.	4	Washer	
6	70021314	1	Kit, Frame (includes items 101 thru 103)	
7	70027394	1	Kit, Bottom Seat Cover (includes items 201 thru 203)	
8	80264002	1	Kit, Back Foam (includes items 301 thru 303)	
9	80264004	1	Kit, Seat Foam (includes items 401 thru 403)	
101	N.S.S.	1	Frame	
102	N.S.S.	4	Bolt, M8X25	
103	N.S.S.	4	Washer	
201	N.S.S.	1	Cover, Seat	
202	N.S.S.	2	Clip	
203	N.S.S.	17	Clip	
301	N.S.S.	1	Foam, Back	
302	N.S.S.	3	Bar, Trim	
303	N.S.S.	4	Ring	
401	N.S.S.	1	Foam, Seat	
402	N.S.S.	2	Clip	
403	N.S.S.	17	Clip	

FIGURE 6-45. SUSPENSION KIT

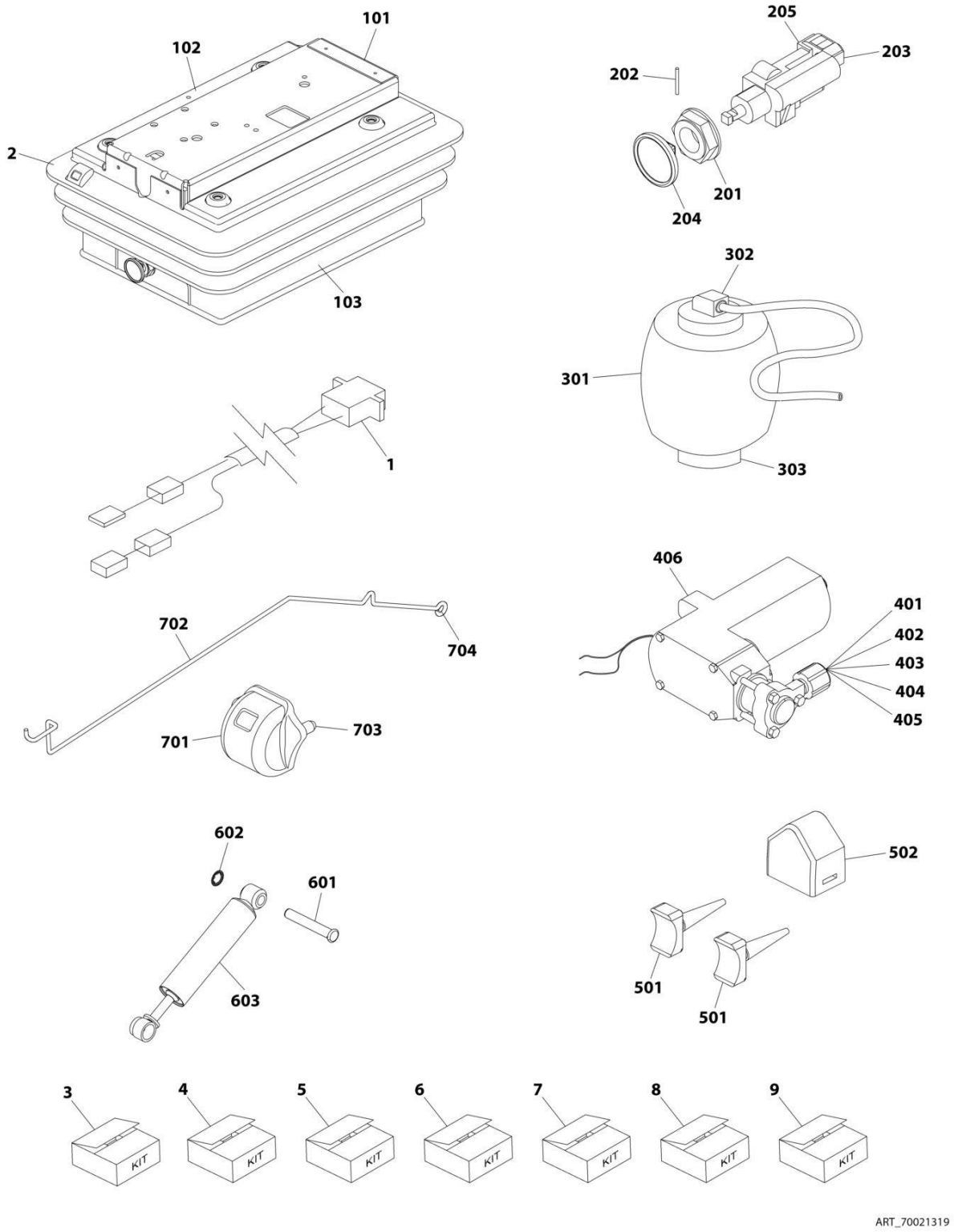


FIGURE 6-45. SUSPENSION KIT

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

FIGURE 6-46. SEAT BELT INSTALLATION (2IN)

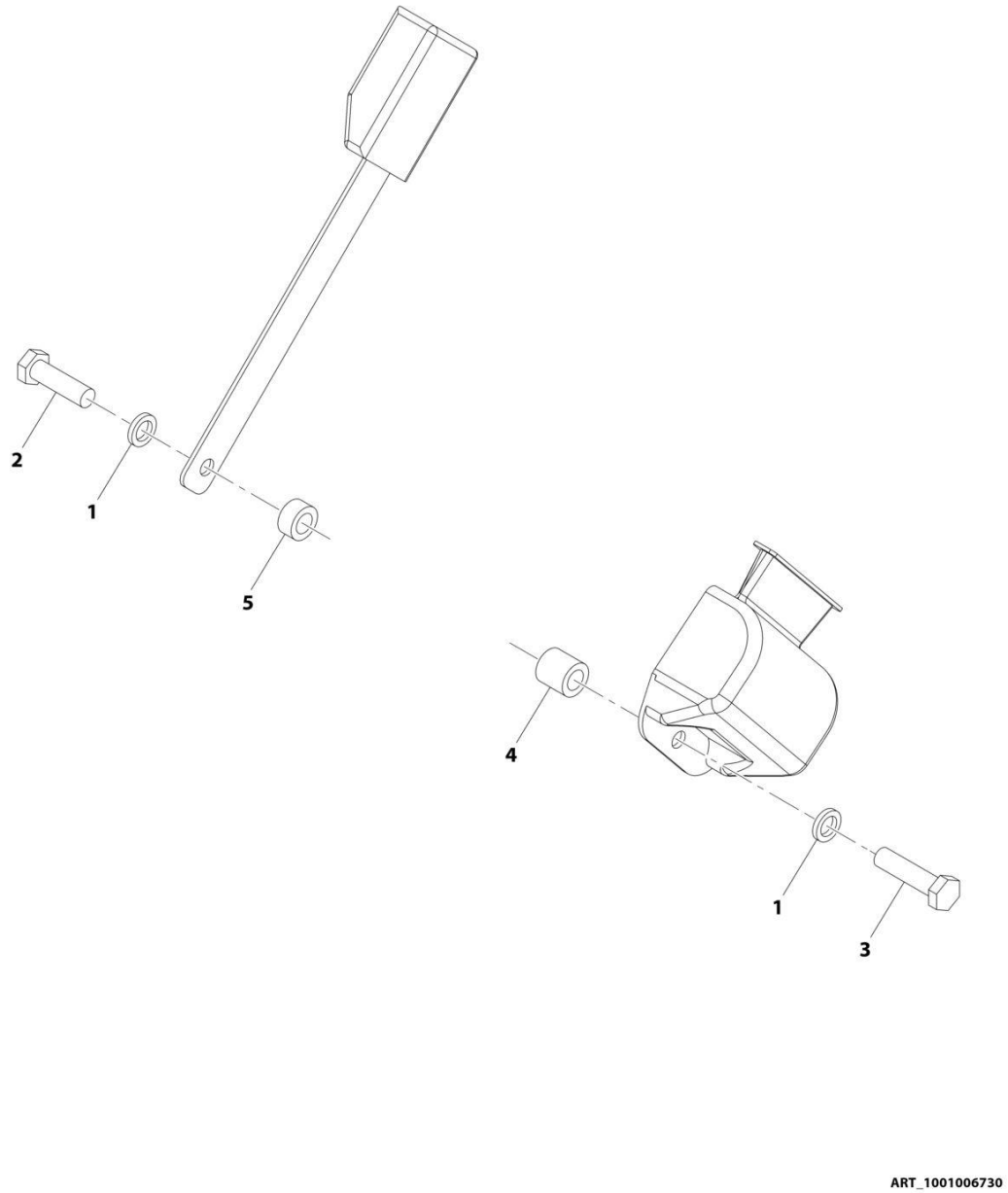


FIGURE 6-46. SEAT BELT INSTALLATION (2IN)

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

FIGURE 6-47. SEAT BELT INSTALLATION (3IN)

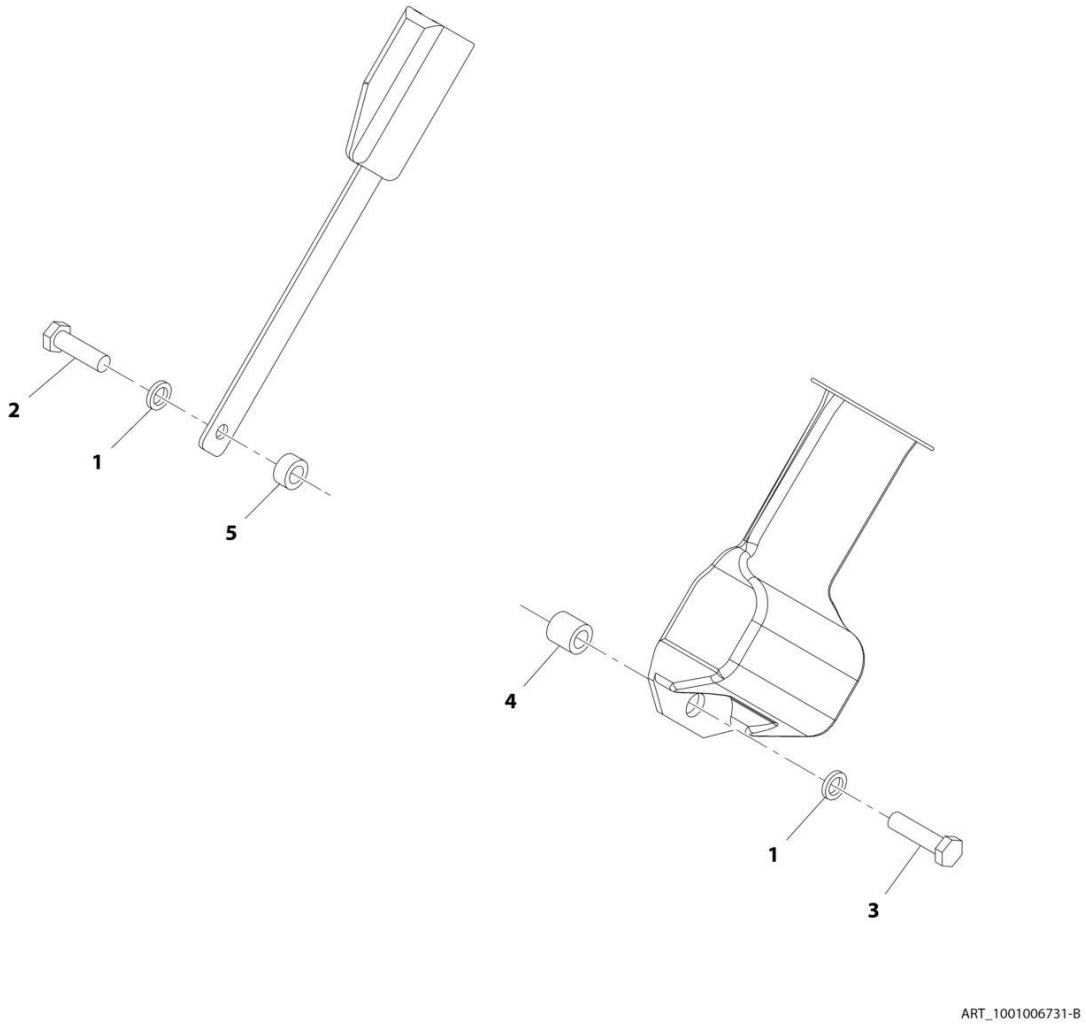


FIGURE 6-47. SEAT BELT INSTALLATION (3IN)

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

FIGURE 6-48. HEATER INSTALLATION (Prior to SN 1160008371)

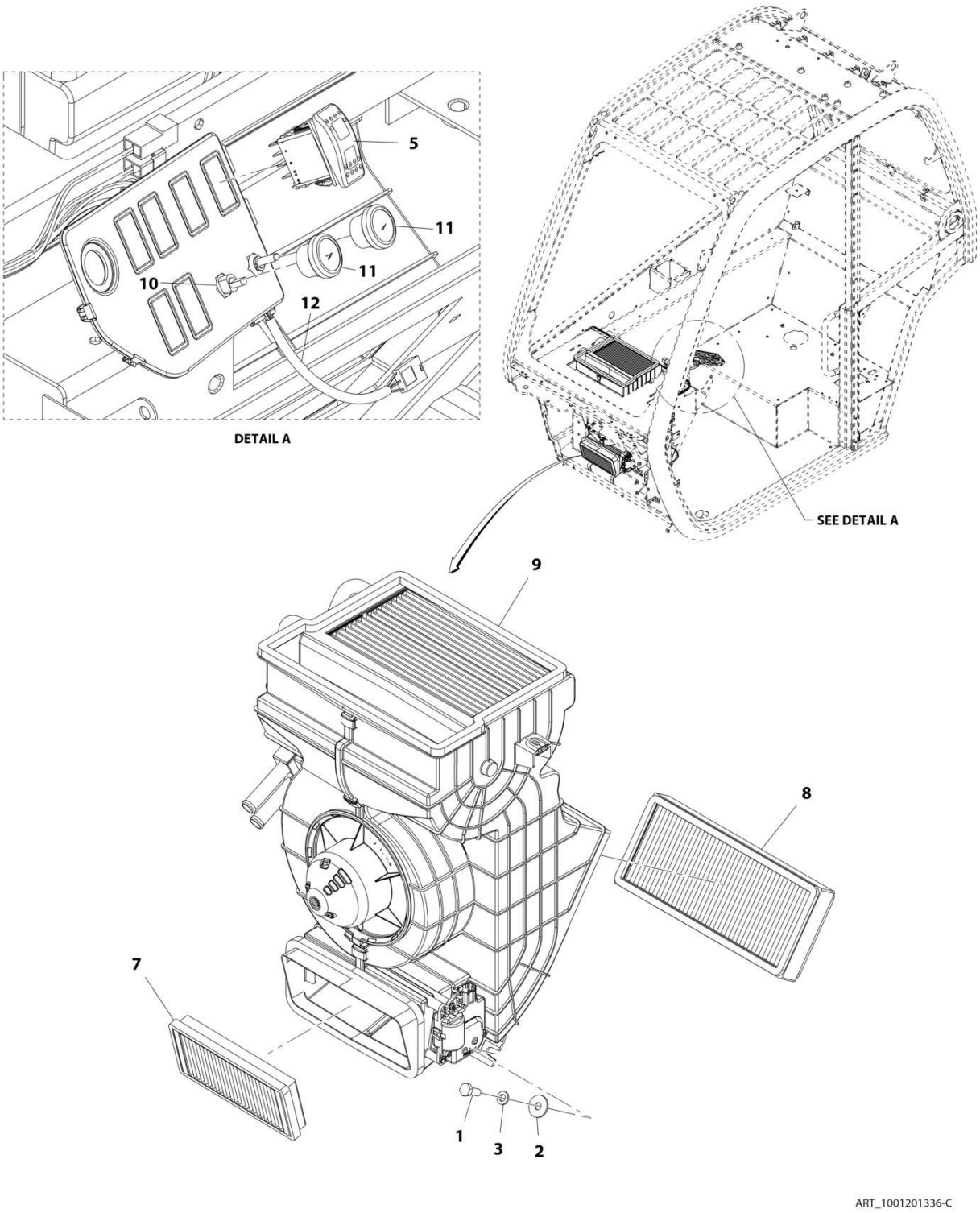


FIGURE 6-48. HEATER INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201336	Ref	Heater Installation	C
1	0760810	2	Bolt, M8X20	
2	4811902	2	Washer, M8	
3	4831900	2	Washer, Lock M8	
5	1001159925	1	Switch, HVAC Recycle	
7	1001172546	1	Filter, HVAC Air	
8	1001172553	1	Filter, HVAC Recirculation Air	
9	1001201498	1	Assembly, Heater (See Separate Breakdown in this Section)	
10	1001172547	1	Switch	
11	1001172550	2	Knob, HVAC	
12	1001172552	1	Cable, HVAC	

FIGURE 6-49. HEATER INSTALLATION (SN 1160008371 to Present)

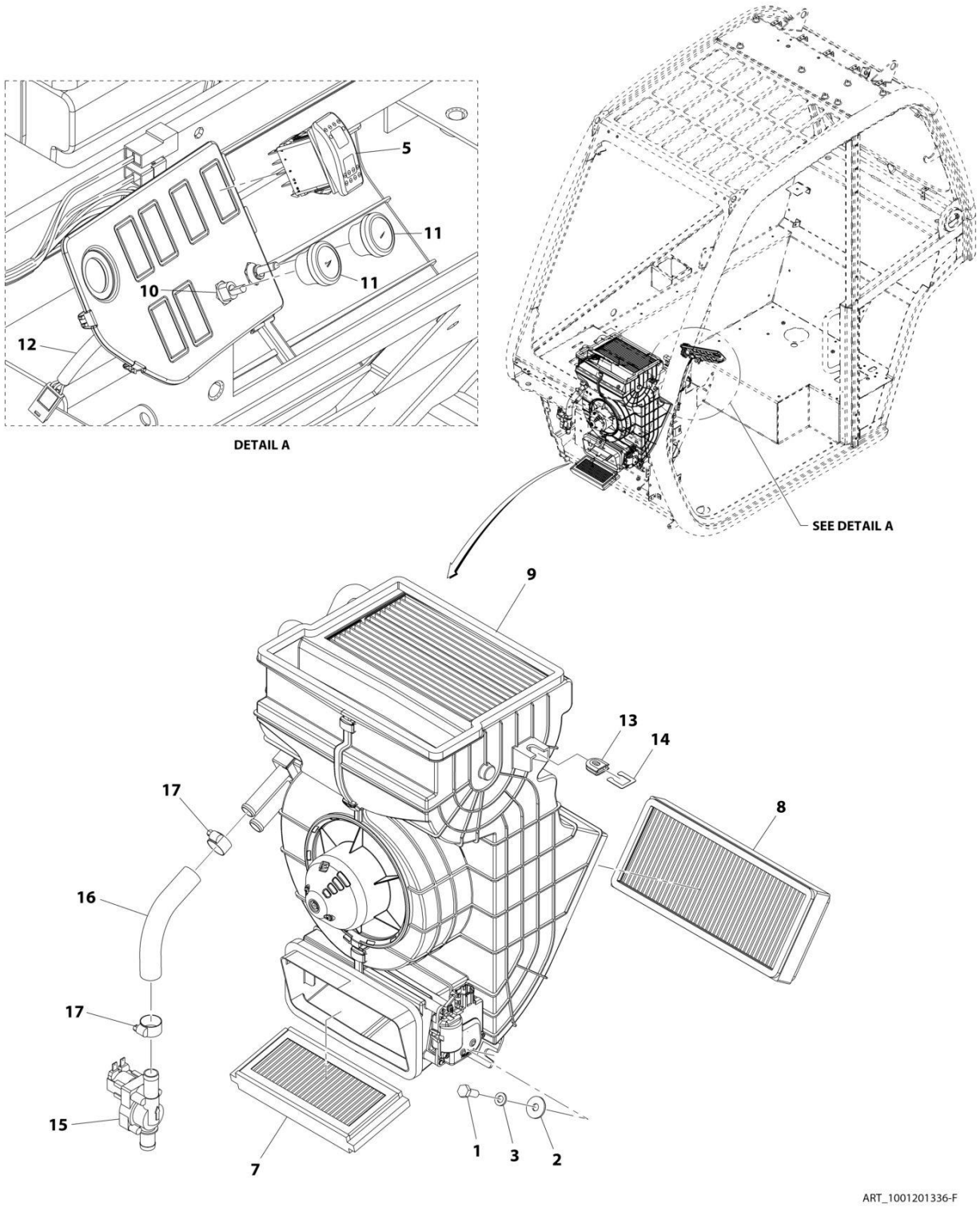
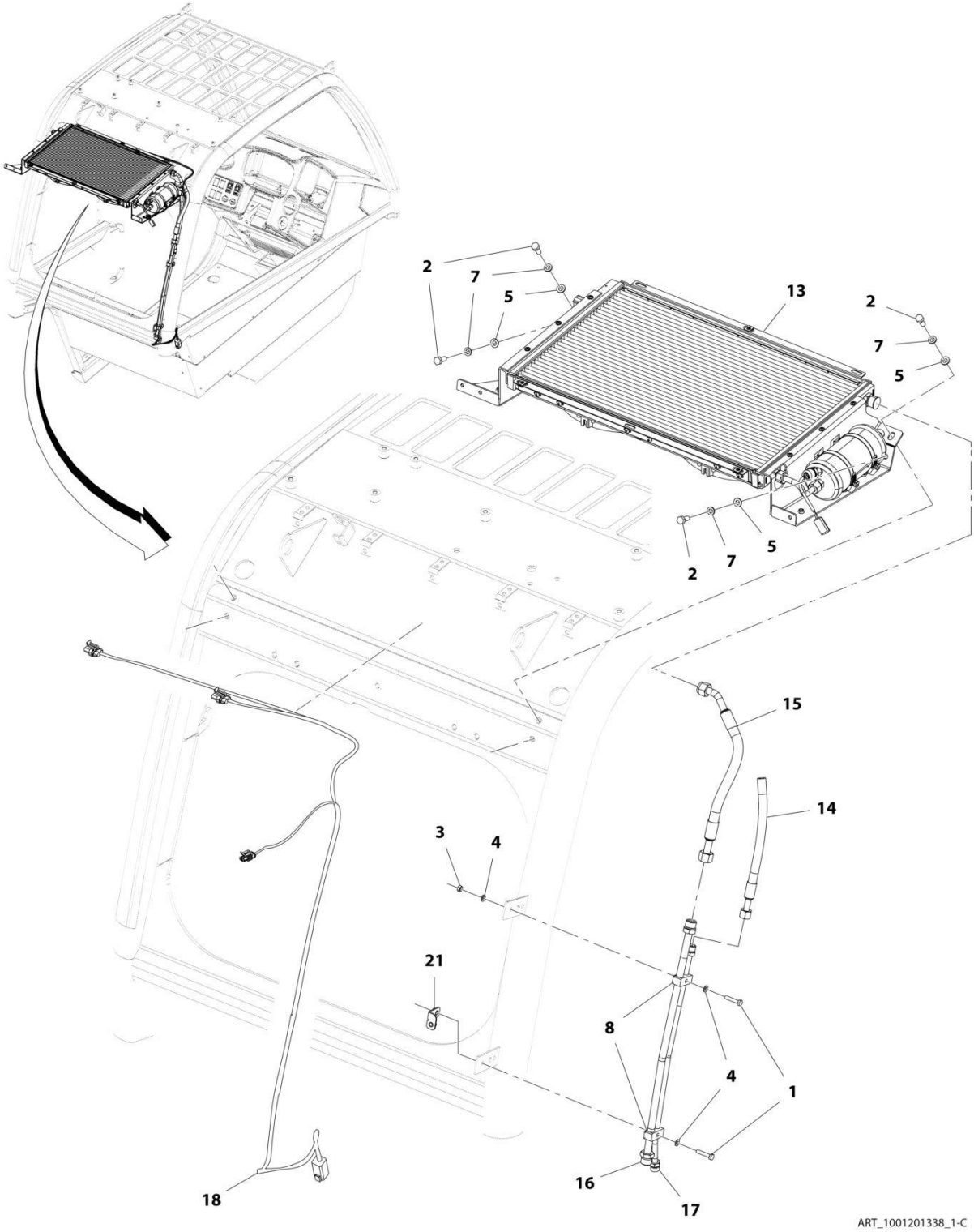


FIGURE 6-49. HEATER INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201336	Ref	Heater Installation	F
1	0760810	2	Bolt, M8X20	
2	4811902	2	Washer, M8	
3	4831900	2	Washer, Lock M8	
5	1001159925	1	Switch, HVAC Recycle	
7	1001218996	1	Filter, HVAC Air	
8	1001172553	1	Filter, HVAC Recirculation Air	
9	1001221053	1	Assembly, Heater (See Separate Breakdown in this Section)	
10	1001172547	1	Switch	
11	1001172550	2	Knob, HVAC	
12	1001218529	1	Cable, HVAC	
13	1001188590	2	Grommet	
14	1001218542	2	Shim	
15	1001221059	1	Valve, Cab	
16	1001221259	1	Hose	
17	8410009	2	Gear Clamp	

FIGURE 6-50. HEATER AND A/C INSTALLATION (Prior to SN 1160008371)



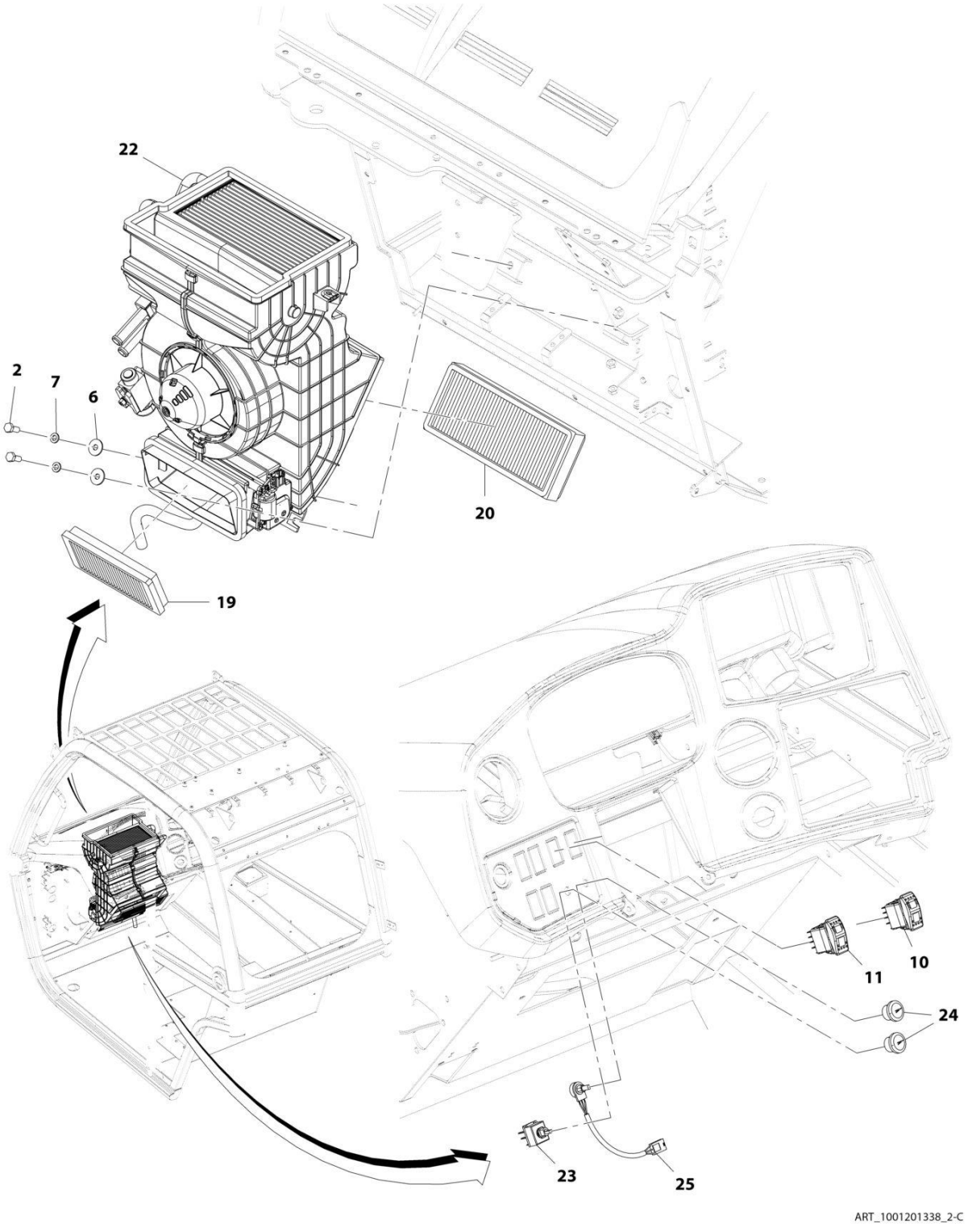
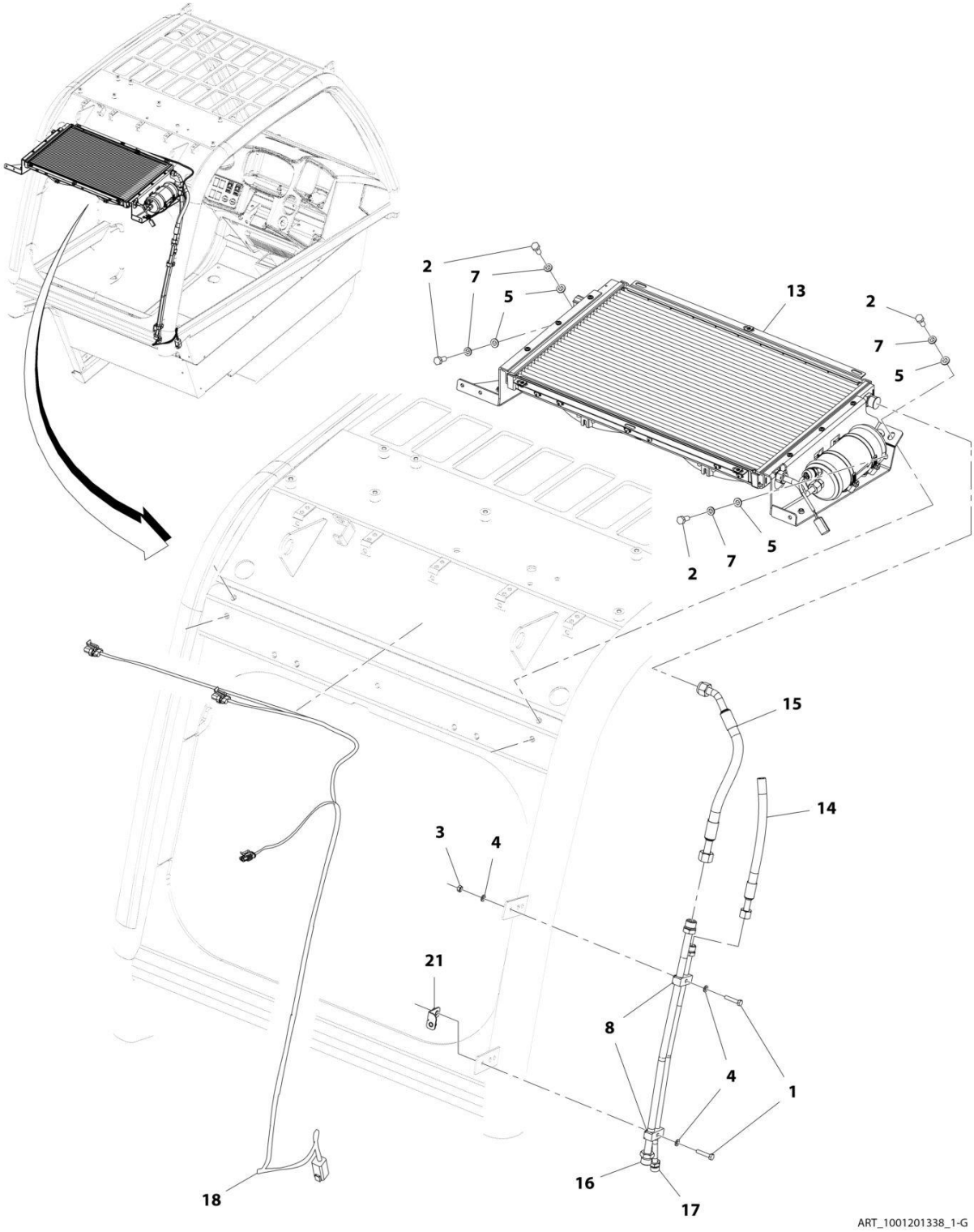

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ART_1001201338_2-C

FIGURE 6-50. HEATER AND A/C INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201338	Ref	Heater and A/C Installation	C
1	0700614	2	Bolt, M6X30	
2	0760810	6	Bolt, M8X20	
3	3290601	1	Nut, M6X1	
4	4811700	3	Washer, M6	
5	4811900	4	Washer, M8	
6	4811902	2	Washer, M8	
7	4831900	6	Washer, Lock M8	
8	1001145539	2	Support, Pipe	
10	1001159925	1	Switch, HVAC Recycle	
11	1001160326	1	Switch, HVAC On/Off	
13	1001162953	1	Assembly, Cab Condenser (See Separate Breakdown in this Section)	
14	1001168327	1	Hose	
15	1001168330	1	Hose	
16	1001168331	1	Tube	
17	1001168456	1	Tube	
18	1001169151	1	Harness, A/C Option (See Separate Breakdown in ELECTRICAL Section)	
19	1001172546	1	Filter, HVAC Fresh Air	
20	1001172553	1	Filter, HVAC Air Recirculation	
21	1001178170	1	Bracket	
22	1001201497	1	Assembly, Heater and A/C (See Separate Breakdown in this Section)	
23	1001172547	1	Switch, HVAC Rotary 3 Speed	
24	1001172550	2	Knob, HVAC Control	
25	1001172552	1	Cable, HVAC	

FIGURE 6-51. HEATER AND A/C INSTALLATION (SN 1160008371 to Present)



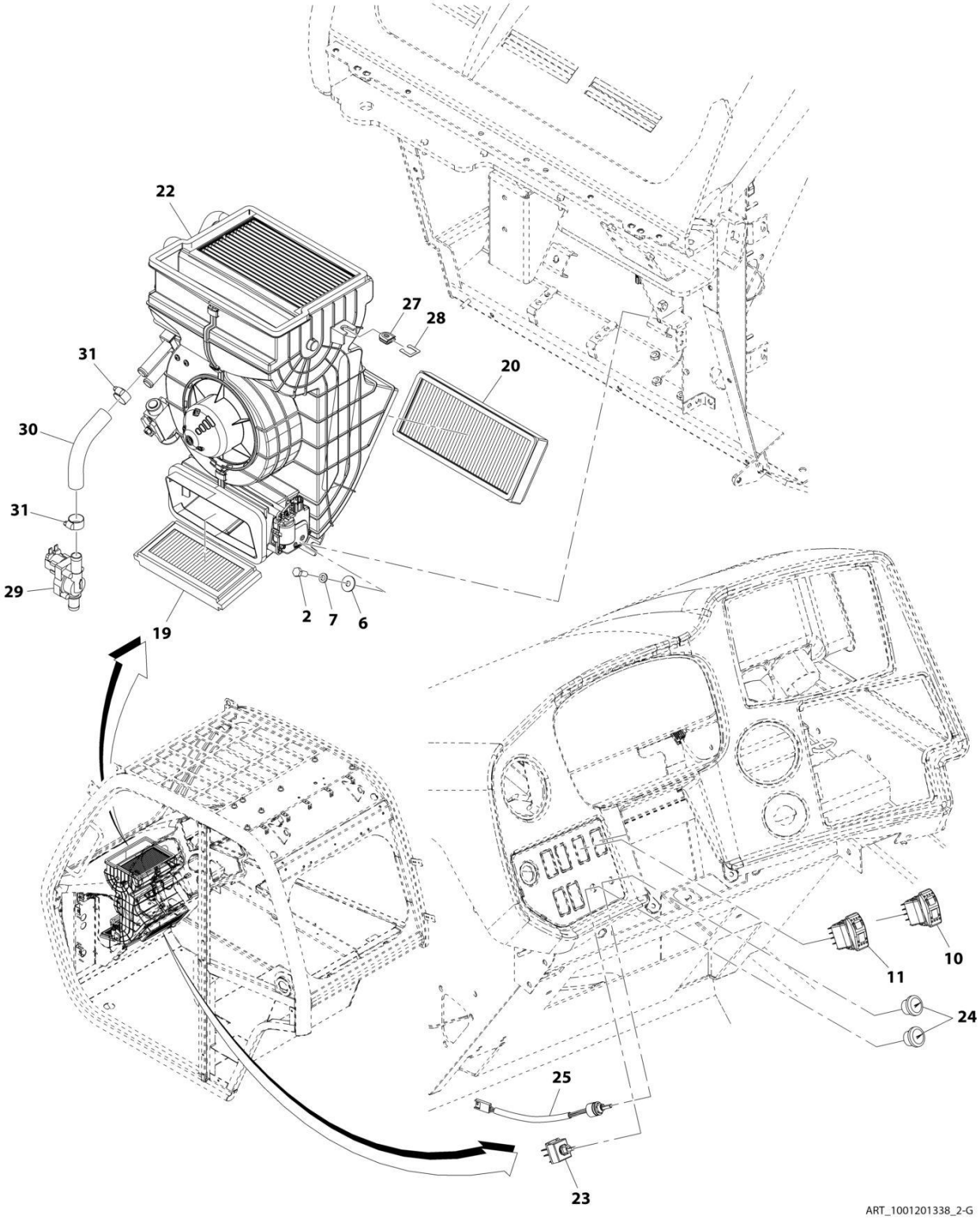
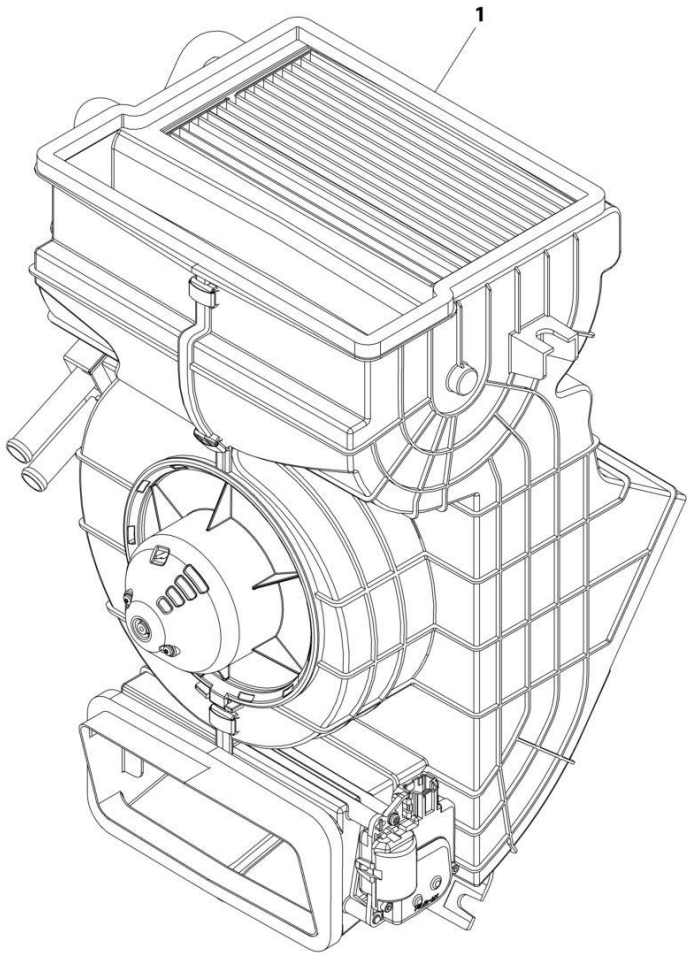

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ART_1001201338_2-G

FIGURE 6-51. HEATER AND A/C INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201338	Ref	Heater and A/C Installation	G
1	0700614	2	Bolt, M6X30	
2	0760810	6	Bolt, M8X20	
3	3290601	1	Nut, M6X1	
4	4811700	3	Washer, M6	
5	4811900	4	Washer, M8	
6	4811902	2	Washer, M8	
7	4831900	6	Washer, Lock M8	
8	1001145539	2	Support, Pipe	
10	1001159925	1	Switch, HVAC Recycle	
11	1001160326	1	Switch, HVAC On/Off	
13	1001162953	1	Assembly, Cab Condenser (See Separate Breakdown in this Section)	
14	1001168327	1	Hose	
15	1001168330	1	Hose	
16	1001168331	1	Tube	
17	1001168456	1	Tube	
18	1001169151	1	Harness, A/C Option (See Separate Breakdown in ELECTRICAL Section)	
19	1001218996	1	Filter, HVAC Fresh Air	
20	1001172553	1	Filter, HVAC Air Recirculation	
21	1001178170	1	Bracket	
22	1001221055	1	Assembly, Heater and A/C (See Separate Breakdown in this Section)	
23	1001172547	1	Switch, HVAC Rotary 3 Speed	
24	1001172550	2	Knob, HVAC Control	
25	1001218529	1	Cable, HVAC	
27	1001188590	2	Grommet	
28	1001218542	2	Shim	
29	1001221059	1	Valve, Cab	
30	1001221295	1	Hose	
31	8410009	2	Clamp	

FIGURE 6-52. HEATER ASSEMBLY (Prior to SN 1160008371)

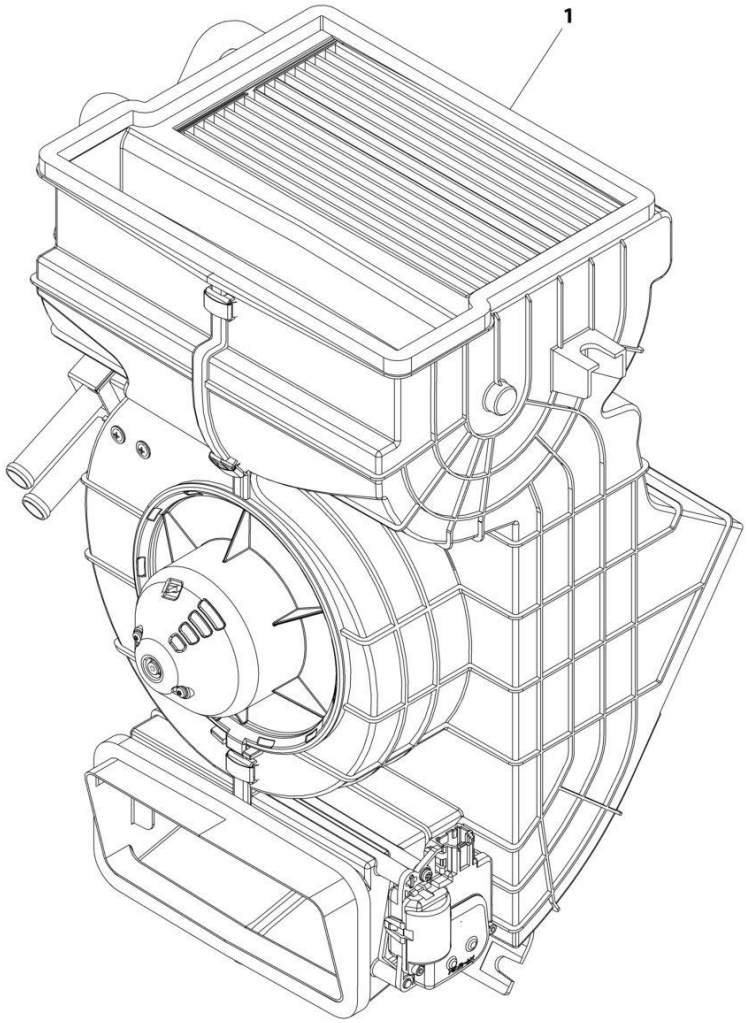


ART_1001201498-C

FIGURE 6-52. HEATER ASSEMBLY (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201498	Ref	Heater Assembly	C
1	1001152908	1	Heater (See Separate Breakdown in this Section)	

FIGURE 6-53. HEATER ASSEMBLY (SN 1160008371 to Present)

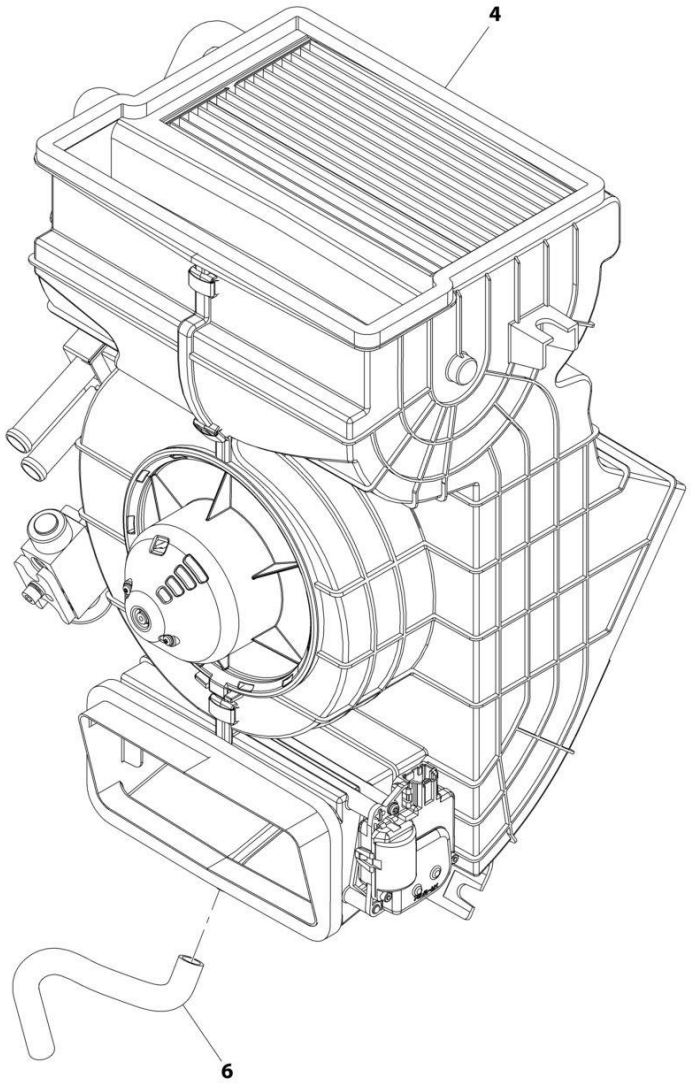


ART_1001221053-A

FIGURE 6-53. HEATER ASSEMBLY (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221053	Ref	Heater Assembly	A
1	1001221052	1	Heater (See Separate Breakdown in this Section)	

FIGURE 6-54. HEATER AND A/C ASSEMBLY (Prior to SN 1160008371)

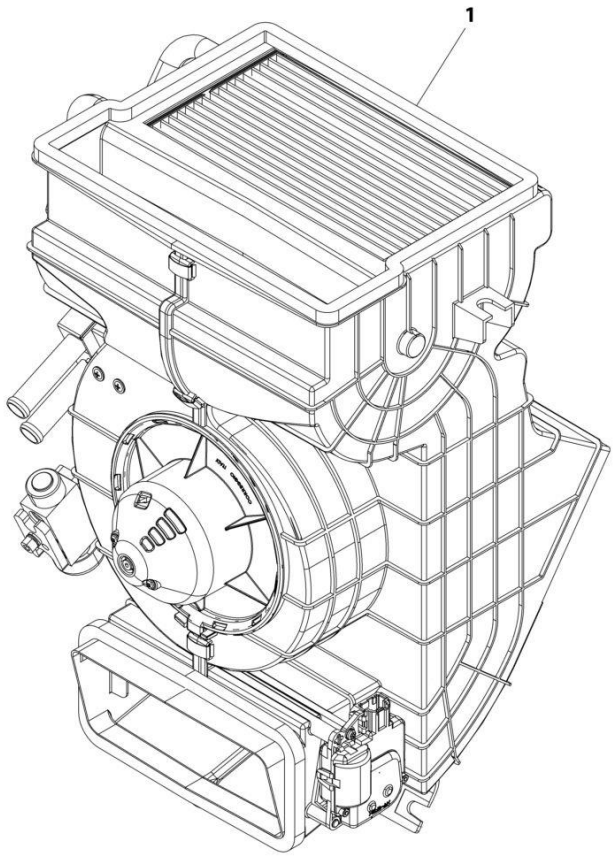


ART_1001201497-E

FIGURE 6-54. HEATER AND A/C ASSEMBLY (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201497	Ref	Heater and A/C Assembly	E
4	1001188275	1	Heater and AC (See Separate Breakdown in this Section)	
6	1001161865	1	Hose	

FIGURE 6-55. HEATER AND A/C ASSEMBLY (SN 1160008371 to Present)



ART_1001221055-A

FIGURE 6-55. HEATER AND A/C ASSEMBLY (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221055	Ref	Heater and A/C Assembly	A
1	1001221054	1	Heater and AC (See Separate Breakdown in this Section)	

FIGURE 6-56. HEATER

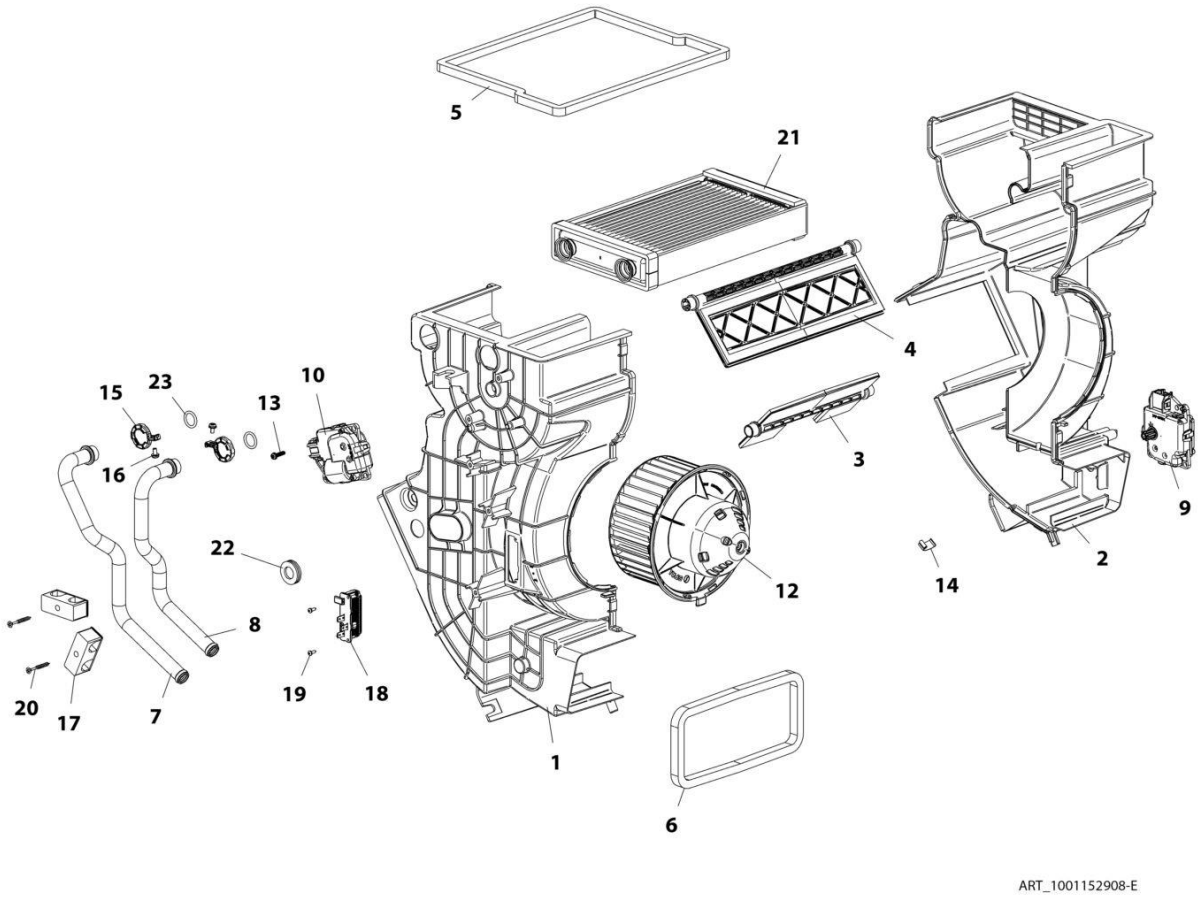


FIGURE 6-56. HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152908	NLA	Heater (no longer available, see items 1 through 23 for service or use 1001221052 for replacement)	E
1	1001166091	1	Housing, RH	
2	1001166092	1	Housing, LH	
3	1001184275	1	Flap, Recirculation with Foam	
4	1001184278	1	Flap, Mixing with Foam	
5	1001184294	1	Foam, Air Outlet	
6	1001184295	1	Foam, Air Inlet	
7	1001184296	1	Pipe, Water	
8	1001184297	1	Pipe, Water	
9	1001188577	1	Actuator, Fresh/Recirculation Air	
10	1001188578	1	Actuator, Hot/Cold	
12	1001188594	1	Fan, 12V	
13	1001188602	4	Screw	
14	1001188603	9	Clamp	
15	1001188604	2	Clamp	
16	1001188610	2	Screw	
17	1001188612	2	Clamp	
18	1001188614	1	Resistor	
19	1001188720	2	Screw	
20	1001188725	2	Screw	
21	1001188729	1	Radiator, Heater Core	
22	1001188733	1	Grommet	
23	1001189025	2	O-Ring	

FIGURE 6-57. HEATER

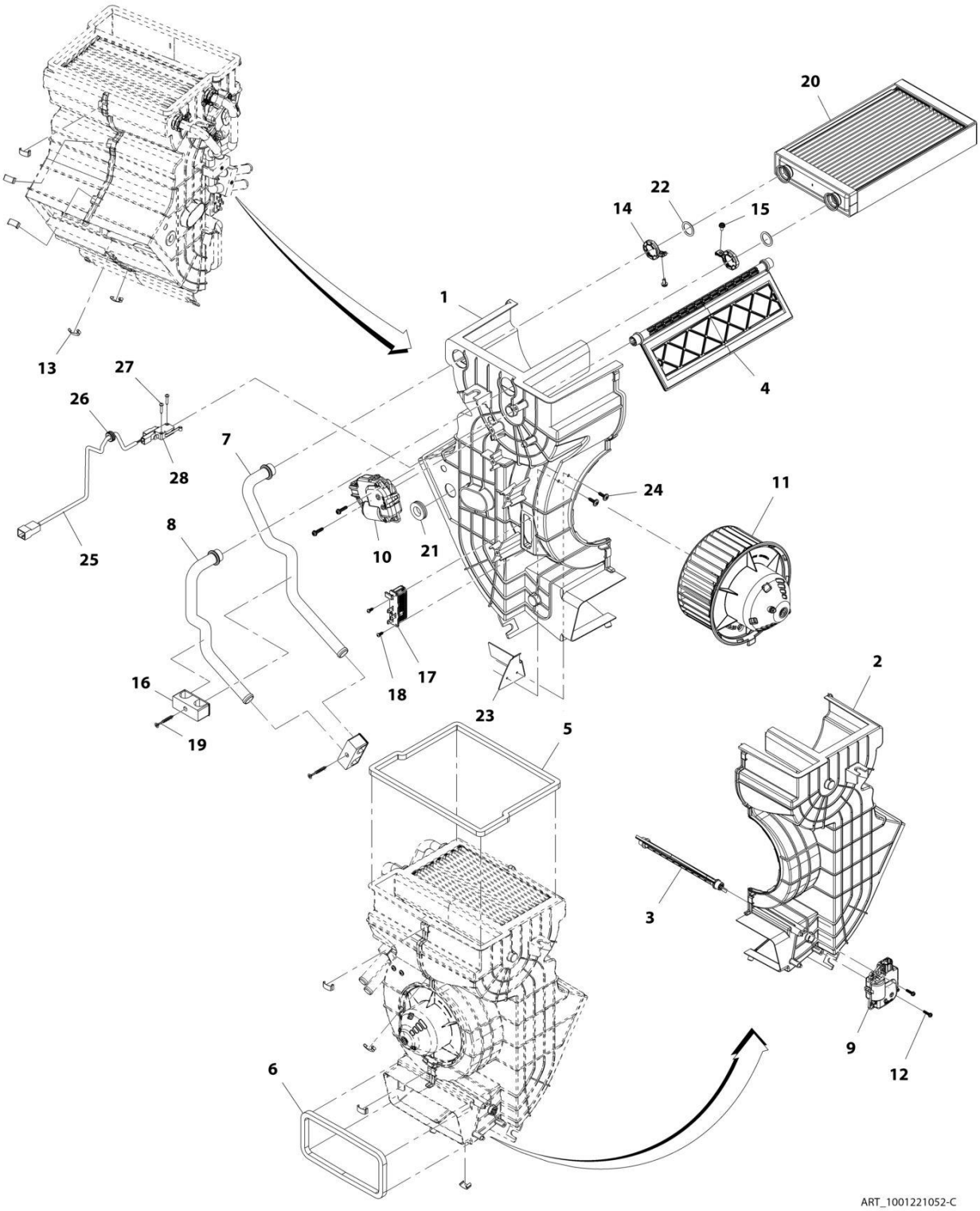


FIGURE 6-57. HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221052	Ref	Heater	D
1	1001166091	1	Housing, RH	
2	1001166092	1	Housing, LH	
3	1001184275	1	Flap, Recirculation with Foam	
4	1001184278	1	Flap, Mixing with Foam	
5	1001184294	1	Foam, Air Outlet	
6	1001184295	1	Foam, Air Inlet	
7	1001184296	1	Pipe, Water	
8	1001184297	1	Pipe, Water	
9	1001188577	1	Actuator, Fresh/Recirculation Air	
10	1001188578	1	Actuator, Hot/Cold	
11	1001188594	1	Fan, 12V	
12	1001188602	4	Screw	
13	1001188603	9	Clamp	
14	1001188604	2	Clamp	
15	1001188610	2	Screw	
16	1001188612	2	Clamp	
17	1001188614	1	Resistor	
18	1001188720	2	Screw	
19	1001188725	2	Screw	
20	1001188729	1	Radiator, Heater Core	
21	1001188733	1	Grommet	
22	1001189025	2	O-Ring	
23	1001221057	1	Plate	
24	1001221058	2	Screw	
25	1001228132	1	Harness, HVAC Sensor	
26	1001228140	1	Grommet	
27	1001228141	2	Screw	
28	1001228147	1	Valve, Water	

FIGURE 6-58. HEATER AND A/C

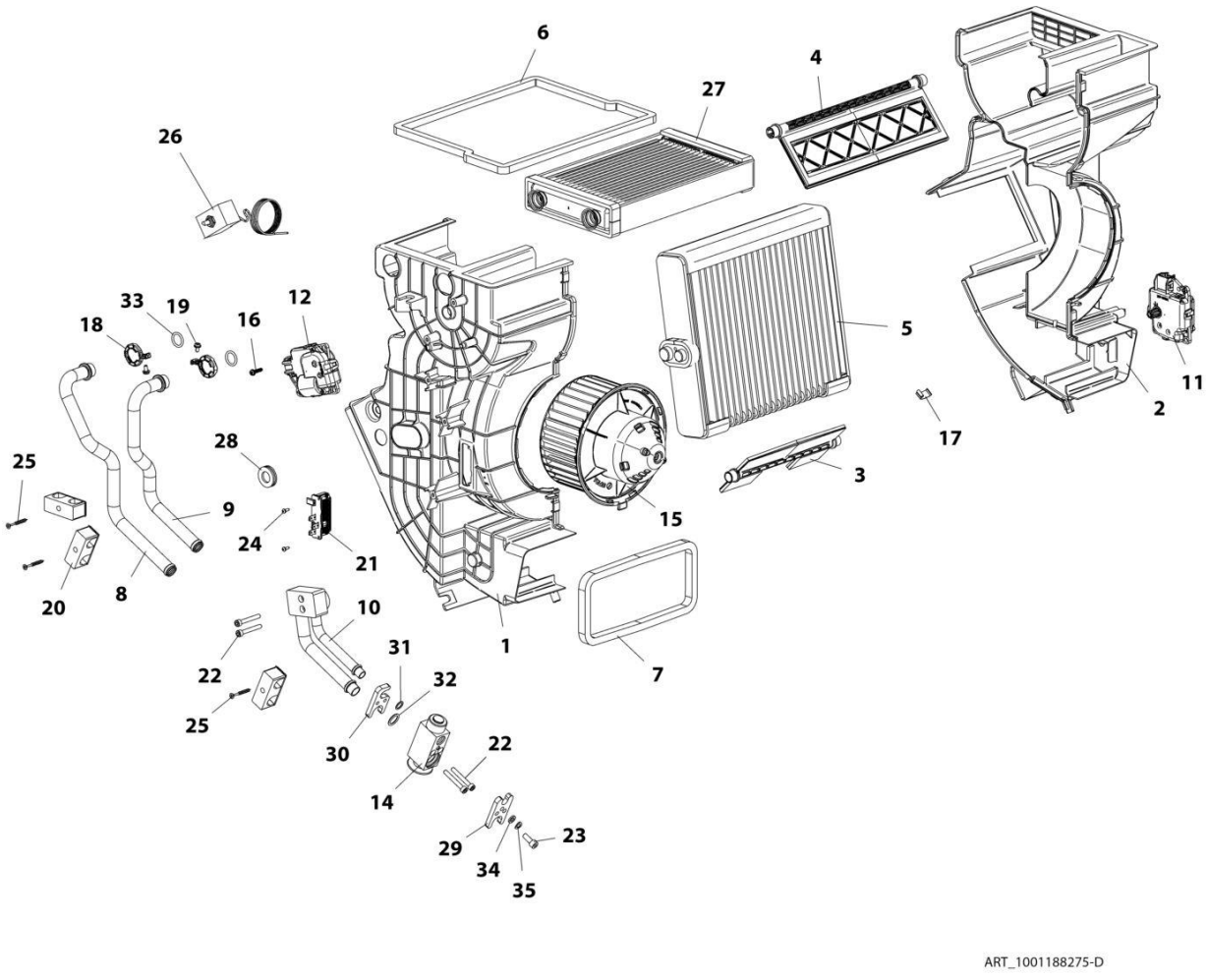


FIGURE 6-58. HEATER AND A/C

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188275	NLA	Heater and A/C (no longer available, see items 1 through 35 for service or use 1001221054 for replacement)	D
1	1001166091	1	Housing, HVAC RH	
2	1001166092	1	Housing, HVAC LH	
3	1001184275	1	Foam, Heater Flap	
4	1001184278	1	Foam, Heater Mixing Flap	
5	1001184280	1	Evaporator, Heater	
6	1001184294	1	Seal, Heater Foam	
7	1001184295	1	Seal, Air Inlet Foam	
8	1001184296	1	Pipe, Heater Water	
9	1001184297	1	Pipe, Heater Water	
10	1001184427	1	Pipe, Heater	
11	1001188577	1	Actuator, Fresh/Recirculation Air	
12	1001188578	1	Actuator, Hot/Cold Mixing	
14	1001188592	1	Valve, HVAC Expansion	
15	1001188594	1	Fan, HVAC Centrifugal 12V	
16	1001188602	4	Screw, M4	
17	1001188603	9	Clamp, HVAC Case	
18	1001188604	2	Clamp, HVAC Pipe	
19	1001188610	2	Screw, M4X0.7	
20	1001188612	3	Clamp, Pipe	
21	1001188614	1	Resistor	
22	1001188618	4	Screw, M5	
23	1001188619	1	Screw, M6	
24	1001188720	2	Screw, M2.9X9.5	
25	1001188725	3	Screw, M4X35	
26	1001188728	1	Sensor, HVAC Thermostat	
27	1001188729	1	Radiator, Heater Core	
28	1001188733	1	Grommet	
29	1001188817	1	Clamp, Hose	
30	1001188818	1	Clamp, HVAC EVAP/Valve	
31	1001189023	1	O-Ring	
32	1001189024	1	O-Ring	
33	1001189025	2	O-Ring	
34	1001189048	1	Washer	
35	1001189054	1	Washer, Spring	

FIGURE 6-59. HEATER AND A/C

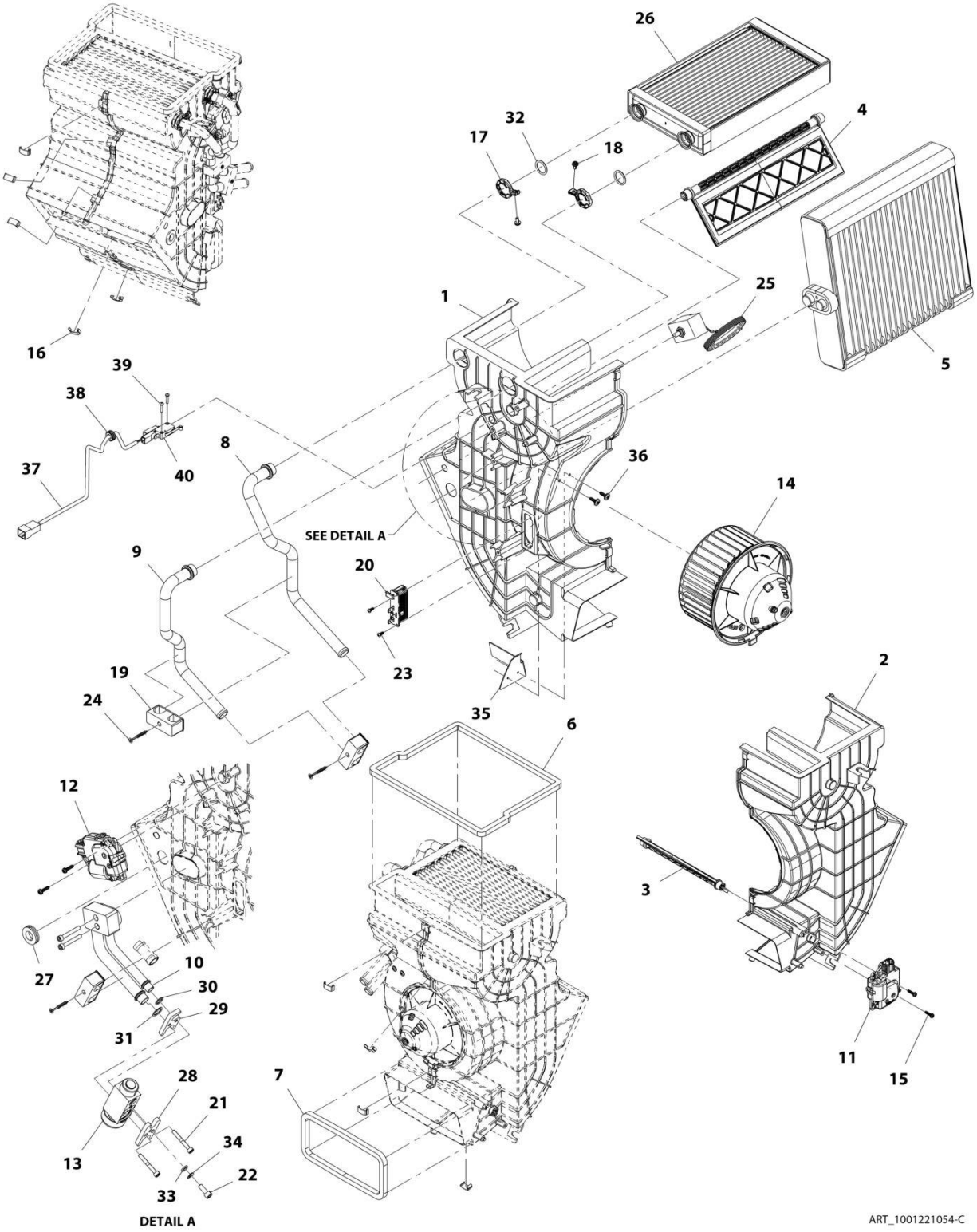


FIGURE 6-59. HEATER AND A/C

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221054	Ref	Heater and A/C	D
1	1001166091	1	Housing, HVAC RH	
2	1001166092	1	Housing, HVAC LH	
3	1001184275	1	Foam, Heater Flap	
4	1001184278	1	Foam, Heater Mixing Flap	
5	1001184280	1	Evaporator, Heater	
6	1001184294	1	Seal, Heater Foam	
7	1001184295	1	Seal, Air Inlet Foam	
8	1001184296	1	Pipe, Heater Water	
9	1001184297	1	Pipe, Heater Water	
10	1001184427	1	Pipe, Heater	
11	1001188577	1	Actuator, Fresh/Recirculation Air	
12	1001188578	1	Actuator, Hot/Cold Mixing	
13	1001188592	1	Valve, HVAC Expansion	
14	1001188594	1	Fan, HVAC Centrifugal 12V	
15	1001188602	4	Screw, M4	
16	1001188603	9	Clamp, HVAC Case	
17	1001188604	2	Clamp, HVAC Pipe	
18	1001188610	2	Screw, M4X0.7	
19	1001188612	3	Clamp, Pipe	
20	1001188614	1	Resistor	
21	1001188618	4	Screw, M5	
22	1001188619	1	Screw, M6	
23	1001188720	2	Screw, M2.9X9.5	
24	1001188725	3	Screw, M4X35	
25	1001188728	1	Sensor, HVAC Thermostat	
26	1001188729	1	Radiator, Heater Core	
27	1001188733	1	Grommet	
28	1001188817	1	Clamp, Hose	
29	1001188818	1	Clamp, HVAC EVAP/Valve	
30	1001189023	1	O-Ring	
31	1001189024	1	O-Ring	
32	1001189025	2	O-Ring	
33	1001189048	1	Washer	
34	1001189054	1	Washer, Spring	
35	1001221057	1	Plate	
36	1001221058	2	Screw	
37	1001228132	1	Harness, HVAC Sensor	
38	1001228140	1	Grommet	
39	1001228141	2	Screw	
40	1001228147	1	Valve, Water Sensor	

FIGURE 6-60. CAB CONDENSER ASSEMBLY

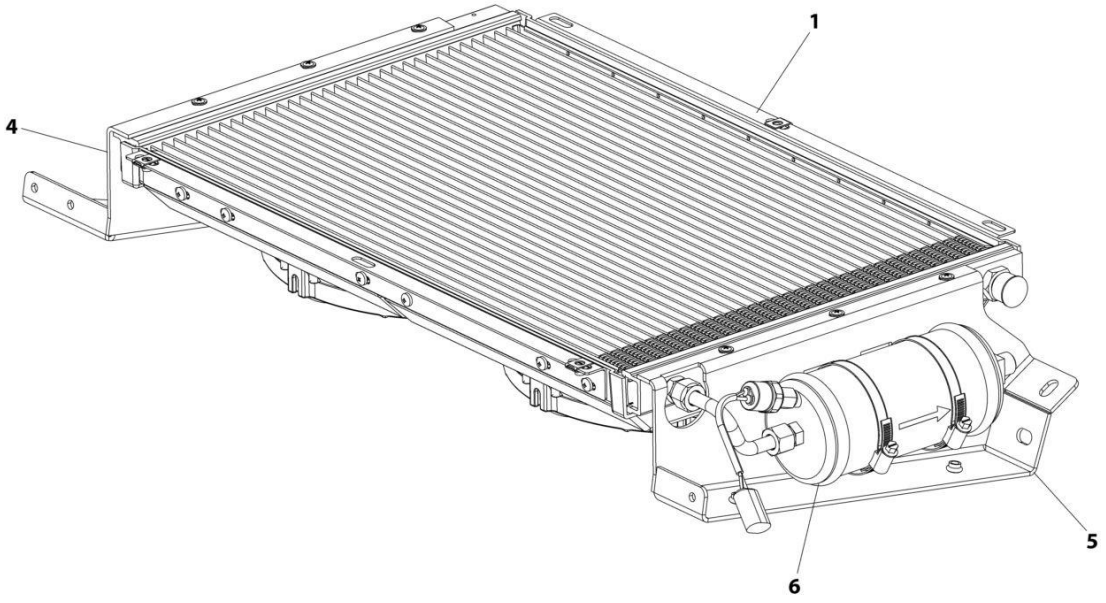


FIGURE 6-60. CAB CONDENSER ASSEMBLY

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

FIGURE 6-61. CONDENSER

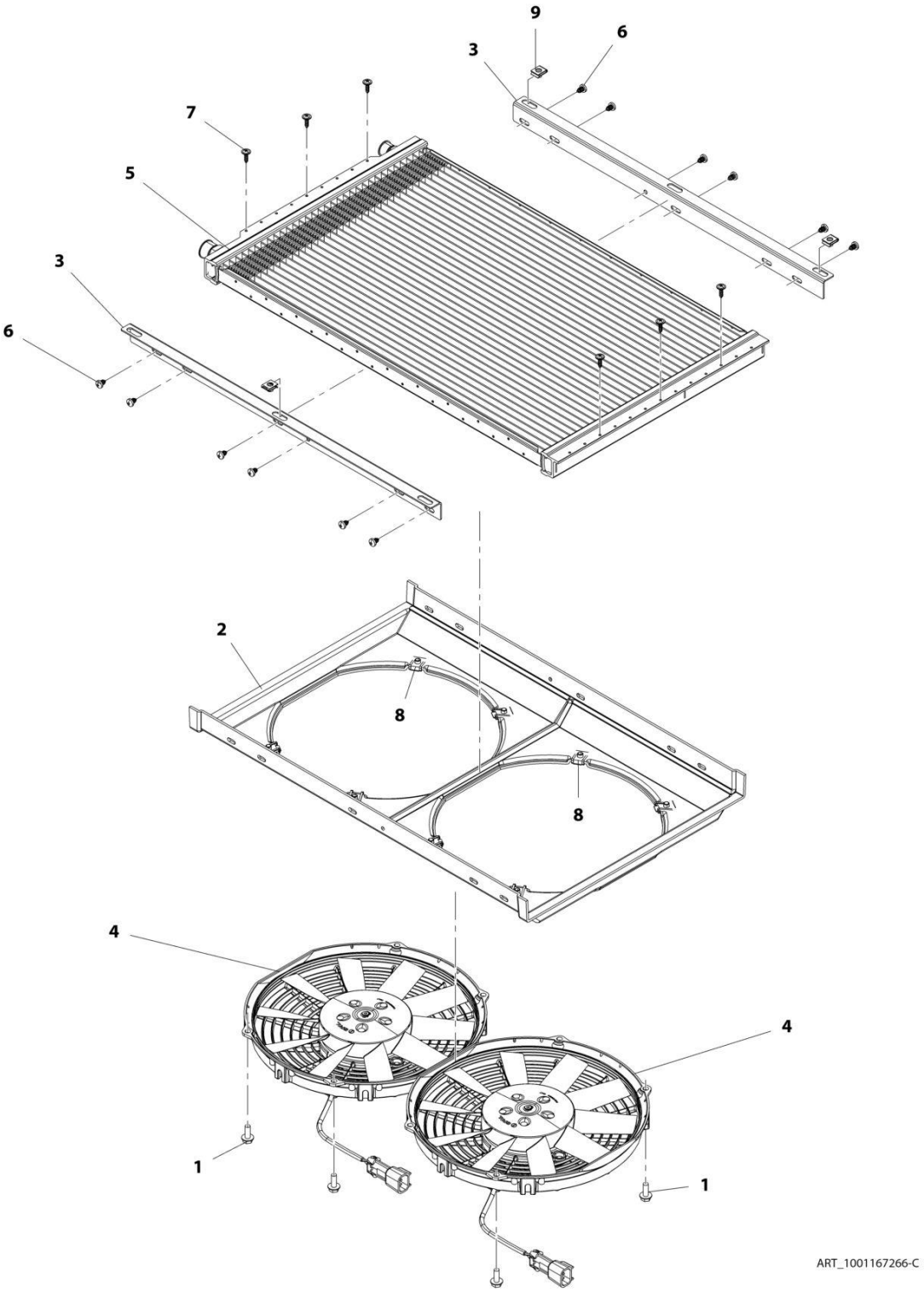


FIGURE 6-61. CONDENSER

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

FIGURE 6-62. A/C RECEIVER DRIER

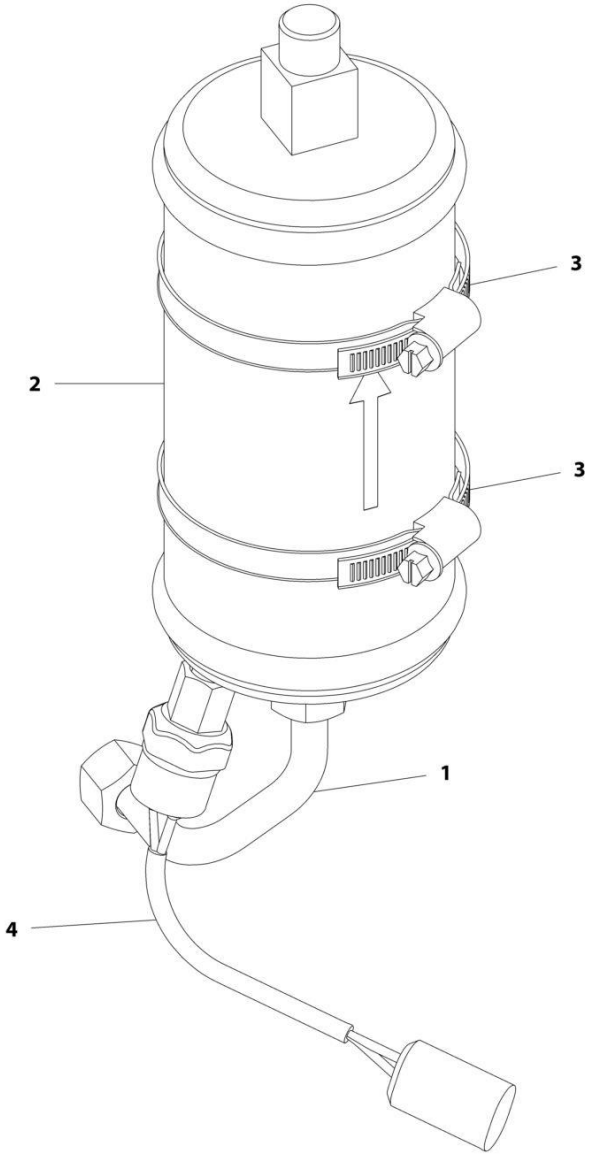


FIGURE 6-62. A/C RECEIVER DRIER

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

FIGURE 6-63. ROOF WIPER INSTALLATION

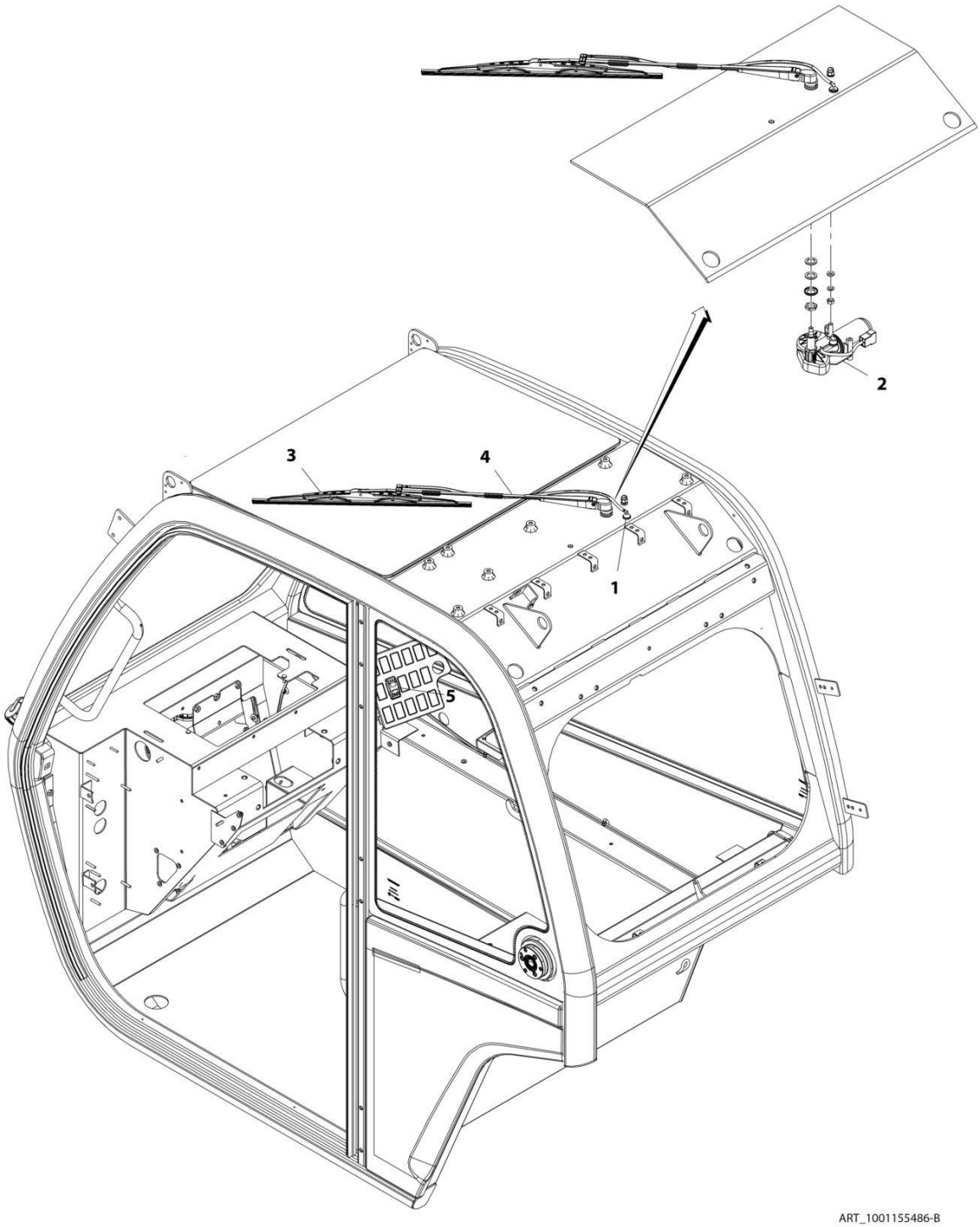


FIGURE 6-63. ROOF WIPER INSTALLATION

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

FIGURE 6-64. FRONT NOSE CONE INSTALLATION (ROADLIGHTS)

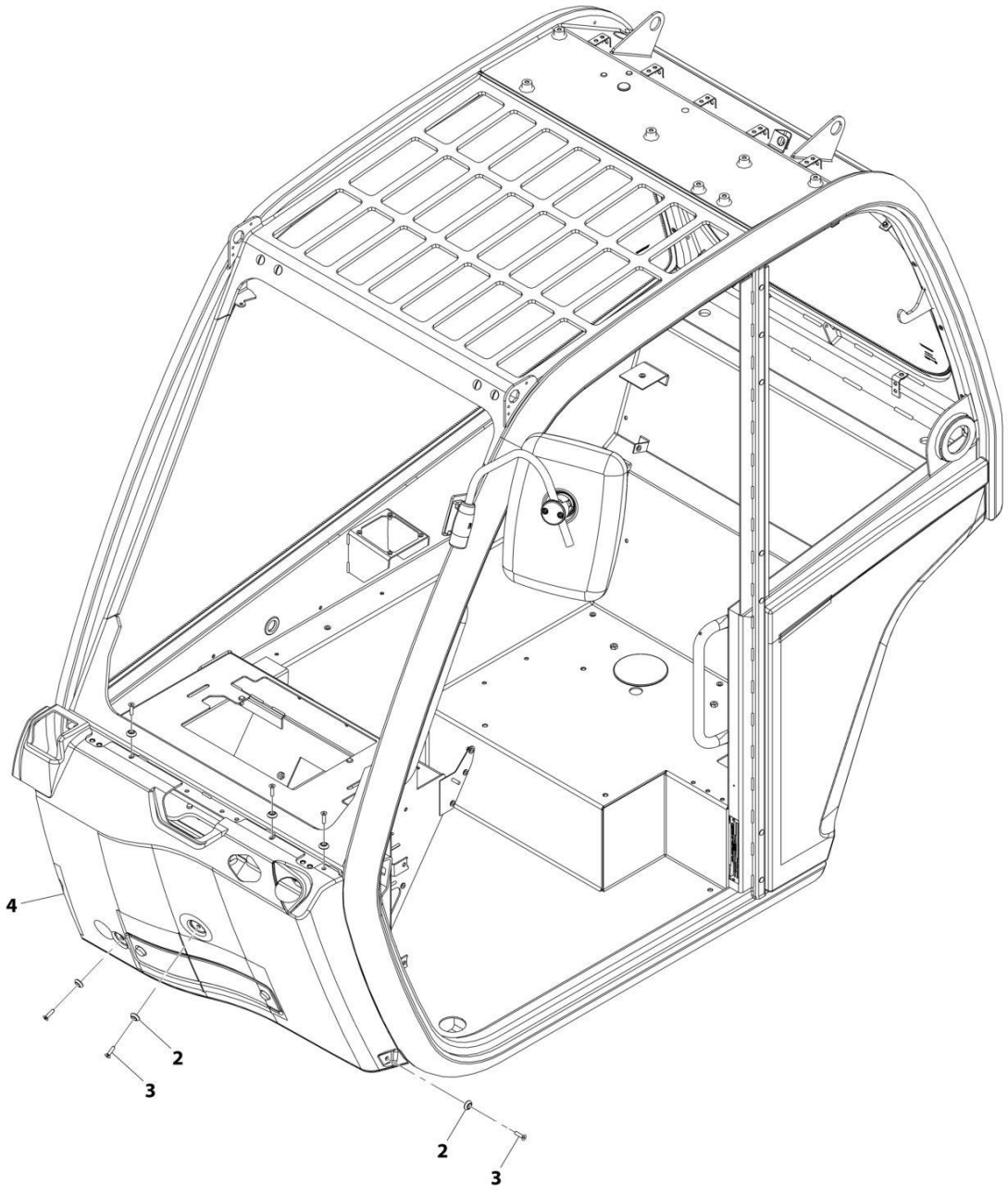


FIGURE 6-64. FRONT NOSE CONE INSTALLATION (ROADLIGHTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189660	Ref	Front Nose Cone Installation (Roadlights)	E
2	1001097540	6	Washer, M6	
3	3900379	6	Screw, M6X25	
4	1001189659	1	Cover, Front Nose Cone	

FIGURE 6-65. FRONT NOSE CONE INSTALLATION (NO ROADLIGHTS)

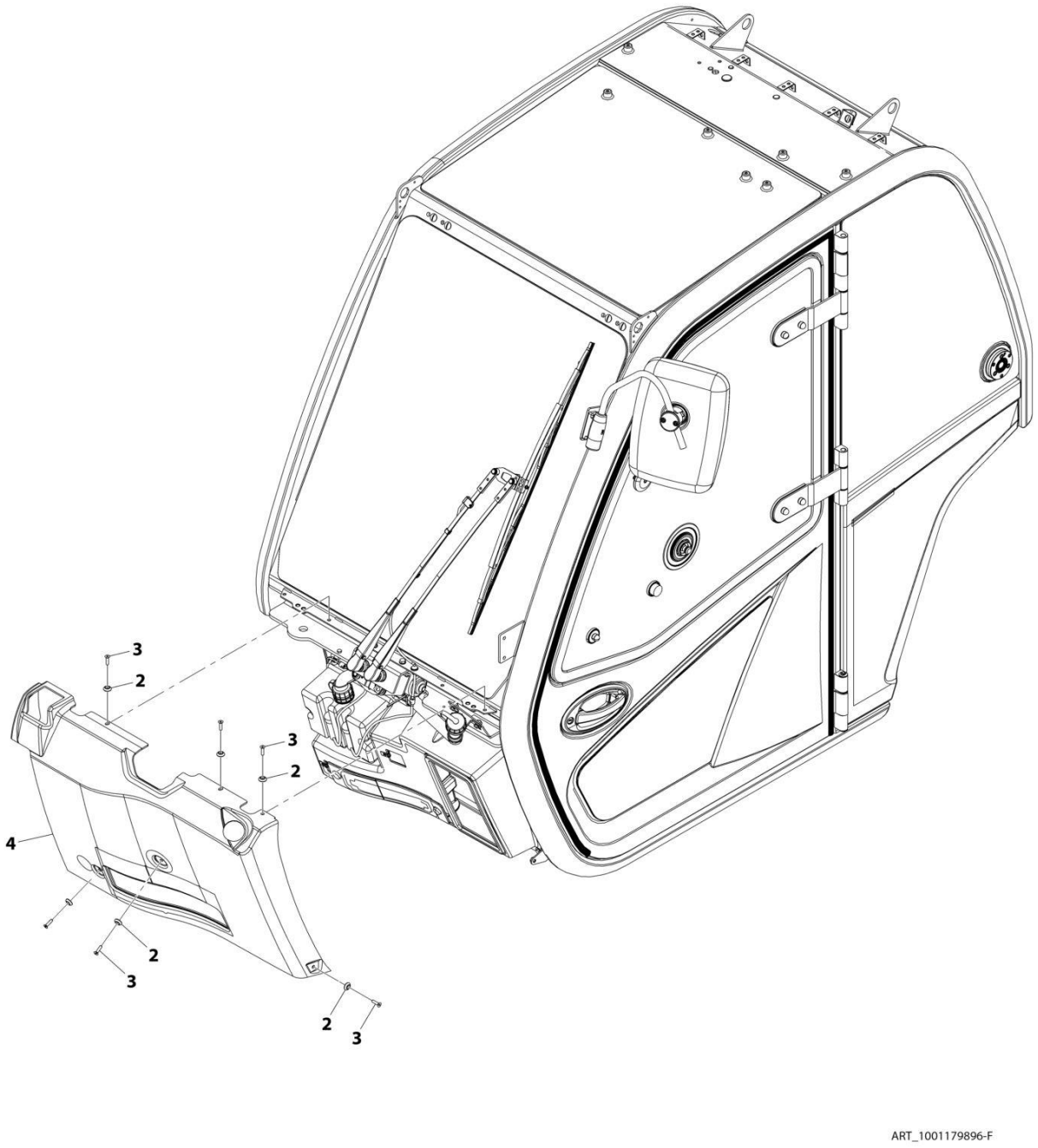


FIGURE 6-65. FRONT NOSE CONE INSTALLATION (NO ROADLIGHTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179896	Ref	Front Nose Cone Installation (No Roadlights)	F
2	1001097540	6	Washer, M6	
3	3900379	6	Screw, M6X25	
4	1001179899	1	Cover, Front Nose Cone	

FIGURE 6-66. RETRACTABLE SUNSCREEN INSTALLATION

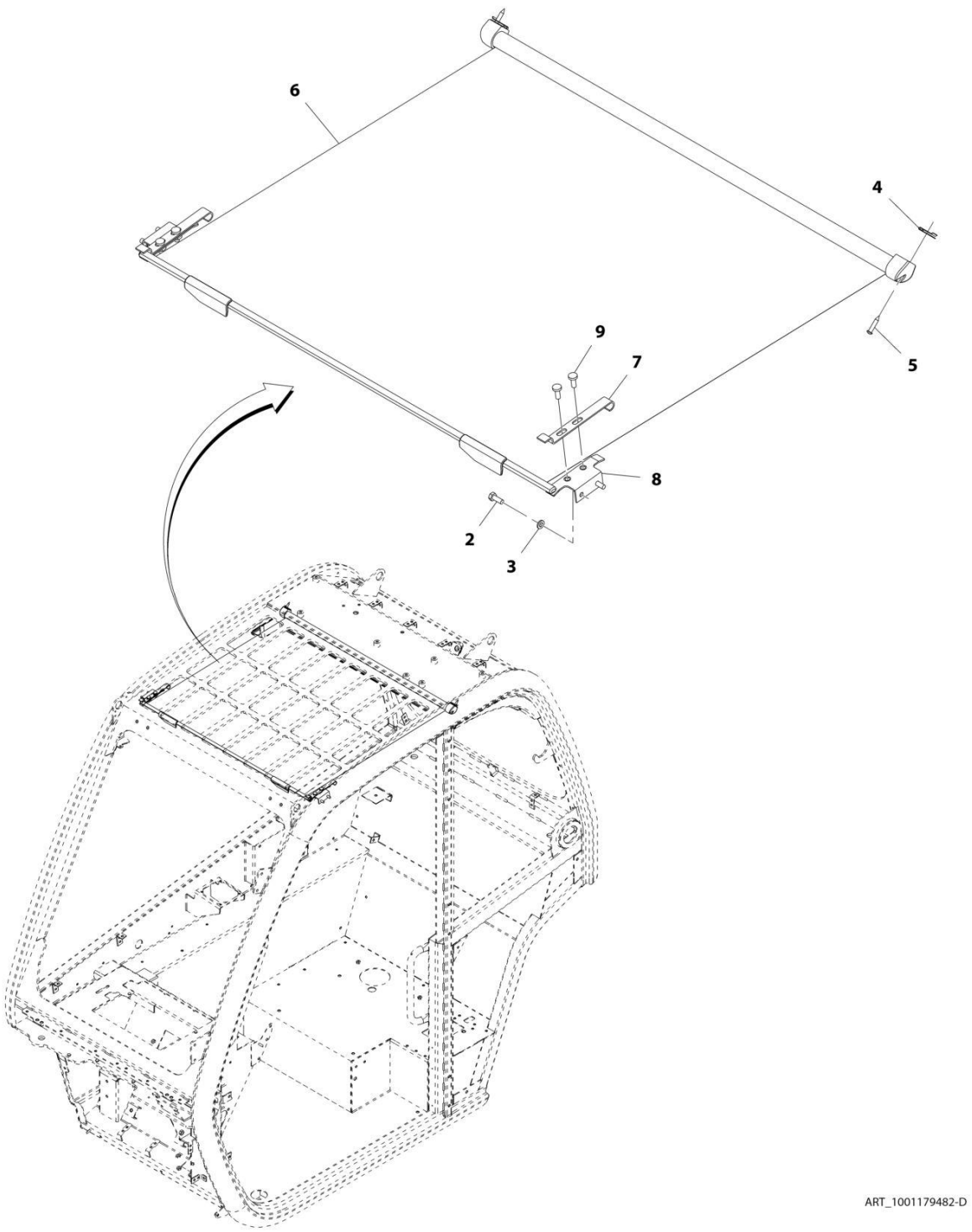
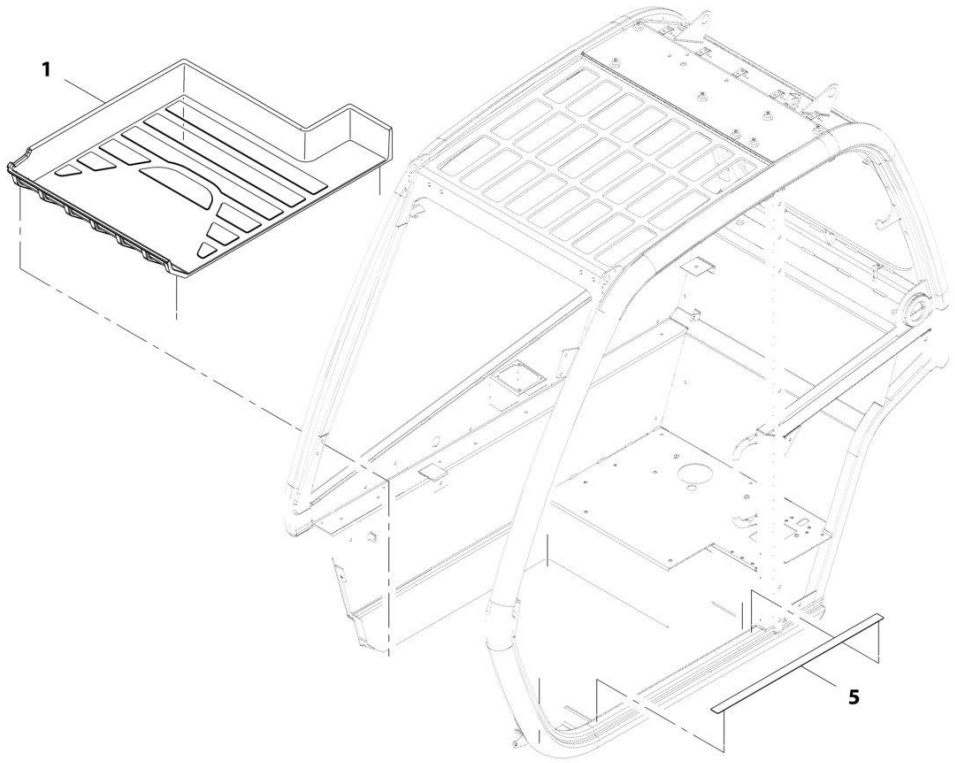


FIGURE 6-66. RETRACTABLE SUNSCREEN INSTALLATION

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

FIGURE 6-67. FLOOR MAT INSTALLATION

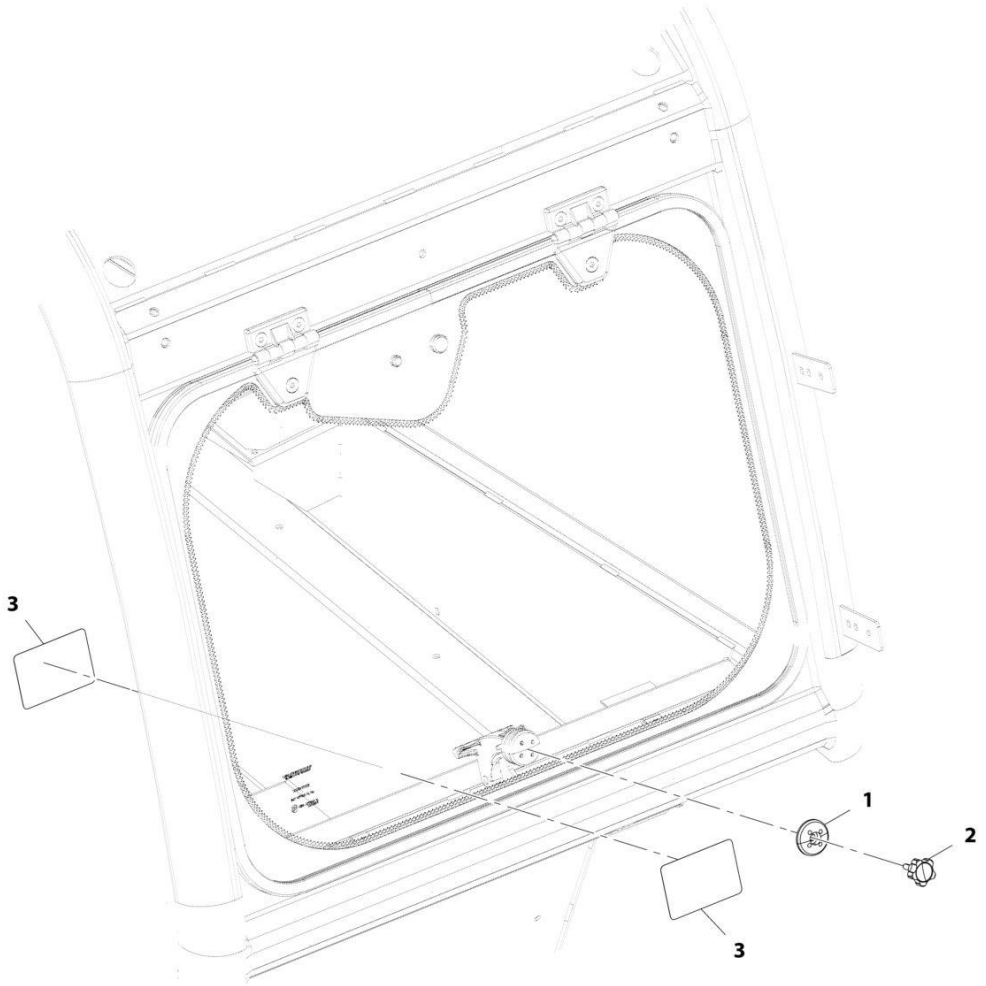


ART_1001161080-E

FIGURE 6-67. FLOOR MAT INSTALLATION

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

FIGURE 6-68. EXTERNAL WINDOW RELEASE INSTALLATION (CAN & ISO)



ART_1001178826-C

FIGURE 6-68. EXTERNAL WINDOW RELEASE INSTALLATION (CAN & ISO)

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

FIGURE 6-69. CAB GUARD INSTALLATION (TOP)

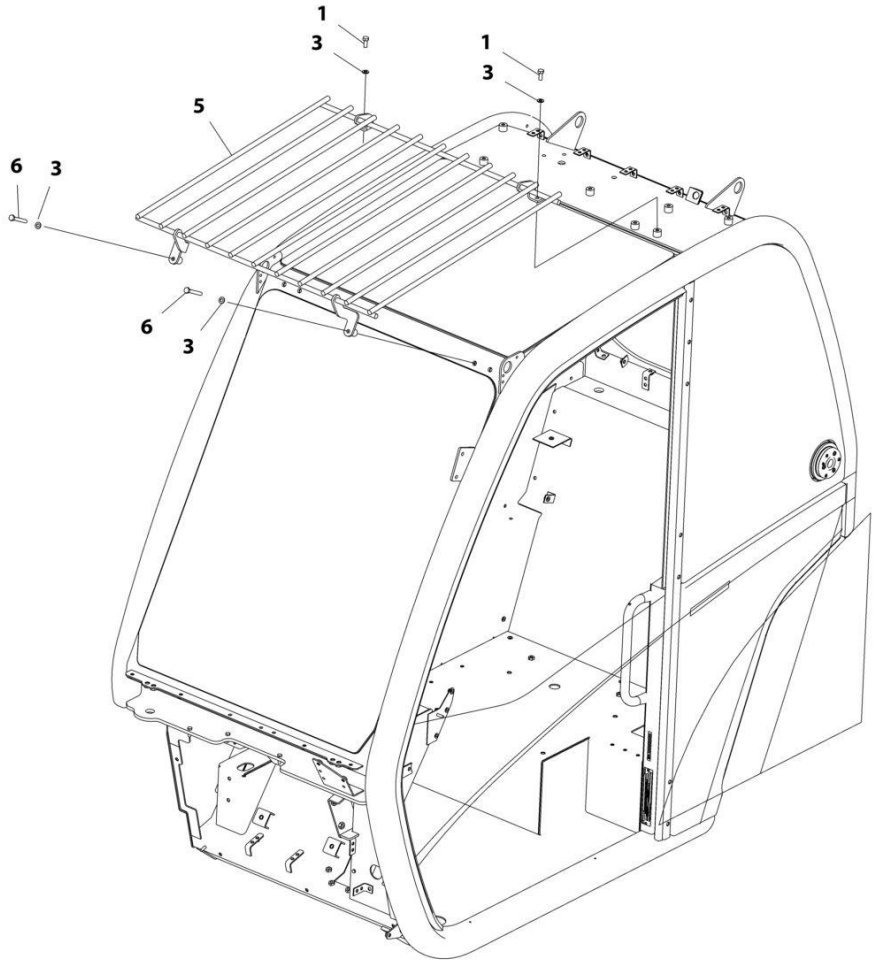


FIGURE 6-69. CAB GUARD INSTALLATION (TOP)

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

FIGURE 6-70. CAB GUARD INSTALLATION (FRONT)

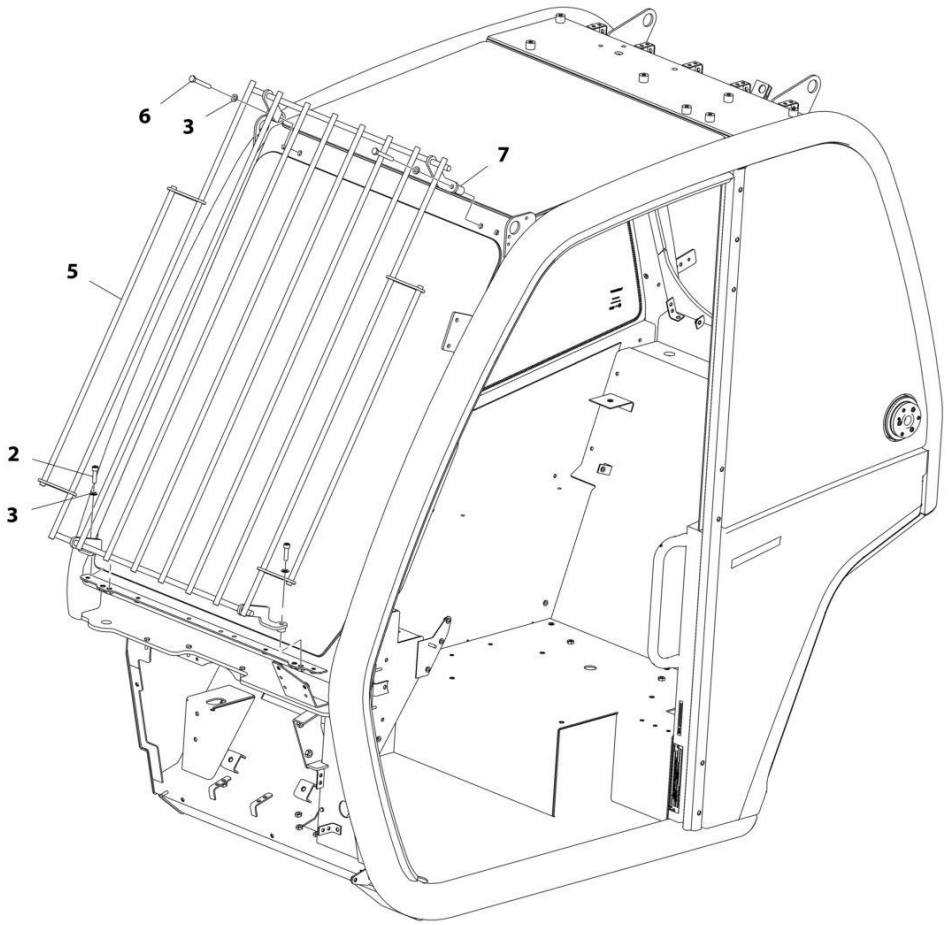


FIGURE 6-70. CAB GUARD INSTALLATION (FRONT)

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

FIGURE 6-71. CAB GUARD INSTALLATION (TOP AND FRONT)

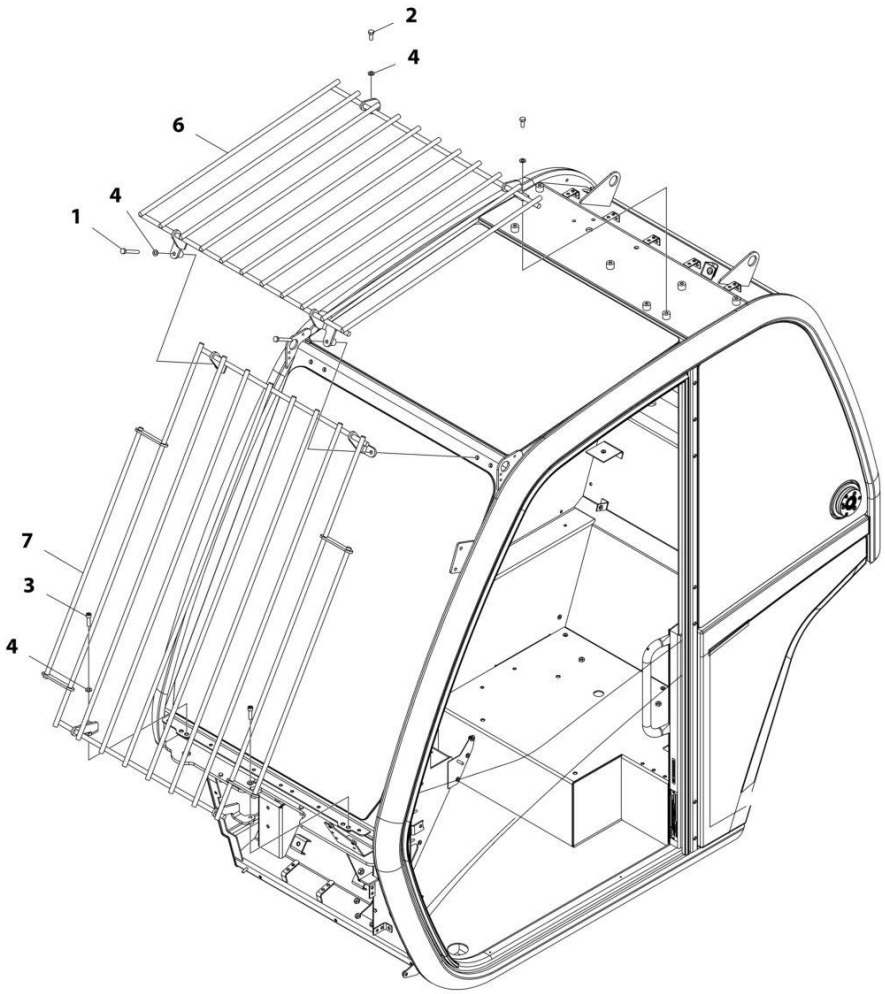
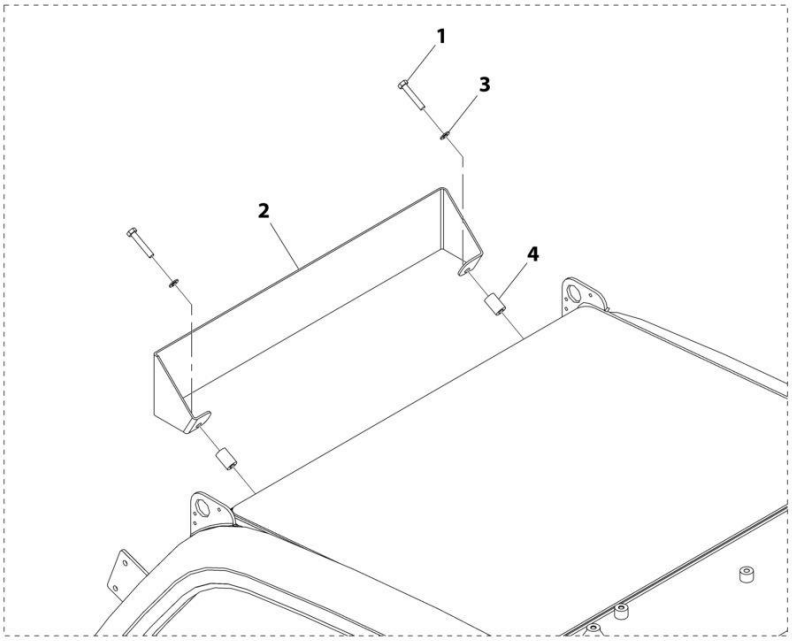


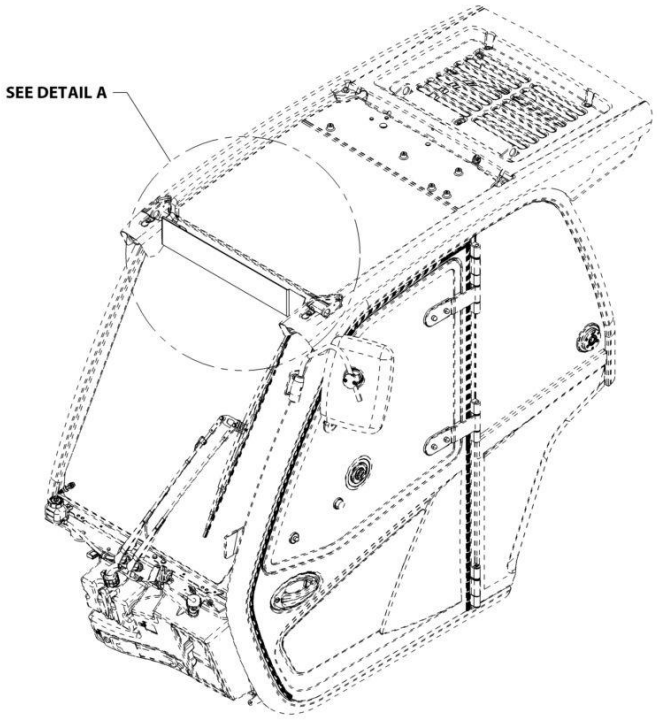
FIGURE 6-71. CAB GUARD INSTALLATION (TOP AND FRONT)

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

FIGURE 6-72. NUMBER PLATE BRACKET INSTALLATION (NO CAB GUARD)



DETAIL A



ART_1001210804-B

FIGURE 6-72. NUMBER PLATE BRACKET INSTALLATION (NO CAB GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210804	Ref	Number Plate Bracket Installation (No Cab Guard)	B
1	0700817	2	Bolt, M8X45	
2	1001210802	1	Bracket, Number Plate (No Cab Guard)	
3	4811900	2	Washer, M8	
4	1001173257	2	Block, Spacer	

FIGURE 6-73. NUMBER PLATE BRACKET INSTALLATION (CAB GUARD)

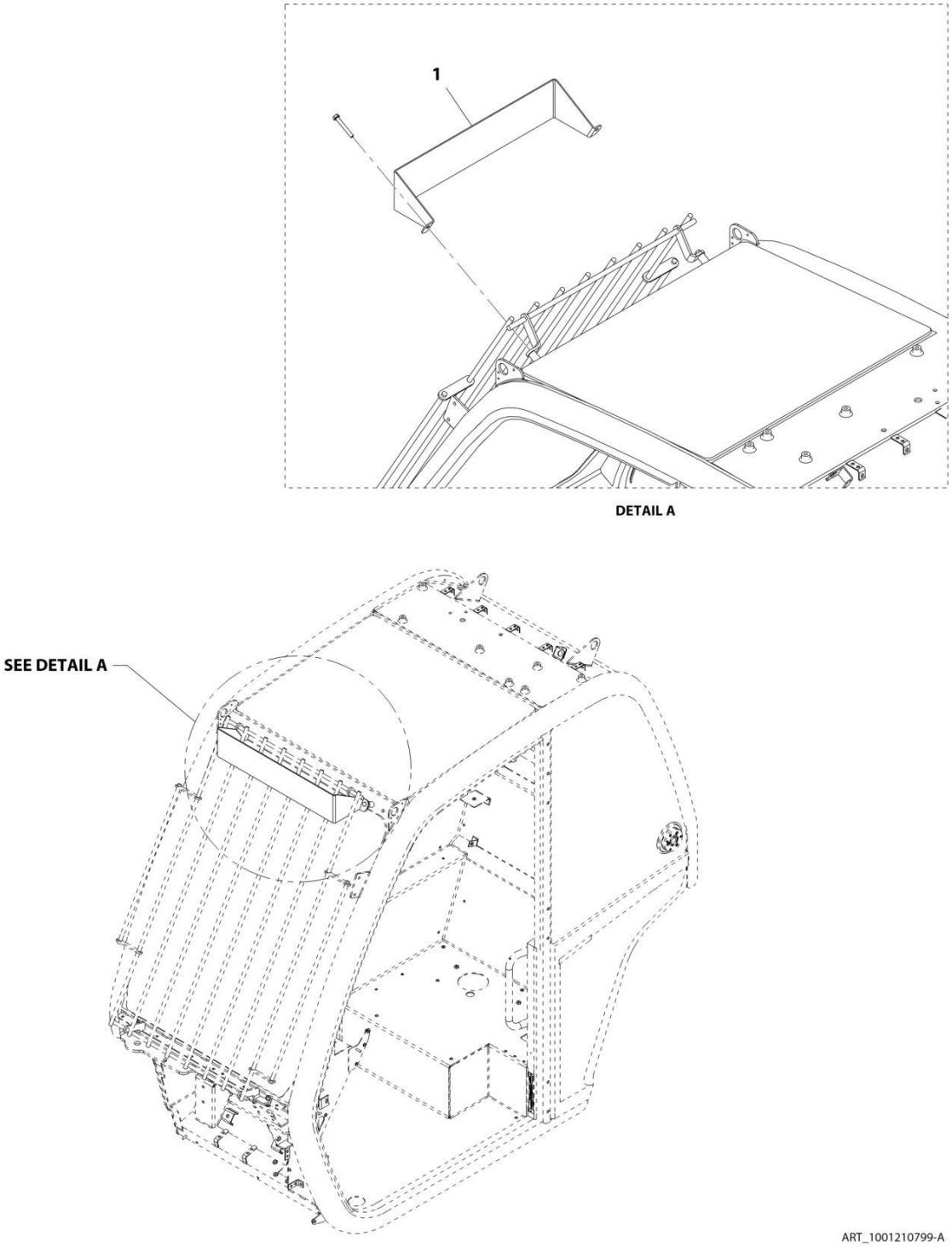


FIGURE 6-73. NUMBER PLATE BRACKET INSTALLATION (CAB GUARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210799	Ref	Number Plate Bracket Installation (Cab Guard)	A
1	1001210798	1	Bracket	

FIGURE 6-74. MIRROR INSTALLATION (20IN WHEEL)

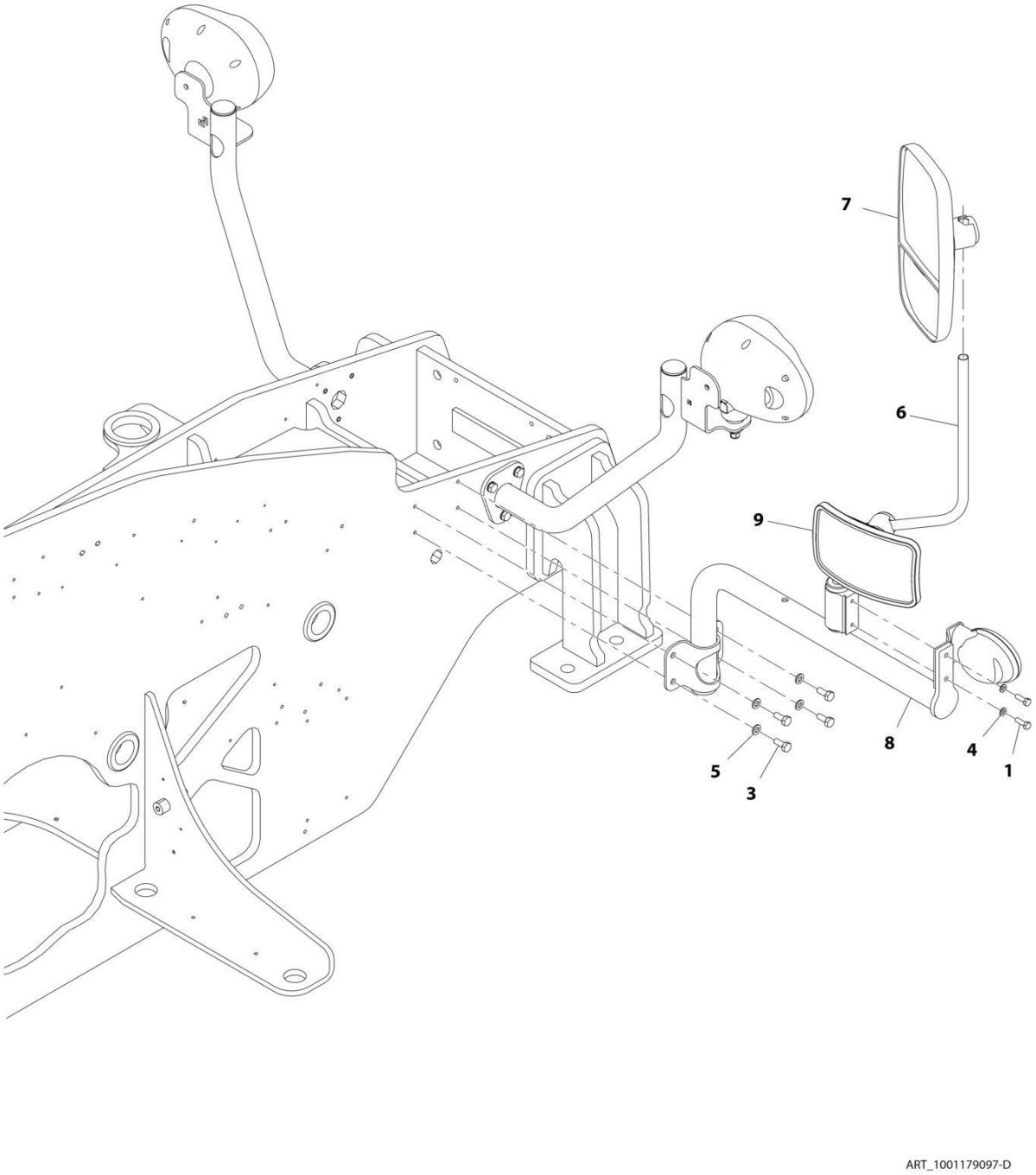


FIGURE 6-74. MIRROR INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179097	Ref	Mirror Installation (20IN Wheel)	D
1	0760812	2	Bolt, M8X25	
3	0761012	4	Bolt, M10X25	
4	4811900	2	Washer, M8	
5	4812000	4	Washer, M10	
6	1001189193	1	Bracket	
7	1001175812	1	Mirror, Dual Lens	
8	1001181359	1	Bracket	
9	1001142724	1	Mirror, Convex	

FIGURE 6-75. HITCH MIRROR INSTALLATION (FLAT)

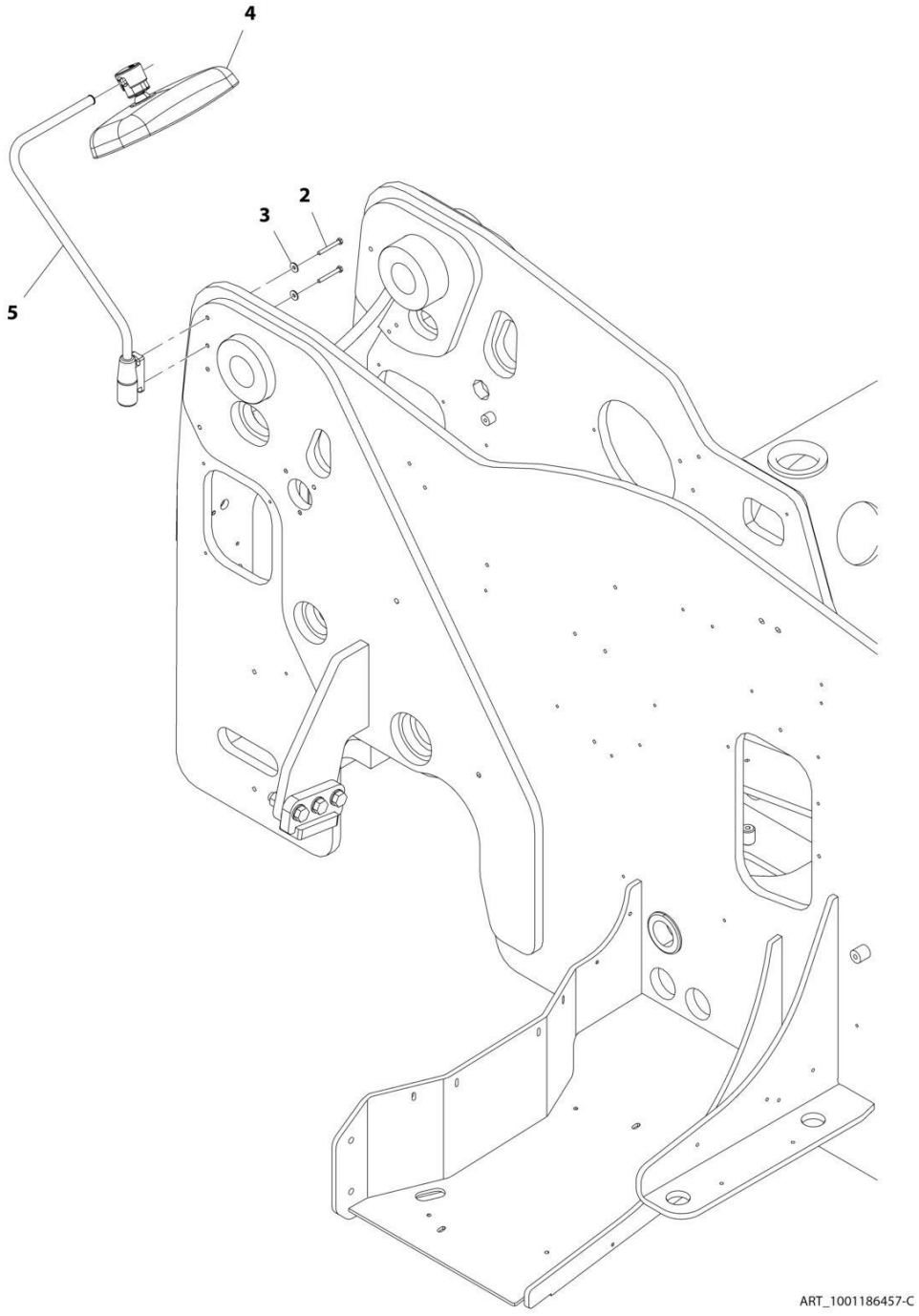


FIGURE 6-75. HITCH MIRROR INSTALLATION (FLAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186457	Ref	Hitch Mirror Installation (Flat)	C
2	0700618	2	Bolt, M6X50	
3	4811702	2	Washer, M6	
4	1001005981	1	Mirror	
5	1001111900	1	Support, Mirror Mount Arm	

FIGURE 6-76. HITCH MIRROR INSTALLATION (CONVEX)

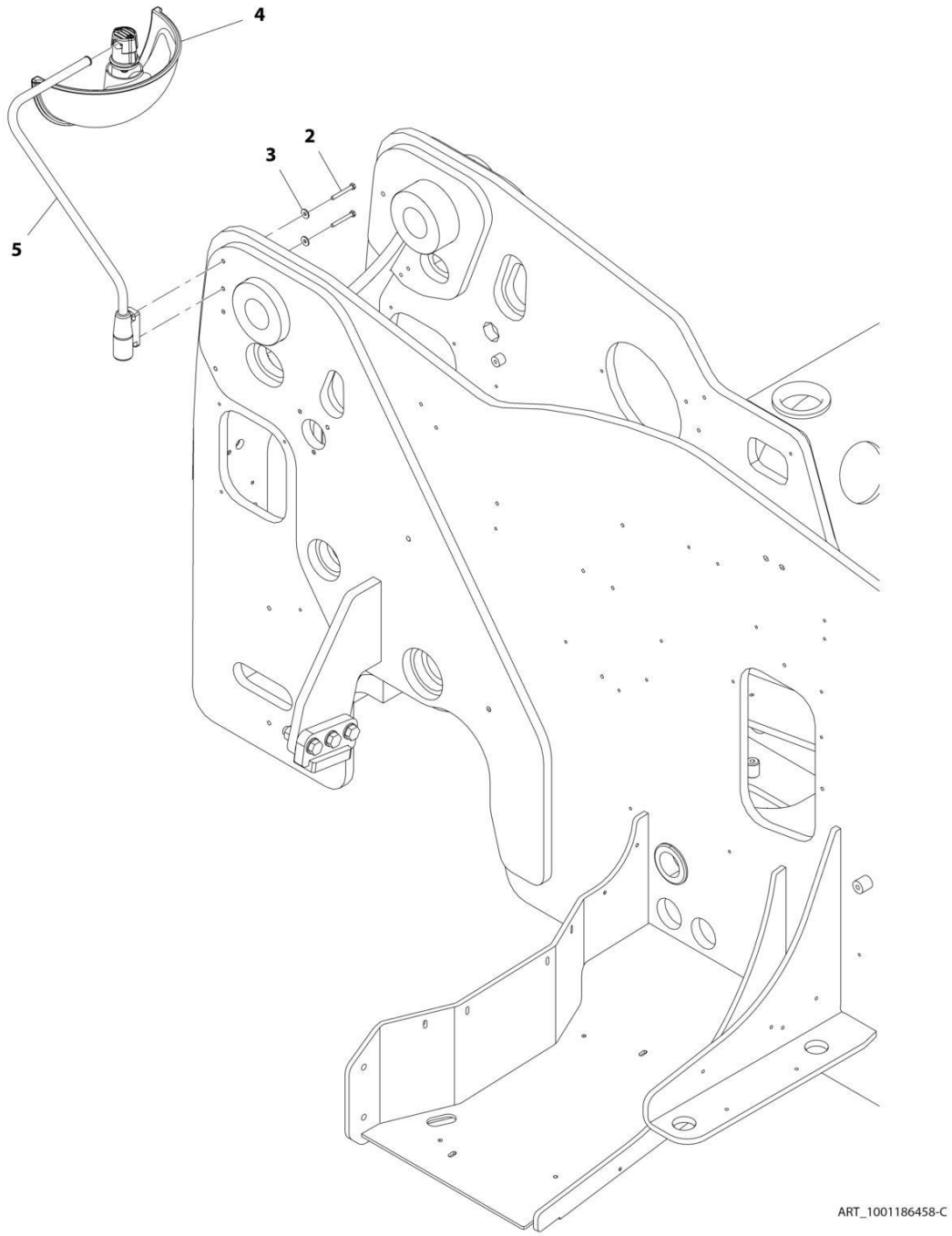
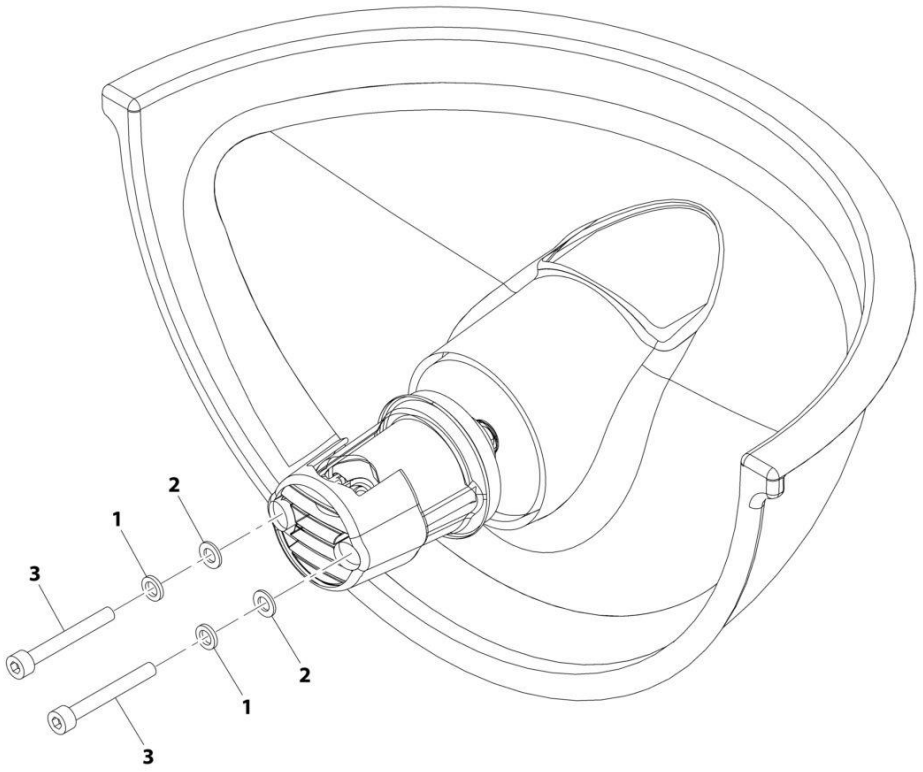


FIGURE 6-76. HITCH MIRROR INSTALLATION (CONVEX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186458	Ref	Hitch Mirror Installation (Convex)	C
2	0700618	2	Bolt, M6X50	
3	4811702	2	Washer, M6	
4	1001008436	1	Assembly, Mirror (Convex) (See Separate Breakdown in this Section)	
5	1001111900	1	Support, Mirror Mount Arm	

FIGURE 6-77. MIRROR ASSEMBLY (CONVEX)



ART_1001008436-D

FIGURE 6-77. 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 6-78. INTERIOR MIRROR INSTALLATION (Prior to SN 1160008371)

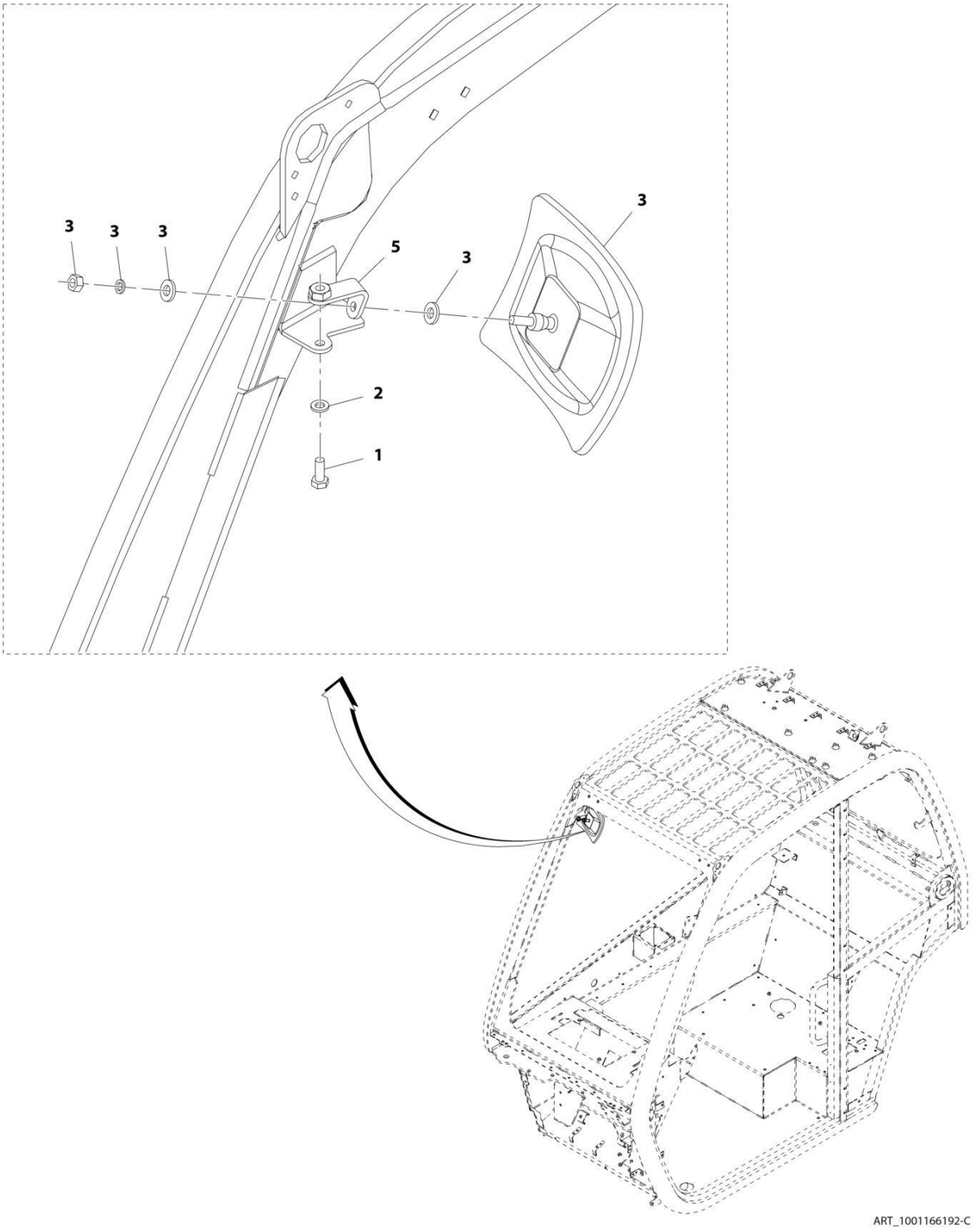


FIGURE 6-78. INTERIOR MIRROR INSTALLATION (Prior to SN 1160008371)

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

FIGURE 6-79. INTERIOR MIRROR (Prior to SN 1160008371)

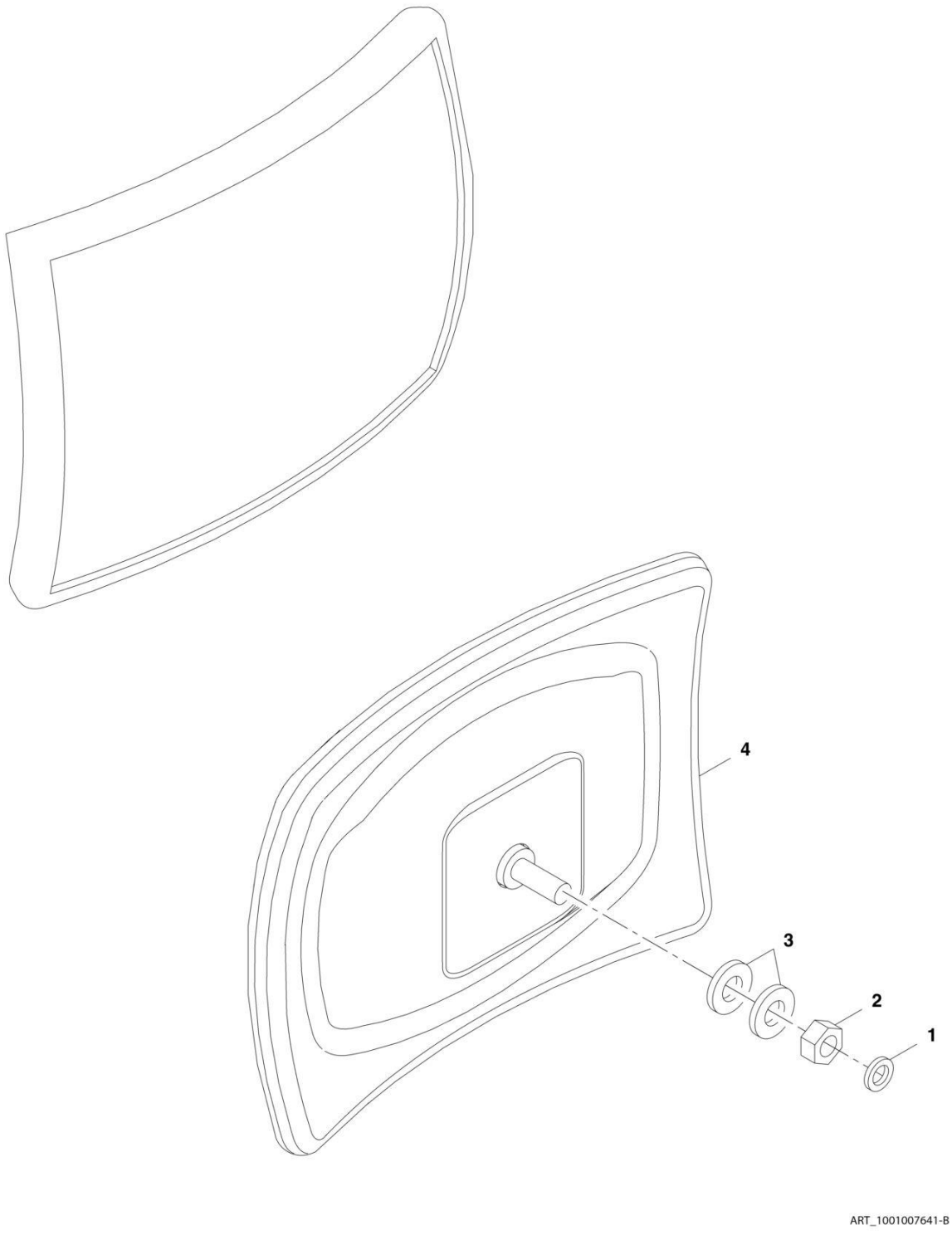


FIGURE 6-79. INTERIOR MIRROR (Prior to SN 1160008371)

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 6-80. REAR VIEW MIRROR INSTALLATION

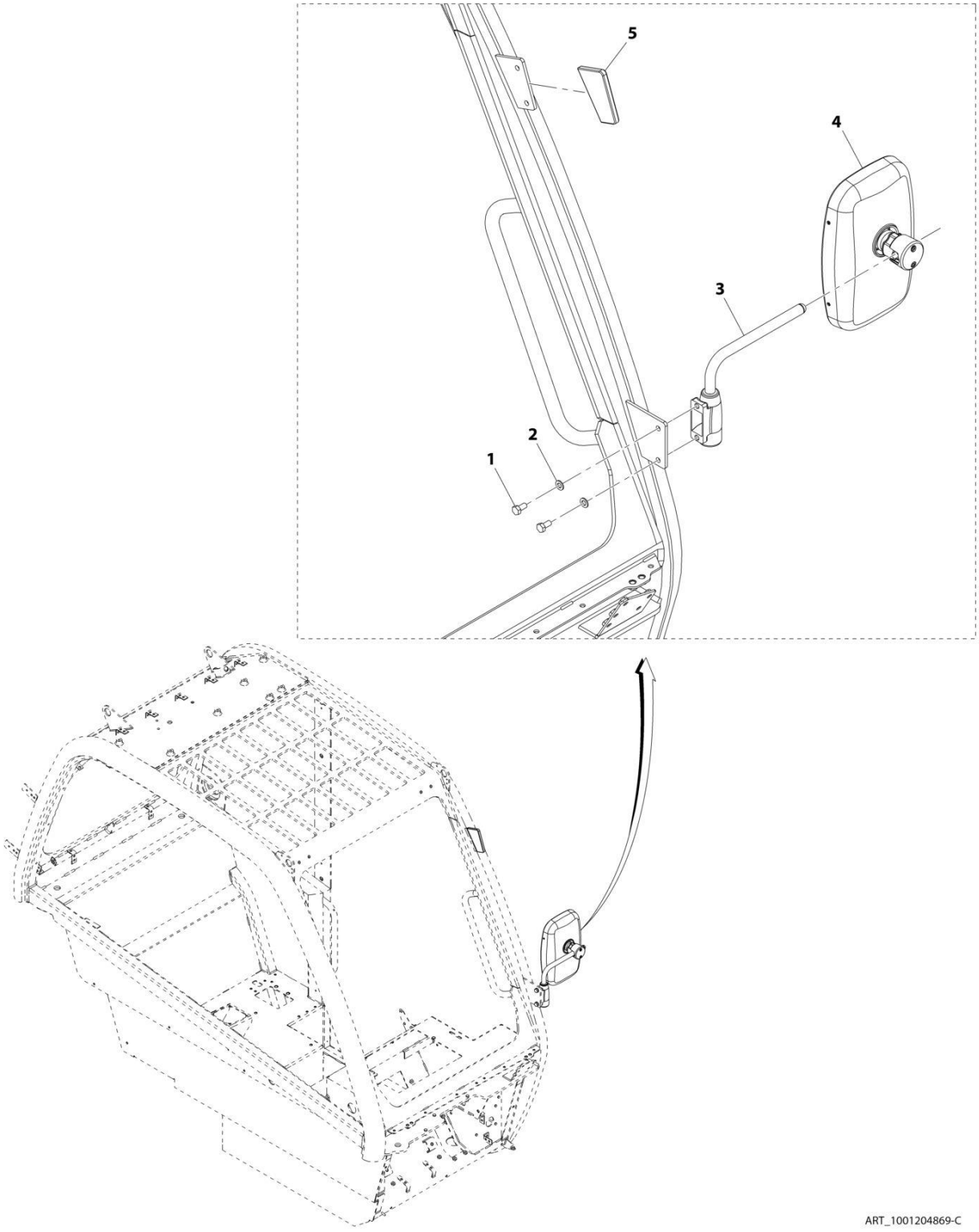


FIGURE 6-80. REAR VIEW MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204869	Ref	Rear View Mirror Installation	C
1	0760808	2	Bolt, M8X16	
2	4811900	2	Washer, M8	
3	1001205948	1	Arm, Mirror Bracket	
4	1001206155	1	Mirror, Rear View	
5	1001227357	1	Cover, Mirror Bracket	

FIGURE 6-81. FRONT WIPER INSTALLATION

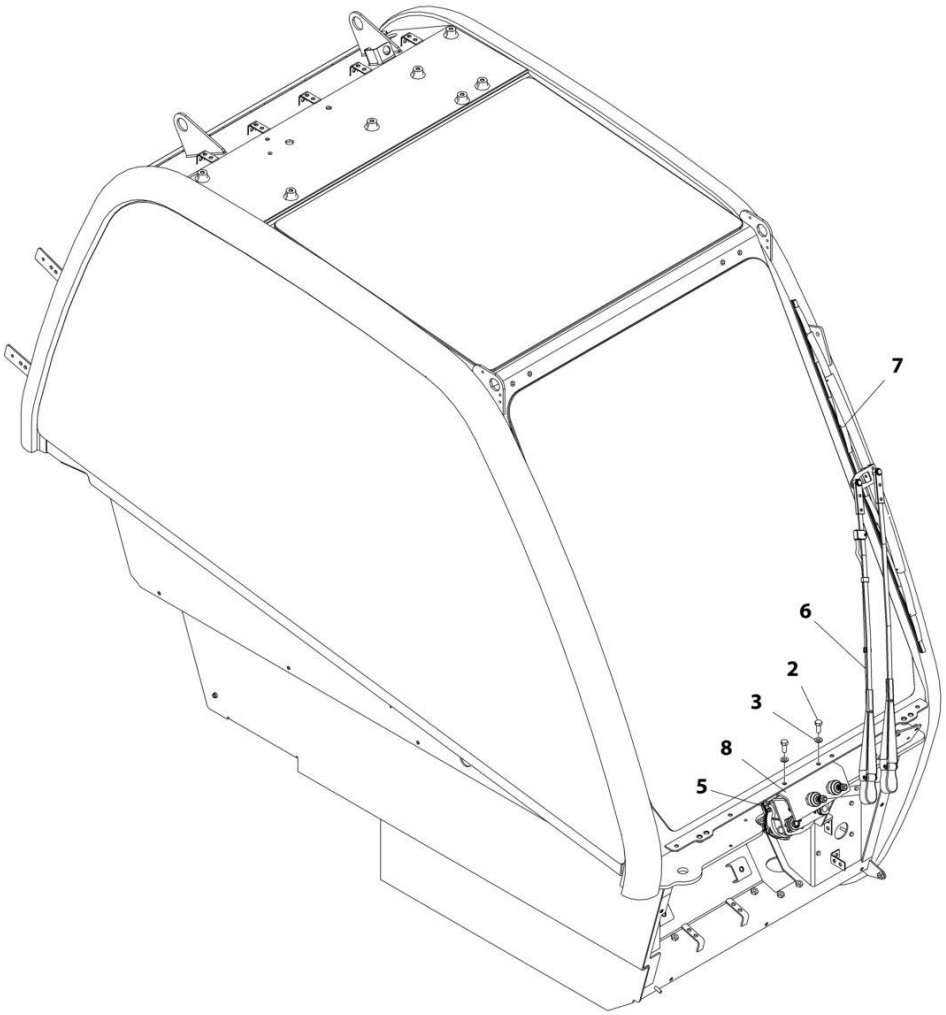


FIGURE 6-81. FRONT WIPER INSTALLATION

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

FIGURE 6-82. WASHER TANK INSTALLATION

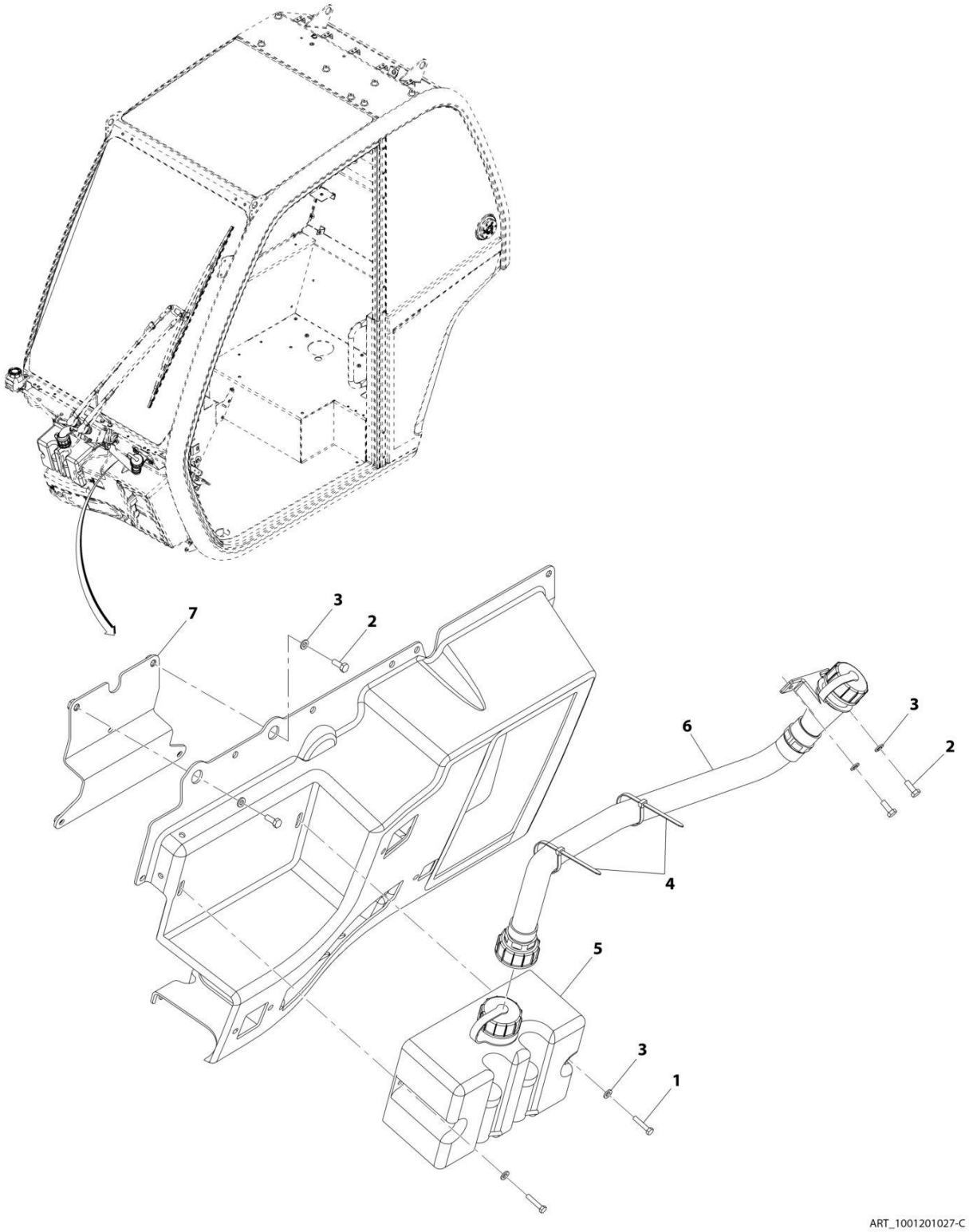


FIGURE 6-82. WASHER TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201027	Ref	Washer Tank Installation	C
1	0760512	2	Bolt M5X25	
2	0760608	4	Bolt, M6X16	
3	4811700	6	Washer, M6	
4	471678	2	Band, Cable	
5	1001165269	1	Bottle, Washer (See Separate Breakdown in this Section)	
6	1001165270	1	Hose, Washer Filler	
7	1001171756	1	Bracket	

FIGURE 6-83. WASHER HOSES INSTALLATION

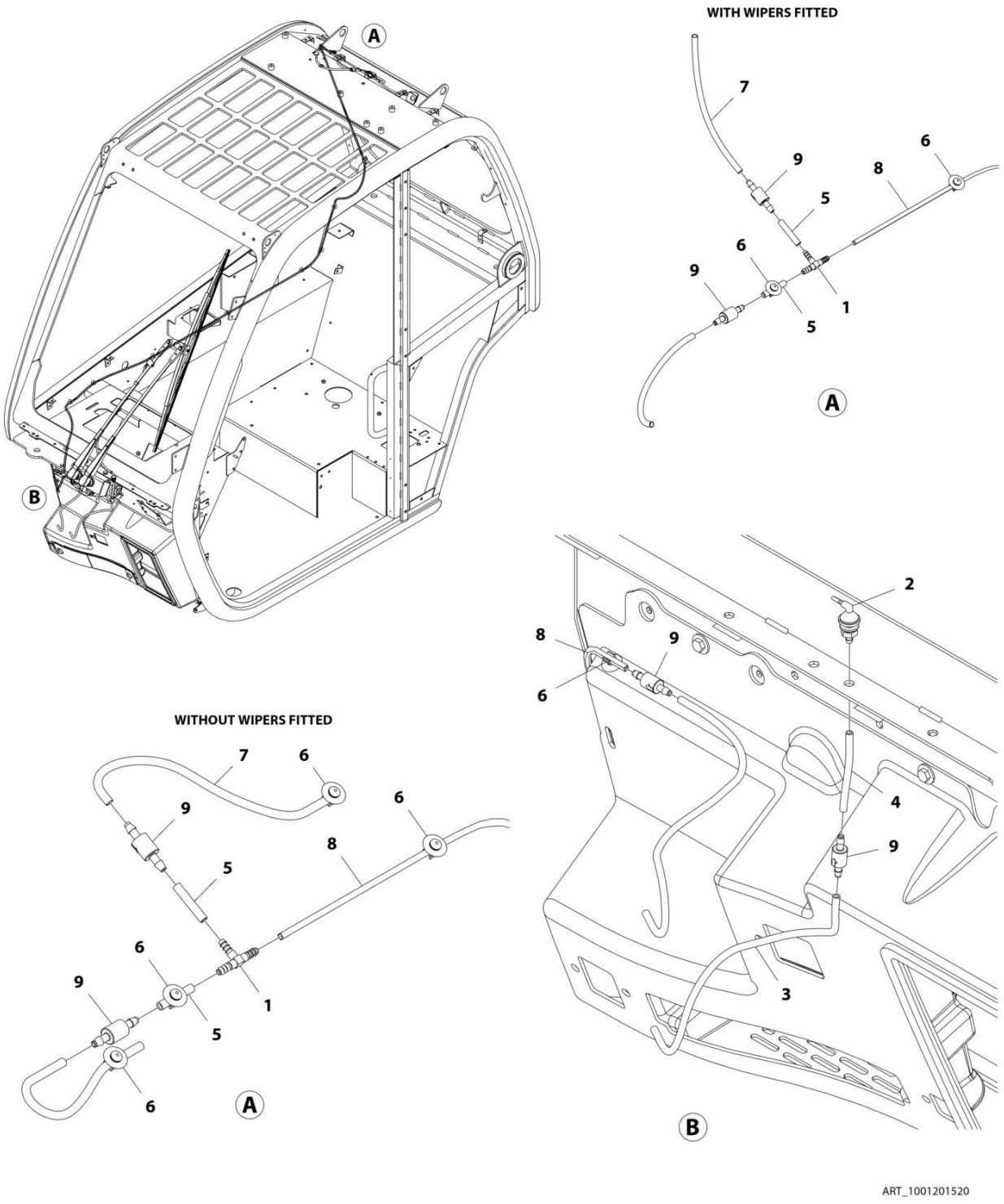


FIGURE 6-83. WASHER HOSES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201520	Ref	WASHER HOSES INSTALLATION	C
1	1001008742	1	Coupling, Tee	
2	1001090343	1	Connector	
3	1001165351	2	Hose	
4	1001165416	1	Hose	
5	1001165455	2	Hose	
6	1001165458	16	Mount, Hose	
7	1001178123	2	Hose	
8	1001180045	1	Hose	
9	1001201331	4	Valve, Check	

FIGURE 6-84. HAMMER INSTALLATION

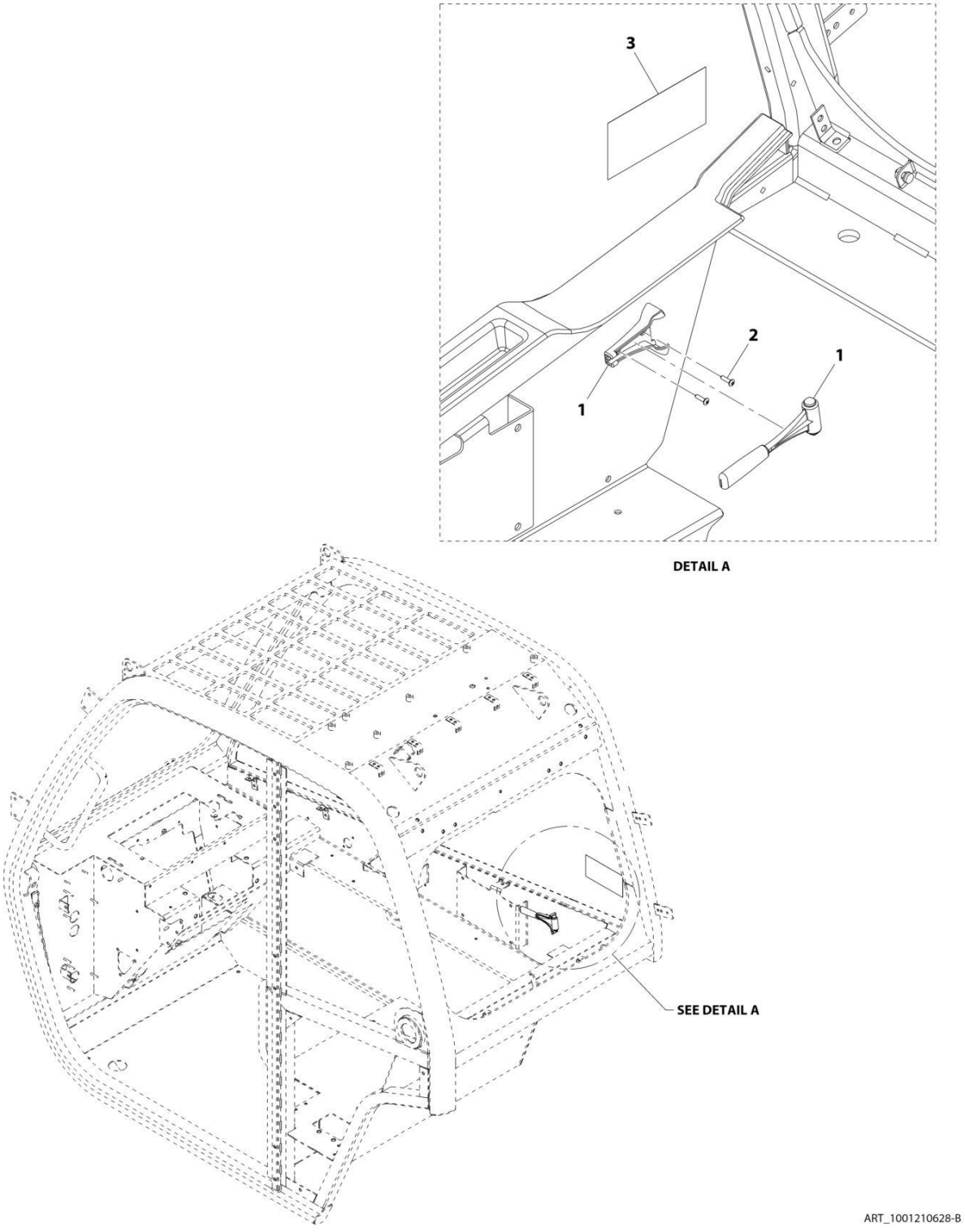


FIGURE 6-84. HAMMER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210628	Ref	Hammer Installation	B
1	1001005038	1	Assembly, Hammer Attachment (See Separate Breakdown in this Section)	
2	1001005193	2	Screw	
3	1001215804	1	Decal, Emergency Exit	

FIGURE 6-85. HAMMER ATTACHMENT ASSEMBLY

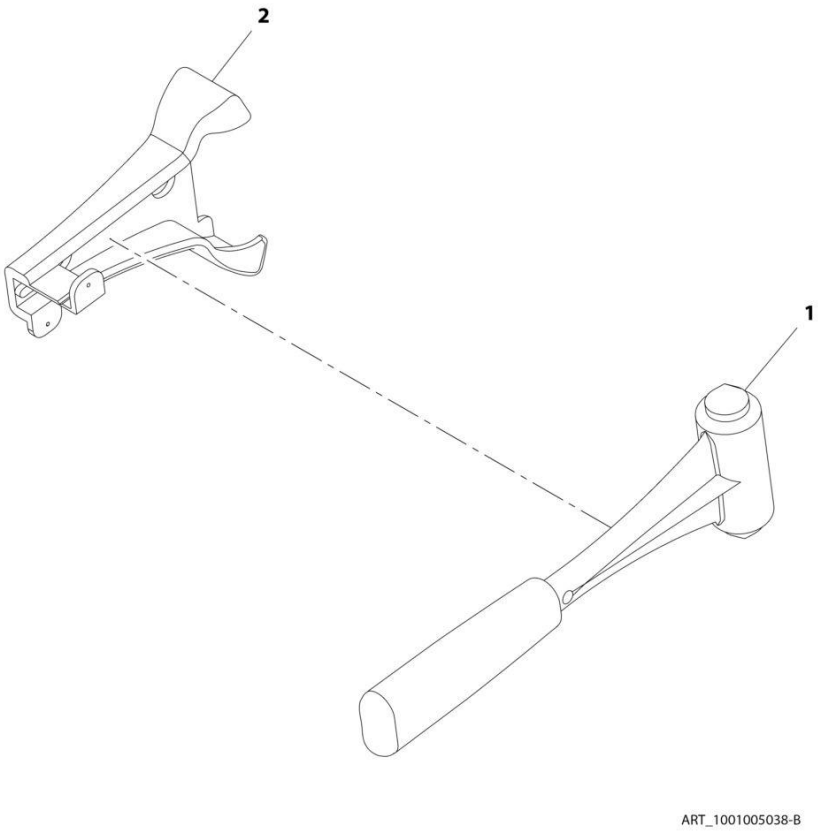


FIGURE 6-85. HAMMER ATTACHMENT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001005038	Ref	Hammer Attachment Assembly	B
1	1001006954	1	Hammer	
2	1001006955	1	Bracket, Hammer	

FIGURE 6-86. LEVEL INDICATOR INSTALLATION

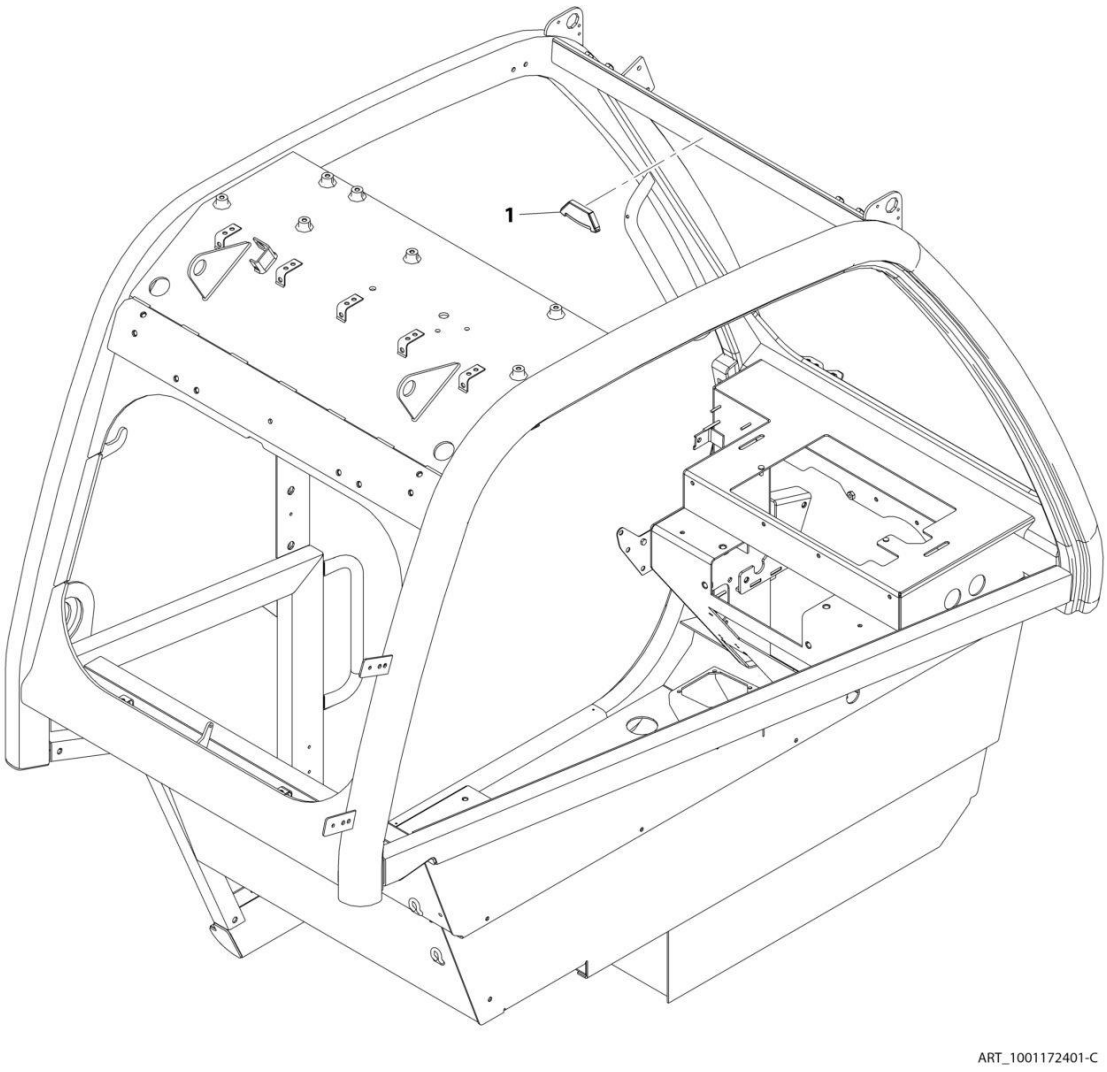
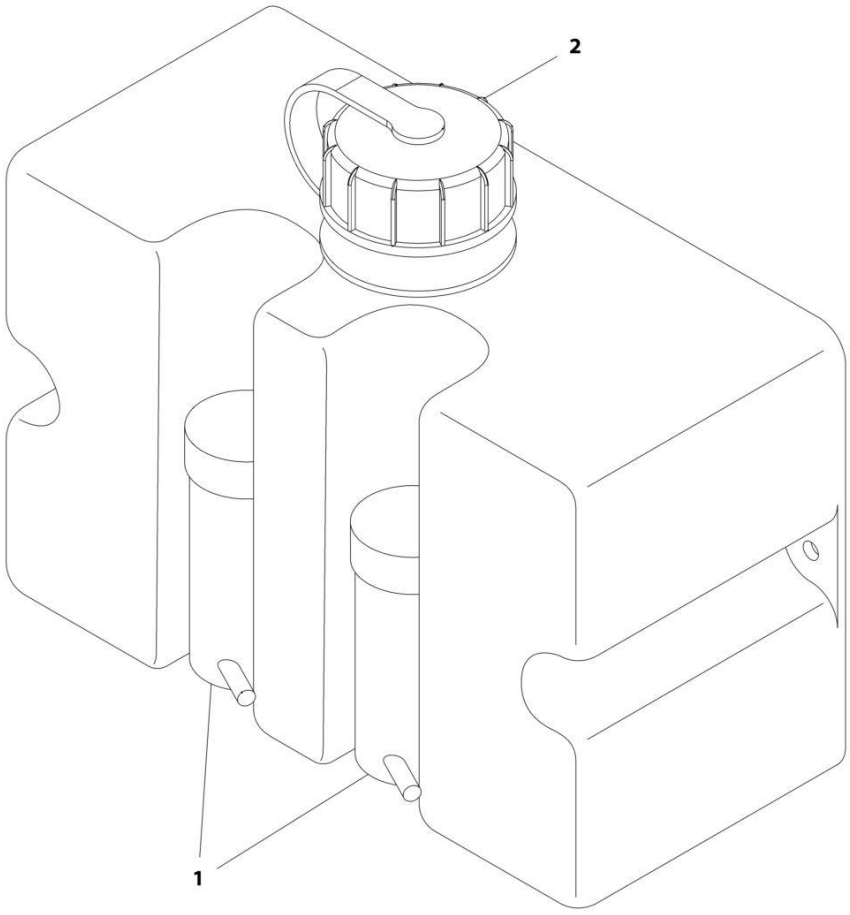


FIGURE 6-86. LEVEL INDICATOR INSTALLATION

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

FIGURE 6-87. WASHER BOTTLE



ART_1001165269-B

FIGURE 6-87. WASHER BOTTLE

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

FIGURE 6-88. TOOL BOX INSTALLATION

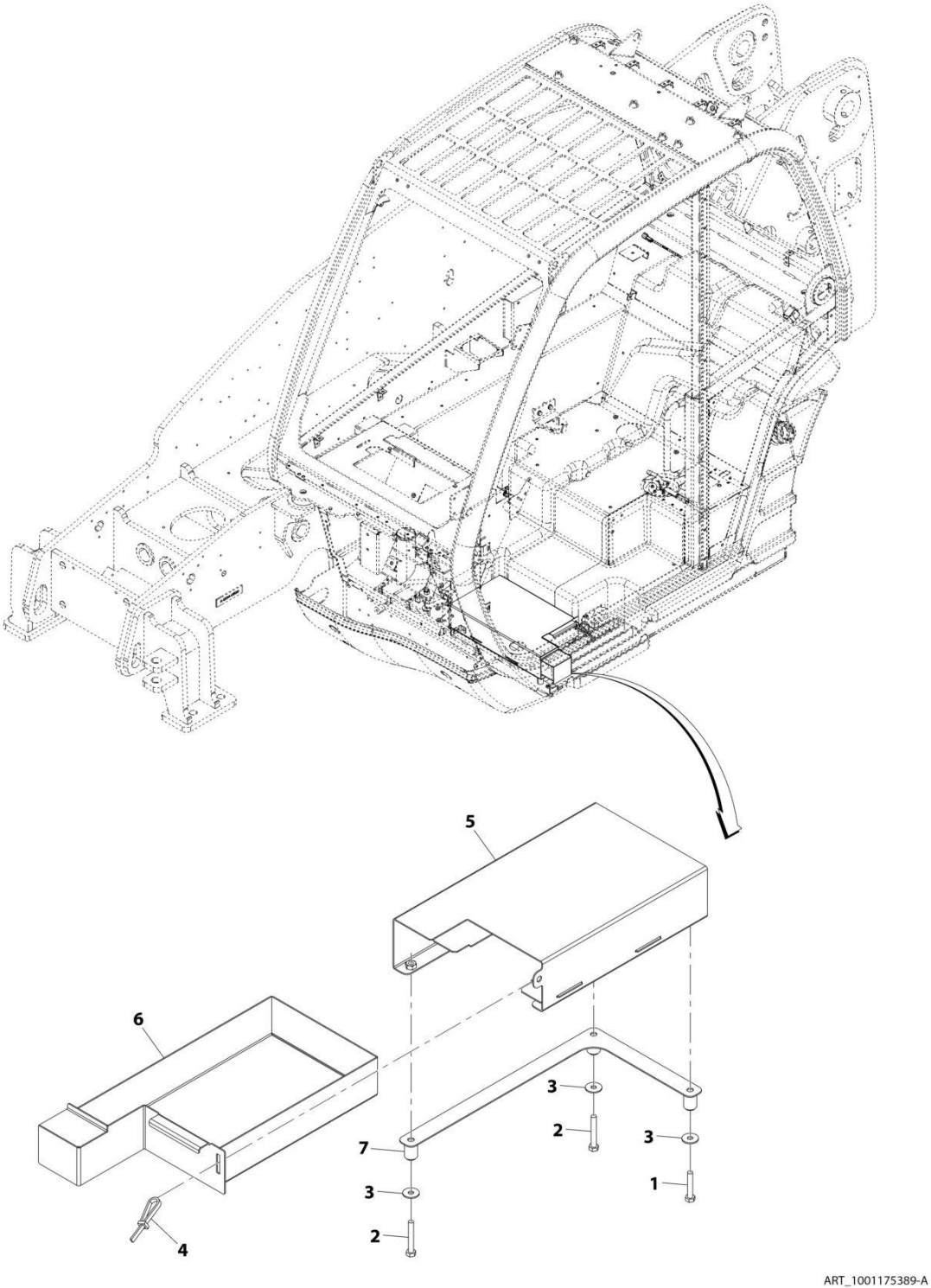
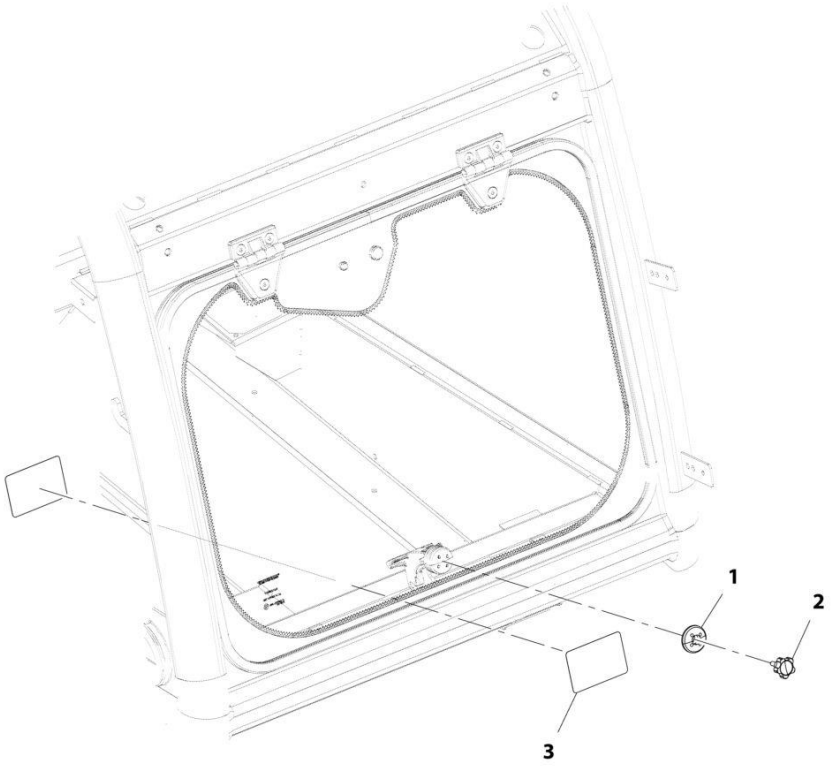


FIGURE 6-88. TOOL BOX INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175389	Ref	Tool Box Installation	A
1	0700817	1	Screw, M8X45	
2	0700819	2	Screw, M8X55	
3	4811902	3	Washer, M8	
4	1001008559	1	Tie Strap	
5	1001218901	1	Housing, Tool Box	
6	1001218902	1	Tray, Tool Box	
7	1001219135	1	Bracket, Tool Box	

FIGURE 6-89. REAR WINDOW INSTALLATION (WO/WIPER) (ANSI)

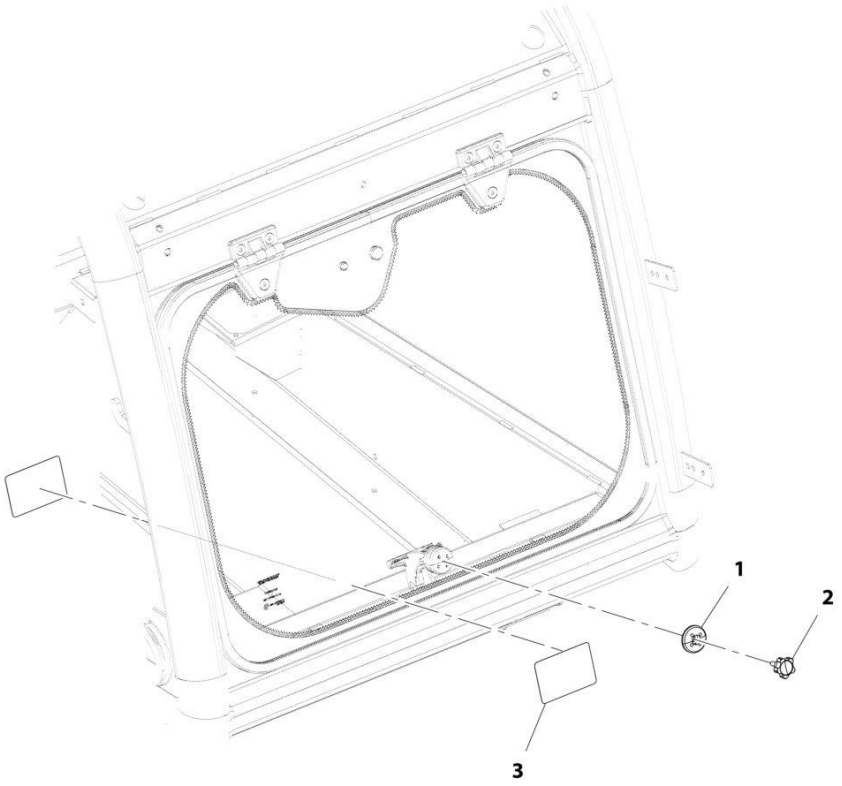


ART_1001212047-A

FIGURE 6-89. REAR WINDOW INSTALLATION (WO/WIPER) (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212047	Ref	Rear Window Installation (WO/Wiper) (ANSI)	A
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Cap, Knob M6	
3	1001212049	2	Decal, Emergency Exit	

FIGURE 6-90. REAR WINDOW INSTALLATION (WO/WIPER) (ISO)



ART_1001212048-A

FIGURE 6-90. REAR WINDOW INSTALLATION (WO/WIPER) (ISO)

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

SECTION 7 - CONTROLS

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

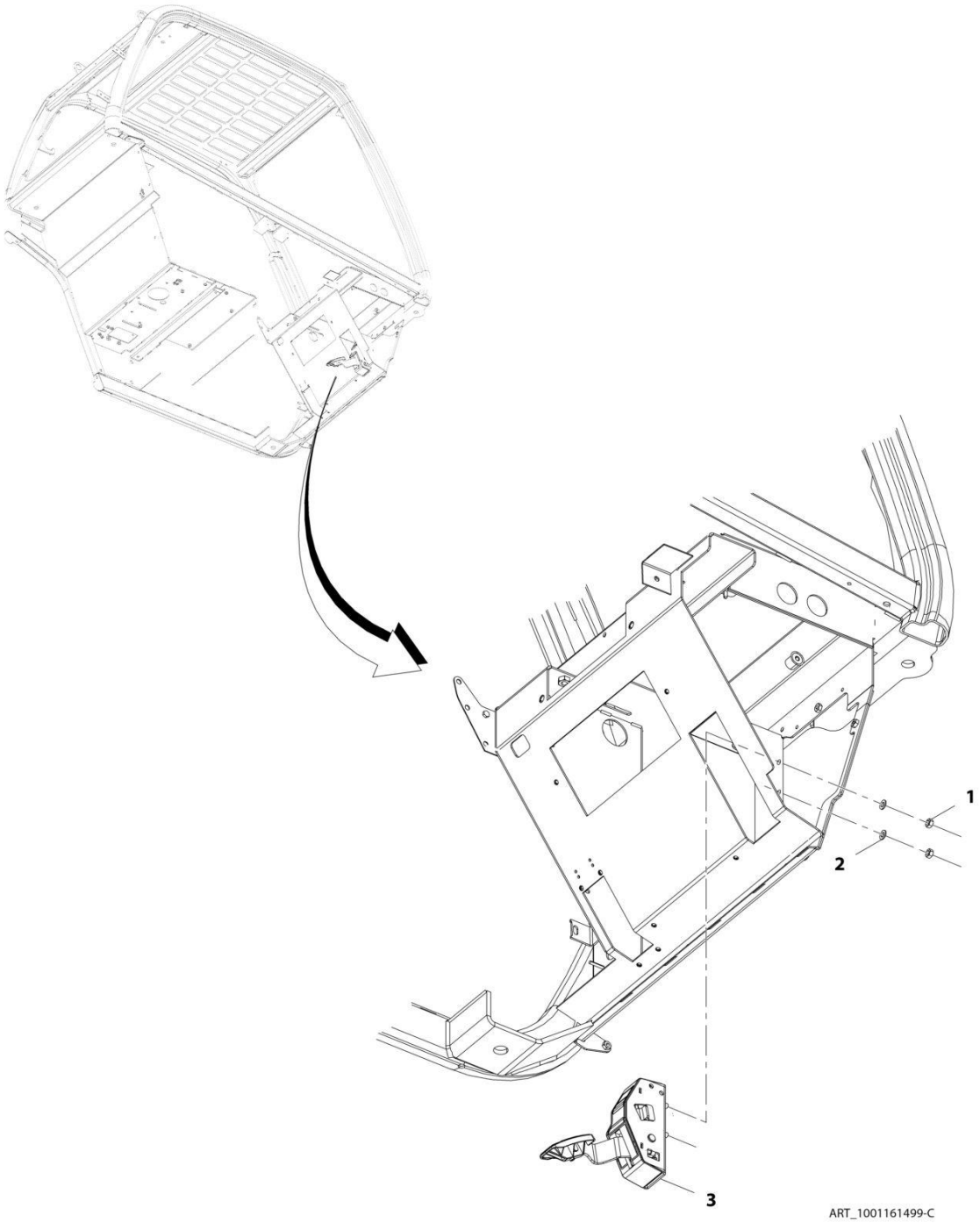


FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

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

FIGURE 7-2. ACCELERATOR PEDAL

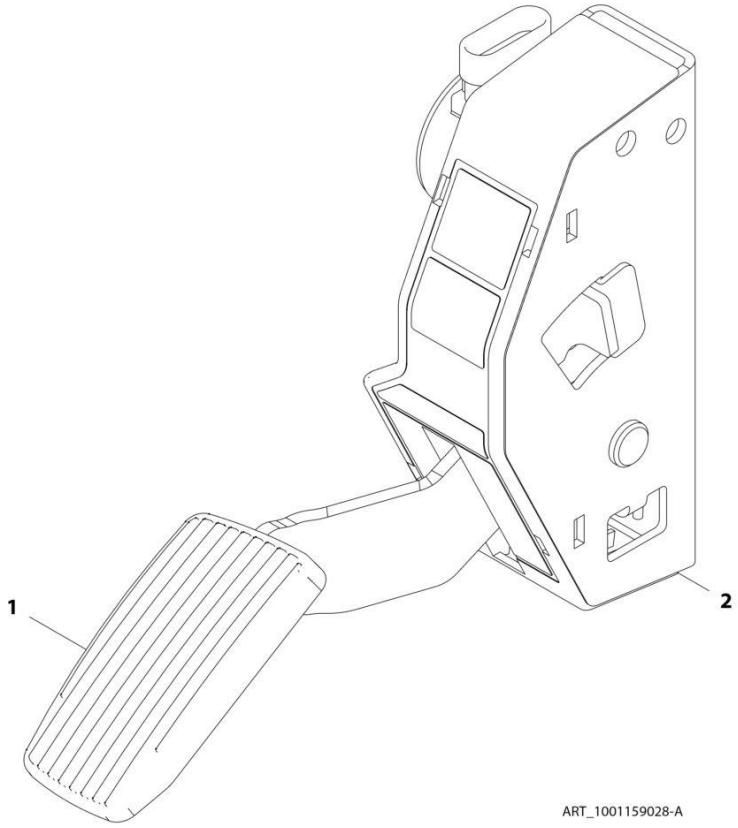


FIGURE 7-2. ACCELERATOR PEDAL

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

FIGURE 7-3. BRAKE INSTALLATION (24IN WHEEL)

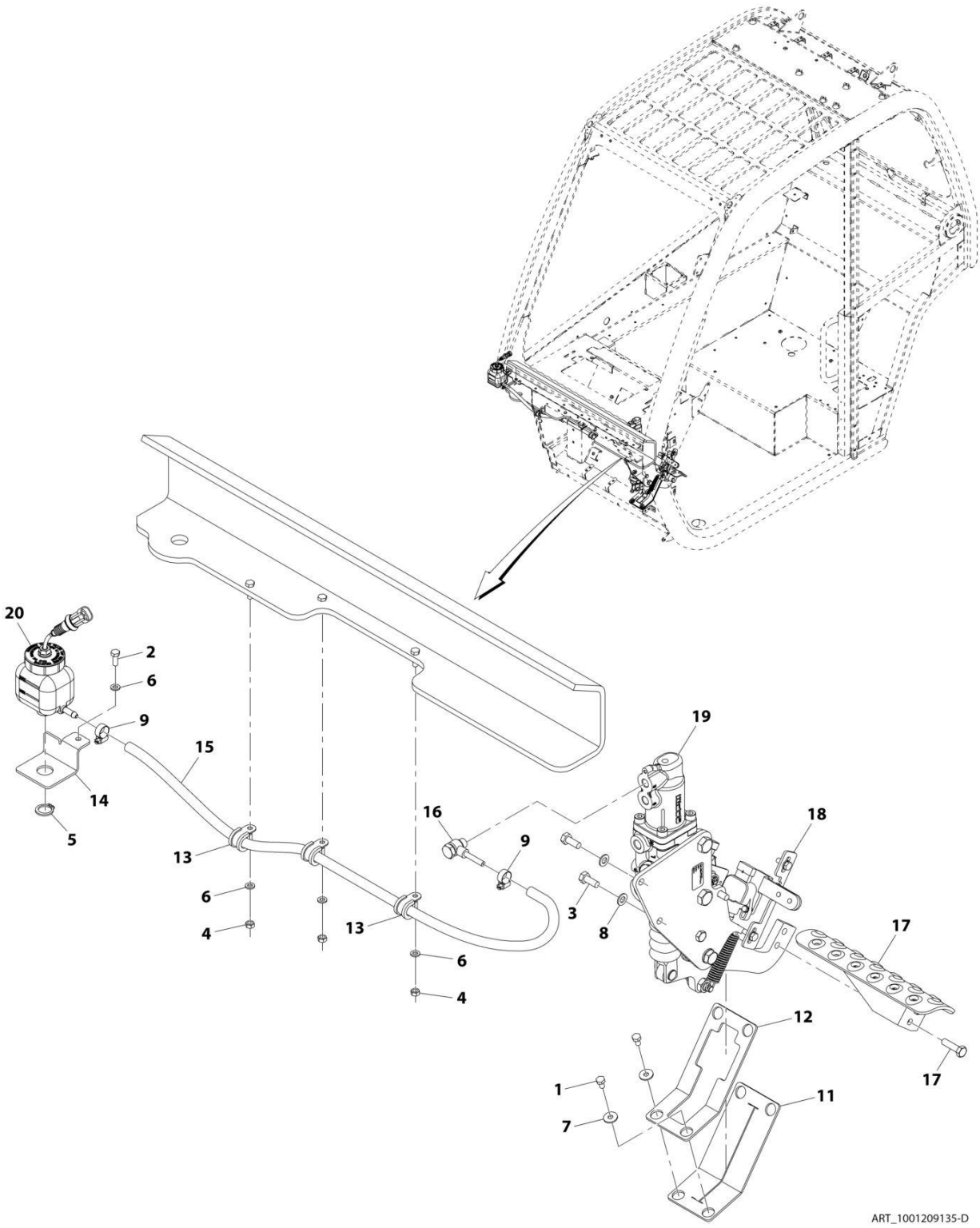
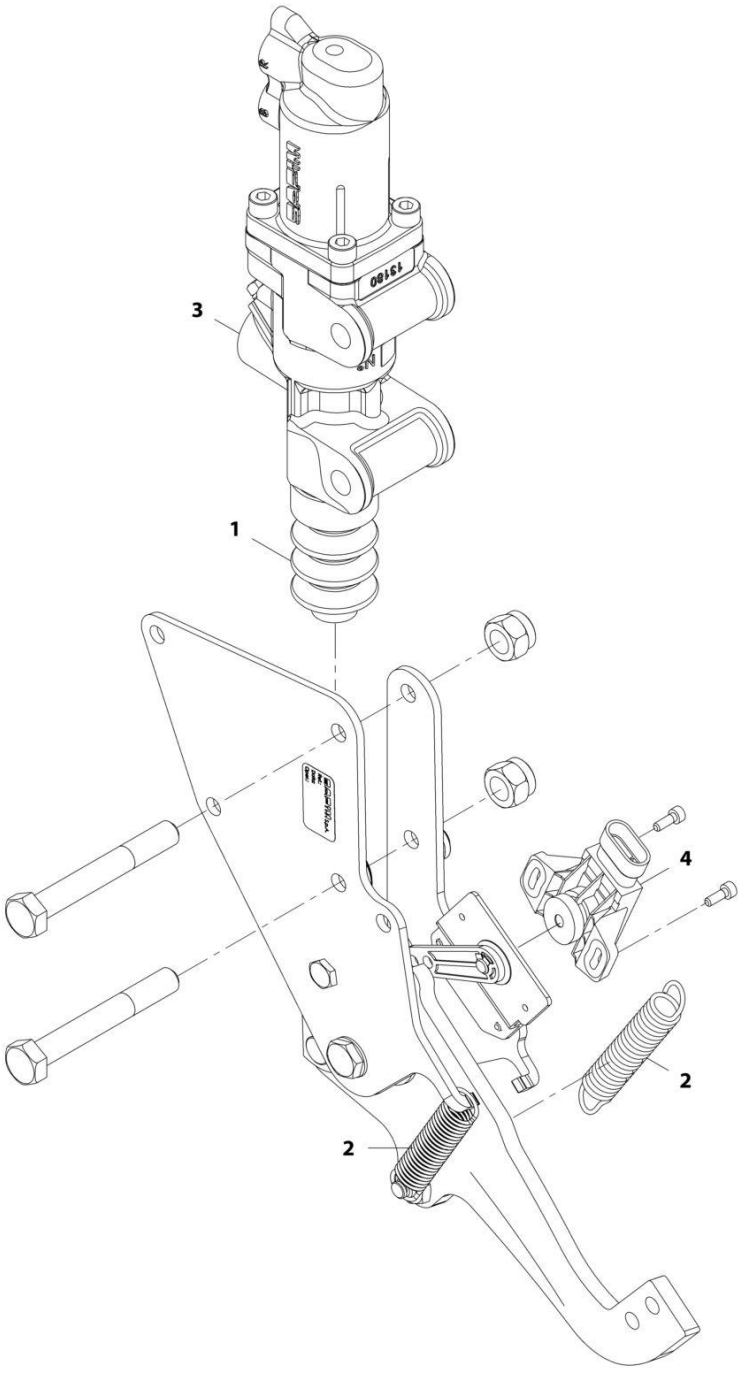


FIGURE 7-3. BRAKE INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209135	Ref	Brake Installation (24IN Wheel)	D
1	0760605	4	Bolt, M6X10	
2	0760608	1	Bolt, M6X16	
3	0760810	3	Bolt, M8X20	
4	3290601	3	Nut, M6X1	
5	3760348	1	Ring, Retaining	
6	4811700	4	Washer, M6	
7	4811702	4	Washer, M6	
8	4811900	3	Washer, M8	
9	8405009	2	Clamp, Gear	
11	1001162920	1	Gasket, Brake Pedal	
12	1001162922	1	Plate	
13	1001170231	3	Clip, M6X15	
14	1001172088	1	Bracket, Brake Reservoir	
15	1001190971	1	Hose	
16	1001191459	1	Adapter	
17	1001197139	1	Plate, Brake Pedal	
18	1001205061	1	Installation, Brake Sensor (See Separate Breakdown in this Section)	
19	1001210441	1	Pedal, Brake (24IN Wheel)	
20	1001214220	1	Reservoir, Brake **(Prior to SN 1160008371)**	
20	1001228974	1	Reservoir, Brake **(SN 1160008371 to Present)**	

FIGURE 7-4. BRAKE PEDAL (24IN WHEEL)



ART_1001210441-A

FIGURE 7-4. BRAKE PEDAL (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210441	1	Brake Pedal (24IN Wheel)	A
1	70025859	1	Cover, Dust	
2	70025860	1	Spring, Return	
3	70027150	1	Cylinder, Master	
4	4000015	1	Sensor, Angle	

FIGURE 7-5. BRAKE INSTALLATION (20IN WHEEL)

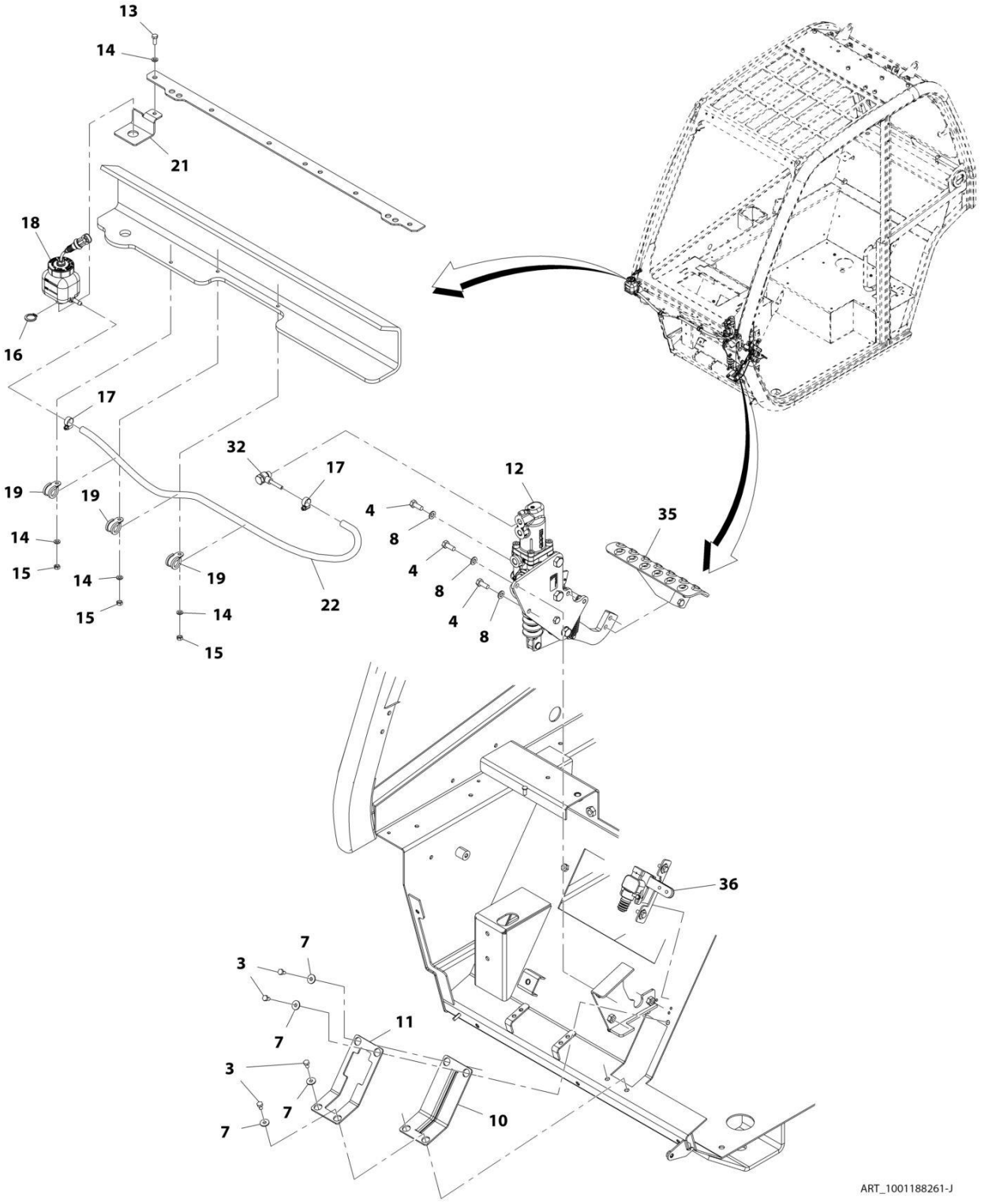


FIGURE 7-5. BRAKE INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188261	Ref	Brake Installation (20IN Wheel)	J
3	0760605	4	Bolt, M6X10	
4	0760810	3	Bolt, M8X20	
7	4811702	4	Washer, M6	
8	4811900	3	Washer, M8	
10	1001162920	1	Gasket, Brake Pedal	
11	1001162922	1	Plate	
12	1001179731	1	Pedal, Brake (20IN Wheel) (See Separate Breakdown in this Section)	
13	0760608	1	Bolt, M6X16	
14	4811700	4	Washer, M6	
15	3290601	3	Nut, M6X1	
16	3760348	1	Ring, Retaining	
17	8405009	2	Clamp, Gear	
18	1001214220	1	Reservoir, Brake **(Prior to SN 1160008371)**	
18	1001228974	1	Reservoir, Brake **(SN 1160008371 to Present)**	
19	1001170231	3	Clip, M6X15	
21	1001172088	1	Bracket, Brake Reservoir	
22	1001190971	1	Hose	
32	1001191459	1	Adapter	
35	1001197139	1	Plate, Brake Pedal (See Separate Breakdown in this Section)	
36	1001205061	Ref	Installation, Brake Sensor (See Separate Breakdown in this Section)	

FIGURE 7-6. BRAKE PEDAL (20IN WHEEL)

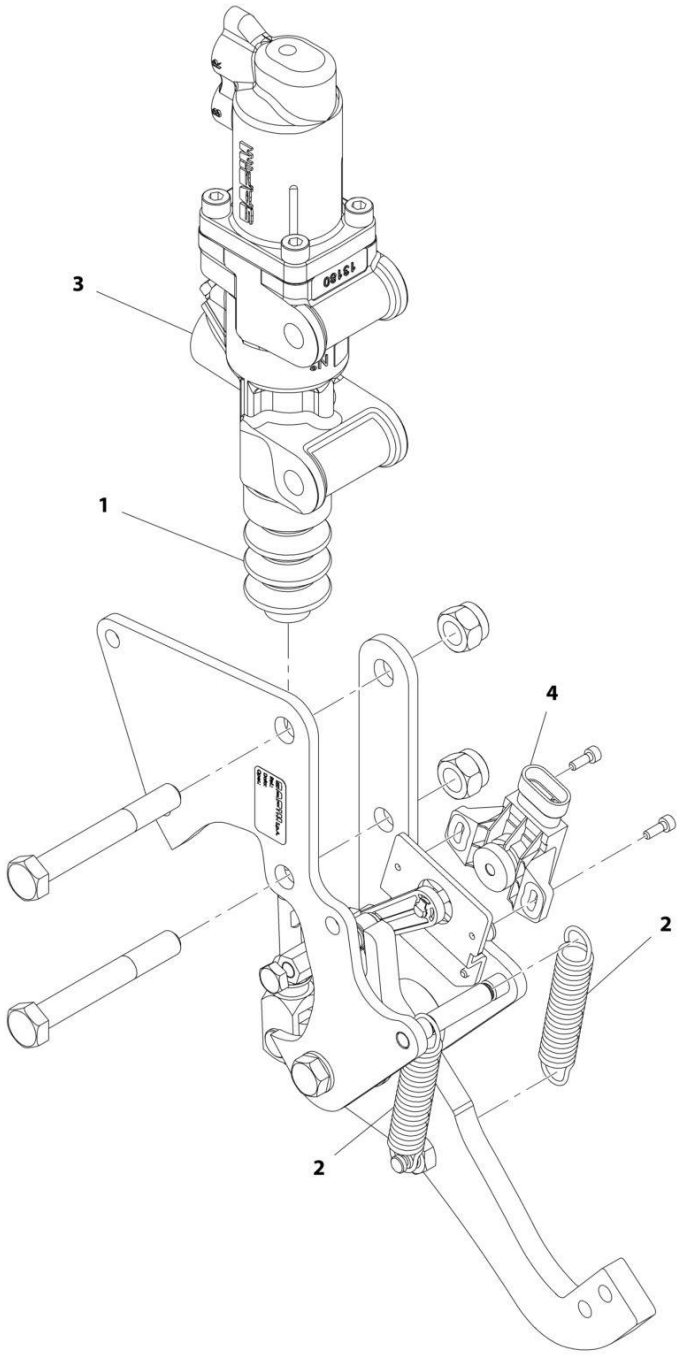


FIGURE 7-6. BRAKE PEDAL (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179731	Ref	Brake Pedal (20IN Wheel)	C
1	70025859	1	Cover, Dust	
2	70025860	1	Spring, Return	
3	70027150	1	Cylinder, Master	
4	4000015	1	Sensor, Angle	

FIGURE 7-7. BRAKE PEDAL PLATE

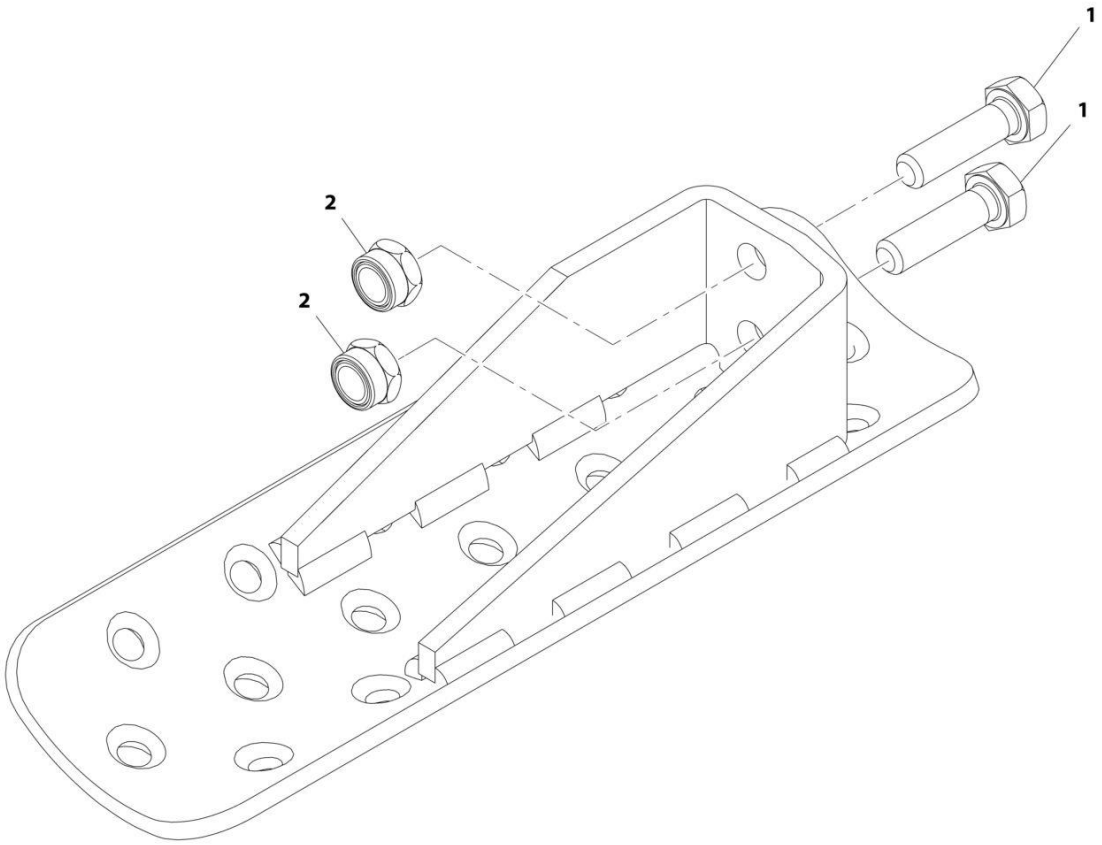


FIGURE 7-7. BRAKE PEDAL PLATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197139	Ref	Brake Pedal Plate	A
1	0770814	1	Bolt, M8X30 Grade 10.9	
2	3290805	1	Nut, Lock M8X1.25 Grade 8	

FIGURE 7-8. BRAKE SENSOR INSTALLATION

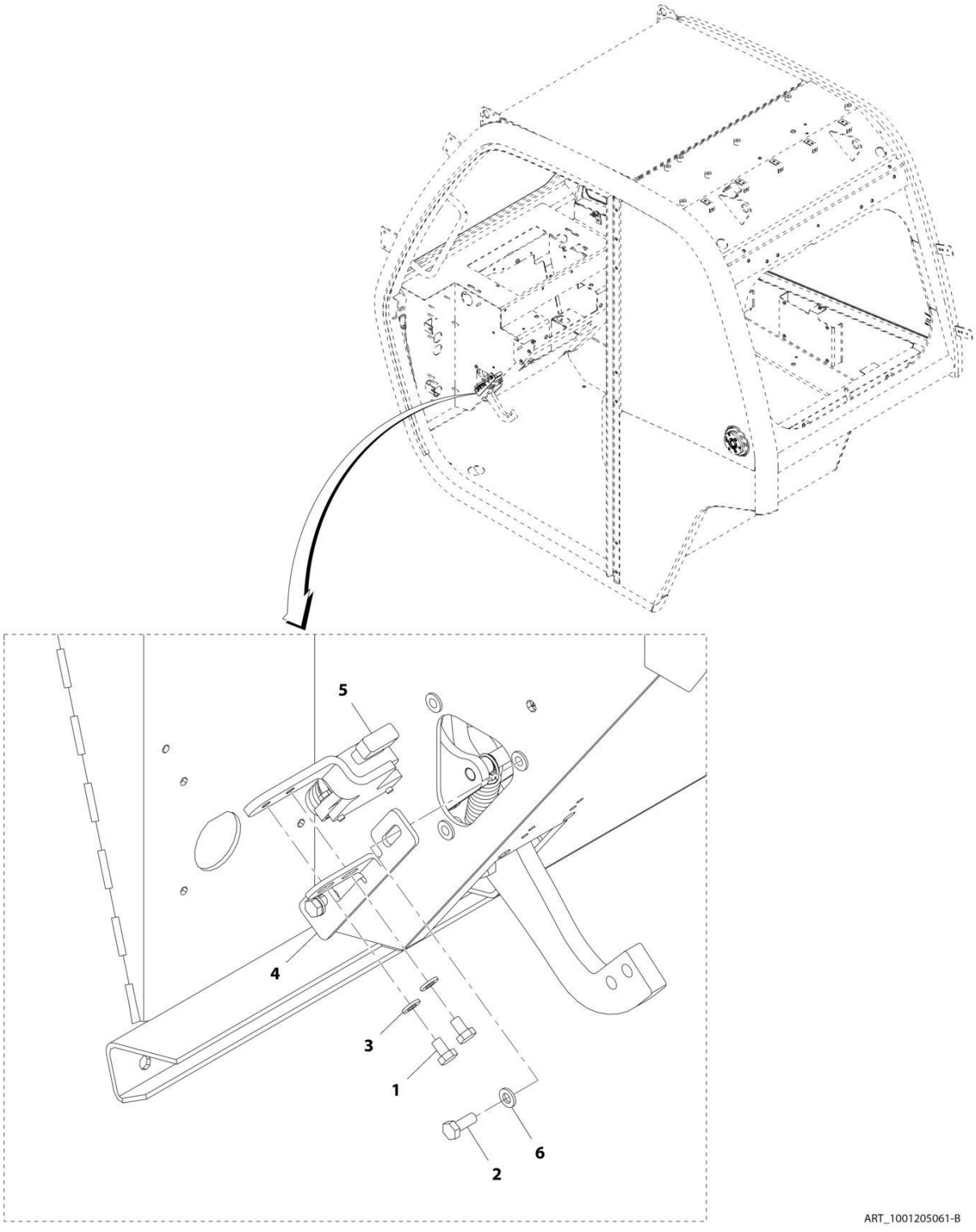
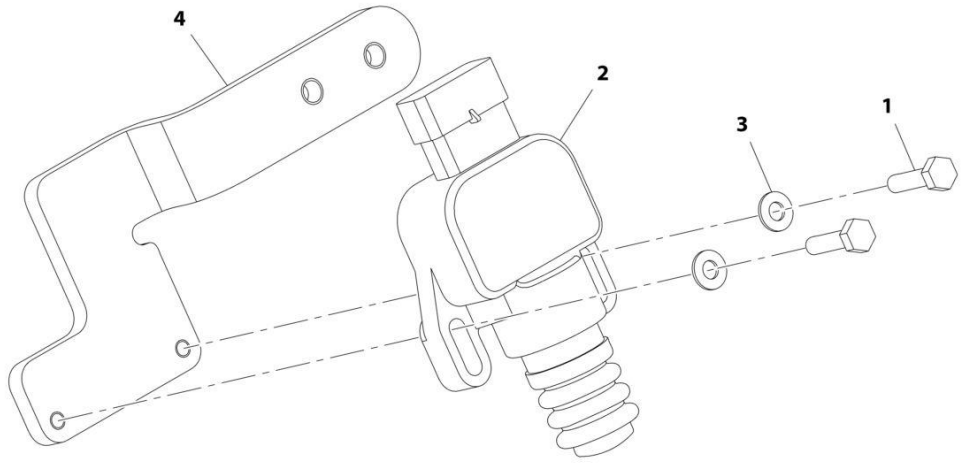


FIGURE 7-8. BRAKE SENSOR INSTALLATION

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

FIGURE 7-9. SWITCH PLATE ASSEMBLY



ART_1001201501-A

FIGURE 7-9. SWITCH PLATE ASSEMBLY

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

FIGURE 7-10. PARKING BRAKE INSTALLATION (SAHR)

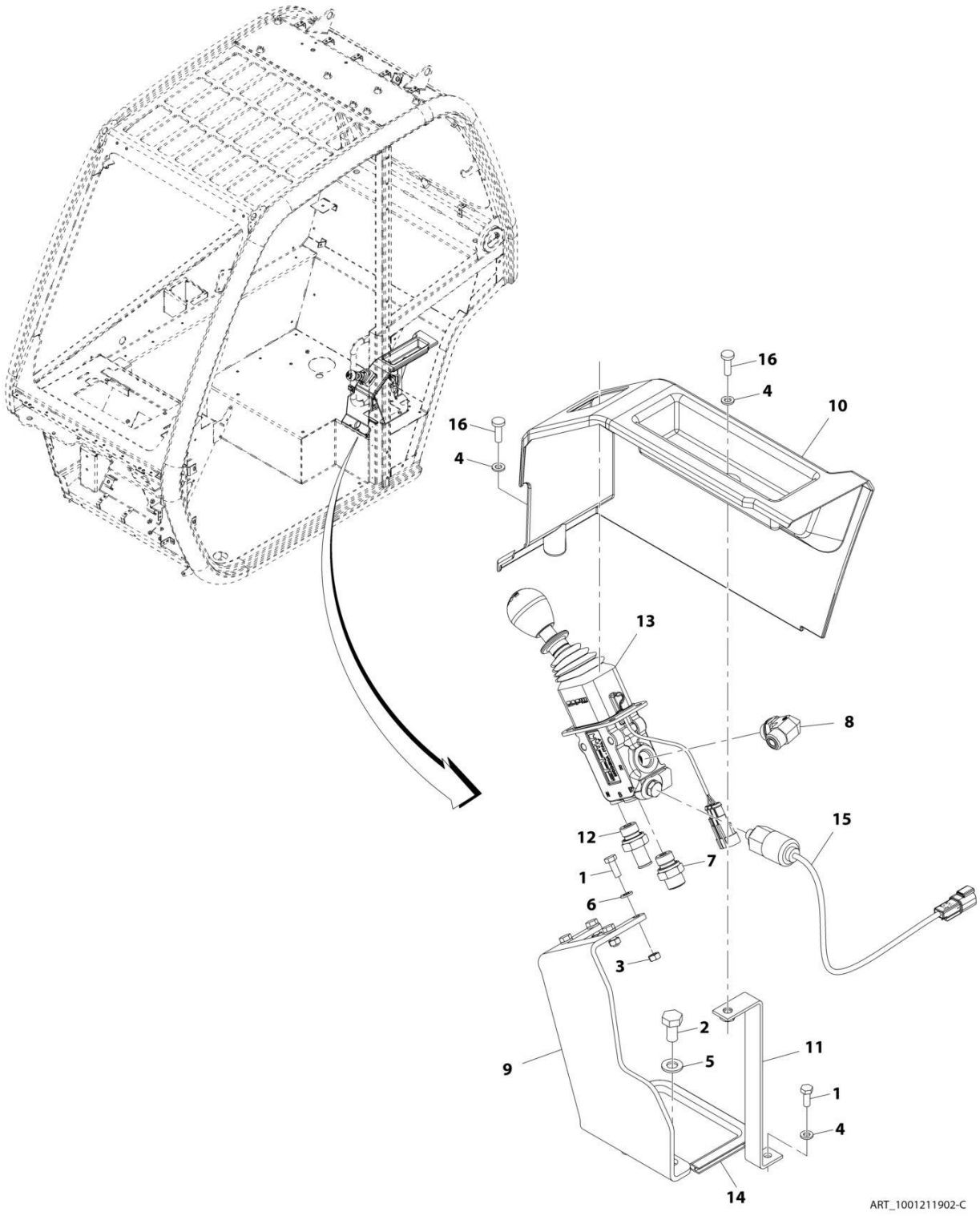


FIGURE 7-10. PARKING BRAKE INSTALLATION (SAHR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211902	Ref	Parking Brake Installation (SAHR)	C
1	0760608	5	Bolt, 6X16	
2	0761010	2	Bolt, M10X20	
3	3290601	4	Nut, M6X1 Grade 8	
4	4811700	3	Washer, M6	
5	4812000	2	Washer, M10	
6	4831700	4	Washer, Lock M6	
7	1001101702	1	Fitting, Straight ORFS	
8	1001125222	1	Fitting, 90 ORFS	
9	1001191915	1	Bracket	
10	1001193474	1	Panel, Brake Cover	
11	1001195254	1	Bracket	
12	1001206744	1	Fitting, Grease	
13	1001207956	1	Valve, Hydraulic Park Brake Release	
14	1001208037	1	Seal	
15	1001211915	1	Switch, Hydraulic Pressure	
16	4010610002	2	Screw, M6X20	

FIGURE 7-11. STEERING COLUMN INSTALLATION (20IN WHEEL)

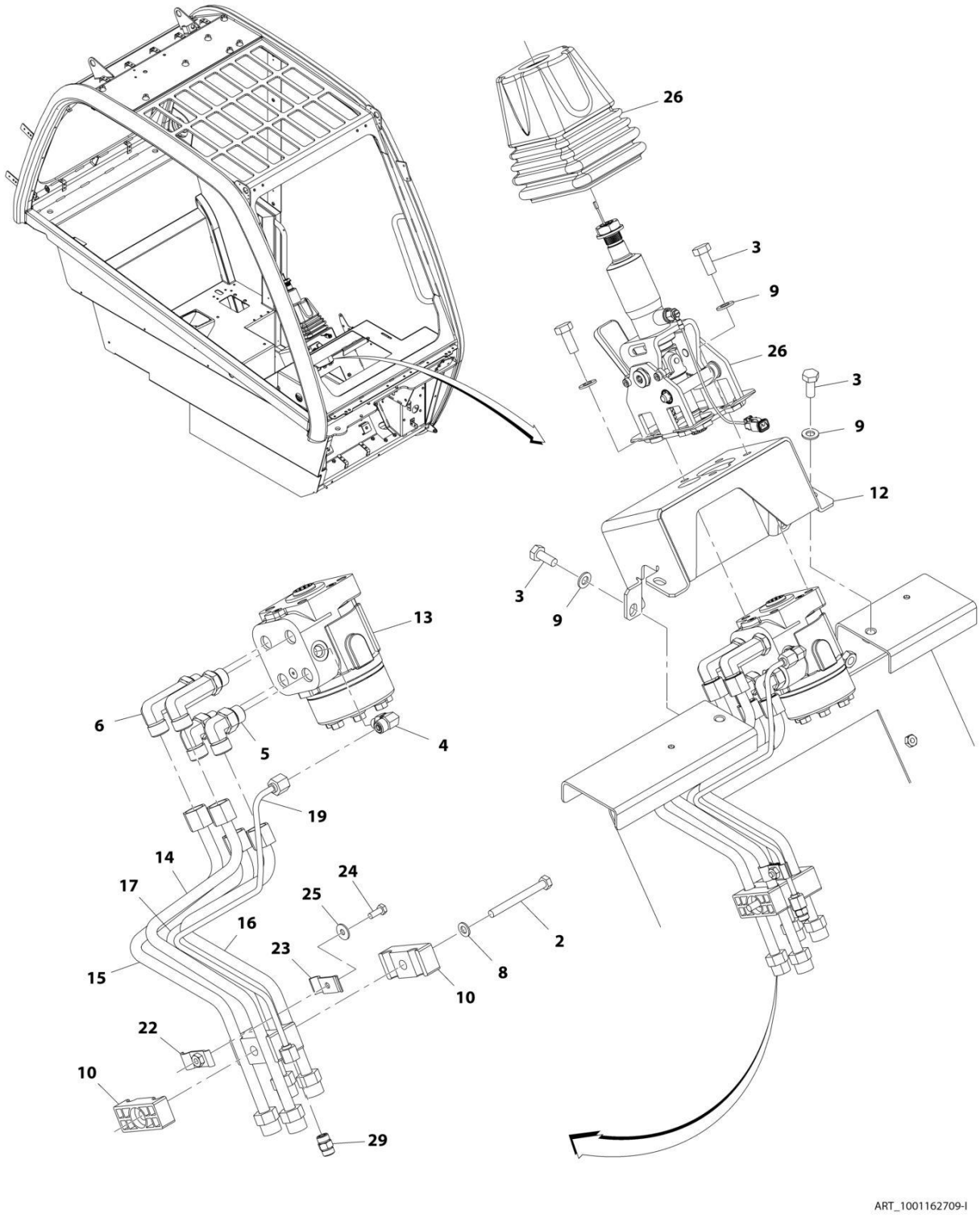


FIGURE 7-11. STEERING COLUMN INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162709	Ref	Steering Column Installation (20IN Wheel)	I
2	0700824	1	Bolt, M8X80	
3	0761012	8	Bolt, M10X25	
4	2130404	1	Fitting, 90 ORFS	
5	2130808	2	Fitting, 90 ORFS	
6	2170208	2	Fitting, 90 ORFS	
8	4811900	1	Washer, M8	
9	4812000	8	Washer, M10	
10	1001004640	4	Clamp	
12	1001156265	1	Bracket, Support	
13	1001215844	1	Valve, Steering Unit **(Prior to SN 1160008371)**	
13	1001225992	1	Valve, Steering Unit **(SN 1160008371 to Present)**	
14	1001161672	1	Pipe	
15	1001161896	1	Pipe	
16	1001161897	1	Pipe	
17	1001161898	1	Pipe	
19	1001162979	1	Pipe	
22	1001168142	1	Bracket	
23	1001168151	1	Bracket	
24	0760608	1	Bolt, M6X16	
25	4811702	1	Washer, M6	
26	1001155276	1	Column, Tilt Steering (See Separate Breakdown in this Section)	
29	1001143857	1	Adapter	

FIGURE 7-12. STEERING COLUMN INSTALLATION

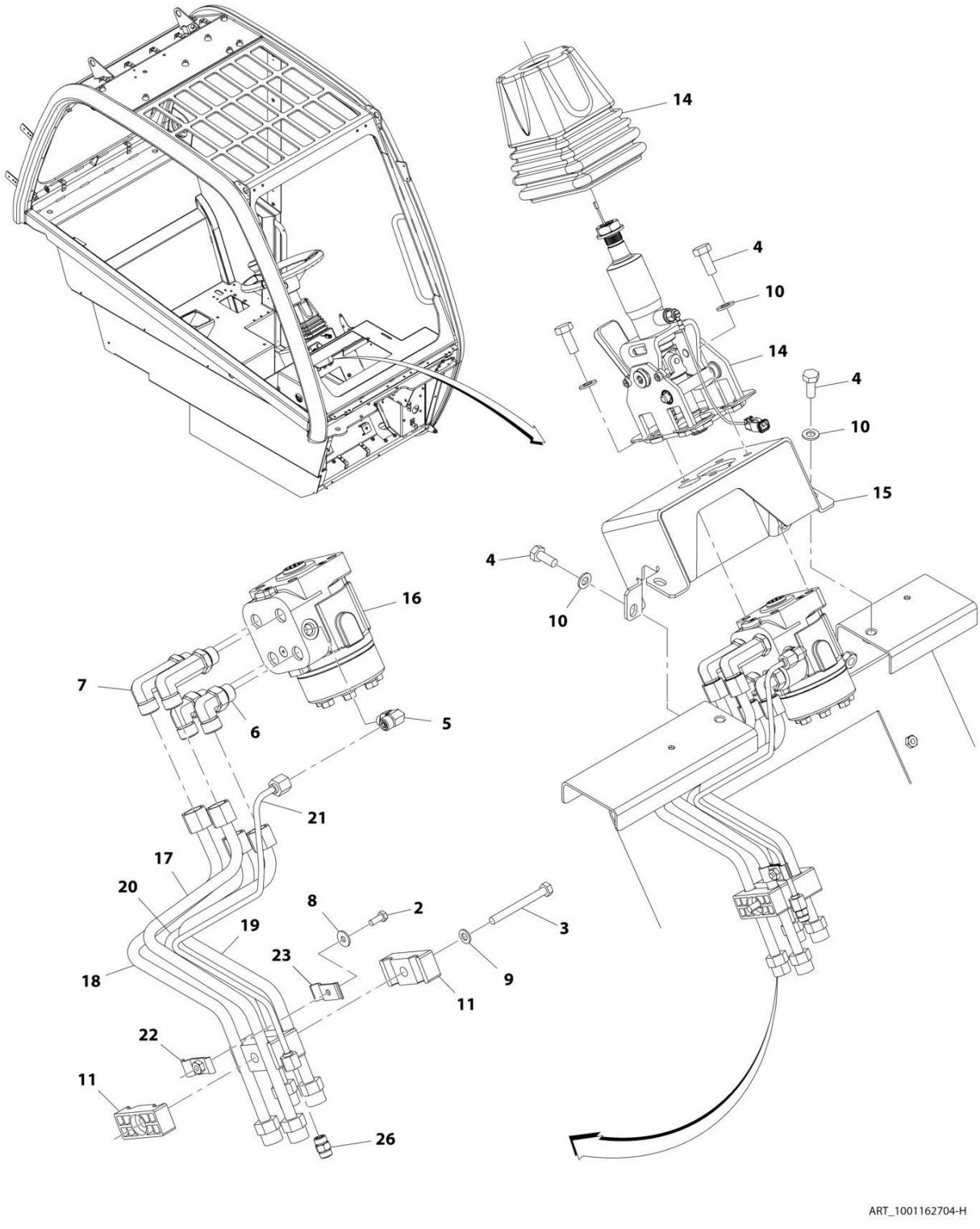


FIGURE 7-12. STEERING COLUMN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162704	Ref	Steering Column Installation	H
2	0760608	1	Bolt, M6X16	
3	0700824	1	Bolt, M8X80	
4	0761012	8	Bolt, M10X25	
5	2130404	1	Fitting, 90 ORFS	
6	2130808	2	Fitting, 90 ORFS	
7	2170208	2	Fitting, 90 ORFS	
8	4811702	1	Washer, M6	
9	4811900	1	Washer, M8	
10	4812000	8	Washer, M10	
11	1001004640	4	Clamp	
14	1001155276	1	Column, Tilt Steering (See Separate Breakdown in this Section)	
15	1001156265	1	Bracket, Support	
16	1001191217	1	Valve, Steering Unit	
17	1001161672	1	Pipe	
18	1001161896	1	Pipe	
19	1001161897	1	Pipe	
20	1001161898	1	Pipe	
21	1001162979	1	Pipe	
22	1001168142	1	Bracket	
23	1001168151	1	Bracket	
26	1001143857	1	Fitting, Straight ORFS	

FIGURE 7-13. TILT STEERING COLUMN

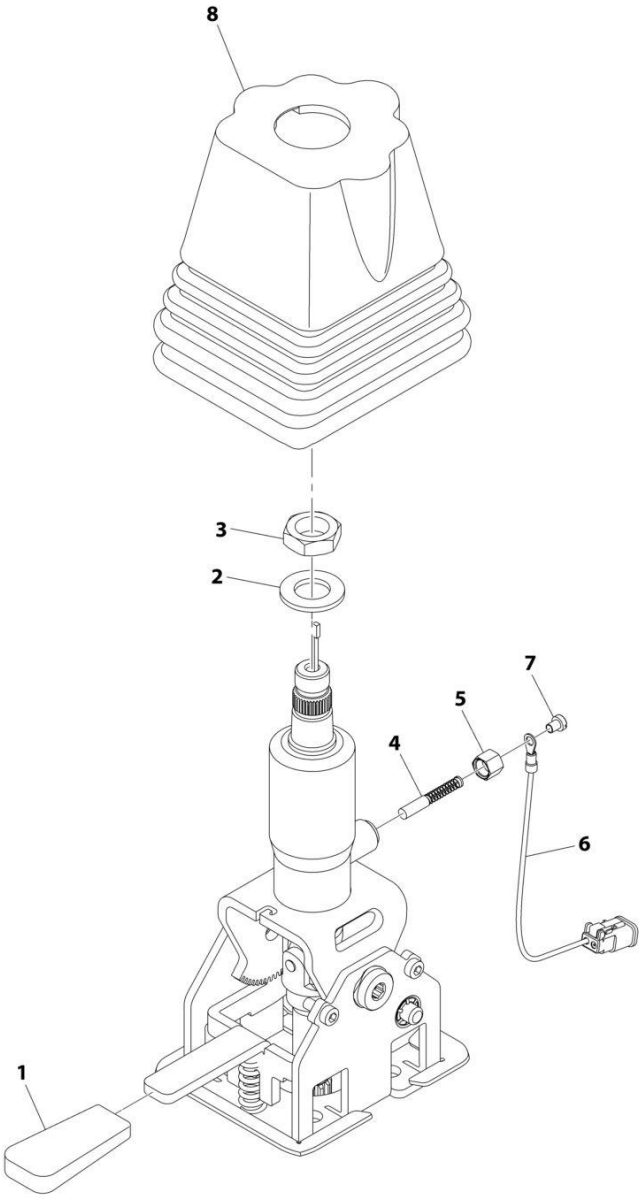


FIGURE 7-13. TILT STEERING COLUMN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155276	Ref	Tilt Steering Column	G
1	70026366	1	Knob	
2	70026364	1	Washer	
3	70026363	1	Nut	
4	70026362	1	Contact, Sliding	
5	70026361	1	Cap, Brass	
6	70026367	1	Cable	
7	70026365	1	Screw, Cap	
8	1001184504	1	Boot	

FIGURE 7-14. WIPER-TURN SWITCH (NO SPEED)

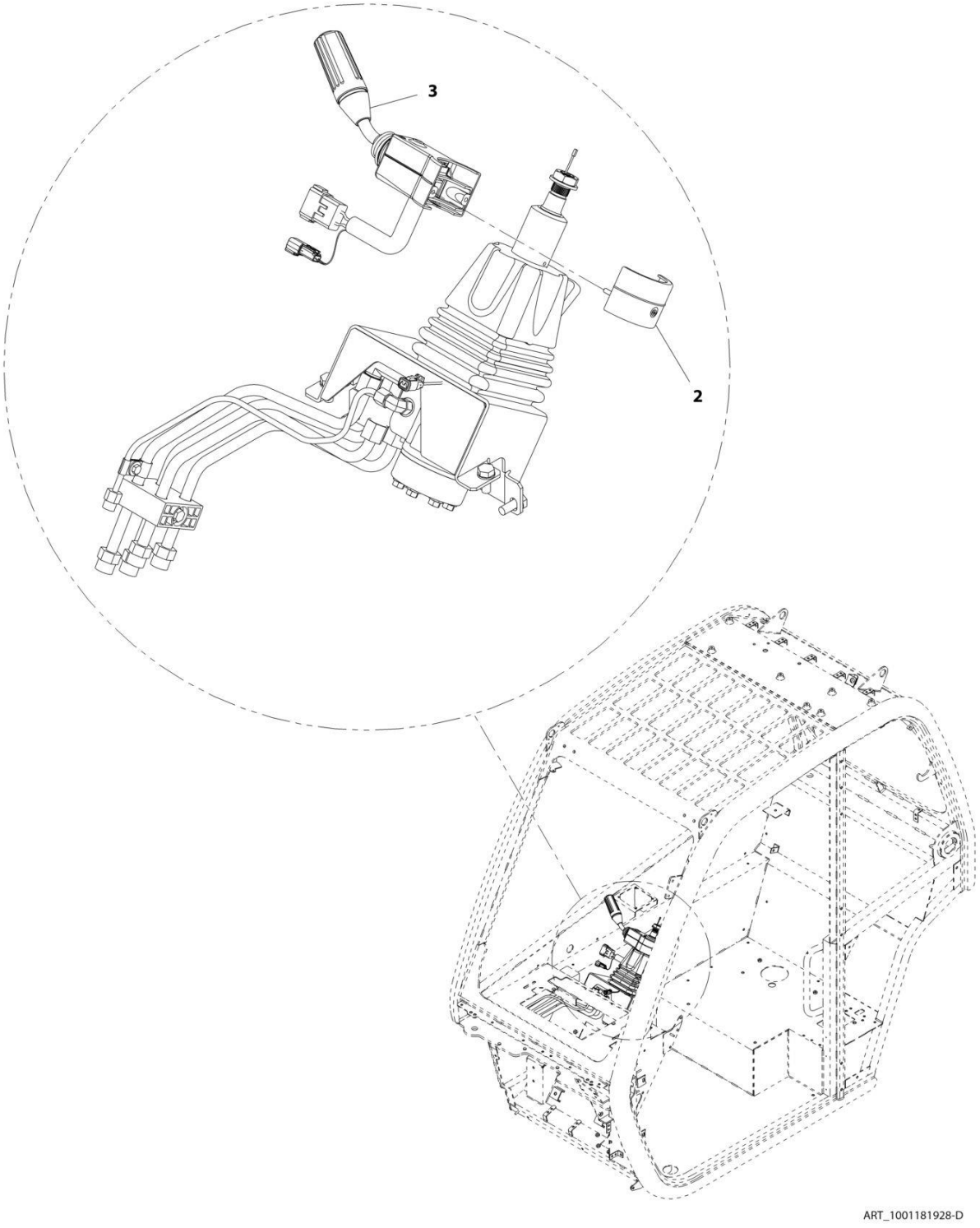


FIGURE 7-14. WIPER-TURN SWITCH (NO SPEED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181928	Ref	Wiper-Turn Switch (No Speed)	D
2	1001146949	1	Clamp	
3	1001214280	1	Switch, Turn-Wiper	

FIGURE 7-15. WIPER-TURN SWITCH (0 SPEED - FNR)

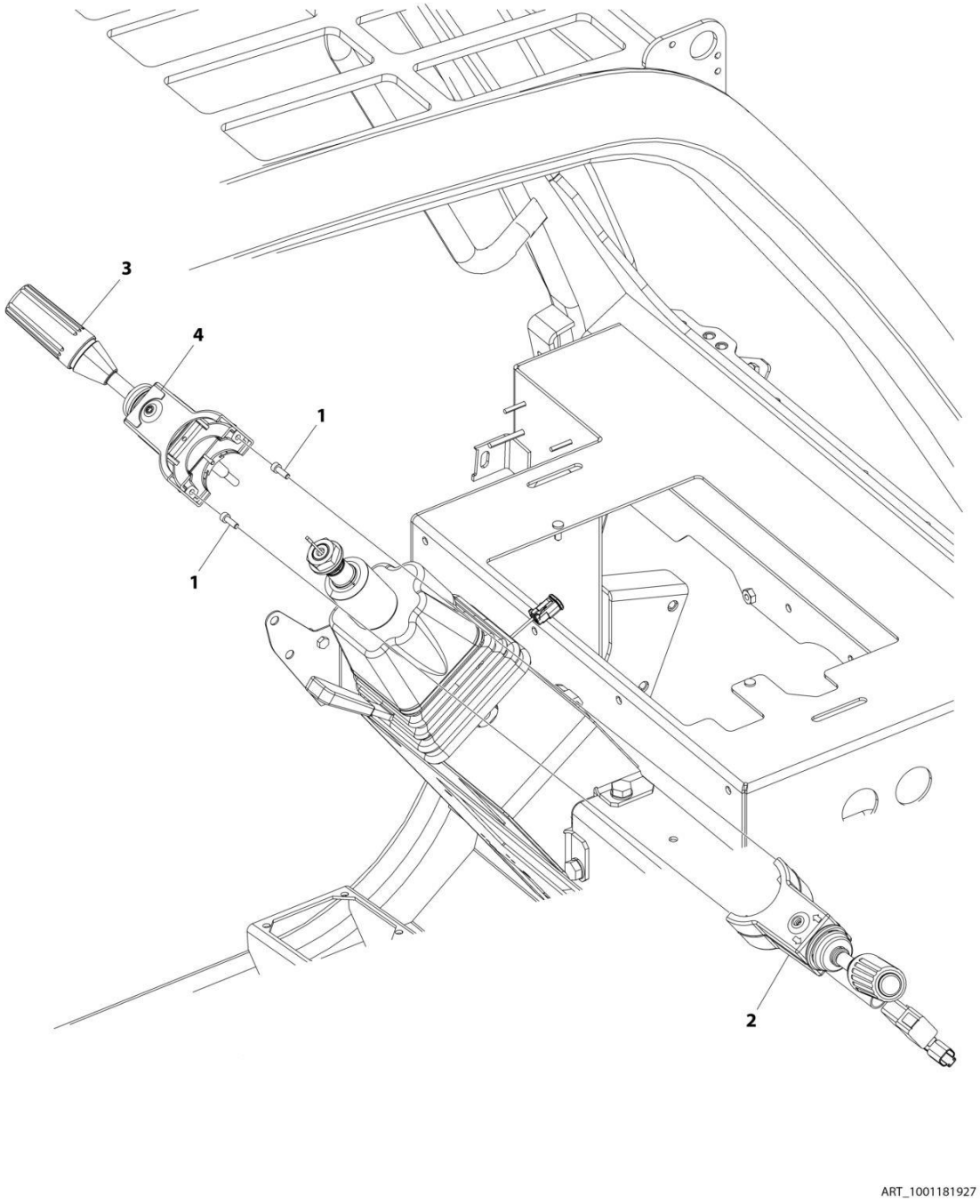


FIGURE 7-15. WIPER-TURN SWITCH (0 SPEED - FNR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181927	Ref	Wiper-Turn Switch (0 Speed - FNR)	F
1	4031607	2	Bolt, M5X16	
2	1001214280	1	Switch, Turn-Wiper	
3	1001257348	1	Switch, Zero Speed	
4	1001236402	1	Decal	

FIGURE 7-16. STEERING WHEEL INSTALLATION (24IN WHEEL)

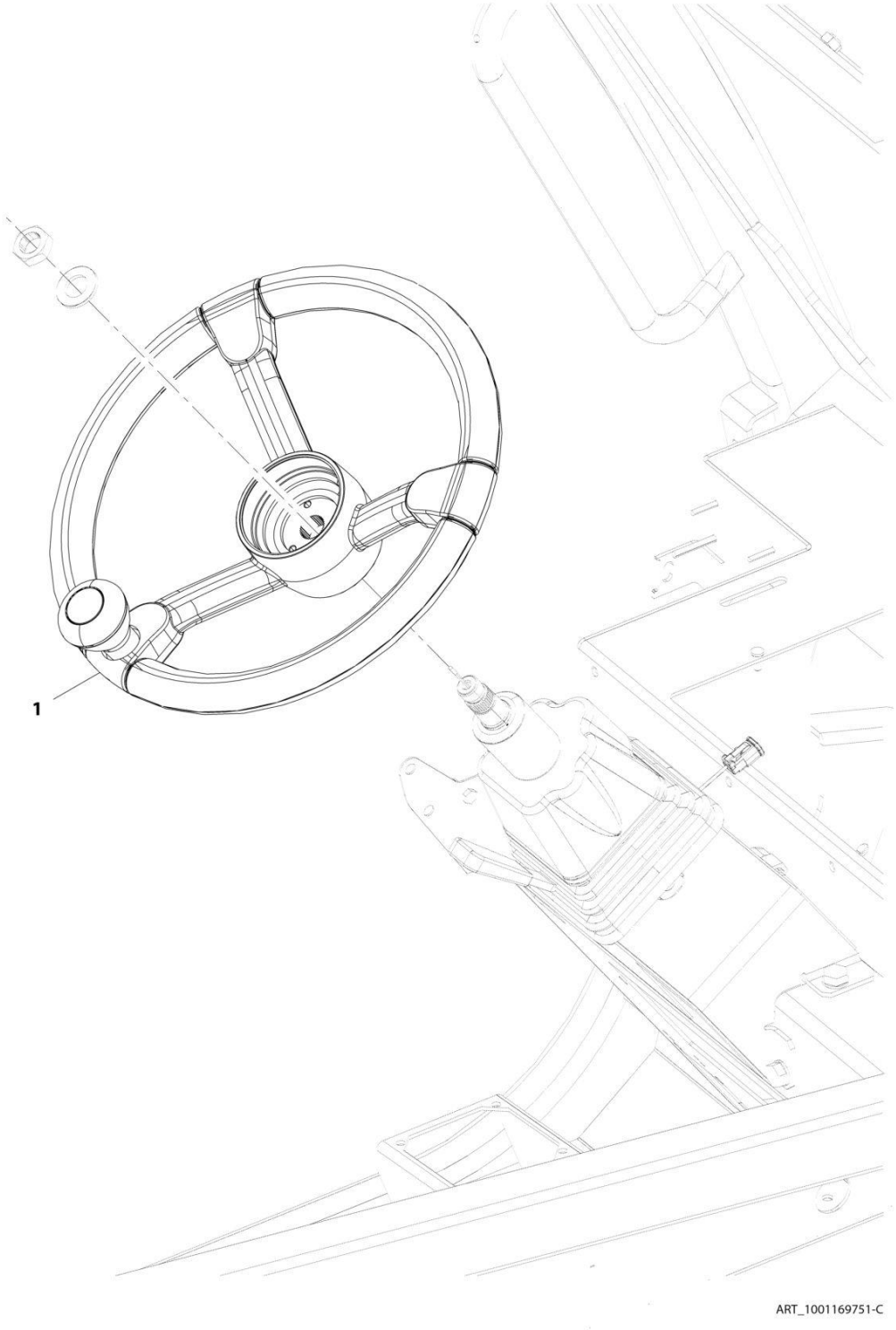
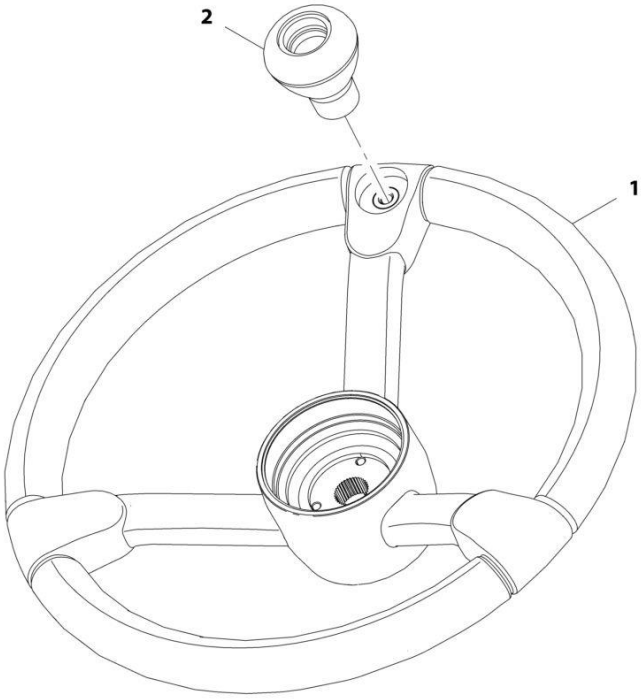


FIGURE 7-16. STEERING WHEEL INSTALLATION (24IN WHEEL)

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

FIGURE 7-17. STEERING WHEEL

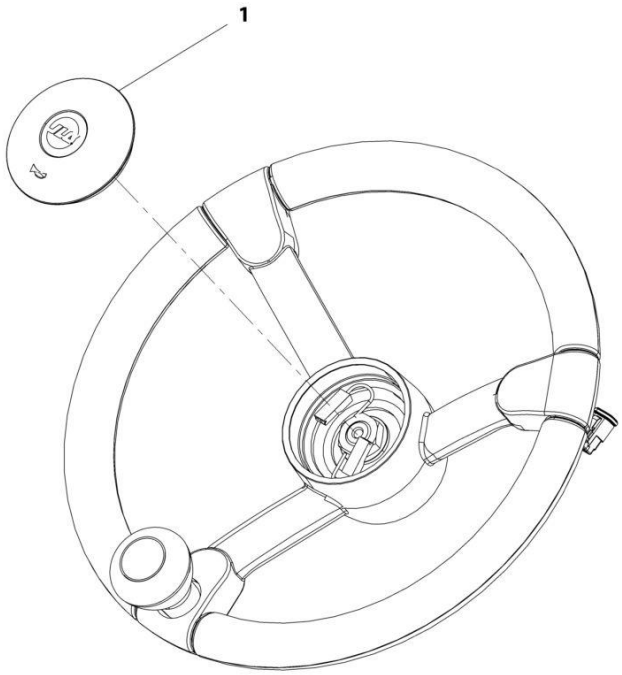


ART_1001169354-D

FIGURE 7-17. STEERING WHEEL

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

FIGURE 7-18. HORN BUTTON INSTALLATION (JLG)



ART_1001169763-A

FIGURE 7-18. HORN BUTTON INSTALLATION (JLG)

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

FIGURE 7-19. JOYSTICK INSTALLATION

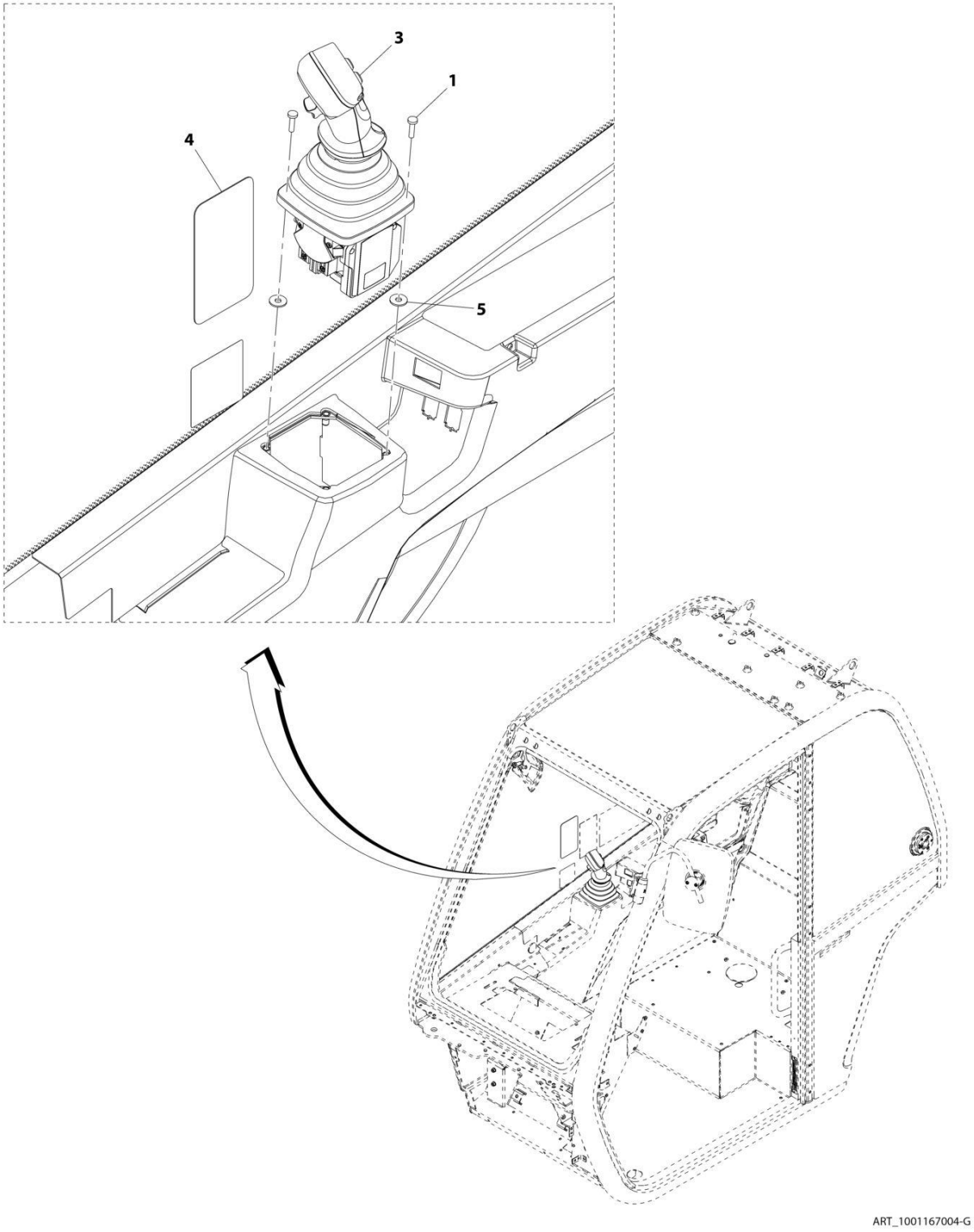


FIGURE 7-19. JOYSTICK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167004	Ref	Joystick Installation	H
1	4010510	4	Screw, M5X20	
3	1001222603	1	Joystick	
4	1001236404	NLA	Decal, Joystick (no longer available, use 1001241950 for replacement)	
4	1001241950	1	Decal, Joystick	
5	4811702001	AR	Washer, M6	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION

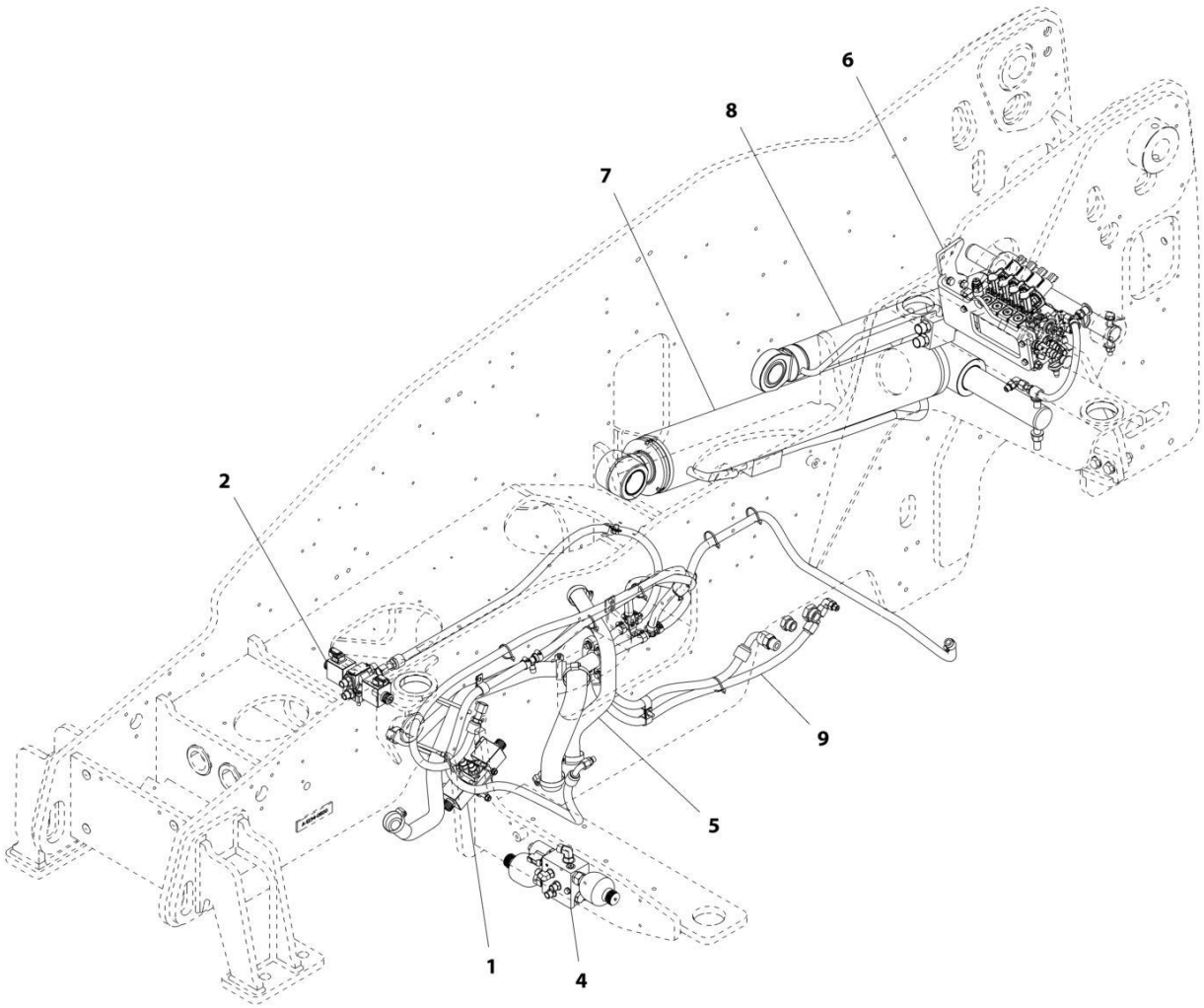


FIGURE 8-1. COMMON HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174033	Ref	Common Hydraulics Installation	C
1	1001174064	Ref	Installation, Steering Select Valve (See Separate Breakdown in this Section)	
2	1001183071	Ref	Installation, Speed Select Valve (See Separate Breakdown in this Section)	
4	1001206498	Ref	Installation, Brake Accumulator (See Separate Breakdown in this Section)	
5	1001174066	Ref	Installation, Suction Lines (See Separate Breakdown in this Section)	
6	1001174068	Ref	Installation, Main Control Valve (See Separate Breakdown in this Section)	
7	1001174072	Ref	Installation, Lift Cylinder (See Separate Breakdown in this Section)	
8	1001174074	Ref	Assembly, Compensation Cylinder (See Separate Breakdown in Hydraulic Components Section)	
9	1001174080	Ref	Installation, Return Lines (See Separate Breakdown in this Section)	

FIGURE 8-2. HYDRAULICS INSTALLATION (20IN WHEEL)

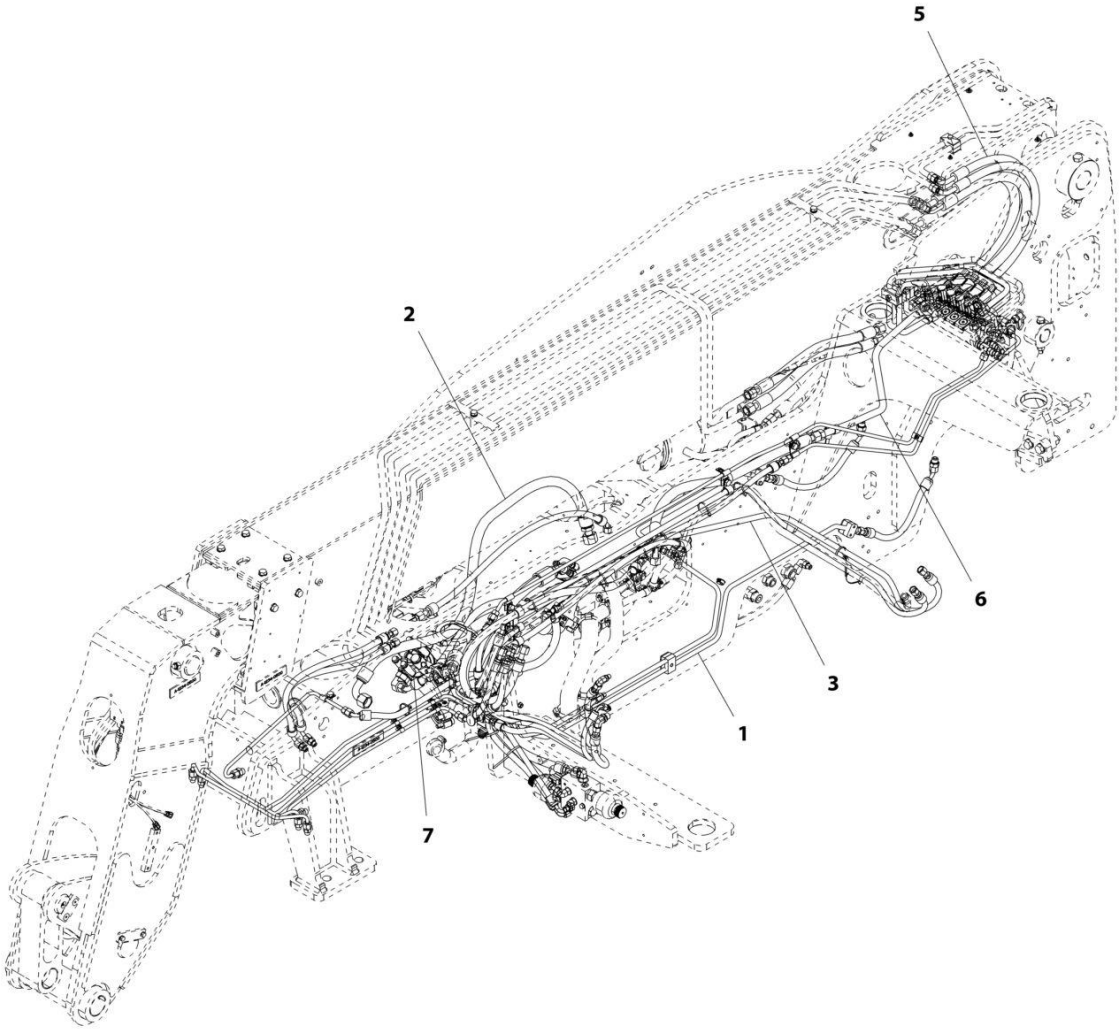


FIGURE 8-2. HYDRAULICS INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174058	Ref	Hydraulics Installation (20IN Wheel)	B
1	1001174081	Ref	Installation, Steering Lines (20IN Wheel) (See Separate Breakdown in this Section)	
2	1001174087	Ref	Installation, Hydrostatic Lines (See Separate Breakdown in this Section)	
3	1001174084	Ref	Installation, Brake Lines (20IN Wheel) (See Separate Breakdown in this Section)	
5	1001184674	Ref	Installation, Main Control Valve Lines (See Separate Breakdown in this Section)	
6	1001174079	Ref	Installation, Implement Lines (See Separate Breakdown in this Section)	
7	1001183386	Ref	Installation, Implement Pump Filter (See Separate Breakdown in this Section)	

FIGURE 8-3. HYDRAULICS INSTALLATION (24IN WHEEL)

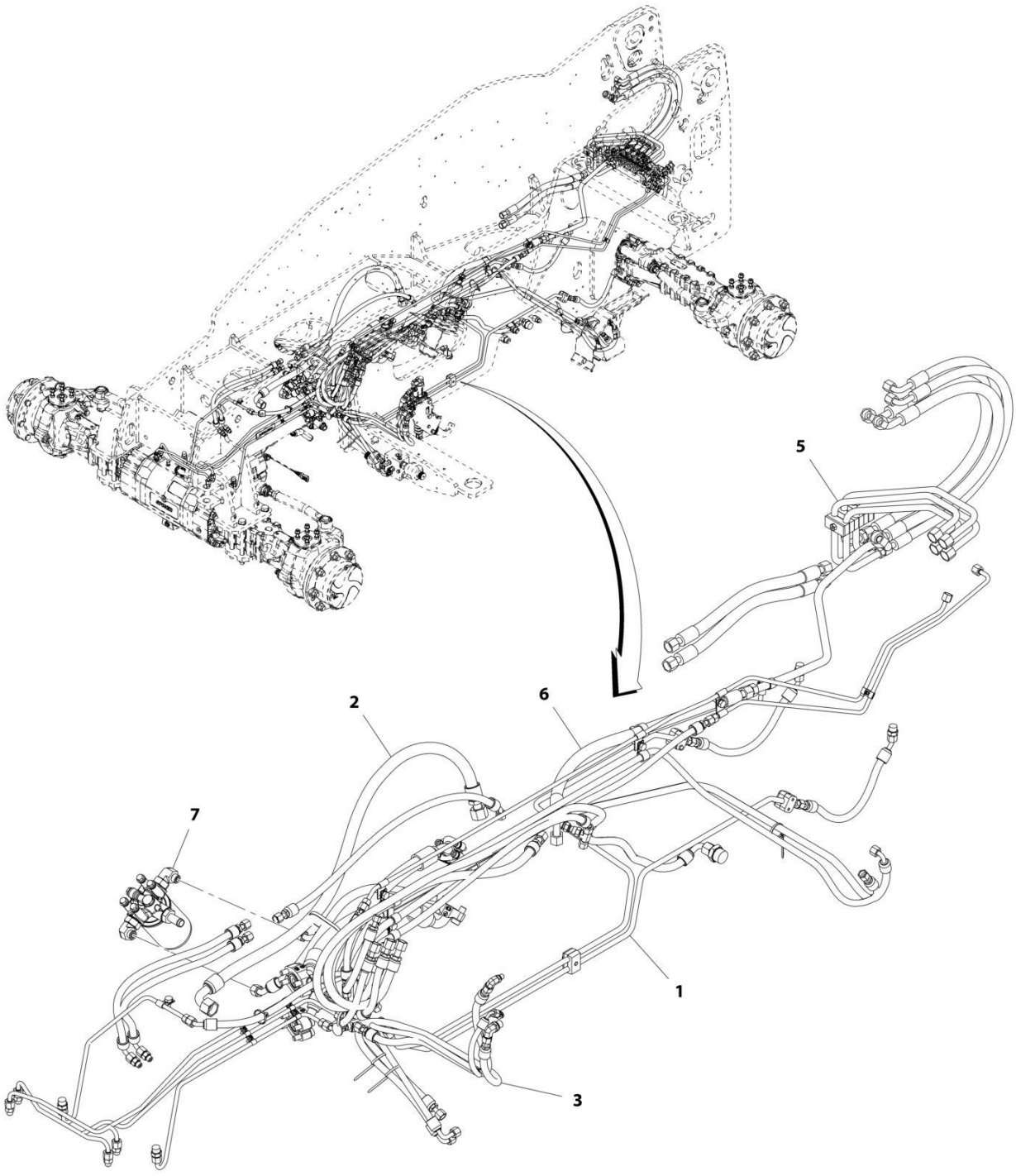


FIGURE 8-3. HYDRAULICS INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205816	Ref	Hydraulics Installation (24IN Wheel)	A
1	1001205817	Ref	Installation, Steering Lines (24IN Wheel) (See Separate Breakdown in this Section)	
2	1001174087	Ref	Installation, Hydrostatic Lines (See Separate Breakdown in this Section)	
3	1001205818	Ref	Installation, Brake Lines (24IN Wheel) (See Separate Breakdown in this Section)	
5	1001184674	Ref	Installation, Main Control Valve Lines (See Separate Breakdown in this Section)	
6	1001174079	Ref	Installation, Implement Lines (See Separate Breakdown in this Section)	
7	1001183386	Ref	Installation, Implement Pump Filter (See Separate Breakdown in this Section)	

FIGURE 8-4. MAIN CONTROL VALVE INSTALLATION (Prior to SN 1160008371)

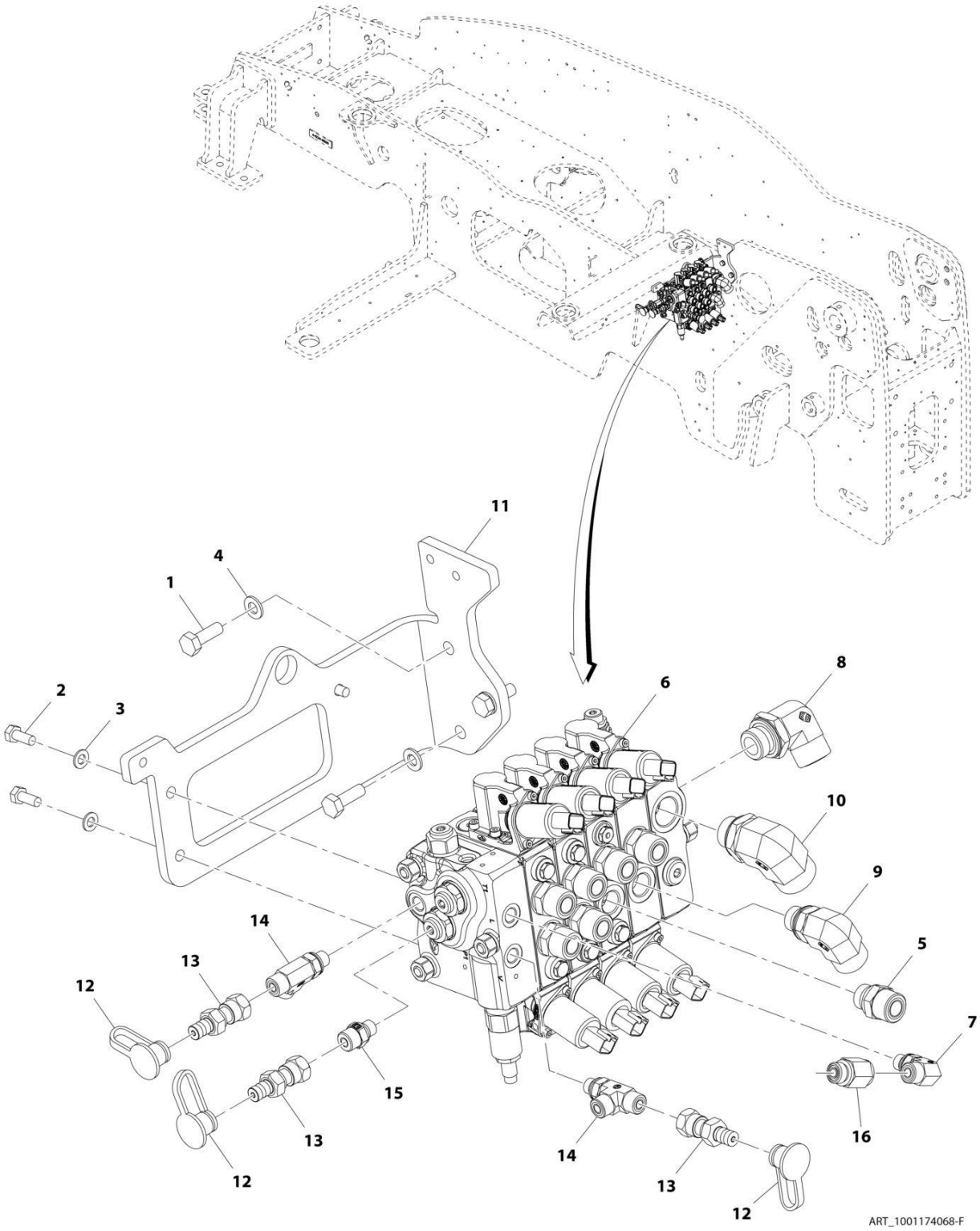


FIGURE 8-4. MAIN CONTROL VALVE INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174068	Ref	Main Control Valve Installation	F
1	0701014	3	Bolt, M10X30	
2	0760810	3	Bolt, M10X20	
3	4811900	3	Washer, M8	
4	4812000	3	Washer, M10	
5	1001142089	7	Fitting, Straight ORFS	
6	1001200899	1	Valve, Main Control(See Separate Breakdown in Hydraulic Components Section)	
7	1001184365	1	Fitting, 90 ORFS	
8	1001193411	1	Fitting, 90 ORFS	
9	1001220724	1	Fitting, 90 ORFS	
10	1001184409	1	Fitting, 90 ORFS	
11	1001194794	1	Bracket	
12	1001008761	3	Cap	
13	8430081	3	Fitting, Straight ORFS	
14	1001169800	2	Fitting, Tee ORFS	
15	1001183293	1	Fitting, Straight ORFS	
16	4641316	1	Check Valve	

FIGURE 8-5. MAIN CONTROL VALVE INSTALLATION (SN 1160008371 to Present)

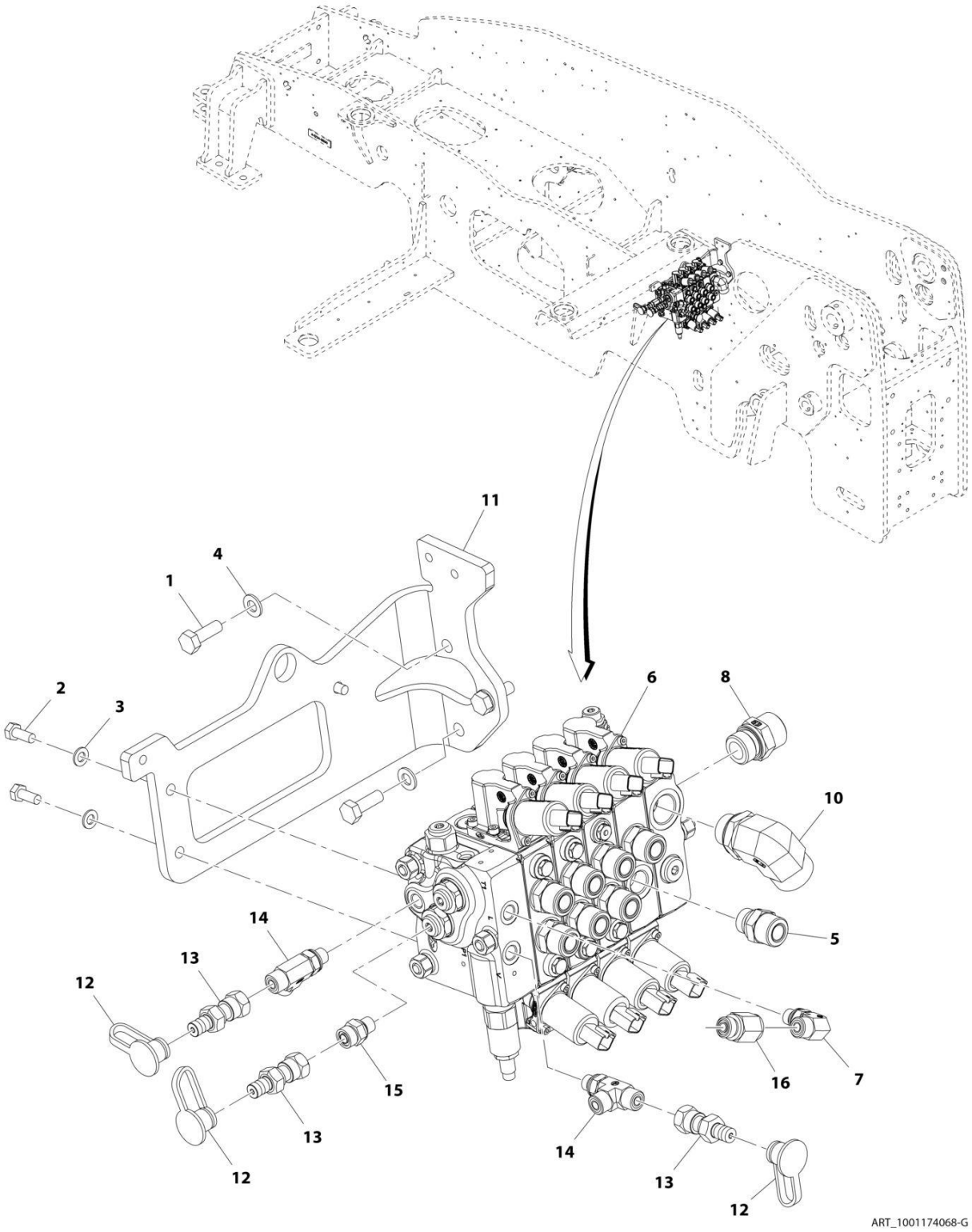


FIGURE 8-5. MAIN CONTROL VALVE INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174068	Ref	Main Control Valve Installation	G
1	0701014	3	Bolt, M10X30	
2	0760810	3	Bolt, M10X20	
3	4811900	3	Washer, M8	
4	4812000	3	Washer, M10	
5	1001142089	8	Fitting, Straight ORFS	
6	1001200899	1	Valve, Main Control(See Separate Breakdown in Hydraulic Components Section)	
7	1001184365	1	Fitting, 90 ORFS	
8	1001169806	1	Fitting, Straight ORFS	
10	1001184409	1	Fitting, 90 ORFS	
11	1001226188	1	Bracket	
12	1001008761	3	Cap	
13	8430081	3	Fitting, Straight ORFS	
14	1001169800	2	Fitting, Tee ORFS	
15	80233218	1	Fitting, Straight ORFS	
16	4641316	1	Check Valve	

FIGURE 8-6. MAIN CONTROL VALVE LINES INSTALLATION

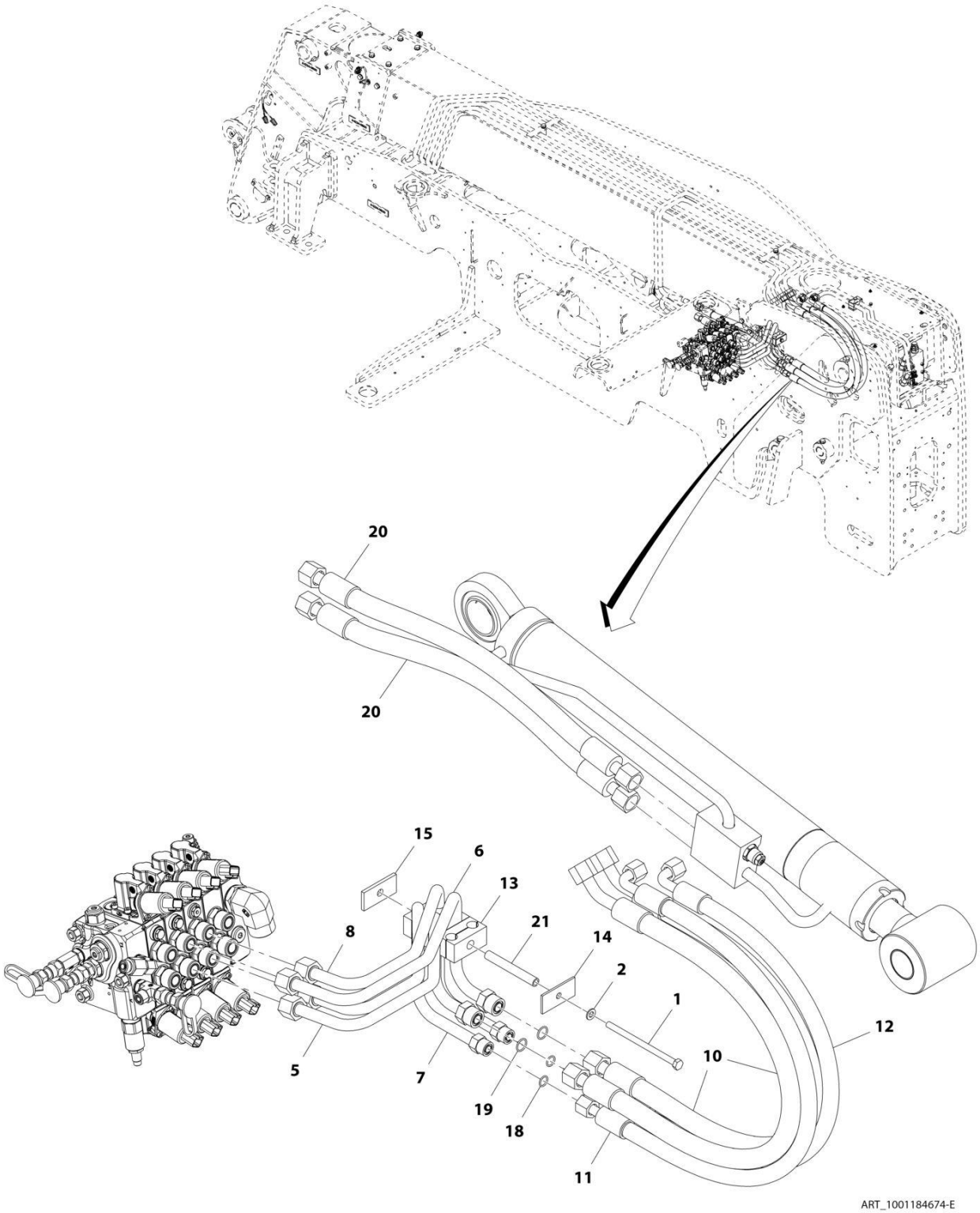


FIGURE 8-6. MAIN CONTROL VALVE LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184674	Ref	Main Control Valve Lines Installation	E
1	0700830	1	Bolt, M8X130	
2	4811900	1	Washer, M8	
5	1001184603	1	Pipe	
6	1001184604	1	Pipe	
7	1001184605	1	Pipe	
8	1001184606	1	Pipe	
10	1001184671	2	Hose, ORFS	
11	1001184672	1	Hose, ORFS	
12	1001184673	1	Hose, ORFS	
13	1001202496	6	Clamp, M16	
14	1001184679	1	Plate	
15	1001184686	1	Plate	
18	1001008805	2	Seal	
19	1001008922	2	Seal	
20	1001200714	2	Hose, ORFS	
21	1001202497	1	Tube	

FIGURE 8-7. STEERING SELECT VALVE INSTALLATION

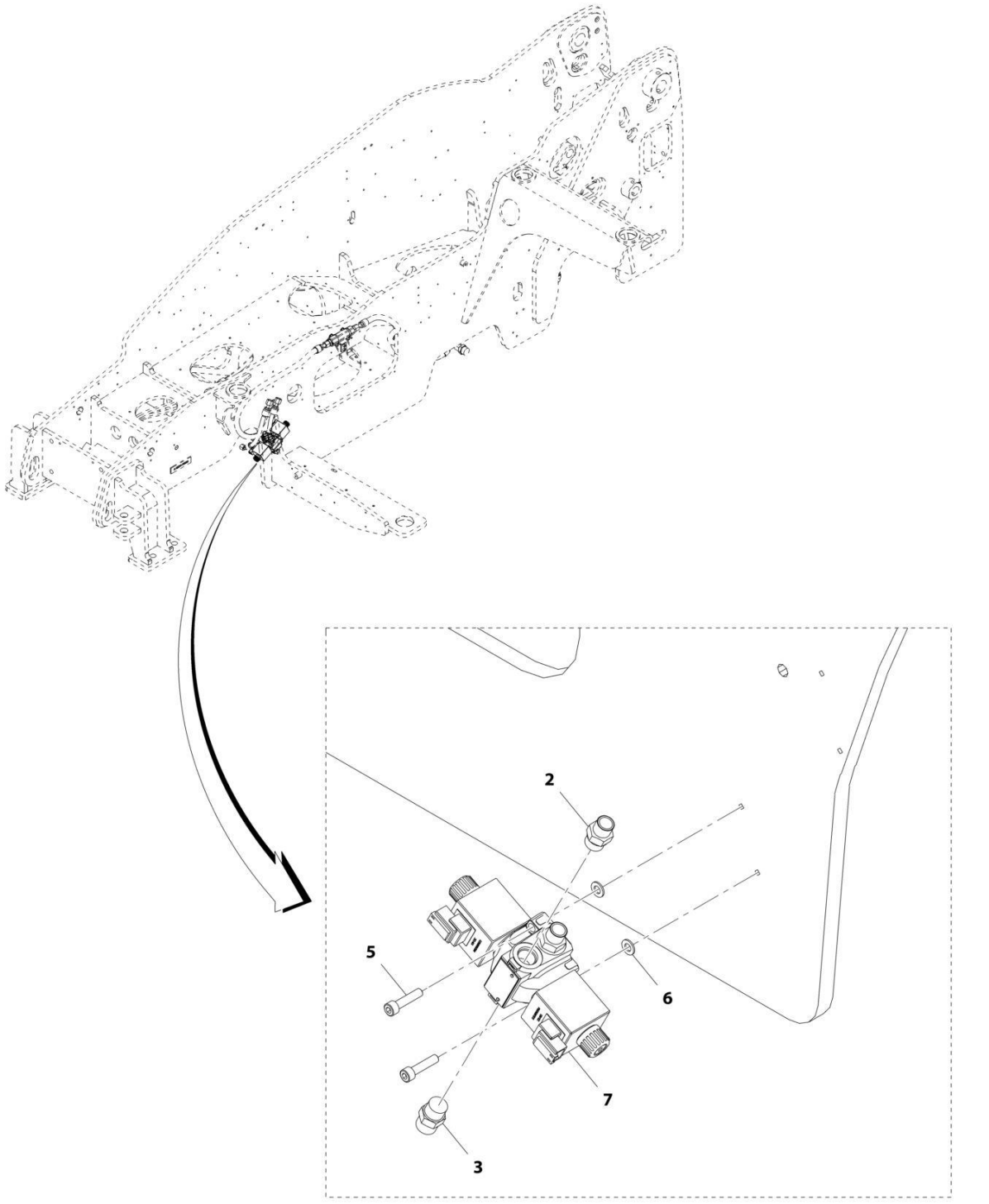


FIGURE 8-7. STEERING SELECT VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174064	Ref	Steering Select Valve Installation	C
2	2110608	2	Fitting, Straight ORFS	
3	2110808	2	Fitting, Straight ORFS	
5	4031911	2	Bolt, M8X35	
6	4811900	2	Washer, M8	
7	1001153748	1	Valve, Steering Select(See Separate Breakdown in Hydraulic Components Section)	

FIGURE 8-8. BRAKE LINES INSTALLATION (20IN WHEEL)

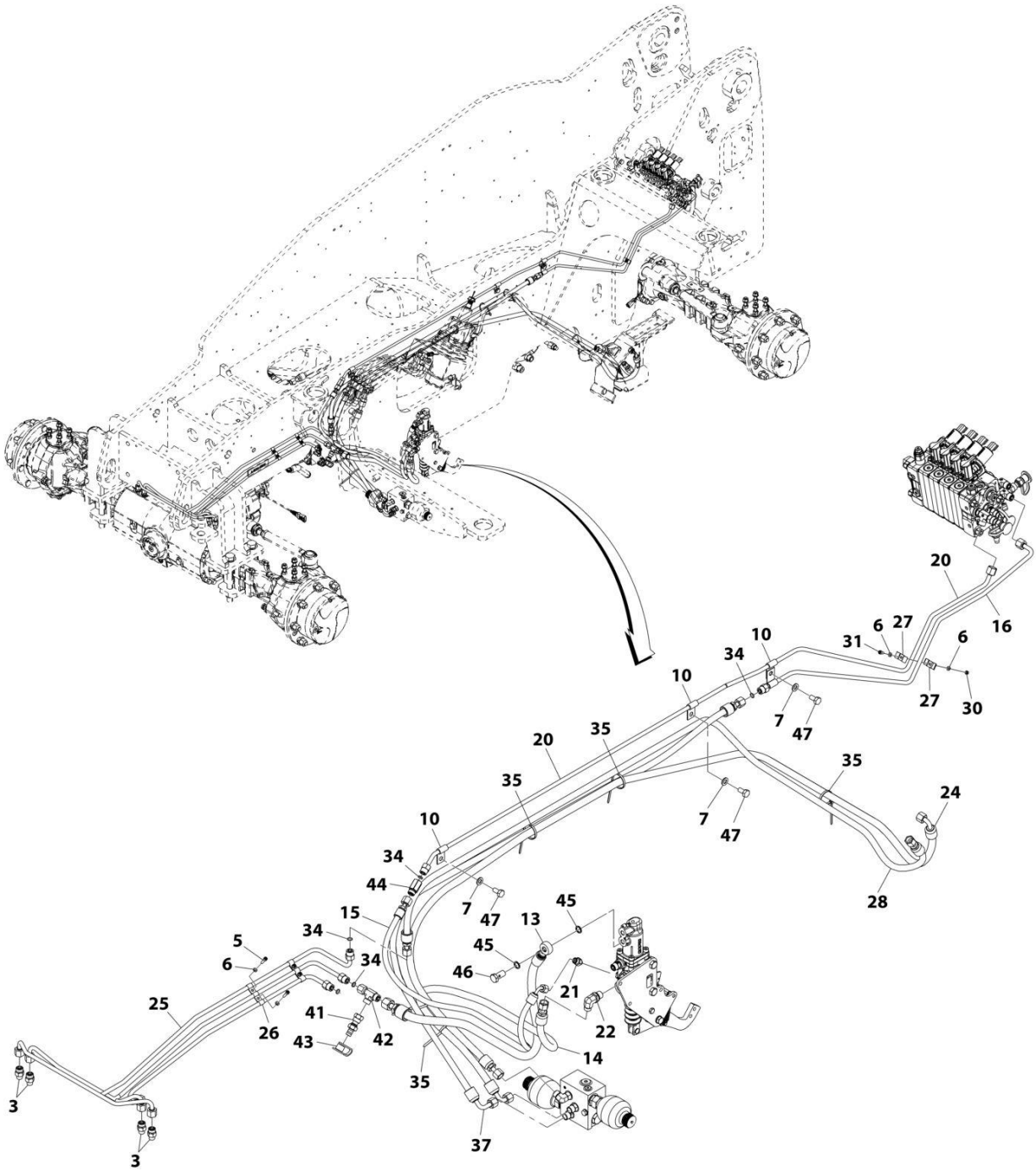


FIGURE 8-8. BRAKE LINES INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174084	Ref	Brake Lines Installation (20IN Wheel)	H
3	2144605	4	Fitting, Straight ORFS	
5	4031608	2	Bolt, M5X20	
6	4811600	4	Washer, M5	
7	4812000	3	Washer, M10	
10	1001025975	4	Clip	
13	1001219460	1	Hose, ORFS	
14	1001205735	1	Hose, ORFS	
15	1001195807	1	Hose, ORFS	
16	1001205842	1	Pipe, ORFS	
20	1001196223	1	Pipe, ORFS	
21	1001081334	1	Valve, Check	
22	80333151	1	Fitting, 90 ORFS	
24	1001214791	1	Hose, ORFS	
25	1001195776	Ref	Installation, Brake and Steering (20IN Wheel) (See Separate Breakdown in this Section)	
26	1001195779	1	Clamp	
27	1001196226	2	Clamp	
28	1001208040	1	Hose, ORFS	
30	3290501	1	Nut, M5X0.8 Grade 8	
31	4031605	1	Bolt, M5X10	
34	1001008804	5	Seal	
35	471678	5	Tie Strap	
37	1001205767	1	Hose, ORFS	
41	1001003590	1	Fitting **(Prior to SN 1160008371)**	
41	8330081	1	Fitting **(SN 1160008371 to Present)**	
42	1001033119	1	Fitting, Tee ORFS **(Prior to SN 1160008371)**	
42	2170706	1	Fitting, Tee ORFS **(SN 1160008371 to Present)**	
43	1001008761	1	Cap	
44	1001128781	1	Check Valve	
45	1001105639	2	Flat Washer	
46	1001105643	1	Screw	
47	0761010	3	Bolt, M10X20	

FIGURE 8-9. BRAKE LINES INSTALLATION (24IN WHEEL)

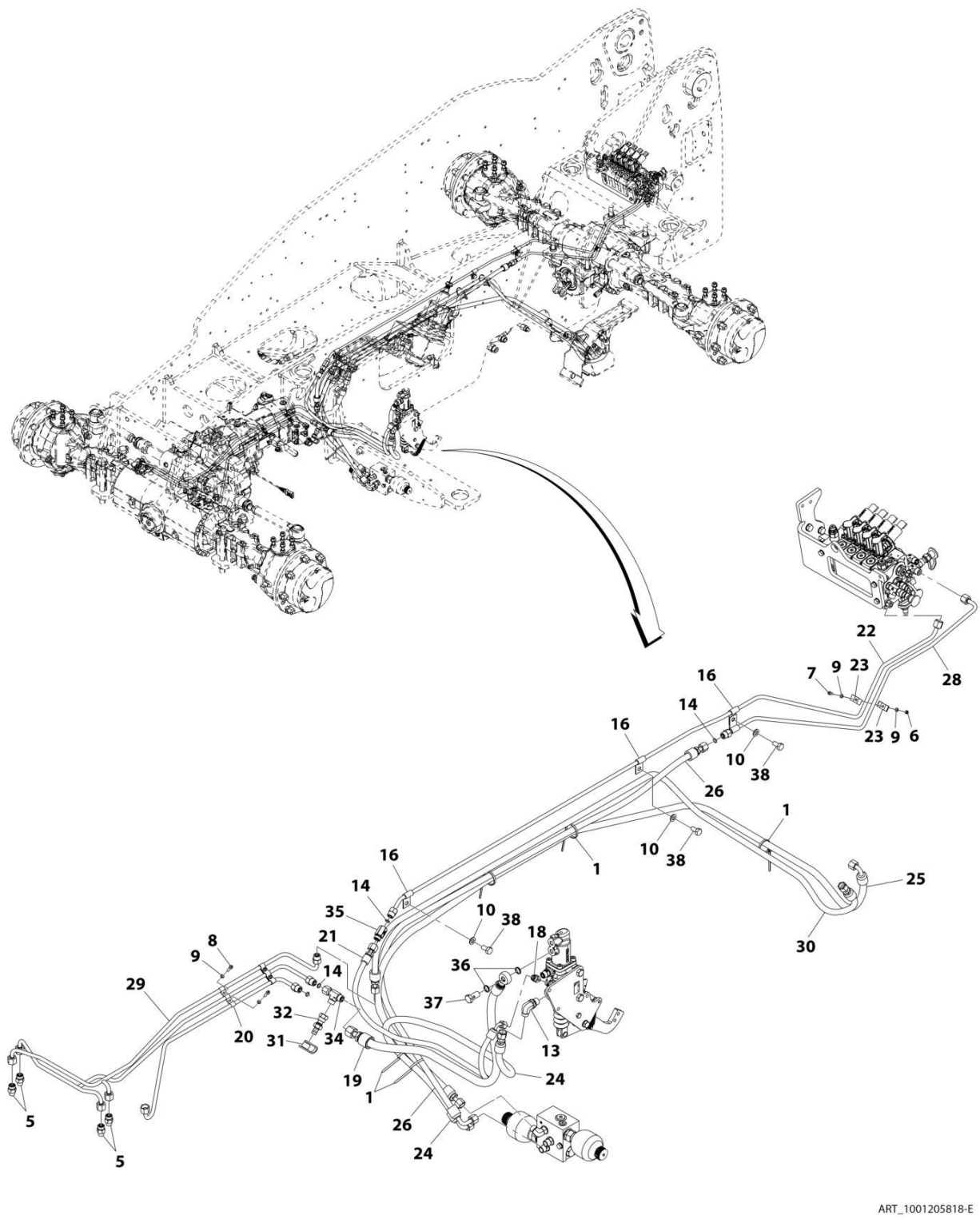


FIGURE 8-9. BRAKE LINES INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205818	Ref	Brake Lines Installation (24IN Wheel)	E
1	471678	5	Tie Strap	
5	2144605	4	Fitting, Straight ORFS	
6	3290501	1	Nut, M5X0.8 Grade 8	
7	4031605	1	Bolt, M5X10	
8	4031608	2	Bolt, M5X20	
9	4811600	4	Washer, M5	
10	4812000	3	Washer, M10	
13	80333151	1	Fitting, 90 ORFS	
14	1001008804	5	Seal	
16	1001025975	4	Clip	
18	1001081334	1	Fitting	
19	1001219460	1	Hose, ORFS	
20	1001195779	1	Clamp	
21	1001195807	1	Hose, ORFS	
22	1001196223	1	Pipe, ORFS	
23	1001196226	2	Clamp	
24	1001205735	1	Hose, ORFS	
25	1001214791	1	Hose, ORFS	
26	1001205767	1	Hose, ORFS	
28	1001205842	1	Pipe, ORFS	
29	1001205858	Ref	Installation, Brake and Steering (24IN Wheel) (See Separate Breakdown in this Section)	
30	1001208040	1	Hose, ORFS	
31	1001008761	1	Cap	
32	1001003590	1	Fitting **(Prior to SN 1160008371)**	
32	8330081	1	Fitting **(SN 1160008371 to Present)**	
34	1001033119	1	Fitting, Tee ORFS **(Prior to SN 1160008371)**	
34	2170706	1	Fitting, Tee ORFS **(SN 1160008371 to Present)**	
35	1001218781	1	Check Valve	
36	1001105639	2	Washer	
37	1001105643	1	Screw	
38	0761010	3	Bolt, M10X20	

FIGURE 8-10. BRAKE AND STEERING INSTALLATION (20IN WHEEL)

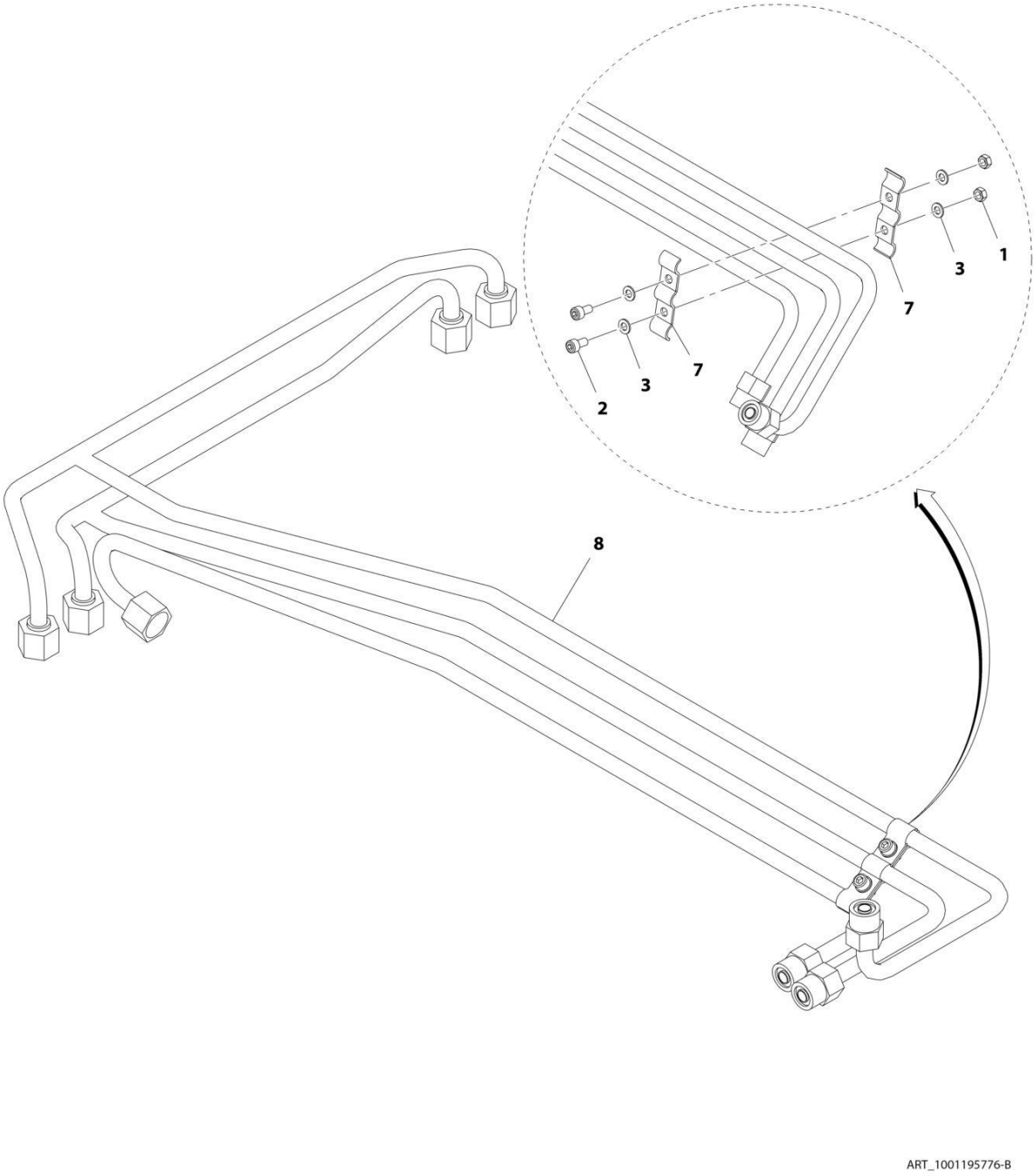


FIGURE 8-10. BRAKE AND STEERING INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195776	Ref	Brake and Steering Installation (20IN Wheel)	B
1	3290501	2	Nut, M5X0.8 Grade 8	
2	4031605	2	Bolt, M5X10	
3	4811600	4	Washer, M5	
7	1001195779	2	Clamp	
8	1001213906	1	Assembly, Brake and Steering Pipe (20IN Wheel) (See Separate Breakdown in this Section)	

FIGURE 8-11. BRAKE AND STEERING INSTALLATION (24IN WHEEL)

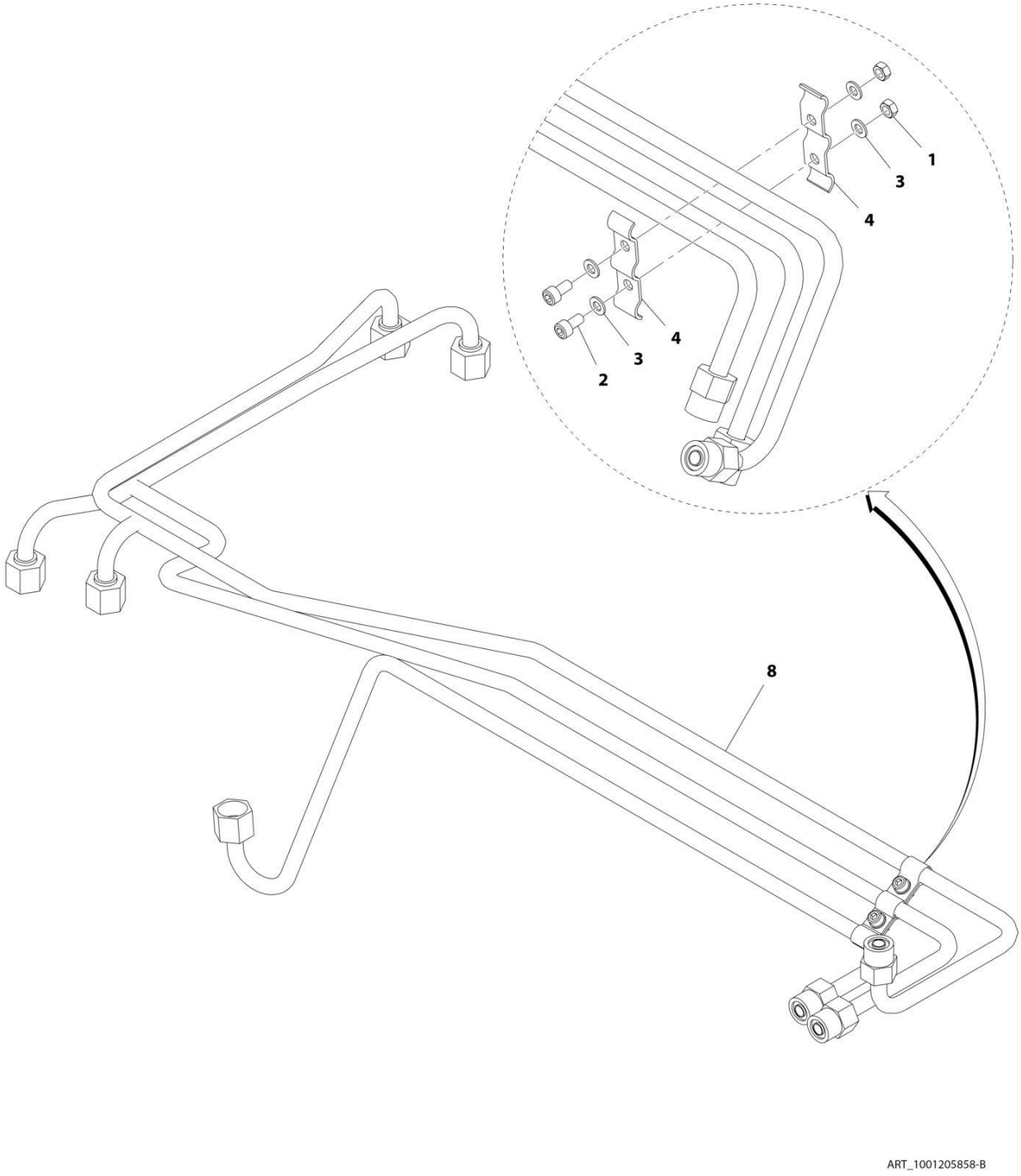
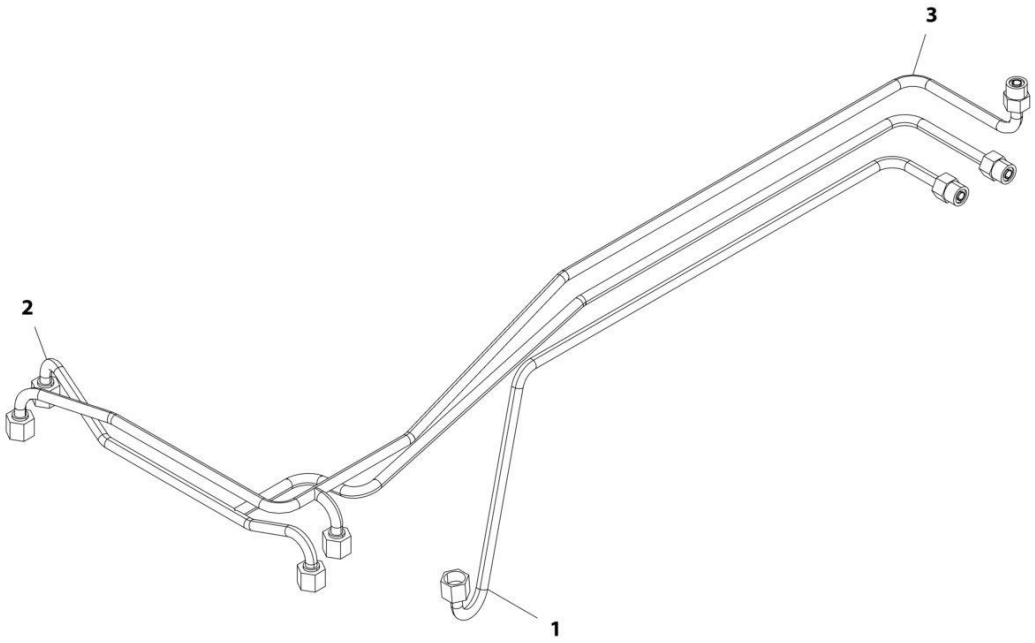


FIGURE 8-11. BRAKE AND STEERING INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205858	Ref	Brake and Steering Installation (24IN Wheel)	B
1	3290501	2	Nut, M5X0.8 Grade 8	
2	4031605	2	Bolt, M5X10	
3	4811600	4	Washer, M5	
4	1001195779	2	Clamp	
8	1001213907	1	Assembly, Brake and Steering Pipe (24IN Wheel) (See Separate Breakdown in this Section)	

FIGURE 8-12. BRAKE AND STEERING PIPE ASSEMBLY (24IN WHEEL)

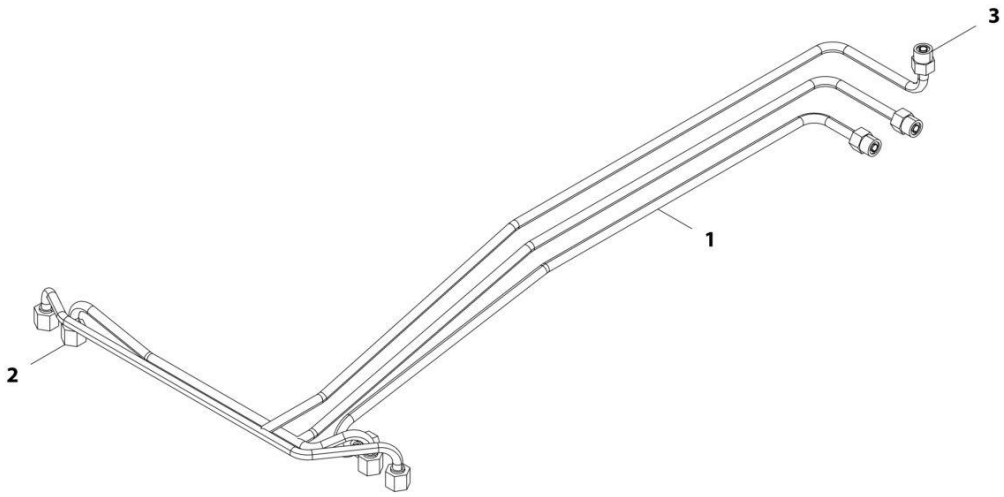


ART_1001213907-A

FIGURE 8-12. BRAKE AND STEERING PIPE ASSEMBLY (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213907	Ref	Brake and Steering Pipe Assembly (24IN Wheel)	A
1	1001205860	1	Pipe	
2	1001205861	1	Pipe	
3	1001205862	1	Pipe	

FIGURE 8-13. BRAKE AND STEERING PIPE ASSEMBLY (20IN WHEEL)



ART_1001213906-A

FIGURE 8-13. BRAKE AND STEERING PIPE ASSEMBLY (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213906	Ref	Brake and Steering Pipe Assembly (20IN Wheel)	A
1	1001195767	1	Pipe	
2	1001195769	1	Pipe	
3	1001195770	1	Pipe	

FIGURE 8-14. IMPLEMENT LINES INSTALLATION (Prior to SN 1160008371)

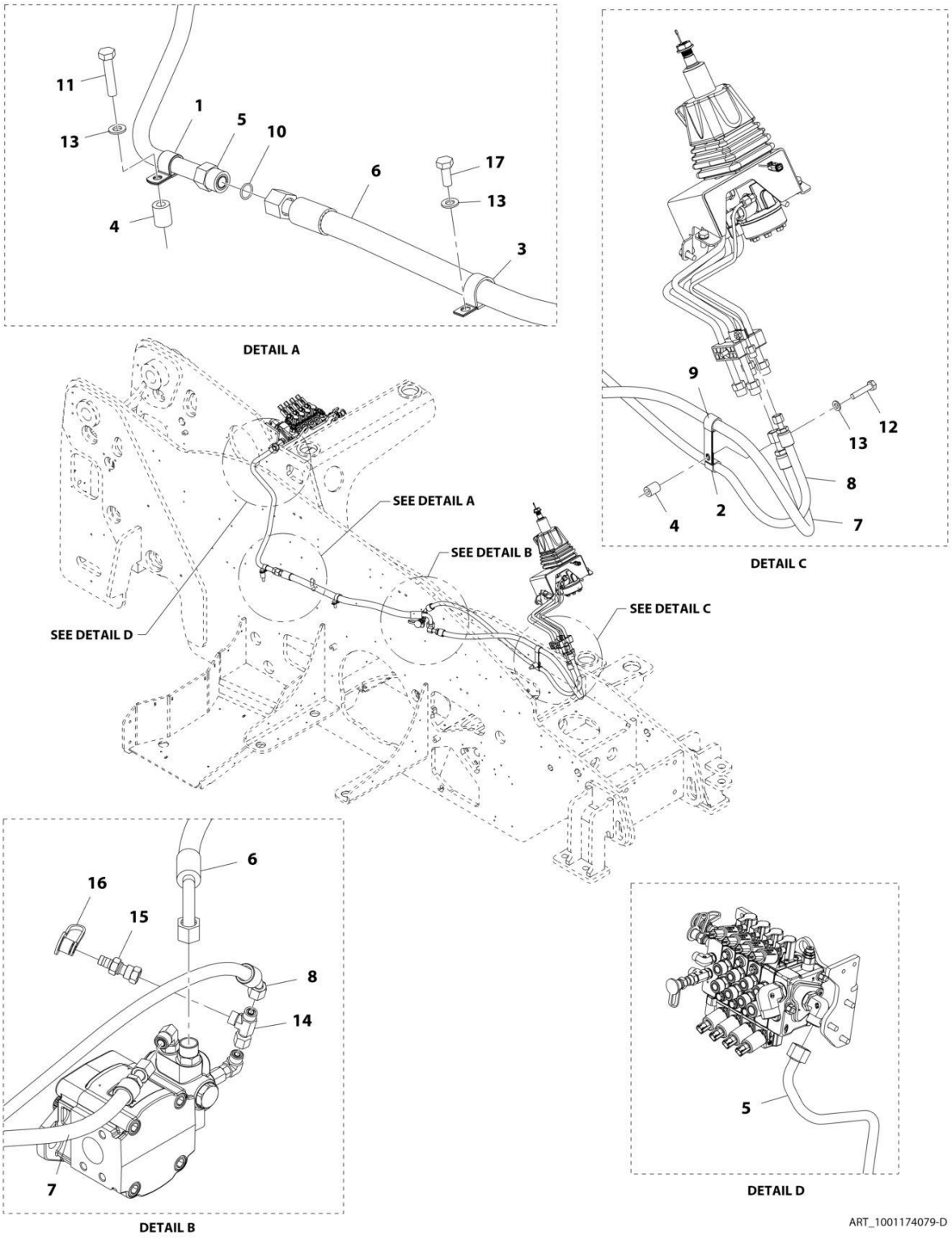


FIGURE 8-14. IMPLEMENT LINES INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174079	Ref	Implement Lines Installation	D
1	91043147	1	Clamp	
2	1001025962	1	Clip	
3	1001009205	1	Clip	
4	1001188548	2	Spacer	
5	1001188940	1	Pipe	
6	1001188941	1	Hose	
7	1001188942	1	Hose	
8	1001195805	1	Hose	
9	1001025932	1	Clip	
10	1001008922	1	Seal	
11	0701018	1	Bolt, M10X50	
12	0761018	1	Bolt, M10X50	
13	4812000	3	Washer, M10	
14	2170706	1	Fitting, Tee ORFS	
15	8430081	1	Fitting, Straight ORFS	
16	1001008761	1	Cap	
17	0761012	1	Bolt, M10X25	

FIGURE 8-15. IMPLEMENT LINES INSTALLATION (SN 1160008371 to Present)

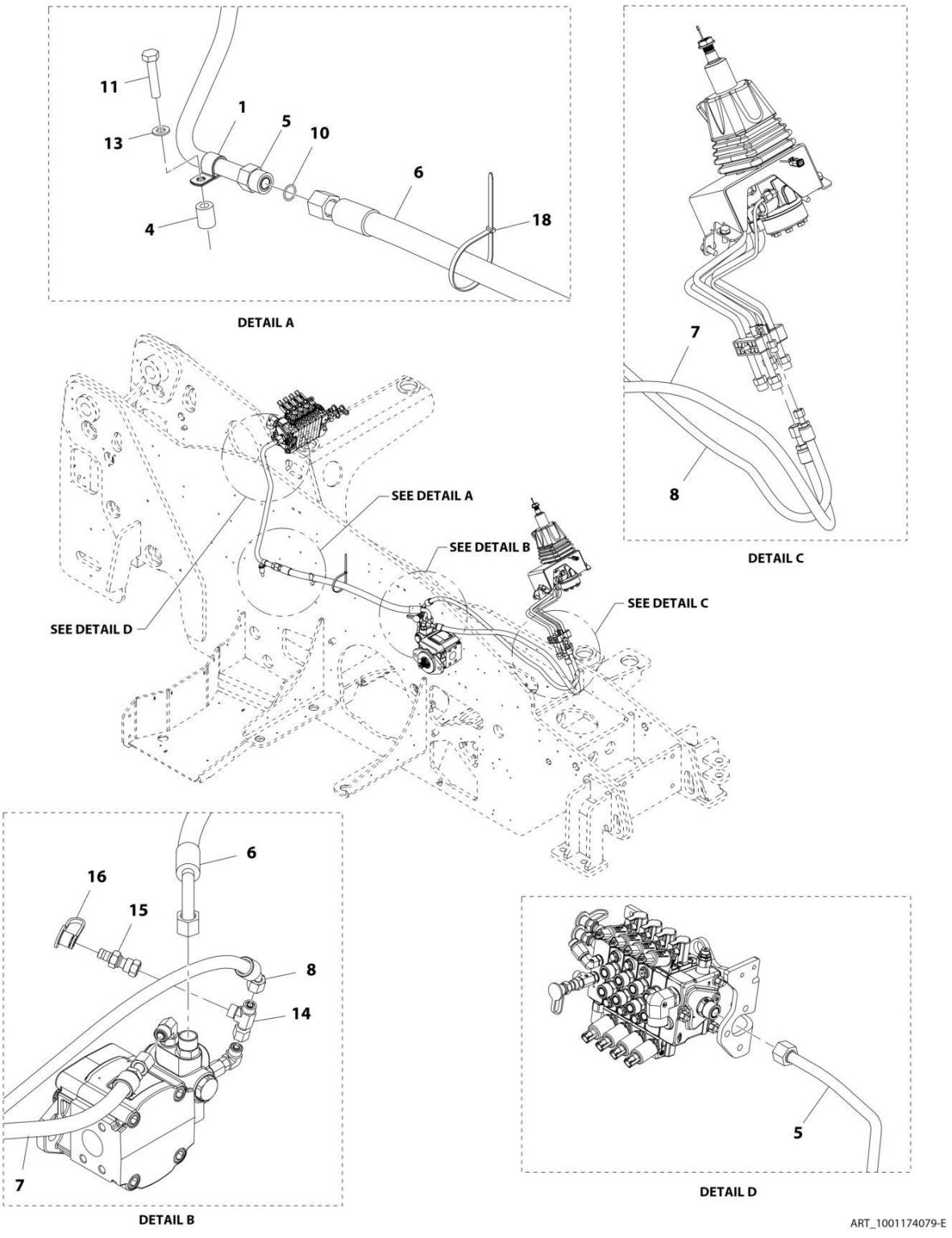


FIGURE 8-15. IMPLEMENT LINES INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174079	Ref	Implement Lines Installation	E
1	91043147	1	Clamp	
4	1001188548	1	Spacer	
5	1001226234	1	Pipe	
6	1001188941	1	Hose	
7	1001188942	1	Hose	
8	1001195805	1	Hose	
10	1001008922	1	Seal	
11	0701018	1	Bolt, M10X50	
13	4812000	1	Washer, M10	
14	2170706	1	Fitting, Tee ORFS	
15	8430081	1	Fitting, Straight ORFS	
16	1001008761	1	Cap	
18	1062255	1	Tie Strap	

FIGURE 8-16. STEERING LINES INSTALLATION (20IN WHEEL)

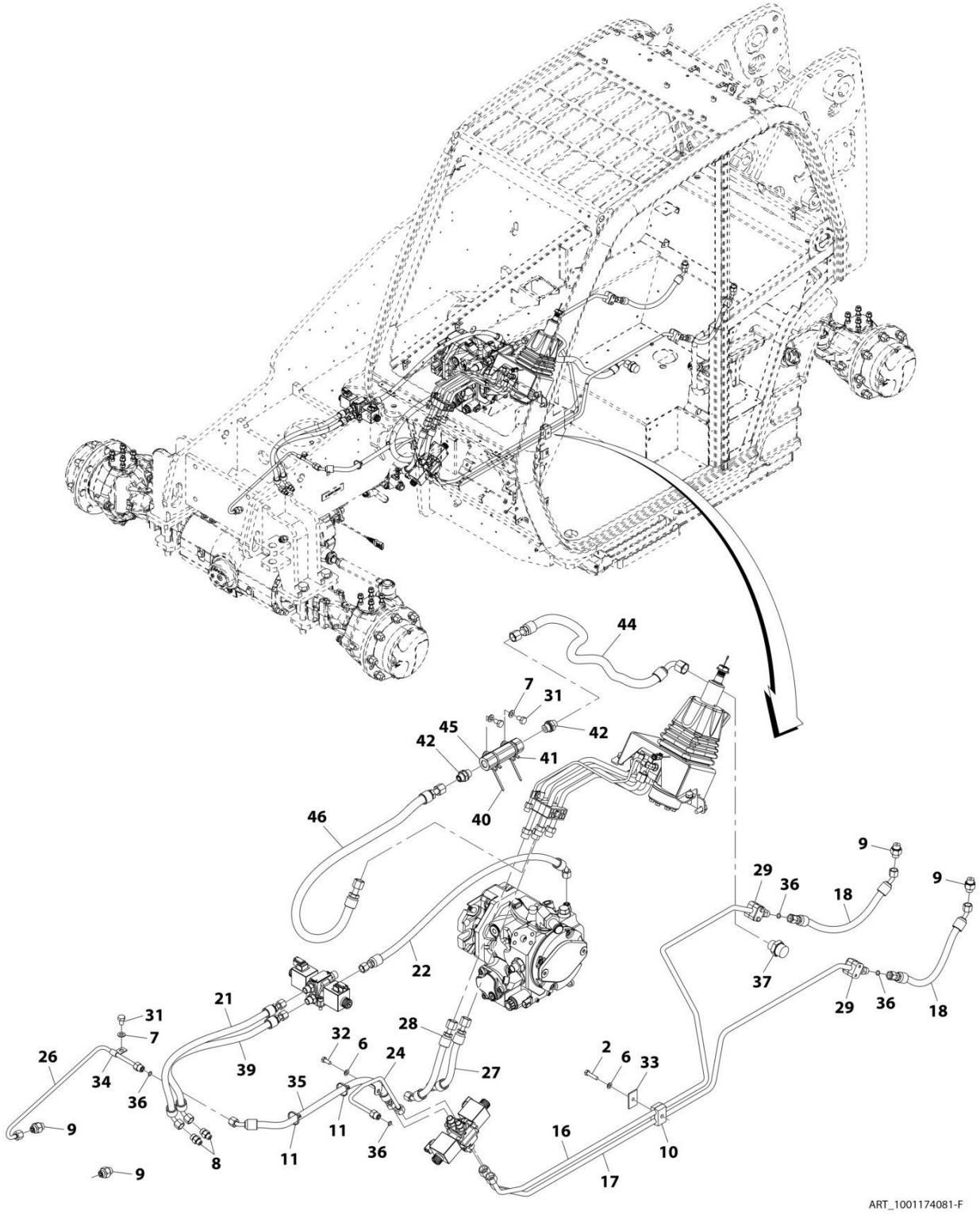


FIGURE 8-16. STEERING LINES INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174081	Ref	Steering Lines Installation (20IN Wheel)	F
2	0700815	1	Bolt, M8X35	
6	4811900	2	Washer, M8	
7	4812000	3	Washer, M10	
8	2144605	2	Fitting, Straight ORFS	
9	8770258	4	Fitting, Straight ORFS	
10	77133168	1	Clamp	
11	1001008559	2	Tie Strap	
16	1001196208	NLA	Pipe, ORFS (no longer available, use 1001225534 for replacement)	
16	1001225534	1	Pipe, ORFS	
17	1001196209	1	Pipe, ORFS	
18	1001183108	2	Hose, ORFS	
21	1001193301	1	Hose, ORFS	
22	1001183134	1	Hose, ORFS	
24	1001195785	1	Pipe, ORFS	
26	1001195768	1	Pipe, ORFS	
27	1001195773	1	Hose, ORFS	
28	1001195772	1	Hose, ORFS	
29	1001183286	2	Clamp	
31	0761008	3	Bolt, M10X16	
32	0760810	1	Bolt, M8X20	
33	77133140	1	Cover Plate	
34	1001008773	1	Clip	
35	1001195771	1	Hose, ORFS	
36	1001008804	4	Seal	
37	2111016	1	Fitting, Straight ORFS	
39	1001214744	1	Hose, ORFS	
40	471678	2	Band, Cable	
41	1001003305	2	Clip	
42	1001121127	2	Fitting, Straight ORFS	
44	1001218180	1	Hose	
45	1001218192	1	Valve, Check Valve	
46	1001218178	1	Hose	

FIGURE 8-17. STEERING LINES INSTALLATION (24IN WHEEL)

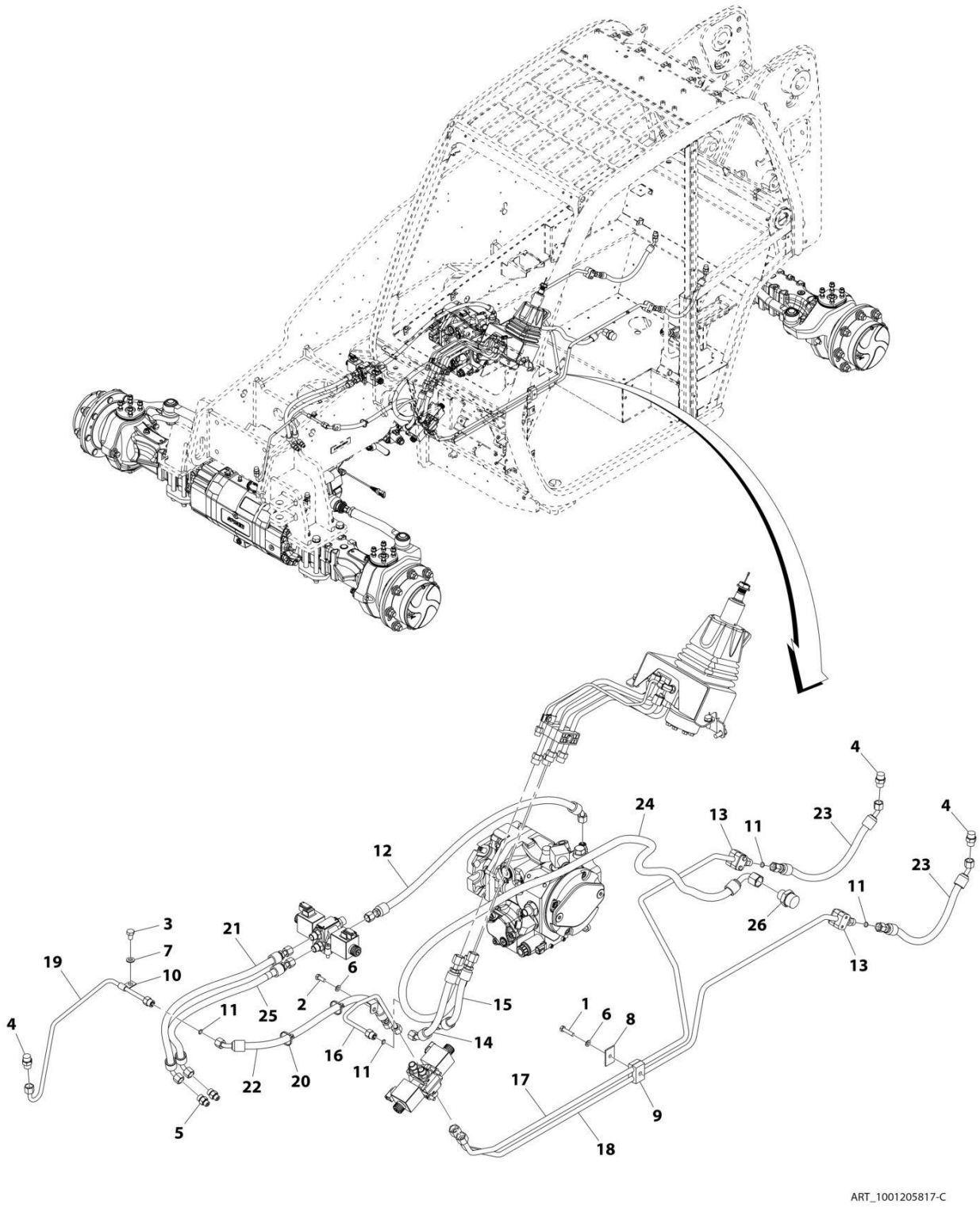


FIGURE 8-17. STEERING LINES INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205817	Ref	Steering Lines Installation (24IN Wheel)	C
1	0700815	1	Bolt, M8X35	
2	0760810	1	Bolt, M8X20	
3	0761008	1	Bolt, M10X16	
4	2110608	4	Fitting, Straight ORFS	
5	2144605	2	Fitting, Straight ORFS	
6	4811900	2	Washer, M8	
7	4812000	1	Washer, M10	
8	77133140	1	Cover Plate	
9	77133168	1	Clamp	
10	1001008773	1	Clip	
11	1001008804	4	Seal	
12	1001183134	1	Hose	
13	1001183286	2	Clamp	
14	1001195772	1	Hose, ORFS	
15	1001195773	1	Hose, ORFS	
16	1001195785	1	Pipe, ORFS	
17	1001196208	NLA	Pipe, ORFS (no longer available, use 1001225534 for replacement)	
17	1001225534	1	Pipe, ORFS	
18	1001196209	1	Pipe, ORFS	
19	1001205859	1	Pipe, ORFS	
20	1001008559	2	Tie Strap	
21	1001193301	1	Hose, ORFS	
22	1001195771	1	Hose, ORFS	
23	1001207184	2	Hose	
24	1001214621	1	Hose, ORFS	
25	1001214744	1	Hose, ORFS	
26	2111016	1	Fitting, Straight ORFS	

FIGURE 8-18. SUCTION LINES INSTALLATION

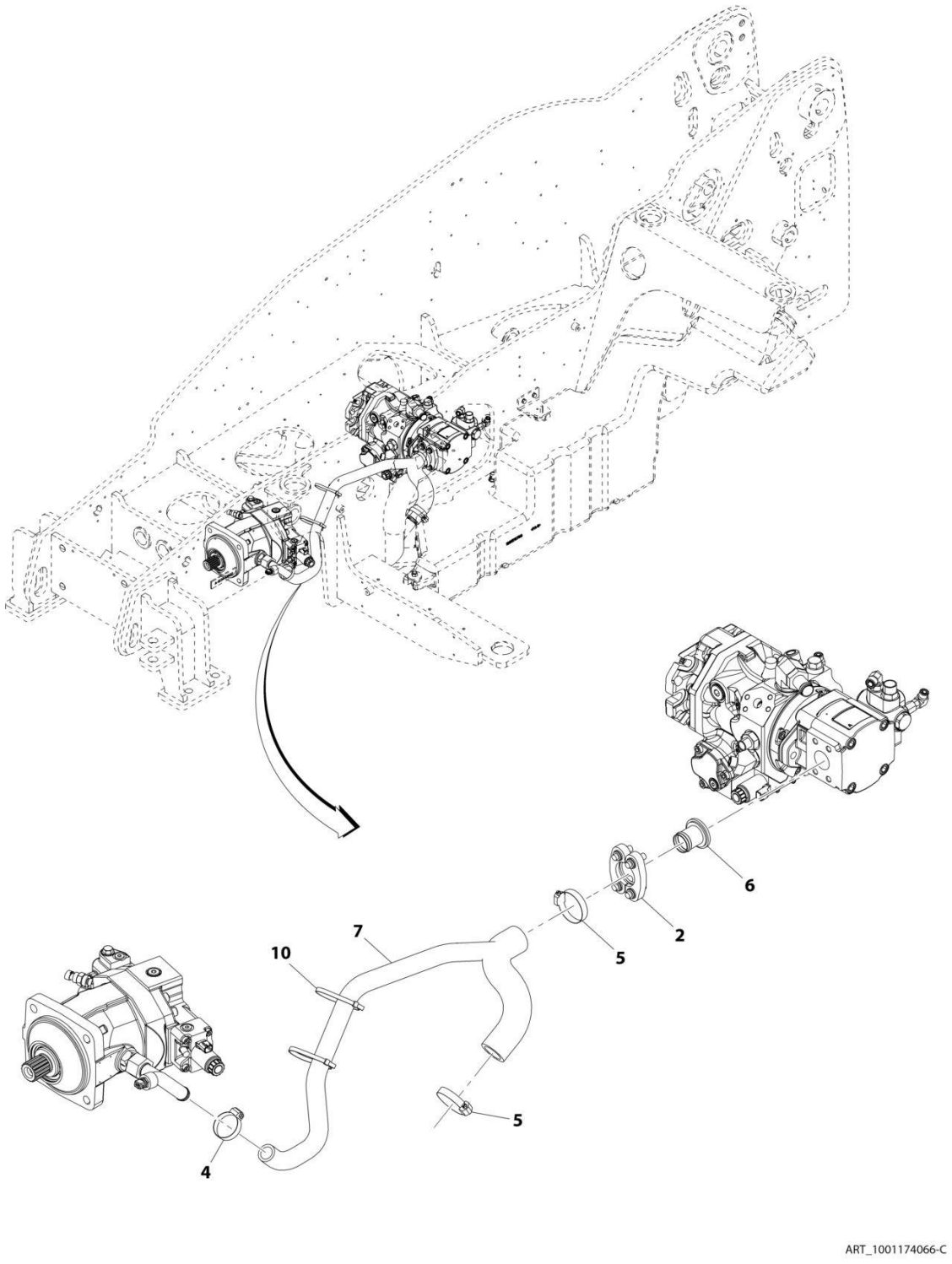


FIGURE 8-18. SUCTION LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174066	Ref	Suction Lines Installation	C
2	2171824	1	Fitting, Straight ORFS	
4	8405103	1	Clamp	
5	8405201	2	Clamp	
6	1001002823	1	Fitting, Straight BARB	
7	1001217750	1	Hose	
10	1062255	2	Tie Strap	

FIGURE 8-19. RETURN LINES INSTALLATION

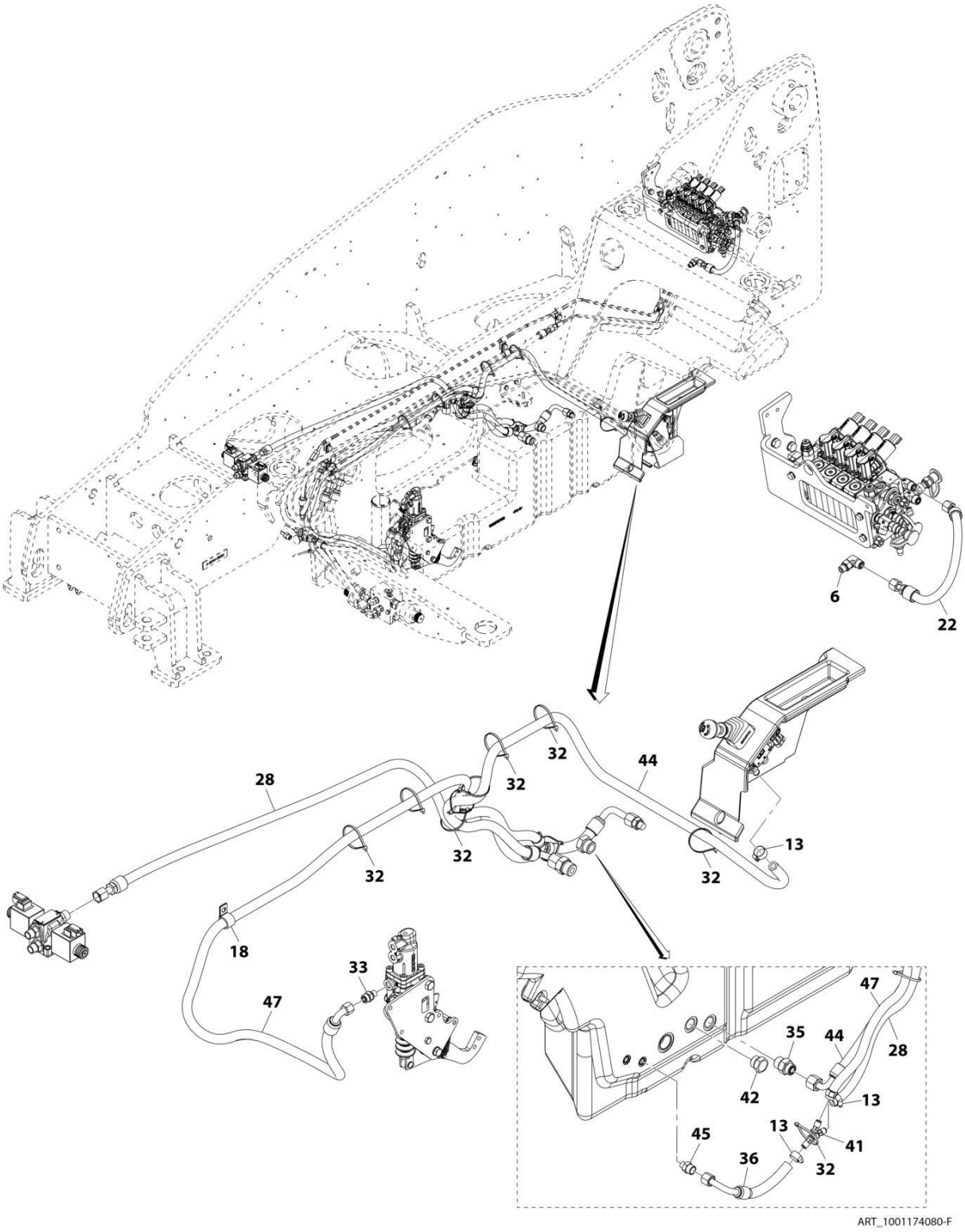


FIGURE 8-19. RETURN LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174080	Ref	Return Lines Installation	F
6	2130606	1	Fitting, 90 ORFS	
13	8410009	4	Clamp	
18	1001004144	1	Clip	
22	1001196225	1	Hose, ORFS	
28	1001214619	1	Hose, ORFS	
32	1001008559	9	Tie Strap	
33	80233218	1	Fitting, Straight ORFS	
35	2111012	1	Fitting, Straight ORFS	
36	1001214620	1	Hose, ORFS	
41	1001214746	1	Coupling	
42	2220240	1	Fitting, Straight	
44	1001214622	1	Hose	
45	2130806	1	Fitting, 90 ORFS	
47	1001214618	1	Hose, ORFS	

FIGURE 8-20. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL) (Prior to SN 1160008371)

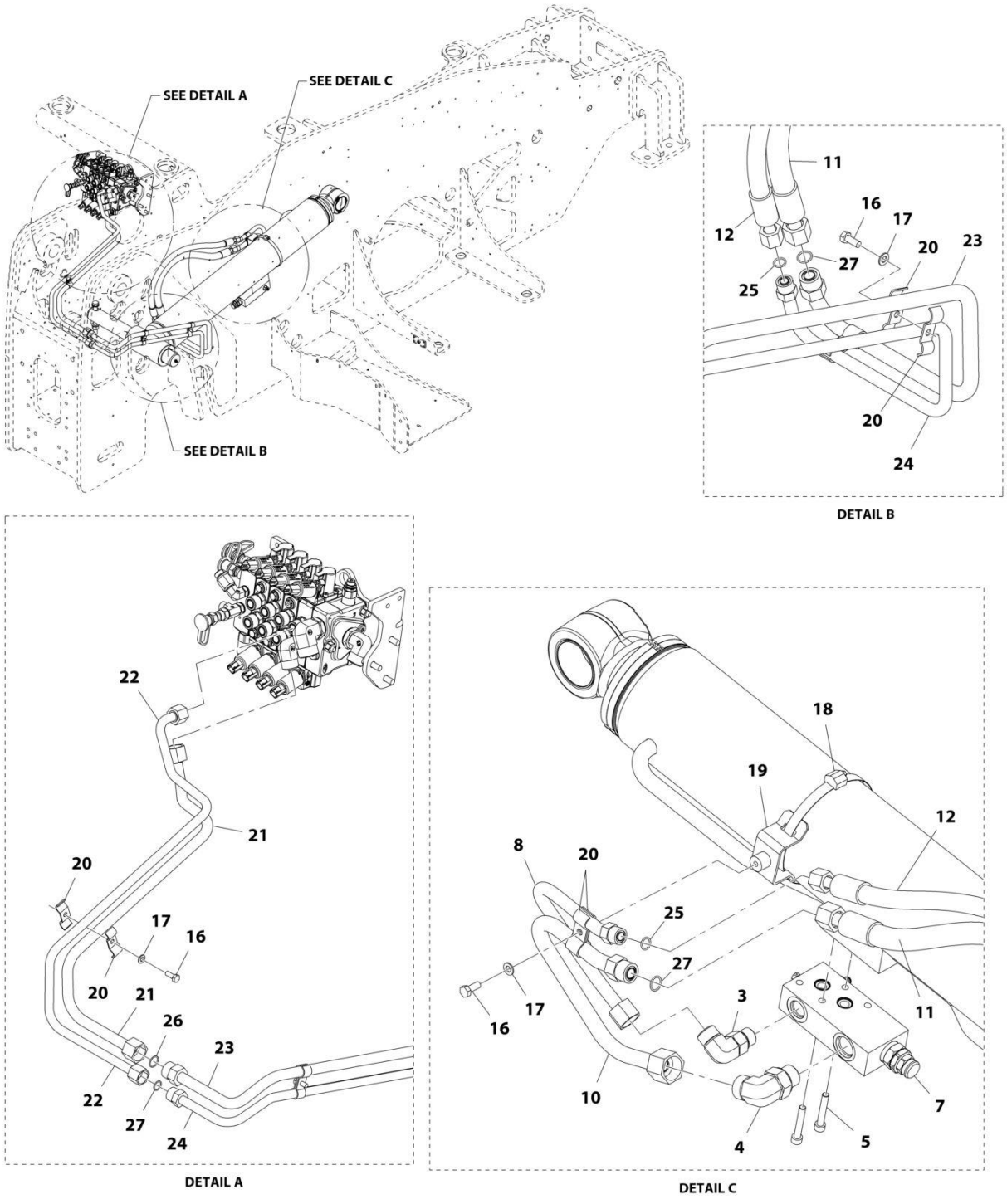


FIGURE 8-20. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL) (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179144	Ref	Boom Raise Hoses Installation (No Ride Control)	C
3	2131010	1	Fitting, 90 ORFS	
4	2131212	1	Fitting, 90 ORFS	
5	5271814	4	Bolt, M8X50	
7	1001201245	1	Valve	
8	1001198734	1	Pipe	
10	1001198735	1	Pipe	
11	1001199939	1	Hose	
12	1001199940	1	Hose	
16	0760810	5	Bolt, M8X20	
17	4811900	5	Washer, M8	
18	8405502	1	Clamp	
19	1001200038	1	Bracket	
20	1001198331	10	Clamp	
21	1001220217	1	Pipe	
22	1001198740	1	Pipe	
23	1001198741	1	Pipe	
24	1001198742	1	Pipe	
25	1001008805	2	Seal	
26	1001008863	1	Seal	
27	1001008922	3	Seal	

FIGURE 8-21. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL) (SN 1160008371 to Present)

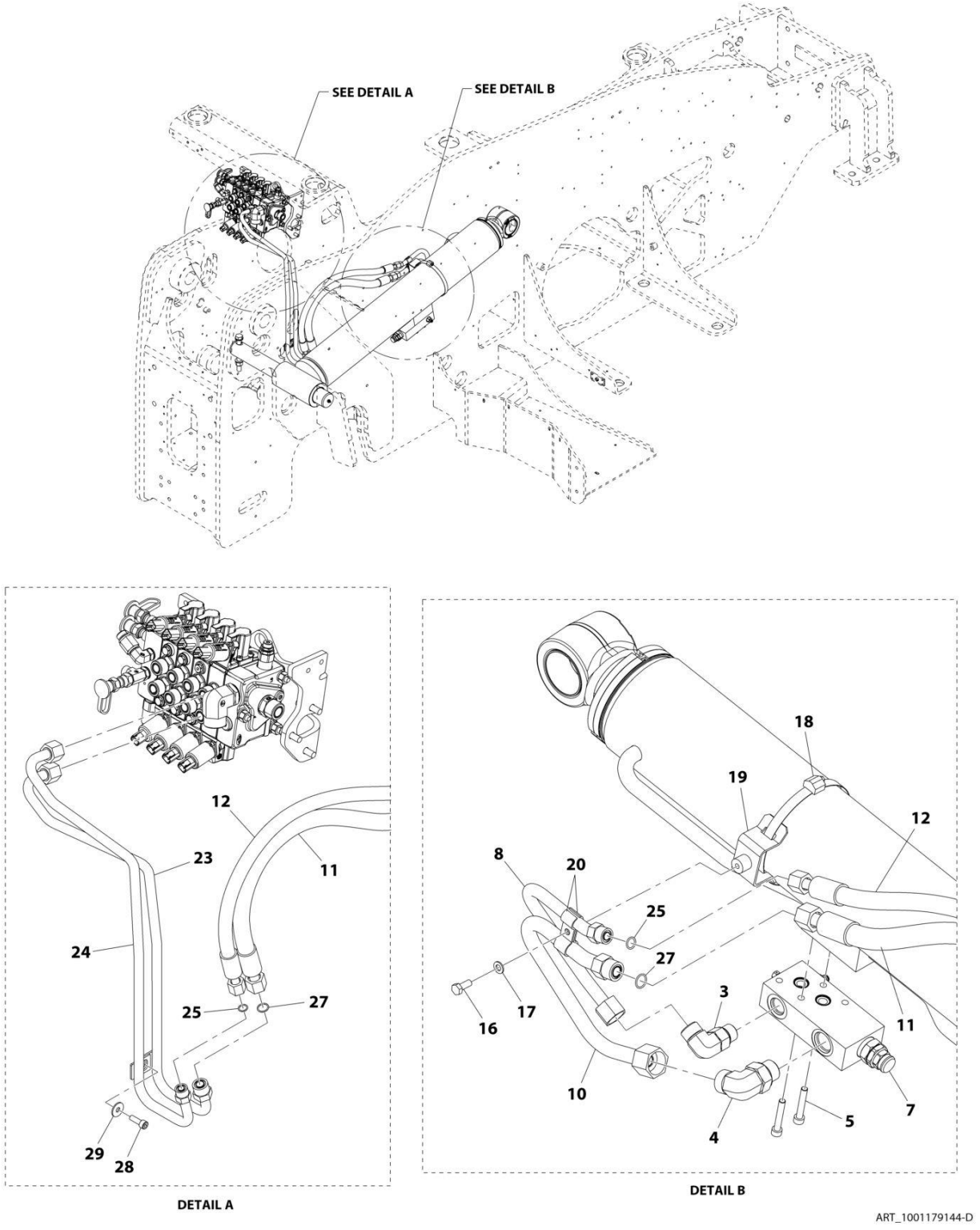


FIGURE 8-21. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179144	Ref	Boom Raise Hoses Installation (No Ride Control)	D
3	2131010	1	Fitting, 90 ORFS	
4	2131212	1	Fitting, 90 ORFS	
5	5271814	4	Bolt, M8X50	
7	1001201245	1	Valve	
8	1001198734	1	Pipe	
10	1001198735	1	Pipe	
11	1001199939	1	Hose	
12	1001199940	1	Hose	
16	0760810	1	Bolt, M8X20	
17	4811900	1	Washer, M8	
18	8405502	1	Clamp	
19	1001200038	1	Bracket	
20	1001198331	2	Clamp	
23	1001227523	1	Pipe	
24	1001227522	1	Pipe	
25	1001008805	2	Seal	
27	1001008922	2	Seal	
28	4031909	1	Screw, M8X25	
29	4811902	1	Washer, M8	

FIGURE 8-22. BOOM RAISE HOSES INSTALLATION (RIDE CONTROL) (Prior to SN 1160008371)

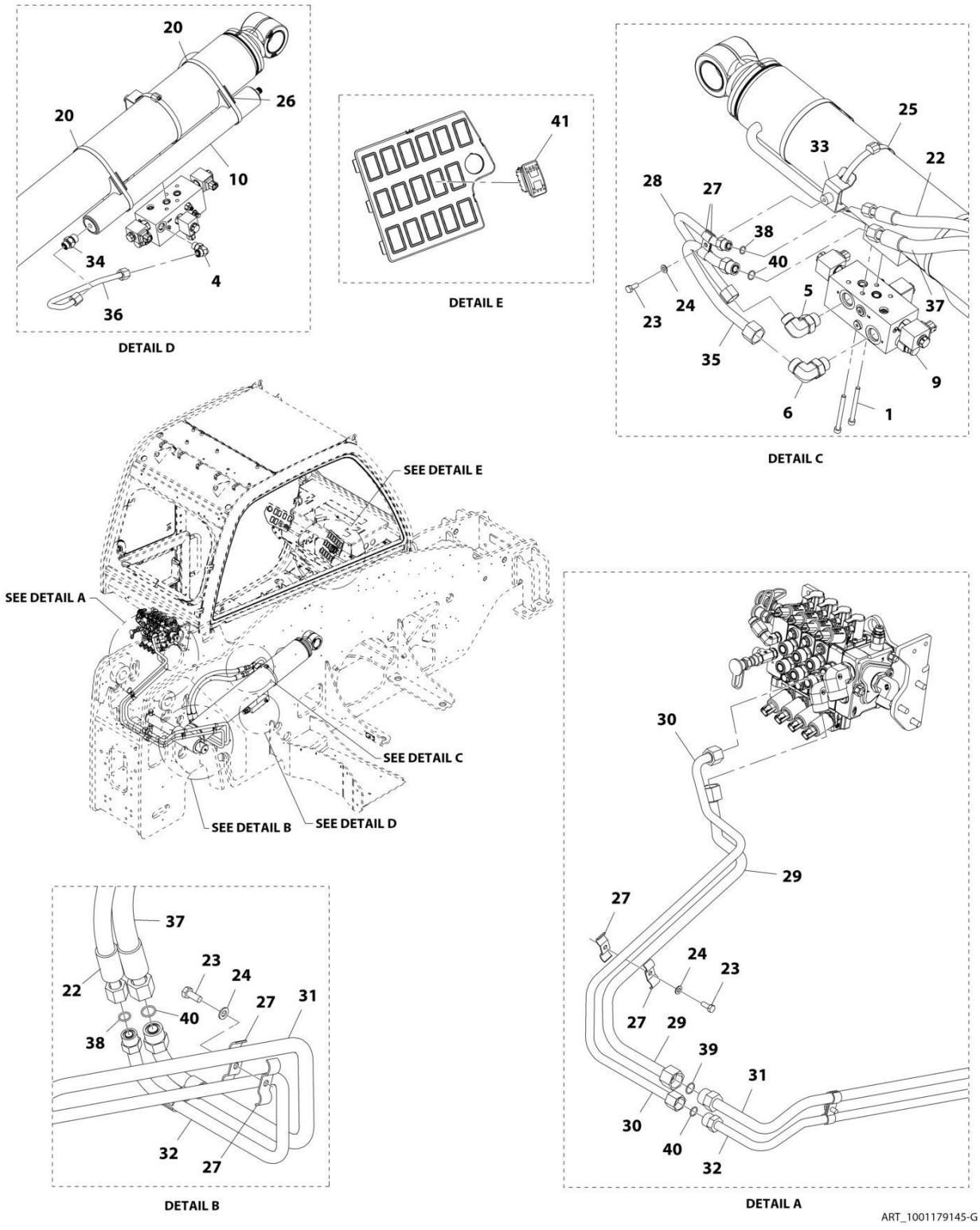


FIGURE 8-22. BOOM RAISE HOSES INSTALLATION (RIDE CONTROL) (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179145	Ref	Boom Raise Hoses Installation (Ride Control)	G
1	4031922	4	Bolt, M8X90	
4	2130808	1	Fitting, 90 ORFS	
5	2131012	1	Fitting, 90 ORFS	
6	2131212	1	Fitting, 90 ORFS	
9	1001217378	1	Valve, Ride Control (See Separate Breakdown in Hydraulic Components Section)	
10	1001183319	1	Piston, Cylinder	
20	1001101063	2	Clamp	
22	1001199940	1	Hose	
23	0760810	5	Bolt, M8X20	
24	4811900	5	Washer, M8	
25	8405502	1	Clamp	
26	1001184798	2	Bumper	
27	1001198331	10	Clamp	
28	1001198734	1	Pipe	
29	1001220217	1	Pipe	
30	1001198740	1	Pipe	
31	1001198741	1	Pipe	
32	1001198742	1	Pipe	
33	1001200038	1	Bracket	
34	1001216637	1	Check Valve	
35	1001202647	1	Pipe, ORFS	
36	1001216471	1	Pipe, ORFS	
37	1001199939	1	Hose	
38	1001008805	2	Seal	
39	1001008863	1	Seal	
40	1001008922	3	Seal	
41	1001159745	1	Switch, Boom Ride	

FIGURE 8-23. BOOM RAISE HOSES INSTALLATION (RIDE CONTROL) (SN 1160008371 to Present)

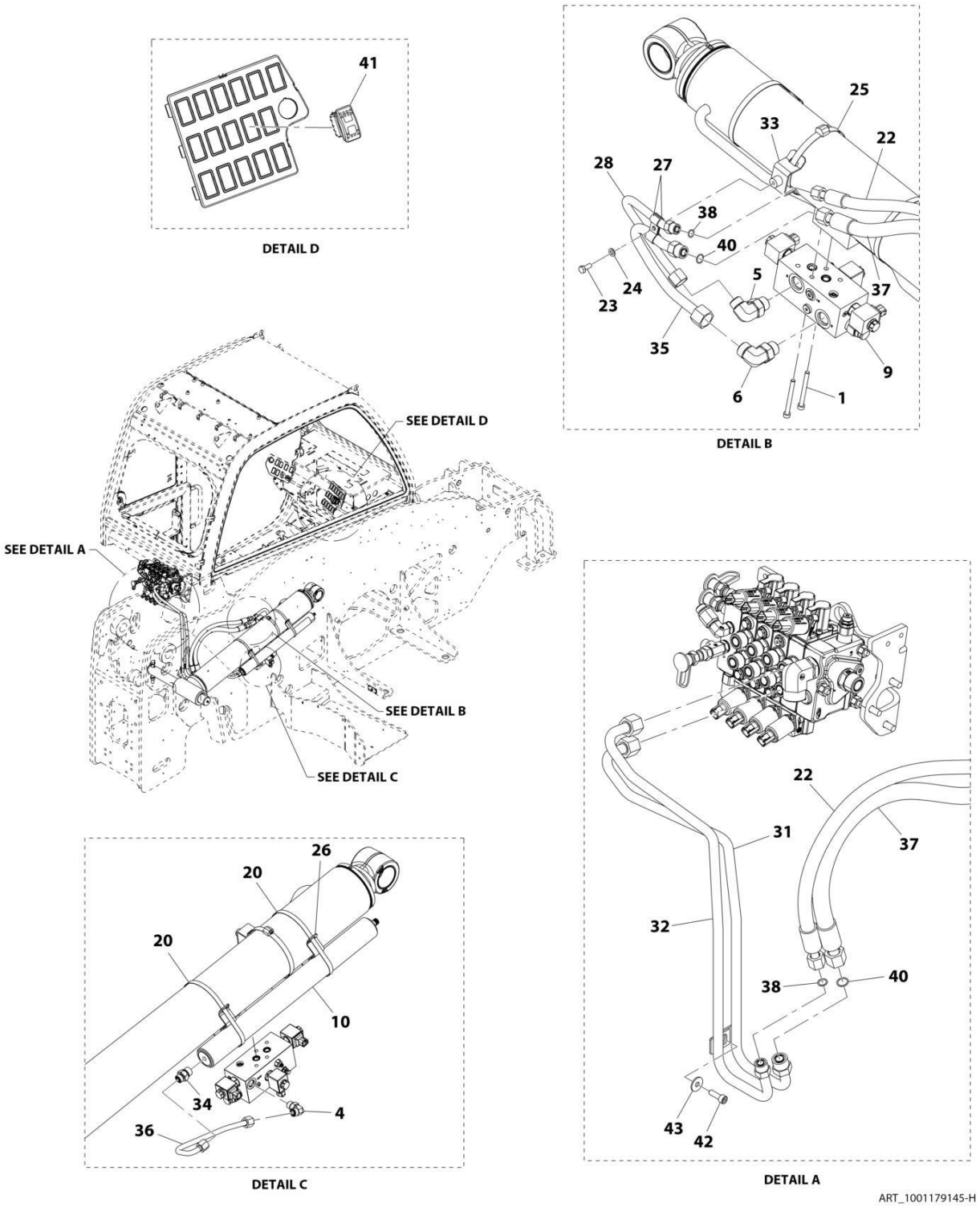


FIGURE 8-23. BOOM RAISE HOSES INSTALLATION (RIDE CONTROL) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179145	Ref	Boom Raise Hoses Installation (Ride Control)	H
1	5271922	4	Bolt, M8X90	
4	2130808	1	Fitting, 90 ORFS	
5	2131012	1	Fitting, 90 ORFS	
6	2131212	1	Fitting, 90 ORFS	
9	1001217378	1	Valve, Ride Control (See Separate Breakdown in Hydraulic Components Section)	
10	1001183319	1	Piston, Cylinder	
20	1001101063	2	Clamp	
22	1001199940	1	Hose	
23	0760810	1	Bolt, M8X20	
24	4811900	1	Washer, M8	
25	8405502	1	Clamp	
26	1001226401	2	Bumper	
27	1001198331	2	Clamp	
28	1001198734	1	Pipe	
31	1001227523	1	Pipe	
32	1001227522	1	Pipe	
33	1001200038	1	Bracket	
34	1001216637	1	Check Valve	
35	1001202647	1	Pipe, ORFS	
36	1001216471	1	Pipe, ORFS	
37	1001199939	1	Hose	
38	1001008805	2	Seal	
40	1001008922	2	Seal	
41	1001159745	1	Switch, Boom Ride	
42	4031909	1	Screw, M8X25	
43	4811902	1	Washer, M8	

FIGURE 8-24. MANUAL COUPLER LINES INSTALLATION (FRONT BOOM - SINGLE)

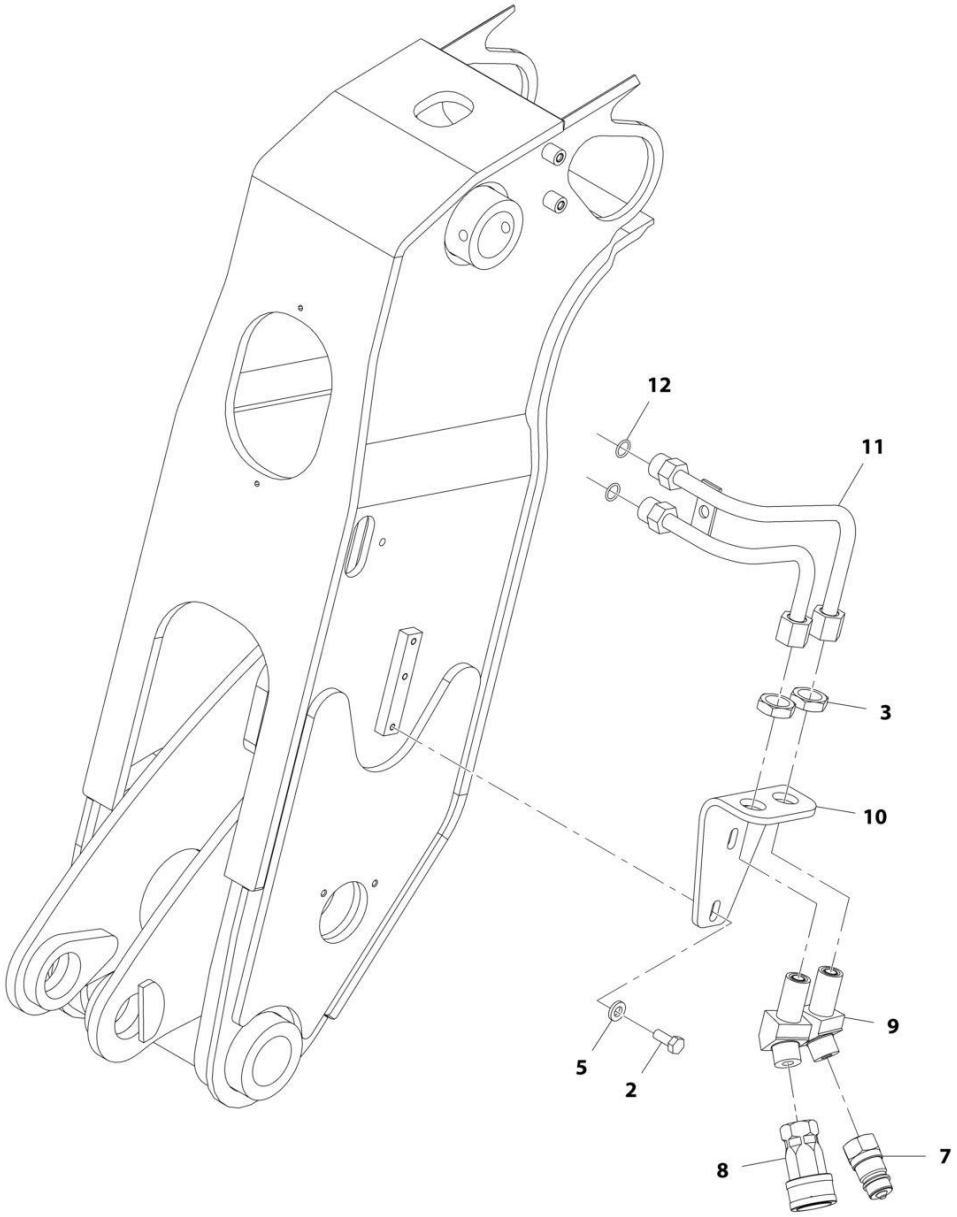


FIGURE 8-24. MANUAL COUPLER LINES INSTALLATION (FRONT BOOM - SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179054	Ref	Manual Coupler Lines Installation (Front Boom - Single)	C
2	0760810	2	Bolt, M8X20	
3	2172208	2	Nut	
5	5240800	2	Washer, M8	
7	1001101041	1	Adapter, Male Quick Disconnect	
8	1001101042	1	Adapter, Female Quick Disconnect	
9	1001103640	2	Adapter, 45 ORFS	
10	1001202177	1	Plate	
11	1001181161	1	Tube	
12	1001008805	2	Seal	

FIGURE 8-25. MANUAL COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

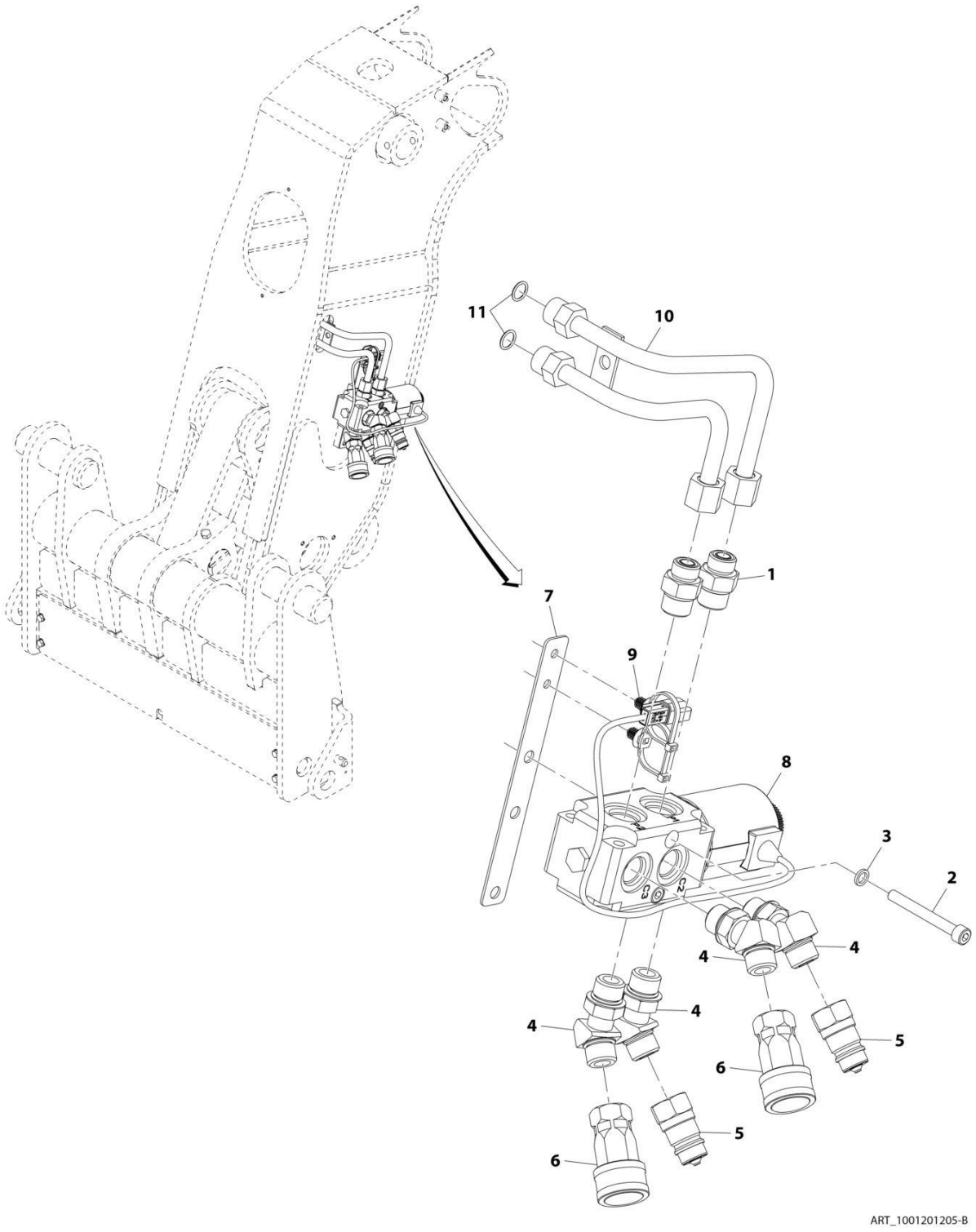


FIGURE 8-25. MANUAL COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201205	Ref	Manual Coupler Lines Installation (Front Boom - Twin)	B
1	2110810	2	Fitting, Straight ORFS	
2	4031918	2	Bolt, M8X70	
3	1001005262	2	Washer	
4	1001005904	4	Fitting, 45	
5	1001101041	2	Adapter, Male Quick Disconnect	
6	1001101042	2	Adapter, Female Quick Disconnect	
7	1001108918	1	Plate	
8	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
9	1001146588	2	Strap, Cable	
10	1001181161	1	Tube	
11	1001008805	2	Seal	

FIGURE 8-26. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - SINGLE)

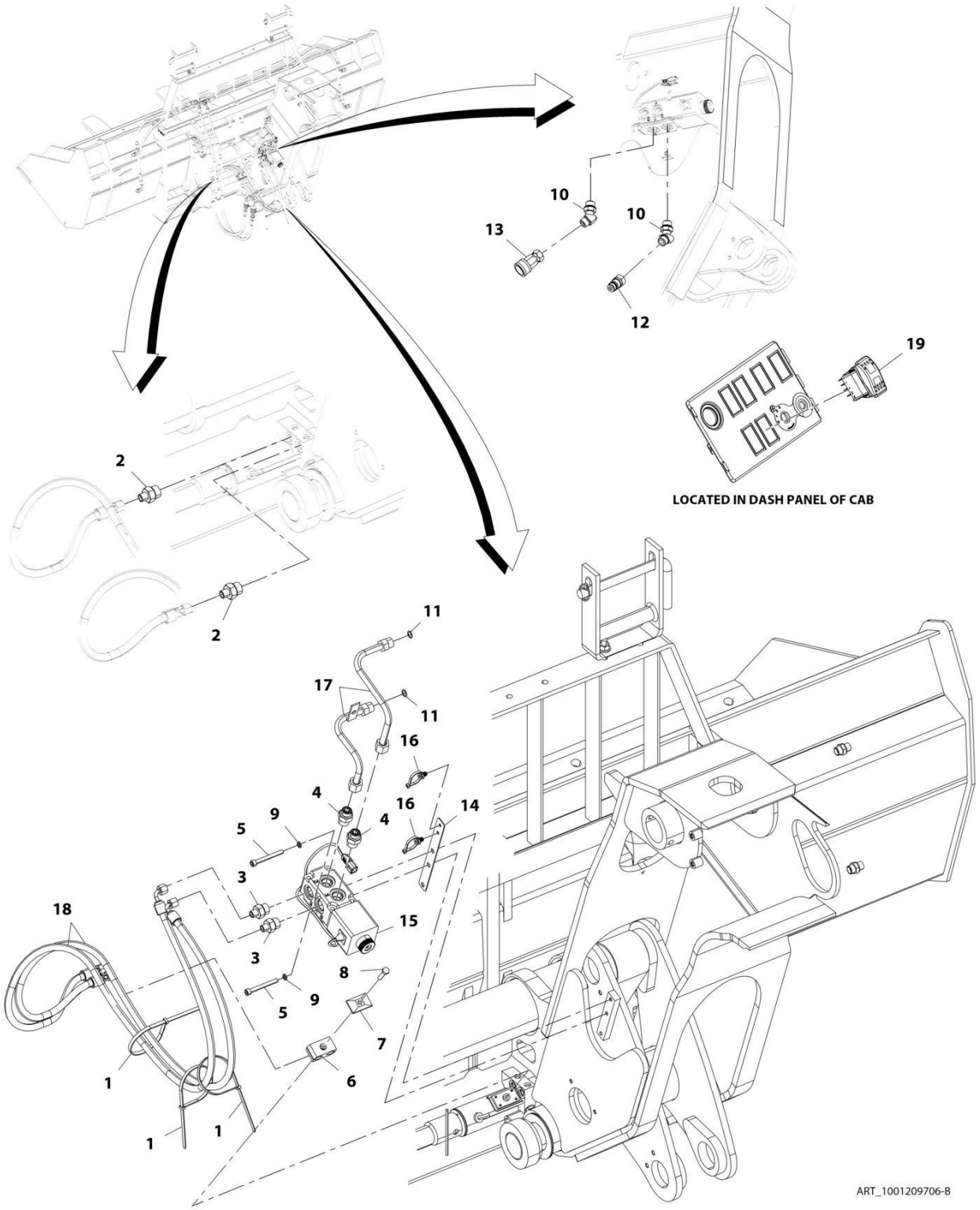


FIGURE 8-26. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209706	Ref	Hydraulic Coupler Lines Installation (Front Boom - Single)	B
1	1062255	3	Tie Strap	
2	2110406	2	Fitting, Straight ORFS	
3	2110410	2	Fitting, Straight ORFS	
4	2110810	2	Fitting, Straight ORFS	
5	4031918	2	Bolt, M8X70	
6	8769124	1	Clamp	
7	77133140	1	Cover Plate	
8	77133177	1	Bolt, M5/16X1 3/8	
9	1001005262	2	Washer	
10	1001005904	2	Fitting, 45	
11	1001008805	2	Seal	
12	1001101041	1	Adapter, Male Quick Disconnect	
13	1001101042	1	Adapter, Female Quick Disconnect	
14	1001108918	1	Plate	
15	1001110023	1	Valve, Divertor (See Separate Breakdown in Hydraulic Components Section)	
16	1001146588	2	Strap, Cable	
17	1001181161	1	Tube	
18	1001209575	2	Hose, ORFS	
19	1001080375	1	Switch, Quick Switch	

FIGURE 8-27. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

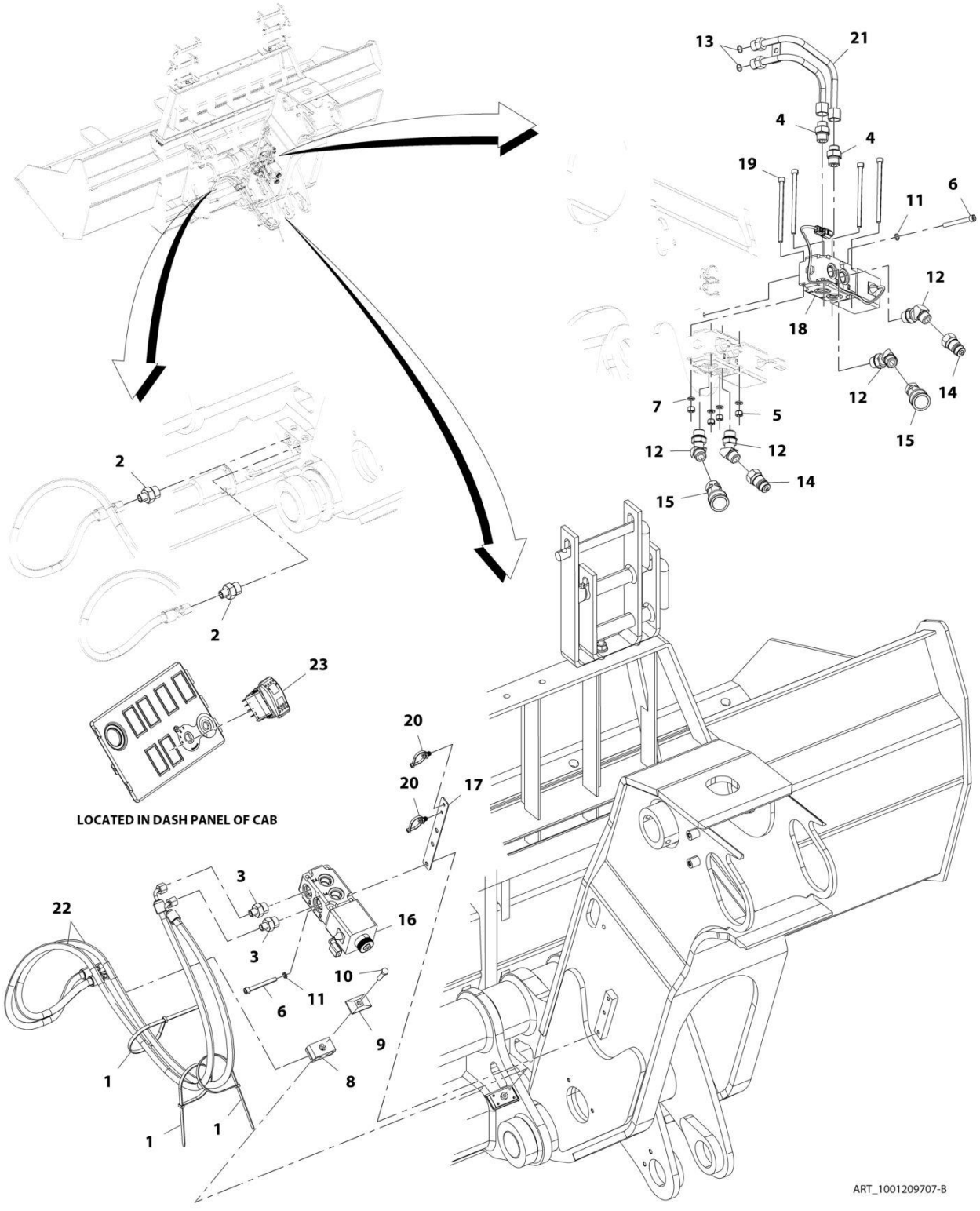


FIGURE 8-27. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209707	Ref	Hydraulic Coupler Lines Installation (Front Boom - Twin)	B
1	1062255	3	Tie Strap	
2	2110406	2	Fitting, Straight ORFS	
3	2110410	2	Fitting, Straight ORFS	
4	2110810	2	Fitting, Straight ORFS	
5	3290805	4	Nut, M8X1.25 Grade 8	
6	4031918	2	Bolt, M8X70	
7	4831900	4	Washer, Lock M8	
8	8769124	1	Clamp	
9	77133140	1	Cover Plate	
10	77133177	1	Bolt, M5/16X1 3/8	
11	1001005262	2	Washer	
12	1001005904	4	Fitting, 45	
13	1001008805	2	Seal	
14	1001101041	2	Adapter, Male Quick Disconnect	
15	1001101042	2	Adapter, Female Quick Disconnect	
16	1001104477	1	Valve, Divertor (See Separate Breakdown in Hydraulic Components Section)	
17	1001108918	1	Plate	
18	1001110023	1	Valve, Divertor (See Separate Breakdown in Hydraulic Components Section)	
19	1001110115	4	Bolt, M8X100	
20	1001146588	2	Strap, Cable	
21	1001181161	1	Tube	
22	1001209575	2	Hose, ORFS	
23	1001080375	1	Switch, Quick Switch	

FIGURE 8-28. AUX HYDRAULIC LINES INSTALLATION (NO REAR AUX)

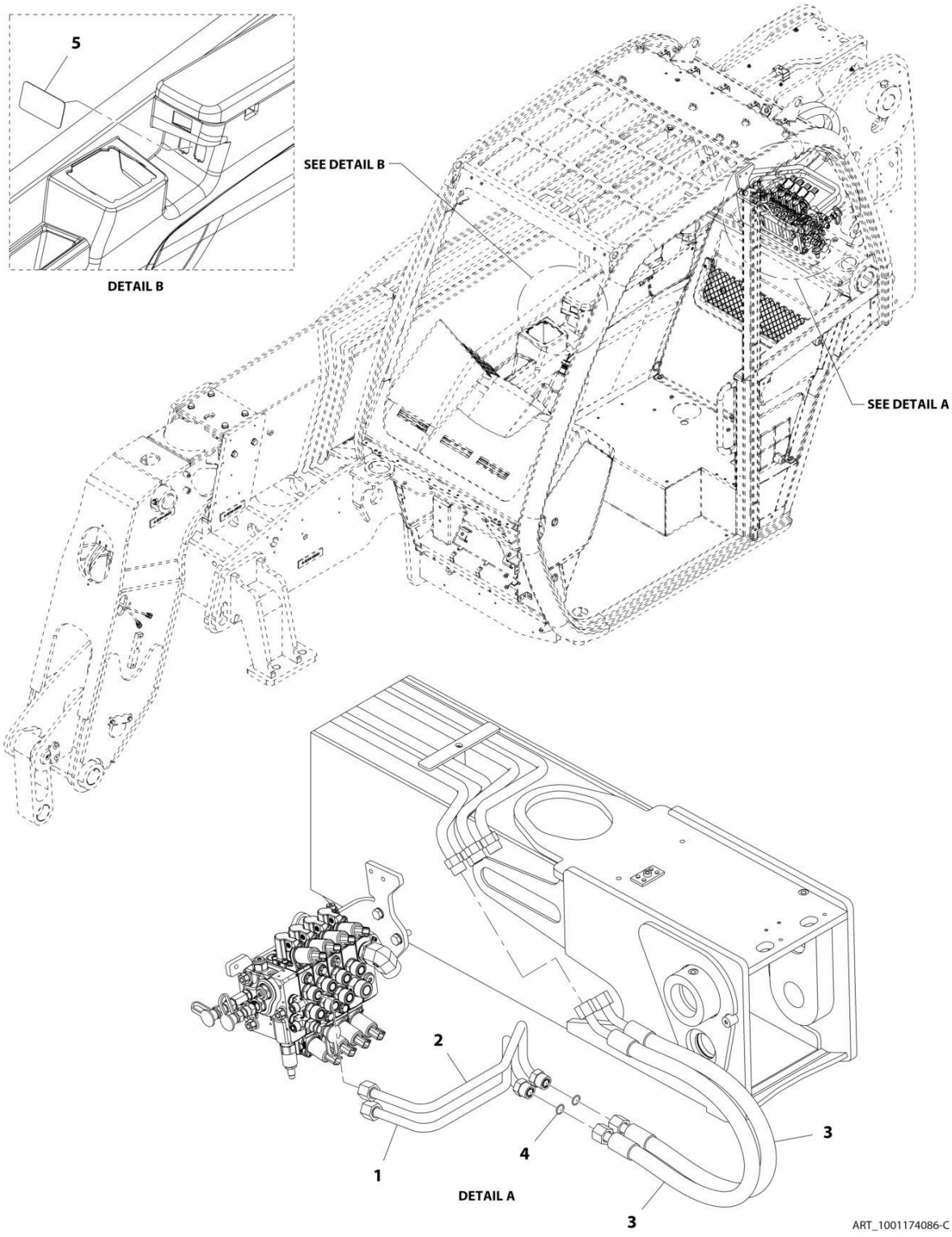


FIGURE 8-28. AUX HYDRAULIC LINES INSTALLATION (NO REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174086	Ref	Aux Hydraulic Lines Installation (No Rear Aux)	C
1	1001184601	1	Pipe	
2	1001184602	1	Pipe	
3	1001184670	2	Hose, ORFS	
4	1001008922	2	Seal	
5	1670836	1	Cover, Boom	

FIGURE 8-29. REAR AUX HYDRAULICS INSTALLATION (SINGLE)

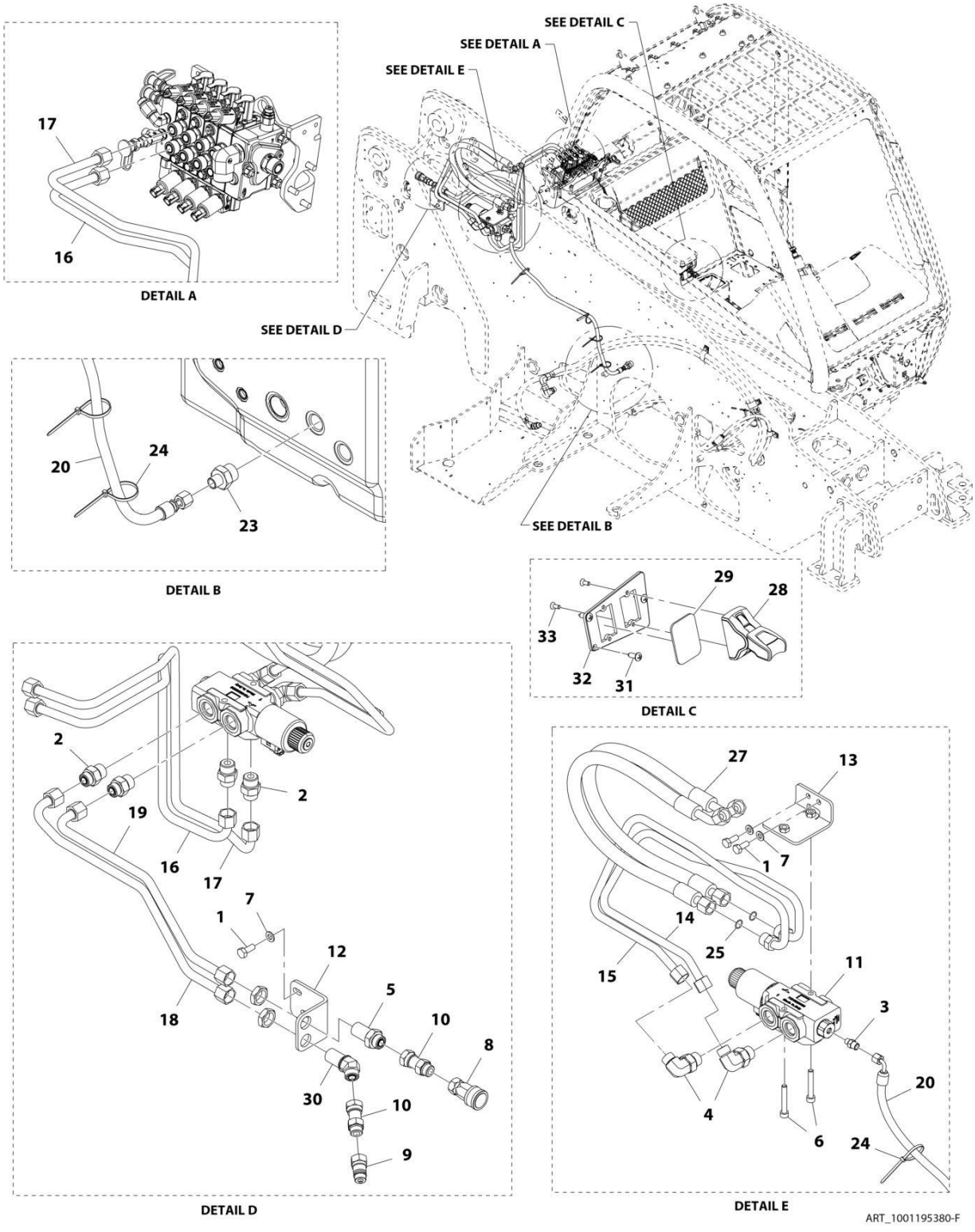


FIGURE 8-29. REAR AUX HYDRAULICS INSTALLATION (SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195380	Ref	Rear Aux Hydraulics Installation (Single)	F
1	0761012	4	Bolt, M10X25	
2	2111012	4	Fitting, Straight ORFS	
3	2110404	1	Fitting, Straight ORFS	
4	2131012	2	Fitting, 90 ORFS	
5	2171110	1	Fitting, Straight ORFS	
6	4032017	2	Screw	
7	4812000	4	Washer, M10	
8	1001101042	1	Adapter, Female Quick Disconnect	
9	1001101041	1	Adapter, Male Quick Disconnect	
10	1001001556	2	Fitting, Straight ORFS	
11	1001173771	1	Valve, Divertor (See Separate Breakdown in Hydraulic Components Section)	
12	1001216006	1	Bracket	
13	1001216053	1	Bracket	
14	1001213962	1	Tube	
15	1001213963	1	Tube	
16	1001213937	1	Pipe, ORFS	
17	1001213958	1	Pipe, ORFS	
18	1001213930	1	Pipe, ORFS	
19	1001213934	1	Pipe, ORFS	
20	1001213922	1	Hose, ORFS	
23	2110612	1	Fitting, Straight ORFS	
24	471678	4	Tie Strap	
25	1001008922	2	Seal	
27	1001184670	2	Hose, ORFS	
28	1001157919	1	Joystick, Fingertip Control	
29	1001214399	1	Cover	
30	2171310	1	Fitting, 45 ORFS	
31	7029486	3	Screw	
32	1001216163	1	Plate	
33	1001216232	2	Screw	

FIGURE 8-30. REAR AUX HYDRAULICS INSTALLATION (TWIN)

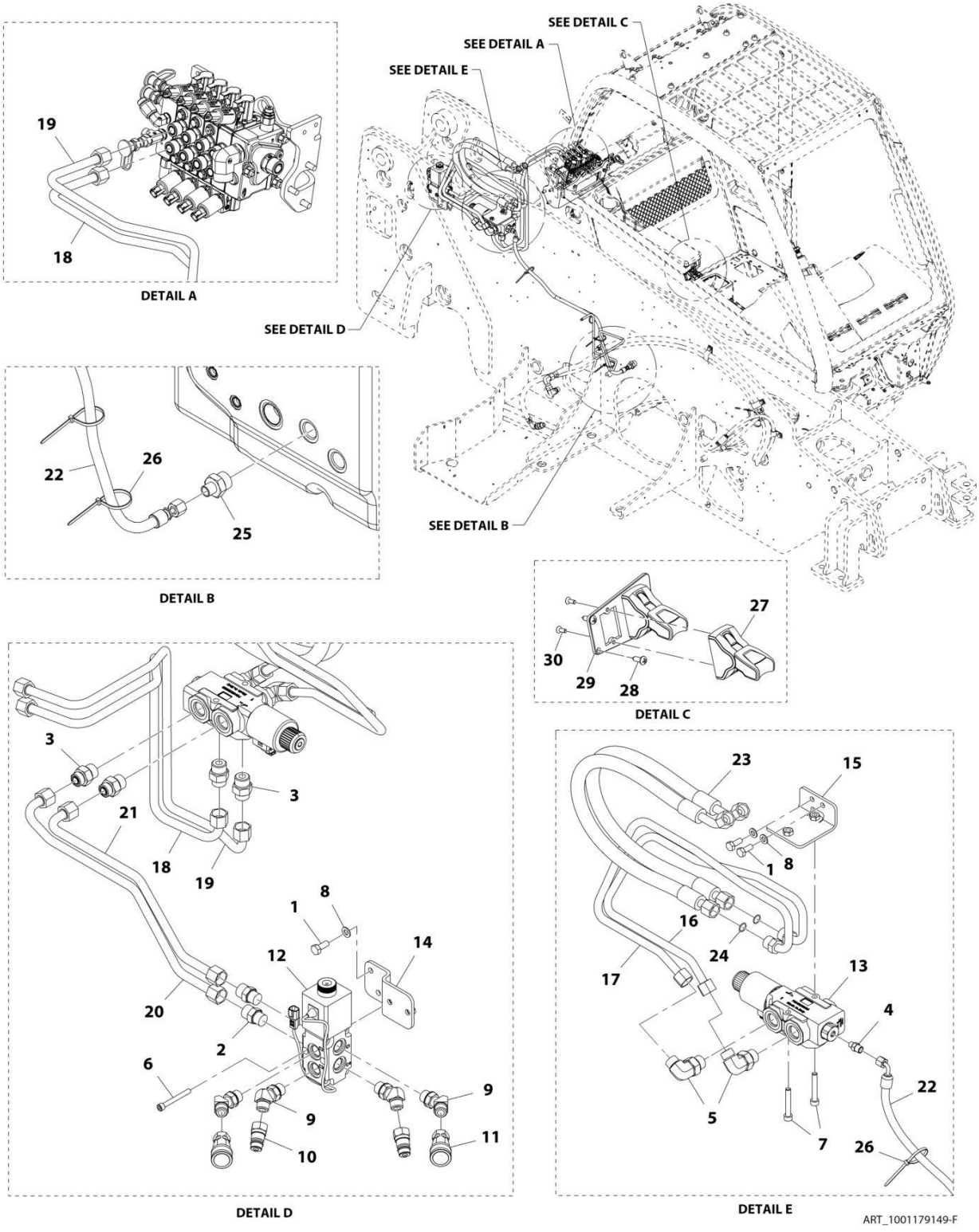


FIGURE 8-30. REAR AUX HYDRAULICS INSTALLATION (TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179149	Ref	Rear Aux Hydraulics Installation (Twin)	F
1	0761012	4	Bolt, M10X25	
2	2111010	2	Fitting, Straight ORFS	
3	2111012	4	Fitting, Straight ORFS	
4	2130404	1	Fitting, 90 ORFS	
5	2131012	2	Fitting, 90 ORFS	
6	4031918	2	Bolt, M8X70	
7	4032017	2	Screw	
8	4812000	4	Washer, M10	
9	1001005904	4	Fitting, 45	
10	1001101041	2	Adapter, Male Quick Disconnect	
11	1001101042	2	Adapter, Female Quick Disconnect	
12	1001110023	1	Valve, Divertor (See Separate Breakdown in Hydraulic Components Section)	
13	1001173771	1	Valve, Divertor (See Separate Breakdown in Hydraulic Components Section)	
14	1001205705	1	Bracket	
15	1001216053	1	Bracket	
16	1001213962	1	Tube	
17	1001213963	1	Tube	
18	1001213937	1	Pipe, ORFS	
19	1001213958	1	Pipe, ORFS	
20	1001213930	1	Pipe, ORFS	
21	1001213934	1	Pipe, ORFS	
22	1001213922	1	Hose, ORFS	
23	1001184670	2	Hose, ORFS	
24	1001008922	2	Seal	
25	2110612	1	Fitting, Straight ORFS	
26	471678	4	Tie Strap	
27	1001157919	2	Joystick, Fingertip Control	
28	7029486	3	Screw	
29	1001216163	1	Plate	
30	1001216232	4	Screw	

FIGURE 8-31. TRAILER BRAKE INSTALLATION (CE)

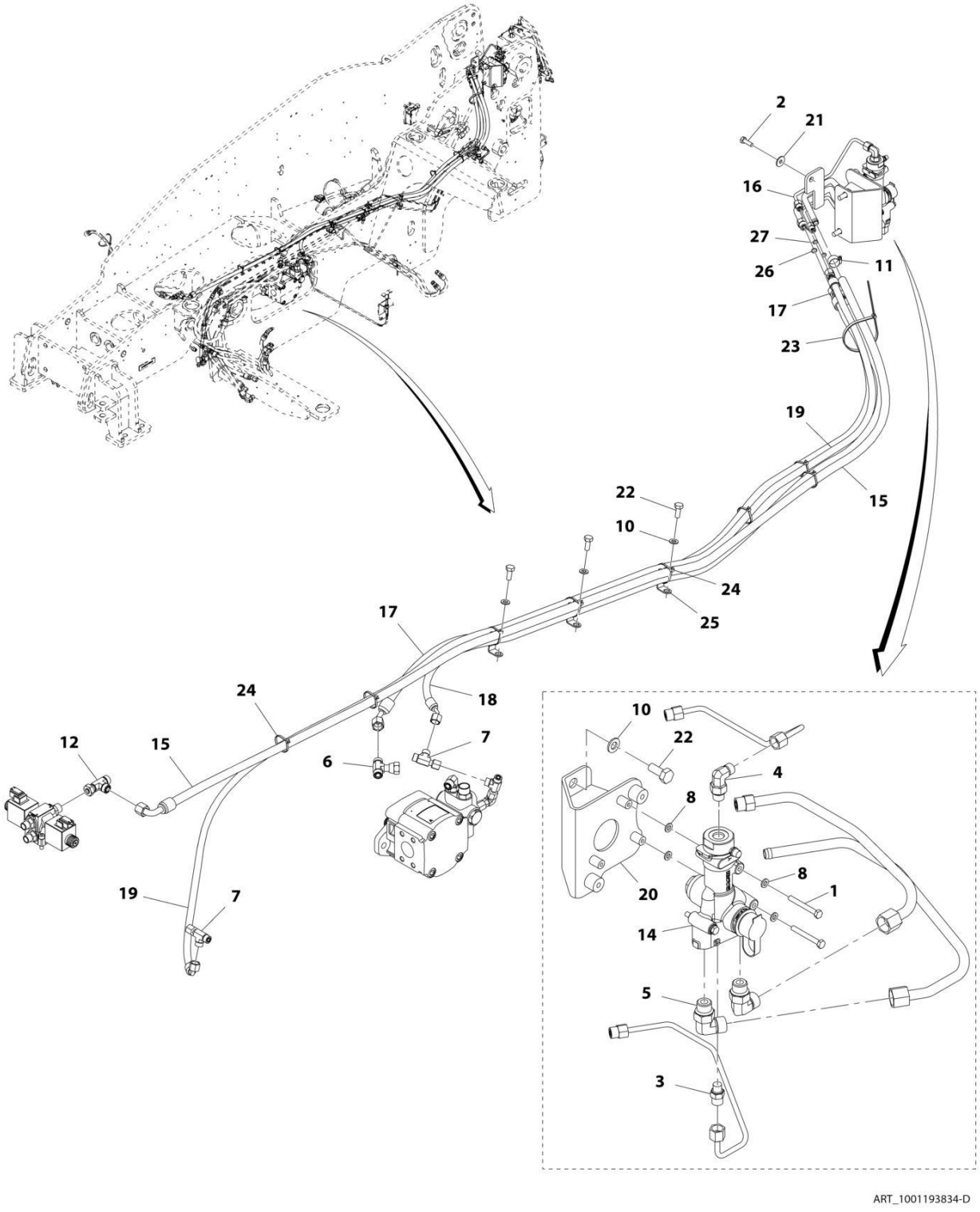


FIGURE 8-31. TRAILER BRAKE INSTALLATION (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193834	Ref	Trailer Brake Installation (CE)	D
1	0700618	3	Bolt, M6X50	
2	0760812	1	Bolt, M8X25	
3	1001206179	1	Valve	
4	2130406	1	Fitting, 90 ORFS	
5	2130808	2	Fitting, 90 ORFS	
6	2170808	1	Fitting, Tee ORFS	
7	2170706	2	Fitting, Tee ORFS	
8	4811700	6	Washer, M6	
10	4812000	5	Washer, M10	
11	8405006	1	Clamp	
12	2170708	1	Fitting, Tee ORFS	
14	1001212384	1	Valve, Trailer Brake (CE) (See Separate Breakdown in Hydraulic Components Section)	
15	1001206069	1	Hose, ORFS	
16	1001205866	1	Bracket	
17	1001206070	1	Hose, ORFS	
18	1001206071	1	Hose, ORFS	
19	1001206072	1	Hose, ORFS	
20	1001206022	1	Bracket	
21	4811902	1	Washer, M8	
22	0761012	5	Bolt, M10X25	
23	1062255	1	Tie Strap	
24	1001008559	8	Strap	
25	1001130198	3	Clip	
26	1001008804	1	Seal	
27	1001008586	2	Seal, ORFS	

FIGURE 8-32. HYDROSTATIC LINES INSTALLATION

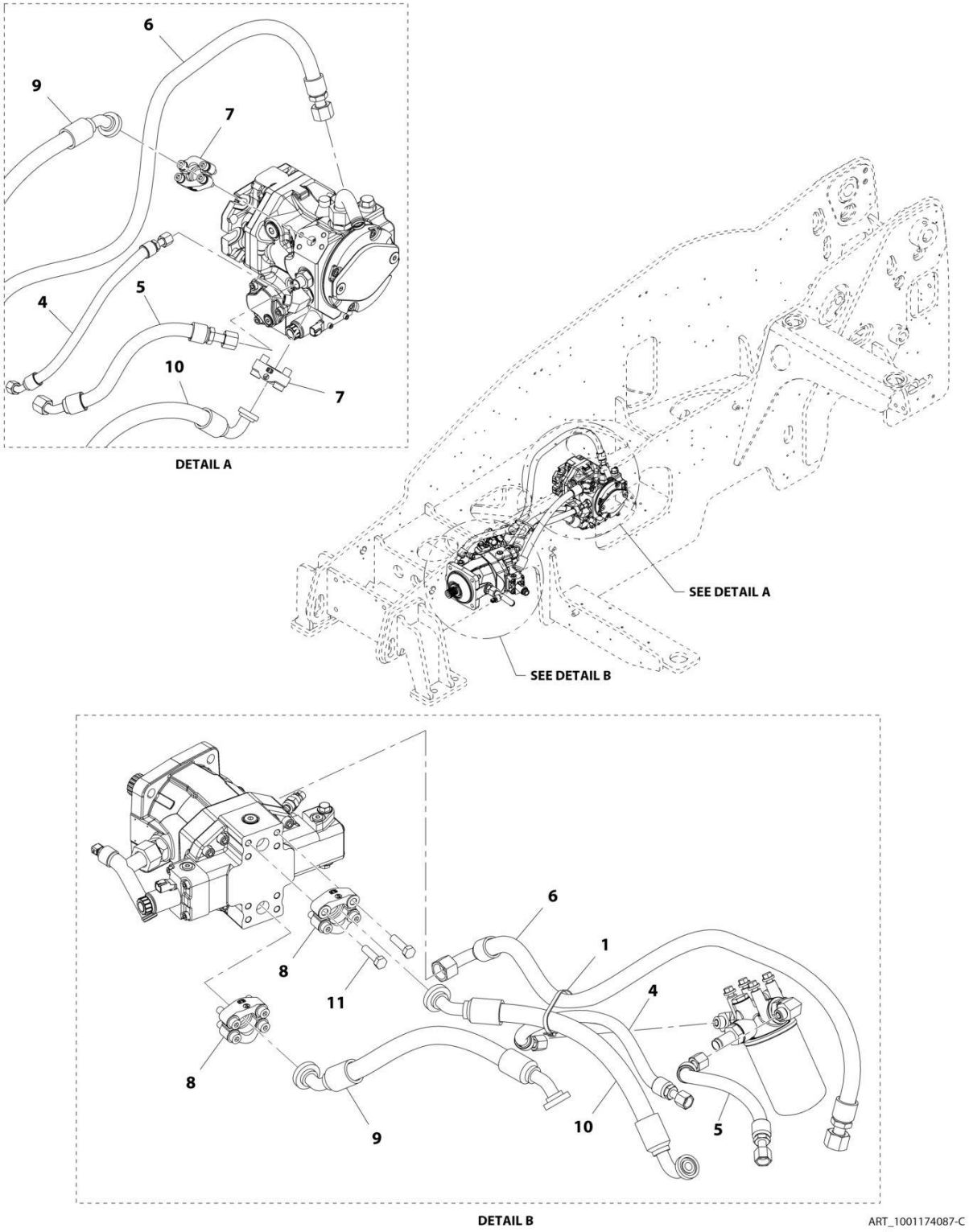


FIGURE 8-32. HYDROSTATIC LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174087	Ref	Hydrostatic Lines Installation	C
1	1062255	1	Tie Strap	
4	1001183773	1	Hose	
5	1001183774	1	Hose	
6	1001183775	1	Hose	
7	1001183808	2	Kit, Flange	
8	1001183816	2	Kit, Flange	
9	1001192898	1	Hose	
10	1001192899	1	Hose	
11	0711217	2	Bolt, M12X45	

FIGURE 8-33. BOOM HYDRAULIC TUBES INSTALLATION

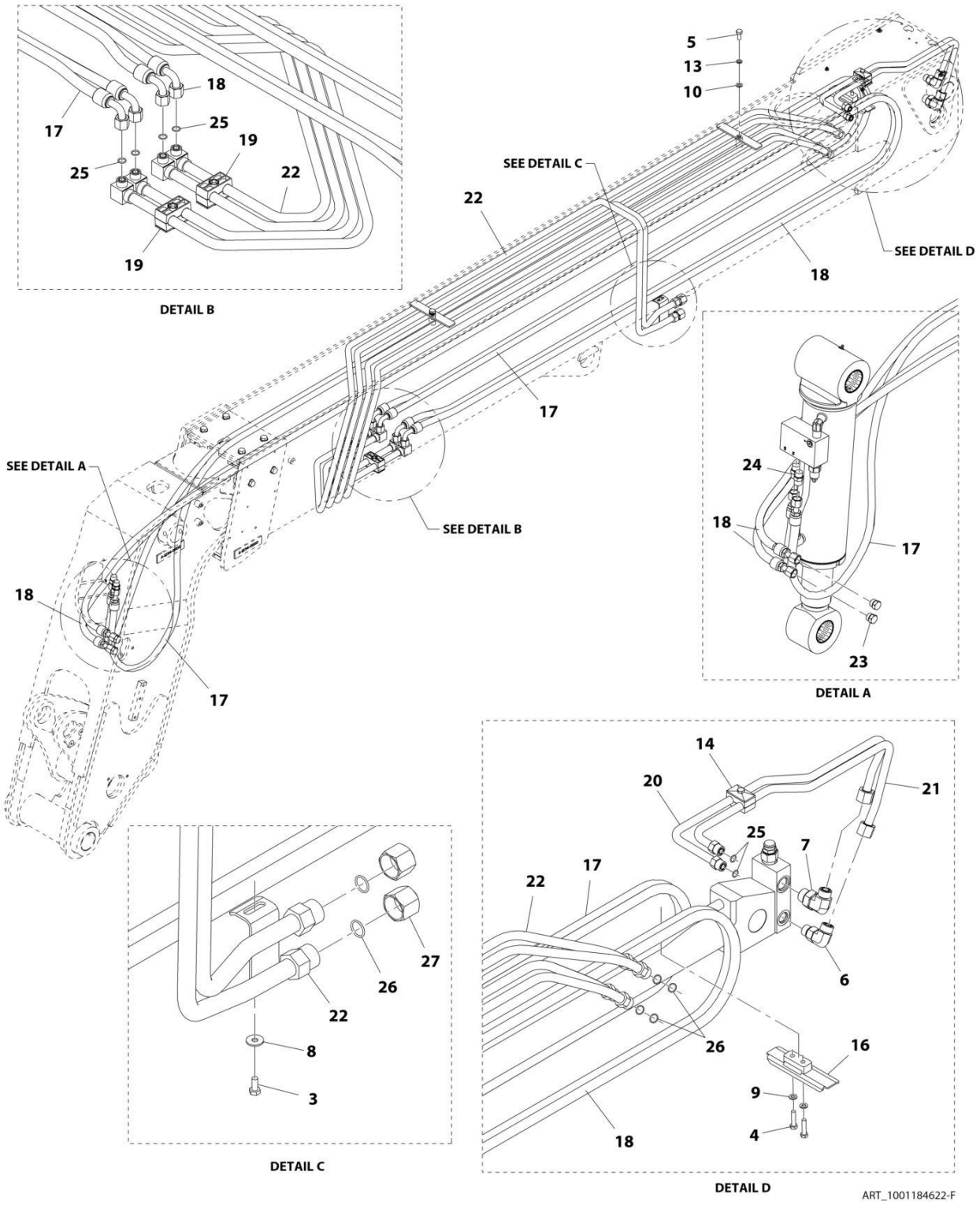


FIGURE 8-33. BOOM HYDRAULIC TUBES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184622	Ref	Boom Hydraulic Tubes Installation	F
3	0760607	1	Bolt, M6X14	
4	0760815	2	Bolt, M8X35	
5	0761012	2	Bolt, M10X25	
6	2131010	1	Fitting, 90 ORFS	
7	2131012	1	Fitting, 90 ORFS	
8	4811702	1	Washer, M6	
9	4811900	2	Washer, M8	
10	4812000	2	Washer, M10	
13	4832000	2	Washer, Lock M10	
14	1001148372	1	Clamp	
16	1001213020	1	Hose Clamp	
17	1001177606	1	Hose	
18	1001177706	1	Hose	
19	1001181455	2	Clamp	
20	1001184265	1	Pipe	
21	1001184266	1	Pipe	
22	1001200710	1	Pipe	
23	2171008	2	Fitting, Straight ORFS	
24	2110808	2	Fitting, Straight ORFS	
25	1001008805	6	Seal	
26	1001008922	6	Seal	
27	2170910	2	Cap	

FIGURE 8-34. IMPLEMENT PUMP FILTER INSTALLATION

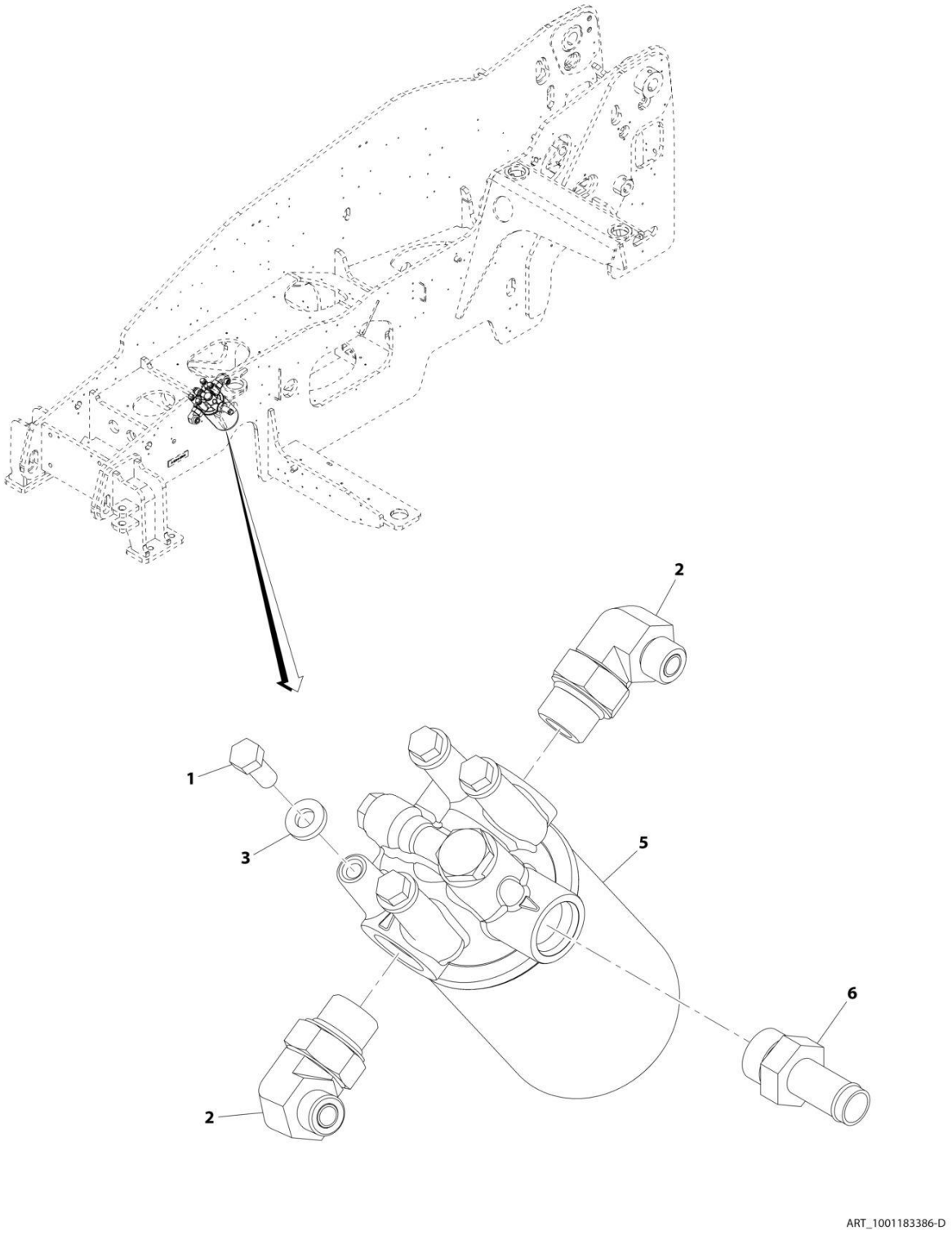


FIGURE 8-34. IMPLEMENT PUMP FILTER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183386	Ref	Implement Pump Filter Installation	D
1	0681607	4	Bolt, M3/8-16X7/8 Grade 8	
2	2130812	2	Fitting, 90 ORFS	
3	4812000	4	Washer, M10	
5	1001141976	1	Assembly, Implement Pump Filter (See Separate Breakdown in this Section)	
6	1001183700	1	Fitting	

FIGURE 8-35. IMPLEMENT PUMP FILTER ASSEMBLY

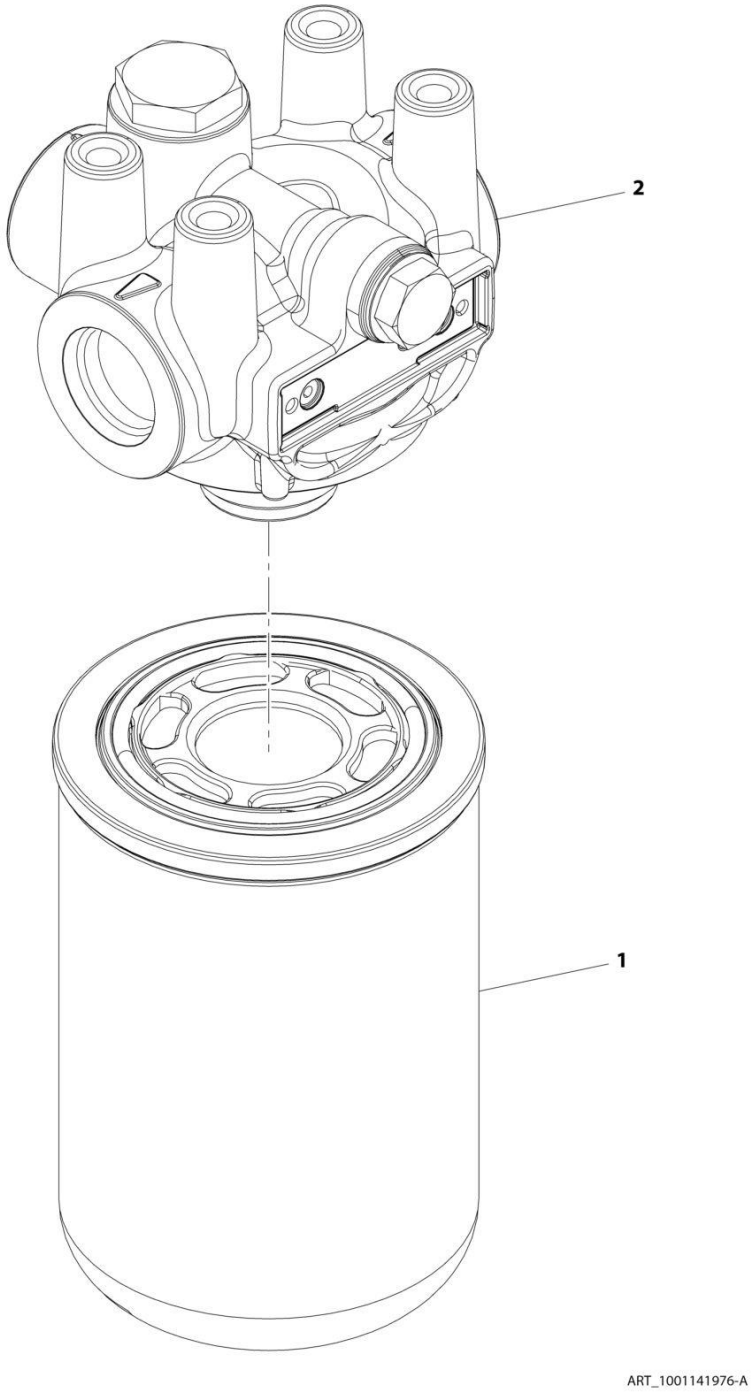


FIGURE 8-35. IMPLEMENT PUMP FILTER ASSEMBLY

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

FIGURE 8-36. LIFT CYLINDER INSTALLATION

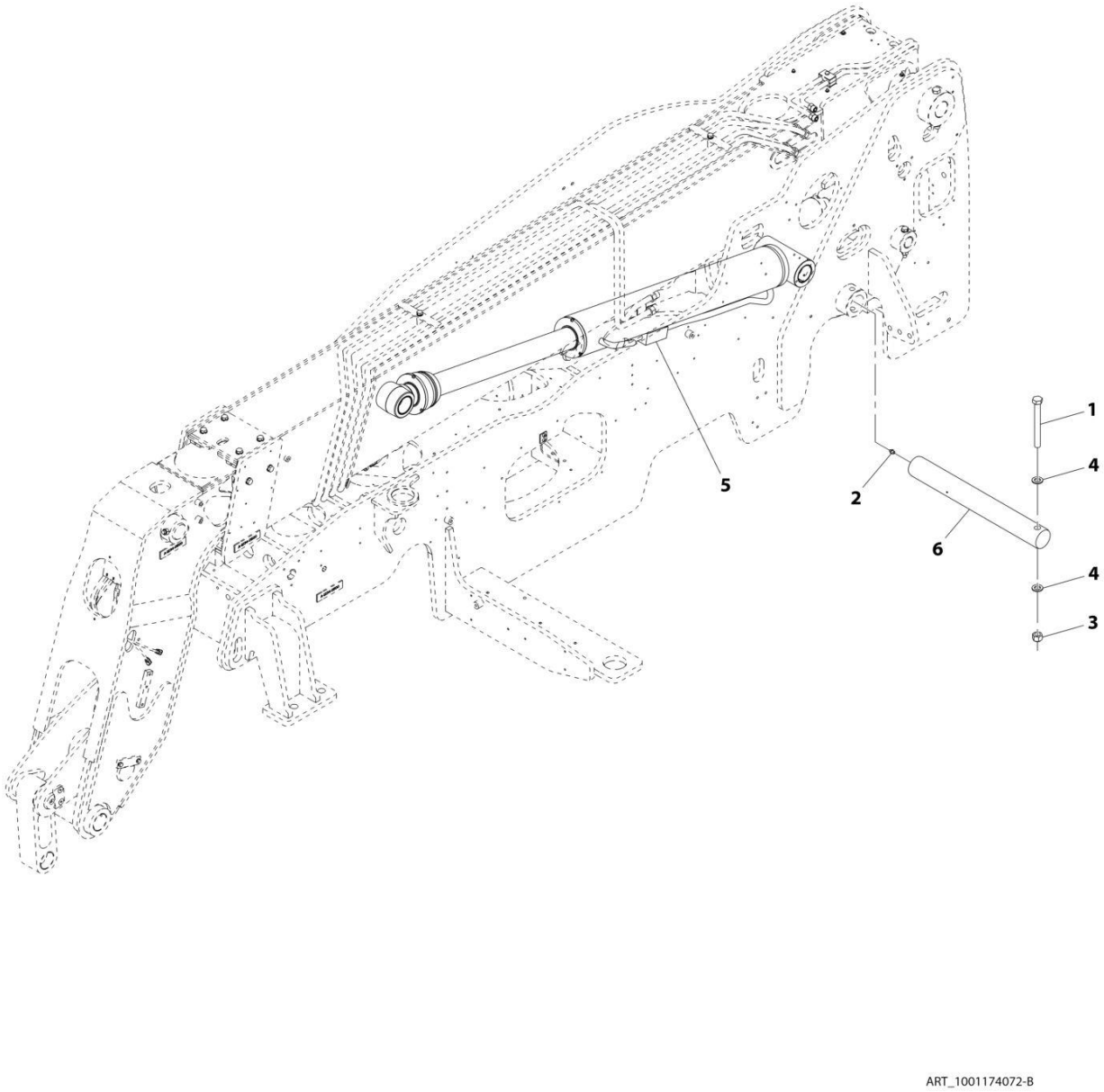


FIGURE 8-36. LIFT CYLINDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174072	Ref	Lift Cylinder Installation	B
1	0701632	1	Bolt, M16-2X150	
2	2160016	1	Fitting, Grease	
3	3291605	1	Nut, Lock M16X2 Grade 8	
4	4812300	2	Washer, M16	
5	1001175013	1	Cylinder, Lift (See Separate Breakdown in this Section)	
6	1001183437	1	Pin	

FIGURE 8-37. SPEED SELECT VALVE INSTALLATION

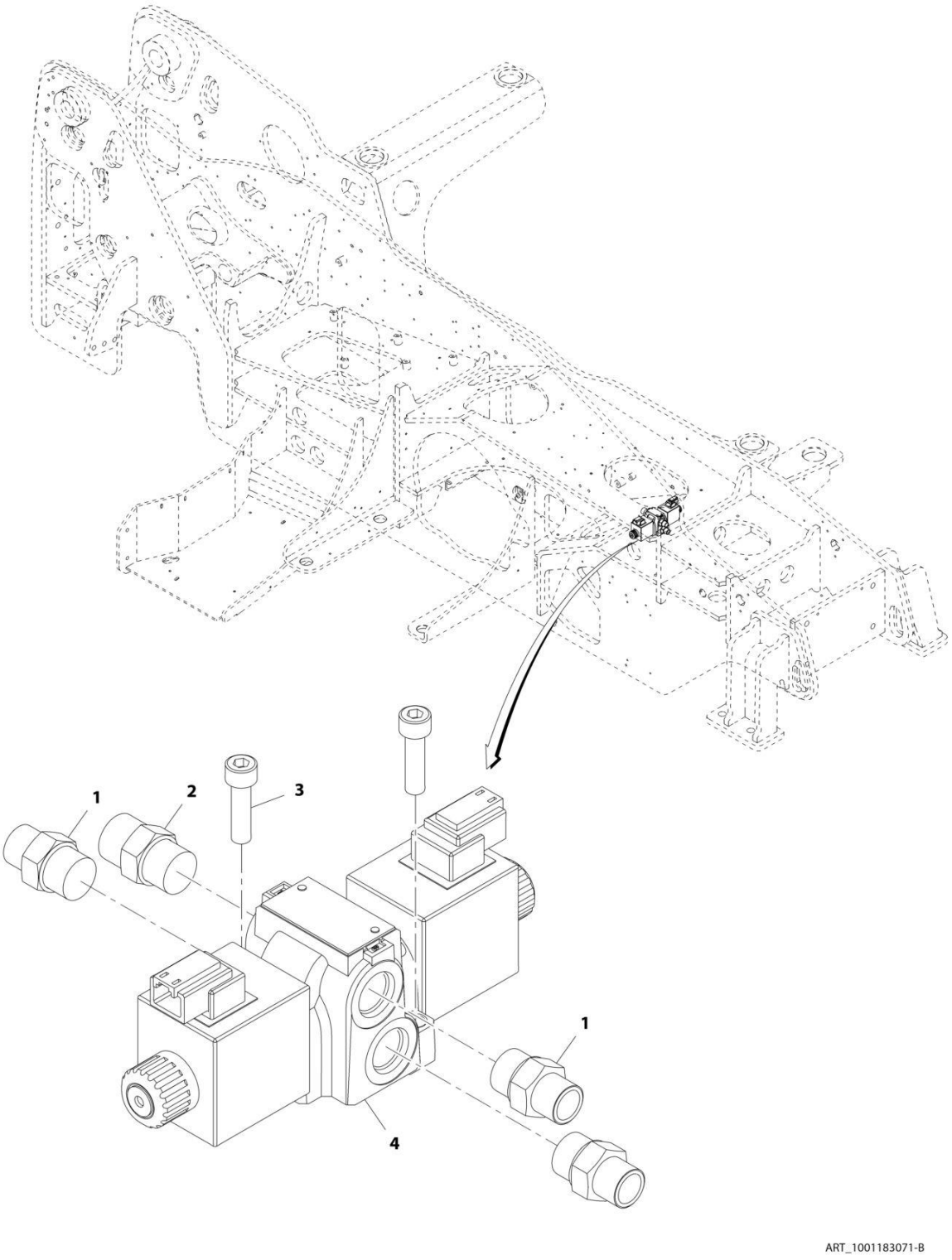


FIGURE 8-37. SPEED SELECT VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183071	Ref	Speed Select Valve Installation	B
1	2110608	3	Fitting, Straight ORFS	
2	2110808	1	Fitting, Straight ORFS	
3	4031910	2	Bolt, M8X30	
4	4641520	1	Valve, Speed Select (See Separate Breakdown in Hydraulic Components Section)	

FIGURE 8-38. BRAKE ACCUMULATOR INSTALLATION

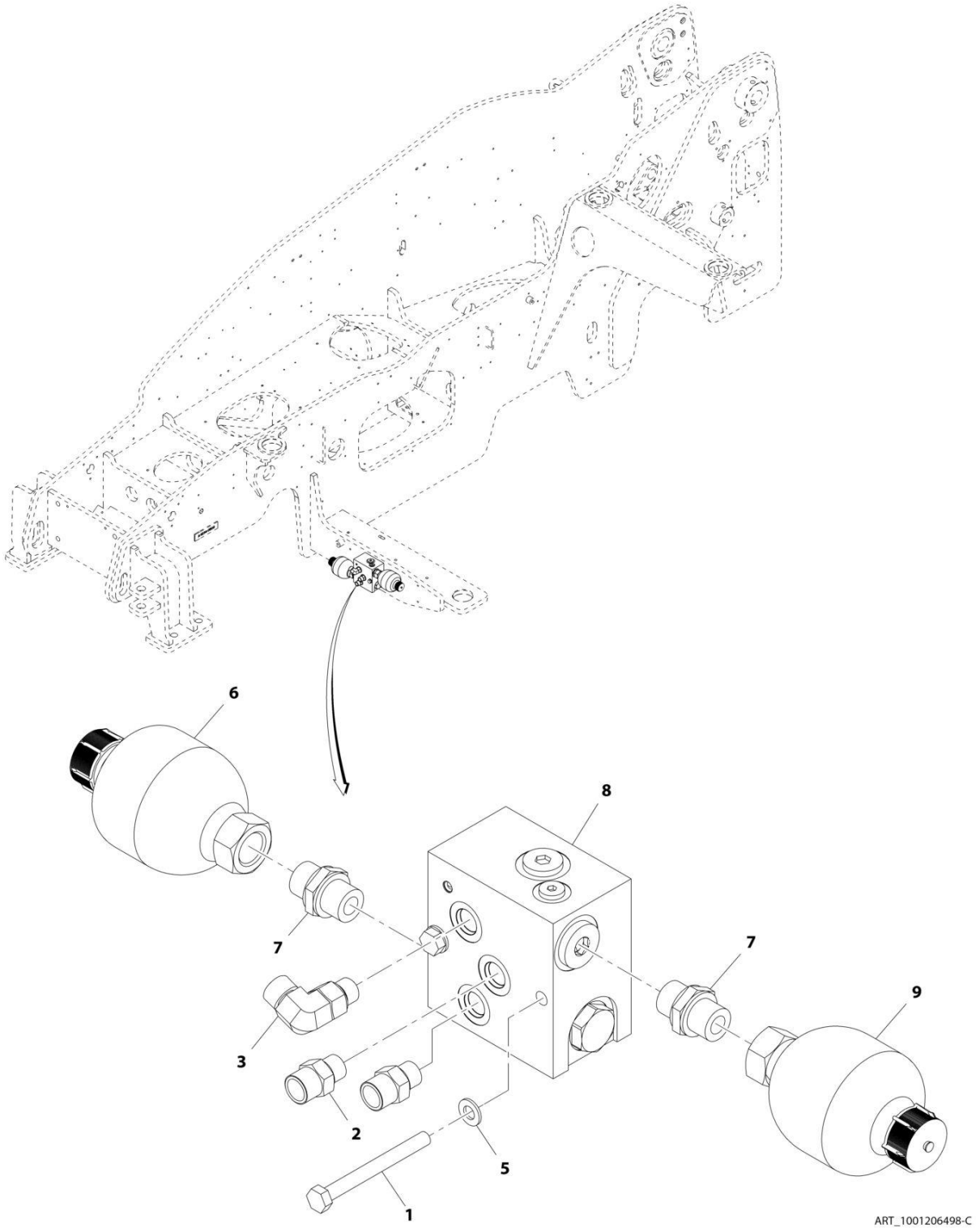
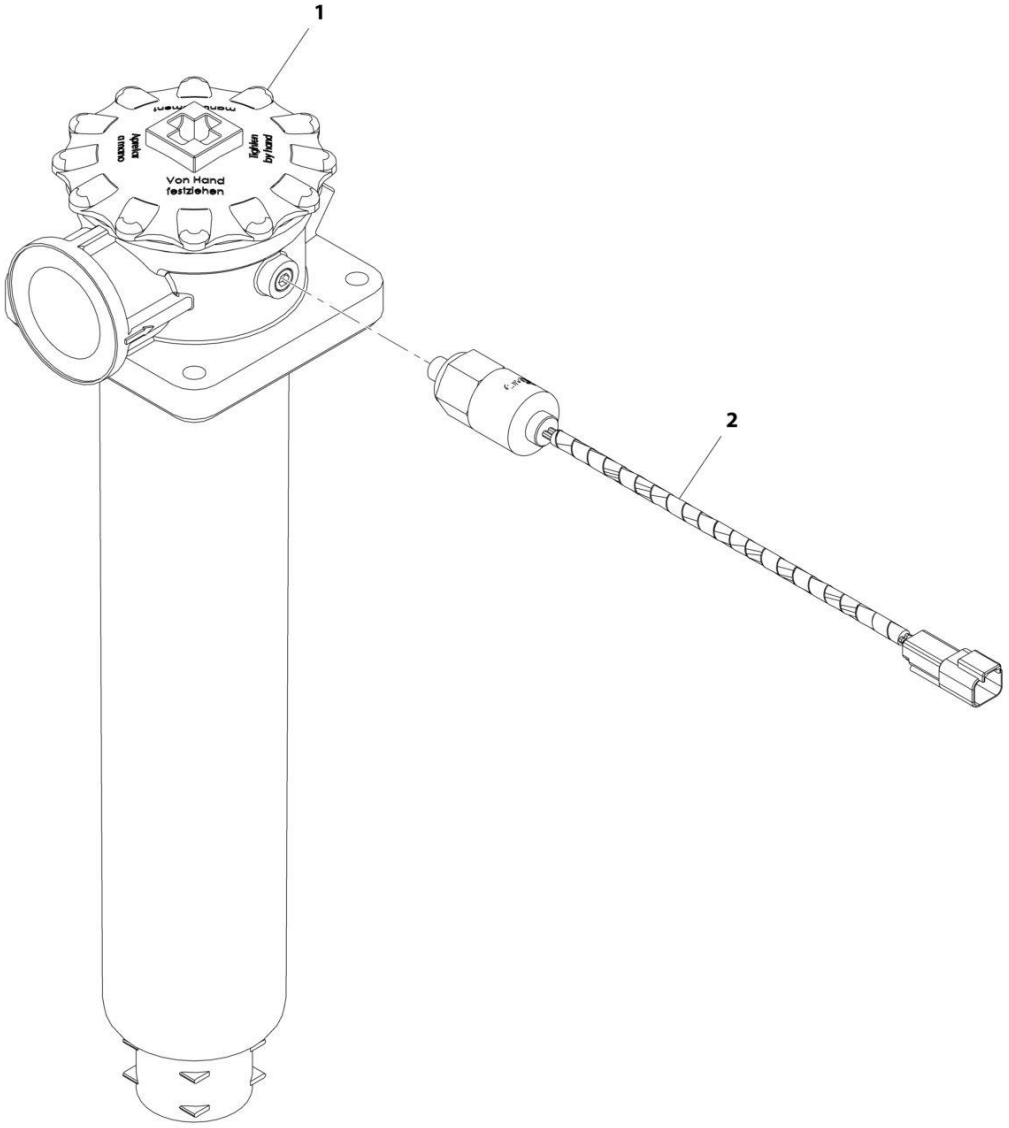


FIGURE 8-38. BRAKE ACCUMULATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206498	Ref	Brake Accumulator Installation	C
1	0700822	2	Bolt, M8X70	
2	2110606	2	Fitting, Straight ORFS	
3	2130606	1	Fitting, 90 ORFS	
5	4811900	2	Washer, M8	
6	1001173418	1	Damper, Brake Pressure	
7	1001179926	2	Fitting	
8	1001215589	1	Manifold, SAHR Brake, (See Separate Breakdown in Hydraulic Components Section)	
9	1001209651	1	Damper, Brake	

FIGURE 8-39. HYDRAULIC FILTER ASSEMBLY



ART_1001182214-D

FIGURE 8-39. HYDRAULIC FILTER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182214	Ref	Hydraulic Filter Assembly	D
1	1001162661	1	Filter, Hydraulic (See Separate Breakdown in this Section)	
2	1001184864	1	Harness, Oil Pressure Switch	

FIGURE 8-40. AUTO APPLY PARK BRAKE INSTALLATION

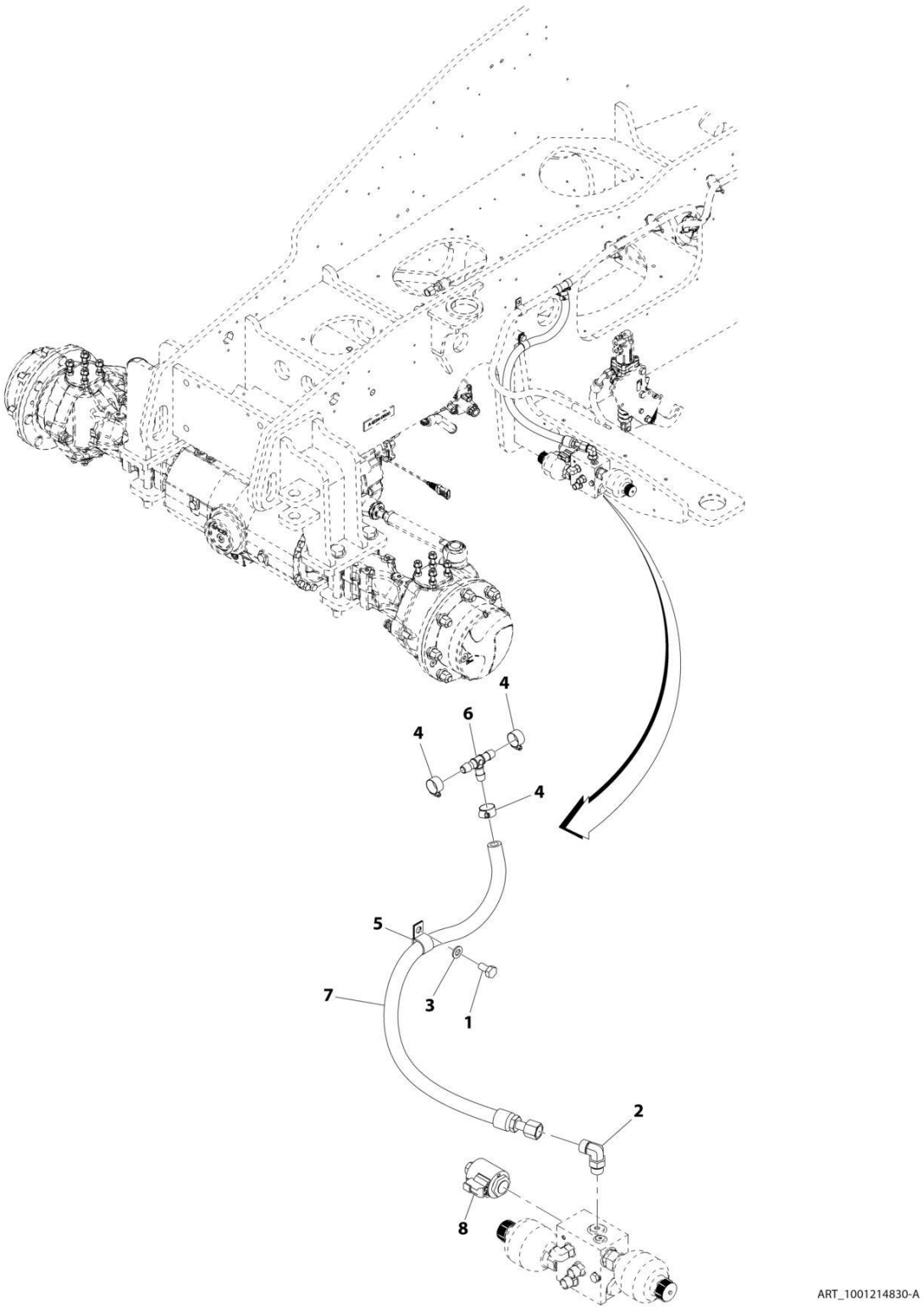


FIGURE 8-40. AUTO APPLY PARK BRAKE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214830	Ref	Auto Apply Park Brake Installation	A
1	0761010	1	Bolt, M10X20	
2	2130808	1	Fitting, 90 ORFS	
3	4812000	1	Washer, M10	
4	8410009	3	Gear Clamp	
5	1001004144	1	Clip	
6	1001176411	1	Fitting Tee	
7	1001205778	1	Hose	
8	1001214843	1	Valve, Divertor (See Separate Breakdown in Hydraulic Components Section)	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. LIFT CYLINDER

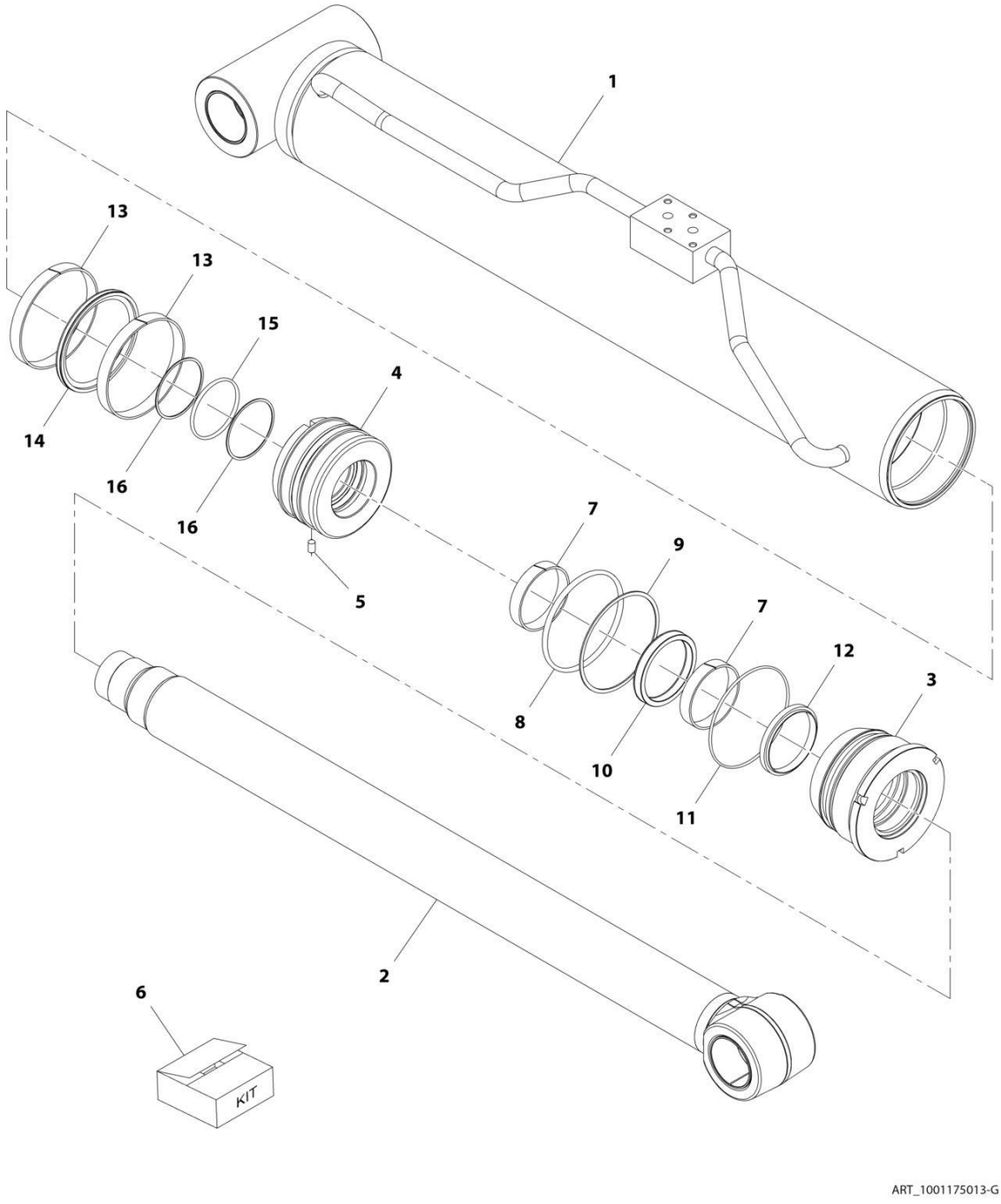


FIGURE 9-1. LIFT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175013	Ref	Lift Cylinder	G
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70026840	1	Barrel	
2	70026841	1	Rod	
3	70026842	1	Guide, Rod	
4	70026843	1	Piston	
5	70020438	1	Screw	
6	70026844	1	Kit, Seal (includes items 7 thru 16)	
7	Kit	2	Bearing	
8	Kit	1	O-Ring	
9	Kit	1	Ring, Backup	
10	Kit	1	Seal, Rod	
11	Kit	1	O-Ring	
12	Kit	1	Wiper	
13	Kit	2	Bearing	
14	Kit	1	Seal, Piston	
15	Kit	1	O-Ring	
16	Kit	2	Ring, Backup	

FIGURE 9-2. TILT CYLINDER

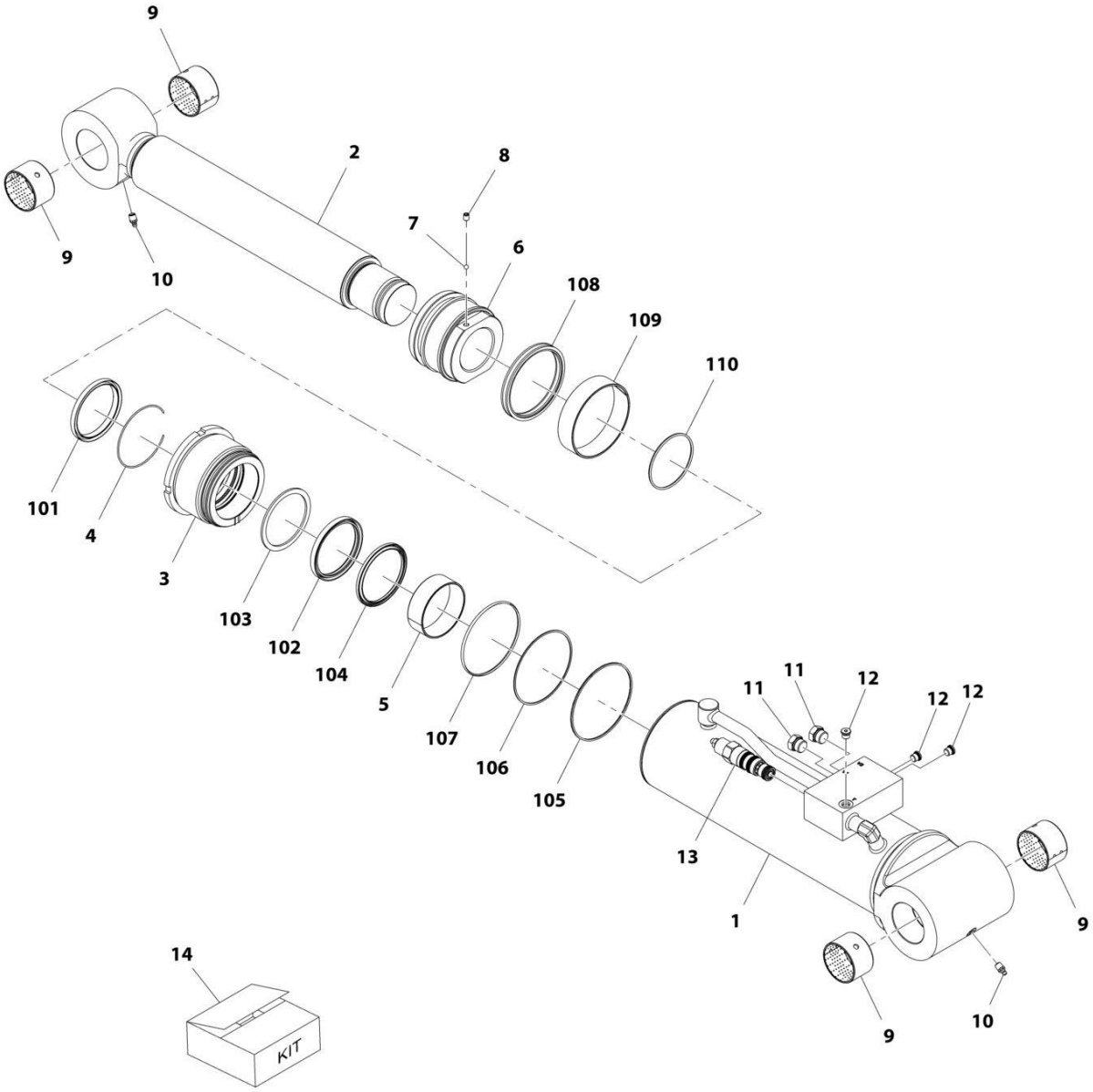
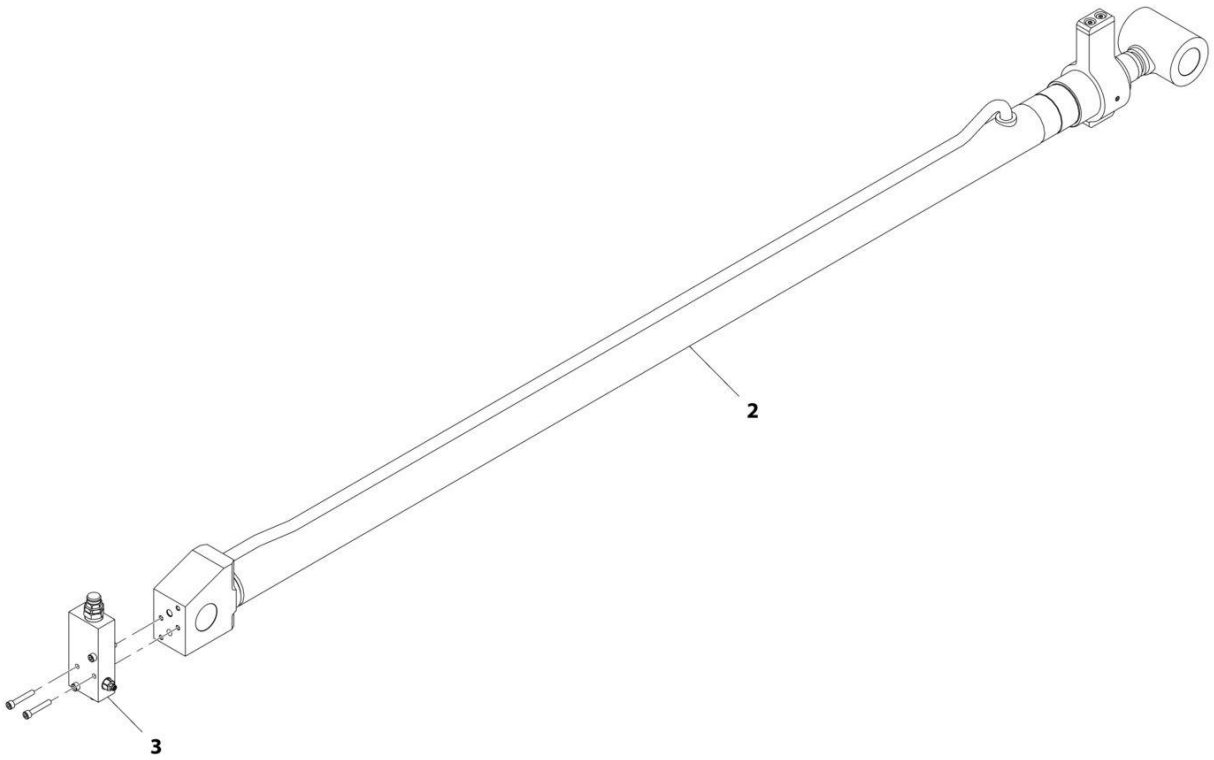


FIGURE 9-2. TILT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195800	Ref	Tilt Cylinder	E
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70027221	1	Barrel	
2	70027216	1	Rod	
3	70027217	1	Gland	
4	70027220	1	Ring, Retaining	
5	70027219	1	Bearing, Dry	
6	70027218	1	Piston	
7	70022564	1	Ball, Steel	
8	70023369	1	Screw, Set	
9	70026543	4	Bearing, Dry	
10	70026308	2	Fitting, Grease	
11	70023372	2	Plug, Hex	
12	70023370	3	Plug, Socket	
13	1001189888	1	Valve, Counterbalance	
14	70027222	1	Kit, Seal	
101	Kit	1	Wiper, Dust	
102	Kit	1	Seal, Rod	
103	Kit	1	Ring, Backup	
104	Kit	1	Ring, Buffer	
105	Kit	1	O-Ring	
106	Kit	1	Ring, Backup	
107	Kit	1	O-Ring	
108	Kit	1	Seal, Piston	
109	Kit	1	Ring, Wear	
110	Kit	1	O-Ring	

FIGURE 9-3. EXTEND/RETRACT CYLINDER ASSEMBLY



ART_1001203314-B

FIGURE 9-3. EXTEND/RETRACT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203314	Ref	Extend/Retract Cylinder Assembly	B
2	1001197447	1	Cylinder, Extend/Retract (See Separate Breakdown in this Section)	
3	1001201245	1	Valve, Counterbalance (Sold as Complete Assembly Only)	
3	70027600	1	Seal Kit - Mounting Seal (Includes Seals Between Valve & Cylinder)	

FIGURE 9-4. EXTEND/RETRACT CYLINDER

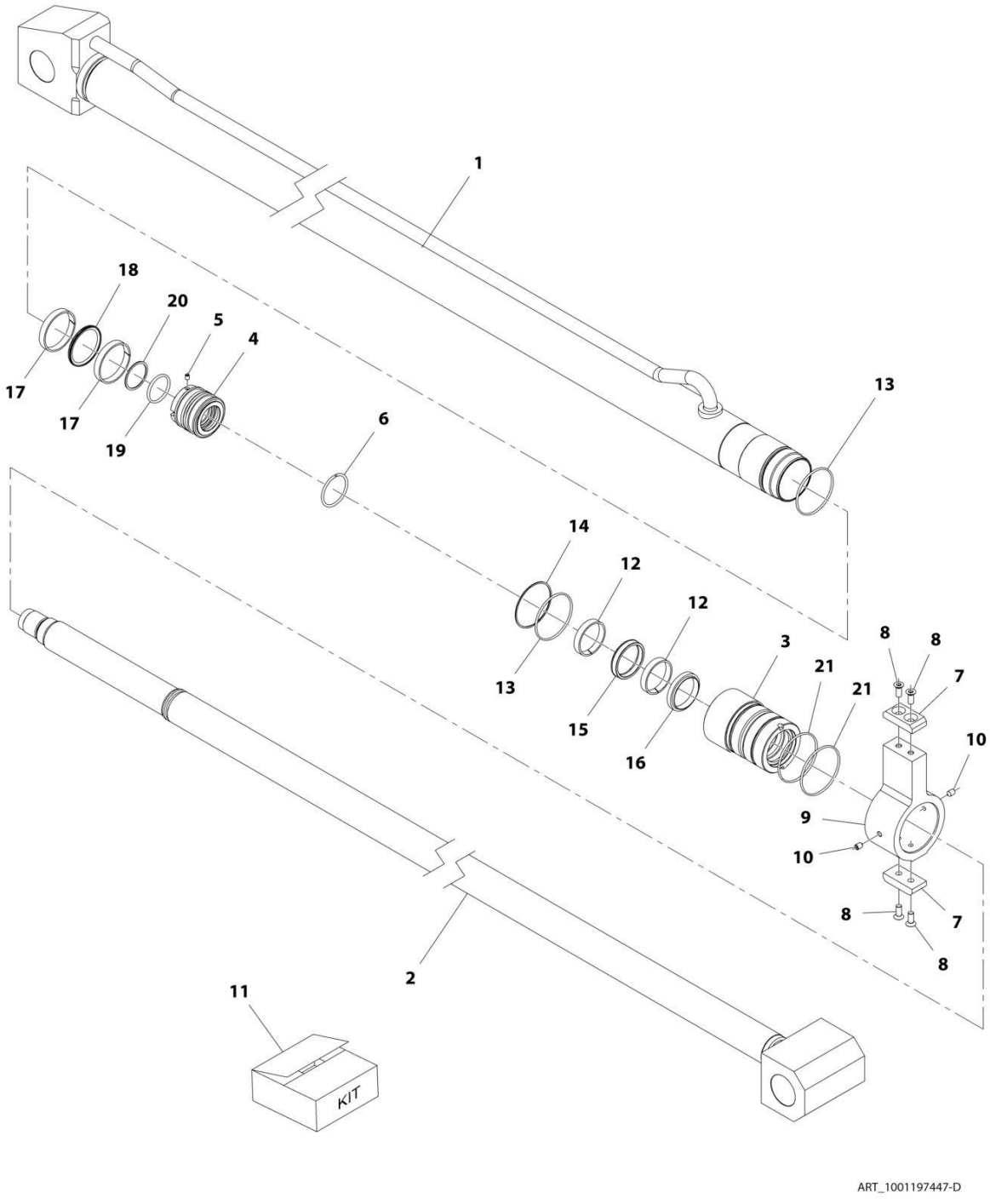


FIGURE 9-4. EXTEND/RETRACT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197447	Ref	Extend/Retract Cylinder	D
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70026830	1	Barrel	
2	70026831	1	Rod	
3	70026832	1	Guide, Rod	
4	70026833	1	Piston	
5	70023915	1	Screw	
6	70026834	1	Ring, Snap	
7	70026835	2	Pad, Wear	
8	70026836	4	Screw	
9	70026837	1	Holder, Wear Pad	
10	70026838	2	Screw	
11	70026839	1	Kit, Seal	
12	Kit	2	Bearing	
13	Kit	2	O-Ring	
14	Kit	1	Ring, Backup	
15	Kit	1	Seal, Rod	
16	Kit	1	Wiper	
17	Kit	2	Bearing	
18	Kit	1	Seal, Piston	
19	Kit	1	O-Ring	
20	Kit	1	Ring, Backup	
21	Kit	2	O-Ring	

FIGURE 9-5. COMPENSATION CYLINDER ASSEMBLY

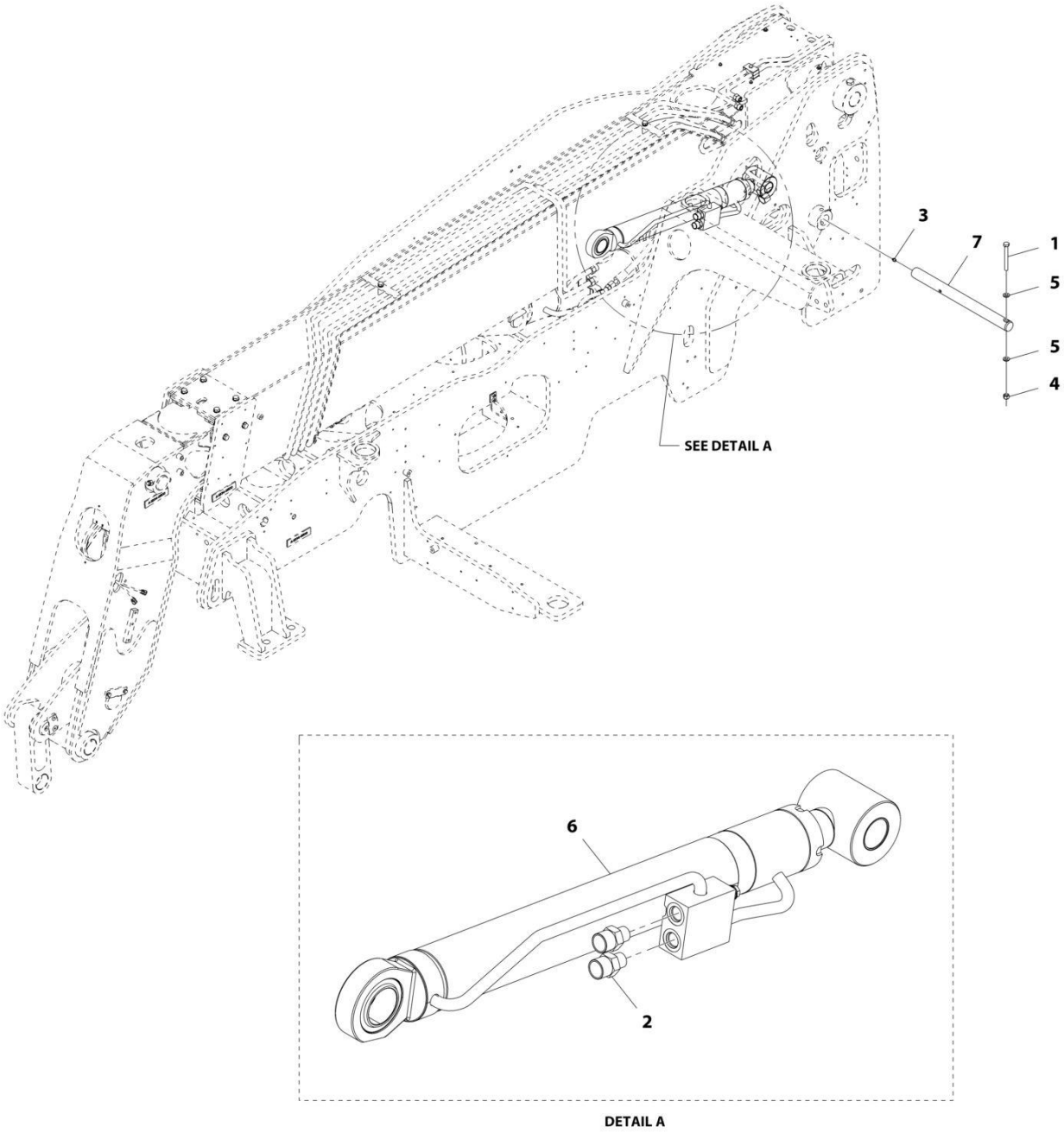


FIGURE 9-5. COMPENSATION CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174074	Ref	Compensation Cylinder Assembly	B
1	0761228	1	Bolt, M12X110	
2	2111008	2	Fitting, Straight ORFS	
3	2160016	1	Fitting, Grease	
4	3291205	1	Nut, Lock M12X1.75 Grade 8	
5	4812100	2	Washer, M12	
6	1001195801	1	Cylinder, Compensation (See Separate Breakdown in this Section)	
7	1001183436	1	Pin	

FIGURE 9-6. COMPENSATION CYLINDER

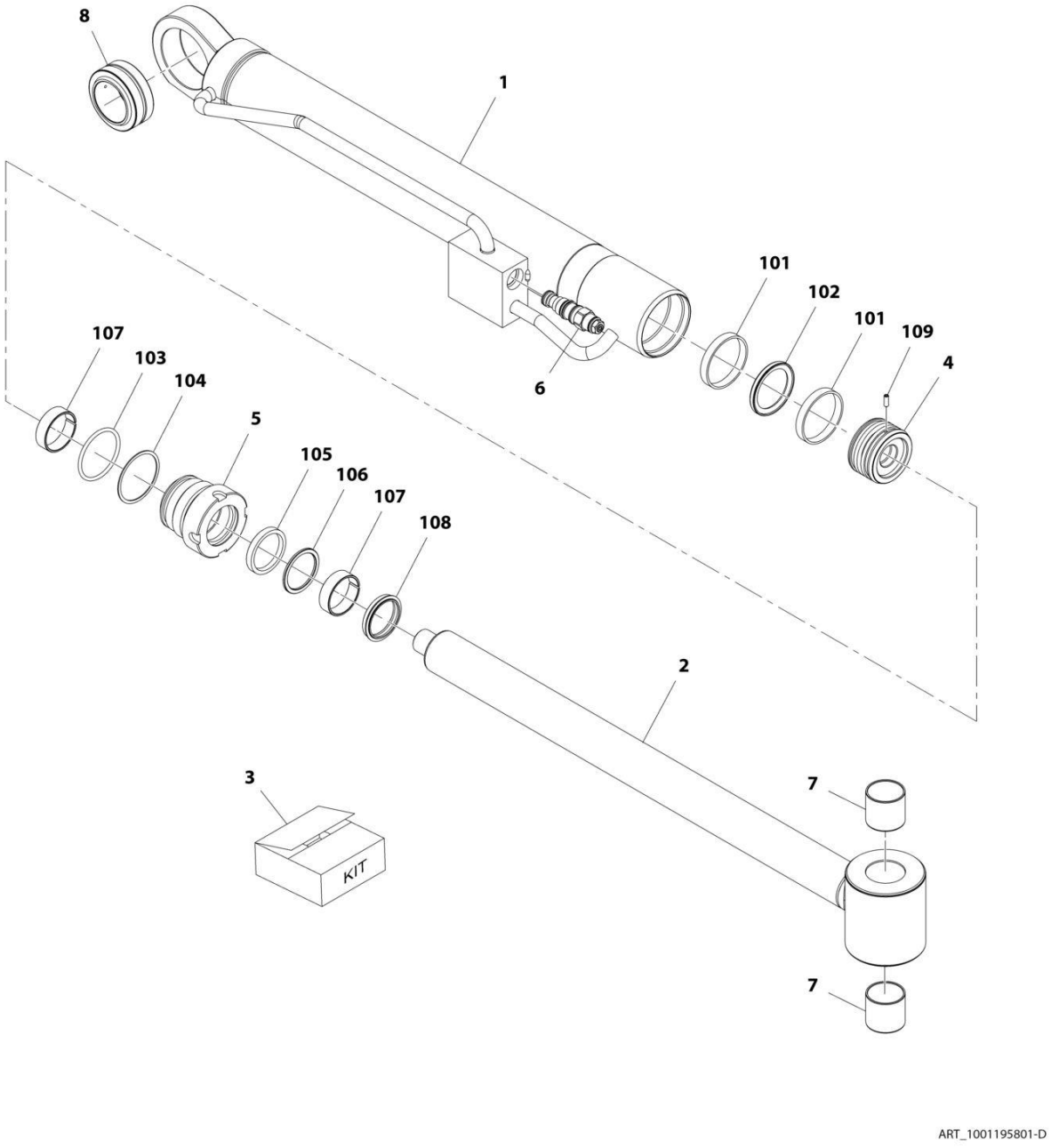
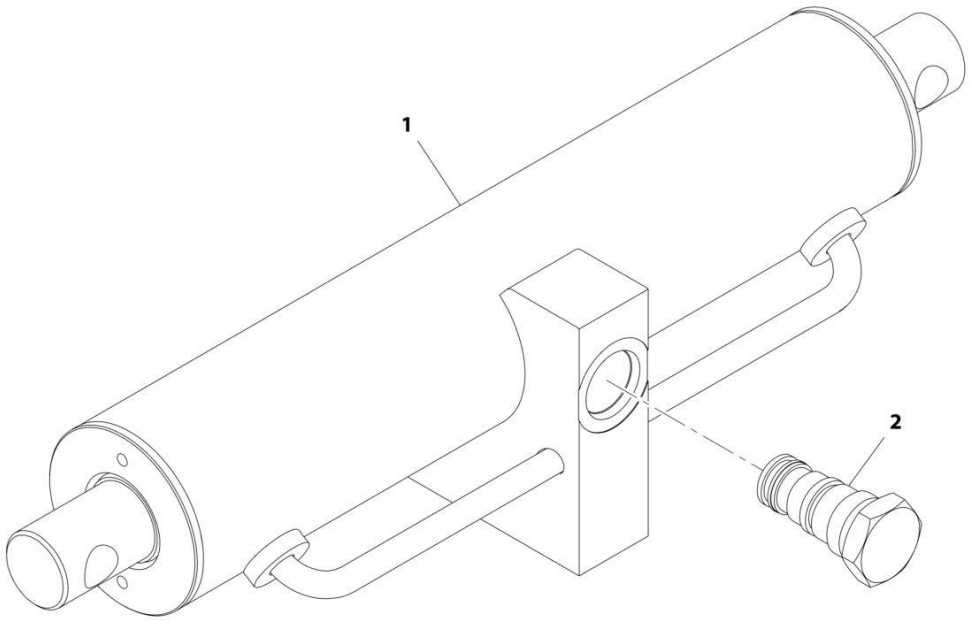


FIGURE 9-6. COMPENSATION CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195801	Ref	Compensation Cylinder	D
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70027229	1	Barrel	
2	70027230	1	Rod	
4	70027232	1	Piston	
5	70027233	1	Retainer	
6	1001164336	1	Valve, Counterbalance	
6	2900770	1	Seal Kit - 1001164336 Valve	
7	70027234	2	Bearing	
8	70027235	1	Bearing, Spherical	
3	70027231	1	Kit, Seal (includes items 101 thru 109)	
101	Kit	2	Ring, Wear	
102	Kit	1	Seal, Piston	
103	Kit	1	O-Ring	
104	Kit	1	Ring, Backup	
105	Kit	1	Seal, Rod	
106	Kit	1	Ring, Nylon	
107	Kit	2	Ring, Wear	
108	Kit	1	Wiper	
109	Kit	1	Screw	

FIGURE 9-7. COUPLER LOCKING CYLINDER ASSEMBLY



ART_1001114787-B

FIGURE 9-7. COUPLER LOCKING CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114787	Ref	COUPLER LOCKING CYLINDER ASSEMBLY	B
1	1001145390	1	Cylinder, Coupler Locking (See Separate Breakdown in this Section)	
2	1001145444	1	Valve, P.O. Check	

FIGURE 9-8. COUPLER LOCKING CYLINDER

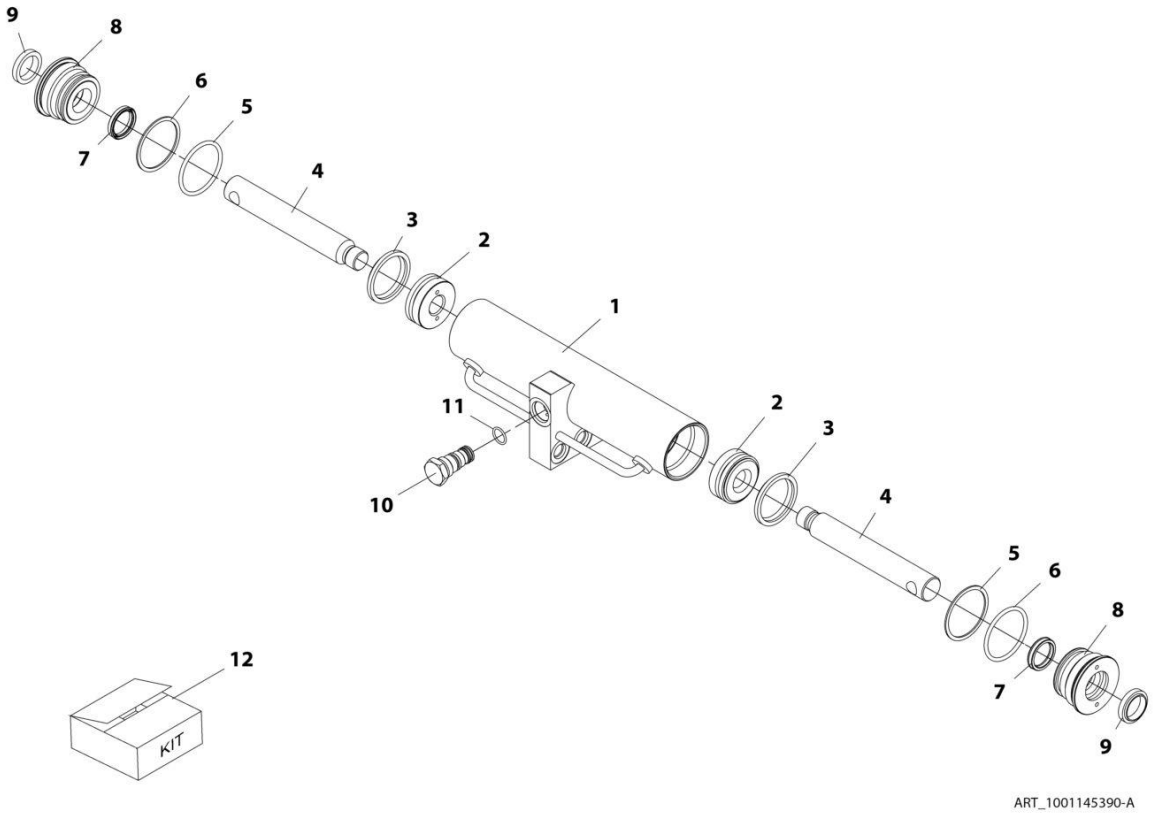


FIGURE 9-8. COUPLER LOCKING CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145390	Ref	Coupler Locking Cylinder	A
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70024164	2	Body	
2	70024165	2	Piston	
3	Kit	2	Seal, Piston	
4	70024166	2	Rod	
5	Kit	2	O-Ring	
6	Kit	2	Ring, Backup	
7	Kit	2	Seal, Rod	
8	70024167	2	Gland	
9	Kit	2	Seal, Wiper	
10	1001007056	1	Valve, Check	
11	91574001	1	Seal, Check Valve	
12	70024168	1	Kit, Seal (includes items 3, 5, 6, 7 & 9)	

FIGURE 9-9. SIDE TILT CYLINDER

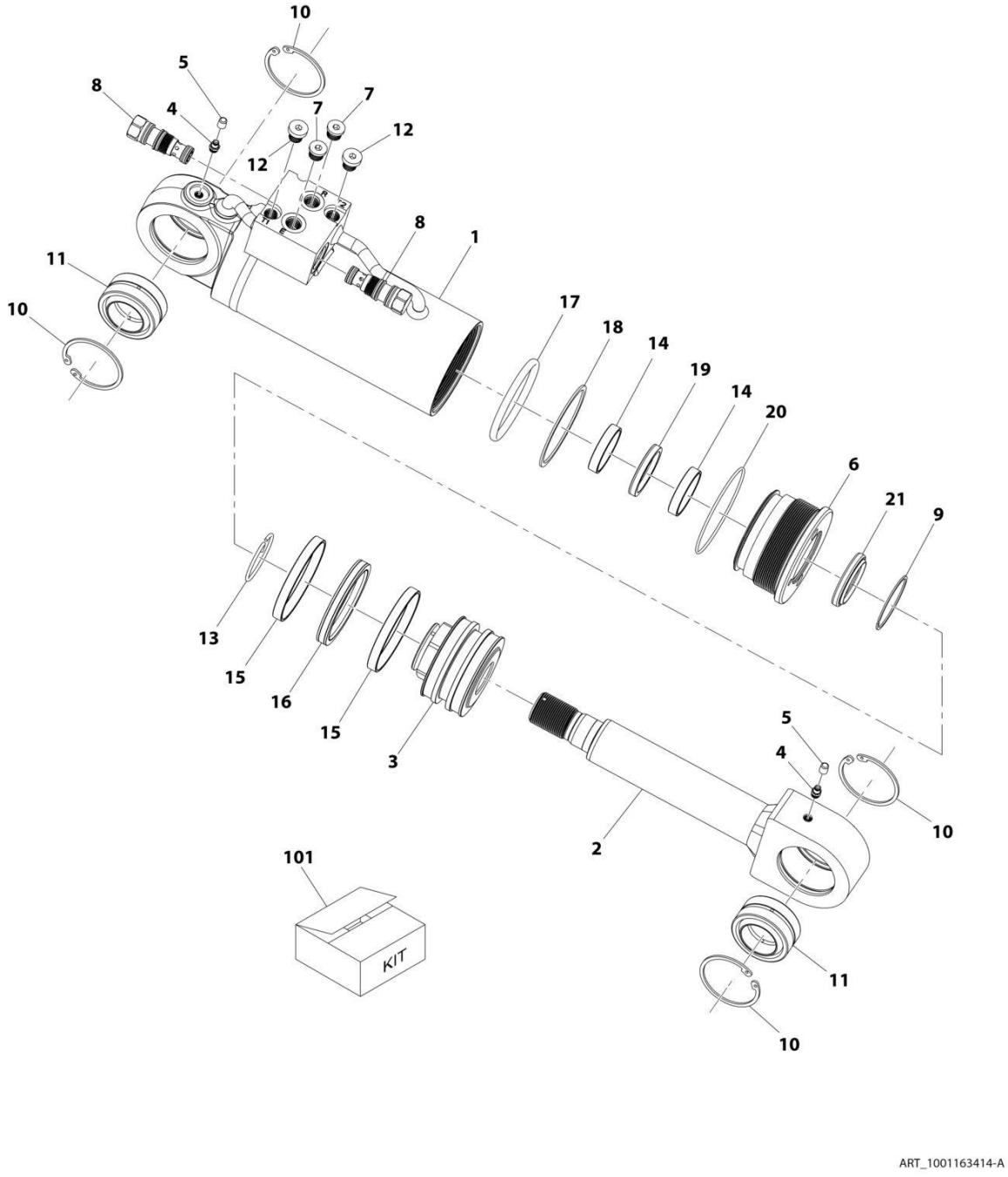


FIGURE 9-9. SIDE TILT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163414	Ref	Side Tilt Cylinder	A
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70026056	1	Barrel	
2	70026057	1	Rod	
3	70026058	1	Piston	
4	70025606	2	Nipple, Grease	
5	70024020	2	Fitting, Grease	
6	70003849	1	Head	
7	70025959	2	Plug	
8	70026059	2	Valve, Check	
9	70002219	1	Ring, Retaining	
10	70026060	4	Ring, Retaining	
11	70026061	2	Bearing	
12	70024262	2	Plug	
13	70002224	1	Ring, Lock	
14	Kit	NSS	Ring, Rod Bearing (Note: Use Item 101)	
15	Kit	NSS	Ring, Piston Bearing (Note: Use Item 101)	
16	Kit	NSS	Seal, Piston (Note: Use Item 101)	
17	Kit	NSS	O-Ring (Note: Use Item 101)	
18	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
19	Kit	NSS	Seal, Rod (Note: Use Item 101)	
20	Kit	NSS	O-Ring (Note: Use Item 101)	
21	Kit	NSS	Seal, Wiper (Note: Use Item 101)	
101	70026062	1	Kit, Seal (includes items 14 thru 21)	

FIGURE 9-10. SIDE SHIFT CARRIAGE CYLINDER

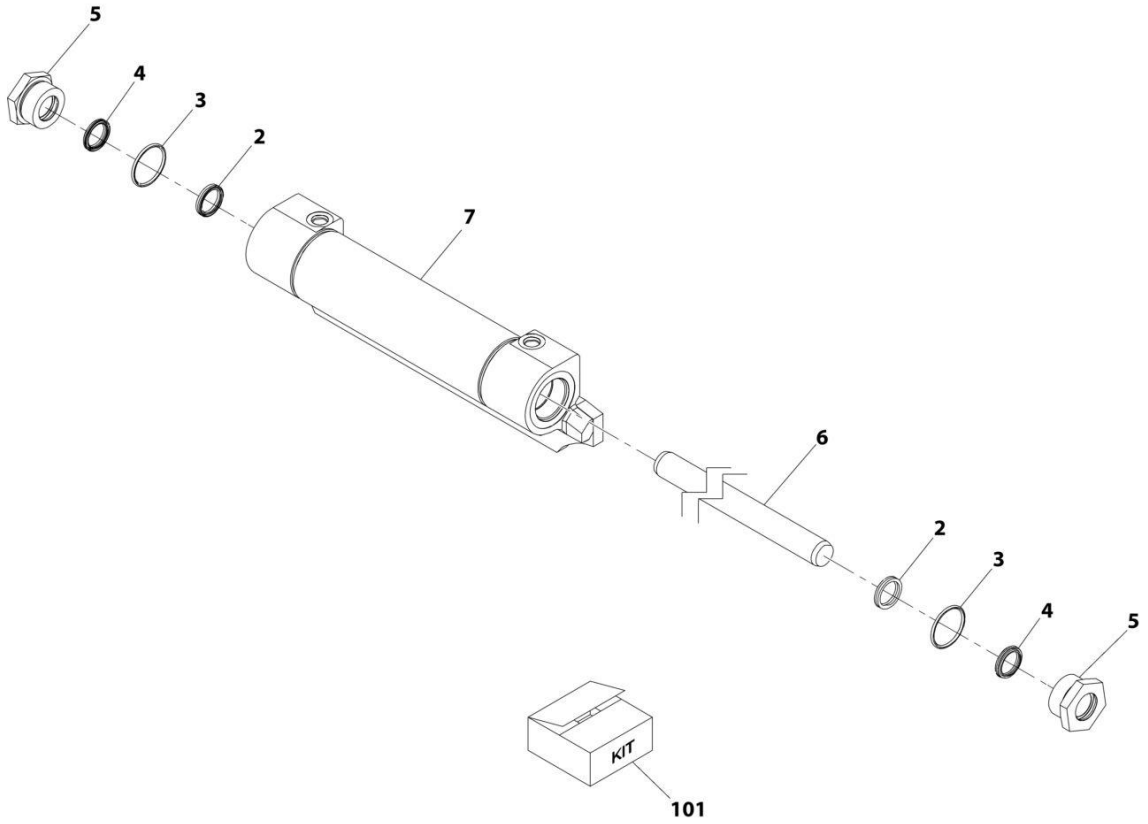


FIGURE 9-10. SIDE SHIFT CARRIAGE CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70024539	Ref	Side Shift Carriage Cylinder	B
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
2	Kit	NSS	Seal, Rod (Note: Use Item 101)	
3	70024547	2	O-Ring	
4	Kit	NSS	Seal, Rod Wiper (Note: Use Item 101)	
5	70024548	2	Seal, Retainer	
6	N.S.S.	NSS	Rod (Note: Use PN 70024539)	
7	N.S.S.	NSS	Barrel (Note: Use PN 70024539)	
101	70024549	1	Kit, Seal (includes items 2 & 4)	

FIGURE 9-11. SIDE TILT CARRIAGE CYLINDER

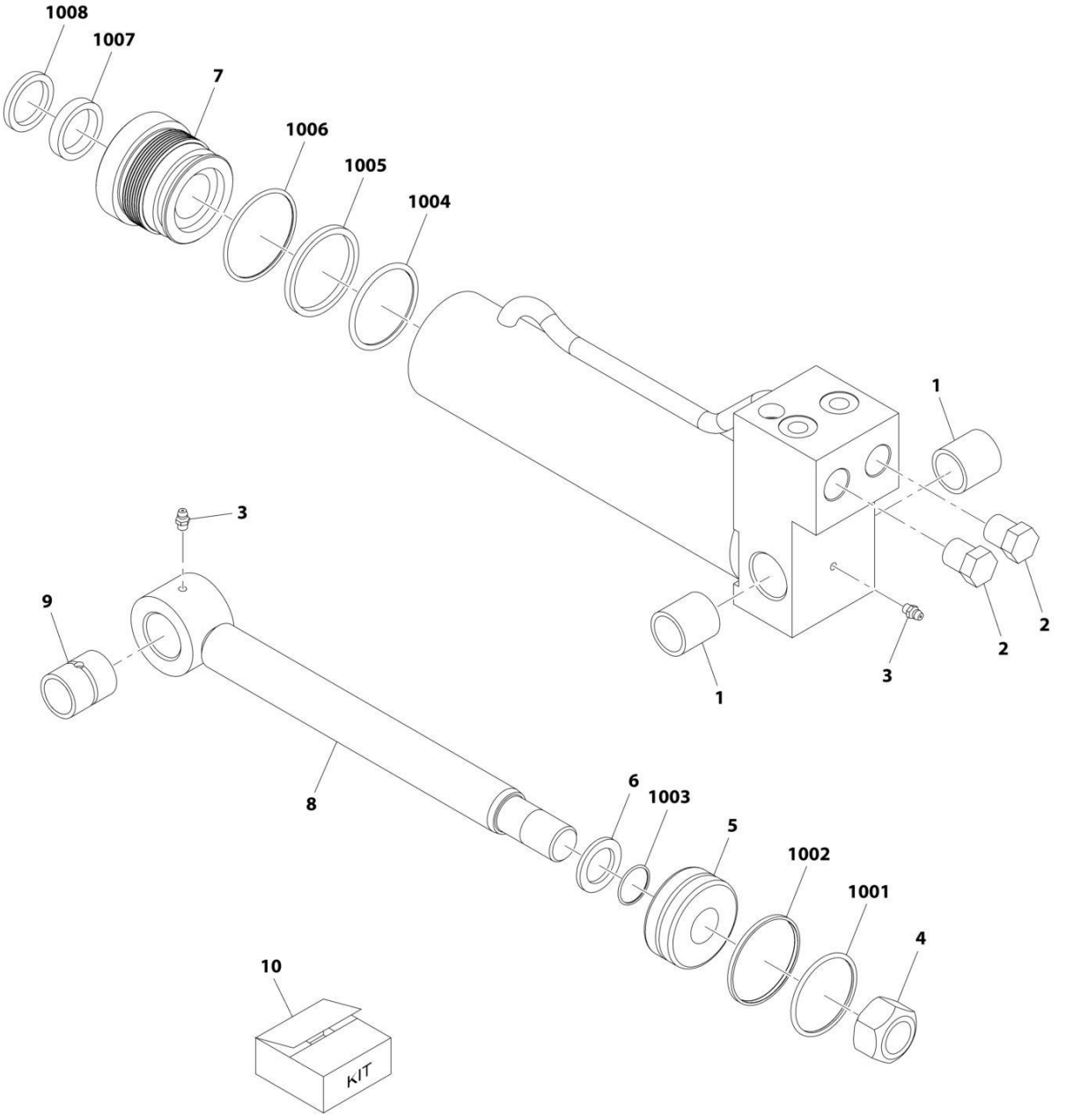


FIGURE 9-11. SIDE TILT CARRIAGE CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021363	Ref	Side Tilt Carriage Cylinder	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70021448	2	Bushing	
2	70021464	2	Valve Cartridge	
3	90554045	2	Grease Fitting	
4	70021440	1	Nut	
5	70021451	1	Piston	
6	70021444	1	Washer	
7	70021446	1	Gland	
8	70029441	1	Rod	
9	70021447	1	Bushing	
10	70021452	1	Seal Kit, (includes items 1001 thru 1008)	
1001	Kit	1	Piston Ring	
1002	Kit	1	O-Ring	
1003	Kit	1	O-Ring	
1004	Kit	1	O-Ring	
1005	Kit	1	Back-Up Ring	
1006	Kit	1	O-Ring	
1007	Kit	1	Polypak,Type B	
1008	Kit	1	Rod Wiper	

FIGURE 9-12. FORK POSITIONING CYLINDER

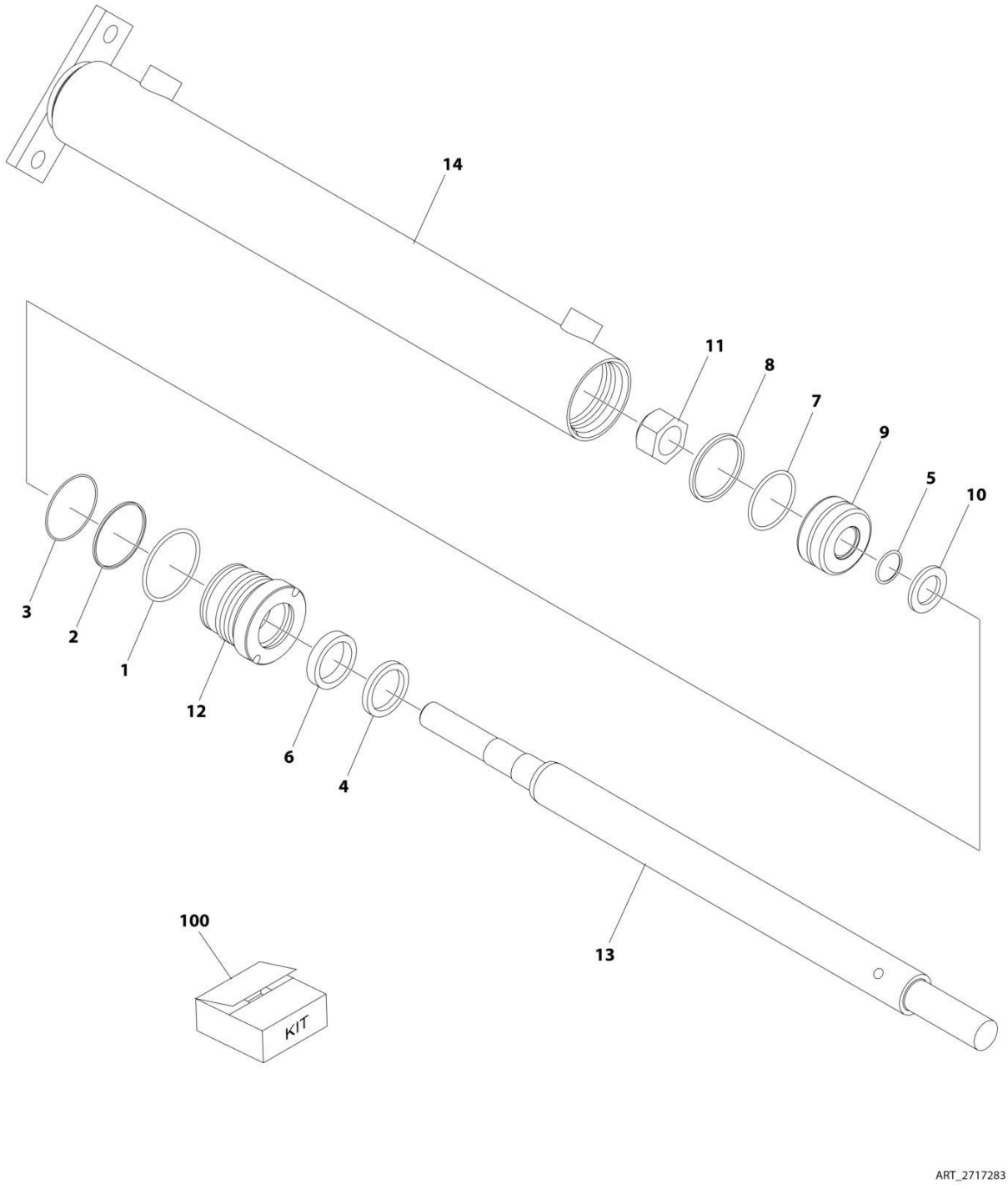


FIGURE 9-12. FORK POSITIONING CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2717283	Ref	FORK POSITIONING CYLINDER	B
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	See Note	NSS	O-Ring (Use Item 100)	
2	See Note	NSS	Ring, Back-up (Use Item 100)	
3	See Note	NSS	O-Ring (Use Item 100)	
4	See Note	NSS	Seal (Use Item 100)	
5	See Note	NSS	O-Ring (Use Item 100)	
6	See Note	NSS	Seal (Use Item 100)	
7	See Note	NSS	O-Ring (Use Item 100)	
8	See Note	NSS	Seal (Use Item 100)	
9	70026771	1	Piston	
10	70026775	1	Washer	
11	70026770	1	Nut	
12	70026774	1	Head	
13	70026773	1	Rod	
14	See Note	NSS	Barrel (Note: Use PN 2717283)	
100	8036733	1	Seal Kit (includes items 1 thru 8)	

FIGURE 9-13. MAIN CONTROL VALVE

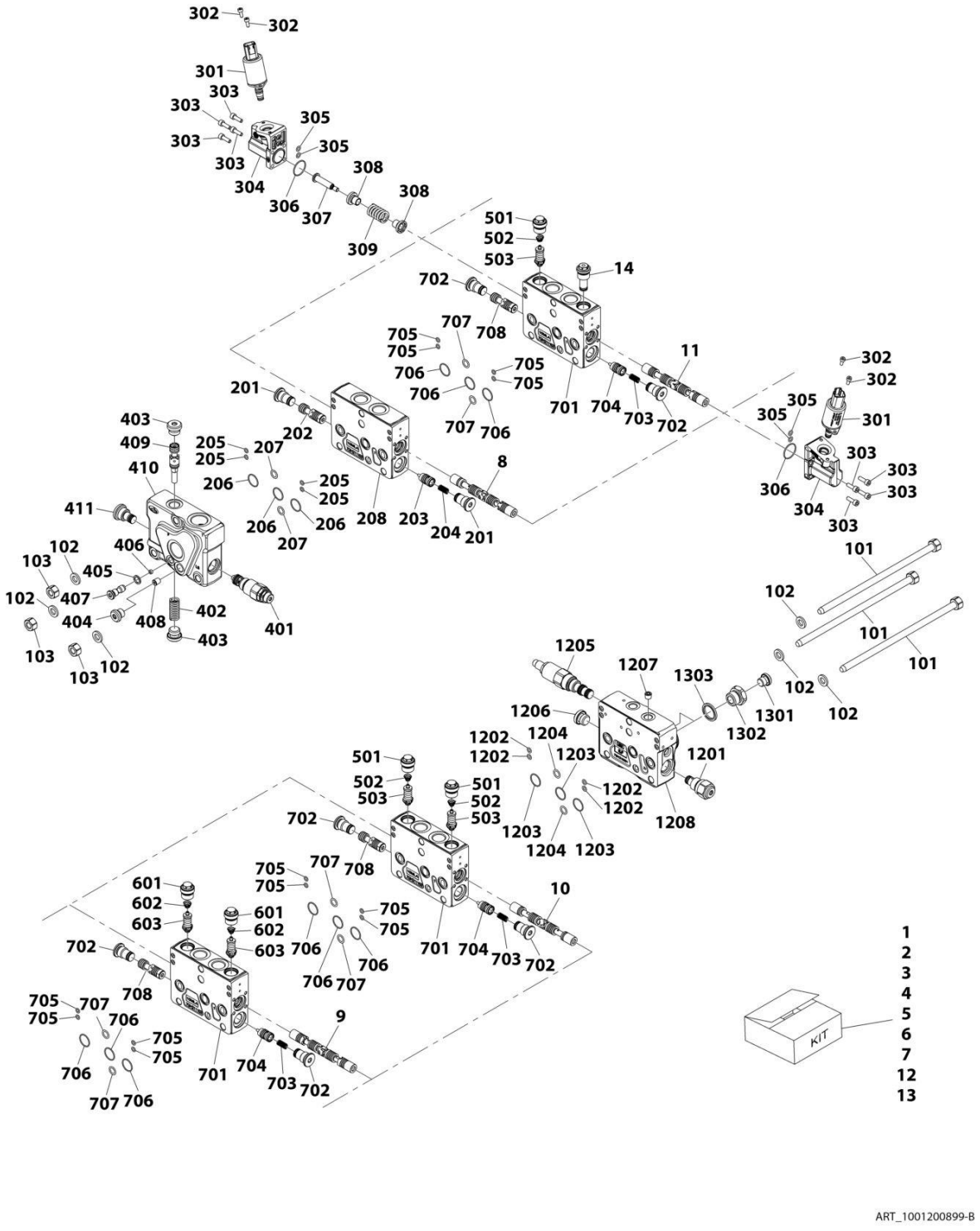


FIGURE 9-13. MAIN CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200899	Ref	Main Control Valve	B
1	70025840	1	Kit, Tie Rod (includes items 101 thru 103)	
2	70025826	1	Kit, Section, Without Port Relief Cavity (includes items 201 thru 208)	
3	70025827	4	Kit, Electro-Hydraulic (includes items 301 thru 309)	
4	70025829	1	Kit, Main Relief Valve (includes items 401 thru 411)	
5	70025830	1	Kit, Port Relief (includes items 501 thru 503)	
6	70025831	1	Kit, Port Relief (includes items 601 thru 603)	
7	70025832	3	Kit, Section, With Port Relief Cavity (includes items 701 thru 708)	
8	70025833	1	Spool, Lift	
9	70025835	1	Spool, Tilt	
10	70025838	1	Spool, Aux	
11	70027272	1	Spool, Tele	
12	70027273	1	Kit, Bleed Valve (includes items 1201 thru 1208)	
13	70025839	1	Kit, Pressure Gauge Connection (includes items 1301 thru 1303)	
14	70025837	1	Plug	
101	Kit	3	Rod, Tie	
102	Kit	6	Washer, Elastic	
103	Kit	3	Nut	
201	Kit	2	Plug, Compensator	
202	Kit	1	Spool, Compensator	
203	Kit	1	Spool, Selector	
204	Kit	1	Spring	
205	Kit	4	O-Ring	
206	Kit	3	O-Ring	
207	Kit	2	O-Ring	
208	Kit	1	Section, Working	
301	70025828	1	Valve, Solenoid	
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	Restriction	
407	Kit	1	Plug	
408	Kit	1	Plug	
409	Kit	1	Spool, Compensator	
410	Kit	1	Section, Inlet	
411	Kit	1	Plug	
501	Kit	1	Plug	
502	Kit	1	Spring	
503	Kit	1	Valve	

SECTION 9 - HYDRAULIC COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
601	Kit	1	Plug	
602	Kit	1	Spring	
603	Kit	1	Valve	
701	Kit	1	Section, Working	
702	Kit	2	Plug, Compensator	
703	Kit	1	Spring	
704	Kit	1	Spool, Selector	
705	Kit	4	O-Ring	
706	Kit	3	O-Ring	
707	Kit	2	O-Ring	
708	Kit	1	Spool, Compensator	
1201	Kit	1	Regulator, Flow	
1202	Kit	4	O-Ring	
1203	Kit	3	O-Ring	
1204	Kit	2	O-Ring	
1205	Kit	1	Valve	
1206	Kit	1	Plug	
1207	Kit	1	Plug	
1208	Kit	1	Cover, Outlet	
1301	Kit	1	Plug	
1302	Kit	1	Joint	
1303	Kit	1	Washer	

FIGURE 9-14. IMPLEMENT PUMP

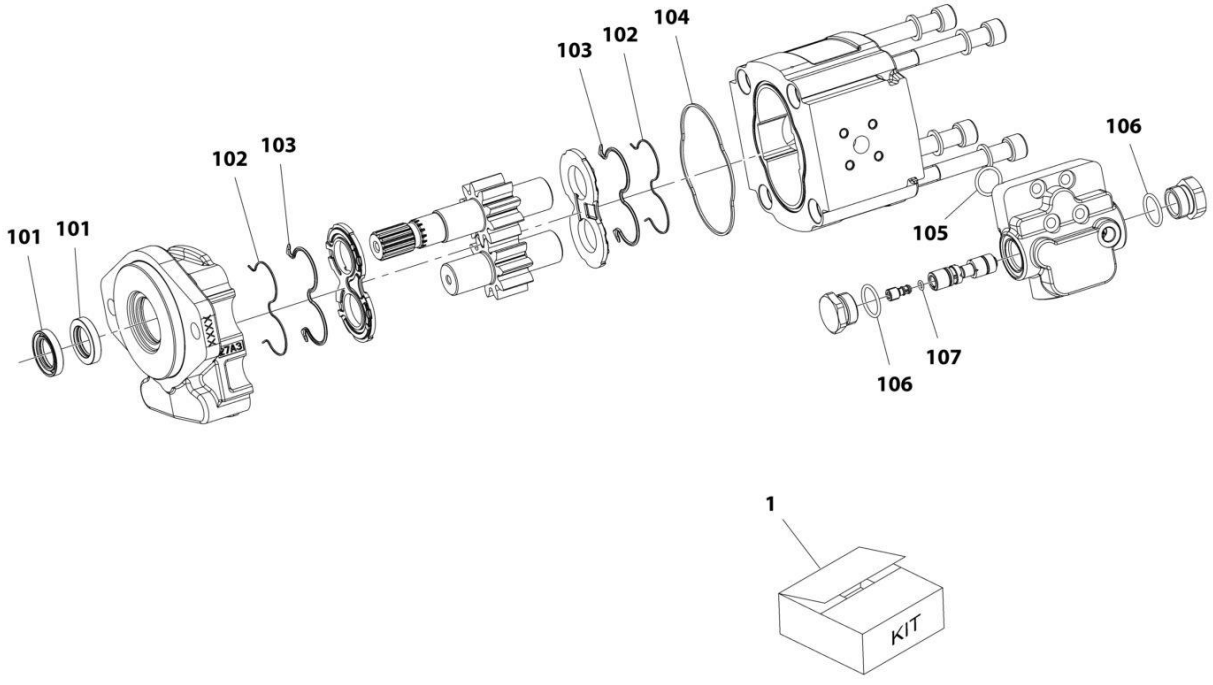


FIGURE 9-14. IMPLEMENT PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175838	Ref	Implement Pump	C
1	70027039	1	Kit, Seal	
101	Kit	2	Seal, Shaft	
102	Kit	2	Ring, Antiextrusion	
103	Kit	2	Seal	
104	Kit	1	Seal	
105	Kit	1	O-Ring	
106	Kit	2	O-Ring	
107	Kit	1	O-Ring	

FIGURE 9-15. HYDROSTATIC PUMP

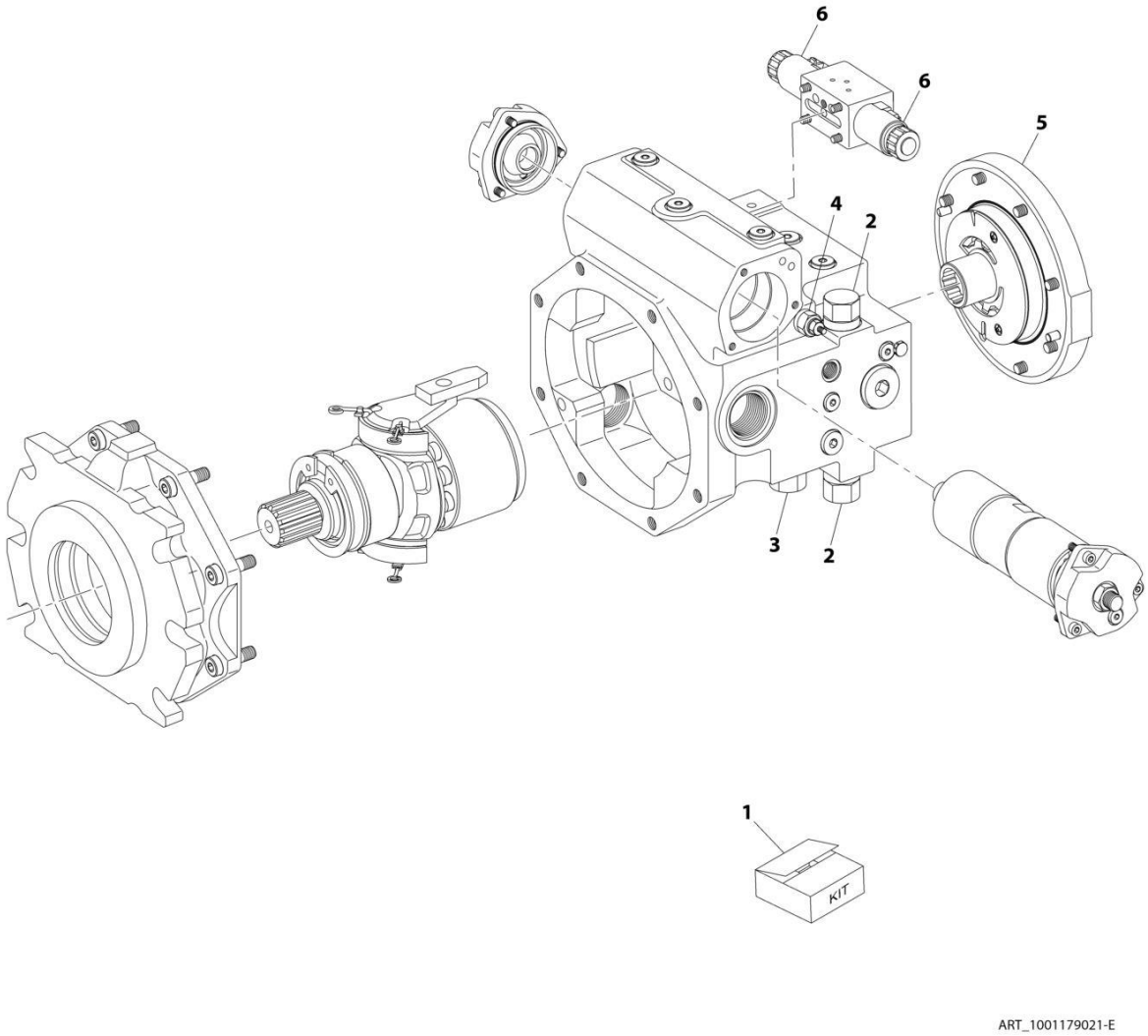
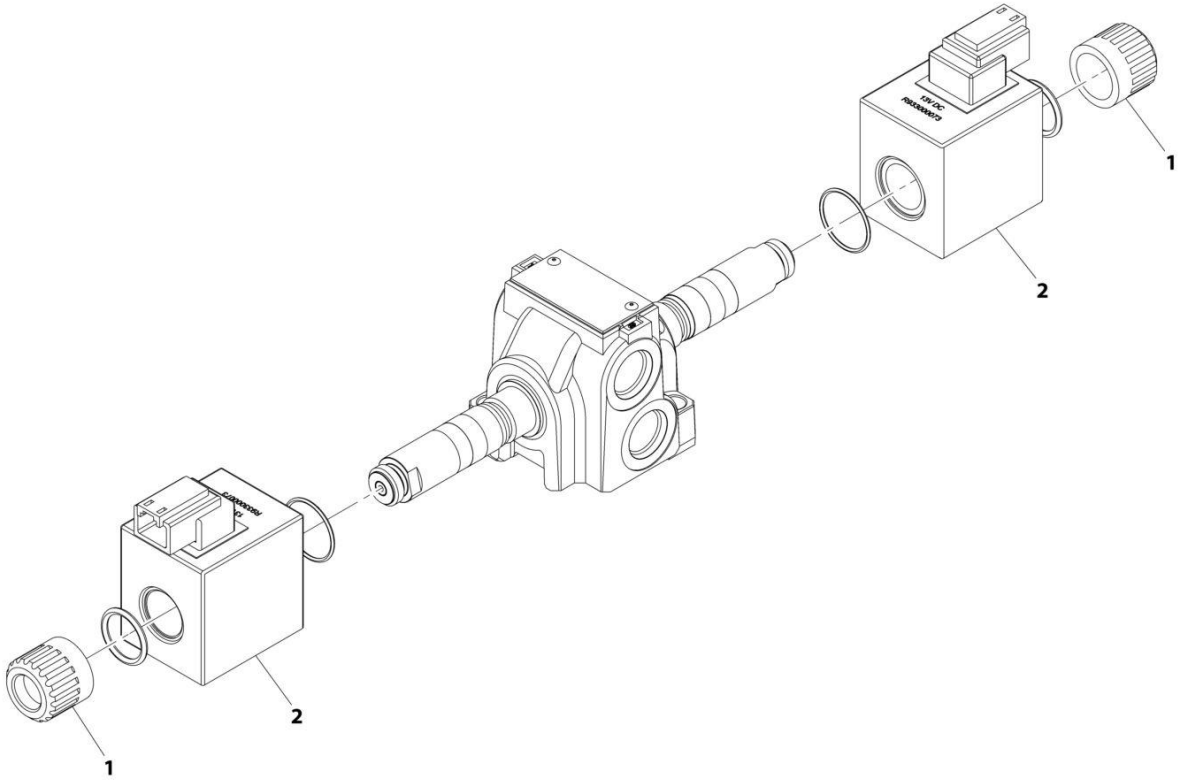


FIGURE 9-15. HYDROSTATIC PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179021	1	Hydrostatic Pump	E
1	70027597	1	Kit, Seal	
2	70024945	2	Valve, Pressure Relief	
3	70024946	1	Valve, Relief	
4	70027598	1	Valve, Pressure Override	
5	70027599	1	Pump, Charge	
6	70003170	2	Coil, Solenoid	

FIGURE 9-16. STEERING SELECT VALVE



ART_1001153748-C

FIGURE 9-16. STEERING SELECT VALVE

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

FIGURE 9-17. TRAILER BRAKE VALVE (CE)

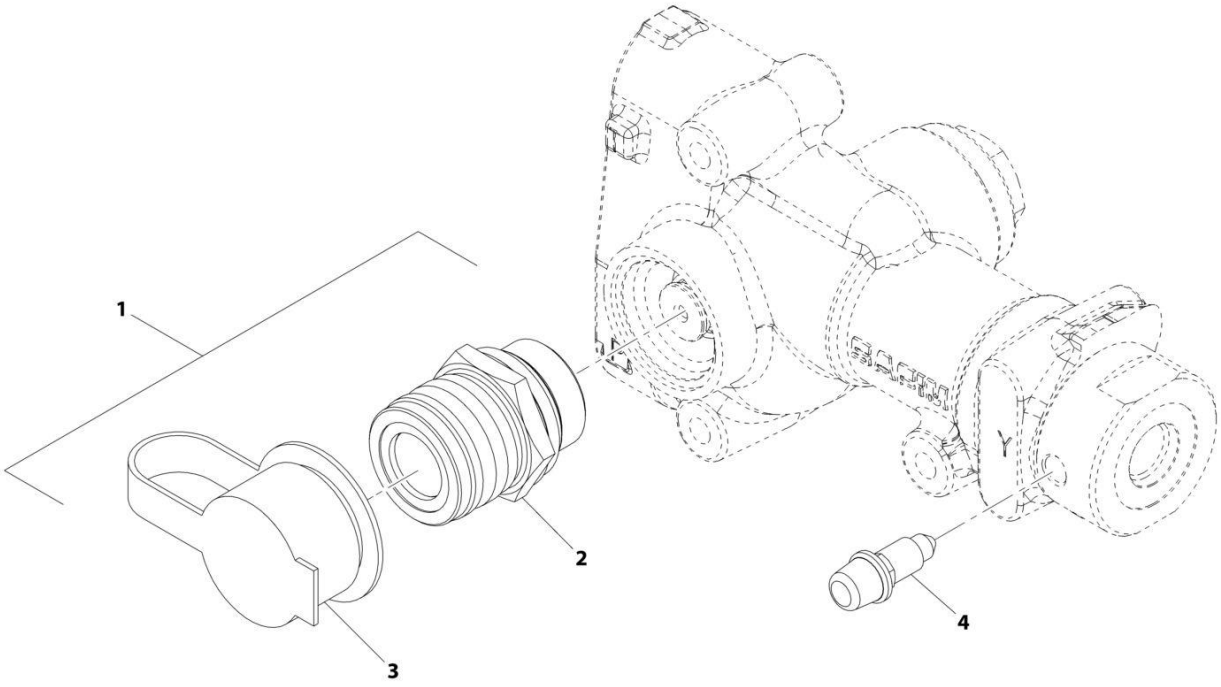


FIGURE 9-17. TRAILER BRAKE VALVE (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212384	Ref	Trailer Brake Valve	A
1	70024401	1	Assembly, Coupling (includes items 2 & 3)	
2	N.S.S.	1	Coupling	
3	70024399	1	Cap	
4	70024400	1	Screw, Bleeding	

FIGURE 9-18. RIDE CONTROL VALVE

INFORMATION IS NOT AVAILABLE AT THE TIME OF PUBLICATION

FIGURE 9-18. RIDE CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217378	Ref	Ride Control Valve	B

FIGURE 9-19. SPEED CONTROL VALVE

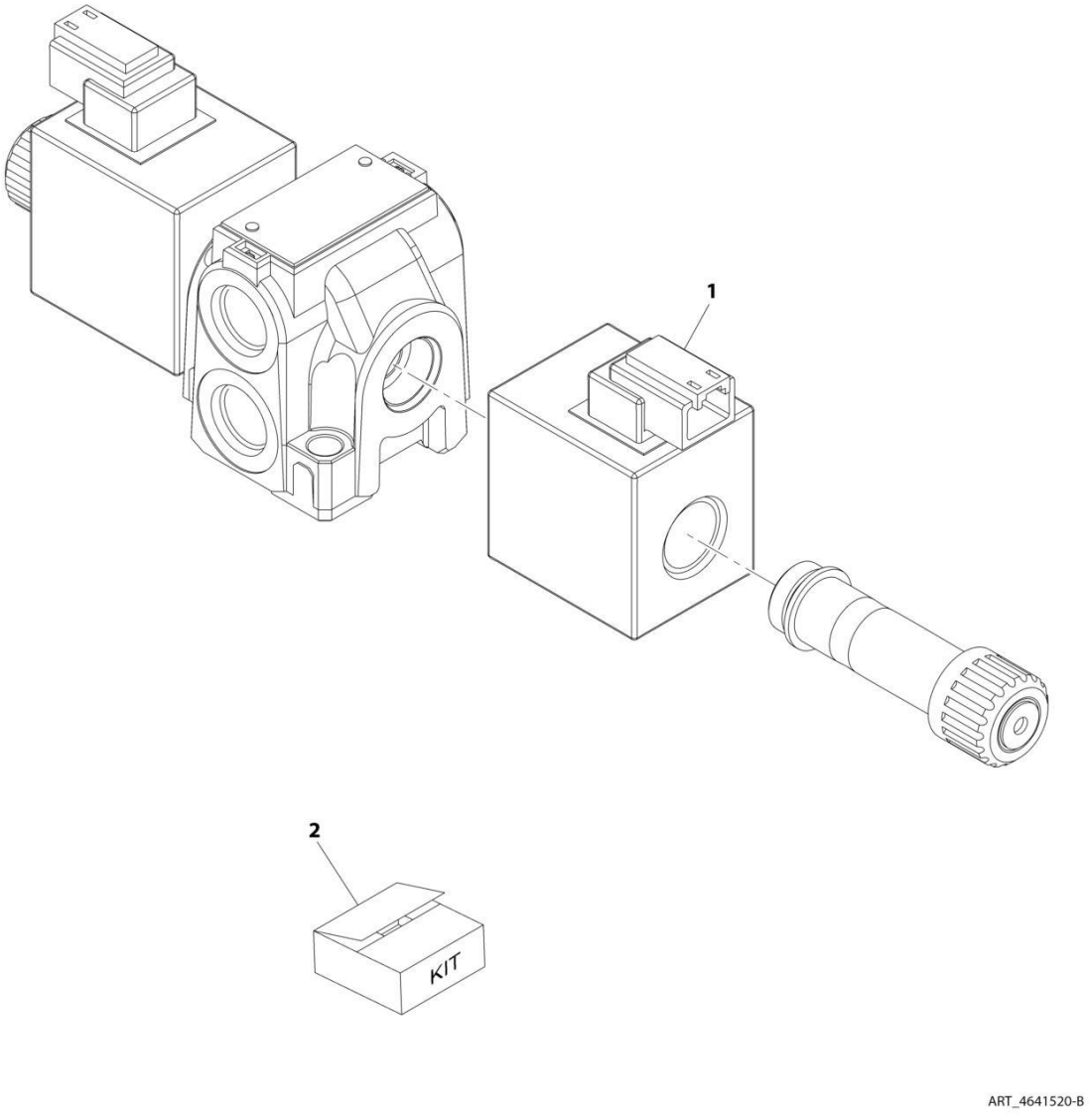


FIGURE 9-19. SPEED CONTROL VALVE

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

FIGURE 9-20. DIVERTOR VALVE

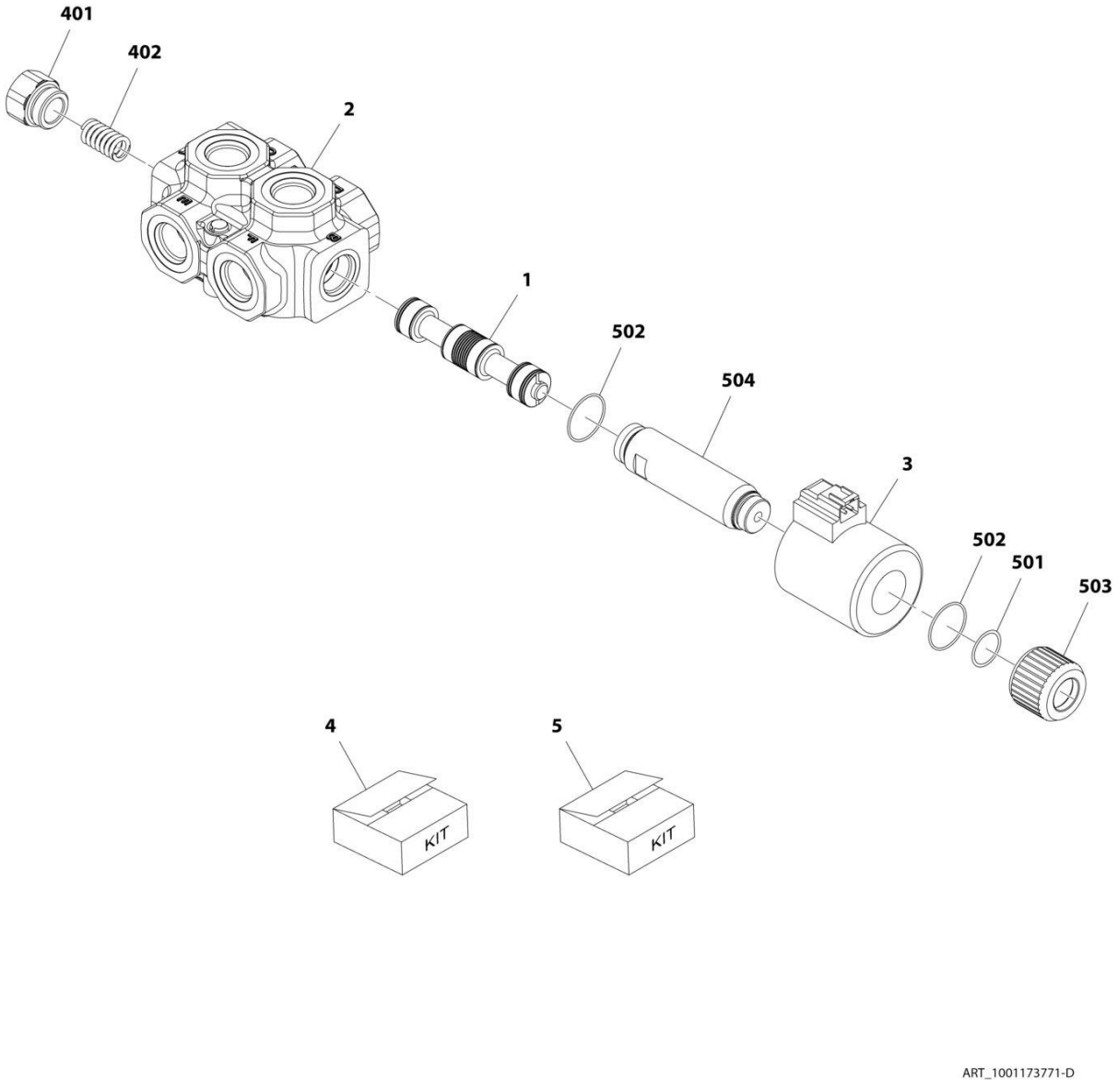


FIGURE 9-20. DIVERTOR VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173771	Ref	Divertor Valve	D
1	70027267	1	Spool, Divertor	
2	70027268	1	Body, Divertor	
3	70027269	1	Coil	
4	70027270	1	Kit, Drain Plug	
401	Kit	1	Plug	
402	Kit	1	Spring	
5	70027271	1	Kit, Tube	
501	Kit	1	O-Ring	
502	Kit	2	O-Ring	
503	Kit	1	Plug	
504	Kit	1	Tube	

FIGURE 9-21. DIVERTOR VALVE

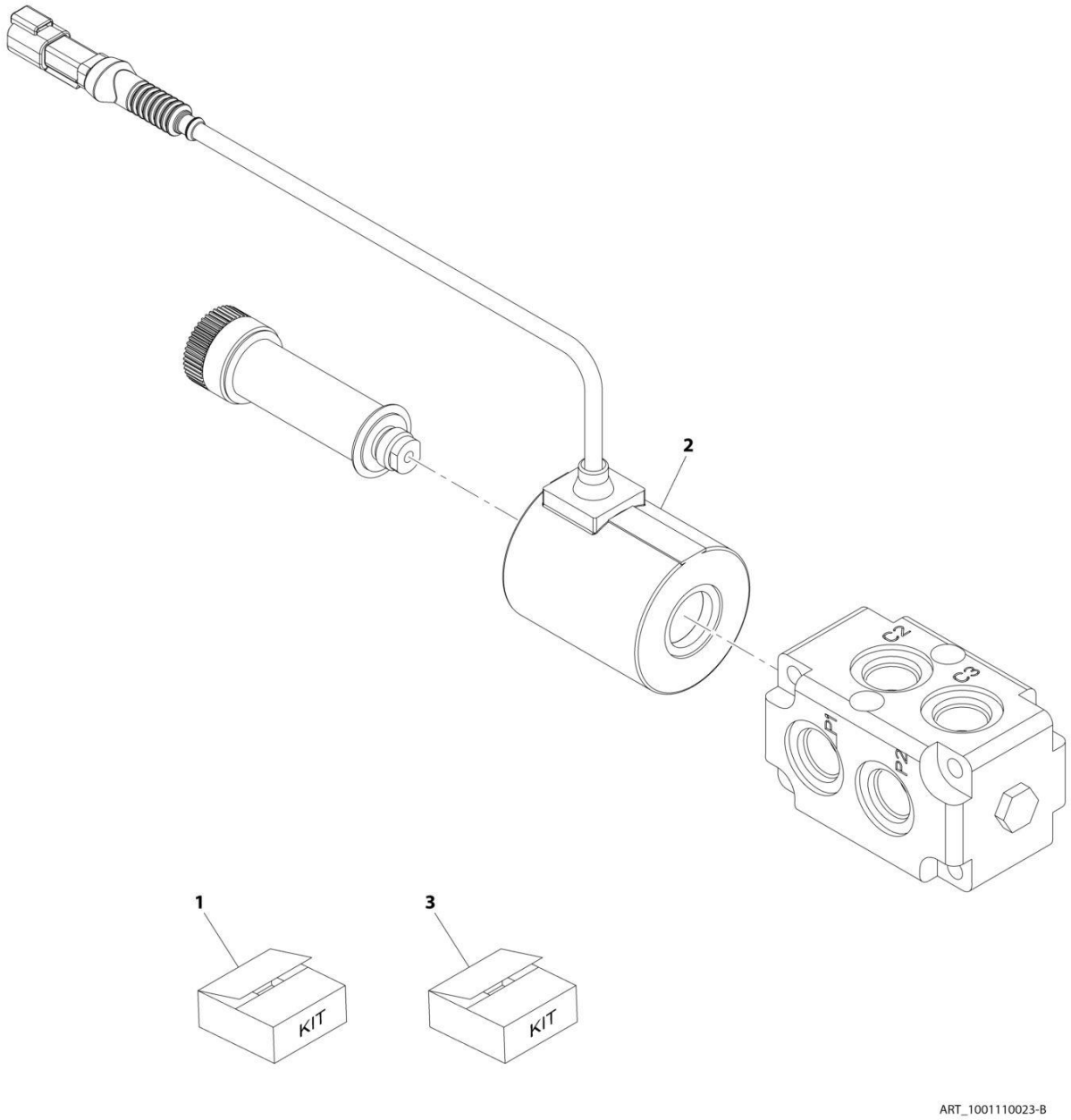


FIGURE 9-21. DIVERTOR VALVE

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

FIGURE 9-22. DIVERTOR VALVE

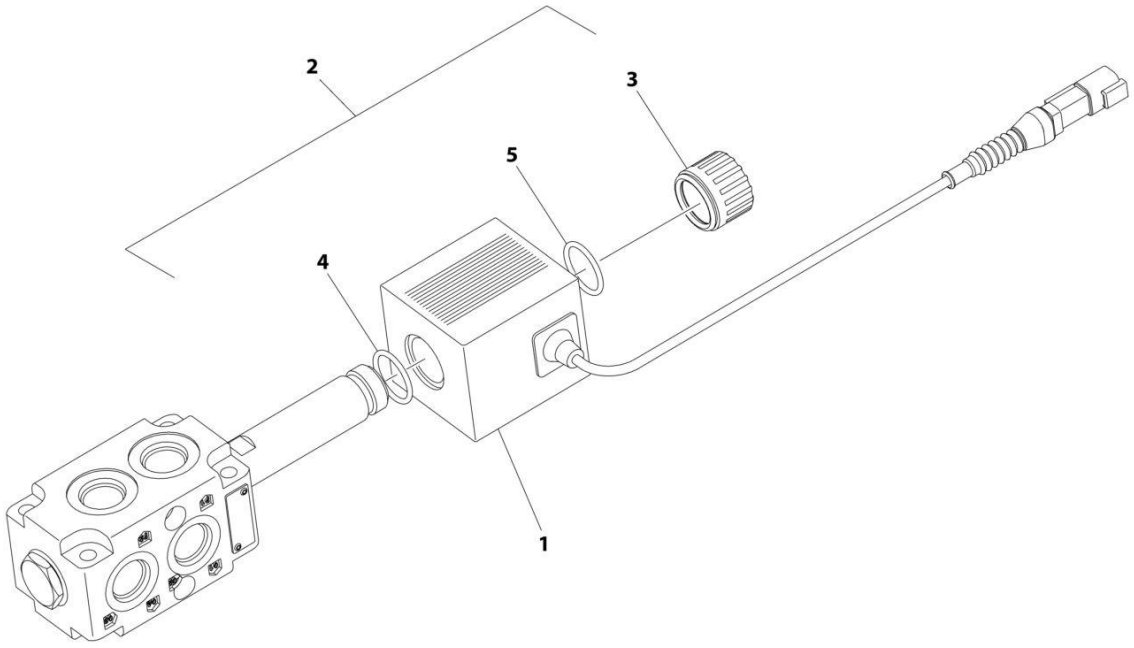


FIGURE 9-22. DIVERTOR VALVE

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

FIGURE 9-23. DIVERTOR VALVE

INFORMATION IS NOT AVAILABLE AT THE TIME OF PUBLICATION

FIGURE 9-23. DIVERTOR VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214843	Ref	Divertor Valve	A

FIGURE 9-24. FLOW DIVIDER VALVE

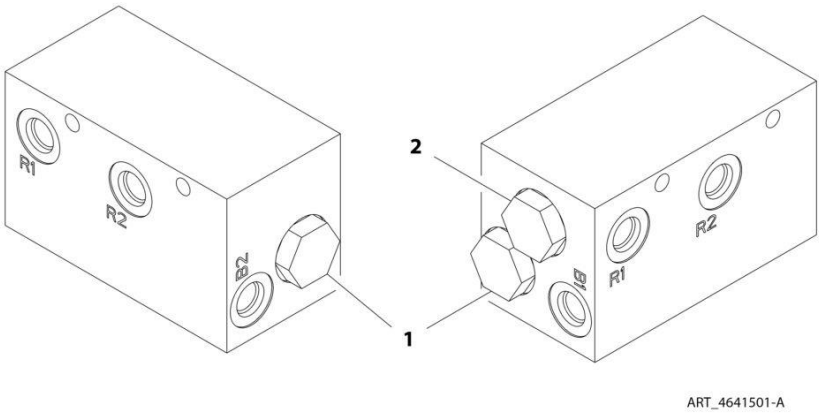


FIGURE 9-24. FLOW DIVIDER VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641501	Ref	Flow Divider Valve	A
1	70023928	2	Valve, Check	
2	70023929	1	Valve, Cartridge	

FIGURE 9-25. HYDRAULIC HITCH CONTROL VALVE (Prior to SN 1160008583)

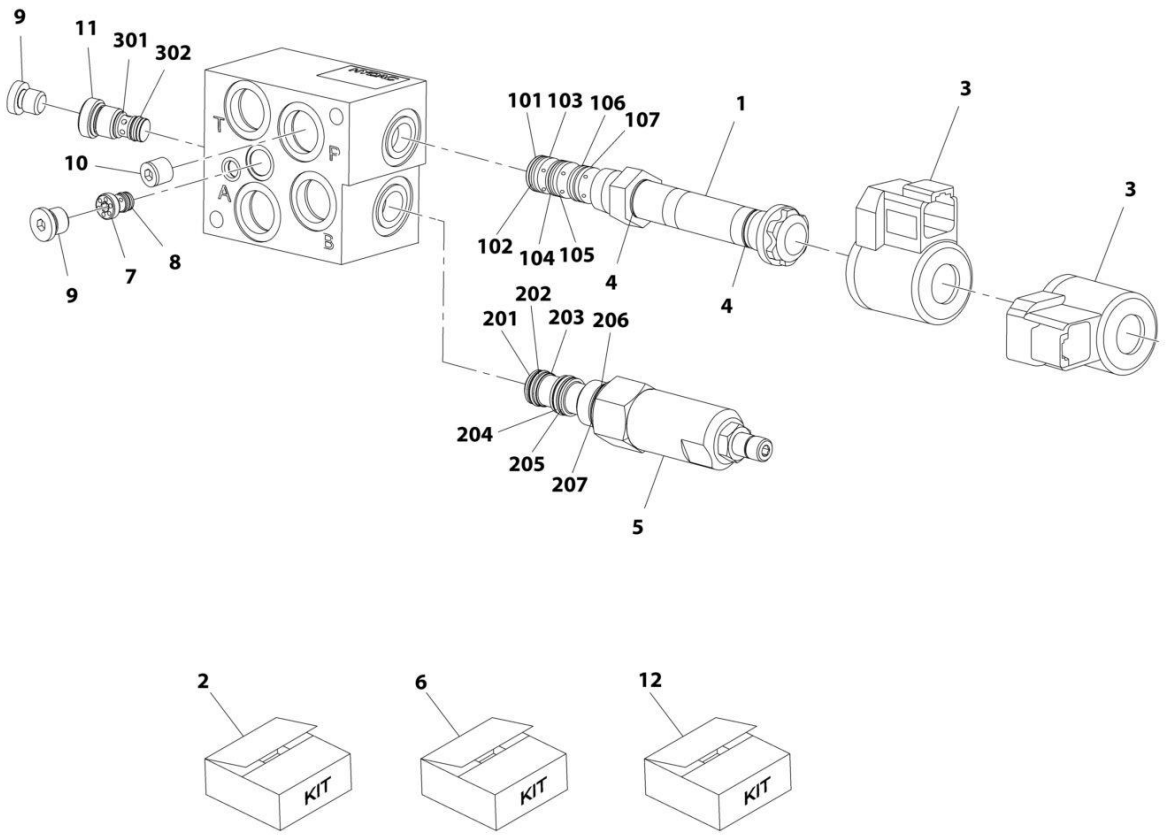


FIGURE 9-25. HYDRAULIC HITCH CONTROL VALVE (Prior to SN 1160008583)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173770	Ref	Hydraulic Hitch Control Valve	F
1	70026965	1	Valve	
2	70026966	1	Kit, Seal (includes items 101 thru 107)	
3	70026967	2	Coil	
4	70026968	1	Nut	
5	70026969	1	Valve	
6	70026970	1	Kit, Seal (includes items 201 thru 207)	
7	70026971	1	Valve	
8	70026972	1	Seal	
9	70026973	2	Plug	
10	70026974	1	Orifice	
11	70026975	1	Valve	
12	70026976	1	Kit, Seal (includes items 301 & 302)	
101	Kit	1	O-Ring	
102	Kit	1	O-Ring	
103	Kit	2	Ring, Support	
104	Kit	1	O-Ring	
105	Kit	2	Ring, Support	
106	Kit	1	O-Ring	
107	Kit	2	Ring, Support	
201	Kit	1	O-Ring	
202	Kit	1	O-Ring	
203	Kit	2	Ring, Support	
204	Kit	1	O-Ring	
205	Kit	2	Ring, Support	
206	Kit	1	O-Ring	
207	Kit	2	Ring, Support	
301	Kit	1	O-Ring	
302	Kit	1	O-Ring	

FIGURE 9-26. HYDRAULIC HITCH CONTROL VALVE (SN 1160008583 to Present)

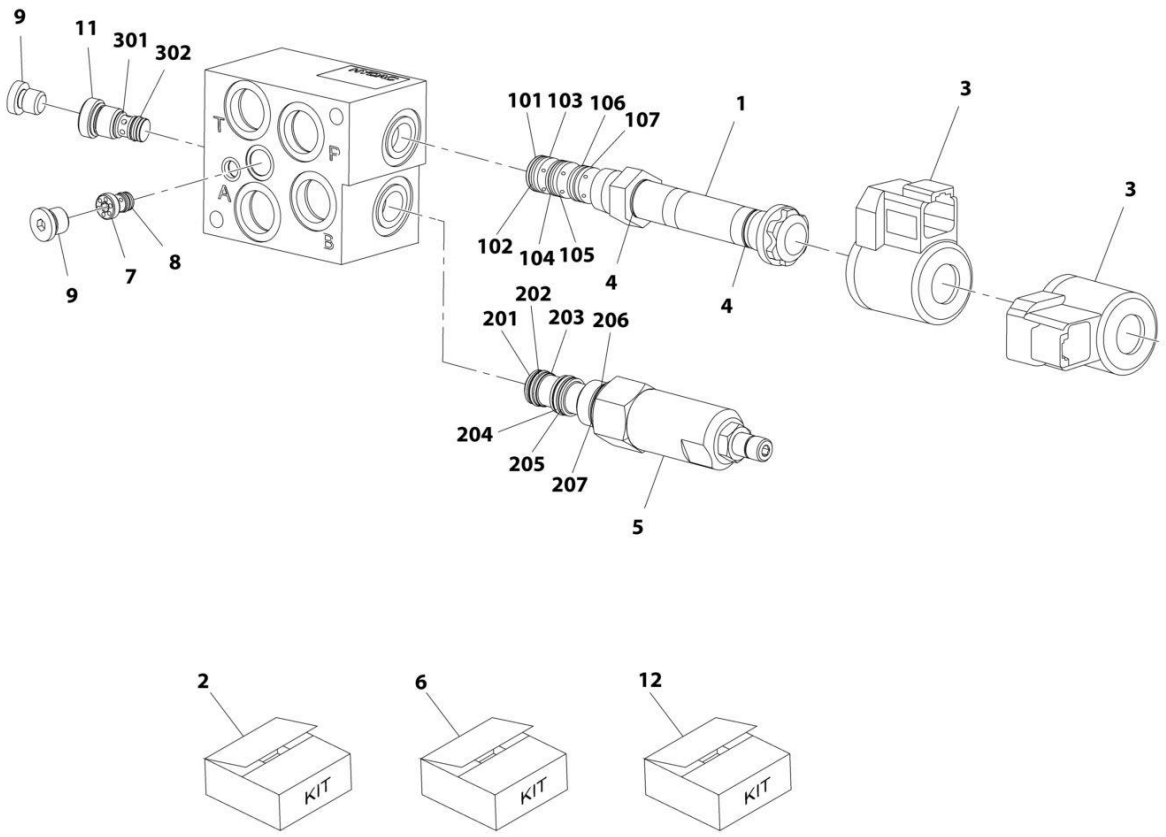


FIGURE 9-26. HYDRAULIC HITCH CONTROL VALVE (SN 1160008583 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226722	Ref	Hydraulic Hitch Control Valve	B
1	70026965	1	Valve	
2	70026966	1	Kit, Seal	
101	Kit	1	O-Ring	
102	Kit	1	O-Ring	
103	Kit	2	Support Ring	
104	Kit	1	O-Ring	
105	Kit	2	Support Ring	
106	Kit	1	O-Ring	
107	Kit	2	Support Ring	
3	70026967	2	Coil	
4	70026968	1	Nut	
5	70026969	1	Valve	
6	70026970	1	Kit, Seal	
201	Kit	1	O-Ring	
202	Kit	1	O-Ring	
203	Kit	2	Support Ring	
204	Kit	1	O-Ring	
205	Kit	2	Support Ring	
206	Kit	1	O-Ring	
207	Kit	2	Support Ring	
7	70026971	1	Valve	
8	70026972	1	Seal	
9	70026973	2	Plug	
11	70026975	1	Valve	
12	70026976	1	Kit, Seal	
301	Kit	1	O-Ring	
302	Kit	1	O-Ring	

FIGURE 9-27. HYDRAULIC FILTER

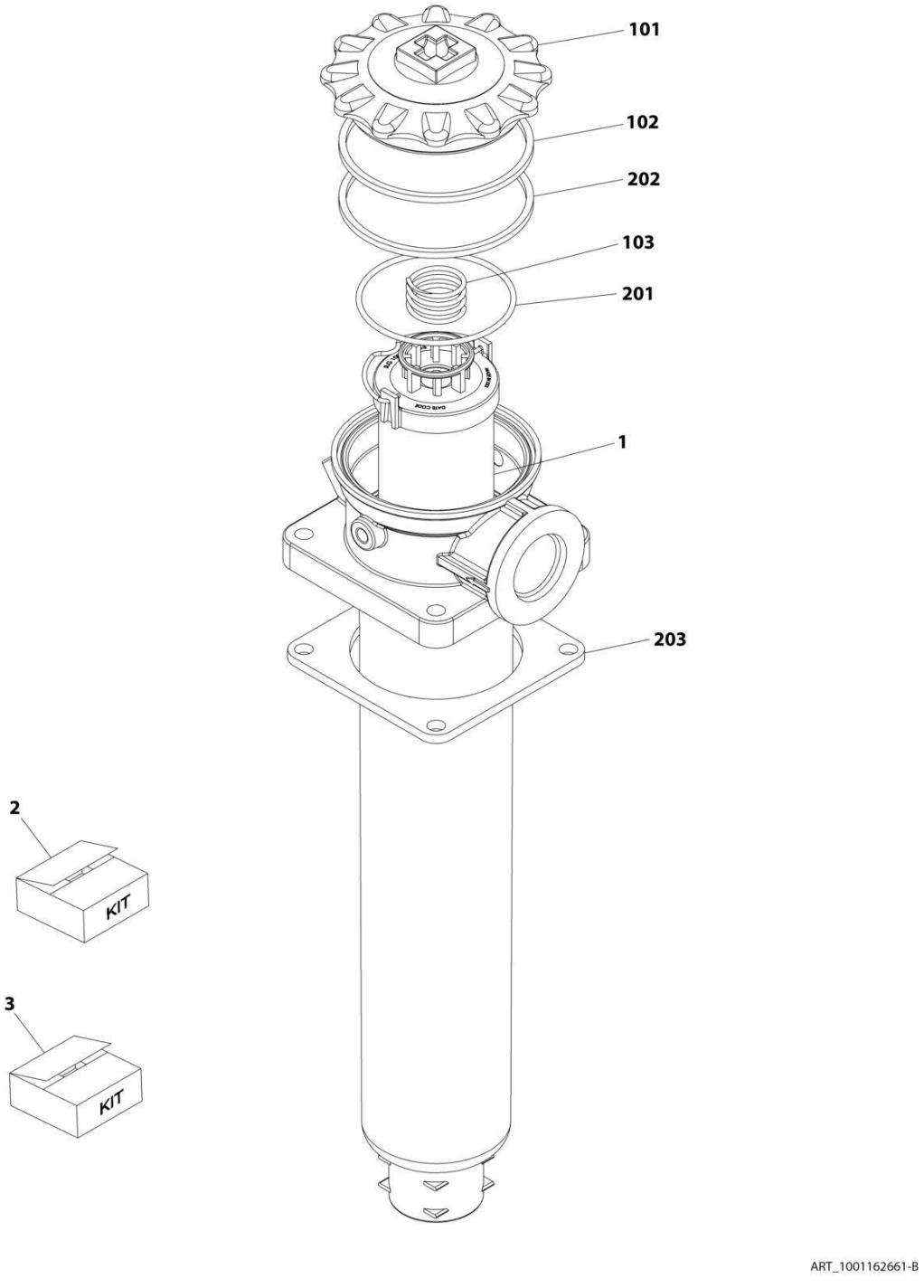


FIGURE 9-27. HYDRAULIC FILTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162661	Ref	Hydraulic Filter	B
1	1001176283	1	Filter, Element	
2	70026816	1	Kit, Lid Assembly (includes items 101 thru 103)	
3	70027241	1	Kit, Seal (includes items 201 thru 203)	
101	Kit	1	Lid	
102	Kit	1	Seal	
103	Kit	1	Spring	
201	Kit	1	O-Ring	
202	Kit	1	Seal	
203	Kit	1	Gasket	

FIGURE 9-28. SAHR BRAKE MANIFOLD

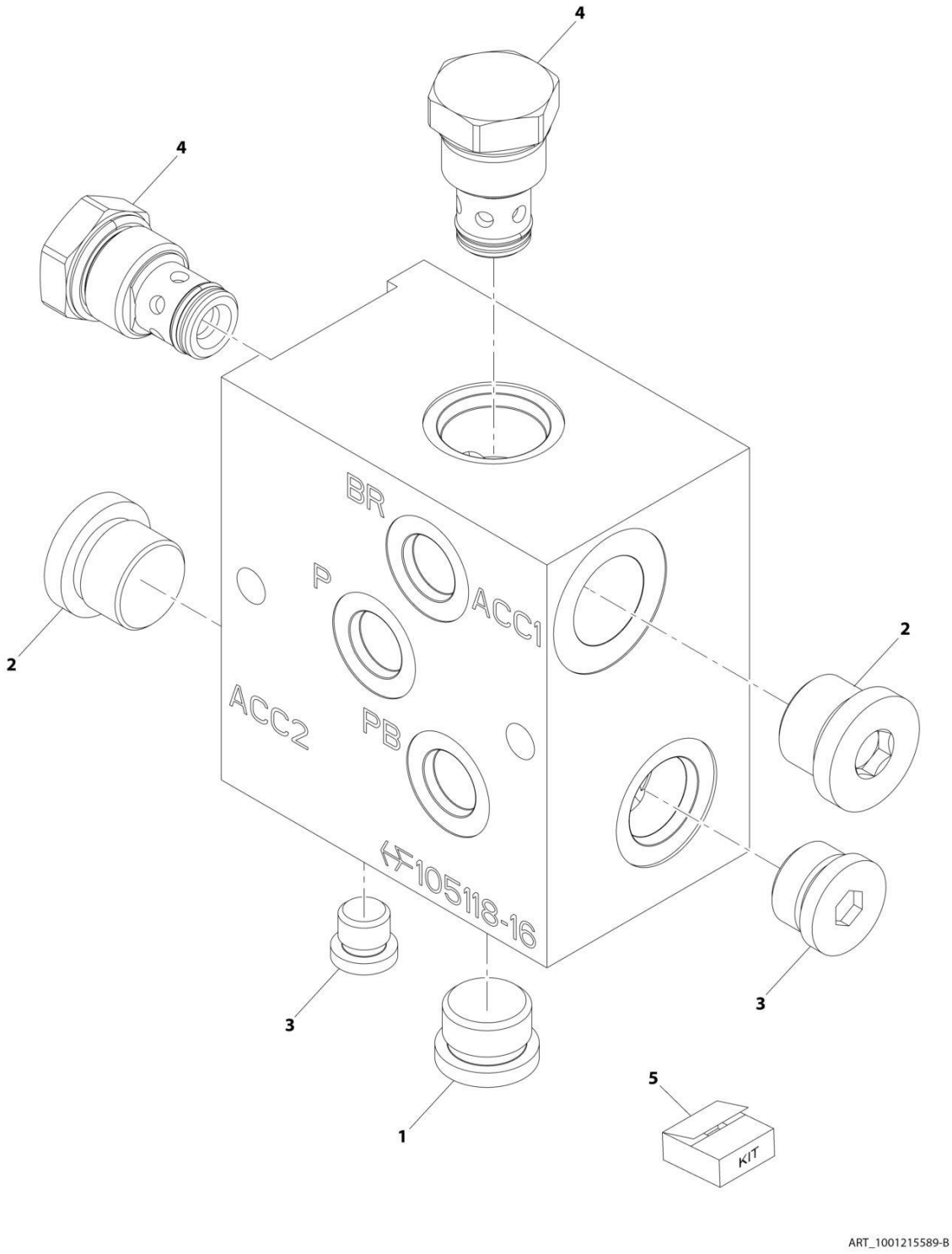


FIGURE 9-28. SAHR BRAKE MANIFOLD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215589	Ref	SAHR Brake Manifold	B
1	2220886	2	Port Plug	
2	70027902	2	Port Plug	
3	2220883	2	Port Plug	
4	7017478	2	Check Valve	
5	7017496	1	Seal Kit	
	Kit	1	O-Ring, (not shown)	
	Kit	1	O-Ring, (not shown)	
	Kit	1	Backup Ring, (not shown)	

SECTION 10 - ELECTRICAL

FIGURE 10-1. FRAME WIRING INSTALLATION

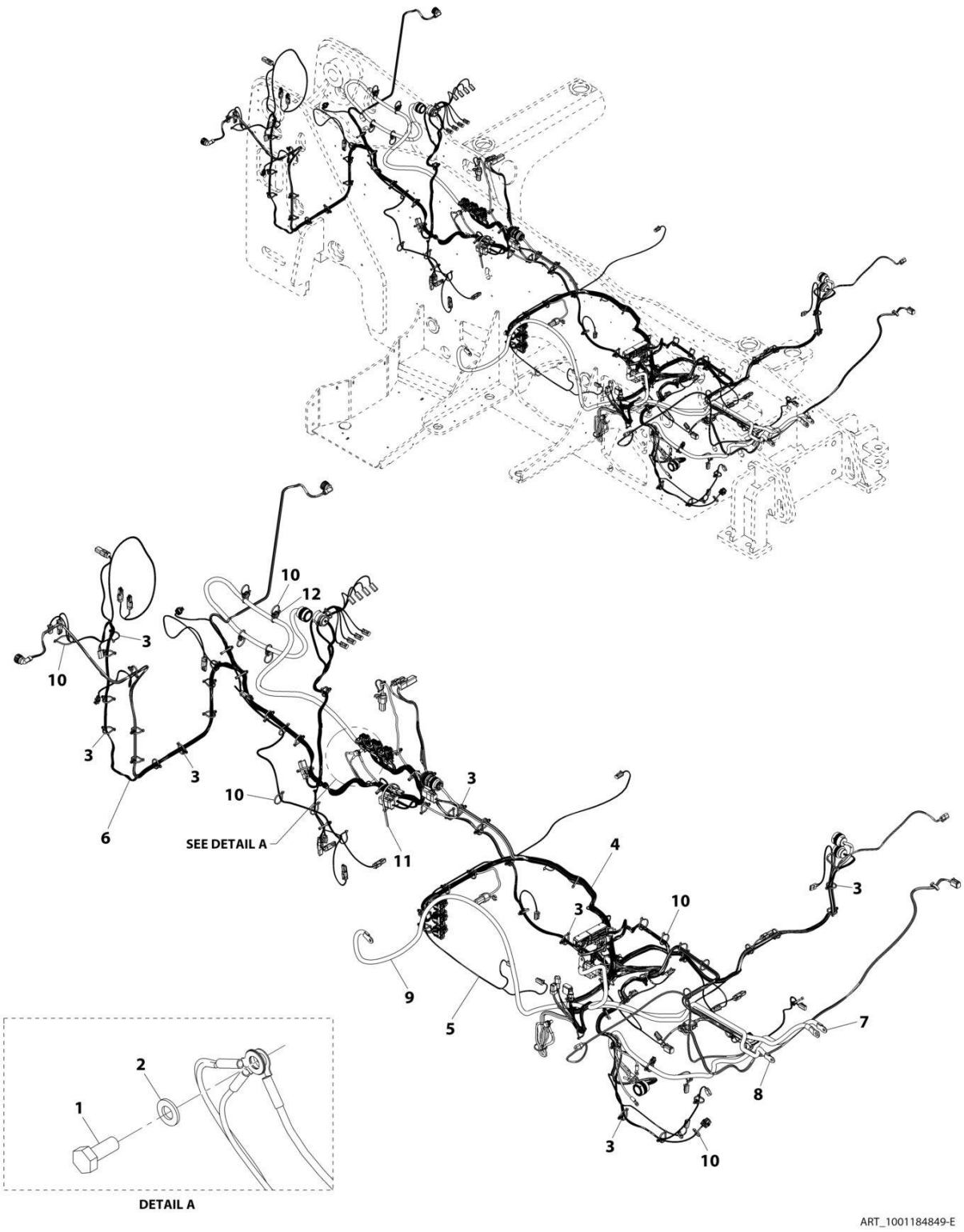


FIGURE 10-1. FRAME WIRING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184849	Ref	Frame Wiring Installation	E
1	0701012	3	Bolt, M10X25	
2	4812000	3	Washer, M10	
3	1001146588	55	Strap, Cable	
4	1001183401	Ref	Harness, Front Frame (See Separate Breakdown in this Section) **(Prior to SN 1160008371)**	
4	1001231708	Ref	Harness, Front Frame (See Separate Breakdown in this Section) **(SN 1160008371 to Present)**	
5	1001183737	1	Harness, Hydrostatic (See Separate Breakdown in this Section)	
6	1001183848	Ref	Harness, Rear Frame (See Separate Breakdown in this Section) **(Prior to SN 1160008371)**	
6	1001231709	Ref	Harness, Rear Frame (See Separate Breakdown in this Section) **(SN 1160008371 to Present)**	
7	1001184528	1	Cable, Battery + to PDM	
8	1001184539	1	Cable, Battery + to Battery Disconnect	
9	1001184564	1	Cable, Starter to Battery	
10	1001008559	31	Tie Strap	
11	1062255	1	Strap, Tie	
12	1001004723	5	Saddle	

FIGURE 10-2. ENGINE WIRING INSTALLATION (85KW - ULS)

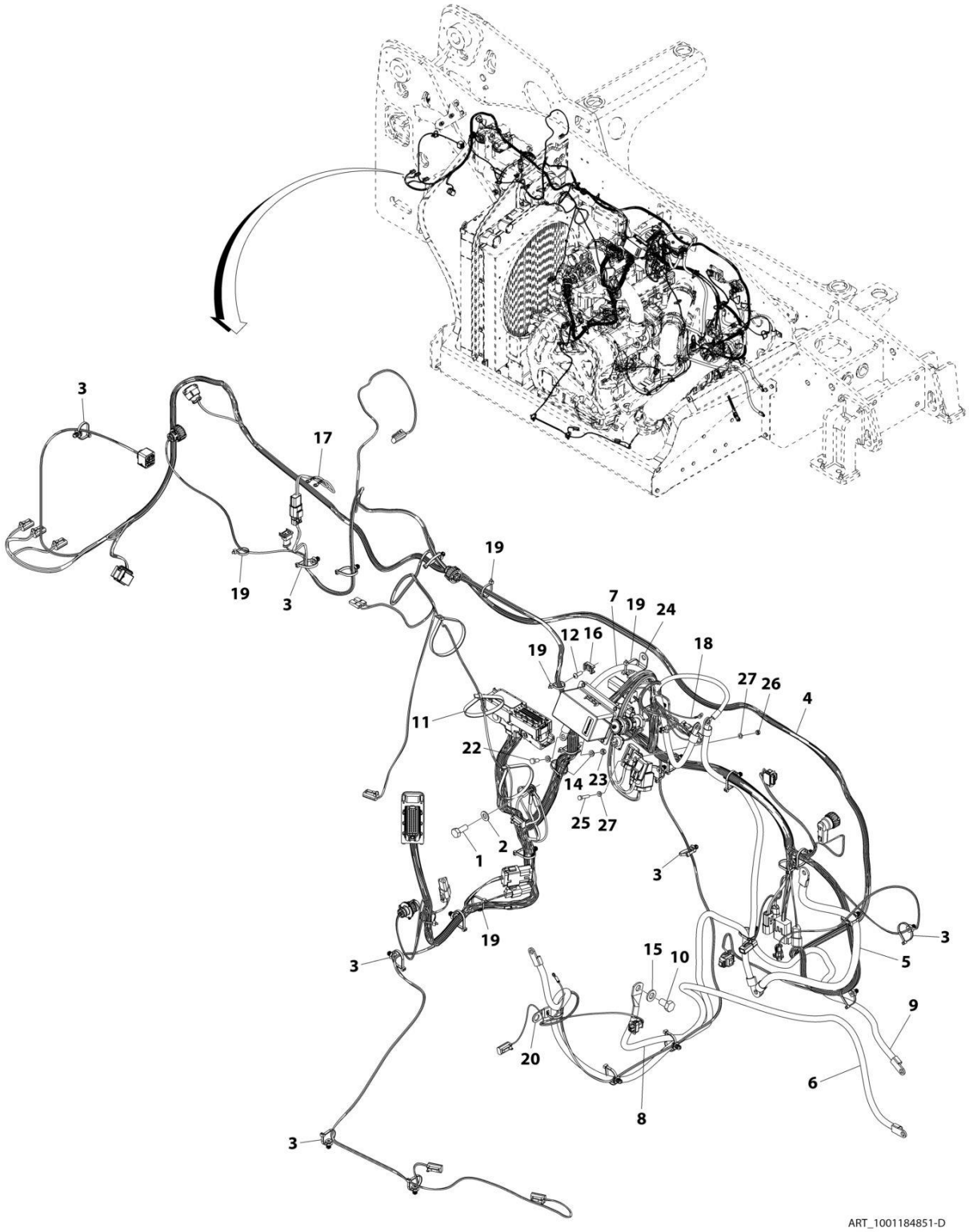
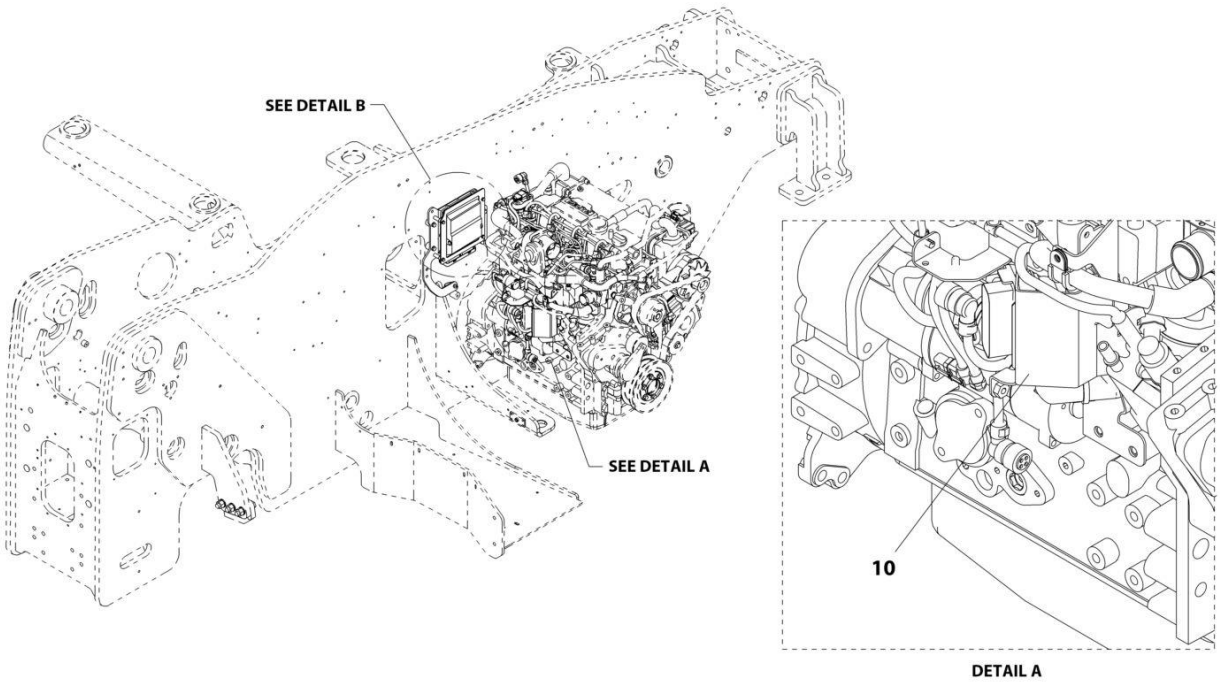


FIGURE 10-2. ENGINE WIRING INSTALLATION (85KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184851	Ref	Engine Wiring Installation (85KW - ULS)	D
1	0701012	1	Bolt, M10X25	
2	4812000	1	Washer, M10	
3	1001146588	24	Strap, Cable	
4	1001183814	1	Harness, Engine (See Separate Breakdown in this Section)	
5	1001184538	1	Cable, Battery Disconnect to Ground Bus	
6	1001184546	1	Cable, Alternator	
7	1001184555	1	Cable, Glow Plug	
8	1001184558	1	Cable, Ground Bus To Engine Ground	
9	1001184559	1	Cable, Glow Plug Relay to PDM	
10	0761210	1	Bolt, M12X20	
11	1062255	3	Strap, Tie	
12	3900357	2	Screw, M6X16	
14	4811700	2	Washer, M6	
15	4812100	1	Washer, M12	
16	1001138645	2	Mount, Cable Tie	
17	1001182929	1	Harness, Fuel Pump (See Separate Breakdown in this Section)	
18	1001182930	1	Harness, Glow Plug Relay (See Separate Breakdown in this Section)	
19	1001008559	8	Tie Strap	
20	1001025750	1	Clip	
22	0760607	1	Bolt, M6X14	
23	3290601	1	Nut, M6X1	
24	1001003305	1	Clip	
25	0760512	1	Bolt M5X25	
26	3290501	1	Nut, M5X0.8	
27	4811600	2	Washer, M5	

FIGURE 10-3. ENGINE ECU INSTALLATION (74.4KW - 85KW - ULS)



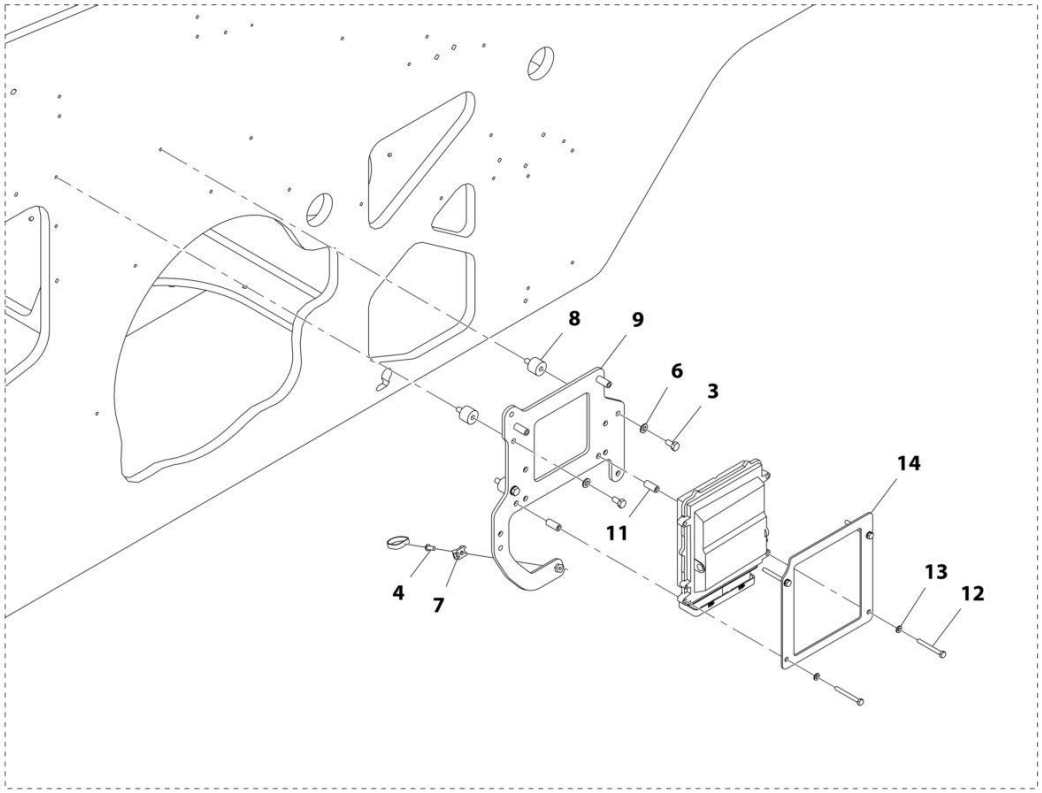


FIGURE 10-3. ENGINE ECU INSTALLATION (74.4KW - 85KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180659	Ref	Engine ECU Installation (74.4KW - 85KW - ULS)	D
3	0760808	3	Bolt, M8X16	
4	3900357	1	Screw, M6X16	
6	4811900	3	Washer, M8	
7	1001138645	1	Mount, Cable Tie	
8	1001179907	3	Mount	
9	1001180660	1	Bracket	
10	1001183567	1	Bracket	
11	1001196587	4	Sleeve, Spacer	
12	0760619	4	Bolt, M6X55	
13	4811700	4	Washer, M6	
14	1001206120	1	Plate, ECM Frame	

FIGURE 10-4. ENGINE WIRING INSTALLATION (74.4KW - 85KW - LS)

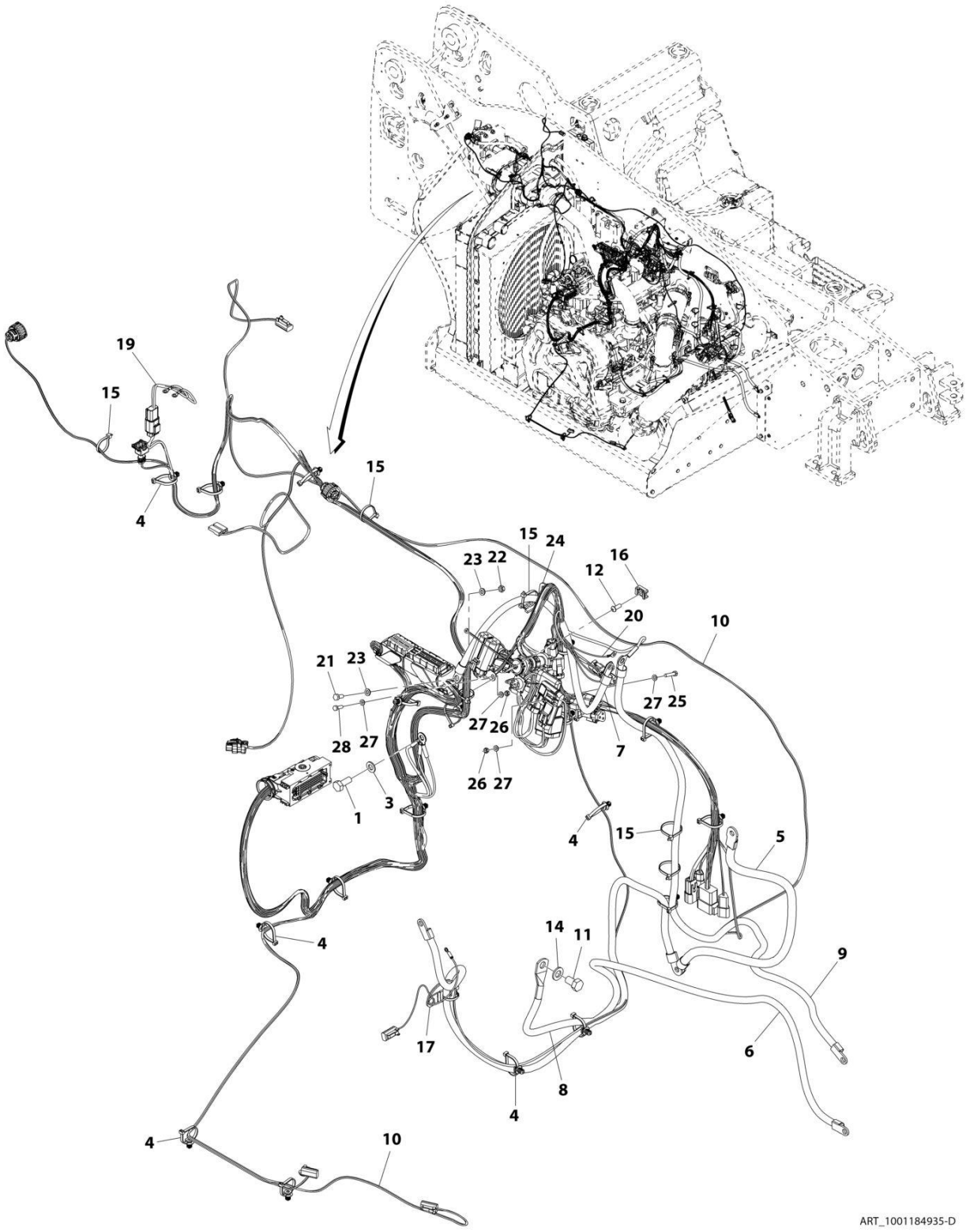


FIGURE 10-4. ENGINE WIRING INSTALLATION (74.4KW - 85KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184935	Ref	Engine Wiring Installation (74.4KW - 85KW - LS)	D
1	0701012	1	Bolt, M10X25	
3	4812000	1	Washer, M10	
4	1001146588	20	Strap, Cable	
5	1001184538	1	Cable, Battery Disconnect to Ground Bus	
6	1001184546	1	Cable, Alternator	
7	1001184555	1	Cable, Glow Plug	
8	1001184558	1	Cable, Ground Bus To Engine Ground	
9	1001184559	1	Cable, Glow Plug Relay to PDM	
10	1001184623	1	Harness, Engine (See Separate Breakdown in this Section)	
11	0761210	1	Bolt, M12X20	
12	3900357	1	Screw, M6X16	
14	4812100	1	Washer, M12	
15	1001008559	7	Strap, Cable	
16	1001138645	1	Mount, Cable Tie	
17	1001025750	1	Clip	
19	1001182929	1	Harness, Fuel Pump (See Separate Breakdown in this Section)	
20	1001182930	1	Harness, Glow Plug Relay (See Separate Breakdown in this Section)	
21	0760607	1	Bolt, M6X14	
22	3290601	1	Nut, M6X1	
23	4811700	2	Washer, M6	
24	1001003305	1	Clip	
25	0760512	1	Bolt M5X25	
26	3290501	3	Nut, M5X0.8	
27	4811600	6	Washer, M5	
28	0760508	2	Bolt, M5X16	

FIGURE 10-5. ENGINE ECU INSTALLATION (74.4KW - 85KW - LS)

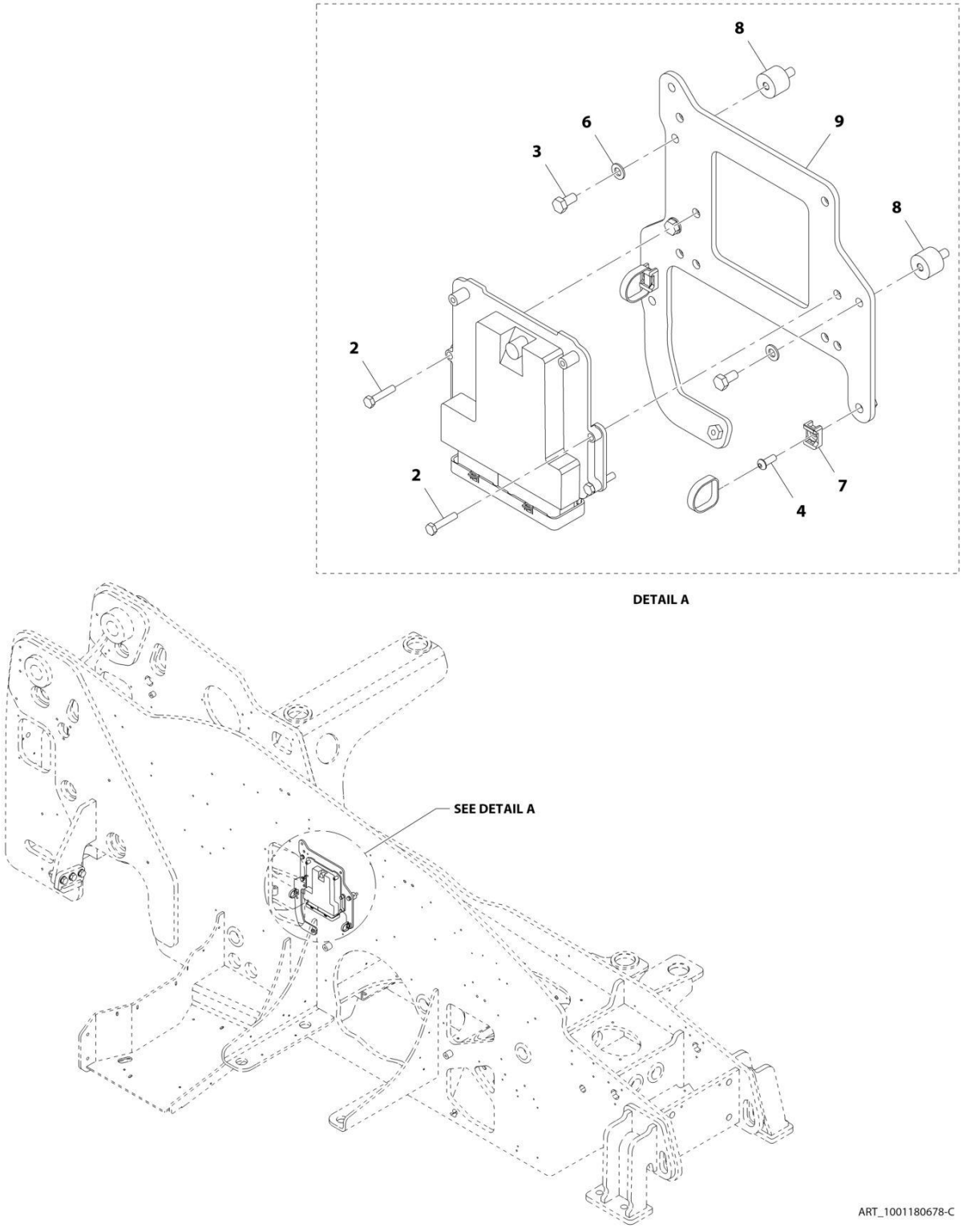


FIGURE 10-5. ENGINE ECU INSTALLATION (74.4KW - 85KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180678	Ref	Engine ECU Installation (74.4KW - 85KW - LS)	C
2	0700614	4	Bolt, M6X30	
3	0760808	3	Bolt, M8X16	
4	3900357	2	Screw, M6X16	
6	4811900	3	Washer, M8	
7	1001138645	2	Mount, Cable Tie	
8	1001179907	3	Mount	
9	1001180660	1	Bracket	

FIGURE 10-6. ELECTRICAL COMPONENTS INSTALLATION

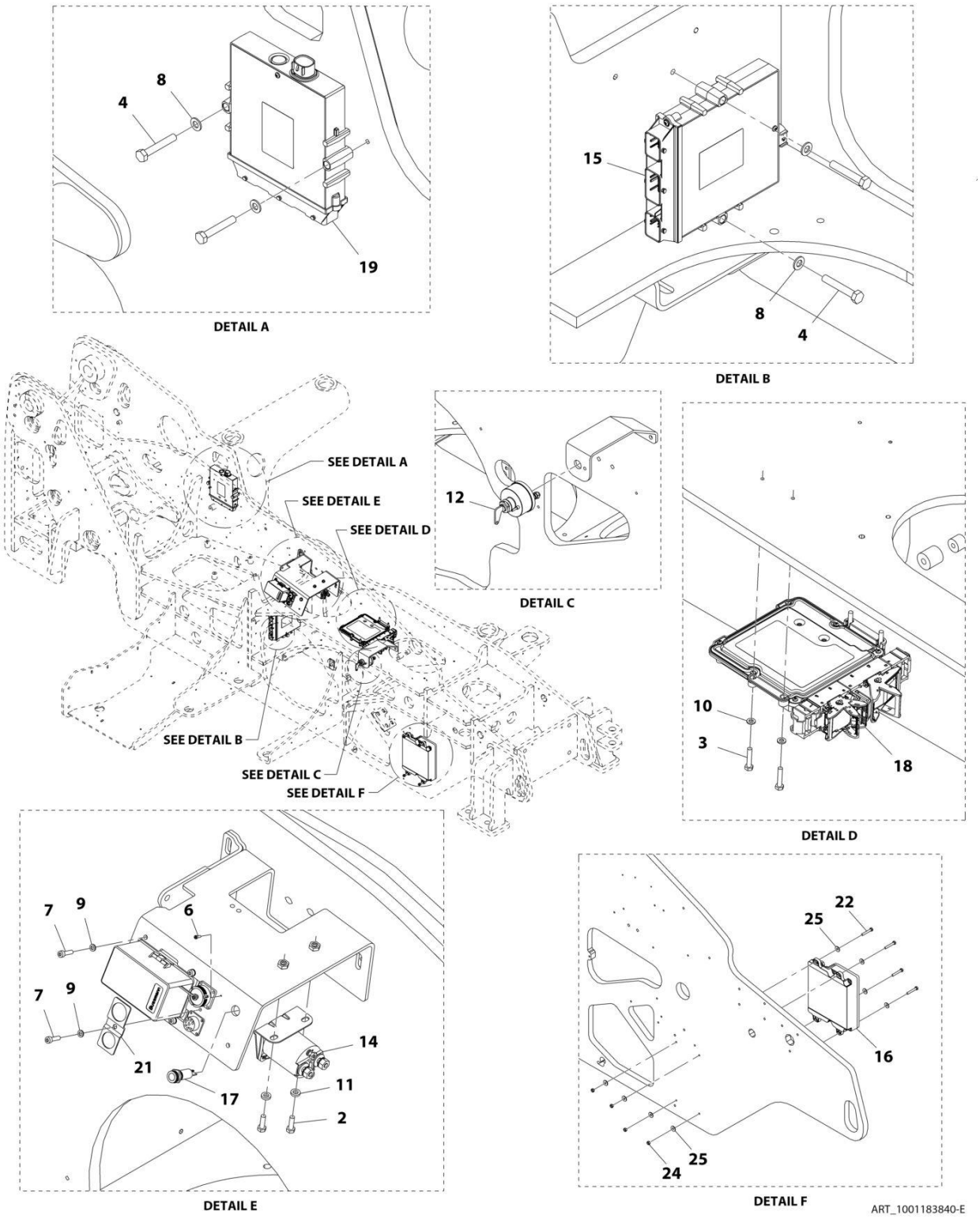


FIGURE 10-6. ELECTRICAL COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183840	Ref	Electrical Components Installation	E
2	0700610	2	Bolt, M6X20	
3	0700614	4	Bolt, M6X30	
4	0700818	4	Bolt, M8X50	
6	3900349	1	Screw, M2.5	
7	4031608	5	Bolt, M5X20	
8	4811900	4	Washer, M8	
9	4831600	5	Washer, Lock M5	
10	4831700	4	Washer, Lock M6	
11	5240600	2	Washer, M6	
12	1001008926	NLA	Switch, Disconnect, (no longer available, use 1001192142 for replacement)	
12	1001192142	1	Switch, Disconnect	
14	1001117308	1	Relay, 200 Amp (See Separate Breakdown in this Section)	
15	1001209577	1	Module, Front Frame Control	
16	1001164402	1	Box, Power Distribution Electrical (See Separate Breakdown in this Section)	
16	1001191487	1	Decal, Fuse Panel, (not shown)	
17	1001169825	1	Lamp, 12V Yellow	
18	1001177613	1	Controller, RC28	
19	1001209576	1	Controller, Rear Frame Module	
21	1001186693	1	Plate	
22	0700616	4	Bolt, M6X40	
24	3290601	4	Nut, M6X1 Grade 8	
25	4811702	8	Washer, M6	

FIGURE 10-7. POWER DISTRIBUTION ELECTRICAL BOX

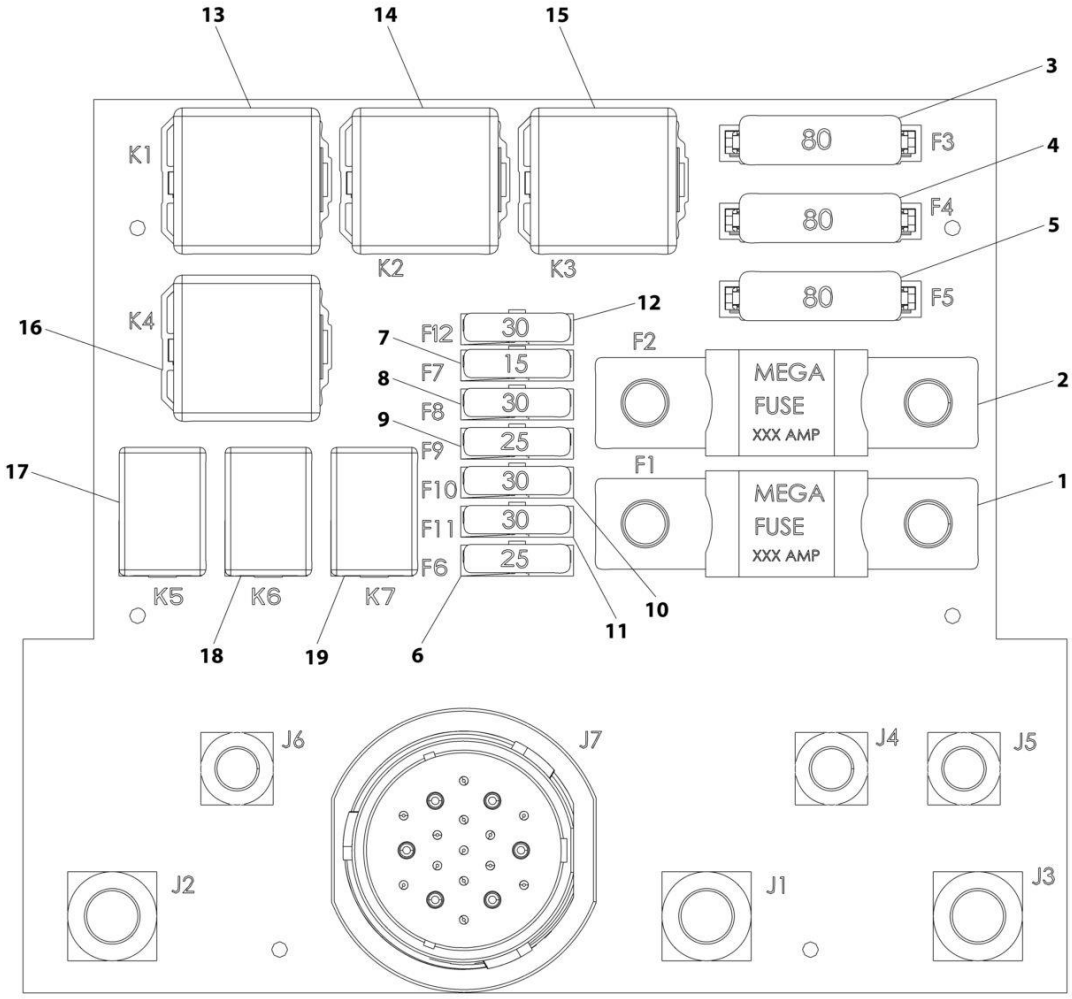
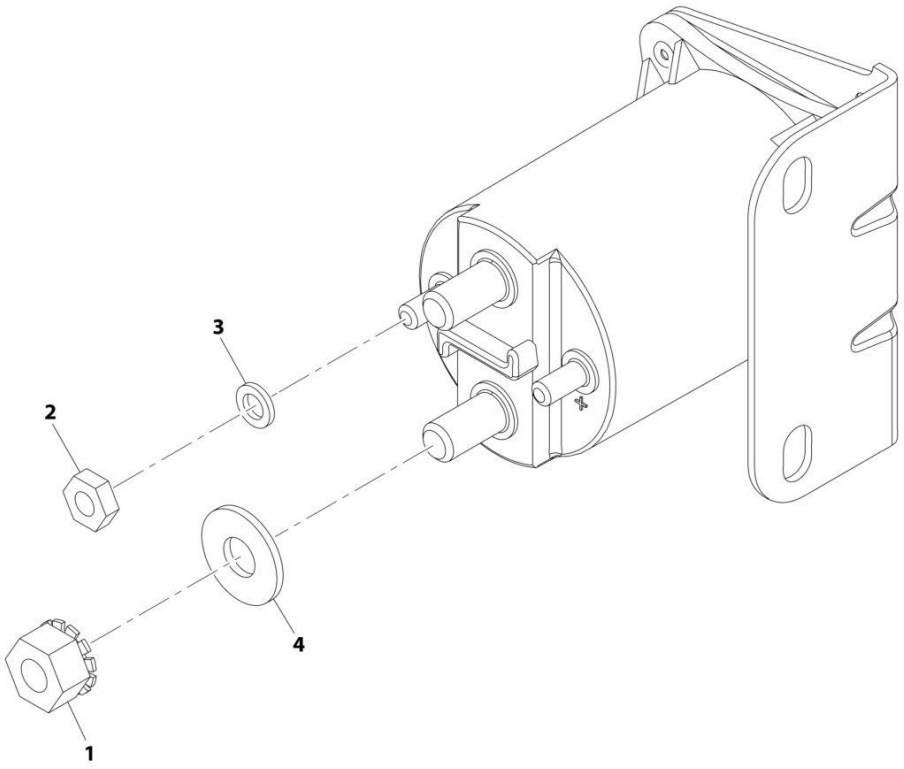


FIGURE 10-7. POWER DISTRIBUTION ELECTRICAL BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164402	Ref	Power Distribution Electrical Box	G
1	1001095336	1	Fuse, 150AMP	
2	70026296	1	Fuse, 200AMP	
3	70026297	1	Fuse, 80AMP	
4	70026297	1	Fuse, 80AMP	
5	70026297	1	Fuse, 80AMP	
6	8229247	1	Fuse, 25AMP	
7	8229244	1	Fuse, 15AMP	
8	8229245	1	Fuse, 30AMP	
9	8229247	1	Fuse, 25AMP	
10	8229245	1	Fuse, 30AMP	
11	8229245	1	Fuse, 30AMP	
12	8229245	1	Fuse, 30AMP	
13	70026294	1	Fuse, 70AMP	
14	70026294	1	Fuse, 70AMP	
15	70026294	1	Fuse, 70AMP	
16	70026294	1	Fuse, 70AMP	
17	70026295	1	Fuse, 35AMP	
18	70026295	1	Fuse, 35AMP	
19	70026295	1	Fuse, 35AMP	

FIGURE 10-8. 200 AMP RELAY INSTALLATION



ART_1001117308-C

FIGURE 10-8. 200 AMP RELAY INSTALLATION

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 10-9. BATTERY INSTALLATION

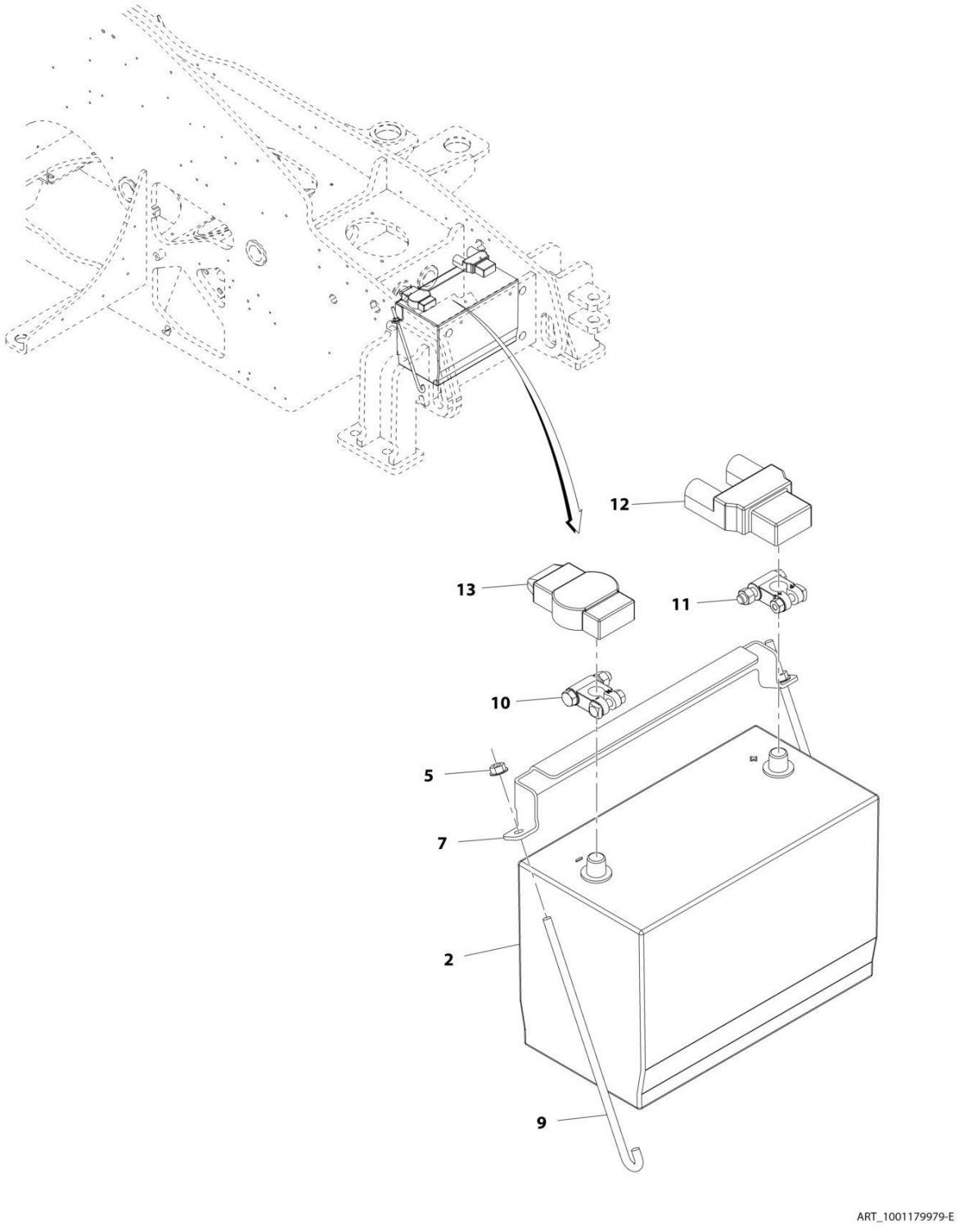
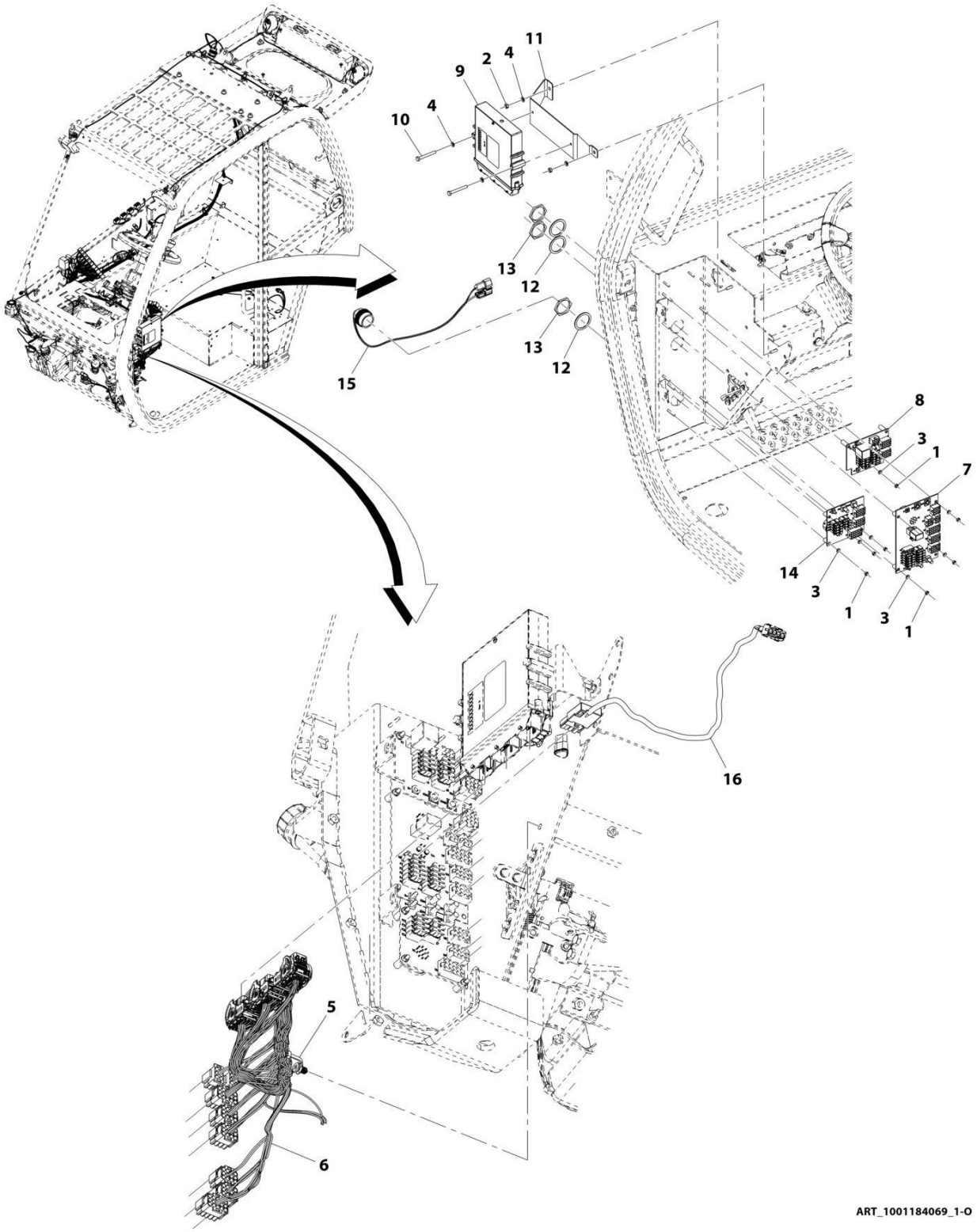


FIGURE 10-9. BATTERY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179979	Ref	Battery Installation	E
2	0400075	1	Battery, 12V	
5	5220800	2	Nut, M8	
7	1001141596	1	Plate, Battery Hold Down	
9	1001160928	2	J-Bolt	
10	8270147	1	Clamp, Battery Negative	
11	8270148	1	Clamp, Battery Positive	
12	7301893	NLA	Insulator, Battery Terminal (no longer available, use 1001214663 for replacement)	
12	1001214663	1	Insulator, Battery Terminal	
13	1001145300	1	Boot, Battery Terminal	

FIGURE 10-10. CAB ELECTRICAL INSTALLATION



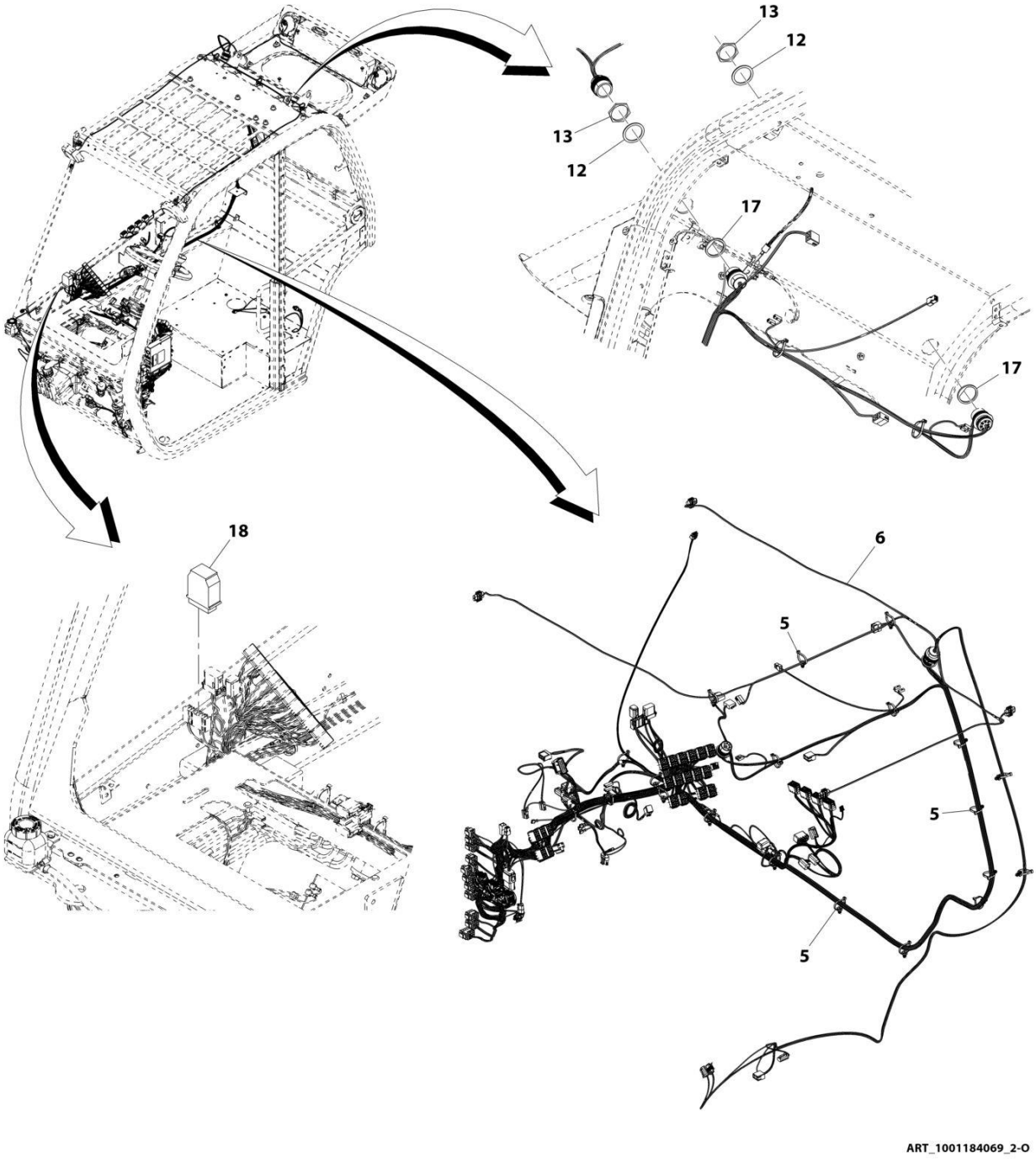
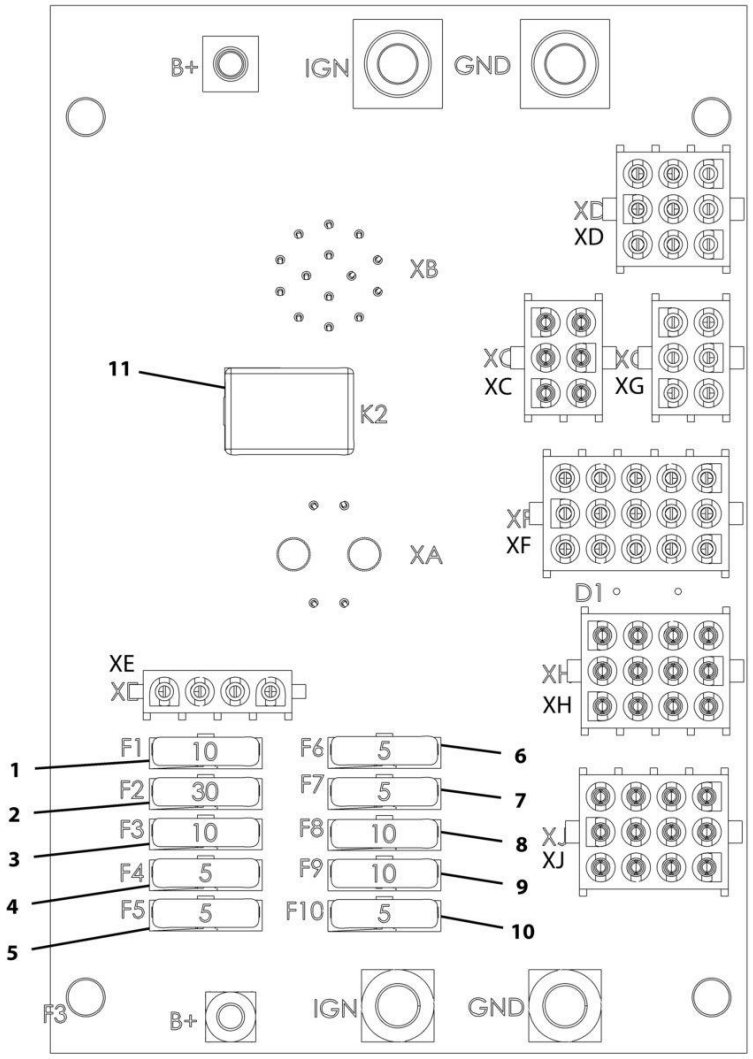

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ART_1001184069_2-O

FIGURE 10-10. CAB ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184069	Ref	Cab Electrical Installation	O
1	3290501	7	Nut, M5X0.8 Grade 8	
2	3290601	2	Nut, M6X1 Grade 8	
3	120034	7	Washer, Plastic	
4	4811700	4	Washer, M6	
5	1001146588	23	Strap, Cable Tie	
6	1001184070	1	Harness, Cab (See Separate Breakdown in this Section)	
7	1001161769	1	Assembly, Standard Electrical Board (See Separate Breakdown in this Section)	
8	1001161770	1	Assembly, Option 1 Electrical Board (See Separate Breakdown in this Section)	
9	1001209578	1	Module, Cab Control	
10	0700618	2	Bolt, M6X50	
11	1001178933	1	Bracket	
12	4460496	5	Washer, Terminal Lock	
13	4460497	5	Nut, Terminal	
14	1001161771	1	Assembly, Option 2 Electrical Board (See Separate Breakdown in this Section)	
15	1001181681	1	Harness, Cab Option LBP (See Separate Breakdown in this Section)	
16	1001213988	1	Cable, Communication Analyzer	
17	1001211693	2	Seal	
18	1001214281	1	Connector, Wiper Module	

FIGURE 10-11. STANDARD ELECTRICAL BOARD ASSEMBLY



ART_1001161769-C

FIGURE 10-11. STANDARD ELECTRICAL BOARD ASSEMBLY

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

FIGURE 10-12. OPTION 1 ELECTRICAL BOARD ASSEMBLY

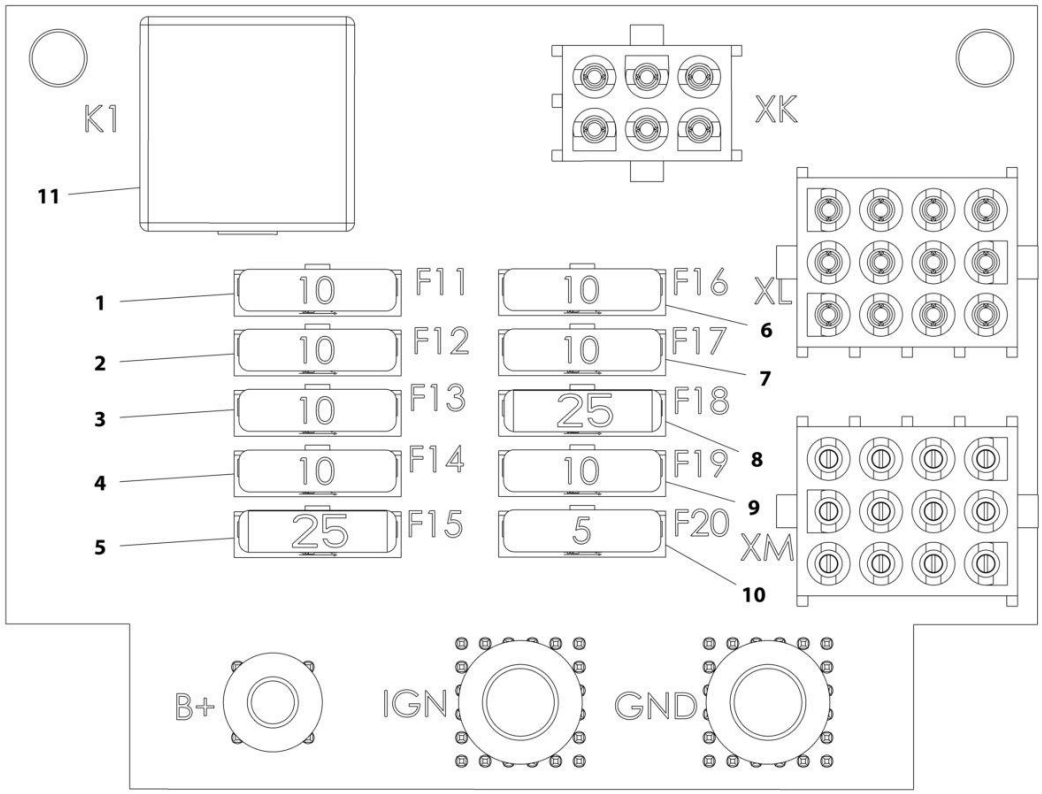
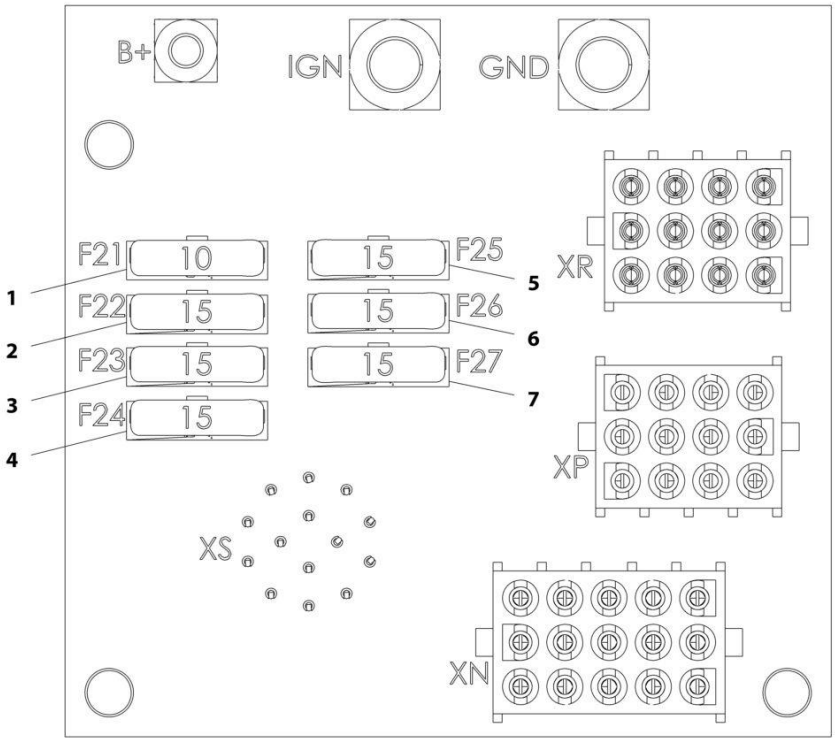


FIGURE 10-12. OPTION 1 ELECTRICAL BOARD ASSEMBLY

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

FIGURE 10-13. OPTION 2 ELECTRICAL BOARD ASSEMBLY



ART_1001161771-B

FIGURE 10-13. OPTION 2 ELECTRICAL BOARD ASSEMBLY

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

FIGURE 10-14. DASH ELECTRICS INSTALLATION (ULS)

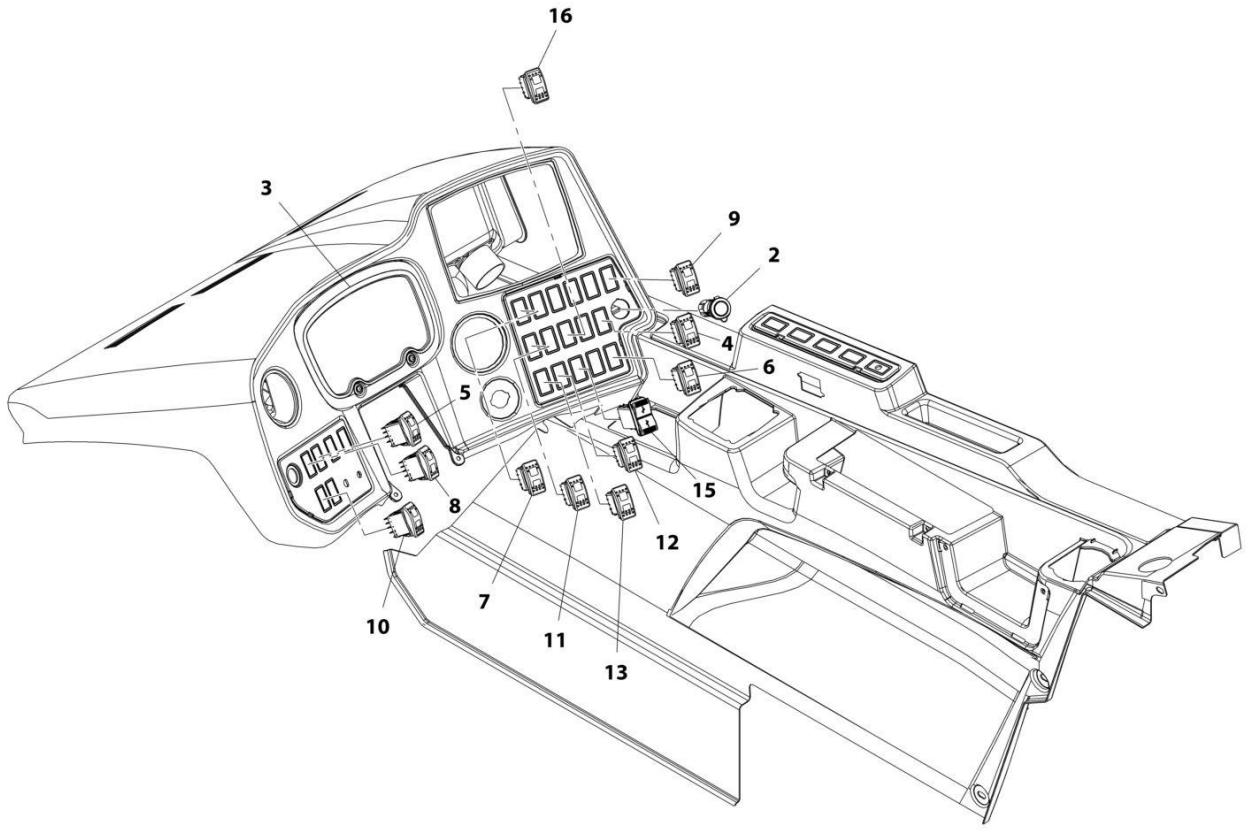


FIGURE 10-14. DASH ELECTRICS INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185809	Ref	Dash Electrics Installation (ULS)	D
2	1001095804	1	Connector, 12V Power Socket	
3	1001158146	1	Cluster, Electrical Gauge	
4	1001104654	1	Switch, AUX Decomp	
5	1001159741	1	Switch, Constanst AUX	
6	1001163639	1	Switch, Driving Lights	
7	1001159737	1	Switch, Fog Lights	
8	1001189898	1	Switch, Framer/Loader	
9	1001159734	1	Switch, Hazard	
10	1001159742	1	Switch, LSI Override	
11	1001159735	1	Switch, Rear Wiper	
12	1001159743	1	Switch, Road Use	
13	1001159849	1	Switch, Steer Mode	
15	1001174712	1	Switch, USB Charger	
16	1001159748	1	Switch, Bucket Mode	

FIGURE 10-15. REVERSE CAMERA INSTALLATION (NO HYDRAULIC HITCH)

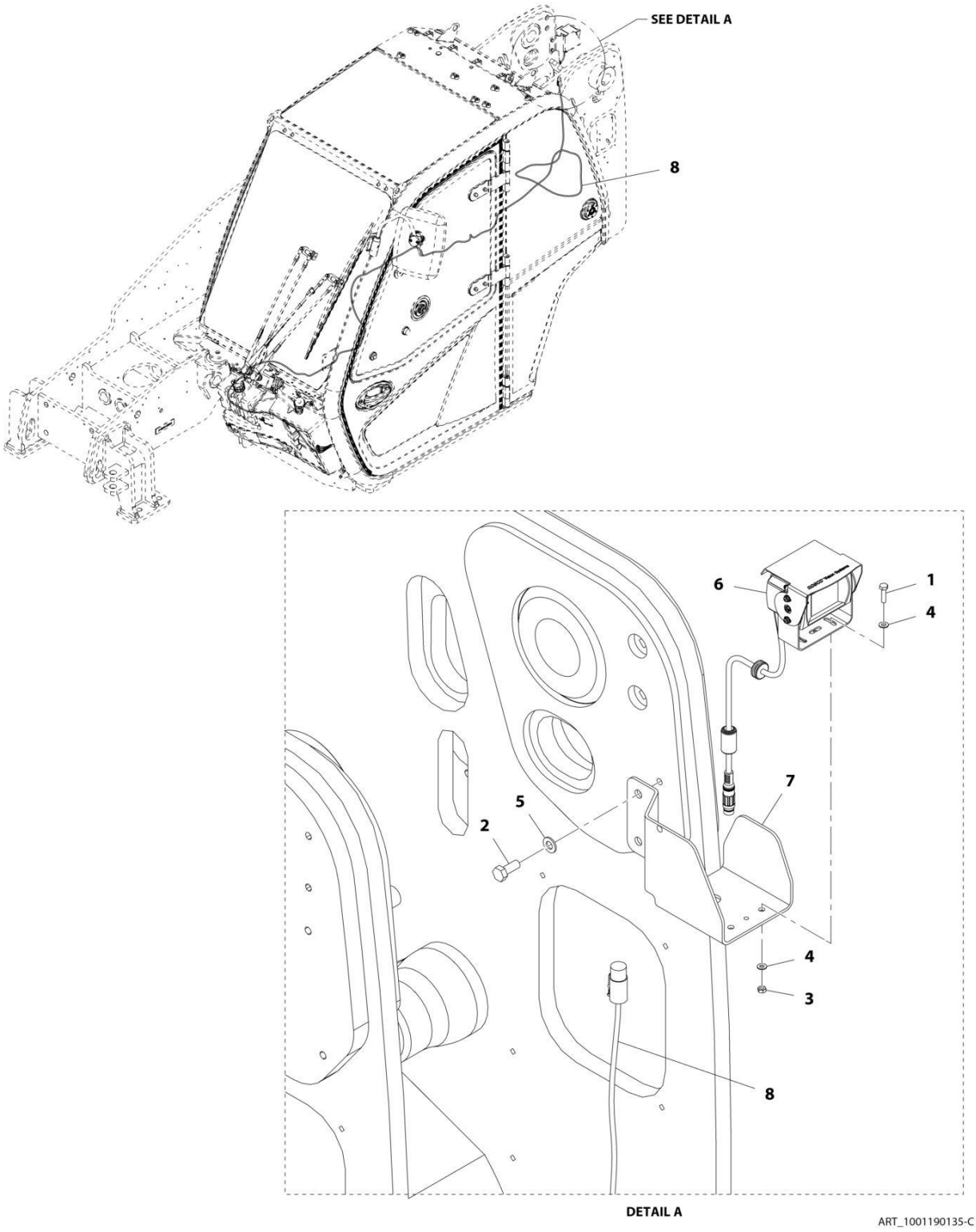


FIGURE 10-15. REVERSE CAMERA INSTALLATION (NO HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190135	Ref	Reverse Camera Installation (No Hydraulic Hitch)	C
1	0700408	2	Bolt, M4X16	
2	0760810	2	Bolt, M8X20	
3	3290401	2	Nut, M4X0.7 Grade 8	
4	4811400	4	Washer, M4	
5	4811900	2	Washer, M8	
6	1001167017	1	Camera	
7	1001202332	1	Bracket	
8	1001202558	1	Cable, Reverse Camera	

FIGURE 10-16. REVERSE CAMERA INSTALLATION (HYDRAULIC HITCH)

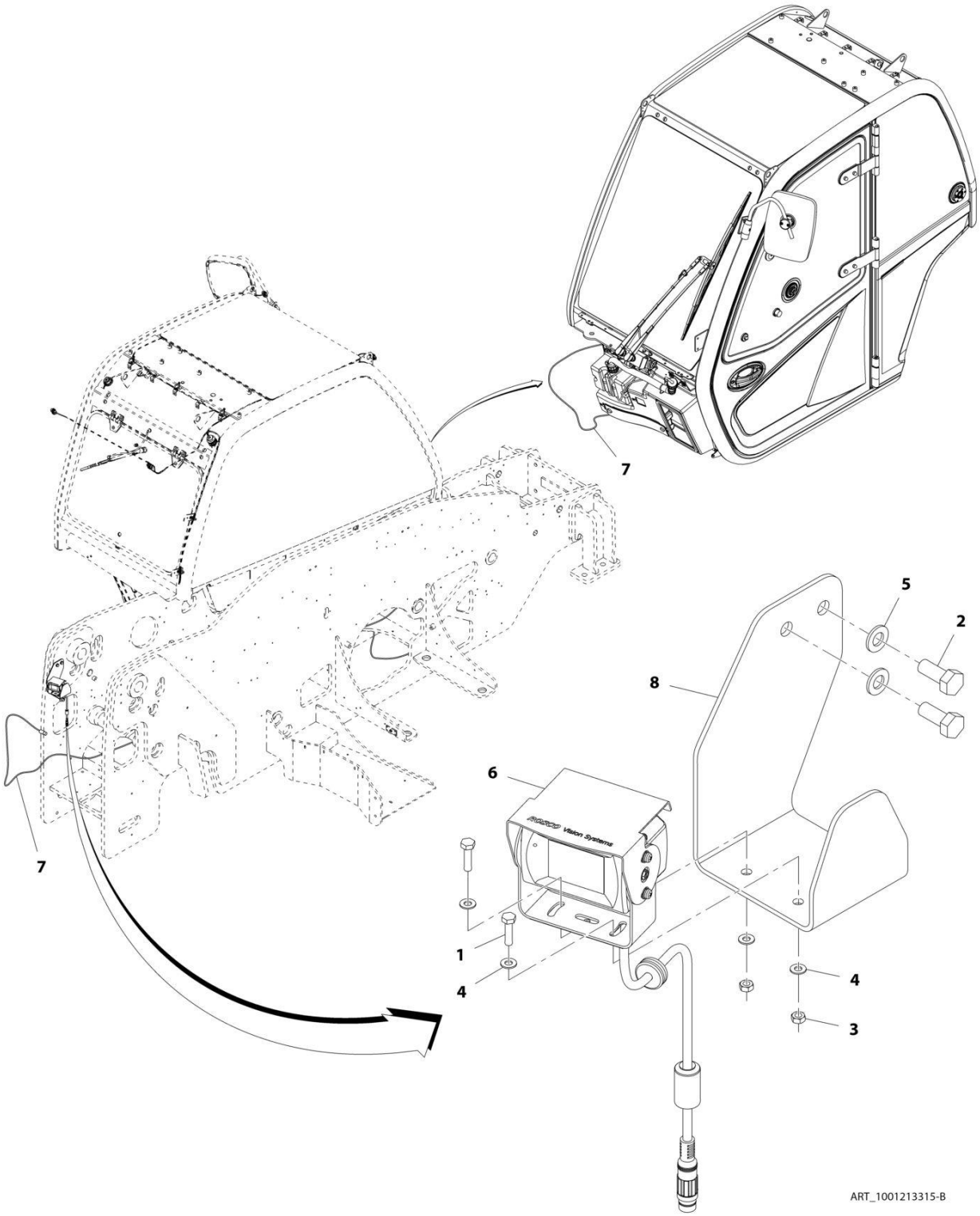


FIGURE 10-16. REVERSE CAMERA INSTALLATION (HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213315	1	Reverse Camera Installation (Hydraulic Hitch)	B
1	0700408	2	Bolt, M4X16	
2	0760810	2	Bolt, M8X20	
3	3290401	2	Nut, M4X0.7 Grade 8	
4	4811400	4	Washer, M4	
5	4811900	2	Washer, M8	
6	1001167017	1	Camera	
7	1001202558	1	Cable, Reverse Camera	
8	1001214832	1	Bracket	

FIGURE 10-17. REVERSE SENSOR INSTALLATION (NO HYDRAULIC HITCH)

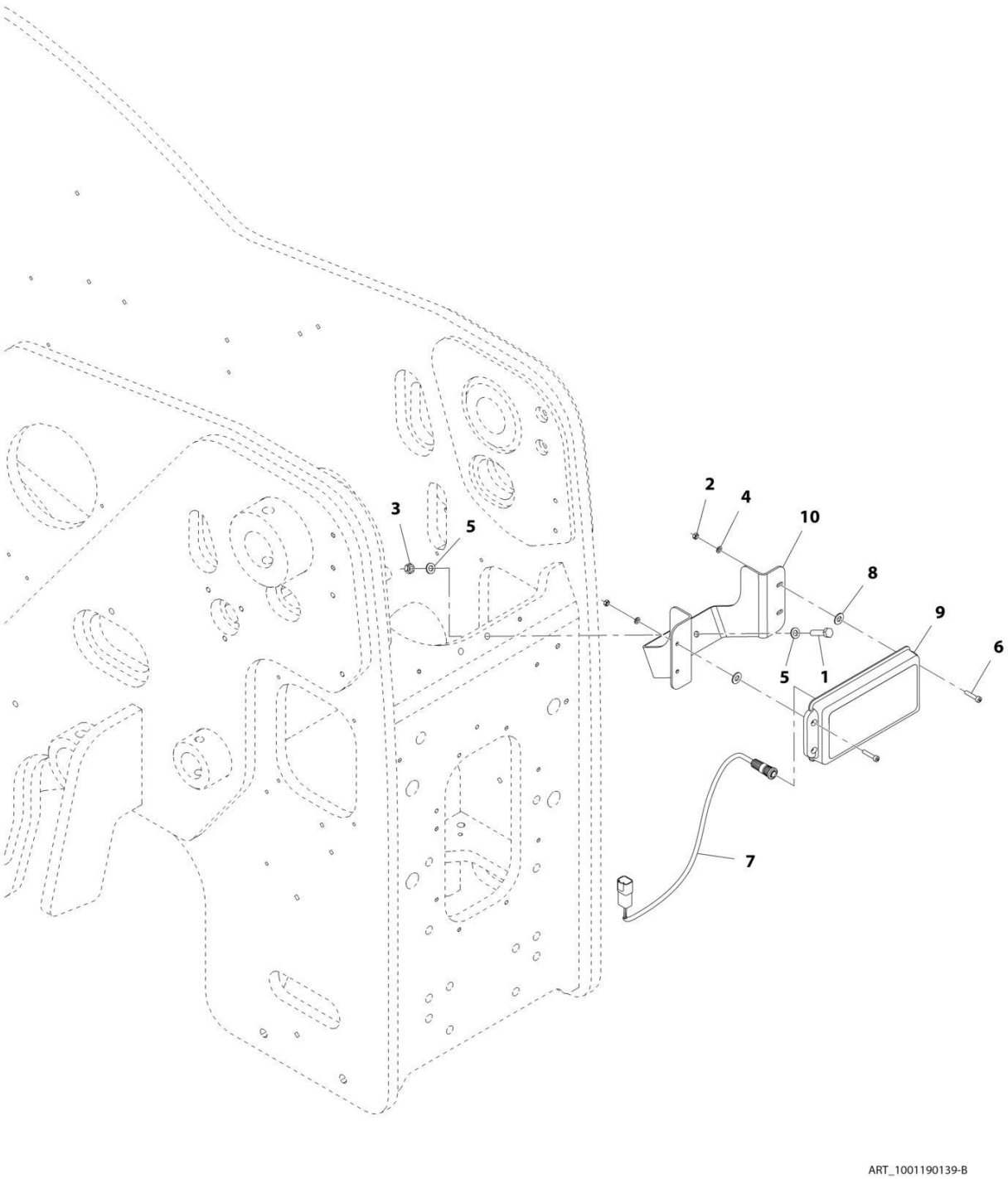


FIGURE 10-17. REVERSE SENSOR INSTALLATION (NO HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190139	Ref	Reverse Sensor Installation (No Hydraulic Hitch)	B
1	0760815	2	Bolt, M8X35	
2	3290501	4	Nut, M5X0.8 Grade 8	
3	3290801	2	Nut, M8X1.25	
4	4811600	4	Washer, M5	
5	4811900	4	Washer, M8	
6	5271609	4	Screw, M5X25	
7	1001175776	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
8	1001181921	4	Washer, M8	
9	1001189997	1	Sensor, Reverse	
10	1001202318	1	Bracket	

FIGURE 10-18. REVERSE SENSOR INSTALLATION (HYDRAULIC HITCH)

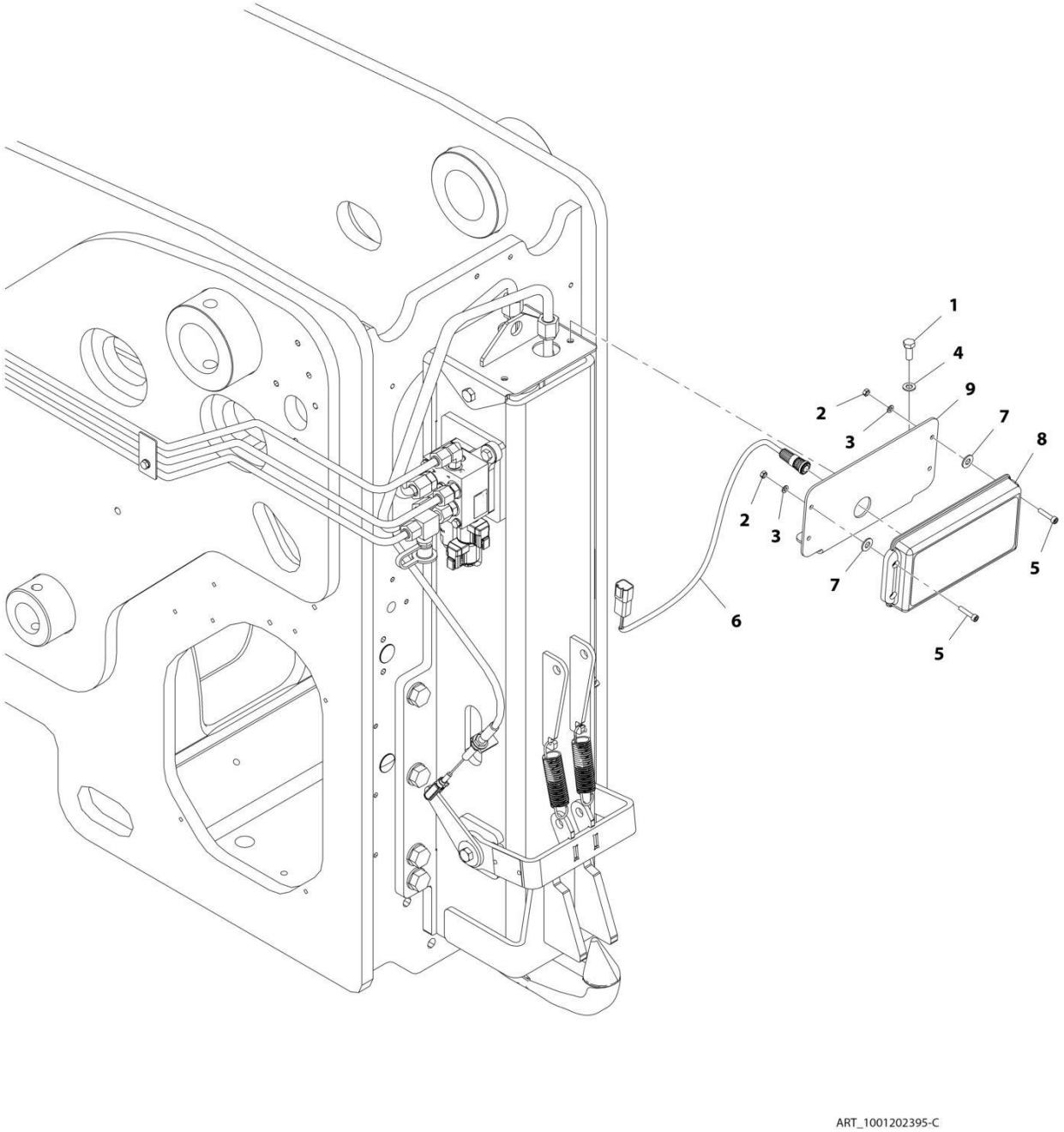


FIGURE 10-18. REVERSE SENSOR INSTALLATION (HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202395	Ref	Reverse Sensor Installation (Hydraulic Hitch)	C
1	0760810	2	Bolt, M8X20	
2	3290501	4	Nut, M5X0.8 Grade 8	
3	4811600	4	Washer, M5	
4	4811900	2	Washer, M8	
5	5271609	4	Screw, M12.9	
6	1001175776	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
7	1001181921	4	Washer, Rubber M8	
8	1001189997	1	Sensor, Reverse	
9	1001202286	1	Bracket	

FIGURE 10-19. CLEARSKY INSTALLATION (A/C - LONG ROOF CAP) (Prior to SN 1160008371)

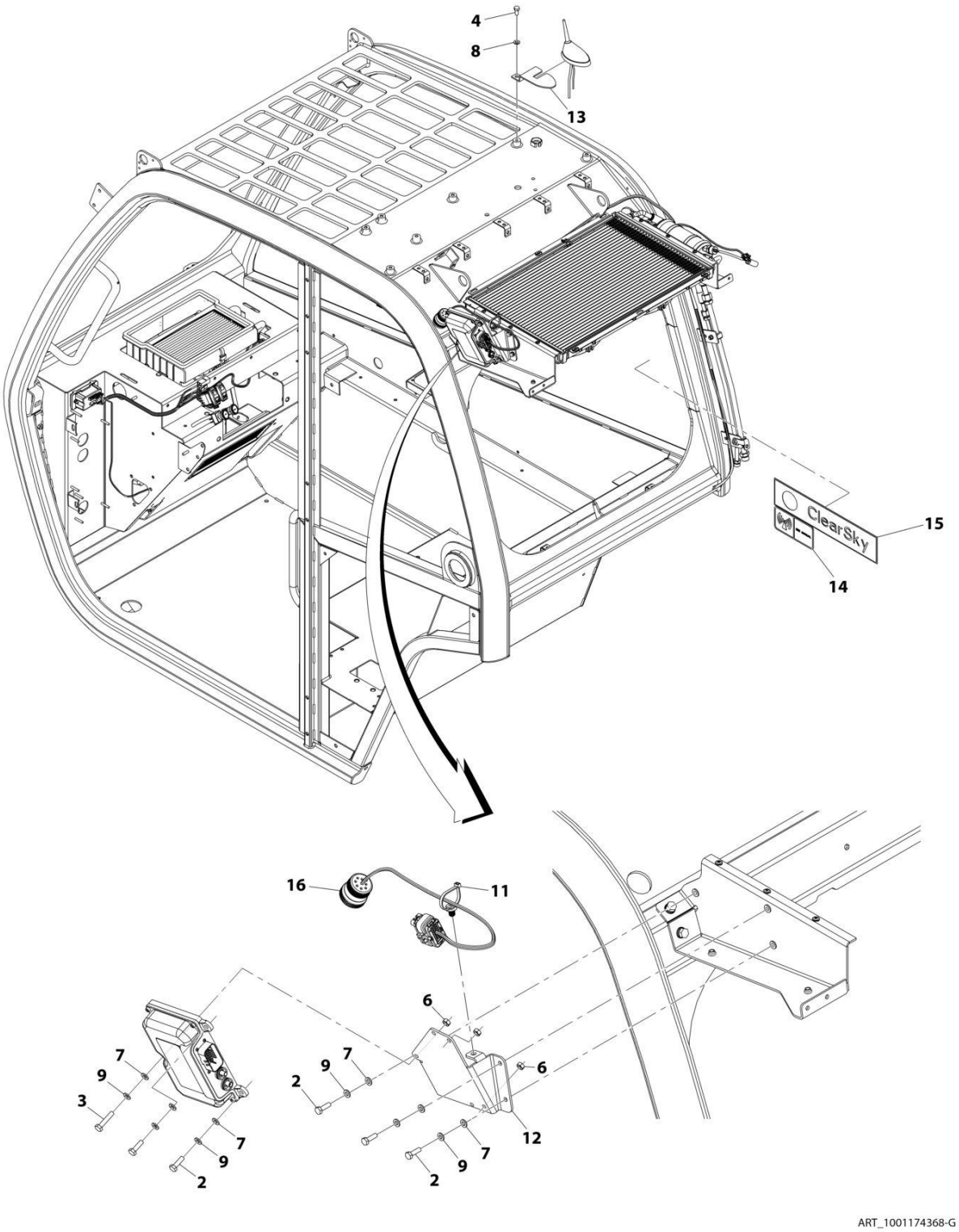


FIGURE 10-19. CLEARSKY INSTALLATION (A/C - LONG ROOF CAP) (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174368	Ref	Clearsky Installation (A/C - Long Roof Cap)	G
2	0700610	5	Bolt, M6X20	
3	0700614	1	Bolt, M6X30	
4	0760808	1	Bolt, M8X16	
6	3290601	3	Nut, M6X1 Grade 8	
7	4811700	6	Washer, M6	
8	4811900	1	Washer, M8	
9	4831700	6	Washer, Lock M6	
11	1001146588	1	Strap, Cable	
12	1001220947	1	Bracket	
13	1001174372	1	Bracket, Antenna	
14	1001120989	1	Decal, Radio Frequency	
15	1001116208	1	Decal, Clearsky	
16	1001196452	1	Harness, Clearsky (See Separate Breakdown in this Section)	

FIGURE 10-20. CLEARSKY INSTALLATION (A/C) (SN 1160008371 to Present)

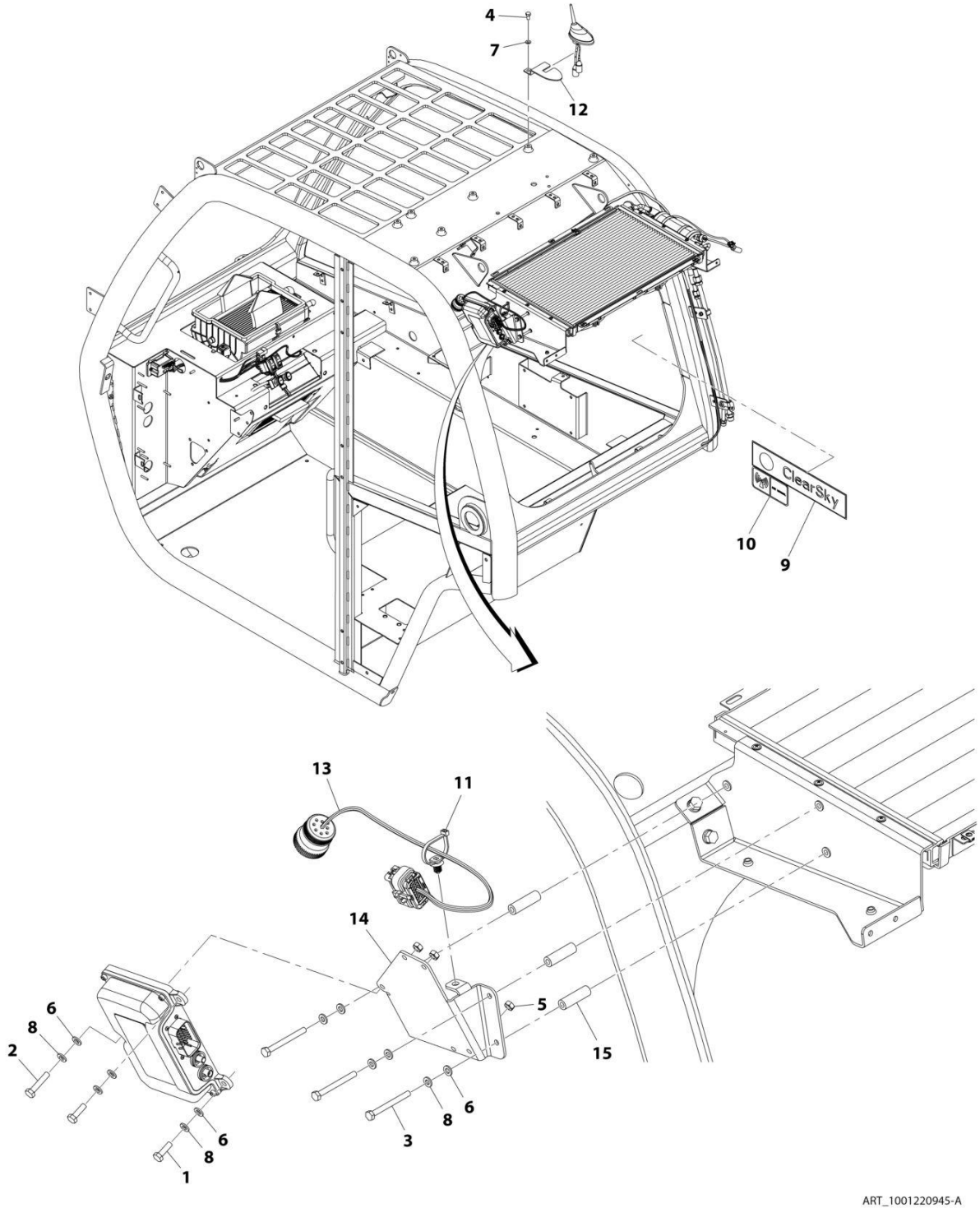


FIGURE 10-20. CLEARSKY INSTALLATION (A/C) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220945	Ref	Clearsky Installation (A/C)	A
1	0700610	2	Bolt, M6X20	
2	0700614	1	Bolt, M6X30	
3	0700620	3	Bolt, M6X60	
4	0760808	1	Bolt, M8X16	
5	3290601	3	Nut, M6X1 Grade 8	
6	4811700	6	Washer, M6	
7	4811900	1	Washer, M8	
8	4831700	6	Washer, Lock M6	
9	1001116208	1	Decal, Clearsky	
10	1001120989	1	Decal, Radio Frequency	
11	1001146588	1	Strap, Cable	
12	1001174372	1	Bracket, Antenna	
13	1001196452	1	Harness, Clearsky (See Separate Breakdown in this Section)	
14	1001220947	1	Bracket	
15	1001220948	3	Spacer	

FIGURE 10-21. CLEARSKY INSTALLATION (NO A/C - SHORT ROOF CAP)

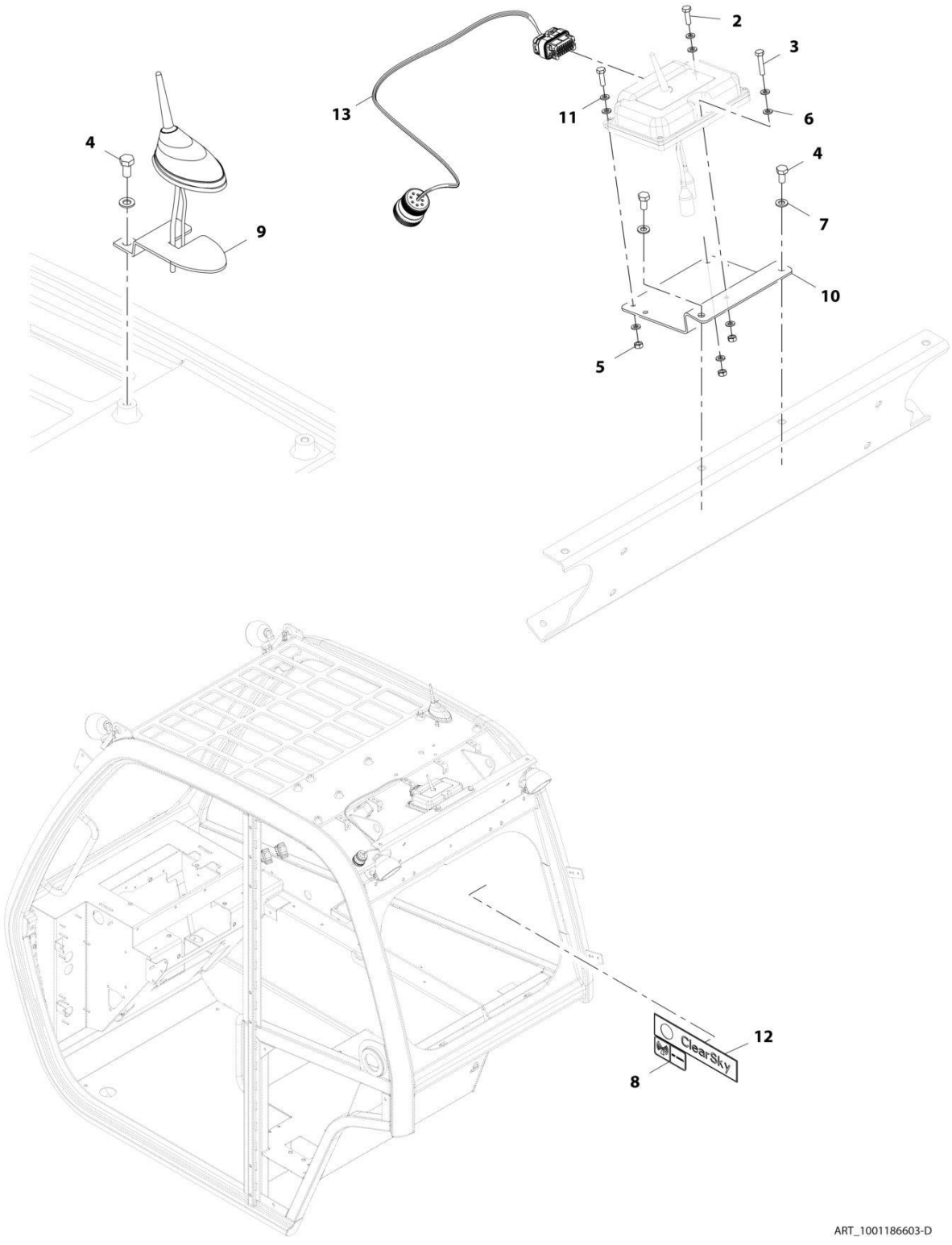


FIGURE 10-21. CLEARSKY INSTALLATION (NO A/C - SHORT ROOF CAP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186603	Ref	Clearsky Installation (No A/C - Short Roof Cap)	D
2	0700610	2	Bolt, M6X20	
3	0700614	1	Bolt, M6X30	
4	0760808	3	Bolt, M8X16	
5	3290601	3	Nut, M6X1 Grade 8	
6	4811700	6	Washer, M6	
7	4811900	3	Washer, M8	
8	1001120989	1	Decal, Radio Frequency	
9	1001174372	1	Bracket, Antenna	
10	1001185722	1	Bracket	
11	4831700	3	Washer, Lock M6	
12	1001116208	1	Decal, Clearsky	
13	1001196452	1	Harness, Clearsky (See Separate Breakdown in this Section)	

FIGURE 10-22. TELEMATICS CAP INSTALLATION

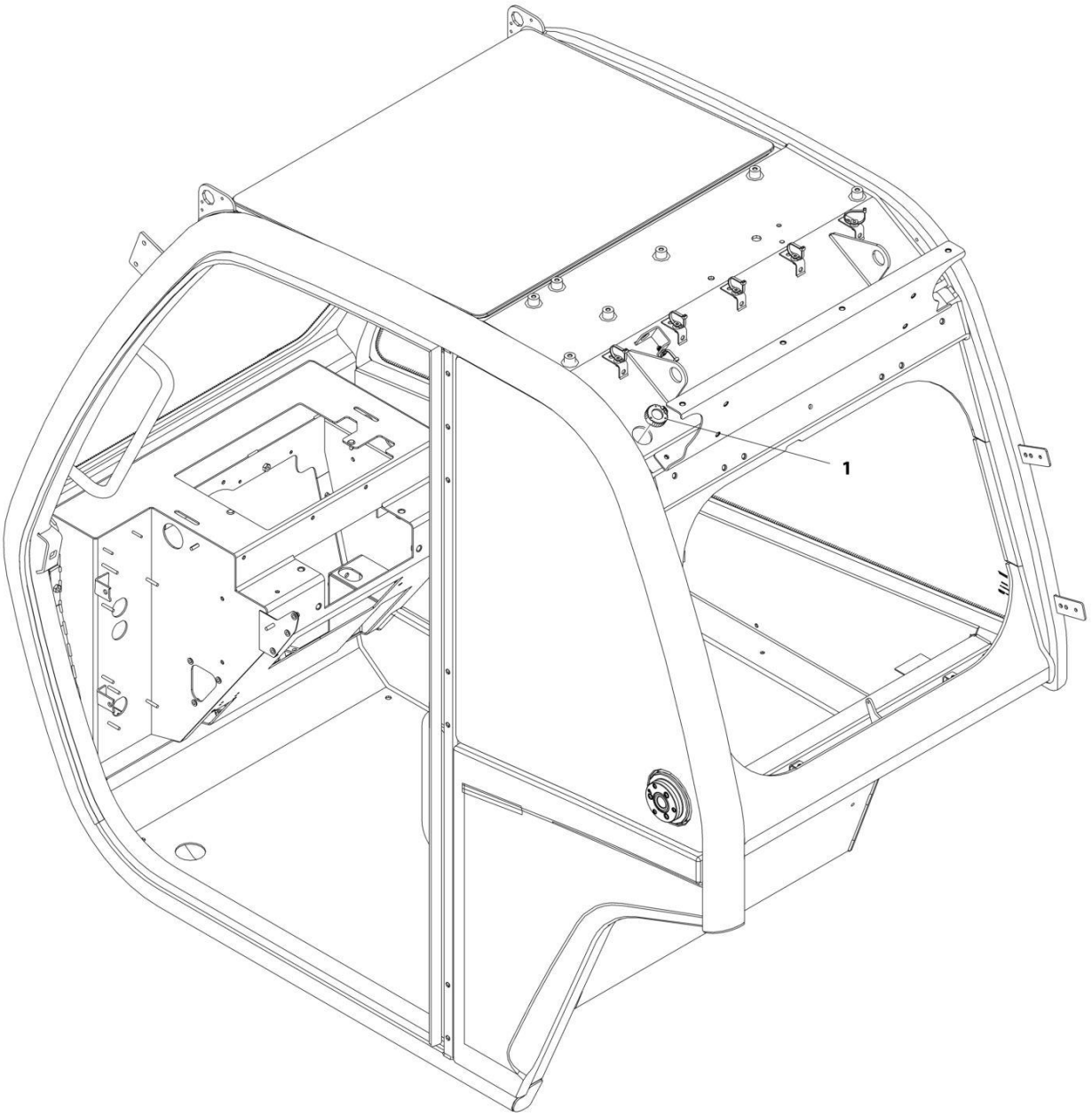


FIGURE 10-22. TELEMATICS CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201161	Ref	Telematics Cap Installation	A
1	1001201162	1	Cap	

FIGURE 10-23. HORN INSTALLATION

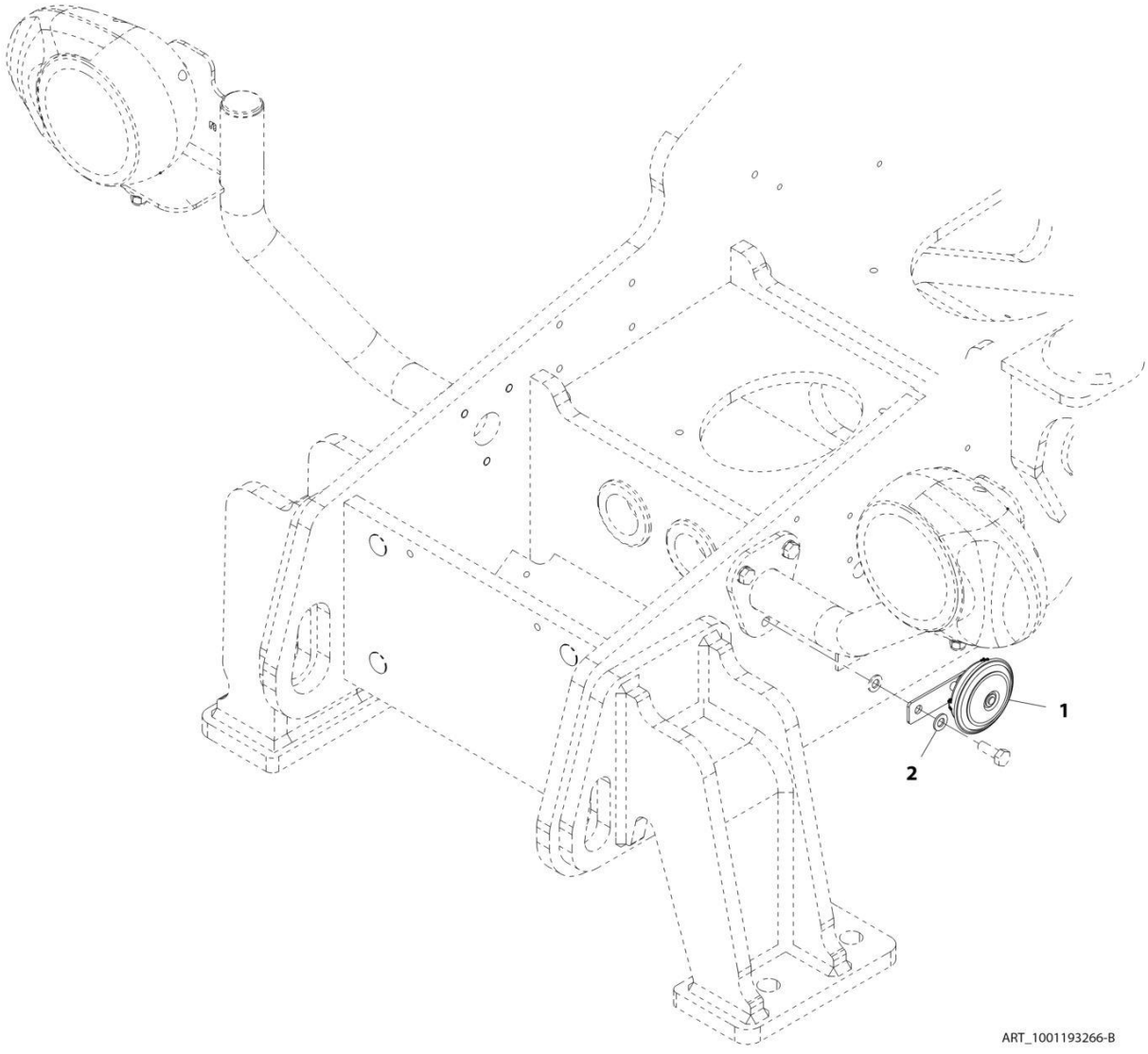


FIGURE 10-23. HORN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193266	Ref	Horn Installation	B
1	1001003596	1	Horn	
2	4812000	1	Washer, M10	

FIGURE 10-24. REVERSE ALARM INSTALLATION

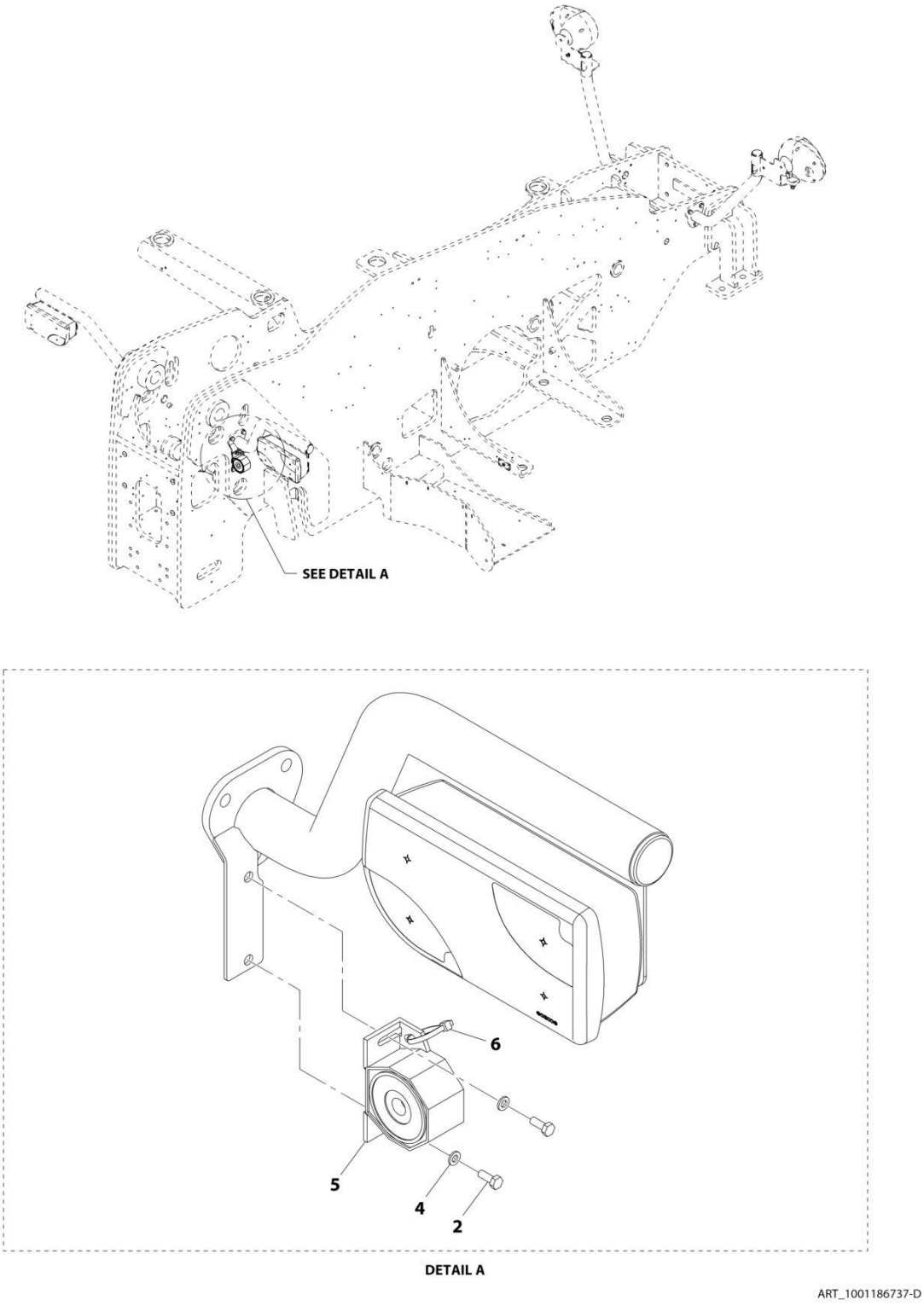


FIGURE 10-24. REVERSE ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186737	Ref	Reverse Alarm Installation	D
2	0760608	2	Bolt, M6X16	
4	4811700	2	Washer, M6	
5	1001147060	1	Alarm, Back-Up	
6	1001008559	1	Strap, Cable	

FIGURE 10-25. DIP LIGHTS INSTALLATION (RHD)

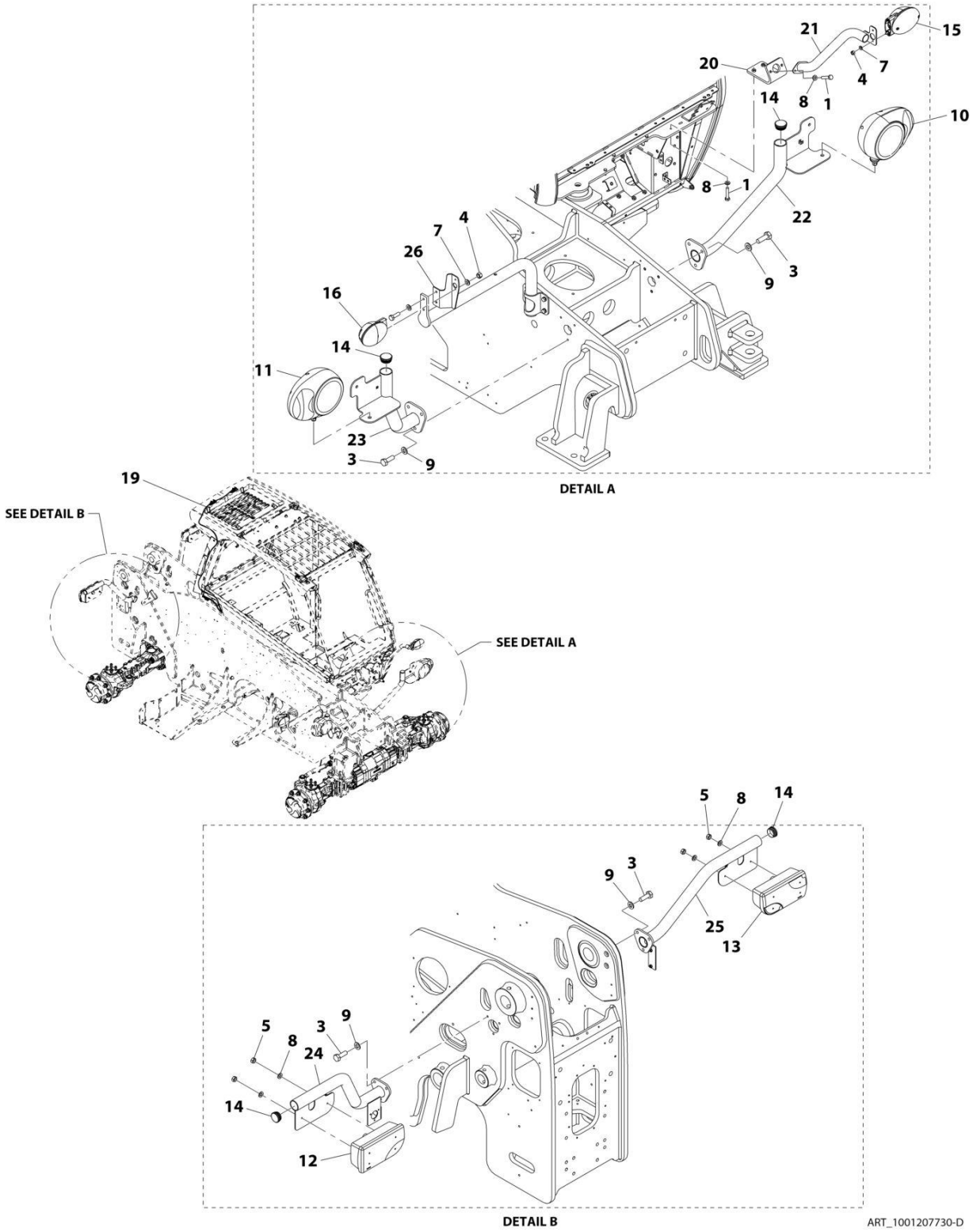


FIGURE 10-25. DIP LIGHTS INSTALLATION (RHD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207730	Ref	Dip Lights Installation (RHD)	D
1	0760612	4	Bolt, M6X25	
3	0701014	12	Bolt, M10X30	
4	3290501	4	Nut, M5X0.8 Grade 8	
5	3290601	4	Nut, M6X1 Grade 8	
7	4811600	4	Washer, M5	
8	4811700	8	Washer, M6	
9	4812000	12	Washer, M10	
10	2920208	1	Light, Driving (RHD - RH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
11	2920207	1	Light, Driving (RHD - LH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
12	1001091715	1	Lamp, Rear (LH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
13	1001091716	1	Lamp, Rear (RH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
14	1001096913	4	Cap, Lamp Bracket	
15	1001105167	1	Sidelight (LH)	
16	1001105168	1	Sidelight (RH)	
19	1001189569	Ref	Installation , License Plate Lamp (See Separate Breakdown in this Section)	
20	1001197015	1	Mount	
21	1001215773	1	Bracket, Direction Indicator	
22	1001207699	1	Bracket, Light Mount LH	
23	1001207700	1	Bracket, Light Mount RH	
24	1001207701	1	Bracket, Rear Light LH	
25	1001219678	1	Bracket, Rear Light RH	
26	1001215756	1	Bracket, Light	

FIGURE 10-26. DIP LIGHTS INSTALLATION (LHD)

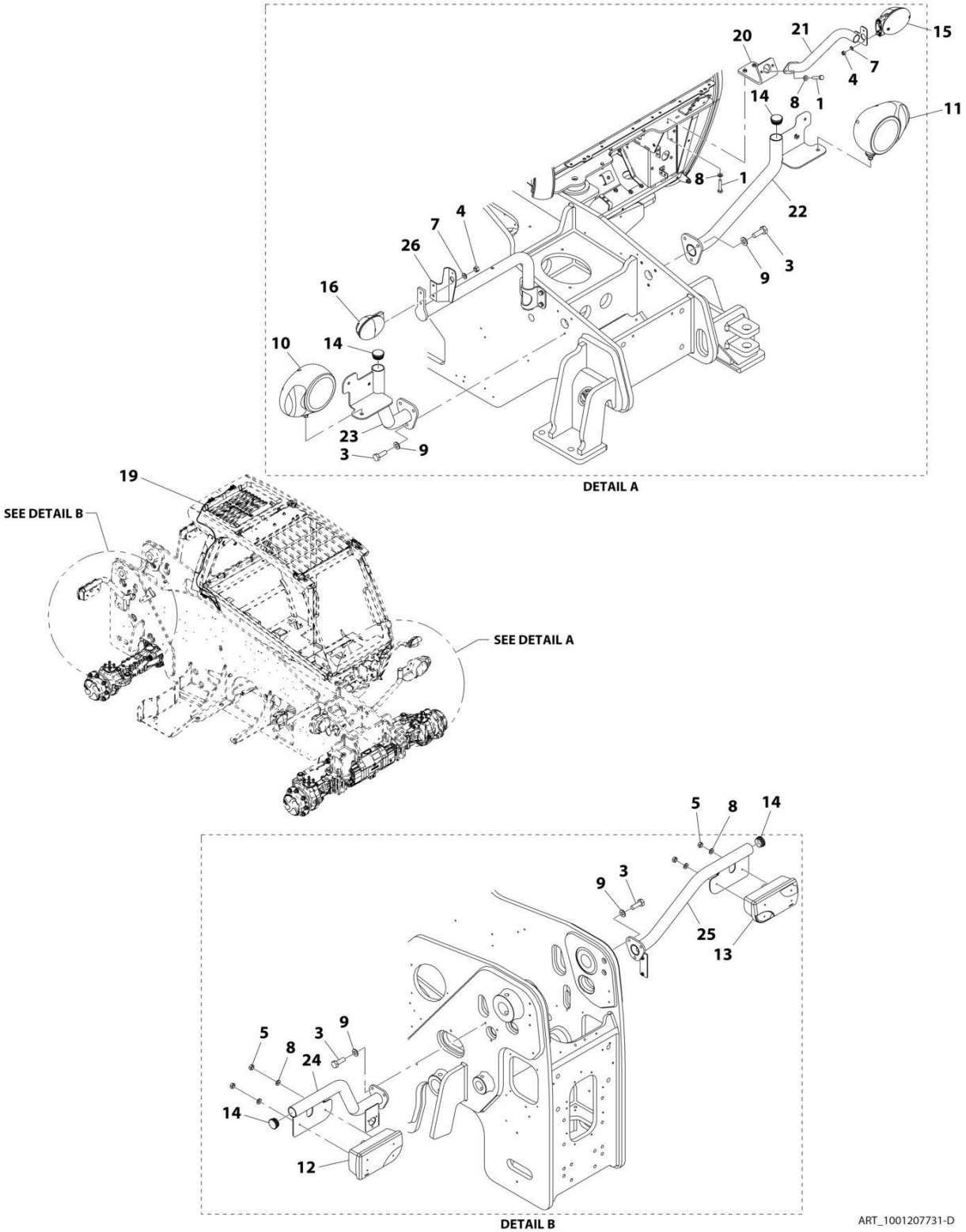


FIGURE 10-26. DIP LIGHTS INSTALLATION (LHD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207731	Ref	Dip Lights Installation (LHD)	D
1	0760612	4	Bolt, M6X25	
3	0701014	12	Bolt, M10X30	
4	3290501	4	Nut, M5X0.8 Grade 8	
5	3290601	4	Nut, M6X1 Grade 8	
7	4811600	4	Washer, M5	
8	4811700	8	Washer, M6	
9	4812000	12	Washer, M10	
10	1001002778	1	Light, Driving (LHD - RH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
11	1001002779	1	Light, Driving (LHD - LH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
12	1001091715	1	Lamp, Rear (LH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
13	1001091716	1	Lamp, Rear (RH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
14	1001096913	4	Cap, Lamp Bracket	
15	1001105167	1	Sidelight (LH)	
16	1001105168	1	Sidelight (RH)	
19	1001189569	Ref	Installation , License Plate Lamp (See Separate Breakdown in this Section)	
20	1001197015	1	Mount	
21	1001215773	1	Bracket, Direction Indicator	
22	1001207699	1	Bracket, Light Mount LH	
23	1001207700	1	Bracket, Light Mount RH	
24	1001207701	1	Bracket, Rear Light LH	
25	1001219678	1	Bracket, Rear Light RH	
26	1001215756	1	Bracket, Light	

FIGURE 10-27. LICENSE PLATE LAMP INSTALLATION

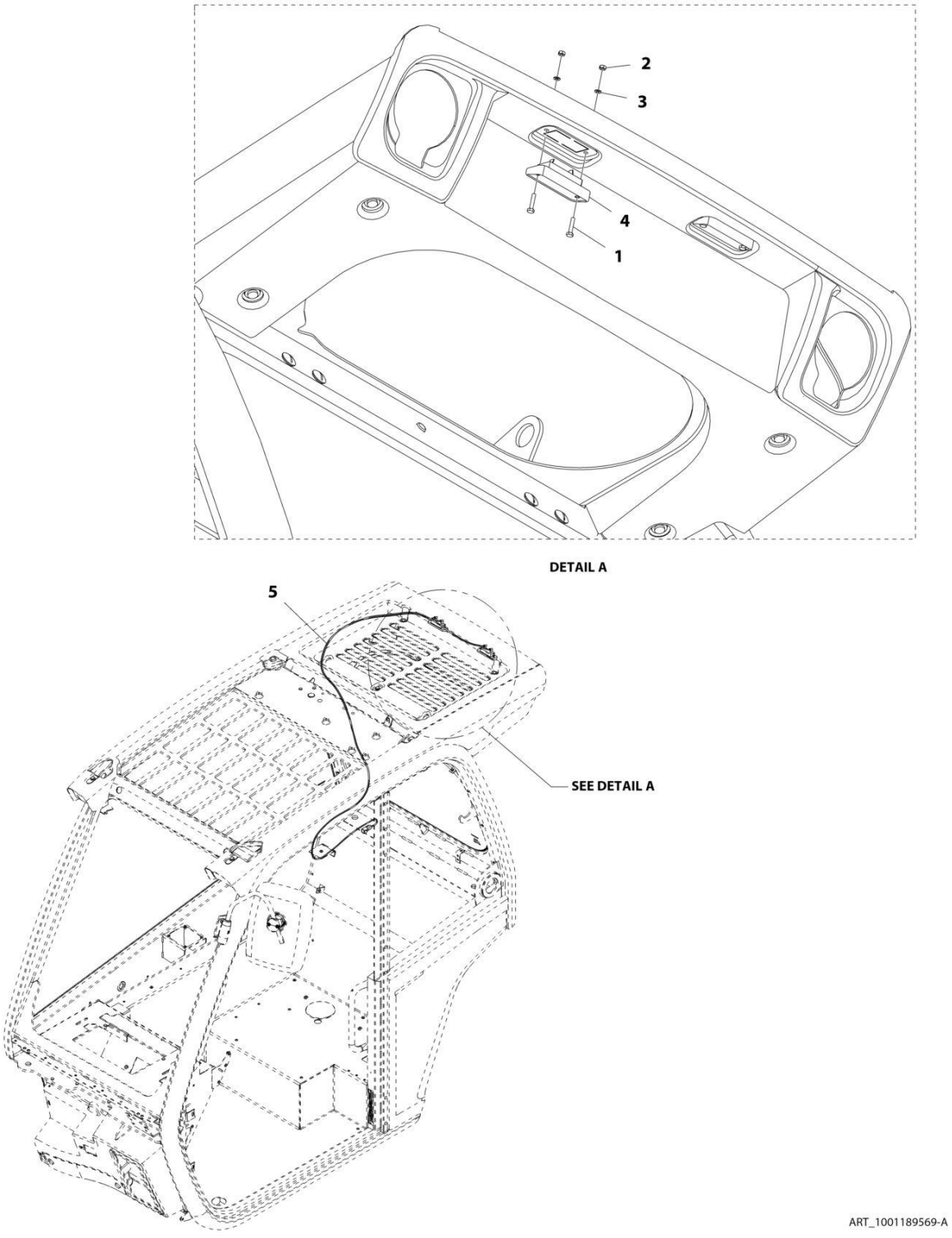


FIGURE 10-27. LICENSE PLATE LAMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189569	Ref	License Plate Lamp Installation	A
1	0760410	4	Bolt, M4X20	
2	3290401	4	Nut, M4X0.7 Grade 8	
3	4831400	4	Washer, Lock M4	
4	1001173829	2	Lamp, License Plate	
5	1001178053	1	Harness, License Light (See Separate Breakdown in this Section)	

FIGURE 10-28. CAB WORKLIGHTS INSTALLATION (NO A/C)

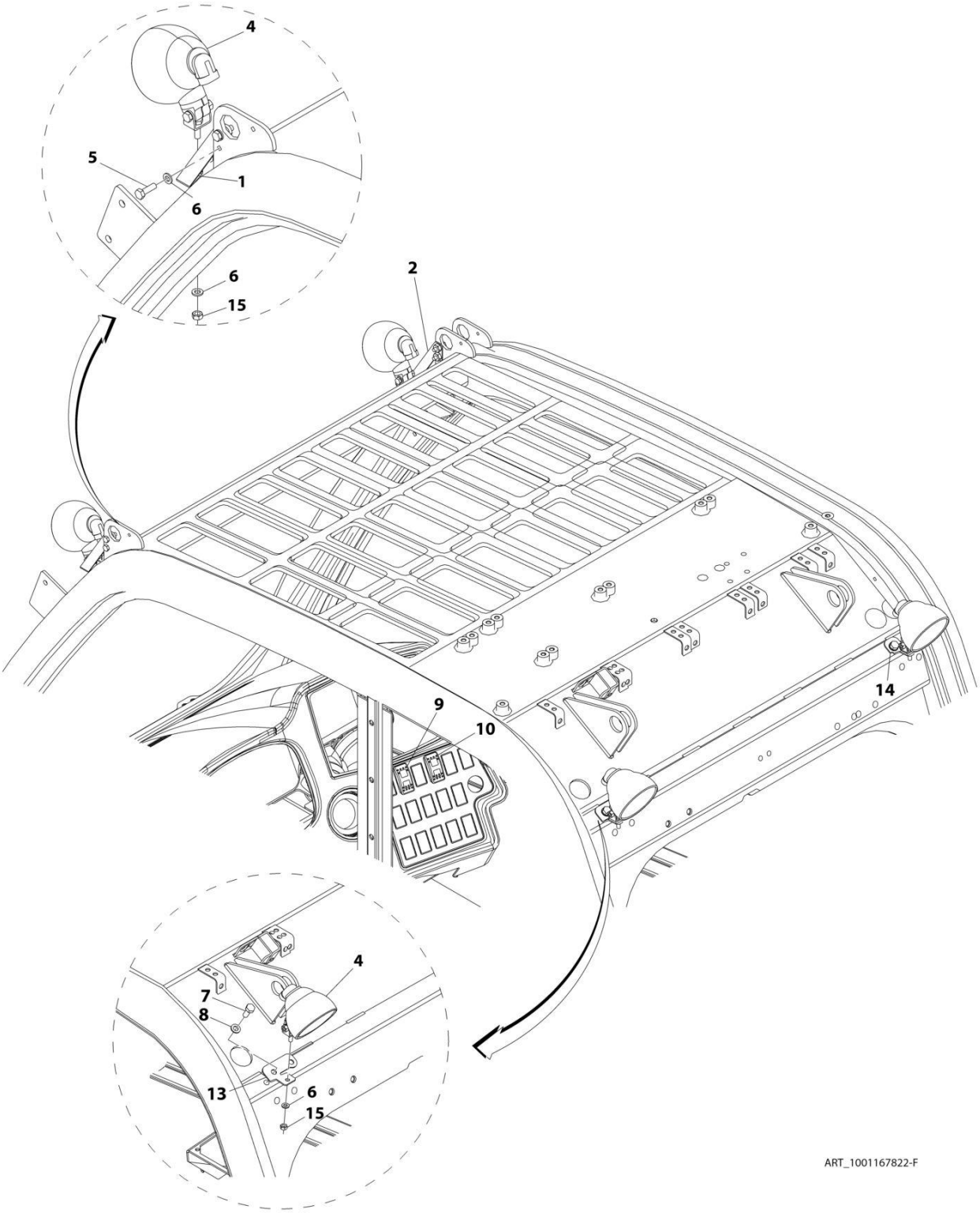


FIGURE 10-28. CAB WORKLIGHTS INSTALLATION (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167822	Ref	Cab Worklights Installation (No A/C)	F
1	1001186567	1	Bracket, Work Light LH	
2	1001186565	1	Bracket, Work Light RH	
4	2920206	4	Worklight	
5	0700610	4	Bolt, M6X20	
6	4811700	8	Washer, M6	
7	0760810	2	Bolt, M8X20	
8	4811900	2	Washer, M8	
9	1001159845	1	Switch, Front Worklights	
10	1001159846	1	Switch, Rear Worklights	
13	1001183888	1	Bracket, Work Light LH	
14	1001183890	1	Bracket, Work Light RH	
15	3290601	4	Nut, M6X1 Grade 8	

FIGURE 10-29. CAB WORKLIGHTS INSTALLATION (A/C)

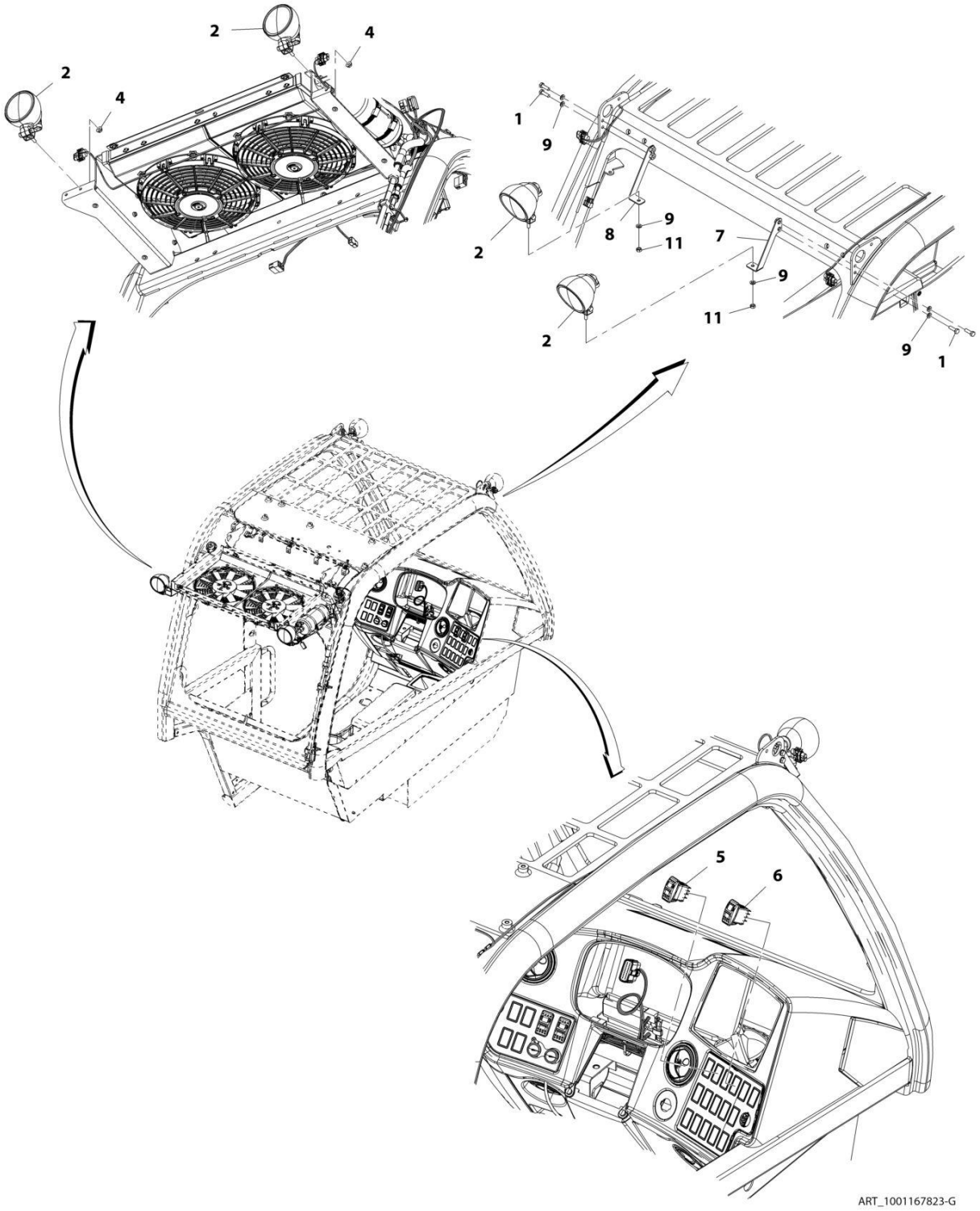
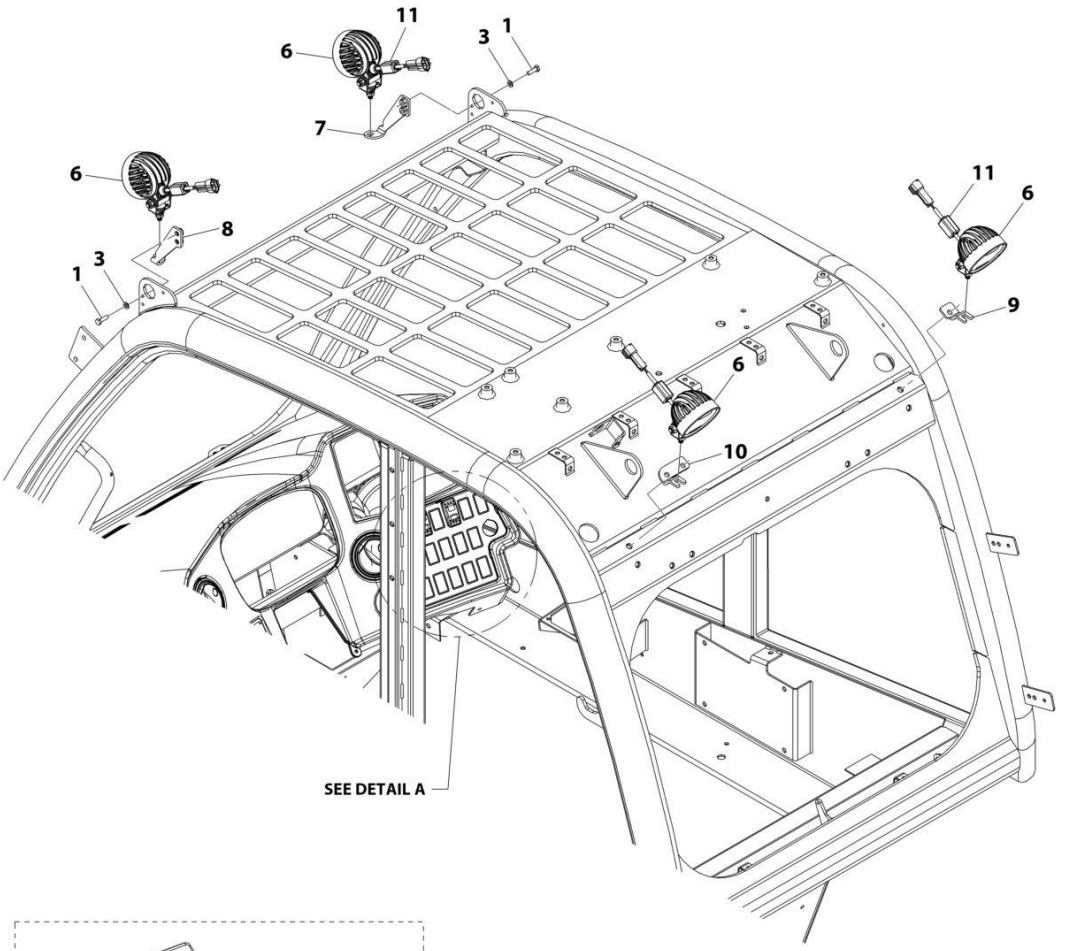
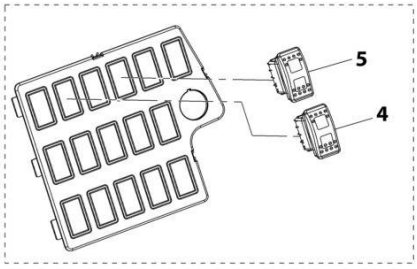


FIGURE 10-29. CAB WORKLIGHTS INSTALLATION (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167823	Ref	Cab Worklights Installation (A/C)	G
1	0700610	4	Bolt, M6X20	
2	2920206	4	Worklight	
4	5220600	2	Nut, M6	
5	1001159845	1	Switch, Front Worklights	
6	1001159846	1	Switch, Rear Worklights	
7	1001186567	1	Bracket, Work Light LH	
8	1001186565	1	Bracket, Work Light RH	
9	4811700	6	Washer, M6	
11	3290601	2	Nut, M6X1 Grade 8	

FIGURE 10-30. CAB WORKLIGHT INSTALLATION (NO A/C - LED)





DETAIL A

ART_1001200538-D

FIGURE 10-30. CAB WORKLIGHT INSTALLATION (NO A/C - LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200538	Ref	Cab Worklights Installation (No A/C - LED)	D
1	0700610	4	Bolt, M6X20	
3	4811700	4	Washer, M6	
4	1001159845	1	Switch, Front Worklights	
5	1001159846	1	Switch, Rear Worklights	
6	1001203640	4	Lamp, LED Work Light	
7	1001244193	1	Support, LED Work Light RH	
8	1001244192	1	Support, LED Work Light LH	
9	1001204528	1	Support, LED Work Light RH	
10	1001204530	1	Support, LED Work Light LH	
11	1001228989	4	Harness, Ferrite	

FIGURE 10-31. CAB WORKLIGHT INSTALLATION (A/C - LED)

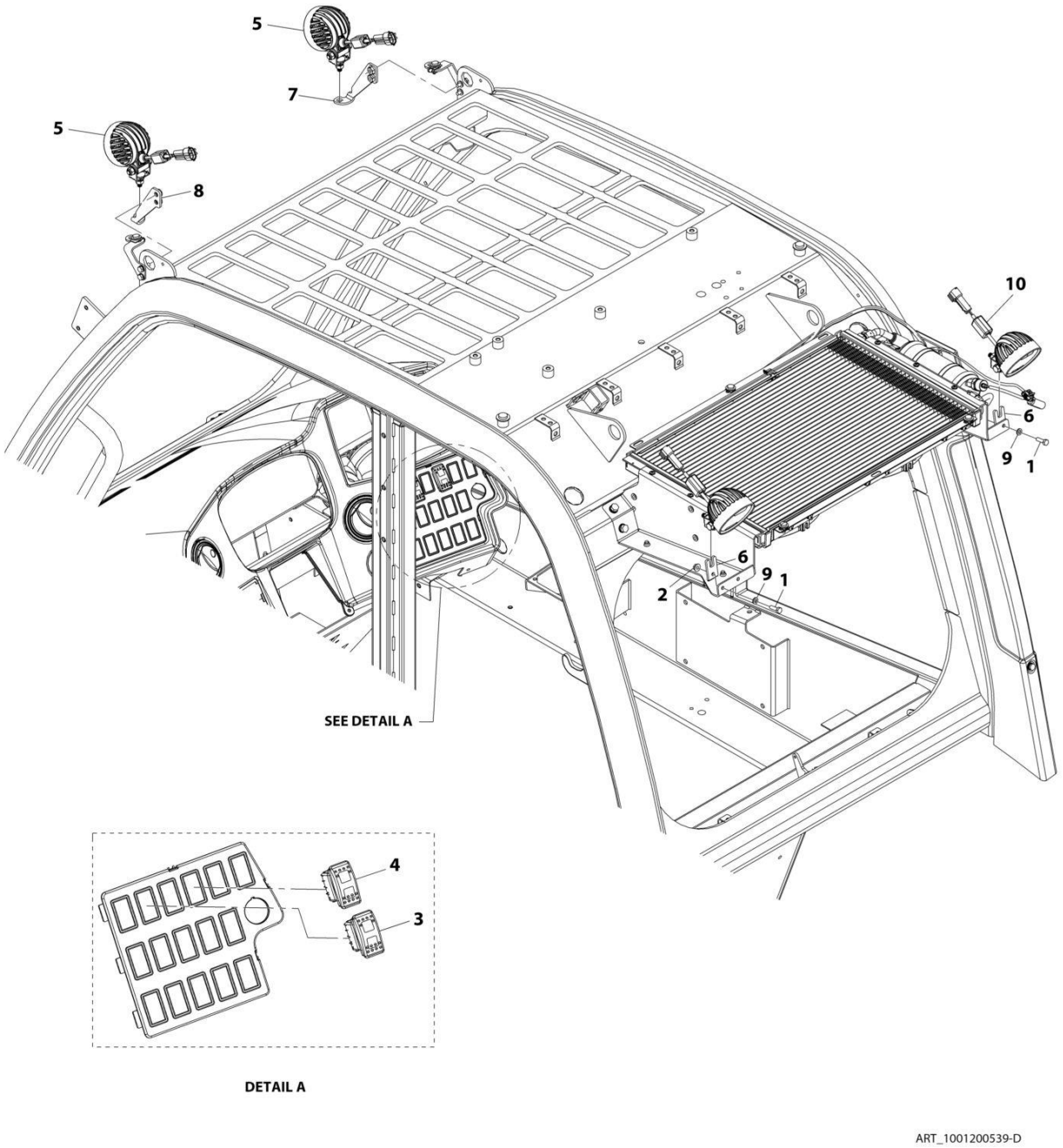
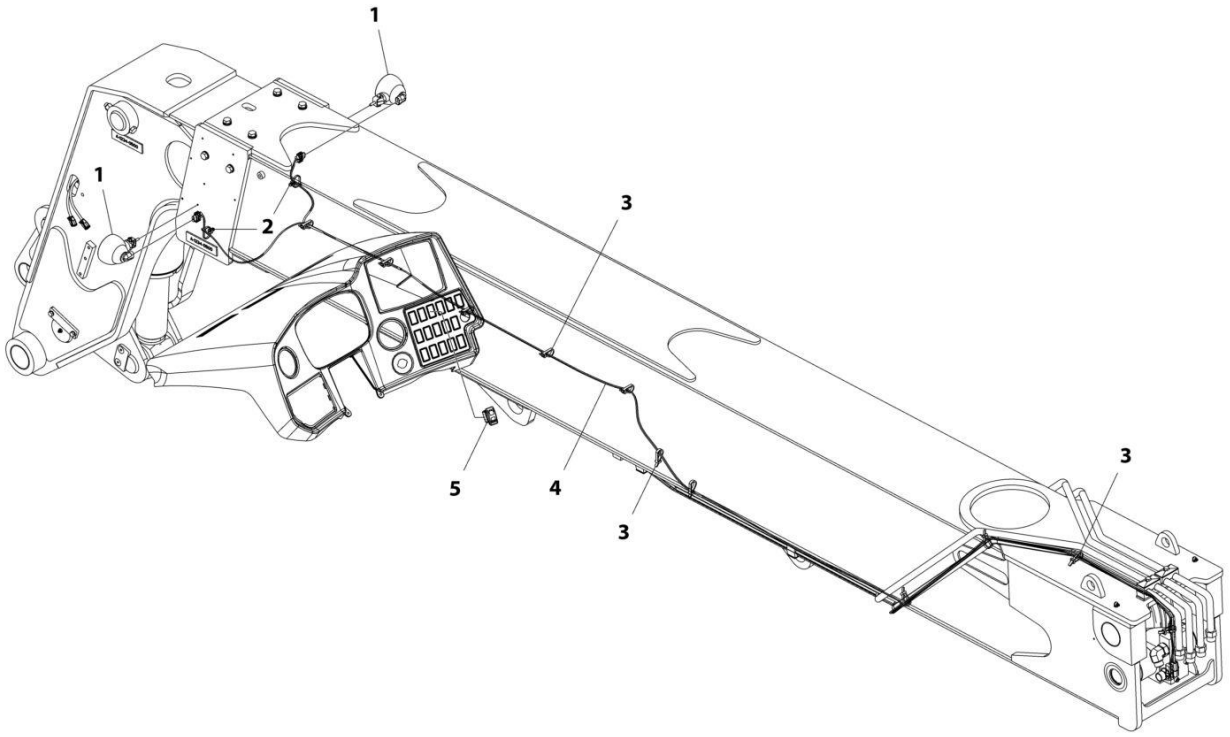


FIGURE 10-31. CAB WORKLIGHT INSTALLATION (A/C - LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200539	Ref	Cab Worklights Installation (A/C - LED)	D
1	0700610	2	Bolt, M6X20	
2	5220600	2	Nut, M6	
3	1001159845	1	Switch, Front Worklights	
4	1001159846	1	Switch, Rear Worklights	
5	1001203640	4	Lamp, LED Work Light	
6	1001204060	2	Bracket	
7	1001244193	1	Support, LED Work Light RH	
8	1001244192	1	Support, LED Work Light LH	
9	4811700	2	Washer, M6	
10	1001228989	4	Harness, Ferrite	

FIGURE 10-32. BOOM WORKLIGHTS INSTALLATION



ART_1001180529

FIGURE 10-32. BOOM WORKLIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180529	Ref	Boom Worklights Installation	D
1	2920206	2	Worklight	
2	1001146588	2	Strap, Cable	
3	1001008923	11	Strap, Cable	
4	1001183297	1	Harness, Boom Worklights (See Separate Breakdown in this Section)	
5	1001159739	1	Switch, Boom Worklights	

FIGURE 10-33. BOOM LED WORKLIGHTS INSTALLATION

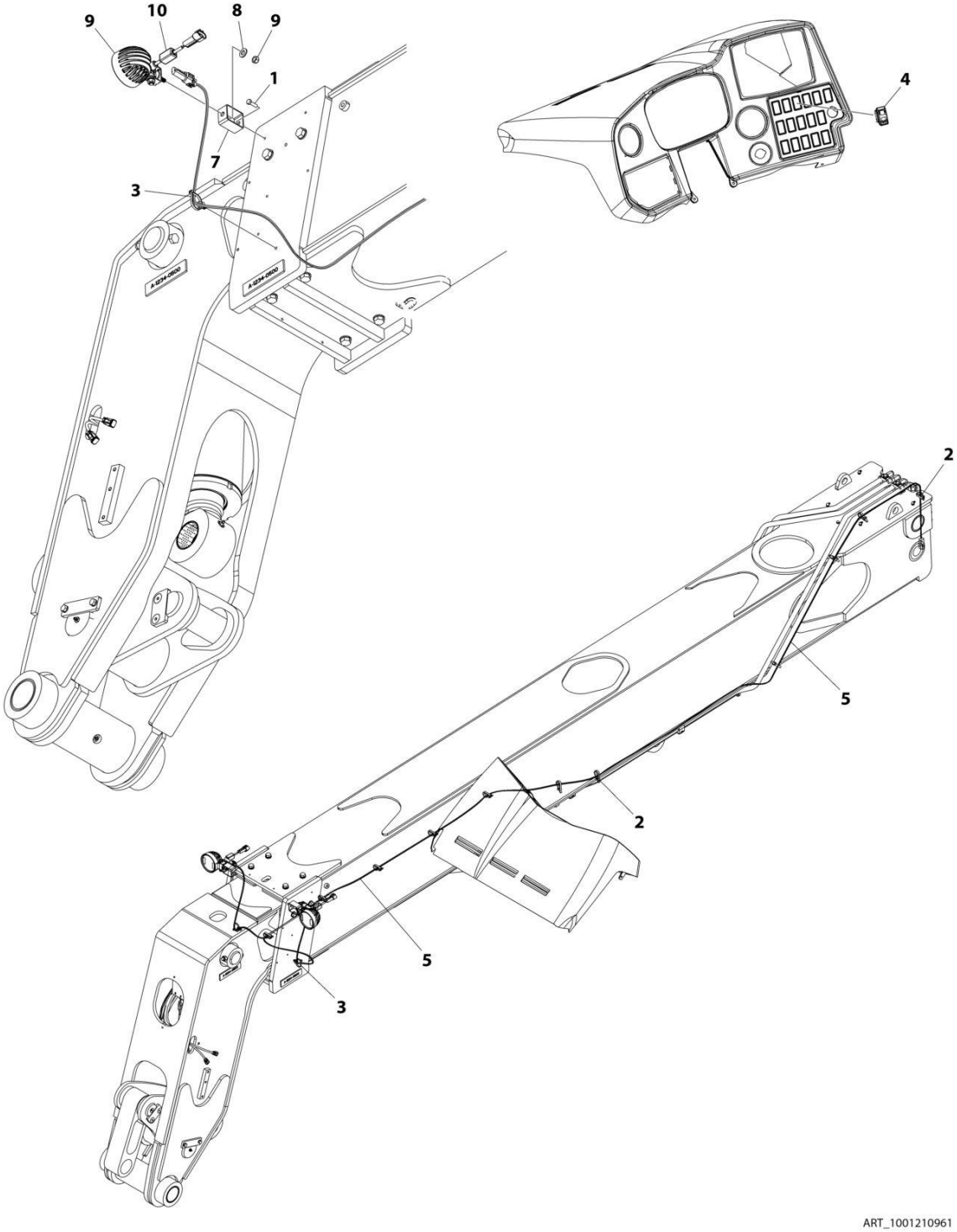


FIGURE 10-33. BOOM LED WORKLIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210961	Ref	Boom LED Worklights Installation	D
1	0760610	2	Bolt, M6X20	
2	1001008923	11	Strap, Cable	
3	1001146588	2	Strap, Tie	
4	1001159739	1	Switch, Boom Worklights	
5	1001183297	1	Harness, Boom Worklights (See Separate Breakdown in this Section)	
7	1001210962	2	Bracket	
8	4812000	2	Washer, M10	
9	1001203640	2	Lamp, LED Worklights	
10	1001228989	2	Harness, Ferrite	

FIGURE 10-34. BEACON BRACKET INSTALLATION (Prior to SN 1160008371)

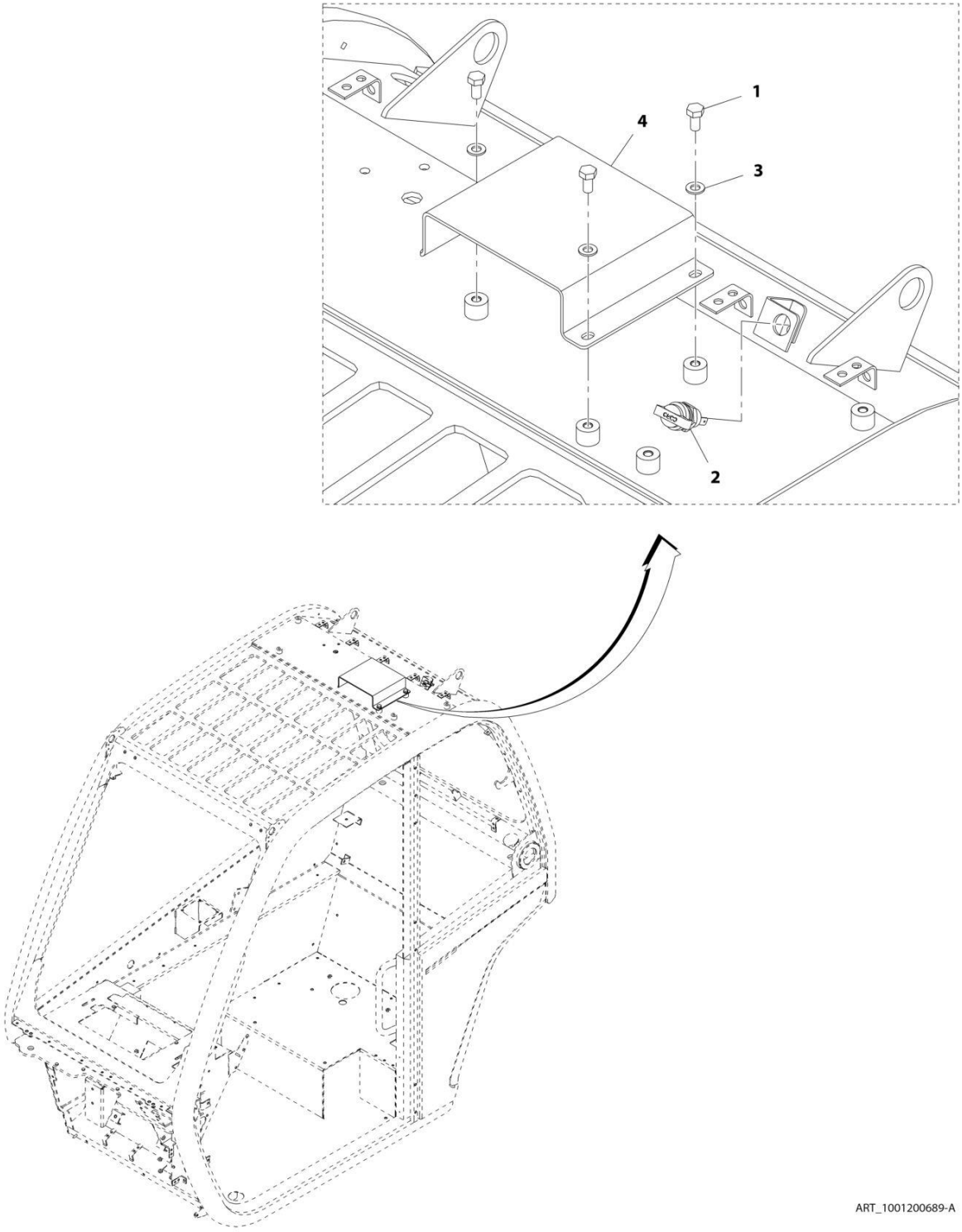


FIGURE 10-34. BEACON BRACKET INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200689	Ref	Beacon Bracket Installation	A
1	0760808	3	Bolt, M8X16	
2	4461174	1	Terminal, 12 Volt	
3	4811900	3	Washer, M8	
4	1001174796	1	Bracket, Beacon	

FIGURE 10-35. BEACON BRACKET INSTALLATION (AG) (SN 1160008371 to Present)

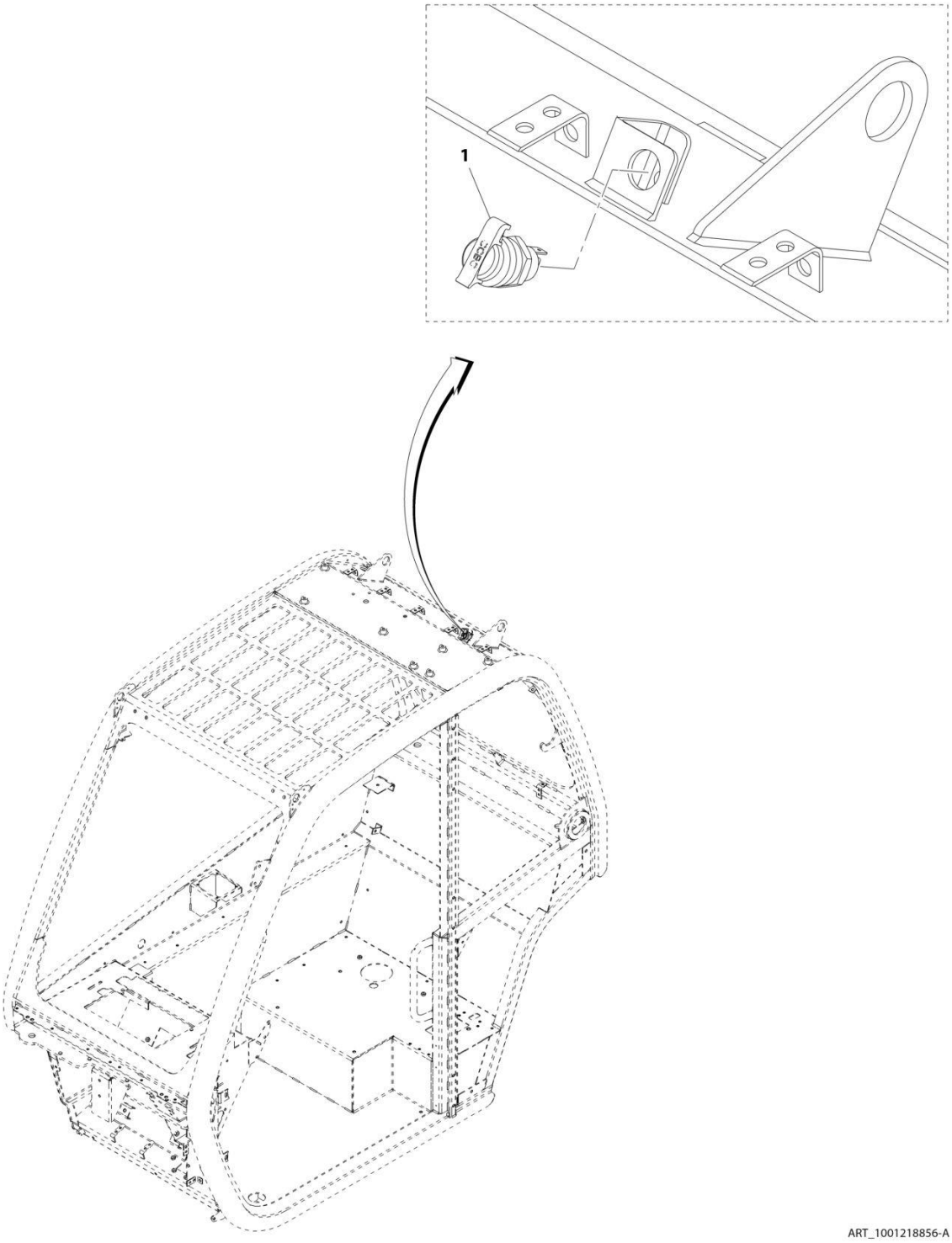


FIGURE 10-35. BEACON BRACKET INSTALLATION (AG) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218856	Ref	Beacon Bracket Installation	A
1	4461174	1	Plug, 12V Power	

FIGURE 10-36. BEACON LIGHT INSTALLATION

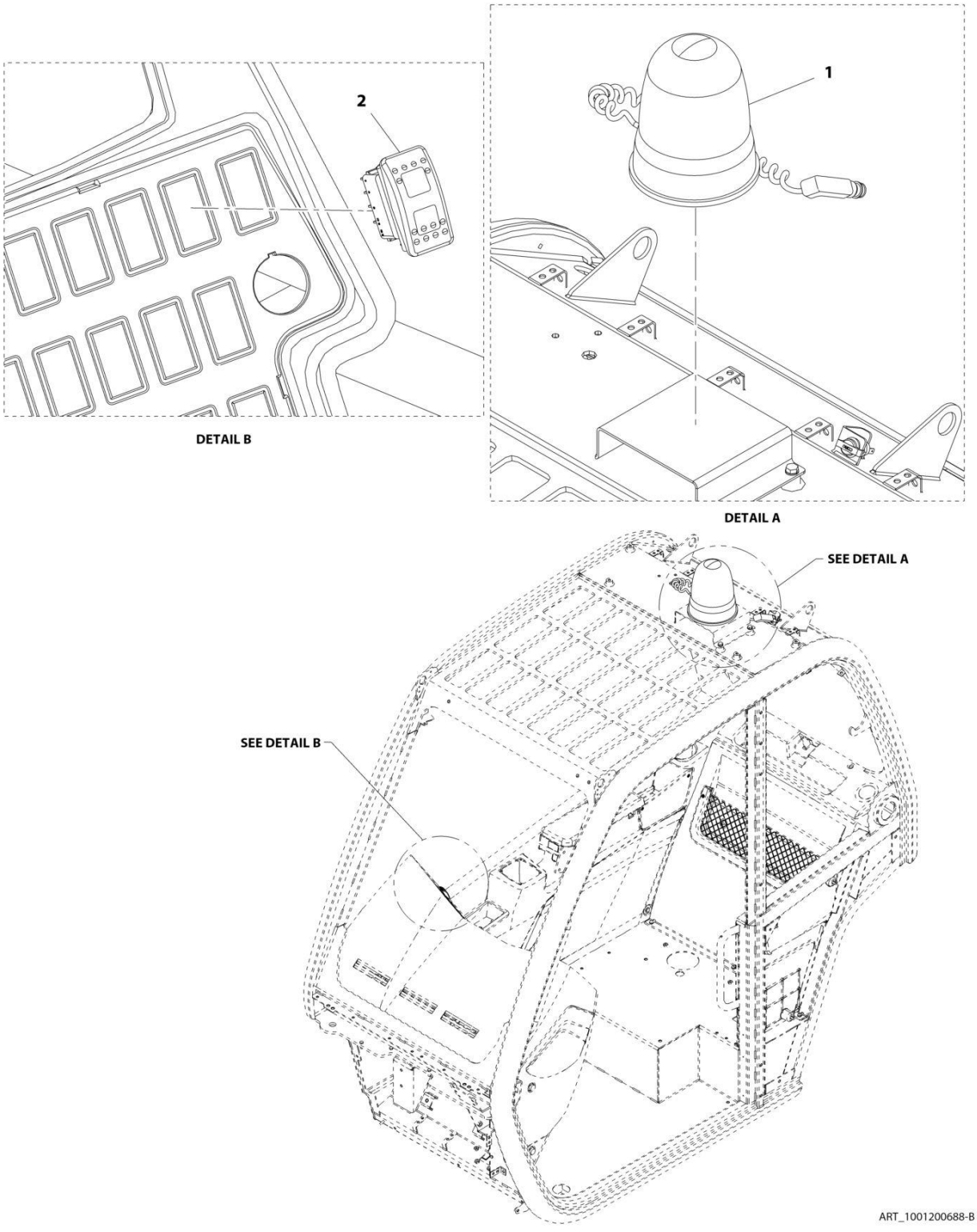
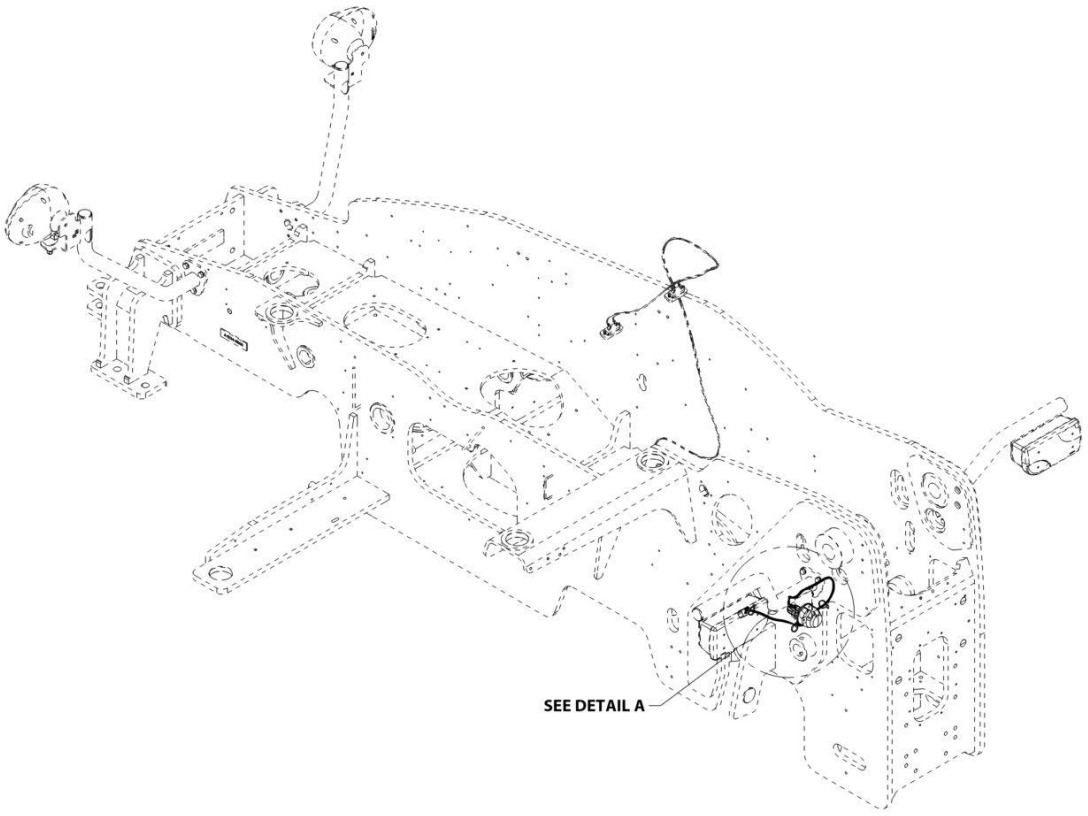
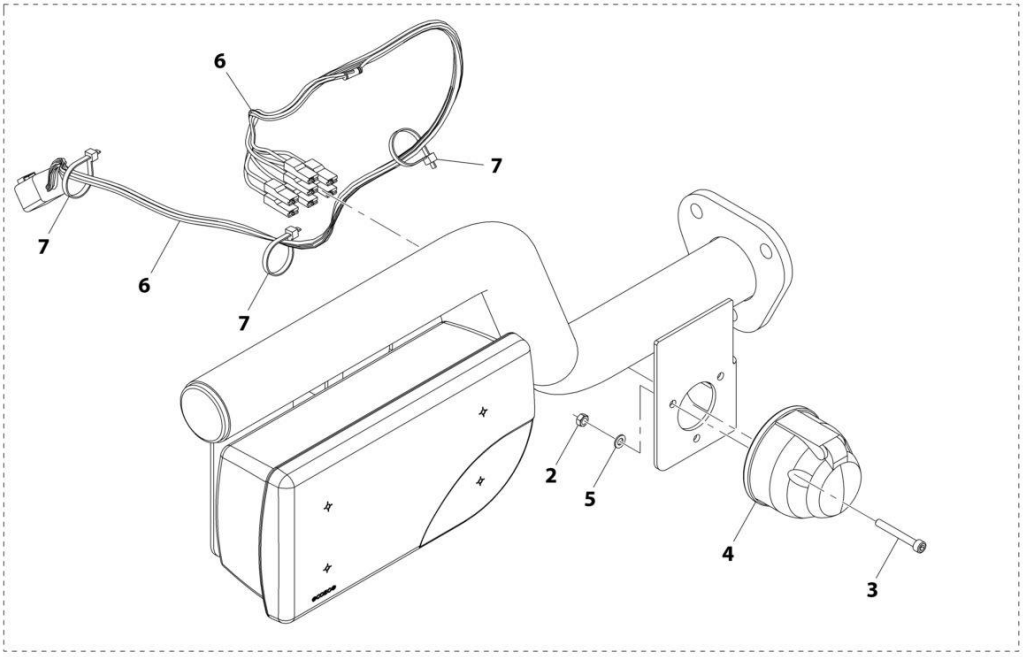


FIGURE 10-36. BEACON LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200688	Ref	BEACON LIGHT INSTALLATION	B
1	1001217623	1	Light, Warning	
2	1001159738	1	Switch, Beacon	

FIGURE 10-37. TRAILER ELECTRICS INSTALLATION





DETAIL A

ART_1001179146-C

FIGURE 10-37. TRAILER ELECTRICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179146	Ref	Trailer Electrics Installation	C
2	3290501	3	Nut, M5X0.8 Grade 8	
3	4031612	3	Bolt, M5X40	
4	4461170	1	Connector, 7 Pin Trailer	
5	4811600	3	Washer, M5	
6	1001184839	1	Harness, Link Trailer (See Separate Breakdown in this Section)	
7	1001008559	3	Strap, Cable	

FIGURE 10-38. MULTIFUNCTION DISPLAY INSTALLATION

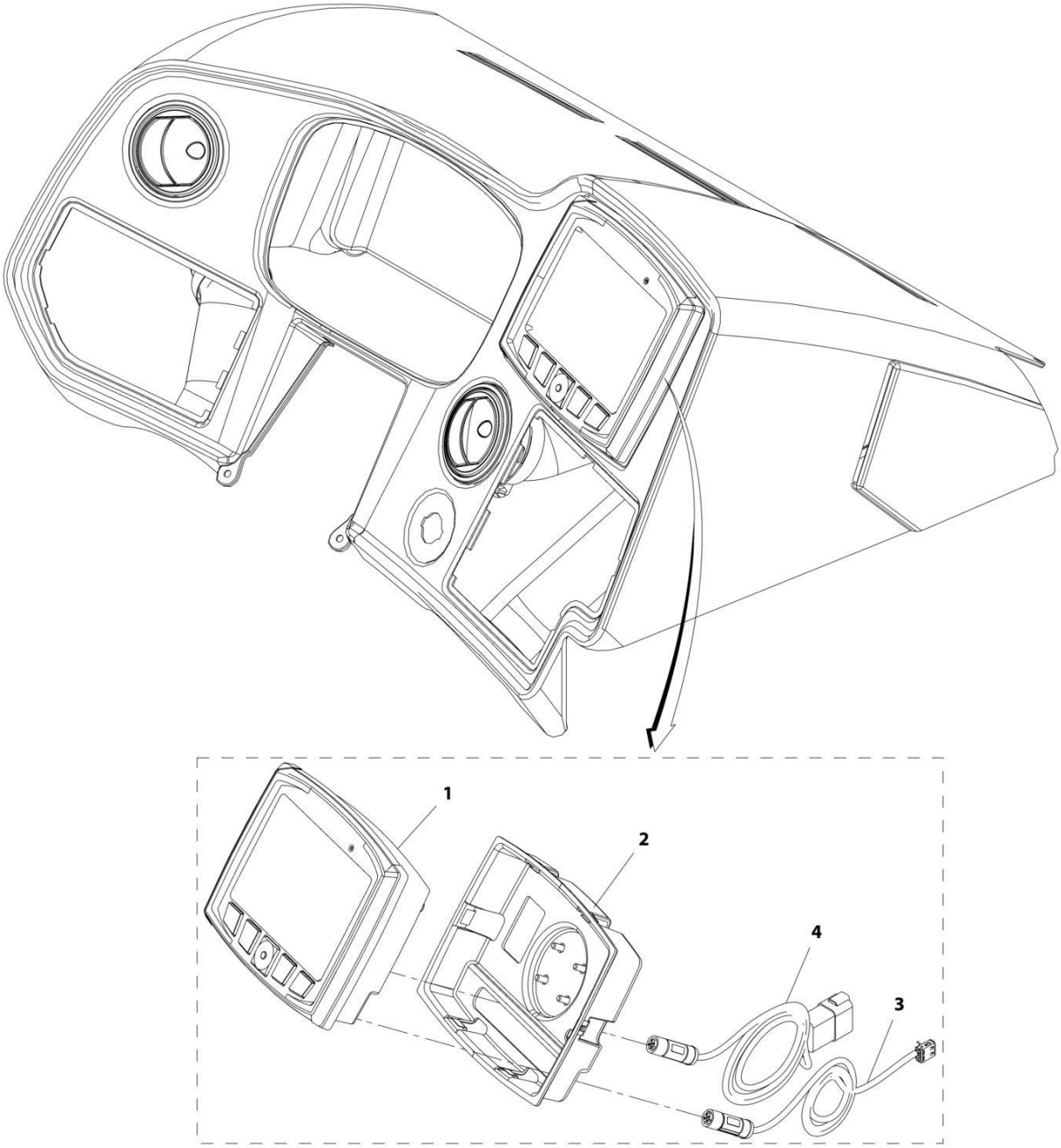
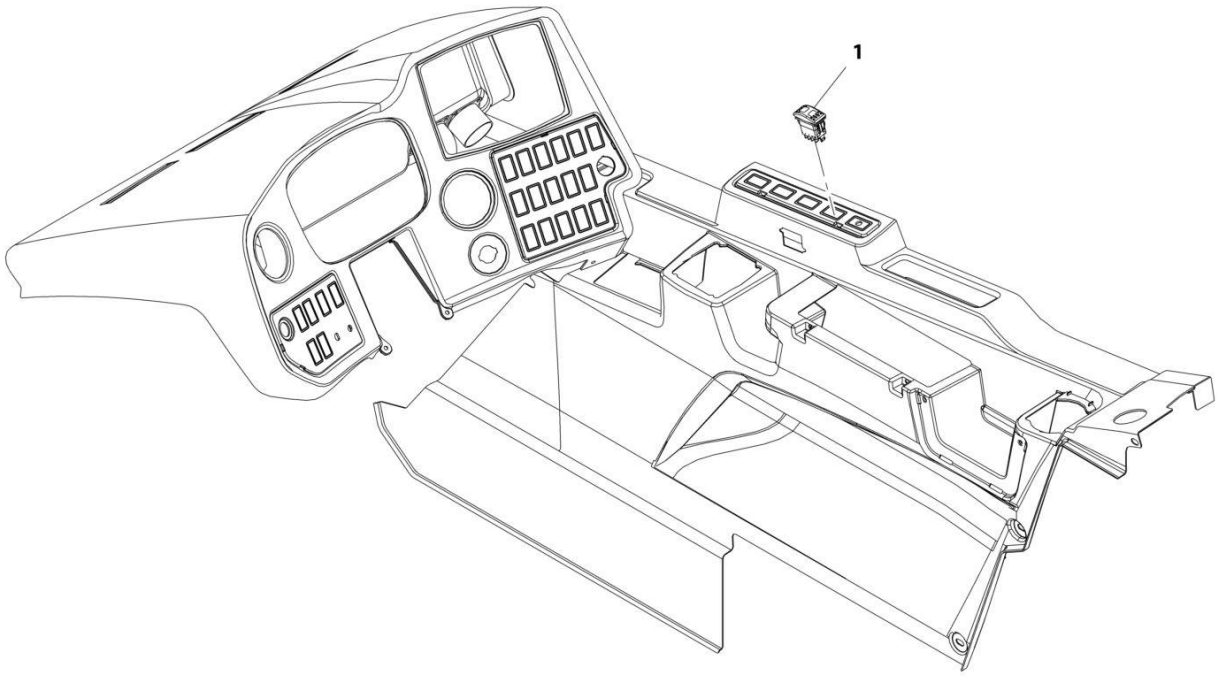


FIGURE 10-38. MULTIFUNCTION DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176338	Ref	Multifunction Display Installation	B
1	1001211357	1	Display	
2	1001178783	1	Bezel	
3	1001180682	1	Cable, Display Programming	
4	1001180683	1	Cable, Display Video	

FIGURE 10-39. ENGINE SPEED SET SWITCH INSTALLATION



ART_1001197639-B

FIGURE 10-39. ENGINE SPEED SET SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197639	1	Engine Speed Set Switch Installation	B
1	1001198932	1	Switch, Engine Speed Set	

FIGURE 10-40. IGNITION SWITCH INSTALLATION

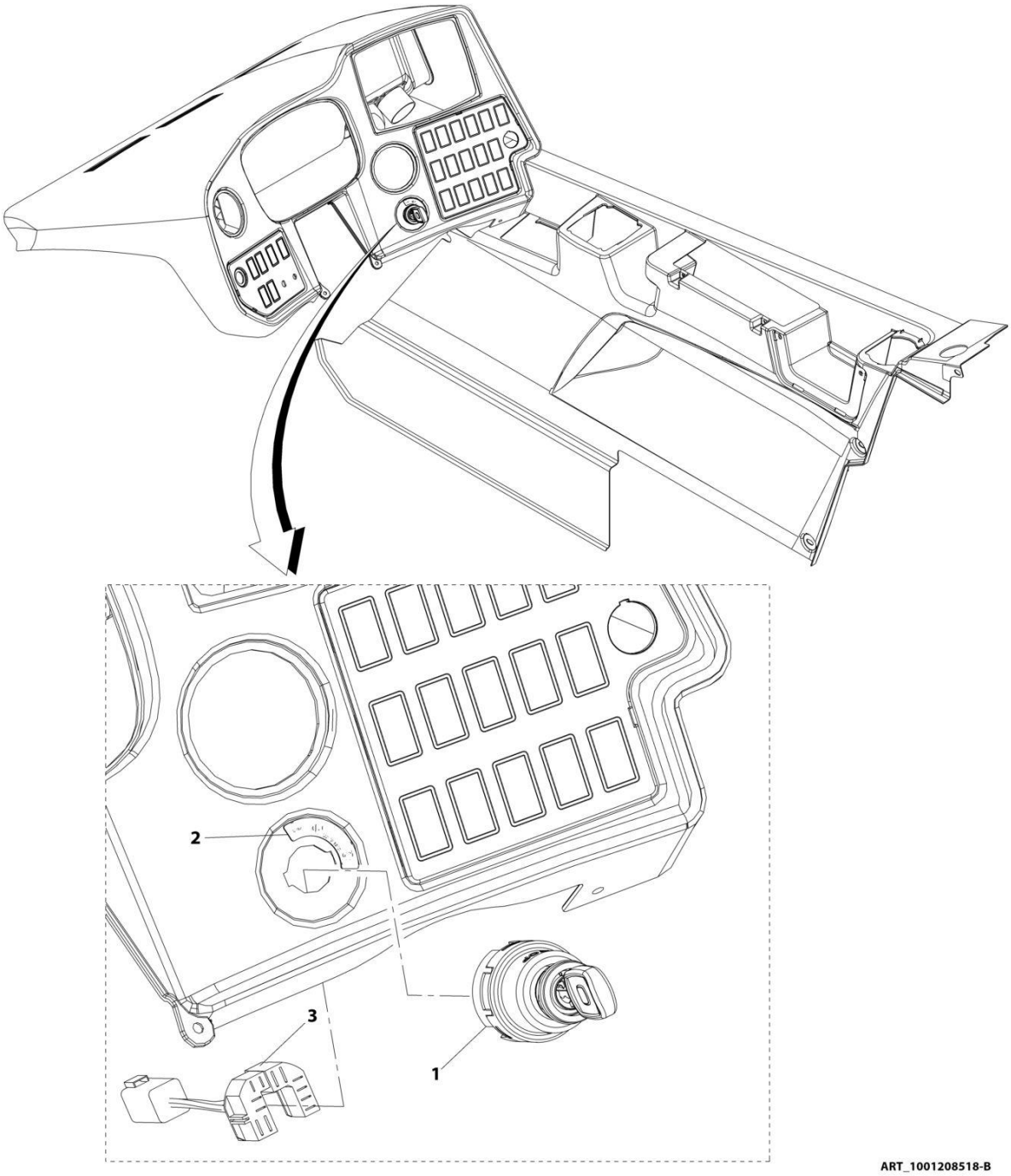
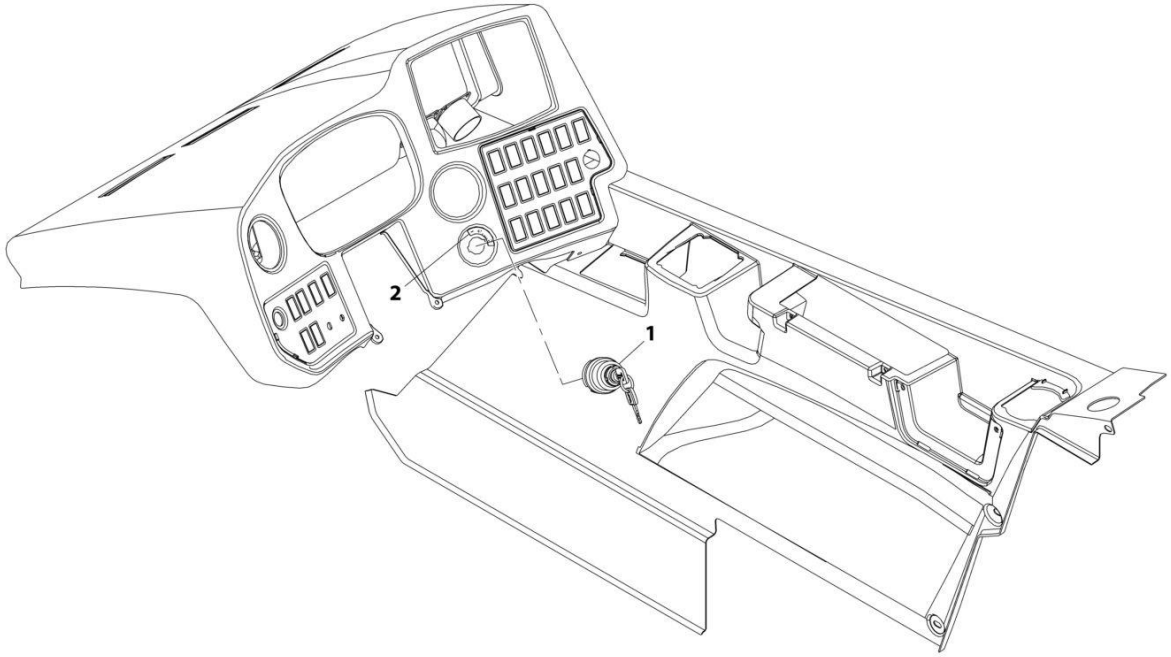


FIGURE 10-40. IGNITION SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208518	Ref	Ignition Switch Installation	B
1	1001102502	1	Switch, 4 Position Key	
1	70022765	1	Key, Ignition	
2	1001181531	1	Decal, Ignition Switch	
3	1001223968	1	Harness, Ignition Switch	

FIGURE 10-41. IGNITION SWITCH INSTALLATION



ART_1001201128-B

FIGURE 10-41. IGNITION SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201128	Ref	Ignition Switch Installation (Deutz-Fahr)	B
1	1001139707	1	Switch, 5 Position Key	
2	1001181531	1	Decal, Ignition Switch	

FIGURE 10-42. LSI SENSOR COVER INSTALLATION (20IN WHEEL)

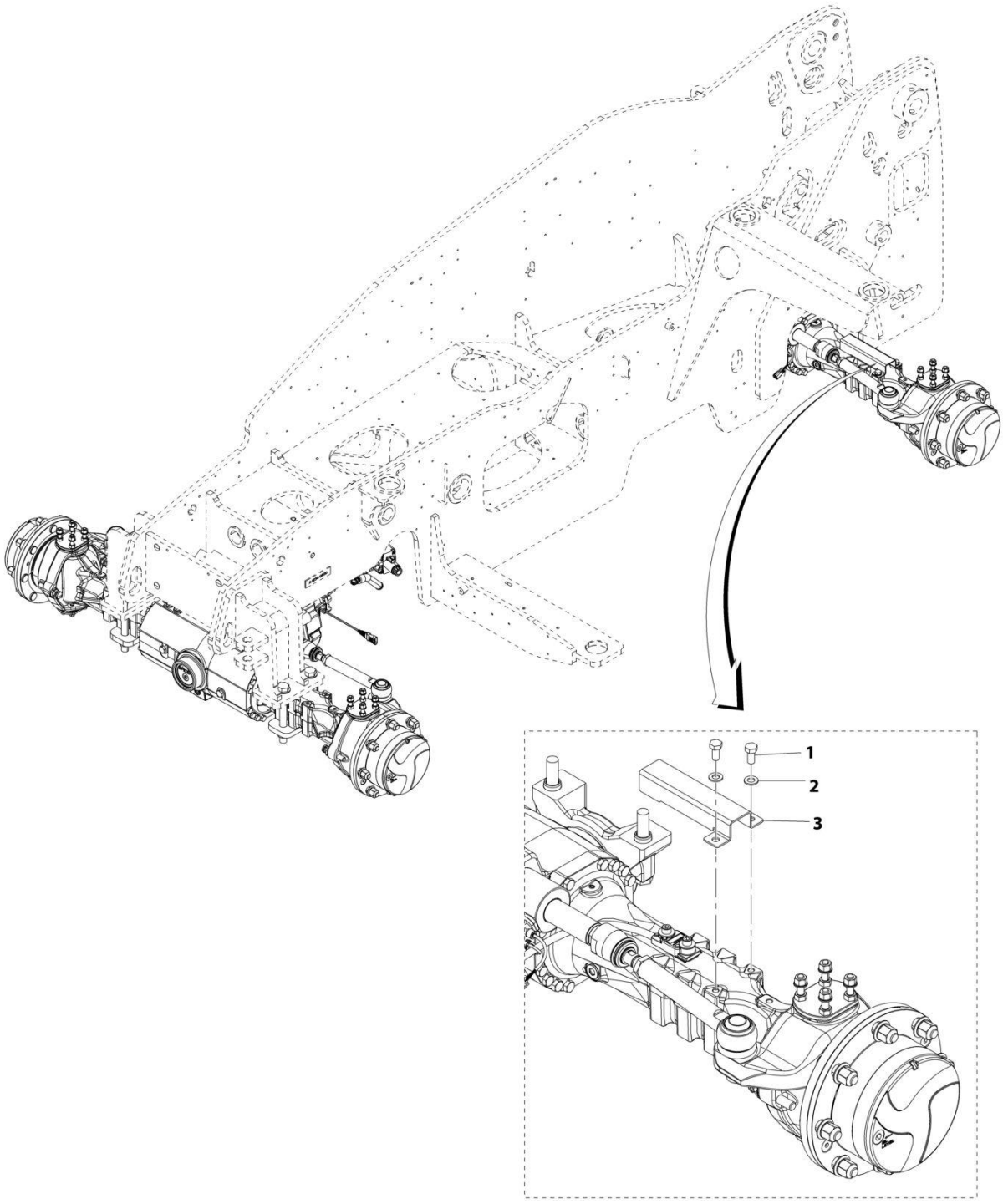


FIGURE 10-42. LSI SENSOR COVER INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225305	Ref	LSI Sensor Cover Installation	A
1	0761212	2	Bolt, M12X25	
2	4812100	2	Washer, M12	
3	1001225302	1	Shield, LSI Sensor	

FIGURE 10-43. LSI SENSOR COVER INSTALLATION (24IN WHEEL)

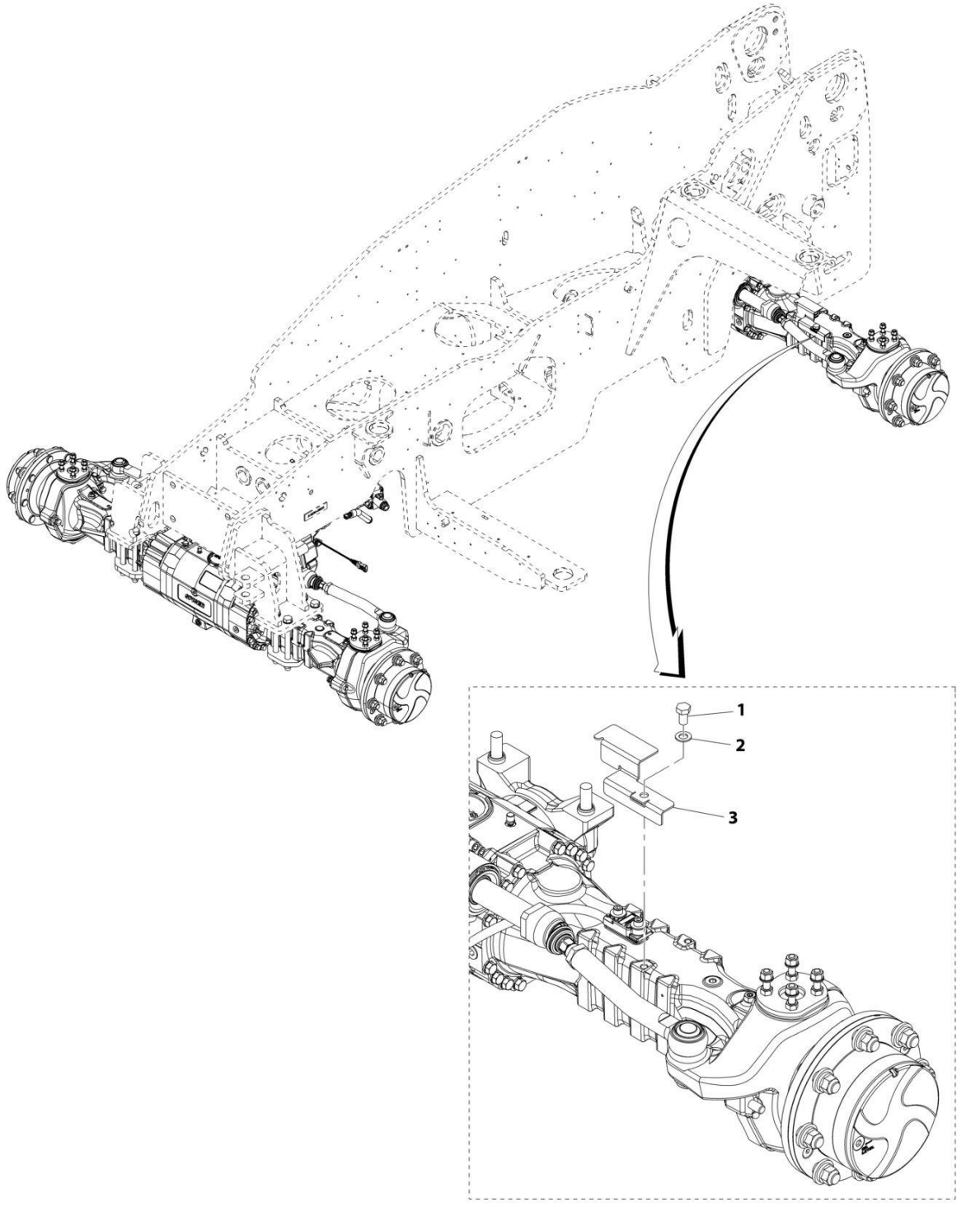


FIGURE 10-43. LSI SENSOR COVER INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225306	Ref	LSI Sensor Cover Installation	A
1	0761412	1	Bolt, M14X25	
2	4812200	1	Washer, M14	
3	1001225304	1	Shield, LSI Sensor	

FIGURE 10-44. TRAVEL MODE SWITCH INSTALLATION

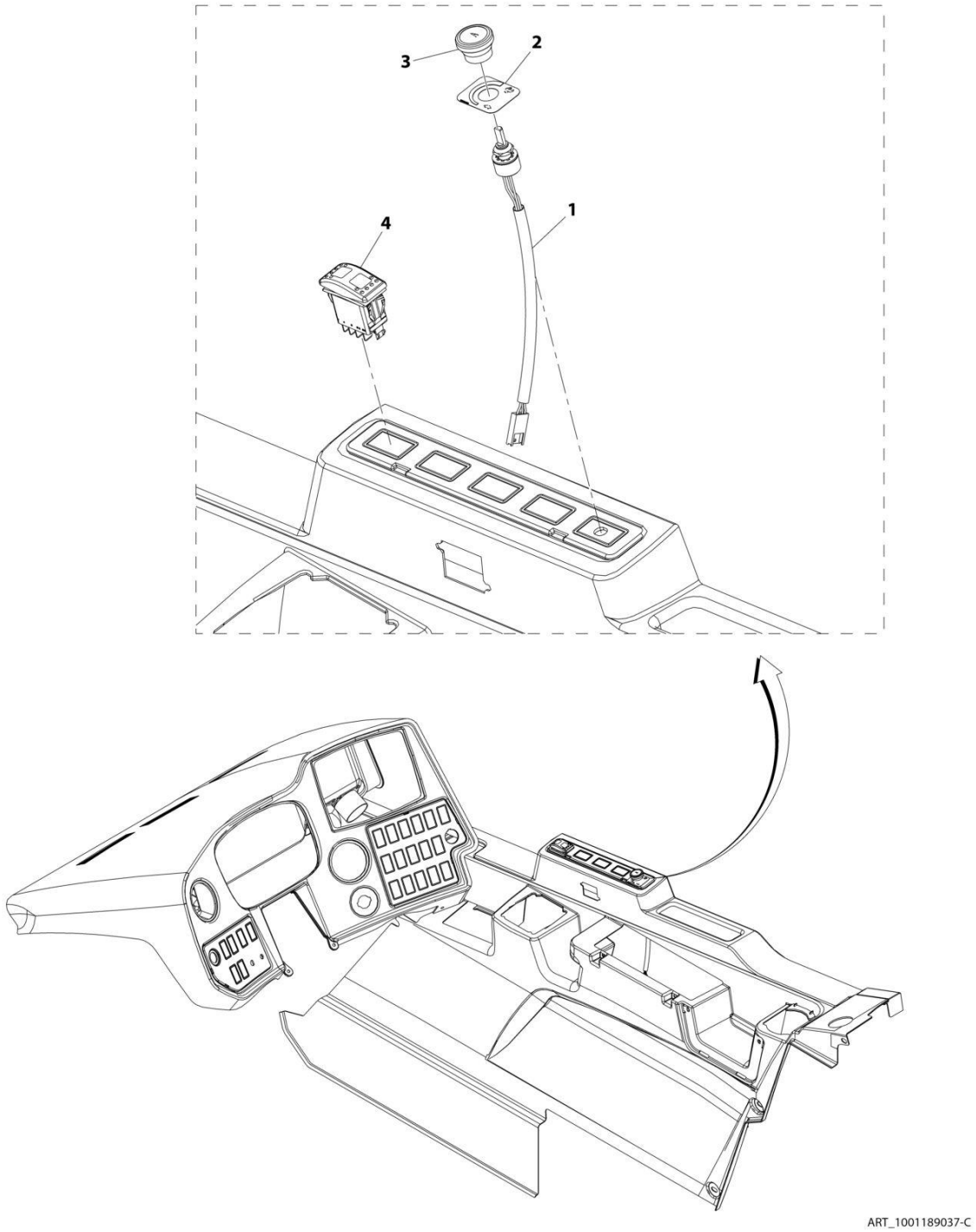


FIGURE 10-44. TRAVEL MODE SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189037	Ref	Travel Mode Switch Installation	C
1	1001222590	1	Switch, Engine Set Speed	
2	1001185193	1	Decal, Speed Control	
3	1001172550	1	Knob, HVAC Control	
4	1001185227	1	Switch, Travel Mode	

FIGURE 10-45. LSI SENSOR INSTALLATION (20IN WHEEL)

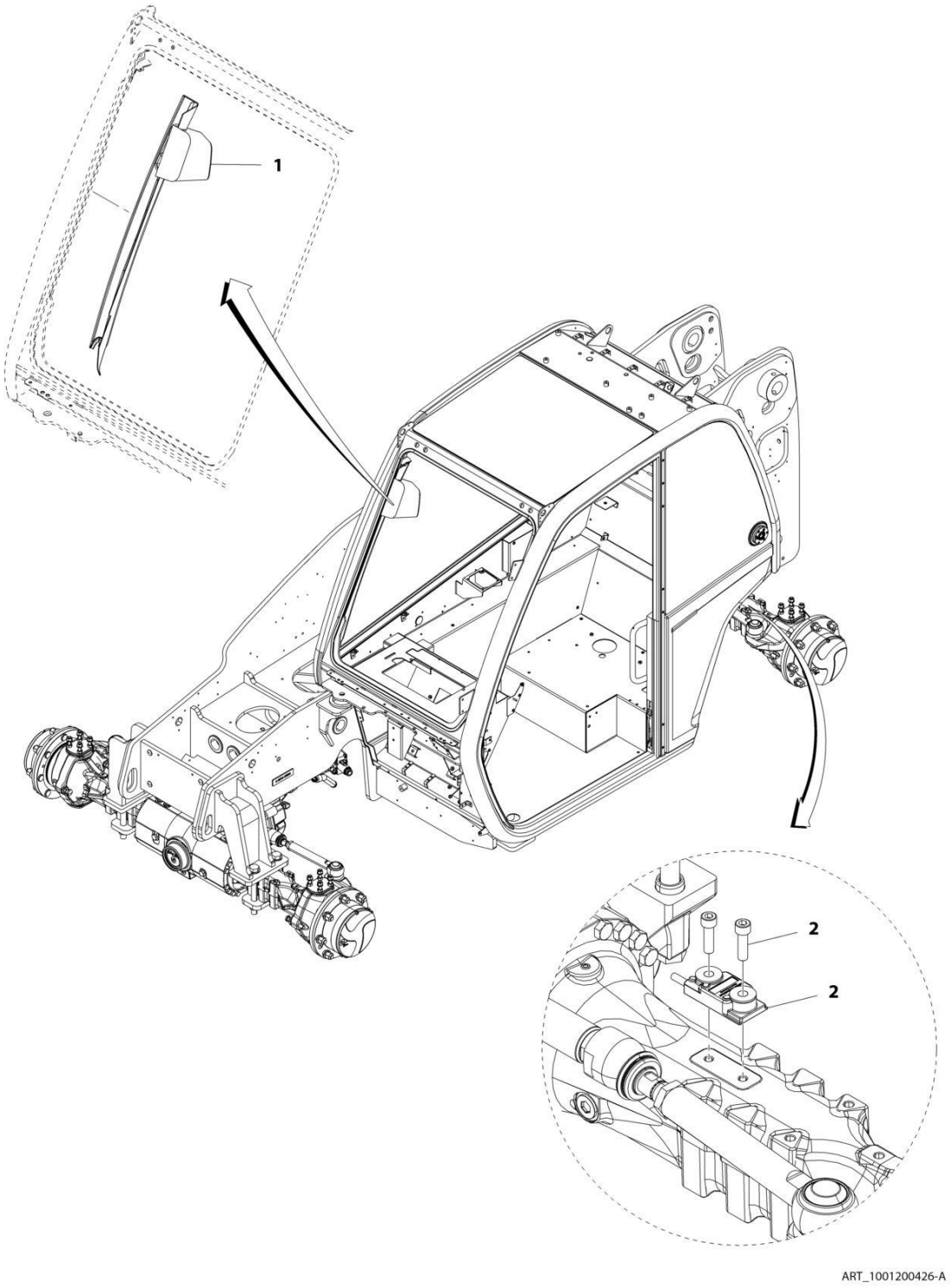


FIGURE 10-45. LSI SENSOR INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200426	Ref	LSI Sensor Installation (20IN Wheel)	A
1	1001166293	Ref	Installation, LSI Assembly (See Separate Breakdown in this Section)	
2	1001199936	Ref	Installation, LSI Sensor (20IN Wheel) (See Separate Breakdown in this Section)	

FIGURE 10-46. LSI SENSOR INSTALLATION (24IN WHEEL) (Prior to SN 1160008371)

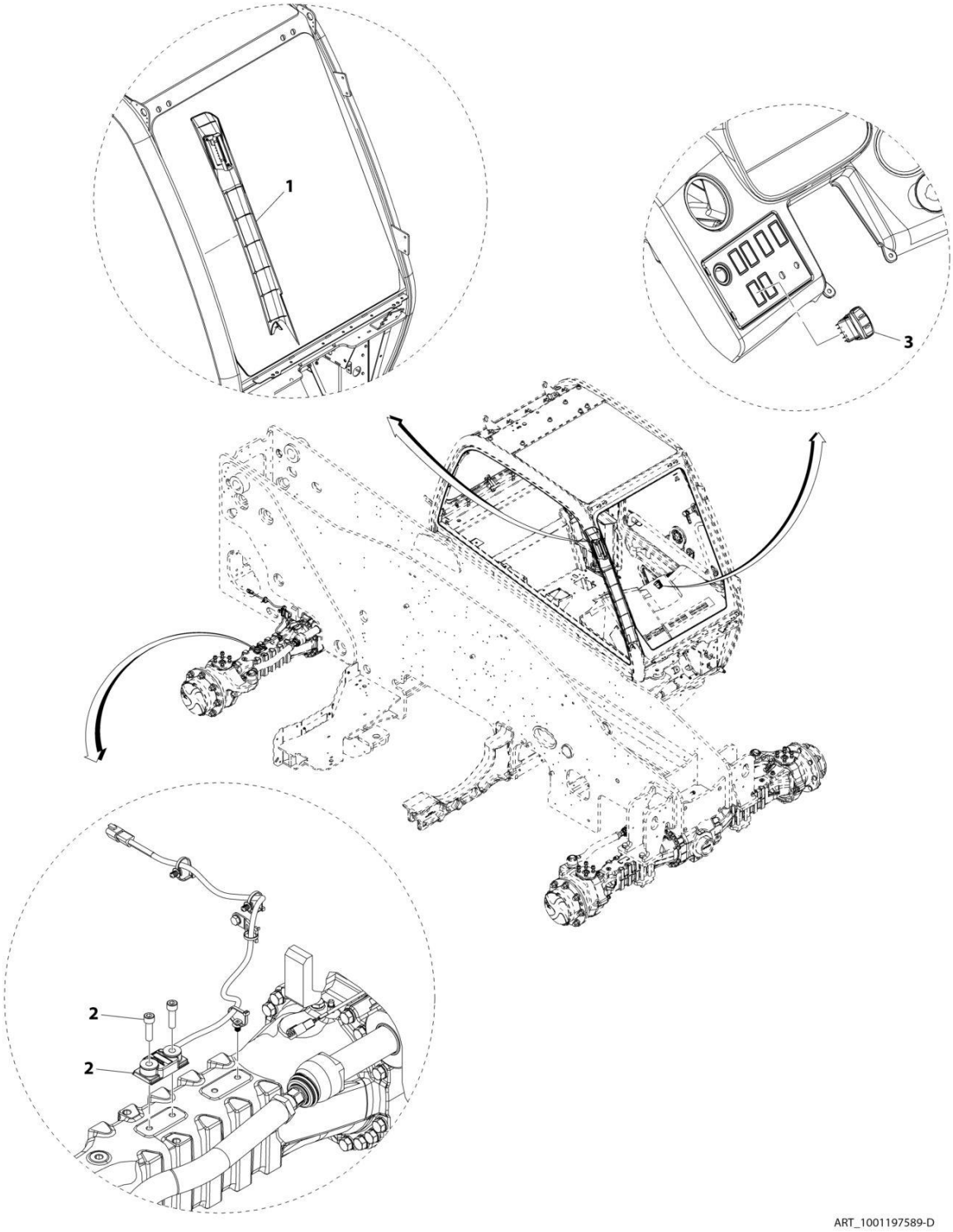


FIGURE 10-46. LSI SENSOR INSTALLATION (24IN WHEEL) (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197589	Ref	LSI Sensor Installation (24IN Wheel)	D
1	1001207594	Ref	Installation, LSI Assembly (See Separate Breakdown in this Section)	
2	1001199935	Ref	Installation, LSI Sensor (24IN Wheel) (See Separate Breakdown in this Section)	
3	1001233407	Ref	Installation, LSI Switch (See Separate Breakdown in this Section)	

FIGURE 10-47. LSI ASSEMBLY

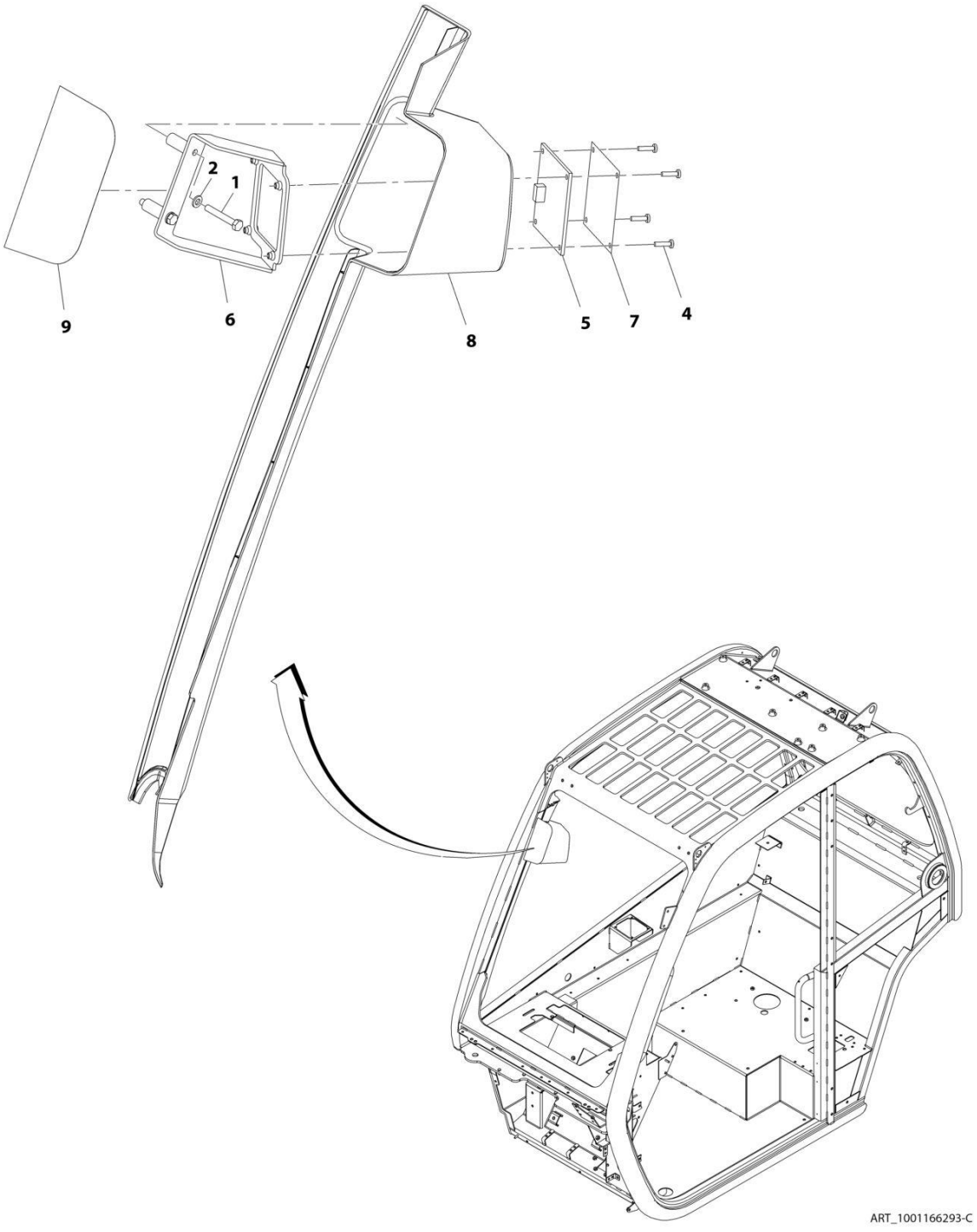


FIGURE 10-47. LSI ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166293	Ref	LSI Assembly	C
1	0700616	2	Bolt, M6X40	
2	4811700	2	Washer, M6	
4	1001126837	4	Screw, M4X16	
5	1001166465	1	Gauge, LSI Display	
6	1001166174	1	Bracket, LSI Display Support	
7	1001173343	1	Decal, LSI Display	
8	1001169606	1	Panel	
9	1001207174	1	Decal, LSI Cover	

FIGURE 10-48. LSI SENSOR (20IN WHEEL)

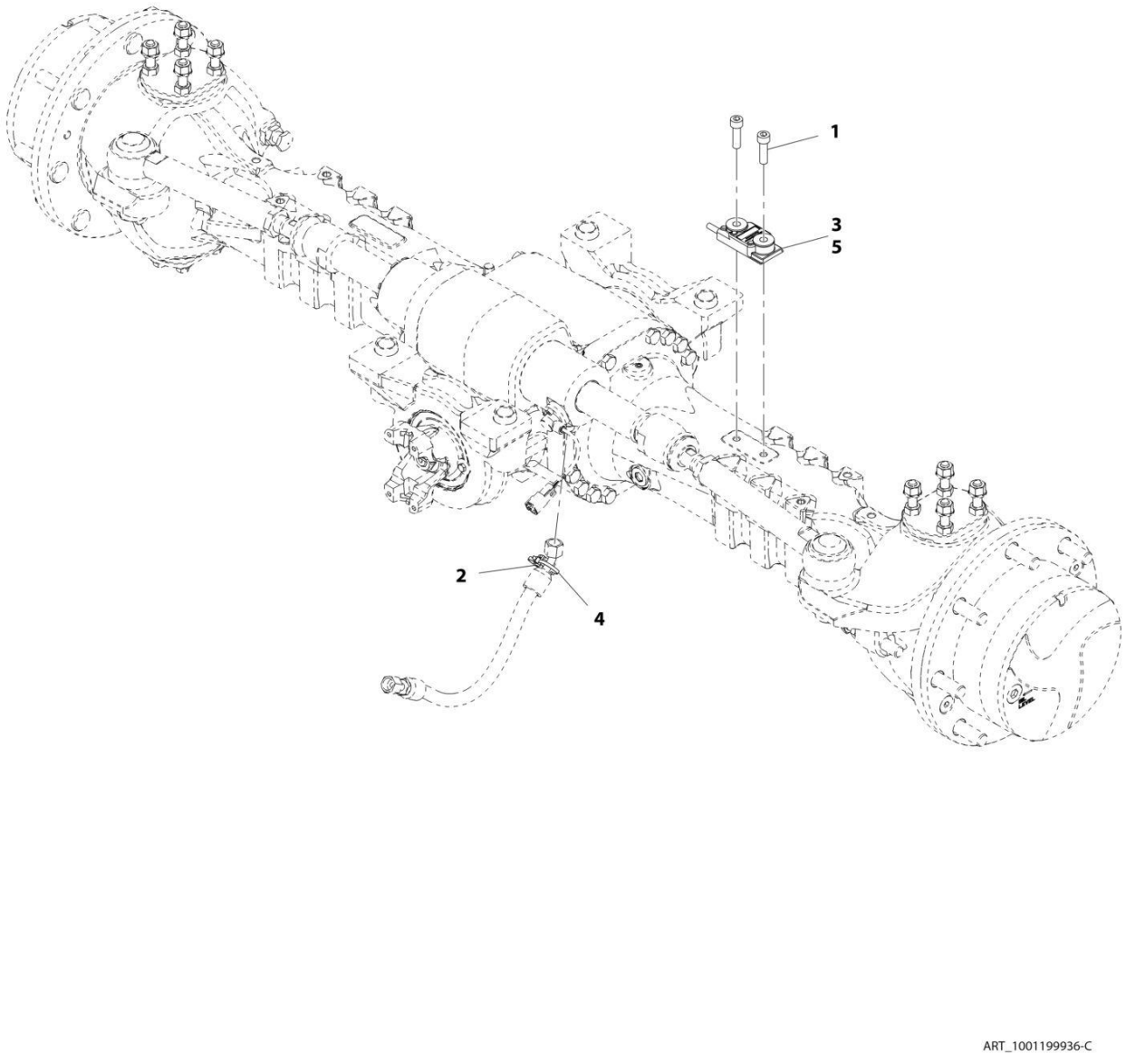


FIGURE 10-48. LSI SENSOR (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199936	Ref	LSI Sensor (20IN Wheel)	C
1	5272011	2	Screw, M10X35	
2	1001004723	1	Saddle	
3	1001116128	AR	Sealant, Polysiloxane	
4	1001008559	2	Strap, Cable	
5	1001160730	1	Sensor, Rear Axle LSI	

FIGURE 10-49. LSI SENSOR (24IN WHEEL) (Prior to SN 1160008371)

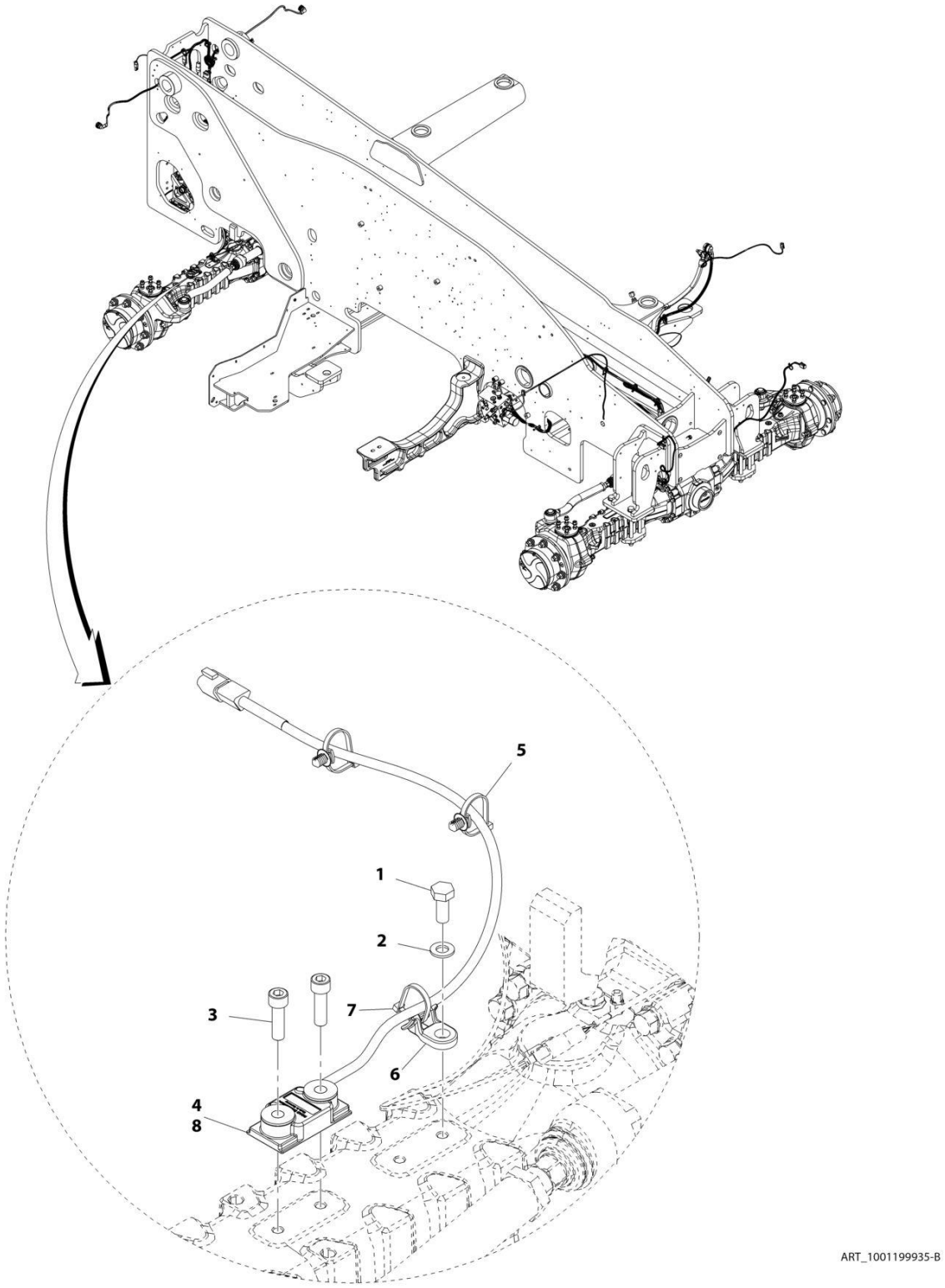


FIGURE 10-49. LSI SENSOR (24IN WHEEL) (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199935	Ref	LSI Sensor (24IN Wheel)	B
1	0761012	1	Bolt, M10X25	
2	4812000	1	Washer, M10	
3	5272011	2	Screw, M10X35	
4	1001116128	1	Sealant, Polysiloxane	
5	1001146588	2	Strap, Cable	
6	1001169146	1	Mount	
7	1001004720	1	Strap, Cable	
8	1001160730	1	Sensor, Rear Axle LSI	

FIGURE 10-50. LSI SENSOR (24IN WHEEL) (SN 1160008371 to Present)

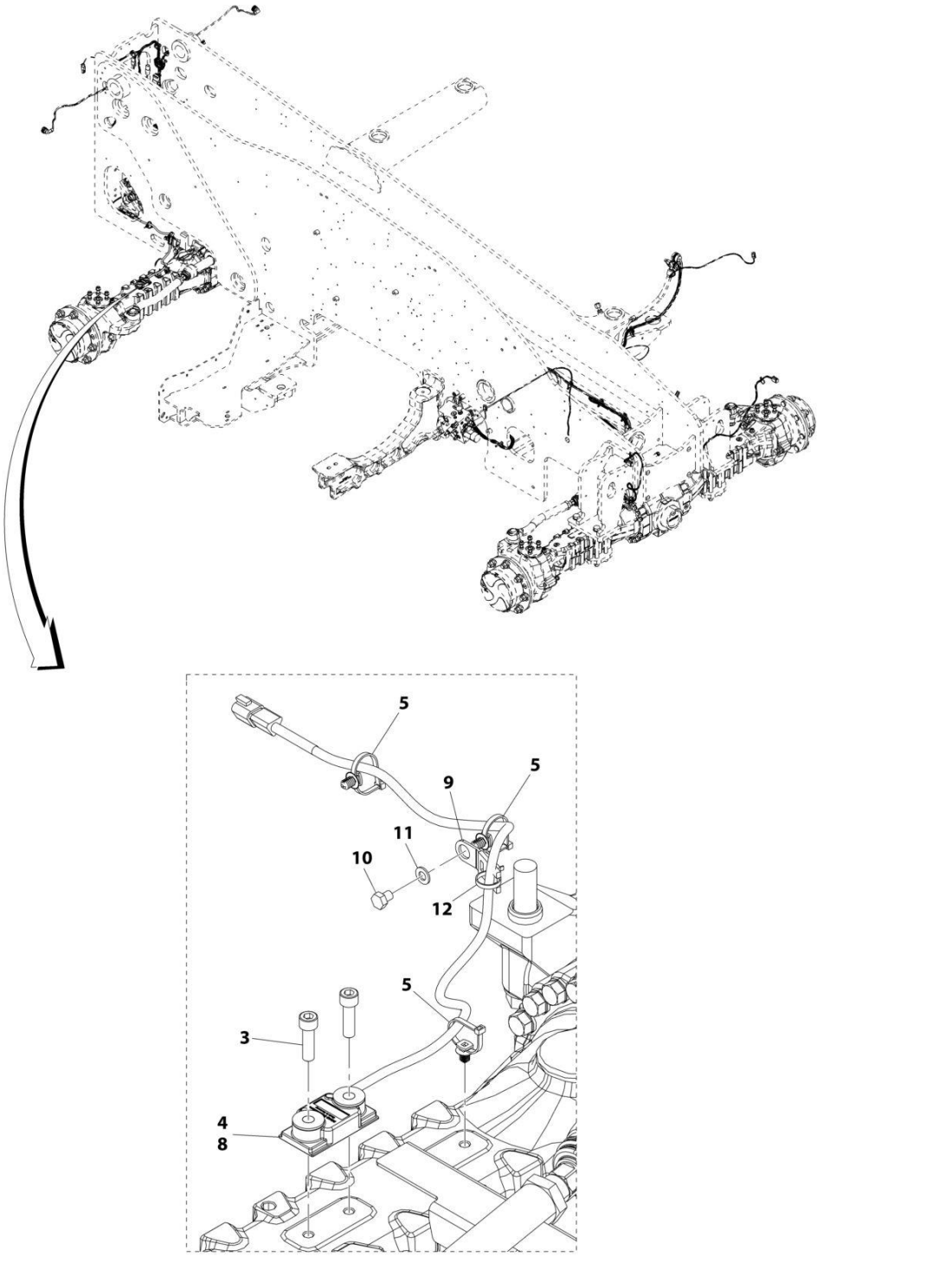


FIGURE 10-50. LSI SENSOR (24IN WHEEL) (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199935	Ref	LSI Sensor (24IN Wheel)	E
3	5272011	2	Screw, M10X35	
4	1001116128	1	Sealant, Polysiloxane	
5	1001146588	3	Strap, Cable	
8	1001160730	1	Sensor, Rear Axle LSI	
9	1001025750	1	Clip	
10	0760805	1	Screw, 8X10	
11	4811900	1	Washer, 8M	
12	1001008559	1	Strap, Cable	

FIGURE 10-51. LMIS INSTALLATION

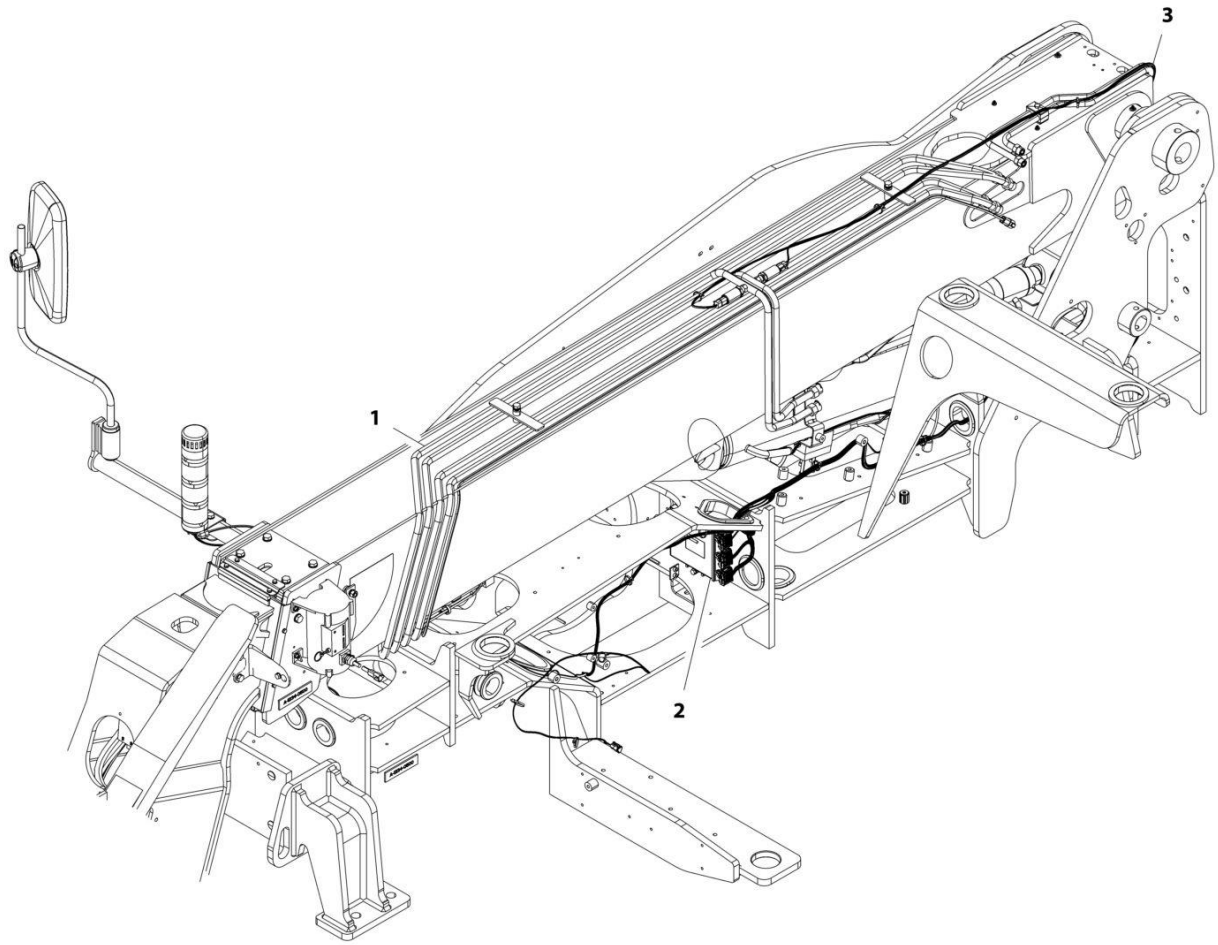


FIGURE 10-51. LMIS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185037	Ref	LMIS Installation	C
1	1001185039	Ref	Installation, LMIS Mech (See Separate Breakdown in this Section)	
2	1001185038	Ref	Installation, LMIS Controller (See Separate Breakdown in this Section)	
3	1001186217	Ref	Installation, LMIS Wiring (See Separate Breakdown in this Section)	

FIGURE 10-52. LMIS MECHANICAL (Prior to SN 1160008371)

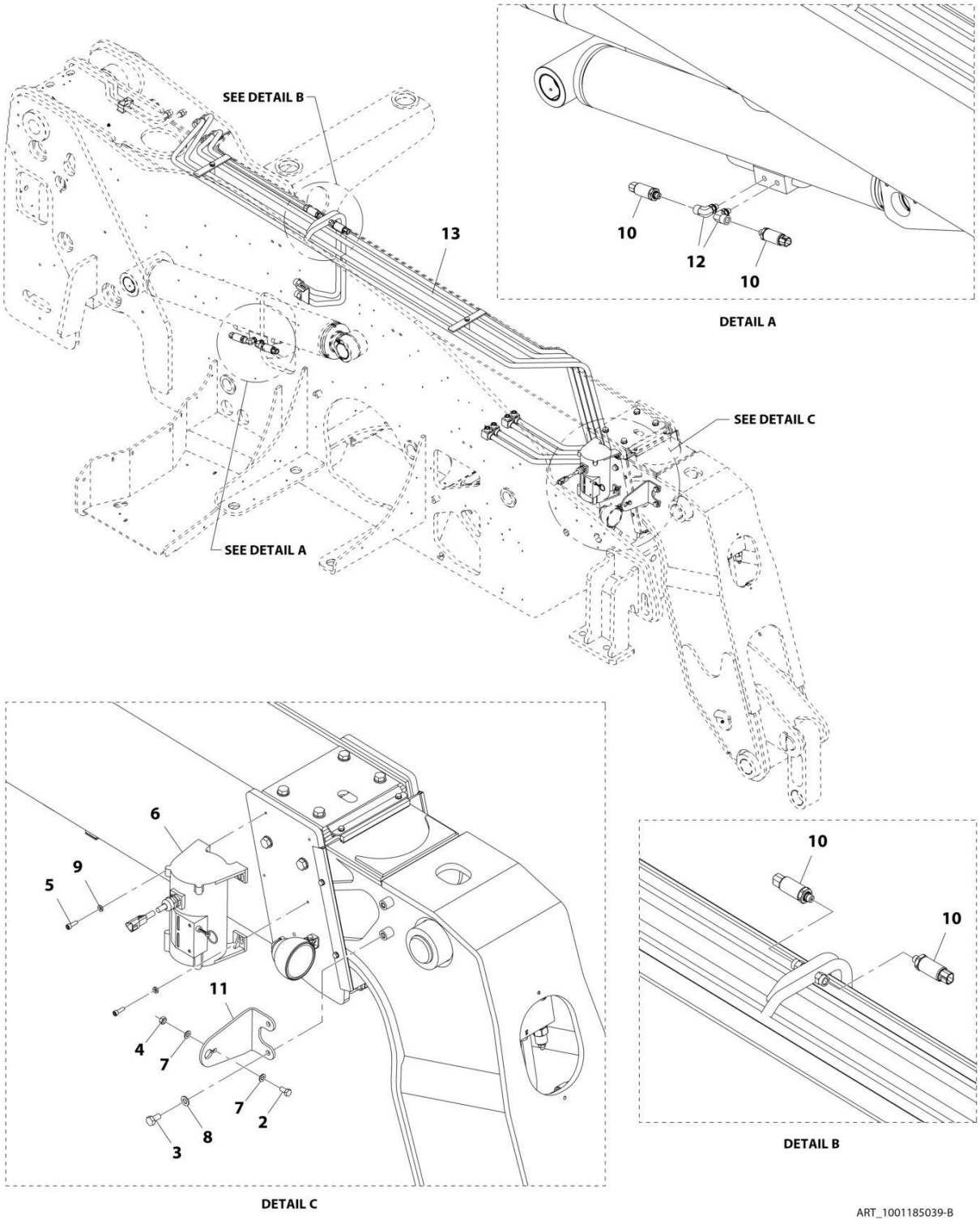


FIGURE 10-52. LMIS MECHANICAL (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185039	Ref	LMIS Mechanical	B
2	0760808	1	Bolt, M8X16	
3	0761010	2	Bolt, M10X20	
4	3290801	1	Nut, M8X1.25	
5	4031708	4	Bolt, M6X20	
6	4360543	1	Switch, Boom Length	
7	4811900	2	Washer, M8	
8	4812000	2	Washer, M10	
9	5240600	4	Washer, M6	
10	1001162885	4	Sensor, Pressure	
11	1001190657	1	Bracket	
12	1001184172	2	Fitting, 90	
13	1001202918	1	Pipe	

FIGURE 10-53. LMIS MECHANICAL (SN 1160008371 to Present)

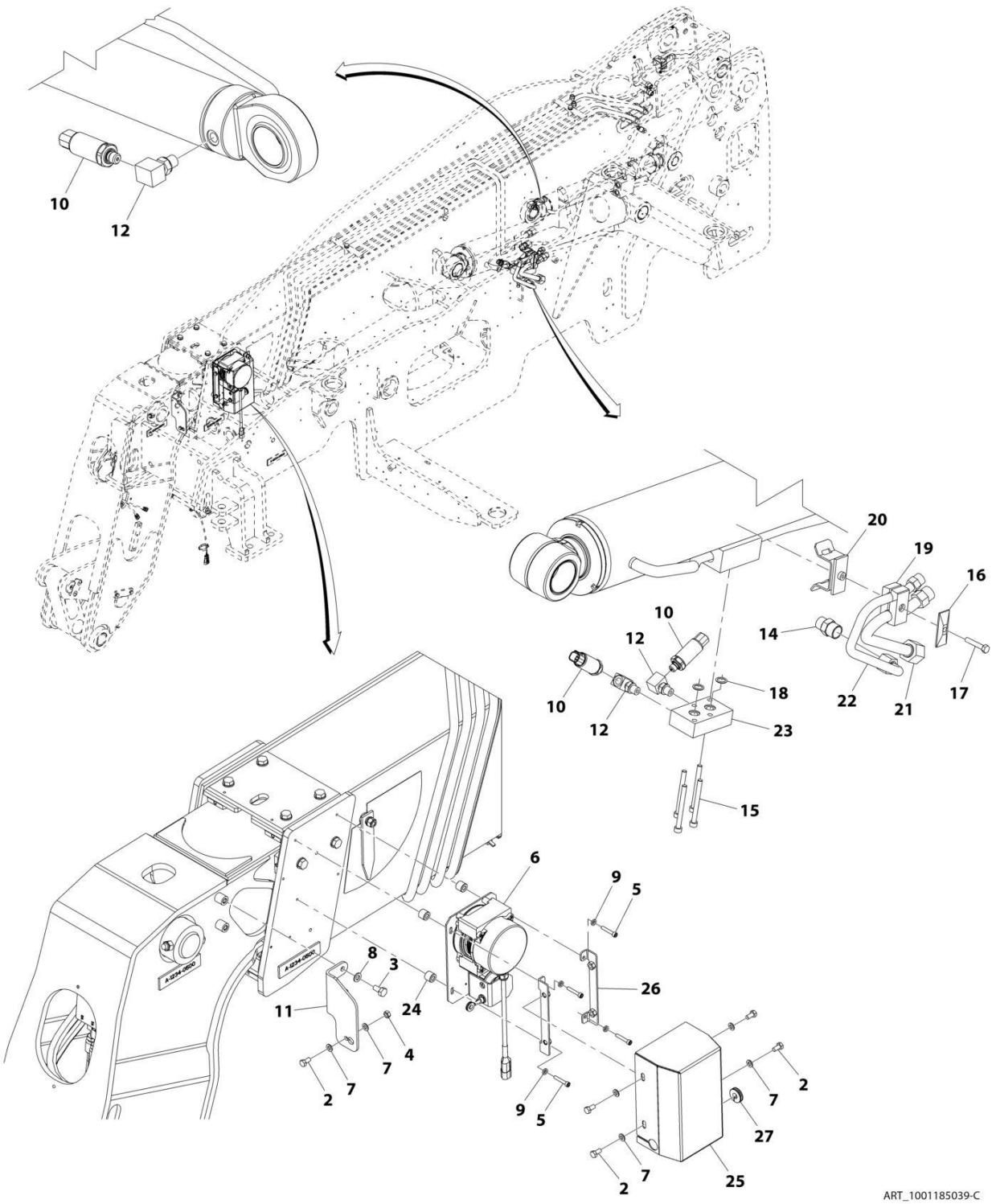


FIGURE 10-53. LMIS MECHANICAL (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185039	Ref	LMIS Mechanical	C
2	0760808	1	Bolt, M8X16	
3	0761010	2	Bolt, M10X20	
4	3290801	1	Nut, M8X1.25	
5	4031711	4	Bolt, M6X35	
6	1001223903	1	Sensor, Boom Length	
7	4811900	6	Washer, M8	
8	4812000	2	Washer, M10	
9	5240600	4	Washer, M6	
10	1001162885	3	Sensor, Pressure	
11	1001223111	1	Bracket	
12	1001209986	3	Fitting, 90	
14	2111010	1	Fitting, Straight ORFS	
15	5271921	4	Bolt, M8X85	
16	77133137	1	Plate, Cover	
17	88201023	1	Bolt, 5/16-18X1-3/4	
18	1001102080	2	O-Ring	
19	1001209949	1	Clamp, Hose	
20	1001226227	1	Bracket	
21	1001226232	1	Pipe	
22	1001226233	1	Pipe	
23	1001226499	1	Plate	
24	1001222702	4	Mount, Spacer	
25	1001227826	1	Plate, Sensor Reel Cover	
26	1001227956	2	Bracket	
27	1001009375	1	Grommet	

FIGURE 10-54. LMIS CONTROLLER

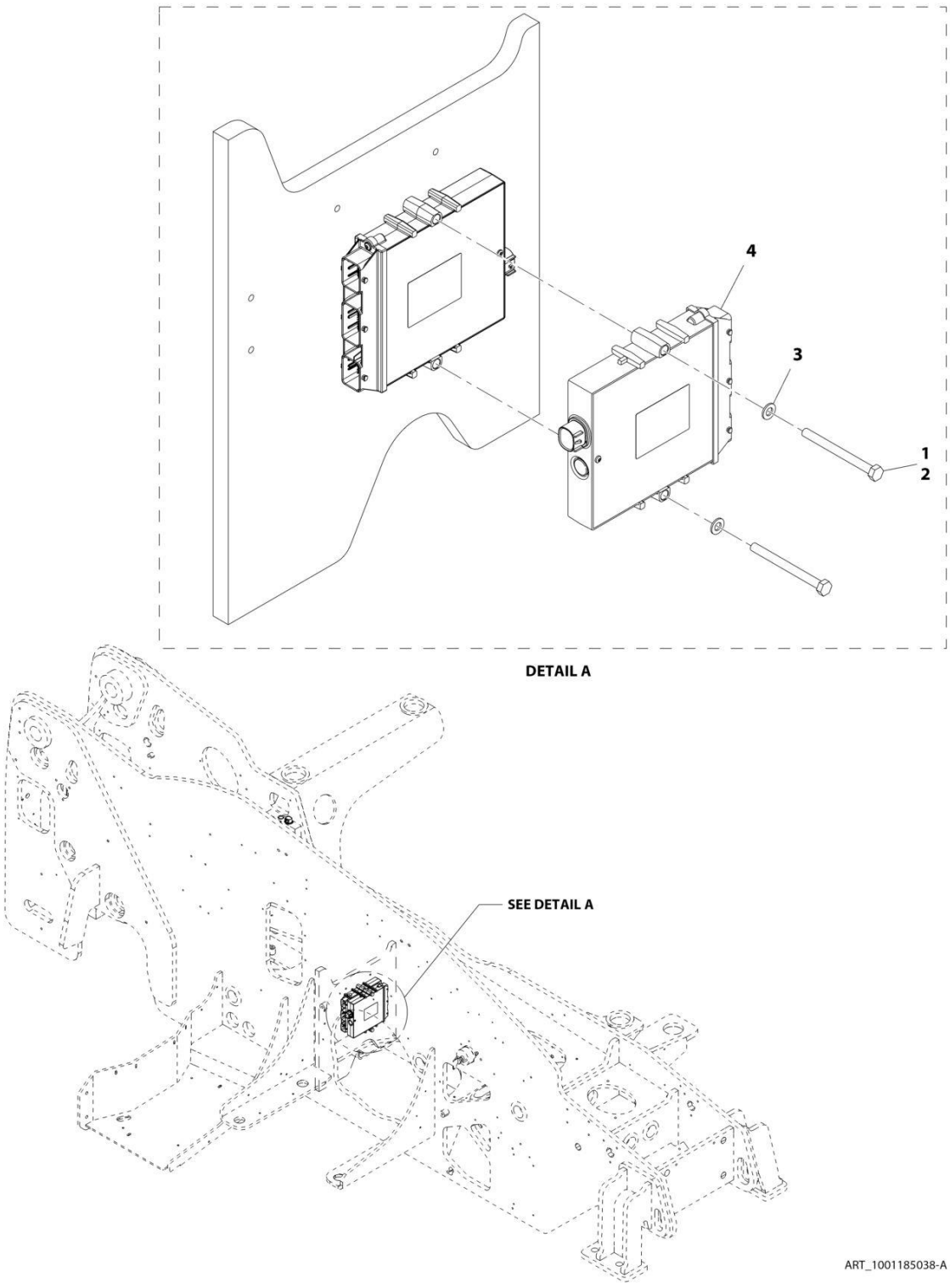


FIGURE 10-54. LMIS CONTROLLER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185038	Ref	LMIS Controller	A
1	1001095650	AR	Compound, Locking	
2	0700826	2	Bolt, M8X90	
3	4811900	2	Washer, M8	
4	1001179901	1	Control, LMIS Module	

FIGURE 10-55. LMIS WIRING INSTALLATION

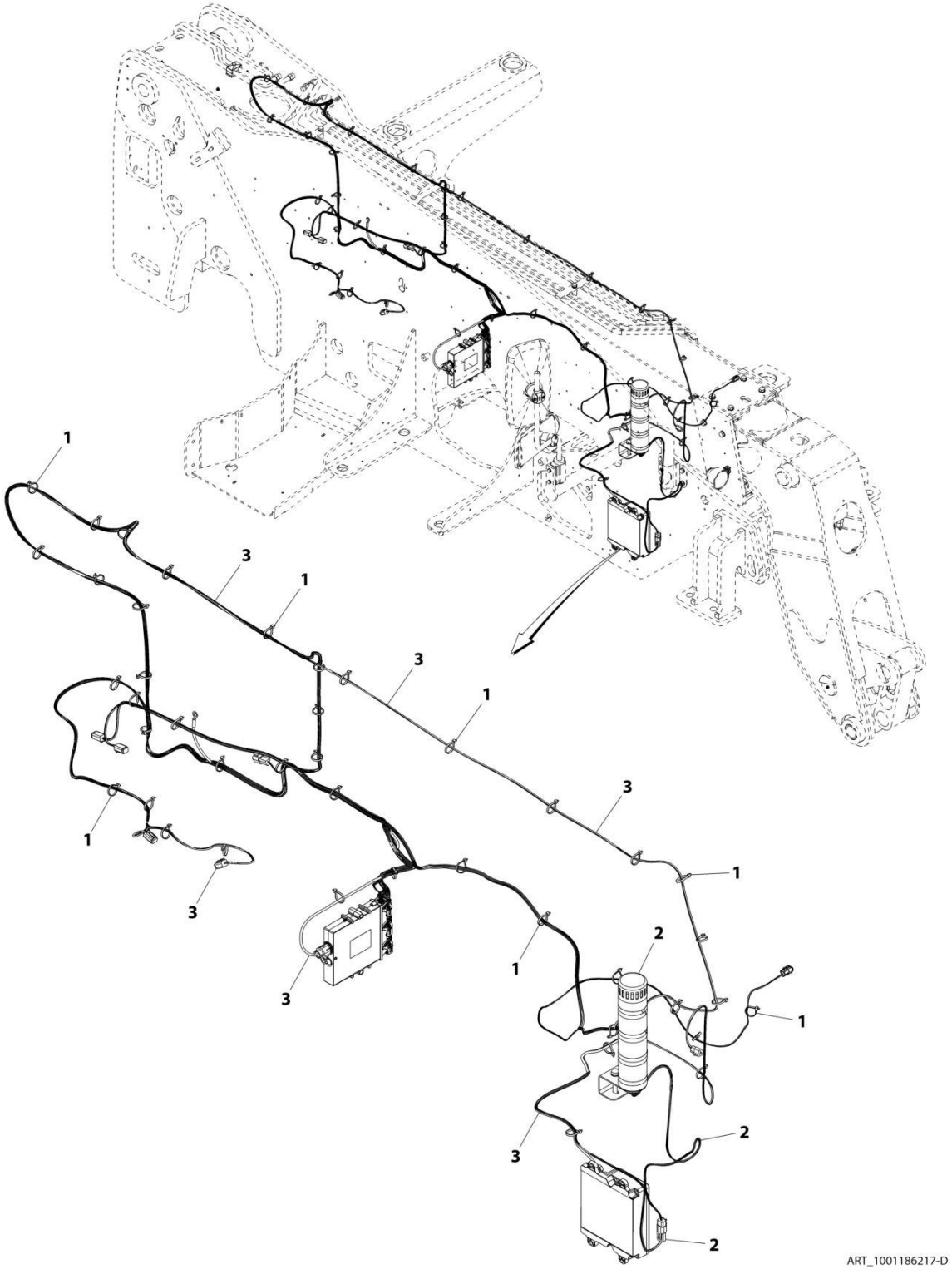


FIGURE 10-55. LMIS WIRING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186217	Ref	LMIS Wiring Installation	D
1	1001008559	43	Strap, Cable	
2	1001183832	Ref	Installation, LMIS Beacon (See Separate Breakdown in this Section)	
3	1001185905	Ref	Installation, LMIS Chassis Option Harness (See Separate Breakdown in this Section)	

FIGURE 10-56. LMIS BEACON INSTALLATION

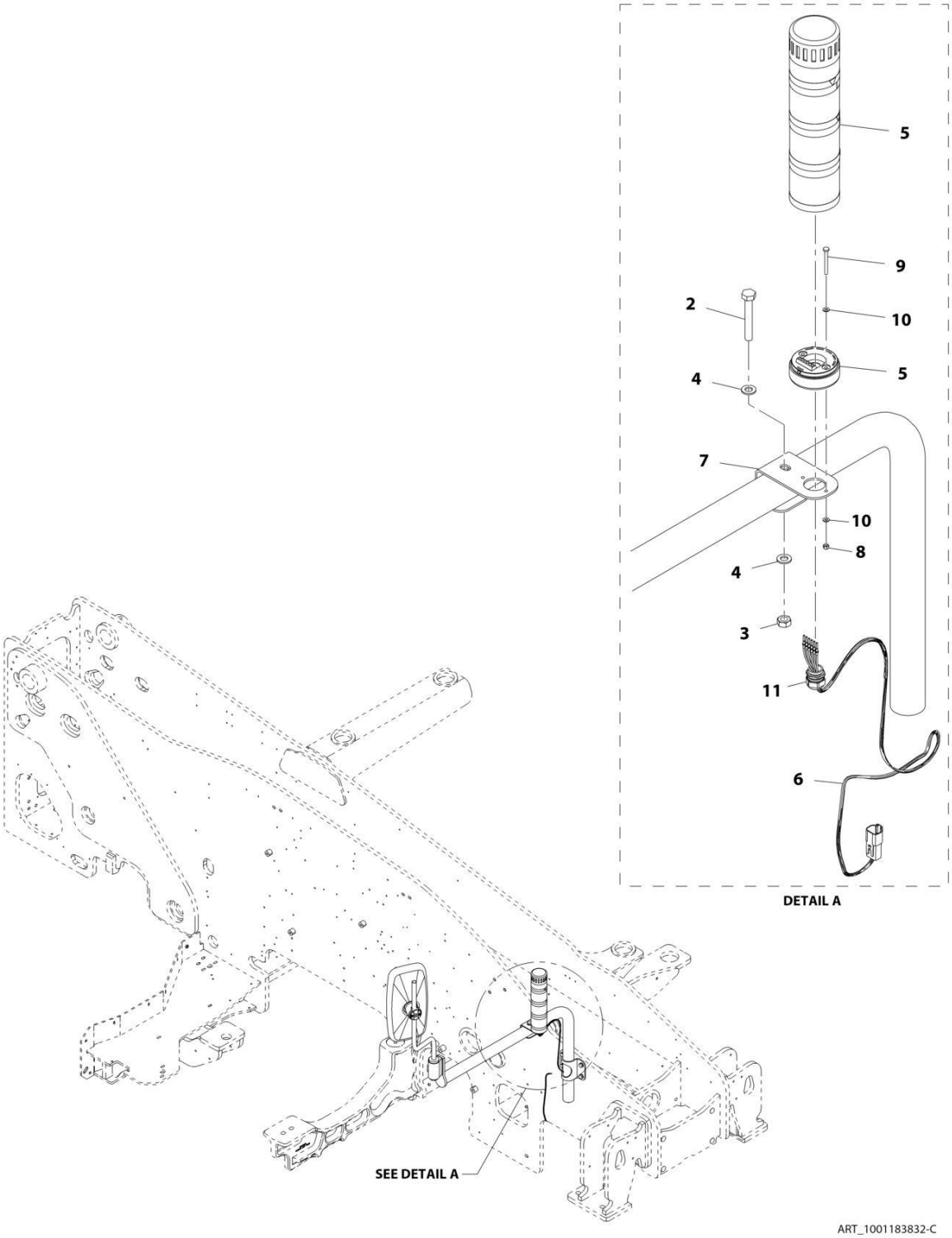


FIGURE 10-56. LMIS BEACON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183832	Ref	LMIS Beacon Installation	C
2	0701022	1	Bolt, M10X70	
3	3291001	1	Nut, M10X1.5 Grade 8	
4	4812000	2	Washer, M10	
5	1001108661	1	Lamp, LMIS Beacon Alarm	
6	1001117247	1	Harness, LMIS Beacon Option	
7	1001191259	1	Bracket	
8	3290405	2	Nut, Lock M4X0.7	
9	4010416	2	Screw, Pozidrive M4X40	
10	4811400	4	Washer, M4	
11	E000269	1	Connector, Strain Relief	

FIGURE 10-57. BOOM ANGLE SENSOR INSTALLATION

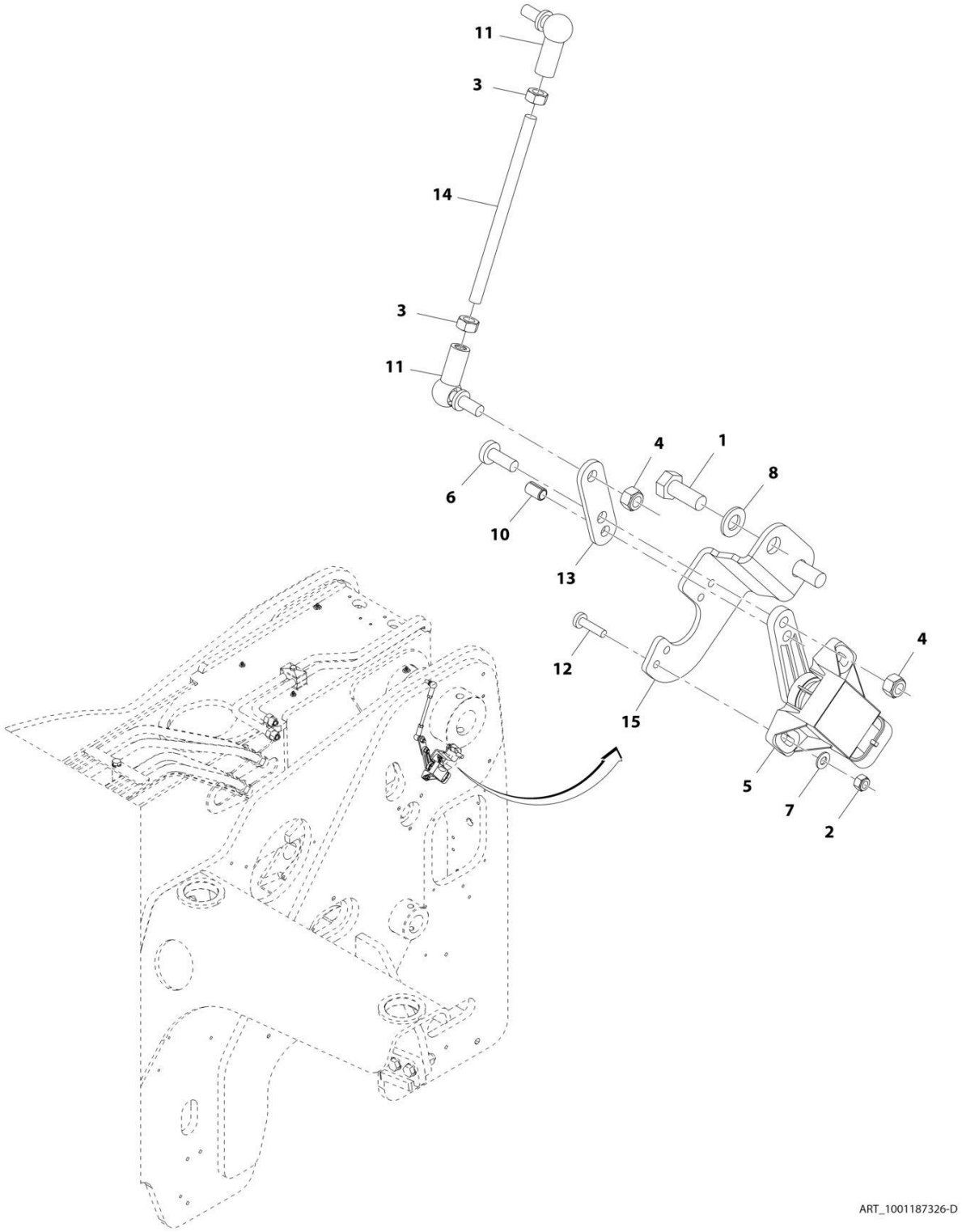


FIGURE 10-57. BOOM ANGLE SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187326	1	Boom Angle Sensor Installation	D
1	0760810	2	Bolt, M8X20	
2	3290405	2	Nut, M4X0.7 Grade 8	
3	3290601	2	Nut, M6X1 Grade 8	
4	3290605	2	Nut, Lock M6X1 Grade 8	
5	4000015	1	Sensor, Angle	
6	4010608	1	Screw, M6X16	
7	4811400	2	Washer, M4	
8	4811900	2	Washer, M8	
10	1001103156	1	Pin, Roll M6X10	
11	1001103300	2	Ball Joint, M6X25	
12	1001126837	2	Screw, M4X16	
13	1001188266	1	Sensor, Boom Angle	
14	1001188267	1	Rod	
15	1001188269	1	Bracket	

FIGURE 10-58. EARTH STRAP INSTALLATION

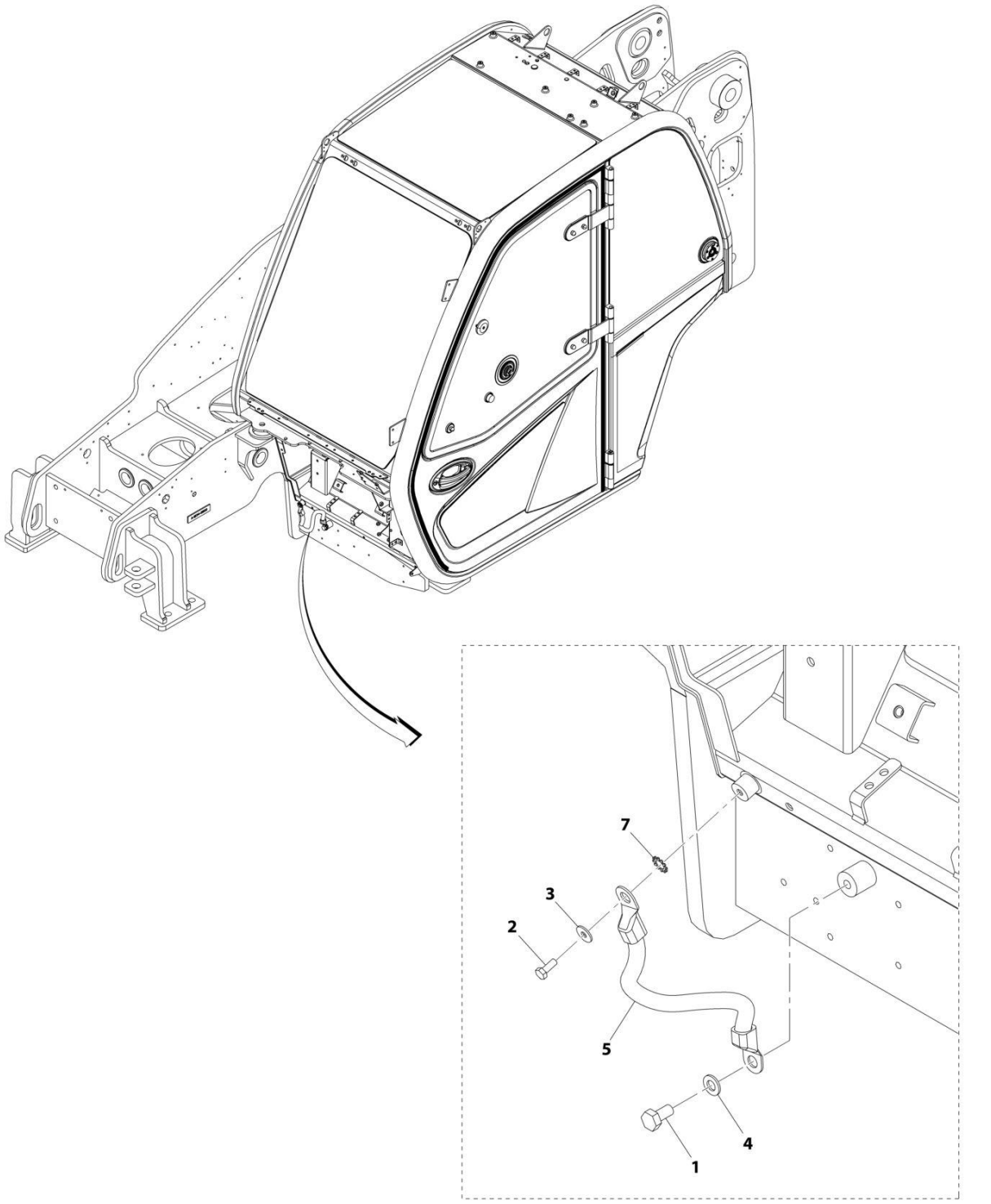


FIGURE 10-58. EARTH STRAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186646	Ref	Earth Strap Installation	D
1	0761010	1	Bolt, M10X20	
2	0760608	1	Bolt, M6X16	
3	4811702	1	Washer, M6	
4	4812000	1	Washer, M10	
5	1001009038	1	Strap, Earth	
7	4872000	1	Washer, M10	

FIGURE 10-59. RETRACT SENSOR EXTENSION LEED HARNESS (Prior to SN 1160008371)

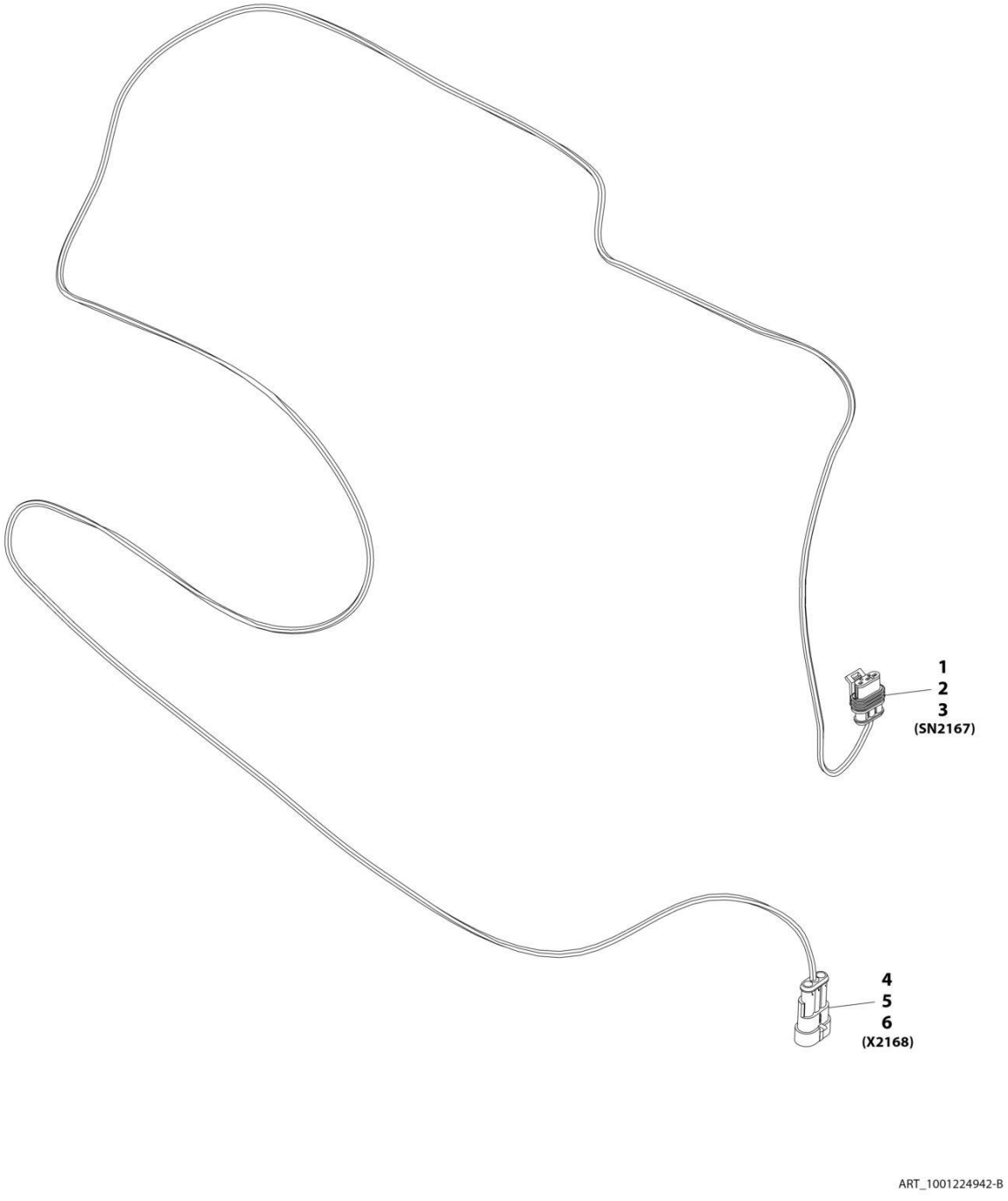
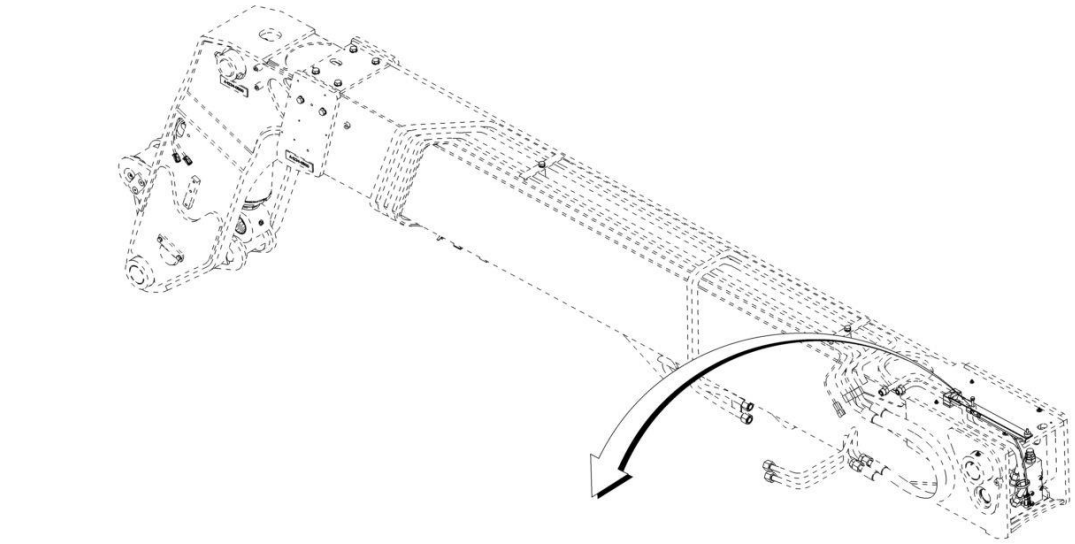
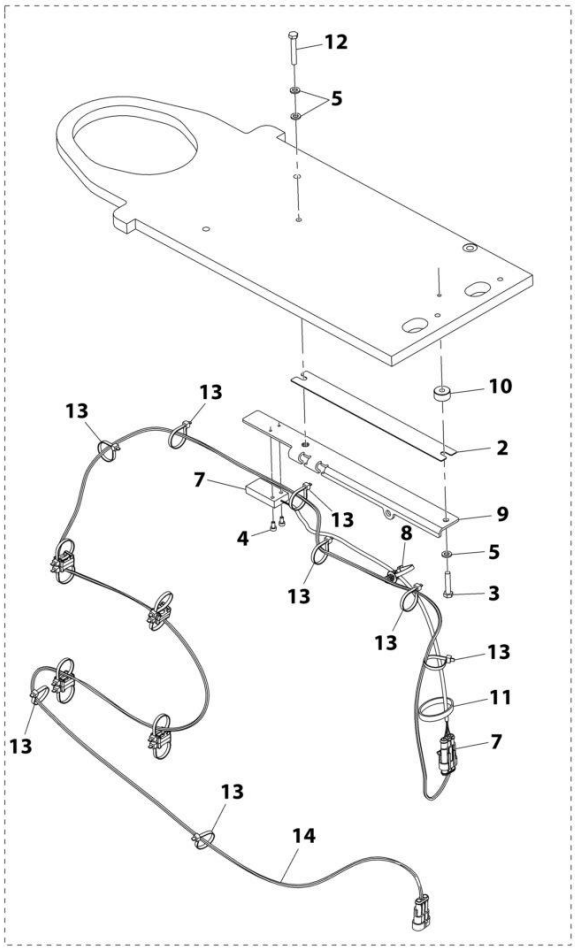


FIGURE 10-59. RETRACT SENSOR EXTENSION LEED HARNESS (Prior to SN 1160008371)

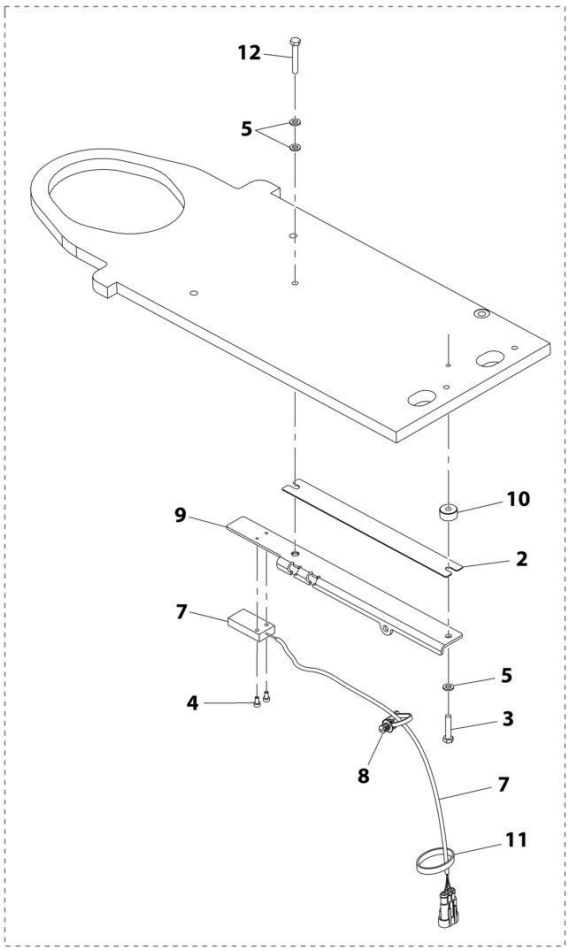
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224942	Ref	Retract Sensor Extension LEED Harness	B
1	4461262	1	Connector	
2	1001107854	3	Terminal	
3	1001104498	3	Seal	
4	4461119	1	Connector	
5	1001104497	3	Terminal	
6	1001197457	3	Seal	

FIGURE 10-60. BOOM RETRACT SENSOR INSTALLATION





PRIOR TO SN 1160008371



ART_1001184857-F

FIGURE 10-60. BOOM RETRACT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184857	Ref	Boom Retract Sensor Installation	F
2	1001218074	AR	Shim, Retract Sensor	
3	0760614	1	Bolt, M6X30	
4	4031504	2	Bolt, M4X8	
5	4811700	3	Washer, M6	
7	1001121021	1	Sensor, Proximity	
8	1001146588	1	Strap, Cable Tie	
9	1001218073	1	Bracket, Retract Sensor	
10	1001218082	1	Plate	
11	1001008923	1	Strap, Cable	
12	0700616	1	Bolt, M6X40	
13	1001008559	8	Tie, Strap **(Prior to SN 1160008371)**	
14	1001224942	Ref	Harness, Retract Sensor Extension LEED (See Separate Breakdown in this Section) **(Prior to SN 1160008371)**	

FIGURE 10-61. FRONT FRAME HARNESS (Prior to SN 1160008371)

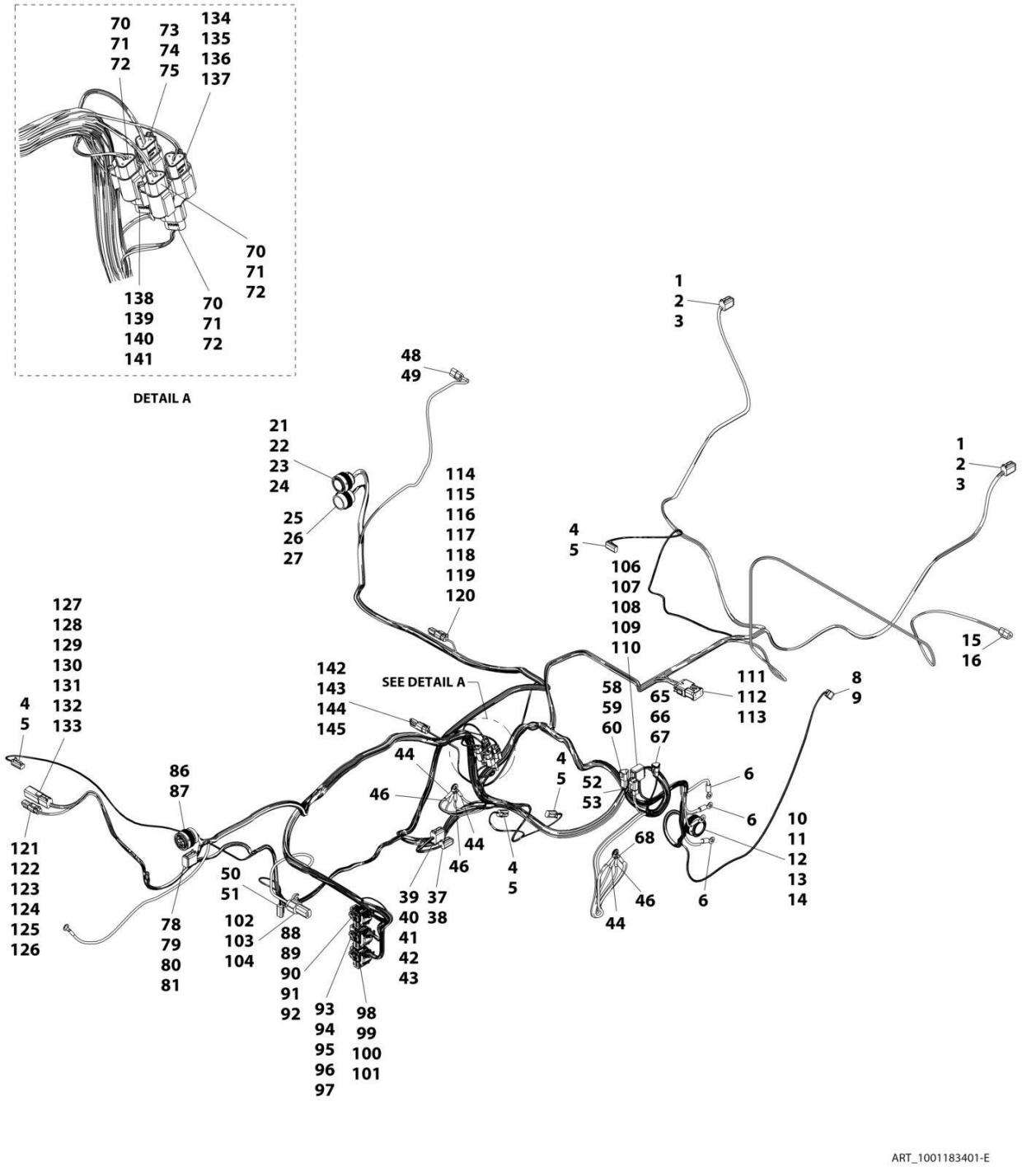


FIGURE 10-61. FRONT FRAME HARNESS (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183401	Ref	Front Frame Harness	E
1	4460894	2	Connector	
2	4460942	5	Terminal	
3	4460466	1	Plug	
4	4460891	4	Connector	
5	4460465	2	Terminal	
6	8220114	3	Terminal, Ring	
8	4460911	1	Connector	
9	1001126008	3	Terminal	
10	1001165309	1	Connector	
11	4460465	7	Terminal	
12	4460942	1	Terminal	
13	4460509	5	Terminal	
14	4460466	6	Plug	
15	4460539	1	Connector	
16	4460942	3	Terminal	
21	1001118323	1	Connector	
22	4460942	3	Terminal	
23	91013192	2	Terminal	
24	4460466	1	Plug	
25	4461015	1	Connector	
26	4460465	8	Terminal	
27	4460466	6	Plug	
37	4460884	1	Connector	
38	4460465	4	Terminal	
39	4460930	1	Connector	
40	1001157890	2	Terminal	
41	4460942	3	Terminal	
42	4460465	2	Terminal	
43	4460466	1	Plug	
44	1001117108	3	Terminal, Ring	
46	1001117110	3	Terminal, Ring	
48	4460539	1	Connector	
49	4460465	3	Terminal	
50	1001116950	1	Connector	
51	4460465	2	Terminal	
52	1001116810	1	Connector	
53	4460509	4	Terminal	
58	1001144147	1	Connector	
59	4460464	2	Terminal	
60	4460466	1	Plug	
65	1001116812	1	Connector	
66	4460465	2	Terminal	
67	4460466	1	Plug	
68	1001128127	1	Terminal, Ring	
70	1001116812	3	Connector	
71	4460944	2	Terminal	
72	4460466	1	Plug	
73	4460539	1	Connector	
74	4460944	2	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
75	4460466	1	Plug	
78	4460930	1	Connector	
79	4460465	4	Terminal	
80	4460942	2	Terminal	
81	4460466	2	Plug	
86	1001165310	1	Connector	
87	91013192	2	Terminal	
88	1001161958	1	Connector	
89	1001161095	10	Terminal	
90	1001161100	16	Plug	
91	1001161101	4	Plug	
92	1001161099	2	Plug	
93	1001161964	1	Connector	
94	1001161095	16	Terminal	
95	1001161100	24	Plug	
96	1001161101	2	Plug	
97	1001161099	6	Plug	
98	1001160499	1	Connector	
99	1001161095	8	Terminal	
100	1001161100	16	Plug	
101	1001161099	7	Plug	
102	1001160509	1	Connector	
103	1001160510	1	Terminal	
104	1001175266	1	Seal	
106	4460836	1	Connector	
107	4460942	2	Terminal	
108	4460465	4	Terminal	
109	4460464	5	Terminal	
110	4460941	1	Terminal	
111	4460933	1	Connector	
112	4460465	12	Terminal	
113	1001200206	1	Connector	
114	4460891	1	Connector	
115	1001157890	1	Terminal	
116	4460466	1	Plug	
117	4460897	1	Attach Mating Connector	
118	4460466	1	Attach Mating Plug	
119	4460897	1	Connector	
120	4460466	2	Plug	
121	4460891	1	Connector	
122	4460897	1	Attach Mating Connector	
123	4460466	2	Attach Mating Plug	
124	4460942	2	Terminal	
125	4460897	1	Connector	
126	4460466	2	Plug	
127	4460894	1	Connector	
128	4460899	1	Attach Mating Connector	
129	4460466	2	Attach Mating Plug	
130	4460942	4	Terminal	
131	4460465	2	Terminal	
132	4460899	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
133	4460466	6	Plug	
134	4460539	1	Connector	
135	4460944	2	Terminal	
136	4460466	1	Plug	
137	4460945	1	Terminal	
138	1001116812	1	Connector	
139	4460944	2	Terminal	
140	4460466	1	Plug	
141	4460945	1	Terminal	
142	4460891	1	Connector	
143	4460465	2	Terminal	
144	4460897	1	Connector	
145	4460466	2	Plug	

FIGURE 10-62. FRONT FRAME HARNESS (SN 1160008371 to Present)

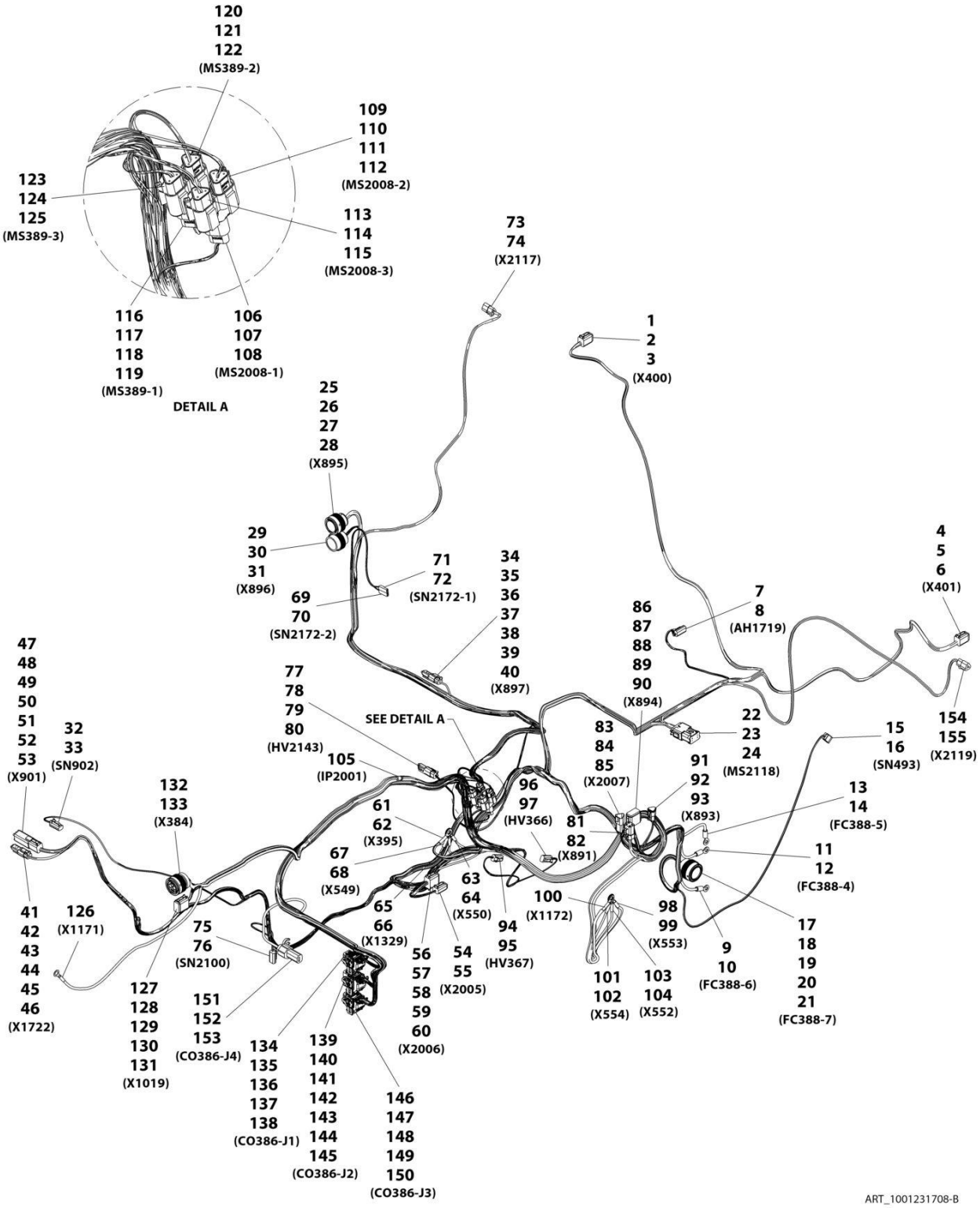


FIGURE 10-62. FRONT FRAME HARNESS (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231708	Ref	Front Frame Harness	B
1	4460894	1	Connector	
2	4460942	5	Terminal	
3	4460466	1	Plug	
4	4460894	1	Connector	
5	4460942	5	Terminal	
6	4460466	1	Plug	
7	4460891	1	Connector	
8	4460465	2	Terminal	
9	8220114	1	Connector	
10	8220114	1	Terminal	
11	8220114	1	Connector	
12	8220114	1	Terminal	
13	8220114	1	Connector	
14	8220114	1	Terminal	
15	4460911	1	Connector	
16	1001126008	3	Terminal	
17	1001165309	1	Connector	
18	4460466	6	Plug	
19	4460465	7	Terminal	
20	4460942	1	Terminal	
21	4460509	5	Terminal	
22	4460933	1	Connector	
23	4460942	12	Terminal	
24	1001200206	1	Connector	
25	1001118323	1	Connector	
26	4460942	3	Terminal	
27	91013192	2	Terminal	
28	4460466	1	Plug	
29	4461015	1	Connector	
30	4460465	7	Terminal	
31	4460466	7	Plug	
32	4460891	1	Connector	
33	4460465	2	Terminal	
34	4460891	1	Connector	
35	1001157890	1	Terminal	
36	4460466	1	Plug	
37	4460897	1	Attach Mating Connector	
38	4460466	1	Attach Mating Plug	
39	4460897	1	Connector	
40	4460466	2	Plug	
41	4460891	1	Connector	
42	4460897	1	Attach Mating Connector	
43	4460466	2	Attach Mating Plug	
44	4460942	2	Terminal	
45	4460897	1	Connector	
46	4460466	2	Plug	
47	4460894	1	Connector	
48	4460899	1	Attach Mating Connector	
49	4460466	2	Attach Mating Plug	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460942	4	Terminal	
51	4460465	2	Terminal	
52	4460899	1	Connector	
53	4460466	6	Plug	
54	4460884	1	Connector	
55	4460465	4	Terminal	
56	4460930	1	Connector	
57	1001157890	3	Terminal	
58	4460942	2	Terminal	
59	4460465	2	Terminal	
60	4460466	1	Plug	
61	1001117108	1	Connector	
62	1001117108	1	Terminal	
63	1001117108	1	Connector	
64	1001117108	1	Terminal	
65	1001117110	1	Connector	
66	1001117110	1	Terminal	
67	1001117110	1	Connector	
68	1001117110	1	Terminal	
69	1001116995	1	Connector	
70	1001118379	1	Terminal	
71	1001116995	1	Connector	
72	1001118379	1	Terminal	
73	4460539	1	Connector	
74	4460942	3	Terminal	
75	1001116950	1	Connector	
76	4460465	2	Terminal	
77	4460891	1	Connector	
78	4460465	2	Terminal	
79	4460466	2	Plug	
80	4460897	1	Connector	
81	1001116810	1	Connector	
82	4460509	4	Terminal	
83	1001144147	1	Connector	
84	4460464	2	Terminal	
85	4460466	1	Plug	
86	4460836	1	Connector	
87	4460942	2	Terminal	
88	4460465	8	Terminal	
89	4460466	1	Plug	
90	1001157890	1	Terminal	
91	1001116812	1	Connector	
92	4460465	2	Terminal	
93	4460466	1	Plug	
94	4460891	1	Connector	
95	4460465	2	Terminal	
96	4460891	1	Connector	
97	4460465	2	Terminal	
98	1001128127	1	Connector	
99	1001128127	2	Terminal	
100	1001117109	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001117108	1	Connector	
102	1001117108	1	Terminal	
103	1001117110	1	Connector	
104	1001117110	1	Terminal	
105	3990010	2	Diode	
106	1001116812	1	Connector	
107	4460944	2	Terminal	
108	4460466	1	Plug	
109	1001116812	1	Connector	
110	4460944	2	Terminal	
111	4460466	1	Plug	
112	4460945	1	Terminal	
113	1001116812	1	Connector	
114	4460944	2	Terminal	
115	4460466	1	Plug	
116	1001116812	1	Connector	
117	4460944	2	Terminal	
118	4460466	1	Plug	
119	4460945	1	Terminal	
120	4460539	1	Connector	
121	4460944	2	Terminal	
122	4460466	1	Plug	
123	1001116812	1	Connector	
124	4460944	2	Terminal	
125	4460466	1	Plug	
126	1001117109	1	Connector	
127	4460930	1	Connector	
128	4460465	4	Terminal	
129	4460942	1	Terminal	
130	1001157890	1	Terminal	
131	4460466	2	Plug	
132	1001165310	1	Connector	
133	91013192	2	Terminal	
134	1001161958	1	Connector	
135	1001161100	17	Plug	
136	1001161095	7	Terminal	
137	1001161101	6	Plug	
138	1001161098	2	Terminal	
139	1001161964	1	Connector	
140	1001161095	11	Terminal	
141	1001161097	2	Terminal	
142	1001161100	27	Plug	
143	1001161099	5	Plug	
144	1001161101	2	Plug	
145	1001161098	1	Terminal	
146	1001160499	1	Connector	
147	1001161095	9	Terminal	
148	1001161100	15	Plug	
149	1001161099	7	Plug	
150	1001161101	1	Plug	
151	1001160509	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	1001160510	1	Terminal	
153	1001175266	1	Seal	
154	4460539	1	Connector	
155	4460942	3	Terminal	

FIGURE 10-63. HYDROSTATIC HARNESS

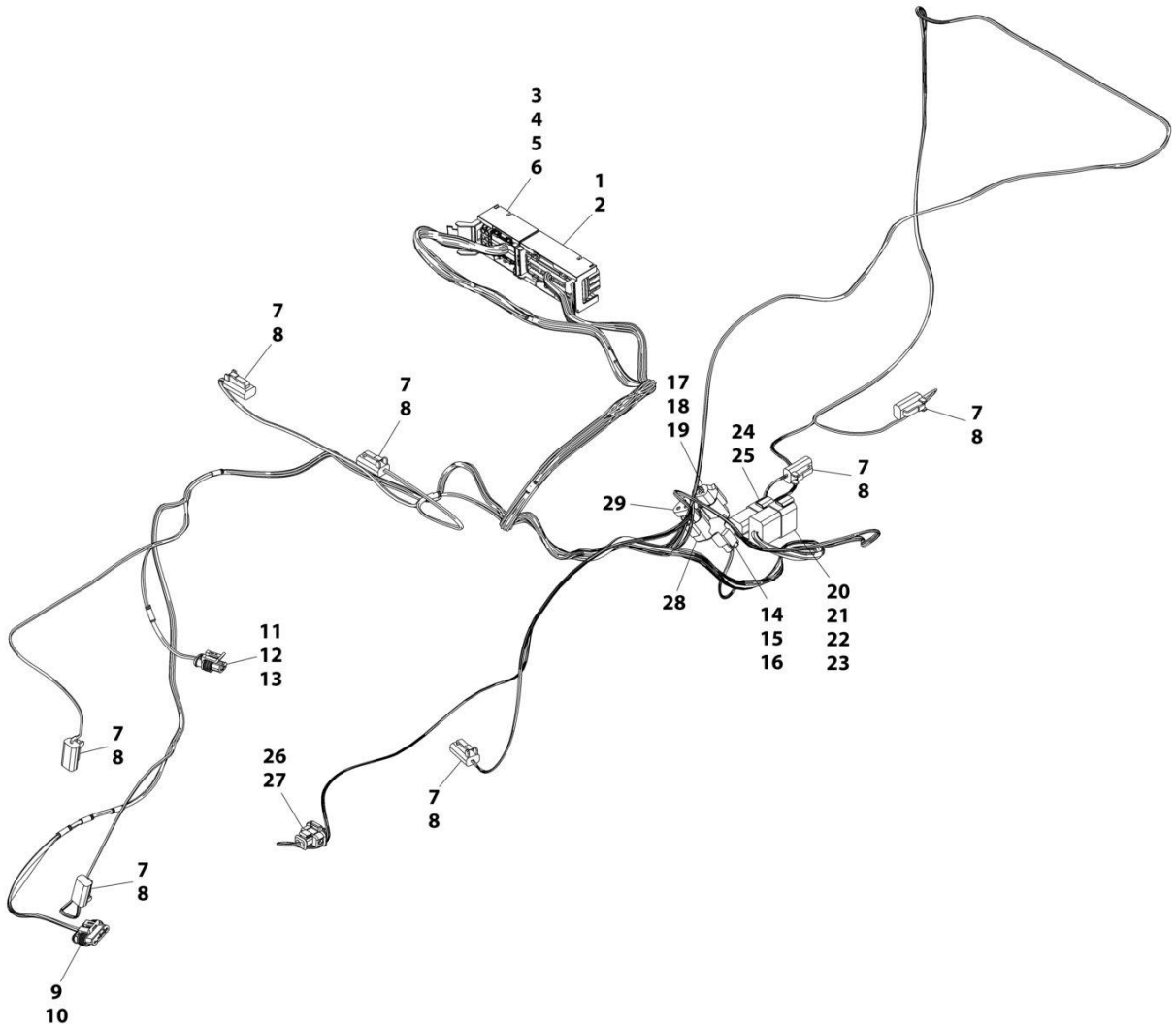


FIGURE 10-63. HYDROSTATIC HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183737	Ref	Hydrostatic Harness	E
1	1001182277	1	Connector	
2	1001182367	21	Terminal	
3	1001182265	1	Connector	
4	1001182361	6	Terminal	
5	1001182367	13	Terminal	
6	1001182365	6	Seal	
7	4460891	7	Connector	
8	4460465	2	Terminal	
9	1001103012	1	Connector	
10	1001107854	4	Terminal	
11	4461118	1	Connector	
12	1001107854	2	Terminal	
13	1001116763	2	Seal	
14	1001116812	1	Connector	
15	4460944	2	Terminal	
16	4460466	1	Plug	
17	4460539	1	Connector	
18	4460944	2	Terminal	
19	4460466	1	Plug	
20	4460931	1	Connector	
21	4460941	2	Terminal	
22	4460464	5	Terminal	
23	4460466	1	Plug	
24	4460932	1	Connector	
25	4460464	4	Terminal	
26	1001126487	1	Connector	
27	1001126484	2	Terminal	
28	4460945	1	Connector, 3Way	
29	1001116815	1	Connector	

FIGURE 10-64. REAR FRAME HARNESS (Prior to SN 1160008371)

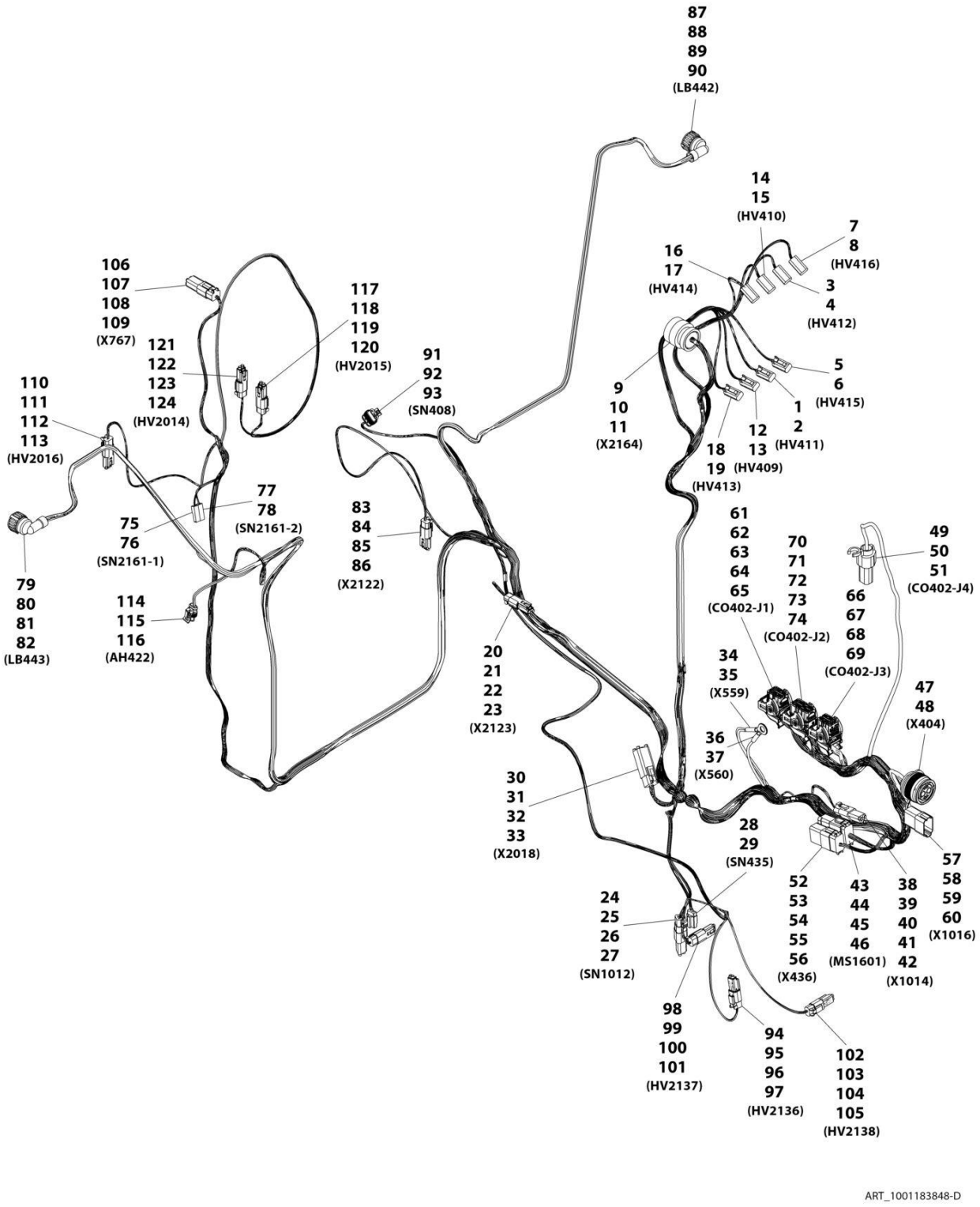


FIGURE 10-64. REAR FRAME HARNESS (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183848	Ref	Rear Frame Harness	D
1	4460891	1	Connector	
2	4460465	2	Terminal	
3	4460891	1	Connector	
4	4460465	2	Terminal	
5	4460891	1	Connector	
6	4460465	2	Terminal	
7	4460891	1	Connector	
8	4460465	2	Terminal	
9	1001109485	1	Connector	
10	4460465	12	Terminal	
11	4460466	2	Plug	
12	4460891	1	Connector	
13	4460465	2	Terminal	
14	4460891	1	Connector	
15	4460465	2	Terminal	
16	4460891	1	Connector	
17	4460465	2	Terminal	
18	4460891	1	Connector	
19	4460465	2	Terminal	
20	4460891	1	Connector	
21	4460465	2	Terminal	
22	4460897	1	Connector	
23	4460466	2	Plug	
24	4460539	1	Connector	
25	4460465	3	Terminal	
26	4460536	1	Connector	
27	4460466	3	Plug	
28	4460911	1	Connector	
29	1001126008	3	Terminal	
30	4460894	1	Connector	
31	4460942	6	Terminal	
32	4460899	1	Connector	
33	4460466	6	Plug	
34	1001117108	1	Connector	
35	1001117108	2	Terminal	
36	1001117110	1	Connector	
37	1001117110	1	Terminal	
38	4460539	1	Connector	
39	4460944	2	Terminal	
40	4460466	1	Plug	
41	4460536	1	Connector	
42	4460466	3	Plug	
43	4460933	1	Connector	
44	4460465	10	Terminal	
45	4460466	2	Plug	
46	1001125677	1	Connector	
47	1001165311	1	Connector	
48	91013191	2	Terminal	
49	1001160509	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001160510	1	Terminal	
51	1001175266	1	Seal	
52	4460930	1	Connector	
52	4460465	6	Terminal	
54	4460466	2	Plug	
55	4460931	1	Connector	
56	4460466	8	Plug	
57	4460931	1	Connector	
58	4460464	4	Terminal	
59	4460941	1	Terminal	
60	4460466	3	Plug	
61	1001161957	1	Connector	
62	1001161095	11	Terminal	
63	1001161100	13	Plug	
64	1001161101	4	Plug	
65	1001161099	4	Terminal	
66	1001160500	1	Connector	
67	1001161095	4	Terminal	
68	1001161100	20	Plug	
69	1001161099	8	Terminal	
70	1001161963	1	Connector	
71	1001161095	28	Terminal	
72	1001161100	12	Plug	
73	1001161099	7	Terminal	
74	1001161101	1	Plug	
75	1001116995	1	Connector	
76	1001118379	1	Terminal	
77	1001116995	1	Connector	
78	1001118379	1	Terminal	
79	1001116996	1	Connector	
80	1001118392	6	Terminal	
81	1001116696	1	Plug	
82	4461054	6	Seal	
83	4460891	1	Connector	
84	4460465	2	Terminal	
85	4460897	1	Connector	
86	4460466	2	Plug	
87	1001116996	1	Connector	
88	1001118392	6	Terminal	
89	1001116696	1	Plug	
90	4461054	6	Seal	
91	4461262	1	Connector	
92	1001107854	3	Terminal	
93	1001104498	3	Seal	
94	4460891	1	Connector	
95	4460465	2	Terminal	
96	4460897	1	Connector	
97	4460466	2	Plug	
98	4460891	1	Connector	
99	4460465	2	Terminal	
100	4460897	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	4460466	2	Plug	
102	4460891	1	Connector	
103	4460465	2	Terminal	
104	4460897	1	Connector	
105	4460466	2	Plug	
106	4460884	1	Connector	
107	4460465	4	Terminal	
108	4460932	1	Connector	
109	4460466	4	Plug	
110	4460891	1	Connector	
111	4460465	2	Terminal	
112	4460897	1	Connector	
113	4460466	2	Plug	
114	4461118	1	Connector	
115	1001107854	2	Terminal	
116	1001104498	2	Seal	
117	4460891	1	Connector	
118	4460465	2	Terminal	
119	4460897	1	Connector	
120	4460466	2	Plug	
121	4460891	1	Connector	
122	4460465	2	Terminal	
123	4460897	1	Connector	
124	4460466	2	Plug	

FIGURE 10-65. REAR FRAME HARNESS (SN 1160008371 to Present)

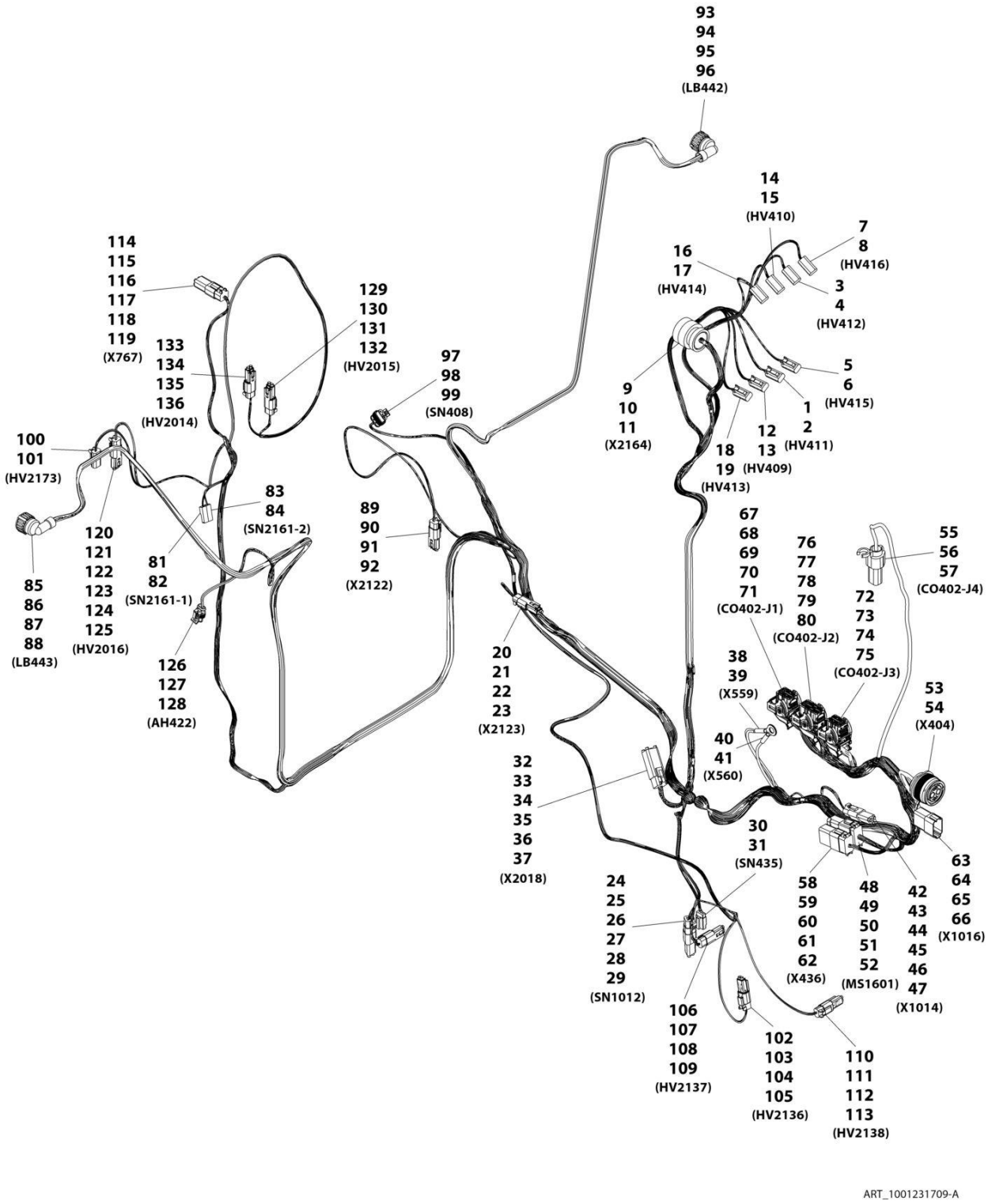


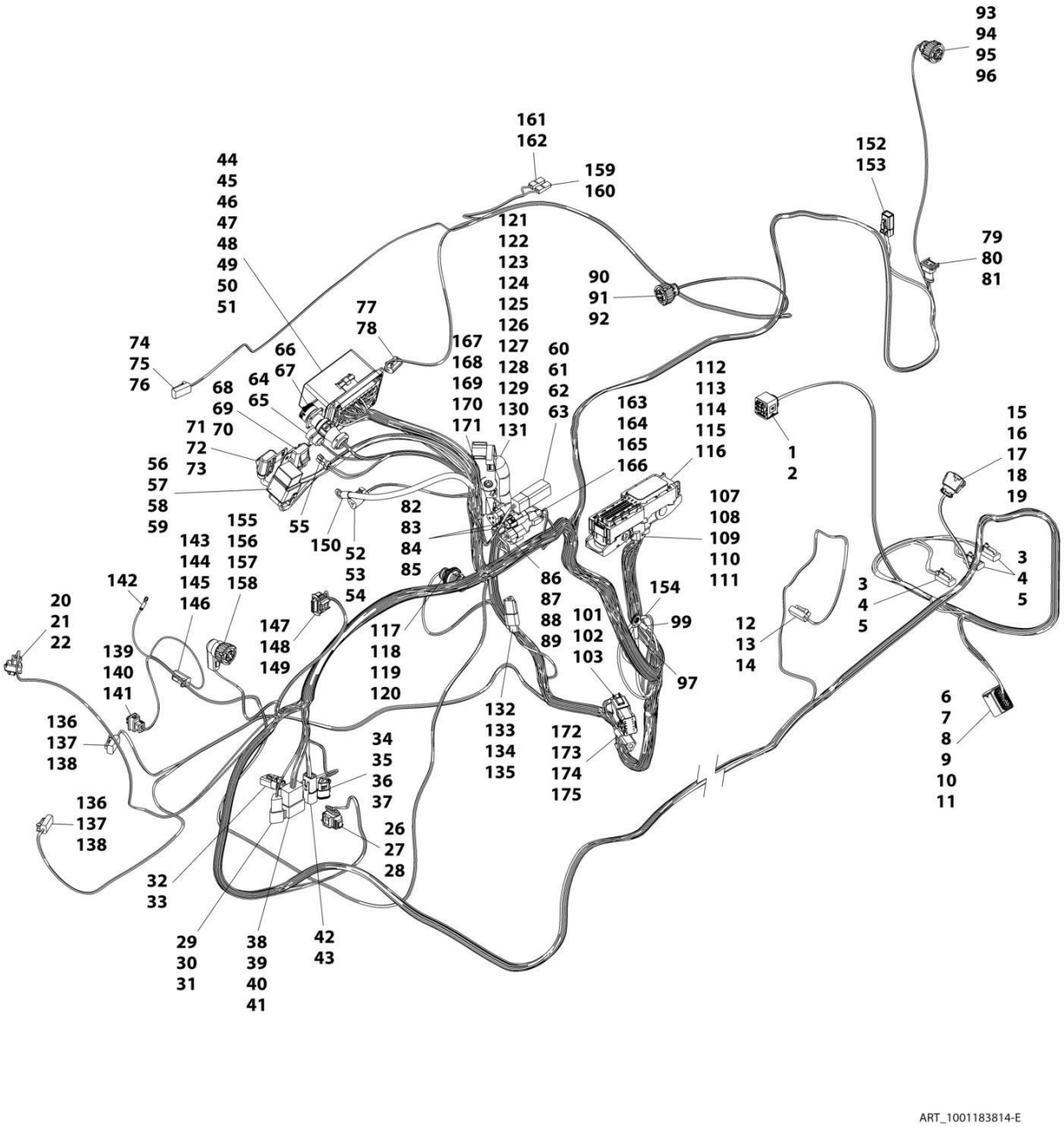
FIGURE 10-65. REAR FRAME HARNESS (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231709	Ref	Rear Frame Harness	A
1	4460891	1	Connector	
2	4460465	2	Terminal	
3	4460891	1	Connector	
4	4460465	2	Terminal	
5	4460891	1	Connector	
6	4460465	2	Terminal	
7	4460891	1	Connector	
8	4460465	2	Terminal	
9	1001109485	1	Connector	
10	4460465	12	Terminal	
11	4460466	3	Plug	
12	4460891	1	Connector	
13	4460465	2	Terminal	
14	4460891	1	Connector	
15	4460465	2	Terminal	
16	4460891	1	Connector	
17	4460465	2	Terminal	
18	4460891	1	Connector	
19	4460465	2	Terminal	
20	4460891	1	Connector	
21	4460465	2	Terminal	
22	4460897	1	Connector	
23	4460466	2	Plug	
24	4460539	1	Connector	
25	4460536	1	Attach Mating Connector	
26	4460466	3	Attach Mating Plug	
27	4460465	3	Terminal	
28	4460536	1	Connector	
29	4460466	3	Plug	
30	4460911	1	Connector	
31	1001126008	3	Terminal	
32	4460894	1	Connector	
33	4460899	1	Attach Mating Connector	
34	4460466	6	Attach Mating Plug	
35	4460942	6	Terminal	
36	4460899	1	Connector	
37	4460466	6	Plug	
38	1001117108	1	Connector	
39	1001117108	1	Terminal	
40	1001117110	1	Connector	
41	1001117110	1	Terminal	
42	4460539	1	Connector	
43	4460536	1	Attach Mating Connector	
44	4460466	3	Attach Mating Plug	
45	4460944	2	Terminal	
46	4460536	1	Connector	
47	4460466	3	Plug	
48	4460933	1	Connector	
49	1001125677	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460465	10	Terminal	
51	4460466	2	Plug	
52	1001125677	1	Connector	
53	1001165311	1	Connector	
54	91013191	2	Terminal	
55	1001160509	1	Connector	
56	1001160510	1	Terminal	
57	1001175266	1	Seal	
58	4460930	1	Connector	
59	4460465	6	Terminal	
60	4460466	2	Plug	
61	4460466	8	Plug	
62	4460931	1	Connector	
63	4460931	1	Connector	
64	4460464	4	Terminal	
65	4460941	1	Terminal	
66	4460466	3	Plug	
67	1001161957	1	Connector	
68	1001161095	11	Terminal	
69	1001161100	13	Plug	
70	1001161101	4	Plug	
71	1001161099	4	Plug	
72	1001160500	1	Connector	
73	1001161095	5	Terminal	
74	1001161100	19	Plug	
75	1001161099	8	Plug	
76	1001161963	1	Connector	
77	1001161095	28	Terminal	
78	1001161100	12	Plug	
79	1001161099	7	Plug	
80	1001161101	1	Plug	
81	1001116995	1	Connector	
82	1001118379	1	Terminal	
83	1001116995	1	Connector	
84	1001118379	1	Terminal	
85	1001116996	1	Connector	
86	1001118392	6	Terminal	
87	4461054	6	Seal	
88	1001116696	1	Plug	
89	4460891	1	Connector	
90	4460465	2	Terminal	
91	4460897	1	Connector	
92	4460466	2	Plug	
93	1001116996	1	Connector	
94	1001118392	6	Terminal	
95	4461054	6	Seal	
96	1001116696	1	Plug	
97	4461262	1	Connector	
98	1001107854	3	Terminal	
99	1001104498	3	Seal	
100	4460891	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	4460465	2	Terminal	
102	4460891	1	Connector	
103	4460465	2	Terminal	
104	4460466	2	Plug	
105	4460897	1	Connector	
106	4460891	1	Connector	
107	4460465	2	Terminal	
108	4460466	2	Plug	
109	4460897	1	Connector	
110	4460891	1	Connector	
111	4460465	2	Terminal	
112	4460897	1	Connector	
113	4460466	2	Plug	
114	4460884	1	Connector	
115	4460932	1	Attach Mating Connector	
116	4460466	4	Attach Mating Plug	
117	4460465	4	Terminal	
118	4460466	4	Plug	
119	4460932	1	Connector	
120	4460891	1	Connector	
121	4460897	1	Attach Mating Connector	
122	4460466	4	Attach Mating Plug	
123	4460465	2	Terminal	
124	4460466	2	Plug	
125	4460897	1	Connector	
126	4461118	1	Connector	
127	1001107854	2	Terminal	
128	1001104498	2	Seal	
129	4460891	1	Connector	
130	4460465	2	Terminal	
131	4460897	1	Connector	
132	4460466	2	Plug	
133	4460891	1	Connector	
134	4460465	2	Terminal	
135	4460897	1	Connector	
136	4460466	2	Plug	

FIGURE 10-66. ENGINE HARNESS (ULS)



ART_1001183814-E

FIGURE 10-66. ENGINE HARNESS (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183814	Ref	Engine Harness (ULS)	E
1	1001167528	1	Connector	
2	1001166704	4	Terminal	
3	4460891	3	Connector	
4	4460942	2	Terminal	
5	80604018	1	Lock, Connector	
6	1001165194	1	Connector	
7	1001126391	2	Terminal	
8	1001166556	8	Terminal	
9	1001166774	2	Terminal	
10	1001166701	8	Seal	
11	1001126393	2	Seal	
12	4460891	1	Connector	
13	4460465	2	Terminal	
14	80604018	1	Lock, Connector	
15	1001167620	1	Connector	
16	1001167622	1	Terminal	
17	1001167624	2	Plug	
18	1001167623	2	Seal	
19	1001116756	1	Terminal	
20	1001126487	1	Connector	
21	1001167635	2	Terminal	
22	1001126485	2	Seal	
26	1001167631	1	Connector	
27	1001167630	4	Terminal	
28	1001126485	4	Seal	
29	1001144147	1	Connector	
30	4460466	1	Plug	
31	4460464	2	Terminal	
32	1001126245	1	Connector	
33	1001126008	2	Terminal	
34	1001116812	1	Connector	
35	4460465	2	Terminal	
36	4460466	1	Plug	
37	91554019	1	Lock, Connector	
38	4460950	1	Connector	
39	4460464	10	Terminal	
40	4460941	2	Terminal	
41	80363179	1	Lock, Connector	
42	1001116811	1	Connector	
43	4460508	4	Terminal	
44	1001167616	1	Box, Main Fuse	
45	4460748	5	Plug	
46	8220097	24	TERMINAL,TANGLESS FEMALE METRI-PACK 280	
47	1001116725	3	Terminal	
48	8220098	13	Terminal	
49	1001175265	12	Seal	
50	4460458	19	Seal	
51	80963067	3	Seal	
52	4460539	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	4460465	3	Terminal	
54	77363244	1	Lock, Connector	
55	8220108	2	Connector, Female Blade	
56	1001118282	1	Connector	
57	1001116733	2	Terminal	
58	1001116734	2	Terminal	
59	1001128128	1	Plug	
60	4460894	1	Connector	
61	4460465	5	Terminal	
62	4460466	1	Plug	
63	4460892	1	Connector	
64	1001182377	1	Connector	
65	1001182468	2	Terminal	
66	2902443	1	Connector	
67	4461071	6	Terminal	
68	1001117018	1	Connector	
69	1001116734	1	Terminal	
70	1001116735	1	Terminal	
71	1001117070	1	Connector	
72	1001116734	1	Terminal	
73	1001116735	1	Terminal	
74	1001167688	1	Connector	
75	1001116734	2	Terminal	
76	1001126485	2	Seal	
77	1001116950	1	Connector	
78	4460465	2	Terminal	
79	1001167636	1	Connector	
80	1001166702	2	Terminal	
81	4461006	2	Seal	
82	1001116812	2	Connector	
83	4460944	2	Terminal	
84	4460466	1	Plug	
85	91554019	1	Lock, Connector	
86	4460539	1	Connector	
87	4460944	2	Terminal	
88	4460466	1	Plug	
89	77363244	1	Lock, Connector	
90	1001133714	1	Connector	
91	1001133715	3	Terminal	
92	1001135650	3	Seal	
93	1001133714	1	Connector	
94	1001133715	3	Terminal	
95	1001135651	1	Plug	
96	1001135650	3	Seal	
97	1001117110	3	Terminal, Ring	
99	1001117110	1	Terminal, Ring	
101	4460933	1	Connector	
102	4460944	12	Terminal	
103	1001125677	1	Connector	
107	1001167615	1	Connector	
108	1001166551	6	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
109	1001126353	6	Seal	
110	1001167622	57	Plug	
111	1001167621	18	Terminal	
112	1001167625	1	Connector	
113	1001167623	5	Plug	
114	1001166555	13	Terminal	
115	1001167622	36	Plug	
116	1001167621	51	Terminal	
117	1001148842	1	Connector	
118	1001148841	3	Terminal	
119	1001135651	1	Plug	
120	1001135650	3	Seal	
121	1001126362	1	Connector	
122	1001166556	26	Terminal	
123	1001166774	10	Terminal	
124	1001166541	2	Terminal	
125	1001166543	2	Terminal	
126	1001126391	20	Plug	
127	4461008	2	Plug	
128	1001166701	26	Seal	
129	1001126393	10	Seal	
130	4461006	2	Seal	
131	4461054	2	Seal	
132	4461095	1	Connector	
133	4460465	2	Terminal	
134	4460466	1	Plug	
135	4461070	1	Connector	
136	4460891	2	Connector	
137	4460465	2	Terminal	
138	80604018	1	Wedge Lock	
139	1001126487	1	Connector	
140	1001167634	2	Terminal	
141	1001126485	2	Seal	
142	4460247	1	Terminal, Ring	
143	4460891	1	Connector	
144	4460465	1	Terminal	
145	4460466	1	Plug	
146	80604018	1	Wedge Lock	
147	1001167629	1	Connector	
148	1001167630	4	Terminal	
149	1001126485	4	Seal	
150	8220115	1	Terminal, Ring	
152	4461018	1	Connector	
153	4460509	2	Terminal	
154	4460256	1	Terminal, Ring	
155	1001133714	1	Connector	
156	1001133715	3	Terminal	
157	1001135650	4	Seal	
158	1001201478	1	Connector	
159	1001116995	1	Connector	
160	1001118379	1	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
161	1001116995	1	Connector	
162	1001118379	1	Terminal	
163	1001116812	1	Connector	
164	4460944	2	Terminal	
165	4460466	1	Plug	
166	4460945	1	Connector	
167	1001116812	1	Connector	
168	4460944	2	Terminal	
169	4460466	1	Plug	
170	4460945	1	Connector	
171	1001116815	1	Terminal	
172	4461095	1	Connector	
173	4460465	2	Terminal	
174	4460466	1	Plug	
175	4461070	1	Connector	

FIGURE 10-67. ENGINE HARNESS (LS)

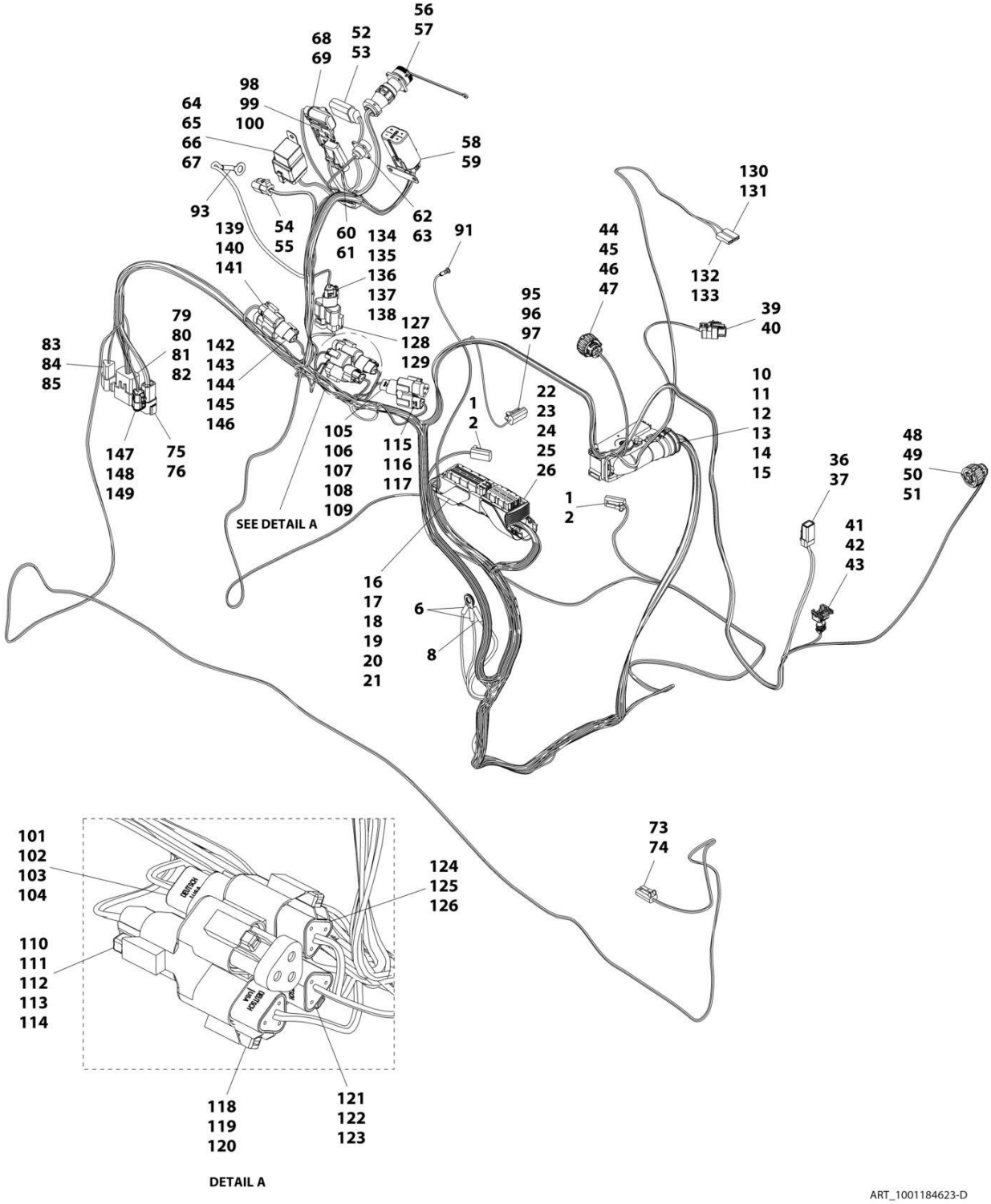


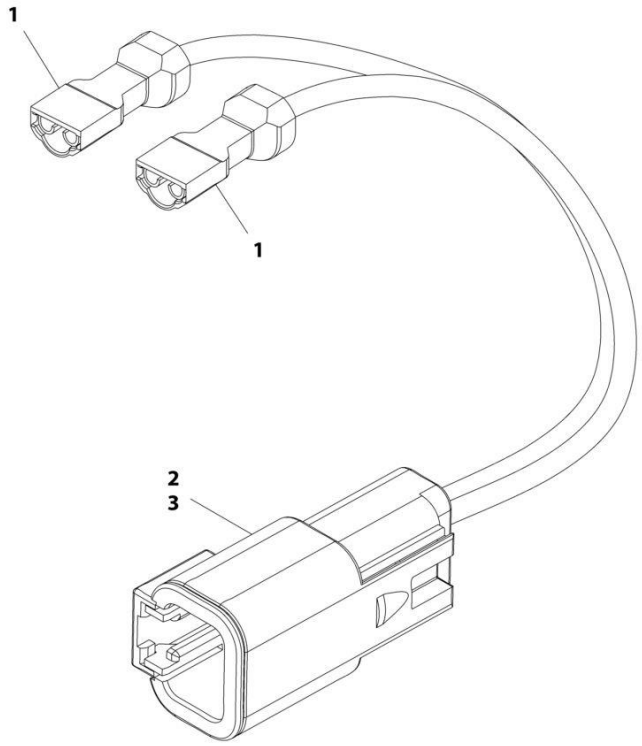
FIGURE 10-67. ENGINE HARNESS (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184623	Ref	Engine Harness (LS)	D
1	4460891	2	Connector	
2	4460465	2	Terminal	
6	1001117110	2	Ring, Terminal	
8	1001117109	1	Ring, Terminal	
10	1001126362	1	Connector	
11	1001166556	24	Terminal	
12	1001126391	22	Plug	
13	1001166774	10	Terminal	
14	4461008	4	Plug	
15	1001166543	2	Terminal	
16	1001126349	1	Connector	
17	1001126352	6	Terminal	
18	1001126357	2	Plug	
19	1001126356	64	Plug	
20	1001126384	22	Terminal	
21	1001126353	6	Seal	
22	1001126360	1	Connector	
23	1001126357	11	Plug	
24	1001126351	12	Terminal	
25	1001126356	19	Plug	
26	1001126384	18	Terminal	
36	4461018	1	Connector	
37	4460509	2	Terminal	
39	1001116950	1	Connector	
40	4460465	2	Terminal	
41	1001116983	1	Connector	
42	1001116710	2	Terminal	
43	4461006	2	Seal	
44	1001133714	1	Connector	
45	1001133715	3	Terminal	
46	1001135651	1	Plug	
47	1001135650	3	Seal	
48	1001133714	1	Connector	
49	1001133715	3	Terminal	
50	1001135651	1	Plug	
51	1001135650	3	Seal	
52	1001117022	1	Connector	
53	1001116734	2	Terminal	
54	4460539	1	Connector	
55	4460465	3	Terminal	
56	2902443	1	Connector	
57	4461071	6	Terminal	
58	1001184551	1	Connector	
59	1001116728	8	Terminal	
60	1001117018	1	Connector	
61	1001116734	2	Terminal	
62	1001182377	1	Connector	
63	1001182468	2	Terminal	
64	1001118282	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
65	1001116733	2	Terminal	
66	1001116734	2	Terminal	
67	1001128128	1	Plug	
68	1001119412	1	Connector	
69	1001116734	2	Terminal	
73	4460891	1	Connector	
74	4460465	2	Terminal	
75	1001116811	1	Connector	
76	4460508	4	Terminal	
79	4460950	1	Connector	
80	4460464	4	Terminal	
81	4460466	7	Plug	
82	4460941	1	Terminal	
83	1001144147	1	Connector	
84	4460464	2	Terminal	
85	4460941	2	Terminal	
91	4460247	1	Terminal, Ring	
93	1001117110	1	Terminal, Ring	
95	4460891	1	Connector	
96	4460465	1	Terminal	
97	4460466	1	Plug	
98	1001119412	1	Connector	
99	1001116734	1	Terminal	
100	1001116732	1	Terminal	
101	1001116812	1	Connector	
102	4460944	2	Terminal	
103	4460466	1	Plug	
104	4460945	1	Connector	
105	1001116812	1	Connector	
106	4460944	2	Terminal	
107	4460466	1	Plug	
108	4460945	1	Connector	
109	1001116815	1	Terminal	
110	1001116812	1	Connector	
111	4460944	2	Terminal	
112	4460466	1	Plug	
113	4460945	1	Connector	
114	1001116815	1	Terminal	
115	1001116812	1	Connector	
116	4460944	2	Terminal	
117	4460466	1	Plug	
118	1001116812	1	Connector	
119	4460944	2	Terminal	
120	4460466	1	Plug	
121	1001116812	1	Connector	
122	4460944	2	Terminal	
123	4460466	1	Plug	
124	1001116812	1	Connector	
125	4460944	2	Terminal	
126	4460466	1	Plug	
127	1001116812	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
128	4460944	2	Terminal	
129	4460466	1	Plug	
130	1001116995	1	Connector	
131	1001118379	1	Terminal	
132	1001116995	1	Connector	
133	1001118379	1	Terminal	
134	1001116812	1	Connector	
135	4460944	2	Terminal	
136	4460466	1	Plug	
137	4460945	1	Connector	
138	1001116815	1	Terminal	
139	1001116812	1	Connector	
140	4460944	2	Terminal	
141	4460466	1	Plug	
142	1001116812	1	Connector	
143	4460944	2	Terminal	
144	4460466	1	Plug	
145	4460945	1	Connector	
146	1001116815	1	Terminal	
147	1001116812	1	Connector	
148	4460465	2	Terminal	
149	4460466	1	Plug	

FIGURE 10-68. FUEL PUMP HARNESS

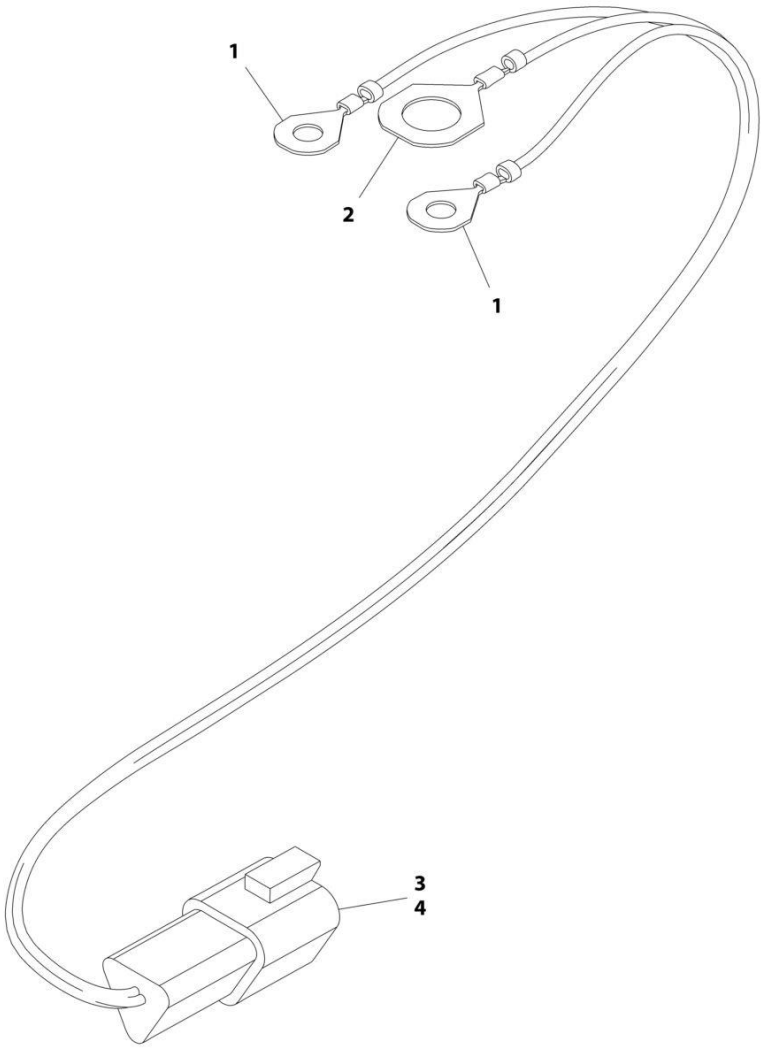


ART_1001182929-E

FIGURE 10-68. FUEL PUMP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182929	Ref	Fuel Pump Harness	E
1	8220043	2	Connector	
2	4461017	1	Connector	
3	4460508	2	Terminal	

FIGURE 10-69. GLOW PLUG RELAY HARNESS

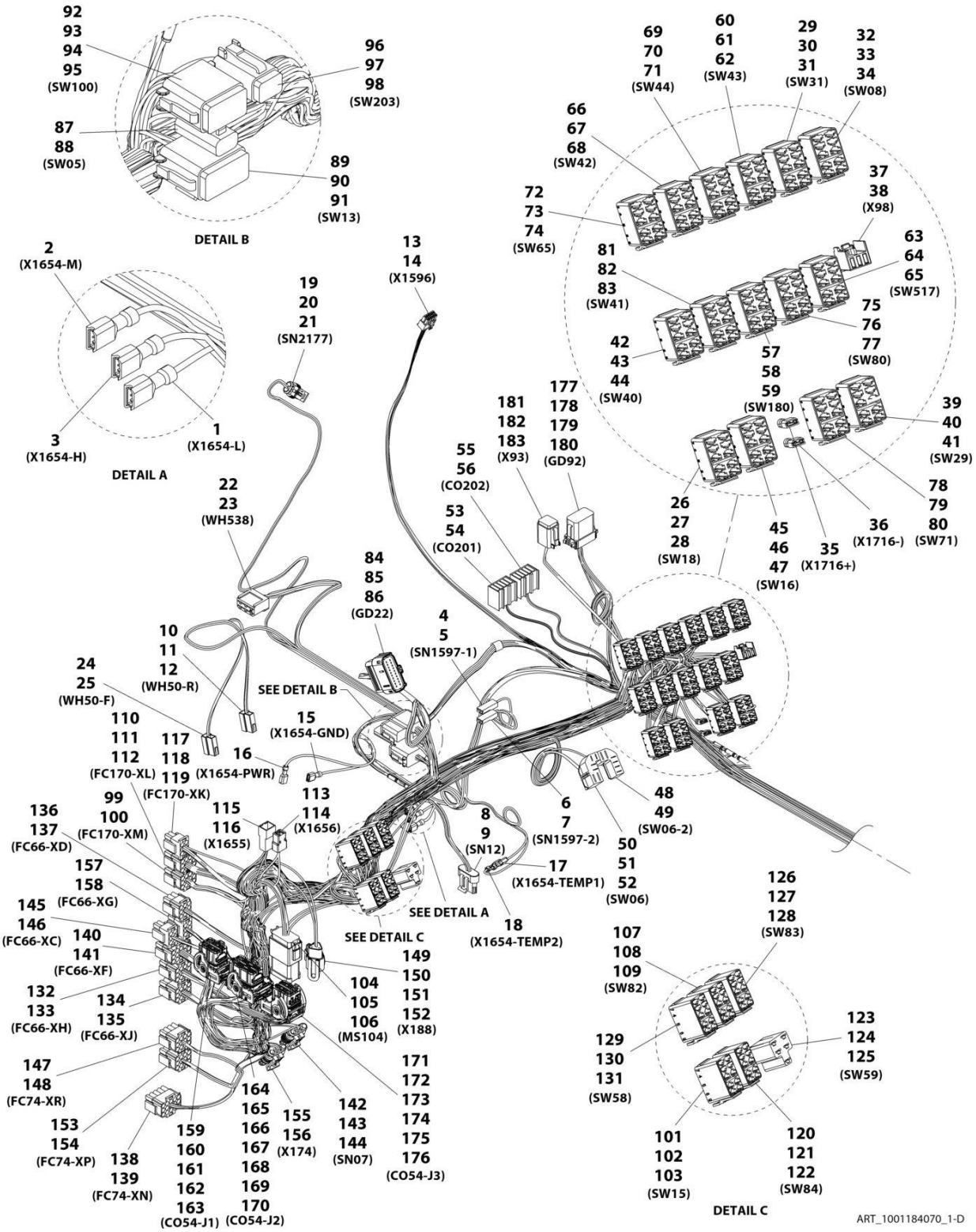


ART_1001182930-C

FIGURE 10-69. GLOW PLUG RELAY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182930	Ref	Glow Plug Relay Harness	C
1	1001187070	2	Ring, Terminal	
2	1001187077	1	Ring, Terminal	
3	4460536	1	Connector	
4	4460464	3	Terminal	

FIGURE 10-70. CAB HARNESS



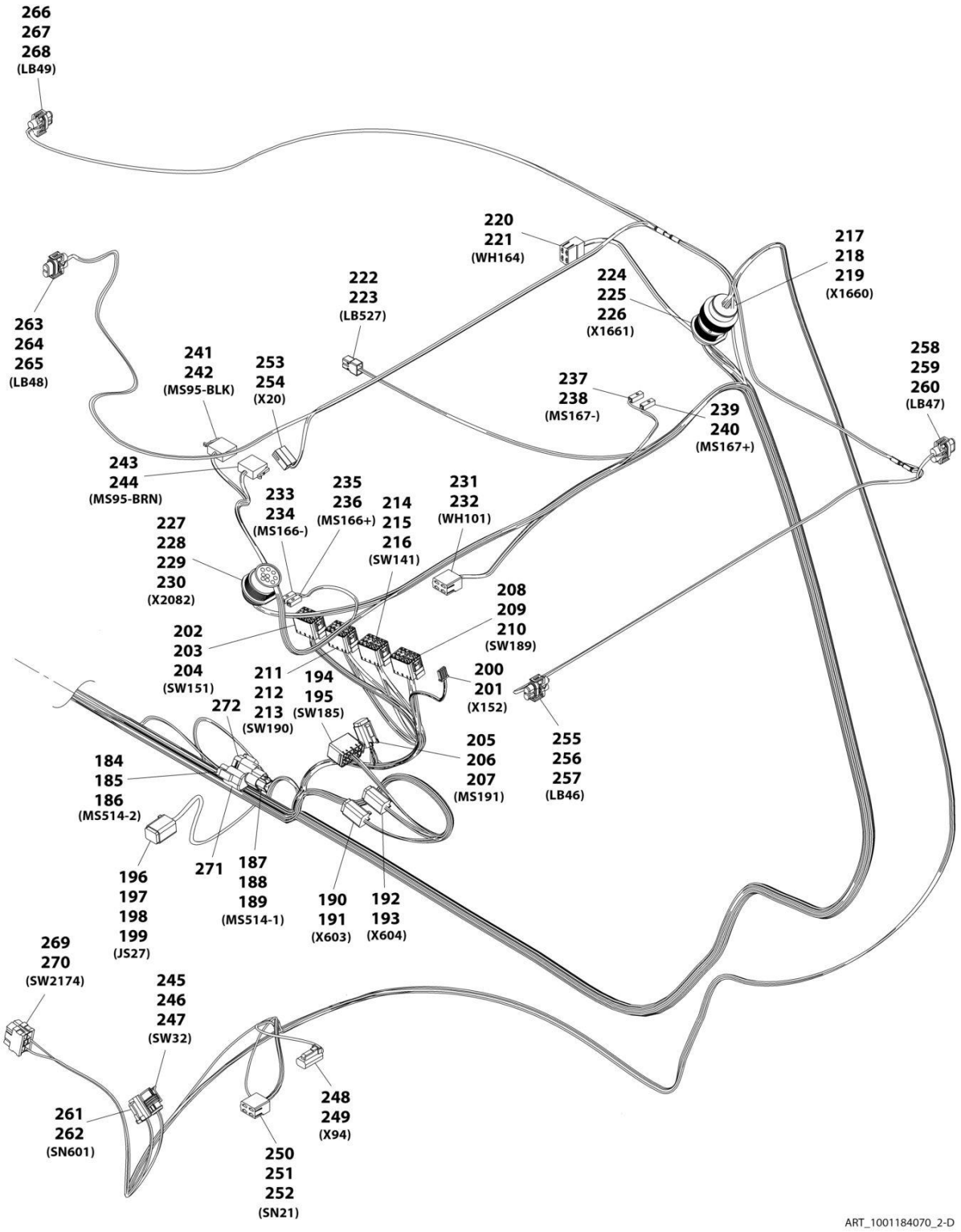

266
267
268
(LB49)
263
264
265
(LB48)
241
242
(MS95-BLK)
253
254
(X20)
222
223
(LB527)
220
221
(WH164)
224
225
226
(X1661)
217
218
219
(X1660)
237
238
(MS167-)
239
240
(MS167+)
258
259
260
(LB47)
243
244
(MS95-BRN)
233
234
(MS166-)
235
236
(MS166+)
214
215
216
(SW141)
231
232
(WH101)
227
228
229
230
(X2082)
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(SW189)
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(SW151)
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(SW190)
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(X152)
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(LB46)
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190
191
(X603)
192
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(X604)
269
270
(SW2174)
245
246
247
(SW32)
261
262
(SN601)
248
249
(X94)
250
251
252
(SN21)
ART_1001184070_2-D

FIGURE 10-70. CAB HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184070	Ref	Cab Harness	D
1	8220051	1	Connector	
2	8220051	1	Connector	
3	8220051	1	Connector	
4	1001116995	1	Connector	
5	1001118379	1	Terminal	
6	1001116995	1	Connector	
7	1001118379	2	Terminal	
8	1001230931	1	Connector	
9	1001116748	6	Terminal	
10	4460994	1	Connector	
11	1001118384	1	Terminal	
12	1001116723	2	Terminal	
13	1001150735	1	Connector	
14	1001150737	7	Terminal	
15	8220051	1	Connector	
16	8220051	1	Connector	
17	8220051	1	Connector	
18	8220051	1	Connector	
19	4461118	1	Connector	
20	1001107854	2	Terminal	
21	1001104498	2	Seal	
22	1001116997	1	Connector	
23	1001118384	5	Terminal	
24	4460994	1	Connector	
25	1001118384	2	Terminal	
26	1001117081	1	Connector	
27	1001118384	5	Terminal	
28	1001116723	6	Terminal	
29	1001117081	1	Connector	
30	1001118384	2	Terminal	
31	1001116723	4	Terminal	
32	1001117079	1	Connector	
33	1001116723	6	Terminal	
34	1001118384	2	Terminal	
35	8220051	1	Connector	
36	8220051	1	Connector	
37	1001118684	1	Connector	
38	1001116754	2	Terminal	
39	1001117081	1	Connector	
40	1001116723	10	Terminal	
41	1001118384	1	Terminal	
42	1001117081	1	Connector	
43	1001118384	4	Terminal	
44	1001116723	6	Terminal	
45	1001117081	1	Connector	
46	1001116723	6	Terminal	
47	1001118384	1	Terminal	
48	1001117121	1	Connector	
49	1001104519	1	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001118685	1	Connector	
51	1001104519	3	Terminal	
52	1001118383	1	Terminal	
53	1001214686	1	Connector	
54	1001116753	5	Terminal	
55	1001214687	1	Connector	
56	1001116753	3	Terminal	
57	1001117081	1	Connector	
58	1001118384	3	Terminal	
59	1001116723	4	Terminal	
60	1001117081	1	Connector	
61	1001118384	2	Terminal	
62	1001116723	4	Terminal	
63	1001117081	1	Connector	
64	1001116723	6	Terminal	
65	1001118384	1	Terminal	
66	1001117081	1	Connector	
67	1001118384	2	Terminal	
68	1001116723	4	Terminal	
69	1001117081	1	Connector	
70	1001118384	2	Terminal	
71	1001116723	4	Terminal	
72	1001117081	1	Connector	
73	1001116723	6	Terminal	
74	1001118384	1	Terminal	
75	1001117081	1	Connector	
76	1001116723	6	Terminal	
77	1001118384	1	Terminal	
78	1001117081	1	Connector	
79	1001116723	8	Terminal	
80	1001118384	2	Terminal	
81	1001117081	1	Connector	
82	1001118384	3	Terminal	
83	1001116723	4	Terminal	
84	1001162886	1	Connector	
85	1001163340	13	Plug	
86	1001162887	7	Terminal	
87	4460897	1	Connector	
88	4460464	1	Terminal	
89	4460933	1	Connector	
90	4460465	9	Terminal	
91	4460466	3	Plug	
92	4460836	1	Connector	
93	4460942	3	Terminal	
94	4460465	8	Terminal	
95	4460466	1	Plug	
96	4460884	1	Connector	
97	4460942	2	Terminal	
98	4460466	2	Plug	
99	4460343	1	Connector	
100	4460267	7	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001117081	1	Connector	
102	1001116723	6	Terminal	
103	1001118384	1	Terminal	
104	4460933	1	Connector	
105	1001125677	1	Connector, Buss Bar	
106	4460465	12	Terminal	
107	1001117081	1	Connector	
108	1001116723	6	Terminal	
109	1001118384	1	Terminal	
110	4460343	1	Connector	
111	4460268	8	Terminal	
112	4460906	1	Terminal	
113	1001116991	1	Connector	
114	1001118384	2	Terminal	
115	1001116999	1	Connector	
116	1001116700	4	Terminal	
117	4460225	1	Connector	
118	4460267	5	Terminal	
119	4460906	1	Terminal	
120	1001117081	1	Connector	
121	1001116723	6	Terminal	
122	1001118384	1	Terminal	
123	1001173411	1	Connector	
124	1001116716	2	Terminal	
125	1001104519	5	Terminal	
126	1001117081	1	Connector	
127	1001116723	6	Terminal	
128	1001118384	1	Terminal	
129	1001117081	1	Connector	
130	1001118384	2	Terminal	
131	1001116723	4	Terminal	
132	4460343	1	Connector	
133	4460268	9	Terminal	
134	4460343	1	Connector	
135	4460267	9	Terminal	
136	4460265	1	Connector	
137	4460268	5	Terminal	
138	4460434	1	Connector	
139	4460268	7	Terminal	
140	4460434	1	Connector	
141	4460268	15	Terminal	
142	1001103012	1	Connector	
143	1001116697	2	Terminal	
144	1001116698	2	Plug	
145	4460225	1	Connector	
146	4460267	3	Terminal	
147	4460343	1	Connector	
148	4460267	3	Terminal	
149	1001116812	1	Connector	
150	4460944	2	Terminal	
151	4460466	1	Plug	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
152	1001144296	1	Cap	
153	4460343	1	Connector	
154	4460268	6	Terminal	
155	4461262	1	Connector	
156	1001107854	3	Terminal	
157	4460225	1	Connector	
158	4460268	5	Terminal	
159	1001160498	1	Connector	
160	1001161095	24	Terminal	
161	1001161098	6	Terminal	
162	1001161099	1	Terminal	
163	1001161101	1	Plug	
164	1001160502	1	Connector	
165	1001161095	25	Terminal	
166	1001161100	14	Plug	
167	1001161097	1	Terminal	
168	1001161098	5	Terminal	
169	1001161099	1	Terminal	
170	1001161101	2	Plug	
171	1001161959	1	Connector	
172	1001161095	12	Terminal	
173	1001161097	6	Terminal	
174	1001161100	5	Plug	
175	1001161098	2	Terminal	
176	1001161101	7	Plug	
177	1001176333	1	Connector	
178	4460465	3	Terminal	
179	4460466	11	Plug	
180	4460944	4	Terminal	
181	4460930	1	Connector	
182	4460465	2	Terminal	
183	4460466	6	Plug	
184	4460539	1	Connector	
185	4460944	2	Terminal	
186	4460466	1	Plug	
187	1001116812	1	Connector	
188	4460944	2	Terminal	
189	4460466	1	Plug	
190	4460884	1	Connector	
191	4460465	4	Terminal	
192	4460884	1	Connector	
193	4460465	4	Terminal	
194	1001117081	1	Connector	
195	1001118384	5	Terminal	
196	4460894	1	Connector	
197	4460465	3	Terminal	
198	4460944	2	Terminal	
199	4460466	1	Plug	
200	1001184473	1	Connector	
201	1001184479	3	Terminal	
202	1001117081	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	1001118384	1	Terminal	
204	1001116723	12	Terminal	
205	4460884	1	Connector	
206	1001201070	1	Connector	
207	4460465	4	Terminal	
208	1001117081	1	Connector	
209	1001116723	6	Terminal	
210	1001118384	1	Terminal	
211	1001117081	1	Connector	
212	1001116723	6	Terminal	
213	1001118384	1	Terminal	
214	1001117081	1	Connector	
215	1001116723	6	Terminal	
216	1001118384	1	Terminal	
217	1001201080	1	Connector	
218	4460465	8	Terminal	
219	4460942	6	Terminal	
220	1001116986	1	Connector	
221	1001118384	4	Terminal	
222	1001116991	1	Connector	
223	1001118384	2	Terminal	
224	1001201081	1	Connector	
225	4460464	8	Terminal	
226	4460943	6	Terminal	
227	1001112612	1	Connector	
228	4460464	3	Terminal	
229	4460466	4	Plug	
230	4460943	2	Terminal	
231	1001116986	1	Connector	
232	1001118384	4	Terminal	
233	1001116998	1	Connector	
234	1001118387	1	Terminal	
235	1001116998	1	Connector	
236	1001118387	1	Terminal	
237	1001116998	1	Connector	
238	1001118387	1	Terminal	
239	1001116998	1	Connector	
240	1001118387	1	Terminal	
241	1001116985	1	Connector	
242	1001118386	3	Terminal	
243	1001116984	1	Connector	
244	1001118386	4	Terminal	
245	4461262	1	Connector	
246	1001107854	2	Terminal	
247	1001116698	1	Plug	
248	4460891	1	Connector	
249	4460465	2	Terminal	
250	1001116986	1	Connector	
251	1001118384	2	Terminal	
252	1001116723	4	Terminal	
253	4460994	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
254	1001118384	2	Terminal	
255	4461115	1	Connector	
256	1001116728	2	Terminal	
257	4460458	2	Seal	
258	4461115	1	Connector	
259	1001116728	2	Terminal	
260	4460458	2	Seal	
261	4460891	1	Connector	
262	4460465	2	Terminal	
263	4461115	1	Connector	
264	1001116728	2	Terminal	
265	4460458	2	Seal	
266	4461115	1	Connector	
267	1001116728	2	Terminal	
268	4460458	2	Seal	
269	4460418	1	Connector	
270	4460419	2	Terminal	
271	4460945	1	Connector, 3 Way	
272	1001116815	1	Connector, 3 Pin	

FIGURE 10-71. CAB OPTION HARNESS

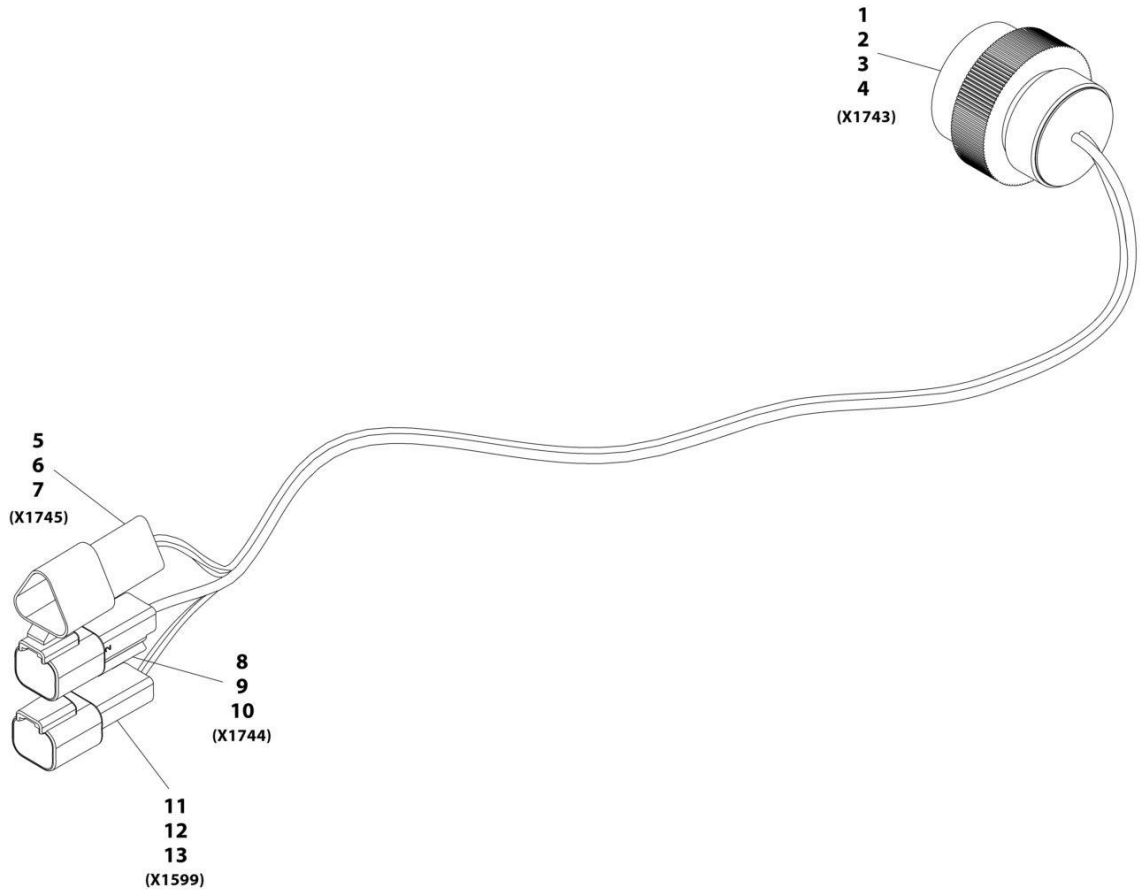


FIGURE 10-71. CAB OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181681	Ref	Cab Option Harness	D
1	4461015	1	Connector	
2	4460465	5	Terminal	
3	4460466	8	Plug	
4	4460942	1	Terminal	
5	1001144147	1	Connector	
6	4460943	2	Terminal	
7	4460466	1	Plug	
8	4460897	1	Connector	
9	4460941	1	Terminal	
10	4460466	1	Plug	
11	4460932	1	Connector	
12	4460464	3	Terminal	
13	4460466	1	Plug	

FIGURE 10-72. CAB HEATER HARNESS INSTALLATION

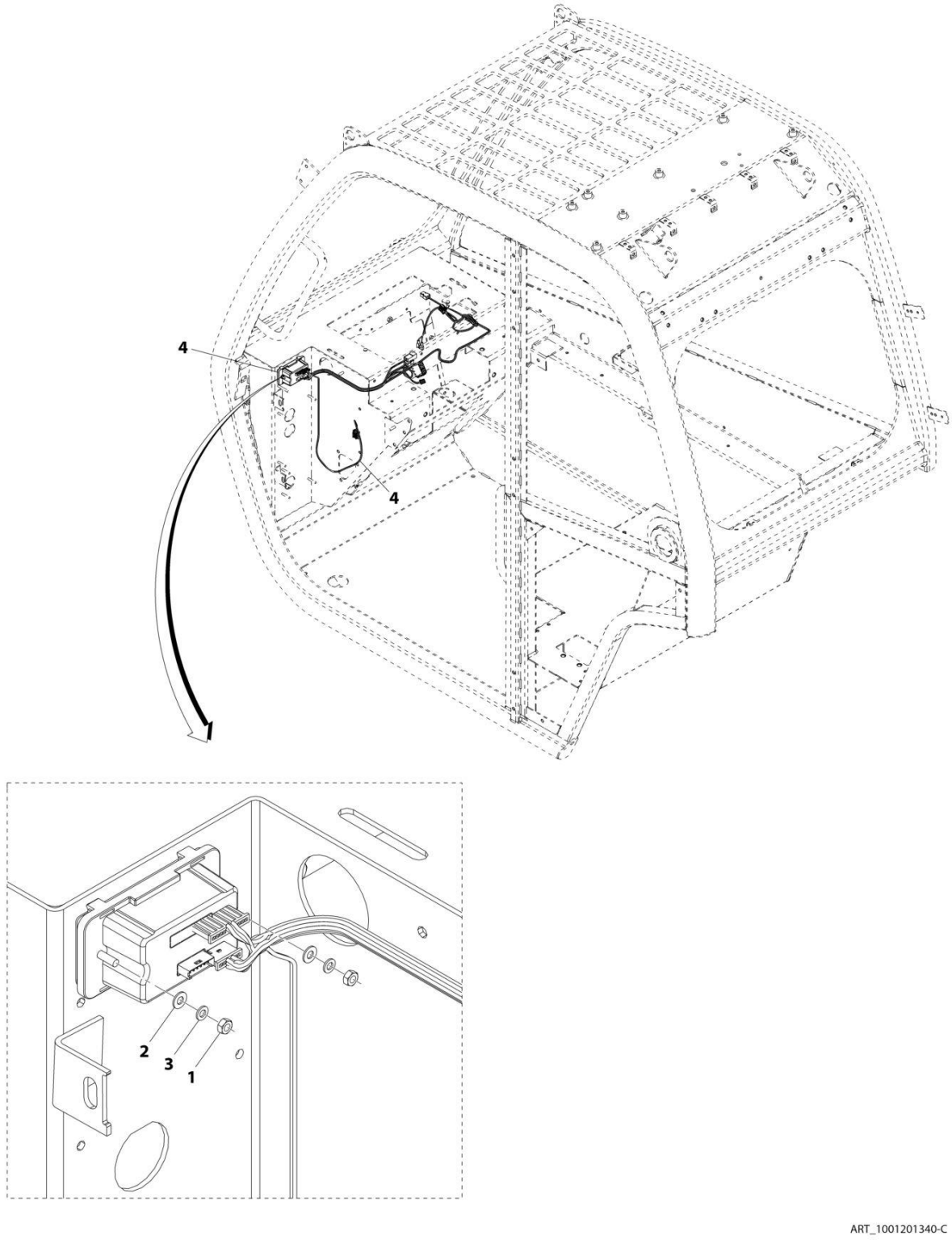


FIGURE 10-72. CAB HEATER HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201340	Ref	Cab Heater Harness Installation	C
1	3290401	2	Nut, M4X0.7 Grade 8	
2	4811400	2	Washer, M4	
3	4831400	2	Washer, Lock M4	
4	1001202516	1	Harness, Cab Heater (See Separate Breakdown in this Section)	

FIGURE 10-73. CAB HEATER HARNESS (Prior to SN 1160008371)

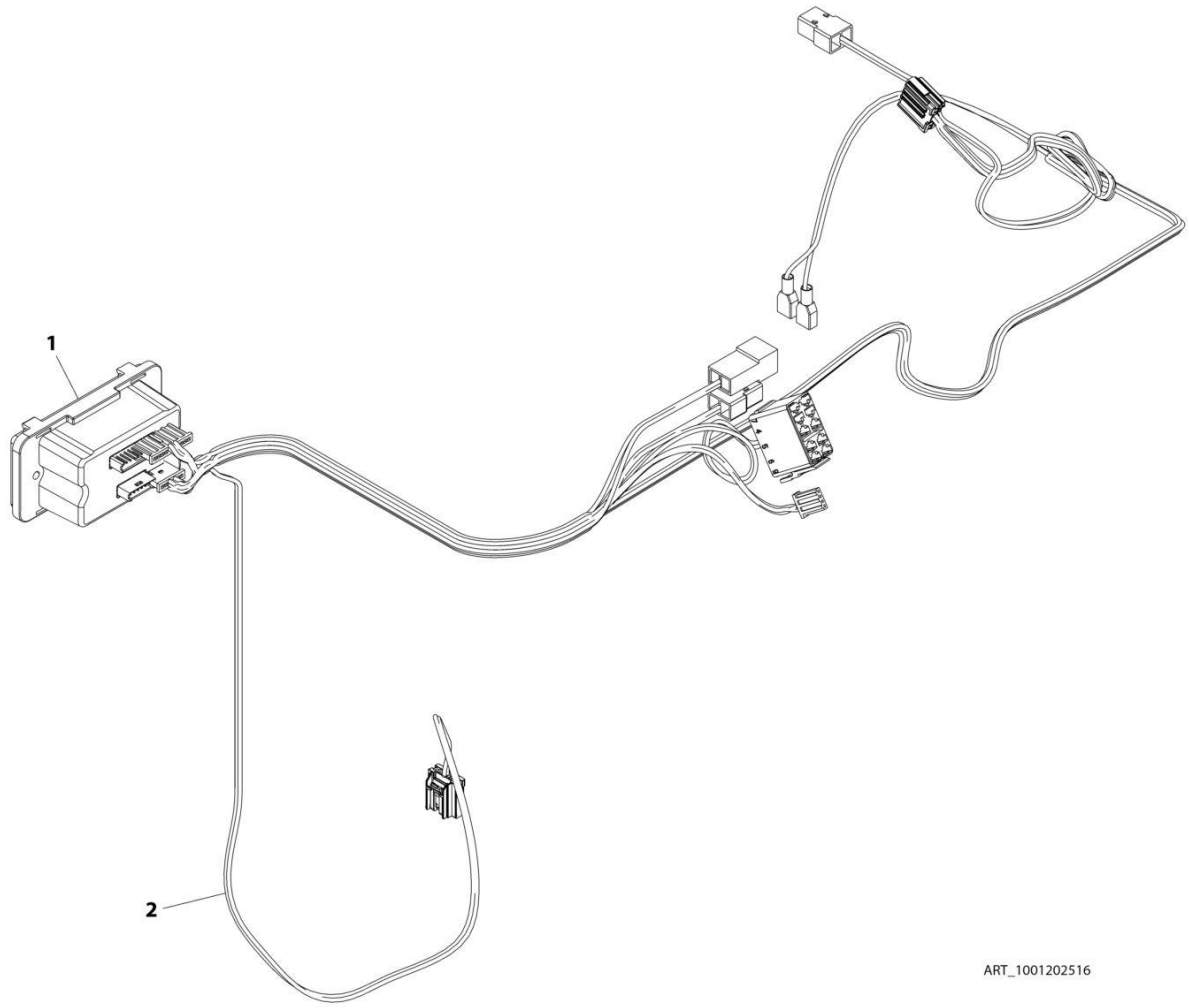


FIGURE 10-73. CAB HEATER HARNESS (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202516	Ref	CAB HEATER HARNESS	F
1	1001172551	1	Actuator, HVAC (See Separate Breakdown in CAB Section)	
2	1001221056	1	HVAC Cab Actuator Harness (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 10-74. CAB HEATER HARNESS (SN 1160008371 to Present)

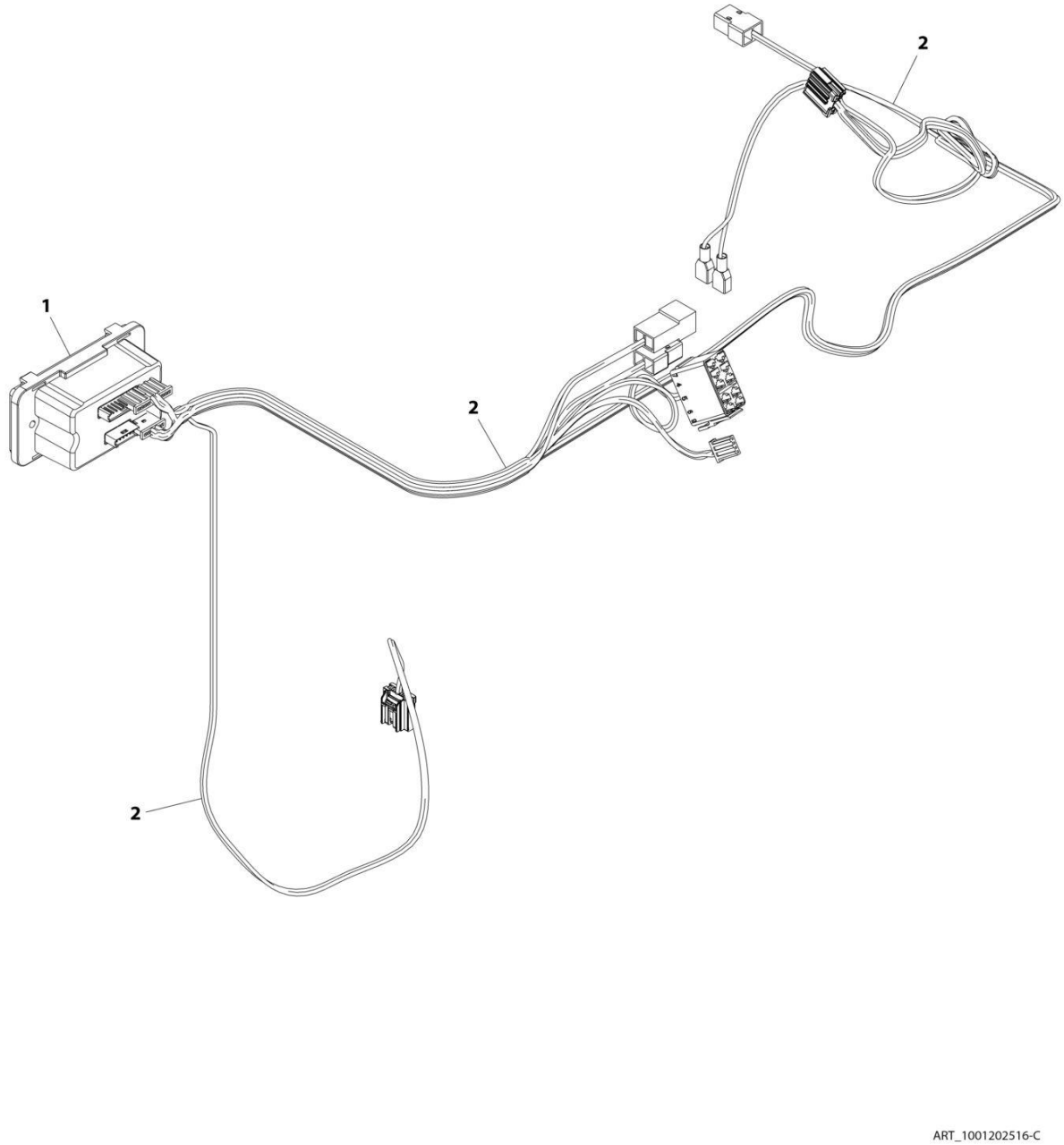


FIGURE 10-74. CAB HEATER HARNESS (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202516	Ref	Cab Heater Harness	C
1	1001172551	Ref	Actuator, HVAC (See Separate Breakdown in CAB Section)	
2	1001221056	Ref	Harness, HVAC Cab Actuator	

FIGURE 10-75. A/C OPTION HARNESS

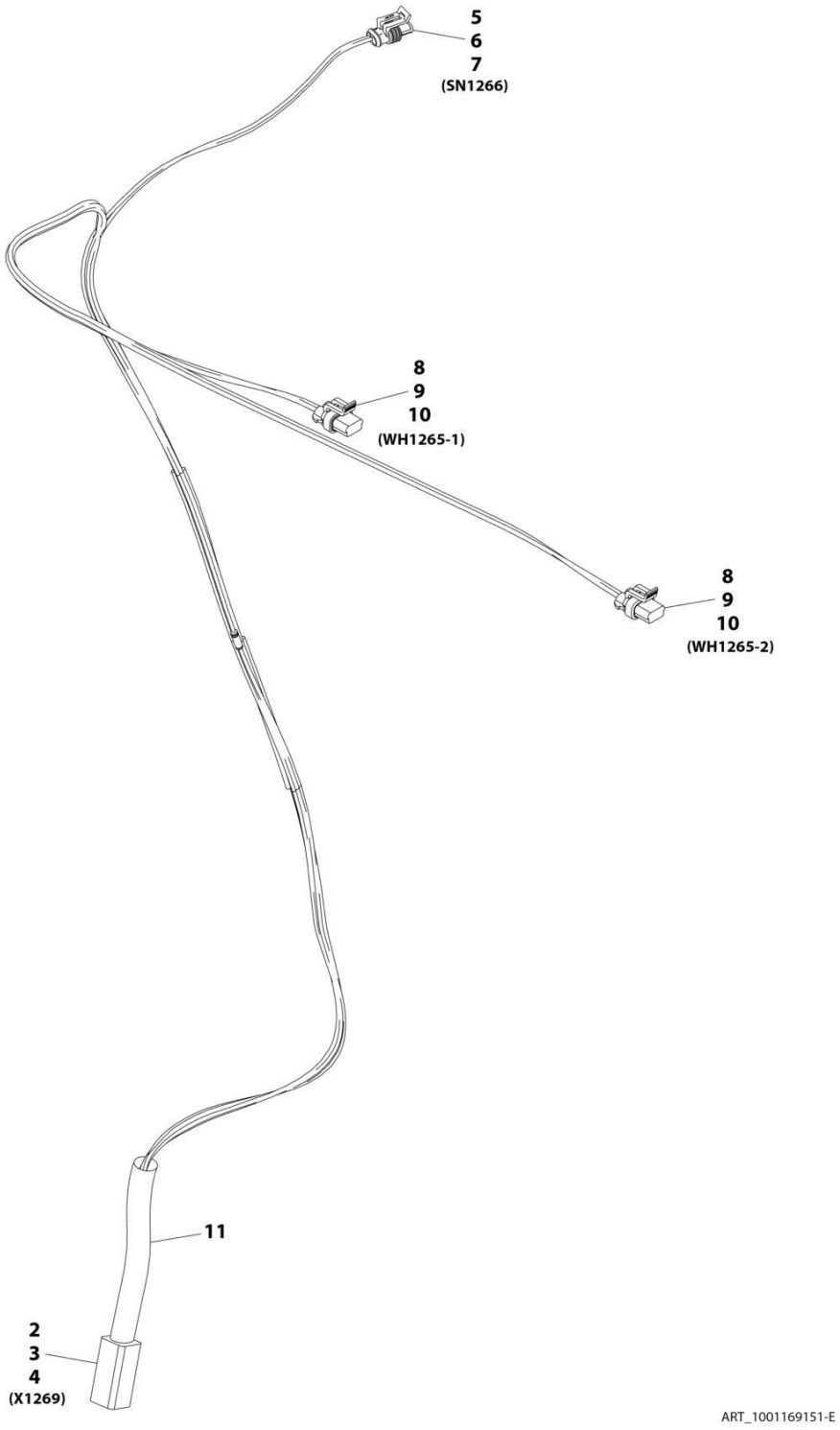
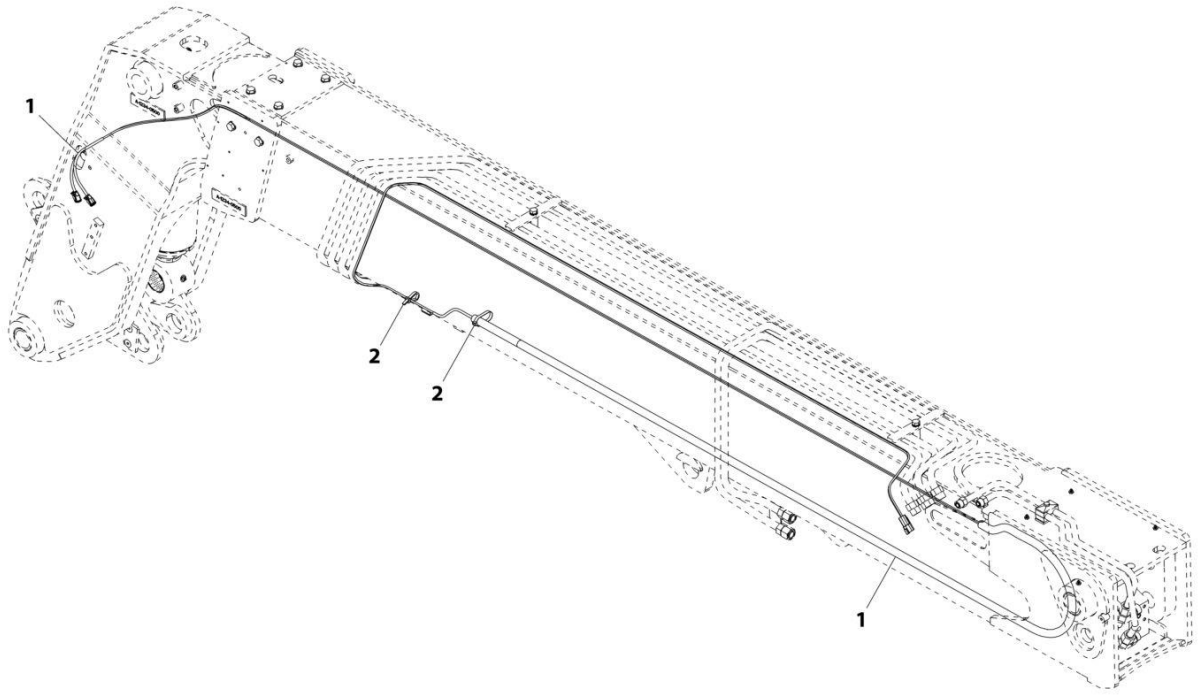


FIGURE 10-75. A/C OPTION HARNESS

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

FIGURE 10-76. BOOM HARNESS INSTALLATION (Prior to SN 1160008371)



ART_1001185734-B

FIGURE 10-76. BOOM HARNESS INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185734	Ref	Boom Harness Installation	B
1	1001184624	Ref	Harness, Boom (See Separate Breakdown in this Section)	
2	1001008923	AR	Strap, Cable	

FIGURE 10-77. BOOM HARNESS INSTALLATION (SN 1160008371 to Present)

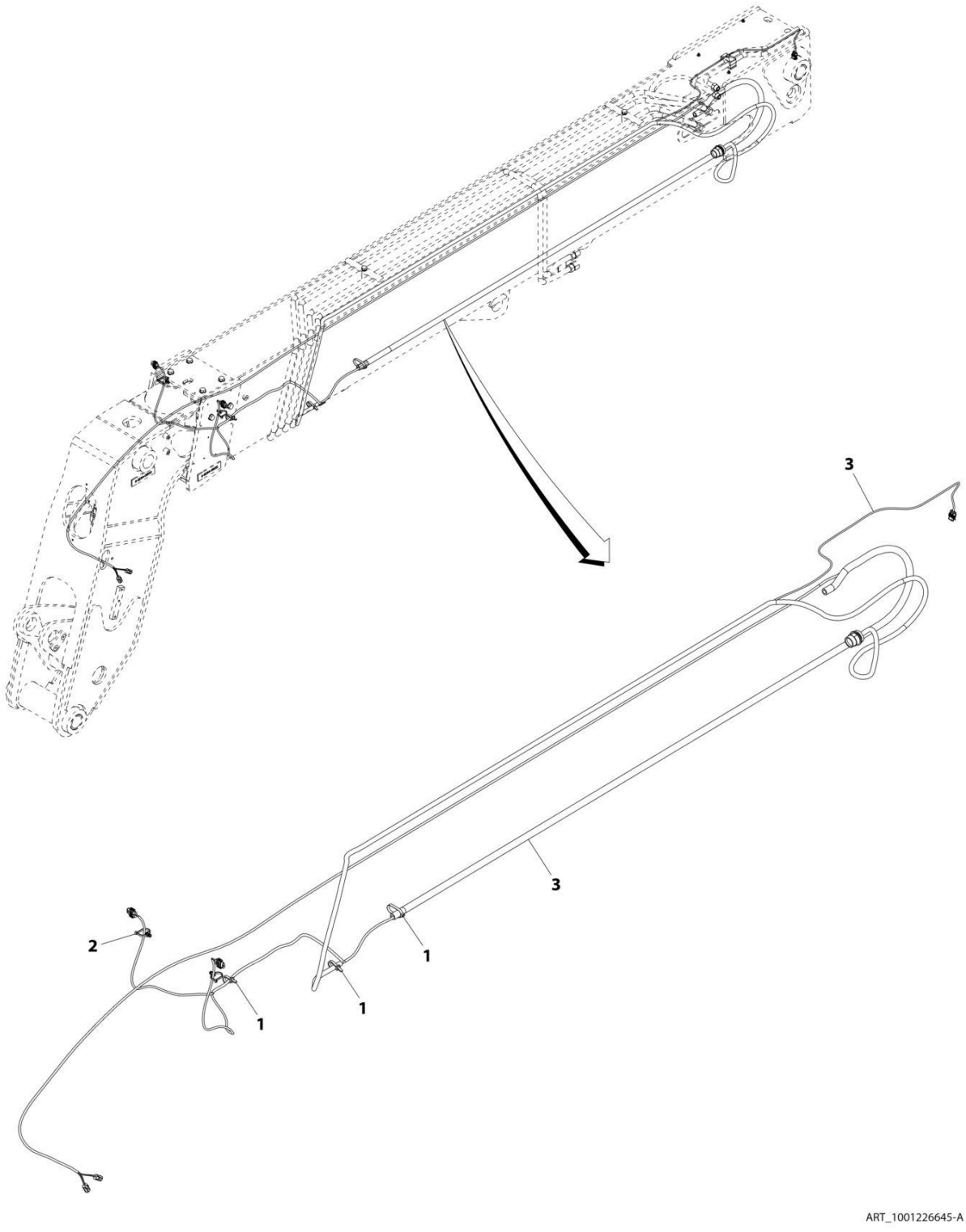


FIGURE 10-77. BOOM HARNESS INSTALLATION (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226645	Ref	Boom Harness Installation	A
1	1001008923	AR	Strap, Cable	
2	1001146588	2	Strap, Cable	
3	1001224597	Ref	Harness, Boom (See Separate Breakdown in this Section)	

FIGURE 10-78. BOOM HARNESS (Prior to SN 1160008371)

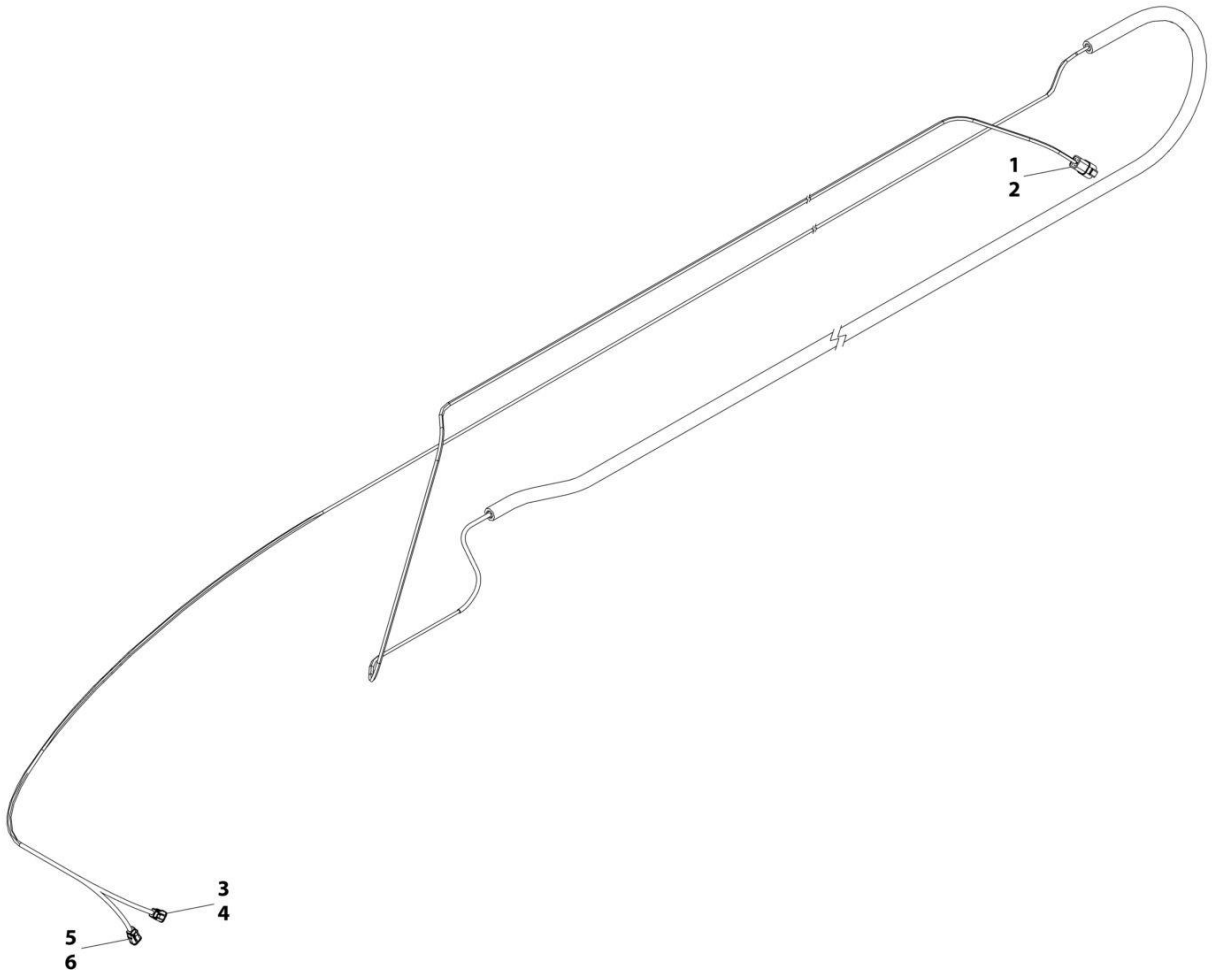


FIGURE 10-78. BOOM HARNESS (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184624	Ref	Boom Harness	D
1	4460932	1	Connector	
2	4460464	4	Terminal	
3	4460891	1	Connector	
4	4460465	2	Terminal	
5	4460891	1	Connector	
6	4460465	2	Terminal	

FIGURE 10-79. BOOM HARNESS (SN 1160008371 to Present)

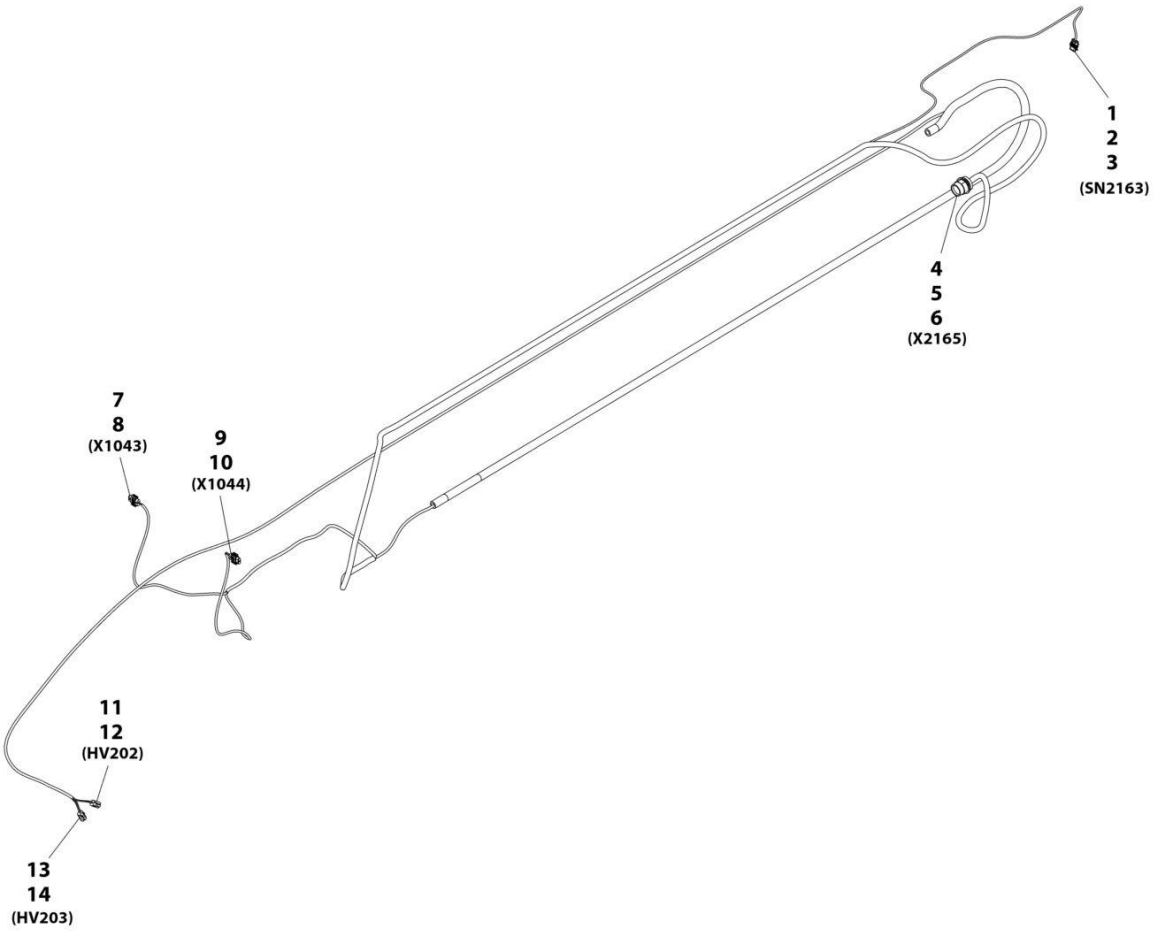


FIGURE 10-79. BOOM HARNESS (SN 1160008371 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224597	Ref	Boom Harness	A
1	4461262	1	Connector	
2	1001107854	3	Terminal	
3	1001104498	3	Seal	
4	1001109484	1	Connector	
5	4460464	12	Terminal	
6	4460466	2	Plug	
7	4461115	1	Connector	
8	1001116728	2	Terminal	
9	4461115	1	Connector	
10	1001116728	2	Terminal	
11	4460891	1	Connector	
12	4460465	2	Terminal	
13	4460891	1	Connector	
14	4460465	2	Terminal	

FIGURE 10-80. LMIS CHASSIS OPTION HARNESS

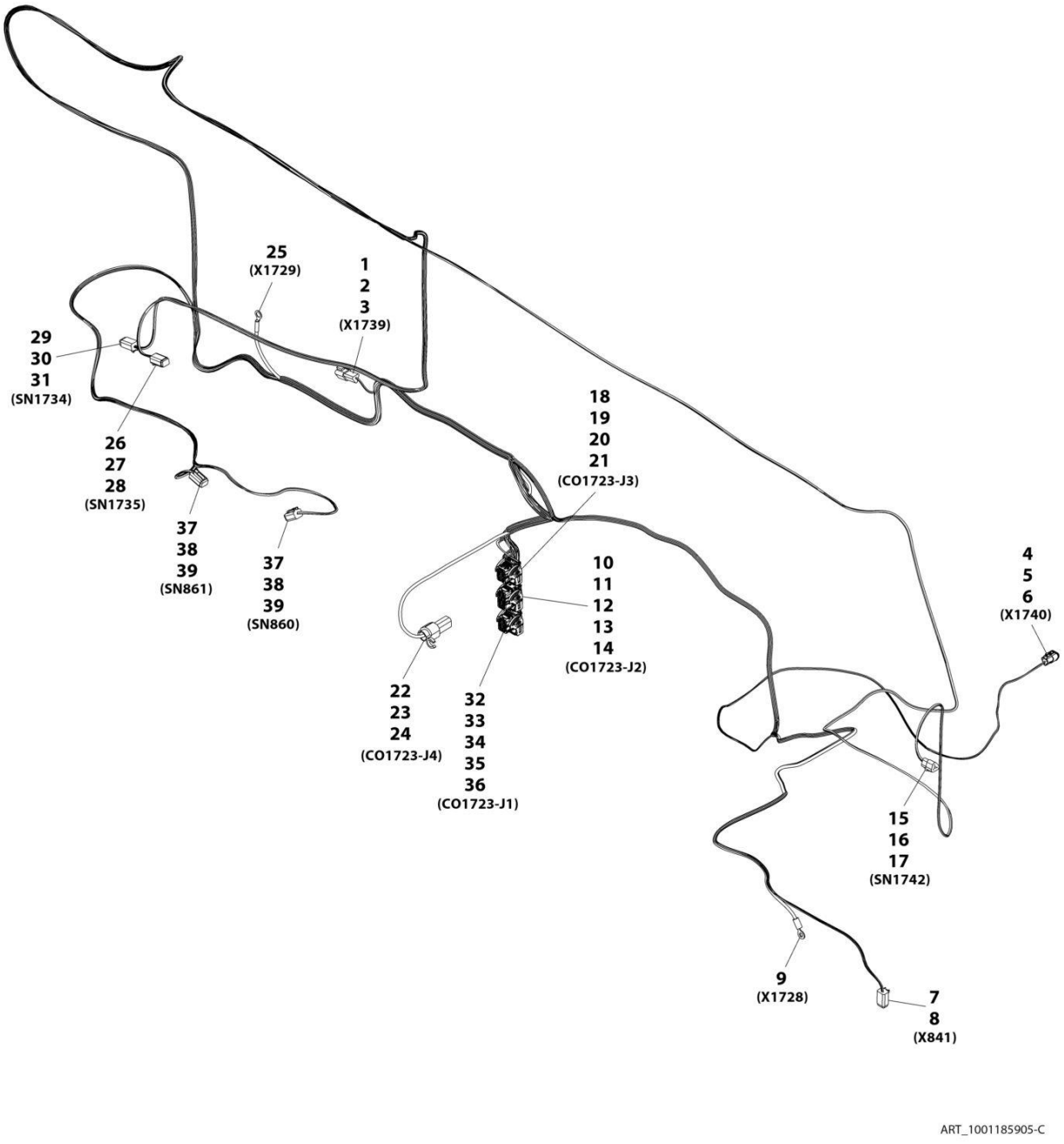
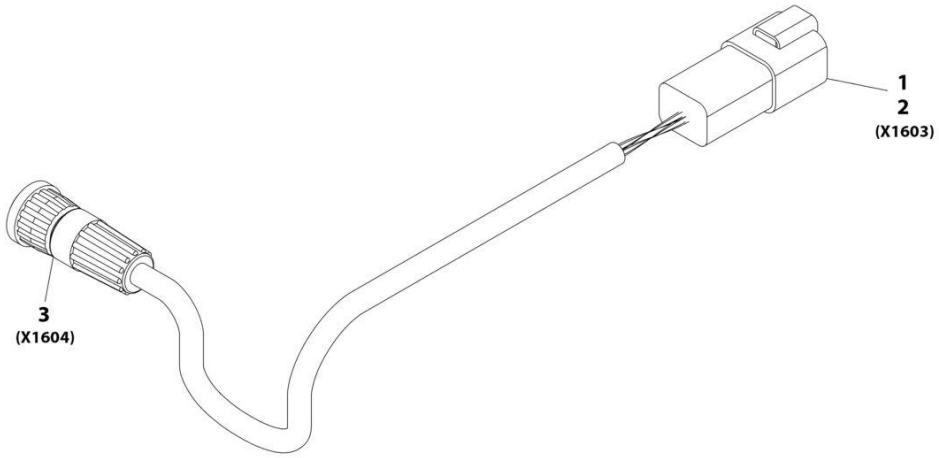


FIGURE 10-80. LMIS CHASSIS OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185905	Ref	LMIS Chassis Option Harness	C
1	4460536	1	Connector	
2	4460943	2	Terminal	
3	4460466	1	Plug	
4	1001116812	1	Connector	
5	4460944	2	Terminal	
6	4460466	1	Plug	
7	4460884	1	Connector	
8	4460465	4	Terminal	
9	8220114	1	Terminal, Ring	
10	1001161963	1	Connector	
11	1001161095	13	Terminal	
12	1001161100	27	Plug	
13	1001161099	4	Terminal	
14	1001161101	4	Plug	
15	4460539	1	Connector	
16	4460942	1	Terminal	
17	4460465	1	Terminal	
18	1001160500	1	Connector	
19	1001161100	19	Plug	
20	1001161095	4	Terminal	
21	1001161101	8	Plug	
22	1001160509	1	Connector	
23	1001160510	1	Terminal	
24	1001175266	1	Seal	
25	1001117109	1	Terminal, Ring	
26	4460884	1	Connector	
27	4460942	1	Terminal	
28	4460465	3	Terminal	
29	4460884	1	Connector	
30	4460942	1	Terminal	
31	4460465	3	Terminal	
32	1001161957	1	Connector	
33	1001161095	11	Terminal	
34	1001161100	13	Plug	
35	1001161101	4	Plug	
36	1001161099	4	Terminal	
37	4460884	2	Connector	
38	4460942	1	Terminal	
39	4460465	3	Terminal	

FIGURE 10-81. REVERSE SENSOR HARNESS



ART_1001175776-C

FIGURE 10-81. REVERSE SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175776	Ref	Reverse Sensor Harness	C
1	4460932	1	Connector	
2	4460464	4	Terminal	
3	1001175733	1	Connector	

FIGURE 10-82. CLEARSKY HARNESS (A/C)

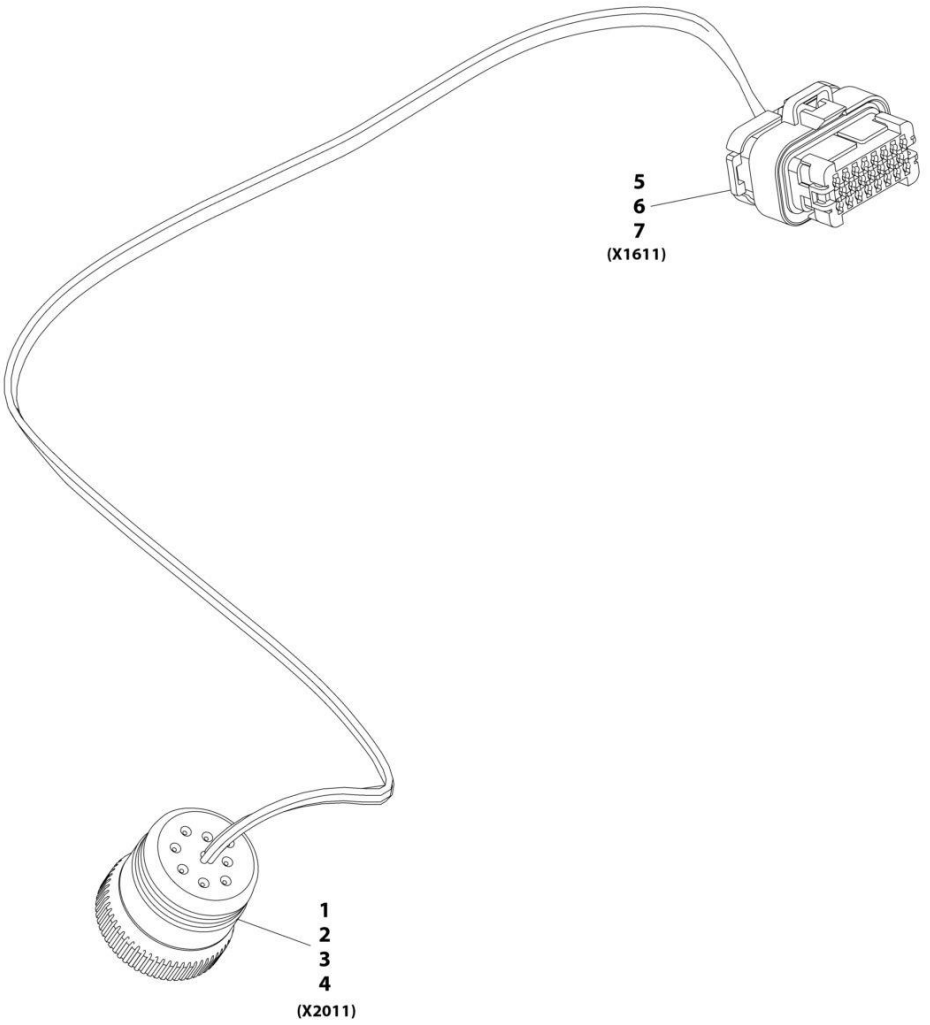


FIGURE 10-82. CLEARSKY HARNESS (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196452	Ref	Clearsky Harness (A/C)	A
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460944	2	Terminal	
4	4460466	4	Plug	
5	1001116994	1	Connector	
6	4460871	5	Terminal	
7	4460905	18	Plug	

FIGURE 10-83. LICENSE LIGHT HARNESS

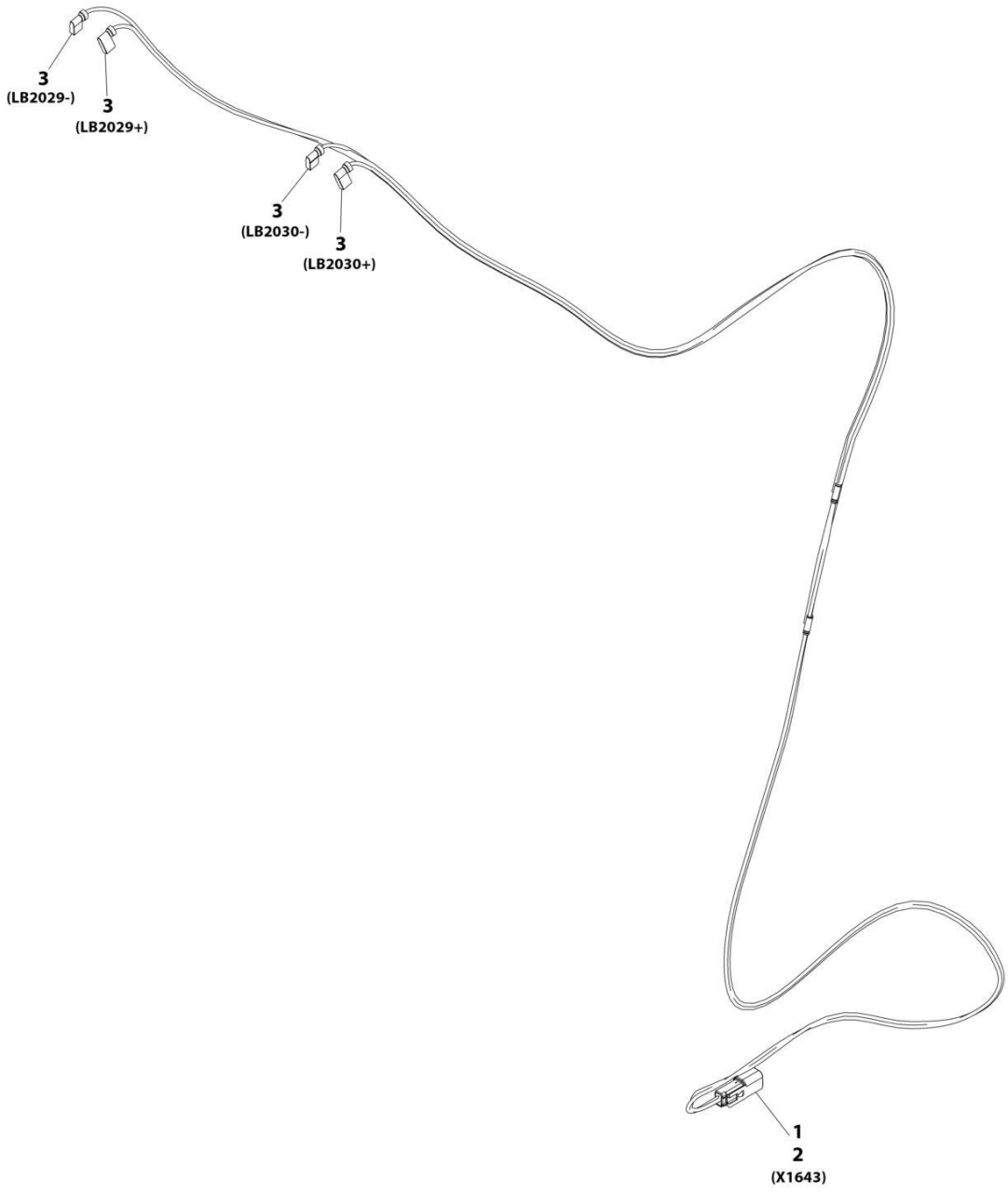


FIGURE 10-83. LICENSE LIGHT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178053	Ref	License Light Harness	C
1	4460897	1	Connector	
2	4460941	2	Terminal	
3	1001190396	4	Connector	

FIGURE 10-84. BOOM WORKLIGHTS HARNESS

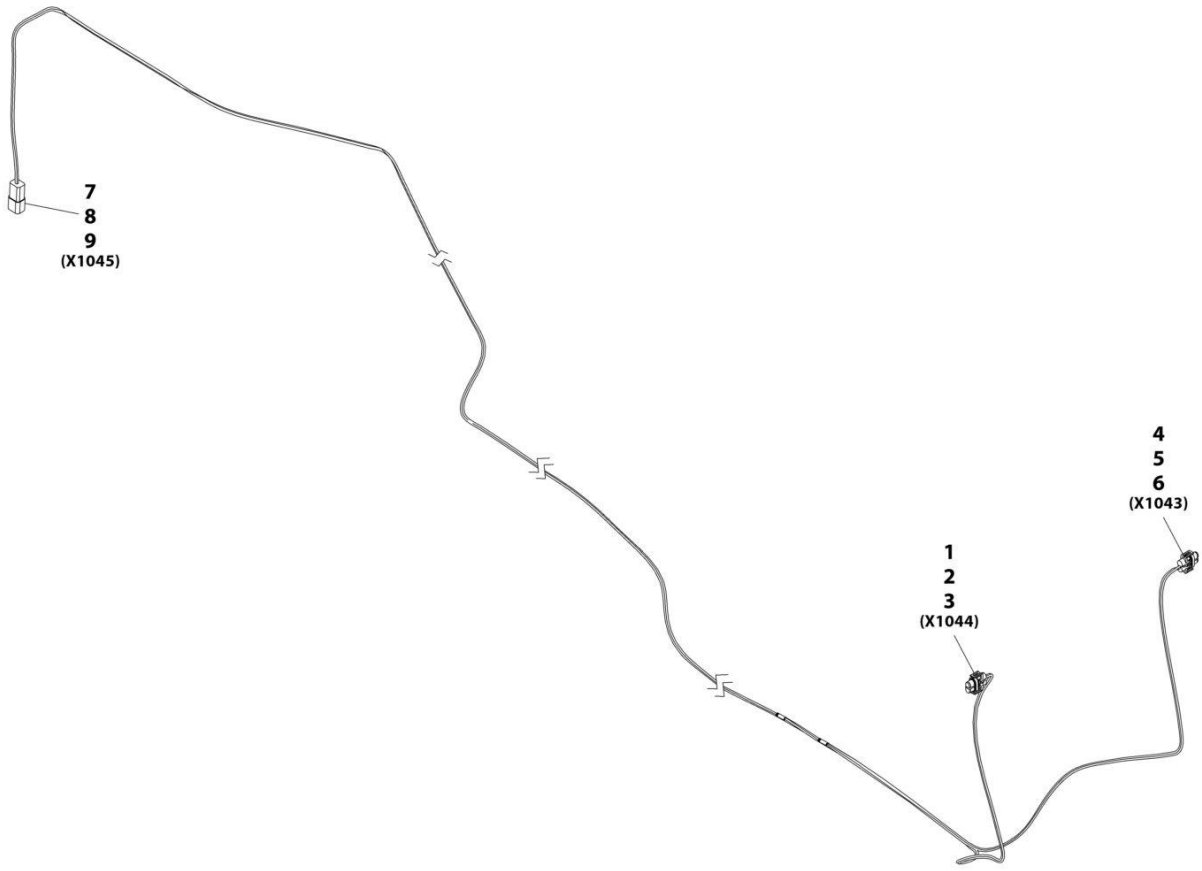


FIGURE 10-84. BOOM WORKLIGHTS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183297	Ref	Boom Worklights Harness	C
1	4461115	1	Connector	
2	1001116728	2	Terminal	
3	4460458	2	Seal	
4	4461115	1	Connector	
5	1001116728	2	Terminal	
6	4460458	2	Seal	
7	4460932	1	Connector	
8	4460464	2	Terminal	
9	4460466	2	Plug	

FIGURE 10-85. TRAILER CONNECTOR HARNESS

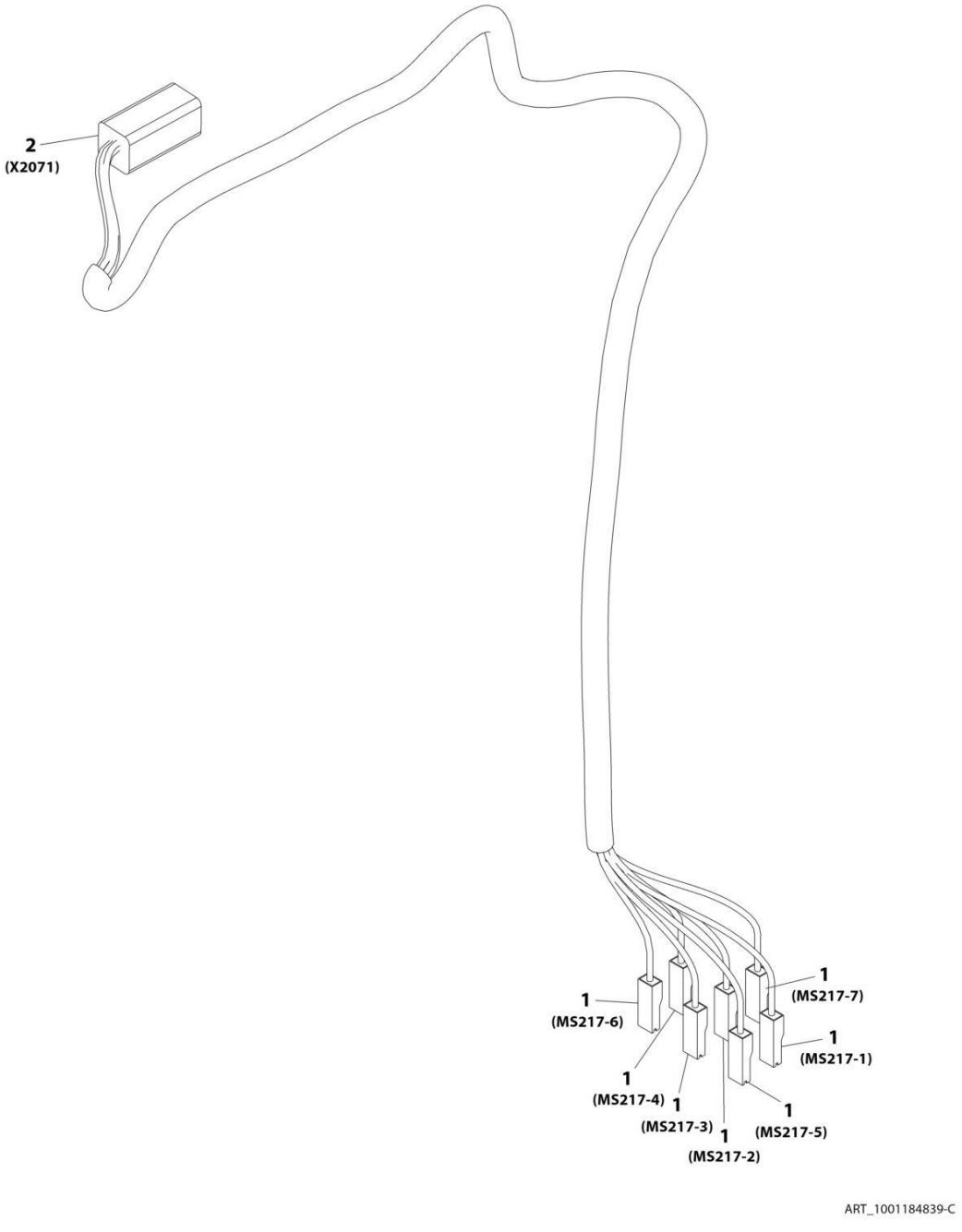


FIGURE 10-85. TRAILER CONNECTOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184839	Ref	TRAILER CONNECTOR HARNESS	C
1	1001116995	7	Connector	
2	4460899	1	Connector	
2	4460941	6	Pin	

FIGURE 10-86. NO ROAD LIGHTS INSTALLATION

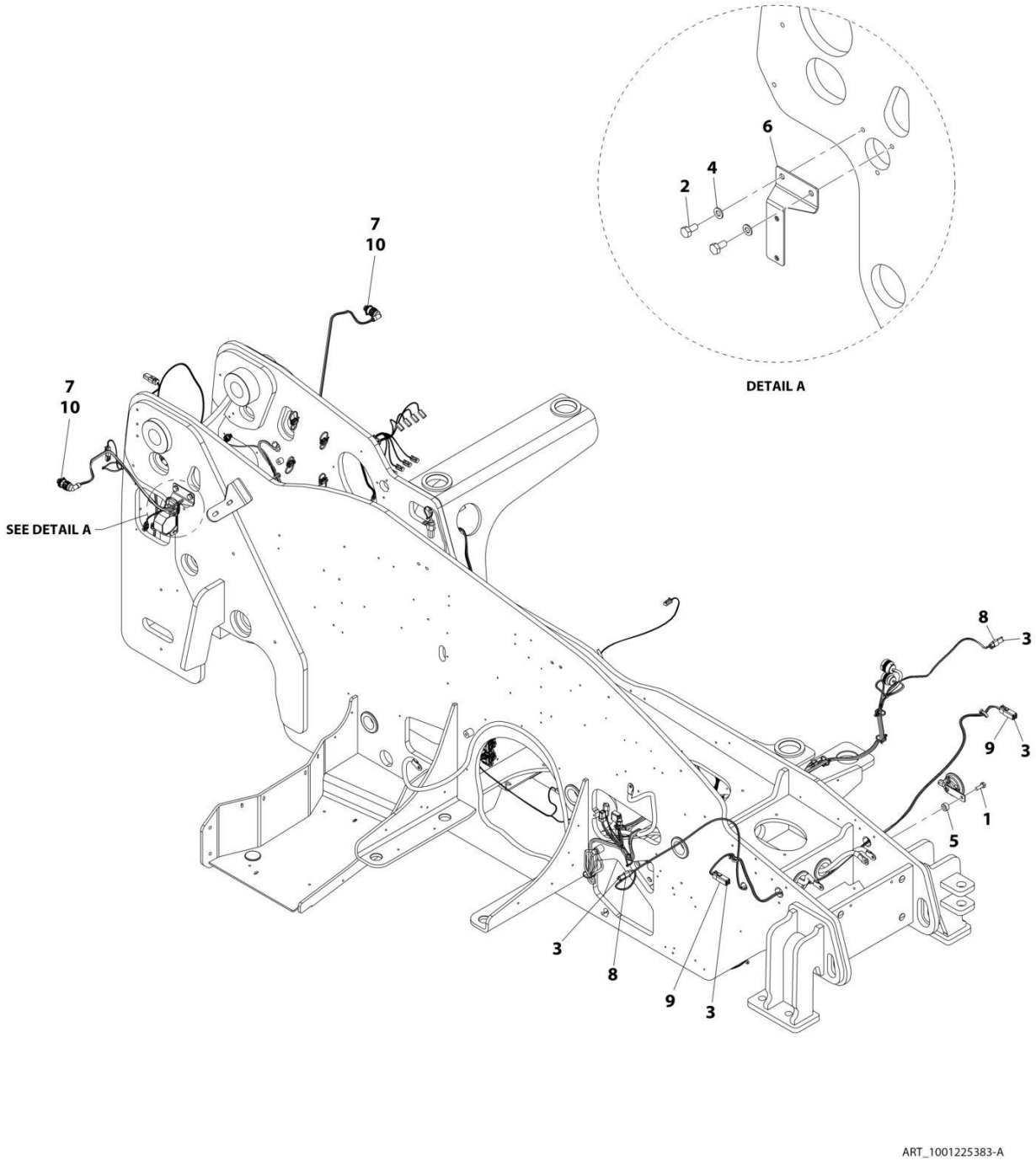


FIGURE 10-86. NO ROAD LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225383	Ref	No Road Lights Installation	A
1	0761014	1	Bolt, M10X30	
2	0761010	2	Bolt, M10X20	
3	4460466	18	Plug	
4	4812000	2	Washer, M10	
5	1001182495	1	Washer, Spacer	
6	1001225385	1	Mount, Reverse Alarm	
7	1001225658	2	Connector	
8	4460536	2	Connector	
9	4460899	2	Connector	
10	4461008	14	Plug	

FIGURE 10-87. SEAT ADAPTOR HARNESS

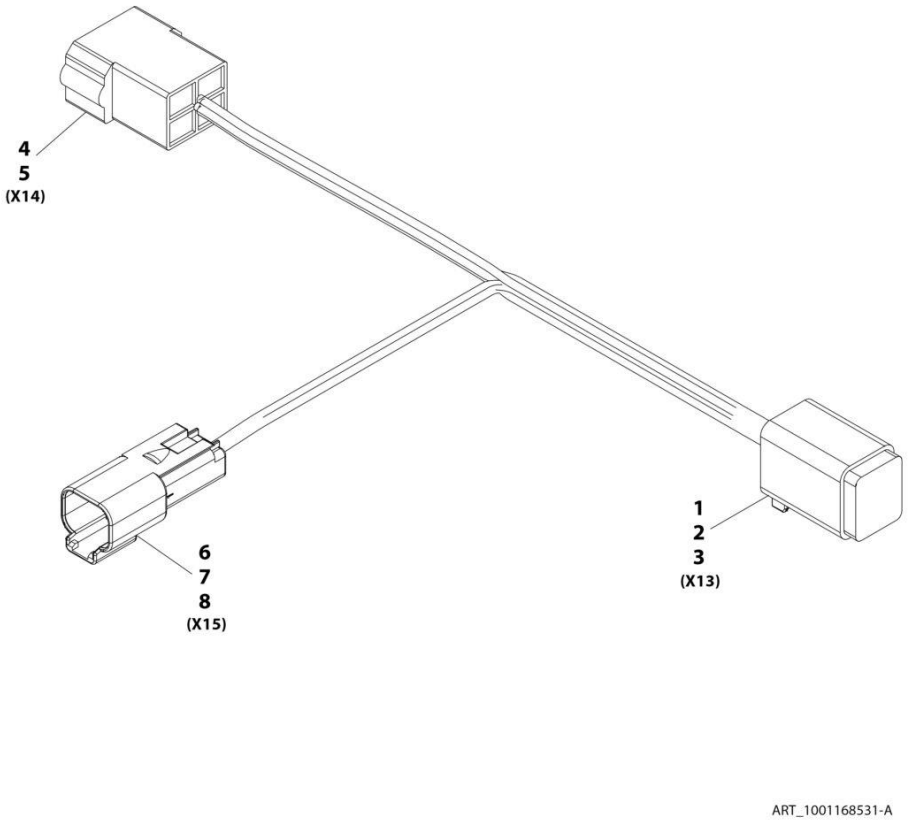


FIGURE 10-87. SEAT ADAPTOR HARNESS

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

FIGURE 10-88. LSI DISPLAY INSTALLATION (Prior to SN 1160008371)

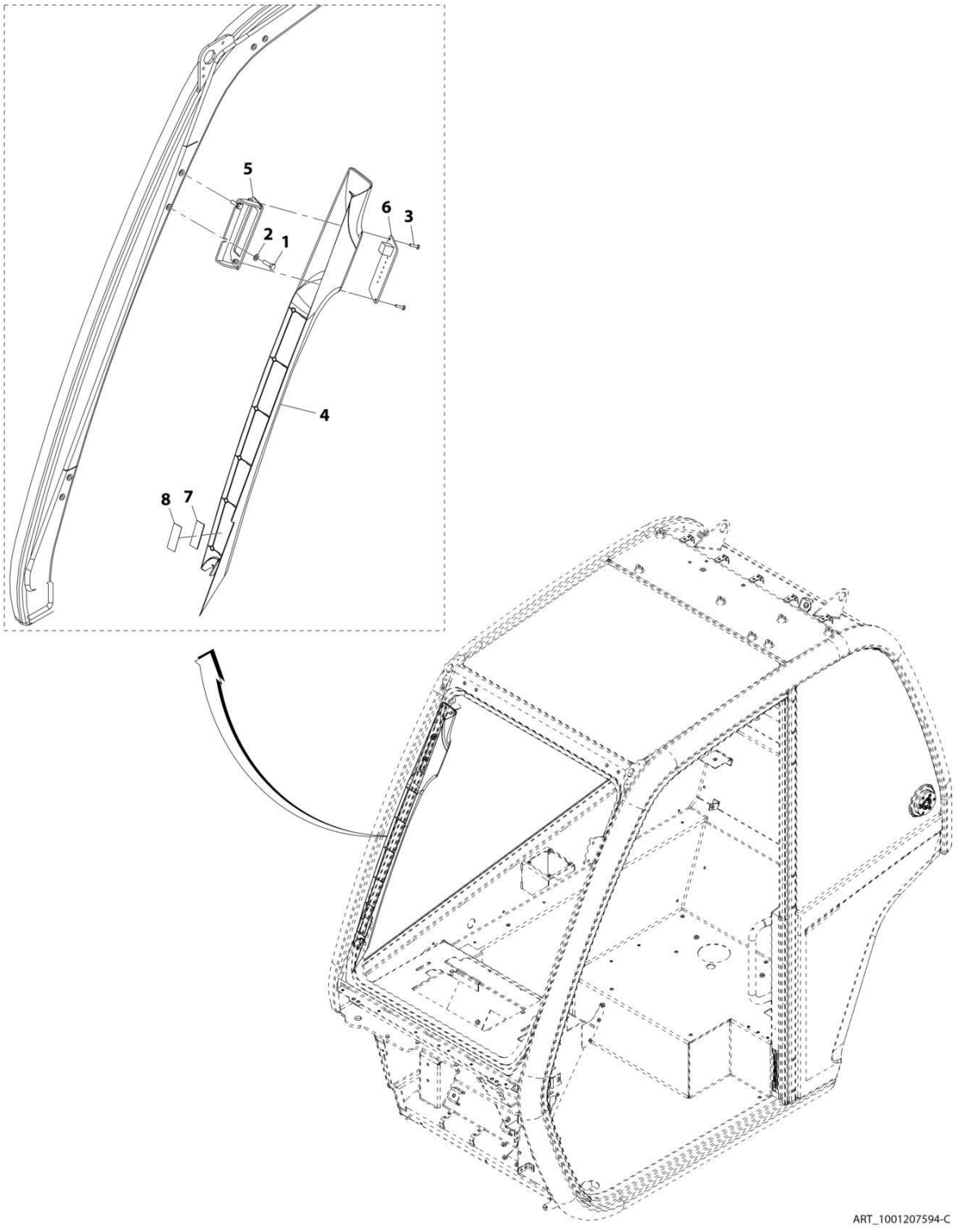


FIGURE 10-88. LSI DISPLAY INSTALLATION (Prior to SN 1160008371)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207594	Ref	LSI Display Installation	C
1	0760610	2	Bolt, M6X20	
2	4811700	2	Washer, M6	
3	1001126837	2	Screw, M4X16	
4	1001182839	1	Cover	
5	1001214401	1	Bracket	
6	1001213752	1	Display, LSI	
7	1001221318	1	Tape, Hook Fastener	
8	1001221319	1	Tape, Hook Fastener	

FIGURE 10-89. DASH ELECTRICS INSTALLATION (LS)

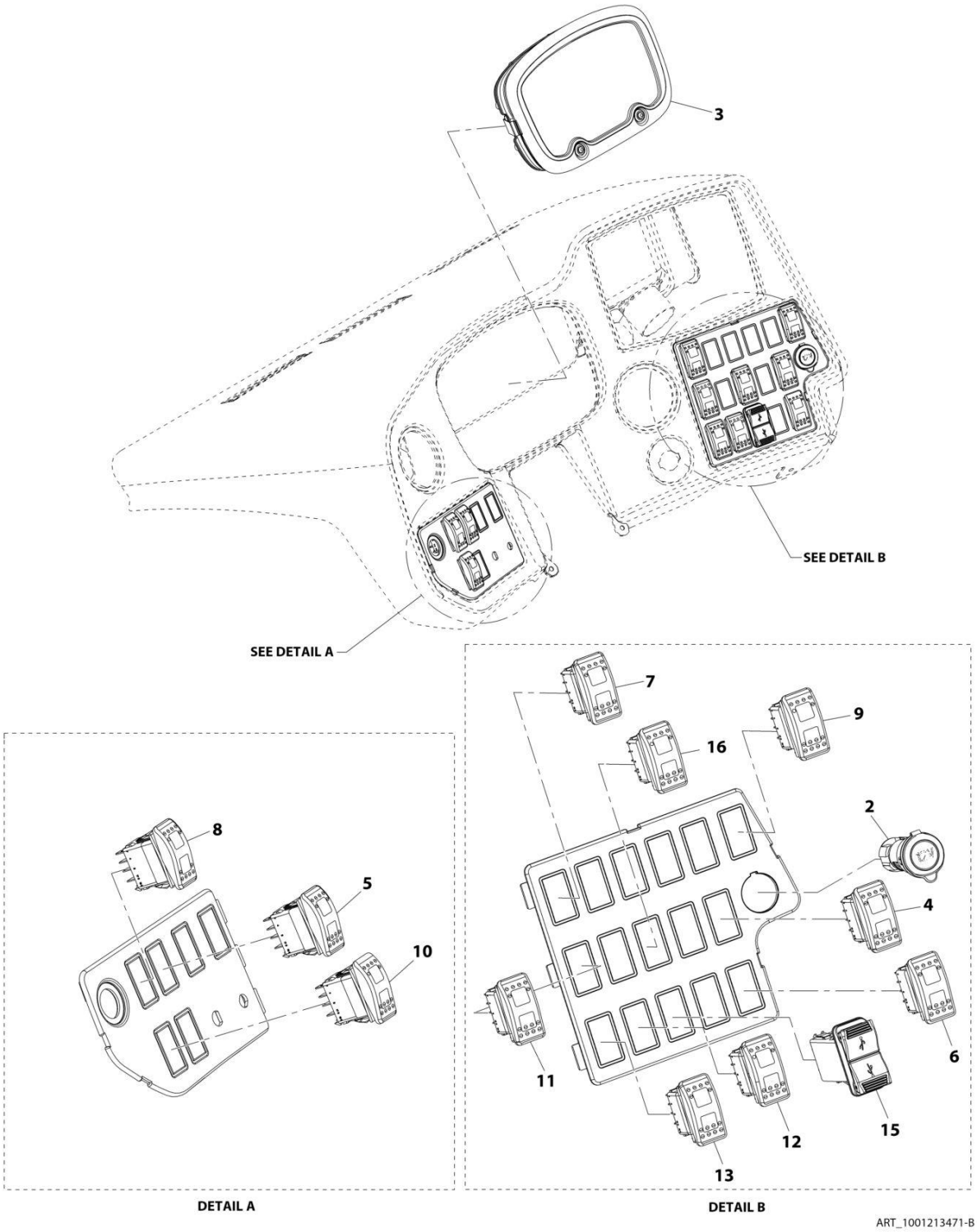


FIGURE 10-89. DASH ELECTRICS INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213471	Ref	Dash Electrics Installation (LS)	C
2	1001095804	1	Connector, 12V Power Socket	
3	1001202454	1	Gauge (LS)	
4	1001104654	1	Switch, AUX Decomp	
5	1001159741	1	Switch, Constanst AUX	
6	1001163639	1	Switch, Driving Lights	
7	1001159737	1	Switch, Fog Lights	
8	1001189898	1	Switch, Framer/Loader	
9	1001159734	1	Switch, Hazard	
10	1001159742	1	Switch, LSI Override	
11	1001159735	1	Switch, Rear Wiper	
12	1001159743	1	Switch, Road Use	
13	1001159849	1	Switch, Steer Mode	
15	1001174712	1	Switch, USB Charger	
16	1001159748	1	Switch, Bucket Mode	
17	1001285715	1	Switch, Beacon (Not Shown)	

FIGURE 10-90. LSI SENSOR COVER INSTALLATION (20IN WHEEL)

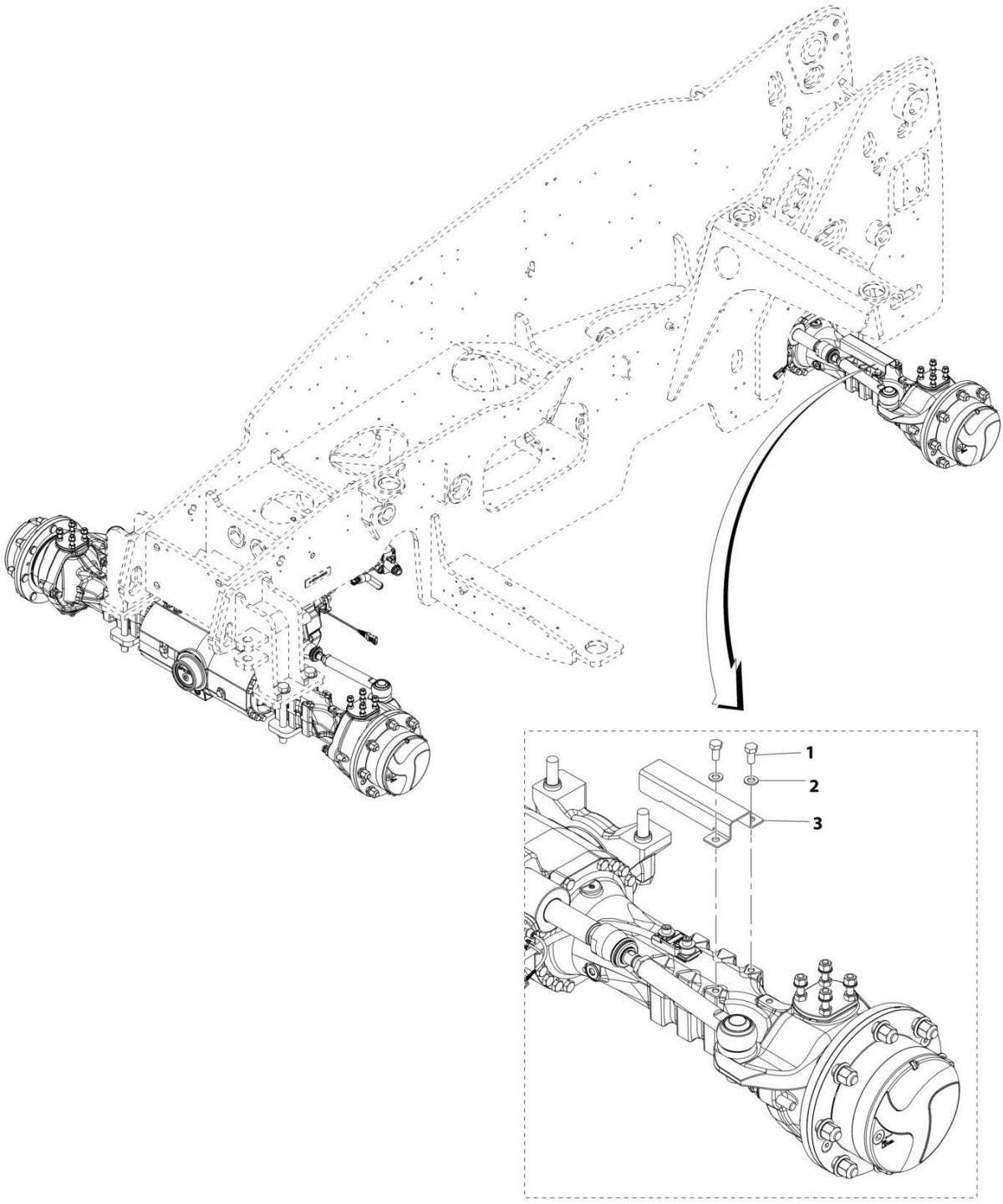


FIGURE 10-90. LSI SENSOR COVER INSTALLATION (20IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225305	Ref	LSI Sensor Cover Installation	A
1	0761212	2	Bolt, M12X25	
2	4812100	2	Washer, M12	
3	1001225302	1	Shield, LSI Sensor	

FIGURE 10-91. LSI SENSOR COVER INSTALLATION (24IN WHEEL)

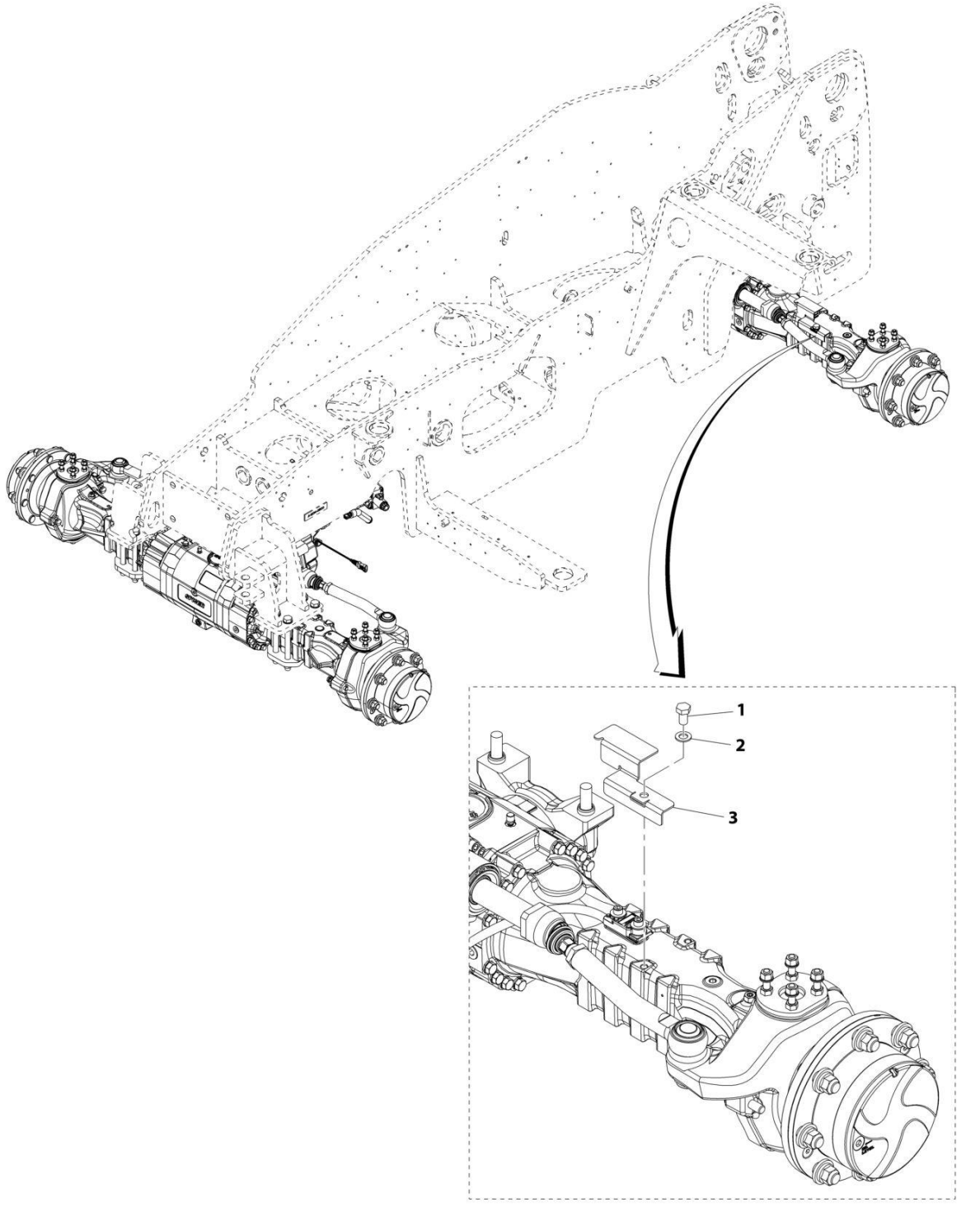


FIGURE 10-91. LSI SENSOR COVER INSTALLATION (24IN WHEEL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225306	Ref	LSI Sensor Cover Installation	A
1	0761412	1	Bolt, M14X25	
2	4812200	1	Washer, M14	
3	1001225304	1	Shield, LSI Sensor	

FIGURE 10-92. FOG LAMP SWITCH INSTALLATION

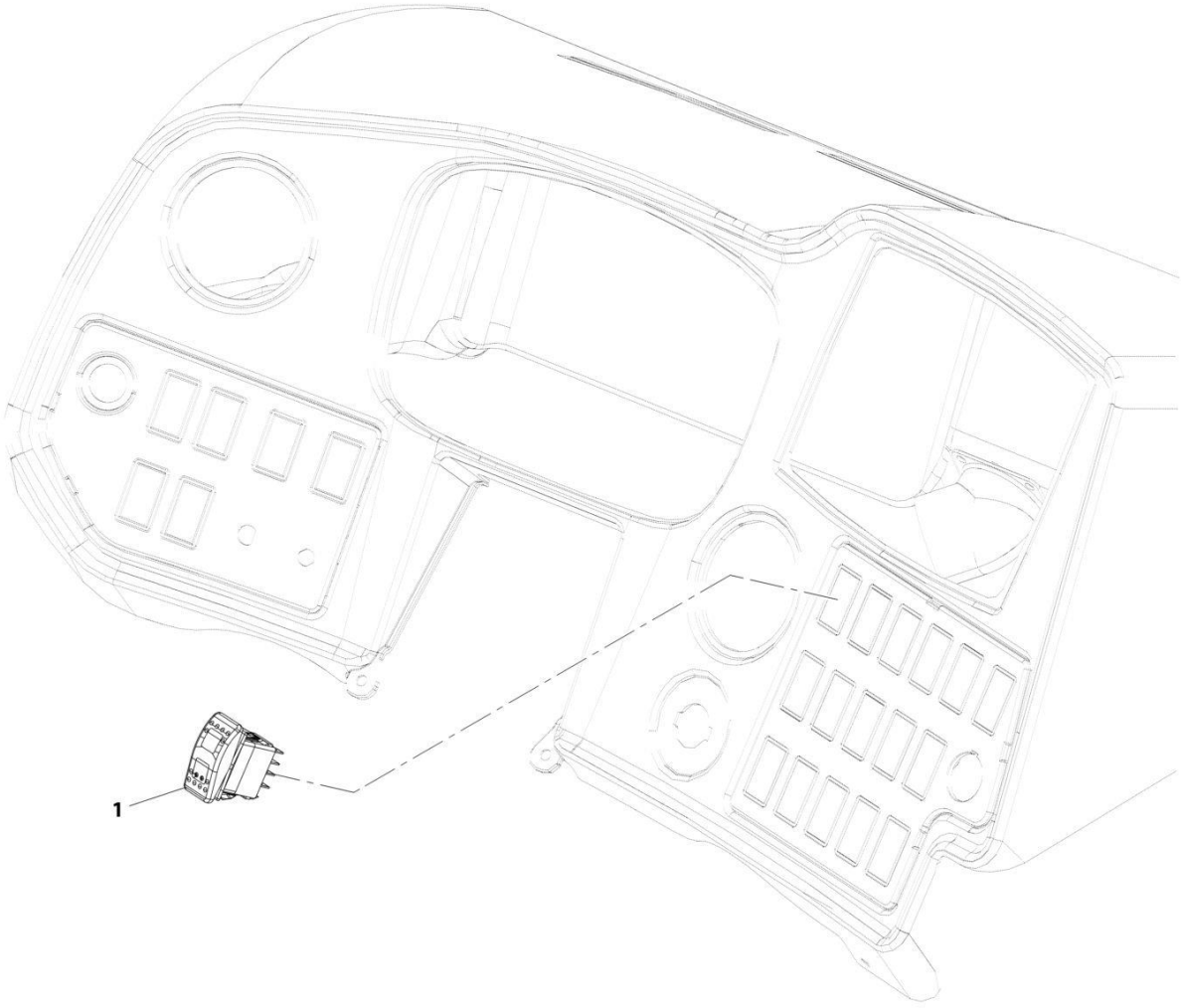


FIGURE 10-92. FOG LAMP SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186714	Ref	Fog Lamp Switch Installation	A
1	1001159737	1	Switch, Fog Lights	

SECTION 11 - DECALS

FIGURE 11-1. CAPACITY CHART HOLDER INSTALLATION

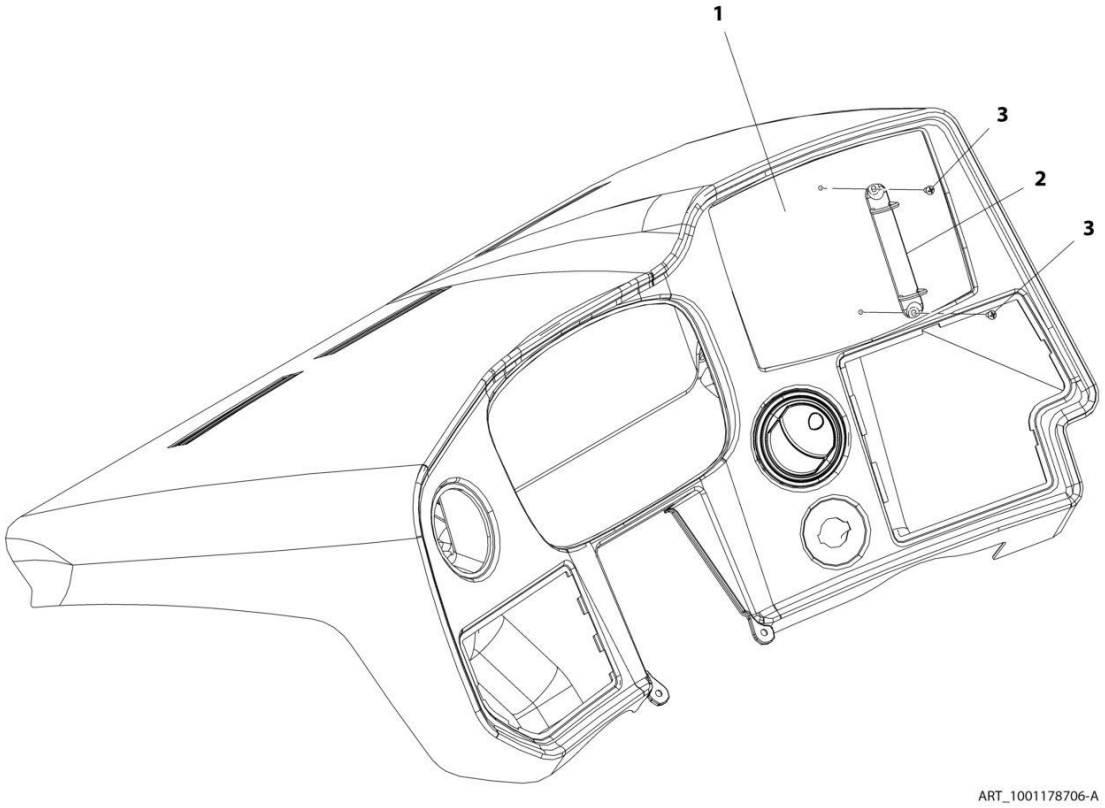
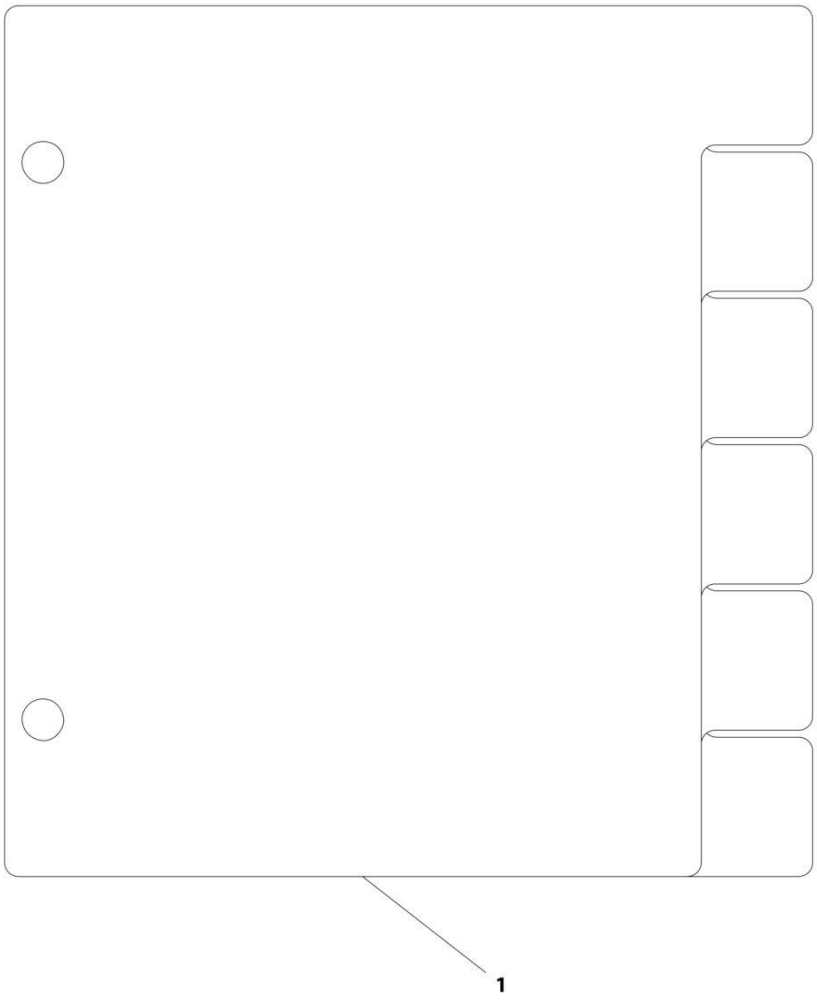


FIGURE 11-1. CAPACITY CHART HOLDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178706	Ref	Capacity Chart Holder Installation	A
1	1001179297	1	Load Chart, Bezel	
2	1001005960	1	Holder	
3	7029486	2	Screw	

FIGURE 11-2. CAPACITY CHART (JLG) (METRIC)

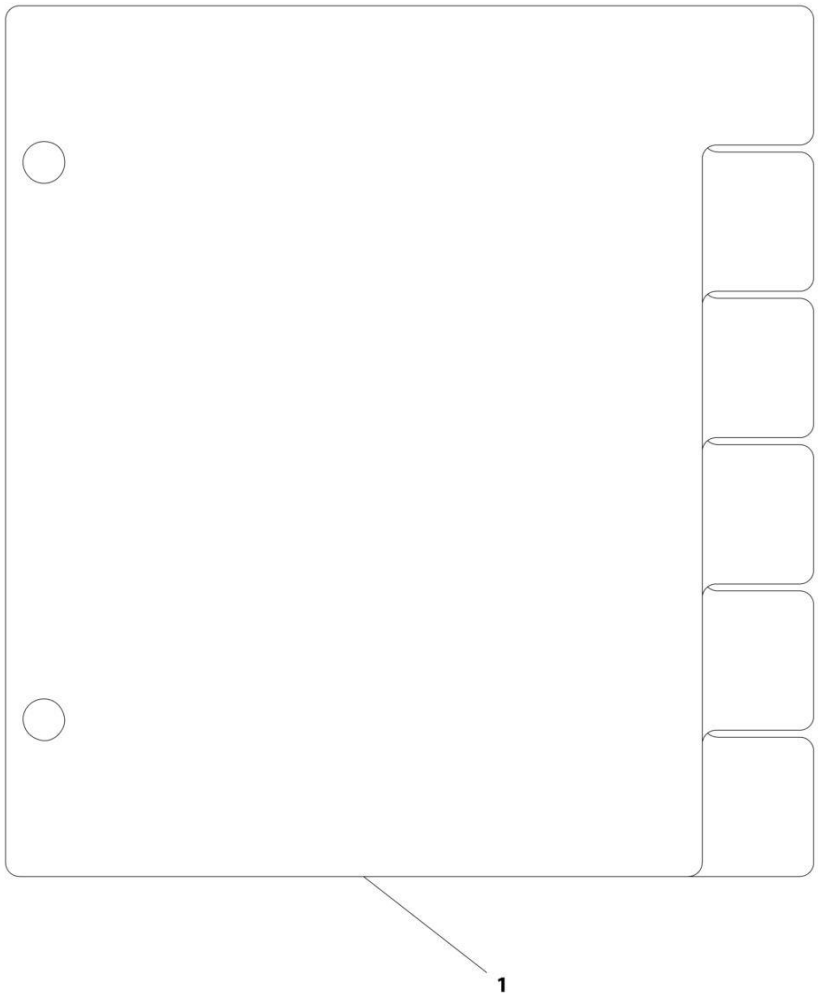


ART_1001174617-B

FIGURE 11-2. CAPACITY CHART (JLG) (METRIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001174617	1	Capacity Chart (JLG) (Metric)	B

FIGURE 11-3. CAPACITY CHART (JLG) (ANSI)

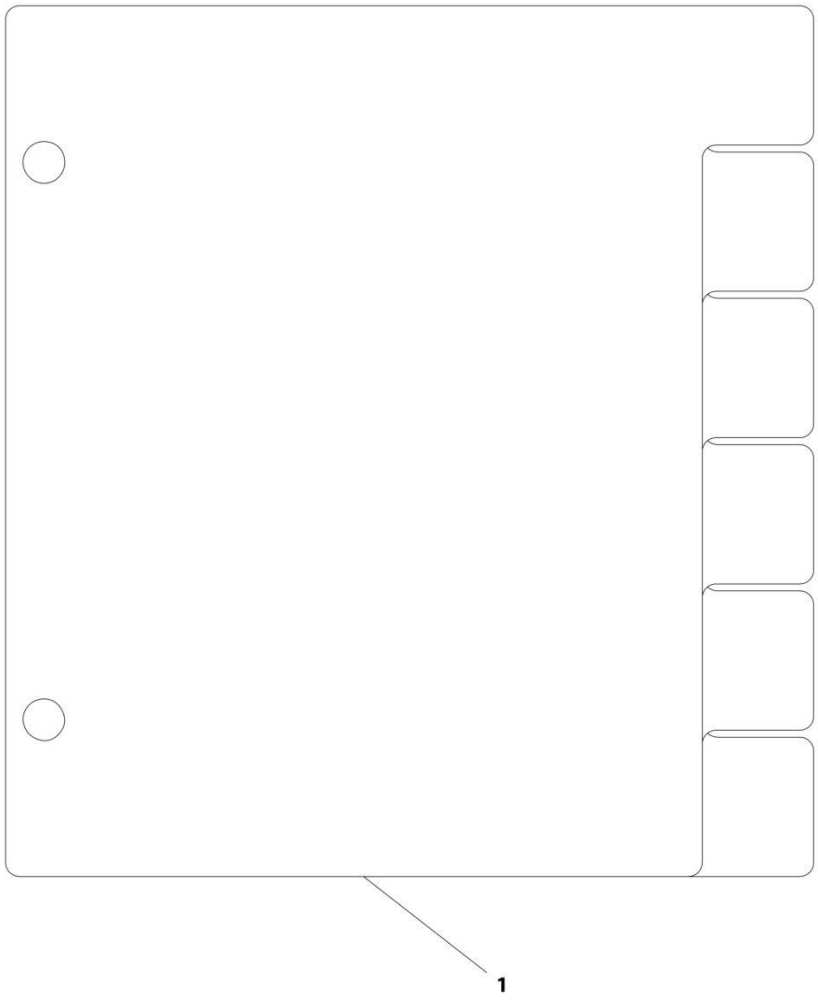


ART_1001175378-A

FIGURE 11-3. CAPACITY CHART (JLG) (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001175378	1	Capacity Chart (JLG) (ANSI)	A

FIGURE 11-4. CAPACITY CHART (JLG) (AUS)



ART_1001175379-A

FIGURE 11-4. CAPACITY CHART (JLG) (AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001175379	1	Capacity Chart (JLG) (AUS)	A

FIGURE 11-5. DECALS INSTALLATION (JLG)

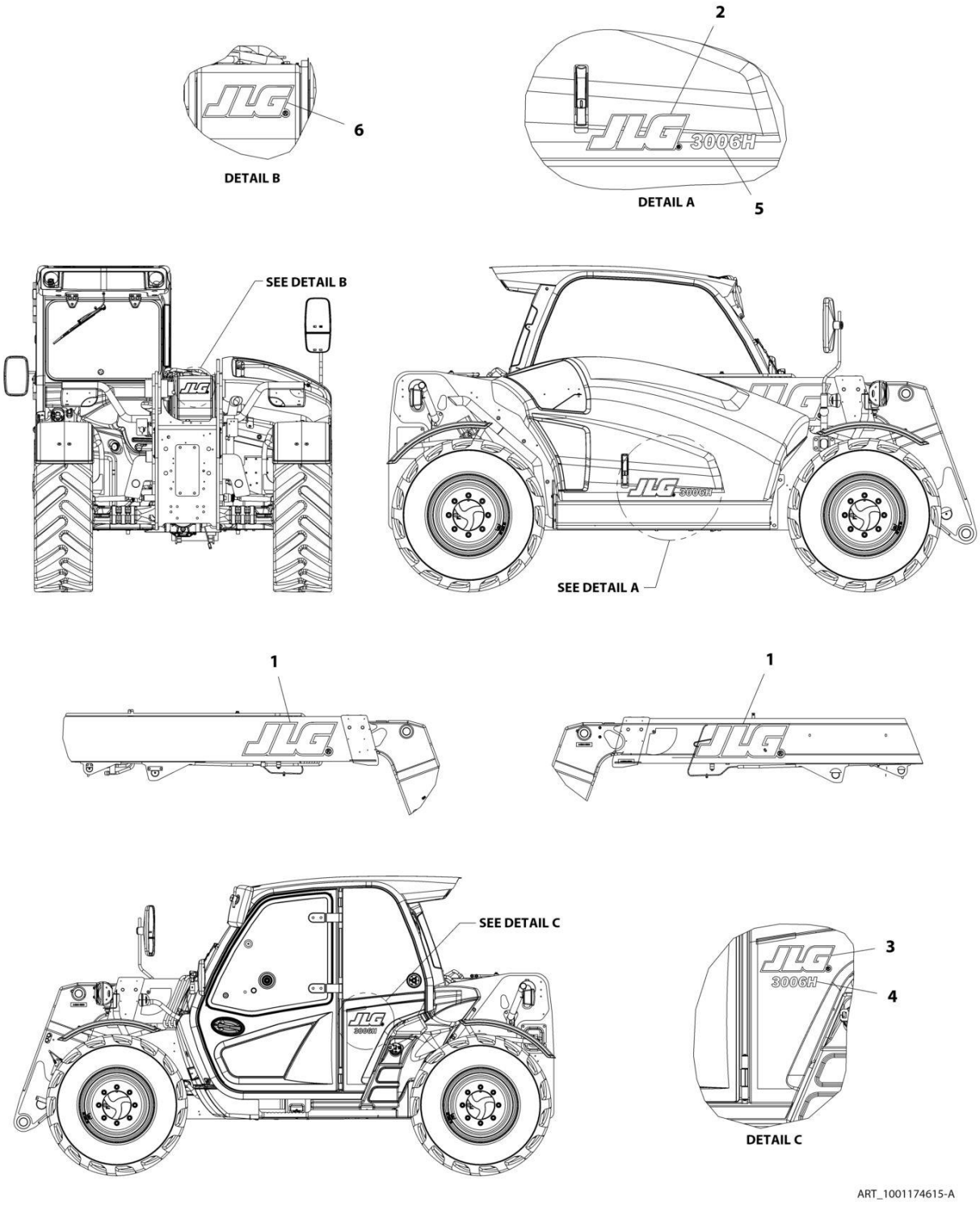
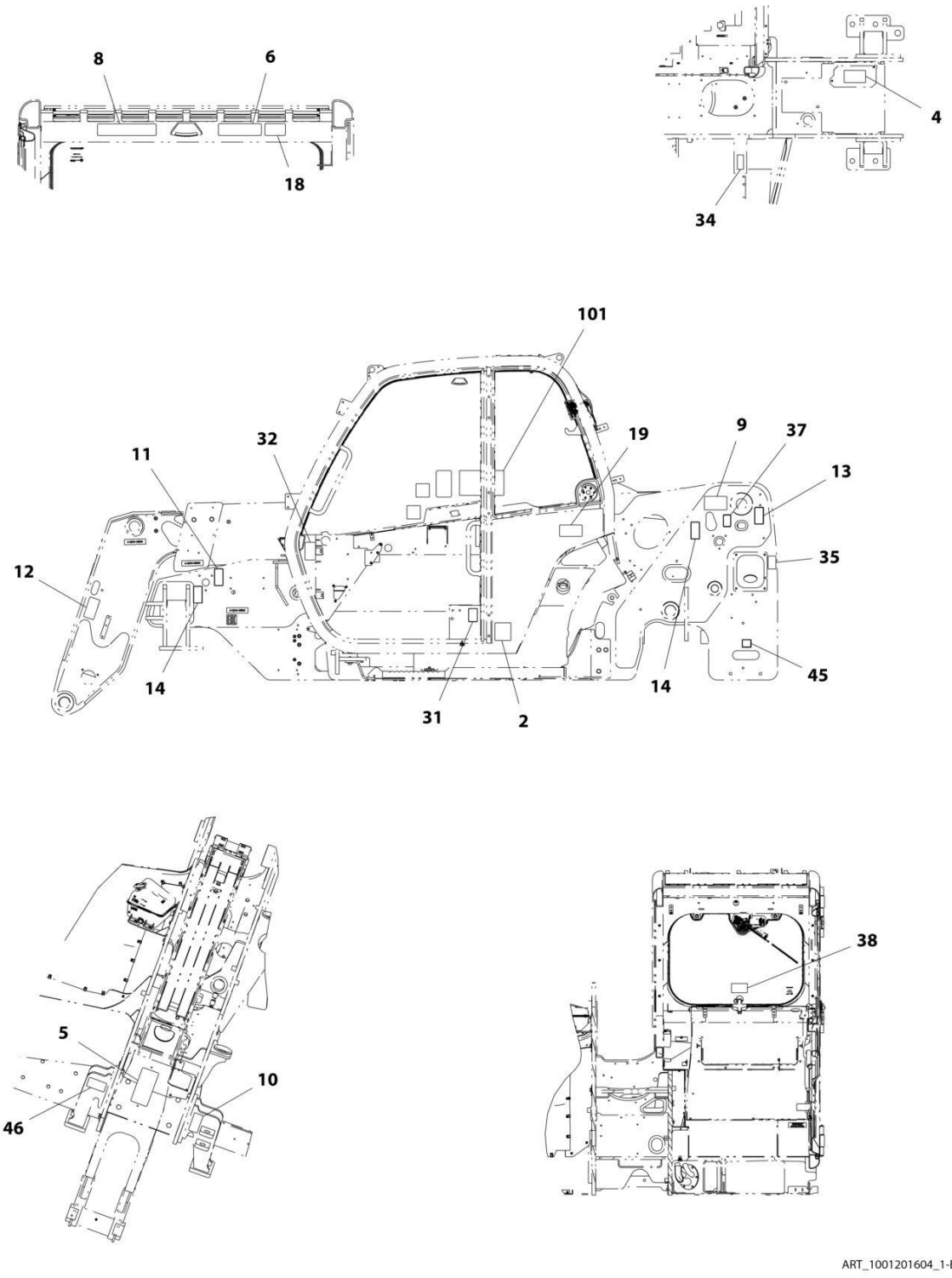


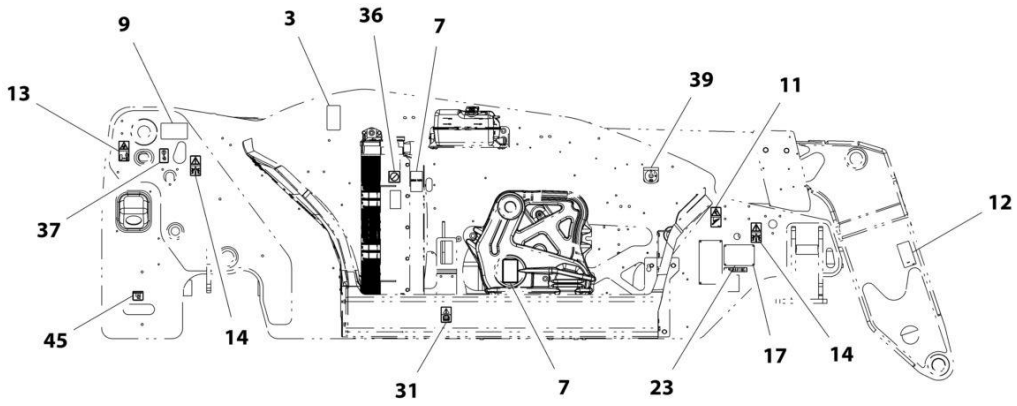
FIGURE 11-5. DECALS INSTALLATION (JLG)

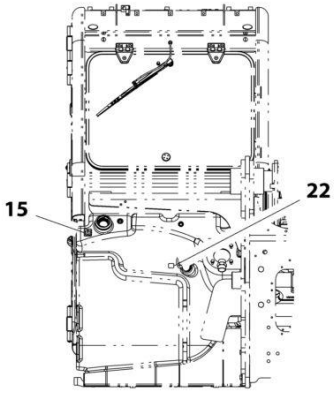
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174615	Ref	Decals Installation (JLG)	A
1	1001159728	2	Decal, JLG Logo	
2	1001160775	1	Decal, JLG - 5" Black	
3	1001169674	1	Decal, JLG M100X285	
4	1001206712	1	Decal, JLG 3006H Cab	
5	1001206713	1	Decal, JLG 3006H Hood	
6	1001206818	1	Decal, JLG M75	

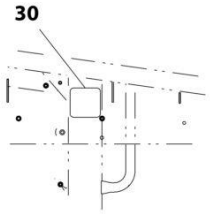
SECTION 11 - DECALS

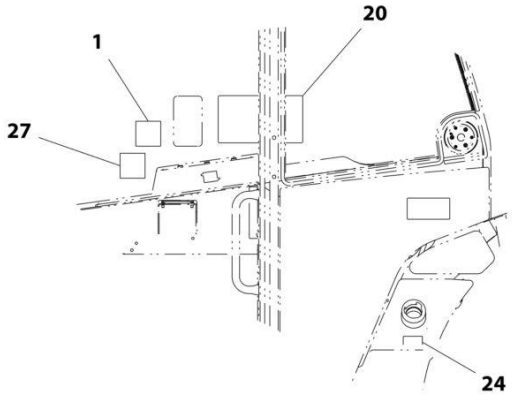
FIGURE 11-6. DECALS INSTALLATION (ISO - ULS)











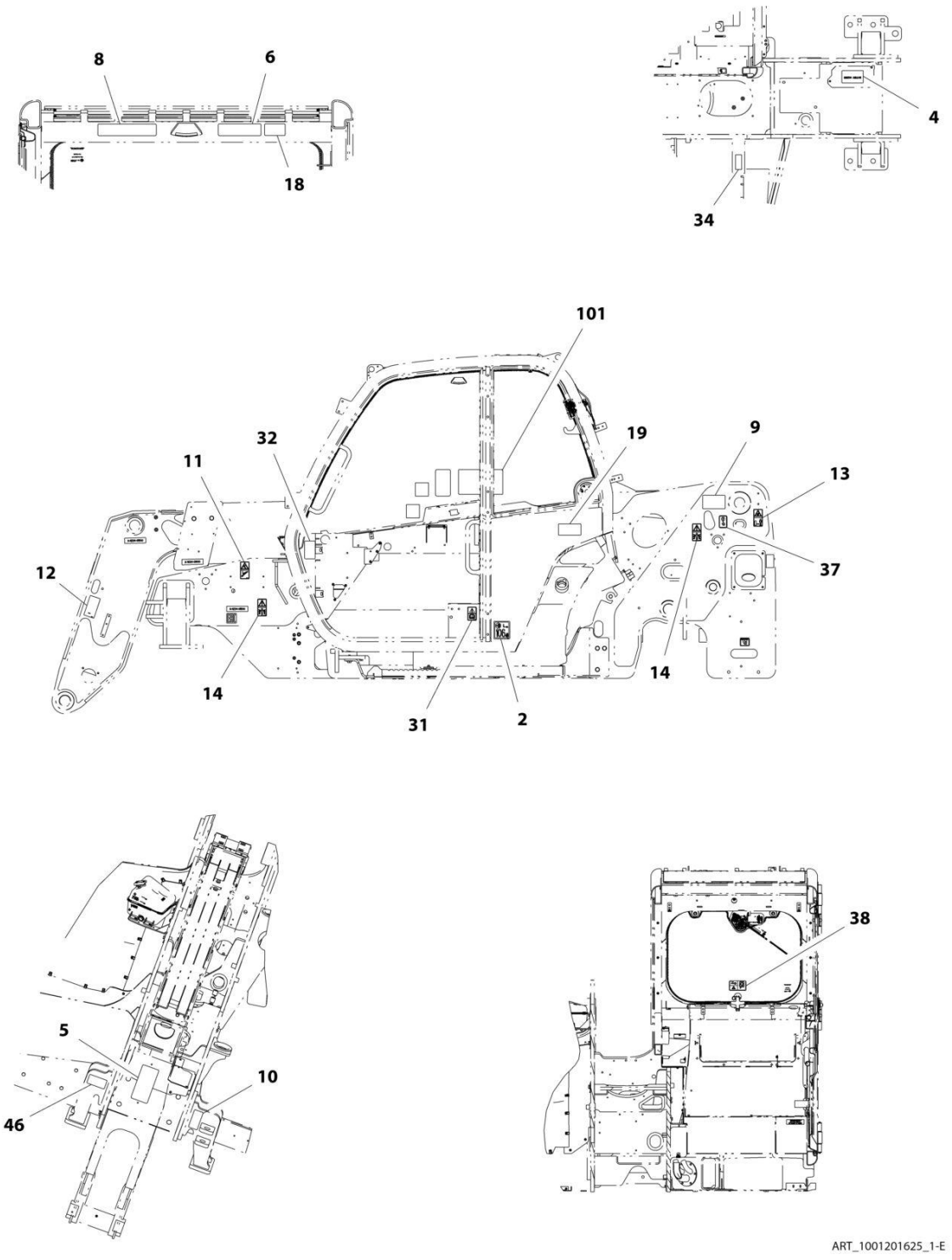
ART_1001201604_2-E

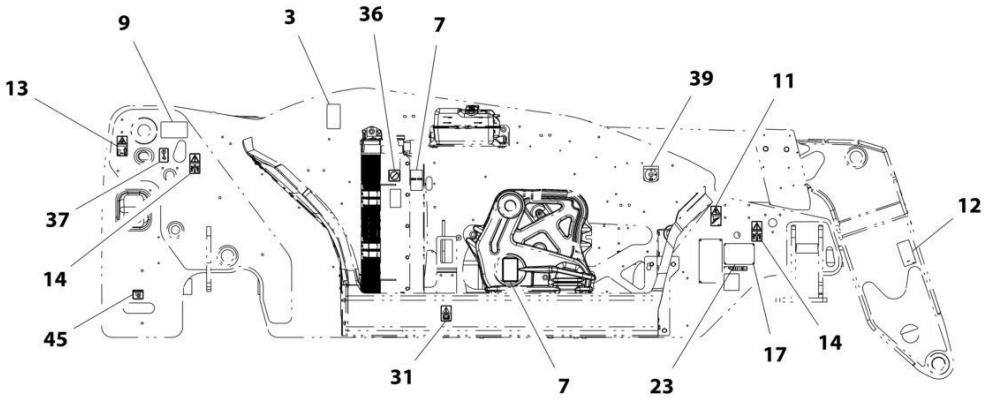
SECTION 11 - DECALS

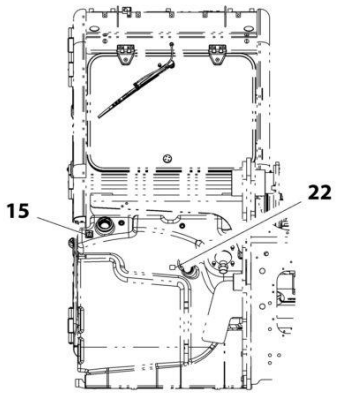
FIGURE 11-6. DECALS INSTALLATION (ISO - ULS)

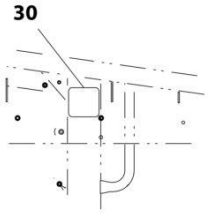
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201604	Ref	Decals Installation (ISO - ULS)	E
1	1001227287	1	Decal, Manual	
2	1705980	1	Decal, Acoustic Power 106db	
3	1706098	1	Decal, Warning Ether Start	
4	1706281	1	Decal, Battery Warning (ISO)	
5	1001223875	1	Decal, Carry Personnel (ISO)	
6	1706284	1	Decal, Electrocution Hazard (ISO)	
7	1706285	2	Decal, Moving Parts (ISO)	
8	1706288	1	Decal, Tip Over Warning (ISO)	
9	1706292	2	Decal, Pinch Point (ISO)	
10	1001100957	1	Decal, Lift/Tie Down Point	
11	8005671	2	Decal, Cylinder Lock Warning	
12	8005675	2	Decal, Watch for Raised Boom Warning	
13	8006612	2	Decal, Stay Clear of Swing Area	
14	8008657	4	Decal, Set Brake Lever Warning	
15	8009816	1	Decal, Hydraulic Oil	
17	1001009178	4	Tack, Metal	
18	1001092877	1	Decal, Crush Hazard Warning (ISO)	
19	1001092878	1	Decal, No Riders (ISO)	
20	1001101895	1	Decal, Cab Warning	
22	1001130323	1	Decal, Oil Level	
23	1001139647	1	Decal, Nameplate	
24	1001139654	1	Decal, Ultra Low Sulphur Fuel	
27	1001172035	1	Decal, No Weld or Drill	
30	1001214206	1	Decal, Park Brake	
31	1001189154	2	Decal, Read Operators Manual	
32	1001191229	1	Decal, Fuse Panel	
34	1001195856	1	Decal, Battery Disconnect	
35	1001196806	1	Decal, Diesel Exhaust Fluid	
36	AU2105	1	Decal, No Karcher	
37	8005616	2	Decal, Lifting Point	
38	8005870	1	Decal, Emergency Exit	
39	1001008540	1	Plate, Battery	
45	4109801	2	Decal, Tie Down Point	
46	1001162864	1	Decal, Lift/Tie Down Point	
101	1001160916	1	Reverse Sensing Decal	

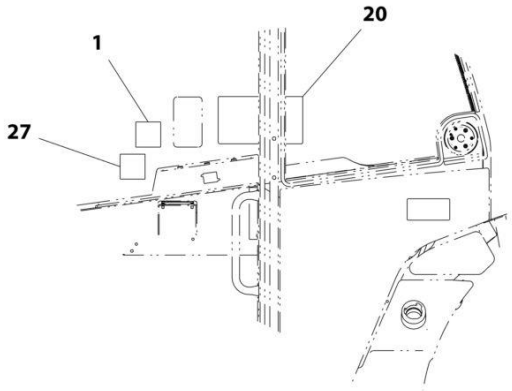
FIGURE 11-7. DECALS INSTALLATION (ISO - LS)











ART_1001201625_2-E

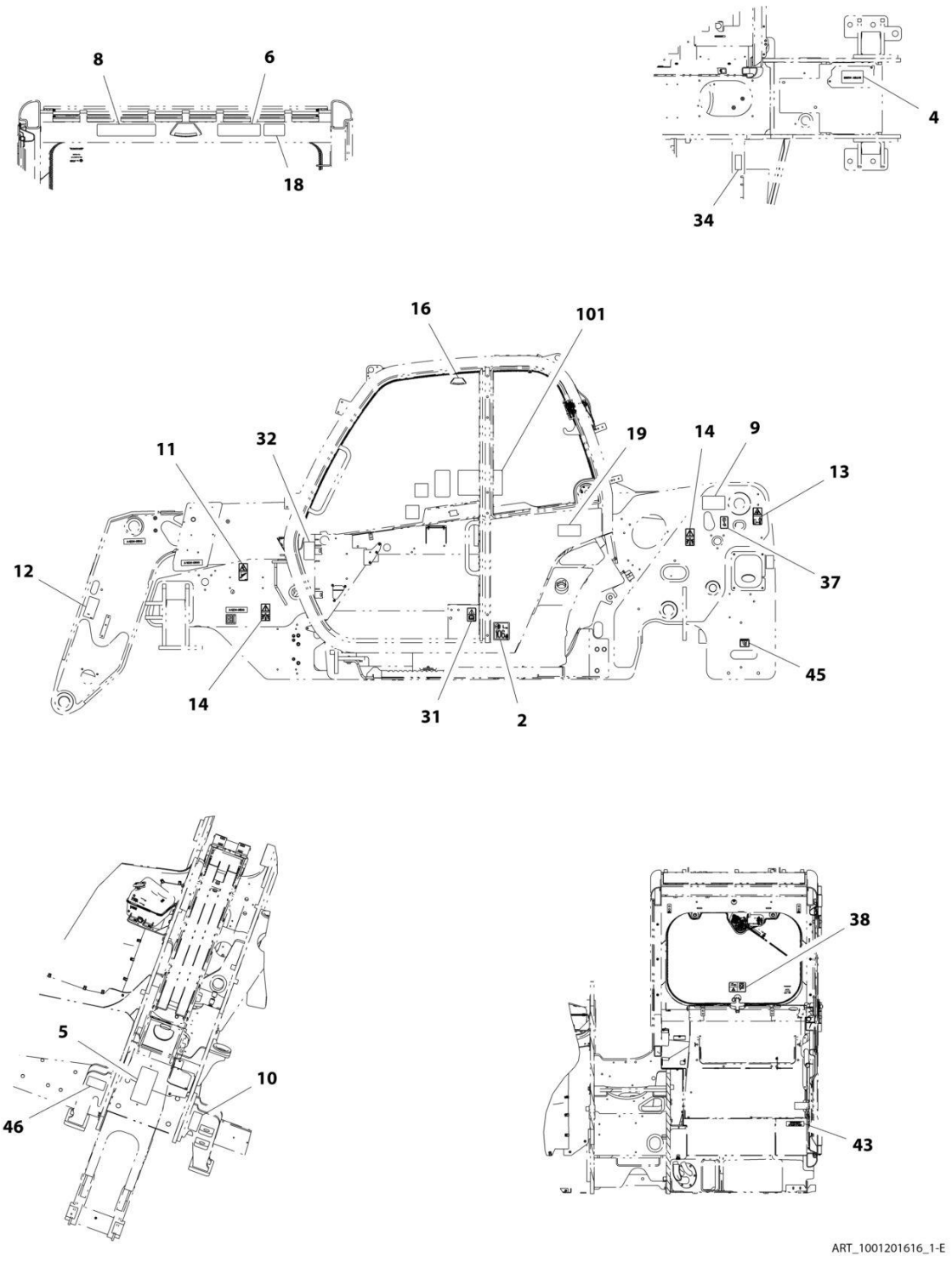
SECTION 11 - DECALS

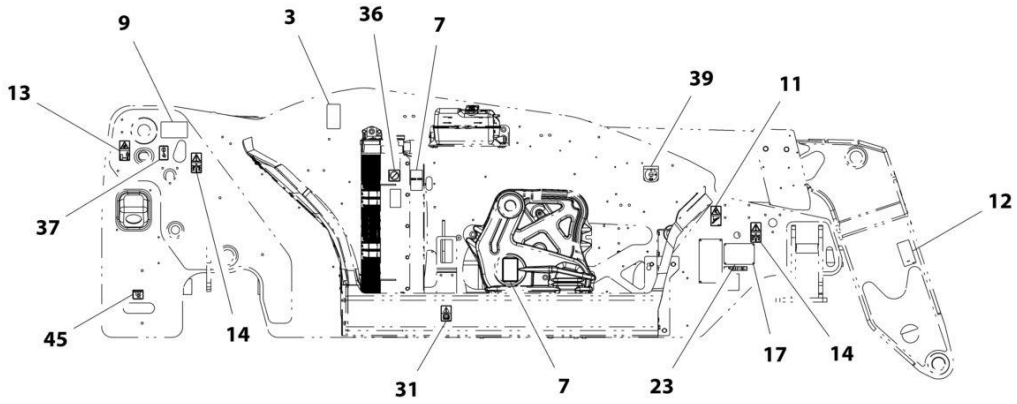
FIGURE 11-7. DECALS INSTALLATION (ISO - LS)

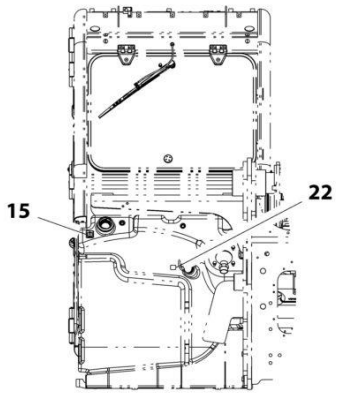
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201625	1	Decals Installation (ISO - LS)	E
1	1001227287	1	Decal, Manual	
2	1705980	1	Decal, Acoustic Power 106db	
3	1706098	1	Decal, Warning Ether Start	
4	1706281	1	Decal, Battery Warning (ISO)	
5	1001223875	1	Decal, Carry Personnel (ISO) **(SN 0160040120 to Present)**	
6	1706284	1	Decal, Electrocution Hazard (ISO)	
7	1706285	2	Decal, Moving Parts (ISO)	
8	1706288	1	Decal, Tip Over Warning (ISO)	
9	1706292	2	Decal, Pinch Point (ISO) **(SN 0160040120 to Present)**	
10	1001100957	1	Decal, Lift/Tie Down Point	
11	8005671	2	Decal, Cylinder Lock Warning	
12	8005675	2	Decal, Watch for Raised Boom Warning	
13	8006612	2	Decal, Stay Clear of Swing Area	
14	8008657	4	Decal, Set Brake Lever Warning	
15	8009816	1	Decal, Hydraulic Oil	
17	1001009178	4	Tack, Metal	
18	1001092877	1	Decal, Crush Hazard Warning (ISO)	
19	1001092878	1	Decal, No Riders (ISO)	
20	1001101895	1	Decal, Cab Warning	
22	1001130323	1	Decal, Oil Level	
23	1001139647	1	Plate, Serial Number JLG EUR	
27	1001172035	1	Decal, No Weld or Drill	
30	1001214206	1	Decal, Park Brake	
31	1001189154	2	Decal, Read Operators Manual	
32	1001191229	1	Decal, Fuse Panel	
34	1001195856	1	Decal, Battery Disconnect LBP	
36	AU2105	1	Decal, No Karcher	
37	8005616	2	Decal, Lifting Point	
38	8005870	1	Decal, Emergency Exit	
39	1001008540	1	Plate, Battery	
45	4109801	2	Decal, Tie Down Point	
46	1001162864	1	Decal, Lift/Tie Down Point	
101	1001160916	1	Reverse Sensing Decal	

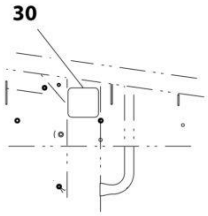
SECTION 11 - DECALS

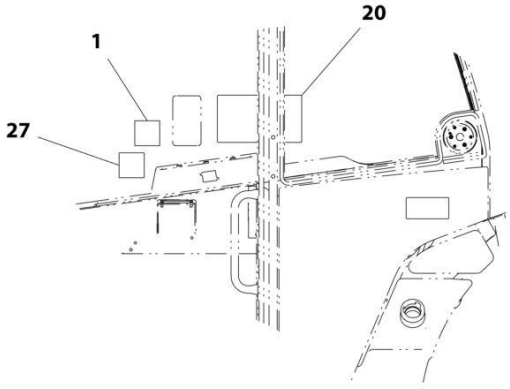
FIGURE 11-8. DECALS INSTALLATION (AUS - LS)











ART_1001201616_2-E

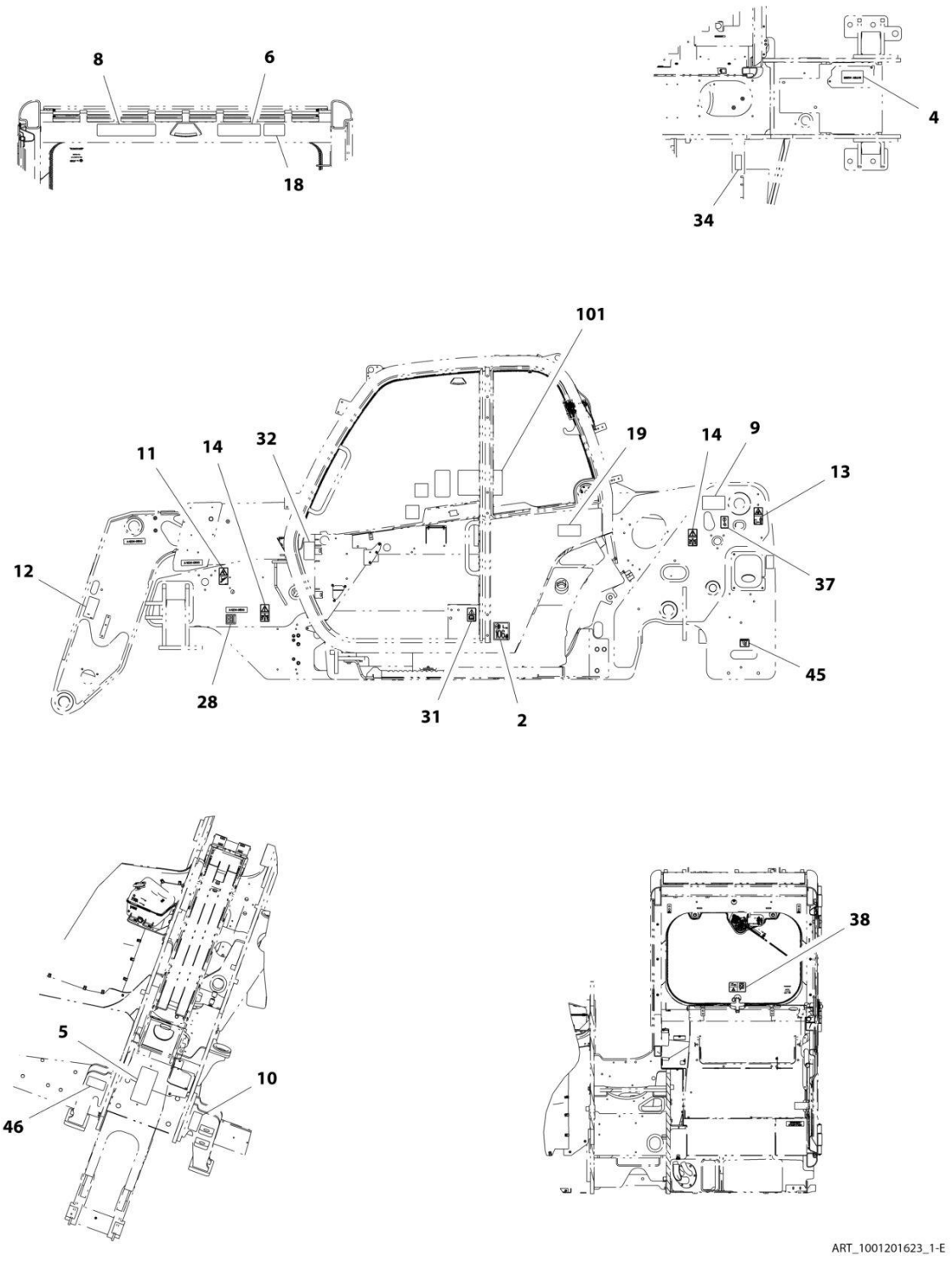
SECTION 11 - DECALS

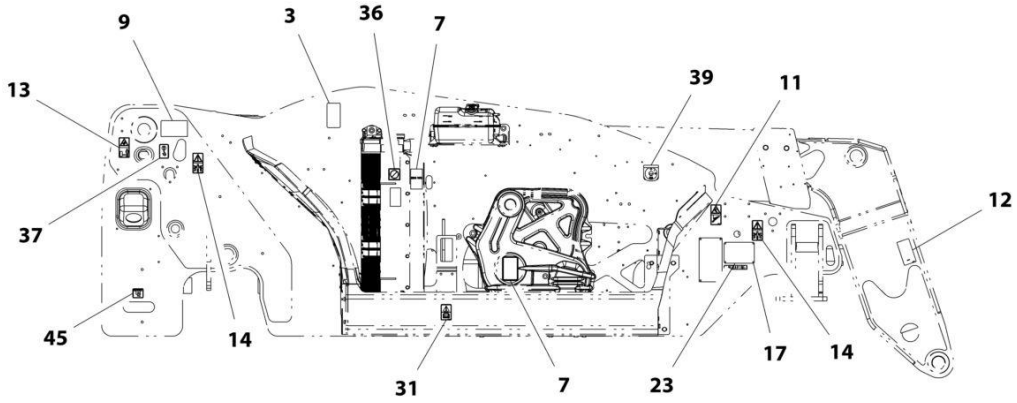
FIGURE 11-8. DECALS INSTALLATION (AUS - LS)

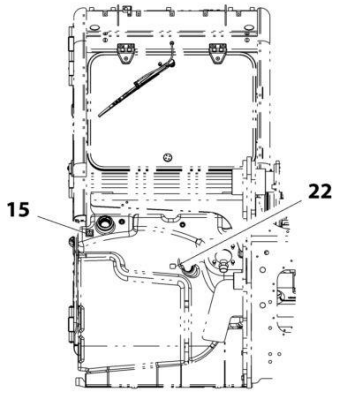
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201616	Ref	Decals Installation (AUS - LS)	E
1	1001227287	1	Decal, Manual	
2	1705980	1	Decal, Acoustic Power 106db	
3	1706098	1	Decal, Warning Ether Start	
4	1706281	1	Decal, Battery Warning (ISO)	
5	1001223875	1	Decal, Carry Personnel (ISO)	
6	1706284	1	Decal, Electrocution Hazard (ISO)	
7	1706285	2	Decal, Moving Parts (ISO)	
8	1706288	1	Decal, Tip Over Warning (ISO)	
9	1706292	2	Decal, Pinch Point (ISO)	
10	1001100957	1	Decal, Lift/Tie Down Point	
11	8005671	2	Decal, Cylinder Lock Warning	
12	8005675	2	Decal, Watch for Raised Boom Warning	
13	8006612	2	Decal, Stay Clear of Swing Area	
14	8008657	4	Decal, Set Brake Lever Warning	
15	8009816	1	Decal, Hydraulic Oil	
16	8466306	1	Gage, Tilt Angle	
17	1001009178	4	Tack, Metal	
18	1001092877	1	Decal, Crush Hazard Warning (ISO)	
19	1001092878	1	Decal, No Riders (ISO)	
20	1001101895	1	Decal, Cab Warning	
22	1001130323	1	Decal, Oil Level	
23	1001155231	1	Decal, SN Plate Australian	
27	1001172035	1	Decal, No Weld or Drill	
30	1001214206	1	Decal, Park Brake	
31	1001189154	2	Decal, Read Operators Manual	
32	1001191229	1	Decal, Fuse Panel	
34	1001195856	1	Decal, Battery Disconnect LBP	
36	AU2105	1	Decal, No Karcher	
37	8005616	2	Decal, Lifting Point	
38	8005870	1	Decal, Emergency Exit	
39	1001008540	1	Plate, Battery	
43	1001155230	1	Decal, Cab AUS Safety	
45	4109801	2	Decal, Tie Down Point	
46	1001162864	1	Decal, Lift/Tie Down Point	
101	1001160916	1	Reverse Sensing Decal	

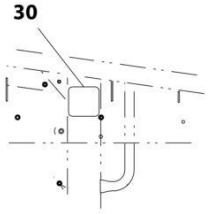
SECTION 11 - DECALS

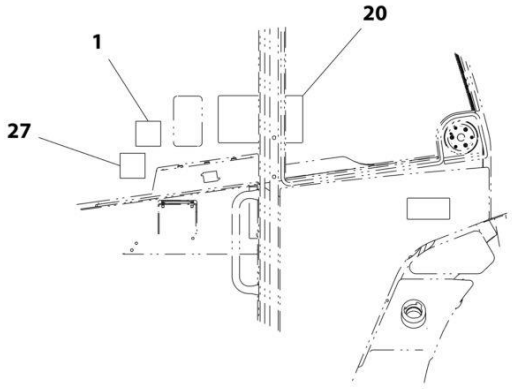
FIGURE 11-9. DECALS INSTALLATION (RUS - LS)











ART_1001201623_2-E

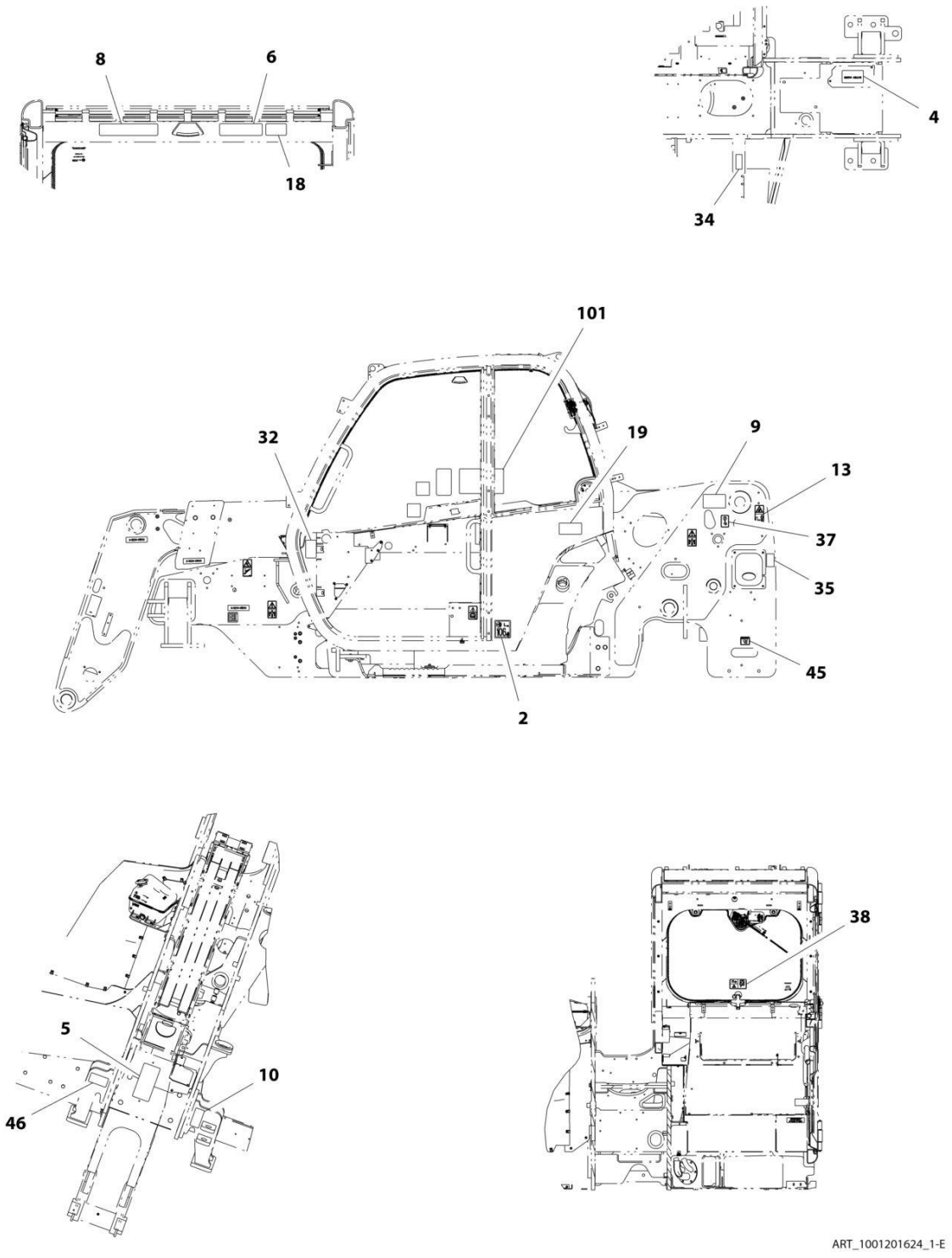
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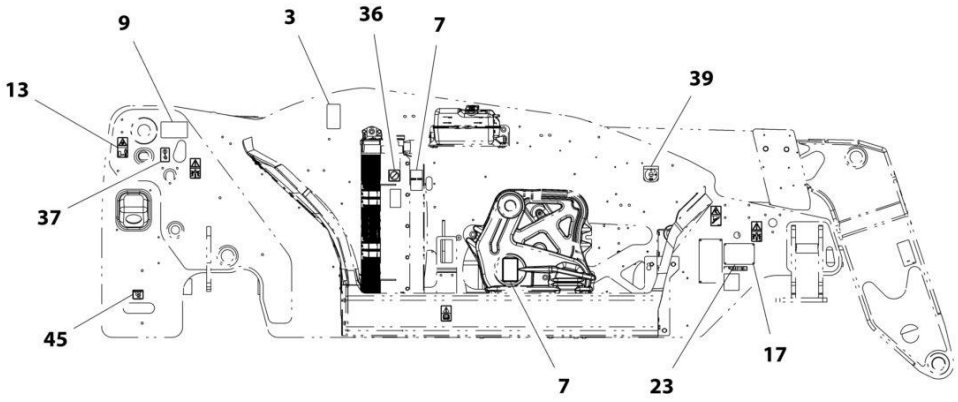
FIGURE 11-9. DECALS INSTALLATION (RUS - LS)

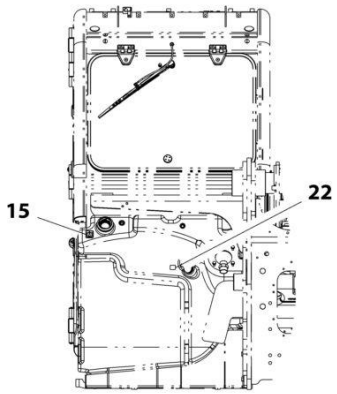
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201623	1	Decals Installation (RUS - LS)	E
1	1001227287	1	Decal, Manual	
2	1705980	1	Decal, Acoustic Power 106db	
3	1706098	1	Decal, Warning Ether Start	
4	1706281	1	Decal, Battery Warning (ISO)	
5	1001223875	1	Decal, Carry Personnel (ISO)	
6	1706284	1	Decal, Electrocution Hazard (ISO)	
7	1706285	2	Decal, Keep Clear Of Rotating Parts Warning (ISO)	
8	1706288	1	Decal, Tip Over Warning (ISO)	
9	1706292	2	Decal, Pinch Point Boom Holes (ISO)	
10	1001100957	1	Decal, Lift/Tie Down Point	
11	8005671	2	Decal, Cylinder Lock Warning	
12	8005675	2	Decal, Watch for Raised Boom Warning	
13	8006612	2	Decal, Stay Clear of Swing Area	
14	8008657	4	Decal, Set Brake Lever Warning	
15	8009816	1	Decal, Hydraulic Oil	
17	1001009178	4	Tack, Metal	
18	1001092877	1	Decal, Crush Hazard Warning (ISO)	
19	1001092878	1	Decal, No Riders (ISO)	
20	1001101895	1	Decal, Cab Warning	
22	1001130323	1	Decal, Oil Level	
23	1001139647	1	Decal, Nameplate Serial No	
27	1001172035	1	Decal, No Weld or Drill	
28	1001173703	1	Decal, EAC	
30	1001214206	1	Decal, Park Brake	
31	1001189154	2	Decal, Read Operators Manual	
32	1001191229	1	Decal, Fuse Panel	
34	1001195856	1	Decal, Battery Disconnect LBP	
36	AU2105	1	Decal, No Karcher	
37	8005616	2	Decal, Lifting Point	
38	8005870	1	Decal, Emergency Exit	
39	1001008540	1	Plate, Battery	
45	4109801	2	Decal, Tie Down Point	
46	1001162864	1	Decal, Lift/Tie Down Point	
101	1001160916	1	Reverse Sensing Decal	

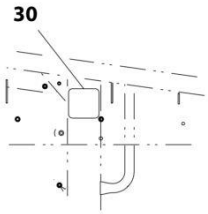
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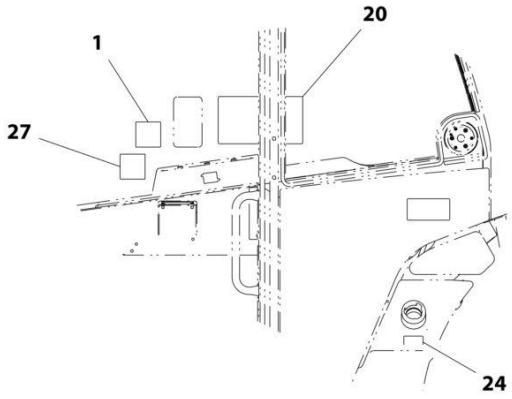
FIGURE 11-10. DECALS INSTALLATION (NACD - ULS)











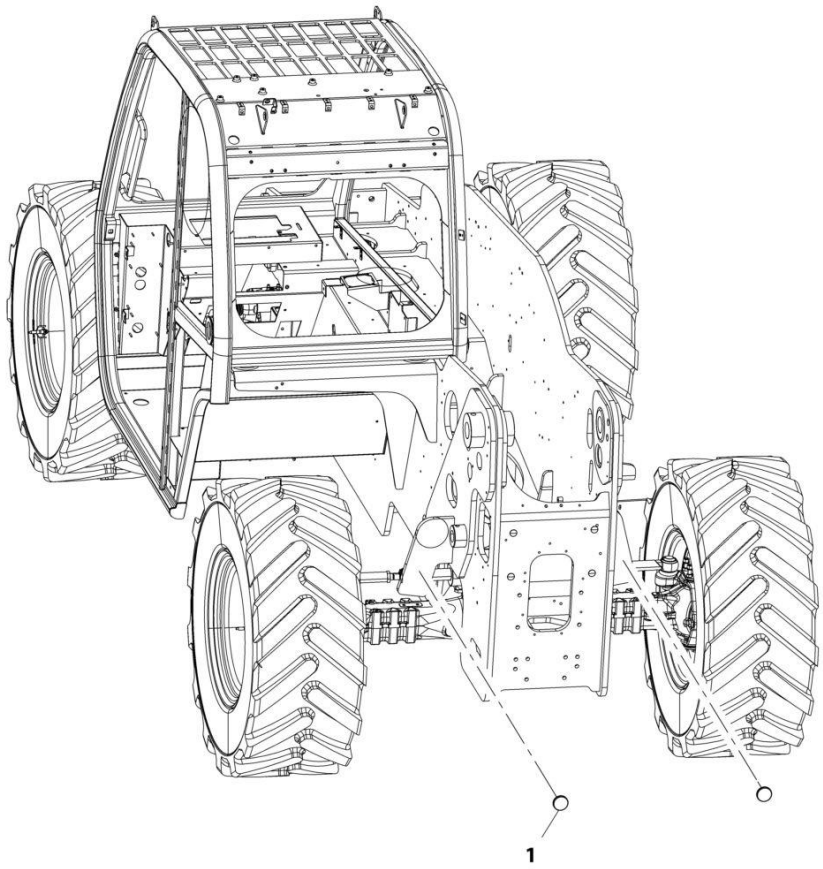
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FIGURE 11-10. DECALS INSTALLATION (NACD - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201624	Ref	Decals Installation (NACD - ULS)	E
1	1001227287	1	Decal, Manual	
2	1705980	1	Decal, Acoustic Power 106db	
3	1706098	1	Decal, Warning Ether Start	
4	1706296	1	Decal, Battery Warning (ANSI)	
5	1001102750	1	Decal, Carry Personnel	
6	1706299	1	Decal, Contacting Power Lines Warning	
7	1706301	2	Decal, Keep Clear Of Rotating Parts Warning	
8	1706306	1	Decal, Tip Over Warning	
9	1706302	2	Decal, Pinch Point Boom Holes	
10	1001100957	1	Decal, Lift/Tie Down Point	
13	8006612	2	Decal, Stay Clear of Swing Area	
15	8009816	1	Decal, Hydraulic Oil	
17	1001009178	4	Tack, Metal	
18	1706850	1	Decal, Crush Hazard Warning	
19	1706768	1	Decal, Vehicle Roll Away	
20	1707078	1	Decal, Warning/Danger	
22	1001130323	1	Decal, Oil Level	
23	1001174911	1	Plate, Serial Number JLG USA	
24	1001125387	1	Decal, Ultra Low Sulfur Diesel	
27	1001172035	1	Decal, No Weld or Drill	
30	1001214206	1	Decal, Park Brake	
32	1001191229	1	Decal, Fuse Panel	
34	1001195856	1	Decal, Battery Disconnect LBP	
35	1001196806	1	Decal, Diesel Exhaust Fluid	
36	AU2105	1	Decal, No Karcher	
37	8005616	1	Decal, Lifting Point	
38	8005870	1	Decal, Emergency Exit	
39	1001008540	1	Plate, Battery	
45	4109801	2	Decal, Tie Down Point	
46	1001162864	1	Decal, Lift/Tie Down Point	
101	1001160072	1	Reverse Sensing Decal	
101	1001160945	1	Reverse Sensing Decal	

FIGURE 11-11. REFLECTORS INSTALLATION



ART_1001213030-A

FIGURE 11-11. REFLECTORS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213030	1	Reflectors Installation	A
1	3700015	2	Reflector, Rear	

FIGURE 11-12. HOMOLOGATION PLATE INSTALLATION

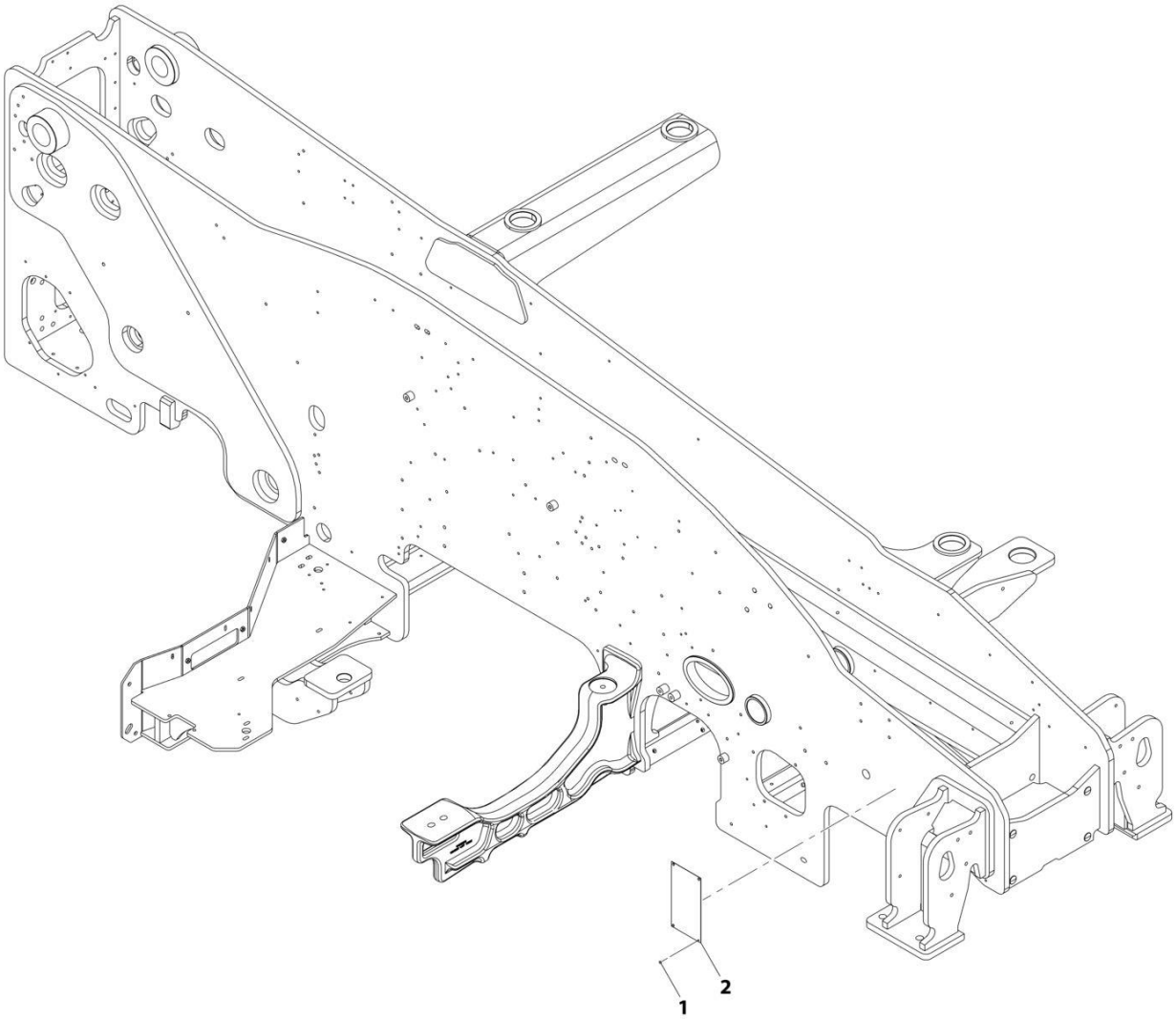


FIGURE 11-12. HOMOLOGATION PLATE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225657	Ref	Homologation Plate Installation	B
1	1001009178	4	Tack, Metal	
2	1001232659	1	Plate, Homologation	

SECTION 12 - RECOMMENDED SPARE PARTS

SECTION 12 - RECOMMENDED SPARE PARTS

FIGURE 12-1. RECOMMENDED SPARE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Frame & Attaching Parts**	
	1001142658	1	Cap, Fuel	
	1001142659	1	Cap, Hydraulic	
		Ref	**Boom**	
	1001147731	AR	SHIM,1 X 45 X 185,100 HOLE CTRS	
	1001148147	AR	SHIM,1 X 67.5 X 185	
	1001147657	AR	PAD,15 X 45 X 181,NYLUBE	
	1001175949	AR	PAD,43 X 45 X 181MM	
	1001148103	AR	PAD,15 X 67.5 X 181,NYLUBE	
	1001175950	AR	PAD,43 X 67.5 X 181	
		Ref	**Engine and Attaching Parts**	
	7016331	1	Filter, Oil	
	70004520	1	Starter	
	70026007	1	Element, Main	
	70026008	1	Element, Safety	
	1001191472	1	Filter, Def Tank Vent	
	1001188377	1	Dipstick	
	70027403	1	V-Belt, (ULS)	
	70025478	1	V-Belt (ls)	
		Ref	**Cab**	
	1001172546	1	Filter, HVAC Air	
	1001172553	1	Filter, HVAC Recirculation Air	
	1001141281	1	Blade, Wiper	
	1001141313	1	Blade, Roof Wiper	
		Ref	**Hydraulic Components**	
	70026844	1	Kit, Seal, Lift Cylinder	
	70027222	1	Kit, Seal, Tilt Cylinder	
	70026839	1	Kit, Seal, Extend/Retract Cylinder	
	70027231	1	Kit, Seal, Compensation Cylinder	
	70024168	1	Kit, Seal, Coupler Locking Cylinder	
	1001162661	1	Filter, Hydraulic	
		Ref	**Electrical**	
	0400075	1	Battery, 12V	
	1001218328	1	Key, (JLG)	

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