DEUTZ FAHR

Illustrated Parts Manual

Agrovector

35.7

SN 1160007966 to Present

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August 13, 2018 - Rev C

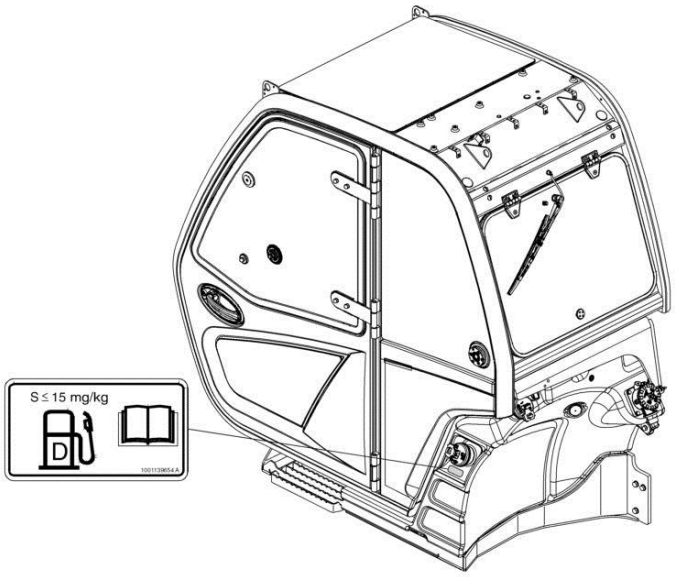
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EFFECTIVITY PAGE

November 14, 2016 - A - Original Issue of Manual
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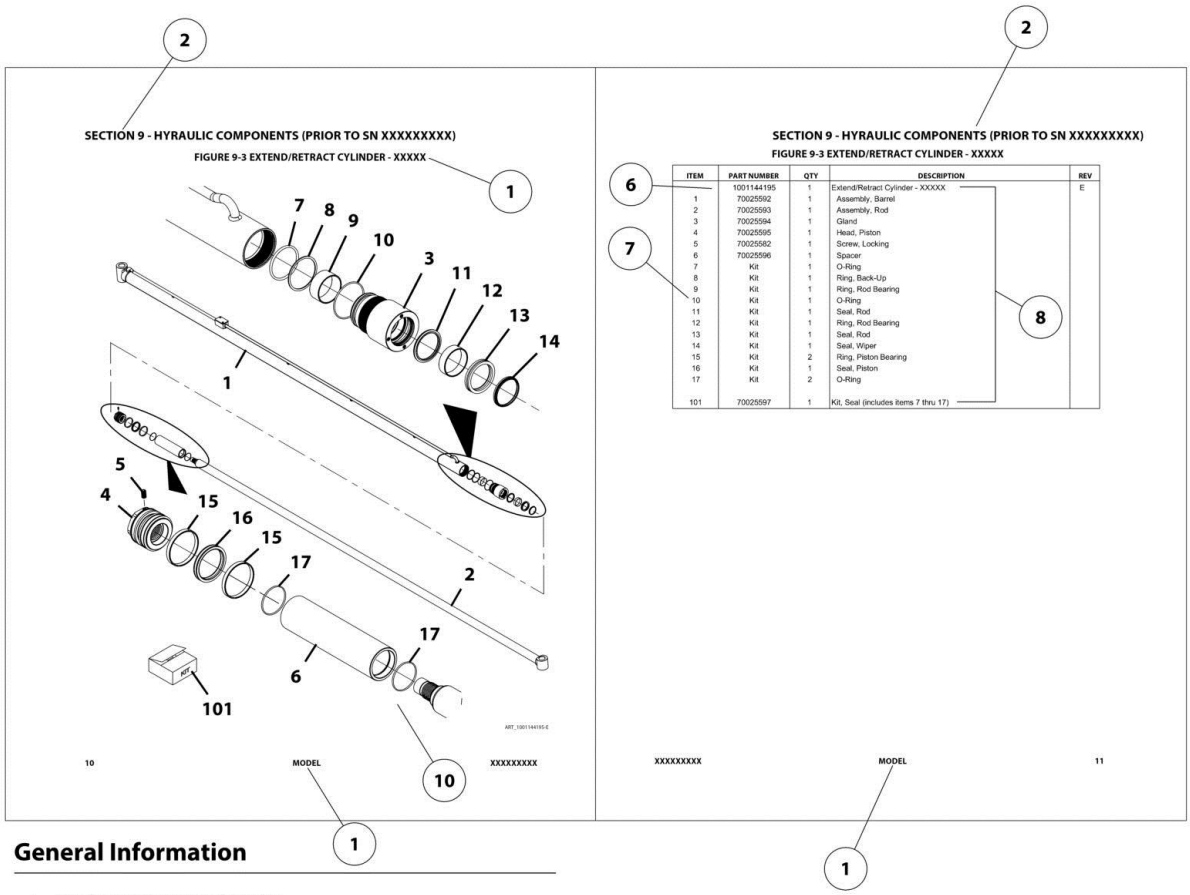
Machine Configuration



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.



General Information

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

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

3. **TABLE OF CONTENTS**
   A table of contents (TOC) is found toward the beginning of the manual. Figure number, description and page number are provided for quick reference to the page containing the related information.

4. **RECOMMENDED SPARE PARTS**
   The Recommended Spare Parts, located near the end of the manual, references most frequently used maintenance parts.

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

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

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

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

9. ABBREVIATIONS AND SYMBOLS

AC ..... Alternating Current
A/C ..... Air Conditioning
ADE ..... Advanced Design Electronics
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
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
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
RHOC ..... Remote Hydraulic Oil Cooler
RUS ..... Russia
SAE ..... Society of Automotive Engineers
SAHR ..... Spring Applied Hydraulically Released
SN ..... Serial Number
SPD ..... Speed
TLU ..... Torque Lock Up
UGM ..... Universal Ground Module

10. ILLUSTRATION REFERENCE LETTERS

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

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

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PART NUMBER INDEX 1165

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. FRAME INSTALLATION

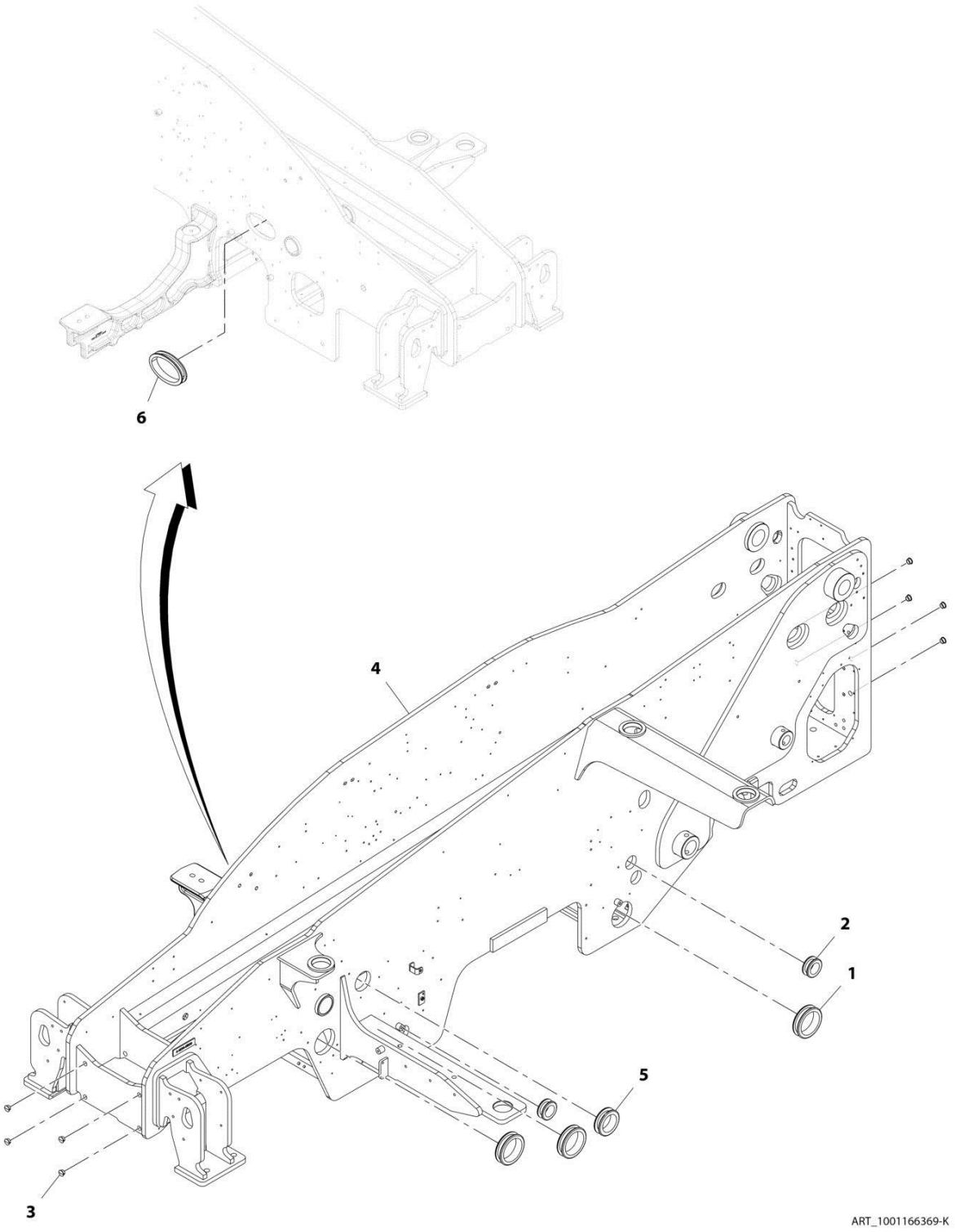
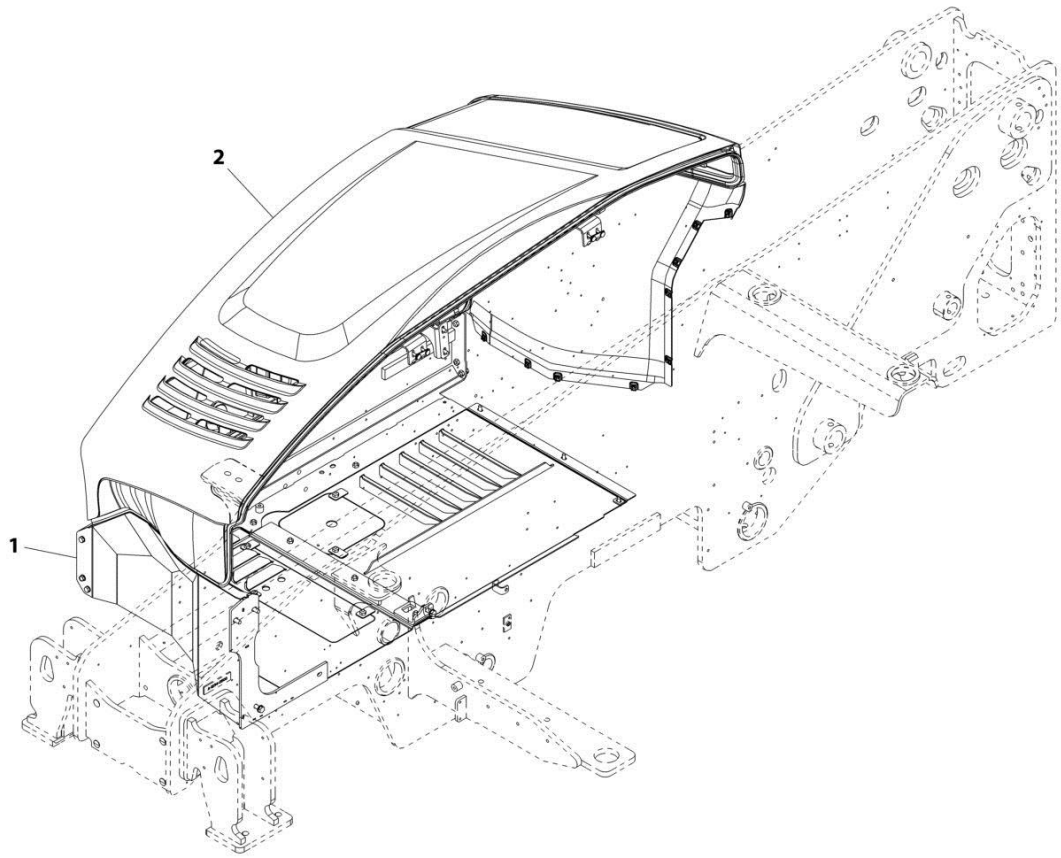


FIGURE 1-1. FRAME INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166369	Ref	Frame Installation	K
1	1001003439	3	Grommet, Rubber	
2	1001028308	2	Grommet, Rubber	
3	1001091126	8	Plug, Black	
4	1001153902J	1	Frame	
5	1001028291	1	Grommet	
6	1001217550	1	Grommet, Rubber	

FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION (NO RHOC)

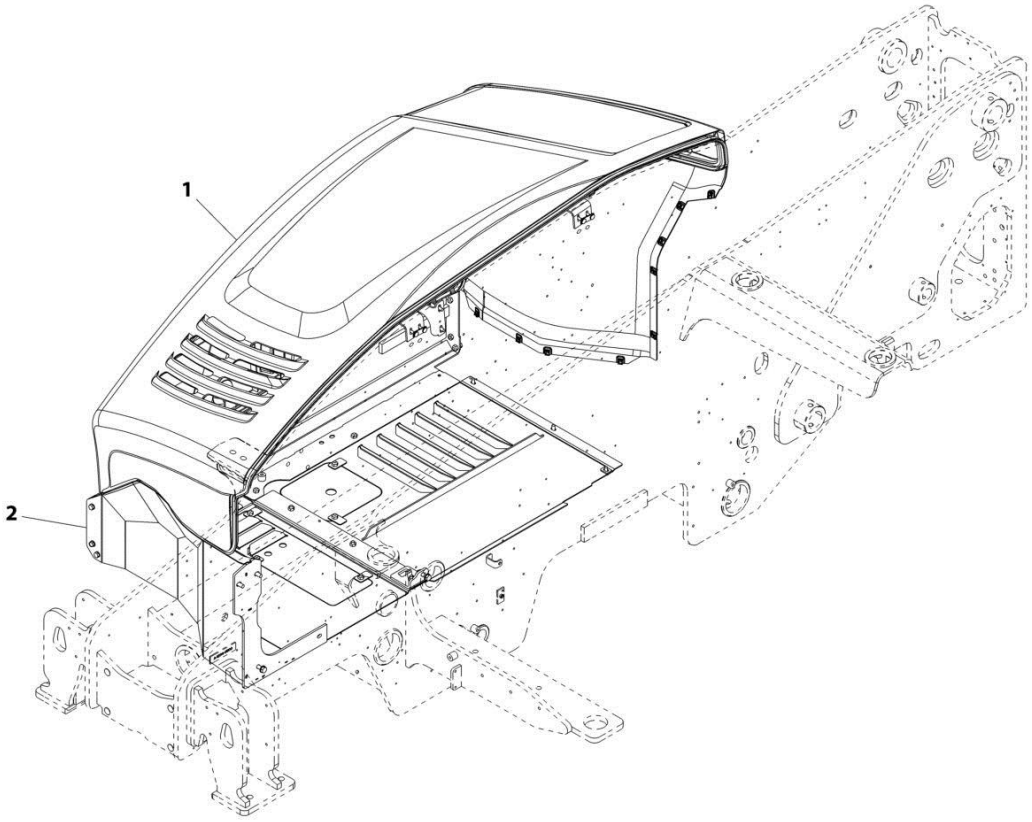


ART_1001182425-E

FIGURE 1-2. ENGINE ENCLOSURE INSTALLATION (NO RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182425	Ref	Engine Enclosure Installation (No RHOC)	E
1	1001195827	Ref	Installation, Engine Enclosure Cover (No RHOC) (See Separate Breakdown in this Section)	
2	1001184515	Ref	Installation, Hood (See Separate Breakdown in this Section)	

FIGURE 1-3. ENGINE ENCLOSURE INSTALLATION (RHOC)



ART_1001185792-E

FIGURE 1-3. ENGINE ENCLOSURE INSTALLATION (RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185792	Ref	Engine Enclosure Installation (RHOC)	E
1	1001184515	Ref	Installation, Hood (See Separate Breakdown in this Section)	
2	1001195829	Ref	Installation, Engine Enclosure Cover (RHOC) (See Separate Breakdown in this Section)	

FIGURE 1-4. ENGINE ENCLOSURE COVER INSTALLATION (NO RHOC)

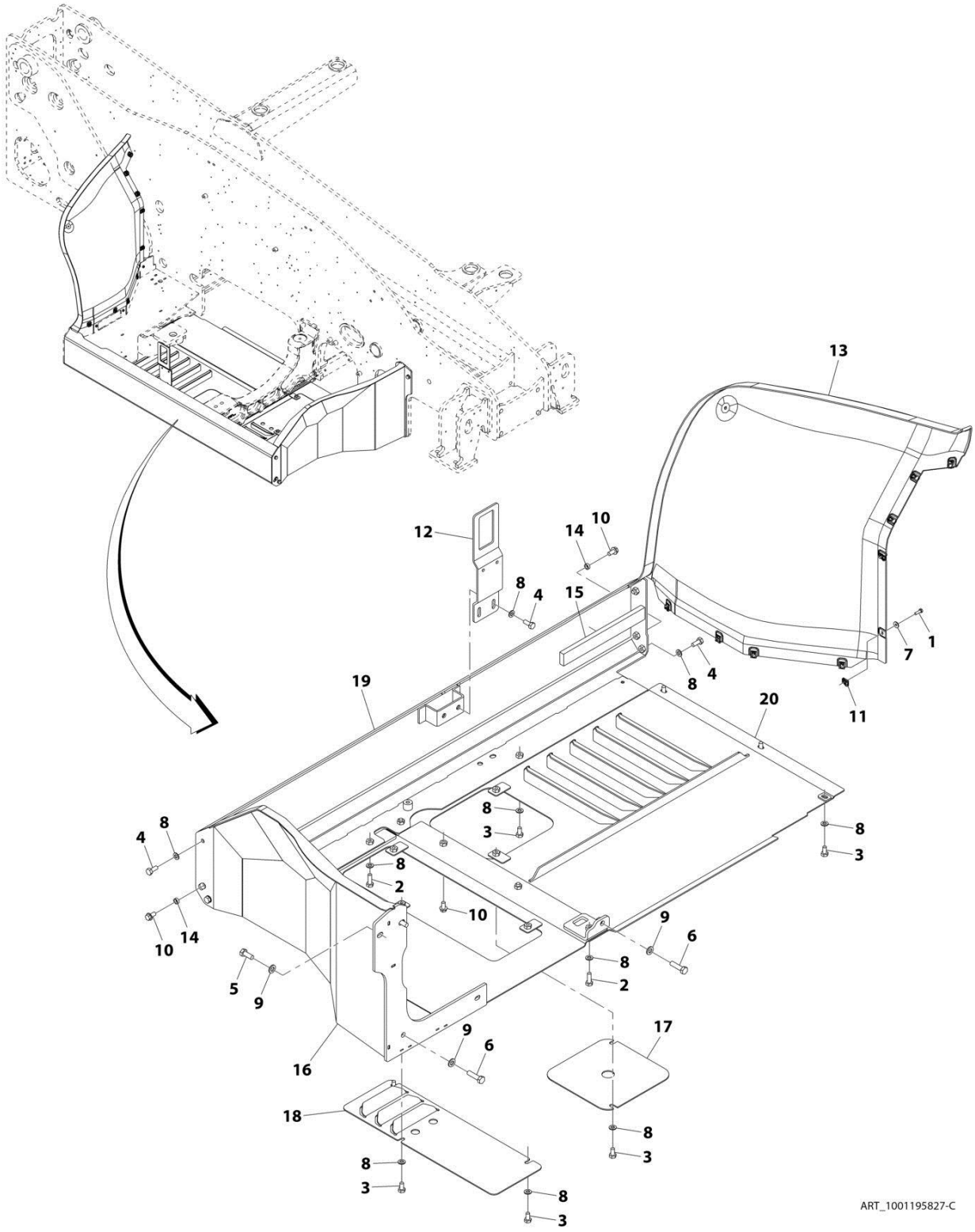


FIGURE 1-4. ENGINE ENCLOSURE COVER INSTALLATION (NO RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195827	Ref	Engine Enclosure Cover Installation (No RHOC)	C
1	0700610	9	Bolt, M6 X 20	
2	0701014	2	Bolt, M10X30	
3	0761010	10	Bolt, M10X20	
4	0761012	6	Bolt, M10X25	
5	0761214	2	Bolt, M12X30	
6	0761217	2	Bolt, M12X45	
7	4811702	9	Washer, M6	
8	4812000	18	Washer, M10	
9	4812100	4	Washer, M12	
10	5251010	4	Bolt, M10X20 Grade 10.9	
11	8305919	9	Nut, M6	
12	1001154688	1	Plate	
13	1001184524	1	Cover, Engine Enclosure Rear	
14	1001197135	2	Sleeve, Enclosure Skirt	
15	1001197266	1	Seal, Engine Enclosure	
16	1001195210J	1	Panel, Front Enclosure	
17	1001195240J	1	Plate	
18	1001195252J	1	Plate	
19	1001195274J	1	Panel, Engine Enclosure Side	
20	1001201805J	1	Panel, Engine Enclosure Base	

FIGURE 1-5. ENGINE ENCLOSURE COVER INSTALLATION (RHOC)

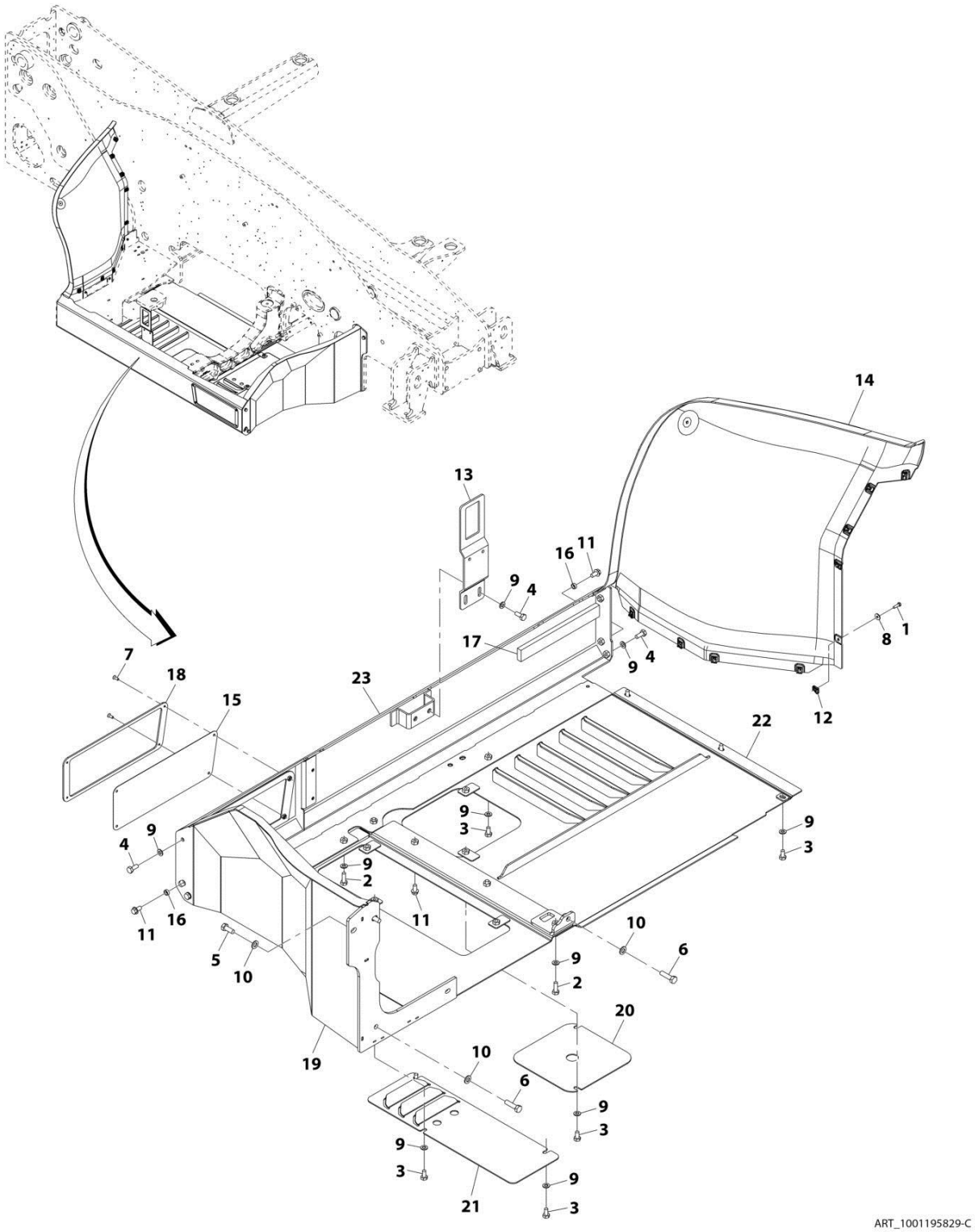


FIGURE 1-5. ENGINE ENCLOSURE COVER INSTALLATION (RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195829	Ref	Engine Enclosure Cover Installation (RHOC)	C
1	0700610	9	Bolt, M6 X 20	
2	0701014	2	Bolt, M10X30	
3	0761010	10	Bolt, M10X20	
4	0761012	6	Bolt, M10X25	
5	0761214	2	Bolt, M12X30	
6	0761217	2	Bolt, M12X45	
7	3900224	4	Screw	
8	4811702	9	Washer, M6	
9	4812000	18	Washer, M10	
10	4812100	4	Washer, M12	
11	5251010	4	Bolt, M10X20 Grade 10.9	
12	8305919	9	Nut, M6	
13	1001154688	1	Plate	
14	1001184524	1	Cover, Engine Enclosure Rear	
15	1001185061	1	Grill, Engine Enclosure	
16	1001197135	2	Sleeve, Enclosure Skirt	
17	1001197266	1	Seal, Engine Enclosure	
18	1001185023J	1	Panel, Front Vent	
19	1001195210J	1	Panel, Front Enclosure	
20	1001195240J	1	Plate	
21	1001195252J	1	Plate	
22	1001201805J	1	Panel, Engine Enclosure Base	
23	1001196876J	1	Panel, Engine Enclosure Side	

FIGURE 1-6. AIR INTAKE SEAL INSTALLATION

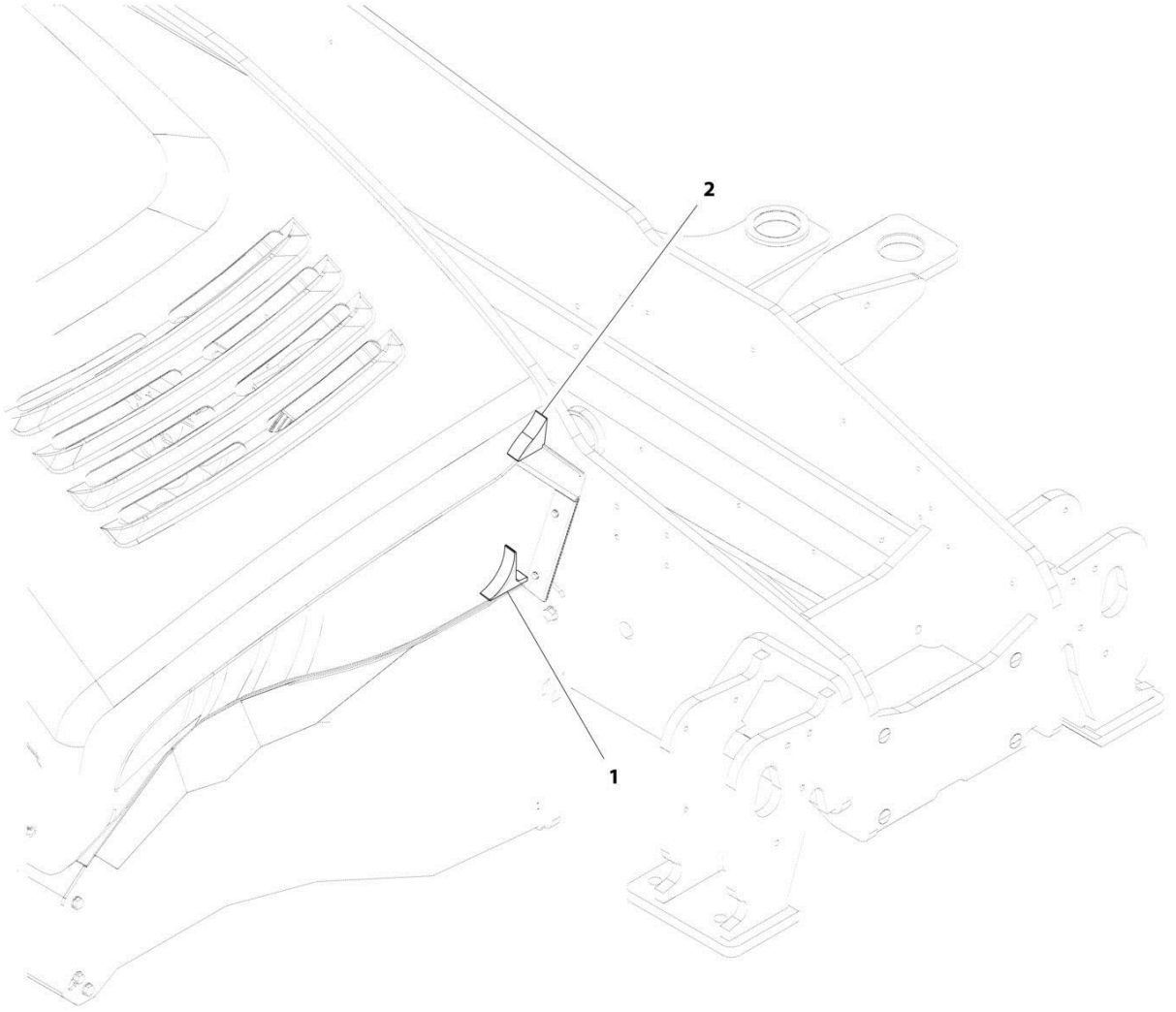


FIGURE 1-6. AIR INTAKE SEAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217557	Ref	Air Intake Seal Installation	A
1	1001211786	1	Seal	
2	1001211787	1	Seal	

FIGURE 1-7. HOOD INSTALLATION (DEUTZ-FAHR)

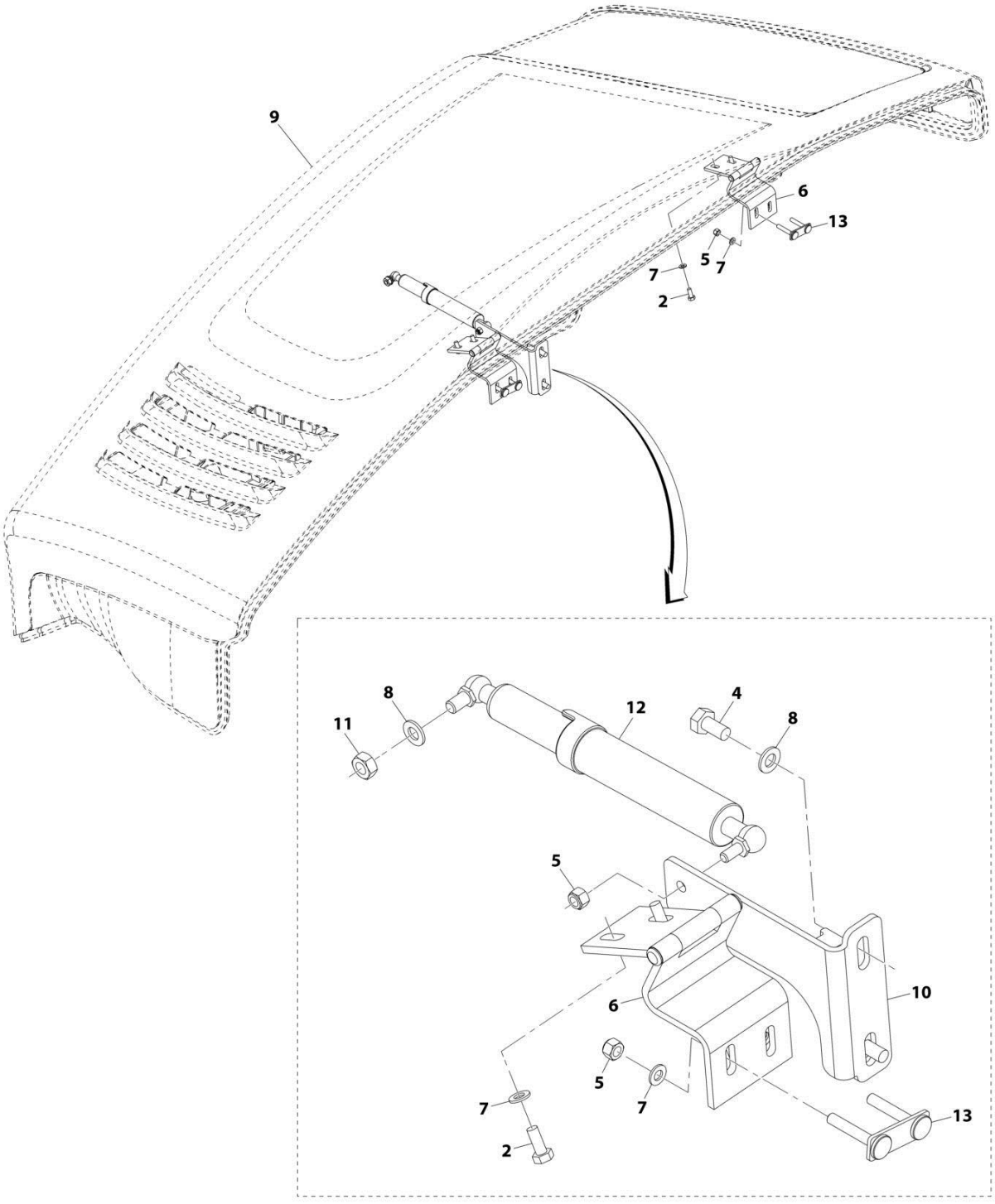


FIGURE 1-7. HOOD INSTALLATION (DEUTZ-FAHR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184515	Ref	Hood Installation	E
2	0760810	4	Bolt, M8X20	
4	0761010	2	Bolt, M10X20	
5	3290805	5	Nut, Lock M8X1.25 Grade 8	
6	1001205080	2	Hinge, Hood	
7	4811900	8	Washer, M8	
8	4812000	3	Washer, M10	
9	1001230479	1	Hood	
10	1001184431	1	Bracket	
11	3291001	1	Nut, M10X1.5 Grade 8	
12	1001167288	1	Spring	
13	1001195587	2	Brace	

FIGURE 1-8. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS)

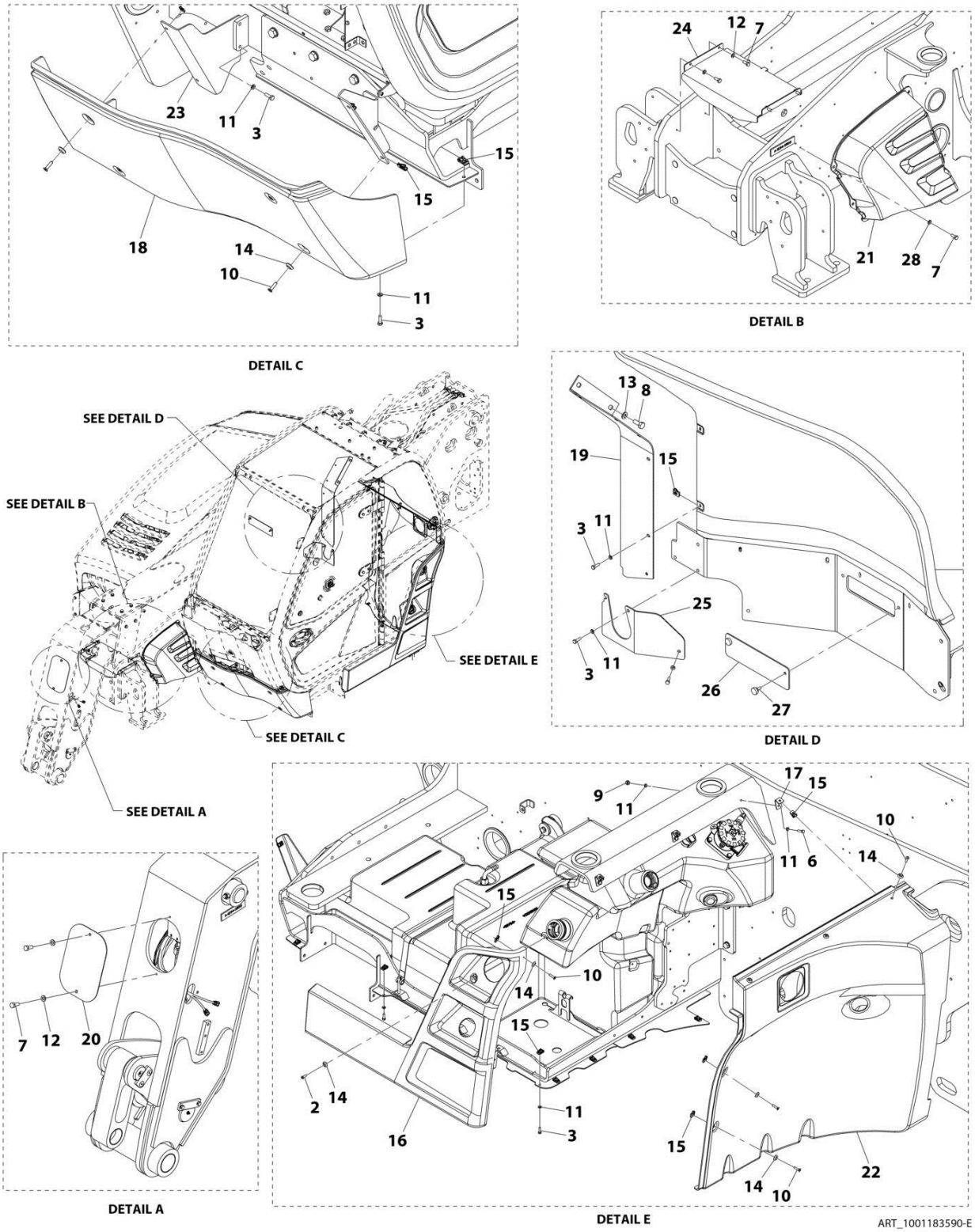


FIGURE 1-8. COVER PLATES INSTALLATION (NO OUTRIGGERS - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183590	Ref	Cover Plates Installation (No Outriggers - ULS)	E
2	0630576	1	Screw, M6X20	
3	0700610	14	Bolt, M6X20	
6	0760612	3	Bolt, M6X25	
7	0760810	10	Bolt, M8X20	
8	0761012	2	Bolt, M10X25	
9	3290605	3	Nut, Lock M6X1 Grade 8	
10	3900379	10	Screw, M6-1X25 Grade 10.9	
11	4811700	20	Washer, M6	
12	4811900	6	Washer, M8	
13	4812000	2	Washer, M10	
14	1001097540	11	Washer, M6	
15	8305919	18	Nut, M6	
16	1001168758	1	Cover, Side Tank	
17	1001171782	3	Plate, Angle Mount	
18	1001174328	1	Cover, Lower Front	
19	1001182210	1	Plate, Enclosure Rear	
20	1001185936	1	Plate, Cover Boom Head	
21	1001187717	1	Cover, ECU	
22	1001190408	1	Cover, Rear Tank	
23	1001191808	1	Bracket, Cover	
24	1001189984J	1	Panel, Frame	
25	1001201504J	1	Panel, Cover	
26	1001216923J	1	Plate, Radiator Cover	
27	2080092	2	Screw, Thumb M6X20	
28	4811902	4	Washer, M8	

FIGURE 1-9. COVER PLATES INSTALLATION (NO OUTRIGGERS - LS)

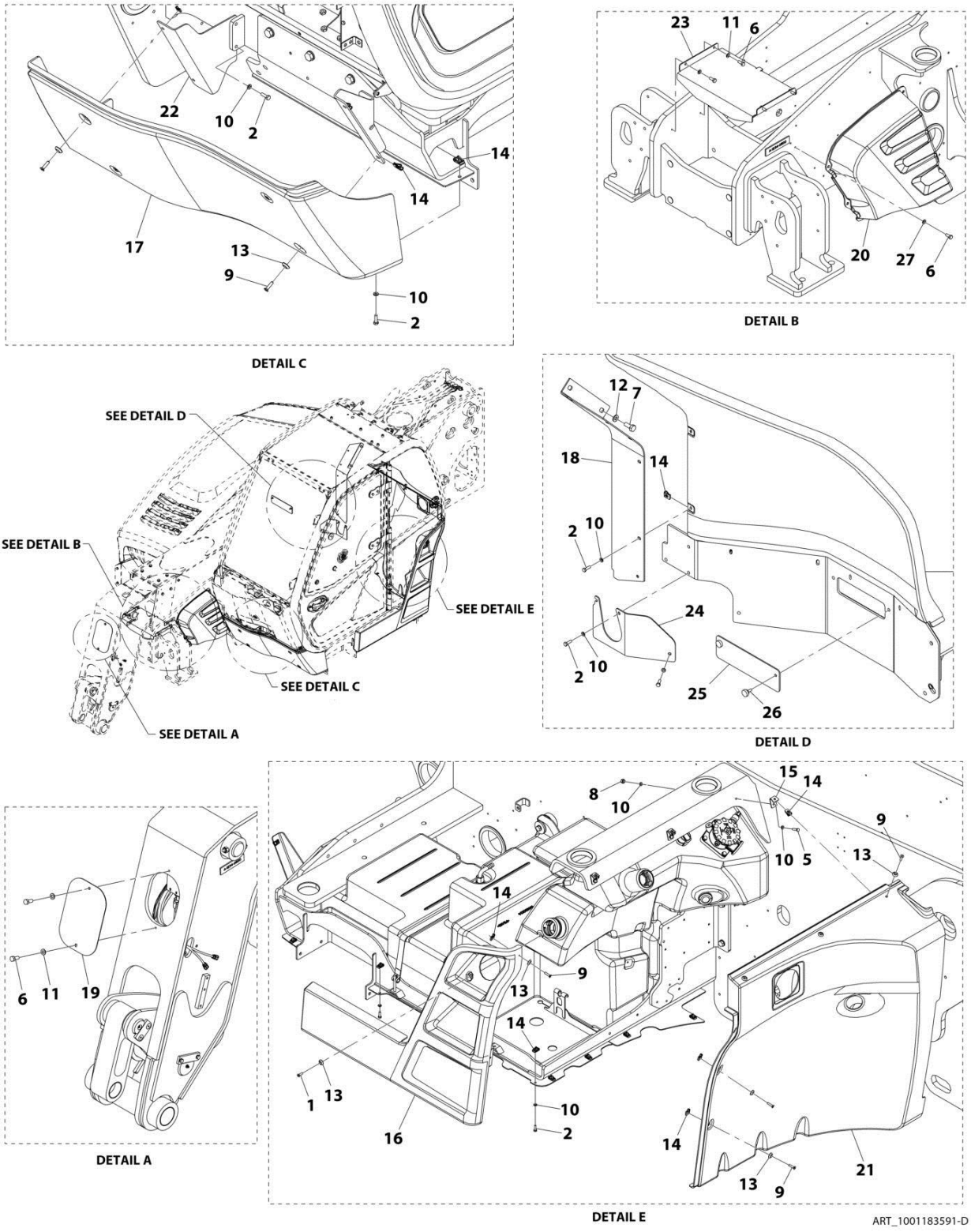
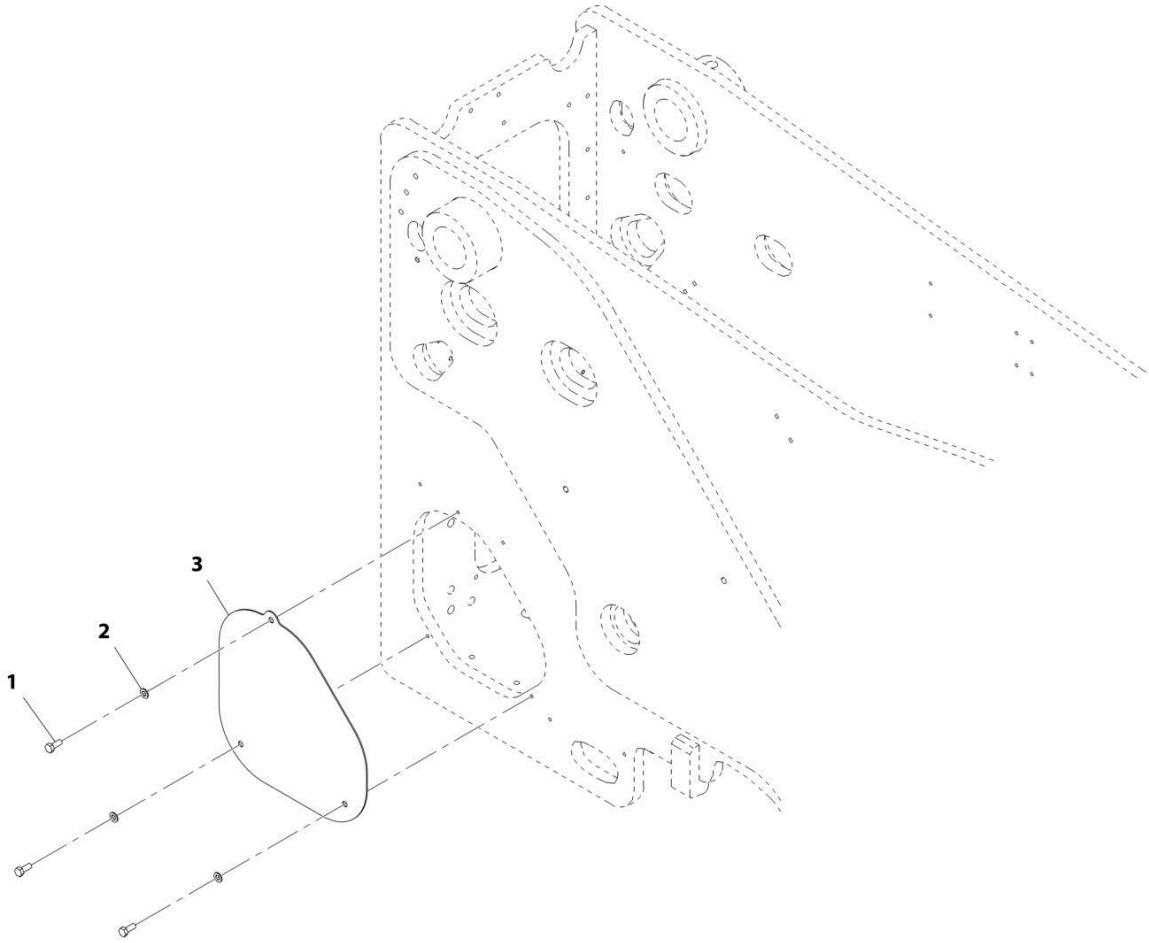


FIGURE 1-9. COVER PLATES INSTALLATION (NO OUTRIGGERS - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183591	Ref	Cover Plates Installation (No Outriggers - LS)	D
1	0630576	1	Screw, M6X20	
2	0700610	14	Bolt, M6X20	
5	0760612	3	Bolt, M6X25	
6	0760810	10	Bolt, M8X20	
7	0761012	2	Bolt, M10X25	
8	3290605	3	Nut, Lock M6X1 Grade 8	
9	3900379	10	Screw, M6-1X25 Grade 10.9	
10	4811700	20	Washer, M6	
11	4811900	6	Washer, M8	
12	4812000	2	Washer, M10	
13	1001097540	11	Washer, M6	
14	8305919	18	Nut, M6	
15	1001171782	3	Plate, Angle Mount	
16	1001172829	1	Cover, Side Tank	
17	1001174328	1	Cover, Lower Front	
18	1001182210	1	Plate, Enclosure Rear	
19	1001185936	1	Plate, Cover Boom Head	
20	1001187717	1	Cover, ECU	
21	1001190408	1	Cover, Rear Tank	
22	1001191808	1	Bracket, Cover	
23	1001189984J	1	Panel, Frame	
24	1001201504J	1	Panel, Cover	
25	1001216923J	1	Plate, Radiator Cover	
26	2080092	2	Screw, Thumb M6X20	
27	4811902	4	Washer, M8	

FIGURE 1-10. COVER PLATE INSTALLATION (NO TRAILER BRAKES)

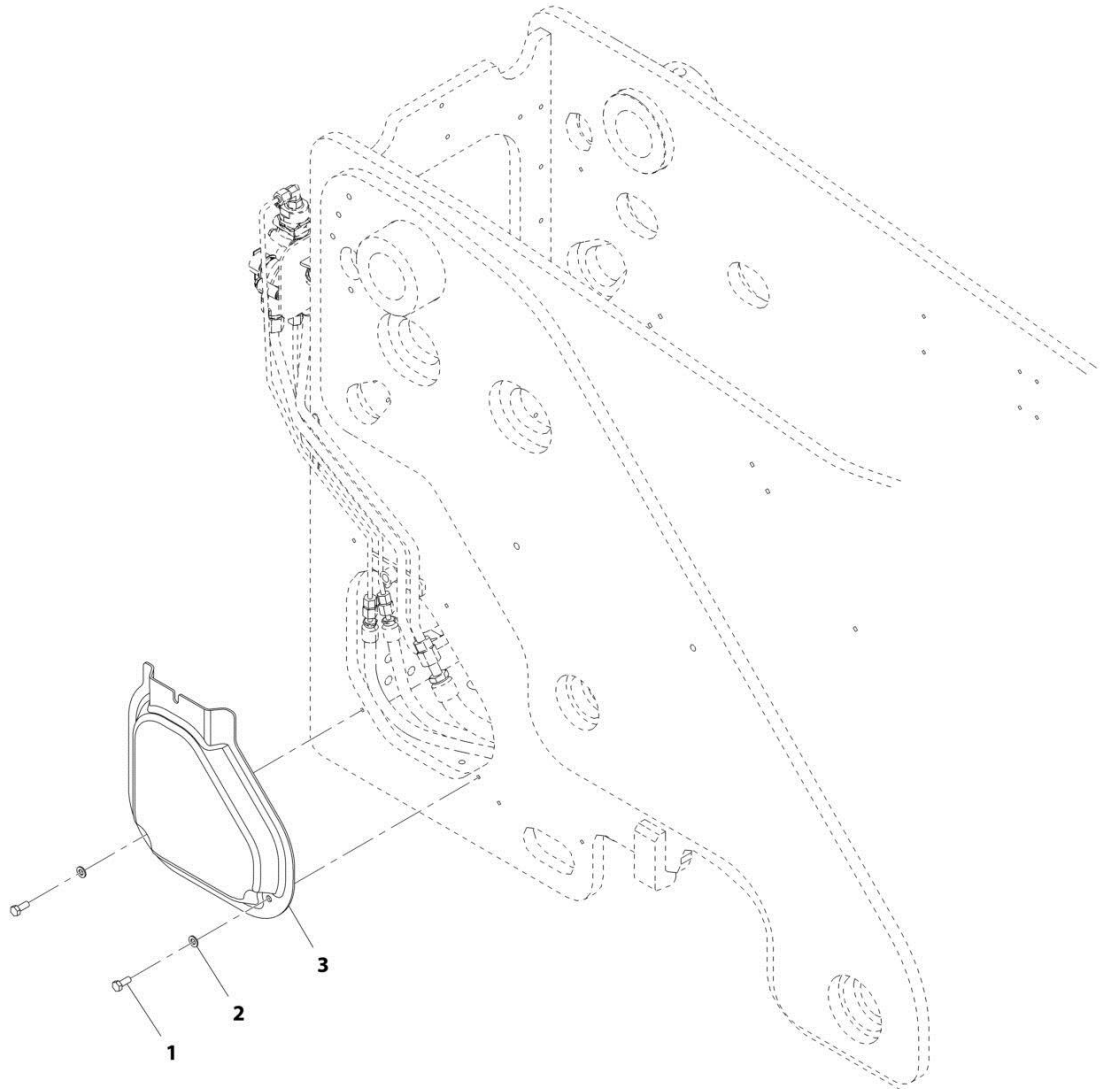


ART_1001203386-A

FIGURE 1-10. COVER PLATE INSTALLATION (NO TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203386	Ref	Cover Plate Installation (No Trailer Brakes)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001180574J	1	Plate, Cover	

FIGURE 1-11. COVER PLATE INSTALLATION (TRAILER BRAKES)



ART_1001203406-A

FIGURE 1-11. COVER PLATE INSTALLATION (TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203406	Ref	Cover Plate Installation (Trailer Brakes)	A
1	0760810	2	Bolt, M8X20	
2	4811900	2	Washer, M8	
3	1001203410	1	Cover, Frame	

FIGURE 1-12. COVER PLATE INSTALLATION (NO REAR AUX)

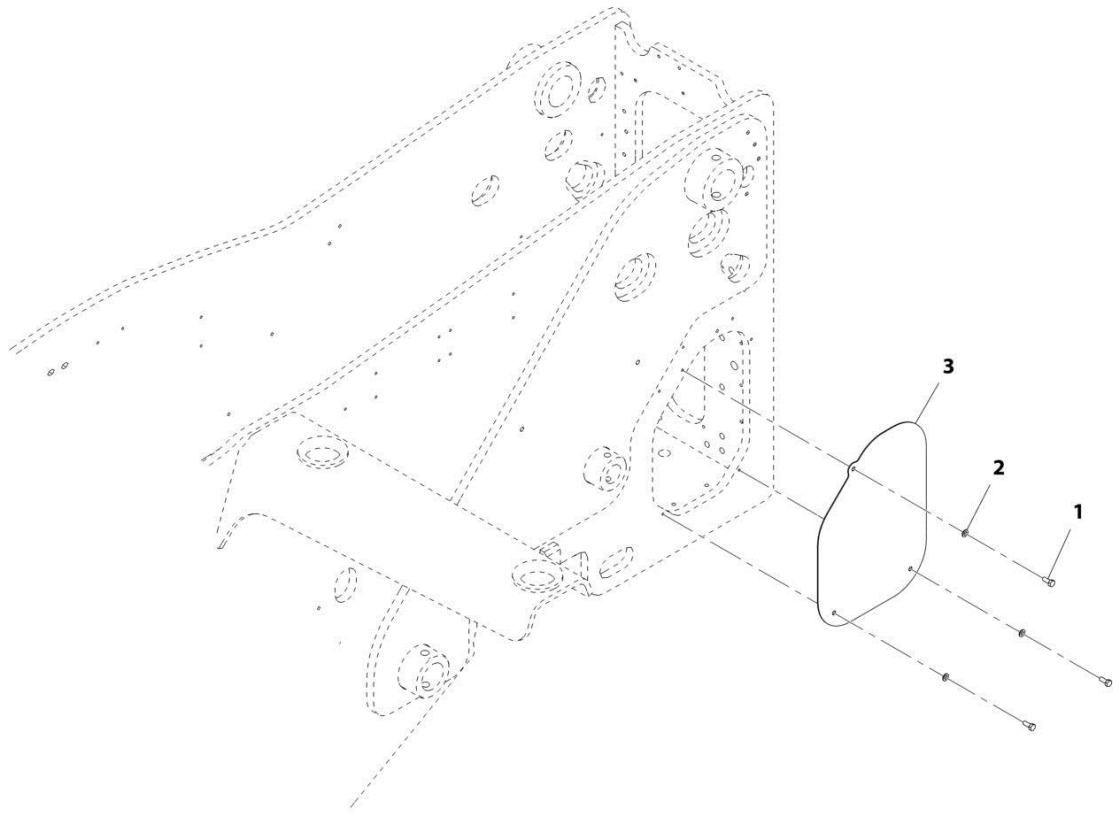


FIGURE 1-12. COVER PLATE INSTALLATION (NO REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203374	Ref	Cover Plate Installation (No Rear Aux)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001183908J	1	Plate, Cover	

FIGURE 1-13. COVER PLATE INSTALLATION (REAR AUX)

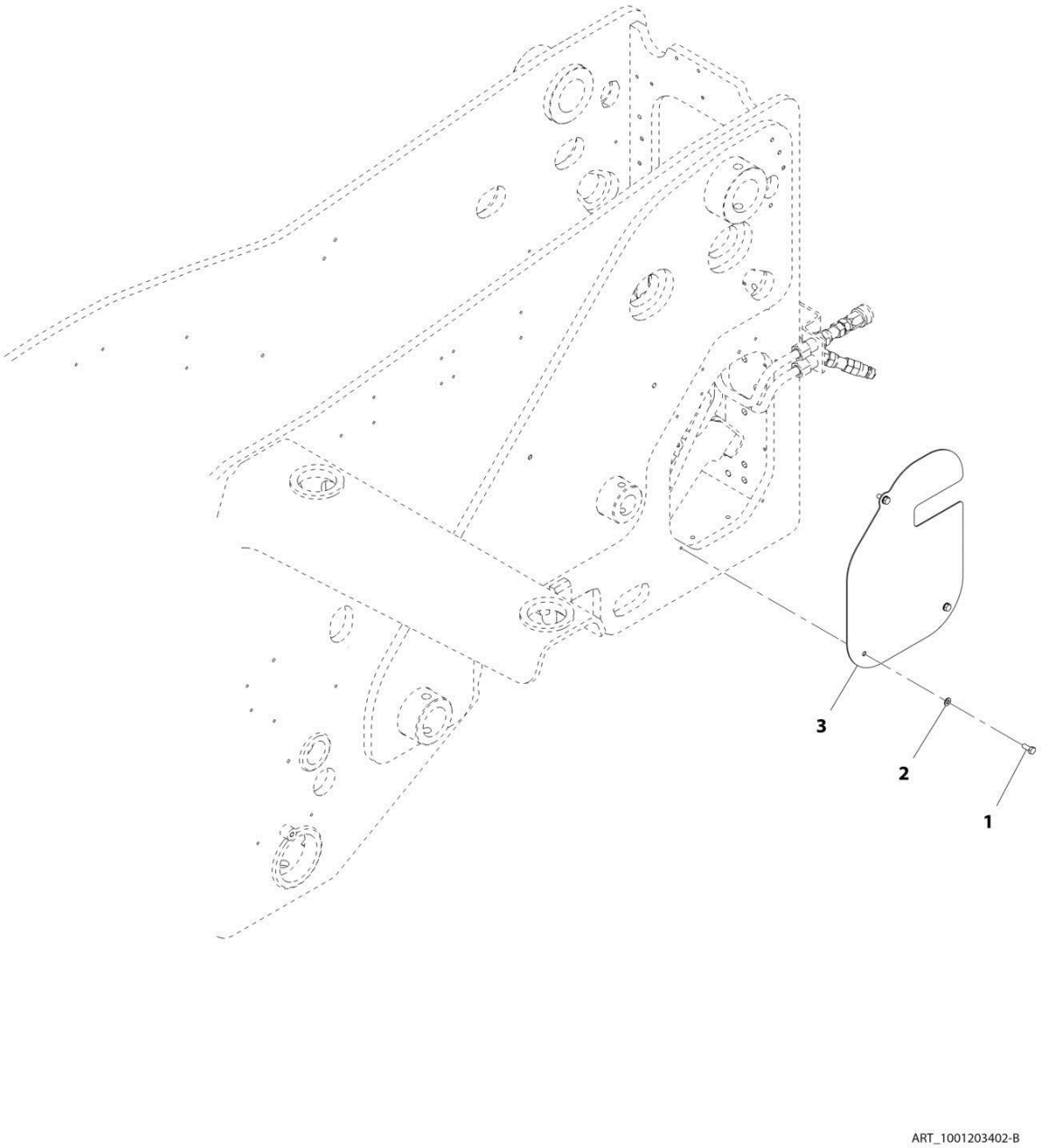
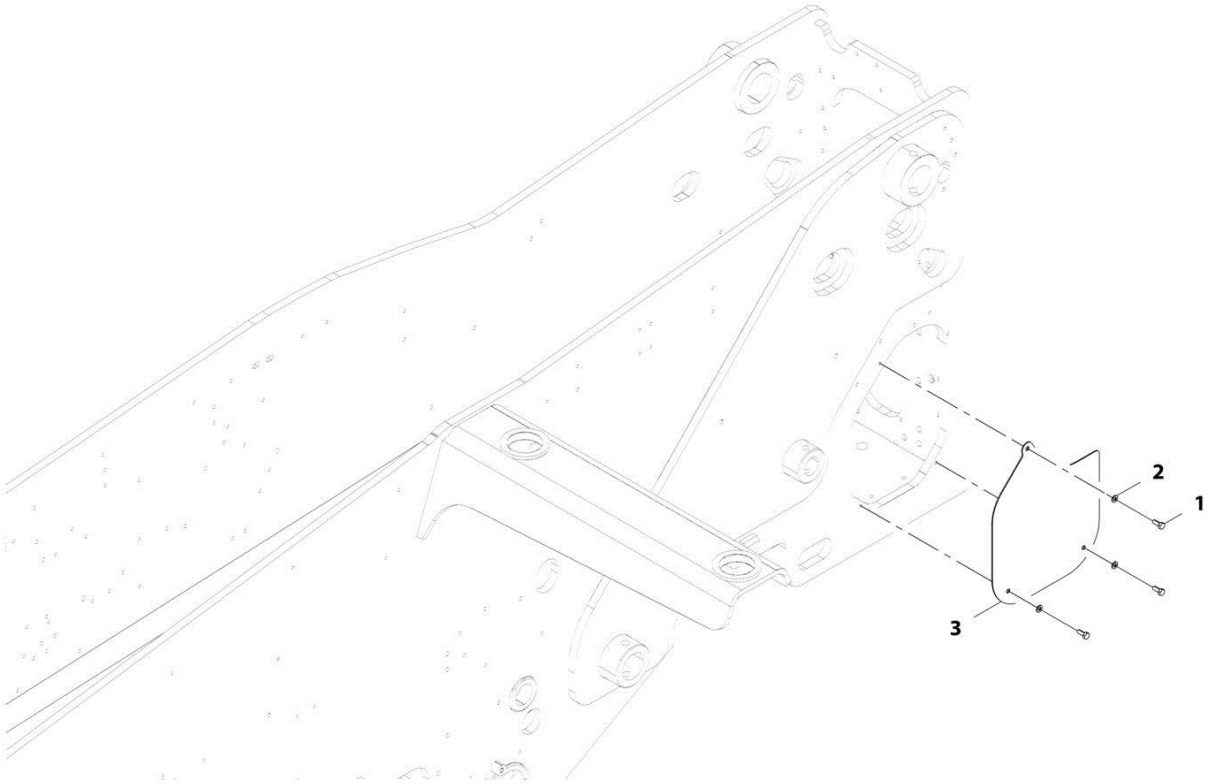


FIGURE 1-13. COVER PLATE INSTALLATION (REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203402	Ref	Cover Plate Installation (Rear Aux)	B
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001203408J	1	Plate, Cover	

FIGURE 1-14. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX)



ART_1001214492-A

FIGURE 1-14. COVER PLATE INSTALLATION (HYDRAULIC HITCH AND REAR AUX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214492	Ref	Cover Plate Installation (Hydraulic Hitch and Rear Aux)	A
1	0760810	3	Bolt, M8X20	
2	4811900	3	Washer, M8	
3	1001214036J	1	Plate	

FIGURE 1-15. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH)

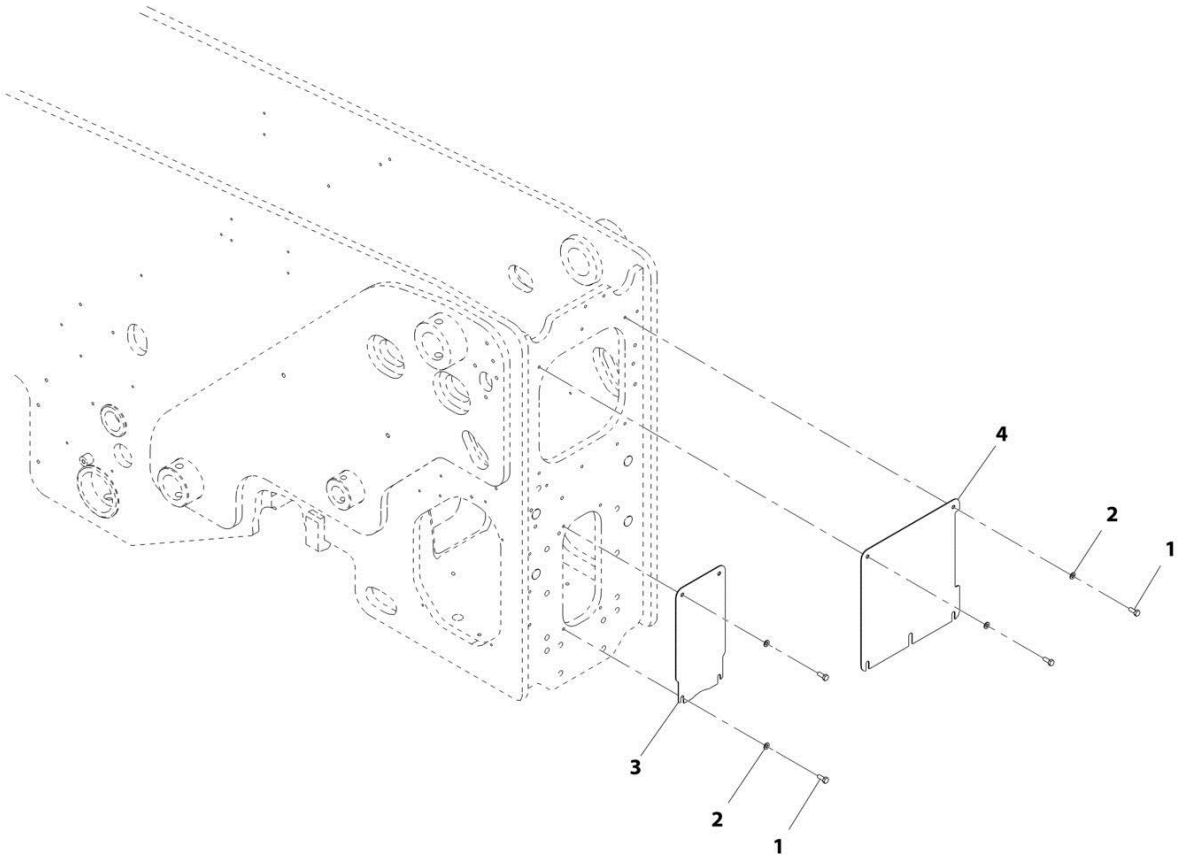
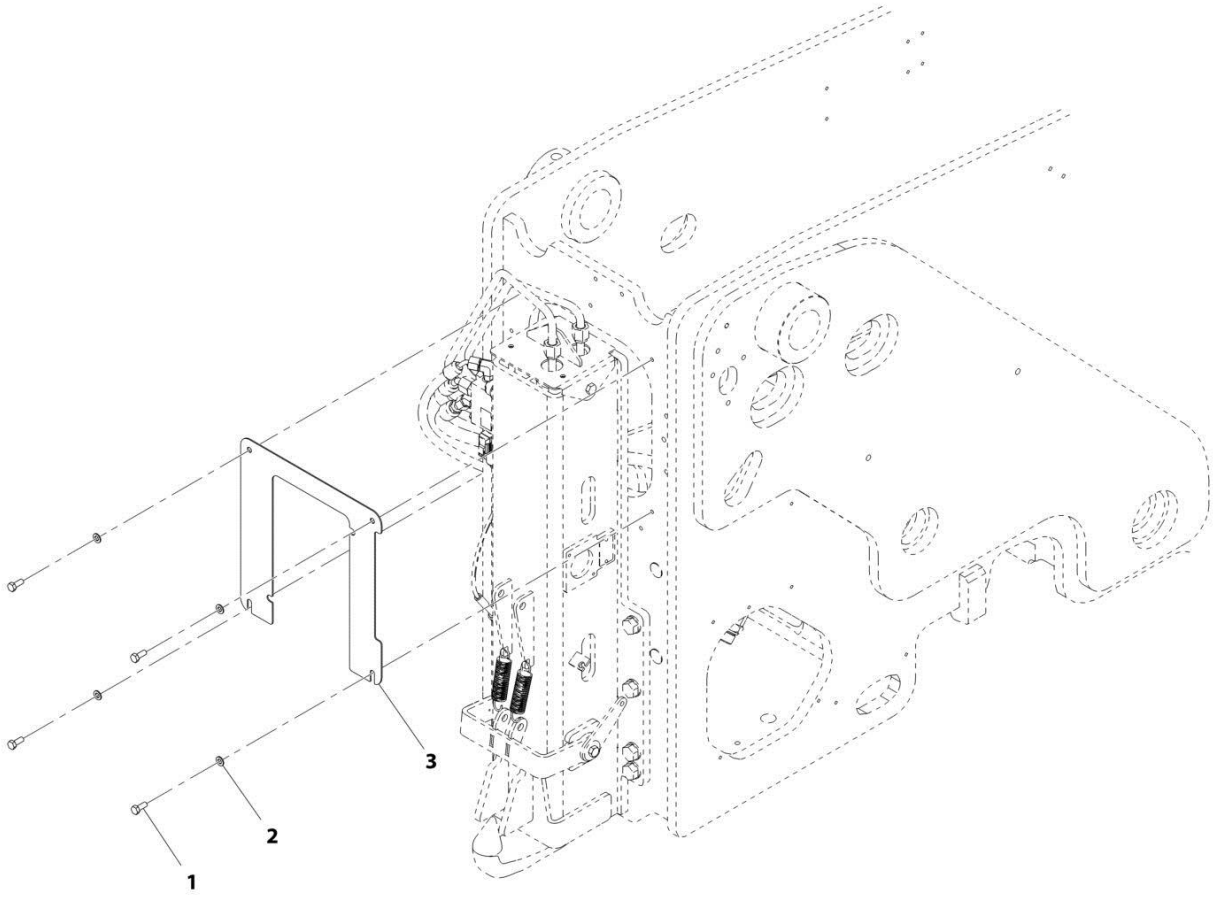


FIGURE 1-15. REAR COVER PLATE INSTALLATION (NO HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203291	Ref	Rear Cover Plate Installation (No Hydraulic Hitch)	B
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001183909J	1	Plate, Cover	
4	1001183910J	1	Plate, Cover	

FIGURE 1-16. REAR COVER PLATE INSTALLATION (HYDRAULIC HITCH)



ART_1001203293-B

FIGURE 1-16. REAR COVER PLATE INSTALLATION (HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203293	Ref	Rear Cover Plate Installation (Hydraulic Hitch)	B
1	0760810	4	Bolt, M8X20	
2	4811900	4	Washer, M8	
3	1001203305J	1	Plate, Cover	

FIGURE 1-17. TANKS INSTALLATION

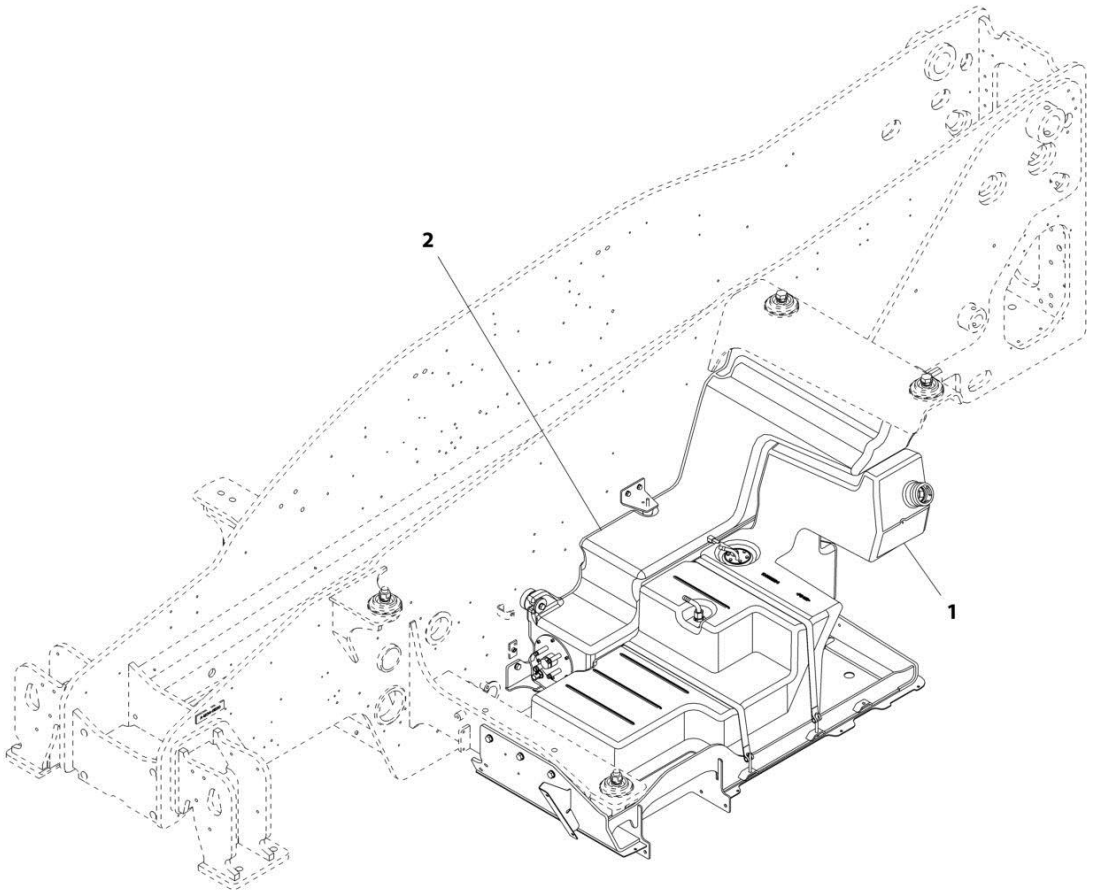
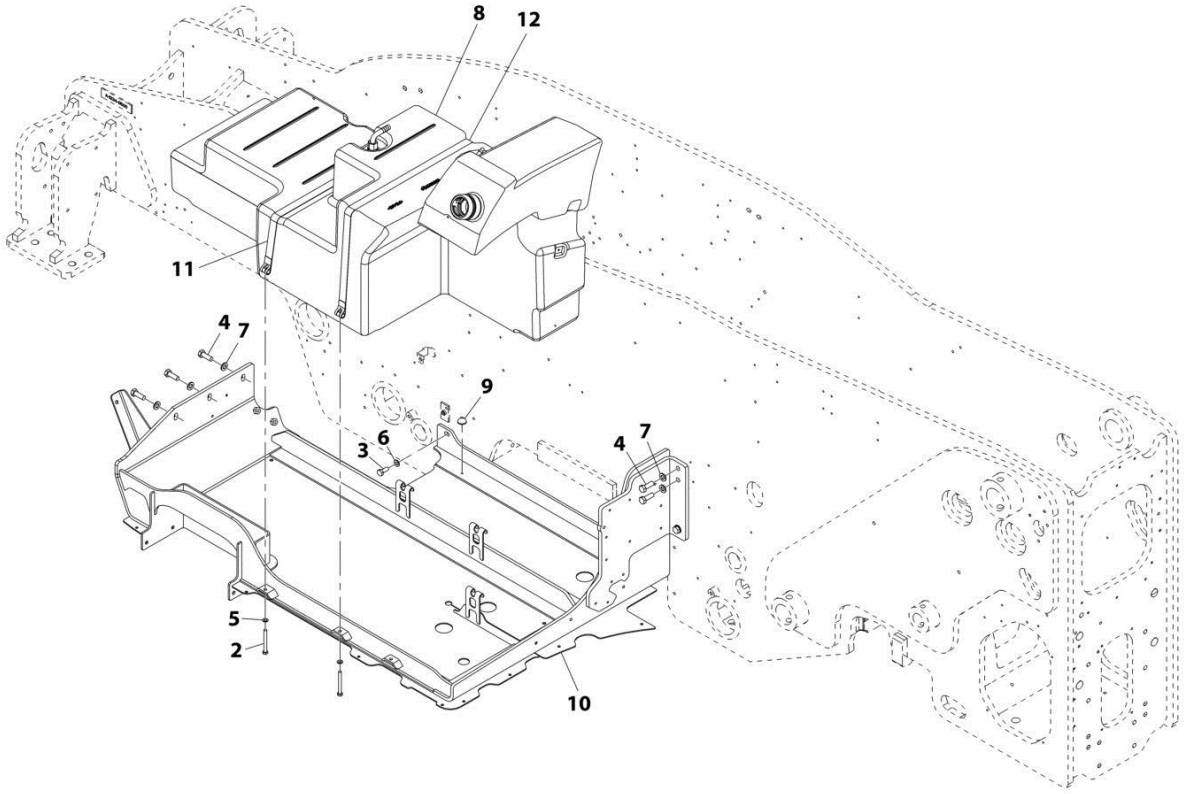


FIGURE 1-17. TANKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176964	Ref	Tanks Installation	B
1	1001176965	Ref	Installation, Fuel Tank (See Separate Breakdown in this Section)	
2	1001176966	Ref	Installation, Hydraulic Tank (See Separate Breakdown in this Section)	

FIGURE 1-18. FUEL TANK INSTALLATION

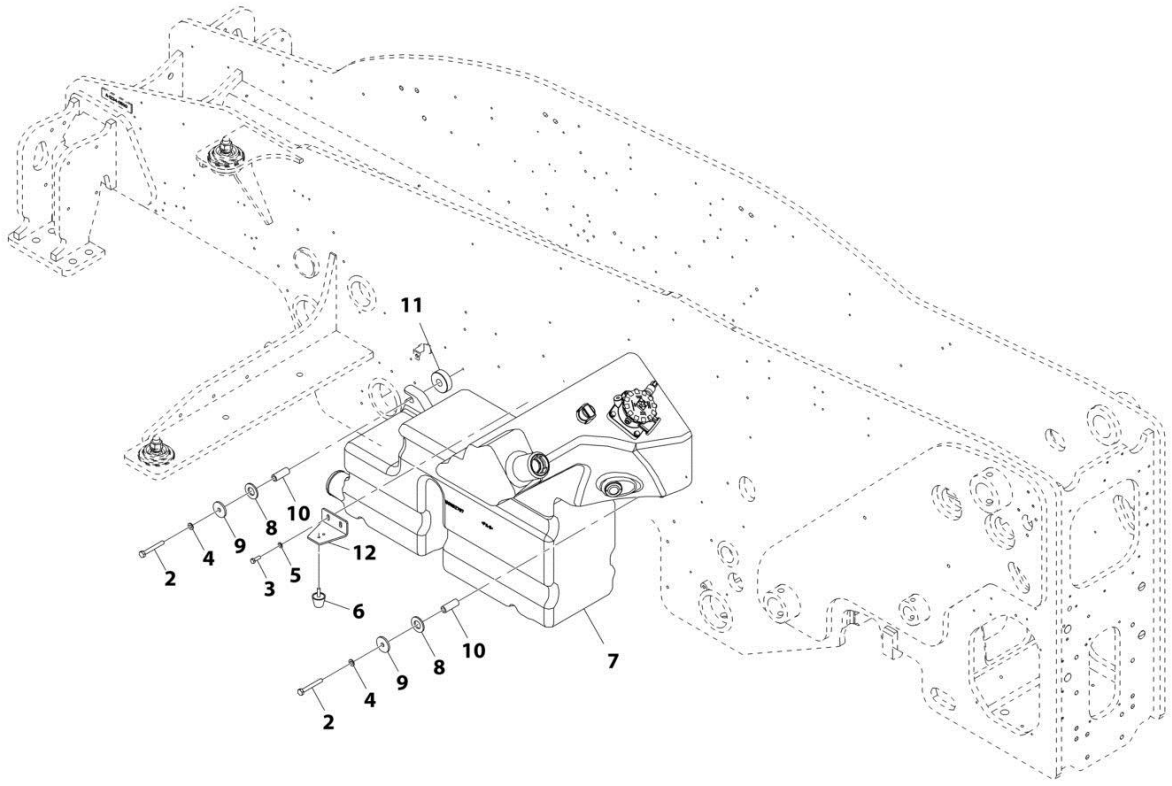


ART_1001176965-D

FIGURE 1-18. FUEL TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176965	Ref	Fuel Tank Installation	D
2	0760823	2	Bolt, M8X75	
3	0761012	1	Bolt, M10X25	
4	0761215	6	Bolt, M12X35	
5	4811900	2	Washer, M8	
6	4812000	1	Washer, M10	
7	4812100	6	Washer, M12	
8	1001192125	1	Assembly, Fuel Tank (See Separate Breakdown in this Section)	
9	1001169454	4	Mount	
10	1001197360	1	Support, Plate	
11	1001178474	1	Strap, Tank	
12	1001178693	1	Strap, Tank	

FIGURE 1-19. HYDRAULIC TANK INSTALLATION



ART_1001176966-C

FIGURE 1-19. HYDRAULIC TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176966	Ref	Hydraulic Tank Installation	C
2	0701024	2	Bolt, M10X80	
3	0760812	2	Bolt, M8X25	
4	4812000	2	Washer, M10	
5	4811900	2	Washer, M8	
6	1001008575	1	Bumper	
7	1001191521	1	Assembly, Hydraulic Tank (See Separate Breakdown in this Section)	
8	1001172146	2	Washer	
9	1001172147	2	Washer, M10	
10	1001177060	2	Sleeve, Spacer	
11	1001177062	2	Washer	
12	1001177082	1	Bracket, Frame	

FIGURE 1-20. FUEL TANK ASSEMBLY

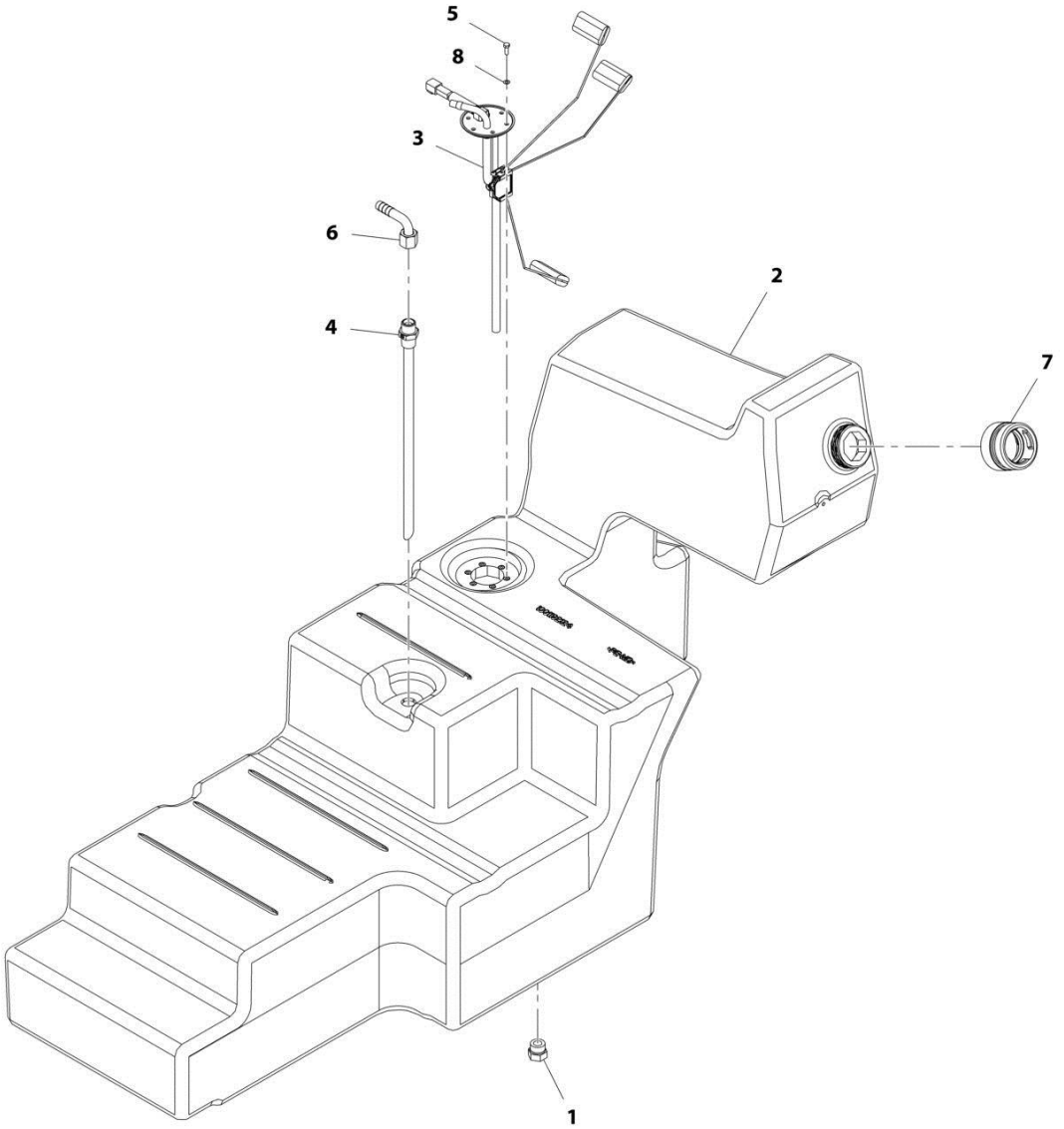


FIGURE 1-20. FUEL TANK ASSEMBLY

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

FIGURE 1-21. HYDRAULIC TANK ASSEMBLY

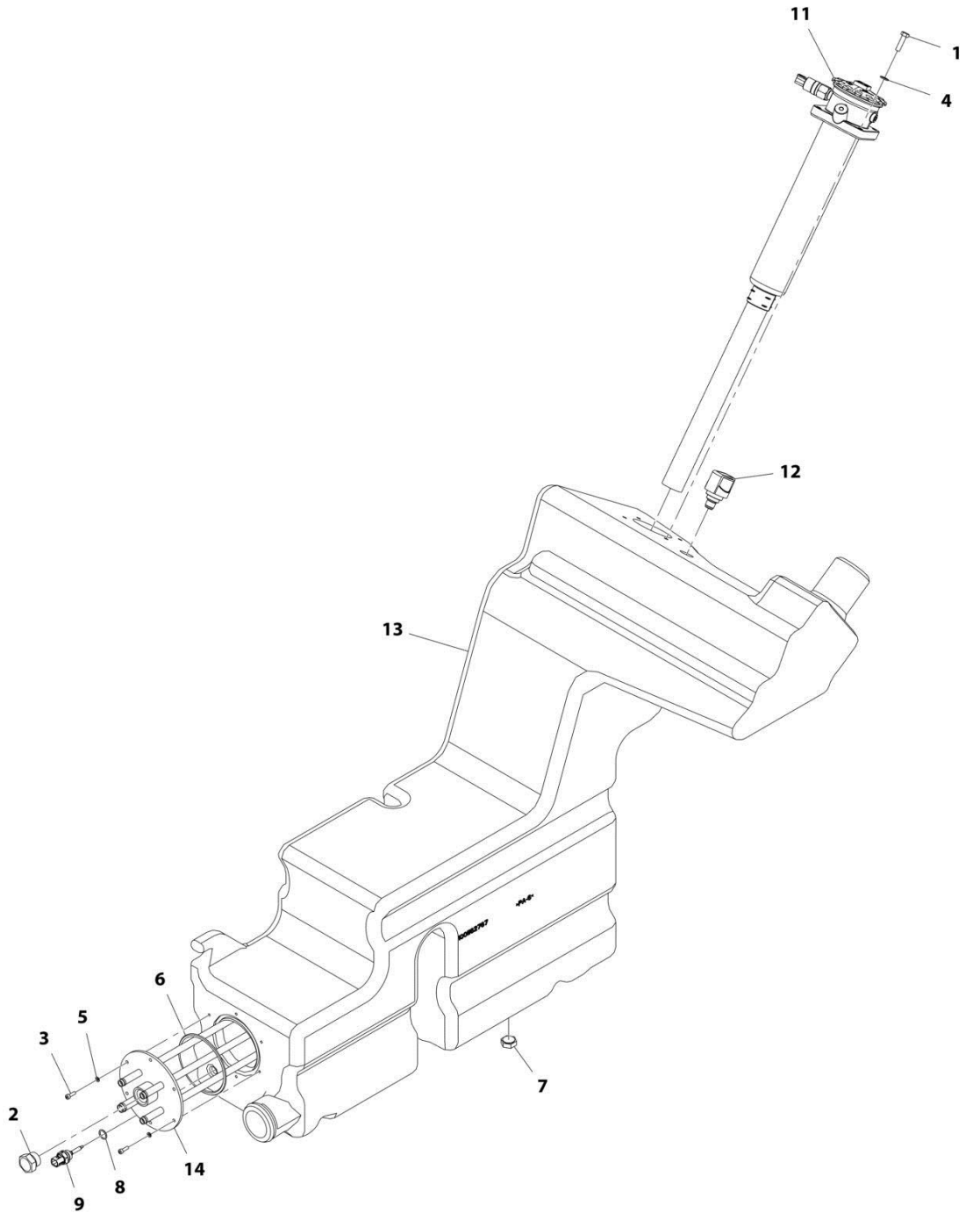


FIGURE 1-21. HYDRAULIC TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191521	Ref	Hydraulic Tank Assembly	D
1	0700814	4	Bolt, M8X30	
2	2220240	1	Plug	
3	4031607	6	Screw, M5-0.8X16	
4	4811900	4	Washer, M8	
5	4831600	6	Washer, Lock M5	
6	1001003301	1	O-Ring	
7	2220239	1	Plug	
8	1001009163	1	O-Ring	
9	1001128478	1	Sensor, Temperature	
11	1001162659	1	Filter, Hydraulic	
12	1001162662	1	Filter, Breather	
13	1001162767	1	Tank, Hydraulic	
14	1001191533	1	Manifold, Hydraulic Return	

FIGURE 1-22. FUEL AND HYDRAULIC CAP INSTALLATION

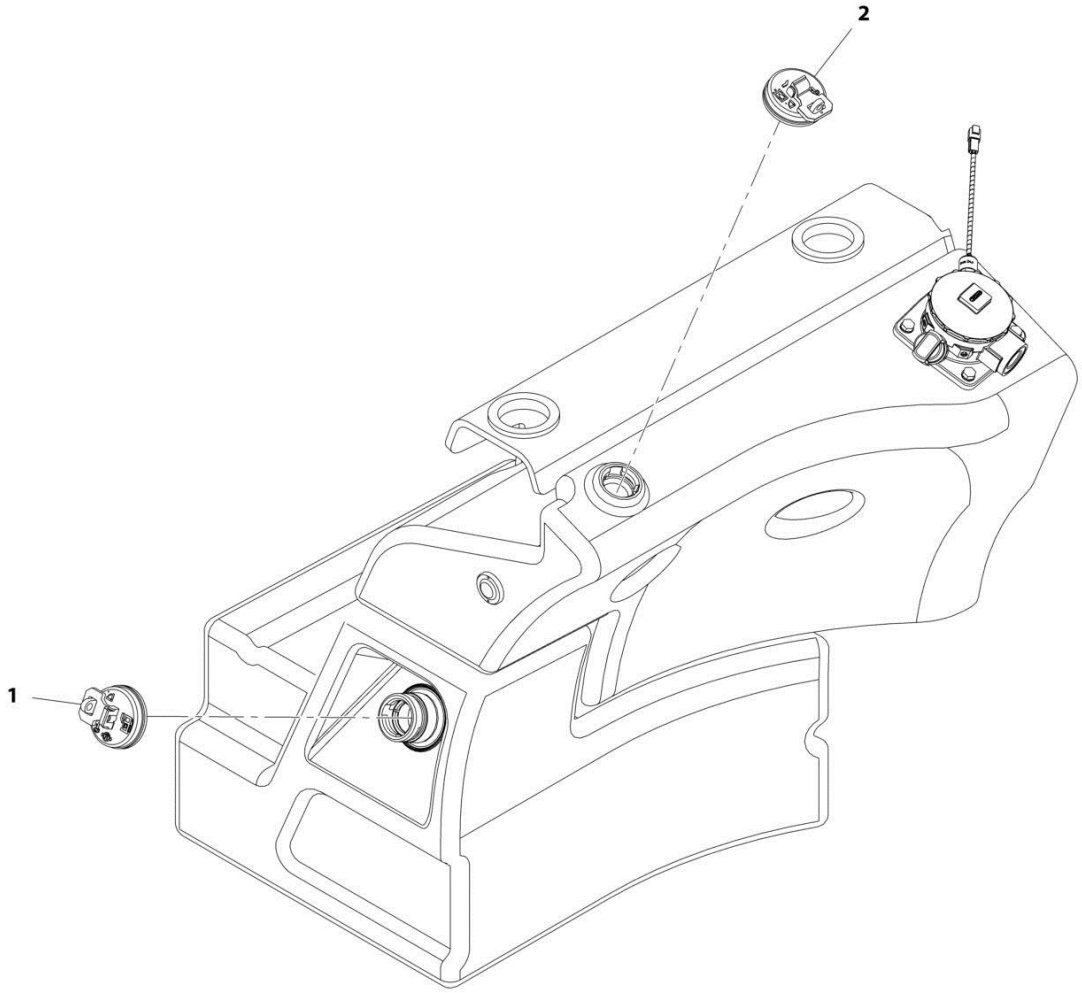


FIGURE 1-22. FUEL AND HYDRAULIC CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197275	Ref	Fuel and Hydraulic Cap Installation	A
1	1001142658	1	Cap, Fuel	
2	1001142659	1	Cap, Hydraulic	

FIGURE 1-23. HITCH RETRIEVAL INSTALLATION

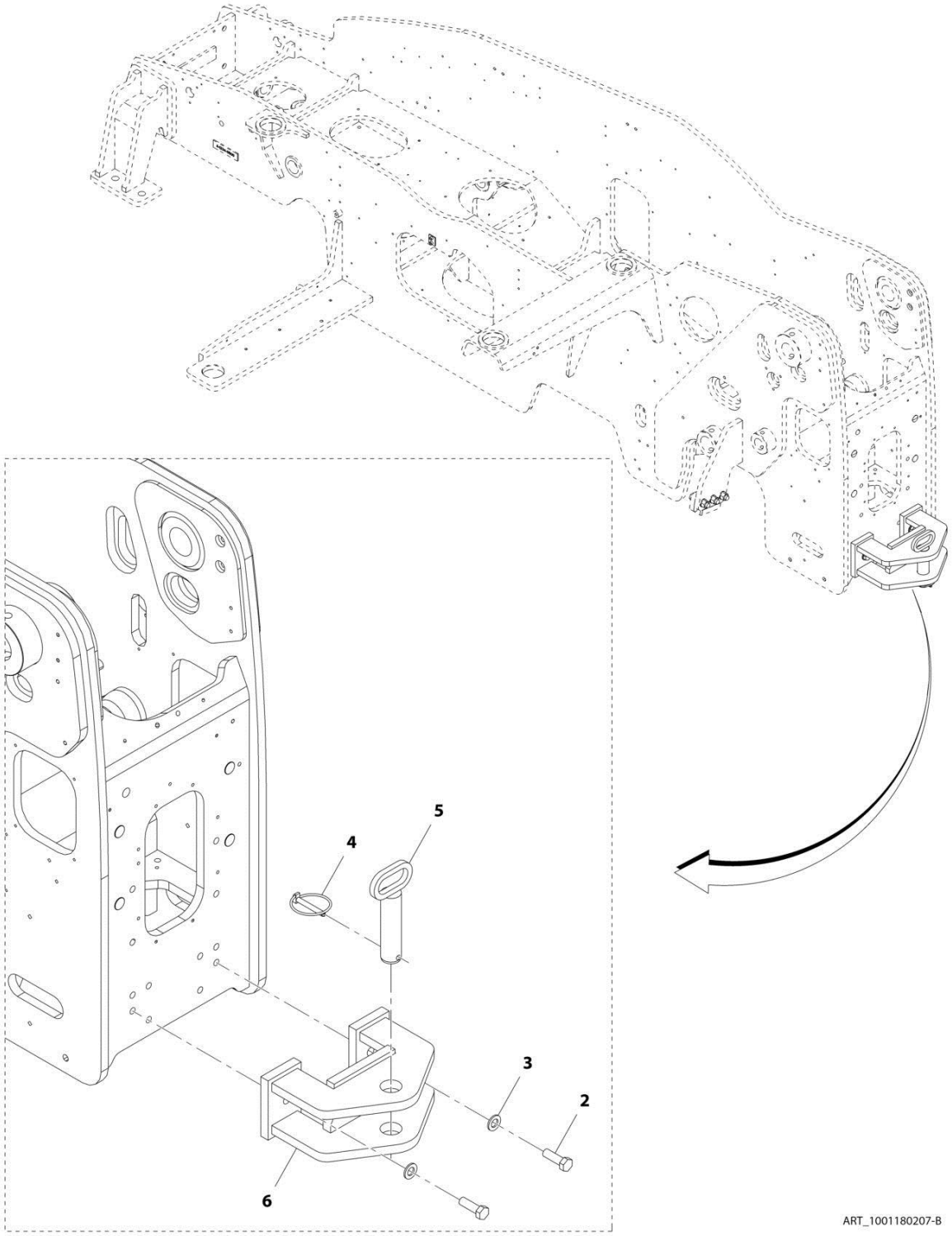


FIGURE 1-23. HITCH RETRIEVAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180207	Ref	Hitch Retrieval Installation	B
2	0771618	2	Bolt, M16X50 Grade 10.9	
3	5241600	2	Washer, M16	
4	1001003803	1	Pin	
5	1001005267	1	Pin	
6	1001106570	1	Hitch, Retrieval	

FIGURE 1-24. HITCH INSTALLATION (EEC AUTO)

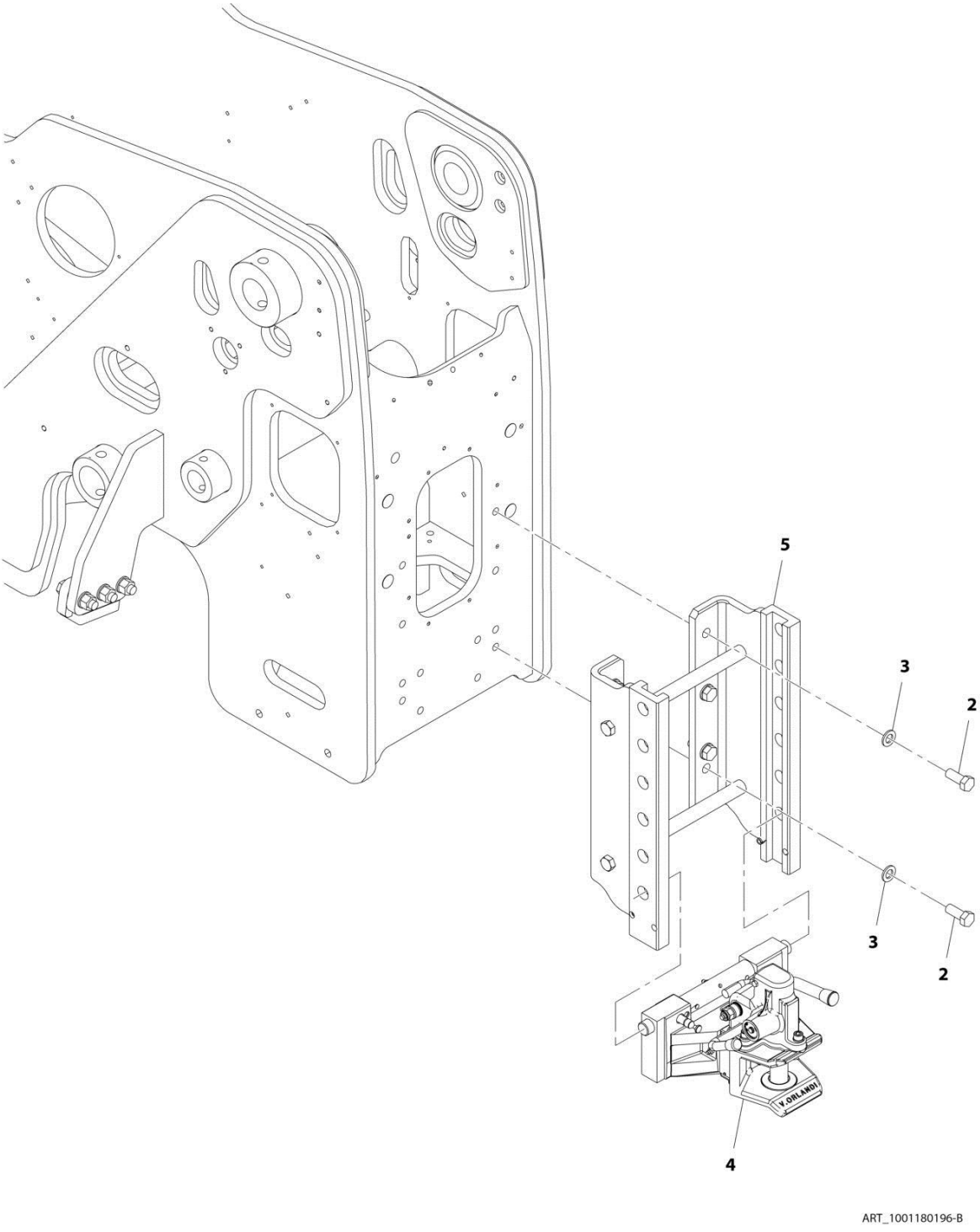


FIGURE 1-24. HITCH INSTALLATION (EEC AUTO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180196	Ref	Hitch Installation (EEC Auto)	B
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	

FIGURE 1-25. HITCH INSTALLATION (PITON)

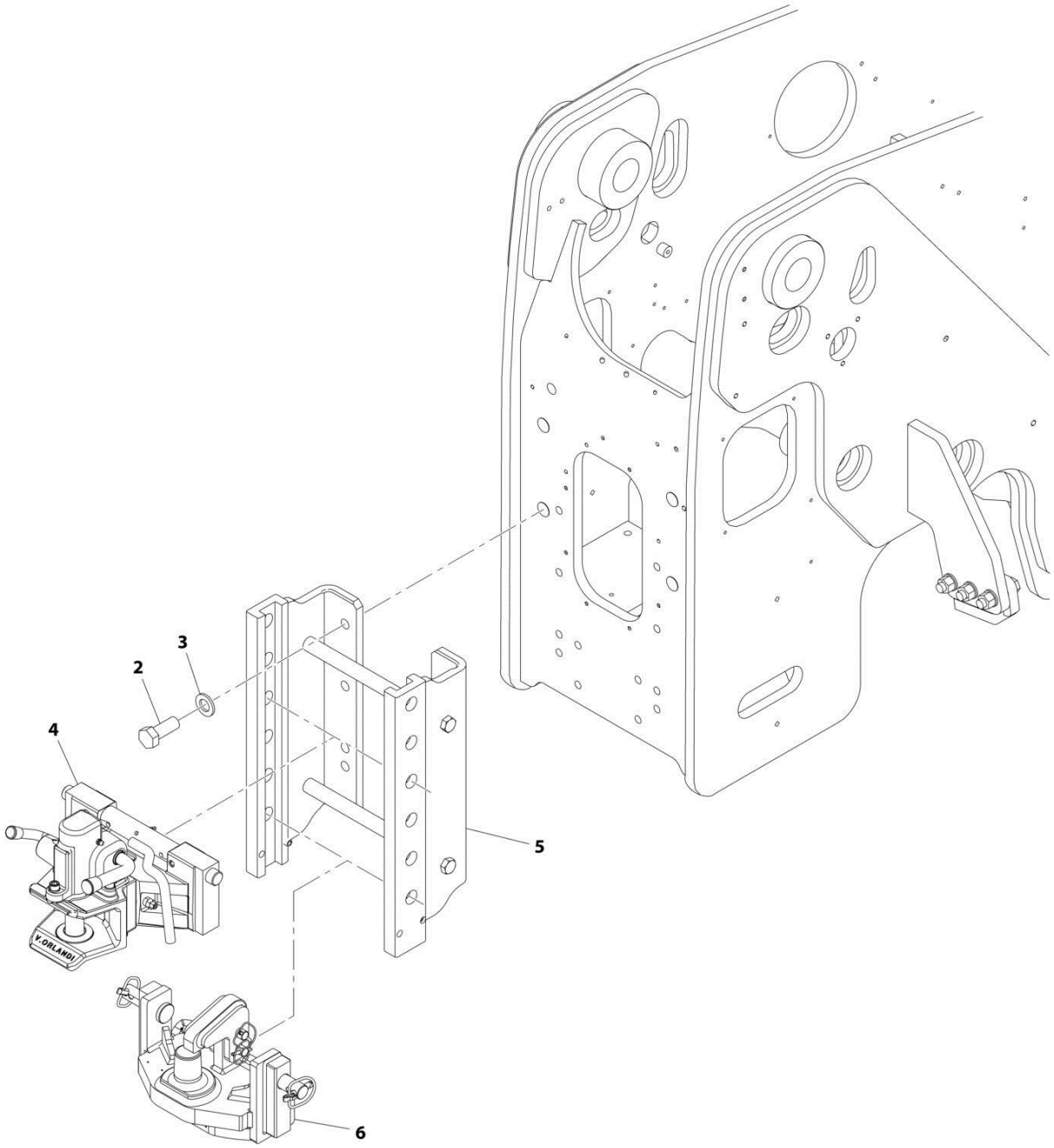


FIGURE 1-25. HITCH INSTALLATION (PITON)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180202	Ref	Hitch Installation (Piton)	B
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)	

FIGURE 1-26. HITCH ASSEMBLY (EEC AUTO)

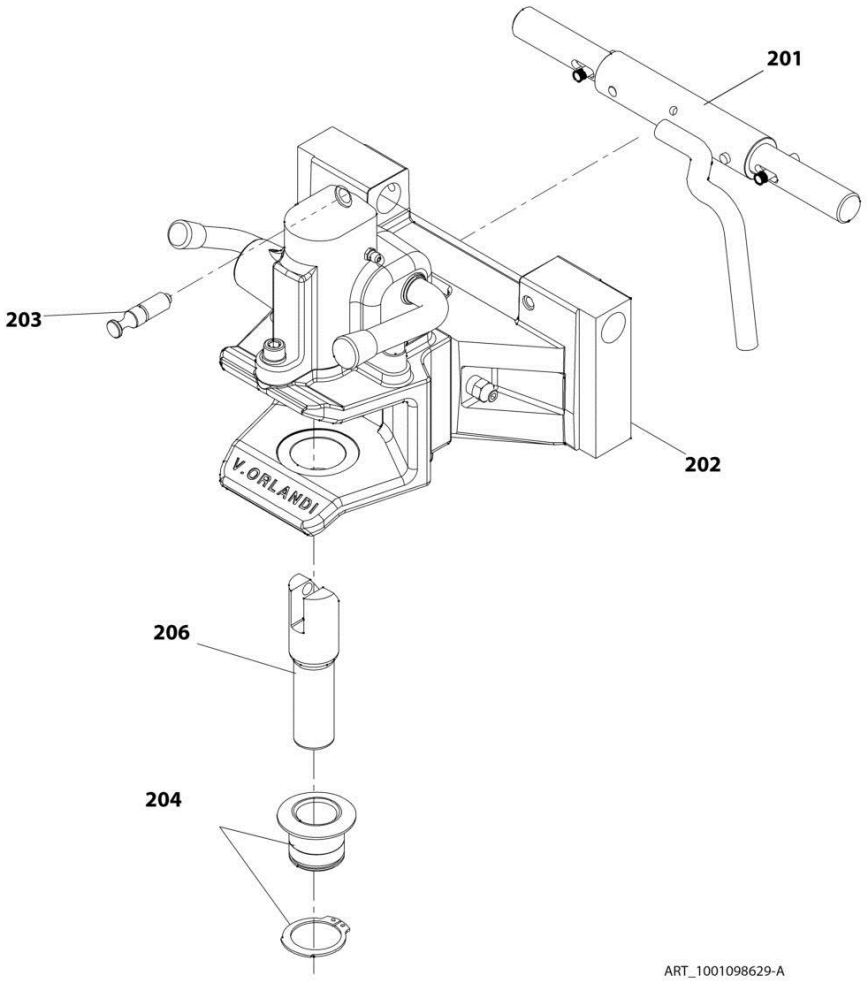


FIGURE 1-26. HITCH ASSEMBLY (EEC AUTO)

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 1-27. SLIDING HITCH ASSEMBLY (PITON)

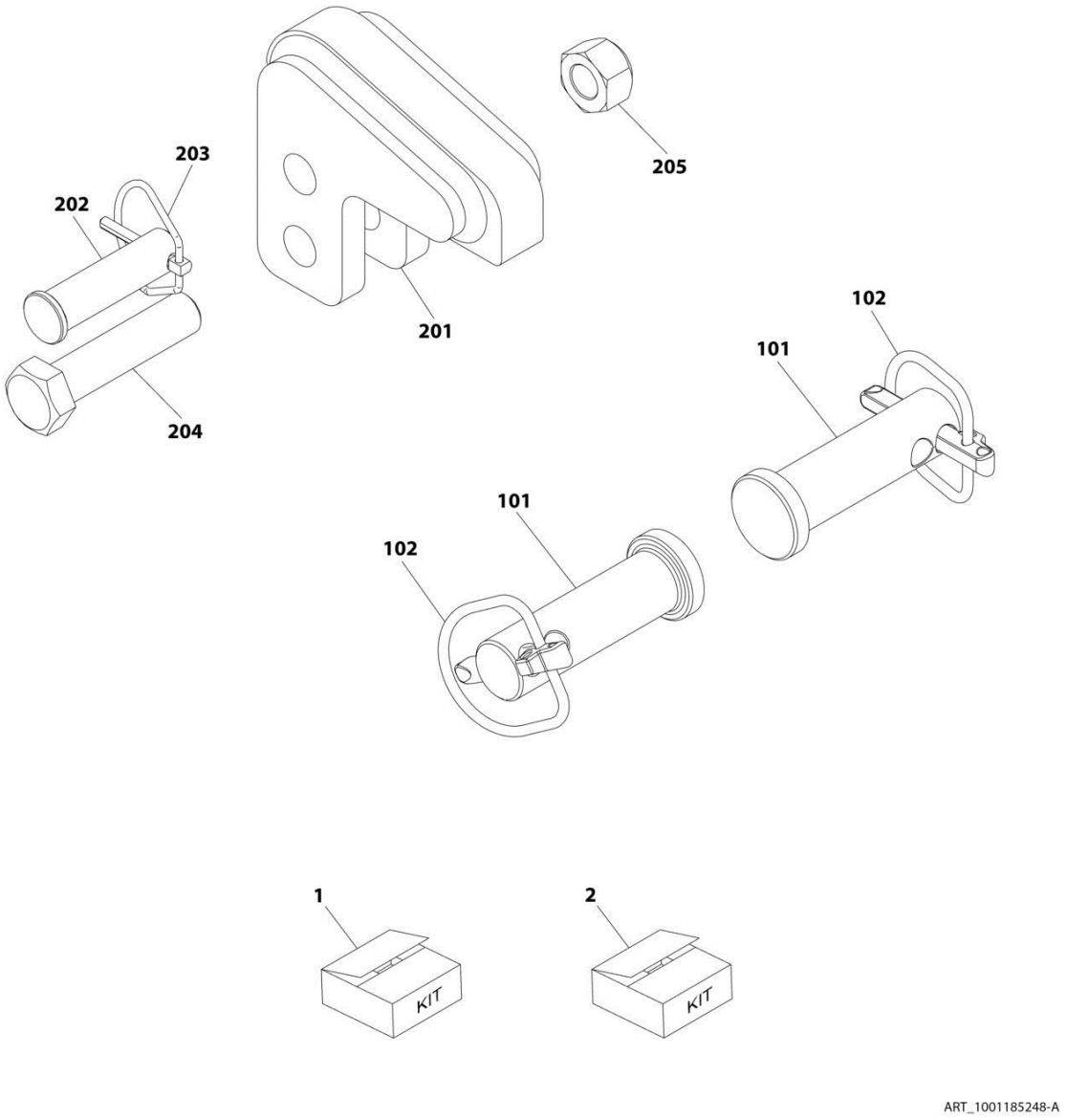


FIGURE 1-27. SLIDING HITCH ASSEMBLY (PITON)

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 1-28. HITCH INSTALLATION (EEC MANUAL)

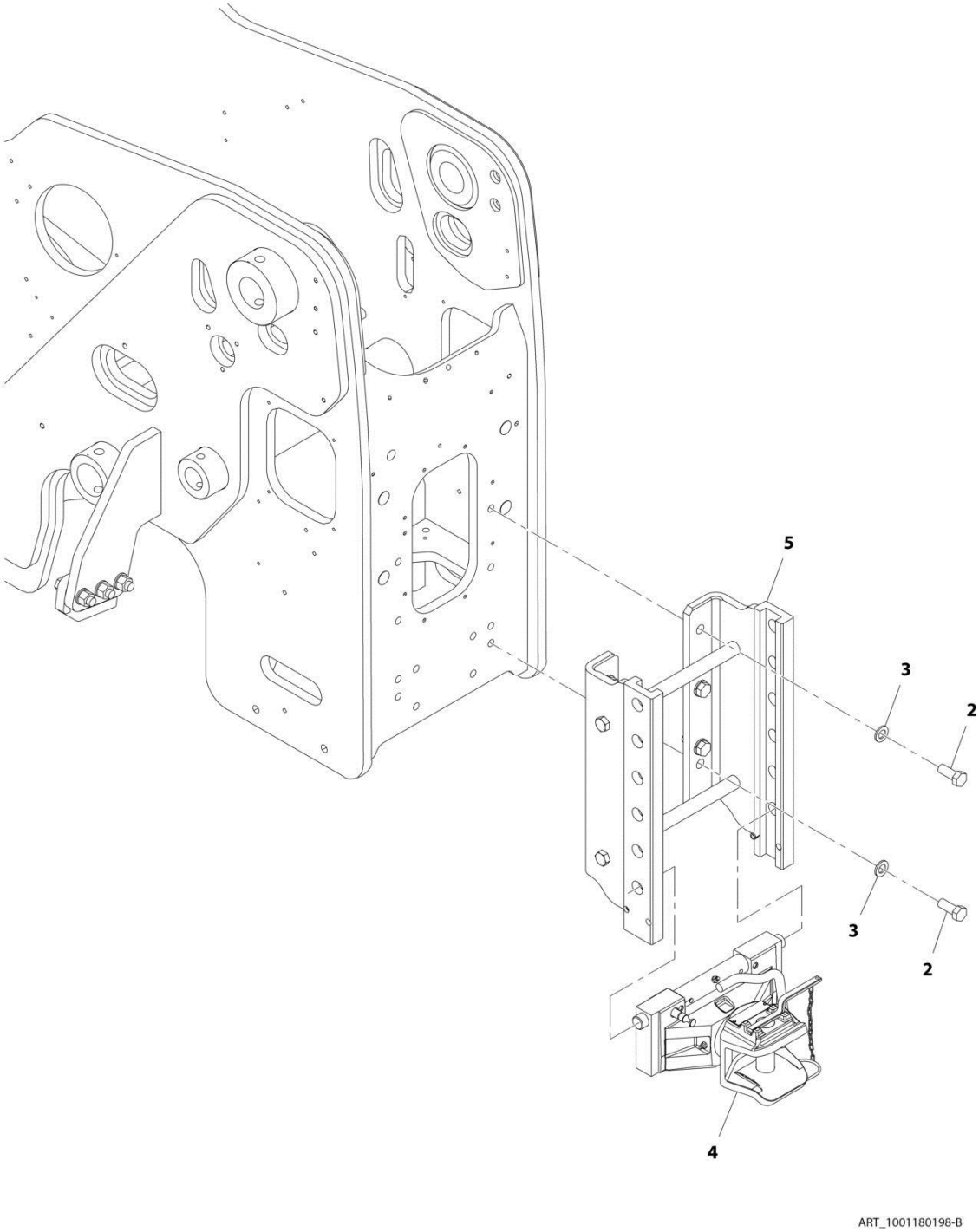


FIGURE 1-28. HITCH INSTALLATION (EEC MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180198	Ref	Hitch Installation (EEC Manual)	B
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	

FIGURE 1-29. HITCH ASSEMBLY (EEC MANUAL)

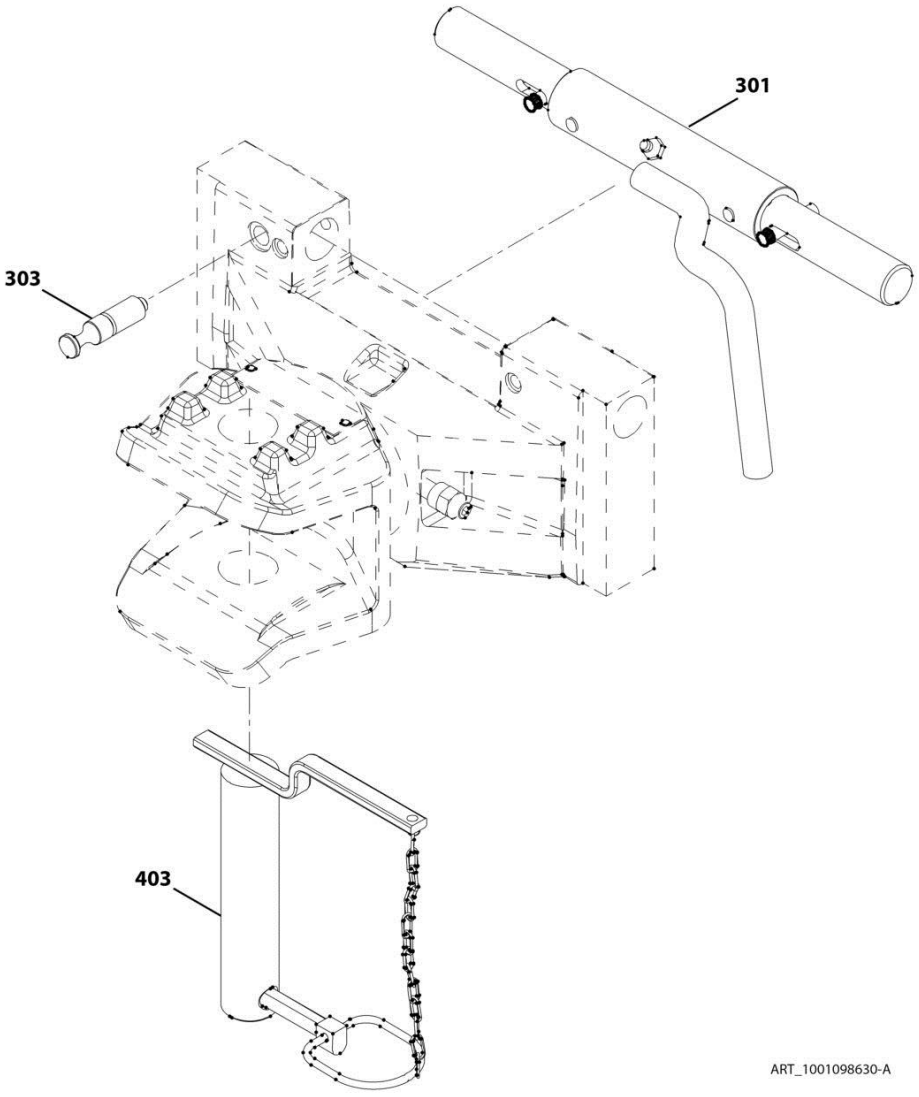


FIGURE 1-29. HITCH ASSEMBLY (EEC MANUAL)

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 1-30. HITCH INSTALLATION (CUNA CATEGORY C)

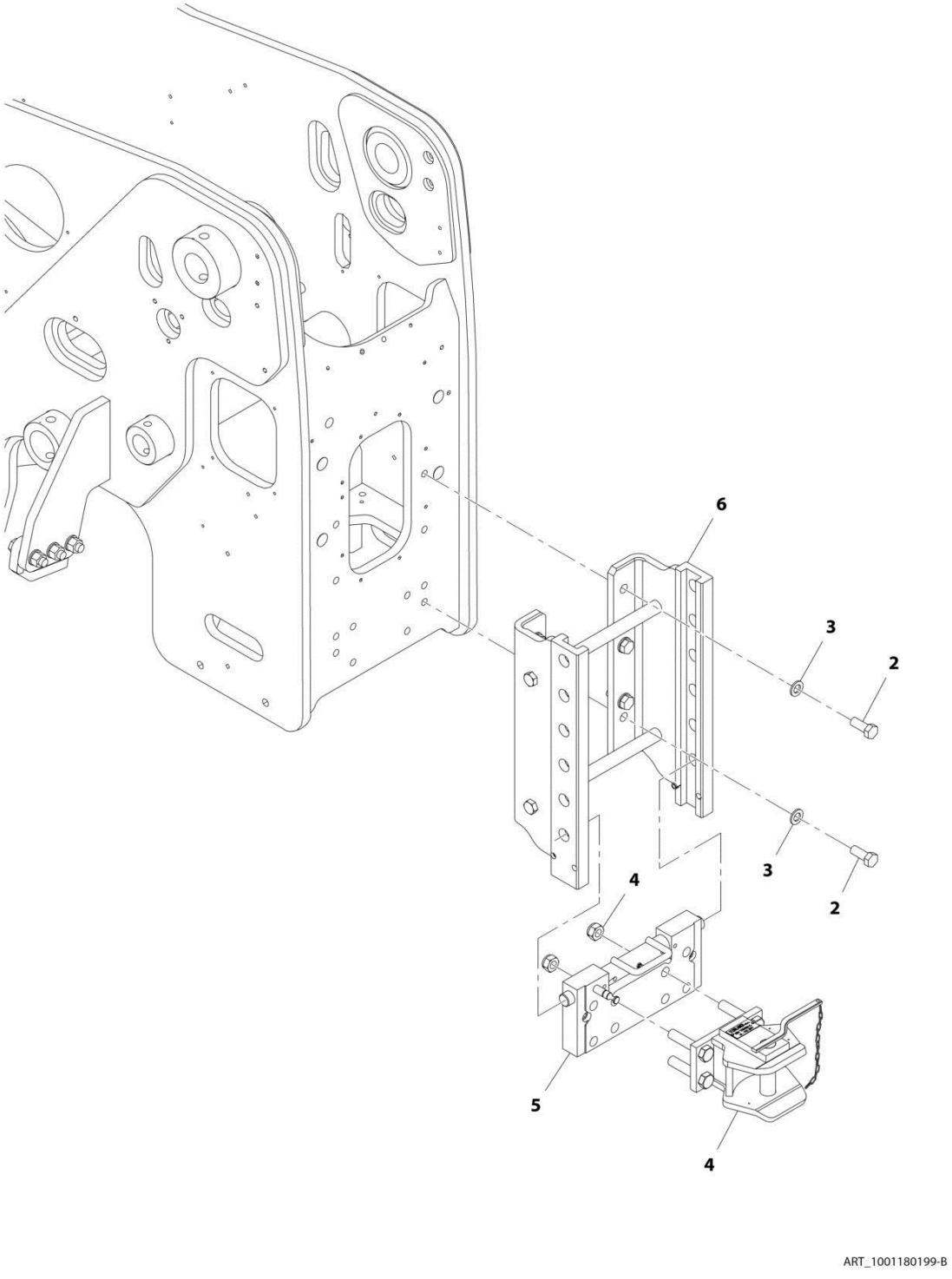


FIGURE 1-30. HITCH INSTALLATION (CUNA CATEGORY C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180199	Ref	Hitch Installation (CUNA Category C)	B
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	

FIGURE 1-31. HITCH ASSEMBLY (CUNA CATEGORY C)

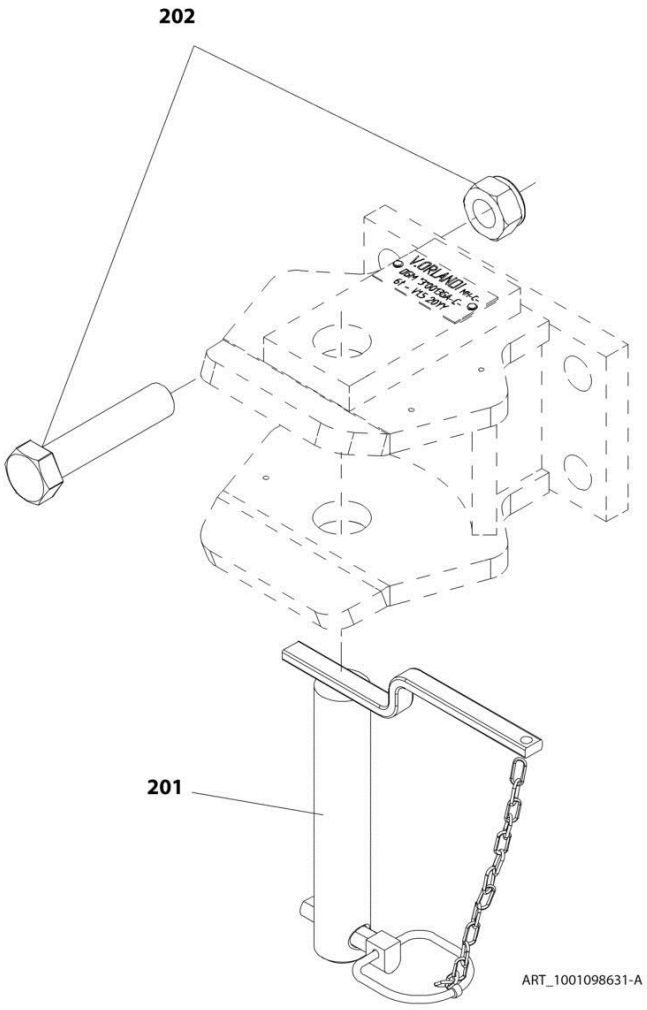


FIGURE 1-31. HITCH ASSEMBLY (CUNA CATEGORY C)

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

FIGURE 1-32. HITCH INSTALLATION (CUNA CATEGORY D2)

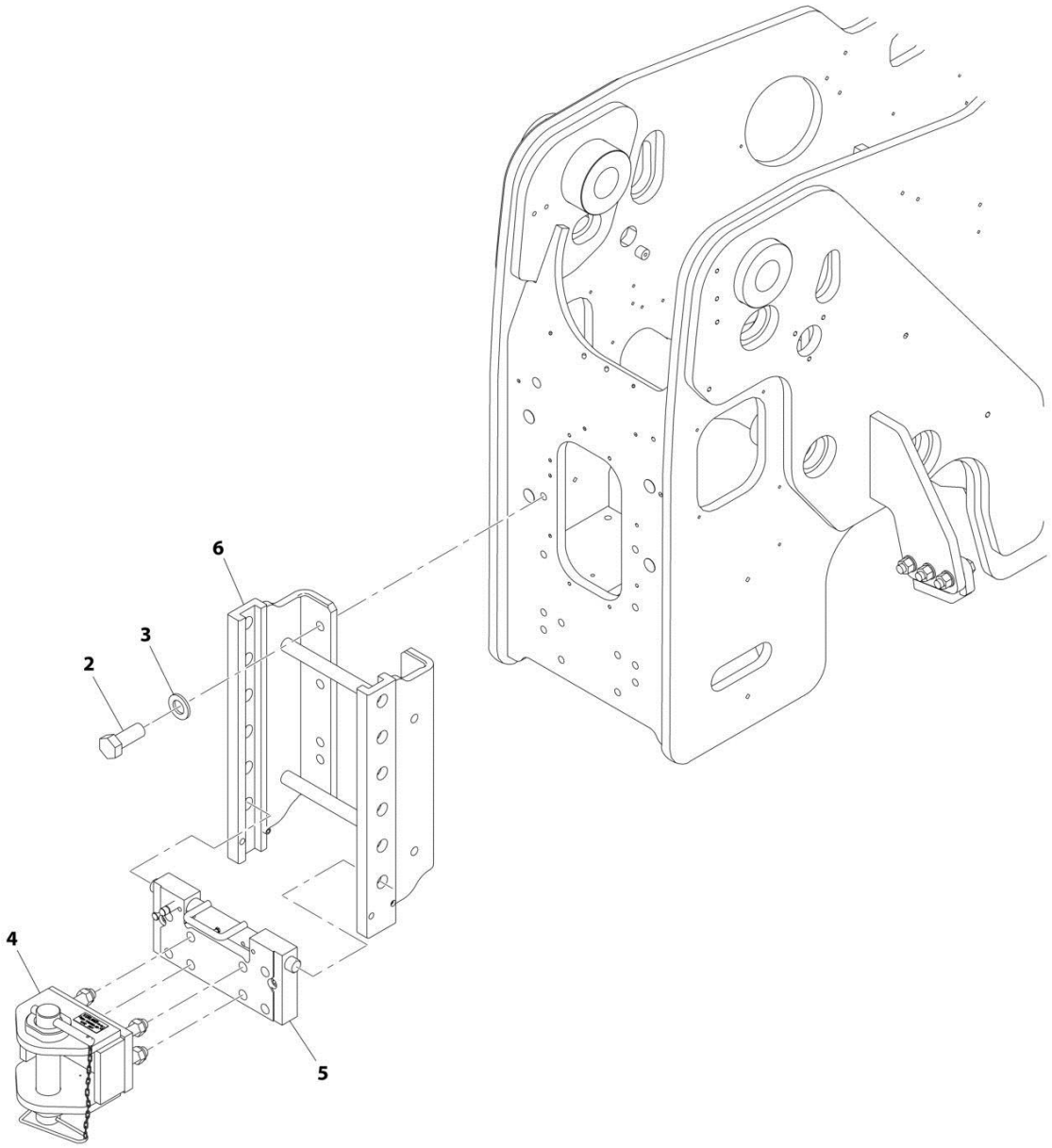


FIGURE 1-32. HITCH INSTALLATION (CUNA CATEGORY D2)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180200	Ref	Hitch Installation (CUNA Category D2)	B
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	

FIGURE 1-33. HITCH ASSEMBLY (CUNA CATEGORY D2)

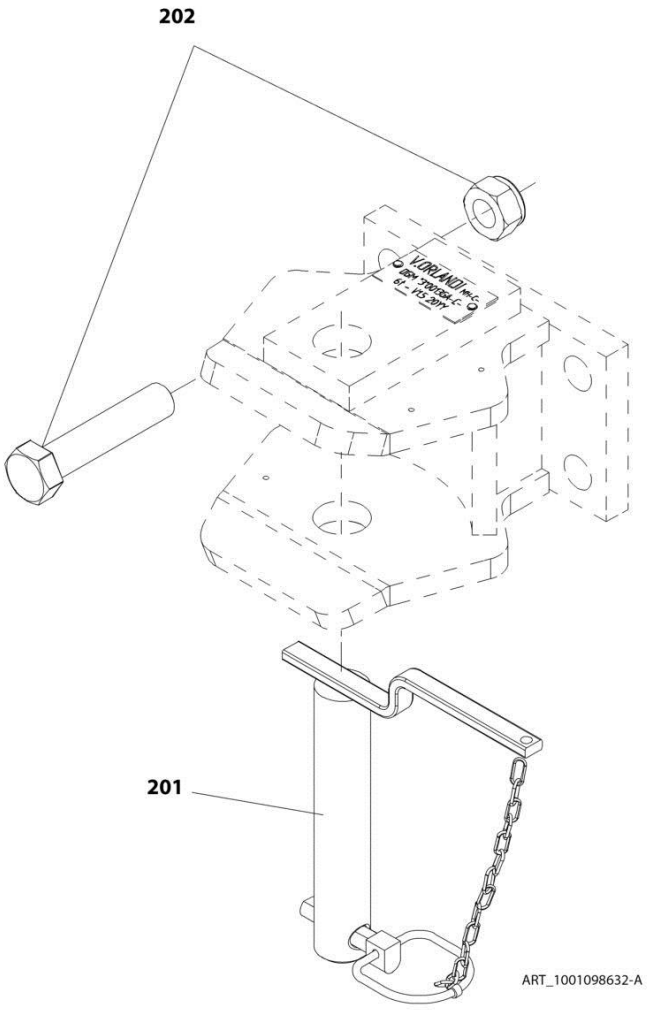


FIGURE 1-33. HITCH ASSEMBLY (CUNA CATEGORY D2)

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

FIGURE 1-34. HITCH INSTALLATION (FIXED)

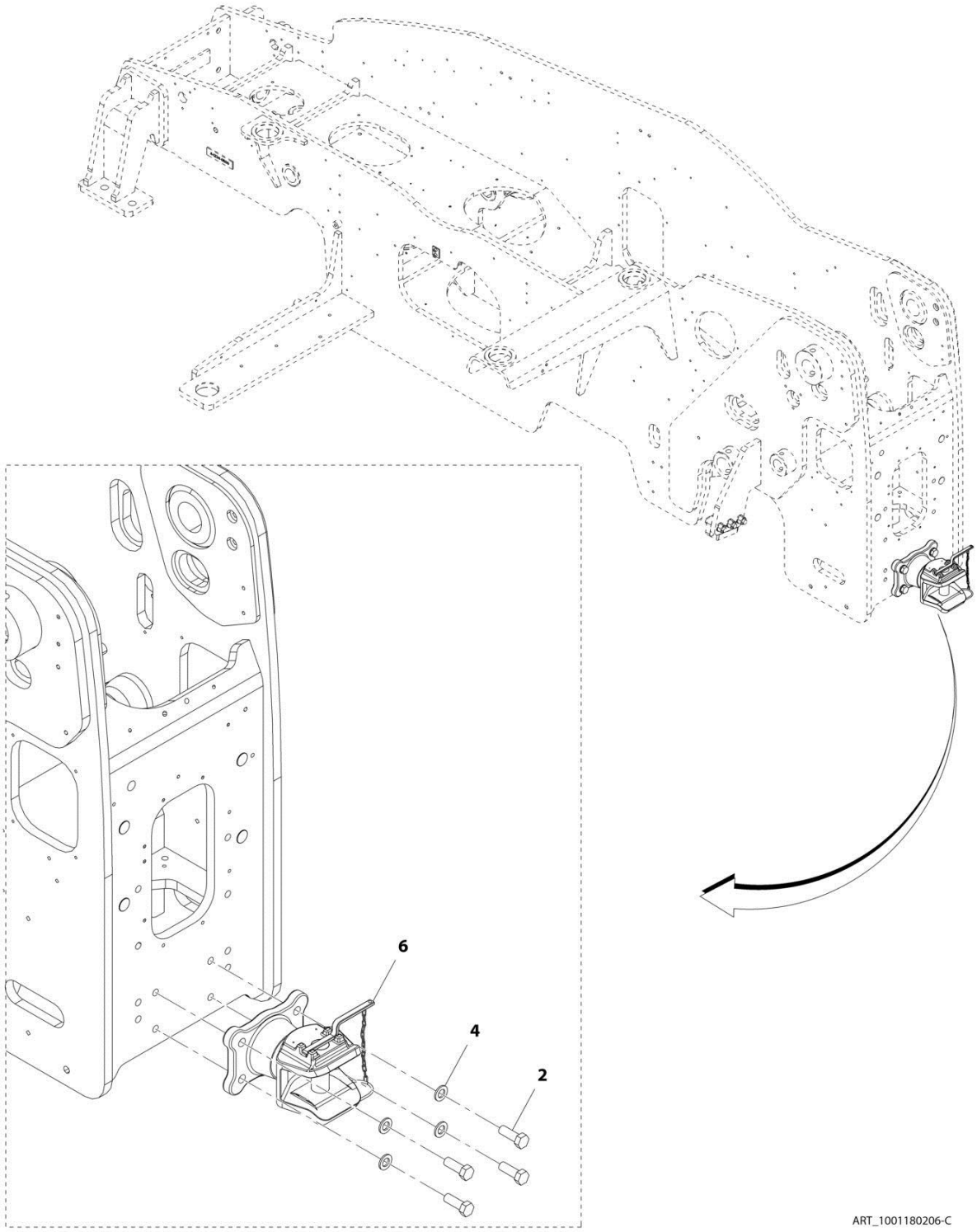


FIGURE 1-34. HITCH INSTALLATION (FIXED)

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

FIGURE 1-35. HITCH ASSEMBLY (FIXED)

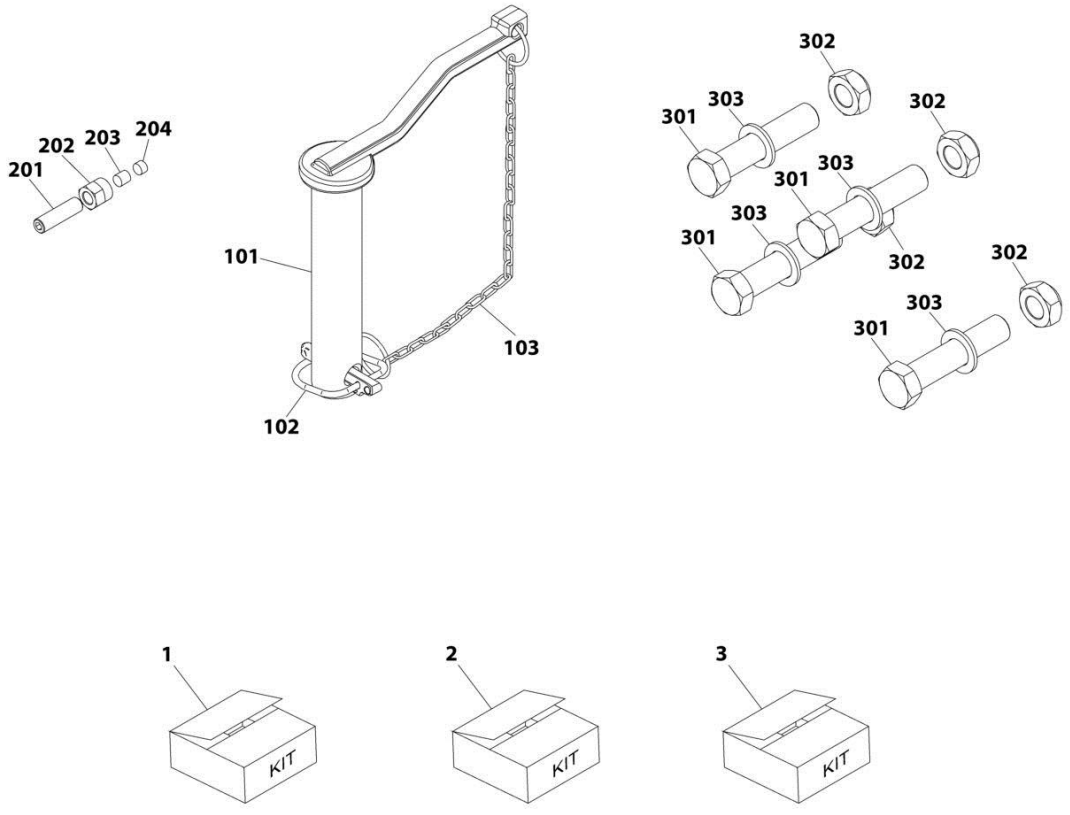


FIGURE 1-35. HITCH ASSEMBLY (FIXED)

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 1-36. HITCH INSTALLATION (HYDRAULIC) (Prior to SN 1160008518)

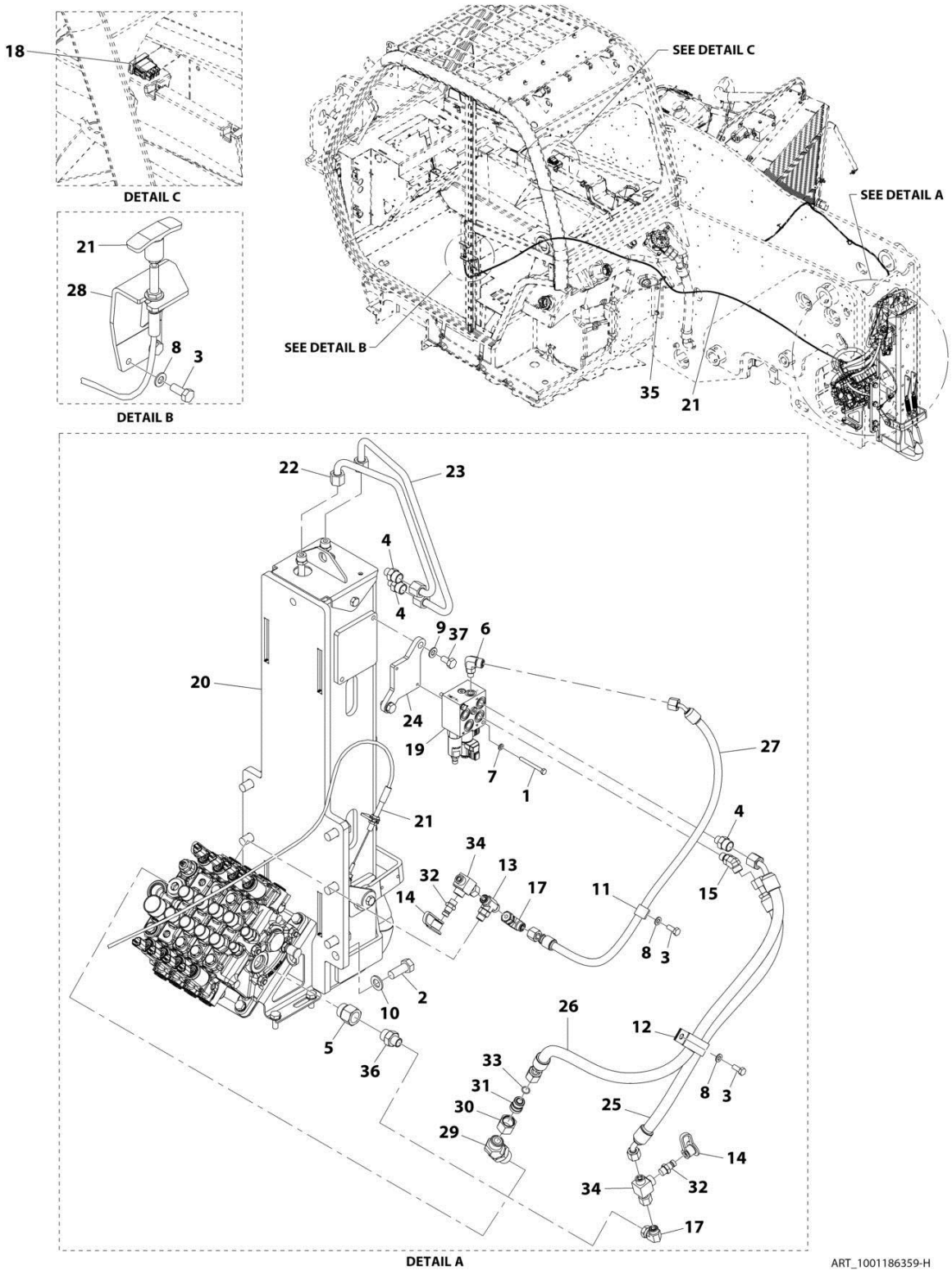


FIGURE 1-36. HITCH INSTALLATION (HYDRAULIC) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186359	Ref	Hitch Installation (Hydraulic)	H
1	0700620	2	Bolt, M6X60	
2	0711616	8	Bolt, M16X40 Grade 10.9	
3	0760810	4	Bolt, M8X20	
4	2110806	3	Fitting, Straight ORFS	
5	8760550	1	Fitting, Tee	
6	2130604	1	Fitting, 90 ORFS	
7	4811700	2	Washer, M6	
8	4811900	4	Washer, M8	
9	4812000	2	Washer, M10	
10	4812300	8	Washer, M16	
11	1001009207	1	Clip	
12	1001008720	1	Clip	
13	2170406	1	Fitting, Tee ORFS	
14	1001008761	2	Dust Cap	
15	2150606	1	Fitting, 45 ORFS	
17	2172106	2	Fitting, 90 ORFS	
18	1001198836	1	Switch, Hitch	
19	1001173770	Ref	Valve, Hydraulic Hitch Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
20	1001182763	1	Hitch, Hydraulic	
21	1001186392	1	Cable, Hitch Release	
22	1001204374	1	Pipe	
23	1001204375	1	Pipe	
24	1001188413	1	Plate	
25	1001204518	1	Hose, ORFS	
26	1001206557	1	Hose, ORFS	
27	1001206558	1	Hose, ORFS	
28	1001188722	1	Bracket, Hitch	
29	2151012	1	Fitting, 45 ORFS	
30	8770143	1	Nut. ORFS	
31	1001032853	1	Reducer, ORFS	
32	1001003590	2	Fitting, Straight	
33	1001008805	1	Seal	
34	1001033119	2	Adapter, ORFS	
35	1001146588	1	Tie Strap	
36	2110610	1	Fitting, Straight	
37	0761010	2	Bolt, M10X20	

FIGURE 1-37. HITCH INSTALLATION (HYDRAULIC) (SN 1160008518 to Present)

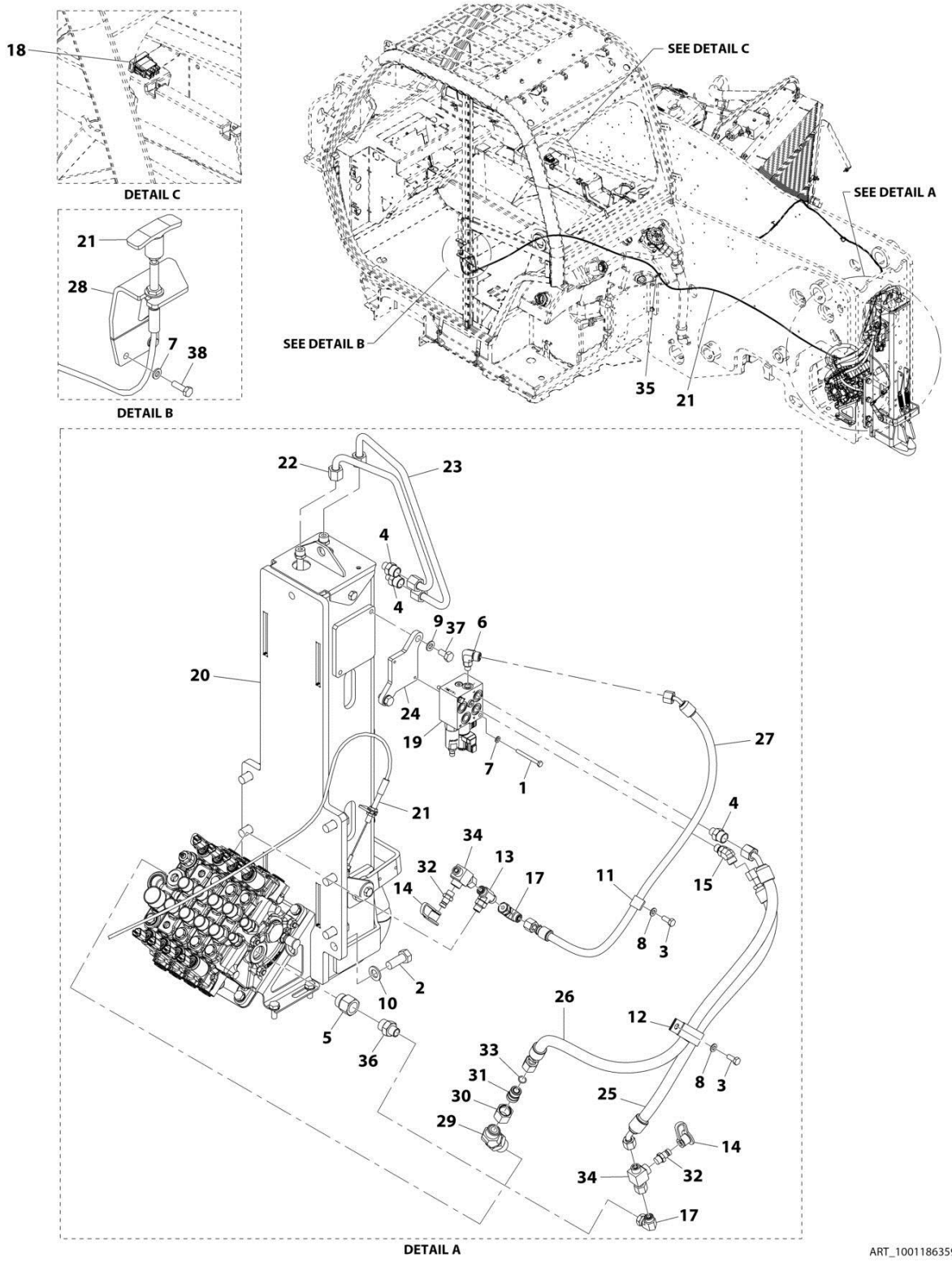


FIGURE 1-37. HITCH INSTALLATION (HYDRAULIC) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186359	Ref	Hitch Installation (Hydraulic)	I
1	0700620	2	Bolt, M6X60	
2	0711616	8	Bolt, M16X40 Grade 10.9	
3	0760810	2	Bolt, M8X20	
4	2110806	3	Fitting, Straight ORFS	
5	8760550	1	Fitting, Tee	
6	2130604	1	Fitting, 90 ORFS	
7	4811700	4	Washer, M6	
8	4811900	2	Washer, M8	
9	4812000	2	Washer, M10	
10	4812300	8	Washer, M16	
11	1001009207	1	Clip	
12	1001008720	1	Clip	
13	2170406	1	Fitting, Tee ORFS	
14	1001008761	2	Dust Cap	
15	2150606	1	Fitting, 45 ORFS	
17	2172106	2	Fitting, 90 ORFS	
18	1001198836	1	Switch, Hitch	
19	1001226722	Ref	Valve, Hydraulic Hitch Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
20	1001182763	1	Hitch, Hydraulic	
21	1001186392	1	Cable, Hitch Release	
22	1001204374	1	Pipe	
23	1001204375	1	Pipe	
24	1001188413	1	Plate	
25	1001204518	1	Hose, ORFS	
26	1001206557	1	Hose, ORFS	
27	1001206558	1	Hose, ORFS	
28	1001228418	1	Bracket, Hitch	
29	2151012	1	Fitting, 45 ORFS	
30	8770143	1	Nut. ORFS	
31	1001032853	1	Reducer, ORFS	
32	1001003590	2	Fitting, Straight	
33	1001008805	1	Seal	
34	1001033119	2	Adapter, ORFS	
35	1001146588	1	Tie Strap	
36	2110610	1	Fitting, Straight	
37	0761010	2	Bolt, M10X20	
38	0700610	2	Bolt, M6X20	

SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION

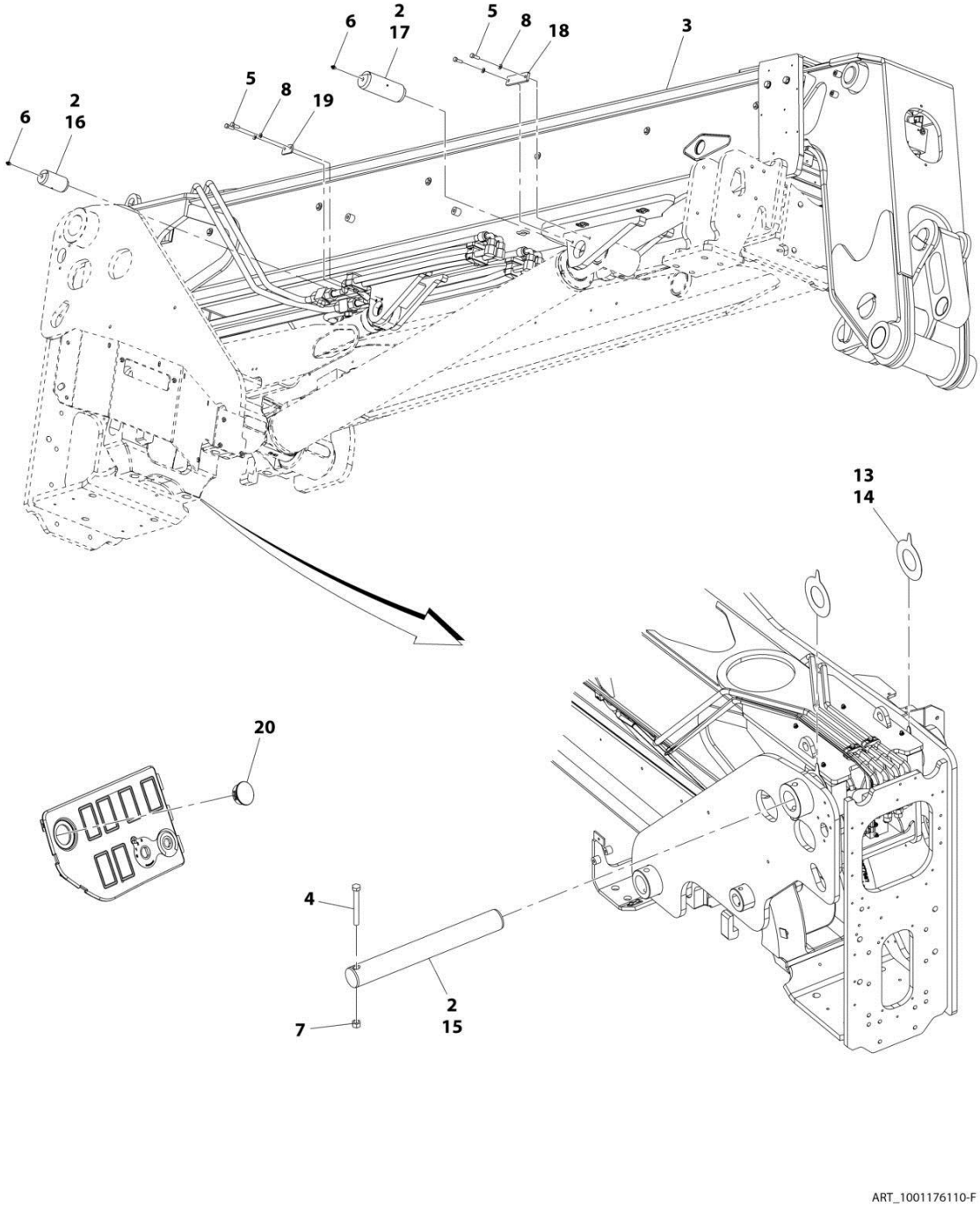


FIGURE 2-1. BOOM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176110	Ref	Boom Installation (Deutz-Fahr)	F
2	1001098457	AR	Lube, Lithium Grease	
3	1001179477	1	Assembly, Boom (Deutz-Fahr) (See Separate Breakdown in this Section)	
4	0711631	1	Bolt, 16X140	
5	0760812	4	Bolt, 8X25	
6	2160016	2	Fitting, Grease	
7	3291605	1	Nut, Lock M16X2	
8	4811900	4	Washer, M8	
13	1001169048	AR	Shim, 1	
14	1001169049	AR	Shim, 0.5	
15	1001175225	1	Pin	
16	1001175754	1	Pin	
17	1001175898	1	Pin, Lift Cylinder	
18	1001191621	1	Plate, Pin Retainer	
19	1001176942	1	Bracket, Pin Retainer	
20	1001190589	1	Plug	

FIGURE 2-2. BOOM ASSEMBLY

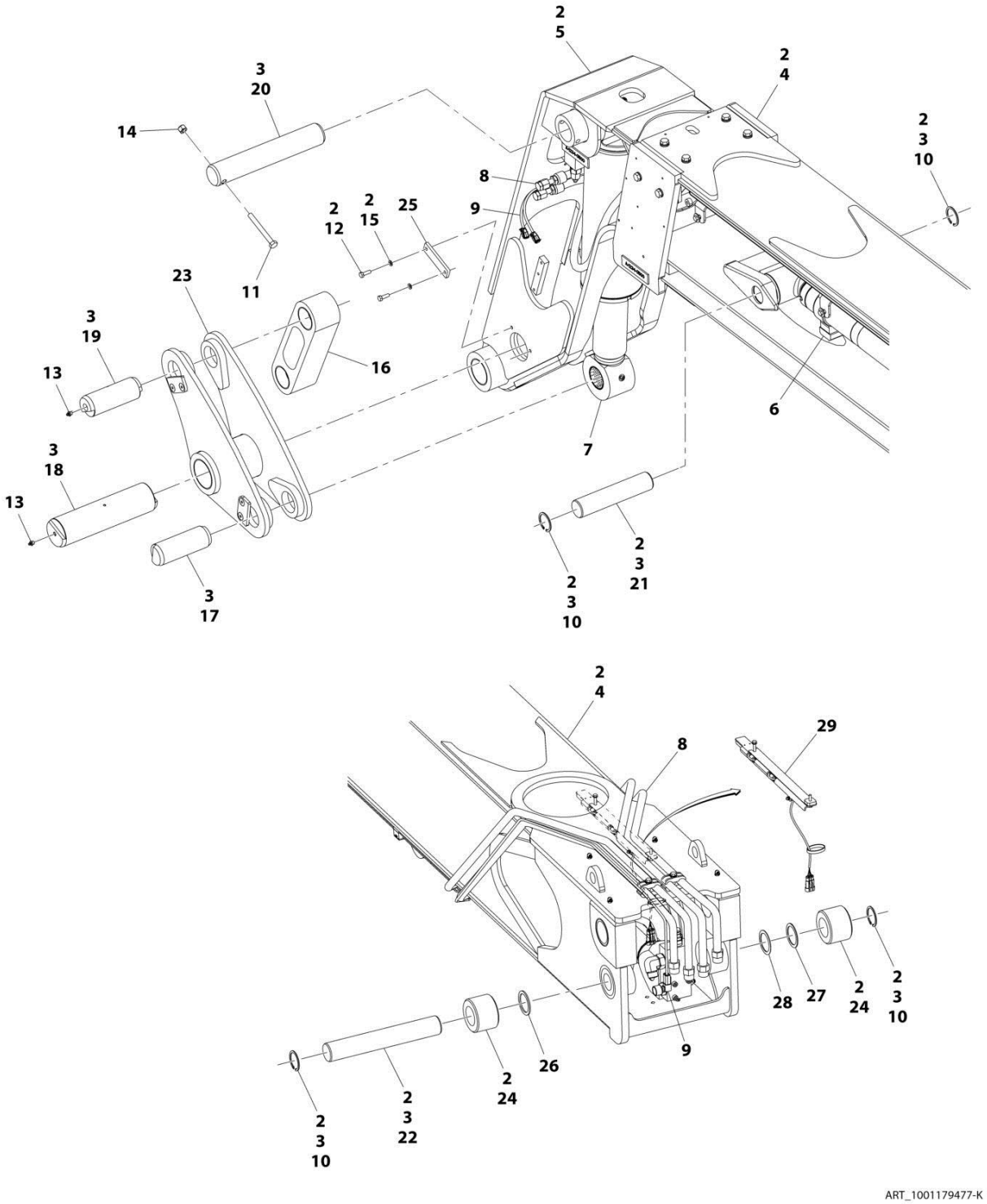


FIGURE 2-2. BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179477	Ref	Boom Assembly (Deutz-Fahr)	K
2	1001098457	AR	Lube, Lithium Grease	
3	3020040	AR	Lubricant, Moly Paste	
4	1001179315	1	Assembly, First Boom Section (Deutz-Fahr) (See Separate Breakdown in this Section)	
5	1001153859	1	Assembly, Second Boom Section (See Separate Breakdown in this Section)	
6	1001203311	1	Cylinder, Inner Extend/Retract (See Separate Breakdown in Hydraulic Components Section)	
7	1001180117	1	Cylinder, Tilt (See Separate Breakdown in Hydraulic Components Section)	
8	1001216311	1	Installation, Boom Hydraulic (See Separate Breakdown in Hydraulic Circuits Section)	
9	1001186169	1	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 Electrical Section)	
17	1001175746	1	Pin, Tilt	
18	1001175747	1	Pin, Tilt Lower	
19	1001175749	1	Pin, Tilt Link	
20	1001175896	1	Pin, Tilt	
21	1001175897	1	Pin, Telescope Cylinder	
22	1001175900	1	Pin, Telescope Cylinder	
23	1001176407	1	Assembly, Lever (See Separate Breakdown in this Section)	
24	1001176691	2	Tube, Spacer	
25	1001191621	1	Plate, Pin Retainer	
26	1001155958	AR	Shim	
27	1001155959	AR	Shim	
28	1001155960	AR	Shim	
29	1001221242	Ref	Installation, Boom Retract Sensor (See Separate Breakdown in Electrical Section)	

FIGURE 2-3. FIRST BOOM SECTION ASSEMBLY

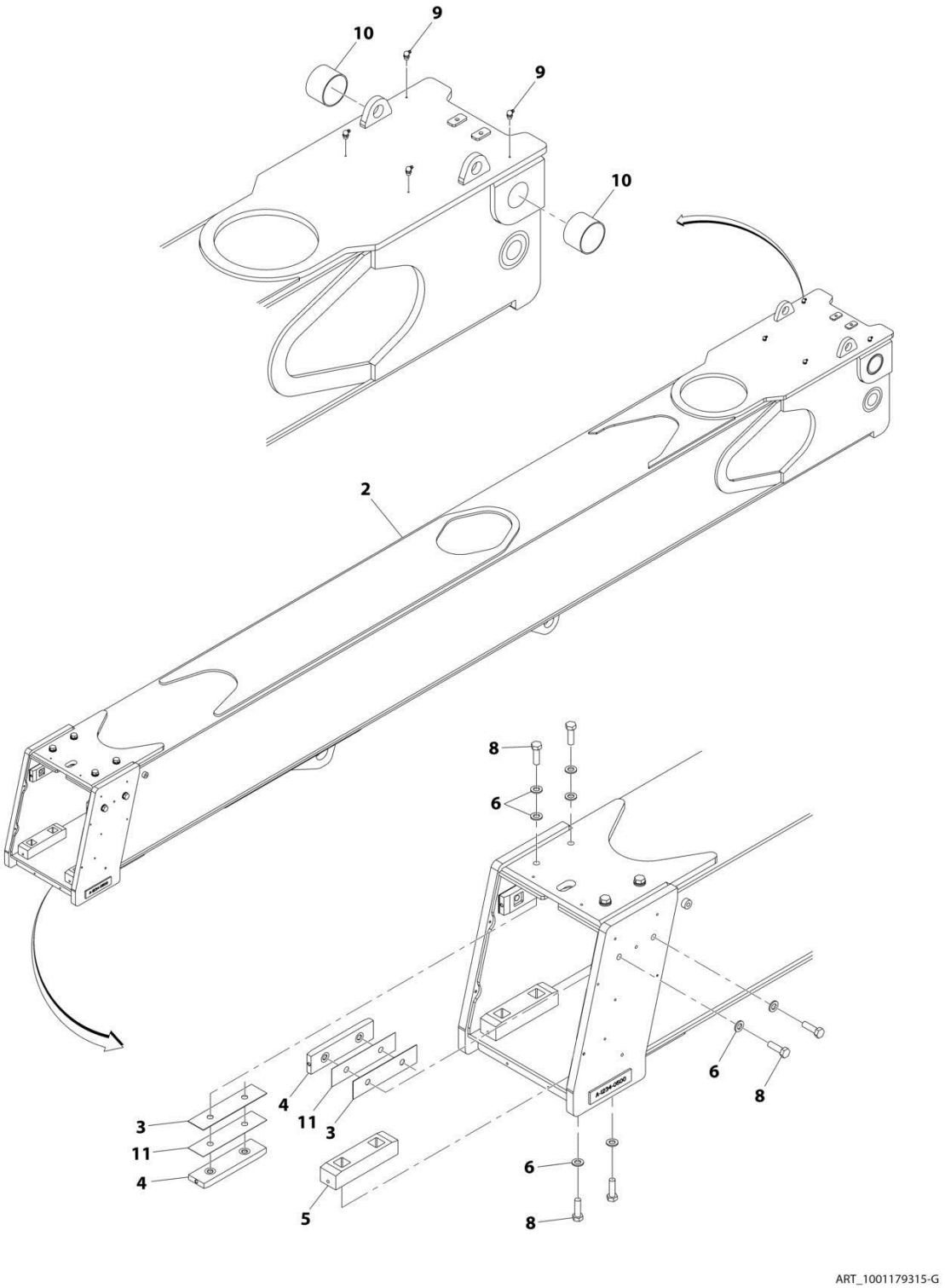


FIGURE 2-3. FIRST BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179315	Ref	First Boom Section Assembly (Deutz-Fahr)	G
2	1001174804D	1	Boom, First	
3	1001147731	AR	Shim, M1X45X185	
4	1001147657	4	Pad, M15X45X181	
5	1001175853	2	Pad, M38X45X181	
6	1001125117	AR	Washer, M12	
8	0711216	12	Bolt, M12X40, Grade 10.9	
9	2160018	4	Fitting, Grease	
10	1001090150	2	Bearing	
11	1001154174	AR	Shim, M0.5X45X185	

FIGURE 2-4. SECOND BOOM SECTION ASSEMBLY

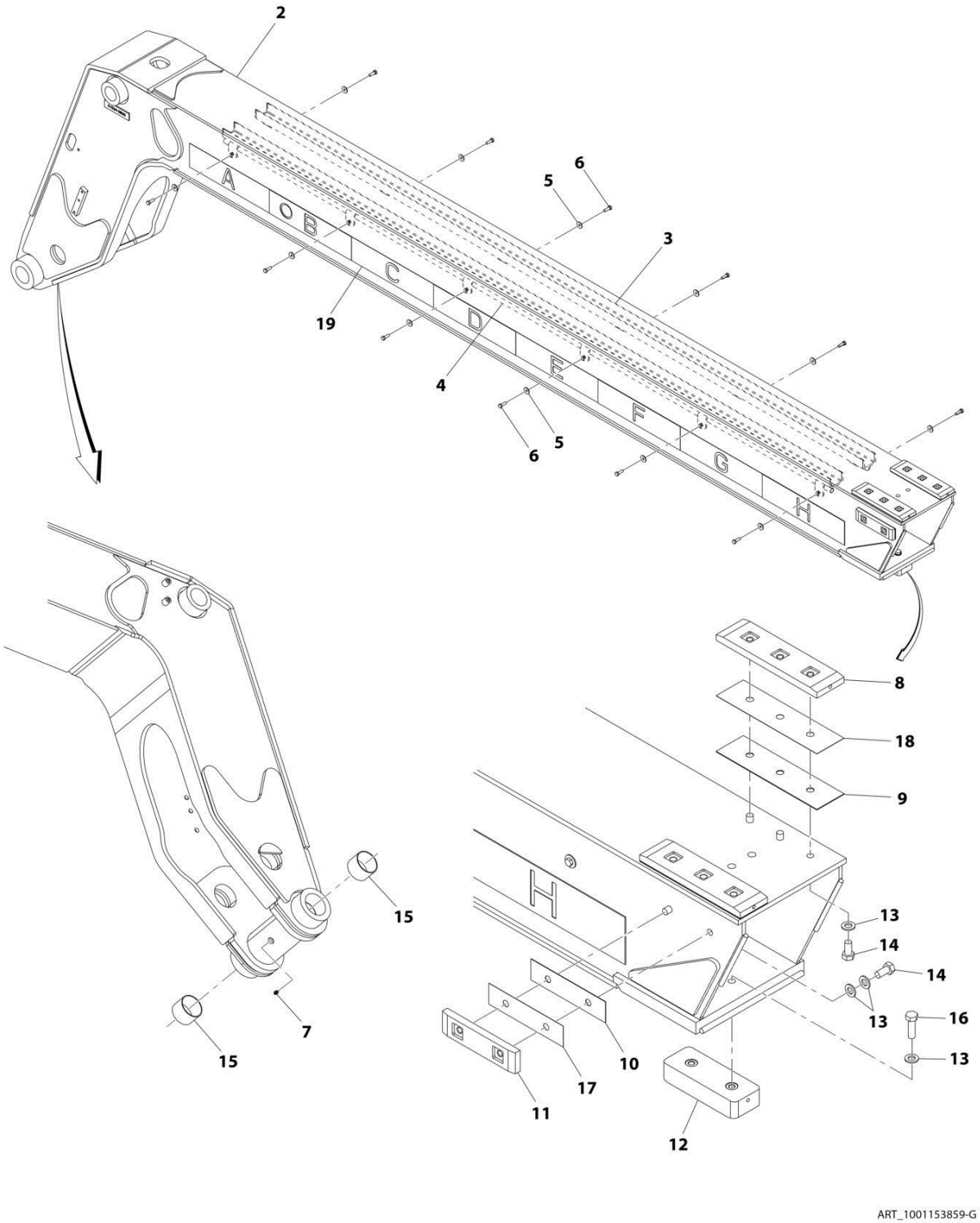


FIGURE 2-4. SECOND BOOM SECTION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153859	Ref	Second Boom Section Assembly	G
2	1001180893	1	Boom, Second	
3	1001174557	1	Hose	
4	1001175661	1	Hose	
5	4811902	12	Washer, M8	
6	0760812	12	Bolt, M8x25	
7	2160016	1	Fitting, Grease	
8	1001177054	2	Pad, M67.5X250X15	
9	1001177073	AR	Pad, M1.5X67.5X250	
10	1001147731	AR	Pad, M1X45X185	
11	1001147657	2	Pad, M15X45X181	
12	1001175762	1	Pad, M38X67.5X181	
13	1001125117	AR	Washer, M12	
14	0771212	10	Bolt, M12X25 Grade 10.9	
15	1001090150	2	Bearing	
16	0711216	2	Bolt, M12X40, Grade 10.9	
17	1001154174	AR	Shim, M0.5X45X185	
18	1001221577	AR	Shim, M0.5X67.5X250	
19	1001227229	1	Decal, Boom	

FIGURE 2-5. LINK ASSEMBLY

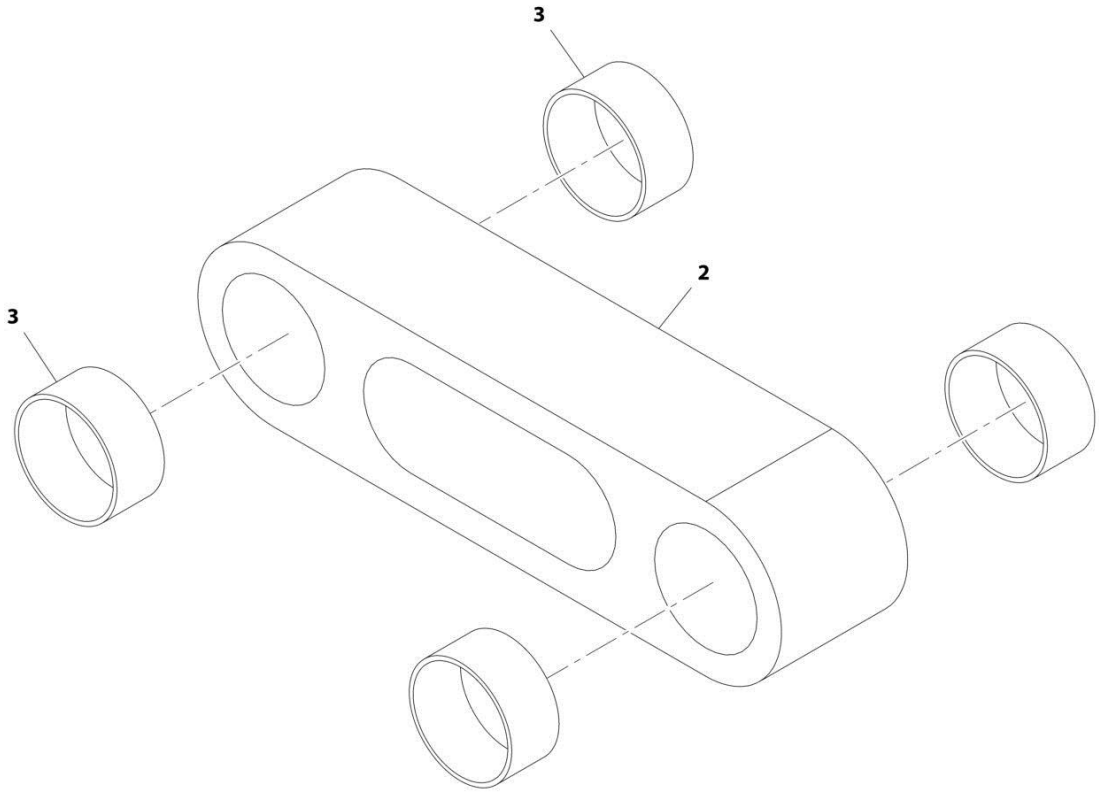


FIGURE 2-5. LINK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096870	Ref	Link Assembly	B
2	1001096726	1	Link	
3	1001100442	4	Bearing	

FIGURE 2-6. LEVER ASSEMBLY

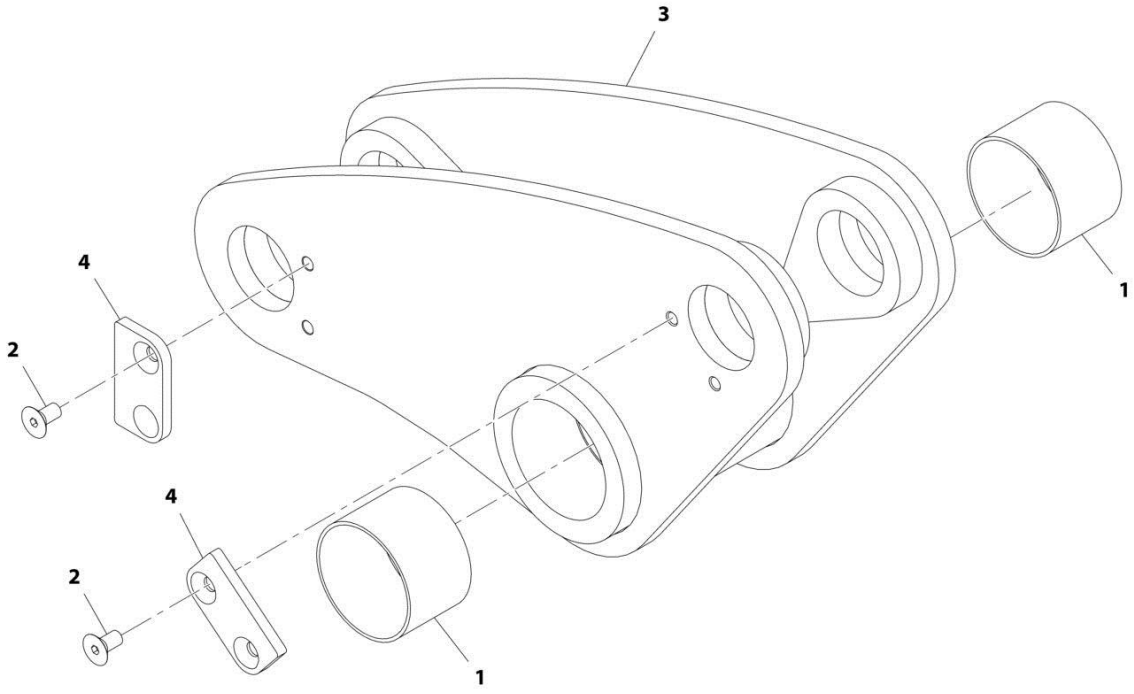


FIGURE 2-6. LEVER ASSEMBLY

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 2-7. MANUAL QUICK COUPLER INSTALLATION

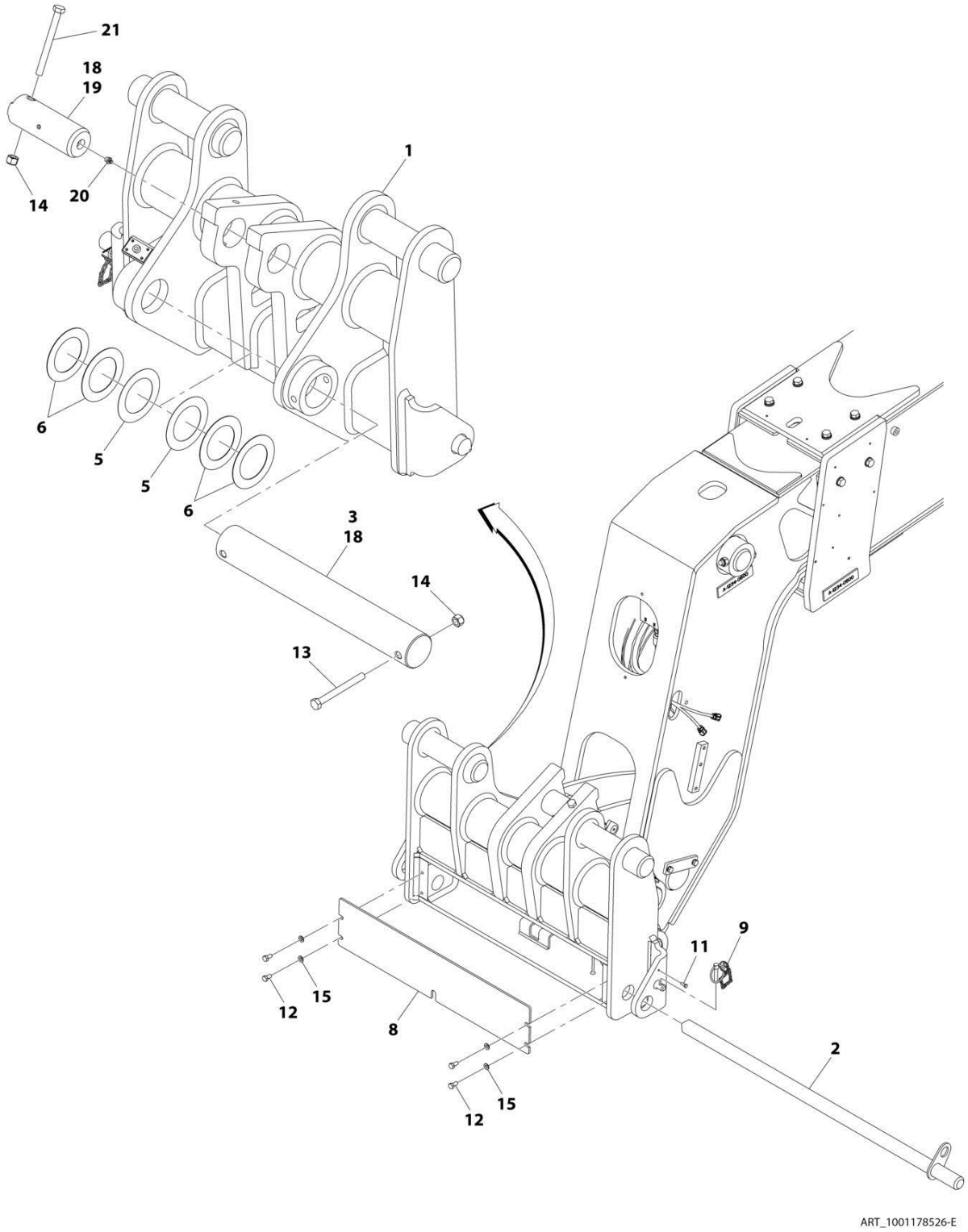


FIGURE 2-7. MANUAL QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178526	Ref	Manual Quick Coupler Installation	E
1	1001189099	1	Carriage	
2	1001162636	1	Pin	
3	1001172886	1	Pin	
5	1001098146	AR	Shim, M72X110X0.5	
6	1001098147	AR	Shim, M72X110X1.0	
8	1001171390	1	Plate	
9	1001149923	1	Chain, Retaining Pin	
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	0701232	1	Bolt, M12X150	

FIGURE 2-8. HYDRAULIC QUICK COUPLER INSTALLATION

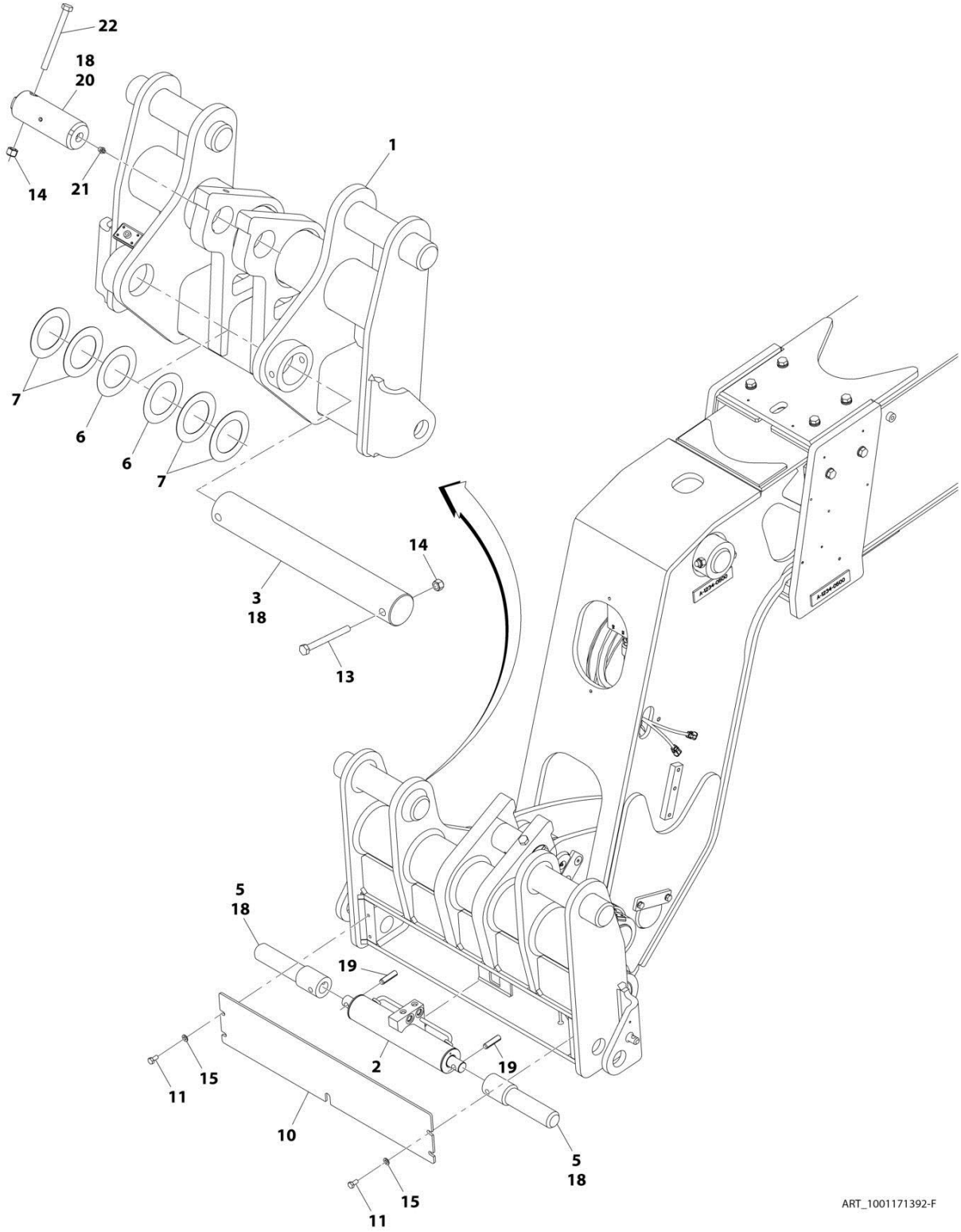


FIGURE 2-8. HYDRAULIC QUICK COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171392	Ref	Hydraulic Quick Coupler Installation	F
1	1001189099	1	Carriage	
2	1001114787	1	Assembly, Coupler Locking Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
3	1001172886	1	Pin	
5	1001170984	2	Rod, Locking	
6	1001098146	AR	Shim, M72X110X0.5	
7	1001098147	AR	Shim, M72X110X1.0	
10	1001171390	1	Plate	
11	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	
20	1001197479	1	Pin	
21	2160016	1	Fitting, Grease	
22	0701232	1	Bolt, M12X150	

FIGURE 2-9. BOOM ANGLE INDICATOR INSTALLATION

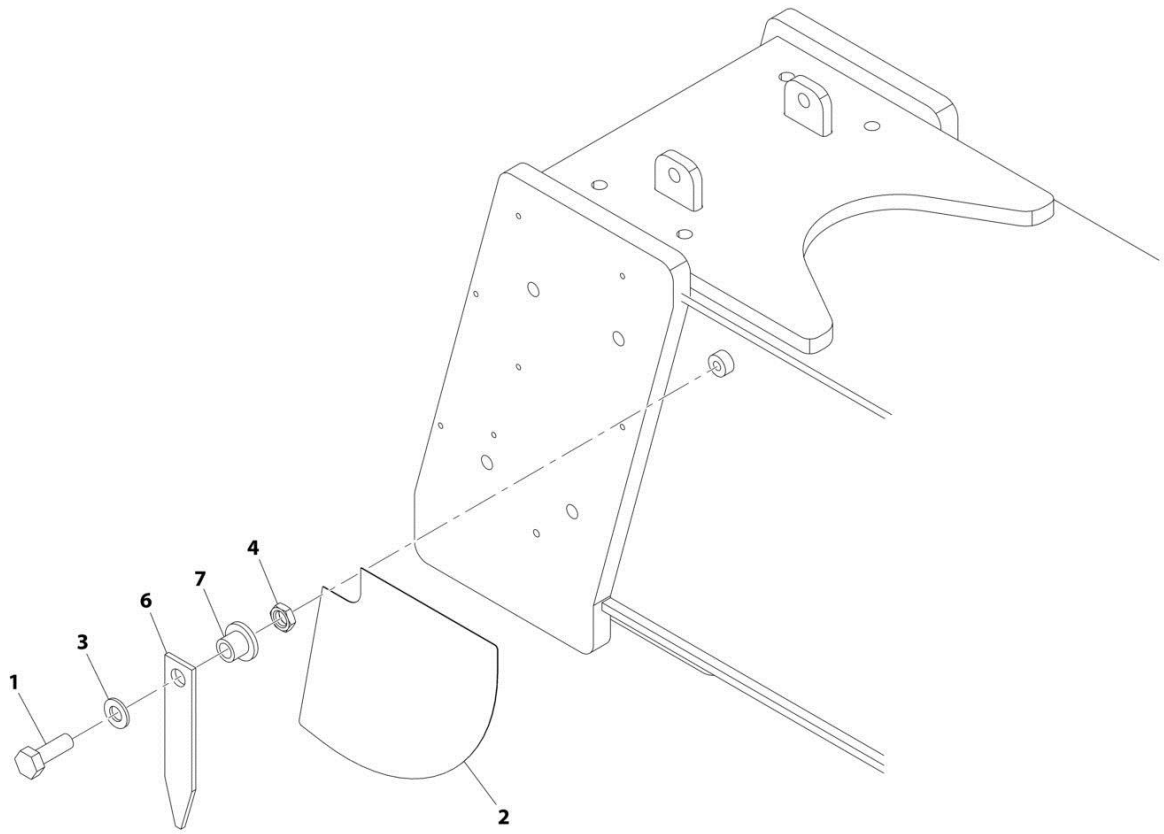


FIGURE 2-9. BOOM ANGLE INDICATOR INSTALLATION

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 2-10. BOOM PROP INSTALLATION

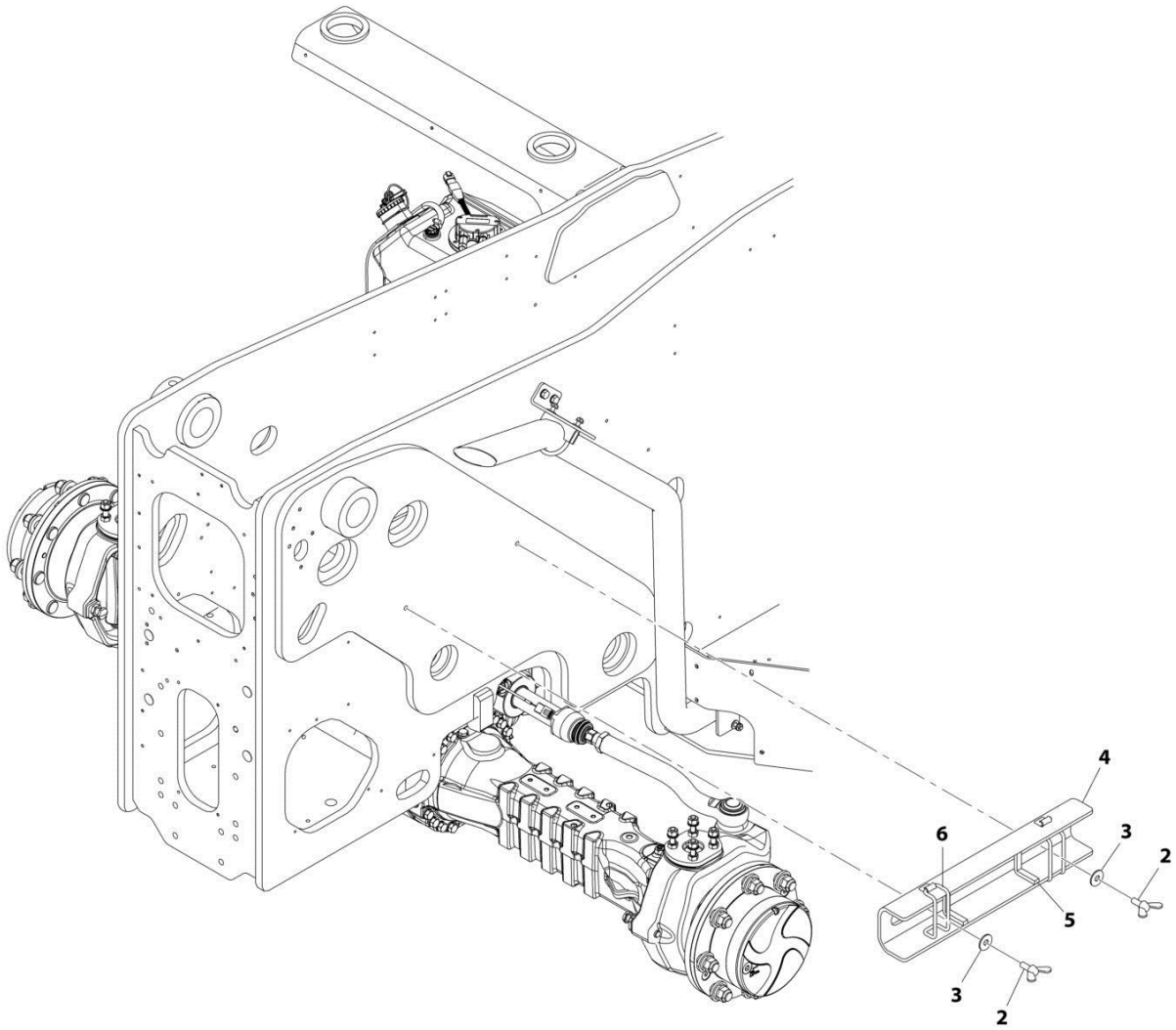


FIGURE 2-10. BOOM PROP INSTALLATION

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 2-11. BOOM BRUSHES INSTALLATION

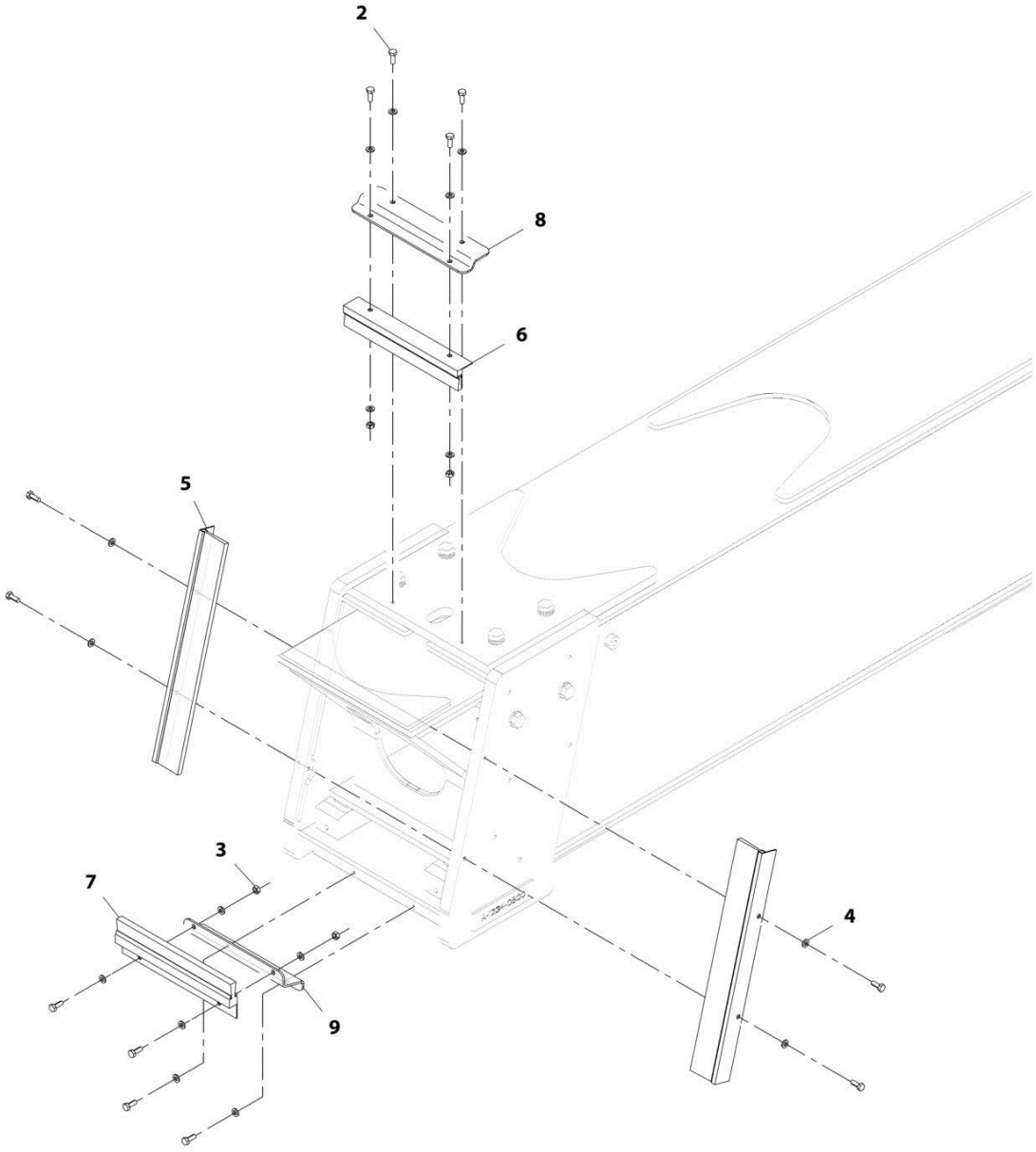


FIGURE 2-11. BOOM BRUSHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186698	Ref	Boom Brushes Installation	D
2	0760608	12	Bolt, M6X16	
3	3290601	4	Nut, M6X1	
4	4811700	16	Washer, M6	
5	1001184423	2	Seal	
6	1001184425	1	Seal	
7	1001184426	1	Seal	
8	1001214297	1	Bracket	
9	1001214312	1	Bracket	

SECTION 3 - ATTACHMENTS

FIGURE 3-1. CARRIAGE ASSEMBLY (1524MM) (CE & AUS)

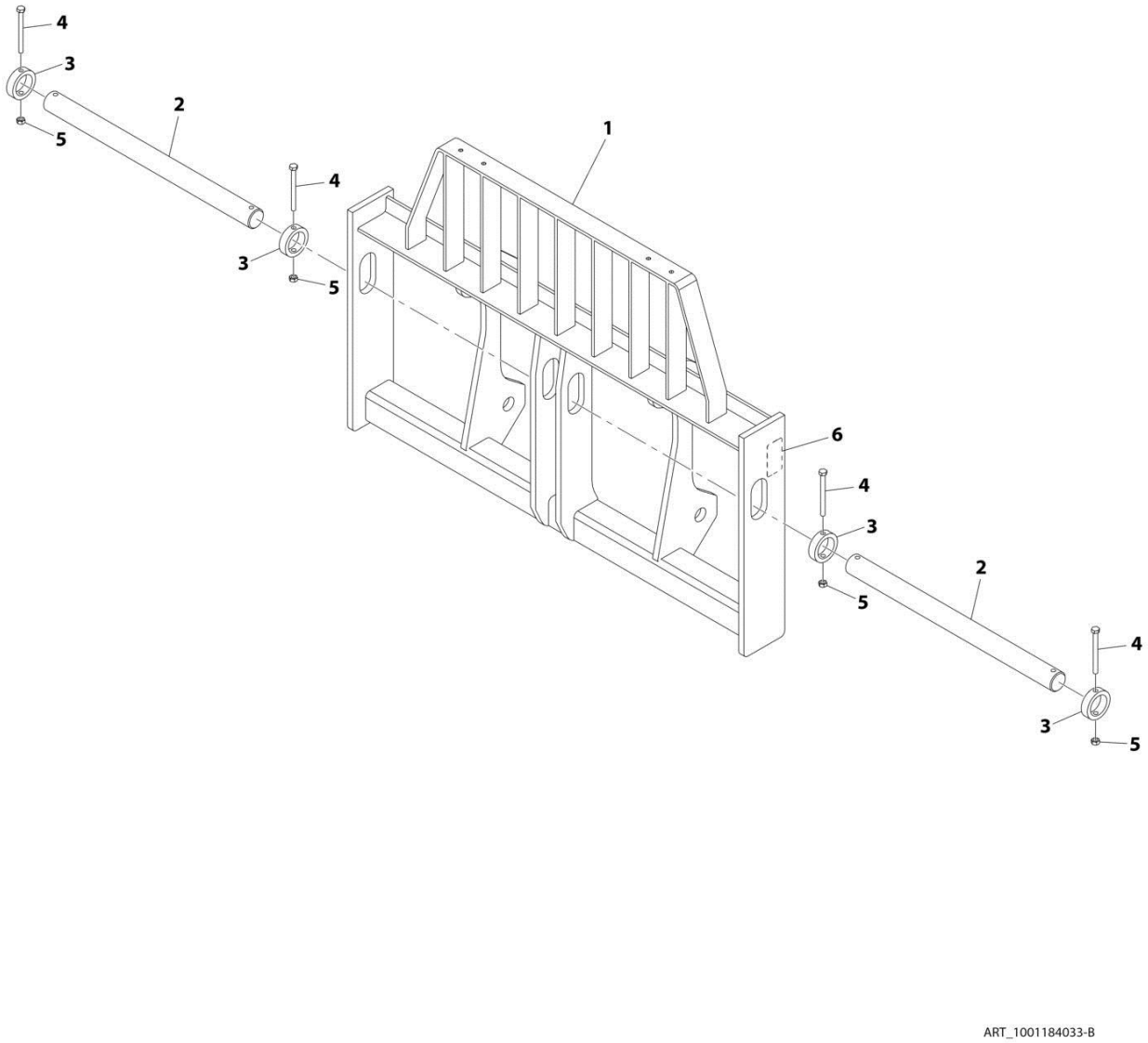


FIGURE 3-1. CARRIAGE ASSEMBLY (1524MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184033	1	Carriage Assembly (1524MM)	B
1	N.S.S.	1	Weldment, Carriage	
2	70027659	2	Shaft, Fork	
3	70027606	4	Pin, Block	
4	70027607	4	Bolt	
5	70021241	4	Nut, Lock M12	
6	N.S.S.	1	Plate, Serial Number	

FIGURE 3-2. CARRIAGE ASSEMBLY (1829MM) (CE & AUS)

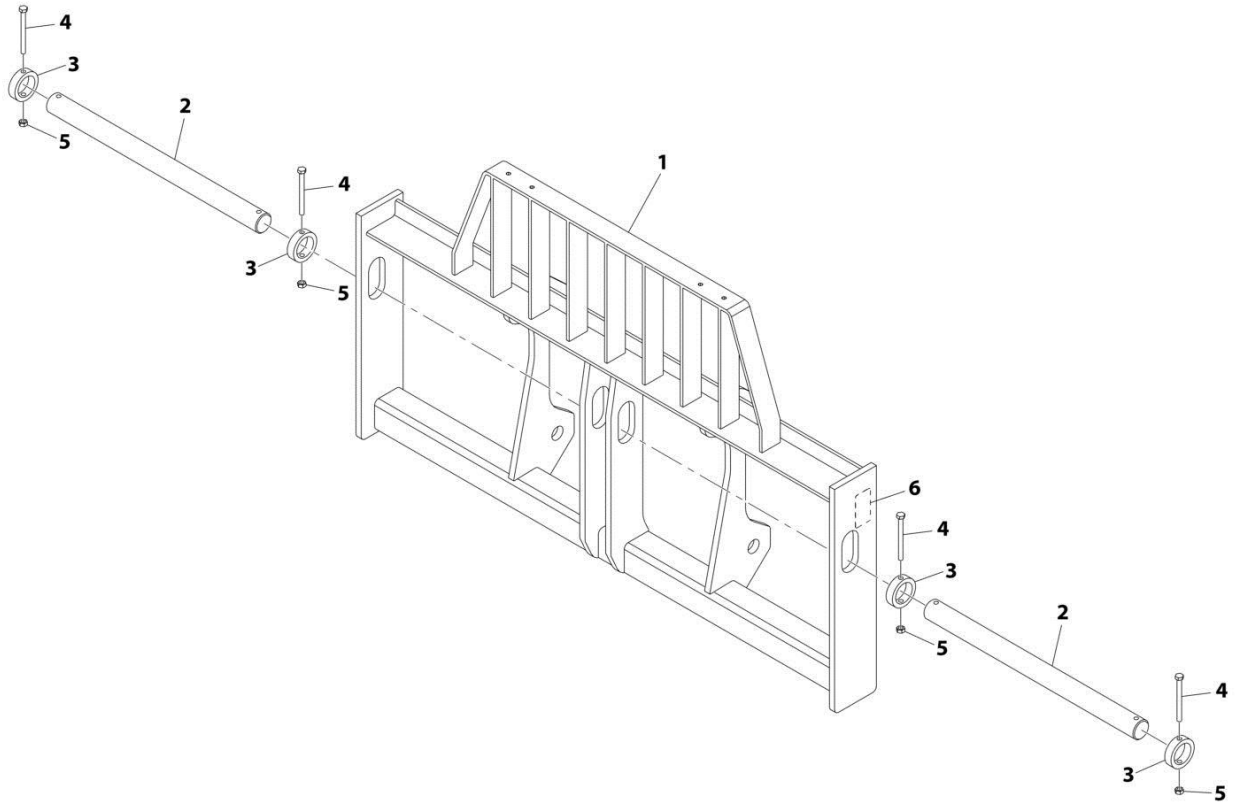


FIGURE 3-2. CARRIAGE ASSEMBLY (1829MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184035	1	Carriage Assembly (1829MM)	B
1	N.S.S.	1	Weldment, Carriage	
2	70027658	2	Shaft, Fork	
3	70027606	4	Pin, Block	
4	70027607	4	Bolt	
5	70021241	4	Nut, Lock M12	
6	N.S.S.	1	Plate, Serial Number	

FIGURE 3-3. CARRIAGE ASSEMBLY (1225MM) (CE & AUS)

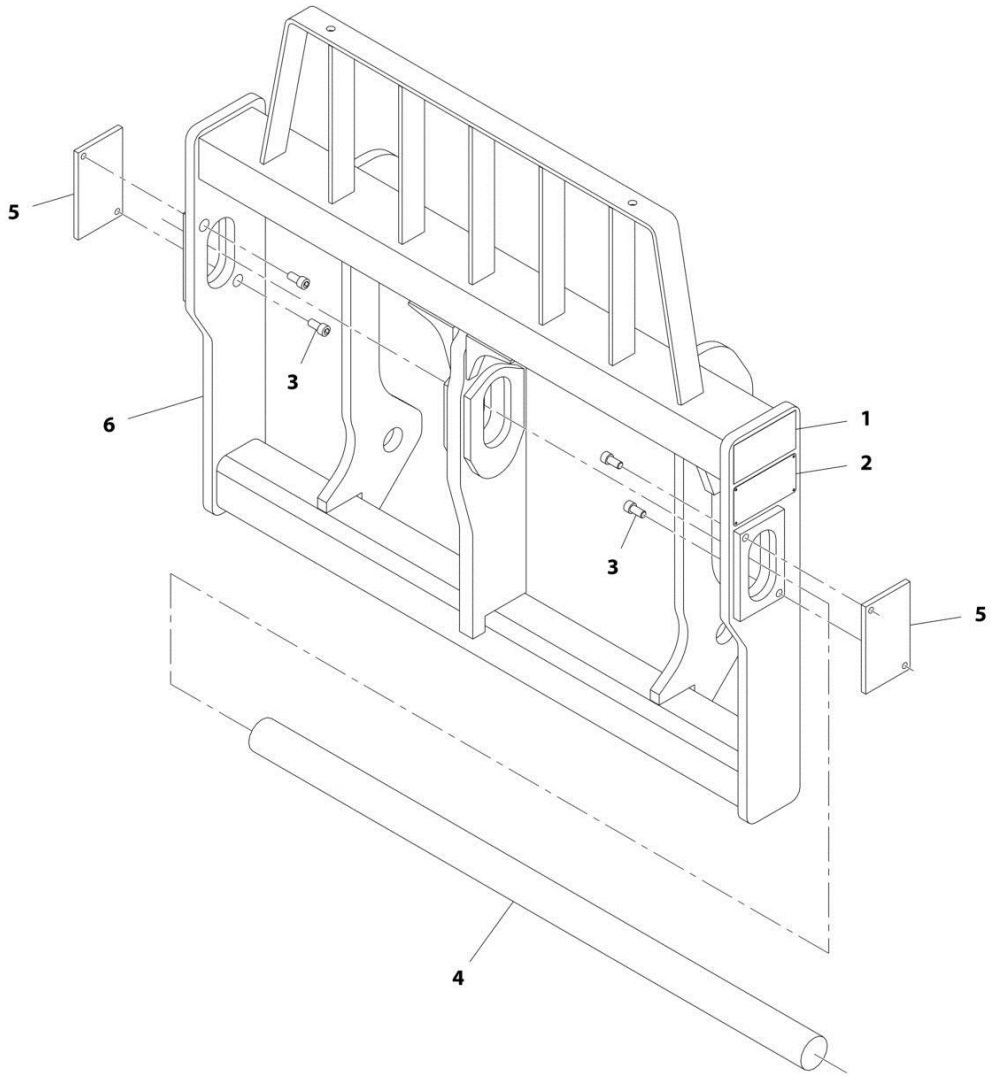


FIGURE 3-3. CARRIAGE ASSEMBLY (1225MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001107581	1	Carriage Assembly (1225MM)	A
1	N.S.S.	1	Name Plate, Carriage	
2	N.S.S.	1	Plate, Serial Number	
3	4032109	4	Bolt, M12X25	
4	1001107336	1	Shaft, Carriage	
5	1001107338	2	Cover, Shaft	
6	N.S.S.	1	Weldment, Carriage	

FIGURE 3-4. CARRIAGE ASSEMBLY (JOHN DEERE FIT) (CE)

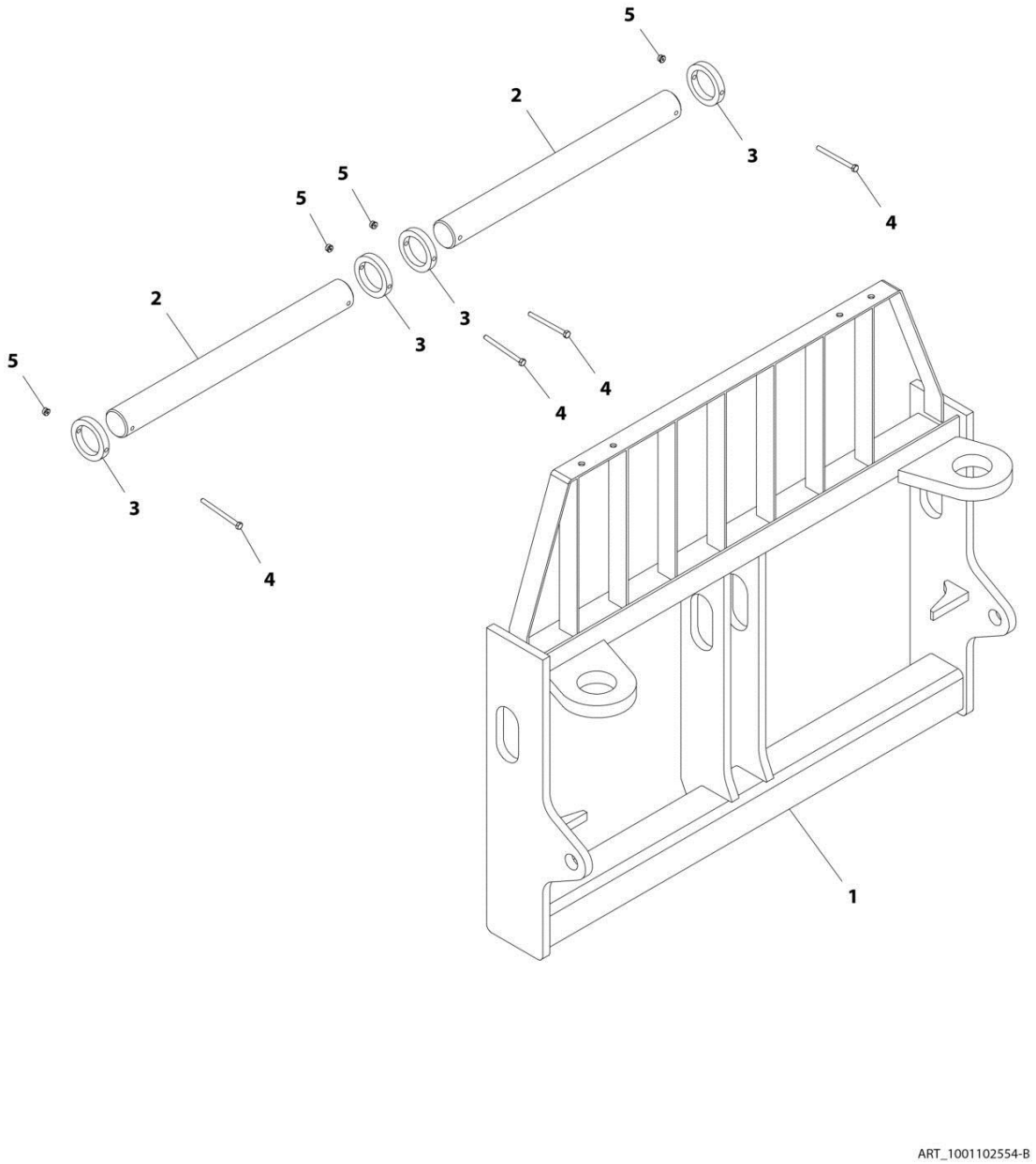


FIGURE 3-4. CARRIAGE ASSEMBLY (JOHN DEERE FIT) (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102554	1	Carriage Assembly (John Deere Fit)	B
1	N.S.S.	1	Weldment, Carriage	
2	4040283	2	Shaft, Carriage	
3	3760508	4	Collar, Shaft	
4	0700827	4	Bolt, M8X100	
5	3290805	4	Nut, M8X1.25 Grade 8	

FIGURE 3-5. CARRIAGE ASSEMBLY (MANITOU FIT) (CE)

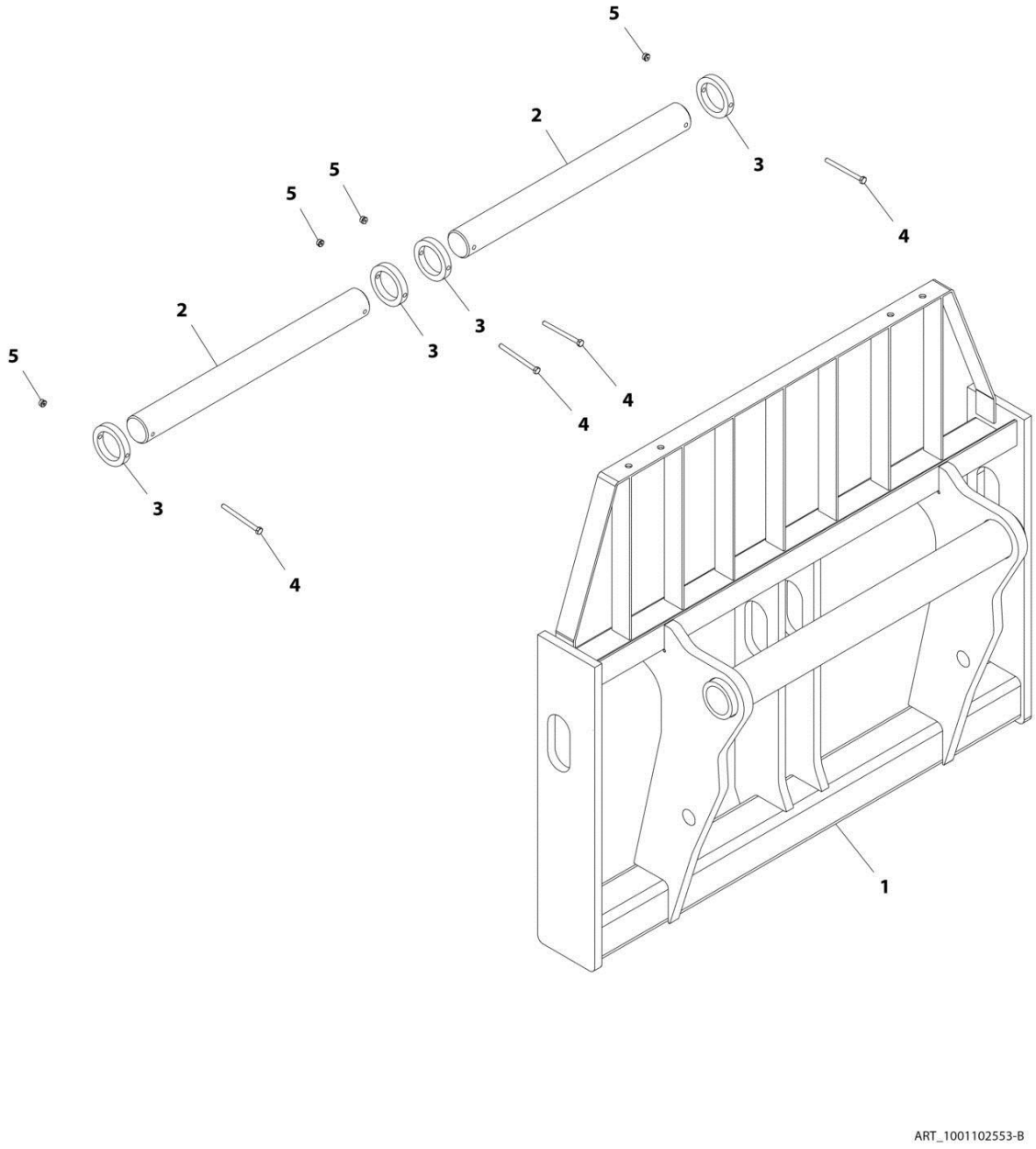


FIGURE 3-5. CARRIAGE ASSEMBLY (MANITOU FIT) (CE)

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

FIGURE 3-6. CARRIAGE ASSEMBLY (JCB FIT) (CE)

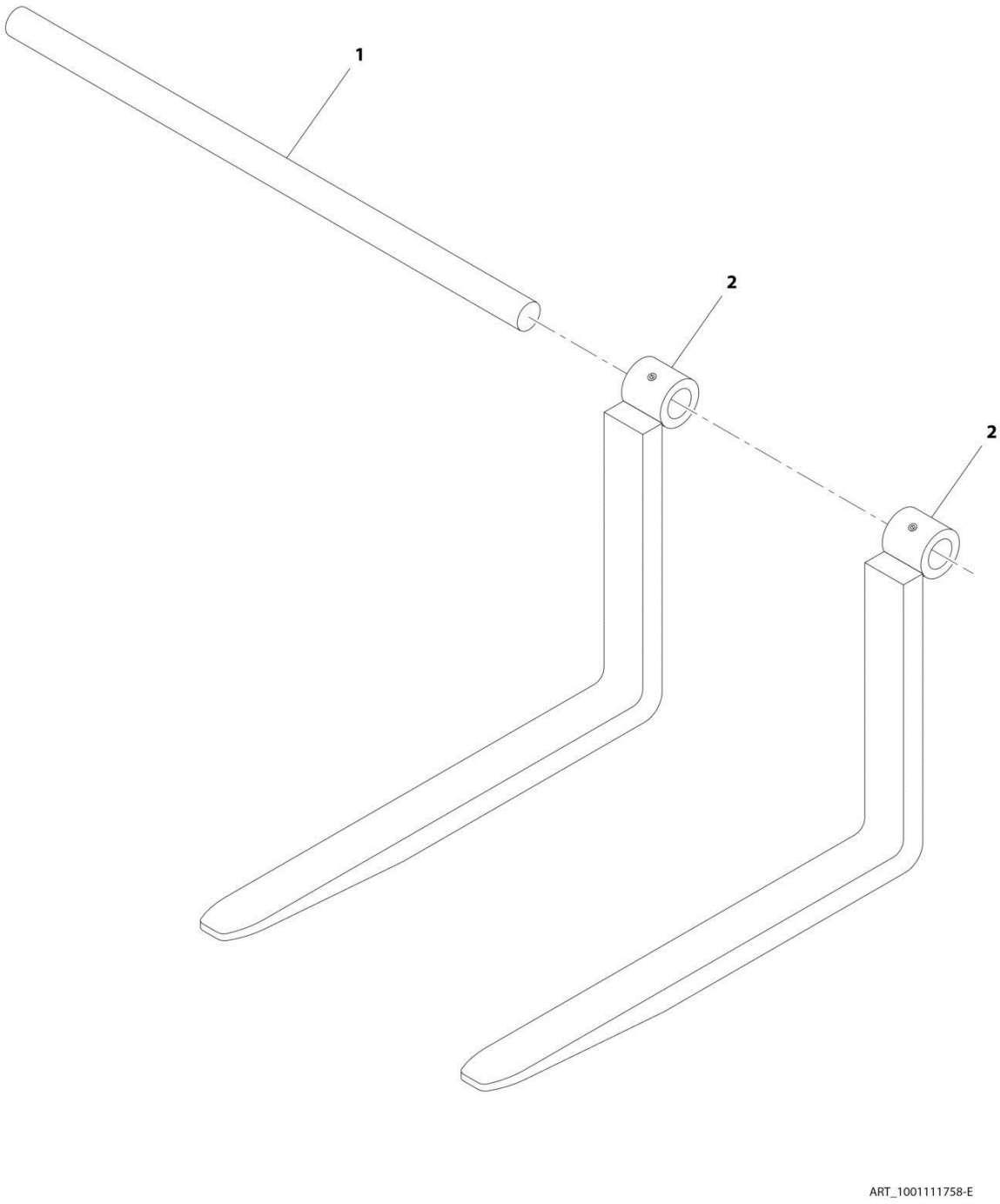


FIGURE 3-6. CARRIAGE ASSEMBLY (JCB FIT) (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001111758	Ref	Fork Assembly (JCB Fit)	E
1	1001108133	1	Fork Bar	
2	1001111757	2	Fork	

FIGURE 3-7. DUAL TINE BAILING FORK CARRIAGE (CE & AUS)

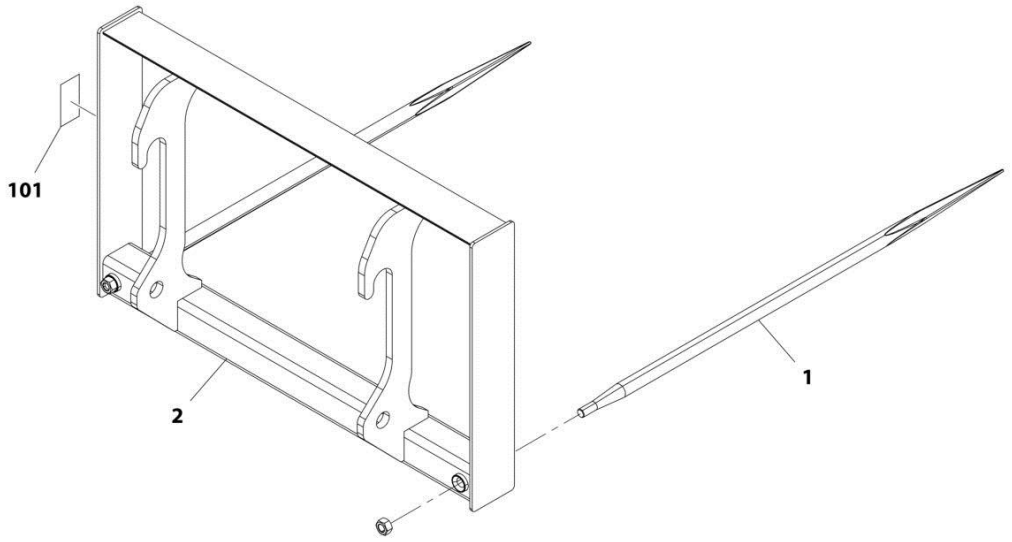
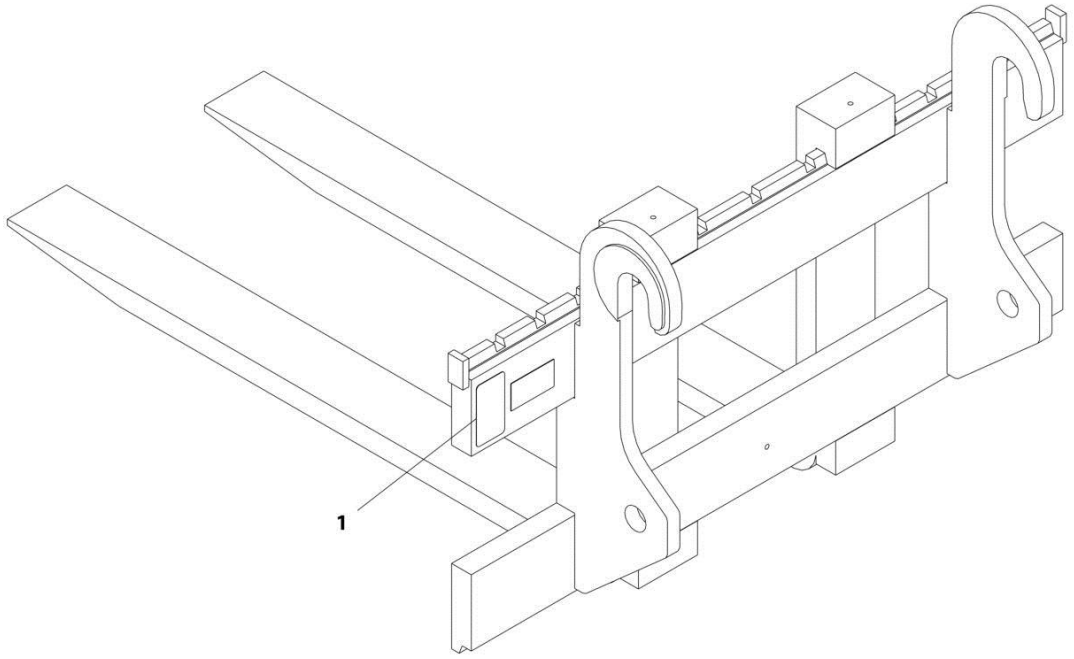


FIGURE 3-7. DUAL TINE BAILING FORK CARRIAGE (CE & AUS)

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 3-8. FEM CARRIAGE AND FORKS (CE & AUS)



ART_1001172667-B

FIGURE 3-8. FEM CARRIAGE AND FORKS (CE & AUS)

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

FIGURE 3-9. SIDE TILTING CARRIAGE (4.5 TON - 1225 MM) (CE & AUS)

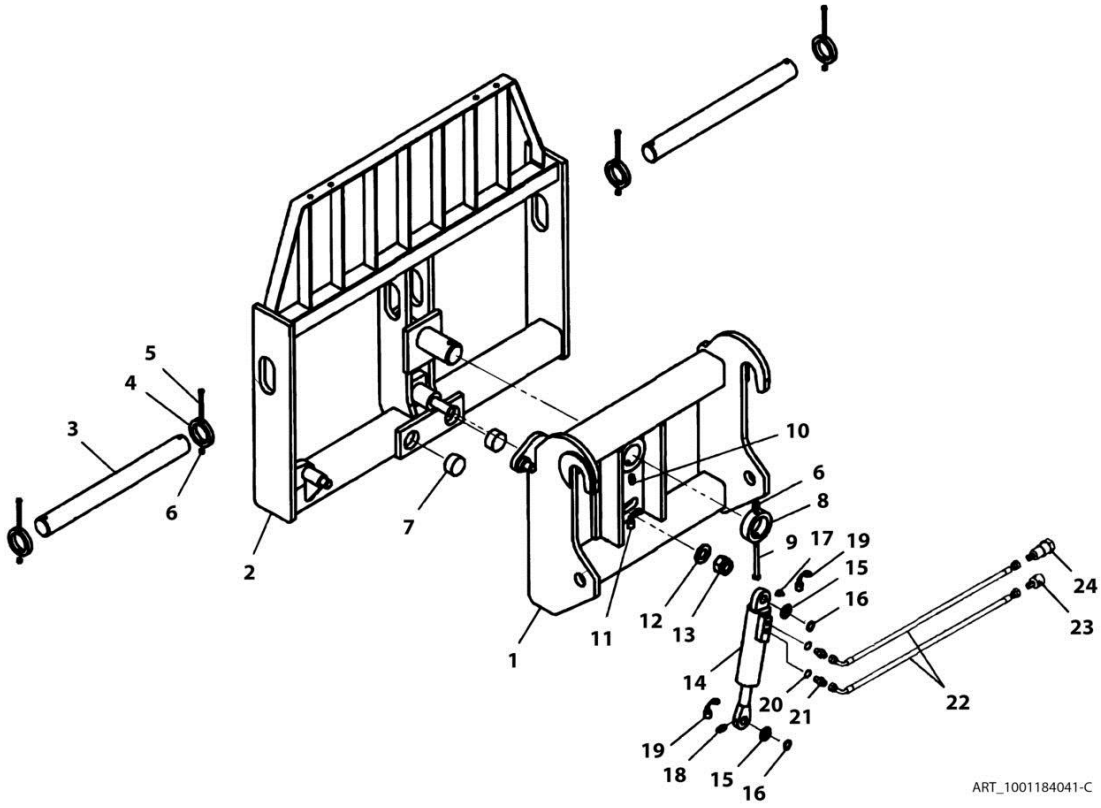


FIGURE 3-9. SIDE TILTING CARRIAGE (4.5 TON - 1225 MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184041	1	Side Tilting Carriage (4.5 ton - 1225 MM)	C
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 3-10. SIDE SHIFT CARRIAGE (4.0 TON - 1225 MM) (CE & AUS)

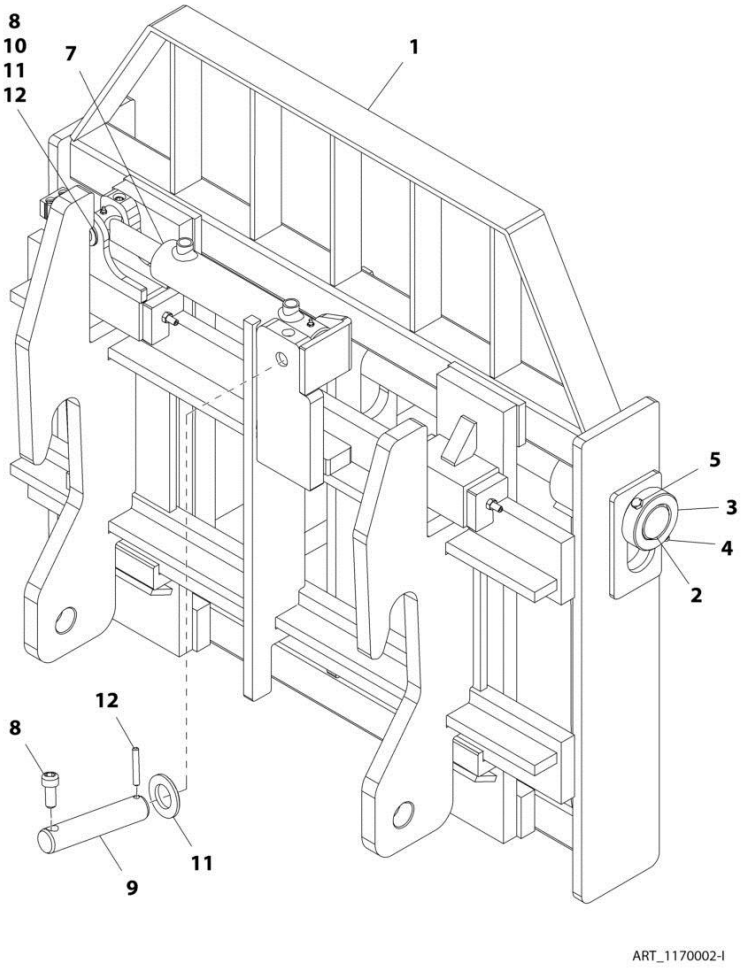


FIGURE 3-10. SIDE SHIFT CARRIAGE (4.0 TON - 1225 MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170002	1	Side Shift Carriage (4.0 ton - 1255 MM)	I
1	N.S.S.	1	Carriage, Side Shift	
2	7028136	1	Bar, Fork Carrier	
3	7028137	1	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)	

FIGURE 3-11. FORK POSITIONING CARRIAGE WITH FORKS (4.0 TON) (CE & AUS)

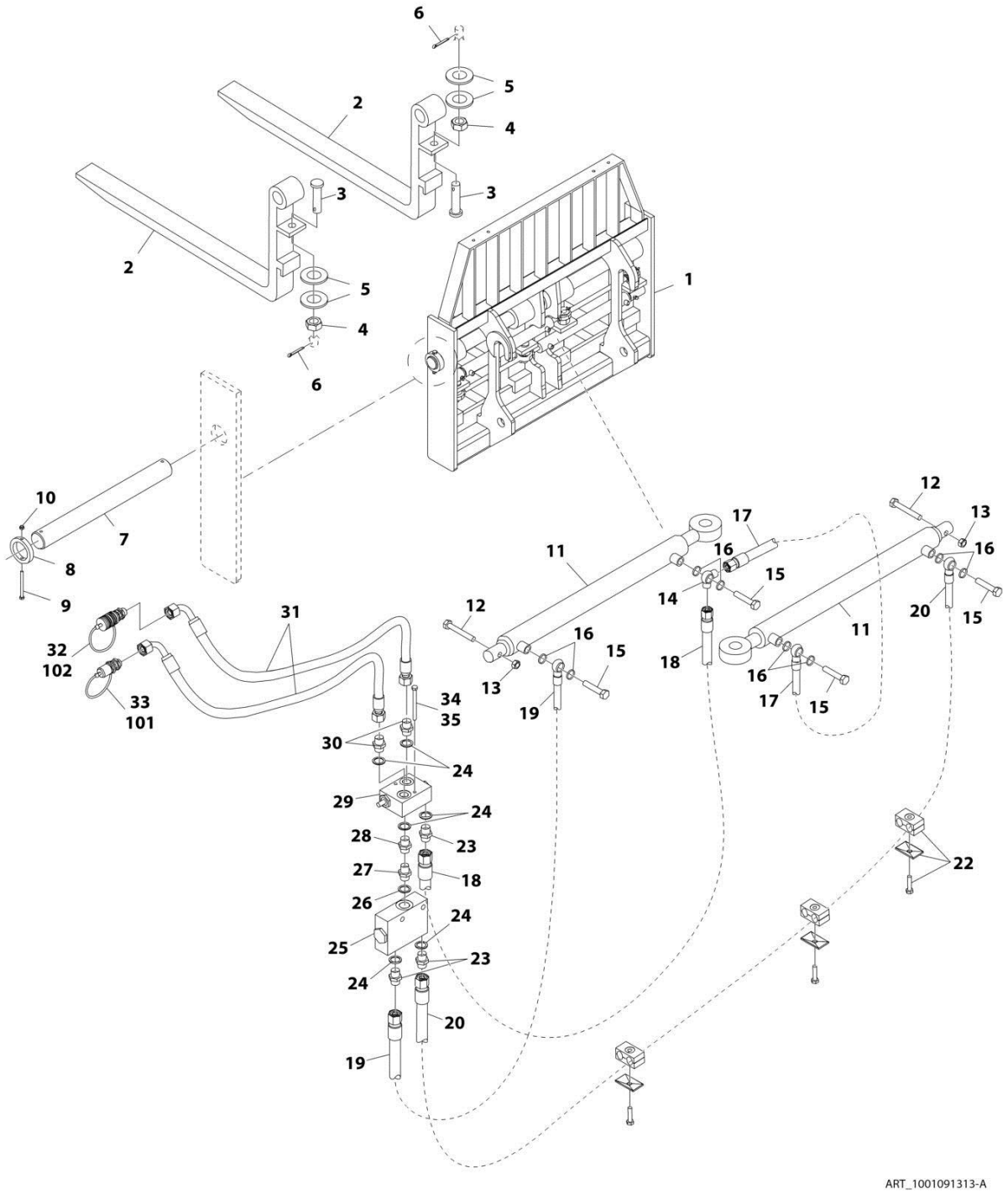


FIGURE 3-11. FORK POSITIONING CARRIAGE WITH FORKS (4.0 TON) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091313	1	Fork Positioning Carriage with Forks (4.0 ton)	A
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 3-12. DUAL FORK CARRIAGE ASSEMBLY

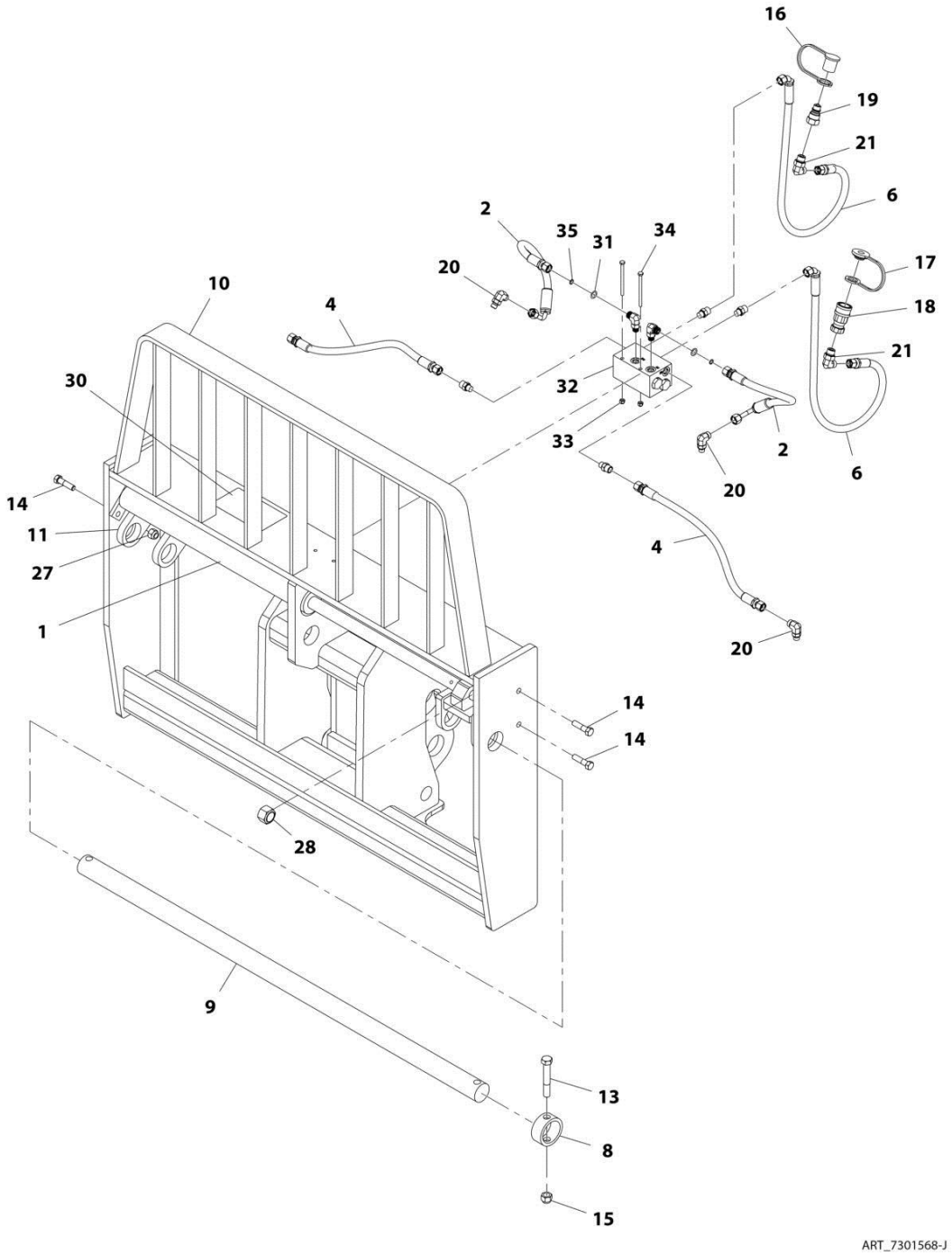


FIGURE 3-12. DUAL FORK CARRIAGE ASSEMBLY

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 3-13. DUAL FORK CARRIAGE VALVE ASSEMBLY

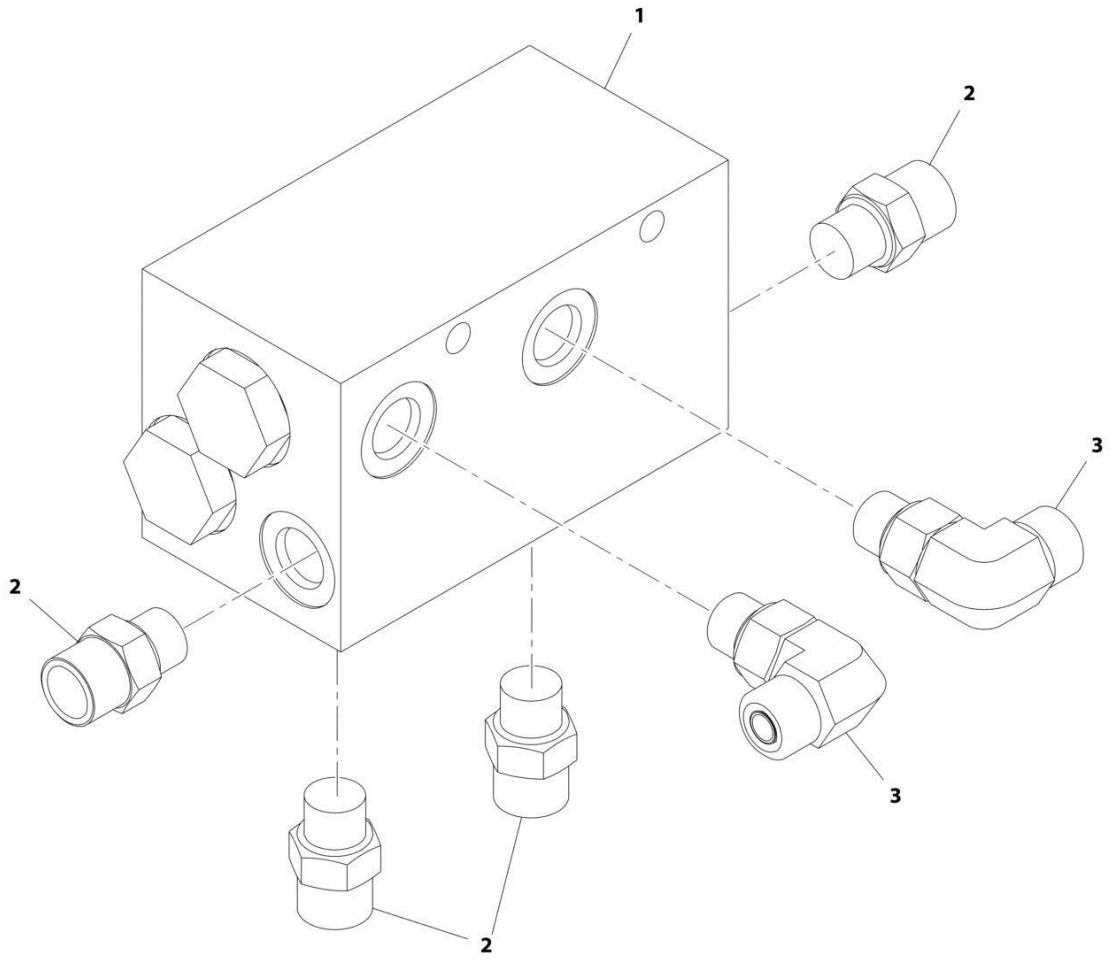
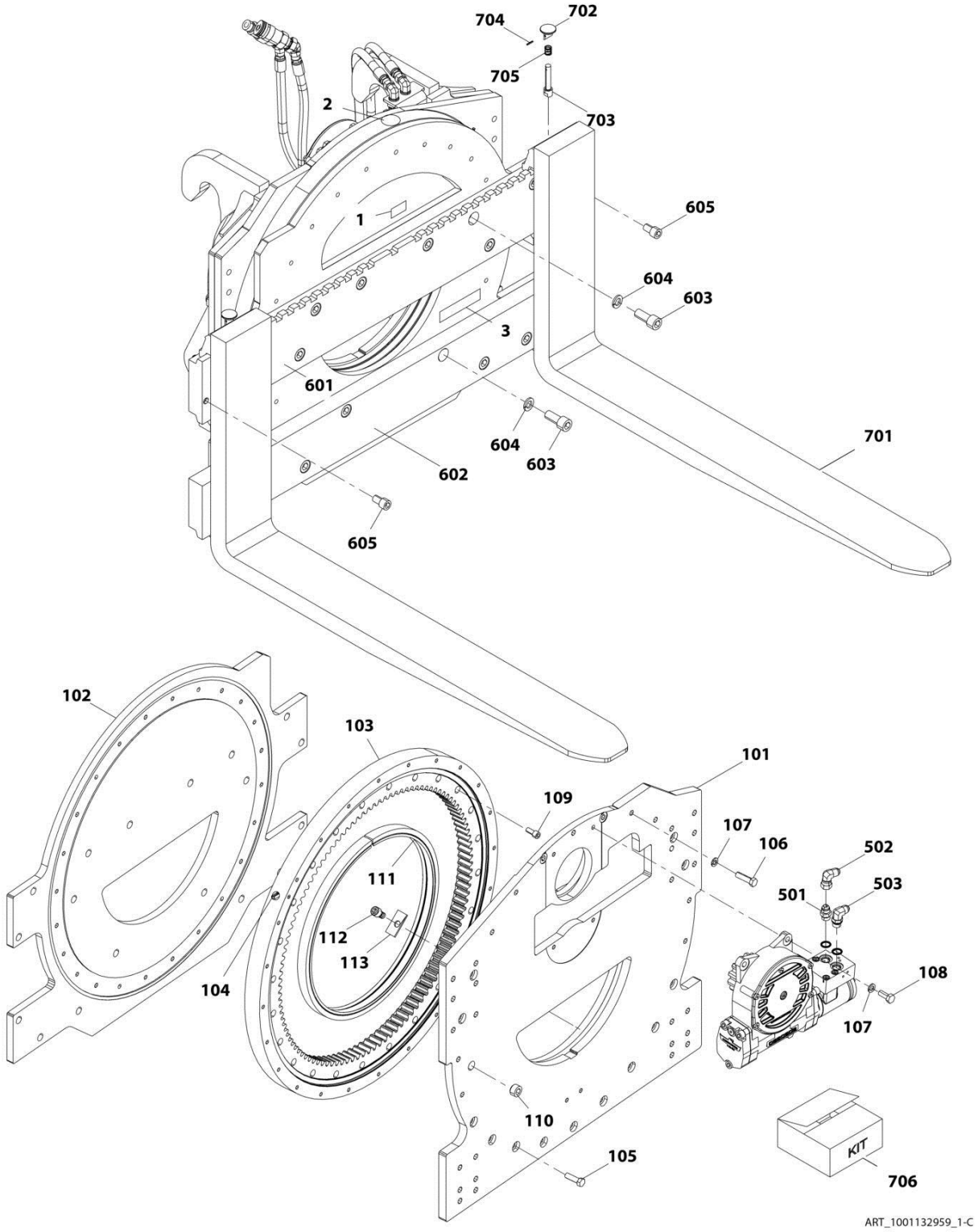


FIGURE 3-13. DUAL FORK CARRIAGE VALVE ASSEMBLY

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

FIGURE 3-14. FORK ROTATING CARRIAGE (4.5 TON - 1270 MM)



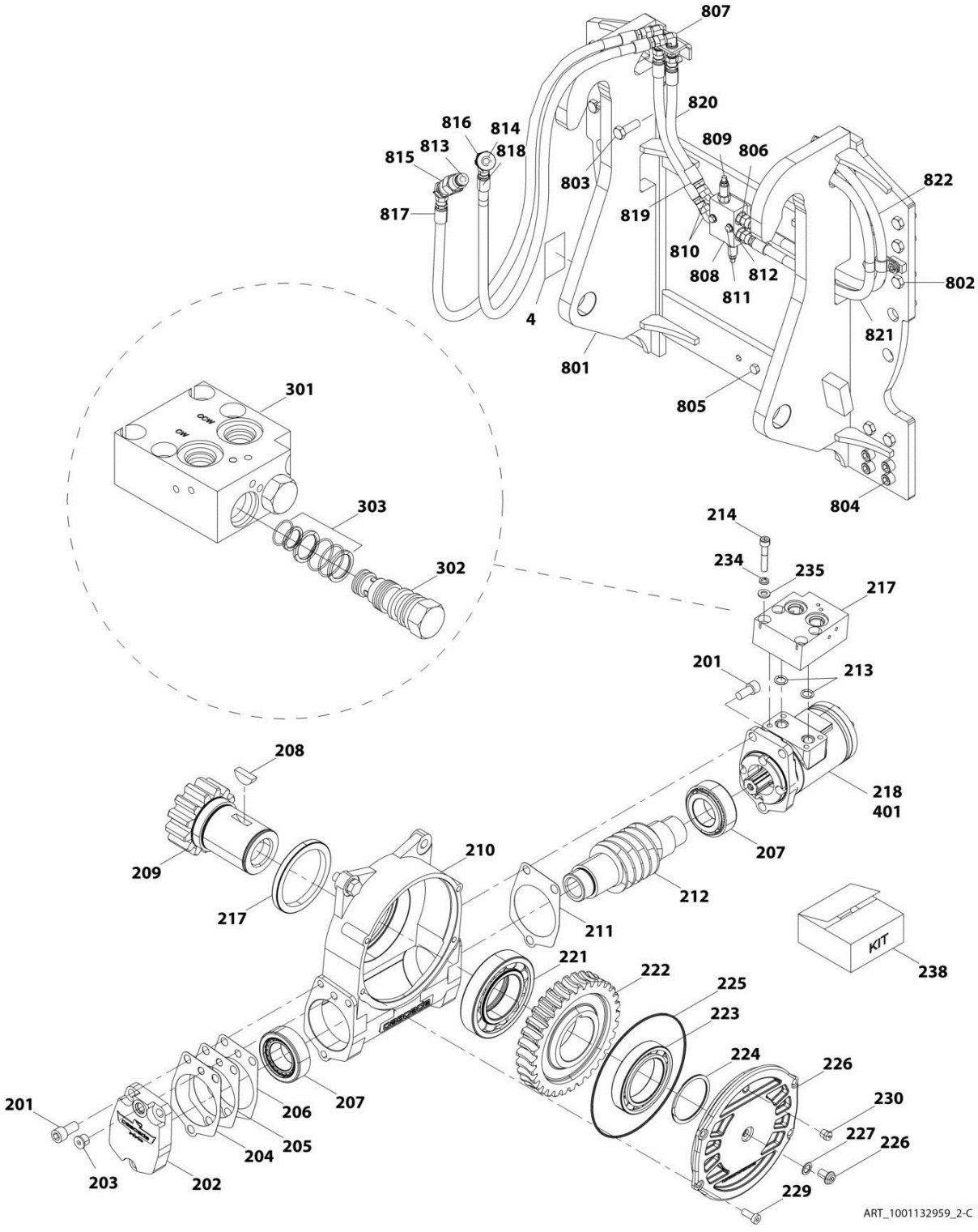
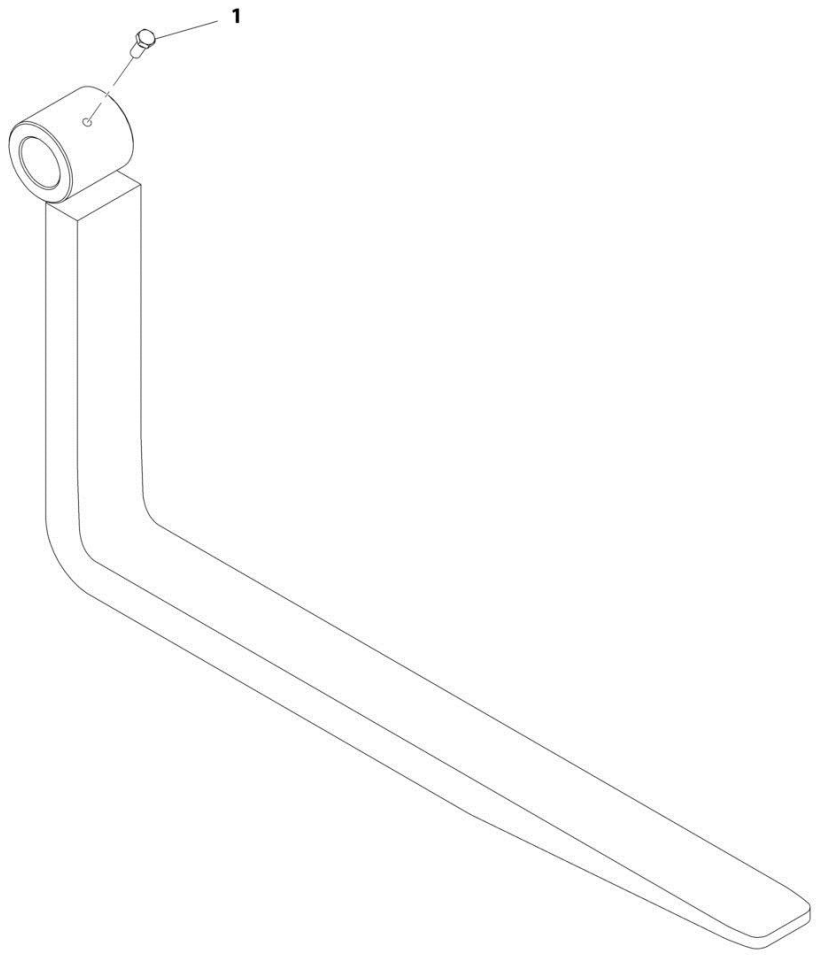

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ART_1001132959_2-C

FIGURE 3-14. 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 3-15. PALLET FORK (50X100X1070) (CE & AUS)



ART_1001170488-A

FIGURE 3-15. PALLET FORK (50X100X1070) (CE & AUS)

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 3-16. PALLET FORK (50X100X1220) (CE & AUS)

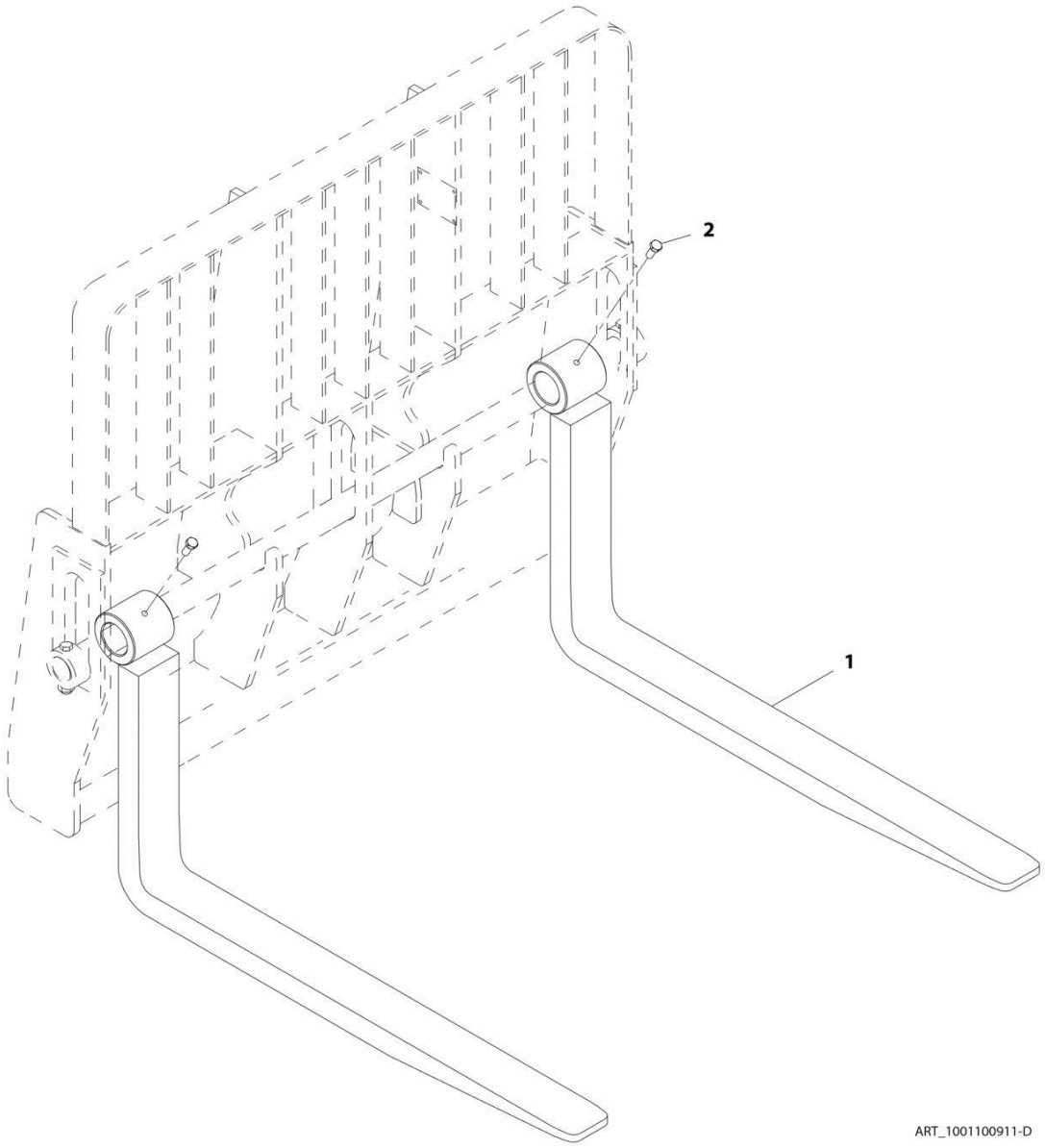


FIGURE 3-16. PALLET FORK (50X100X1220) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001100911	1 pr	Pallet Fork (50X100X1220)	D
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 3-17. PALLET FORK (50X120X1200) (CE)

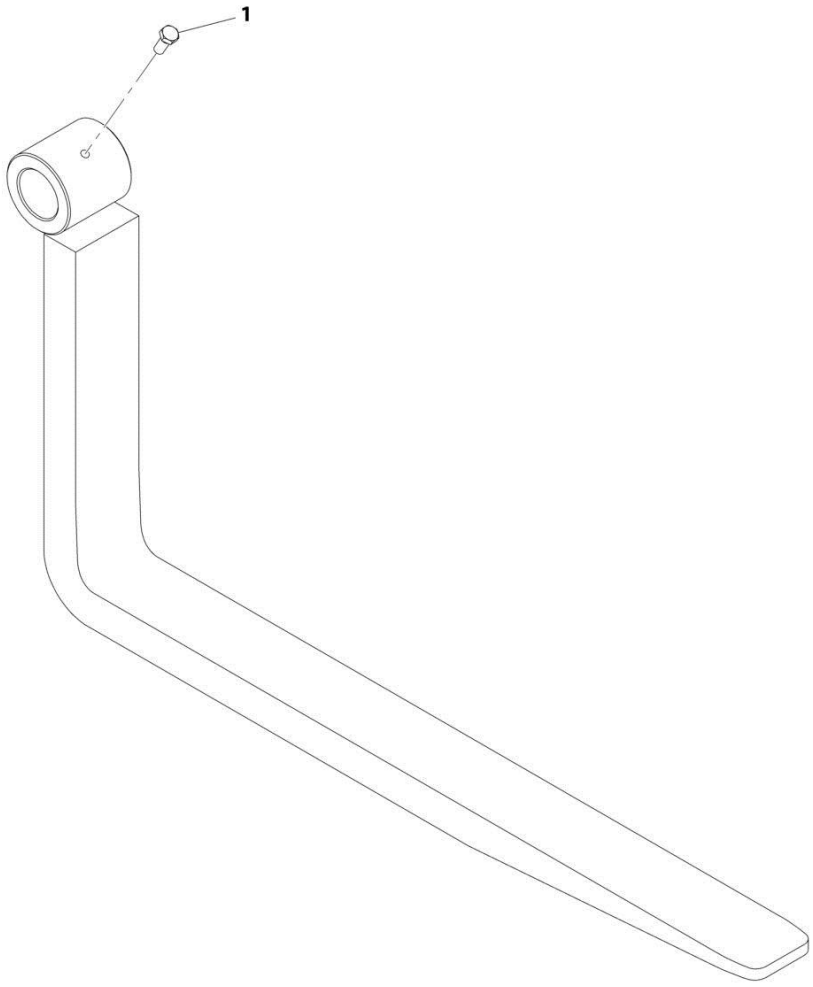


FIGURE 3-17. PALLET FORK (50X120X1200) (CE)

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 3-18. PALLET FORK (50X120X1200) (CE & AUS - IF EQUIPPED WITH 1170002)

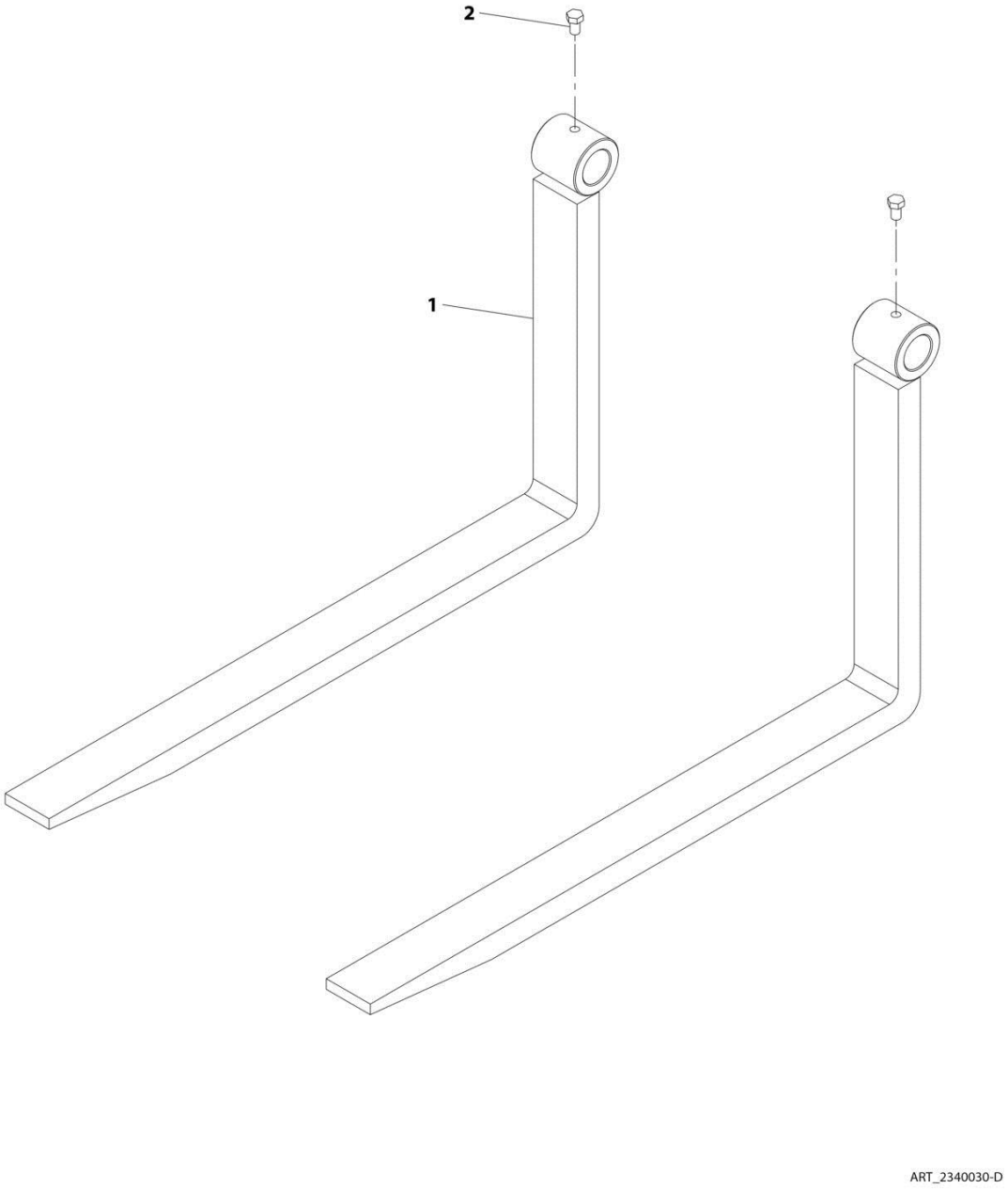
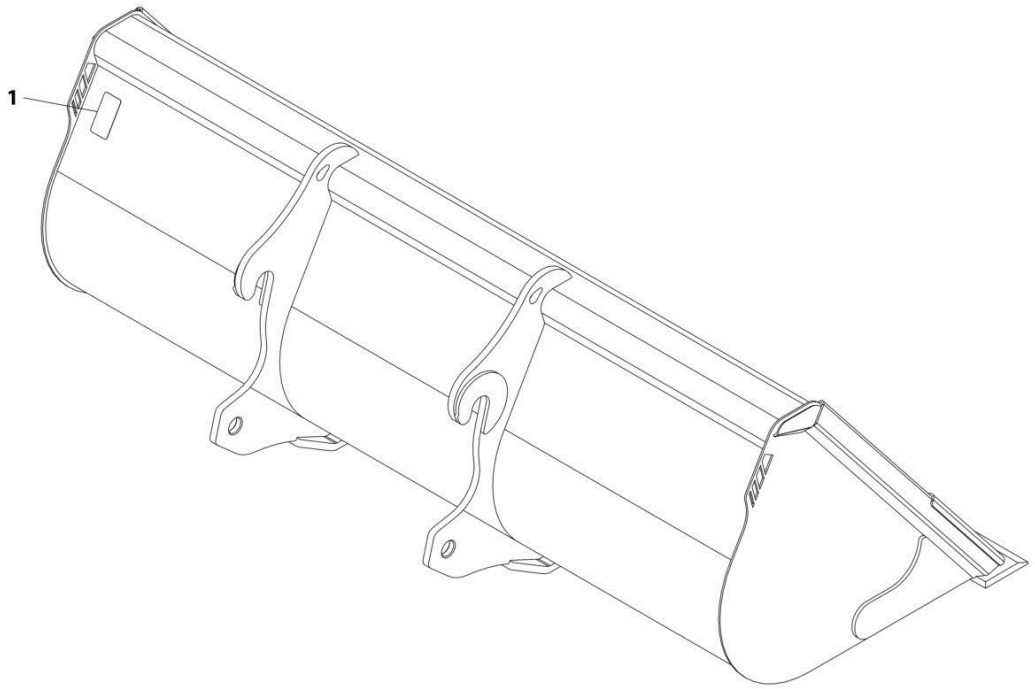


FIGURE 3-18. PALLET FORK (50X120X1200) (CE & AUS - IF EQUIPPED WITH 1170002)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340030	2 pr	Pallet Fork (50X120X1200)	D
2	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 3-19. BUCKET (1 M³) (CE & AUS)

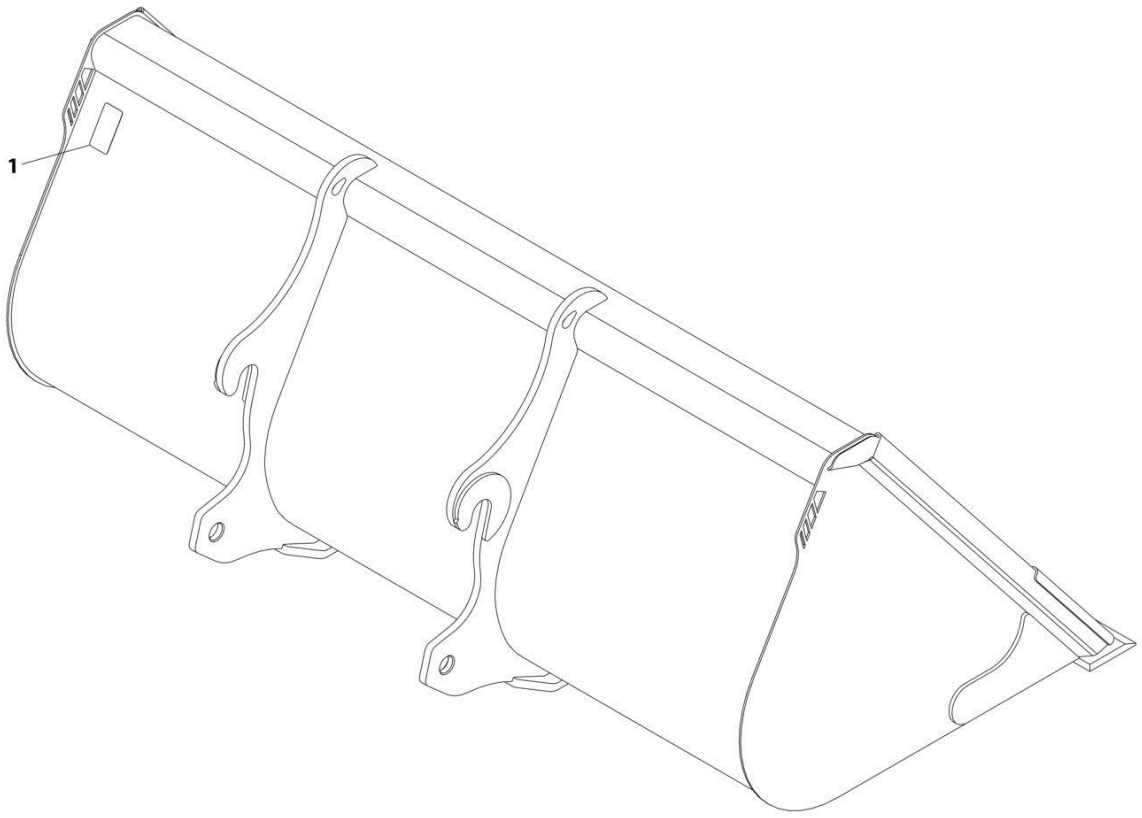


ART_1001215988-B

FIGURE 3-19. BUCKET (1 M³) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215988	1	Bucket (1 m³)	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-20. BUCKET (1.5 M³) (CE & AUS)

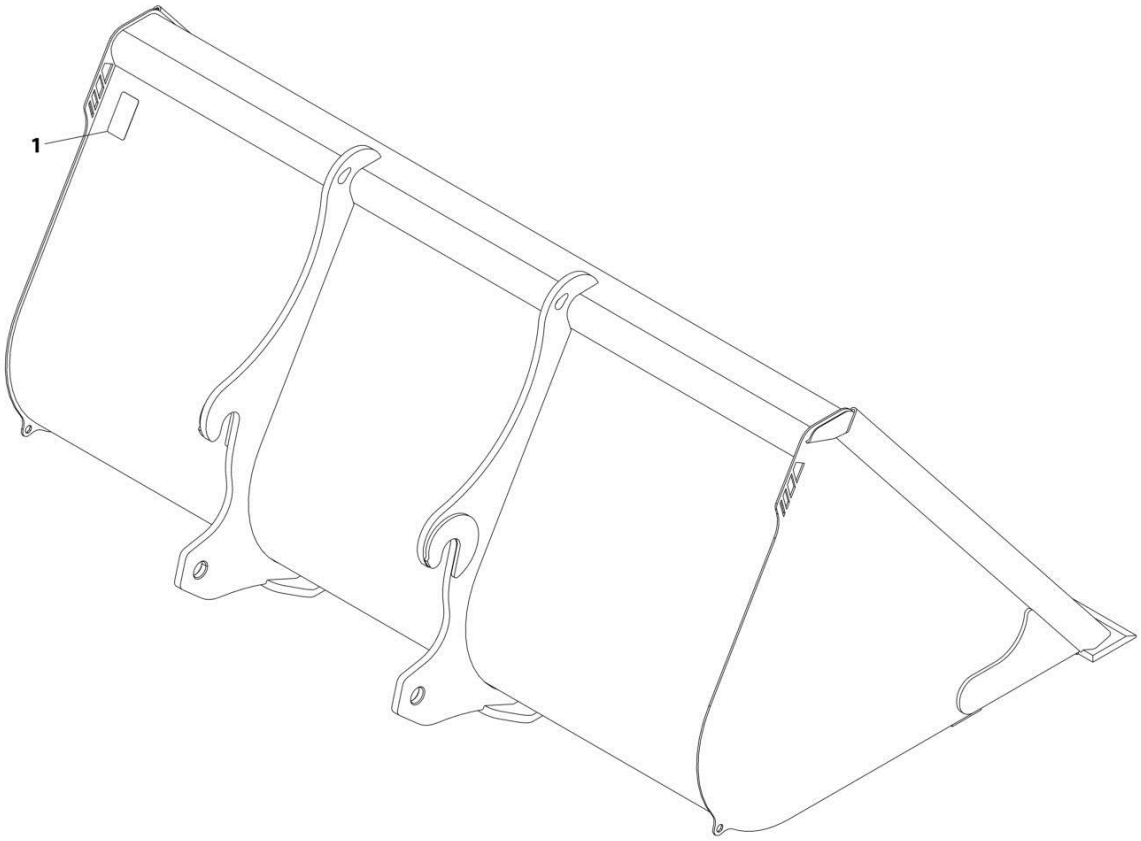


ART_1001215990-B

FIGURE 3-20. BUCKET (1.5 M³) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215990	1	Bucket (1.5 m³)	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-21. BUCKET (2 M³) (CE & AUS)

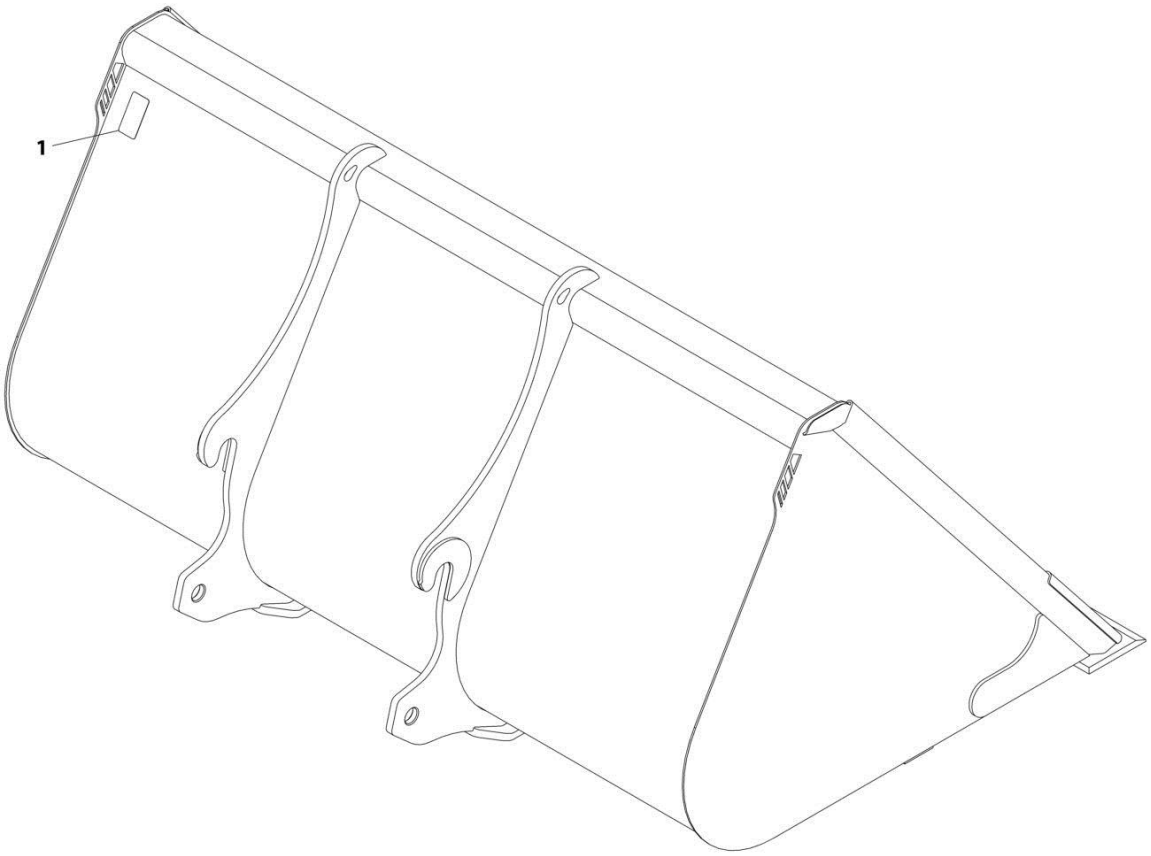


ART_1001215992-B

FIGURE 3-21. BUCKET (2 M³) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215992	1	Bucket (2 m³)	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-22. BUCKET (2.5 M³) (CE & AUS)

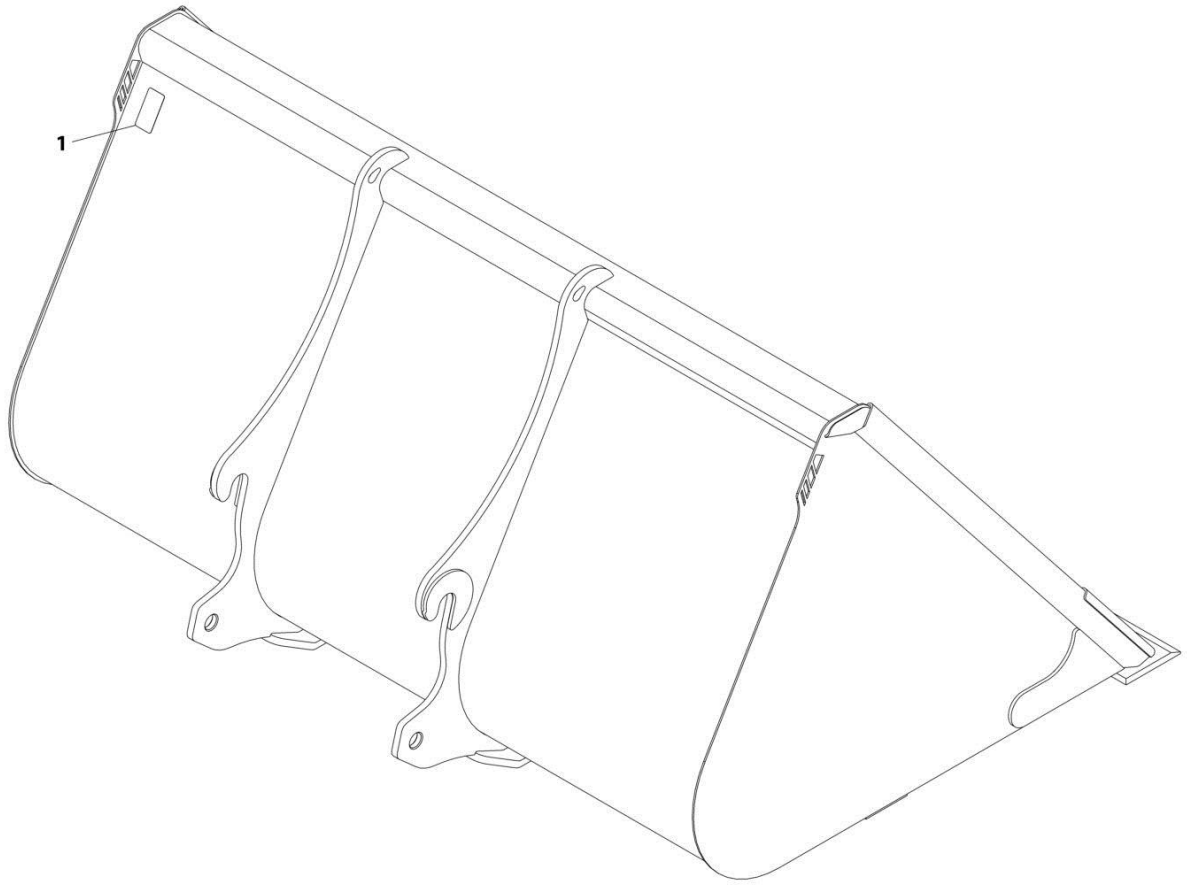


ART_1001215994-B

FIGURE 3-22. BUCKET (2.5 M³) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215994	1	Bucket (2.5 m³)	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-23. BUCKET (3 M³) (CE & AUS)

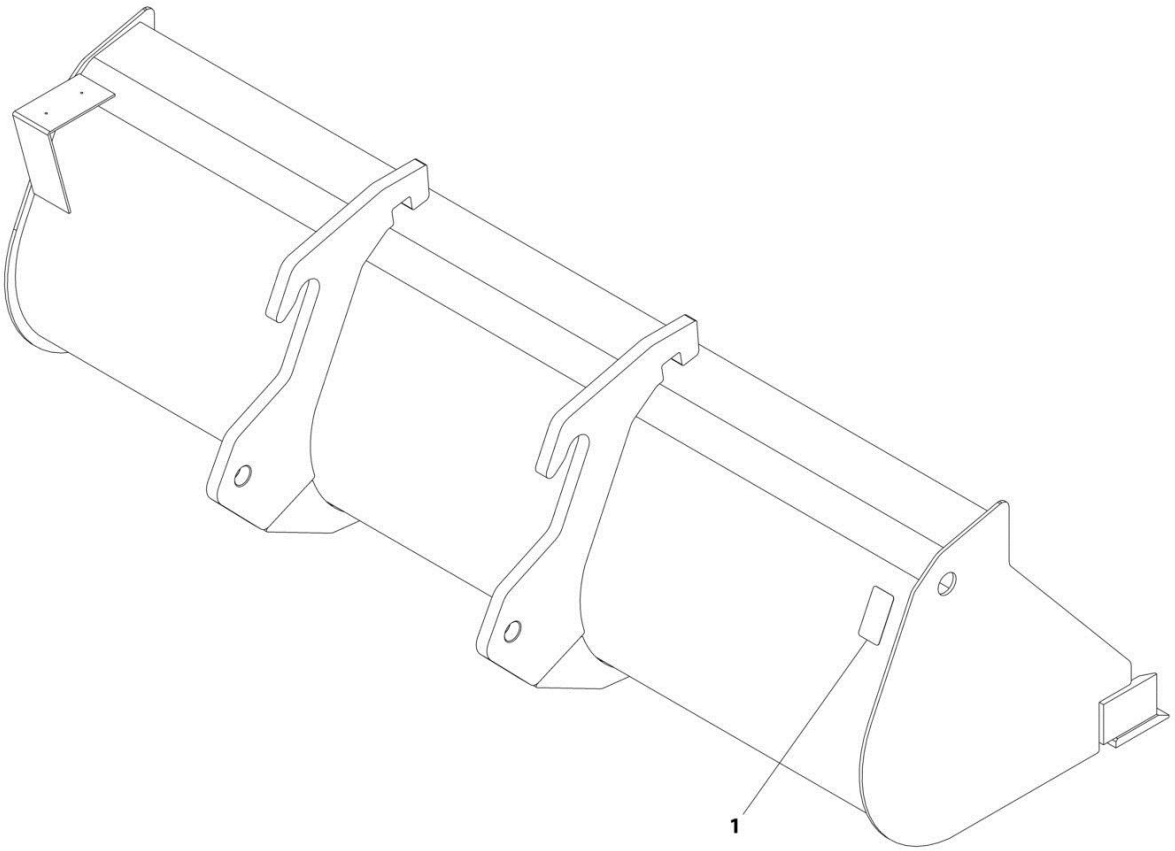


ART_1001215996-B

FIGURE 3-23. BUCKET (3 M³) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215996	1	Bucket (3 m³)	B
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-24. DIRT BUCKET (1.0 M³) (CE & AUS)



ART_1001197945-A

FIGURE 3-24. DIRT BUCKET (1.0 M³) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197945	1	Dig Bucket (1.0 m³)	A
1	N.S.S.	1	Plate, Serial Number	

FIGURE 3-25. 4 IN 1 BUCKET (0.6 M³) (CE & AUS)

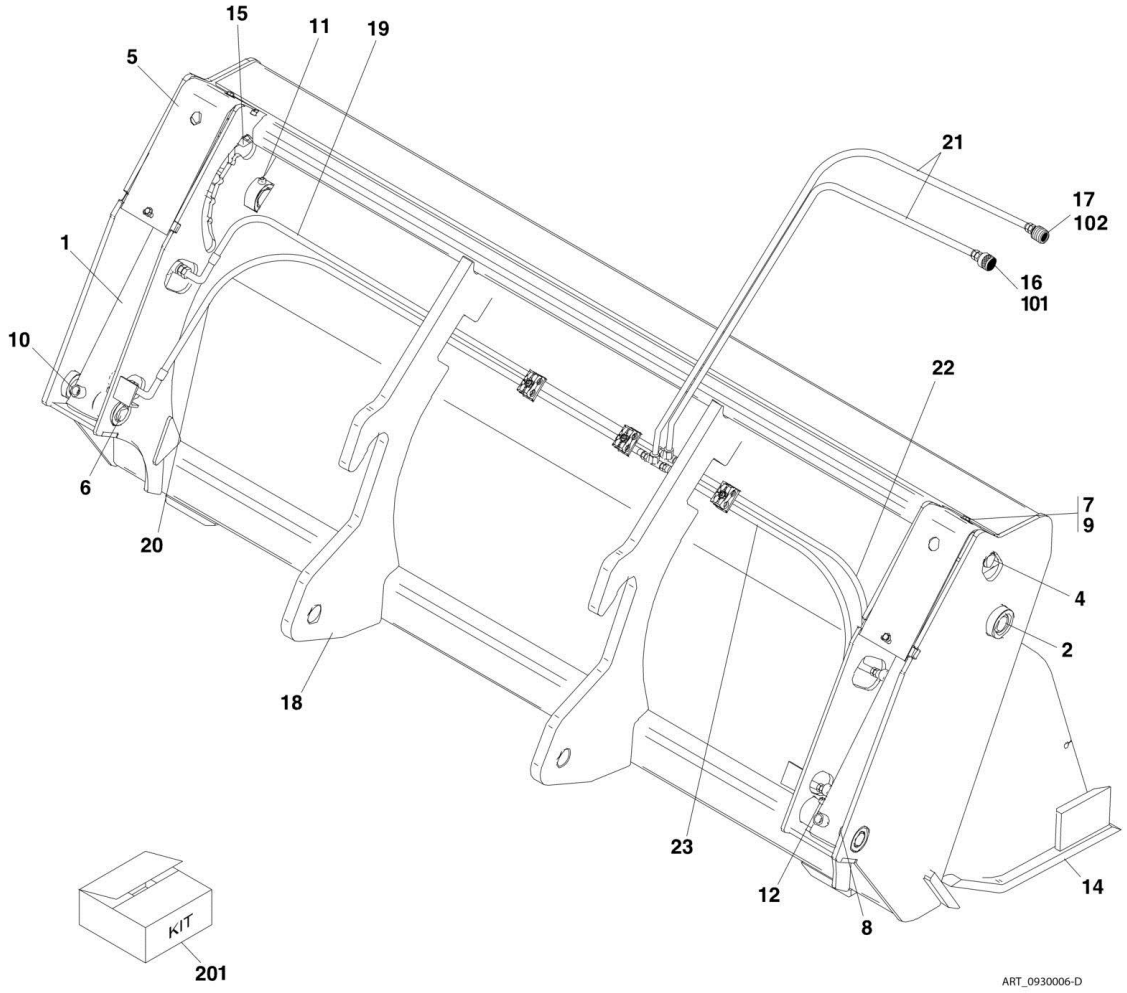


FIGURE 3-25. 4 IN 1 BUCKET (0.6 M³) (CE & AUS)

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. 4 IN 1 BUCKET (1.0 M³) (CE & AUS)

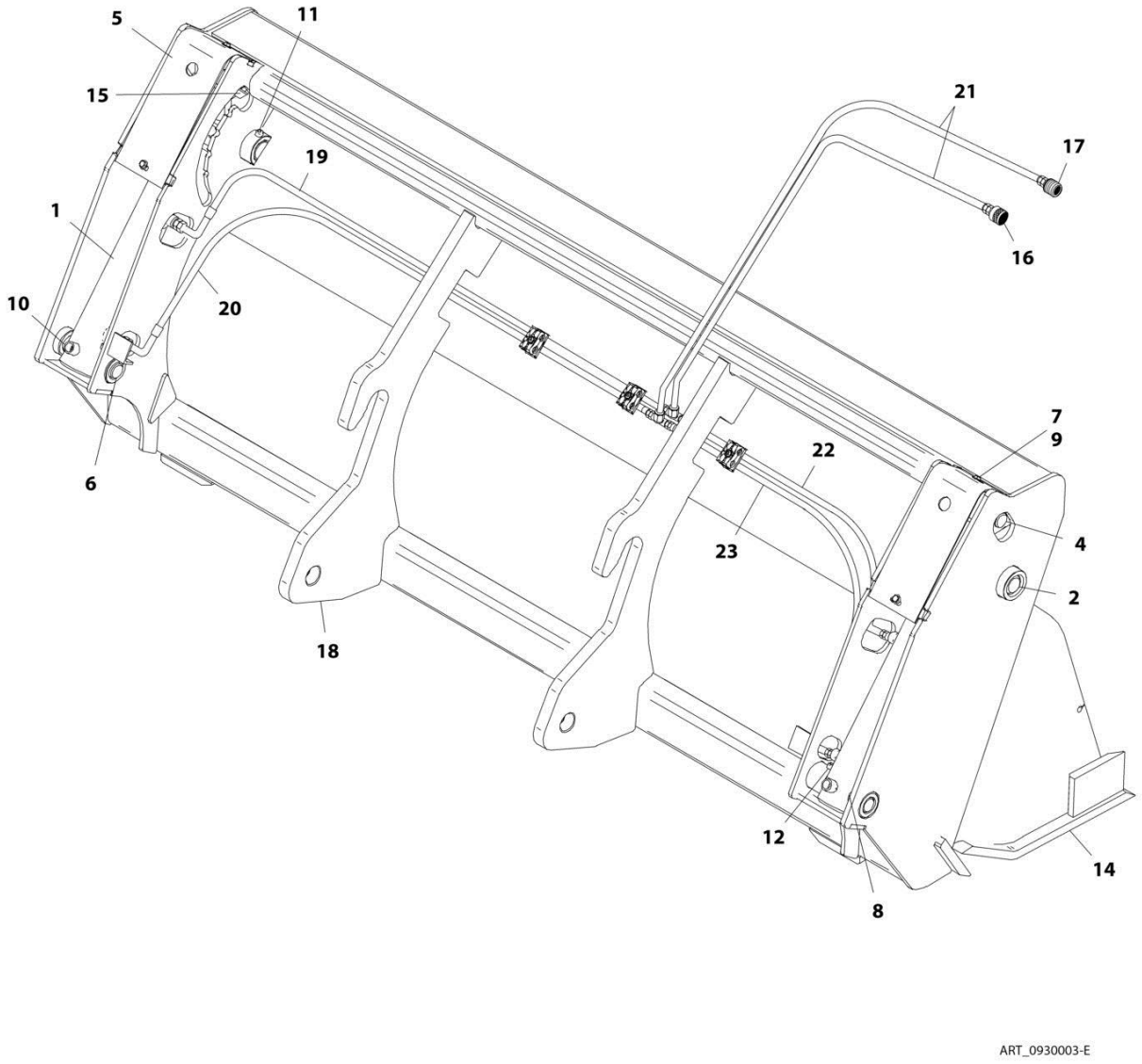


FIGURE 3-26. 4 IN 1 BUCKET (1.0 M³) (CE & AUS)

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

FIGURE 3-27. MULTI-PURPOSE GRAPPLE BUCKET (WIDE GRIP - 2450 MM) (CE & AUS)

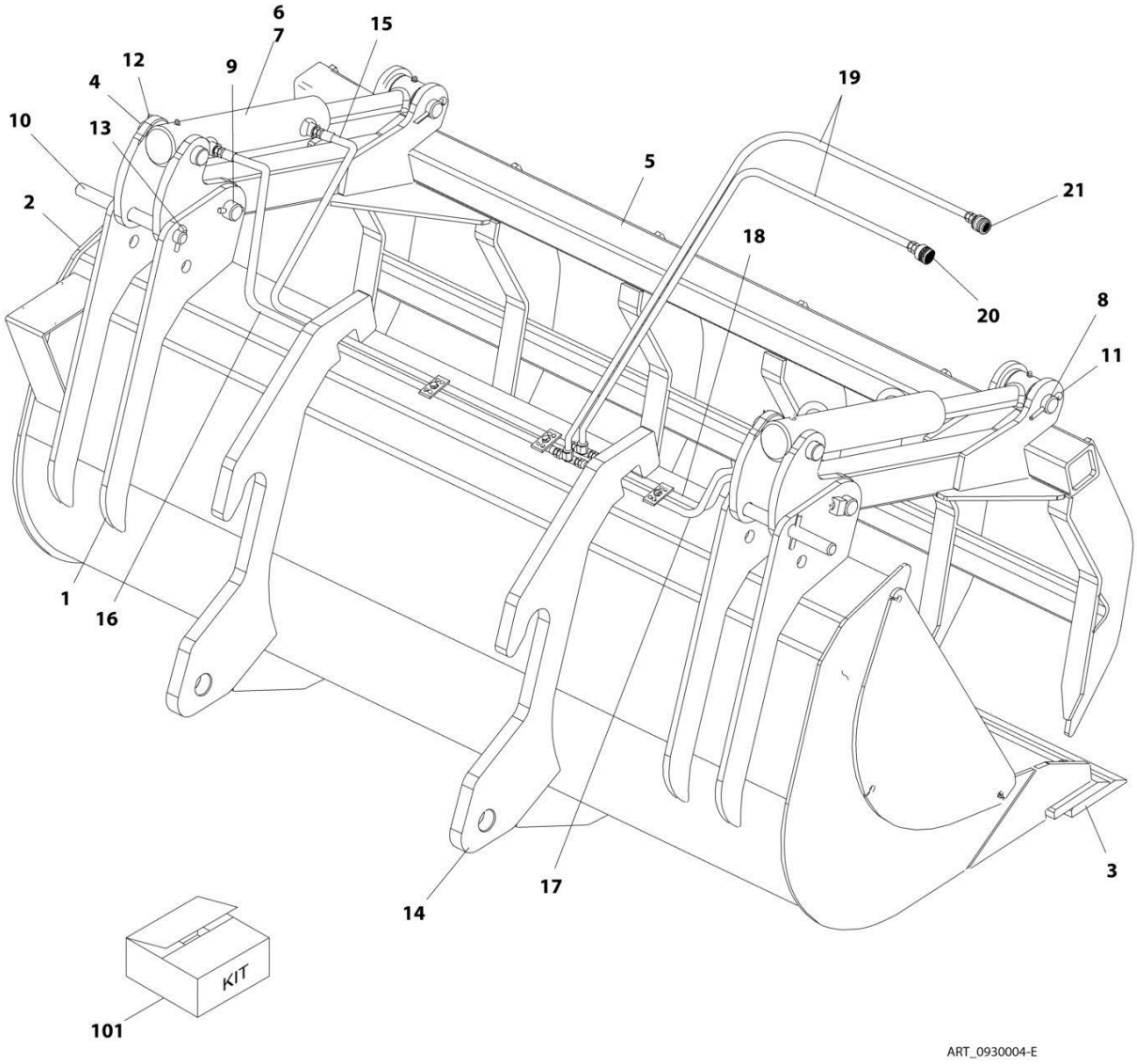


FIGURE 3-27. MULTI-PURPOSE GRAPPLE BUCKET (WIDE GRIP - 2450 MM) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930004	1	Multi-Purpose Grapple Bucket (Wide Grip - 2450 MM) (CE & AUS)	E
1	N.S.S.	1	Weldment	
2	7028133	1	Plate	
3	7028132	1	Assembly, Blade (includes blade and the following hardware)	
	7029356	8	Nut, Lock M16	
	70023484	8	Bolt, M16X60	
4	7028126	2	Bracket	
5	7028125	1	Grapple	
6	7028127	2	Cylinder, Tilt	
	7028910	AR	Kit, Seal	
7	7028131	6	Bushing	
8	7028128	2	Pin	
9	7028129	2	Pin, Locking	
10	7028130	2	Pin	
11	7028135	4	Pin, Roll	
12	7028134	8	Pin, Roll	
13	7029124	2	Circlip	
14	7029749	1	Assembly, Connecting	
15	7028986	1	Hose	
16	7028987	1	Hose	
17	7028988	1	Hose	
18	7028989	1	Hose	
19	7028984	2	Hose	
20	1001094555	1	Coupler, Female	
21	1001094556	1	Coupler, Male	
101	Kit	1	Kit	

FIGURE 3-28. MANURE GRAPPLE BUCKET (CE & AUS)

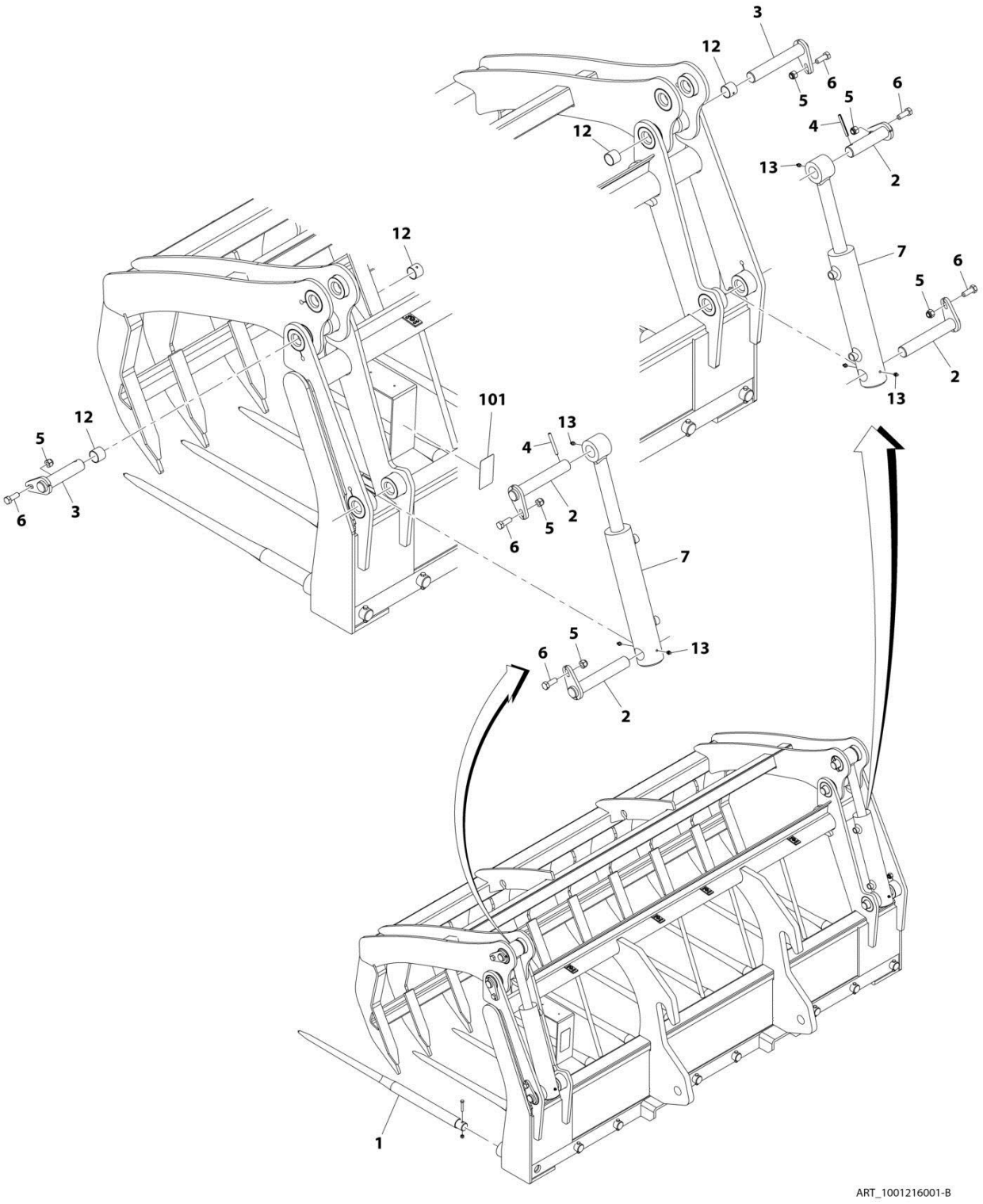
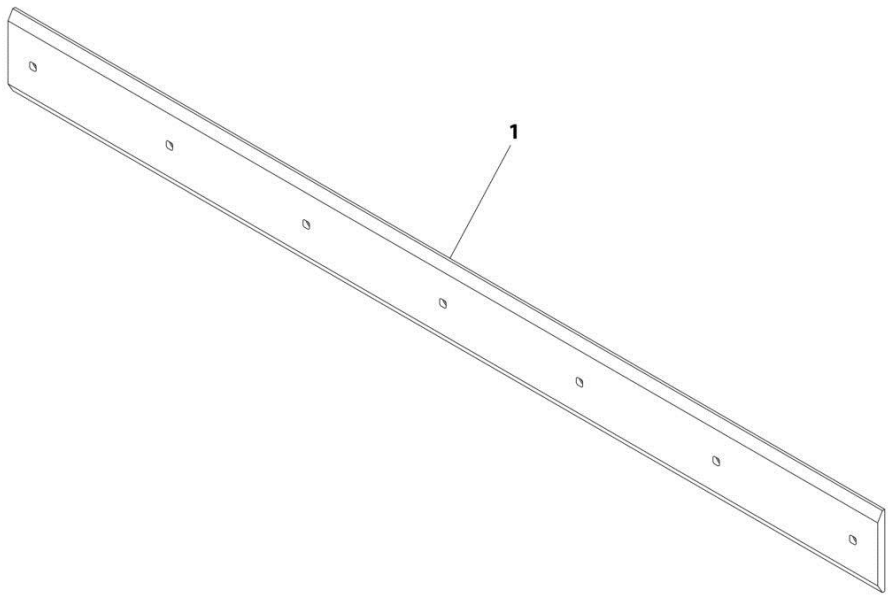


FIGURE 3-28. MANURE GRAPPLE BUCKET (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216001	1	Manure Grapple Bucket (2300 MM)	B
1	70027302	10	Right Electro-Forged Fingers	
2	70027294	4	Pin	
3	70027293	2	Pin	
4	70027298	2	Roll Pin	
5	70027296	6	Nut	
6	70027297	6	Screw	
7	7028127	2	Cylinder	
8	70027325	1	Hose (not shown)	
9	7028988	1	Hose (not shown)	
10	70027326	1	Hose (not shown)	
11	7028986	1	Hose (not shown)	
12	7028131	10	Bush	
13	7028918	6	Grease Nipple	
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-29. BOLT-ON EDGE (2450 MM)



ART_70020392-A

FIGURE 3-29. BOLT-ON EDGE (2450 MM)

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

FIGURE 3-30. BUCKET GUARD

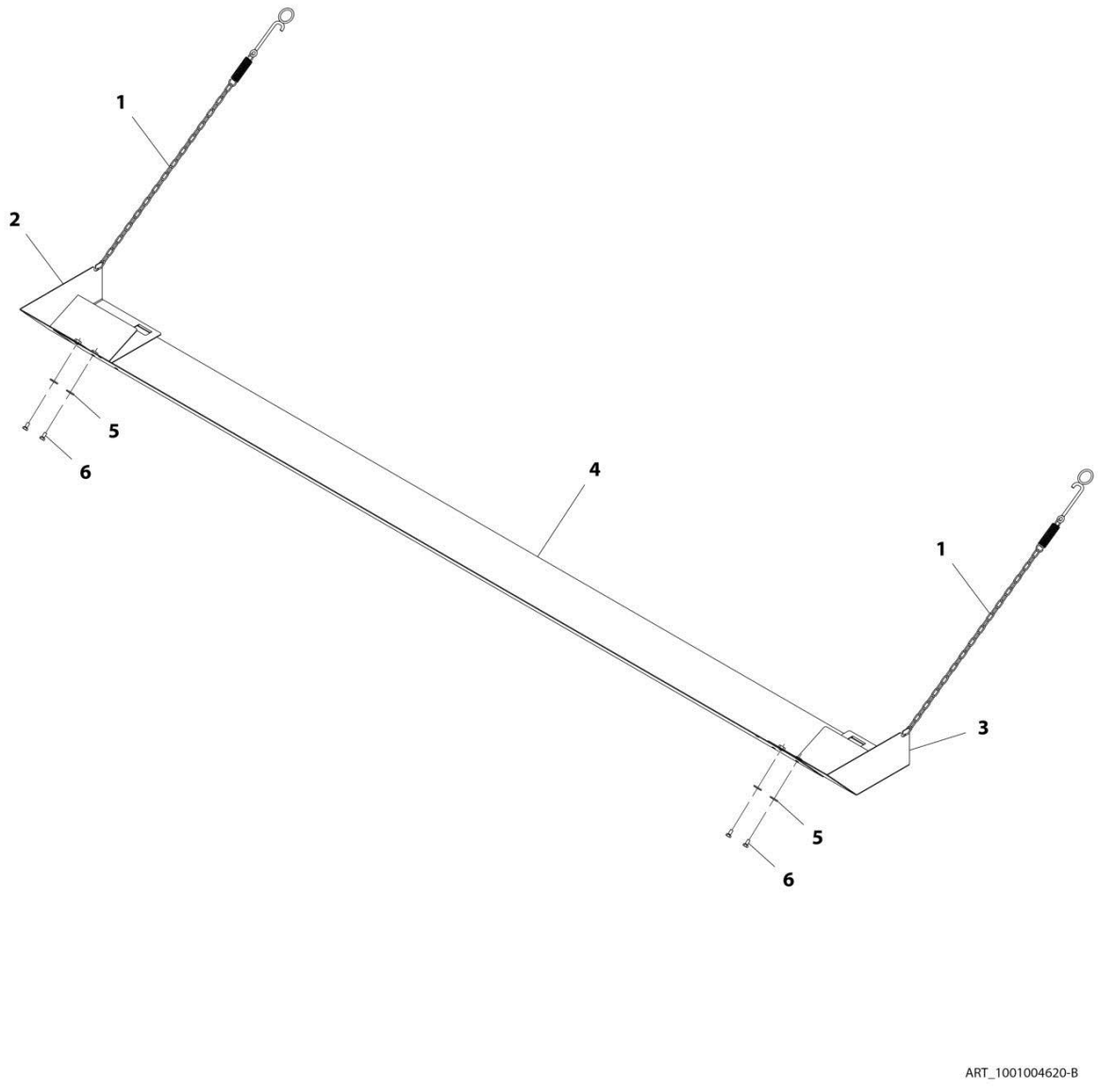


FIGURE 3-30. BUCKET GUARD

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 3-31. BUCKET TEETH KIT

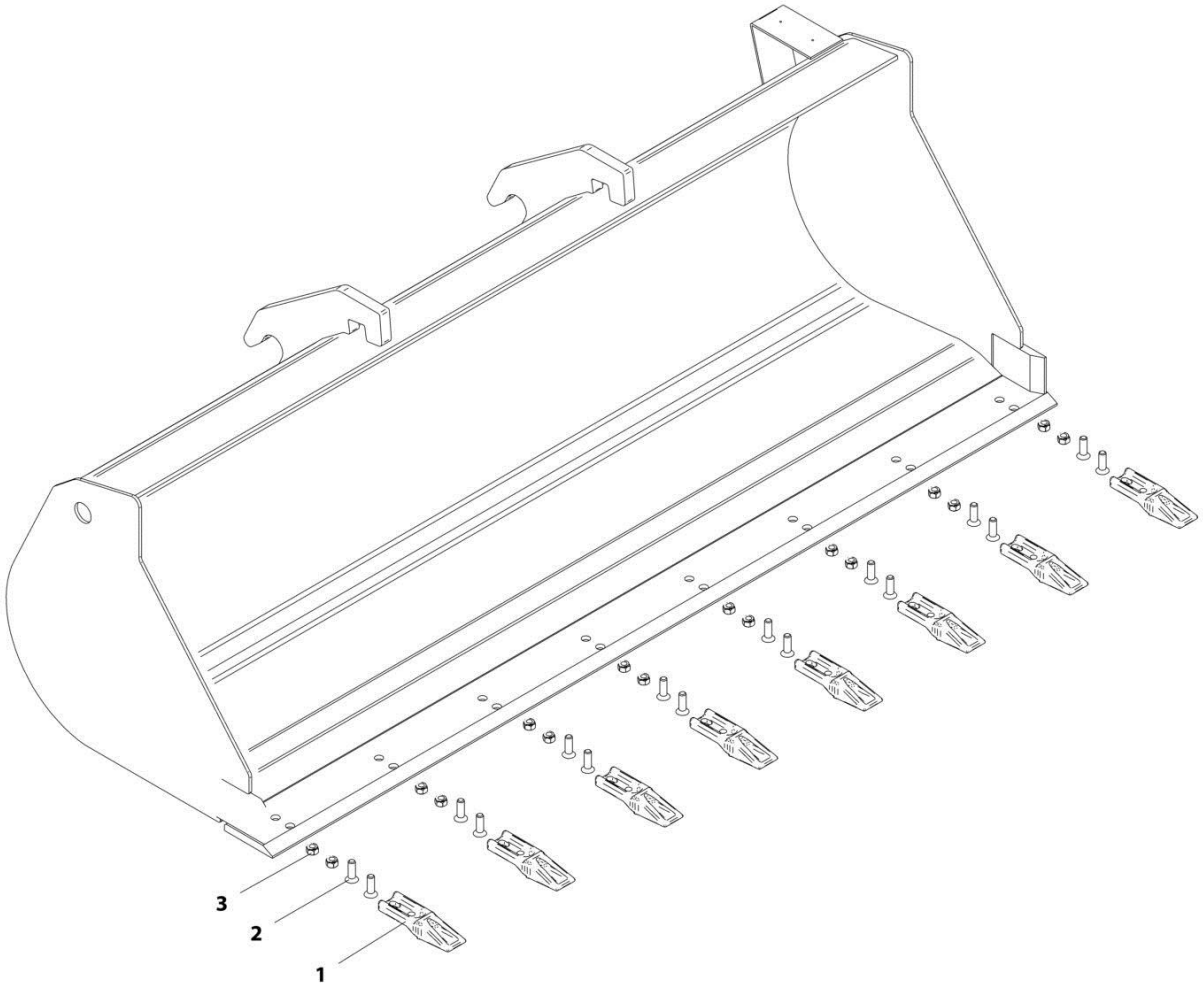


FIGURE 3-31. BUCKET TEETH KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196751	1	Bucket Teeth Kit	A
1	Kit	8	Tooth	
2	Kit	16	Screw	
3	Kit	16	Nut	

FIGURE 3-32. BALE HANDLER KIT (SPIKES) (CE & AUS)

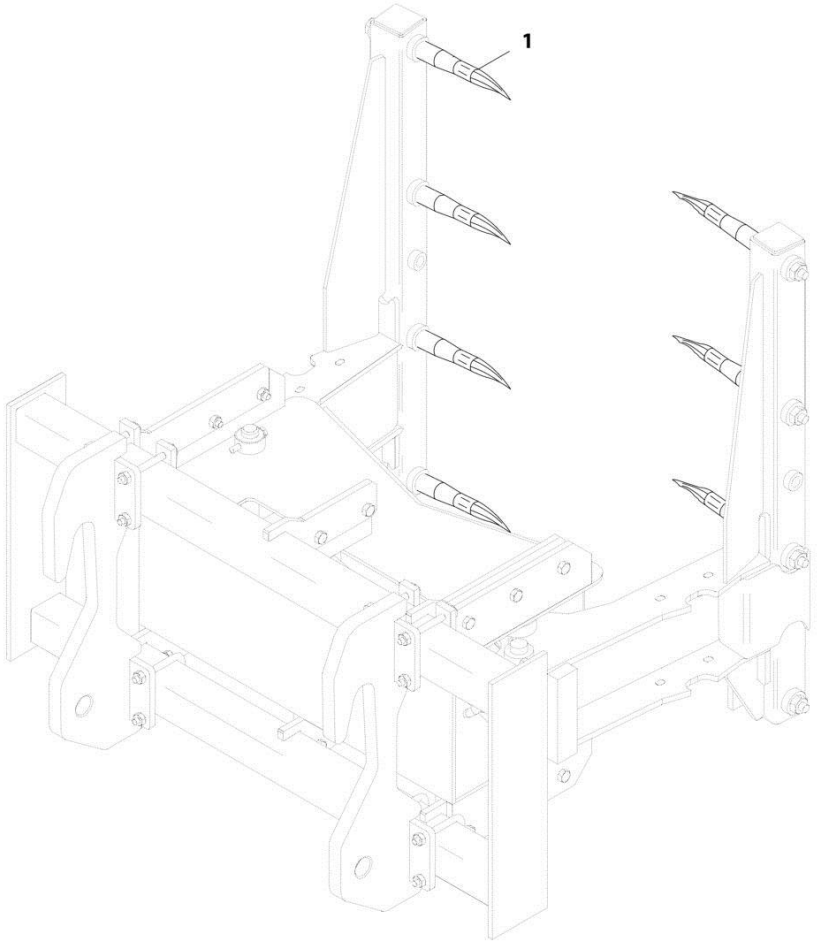


FIGURE 3-32. BALE HANDLER KIT (SPIKES) (CE & AUS)

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

FIGURE 3-33. BALE HANDLER KIT (SPIKES TO TUBE) (CE & AUS)

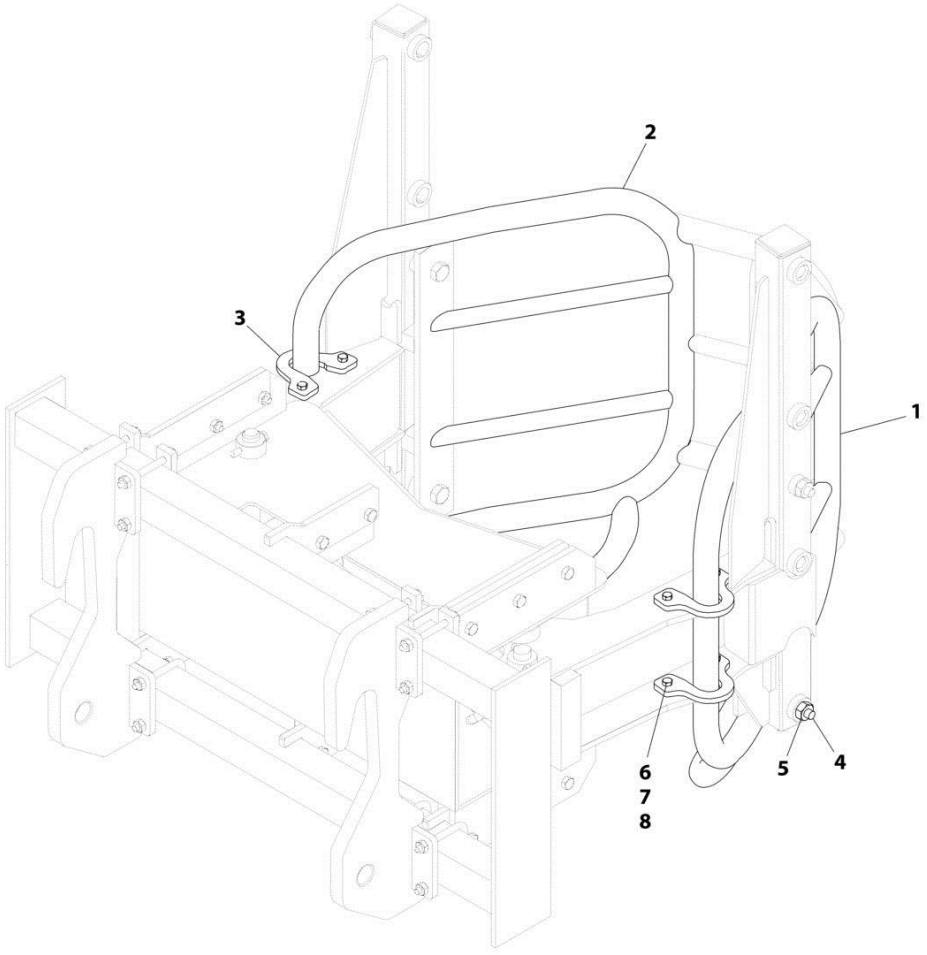


FIGURE 3-33. BALE HANDLER KIT (SPIKES TO TUBE) (CE & AUS)

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 3-34. TRUSS BOOM (4 TON - 2.1M) (CE & AUS)

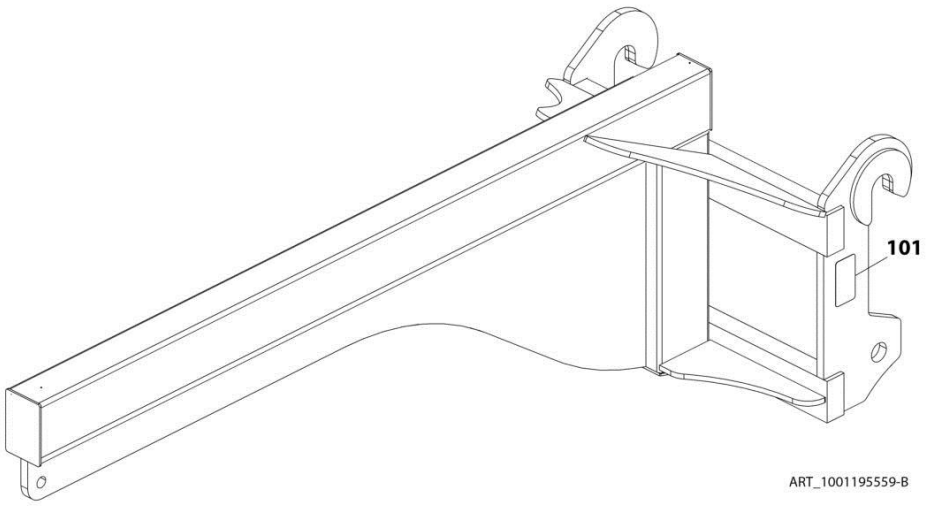


FIGURE 3-34. TRUSS BOOM (4 TON - 2.1M) (CE & AUS)

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

FIGURE 3-35. TRUSS BOOM (1 TON - 3.4M) (CE & AUS)

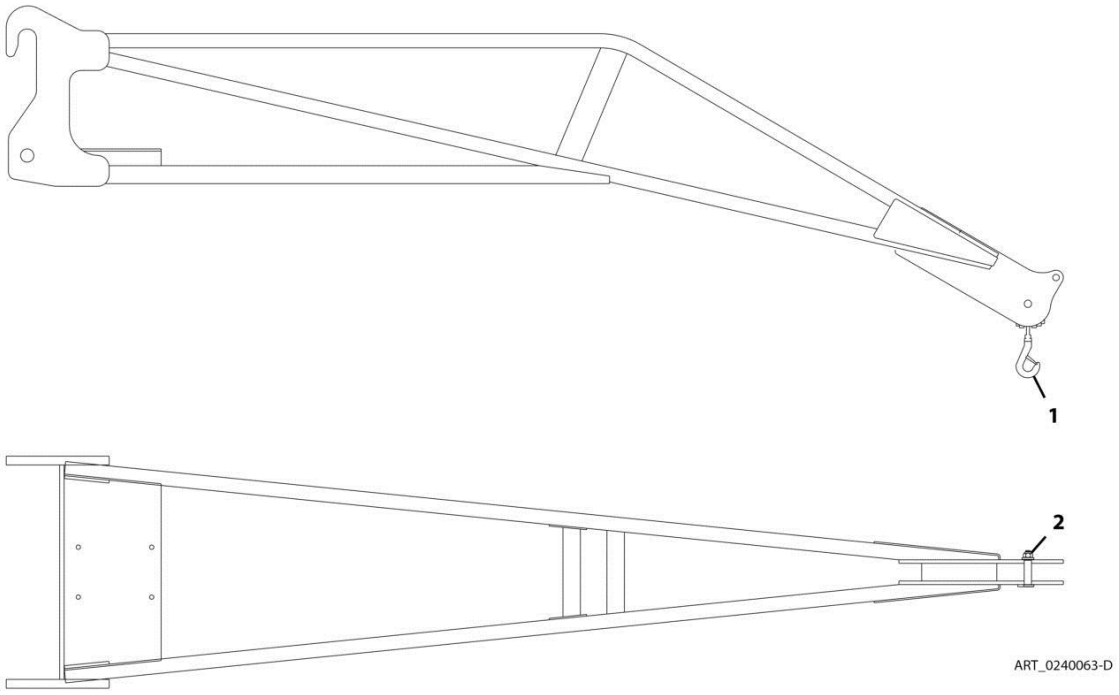


FIGURE 3-35. TRUSS BOOM (1 TON - 3.4M) (CE & AUS)

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

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

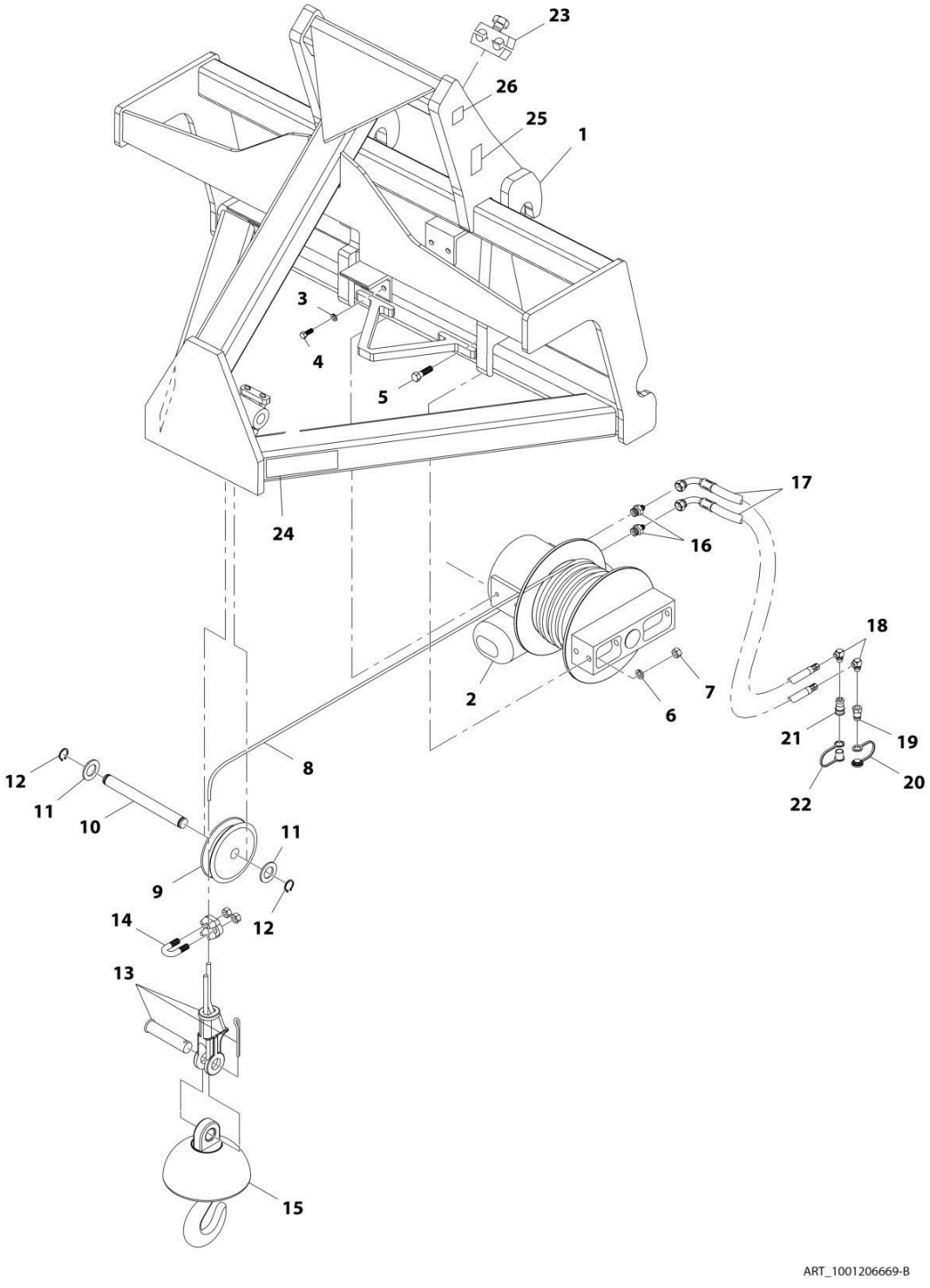


FIGURE 3-36. TRUSS BOOM (1.8 TON - 3 FT WITH WINCH) (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206669	1	Truss Boom (1.8 Ton - 3 FT with Winch)	B
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 3-37. TRUSS BOOM (0.9 TON - 12 FT WITH WINCH) (CE)

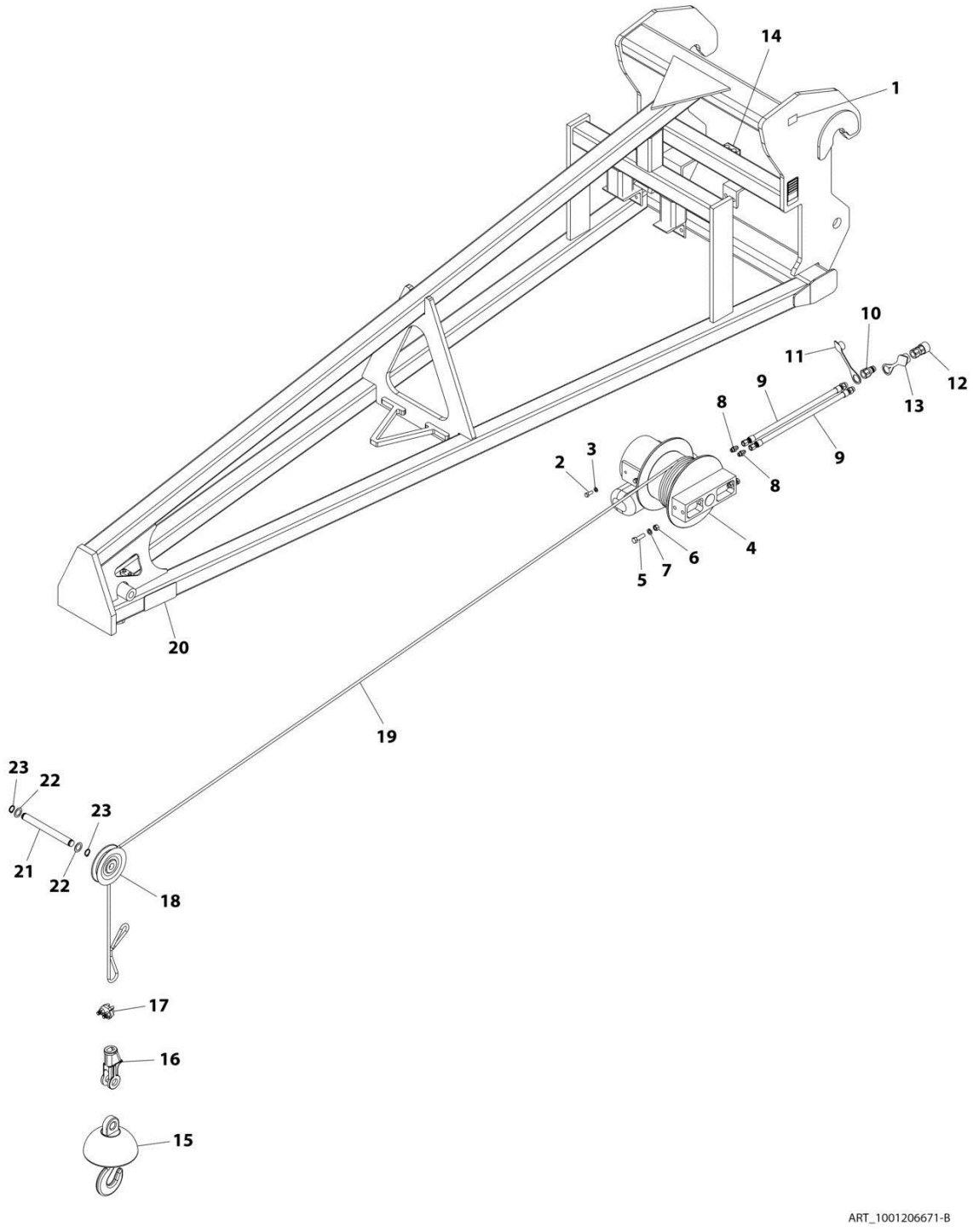


FIGURE 3-37. TRUSS BOOM (0.9 TON - 12 FT WITH WINCH) (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206671	1	Truss Boom (1.8 Ton - 3 FT with Winch)	B
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 3-38. CRANE HOOK (CE & AUS)

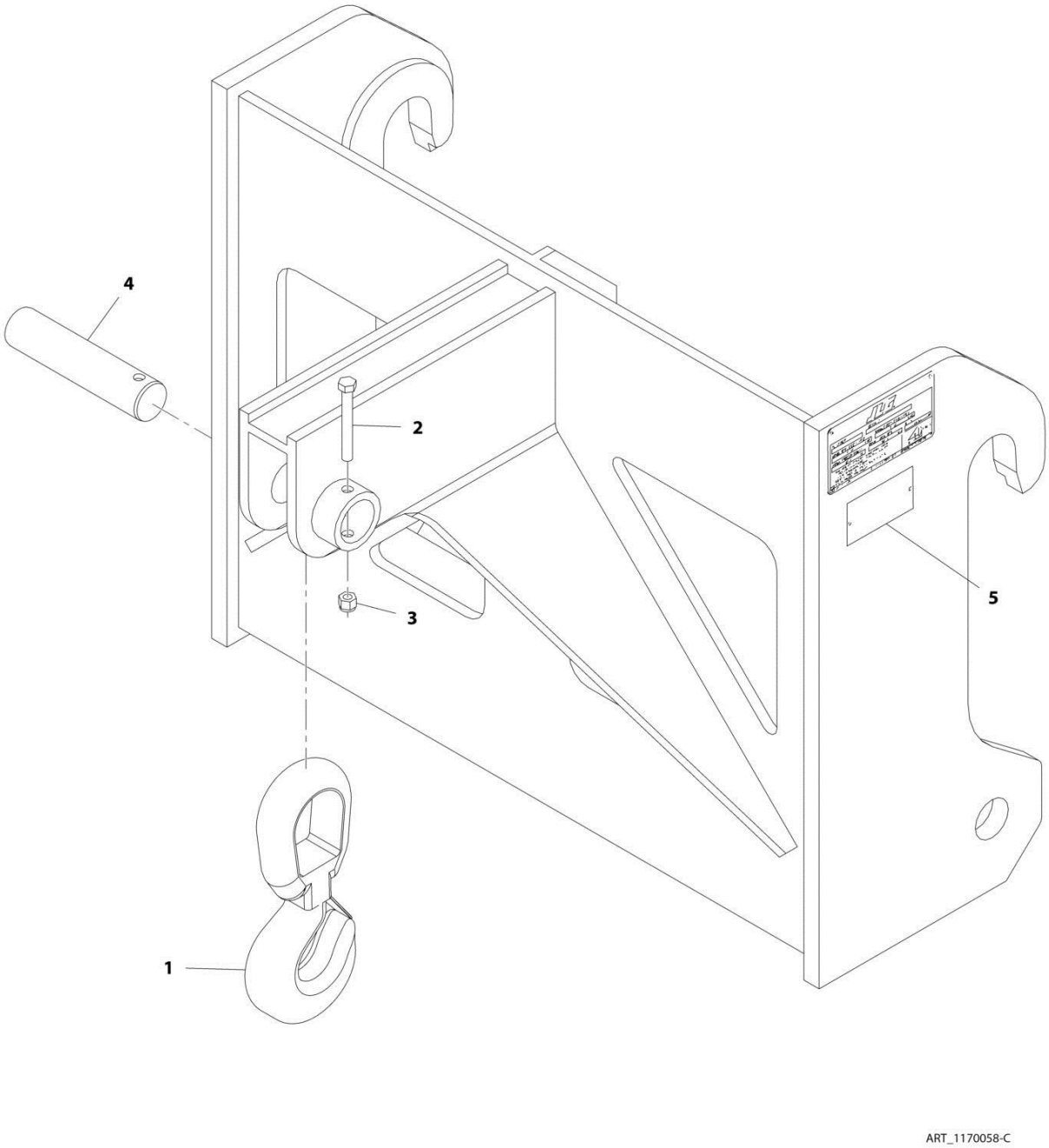


FIGURE 3-38. CRANE HOOK (CE & AUS)

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 3-39. FORK MOUNTED HOOK (4 TON) (CE)

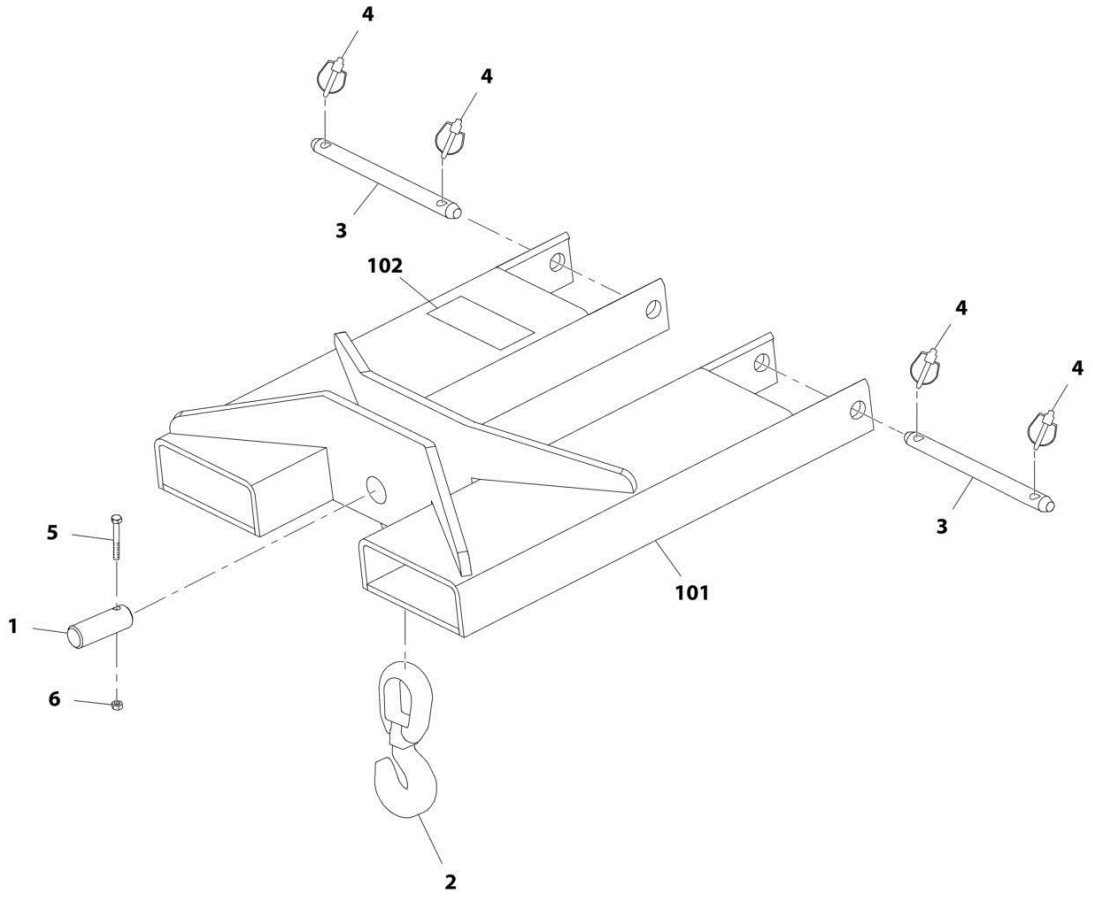


FIGURE 3-39. FORK MOUNTED HOOK (4 TON) (CE)

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

FIGURE 3-40. BALE HANDLER (TUBE CLAMP) (CE & AUS)

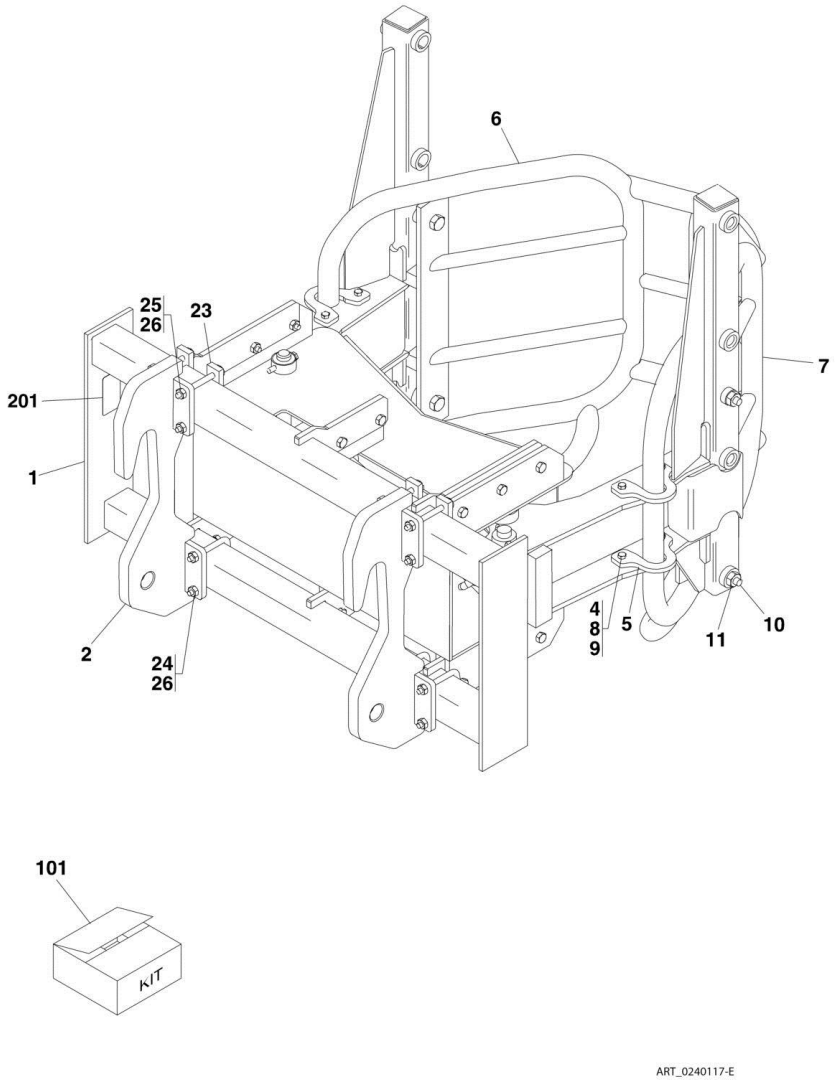


FIGURE 3-40. BALE HANDLER (TUBE CLAMP) (CE & AUS)

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 3-41. BALE HANDLER (SPIKE CLAMP) (CE & AUS)

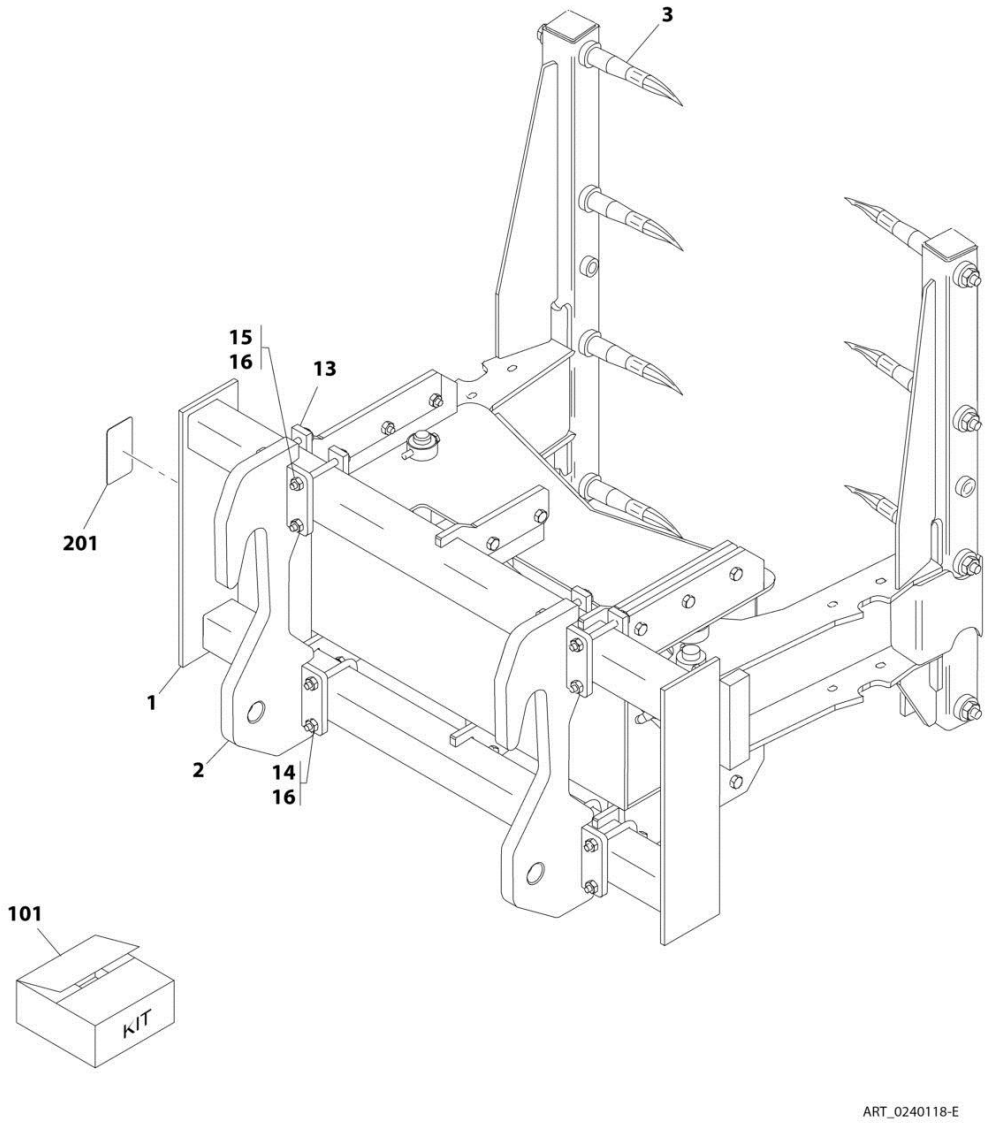


FIGURE 3-41. BALE HANDLER (SPIKE CLAMP) (CE & AUS)

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 3-42. MUCK FORK AND GRAB (CE & AUS)

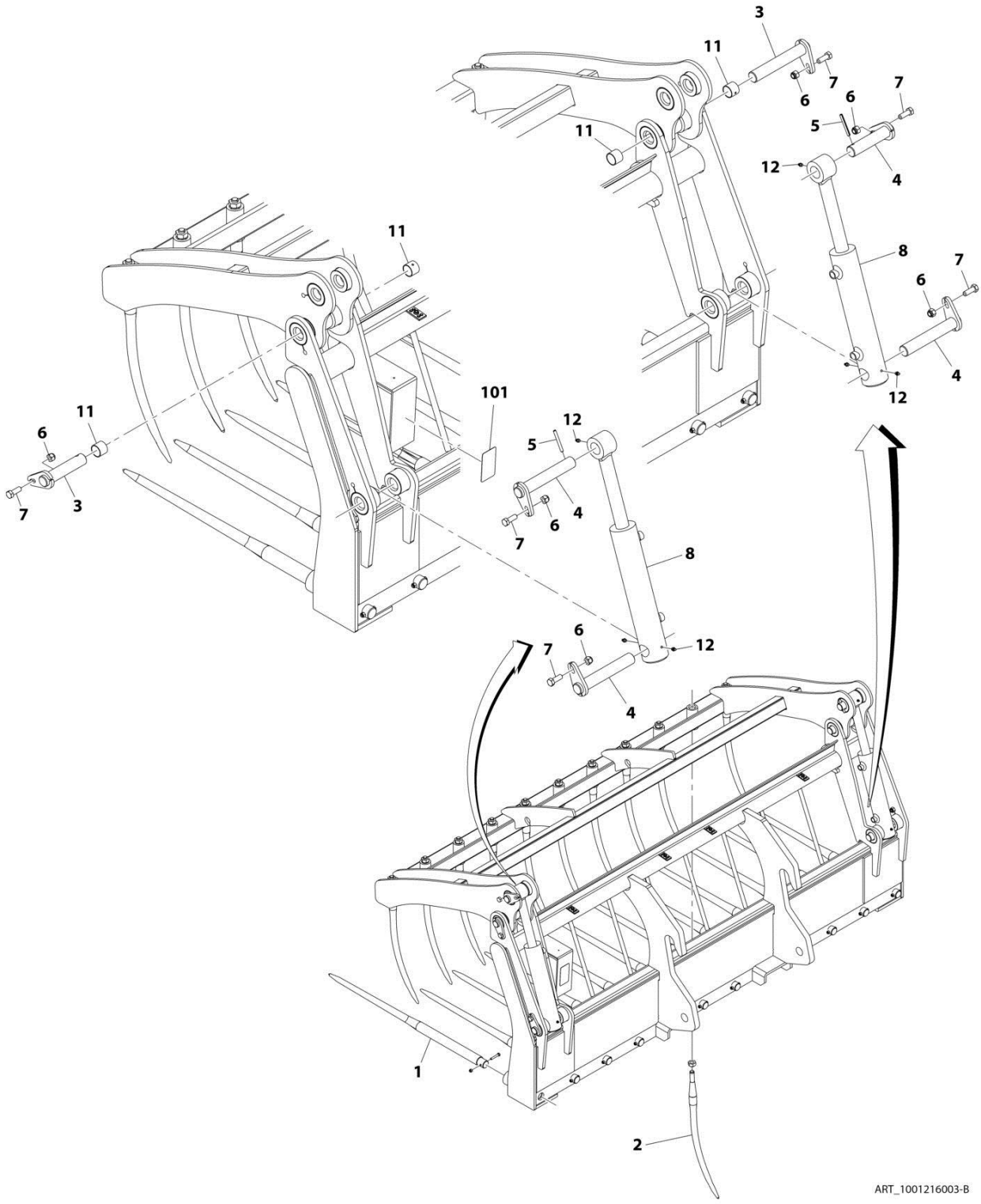


FIGURE 3-42. MUCK FORK AND GRAB (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216003	1	Muck Fork and Grab (2450MM)	B
1	70027302	12	Right Electro-Forged Fingers	
2	70027324	11	Curved Electro-Forged Fingers	
3	70027293	2	Pin	
4	70027294	4	Pin	
5	70027298	2	Roll Pin	
6	70027296	6	Nut	
7	70027297	6	Screw	
8	7028127	2	Cylinder	
9	70027295	2	Hose (not shown)	
10	70028436	2	Hose (not shown)	
11	7028131	10	Ring	
12	7028918	6	Grease Nipple	
101	N.S.S.	1	Plate, Serial Number	

FIGURE 3-43. CONCRETE BUCKET (CE)

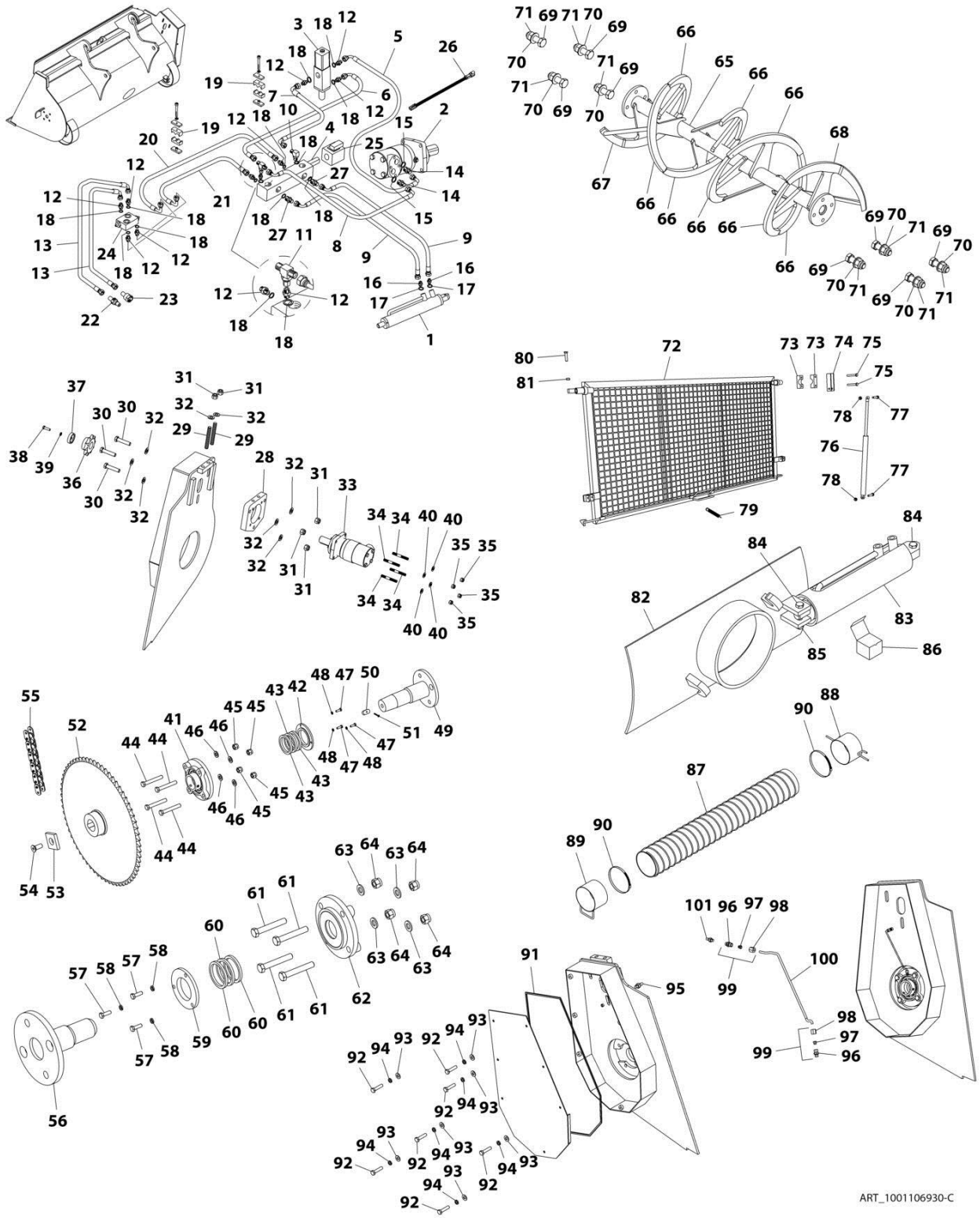


FIGURE 3-43. CONCRETE BUCKET (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001106930	1	Concrete Bucket	C
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	

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 3-44. AUGER (COUPLER MOUNTED) (CE & AUS)

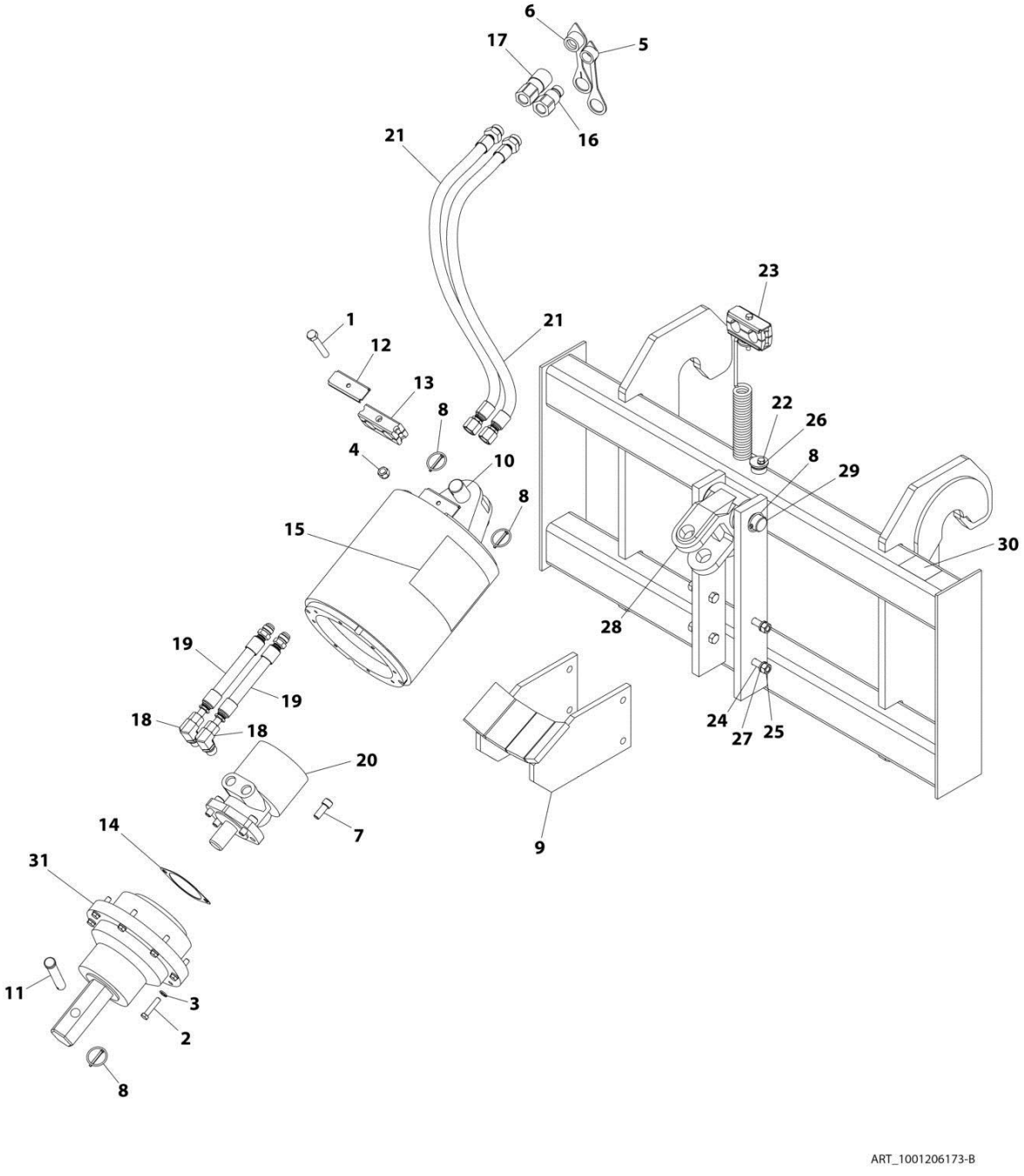


FIGURE 3-44. AUGER (COUPLER MOUNTED) (CE & AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206173	1	Auger (Coupler Mounted)	B
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 3-45. FORK EXTENSION (50X100X1910) (CE)

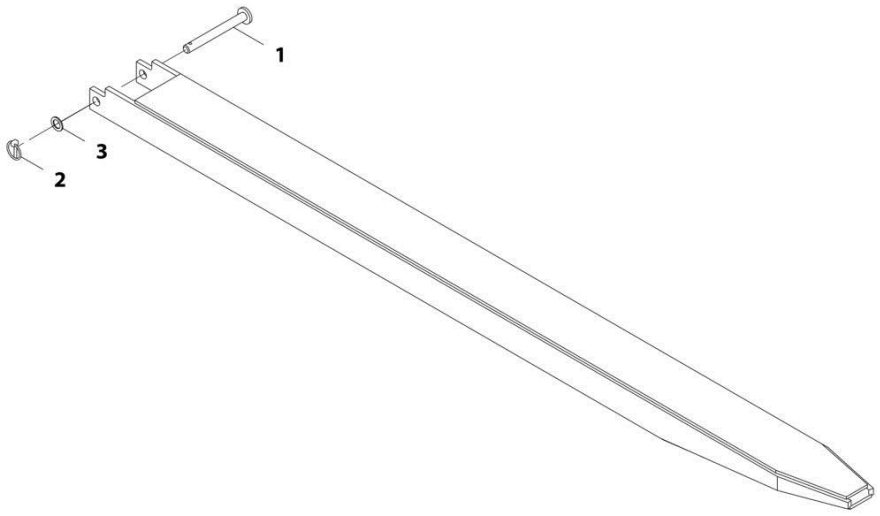
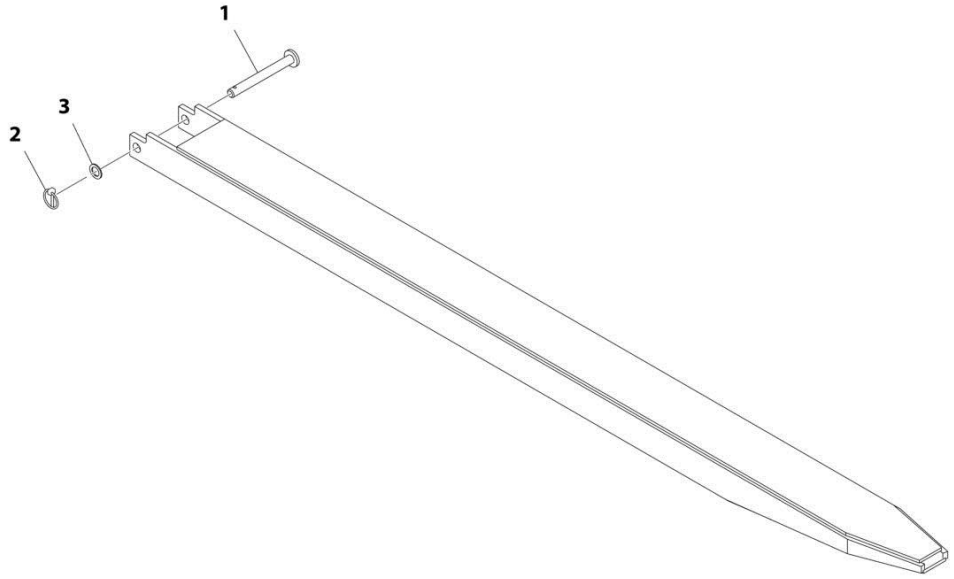


FIGURE 3-45. FORK EXTENSION (50X100X1910) (CE)

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 3-46. FORK EXTENSIONS (60X100X1920) (AUS)



ART_1001112560-B

FIGURE 3-46. FORK EXTENSIONS (60X100X1920) (AUS)

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 3-47. FORK TRANSPORT LATCHES INSTALLATION

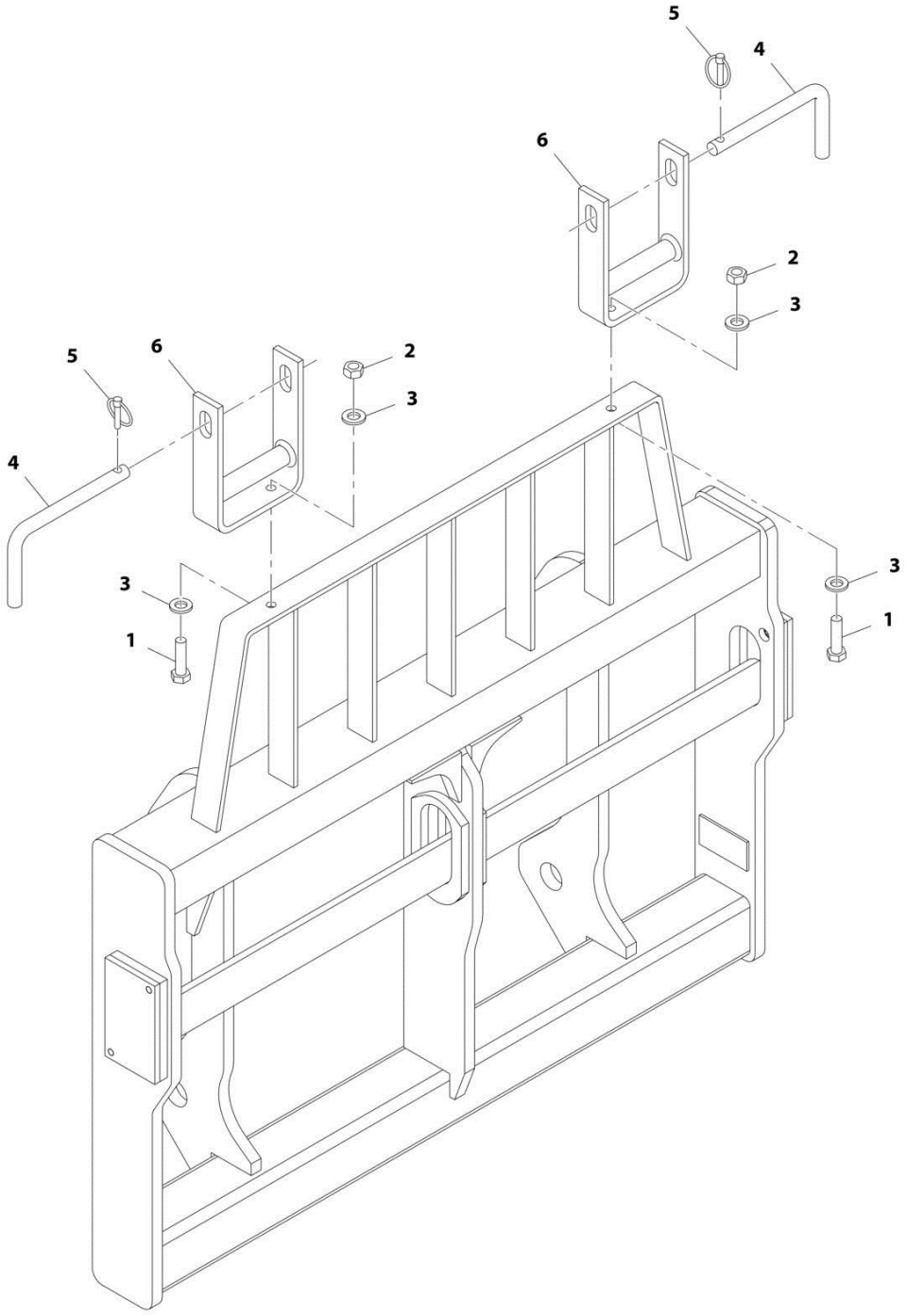
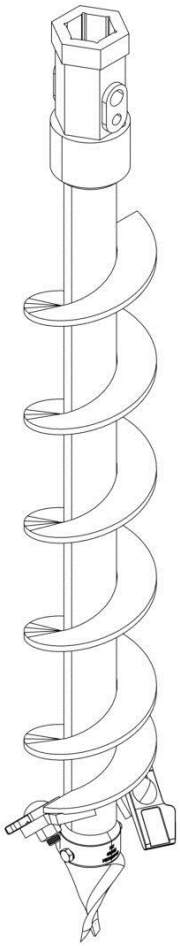


FIGURE 3-47. FORK TRANSPORT LATCHES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221644	Ref	Fork Transport Latches Installation	A
1	0701217	2	Bolt, M12X45	
2	3291201	2	Nut, M12X1.75	
3	5241200	4	Washer, M12	
4	1001100262	2	Pin	
5	1001109387	2	Pin	
6	1001152259	2	Bracket	

FIGURE 3-48. AUGER BIT (6INX4IN)

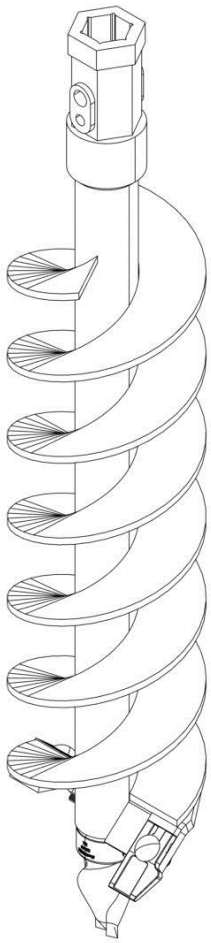


ART_1001204128-B

FIGURE 3-48. AUGER BIT (6INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204128	Ref	Auger Bit (6INX4IN)	B

FIGURE 3-49. AUGER BIT (9INX4IN)

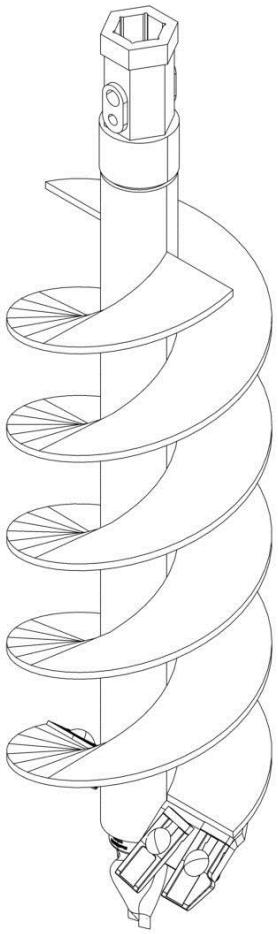


ART_1001204129-B

FIGURE 3-49. AUGER BIT (9INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204129	Ref	Auger Bit (9INX4IN)	B

FIGURE 3-50. AUGER BIT (12INX4IN)

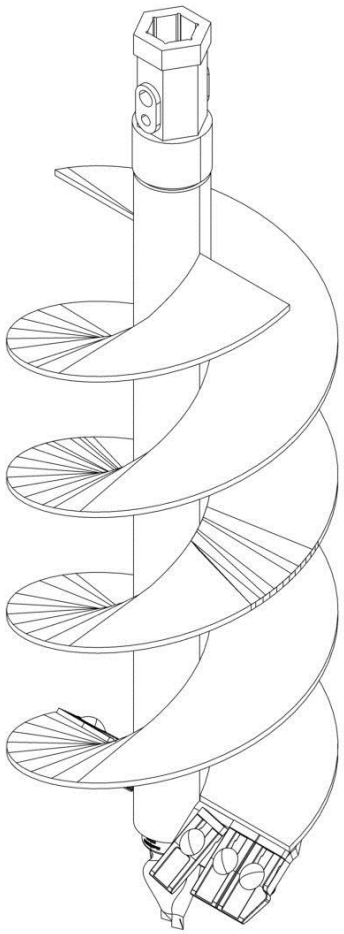


ART_1001204130-B

FIGURE 3-50. AUGER BIT (12INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204130	Ref	Auger Bit (12INX4IN)	B

FIGURE 3-51. AUGER BIT (15INX4IN)

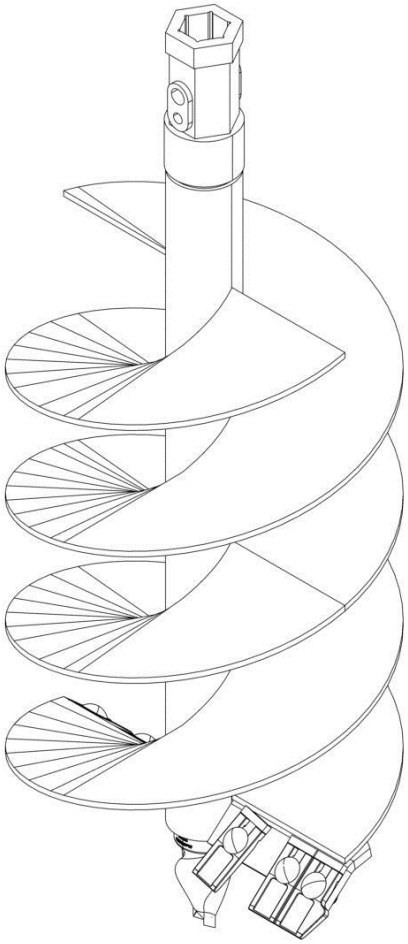


ART_1001204131-B

FIGURE 3-51. AUGER BIT (15INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204131	Ref	Auger Bit (15INX4IN)	B

FIGURE 3-52. AUGER BIT (18INX4IN)

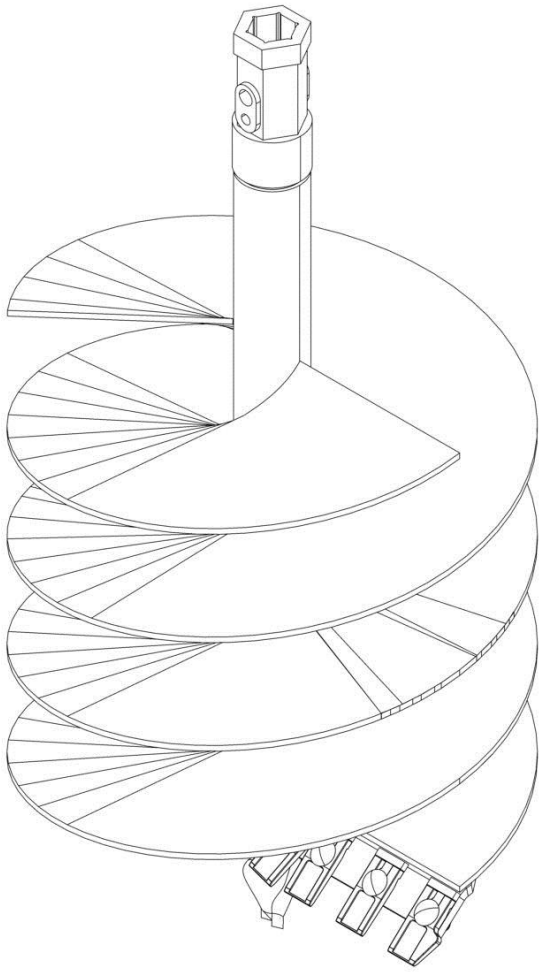


ART_1001204132-B

FIGURE 3-52. AUGER BIT (18INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204132	Ref	Auger Bit (18INX4IN)	B

FIGURE 3-53. AUGER BIT (24INX4IN)

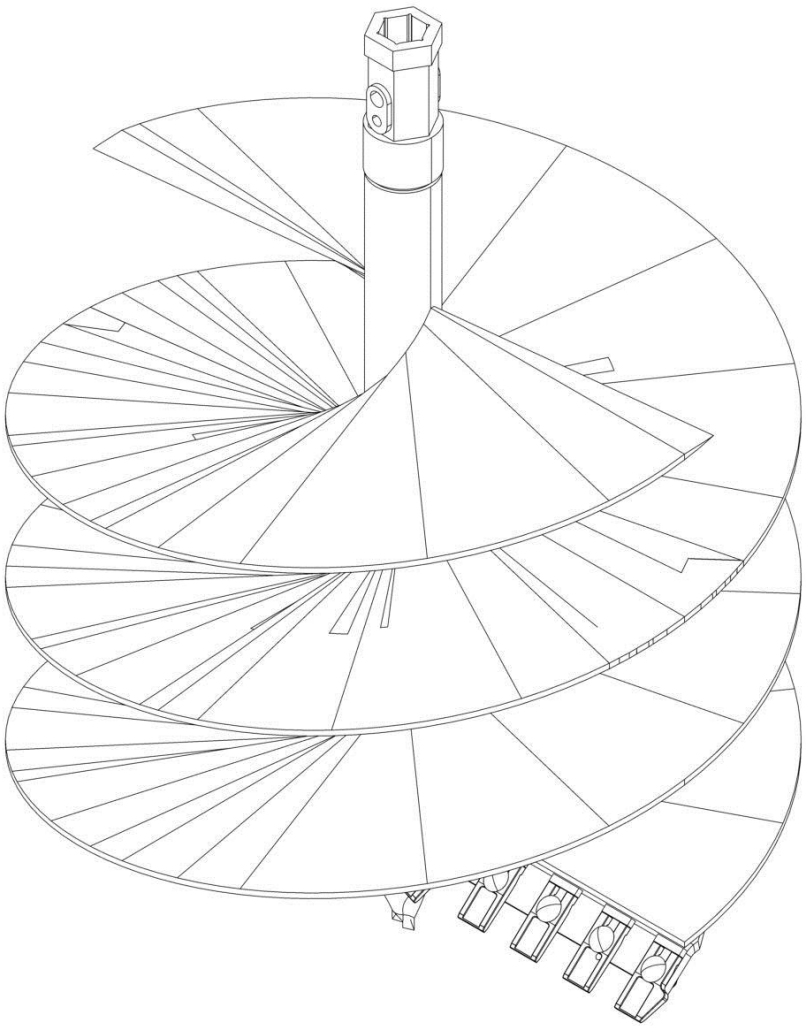


ART_1001204133-B

FIGURE 3-53. AUGER BIT (24INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204133	Ref	Auger Bit (24INX4IN)	B

FIGURE 3-54. AUGER BIT (36INX4IN)



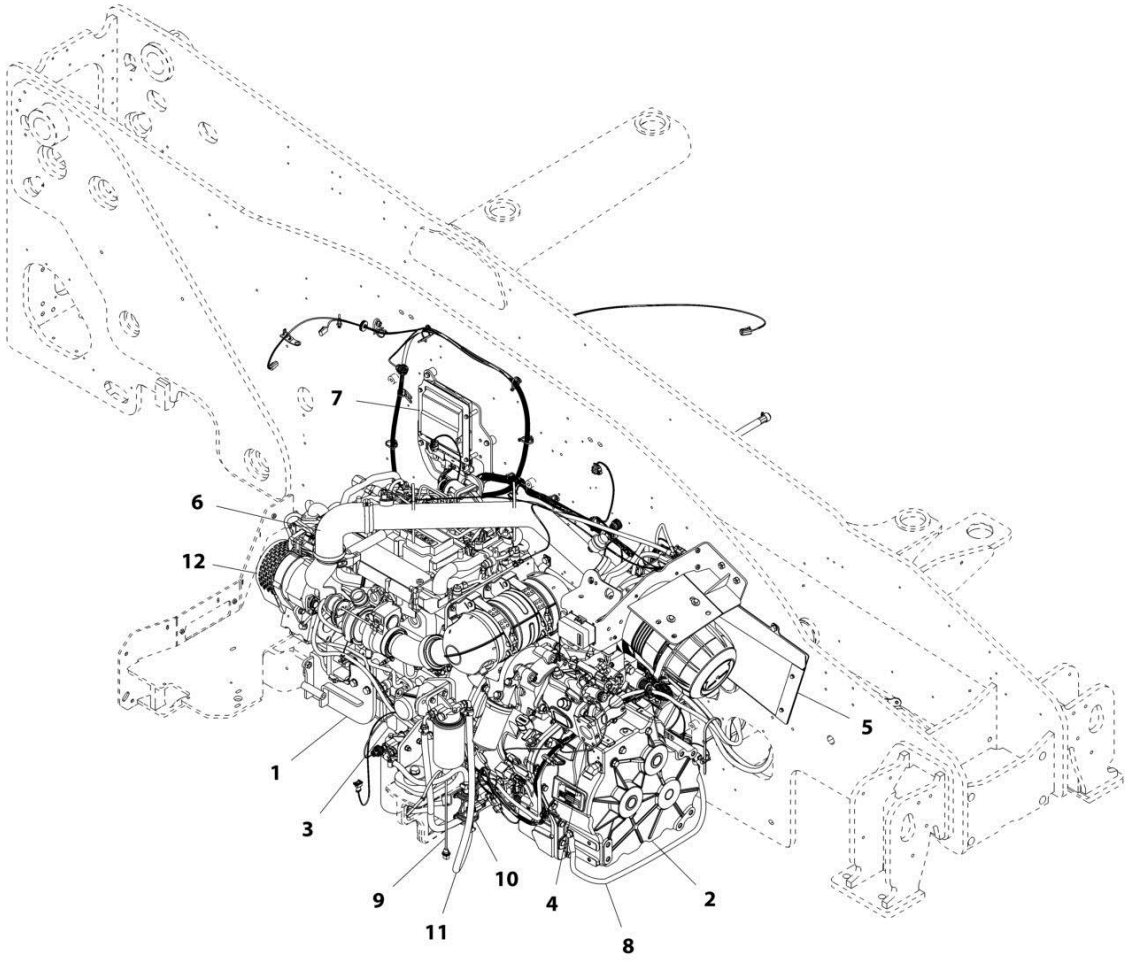
ART_1001204134-B

FIGURE 3-54. AUGER BIT (36INX4IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204134	Ref	Auger Bit (36INX4IN)	B

SECTION 4 - ENGINE AND ATTACHING PARTS

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



ART_1001175306-E

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175306	Ref	Engine Installation (74.4KW - ULS - Piston Pump)	E
1	1001188466	Ref	Installation, Engine Mounting (74.4KW) (See Separate Breakdown in this Section)	
2	1001200180	Ref	Installation, Transmission (4 SPD) (See Separate Breakdown in Drivetrain Section)	
3	1001175550	1	Engine, 3.6L (74.4KW - ULS - Piston Pump) (See Separate Breakdown in this Section)	
4	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
5	1001182040	Ref	Installation, Air Cleaner (74.4KW - ULS) (See Separate Breakdown in this Section)	
6	1001182041	Ref	Installation, Air Intake Lines (74.4KW - ULS) (See Separate Breakdown in this Section)	
7	1001182735	Ref	Installation, Engine ECU (ULS) (See Separate Breakdown in ELECTRICAL Section)	
8	1001185375	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in ELECTRICAL Section)	
9	1001211729	Ref	Installation, Primary Fuel Filter (74.4KW - ULS) (See Separate Breakdown in this Section)	
10	1001165789	Ref	Installation, Remote Fuel Pump (74.4KW) (See Separate Breakdown in this Section)	
11	1001185181	Ref	Installation, Fuel Lines (ULS) (See Separate Breakdown in this Section)	
12	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

FIGURE 4-2. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP)

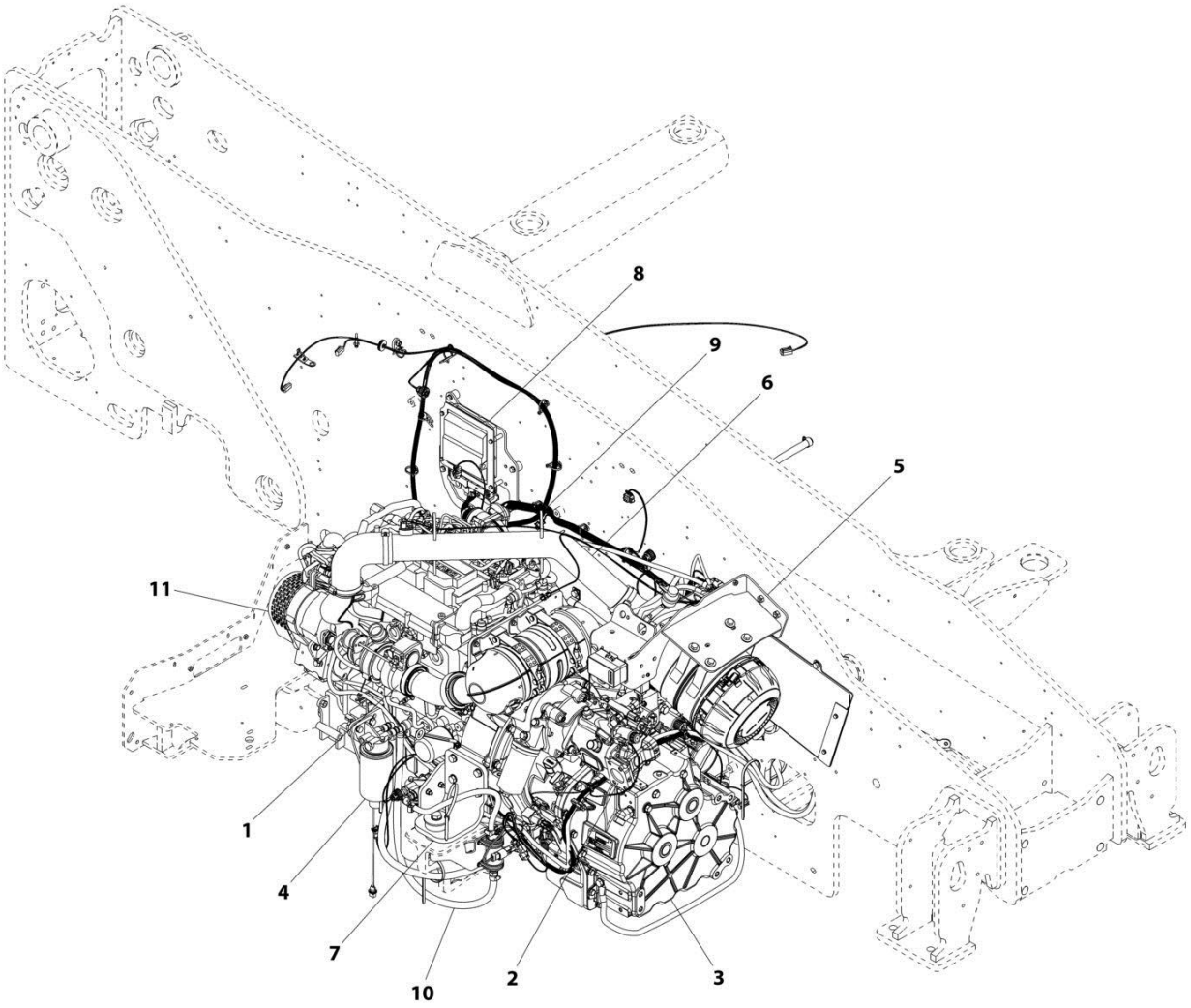
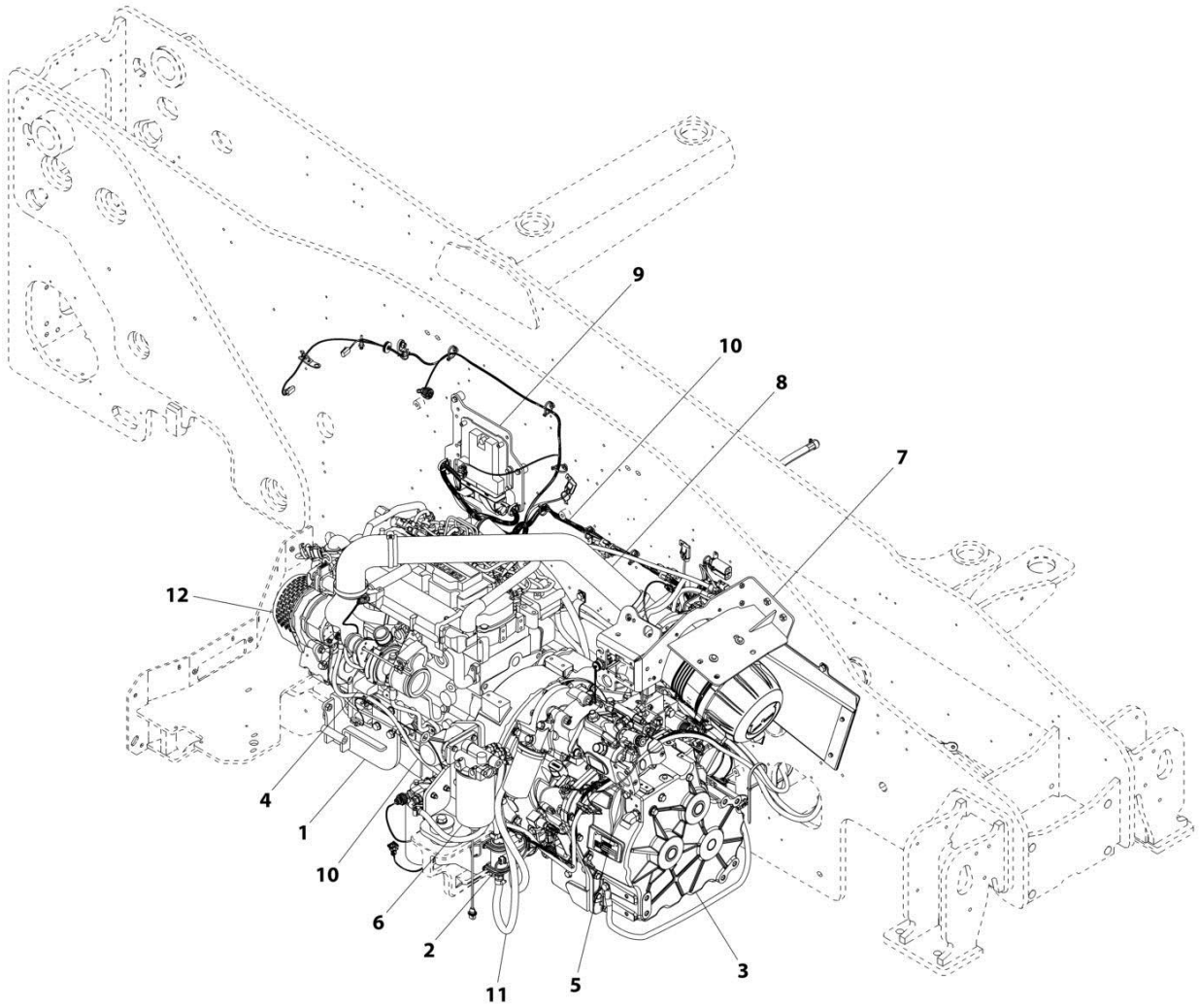


FIGURE 4-2. ENGINE INSTALLATION (90KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175309	Ref	Engine Installation (90KW - ULS - Piston Pump)	D
1	1001175553	1	Engine, 3.6L (90KW - ULS - Piston Pump) (See Separate Breakdown in this Section)	
2	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001178439	Ref	Installation, Transmission (6 SPD) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001181951	Ref	Installation, Fuel Filter (90/100KW - ULS) (See Separate Breakdown in this Section)	
5	1001182036	Ref	Installation, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
6	1001182037	Ref	Installation, Air Intake Lines (90/100KW - ULS) (See Separate Breakdown in this Section)	
7	1001182582	Ref	Installation, Engine Mounting (90/100KW) (See Separate Breakdown in this Section)	
8	1001182735	Ref	Installation, Engine ECU (ULS) (See Separate Breakdown in ELECTRICAL Section)	
9	1001185375	Ref	Installation, Engine Wiring (ULS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001197821	Ref	Installation, Fuel Lines (ULS - RHOC) (See Separate Breakdown in this Section)	
11	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

FIGURE 4-3. ENGINE INSTALLATION (74.4KW - LS - PISTON PUMP)



ART_1001175313-E

FIGURE 4-3. ENGINE INSTALLATION (74.4KW - LS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175313	Ref	Engine Installation (74.4KW - LS - Piston Pump)	E
1	1001188466	Ref	Installation, Engine Mounting (74.4KW) (See Separate Breakdown in this Section)	
2	1001165789	Ref	Installation, Remote Fuel Pump (74.4KW) (See Separate Breakdown in this Section)	
3	1001200180	Ref	Installation, Transmission (4 SPD) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001175552	1	Engine, 3.6L (74.4KW - LS - Piston Pump) (See Separate Breakdown in this Section)	
5	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
6	1001211730	Ref	Installation, Primary Fuel Filter (74.4KW - LS) (See Separate Breakdown in this Section)	
7	1001182042	Ref	Installation, Air Cleaner (74.4KW - LS) (See Separate Breakdown in this Section)	
8	1001182043	Ref	Installation, Air Intake Lines (74.4KW - LS) (See Separate Breakdown in this Section)	
9	1001182736	Ref	Installation, Engine ECU (LS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001185377	Ref	Installation, Engine Wiring (LS) (See Separate Breakdown in ELECTRICAL Section)	
11	1001197826	Ref	Installation, Fuel Lines (LS) (See Separate Breakdown in this Section)	
12	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

FIGURE 4-4. ENGINE INSTALLATION (90KW - LS - PISTON PUMP)

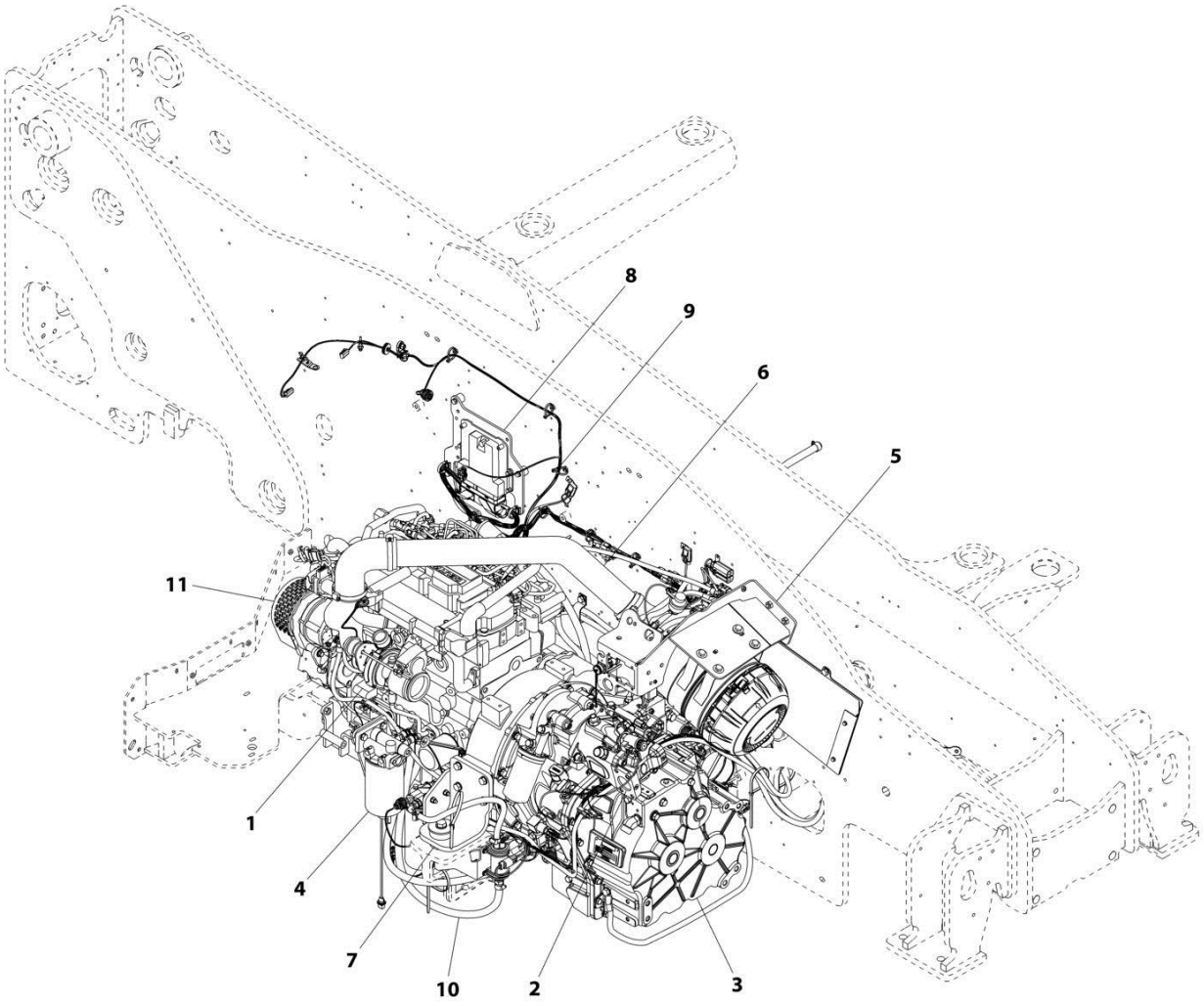


FIGURE 4-4. ENGINE INSTALLATION (90KW - LS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175315	Ref	Engine Installation (90KW - LS - Piston Pump)	D
1	1001175554	1	Engine, 3.6L (90KW - LS - Piston Pump) (See Separate Breakdown in this Section)	
2	1001177863	Ref	Installation, Main Hydraulic Pump (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001178439	Ref	Installation, Transmission (6 SPD) (See Separate Breakdown in DRIVETRAIN Section)	
4	1001181952	Ref	Installation, Primary Fuel Filter (90KW - LS) (See Separate Breakdown in this Section)	
5	1001182036	Ref	Installation, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
6	1001182039	Ref	Installation, Air Intake Lines (90KW - LS) (See Separate Breakdown in this Section)	
7	1001182582	Ref	Installation, Engine Mounting (90/100KW) (See Separate Breakdown in this Section)	
8	1001182736	Ref	Installation, Engine ECU (LS) (See Separate Breakdown in ELECTRICAL Section)	
9	1001185377	Ref	Installation, Engine Wiring (LS) (See Separate Breakdown in ELECTRICAL Section)	
10	1001185189	Ref	Installation, Fuel Lines (LS - RHOC) (See Separate Breakdown in this Section)	
11	1001182235	Ref	Installation, Bracket Guard (See Separate Breakdown in this Section)	

FIGURE 4-5. ENGINE MOUNTING INSTALLATION (74.4KW)

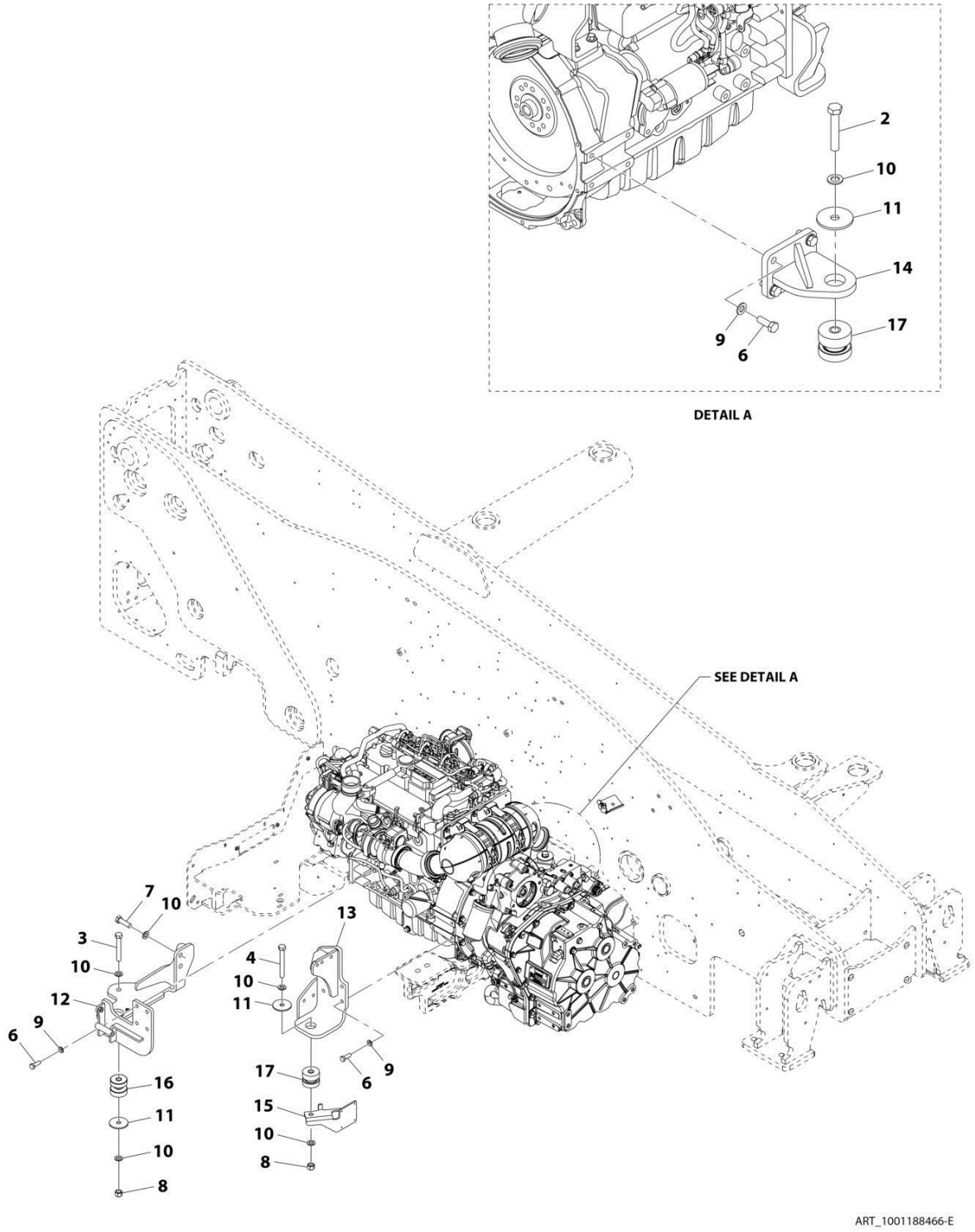


FIGURE 4-5. ENGINE MOUNTING INSTALLATION (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188466	Ref	Engine Mounting Installation (74.4KW)	E
2	0701626	1	Bolt, M16X90	
3	0701628	1	Bolt, M16X110	
4	0701630	1	Bolt, M16X130	
6	0761215	12	Bolt, M12X35	
7	0761619	2	Bolt, M16X55	
8	3291605	2	Bolt, M16X2	
9	4812100	12	Washer, M12	
10	4812300	7	Washer, M16	
11	7300435	3	Washer	
12	1001169216	1	Bracket, Engine Mount	
13	1001169309	1	Bracket, Engine Mount	
14	1001169424	1	Bracket, Engine Mount	
15	1001188204	1	Bracket, Fuel Pump	
16	1001163387	1	Mount, Isolator Engine	
17	1001195518	2	Mount, Isolator Engine	

FIGURE 4-6. ENGINE MOUNTING INSTALLATION (90KW/100KW)

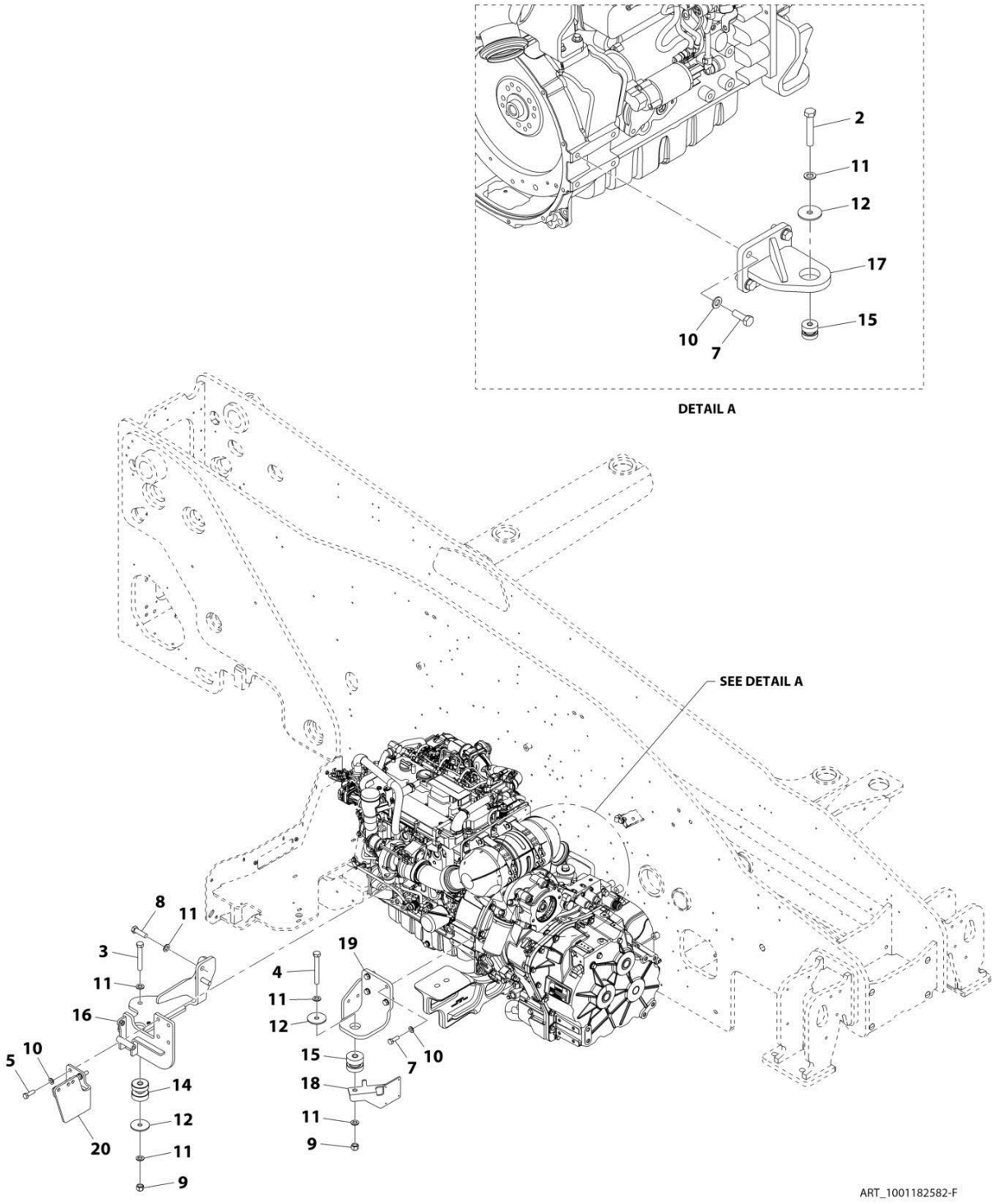
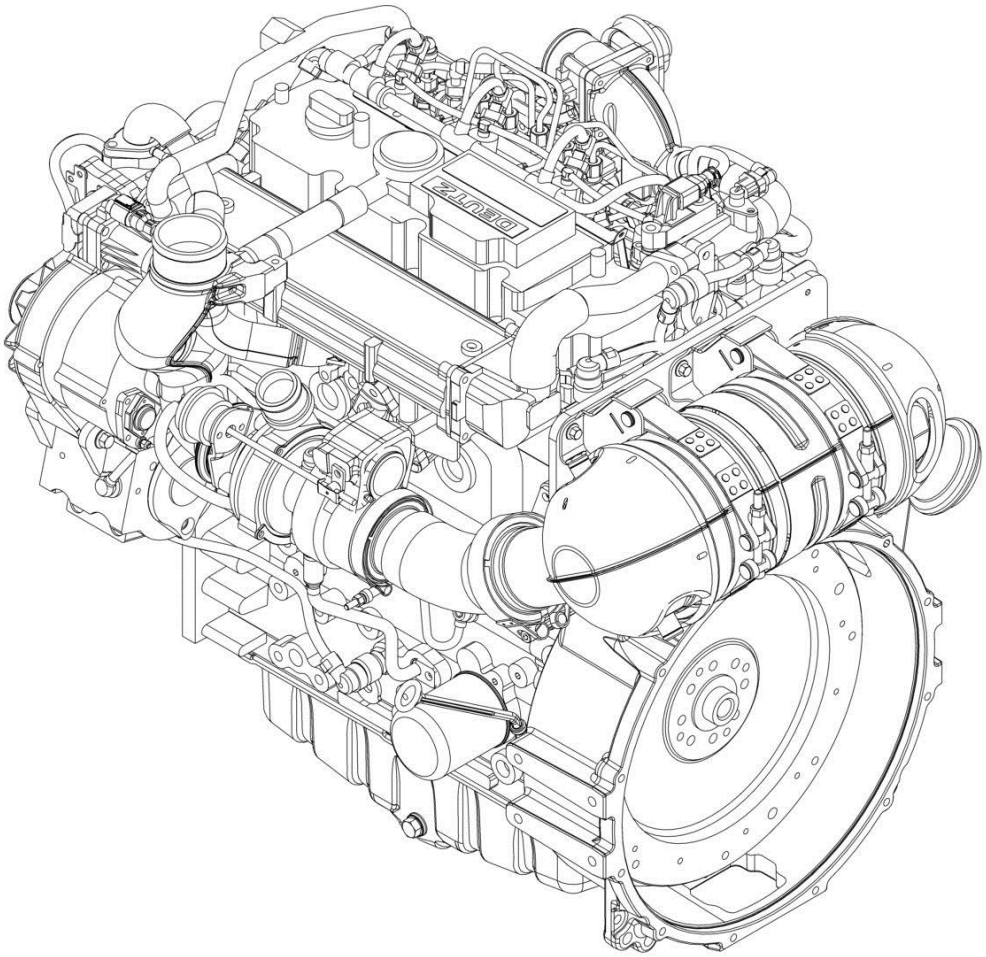


FIGURE 4-6. ENGINE MOUNTING INSTALLATION (90KW/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182582	Ref	Engine Mounting Installation (90KW/100KW)	F
2	0701626	1	Bolt, M16X90	
3	0701628	1	Bolt, M16X110	
4	0701630	1	Bolt, M16X130	
5	0761216	4	Bolt, M12X40	
7	0761215	8	Bolt, M12X35	
8	0761619	2	Bolt, M16X55	
9	3291605	2	Bolt, M16X2	
10	4812100	12	Washer, M12	
11	4812300	7	Washer, M16	
12	7300435	3	Washer	
14	1001163387	1	Mount, Isolator Engine	
15	1001195518	2	Mount, Isolator Engine	
16	1001169216	1	Bracket, Engine Mount	
17	1001169424	1	Bracket, Engine Mount	
18	1001188204	1	Bracket, Fuel Pump	
19	1001183745	1	Bracket, Engine Mount	
20	1001189586	1	Bracket, Fuel Filter	

FIGURE 4-7. 3.6L ENGINE (74.4KW - ULS - PISTON PUMP)

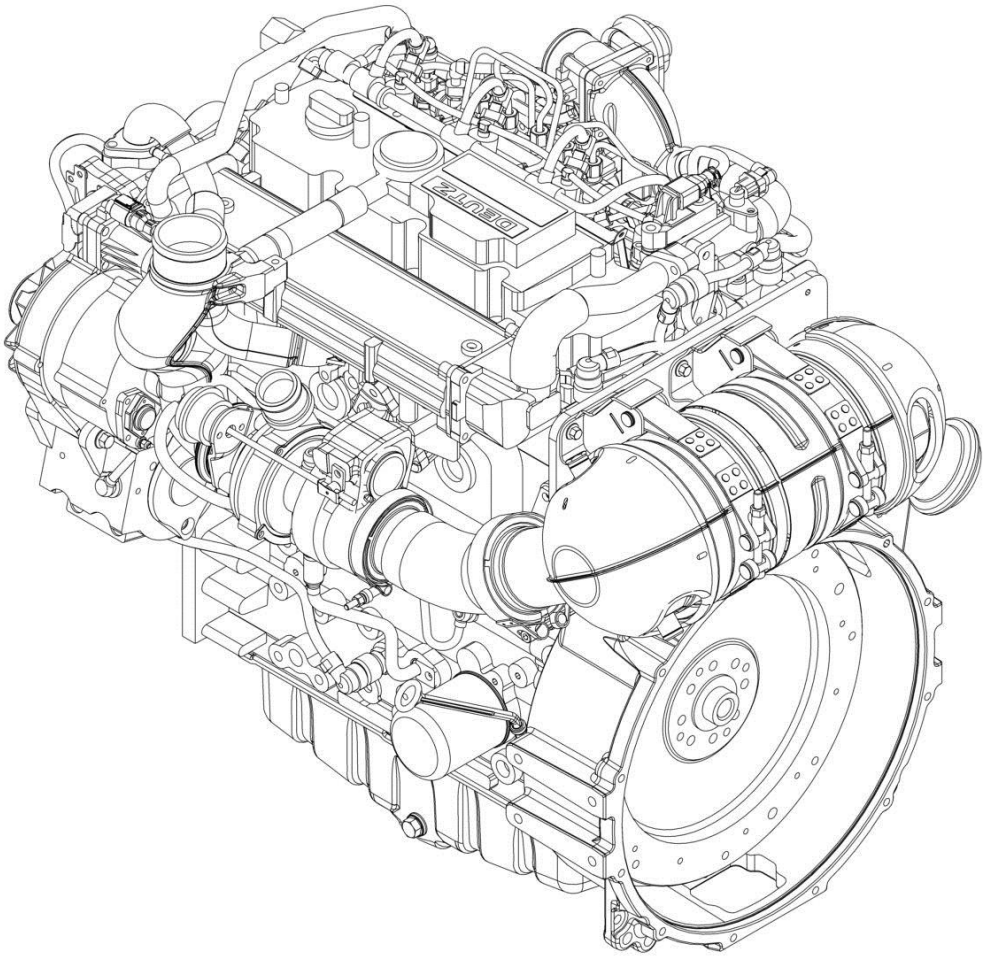


ART_1001175550-E

FIGURE 4-7. 3.6L ENGINE (74.4KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175550	Ref	3.6L Engine (74.4KW - ULS - Piston Pump)	E
	70027657	1	Dipstick	
	7020442	2	O-Ring	
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal	
	7016331	1	Filter, Oil	
	70024494	1	Oil cooler	
	70024495	1	Gasket	
	70024509	1	Gasket	
	70011901	1	Pump, High Pressure	
	70024485	4	Injector, Fuel	
	70024504	1	Sensor, Pressure	
	70024920	1	Seal	
	70026011	1	Pump, Water	
	70024918	1	Sender, Coolant Temperature	
	70005504	1	Sensor, Pressure	
	70005505	2	O-Seal	
	70027405	1	Sensor, Temperature	
	70005507	2	O-Seal	
	70005515	1	Turbocharger	
	70024480	1	Gasket	
	70027404	1	Oil Pressure Sensor	
	70027403	1	V-Belt	
	70025535	1	Starter	
	70026210	1	Speed Sensor	
	70005191	1	O-Ring	
	70005556	1	Sensor, Temperature	
	70005559	1	Sensor, Temperature	
	70027417	1	Filter, Fuel	
	70024961	1	Prefilter, Fuel	

FIGURE 4-8. 3.6L ENGINE (90KW - ULS - PISTON PUMP)

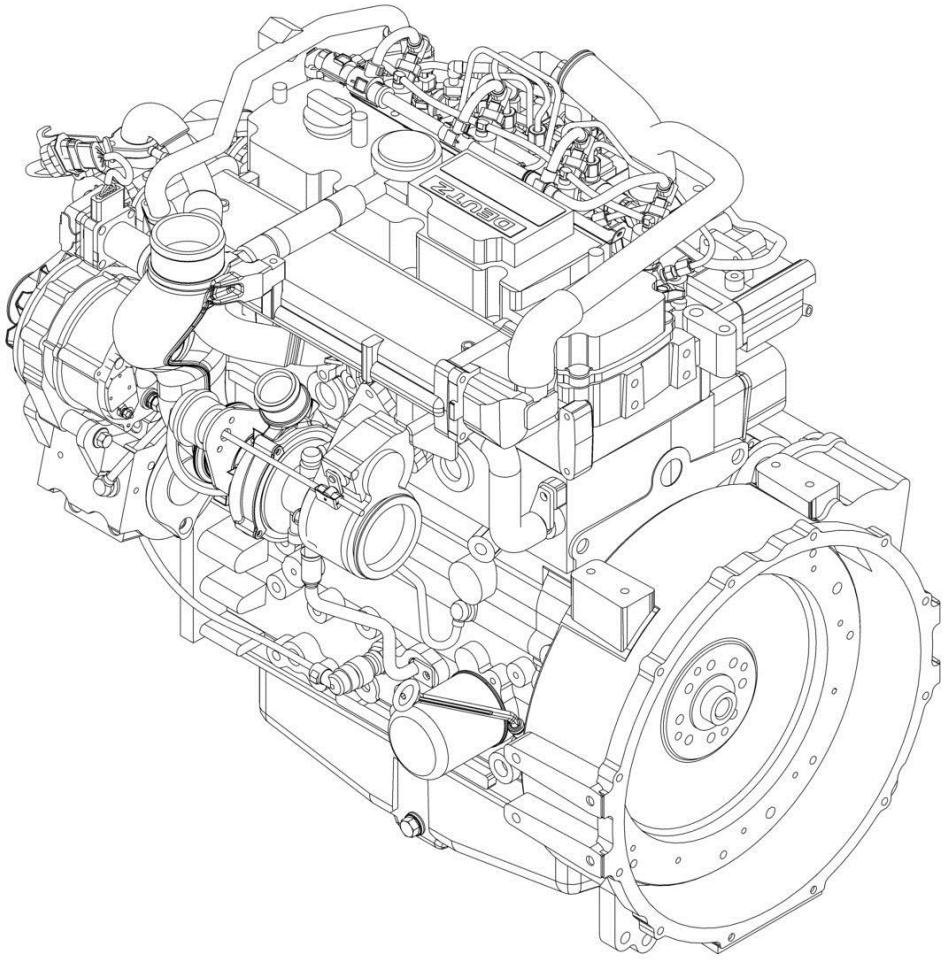


ART_1001175553-E

FIGURE 4-8. 3.6L ENGINE (90KW - ULS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175553	Ref	3.6L Engine (90KW - ULS - Piston Pump)	E
	70027657	1	Dipstick	
	7020442	2	O-Ring	
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal	
	7016331	1	Filter, Oil	
	70024494	1	Oil cooler	
	70024495	1	Gasket	
	70024509	1	Gasket	
	70011901	1	Pump, High Pressure	
	70024485	4	Injector, Fuel	
	70024504	1	Sensor, Pressure	
	70024920	1	Seal	
	70026011	1	Pump, Water	
	70024918	1	Sender, Temperature	
	70005504	1	Sensor, Pressure	
	70005505	2	O-Seal	
	70027405	1	Sensor, Temperature	
	70005507	2	O-Seal	
	70005515	1	Turbocharger	
	70024480	1	Gasket	
	70027404	1	Generator	
	70027403	1	V-Belt	
	70025535	1	Starter	
	70026210	1	Generator	
	70005191	1	O-Ring	
	70024505	1	Sensor, Temperature	
	70005556	1	Sensor, Temperature	
	70005559	1	Sensor, Temperature	
	70004511	1	Filter, Fuel	
	70025153	1	Prefilter, Fuel	

FIGURE 4-9. 3.6L ENGINE (74.4KW - LS - PISTON PUMP)

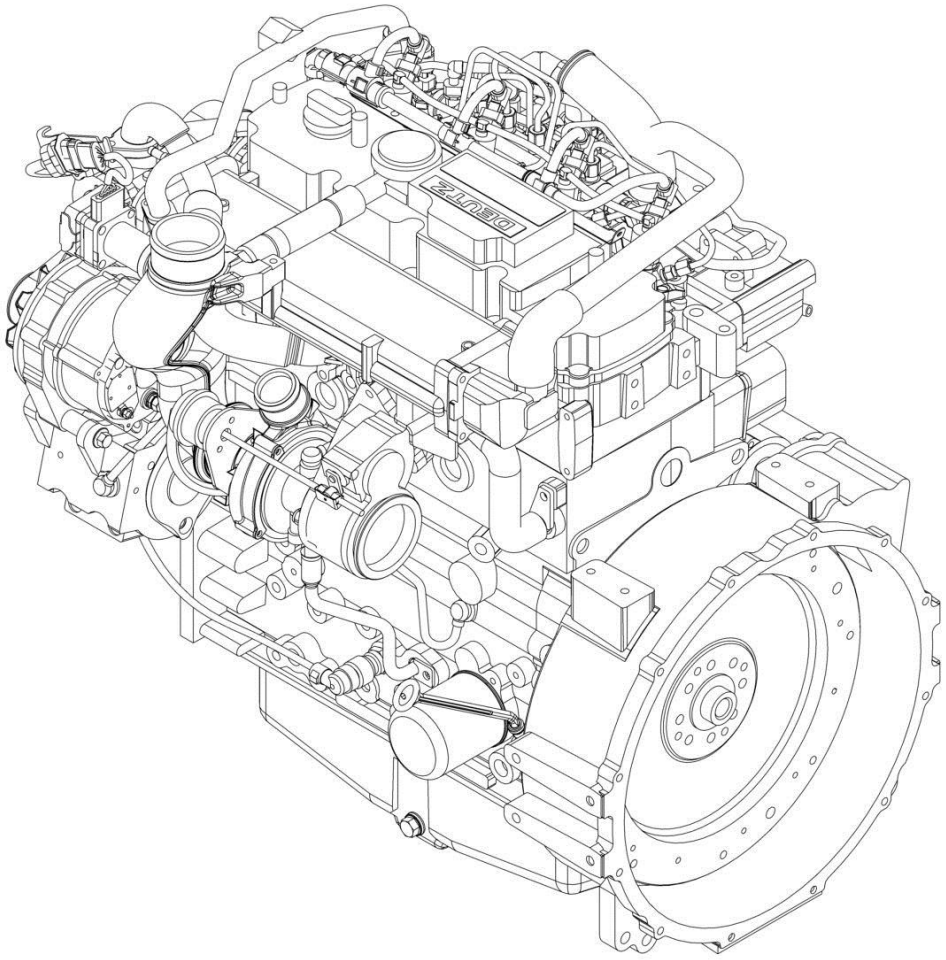


ART_1001175552-C

FIGURE 4-9. 3.6L ENGINE (74.4KW - LS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175552	Ref	3.6L Engine (74.4KW - LS - Piston Pump)	C
	70027657	1	Dipstick	
	7020442	2	O-Ring	
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal	
	7016331	1	Filter, Oil	
	70024494	1	Oil cooler	
	70024495	1	Gasket	
	70024509	1	Gasket	
	70011901	1	Pump, High Pressure	
	70024485	4	Injector, Fuel	
	70004512	1	Filter, Fuel	
	70024504	1	Sensor, Pressure	
	70005504	1	Sensor, Pressure	
	70026011	1	Pump, Water	
	70024918	1	Sender, Temperature	
	70004518	1	Turbocharger	
	70024480	1	Gasket	
	70025533	1	Generator	
	70025478	1	V-Belt	
	70025535	1	Starter	
	70026210	2	Generator	
	70005191	2	O-Ring	
	70027417	1	Filter, Fuel	

FIGURE 4-10. 3.6L ENGINE (90KW - LS - PISTON PUMP)

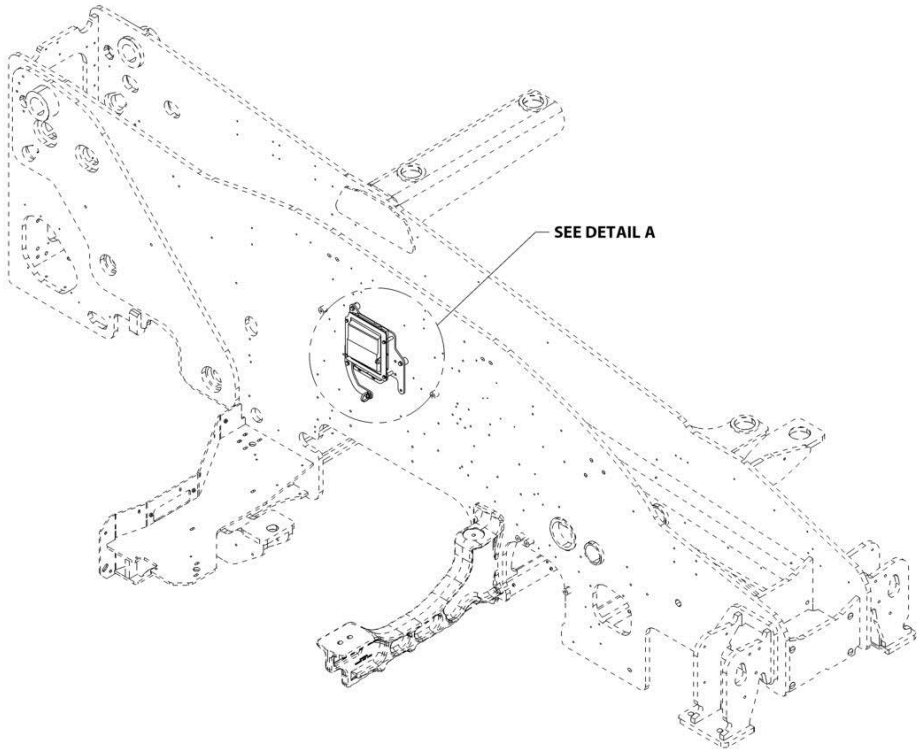


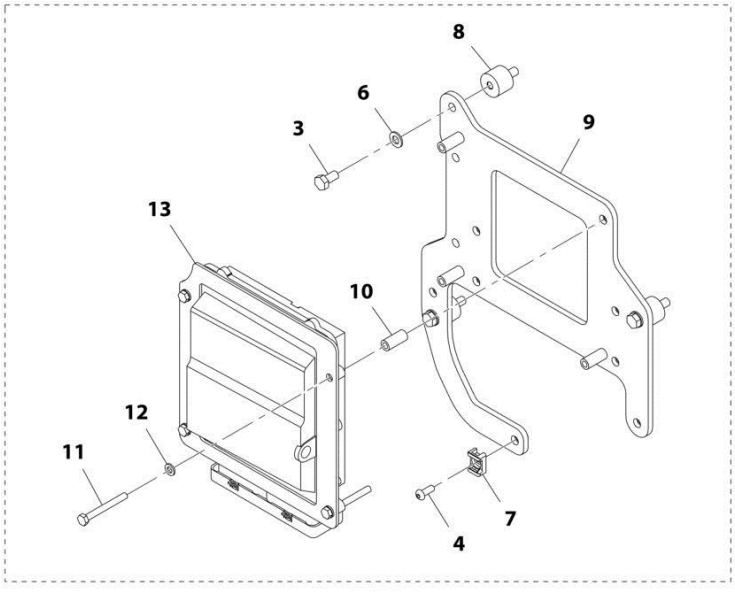
ART_1001175554-C

FIGURE 4-10. 3.6L ENGINE (90KW - LS - PISTON PUMP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175554	Ref	3.6L Engine (90KW - LS - Piston Pump)	C
	70027657	1	Dipstick	
	7020442	2	O-Ring	
	7020465	1	Cap, Filler	
	70025205	1	Gasket	
	70004280	1	Seal	
	7016331	1	Filter, Oil	
	70024494	1	Oil cooler	
	70024495	1	Gasket	
	70024509	1	Gasket	
	70011901	1	Pump, High Pressure	
	70024485	4	Injector, Fuel	
	70004512	1	Filter, Fuel	
	70024504	1	Sensor, Pressure	
	70005504	1	Sensor, Pressure	
	70026011	1	Pump, Water	
	70024918	1	Sender, Temperature	
	70004518	1	Turbocharger	
	70024480	1	Gasket	
	70025533	1	Generator	
	70025478	1	V-Belt	
	70025535	1	Starter	
	70026210	2	Generator	
	70005191	2	O-Ring	
	70027417	1	Filter, Fuel	

FIGURE 4-11. ENGINE ECU INSTALLATION (ULS)





DETAIL A

ART_1001182735-D

FIGURE 4-11. ENGINE ECU INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182735	Ref	Engine ECU Installation (ULS)	D
3	0760808	3	Bolt, M8X16	
4	3900357	1	Capscrew, M6X16	
6	4811900	3	Washer, M8	
7	1001138645	1	Mount, Cable Tie	
8	1001179907	3	Mount, Isolator	
9	1001183347	1	Plate	
10	1001196587	4	Sleeve, Spacer	
11	0760619	4	Bolt, M6X55	
12	4811700	4	Washer, M6	
13	1001206120	1	Plate	

FIGURE 4-12. ENGINE ECU INSTALLATION (LS)

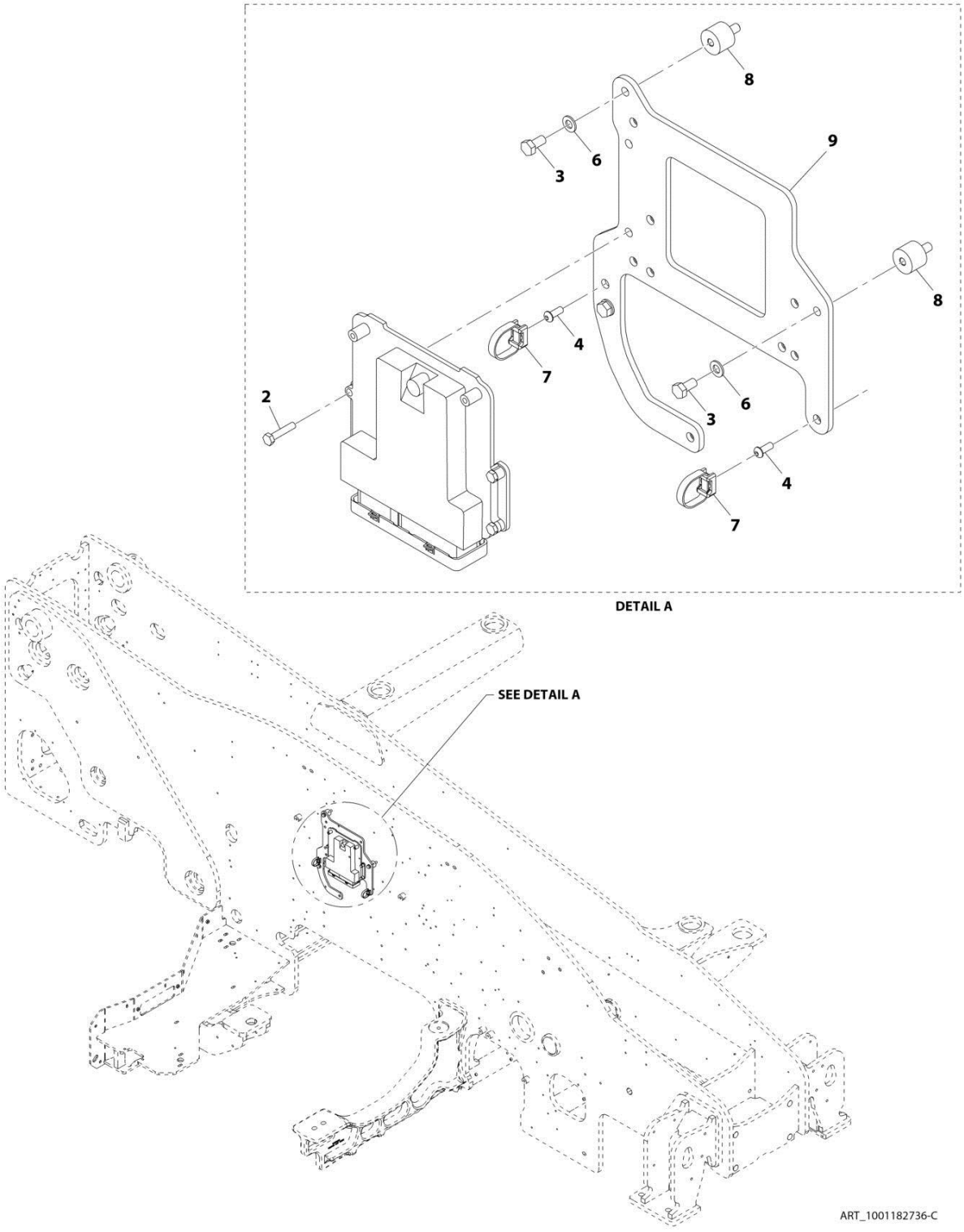


FIGURE 4-12. ENGINE ECU INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182736	Ref	Engine ECU Installation (LS)	C
2	0700614	4	Bolt, M6X30	
3	0760808	3	Bolt, M8X16	
4	3900357	2	Capscrew, M6X16	
6	4811900	3	Washer, M8	
7	1001138645	2	Mount, Cable Tie	
8	1001179907	3	Mount, Isolator	
9	1001183347	1	Plate	

FIGURE 4-13. BRACKET GUARD INSTALLATION

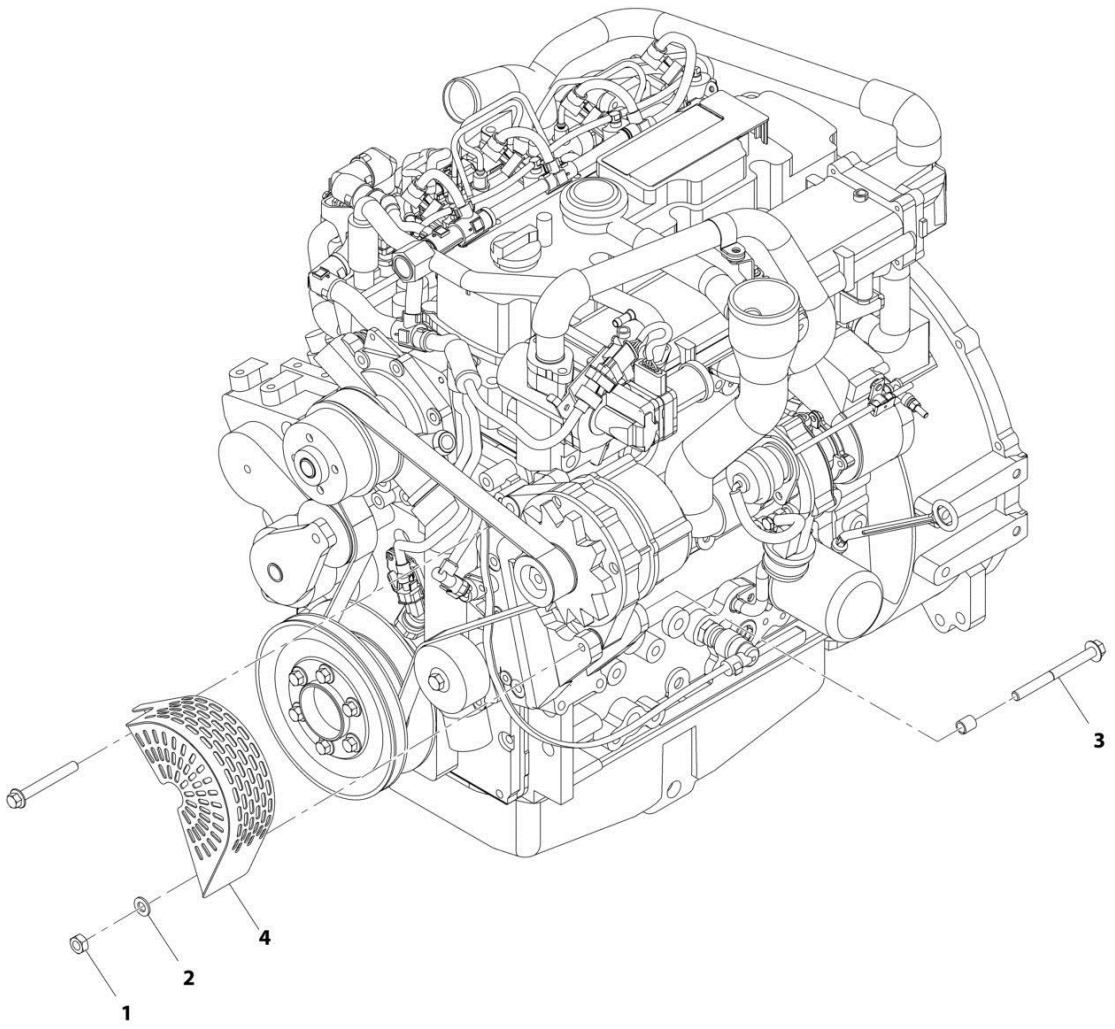


FIGURE 4-13. BRACKET GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182235	Ref	Bracket Guard Installation	B
1	3291001	1	Nut, M10X1.5 Grade 8	
2	4812000	1	Washer, M10	
3	1001152378	1	Bolt, M10X110 Grade 10.9	
4	1001213006	1	Bracket, Guard	

FIGURE 4-14. FUEL LINES INSTALLATION (ULS)

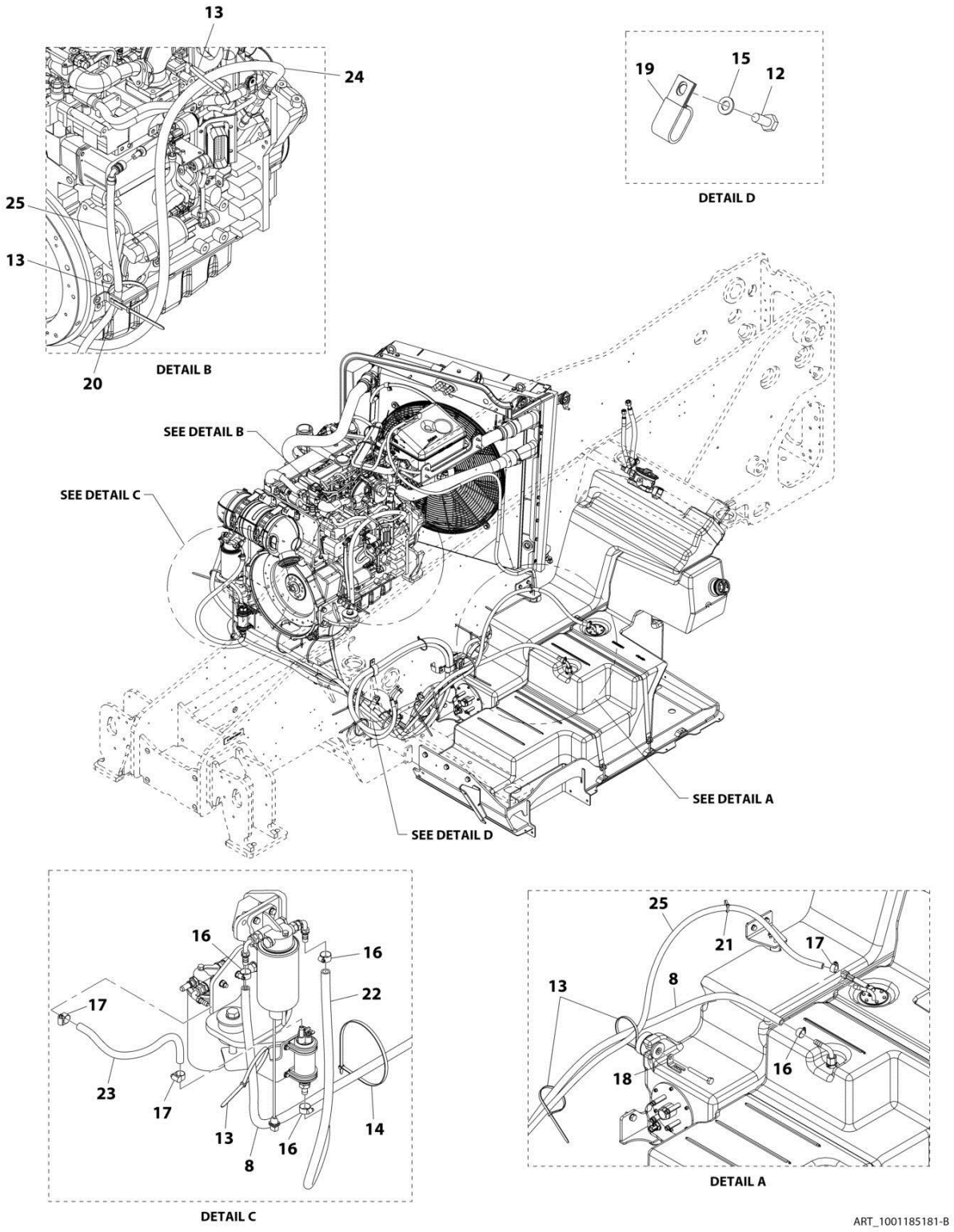


FIGURE 4-14. FUEL LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185181	Ref	Fuel Lines Installation (ULS)	B
8	1001200192	1	Hose, 0.5IN Fuel	
12	0761012	1	Bolt, M10X25	
13	1062255	AR	Strap, Tie	
14	4240127	AR	Strap, Tie	
15	4812000	1	Washer, M10	
16	8405006	4	Clamp, Gear	
17	8410013	3	Clamp, Gear	
18	1001003305	1	Clip	
19	1001026104	1	Clip	
20	1001130198	1	Clip, 90	
21	1001146588	1	Strap, Fir Tree Cable Tie	
22	1001204839	1	Hose, 0.5IN Fuel	
23	1001204840	1	Hose, 0.38IN Fuel	
24	1001204841	1	Hose, 0.5IN Fuel	
25	1001204842	1	Hose, 0.38IN Fuel	

FIGURE 4-15. FUEL LINES INSTALLATION (ULS - RHOC)

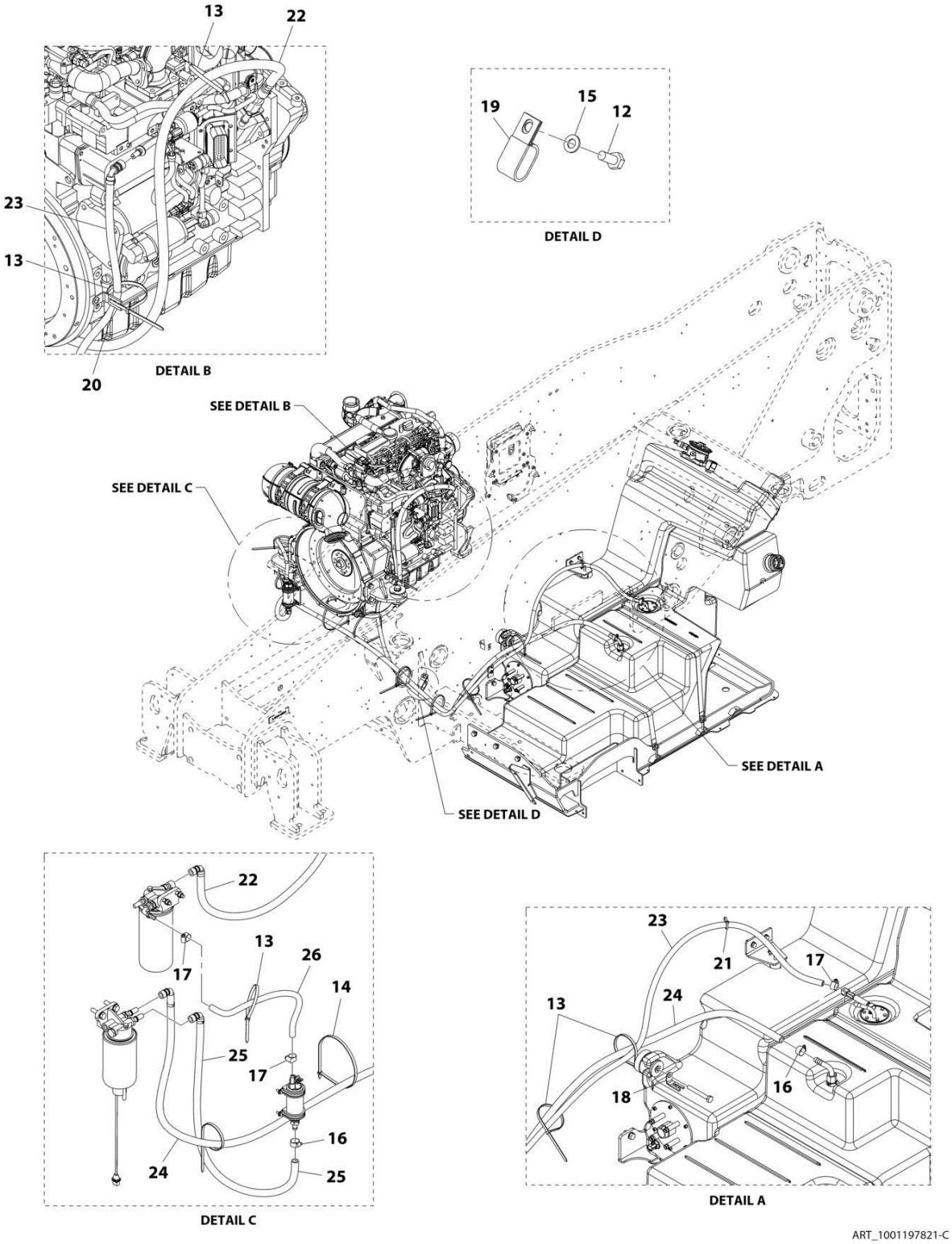


FIGURE 4-15. FUEL LINES INSTALLATION (ULS - RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197821	Ref	Fuel Lines Installation (ULS - RHOC)	C
12	0761012	1	Bolt, M10X25	
13	1062255	AR	Strap, Tie	
14	4240127	AR	Strap, Tie	
15	4812000	1	Washer, M10	
16	8405006	2	Clamp, Gear	
17	8410013	3	Clamp, Gear	
18	1001003305	1	Clip	
19	1001026104	1	Clip	
20	1001130198	1	Clip, 90	
21	1001146588	1	Strap, Fir Tree Cable Tie	
22	1001204841	1	Hose, 0.5IN Fuel	
23	1001204842	1	Hose, 0.38IN Fuel	
24	1001216854	1	Hose, 0.5IN Fuel	
25	1001216855	1	Hose, 0.5IN Fuel	
26	1001205041	1	Hose, 0.38IN Fuel	

FIGURE 4-16. FUEL LINES INSTALLATION (LS)

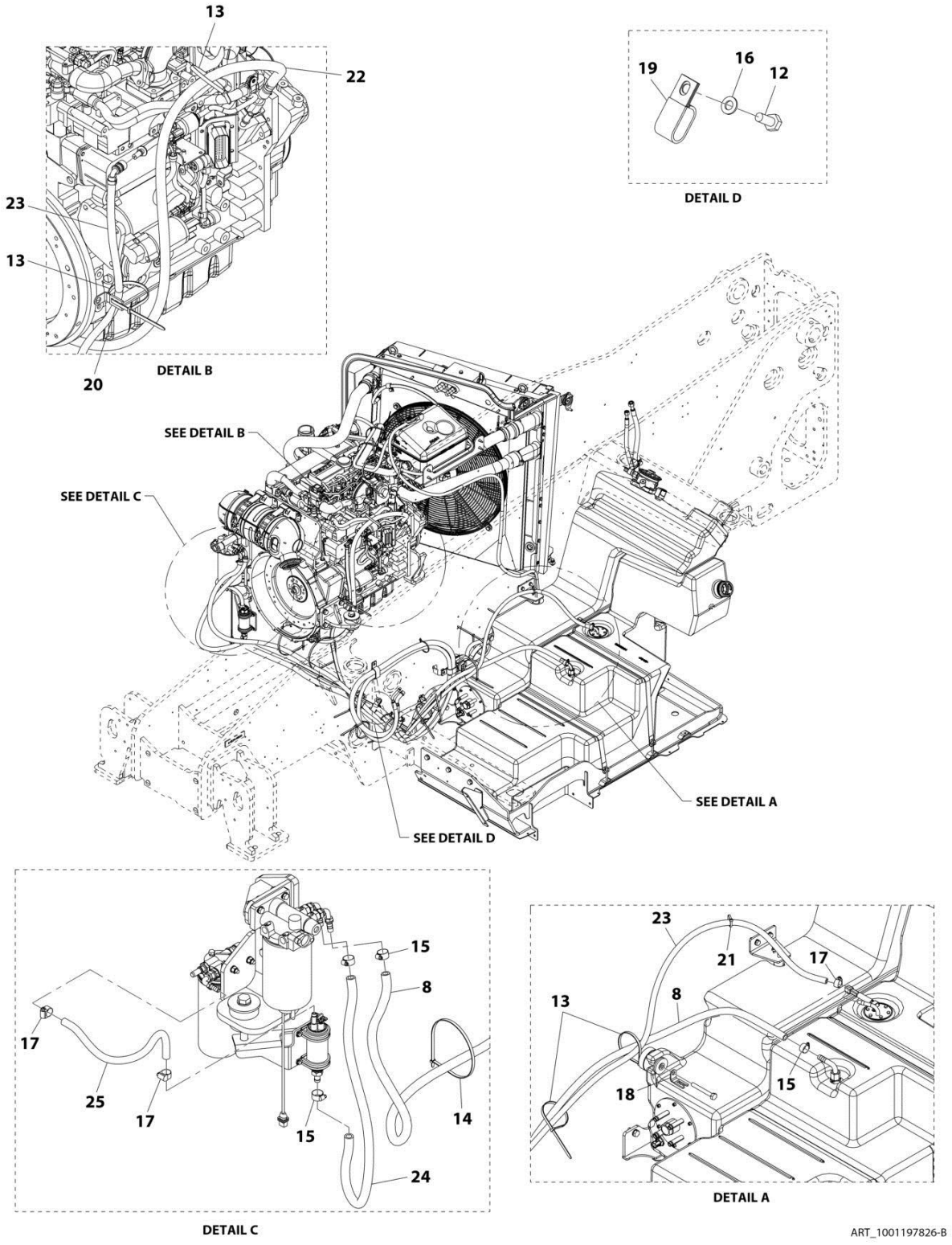


FIGURE 4-16. FUEL LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197826	Ref	Fuel Lines Installation (LS)	B
8	1001200192	1	Hose, 0.5IN Fuel	
12	0761012	1	Bolt, M10X25	
13	1062255	AR	Strap, Tie	
14	4240127	AR	Strap, Tie	
15	8405006	4	Clamp, Gear	
16	4812000	1	Washer, M10	
17	8410013	3	Clamp, Gear	
18	1001003305	1	Clip	
19	1001026104	1	Clip	
20	1001130198	1	Clip, 90	
21	1001146588	1	Strap, Fir Tree Cable Tie	
22	1001204841	1	Hose, 0.5IN Fuel	
23	1001204842	1	Hose, 0.38IN Fuel	
24	1001204839	1	Hose, 0.5IN Fuel	
25	1001204840	1	Hose, 0.38IN Fuel	

FIGURE 4-17. FUEL LINES INSTALLATION (LS - RHOC)

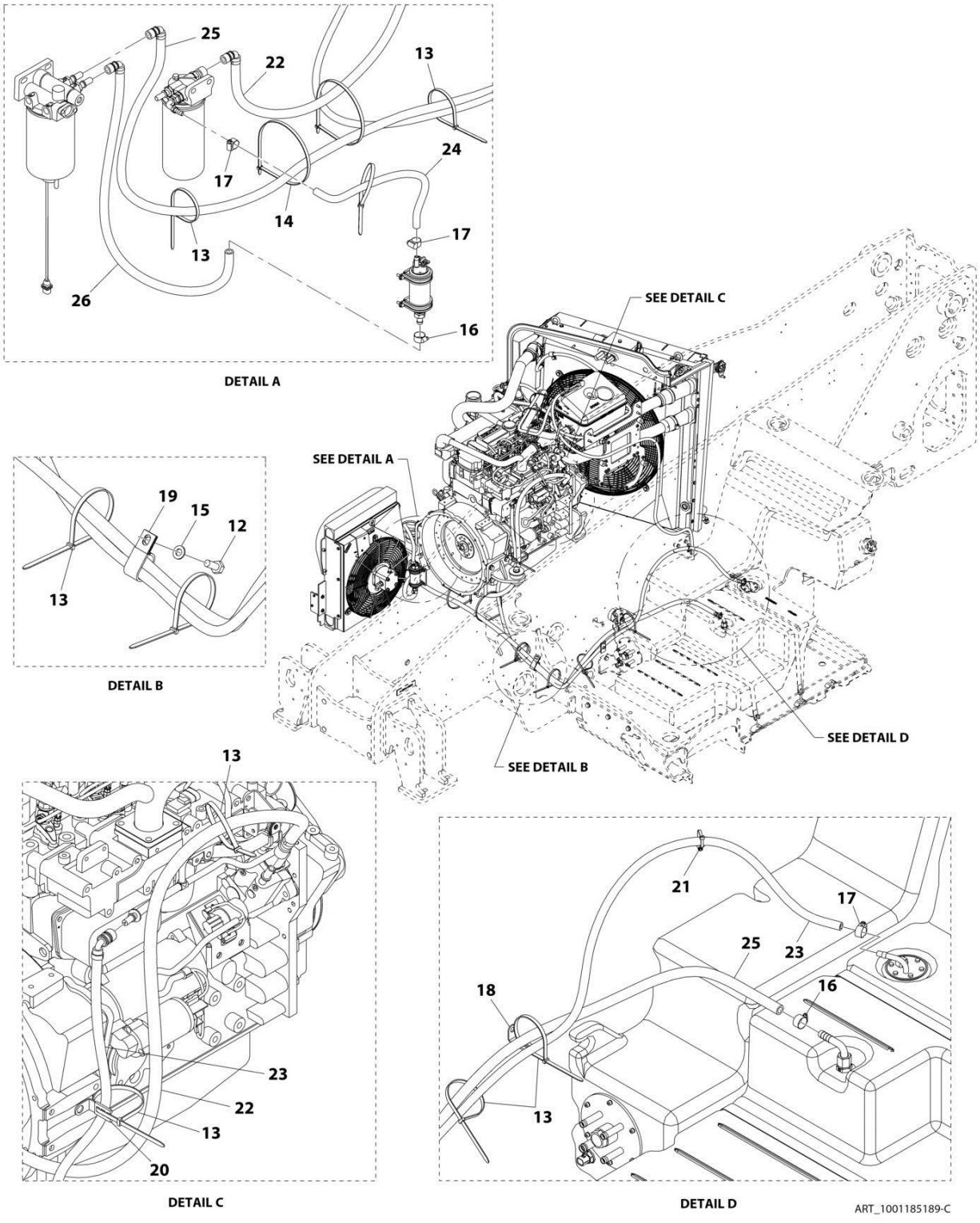
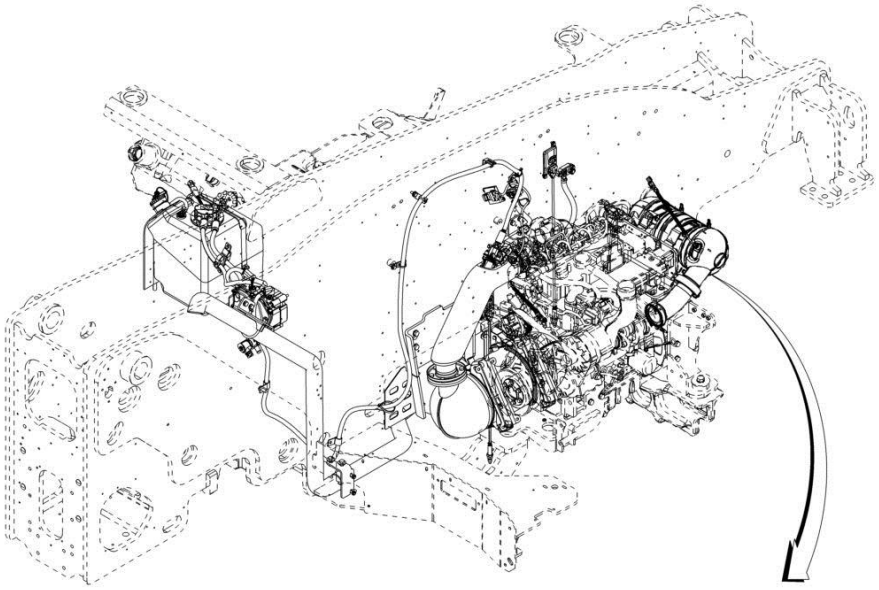


FIGURE 4-17. FUEL LINES INSTALLATION (LS - RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185189	Ref	Fuel Lines Installation (LS - RHOC)	C
12	0761012	1	Bolt, M10X25	
13	1062255	AR	Strap, Tie	
14	4240127	AR	Strap, Tie	
15	4812000	1	Washer, M10	
16	8405006	2	Clamp, Gear	
17	8410013	3	Clamp, Gear	
18	1001003305	1	Clip	
19	1001026104	1	Clip	
20	1001130198	1	Clip, 90	
21	1001146588	1	Strap, Fir Tree Cable Tie	
22	1001204841	1	Hose, 0.5IN Fuel	
23	1001204842	1	Hose, 0.38IN Fuel	
24	1001205041	1	Hose, 0.38IN Fuel	
25	1001216854	1	Hose, 0.5IN Fuel	
26	1001216855	1	Hose, 0.5IN Fuel	

FIGURE 4-18. EXHAUST INSTALLATION (ULS)



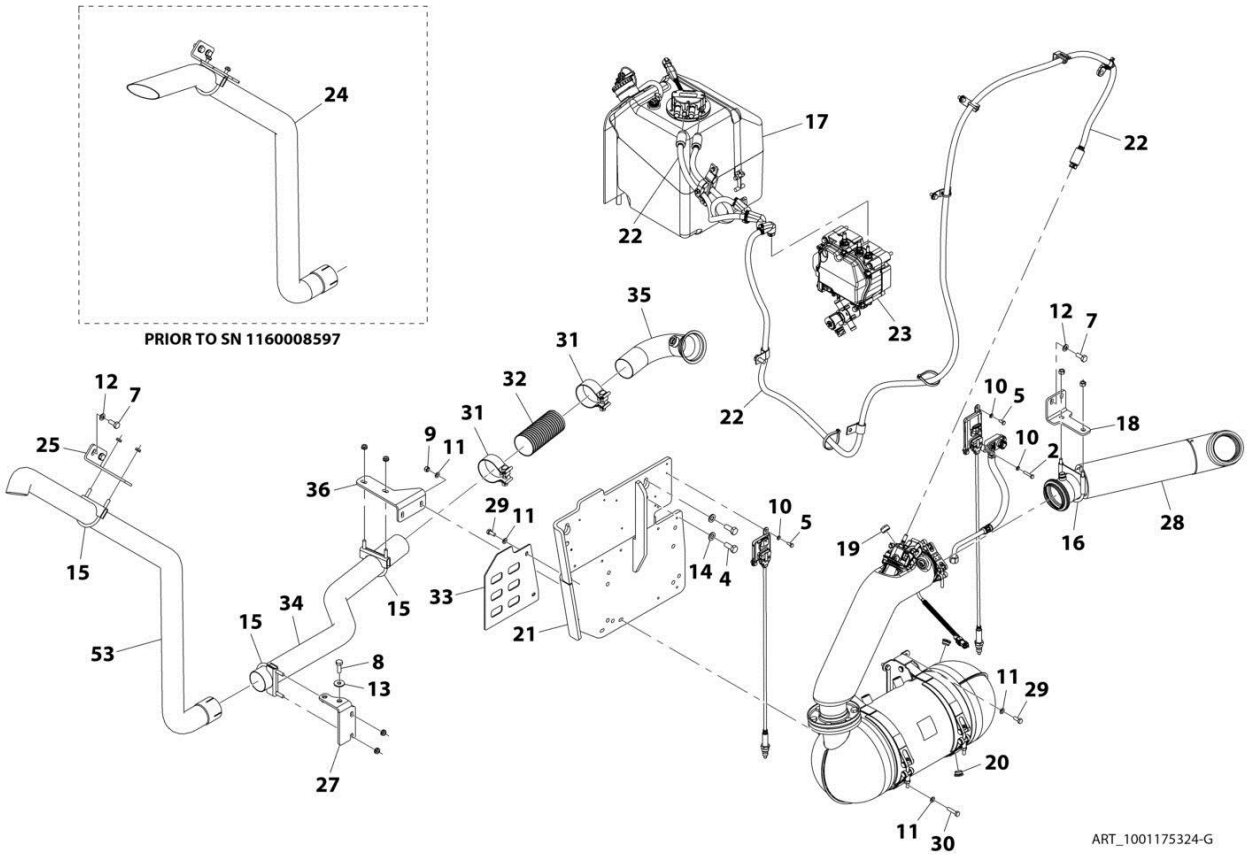


FIGURE 4-18. EXHAUST INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175324	Ref	Exhaust Installation (ULS)	G
2	0700614	2	Bolt, M6X30	
4	0701214	4	Bolt, M12X30	
5	0760607	4	Bolt, M6X14	
7	0761012	4	Bolt, M10X25	
8	0761014	2	Bolt, M10X30	
9	3290805	2	Nut, Lock M8X1.25 Grade 8	
10	4811700	6	Washer, M6	
11	4811900	12	Washer, M8	
12	4812000	4	Washer, M10	
13	4812002	2	Washer, M10	
14	4812100	4	Washer, M12	
15	8275212	3	Clamp, Muffler	
16	24921332	1	Clamp, Exhaust	
17	1001168639	Ref	Installation, DEF Tank (ULS) (See Separate Breakdown in this Section)	
18	1001169918	1	Plate, Exhaust	
19	1001171913	1	Cap	
20	1001171959	2	Plug	
21	1001210022	1	Bracket	
22	1001176977	Ref	Installation, DEF Lines (ULS) (See Separate Breakdown in this Section)	
23	1001178030	Ref	Installation, DEF Control Module (ULS) (See Separate Breakdown in this Section)	
24	1001178115	1	Pipe, Tail Exhaust **(Prior to SN 1160008597)**	
25	1001182824	1	Bracket, Tailpipe	
27	1001201811	1	Bracket, Tailpipe	
28	1001193551	1	Pipe, Exhaust Flex	
29	0760810	8	Bolt, M8X20	
30	0760815	2	Bolt, M8X35	
31	91163268	2	Clamp, Flex Pipe **(Prior to SN 1160008597)**	
31	1001225213	2	Clamp, Flex Pipe **(SN 1160008597 to Present)**	
32	1001201766	1	Pipe, Exhaust Flex	
33	1001201823	1	Plate, Airflow	
34	1001201929	1	Pipe, Exhaust	
35	1001201930	1	Pipe, Exhaust	
36	1001201933	1	Support, Exhaust Pipe	
53	1001222187	1	Pipe, Tail Exhaust **(SN 1160008597 to Present)**	

FIGURE 4-19. EXHAUST INSTALLATION (LS)

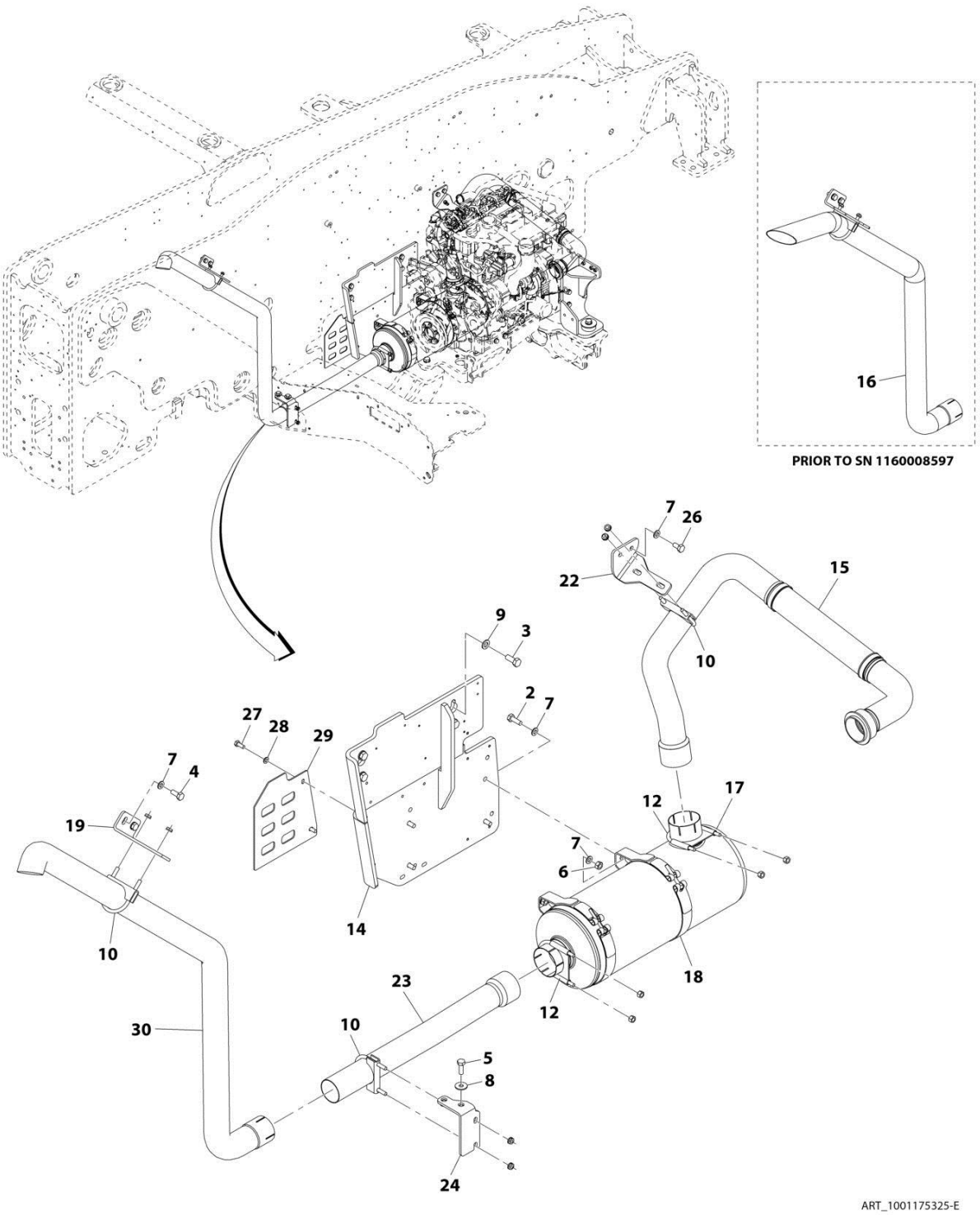


FIGURE 4-19. EXHAUST INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175325	Ref	Exhaust Installation (LS)	E
2	0701014	4	Bolt, M10X30	
3	0701214	4	Bolt, M12X30	
4	0761012	2	Bolt, M10X25	
5	0761014	2	Bolt, M10X30	
6	3291007	4	Nut, Lock M10X1.5 Grade 8	
7	4812000	12	Washer, M10	
8	4812002	2	Washer, M10	
9	4812100	4	Washer, M12	
10	8275212	3	Clamp, Muffler	
12	24921332	2	Clamp, Exhaust	
14	1001210022	1	Bracket	
15	1001208281	1	Pipe, Exhaust	
16	1001178115	1	Pipe, Tail Exhaust **(Prior to SN 1160008597)**	
17	1001180226	1	Muffler, Exhaust	
18	1001180227	2	Clamp, Muffler	
19	1001182824	1	Bracket, Tailpipe	
22	1001190740	1	Plate, Exhaust	
23	1001184710	1	Tube, Exhaust	
24	1001201811	1	Bracket, Tailpipe	
26	0761010	2	Bolt, M10X20	
27	0760810	2	Bolt, M8X20	
28	4811900	2	Washer, M8	
29	1001201823	1	Plate, Airflow	
30	1001222187	1	Pipe, Tail Exhaust **(SN 1160008597 to Present)**	

FIGURE 4-20. COOLING PACKAGE INSTALLATION (74.4KW - ULS)

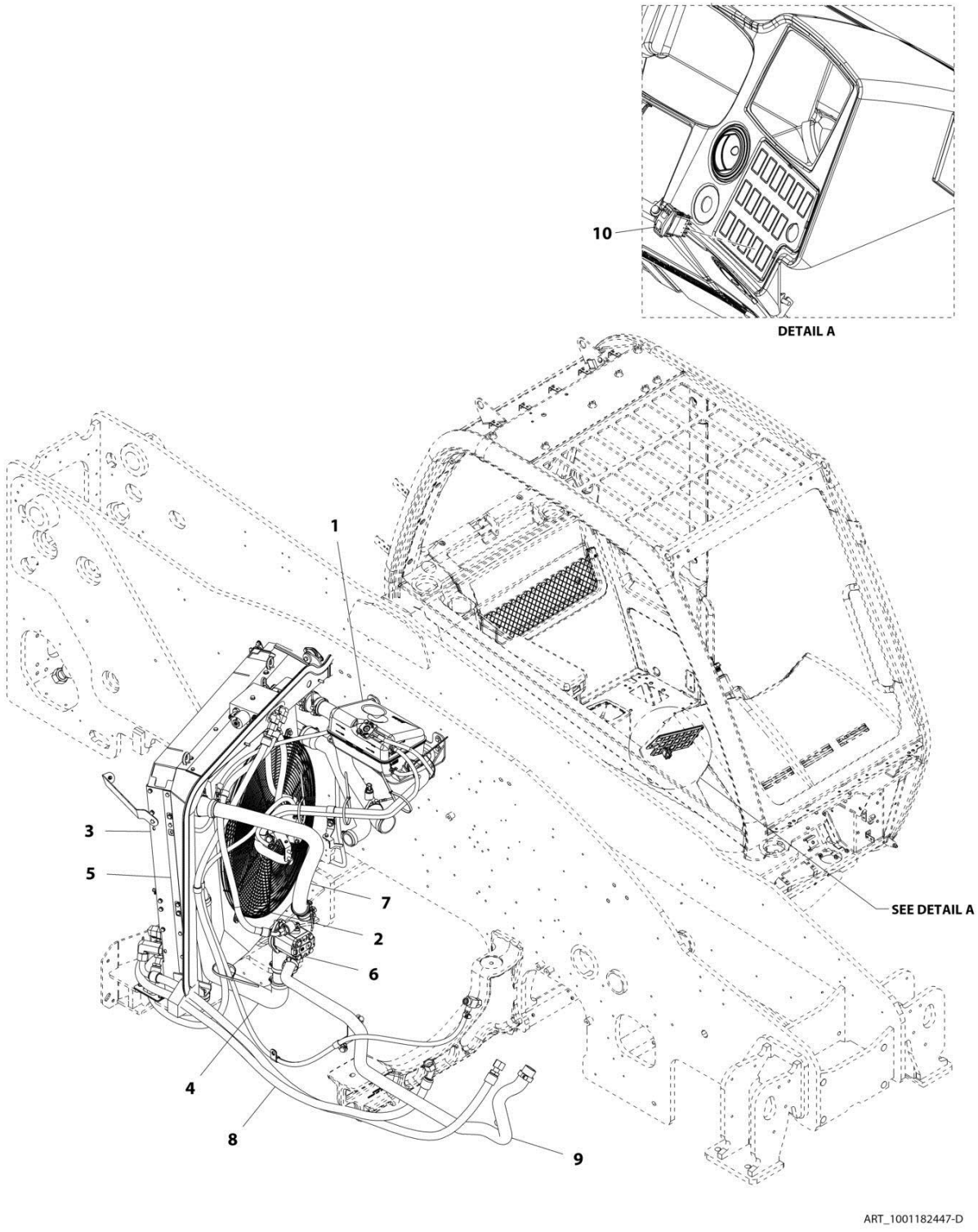


FIGURE 4-20. COOLING PACKAGE INSTALLATION (74.4KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182447	Ref	Cooling Package Installation (74.4KW - ULS)	D
1	1001179864	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182112	Ref	Installation, Cooling Fan (See Separate Breakdown in this Section)	
3	1001184061	Ref	Installation, Cooler (74.4KW) (See Separate Breakdown in this Section)	
4	1001184120	Ref	Installation, Coolant Lines (ULS) (See Separate Breakdown in this Section)	
5	1001184955	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
6	1001185865	Ref	Installation, Hydraulic Pump (74.4KW) (See Separate Breakdown in this Section)	
7	1001186849	Ref	Installation, CAC Lines (ULS) (See Separate Breakdown in this Section)	
8	1001183075	Ref	Installation, Cooler Lines (74.4KW) (See Separate Breakdown in this Section)	
9	1001188220	Ref	Installation, Fan Lines (74.4KW) (See Separate Breakdown in this Section)	
10	1001145204	1	Switch, Reversing Fan	

FIGURE 4-21. COOLING PACKAGE INSTALLATION (74.4KW - LS)

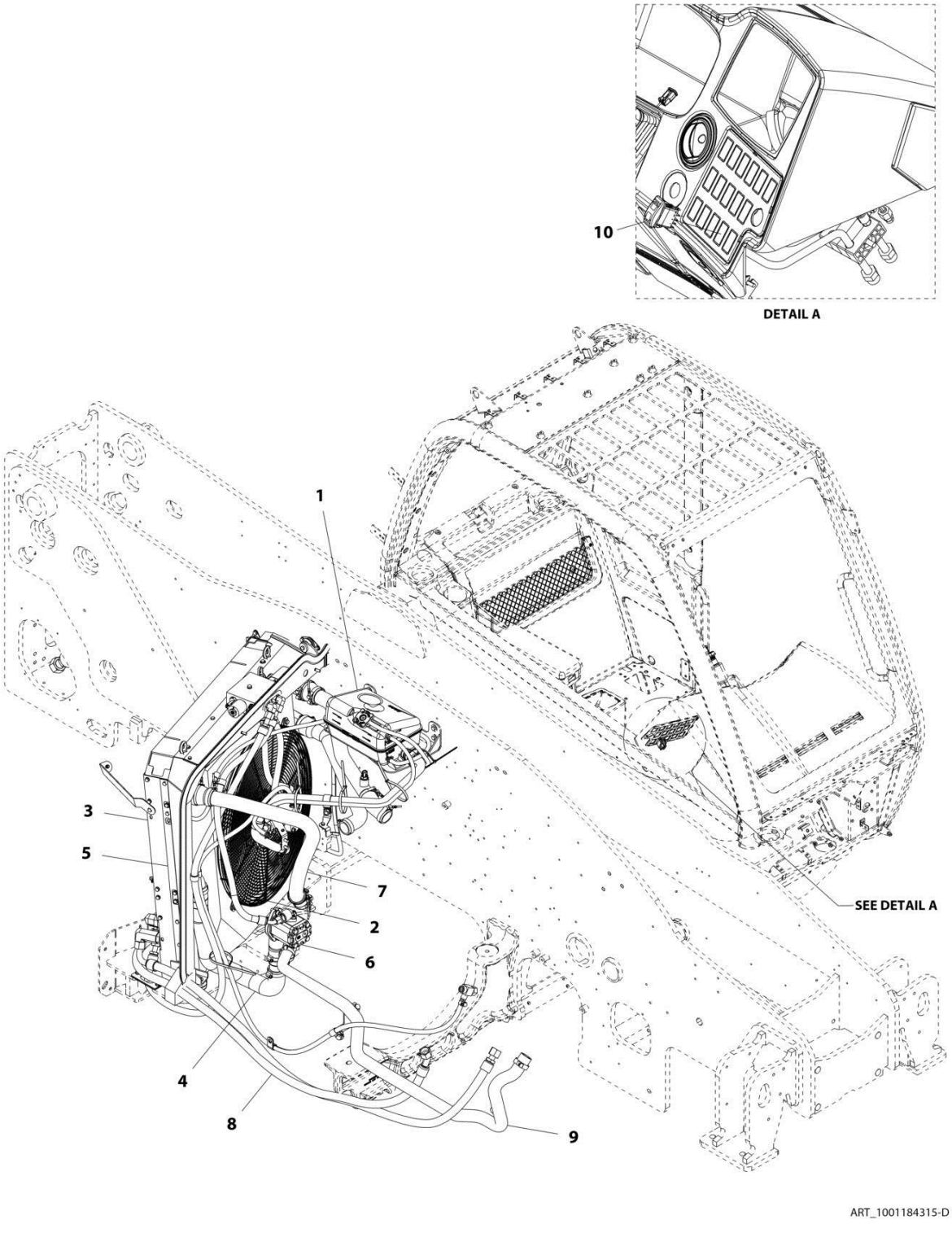


FIGURE 4-21. COOLING PACKAGE INSTALLATION (74.4KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184315	Ref	Cooling Package Installation (74.4KW - LS)	D
1	1001179864	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182112	Ref	Installation, Cooling Fan (See Separate Breakdown in this Section)	
3	1001184061	Ref	Installation, Cooler (74.4KW) (See Separate Breakdown in this Section)	
4	1001184132	Ref	Installation, Coolant Lines (LS) (See Separate Breakdown in this Section)	
5	1001184955	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
6	1001185865	Ref	Installation, Hydraulic Pump (74.4KW) (See Separate Breakdown in this Section)	
7	1001186848	Ref	Installation, CAC Lines (LS) (See Separate Breakdown in this Section)	
8	1001183075	Ref	Installation, Cooler Lines (74.4KW) (See Separate Breakdown in this Section)	
9	1001188220	Ref	Installation, Fan Lines (74.4KW) (See Separate Breakdown in this Section)	
10	1001145204	1	Switch, Reversing Fan	

FIGURE 4-22. COOLING PACKAGE INSTALLATION (90KW - ULS)

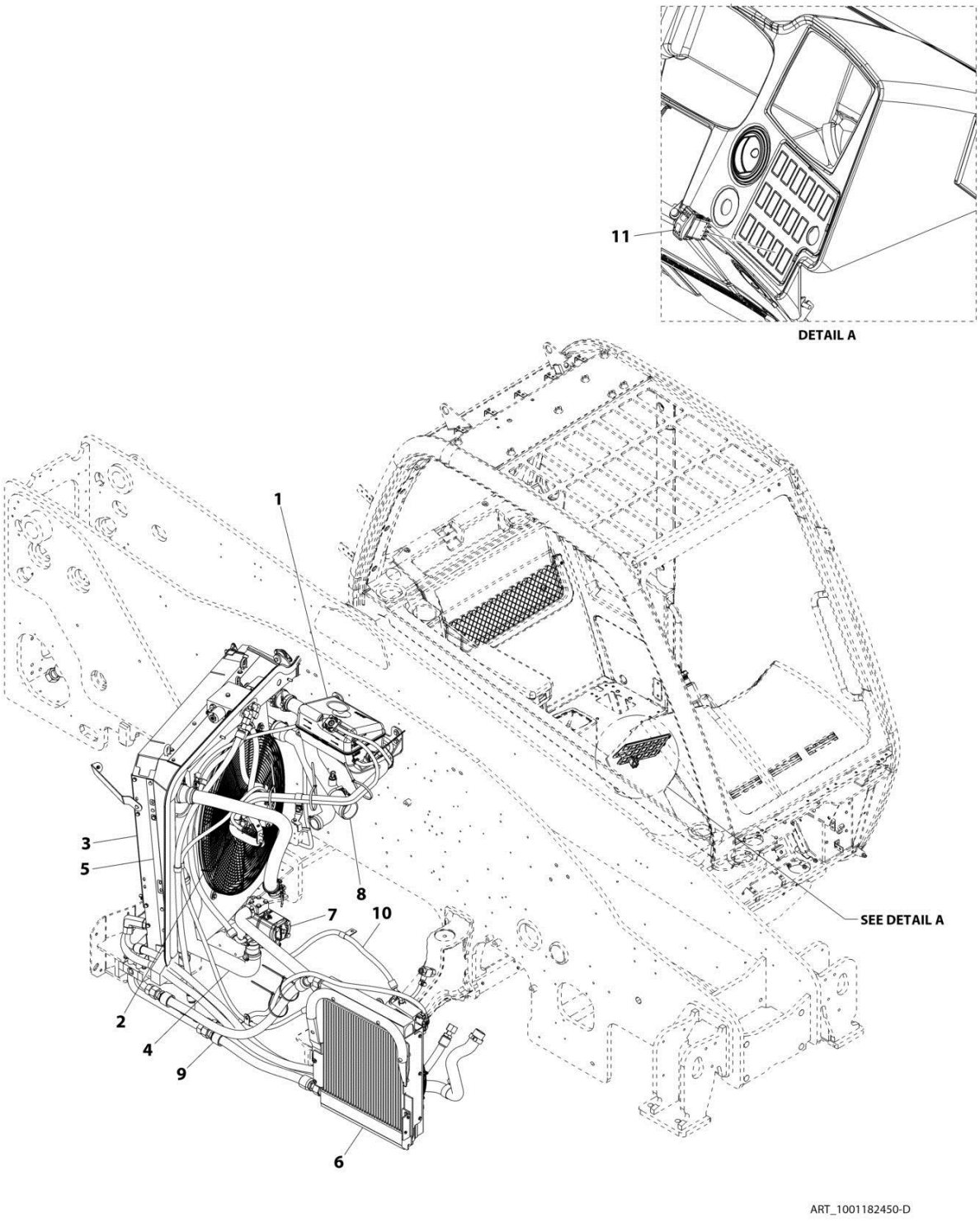


FIGURE 4-22. COOLING PACKAGE INSTALLATION (90KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182450	Ref	Cooling Package Installation (90KW - ULS)	D
1	1001179864	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182112	Ref	Installation, Cooling Fan (See Separate Breakdown in this Section)	
3	1001184062	Ref	Installation, Cooler (90KW) (See Separate Breakdown in this Section)	
4	1001184120	Ref	Installation, Coolant Lines (ULS) (See Separate Breakdown in this Section)	
5	1001184955	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
6	1001185337	Ref	Installation, Remote HOC (See Separate Breakdown in this Section)	
7	1001185864	Ref	Installation, Hydraulic Pump (90KW) (See Separate Breakdown in this Section)	
8	1001186849	Ref	Installation, CAC Lines (ULS) (See Separate Breakdown in this Section)	
9	1001183076	Ref	Installation, Cooler Lines (90KW) (See Separate Breakdown in this Section)	
10	1001187276	Ref	Installation, Fan Lines (90KW) (See Separate Breakdown in this Section)	
11	1001145204	1	Switch, Reversing Fan	

FIGURE 4-23. COOLING PACKAGE INSTALLATION (90KW - LS)

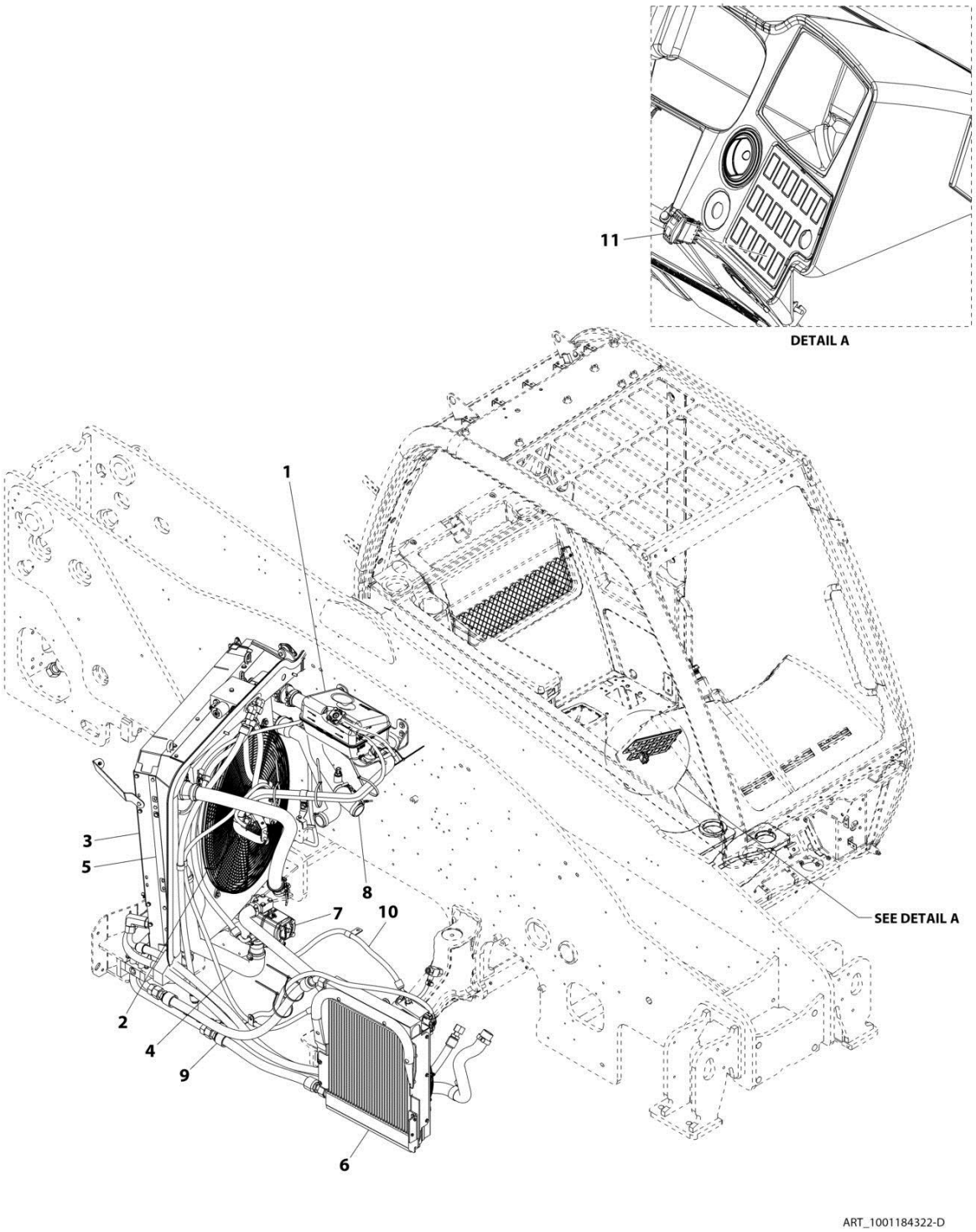


FIGURE 4-23. COOLING PACKAGE INSTALLATION (90KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184322	Ref	Cooling Package Installation (90KW - LS)	D
1	1001179864	Ref	Installation, Surge Tank (See Separate Breakdown in this Section)	
2	1001182112	Ref	Installation, Cooling Fan (See Separate Breakdown in this Section)	
3	1001184062	Ref	Installation, Cooler (90KW) (See Separate Breakdown in this Section)	
4	1001184132	Ref	Installation, Coolant Lines (LS) (See Separate Breakdown in this Section)	
5	1001184955	Ref	Installation, Bulkhead (See Separate Breakdown in this Section)	
6	1001185337	Ref	Installation, Remote HOC (See Separate Breakdown in this Section)	
7	1001185864	Ref	Installation, Hydraulic Pump (90KW) (See Separate Breakdown in this Section)	
8	1001186848	Ref	Installation, CAC Lines (LS) (See Separate Breakdown in this Section)	
9	1001183076	Ref	Installation, Cooler Lines (90KW) (See Separate Breakdown in this Section)	
10	1001187276	Ref	Installation, Fan Lines (90KW) (See Separate Breakdown in this Section)	
11	1001145204	1	Switch, Reversing Fan	

FIGURE 4-24. COOLING FAN INSTALLATION

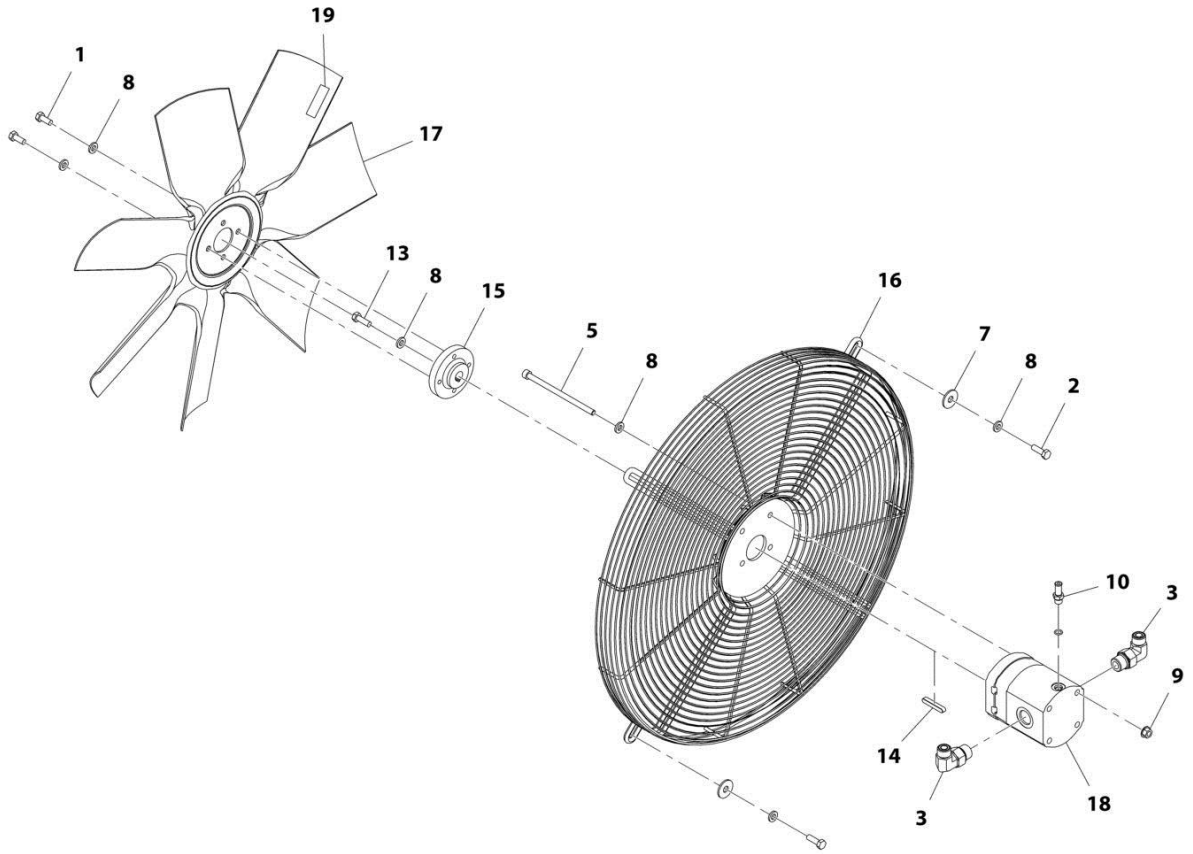


FIGURE 4-24. COOLING FAN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182112	Ref	Cooling Fan Installation	E
1	0770810	4	Bolt, M8X20 Grade 10.9	
2	0760812	4	Bolt, M8X25	
3	2130810	2	Fitting, 90 ORFS	
5	4031927	4	Bolt, M8X140	
7	4812002	4	Washer, M10	
8	5240800	13	Washer, M8	
9	5260800	4	Nut, M10	
10	1001093401	1	Fitting, Straight ORFS	
13	1001139034	1	Bolt	
14	1001152940	1	Key, Fan Hub	
15	1001191508	1	Adapter, Fan Hub	
16	1001182111	1	Shield, Fan	
17	1001182193	1	Fan, M610	
18	1001182949	1	Motor, Fan Drive (14.53CC) (See Separate Breakdown in this Section)	
19	1001222573	AR	Reflective Tape	

FIGURE 4-25. FAN LINES INSTALLATION (74.4KW)

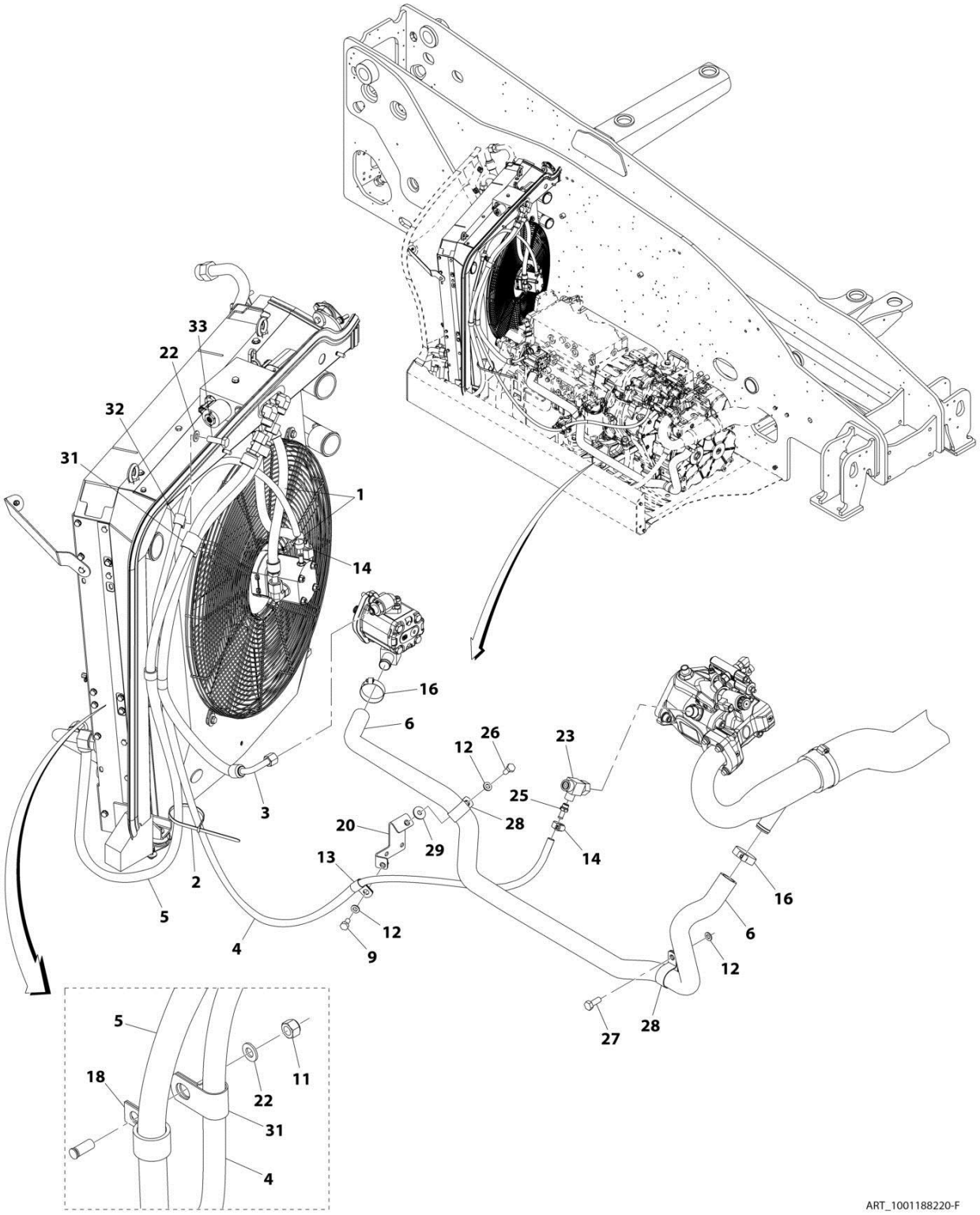


FIGURE 4-25. FAN LINES INSTALLATION (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188220	Ref	Fan Lines Installation (74.4KW)	F
1	1001187277	2	Hose	
2	1062255	1	Strap, Tie	
3	1001200798	1	Hose, 0.50IN ORFS	
4	1001187550	1	Hose **(Prior to SN 1160008434)**	
4	1001220551	1	Hose **(SN 1160008434 to Present)**	
5	1001203287	1	Hose, 0.63IN ORFS **(Prior to SN 1160008434)**	
5	1001221993	1	Hose **(SN 1160008434 to Present)**	
6	1001202484	1	Hose, 1.25IN	
9	0761010	1	Bolt, M10X20	
11	3290805	1	Nut, Lock M8X1.25 Grade 8	
12	4812000	3	Washer, M10	
13	8406105	1	Clip	
14	8410013	2	Clamp, Gear	
16	1001008657	2	Clamp, Hose	
18	1001009384	1	Clip	
20	1001187712	1	Bracket	
22	4811900	2	Washer, M8	
23	1001033120	1	Fitting, Tee ORFS	
25	1001168030	1	Barb, Hose	
26	0701012	1	Bolt, M10X25	
27	0701214	1	Bolt, M12X30	
28	1320239	2	Clamp, 1-3/4IN	
29	4812002	1	Washer, M10	
31	1001008720	2	Clip	
32	1001008626	1	Clip	
33	0760812	1	Bolt, M8X25	

FIGURE 4-26. FAN LINES INSTALLATION (90KW)

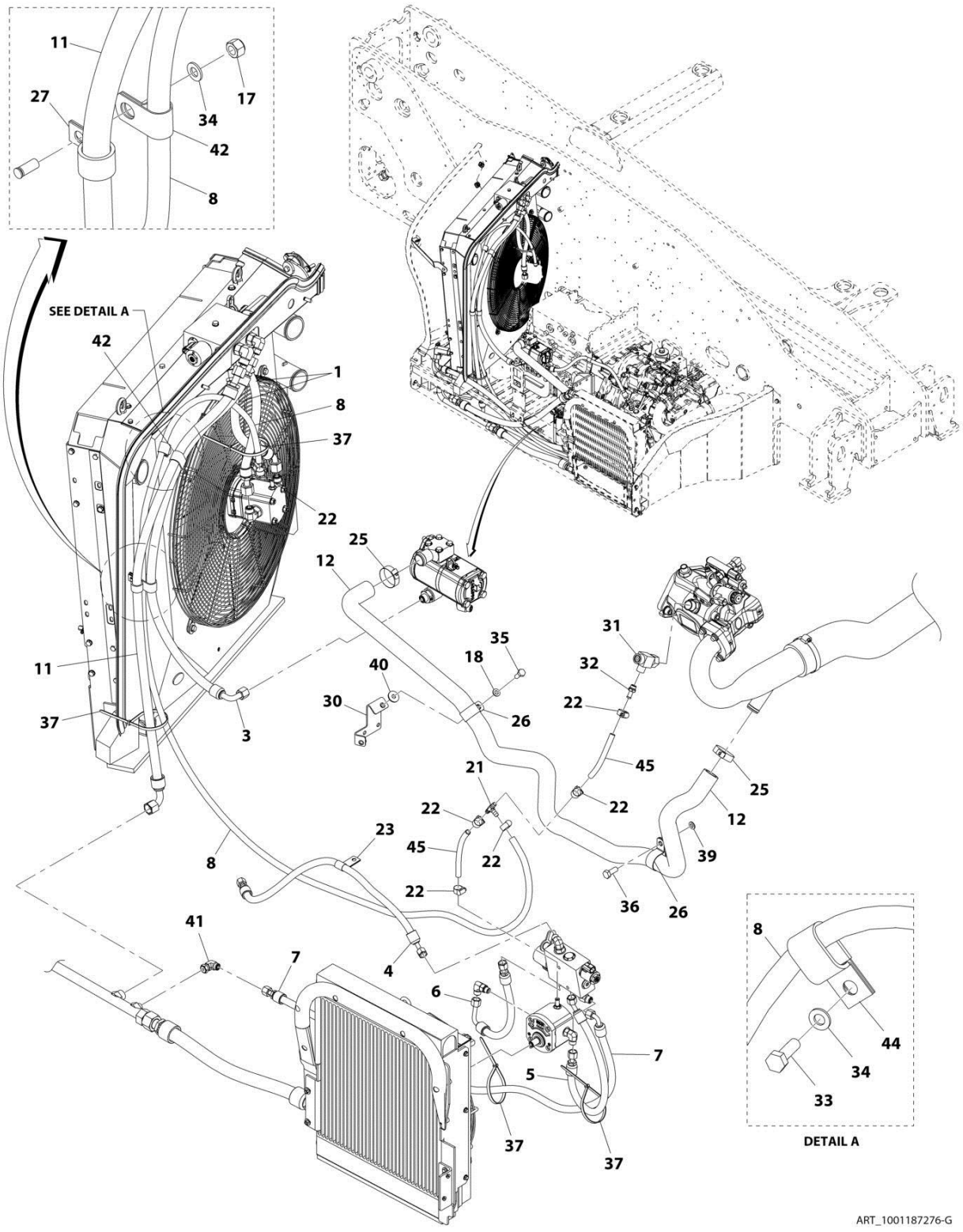


FIGURE 4-26. FAN LINES INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187276	Ref	Fan Lines Installation (90KW)	G
1	1001187277	2	Hose	
3	1001203025	1	Hose, ORFS	
4	1001202922	1	Hose, ORFS	
5	1001220145	NLA	Hose, ORFS (no longer available, use 1001229063 for replacement)	
5	1001229063	1	Hose, ORFS	
6	1001187407	NLA	Hose (no longer available, use 1001229068 for replacement)	
6	1001229068	1	Hose, ORFS	
7	1001196662	NLA	Hose, ORFS (no longer available, use 1001228931 for replacement)	
7	1001228931	1	Hose, ORFS	
8	1001187550	NLA	Hose (no longer available, use 1001228929 for replacement)	
8	1001228929	1	Hose	
9	1001187551	NLA	Hose (no longer available, use 1001228930 for replacement)	
10	1001187552	NLA	Hose (no longer available, use 1001228930 for replacement)	
11	1001203178	1	Hose, ORFS	
12	1001199403	1	Hose	
17	3290805	1	Nut, Lock M8X1.25 Grade 8	
18	4812000	1	Washer, M10	
21	1001003934	1	Fitting, Tee Barb	
22	8410013	6	Clamp, Gear	
23	1001004143	1	Clip	
25	1001008657	2	Clamp, Hose	
26	1320239	2	Clamp, 1-3/4IN	
27	1001009384	1	Clip	
30	1001187712	1	Bracket	
31	1001033120	1	Fitting, Tee ORFS	
32	1001168030	1	Barb, Hose	
33	0760812	1	Bolt, M8X25	
34	4811900	2	Washer, M8	
35	0701012	1	Bolt, M10X25	
36	0701214	1	Bolt, M12X30	
37	1062255	4	Strap, Tie	
39	4812100	1	Washer, M12	
40	4812002	1	Washer, M10	
41	2172106	1	Fitting, 90 ORFS	
42	1001008720	2	Clip	
44	1001008626	1	Clip	
45	1001228930	1	Hose	

FIGURE 4-27. FAN DRIVE MOTOR (NO RHOC)

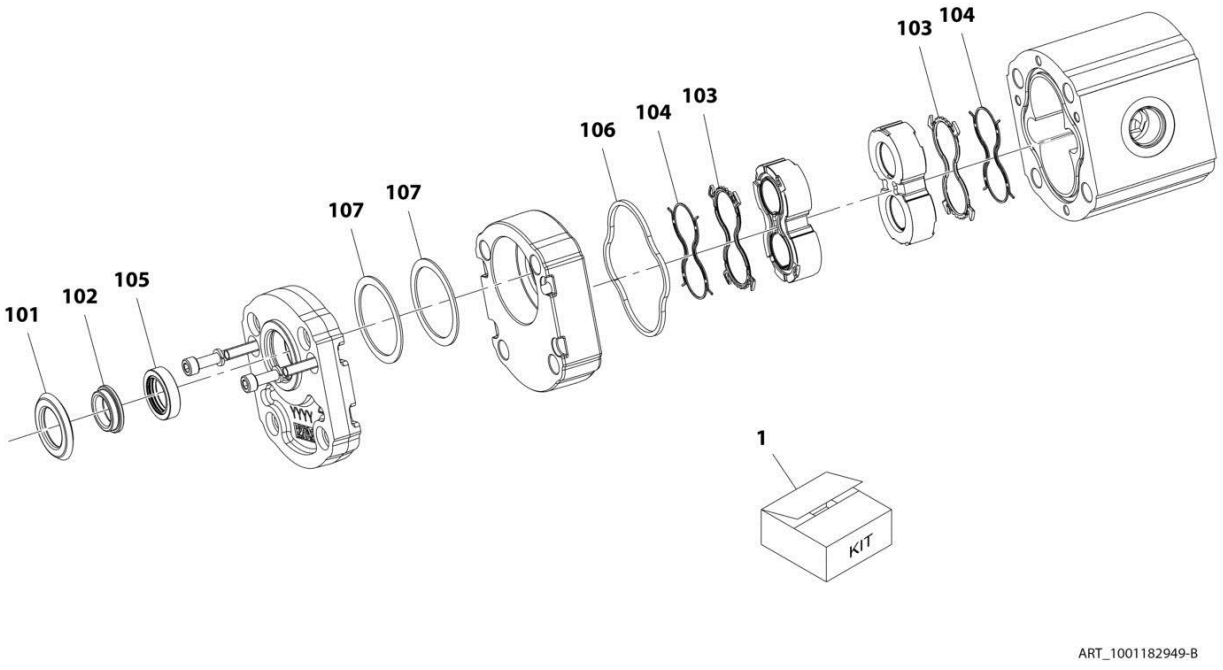


FIGURE 4-27. FAN DRIVE MOTOR (NO RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182949	Ref	Fan Drive Motor (No RHOC)	B
1	70027008	1	Kit, Seal	
101	Kit	1	Seal	
102	Kit	1	Holder Bushing	
103	Kit	2	Seal	
104	Kit	2	Ring, Anti-Extrusion	
105	Kit	1	Seal, Shaft	
106	Kit	1	Seal	
107	Kit	2	Seal	

FIGURE 4-28. FAN DRIVE MOTOR (RHOC)

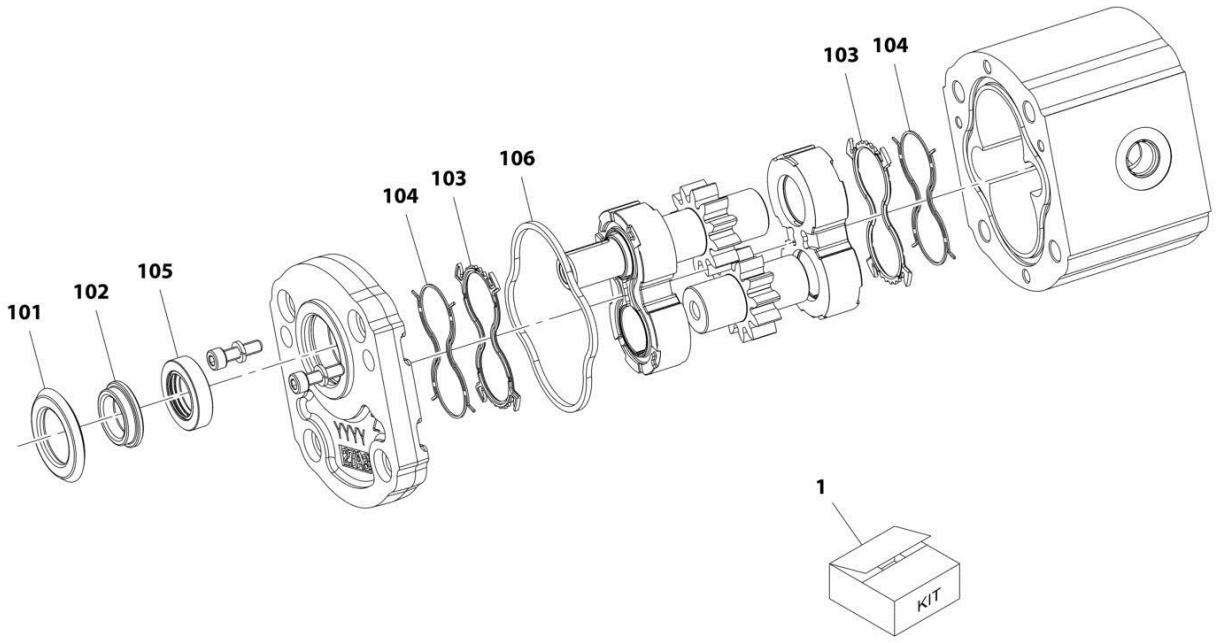


FIGURE 4-28. FAN DRIVE MOTOR (RHOC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182950	Ref	Fan Drive Motor (RHOC)	B
1	70027037	1	Kit, Seal	
101	N.S.S.	1	Seal, Axial	
102	N.S.S.	1	Bush Holder	
103	N.S.S.	2	Seal	
104	N.S.S.	2	Ring	
105	N.S.S.	1	Seal	
106	N.S.S.	1	Seal	

FIGURE 4-29. PRIMARY FUEL FILTER INSTALLATION (74.4KW - ULS)

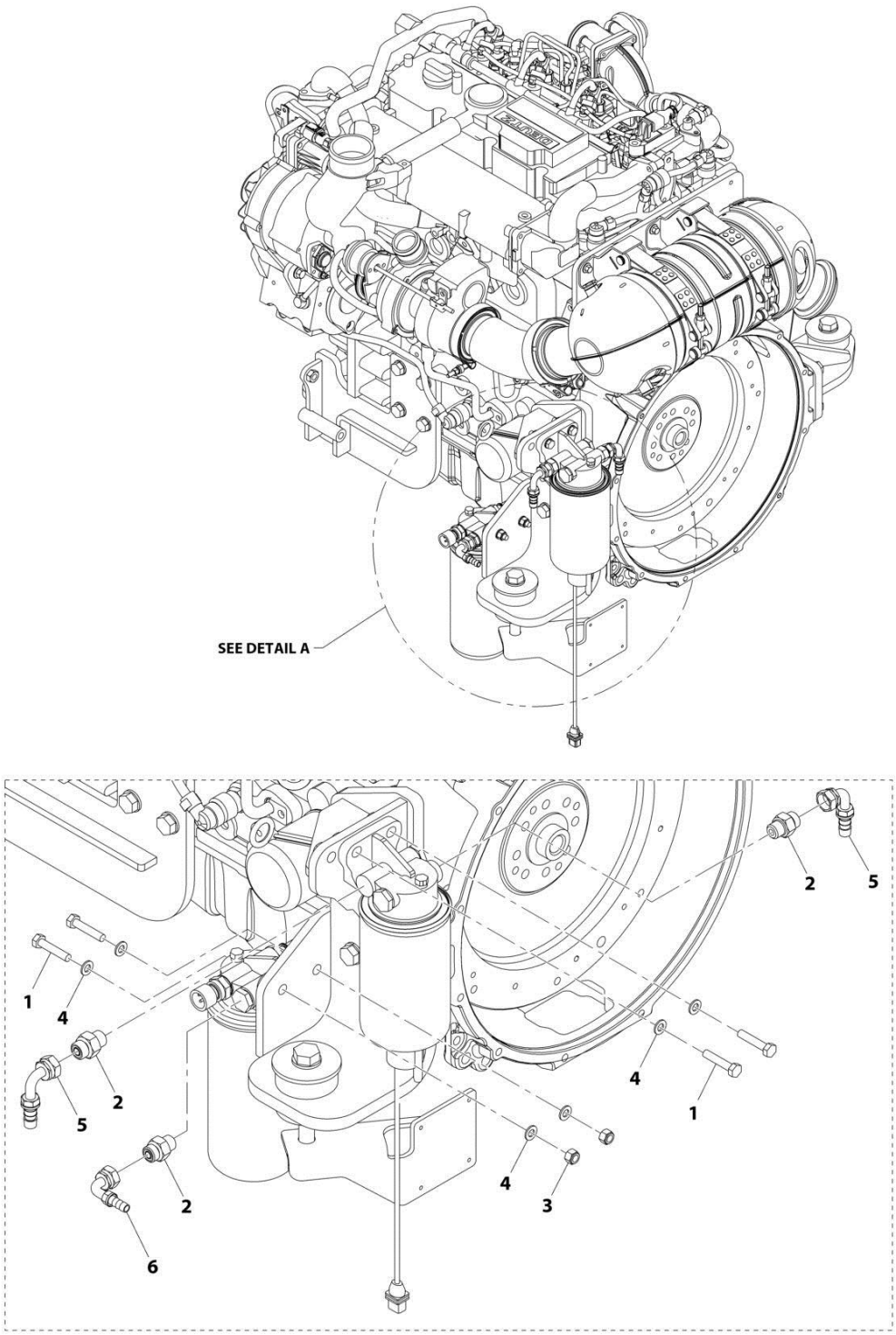
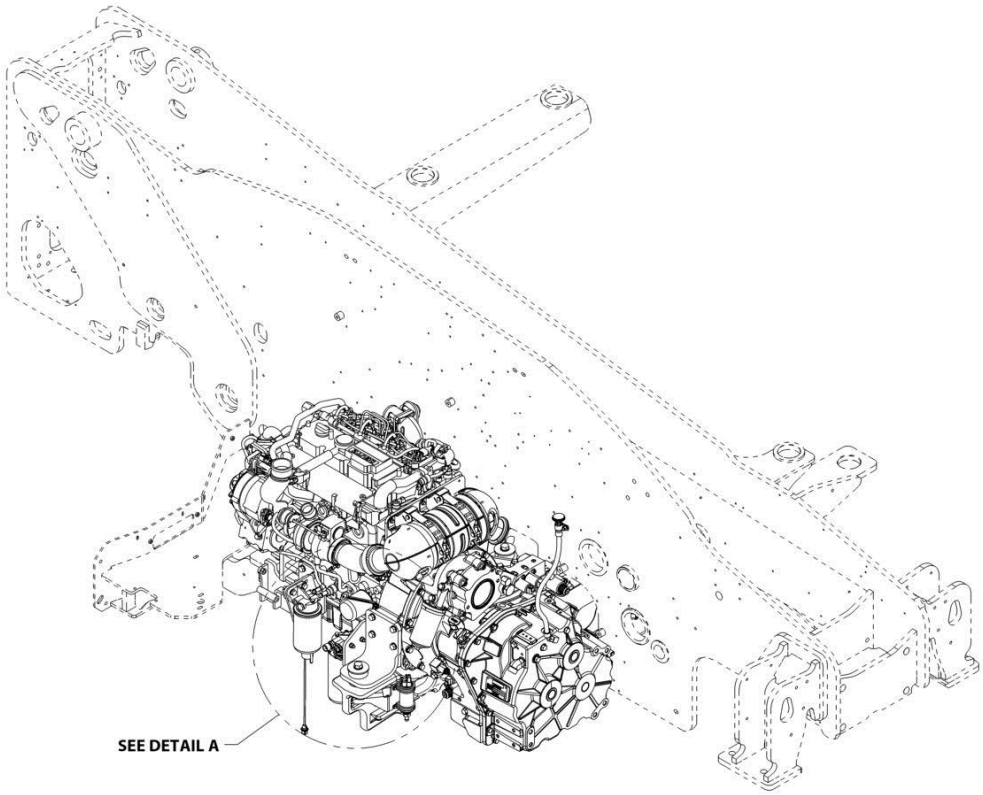
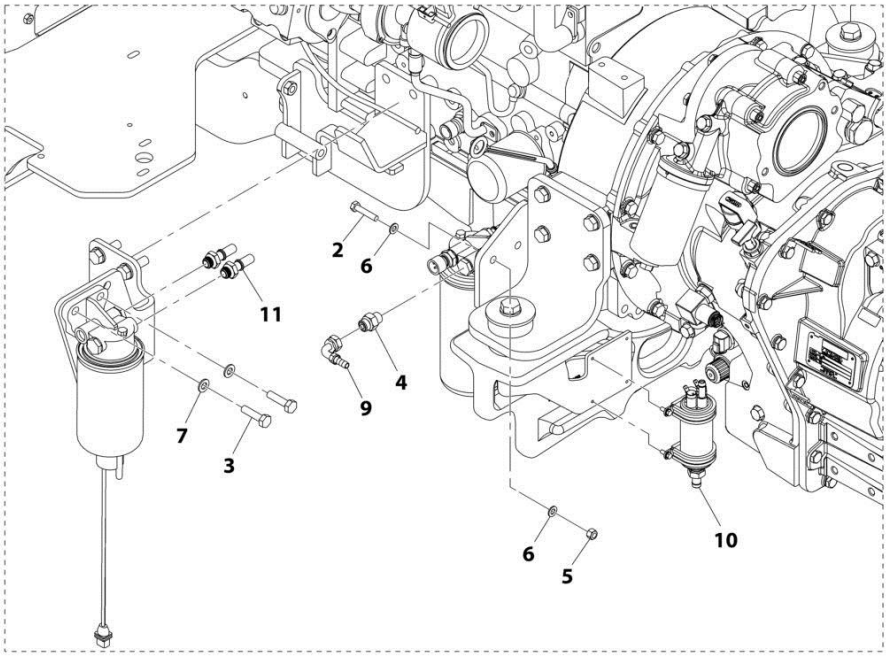


FIGURE 4-29. PRIMARY FUEL FILTER INSTALLATION (74.4KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211729	Ref	Primary Fuel Filter Installation (74.4KW - ULS)	C
1	0700816	4	Bolt, M8X40	
2	2144606	3	Fitting, Straight ORFS	
3	3290805	2	Nut, Lock M8X1.25 Grade 8	
4	4811900	6	Washer, M8	
5	1001095301	2	Fitting, 90 ORFS	
6	1001133793	1	Fitting, 90 ORFS	

FIGURE 4-30. FUEL FILTER INSTALLATION (90/100KW - ULS)





DETAIL A

ART_1001181951-F

FIGURE 4-30. FUEL FILTER INSTALLATION (90/100KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181951	Ref	Fuel Filter Installation (90/100KW - ULS)	F
2	0700816	2	Bolt, M8X40	
3	0701016	2	Bolt, M10X40	
4	2144606	1	Fitting, Straight ORFS	
5	3290805	2	Nut, Lock M8X1.25 Grade 8	
6	4811900	4	Washer, M8	
7	4812000	2	Washer, M10	
9	1001133793	1	Fitting, 90 ORFS	
10	1001165789	Ref	Installation, Remote Fuel Pump (74.4KW) (See Separate Breakdown in this Section)	
11	1001133690	2	Coupling, M16X1.5	

FIGURE 4-31. PRIMARY FUEL FILTER INSTALLATION (90KW - LS)

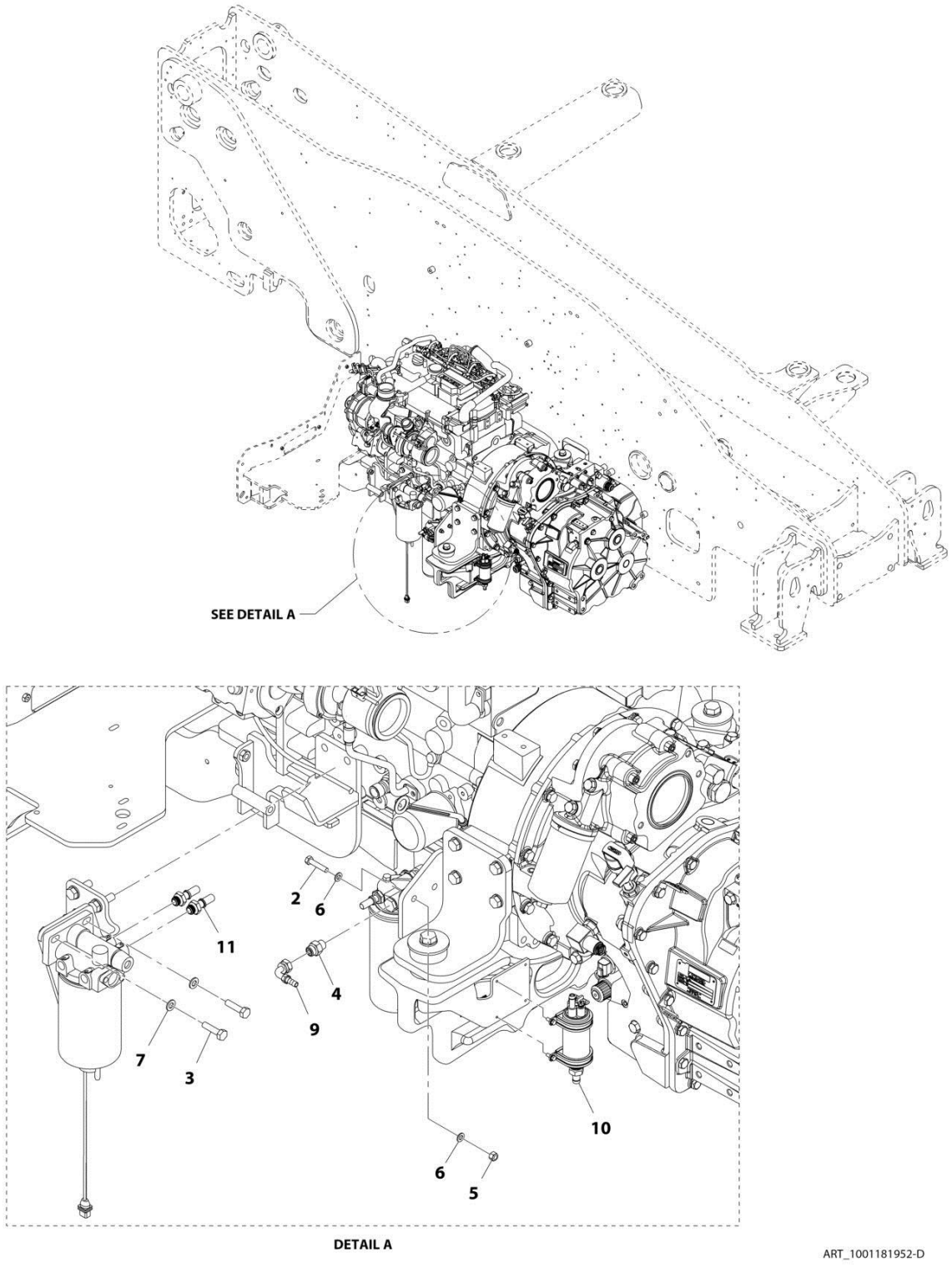


FIGURE 4-31. PRIMARY FUEL FILTER INSTALLATION (90KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181952	Ref	Primary Fuel Filter Installation (90KW - LS)	D
2	0700816	2	Bolt, M8X40	
3	0701016	2	Bolt, M10X40	
4	2144606	1	Fitting, Straight ORFS	
5	3290805	2	Nut, Lock M8X1.25 Grade 8	
6	4811900	4	Washer, M8	
7	4812000	2	Washer, M10	
9	1001133793	1	Fitting, 90 ORFS	
10	1001165789	Ref	Installation, Remote Fuel Pump (74.4KW) (See Separate Breakdown in this Section)	
11	1001133690	2	Coupling, M16X1.5	

FIGURE 4-32. PRIMARY FUEL FILTER INSTALLATION (74.4KW - LS)

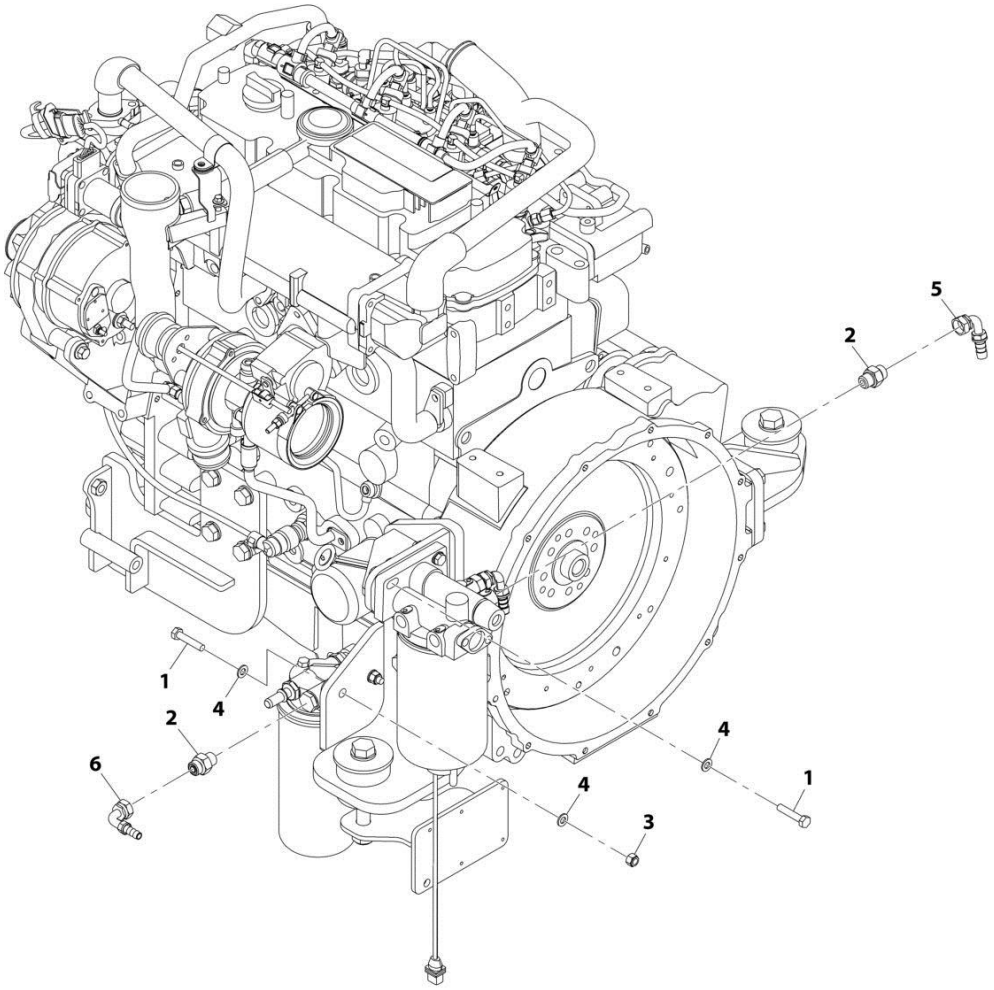


FIGURE 4-32. PRIMARY FUEL FILTER INSTALLATION (74.4KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211730	Ref	Primary Fuel Filter Installation (74.4KW - LS)	A
1	0700816	4	Bolt, M8X40	
2	2144606	3	Fitting, Straight ORFS	
3	3290805	2	Nut, Lock M8X1.25 Grade 8	
4	4811900	6	Washer, M8	
5	1001095301	2	Fitting, 90 ORFS	
6	1001133793	1	Fitting, 90 ORFS	

FIGURE 4-33. AIR CLEANER INSTALLATION (74.4KW - ULS)

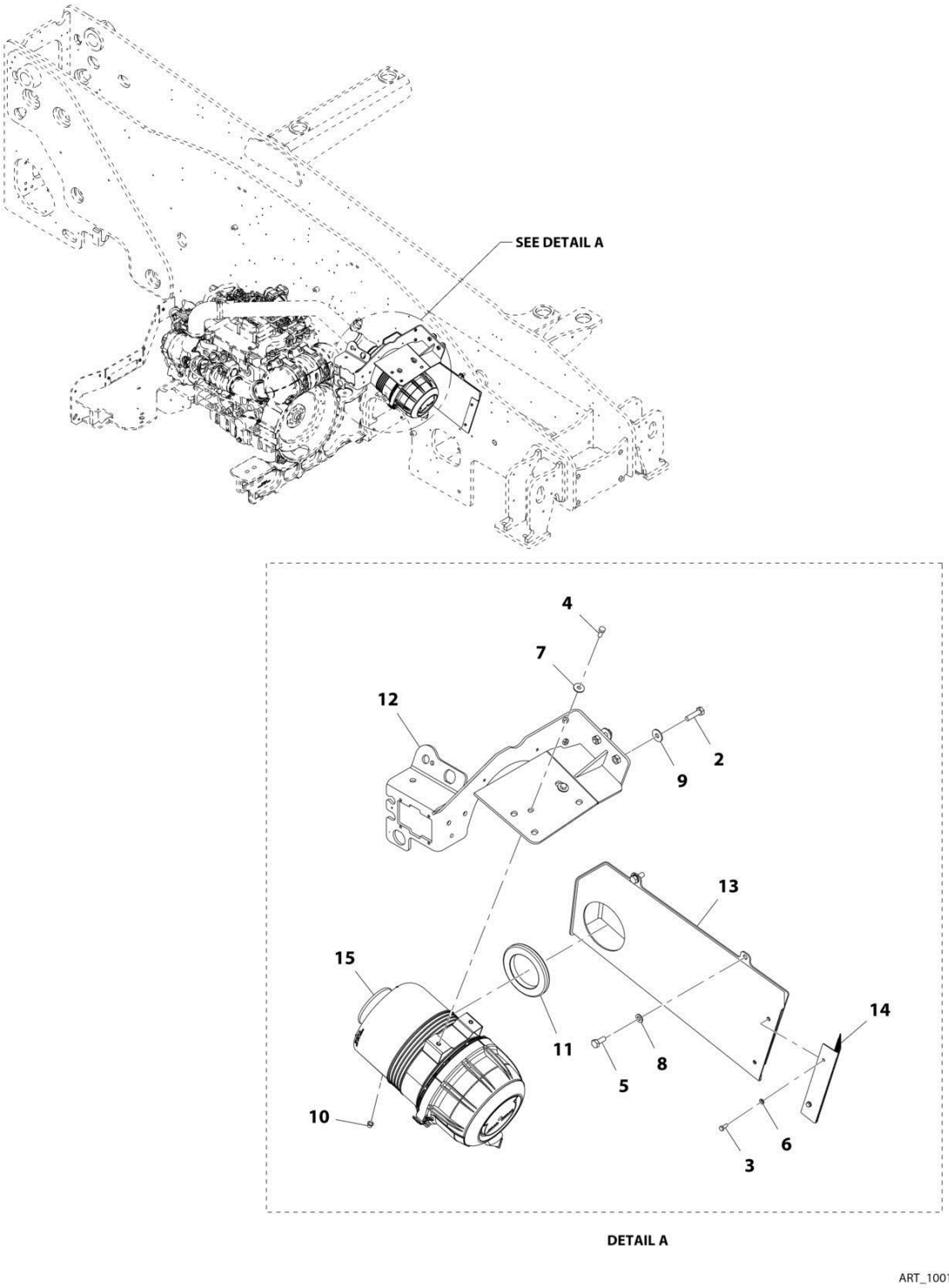


FIGURE 4-33. AIR CLEANER INSTALLATION (74.4KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182040	Ref	Air Cleaner Installation (74.4KW - ULS)	D
2	0701016	3	Bolt, M10X40	
3	0760608	2	Bolt, M6X16	
4	0760810	2	Bolt, M8X20	
5	0761012	4	Bolt, M10X25	
6	4811700	2	Washer, M6	
7	4811902	2	Washer, M8	
8	4812000	4	Washer, M10	
9	4812002	3	Washer, M10	
10	1001183177	1	Cap	
11	1001183830	1	Grommet	
12	1001212907	1	Bracket	
13	1001186009	1	Duct	
14	1001186290	1	Grill	
15	1001166566	1	Filter, Air Cleaner (74.4KW) (See Separate Breakdown in this Section)	

FIGURE 4-34. AIR CLEANER INSTALLATION (90/100KW)

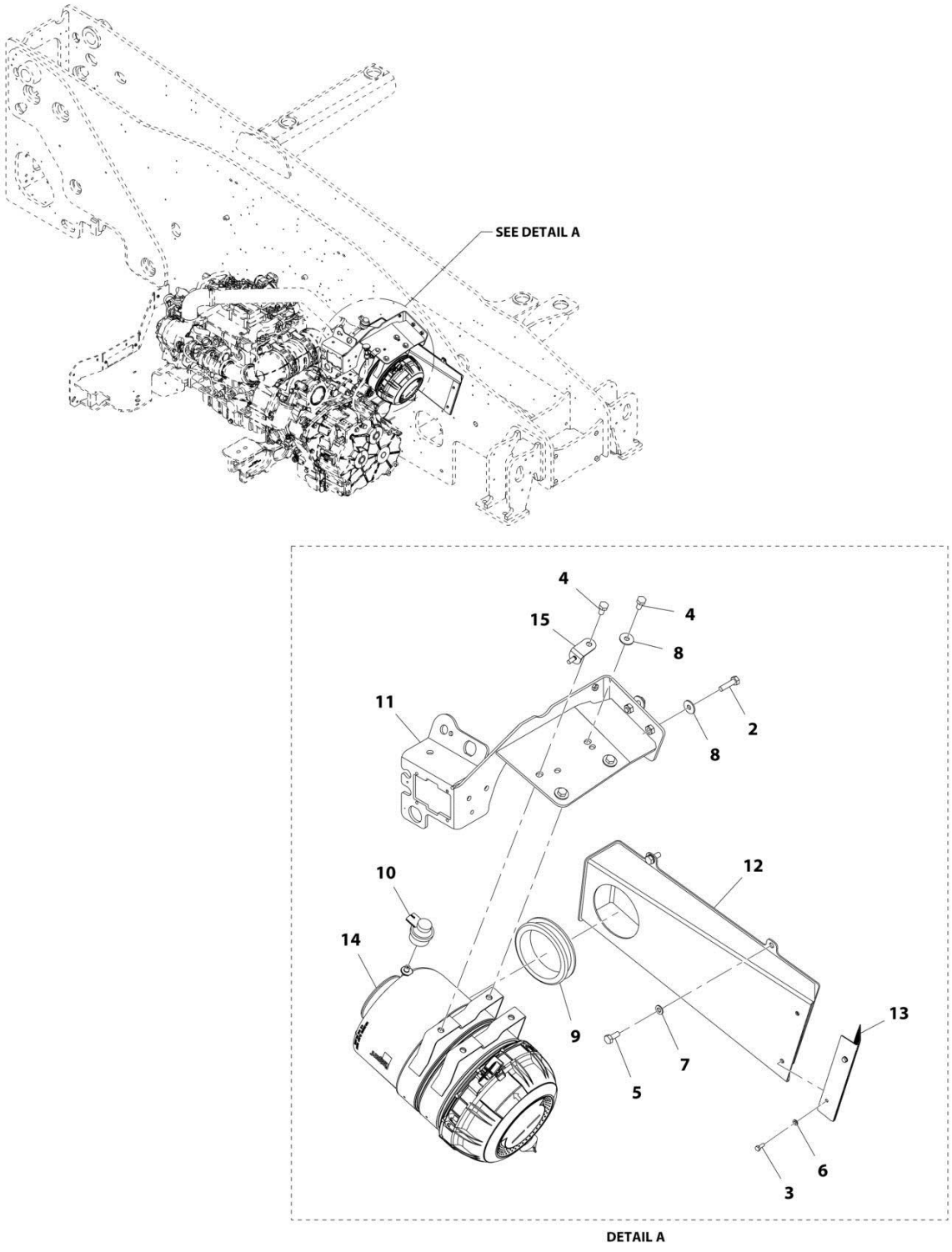


FIGURE 4-34. AIR CLEANER INSTALLATION (90/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182036	Ref	Air Cleaner Installation (90/100KW)	F
2	0701016	3	Bolt, M10X40	
3	0760608	2	Bolt, M6X16	
4	0761010	4	Bolt, M10X20	
5	0761012	4	Bolt, M10X25	
6	4811700	2	Washer, M6	
7	4812000	4	Washer, M10	
8	4812002	6	Washer, M10	
9	1001166397	1	Grommet	
10	1001166715	1	Indicator	
11	1001212906	1	Bracket	
12	1001186009	1	Duct	
13	1001186290	1	Grill	
14	1001166565	1	Filter, Air Cleaner (90/100KW) (See Separate Breakdown in this Section)	
15	1001218486	1	Bracket	

FIGURE 4-35. AIR CLEANER INSTALLATION (74.4KW - LS)

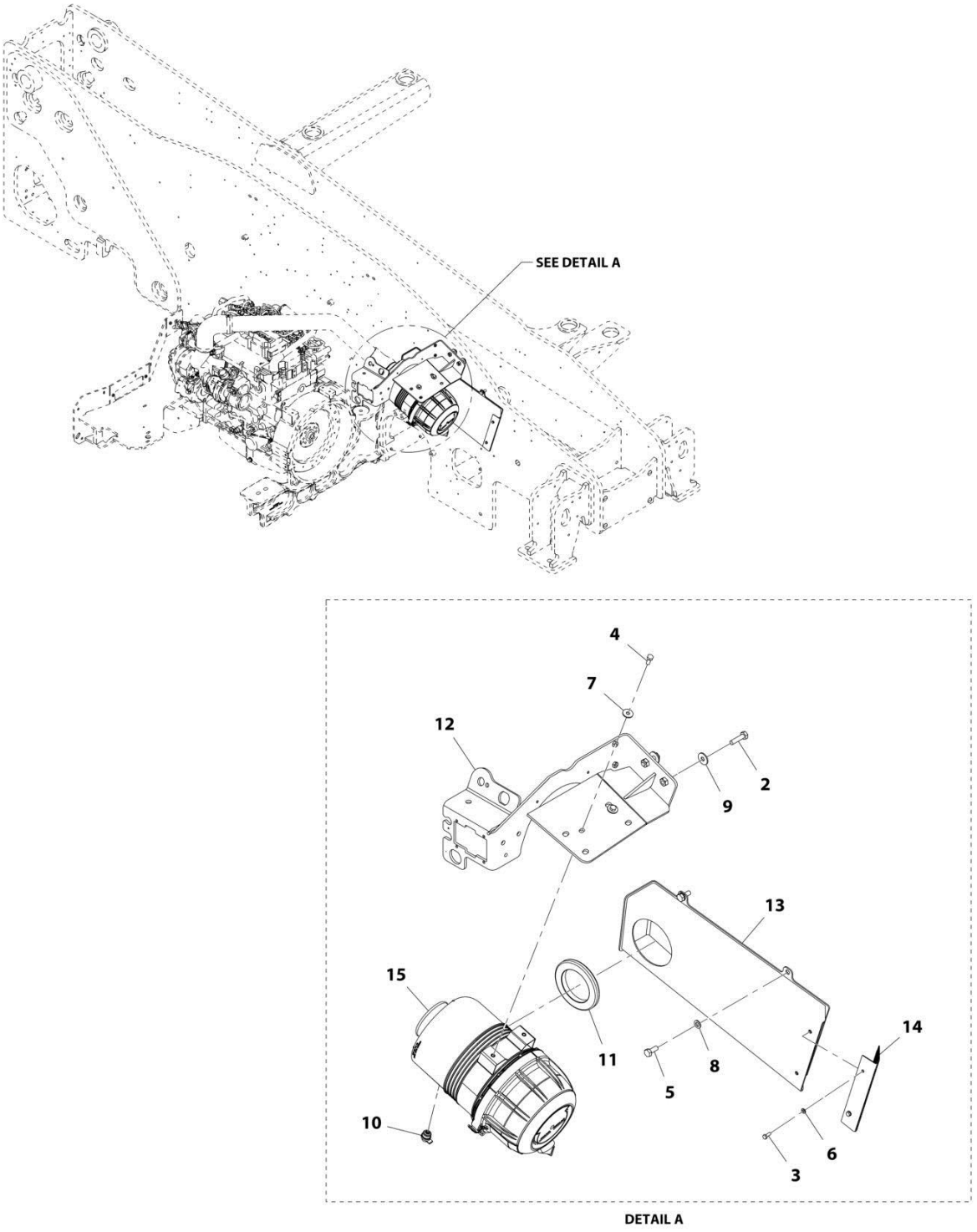


FIGURE 4-35. AIR CLEANER INSTALLATION (74.4KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182042	Ref	Air Cleaner Installation (74.4KW - LS)	D
2	0701016	3	Bolt, M10X40	
3	0760608	2	Bolt, M6X16	
4	0760810	2	Bolt, M8X20	
5	0761012	4	Bolt, M10X25	
6	4811700	2	Washer, M6	
7	4811902	2	Washer, M8	
8	4812000	4	Washer, M10	
9	4812002	3	Washer, M10	
10	1001166715	1	Indicator	
11	1001183830	1	Grommet	
12	1001212907	1	Bracket	
13	1001186009	1	Duct	
14	1001186290	1	Grill	
15	1001166566	1	Filter, Air Cleaner (74.4KW) (See Separate Breakdown in this Section)	

FIGURE 4-36. AIR CLEANER ASSEMBLY (74.4KW)

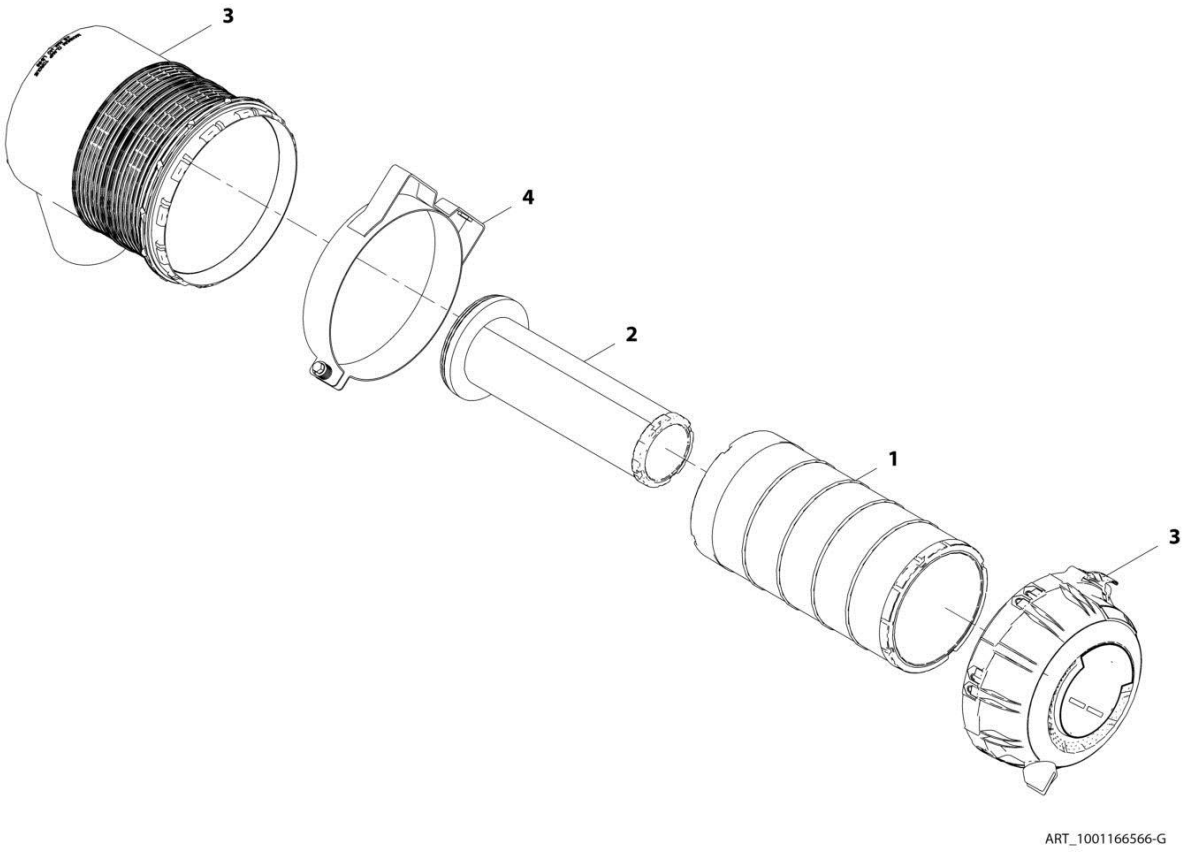


FIGURE 4-36. AIR CLEANER ASSEMBLY (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166566	Ref	Air Cleaner Assembly (74.4KW)	G
1	70025852	1	Filter, Air Cylindrical Primary	
2	70025853	1	Filter, Air Cylindrical Secondary	
3	70026393	1	Cover, Air Cleaner	
4	70026394	1	Bracket, Mounting Band	

FIGURE 4-37. AIR CLEANER ASSEMBLY (90/100KW)

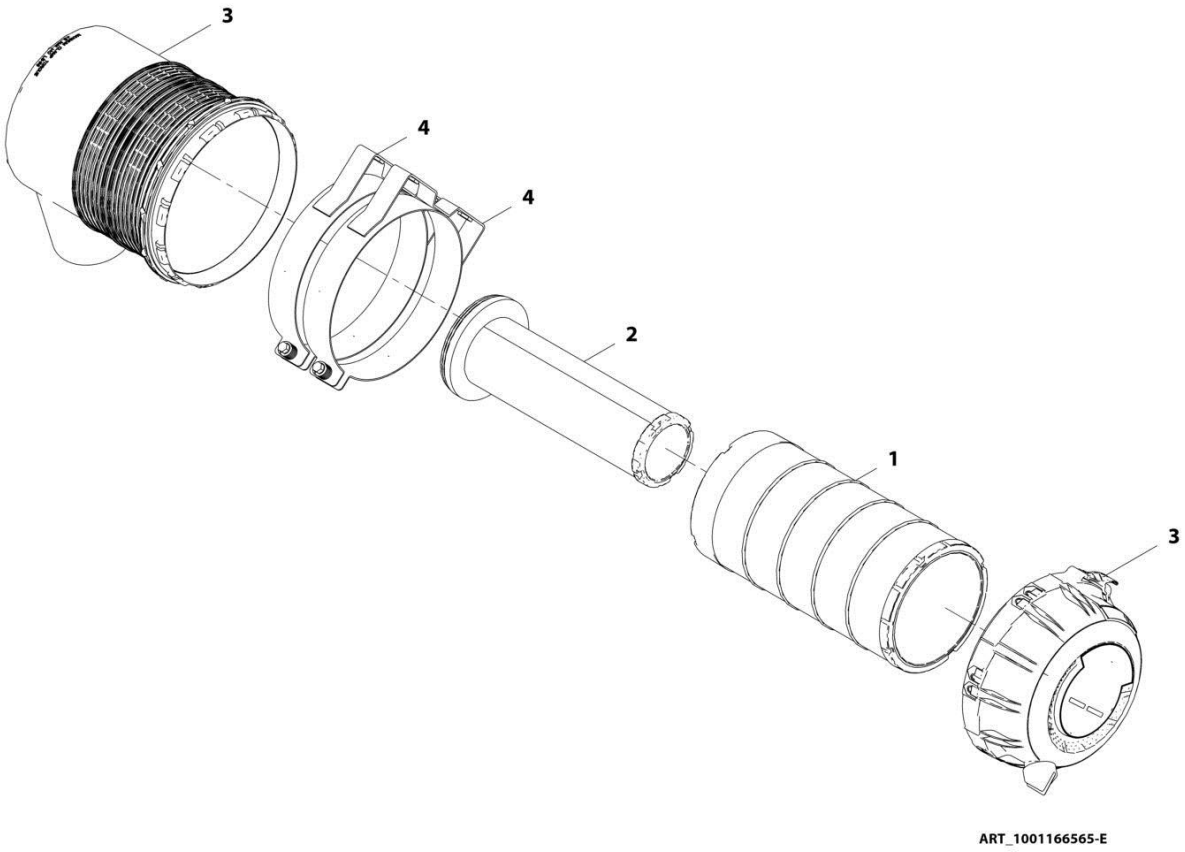


FIGURE 4-37. AIR CLEANER ASSEMBLY (90/100KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166565	Ref	Air Cleaner Assembly (90/100KW)	E
1	70025850	1	Filter, Cylindrical Air Primary	
2	70025851	1	Filter, Cylindrical Air Secondary	
3	70026395	1	Cover	
4	70026396	2	Bracket	

FIGURE 4-38. AIR INTAKE LINES INSTALLATION (74.4KW - ULS)

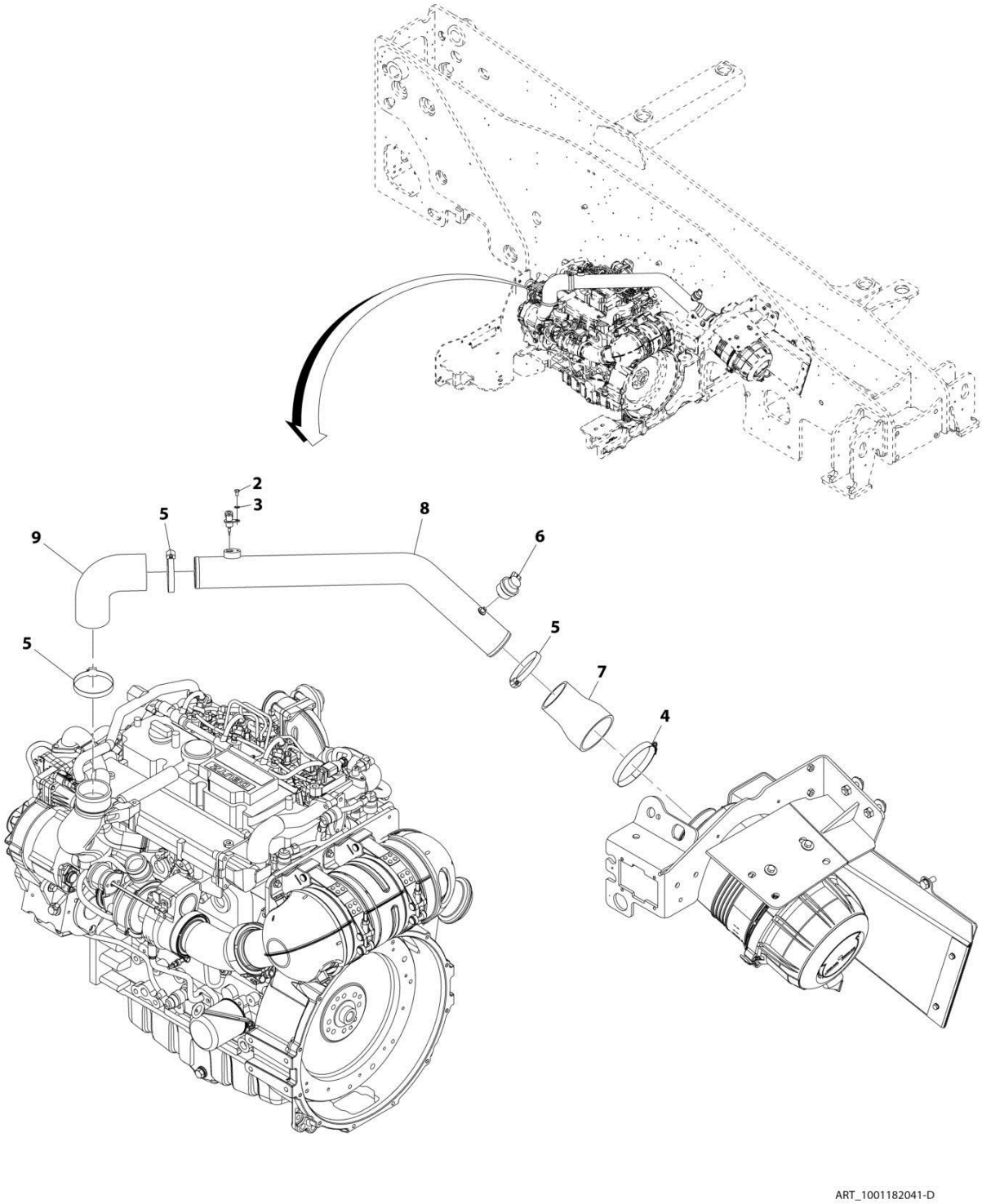


FIGURE 4-38. AIR INTAKE LINES INSTALLATION (74.4KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182041	Ref	Air Intake Lines Installation (74.4KW - ULS)	D
2	0760605	1	Bolt, M6X10	
3	4811700	1	Washer, M6	
4	8405402	1	Clamp	
5	8410011	3	Clamp, Gear	
6	1001166715	1	Indicator	
7	1001175586	1	Sleeve	
8	1001182880	1	Tube	
9	1001182881	1	Hose	

FIGURE 4-39. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)

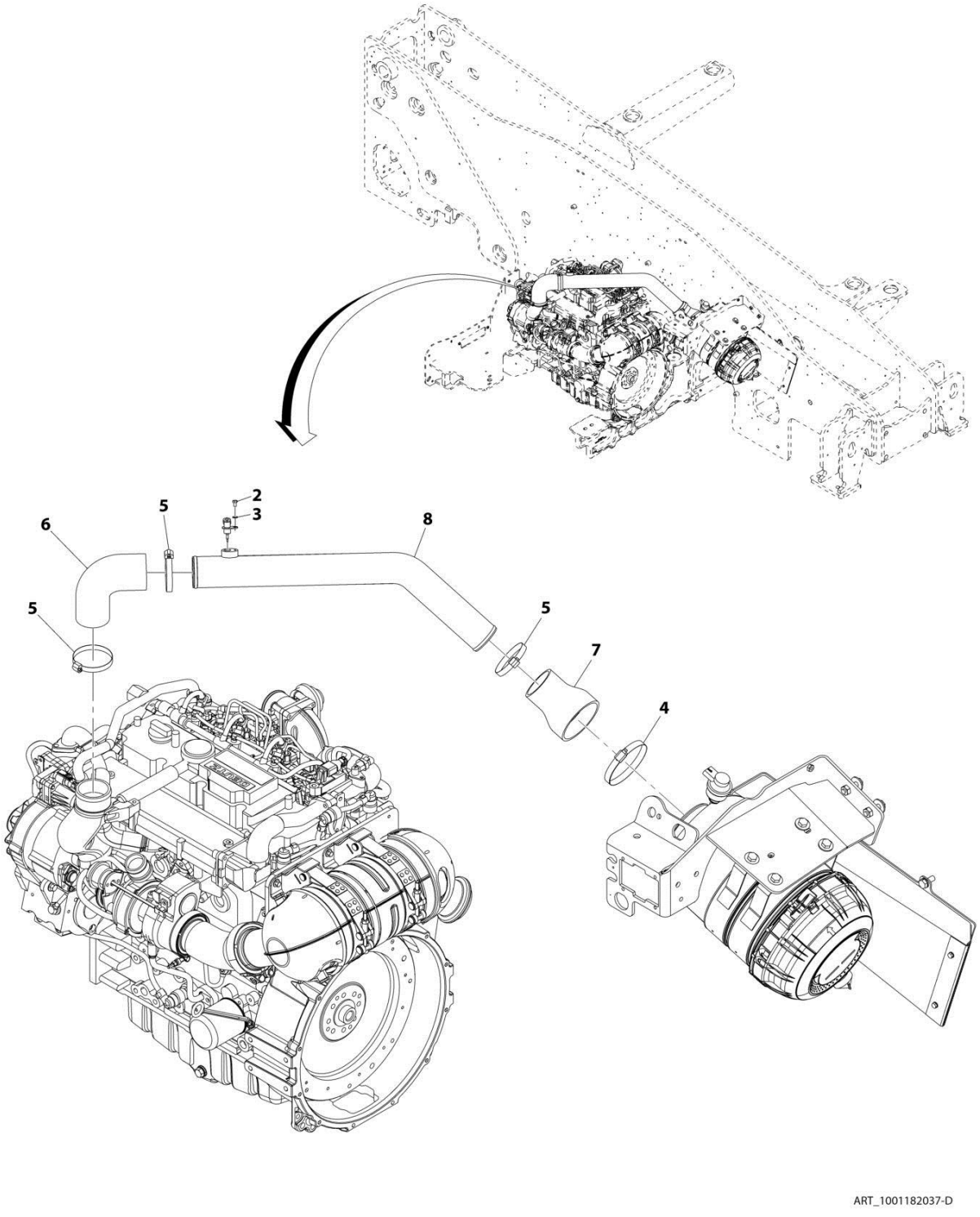


FIGURE 4-39. AIR INTAKE LINES INSTALLATION (90/100KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182037	Ref	Air Intake Lines Installation (90/100KW - ULS)	D
2	0760605	1	Bolt, M6X10	
3	4811700	1	Washer, M6	
4	8405402	1	Clamp	
5	8410011	3	Clamp, Gear	
6	1001182881	1	Hose	
7	1001182885	1	Hose	
8	1001182886	1	Tube	

FIGURE 4-40. AIR INTAKE LINES INSTALLATION (74.4KW - LS)

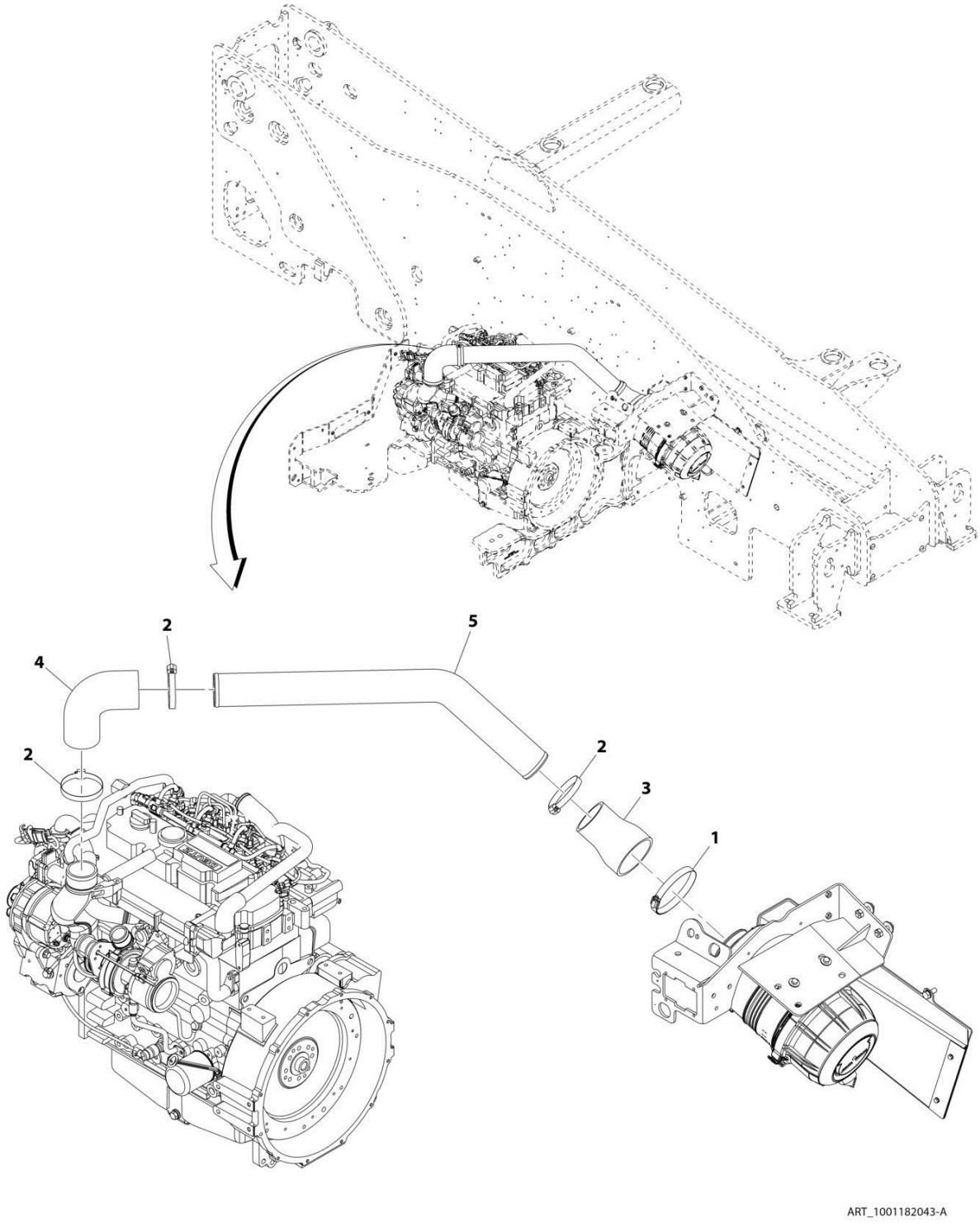


FIGURE 4-40. AIR INTAKE LINES INSTALLATION (74.4KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182043	Ref	Air Intake Lines Installation (74.4KW - LS)	A
1	8405402	1	Clamp	
2	8410011	3	Clamp, Gear	
3	1001175586	1	Sleeve	
4	1001182881	1	Hose	
5	1001182887	1	Tube	

FIGURE 4-41. AIR INTAKE LINES INSTALLATION (90KW - LS)

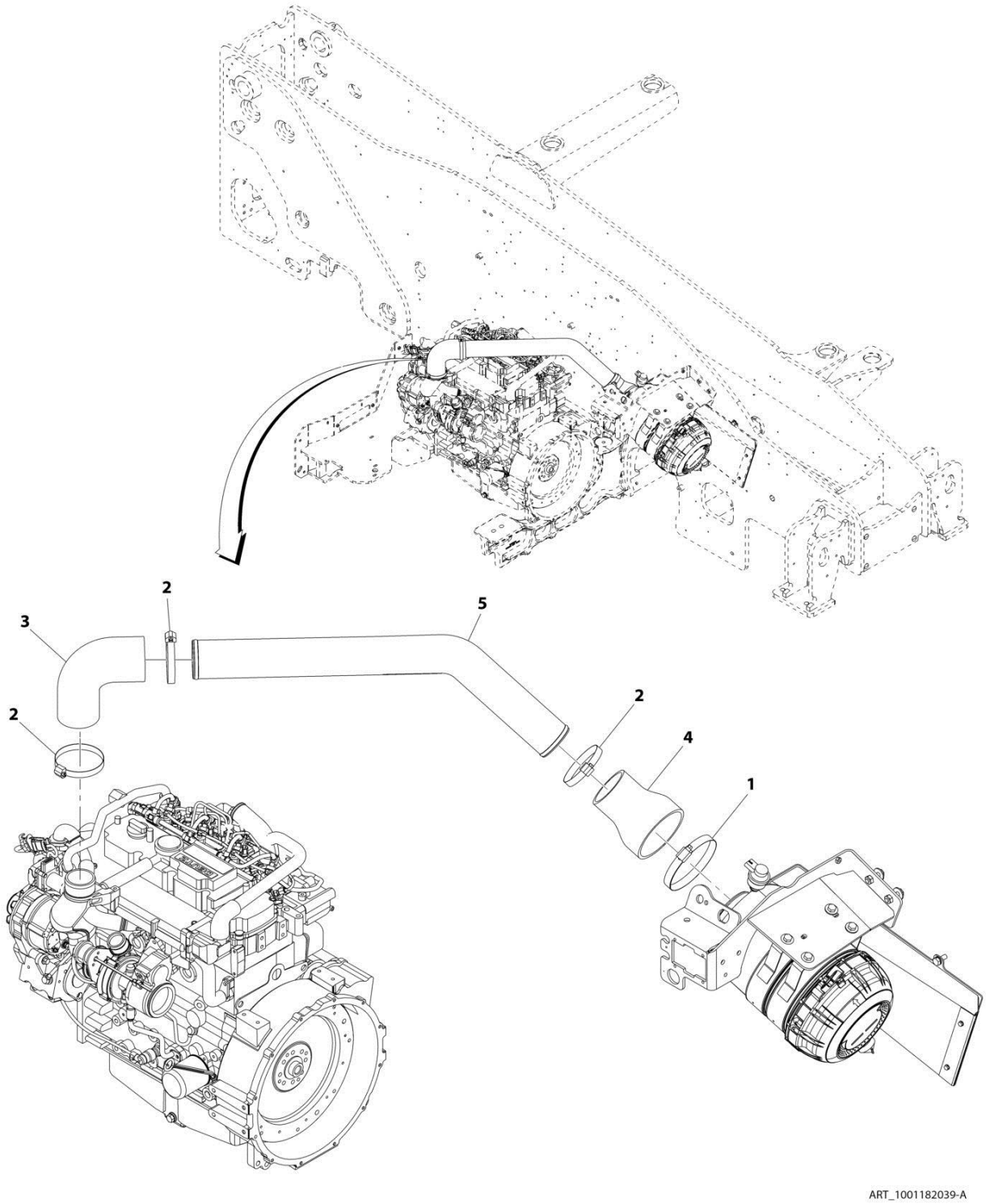


FIGURE 4-41. AIR INTAKE LINES INSTALLATION (90KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182039	Ref	Air Intake Lines Installation (90KW - LS)	A
1	8405402	1	Clamp	
2	8410011	3	Clamp, Gear	
3	1001182881	1	Hose	
4	1001182885	1	Hose	
5	1001182888	1	Tube	

FIGURE 4-42. COOLER INSTALLATION (74.4KW)

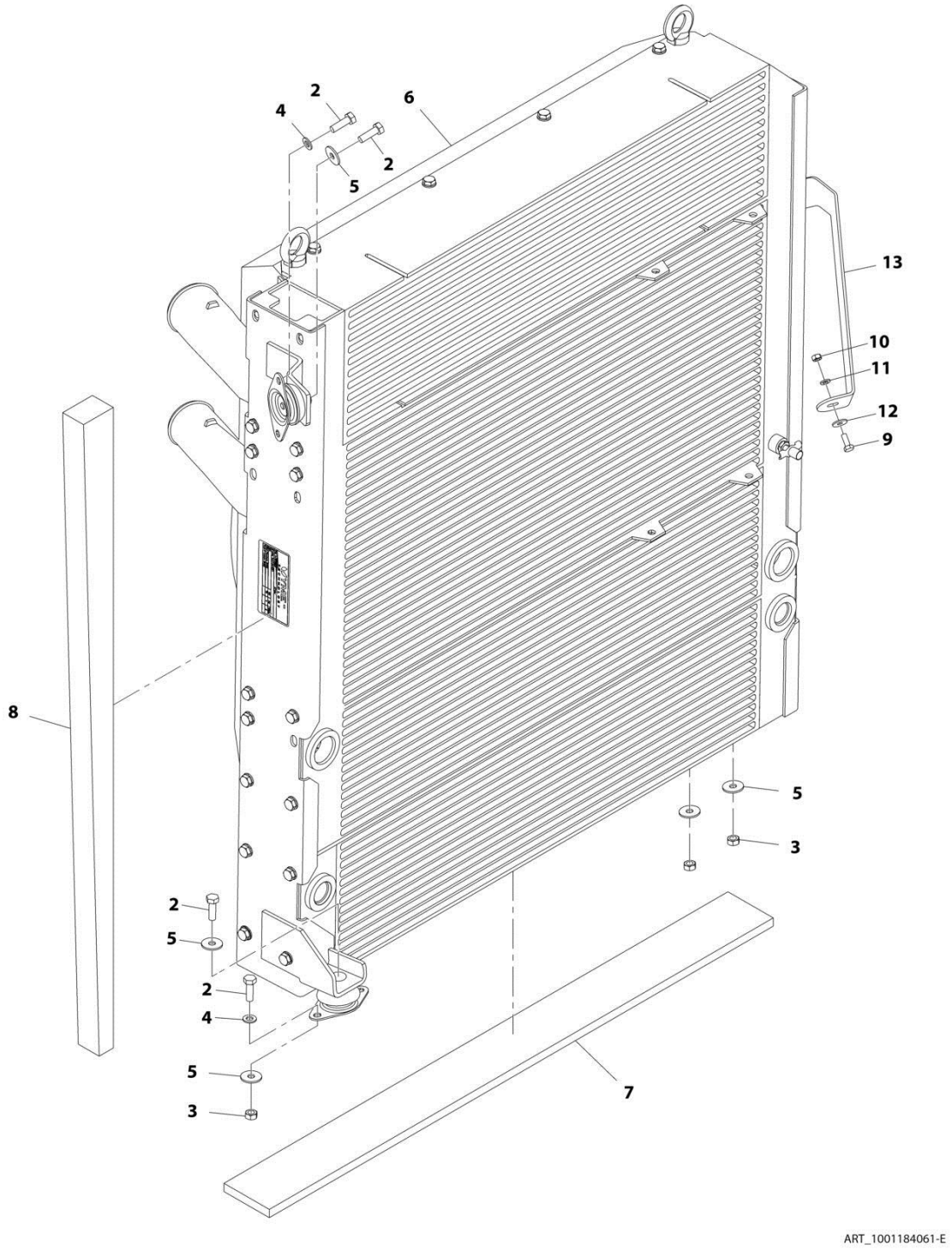


FIGURE 4-42. COOLER INSTALLATION (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184061	Ref	Cooler Installation (74.4KW)	E
2	0760812	9	Bolt, M8X25	
3	3290801	4	Nut, M8X1.25 Grade 8	
4	4811900	6	Washer, M8	
5	4811902	7	Washer, M8	
6	1001180581	1	Package, Radiator Cooling (74.4KW) (See Separate Breakdown in this Section)	
7	1001182994	1	Seal	
8	1001182995	1	Seal	
9	0760608	1	Bolt, M6X16	
10	3290601	1	Nut, M6X1 Grade 8	
11	4811700	1	Washer, M6	
12	4811702	1	Washer, M6	
13	1001202120	1	Plate	

FIGURE 4-43. COOLER INSTALLATION (90KW)

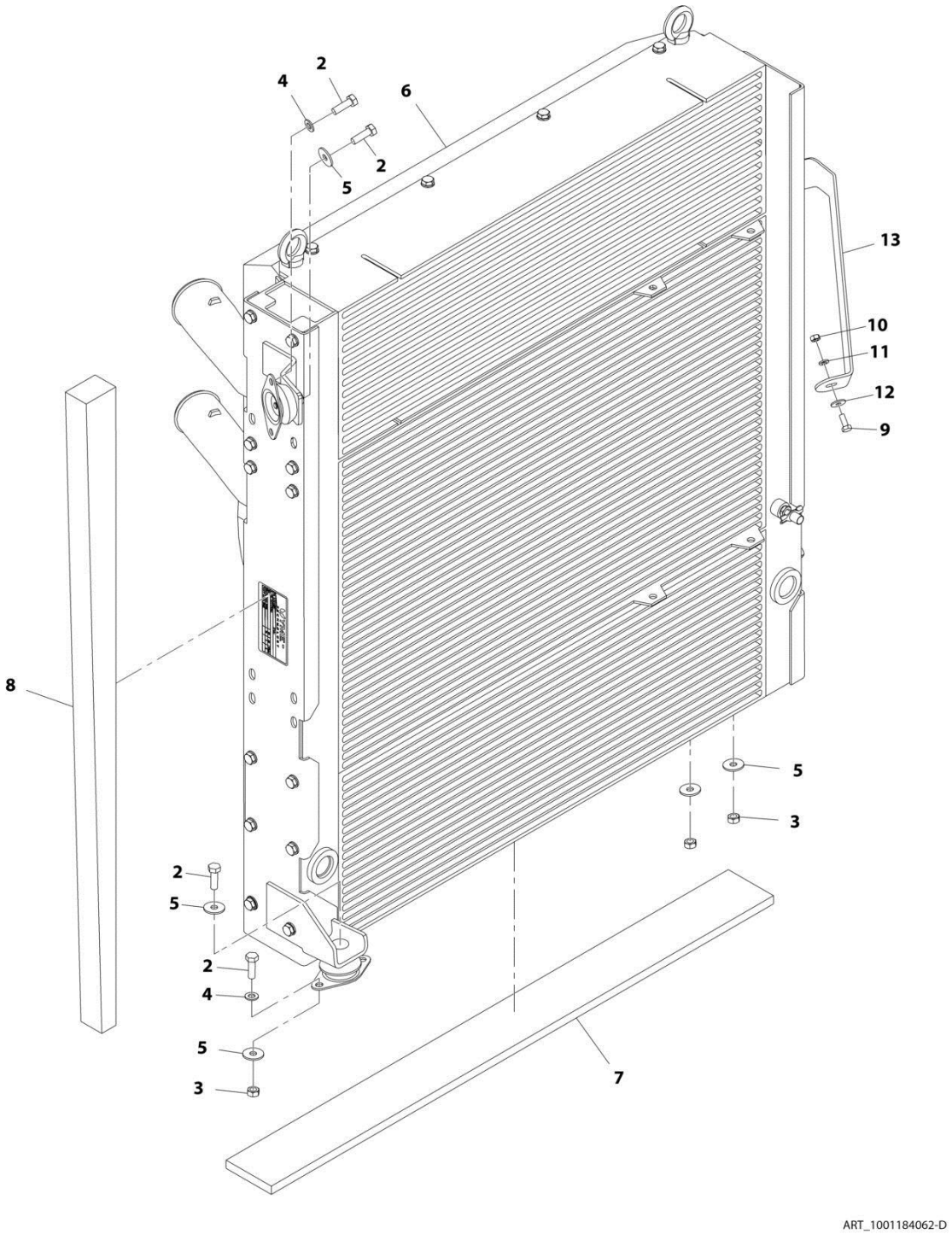


FIGURE 4-43. COOLER INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184062	Ref	Cooler Installation (90KW)	D
2	0760812	9	Bolt, M8X25	
3	3290801	4	Nut, M8X1.25 Grade 8	
4	4811900	6	Washer, M8	
5	4811902	7	Washer, M8	
6	1001175320	1	Package, Radiator Cooling (90KW) (See Separate Breakdown in this Section)	
7	1001182994	1	Seal	
8	1001182995	1	Seal	
9	0760608	1	Bolt, M6X16	
10	3290601	1	Nut, M6X1 Grade 8	
11	4811700	1	Washer, M6	
12	4811702	1	Washer, M6	
13	1001202120	1	Plate	

FIGURE 4-44. RADIATOR COOLING PACKAGE (74.4KW)

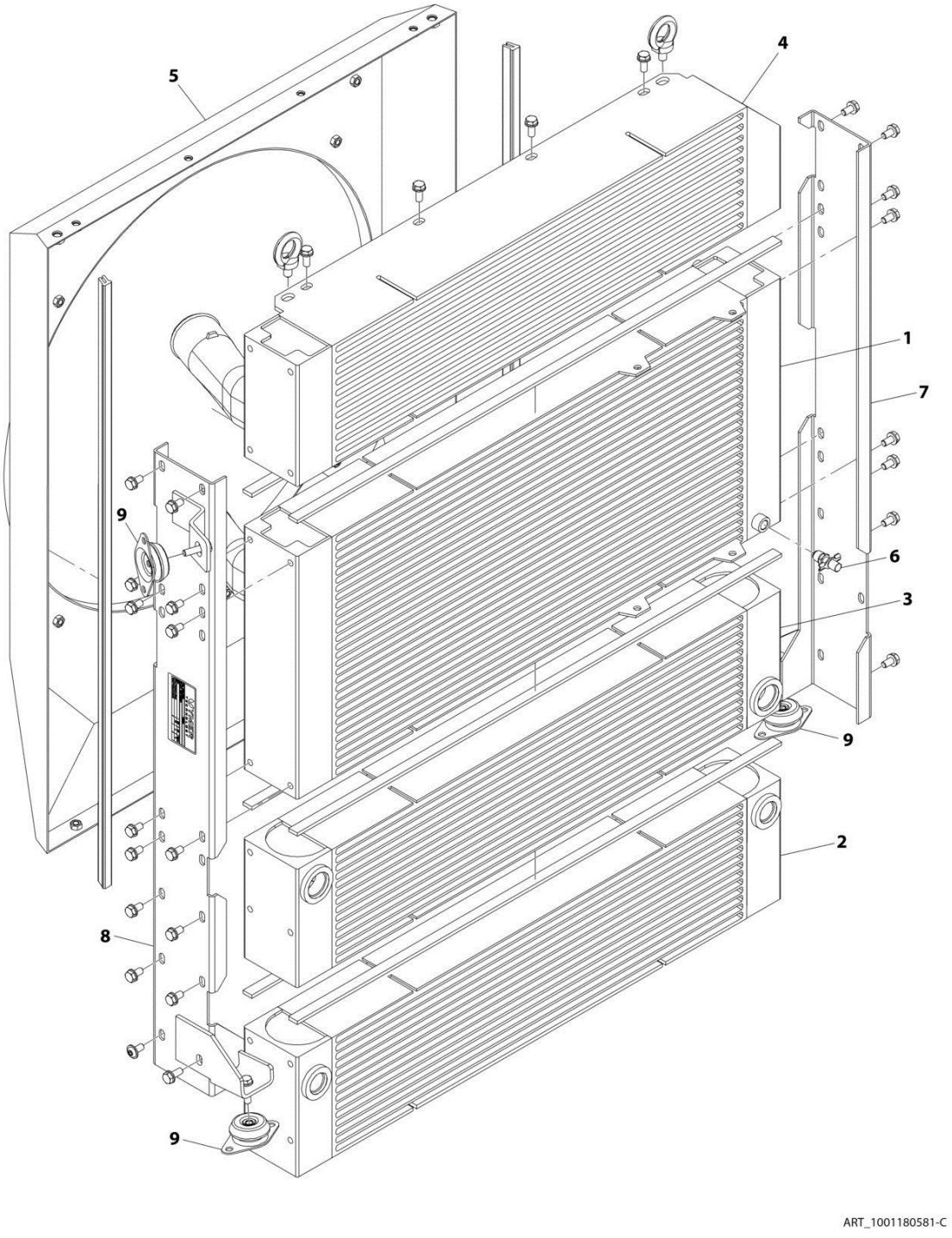


FIGURE 4-44. RADIATOR COOLING PACKAGE (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180581	Ref	Radiator Cooling Package (74.4KW)	C
1	70027205	1	Cooler, Water	
2	70027207	1	Cooler, Oil	
3	70027206	1	Cooler, Oil	
4	70027208	1	Cooler, Air	
5	70027202	1	Shroud	
6	70025644	1	Valve, Drain	
7	70027203	1	Bracket, Mounting	
8	70027204	1	Bracket, Mounting	
9	1001184609	1	Isolator, Mount	

FIGURE 4-45. RADIATOR COOLING PACKAGE (90KW)

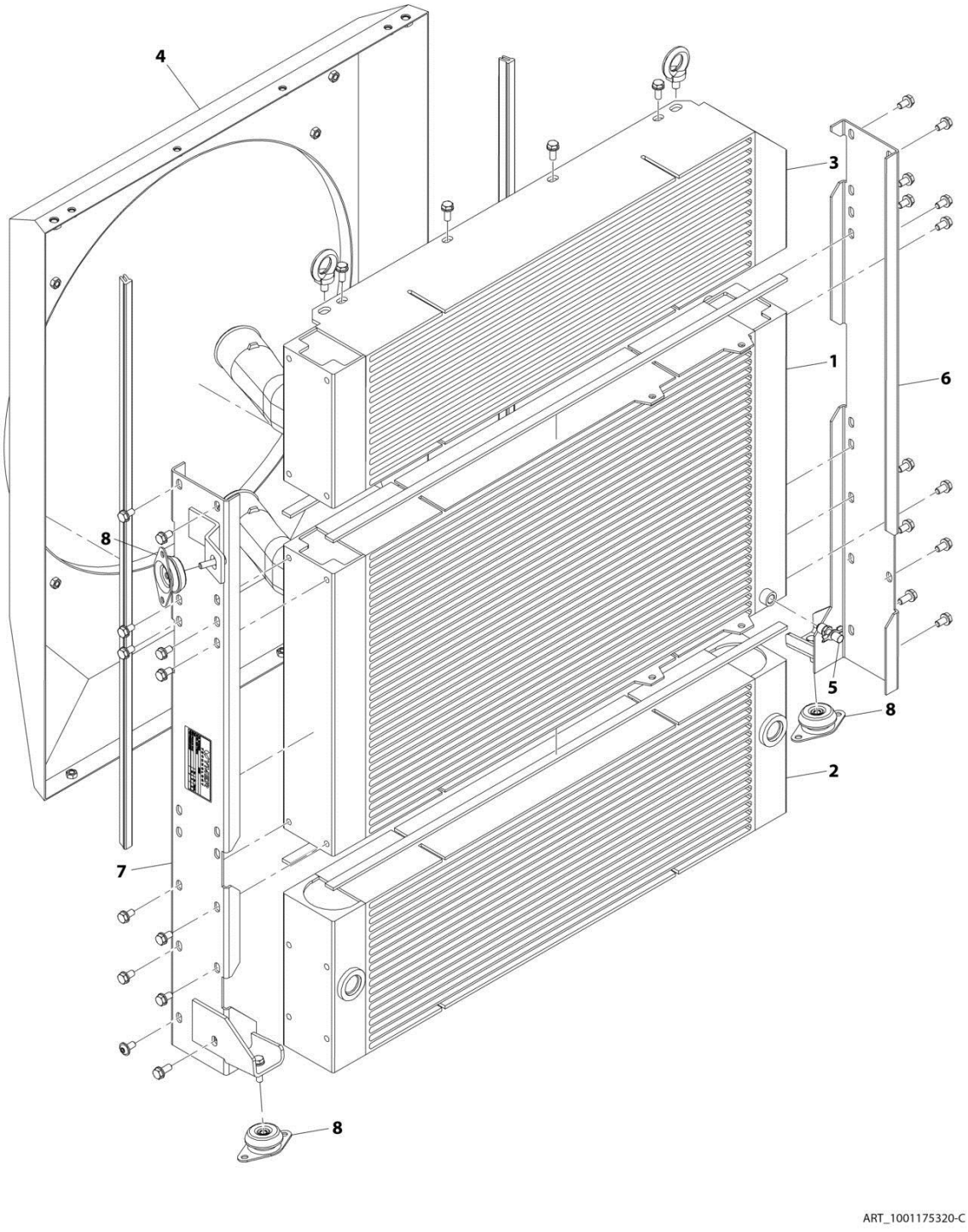


FIGURE 4-45. RADIATOR COOLING PACKAGE (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175320	Ref	Radiator Cooling Package (90KW)	C
1	70027199	1	Cooler, Water	
2	70027200	1	Cooler, Oil	
3	70027201	1	Cooler, Air	
4	70027202	1	Shroud	
5	70025644	1	Valve, Drain	
6	70027203	1	Bracket, Mounting	
7	70027204	1	Bracket, Mounting	
8	1001184609	1	Isolator, Mount	

FIGURE 4-46. REMOTE HOC INSTALLATION

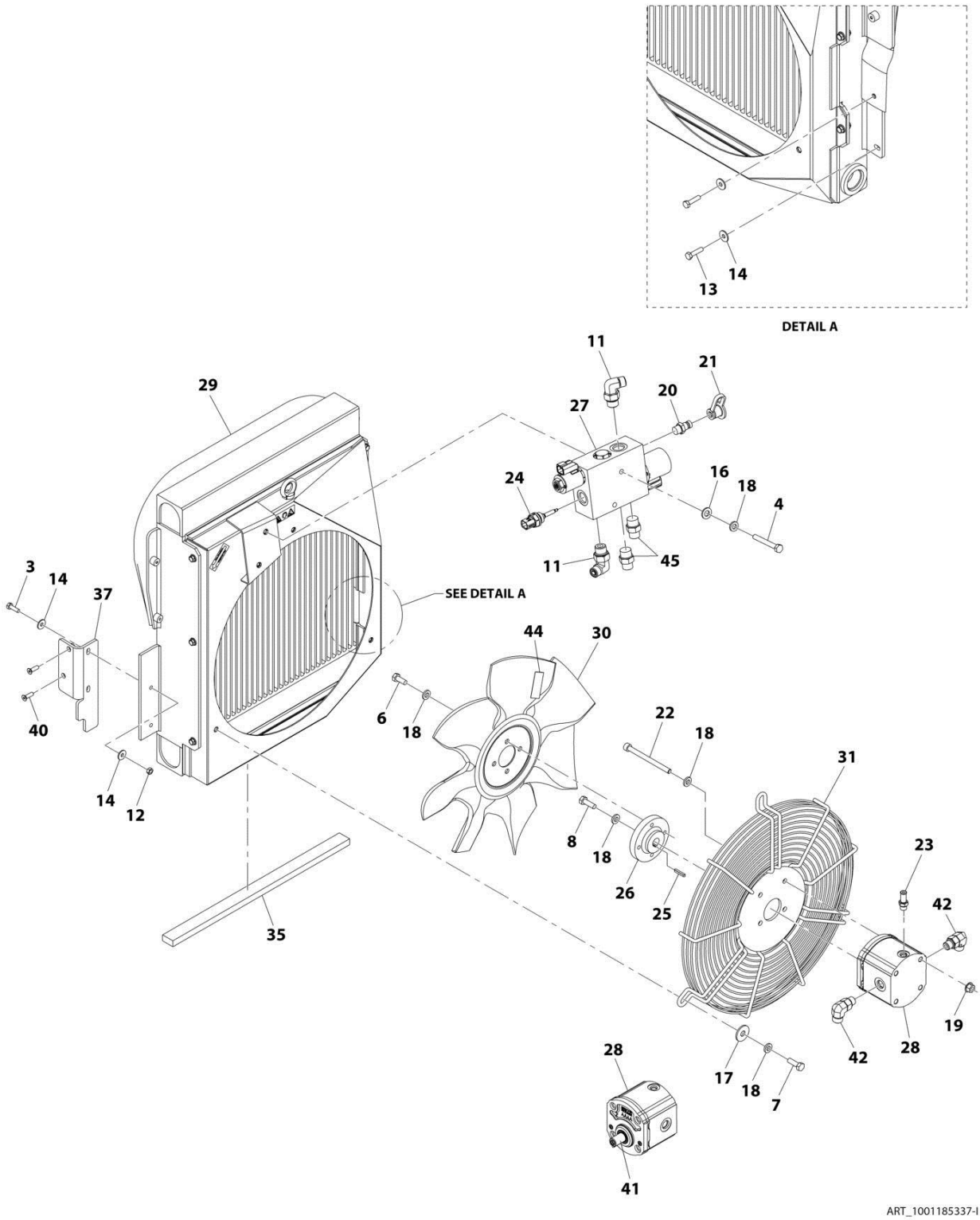


FIGURE 4-46. REMOTE HOC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185337	Ref	Remote HOC Installation	I
3	0700610	2	Bolt, M6X20	
4	0700821	2	Bolt, M8X65	
6	0770810	4	Bolt, M8X20 Grade 10.9	
7	0760812	3	Bolt, M8X25	
8	1001139034	1	Bolt	
11	2130608	2	Fitting, 90 ORFS	
12	3290601	2	Nut, M6X1 Grade 8	
13	0700612	2	Bolt, M6X25	
14	4811702	6	Washer, M6	
16	4812000	2	Washer, M10	
17	4812002	3	Washer, M10	
18	5240800	14	Washer, M8	
19	5260800	4	Nut, M8	
20	1001003590	1	Fitting, Straight	
21	1001008761	1	Cap, Dust	
22	1001093277	4	Bolt, M8X100	
23	1001093401	1	Fitting, Straight ORFS	
24	1001128478	1	Sensor, Temperature **(Prior to SN 1160008597)**	
25	1001152940	1	Key, Fan Hub	
26	1001191508	1	Adapter, Fan Hub	
27	1001182213	1	Valve, Fan Motor Control (See Separate Breakdown in Hydraulic Components Section)	
28	1001182950	1	Motor, Fan Drive (7.29CC) (See Separate Breakdown in this Section)	
29	1001183956	1	Cooler, Oil	
30	1001185210	1	Fan	
31	1001185282	1	Shield, Fan	
35	1001219810	1	Seal	
37	1001197430	1	Bracket	
40	0630576	2	Screw, M6X20	
41	1001125466	AR	Compound, Locking	
42	2130606	2	Fitting, 90 ORFS	
44	1001222573	AR	Reflective Tape	
45	2110608	2	Fitting, Straight ORFS	

FIGURE 4-47. COOLANT LINES INSTALLATION (ULS)

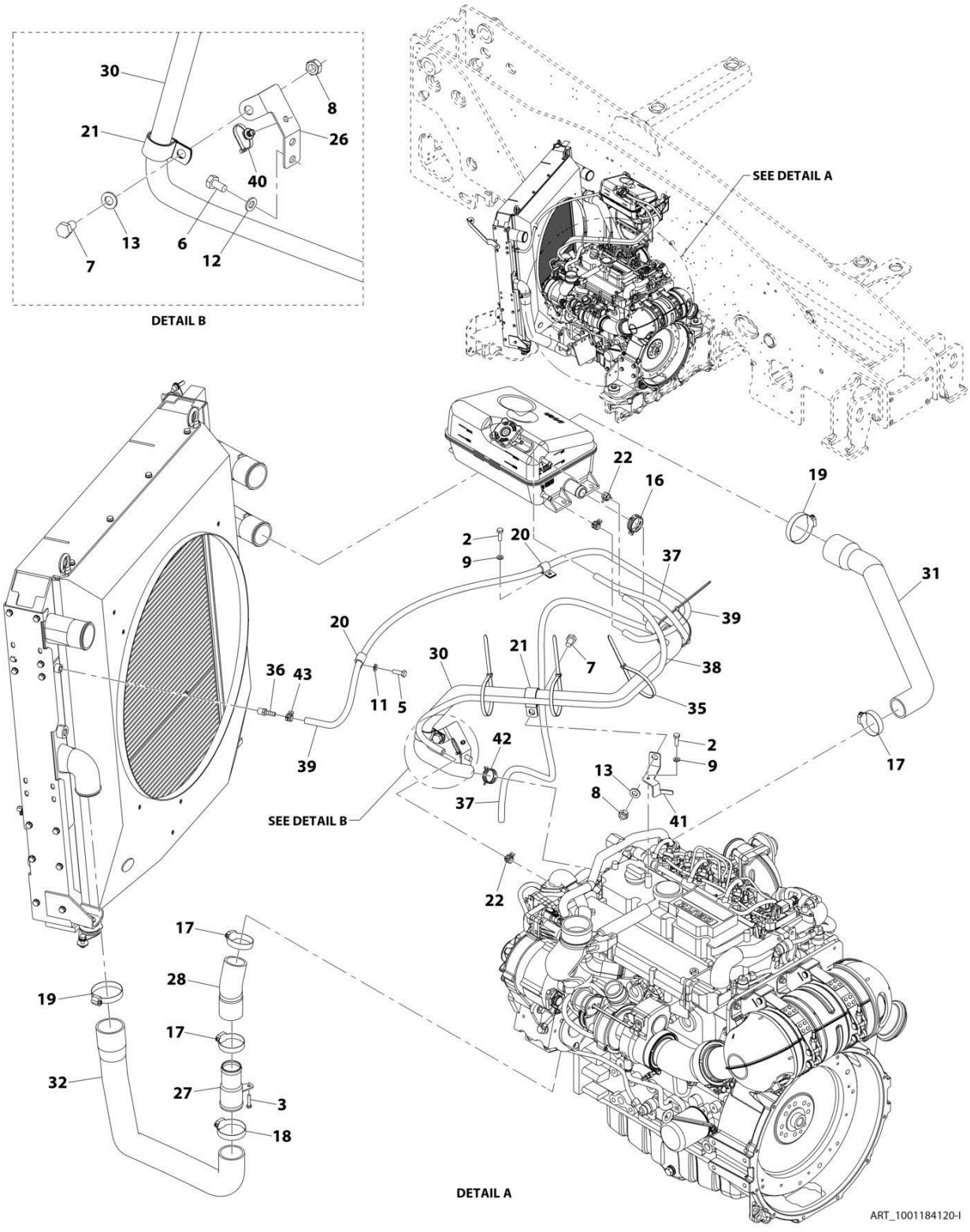


FIGURE 4-47. COOLANT LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184120	Ref	Coolant Lines Installation (ULS)	I
2	0700610	2	Bolt, M6X20	
3	0700614	1	Bolt, M6X30	
5	0760812	1	Bolt, M8X25	
6	0761010	2	Bolt, M10X20	
7	0761210	2	Bolt, M12X20	
8	3291201	2	Nut, M12X1.75 Grade 8	
9	4811700	2	Washer, M6	
11	4811900	1	Washer, M8	
12	4812000	2	Washer, M10	
13	4812100	2	Washer, M12	
16	1001212949	1	Clamp	
17	8405104	3	Clamp	
18	8405201	1	Clamp	
19	8405202	2	Clamp, Gear	
20	1001008580	2	Clip	
21	8406302	2	Clamp, Hose	
22	1001195443	3	Clamp	
26	1001168727	1	Bracket	
27	1001189884	1	Pipe	
28	1001217333	1	Hose	
30	1001184099	1	Hose	
31	1001184129	1	Hose	
32	1001184128	1	Hose	
35	1062255	AR	Strap, Tie	
36	8420231	1	Adapter	
37	1001203009	1	Hose	
38	1001203027	1	Hose	
39	1001203028	1	Hose	
40	1001146588	1	Strap	
41	1001205551	1	Bracket	
42	1001212948	1	Clamp	
43	1001140296	1	Clamp	

FIGURE 4-48. COOLANT LINES INSTALLATION (LS)

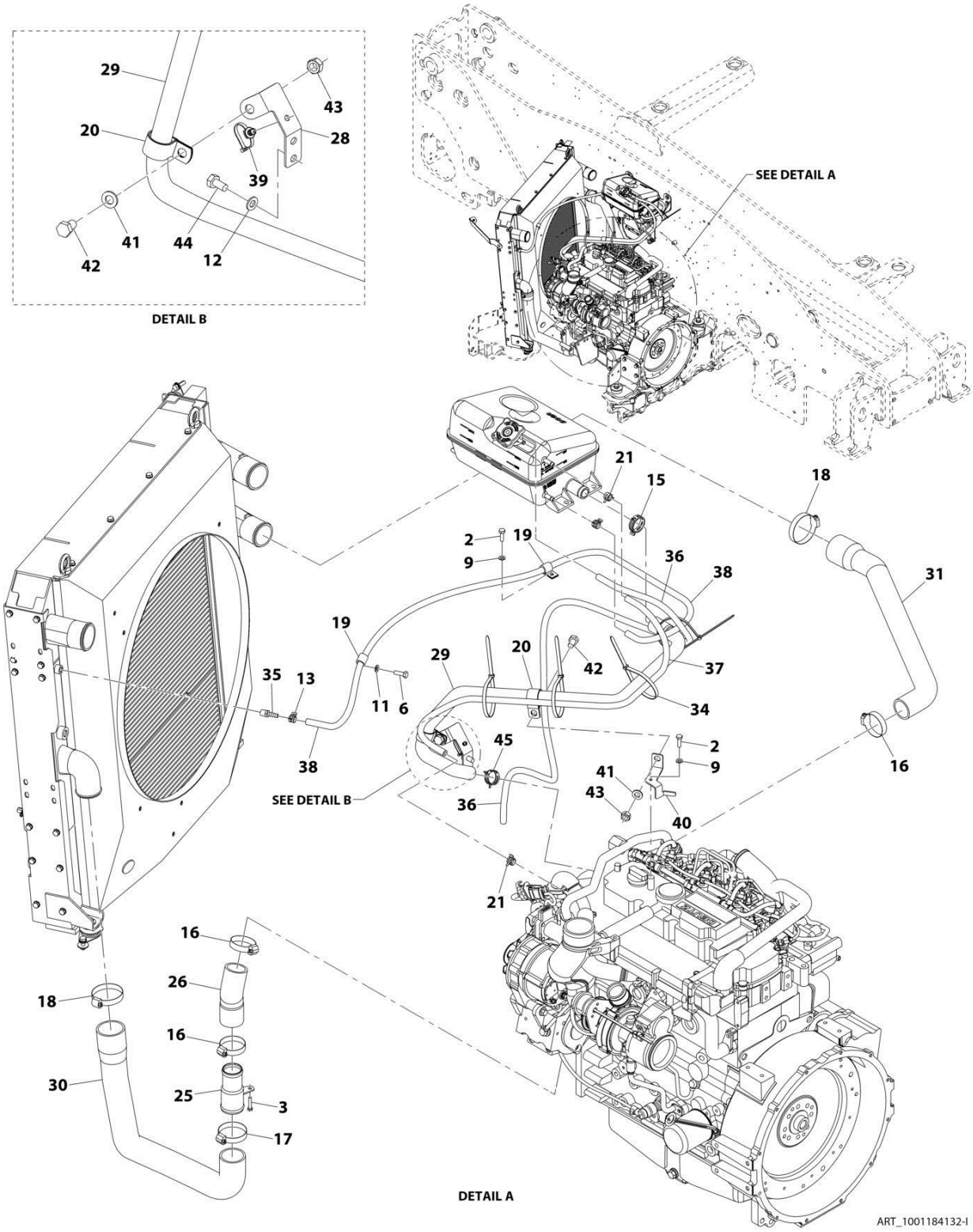


FIGURE 4-48. COOLANT LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184132	Ref	Coolant Lines Installation (LS)	I
2	0700610	2	Bolt, M6X20	
3	0700614	1	Bolt, M6X30	
6	0760812	1	Bolt, M8X25	
9	4811700	2	Washer, M6	
11	4811900	1	Washer, M8	
12	4812000	2	Washer, M10	
13	1001140296	1	Clamp	
15	1001212949	1	Clamp	
16	8405104	3	Clamp	
17	8405201	1	Clamp	
18	8405202	2	Clamp, Gear	
19	1001008580	2	Clip	
20	8406302	2	Clamp, Hose	
21	1001195443	3	Clamp	
25	1001189884	1	Pipe	
26	1001217333	1	Hose	
28	1001168727	1	Bracket	
29	1001184099	1	Hose	
30	1001184128	1	Hose	
31	1001184129	1	Hose	
34	1062255	AR	Strap, Tie	
35	8420231	1	Adapter	
36	1001203009	1	Hose	
37	1001203027	1	Hose	
38	1001203028	1	Hose	
39	1001146588	1	Strap	
40	1001205551	1	Bracket	
41	4812100	2	Washer, M12	
42	0761210	2	Bolt, M12X20	
43	3291201	2	Nut, M12X1.75 Grade 8	
44	0761010	2	Bolt, M10X20	
45	1001212948	1	Clamp	

FIGURE 4-49. COOLER LINES INSTALLATION (74.4KW) (Prior to SN 1160008518)

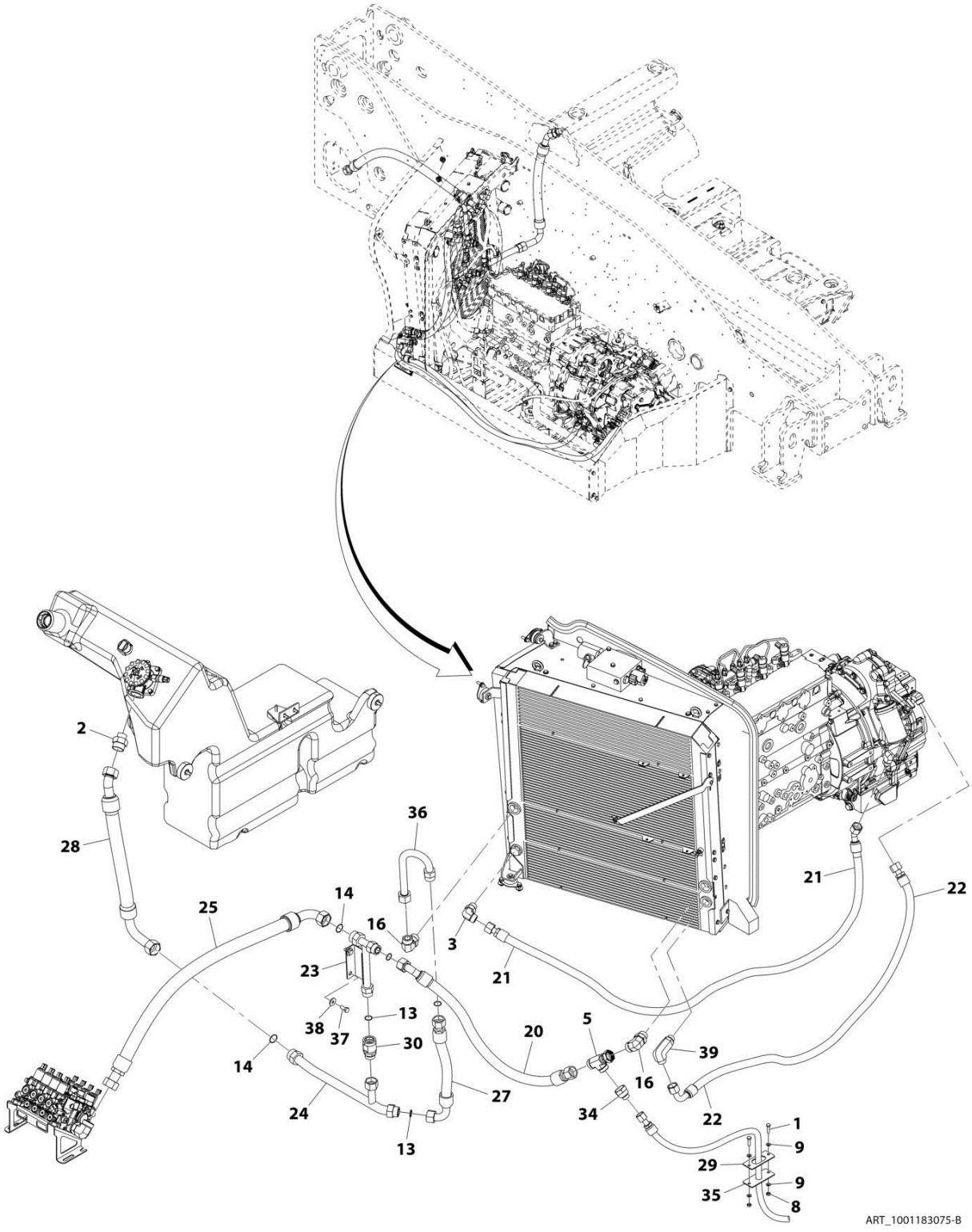


FIGURE 4-49. COOLER LINES INSTALLATION (74.4KW) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183075	Ref	Cooler Lines Installation (74.4KW)	B
1	0760814	2	Bolt, M8X30	
2	2112016	1	Fitting, Straight ORFS	
3	2131212	1	Fitting, 90 ORFS	
5	2170716	1	Fitting, Tee ORFS	
8	3290801	2	Nut, M8X1.25 Grade 8	
9	4811900	4	Washer, M8	
13	1001010240	4	Seal, O-Ring ORFS	
14	1001010938	2	Seal, O-Ring ORFS	
16	2131616	2	Fitting, 90 ORFS	
20	1001202253	1	Hose, ORFS	
21	1001203173	1	Hose, ORFS	
22	1001203174	1	Hose, ORFS	
23	1001202445	1	Pipe, ORFS	
24	1001203014	1	Pipe, ORFS	
25	1001202249	1	Hose, ORFS	
27	1001202251	1	Hose, ORFS	
28	1001203039	1	Hose, ORFS	
29	1001200449	1	Plate	
30	1001185871	1	Check, Valve ORFS	
34	1001202805	1	Reducer, ORFS	
35	1001200450	1	Gasket	
36	1001202506	1	Pipe, ORFS	
37	0701012	2	Bolt, M10X25	
38	4812002	2	Washer, M10	
39	2170212	1	Fitting, 90 ORFS	

FIGURE 4-50. COOLER LINES INSTALLATION (SN 1160008518 to Present)

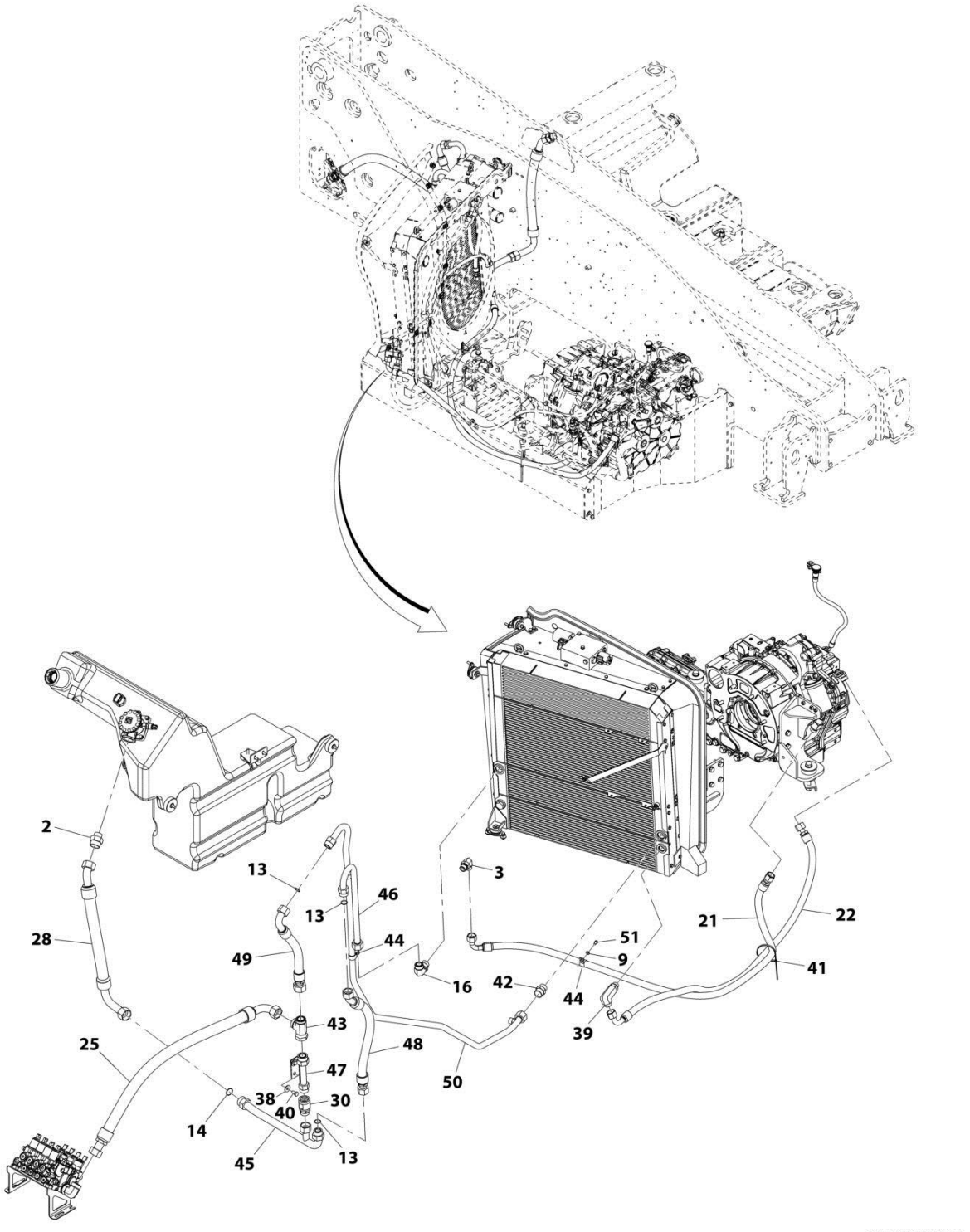


FIGURE 4-50. COOLER LINES INSTALLATION (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183075	Ref	Cooler Lines Installation (74.4KW)	C
2	2112016	1	Fitting, Straight ORFS	
3	2131212	1	Fitting, 90 ORFS	
9	4811900	1	Washer, M8	
13	1001010240	3	Seal, O-Ring ORFS	
14	1001010938	1	Seal, O-Ring ORFS	
16	2131616	1	Fitting, 90 ORFS	
21	1001221860	1	Hose, ORFS	
22	1001203174	1	Hose, ORFS	
25	1001202249	1	Hose, ORFS	
28	1001203039	1	Hose, ORFS	
30	1001185871	1	Check, Valve ORFS	
38	4812002	2	Washer, M10	
39	2170212	1	Fitting, 90 ORFS	
40	0761010	2	Bolt, M10X20	
41	1062255	1	Strap, Tie	
42	2111616	1	Fitting, Straight ORFS	
43	2170720	1	Adapter	
44	1001008910	3	Clip	
45	1001212783	1	Pipe	
46	1001212792	1	Pipe	
47	1001212799	1	Pipe	
48	1001221858	1	Hose	
49	1001221859	1	Hose	
50	1001221862	1	Pipe	
51	0760806	1	Bolt, M8X12	

FIGURE 4-51. COOLER LINES INSTALLATION (90KW)

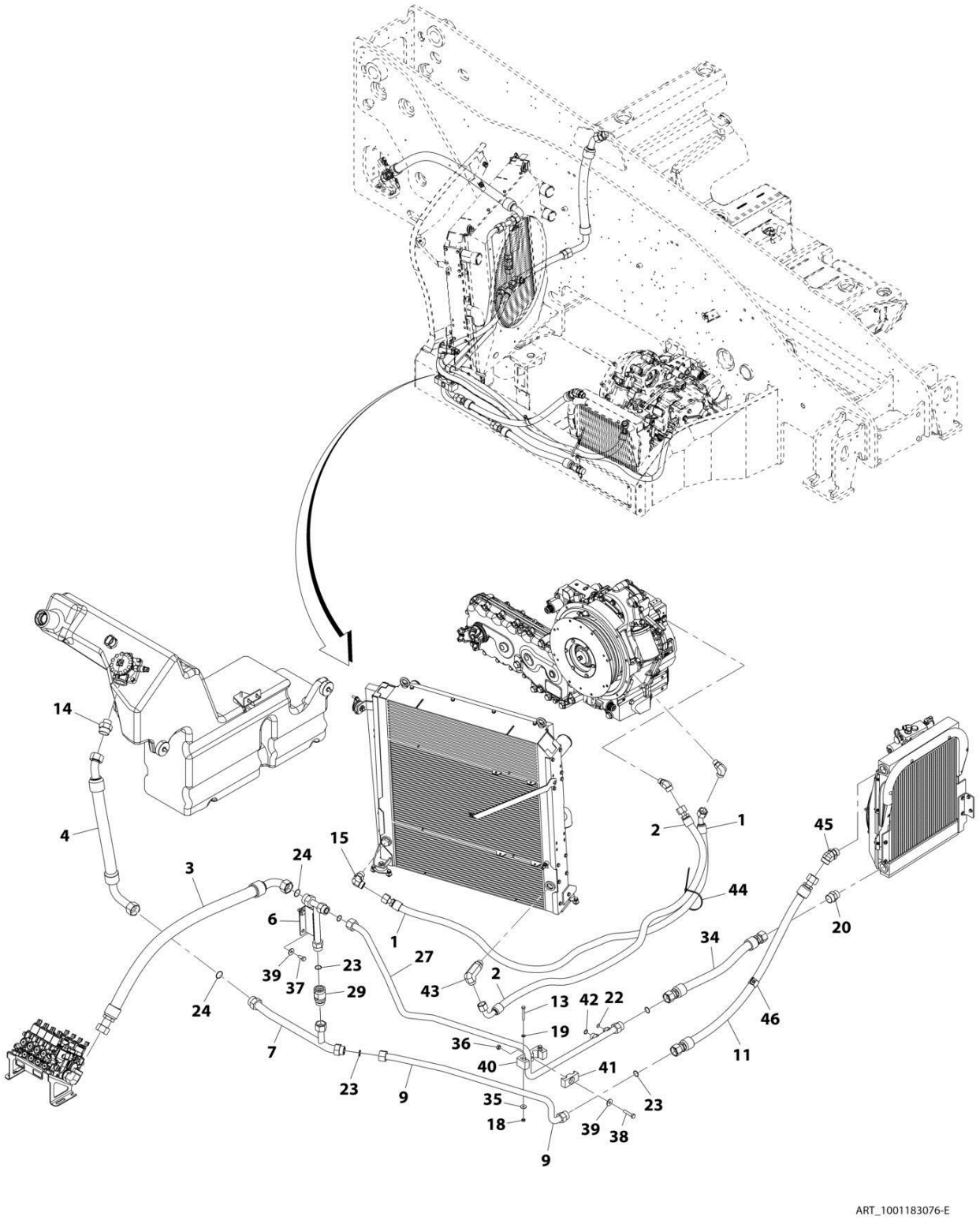


FIGURE 4-51. COOLER LINES INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183076	Ref	Cooler Lines Installation (90KW)	E
1	1001203173	1	Hose, ORFS	
2	1001229093	1	Hose, ORFS	
3	1001202249	1	Hose, ORFS	
4	1001203039	1	Hose, ORFS	
6	1001202445	1	Pipe, ORFS	
7	1001203014	1	Pipe, ORFS	
9	1001202329	1	Pipe, ORFS	
11	1001202375	NLA	Hose, ORFS (no longer available, use 1001228503 for replacement)	
11	1001228503	1	Hose, ORFS	
13	0700820	2	Bolt, M8X60	
14	2112016	1	Fitting, Straight ORFS	
15	2131212	1	Fitting, 90 ORFS	
18	3290801	2	Nut, M8X1.25 Grade 8	
19	4811900	2	Washer, M8	
20	2111616	1	Fitting, Straight ORFS	
22	1001008804	1	Seal	
23	1001010240	5	Seal, O-Ring ORFS	
24	1001010938	2	Seal, O-Ring ORFS	
27	1001202328	1	Pipe, ORFS	
29	1001185871	1	Check, Valve ORFS	
34	1001202376	1	Hose, ORFS	
35	4811902	2	Washer, M8	
36	3291001	1	Nut, M10X1.5 Grade 8	
37	0701012	2	Bolt, M10X25	
38	0701018	1	Bolt, M10X50	
39	4812002	3	Washer, M10	
40	1001202653	1	Clamp, Pipes Female	
41	1001202654	1	Clamp, Pipes Male	
42	1001008922	1	Seal	
43	2170212	1	Fitting, 90 ORFS	
44	1062255	1	Strap, Tie	
45	2151616	1	Fitting, 45 ORFS	
46	8406302	1	Clamp	

FIGURE 4-52. CAC LINES INSTALLATION (ULS)

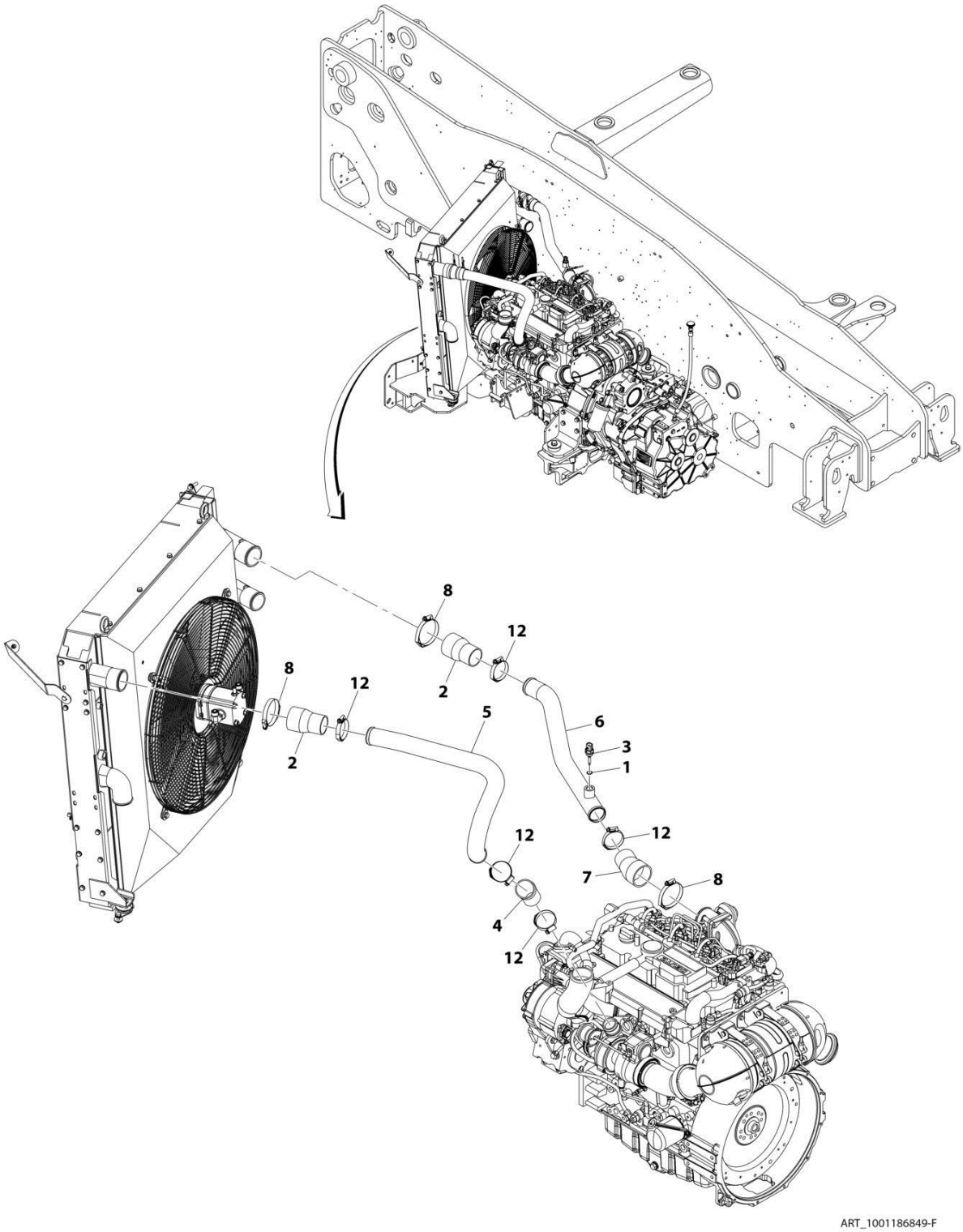


FIGURE 4-52. CAC LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186849	Ref	CAC Lines Installation (ULS)	F
1	1001009163	1	O-Ring	
2	1001117244	2	Coupling, Reducer **(Prior to SN 1160008597)**	
2	1001226096	2	Coupling, Reducer **(SN 1160008597 to Present)**	
3	1001128478	1	Sensor	
4	1001197653	1	Coupling, Reducer	
5	1001197641	1	Pipe	
6	1001197638	1	Pipe	
7	1001197654	1	Coupling, Reducer	
8	1001215022	3	Clamp	
12	1001215024	5	Clamp	

FIGURE 4-53. CAC LINES INSTALLATION (LS)

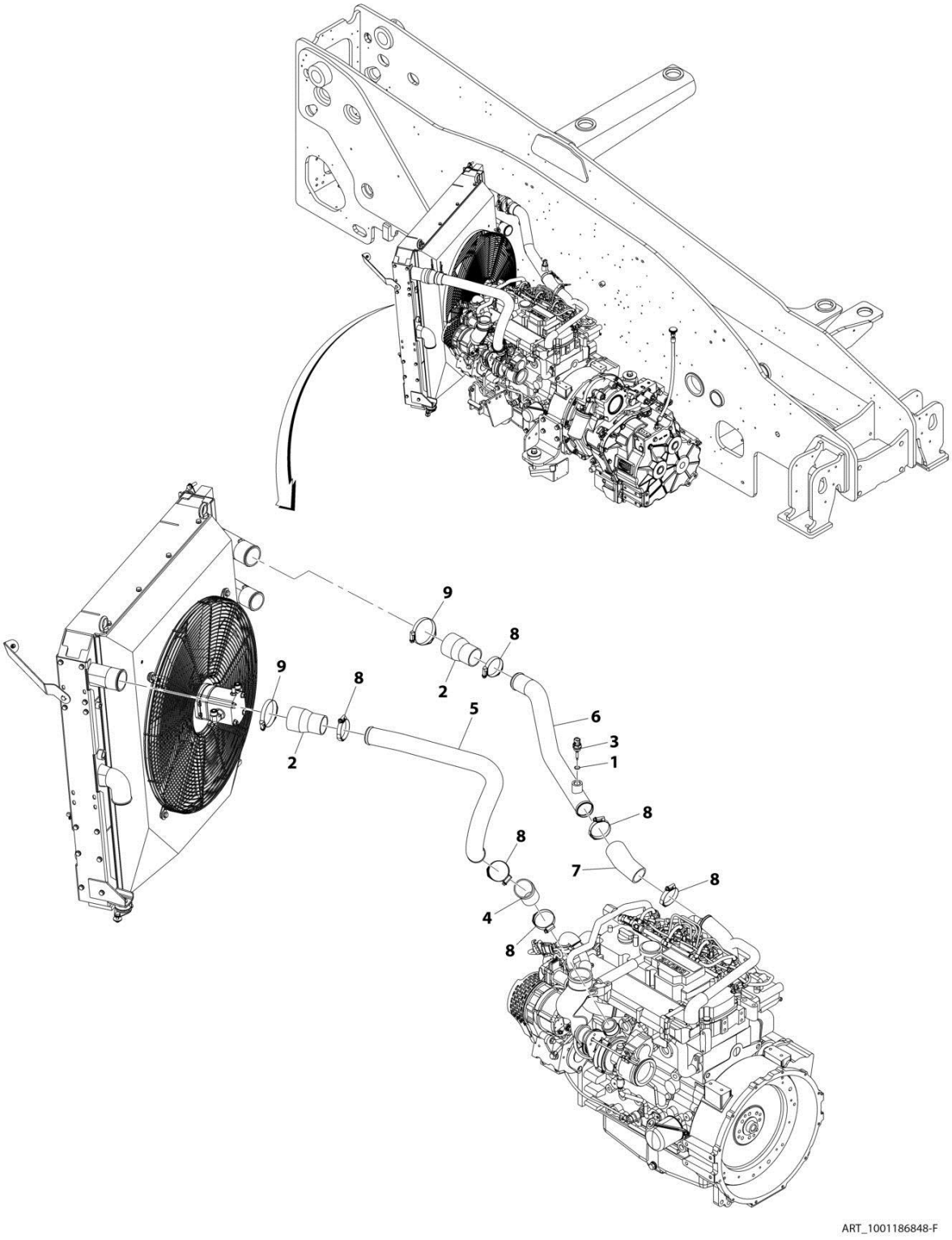


FIGURE 4-53. CAC LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186848	Ref	CAC Lines Installation (LS)	F
1	1001009163	1	O-Ring	
2	1001117244	2	Coupling, Reducer **(Prior to SN 1160008597)**	
2	1001226096	2	Coupling, Reducer **(SN 1160008597 to Present)**	
3	1001128478	1	Sensor	
4	1001197653	1	Coupling, Reducer	
5	1001197641	1	Pipe	
6	1001197638	1	Pipe	
7	1001197655	1	Coupling, Reducer	
8	1001215024	6	Clamp	
9	1001215022	2	Clamp	

FIGURE 4-54. SURGE TANK INSTALLATION

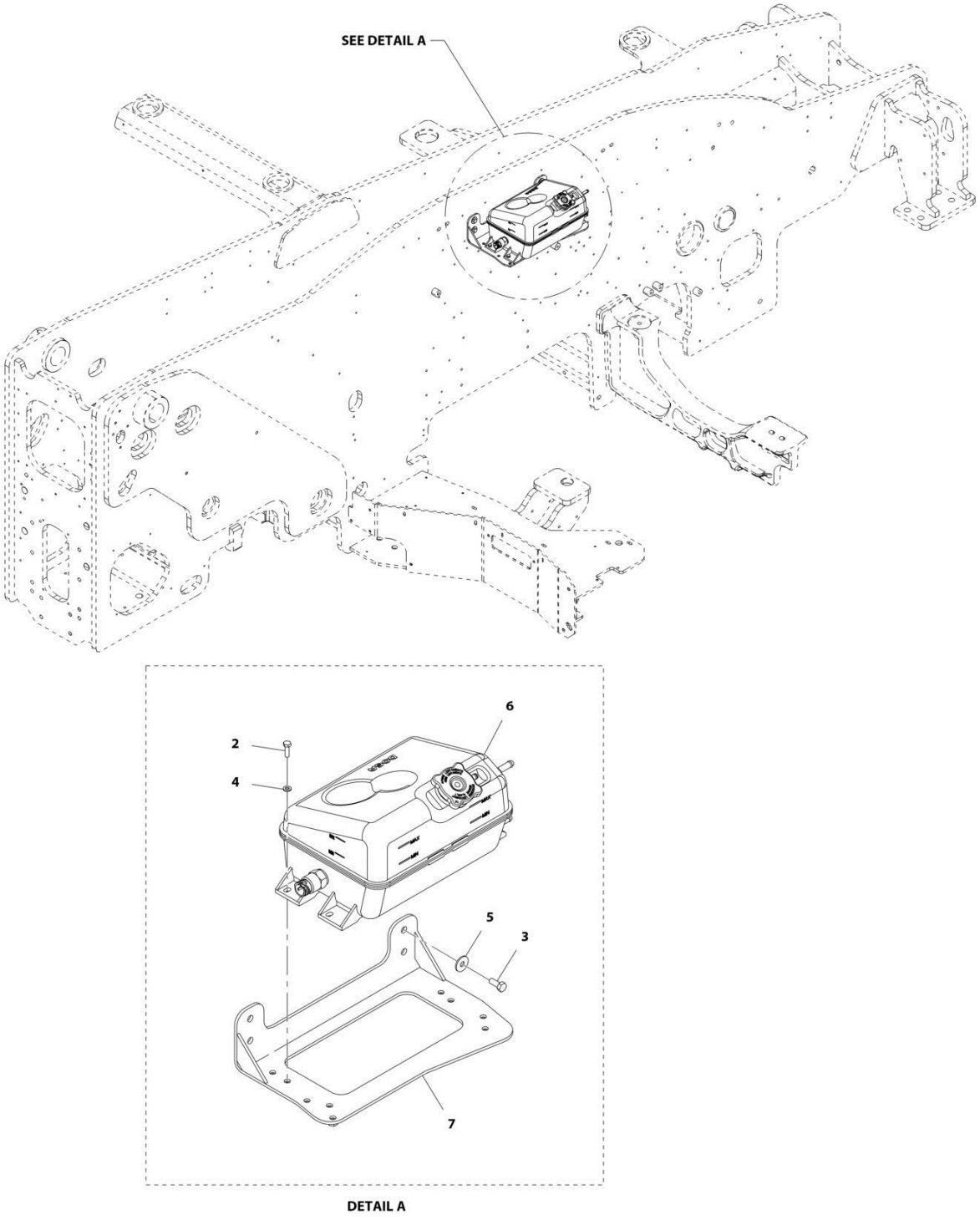


FIGURE 4-54. SURGE TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179864	Ref	Surge Tank Installation	C
2	0700610	4	Bolt, M6X20	
3	0760810	4	Bolt, M8X20	
4	4811700	4	Washer, M6	
5	4811902	4	Washer, M8	
6	1001149375	1	Tank, Expansion (See Separate Breakdown in this Section)	
7	1001188407	1	Bracket	

FIGURE 4-55. TANK EXPANSION

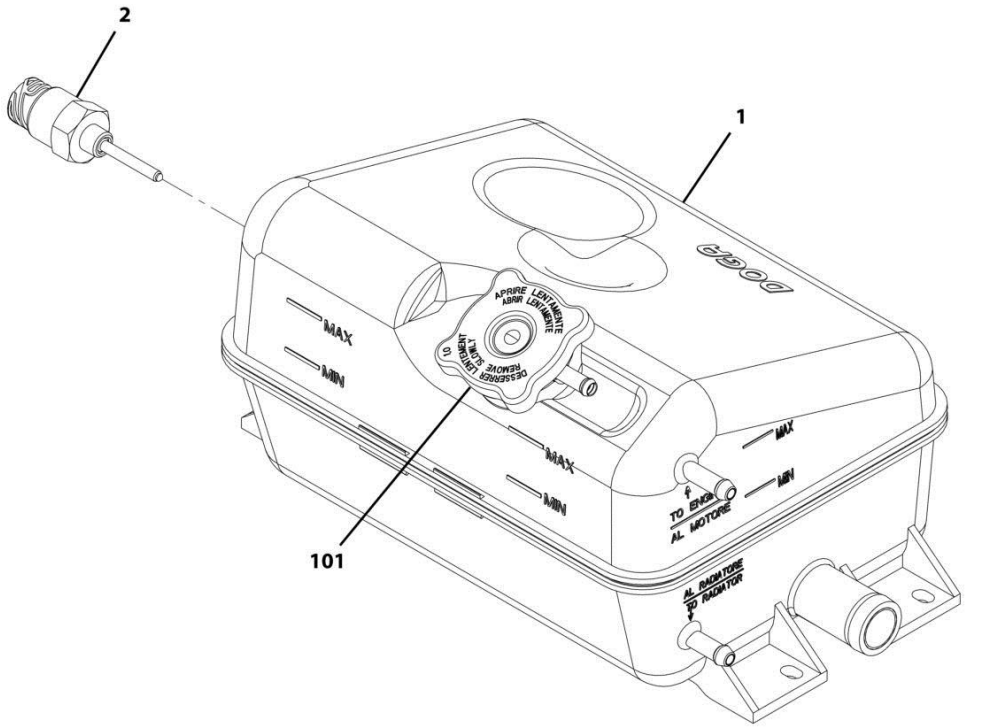


FIGURE 4-55. TANK EXPANSION

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

FIGURE 4-56. BULKHEAD INSTALLATION

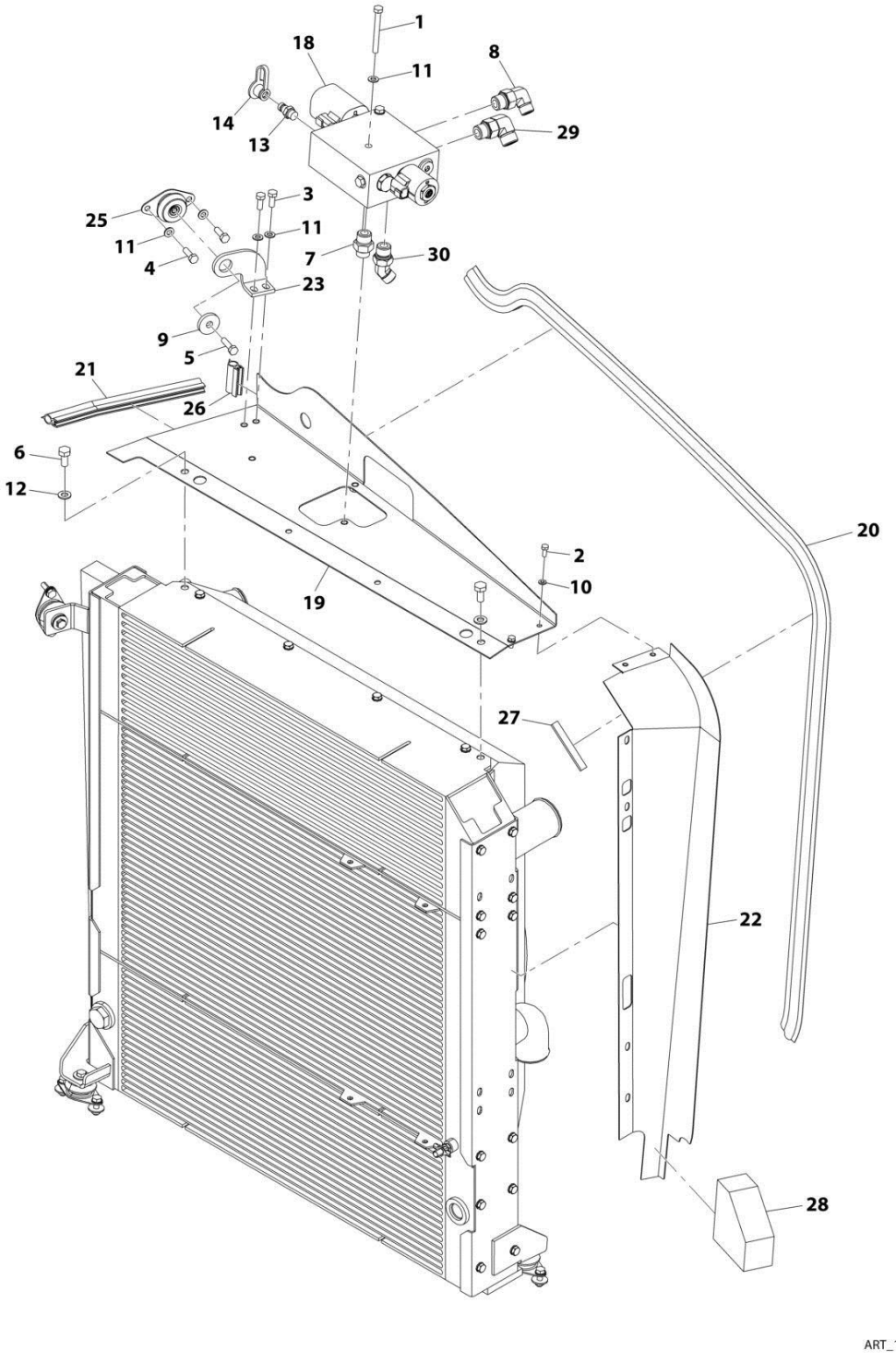


FIGURE 4-56. BULKHEAD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184955	Ref	Bulkhead Installation	H
1	0700823	2	Bolt, M8X75	
2	0760607	2	Bolt, M6X14	
3	0760810	2	Bolt, M8X20	
4	0760812	2	Bolt, M8X25	
5	0760814	1	Bolt, M8X30	
6	0761011	2	Bolt, M10X22	
7	2110810	1	Fitting, Straight ORFS	
8	2130810	1	Fitting, 90 ORFS	
9	4740572	1	Washer, M10	
10	4811700	2	Washer, M6	
11	4811900	6	Washer, M8	
12	4812000	2	Washer, M10	
13	1001003590	1	Fitting, Straight	
14	1001008761	1	Cap	
18	1001200908	1	Valve, Fan Motor Control	
19	1001230411	1	Panel	
20	1001182452	1	Seal	
21	1001182453	1	Seal	
22	1001183958	1	Panel	
23	1001184445	1	Bracket	
25	1001184609	1	Mount	
26	1001184800	1	Seal	
27	1001216867	1	Seal, Bulkhead	
28	1001186370	1	Seal	
29	2131010	1	Fitting, 90 ORFS	
30	2150810	1	Fitting, 45 ORFS	

FIGURE 4-57. DEF CONTROL MODULE INSTALLATION (ULS)

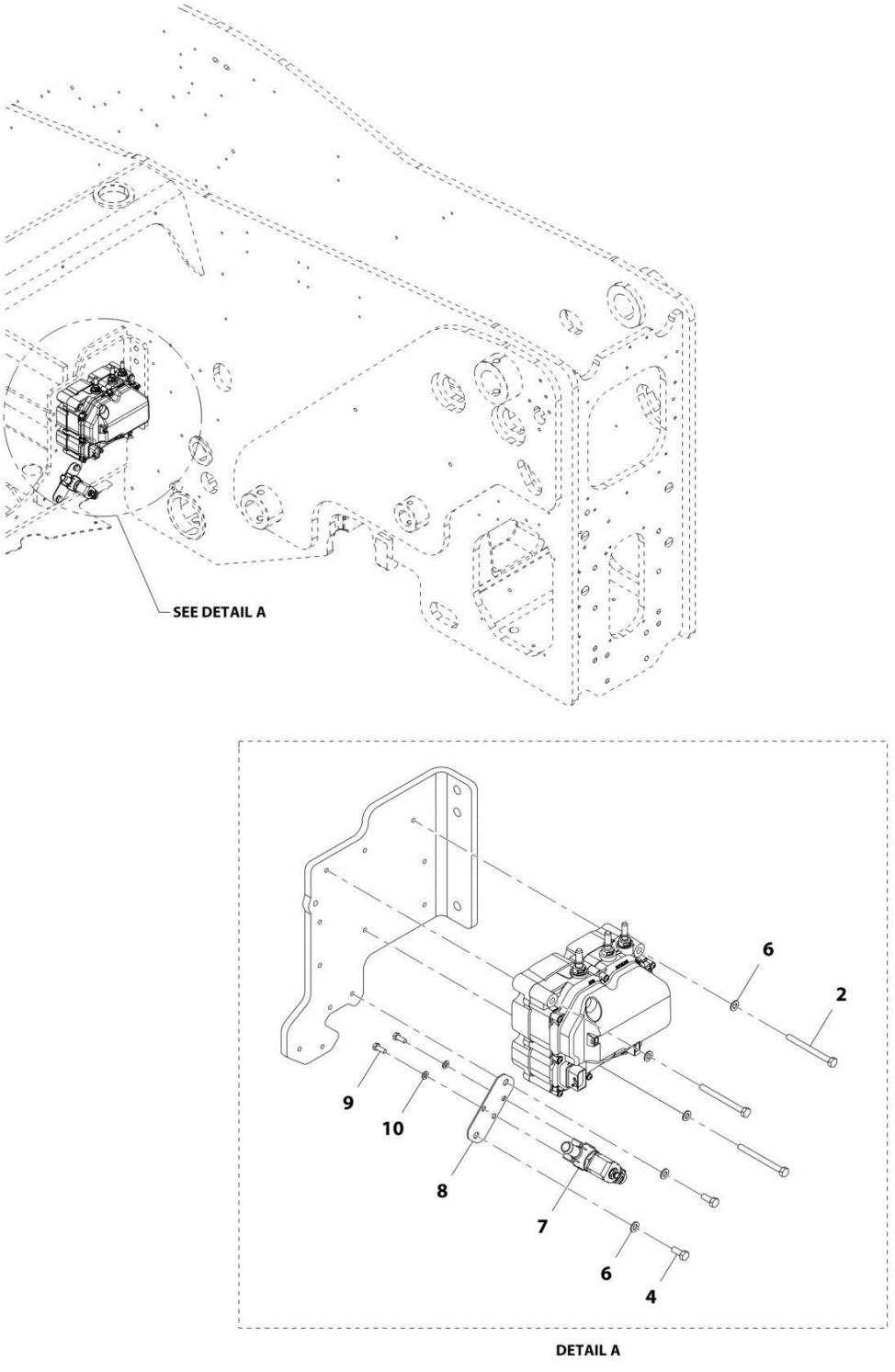


FIGURE 4-57. DEF CONTROL MODULE INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178030	Ref	DEF Control Module Installation (ULS)	B
2	0700826	3	Bolt, M8X90	
4	0760810	2	Bolt, M8X20	
6	4811900	5	Washer, M8	
7	1001199670	1	Valve	
8	1001200201	1	Bracket	
9	0700608	3	Bolt, M6X16	
10	4811700	3	Washer, M6	

FIGURE 4-58. DEF TANK INSTALLATION (ULS) (Prior to SN 1160008518)

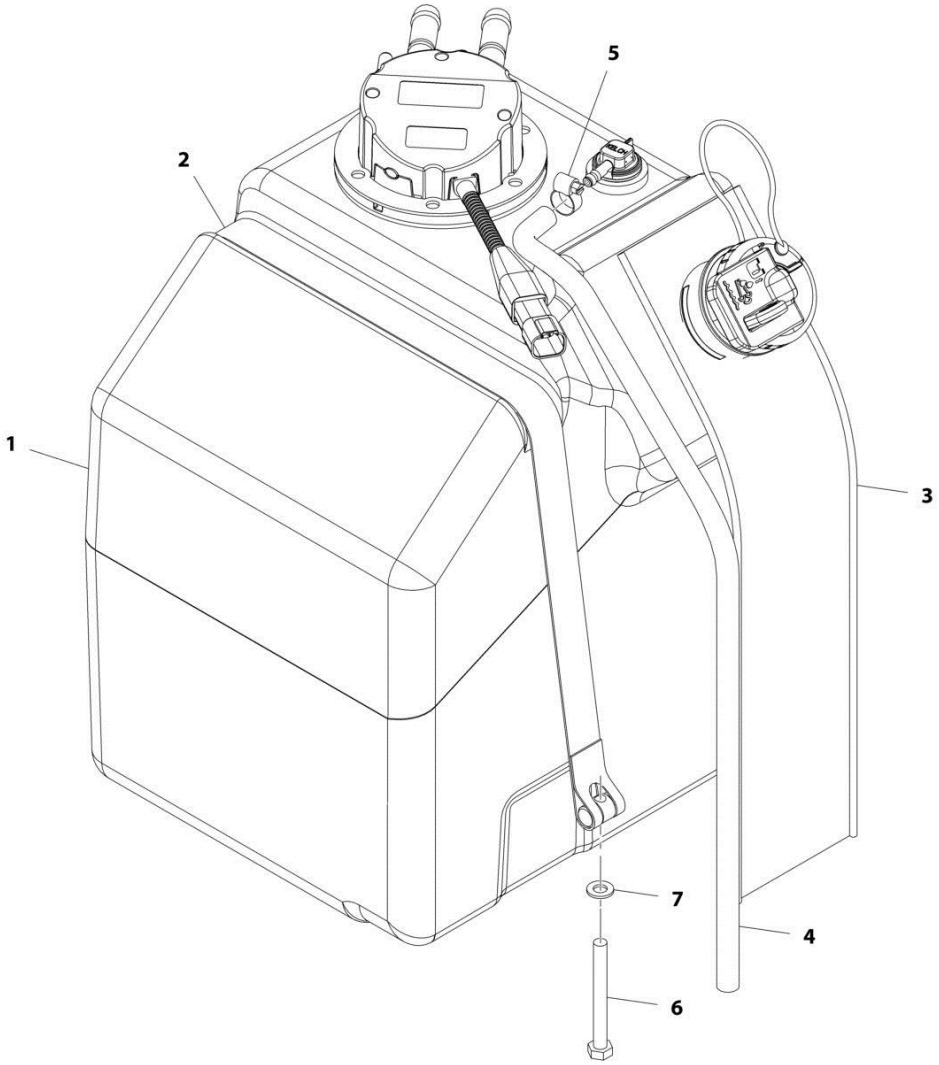


FIGURE 4-58. DEF TANK INSTALLATION (ULS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168639	Ref	DEF Tank Installation (ULS)	J
1	1001164968	1	DEF Tank Assembly (ULS) (See Separate Breakdown in this Section)	
2	1001178791	1	Strap	
3	1001168272	1	Sleeve	
4	1001175201	0.6 m	Hose	
5	8405009	1	Clamp	
6	0760823	1	Bolt, M8X75	
7	4811900	1	Washer, M8	

FIGURE 4-59. DEF TANK INSTALLATION (ULS) (SN 1160008518 to Present)

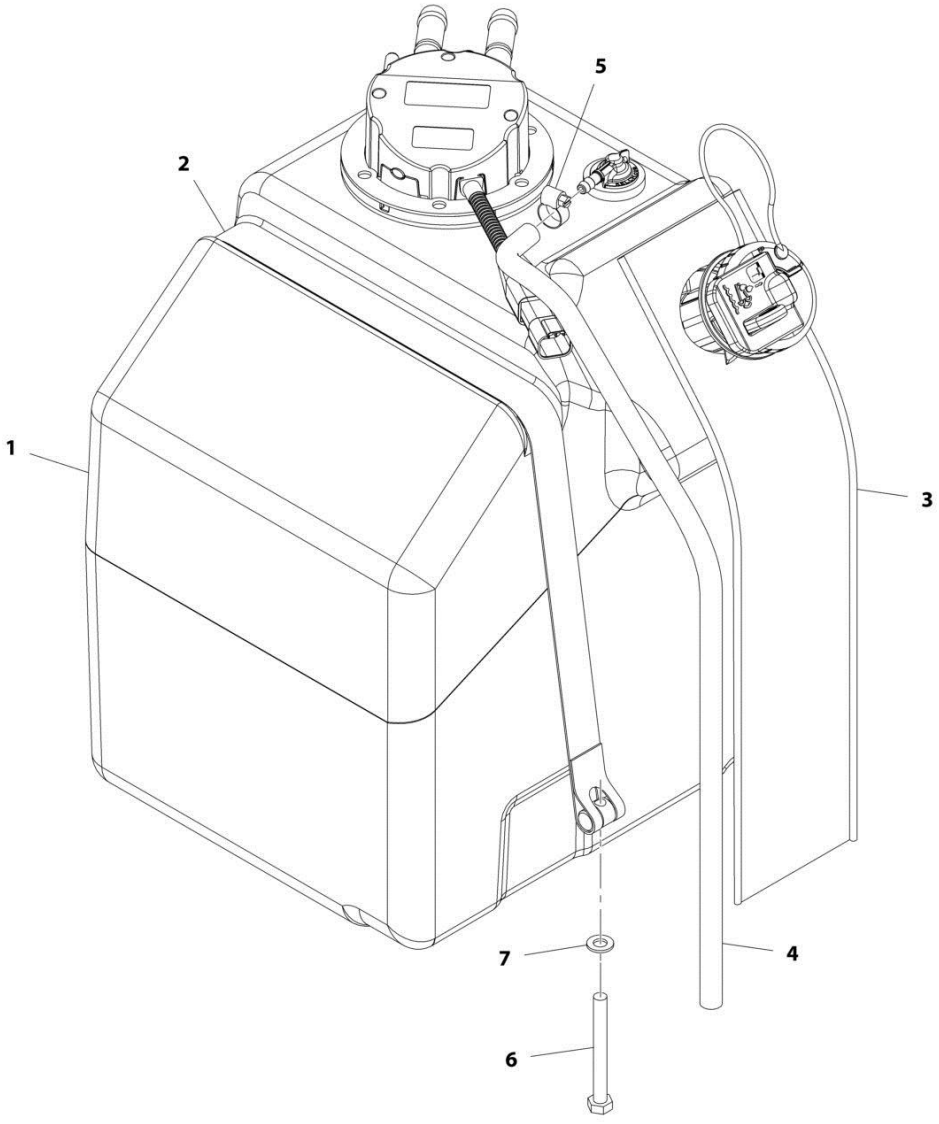


FIGURE 4-59. DEF TANK INSTALLATION (ULS) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168639	Ref	DEF Tank Installation (ULS)	K
1	1001225676	1	DEF Tank Assembly (ULS) (See Separate Breakdown in this Section)	
2	1001178791	1	Strap	
3	1001168272	1	Sleeve	
4	1001175201	0.6 m	Hose	
5	8405009	1	Clamp	
6	0760823	1	Bolt, M8X75	
7	4811900	1	Washer, M8	

FIGURE 4-60. DEF LINES INSTALLATION (ULS)

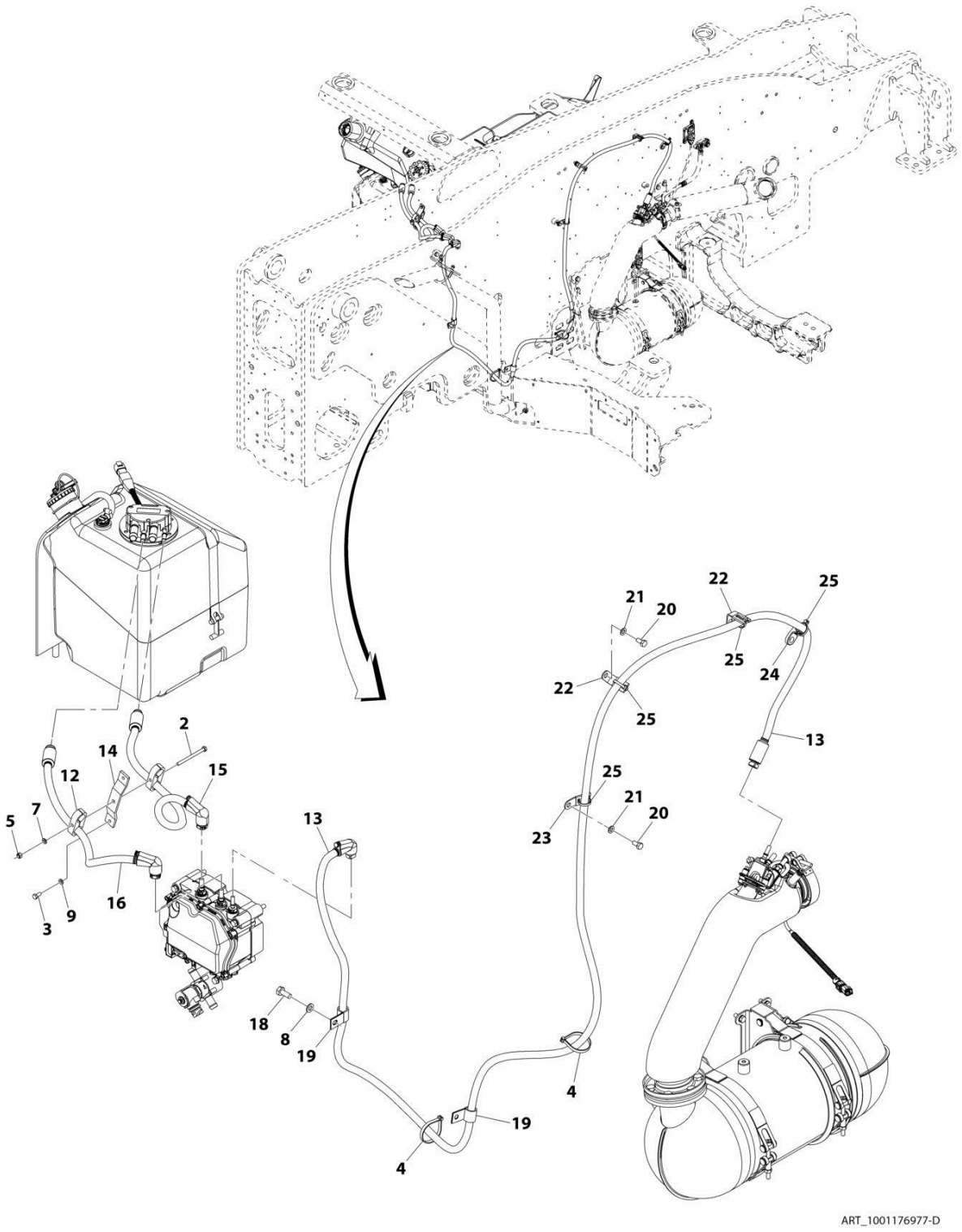


FIGURE 4-60. DEF LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176977	Ref	DEF Lines Installation (ULS)	D
2	0700624	1	Bolt, M6X80	
3	0760607	2	Bolt, M6X14	
4	1062255	2	Strap, Tie	
5	3290605	1	Nut, Lock M6X1 Grade 8	
7	4811700	1	Washer, M6	
8	4812000	1	Washer, M10	
9	4831700	2	Washer, Lock M6	
12	1001094301	2	Clamp	
13	1001207486	1	Hose	
14	1001180328	1	Bracket	
15	1001180435	1	Hose	
16	1001180436	1	Hose	
18	0761012	1	Bolt, M10X25	
19	1001008574	2	Clip	
20	0760808	2	Bolt, M8X16	
21	4811900	2	Washer, M8	
22	1001003305	2	Clip	
23	1001008593	1	Clip	
24	1001169146	1	Mount	
25	471678	4	Strap, Tie	

FIGURE 4-61. DEF TANK ASSEMBLY (ULS) (Prior to SN 1160008518)

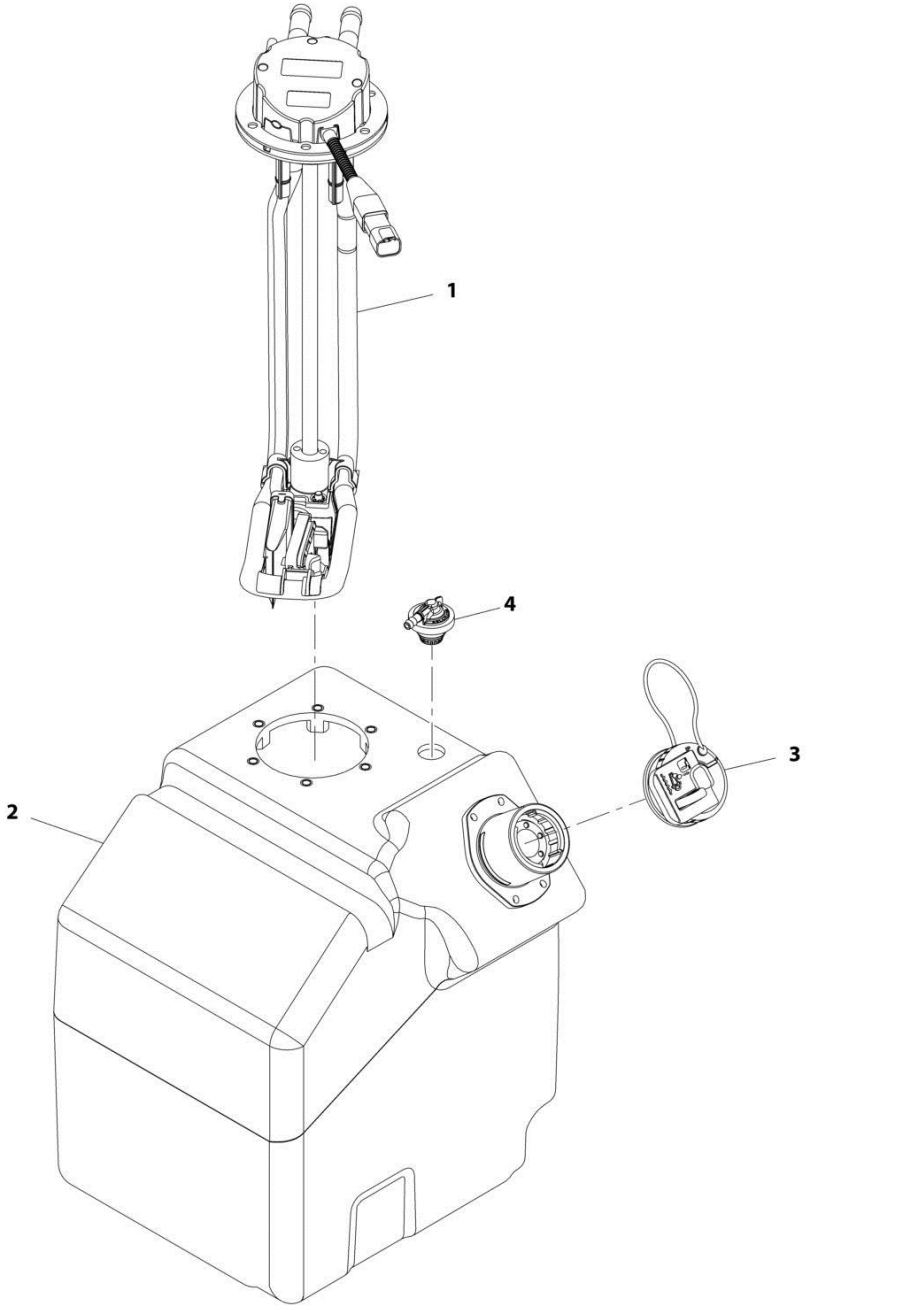


FIGURE 4-61. DEF TANK ASSEMBLY (ULS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164968	Ref	DEF Tank Assembly (ULS)	G
1	1001164965	1	DEF, Header	
2	1001164967	1	Tank, DEF	
3	1001174795	1	Cap	
4	1001215319	1	Valve, DEF Breather	

FIGURE 4-62. DEF TANK ASSEMBLY (ULS) (SN 1160008518 to Present)

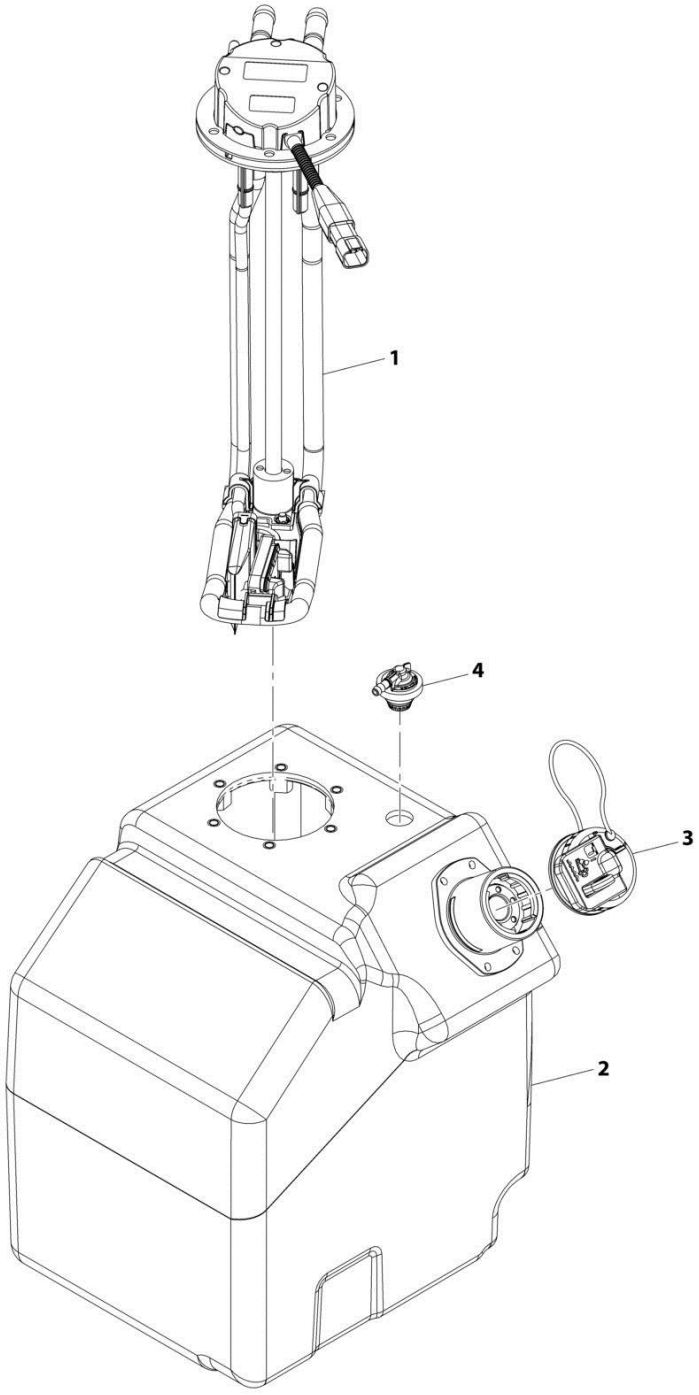
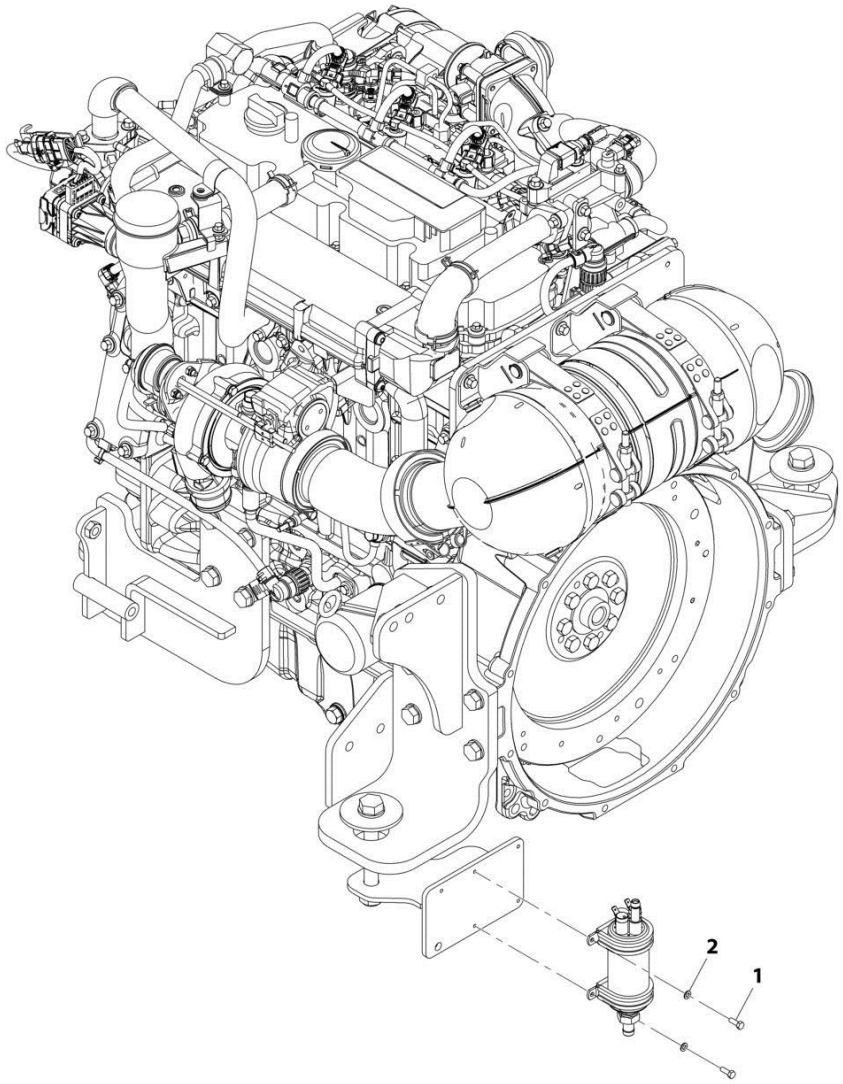


FIGURE 4-62. DEF TANK ASSEMBLY (ULS) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225676	Ref	DEF Tank Assembly (ULS)	B
1	1001225677	1	DEF, Header	
2	1001164967	1	Tank, DEF	
3	1001174795	1	Cap	
4	1001215319	1	Valve, DEF Breather	

FIGURE 4-63. REMOTE FUEL PUMP INSTALLATION (74.4KW)

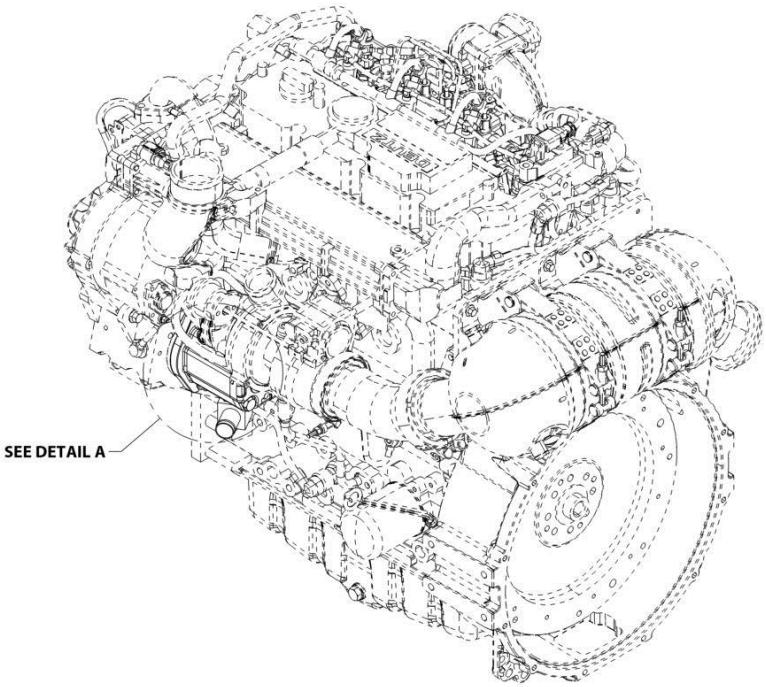


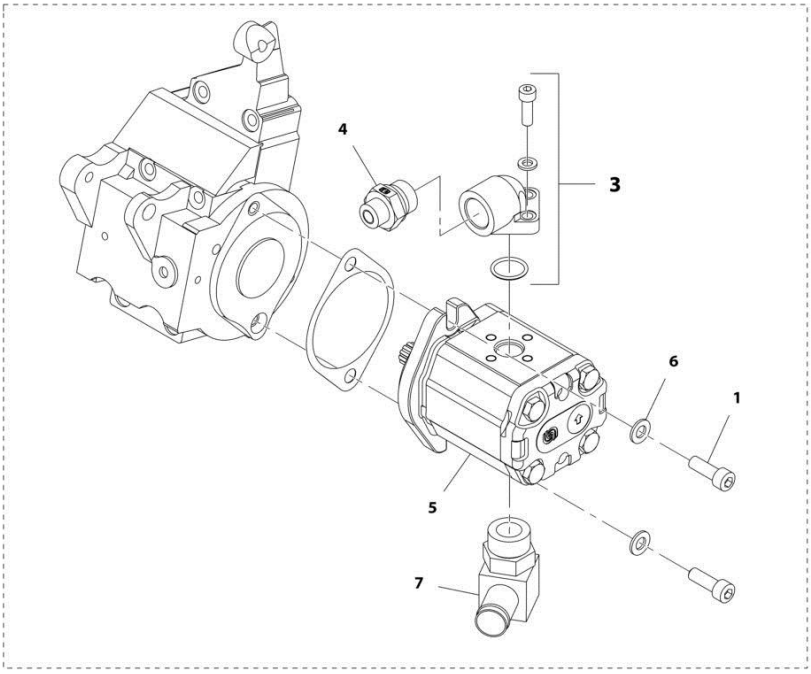
ART_1001165789-G

FIGURE 4-63. REMOTE FUEL PUMP INSTALLATION (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165789	Ref	Remote Fuel Pump Installation (74.4KW)	G
1	0760507	4	Bolt, M5X14	
2	4811600	4	Washer, M5	

FIGURE 4-64. HYDRAULIC PUMP INSTALLATION (74.4KW)





DETAIL A

ART_1001185865-E

FIGURE 4-64. HYDRAULIC PUMP INSTALLATION (74.4KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185865	Ref	Hydraulic Pump Installation (74.4KW)	E
1	4032010	2	Bolt, M10X30	
3	1001135245	1	Elbow, Adapter	
4	1001192411	1	Fitting, Straight ORFS	
5	1001182943	1	Pump	
6	4812000	2	Washer, M10	
7	1001109494	1	Fitting, 90 ORFS	

FIGURE 4-65. HYDRAULIC PUMP INSTALLATION (90KW)

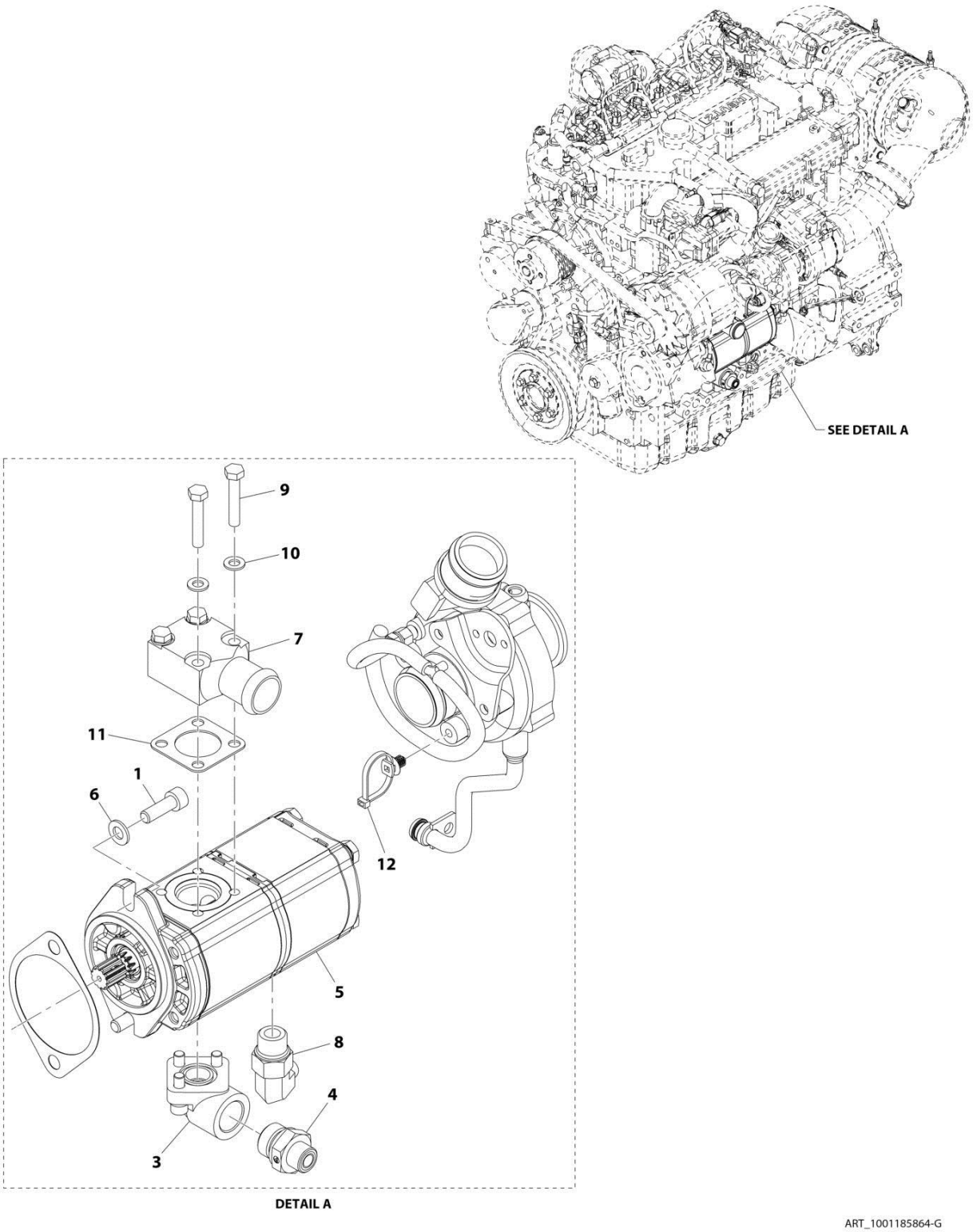


FIGURE 4-65. HYDRAULIC PUMP INSTALLATION (90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185864	Ref	Hydraulic Pump Installation (90KW)	G
1	4032010	2	Bolt, M10X30	
3	1001135245	1	Elbow, Adapter	
4	1001192411	1	Fitting, Straight ORFS	
5	1001182935	1	Pump	
6	4812000	2	Washer, M10	
7	1001202643	1	Fitting	
8	2130610	1	Fitting, 90 ORFS	
9	0700817	4	Bolt, M8X45	
10	4811900	4	Washer, M8	
11	1001203012	1	Seal	
12	1001146588	1	Strap	

FIGURE 4-66. HEATER LINES INSTALLATION (ULS)

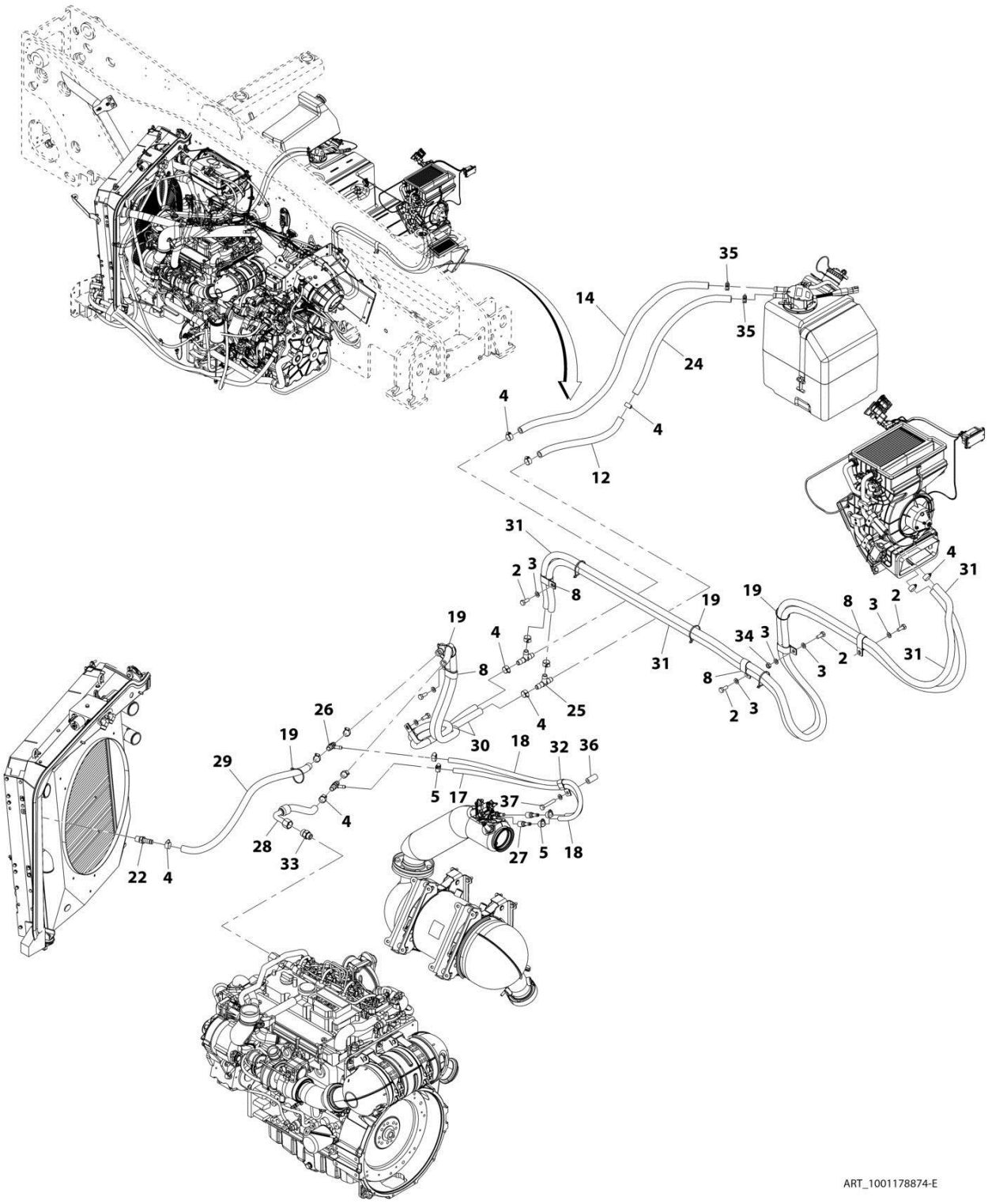


FIGURE 4-66. HEATER LINES INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178874	Ref	Heater Lines Installation (ULS)	E
2	0761012	6	Bolt, M10X25	
3	4812000	8	Washer, M10	
4	8410009	15	Clamp	
5	8410013	4	Clamp	
8	1001008720	6	Clip	
12	1001202478	1	Hose	
14	1001202479	1	Hose	
17	1001202473	1	Hose	
18	1001202474	1	Hose	
19	1001008559	8	Strap	
22	1001104685	1	Fitting, Barbed	
24	1001180429	1	Hose	
25	1001183125	2	Fitting, Tee	
26	1001183149	2	Fitting, Tee	
27	1001183357	2	Fitting, Straight	
28	1001212956	1	HOSE ASSY,.63" ORFS/NONE	
29	1001202476	1	Hose	
30	1001202477	2	Hose	
31	1001202480	2	Hose	
32	1001008573	1	Clip	
33	2221257	1	Fitting, Straight ORFS	
34	3291001	1	Nut, M10X1.5 Grade 8	
35	1001152730	2	Clamp	
36	1001092122	1	Spacer	
37	0701020	1	Bolt, M10X60	

FIGURE 4-67. HEATER LINES INSTALLATION (LS)

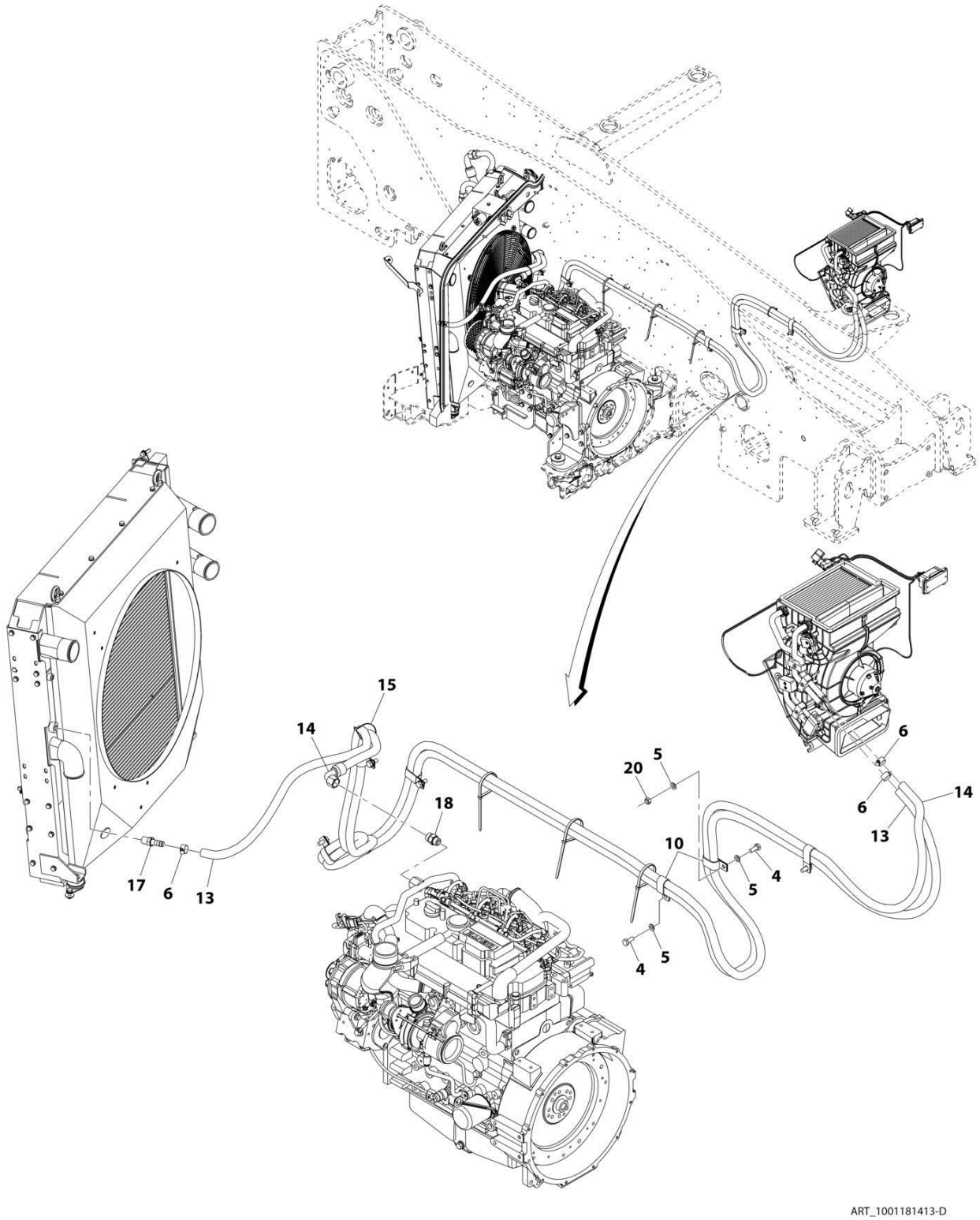


FIGURE 4-67. HEATER LINES INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181413	Ref	Heater Lines Installation (LS)	D
4	0761012	6	Bolt, M10X25	
5	4812000	7	Washer, M10	
6	8410009	3	Clamp	
10	1001008720	6	Clip	
13	1001201296	1	Hose	
14	1001202772	1	Hose	
15	1001008559	2	Strap	
17	1001104685	1	Fitting, Barbed	
18	1001202921	1	Fitting, Straight ORFS	
18	2221257	1	Fitting, Straight ORFS	
20	3291001	1	Nut, M10X1.5	

FIGURE 4-68. BLOCK HEATER INSTALLATION (230V - LS)

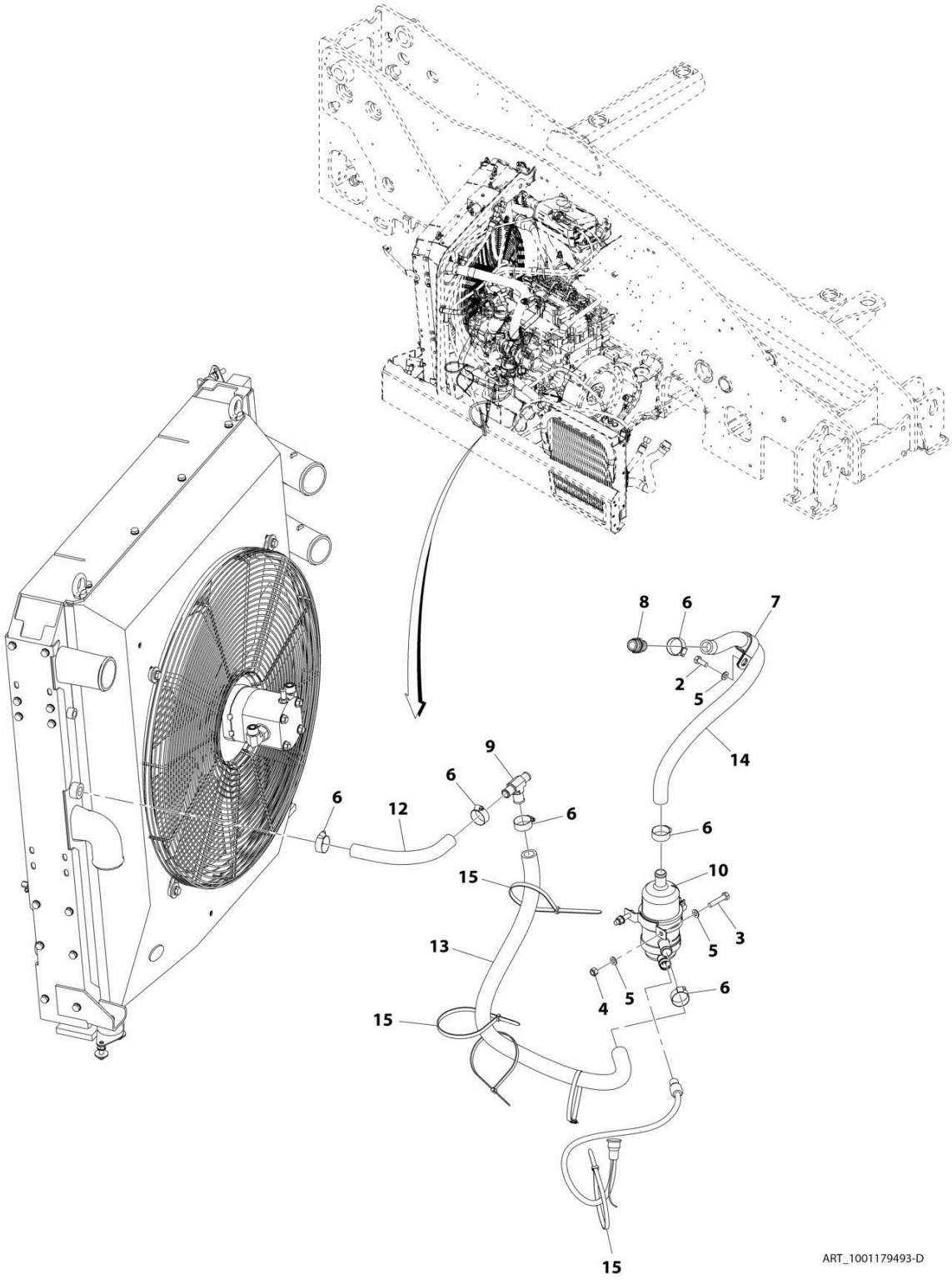


FIGURE 4-68. BLOCK HEATER INSTALLATION (230V - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179493	Ref	Block Heater Installation (230V - LS)	D
2	0760810	1	Bolt, M8X20	
3	0760816	2	Bolt, M8X40	
4	3290805	2	Nut, Lock M8X1.25 Grade 8	
5	4811900	5	Washer, M8	
6	8405007	6	Clamp	
7	8406302	1	Clamp	
8	1001167408	1	Adapter, Hose	
9	1001167773	1	Fitting, Tee	
10	1001165069	1	Block Heater (230V) (See Separate Breakdown in this Section)	
12	1001204302	1	Hose	
13	1001204301	1	Hose	
14	1001204373	1	Hose	
15	1062255	5	Strap, Tie	

FIGURE 4-69. BLOCK HEATER INSTALLATION (120V - LS)

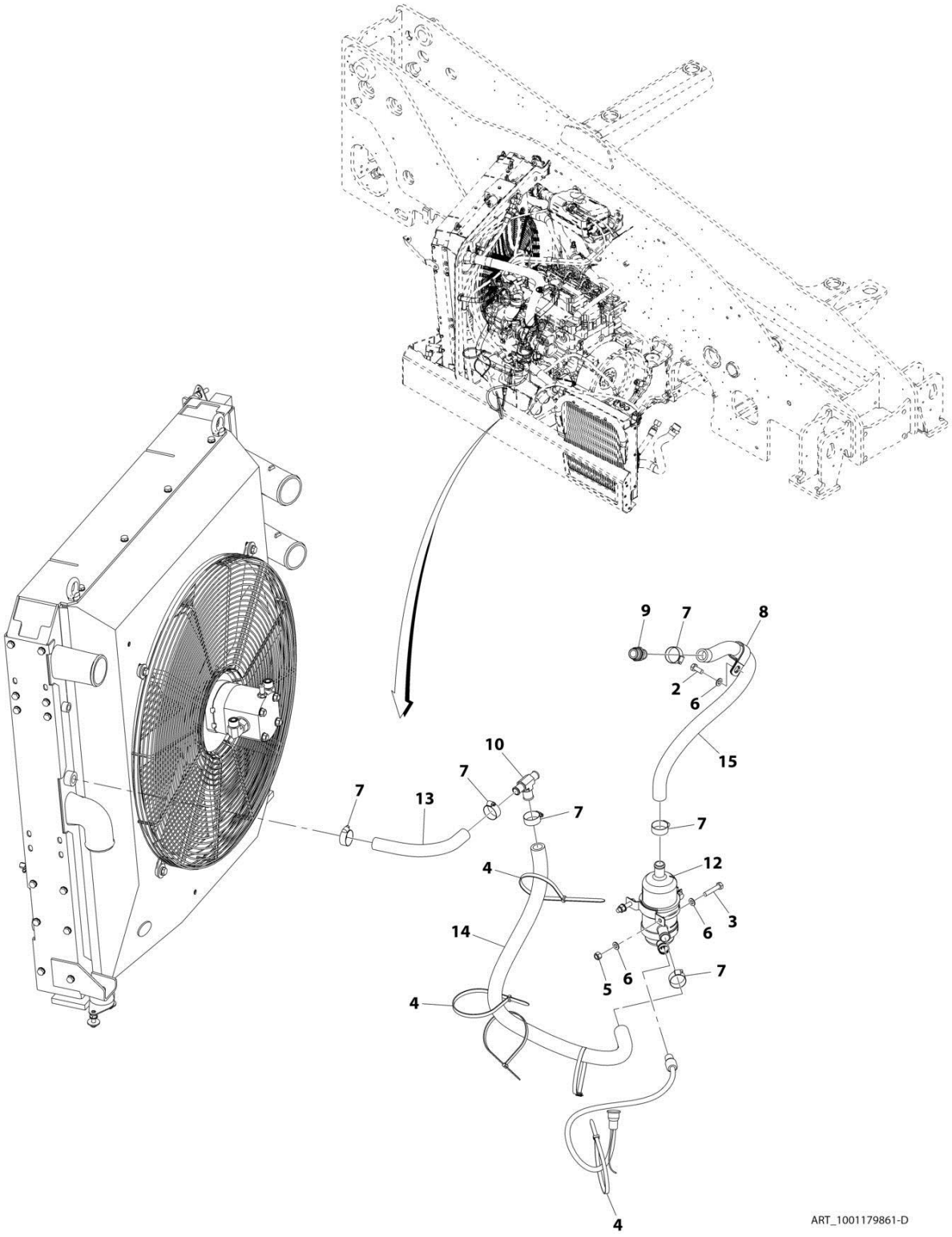


FIGURE 4-69. BLOCK HEATER INSTALLATION (120V - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179861	Ref	Block Heater Installation (120V - LS - JLG)	D
2	0760810	1	Bolt, M8X20	
3	0760816	2	Bolt, M8X40	
4	1062255	5	Strap, Tie	
5	3290805	2	Nut, Lock M8X1.25 Grade 8	
6	4811900	5	Washer, M8	
7	8405007	6	Clamp	
8	8406302	1	Clamp	
9	1001167408	1	Adapter, Hose	
10	1001167773	1	Fitting, Tee	
12	1001179910	1	Block Heater (120V) (See Separate Breakdown in this Section)	
13	1001204302	1	Hose	
14	1001204301	1	Hose	
15	1001204373	1	Hose	

FIGURE 4-70. BLOCK HEATER (ULS)

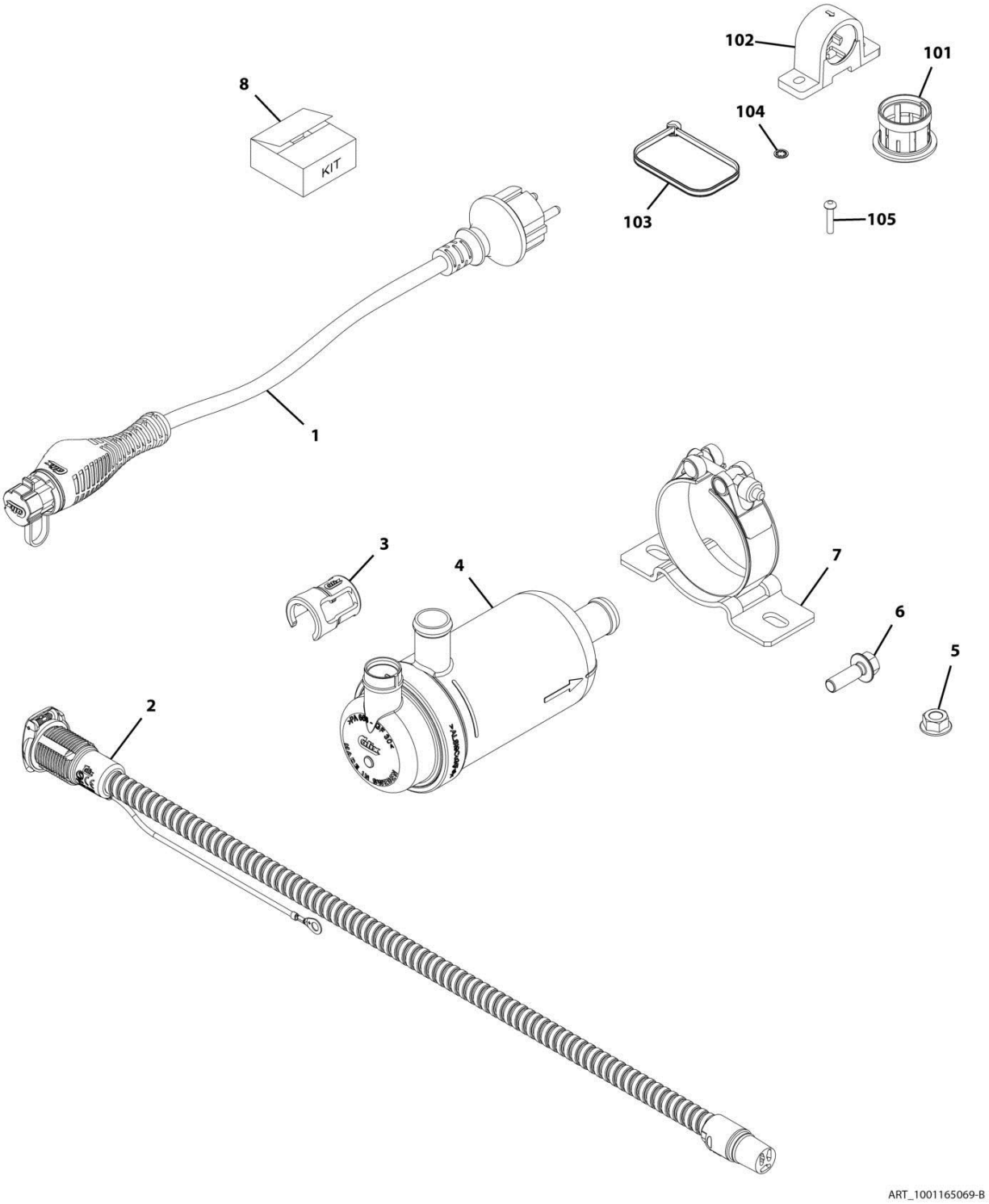


FIGURE 4-70. BLOCK HEATER (ULS)

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 4-71. BLOCK HEATER (LS)

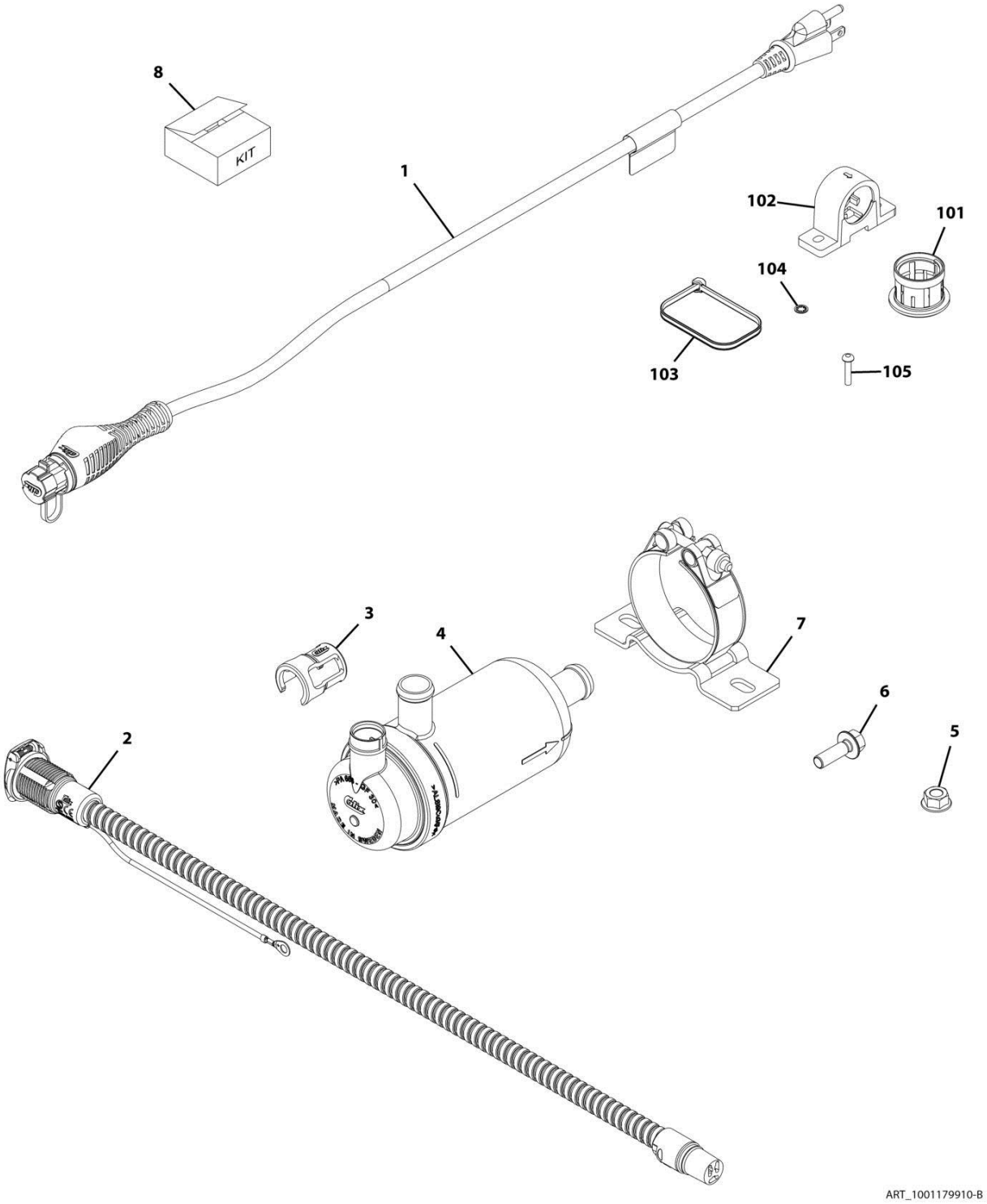


FIGURE 4-71. BLOCK HEATER (LS)

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 4-72. A/C PUMP INSTALLATION

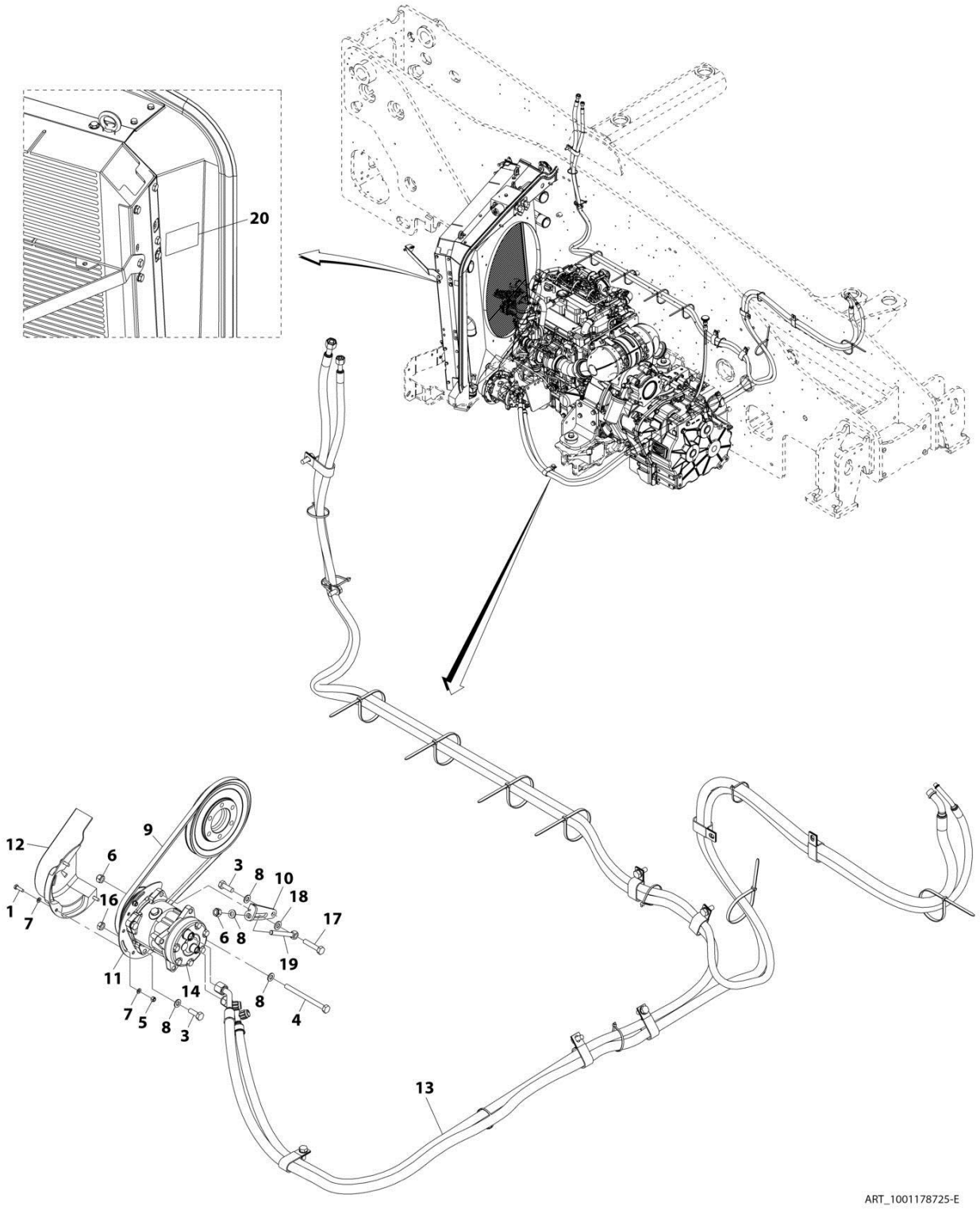


FIGURE 4-72. A/C PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178725	Ref	A/C Pump Installation	E
1	0700610	3	Bolt, M6X20	
3	0701014	3	Bolt, M10X30	
4	0701030	1	Bolt, M10X130	
5	3290605	3	Nut, Lock M6X1 Grade 8	
6	3291005	2	Nut, Lock M10X1.5 Grade 8	
7	4811700	6	Washer, M6	
8	4812000	5	Washer, M10	
9	1001167356	1	Belt, Drive A/C	
10	1001188855	1	Plate	
11	1001193735	1	Support	
12	1001171000	1	Cover	
13	1001178749	Ref	Installation, A/C Lines (See Separate Breakdown in this Section)	
14	1001119220	1	Compressor	
16	3291001	2	Nut, M10X1.5 Grade 8	
17	0701018	1	Bolt, M10X50	
18	5241000	1	Washer, M10	
19	1001188856	1	Rod	
20	1001227090	1	Decal	

FIGURE 4-73. A/C LINES INSTALLATION

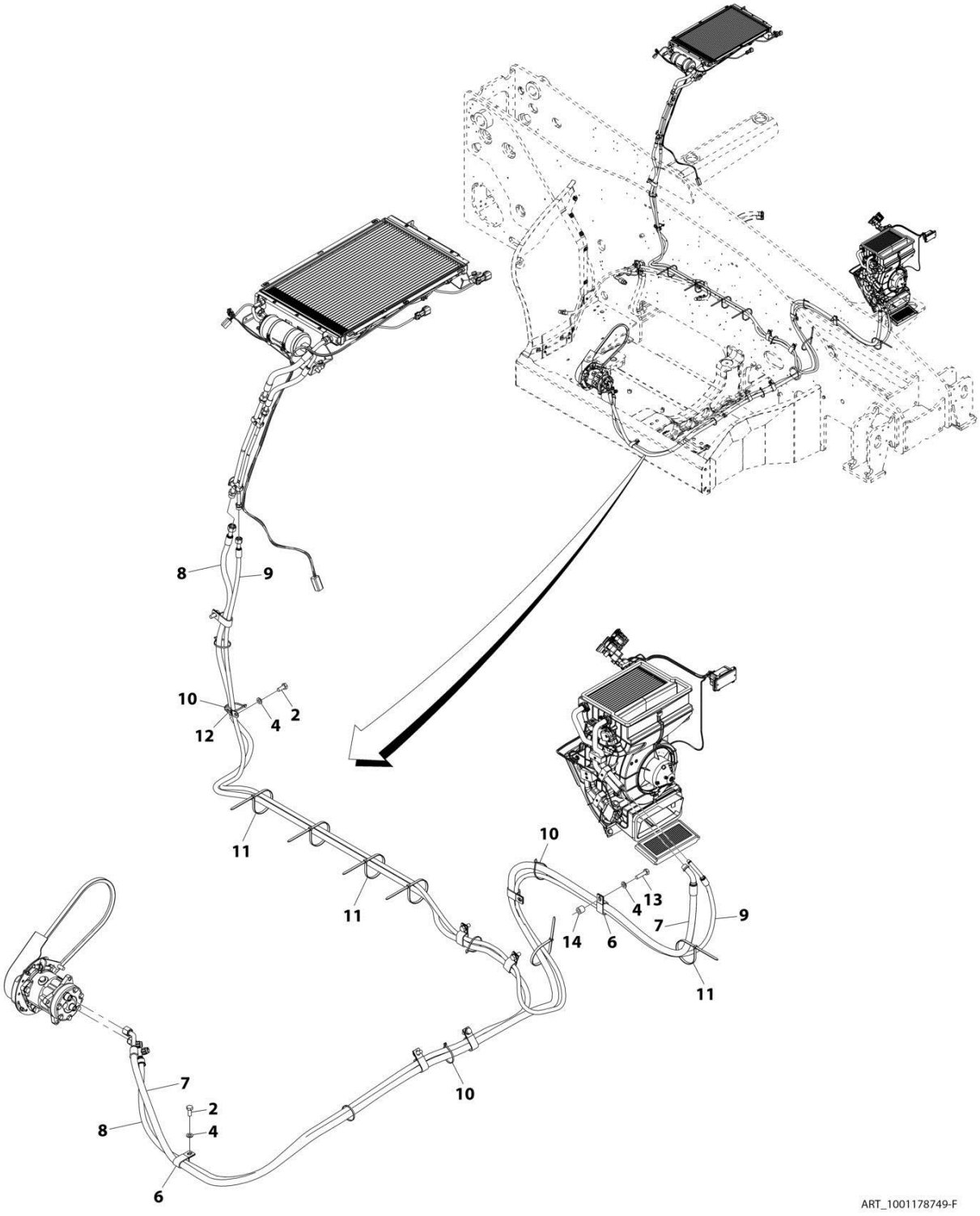


FIGURE 4-73. A/C LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178749	Ref	A/C Lines Installation	F
2	0761012	7	Bolt, M10X25	
4	4812000	8	Washer, M10	
6	1001026104	8	Clip	
7	1001203825	1	Hose	
8	1001180593	1	Hose	
9	1001203826	1	Hose	
10	1001008559	6	Strap	
11	1062255	6	Strap, Tie	
12	1001008593	1	Clip	
13	0701016	1	Bolt, M10X40	
14	1001095401	1	Spacer	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. AXLES INSTALLATION (NO HYDRAULIC PARK BRAKE)

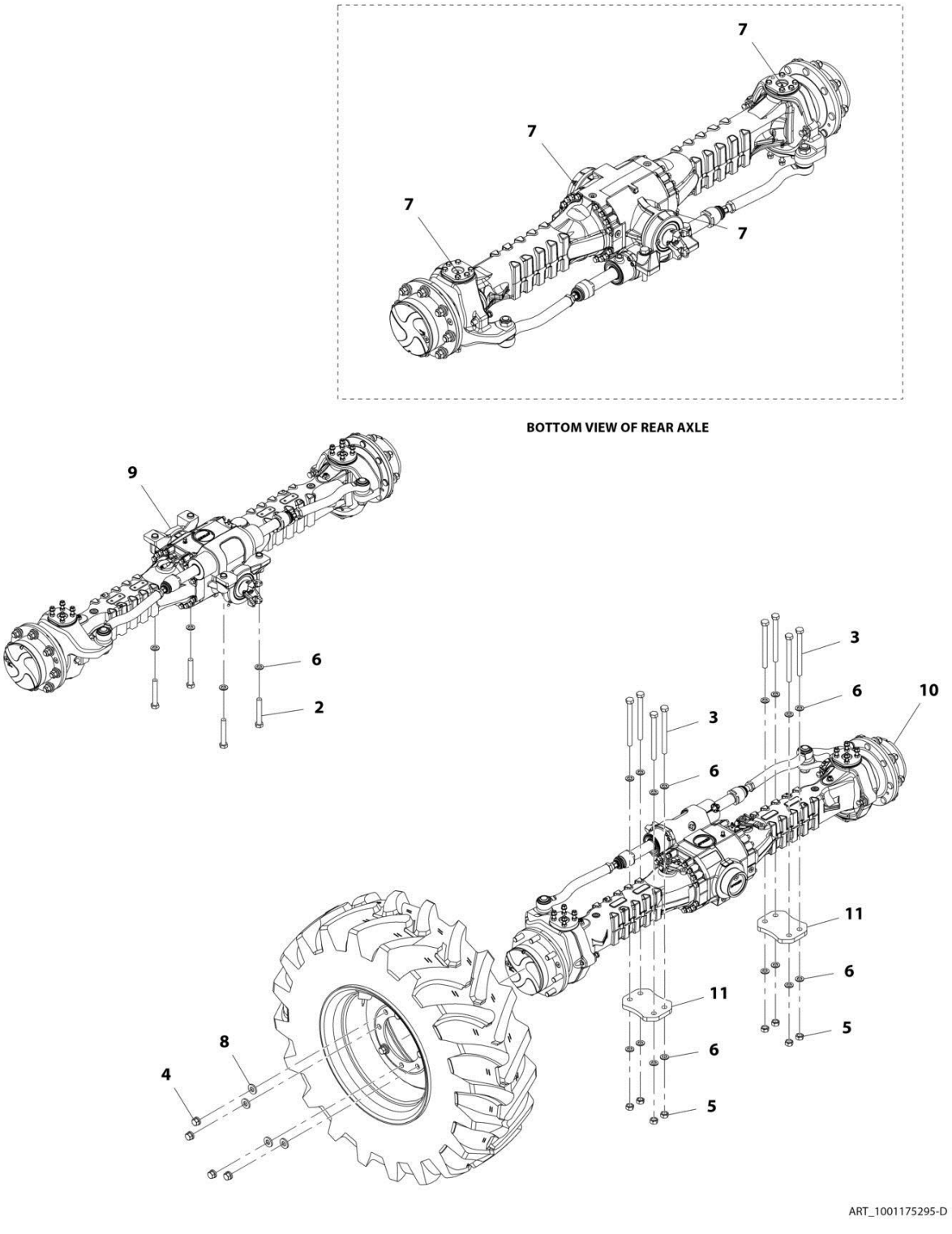


FIGURE 5-1. AXLES INSTALLATION (NO HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175295	Ref	Axles Installation (No Hydraulic Park Brake)	D
2	0712030	4	Bolt, M20X130 Grade 10.9	
3	0712040	8	Bolt, M20X230 Grade 10.9	
4	3300479	32	Nut, M22X1.5	
5	3332011	8	Nut, M20X2.5	
6	1001197130	20	Washer	
7	1001008462	AR	Grease	
8	1001114802	32	Washer	
9	1001165857	Ref	Installation, Rear Axle (See Separate Breakdown in this Section)	
10	1001175670	Ref	Installation, Front Axle (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
11	1001190542	2	Plate	

FIGURE 5-2. AXLES INSTALLATION (HYDRAULIC PARK BRAKE)

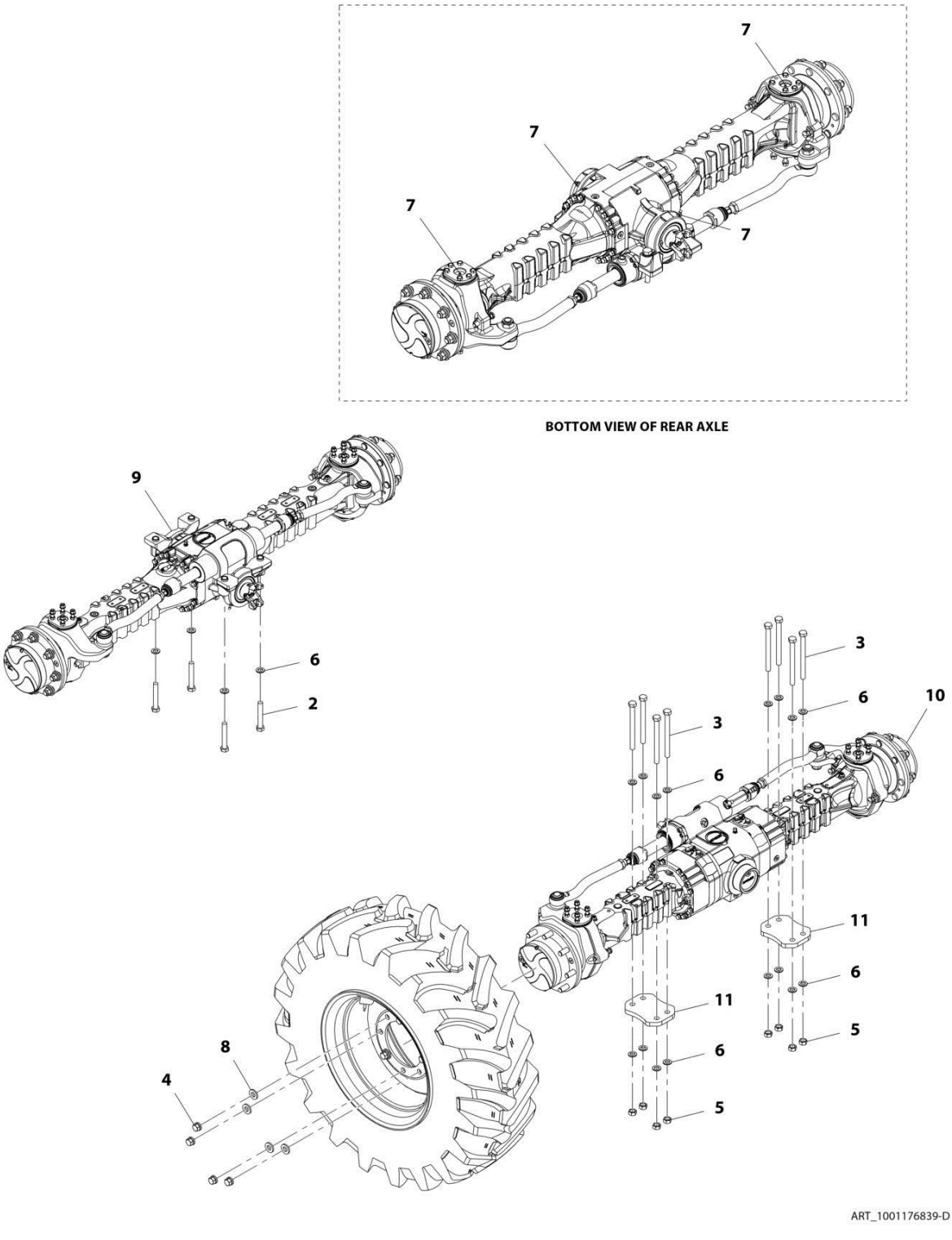
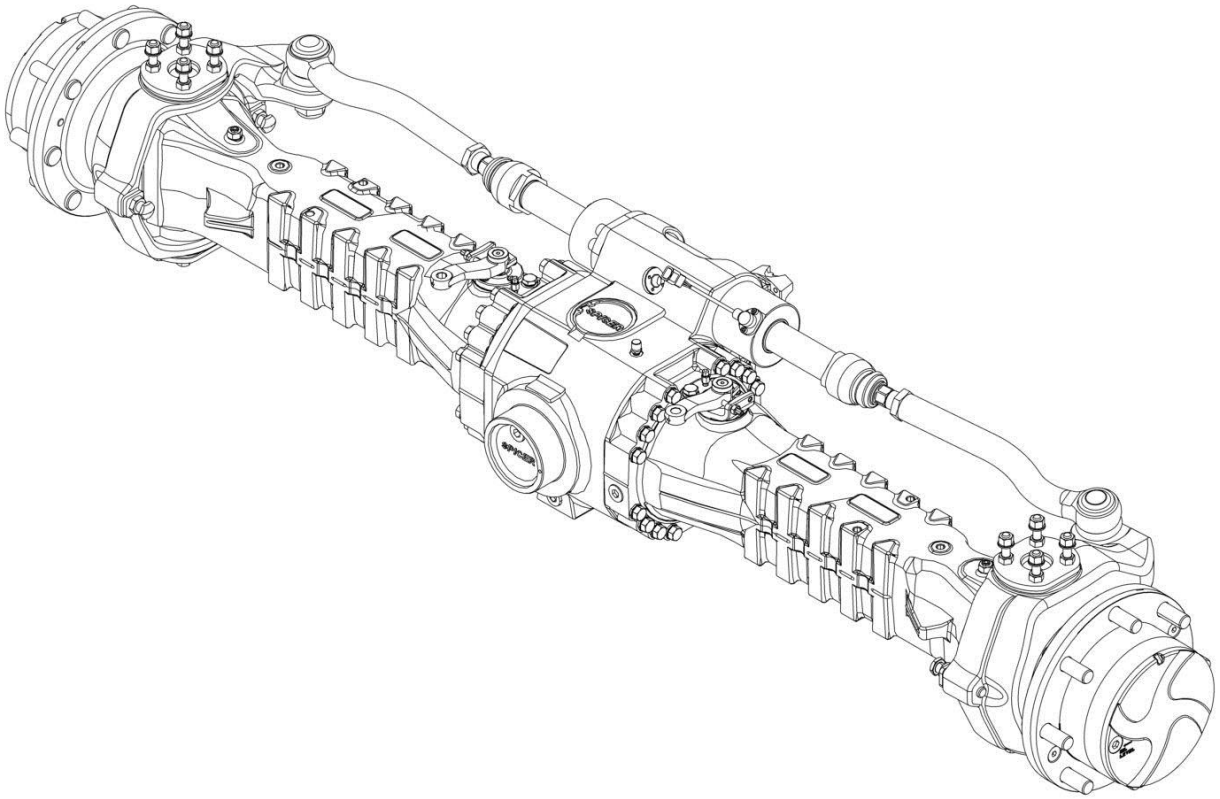


FIGURE 5-2. AXLES INSTALLATION (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176839	Ref	Axles Installation (Hydraulic Park Brake)	D
2	0712030	4	Bolt, M20X130 Grade 10.9	
3	0712040	8	Bolt, M20X230 Grade 10.9	
4	3300479	32	Nut, M22X1.5	
5	3332011	8	Nut, M20X2.5	
6	1001197130	20	Washer	
7	1001008462	AR	Grease	
8	1001114802	32	Washer	
9	1001165857	Ref	Installation, Rear Axle (See Separate Breakdown in this Section)	
10	1001175671	Ref	Installation, Front Axle (Hydraulic Park Brake) (See Separate Breakdown in this Section)	
11	1001190542	2	Plate	

FIGURE 5-3. FRONT AXLE INSTALLATION (NO HYDRAULIC PARK BRAKE)



ART_1001175670-E

FIGURE 5-3. FRONT AXLE INSTALLATION (NO HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175670	Ref	Front Axle Installation (No Hydraulic Park Brake)	E
		Ref	Front Axle, Central Housing (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Differential (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Hub Reduction (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Brakes (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Steering (No Hydraulic Park Brake) (See Separate Breakdown in this Section)	

FIGURE 5-4. FRONT AXLE, CENTRAL HOUSING (NO HYDRAULIC PARK BRAKE)

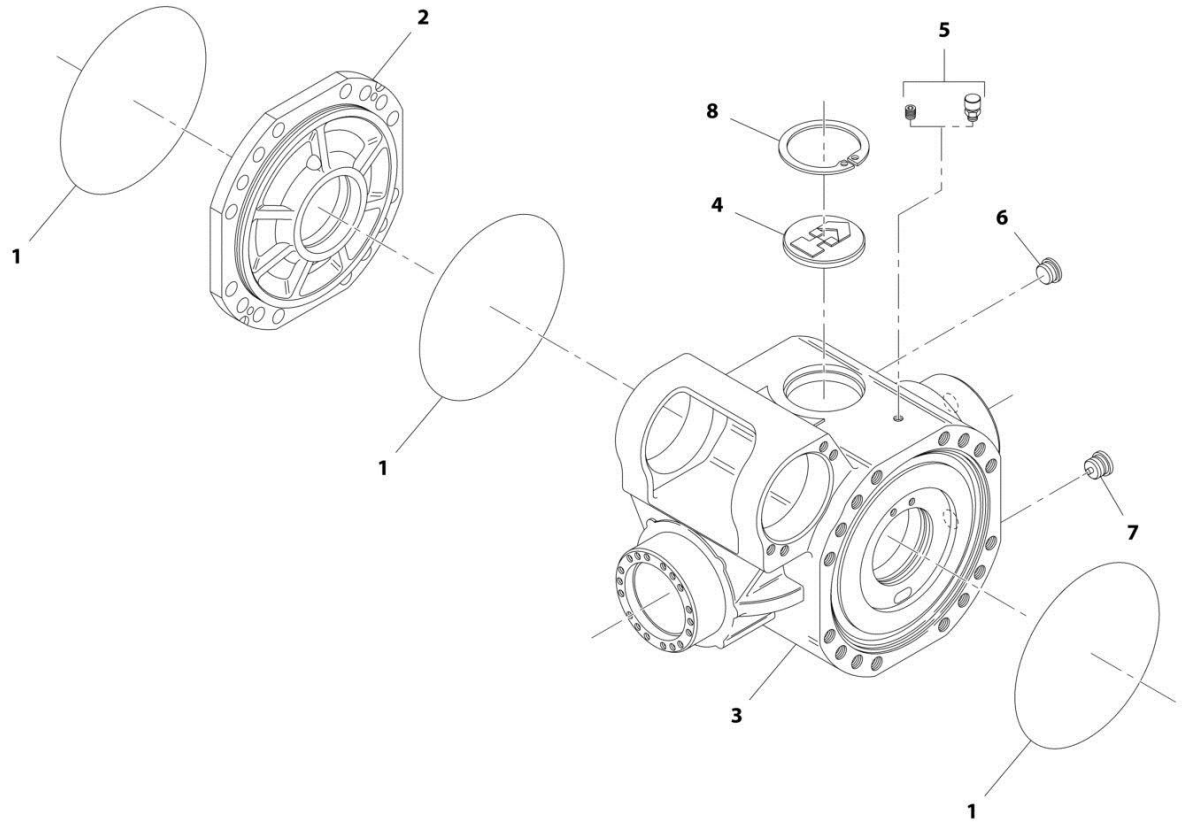


FIGURE 5-4. FRONT AXLE, CENTRAL HOUSING (NO HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
6	91514188	1	Plug	
7	91474513	1	Plug, Magnet	
8	80204005	1	Circlip	

FIGURE 5-5. FRONT AXLE, DIFFERENTIAL (NO HYDRAULIC PARK BRAKE)

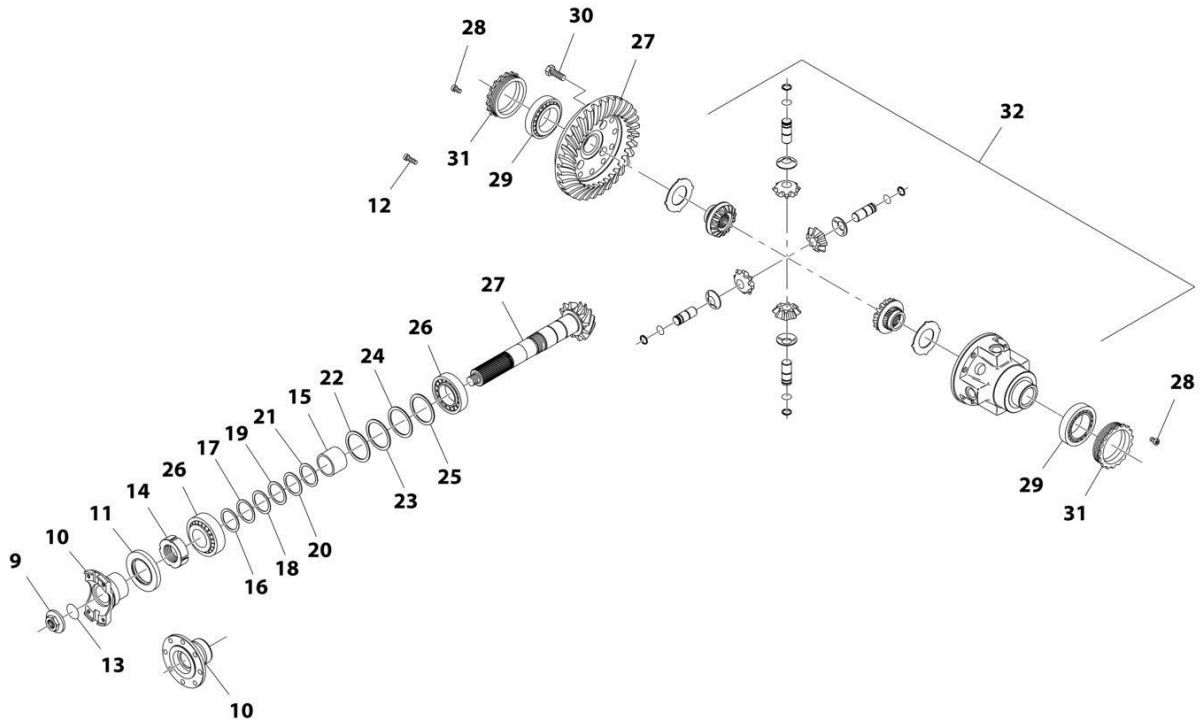


FIGURE 5-5. FRONT AXLE, DIFFERENTIAL (NO HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
9	70026631	1	Nut	
10	7029427	1	Flange	
11	70024522	1	Seal	
12	91474591	4	Bolt	
13	91474529	1	O-Ring	
14	91474533	1	Nut, Ring	
15	91474539	1	Spacer	
16	91474535	1	Shim	
17	91474536	1	Shim	
18	91474537	1	Shim	
19	91474538	1	Shim	
20	70024520	2	Shim	
21	70024520	1	Shim	
22	91474540	1	Shim	
23	91474541	1	Shim	
24	91474541	1	Shim	
25	91474543	1	Shim	
26	3968141	2	Bearing, Taper Roller	
27	8007749	1	Bevel Gear Set	
28	91514134	2	Bolt	
29	70026031	2	Bearing, Taper Roller	
30	91514123	12	Bolt	
31	91474547	2	Nut, Ring	
32	7028710	1	Kit, Differential (See Separate Breakdown in this Section)	

FIGURE 5-6. FRONT AXLE, HUB REDUCTION (NO HYDRAULIC PARK BRAKE)

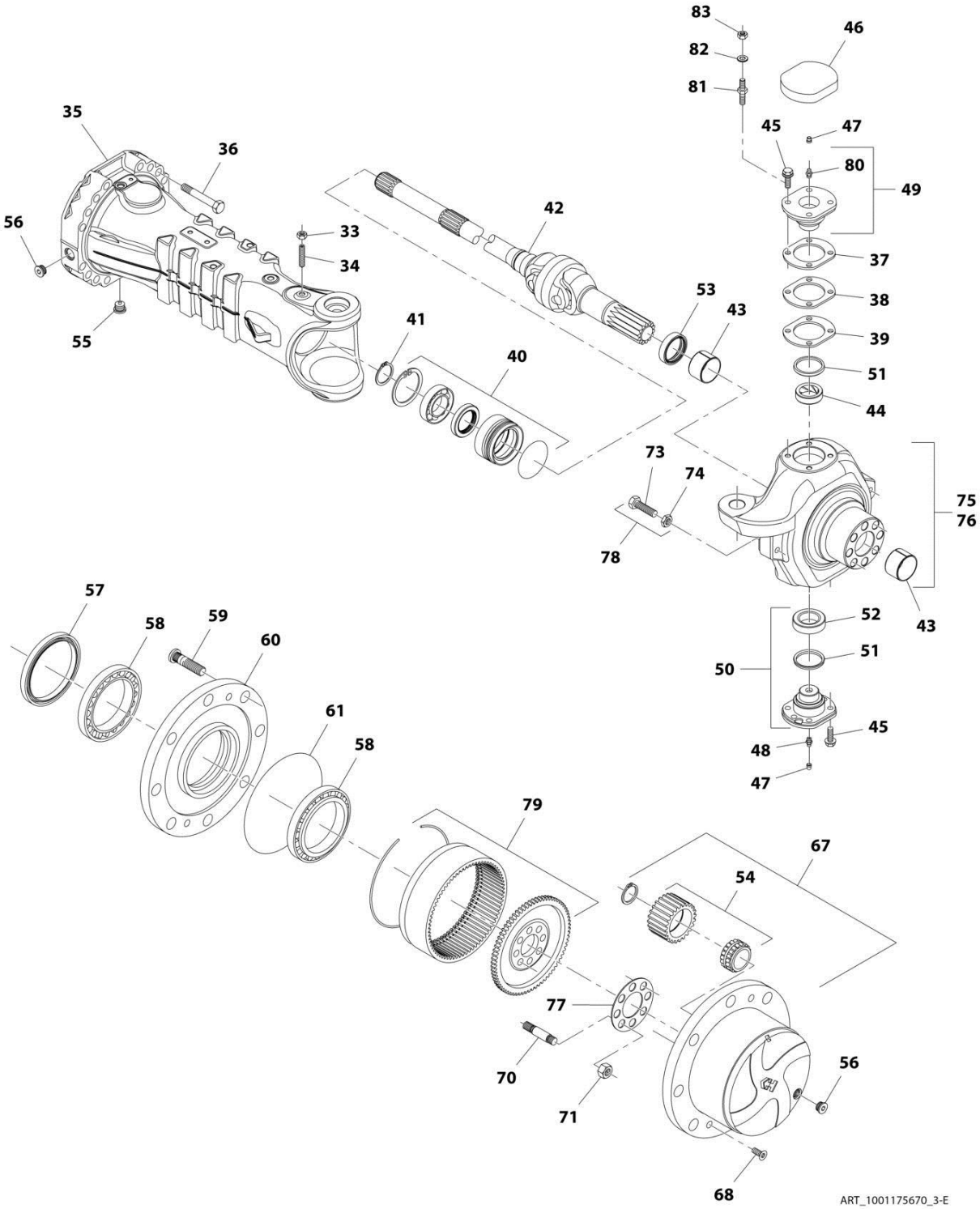


FIGURE 5-6. FRONT AXLE, HUB REDUCTION (NO HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	91514082	2	Nut	
34	2400600	2	Bolt	
35	70026950	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 (See Separate Breakdown in this Section)	
41	80204071	2	Circlip	
42	70026824	2	Joint, Double Universal	
43	8004468	2	Bushing, Thrust	
44	70020173	2	Bushing	
45	70025562	12	Bolt	
46	70025549	2	Cover	
47	2997103	4	Plug	
48	91514099	2	Fitting, Grease	
49	70025567	2	Pin, Pivot	
50	8006605	2	Pin, Pivot	
51	2401043	4	Seal	
52	2401258	2	Bearing	
53	8007771	2	Seal	
54	70023900	8	Kit, Planet Gear (includes Planet Gear and Bearing)	
55	91474513	2	Plug, Magnet	
56	91514188	4	Plug	
57	7029430	2	Seal	
58	3984301	4	Bearing	
59	8000877	16	Stud, Wheel	
60	70026818	2	Hub, Wheel	
61	91474507	2	O-Ring	
67	70026827	2	Kit, Planet Gear Carrier (See Separate Breakdown in this Section)	
68	91514189	4	Bolt	
70	91474583	16	Stud	
71	91474584	16	Nut	
72	91474579	2	Circlip	
73	91514117	4	Bolt	
74	80204065	4	Nut	
75	8007774	1	Kit, Steering Case (LF, RR) (See Separate Breakdown in this Section)	
76	8007777	1	Kit, Steering Case (RF, LR) (See Separate Breakdown in this Section)	
77	3983731	2	Plate	
78	7028733	4	Kit, Steering Adjust Bolt (See Separate Breakdown in this Section)	
79	7029432	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
80	7028115	2	Fitting, Grease	
81	70025819	8	Stud	
82	91514119	8	Washer	
83	91514120	8	Nut	

FIGURE 5-7. FRONT AXLE, BRAKES (NO HYDRAULIC PARK BRAKE)

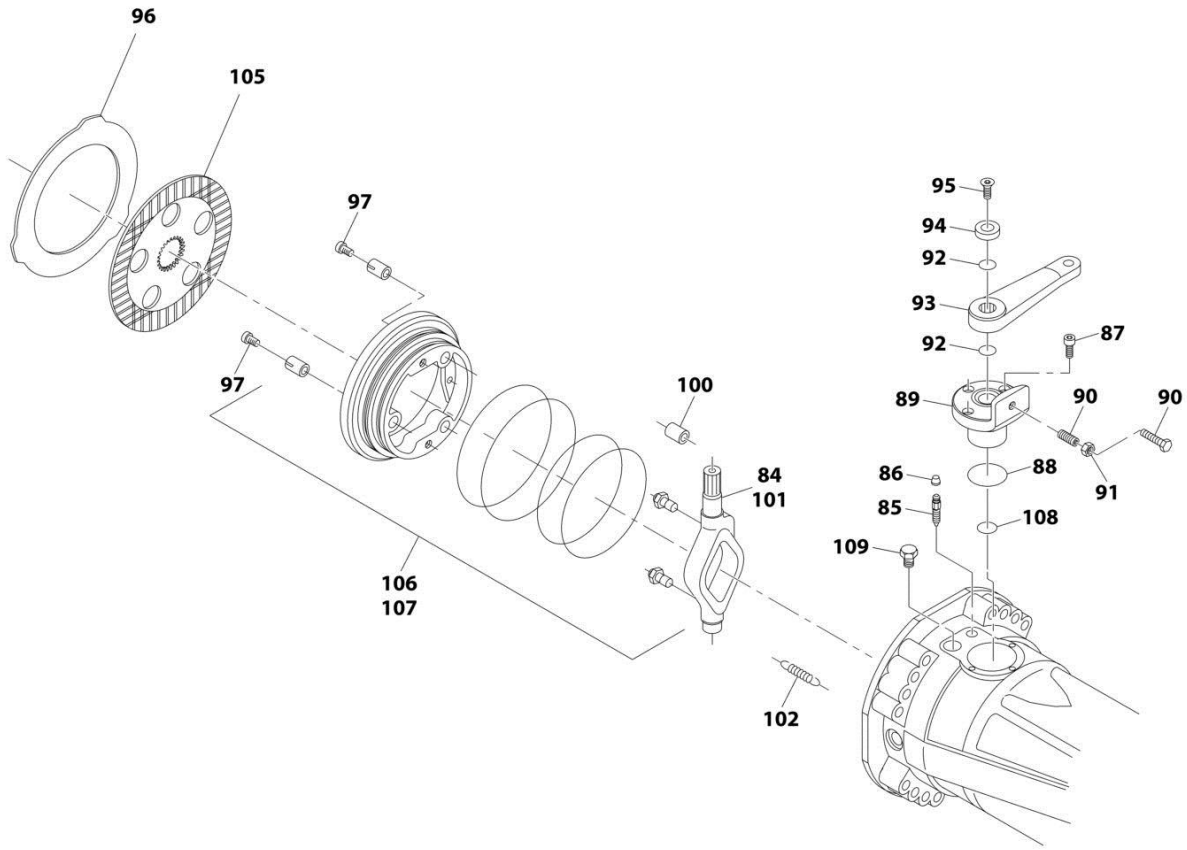


FIGURE 5-7. FRONT AXLE, BRAKES (NO HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
84	8007785	1	Lever, Right	
85	80204281	2	Bleeding Bolt	
86	80204117	2	Plug	
87	2401736	6	Bolt, Cylinder	
88	3986405	2	O-Ring	
89	8007788	2	Bushing, Reduction	
90	8002798	2	Setscrew	
91	8008168	2	Nut	
92	7028038	2	O-Ring	
93	70025568	2	Lever	
94	7028039	2	Washer	
95	8008169	2	Bolt, Countersunk	
96	70025823	10	Disc, Intermediate Brake	
97	7029786	6	Bolt, Adjusting	
100	7029433	2	Dowel	
101	8007786	1	Lever, Left	
102	3984425	6	Spring	
105	91474568	8	Disc	
106	70026069	1	Kit, Piston (Left) (See Separate Breakdown in this Section)	
107	70026068	1	Kit, Piston (Right) (See Separate Breakdown in this Section)	
108	8007802	2	O-Ring	
109	91514154	2	Bolt	

FIGURE 5-8. FRONT AXLE, STEERING (NO HYDRAULIC PARK BRAKE)

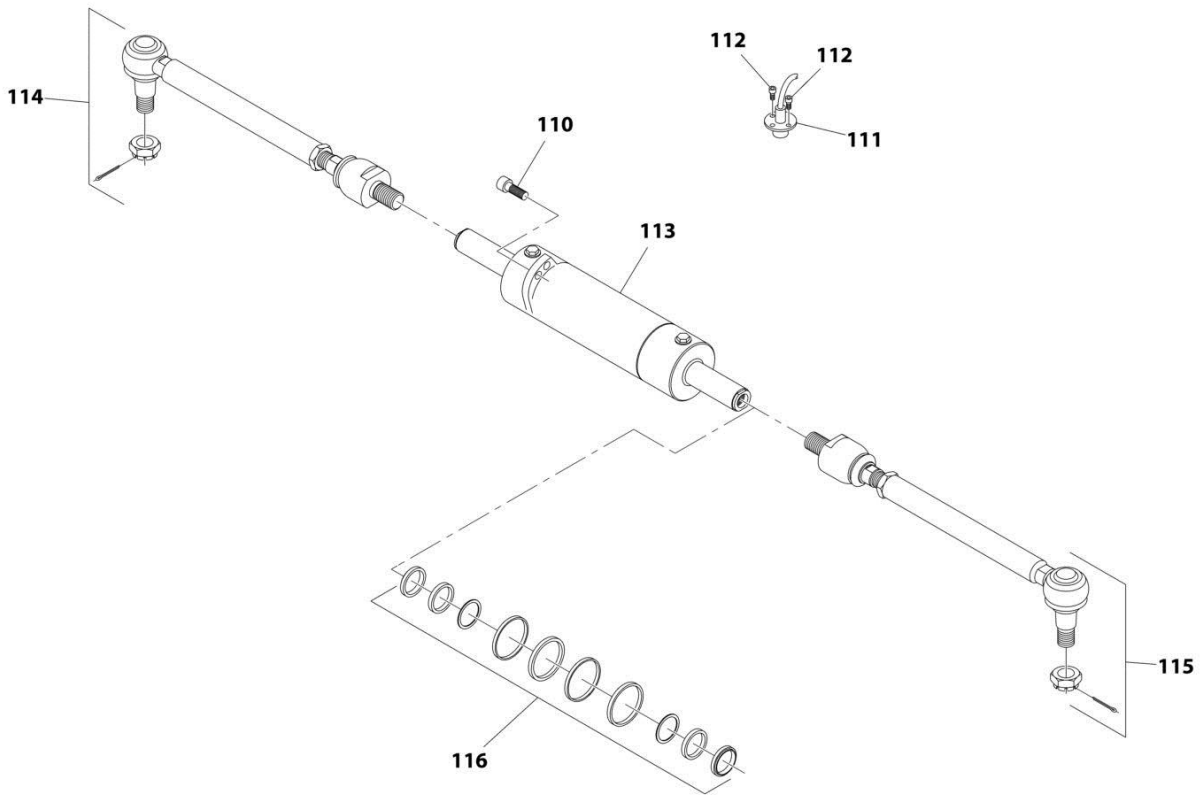
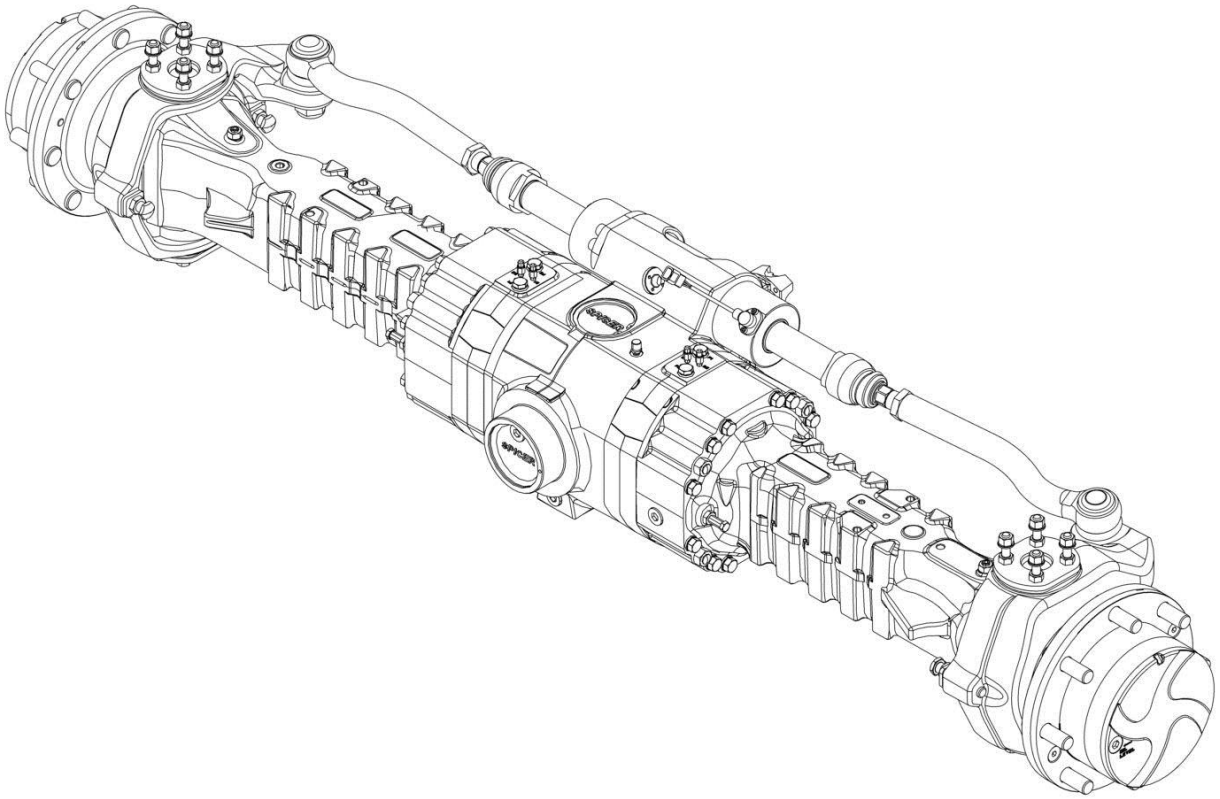


FIGURE 5-8. FRONT AXLE, STEERING (NO HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
110	91474522	4	Bolt	
111	70026808	1	Sensor	
112	8008175	2	Bolt	
113	70026826	1	Cylinder	
114	70026819	1	Rod, Tie	
115	70026820	1	Rod, Tie	
116	70025842	1	Kit, Seal	

FIGURE 5-9. FRONT AXLE INSTALLATION (HYDRAULIC PARK BRAKE)



ART_1001175671-C

FIGURE 5-9. FRONT AXLE INSTALLATION (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175671	Ref	Front Axle Installation (Hydraulic Park Brake)	C
		Ref	Front Axle, Central Housing (Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Differential (Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Hub Reduction (Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Brakes (Hydraulic Park Brake) (See Separate Breakdown in this Section)	
		Ref	Front Axle, Steering (Hydraulic Park Brake) (See Separate Breakdown in this Section)	

FIGURE 5-10. FRONT AXLE, CENTRAL HOUSING (HYDRAULIC PARK BRAKE)

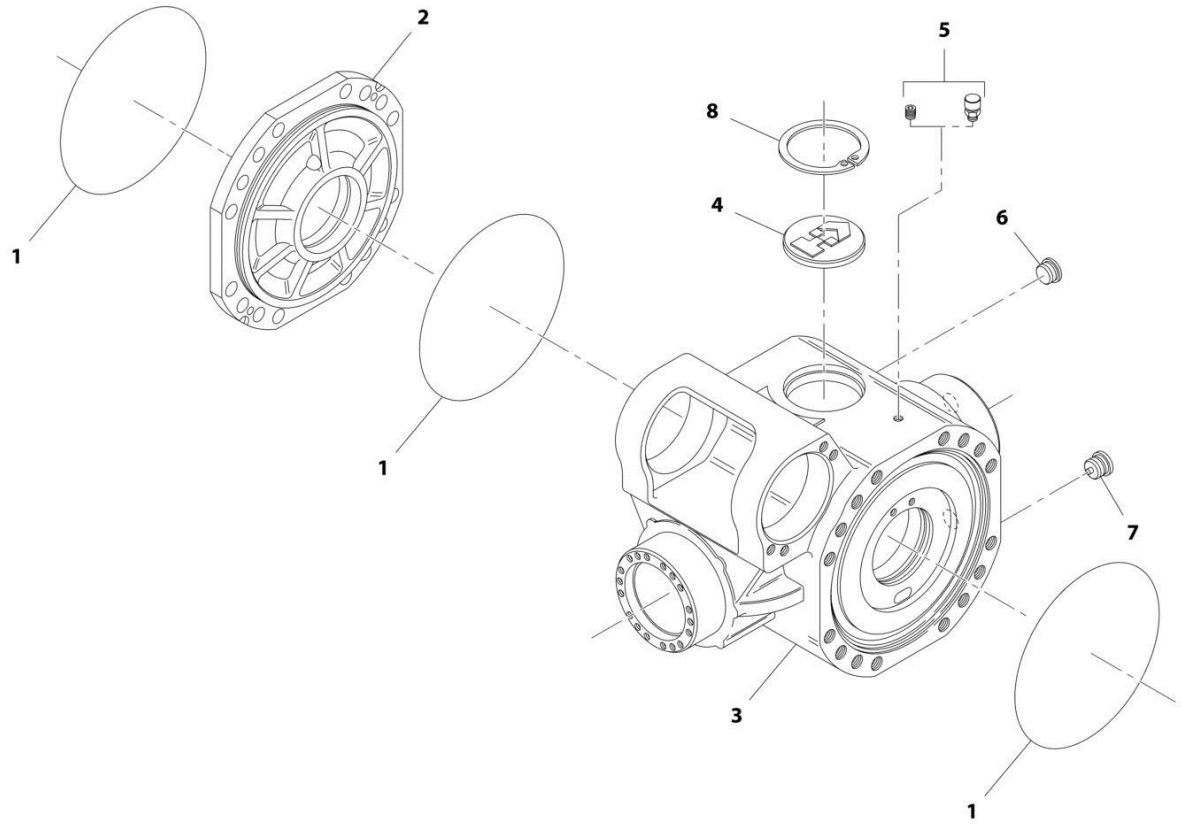


FIGURE 5-10. FRONT AXLE, CENTRAL HOUSING (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
6	91514188	1	Plug	
7	91474513	1	Plug, Magnet	
8	80204005	1	Circlip	

FIGURE 5-11. FRONT AXLE, DIFFERENTIAL (HYDRAULIC PARK BRAKE)

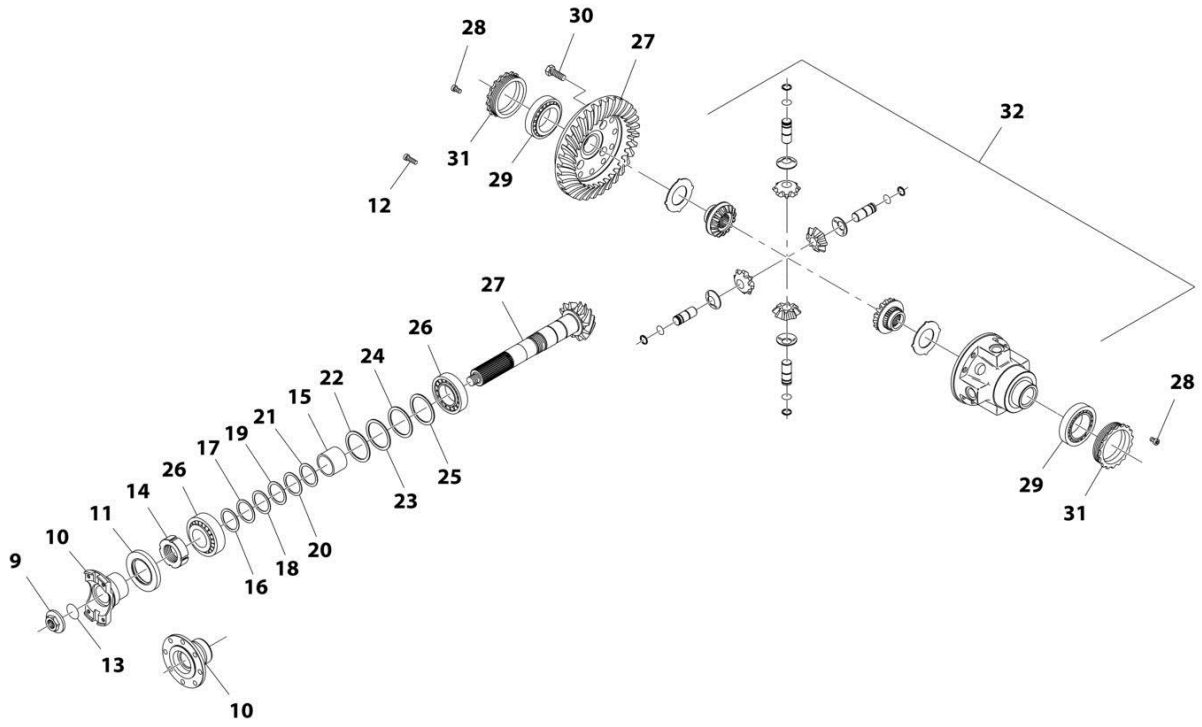


FIGURE 5-11. FRONT AXLE, DIFFERENTIAL (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
9	70026631	1	Nut	
10	7029427	1	Flange	
11	70024522	1	Seal	
12	91474591	4	Bolt	
13	91474529	1	O-Ring	
14	91474533	1	Nut, Ring	
15	91474539	1	Spacer	
16	91474535	1	Shim	
17	91474536	1	Shim	
18	91474537	1	Shim	
19	91474538	1	Shim	
20	70024520	1	Shim	
21	70024521	1	Shim	
22	91474540	1	Shim	
23	91474541	1	Shim	
24	91474542	1	Shim	
25	91474543	1	Shim	
26	3968141	2	Bearing, Taper Roller	
27	8007749	1	Bevel Gear Set	
28	91514134	2	Bolt	
29	70026031	2	Bearing, Taper Roller	
30	91514123	12	Bolt	
31	91474547	2	Nut, Ring	
32	7028710	1	Front Axle, Differential Kit (Hydraulic Park Brake) (See Separate Breakdown in this Section)	

FIGURE 5-12. FRONT AXLE, HUB REDUCTION (HYDRAULIC PARK BRAKE)

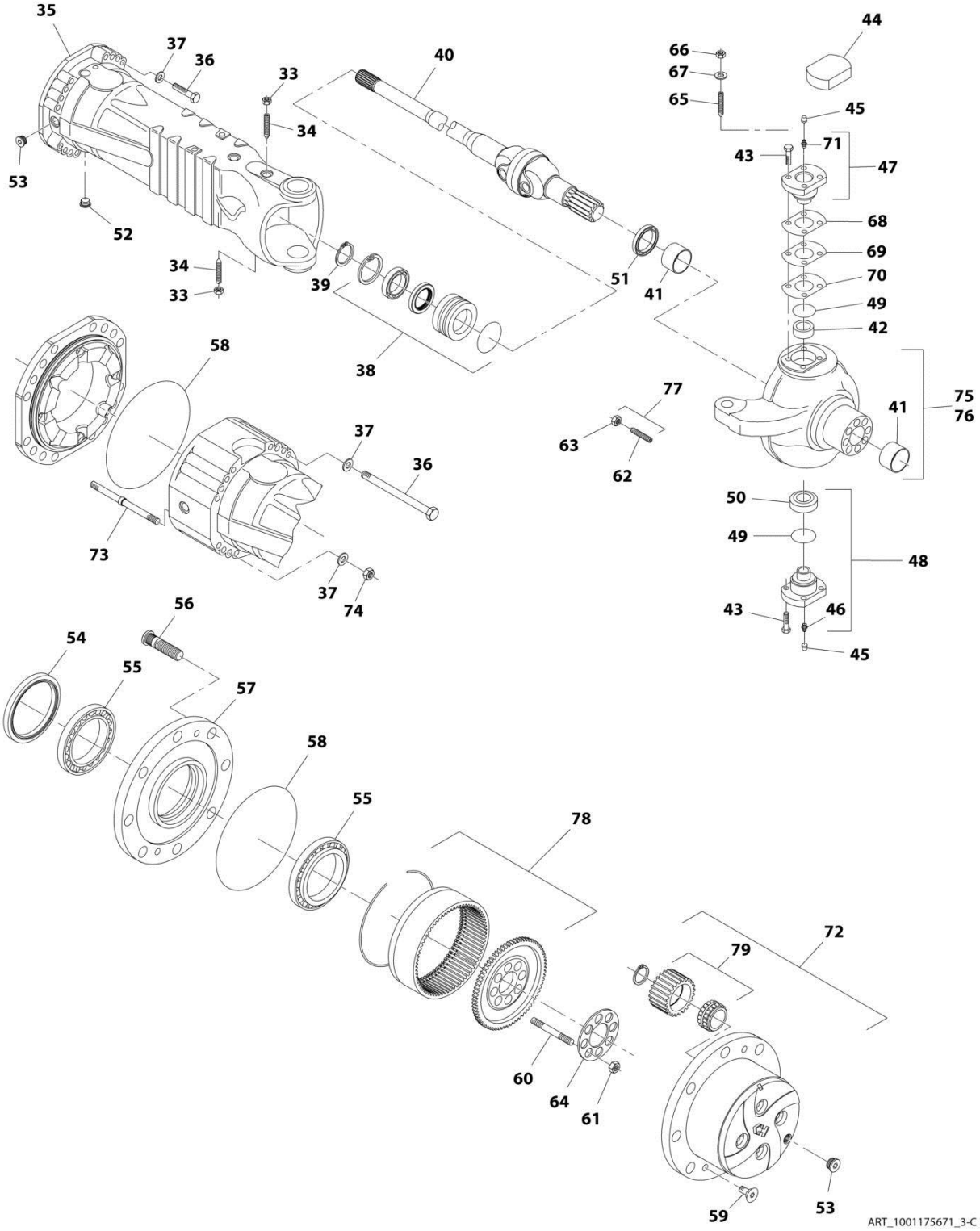


FIGURE 5-12. FRONT AXLE, HUB REDUCTION (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	91514082	2	Nut	
34	2400600	2	Bolt	
35	70026817	2	Case, Axle	
36	70025012	24	Bolt	
37	91514084	8	Washer	
38	91514149	2	Kit, Reduction Bushing (See Separate Breakdown in this Section)	
39	80204071	2	Circlip	
40	70026824	2	Joint, Double Universal	
41	8004468	2	Bushing, Thrust	
42	70020173	2	Bushing	
43	70025562	24	Bolt	
44	70025549	2	Cover	
45	80204117	2	Plug	
46	91514099	4	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	2	O-Ring	
59	91514189	4	Bolt	
60	91474583	16	Stud	
61	91474584	16	Nut	
62	91514117	4	Bolt	
63	80204065	4	Nut	
64	3983731	2	Plate	
65	70025819	8	Stud	
66	91514120	8	Nut	
67	91514119	8	Washer	
68	8007779	2	Shim	
69	8007780	2	Shim	
70	8007782	2	Shim	
71	7028115	2	Fitting, Grease	
72	70026827	2	Kit, Planet Gear Carrier (See Separate Breakdown in this Section)	
73	70025014	8	Stud	
74	91514083	8	Nut	
75	8007774	1	Kit, Steering Case (LF, RR) (See Separate Breakdown in this Section)	
76	8007777	1	Kit, Steering Case (RF, LR) (See Separate Breakdown in this Section)	
77	7028733	4	Kit, Steering Adjust Bolt (See Separate Breakdown in this Section)	
78	7029432	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
79	70023900	8	Kit, Planet Gear (includes Planet Gear and Bearing)	

FIGURE 5-13. FRONT AXLE, BRAKES (HYDRAULIC PARK BRAKE)

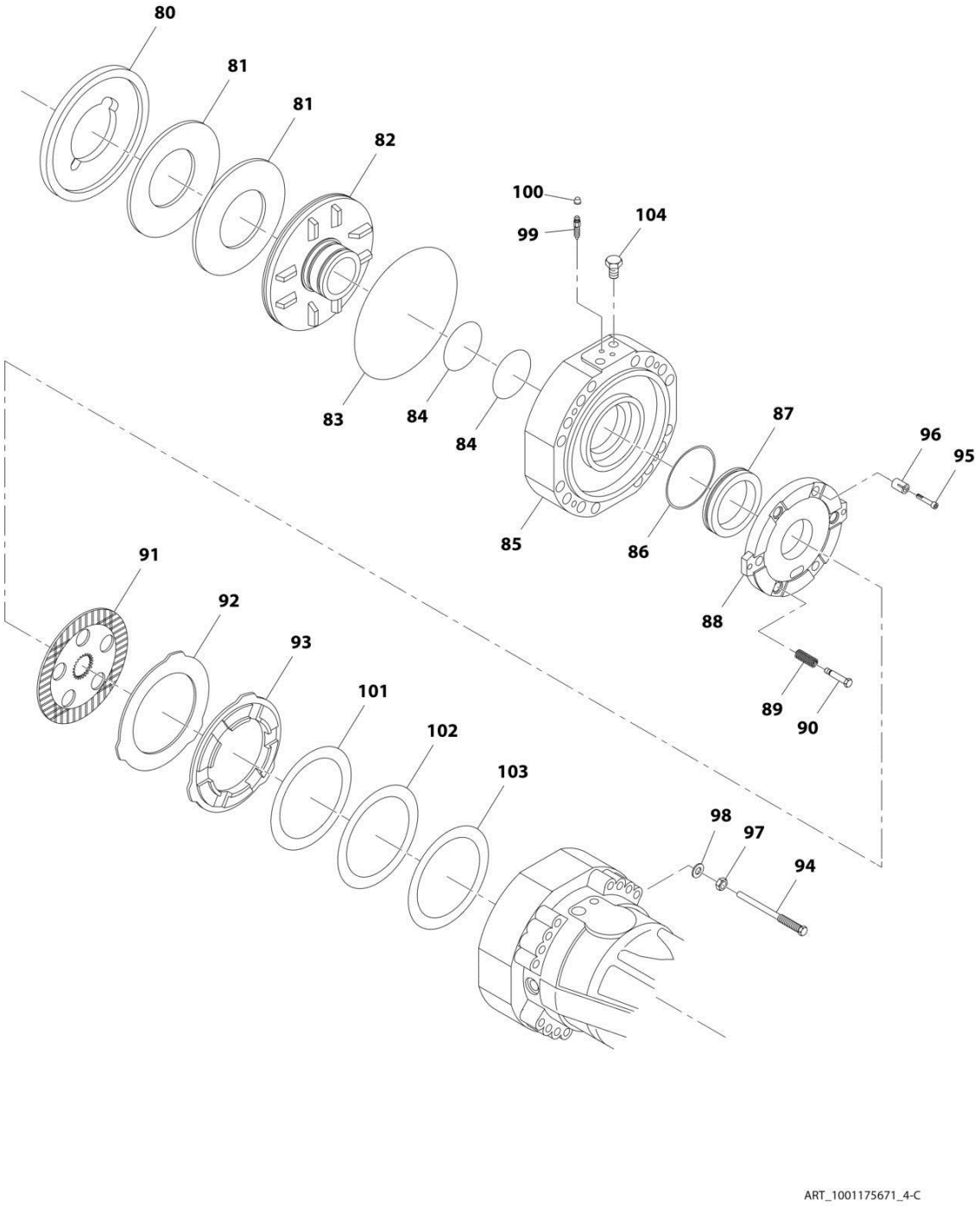


FIGURE 5-13. FRONT AXLE, BRAKES (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
80	7028734	1	Spacer	
81	91474559	4	Spring	
82	91474560	2	Piston	
83	91474561	2	O-Ring	
84	70026262	4	Seal	
85	7028735	2	Cover	
86	70026623	2	Seal	
87	91474564	2	Piston	
88	91474565	2	Disc, Intermediate Brake	
89	91514159	6	Spring	
90	70024210	6	Bolt	
91	91474568	8	Disc	
92	70025823	8	Disc, Intermediate Brake	
93	91474570	2	Spacer	
94	70024213	4	Bolt, M12X122.5	
95	7029788	6	Bolt	
96	91514165	6	Spring	
97	80204060	4	Nut	
98	80204108	4	Washer, Lock	
99	80204281	4	Bolt	
100	80204117	4	Plug	
101	91474571	2	Shim	
102	91474572	2	Shim	
103	91474573	2	Shim	
104	91514154	4	Bolt	

FIGURE 5-14. FRONT AXLE, STEERING (HYDRAULIC PARK BRAKE)

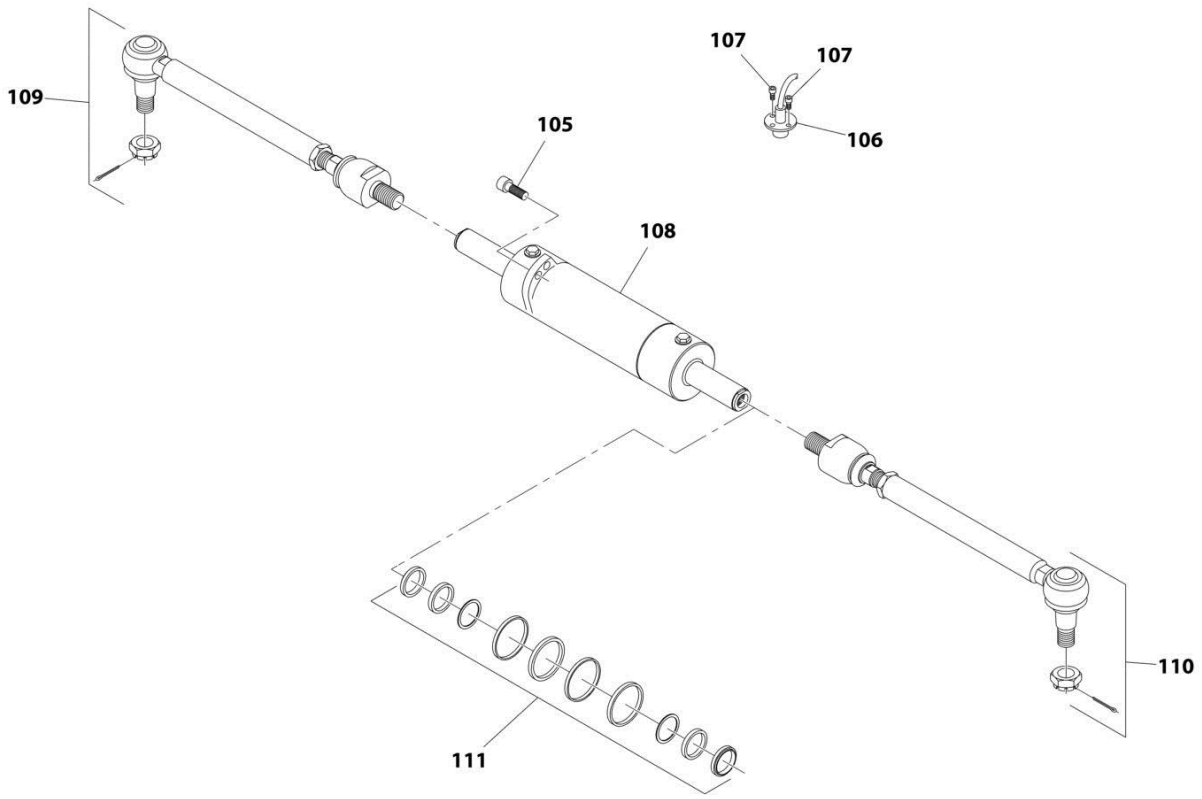
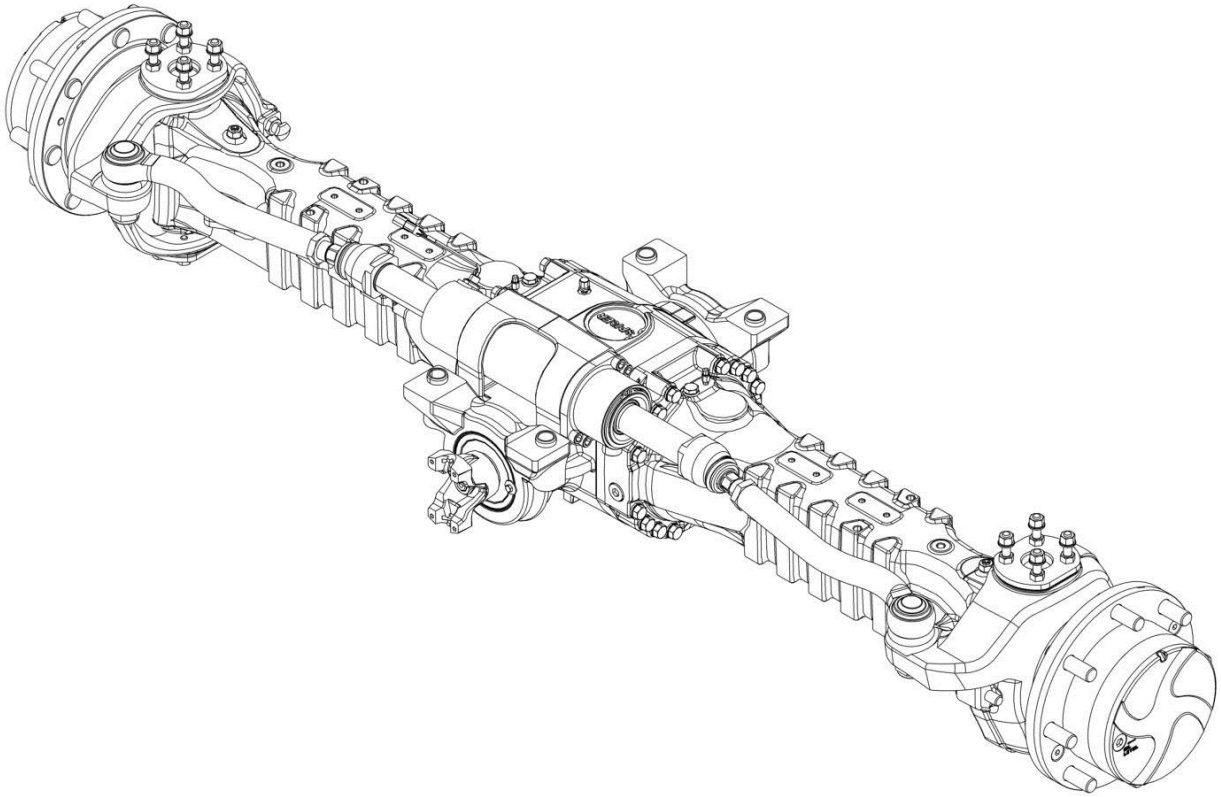


FIGURE 5-14. FRONT AXLE, STEERING (HYDRAULIC PARK BRAKE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
105	91474522	4	Bolt	
106	70026808	1	Sensor	
107	8008175	2	Bolt	
108	70026826	1	Cylinder	
109	70026819	1	Rod, Tie	
110	70026820	1	Rod, Tie	
111	70025842	1	Kit, Seal	

FIGURE 5-15. REAR AXLE INSTALLATION



ART_1001165857-H

FIGURE 5-15. REAR AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165857	Ref	Rear Axle Installation	H
		Ref	Rear Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Differential (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Brakes (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Steering (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Trunion (See Separate Breakdown in this Section)	

FIGURE 5-16. REAR AXLE, CENTRAL HOUSING

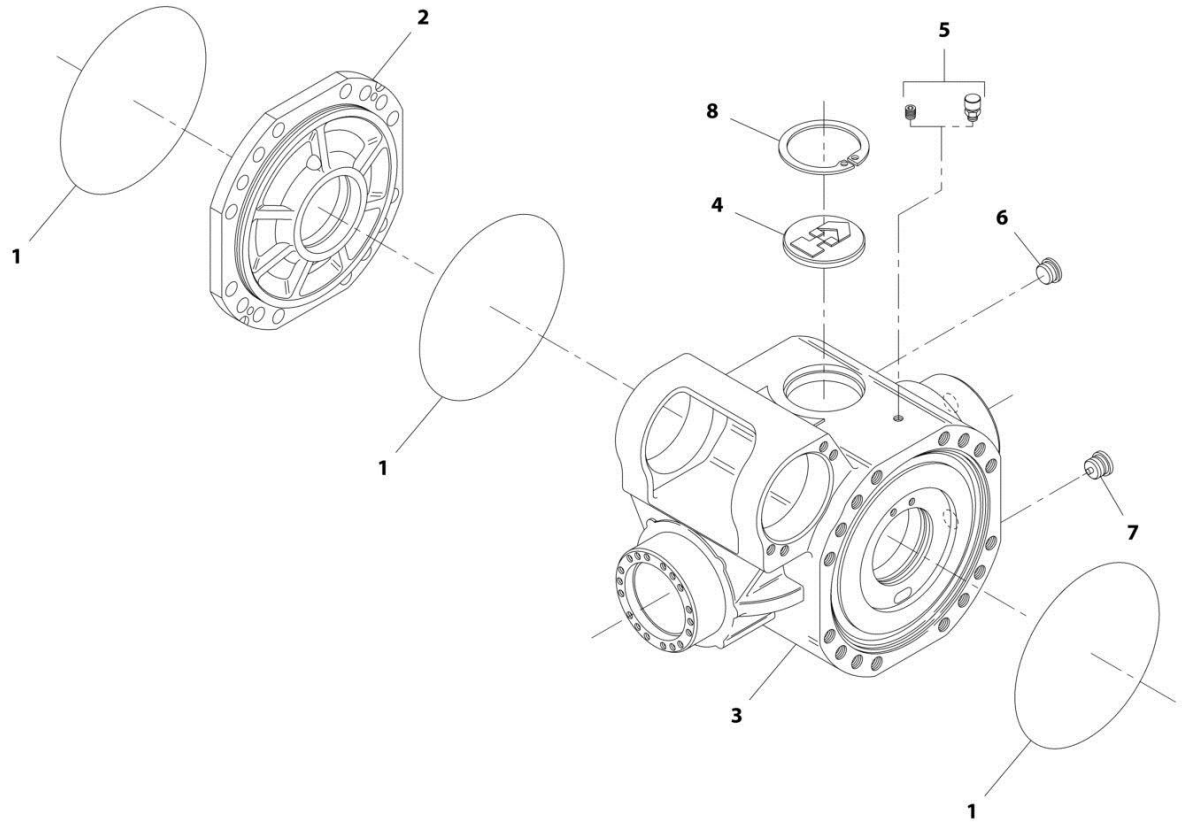


FIGURE 5-16. REAR AXLE, CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	91474507	3	O-Ring	
2	70024519	1	Cover	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
6	91514188	1	Plug	
7	91474513	1	Plug, Magnet	
8	80204005	1	Circlip	

FIGURE 5-17. REAR AXLE, DIFFERENTIAL

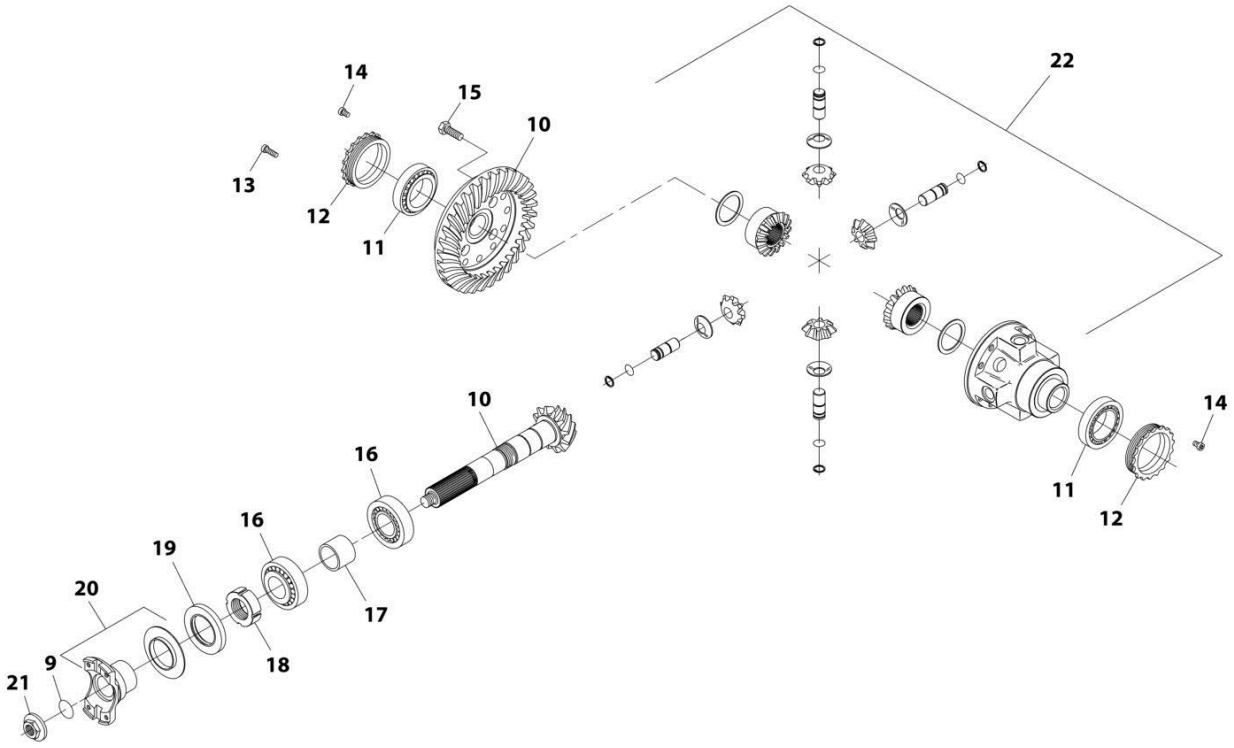


FIGURE 5-17. REAR AXLE, DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
9	91474529	1	O-Ring	
10	7028043	1	Bevel Gear Set	
11	70026031	2	Bearing, Taper Roller	
12	91474547	2	Nut, Ring	
13	3043222	4	Bolt	
14	91514134	2	Bolt	
15	91514123	12	Bolt	
16	3968141	2	Bearing, Taper Roller	
17	91474539	1	Spacer	
18	91474533	1	Nut, Ring	
19	70024522	1	Seal	
20	7029427	1	Flange	
21	70026631	1	Nut	
22	70021140	1	Kit, Differential (See Separate Breakdown in this Section)	

FIGURE 5-18. REAR AXLE, HUB REDUCTION

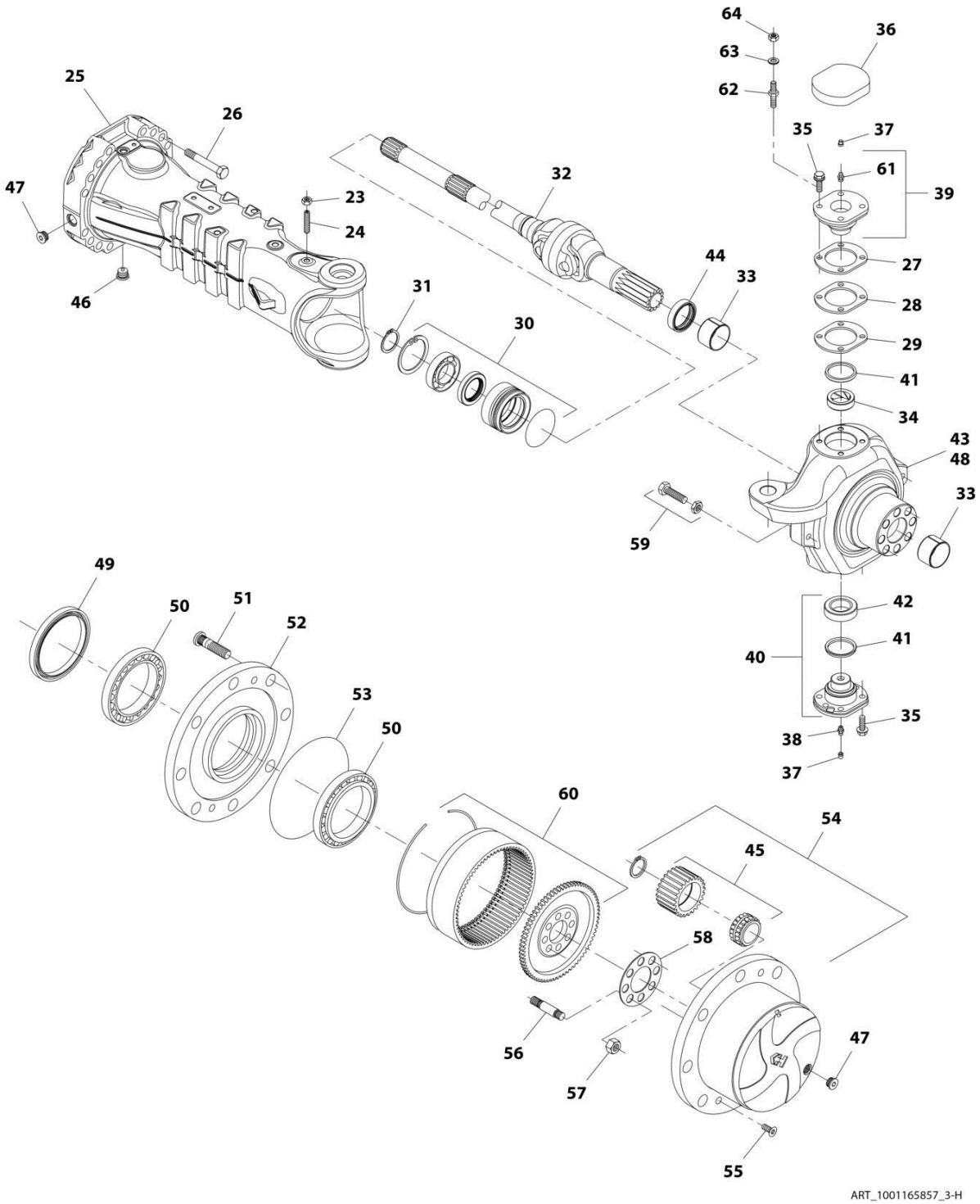


FIGURE 5-18. REAR AXLE, HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
23	91514082	2	Nut	
24	2400600	2	Bolt	
25	70026822	2	Case, Axle	
26	7029428	24	Bolt	
27	8007779	2	Shim	
28	8007780	2	Shim	
29	8007782	2	Shim	
30	91514149	2	Kit, Bushing Reduction (See Separate Breakdown in this Section)	
31	80204071	2	Circlip	
32	70025810	2	Joint, Double Universal	
33	8004468	2	Bushing, Thrust	
34	70020173	2	Bushing	
35	70025562	24	Bolt	
36	70025549	2	Cover	
37	80204117	2	Plug	
38	91514099	4	Grease Fitting	
39	70025567	2	Pin, Pivot	
40	8006605	2	Pin, Pivot	
41	2401043	4	Seal	
42	2401258	2	Bearing	
43	8007775	1	Case, Steering	
44	8007771	2	Seal	
45	70023900	8	Kit, Planet Gear (includes Planet Gear and Bearing)	
46	91474513	2	Plug, Magnet	
47	91514188	4	Plug	
48	7029429	1	Case, Steering	
49	7029430	2	Seal	
50	3984301	4	Bearing	
51	8000877	16	Wheel Stud	
52	70026818	2	Hub, Wheel	
53	91474507	2	O-Ring	
54	70026827	2	Kit, Planet Gear Carrier (See Separate Breakdown in this Section)	
55	91514189	4	Bolt	
56	91474583	16	Stud	
57	91474584	16	Nut	
58	3983731	2	Plate	
59	7028733	4	Kit, Steering Adjust Bolt (includes nut and bolt)	
60	7029432	2	Kit, Ring Gear Support (See Separate Breakdown in this Section)	
61	7028115	2	Fitting, Grease	
62	70025819	8	Stud	
63	91514119	8	Washer	
64	91514120	8	Nut	

FIGURE 5-19. REAR AXLE, BRAKES

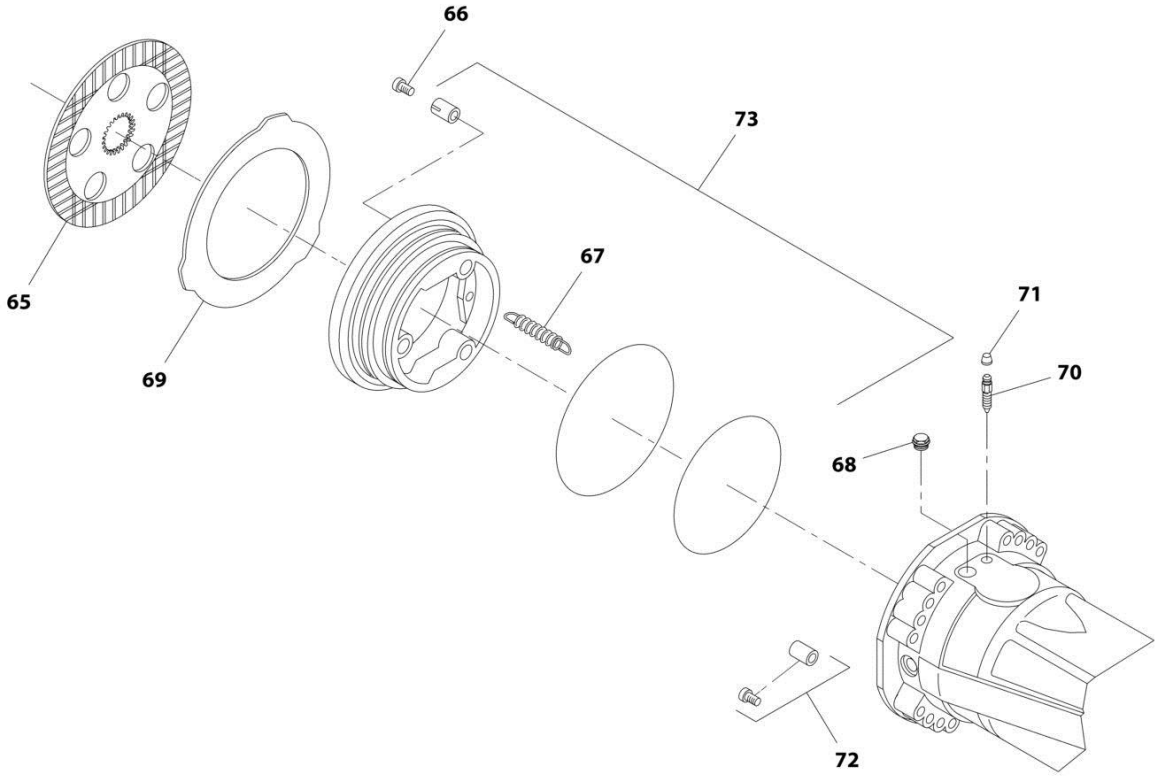


FIGURE 5-19. REAR AXLE, BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
65	91474568	6	Disc	
66	7029786	6	Bolt	
67	3984425	6	Spring	
68	91514154	2	Bolt	
69	70025823	8	Disc, Intermediate Brake	
70	80204281	2	Bleeding Bolt	
71	80204117	2	Plug	
72	70021613	2	Bolt	
73	70026823	2	Kit, Piston (See Separate Breakdown in this Section)	

FIGURE 5-20. REAR AXLE, STEERING

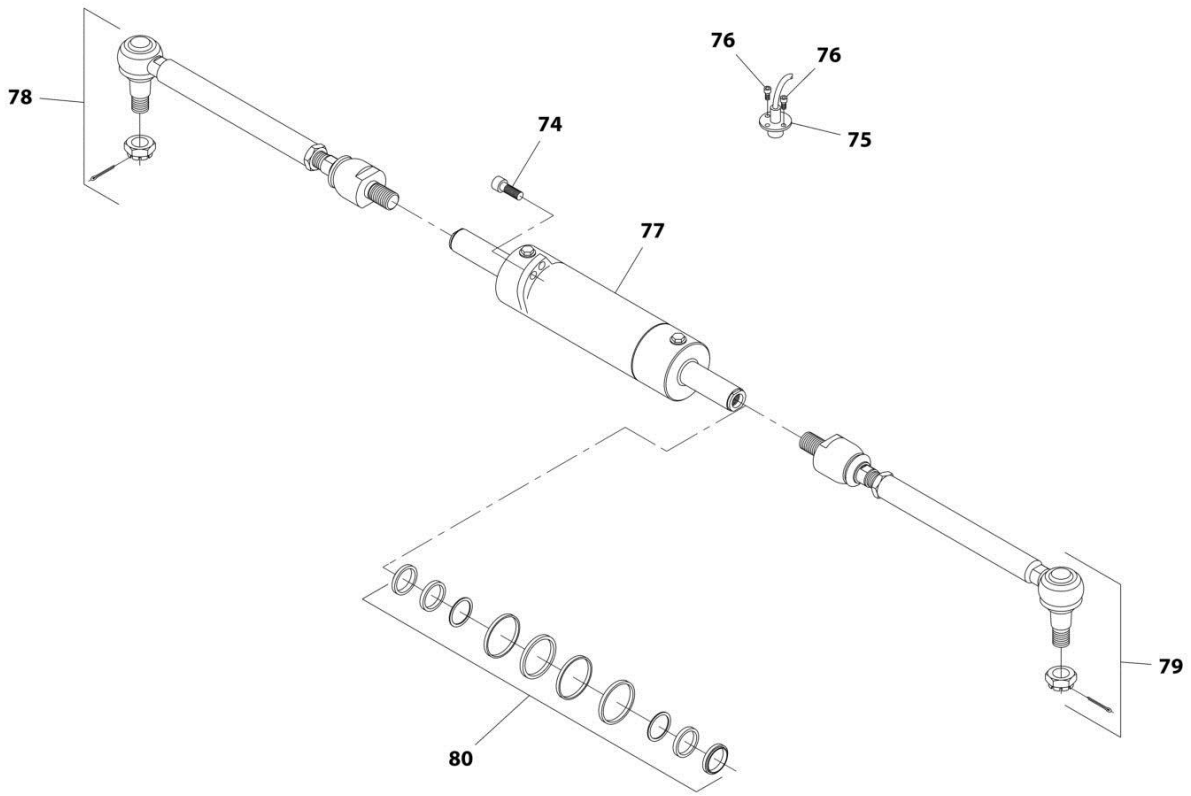


FIGURE 5-20. REAR AXLE, STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
74	91474522	4	Bolt	
75	70026808	1	Sensor	
76	8008175	2	Bolt	
77	70026826	1	Cylinder	
78	70026819	1	Rod, Tie	
79	70026820	1	Rod, Tie	
80	70025842	1	Kit, Seal	

FIGURE 5-21. DIFFERENTIAL KIT

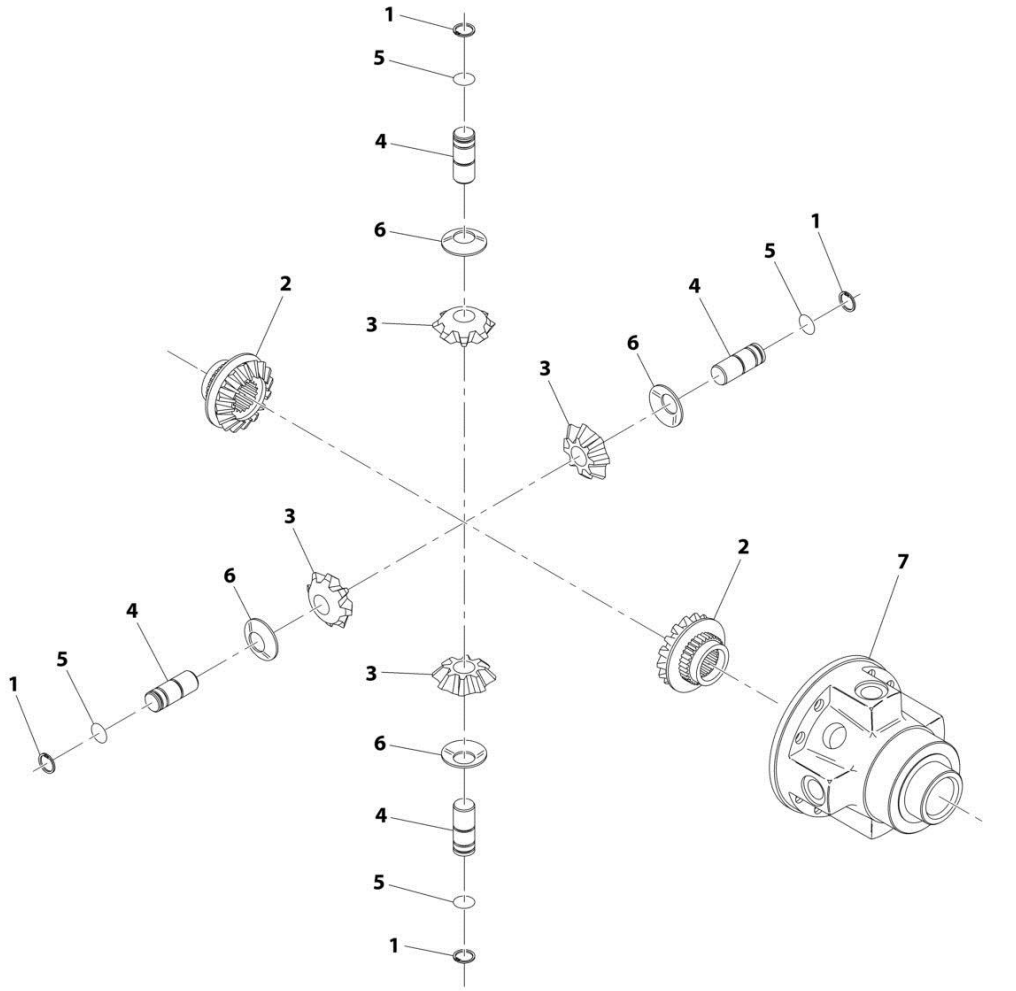
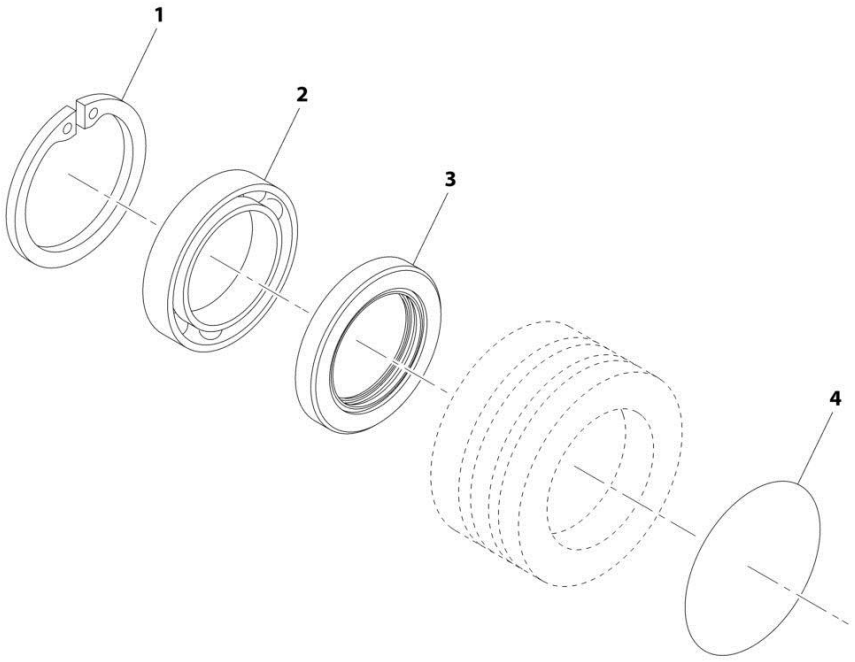


FIGURE 5-21. DIFFERENTIAL KIT

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 5-22. REDUCTION BUSHING KIT

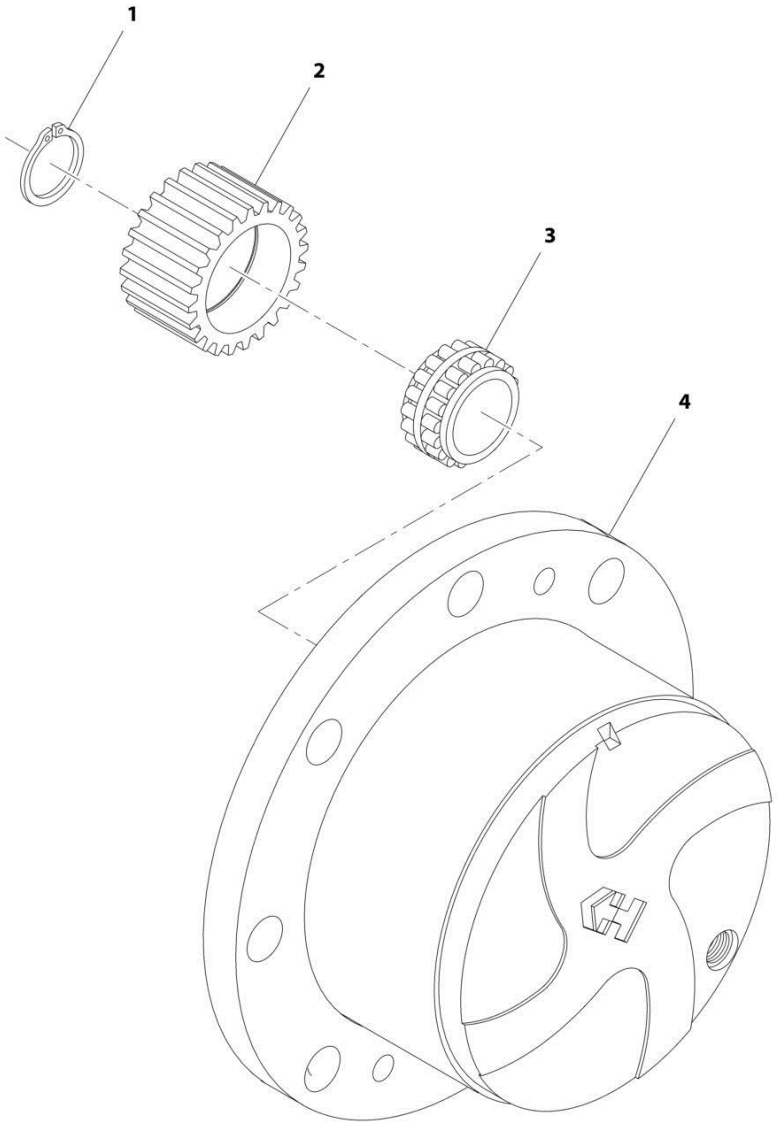


ART_91514149

FIGURE 5-22. 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 5-23. PLANET GEAR CARRIER KIT



ART_70026827-E

FIGURE 5-23. 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 5-24. STEERING CASE KIT, (LF, RR)

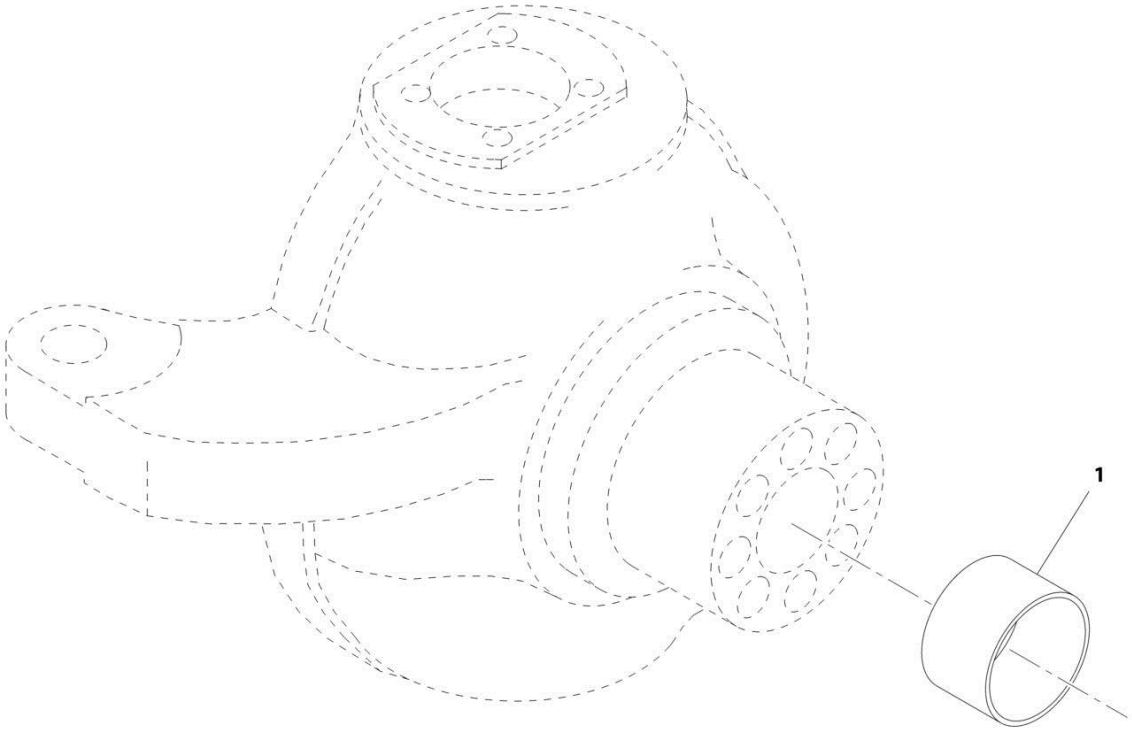


FIGURE 5-24. STEERING CASE KIT, (LF, RR)

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

FIGURE 5-25. STEERING CASE KIT, (RF, LR)

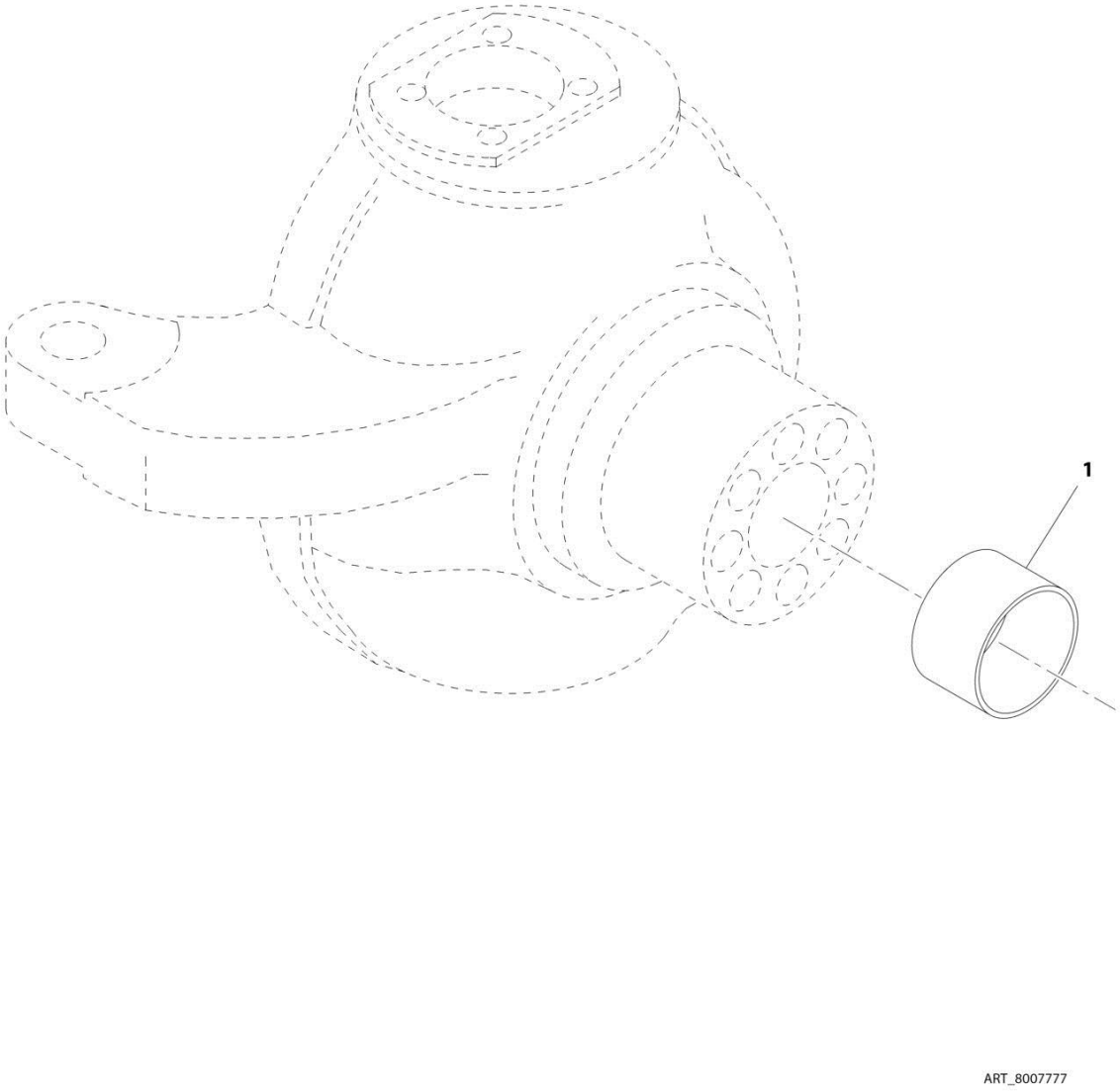


FIGURE 5-25. STEERING CASE KIT, (RF, LR)

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

FIGURE 5-26. STEERING ADJUST BOLT KIT

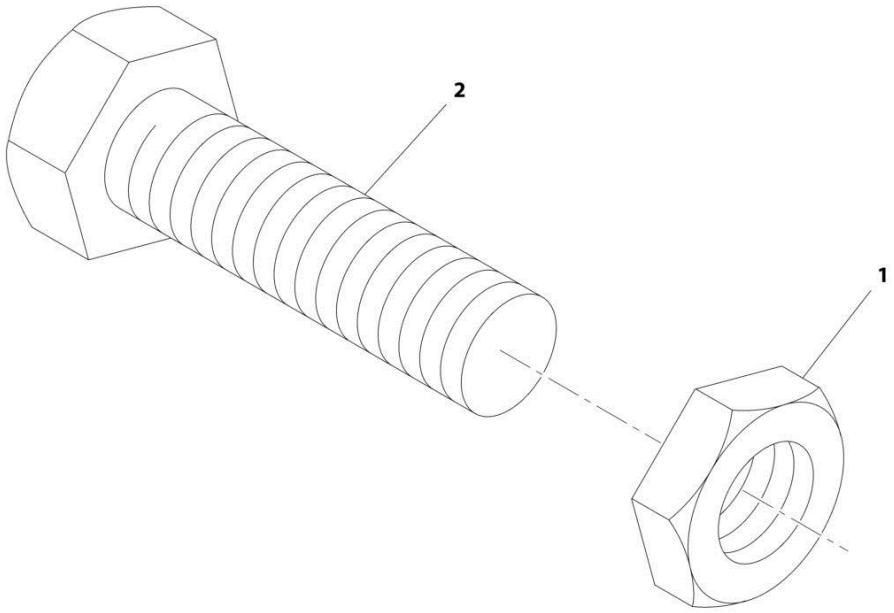


FIGURE 5-26. STEERING ADJUST BOLT KIT

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

FIGURE 5-27. RING GEAR SUPPORT KIT

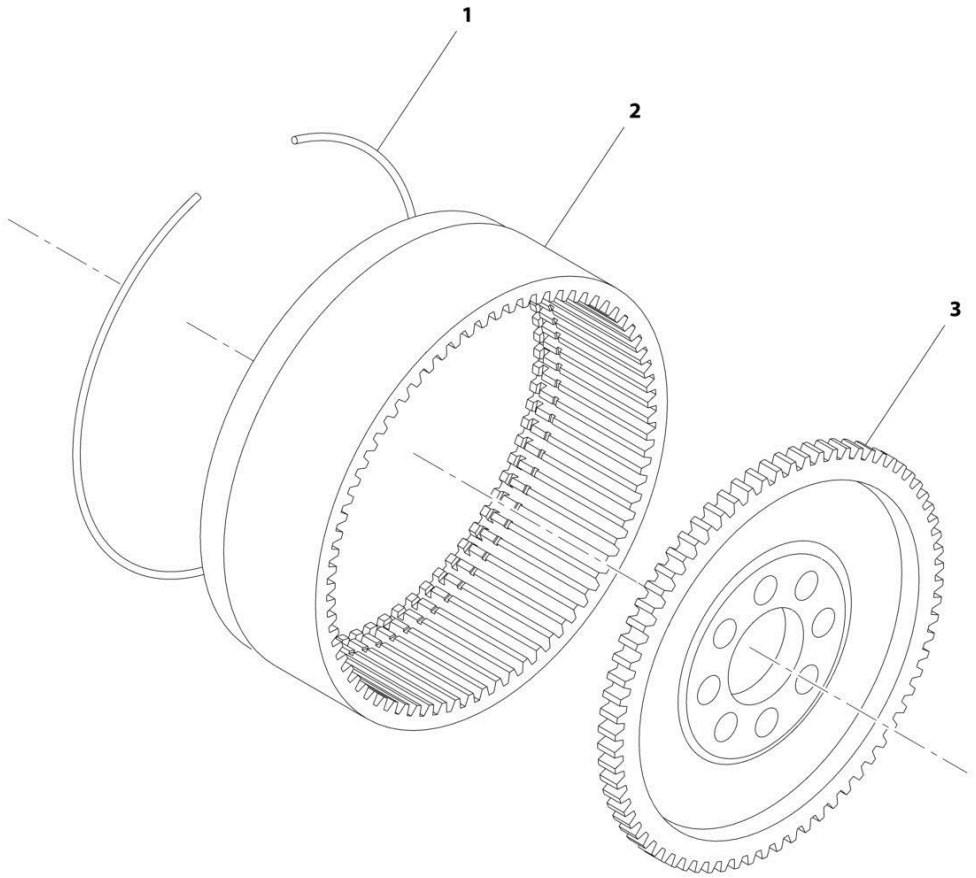


FIGURE 5-27. RING GEAR SUPPORT KIT

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

FIGURE 5-28. PISTON KIT (LH)

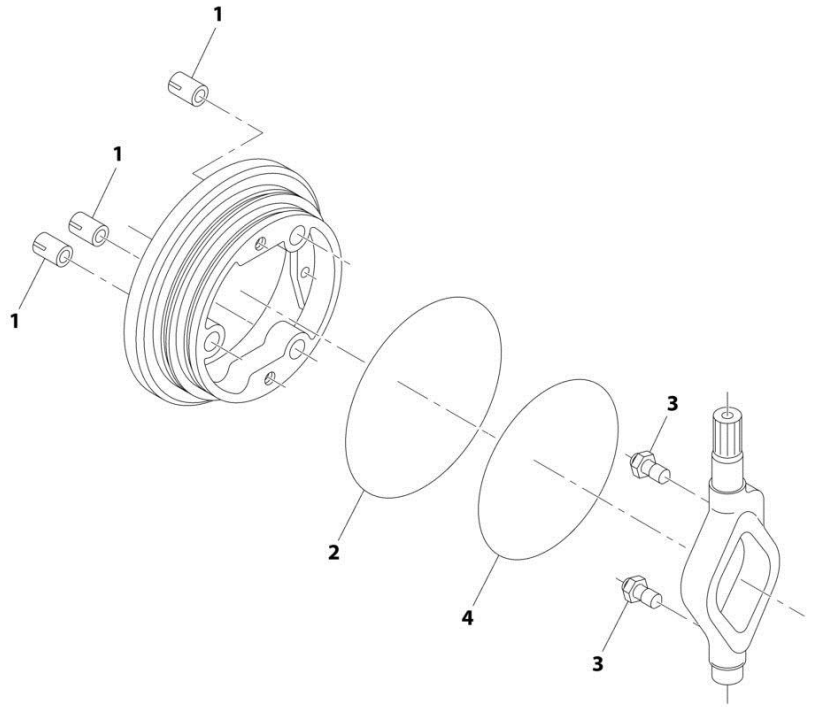
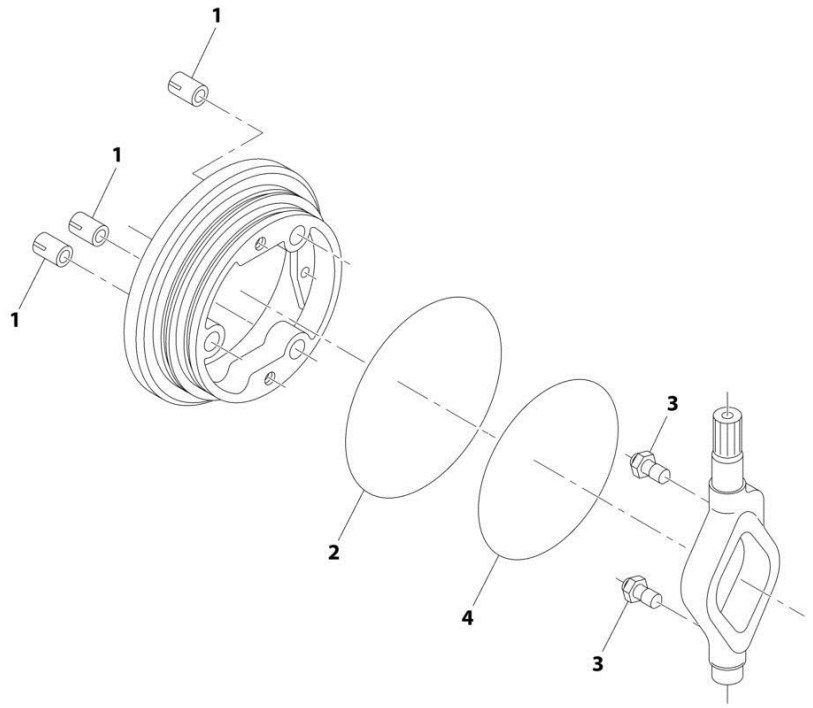


FIGURE 5-28. PISTON KIT (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026069	Ref	Piston Kit (LH)	
98	91514165	6	Spring	
99	70025821	2	O-Ring	
103	2903197	4	Pusher	
104	70025822	2	O-Ring	

FIGURE 5-29. PISTON KIT (RH)



ART_70026068

FIGURE 5-29. PISTON KIT (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026068	Ref	Piston Kit (RH)	
98	91514165	6	Spring	
99	70025821	2	O-Ring	
103	2903197	4	Pusher	
104	70025822	2	O-Ring	

FIGURE 5-30. DIFFERENTIAL KIT

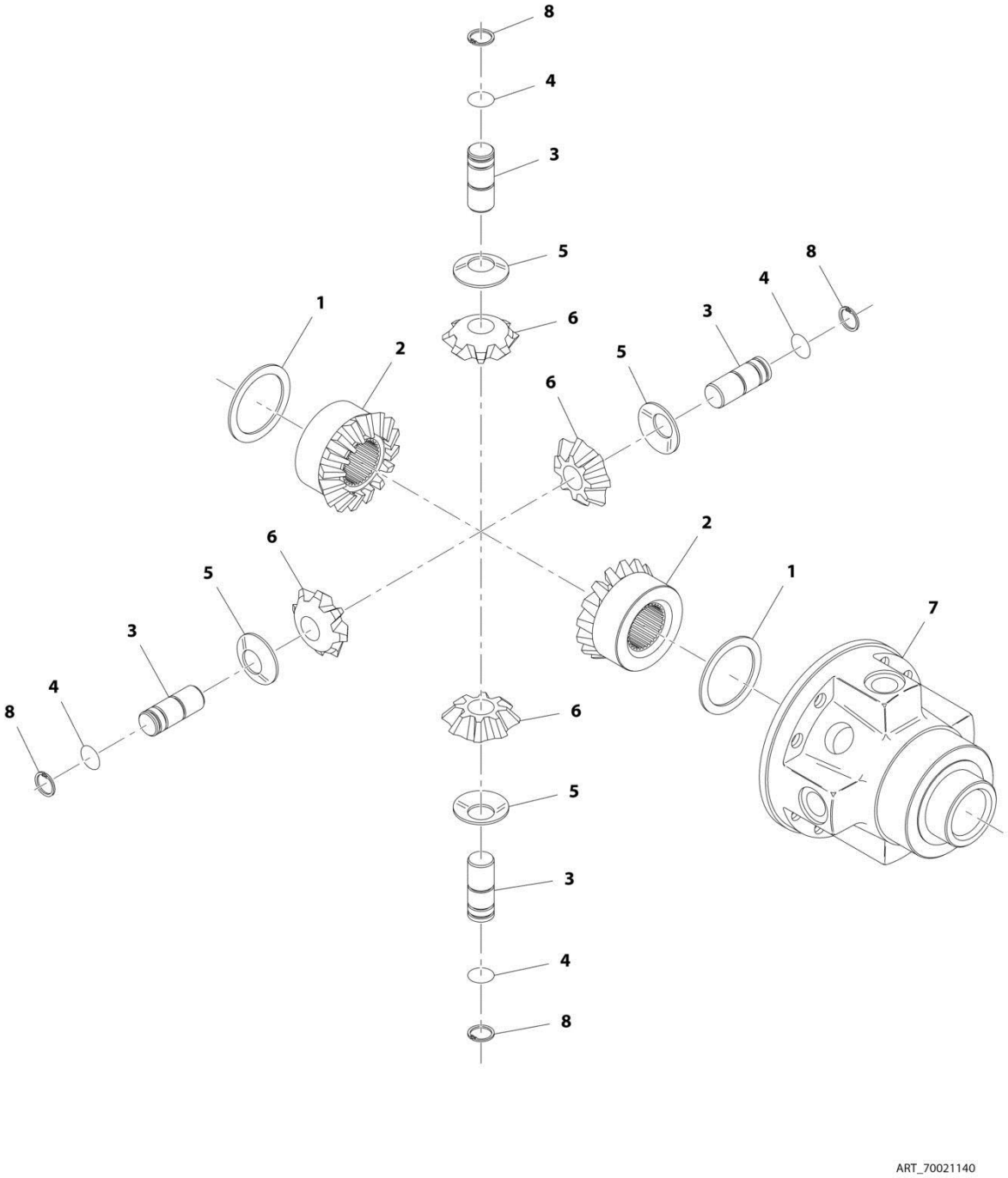


FIGURE 5-30. DIFFERENTIAL KIT

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 5-31. PISTON KIT

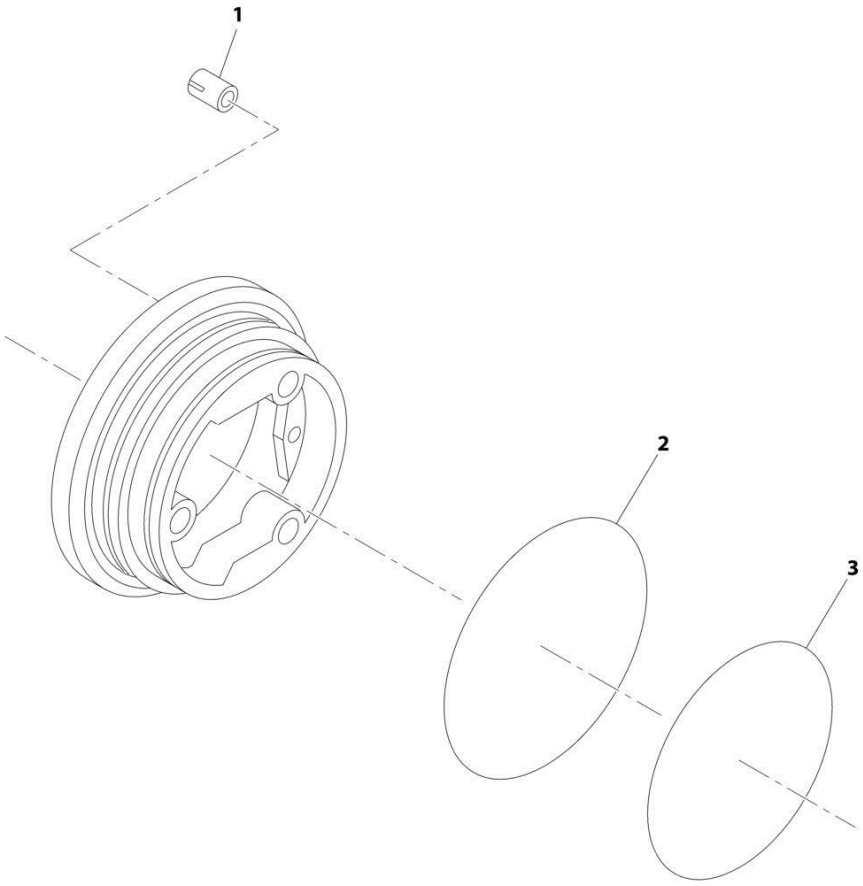


FIGURE 5-31. PISTON KIT

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

FIGURE 5-32. DRIVE SHAFTS INSTALLATION

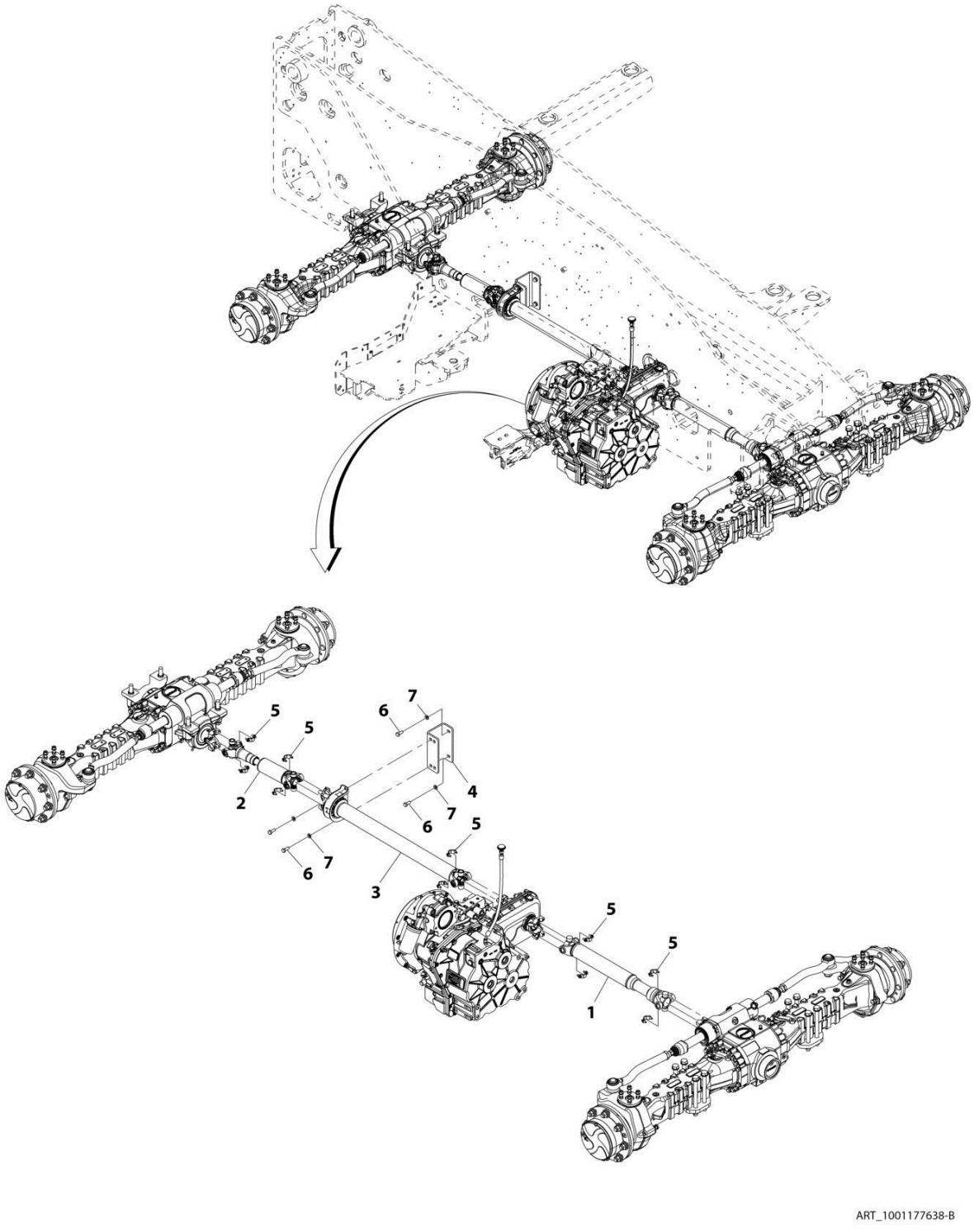


FIGURE 5-32. DRIVE SHAFTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177638	Ref	Drive Shafts Installation	B
1	1001174879	1	Shaft, Drive	
2	1001174880	1	Shaft, Drive	
3	1001174881	1	Shaft, Drive	
4	1001177870	1	Support	
5	8005079	10	Clampset	
6	0761214	4	Bolt, M12X30	
7	4812100	4	Washer, M12	

FIGURE 5-33. REMOTE GREASE SYSTEM INSTALLATION

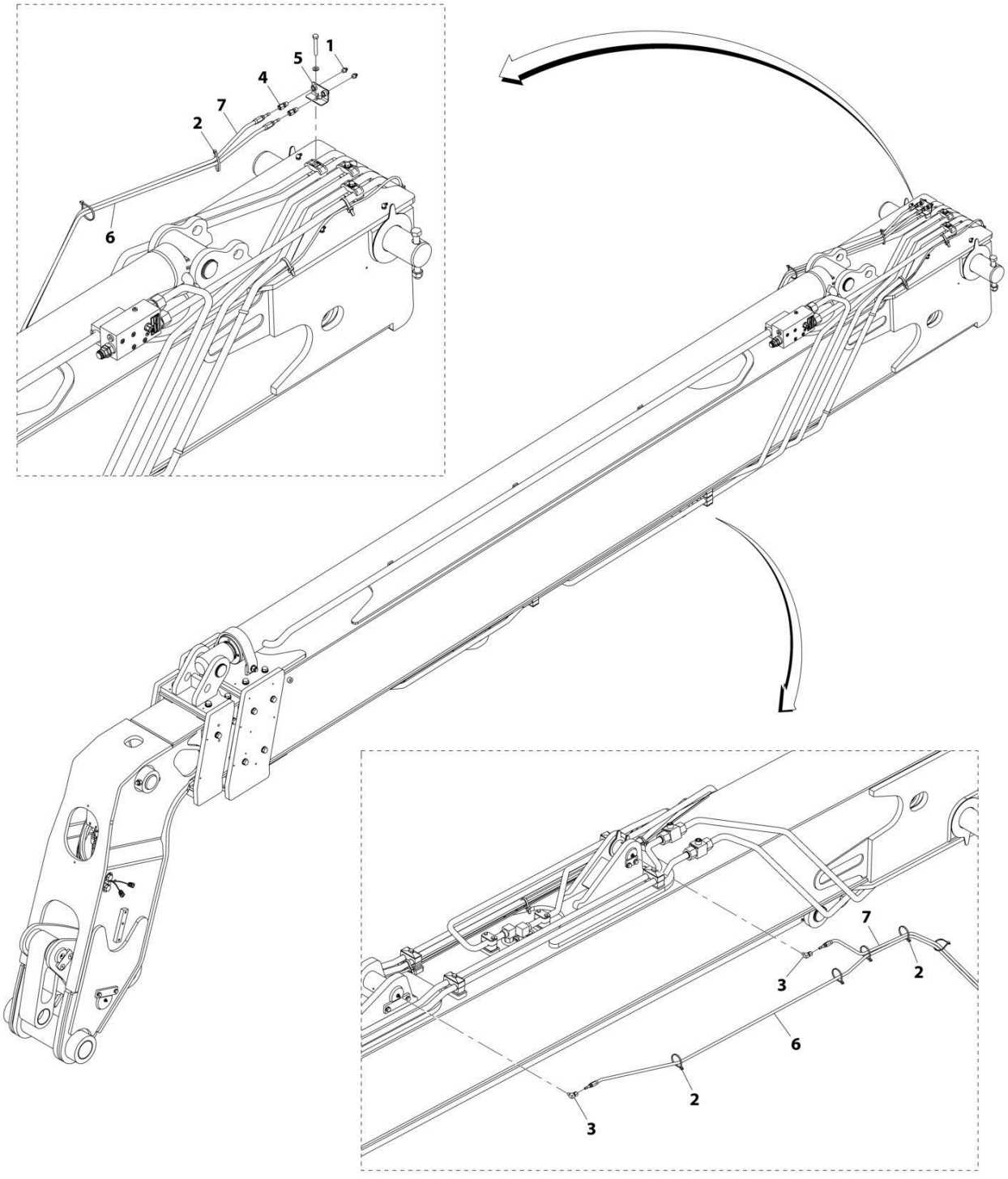


FIGURE 5-33. REMOTE GREASE SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210417	Ref	Remote Grease System Installation	B
1	2160016	1	Fitting, Grease	
2	1001008559	7	Strap, Cable	
3	1001164053	2	Adapter, 90 Grease	
4	1001101563	2	Adapter, Straight Grease	
5	1001227653	1	Bracket	
6	1001210431	1	Hose, Grease	
7	1001210432	1	Hose, Grease	

FIGURE 5-34. AXLE SHIM INSTALLATION

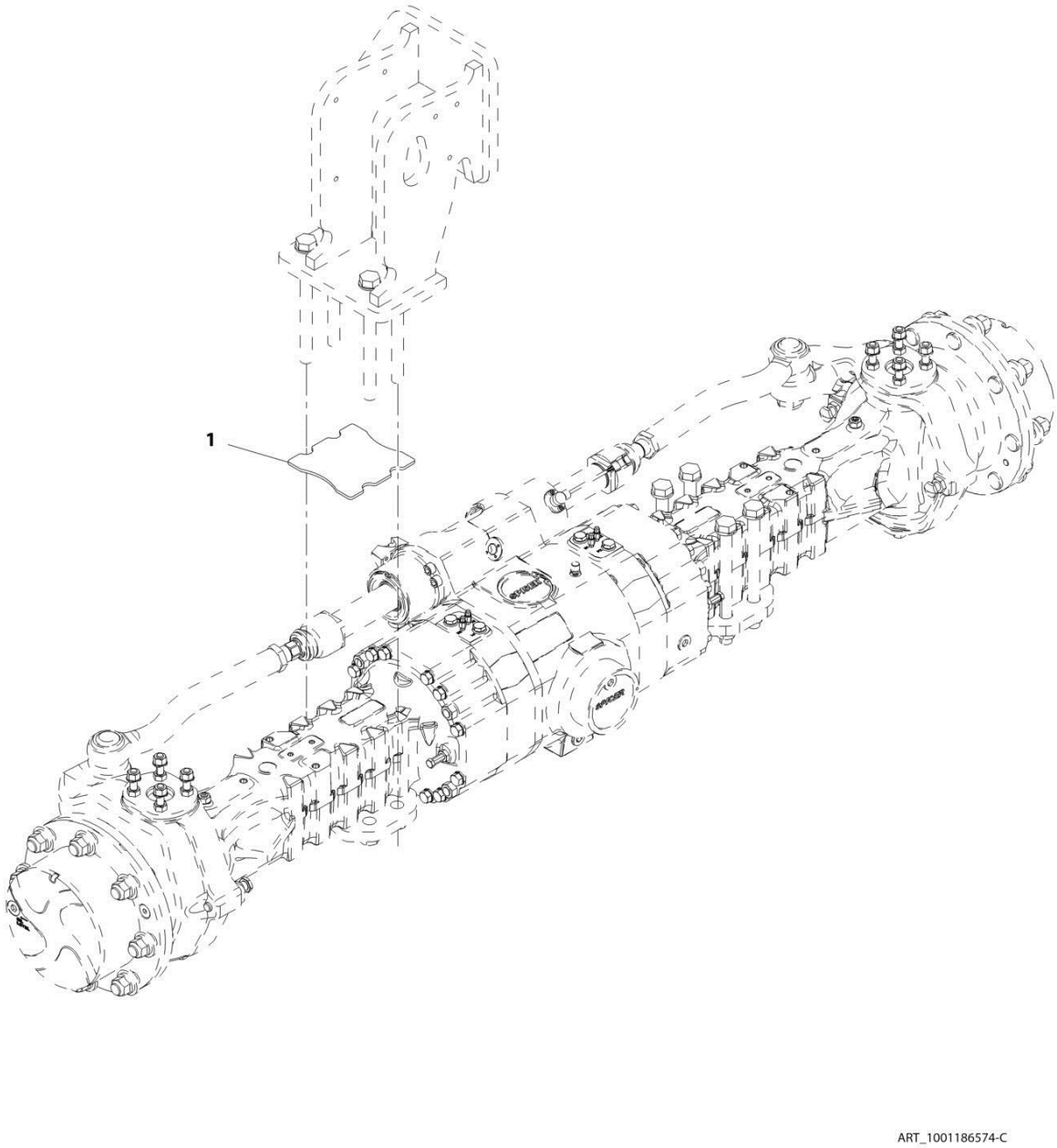


FIGURE 5-34. AXLE SHIM INSTALLATION

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

FIGURE 5-35. TRANSMISSION INSTALLATION (4 SPD)

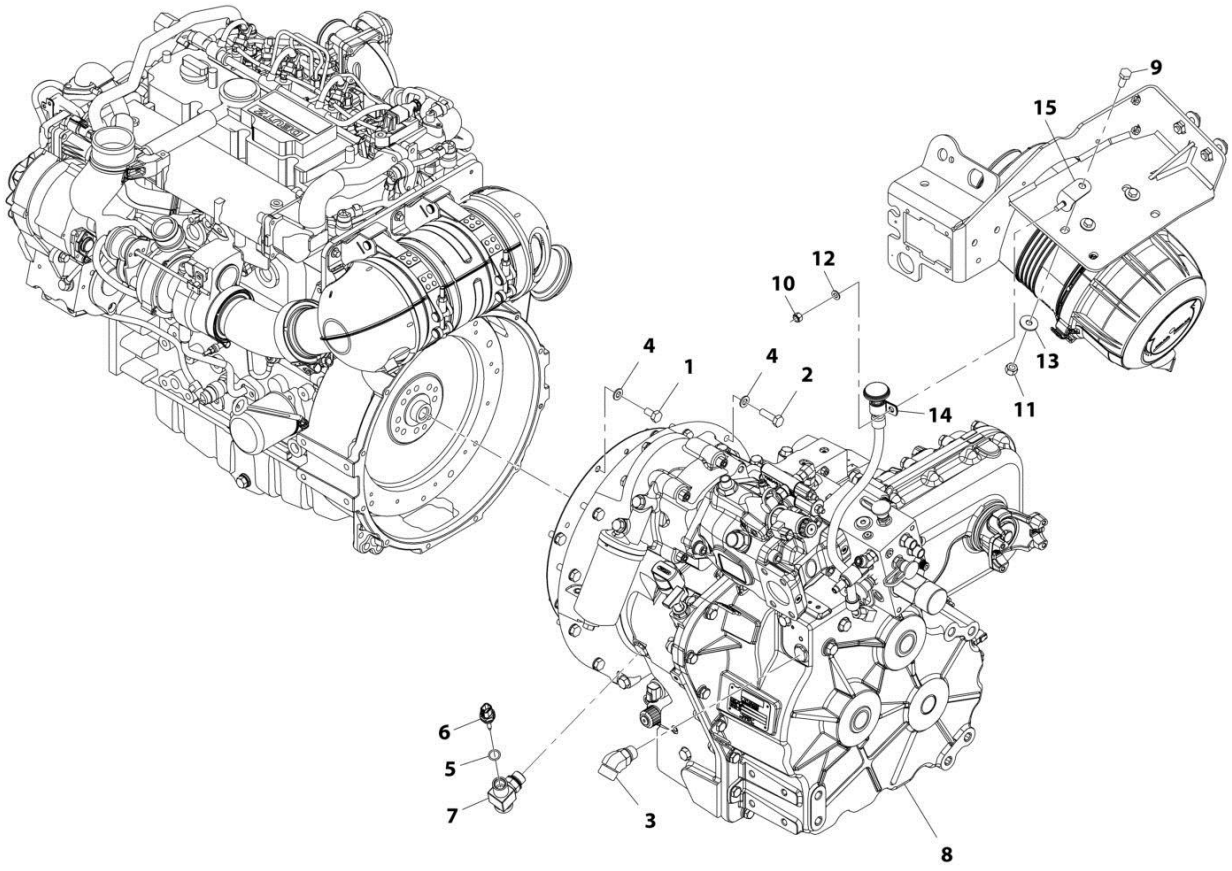


FIGURE 5-35. TRANSMISSION INSTALLATION (4 SPD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200180	Ref	Transmission Installation (4 SPD)	B
1	0761010	8	Bolt, M10X20	
2	0761015	10	Bolt, M10X35	
3	2151210	1	Fitting, 45 ORFS	
4	4812000	18	Washer, M10	
5	1001009163	1	O-Ring	
6	1001128478	1	Sensor	
7	1001219182	1	Adapter, ORFS	
8	1001199948	1	Transmission (4 SPD) (See Separate Breakdown in this Section)	
9	0701012	1	Bolt, M10X25	
10	3290805	1	Nut, Lock M8X1.25 Grade 8	
11	3291005	1	Nut, Lock M10X1.5 Grade 8	
12	4811900	1	Washer, M8	
13	4812002	1	Washer, M10	
14	91043147	1	Clamp	
15	1001218486	1	Bracket	

FIGURE 5-36. TRANSMISSION INSTALLATION (6 SPD - 90KW)

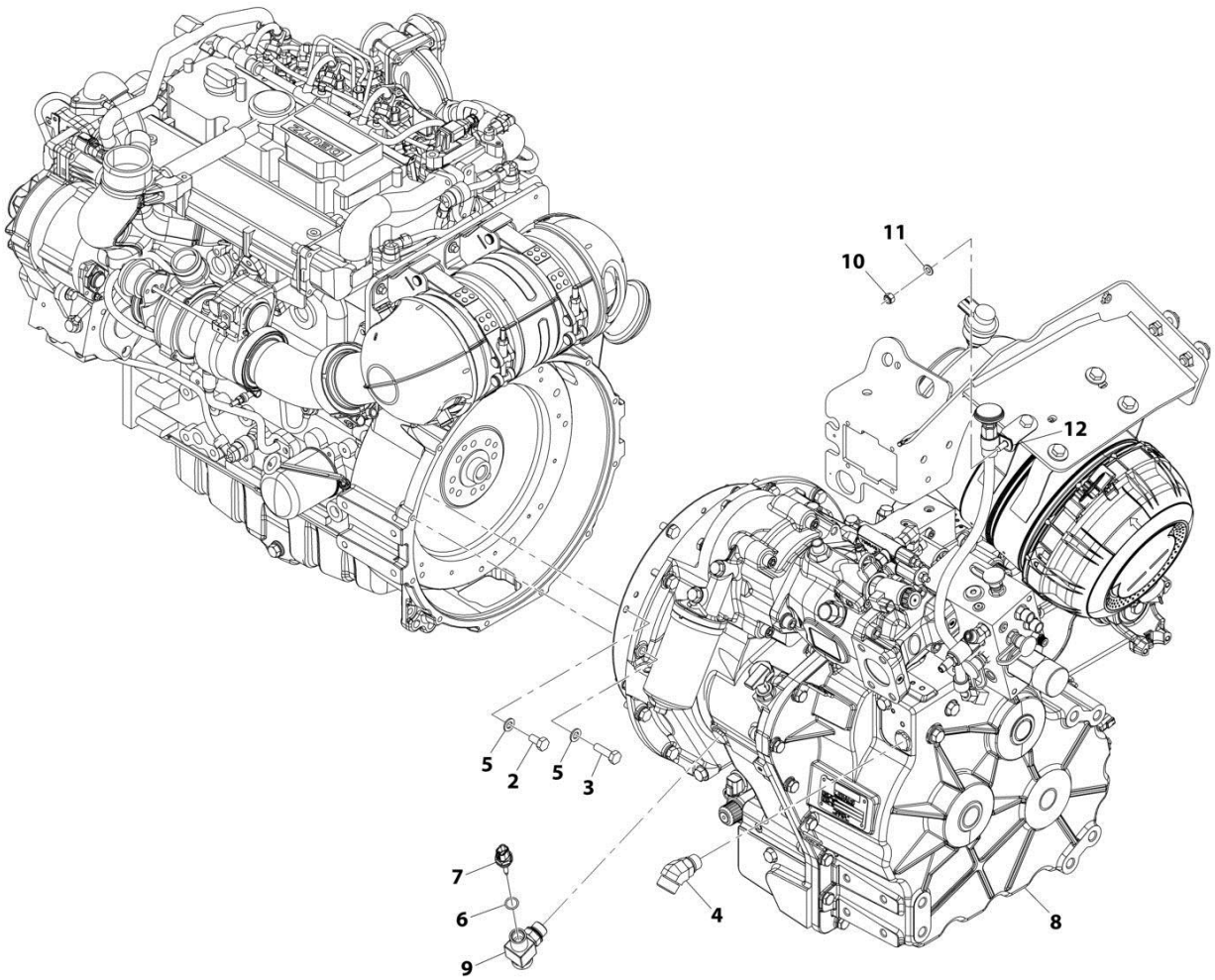
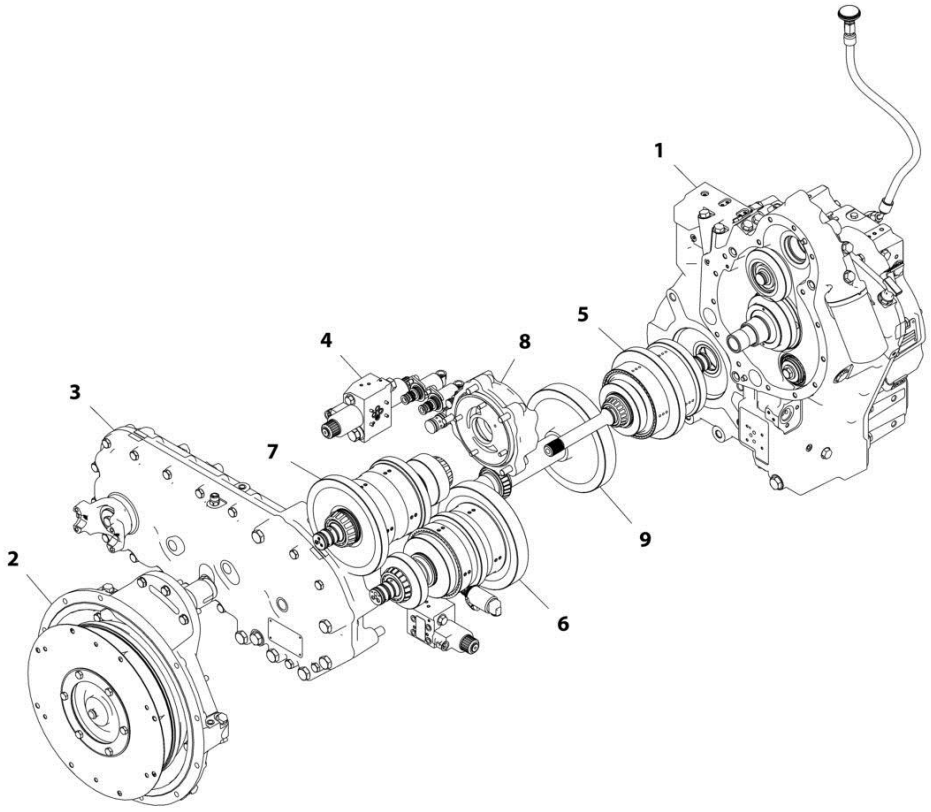


FIGURE 5-36. TRANSMISSION INSTALLATION (6 SPD - 90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178439	Ref	Transmission Installation (6 SPD)	E
2	0761010	8	Bolt, M10X20	
3	0761015	10	Bolt, M10X35	
4	2151210	1	Fitting, 45 ORFS	
5	4812000	18	Washer, M10	
6	1001009163	1	O-Ring	
7	1001128478	1	Sensor	
8	1001177851	1	Transmission (6 SPD - DTZ - 90KW) (See Separate Breakdown in this Section)	
9	1001219182	1	Adapter, ORFS	
10	3290805	1	Nut, Lock M8X1.25 Grade 8	
11	4811900	1	Washer, M8	
12	91043147	1	Clamp	

FIGURE 5-37. TRANSMISSION (4 SPD)



ART_1001199948-C

FIGURE 5-37. TRANSMISSION (4 SPD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199948	Ref	Transmission (4 SPD)	C
1	70027723	Ref	Group, Planetary Case and Parts (See Separate Breakdown in this Section)	
2	70027721	Ref	Group, Torque Converter (See Separate Breakdown in this Section)	
3	70027722	Ref	Group, Transfer Gear and Case (See Separate Breakdown in this Section)	
4	70027720	Ref	Group, Transmission Hydraulic Control (See Separate Breakdown in this Section)	
5	70027717	Ref	Group, Input Shaft (See Separate Breakdown in this Section)	
6	70027718	Ref	Group, Transmission Clutch (See Separate Breakdown in this Section)	
7	70027715	Ref	Group, Clutch and Gear (See Separate Breakdown in this Section)	
8	70027719	Ref	Group, Transmission Pump (See Separate Breakdown in this Section)	
9	70027716	Ref	Group, Output Shaft (See Separate Breakdown in this Section)	

FIGURE 5-38. TRANSMISSION (6 SPD - 90KW)

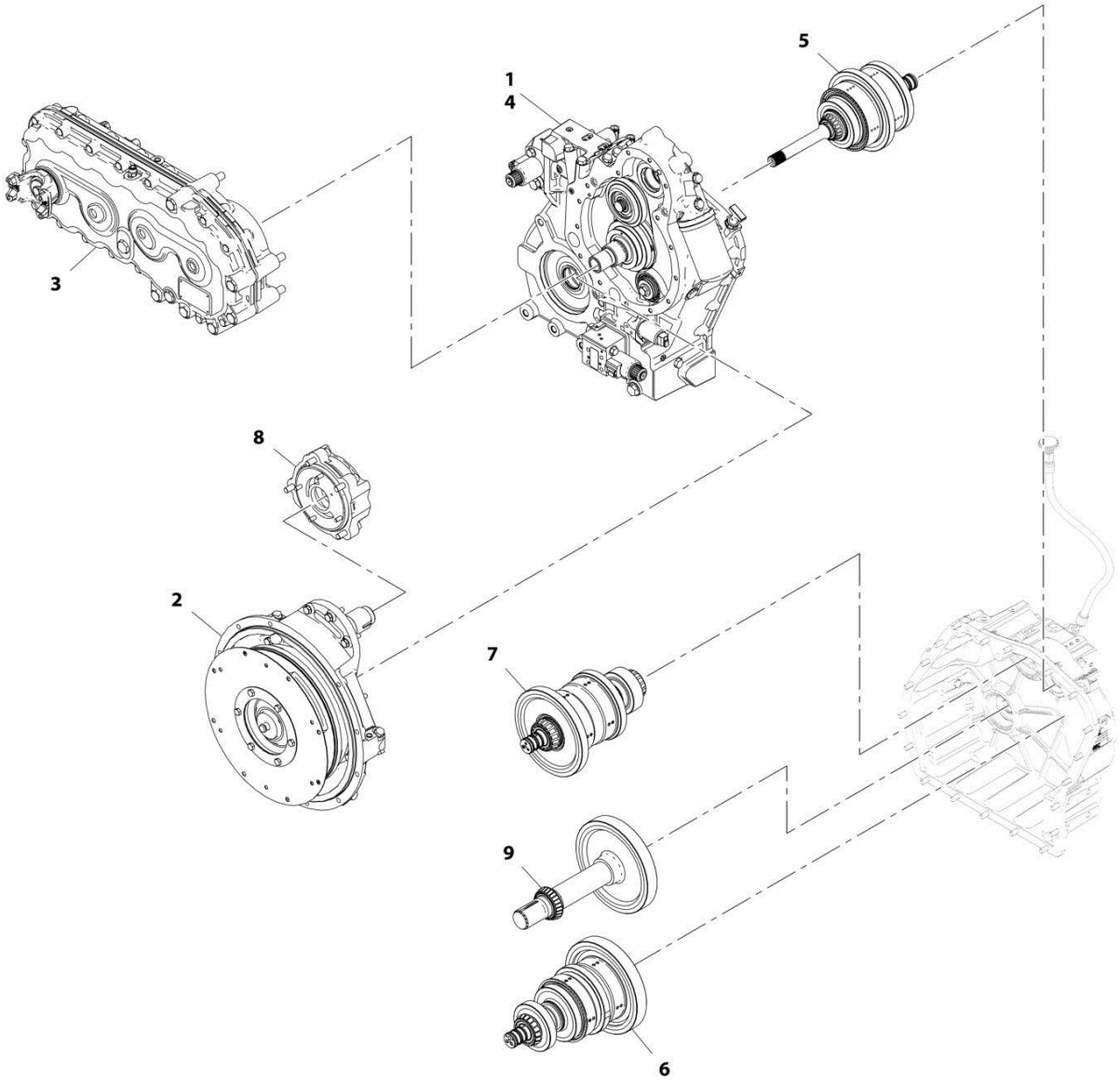


FIGURE 5-38. TRANSMISSION (6 SPD - 90KW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177851	Ref	Transmission (6 SPD - 90KW)	E
1	70027723	Ref	Group, Planetary Case and Parts (See Separate Breakdown in this Section)	
2	70027721	Ref	Group, Torque Converter (See Separate Breakdown in this Section)	
3	70027725	Ref	Group, Transfer Gear and Case (See Separate Breakdown in this Section)	
4	70027720	Ref	Group, Transmission Hydraulic Control (See Separate Breakdown in this Section)	
5	70027717	Ref	Group, Input Shaft (See Separate Breakdown in this Section)	
6	70027718	Ref	Group, Transmission Clutch (See Separate Breakdown in this Section)	
7	70027715	Ref	Group, Clutch and Gear (See Separate Breakdown in this Section)	
8	70027719	Ref	Group, Transmission Pump (See Separate Breakdown in this Section)	
9	70027716	Ref	Group, Output Shaft (See Separate Breakdown in this Section)	

FIGURE 5-39. PLANETARY CASE AND PARTS GROUP

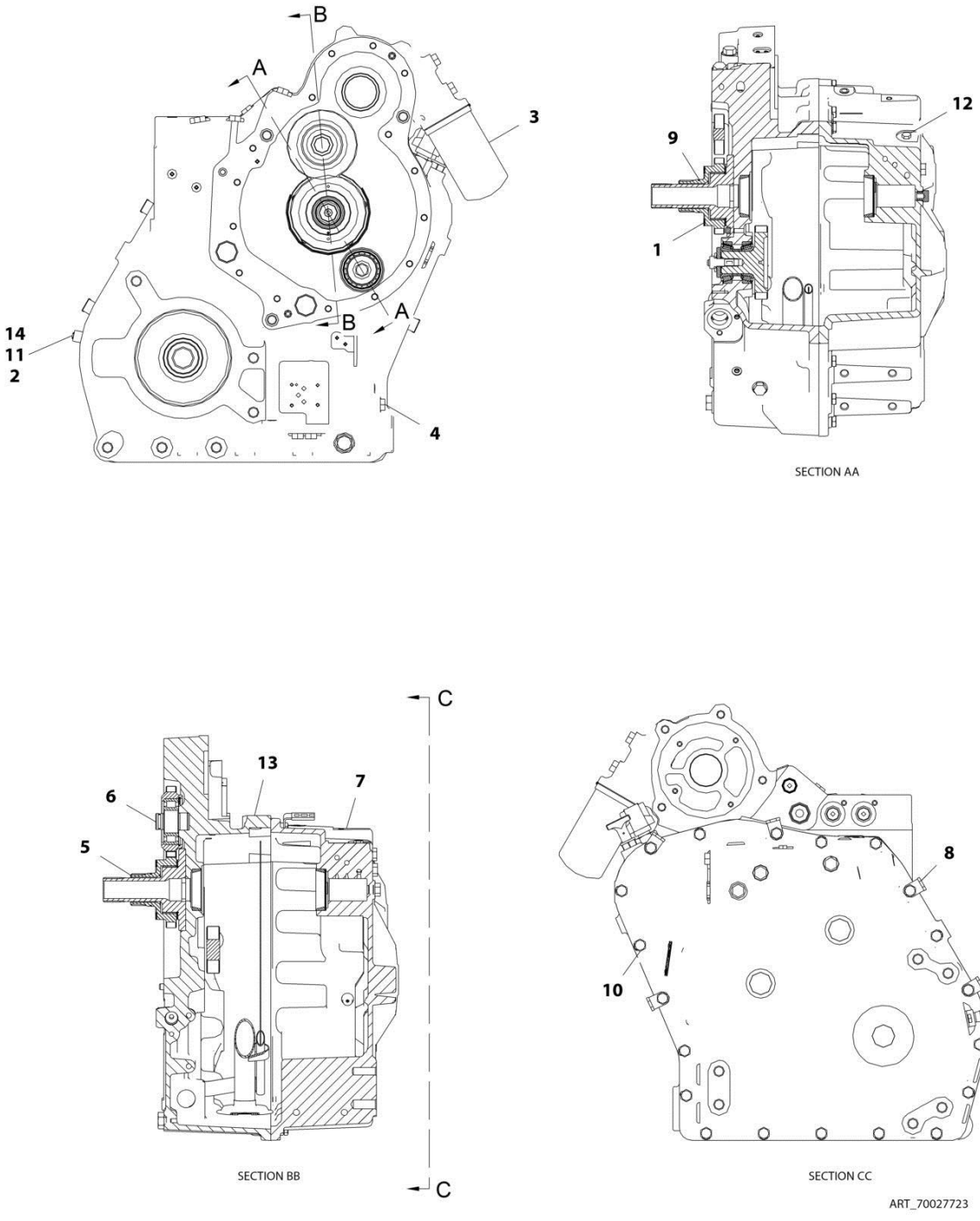


FIGURE 5-39. PLANETARY CASE AND PARTS GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027723	Ref	Planetary Case and Parts Group	
1	70025511	2	Washer, Thrust	
2	70025526	1	Sensor, Speed (See Separate Breakdown in this Section)	
3	70025453	1	Filter, Transmission	
4	70027663	1	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
5	70027341	1	Assembly, Gear	
6	70027707	1	Gear, Idler (See Separate Breakdown in this Section)	
7	70027711	1	Case, Rear Transmission (See Separate Breakdown in this Section)	
8	70027331	5	Clip	
9	70025512	1	O-Ring	
10	70025514	20	Bolt	
11	70025528	1	Bolt	
12	70025529	1	Plug	
13	70027714	1	Case, Planetary (See Separate Breakdown in this Section)	
14	70025527	1	O-Ring	

FIGURE 5-40. TORQUE CONVERTER GROUP

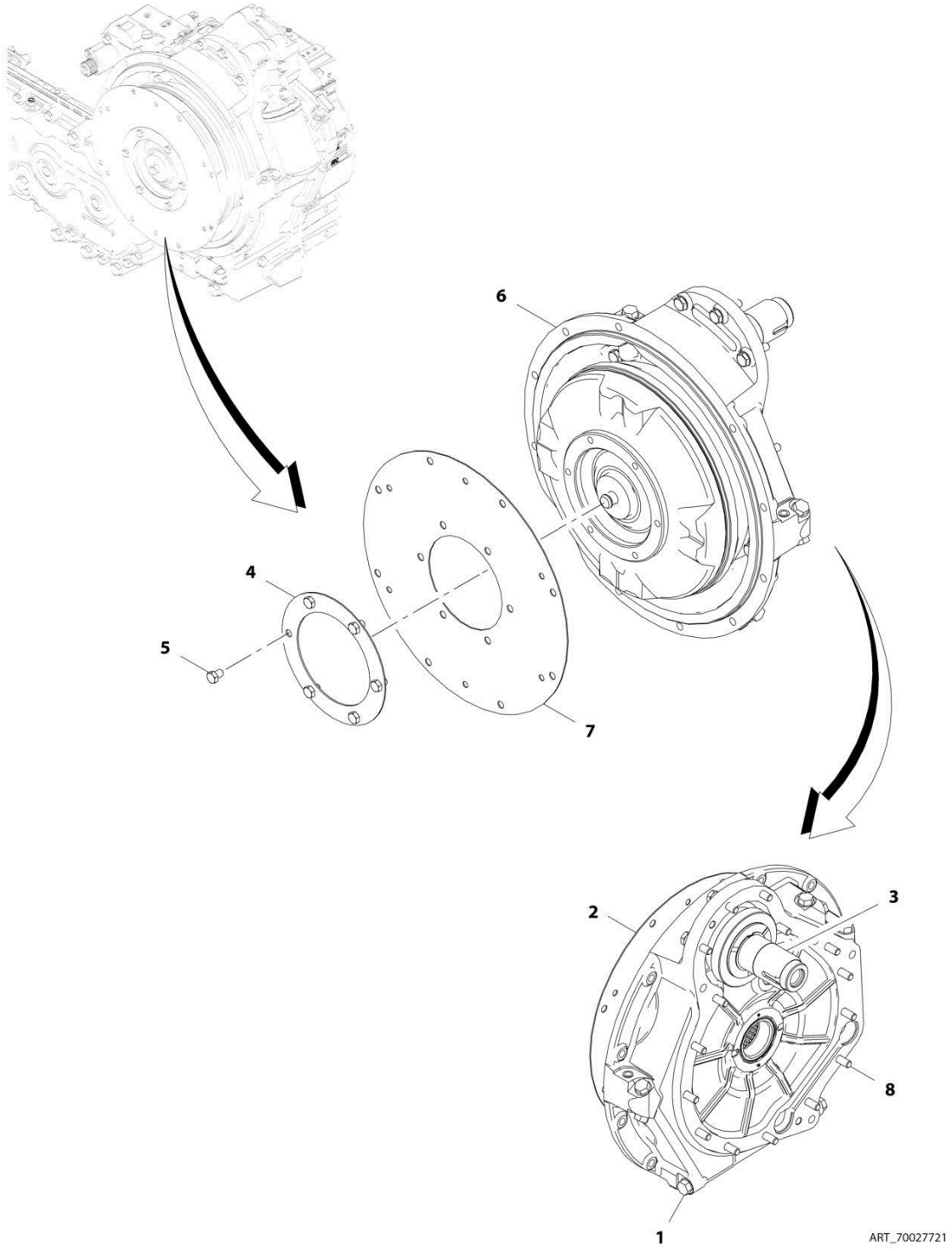


FIGURE 5-40. TORQUE CONVERTER GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027721	Ref	Torque Converter Group	
1	70027663	7	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
2	70027666	1	Assembly, Torque Converter	
	70027676	1	Bearing	
	70025383	1	Seal	
	70025382	2	Pin	
	70027345	1	Converter	
3	70027667	1	Assembly, Shaft	
	70025510	2	Ring, Snap	
	70025393	2	Disc, Thrust	
	70025392	1	Pump, Gear	
4	70025397	1	Plate, Converter Drive	
5	70025398	6	Screw	
6	70027382	1	Converter, Torque	
7	70027670	1	Plate, Converter Drive	
8	70027682	15	Bolt	

FIGURE 5-41. TRANSFER GEAR AND CASE GROUP

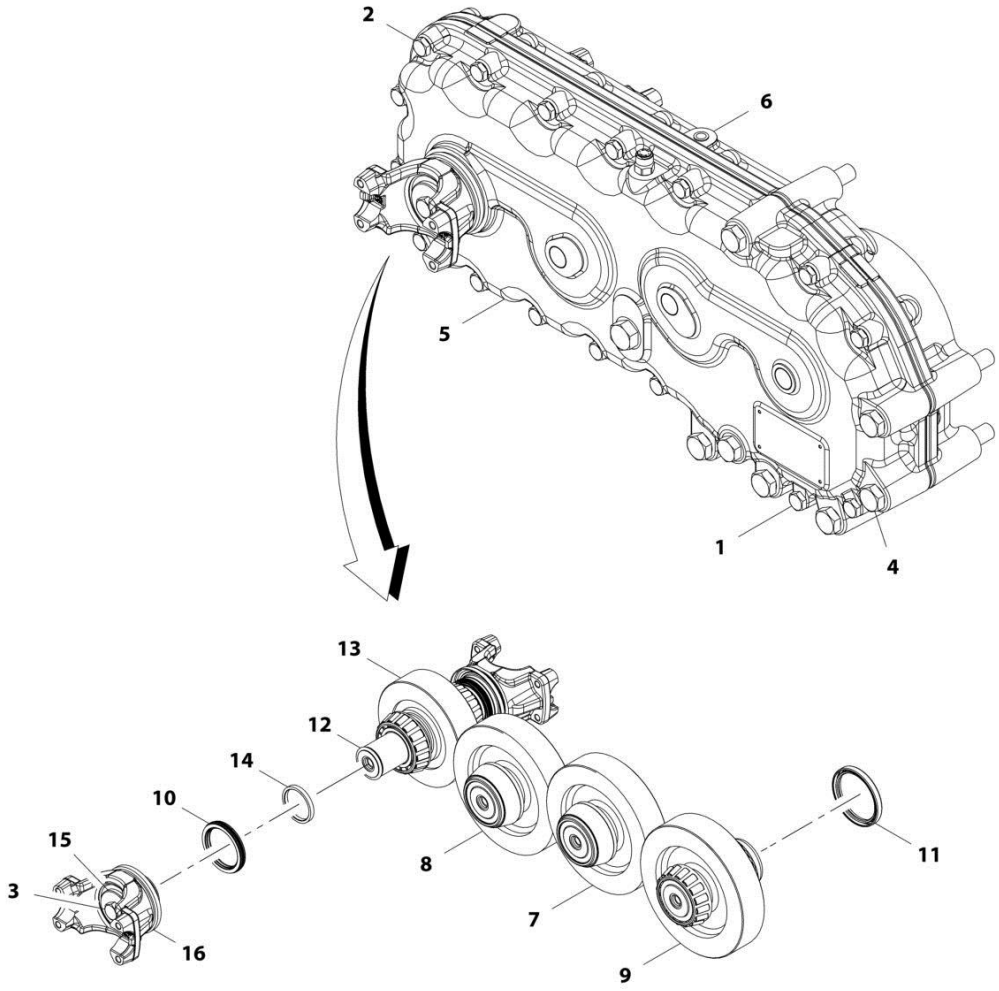


FIGURE 5-41. TRANSFER GEAR AND CASE GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027722	Ref	Torque Converter Group	
1	70027708	2	Bolt	
2	70027709	14	Bolt	
3	70025505	2	Bolt	
4	70025507	6	Bolt	
5	70027713	1	Case, Front Transfer (See Separate Breakdown in this Section)	
6	70027712	1	Case, Rear Transfer (See Separate Breakdown in this Section)	
7	70027342	1	Gear	
8	70027343	1	Gear	
	70025493	2	Cone, Bearing	
9	70027356	1	Assembly, Input Gear	
	70025496	1	Cone, Roller Bearing	
	70024634	1	Cone, Roller Bearing	
10	70027376	2	Seal	
11	70024642	1	Seal	
12	70025503	2	O-Ring	
13	70027711	1	Assembly, Output Shaft	
	70025498	2	Ring, Retaining	
	70025496	2	Cone, Roller Bearing	
	70024639	1	Shaft, Output	
	70024638	1	Gear, Output	
14	70024644	2	Spacer	
15	70025504	2	Washer	
16	70024645	2	Yoke	

FIGURE 5-42. TRANSFER GEAR AND CASE GROUP

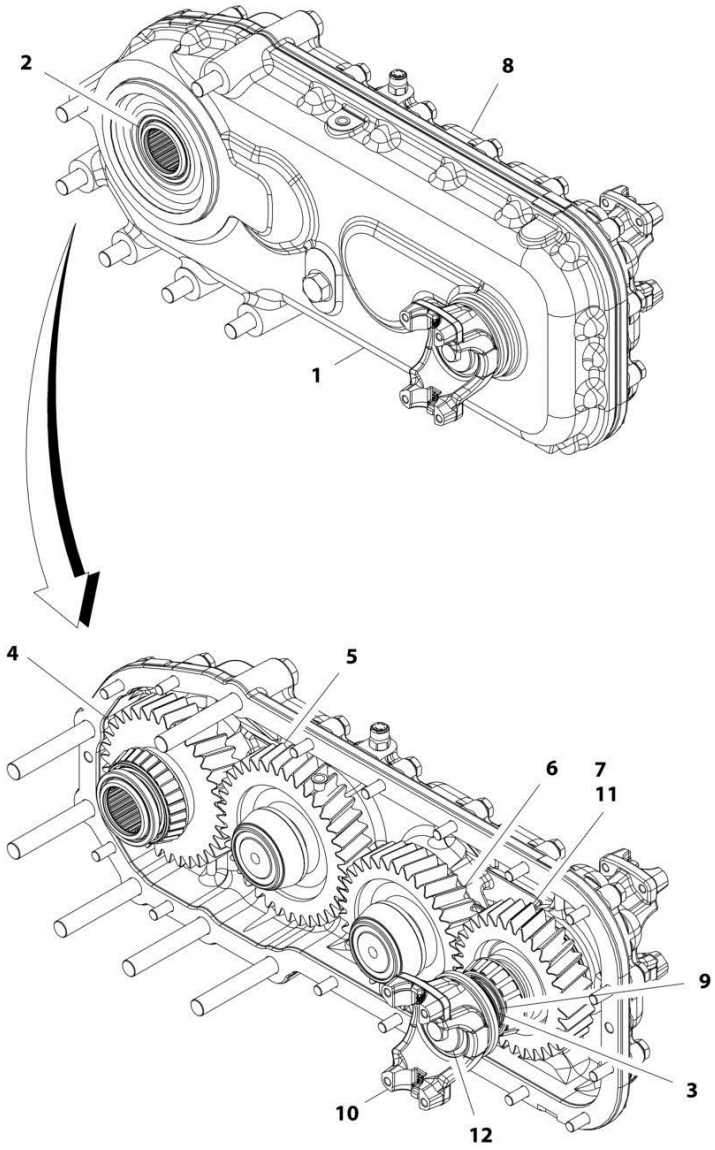
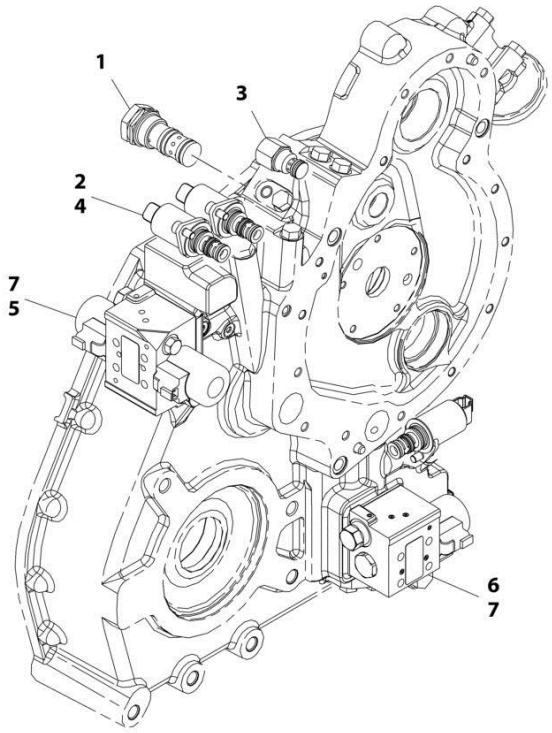


FIGURE 5-42. TRANSFER GEAR AND CASE GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027725	Ref	Group, Transfer Gear and Case	
1	70027373	1	Case, Front Transfer (See Separate Breakdown in this Section)	
2	70024642	1	Seal, Lip	
3	70027376	2	Seal, Lip	
4	70027672	1	Gear Assembly	
	70025496	2	Cone, Roller Bearing	
	70024634	1	Cone, Roller Bearing	
	70027368	1	Gear, Input	
5	70027673	1	Assembly, Idler Gear	
	70025493	2	Bearing, Cone	
	70027369	1	Idler, Gear	
6	70027674	1	Assembly, Idler Gear	
	70025493	2	Bearing, Cone	
	70027370	1	Idler, Gear	
7	70027675	1	Assembly, Output Shaft	
	70025496	2	Cone, Roller Bearing	
	70025498	2	Ring, Retaining	
	70024639	1	Shaft, Output	
	70027371	1	Gear, Output	
8	70027375	1	Case, Rear Transfer (See Separate Breakdown in this Section)	
9	70024644	2	Spacer	
10	70024645	2	Yoke	
11	70025503	2	O-Ring	
12	70025504	2	Washer	

FIGURE 5-43. TRANSMISSION HYDRAULIC CONTROL GROUP



ART_70027720

FIGURE 5-43. TRANSMISSION HYDRAULIC CONTROL GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027720	Ref	Transmission Hydraulic Control Group	
1	70025469	1	Valve, Relief (See Separate Breakdown in this Section)	
2	70025520	3	Capscrew	
3	70025470	1	Valve, Relief	
	70027387	1	O-Ring	
	70027680	1	O-Ring	
4	70025451	3	Valve, Solenoid	
5	70027362	1	Valve, Solenoid (See Separate Breakdown in this Section)	
6	70027363	1	Valve, Solenoid (See Separate Breakdown in this Section)	
7	70027671	8	Bolt	

FIGURE 5-44. INPUT SHAFT GROUP

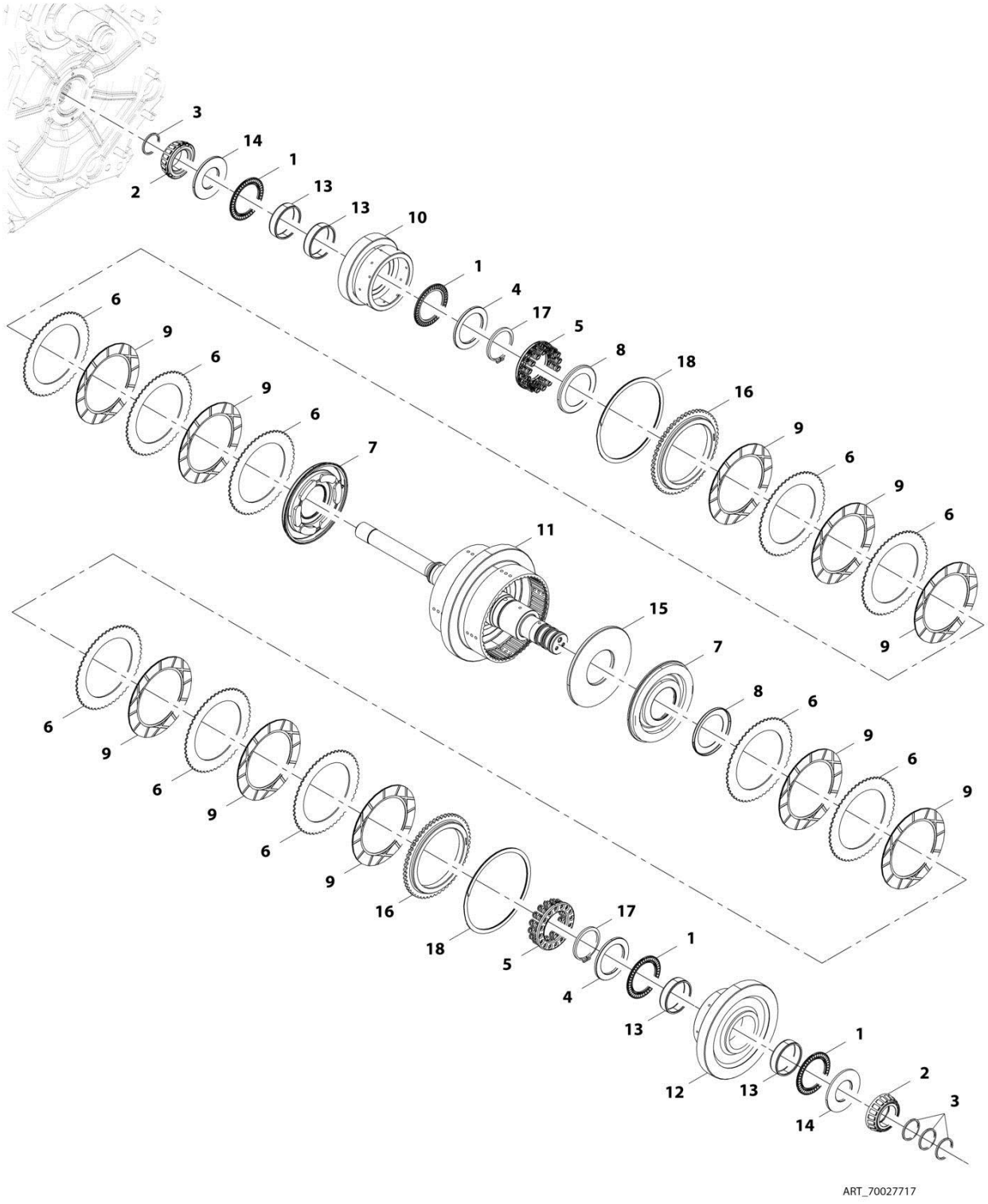


FIGURE 5-44. INPUT SHAFT GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027717	Ref	Input Shaft Group	
1	70025432	4	Bearing, Thrust	
2	70025508	2	Bearing, Roller Cone	
3	70025433	4	Ring, Sealing	
4	70025429	2	Washer, Thrust	
5	70025440	2	Assembly, Spring and Retainer	
6	70025437	10	Plate, Clutch	
7	70025438	2	Piston, Clutch	
8	70025439	2	Retainer, Spring	
9	70025448	10	Disc, Friction	
10	70025400	1	Gear	
11	70025445	1	Assembly, Plug	
	70027328	2	Plug	
	70027348	1	Plug, Orifice	
12	70025401	1	Gear	
13	70025424	4	Bearing, Needle Roller	
14	70025446	2	Washer, Thrust	
15	70025449	1	Spacer, Piston	
16	70025447	2	Plate, Retainer	
17	70025498	2	Ring, Retaining	
18	70027681	2	Ring, Retaining	

FIGURE 5-45. TRANSMISSION CLUTCH GROUP

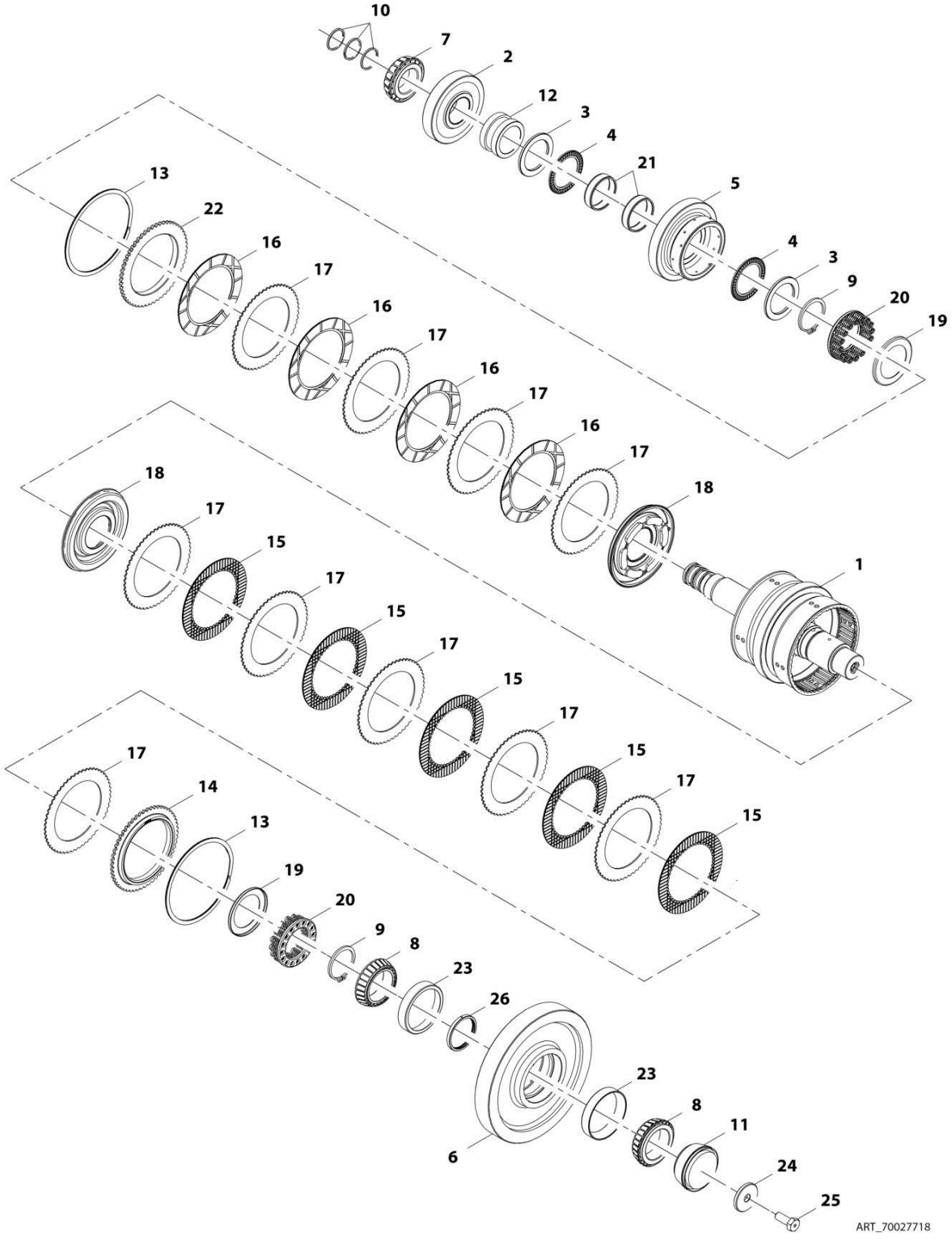


FIGURE 5-45. TRANSMISSION CLUTCH GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027718	Ref	Transmission Clutch Group	
1	70025450	1	Shaft, Forward High/3rd	
	70027339	2	Plug	
	70027344	1	Plug-Orifice	
2	70025402	1	Gear	
3	70025429	2	Washer, Thrust	
4	70025432	2	Bearing, Thrust	
5	70025403	1	Gear	
6	70025404	1	Gear	
7	70025406	1	Bearing, Cone Roller	
8	70025407	2	Bearing, Cone Roller	
9	70025498	2	Ring, Retaining	
10	70025433	3	Ring, Sealing	
11	70025493	1	Bearing, Cone Roller	
12	70025409	1	Spacer	
13	70027681	2	Ring, Retaining	
14	70025435	1	Plate, Retainer	
15	70025436	5	Disc-Friction	
16	70025448	4	Disc-Friction	
17	70025437	10	Plate, Clutch	
18	70025438	2	Piston, Clutch	
19	70025439	2	Spring, Retainer	
20	70025440	2	Assembly, Spring and Retainer	
21	70025424	2	Bearing, Needle Roller	
22	70025447	1	Plate, Retaining	
23	70025408	2	Bearing, Cup	
24	70025504	1	Washer	
25	70025442	1	Bolt	
26	70025410	AR	Spacer, 5.88-5.90	
	70025411	AR	Spacer, 5.85-5.87	
	70025412	AR	Spacer, 5.82-5.84	
	70025413	AR	Spacer, 5.79-5.81	
	70025414	AR	Spacer, 6.00-6.02	
	70025415	AR	Spacer, 5.97-5.99	
	70025416	AR	Spacer, 5.94-5.96	
	70025417	AR	Spacer, 5.91-5.93	
	70025418	AR	Spacer, 6.09-6.11	
	70025419	AR	Spacer, 6.06-6.08	
	70027358	AR	Spacer, 6.12-6.14	
	70027359	AR	Spacer, 6.15-6.17	
	70025420	AR	Spacer, 6.03-6.05	
	70027364	AR	Spacer, 6.20-6.22	
	70027365	AR	Spacer, 6.25-6.27	

FIGURE 5-46. CLUTCH AND GEAR GROUP

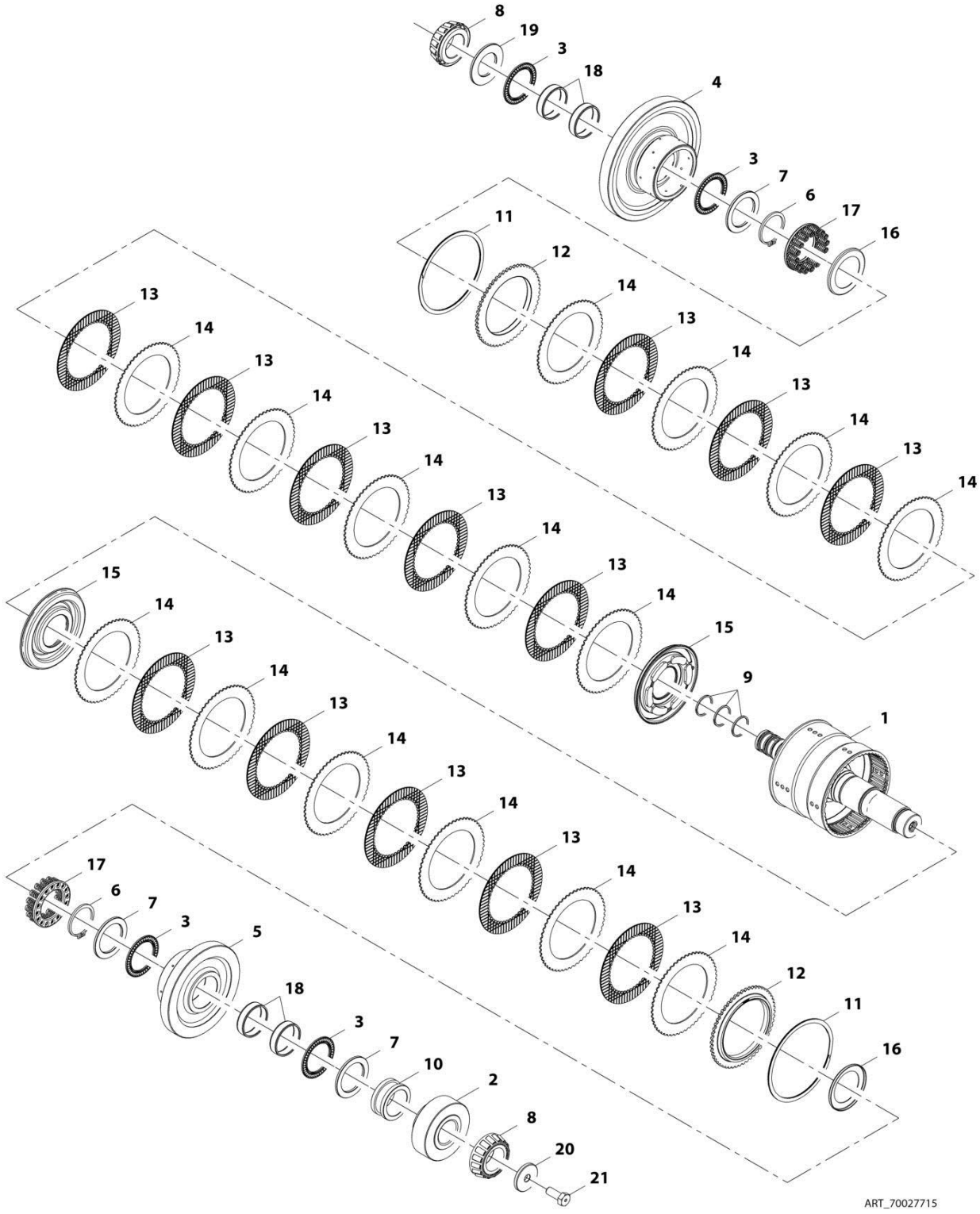


FIGURE 5-46. CLUTCH AND GEAR GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027715	Ref	Clutch and Gear Group	
1	70025431	1	Assembly, Plug	
	70027328	2	Plug	
	70027344	1	Plug, Orifice	
	70027349	1	Plug, Orifice	
2	70025423	1	Gear	
3	70025432	4	Bearing, Thrust	
4	70025425	1	Gear	
5	70025401	1	Gear	
6	70025498	2	Ring, Retaining	
7	70025429	3	Washer, Thrust	
8	70025496	2	Cone, Roller Bearing	
9	70025433	3	Ring, Sealing	
10	70025426	1	Spacer	
11	70027681	2	Ring, Retaining	
12	70025435	2	Plate, Retainer	
13	70025436	13	Disc, Friction	
14	70025437	15	Plate, Clutch	
15	70025438	2	Piston, Clutch	
16	70025439	2	Retainer, Spring	
17	70025440	2	Assembly, Spring and Retainer	
18	70025424	4	Bearing, Needle Roller	
19	70025441	1	Washer, Thrust	
20	70025504	1	Washer	
21	70025442	1	Bolt	

FIGURE 5-47. TRANSMISSION PUMP GROUP

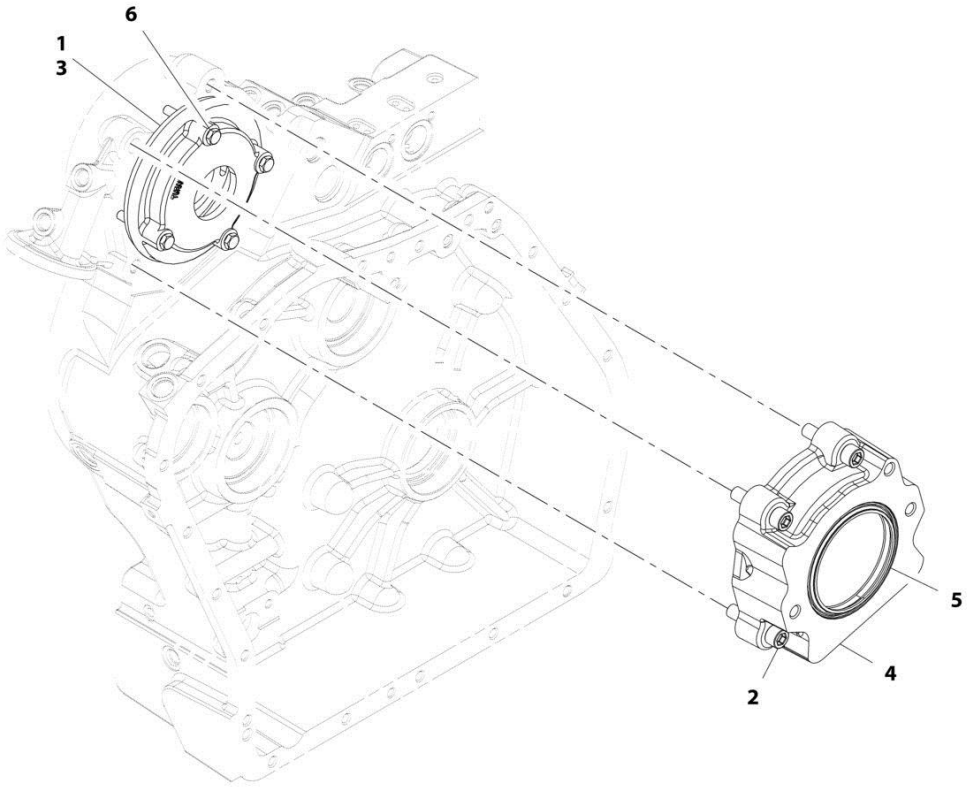
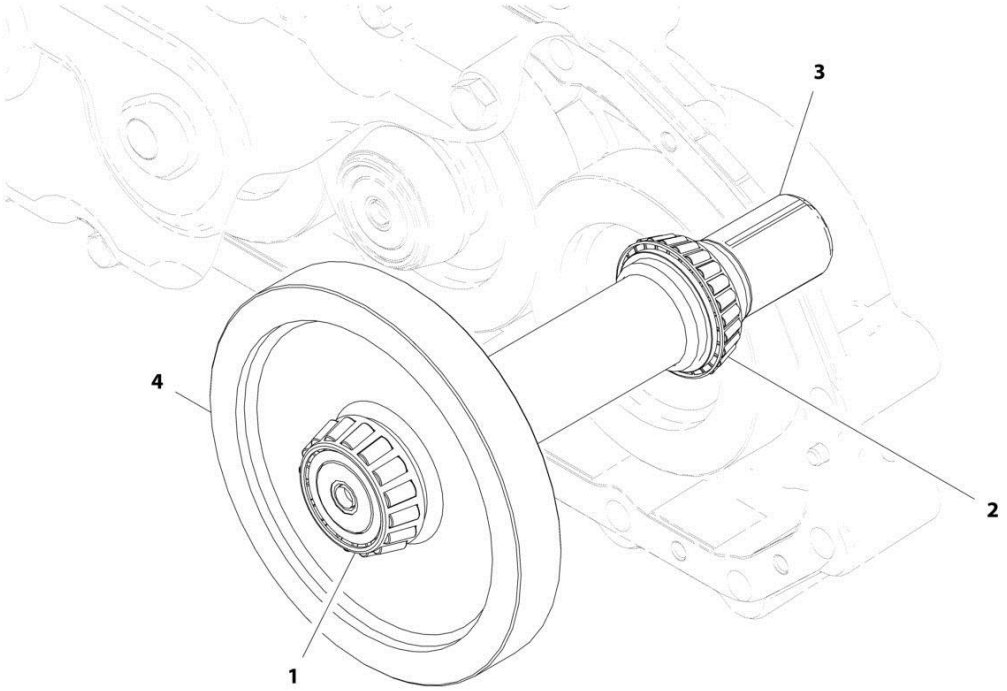


FIGURE 5-47. TRANSMISSION PUMP GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027719	Ref	Transmission Pump Group	
1	70025464	1	O-Ring	
2	70025463	4	Capscrew	
3	70025459	1	Pump, Charge	
4	70025452	1	Housing, Pump	
5	70027347	1	Plug	
6	70025522	4	Bolt	

FIGURE 5-48. OUTPUT SHAFT GROUP

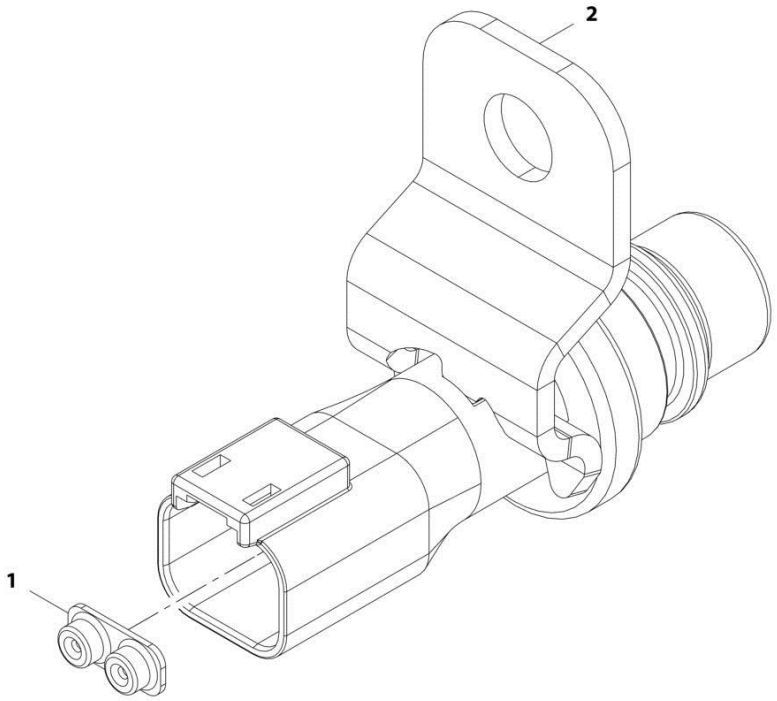


ART_70027716

FIGURE 5-48. OUTPUT SHAFT GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027716	Ref	Output Shaft Group	
1	70025496	1	Cone, Roller Bearing	
2	70025407	1	Cone, Roller Bearing	
3	70025428	1	Gear	
4	70025427	1	Shaft, Output	

FIGURE 5-49. SPEED SENSOR

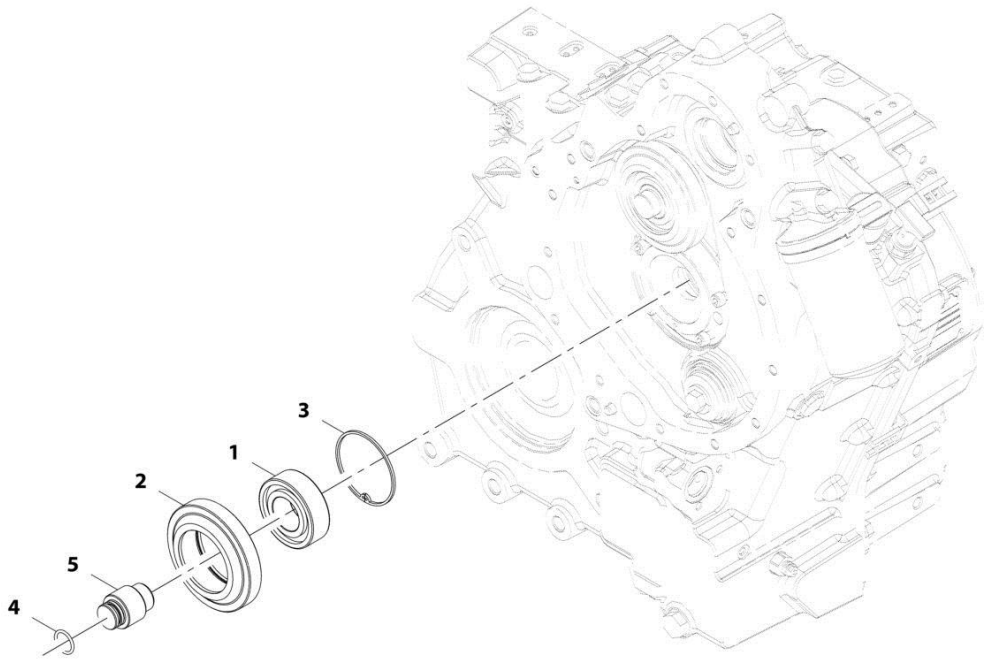


ART_70025526

FIGURE 5-49. SPEED SENSOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025526	Ref	Speed Sensor	
1	70027332	1	Connector	
2	70027661	1	Bracket	

FIGURE 5-50. IDLER GEAR

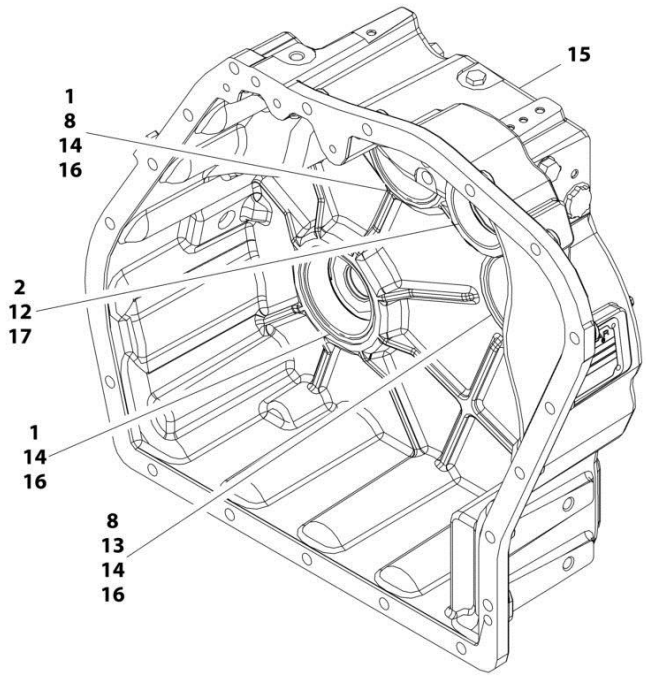


ART_70027707

FIGURE 5-50. IDLER GEAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027707	Ref	Idler Gear Group	
1	70025389	1	Bearing, Roller	
2	70025388	1	Pump, Idler Gear	
3	70025391	1	Circlip	
4	70025390	1	O-Ring	
5	70025387	1	Pump, Output Shaft	

FIGURE 5-51. REAR TRANSMISSION CASE



ART_70027711

FIGURE 5-51. REAR TRANSMISSION CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027711	Ref	Rear Transmission Case	
1	70025497	2	Cup, Roller Bearing	
2	70025443	AR	Shim, 0.508	
	70025444	AR	Shim, 0.381	
	70025518	AR	Shim, 0.051	
	70025515	AR	Shim, 0.178	
	70025516	AR	Shim, 0.127	
	70025517	AR	Shim, 0.076	
8	70025502	AR	Shim, 0.599	
	70025501	AR	Shim, 0.178	
	70025500	AR	Shim, 0.076	
	70025499	AR	Shim, 0.051	
12	70025509	1	Cup, Roller Bearing	
13	70025494	1	Cup, Bearing	
14	70025476	3	Cap	
15	70025430	1	Assembly, Rear Transmission Case (See Separate Breakdown in this Section)	
16	70025421	3	Shim	
17	70027350	1	Spacer	

FIGURE 5-52. PLANETARY CASE

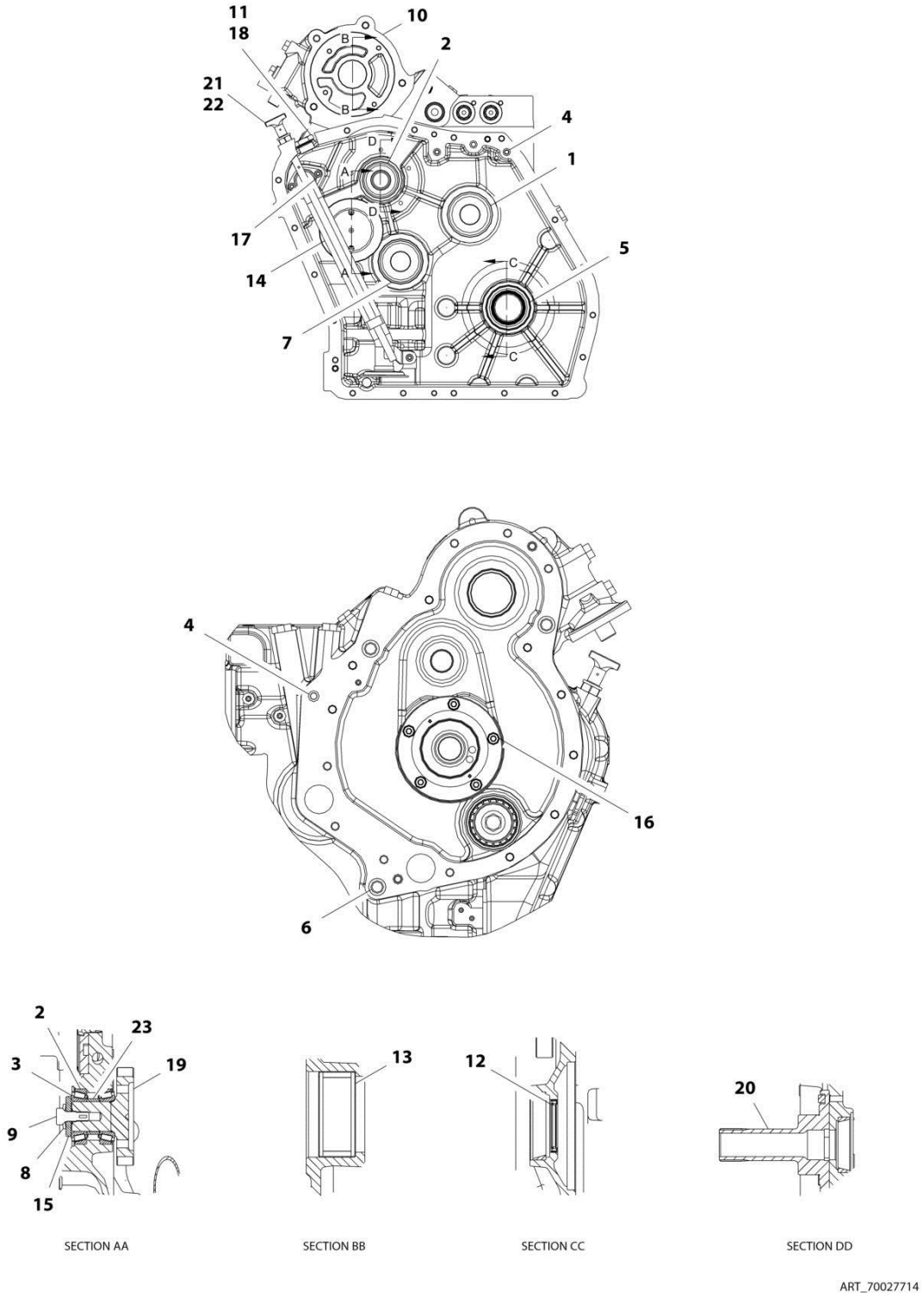


FIGURE 5-52. PLANETARY CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027714	Ref	Planetary Case	
1	70025497	1	Cup, Roller Bearing	
2	70025509	3	Cup, Roller Bearing	
3	70025508	1	Cone, Roller Bearing	
4	70025523	4	O-Ring	
5	70025408	1	Cup, Bearing	
6	70025468	3	O-Ring	
7	70027340	1	Bearing	
8	70025380	1	Washer, Bevel Spring	
9	70025505	1	Bolt	
10	70025467	1	Assembly, Front Transmission Case (See Separate Breakdown in this Section)	
11	70027664	1	Housing	
12	70027376	1	Seal, Lip	
13	70025360	1	Bearing, Needle Roller	
14	70027668	1	Assembly, Strainer	
	70025461	2	O-Ring	
	70025460	1	Strainer	
15	70025504	1	Washer	
16	70025513	5	Capscrew	
17	70025520	3	Capscrew	
18	70025472	1	Washer	
19	70027665	1	Shaft, Idler	
	70025508	1	Cone, Bearing	
	70025361	1	Gear, Reverse Idler	
20	70025394	1	Support	
	70025382	2	Pin	
21	70025465	1	Dipstick	
22	70025462	1	Assembly, Dipstick Tube	
	70027388	1	O-Ring	
	70027346	1	Tube	
23	70025370	AR	Spacer, 15.09-15.11	
	70025376	AR	Spacer, 15.27-15.29	
	70025362	AR	Spacer, 14.85-14.87	
	70025377	AR	Spacer, 15.30-15.32	
	70025371	AR	Spacer, 15.12-15.14	
	70025372	AR	Spacer, 15.15-15.17	
	70025373	AR	Spacer, 15.18-15.20	
	70025363	AR	Spacer, 14.88-14.90	
	70025364	AR	Spacer, 14.91-14.93	
	70025365	AR	Spacer, 14.94-14.96	
	70025366	AR	Spacer, 14.97-14.99	
	70025367	AR	Spacer, 15.00-15.02	
	70025368	AR	Spacer, 15.03-15.05	
	70025369	AR	Spacer, 15.06-15.08	
	70025374	AR	Spacer, 15.21-15.23	
	70025378	AR	Spacer, 15.33-15.35	
	70025379	AR	Spacer, 15.36-15.38	
	70025375	AR	Spacer, 15.24-15.26	

FIGURE 5-53. FRONT TRANSFER CASE

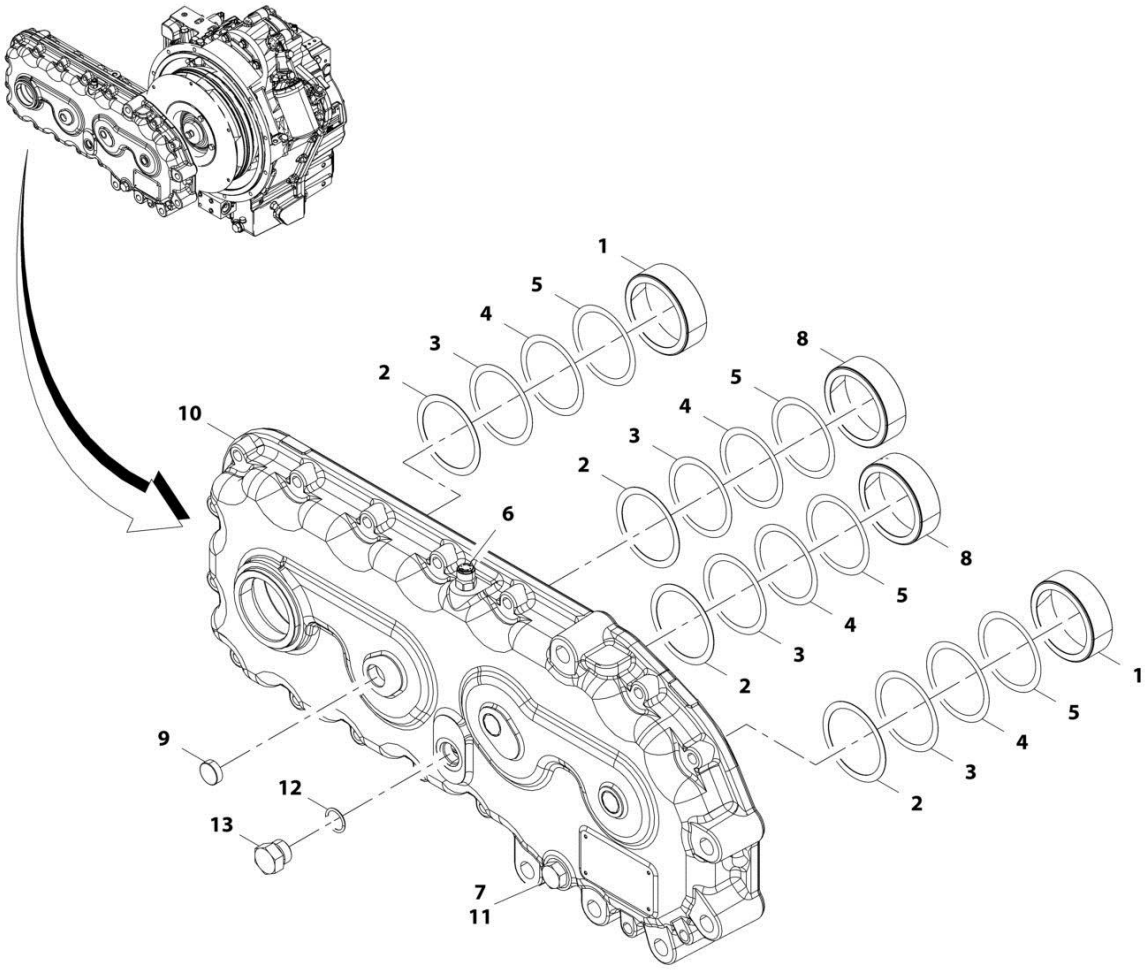
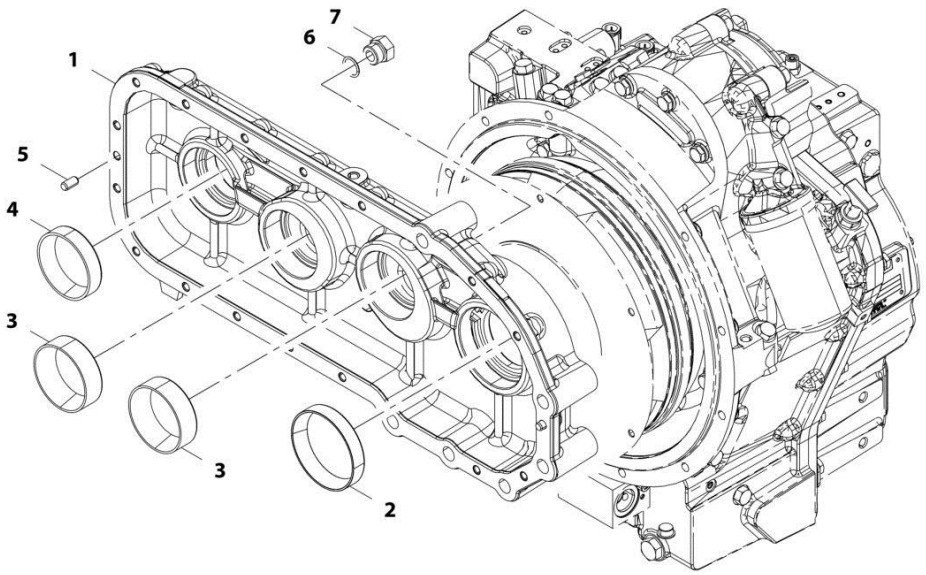


FIGURE 5-53. FRONT TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027713	Ref	Front Transfer Case	
1	70025497	2	Cup, Roller Bearing	
2	70025502	4	Shim, 0.236	
3	70025501	4	Shim, 0.007	
4	70025500	4	Shim, 0.003	
5	70025499	4	Shim, 0.002	
6	70027374	1	Breather	
7	70024646	1	Plug	
8	70025494	1	Cup, Bearing	
9	70024641	1	Cap	
10	70027357	1	Case, Transfer	
11	7022730	1	O-Ring	
12	70027387	1	O-Ring	
13	70025506	1	Plug	

FIGURE 5-54. REAR TRANSFER CASE

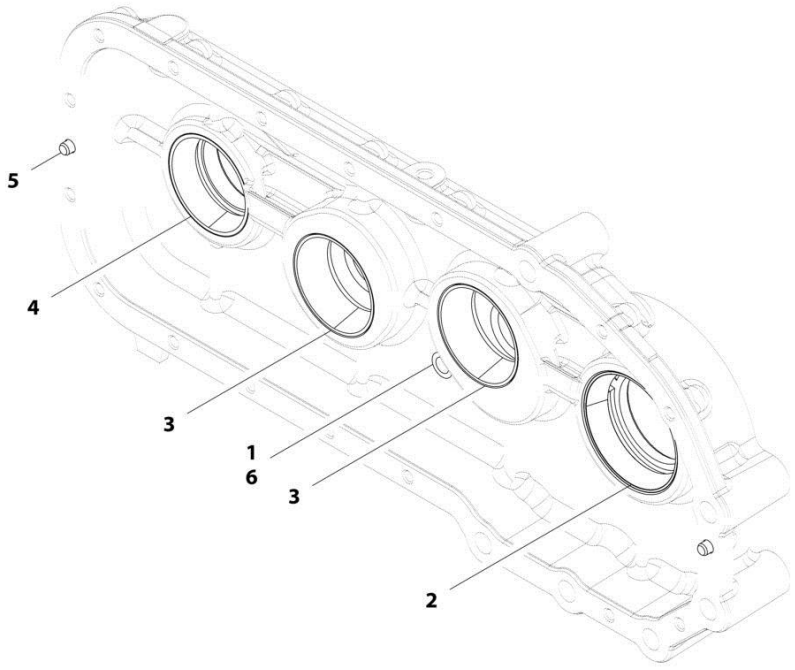


ART_70027712

FIGURE 5-54. REAR TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027712	Ref	Rear Transfer Case	
1	70027367	1	Case, Rear Transfer	
2	70024635	1	Cup, Roller Bearing	
3	70025494	2	Cup, Bearing	
4	70025497	1	Cup, Roller Bearing	
5	70025495	2	Dowel	
6	70027387	1	Seal	
7	70025506	1	Plug	

FIGURE 5-55. FRONT TRANSFER CASE



ART_70027373

FIGURE 5-55. FRONT TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027373	Ref	Front Transfer Case	
1	70025506	1	Plug	
2	70024635	1	Cup, Roller Bearing	
3	70025494	2	Cup, Bearing	
4	70025497	1	Cup, Roller Bearing	
5	70025495	2	Dowel	
6	70027387	1	O-Ring	

FIGURE 5-56. REAR TRANSFER CASE

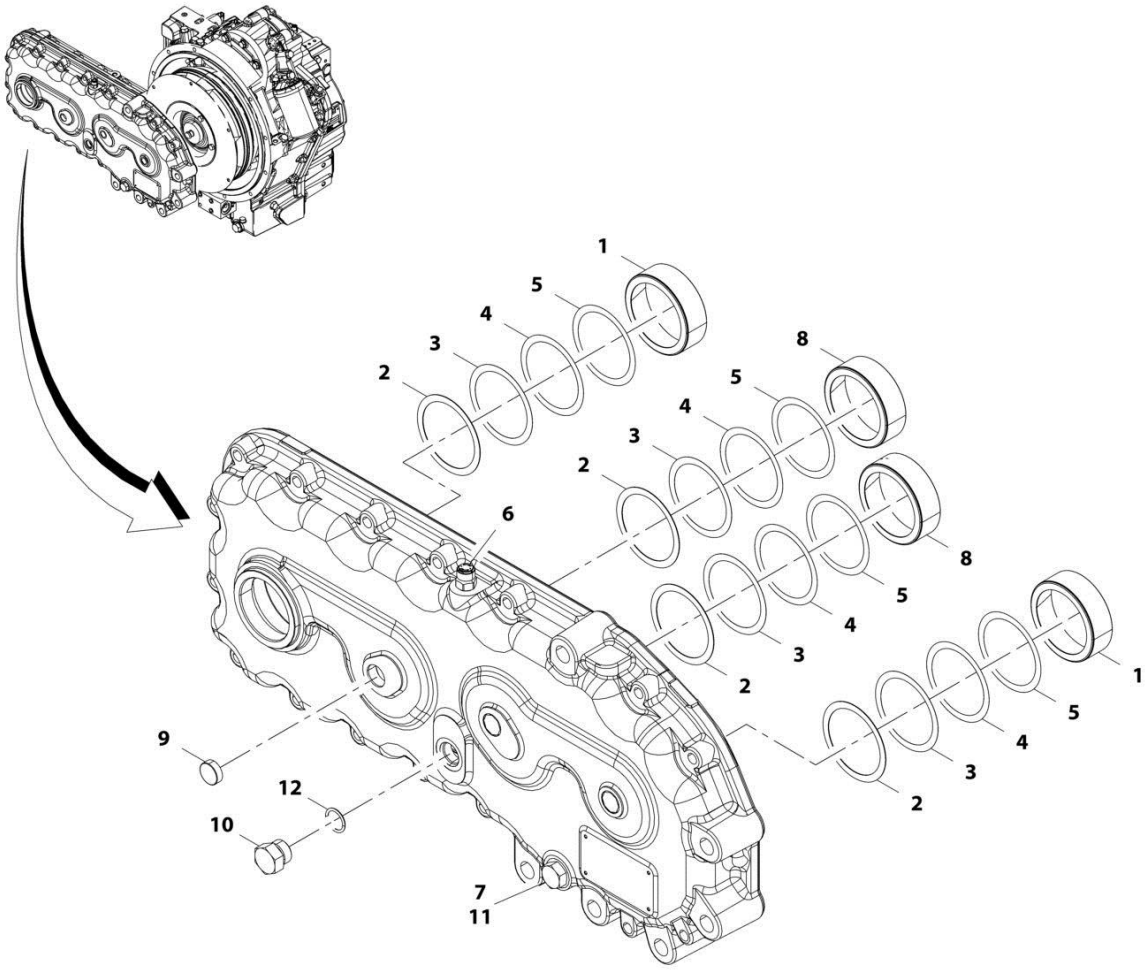
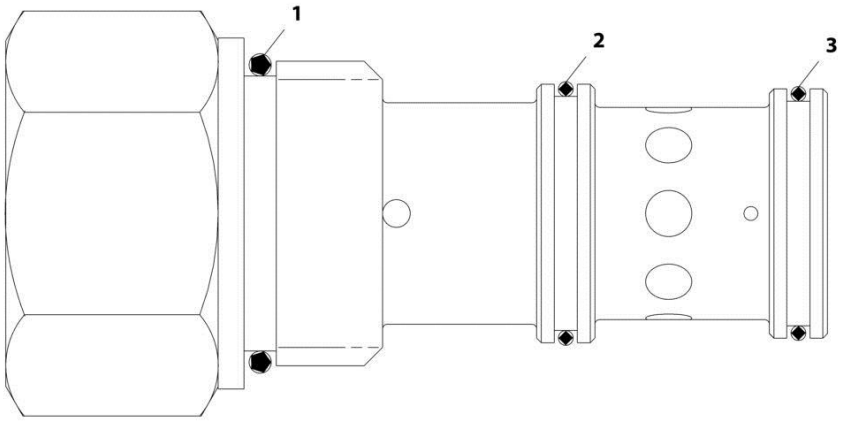


FIGURE 5-56. REAR TRANSFER CASE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027375	Ref	Rear Transfer Case	
1	70025497	2	Cup, Roller Bearing	
2	70025502	4	Shim, 0.236	
3	70025501	4	Shim, 0.007	
4	70025500	4	Shim, 0.003	
5	70025499	4	Shim, 0.002	
6	70027374	1	Breather	
7	70024646	1	Plug	
8	70025494	2	Cup, Bearing	
9	70024641	3	Cap	
10	70025506	1	Plug	
11	7022730	1	O-Ring	
12	70027387	1	O-Ring	

FIGURE 5-57. RELIEF VALVE

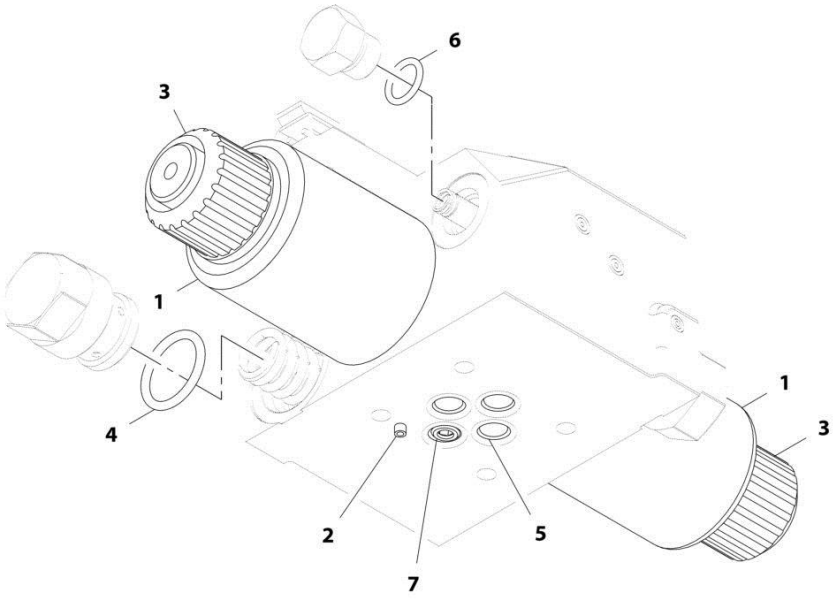


ART_70025469

FIGURE 5-57. RELIEF VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025469	Ref	Valve, Relief	
1	70027679	1	O-Ring	
2	70027678	1	O-Ring	
3	70027660	1	O-Ring	

FIGURE 5-58. SOLENOID VALVE



ART_70027362

FIGURE 5-58. SOLENOID VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027362	Ref	Solenoid Valve	
1	70025456	2	Coil, Solenoid	
2	70027389	1	Pin	
3	70025457	2	Assembly, Solenoid	
	70027677	1	O-Ring	
	70025455	1	Nut, Self Locking	
4	70027352	2	O-Ring	
5	70025466	4	O-Ring	
6	70027353	2	O-Ring	
7	70027361	1	Plug	

FIGURE 5-59. SOLENOID VALVE

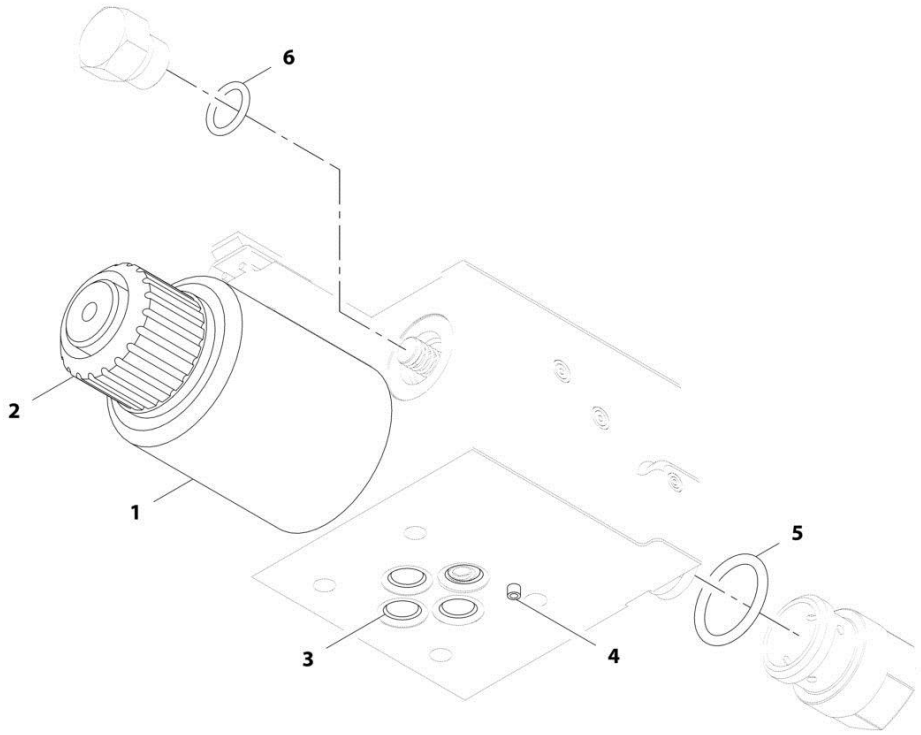


FIGURE 5-59. SOLENOID VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027363	Ref	Solenoid Valve	
1	70025456	1	Coil, Solenoid	
2	70025457	1	Tube	
	70027677	1	O-Ring	
	70025455	1	Nut, Self Locking	
3	70025466	4	O-Ring	
4	70027389	1	Pin	
5	70027352	1	O-Ring	
6	70027353	1	O-Ring	

FIGURE 5-60. FRONT TRANSMISSION CASE ASSEMBLY

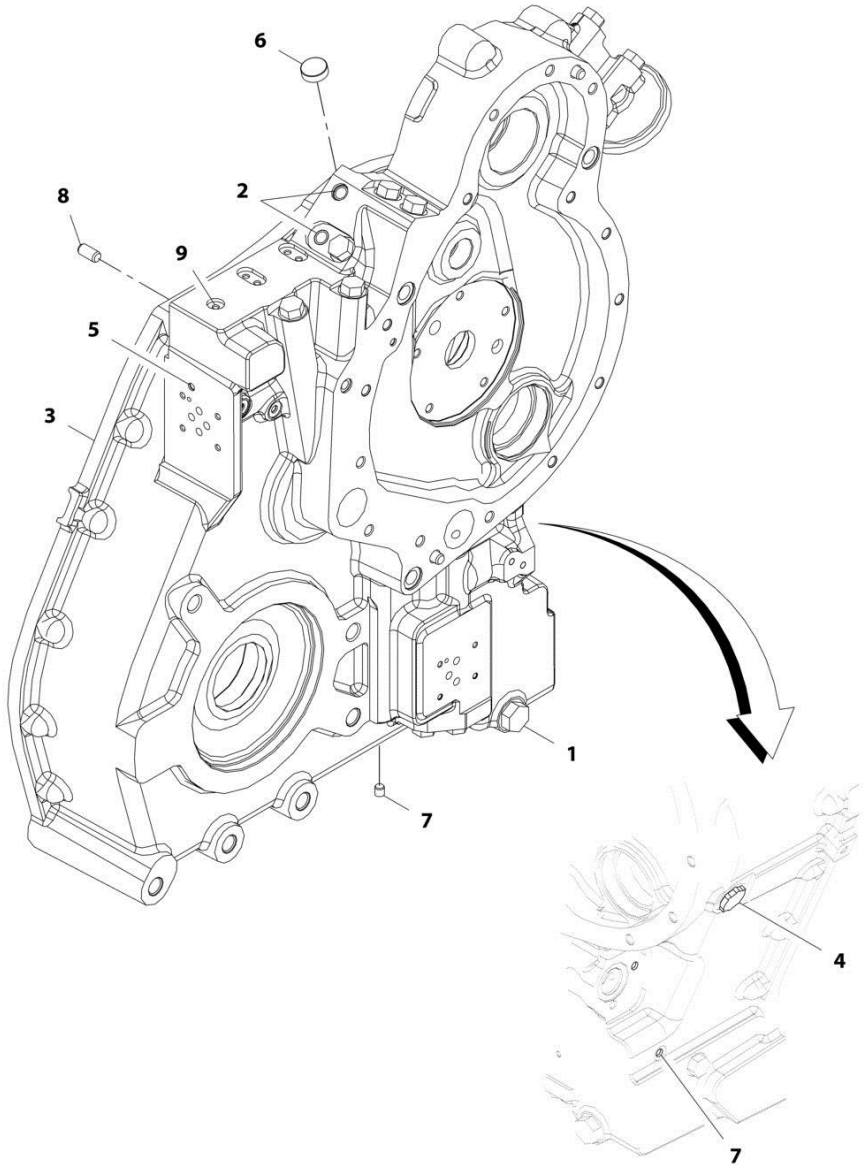
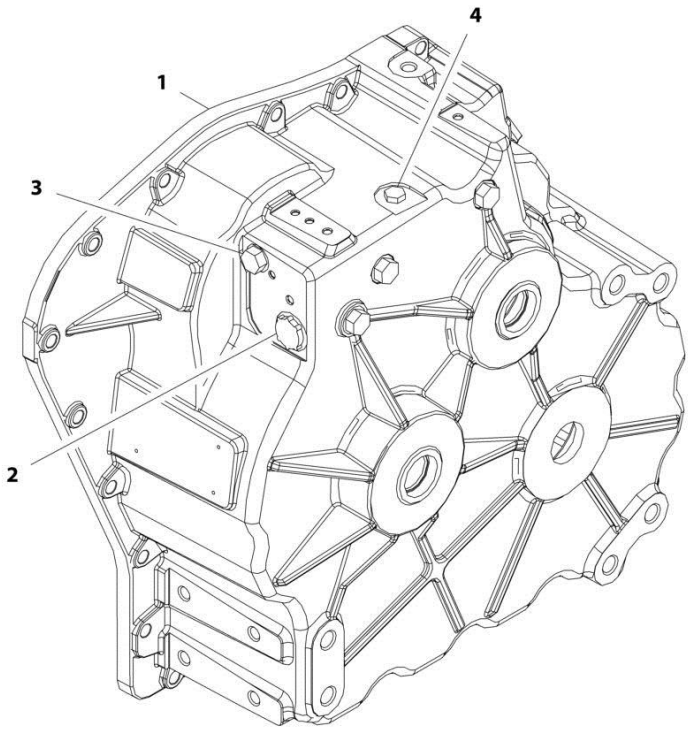


FIGURE 5-60. FRONT TRANSMISSION CASE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025467	Ref	Front Transmission Case Assembly	
1	70024646	1	Plug	
2	70025471	2	Plug	
3	70027669	1	Case, Front Transmission	
	70027354	1	Adapter	
4	70027337	1	Plug	
5	70027338	4	Plug	
6	70024641	1	Cap	
7	70027339	3	Plug	
8	70025495	4	Dowel	
9	70027328	7	Plug	

FIGURE 5-61. REAR TRANSMISSION CASE ASSEMBLY



ART_70025430

FIGURE 5-61. REAR TRANSMISSION CASE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70025430	Ref	Rear Transmission Case Assembly	
1	70027366	1	Case, Rear Transmission	
	70027338	4	Plug	
	70027339	4	Plug	
2	70027337	1	Plug	
3	70027663	4	Assembly, Plug	
	70025525	1	O-Ring	
	70025524	1	Plug	
4	70025529	1	Plug	

FIGURE 5-62. TIRE/WHEEL SET (AIR - 15.5/80-24 - 16PR)

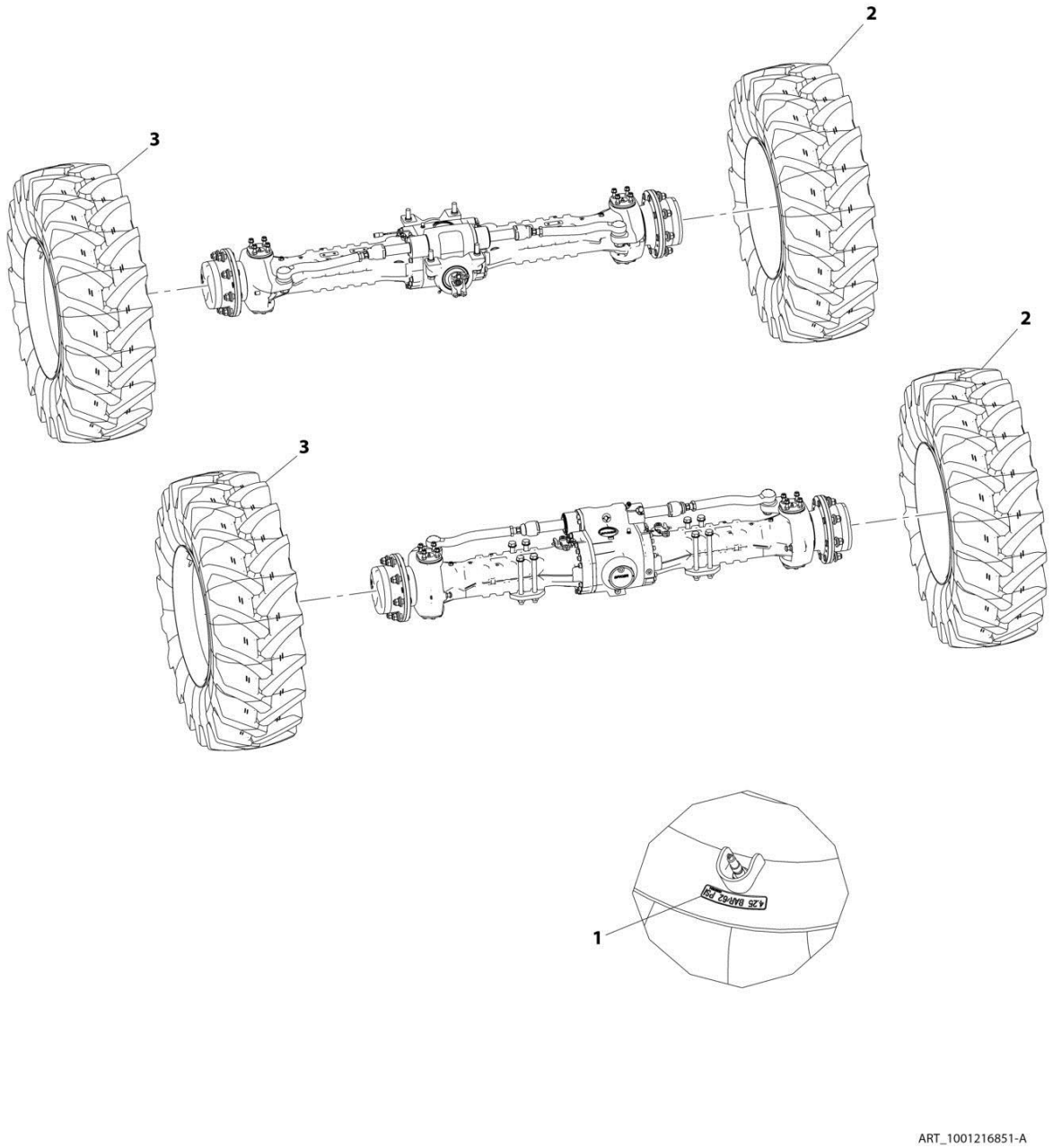
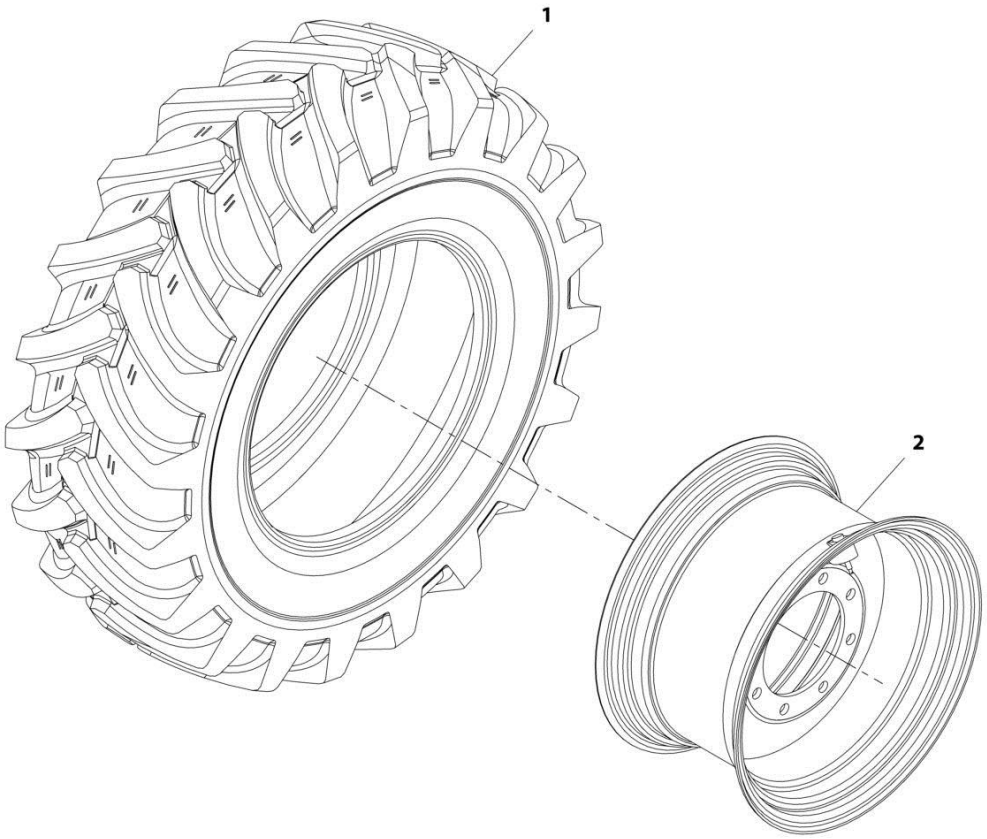


FIGURE 5-62. TIRE/WHEEL SET (AIR - 15.5/80-24 - 16PR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216851	1	Tire/Wheel Set (Air - 15.5/80-24 - 16PR or PLY)	A
1	1001112924	4	Decal	
2	1001216664	2	Assembly, Left Tire/Wheel (Air - 15.5/80-24 - 16PR) (See Separate Breakdown in this Section)	
3	1001216667	2	Assembly, Right Tire/Wheel (Air - 15.5/80-24 - 16PR) (See Separate Breakdown in this Section)	

FIGURE 5-63. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 15.5/80-24 - 16PR)

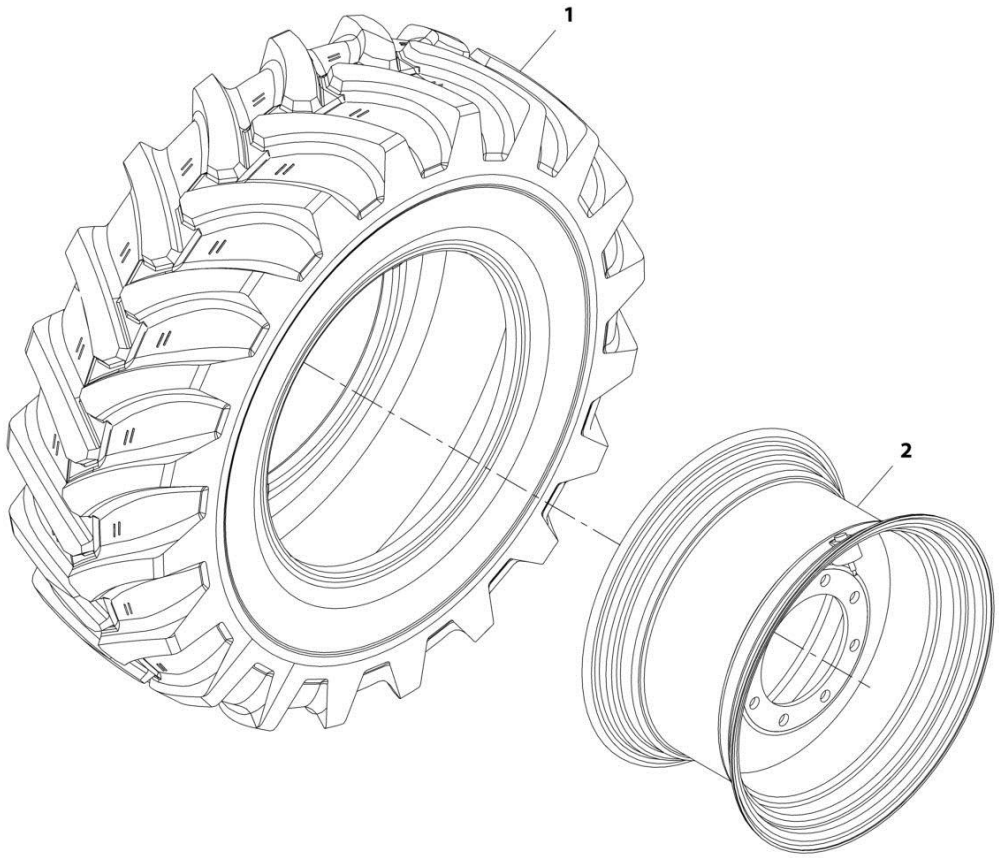


ART_1001216667-A

FIGURE 5-63. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 15.5/80-24 - 16PR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216667	Ref	Right Tire/Wheel Assembly (Air - 15.5/80-24 - 16PR)	A
1	1001214479	1	Tire, 15.5/80-24 16 PLY	
2	1001216661	1	Wheel, RH Rim	

FIGURE 5-64. LEFT TIRE/WHEEL ASSEMBLY (AIR - 15.5/80-24 - 16PR)



ART_1001216664-A

FIGURE 5-64. LEFT TIRE/WHEEL ASSEMBLY (AIR - 15.5/80-24 - 16PR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216664	Ref	Left Tire/Wheel Assembly (Air - 15.5/80-24 - 16PR)	A
1	1001214479	1	Tire, 15.5/80-24 16 PLY	
2	1001216658	1	Wheel, LH Rim	

FIGURE 5-65. TIRE/WHEEL SET (AIR - 15.5 R25 XHA TL)

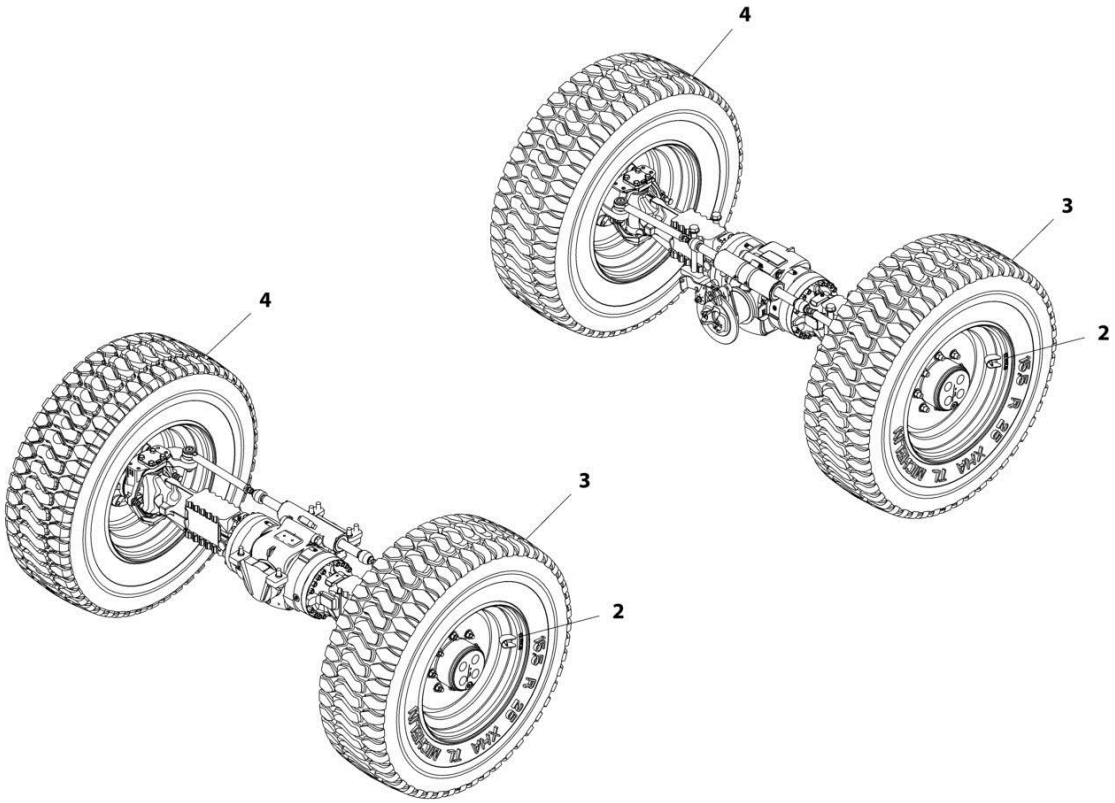


FIGURE 5-65. TIRE/WHEEL SET (AIR - 15.5 R25 XHA TL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178300	1	Tire/Wheel Set (Air - 15.5 R25 XHA TL)	B
2	1001112924	1	Decal	
3	1001178298	2	Assembly, Right Tire/Wheel (Air - 15.5 R25) (See Separate Breakdown in this Section)	
4	1001178299	2	Assembly, Left Tire/Wheel (Air - 15.5 R25) (See Separate Breakdown in this Section)	

FIGURE 5-66. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 15.5 R25)

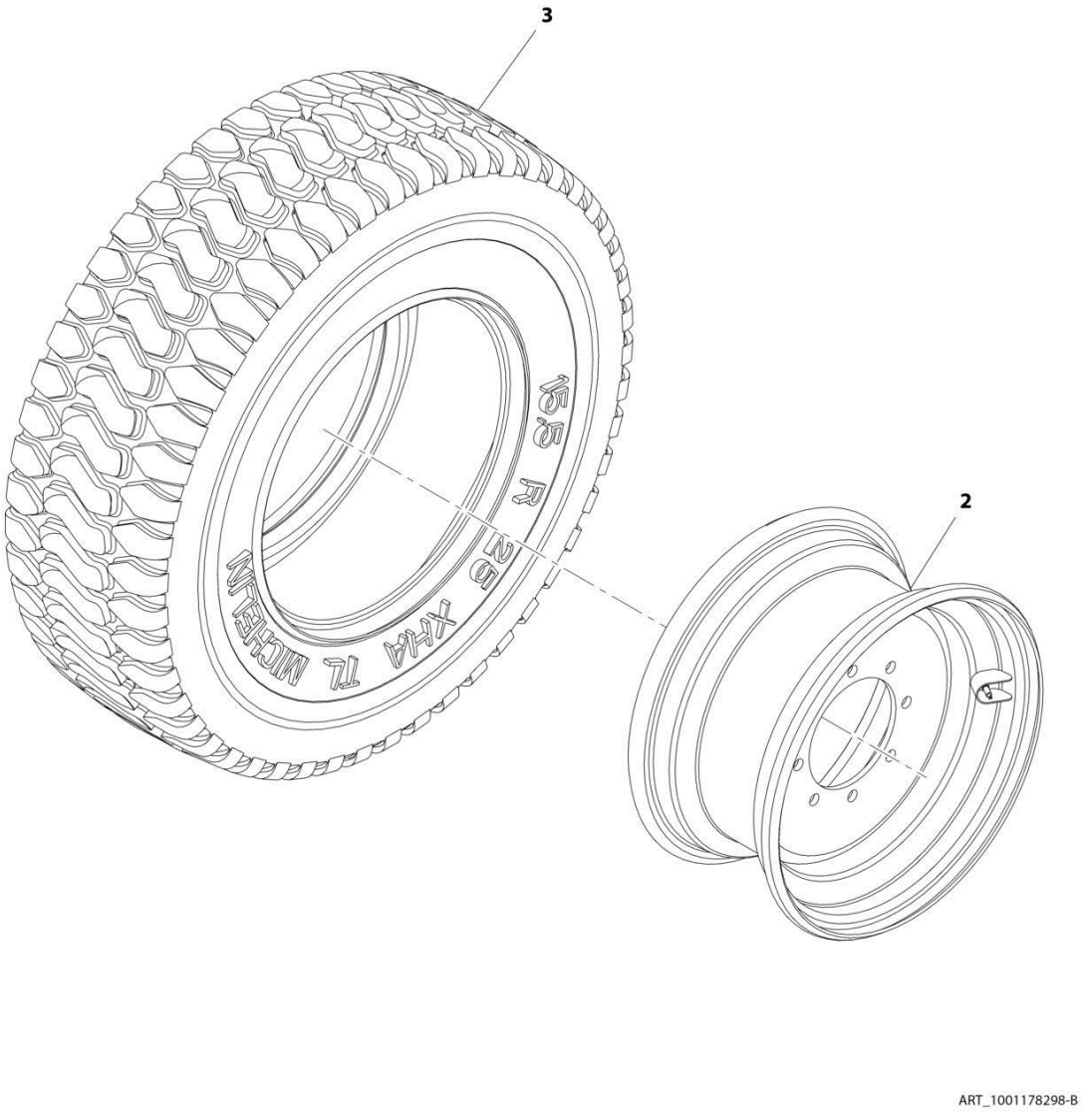


FIGURE 5-66. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 15.5 R25)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178298	Ref	Right Tire/Wheel Assembly (Air - 15.5 R25)	B
2	1001212602	1	Wheel, RH Rim	
3	1001172807	1	Tire, 15.5 R 25 XHA TL	

FIGURE 5-67. LEFT TIRE/WHEEL ASSEMBLY (AIR - 15.5 R25)

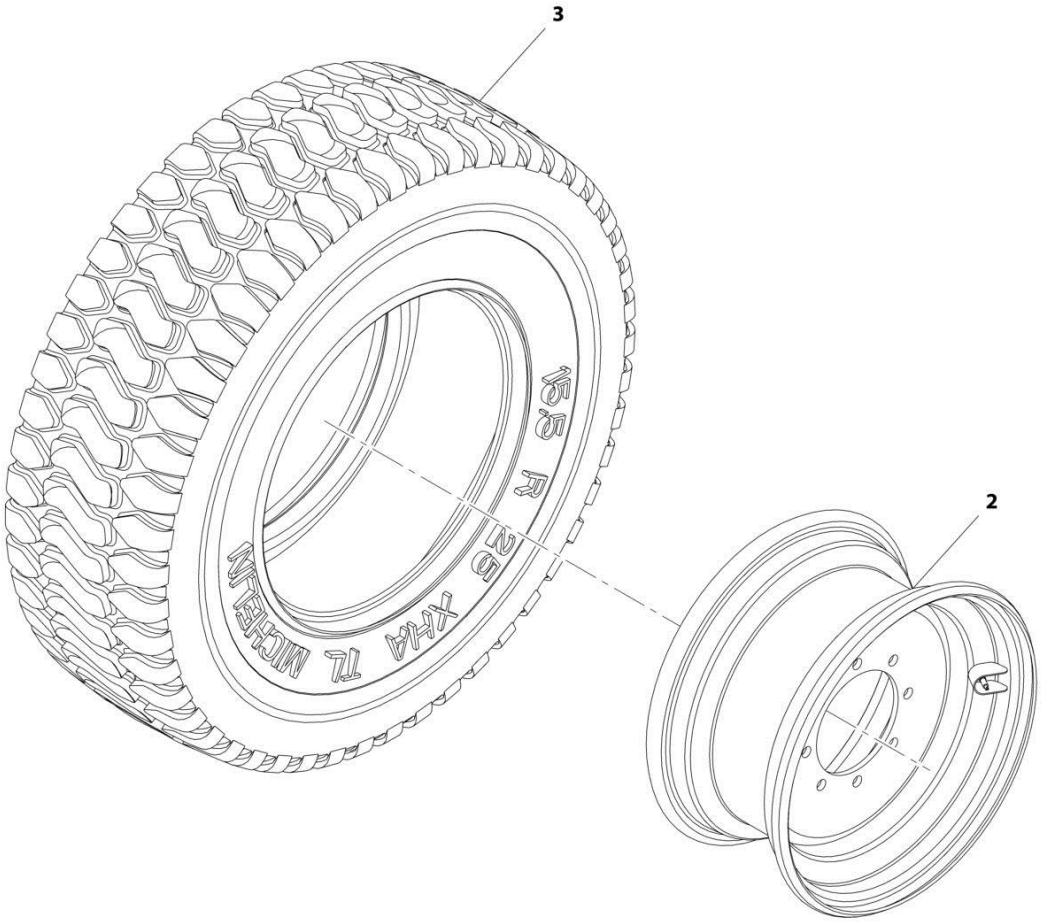
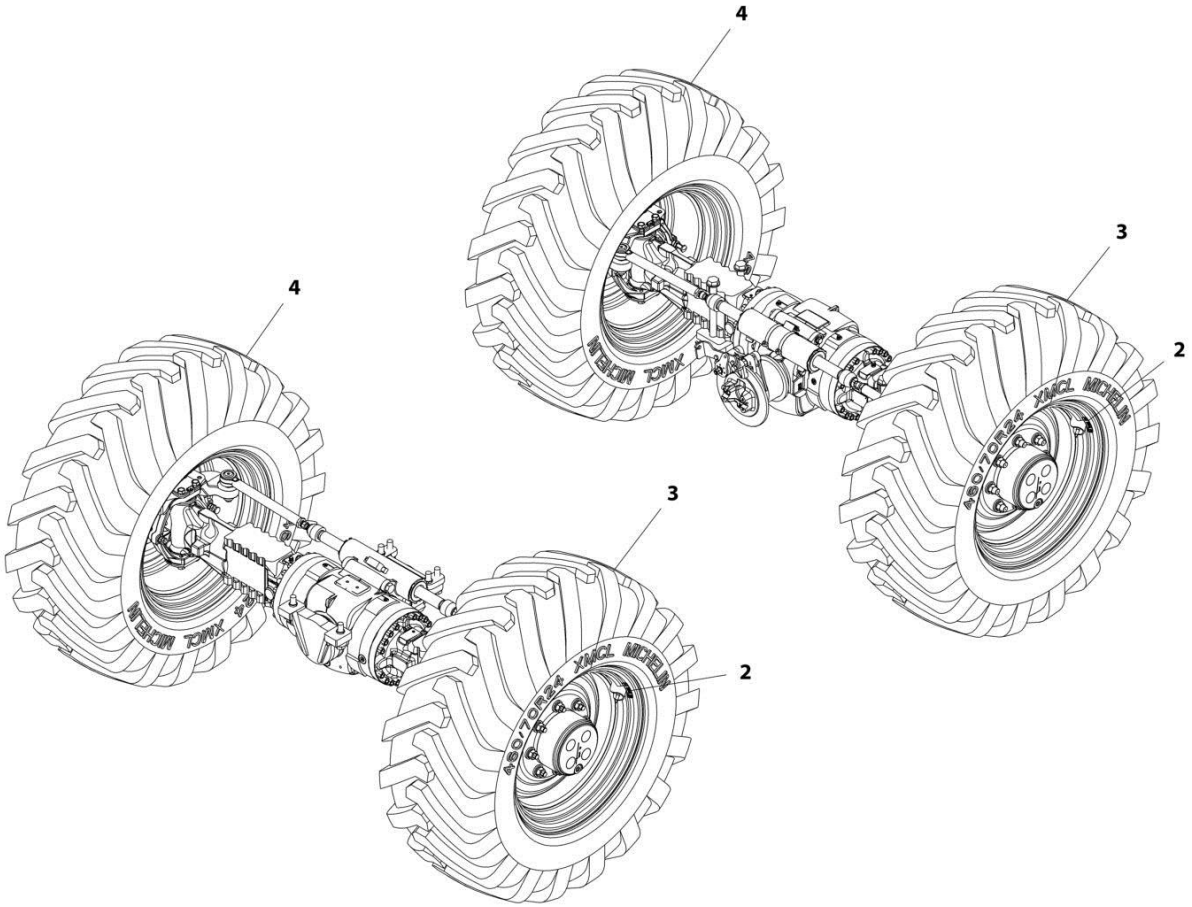


FIGURE 5-67. LEFT TIRE/WHEEL ASSEMBLY (AIR - 15.5 R25)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178299	Ref	Left Tire/Wheel Assembly (Air - 15.5 R25)	B
2	1001212603	1	Wheel, LH Rim	
3	1001172807	1	Tire, 15.5 R 25 XHA TL	

FIGURE 5-68. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)

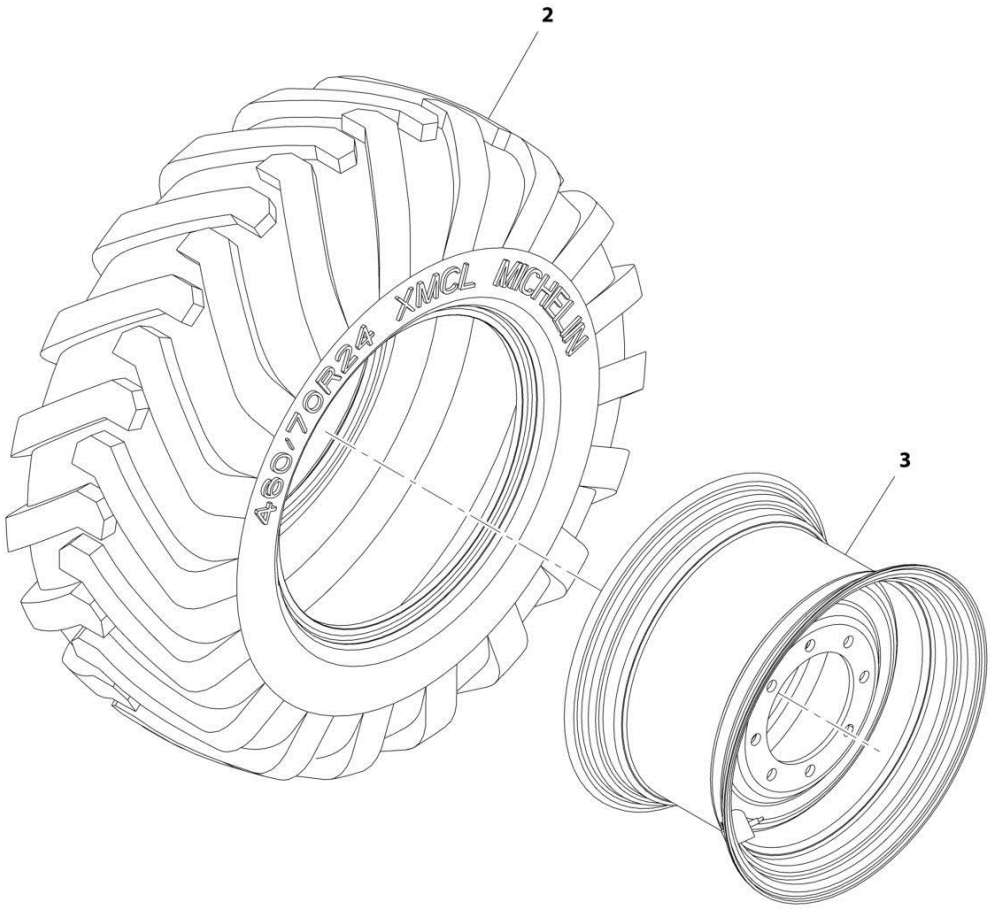


ART_1001142285-D

FIGURE 5-68. TIRE/WHEEL SET (AIR - 460/70 R24 XMCL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142285	1	Tire/Wheel Set (Air - 460/70 R24 XMCL)	D
2	8005827	4	Label	
3	1001142286	2	Assembly, Right Tire/Wheel (Air - 460/70 R24) (See Separate Breakdown in this Section)	
4	1001142287	2	Assembly, Left Tire/Wheel (Air - 460/70 R24) (See Separate Breakdown in this Section)	

FIGURE 5-69. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)



ART_1001142286-C

FIGURE 5-69. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142286	Ref	Right Tire/Wheel Assembly (Air - 460/70 R24)	C
2	1001092008	1	Tire, 460/70 R 24 XMCL	
3	1001212590	1	Wheel, RH Rim	

FIGURE 5-70. LEFT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)

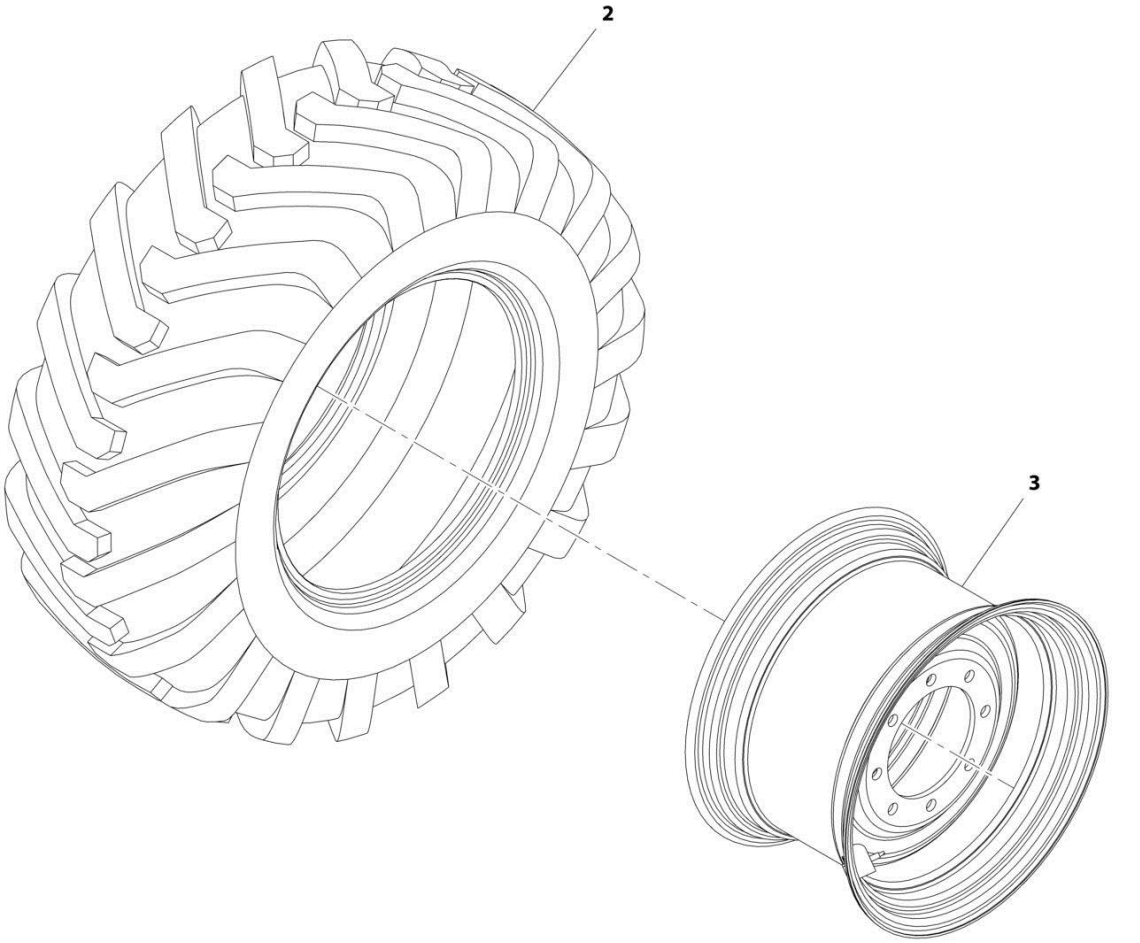


FIGURE 5-70. LEFT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142287	Ref	Left Tire/Wheel Assembly (Air - 460/70 R24)	C
2	1001092008	1	Tire, 460/70 R 24 XMCL	
3	1001212591	1	Wheel, LH Rim	

FIGURE 5-71. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)

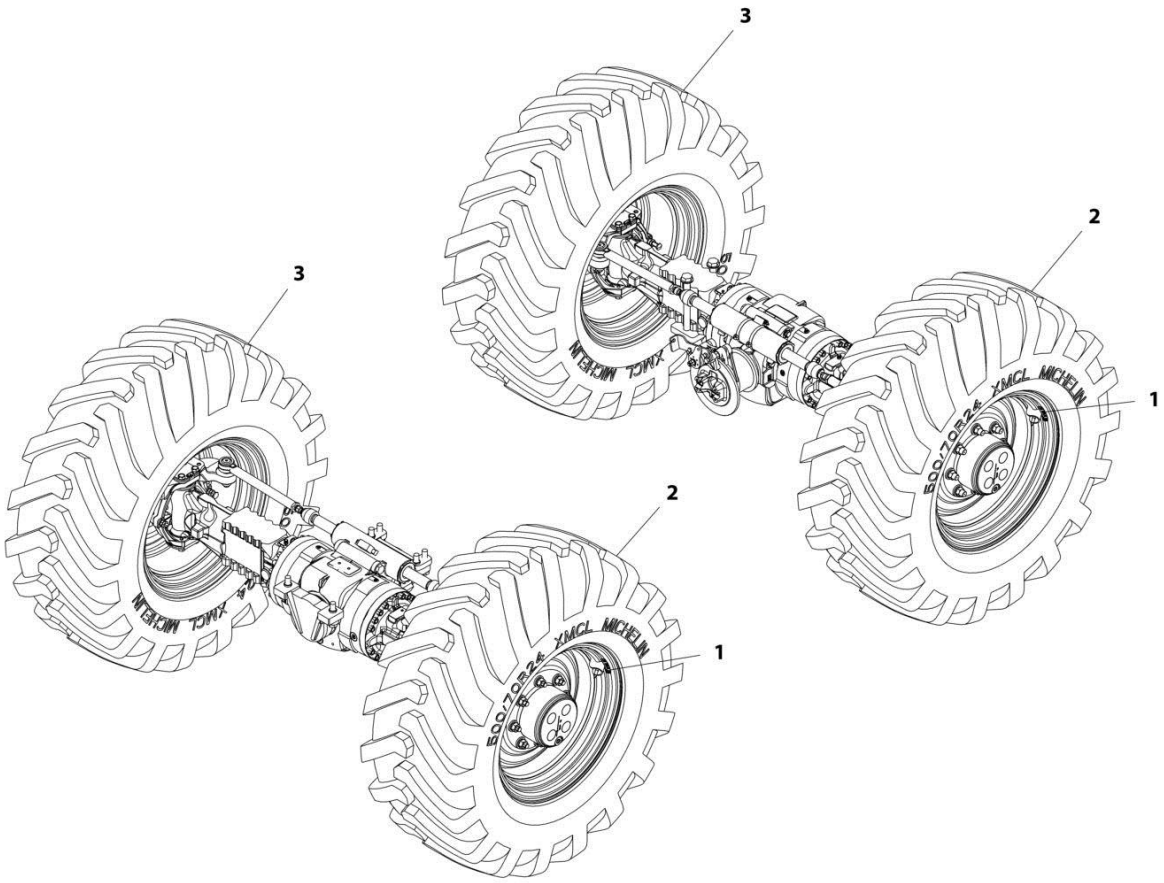


FIGURE 5-71. TIRE/WHEEL SET (AIR - 500/70 R24 XMCL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142288	1	Tire/Wheel Set (Air - 500/70 R24 XMCL)	D
1	1001127728	4	Decal	
2	1001142289	2	Assembly, Right Tire/Wheel (Air - 500/70 R24) (See Separate Breakdown in this Section)	
3	1001142290	2	Assembly, Left Tire/Wheel (Air - 500/70 R24) (See Separate Breakdown in this Section)	

FIGURE 5-72. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

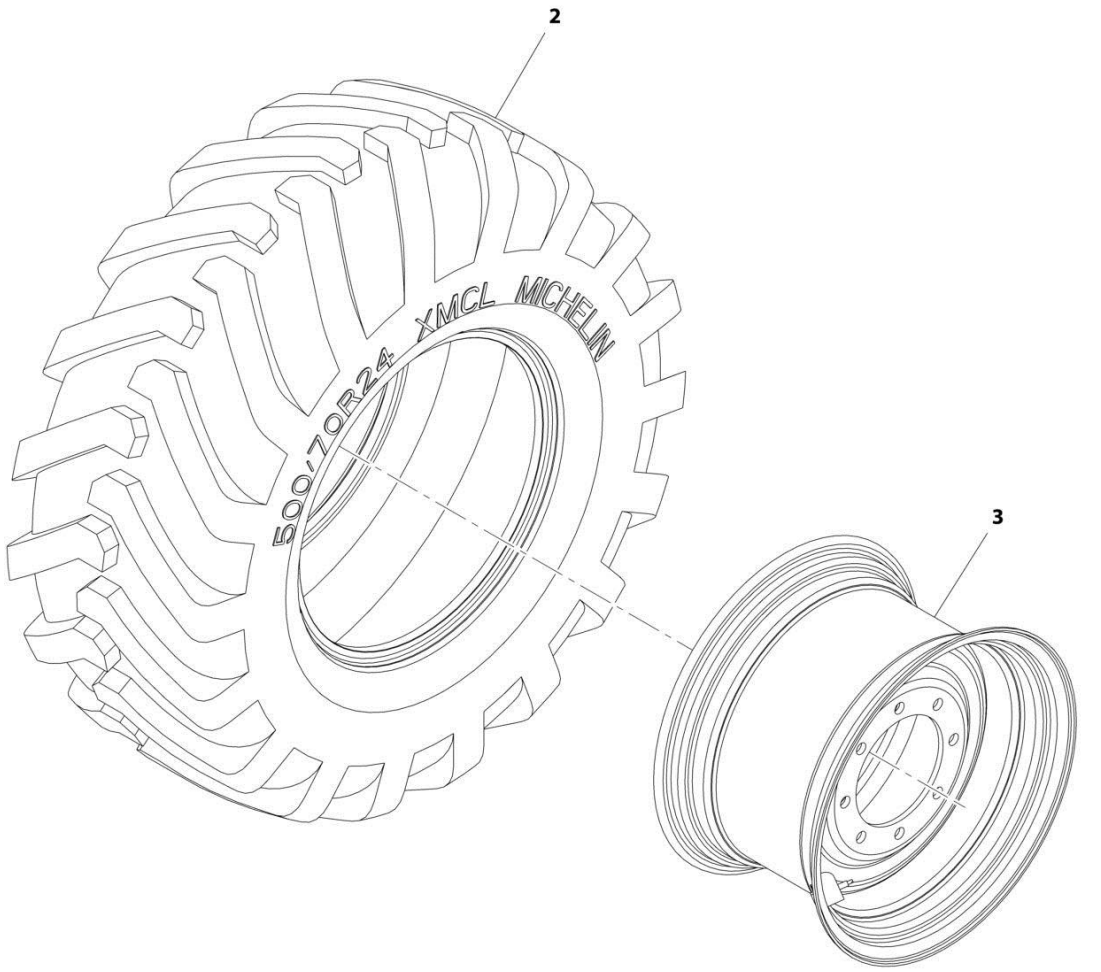


FIGURE 5-72. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142289	Ref	Right Tire/Wheel Assembly (Air - 500/70 R24)	B
2	1001092009	1	Tire, 500/70 R 24 XMCL	
3	1001212598	1	Wheel, RH Rim	

FIGURE 5-73. LEFT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

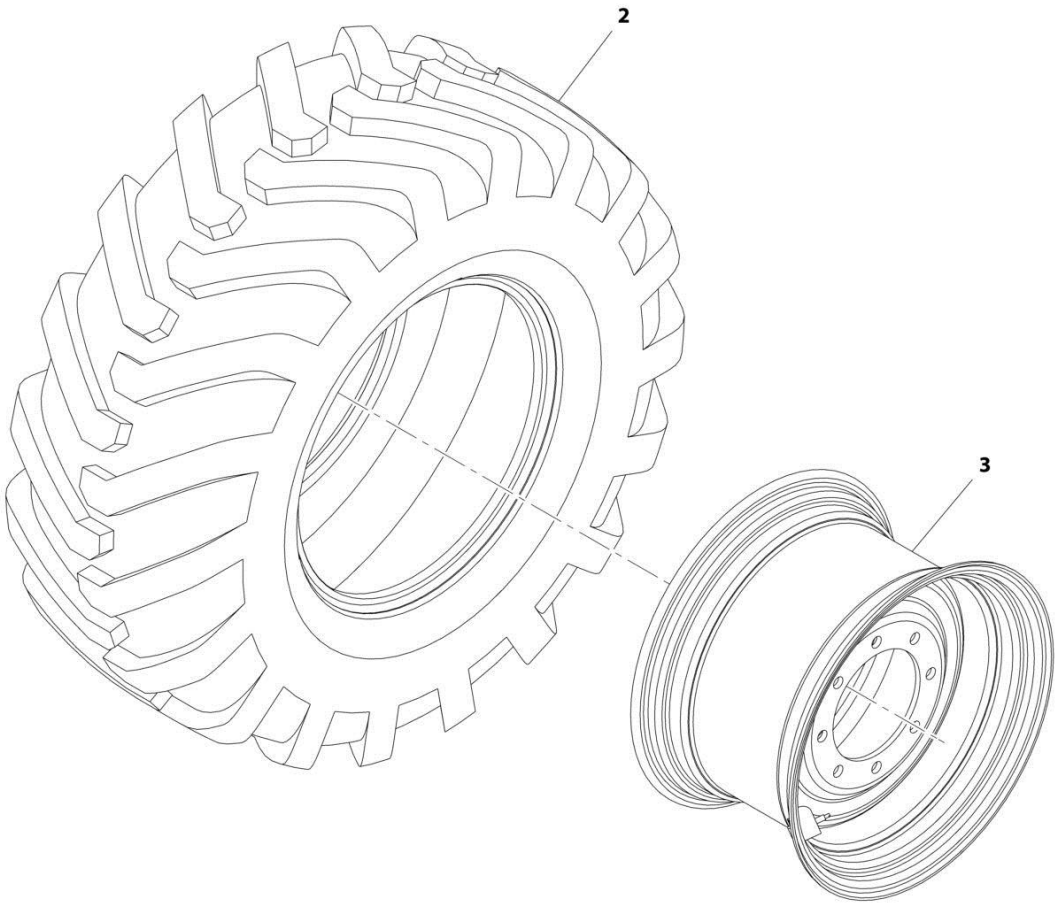


FIGURE 5-73. LEFT TIRE/WHEEL ASSEMBLY (AIR - 500/70 R24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142290	Ref	Left Tire/Wheel Assembly (Air - 500/70 R24)	B
2	1001092009	1	Tire, 500/70 R 24 XMCL	
3	1001212599	1	Wheel, LH Rim	

FIGURE 5-74. TIRE/WHEEL SET (AIR - 440/80-24 POWER CL)

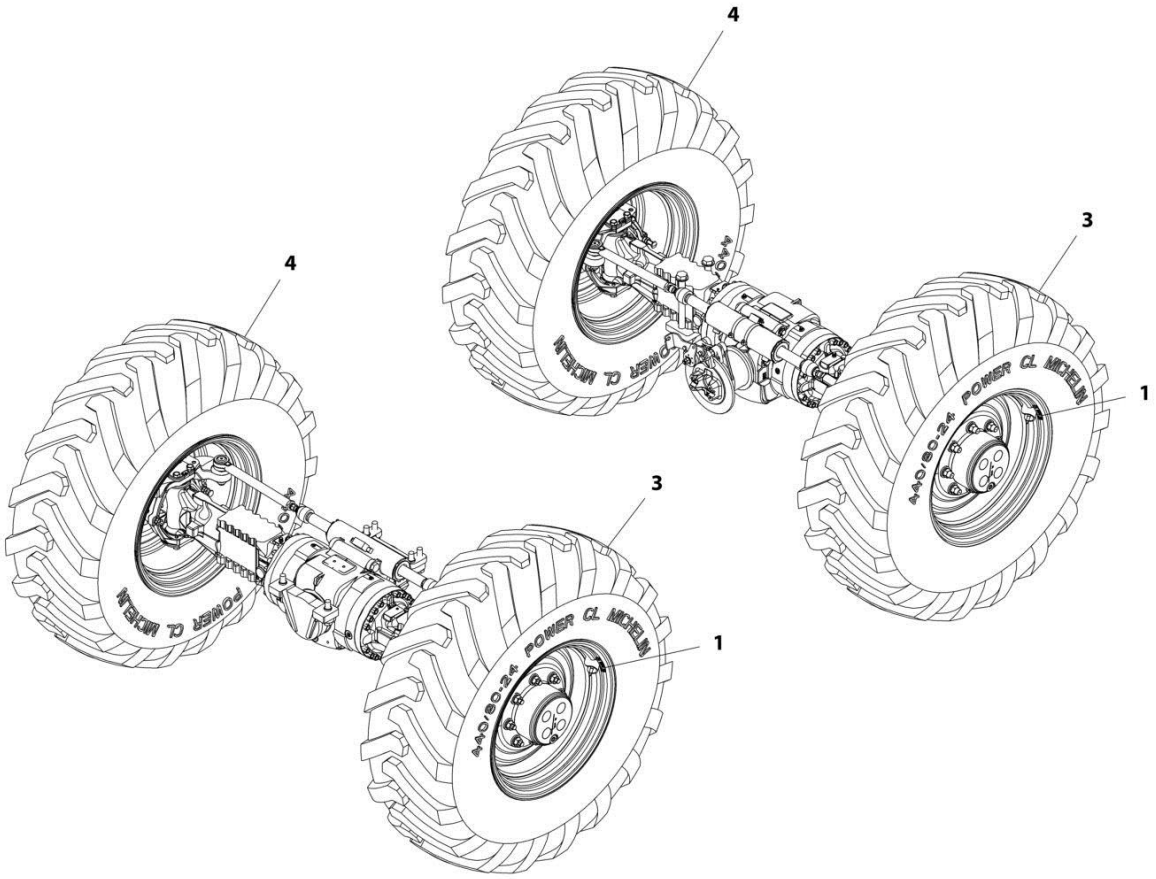


FIGURE 5-74. TIRE/WHEEL SET (AIR - 440/80-24 POWER CL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142291	1	Tire/Wheel Set (Air - 440/80-24 Power CL)	C
1	8005825	4	Label	
3	1001142292	2	Assembly, Right Tire/Wheel (Air - 440/80-24) (See Separate Breakdown in this Section)	
4	1001142293	2	Assembly, Left Tire/Wheel (Air - 440/80-24) (See Separate Breakdown in this Section)	

FIGURE 5-75. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 440/80-24)

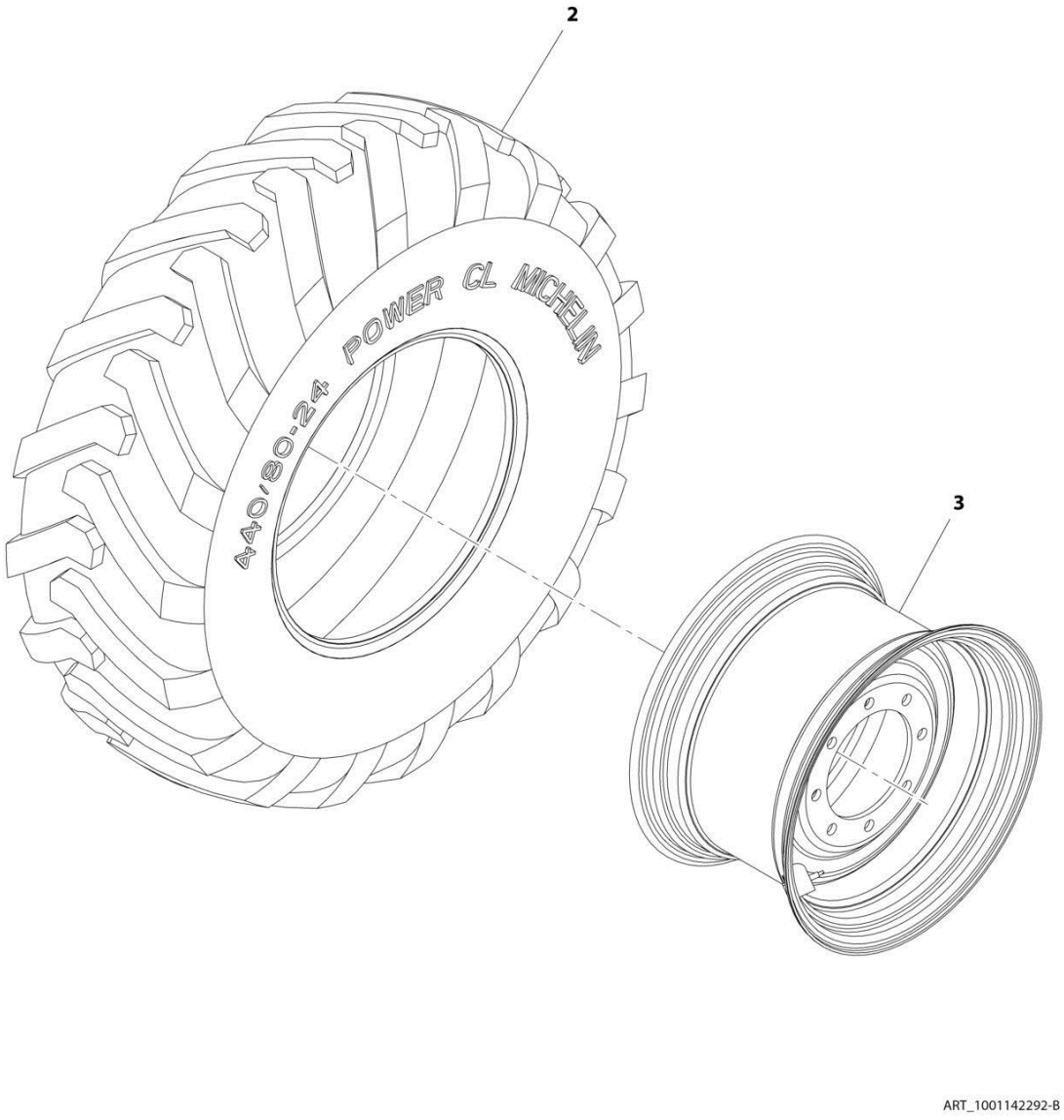


FIGURE 5-75. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 440/80-24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142292	Ref	Right Tire/Wheel Assembly (Air - 440/80-24)	B
2	1001100651	1	Tire, 440/80-24 Power CL	
3	1001212600	1	Wheel, RH Rim	

FIGURE 5-76. LEFT TIRE/WHEEL ASSEMBLY (AIR - 440/80-24)

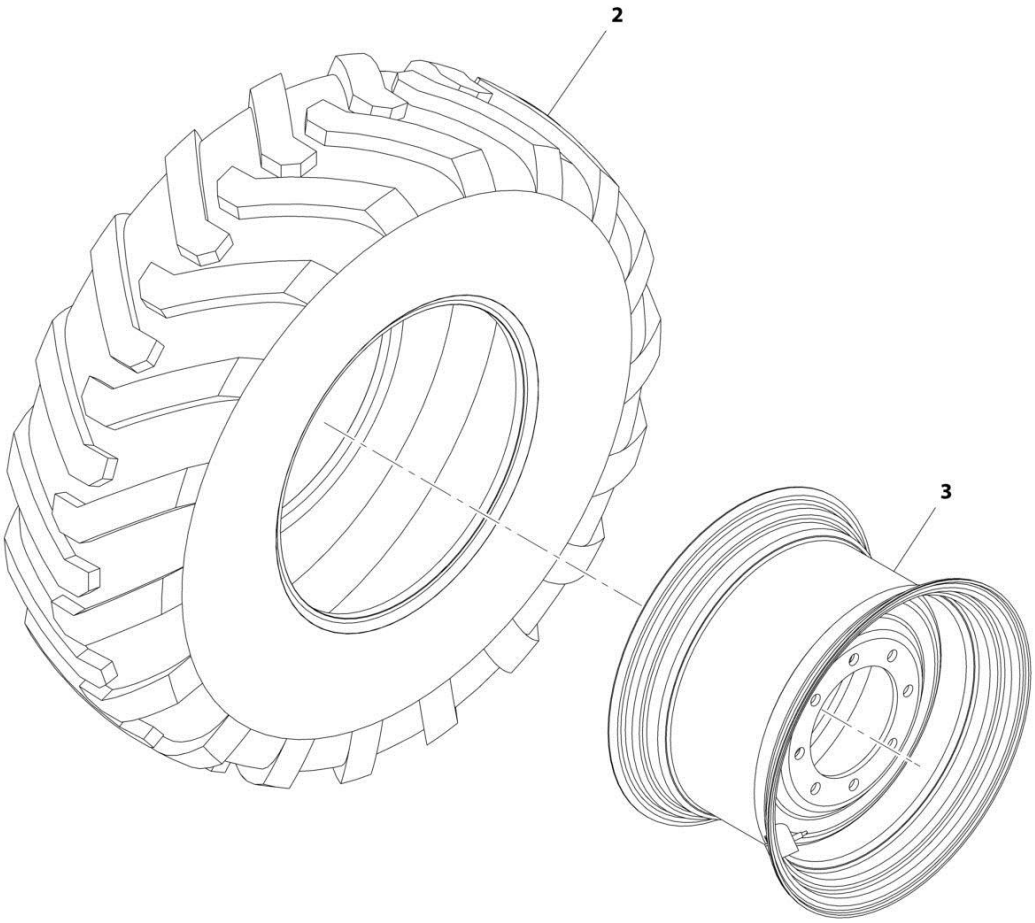
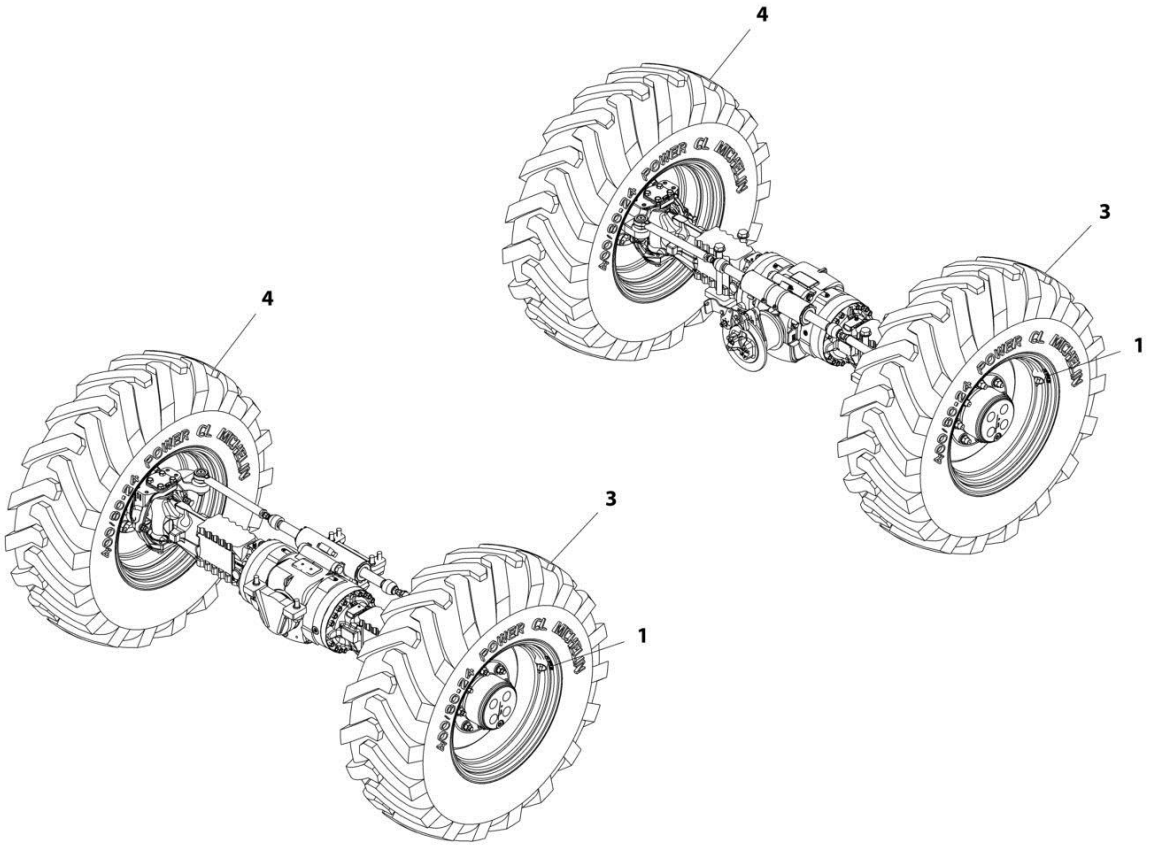


FIGURE 5-76. LEFT TIRE/WHEEL ASSEMBLY (AIR - 440/80-24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142293	Ref	Left Tire/Wheel Assembly (Air - 440/80-24)	B
2	1001100651	1	Tire, 440/80-24 Power CL	
3	1001212601	1	Wheel, LH Rim	

FIGURE 5-77. TIRE/WHEEL SET (AIR - 400/80-24 POWER CL)



ART_1001142315-C

FIGURE 5-77. TIRE/WHEEL SET (AIR - 400/80-24 POWER CL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142315	1	Tire/Wheel Set (Air - 400/80-24 Power CL)	C
1	8005827	4	Label	
3	1001142281	2	Assembly, Right Tire/Wheel (Air - 400/80-24) (See Separate Breakdown in this Section)	
4	1001142316	2	Assembly, Left Tire/Wheel (Air - 400/80-24) (See Separate Breakdown in this Section)	

FIGURE 5-78. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 400/80-24)

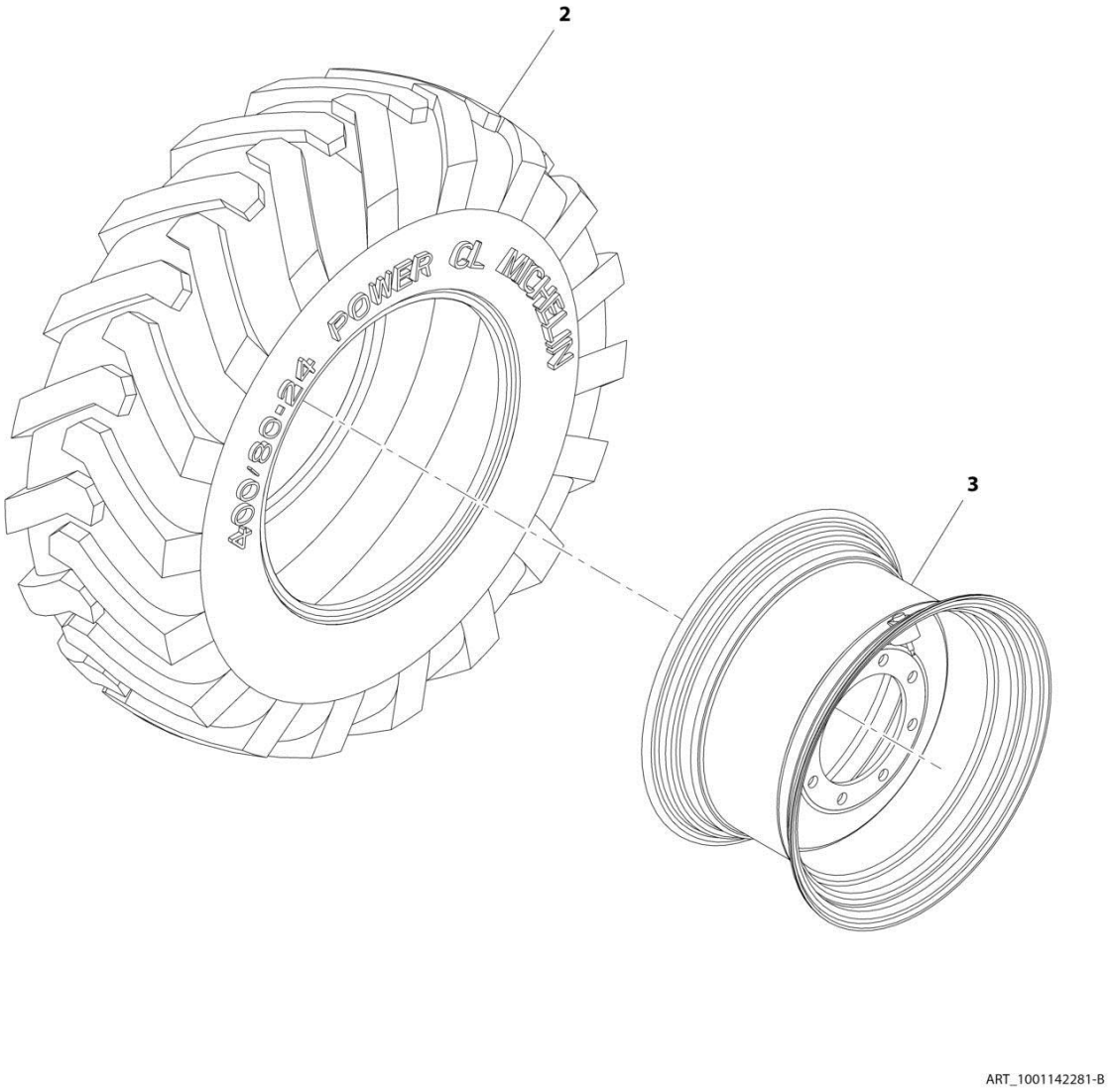


FIGURE 5-78. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 400/80-24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142281	Ref	Right Tire/Wheel Assembly (Air - 400/80-24)	B
2	1001099204	1	Tire, 400/80 - 24 Power CL	
3	1001212594	1	Wheel, RH Rim	

FIGURE 5-79. LEFT TIRE/WHEEL ASSEMBLY (AIR - 400/80-24)

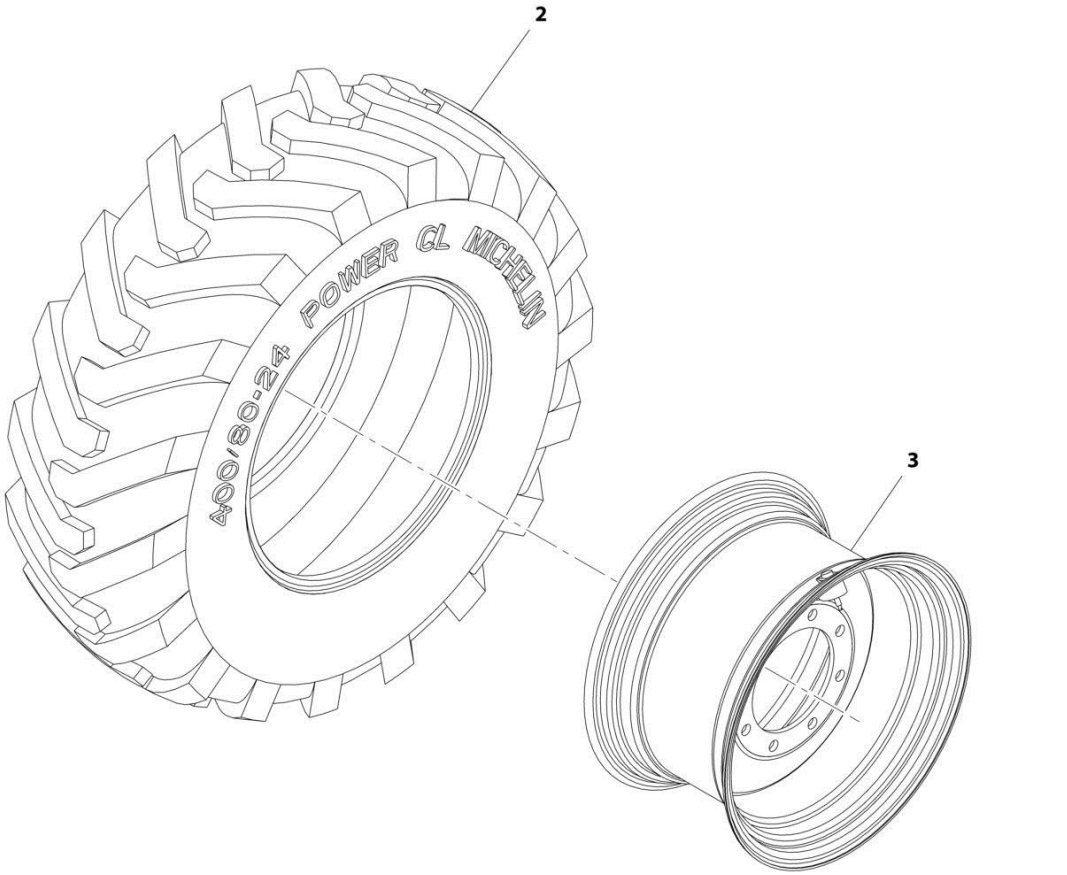
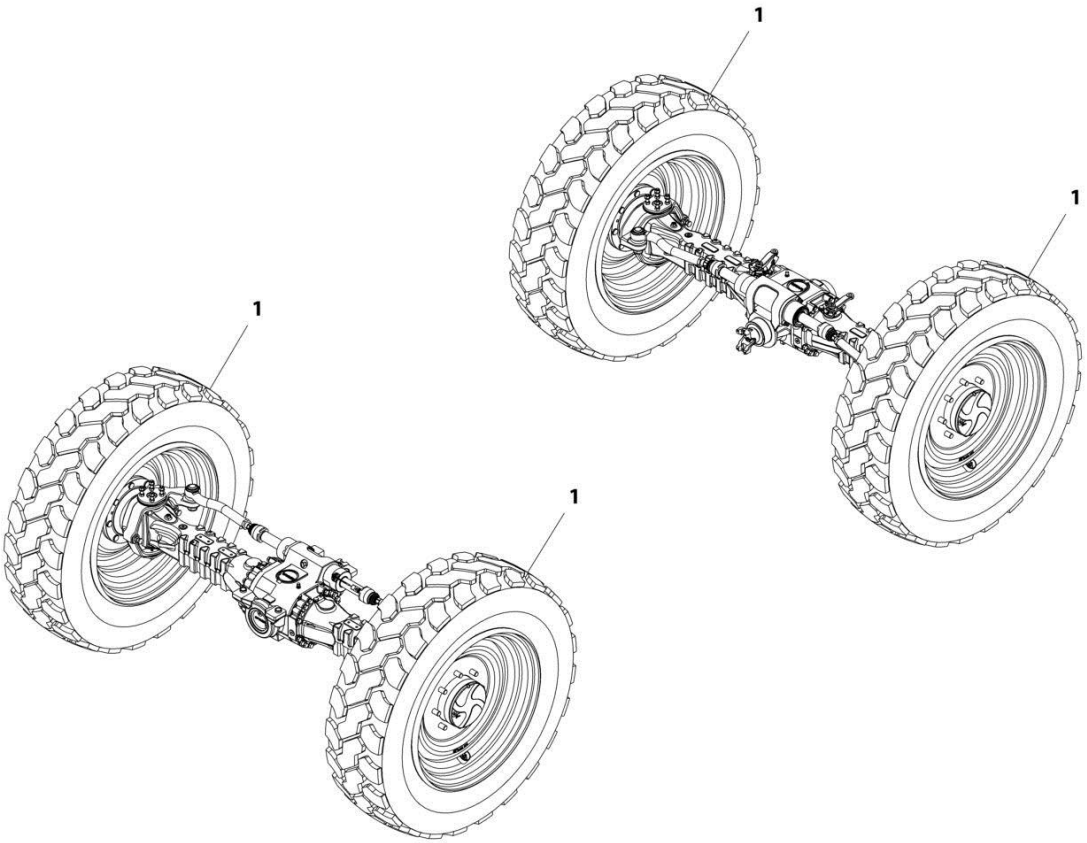


FIGURE 5-79. LEFT TIRE/WHEEL ASSEMBLY (AIR - 400/80-24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142316	Ref	Left Tire/Wheel Assembly (Air - 400/80-24)	B
2	1001099204	1	Tire, 400/80 - 24 Power CL	
3	1001212595	1	Wheel, LH Rim	

FIGURE 5-80. TIRE/WHEEL SET (AIR - 370/75-28)



ART_1001179719-A

FIGURE 5-80. TIRE/WHEEL SET (AIR - 370/75-28)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179719	1	Tire/Wheel Set (Air - 370/75-28)	A
1	1001196385	4	Assembly, Tire/Wheel (Air - 370/75-28 14PR) (See Separate Breakdown in this Section)	

FIGURE 5-81. TIRE/WHEEL ASSEMBLY (AIR - 370/75-28)

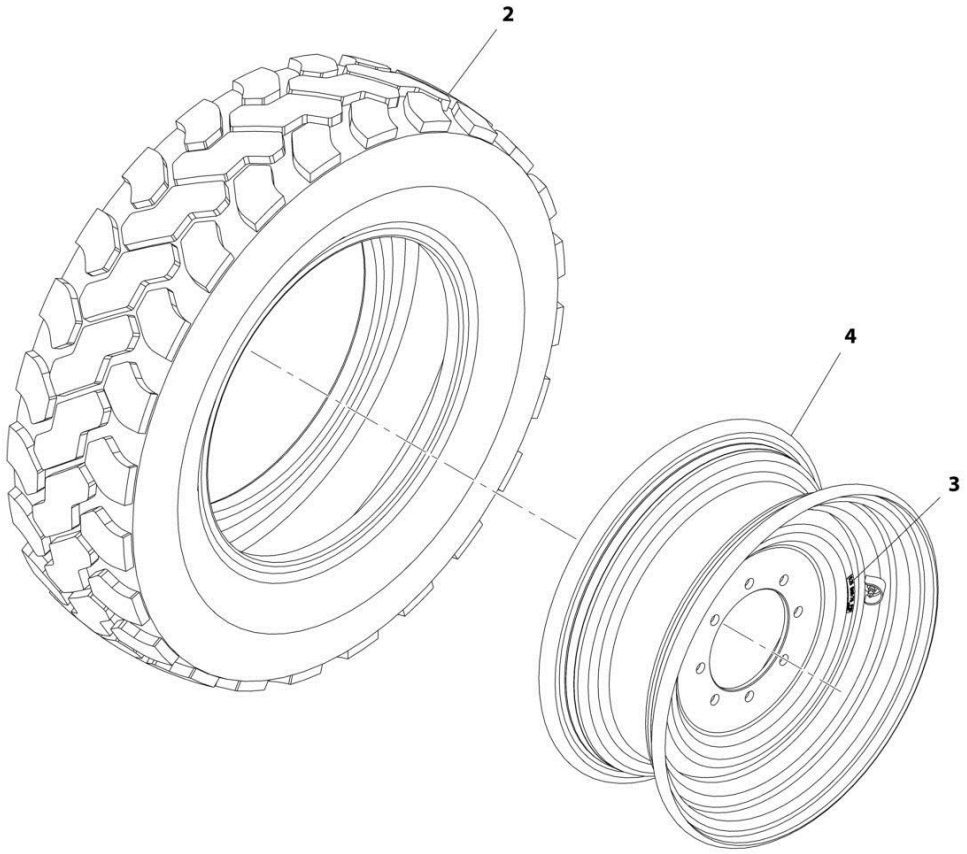


FIGURE 5-81. TIRE/WHEEL ASSEMBLY (AIR - 370/75-28)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196385	Ref	Tire/Wheel Assembly (Air - 370/75-28 14PR)	B
2	1001100284	1	Tire, 370/75-28	
3	1001112923	1	Decal	
4	1001219857	1	Wheel, Rim	

FIGURE 5-82. TIRE/WHEEL SET (FOAM - 13X24)

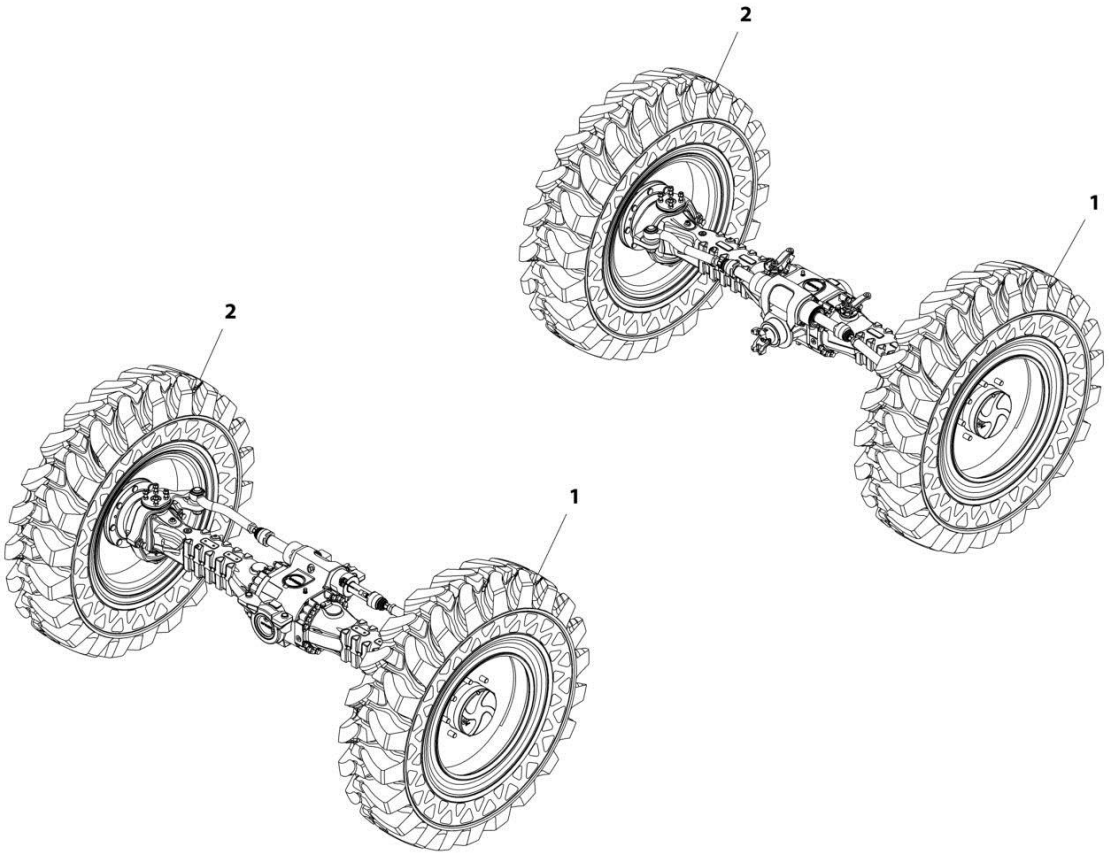
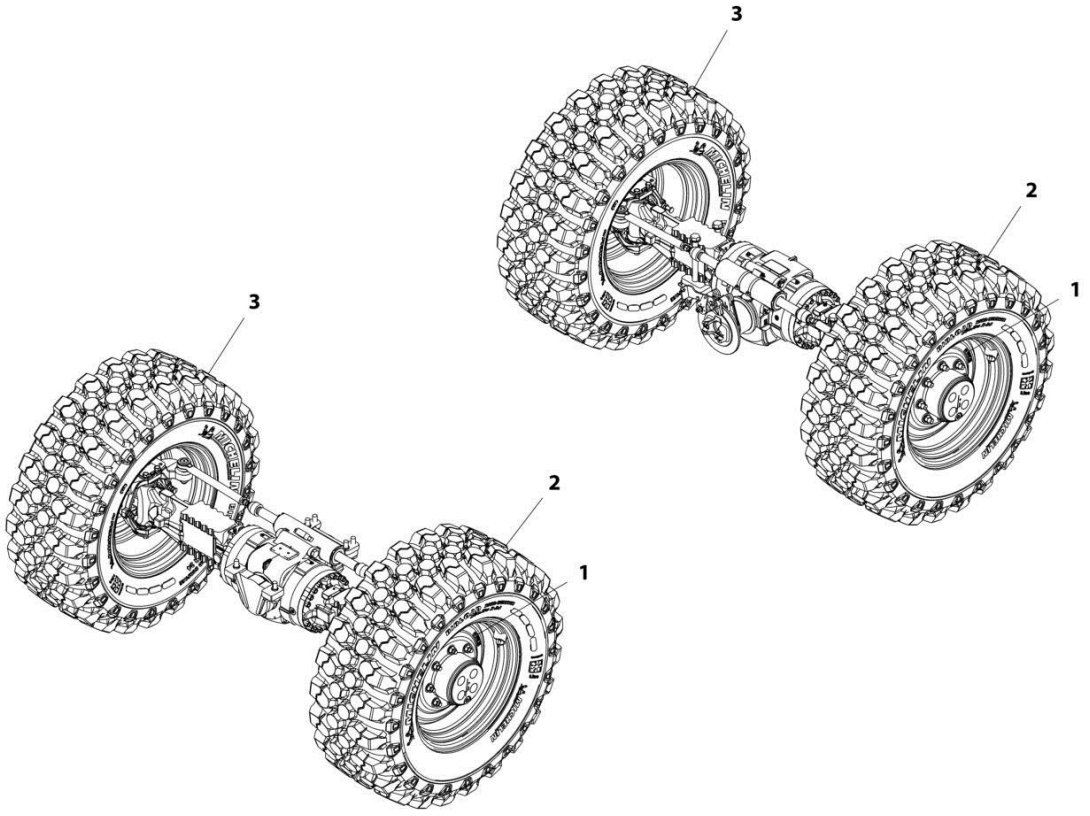


FIGURE 5-82. TIRE/WHEEL SET (FOAM - 13X24)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179720	1	Tire/Wheel Set (Foam - 13X24)	A
1	1001196448J	2	Wheel, RH 13X24 Solid	
2	1001196449J	2	Wheel, LH 13X24 Solid	

FIGURE 5-83. TIRE/WHEEL SET (AIR - 460/70 R24 - BIBLOAD)

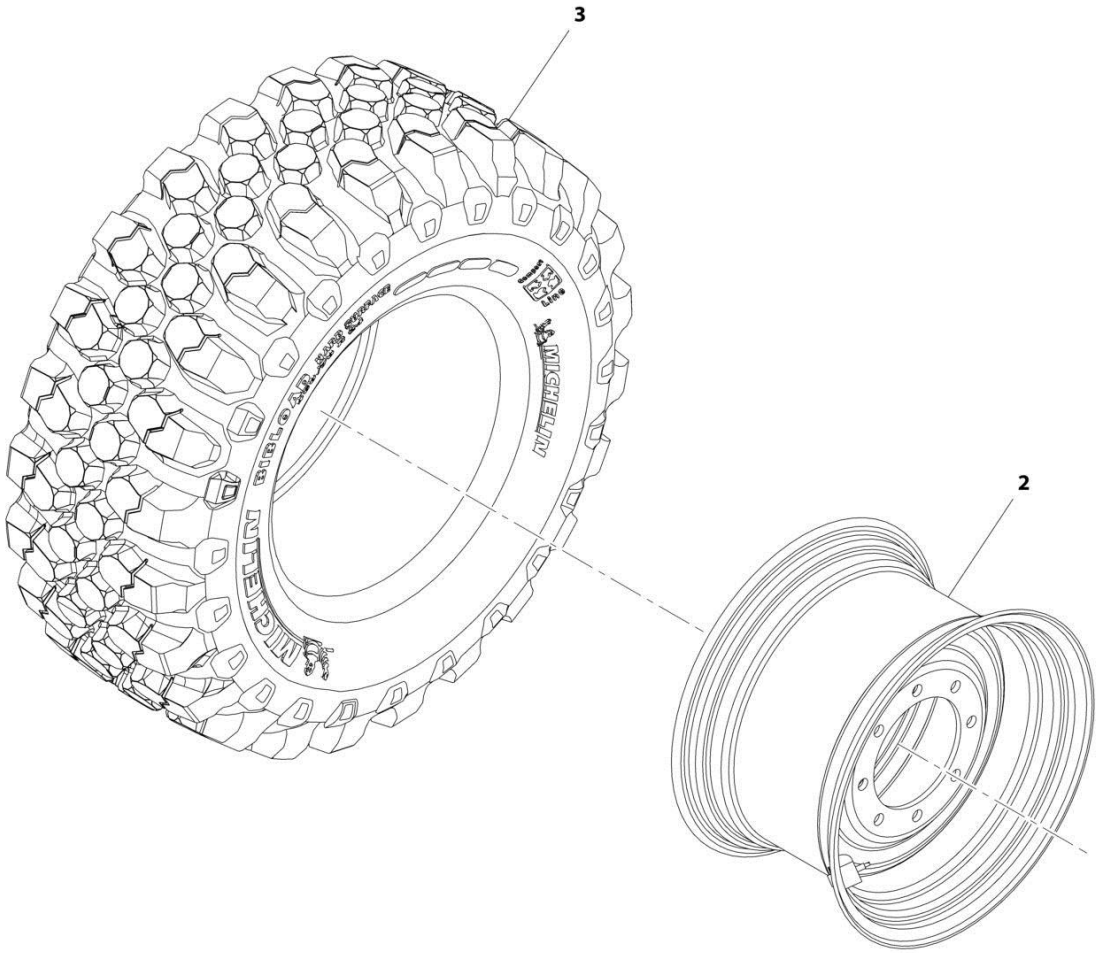


ART_1001200143-A

FIGURE 5-83. TIRE/WHEEL SET (AIR - 460/70 R24 - BIBLOAD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200143	1	Tire/Wheel Set (Air - 460/70 R24 - Bibload)	A
1	8005827	4	Label	
2	1001200141	2	Assembly, Right Tire/Wheel (Air - 460/70 R24 - Bibload) (See Separate Breakdown in this Section)	
3	1001200142	2	Assembly, Left Tire/Wheel (Air - 460/70 R24 - Bibload) (See Separate Breakdown in this Section)	

FIGURE 5-84. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24 - BIBLOAD)

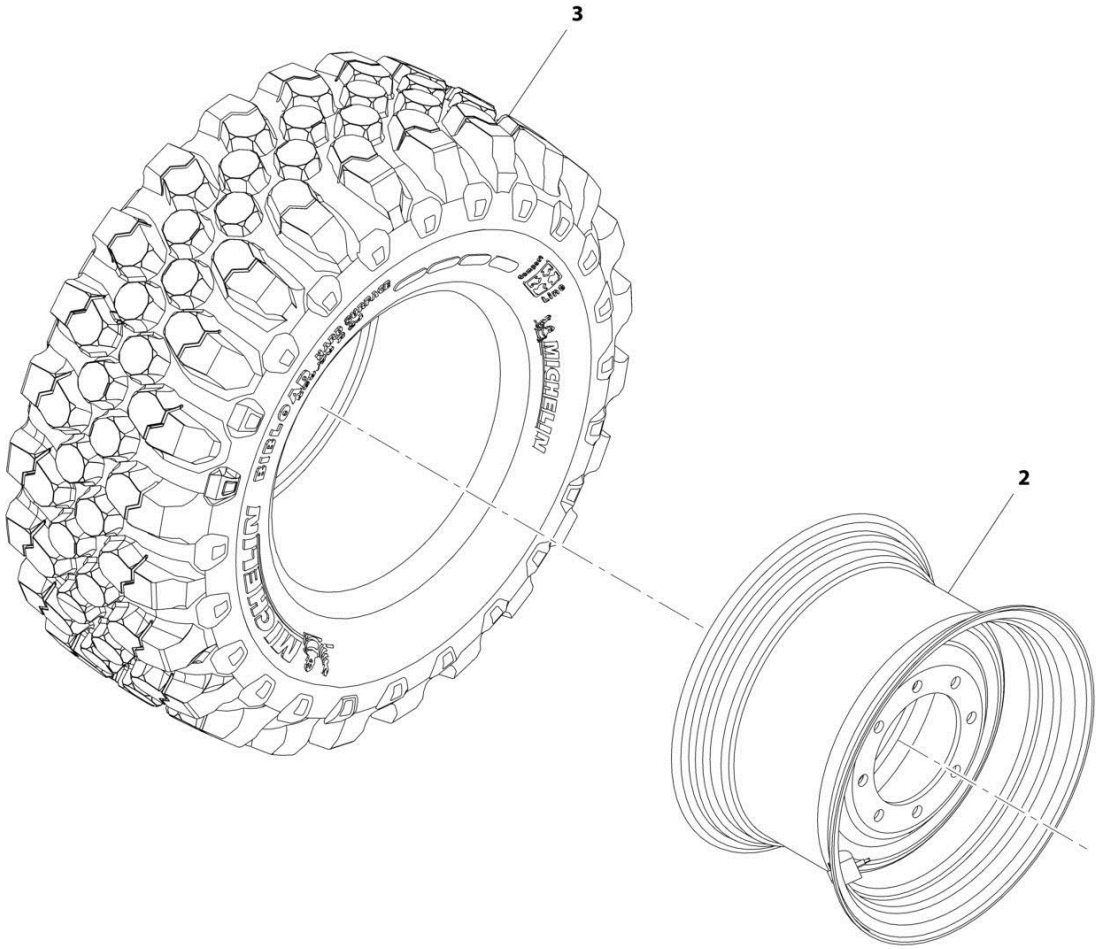


ART_1001200141-B

FIGURE 5-84. RIGHT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24 - BIBLOAD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200141	Ref	Right Tire/Wheel Assembly (Air - 460/70 R24 - Bibload)	B
2	1001212596	1	Wheel, RH Rim	
3	1001199390	1	Tire, 460/70 R24	

FIGURE 5-85. LEFT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24 - BIBLOAD)



ART_1001200142-B

FIGURE 5-85. LEFT TIRE/WHEEL ASSEMBLY (AIR - 460/70 R24 - BIBLOAD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200142	Ref	Left Tire/Wheel Assembly (Air - 460/70 R24 - Bibload)	B
2	1001212597	1	Wheel, LH Rim	
3	1001199390	1	Tire, 460/70 R24	

FIGURE 5-86. WHEEL CHOCK INSTALLATION

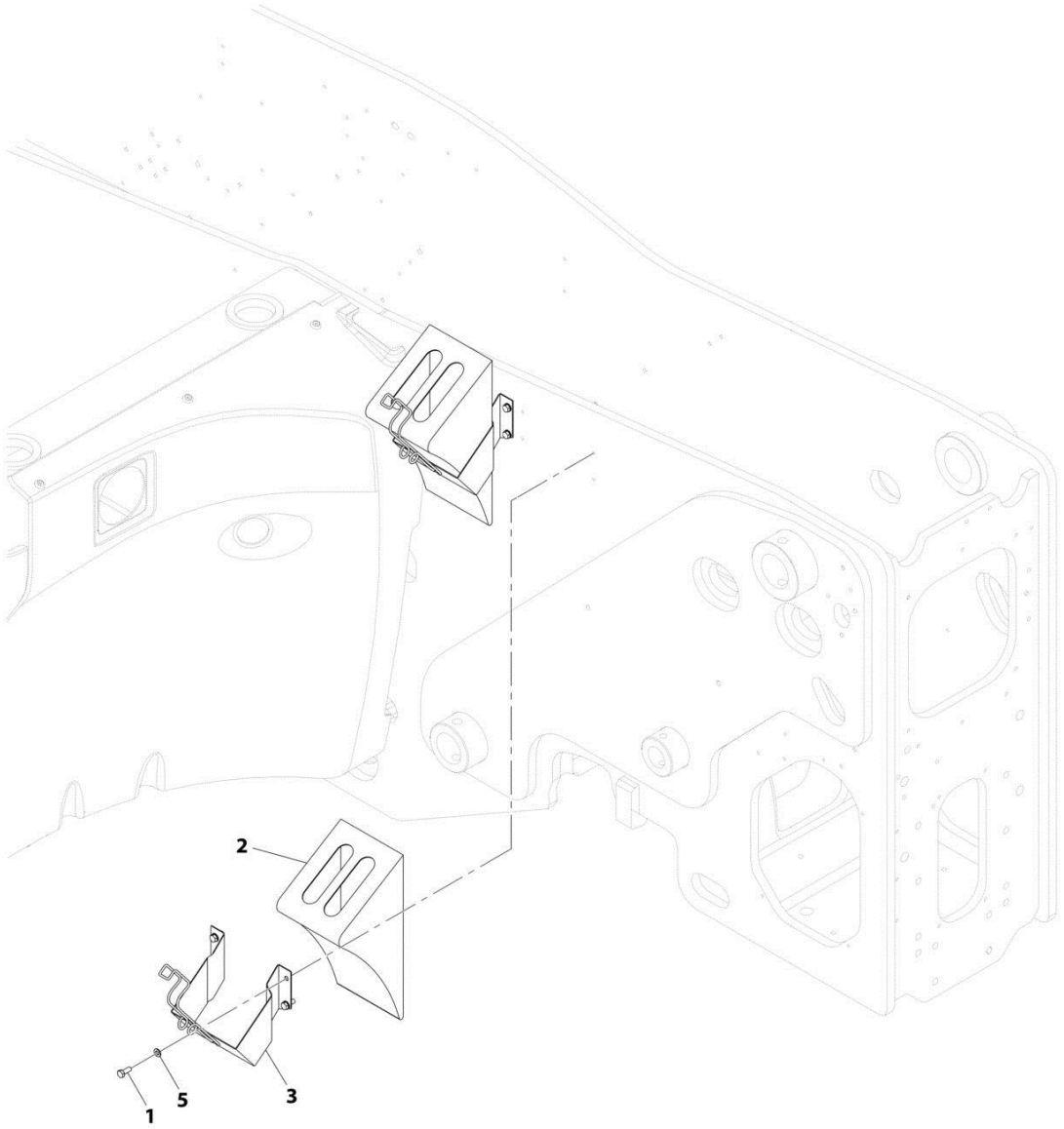


FIGURE 5-86. WHEEL CHOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180413	Ref	Wheel Chock Installation	C
1	0760810	8	Bolt, M8X20	
2	806253	2	Wedge	
3	806264	2	Holder, Wedge	
5	4811900	8	Washer, M8	

FIGURE 5-87. FENDER INSTALLATION (NO AIR - 460/70 R24 XMCL, AIR - 500/70 R24 XMCL, AIR - 440/80-24 POWER CL)

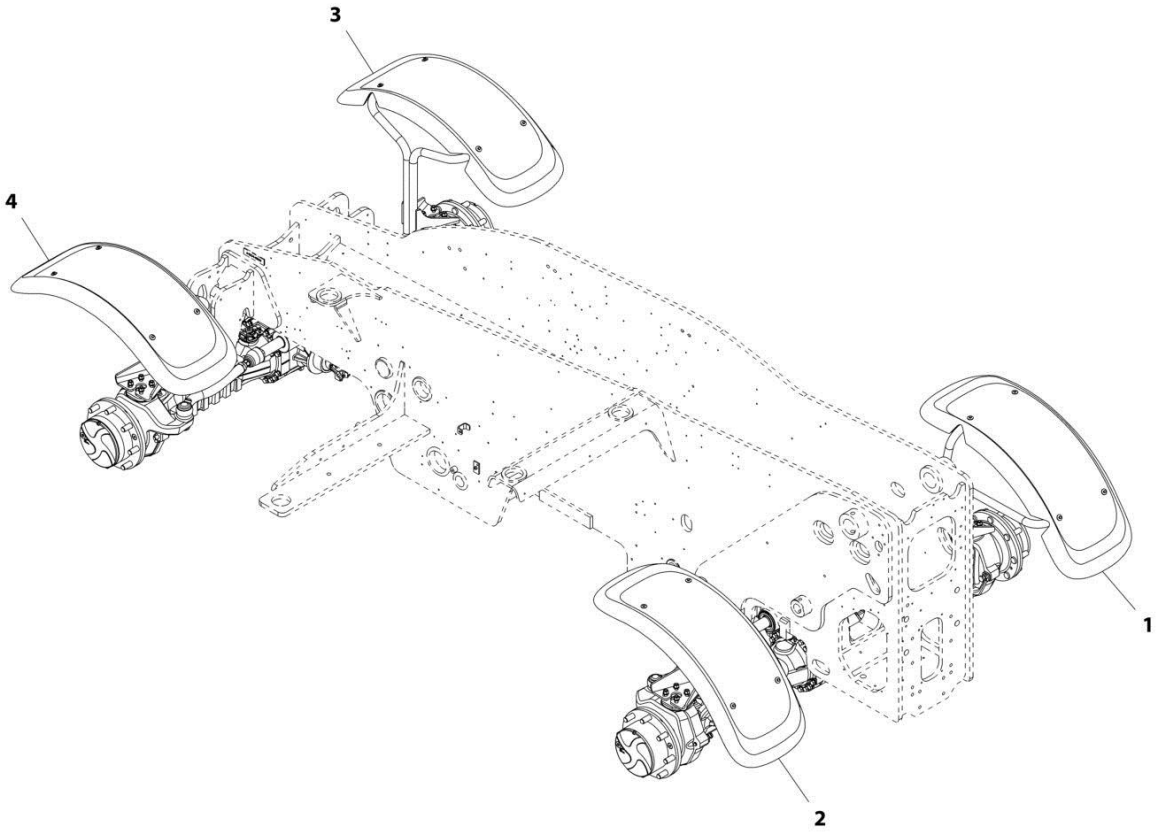


FIGURE 5-87. FENDER INSTALLATION (NO AIR - 460/70 R24 XMCL, AIR - 500/70 R24 XMCL, AIR - 440/80-24 POWER CL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176123	Ref	Fender Installation	C
1	1001176349	1	Assembly, Fender (See Separate Breakdown in this Section)	
2	1001176350	1	Assembly, Fender (See Separate Breakdown in this Section)	
3	1001176916	1	Assembly, Fender (See Separate Breakdown in this Section)	
4	1001176950	1	Assembly, Fender (See Separate Breakdown in this Section)	

FIGURE 5-88. FENDER INSTALLATION (AIR - 460/70 R24 XMCL, AIR - 500/70 R24 XMCL, AIR - 440/80-24 POWER CL)

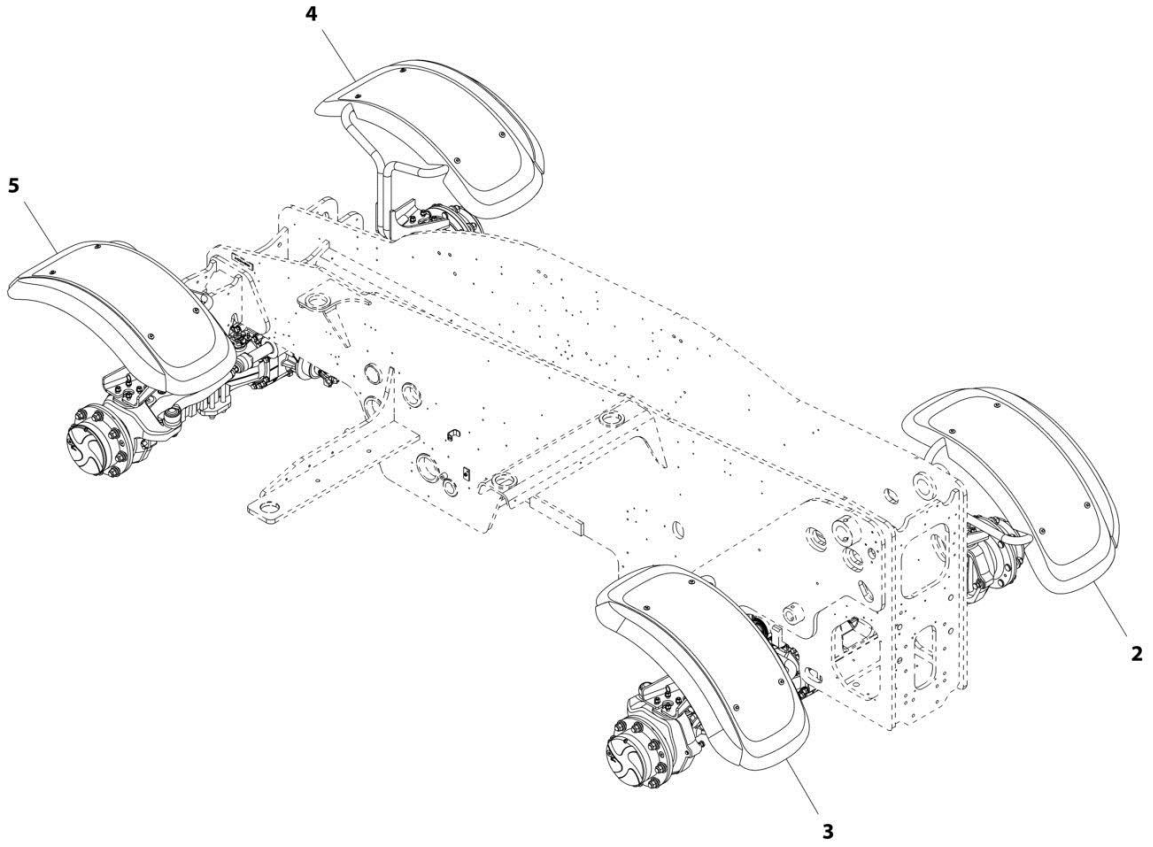


FIGURE 5-88. FENDER INSTALLATION (AIR - 460/70 R24 XMCL, AIR - 500/70 R24 XMCL, AIR - 440/80-24 POWER CL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176122	Ref	Fender Installation	C
2	1001176351	1	Assembly, Fender (See Separate Breakdown in this Section)	
3	1001176352	1	Assembly, Fender (See Separate Breakdown in this Section)	
4	1001176353	1	Assembly, Fender (See Separate Breakdown in this Section)	
5	1001176354	1	Assembly, Fender (See Separate Breakdown in this Section)	

FIGURE 5-89. FENDER ASSEMBLY

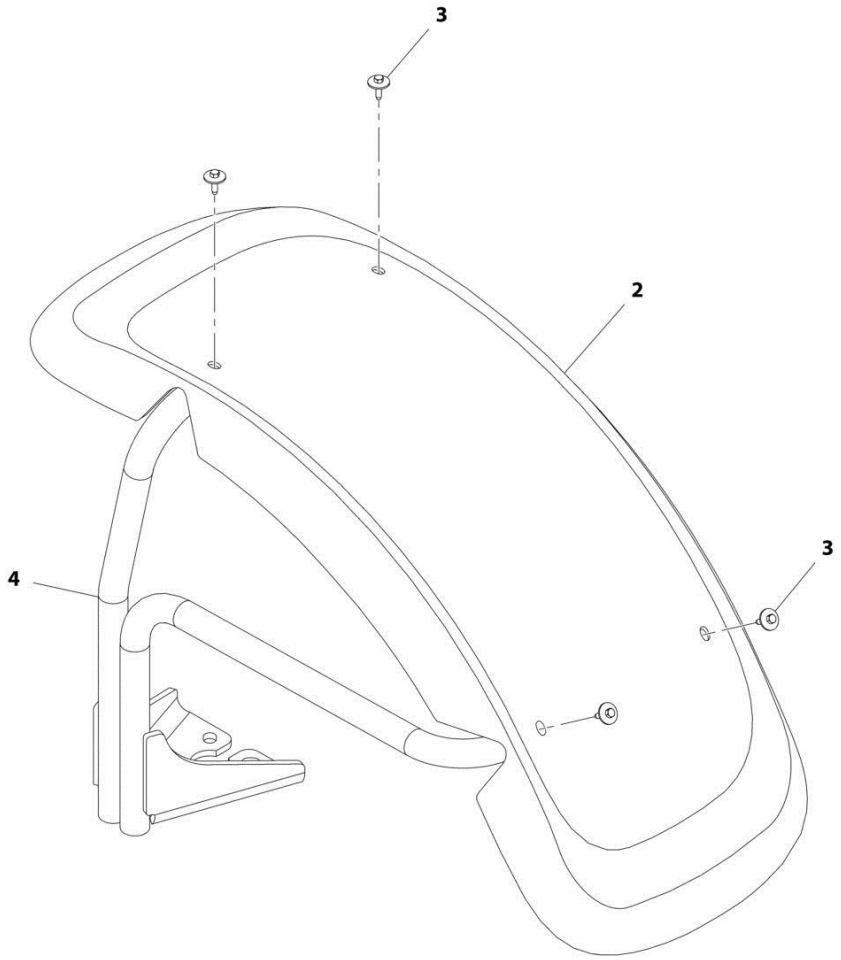


FIGURE 5-89. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176349	Ref	Fender Assembly (Standard)	B
2	1001168264	1	Fender, Plastic	
3	1001170697	4	Screw, Self-Tapping	
4	1001176129	1	Bracket, Fender	

FIGURE 5-90. FENDER ASSEMBLY

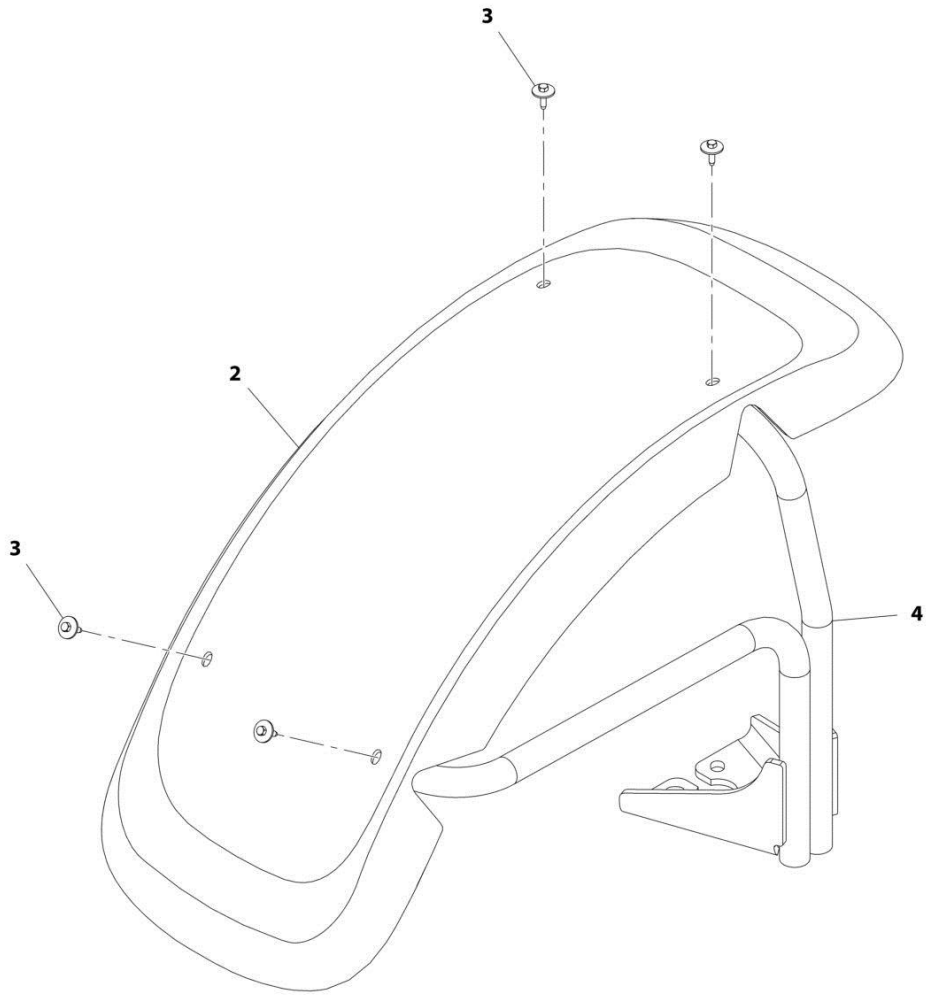


FIGURE 5-90. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176350	Ref	Fender Assembly (Standard)	B
2	1001168264	1	Fender, Plastic	
3	1001170697	4	Screw, Self-Tapping	
4	1001176130	1	Bracket, Fender	

FIGURE 5-91. FENDER ASSEMBLY

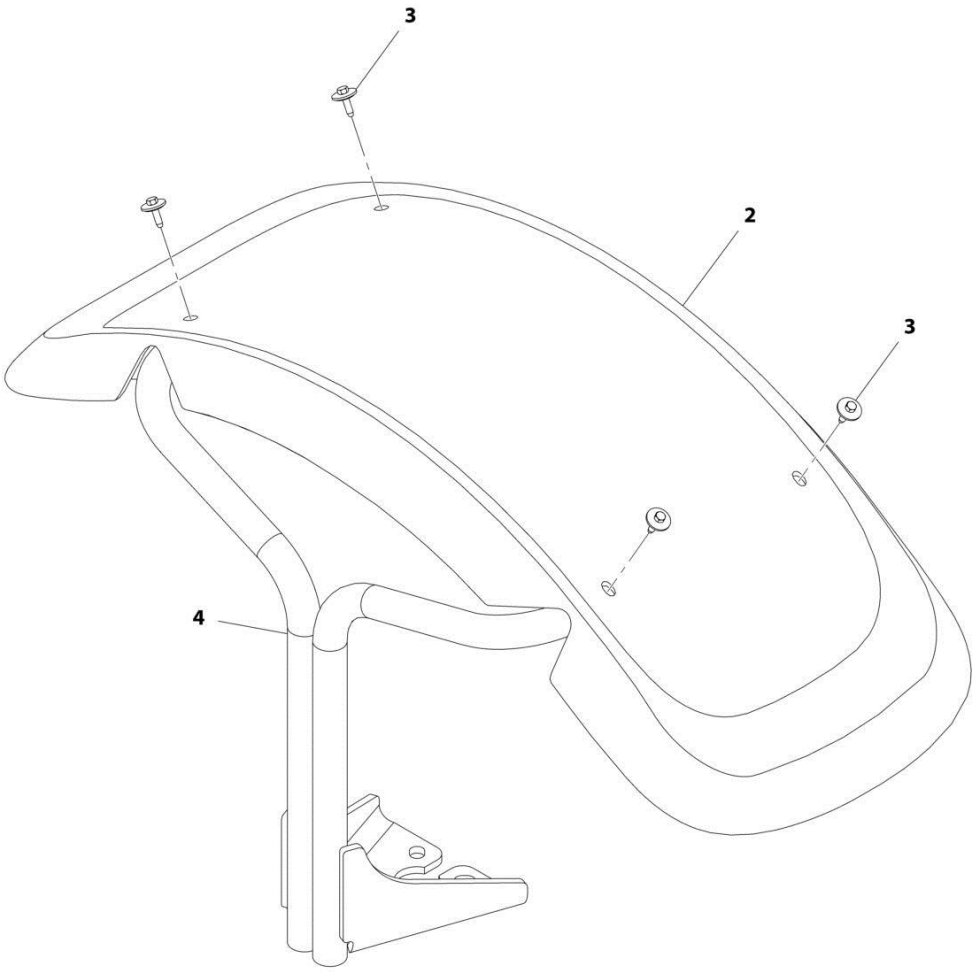
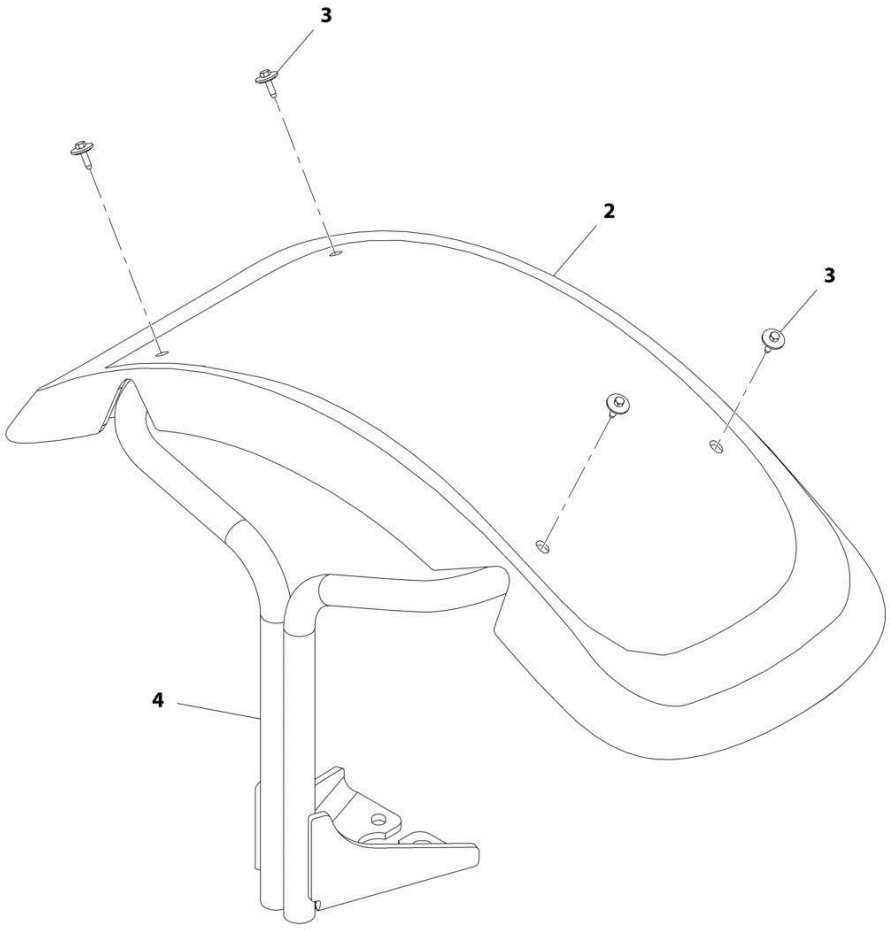


FIGURE 5-91. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176916	Ref	Fender Assembly (Standard)	B
2	1001168264	1	Fender, Plastic	
3	1001170697	4	Screw, Self-Tapping	
4	1001176914	1	Bracket, Fender	

FIGURE 5-92. FENDER ASSEMBLY



ART_1001176950-B

FIGURE 5-92. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176950	Ref	Fender Assembly (Standard)	B
2	1001168264	1	Fender, Plastic	
3	1001170697	4	Screw, Self-Tapping	
4	1001176949	1	Bracket, Fender	

FIGURE 5-93. FENDER ASSEMBLY

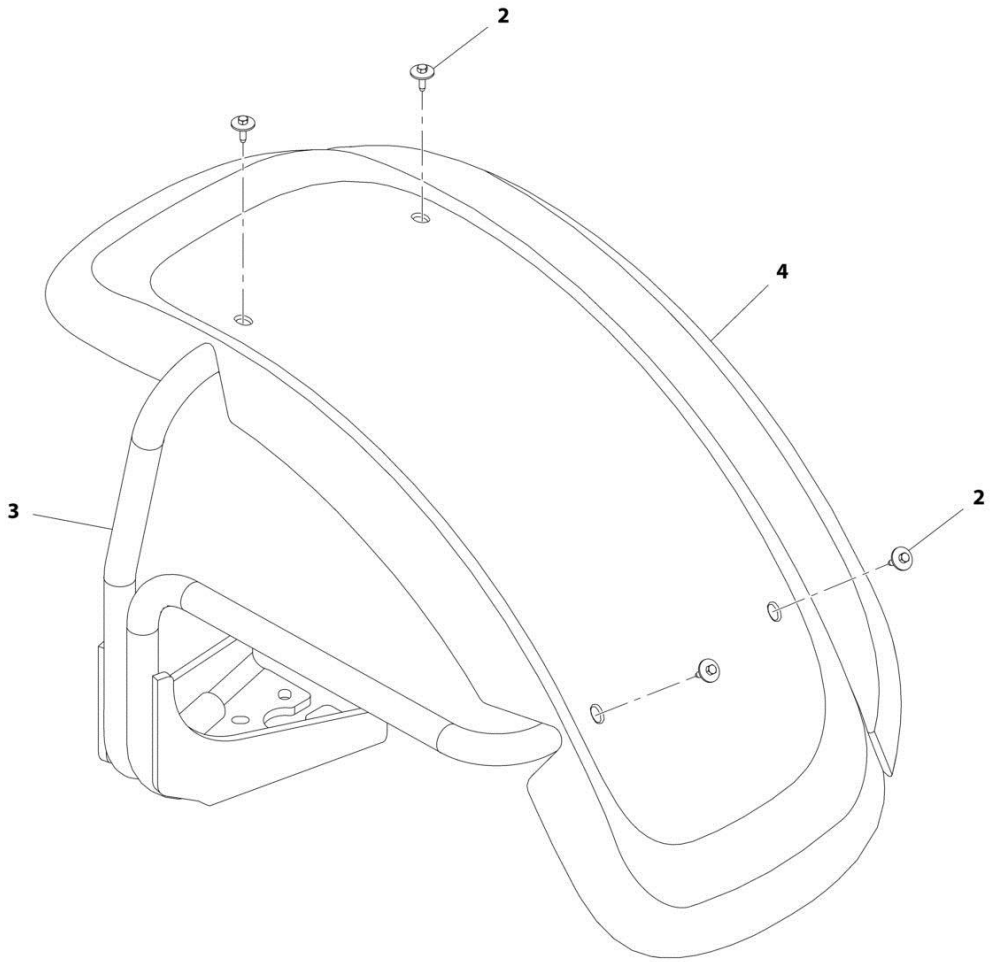


FIGURE 5-93. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176351	Ref	Fender Assembly (500MM)	B
2	1001170697	4	Screw, Self-Tapping	
3	1001176125	1	Bracket, Fender	
4	1001178171	1	Fender, Plastic	

FIGURE 5-94. FENDER ASSEMBLY

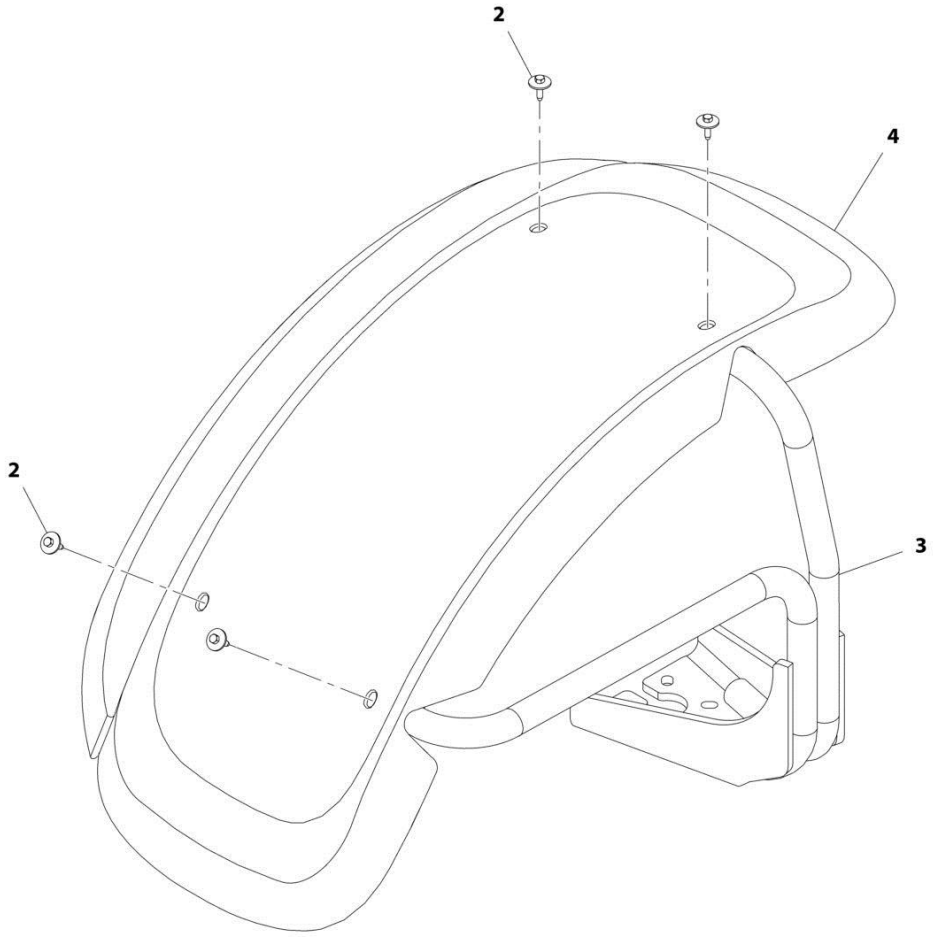
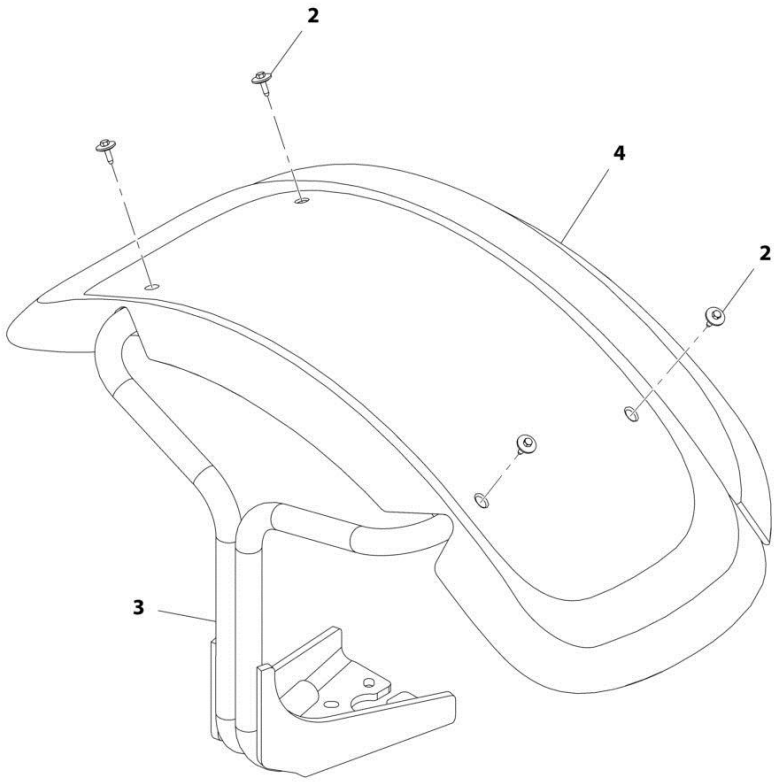


FIGURE 5-94. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176352	Ref	Fender Assembly (500MM)	B
2	1001170697	4	Screw, Self-Tapping	
3	1001176126	1	Bracket, Fender	
4	1001178171	1	Fender, Plastic	

FIGURE 5-95. FENDER ASSEMBLY

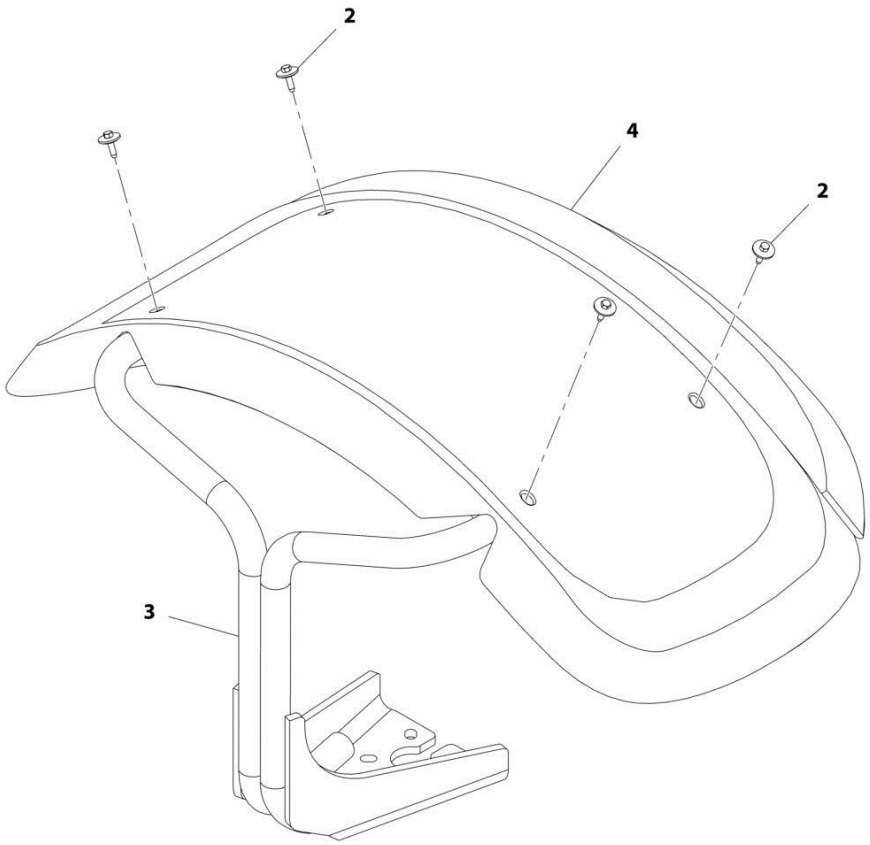


ART_1001176353-B

FIGURE 5-95. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176353	Ref	Fender Assembly (500MM)	B
2	1001170697	4	Screw, Self-Tapping	
3	1001176127	1	Bracket, Fender	
4	1001178171	1	Fender, Plastic	

FIGURE 5-96. FENDER ASSEMBLY



ART_1001176354-B

FIGURE 5-96. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176354	Ref	Fender Assembly (500MM)	B
2	1001170697	4	Screw, Self-Tapping	
3	1001176128	1	Bracket, Fender	
4	1001178171	1	Fender, Plastic	

SECTION 6 - CAB

FIGURE 6-1. CAB MOUNTS INSTALLATION

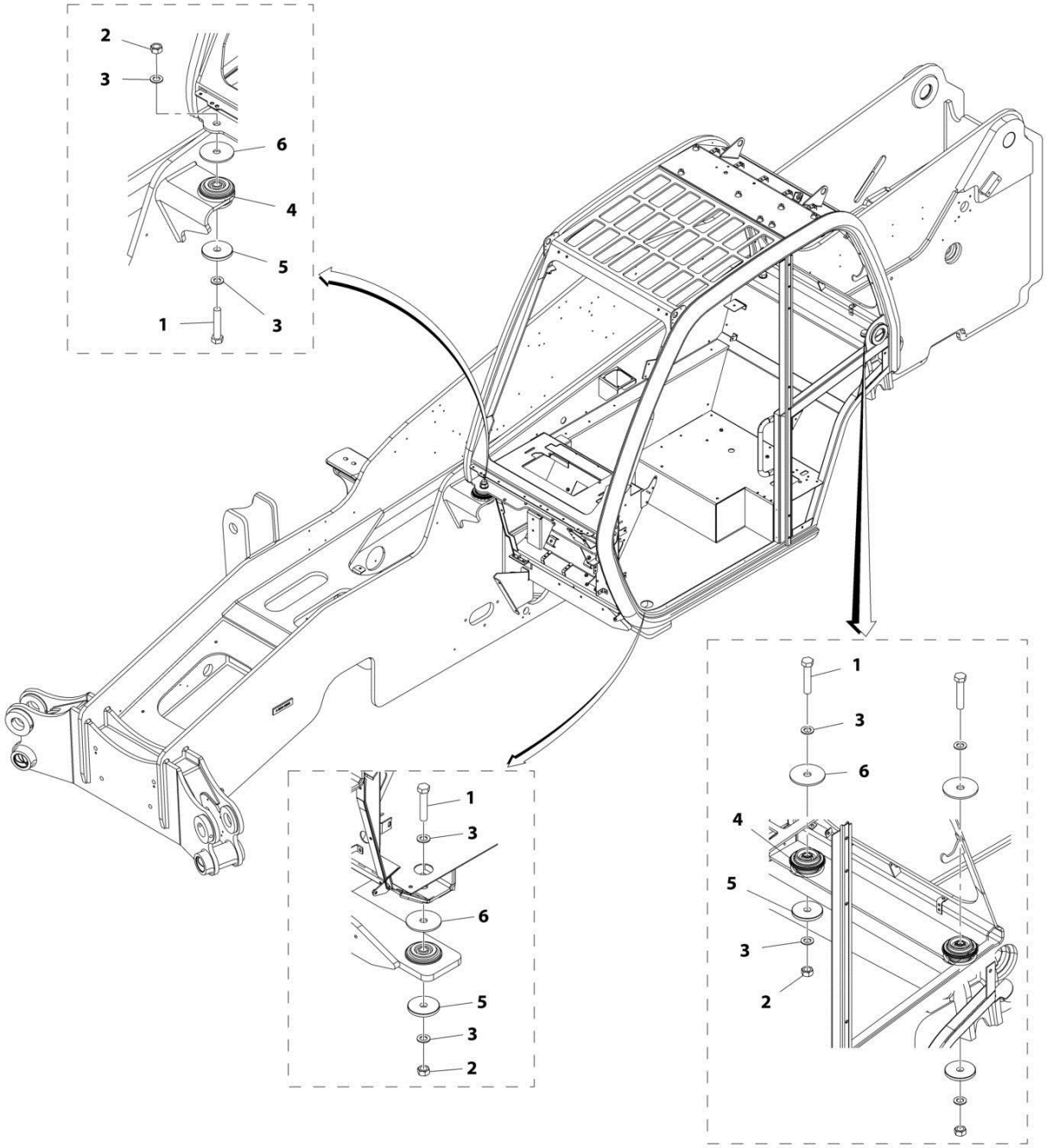


FIGURE 6-1. CAB MOUNTS INSTALLATION

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

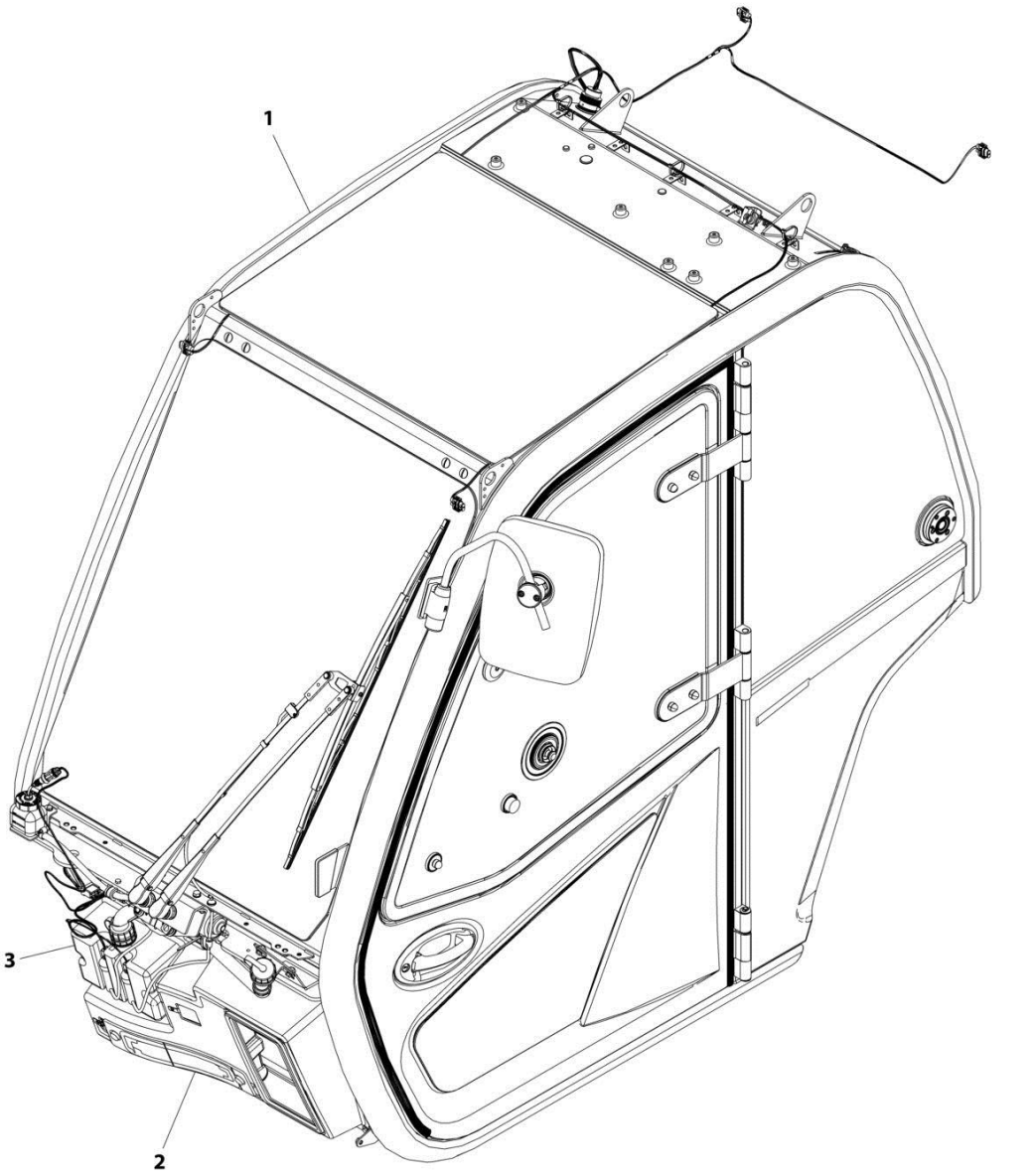


FIGURE 6-2. ENCLOSED CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202118	Ref	Enclosed Cab Installation (Deutz-Fahr)	D
1	1001196536	Ref	Assembly, Enclosed Cab (Deutz-Fahr) (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 ASSEMBLY (Prior to SN 1160008518)

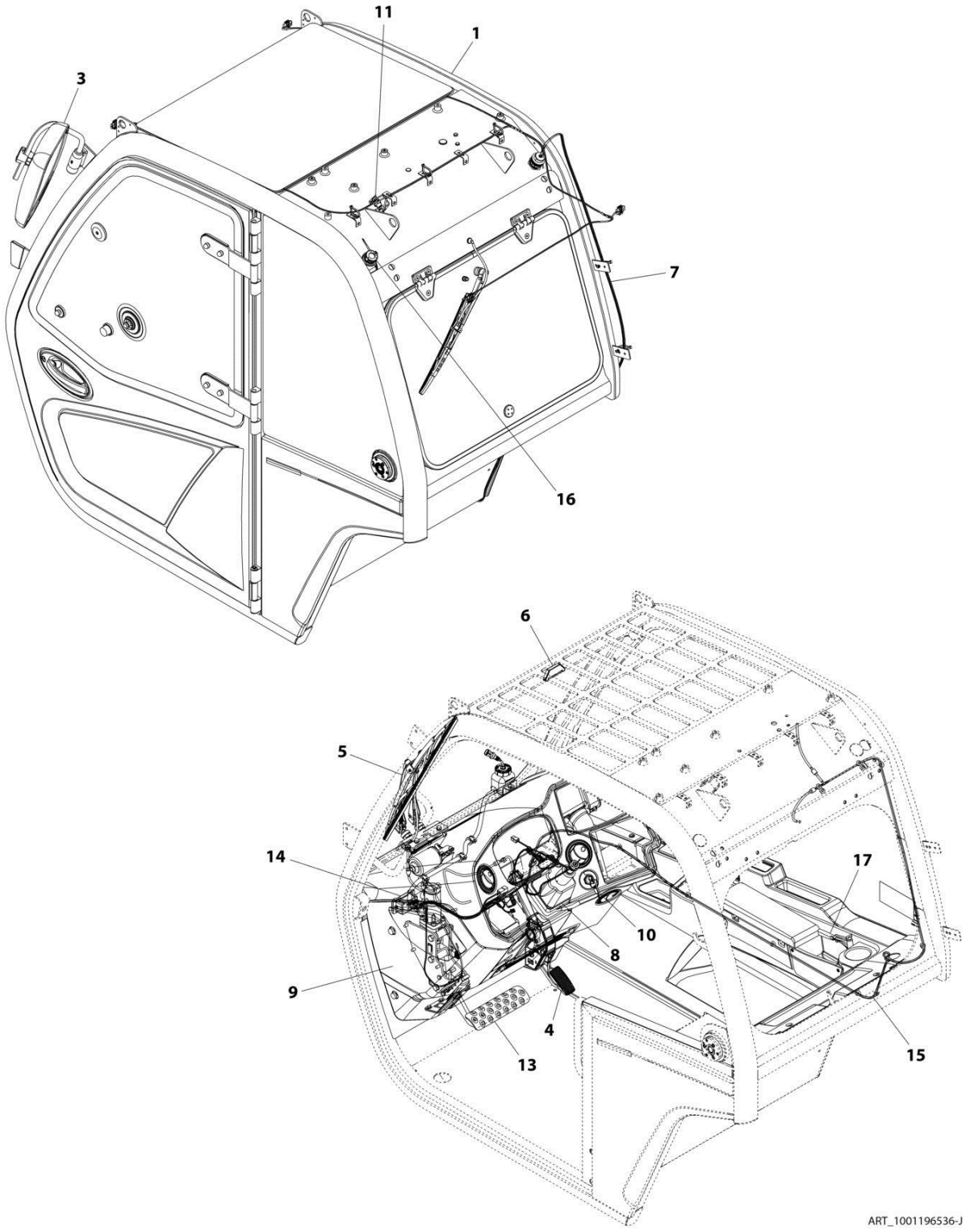


FIGURE 6-3. ENCLOSED CAB ASSEMBLY (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196536	Ref	Enclosed Cab Assembly (Deutz-Fahr)	J
1	1001168149	Ref	Group, Enclosed Cab (Deutz-Fahr) (See Separate Breakdown in this Section)	
3	1001230435	Ref	Installation, Interior Mirror (See Separate Breakdown in this Section)	
4	1001161499	Ref	Installation, Accelerator Pedal (See Separate Breakdown in this 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 this Section)	
8	1001229534	Ref	Installation, Steering Column Tilt (See Separate Breakdown in this Section)	
9	1001167981	Ref	Installation, Enclosed Cab Trim (See Separate Breakdown in this Section)	
10	1001201128	Ref	Installation, Ignition Switch (Deutz-Fahr) (See Separate Breakdown in this Section)	
11	1001218856	Ref	Installation, Beacon Bracket (See Separate Breakdown in this Section)	
13	1001188262	Ref	Installation, Brake Pedal (See Separate Breakdown in this Section)	
14	1001201340	Ref	Installation, Cab Heater Harness (See Separate Breakdown in this Section)	
15	1001201520	Ref	Installation, Washer Hoses (See Separate Breakdown in this Section)	
16	1001201161	Ref	Installation, Telematics Cap (See Separate Breakdown in this Section)	
17	1001210628	Ref	Installation, Hammer (See Separate Breakdown in this Section)	

FIGURE 6-4. ENCLOSED CAB ASSEMBLY (SN 1160008518 to Present)

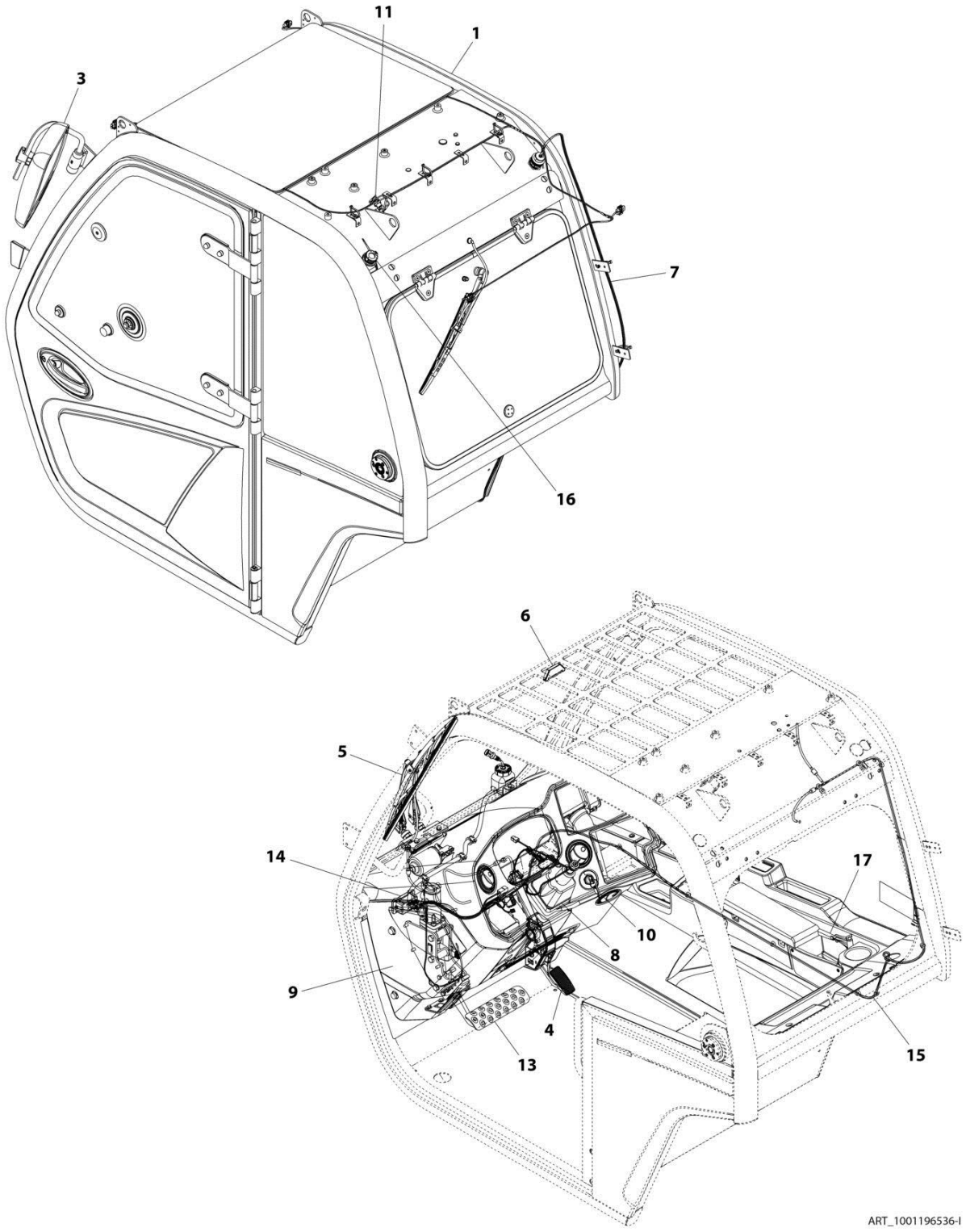


FIGURE 6-4. ENCLOSED CAB ASSEMBLY (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196536	Ref	Enclosed Cab Assembly (Deutz-Fahr)	I
1	1001168149	Ref	Group, Enclosed Cab (Deutz-Fahr) (See Separate Breakdown in this Section)	
3	1001230435	Ref	Installation, Interior Mirror (See Separate Breakdown in this Section)	
4	1001161499	Ref	Installation, Accelerator Pedal (See Separate Breakdown in this 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 this Section)	
8	1001229534	Ref	Installation, Steering Column Tilt (See Separate Breakdown in this Section)	
9	1001167981	Ref	Installation, Enclosed Cab Trim (See Separate Breakdown in this Section)	
10	1001201128	Ref	Installation, Ignition Switch (Deutz-Fahr) (See Separate Breakdown in this Section)	
11	1001218856	Ref	Installation, Beacon Bracket (See Separate Breakdown in this Section)	
13	1001188262	Ref	Installation, Brake Pedal (See Separate Breakdown in this Section)	
14	1001201340	Ref	Installation, Cab Heater Harness (See Separate Breakdown in this Section)	
15	1001201520	Ref	Installation, Washer Hoses (See Separate Breakdown in this Section)	
16	1001201161	Ref	Installation, Telematics Cap (See Separate Breakdown in this Section)	
17	1001210628	Ref	Installation, Hammer (See Separate Breakdown in this Section)	

FIGURE 6-5. ENCLOSED CAB GROUP

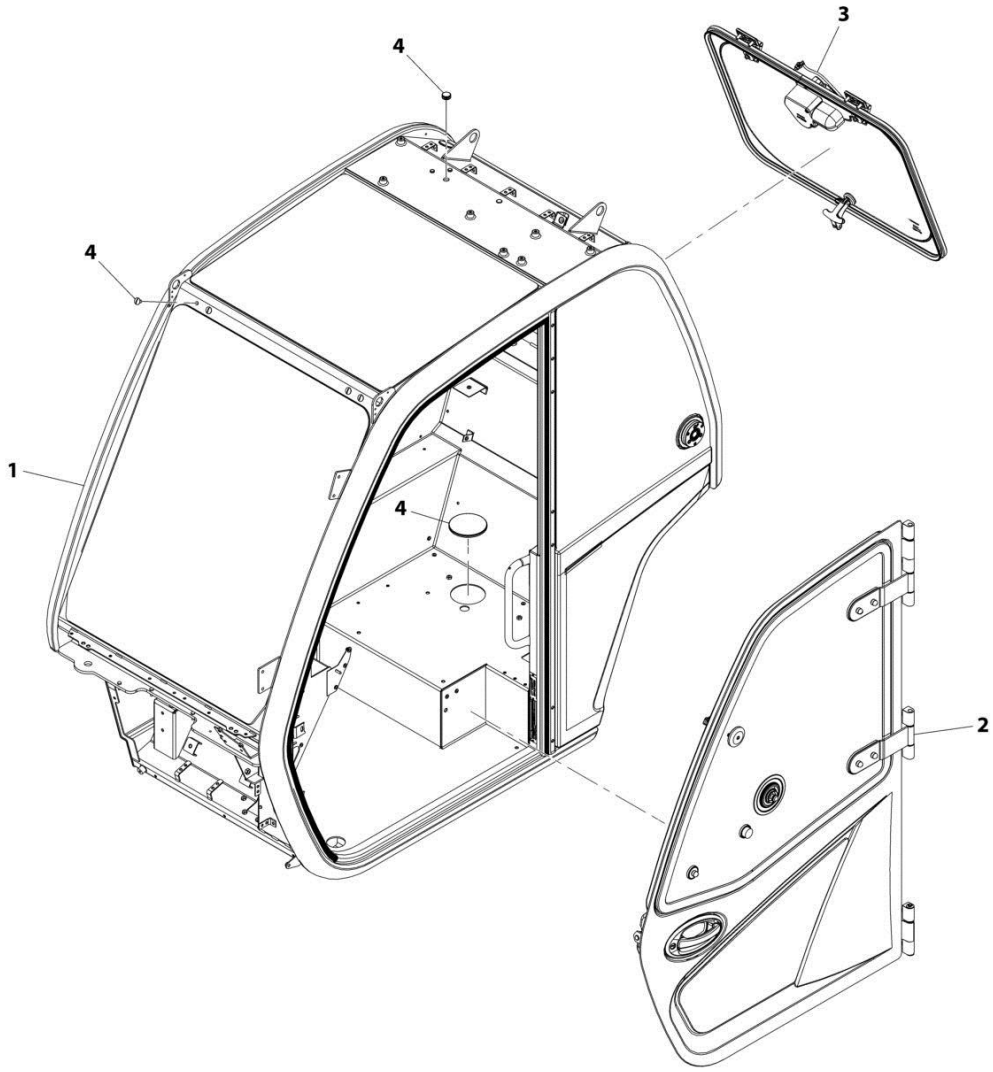


FIGURE 6-5. ENCLOSED CAB GROUP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168149	Ref	Enclosed Cab Group (Deutz-Fahr)	G
1	1001173642	Ref	Cab, Enclosed (Deutz-Fahr) (See Separate Breakdown in this Section)	
2	1001153851	Ref	Installation, Door (Deutz-Fahr) (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 6-6. ENCLOSED CAB (Prior to SN 1160008518)

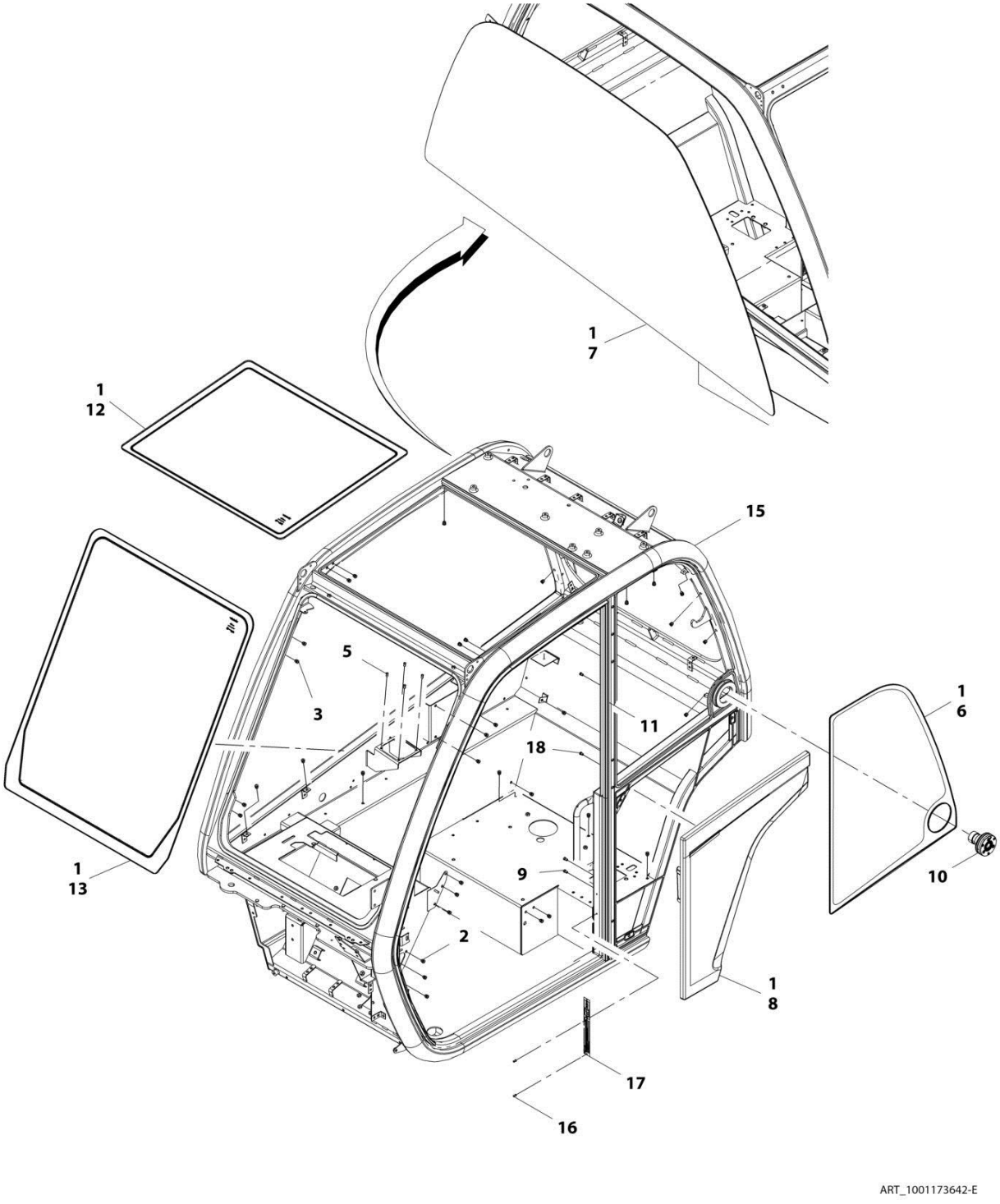


FIGURE 6-6. ENCLOSED CAB (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173642	Ref	Enclosed Cab (Deutz-Fahr)	E
1	1001111317	AR	Compound, Locking	
2	2080086	27	Rivnut, M6X1	
3	2080087	16	Rivnut, M8X1.25	
5	1001100691	4	Nut	
6	1001152915	1	Glass, LH Screen	
7	1001152947	1	Glass, RH Screen	
8	1001158327	1	Panel, Cab Quarter	
9	1001172193	2	Rivnut, M5X0.8	
10	1001174320	1	Latch, Top Window	
11	1001175226	1	Seal, Cab Door	
12	1001178159	1	Glass, Roof Laminated	
13	1001178160	1	Glass, Front Laminated	
15	1001156259C	1	Weldment, Cab	
16	1001099170	2	Rivet, 4MM	
17	1001178635	1	Plate, Serial Number	
18	1001195878	2	Rivnut, M5X0.8	

FIGURE 6-7. ENCLOSED CAB (SN 1160008518 to Present)

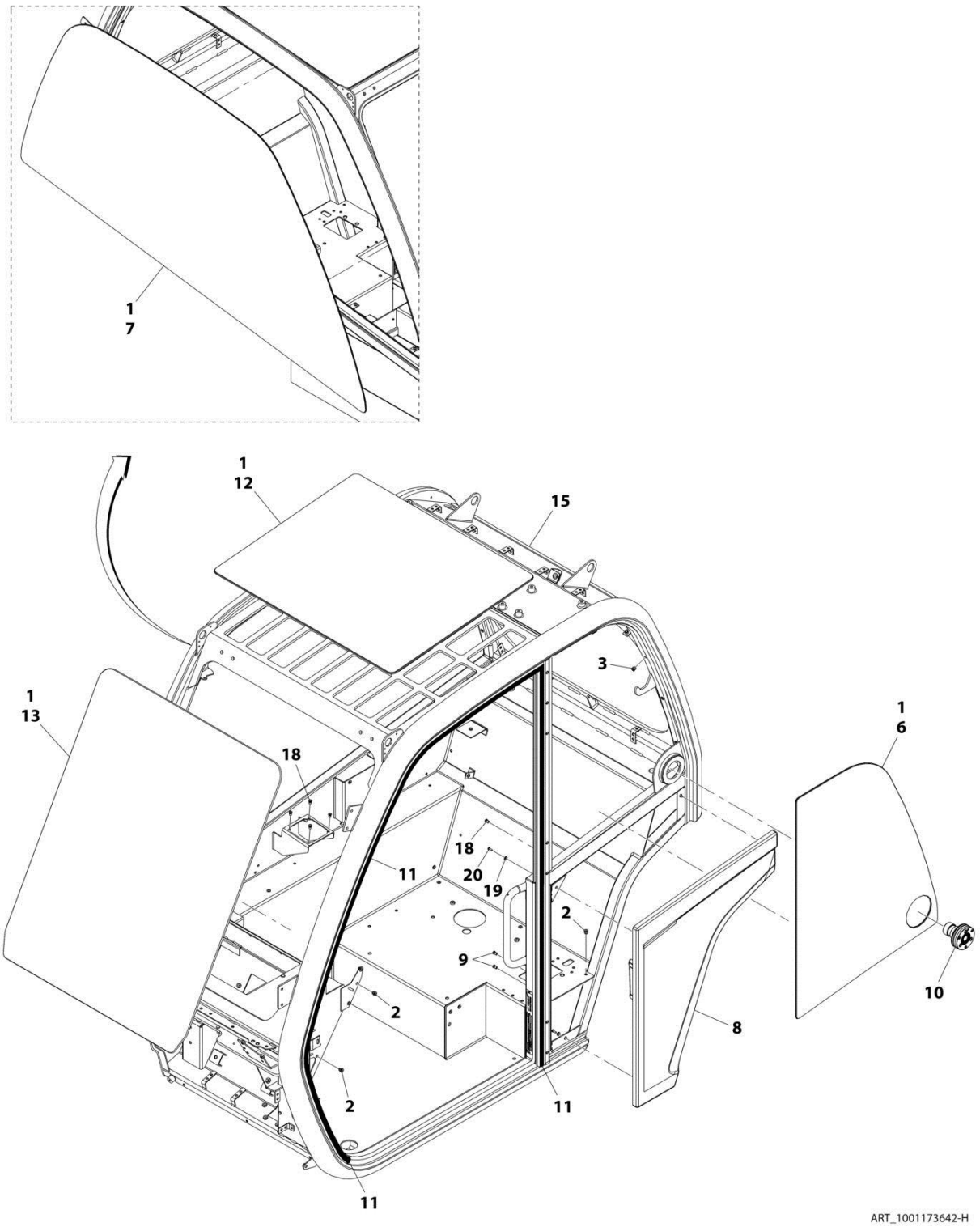


FIGURE 6-7. ENCLOSED CAB (SN 1160008518 to Present)

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 6-8. ENCLOSED CAB PLUG GROUP

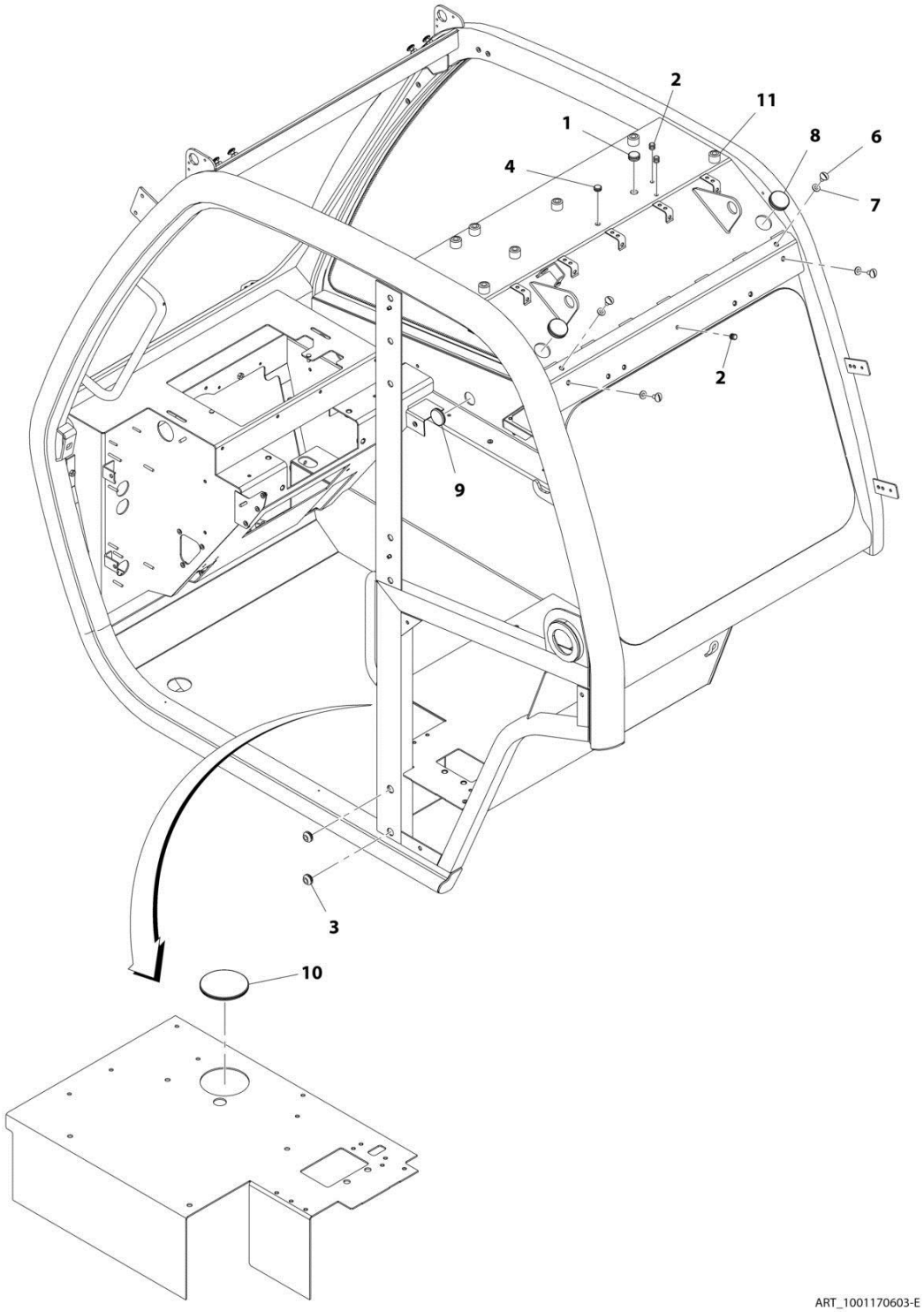


FIGURE 6-8. ENCLOSED CAB PLUG GROUP

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 6-9. REAR WINDOW INSTALLATION

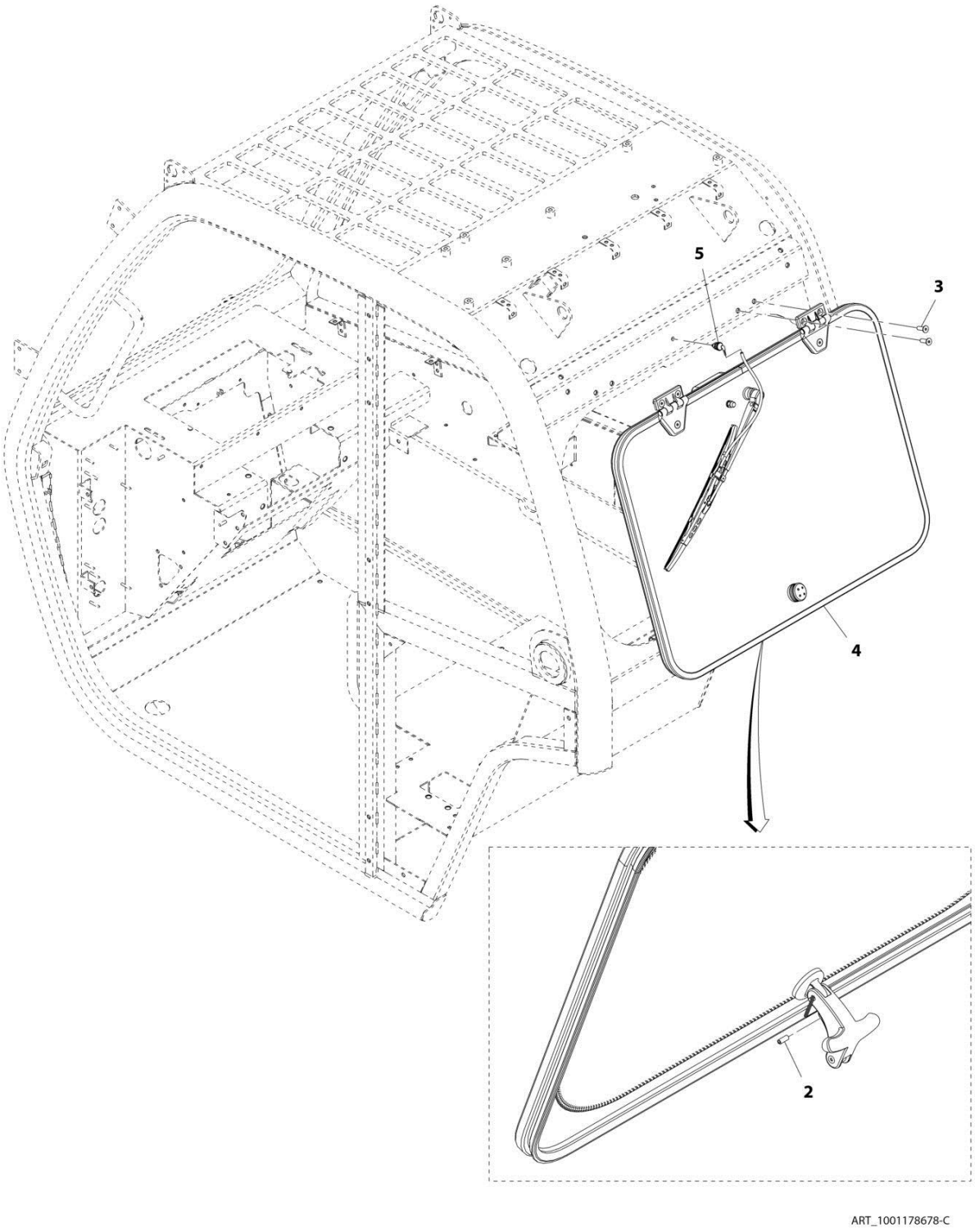


FIGURE 6-9. REAR WINDOW INSTALLATION

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 6-10. REAR WINDOW ASSEMBLY

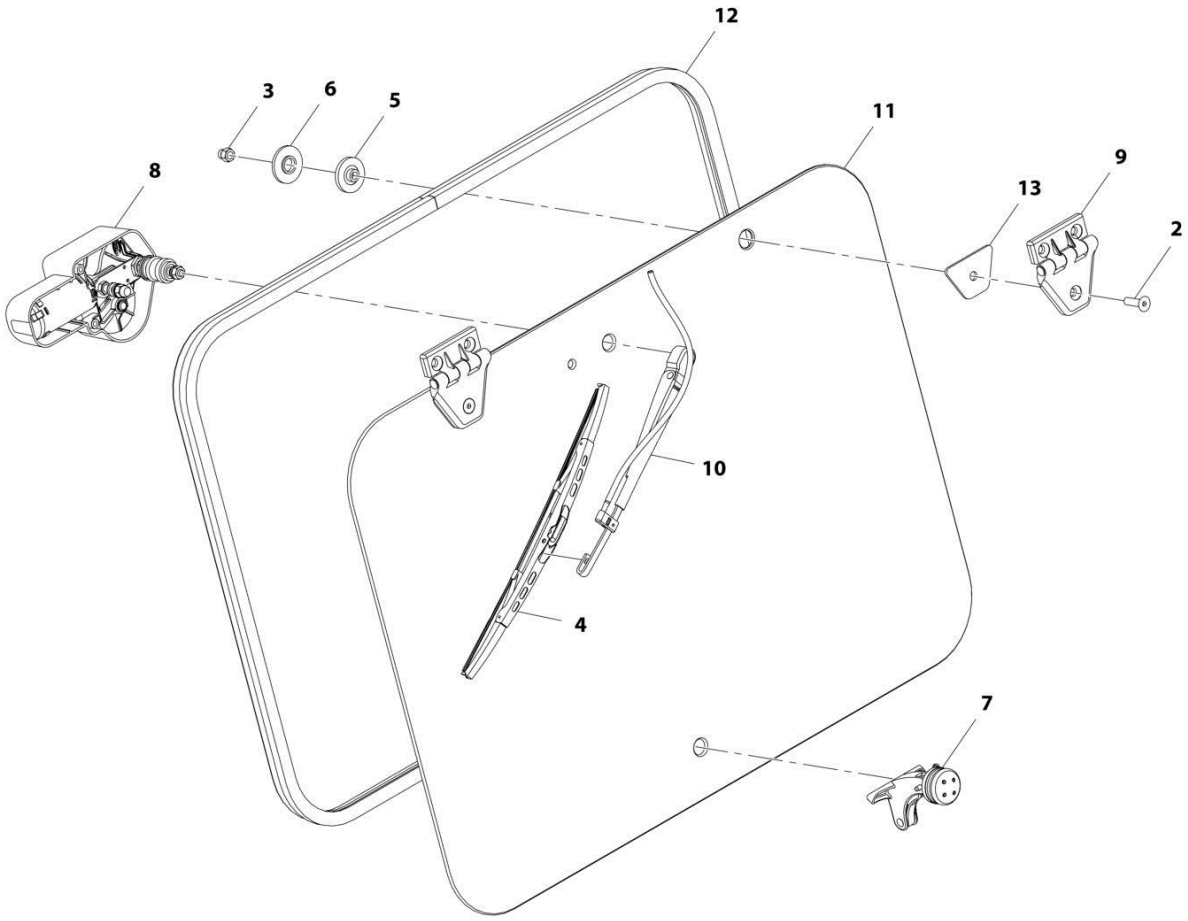


FIGURE 6-10. REAR WINDOW ASSEMBLY

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 6-11. DOOR INSTALLATION

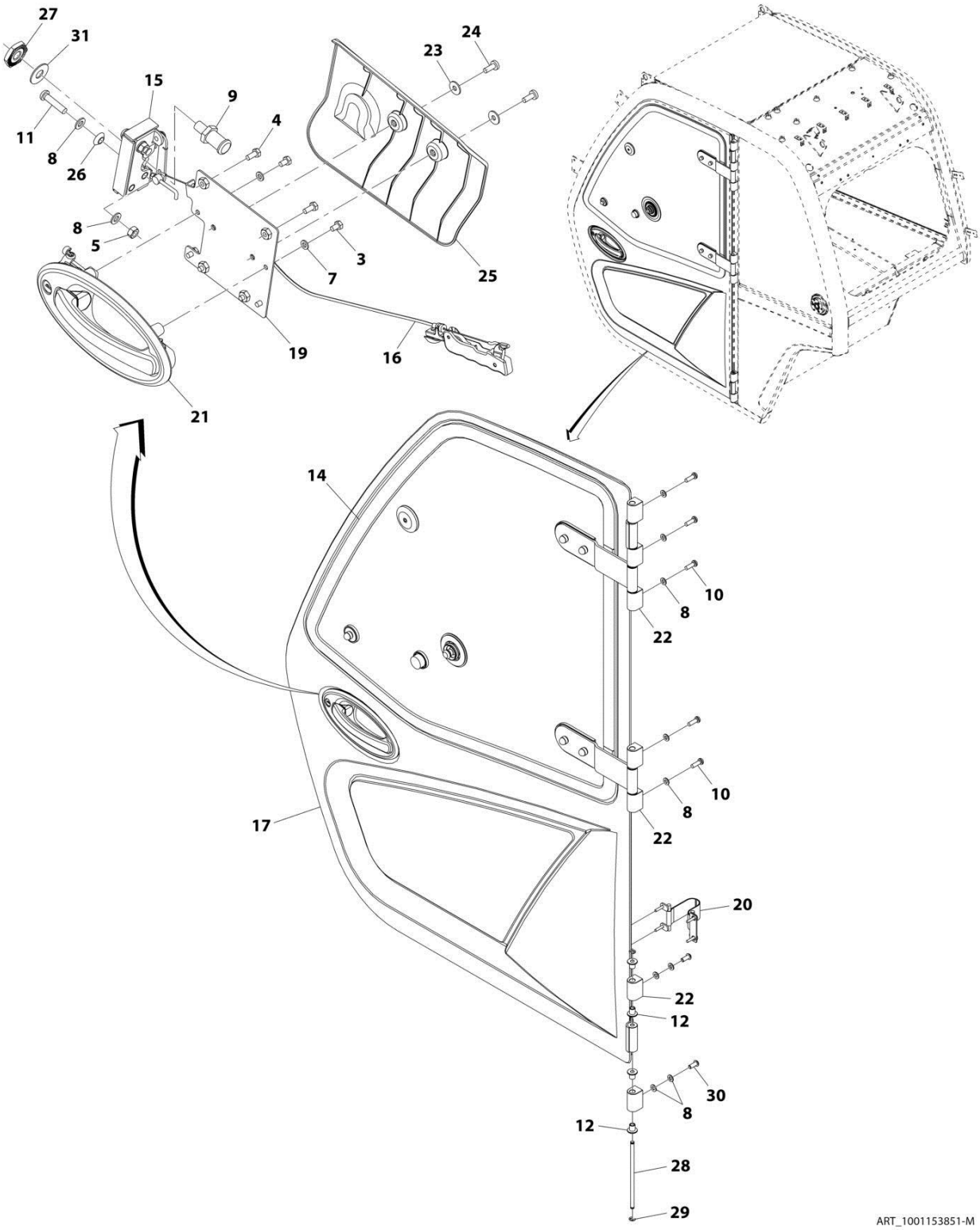


FIGURE 6-11. DOOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001153851	Ref	Door Installation (Deutz-Fahr)	M
3	0760605	4	Bolt, M6X10	
4	0760607	4	Bolt, M6X14	
5	3290801	2	Nut, M8X1.25 Grade 8	
7	4811700	4	Washer, 6MM	
8	4811900	13	Washer, 8MM	
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	1001170122	1	Assembly, Door (Deutz-Fahr) (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	1001170601C	7	Lug, Hinge	
23	4811702001	2	Washer, 6MM	
24	4010608002	2	Screw, M6X16	
25	1001175477	1	Cover, Cab Door Interior	
26	1001184439	2	Bushing	
27	1001192309	1	Nut, M12X1	
28	1001213791	1	Pin	
29	0498748	2	Clip	
30	1001164726	2	Bolt, M8X20	
31	1001227802	1	Washer	

FIGURE 6-12. DOOR ASSEMBLY (AG)

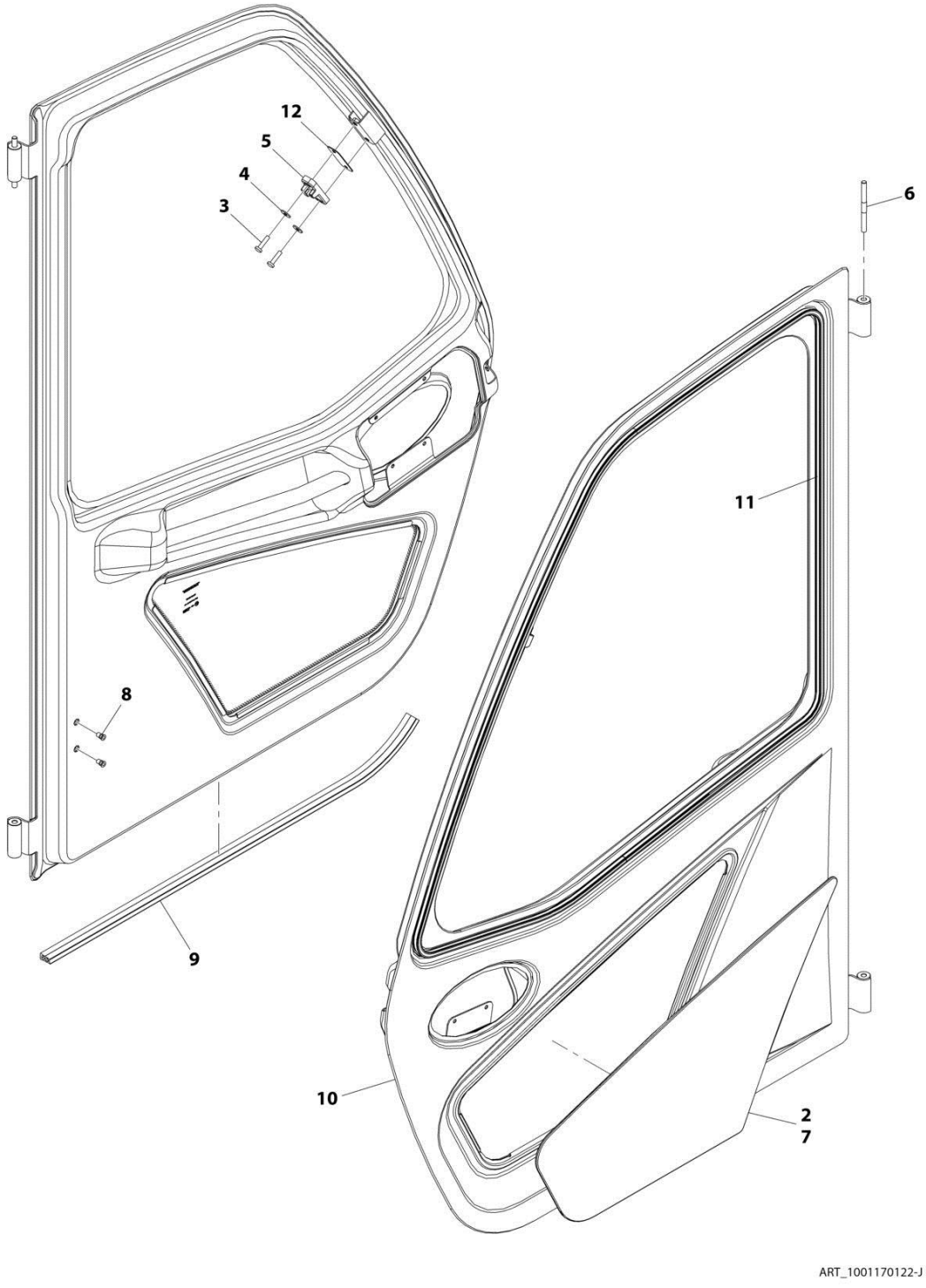


FIGURE 6-12. DOOR ASSEMBLY (AG)

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 6-13. CAB DOOR

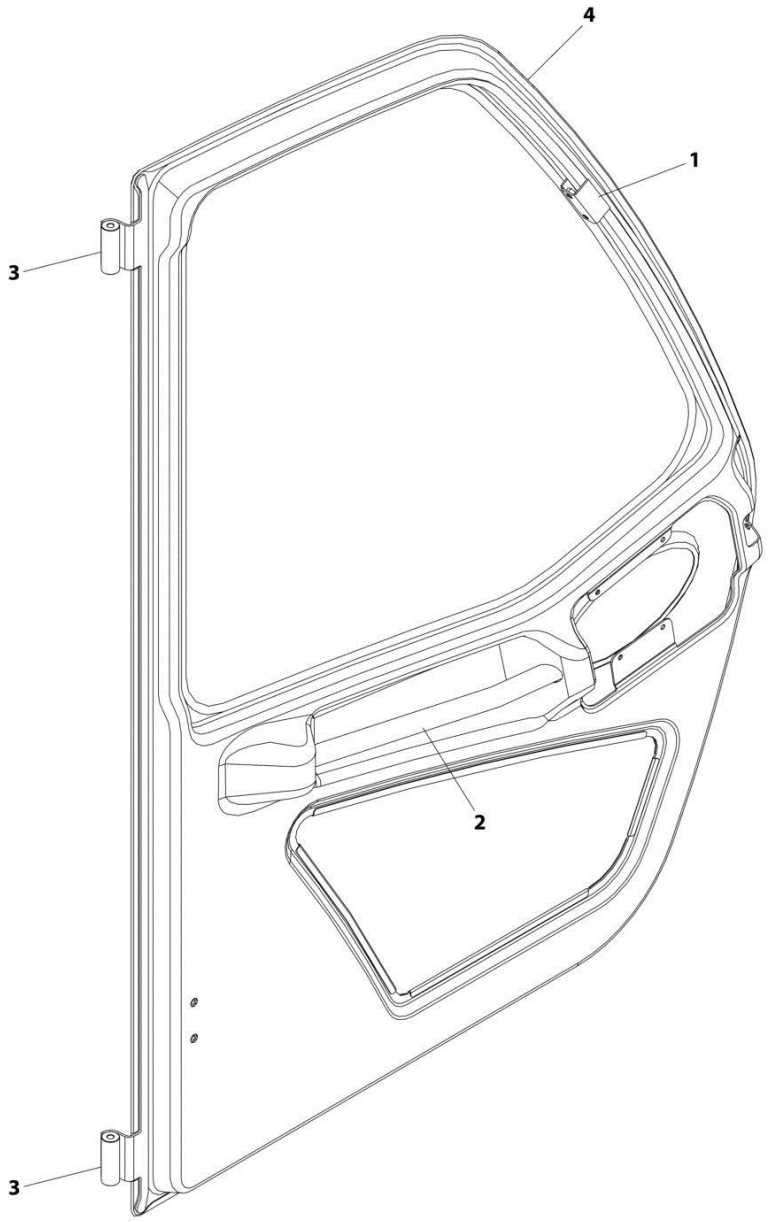


FIGURE 6-13. CAB DOOR

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 6-14. DOOR UPPER GLASS ASSEMBLY

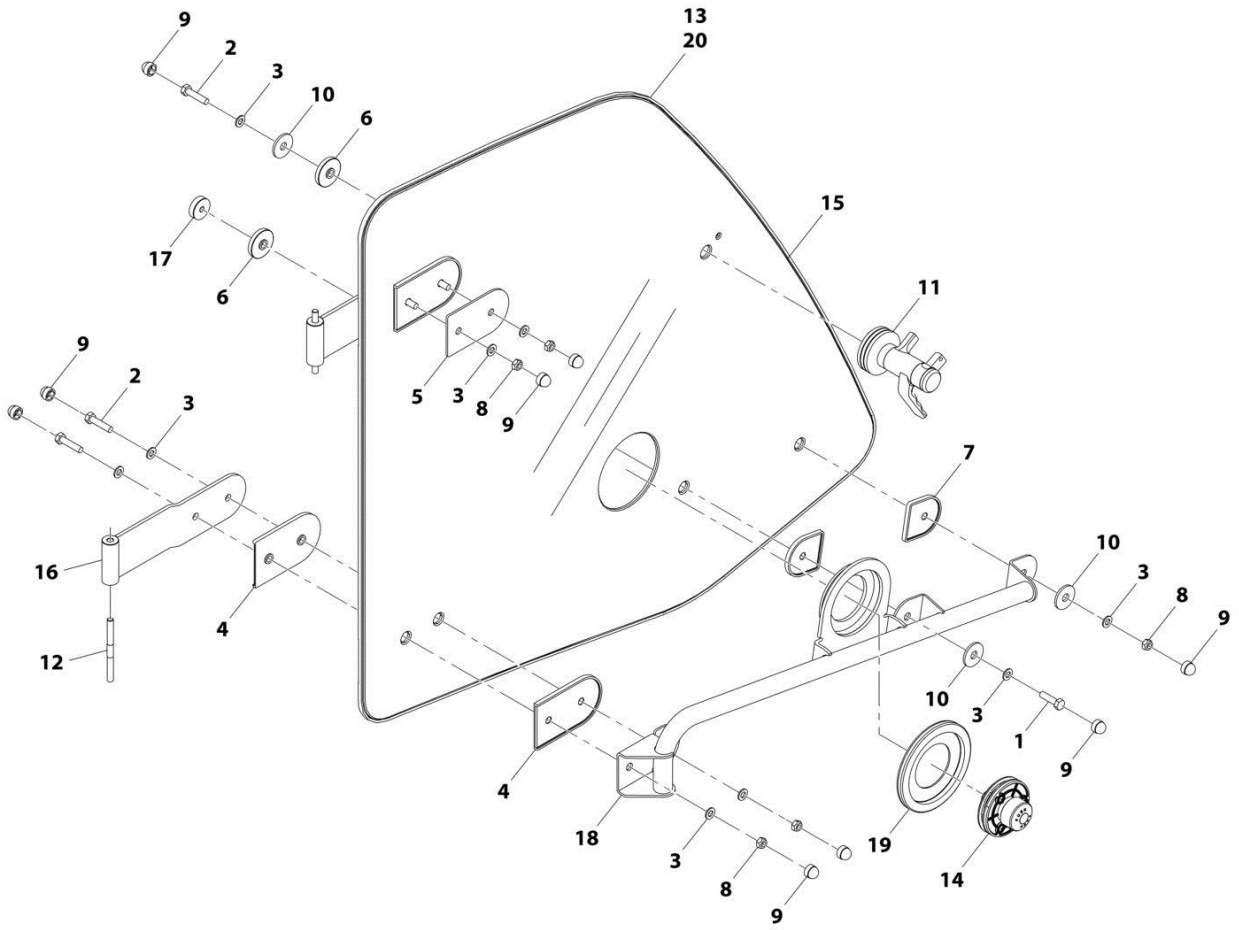
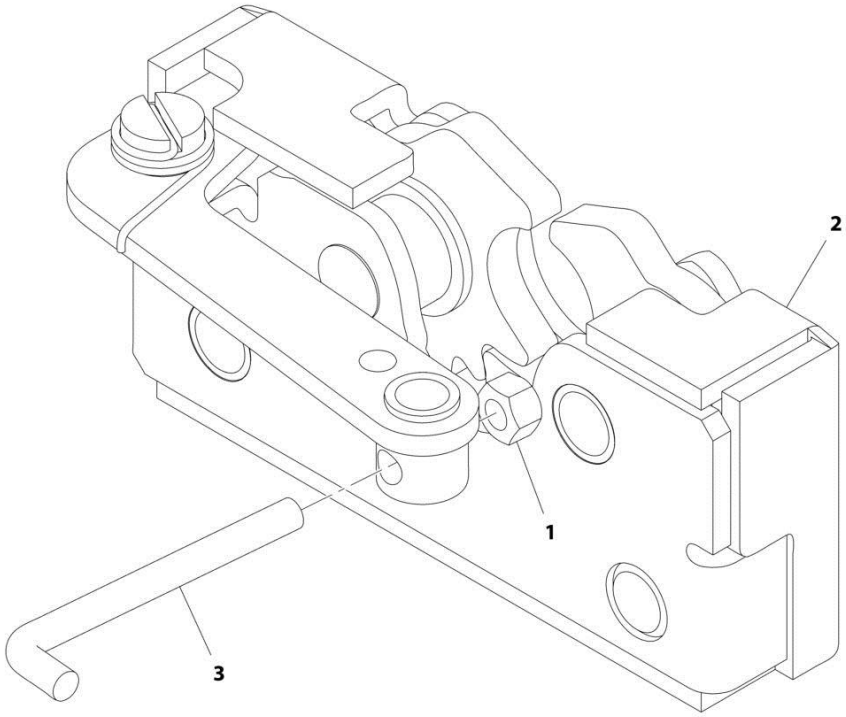


FIGURE 6-14. DOOR UPPER GLASS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205532	Ref	Door Upper Glass Assembly	E
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 6-15. CAB LATCH ASSEMBLY



ART_1001192766-A

FIGURE 6-15. CAB LATCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192766	Ref	Cab Latch Assembly	A
1	3290405	1	Nut, M4X0.7 Grade 8	
2	1001192643	1	Latch	
3	1001192755	1	Link, Door Handle	

FIGURE 6-16. CAB DOOR TRIGGER ASSEMBLY

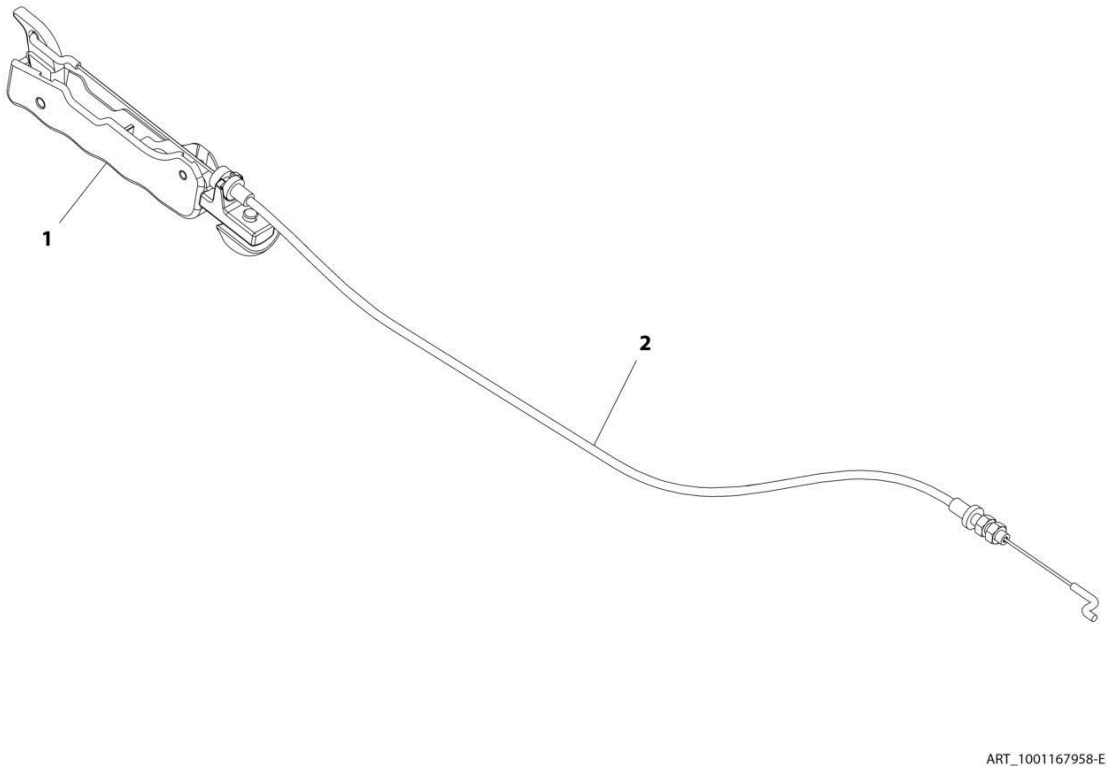


FIGURE 6-16. CAB DOOR TRIGGER ASSEMBLY

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 6-17. DOOR STRAP INSTALLATION

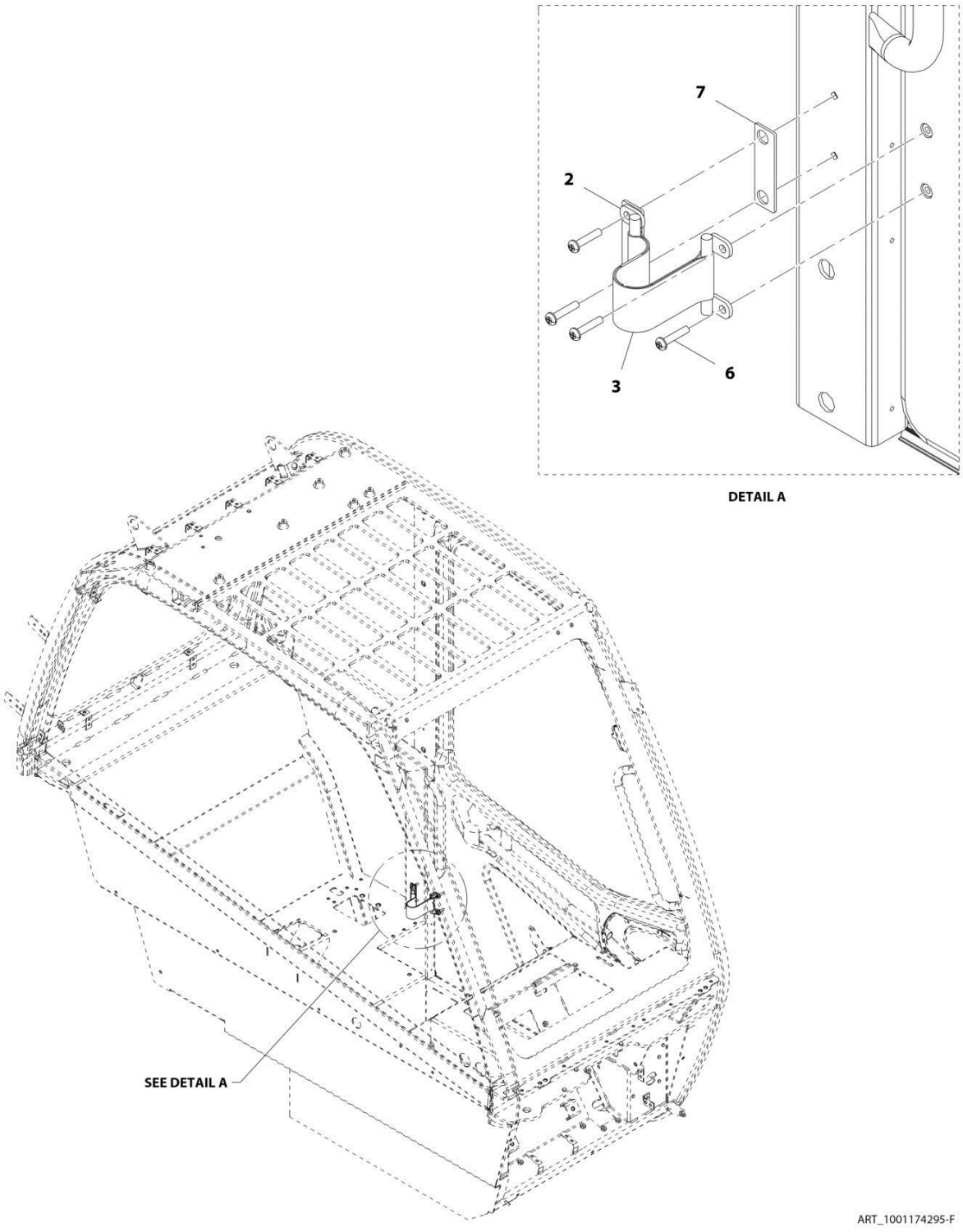
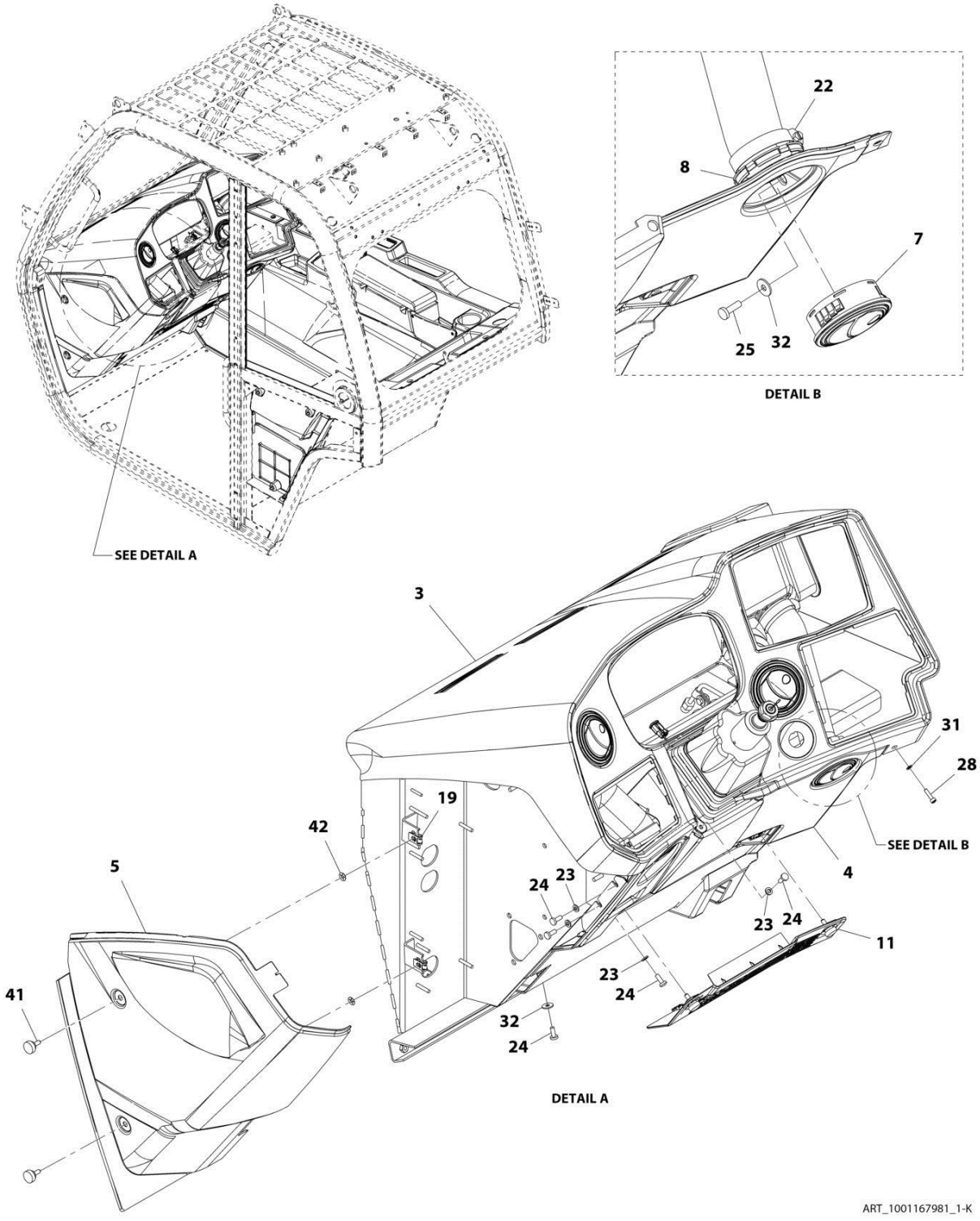


FIGURE 6-17. DOOR STRAP INSTALLATION

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 6-18. ENCLOSED CAB TRIM INSTALLATION (Prior to SN 1160008518)



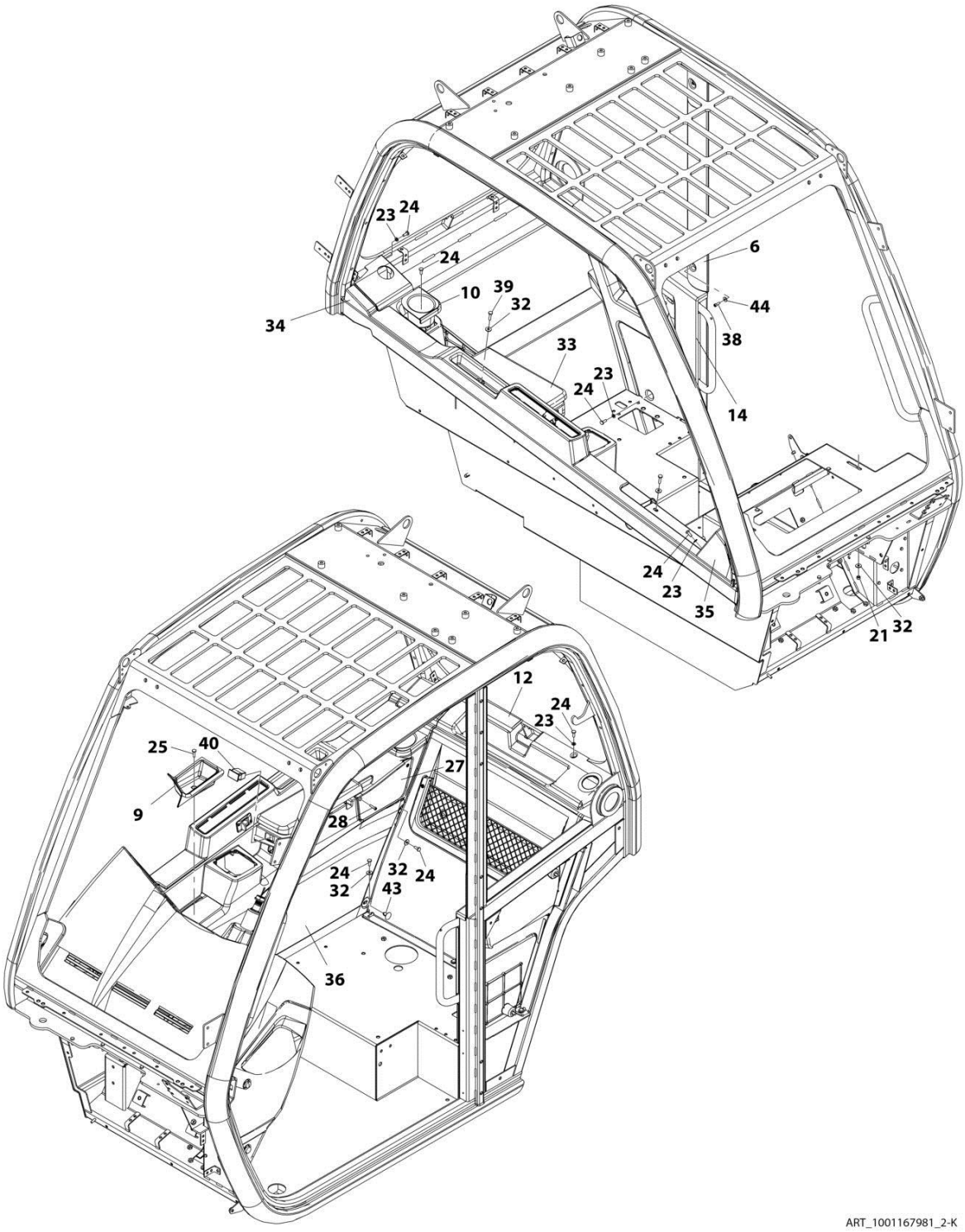
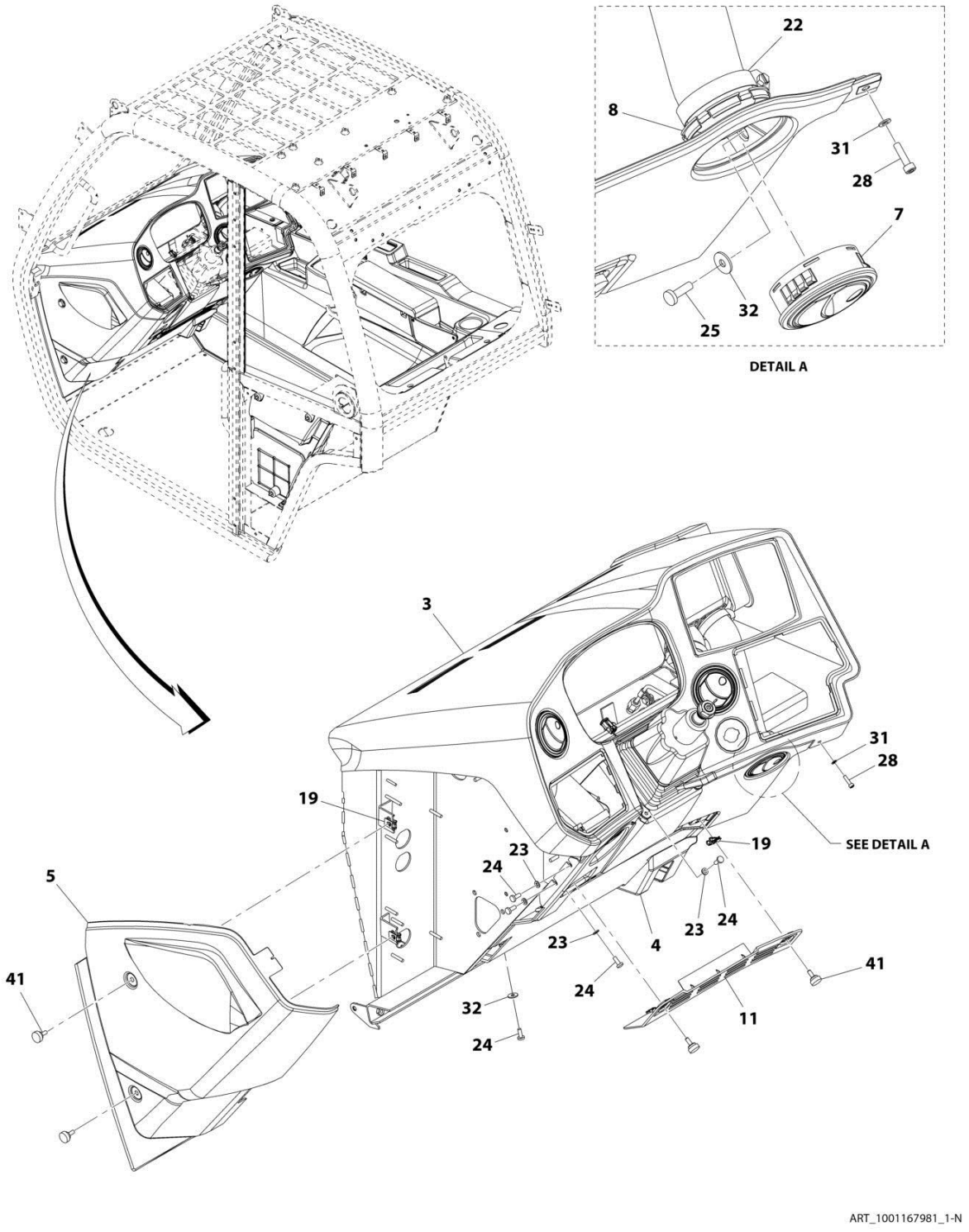

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ART_1001167981_2-K

FIGURE 6-18. ENCLOSED CAB TRIM INSTALLATION (Prior to SN 1160008518)

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	13	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 6-19. ENCLOSED CAB TRIM INSTALLATION (SN 1160008518 to Present)



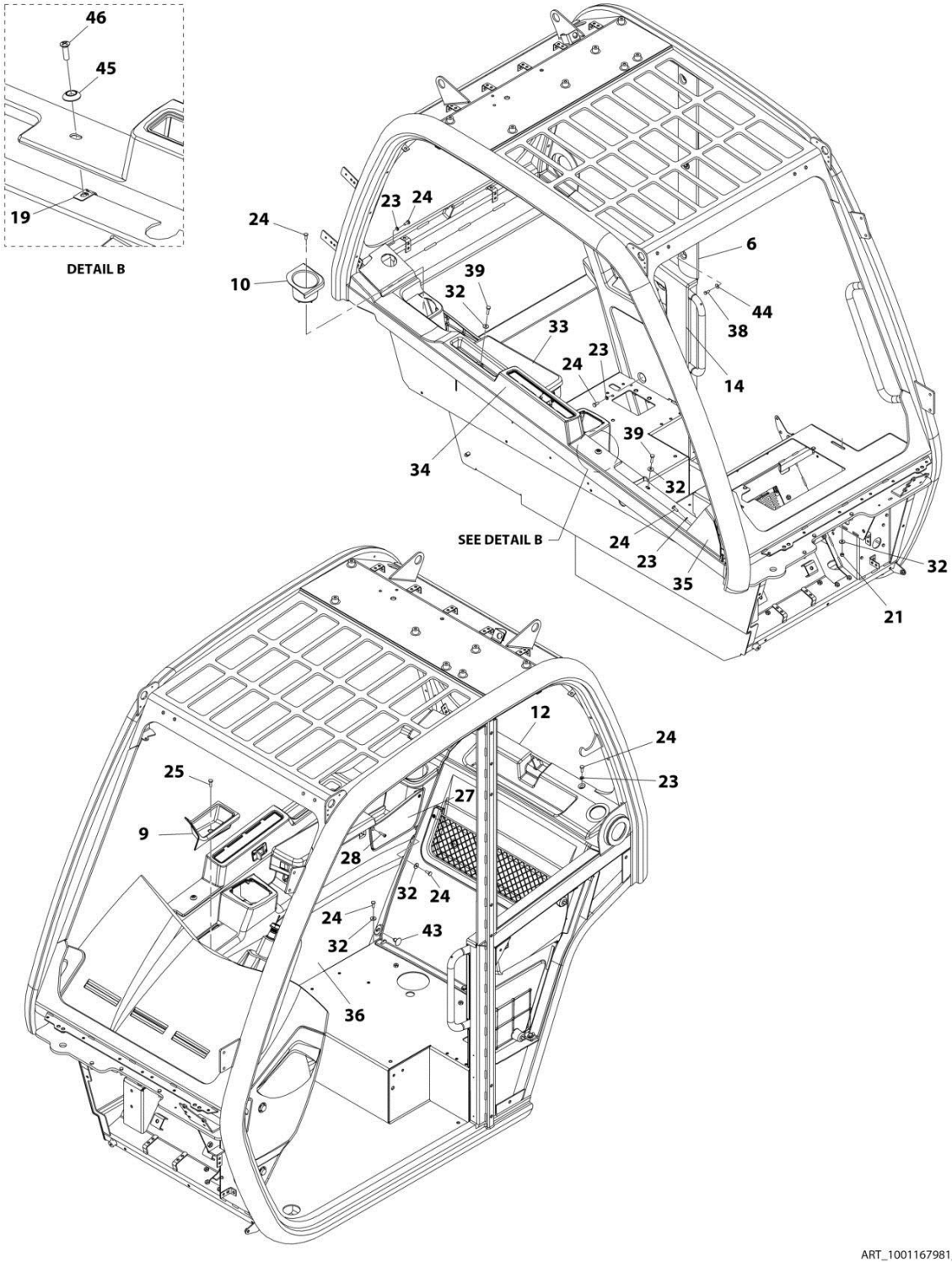

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ART_1001167981_2-N

FIGURE 6-19. ENCLOSED CAB TRIM INSTALLATION (SN 1160008518 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 6-20. DASH COVER ASSEMBLY

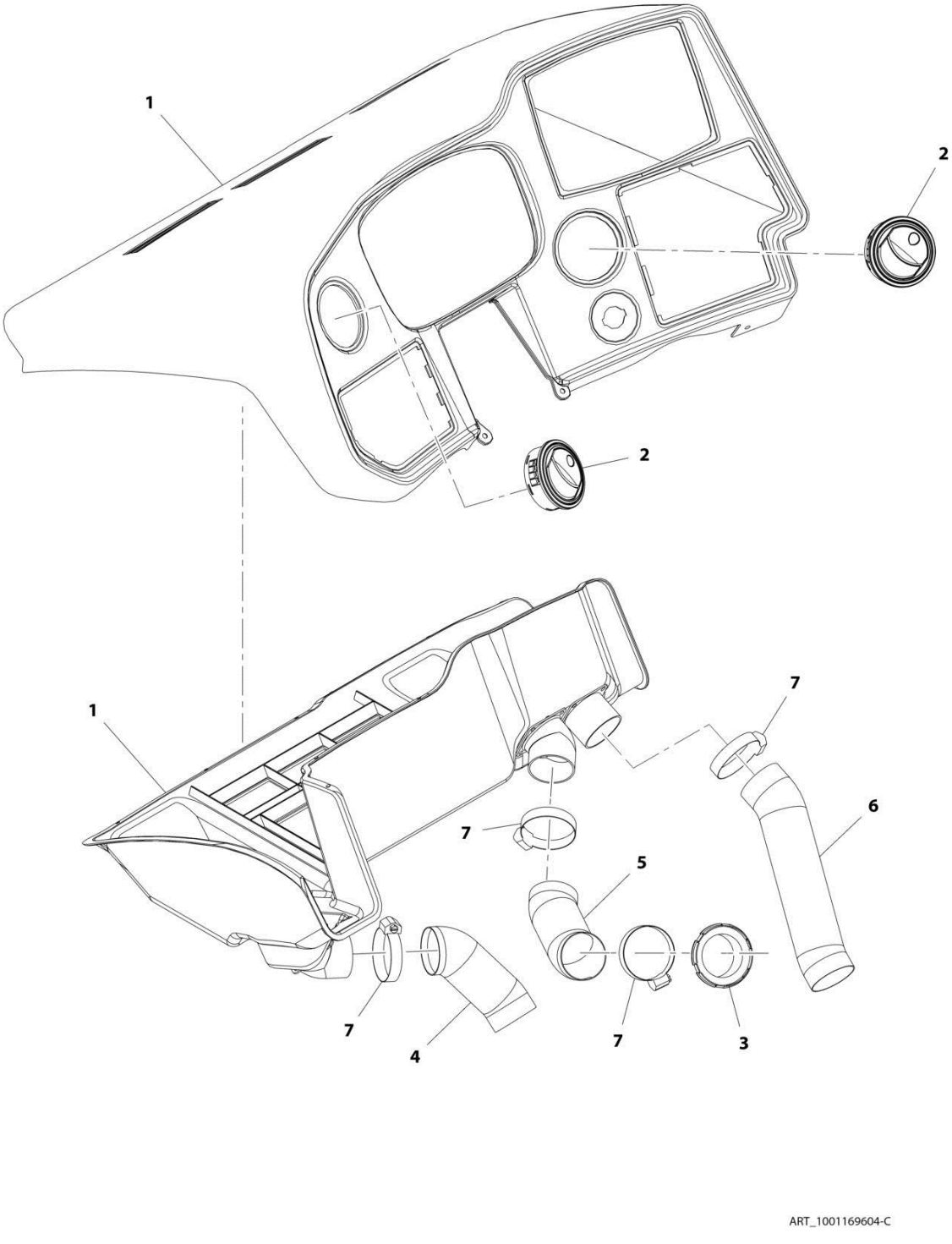
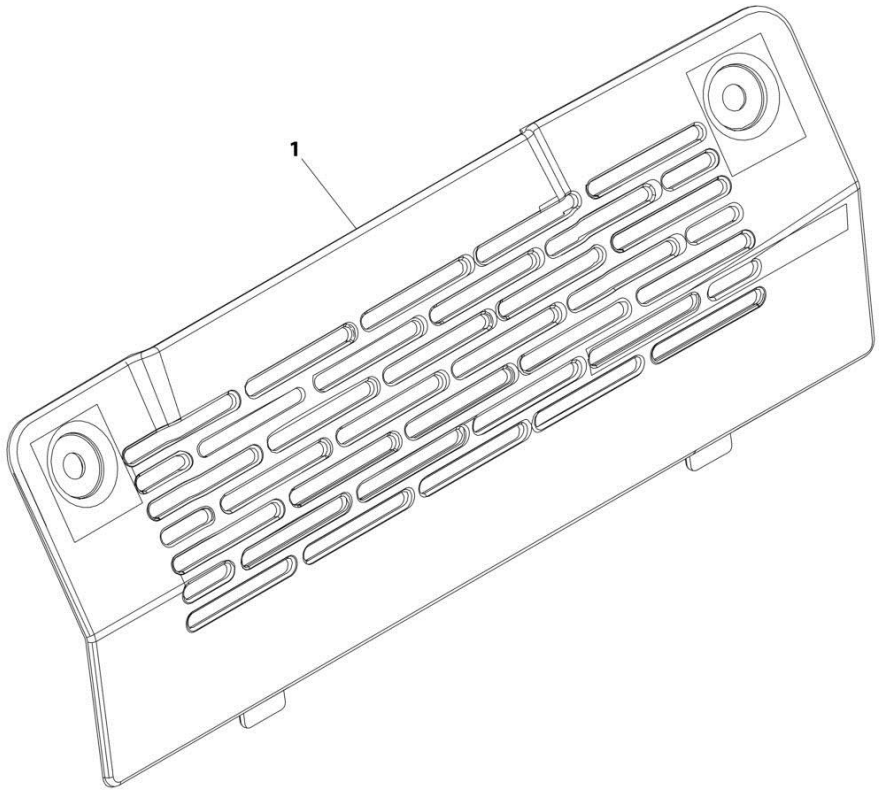


FIGURE 6-20. DASH COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169604	Ref	Dash Cover Assembly (Construction)	C
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 6-21. RECIRCULATION GRILLE COVER PANEL ASSEMBLY (Prior to SN 1160008518)



ART_1001170506-F

FIGURE 6-21. RECIRCULATION GRILLE COVER PANEL ASSEMBLY (Prior to SN 1160008518)

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

FIGURE 6-22. REAR PANEL COVER ASSEMBLY

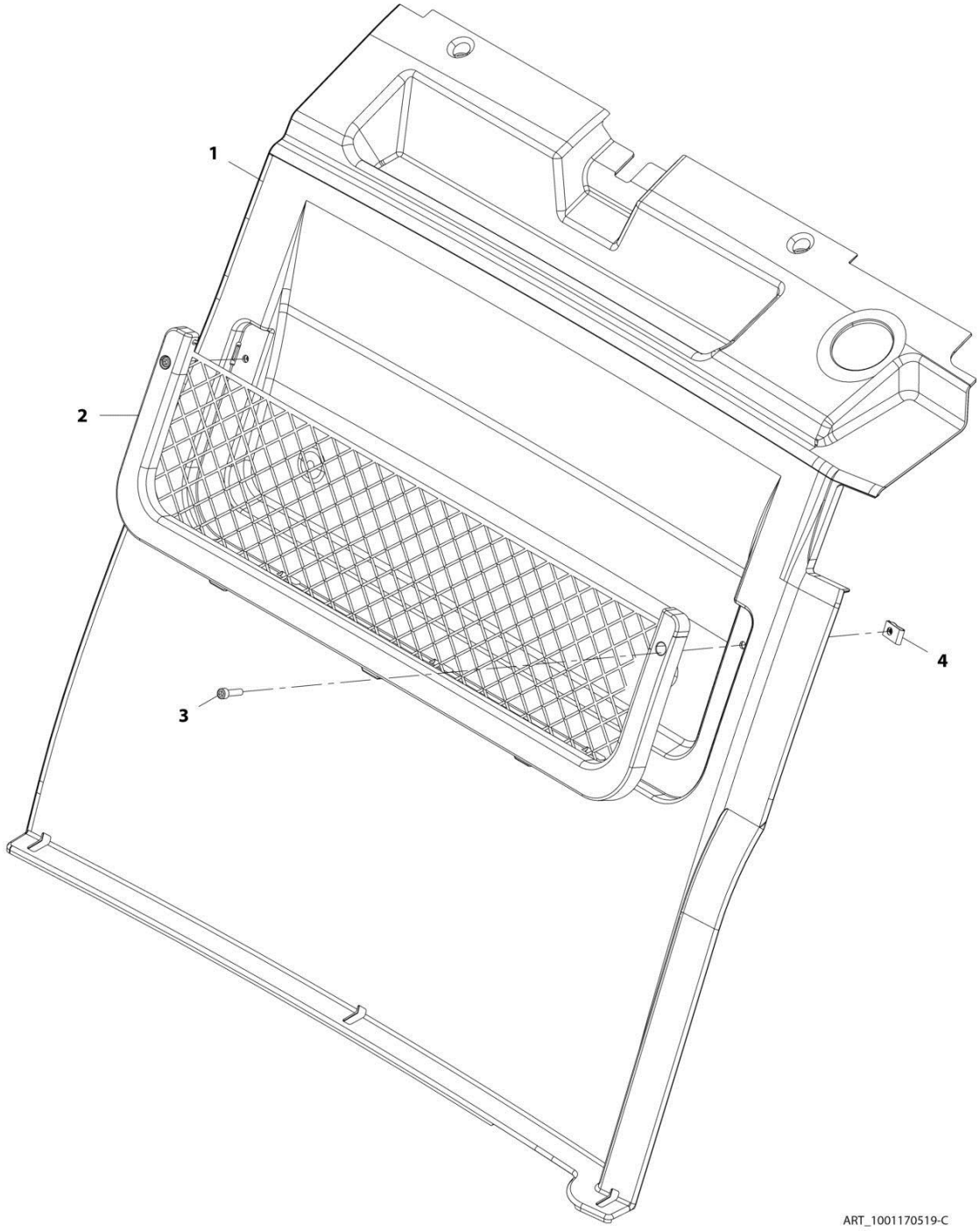


FIGURE 6-22. REAR PANEL COVER ASSEMBLY

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 6-23. ADJUSTABLE ARMREST INSTALLATION

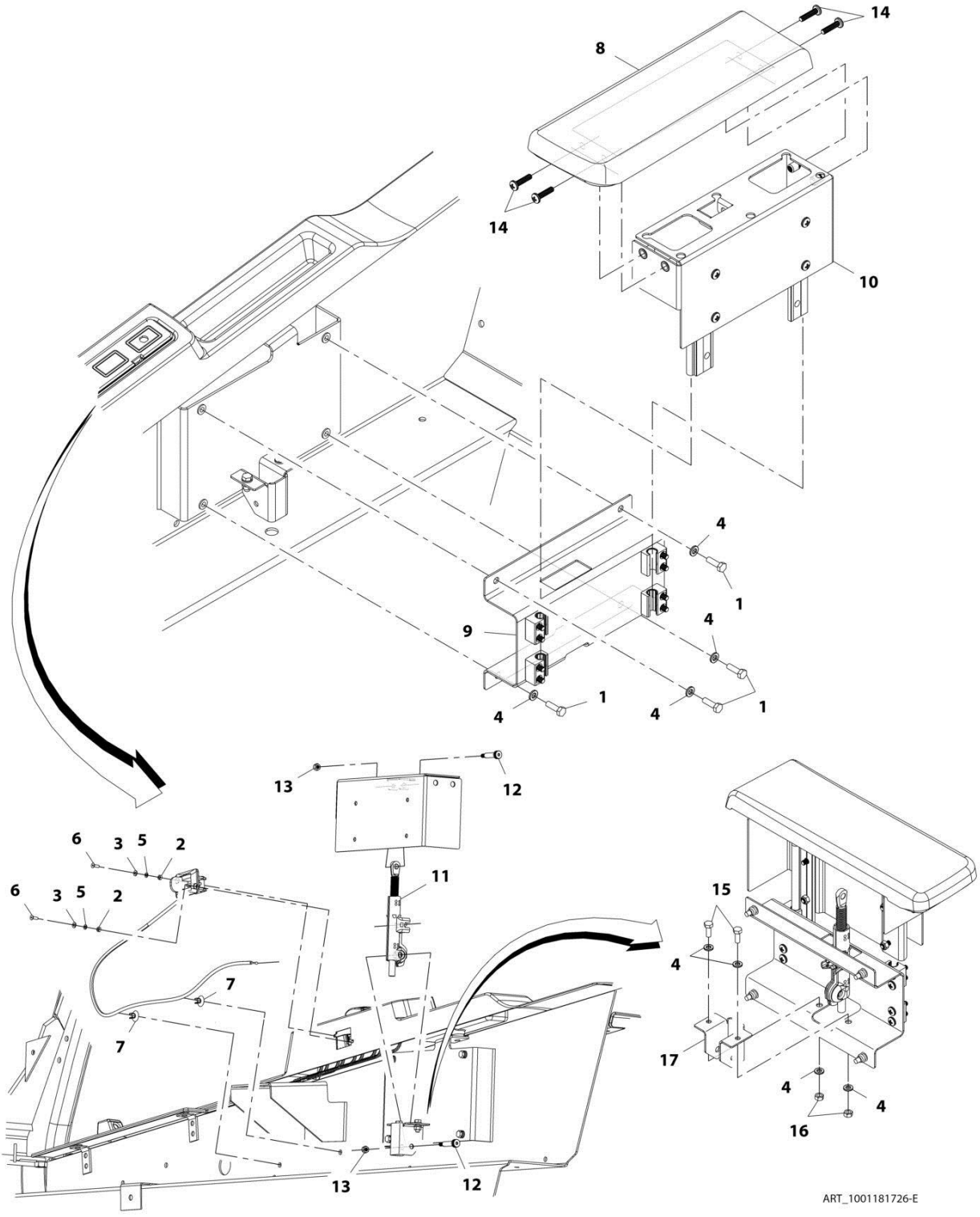


FIGURE 6-23. ADJUSTABLE ARMREST INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181726	Ref	Adjustable Armrest Installation	E
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	
9	1001191283	1	Bracket, Fixed Armrest	
10	1001191284	1	Bracket, Moving Armrest	
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 6-24. HEADLINER INSTALLATION

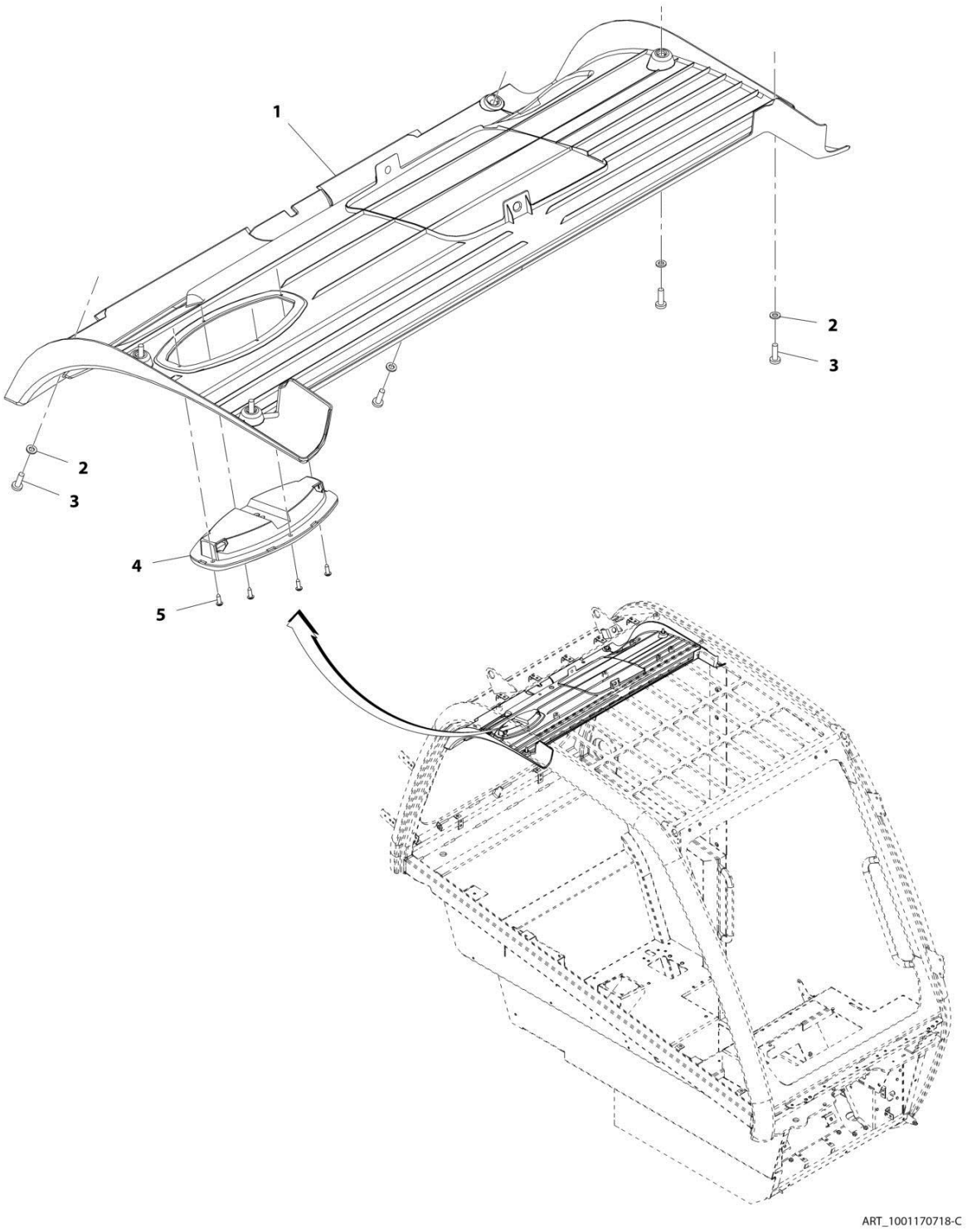


FIGURE 6-24. HEADLINER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170718	Ref	Headliner Installation	C
1	1001170716	1	Panel, Headliner	
2	4811700	6	Washer, M6	
3	4010610002	6	Screw, M6X20	
4	1001167015	1	Lamp	
5	7029486	4	Screw	

FIGURE 6-25. HEADLINER/RADIO READY INSTALLATION

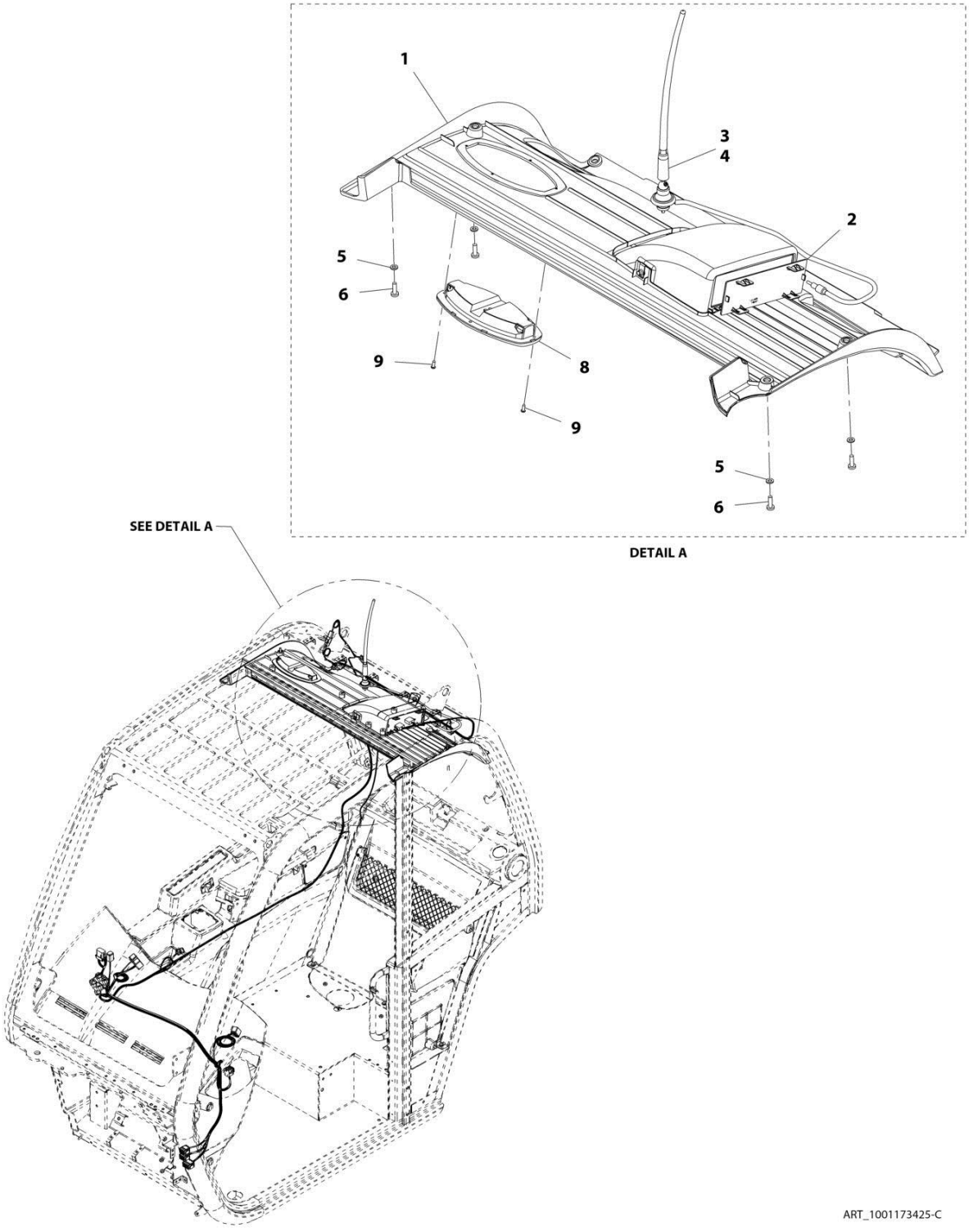


FIGURE 6-25. HEADLINER/RADIO READY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173425	Ref	Headliner/Radio Ready Installation	C
1	1001182836	1	Cover, Headliner	
2	1001200968	1	Plate	
3	8005901	1	Antenna	
4	1001116128	AR	Sealant, Polysiloxane	
5	4811700	6	Washer, 6M	
6	4010610002	6	Screw, M6X20	
8	1001167015	1	Lamp	
9	7029486	4	Screw	

FIGURE 6-26. COMMON CAB TRIM INSTALLATION

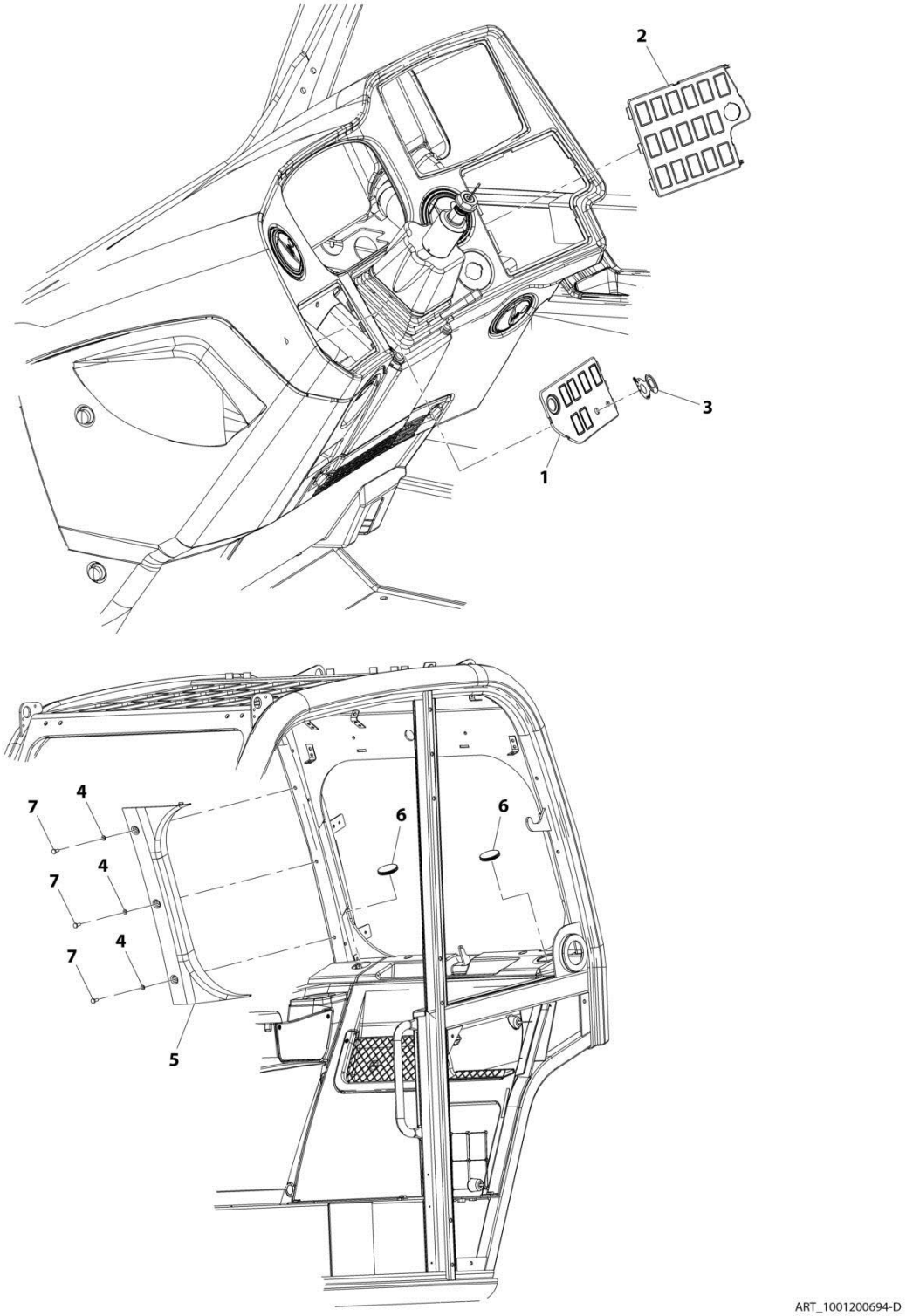


FIGURE 6-26. COMMON CAB TRIM INSTALLATION

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 6-27. CAB TRIM INSTALLATION (Prior to SN 1160008517)

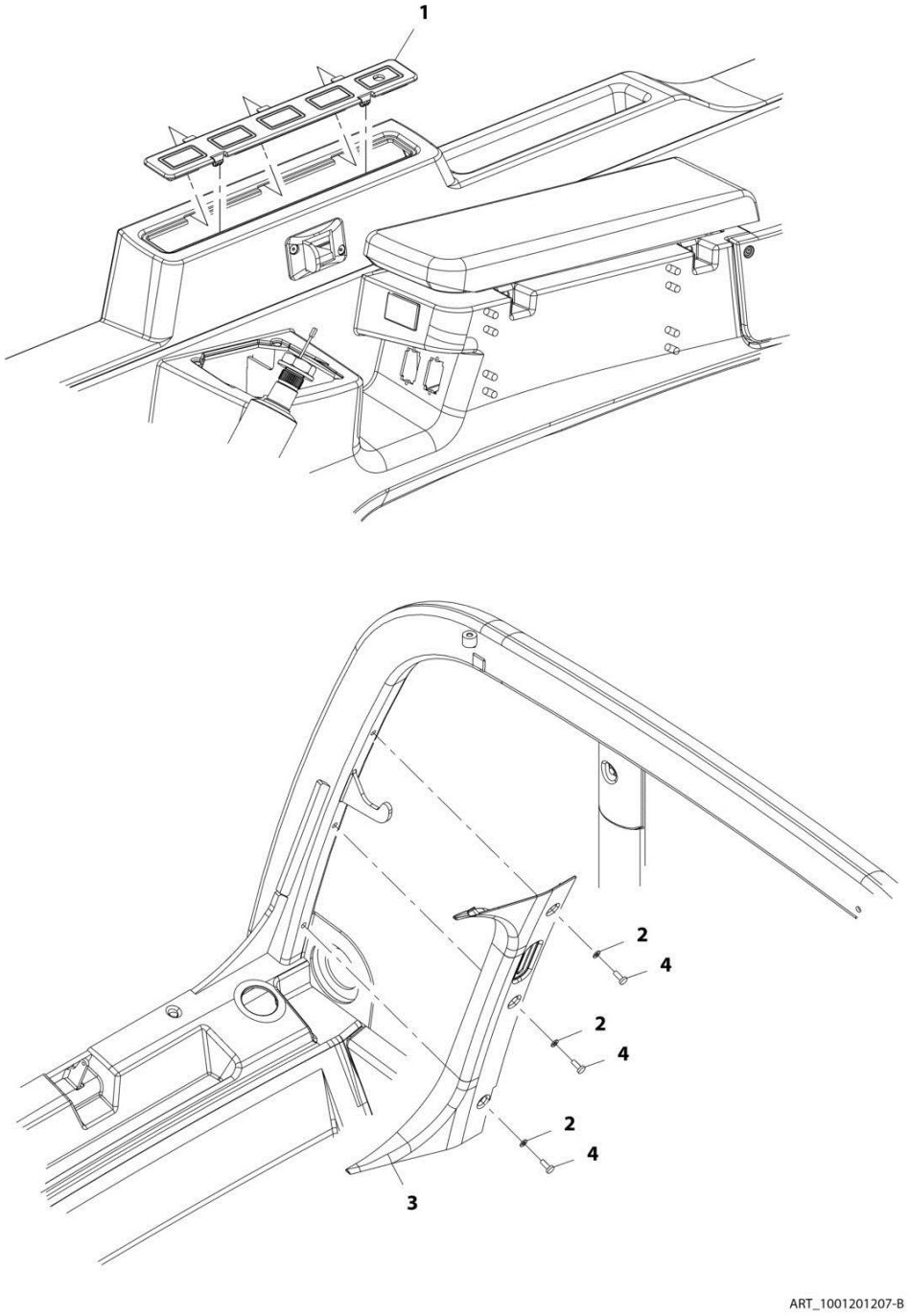


FIGURE 6-27. CAB TRIM INSTALLATION (Prior to SN 1160008517)

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 6-28. CAB TRIM INSTALLATION (SN 1160008517 to Present)

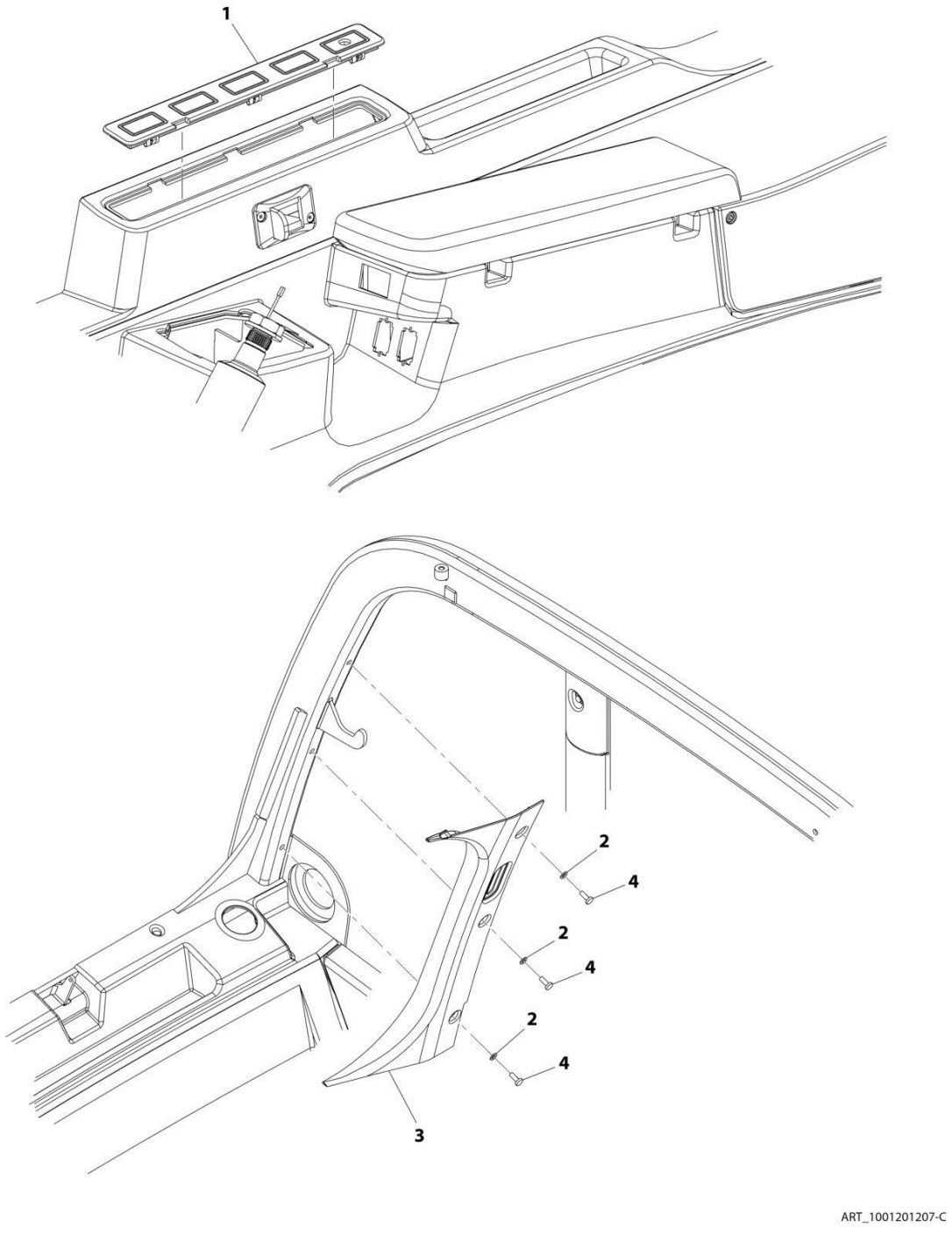


FIGURE 6-28. CAB TRIM INSTALLATION (SN 1160008517 to Present)

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 6-29. ROOF CAP INSTALLATION (A/C)

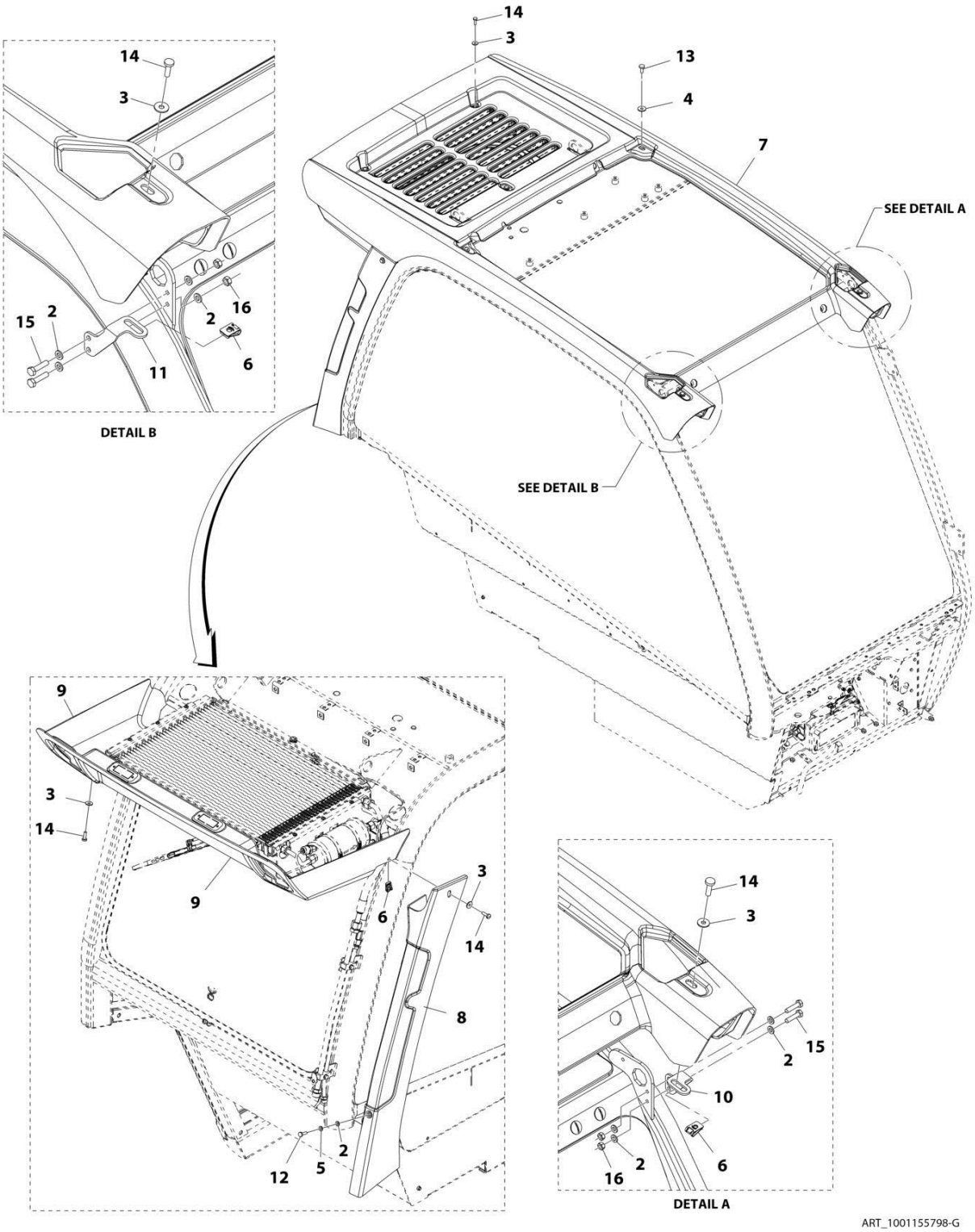


FIGURE 6-29. ROOF CAP INSTALLATION (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155798	Ref	Roof Cap Installation (A/C - AG - Deutz-Fahr)	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	1001155802	1	Cover, Upper Roof Cap	
8	1001174741	1	Cover	
9	1001176318	1	Cover, Lower Roof Cap	
10	1001174800	1	Bracket, Roof Cap	
11	1001174801	1	Bracket, Roof Cap	
12	4010608002	1	Screw, Posi-Drive, M6X16	
13	0760808	2	Bolt, M8X16	
14	4010610002	10	Screw, Posi-Drive M6X20	
15	0700612	4	Bolt, M6X25	
16	3290601	4	Nut, M6X1	

FIGURE 6-30. ROOF CAP INSTALLATION (NO A/C)

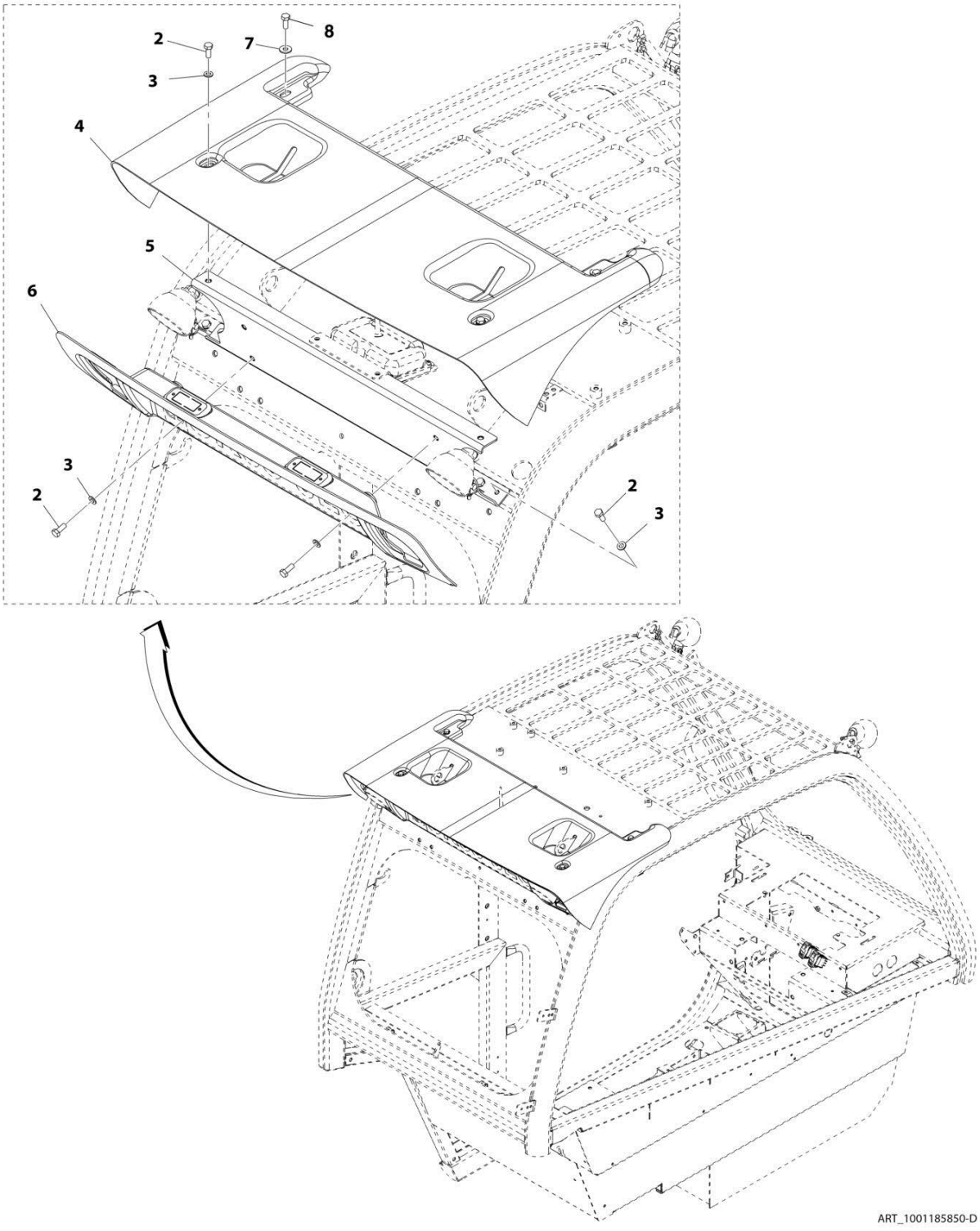


FIGURE 6-30. ROOF CAP INSTALLATION (NO A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185850	Ref	Roof Cap Installation (No A/C - Deutz-Fahr)	D
2	0760810	8	Bolt, M8X20	
3	4811900	8	Washer, M8	
4	1001182332	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 6-31. FRONT COVER INSTALLATION

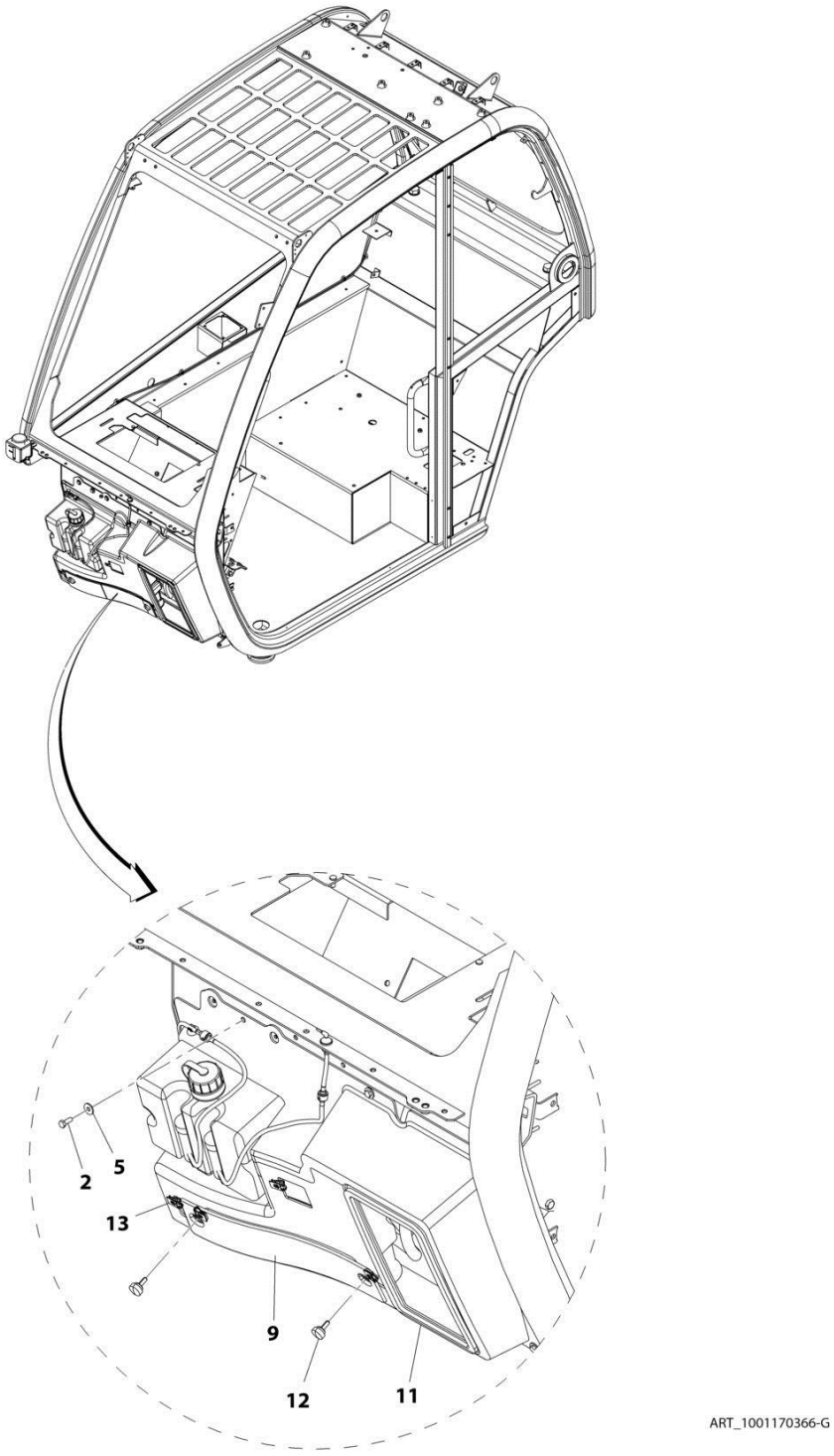
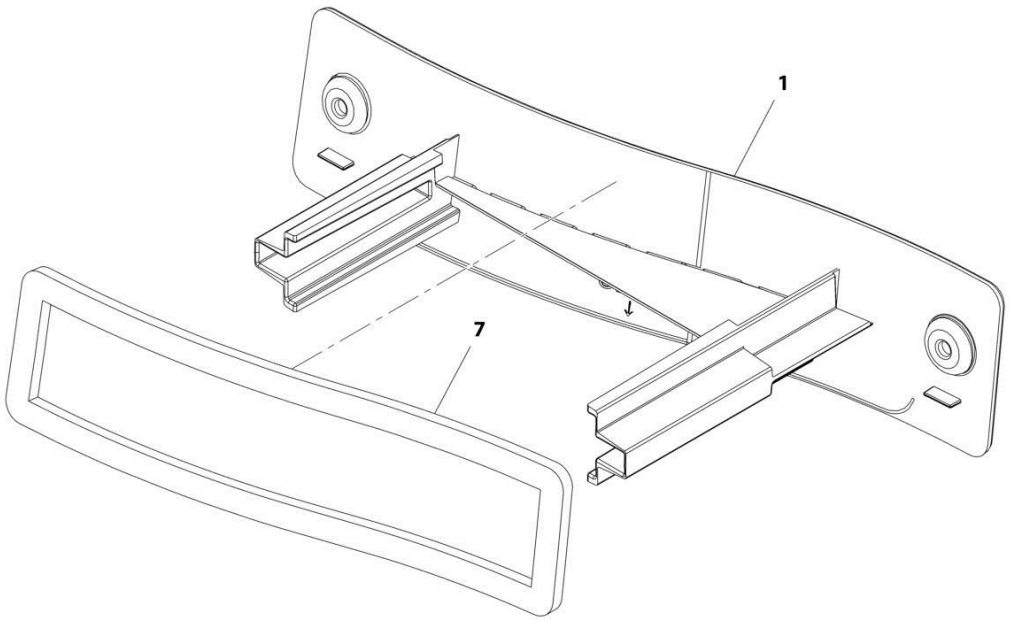


FIGURE 6-31. FRONT COVER INSTALLATION

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 6-32. FILTER TRAY PANEL



ART_1001175471-D

FIGURE 6-32. 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 6-33. FRONT DUCT COVER

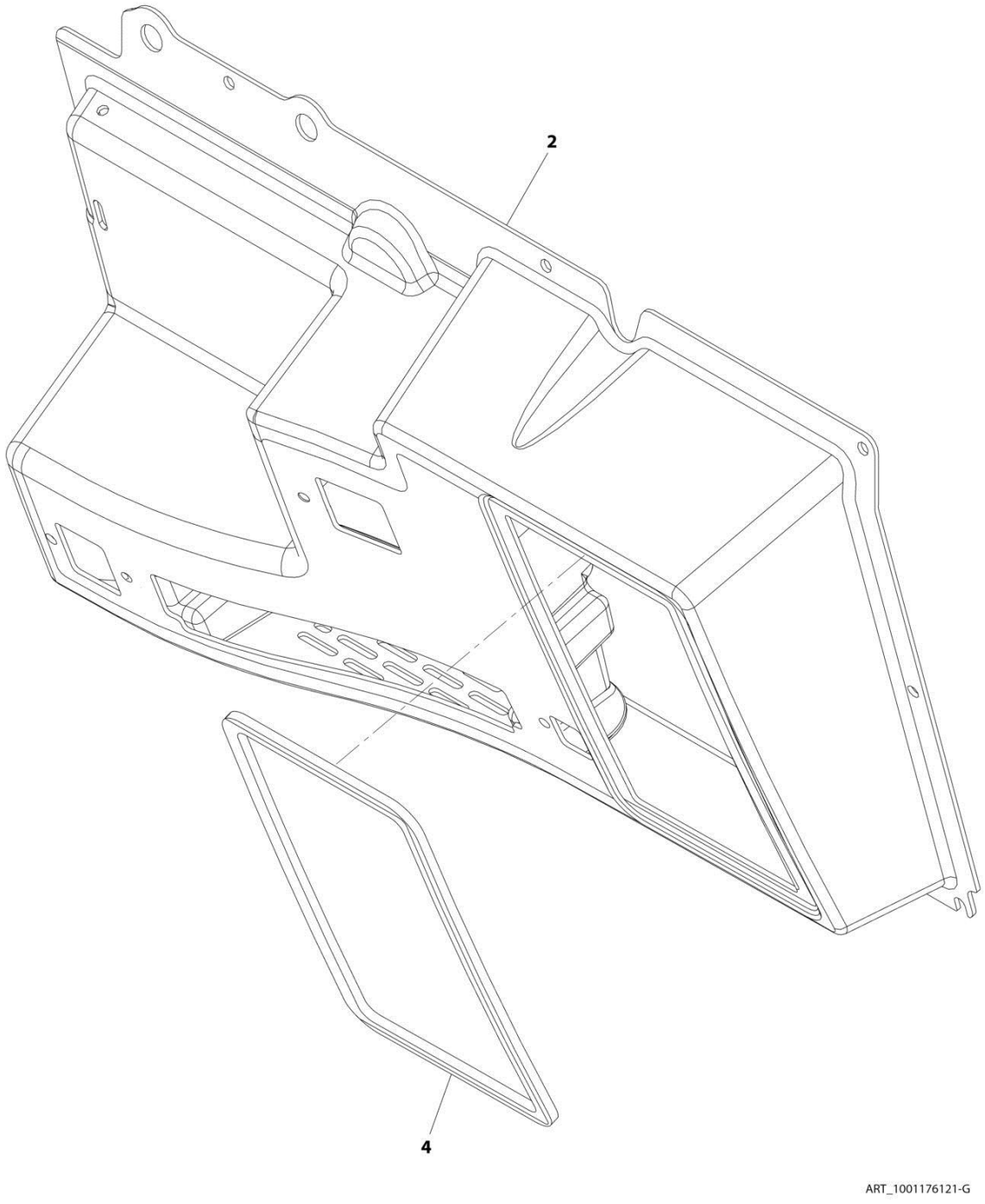


FIGURE 6-33. FRONT DUCT COVER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176121	Ref	Font Duct Cover	G
2	1001170326	1	Cover, Front	
4	1001175470	1	Seal, Front Cab Panel	

FIGURE 6-34. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

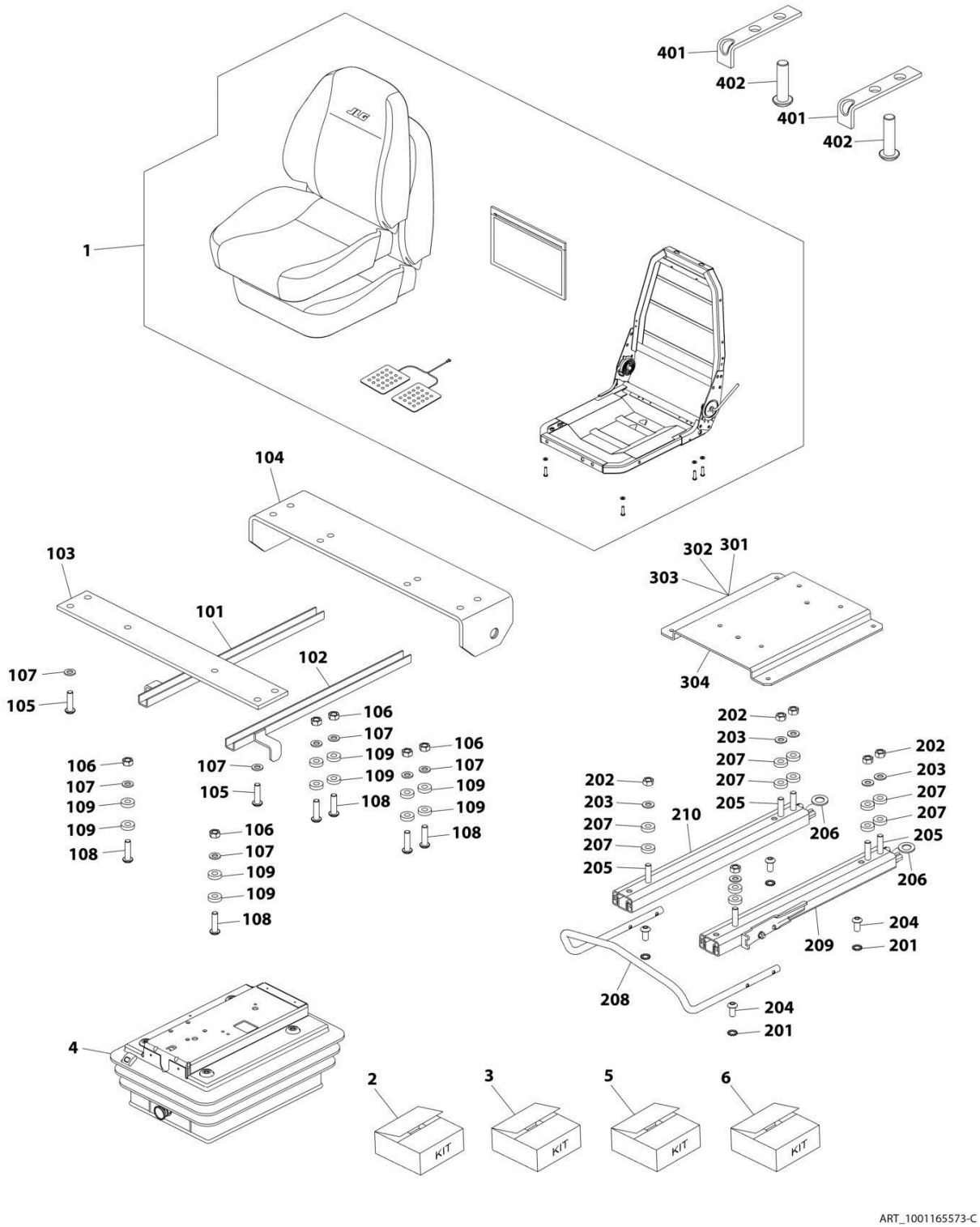


FIGURE 6-34. SEAT ASSEMBLY (AIR SUSPENSION - STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165573	1	Seat Assembly	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 6-35. SEAT INSTALLATION (STANDARD)

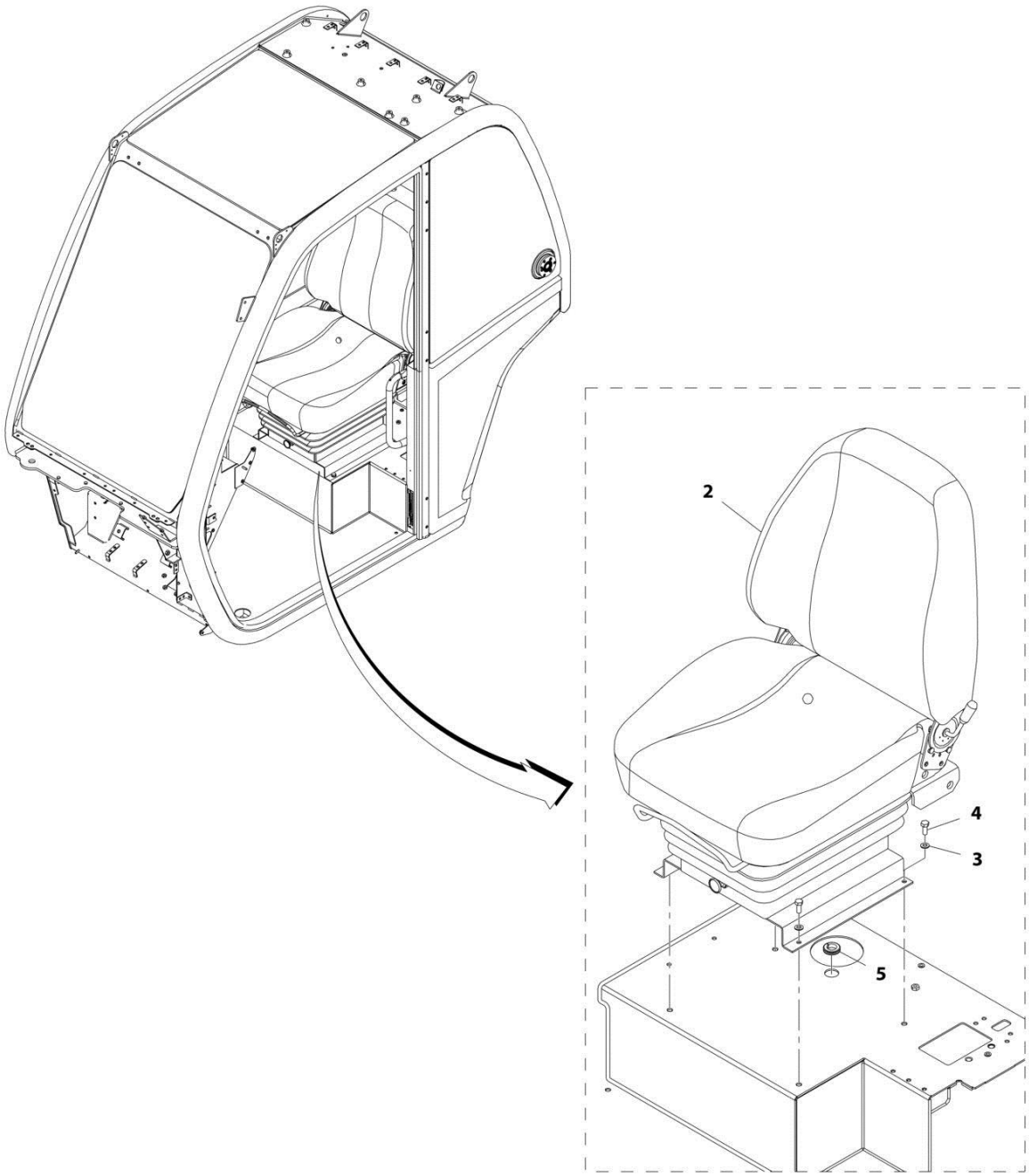


FIGURE 6-35. SEAT INSTALLATION (STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158595	Ref	Seat Installation (Standard - Deutz-Fahr)	C
2	1001165574	1	Seat, Assembly (See Separate Breakdown in this Section)	
3	4811900	4	Washer, M8	
4	0760810	4	Bolt, M8X20	
5	1001216974	1	Grommet	

FIGURE 6-36. SEAT ASSEMBLY

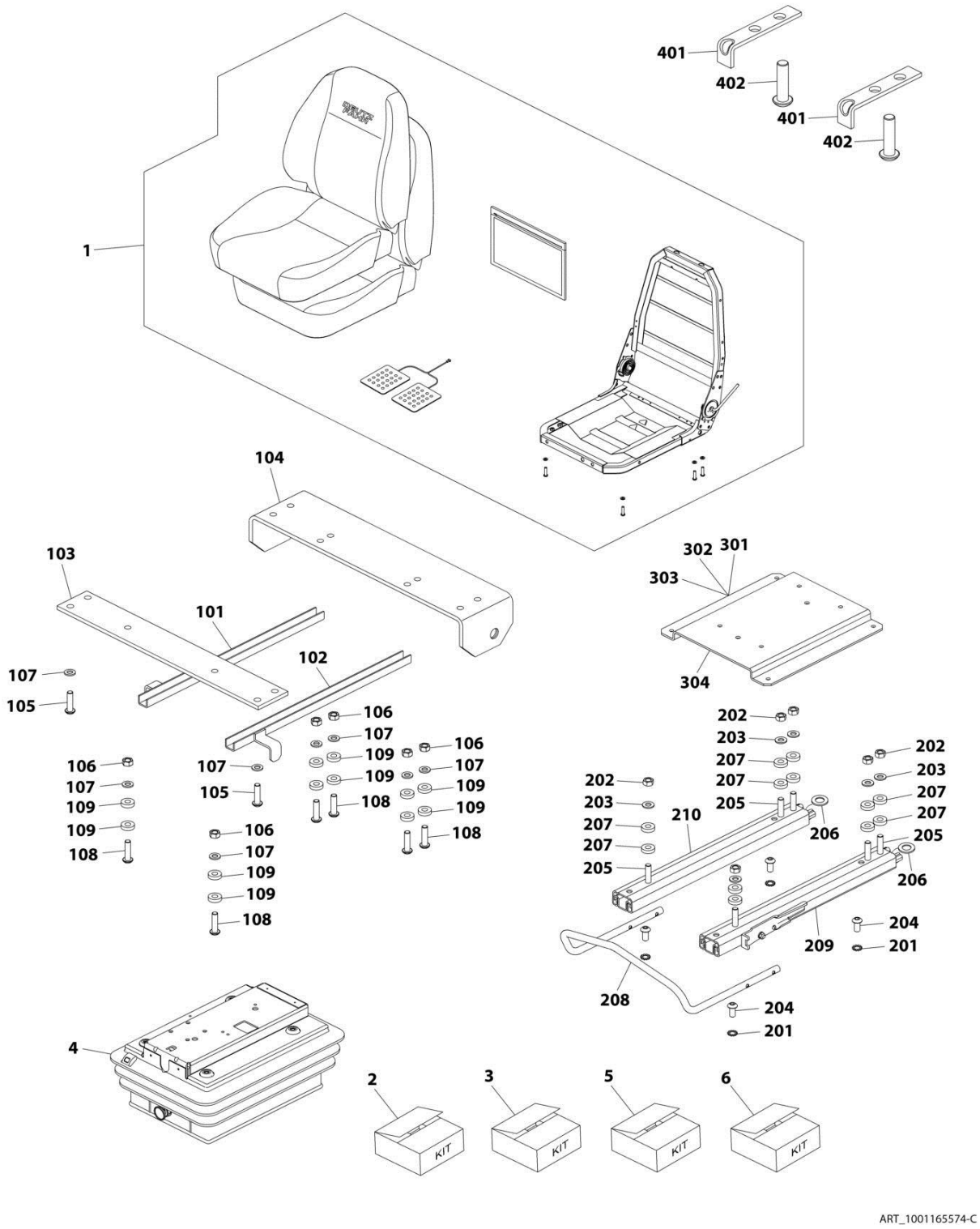


FIGURE 6-36. SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165574	Ref	Seat Assembly	C
1	70027396	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, Front Strap	
104	N.S.S.	1	Plate, Rear 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.	6	Nut, M8	
203	N.S.S.	10	Washer	
204	N.S.S.	4	Bolt, M8X16	
205	N.S.S.	6	Bolt, M8X30	
206	N.S.S.	2	Washer	
207	N.S.S.	12	Spacer	
208	N.S.S.	1	Handle	
209	N.S.S.	1	Sliderail	
210	N.S.S.	1	Sliderail	
301	N.S.S.	2	Bolt, M8X25	
302	N.S.S.	2	Bolt, M8X16	
303	N.S.S.	4	Washer	
304	N.S.S.	1	Plate, Adapter	
401	N.S.S.	2	Stop, Sliderail	
402	N.S.S.	12	Bolt, M8X16	

FIGURE 6-37. SEAT INSTALLATION (PREMIUM)

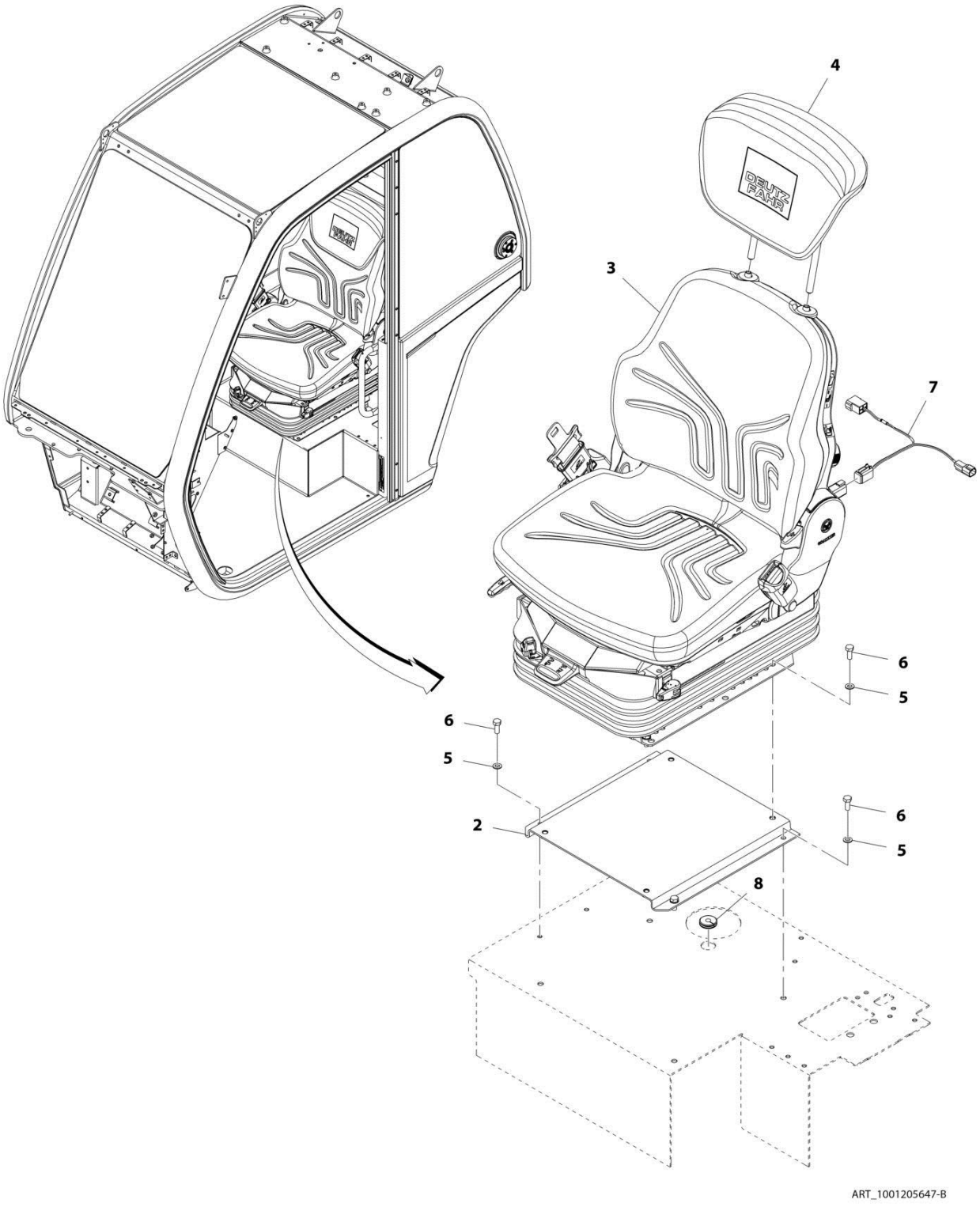


FIGURE 6-37. SEAT INSTALLATION (PREMIUM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205647	Ref	Seat Installation (Premium - Deutz-Fahr)	B
2	1001158736C	1	Plinth, Seat	
3	1001169135	1	Assembly, Seat	
4	1001152521	1	Headrest, Seat	
5	4811900	8	Washer, M8	
6	0760810	8	Bolt, M8X20	
7	1001168531	1	Harness, Seat Adaptor (See Separate Breakdown in ELECTRICAL Section)	
8	1001216974	1	Grommet	

FIGURE 6-38. SEAT INSTALLATION (MECHANICAL)

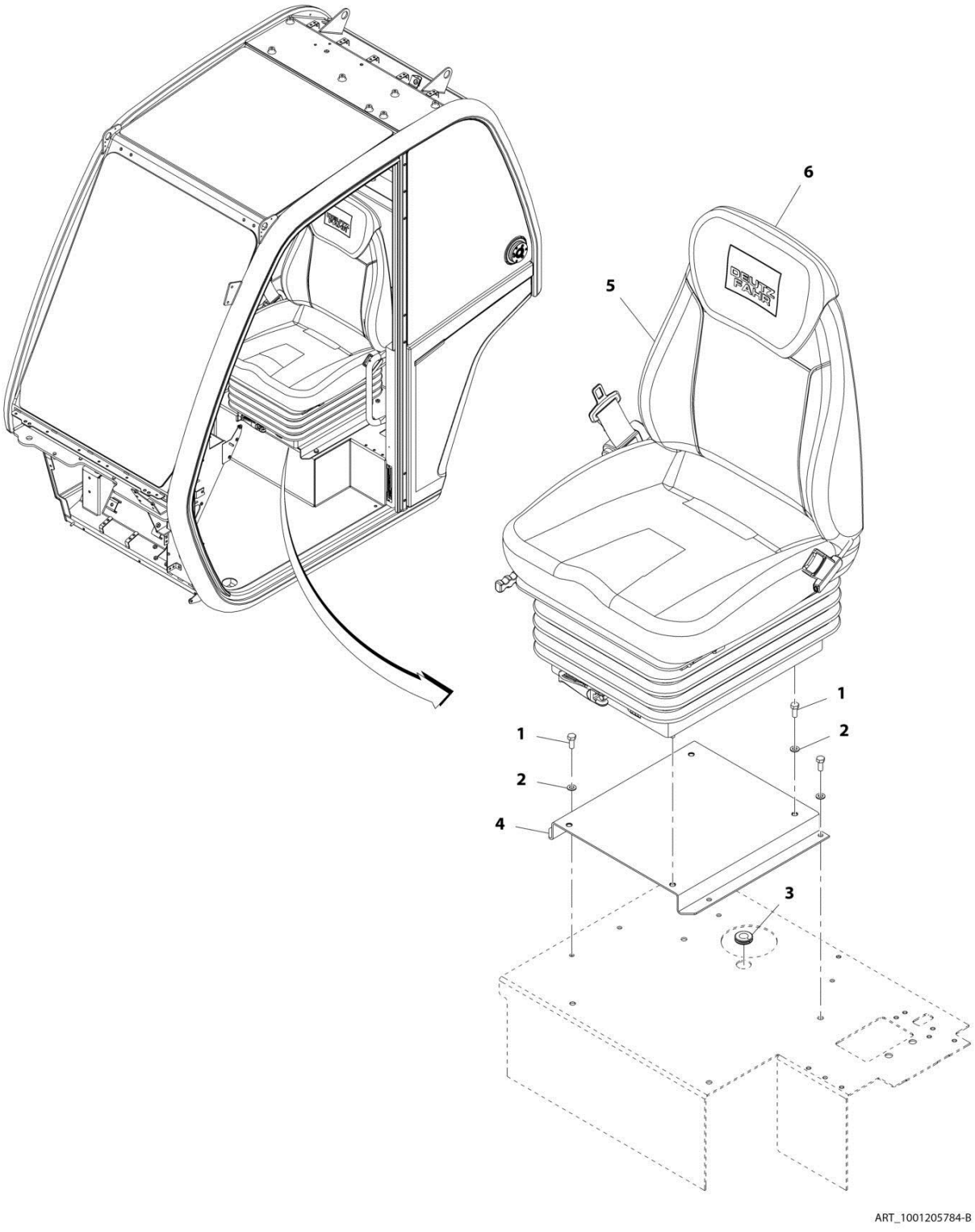


FIGURE 6-38. SEAT INSTALLATION (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205784	Ref	Seat Installation (Mechanical - Deutz-Fahr)	B
1	0760810	8	Bolt, M8X20	
2	4811900	8	Washer, M8	
3	1001216974	1	Grommet	
4	1001205514	1	Plinth, Seat	
5	1001150294	1	Seat, Assembly (See Separate Breakdown in this Section)	
6	1001182552	1	Headrest, Cloth	

FIGURE 6-39. SEAT ASSEMBLY

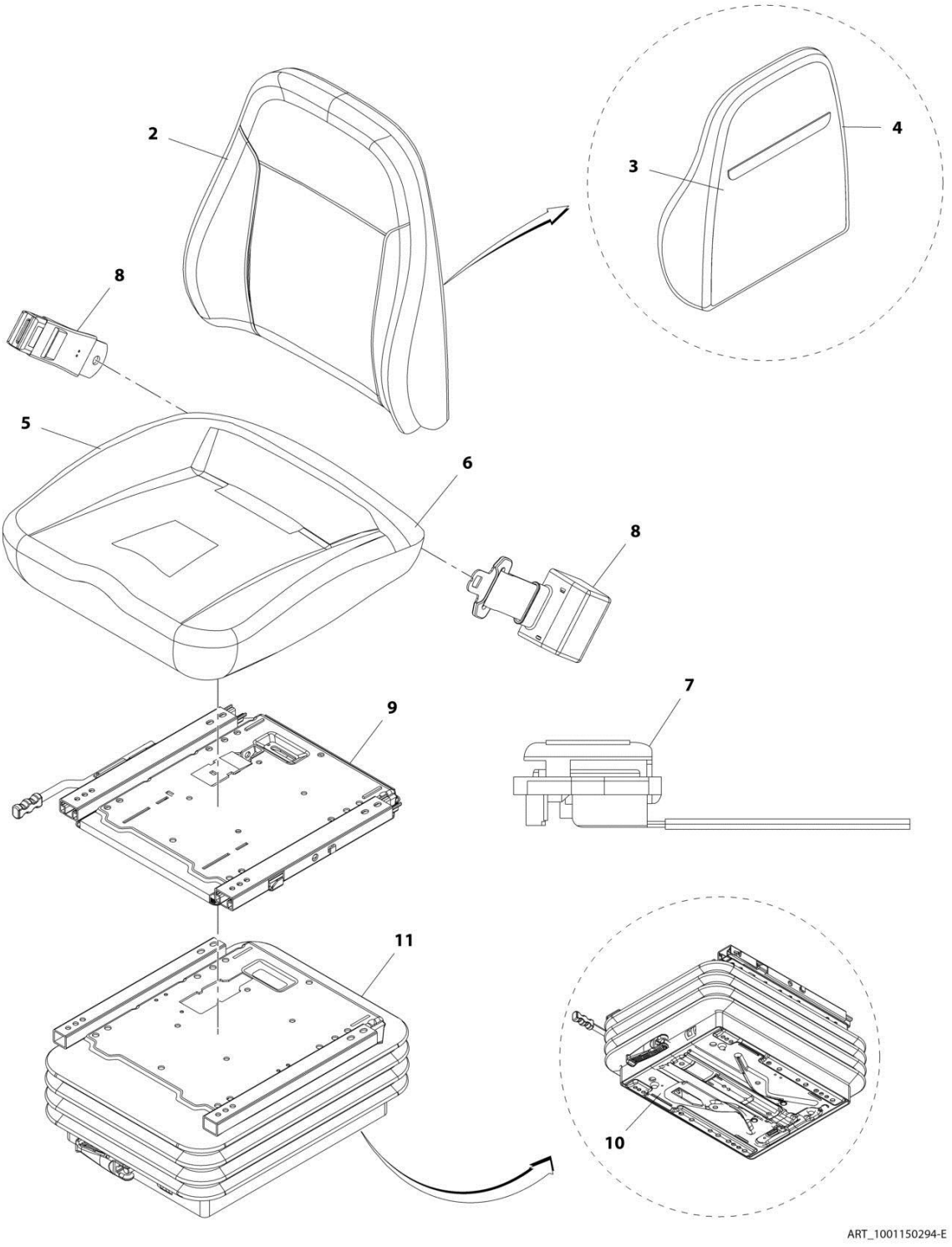


FIGURE 6-39. SEAT ASSEMBLY

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

FIGURE 6-40. UPPER SEAT ASSEMBLY

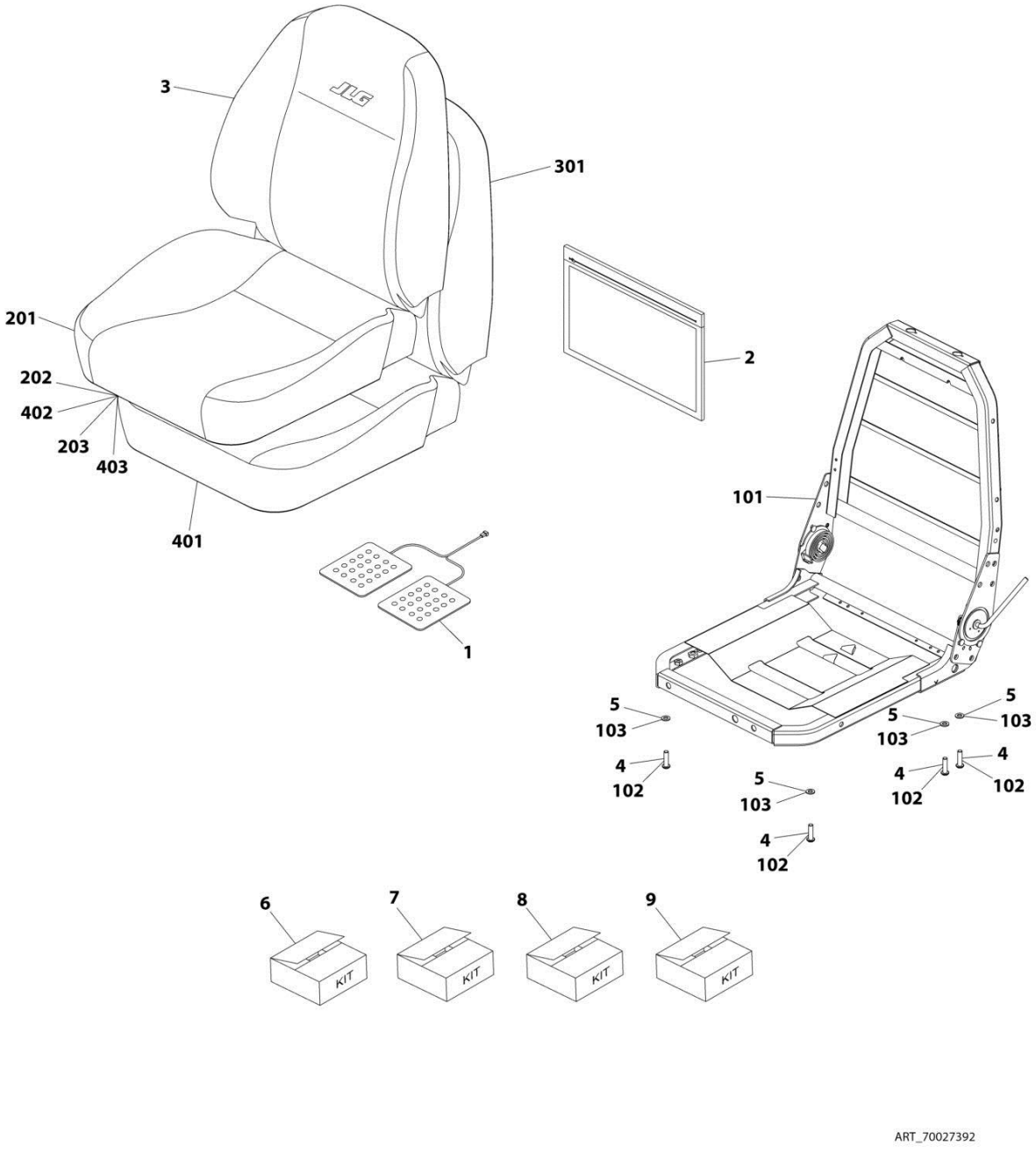


FIGURE 6-40. UPPER SEAT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70027392	Ref	Assembly, Upper Seat	
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 6-41. UPPER SEAT ASSEMBLY

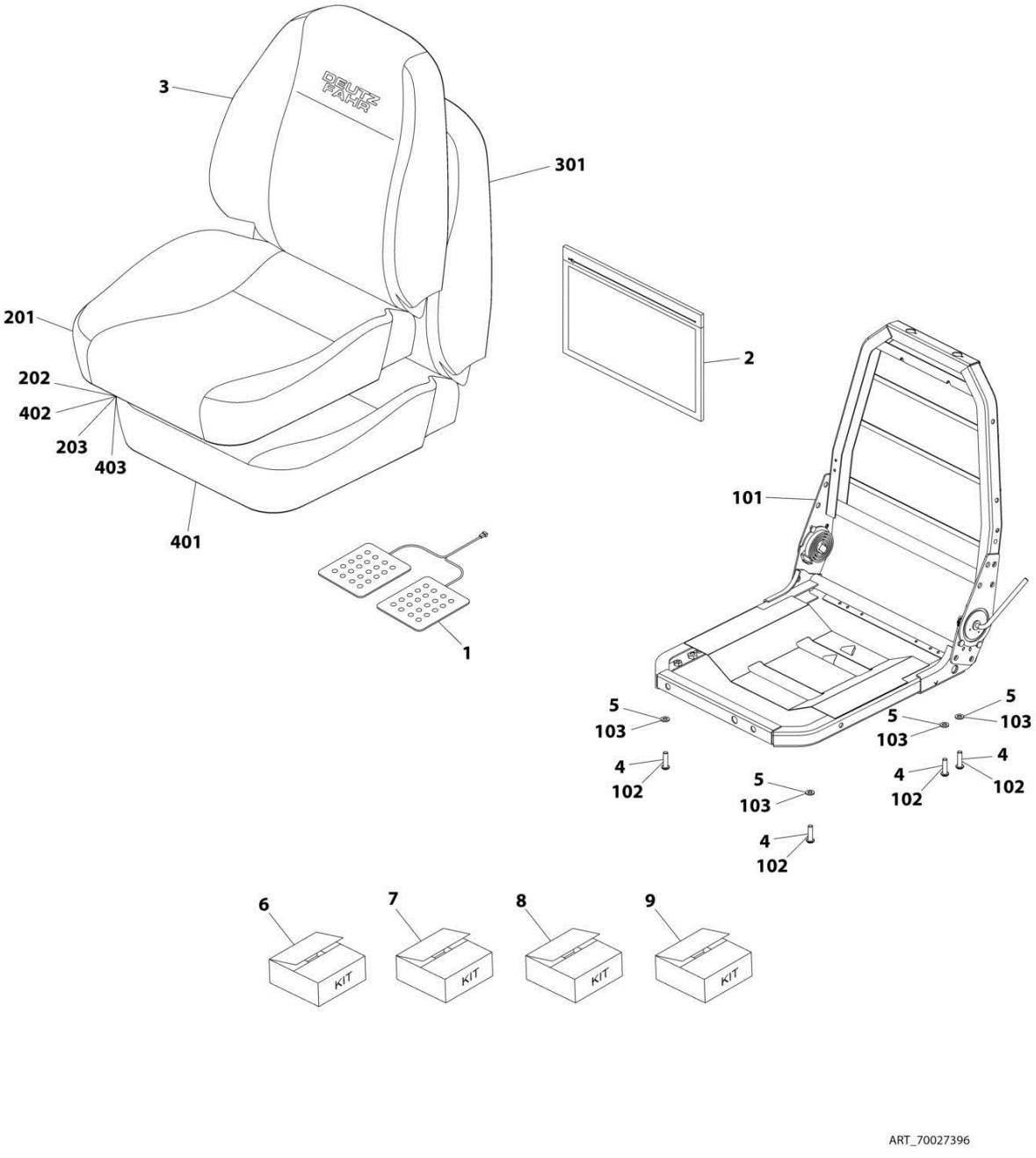


FIGURE 6-41. UPPER SEAT ASSEMBLY

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 6-42. SUSPENSION KIT

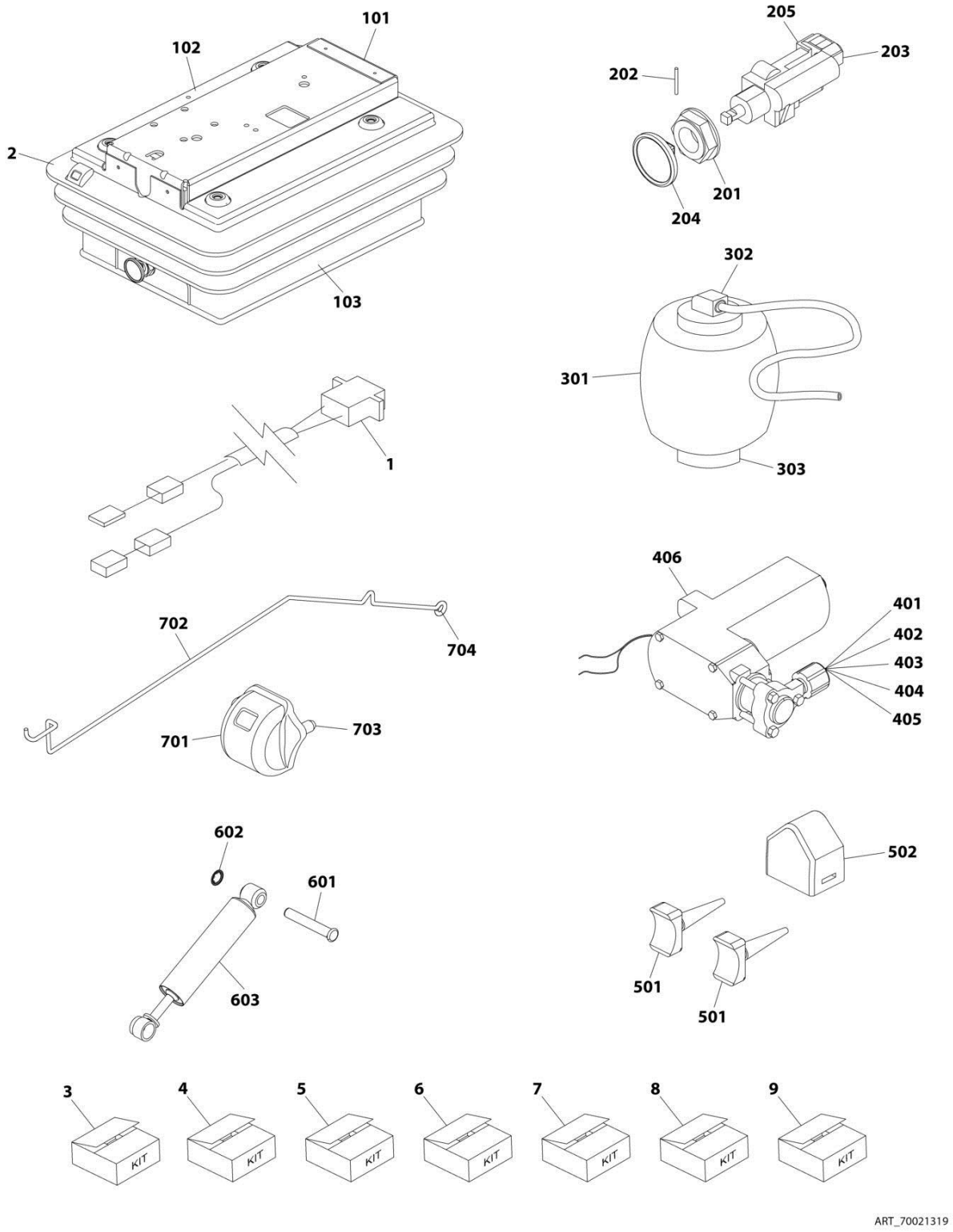


FIGURE 6-42. SUSPENSION KIT

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 6-43. SEAT BELT INSTALLATION (3IN)

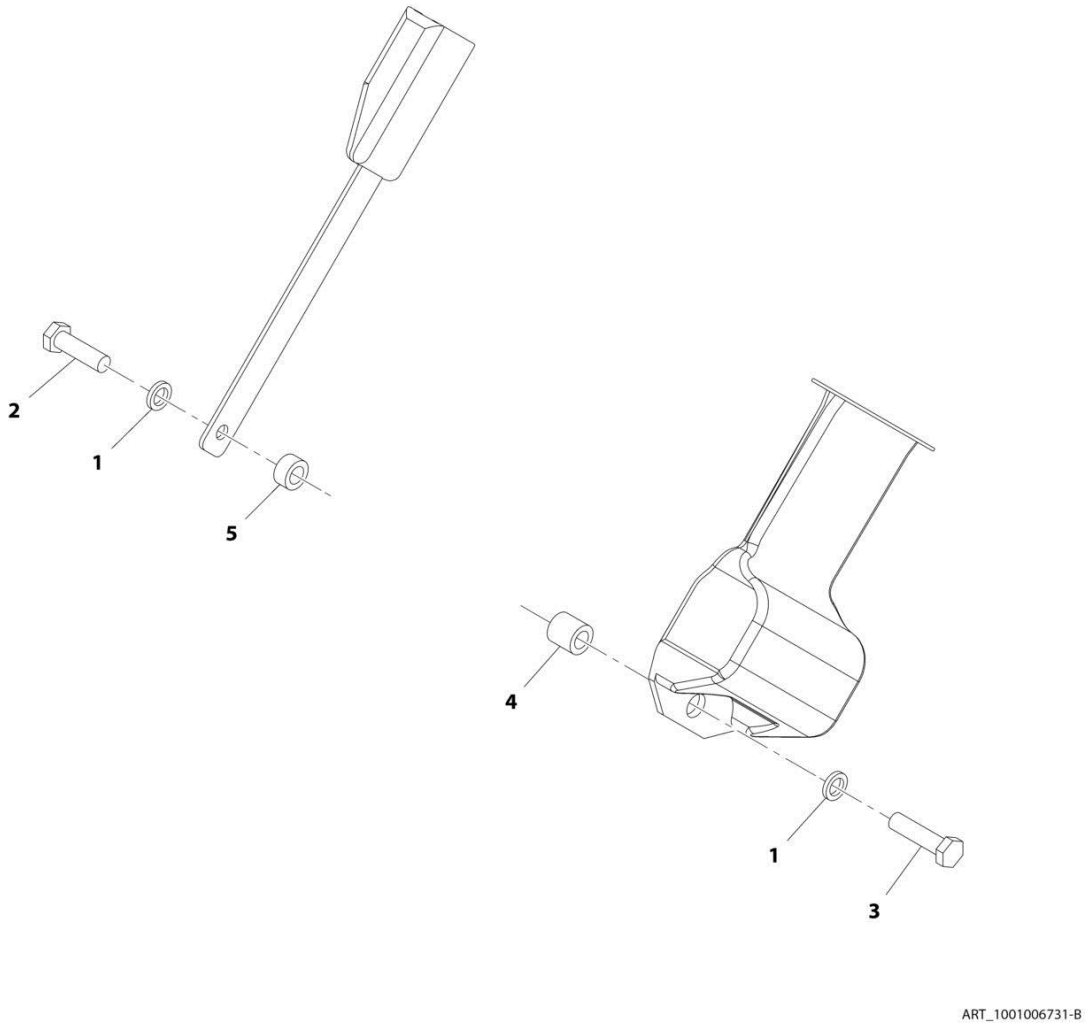


FIGURE 6-43. SEAT BELT INSTALLATION (3IN)

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 6-44. SEAT BELT INSTALLATION (2IN)

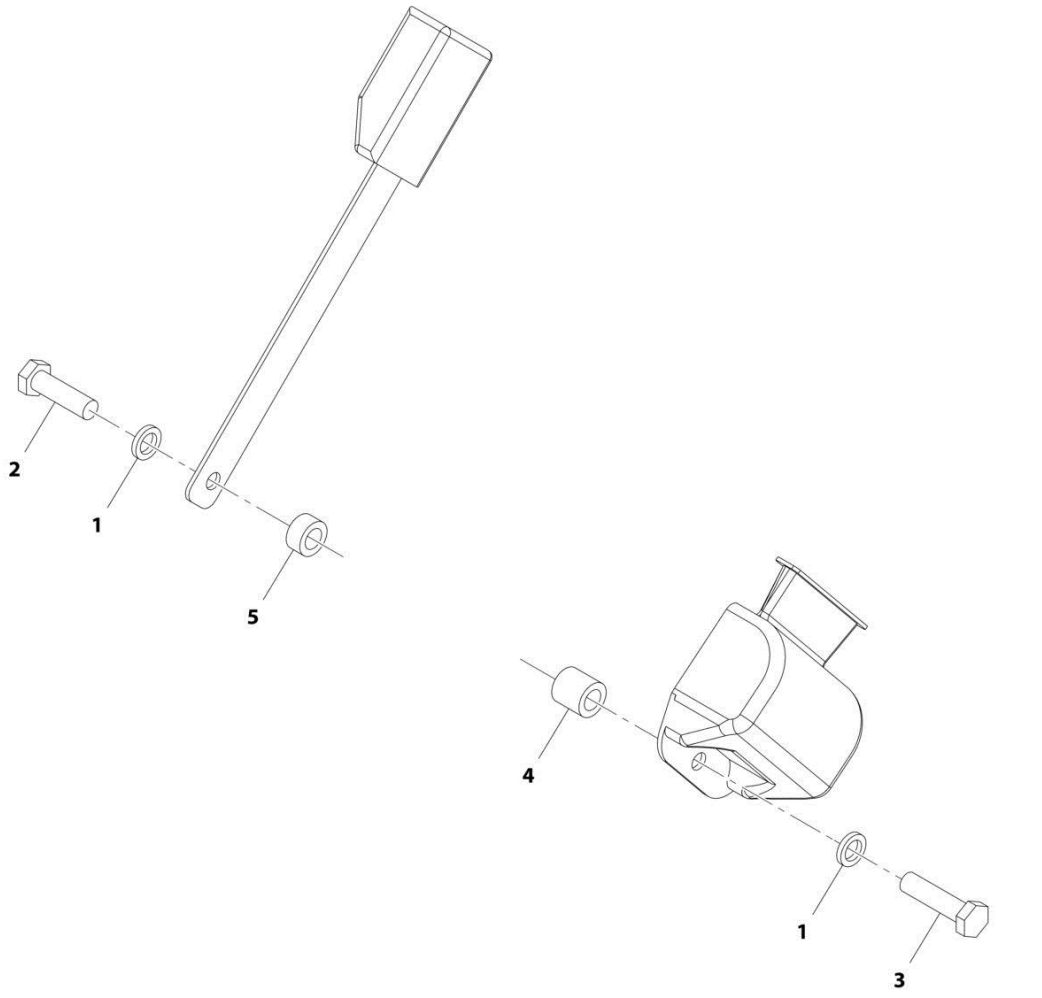


FIGURE 6-44. SEAT BELT INSTALLATION (2IN)

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

FIGURE 6-45. HEATER INSTALLATION (Prior to SN 1160008518)

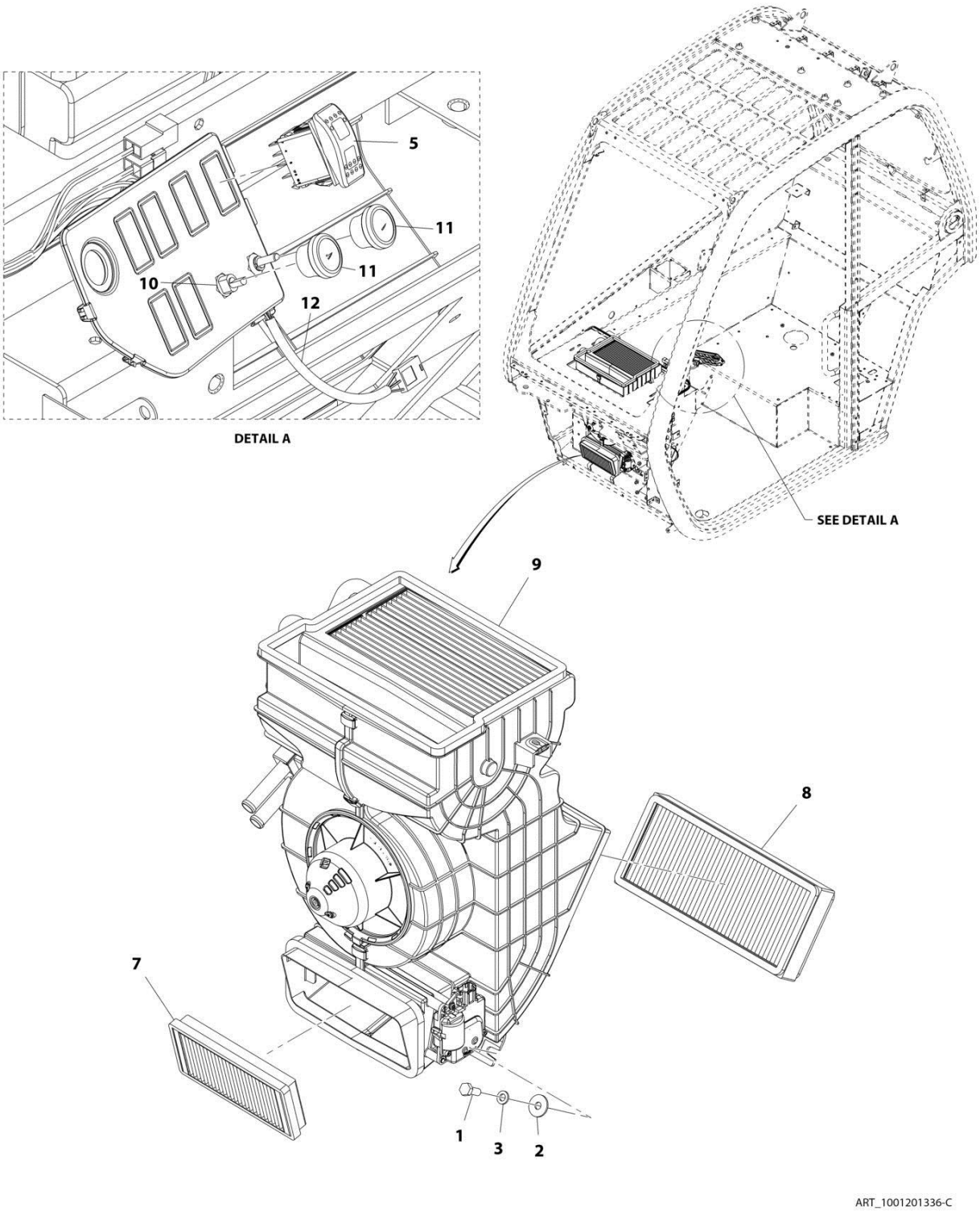


FIGURE 6-45. HEATER INSTALLATION (Prior to SN 1160008518)

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 6-46. HEATER INSTALLATION (SN 1160008518 to Present)

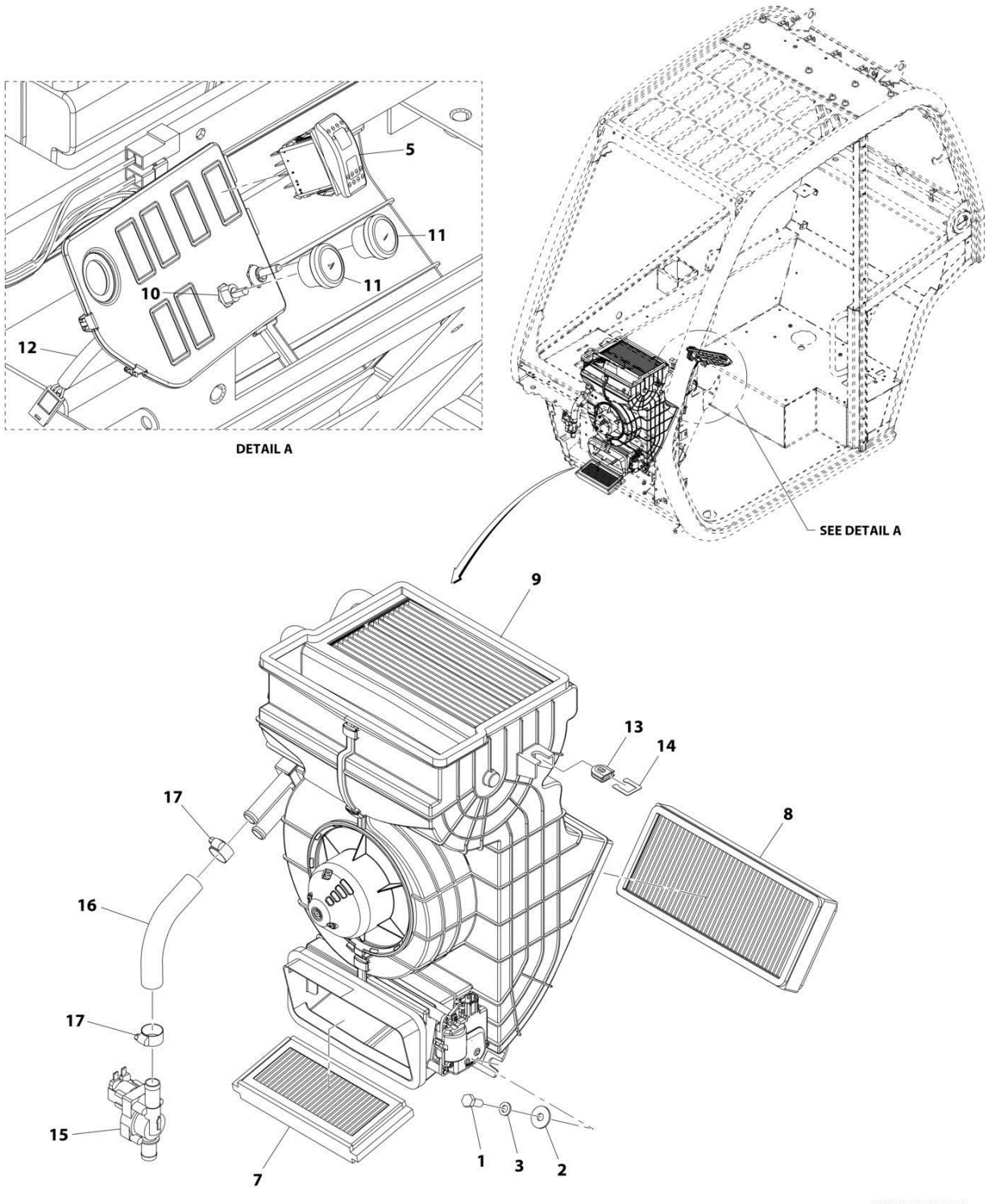
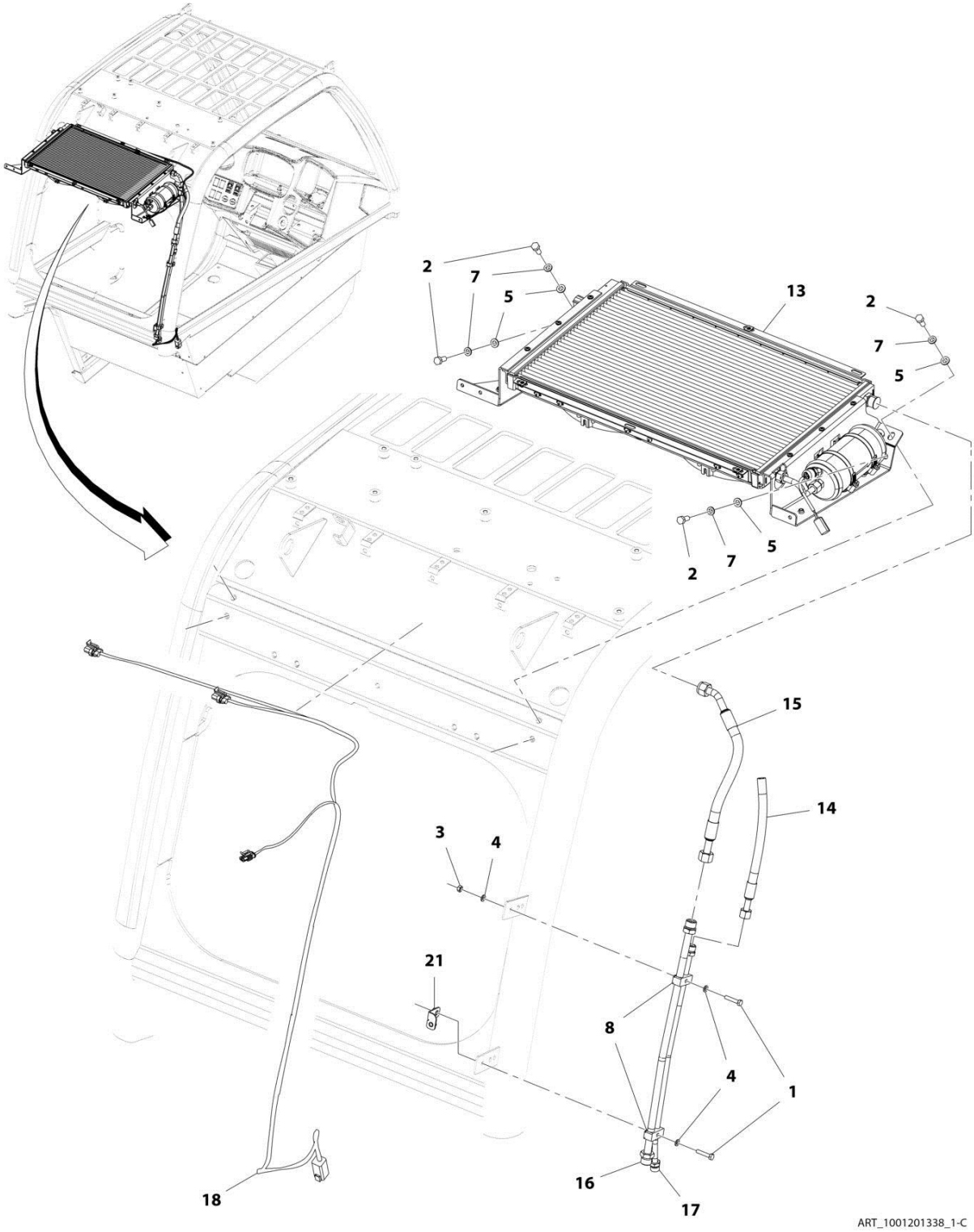


FIGURE 6-46. HEATER INSTALLATION (SN 1160008518 to Present)

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 6-47. HEATER AND A/C INSTALLATION (Prior to SN 1160008518)



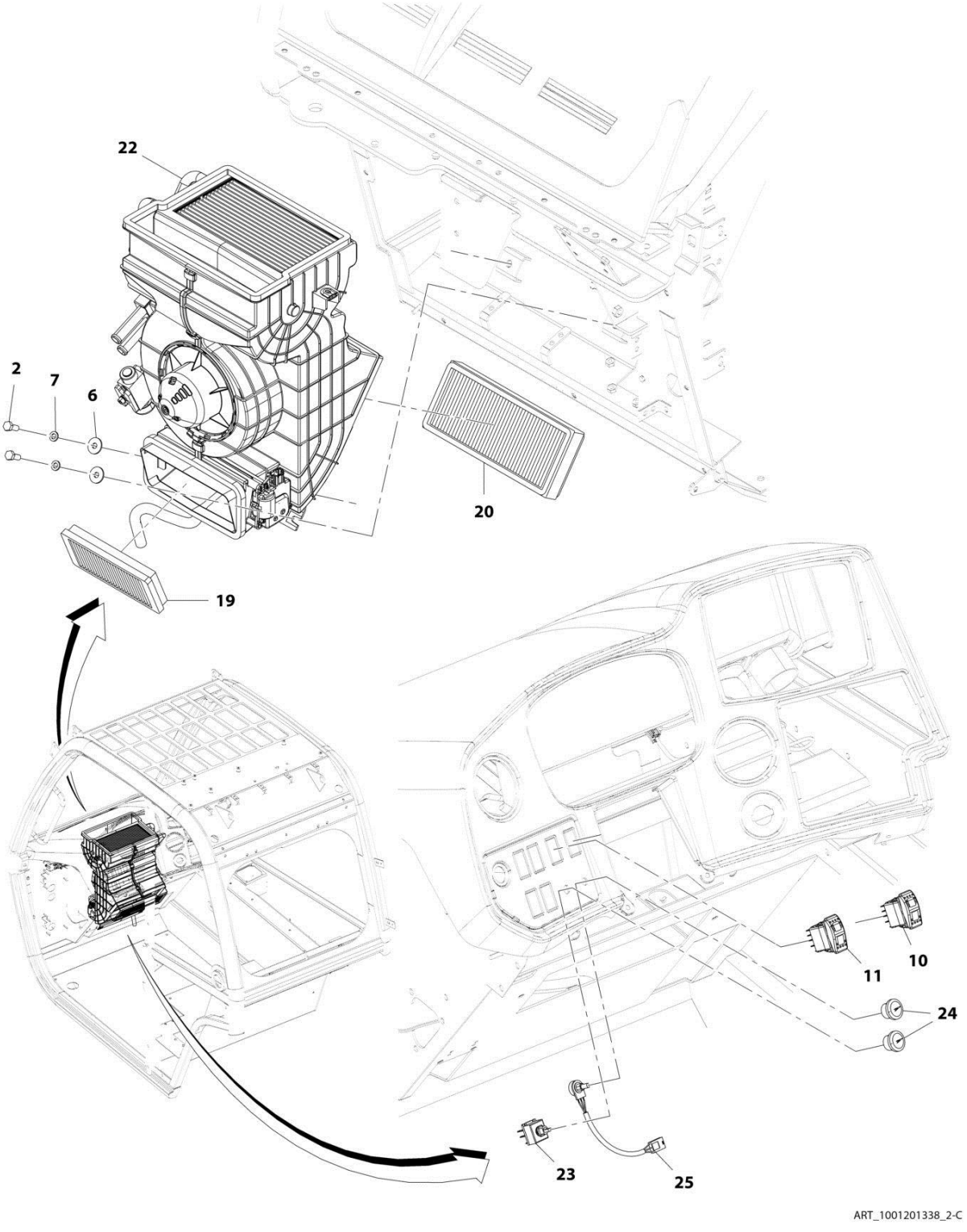
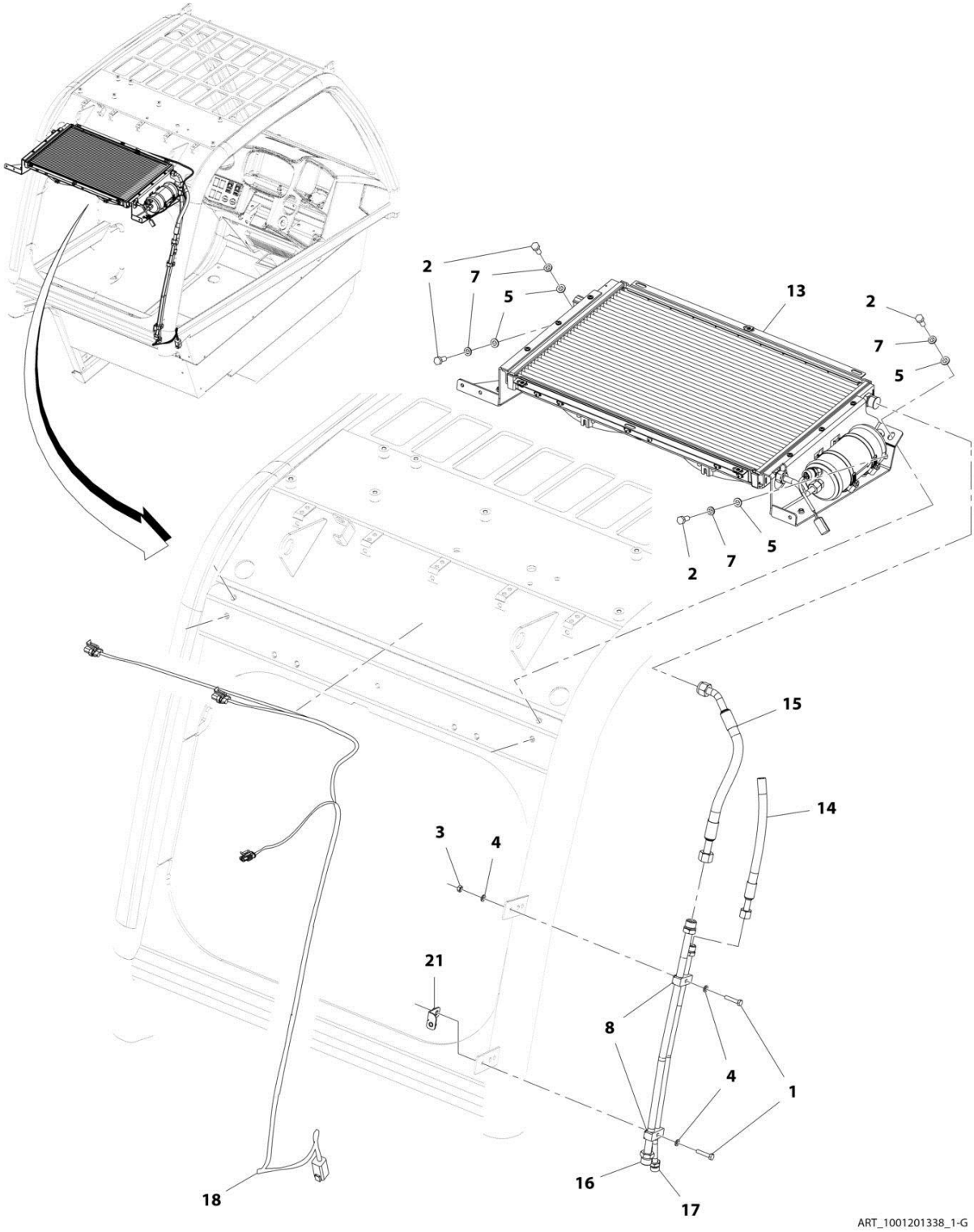

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ART_1001201338_2-C

FIGURE 6-47. HEATER AND A/C INSTALLATION (Prior to SN 1160008518)

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 6-48. HEATER AND A/C INSTALLATION (SN 1160008518 to Present)



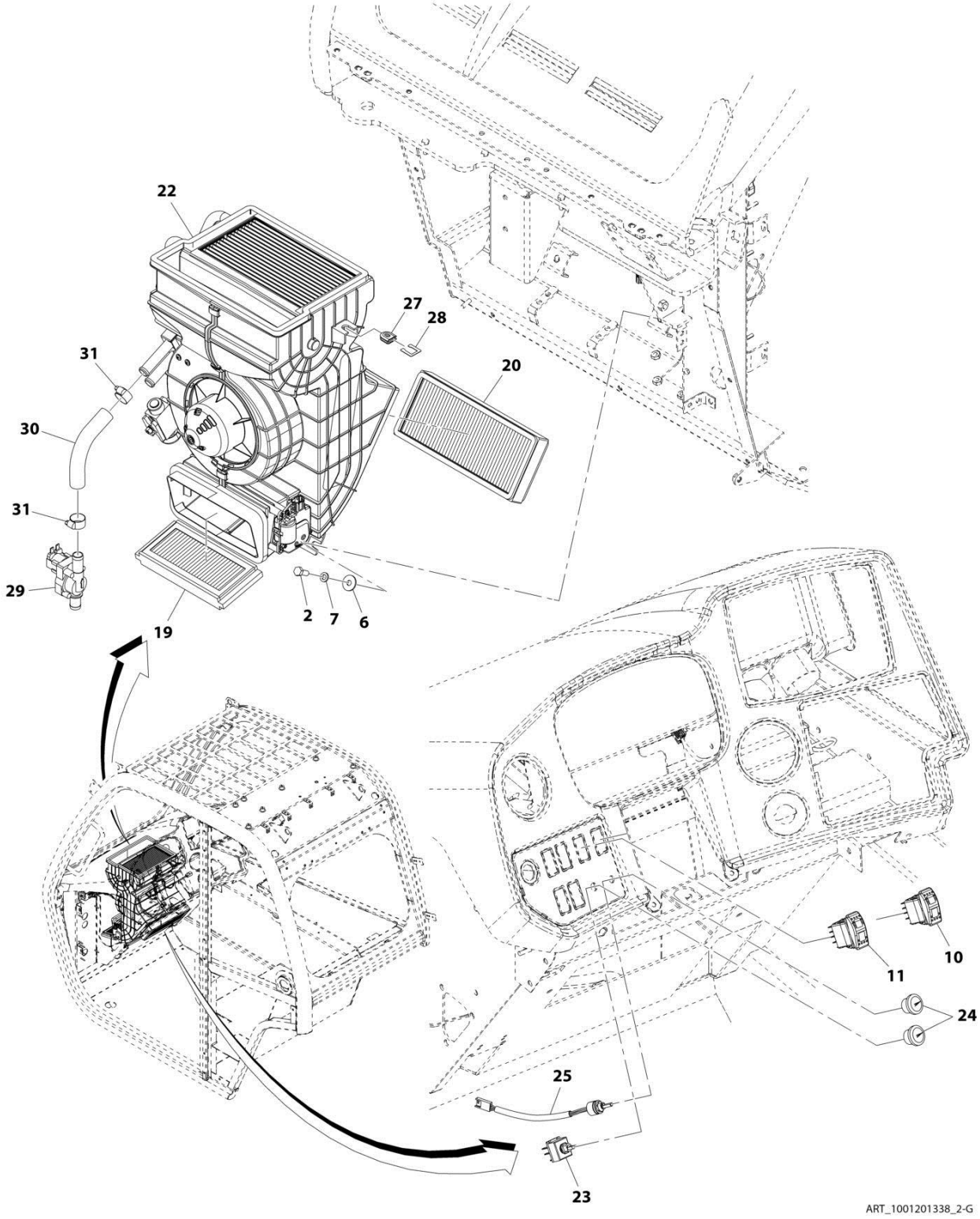
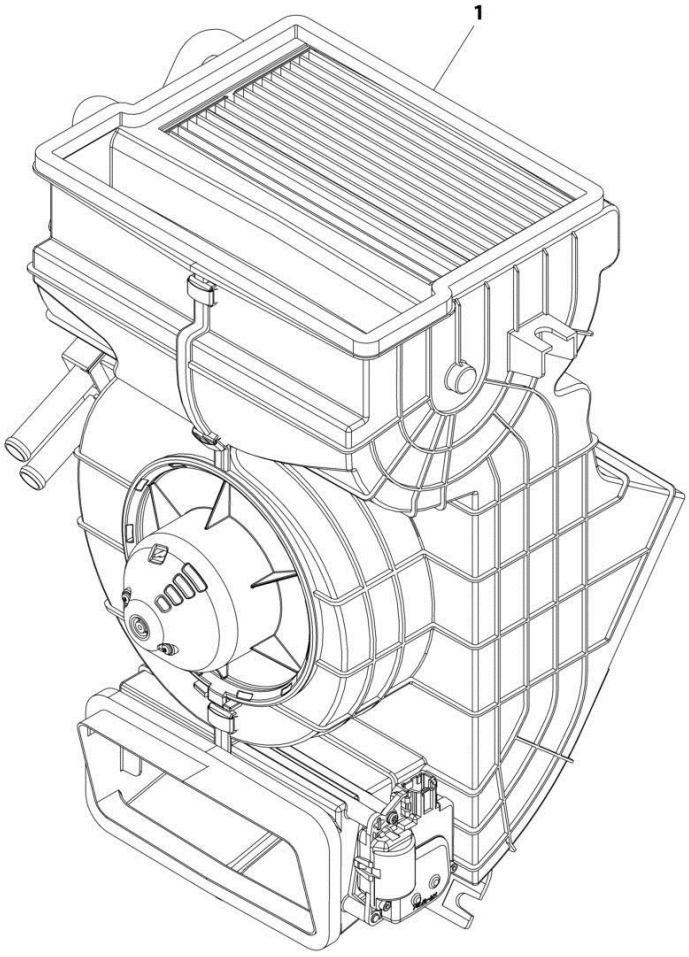

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ART_1001201338_2-G

FIGURE 6-48. HEATER AND A/C INSTALLATION (SN 1160008518 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 6-49. HEATER ASSEMBLY (Prior to SN 1160008518)

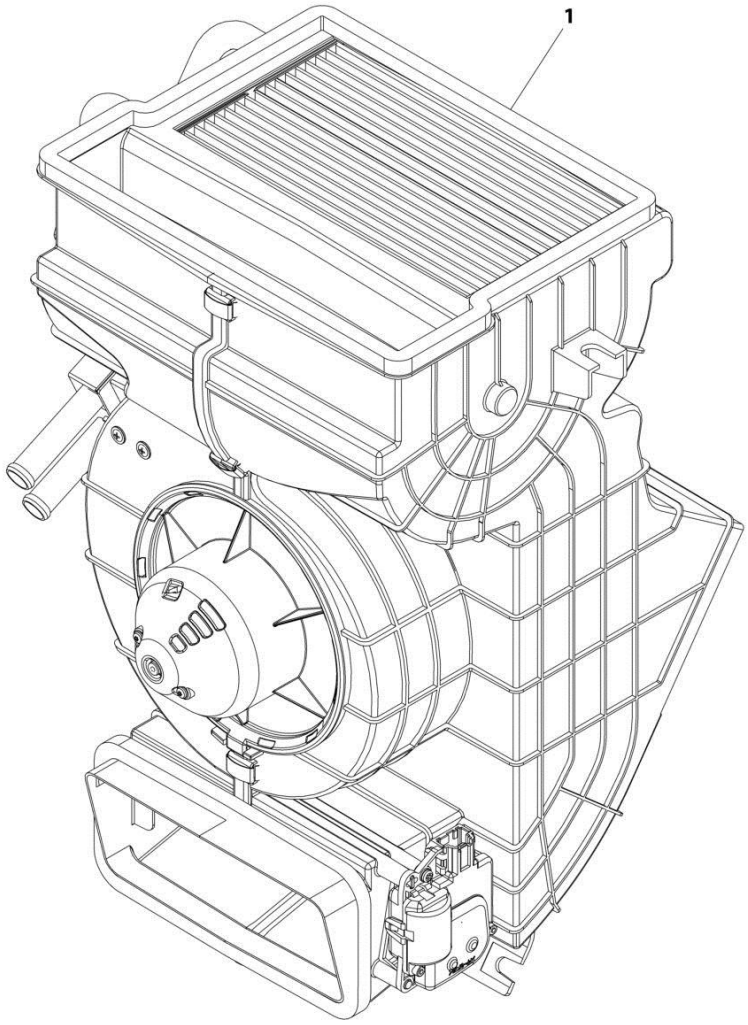


ART_1001201498-C

FIGURE 6-49. HEATER ASSEMBLY (Prior to SN 1160008518)

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

FIGURE 6-50. HEATER ASSEMBLY (SN 1160008518 to Present)

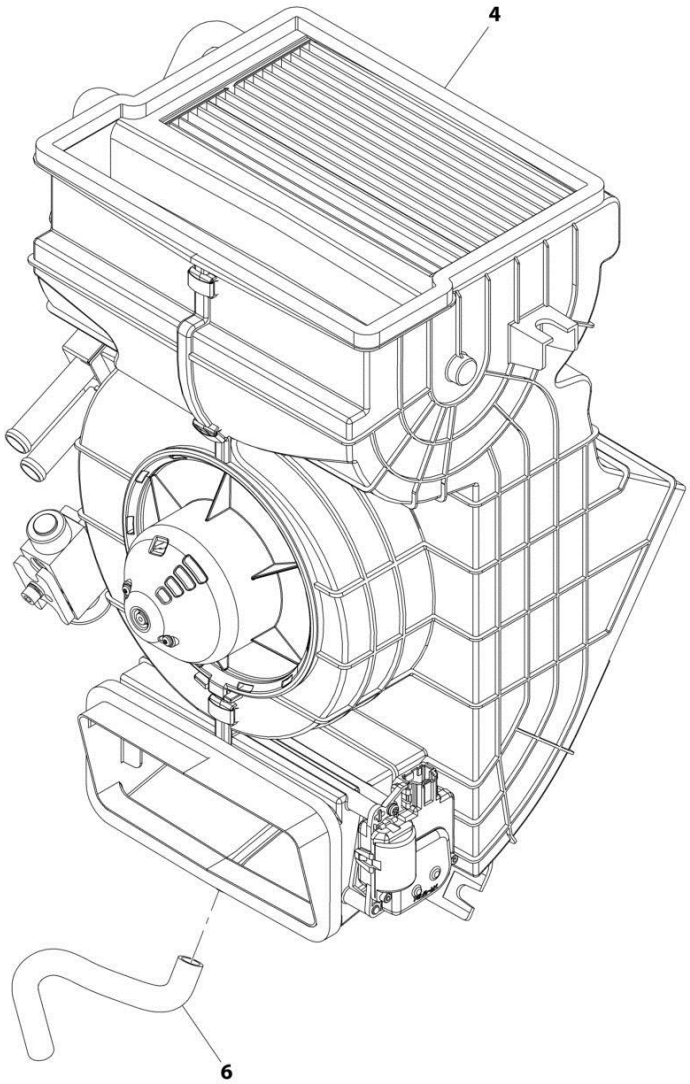


ART_1001221053-A

FIGURE 6-50. HEATER ASSEMBLY (SN 1160008518 to Present)

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

FIGURE 6-51. HEATER AND A/C ASSEMBLY (Prior to SN 1160008518)

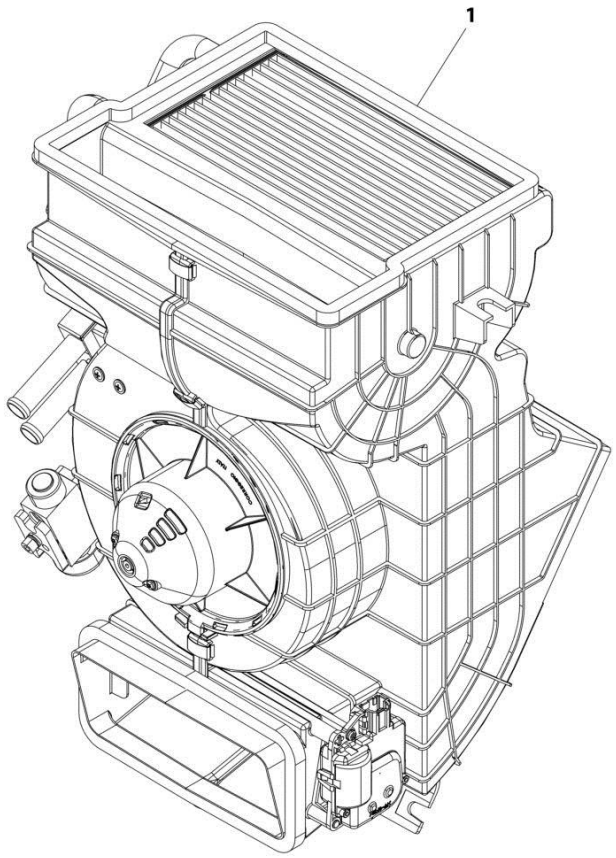


ART_1001201497-E

FIGURE 6-51. HEATER AND A/C ASSEMBLY (Prior to SN 1160008518)

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 6-52. HEATER AND A/C ASSEMBLY (SN 1160008518 to Present)



ART_1001221055-A

FIGURE 6-52. HEATER AND A/C ASSEMBLY (SN 1160008518 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 6-53. HEATER

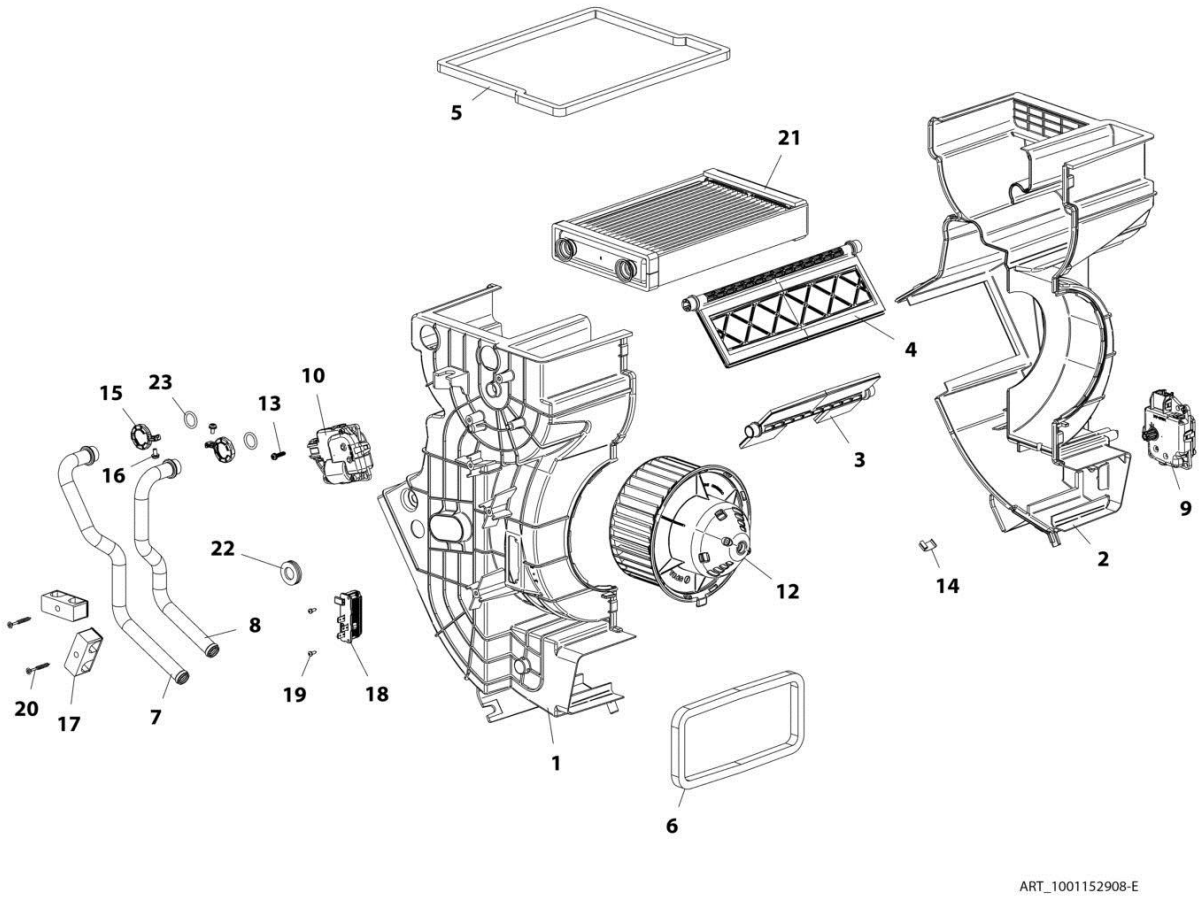


FIGURE 6-53. HEATER

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 6-54. HEATER

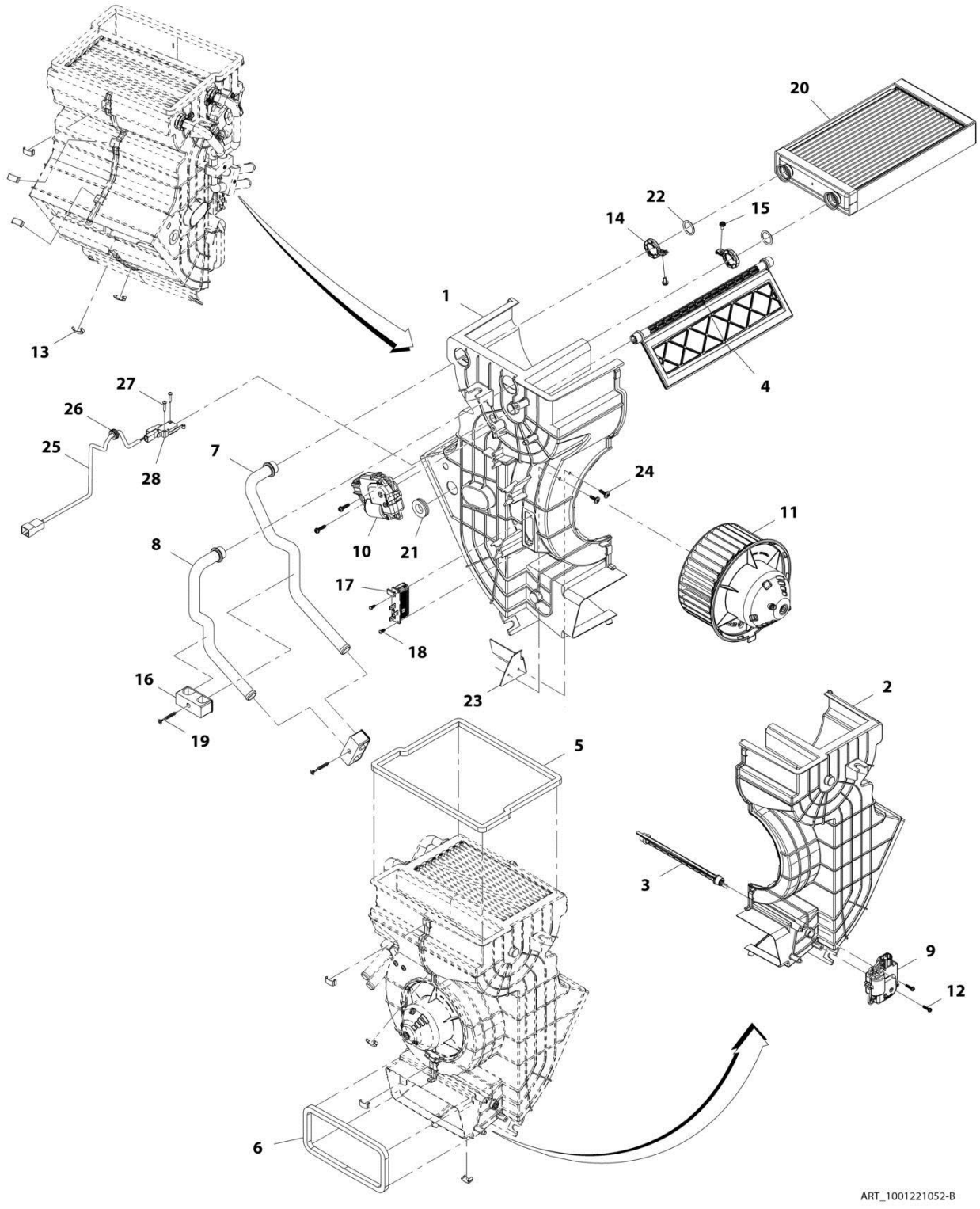


FIGURE 6-54. HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221052	Ref	Heater	B
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	Baffle, Plate	
24	1001221058	2	Screw	
25	1001228132	1	Harness	
26	1001228140	1	Grommet	
27	1001228141	2	Screw	
28	1001228147	1	Sensor	

FIGURE 6-55. HEATER AND A/C

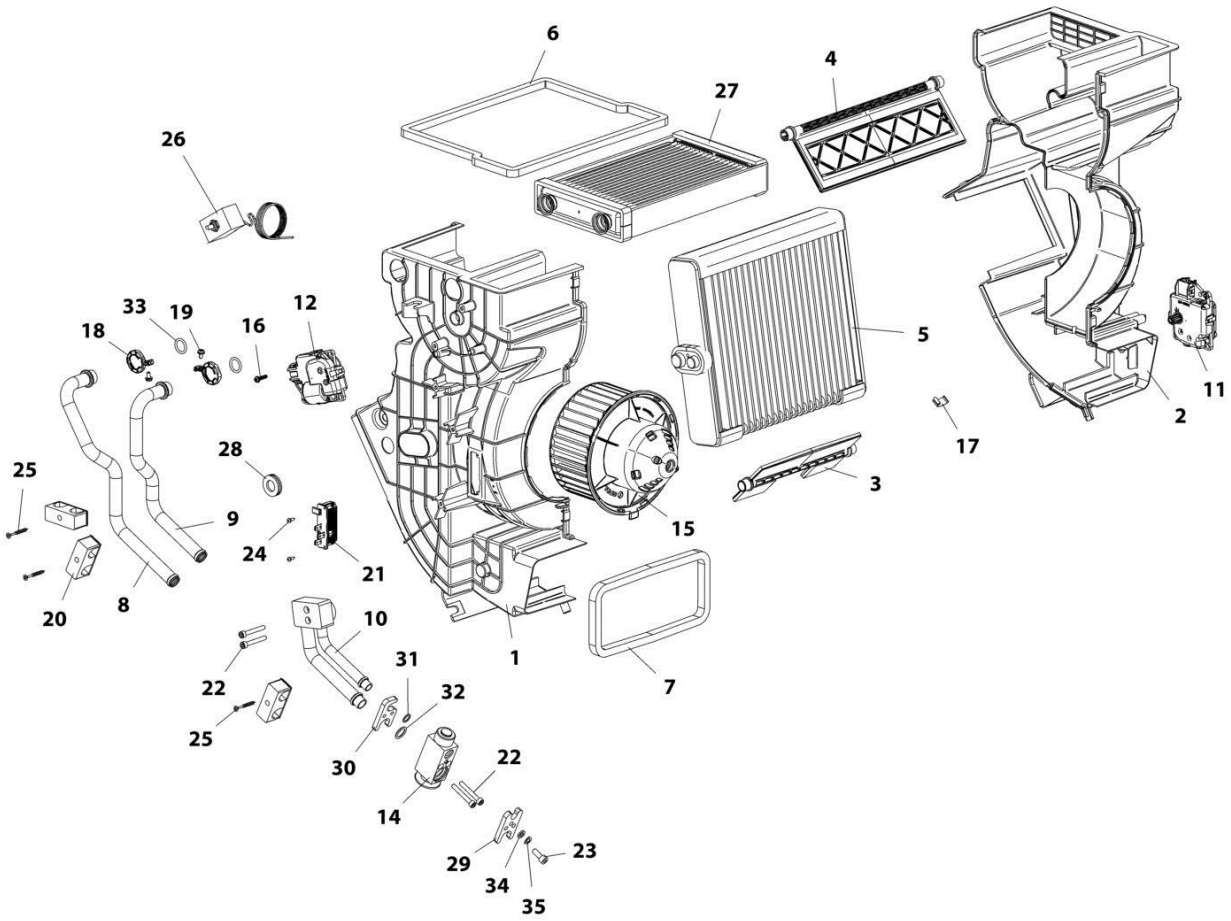


FIGURE 6-55. HEATER AND A/C

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 6-56. HEATER AND A/C

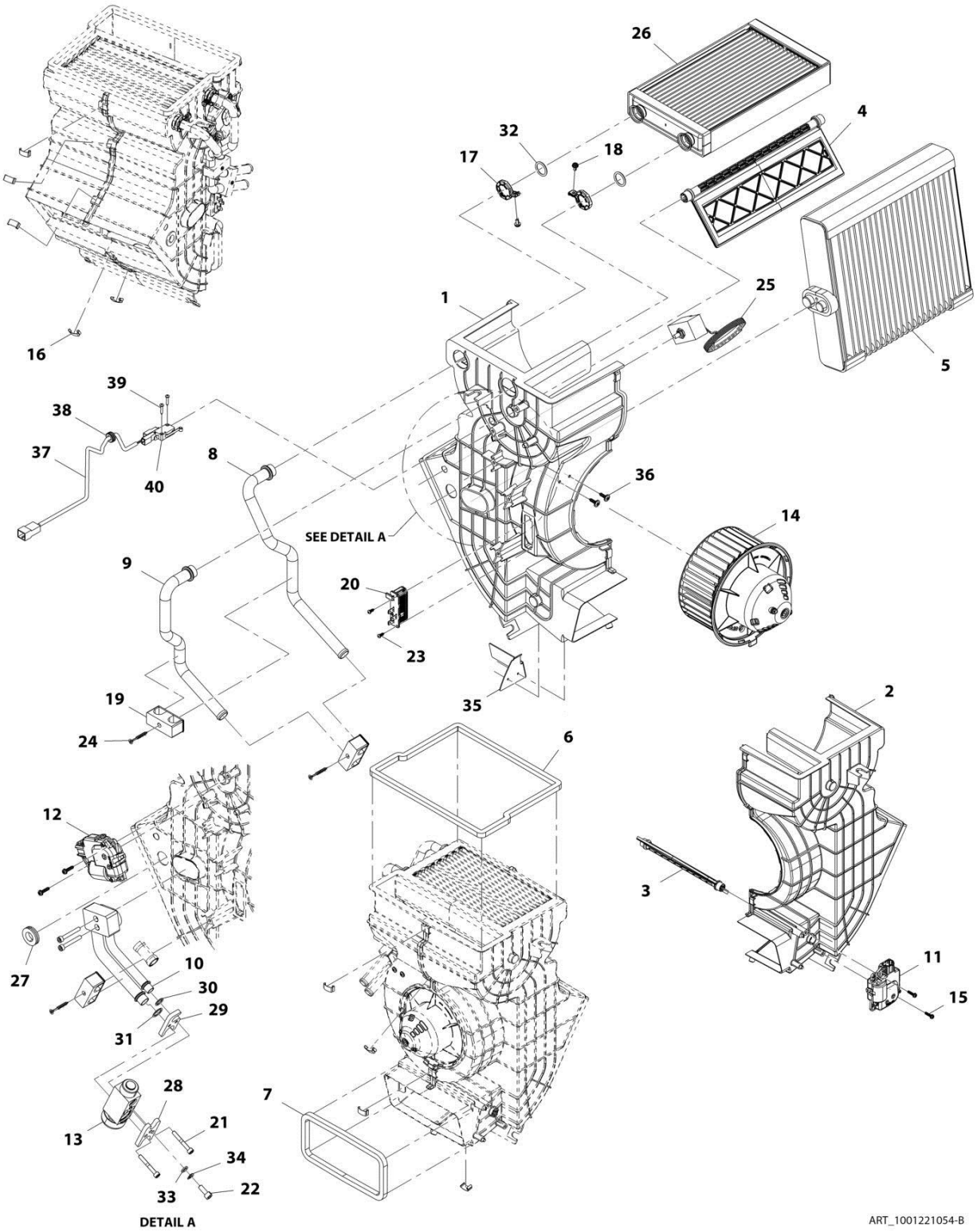


FIGURE 6-56. HEATER AND A/C

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221054	Ref	Heater and A/C	B
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, 4mm	
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	Baffle, Plate	
36	1001221058	2	Screw	
37	1001228132	1	Harness	
38	1001228140	1	Grommet	
39	1001228141	2	Screw	
40	1001228147	1	Sensor	

FIGURE 6-57. CAB CONDENSER ASSEMBLY

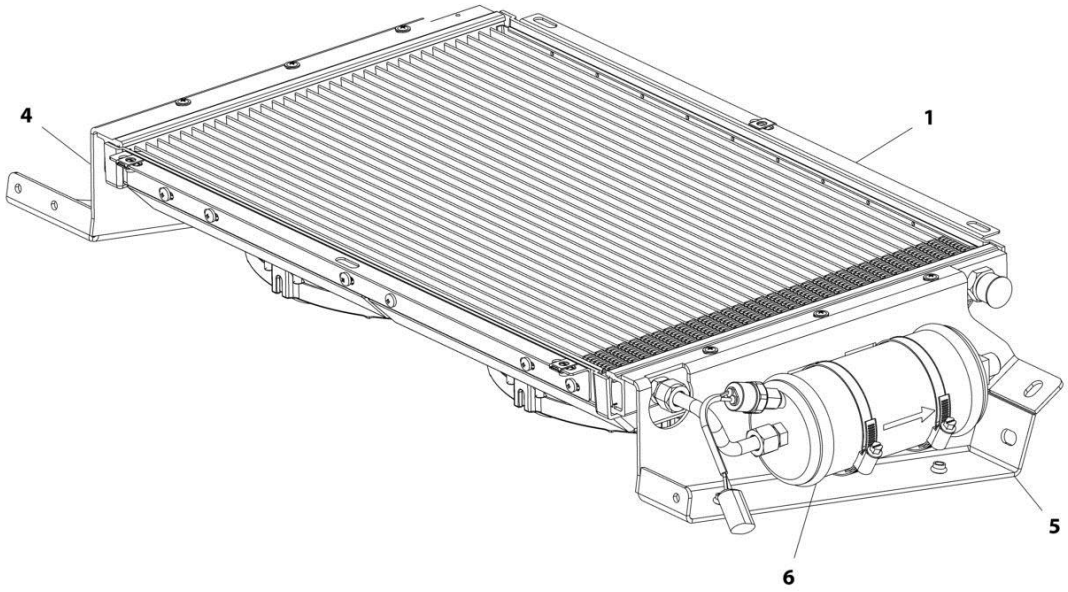


FIGURE 6-57. CAB CONDENSER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162953	Ref	Cab Condenser Assembly	F
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 6-58. CONDENSER

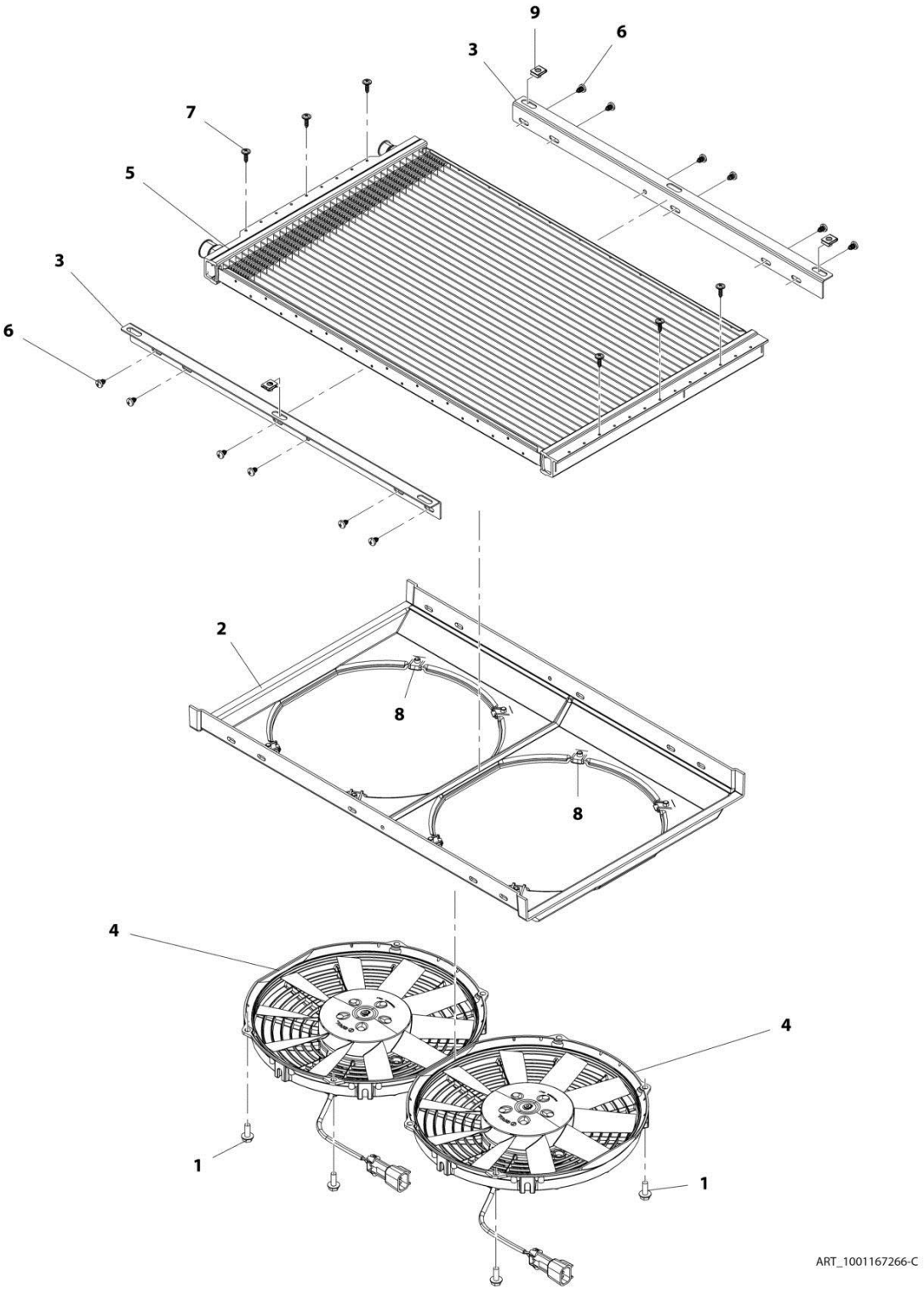


FIGURE 6-58. CONDENSER

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 6-59. A/C RECEIVER DRIER

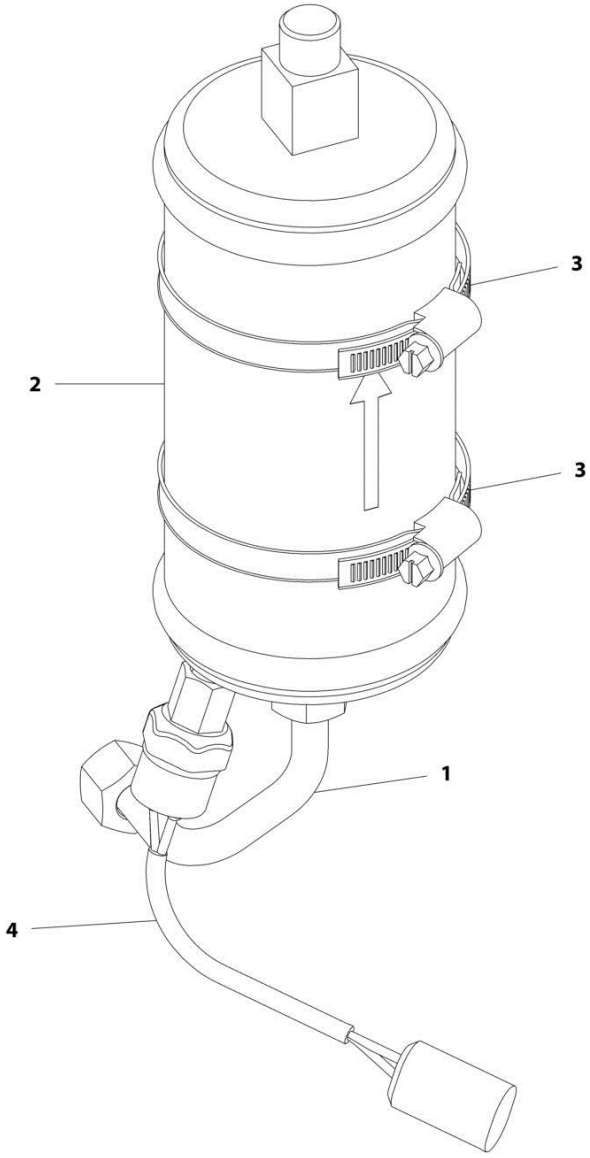


FIGURE 6-59. A/C RECEIVER DRIER

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 6-60. ROOF WIPER INSTALLATION

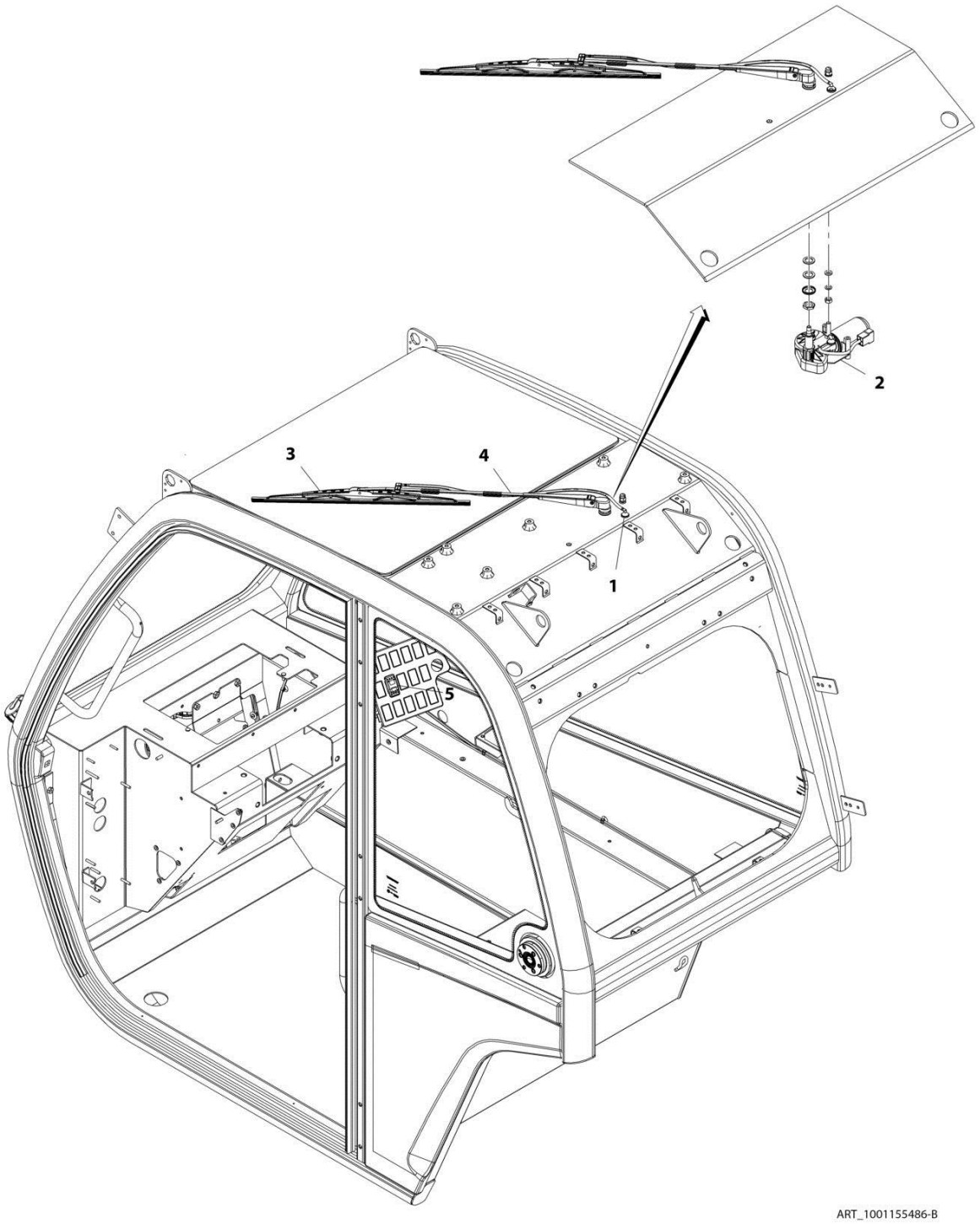


FIGURE 6-60. ROOF WIPER INSTALLATION

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 6-61. FRONT NOSE CONE INSTALLATION (SIDELIGHT)

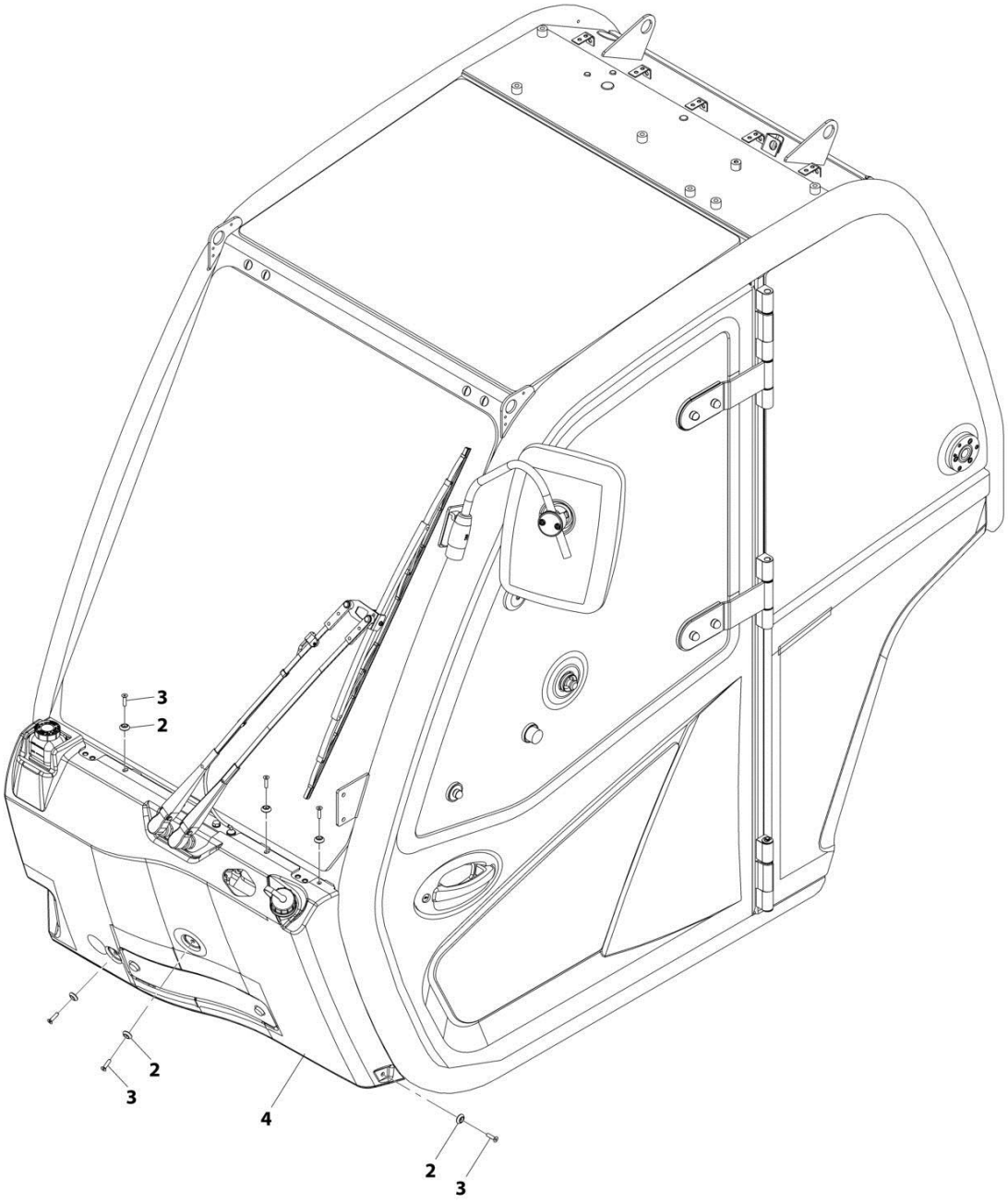


FIGURE 6-61. FRONT NOSE CONE INSTALLATION (SIDELIGHT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179895	Ref	Front Nose Cone Installation (Sidelight)	G
2	1001097540	6	Washer, M6	
3	3900379	6	Screw, M6X25MM	
4	1001179898	1	Cover	

FIGURE 6-62. RETRACTABLE SUNSCREEN INSTALLATION

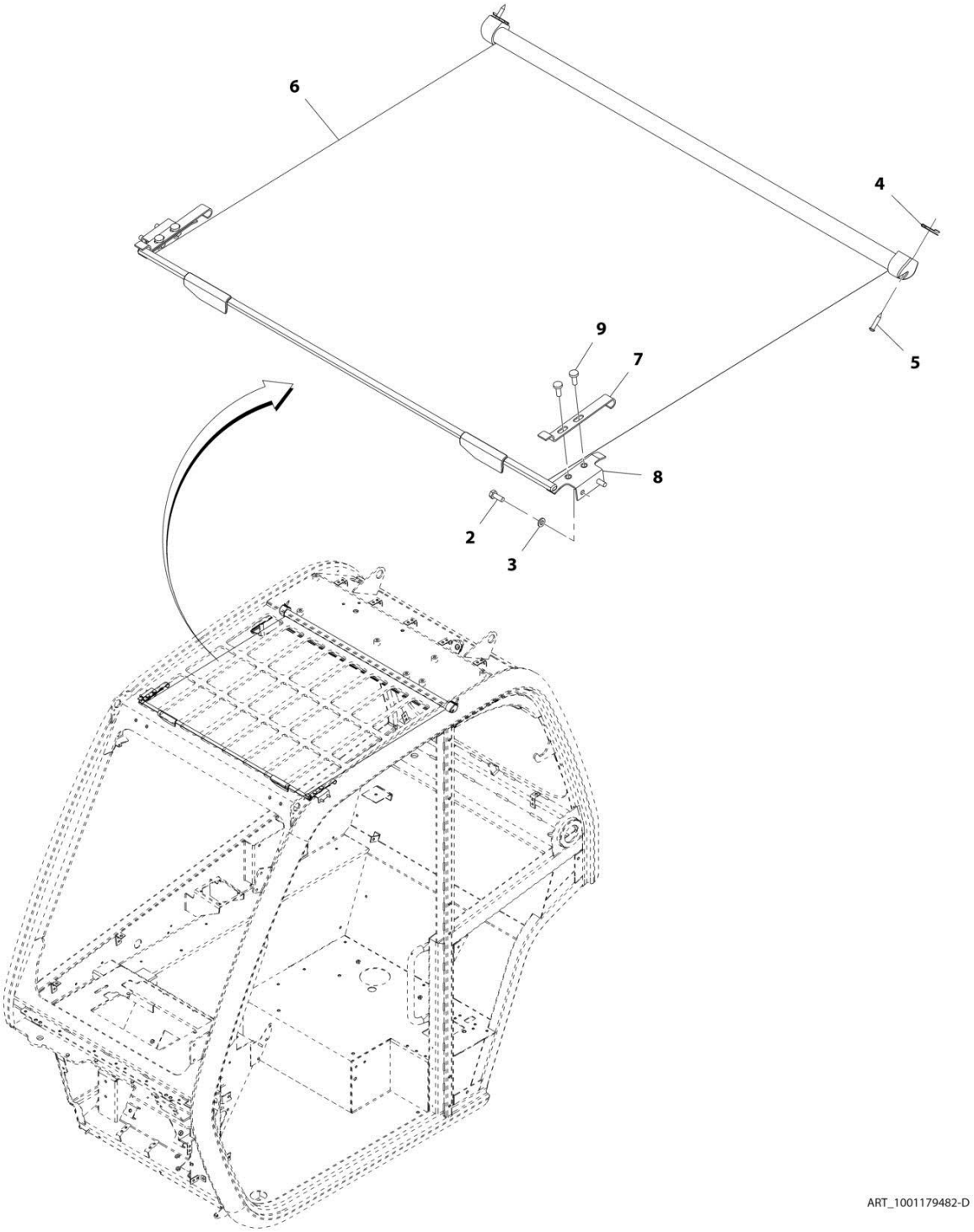
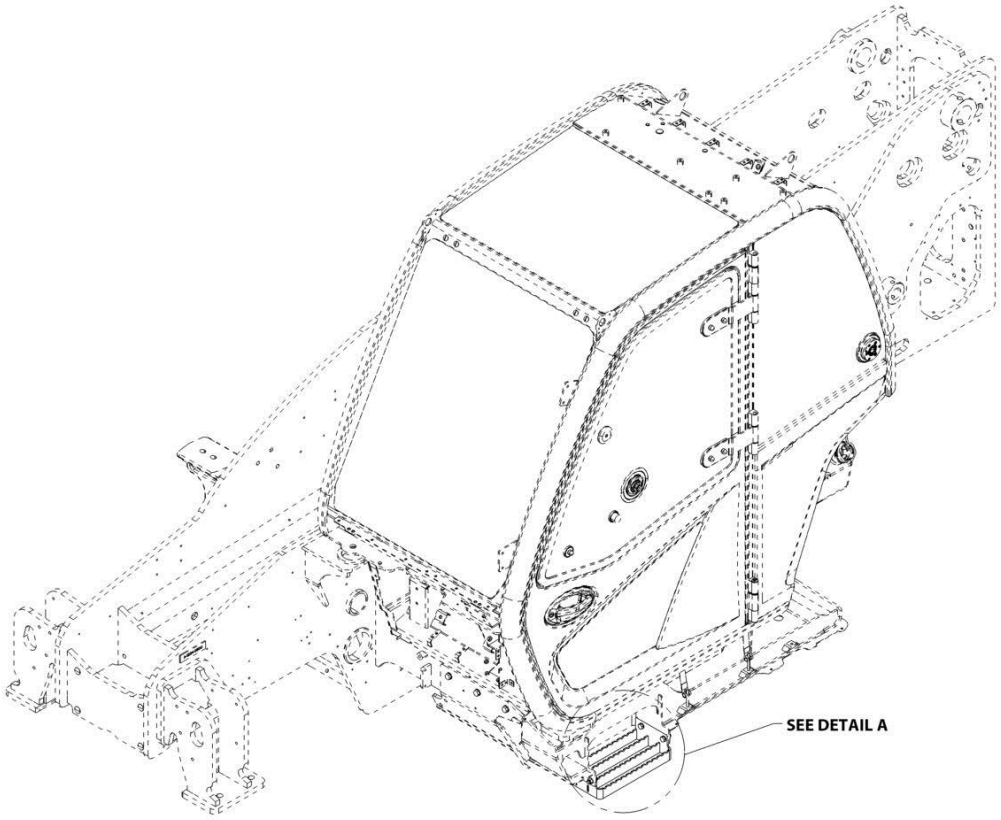


FIGURE 6-62. RETRACTABLE SUNSCREEN INSTALLATION

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 6-63. CAB STEP INSTALLATION



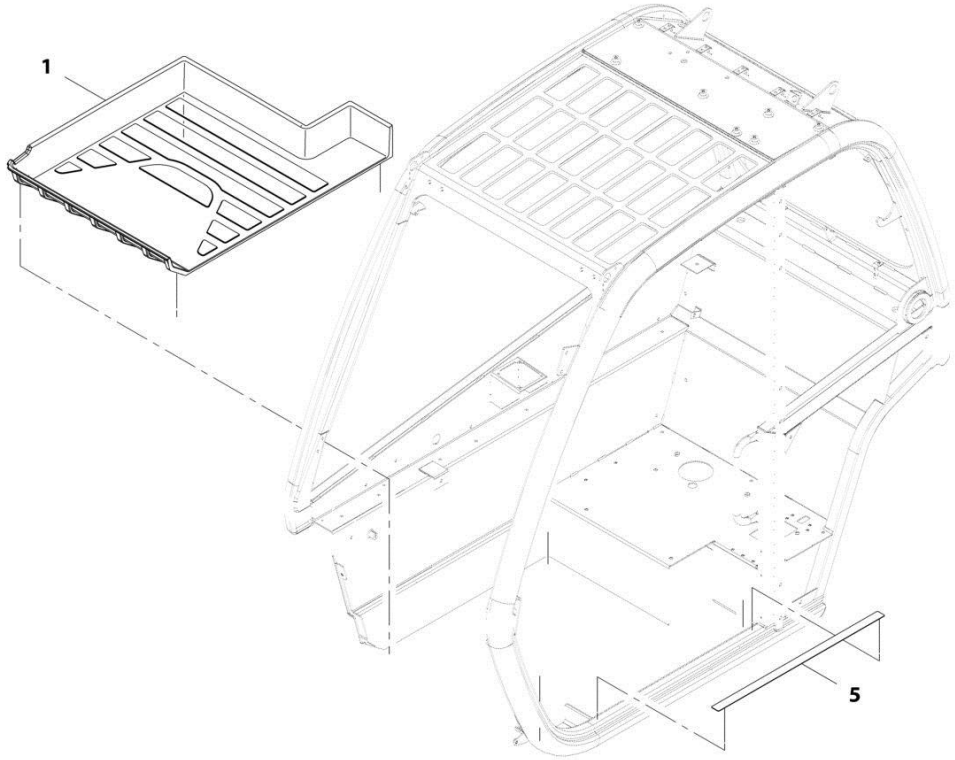
DETAIL A

ART_1001198958-B

FIGURE 6-63. CAB STEP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198958	Ref	Cab Step Installation	B
1	0701014	4	Bolt, M10X30	
2	3291005	4	Nut, Lock M10X1.5 Grade 8	
3	4812000	8	Washer, M10	
4	1001198924	1	Bracket, Step	

FIGURE 6-64. FLOOR MAT INSTALLATION



ART_1001161080-E

FIGURE 6-64. 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 6-65. REAR WINDOW INSTALLATION (WO/WIPER) (CAN & ISO)

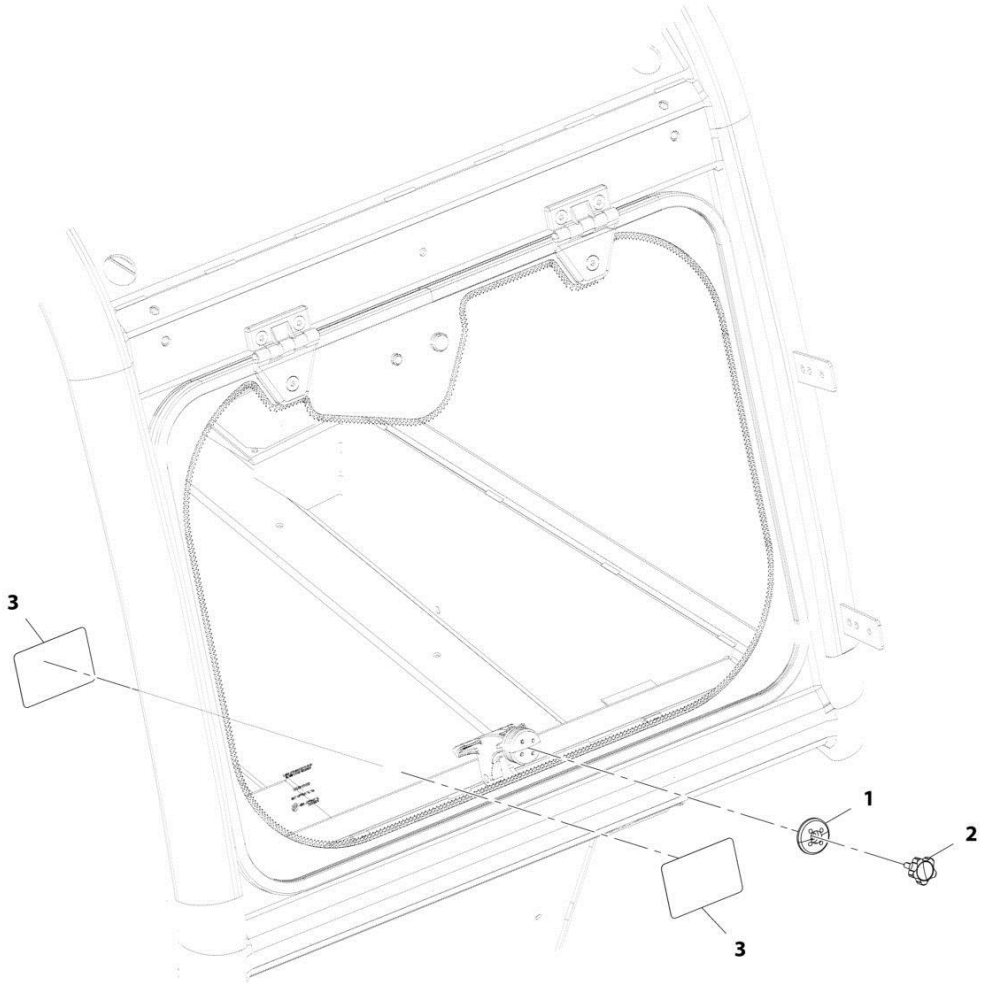
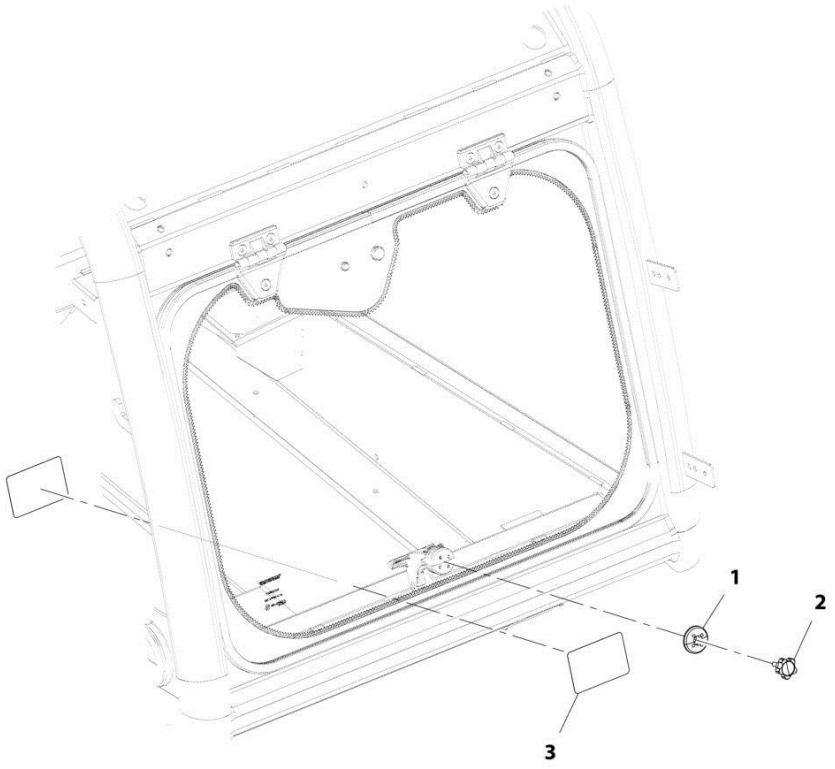


FIGURE 6-65. REAR WINDOW INSTALLATION (WO/WIPER) (CAN & ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178826	Ref	Rear Window Installation (WO/Wiper) (CAN & ISO)	C
1	1001179008	1	Cap, Latch Window	
2	1001179009	1	Knob	
3	1001204709	2	Decal, Emergency Exit (English/French)	

FIGURE 6-66. REAR WINDOW INSTALLATION (WO/WIPER) (ANSI)



ART_1001212047-A

FIGURE 6-66. 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 (ANSI)	

FIGURE 6-67. CAB GUARD INSTALLATION (TOP)

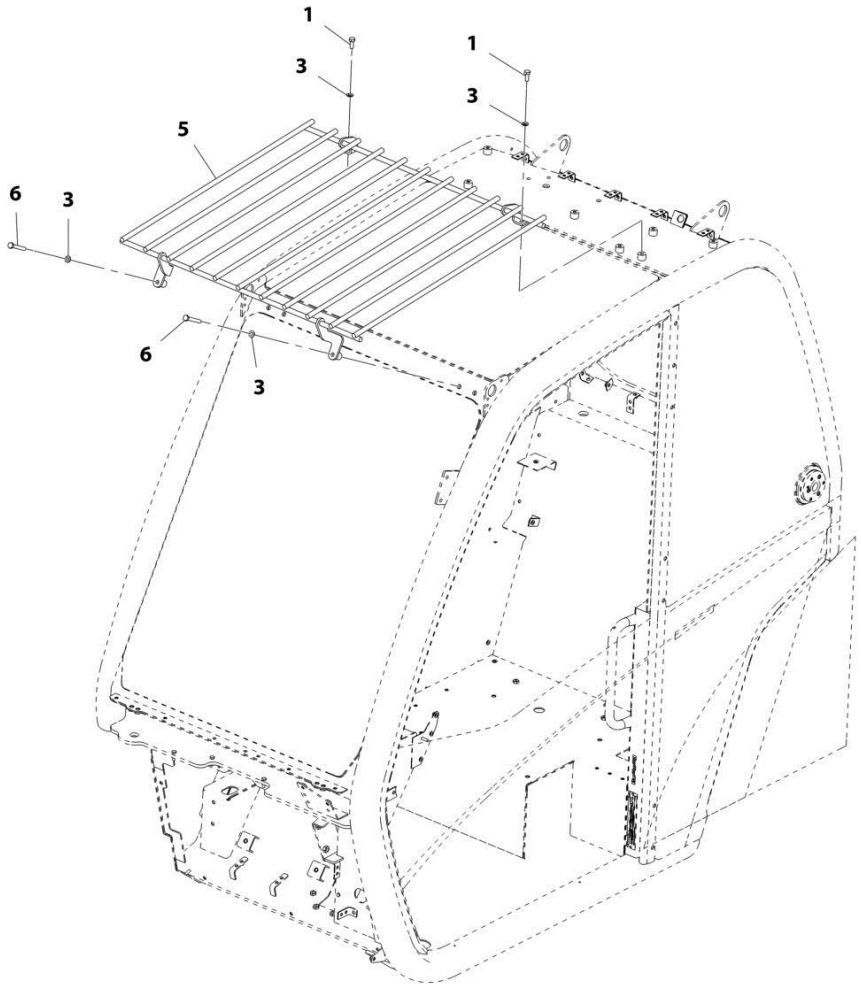


FIGURE 6-67. CAB GUARD INSTALLATION (TOP)

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

FIGURE 6-68. CAB GUARD INSTALLATION (FRONT)

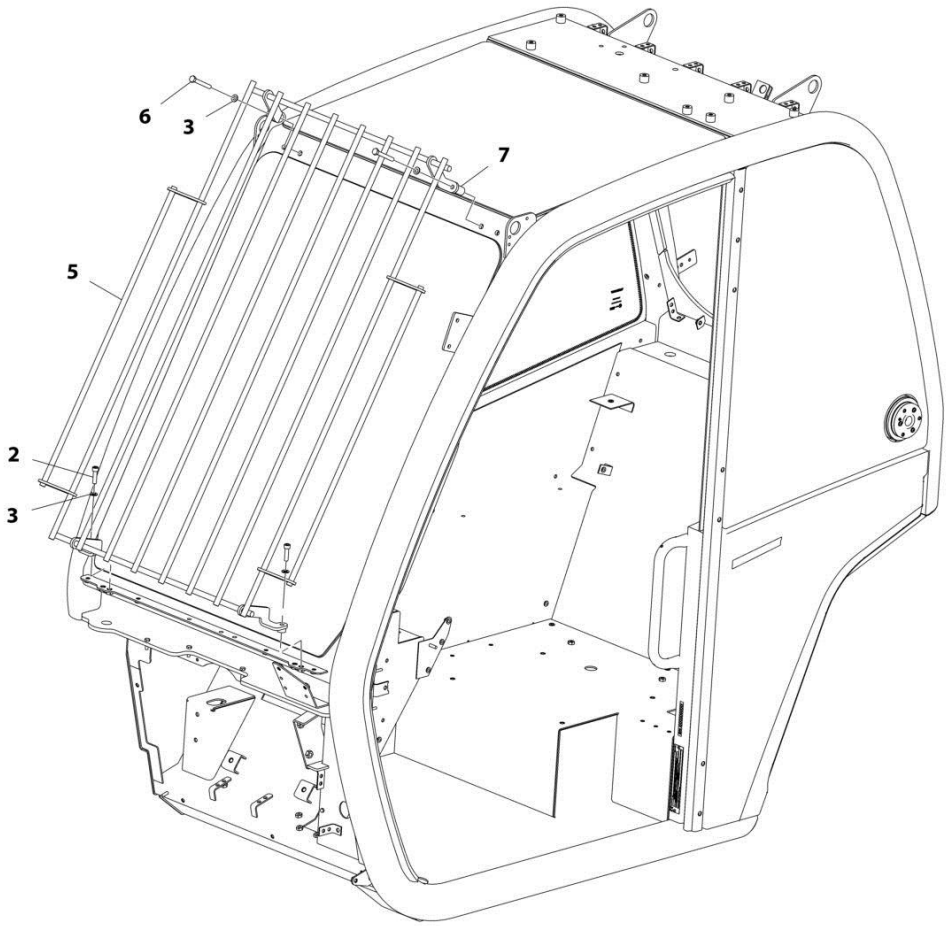


FIGURE 6-68. CAB GUARD INSTALLATION (FRONT)

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 6-69. CAB GUARD INSTALLATION (TOP AND FRONT)

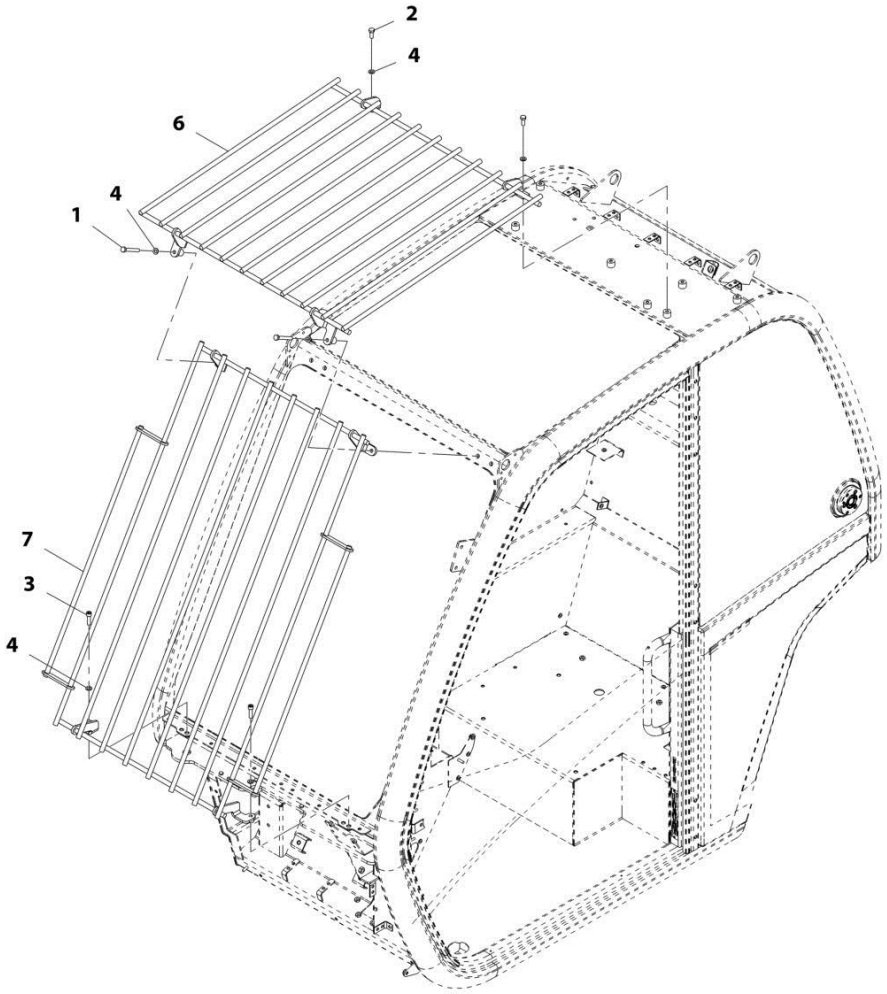
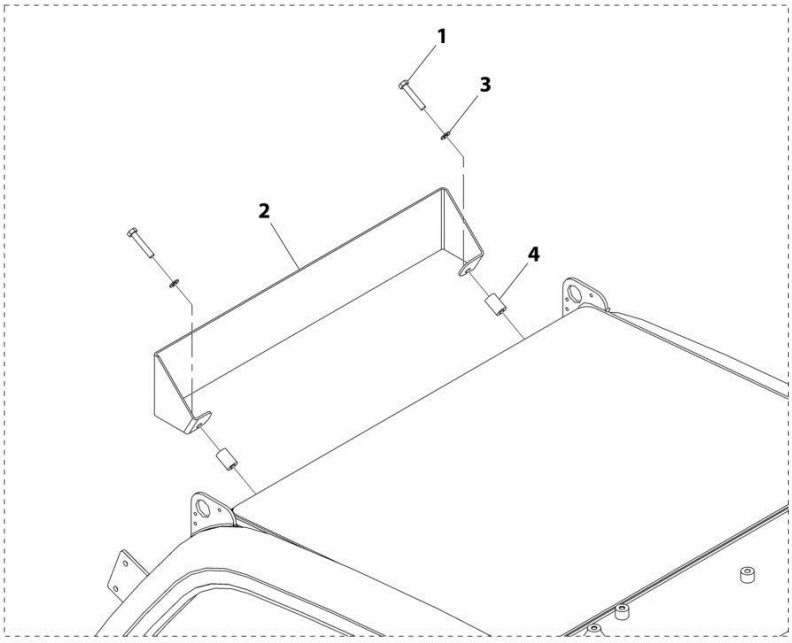


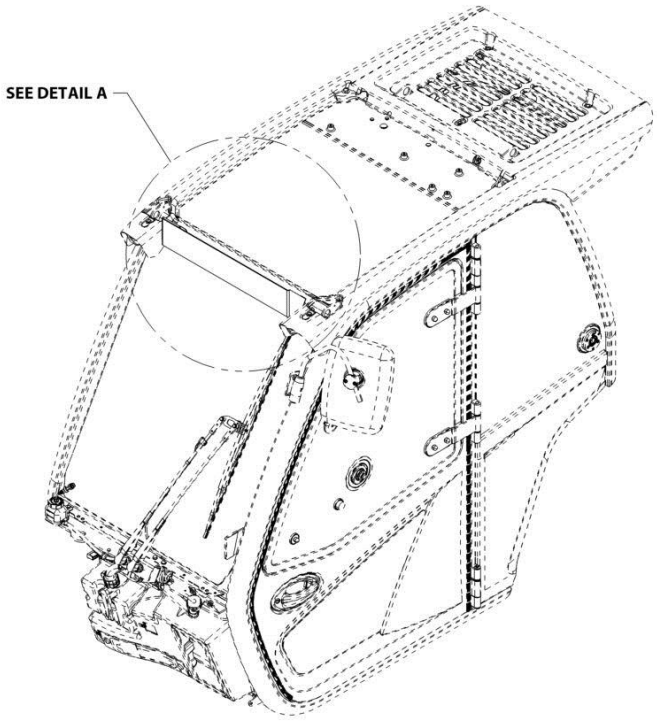
FIGURE 6-69. CAB GUARD INSTALLATION (TOP AND FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172774	Ref	Cab Guard Installation (Top and Front)	F
1	0700820	2	Bolt, M8X60	
2	0760810	2	Bolt, M8X20	
3	4031910	2	Bolt, M8X30	
4	4811900	6	Washer, M8	
6	1001160503	1	Guard, Top Screen	
7	1001180263	1	Guard, Front Screen	

FIGURE 6-70. NUMBER PLATE BRACKET INSTALLATION (NO CAB GUARD)



DETAIL A



ART_1001210804-B

FIGURE 6-70. 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 6-71. NUMBER PLATE BRACKET INSTALLATION (CAB GUARD)

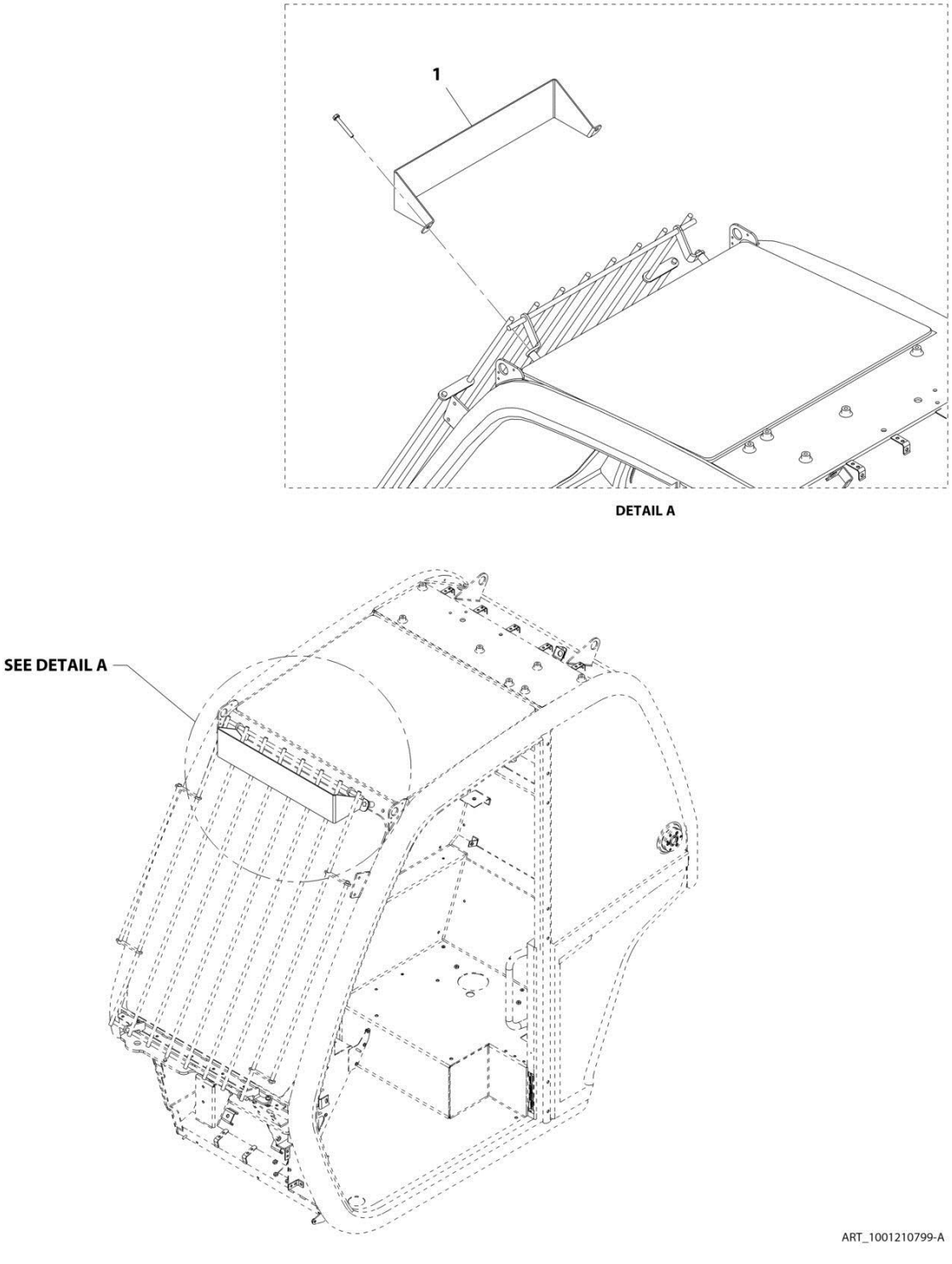


FIGURE 6-71. NUMBER PLATE BRACKET INSTALLATION (CAB GUARD)

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

FIGURE 6-72. MIRROR INSTALLATION

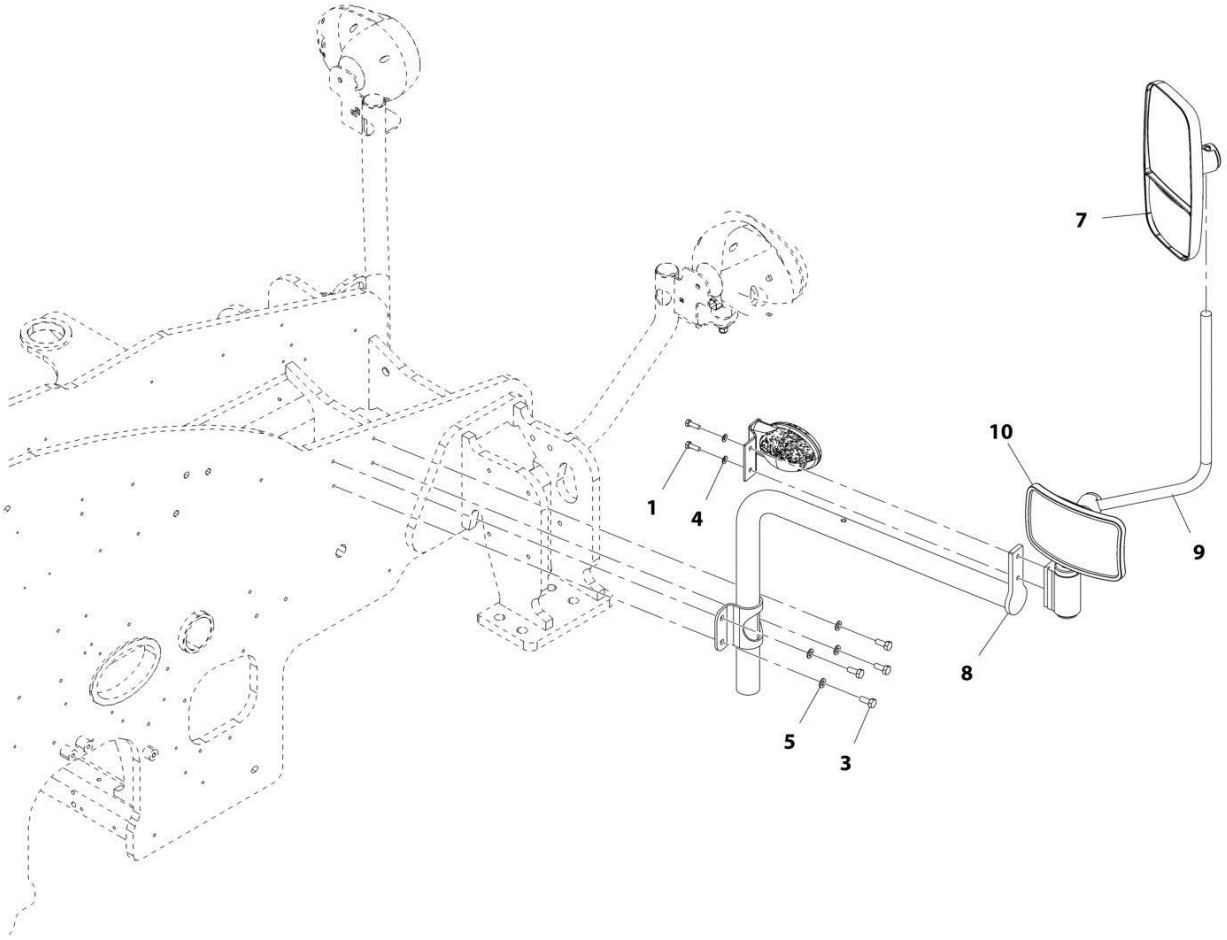


FIGURE 6-72. MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186393	Ref	Mirror Installation	H
1	0760812	2	Bolt, M8X25	
3	0761012	4	Bolt, M10X25	
4	4811900	2	Washer, M8	
5	4812000	4	Washer, M10	
7	1001175812	1	Mirror, Dual Lens	
8	1001181360	1	Bracket	
9	1001189193	1	Bracket	
10	1001142724	1	Mirror, Convex	

FIGURE 6-73. HITCH MIRROR INSTALLATION (CONVEX)

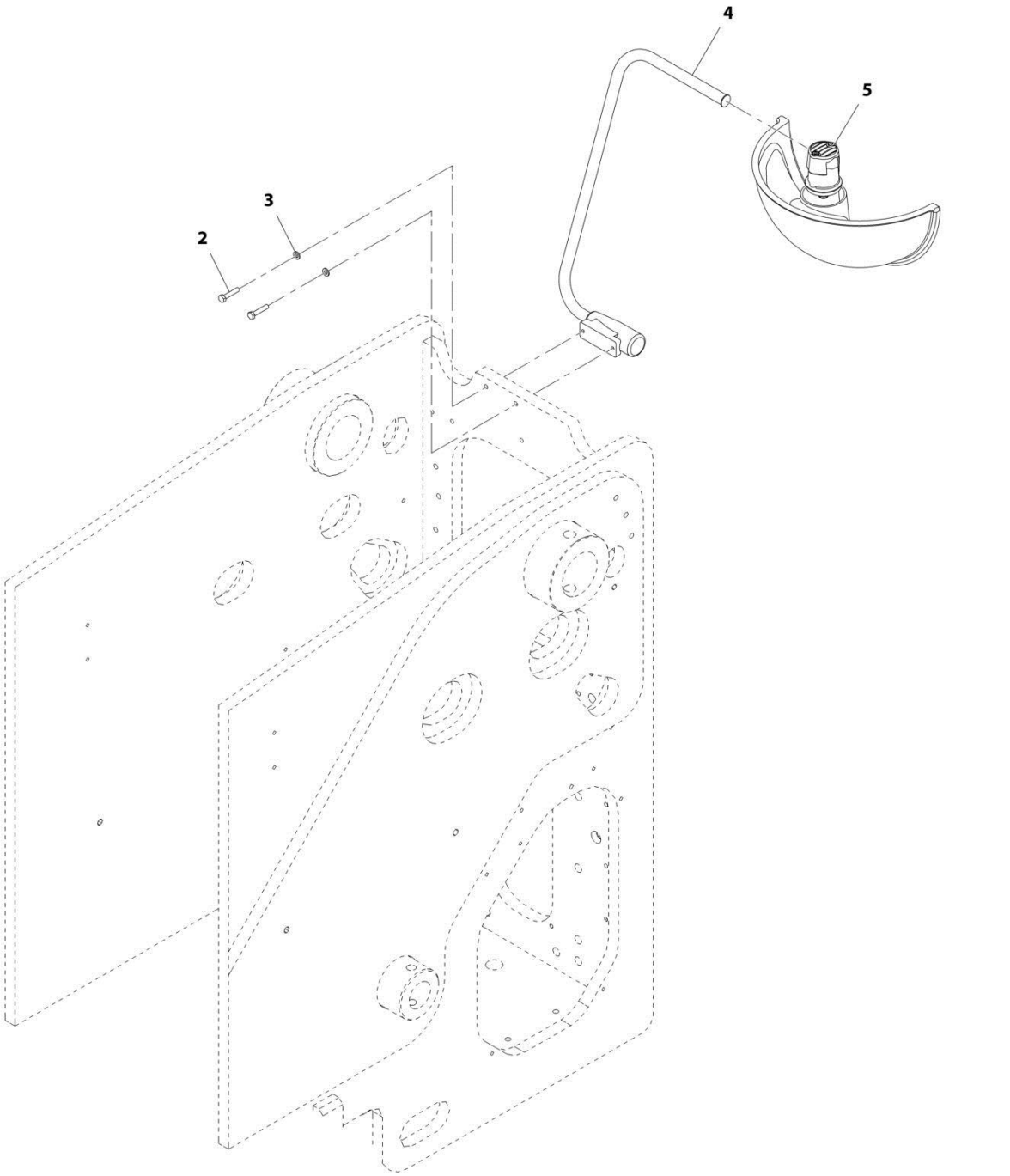


FIGURE 6-73. HITCH MIRROR INSTALLATION (CONVEX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186439	Ref	Hitch Mirror Installation (Fish Eye)	B
2	0700614	2	Bolt, M6X30	
3	4811700	2	Washer, M6	
4	1001005980	1	Arm	
5	1001008436	1	Assembly, Mirror (Convex) (See Separate Breakdown in this Section)	

FIGURE 6-74. HITCH MIRROR INSTALLATION (FLAT)

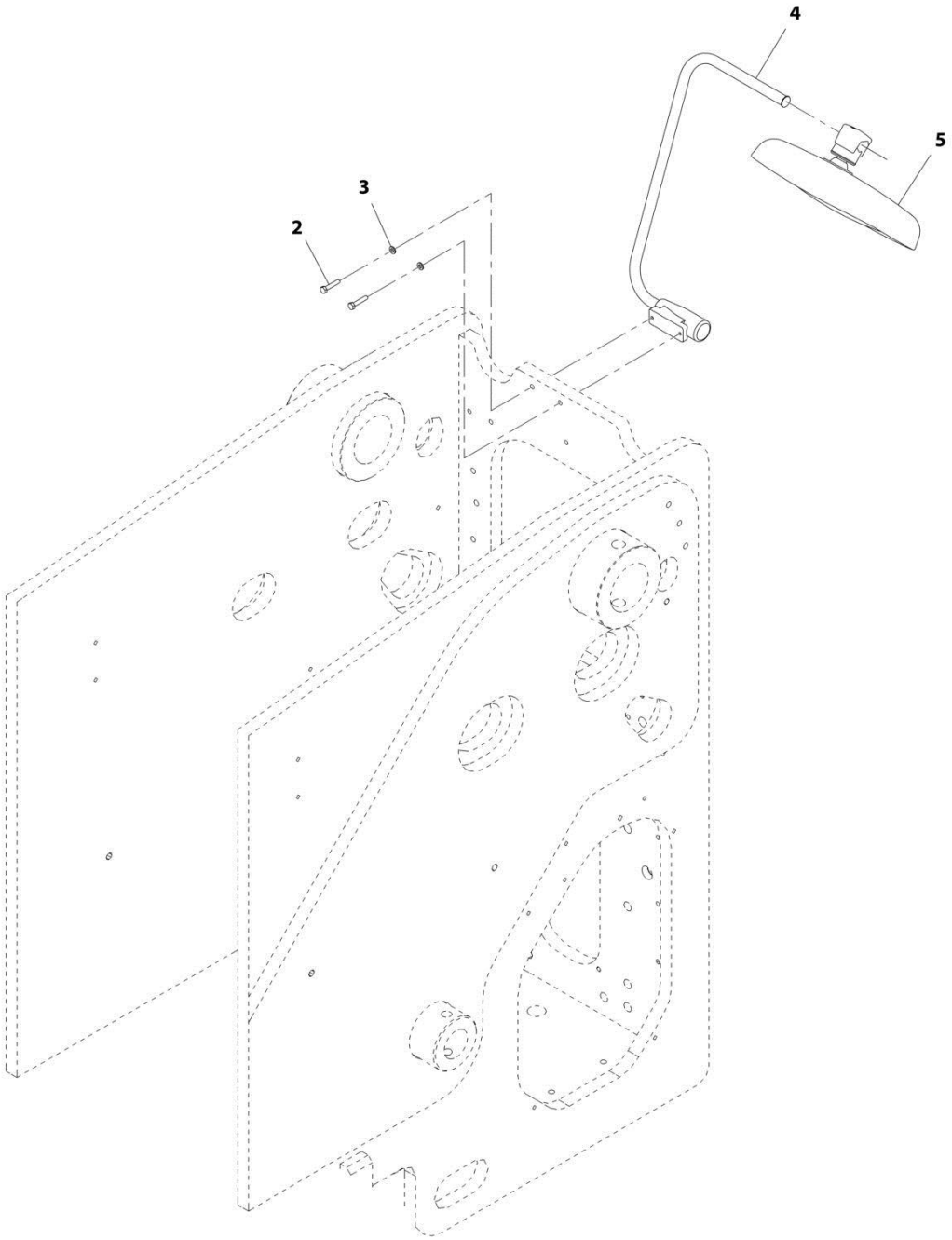
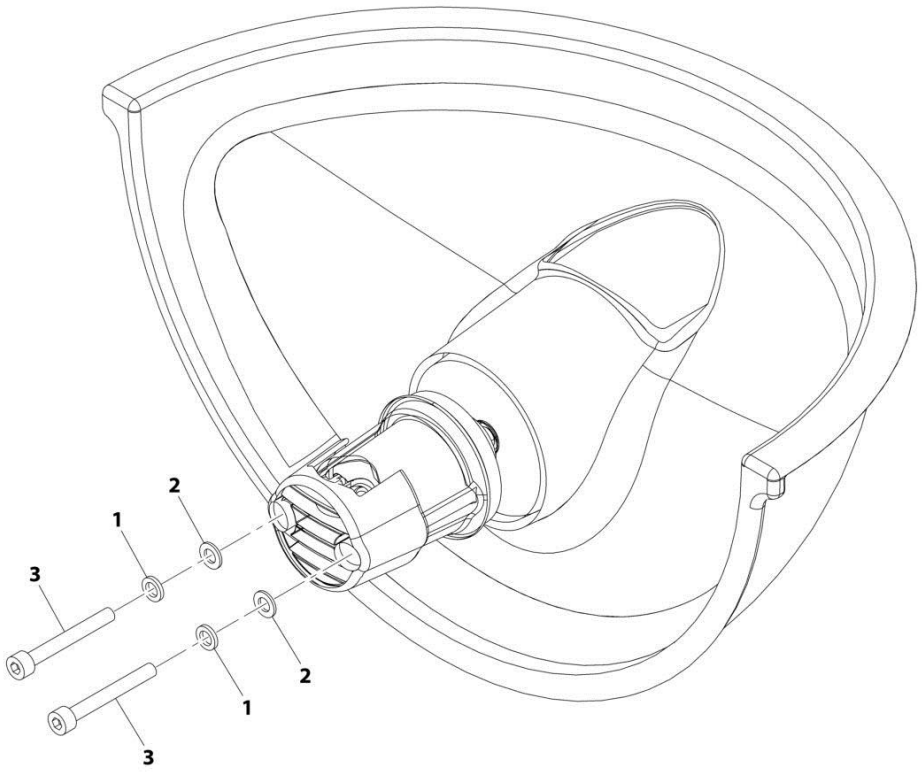


FIGURE 6-74. HITCH MIRROR INSTALLATION (FLAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186395	Ref	Hitch Mirror Installation (Flat)	B
2	0700614	2	Bolt, M6X30	
3	4811700	2	Washer, M6	
4	1001005980	1	Arm	
5	1001005981	1	Assembly, Hitch Mirror (Flat)	

FIGURE 6-75. MIRROR ASSEMBLY (CONVEX)



ART_1001008436-D

FIGURE 6-75. MIRROR ASSEMBLY (CONVEX)

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

FIGURE 6-76. INTERIOR MIRROR INSTALLATION

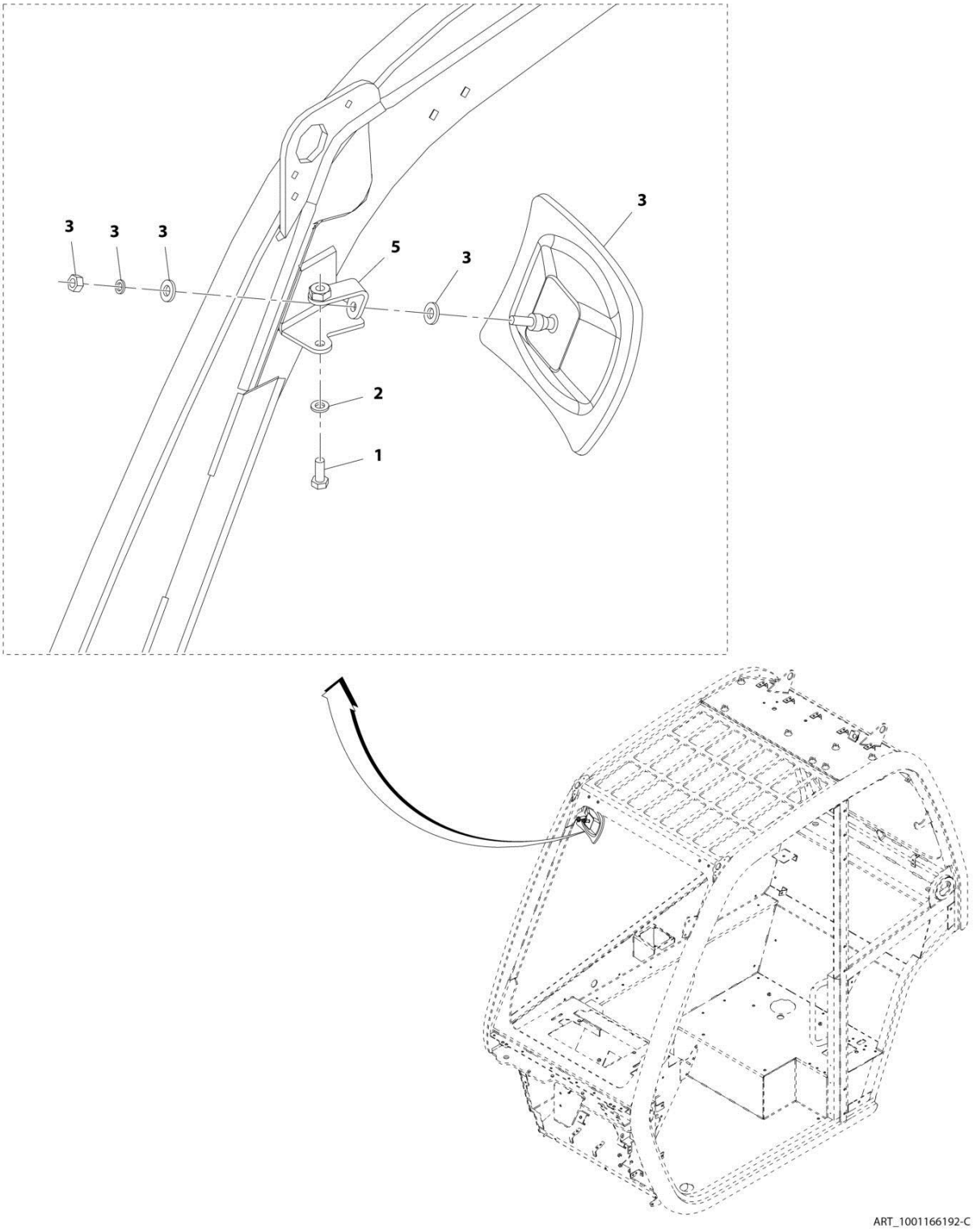


FIGURE 6-76. INTERIOR MIRROR INSTALLATION

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

FIGURE 6-77. INTERIOR MIRROR

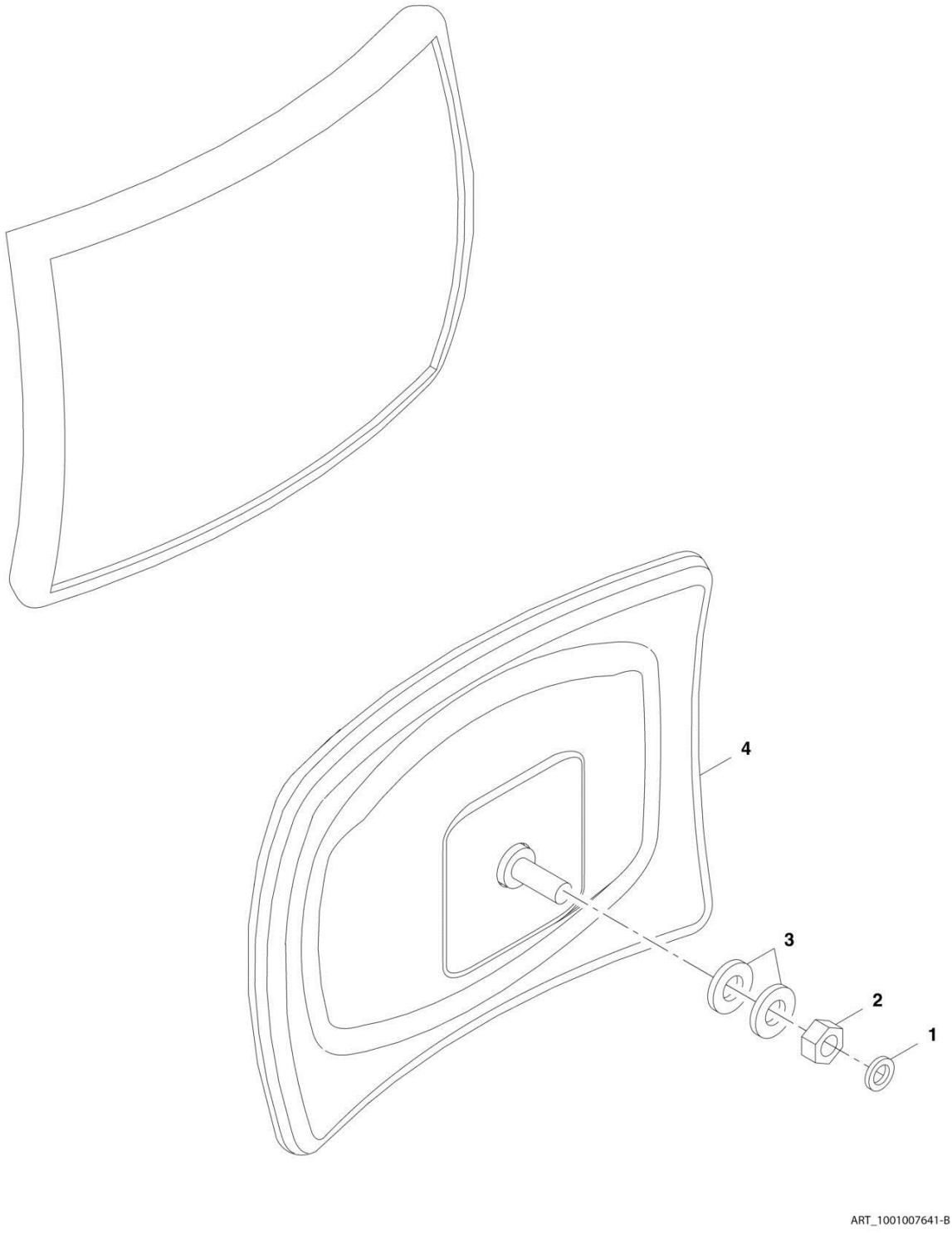


FIGURE 6-77. INTERIOR MIRROR

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

FIGURE 6-78. BASIC MIRROR INSTALLATION (Prior to SN 1160008518)

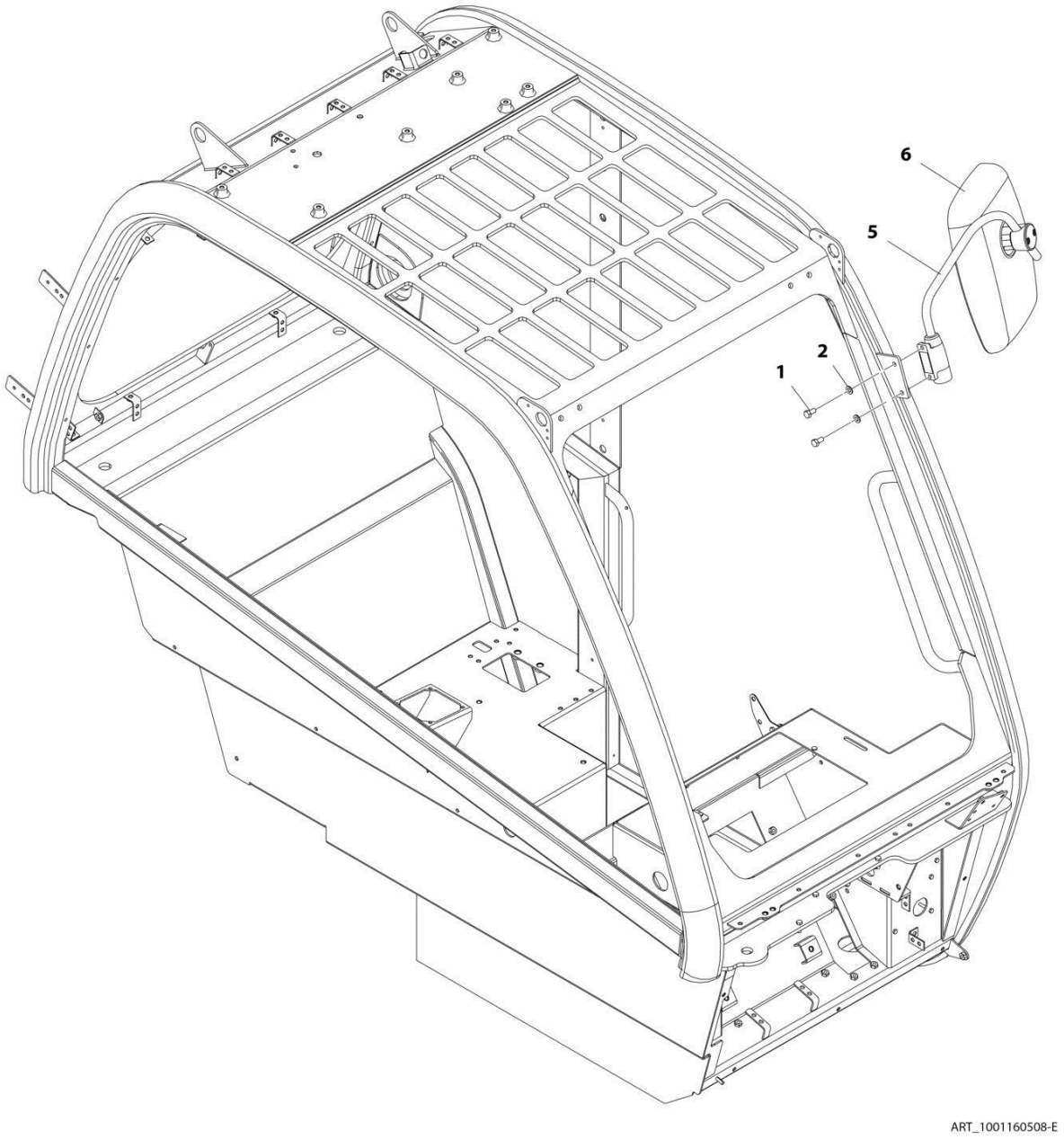


FIGURE 6-78. BASIC MIRROR INSTALLATION (Prior to SN 1160008518)

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

FIGURE 6-79. MIRROR INSTALLATION (SN 1160008518 to Present)

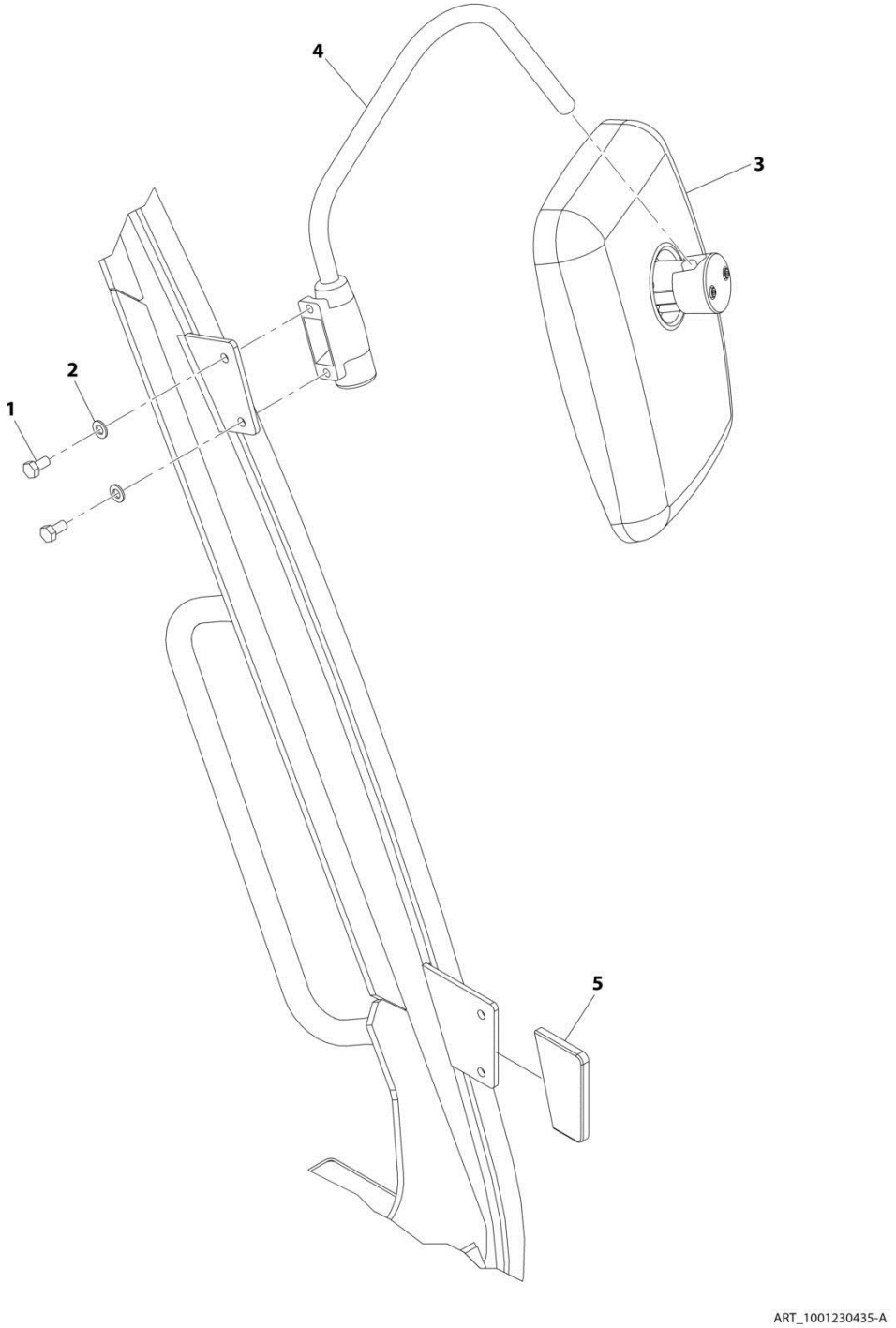


FIGURE 6-79. MIRROR INSTALLATION (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230435	Ref	Basic Mirror Installation	A
1	0760808	2	Bolt, M8X16	
2	4811900	2	Washer, M8	
3	80363195	1	Mirror	
4	1001164655	1	Bracket	
5	1001227357	1	Cover, Mirror Bracket	

FIGURE 6-80. FRONT WIPER INSTALLATION

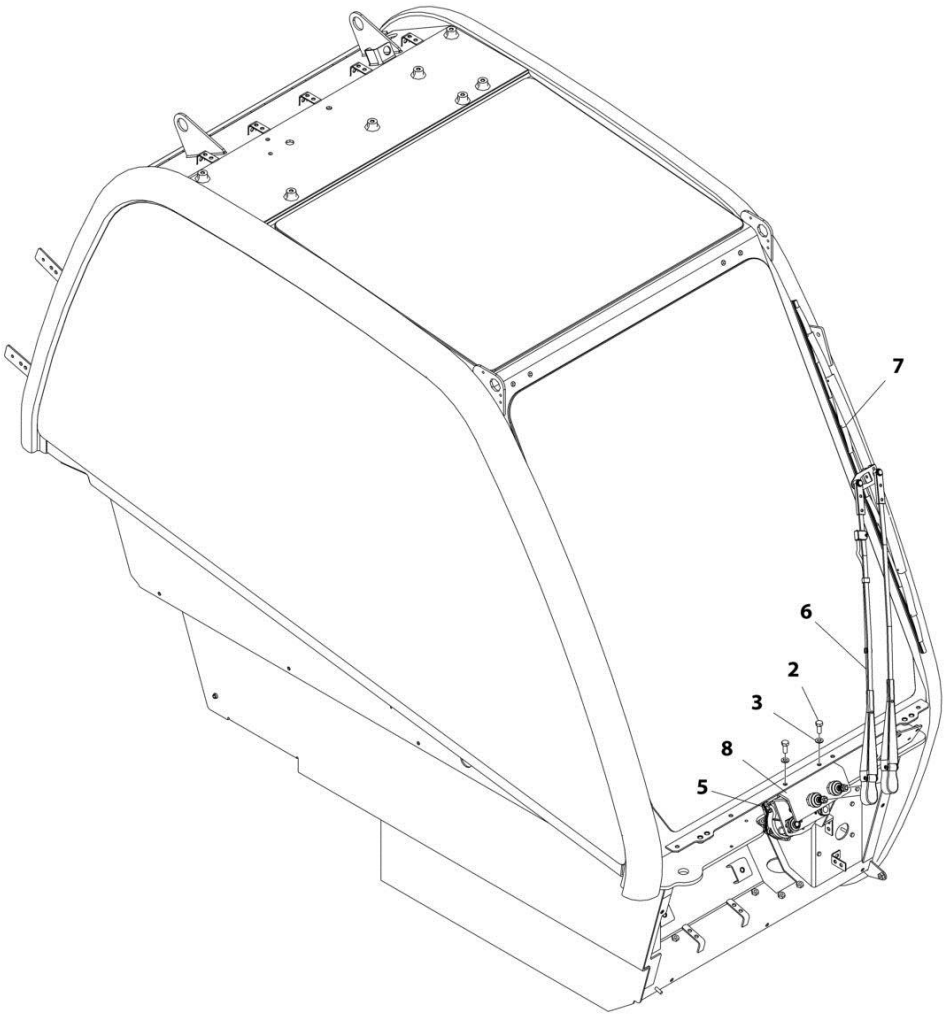


FIGURE 6-80. FRONT WIPER INSTALLATION

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 6-81. WASHER TANK INSTALLATION

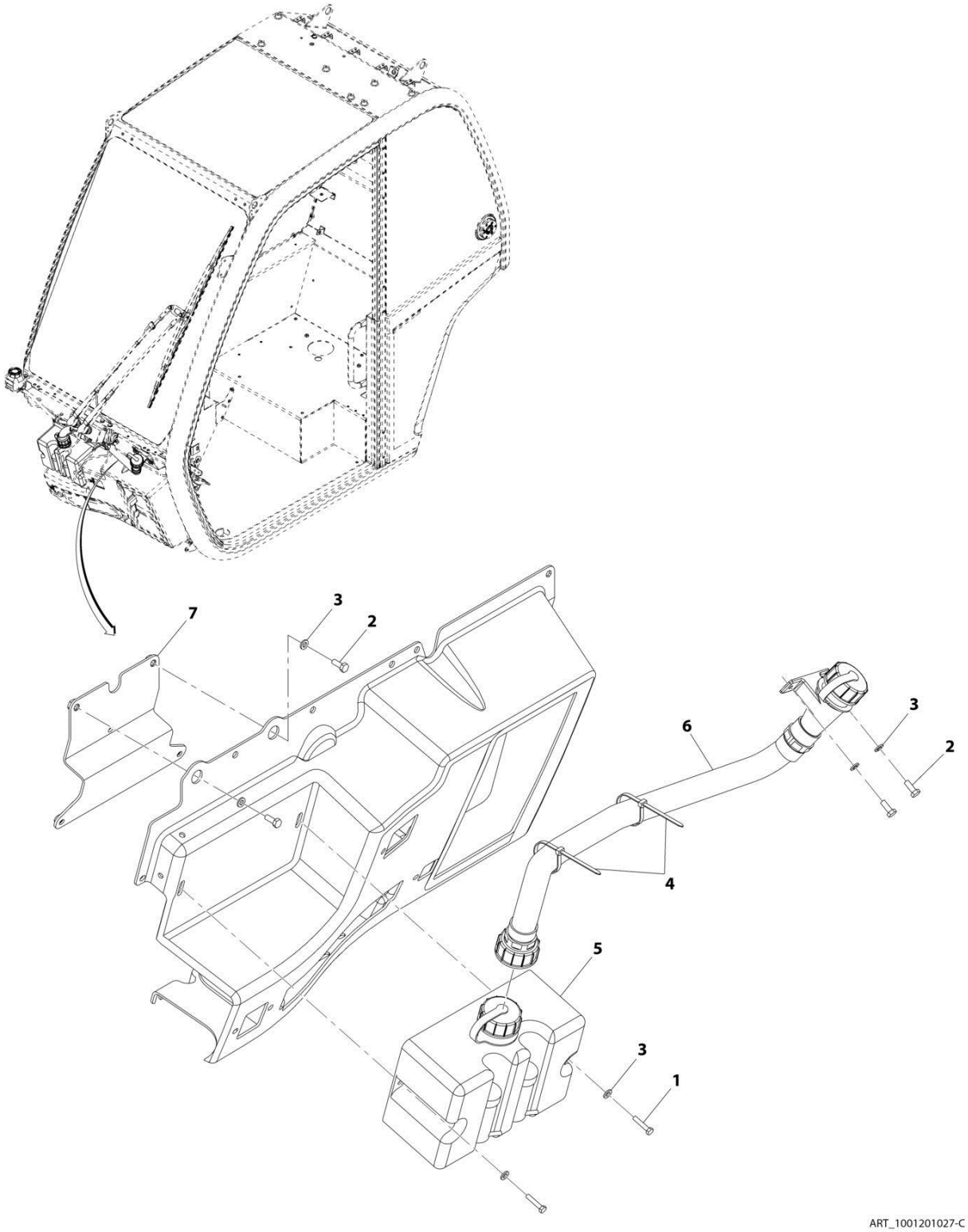
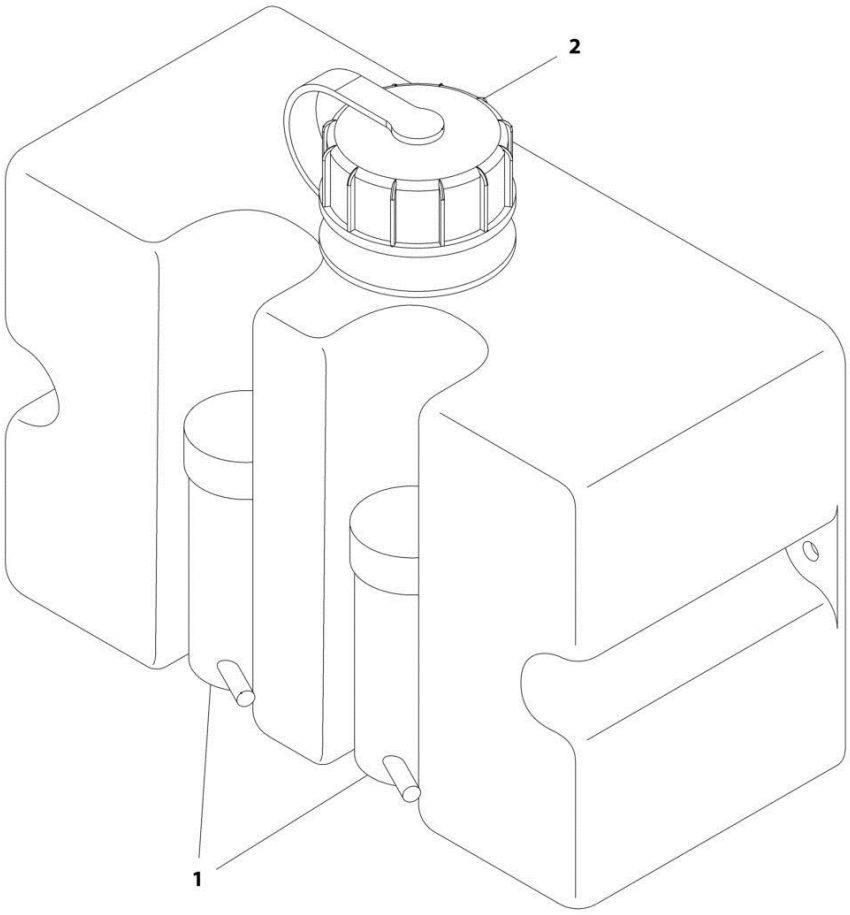


FIGURE 6-81. WASHER TANK INSTALLATION

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 6-82. WASHER BOTTLE



ART_1001165269-B

FIGURE 6-82. WASHER BOTTLE

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

FIGURE 6-83. WASHER HOSES INSTALLATION

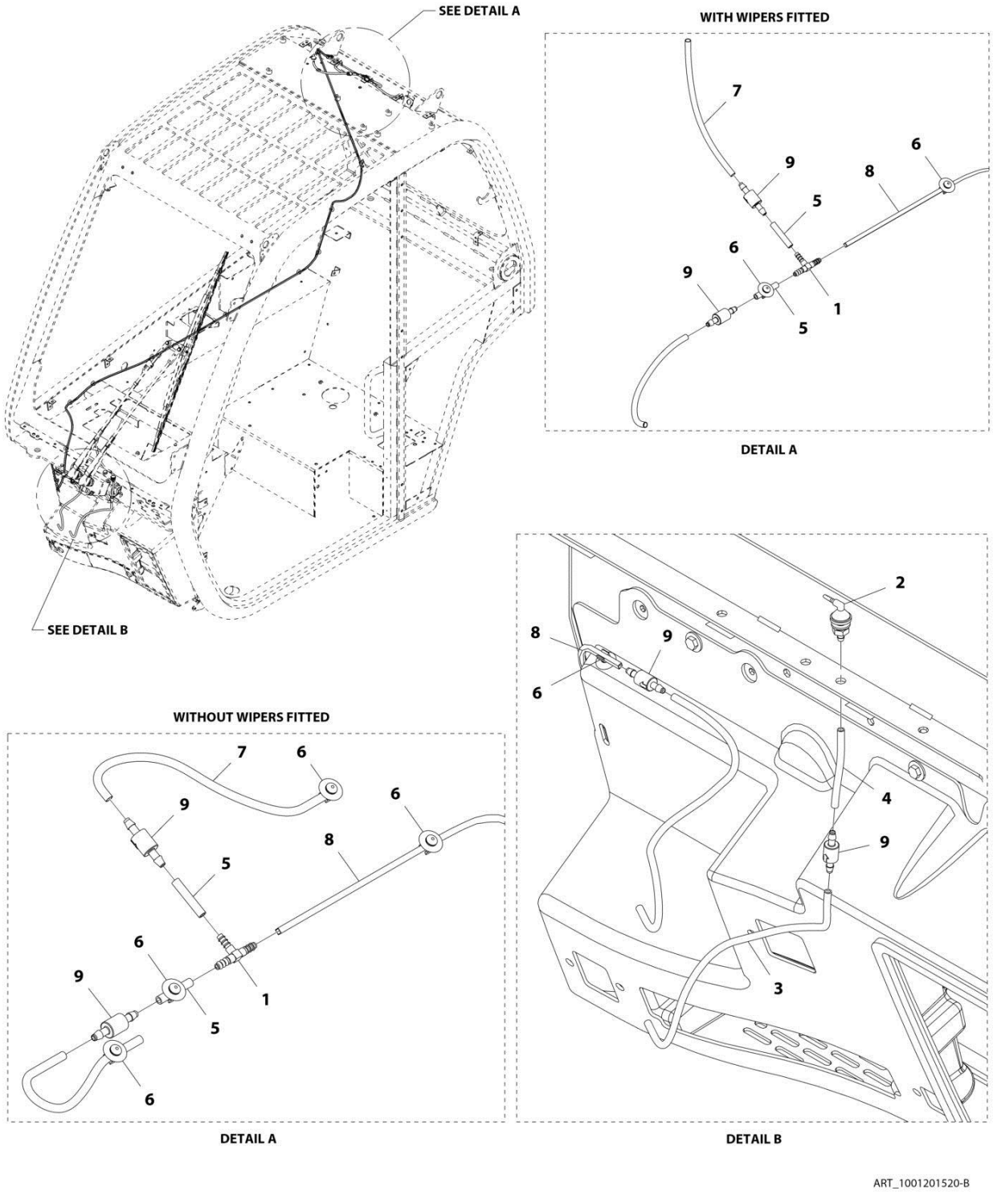


FIGURE 6-83. WASHER HOSES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201520	Ref	Washer Hoses Installation	B
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

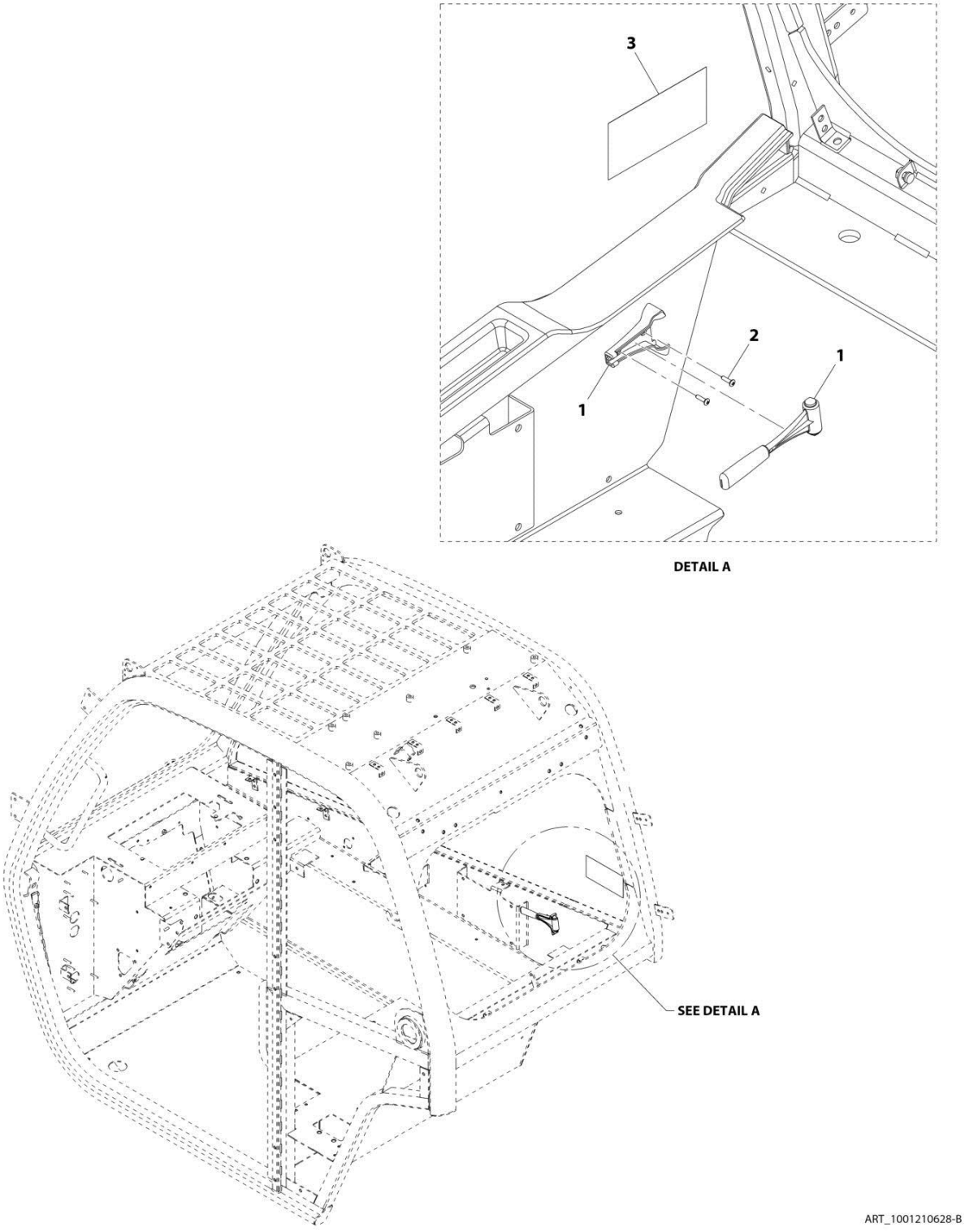


FIGURE 6-84. HAMMER INSTALLATION

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

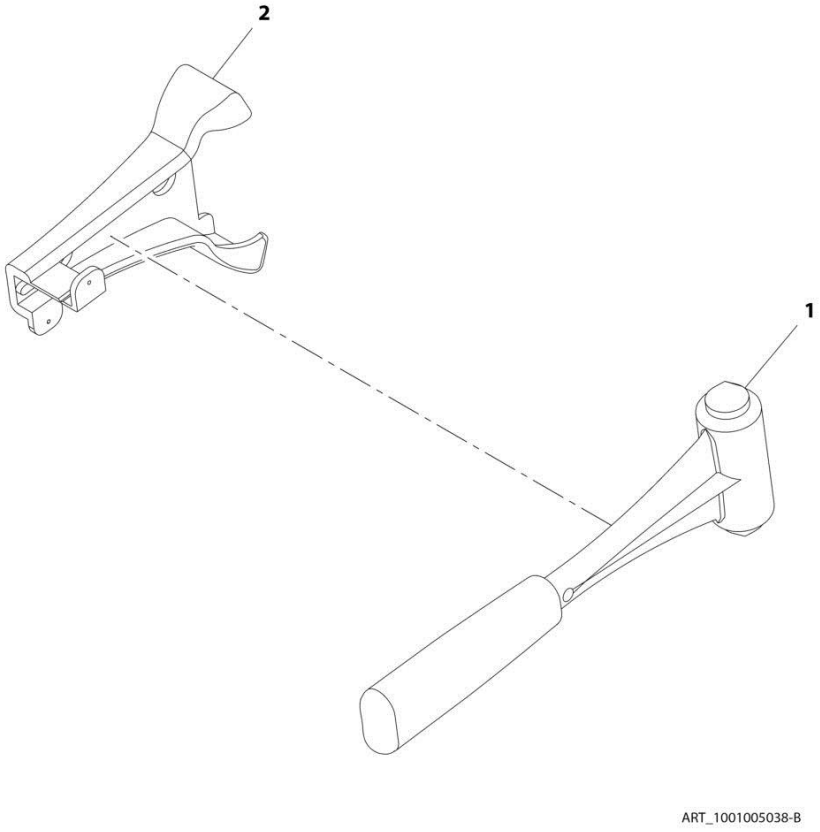


FIGURE 6-85. HAMMER ATTACHMENT ASSEMBLY

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

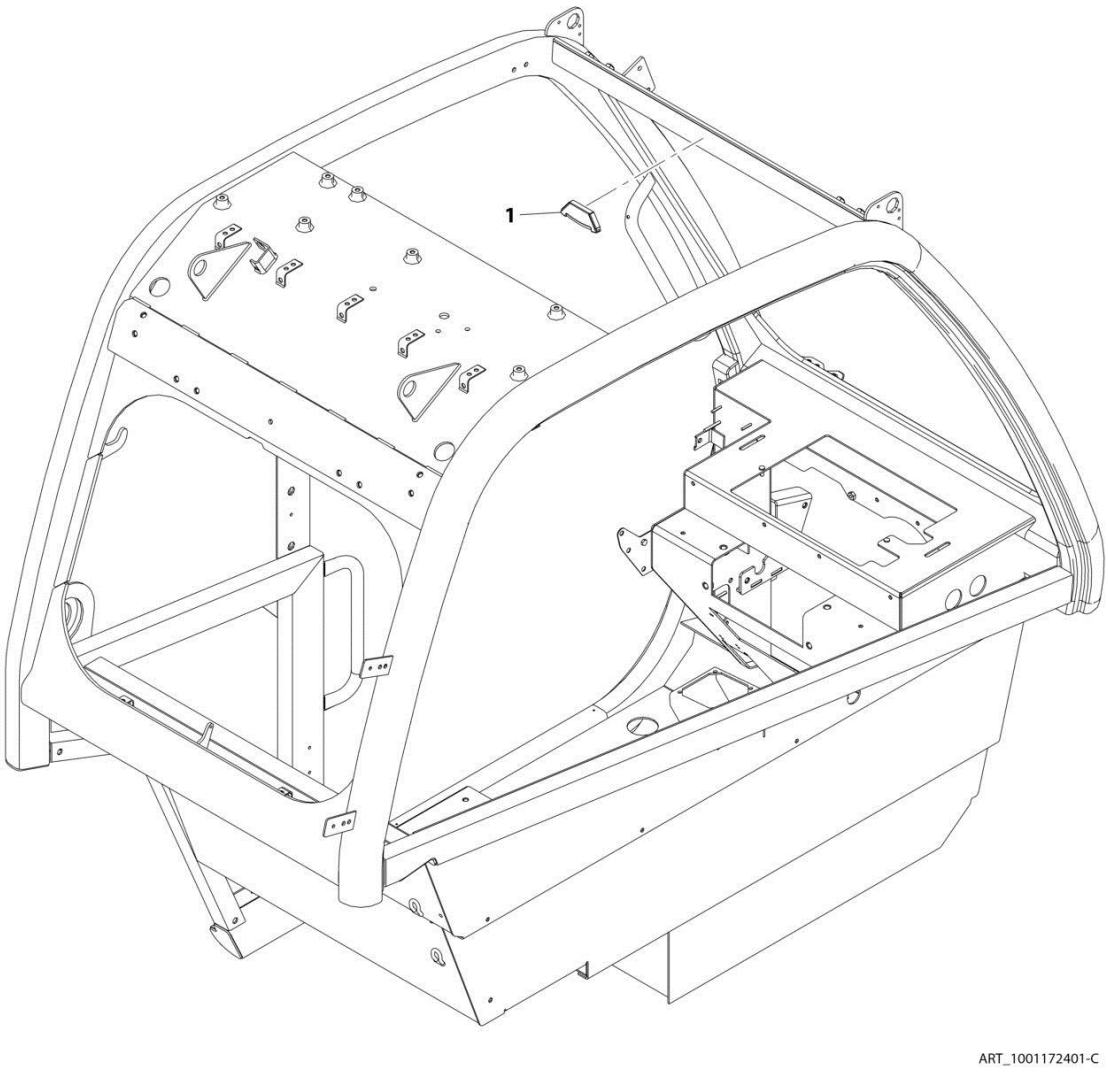


FIGURE 6-86. LEVEL INDICATOR INSTALLATION

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

FIGURE 6-87. HVAC CAB ACTUATOR

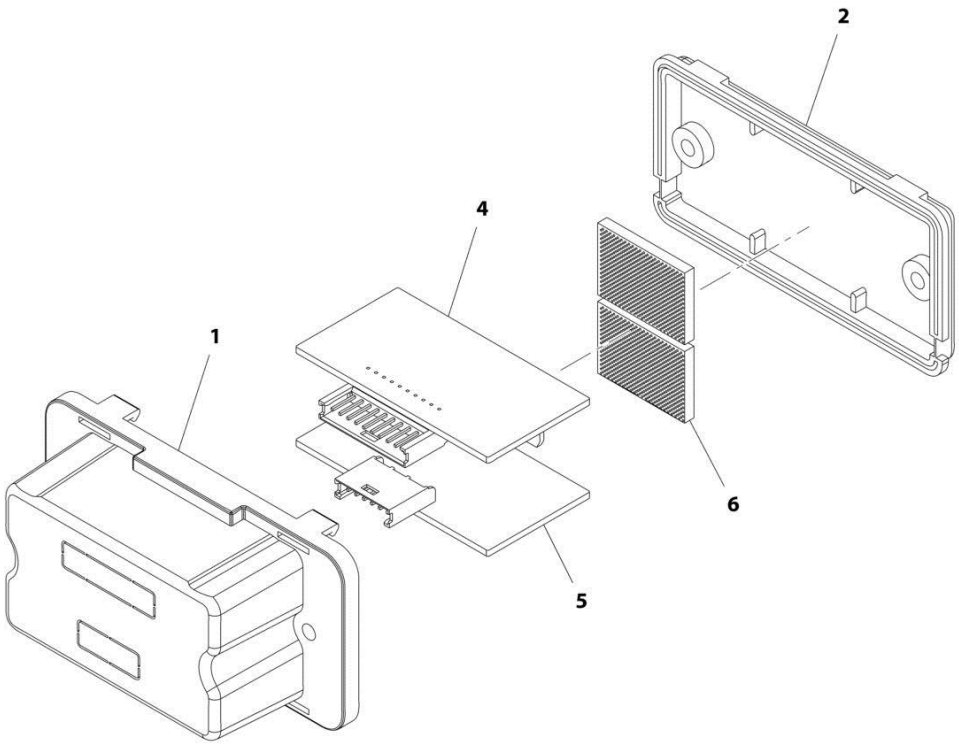


FIGURE 6-87. HVAC CAB ACTUATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172551	Ref	HVAC Cab Actuator	C
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	

SECTION 7 - CONTROLS

FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

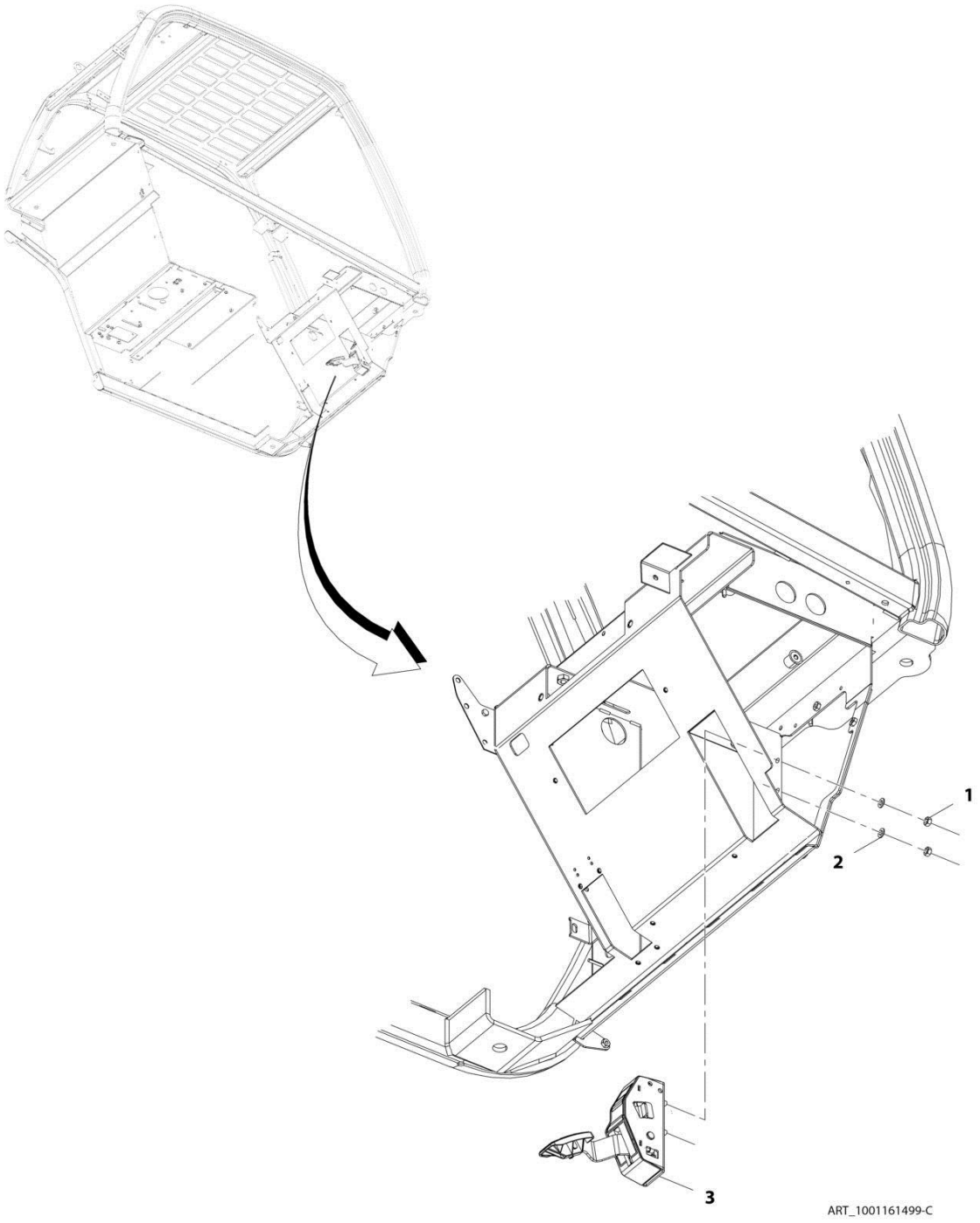


FIGURE 7-1. ACCELERATOR PEDAL INSTALLATION

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

FIGURE 7-2. ACCELERATOR PEDAL

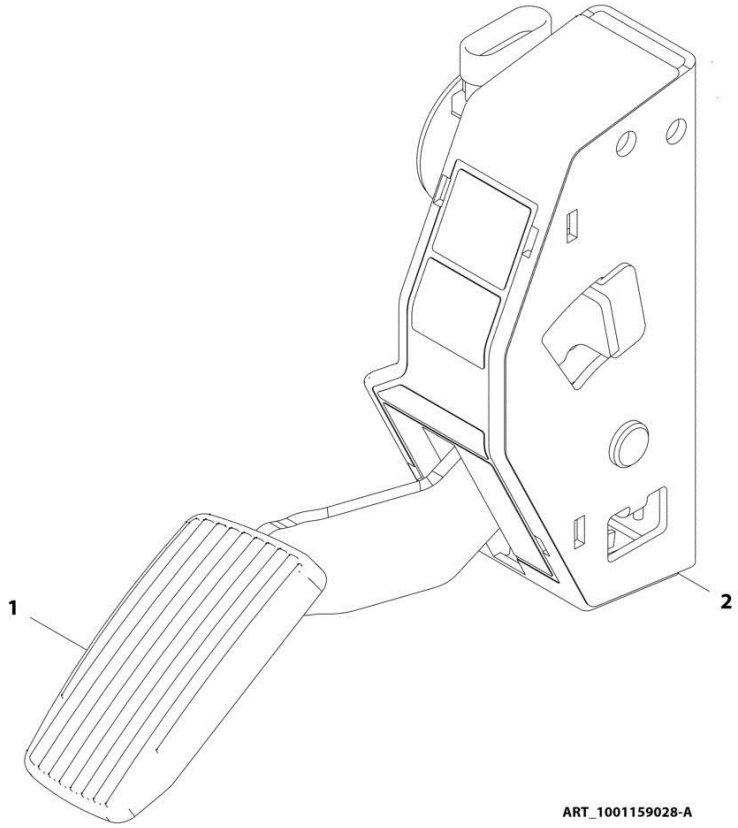


FIGURE 7-2. ACCELERATOR PEDAL

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

FIGURE 7-3. BRAKE PEDAL INSTALLATION (Prior to SN 1160008518)

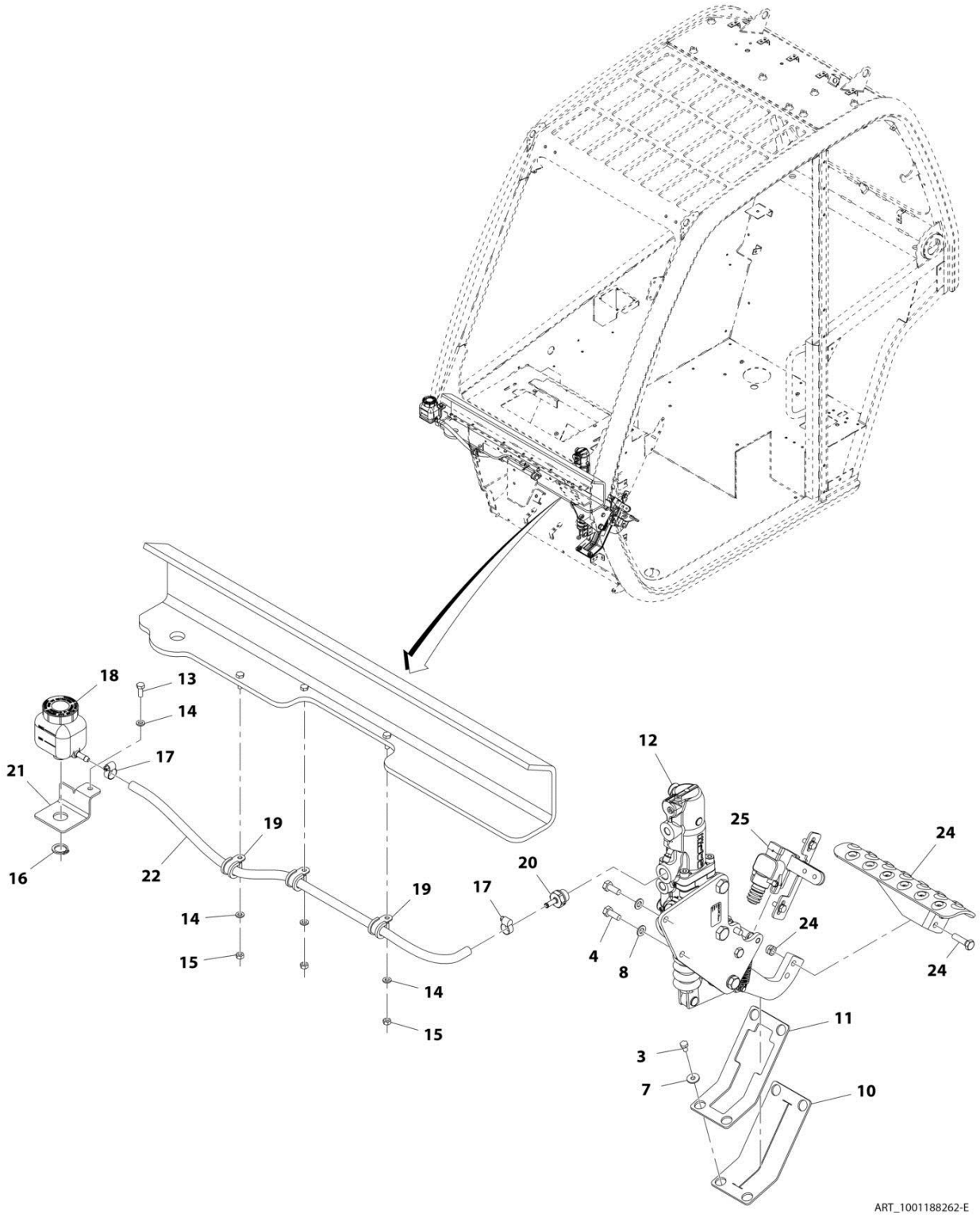


FIGURE 7-3. BRAKE PEDAL INSTALLATION (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188262	Ref	Brake Pedal Installation	E
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	1001187413	1	Pedal, Brake (See Separate Breakdown in this Section)	
13	0760608	1	Bolt, M6X16	
14	4811700	4	Washer, M6	
15	3290601	3	Nut, M6X1 Grade 8	
16	3760348	1	Ring, Retaining	
17	8405009	2	Clamp, Gear	
18	1001214220	1	Reservoir, Brake	
19	1001170231	3	Clip	
20	1001171874	1	Fitting, Hose Barb	
21	1001172088	1	Bracket	
22	1001172094	1	Hose	
24	1001197139	1	Plate, Brake Pedal (See Separate Breakdown in this Section)	
25	1001205061	Ref	Installation, Brake Sensor (See Separate Breakdown in this Section)	

FIGURE 7-4. BRAKE PEDAL INSTALLATION (SN 1160008518 to Present)

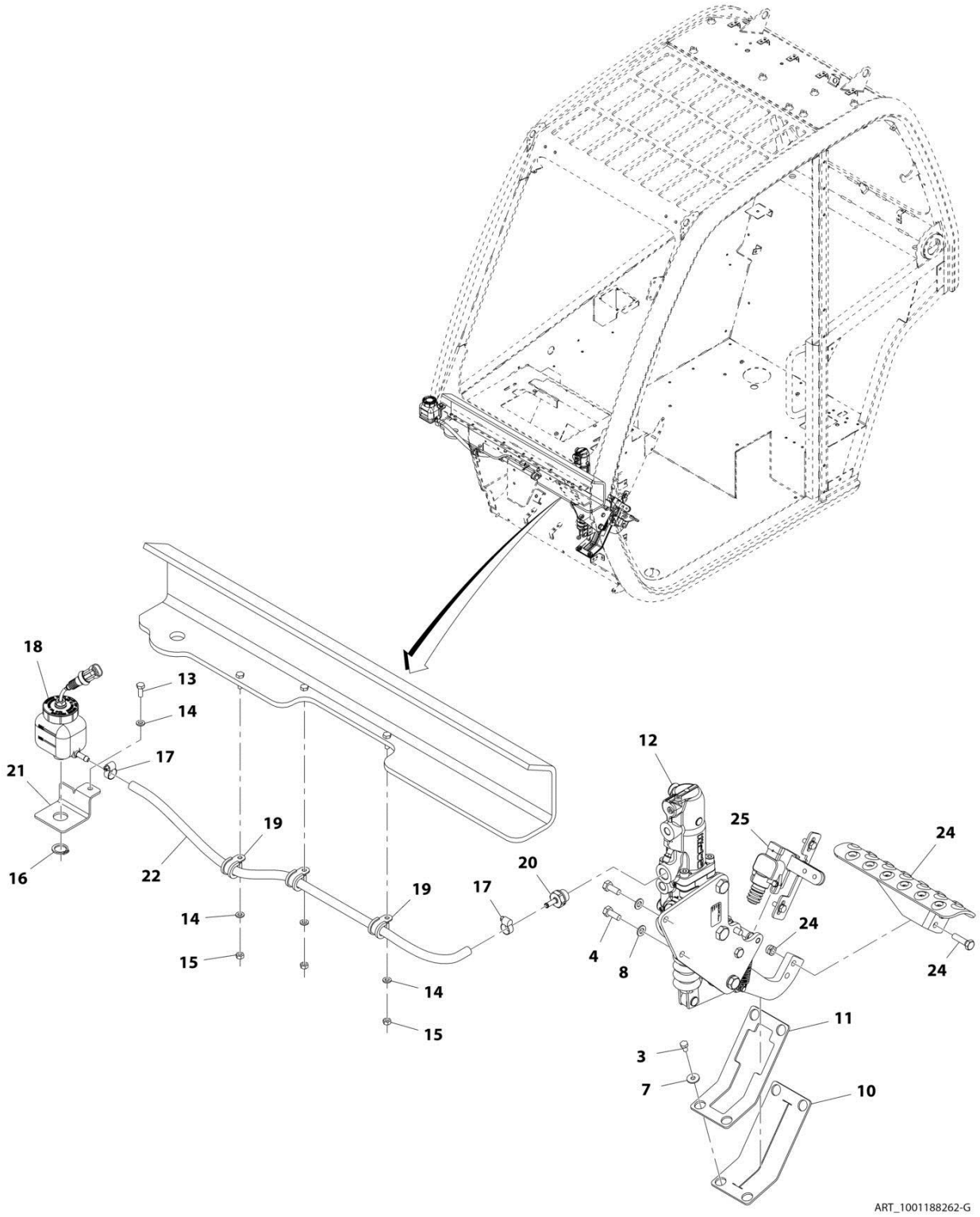


FIGURE 7-4. BRAKE PEDAL INSTALLATION (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188262	Ref	Brake Pedal Installation	G
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	1001187413	1	Pedal, Brake (See Separate Breakdown in this Section)	
13	0760608	1	Bolt, M6X16	
14	4811700	4	Washer, M6	
15	3290601	3	Nut, M6X1 Grade 8	
16	3760348	1	Ring, Retaining	
17	8405009	2	Clamp, Gear	
18	1001228974	1	Reservoir, Brake	
19	1001170231	3	Clip	
20	1001171874	1	Fitting, Hose Barb	
21	1001172088	1	Bracket	
22	1001172094	1	Hose	
24	1001197139	1	Plate, Brake Pedal (See Separate Breakdown in this Section)	
25	1001205061	Ref	Installation, Brake Sensor (See Separate Breakdown in this Section)	

FIGURE 7-5. BRAKE PEDAL

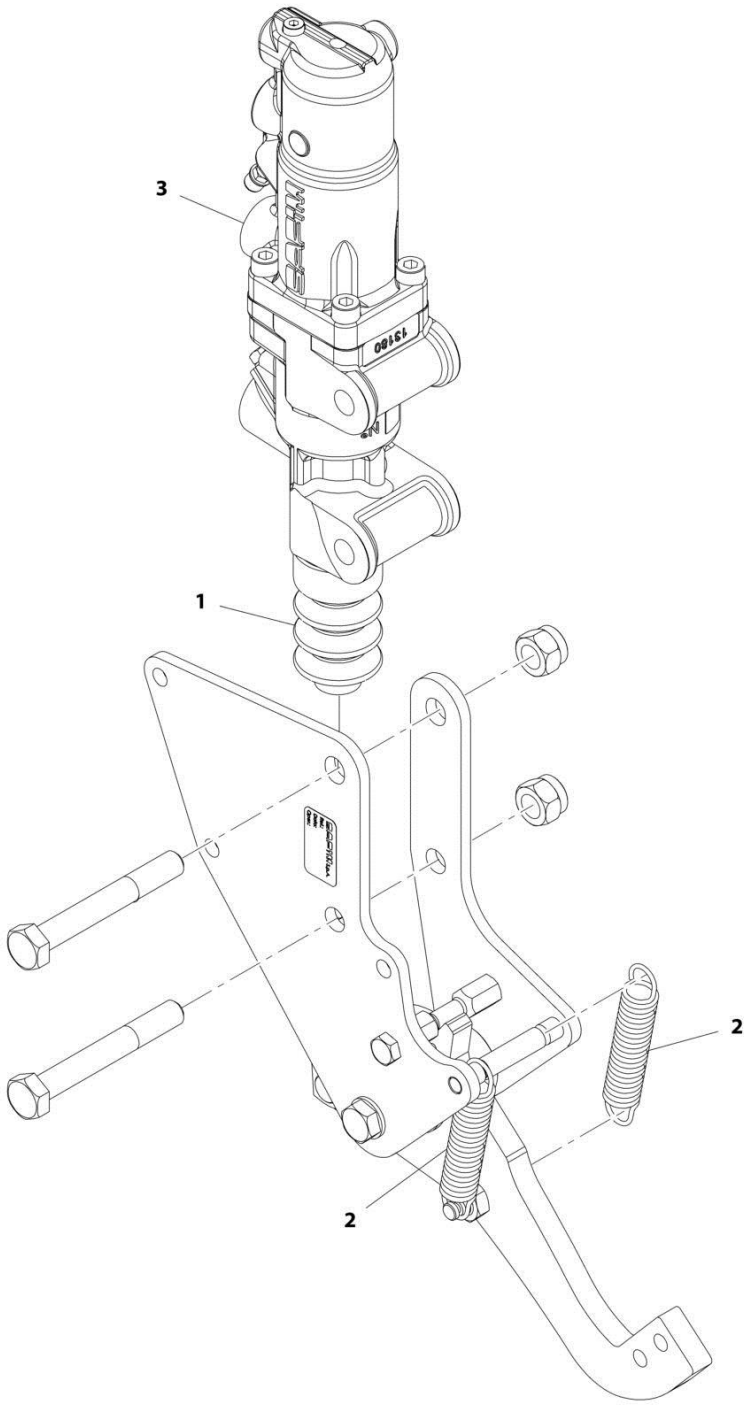
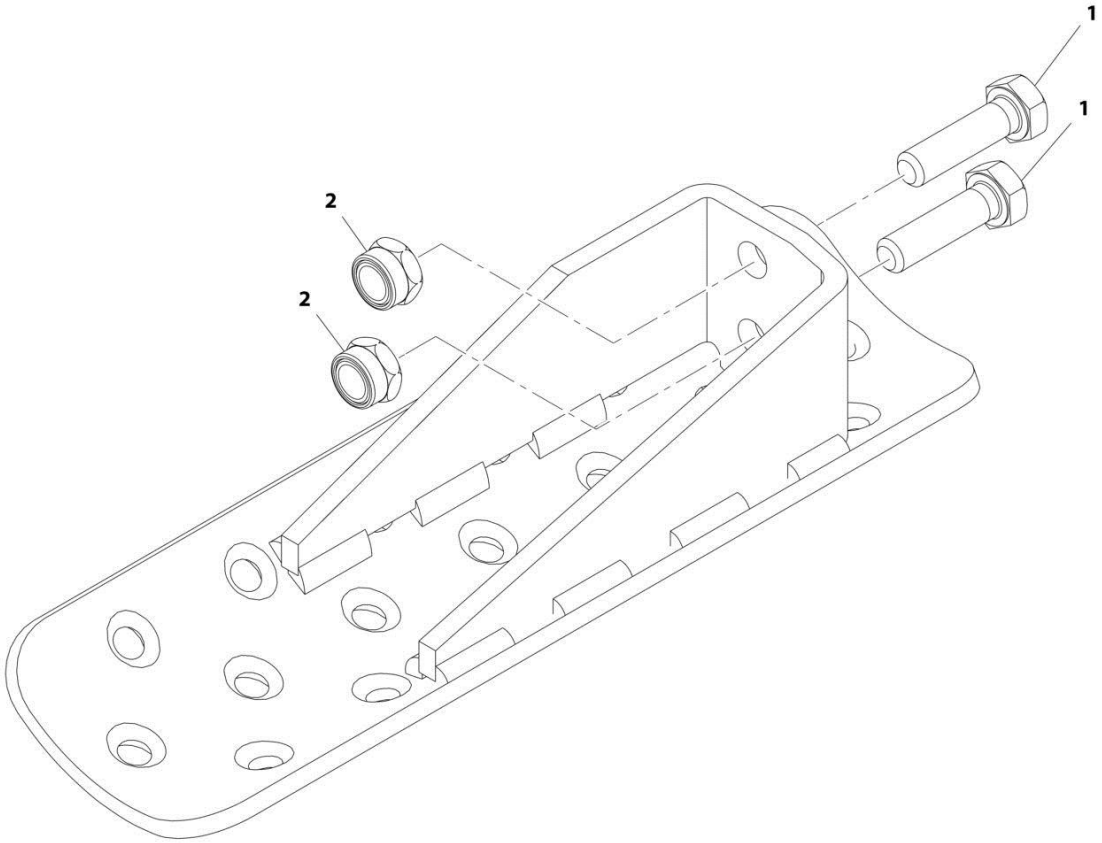


FIGURE 7-5. BRAKE PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187413	Ref	Brake Pedal	D
1	70025859	1	Cover, Dust	
2	70025860	1	Spring, Return	
3	70026537	1	Cylinder, Master	

FIGURE 7-6. BRAKE PEDAL PLATE



ART_1001197139-A

FIGURE 7-6. 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 7-7. BRAKE SENSOR INSTALLATION

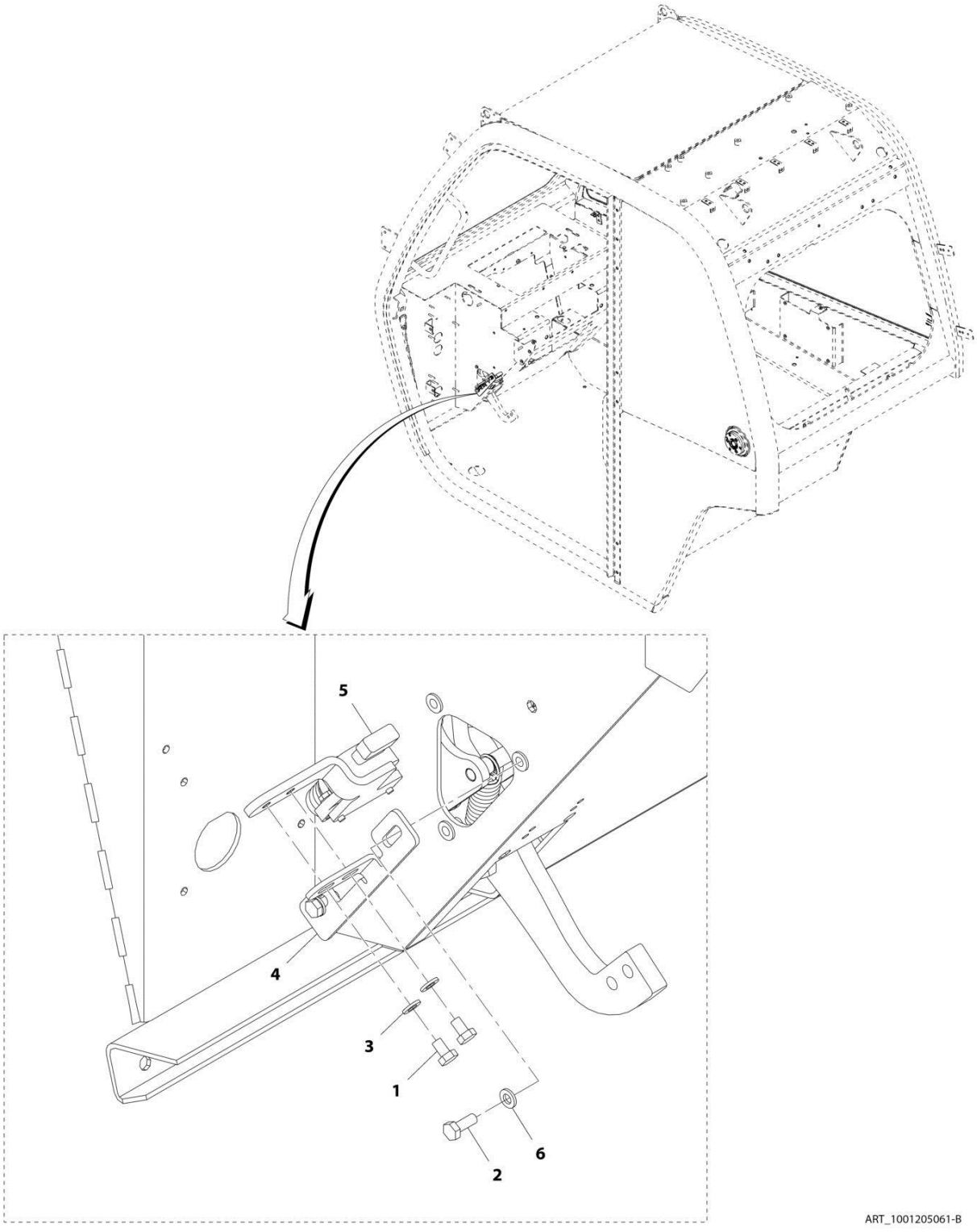
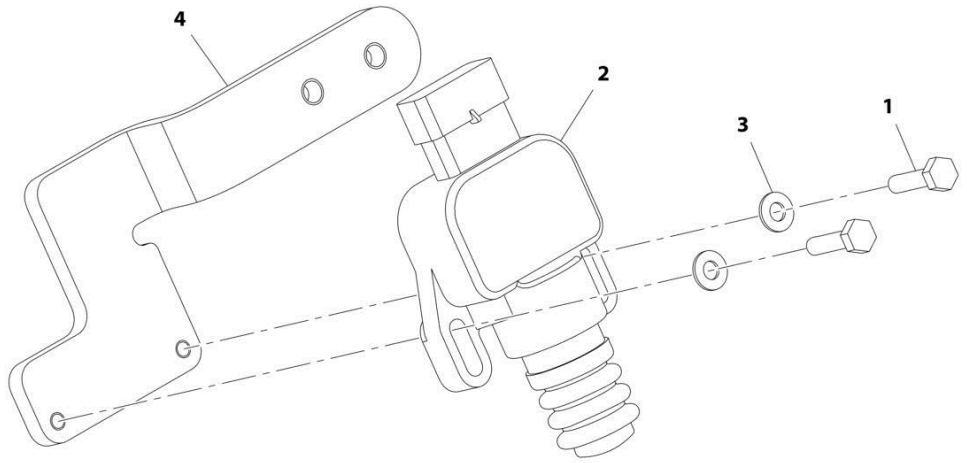


FIGURE 7-7. BRAKE SENSOR INSTALLATION

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 7-8. SWITCH PLATE ASSEMBLY



ART_1001201501-A

FIGURE 7-8. SWITCH PLATE ASSEMBLY

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

FIGURE 7-9. PARKING BRAKE INSTALLATION (CABLE)

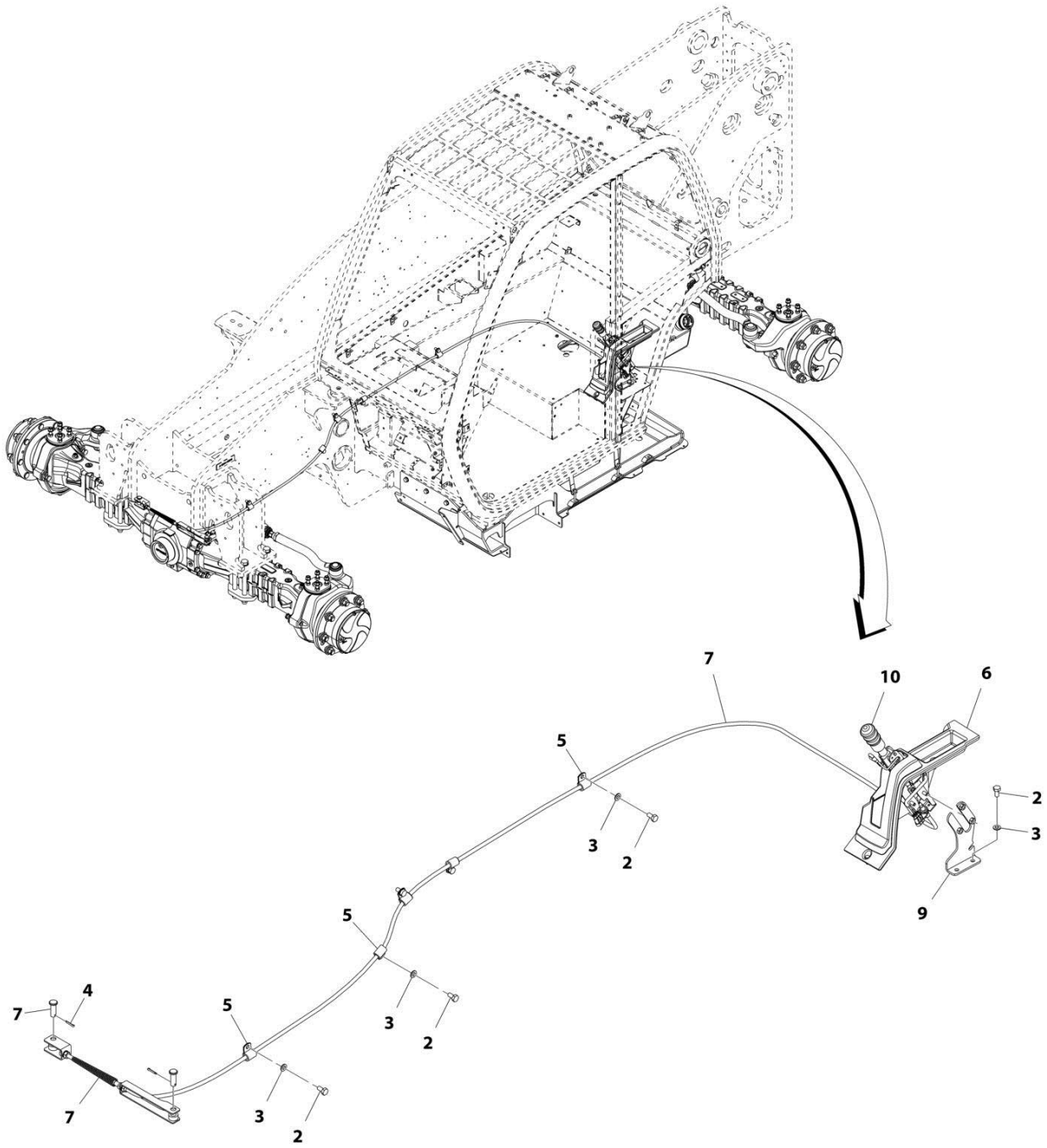


FIGURE 7-9. PARKING BRAKE INSTALLATION (CABLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180472	Ref	Parking Brake Installation (Cable)	E
2	0761010	7	Bolt, M10X20	
3	4812000	7	Washer, M10	
4	3391408	2	Pin	
5	1001003809	5	Clamp	
6	1001174567	1	Cover, Parking Brake (Mechanical) (See Separate Breakdown in this Section)	
7	1001177053	1	Assembly, Parking Cable (Mechanical) (See Separate Breakdown in this Section)	
9	1001195207	1	Bracket	
10	1001201951	1	Lever, Parking Brake (Mechanical)	

FIGURE 7-10. PARKING BRAKE INSTALLATION (SAHR)

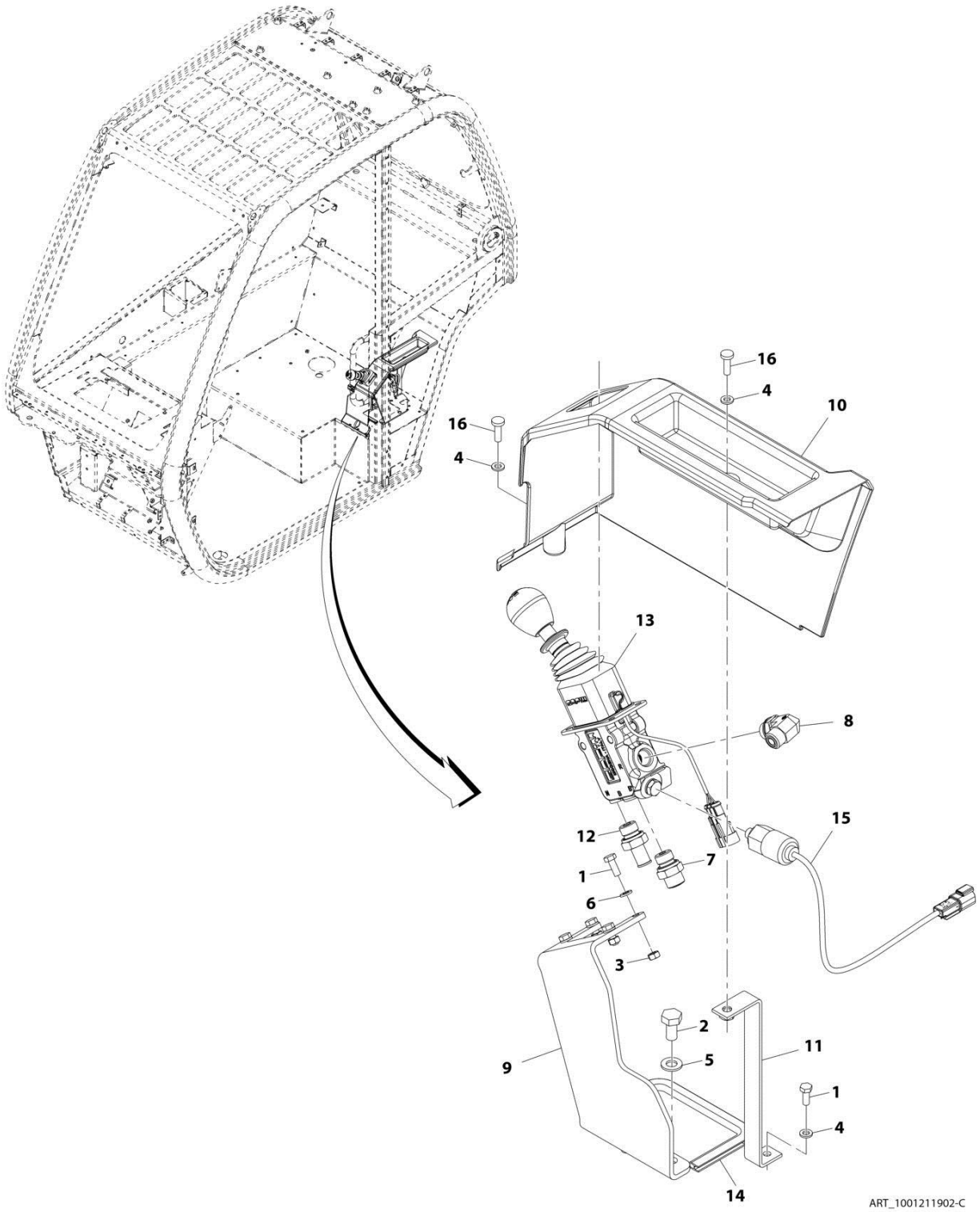
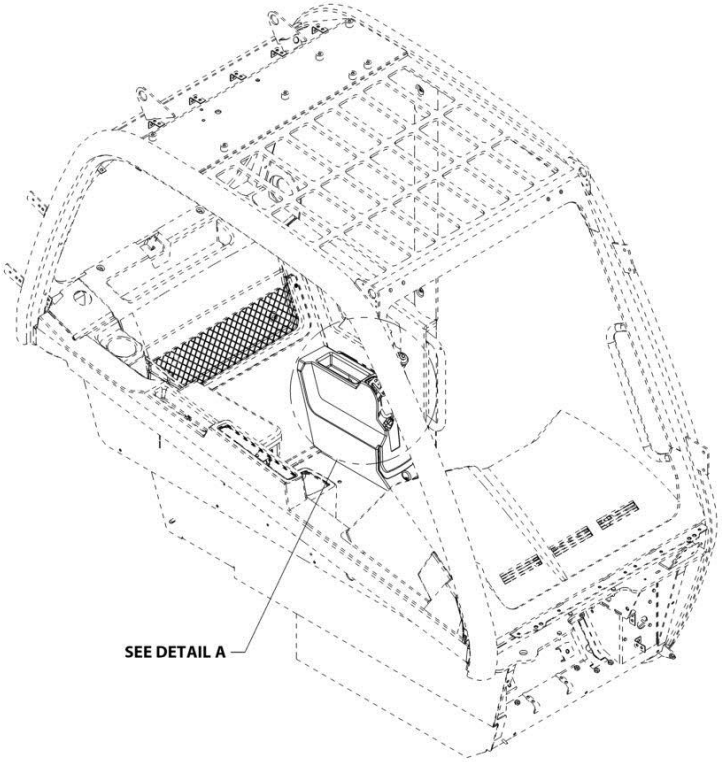
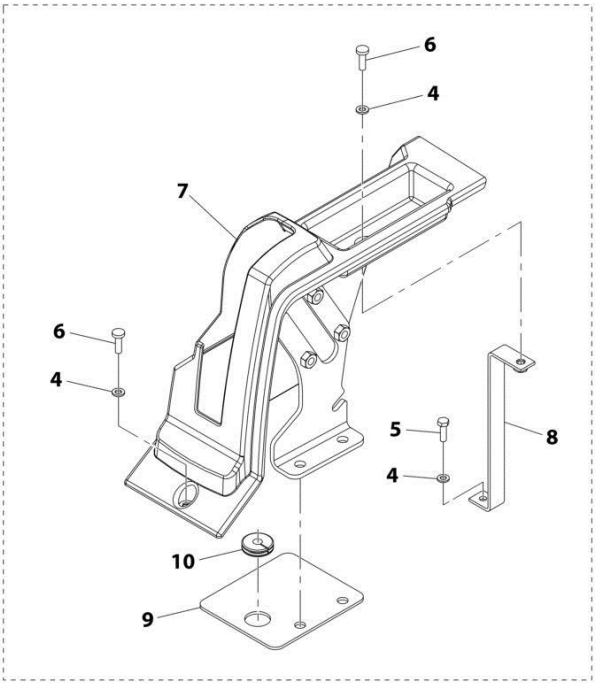


FIGURE 7-10. PARKING BRAKE INSTALLATION (SAHR)

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. PARKING BRAKE COVER (MECHANICAL)





DETAIL A

ART_1001174567-C

FIGURE 7-11. PARKING BRAKE COVER (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174567	Ref	Parking Brake Cover (Mechanical)	C
4	4811700	3	Washer, M6	
5	0700610	1	Bolt, M6X20	
6	4010610002	2	Screw, M6X20	
7	1001195004	1	Panel, Brake Cover	
8	1001195254	1	Bracket	
9	1001221255	1	Plate, Cover	
10	1001008469	1	Grommet	

FIGURE 7-12. PARKING CABLE ASSEMBLY (MECHANICAL)

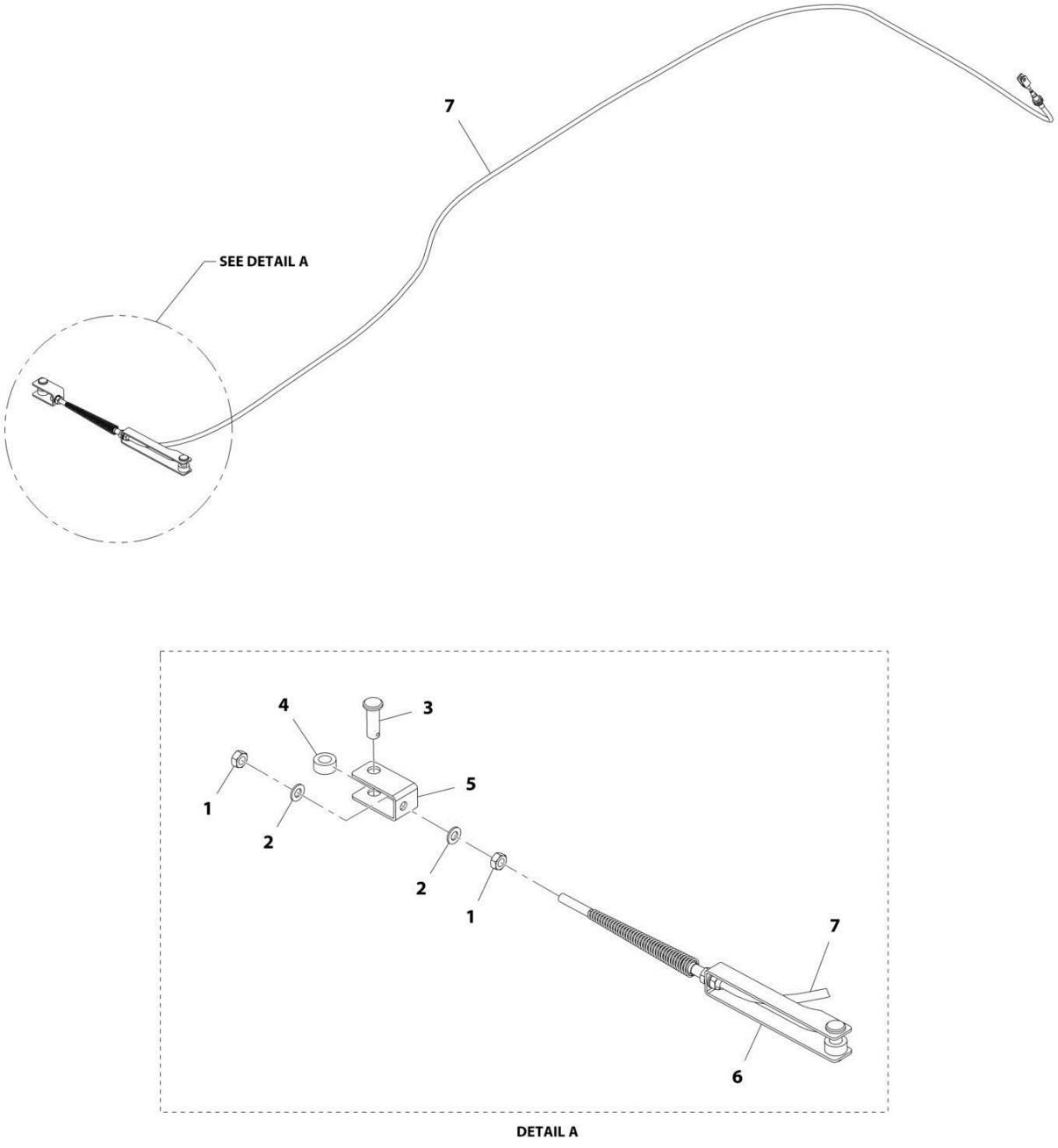


FIGURE 7-12. PARKING CABLE ASSEMBLY (MECHANICAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177053	Ref	Parking Cable Assembly (Mechanical)	A
1	3291001	4	Nut, M10X1.5 Grade 8	
2	4812000	4	Washer, M10	
3	1001177048	2	Pin	
4	1001177049	2	Spacer	
5	1001177050	1	Clevis, Park Brake Small	
6	1001177051	1	Clevis, Park Brake Large	
7	1001177052	1	Cable, Hand Brake	

FIGURE 7-13. STEERING WHEEL INSTALLATION

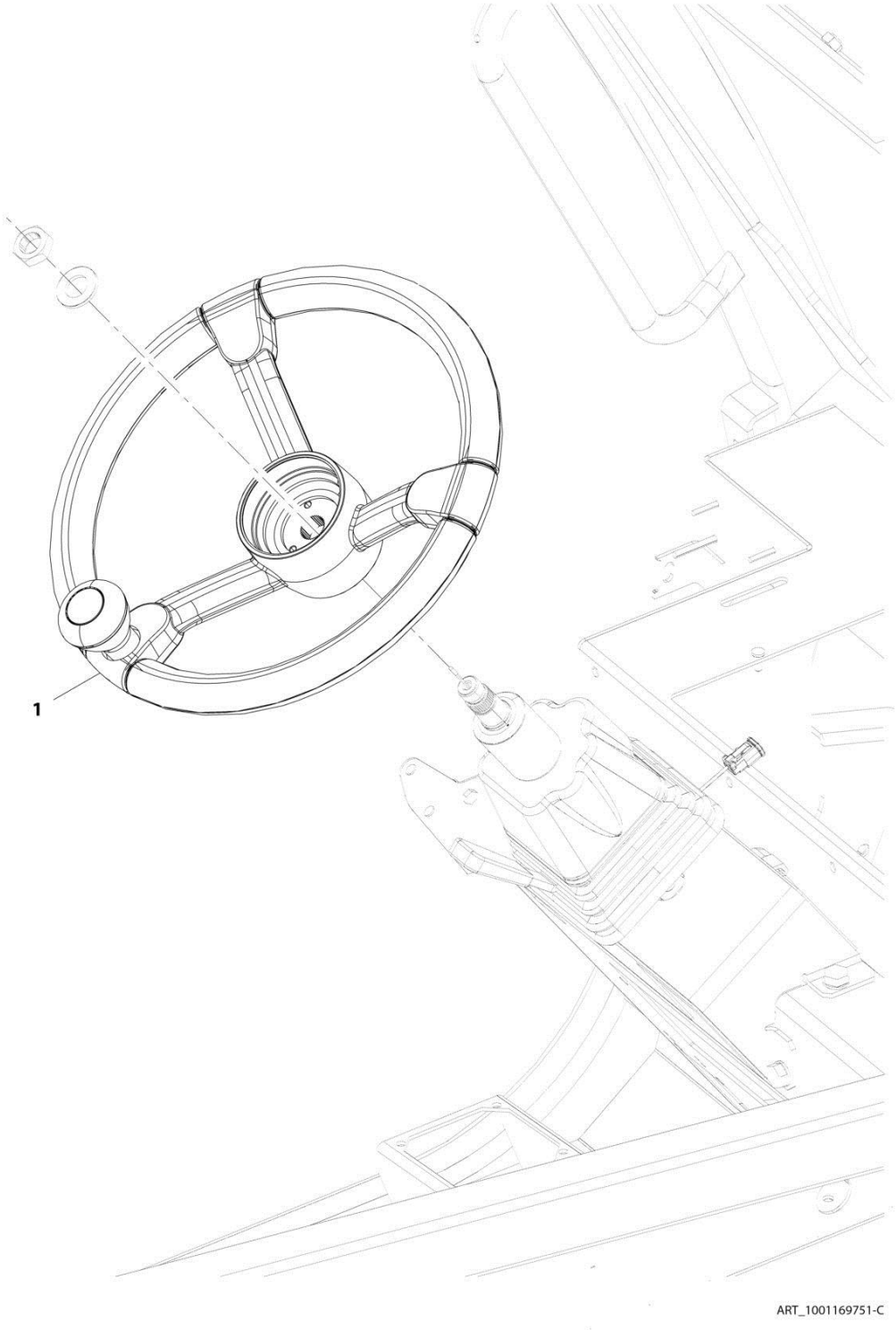
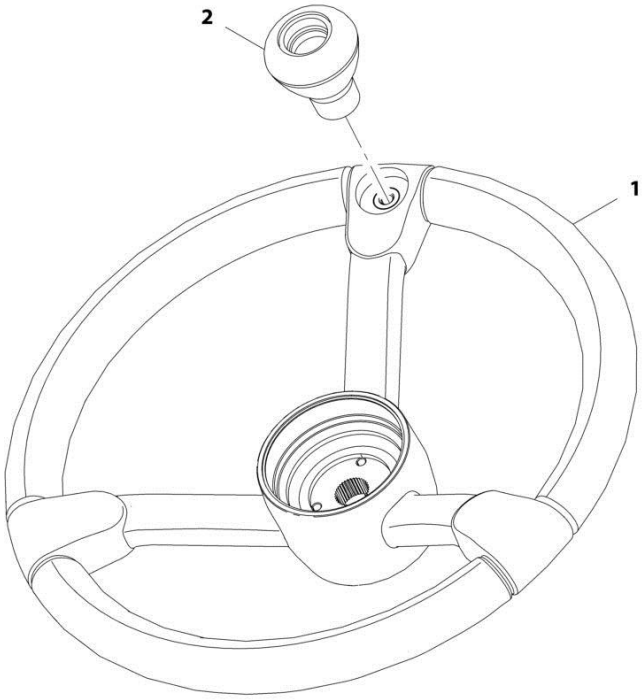


FIGURE 7-13. STEERING WHEEL INSTALLATION

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

FIGURE 7-14. STEERING WHEEL



ART_1001169354-D

FIGURE 7-14. 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 7-15. STEERING COLUMN INSTALLATION (Prior to SN 1160008518)

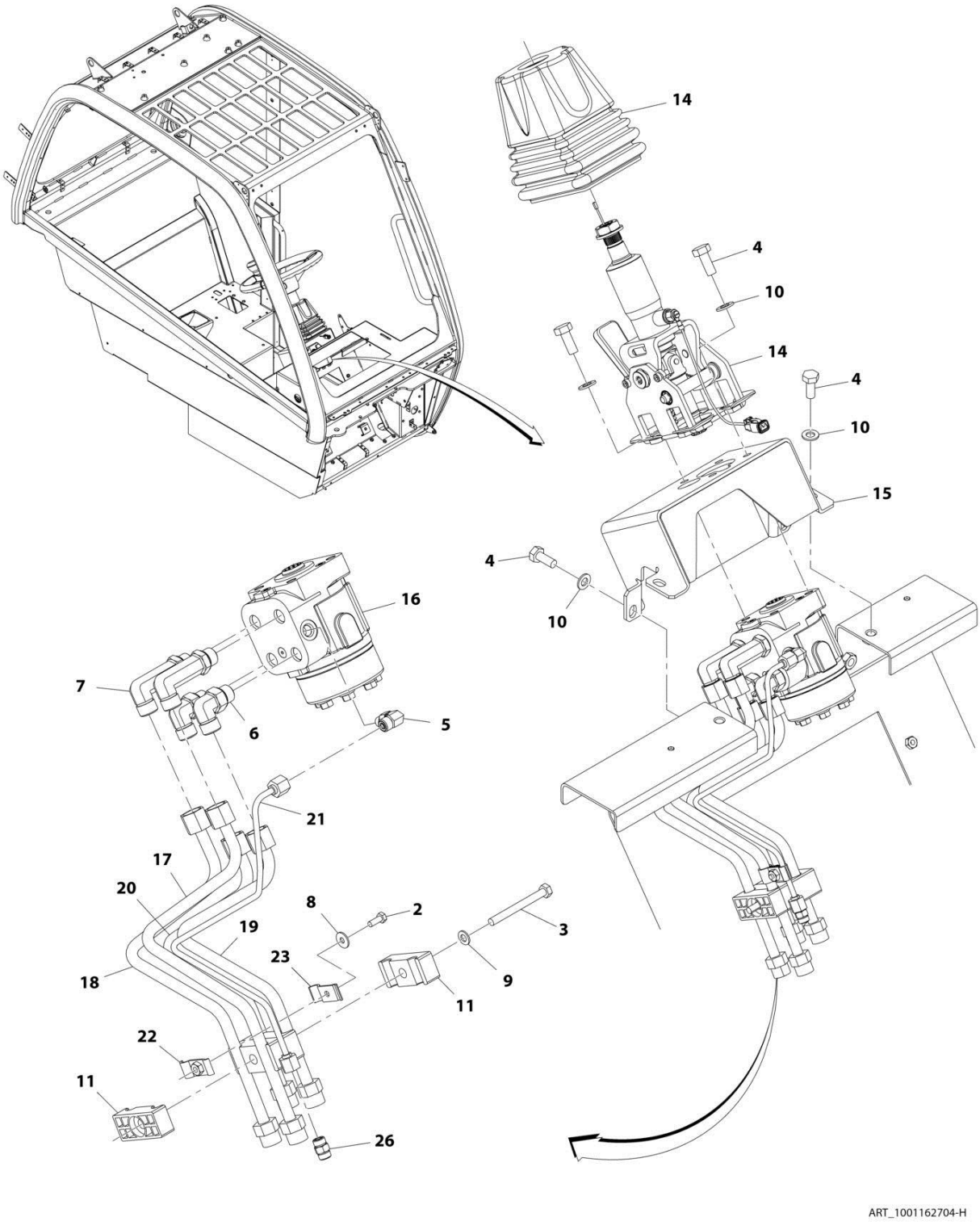


FIGURE 7-15. STEERING COLUMN INSTALLATION (Prior to SN 1160008518)

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 7-16. STEERING COLUMN INSTALLATION (SN 1160008518 to Present)

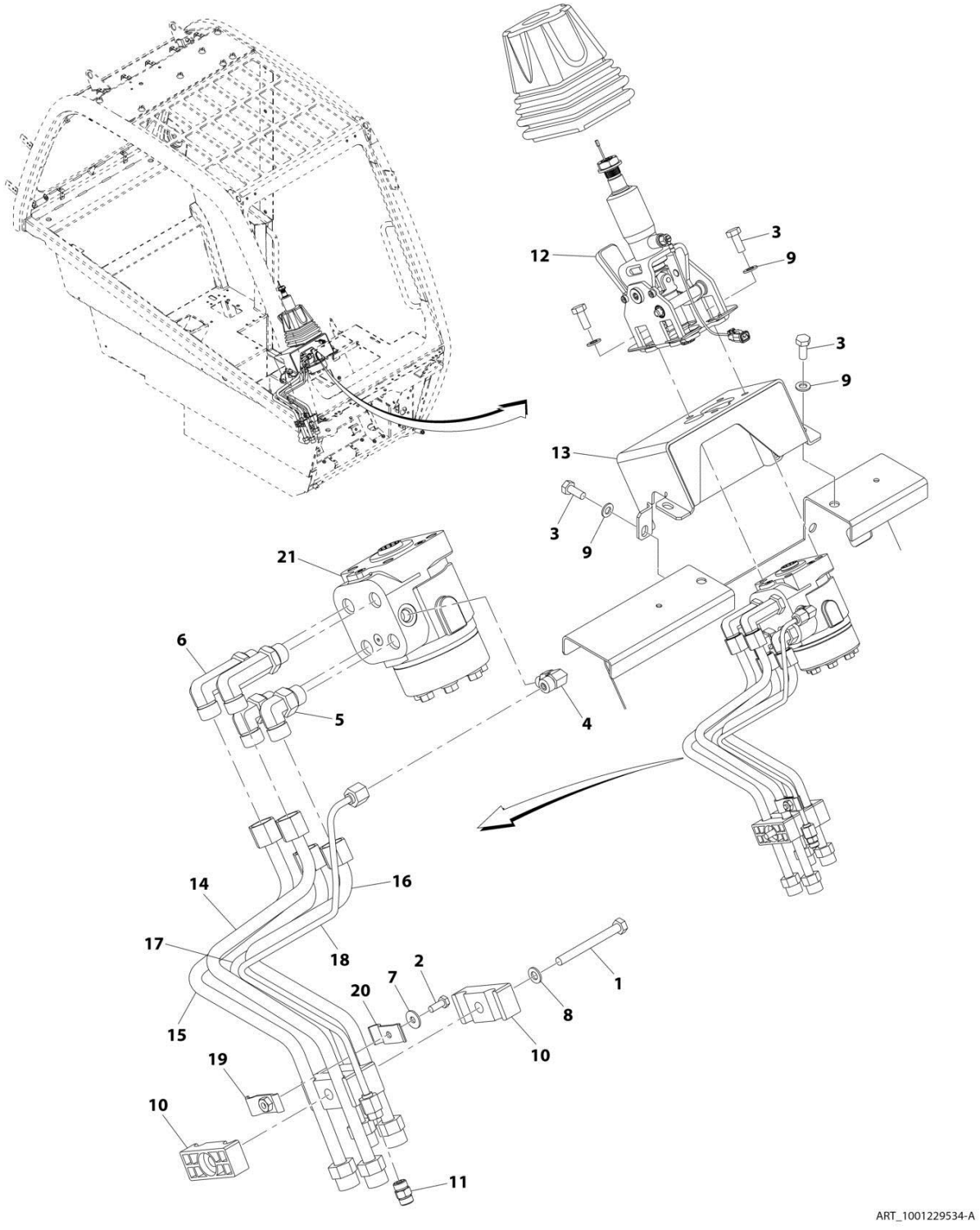


FIGURE 7-16. STEERING COLUMN INSTALLATION (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229534	Ref	Steering Column Installation	A
1	0700824	1	Bolt, M8X80	
2	0760608	1	Bolt, M6X16	
3	0761012	8	Bolt, M10X25	
4	2130404	1	Fitting, 90 ORFS	
5	2130808	2	Fitting, 90 ORFS	
6	2170208	2	Fitting, 90 ORFS	
7	4811702	1	Washer, M6	
8	4811900	1	Washer, M8	
9	4812000	8	Washer, M10	
10	1001004640	4	Clamp	
11	1001143857	1	Fitting, Straight ORFS	
12	1001155276	1	Column, Tilt Steering (See Separate Breakdown in this Section)	
13	1001156265	1	Bracket, Support	
14	1001161672	1	Pipe	
15	1001161896	1	Pipe	
16	1001161897	1	Pipe	
17	1001161898	1	Pipe	
18	1001162979	1	Pipe	
19	1001168142	1	Bracket	
20	1001168151	1	Bracket	
21	1001229087	1	Valve, Steering Unit	

FIGURE 7-17. TILT STEERING COLUMN

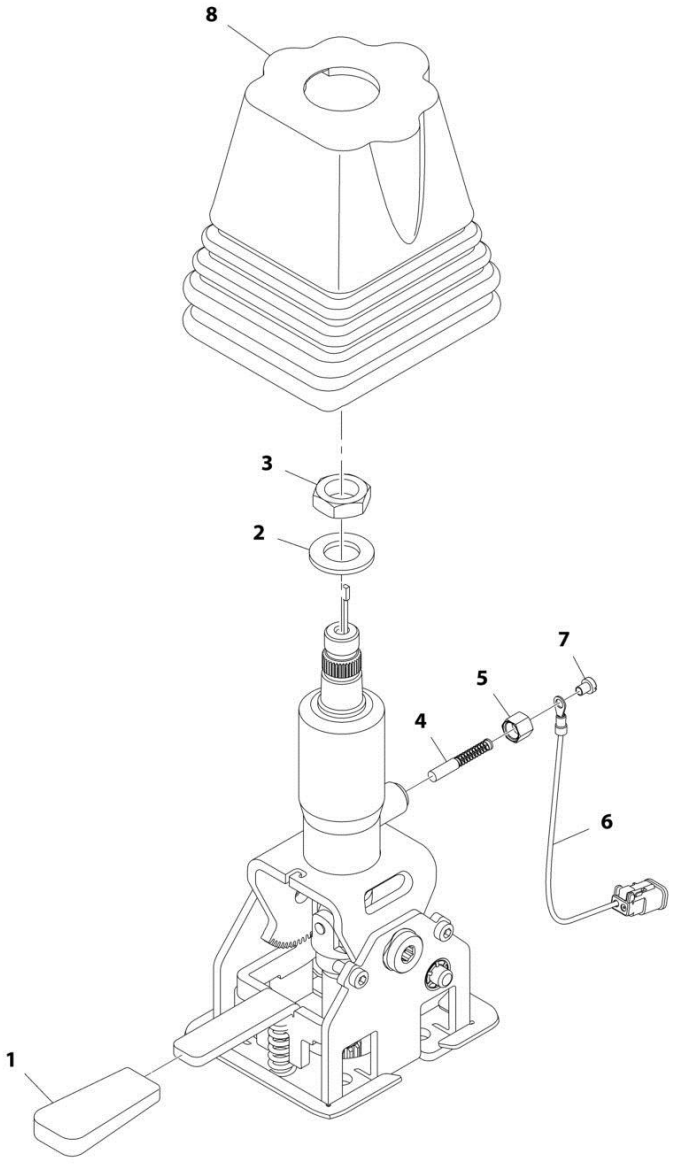
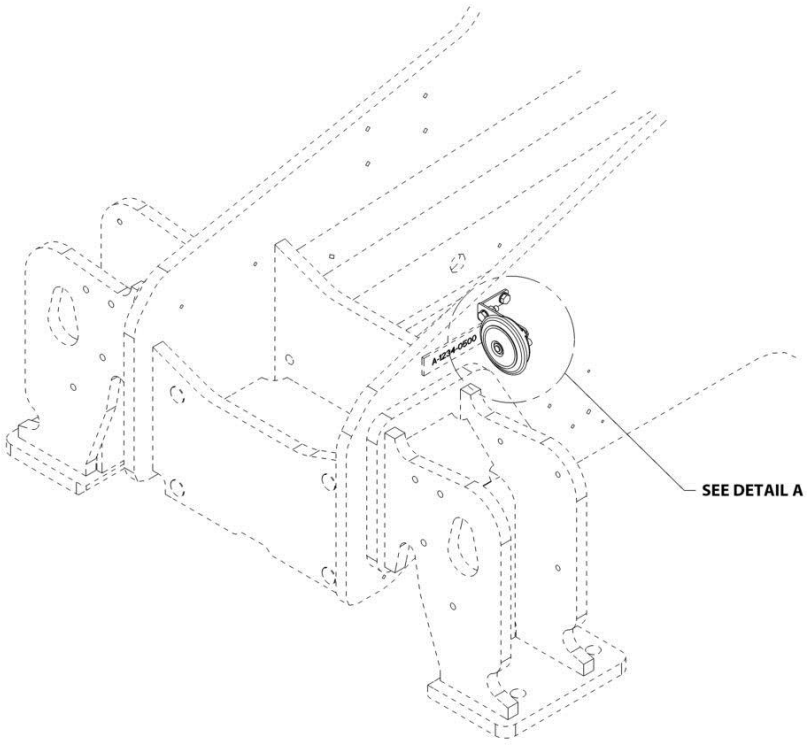
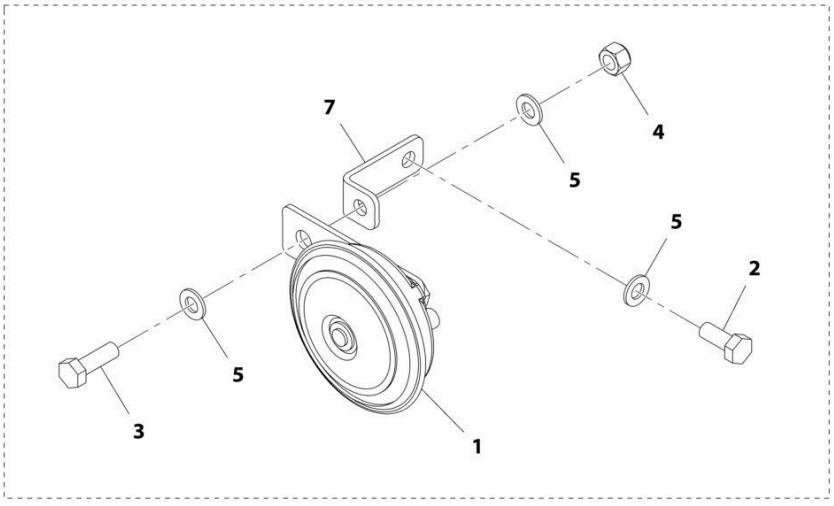


FIGURE 7-17. TILT STEERING COLUMN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155276	Ref	Tilt Steering Column	F
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	Gaiter	

FIGURE 7-18. HORN INSTALLATION





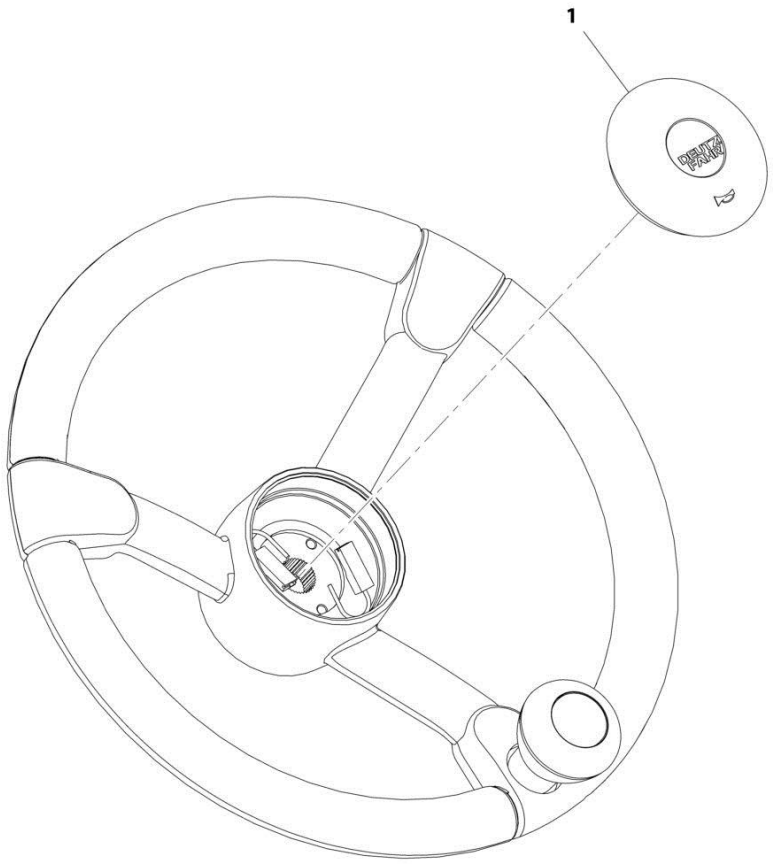
DETAIL A

ART_1001180418-C

FIGURE 7-18. HORN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180418	Ref	Horn Installation	C
1	1001003596	1	Horn	
2	0760810	1	Bolt, M8X20	
3	0760812	1	Bolt, M8X25	
4	3290805	1	Nut, Lock M8X1.25 Grade 8	
5	4811900	3	Washer, M8	
7	1001104437	1	Bracket, Horn Mount	

FIGURE 7-19. HORN BUTTON INSTALLATION



ART_1001169764-A

FIGURE 7-19. HORN BUTTON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169764	Ref	Horn Button Installation (Deutz-Fahr)	A
1	1001169269	1	Switch, Horn Button	

FIGURE 7-20. JOYSTICK INSTALLATION

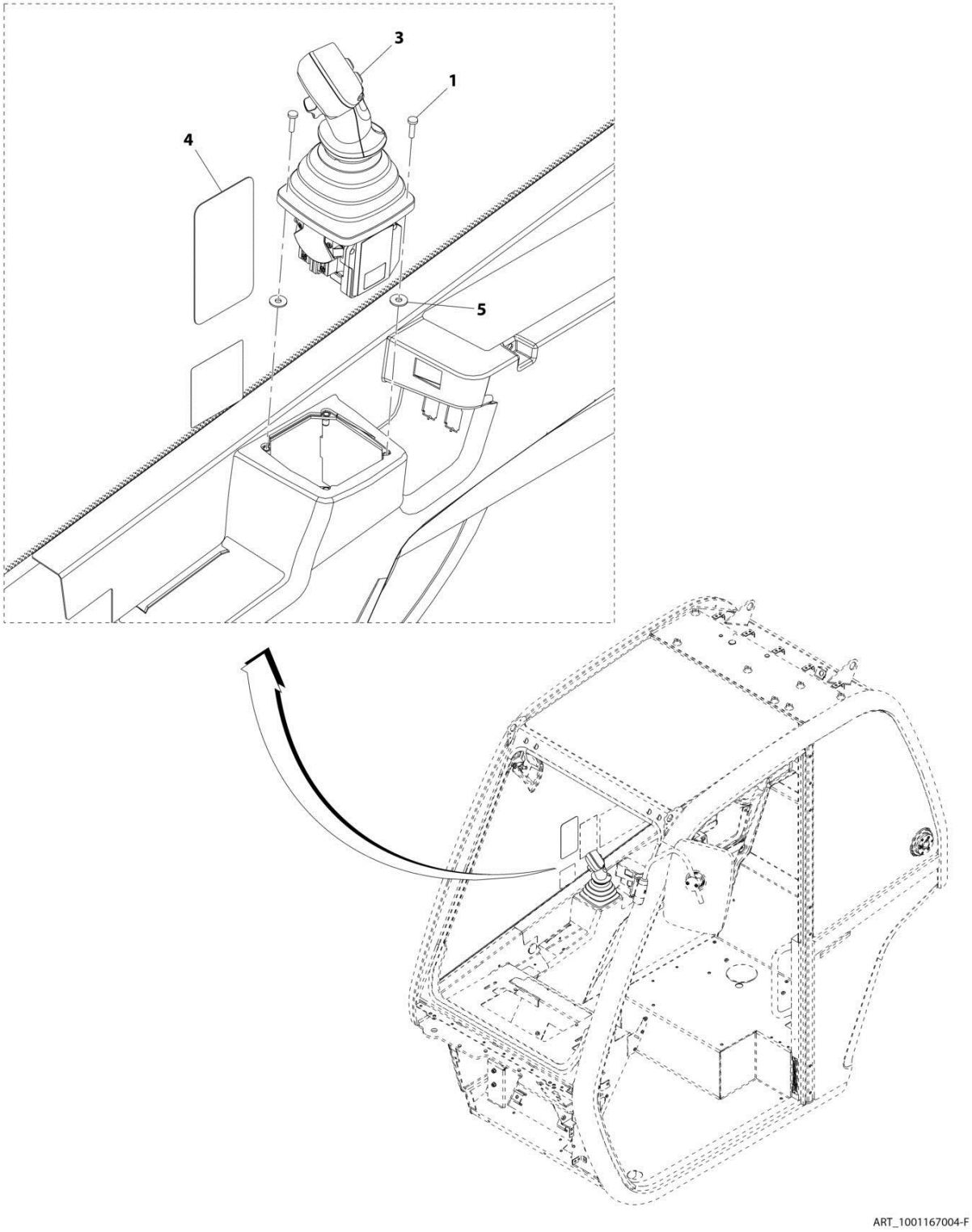


FIGURE 7-20. JOYSTICK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167004	Ref	Joystick Installation	F
1	4010510	4	Screw, M5X20	
3	1001222603	1	Joystick	
4	1001236404	1	Decal, Joystick	
5	4811702001	AR	Washer, M6	

FIGURE 7-21. WIPER-TURN SWITCH (0 SPEED - FNR)

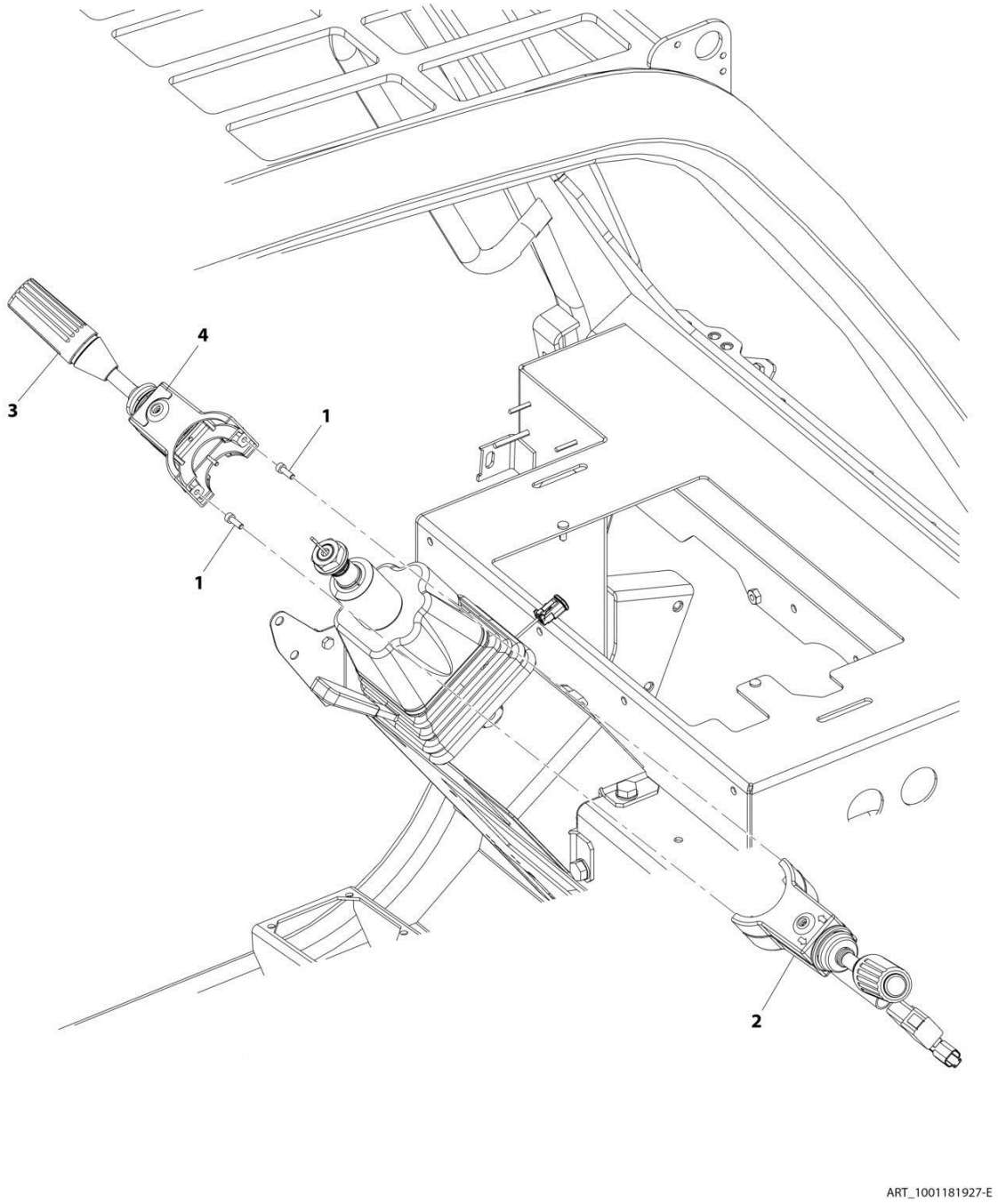


FIGURE 7-21. WIPER-TURN SWITCH (0 SPEED - FNR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181927	Ref	Wiper-Turn Switch (0 Speed - FNR)	E
1	4031607	2	Bolt, M5X16	
2	1001214280	1	Switch, Turn-Wiper	
3	1001163697	1	Switch, Zero Speed	
4	1001236402	1	Decal	

FIGURE 7-22. WIPER-TURN SWITCH (NO SPEED)

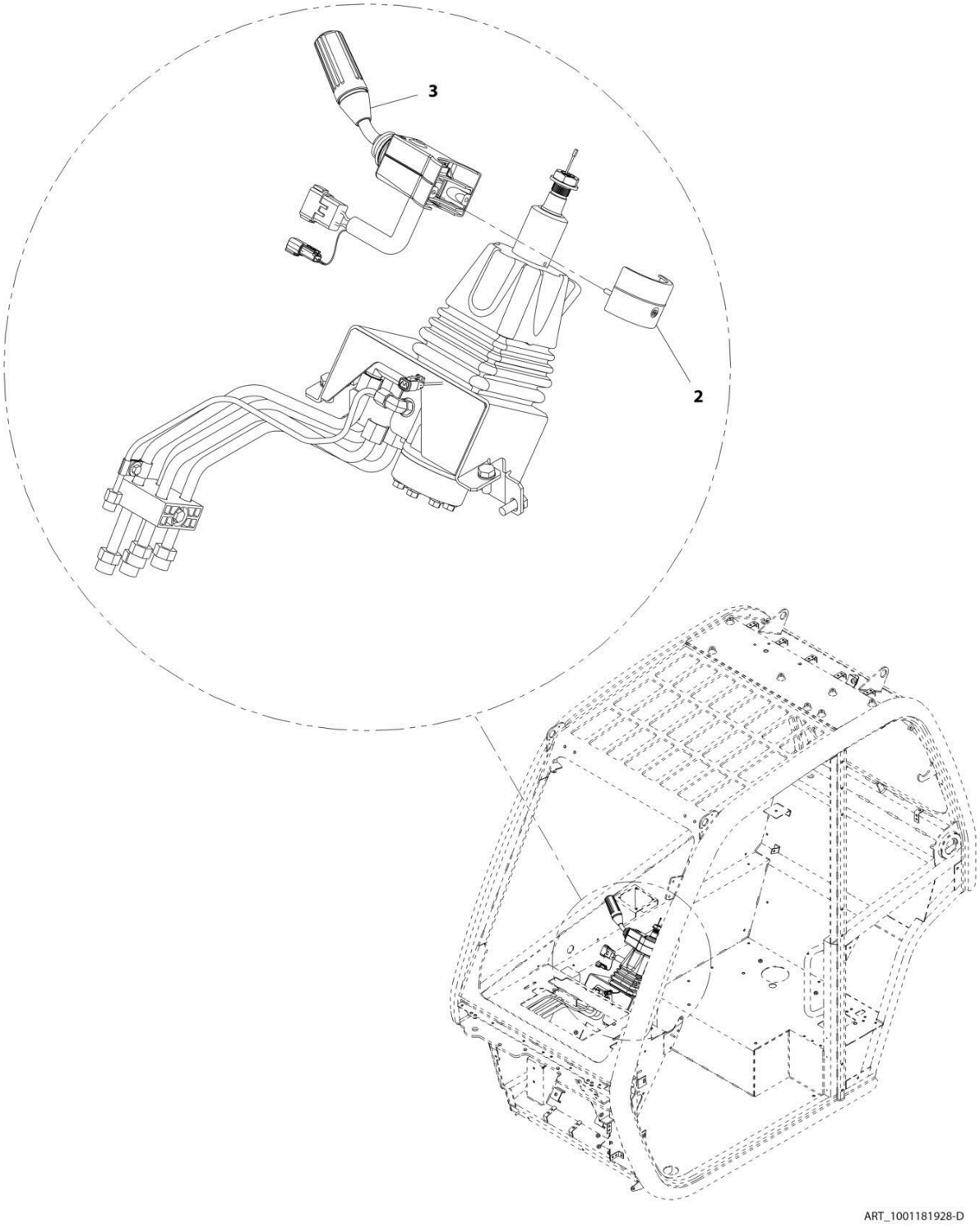


FIGURE 7-22. WIPER-TURN SWITCH (NO SPEED)

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

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. COMMON HYDRAULICS INSTALLATION

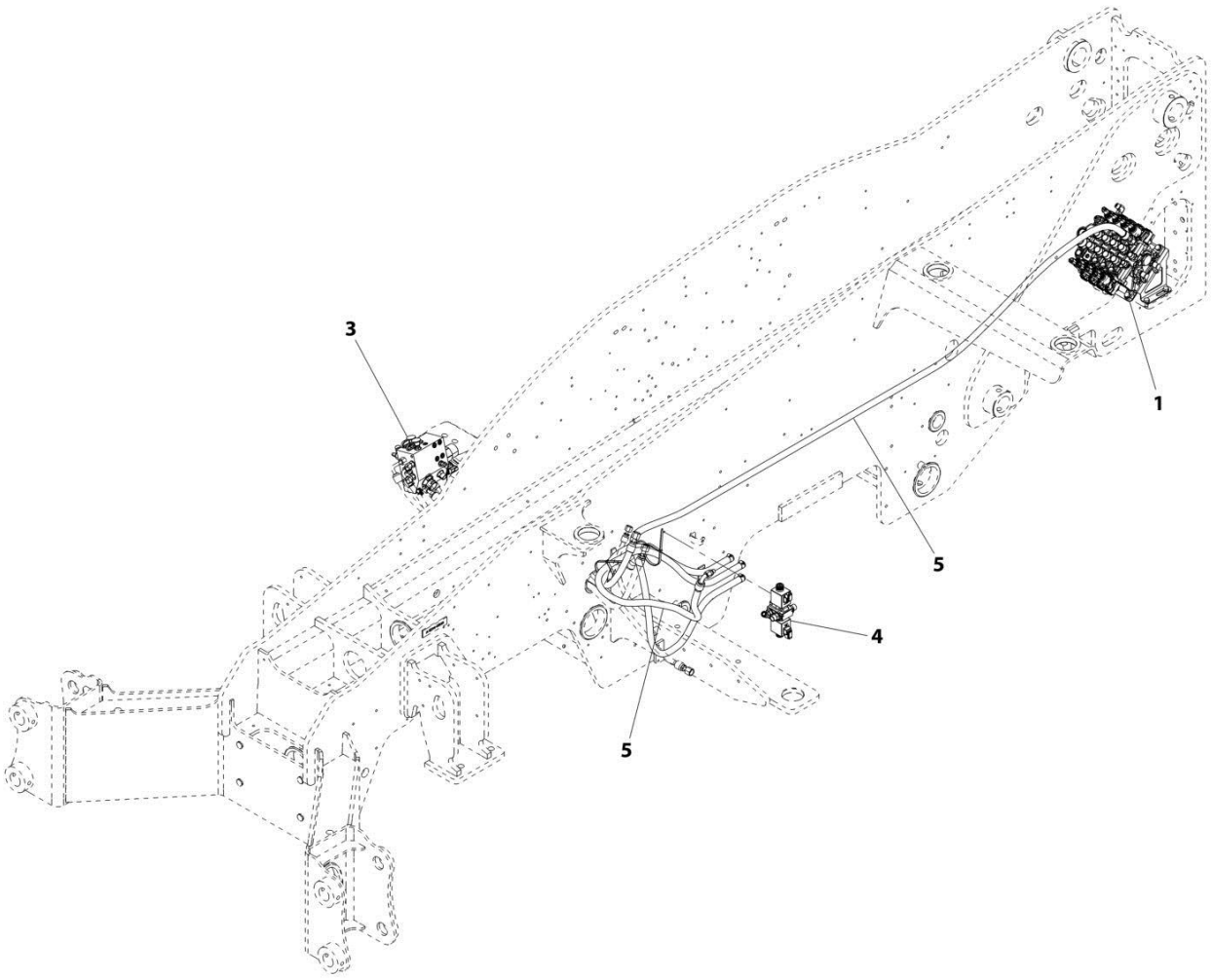


FIGURE 8-1. COMMON HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172892	Ref	Common Hydraulics Installation	C
1	1001172900	Ref	Installation, Main Control Valve (See Separate Breakdown in this Section)	
3	1001221147	Ref	Installation, Priority Valve (See Separate Breakdown in this Section)	
4	1001172894	Ref	Installation, Steer Select Valve (See Separate Breakdown in this Section)	
5	1001185351	Ref	Installation, Return Lines (See Separate Breakdown in this Section)	

FIGURE 8-2. HYDRAULICS INSTALLATION

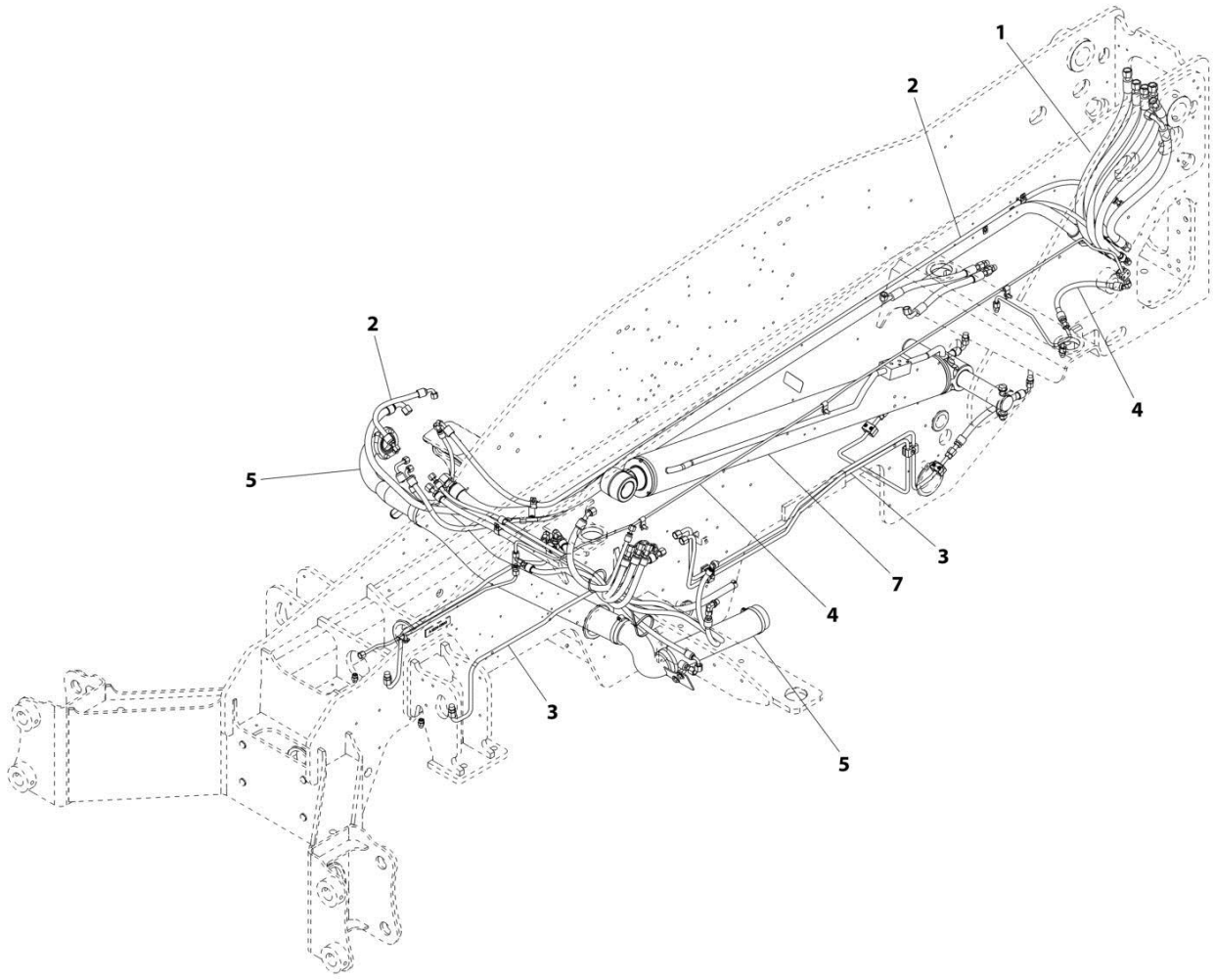


FIGURE 8-2. HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172937	Ref	Hydraulics Installation	C
1	1001173013	Ref	Installation, Boom Lines (See Separate Breakdown in this Section)	
2	1001180845	Ref	Installation, Priority Lines (See Separate Breakdown in this Section)	
3	1001180134	Ref	Installation, Steering Lines (See Separate Breakdown in this Section)	
4	1001172909	Ref	Installation, Brake Lines (See Separate Breakdown in this Section)	
5	1001184531	Ref	Installation, Suction Lines (See Separate Breakdown in this Section)	
7	1001173015	Ref	Installation, Lift Cylinder (See Separate Breakdown in this Section)	

FIGURE 8-3. MAIN CONTROL VALVE INSTALLATION

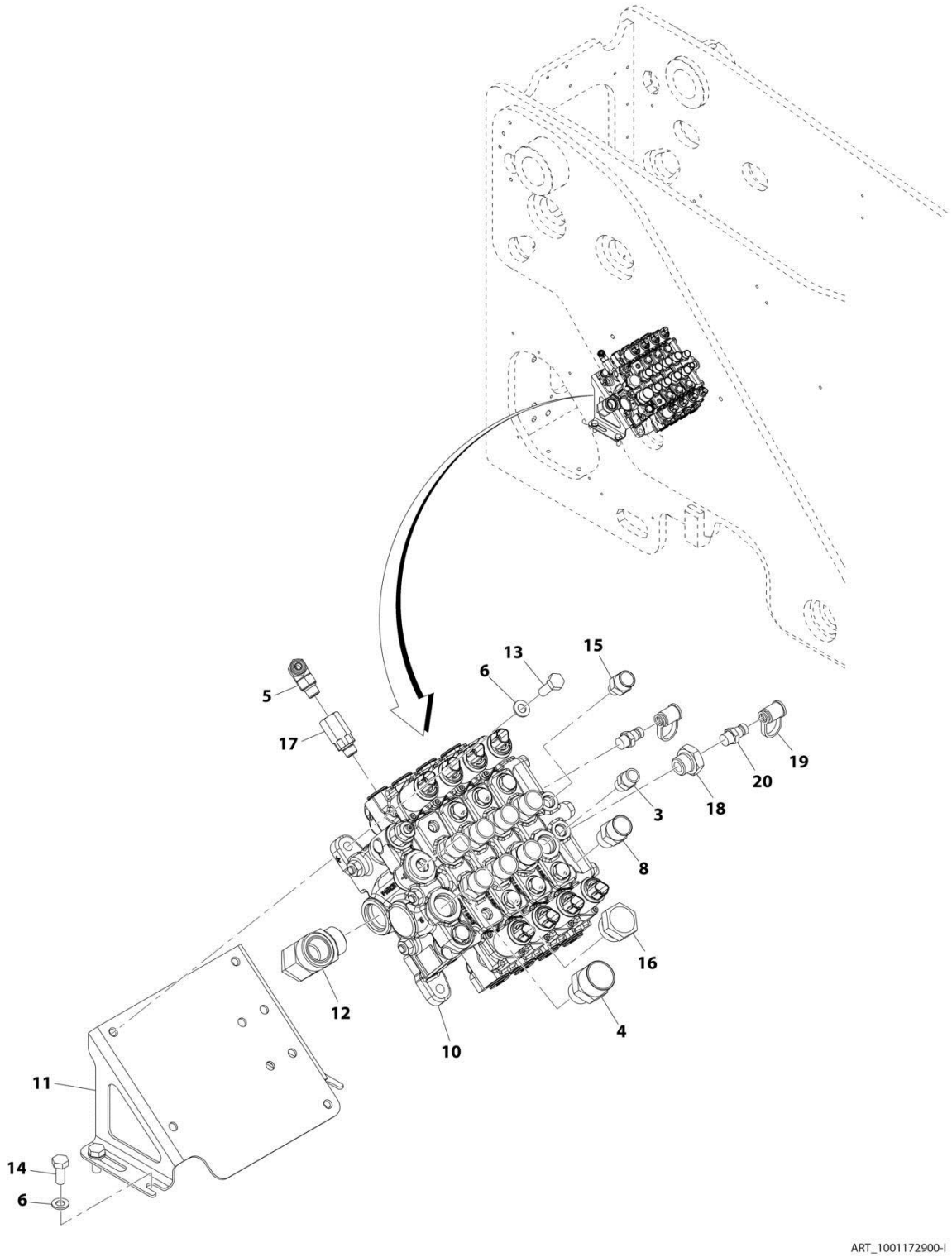


FIGURE 8-3. MAIN CONTROL VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172900	Ref	Main Control Valve Installation	I
3	2110606	1	Fitting, Straight ORFS	
4	2111612	1	Fitting, Straight ORFS	
5	2130606	1	Fitting, 90 ORFS	
6	4812000	7	Washer, M10	
8	2111010	8	Fitting, Straight ORFS	
10	1001180252	NLA	Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section) (no longer available, use 1001233797 for replacement)	
10	1001233797	1	Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
11	1001182231	1	Bracket	
12	2132016	1	Fitting, 90 ORFS	
13	0701014	3	Bolt, M10X30	
14	0701012	4	Bolt, M10X25	
15	2110806	1	Fitting, Straight ORFS	
16	2220242	1	Fitting **(Prior to SN 82560)**	
17	1001187355	1	Valve, Check	
18	2220221	1	Fitting, Reducer	
19	1001008761	2	Cap	
20	1001003590	2	Fitting, Straight	

FIGURE 8-4. PRIORITY VALVE INSTALLATION (Prior to SN 1160008518)

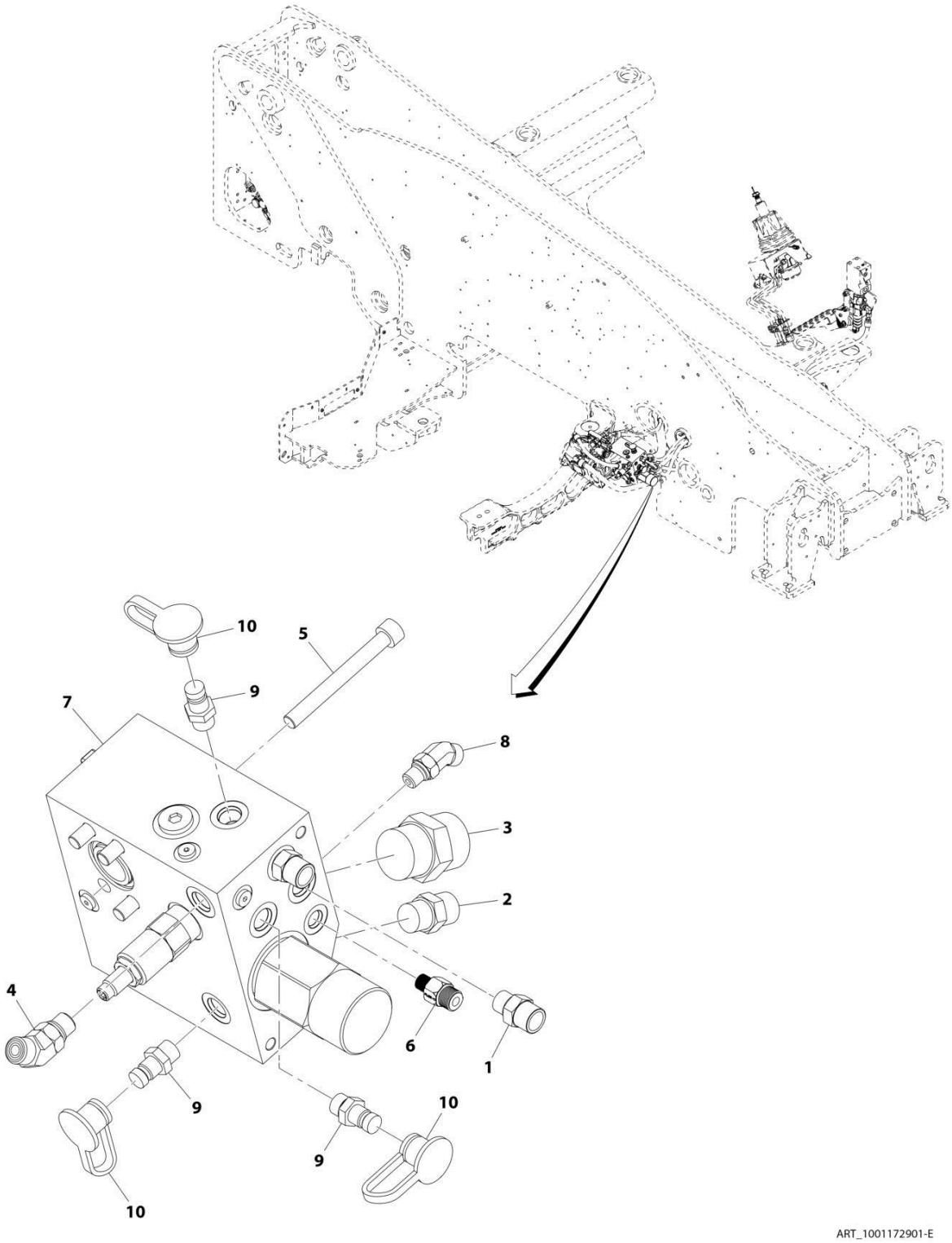


FIGURE 8-4. PRIORITY VALVE INSTALLATION (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172901	Ref	Priority Valve Installation	E
1	2110606	2	Fitting, Straight ORFS	
2	2110808	1	Fitting, Straight ORFS	
3	2111616	1	Fitting, Straight ORFS	
4	2150606	1	Fitting, 45 ORFS	
5	5272022	4	Screw, M10X1.5X90	
6	4641237	1	Valve, Check	
7	1001229050	Ref	Manifold, Priority Flow (See Separate Breakdown in Hydraulic Circuits Section)	
8	2150404	1	Fitting, 45 ORFS	
9	1001003590	3	Fitting, Straight	
10	1001008761	3	Cap	

FIGURE 8-5. PRIORITY VALVE INSTALLATION (SN 1160008518 to Present)

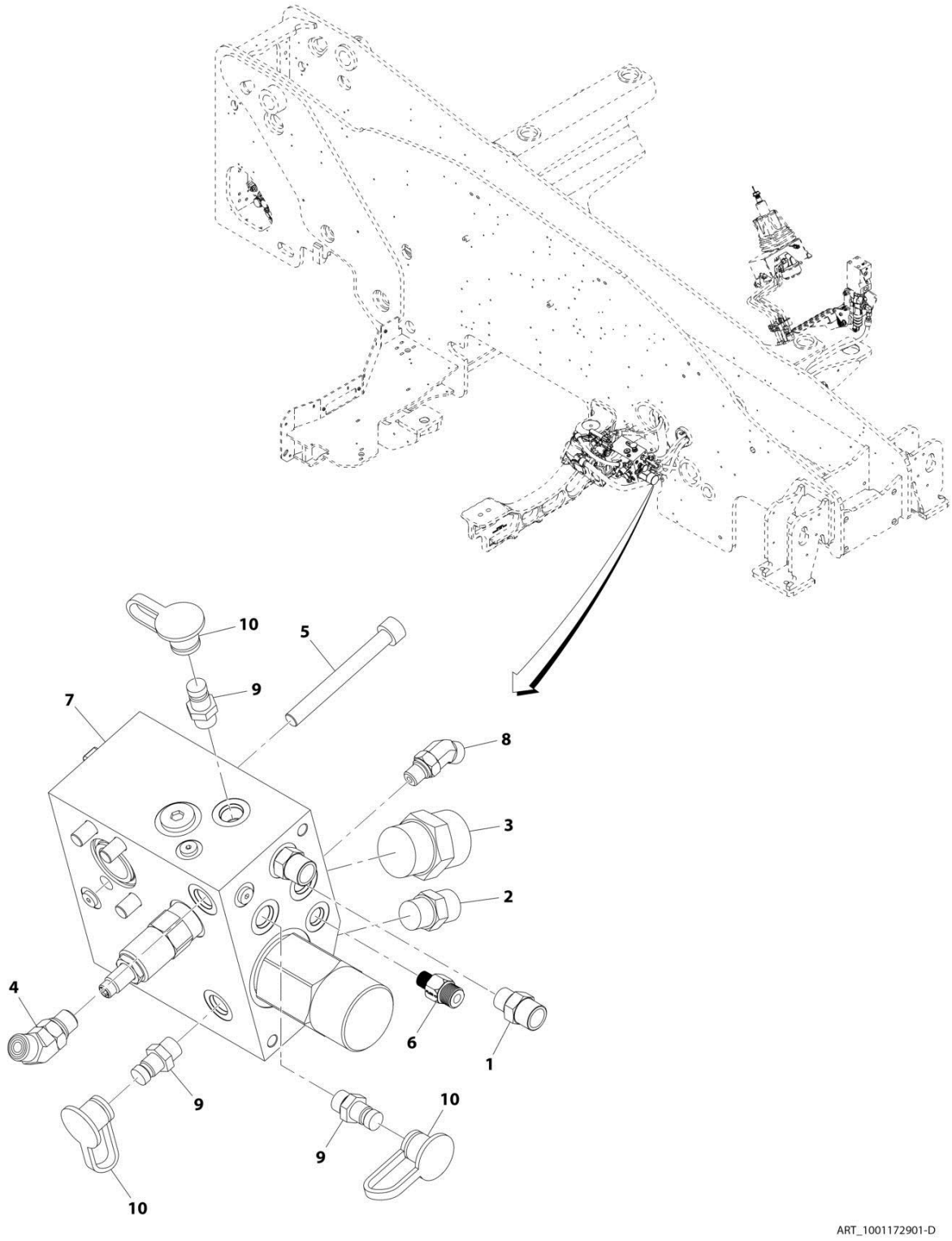
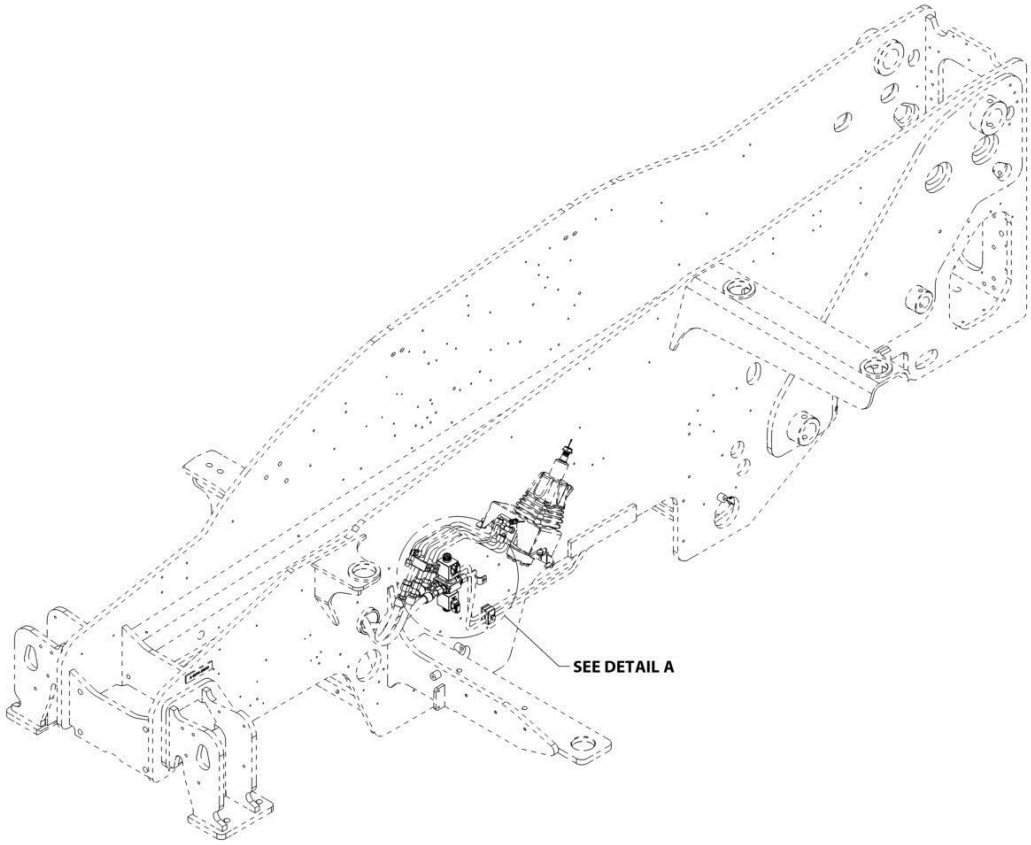
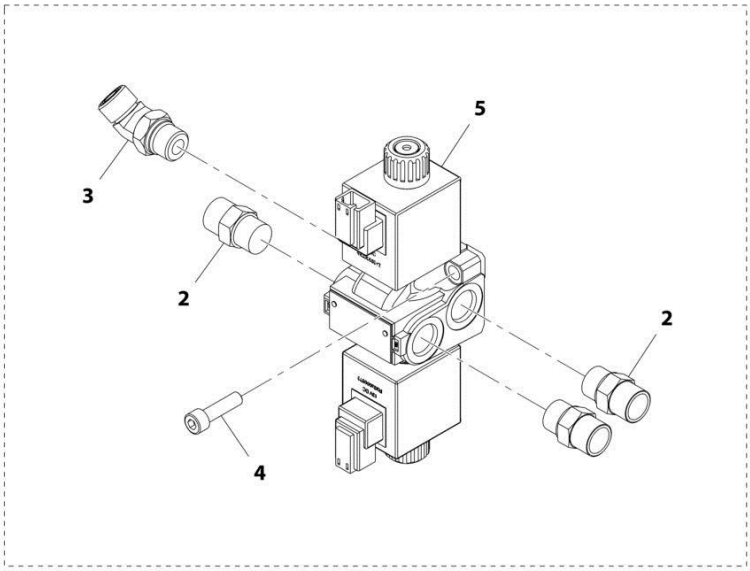


FIGURE 8-5. PRIORITY VALVE INSTALLATION (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172901	Ref	Priority Valve Installation	D
1	2110606	2	Fitting, Straight ORFS	
2	2110808	1	Fitting, Straight ORFS	
3	2111616	1	Fitting, Straight ORFS	
4	2150606	1	Fitting, 45 ORFS	
5	5272022	4	Screw, M10X1.5X90	
6	4641237	1	Valve, Check	
7	1001229050	Ref	Manifold, Priority Flow Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
8	2150404	1	Fitting, 45 ORFS	
9	1001003590	3	Fitting, Straight	
10	1001008761	3	Cap	

FIGURE 8-6. STEER SELECT VALVE INSTALLATION





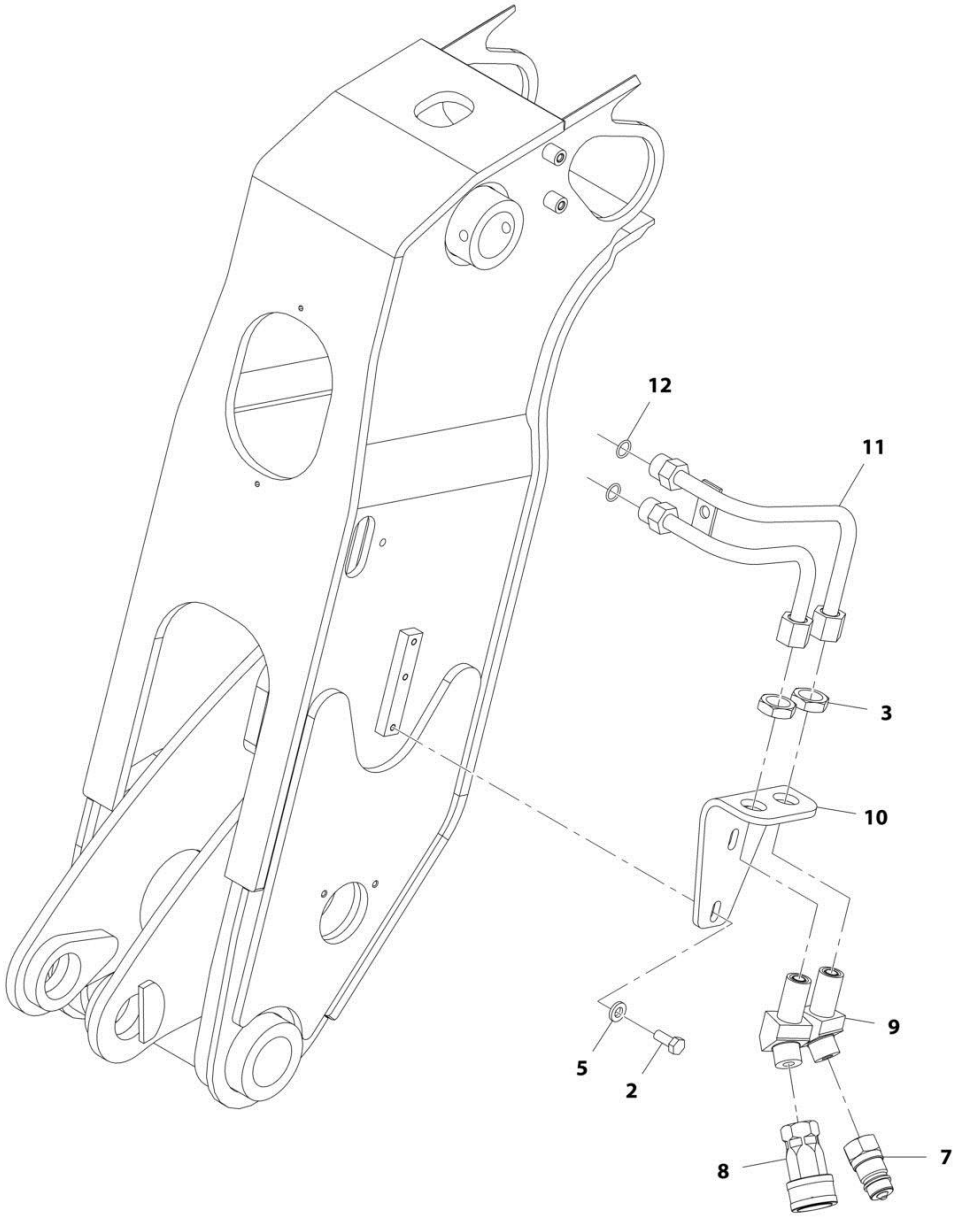
DETAIL A

ART_1001172894-B

FIGURE 8-6. STEER SELECT VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172894	Ref	Steer Select Valve Installation	B
2	2110808	3	Fitting, Straight ORFS	
3	2150808	1	Fitting, 45 ORFS	
4	4031910	2	Screw, M8X30	
5	1001153748	1	Valve, Steering Select (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-7. MANUAL COUPLER LINES INSTALLATION (FRONT BOOM - SINGLE)



ART_1001179054-C

FIGURE 8-7. 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 8-8. MANUAL COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

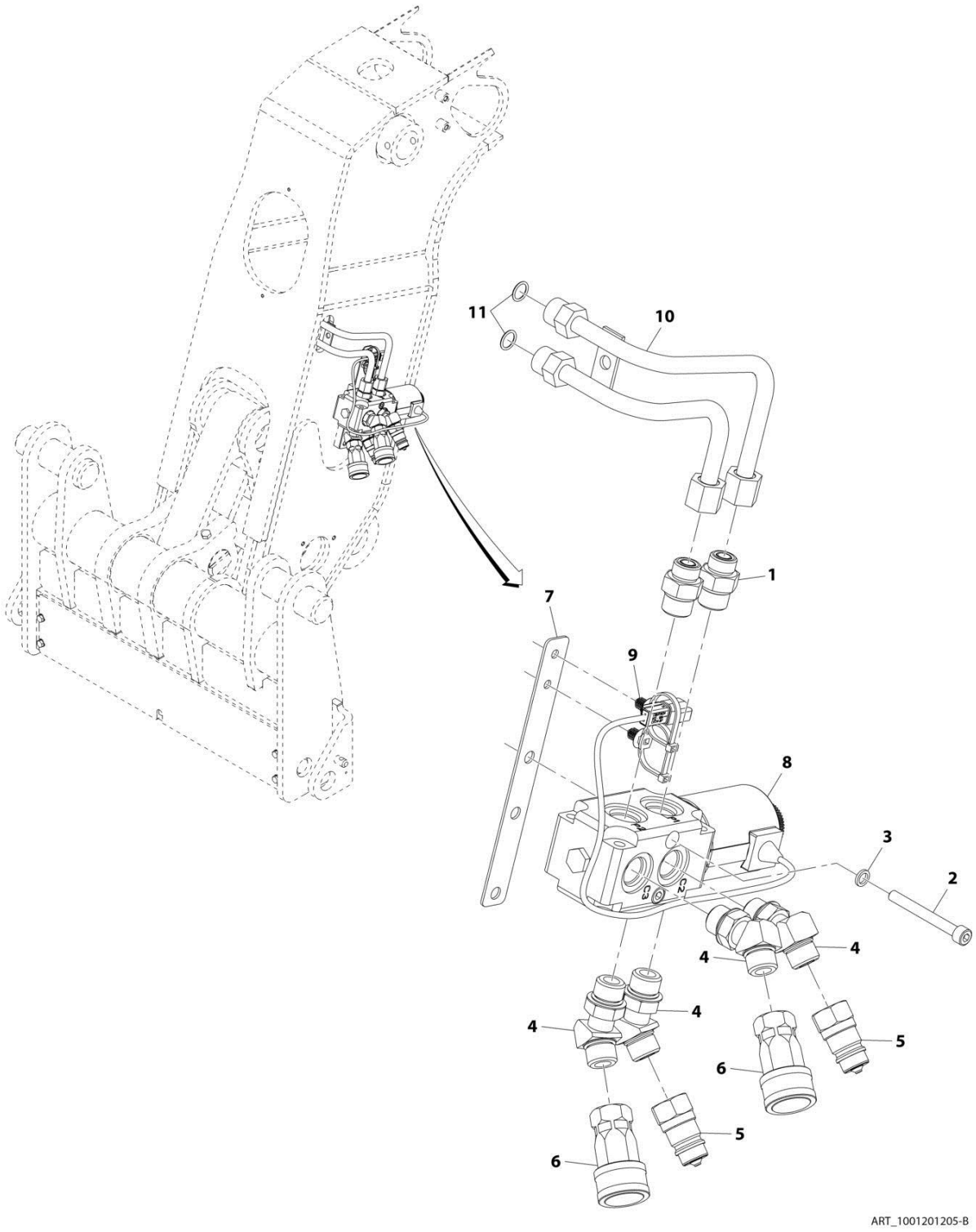


FIGURE 8-8. MANUAL COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

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 8-9. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - SINGLE)

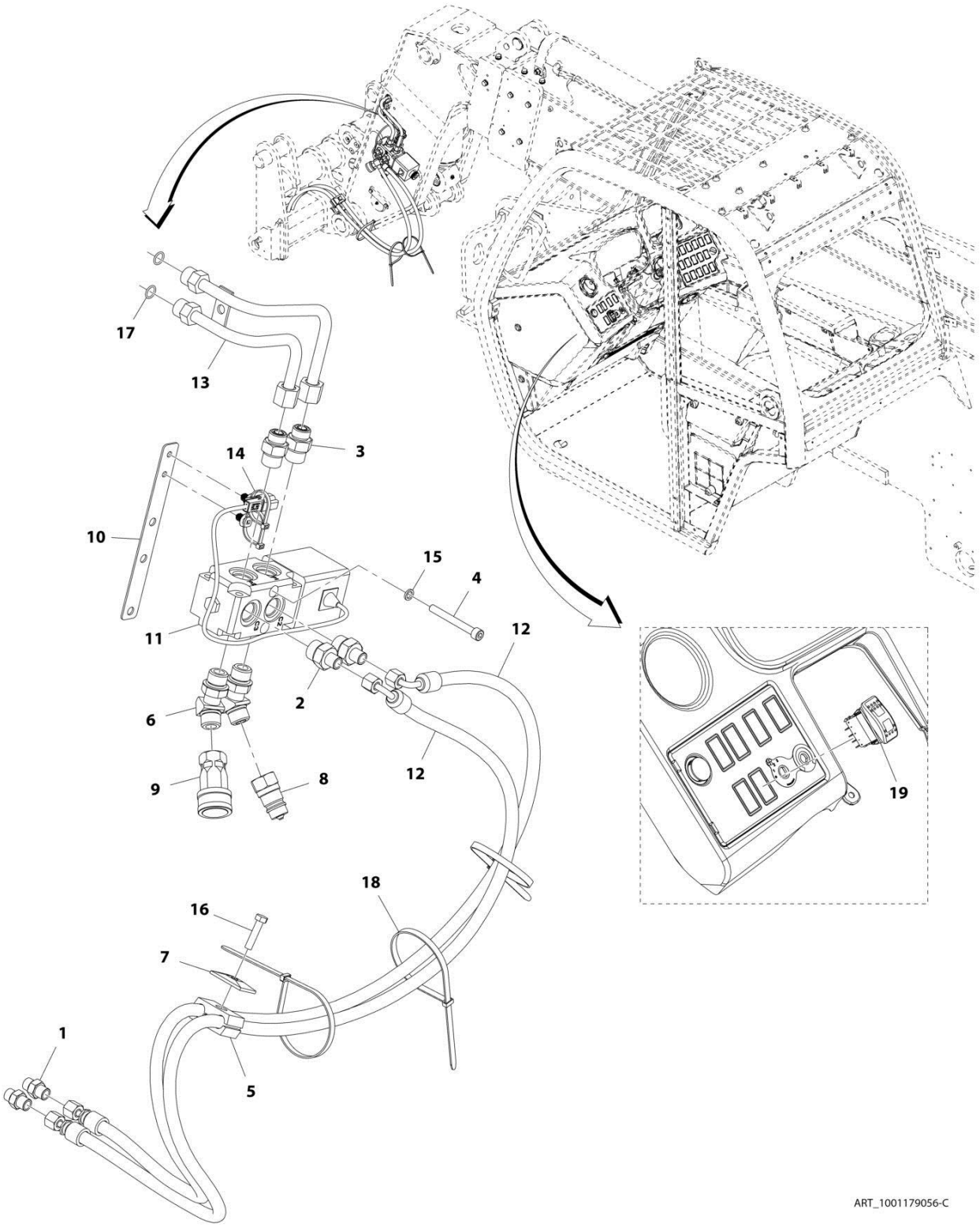


FIGURE 8-9. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179056	Ref	Hydraulic Coupler Lines Installation (Front Boom - Single)	C
1	2110406	2	Fitting, Straight ORFS	
2	2110410	2	Fitting, Straight ORFS	
3	2110810	2	Fitting, Straight ORFS	
4	4031918	2	Bolt, M8X70	
5	8769124	1	Clamp	
6	1001005904	2	Elbow	
7	77133140	1	Plate, Cover	
8	1001101041	1	Coupling, Male Quick Disconnect	
9	1001101042	1	Coupling, Female Quick Disconnect	
10	1001108918	1	Plate	
11	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
12	1001200218	2	Hose, ORFS	
13	1001181161	1	Tube	
14	1001146588	2	Strap, Fir Tree Cable Tie	
15	1001005262	2	Washer	
16	77133177	1	Bolt, M5/16X1-3/8	
17	1001008805	2	Seal	
18	1062255	3	Strap, Tie	
19	1001080375	1	Switch, Quick Switch	

FIGURE 8-10. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

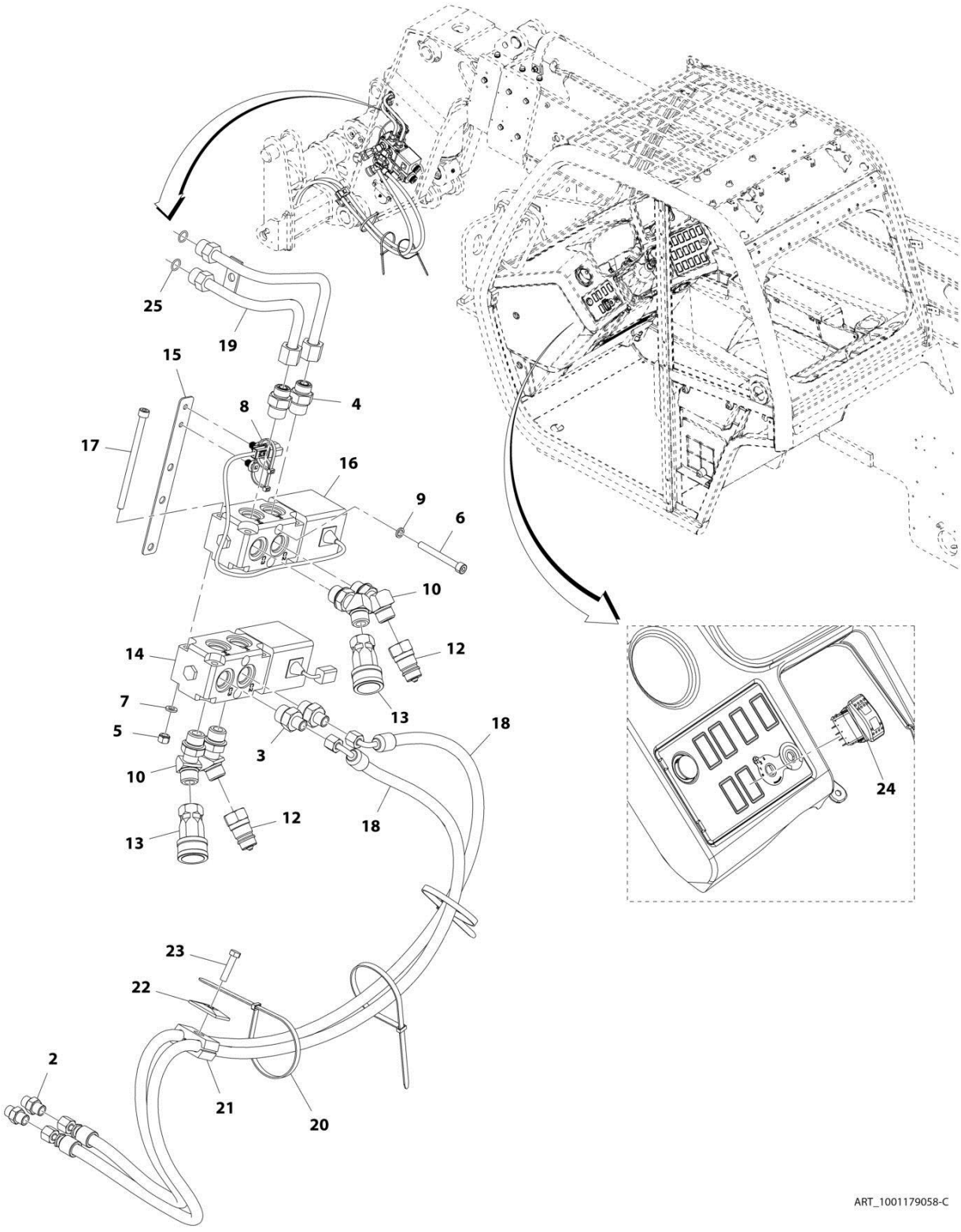


FIGURE 8-10. HYDRAULIC COUPLER LINES INSTALLATION (FRONT BOOM - TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179058	Ref	Hydraulic Coupler Lines Installation (Front Boom - Twin)	C
2	2110406	2	Fitting, Straight ORFS	
3	2110410	2	Fitting, Straight ORFS	
4	2110810	2	Fitting, Straight ORFS	
5	3290805	4	Nut, Lock M8X1.25 Grade 8	
6	4031918	2	Bolt, M8X70	
7	4831900	4	Washer, Lock M8	
8	1001146588	2	Strap, Fir Tree Cable Tie	
9	1001005262	2	Washer	
10	1001005904	4	Elbow	
12	1001101041	2	Coupling, Male Quick Disconnect	
13	1001101042	2	Coupling, Female Quick Disconnect	
14	1001104477	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	1001108918	1	Plate	
16	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
17	1001110115	4	Bolt, M8X100	
18	1001200218	2	Hose, ORFS	
19	1001181161	1	Tube	
20	1062255	3	Strap, Tie	
21	8769124	1	Clamp	
22	77133140	1	Plate, Cover	
23	77133177	1	Bolt, M5/16X1-3/8	
24	1001080375	1	Switch, Quick Switch	
25	1001008805	2	Seal	

FIGURE 8-11. BRAKE LINES INSTALLATION

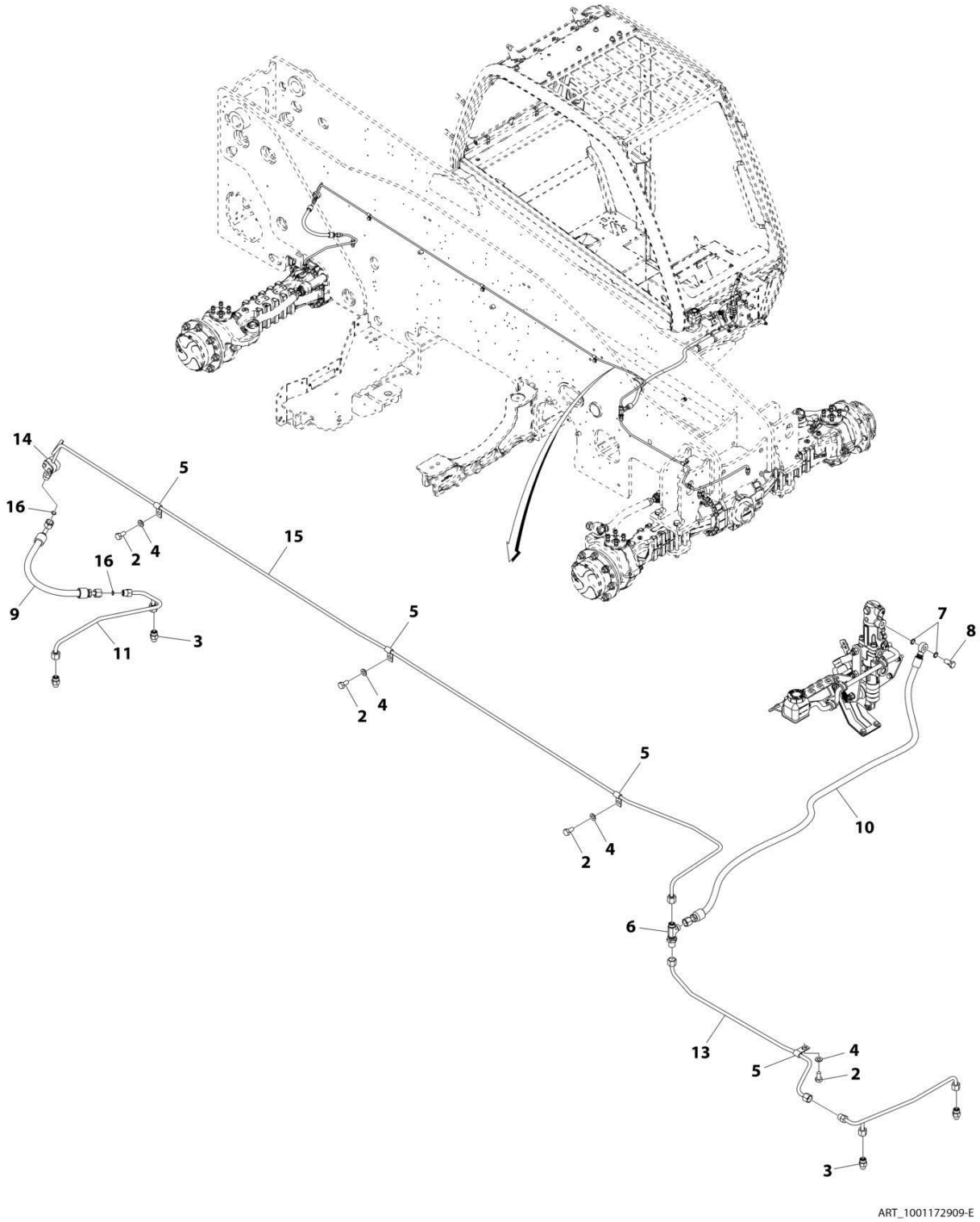


FIGURE 8-11. BRAKE LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001172909	Ref	Brake Lines Installation	E
2	0761010	4	Bolt, M10X20	
3	2144605	4	Fitting, Straight ORFS	
4	4812000	4	Washer, M10	
5	1001008773	4	Clip	
6	88662434	1	Fitting, Tee ORFS	
7	1001105639	2	Washer	
8	1001105643	1	Bolt	
9	1001181008	1	Hose, Rear Brake	
10	1001196912	1	Hose, ORFS **(Prior to SN 1160008597)**	
10	1001221952	1	Hose, ORFS **(SN 1160008597 to Present)**	
11	1001181016	1	Pipe, ORFS	
13	1001181019	1	Pipe, ORFS	
14	1001181170	1	Clamp	
15	1001203046	1	Pipe, ORFS **(Prior to SN 1160008597)**	
15	1001221953	1	Pipe, ORFS **(SN 1160008597 to Present)**	
16	1001008804	2	Seal	

FIGURE 8-12. BRAKE LINES INSTALLATION

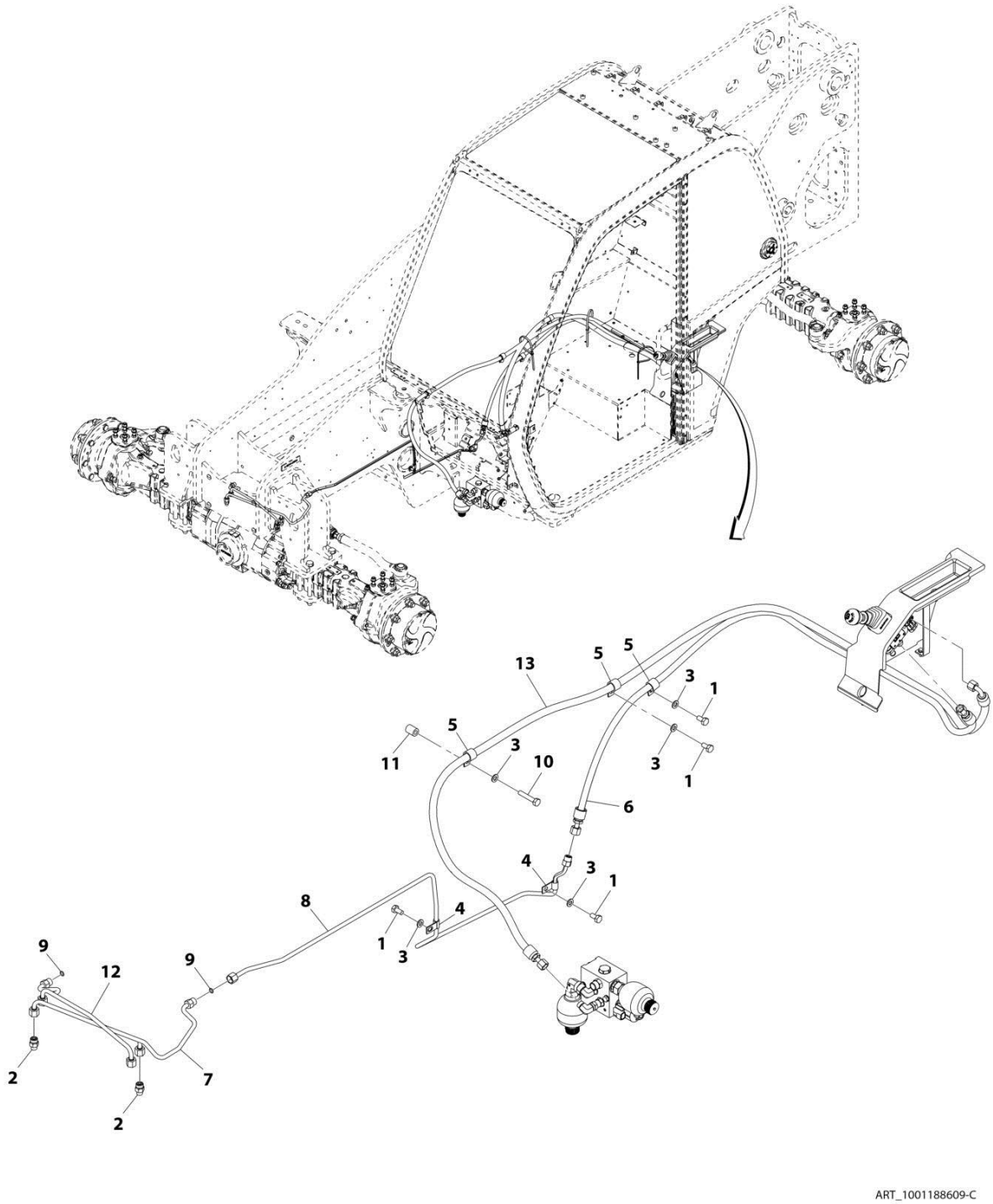


FIGURE 8-12. BRAKE LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188609	Ref	Brake Lines Installation	C
1	0761010	4	Bolt, M10X20	
2	2144605	2	Fitting, Straight ORFS	
3	4812000	5	Washer, M10	
4	1001008773	2	Clip	
5	1001004144	3	Clip	
6	1001207908	1	Hose, ORFS	
7	1001201941	1	Pipe, ORFS	
8	1001207903	1	Pipe, ORFS	
9	1001008804	3	Seal	
10	0701019	1	Bolt, M10X55	
11	1001188548	1	Boss	
12	1001201940	1	Pipe, ORFS	
13	1001207804	1	Hose, ORFS	

FIGURE 8-13. SAHR LINES INSTALLATION

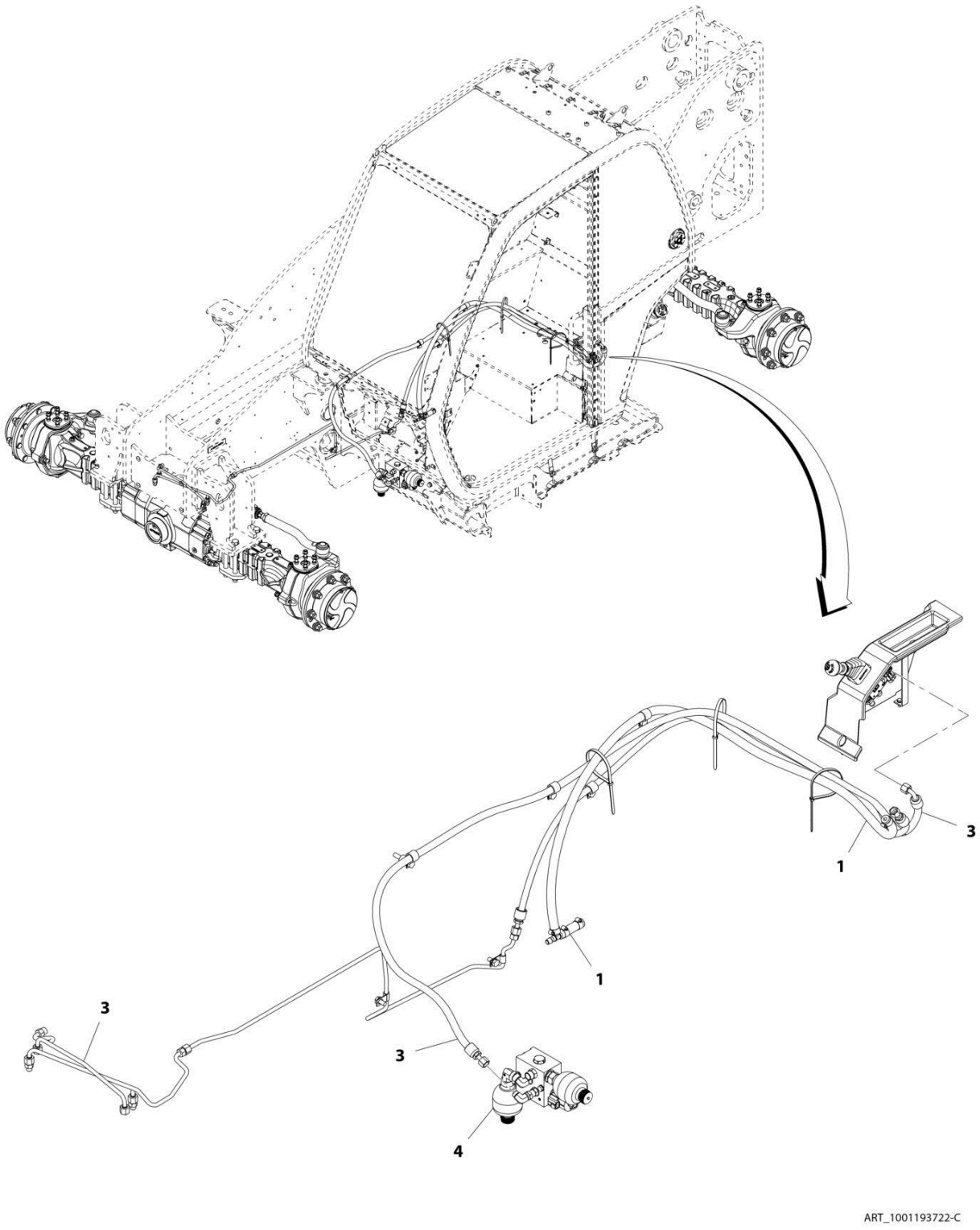


FIGURE 8-13. SAHR LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193722	Ref	SAHR Lines Installation	C
1	1001187400	Ref	Installation, Return Lines (See Separate Breakdown in this Section)	
3	1001188609	Ref	Installation, Brake Lines (See Separate Breakdown in this Section)	
4	1001207694	Ref	Installation, Brake Accumulator (See Separate Breakdown in this Section)	

FIGURE 8-14. BRAKE ACCUMULATOR

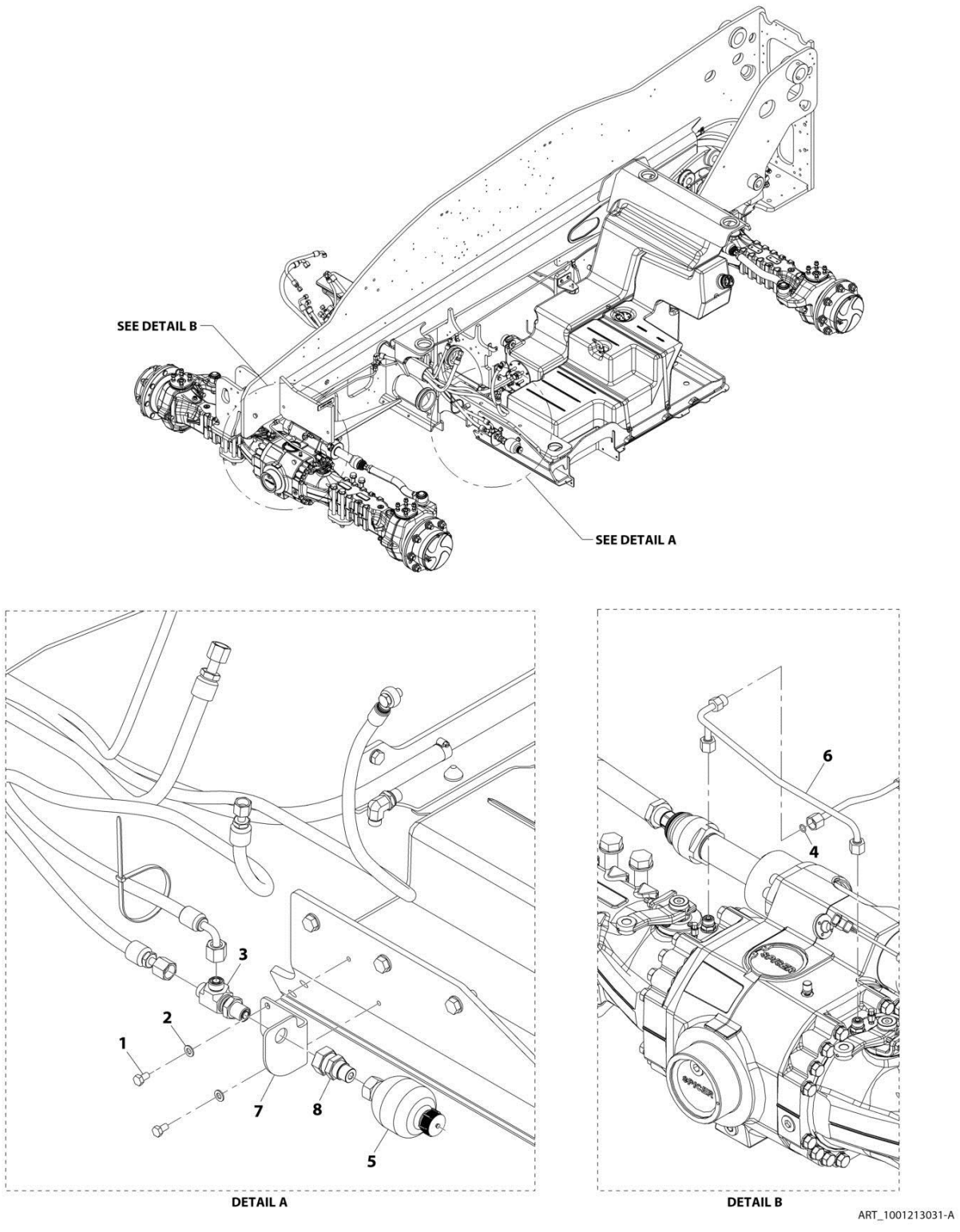
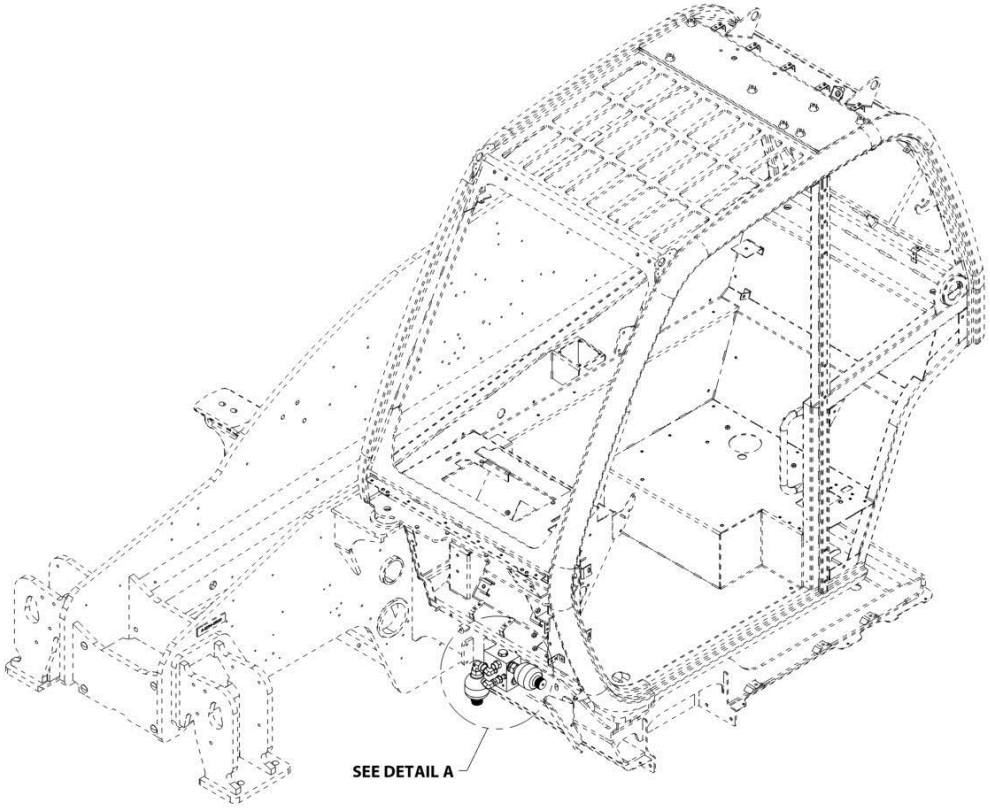
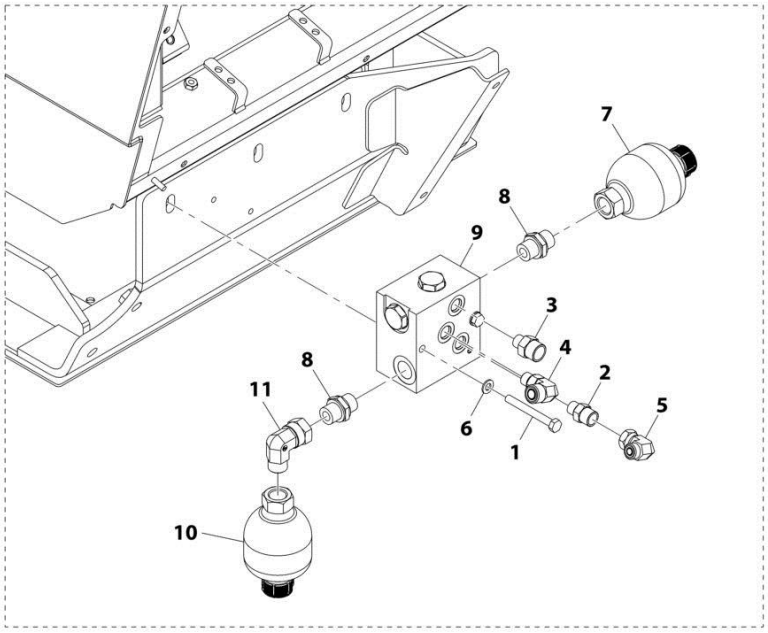


FIGURE 8-14. BRAKE ACCUMULATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213031	Ref	Brake Accumulator	A
1	0760807	2	Bolt, M8X14	
2	4811900	2	Washer, M8	
3	8770167	1	Fitting, Tee ORFS	
4	1001008804	1	Seal	
5	1001173418	1	Brake, Damper	
6	1001181017	1	Pipe, ORFS	
7	1001207522	1	Bracket, Accumulator	
8	1001207523	1	Fitting, Straight ORFS	

FIGURE 8-15. BRAKE ACCUMLATOR INSTALLATION





DETAIL A

ART_1001207694-B

FIGURE 8-15. BRAKE ACCUMLATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207694	Ref	Brake Accumulator Installation	B
1	0700822	2	Bolt, M8X70	
2	2110606	1	Fitting, Straight ORFS	
3	2110806	1	Fitting, Straight ORFS	
4	2130806	1	Fitting, 90 ORFS	
5	2172106	1	Fitting, 90 ORFS	
6	4811900	2	Washer, M8	
7	1001173418	1	Brake	
8	1001179926	2	Adapter	
9	1001215589	1	Manifold	
10	1001209651	1	Brake, Damper	
11	1001211376	1	Fitting, 90 ORFS	

FIGURE 8-16. STEERING LINES INSTALLATION

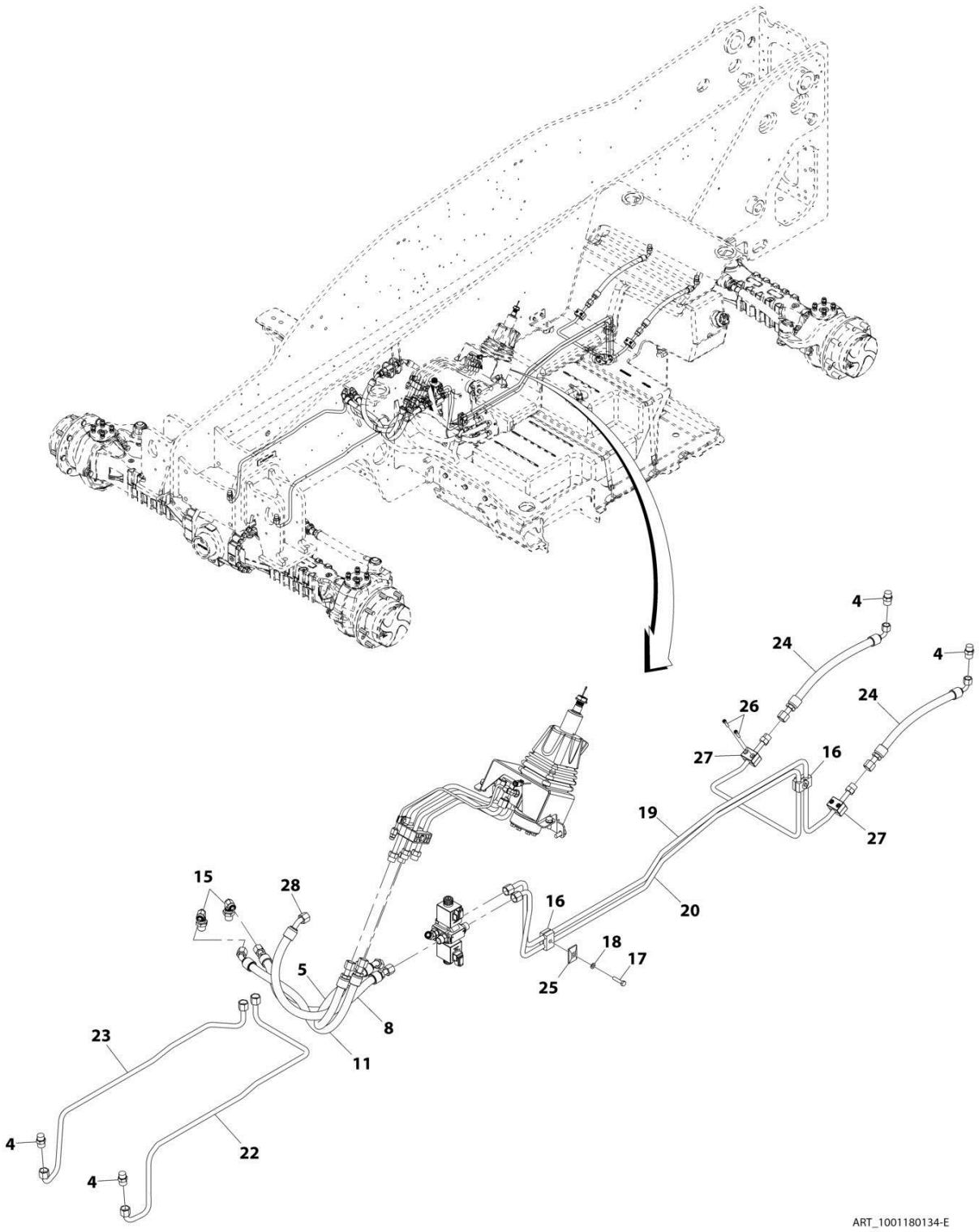


FIGURE 8-16. STEERING LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180134	Ref	Steering Lines Installation	E
4	2110808	4	Fitting, Straight ORFS	
5	1001180810	1	Hose, Steering	
8	1001180809	1	Hose, Steering	
11	1001180811	1	Hose, Steering	
15	2171208	2	Adapter, ORFS	
16	77133168	2	Clamp	
17	0700815	2	Bolt, M8X35	
18	4811900	2	Washer, M8	
19	1001195741	1	Pipe, ORFS	
20	1001195742	1	Pipe, ORFS	
22	1001193515	1	Pipe, ORFS	
23	1001193514	NLA	Pipe, ORFS (no longer available, use 1001225423 for replacement)	
23	1001225423	1	Pipe, ORFS	
24	1001193513	2	Hose, ORFS	
25	77133140	2	Plate, Cover	
26	4031709	4	Bolt, M6X25	
27	1001104934	2	Clamp	
28	1001224476	1	Hose Assy, ORFS	

FIGURE 8-17. SUCTION LINES INSTALLATION

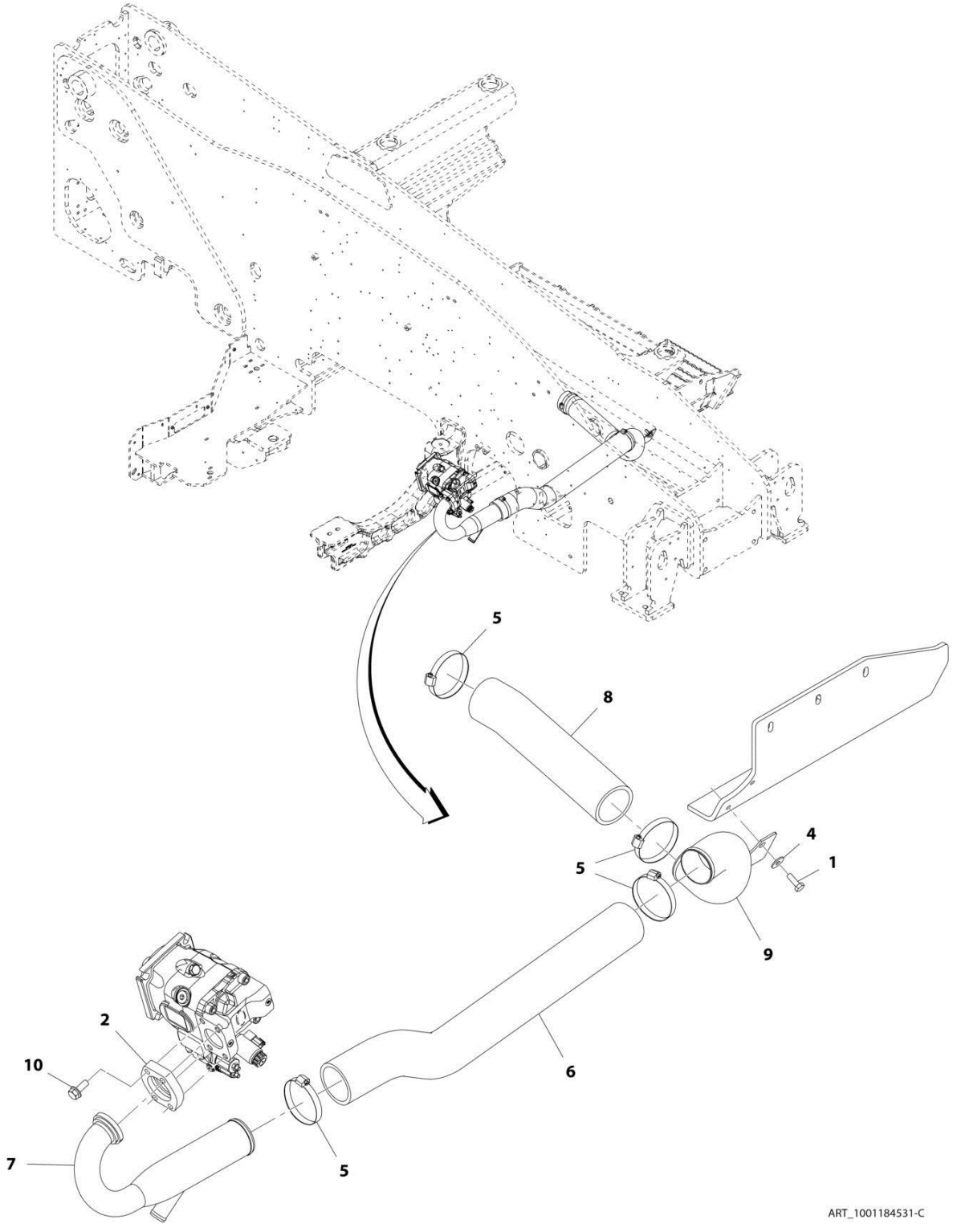


FIGURE 8-17. SUCTION LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184531	Ref	Suction Lines Installation	C
1	0761014	2	Bolt, M10X30	
2	2171832	1	Fitting, Straight	
4	4812002	2	Washer, M10	
5	8405301	4	Clamp	
6	1001176313	1	Hose	
7	1001202135	1	Pipe	
8	1001193421	1	Hose	
9	1001184530	1	Pipe	
10	5201215	4	Bolt, M12X35	

FIGURE 8-18. BOOM LINES INSTALLATION

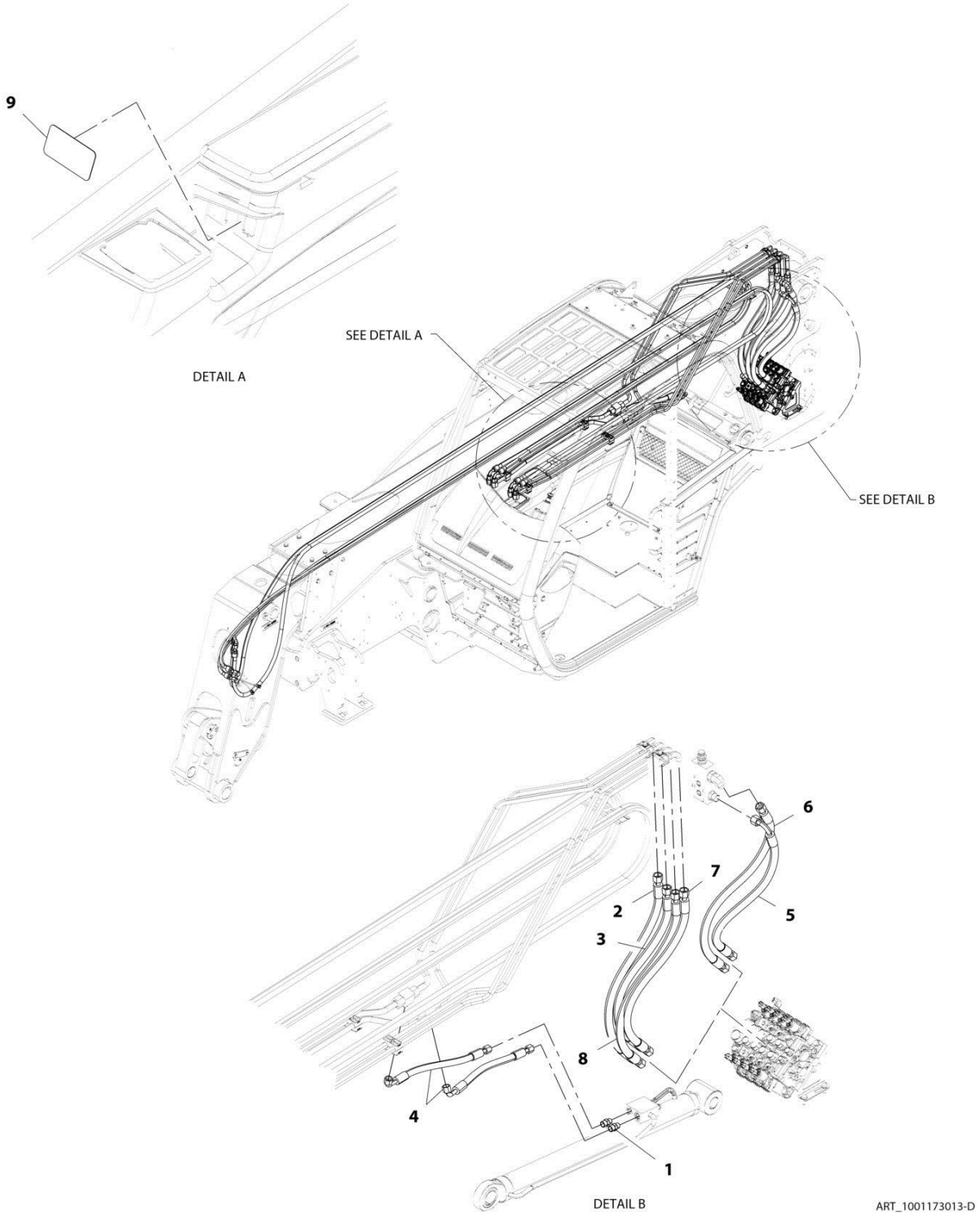


FIGURE 8-18. BOOM LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173013	Ref	Boom Lines Installation	D
1	2110808	2	Fitting, Straight ORFS	
2	1001181562	1	Hose	
3	1001181563	1	Hose	
4	1001181784	2	Hose	
5	1001181568	1	Hose	
6	1001181569	1	Hose	
7	1001181565	1	Hose	
8	1001181564	1	Hose	
9	1670836	1	Cover, Boom	

FIGURE 8-19. PRIORITY LINES INSTALLATION

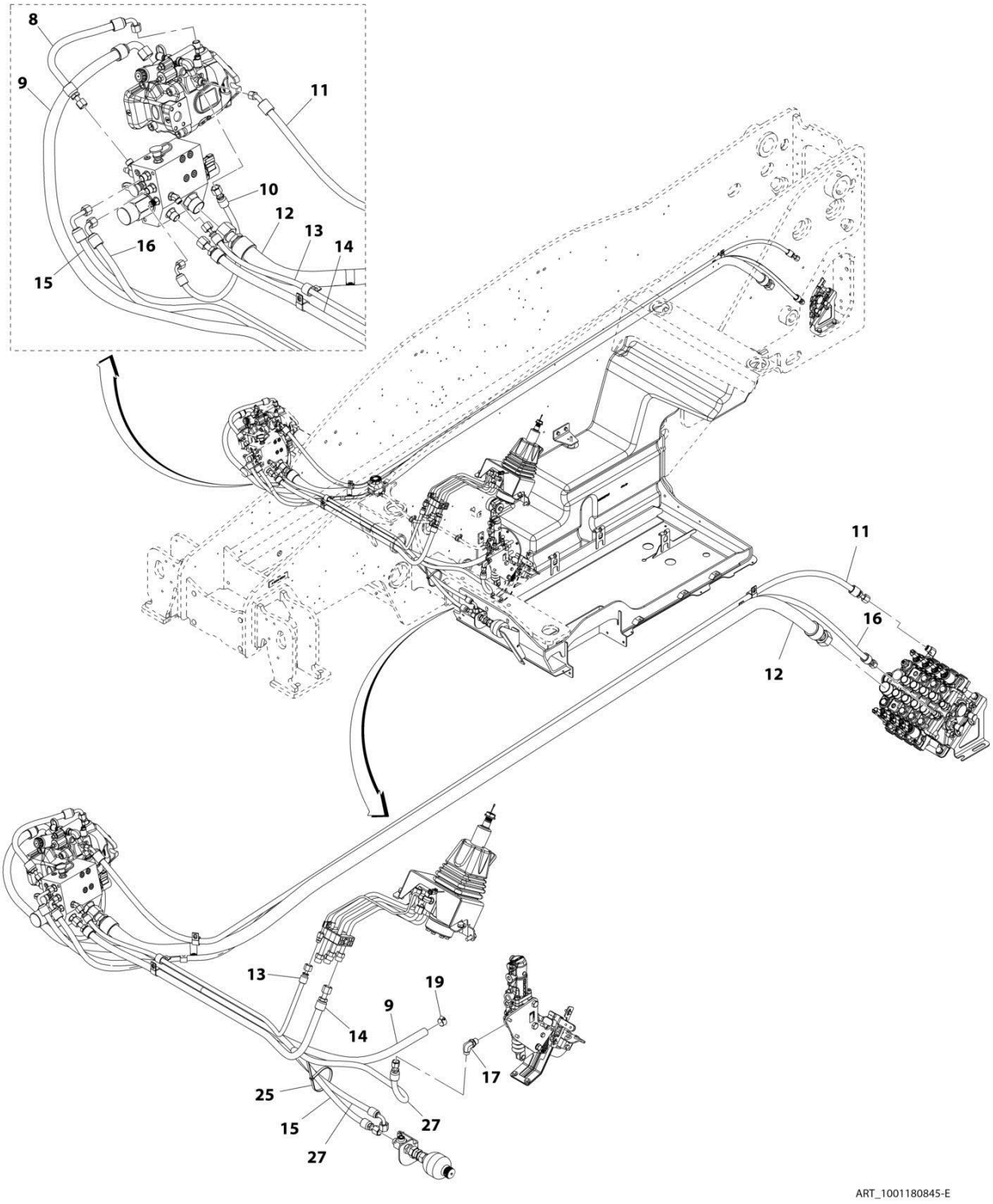


FIGURE 8-19. PRIORITY LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180845	Ref	Priority Lines Installation	E
8	1001180850	1	Hose	
9	1001196723	1	Hose, ORFS	
10	1001195994	1	Hose, ORFS	
11	1001196002	1	Hose, ORFS	
12	1001195992	1	Hose, ORFS	
13	1001180855	1	Hose	
14	1001180856	1	Hose	
15	1001207526	1	Hose, ORFS	
16	1001201422	1	Hose, ORFS	
17	80333151	1	Fitting, 90 ORFS	
19	8405006	1	Clamp	
25	1062255	1	Strap, Tie	
27	1001207525	1	Hose, ORFS	

FIGURE 8-20. RETURN LINES INSTALLATION (NO SAHR) (Prior to SN 1160008518)

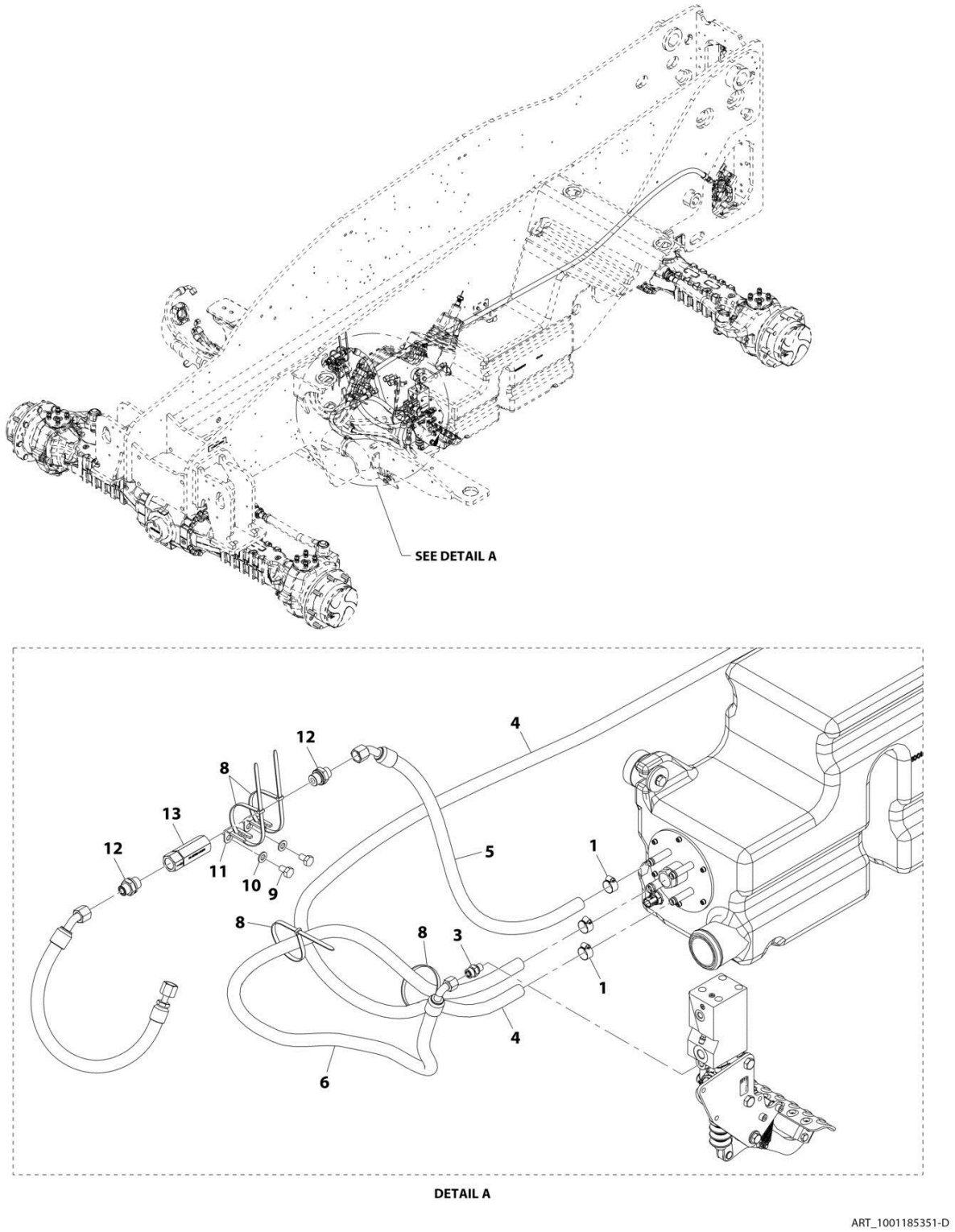


FIGURE 8-20. RETURN LINES INSTALLATION (NO SAHR) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185351	Ref	Return Lines Installation	D
1	8410009	3	Clamp, Gear	
3	80233218	1	Adapter, Straight ORFS	
4	1001196787	NLA	Hose, ORFS (no longer available, use 1001224143 for replacement)	
4	1001224143	1	Hose, ORFS	
5	1001201943	NLA	Hose, ORFS (no longer available, use 1001224144 for replacement)	
5	1001224144	1	Hose, ORFS	
6	1001196661	1	Hose, ORFS	
8	1062255	4	Strap, Tie	
9	0761008	2	Bolt, M10X16	
10	4812000	2	Washer, M10	
11	1001003305	2	Clip	
12	1001121127	2	Adapter, Straight ORFS	
13	1001224447	NLA	Check Valve (no longer available, use 1001227974 for replacement)	
13	1001227974	1	Check Valve	

FIGURE 8-21. RETURN LINES INSTALLATION (NO SAHR) (SN 1160008518 to Present)

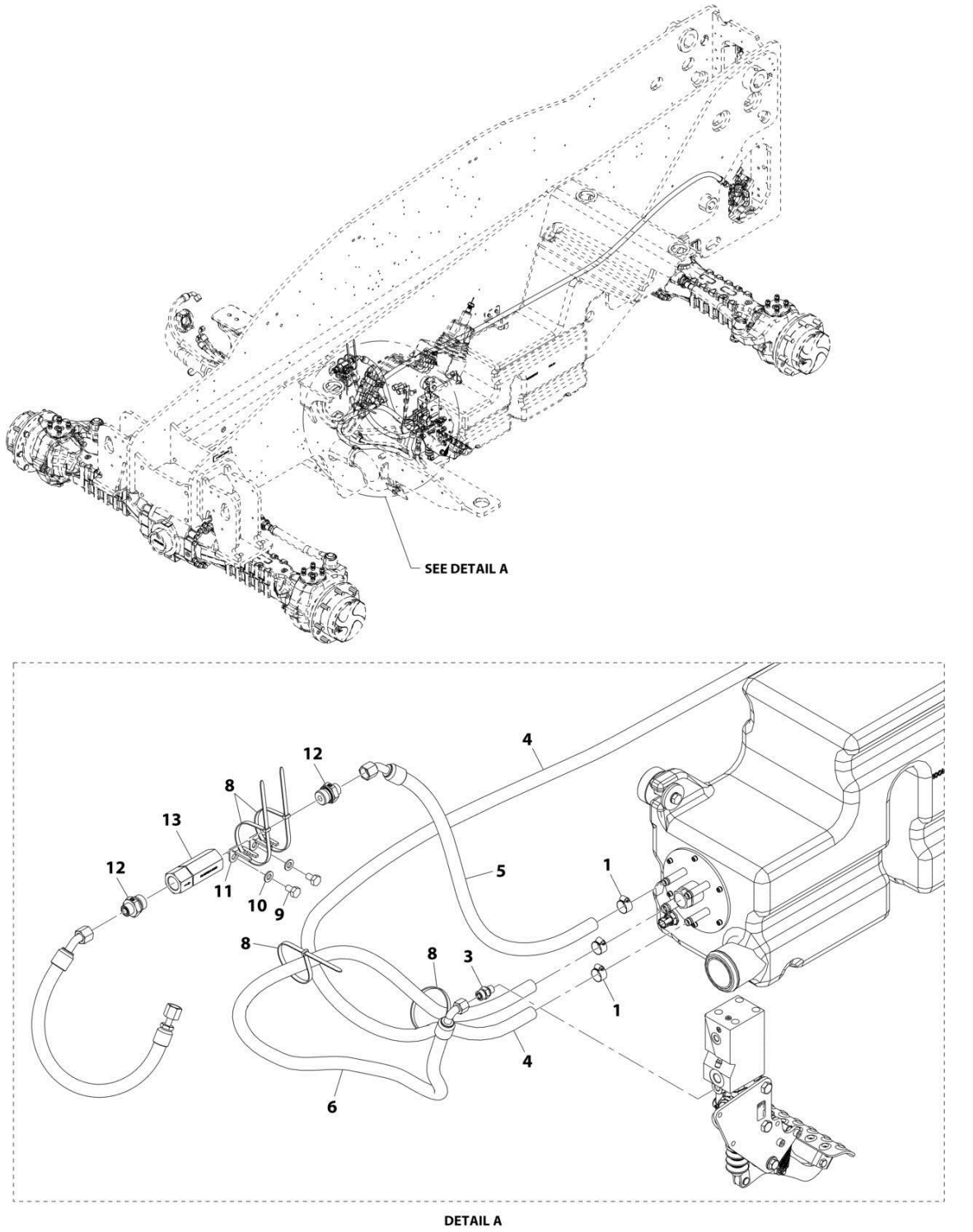


FIGURE 8-21. RETURN LINES INSTALLATION (NO SAHR) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185351	Ref	Return Lines Installation	E
1	8410009	3	Clamp, Gear	
3	80233218	1	Adapter, Straight ORFS	
4	1001196787	NLA	Hose, ORFS (no longer available, use 1001224143 for replacement)	
4	1001224143	1	Hose, ORFS	
5	1001201943	NLA	Hose, ORFS (no longer available, use 1001224144 for replacement)	
5	1001224144	1	Hose, ORFS	
6	1001196661	1	Hose, ORFS	
8	1062255	4	Strap, Tie	
9	0761008	2	Bolt, M10X16	
10	4812000	2	Washer, M10	
11	1001003305	2	Clip	
12	1001192411	2	Adapter, Straight ORFS	
13	1001229155	1	Check Valve	

FIGURE 8-22. RETURN LINES INSTALLATION (SAHR)

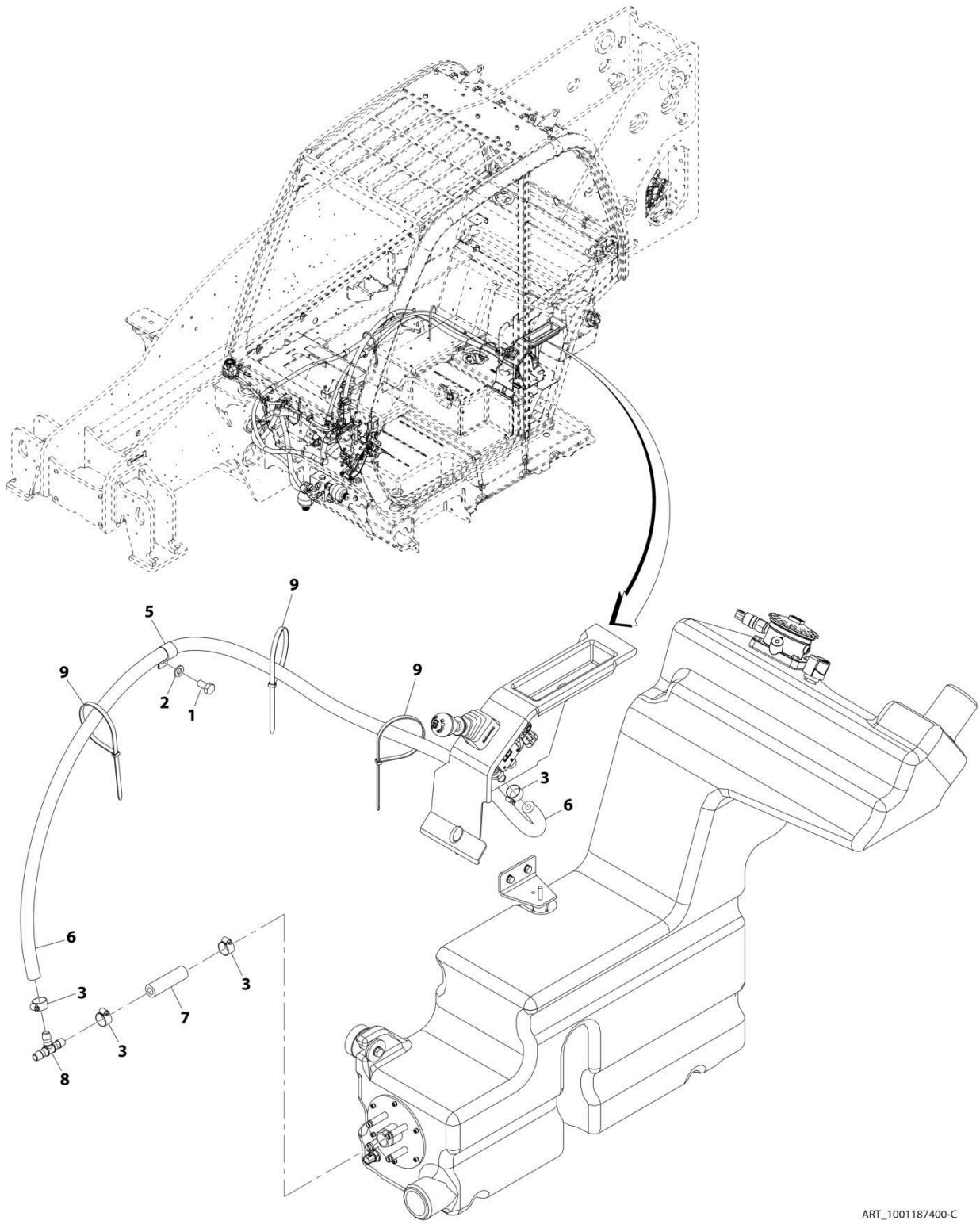


FIGURE 8-22. RETURN LINES INSTALLATION (SAHR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187400	Ref	Return Lines Installation	C
1	0761010	1	Bolt, M10X20	
2	4812000	1	Washer, M10	
3	8410009	4	Clamp, Gear	
5	1001004144	1	Clip	
6	1001207754	1	Hose	
7	1001187416	1	Hose	
8	1001176411	1	Adapter, Tee	
9	1062255	3	Strap, Tie	

FIGURE 8-23. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)

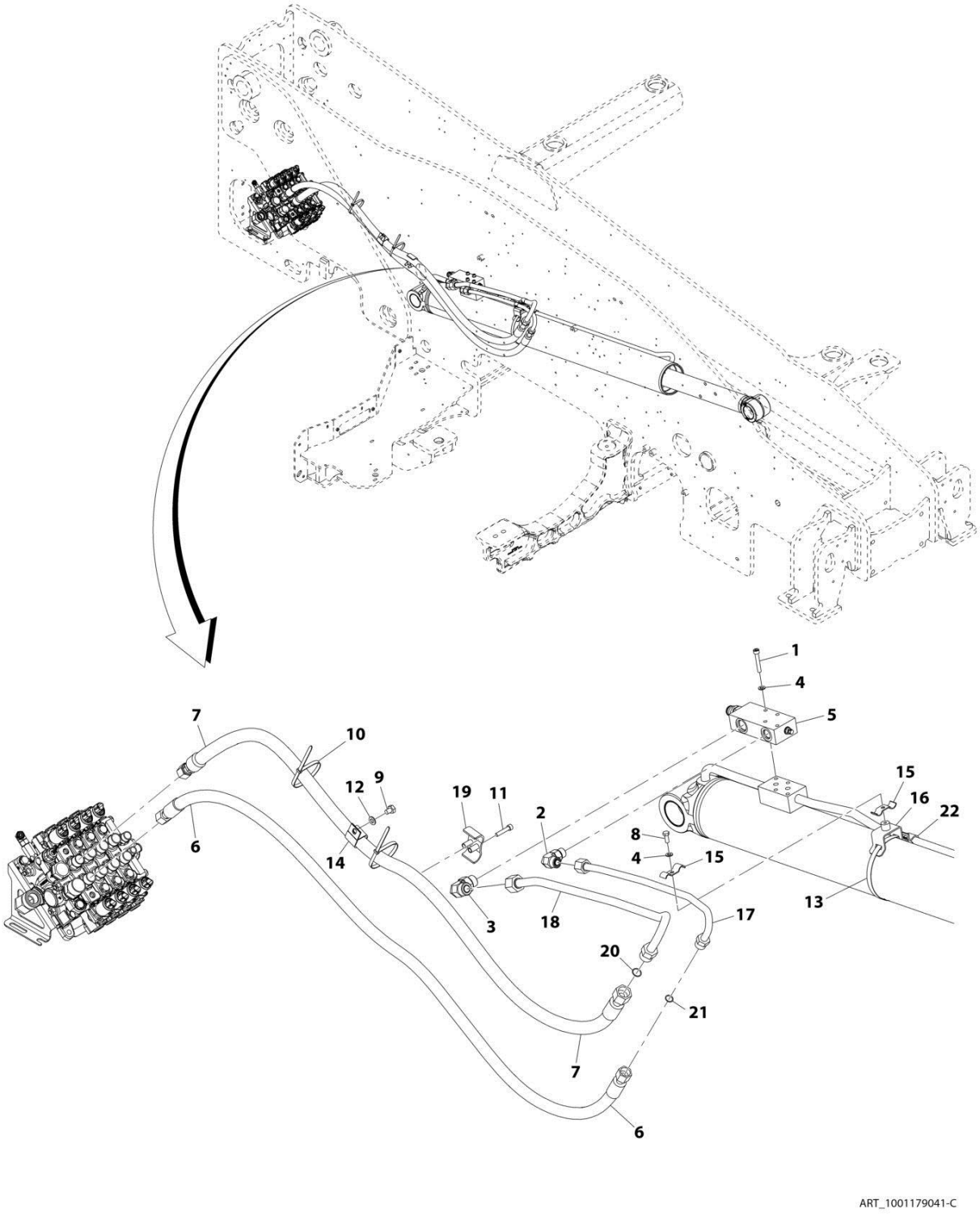


FIGURE 8-23. BOOM RAISE HOSES INSTALLATION (NO RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179041	Ref	Boom Raise Hoses Installation (No Ride Control)	C
1	5271814	4	Bolt, M8X50	
2	2131010	1	Fitting, 90 ORFS	
3	2131212	1	Fitting, 90 ORFS	
4	4811900	5	Washer, M8	
5	1001201245	1	Valve, Counterbalance	
6	1001203923	1	Hose, ORFS	
7	1001203922	1	Hose, ORFS	
8	0760810	1	Bolt, M8X20	
9	0761007	1	Bolt, M10X14	
10	1062255	2	Strap, Tie	
11	4031912	2	Bolt, M8X40	
12	4812000	1	Washer, M10	
13	8405502	1	Clamp	
14	1001008572	1	Clip	
15	1001198331	2	Clamp, Twin	
16	1001200038	1	Bracket	
17	1001203905	1	Pipe, ORFS	
18	1001203915	1	Pipe, ORFS	
19	1001203919	1	Bracket	
20	1001008863	1	Seal	
21	1001008922	1	Seal	
22	1001101064	1	Clip	

FIGURE 8-24. BOOM RAISE HOSES INSTALLATION (RIDE CONTROL)

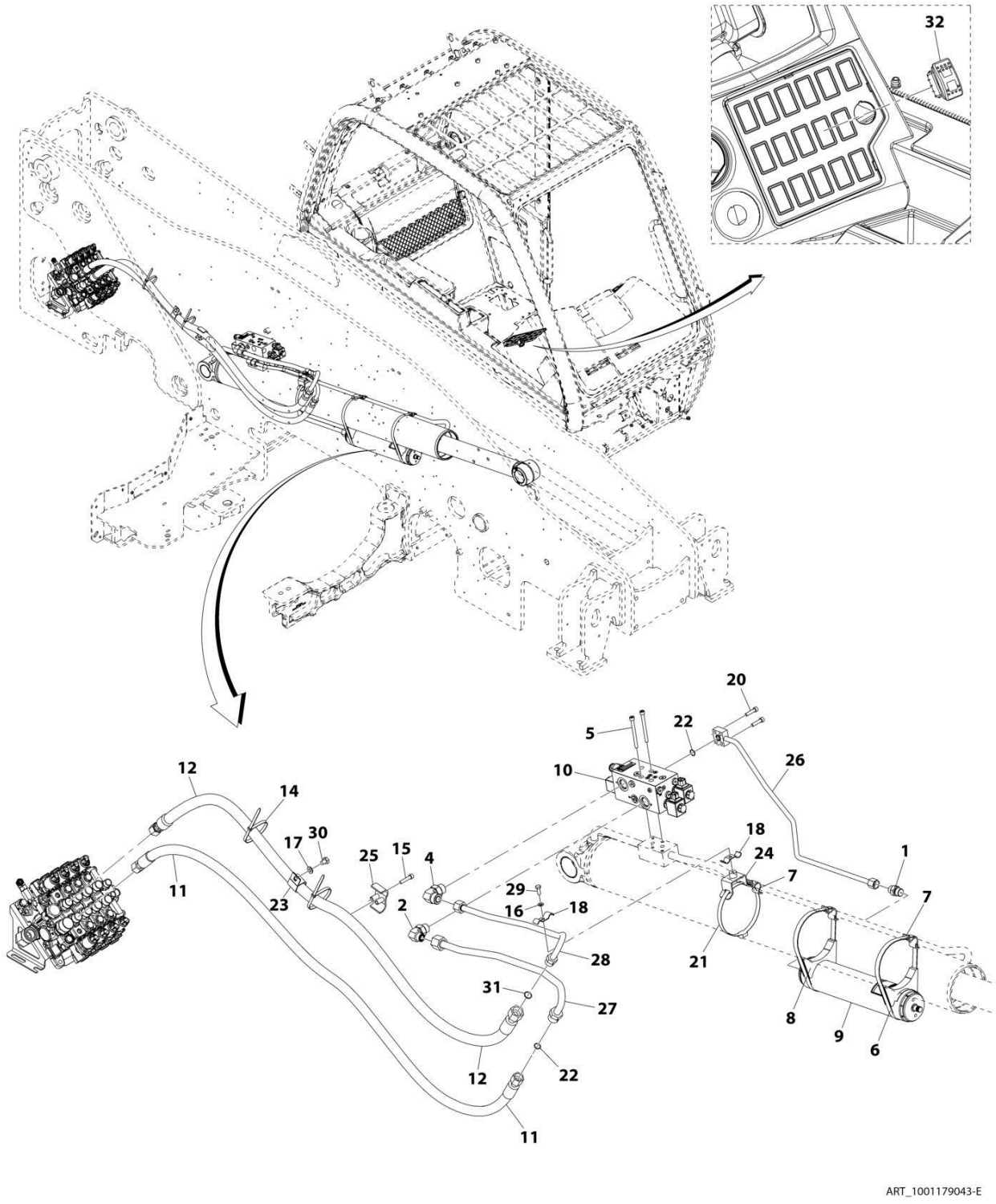


FIGURE 8-24. BOOM RAISE HOSES INSTALLATION (RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179043	Ref	Boom Raise Hoses Installation (Ride Control)	E
1	1001216636	1	Valve, Check	
2	2131012	1	Fitting, 90 ORFS	
4	2131212	1	Fitting, 90 ORFS	
5	5271922	4	Bolt, M8X90	
6	1001101063	2	Clamp	
7	1001101064	3	Clip	
8	1001208035	2	Bumper	
9	1001106729	1	Cylinder, Piston Accumulator	
10	1001215261	1	Valve, Ride Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
11	1001203923	1	Hose, ORFS	
12	1001203922	1	Hose, ORFS	
14	1062255	2	Strap, Tie	
15	4031912	2	Bolt, M8X40	
16	4811900	1	Washer, M8	
17	4812000	1	Washer, M10	
18	1001198331	2	Clamp	
20	5271808	4	Screw, M8X20	
21	8405502	1	Clamp	
22	1001008922	2	Seal	
23	1001008572	1	Clip	
24	1001200038	1	Bracket	
25	1001203919	1	Bracket	
26	1001211452	1	Pipe, ORFS	
27	1001204974	1	Pipe, ORFS	
28	1001204975	1	Pipe, ORFS	
29	0760810	1	Bolt, M8X20	
30	0761007	1	Bolt, M10X14	
31	1001008863	1	Seal	
32	1001159745	1	Switch	

FIGURE 8-25. REAR AUX HYDRAULICS INSTALLATION (SINGLE)

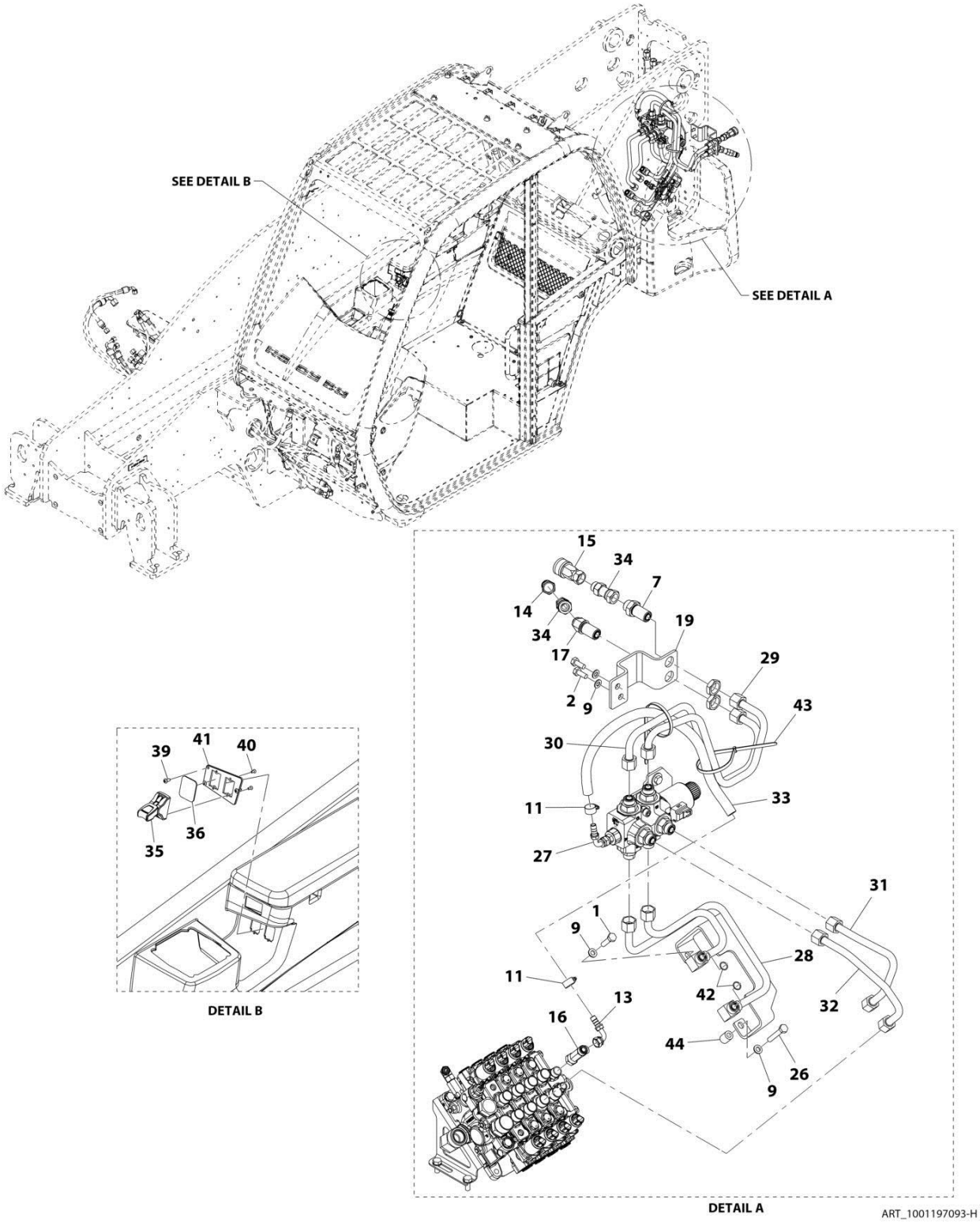


FIGURE 8-25. REAR AUX HYDRAULICS INSTALLATION (SINGLE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197093	Ref	Rear Aux Hydraulics Installation (Single)	H
1	0701016	1	Bolt, M10X40	
2	0761012	2	Bolt, M10X25	
7	2171110	1	Fitting, Straight ORFS	
9	4812000	4	Washer, M10	
11	8405006	2	Clamp	
13	1001095301	1	Fitting, 90 ORFS	
14	1001101041	1	Coupling, Male Quick Disconnect	
15	1001101042	1	Coupling, Female Quick Disconnect	
16	1001104646	1	Fitting, Tee ORFS	
17	2171310	1	Fitting, 45 ORFS	
19	1001213829	1	Bracket	
26	0701021	1	Bolt, M10X65	
27	1001204420	1	Assembly, Divertor Valve (Hi Flow) (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
28	1001204421	NLA	Pipe (no longer available, use 1001226776 for replacement)	
28	1001226776	1	Pipe	
29	1001213771	NLA	Pipe, ORFS (no longer available, use 1001226101 for replacement)	
29	1001226101	1	Pipe, ORFS	
30	1001213772	1	Pipe, ORFS	
31	1001204427	NLA	Pipe, ORFS (no longer available, use 1001226777 for replacement)	
31	1001226777	1	Pipe, ORFS	
32	1001204428	NLA	Pipe, ORFS (no longer available, use 1001226778 for replacement)	
32	1001226778	1	Pipe, ORFS	
33	1001204437	NLA	Hose (no longer available, use 1001226779 for replacement)	
33	1001226779	1	Hose	
34	1001001556	2	Fitting, Straight ORFS	
35	1001157919	1	Joystick, Fingertip Control	
36	1001214399	1	Cover	
39	7029486	3	Screw	
40	1001216232	2	Screw	
41	1001216163	1	Plate	
42	1001008922	2	Seal	
43	1062255	2	Strap, Tie	
44	1001188548	1	Boss	

FIGURE 8-26. REAR AUX HYDRAULICS INSTALLATION (TWIN)

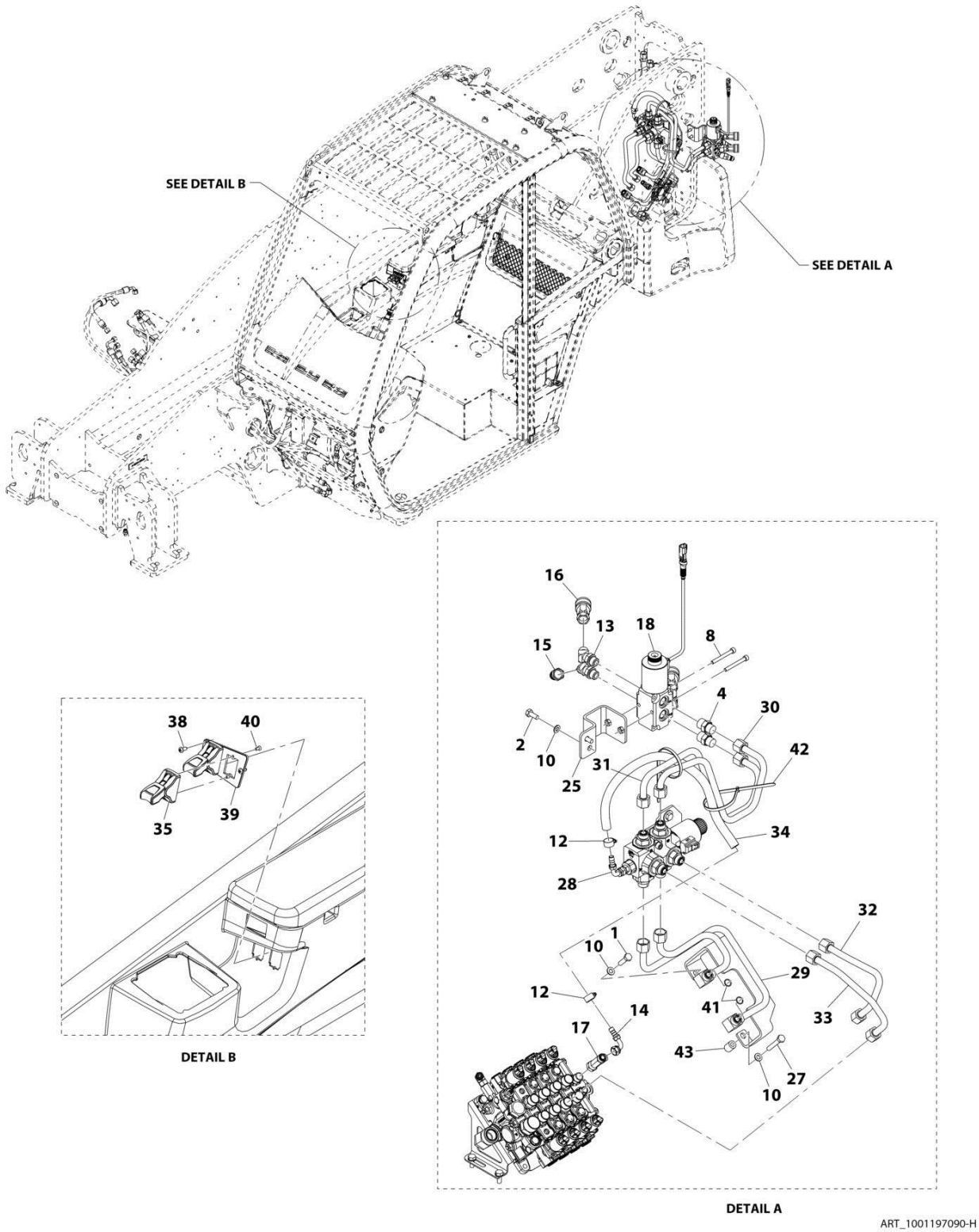


FIGURE 8-26. REAR AUX HYDRAULICS INSTALLATION (TWIN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197090	Ref	Rear Aux Hydraulics Installation (Twin)	H
1	0701016	1	Bolt, M10X40	
2	0761012	2	Bolt, M10X25	
4	2111010	2	Fitting, Straight ORFS	
8	4031918	2	Bolt, M8X70	
10	4812000	4	Washer, M10	
12	8405006	2	Clamp	
13	1001005904	4	Fitting, 45	
14	1001095301	1	Fitting, 90 ORFS	
15	1001101041	2	Coupling, Male Quick Disconnect	
16	1001101042	2	Coupling, Female Quick Disconnect	
17	1001104646	1	Fitting, Tee ORFS	
18	1001110023	1	Valve, Divertor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
25	1001213871	1	Bracket	
27	0701021	1	Bolt, M10X65	
28	1001204420	1	Assembly, Divertor Valve (Hi Flow) (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
29	1001204421	NLA	Pipe (no longer available, use 1001226776 for replacement)	
29	1001226776	1	Pipe	
30	1001213771	NLA	Pipe, ORFS (no longer available, use 1001226101 for replacement)	
30	1001226101	1	Pipe, ORFS	
31	1001213772	1	Pipe, ORFS	
32	1001204427	NLA	Pipe, ORFS (no longer available, use 1001226777 for replacement)	
32	1001226777	1	Pipe, ORFS	
33	1001204428	NLA	Pipe, ORFS (no longer available, use 1001226778 for replacement)	
33	1001226778	1	Pipe, ORFS	
34	1001204437	NLA	Hose (no longer available, use 1001226779 for replacement)	
34	1001226779	1	Hose	
35	1001157919	2	Joystick, Fingertip Control	
38	7029486	1	Screw	
39	1001216163	1	Plate	
40	1001216232	4	Screw	
41	1001008922	2	Seal	
42	1062255	2	Strap, Tie	
43	1001188548	1	Boss	

FIGURE 8-27. TRAILER BRAKE INSTALLATION (NO ITALIAN) (Prior to SN 1160008518)

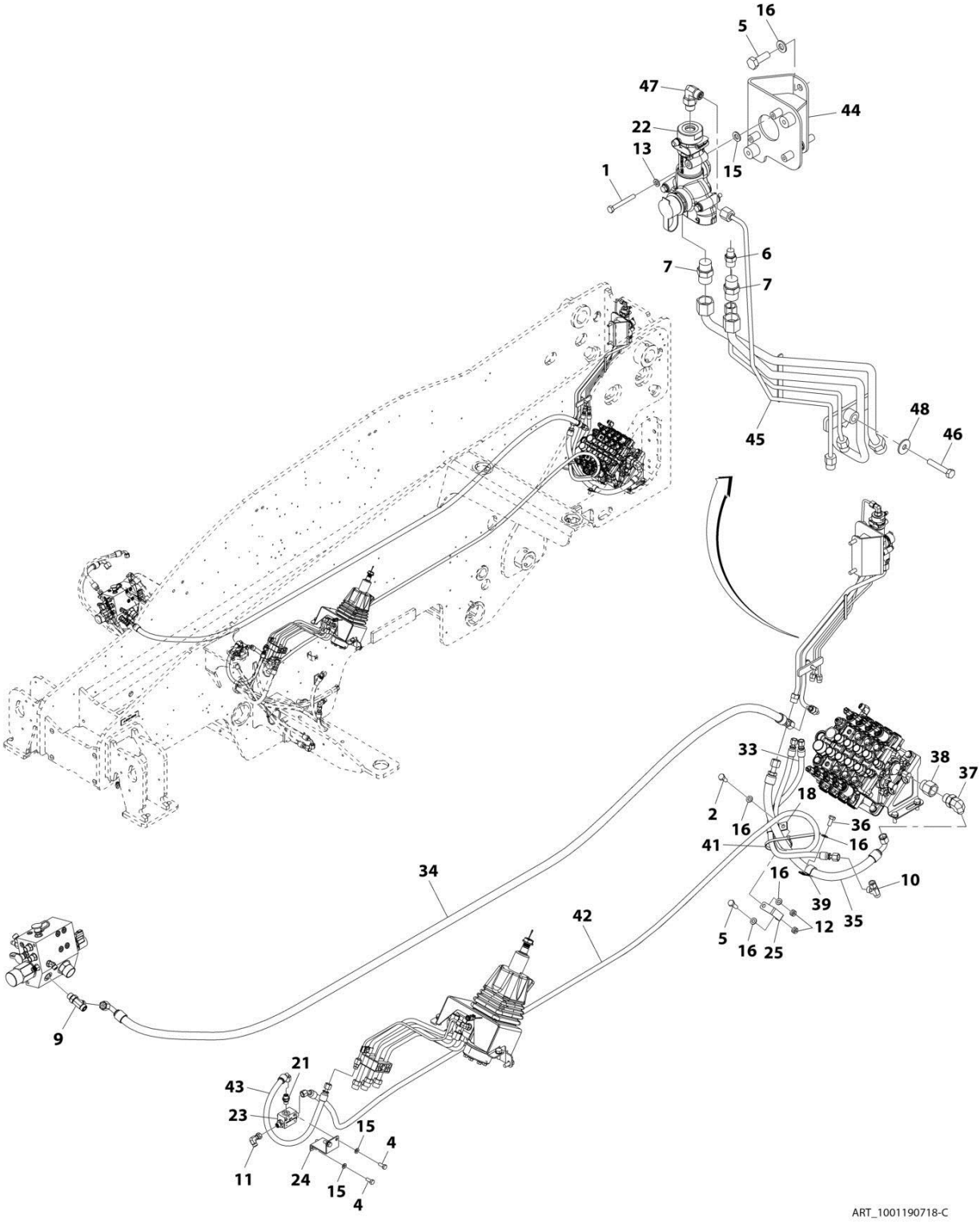


FIGURE 8-27. TRAILER BRAKE INSTALLATION (NO ITALIAN) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190718	Ref	Trailer Brake Installation	C
1	0700618	3	Bolt, M6X50	
2	0701012	1	Bolt, M10X25	
4	0760810	4	Bolt, M8X20	
5	0761014	3	Bolt, M10X30	
6	1001206179	1	Valve, Check	
7	2110808	2	Fitting, Straight ORFS	
9	2170308	1	Fitting, Tee ORFS	
10	2170706	1	Fitting, Tee ORFS	
11	2172104	1	Fitting, 90 ORFS	
12	3291001	2	Nut, M10X1.5 Grade 8	
13	4811700	3	Washer, M6	
15	4811900	7	Washer, M8	
16	4812000	6	Washer, M10	
18	1001008626	1	Clip	
21	1001120501	1	Fitting, Straight ORFS	
22	1001212384	1	Valve, Trailer Brake	
23	1001151257	1	Valve, Dynamic Select	
24	1001184517	1	Bracket	
25	1001184518	1	Bracket	
33	1001204729	1	Hose, ORFS	
34	1001204731	1	Hose, ORFS	
35	1001205078	1	Hose, ORFS	
36	0701011	1	Bolt, M10X22	
37	2130812	1	Fitting, 90 ORFS	
38	2220550	1	Fitting, Straight ORFS	
39	1001009384	1	Clip	
41	1062255	4	Strap, Tie	
42	1001205392	1	Hose, ORFS	
43	1001205393	1	Hose, ORFS	
44	1001204629	1	Bracket	
45	1001204681	1	Pipe	
46	0700817	1	Bolt, M8X45	
47	2130406	1	Fitting, 90 ORFS	
48	4811902	1	Washer, M8	

FIGURE 8-28. TRAILER BRAKE INSTALLATION (NO ITALIAN) (SN 1160008518 to Present)

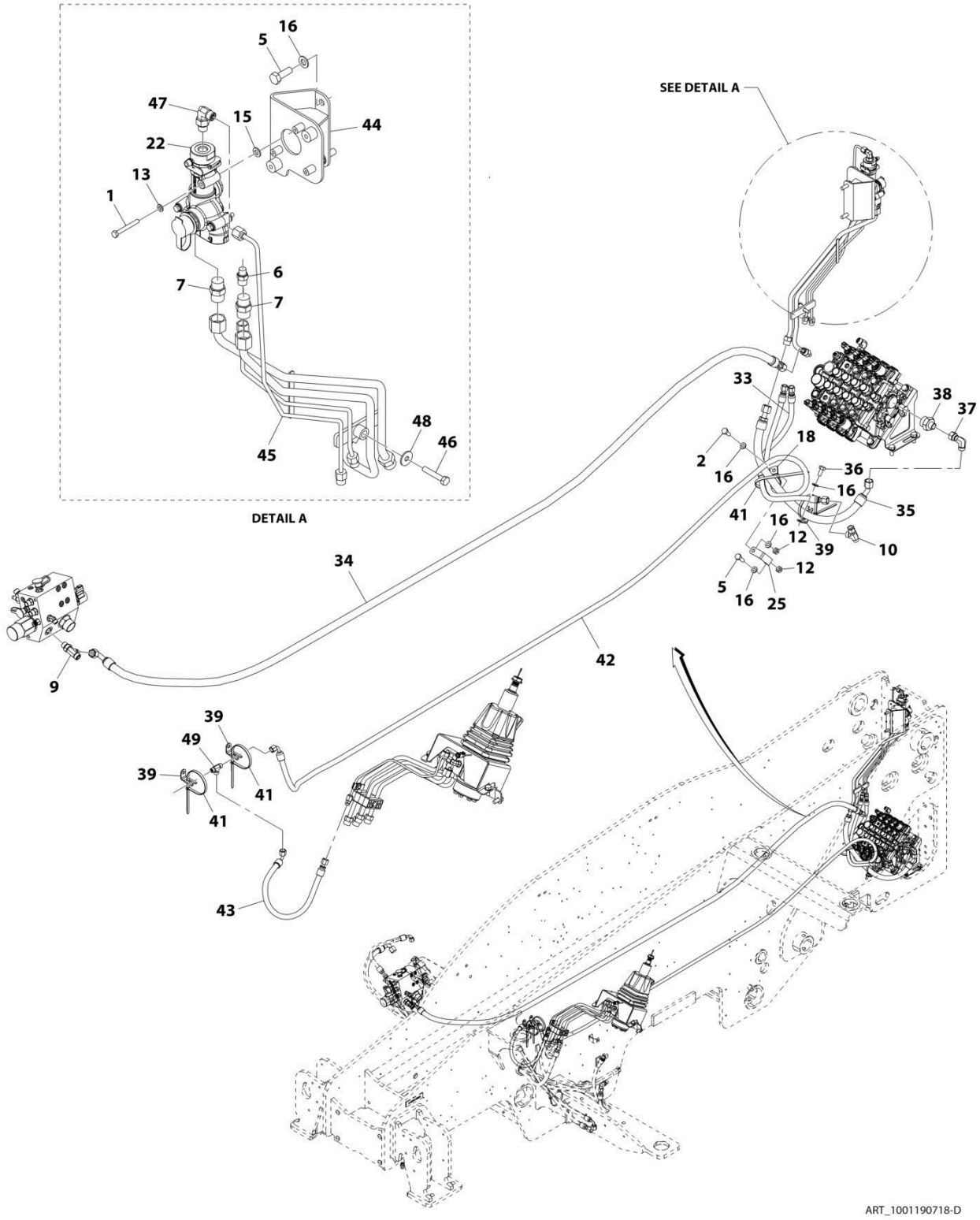


FIGURE 8-28. TRAILER BRAKE INSTALLATION (NO ITALIAN) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190718	Ref	Trailer Brake Installation (No Italian)	D
1	0700618	3	Bolt, M6X50	
2	0701012	1	Bolt, M10X25	
5	0761014	3	Bolt, M10X30	
6	1001206179	1	Valve, Check	
7	2110808	2	Fitting, Straight ORFS	
9	2170308	1	Fitting, Tee ORFS	
10	2170706	1	Fitting, Tee ORFS	
12	3291001	2	Nut, M10X1.5 Grade 8	
13	4811700	3	Washer, M6	
15	4811900	3	Washer, M8	
16	4812000	6	Washer, M10	
18	1001008626	1	Clip	
22	1001212384	1	Valve, Trailer Brake	
25	1001184518	1	Bracket	
33	1001204729	1	Hose, ORFS	
34	1001204731	1	Hose, ORFS	
35	1001226789	1	Hose, ORFS	
36	0701011	1	Bolt, M10X22	
37	2172108	1	Fitting, 90 ORFS	
38	2110816	1	Fitting, Straight ORFS	
39	1001003305	3	Clip	
41	1062255	4	Strap, Tie	
42	1001226787	1	Hose, ORFS	
43	1001205393	1	Hose, ORFS	
44	1001204629	1	Bracket	
45	1001204681	1	Pipe	
46	0700817	1	Bolt, M8X45	
47	2130406	1	Fitting, 90 ORFS	
48	4811902	1	Washer, M8	
49	2170504	1	Fitting, ORFS	

FIGURE 8-29. TRAILER BRAKE INSTALLATION (ITALIAN) (Prior to SN 1160008518)

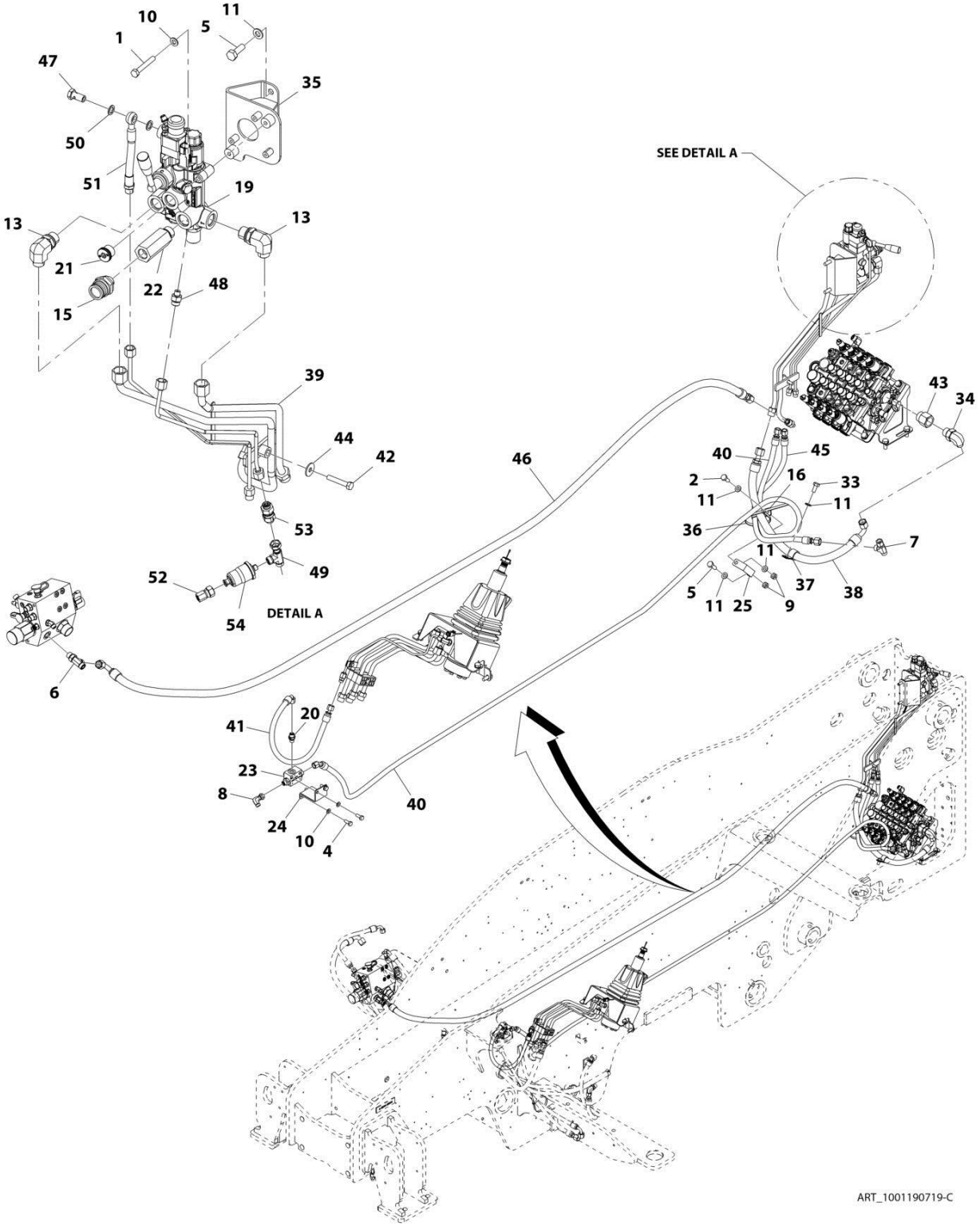


FIGURE 8-29. TRAILER BRAKE INSTALLATION (ITALIAN) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190719	Ref	Trailer Brake Installation (Italian)	C
1	0700819	2	Bolt, M8X55	
2	0701012	1	Bolt, M10X25	
4	0760810	4	Bolt, M8X20	
5	0761014	3	Bolt, M10X30	
6	2170308	1	Fitting, Tee ORFS	
7	2170706	1	Fitting, Tee ORFS	
8	2172104	1	Fitting, 90 ORFS	
9	3291001	2	Nut, M10X1.5 Grade 8	
10	4811900	8	Washer, M8	
11	4812000	6	Washer, M10	
13	8770175	2	Fitting, 90 ORFS	
15	1001005893	1	Coupler	
16	1001008626	1	Clip	
19	1001211323	1	Valve, Trailer Brake (Italian)	
20	1001120501	1	Fitting, Straight ORFS	
21	1001120505	1	Plug	
22	1001120602	1	Adapter	
23	1001151257	1	Valve, Dynamic Select	
24	1001184517	1	Bracket	
25	1001184518	1	Bracket	
33	0701011	1	Bolt, M10X22	
34	2130812	1	Fitting, 90 ORFS	
35	1001204629	1	Bracket	
36	1062255	1	Strap, Tie	
37	1001009384	1	Clip	
38	1001205078	1	Hose, ORFS	
39	1001218654	1	Bracket	
40	1001205392	1	Hose, ORFS	
41	1001205393	1	Hose, ORFS	
42	0700817	1	Bolt, M8X45	
43	2220550	1	Fitting, Straight ORFS	
44	4811902	1	Washer, M8	
45	1001204729	1	Hose, ORFS	
46	1001204731	1	Hose, ORFS	
47	0630609	1	Bolt, M12X1.25	
48	2144601	1	Fitting, Straight ORFS	
49	2170704	1	Fitting, Tee ORFS	
50	4740566	2	Washer, M12	
51	1001149050	1	Hose	
52	1001218962	1	Fitting, Straight	
53	1001169803	1	Valve, Check	
54	1001219481	1	Sensor	

FIGURE 8-30. TRAILER BRAKE INSTALLATION (ITALIAN) (SN 1160008518 to Present)

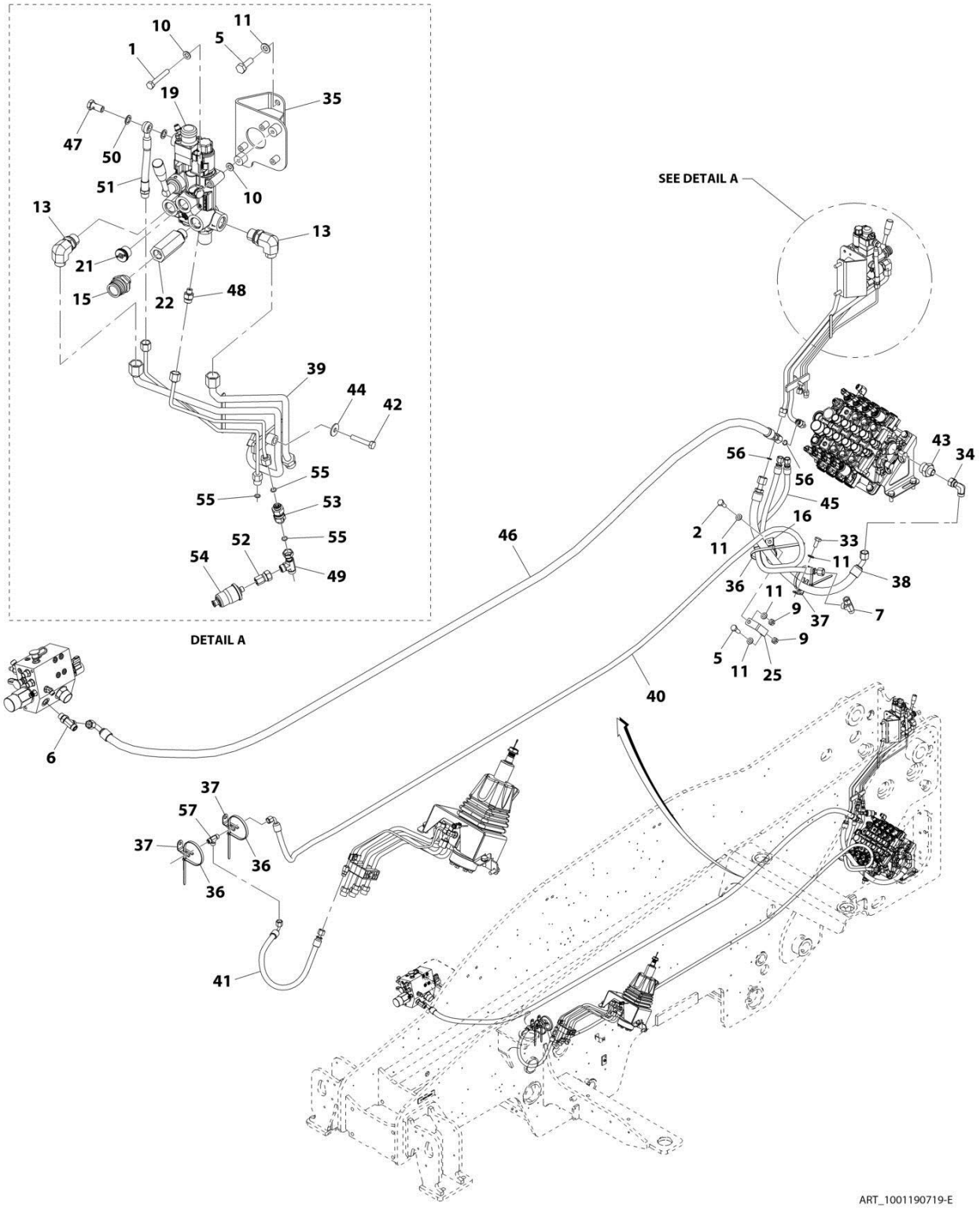


FIGURE 8-30. TRAILER BRAKE INSTALLATION (ITALIAN) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190719	Ref	Trailer Brake Installation (Italian)	E
1	0700819	2	Bolt, M8X55	
2	0701012	1	Bolt, M10X25	
5	0761014	3	Bolt, M10X30	
6	2170308	1	Fitting, Tee ORFS	
7	2170706	1	Fitting, Tee ORFS	
9	3291001	2	Nut, M10X1.5 Grade 8	
10	4811900	4	Washer, M8	
11	4812000	6	Washer, M10	
13	8770175	2	Fitting, 90 ORFS	
15	1001005893	1	Coupler	
16	1001008626	1	Clip	
19	1001211323	1	Valve, Trailer Brake (Italian)	
21	1001120505	1	Plug	
22	1001120602	1	Adapter	
25	1001184518	1	Bracket	
33	0701011	1	Bolt, M10X22	
34	2172108	1	Fitting, 90 ORFS	
35	1001204629	1	Bracket	
36	1062255	4	Strap, Tie	
37	1001003305	3	Clip	
38	1001226789	1	Hose, ORFS	
39	1001218654	1	Bracket	
40	1001226787	1	Hose, ORFS	
41	1001205393	1	Hose, ORFS	
42	0700817	1	Bolt, M8X45	
43	2110816	1	Fitting, Straight ORFS	
44	4811902	1	Washer, M8	
45	1001204729	1	Hose, ORFS	
46	1001204731	1	Hose, ORFS	
47	0630609	1	Bolt, M12X1.25	
48	2144601	1	Fitting, Straight ORFS	
49	2170704	1	Fitting, Tee ORFS	
50	4740566	2	Washer, M12	
51	1001149050	1	Hose	
52	1001218962	1	Fitting, Straight	
53	1001169803	1	Valve, Check	
54	1001219481	1	Sensor	
55	1001008586	3	Seal, O-Ring ORFS	
56	1001008805	2	Seal	
57	2170504	1	Fitting, ORFS	

FIGURE 8-31. BOOM HYDRAULIC INSTALLATION

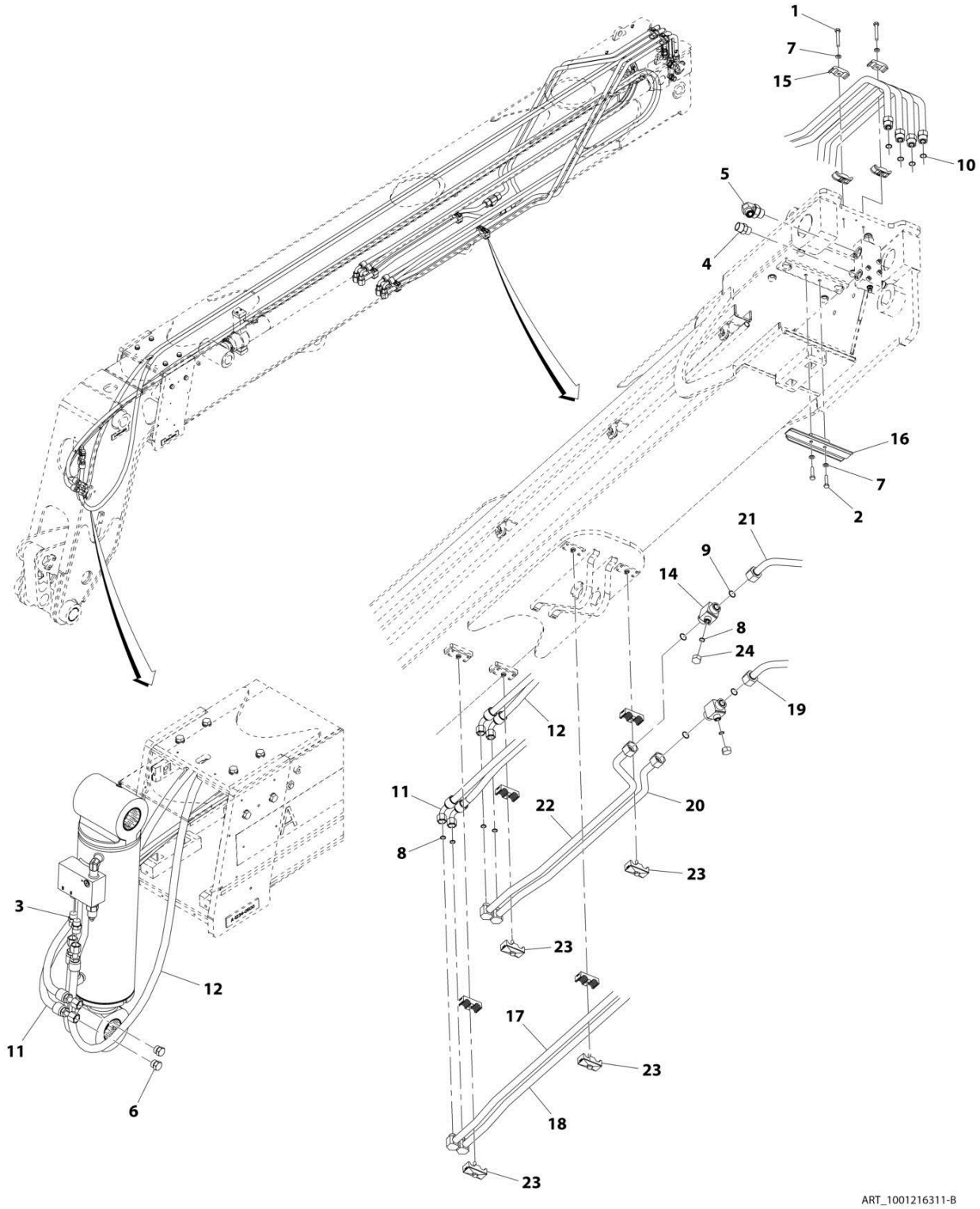
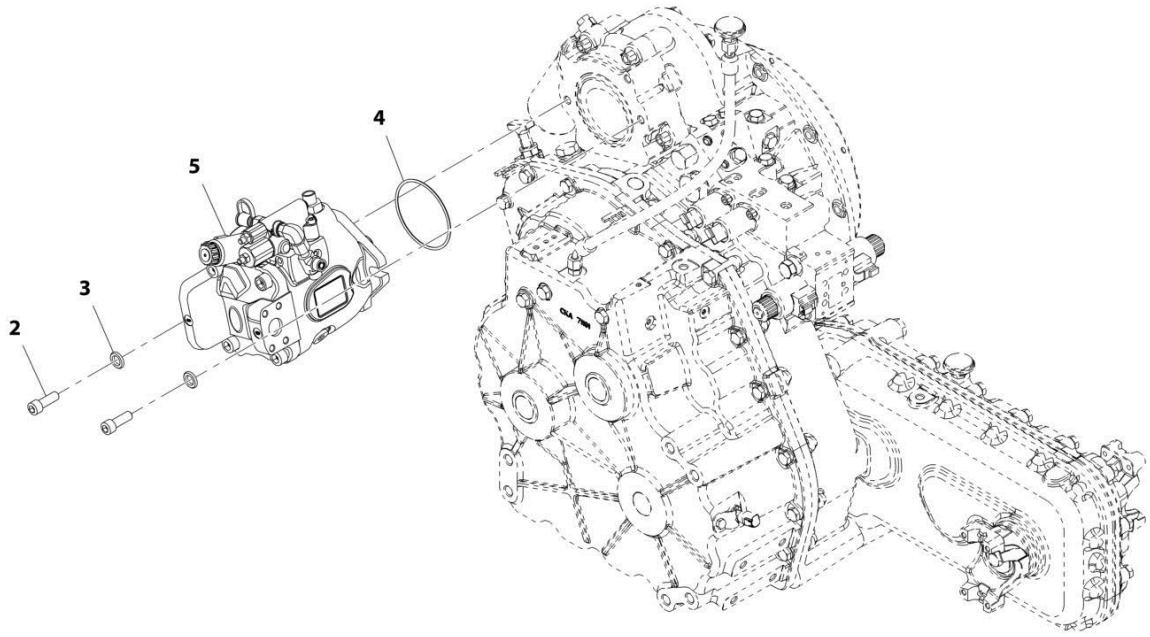


FIGURE 8-31. BOOM HYDRAULIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216311	Ref	Boom Hydraulic Installation	B
1	0700819	2	Bolt, M8X55	
2	0760815	2	Bolt, M8X35	
3	2110808	2	Fitting, Straight ORFS	
4	2111010	1	Fitting, Straight ORFS	
5	2131012	1	Fitting, 90 ORFS **(Prior to SN 0300087631)**	
6	2171008	2	Fitting, Straight ORFS	
7	4811900	4	Washer, M8	
8	1001008805	6	Seal	
9	1001008863	4	Seal	
10	1001008922	4	Seal	
11	1001178102	1	Hose	
12	1001178103	1	Hose	
14	1001182793	2	Fitting, Tee ORFS	
15	1001213883	2	Clamp	
16	1001213925	1	Clamp	
17	1001216275	1	Tube	
18	1001216276	1	Pipe	
19	1001216277	1	Pipe	
20	1001216278	1	Pipe	
21	1001216279	1	Pipe	
22	1001216280	1	Pipe	
23	1001216237	4	Kit, Clamp	
24	2170908	2	Fitting, Cap ORFS	

FIGURE 8-32. MAIN HYDRAULIC PUMP INSTALLATION



ART_1001177863-B

FIGURE 8-32. MAIN HYDRAULIC PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177863	Ref	Main Hydraulic Pump Installation	B
2	4032111	2	Bolt, M12X35	
3	4740532	2	Washer, M12	
4	1001008450	1	O-Ring	
5	1001183983	Ref	Installation, Implement Pump (See Separate Breakdown in this Section)	

FIGURE 8-33. IMPLEMENT PUMP INSTALLATION

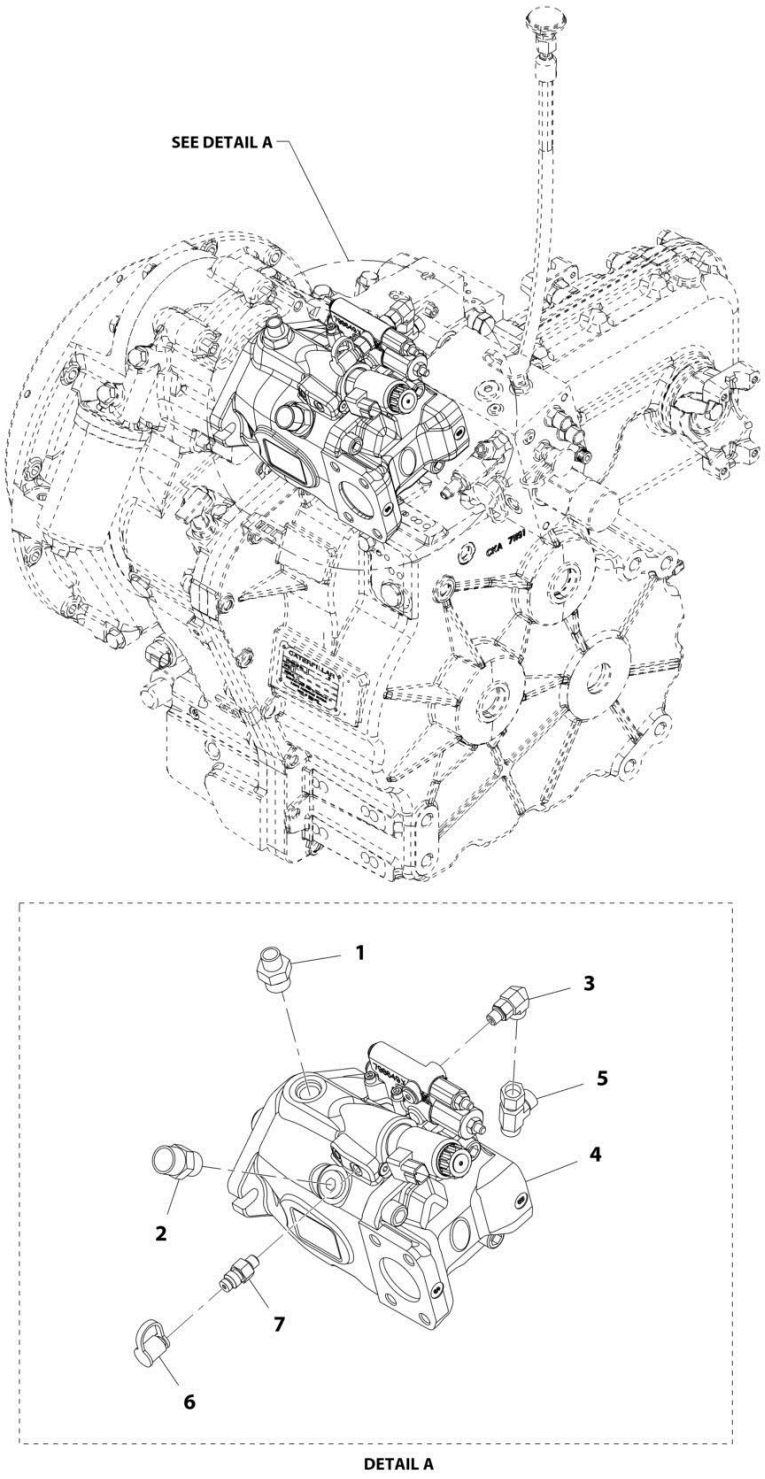


FIGURE 8-33. IMPLEMENT PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183983	Ref	Implement Pump Installation	B
1	2110610	1	Fitting, Straight ORFS	
2	2111010	1	Fitting, Straight ORFS	
3	2130604	1	Fitting, 90 ORFS	
4	1001200815	1	Pump, Implement (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
5	2170706	1	Fitting, Tee ORFS	
6	8430032	1	Plug	
7	8430033	1	Adapter	

FIGURE 8-34. LIFT CYLINDER INSTALLATION

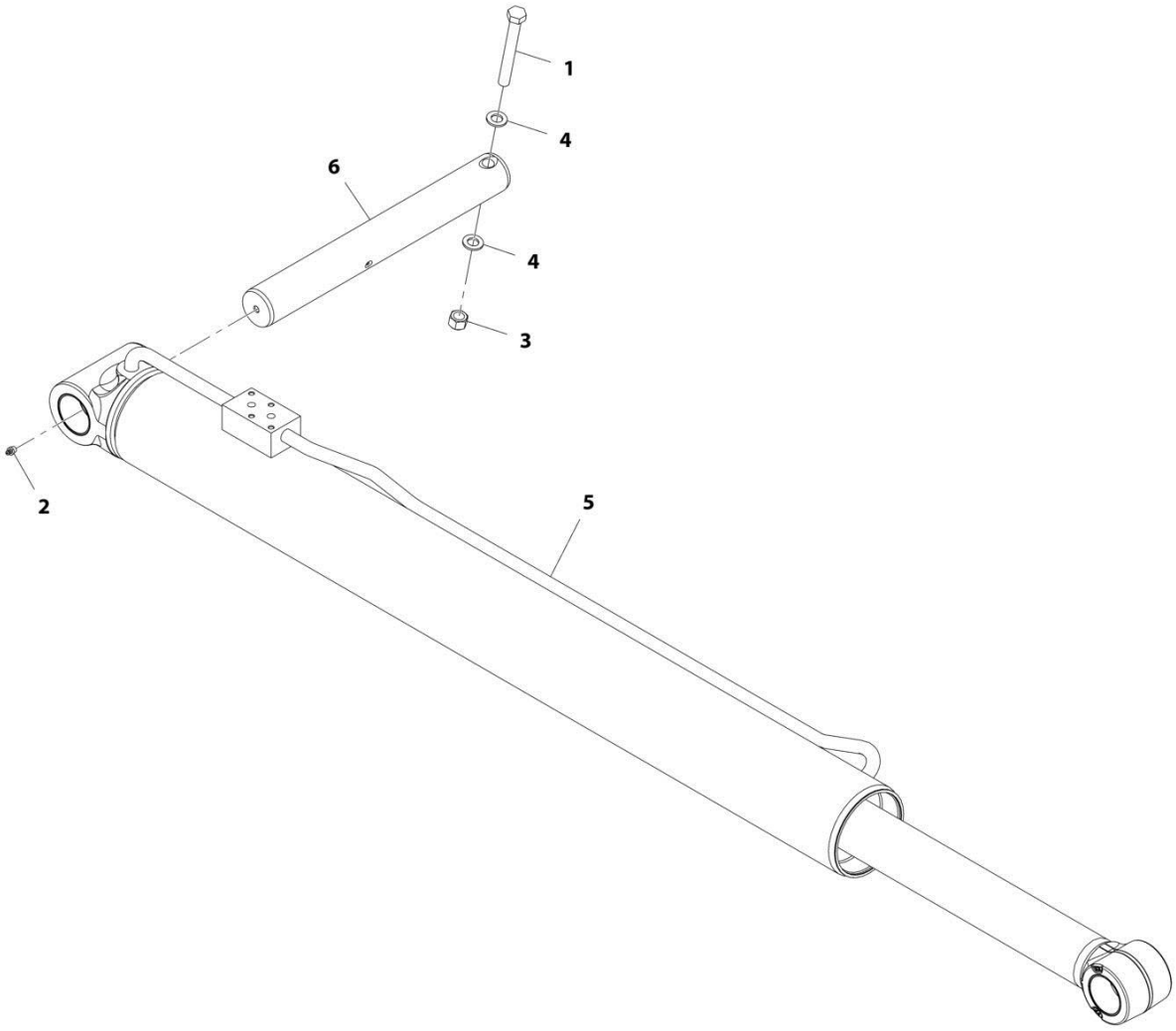


FIGURE 8-34. LIFT CYLINDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173015	Ref	Lift Cylinder Installation	A
1	0701630	1	Bolt, M16X130	
2	2160016	1	Fitting, Grease	
3	3291605	1	Nut, Lock M16X2 Grade 8	
4	4812300	2	Washer, M16	
5	1001175016	1	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	1001183460	1	Pin	

FIGURE 8-35. COMPENSATION CYLINDER INSTALLATION (Prior to SN 1160008518)

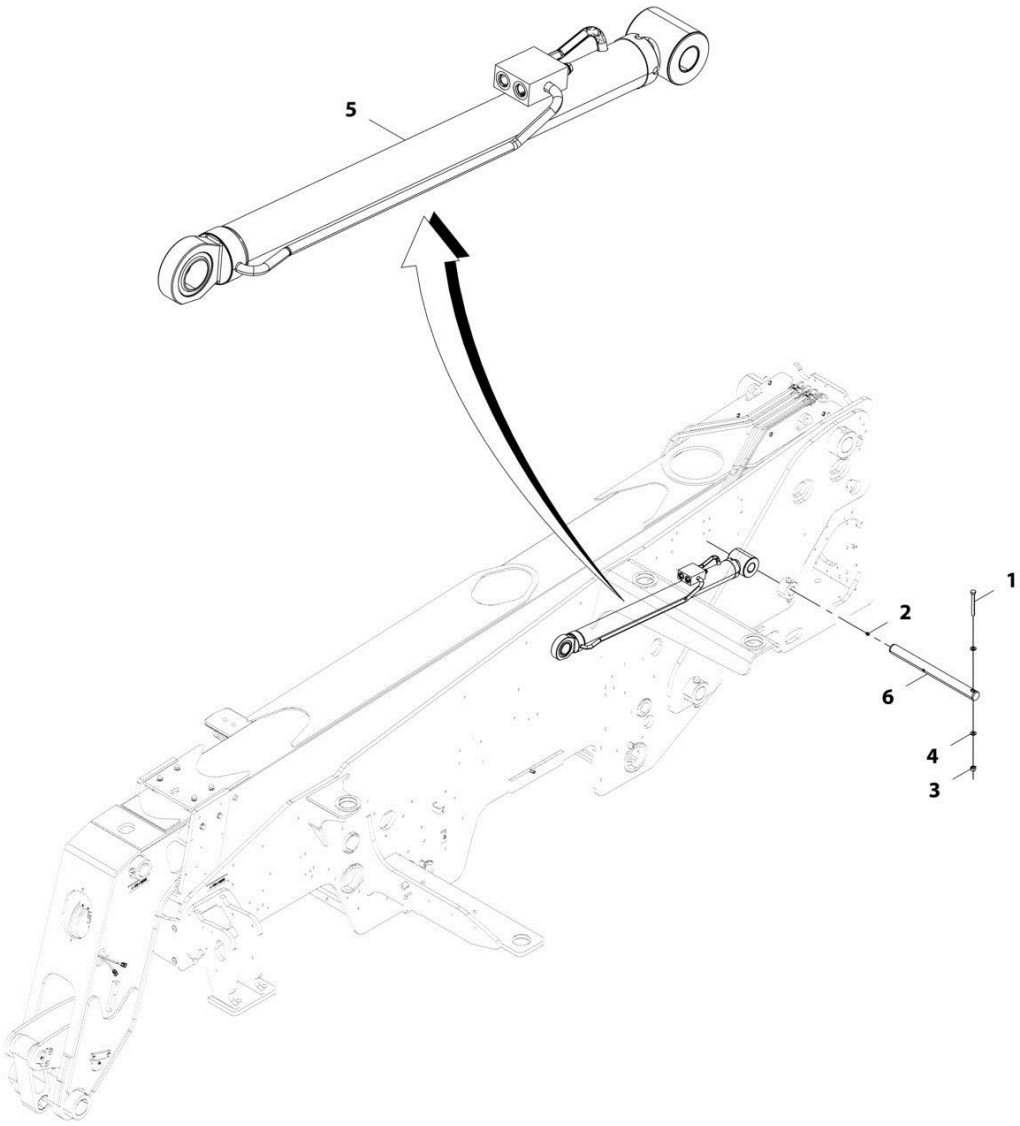


FIGURE 8-35. COMPENSATION CYLINDER INSTALLATION (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173017	Ref	Compensation Cylinder Installation	B
1	0761228	1	Bolt, M12X110	
2	2160016	1	Fitting, Grease	
3	3291205	1	Nut, Lock M12X1.75 Grade 8	
4	4812100	2	Washer, M12	
5	1001180326	1	Cylinder, Compensation (See Separate Breakdown in Hydraulic Components Section)	
6	1001183461	1	Pin	

FIGURE 8-36. COMPENSATION CYLINDER INSTALLATION (SN 1160008518 to Present)

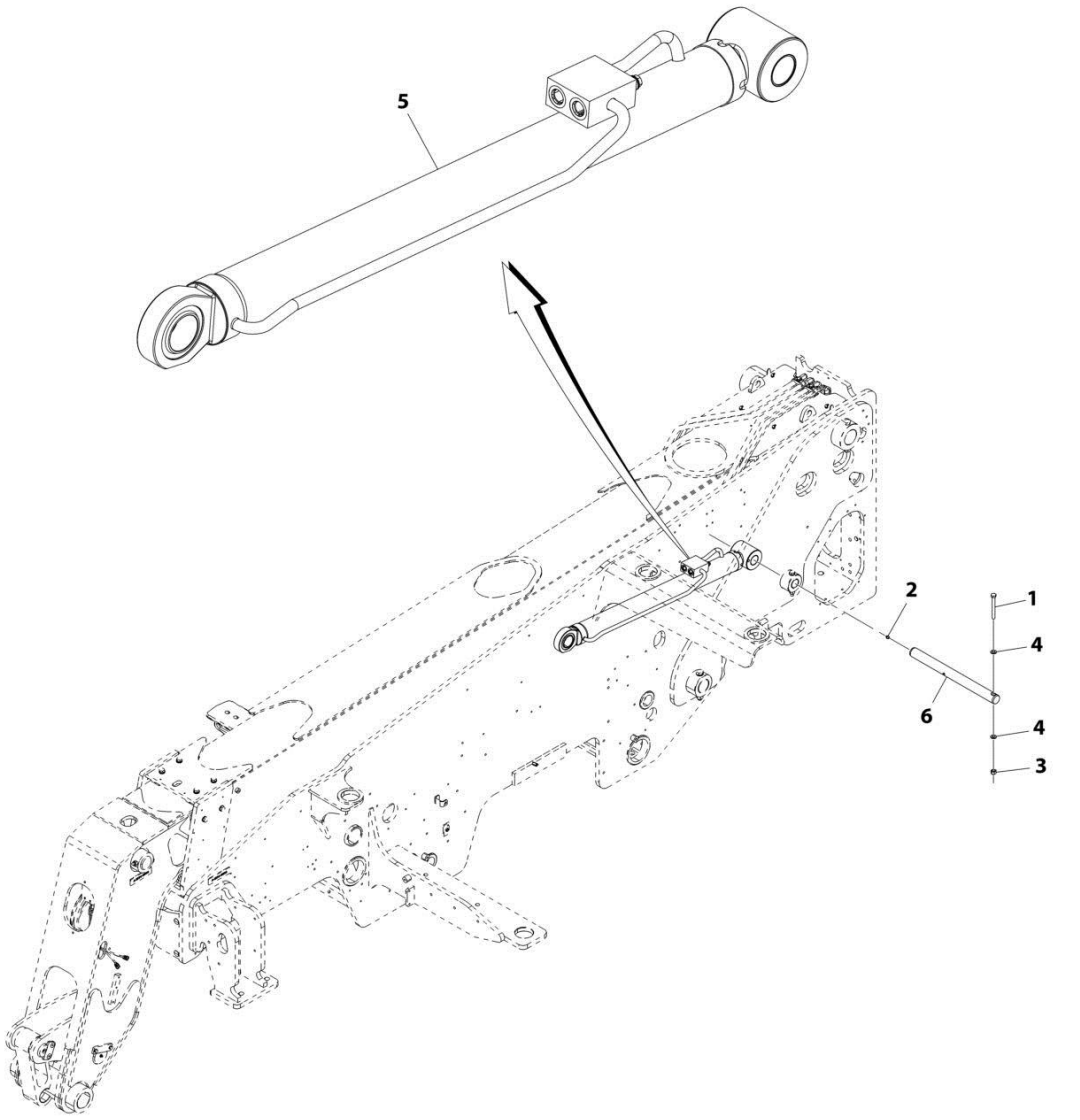


FIGURE 8-36. COMPENSATION CYLINDER INSTALLATION (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001173017	Ref	Compensation Cylinder Installation	C
1	0761228	1	Bolt, M12X110	
2	2160016	1	Fitting, Grease	
3	3291205	1	Nut, Lock M12X1.75 Grade 8	
4	4812100	2	Washer, M12	
5	1001229923	1	Cylinder, Compensation (See Separate Breakdown in Hydraulic Components Section)	
6	1001183461	1	Pin	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. LIFT CYLINDER

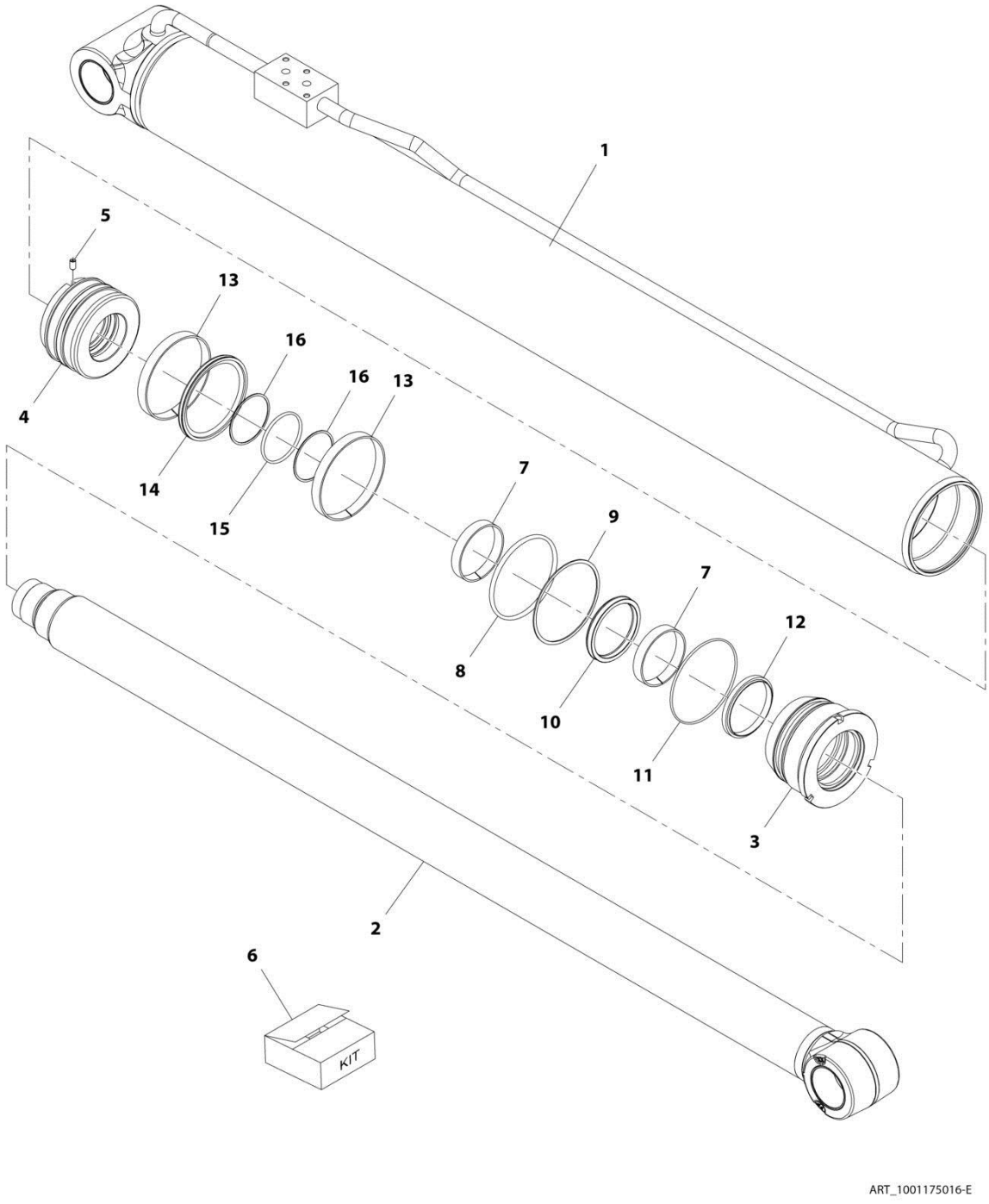


FIGURE 9-1. LIFT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175016	Ref	Lift Cylinder	E
1	70026845	1	Barrel	
2	70026846	1	Rod	
3	70026847	1	Guide, Rod	
4	70026843	1	Piston	
5	70020438	1	Screw	
6	70026848	1	Kit, Seal	
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

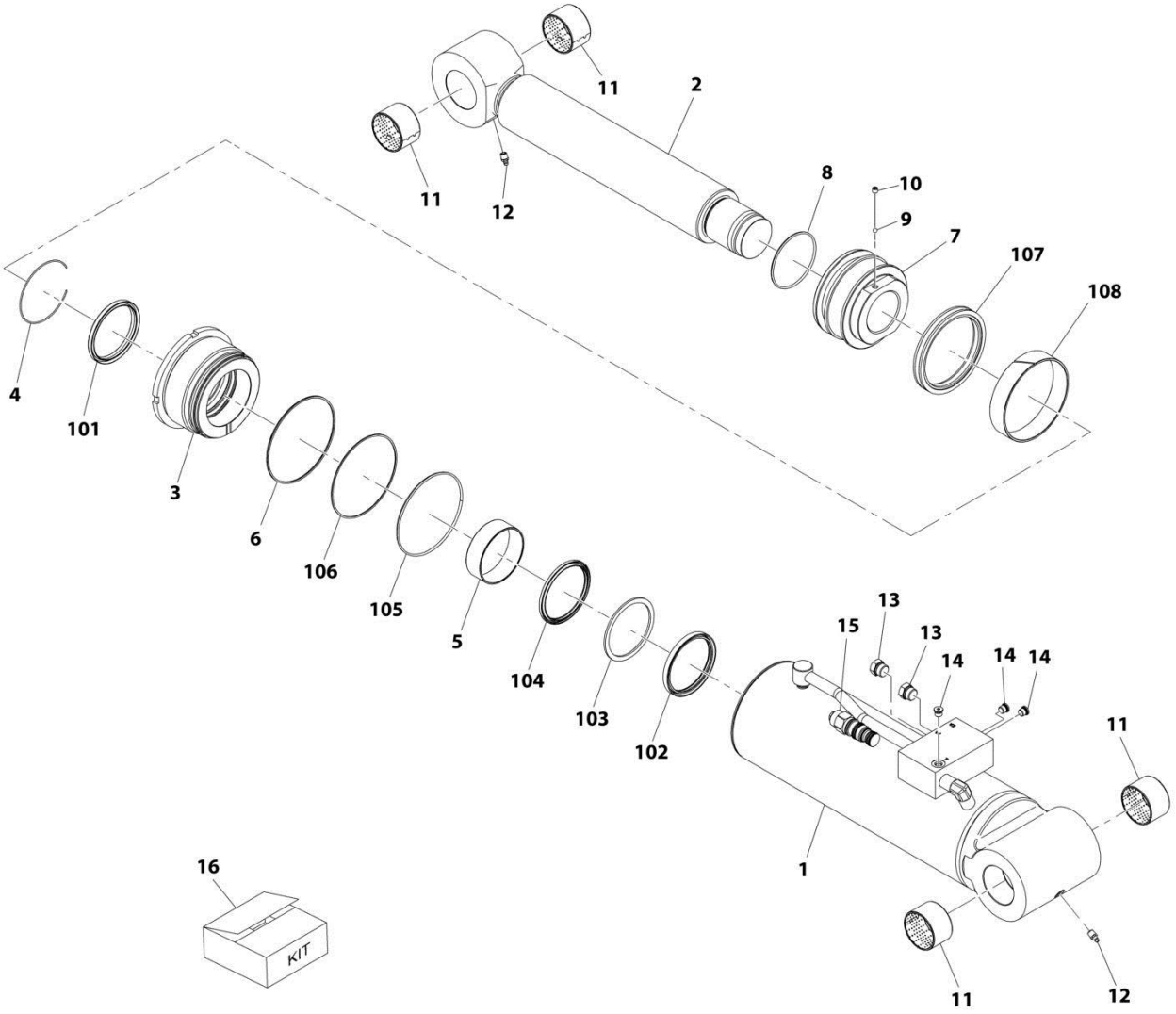
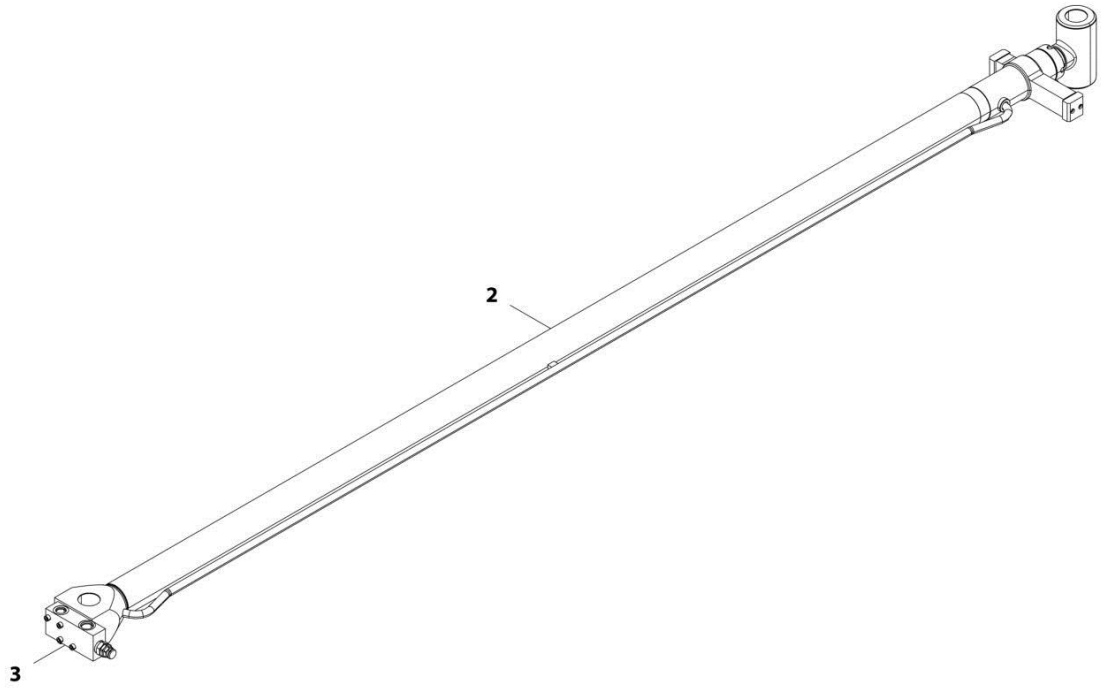


FIGURE 9-2. TILT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180117	Ref	Tilt Cylinder	D
1	70027743	1	Barrel	
2	70027744	1	Rod	
3	70027745	1	Gland	
4	70023380	1	Ring, Retaining	
5	70027225	1	Bearing, Dry	
6	70005841	1	O-Ring	
7	70027746	1	Piston	
8	70050801	1	O-Ring	
9	70022564	1	Ball, Steel	
10	70022563	1	Screw, Set	
11	70026543	4	Bearing, Dry	
12	70026308	2	Fitting, Grease	
13	70023372	2	Plug, Hex	
14	2220883	3	Plug, Hex	
15	1001189888	1	Valve, Counterbalance	
16	70027747	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	Seal, Piston	
108	Kit	1	Ring, Wear	

FIGURE 9-3. INNER EXTEND/RETRACT CYLINDER



ART_1001203311-B

FIGURE 9-3. INNER EXTEND/RETRACT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203311	Ref	Inner Extend/Retract Cylinder	B
2	1001166695	1	Cylinder, Extend/Retract	
3	1001201245	1	Valve, Counterbalance	

FIGURE 9-4. COMPENSATION CYLINDER (Prior to SN 1160008518)

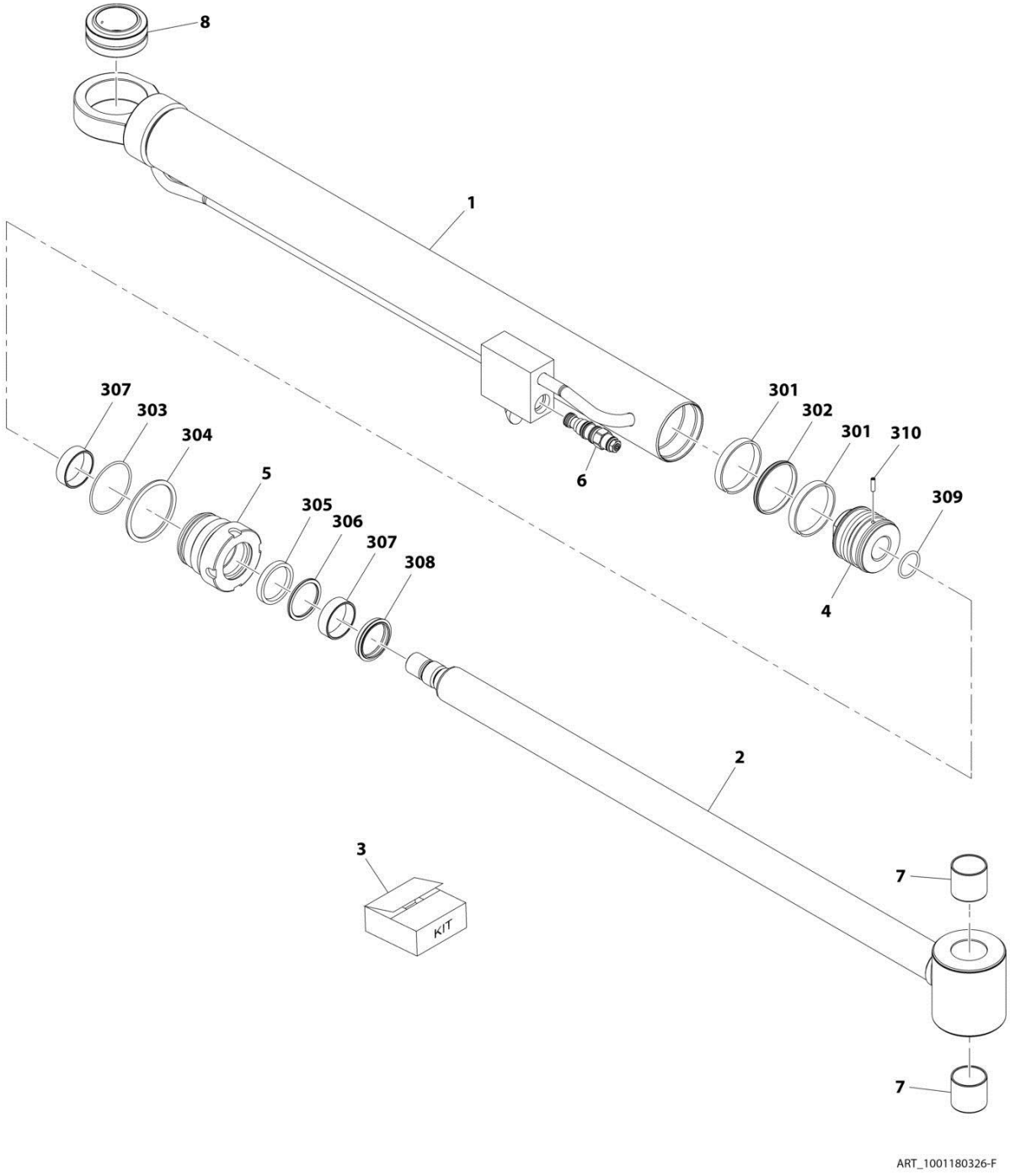


FIGURE 9-4. COMPENSATION CYLINDER (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180326	Ref	Compensation Cylinder	F
1	70027734	1	Barrel	
2	70027730	1	Rod	
3	70027731	1	Kit, Seal (includes items 301 and 310)	
4	70027732	1	Piston	
5	70027733	1	Retainer	
6	1001164336	1	Valve, Counterbalance	
7	70027234	2	Bearing	
8	70027235	1	Bearing, Spherical	
301	Kit	2	Wear Ring	
302	Kit	1	Piston Seal	
303	Kit	1	O-Ring	
304	Kit	1	Back Up Ring	
305	Kit	1	Rod Seal	
306	Kit	1	Nylon Ring	
307	Kit	2	Wear Ring	
308	Kit	1	Wiper	
309	Kit	1	O-Ring	
310	Kit	1	Screw	

FIGURE 9-5. COMPENSATION CYLINDER (SN 1160008518 to Present)

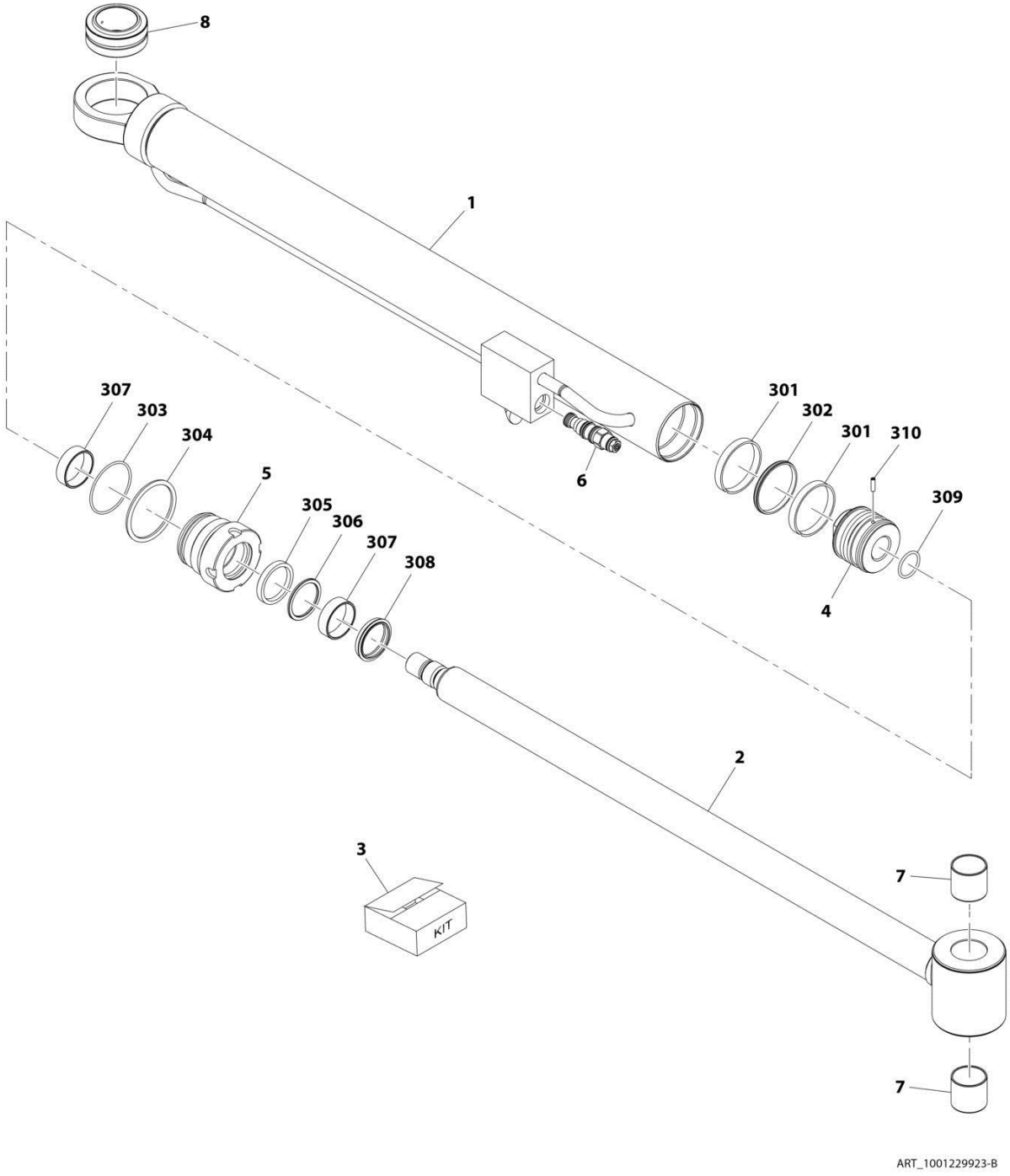
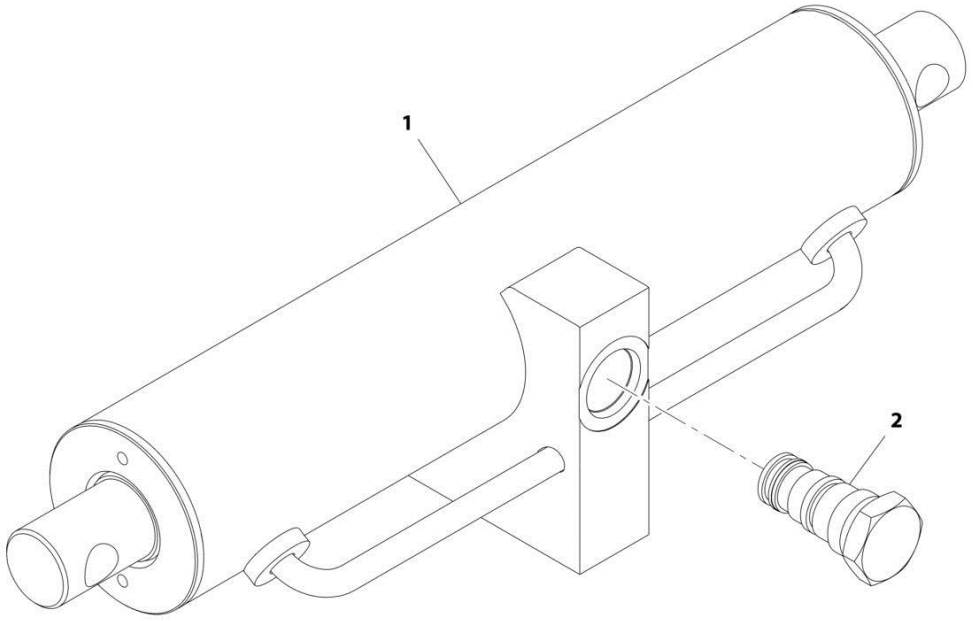


FIGURE 9-5. COMPENSATION CYLINDER (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229923	Ref	Compensation Cylinder	B
1	70027734	1	Barrel	
2	70027730	1	Rod	
3	70027731	1	Service kit (includes items 301 and 310)	
4	70027732	1	Piston	
5	70027733	1	Retainer	
6	1001164336	1	Valve, Counterbalance	
7	70027234	2	Bearing	
8	70027235	1	Bearing, Spherical	
301	Kit	2	Wear Ring	
302	Kit	1	Piston Seal	
303	Kit	1	O-Ring	
304	Kit	1	Back Up Ring	
305	Kit	1	Rod Seal	
306	Kit	1	Nylon Ring	
307	Kit	2	Wear Ring	
308	Kit	1	Wiper	
309	Kit	1	O-Ring	
310	Kit	1	Screw	

FIGURE 9-6. COUPLER LOCKING CYLINDER ASSEMBLY



ART_1001114787-B

FIGURE 9-6. 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 9-7. SIDE SHIFT CARRIAGE CYLINDER

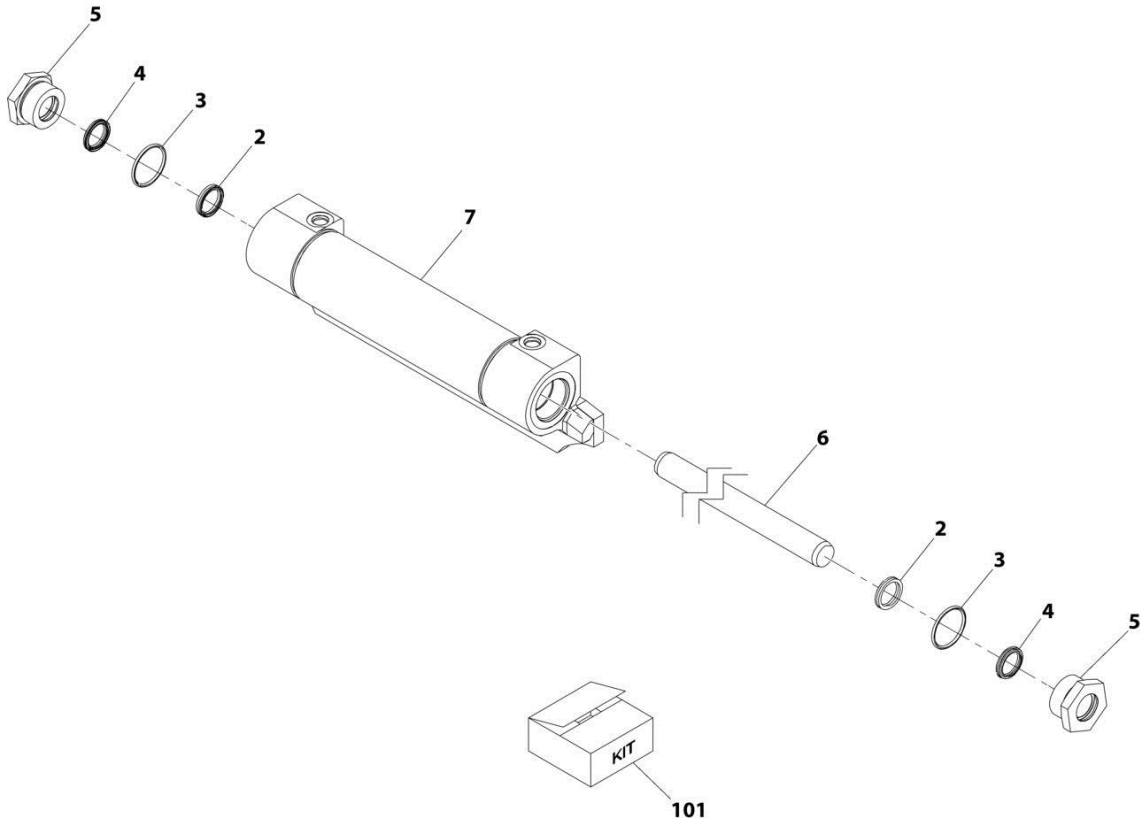


FIGURE 9-7. SIDE SHIFT CARRIAGE CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70024539	Ref	Side Shift Carriage Cylinder	B
2	Kit	2	Seal, Rod	
3	70024547	2	O-Ring	
4	Kit	2	Seal, Rod Wiper	
5	70024548	2	Seal, Retainer	
6	N.S.S.	1	Rod	
7	N.S.S.	1	Barrel	
101	70024549	1	Kit, Seal (includes items 2 & 4)	

FIGURE 9-8. FORK POSITIONING CYLINDER

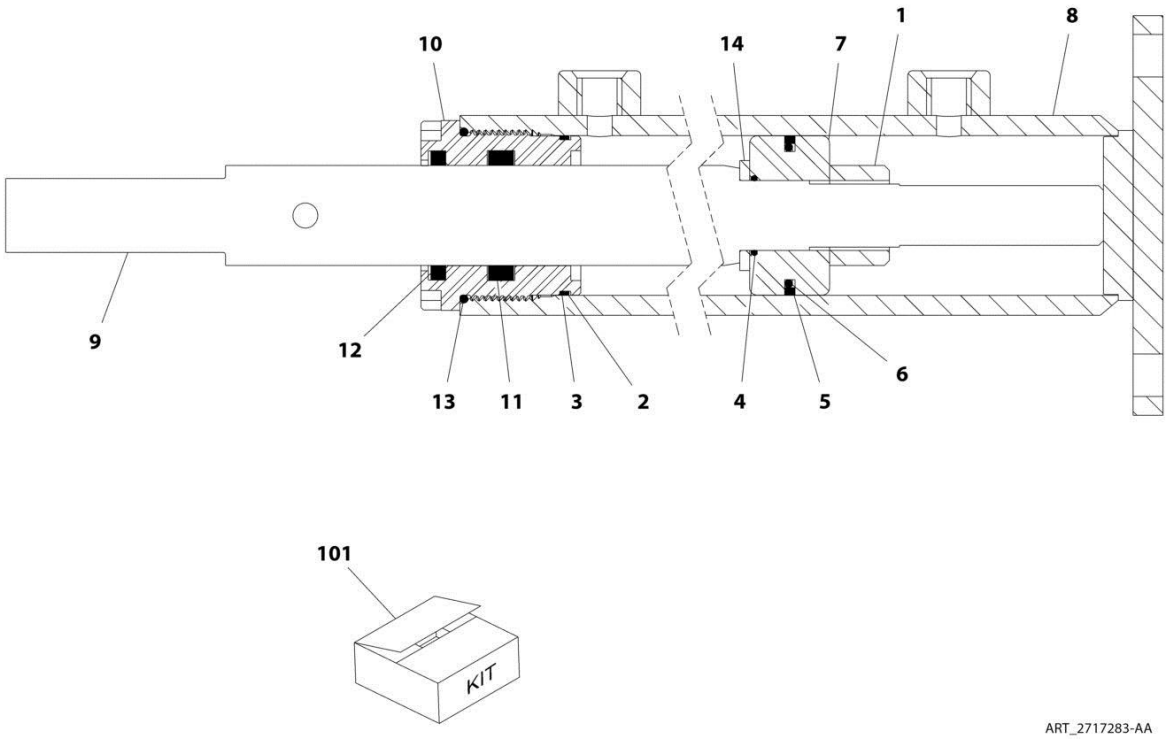


FIGURE 9-8. FORK POSITIONING CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2717283	Ref	Fork Positioning Cylinder	AA
1	70026770	1	Nut, Lock	
2	Kit	1	O-Ring	
3	Kit	1	Ring, Back-Up	
4	Kit	1	O-Ring	
5	Kit	1	Ring, Piston	
6	Kit	1	O-Ring	
7	70026771	1	Piston	
8	70026772	1	Barrel, Cylinder	
9	70026773	1	Rod, Cylinder	
10	70026774	1	Gland	
11	Kit	1	Poly-Pak	
12	Kit	1	Wiper, Rod	
13	Kit	1	O-Ring	
14	70026775	1	Washer, Special	
101	8036733	1	Kit, Seal (includes items 2 thru 6 & 11 thru 13)	

FIGURE 9-9. COUPLER LOCKING CYLINDER

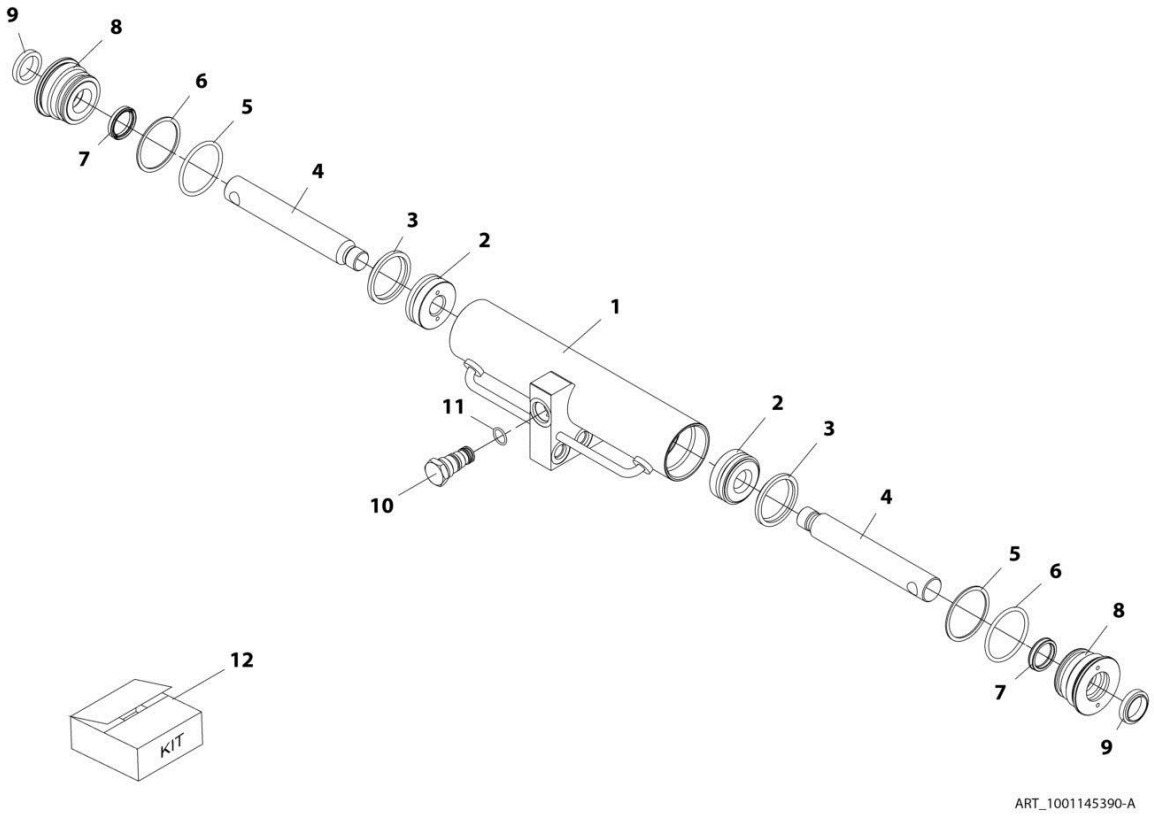


FIGURE 9-9. COUPLER LOCKING CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145390	Ref	Coupler Locking Cylinder	A
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 9-10. SIDE TILT CYLINDER

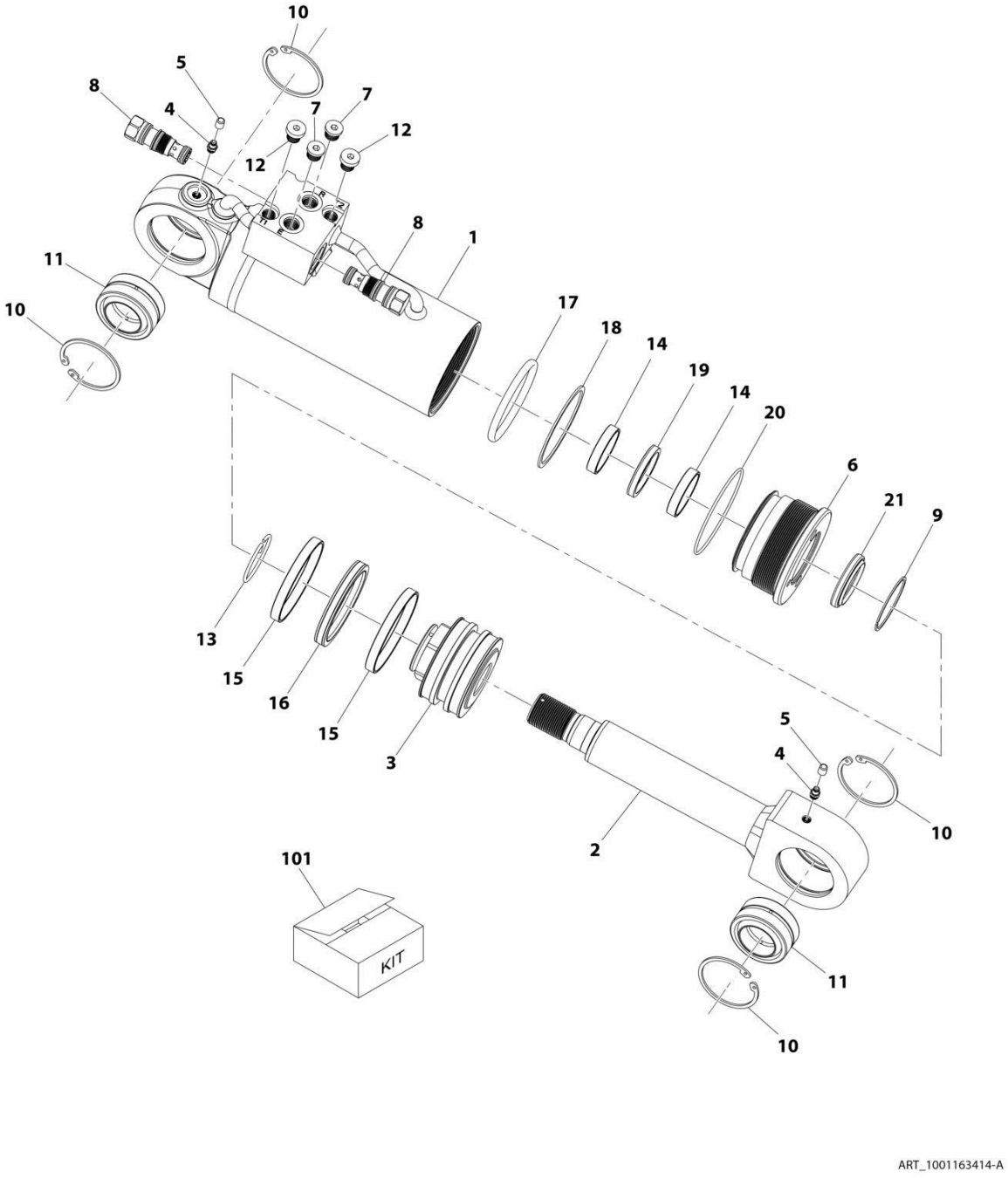


FIGURE 9-10. SIDE TILT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163414	Ref	Side Tilt Cylinder	A
1	70026056	1	Barrel	
2	70026057	1	Rod	
3	70026058	1	Head, Piston	
4	70025606	2	Nipple, Grease	
5	70024020	2	Fitting, Grease	
6	70003849	1	Gland	
7	70025959	2	Plug	
8	70026059	2	Valve, P.O. Check	
9	70002219	1	Ring, Internal Snap	
10	70026060	4	Ring, Internal Snap	
11	70026061	2	Bearing, Spherical	
12	70024262	2	Plug	
13	70002224	1	Ring, Locking	
14	Kit	2	Ring, Rod Bearing	
15	Kit	2	Ring, Piston Bearing	
16	Kit	1	Seal, Piston	
17	Kit	1	O-Ring	
18	Kit	1	Ring, Back-Up	
19	Kit	1	Seal, Rod	
20	Kit	1	O-Ring	
21	Kit	1	Seal, Wiper	
101	70026062	1	Kit, Seal (includes items 14 thru 21)	

FIGURE 9-11. PIPE HANDLER CYLINDER

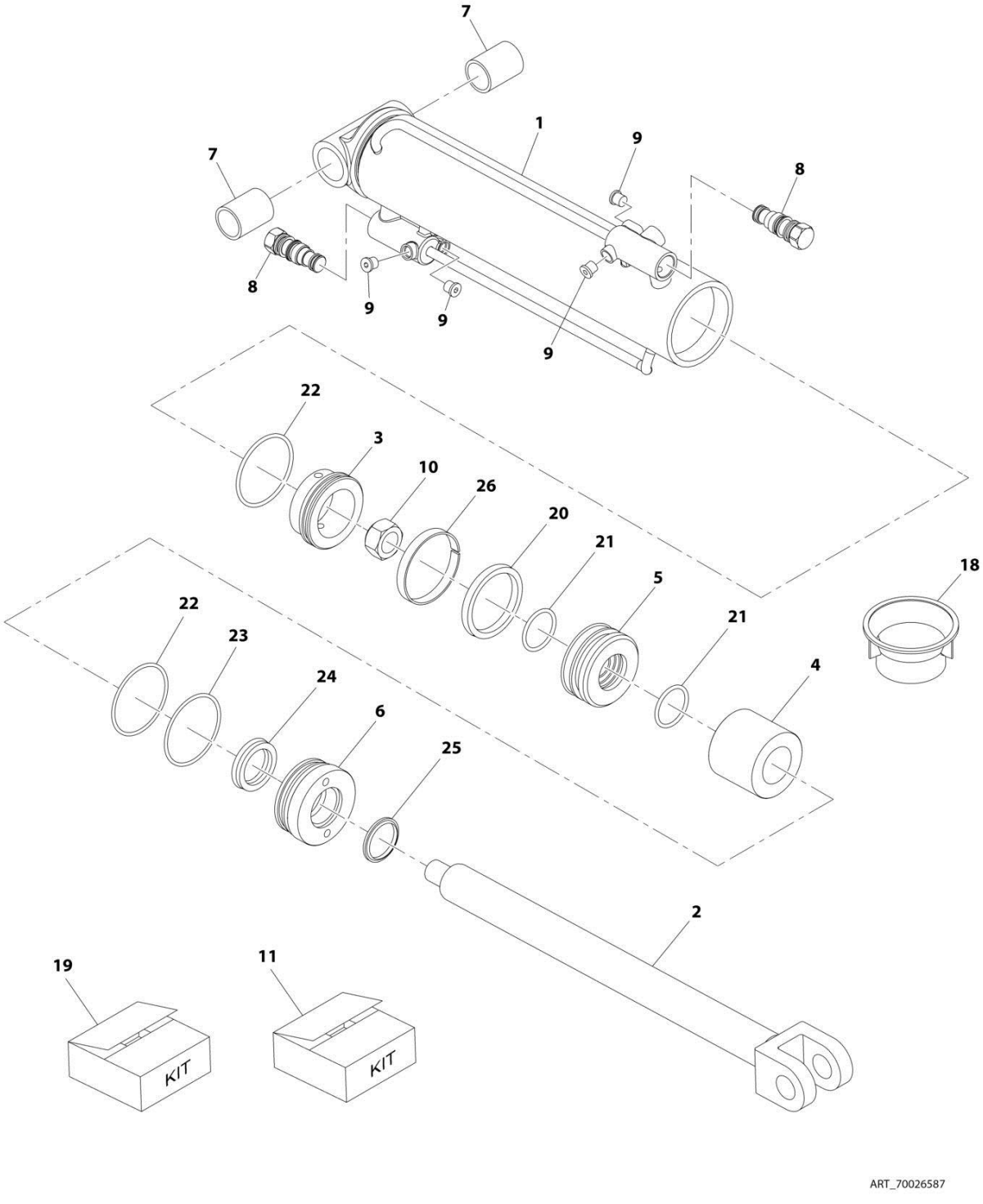


FIGURE 9-11. PIPE HANDLER CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026587	1	Pipe Handler Cylinder	
1	70026495	1	Barrel	
2	70026610	1	Rod	
3	70026497	1	Spacer	
4	70026611	1	Spacer	
5	70026499	1	Piston	
6	70026500	1	Retainer	
7	70026501	2	Bushing	
8	70026502	2	Valve, Check	
9	70024129	4	Fitting, 4	
10	70026503	1	Nut	
11	70024734	1	Kit, Check Valve Service	
12	70026505	1	Seal Loader	
13	70026506	1	Seal Kit (includes items 20 thru 26)	
14	Kit	1	Seal	
15	Kit	2	O-Ring	
16	Kit	2	O-Ring	
17	Kit	1	Ring, Back-up	
18	Kit	1	Seal	
19	Kit	1	Wiper	
20	Kit	1	Ring, Wear	

FIGURE 9-12. MAIN CONTROL VALVE

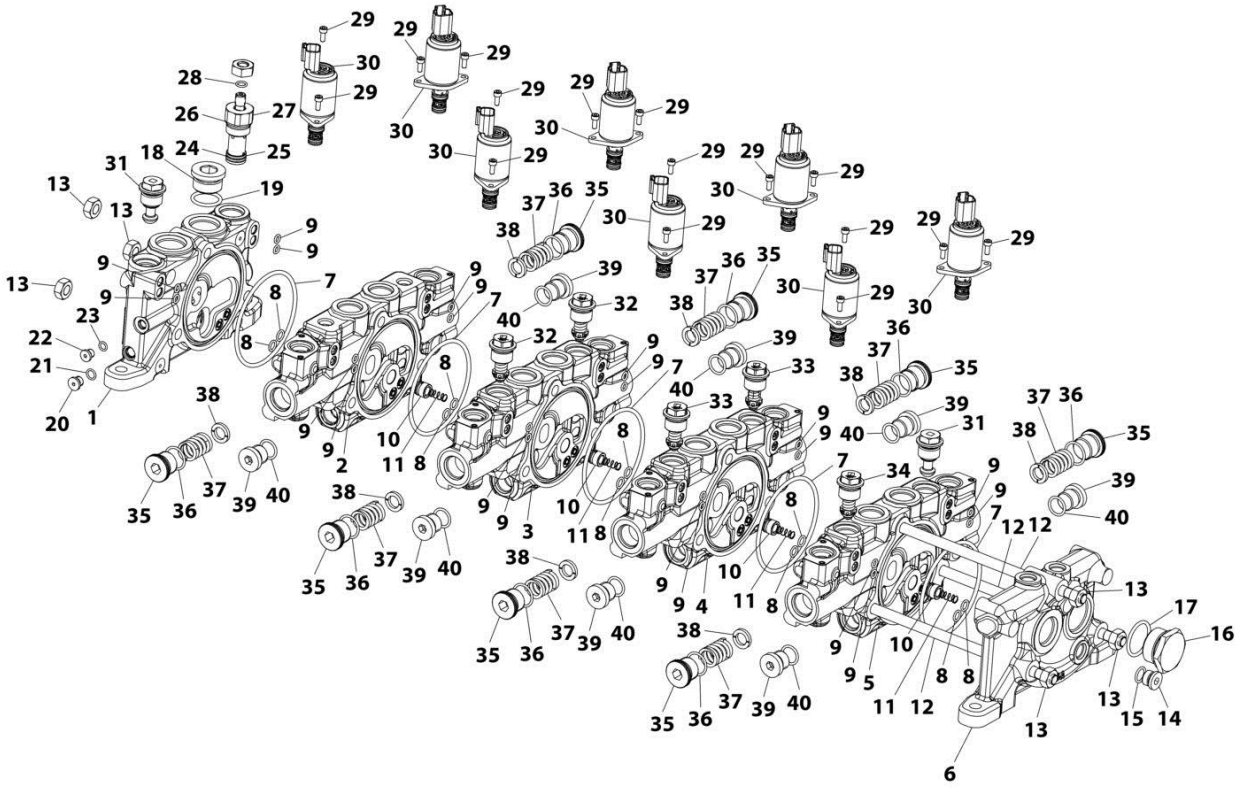


FIGURE 9-12. MAIN CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180252	NLA	Main Control Valve, (no longer available, see items 1 through 40 for service or use 1001233797 for replacement)	J
1	70027136	1	Section, Inlet	
2	70027140	1	Section, Lift	
3	70027137	1	Section, Tilt	
4	70027138	1	Section, Aux	
5	70027139	1	Section, Tele	
6	70027141	1	Section, Outlet	
7	8034697	5	O-Ring	
8	10837926	10	O-Ring	
9	70027128	20	O-Ring	
10	10837929	4	Poppet	
11	10837937	4	Spring	
12	70026375	3	Tie Rod	
13	70050481	6	Nut	
14	70050475	1	Plug	
15	8036533	1	O-Ring	
16	8035835	1	Plug	
17	7013903	1	O-Ring	
18	90201309	1	Plug	
19	70026374	1	O-Ring	
20	70027096	1	Plug	
21	70026371	1	O-Ring	
22	91044238	1	Plug	
23	70026372	1	O-Ring	
24	70026370	1	O-Ring	
25	70026376	1	Ring	
26	10837928	1	O-Ring	
27	70027132	1	Drain, Regulator	
28	70026373	1	O-Ring	
29	70027135	16	Cap	
30	70051155	8	Valve	
31	70026382	2	Plug	
32	70022010	2	Valve	
33	70027133	2	Valve	
34	70027134	1	Valve	
35	70050503	8	Plug	
36	70026777	8	O-Ring	
37	70026377	8	Spring	
38	70027129	8	Spring	
39	70027131	8	Plug	
40	70027130	8	O-Ring	

FIGURE 9-13. MAIN CONTROL VALVE

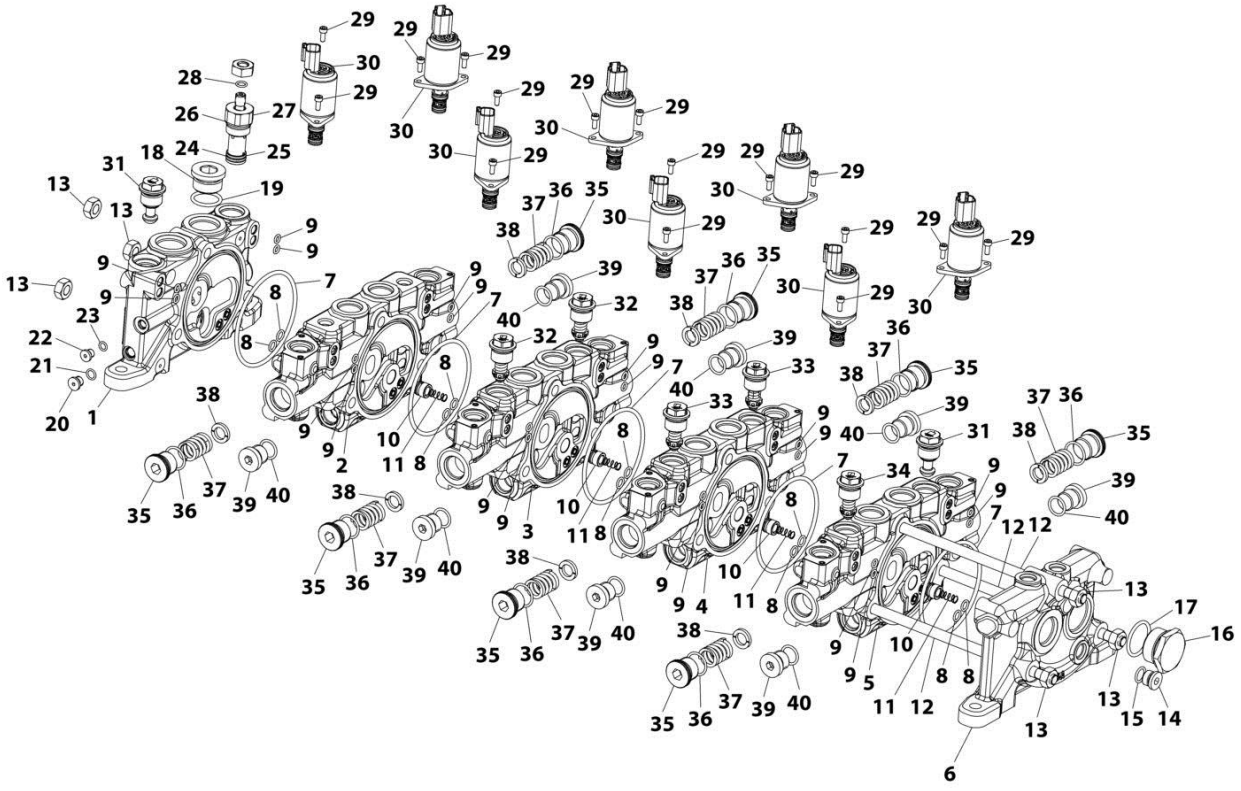


FIGURE 9-13. MAIN CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233797	Ref	Main Control Valve	A
1	70027136	1	Section, Inlet	
2	70027140	1	Section, Lift	
3	70027137	1	Section, Tilt	
4	70027138	1	Section, Aux	
5	70029029	1	Section, Tele	
6	70027141	1	Section, Outlet	
7	8034697	5	O-Ring	
8	10837926	10	O-Ring	
9	70027128	20	O-Ring	
10	10837929	4	Poppet	
11	10837937	4	Spring	
12	70026375	3	Tie Rod	
13	70050481	6	Nut	
14	70050475	1	Plug	
15	8036533	1	O-Ring	
16	70029030	1	Plug	
17	10732931	1	O-Ring	
18	70050472	1	Plug	
19	70026374	1	O-Ring	
20	70026368	1	Plug	
21	70026371	1	O-Ring	
22	70026379	1	Plug	
23	70026372	1	O-Ring	
24	70026370	1	O-Ring	
25	70026376	1	Ring	
26	10837928	1	O-Ring	
27	70027132	1	Drain, Regulator	
28	70026373	1	O-Ring	
29	70027135	16	Cap	
30	70051155	8	Valve	
31	70026382	2	Plug	
32	70022010	2	Valve	
33	70027133	2	Valve	
34	70027134	1	Valve	
35	70050503	8	Plug	
36	70026777	8	O-Ring	
37	70026377	8	Spring	
38	70027129	8	Spring	
39	70027131	8	Plug	
40	70027130	8	O-Ring	

FIGURE 9-14. PRIORITY FLOW MANIFOLD (Prior to SN 1160008518)

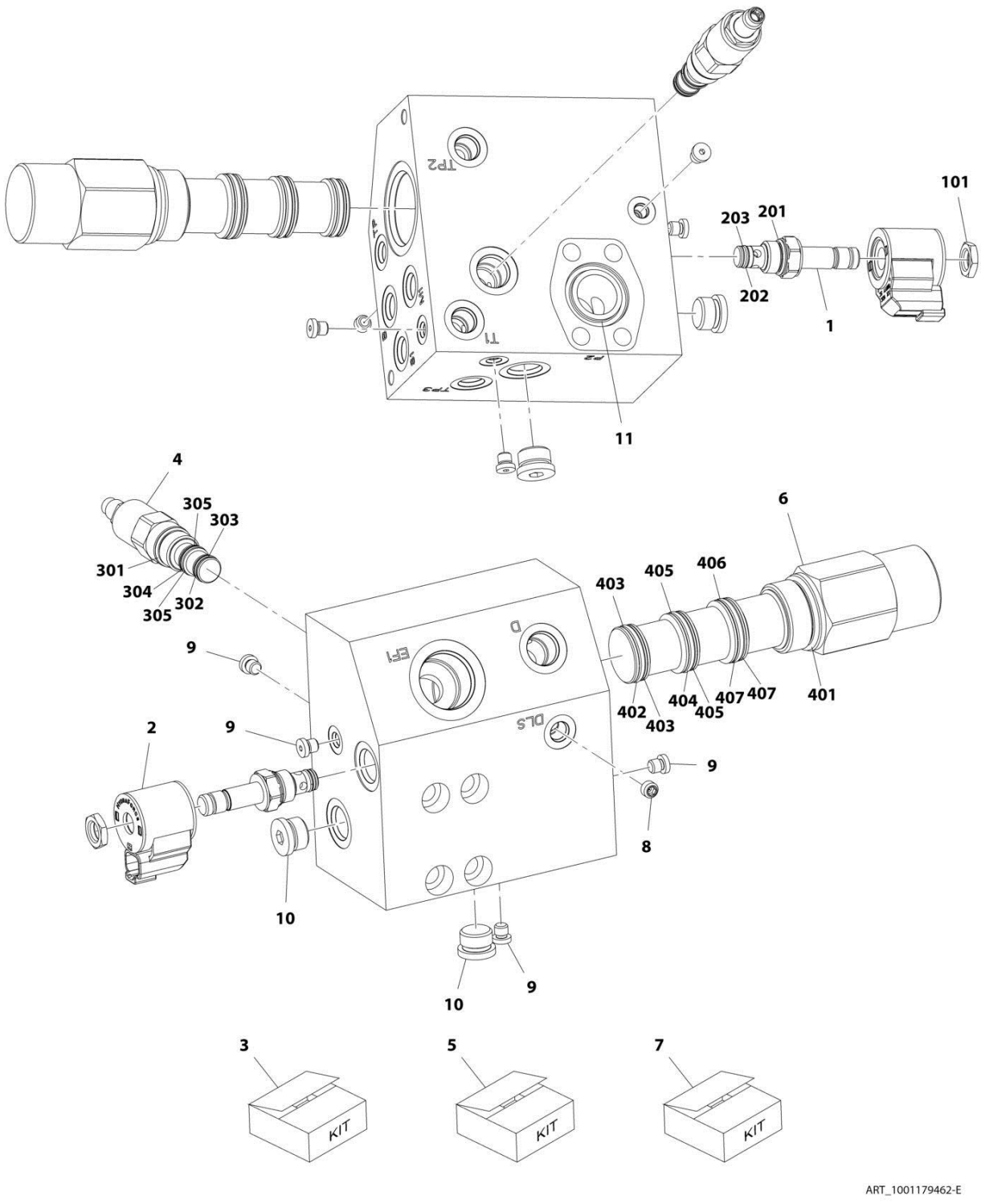


FIGURE 9-14. PRIORITY FLOW MANIFOLD (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179462	Ref	Priority Flow Manifold	E
1	70027001	1	Valve, Solenoid	
2	70002386	1	Coil	
3	7012998	1	Kit, Seal (includes items 201 thru 203)	
4	70027002	1	Reducer, Pressure	
5	7021653	1	Kit, Seal (includes items 301 thru 305)	
6	70027003	1	Compensator, Pressure	
7	70026333	1	Kit, Seal (includes items 401 thru 407)	
8	70026313	1	Plug	
9	2220881	4	Plug	
10	2220886	2	Plug	
11	70027000	1	O-Ring	
101	Kit	1	Nut	
201	Kit	1	O-Ring	
202	Kit	1	O-Ring	
203	Kit	1	Ring, Backup	
301	Kit	1	O-Ring	
302	Kit	1	O-Ring	
303	Kit	1	Ring, Backup	
304	Kit	1	O-Ring	
305	Kit	2	Ring, Backup	
401	Kit	1	O-Ring	
402	Kit	1	O-Ring	
403	Kit	2	Ring, Backup	
404	Kit	1	O-Ring	
405	Kit	2	Ring, Backup	
406	Kit	1	O-Ring	
407	Kit	2	Ring, Backup	

FIGURE 9-15. PRIORITY FLOW MANIFOLD VALVE (SN 1160008518 to Present)

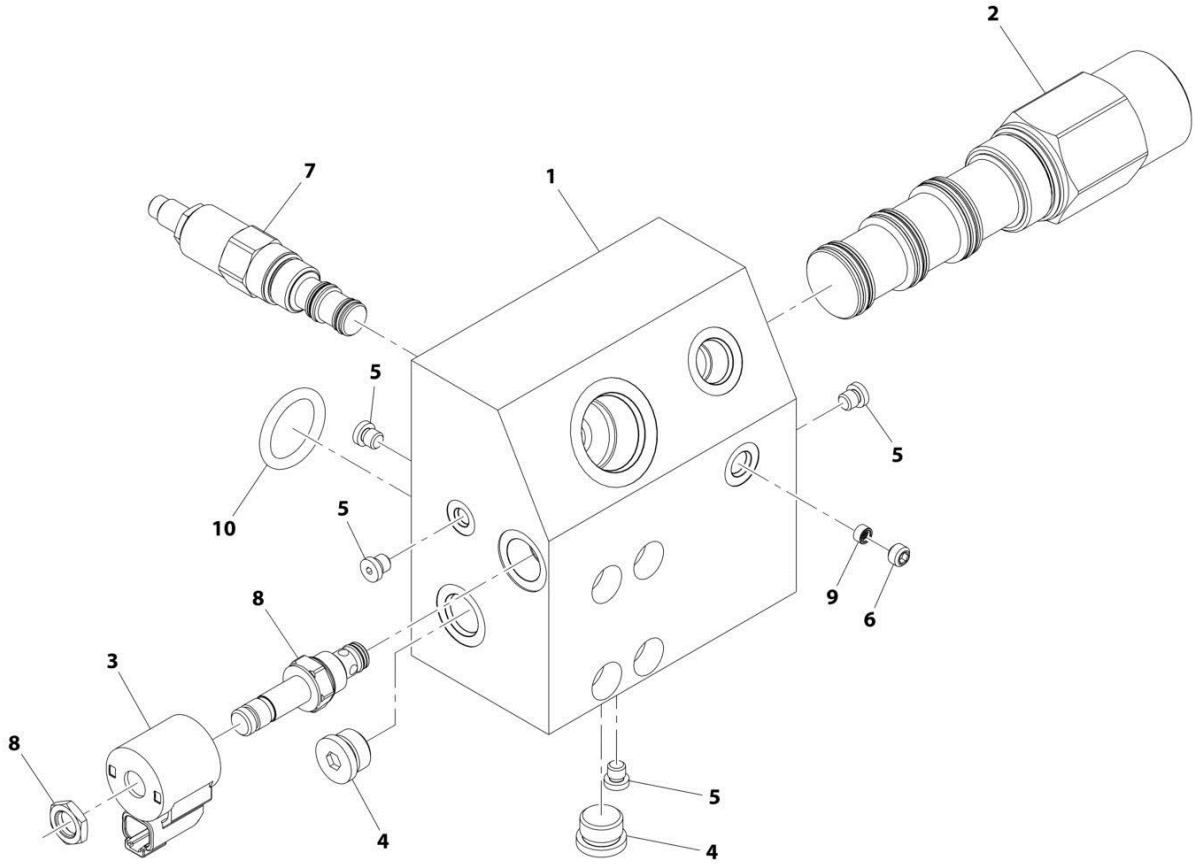
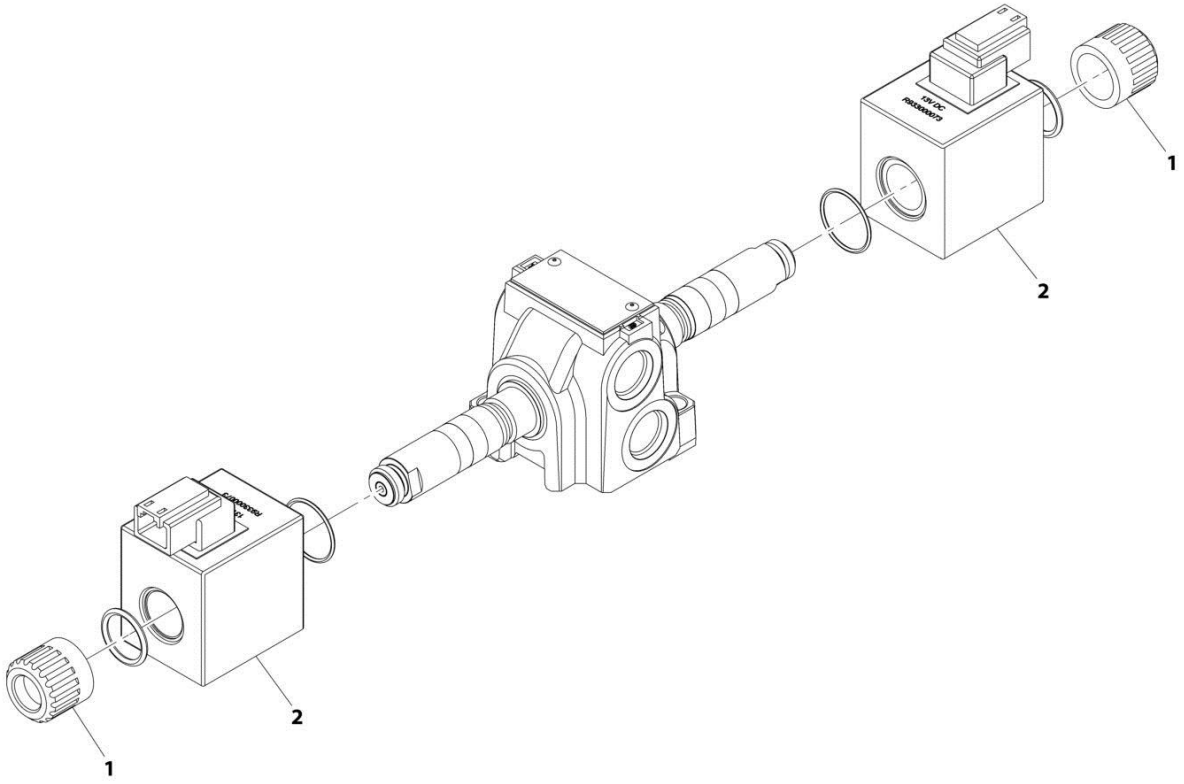


FIGURE 9-15. PRIORITY FLOW MANIFOLD VALVE (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229050	Ref	Priority Flow Manifold, Valve	B
1	N.S.S.	1	Body	
2	70028900	1	Direction Control Valve	
3	70002386	1	Coil	
4	2220886	2	Plug	
5	2220881	4	Plug	
6	70026313	1	Plug	
7	70028901	1	Relief Valve	
8	70027001	1	Valve, Solenoid	
9	70028899	1	Filter Screen	
10	70027000	1	O-Ring	

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. VALVE ASSEMBLY

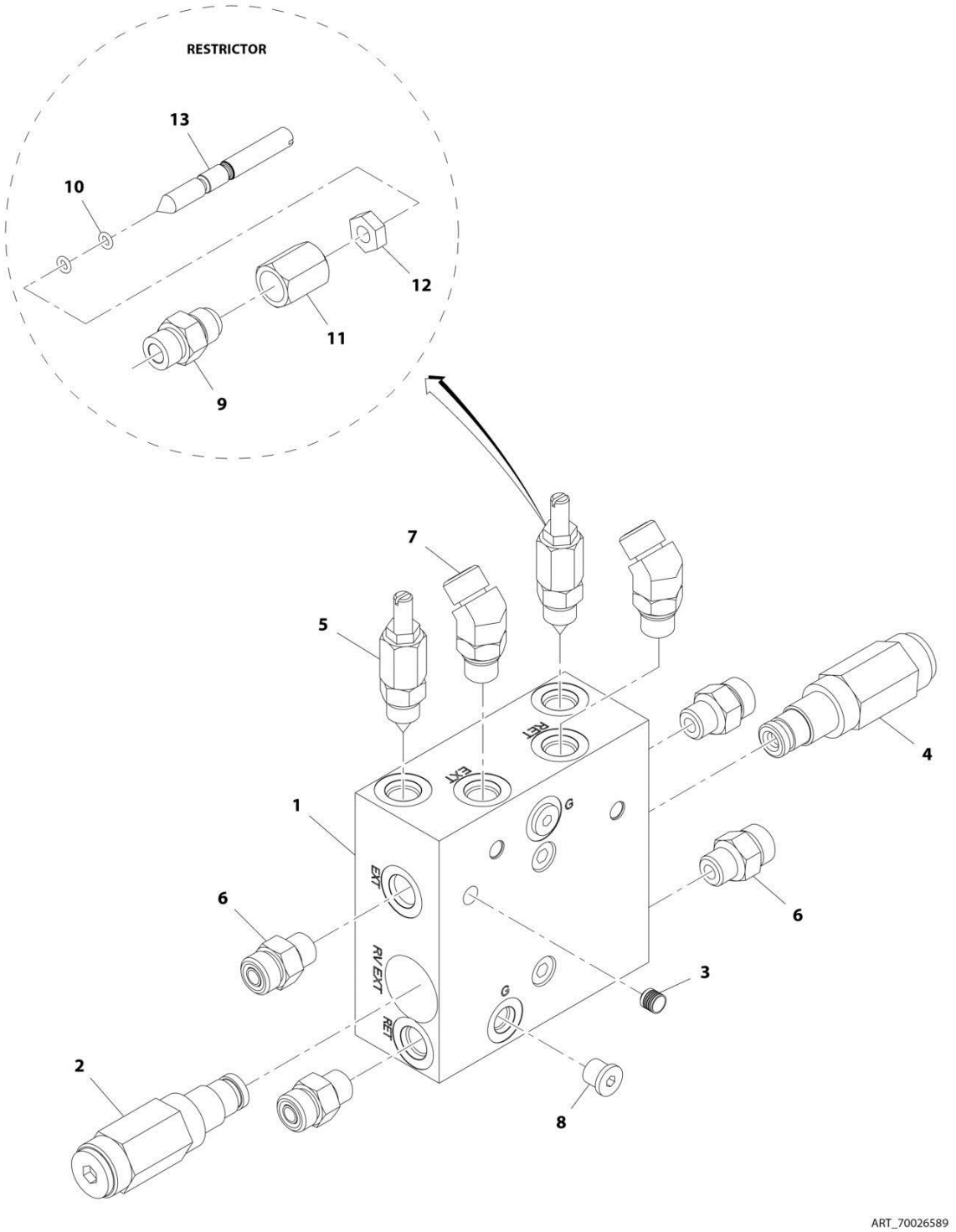


FIGURE 9-17. VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70026589	1	Valve Assembly	
1	70026612	1	Manifold	
2	70026613	1	Cartridge	
3	70026614	4	Plug	
4	70026478	1	Cartridge	
5	70026615	2	Restrictor	
6	70024130	4	Fitting	
7	70026616	2	Fitting	
8	70024129	2	Plug	
9	70026617	1	Fitting	
10	70026618	2	O-Ring	
11	70026619	1	Cap	
12	70026620	1	Jam Nut	
13	70026621	1	Plunger	

FIGURE 9-18. DIVERTOR VALVE ASSEMBLY (HI FLOW)

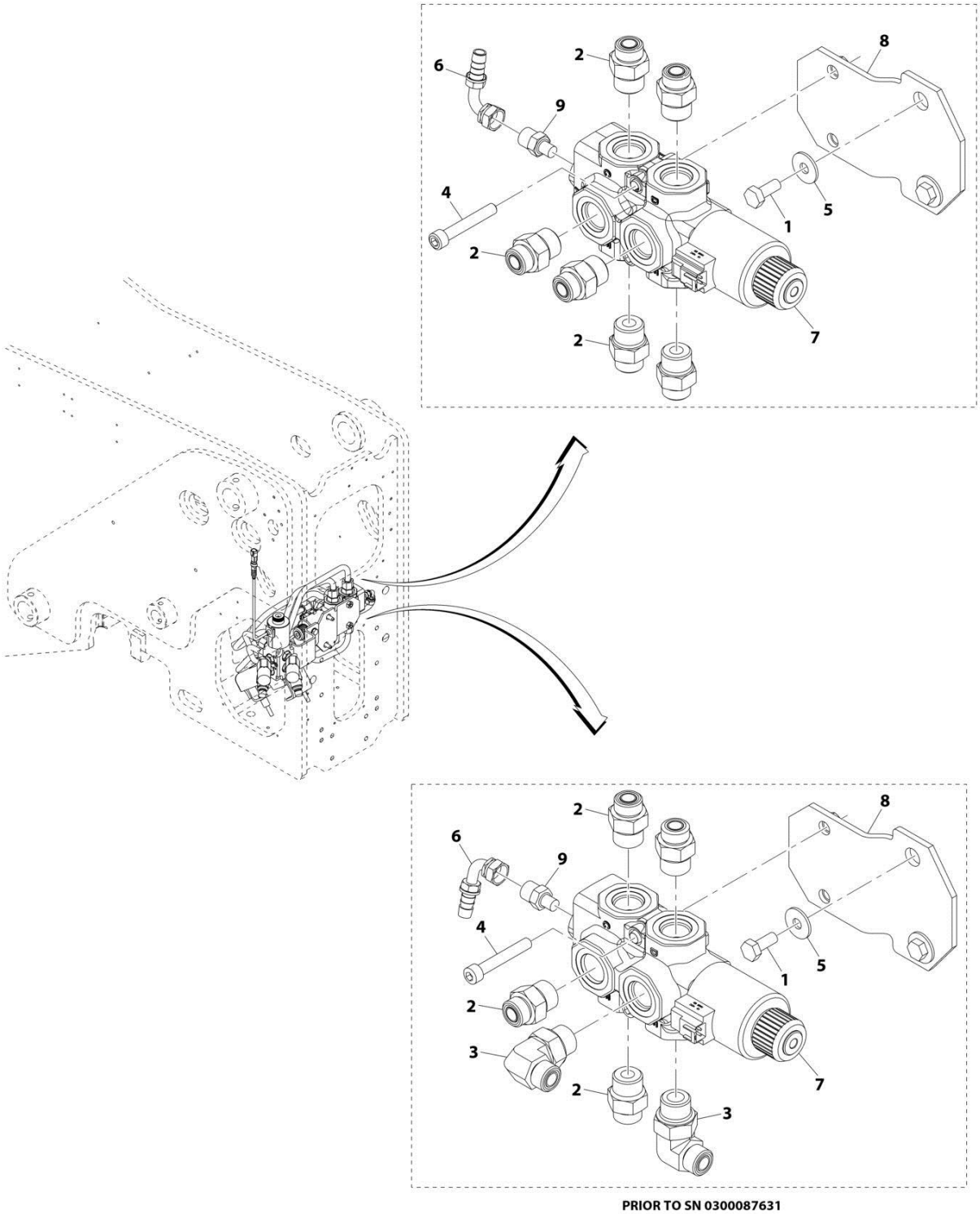


FIGURE 9-18. DIVERTOR VALVE ASSEMBLY (HI FLOW)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204420	Ref	Divertor Valve Assembly (Hi Flow)	C
1	0761012	2	Bolt, M10X25	
2	2111012	6	Fitting, Straight ORFS	
3	2131012	2	Fitting, 90 ORFS **(Prior to SN 0300087631)**	
4	4032017	2	Bolt	
5	4812002	2	Washer, M10	
6	1001095301	1	Fitting, 90 ORFS	
7	1001173771	1	Valve, Divertor (Hi Flow) (See Separate Breakdown in this Section)	
8	1001213748	1	Bracket	
9	2110604	1	Fitting, Straight ORFS	

FIGURE 9-19. DIVERTOR VALVE

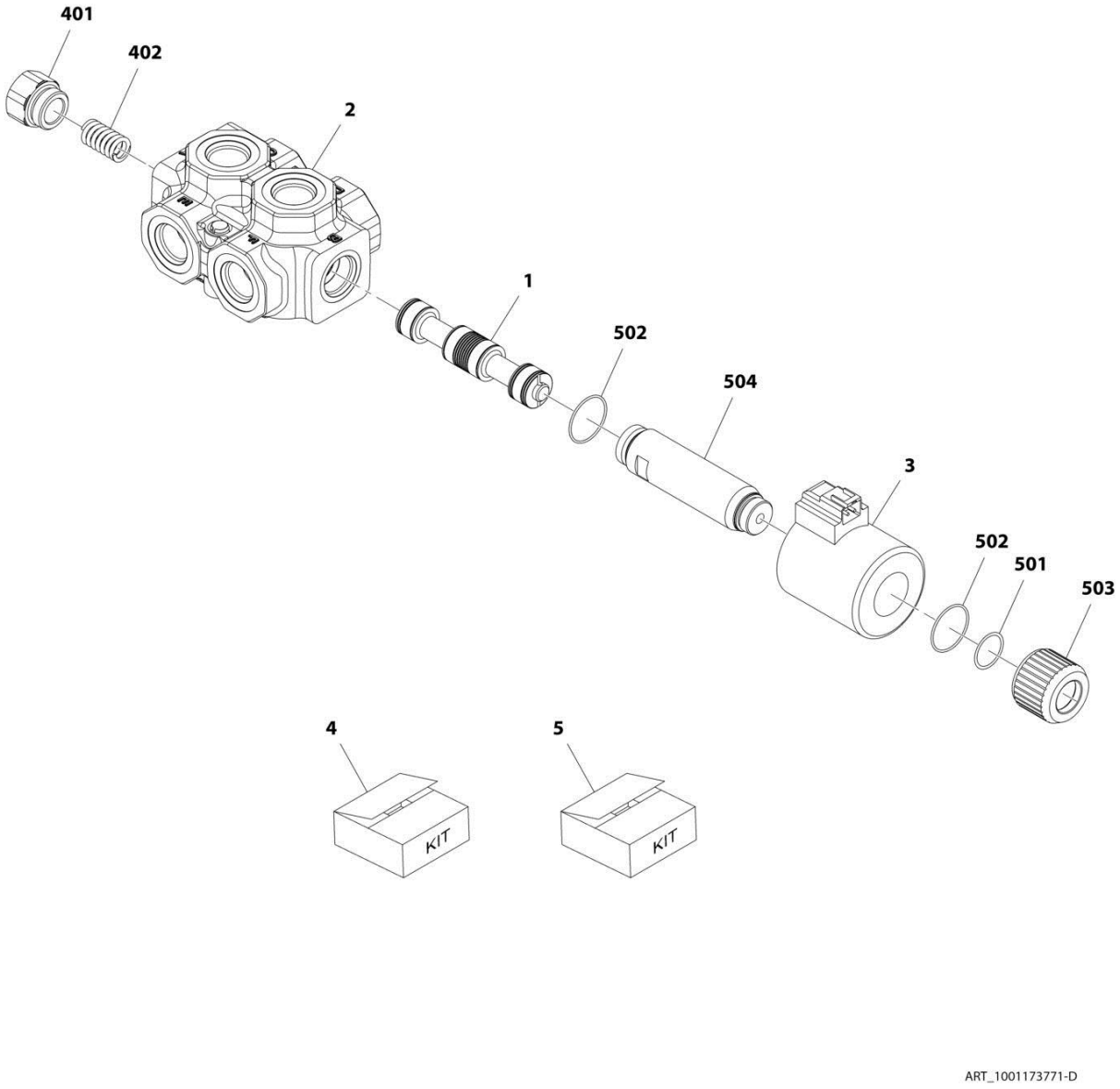


FIGURE 9-19. DIVERTOR VALVE

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 9-20. DIVERTOR VALVE

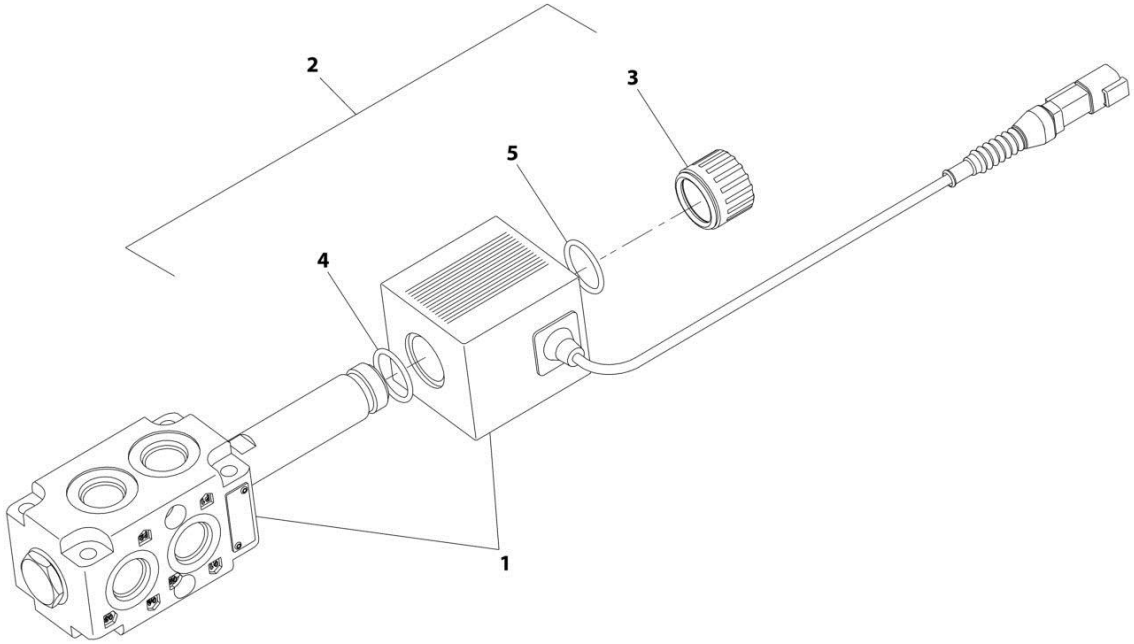


FIGURE 9-20. DIVERTOR VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104477	Ref	Divertor Valve	D
1	70020764	1	Coil	
2	70021531	1	Kit, Retainer	
3	Kit	1	Nut	
4	Kit	1	O-Ring	
5	Kit	1	O-Ring	

FIGURE 9-21. DIVERTOR VALVE

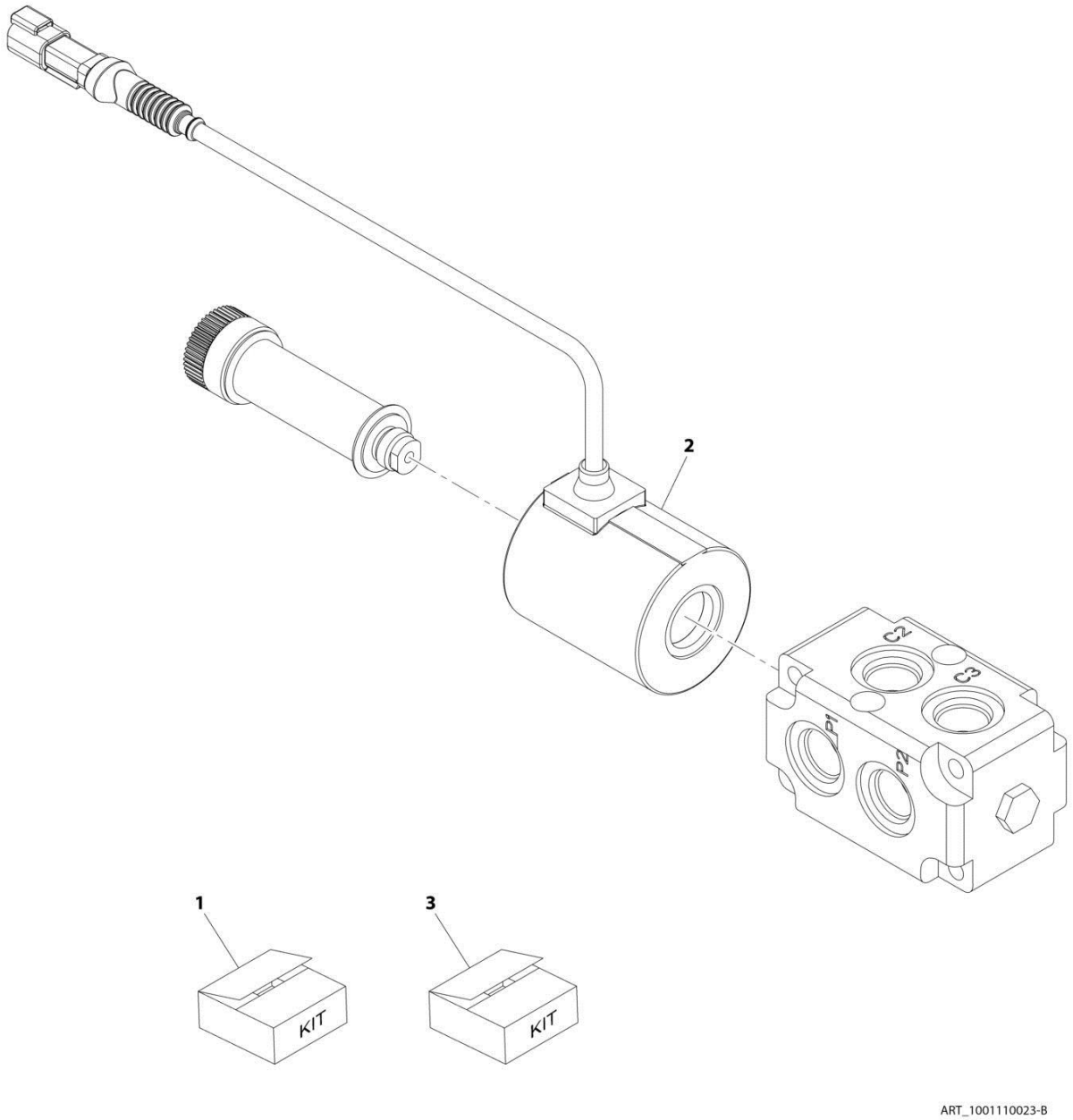


FIGURE 9-21. DIVERTOR VALVE

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. FLOW DIVIDER VALVE

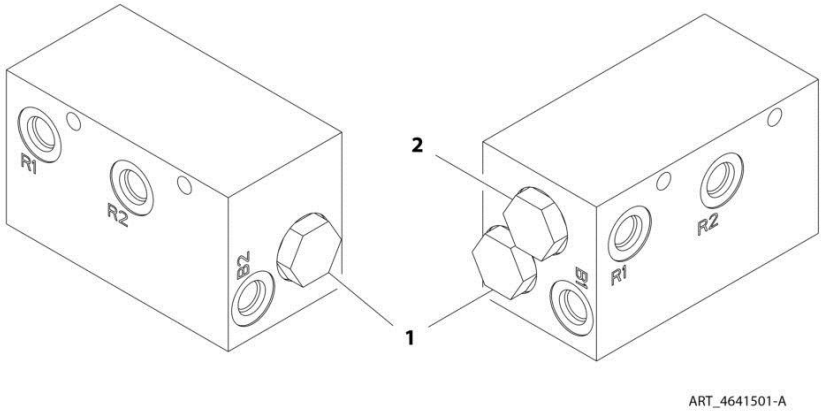


FIGURE 9-22. FLOW DIVIDER VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641501	Ref	Flow Divider Valve	A
1	70023928	2	Cartridge, PO Check Valve	
2	70023929	1	Cartridge, Valve	

FIGURE 9-23. HYDRAULIC HITCH CONTROL VALVE (Prior to SN 1160008518)

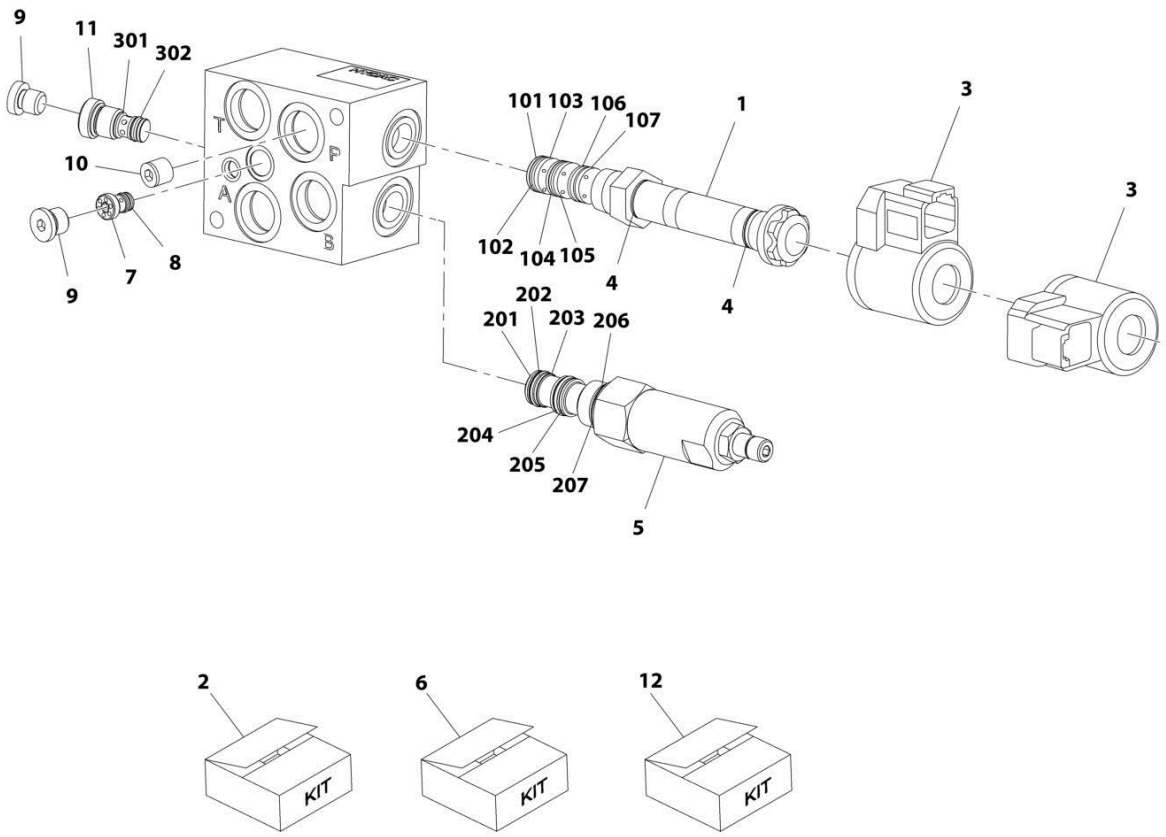


FIGURE 9-23. HYDRAULIC HITCH CONTROL VALVE (Prior to SN 1160008518)

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 9-24. HYDRAULIC HITCH CONTROL VALVE (SN 1160008518 to Present)

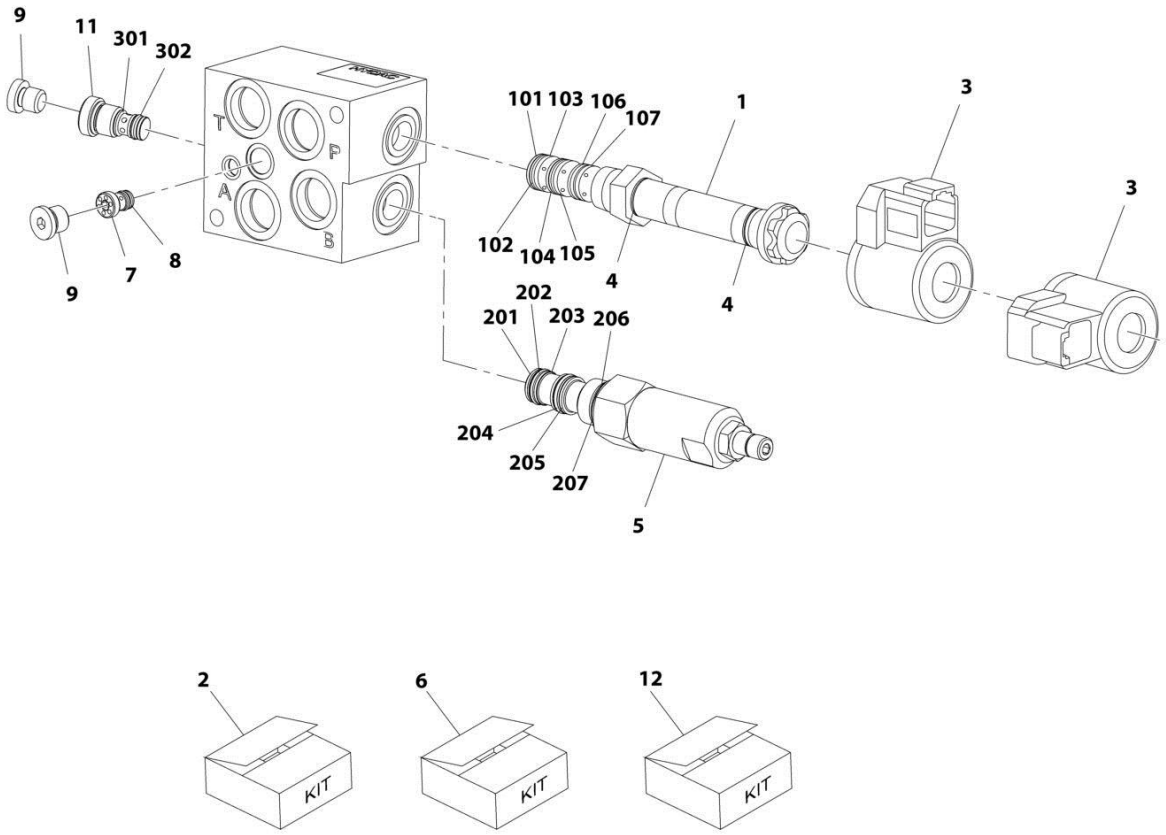


FIGURE 9-24. HYDRAULIC HITCH CONTROL VALVE (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226722	Ref	Hydraulic Hitch Control Valve	A
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 9-25. TRAILER BRAKE VALVE (CE)

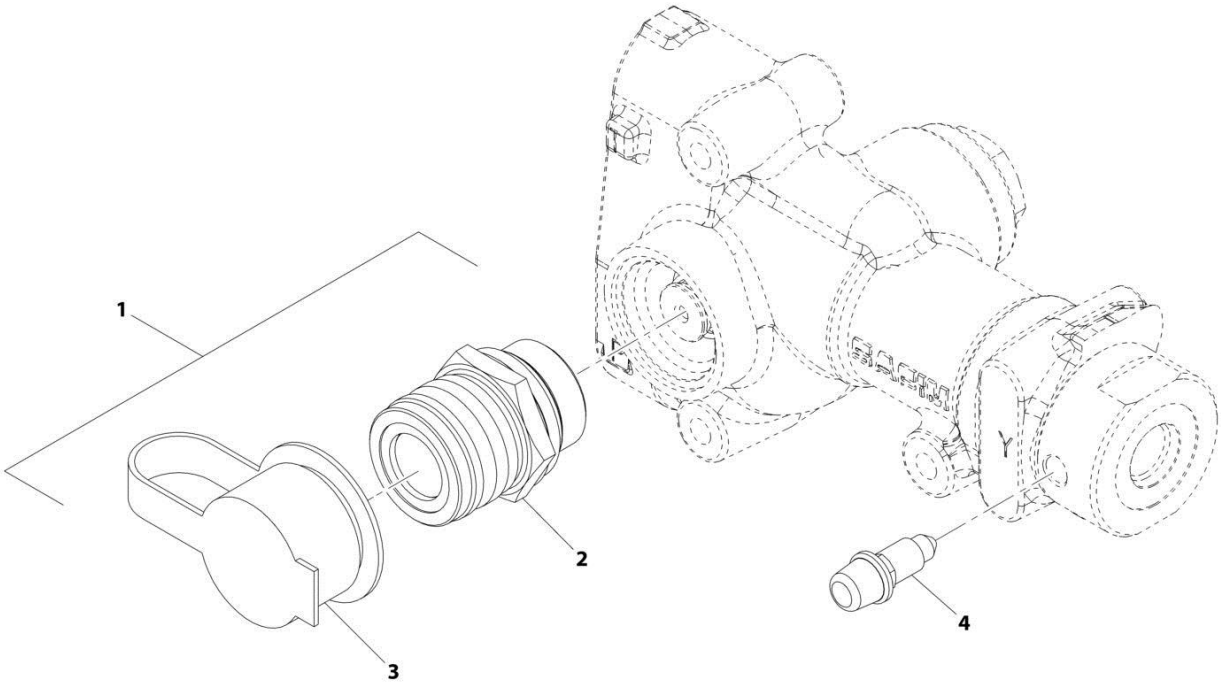


FIGURE 9-25. TRAILER BRAKE VALVE (CE)

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 9-26. FAN MOTOR CONTROL VALVE

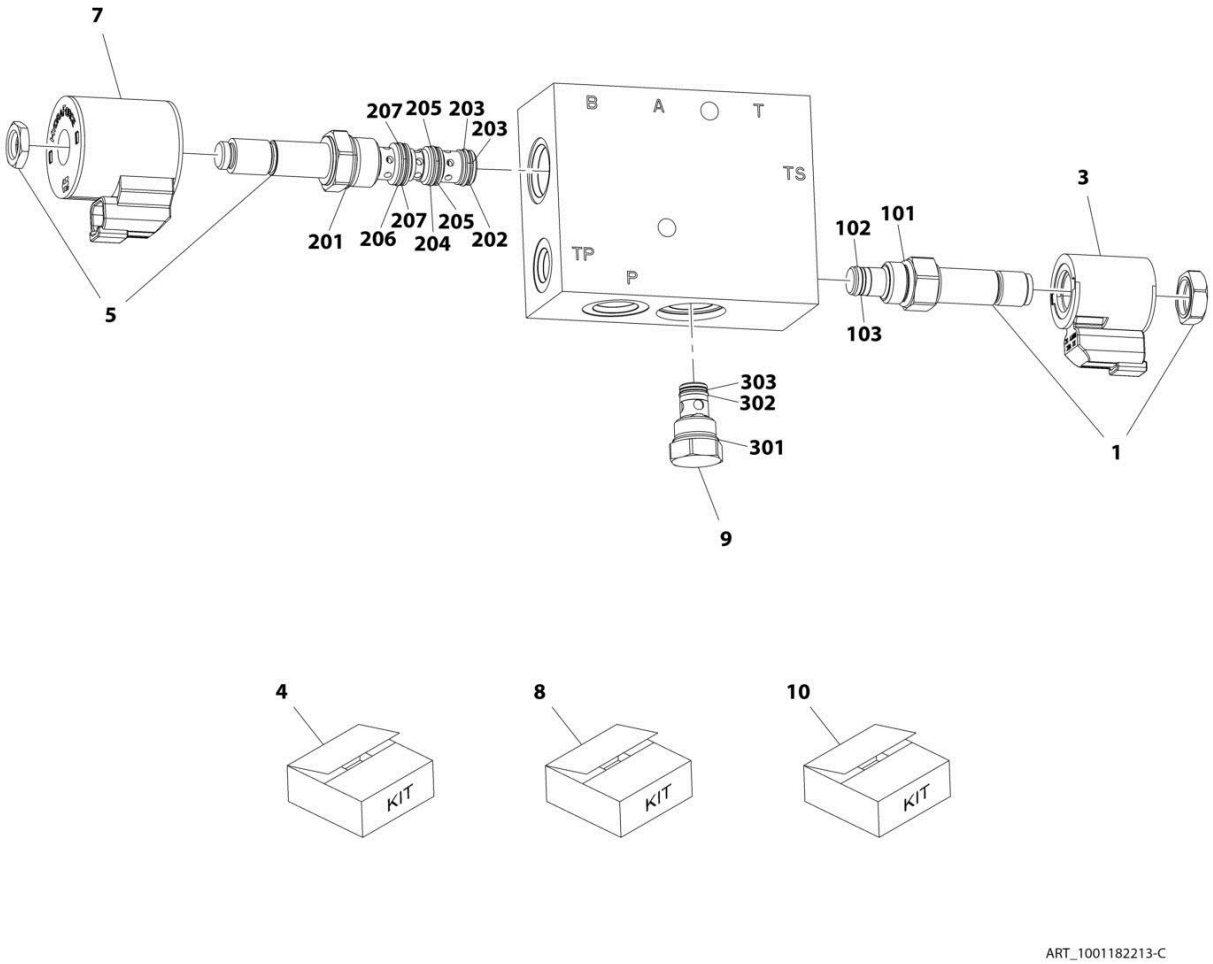


FIGURE 9-26. FAN MOTOR CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182213	Ref	Fan Motor Control Valve	C
1	70027004	1	Valve, Proportional	
3	70002971	1	Coil	
4	7012998	1	Kit, Seal (includes items 101 thru 103)	
5	8036580	1	Valve, Solenoid	
7	70003788	1	Coil	
8	7012903	1	Kit, Seal (includes items 201 thru 207)	
9	7022391	1	Valve, Check	
10	7012998	1	Kit, Seal (includes items 301 thru 303)	
101	N.S.S.	1	O-Ring	
102	N.S.S.	1	O-Ring	
103	N.S.S.	1	O-Ring, Back-up	
201	N.S.S.	1	O-Ring	
202	N.S.S.	1	O-Ring	
203	N.S.S.	2	O-Ring, Back-up	
204	N.S.S.	1	O-Ring	
205	N.S.S.	2	O-Ring, Back-up	
206	N.S.S.	1	O-Ring	
207	N.S.S.	2	O-Ring, Back-up	
301	N.S.S.	1	O-Ring	
302	N.S.S.	1	O-Ring	
303	N.S.S.	1	O-Ring, Back-up	

FIGURE 9-27. IMPLEMENT PUMP

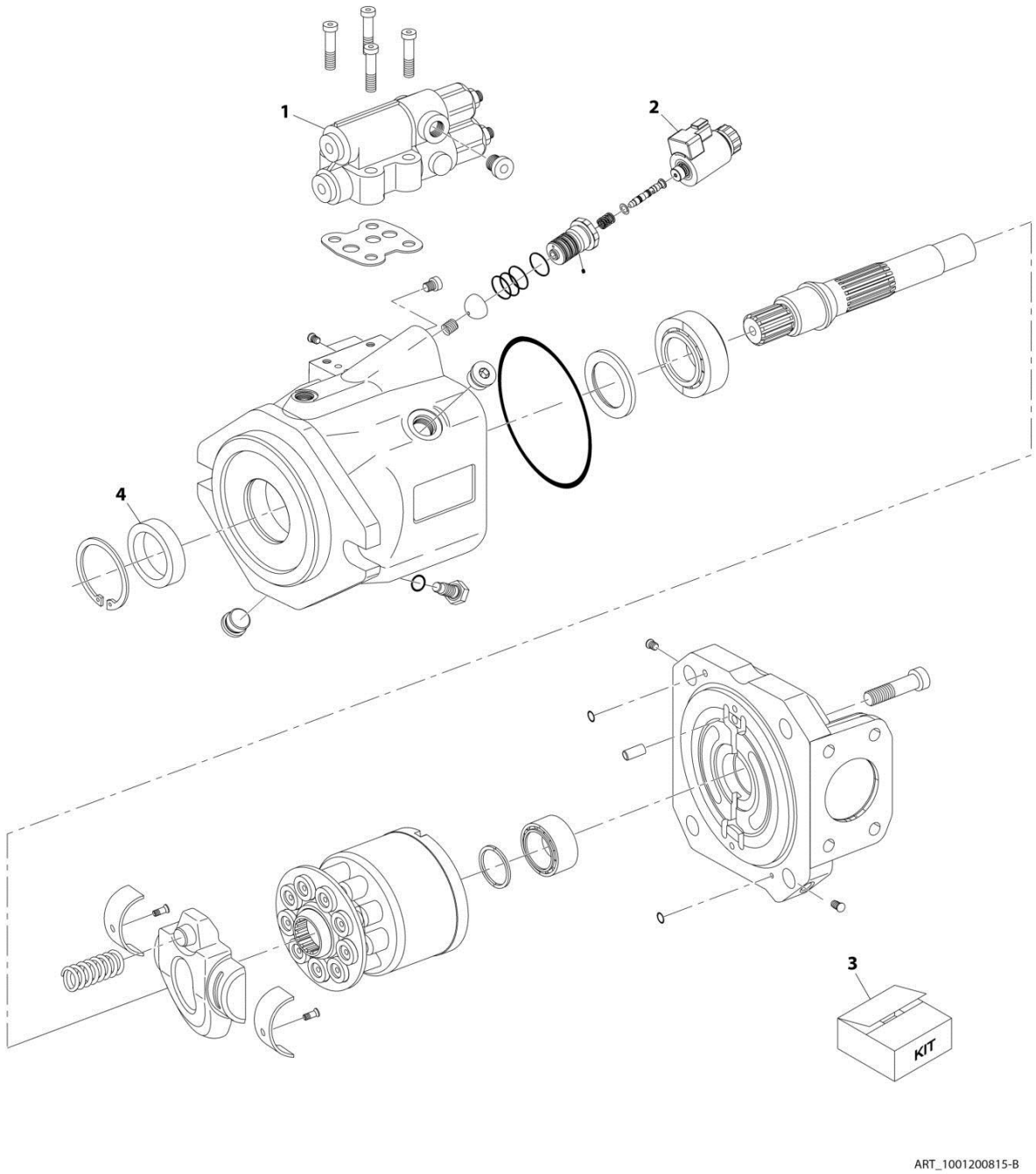


FIGURE 9-27. IMPLEMENT PUMP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200815	Ref	Implement Pump	B
1	70027595	1	Controller, DSR	
2	70024186	1	Controller, EK	
3	70024189	1	Kit, Seal	
4	7024947	1	SHAFT SEAL	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	2	O-Ring	
	Kit	4	O-Ring	
	Kit	2	O-Ring	
	Kit	1	Seal	
	Kit	1	Ring, Retaining	
	Kit	1	O-Ring	
	Kit	1	Seal	
	Kit	1	O-Ring	
	Kit	6	Seal	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	2	O-Ring	
	Kit	2	Ring, Thrust	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
	Kit	1	Ring, Backup	
	Kit	1	O-Ring	
	Kit	1	Ring, Backup	

FIGURE 9-28. VALVE, RIDE CONTROL

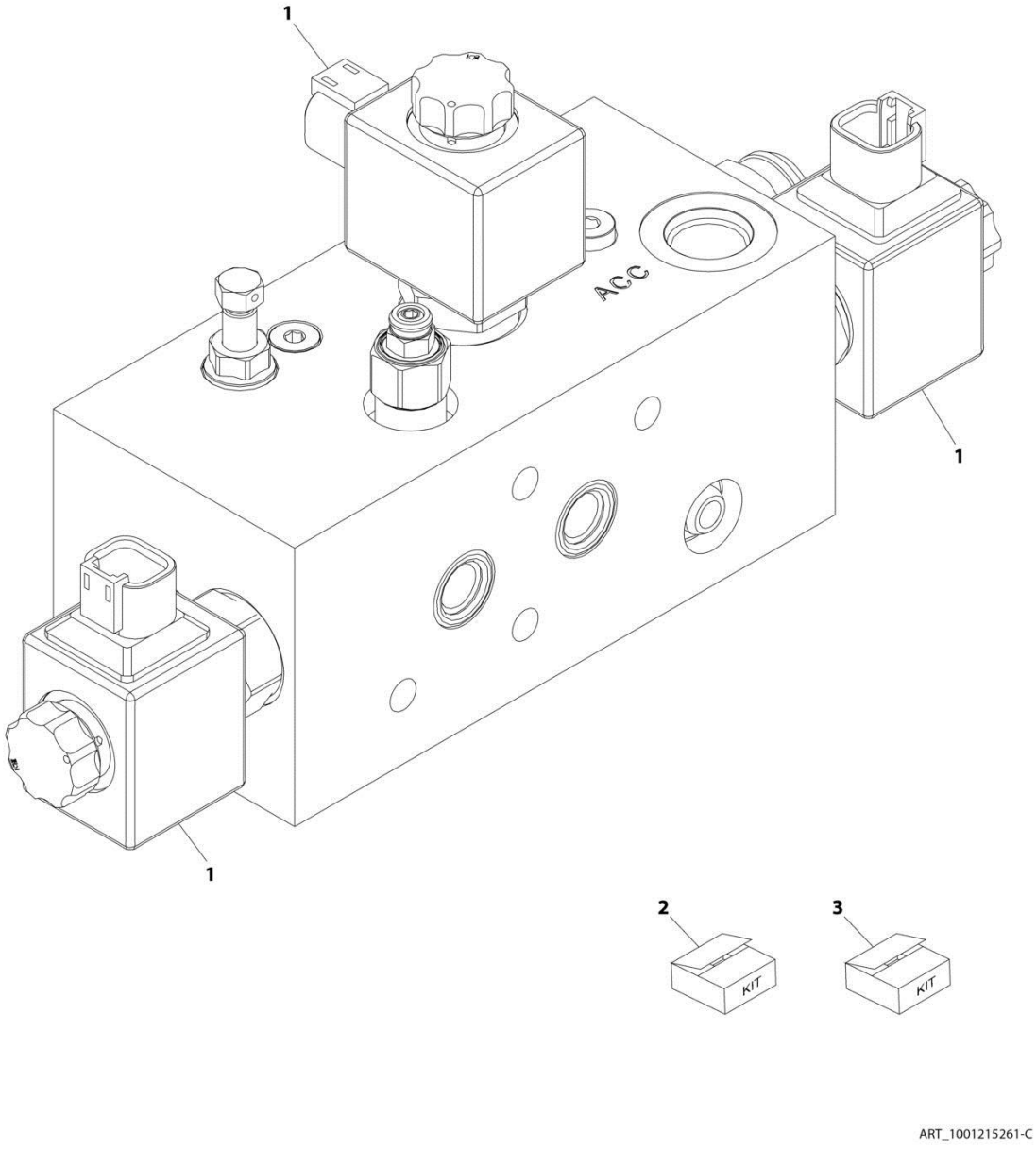


FIGURE 9-28. VALVE, RIDE CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215261	Ref	Valve, Ride Control	C
1	70022147	3	Coil	
2	70027285	3	Coil Nut Kit	
	Kit	1	Nut	
	Kit	1	O-Ring	
	Kit	1	O-Ring	
3	70027600	1	Seal Kit	
	Kit	1	O-Ring	

SECTION 10 - ELECTRICAL

FIGURE 10-1. MAIN ELECTRICAL INSTALLATION (Prior to SN 1160008518)

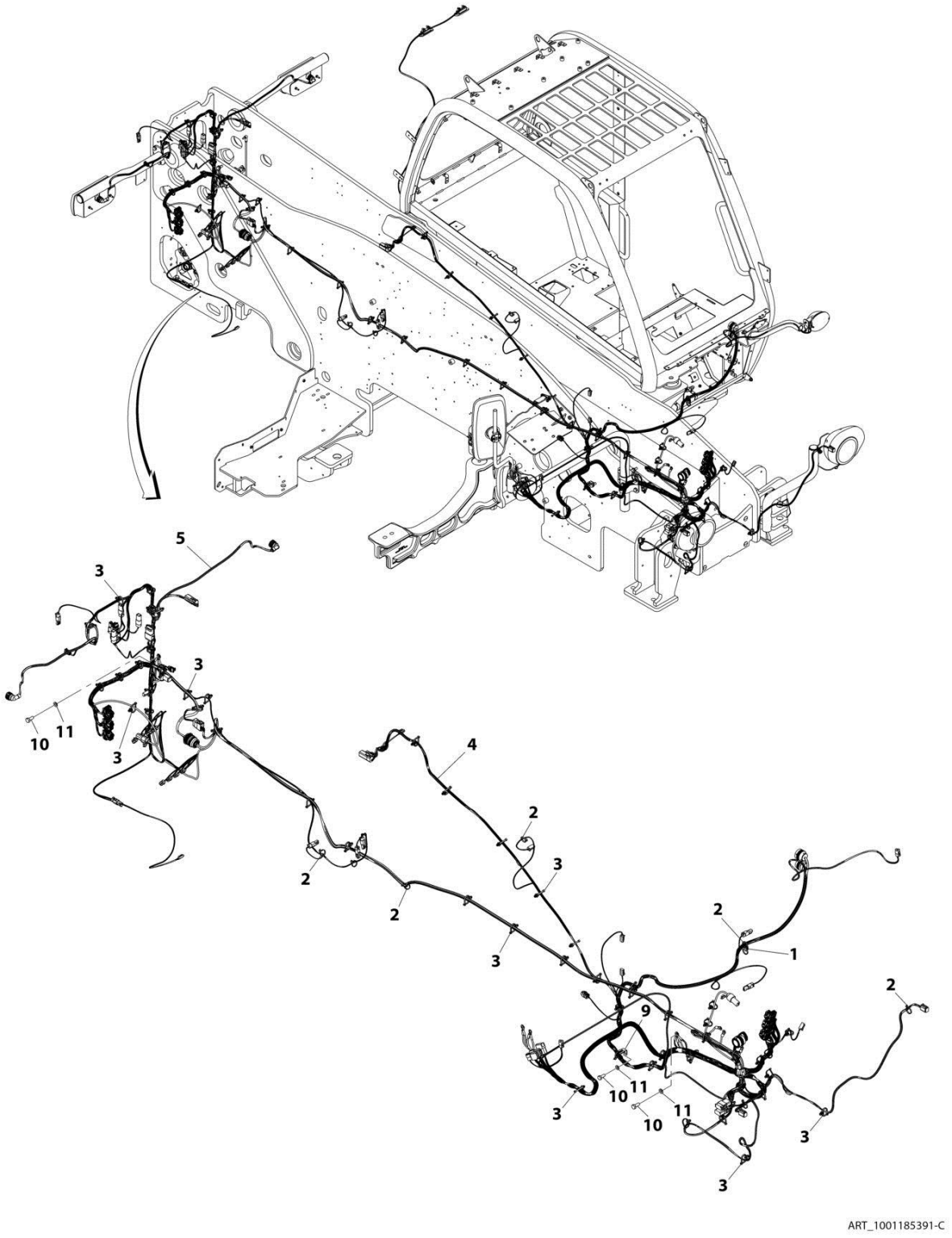


FIGURE 10-1. MAIN ELECTRICAL INSTALLATION (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185391	Ref	Main Electrical Installation	C
1	1001004723	1	Saddle	
2	1001008559	9	Strap, Cable	
3	1001146588	54	Strap, Cable Tie	
4	1001180524	Ref	Harness, Front Frame (See Separate Breakdown in this Section)	
5	1001180525	Ref	Harness, Rear Frame (See Separate Breakdown in this Section)	
9	1001003305	1	Clip	
10	0761012	3	Bolt, M10X25	
11	4812000	3	Washer, M10	

FIGURE 10-2. MAIN ELECTRICAL INSTALLATION (SN 1160008518 to Present)

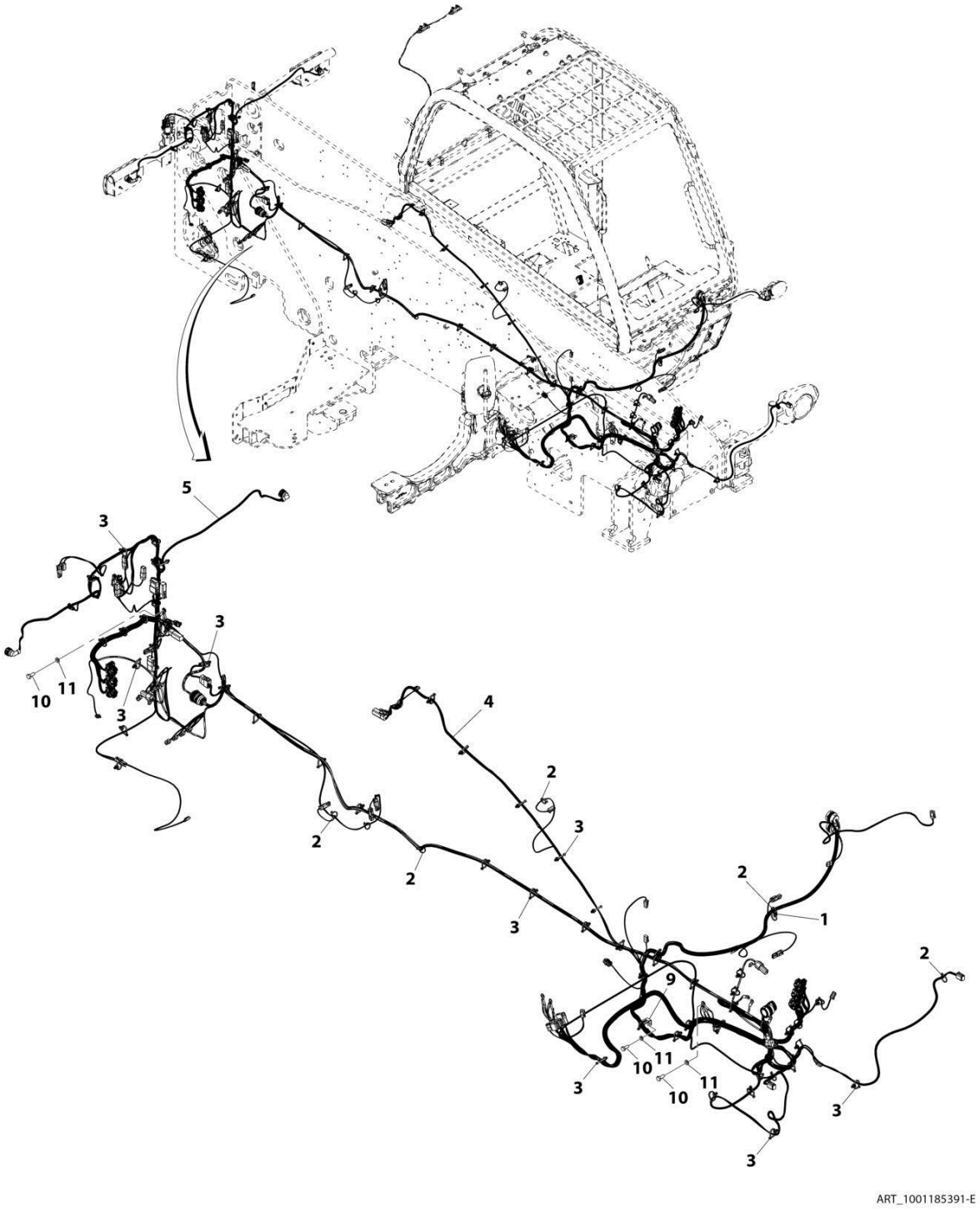
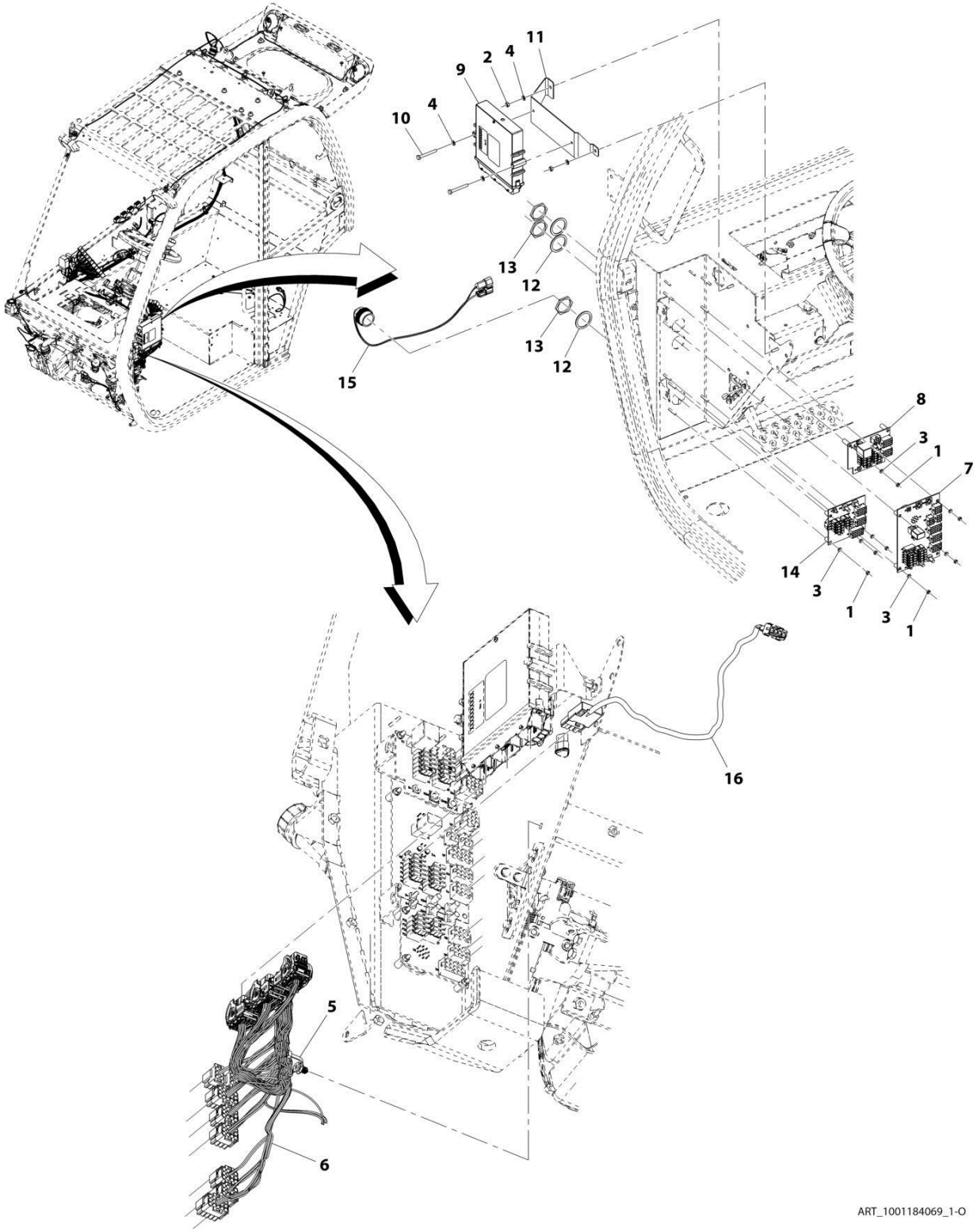


FIGURE 10-2. MAIN ELECTRICAL INSTALLATION (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185391	Ref	Main Electrical Installation	E
1	1001004723	1	Saddle	
2	1001008559	9	Strap, Cable	
3	1001146588	55	Strap, Cable Tie	
4	1001231424	Ref	Harness, Front Frame (See Separate Breakdown in this Section)	
5	1001231423	Ref	Harness, Rear Frame (See Separate Breakdown in this Section)	
9	1001003305	1	Clip	
10	0761012	3	Bolt, M10X25	
11	4812000	3	Washer, M10	

FIGURE 10-3. CAB ELECTRICAL INSTALLATION



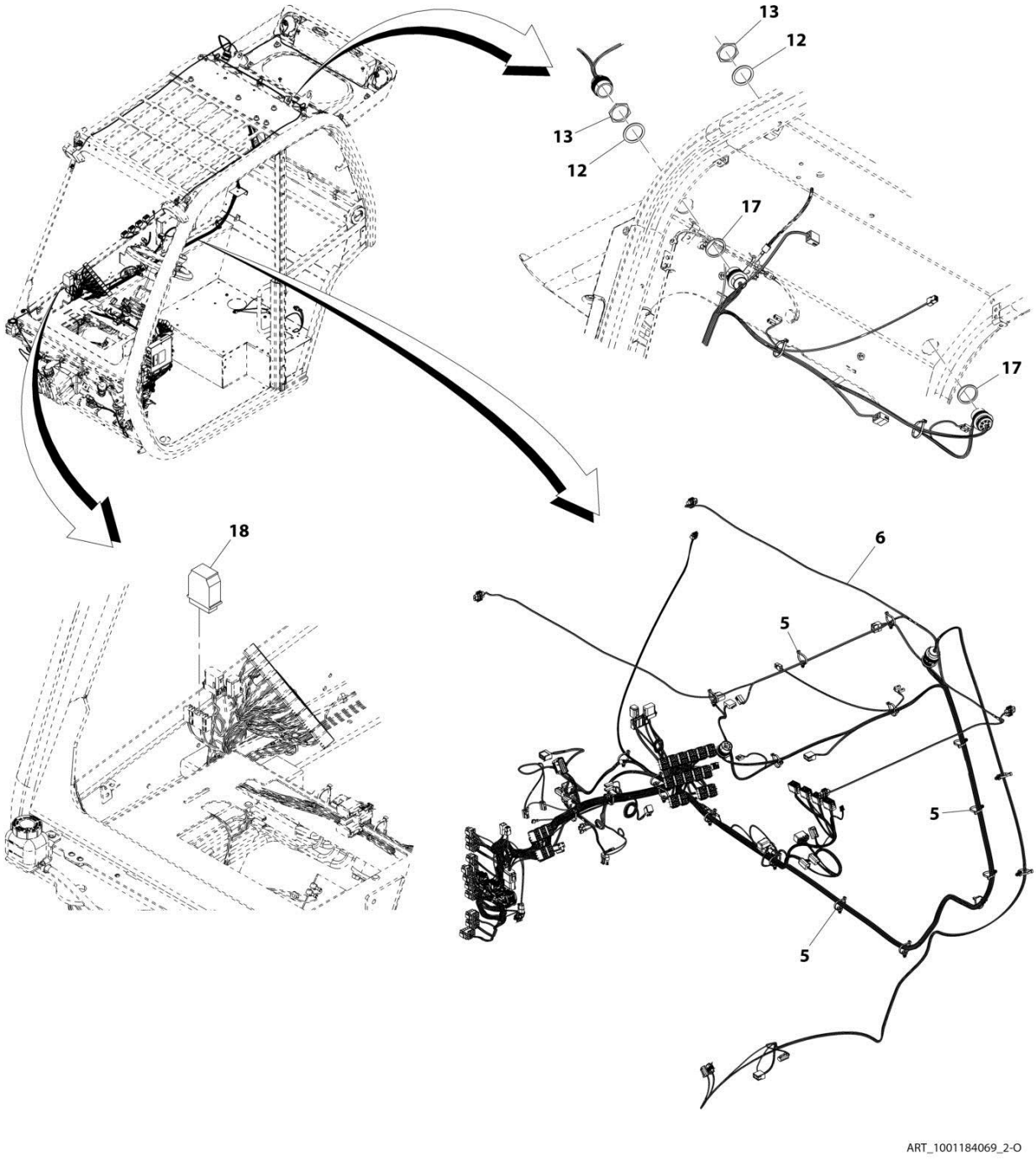
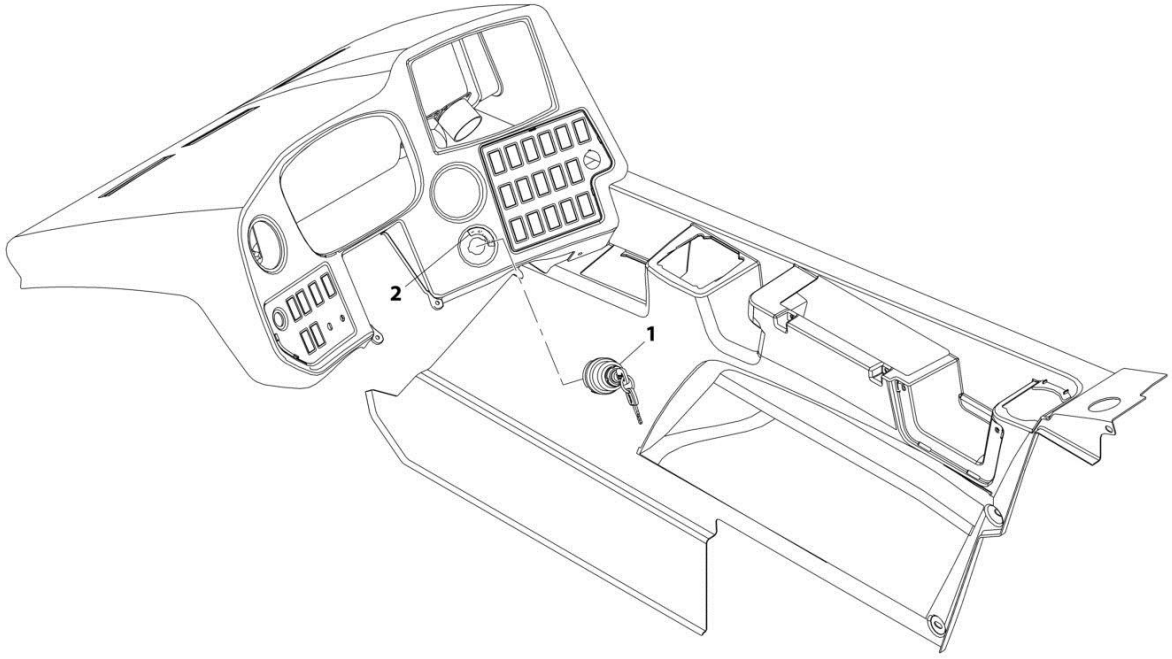

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ART_1001184069_2-O

FIGURE 10-3. 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 10-4. IGNITION SWITCH INSTALLATION



ART_1001201128-B

FIGURE 10-4. 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 10-5. STANDARD ELECTRICAL BOARD ASSEMBLY

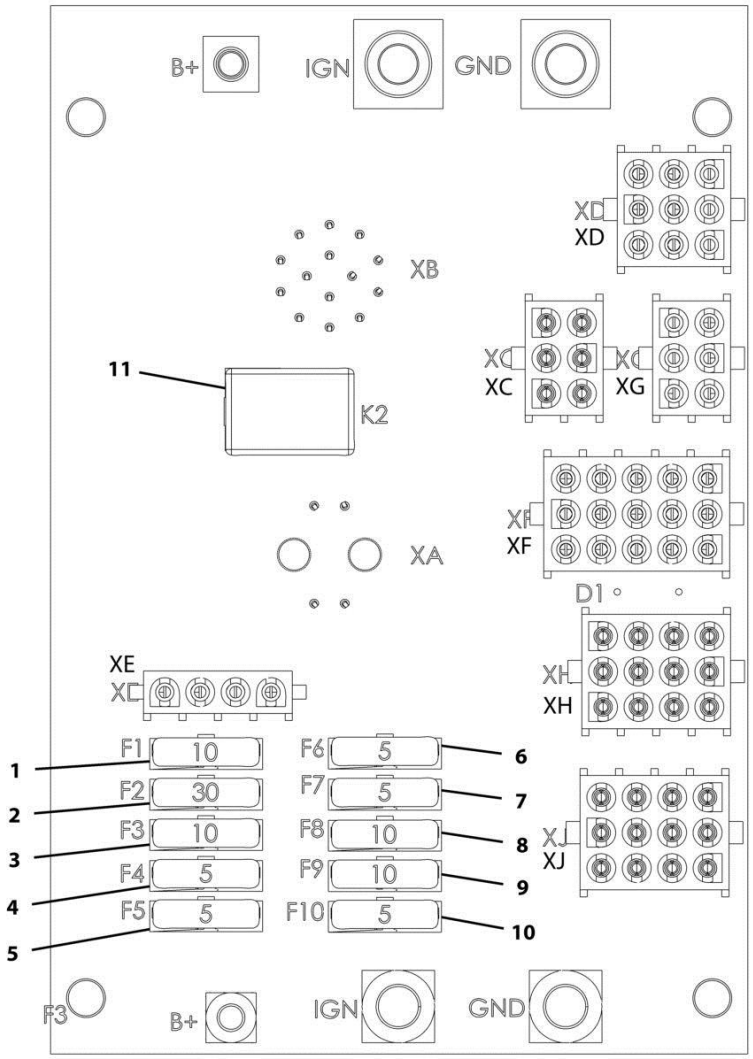


FIGURE 10-5. STANDARD ELECTRICAL BOARD ASSEMBLY

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 10-6. OPTION 1 ELECTRICAL BOARD ASSEMBLY

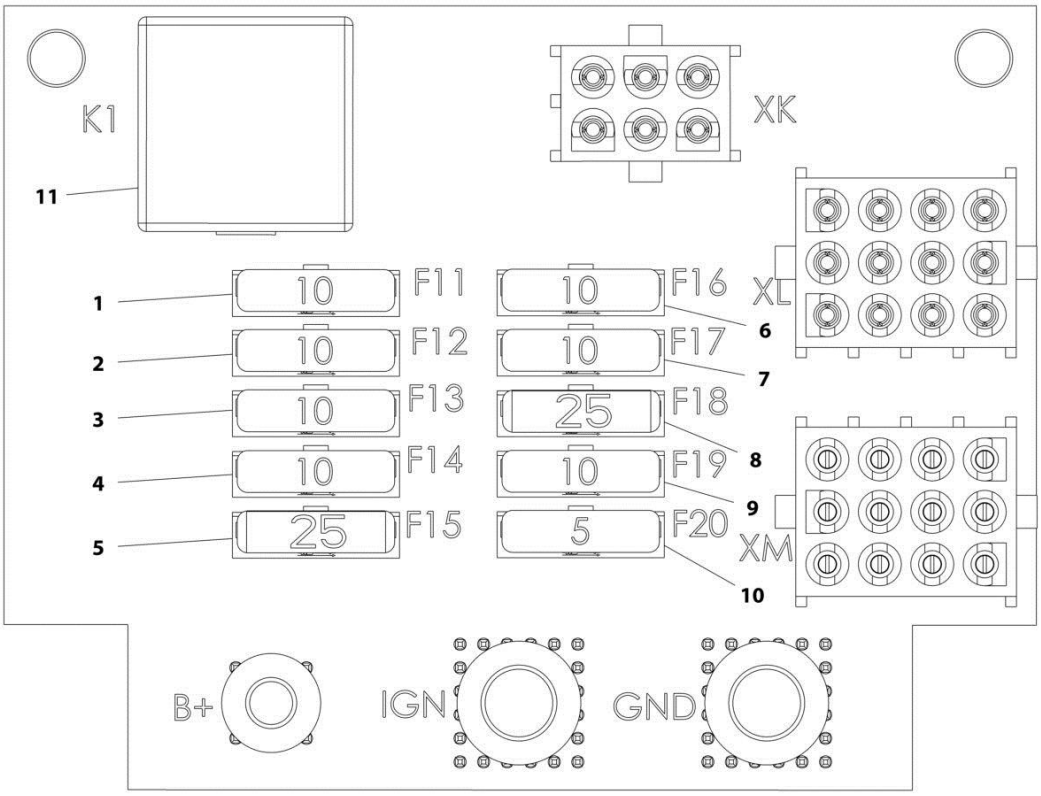
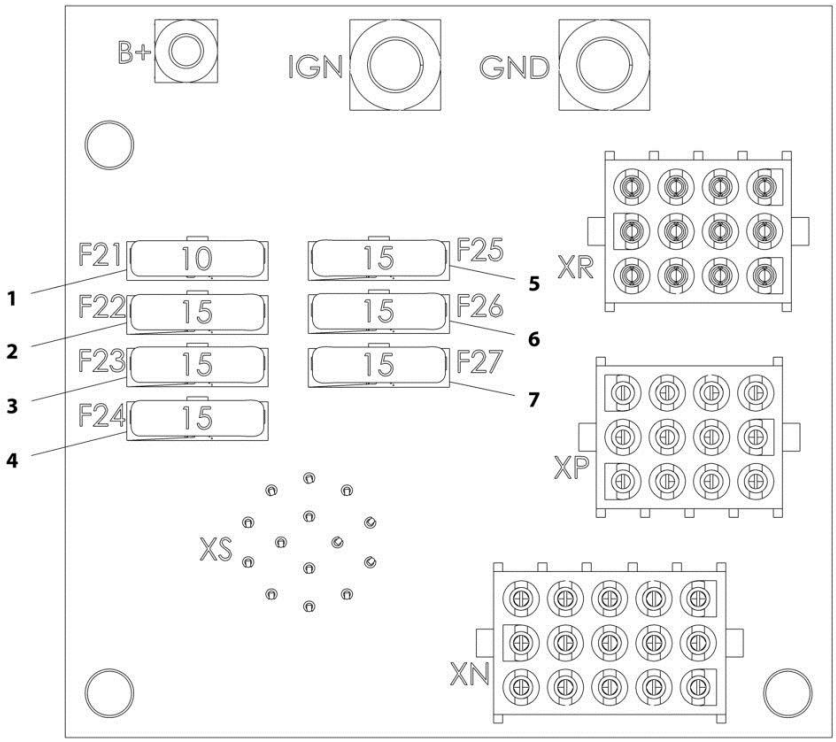


FIGURE 10-6. OPTION 1 ELECTRICAL BOARD ASSEMBLY

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 10-7. OPTION 2 ELECTRICAL BOARD ASSEMBLY



ART_1001161771-B

FIGURE 10-7. 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 10-8. CAB HEATER HARNESS INSTALLATION

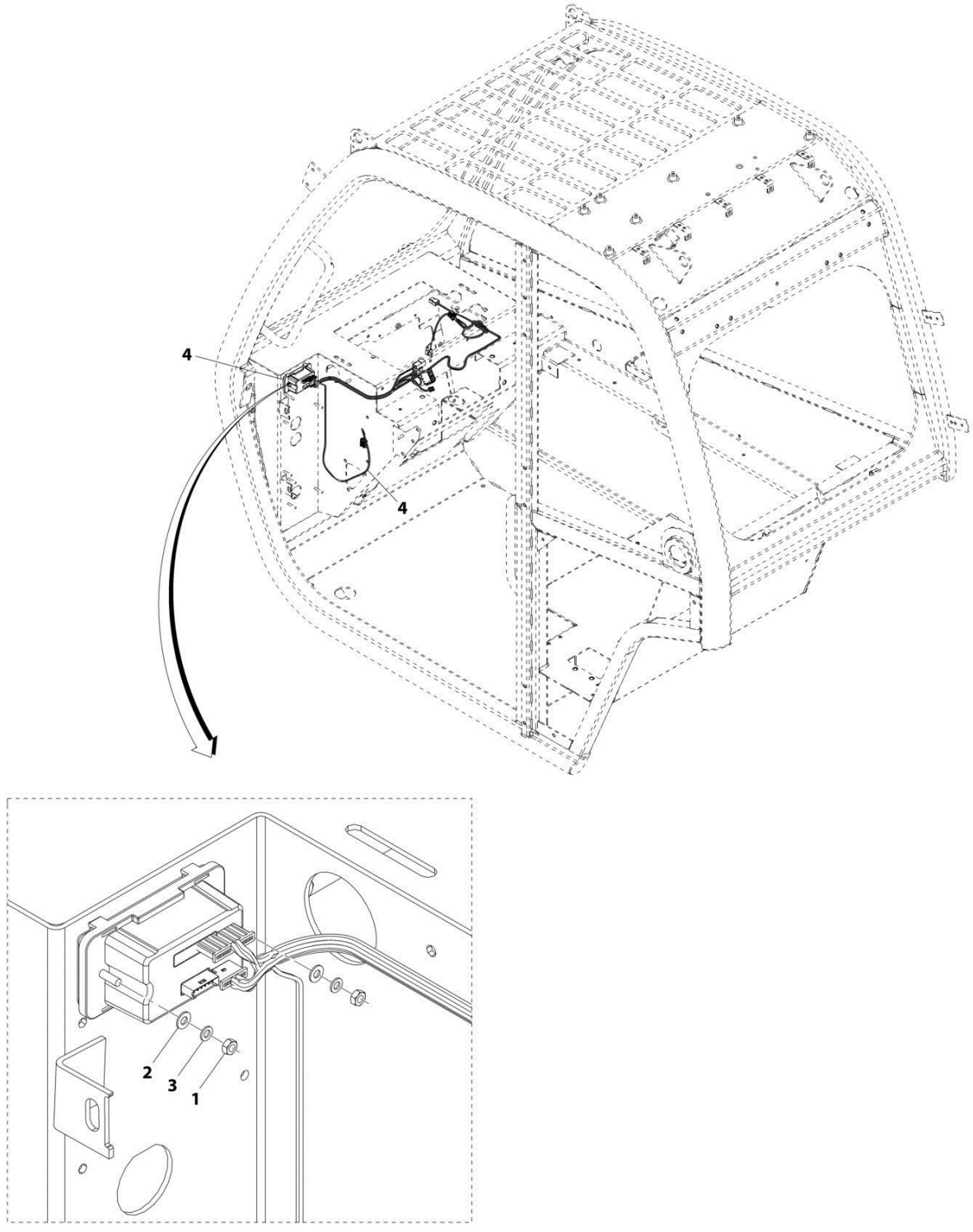
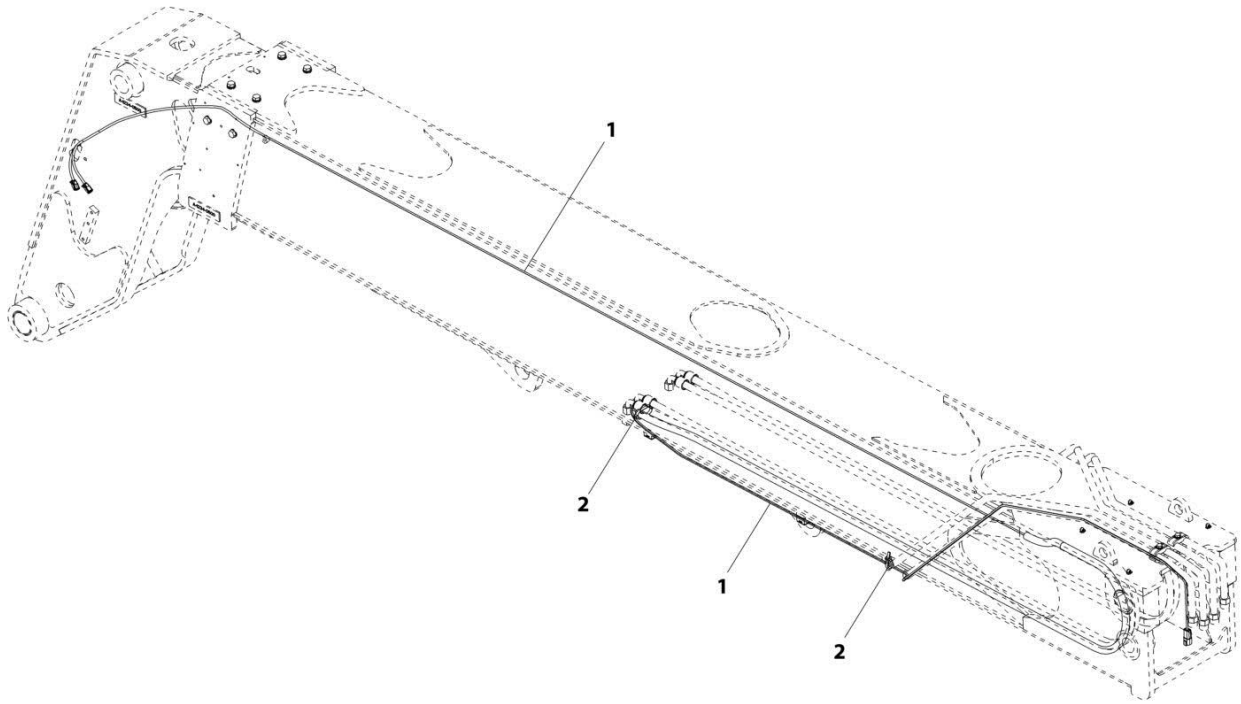


FIGURE 10-8. CAB HEATER HARNESS INSTALLATION

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 10-9. BOOM HARNESS INSTALLATION



ART_1001186169-C

FIGURE 10-9. BOOM HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186169	Ref	Boom Harness Installation	C
1	1001184420	1	Harness, Boom (See Separate Breakdown in this Section)	
2	1001008923	AR	Strap, Cable Tie	

FIGURE 10-10. ENGINE WIRING INSTALLATION (ULS)

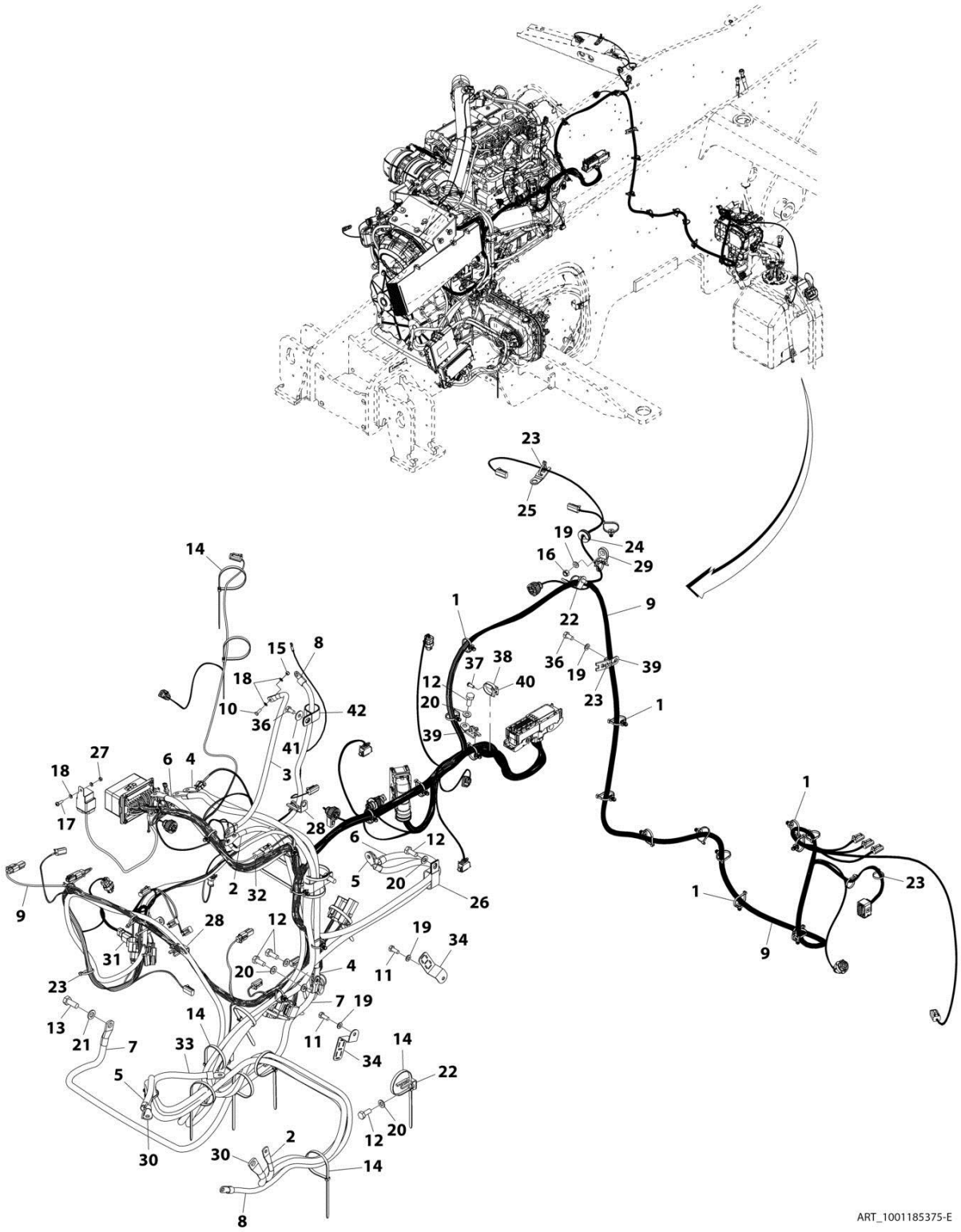


FIGURE 10-10. ENGINE WIRING INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185375	Ref	Engine Wiring Installation (ULS)	E
1	1001146588	24	Strap, Tie	
2	1001182218	1	Cable, PDM to Glow Plug Relay	
3	1001182219	1	Cable, Glow Plug to Relay	
4	1001182654	1	Cable, Batt to Ground	
5	1001182650	1	Cable, Starter to Battery +	
6	1001182651	1	Cable, Starter to Remote B+	
7	1001182652	1	Cable, Ground Buss to Engine Ground	
8	1001182216	1	Cable, Alternator	
9	1001183615	1	Harness, Engine (ULS) (See Separate Breakdown in this Section)	
10	0760507	1	Bolt, M5X14	
11	0760810	2	Bolt, M8X20	
12	0761012	7	Bolt, M10X25	
13	0761214	1	Bolt, M12X30	
14	1062255	13	Strap, Tie	
15	3290505	1	Nut, Lock M5X0.8 Grade 8	
16	3290805	1	Nut, Lock M8X1.25 Grade 8	
17	3900381	1	Screw, M5X16	
18	4811600	4	Washer, M5	
19	4811900	5	Washer, M8	
20	4812000	7	Washer, M10	
21	4812100	1	Washer, M12	
22	1001003305	4	Clip	
23	1001008559	12	Strap, Tie	
24	1001009375	1	Grommet	
25	1001025750	1	Clip, Ladder	
26	1001008720	2	Clip	
27	1001128972	1	Nut, M5X0.8	
28	1001130198	3	Clip, Ladder	
29	1001169146	1	Mount	
30	1001182217	1	Cable, Batt + to PDM	
31	1001182929	1	Harness, Fuel Pump (See Separate Breakdown in this Section)	
32	1001182930	1	Harness, Glow Plug Relay (See Separate Breakdown in this Section)	
33	1001203015	1	Cable, Batt (-) to Batt Disc	
34	1001203882	2	Bracket, Harness Tie Wrap	
36	0760808	3	Bolt, M8X16	
37	3900357	1	Screw, M6X16	
38	8881800	1	Strap, Tie	
39	1001008593	2	Clip	
40	1001138645	1	Mount, Cable Tie	
41	4811902	1	Washer, M8	
42	8406302	1	Clamp	

FIGURE 10-11. ENGINE WIRING INSTALLATION (LS)

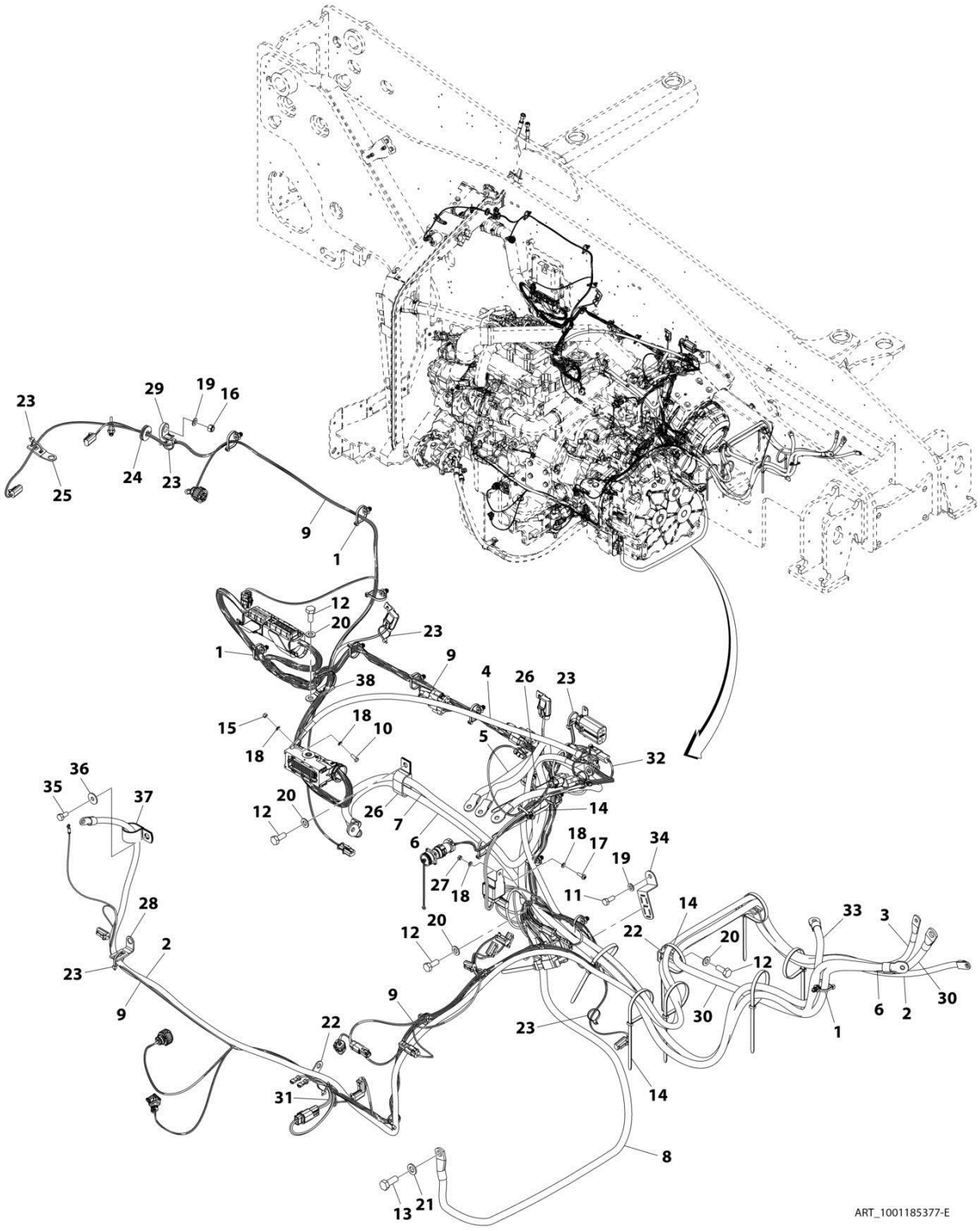


FIGURE 10-11. ENGINE WIRING INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185377	Ref	Engine Wiring Installation (LS)	E
1	1001146588	16	Strap, Cable Tie	
2	1001182216	1	Cable	
3	1001182218	1	Cable	
4	1001182219	1	Cable	
5	1001182654	1	Cable	
6	1001182650	1	Cable	
7	1001182651	1	Cable	
8	1001182652	1	Cable	
9	1001184503	1	Harness, Engine (LS) (See Separate Breakdown in this Section)	
10	0760507	1	Bolt, M5X14	
11	0760810	1	Bolt, M8X20	
12	0761012	7	Bolt, M10X25	
13	0761214	1	Bolt, M12X30	
14	1062255	10	Strap, Tie	
15	3290505	1	Nut, Lock M5X0.8	
16	3290805	1	Nut, Lock M8X1.25	
17	3900381	1	Screw, M5X16	
18	4811600	4	Washer, M5	
19	4811900	2	Washer, M8	
20	4812000	7	Washer, M10	
21	4812100	1	Washer, M12	
22	1001003305	3	Clip	
23	1001008559	12	Strap, Cable	
24	1001009375	1	Grommet	
25	1001025750	1	Clip	
26	1001008720	2	Clip	
27	1001128972	1	Nut, M5X.8	
28	1001130198	2	Clip	
29	1001169146	1	Mount	
30	1001182217	1	Cable	
31	1001182929	1	Harness, Fuel Pump (See Separate Breakdown in this Section)	
32	1001182930	1	Harness, Glow Plug Relay (See Separate Breakdown in this Section)	
33	1001203015	1	Cable	
34	1001203882	1	Bracket	
35	0760808	1	Bolt, M8X16	
36	4811902	1	Washer, M8	
37	8406302	1	Clamp	
38	1001008593	1	Clip	

FIGURE 10-12. ELECTRICAL COMPONENTS INSTALLATION

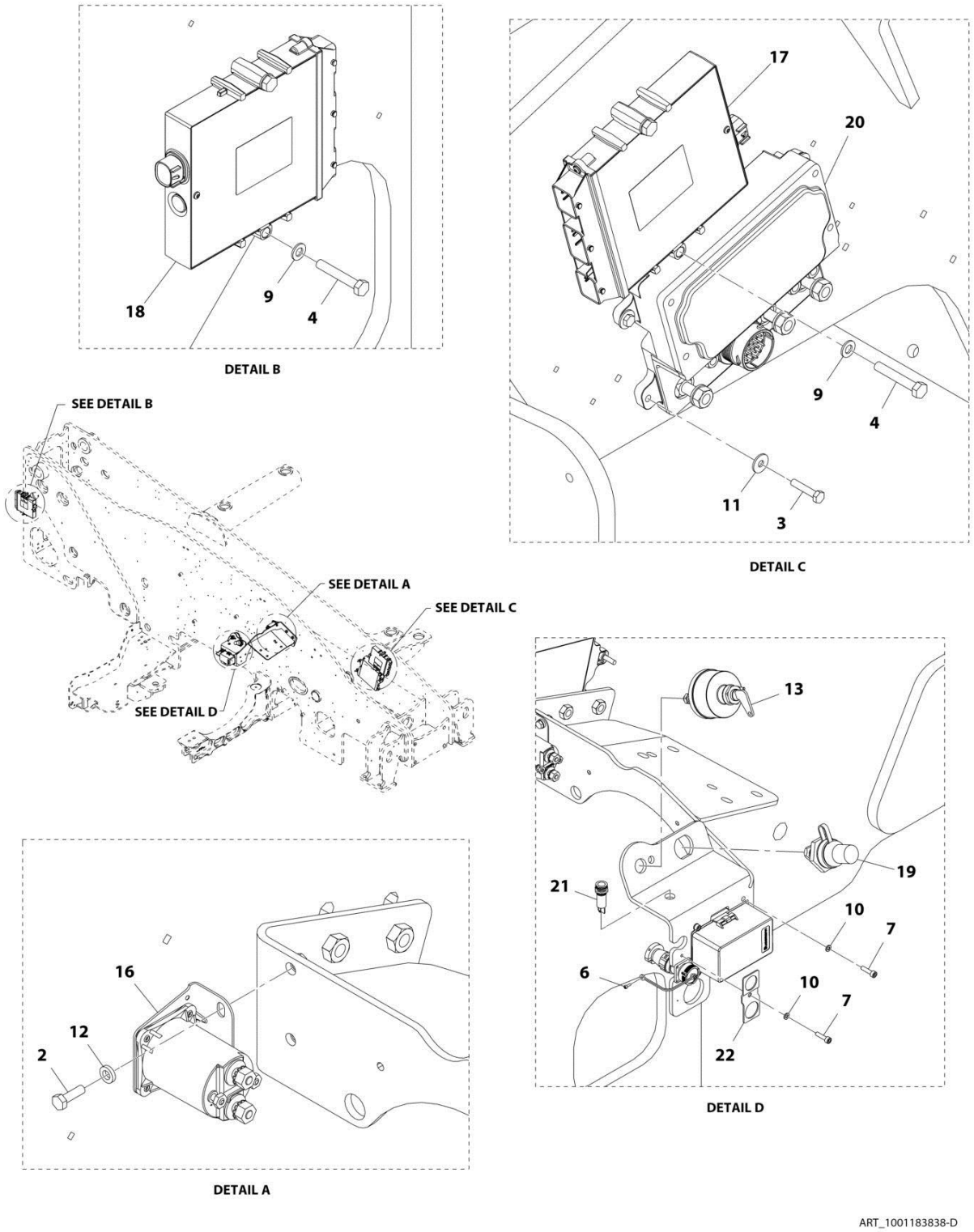
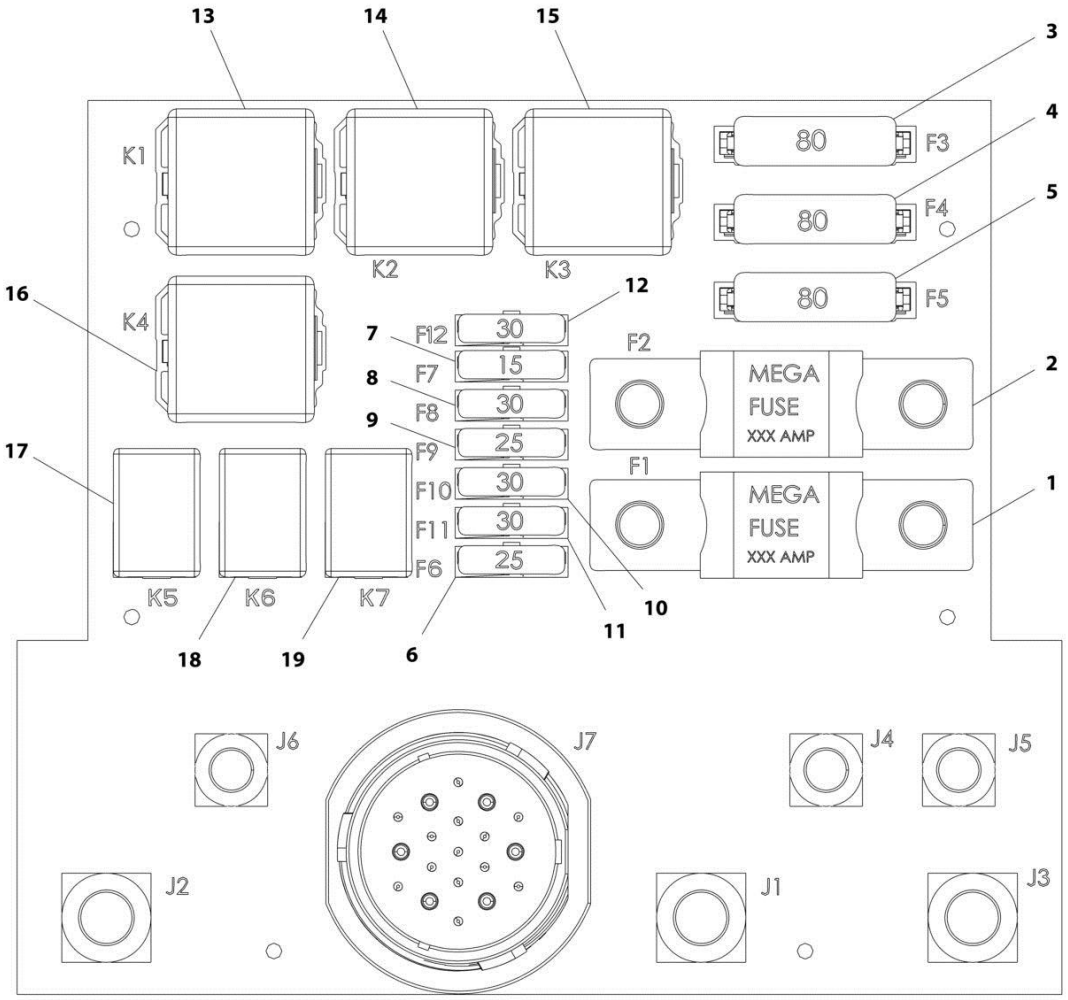


FIGURE 10-12. ELECTRICAL COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183838	Ref	Electrical Components Installation	D
2	0700610	2	Bolt, M6X20	
3	0700614	4	Bolt, M6X30	
4	0700818	4	Bolt, M8X50	
6	3900349	1	Screw, M2.5X0.45	
7	4031608	5	Screw, M5X20	
9	4811900	4	Washer, M8	
10	4831600	5	Washer, Lock M5	
11	4811702	4	Washer, Lock M6	
12	5240600	2	Washer, M6	
13	1001008926	NLA	Switch, Disconnect (no longer available, use 1001192142 for replacement)	
13	1001192142	1	Switch, Disconnect	
16	1001117308	1	Relay, 200 AMP (See Separate Breakdown in this Section)	
17	1001209577	1	Control, TMH Front Frame Module LBP	
18	1001209576	1	Control, TMH Rear Frame Module LBP	
19	1001193993	1	Terminal, Battery	
20	1001164402	1	Box, Power Distribution Electrical (See Separate Breakdown in this Section)	
21	1001169825	1	Lamp, 12V Yellow	
22	1001186693	1	Plate	

FIGURE 10-13. POWER DISTRIBUTION ELECTRICAL BOX

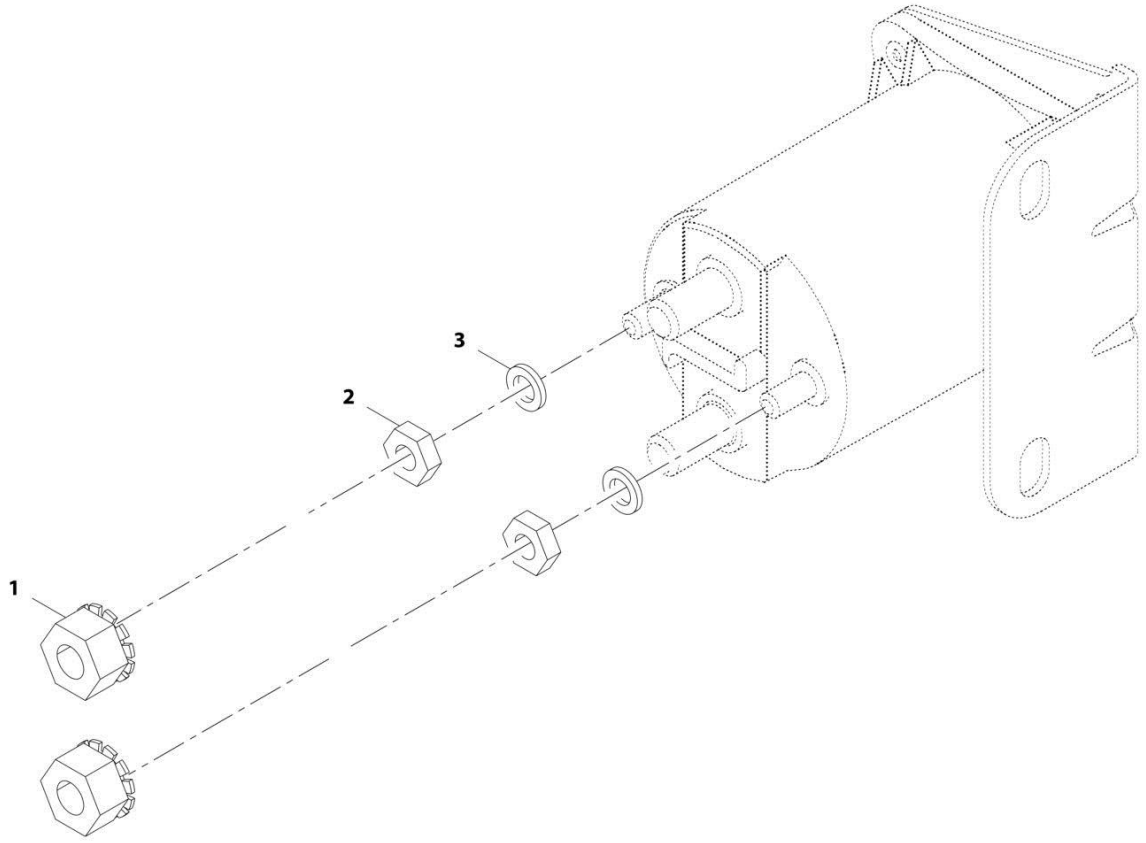


ART_1001164402-F

FIGURE 10-13. POWER DISTRIBUTION ELECTRICAL BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164402	Ref	Power Distribution Electrical Box	F
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 10-14. 200 AMP RELAY INSTALLATION



ART_1001117308-B

FIGURE 10-14. 200 AMP RELAY INSTALLATION

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

FIGURE 10-15. BATTERY INSTALLATION (STANDARD)

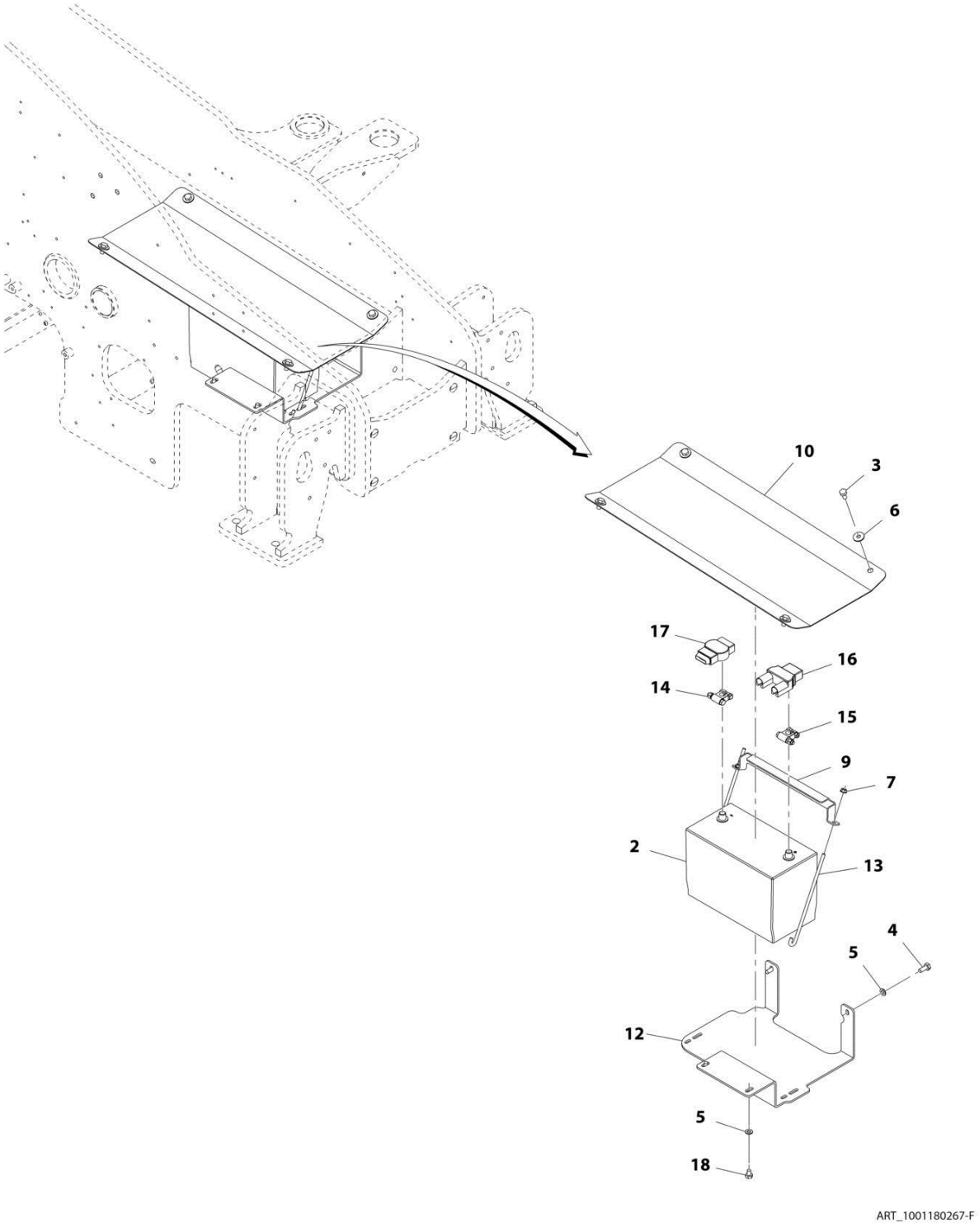


FIGURE 10-15. BATTERY INSTALLATION (STANDARD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180267	Ref	Battery Installation (Standard)	F
2	0400075	1	Battery, 12V	
3	0761010	4	Bolt, M10X20	
4	0761012	2	Bolt, M10X25	
5	4812000	4	Washer, M10	
6	4812002	4	Washer, M10	
7	5220800	2	Nut, M8	
9	1001141596	1	Plate	
10	1001179221J	1	Cover	
12	1001217179	1	Tray	
13	1001160928	2	J-Bolt	
14	8270147	1	Clamp	
15	8270148	1	Clamp	
16	7301893	NLA	Insulator, Battery Terminal (no longer available, use 1001214663 for replacement)	
16	1001214663	1	Insulator, Battery Terminal	
17	1001145300	1	Insulator, Battery Terminal	
18	0761007	2	Bolt, M10X14	

FIGURE 10-16. BATTERY INSTALLATION (DUAL) (Prior to SN 1160008518)

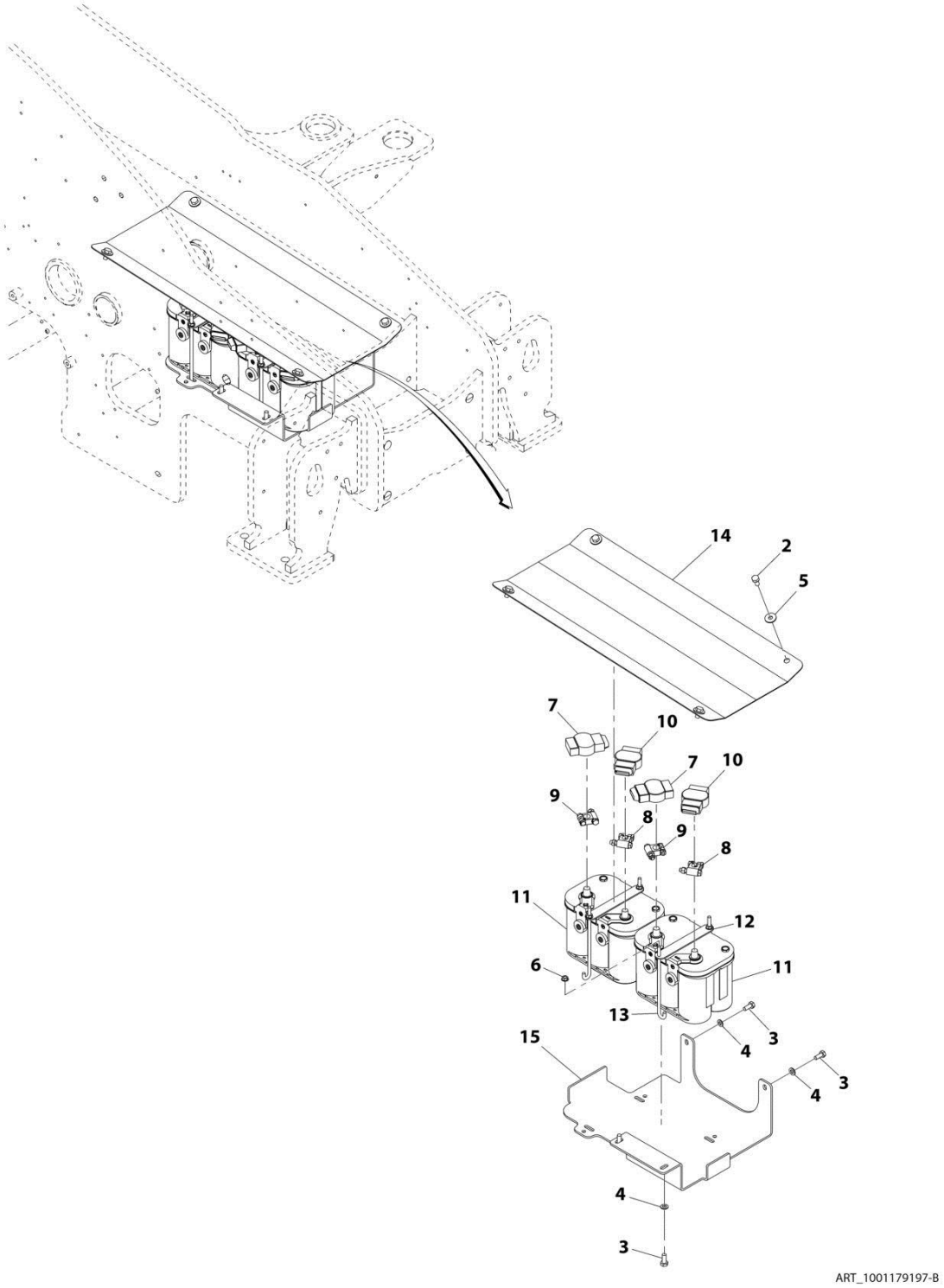


FIGURE 10-16. BATTERY INSTALLATION (DUAL) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179197	Ref	Battery Installation (Dual)	B
2	0761010	4	Bolt, M10X20	
3	0761012	4	Bolt, M10X25	
4	4812000	4	Washer, M10	
5	4812002	4	Washer, M10	
6	5220800	4	Nut, M8	
7	7301893	2	Insulator, Battery Terminal	
8	8270147	2	Clamp	
9	8270148	2	Clamp	
10	1001145300	2	Insulator, Battery Terminal	
11	1001167212	2	Battery	
12	1001179585	2	Bracket	
13	1001179586	4	Bolt	
14	1001179221J	1	Cover	
15	1001203417J	1	Tray	

FIGURE 10-17. BATTERY INSTALLATION (DUAL) (SN 1160008518 to Present)

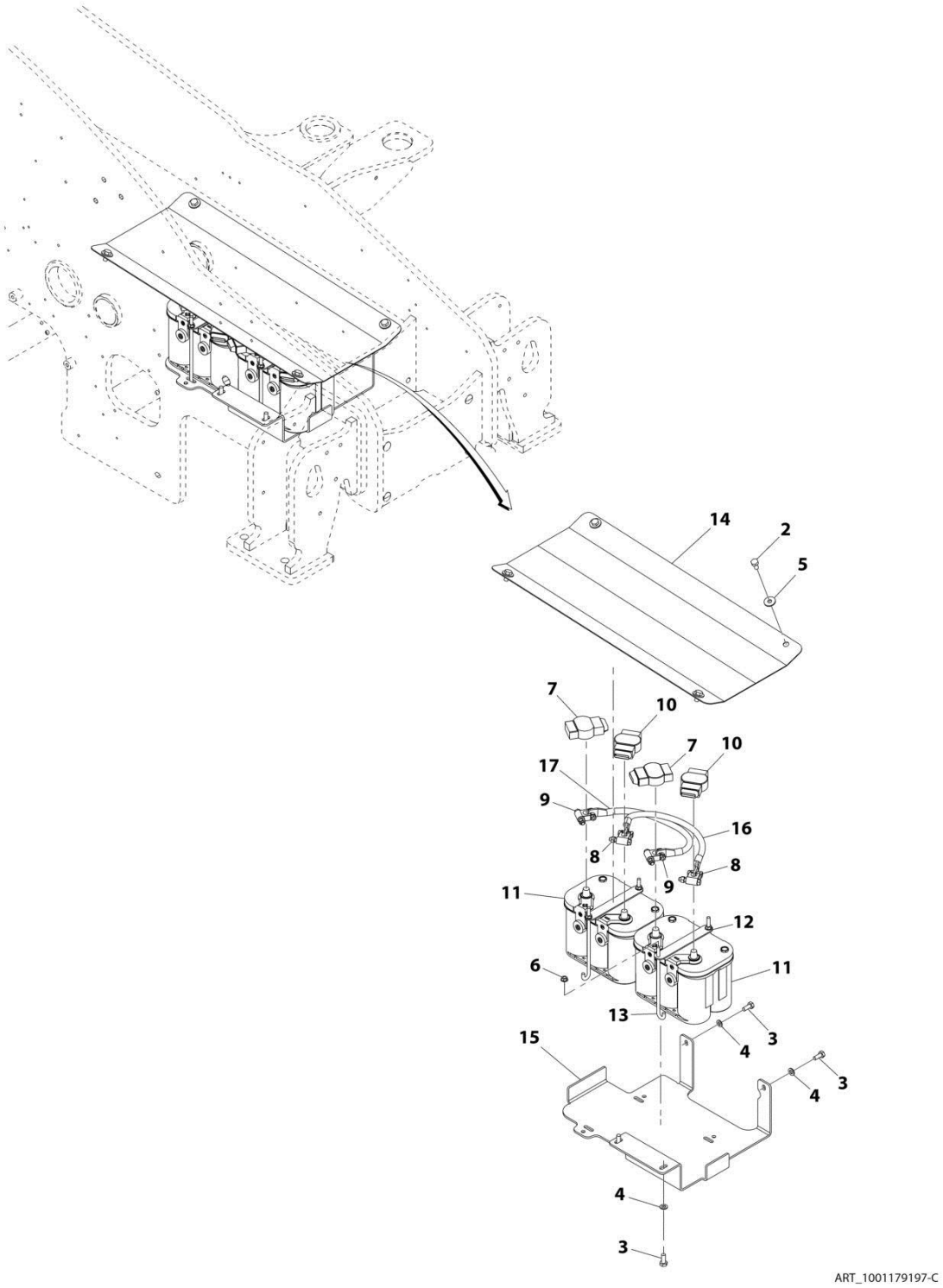


FIGURE 10-17. BATTERY INSTALLATION (DUAL) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179197	Ref	Battery Installation (Dual)	C
2	0761010	4	Bolt, M10X20	
3	0761012	4	Bolt, M10X25	
4	4812000	4	Washer, M10	
5	4812002	4	Washer, M10	
6	5220800	4	Nut, M8	
7	7301893	2	Insulator, Battery Terminal	
8	8270147	2	Clamp	
9	8270148	2	Clamp	
10	1001145300	2	Insulator, Battery Terminal	
11	1001167212	2	Battery	
12	1001179585	2	Bracket	
13	1001179586	4	Bolt	
14	1001179221J	1	Cover	
15	1001229139	1	Tray	
16	1001189339	1	Cable	
17	1001189338	1	Cable	

FIGURE 10-18. DASH ELECTRICS INSTALLATION (ULS)

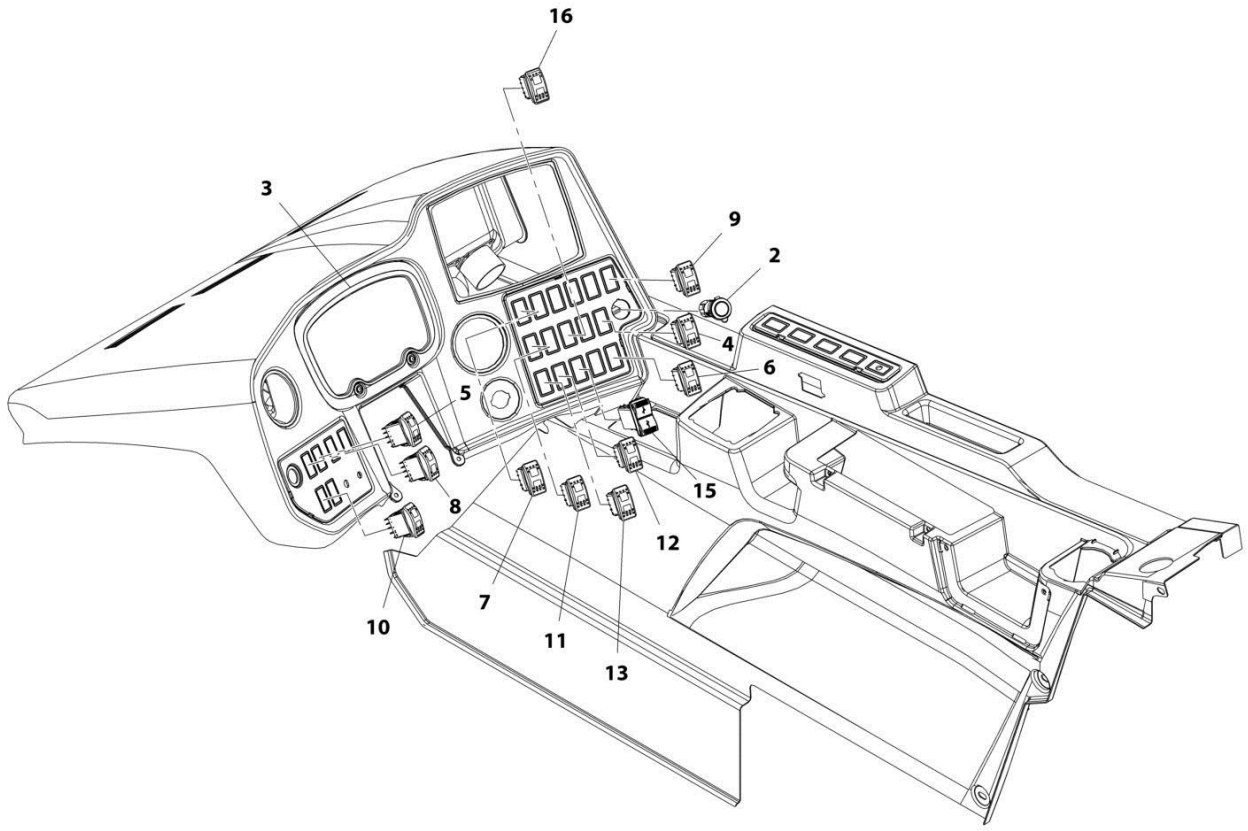


FIGURE 10-18. DASH ELECTRICS INSTALLATION (ULS)

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 10-19. DASH ELECTRICS INSTALLATION (LS)

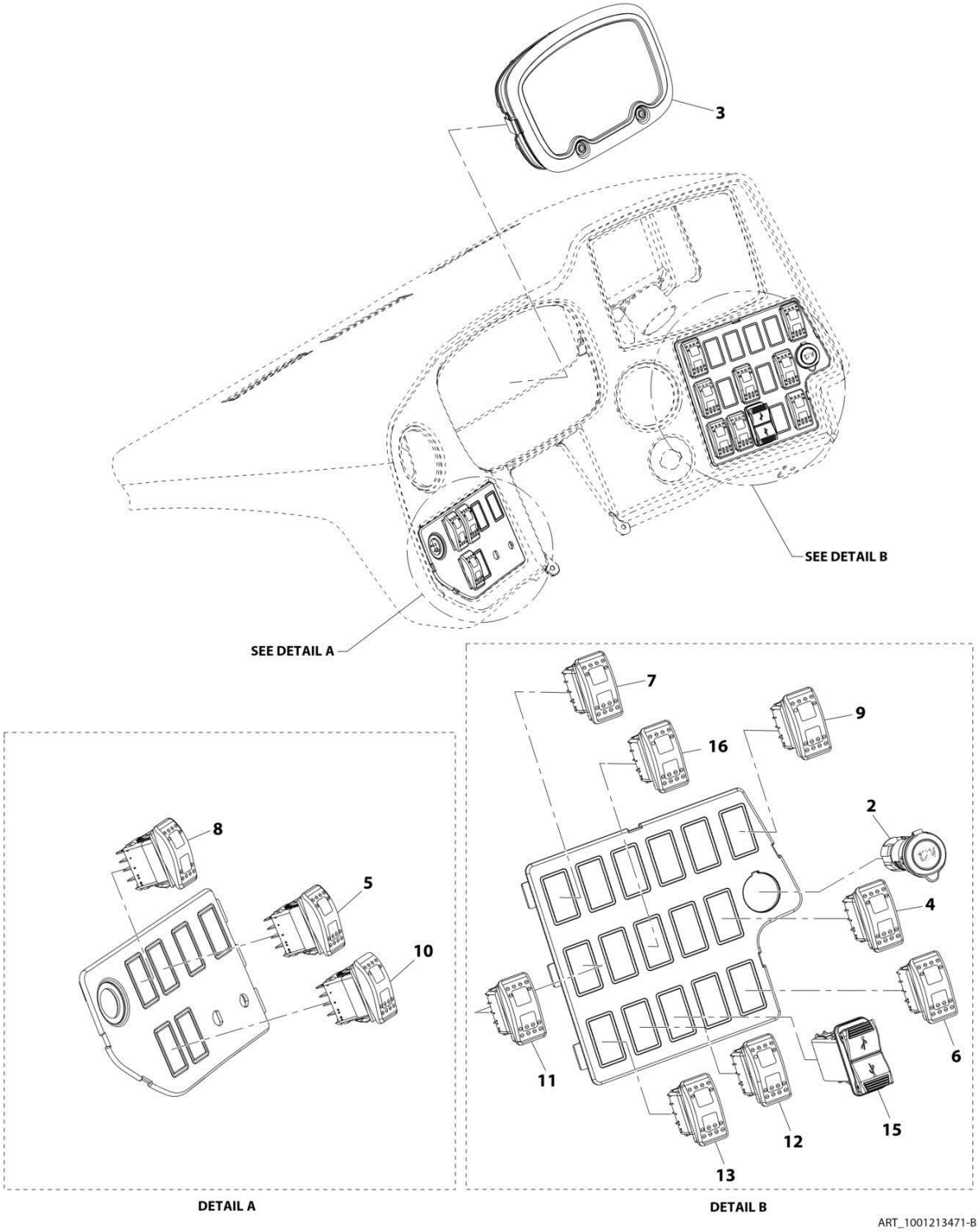


FIGURE 10-19. DASH ELECTRICS INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213471	Ref	Dash Electrics Installation (LS)	B
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	

FIGURE 10-20. MULTIFUNCTION DISPLAY INSTALLATION

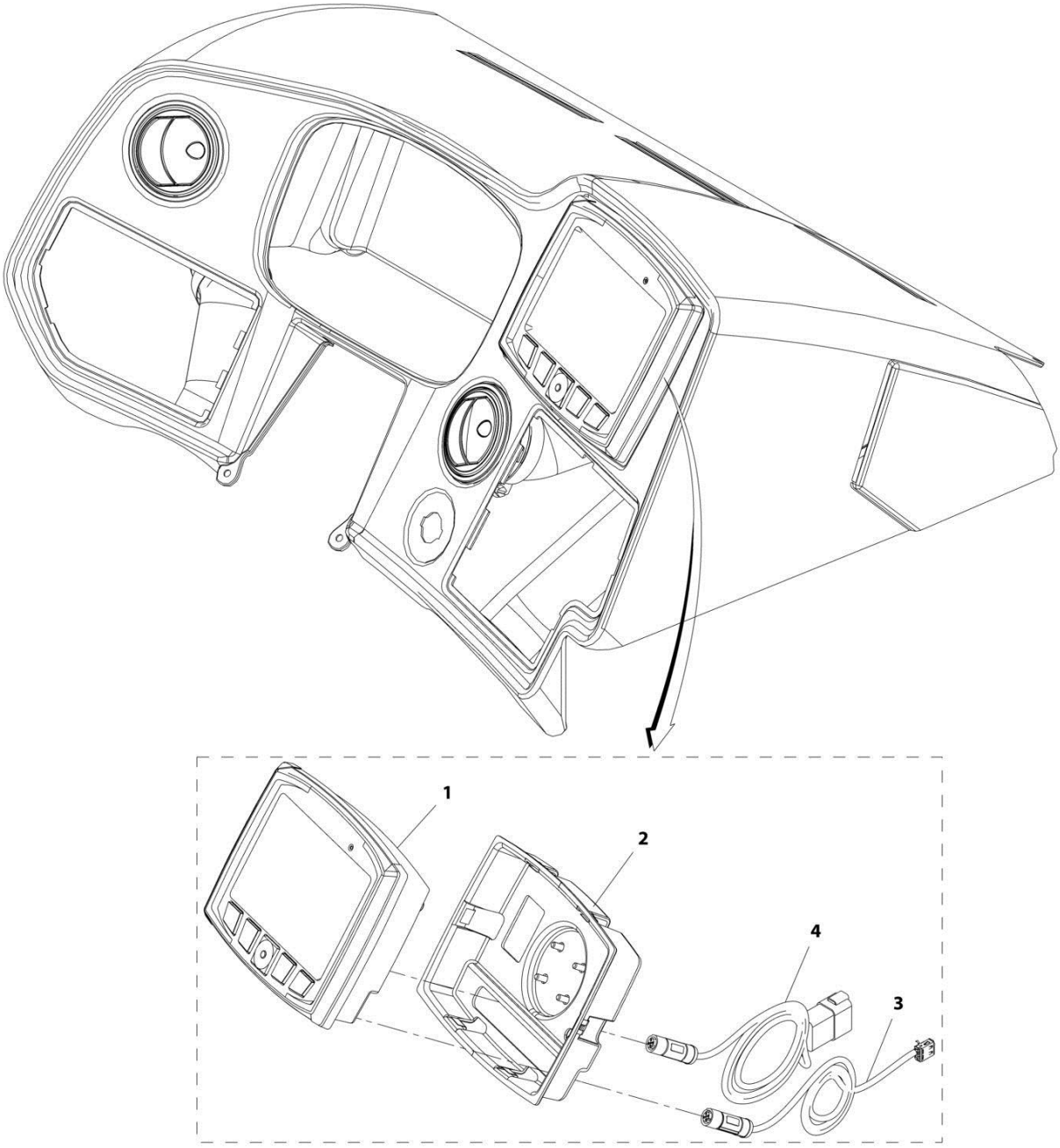
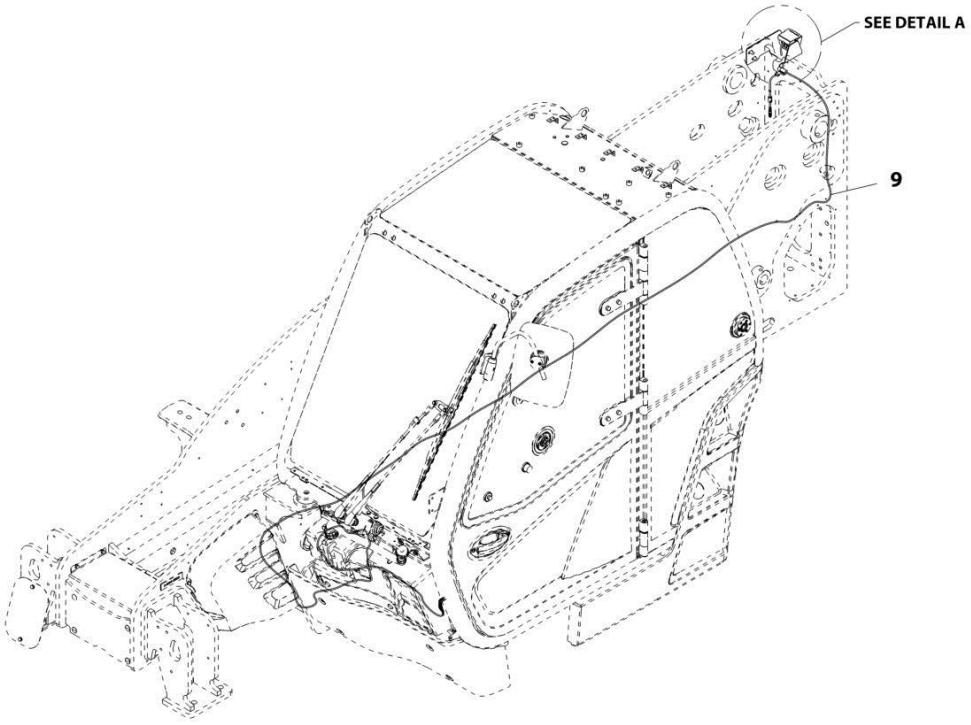
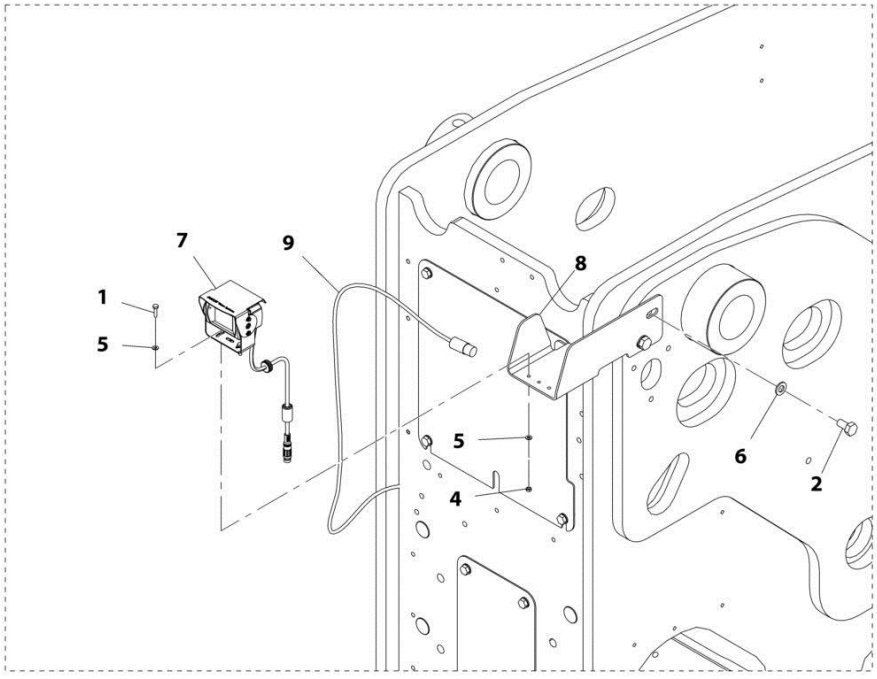


FIGURE 10-20. MULTIFUNCTION DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176338	Ref	Multifunction Display Installation	B
1	1001211357	1	Display	
2	1001178783	1	Bezel	
3	1001180682	1	Cable	
4	1001180683	1	Cable, Video	

FIGURE 10-21. REVERSE CAMERA INSTALLATION (TRAILER BRAKES)





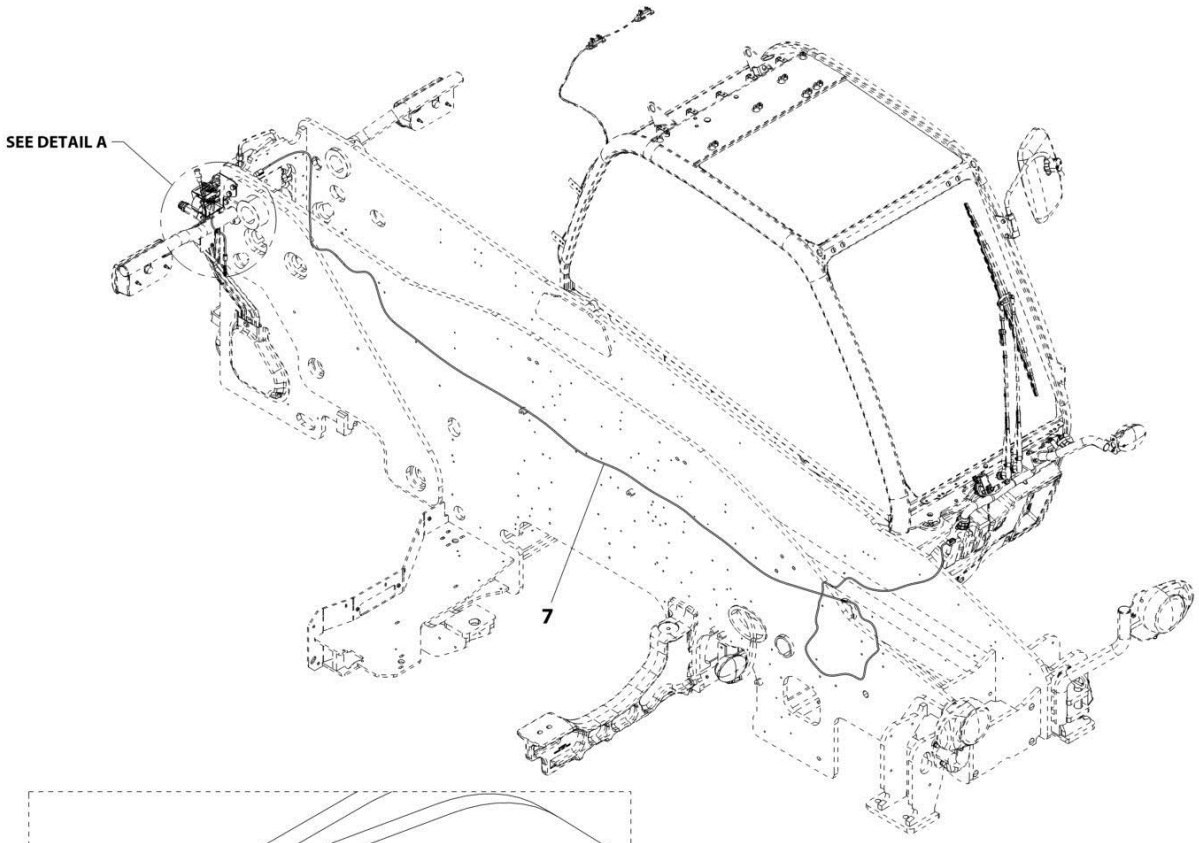
DETAIL A

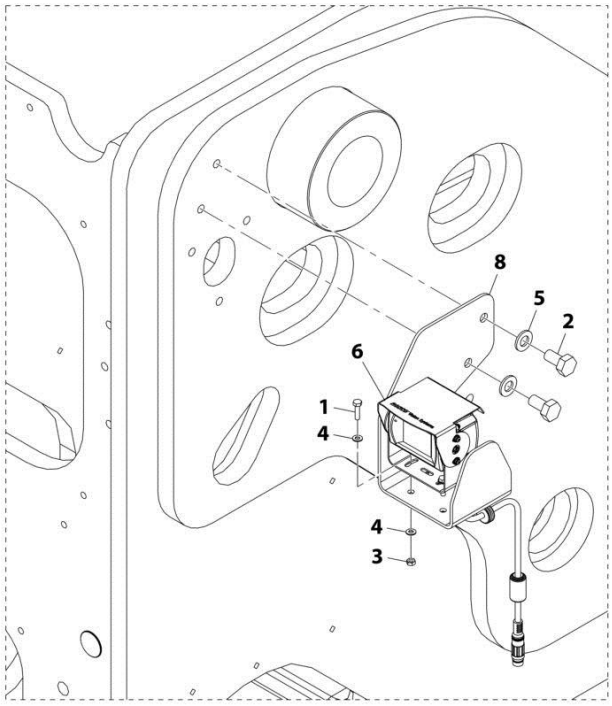
ART_1001190225-B

FIGURE 10-21. REVERSE CAMERA INSTALLATION (TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190225	Ref	Reverse Camera Installation (Trailer Brakes)	B
1	0700408	2	Bolt, M4X16	
2	0761010	2	Bolt, M10X20	
4	3290401	2	Nut, M4X0.7	
5	4811400	4	Washer, M4	
6	4812000	2	Washer, M10	
7	1001167017	1	Camera	
8	1001202293	1	Bracket	
9	1001202558	1	Cable	

FIGURE 10-22. REVERSE CAMERA INSTALLATION (NO TRAILER BRAKES)





DETAIL A

ART_1001217635-B

FIGURE 10-22. REVERSE CAMERA INSTALLATION (NO TRAILER BRAKES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217635	Ref	Reverse Camera Installation (No Trailer Brakes)	B
1	0700408	2	Bolt, M4X16	
2	0761010	2	Bolt, M10X20	
3	3290401	2	Nut, M4X0.7	
4	4811400	4	Washer, M4	
5	4812000	2	Washer, M10	
6	1001167017	1	Camera	
7	1001202558	1	Cable, Reverse Camera	
8	1001222519	1	Bracket	

FIGURE 10-23. REVERSE ALARM INSTALLATION

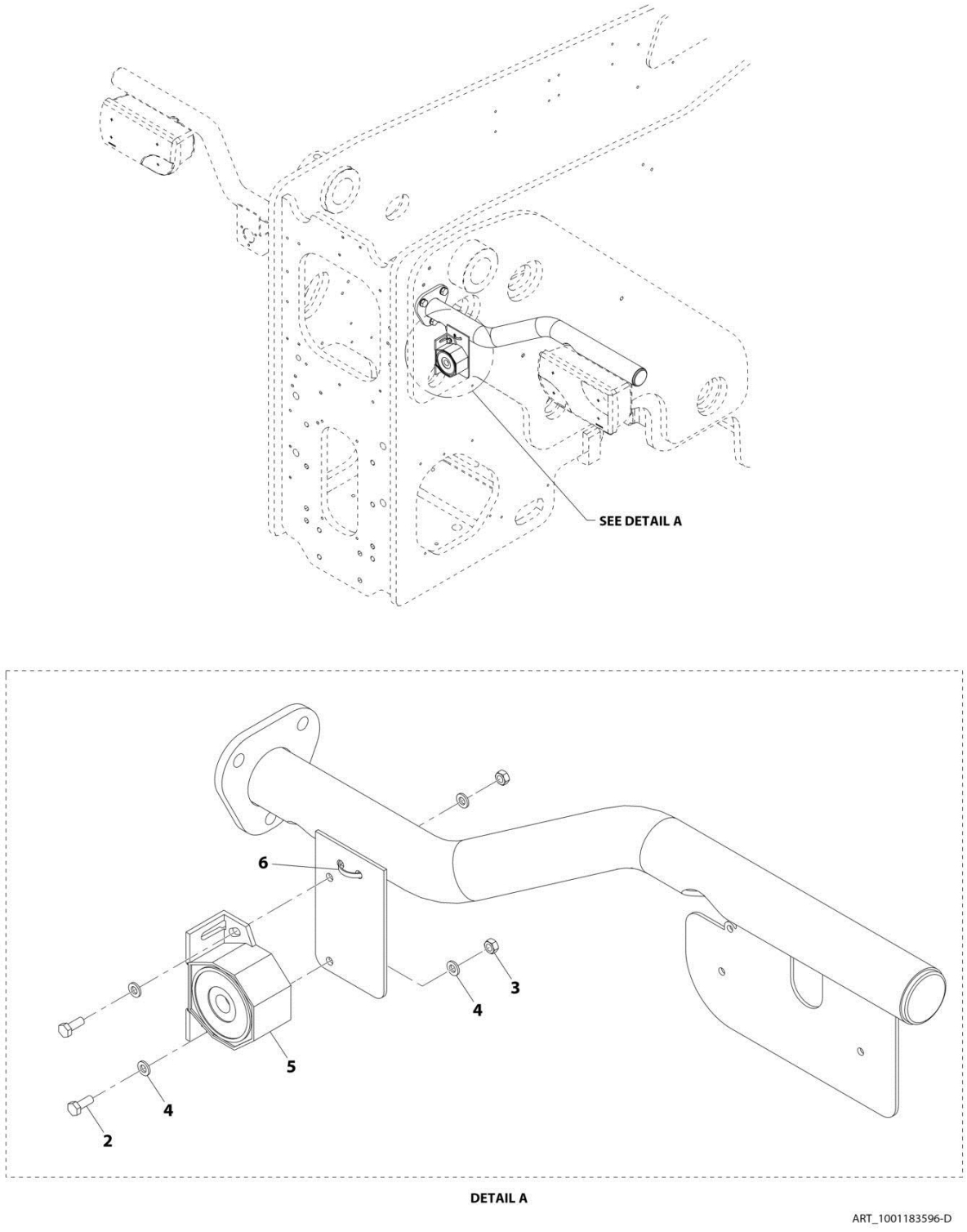
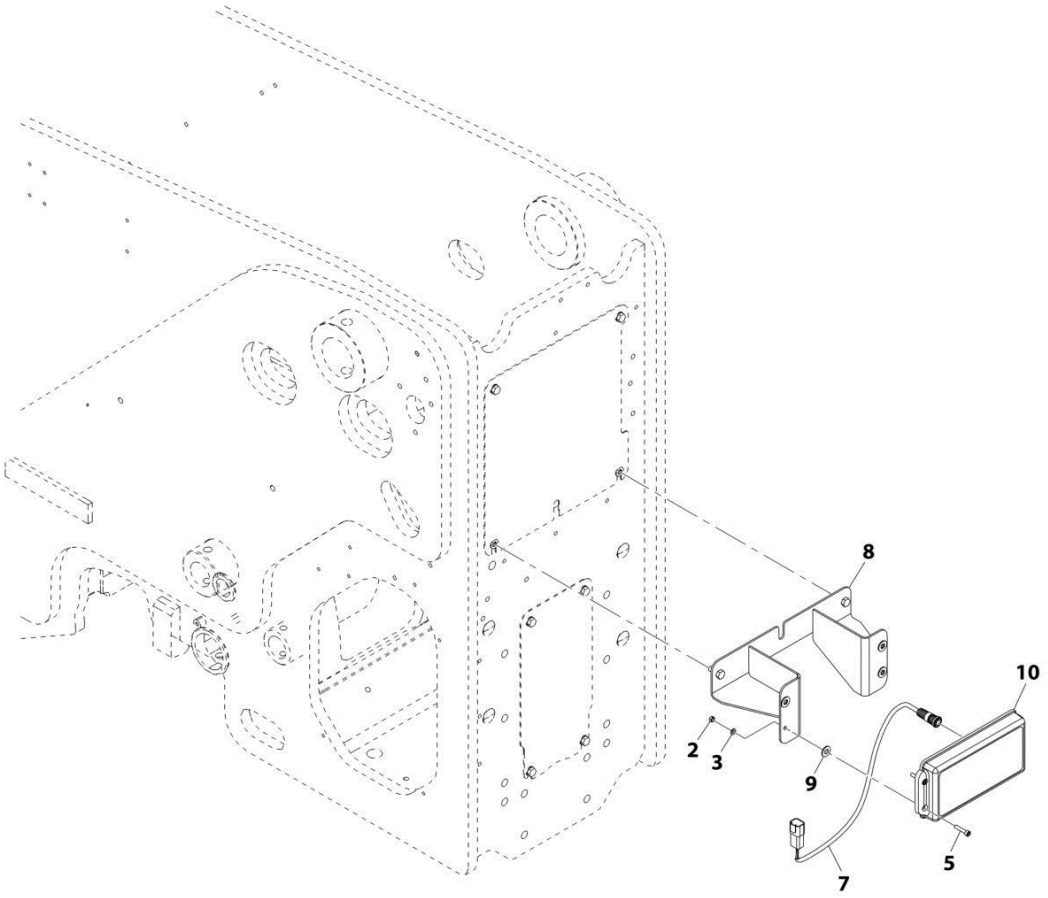


FIGURE 10-23. REVERSE ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183596	Ref	Reverse Alarm Installation	D
2	0760608	2	Bolt, M6X16	
3	3290601	2	Nut, M6X1	
4	4811700	4	Washer, M6	
5	1001147060	1	Alarm, Reverse	
6	1001008559	1	Strap, Cable	

FIGURE 10-24. REVERSE SENSOR INSTALLATION (NO HYDRAULIC HITCH)



ART_1001190227-C

FIGURE 10-24. REVERSE SENSOR INSTALLATION (NO HYDRAULIC HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190227	Ref	Reverse Sensor Installation (No Hydraulic Hitch)	C
2	3290501	4	Nut, M5X0.8	
3	4811600	4	Washer, M5	
5	5271609	4	Screw, M5X25	
7	1001175776	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
8	1001202288	1	Bracket	
9	1001181921	4	Washer, Rubber M8	
10	1001189997	1	Sensor, Reverse	

FIGURE 10-25. REVERSE SENSOR INSTALLATION (HYDRAULIC HITCH)

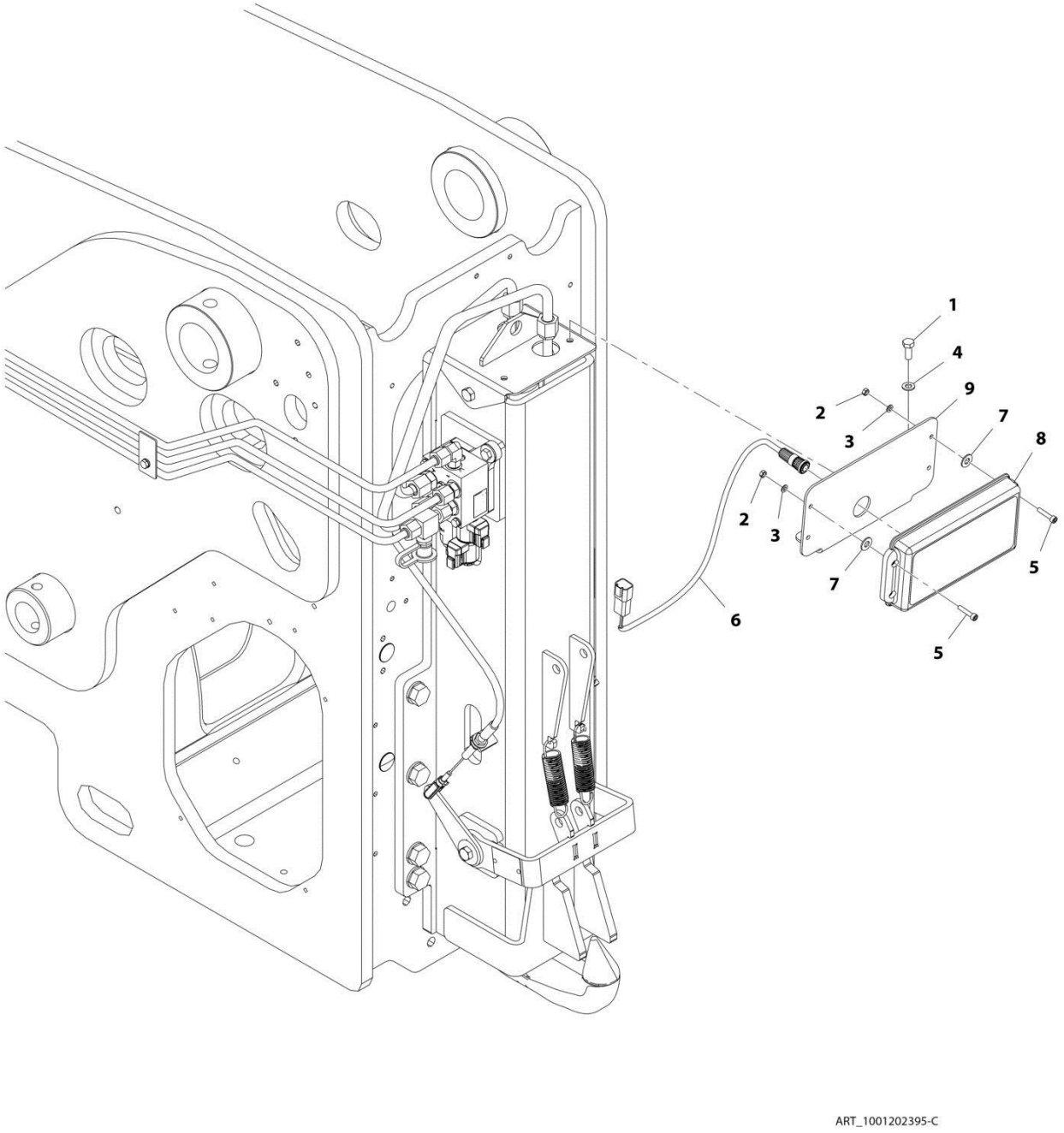


FIGURE 10-25. REVERSE SENSOR INSTALLATION (HYDRAULIC HITCH)

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 10-26. CLEARSKY INSTALLATION (A/C - LONG ROOF CAP)

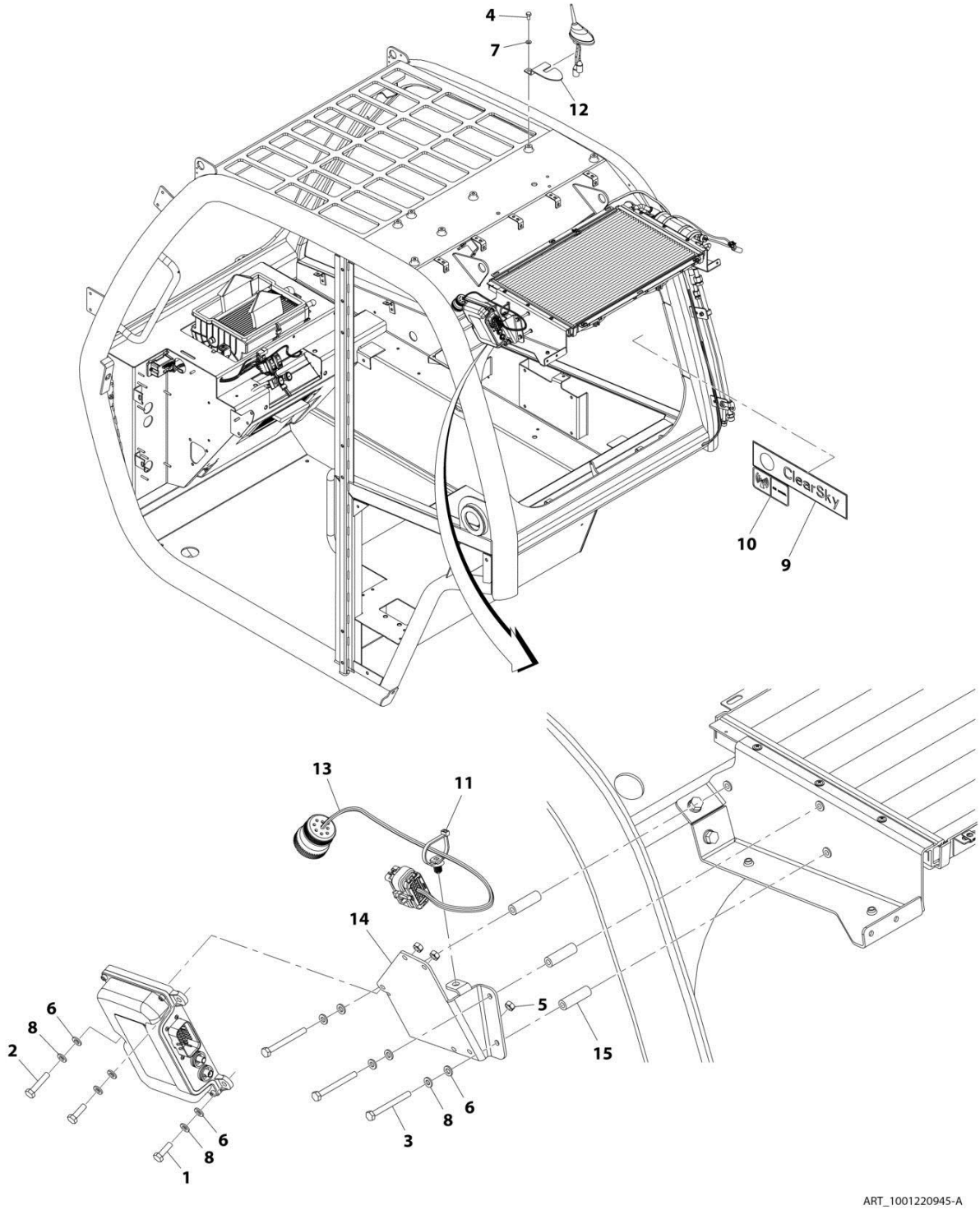


FIGURE 10-26. CLEARSKY INSTALLATION (A/C - LONG ROOF CAP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220945	Ref	Clearsky Installation (A/C-Long Roof Cap)	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	
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	Ref	Harness, Clearsky (See Separate Breakdown in this Section)	
14	1001220947	1	Bracket, Support	
15	1001220948	3	Sleeve, Spacer	

FIGURE 10-27. CLEARSKY INSTALLATION (NO A/C - SHORT ROOF CAP)

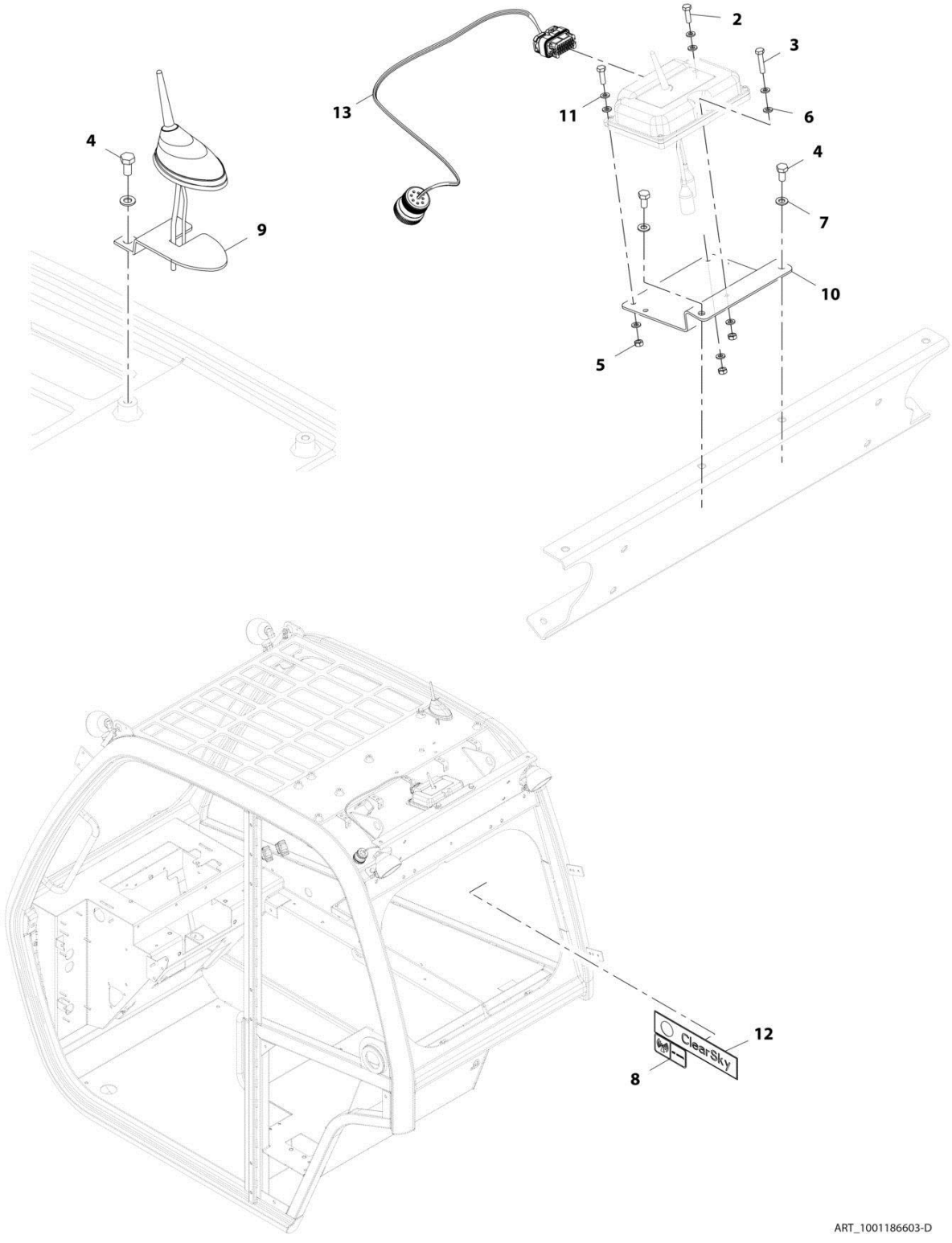


FIGURE 10-27. CLEARSKY INSTALLATION (NO A/C - SHORT ROOF CAP)

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 10-28. TELEMATICS INSTALLATION (A/C - ULS) (Prior to SN 1160008518)

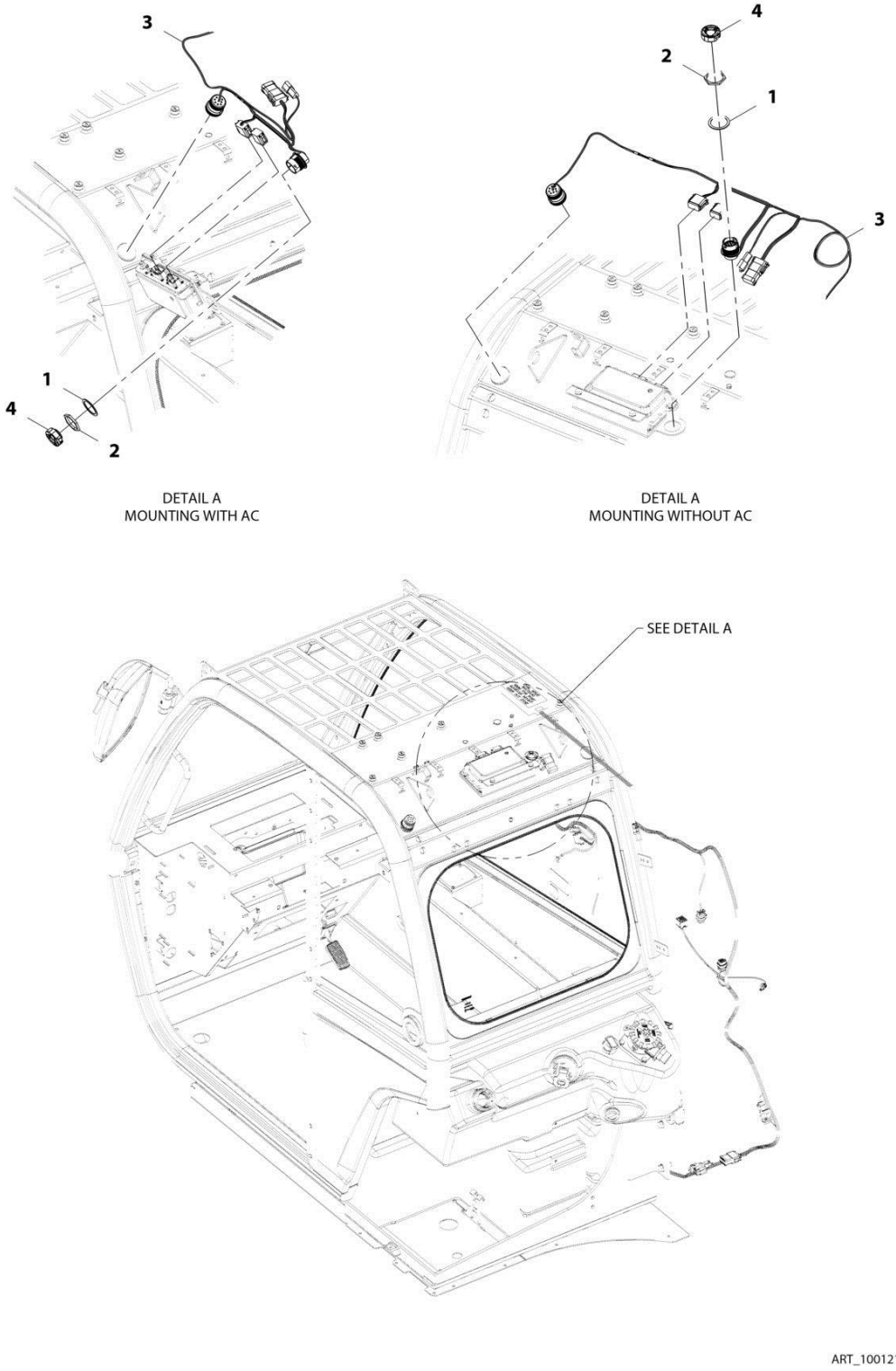


FIGURE 10-28. TELEMATICS INSTALLATION (A/C - ULS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216611	Ref	Telematics Installation (A/C - ULS)	A
1	4460496	1	Washer, Terminal Lock	
2	4460497	1	Nut, Terminal	
3	1001196898	1	Harness, Telematics (A/C) (See Separate Breakdown in this Section)	
4	1001202134	1	Cap	

FIGURE 10-29. TELEMATICS INSTALLATION (A/C - LS) (Prior to SN 1160008518)

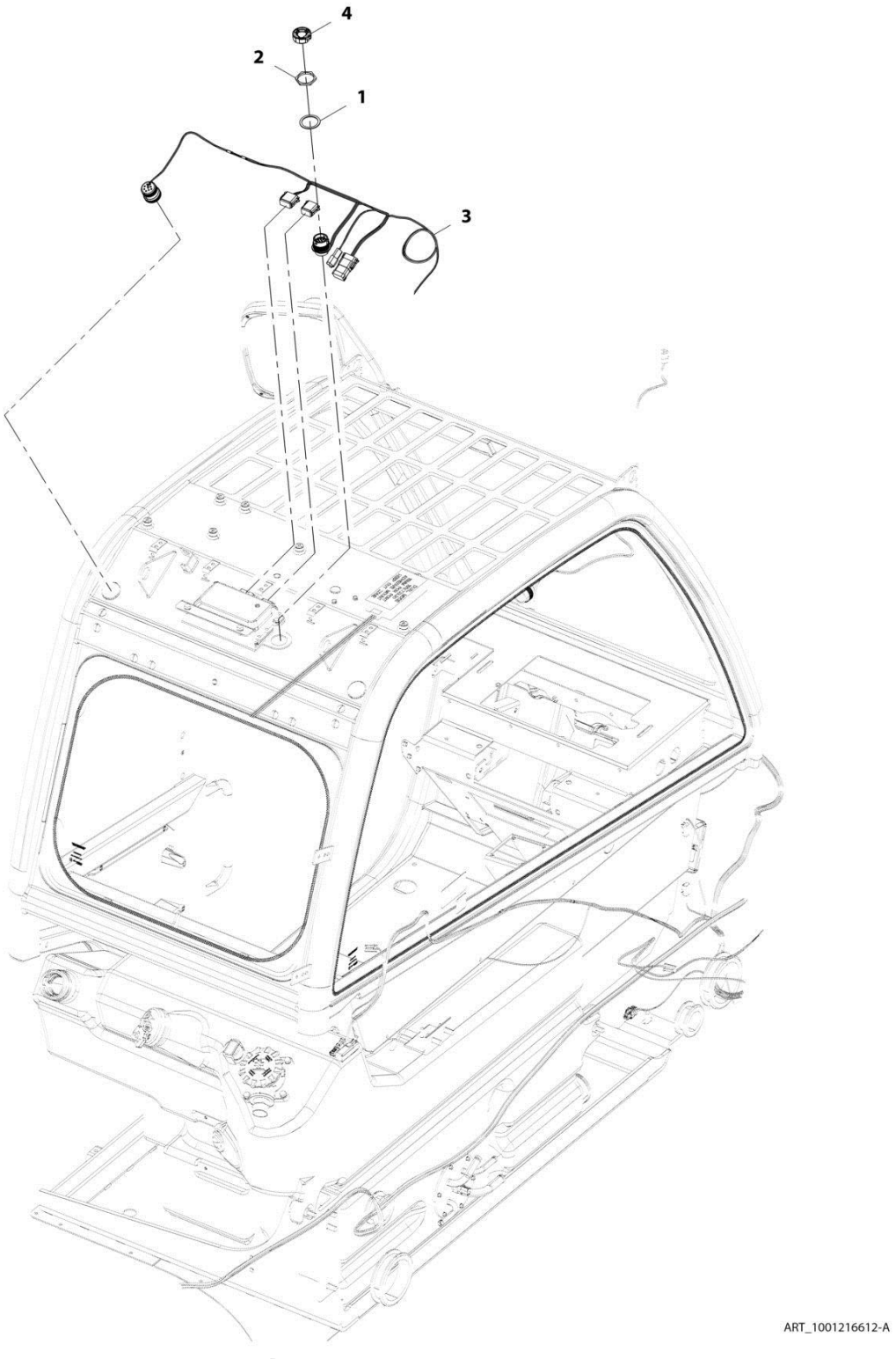


FIGURE 10-29. TELEMATICS INSTALLATION (A/C - LS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216612	Ref	Telematics Installation (A/C - LS)	A
1	4460496	1	Washer, Terminal Lock	
2	4460497	1	Nut, Terminal	
3	1001196899	1	Harness, Telematics (A/C) (See Separate Breakdown in this Section)	
4	1001202134	1	Cap	

FIGURE 10-30. TELEMATICS INSTALLATION (NO A/C - ULS) (Prior to SN 1160008518)

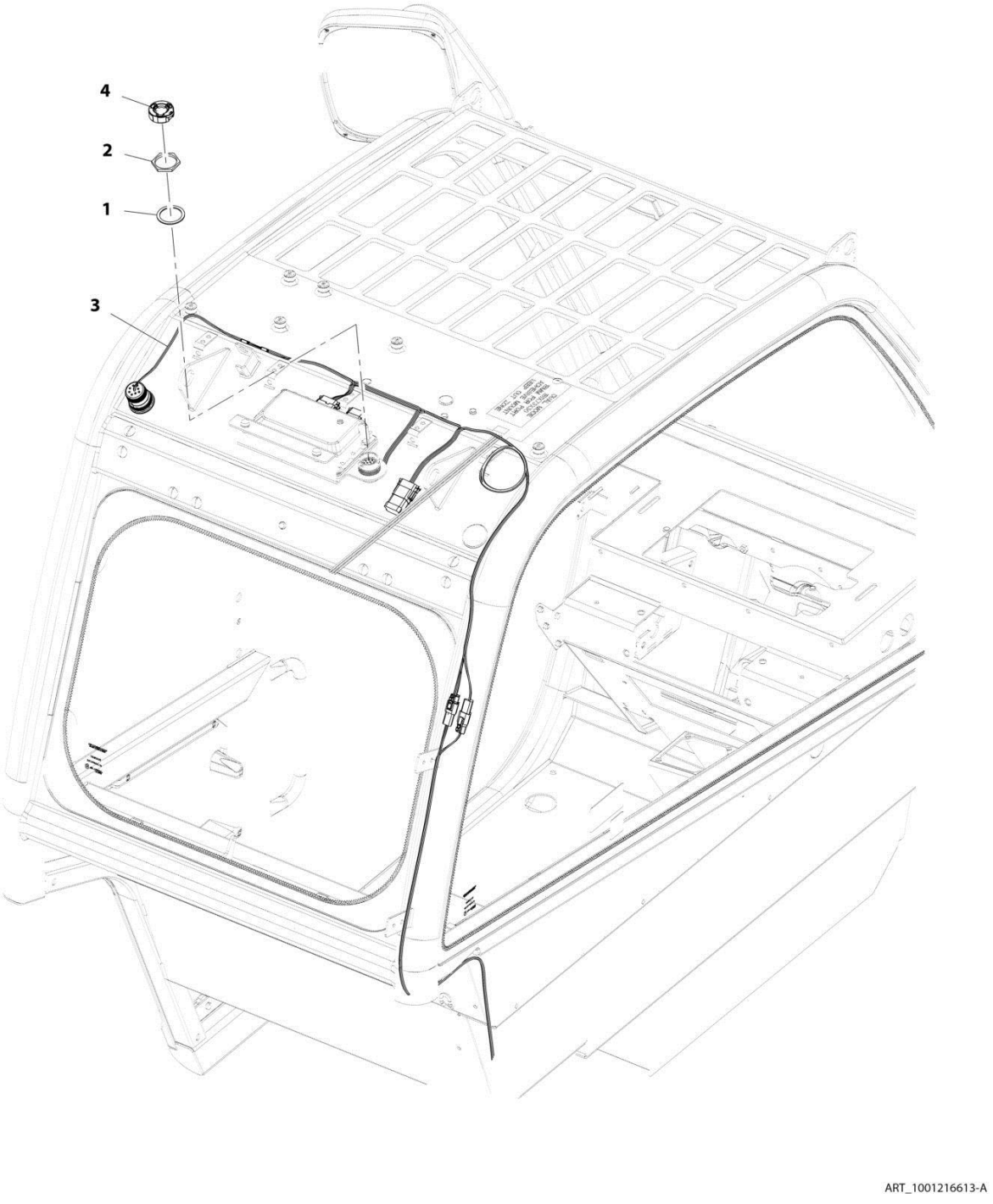


FIGURE 10-30. TELEMATICS INSTALLATION (NO A/C - ULS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216613	Ref	Telematics Installation (No A/C - ULS)	A
1	4460496	1	Washer, Terminal Lock	
2	4460497	1	Nut, Terminal	
3	1001196900	1	Harness, Telematics (No A/C) (See Separate Breakdown in this Section)	
4	1001202134	1	Cap	

FIGURE 10-31. TELEMATICS CAP INSTALLATION

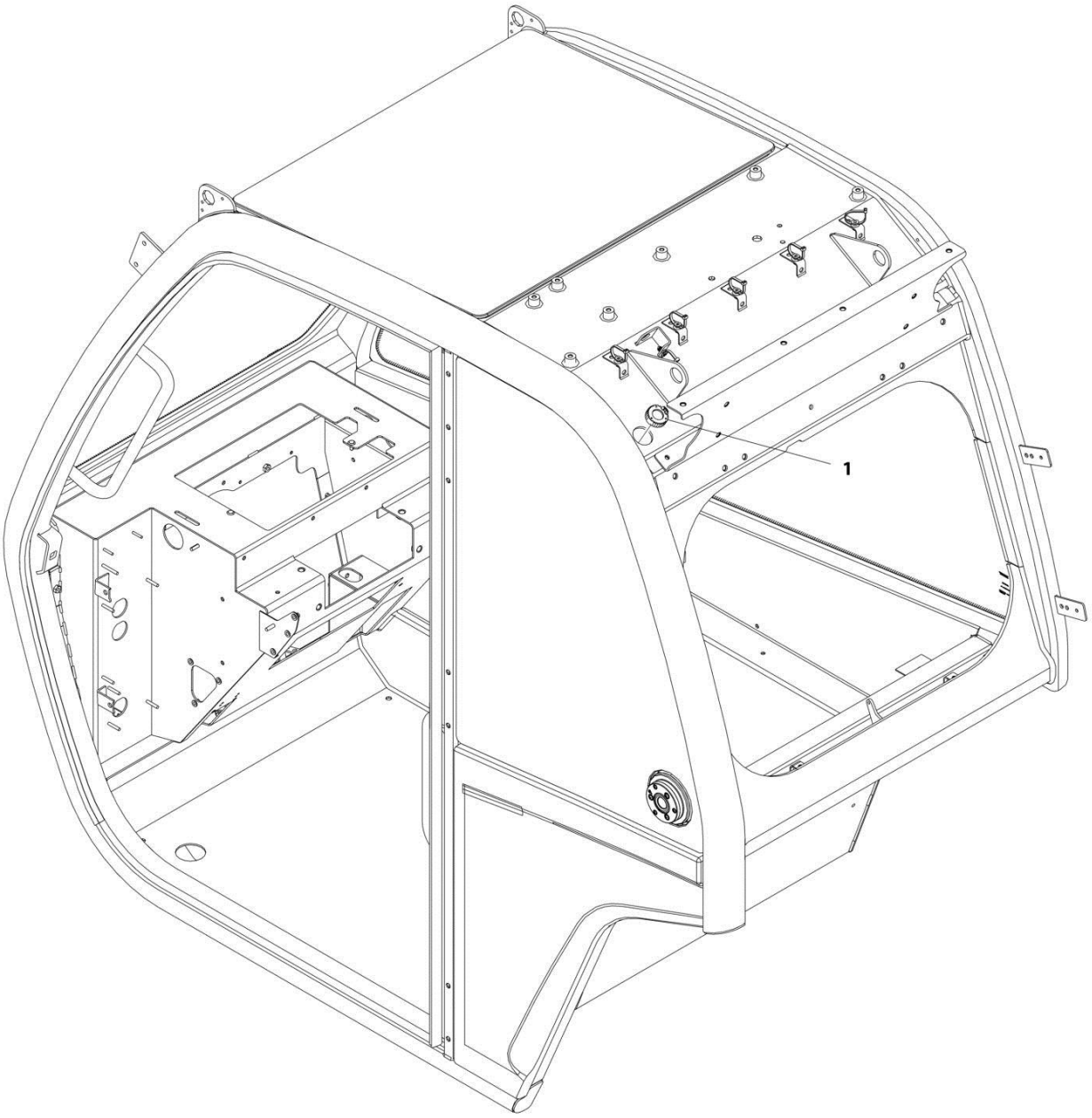


FIGURE 10-31. TELEMATICS CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201161	Ref	Telematics Cap Installation	A
1	1001201162	1	Cap	

FIGURE 10-32. CAB WORKLIGHTS INSTALLATION (NO A/C)

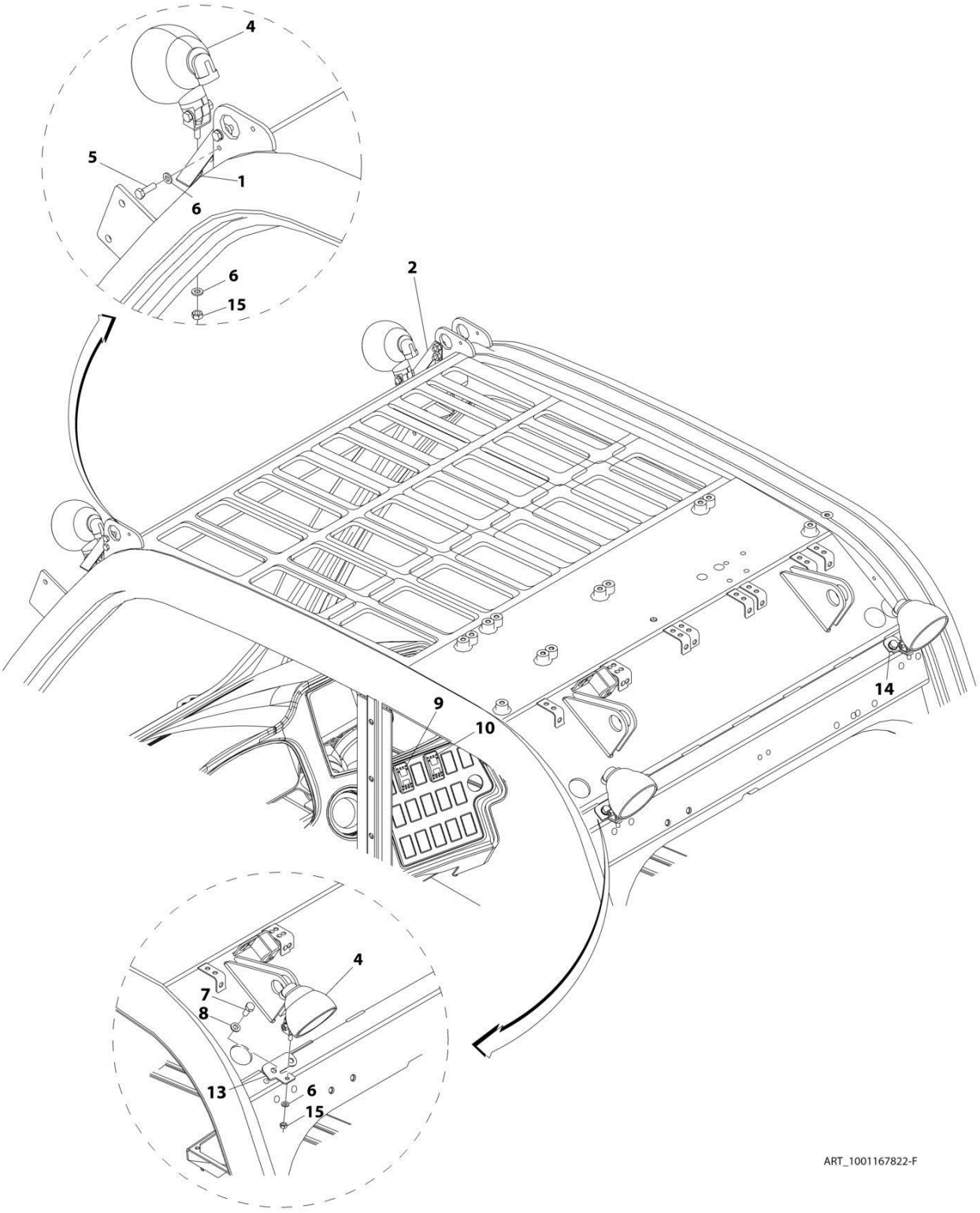


FIGURE 10-32. CAB WORKLIGHTS INSTALLATION (NO A/C)

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 10-33. CAB WORKLIGHTS INSTALLATION (A/C)

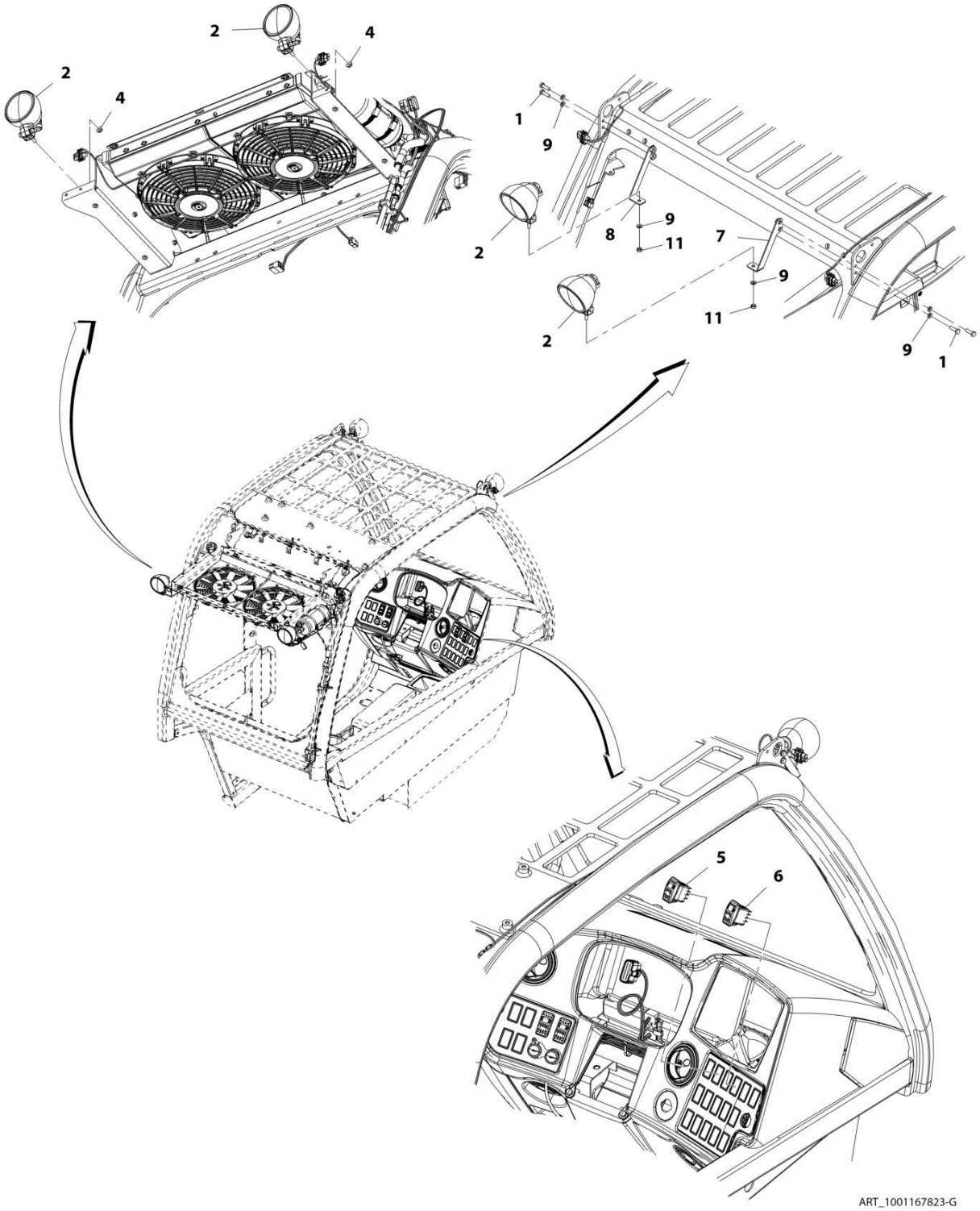


FIGURE 10-33. CAB WORKLIGHTS INSTALLATION (A/C)

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 10-34. CAB WORKLIGHTS INSTALLATION (NO A/C - LED)

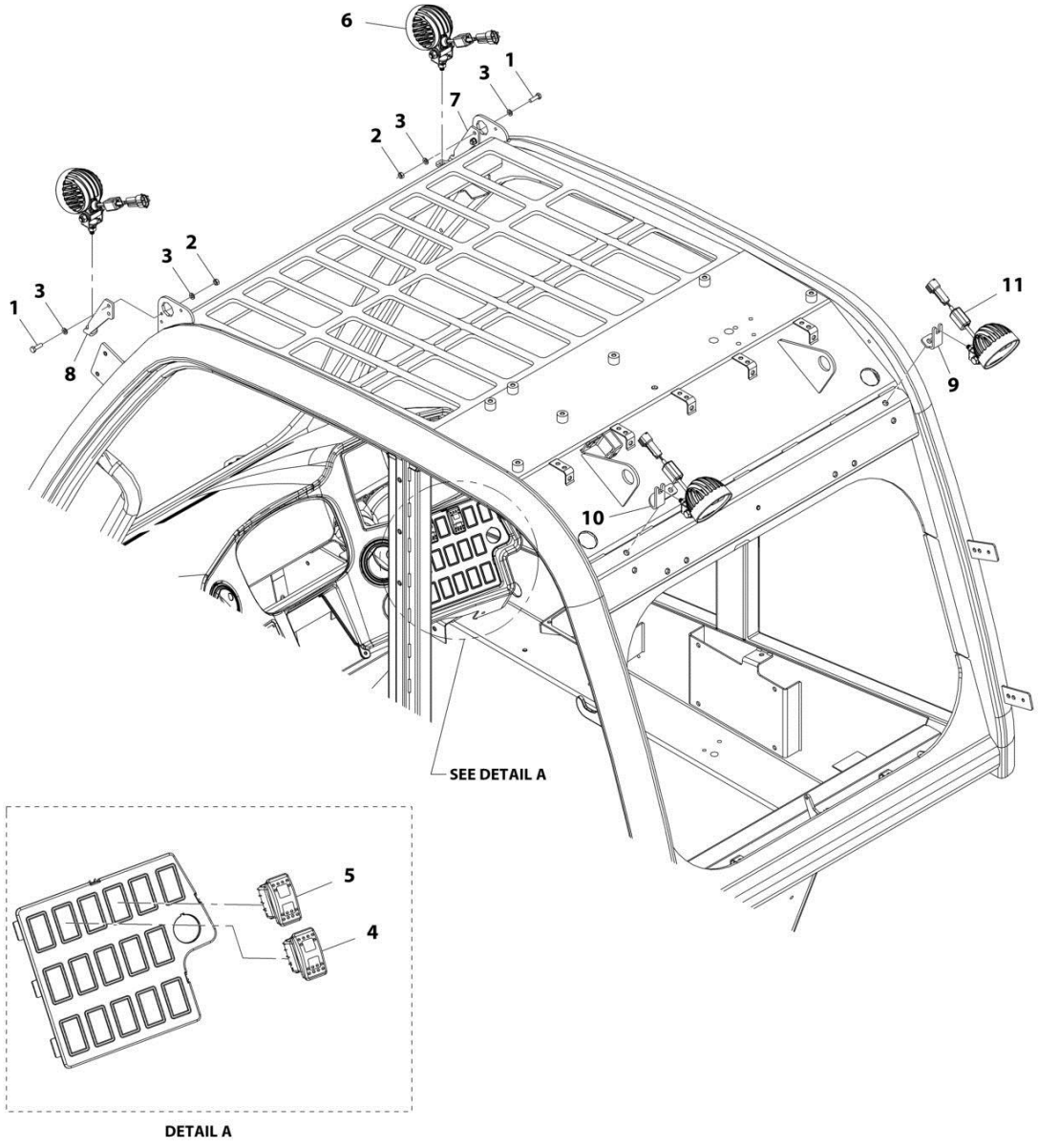


FIGURE 10-34. CAB WORKLIGHTS INSTALLATION (NO A/C - LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200538	Ref	Cab Worklights Installation (No A/C - LED)	C
1	0700610	4	Bolt, M6X20	
2	3290601	4	Nut, M6X1	
3	4811700	8	Washer, M6	
4	1001159845	1	Switch, Front Worklights	
5	1001159846	1	Switch, Rear Worklights	
6	1001203640	4	Lamp, LED Work Light	
7	1001204444	1	Support, LED Work Light RH	
8	1001204445	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 10-35. CAB WORKLIGHTS INSTALLATION (A/C - LED)

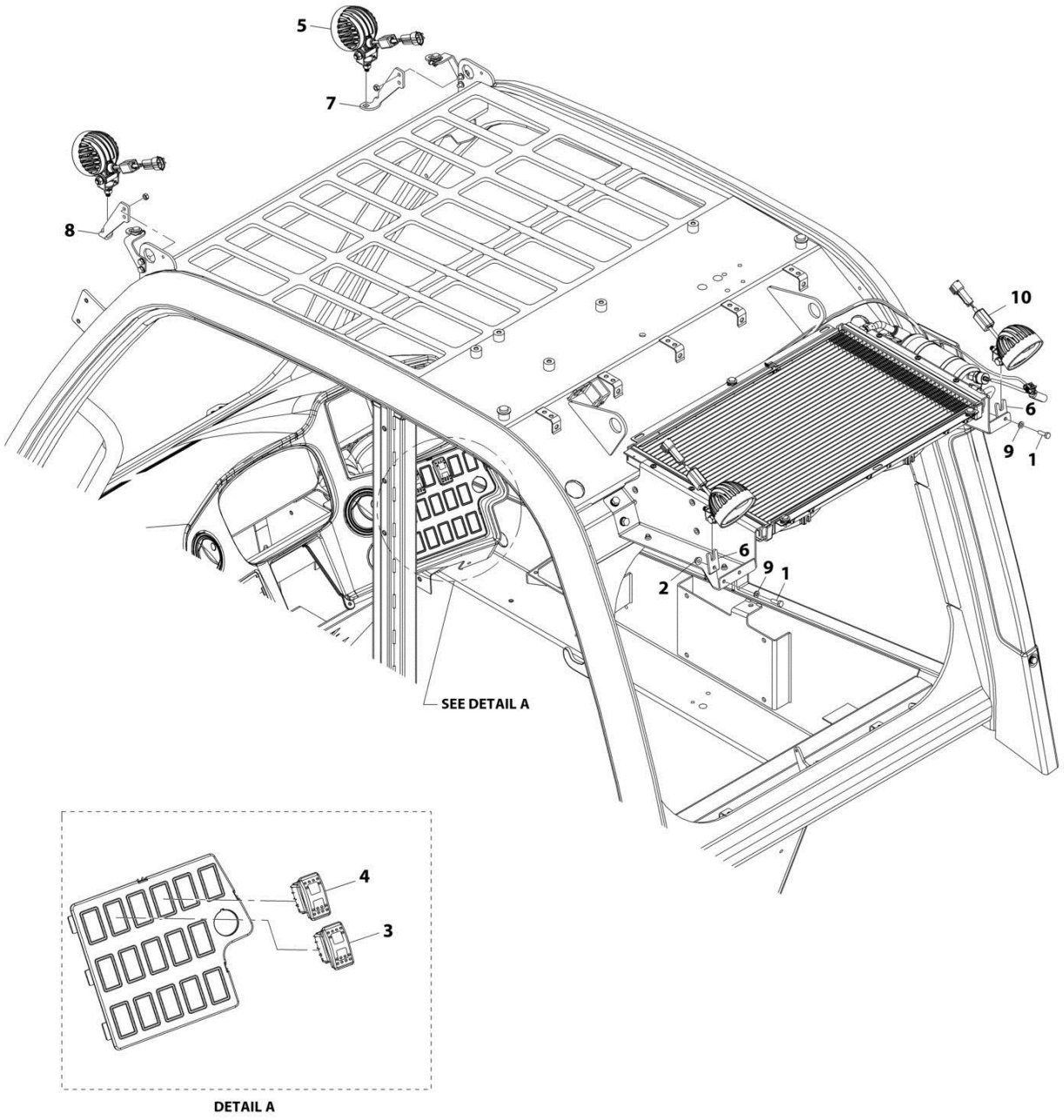
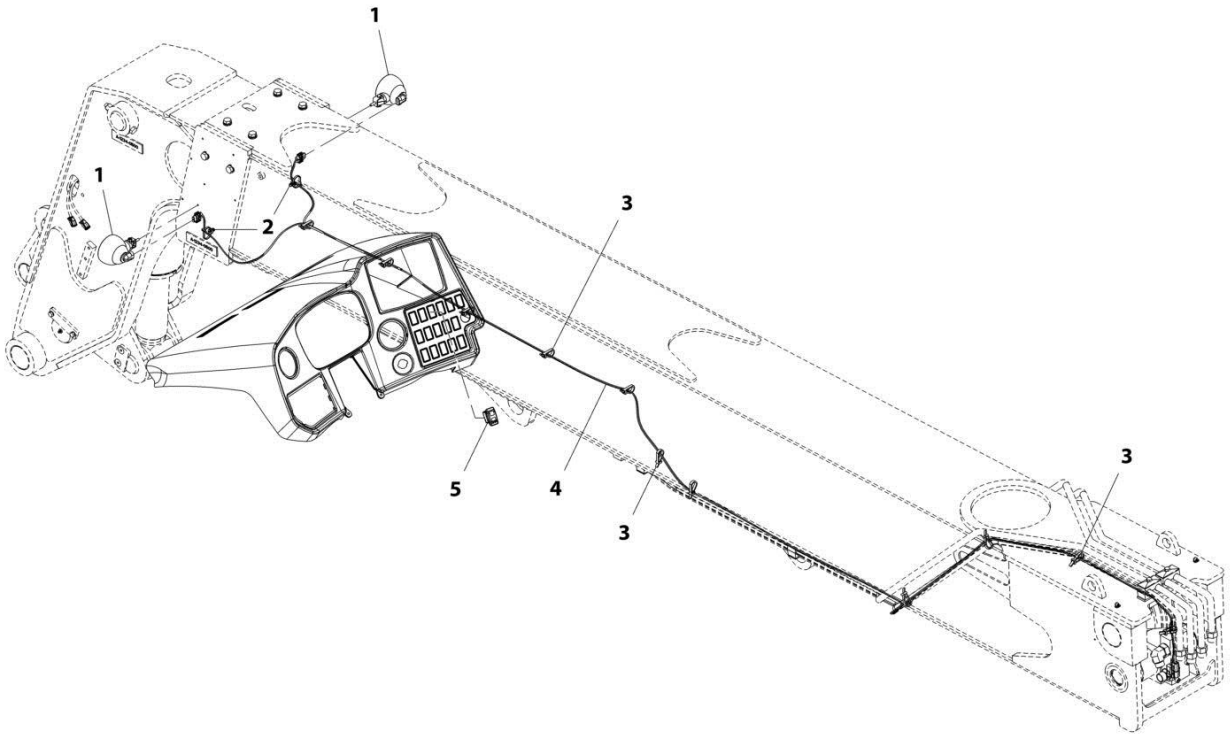


FIGURE 10-35. CAB WORKLIGHTS INSTALLATION (A/C - LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200539	Ref	Cab Worklights Installation (A/C - LED)	C
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	1001204444	1	Support, LED Work Light RH	
8	1001204445	1	Support, LED Work Light LH	
9	4811700	2	Washer, M6	
10	1001228989	4	Harness, Ferrite	

FIGURE 10-36. BOOM WORKLIGHTS INSTALLATION



ART_1001180529-C

FIGURE 10-36. BOOM WORKLIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180529	Ref	Boom Worklights Installation	C
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 10-37. BOOM LED WORKLIGHTS INSTALLATION

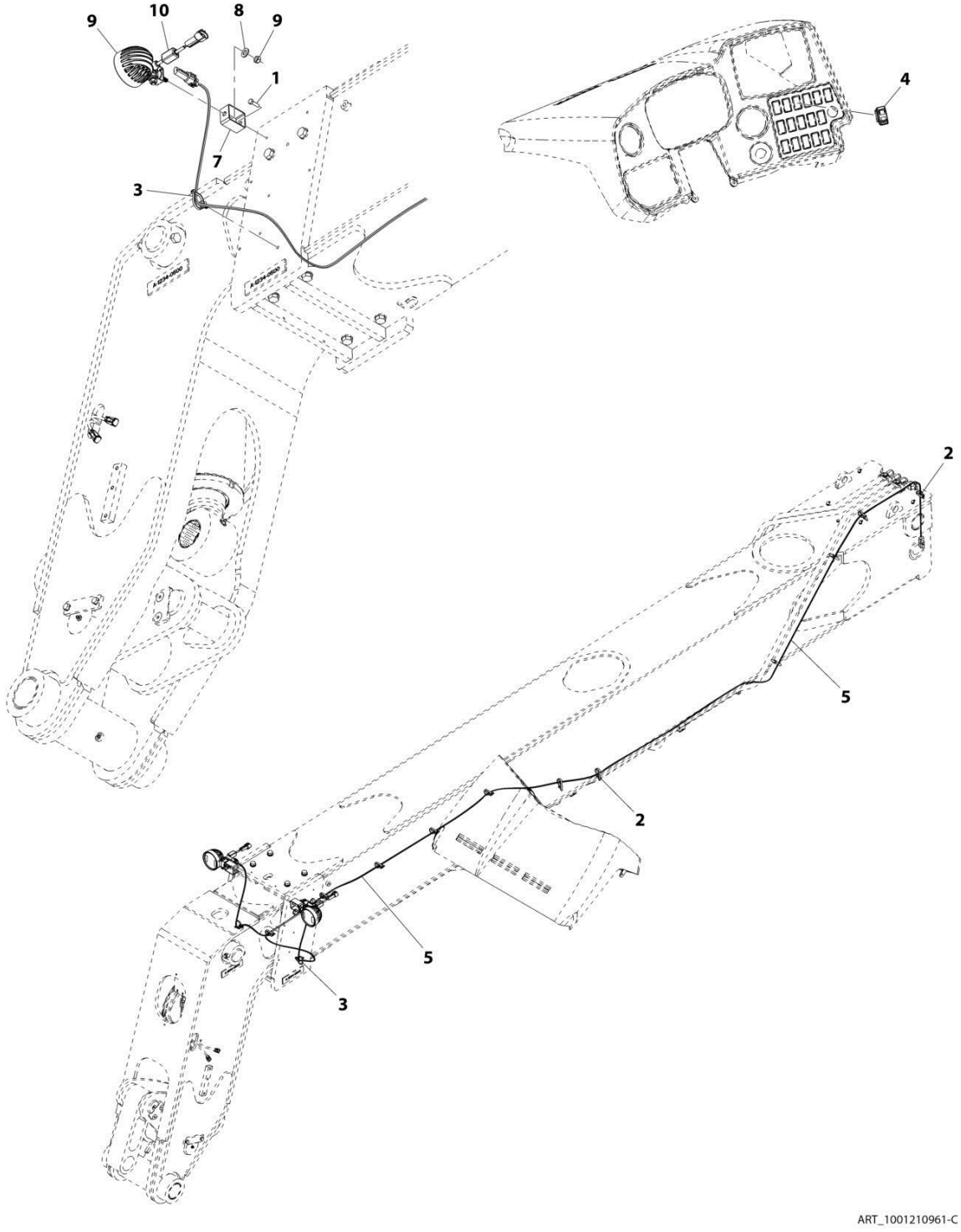


FIGURE 10-37. BOOM LED WORKLIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210961	Ref	Boom LED Worklights Installation	C
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 10-38. BEACON LIGHT INSTALLATION

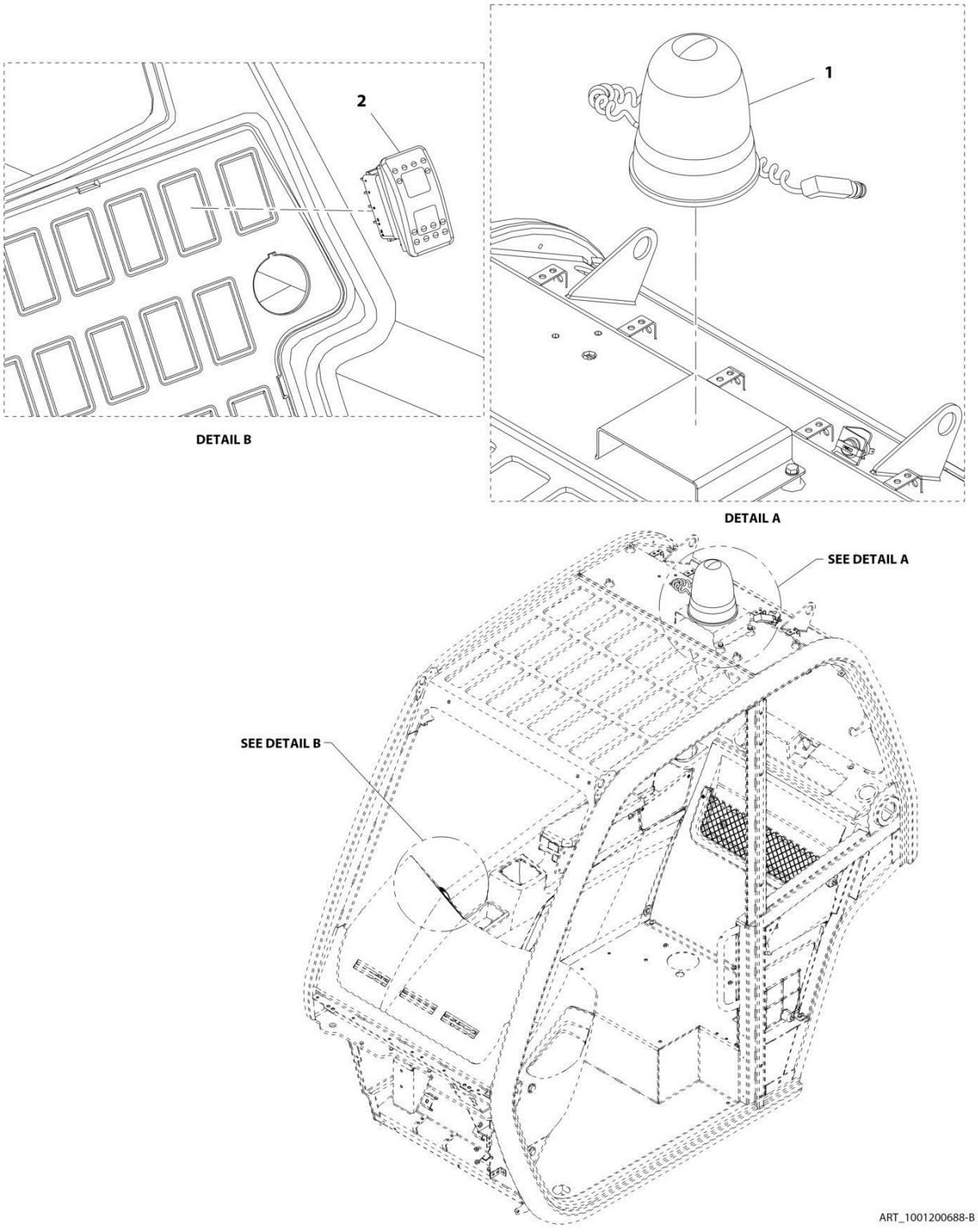


FIGURE 10-38. BEACON LIGHT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200688	Ref	Beacon Light Installation	B
1	1001217623	1	Light, Warning	
2	1001159738	1	Switch, Beacon	

FIGURE 10-39. BEACON BRACKET INSTALLATION (Prior to SN 1160008518)

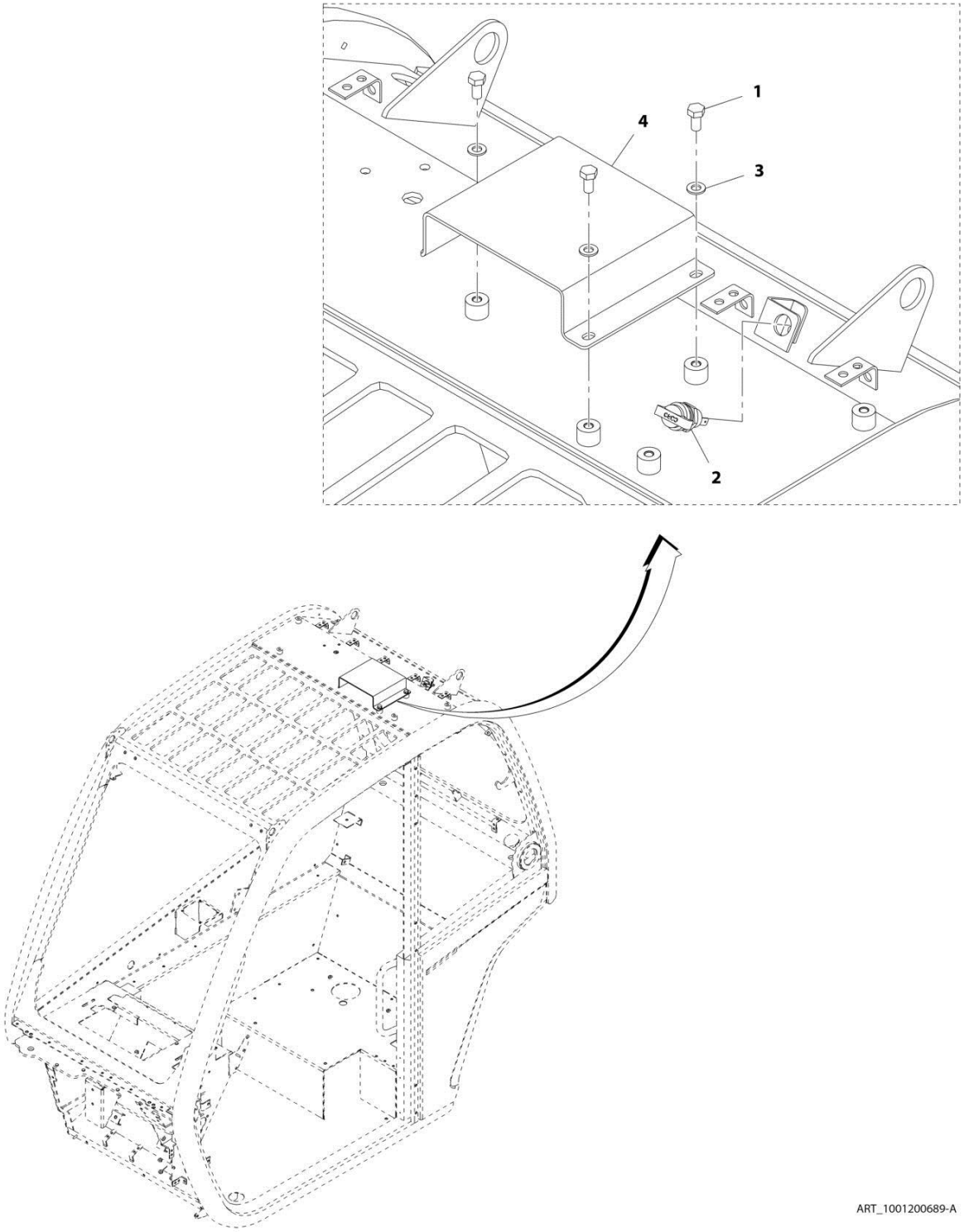


FIGURE 10-39. BEACON BRACKET INSTALLATION (Prior to SN 1160008518)

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 10-40. BEACON BRACKET INSTALLATION (AG) (SN 1160008518 to Present)

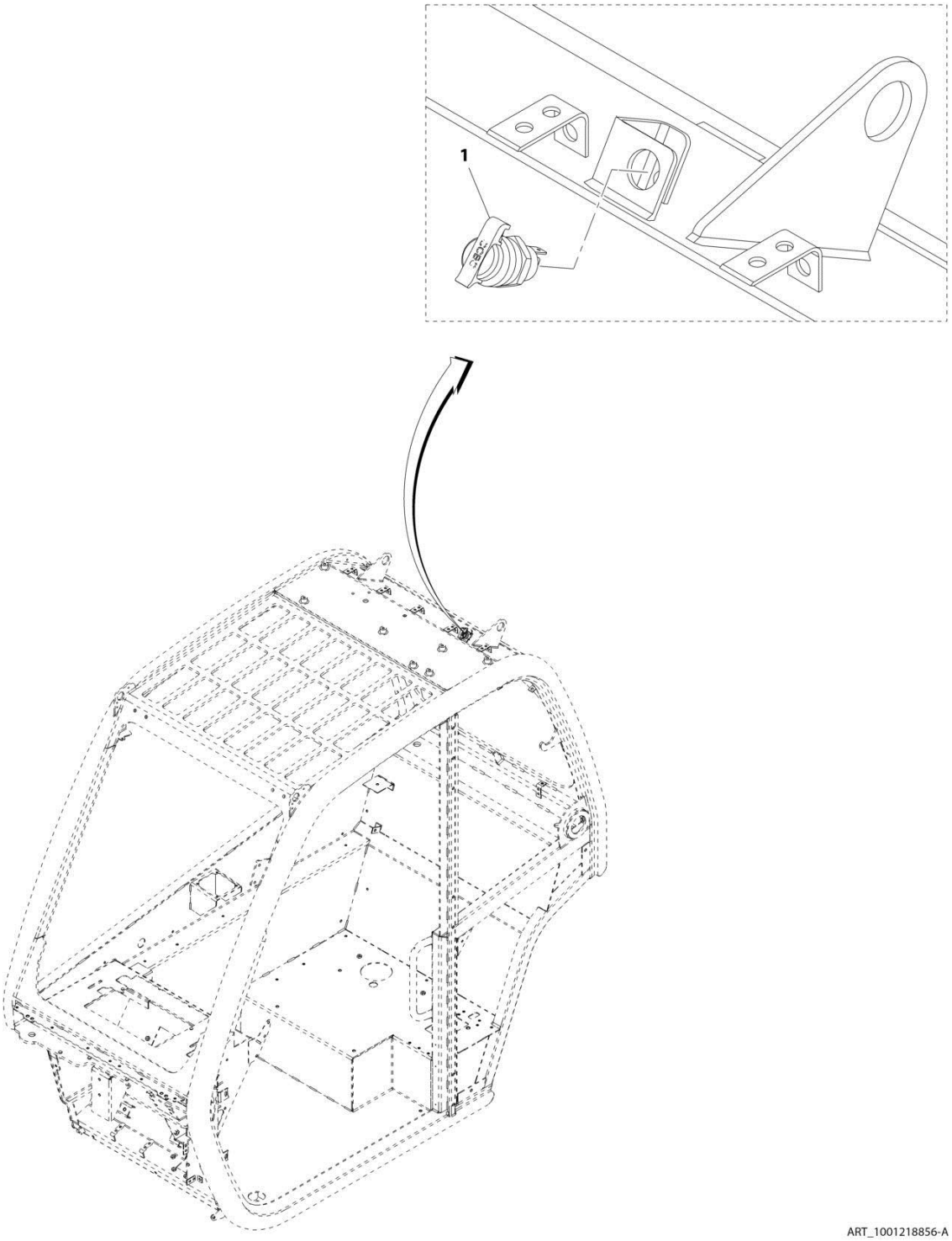


FIGURE 10-40. BEACON BRACKET INSTALLATION (AG) (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001218856	Ref	Beacon Bracket Installation	A
1	4461174	1	Terminal	

FIGURE 10-41. DIP LIGHTS INSTALLATION (RHD - NO OUTRIGGERS)

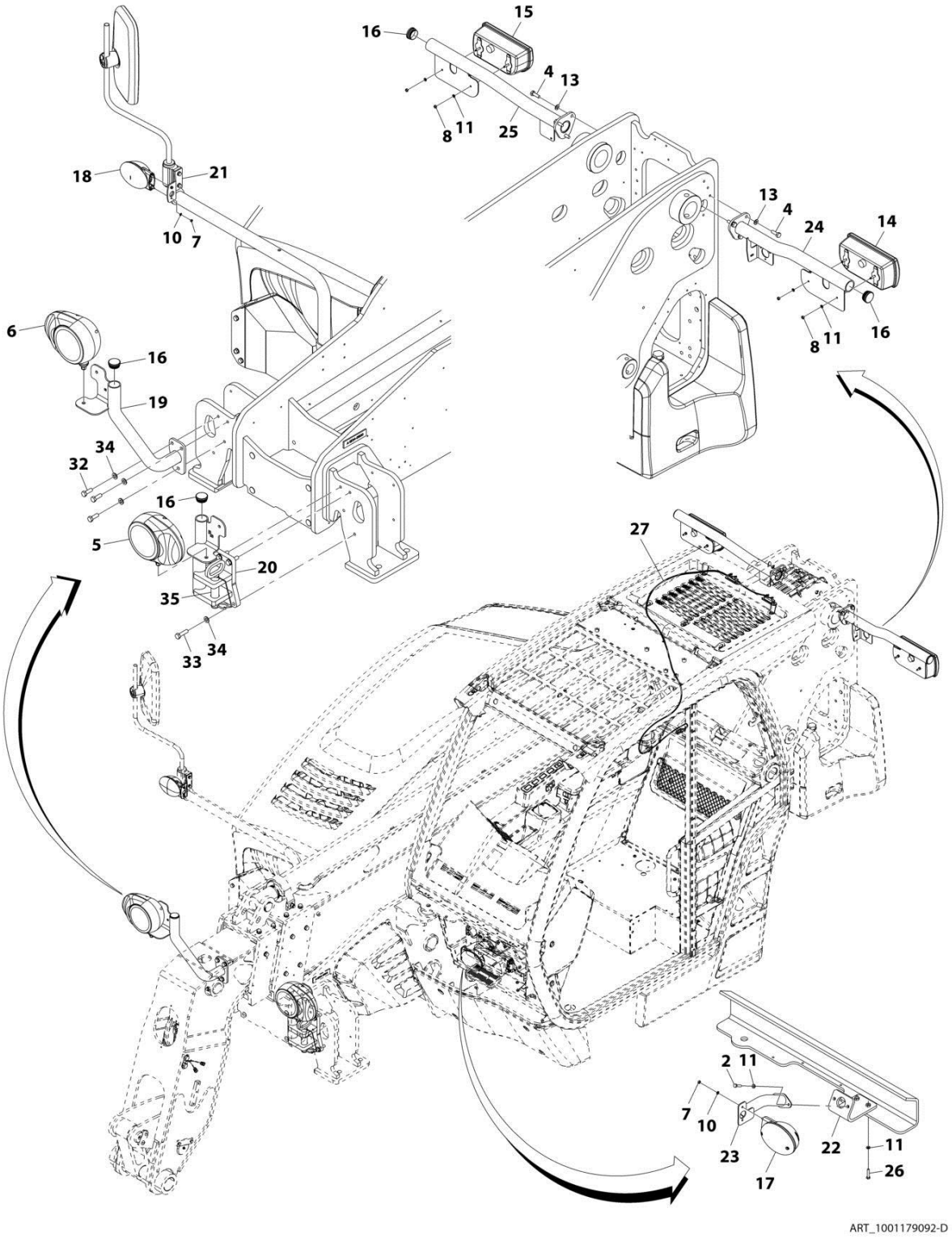


FIGURE 10-41. DIP LIGHTS INSTALLATION (RHD - NO OUTRIGGERS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179092	Ref	Dip Lights Installation (RHD - No Outriggers)	D
2	0700612	2	Bolt, M6X25	
4	0761014	6	Bolt, M10X30	
5	2920207	1	Driving Light (RHD - LH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
6	2920208	1	Driving Light (RHD - RH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
7	3290501	4	Nut, M5X0.8 Grade 8	
8	3290601	4	Nut, M6X1 Grade 8	
10	4811600	4	Washer, M5	
11	4811700	8	Washer, M6	
13	4812000	6	Washer, M10	
14	1001091715	1	Lamp, Rear (LH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
15	1001091716	1	Lamp, Rear (RH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
16	1001096913	4	Bracket	
17	1001105167	1	Sidelight (LH)	
	70021340	1	Bulb, 21W	
	70021341	1	Bulb, 5W	
	70027287	1	Lens	
18	1001105168	1	Sidelight (RH)	
	70021340	1	Bulb, 21W	
	70021341	1	Bulb, 5W	
	70027287	1	Lens	
19	1001198621	1	Bracket	
20	1001208531	1	Bracket	
21	1001208763	1	Bracket	
22	1001197015	1	Mount	
23	1001198796	1	Bracket	
24	1001213825	1	Bracket	
25	1001213826	1	Bracket	
26	0700614	2	Bolt, M6X30	
27	1001189569	Ref	Installation, License Plate Lamp (See Separate Breakdown in this Section)	
32	0701215	3	Bolt, M12X35	
33	0701217	4	Bolt, M12X45	
34	4812100	7	Washer, M12	
35	1001003391	1	Pin	

FIGURE 10-42. DIP LIGHTS INSTALLATION (LHD - NO OUTRIGGERS)

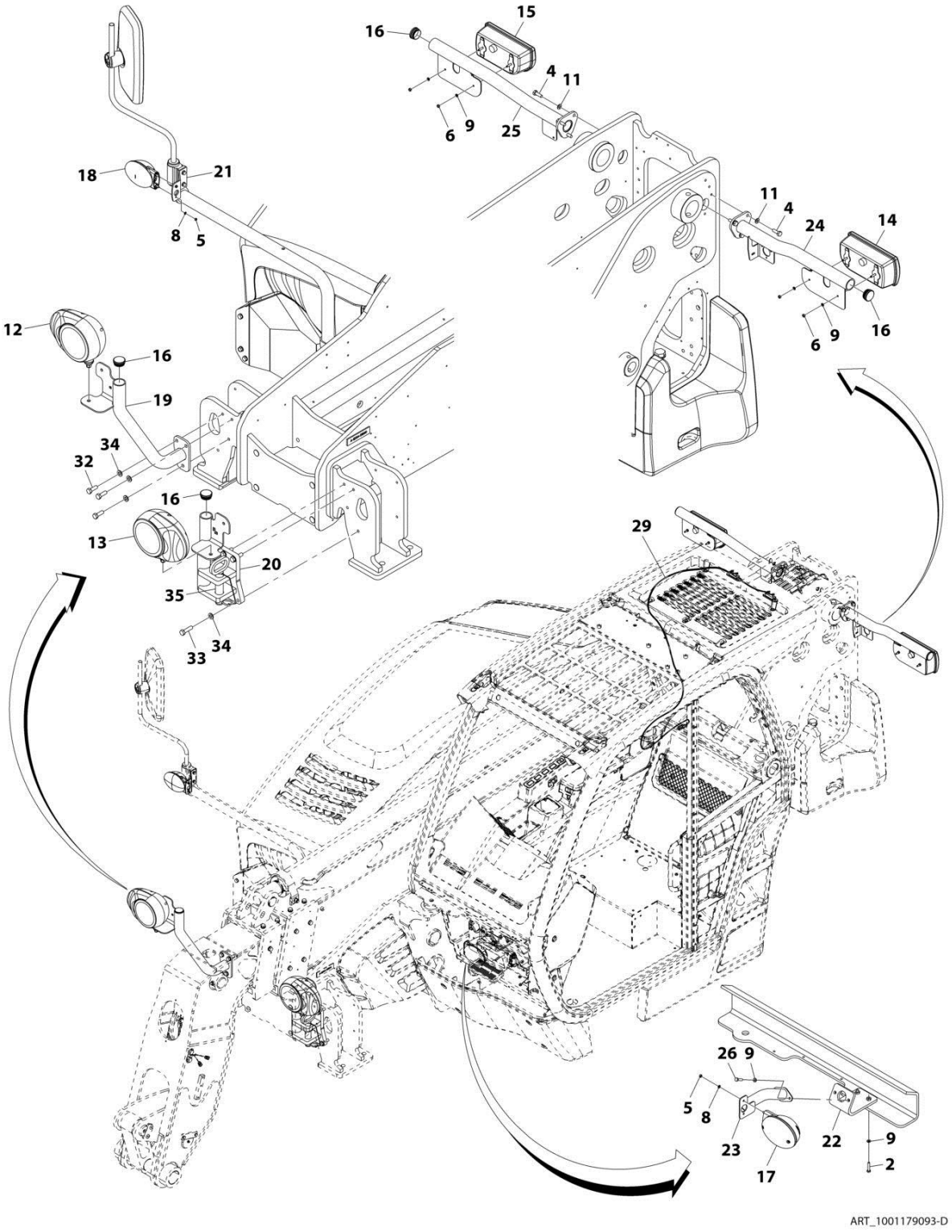


FIGURE 10-42. DIP LIGHTS INSTALLATION (LHD - NO OUTRIGGERS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179093	Ref	Dip Lights Installation (LHD - No Outriggers)	D
2	0700614	2	Bolt, M6X30	
4	0761014	6	Bolt, M10X30	
5	3290501	4	Nut, M5X0.8 Grade 8	
6	3290601	4	Nut, M6X1 Grade 8	
8	4811600	4	Washer, M5	
9	4811700	8	Washer, M6	
11	4812000	6	Washer, M10	
12	1001002778	1	Light, Driving (LHD - RH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
13	1001002779	1	Light, Driving (LHD - LH)	
	7029969	1	Bulb, 4W	
	7029970	1	Bulb, 55W	
	7029971	1	Bulb, 21W	
14	1001091715	1	Lamp, Rear (LH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
15	1001091716	1	Lamp, Rear (RH)	
	70021341	1	Bulb, 5W	
	70021340	1	Bulb, 21W	
	7029971	1	Bulb, 21W	
16	1001096913	4	Bracket	
17	1001105167	1	Sidelight (LH)	
	70021340	1	Bulb, 21W	
	70021341	1	Bulb, 5W	
	70027287	1	Lens	
18	1001105168	1	Sidelight (RH)	
	70021340	1	Bulb, 21W	
	70021341	1	Bulb, 5W	
	70027287	1	Lens	
19	1001198621	1	Bracket	
20	1001208531	1	Bracket	
21	1001208763	1	Bracket	
22	1001197015	1	Mount	
23	1001198796	1	Bracket	
24	1001213825	1	Bracket	
25	1001213826	1	Bracket	
26	0700612	2	Bolt, M6X25	
29	1001189569	Ref	Installation, License Plate Lamp (See Separate Breakdown in this Section)	
32	0701215	3	Bolt, M12X35	
33	0701217	4	Bolt, M12X45	
34	4812100	7	Washer, M12	
35	1001003391	1	Pin	

FIGURE 10-43. LICENSE PLATE LAMP INSTALLATION

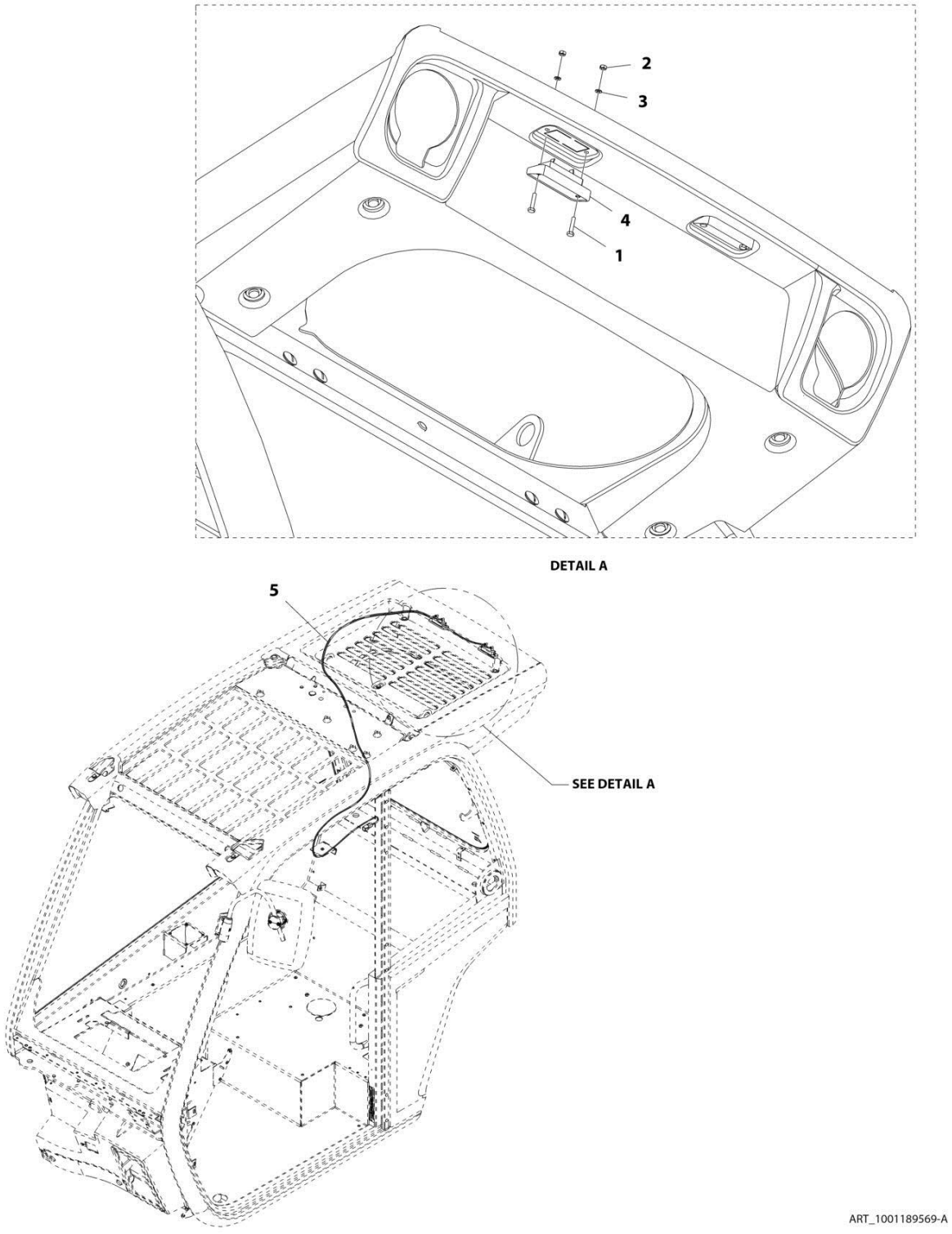


FIGURE 10-43. LICENSE PLATE LAMP INSTALLATION

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 10-44. TRAILER ELECTRICS INSTALLATION

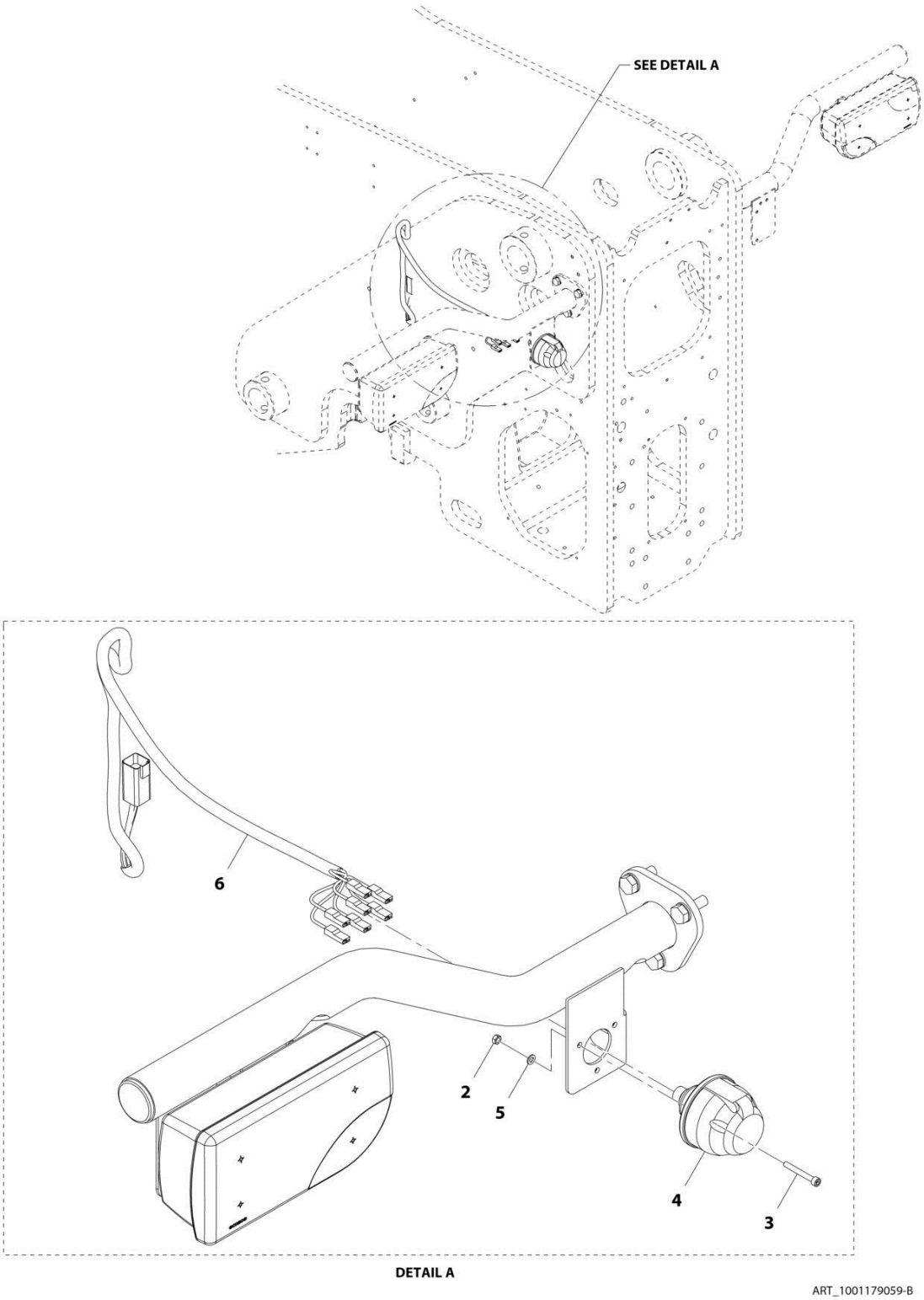
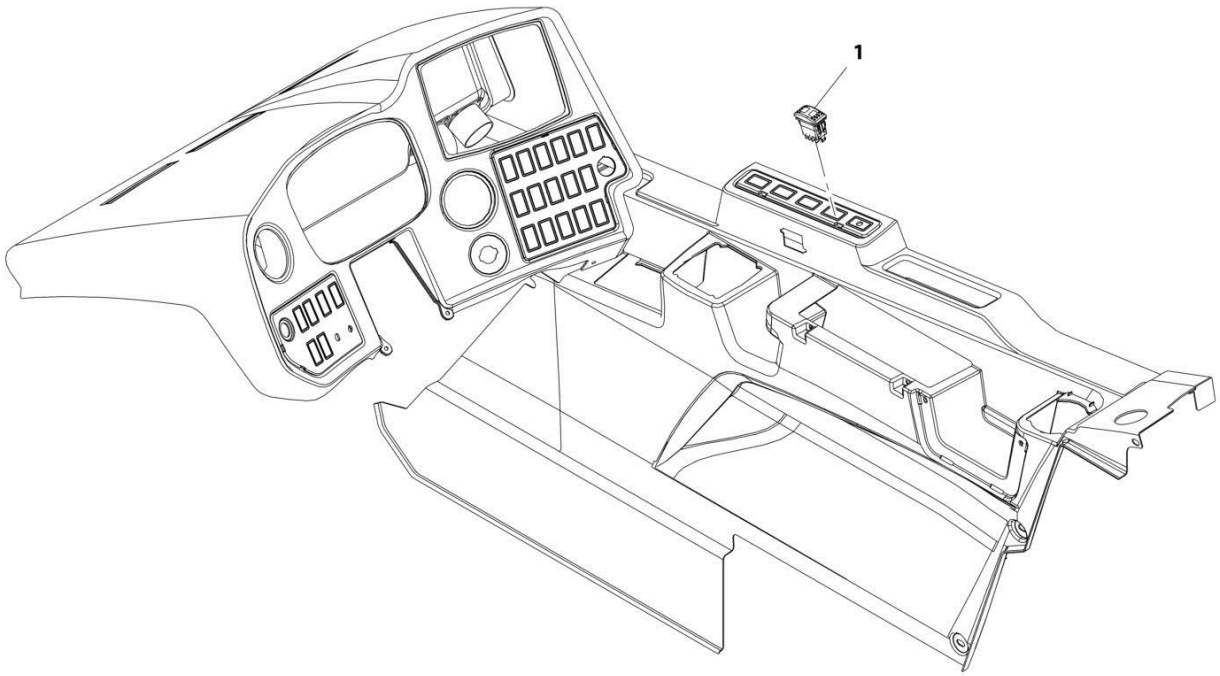


FIGURE 10-44. TRAILER ELECTRICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179059	Ref	Trailer Electrics Installation	B
2	3290501	3	Nut, M5X0.8	
3	4031612	3	Bolt, M5X40	
4	4461170	1	Connector	
5	4811600	3	Washer, M5	
6	1001184839	1	Harness, Link Trailer (See Separate Breakdown in this Section)	

FIGURE 10-45. ENGINE SPEED SET SWITCH INSTALLATION

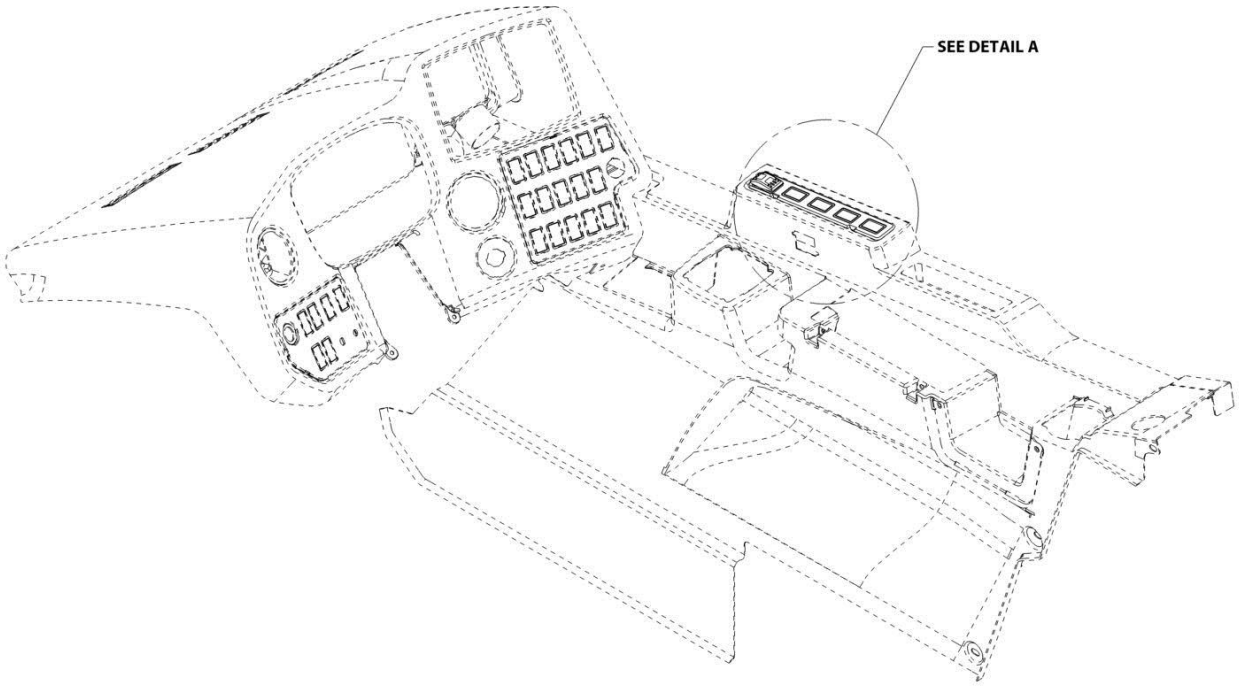


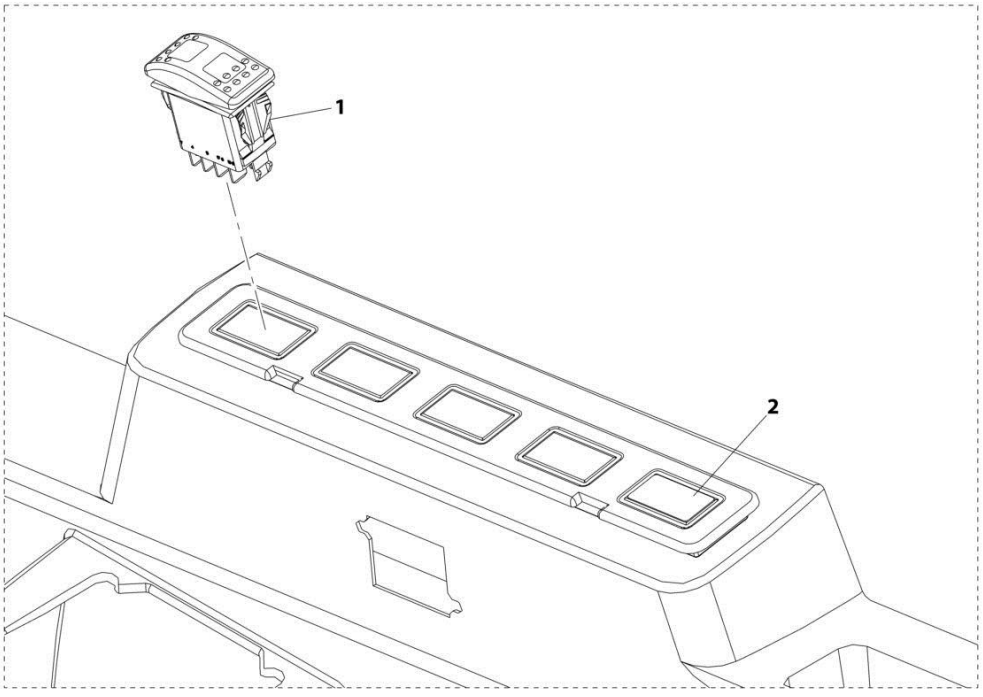
ART_1001197639-B

FIGURE 10-45. 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 10-46. DECLUTCH SWITCH INSTALLATION





DETAIL A

ART_1001202430-B

FIGURE 10-46. DECLUTCH SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202430	Ref	Declutch Switch Installation	B
1	1001202421	1	Switch	
2	1001226481	1	Decal, Blank	

FIGURE 10-47. FOG LAMP SWITCH INSTALLATION (Prior to SN 1160008518)

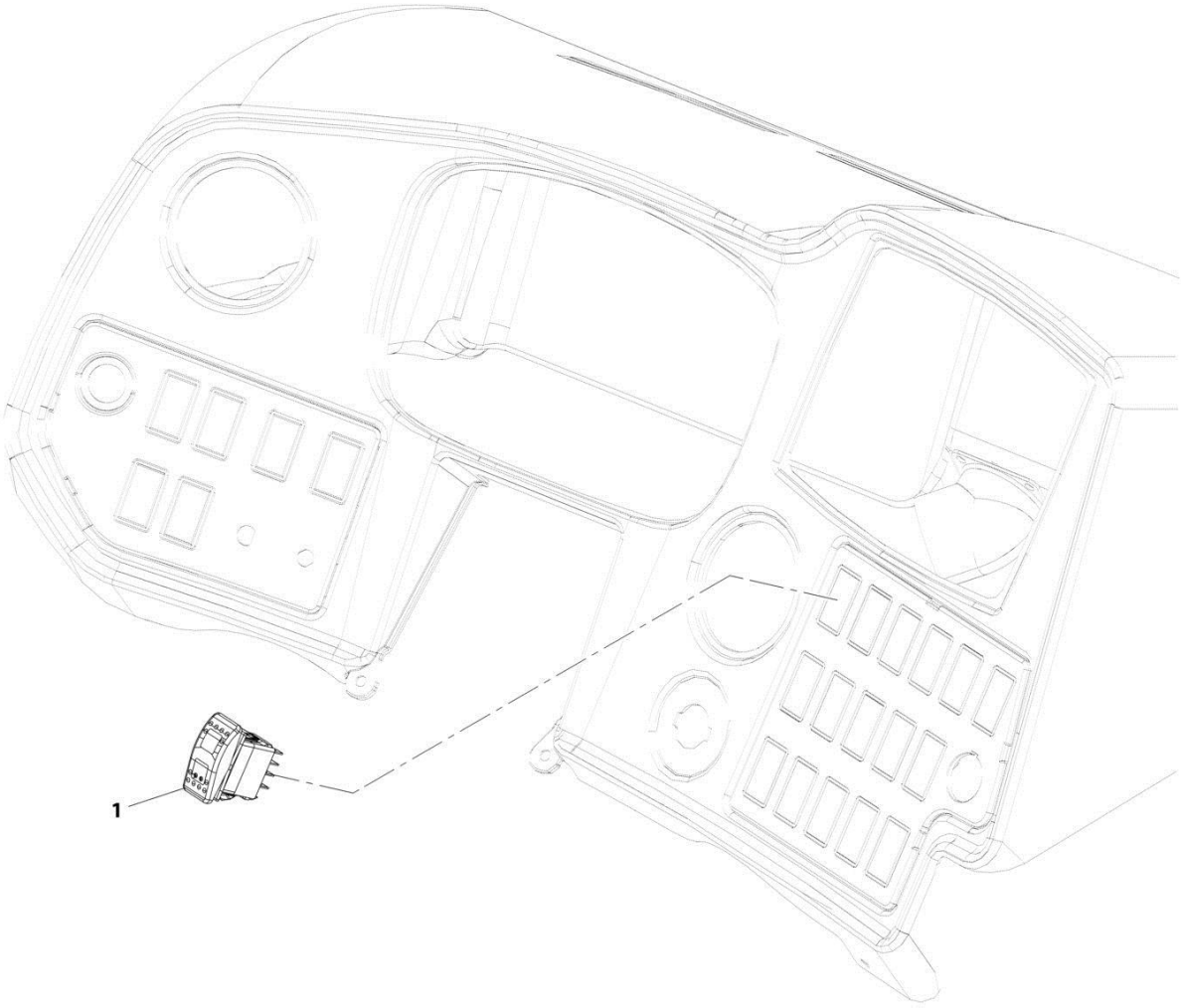


FIGURE 10-47. FOG LAMP SWITCH INSTALLATION (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186714	Ref	Fog Lamp Switch Installation	A
1	1001159737	1	Switch, Fog Lights	

FIGURE 10-48. LSI SENSOR INSTALLATION

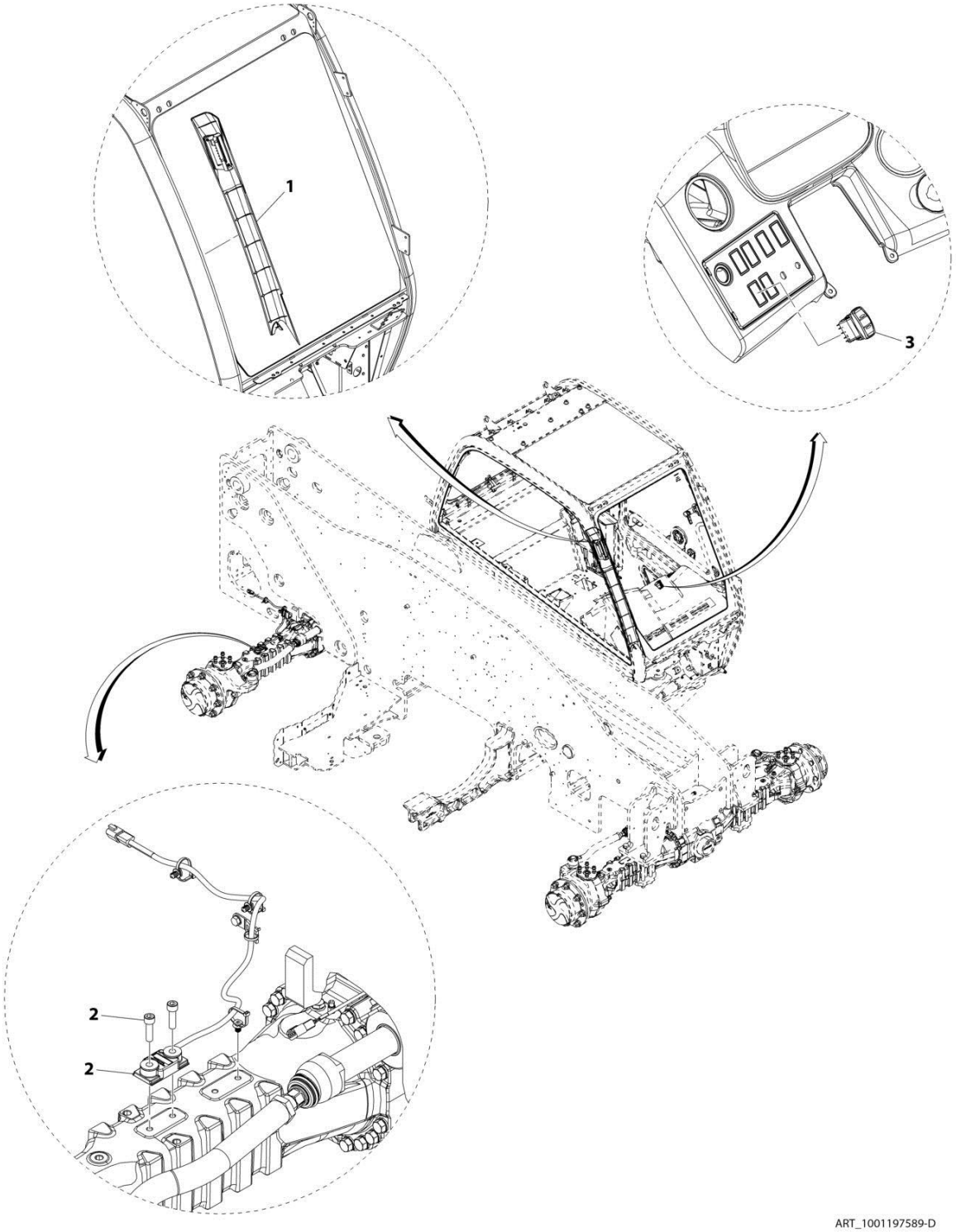


FIGURE 10-48. LSI SENSOR INSTALLATION

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 10-49. LSI DISPLAY INSTALLATION

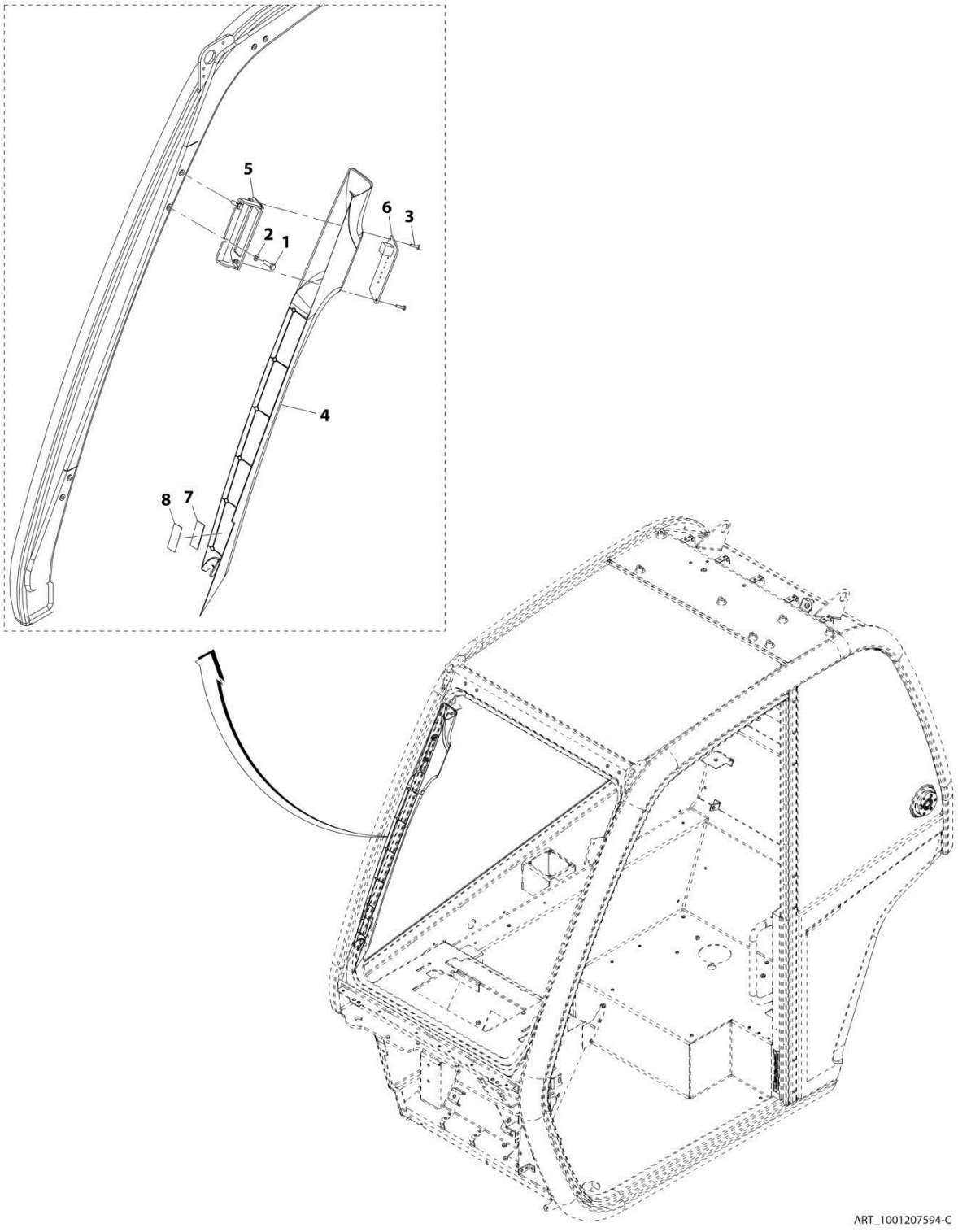


FIGURE 10-49. LSI DISPLAY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207594	Ref	LSI Display Installation	C
1	0760610	2	Bolt, M6X20	
2	4811700	2	Washer, M6	
3	1001126837	2	Screw, M4X16	
4	1001182839	1	Cover	
5	1001214401	1	Bracket	
6	1001213752	1	Display, LSI	
7	1001221318	1	Tape, Hook Fastener	
8	1001221319	1	Tape, Hook Fastener	

FIGURE 10-50. LSI SENSOR (Prior to SN 1160008518)

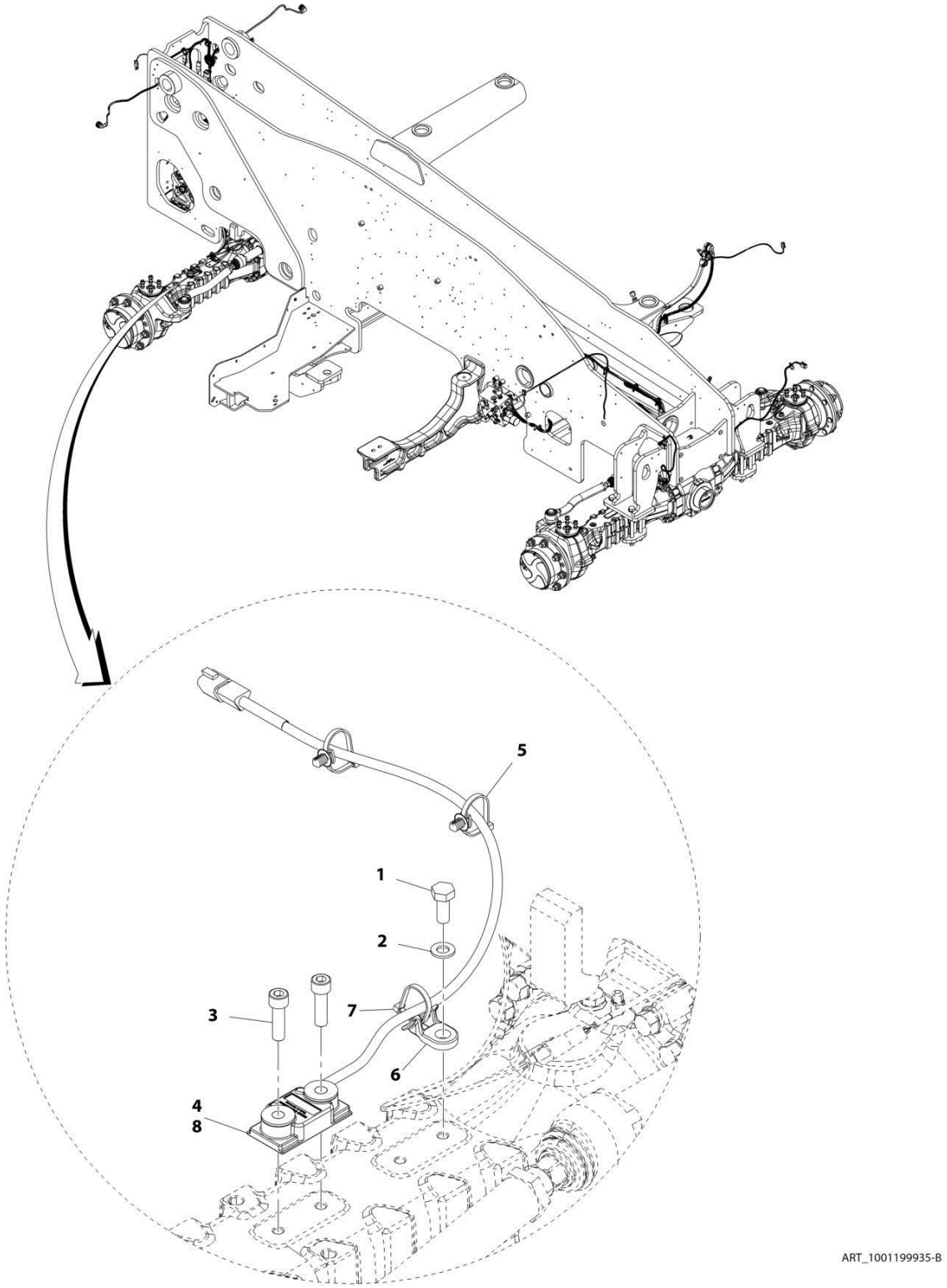


FIGURE 10-50. LSI SENSOR (Prior to SN 1160008518)

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 10-51. LSI SENSOR (SN 1160008518 to Present)

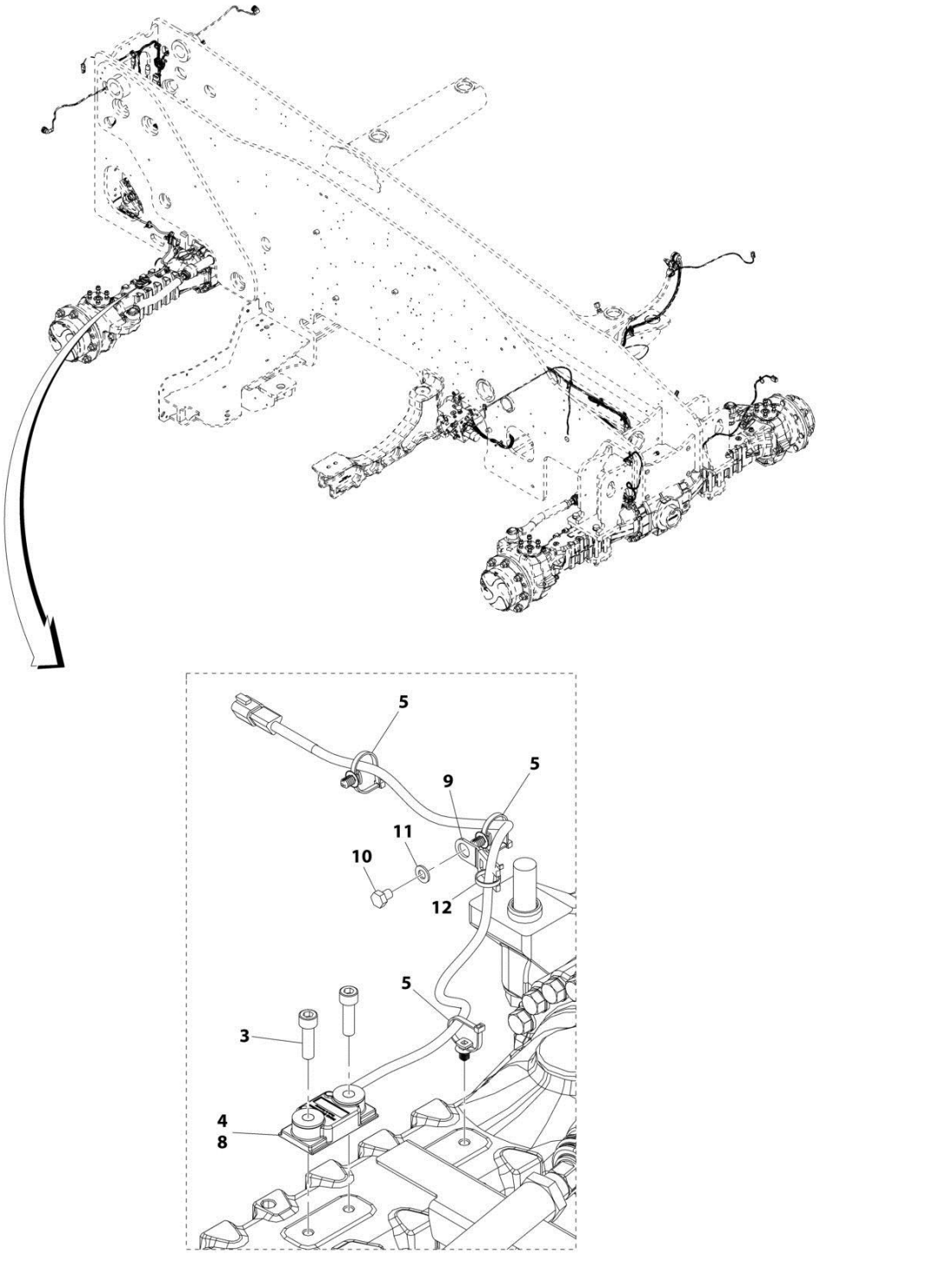
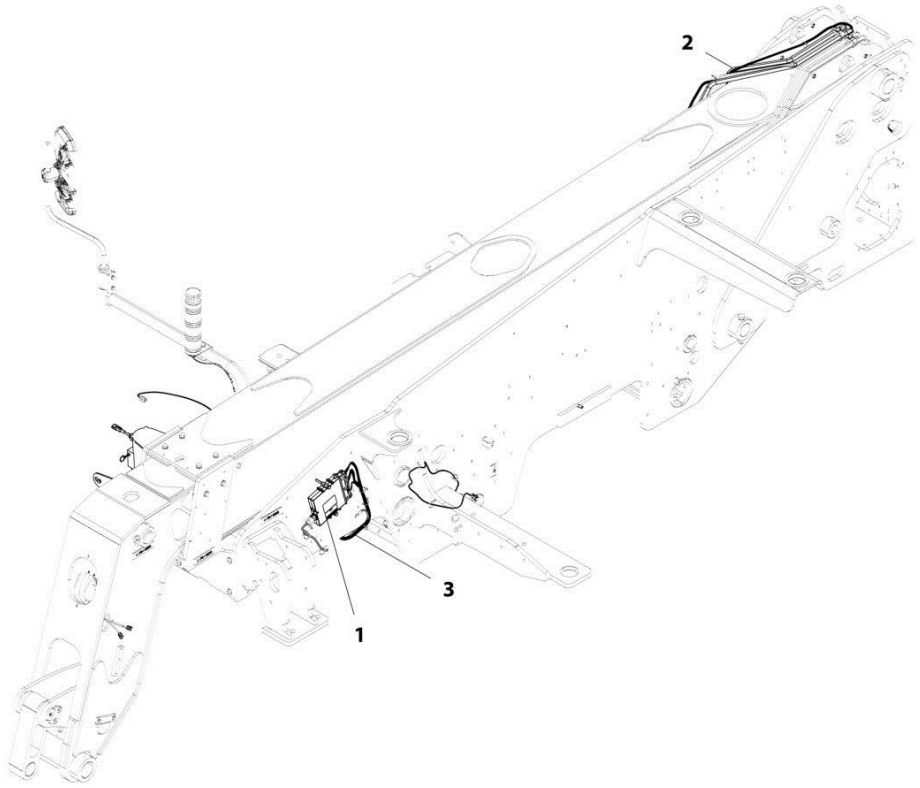


FIGURE 10-51. LSI SENSOR (SN 1160008518 to Present)

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, M8X10	
11	4811900	1	Washer, M8	
12	1001008559	1	Strap, Cable	

FIGURE 10-52. LMIS INSTALLATION (NO RIDE CONTROL)

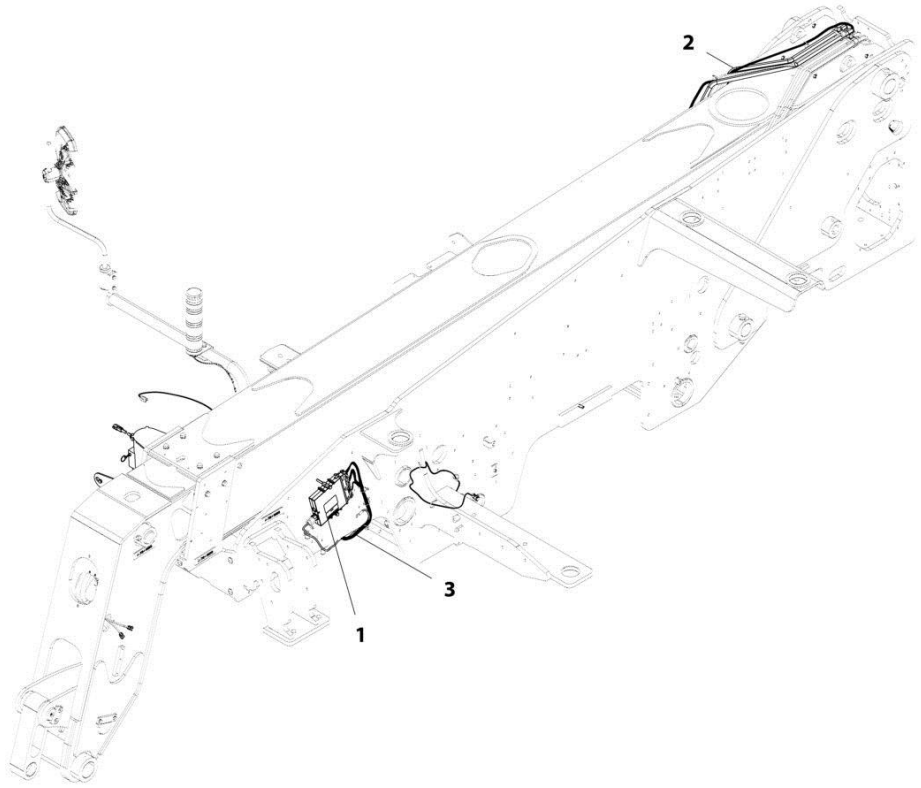


ART_1001183817-C

FIGURE 10-52. LMIS INSTALLATION (NO RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183817	Ref	LMIS Installation	C
1	1001183818	Ref	Installation, LMIS Controller (See Separate Breakdown in this Section)	
2	1001183819	Ref	Installation, LMIS Mech (See Separate Breakdown in this Section)	
3	1001186012	Ref	Installation, LMIS Wiring (See Separate Breakdown in this Section)	

FIGURE 10-53. LMIS INSTALLATION (RIDE CONTROL)

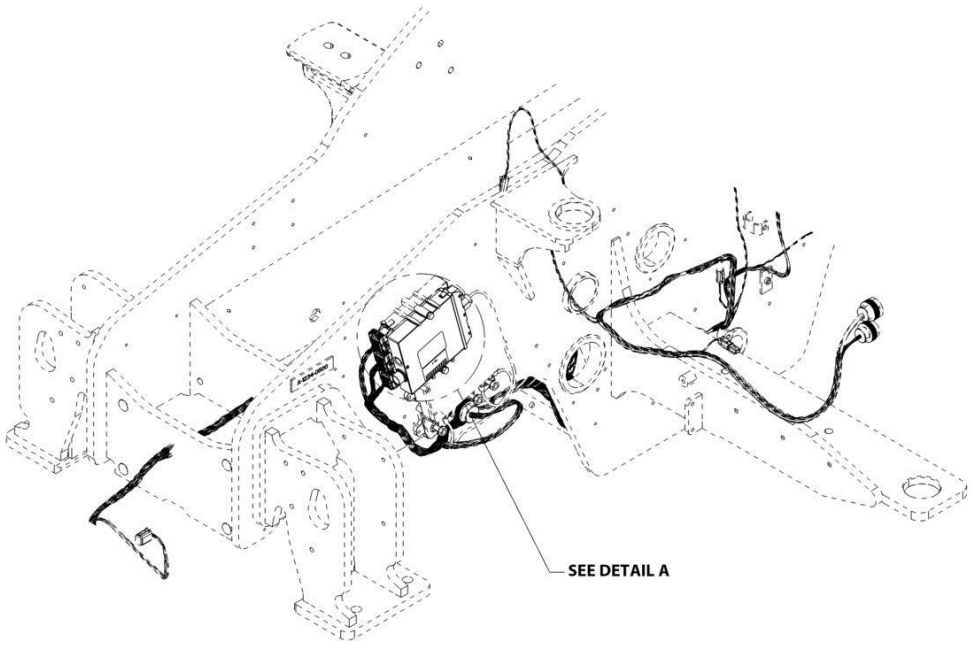


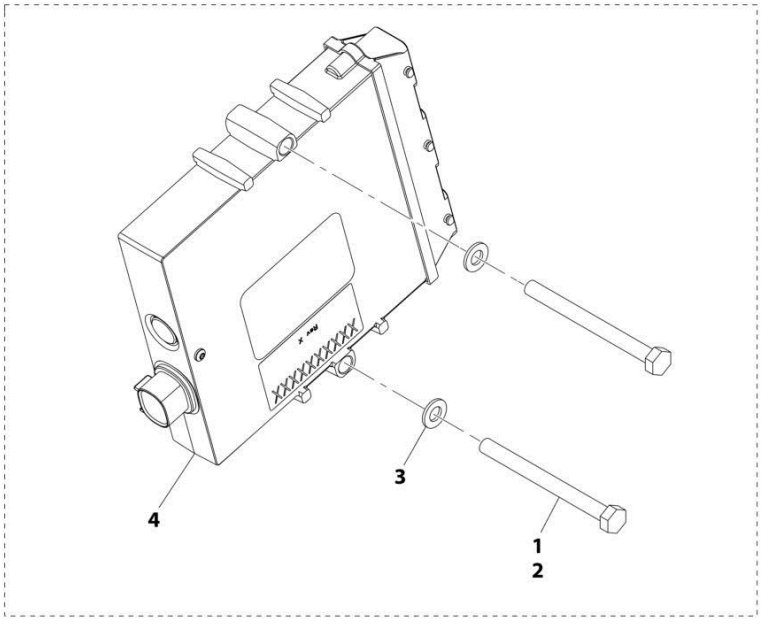
ART_1001212437-A

FIGURE 10-53. LMIS INSTALLATION (RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001212437	Ref	LMIS Installation (Ride Control)	A
1	1001183818	1	Installation, LMIS Controller (See Separate Breakdown in this Section)	
2	1001186012	1	Installation, LMIS Wiring (See Separate Breakdown in this Section)	
3	1001217961	1	Installation, LMIS Mech (See Separate Breakdown in this Section)	

FIGURE 10-54. LMIS CONTROLLER INSTALLATION





DETAIL A

ART_1001183818-A

FIGURE 10-54. LMIS CONTROLLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183818	Ref	LMIS Controller Installation	A
1	1001095650	AR	Compound, Locking	
2	0700826	2	Bolt, M8X90	
3	4811900	2	Washer, M8	
4	1001179901	1	Module, LMIS Control	

FIGURE 10-55. LMIS CABLE REEL INSTALLATION (NO RIDE CONTROL)

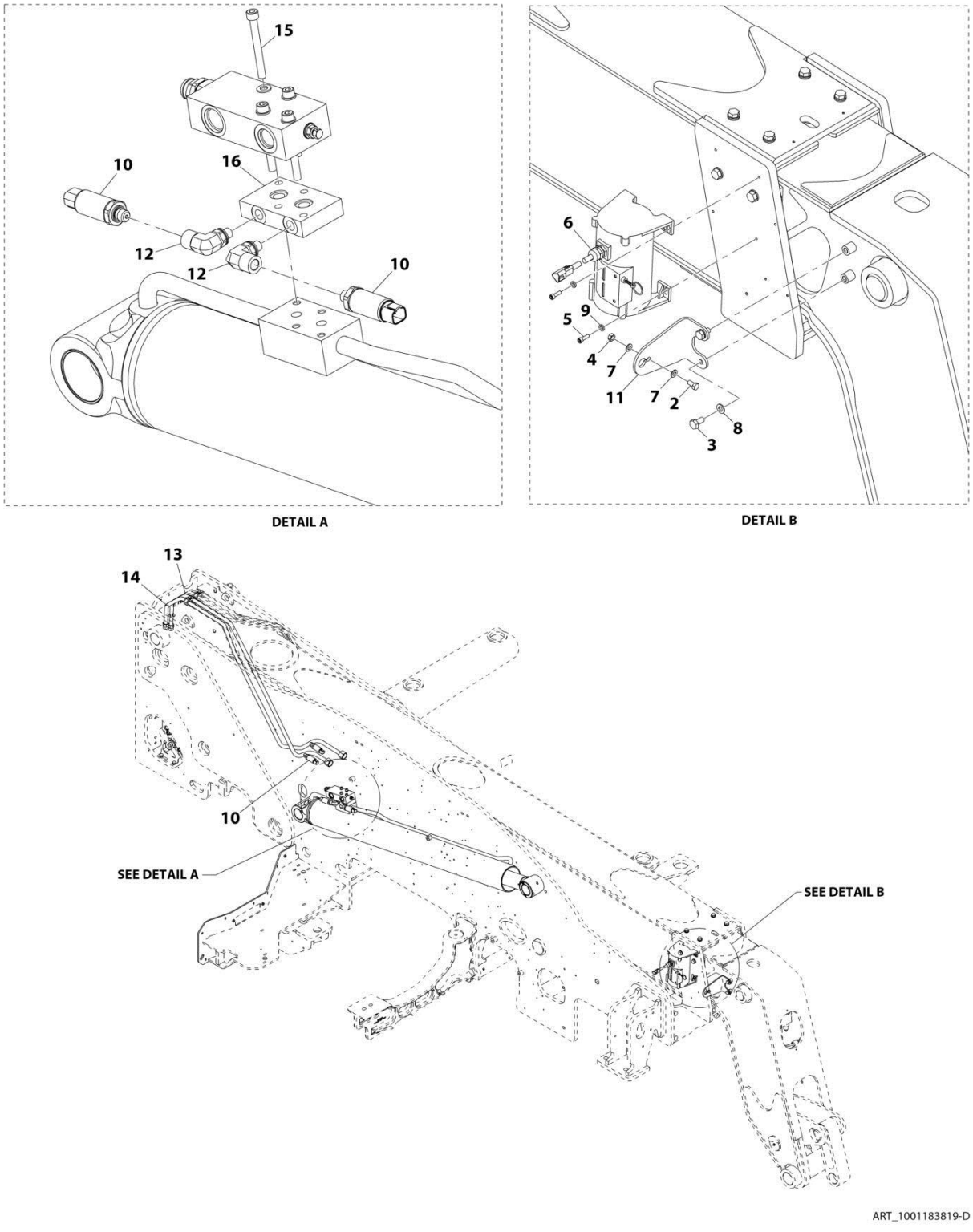


FIGURE 10-55. LMIS CABLE REEL INSTALLATION (NO RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183819	Ref	LMIS Cable Reel Installation	D
2	0760808	1	Bolt, M8X16	
3	0761010	2	Bolt, M10X20	
4	3290801	1	Nut, M8X1.25	
5	4031708	4	Bolt, M6X20	
6	1001211389	1	Sensor	
7	4811900	2	Washer, M8	
8	4812000	2	Washer, M10	
9	5240600	4	Washer, M6	
10	1001162885	4	Sensor	
11	1001190657	1	Bracket	
12	1001184172	2	Fitting, 90	
13	1001203284	1	Hose	
14	1001203285	1	Hose	
15	5271919	4	Screw	
16	1001108857	1	Manifold	

FIGURE 10-56. LMIS CABLE REEL INSTALLATION (RIDE CONTROL)

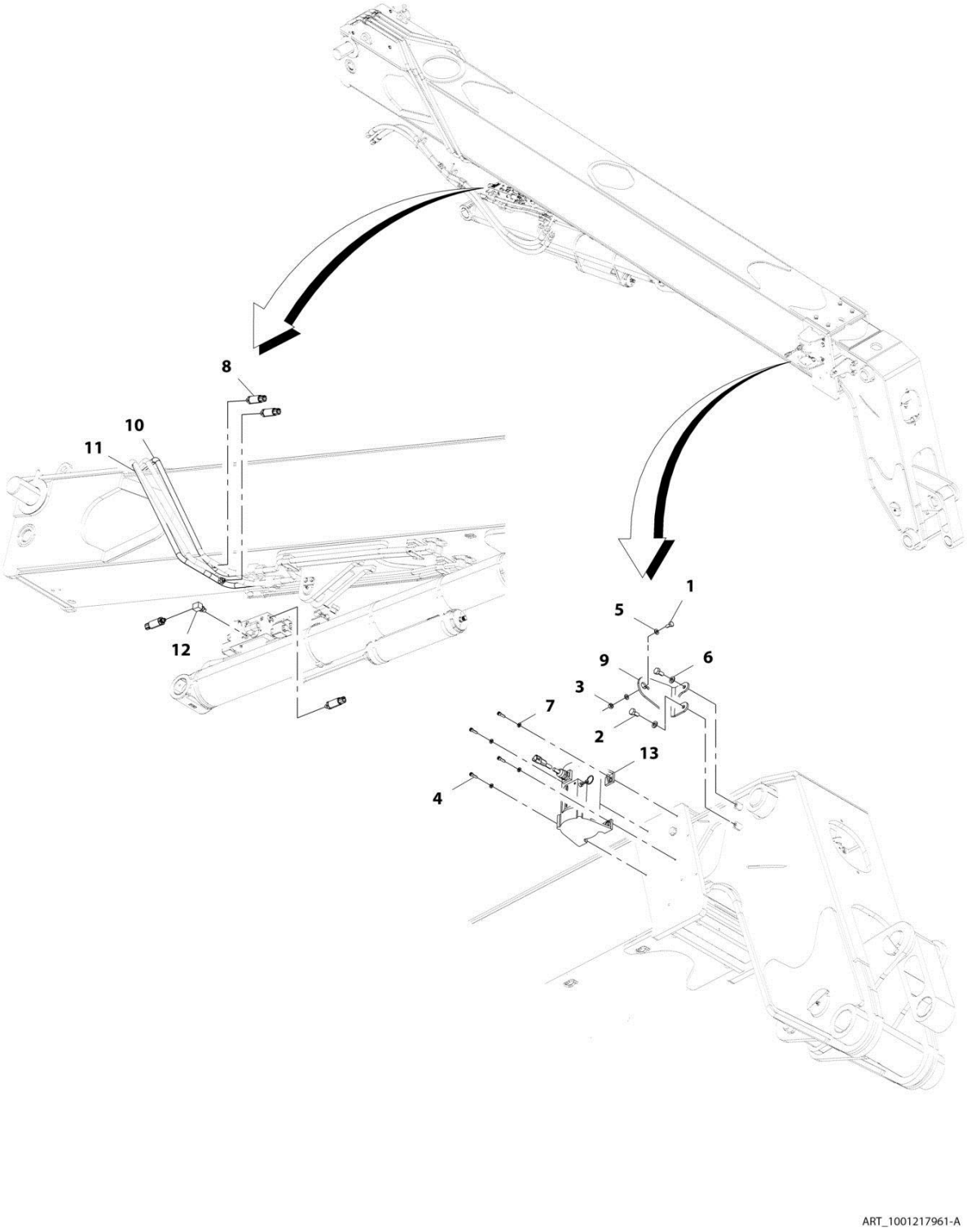


FIGURE 10-56. LMIS CABLE REEL INSTALLATION (RIDE CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217961	Ref	LMIS Installation Mech (Ride Control)	A
1	0760808	1	Bolt, M8X16	
2	0761010	2	Bolt, M10X20	
3	3290801	1	Nut, M8X1.25	
4	4031708	4	Bolt, M6X20	
5	4811900	2	Washer, M8	
6	4812000	2	Washer, M10	
7	5240600	4	Washer, M6	
8	1001162885	4	Sensor, Pressure	
9	1001190657	1	Bracket	
10	1001203284	1	Pipe	
11	1001203285	1	Pipe	
12	1001209986	1	Fitting, 90	
13	1001211389	1	Sensor	

FIGURE 10-57. LMIS WIRING INSTALLATION

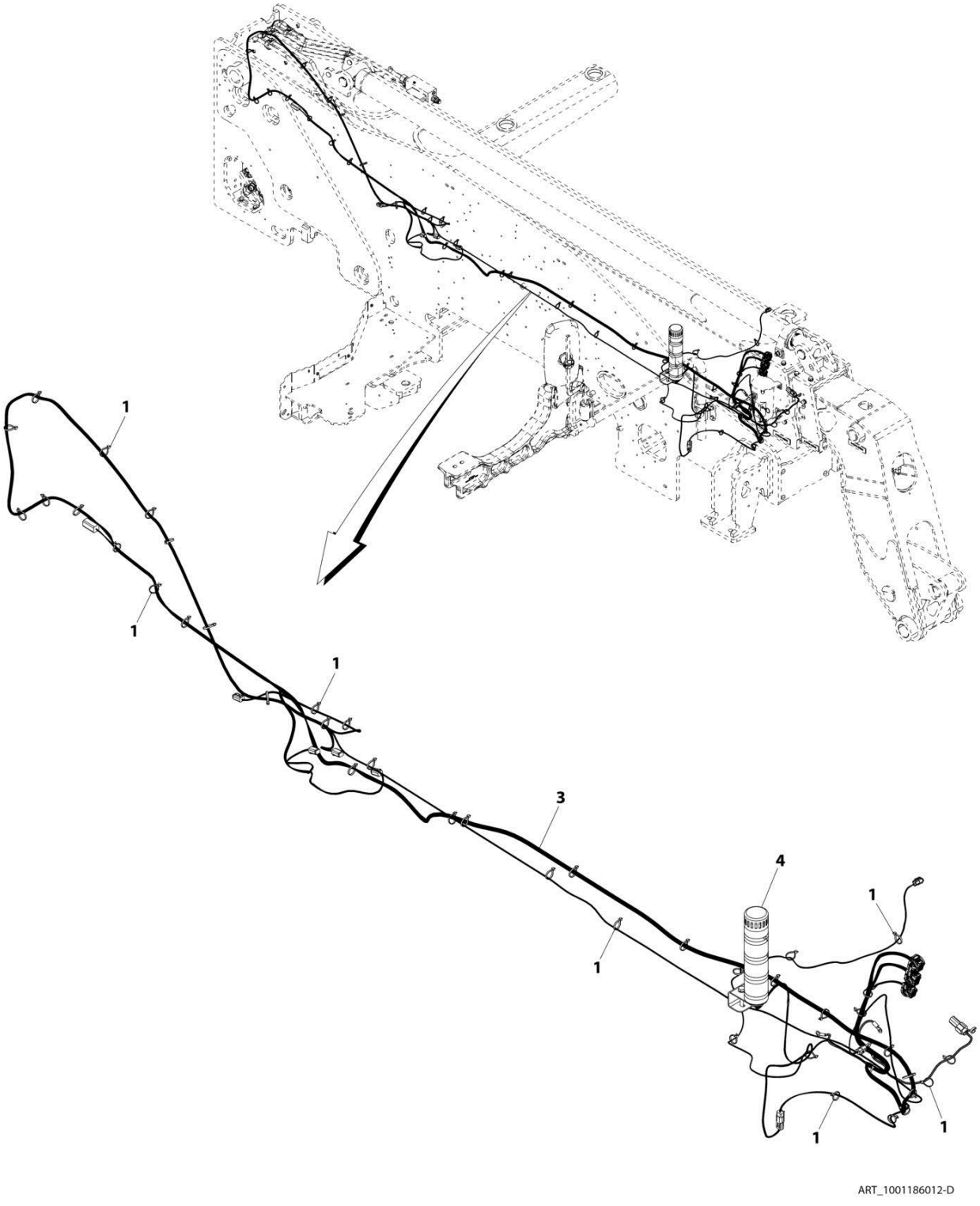


FIGURE 10-57. LMIS WIRING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186012	Ref	LMIS Wiring Installation	D
1	1001008559	44	Strap, Cable	
3	1001185959	1	Wiring, LMIS (See Separate Breakdown in this Section)	
4	1001183832	1	Installation, LMIS Beacon (See Separate Breakdown in this Section)	

FIGURE 10-58. LMIS BEACON INSTALLATION

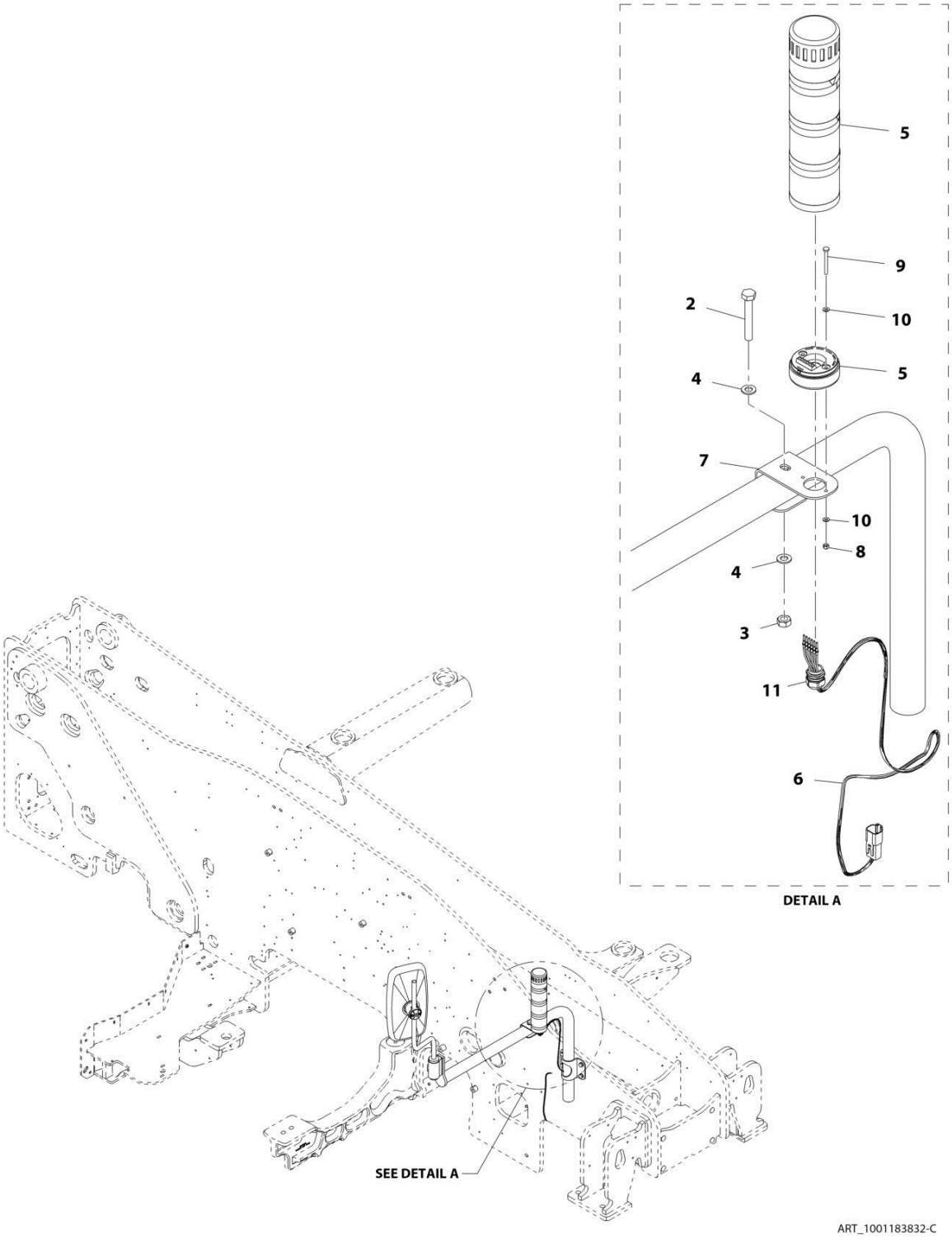


FIGURE 10-58. LMIS BEACON INSTALLATION

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 10-59. BOOM ANGLE SENSOR INSTALLATION

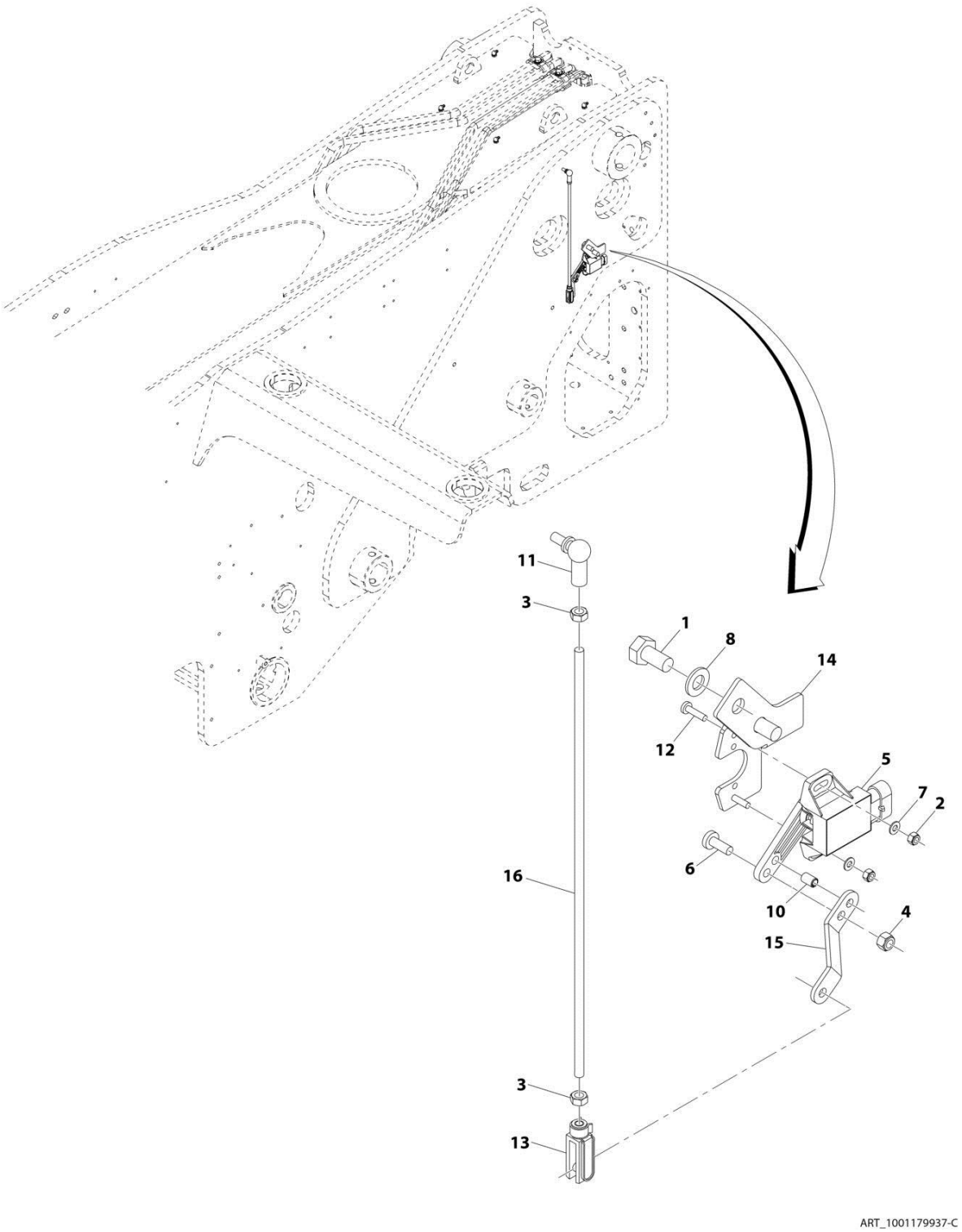


FIGURE 10-59. BOOM ANGLE SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179937	Ref	Boom Angle Sensor Installation	C
1	0761010	2	Bolt, M10X20	
2	3290405	2	Nut, Lock M4X0.7 Grade 8	
3	3290601	2	Nut, M6X1	
4	3290605	1	Nut, Lock M6X1 Grade 8	
5	4000015	1	Sensor, Angle	
6	4010608	1	Screw, M6X16	
7	4811400	2	Washer, M4	
8	4812000	2	Washer, M10	
10	1001103156	1	Pin	
11	1001103300	1	Ball, Joint	
12	1001126837	2	Screw, M4X16	
13	1001134274	1	Clevis	
14	1001187851	1	Bracket	
15	1001187852	1	Link	
16	1001187853	1	Rod	

FIGURE 10-60. EARTH STRAP INSTALLATION

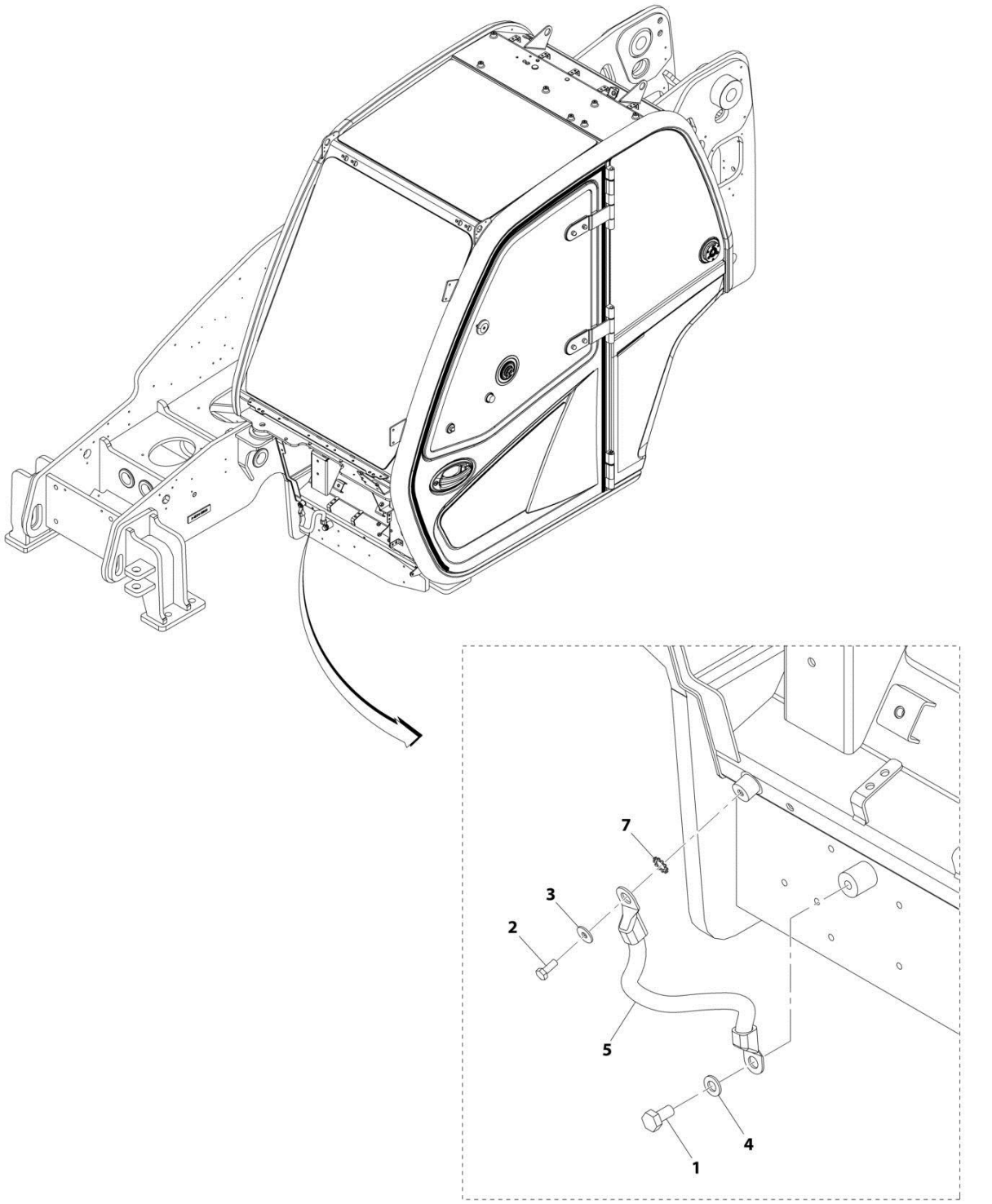


FIGURE 10-60. EARTH STRAP INSTALLATION

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 10-61. BOOM RETRACT SENSOR INSTALLATION

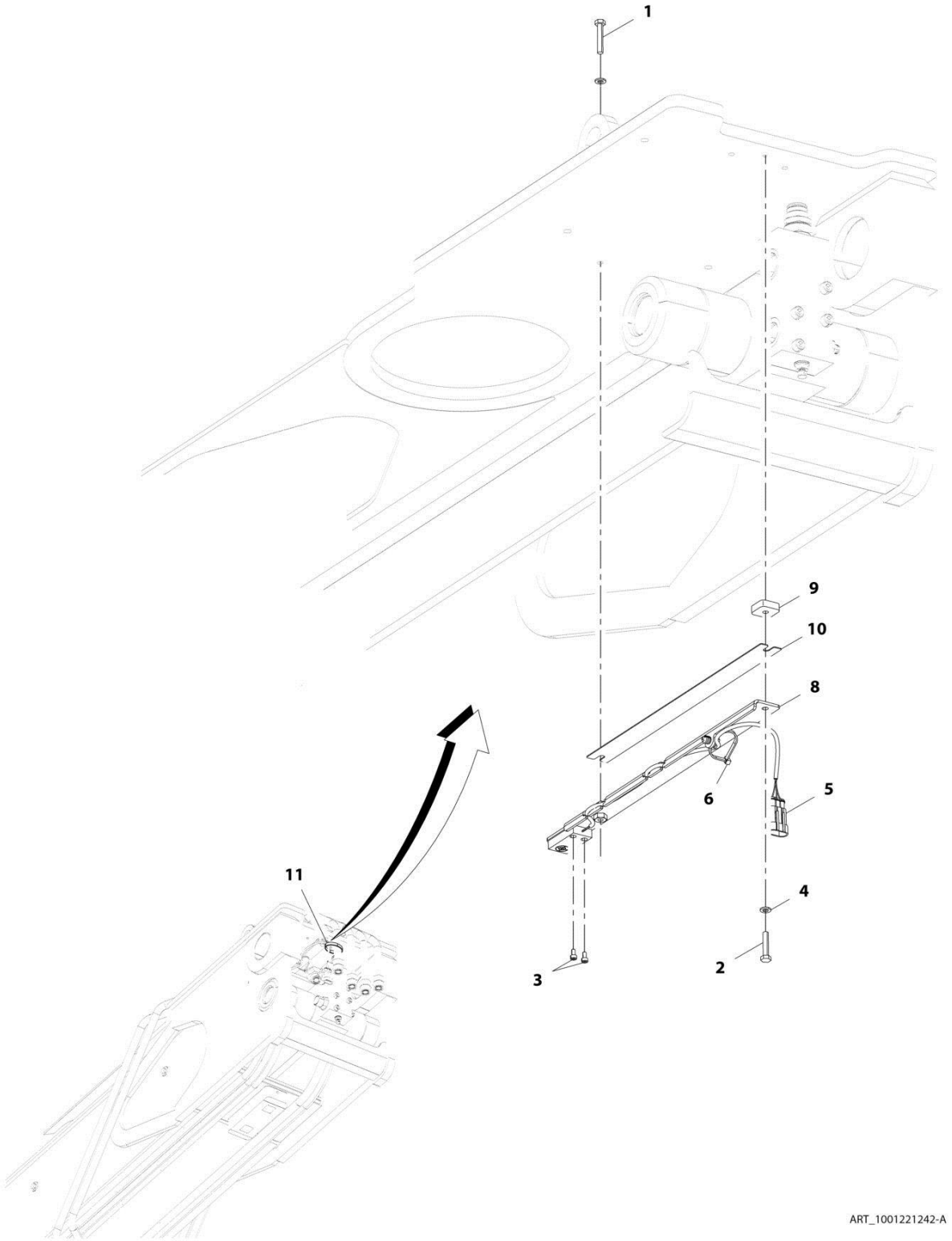
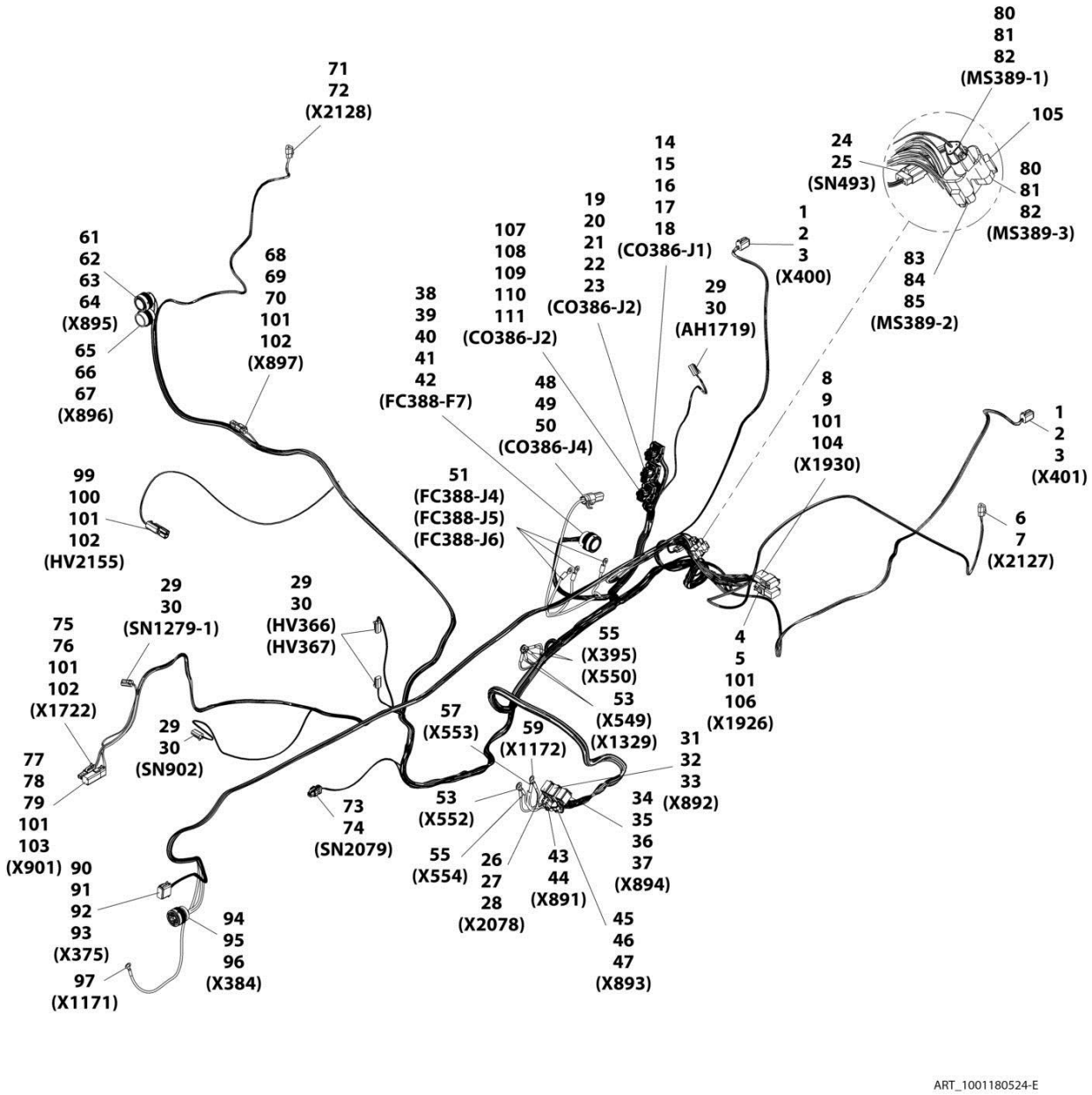


FIGURE 10-61. BOOM RETRACT SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221242	Ref	Boom Retract Sensor Installation	A
1	0700615	1	Bolt, M6X35	
2	0760614	1	Bolt, M6X30	
3	4031504	2	Screw, M4X8 **(SN 1160005870 to Present)**	
4	4811700	2	Washer, M6	
5	1001121021	1	Sensor, Proximity	
6	1001146588	1	Strap, Cable	
8	1001221249	1	Bracket	
9	1001221257	1	Plate	
10	1001221293	1	Shim	
11	1001008923	1	Strap, Cable	

FIGURE 10-62. FRONT FRAME HARNESS (Prior to SN 1160008518)



ART_1001180524-E

FIGURE 10-62. FRONT FRAME HARNESS (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180524	Ref	Front Frame Harness	E
1	4460894	2	Connector	
2	4460942	5	Terminal	
3	4460466	1	Plug	
4	4460933	1	Connector	
5	4460465	12	Terminal	
6	4460539	1	Connector	
7	4460942	3	Terminal	
8	4460970	1	Connector	
9	4460464	12	Terminal	
14	1001161957	1	Connector	
15	1001161095	19	Terminal	
16	1001161098	2	Terminal	
17	1001161100	7	Plug	
18	1001161101	6	Plug	
19	1001161963	1	Connector	
20	1001161095	26	Terminal	
21	1001161099	6	Terminal	
22	1001161100	14	Plug	
23	1001161101	2	Plug	
24	4460911	1	Connector	
25	1001126008	3	Terminal	
26	4460970	1	Connector	
27	4460464	7	Terminal	
28	4460466	5	Plug	
29	4460891	5	Connector	
30	4460465	2	Terminal	
31	4460933	1	Connector	
32	4460465	10	Terminal	
33	4460466	2	Plug	
34	4460836	1	Connector	
35	4460465	9	Terminal	
36	4460942	1	Terminal	
37	4460466	2	Plug	
38	1001165309	1	Connector	
39	4460465	9	Terminal	
40	4460942	1	Terminal	
41	4460509	6	Terminal	
42	4460466	3	Plug	
43	1001116810	1	Connector	
44	4460509	4	Terminal	
45	1001116812	1	Connector	
46	4460465	2	Terminal	
47	4460466	1	Plug	
48	1001160509	1	Connector	
49	1001160510	1	Terminal	
50	1001175266	1	Seal	
51	8220114	3	Terminal, Ring	
53	1001117110	3	Terminal, Ring	
55	1001117108	3	Terminal, Ring	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
57	1001128127	1	Terminal, Ring	
59	1001117109	1	Terminal, Ring	
61	1001118323	1	Connector	
62	4460942	3	Terminal	
63	91013192	2	Terminal	
64	4460466	1	Terminal	
65	4461015	1	Connector	
66	4460465	8	Terminal	
67	4460466	6	Terminal	
68	4460891	1	Connector	
69	1001157890	1	Terminal	
70	4460466	1	Terminal	
71	4460539	1	Connector	
72	4460942	3	Terminal	
73	1001116950	1	Connector	
74	4460465	2	Terminal	
75	4460891	1	Connector	
76	4460942	2	Terminal	
77	4460894	1	Connector	
78	4460942	4	Terminal	
79	4460465	2	Terminal	
80	1001116812	2	Connector	
81	4460944	4	Terminal	
82	4460466	2	Terminal	
83	4460539	1	Connector	
84	4460944	2	Terminal	
85	4460466	1	Terminal	
90	4460933	1	Connector	
91	4460465	4	Terminal	
92	1001157890	2	Terminal	
93	4460466	6	Plug	
94	1001165310	1	Connector	
95	1001116686	4	Terminal	
96	4460466	2	Plug	
97	1001117109	1	Connector	
99	4460891	1	Connector	
100	4460465	2	Terminal	
101	4460466	36	Plug	
102	4460897	3	Connector	
103	4460899	1	Terminal	
104	4460933	1	Plug	
105	4460945	1	Connector, 3Way	
106	4460970	1	Plug	
107	1001160500	1	Connector	
108	1001161095	14	Terminal	
109	1001161099	7	Terminal	
110	1001161100	11	Plug	
111	1001161101	1	Plug	

FIGURE 10-63. FRONT FRAME HARNESS (SN 1160008518 to Present)

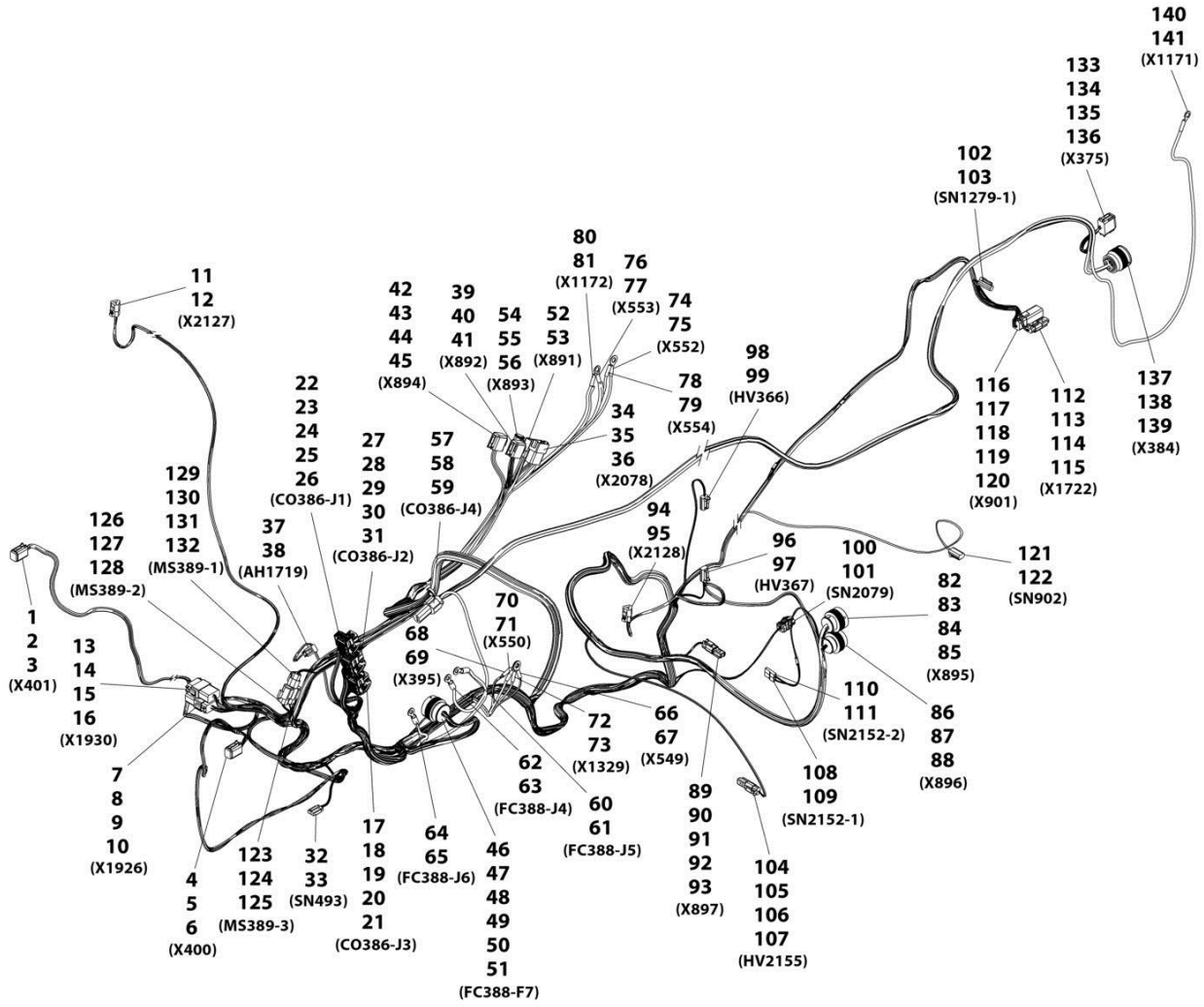


FIGURE 10-63. FRONT FRAME HARNESS (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231424	Ref	Front Frame Harness	B
1	4460894	1	Connector	
2	4460942	5	Terminal	
3	4460466	1	Terminal	
4	4460894	1	Connector	
5	4460942	5	Terminal	
6	4460466	1	Terminal	
7	4460933	1	Connector	
8	4460465	12	Terminal	
9	4460466	12	Terminal	
10	4460970	1	Connector	
11	4460539	1	Connector	
12	4460942	3	Terminal	
13	4460970	1	Connector	
14	4460464	12	Terminal	
15	4460466	12	Terminal	
16	4460933	1	Connector	
17	1001160500	1	Connector	
18	1001161095	15	Terminal	
19	1001161100	10	Terminal	
20	1001161099	7	Terminal	
21	1001161101	1	Terminal	
22	1001161957	1	Connector	
23	1001161095	19	Terminal	
24	1001161100	7	Terminal	
25	1001161101	6	Terminal	
26	1001161098	2	Terminal	
27	1001161963	1	Connector	
28	1001161095	26	Terminal	
29	1001161100	14	Terminal	
30	1001161099	6	Terminal	
31	1001161101	2	Terminal	
32	4460911	1	Connector	
33	1001126008	3	Terminal	
34	4460970	1	Connector	
35	4460464	7	Terminal	
36	4460466	5	Terminal	
37	4460891	1	Connector	
38	4460465	2	Terminal	
39	4460933	1	Connector	
40	4460465	10	Terminal	
41	4460466	2	Terminal	
42	4460836	1	Connector	
43	4460942	1	Terminal	
44	4460465	9	Terminal	
45	4460466	2	Terminal	
46	1001165309	1	Connector	
47	4460466	1	Terminal	
48	4460465	9	Terminal	
49	4460942	1	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460509	6	Terminal	
51	4460466	2	Terminal	
52	1001116810	1	Connector	
53	4460509	4	Terminal	
54	1001116812	1	Connector	
55	4460465	2	Terminal	
56	4460466	1	Terminal	
57	1001160509	1	Connector	
58	1001160510	1	Terminal	
59	1001175266	1	Seal	
60	8220114	1	Connector	
61	8220114	1	Terminal	
62	8220114	1	Connector	
63	8220114	1	Terminal	
64	8220114	1	Connector	
65	8220114	1	Terminal	
66	1001117110	1	Connector	
67	1001117110	2	Terminal	
68	1001117108	1	Connector	
69	1001117108	2	Terminal	
70	1001117108	1	Connector	
71	1001117108	1	Terminal	
72	1001117110	1	Connector	
73	1001117110	1	Terminal	
74	1001117110	1	Connector	
75	1001117110	1	Terminal	
76	1001128127	1	Connector	
77	1001128127	2	Terminal	
78	1001117108	1	Connector	
79	1001117108	2	Terminal	
80	1001117109	1	Connector	
81	1001117109	2	Terminal	
82	1001118323	1	Connector	
83	4460942	3	Terminal	
84	91013192	2	Terminal	
85	4460466	1	Terminal	
86	4461015	1	Connector	
87	4460465	8	Terminal	
88	4460466	6	Terminal	
89	4460891	1	Connector	
90	1001157890	1	Terminal	
91	4460466	1	Terminal	
92	4460897	1	Connector	
93	4460466	2	Terminal	
94	4460539	1	Connector	
95	4460942	3	Terminal	
96	4460891	1	Connector	
97	4460465	2	Terminal	
98	4460891	1	Connector	
99	4460465	2	Terminal	
100	1001116950	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	4460465	2	Terminal	
102	4460891	1	Connector	
103	4460465	2	Terminal	
104	4460891	1	Connector	
105	4460465	2	Terminal	
106	4460897	1	Connector	
107	4460466	2	Terminal	
108	1001116995	1	Connector	
109	1001118379	1	Terminal	
110	1001116995	1	Connector	
111	1001118379	1	Terminal	
112	4460891	1	Connector	
113	4460942	2	Terminal	
114	4460466	2	Terminal	
115	4460897	1	Connector	
116	4460894	1	Connector	
117	4460942	4	Terminal	
118	4460465	2	Terminal	
119	4460466	6	Terminal	
120	4460899	1	Terminal	
121	4460891	1	Connector	
122	4460465	2	Terminal	
123	1001116812	1	Connector	
124	4460944	2	Terminal	
125	4460466	1	Terminal	
126	4460539	1	Connector	
127	4460944	2	Terminal	
128	4460466	1	Terminal	
129	1001116812	1	Connector	
130	4460944	2	Terminal	
131	4460466	1	Terminal	
132	4460945	1	Terminal	
133	4460933	1	Connector	
134	4460465	4	Terminal	
135	1001157890	2	Terminal	
136	4460466	6	Terminal	
137	1001165310	1	Connector	
138	1001116686	4	Terminal	
139	91013192	2	Terminal	
140	1001117109	1	Connector	
141	1001117109	1	Terminal	

FIGURE 10-64. REAR FRAME HARNESS (Prior to SN 1160008518)

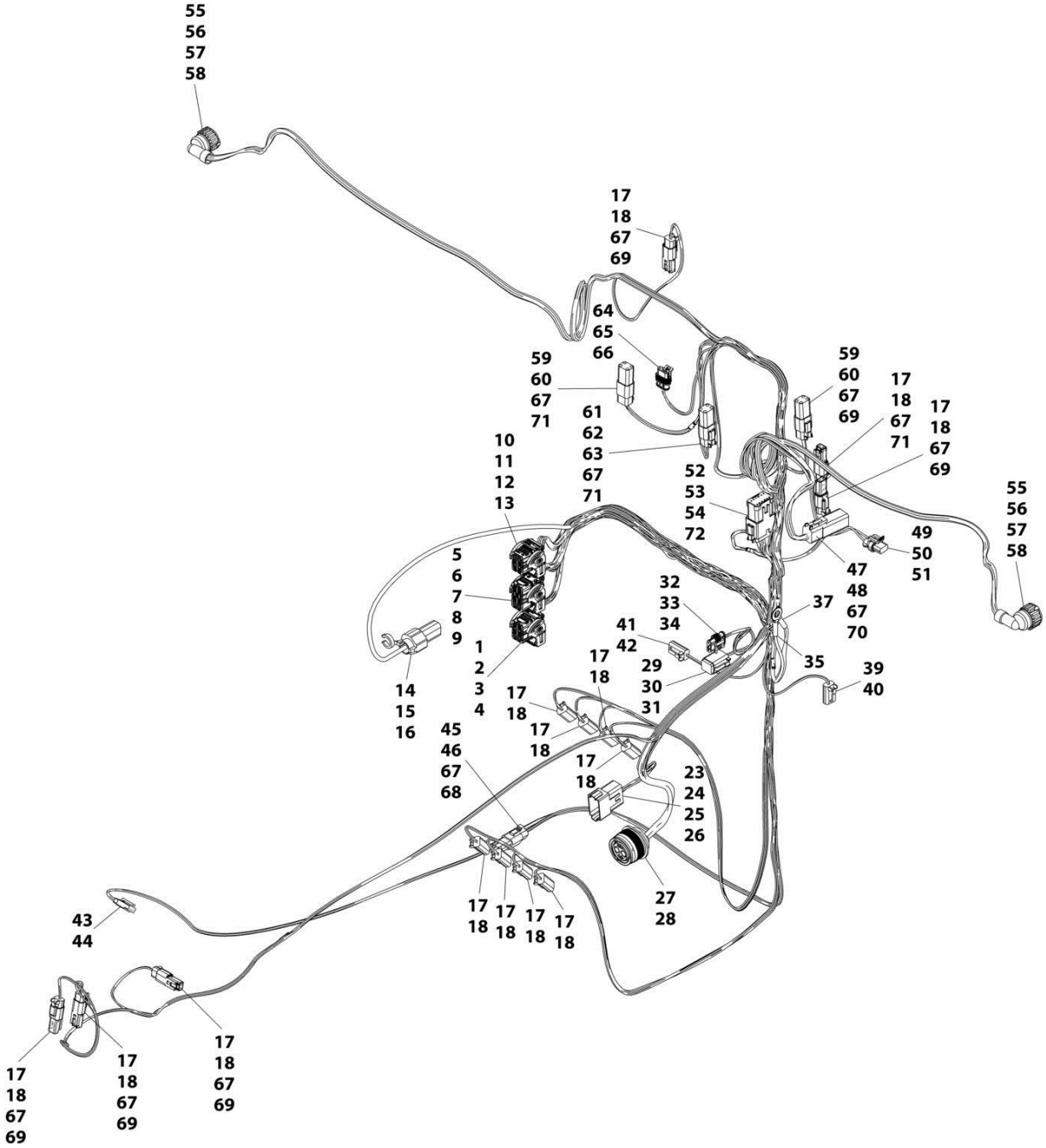


FIGURE 10-64. REAR FRAME HARNESS (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180525	Ref	Rear Frame Harness	E
1	1001161958	1	Connector	
2	1001161095	11	Terminal	
3	1001161100	13	Plug	
4	1001161101	8	Plug	
5	1001161964	1	Connector	
6	1001161095	26	Terminal	
7	1001161099	6	Terminal	
8	1001161100	14	Plug	
9	1001161101	2	Plug	
10	1001160499	1	Connector	
11	1001161095	4	Terminal	
12	1001161100	21	Plug	
13	1001161099	7	Terminal	
14	1001160509	1	Connector	
15	1001160510	1	Terminal	
16	1001175266	1	Seal	
17	4460891	14	Connector	
18	4460465	2	Terminal	
23	4460970	1	Connector	
24	4460464	4	Terminal	
25	4460466	7	Plug	
26	1001157891	1	Terminal	
27	1001165311	1	Connector	
28	91013191	2	Terminal	
29	4460894	1	Connector	
30	4460465	2	Terminal	
31	4460466	4	Plug	
32	4461262	1	Connector	
33	1001107854	3	Terminal	
34	1001104498	3	Seal	
35	1001117110	1	Terminal, Ring	
37	1001117108	1	Terminal, Ring	
39	4460891	1	Connector	
40	4460465	2	Terminal	
41	4460891	1	Connector	
42	4460465	2	Terminal	
43	4460911	1	Connector	
44	1001126008	3	Terminal	
45	4460539	1	Connector	
46	4460465	3	Terminal	
47	4460894	1	Connector	
48	4460942	6	Terminal	
49	1001117021	1	Connector	
50	1001116728	2	Terminal	
51	4460458	2	Seal	
52	4460933	1	Connector	
53	4460465	8	Terminal	
54	4460466	4	Plug	
55	1001116996	2	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
56	1001118392	12	Terminal	
57	1001116696	2	Plug	
58	4461054	12	Seal	
59	4460884	2	Connector	
60	4460465	8	Terminal	
61	4460884	1	Connector	
62	4460465	2	Terminal	
63	4460466	2	Plug	
64	4461262	1	Connector	
65	1001107854	3	Terminal	
66	1001104498	3	Seal	
67	4460466	33	Plug	
68	4460536	1	Terminal	
69	4460897	6	Connector	
70	4460899	1	Terminal	
71	4460932	3	Connector	
72	1001125677	1	Connector	

FIGURE 10-65. REAR FRAME HARNESS (SN 1160008518 to Present)

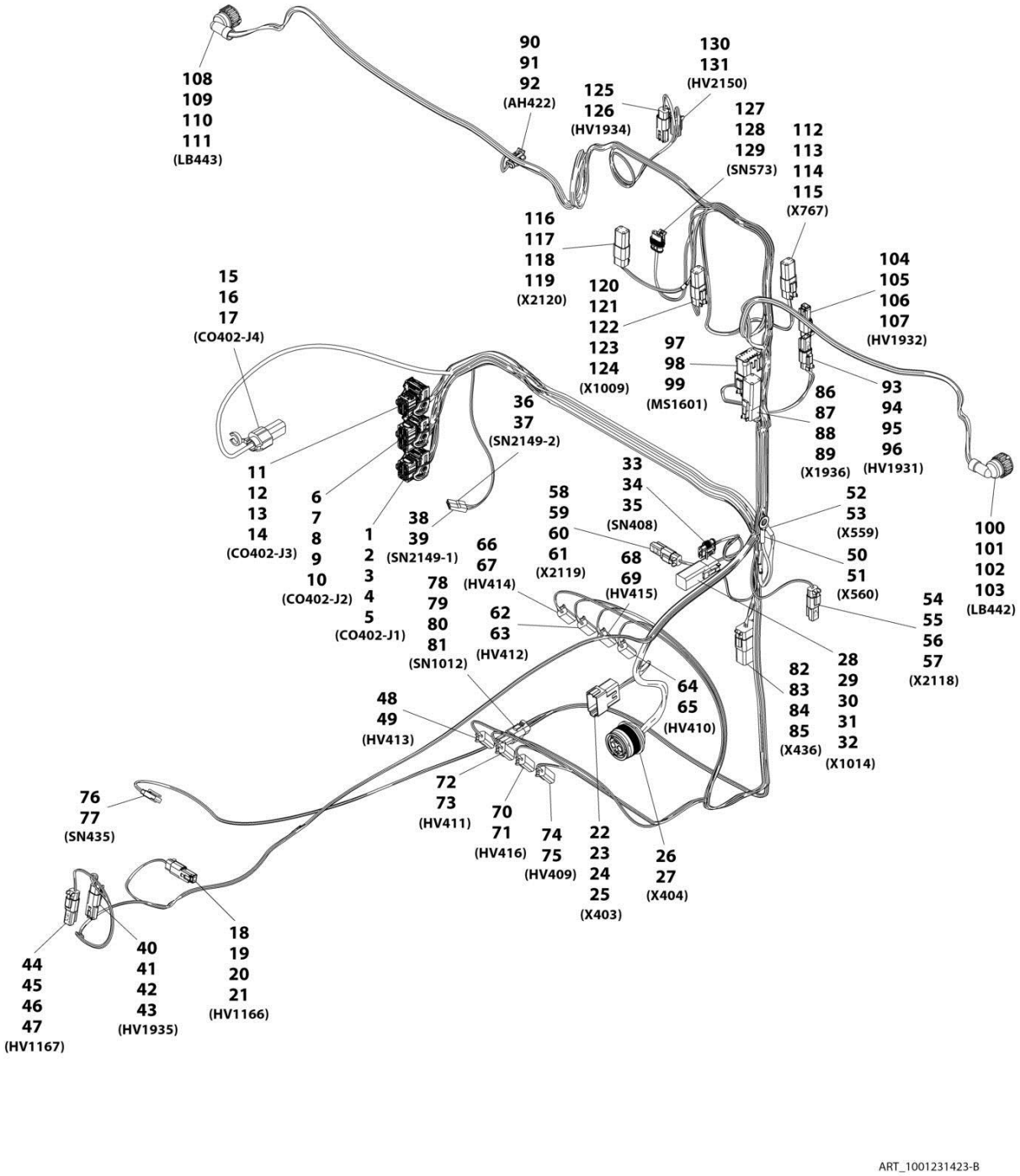


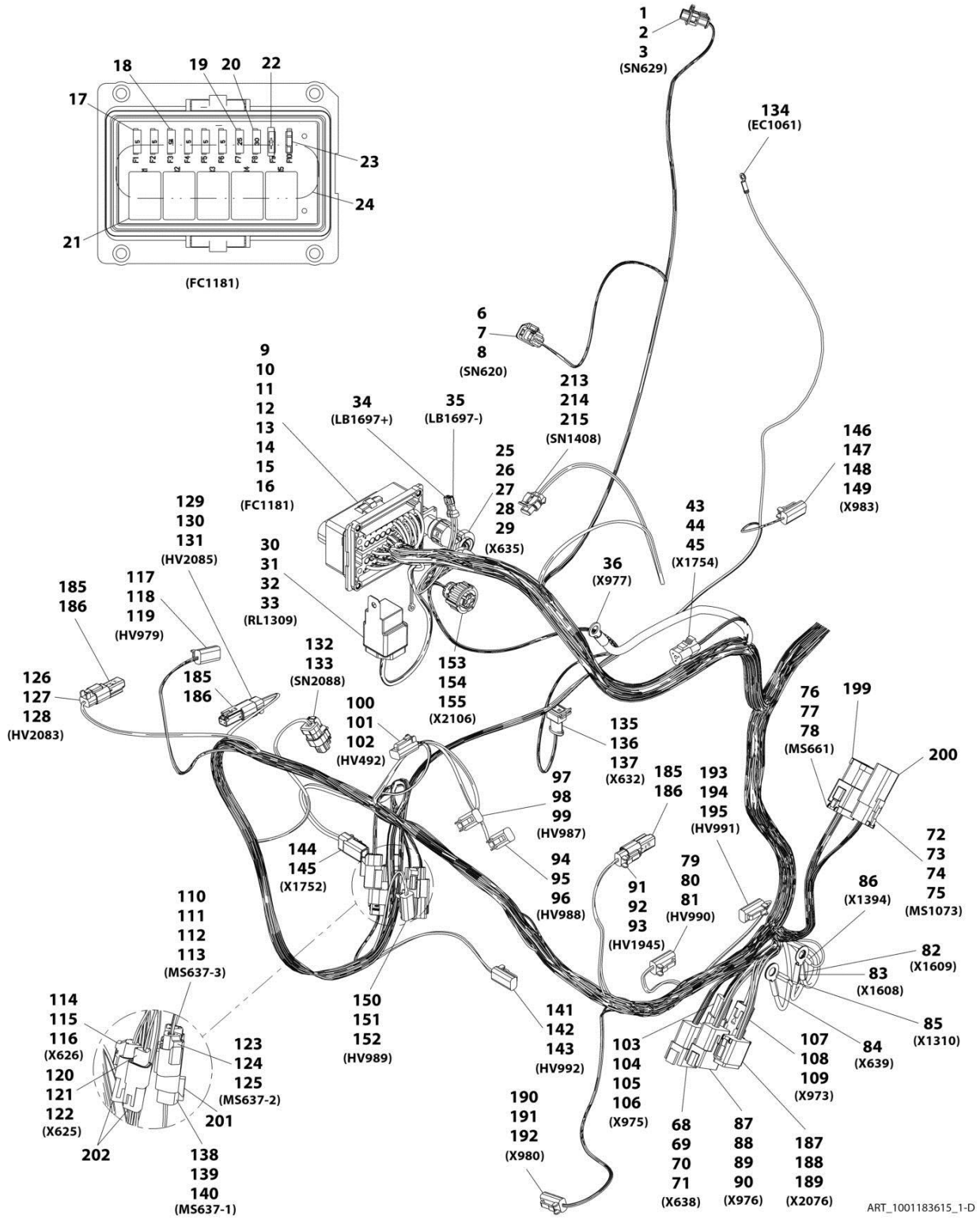
FIGURE 10-65. REAR FRAME HARNESS (SN 1160008518 to Present)

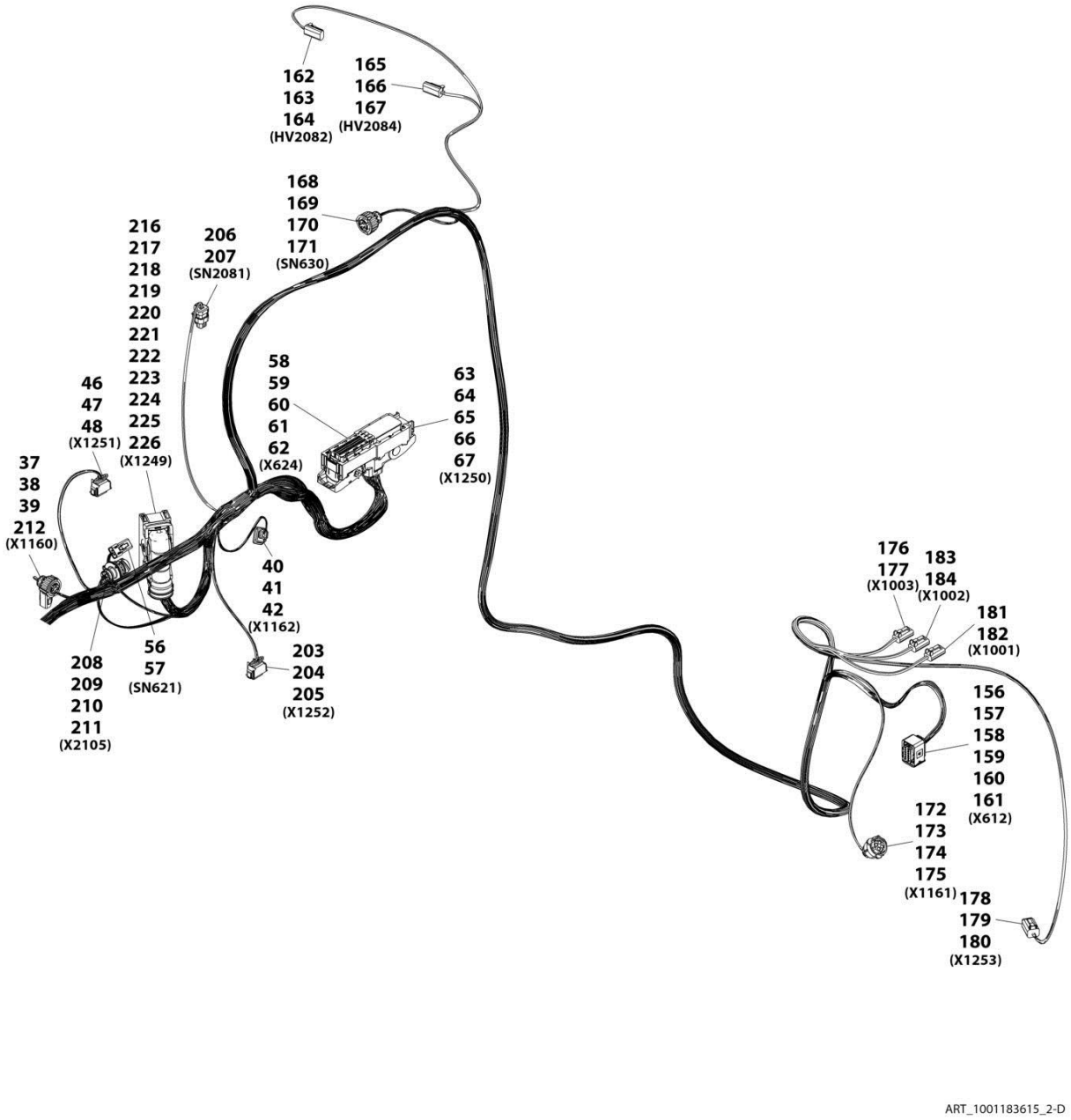
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231423	Ref	Rear Frame Harness	B
1	1001161958	1	Connector	
2	1001161095	11	Terminal	
3	1001161100	13	Terminal	
4	1001161101	4	Terminal	
5	1001161099	4	Terminal	
6	1001161964	1	Connector	
7	1001161095	29	Terminal	
8	1001161100	11	Terminal	
9	1001161101	1	Terminal	
10	1001161099	7	Terminal	
11	1001160499	1	Connector	
12	1001161095	5	Terminal	
13	1001161100	20	Terminal	
14	1001161099	7	Terminal	
15	1001160509	1	Connector	
16	1001160510	1	Terminal	
17	1001175266	1	Seal	
18	4460891	1	Connector	
19	4460465	2	Terminal	
20	4460466	2	Terminal	
21	4460897	1	Connector	
22	4460970	1	Connector	
23	4460464	4	Terminal	
24	1001157891	1	Terminal	
25	4460466	6	Terminal	
26	1001165311	1	Connector	
27	91013191	2	Terminal	
28	4460894	1	Connector	
29	4460466	4	Terminal	
30	4460465	2	Terminal	
31	4460899	1	Terminal	
32	4460466	6	Terminal	
33	4461262	1	Connector	
34	1001107854	3	Terminal	
35	1001104498	3	Seal	
36	1001116995	1	Connector	
37	1001118379	1	Terminal	
38	1001116995	1	Connector	
39	1001118379	1	Terminal	
40	4460891	1	Connector	
41	4460465	2	Terminal	
42	4460897	1	Connector	
43	4460466	2	Terminal	
44	4460891	1	Connector	
45	4460465	2	Terminal	
46	4460897	1	Connector	
47	4460466	2	Terminal	
48	4460891	1	Connector	
49	4460465	2	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001117110	1	Connector	
51	1001117110	1	Terminal	
52	1001117108	1	Connector	
53	1001117108	2	Terminal	
54	4460891	1	Connector	
55	4460465	2	Terminal	
56	4460466	2	Terminal	
57	4460897	1	Connector	
58	4460891	1	Connector	
59	4460465	2	Terminal	
60	4460897	1	Connector	
61	4460466	6	Terminal	
62	4460891	1	Connector	
63	4460465	2	Terminal	
64	4460891	1	Connector	
65	4460465	2	Terminal	
66	4460891	1	Connector	
67	4460465	2	Terminal	
68	4460891	1	Connector	
69	4460465	2	Terminal	
70	4460891	1	Connector	
71	4460465	2	Terminal	
72	4460891	1	Connector	
73	4460465	2	Terminal	
74	4460891	1	Connector	
75	4460465	2	Terminal	
76	4460911	1	Connector	
77	1001126008	3	Terminal	
78	4460539	1	Connector	
79	4460465	3	Terminal	
80	4460466	3	Terminal	
81	4460536	1	Terminal	
82	4460930	1	Connector	
83	4460465	6	Terminal	
84	4460466	2	Terminal	
85	4460466	8	Terminal	
86	4460894	1	Connector	
87	4460942	6	Terminal	
88	4460466	6	Terminal	
89	4460899	1	Terminal	
90	1001117021	1	Connector	
91	1001116728	2	Terminal	
92	4460458	2	Terminal	
93	4460891	1	Connector	
94	4460465	2	Terminal	
95	4460897	1	Connector	
96	4460466	2	Terminal	
97	4460933	1	Connector	
98	4460465	10	Terminal	
99	4460466	2	Terminal	
100	1001116996	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001118392	6	Terminal	
102	4461054	6	Seal	
103	1001116696	1	Terminal	
104	4460891	1	Connector	
105	4460465	2	Terminal	
106	4460897	1	Connector	
107	4460466	2	Terminal	
108	1001116996	1	Connector	
109	1001118392	6	Terminal	
110	4461054	6	Seal	
111	1001116696	1	Terminal	
112	4460884	1	Connector	
113	4460465	4	Terminal	
114	4460932	1	Connector	
115	4460466	4	Terminal	
116	4460884	1	Connector	
117	4460465	4	Terminal	
118	4460466	4	Terminal	
119	4460932	1	Connector	
120	4460884	1	Connector	
121	4460465	2	Terminal	
122	4460466	2	Terminal	
123	4460466	4	Terminal	
124	4460932	1	Connector	
125	4460891	1	Connector	
126	4460465	2	Terminal	
127	4461262	1	Connector	
128	1001107854	3	Terminal	
129	1001104498	3	Seal	
130	4460891	1	Connector	
131	4460465	2	Terminal	

FIGURE 10-66. ENGINE HARNESS (ULS)





ART_1001183615_2-D

FIGURE 10-66. ENGINE HARNESS (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183615	Ref	Engine Harness (ULS)	D
1	1001126487	1	Connector	
2	1001167634	2	Terminal	
3	1001126485	2	Seal	
6	1001126487	1	Connector	
7	1001167634	2	Terminal	
8	1001126485	2	Seal	
9	1001167616	1	Box, Fuse	
10	8220097	21	TERMINAL,TANGLESS FEMALE METRI-PACK 280	
11	8220098	16	TERMINAL,TANGLESS FEMALE METRI-PACK 280	
12	1001116725	3	Terminal	
13	1001175265	11	Seal	
14	4460458	16	Seal	
15	80963067	2	Seal	
16	4460748	5	Plug	
17	8229242	5	Fuse, 5A	
18	8229244	1	Fuse, 15A	
19	8229247	1	Fuse, 25A	
20	8229245	1	Fuse, 30A	
21	1001095704	5	Fuse, 35A	
22	1001177597	1	Fuse, 6A	
23	1001197719	1	Resistor	
24	1001190921	1	Seal, Fuse Box	
25	2902443	1	Kit, Receptacle	
26	4461071	6	Terminal	
27	4461072	1	Housing, Flange Mount Receptacle Inner	
28	4461073	1	Cap, Dust	
29	4461074	1	Housing, Receptacle Outer	
30	1001118282	1	Connector	
31	1001116734	2	Terminal	
32	1001116732	2	Terminal	
33	1001128128	1	Plug	
34	8220108	1	Terminal, Blade	
35	8220108	1	Terminal, Blade	
36	8220115	1	Terminal, Ring	
37	1001138116	1	Connector	
38	1001133715	3	Terminal	
39	1001135650	4	Seal	
40	1001126487	1	Connector	
41	1001167635	2	Terminal	
42	1001126485	2	Seal	
43	4460539	1	Connector	
44	77363244	1	Lock, Connector	
45	4460465	3	Terminal	
46	1001167629	1	Connector	
47	1001167630	4	Terminal	
48	1001126485	4	Seal	
56	1001126245	1	Connector	
57	1001126008	2	Terminal	
58	1001167615	1	Connector	

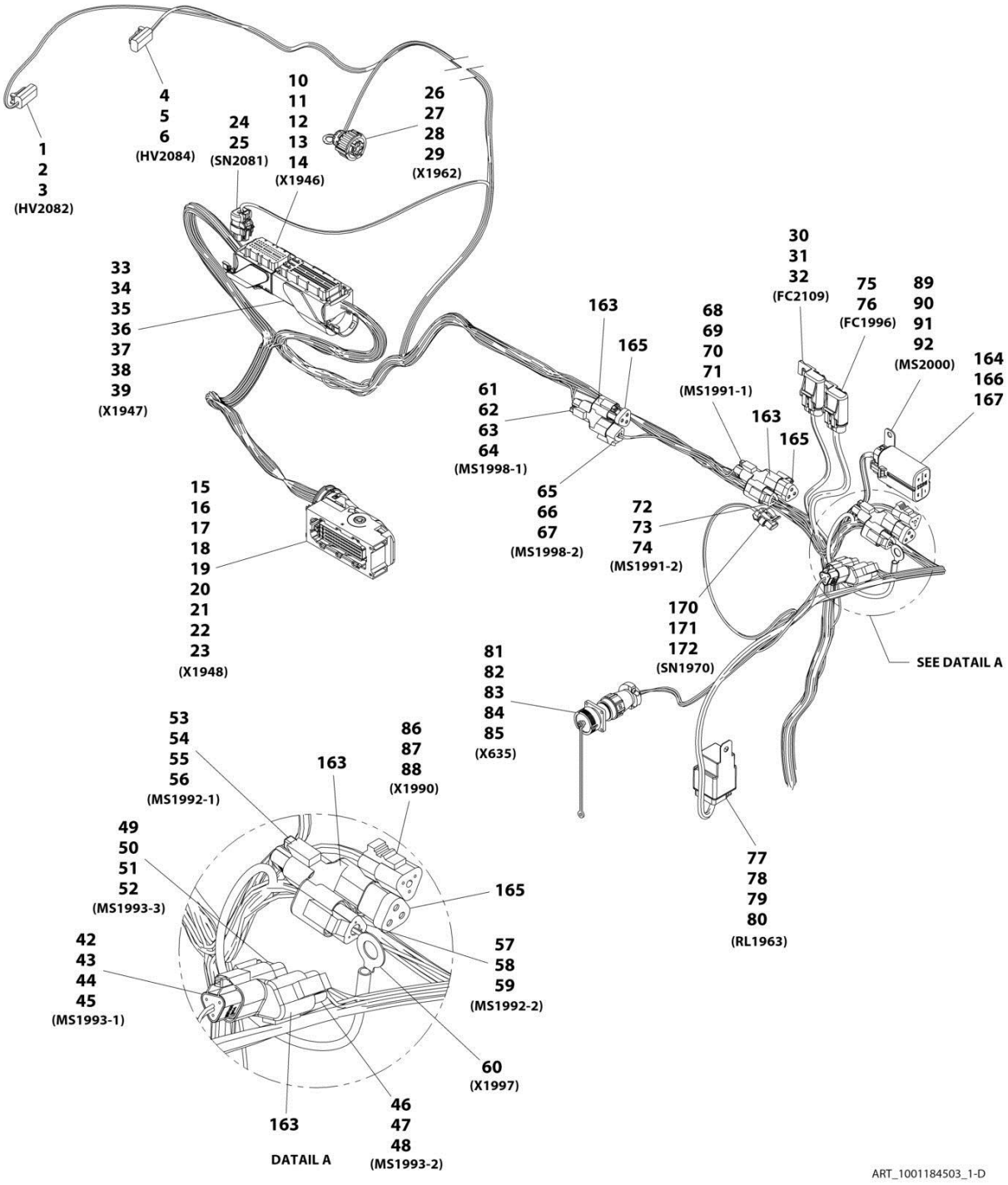
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
59	1001166551	6	Terminal	
60	1001126353	6	Seal	
61	1001167621	21	Terminal	
62	1001167622	64	Plug	
63	1001167625	1	Connector	
64	1001166555	13	Terminal	
65	1001167621	50	Terminal	
66	1001167623	5	Plug	
67	1001167622	37	Plug	
68	4460950	1	Connector	
69	80363179	1	Lock, Connector	
70	4460464	8	Terminal	
71	4460466	4	Plug	
72	4460894	1	Connector	
73	91504107	1	Lock, Connector	
74	4460465	5	Terminal	
75	4460466	1	Plug	
76	4460933	1	Connector	
77	80604016	1	Lock, Connector	
78	4460944	12	Terminal	
79	4460891	1	Connector	
80	80604018	1	Lock, Connector	
81	4460465	2	Terminal	
82	1001117109	1	Terminal, Ring	
83	1001117110	1	Terminal, Ring	
84	1001117110	1	Terminal, Ring	
85	1001117110	1	Terminal, Ring	
86	4460256	1	Terminal, Ring	
87	4460970	1	Connector	
88	80363179	1	Lock, Connector	
89	4460464	8	Terminal	
90	4460466	4	Plug	
91	4460891	1	Connector	
92	80604016	1	Lock, Connector	
93	4460465	2	Terminal	
94	4460891	1	Connector	
95	80604016	1	Lock, Connector	
96	4460465	2	Terminal	
97	4460891	1	Connector	
98	80604016	1	Lock, Connector	
99	4460465	2	Terminal	
100	4460891	1	Connector	
101	80604016	1	Lock, Connector	
102	4460465	2	Terminal	
103	1001144147	1	Connector	
104	91554022	1	Lock, Connector	
105	4460464	2	Terminal	
106	4460466	1	Plug	
107	1001116811	1	Connector	
108	4460508	3	Plug	
109	4460466	1	Plug	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
110	1001116812	1	Connector	
111	91554019	1	Lock, Connector	
112	4460944	2	Terminal	
113	4460466	1	Plug	
114	4461095	1	Connector	
115	4460465	2	Terminal	
116	4460466	1	Plug	
117	4460891	1	Connector	
118	80604016	1	Lock, Connector	
119	4460465	2	Terminal	
120	4461095	1	Connector	
121	4460465	2	Terminal	
122	4460466	1	Plug	
123	4460539	1	Connector	
124	4460944	2	Terminal	
125	4460466	1	Plug	
126	4460891	1	Connector	
127	80604016	1	Lock, Connector	
128	4460465	2	Terminal	
129	4460891	1	Connector	
130	80604016	1	Lock, Connector	
131	4460465	2	Terminal	
132	1001116950	1	Connector	
133	4460465	2	Terminal	
134	4460247	1	Terminal, Ring	
135	1001167636	1	Connector	
136	1001166702	2	Terminal	
137	4461006	2	Seal	
138	1001116812	1	Connector	
139	4460944	2	Terminal	
140	4460466	1	Plug	
141	4460891	1	Connector	
142	80604016	1	Lock, Connector	
143	4460465	2	Terminal	
144	4461018	1	Connector	
145	4460509	2	Terminal	
146	4460891	1	Connector	
147	80604016	1	Lock, Connector	
148	4460465	1	Terminal	
149	4460466	1	Plug	
150	4460891	1	Connector	
151	80604016	1	Lock, Connector	
152	4460465	2	Terminal	
153	1001133714	1	Connector	
154	4460508	3	Terminal	
155	4460466	1	Plug	
156	1001165194	1	Connector	
157	1001166556	8	Terminal	
158	1001116701	8	Seal	
159	1001166774	2	Terminal	
160	1001126393	2	Seal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
161	1001126391	2	Plug	
162	4460891	1	Connector	
163	80604016	1	Lock, Connector	
164	4460465	2	Terminal	
165	4460891	1	Connector	
166	80604016	1	Lock, Connector	
167	4460465	2	Terminal	
168	1001133714	1	Connector	
169	1001133715	3	Terminal	
170	1001135650	3	Seal	
171	1001135651	1	Plug	
172	1001167620	1	Connector	
173	1001167622	2	Terminal	
174	1001167623	2	Plug	
175	1001167624	2	Plug	
176	4460891	1	Connector	
177	4460942	2	Terminal	
178	4460884	1	Connector	
179	80604021	1	Lock, Connector	
180	4460465	4	Terminal	
181	4460891	1	Connector	
182	4460942	2	Terminal	
183	4460891	1	Connector	
184	4460942	2	Terminal	
185	4460897	3	Connector	
186	4460466	2	Plug	
187	4460933	1	Connector	
188	4460465	7	Terminal	
189	4460466	5	Plug	
190	4460891	1	Connector	
191	80604016	1	Lock, Connector	
192	4460465	2	Terminal	
193	4460891	1	Connector	
194	80604016	1	Lock, Connector	
195	4460465	2	Terminal	
199	1001125677	1	Connector	
200	4460892	1	Terminal	
201	4460945	1	Receptacle, 3-Way	
202	4461070	2	Connector	
203	1001167631	1	Connector	
204	1001167630	4	Terminal	
205	1001126485	4	Seal	
206	1001116950	1	Connector	
207	4460465	2	Terminal	
208	1001148842	1	Connector	
209	1001148841	3	Terminal	
210	1001135650	3	Seal	
211	4460508	1	Plug	
212	1001201478	1	Connector, Strain Relief	
213	10011209097	1	Connector	
214	8200124	2	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
215	1001189877	2	Seal	
216	1001126362	1	Connector	
217	1001166556	30	Terminal	
218	1001166774	10	Terminal	
219	1001166541	2	Terminal	
220	1001166543	2	Terminal	
221	1001126391	16	Plug	
222	4461008	2	Plug	
223	1001166701	30	Seal	
224	1001126393	10	Seal	
225	4461006	2	Seal	
226	4461054	2	Seal	

FIGURE 10-67. ENGINE HARNESS (LS)



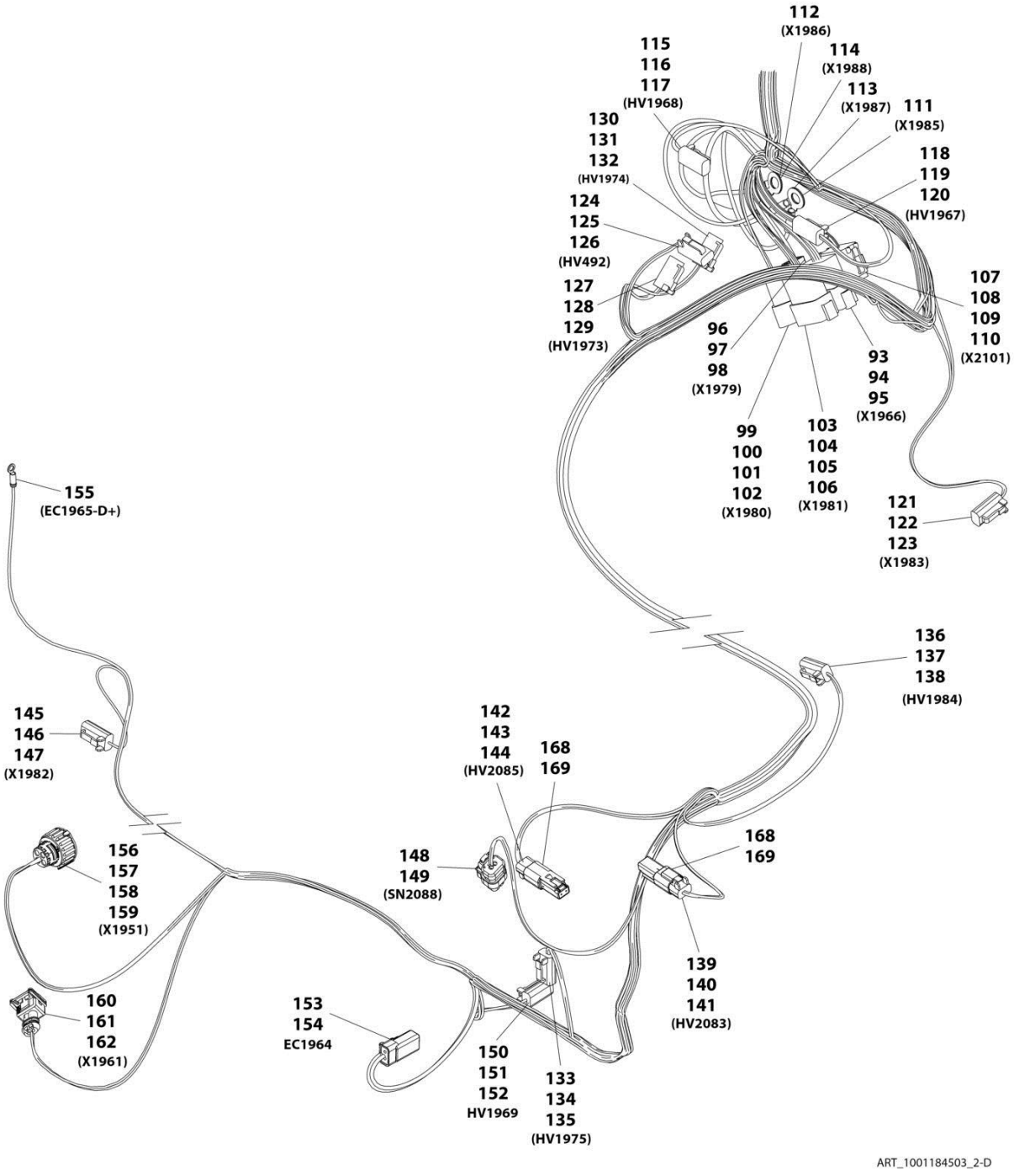

112
(X1986)
114
(X1988)
113
(X1987)
111
(X1985)
115
116
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(HV1968)
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131
132
(HV1974)
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(HV1967)
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(HV492)
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129
(HV1973)
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(X2101)
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(X1981)
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(X1983)
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(EC1965-D+)
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138
(HV1984)
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(X1982)
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(HV2085)
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(X1951)
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(SN2088)
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141
(HV2083)
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161
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(X1961)
153
154
EC1964
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HV1969
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135
(HV1975)
ART_1001184503_2-D

FIGURE 10-67. ENGINE HARNESS (LS)

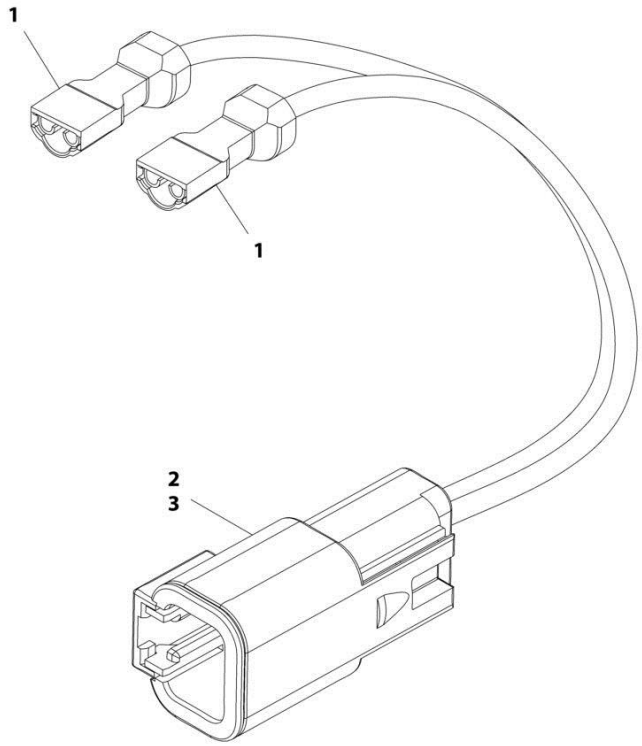
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184503	Ref	Engine Harness (LS)	D
1	4460891	1	Connector	
2	80604018	1	Lock, Connector	
3	4460465	2	Terminal	
4	4460891	1	Connector	
5	80604018	1	Lock, Connector	
6	4460465	2	Terminal	
10	1001126360	1	Connector	
11	1001126351	13	Terminal	
12	1001126384	17	Terminal	
13	1001126357	11	Plug	
14	1001126356	19	Plug	
15	1001126362	1	Connector	
16	1001166556	24	Terminal	
17	1001166701	24	Seal	
18	1001166774	10	Terminal	
19	1001126393	10	Seal	
20	1001166543	2	Terminal	
21	4461054	2	Seal	
22	1001126391	22	Plug	
23	1001116696	4	Plug	
24	1001116950	1	Connector	
25	4460465	2	Terminal	
26	1001133714	1	Connector	
27	1001133715	3	Terminal	
28	1001135650	3	Seal	
29	1001135651	1	Plug	
30	1001117018	1	Connector (includes 25 amp auto fuse)	
31	1001116734	1	Terminal	
32	1001116735	1	Terminal	
33	1001126349	1	Connector	
34	1001126352	6	Terminal	
35	1001126353	6	Seal	
36	1001126384	19	Terminal	
37	1001126351	2	Terminal	
38	1001126356	65	Terminal	
39	1001126357	2	Plug	
42	1001116812	1	Connector	
43	91554019	1	Lock, Connector	
44	4460944	2	Terminal	
45	4460466	1	Plug	
46	4460539	1	Connector	
47	4460944	2	Terminal	
48	4460466	1	Plug	
49	1001116812	1	Connector	
50	91554019	1	Lock, Connector	
51	4460944	2	Terminal	
52	4460466	1	Plug	
53	1001116812	1	Connector	
54	91554019	1	Lock, Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	4460944	2	Terminal	
56	4460466	1	Plug	
57	4460539	1	Connector	
58	4460944	2	Terminal	
59	4460466	1	Plug	
60	1001117110	1	Ring, Terminal	
61	1001116812	1	Connector	
62	91554019	1	Lock, Connector	
63	4460944	2	Terminal	
64	4460466	1	Plug	
65	4460539	1	Connector	
66	4460944	2	Terminal	
67	4460466	1	Plug	
68	1001116812	1	Connector	
69	91554019	1	Lock, Connector	
70	4460944	2	Terminal	
71	4460466	1	Plug	
72	4460539	1	Connector	
73	4460944	2	Terminal	
74	4460466	1	Plug	
75	1001117018	1	Connector (includes 25 amp auto fuse)	
76	1001116734	2	Terminal	
77	1001118282	1	Connector	
78	1001116734	3	Terminal	
79	1001116732	1	Terminal	
80	1001128128	1	Plug	
81	2902443	1	Kit, Receptacle	
82	4461071	6	Terminal	
83	4461072	1	Housing, Flange Mount Receptacle Inner	
84	4461073	1	Cap, Dust	
85	4461074	1	Housing, Receptacle Outer	
86	4460539	1	Connector	
87	4460465	2	Terminal	
88	4460942	1	Terminal	
89	1001184551	1	Connector	
90	1001116728	7	Terminal	
91	1001116747	1	Terminal	
92	1001175265	8	Seal	
93	4460970	1	Connector	
94	4460464	7	Terminal	
95	4460466	5	Plug	
96	1001116811	1	Connector	
97	4460508	3	Terminal	
98	4460466	1	Plug	
99	1001144147	1	Connector	
100	91554022	1	Lock, Connector	
101	4460464	2	Terminal	
102	4460466	1	Plug	
103	4460950	1	Connector Housing	
104	80363179	1	Lock, Connector	
105	4460464	9	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
106	4460466	3	Plug	
107	4460933	1	Connector	
108	80604016	1	Lock, Connector	
109	4460465	7	Terminal	
110	4460466	5	Plug	
111	1001117110	1	Ring, Terminal	
112	1001117109	1	Ring, Terminal	
113	1001117110	1	Ring, Terminal	
114	1001117110	1	Ring, Terminal	
115	4460891	1	Connector	
116	80604018	1	Lock, Connector	
117	4460465	2	Terminal	
118	4460891	1	Connector	
119	80604018	1	Lock, Connector	
120	4460465	2	Terminal	
121	4460891	1	Connector	
122	80604018	1	Lock, Connector	
123	4460465	2	Terminal	
124	4460891	1	Connector	
125	80604018	1	Lock, Connector	
126	4460465	2	Terminal	
127	4460891	1	Connector	
128	80604018	1	Lock, Connector	
129	4460465	2	Terminal	
130	4460891	1	Connector	
131	80604018	1	Lock, Connector	
132	4460465	2	Terminal	
133	4460891	1	Connector	
134	80604018	1	Lock, Connector	
135	4460465	2	Terminal	
136	4460891	1	Connector	
137	80604018	1	Lock, Connector	
138	4460465	2	Terminal	
139	4460891	1	Connector	
140	80604018	1	Lock, Connector	
141	4460465	2	Terminal	
142	4460891	1	Connector	
143	80604018	1	Lock, Connector	
144	4460465	2	Terminal	
145	4460891	1	Connector	
146	80604018	1	Lock, Connector	
147	4460465	2	Terminal	
148	1001116950	1	Connector	
149	4460465	2	Terminal	
150	4460891	1	Connector	
151	80604018	1	Lock, Connector	
152	4460465	2	Terminal	
153	4461018	1	Connector	
154	4460509	2	Belgium Built Machines - Use Terminal	
155	4460247	1	Terminal, Ring	
156	1001133714	1	Connector	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
157	1001133715	3	Terminal	
158	1001135650	3	Seal	
159	1001135651	1	Plug	
160	1001116983	1	Connector	
161	1001116710	2	Terminal	
162	4461006	2	Seal	
163	4460945	4	Connector	
164	8229242	1	Fuse, 5A	
165	1001116815	3	Connector	
166	1001177597	1	Diode, 6A	
167	1001197719	2	Resistor	
168	4460466	4	Plug	
169	4460897	2	Connector	
170	4461118	1	Connector	
171	8220124	2	Terminal	
172	1001189877	2	Seal	

FIGURE 10-68. FUEL PUMP HARNESS

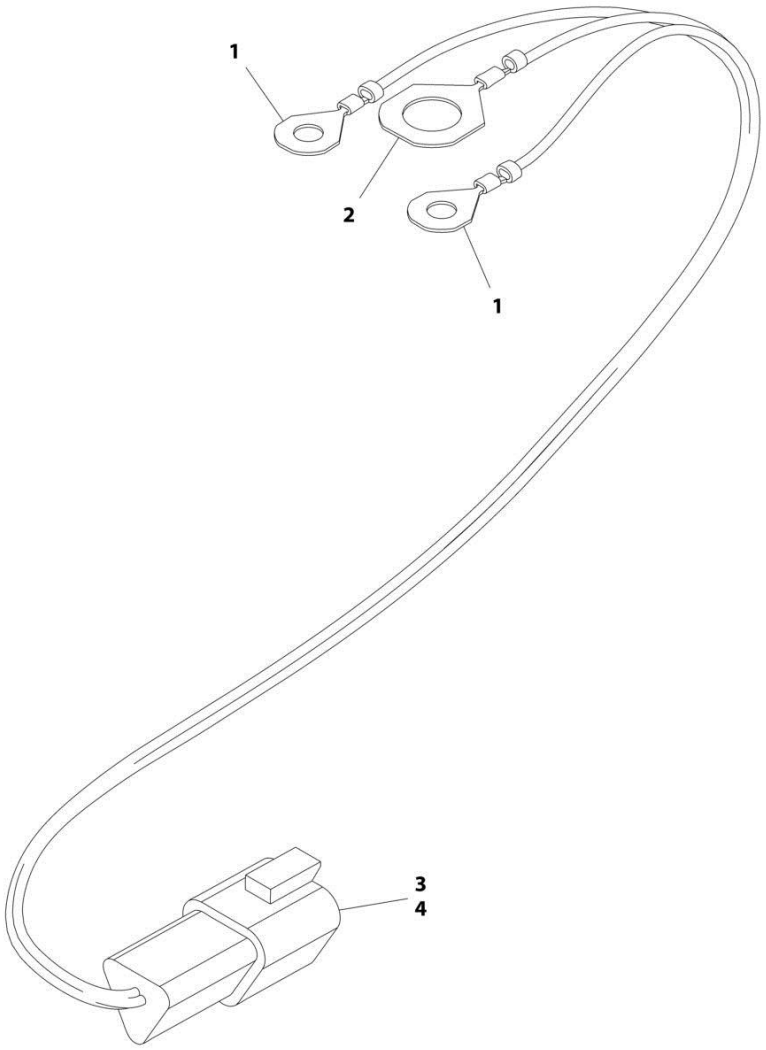


ART_1001182929-E

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. BOOM HARNESS

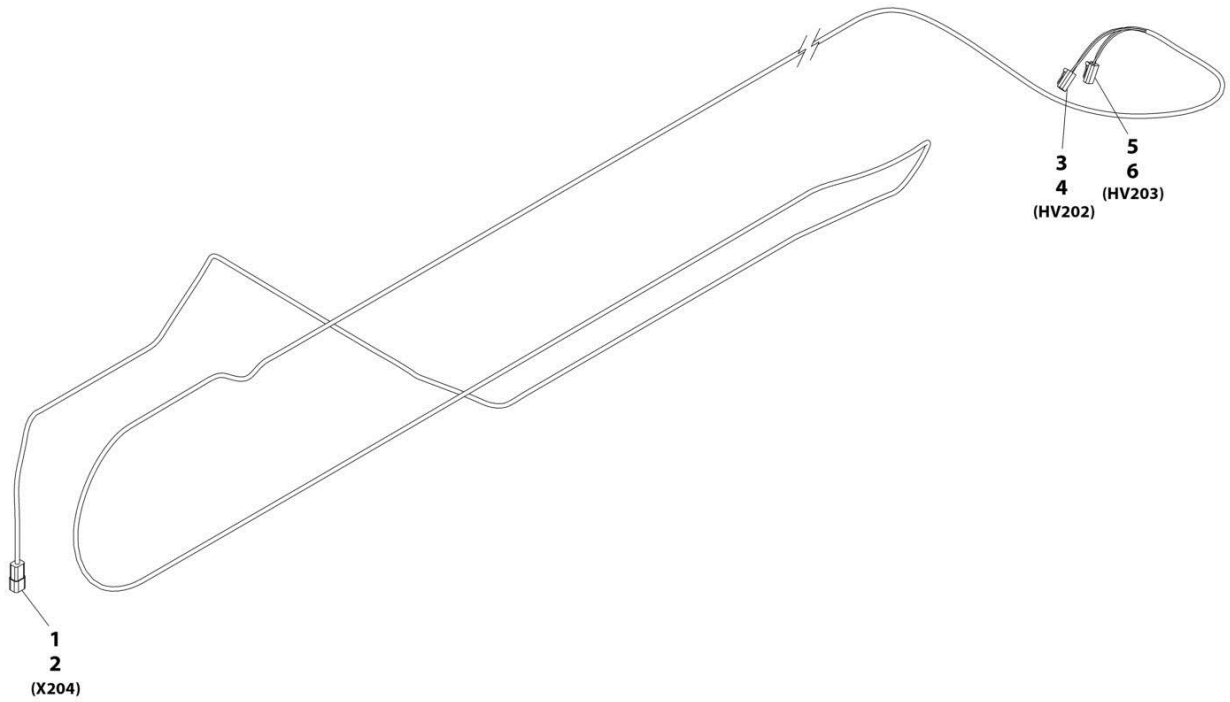


FIGURE 10-70. BOOM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184420	Ref	Boom Harness	C
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 10-71. LMIS CHASSIS HARNESS

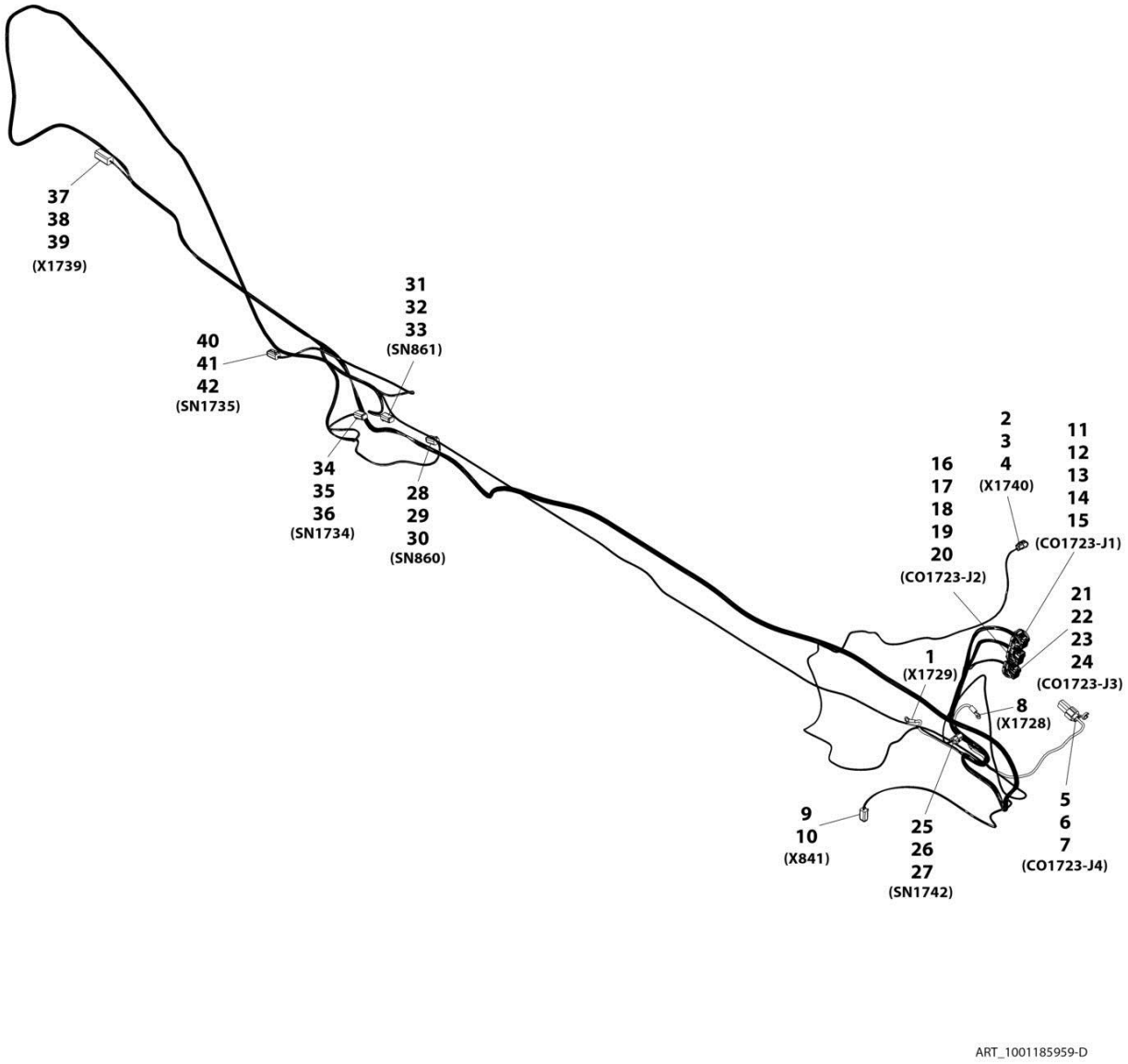
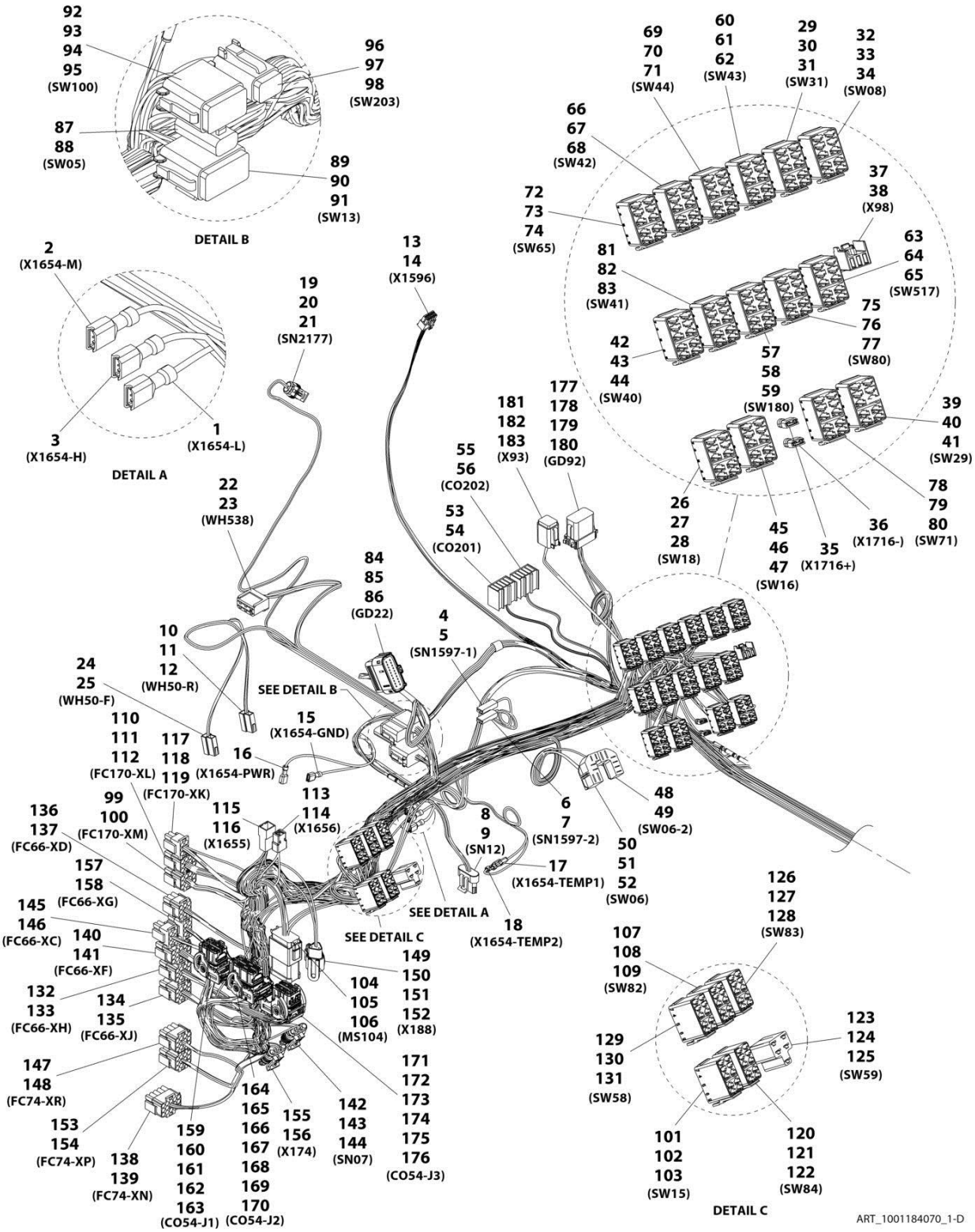


FIGURE 10-71. LMIS CHASSIS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185959	Ref	LMIS Harness	D
1	1001117109	1	Terminal, Ring	
2	1001116812	1	Connector	
3	4460944	2	Terminal	
4	4460466	1	Plug	
5	1001160509	1	Connector	
6	1001160510	1	Terminal	
7	1001175266	1	Seal	
8	8220114	1	Terminal, Ring	
9	4460884	1	Connector	
10	4460465	4	Terminal	
11	1001161957	1	Connector	
12	1001161095	11	Terminal	
13	1001161100	13	Plug	
14	1001161099	4	Terminal	
15	1001161101	4	Plug	
16	1001161963	1	Connector	
17	1001161095	13	Terminal	
18	1001161100	27	Plug	
19	1001161099	4	Terminal	
20	1001161101	4	Plug	
21	1001160500	1	Connector	
22	1001161095	5	Terminal	
23	1001161100	19	Plug	
24	1001161101	8	Plug	
25	4460539	1	Connector	
26	4460942	1	Terminal	
27	4460465	2	Terminal	
28	4460884	1	Connector	
29	4460942	1	Terminal	
30	4460465	3	Terminal	
31	4460884	1	Connector	
32	4460942	1	Terminal	
33	4460465	3	Terminal	
34	4460884	1	Connector	
35	4460942	1	Terminal	
36	4460465	3	Terminal	
37	4460899	1	Connector	
38	4460464	2	Terminal	
39	4460466	4	Plug	
40	4460884	1	Connector	
41	4460942	1	Terminal	
42	4460465	3	Terminal	

FIGURE 10-72. CAB HARNESS



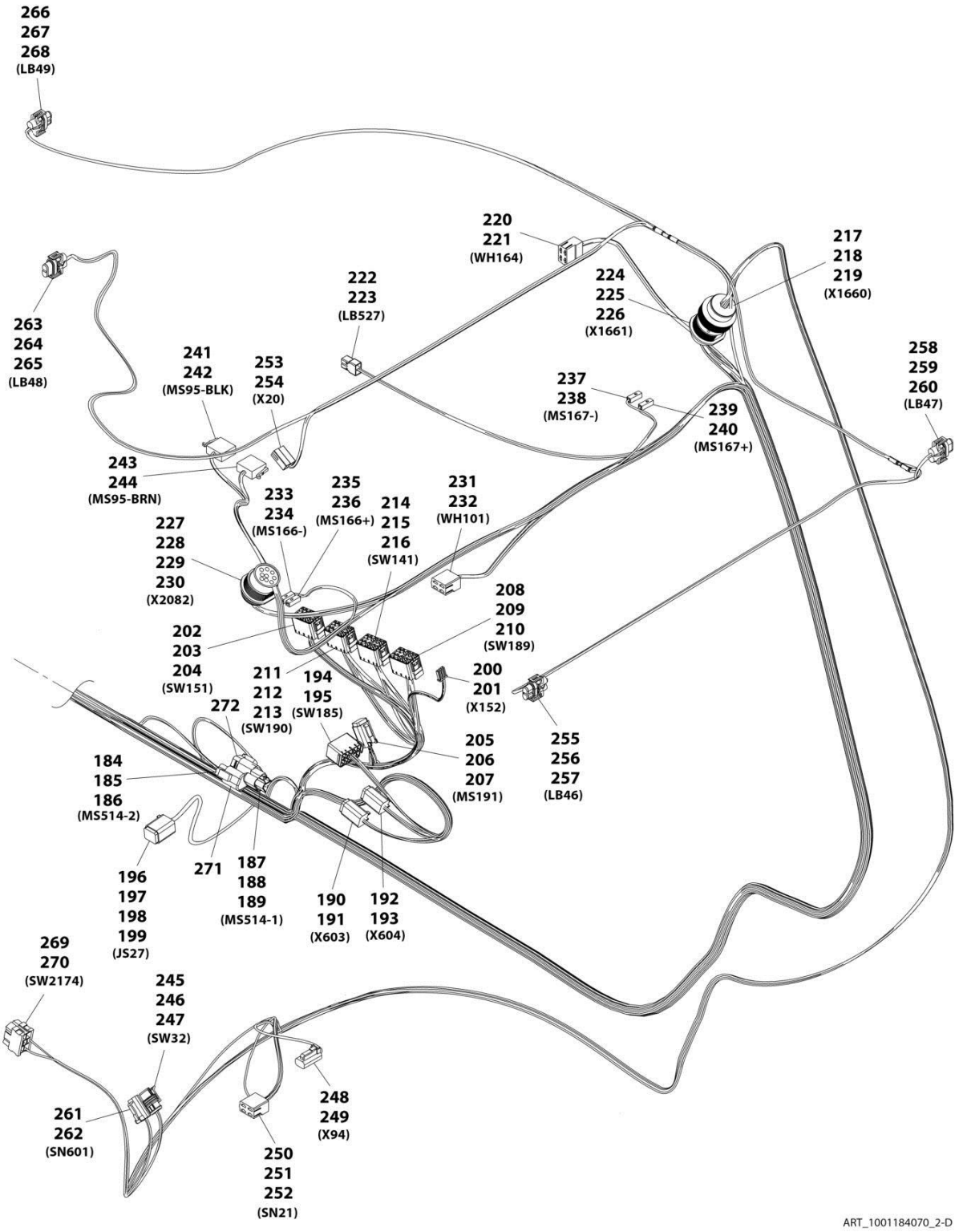

266
267
268
(LB49)
263
264
265
(LB48)
241
242
(MS95-BLK)
253
254
(X20)
222
223
(LB527)
220
221
(WH164)
224
225
226
(X1661)
217
218
219
(X1660)
258
259
260
(LB47)
237
238
(MS167-)
239
240
(MS167+)
243
244
(MS95-BRN)
233
234
(MS166-)
235
236
(MS166+)
214
215
216
(SW141)
231
232
(WH101)
227
228
229
230
(X2082)
208
209
210
(SW189)
202
203
204
(SW151)
211
212
213
(SW190)
194
195
(SW185)
200
201
(X152)
272
205
206
207
(MS191)
255
256
257
(LB46)
184
185
186
(MS514-2)
196
197
198
199
(JS27)
271
187
188
189
(MS514-1)
190
191
(X603)
192
193
(X604)
269
270
(SW2174)
245
246
247
(SW32)
261
262
(SN601)
248
249
(X94)
250
251
252
(SN21)
ART_1001184070_2-D

FIGURE 10-72. 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 10-73. CAB OPTION HARNESS

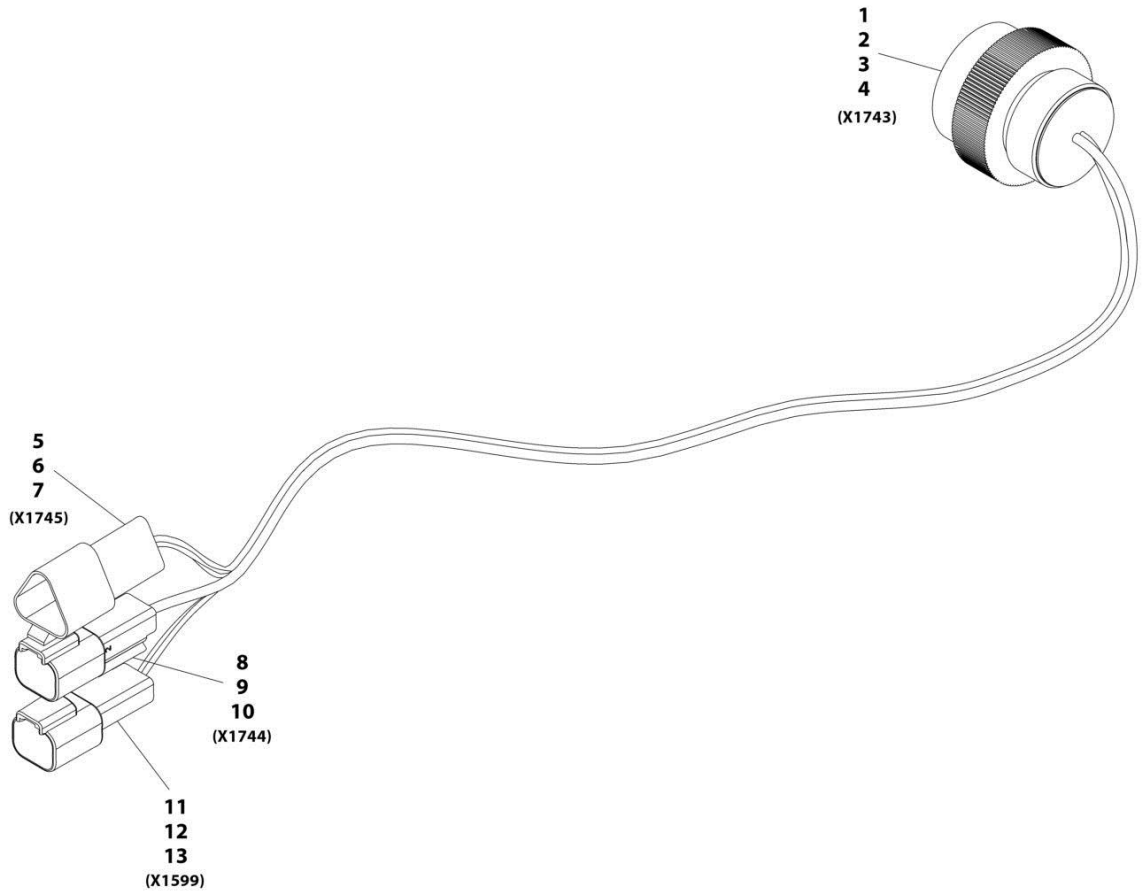


FIGURE 10-73. CAB OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181681	Ref	Cab Option Harness	C
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 10-74. CAB HEATER HARNESS (Prior to SN 1160008518)

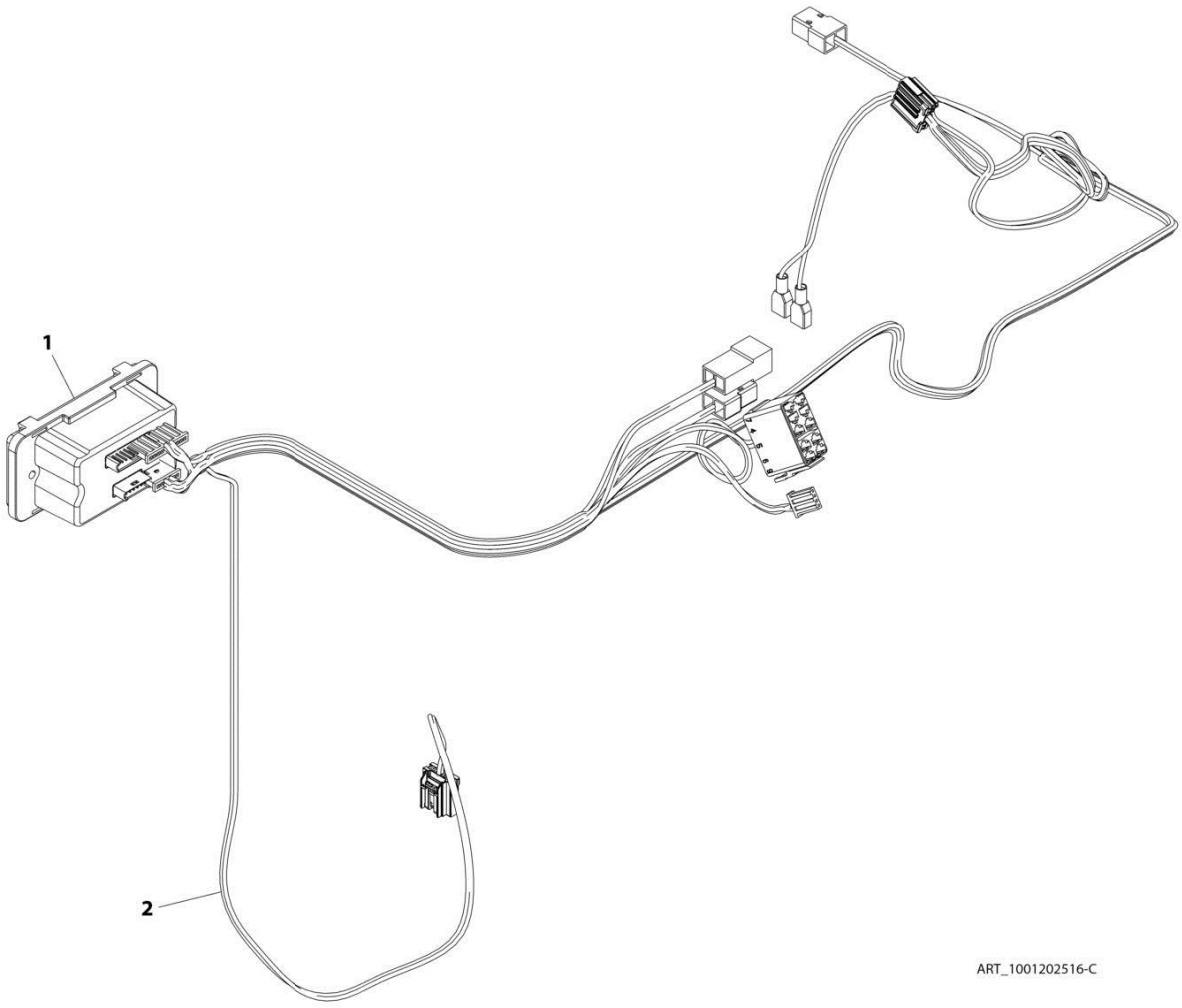


FIGURE 10-74. CAB HEATER HARNESS (Prior to SN 1160008518)

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. CAB HEATER HARNESS (SN 1160008518 to Present)

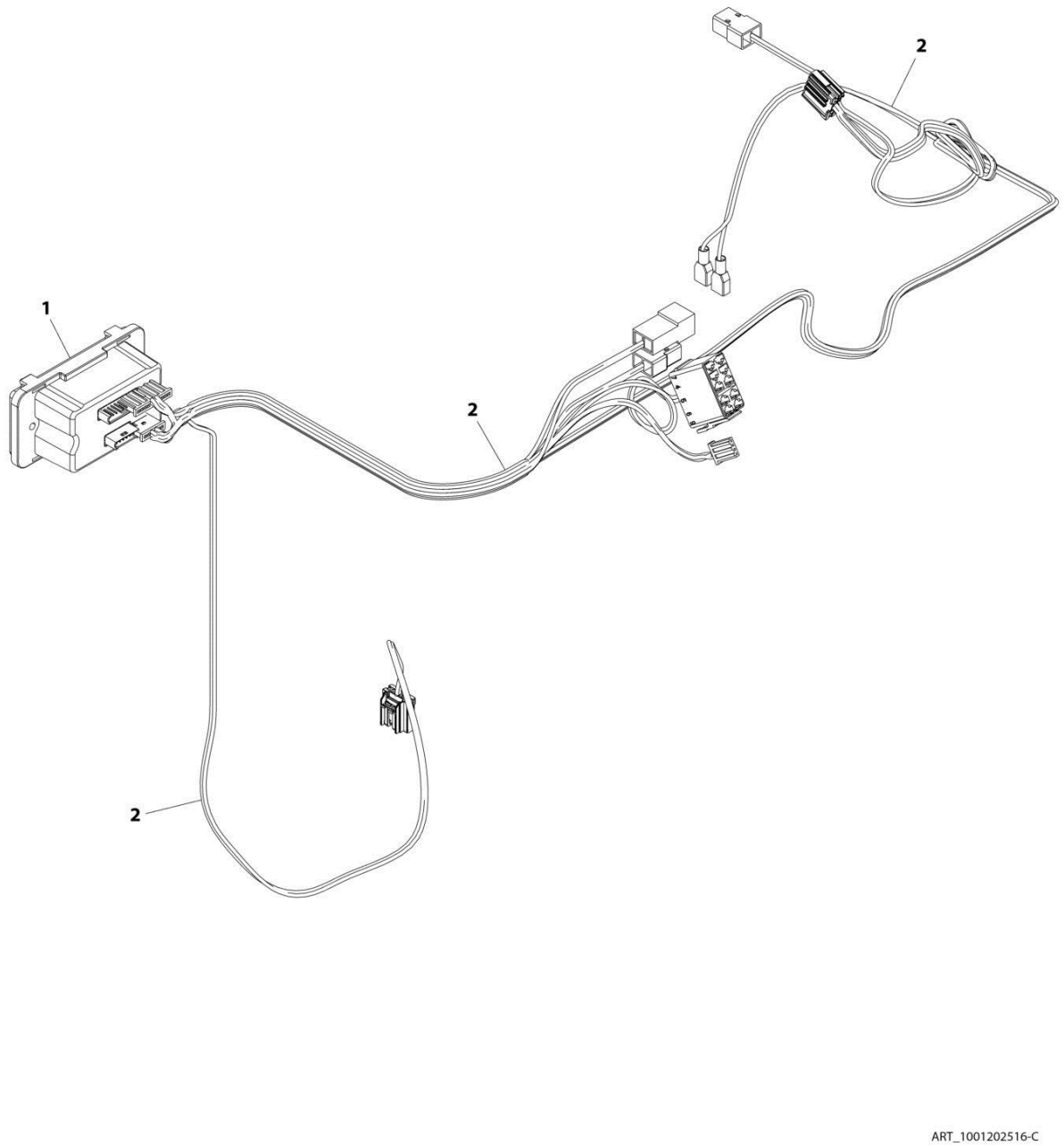


FIGURE 10-75. CAB HEATER HARNESS (SN 1160008518 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202516	Ref	Cab Heater Harness	C
1	1001172551	1	Actuator, HVAC (See Separate Breakdown in CAB Section)	
2	1001221056	1	Harness, HVAC Cab Actuator	

FIGURE 10-76. A/C OPTION HARNESS

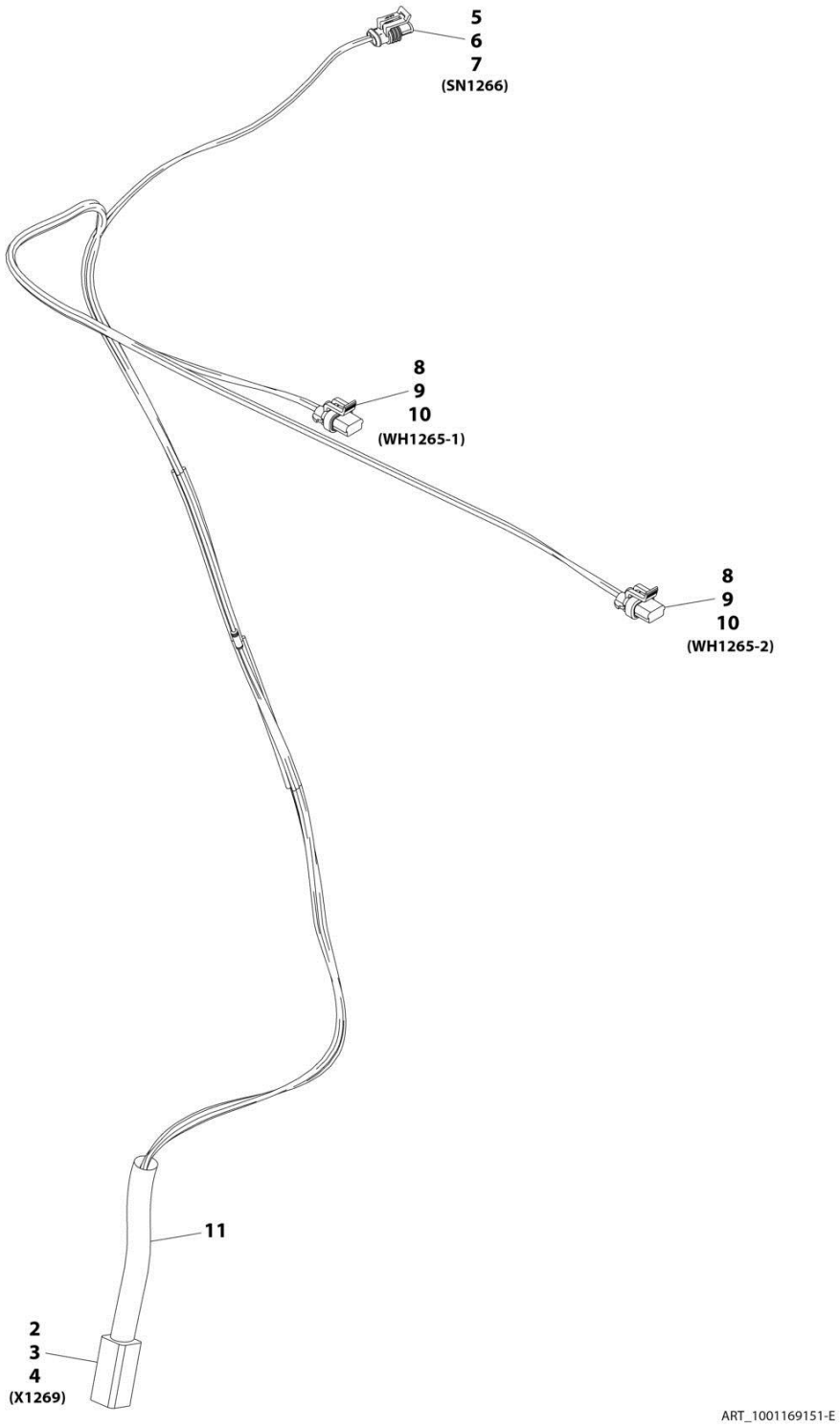
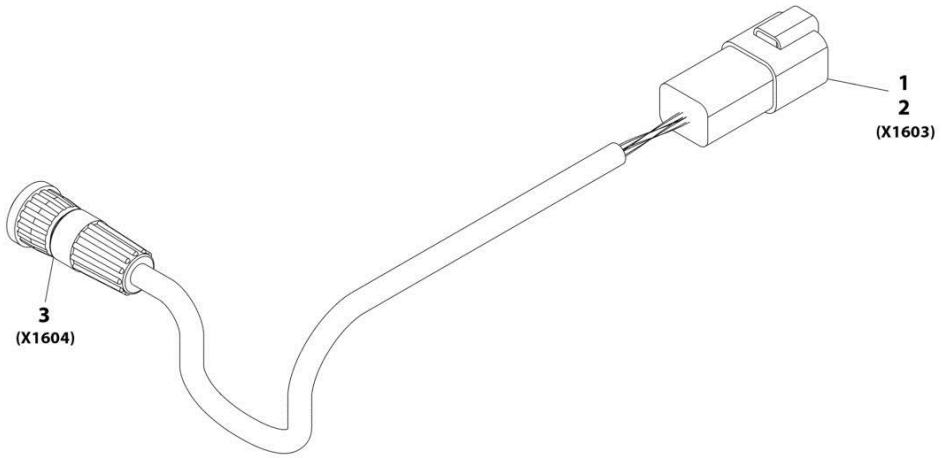


FIGURE 10-76. A/C OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169151	Ref	A/C Option Harness	E
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 10-77. REVERSE SENSOR HARNESS



ART_1001175776-C

FIGURE 10-77. 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 10-78. TELEMATICS HARNESS (A/C - ULS) (Prior to SN 1160008518)

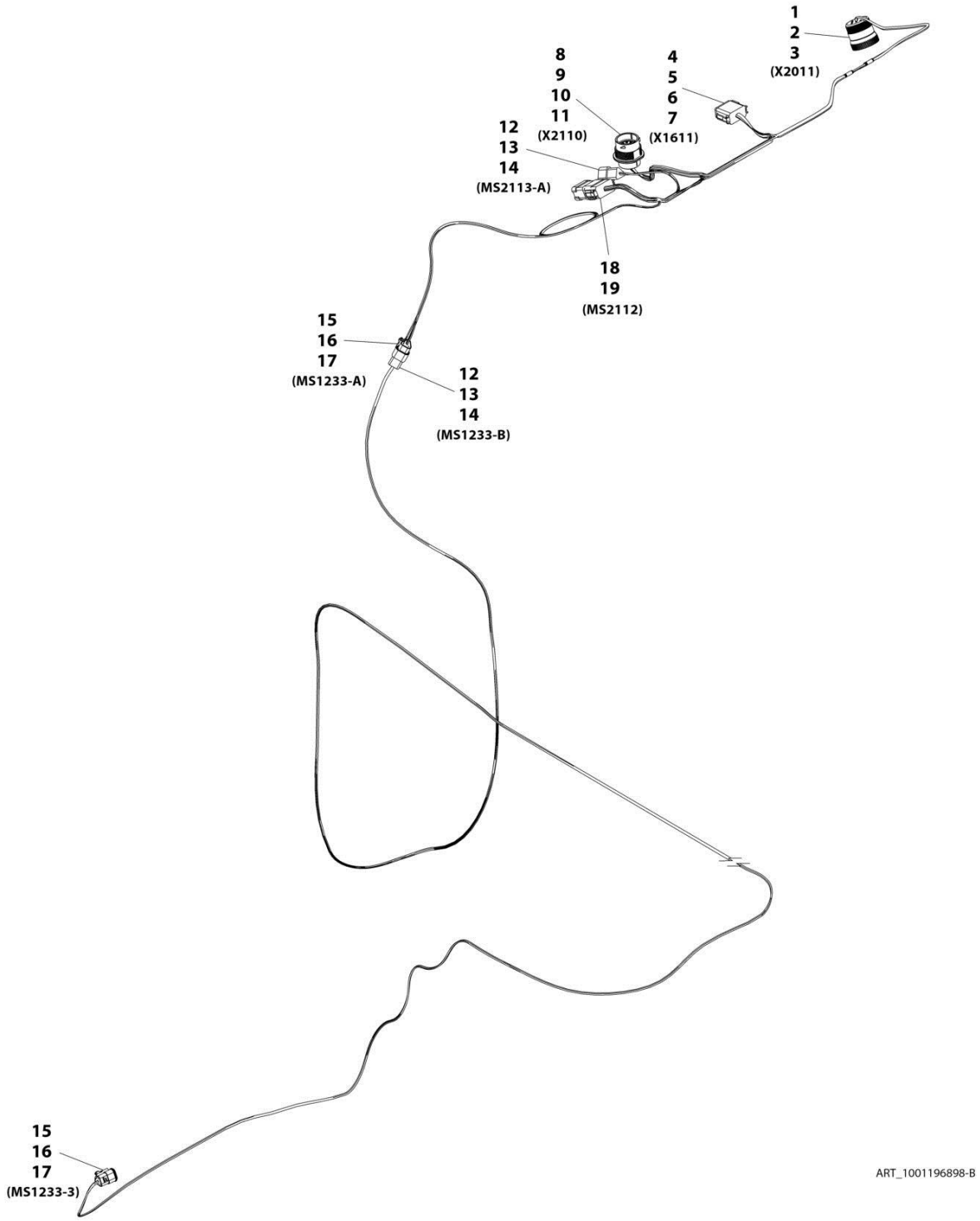


FIGURE 10-78. TELEMATICS HARNESS (A/C - ULS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196898	Ref	Telematics Harness (A/C - ULS)	B
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460466	6	Plug	
4	4460836	1	Connector	
5	4460465	8	Terminal	
6	4460466	2	Plug	
7	4460944	2	Terminal	
8	1001201081	1	Connector	
9	4460464	6	Terminal	
10	4460943	2	Terminal	
11	4460466	6	Plug	
12	1001144147	2	Connector	
13	4460943	2	Terminal	
14	4460466	1	Plug	
15	1001116812	2	Connector	
16	4460944	2	Terminal	
17	4460466	1	Plug	
18	4460930	1	Connector	
19	4460465	8	Plug	

FIGURE 10-79. TELEMATICS HARNESS (A/C - LS) (Prior to SN 1160008518)

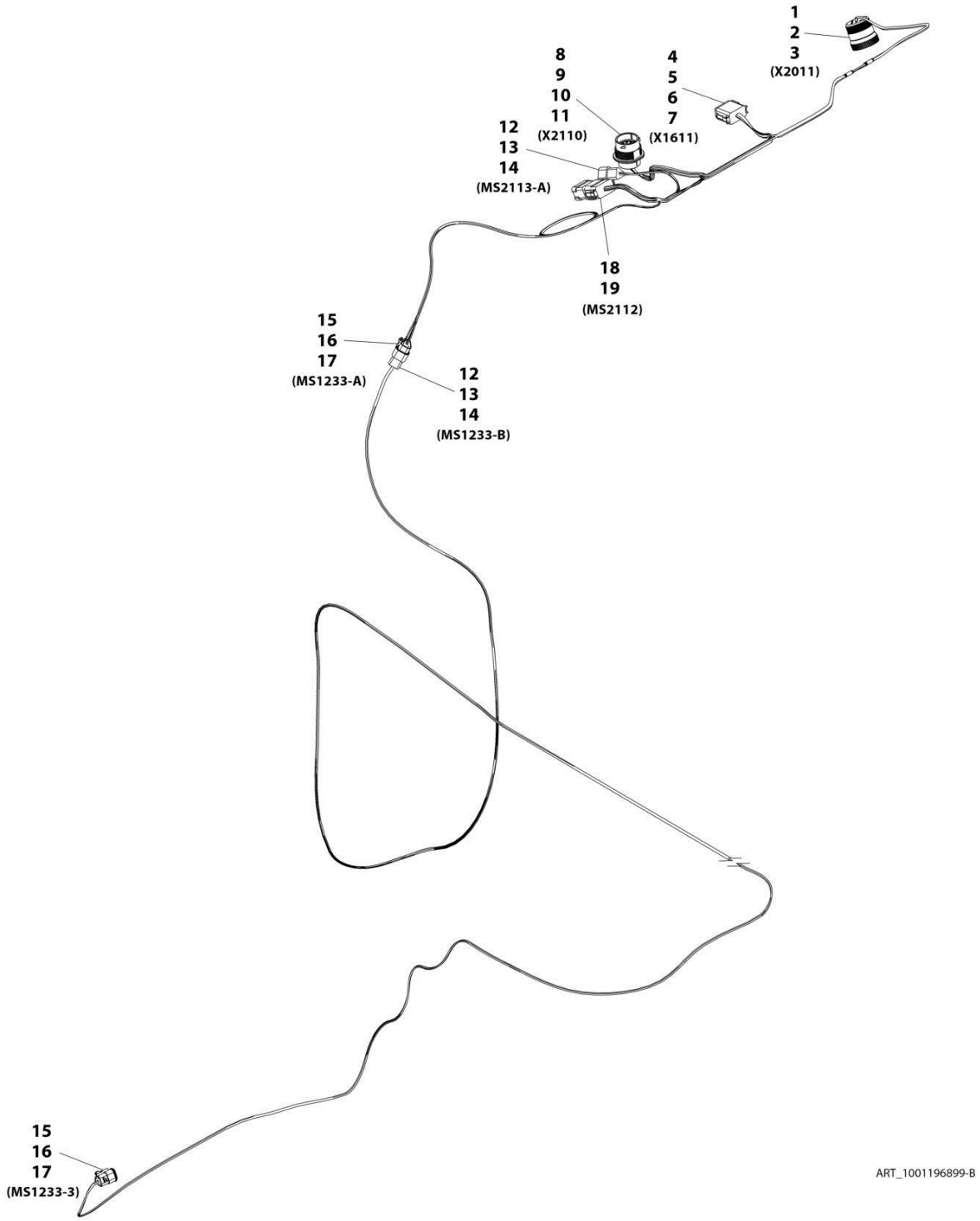


FIGURE 10-79. TELEMATICS HARNESS (A/C - LS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196899	Ref	Telematics Harness (A/C)	B
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460466	6	Plug	
4	4460836	1	Connector	
5	4460465	8	Terminal	
6	4460466	2	Plug	
7	4460944	2	Terminal	
8	1001201081	1	Connector	
9	4460464	6	Terminal	
10	4460943	2	Terminal	
11	4460466	6	Plug	
12	1001144147	2	Connector	
13	4460943	2	Terminal	
14	4460466	1	Plug	
15	1001116812	2	Connector	
16	4460944	2	Terminal	
17	4460466	1	Plug	
18	4460930	1	Connector	
19	4460465	8	Plug	

FIGURE 10-80. TELEMATICS HARNESS (NO A/C - ULS) (Prior to SN 1160008518)

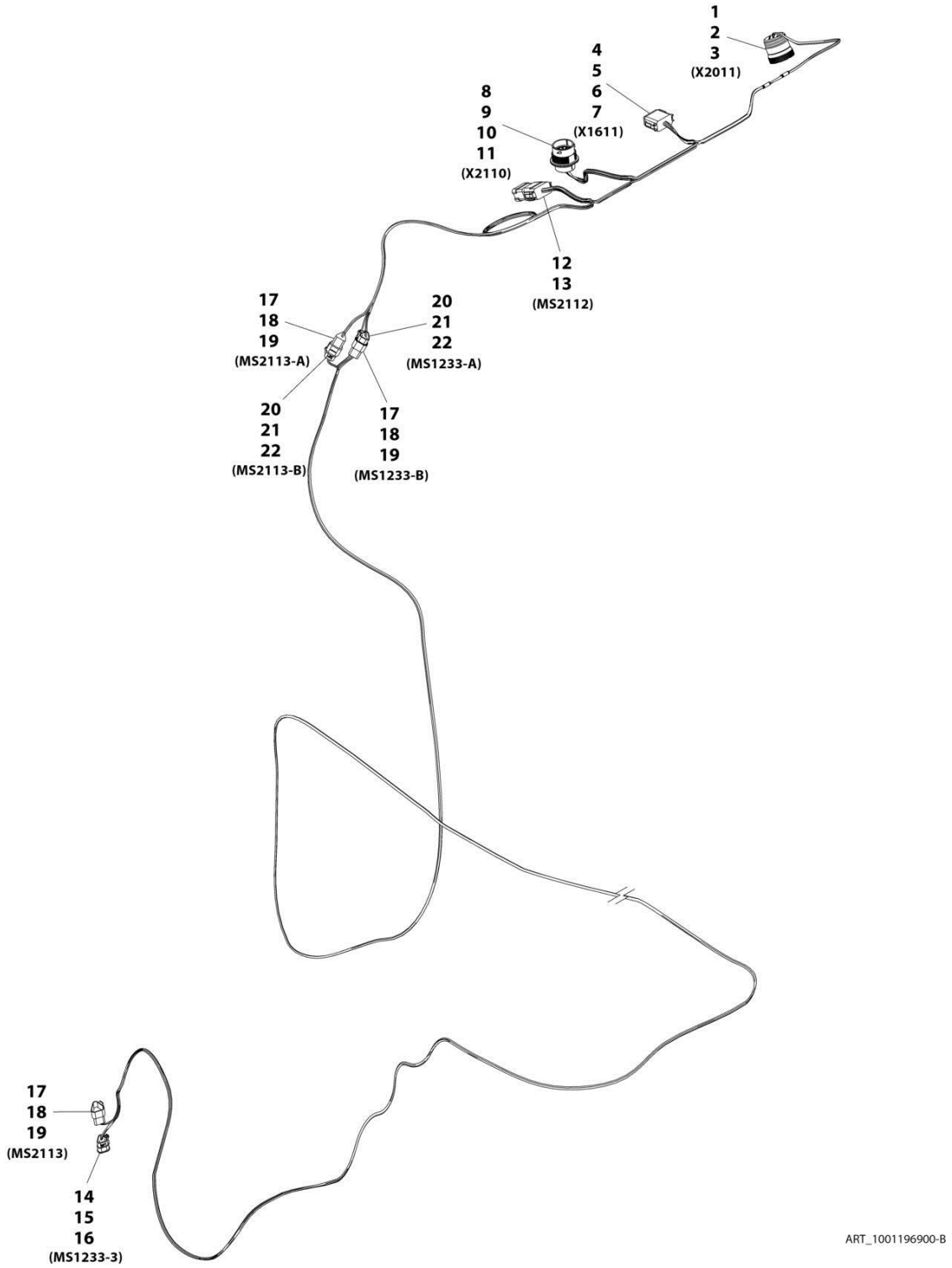


FIGURE 10-80. TELEMATICS HARNESS (NO A/C - ULS) (Prior to SN 1160008518)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196900	Ref	Telematics Harness (No A/C)	B
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460466	6	Plug	
4	4460836	1	Connector	
5	4460465	8	Terminal	
6	4460466	2	Plug	
7	4460944	2	Terminal	
8	1001201081	1	Connector	
9	4460464	6	Terminal	
10	4460943	2	Terminal	
11	4460466	6	Plug	
12	4460930	1	Connector	
13	4460465	8	Terminal	
14	1001116812	1	Connector	
15	4460944	2	Terminal	
16	4460466	1	Plug	
17	1001144147	3	Connector	
18	4460943	2	Terminal	
19	4460466	1	Plug	
20	1001116812	3	Connector	
21	4460944	2	Terminal	
22	4460466	1	Plug	

FIGURE 10-81. CLEARSKY HARNESS (A/C)

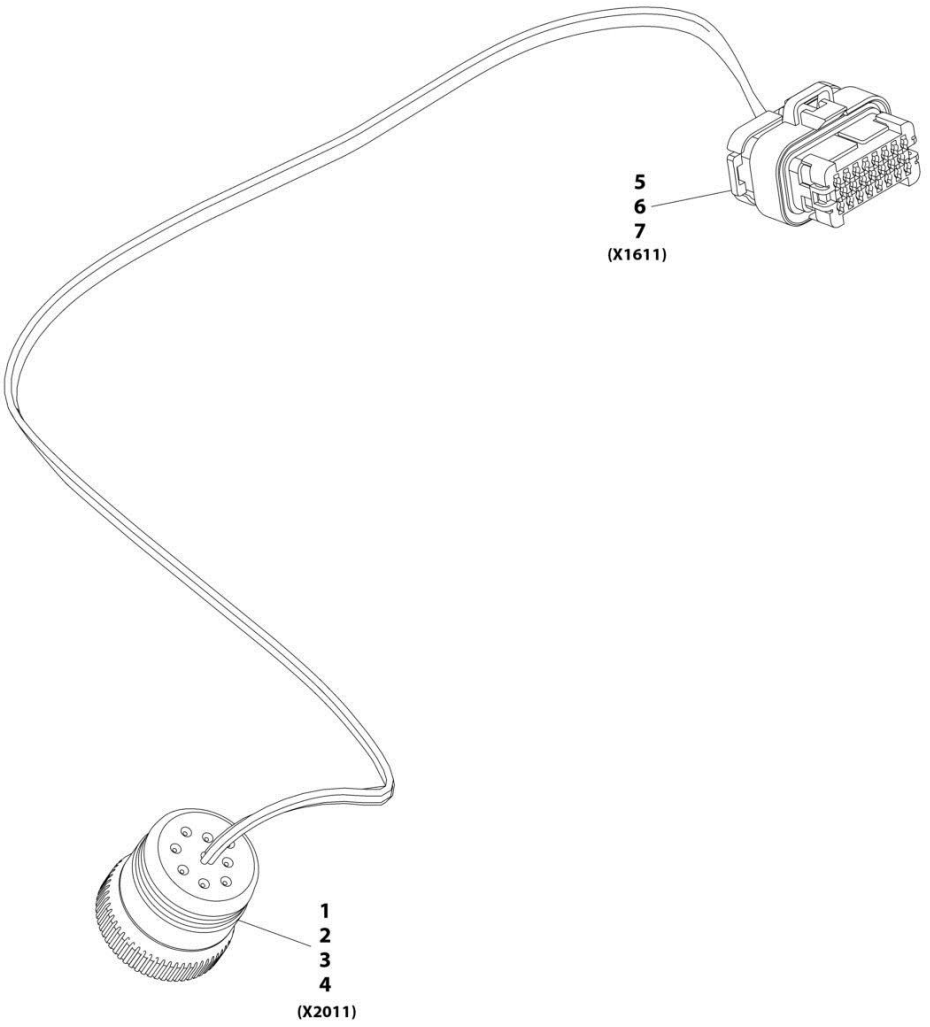


FIGURE 10-81. CLEARSKY HARNESS (A/C)

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 10-82. LICENSE LIGHT HARNESS

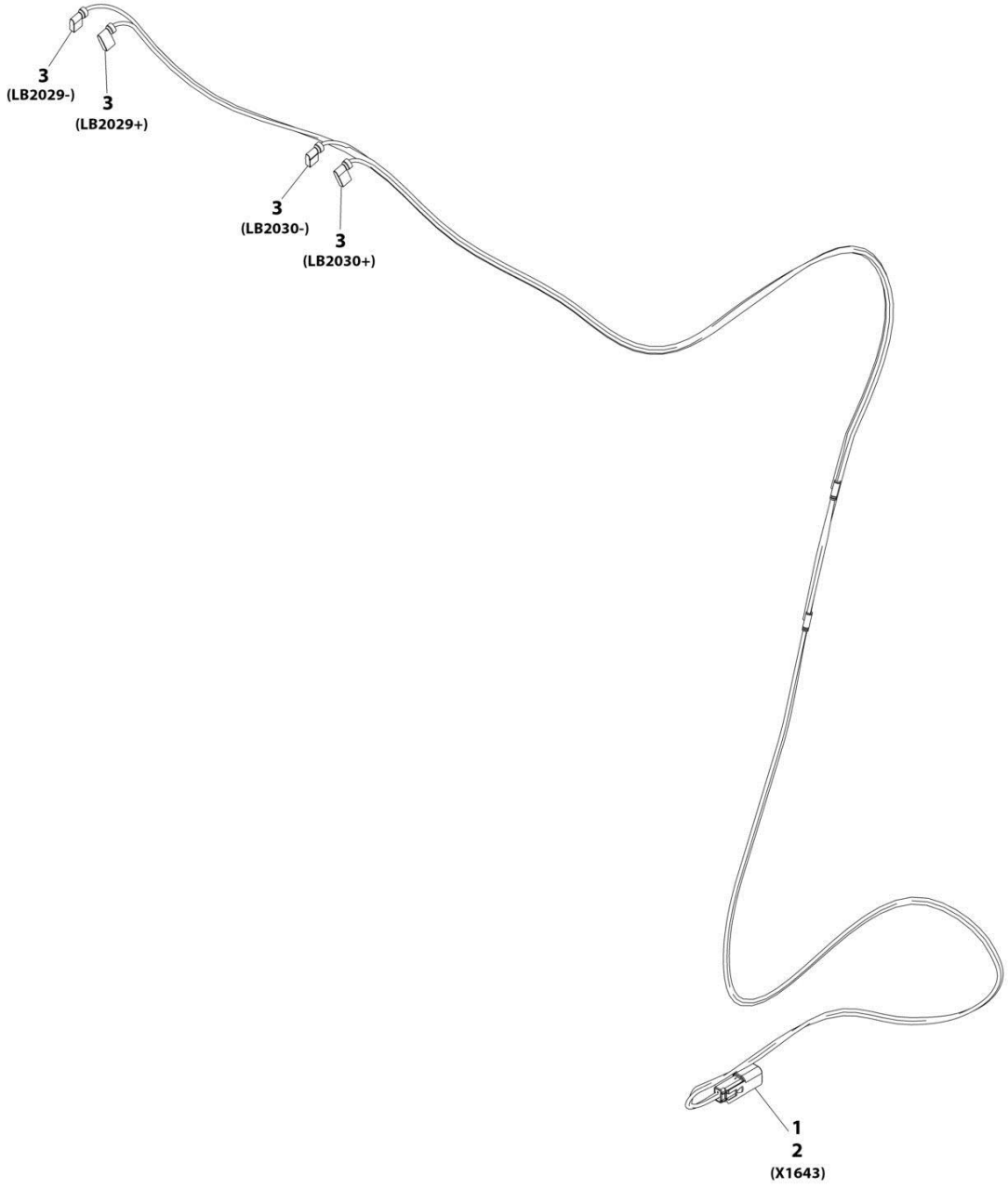


FIGURE 10-82. LICENSE LIGHT HARNESS

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 10-83. LINK TRAILER HARNESS

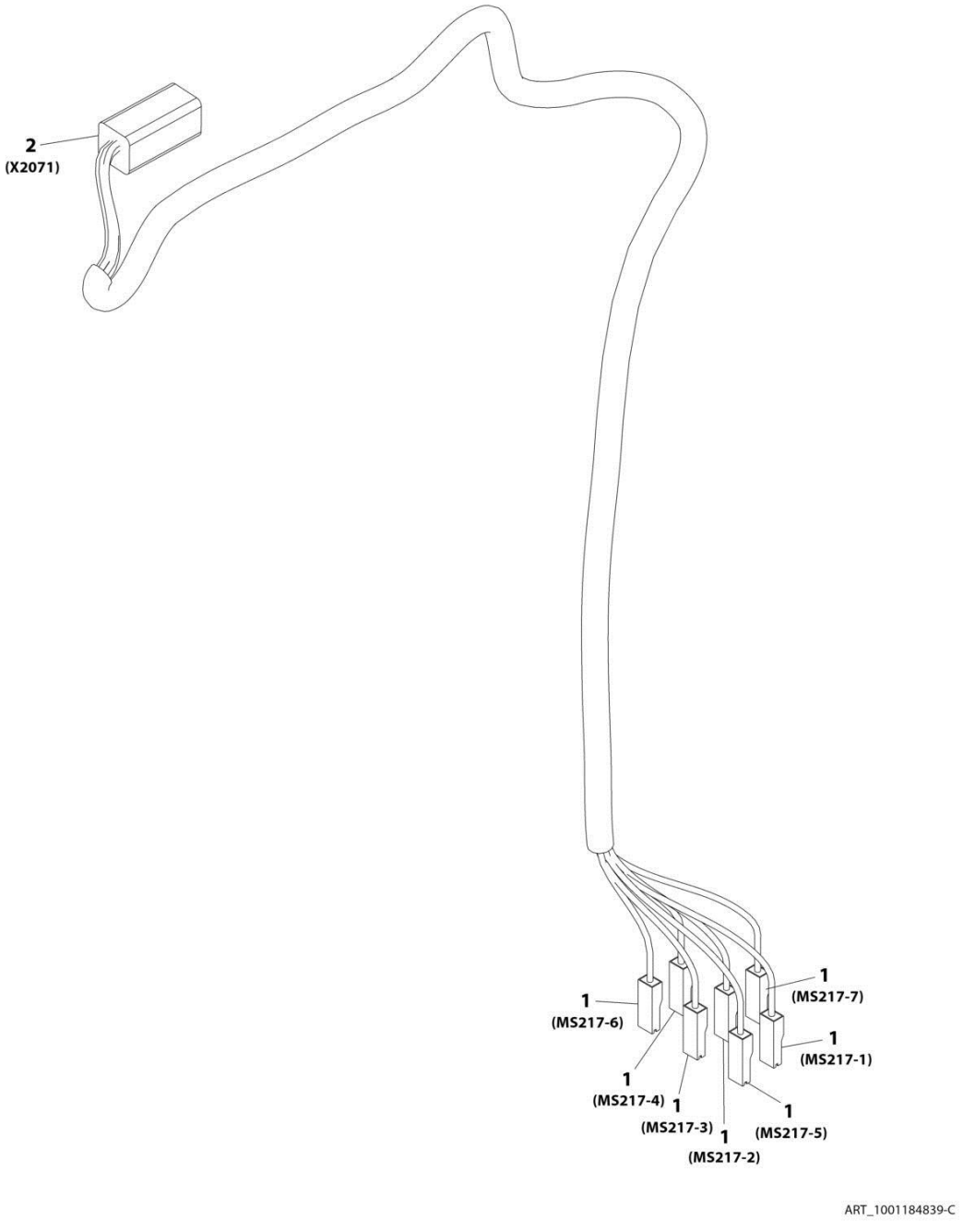


FIGURE 10-83. LINK TRAILER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184839	Ref	Link Trailer Harness	C
1	1001116995	7	Connector	
2	4460899	1	Connector	
2	4460941	6	Terminal	

FIGURE 10-84. SEAT ADAPTOR HARNESS

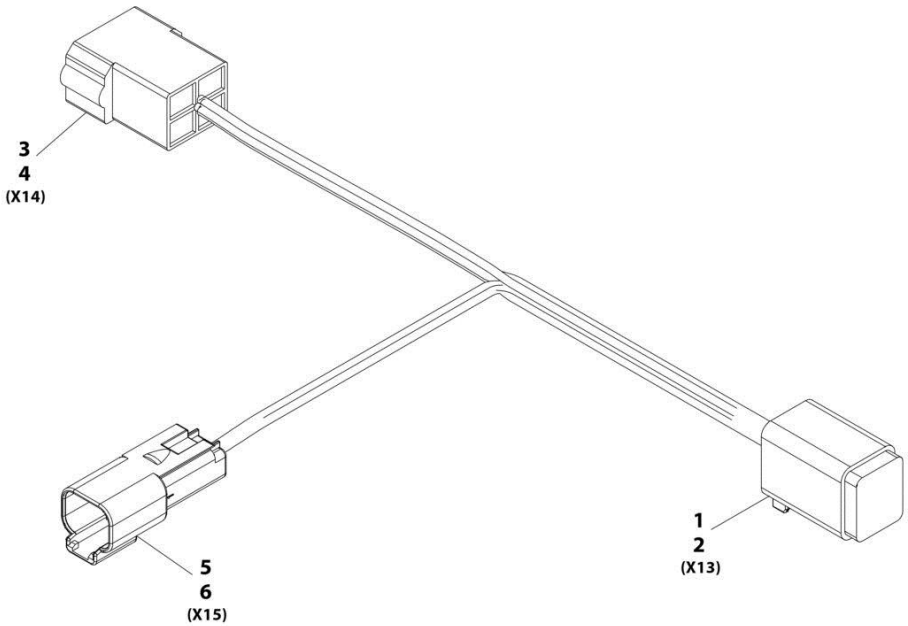


FIGURE 10-84. SEAT ADAPTOR HARNESS

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 10-85. BOOM WORKLIGHTS HARNESS

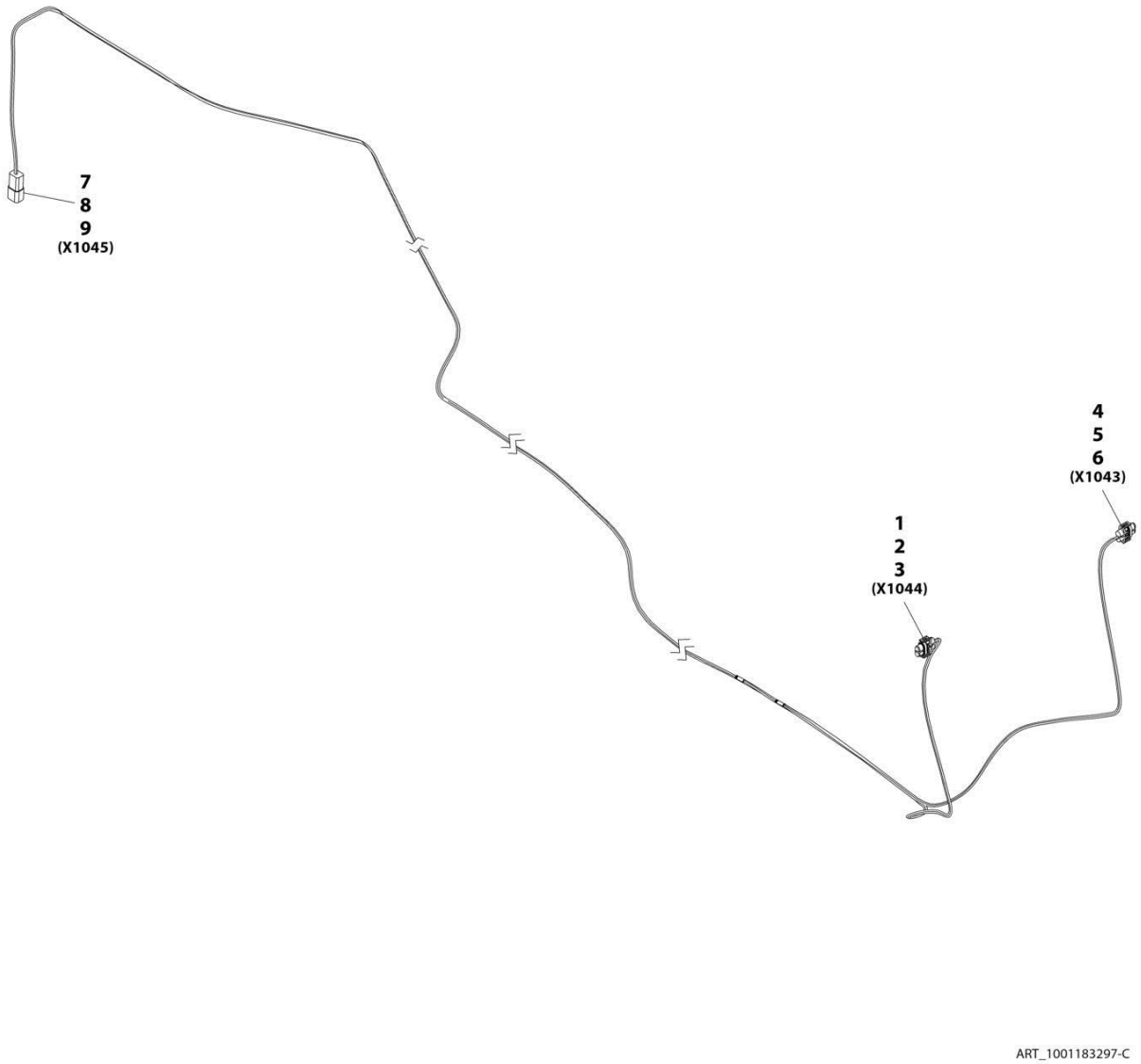
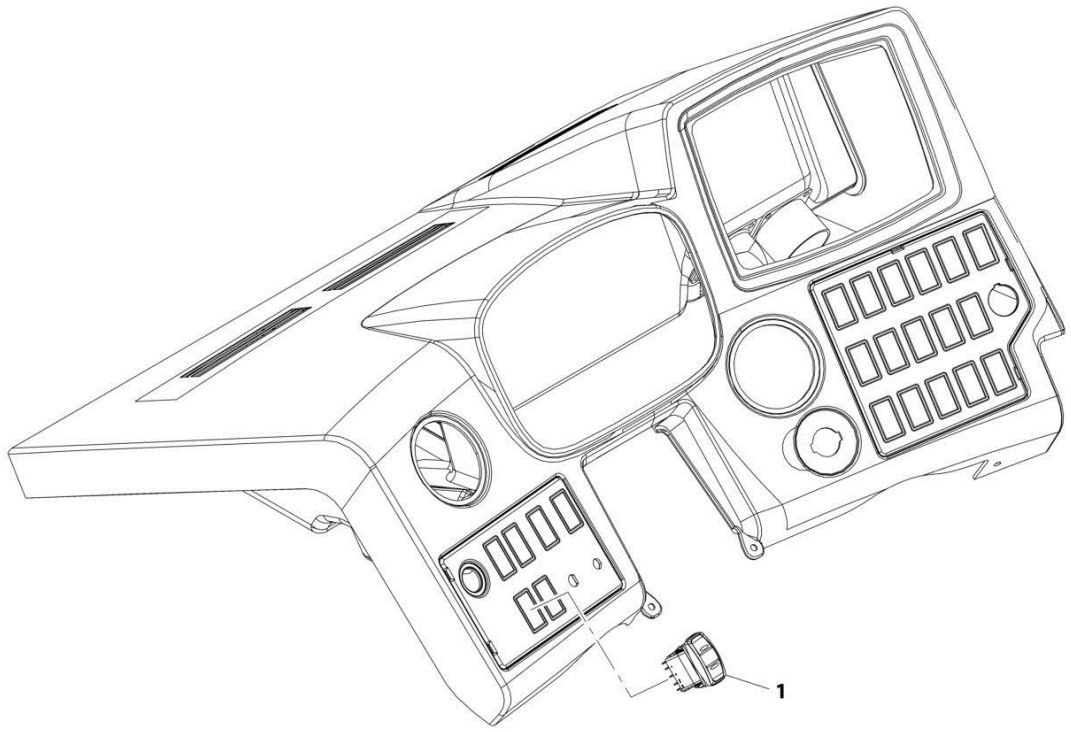


FIGURE 10-85. BOOM WORKLIGHTS HARNESS

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 10-86. LSI SWITCH INSTALLATION



ART_1001233407-A

FIGURE 10-86. LSI SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233407	Ref	LSI Switch Installation	A
1	1001198830	1	Switch, LSI Override	

FIGURE 10-87. NO ROAD LIGHTS INSTALLATION

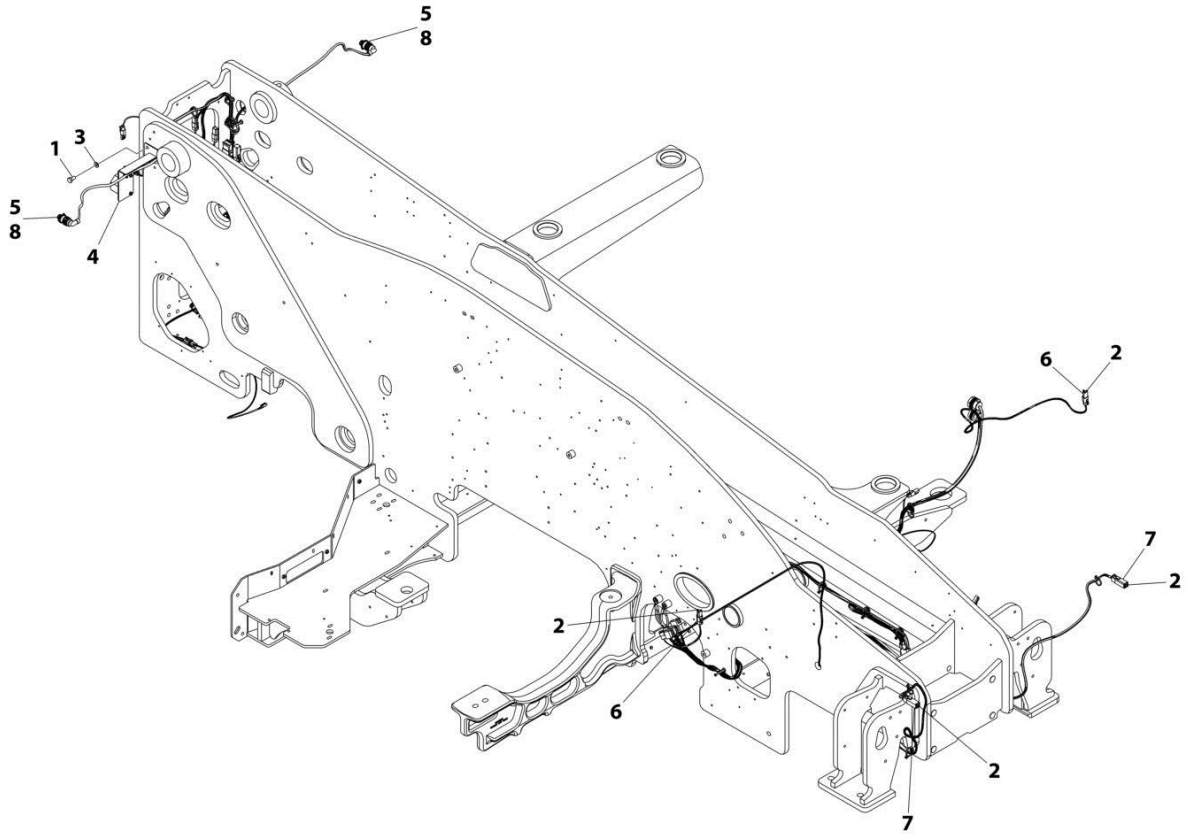


FIGURE 10-87. NO ROAD LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225382	Ref	No Road Lights Installation	A
1	0761010	2	Bolt, M10X20	
2	4460466	18	Plug	
3	4812000	2	Washer, M10	
4	1001225386	1	Mount, Reverse Alarm	
5	1001225658	2	Connector	
6	4460536	2	Connector	
7	4460899	2	Connector	
8	4461008	14	Plug	

FIGURE 10-88. LSI SENSOR COVER INSTALLATION

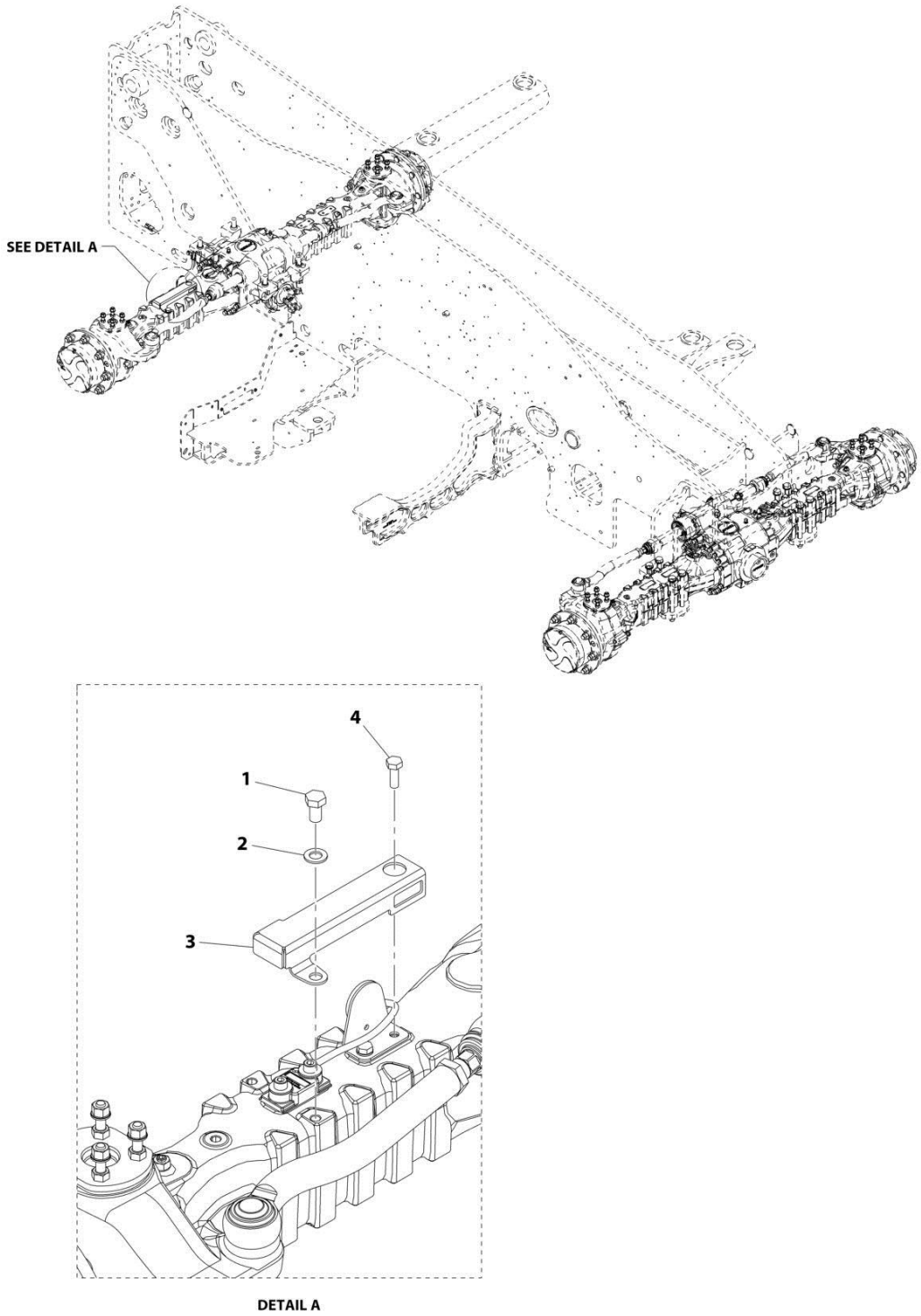


FIGURE 10-88. LSI SENSOR COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225419	Ref	LSI Sensor Cover Installation	C
1	0761412	1	Bolt, M14X25	
2	4812200	1	Washer, M14	
3	1001225418	1	Shield, LSI Sensor	
4	0761014	1	Bolt, M10X30	

SECTION 11 - DECALS

FIGURE 11-1. CAPACITY CHART HOLDER INSTALLATION

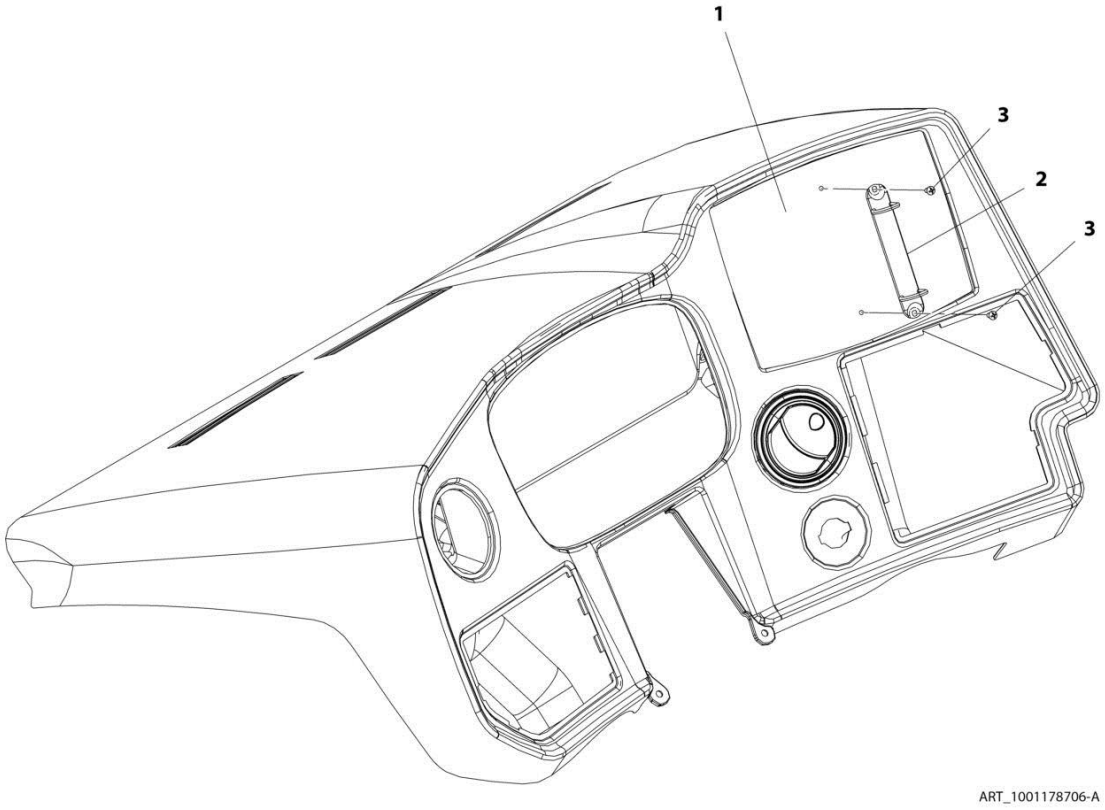
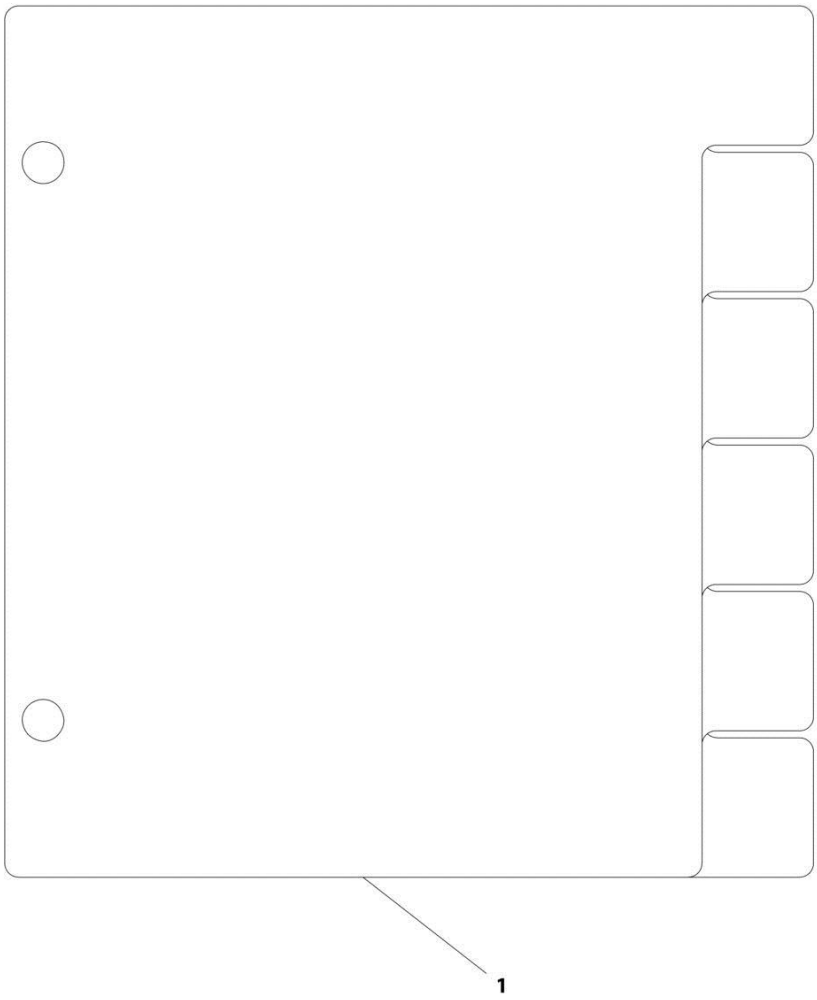


FIGURE 11-1. CAPACITY CHART HOLDER INSTALLATION

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 (METRIC)

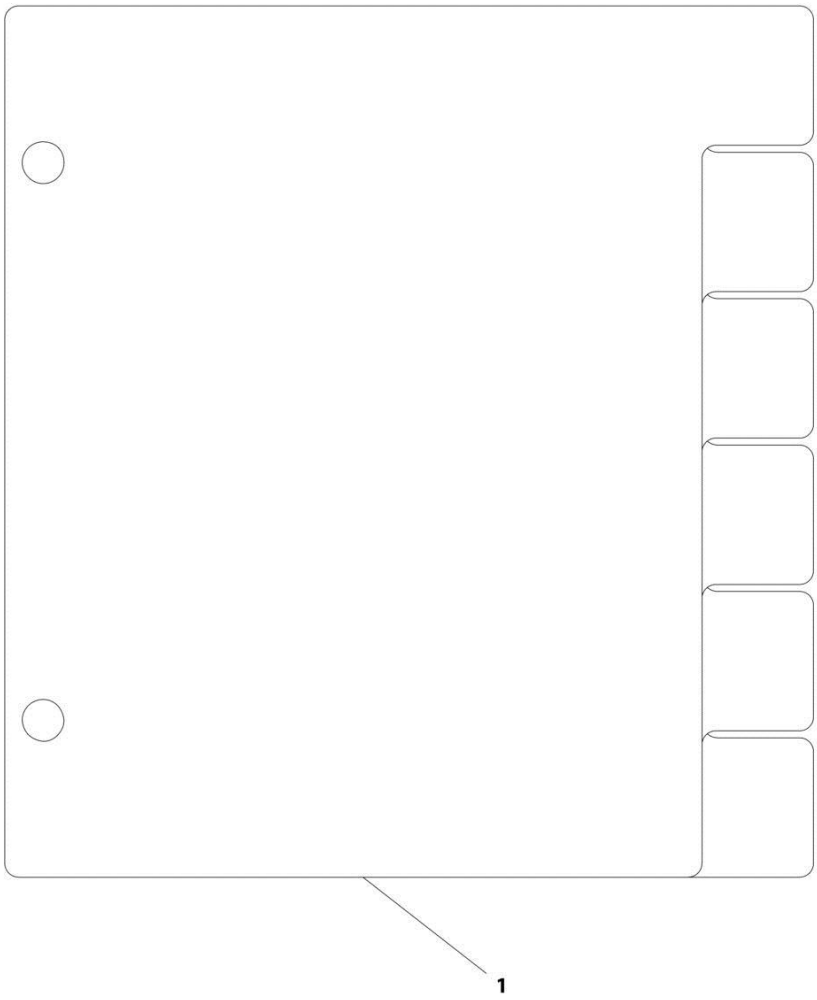


ART_1001183637-A

FIGURE 11-2. CAPACITY CHART (METRIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001183637	1	Capacity Chart (METRIC)	A

FIGURE 11-3. CAPACITY CHART (AUS)



ART_1001183639-A

FIGURE 11-3. CAPACITY CHART (AUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001183639	1	Capacity Chart (AUS)	A

FIGURE 11-4. DECALS INSTALLATION (CE)

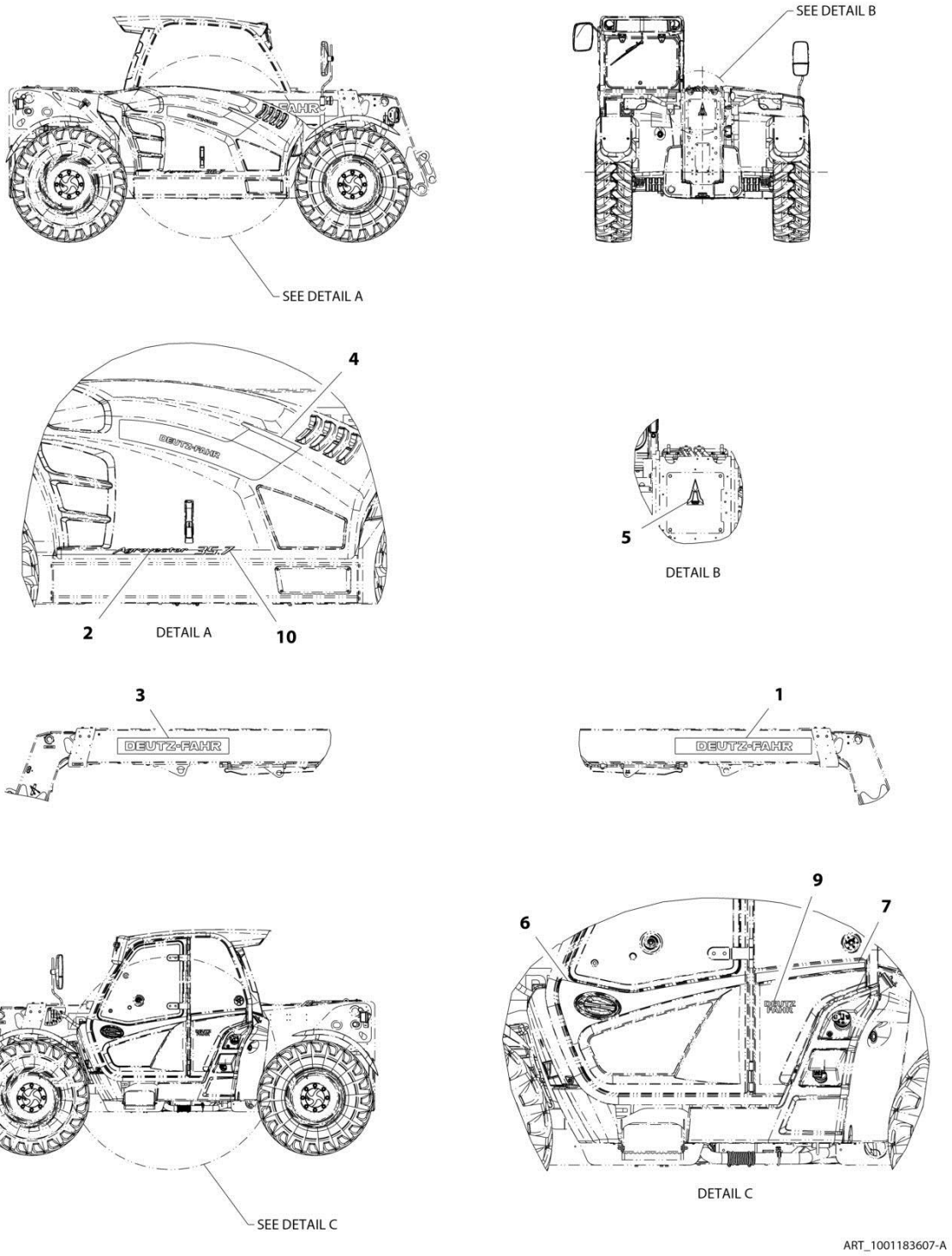
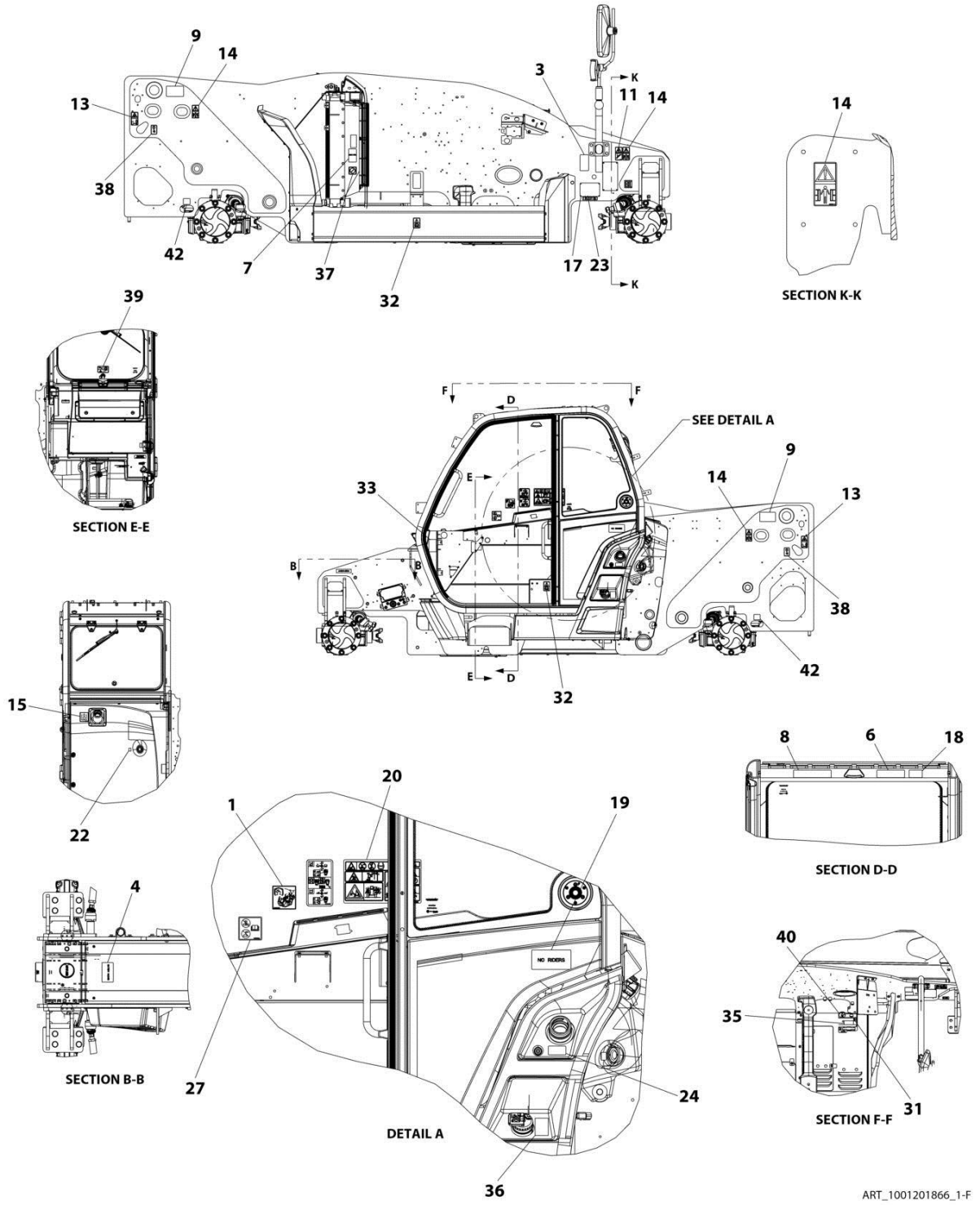
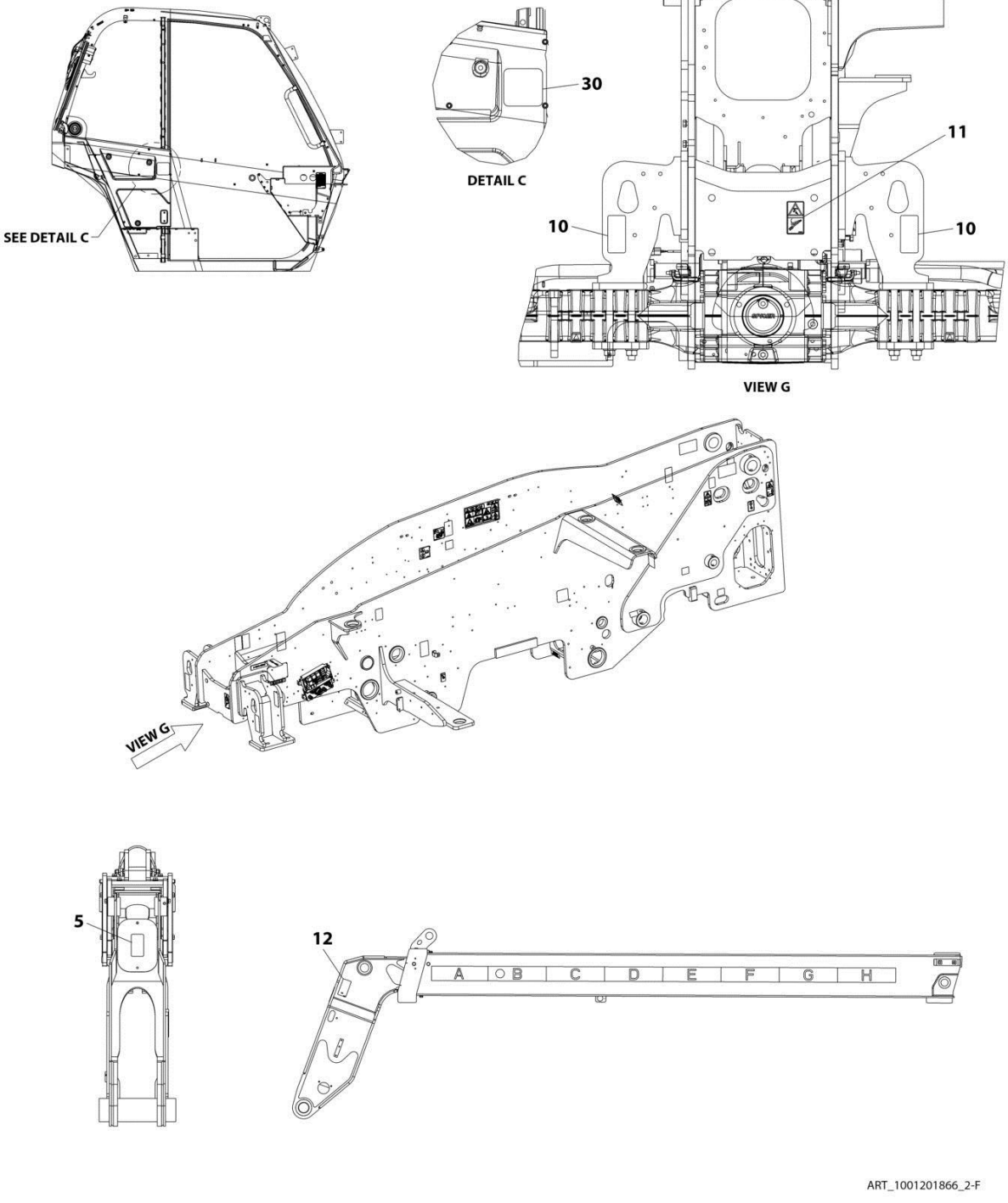


FIGURE 11-4. DECALS INSTALLATION (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183607	Ref	Decals Installation	A
1	1001152399	1	Decal, SDF Deutz-Fahr Boom	
2	1001152401	1	Decal, SDF Logo	
3	1001153297	1 in	Decal, Deutz-Fahr Boom LH	
4	1001205672	1	Decal, B-Class Hood SDF	
5	1001205787	1	Decal, Deutz-Fahr Small	
6	1001205795	1	Decal, Cab Door SDF	
7	1001205797	1	Decal, Cab Panel Top SDF	
9	1001197104	1	Decal, Deutz-Fahr Logo Cab	
10	1001206809	1	Decal, SDF 35.7	

FIGURE 11-5. DECALS INSTALLATION (CE & JAPAN)



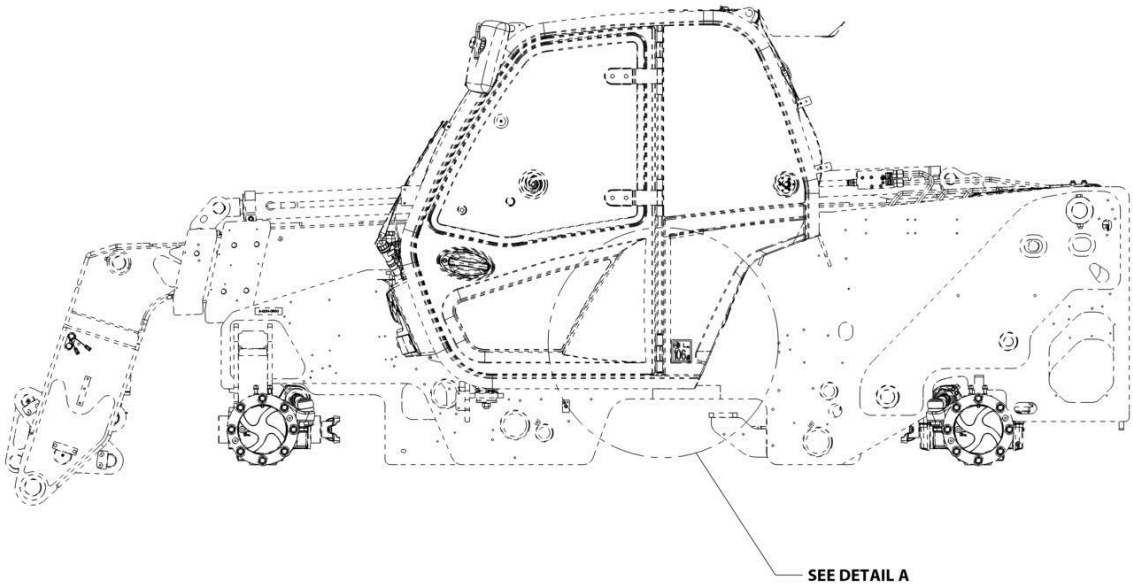

SEE DETAIL C
30
DETAIL C
11
10
10
VIEW G
VIEW G
5
12
A
B
C
D
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F
G
H
ART_1001201866_2-F

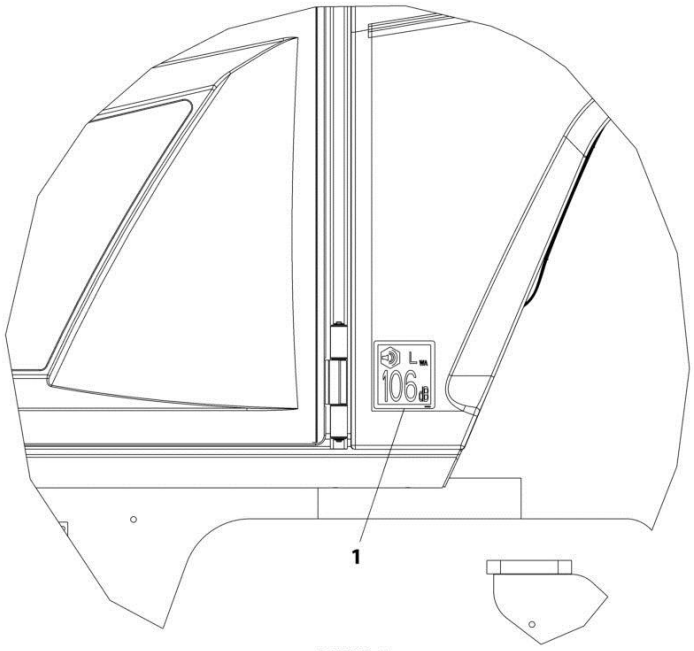
SECTION 11 - DECALS

FIGURE 11-5. DECALS INSTALLATION (CE & JAPAN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201866	Ref	Decals Installation (ULS)	F
1	1001227287	1	Decal, Manual Location	
3	1706098	1	Decal, Warning Ether Start	
4	1706281	1	Decal, Battery Warning	
5	1001223875	1	Decal, No Standing On Forks	
6	1706284	1	Decal, Electrocution Hazard	
7	1706285	1	Decal, Moving Parts (ISO)	
8	1706288	1	Decal, Tip Over Warning	
9	1706292	2	Decal, Pinch Point Boom Holes	
10	1001100957	2	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	1001094708	1	Decal, Hydraulic Oil	
17	1001009178	4	Tack, Metal	
18	1001092877	1	Decal, Crush Hazard Warning	
19	1001092878	1	Decal, No Riders	
20	1001101895	1	Decal, Cab Warning	
22	1001130323	1	Decal, Oil Level	
23	1001139647	1	Decal, Nameplate Serial Number	
24	1001139654	1	Decal, Ultra Low Sulphur Fuel	
27	1001172035	1	Decal, No Weld Or Drill	
30	1001214206	1	Decal, Park Brake	
31	1001184632	1	Decal, Battery Positive	
32	1001189154	2	Decal, Read Operators Manual Instruction	
33	1001191229	1	Decal, Fuse Panel	
35	1001195855	1	Decal, Battery Disconnect	
36	1001196806	1	Decal, Diesel Exhaust Fluid	
37	AU2105	1	Decal, No Karcher	
38	8005616	2	Decal, Lifting Point	
39	8005870	1	Decal, Emergency Exit	
40	1001008540	1	Plate, Battery	
42	4109801	2	Decal, Tie Down Point	

FIGURE 11-6. DECAL SOUND PLATE INSTALLATION (106DB)





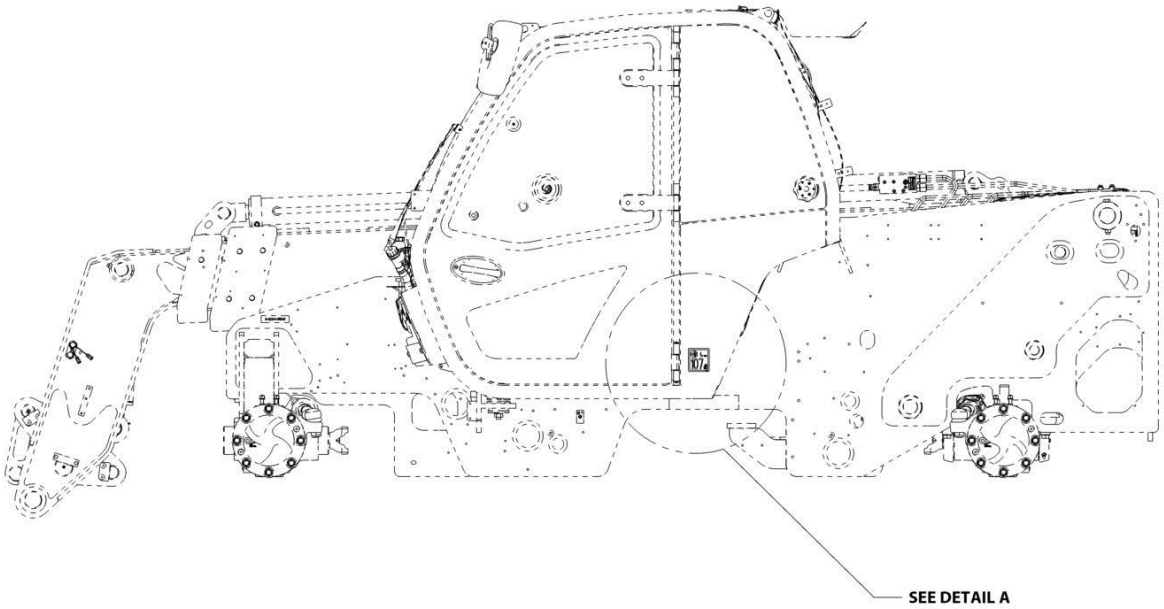
DETAIL A

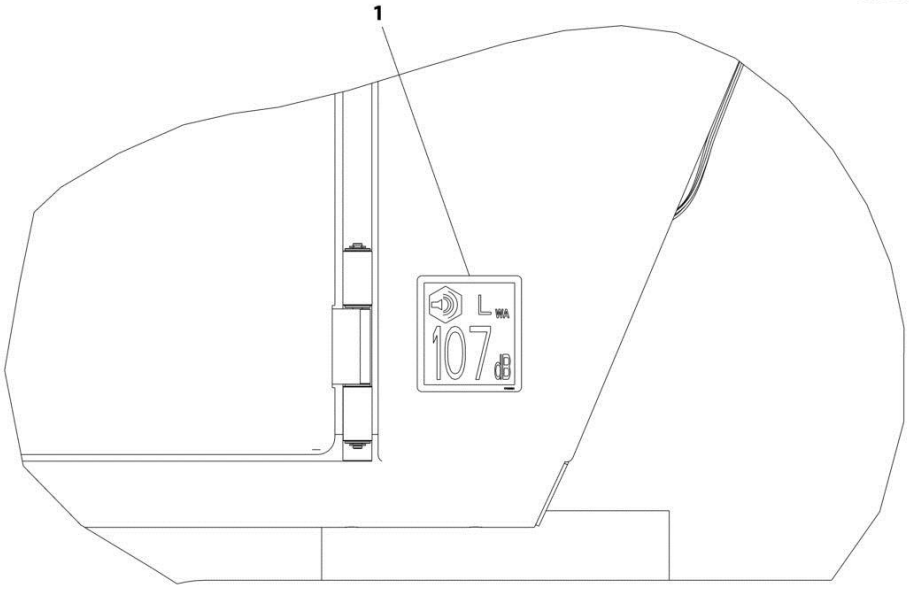
ART_1001220865-A

FIGURE 11-6. DECAL SOUND PLATE INSTALLATION (106DB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220865	Ref	Decal Sound Plate Installation (106db)	A
1	1705980	1	Decal, Acoustic Power (106db)	

FIGURE 11-7. DECAL SOUND PLATE INSTALLATION (107DB)





DETAIL A

ART_1001220541-A

FIGURE 11-7. DECAL SOUND PLATE INSTALLATION (107DB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220541	Ref	Decal Sound Plate Installation (107db)	A
1	1001102782	1	Decal, Plate-Exterior Sound (107db)	

FIGURE 11-8. HOMOLOGATION PLATE INSTALLATION

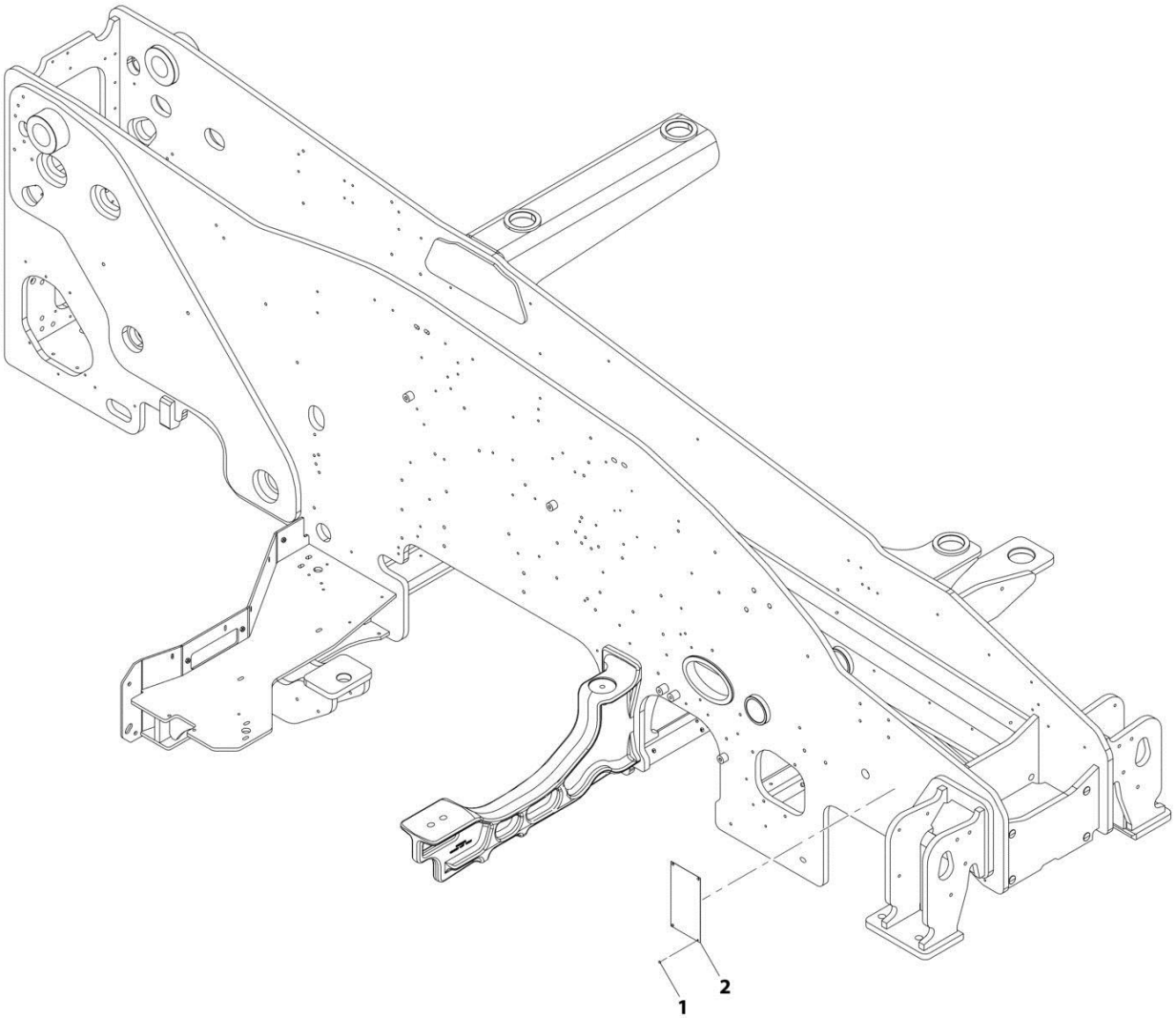


FIGURE 11-8. HOMOLOGATION PLATE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225657	Ref	Homologation Plate Installation	B
1	1001009178	4	Tack, Metal	
2	1001232659	1	Plate, Homologation	

FIGURE 11-9. REFLECTOR INSTALLATION

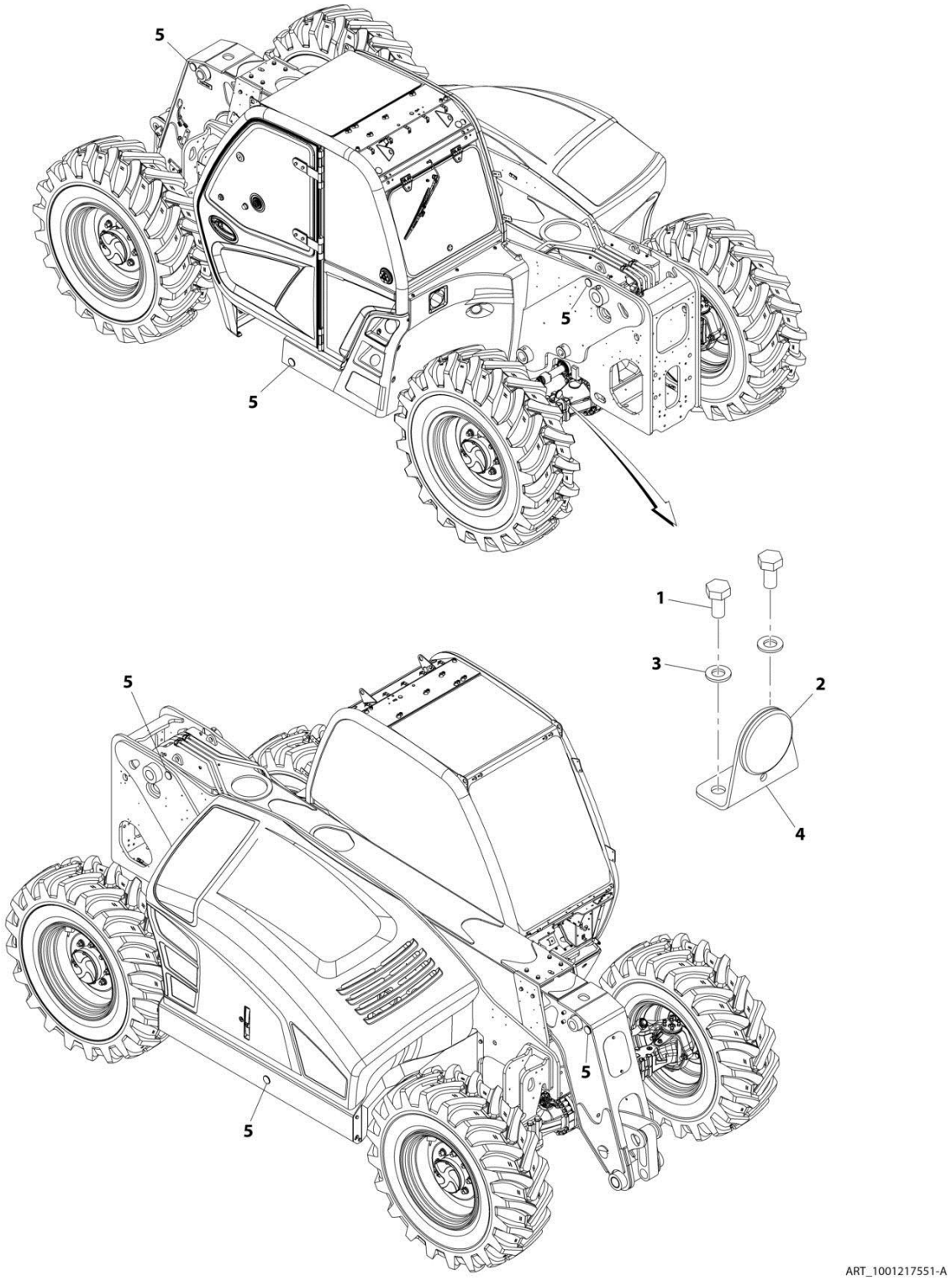


FIGURE 11-9. REFLECTOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217551	Ref	Reflector Installation	A
1	0761010	4	Bolt, M10X20	
2	3700015	2	Reflector, Rear	
3	4812000	4	Washer, M10	
4	1001202224	2	Bracket	
5	3700016	6	Reflector, Rear	

SECTION 12 - RECOMMENDED SPARE PARTS

SECTION 12 - RECOMMENDED SPARE PARTS

FIGURE 12-1. RECOMMENDED SPARE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Frame and Attaching Parts**	
	1001142658	1	Cap, Fuel	
	1001142659	1	Cap, Hydraulic	
	1001162659	1	Filter, Hydraulic	
		Ref	**Boom**	
	1001200172	1	Shim	
	1001200171	1	Shim	
	1001200170	1	Shim	
	1001169048	1	Shim, 1MM	
	1001169049	1	Shim, 0.5MM	
	1001155958	AR	Shim, 3MM	
	1001155959	AR	Shim, 2MM	
	1001155960	AR	Shim, 1MM	
	1001147731	AR	Shim, 1MM	
	1001177073	AR	Shim, 1.5MM	
	1001147657	6	Pad, M15X45X181	
	1001175853	2	Pad, M38X45X181	
	1001177054	2	Pad, M67.5X250X15	
	1001175762	1	Pad, M38X67.5X181	
		Ref	**Engine and Attaching Parts**	
	7016331	1	Filter, Oil	
	70027657	1	Dipstick	
	70025535	1	Starter	
	70027403	1	V-Belt (ULS)	
	70025478	1	V-Belt (LS)	
	1001211540	1	Filter, Fuel (ULS)	
	1001211539	1	Prefilter, Fuel (ULS)	
	70004512	1	Filter, Fuel	
	70027417	1	Filter, Fuel	
	70025852	1	Filter, Air Cylindrical Primary (74.4KW)	
	70025853	1	Filter, Air Cylindrical Secondary (74.4KW)	
	70025850	1	Filter, Cylindrical Air Primary (90/100KW)	
	70025851	1	Filter, Cylindrical Air Secondary (90/100KW)	
		Ref	**Drive Train**	
	70025453	1	Filter, Transmission	
		Ref	**Cab**	
	1001172546	1	Filter, HVAC Air	
	1001172553	1	Filter, HVAC Recirculation Air	
	4807718	1	Blade, Rear Wiper	
	1001141313	1	Blade, Roof Wiper	
	1001141281	1	Blade, Front Wiper	
		Ref	**Hydraulic Components**	
	70026848	1	Kit, Seal, Lift Cylinder	
	70027747	1	Kit, Seal, Tilt Cylinder	
	70027731	1	Kit, Seal, Compensation Cylinder	
	70024168	1	Kit, Seal, Coupler Locking Cylinder	
		Ref	**Electrical**	
	0400075	1	Battery, 12V (Standard)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167212	2	Battery, 12V (Dual)	
	1001218329	1	Key	

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