Illustrated Parts Manual

Model
G5-18A

PVC
2305

P/N
31221596

October 9, 2023 - Rev B

An Oshkosh Corporation Company

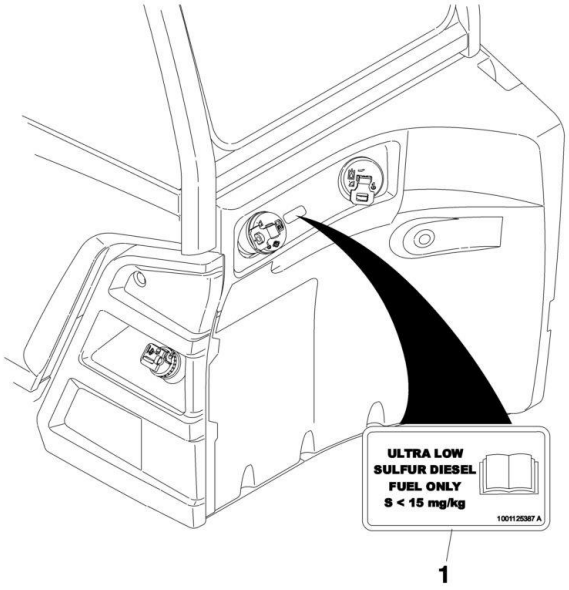
EFFECTIVITY PAGE

May 1, 2023 - A - Original Issue of Manual (Edited to 1001234000 Revision X)
October 9, 2023 - B - Revised Manual (Edited to 1001234000 Revision Z)

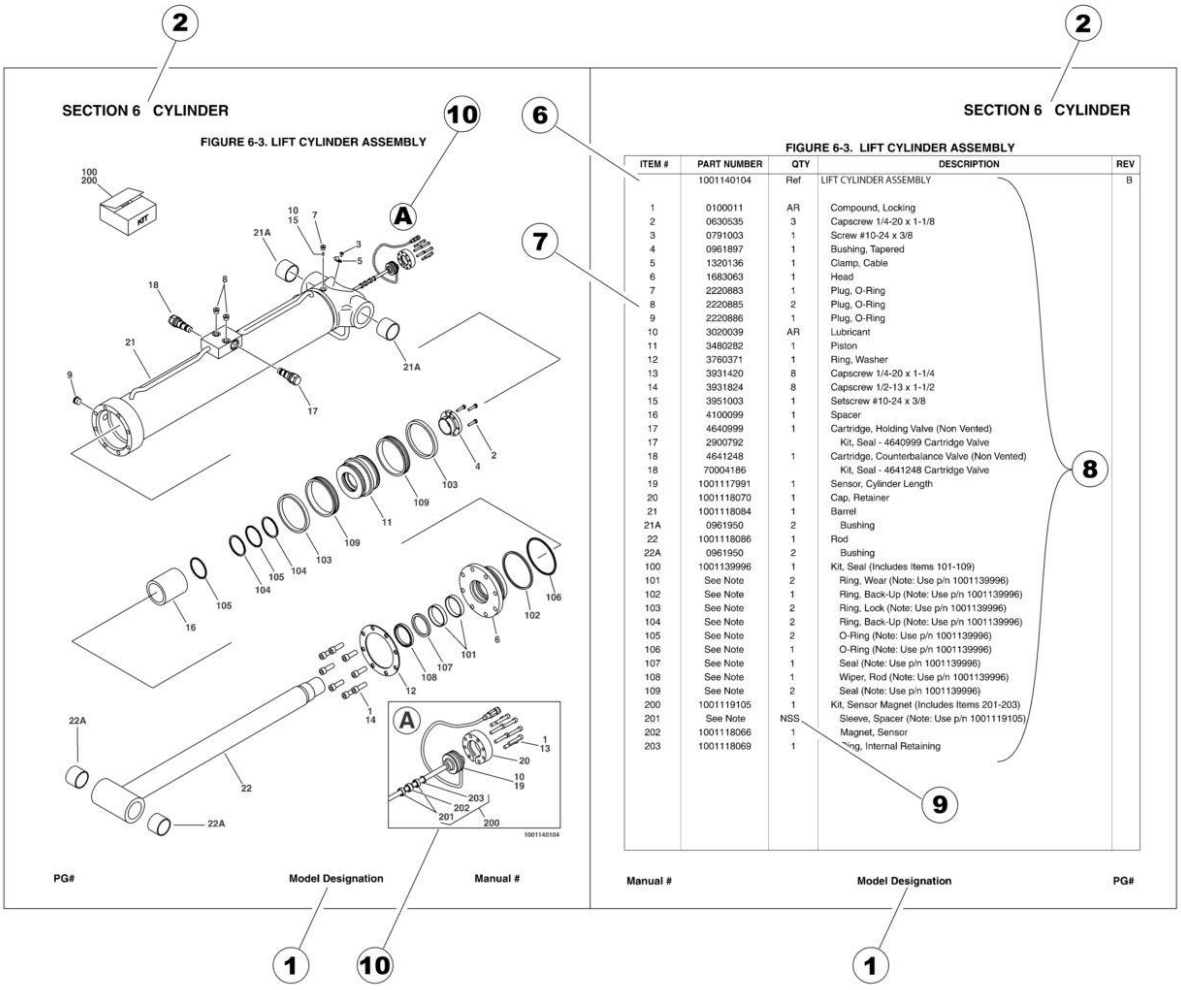
Machine Configuration

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

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



GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

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

5) PART NUMBER INDEX (NOT SHOWN)

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

GENERAL INFORMATION

6) NON-SERVICED PARTS

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

7) PARTS LIST ITEM NUMBERS

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

8) INDENTED PARTS DESCRIPTION

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

9) ABBREVIATION AND SYMBOLS

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

10) ILLUSTRATION REFERANCE LETTERS

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

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

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SECTION 1 - FRAME AND ATTACHING PARTS

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-1. HOODS INSTALLATION

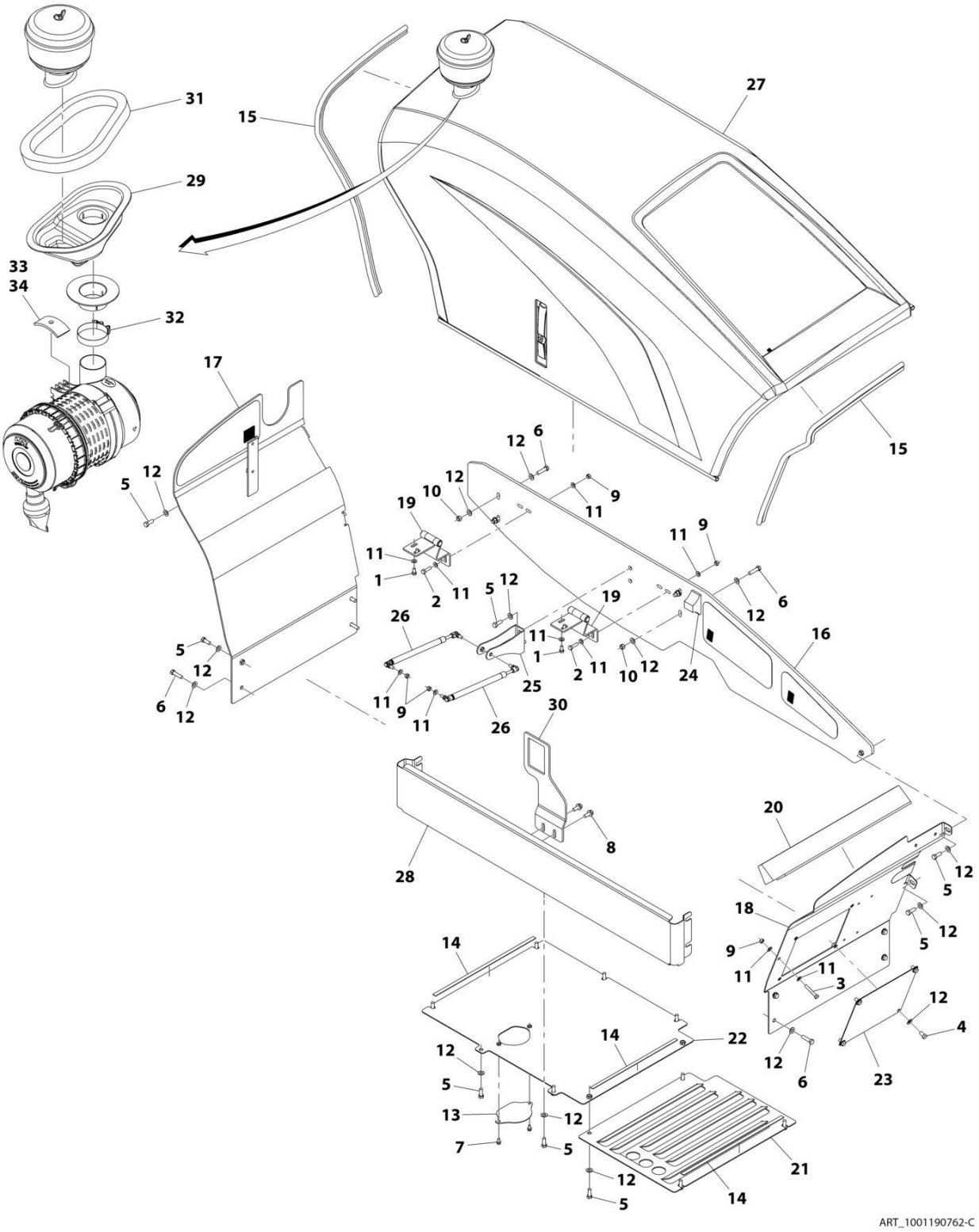


FIGURE 1-1. HOODS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190762	Ref	HOODS INSTALLATION	C
1	0641505	4	Bolt 5/16 x 5/8	
2	0641509	4	Bolt 5/16 x 1-1/8	
3	0641516	1	Bolt 5/16 x 2	
4	0641605	4	Bolt 3/8 x 5/8	
5	0641608	21	Bolt 3/8 x 1	
6	0641612	8	Bolt 3/8 x 1-1/2	
7	0791404	2	Screw 1/4 x 1/2	
8	0791607	2	Screw 3/8 x 7/8	
9	3271501	7	Nut 5/16	
10	3271601	4	Nut 3/8	
11	4711500	16	Washer 5/16	
12	4711600	37	Washer 3/8	
13	1001081299K	1	Fuel Filter Access Panel	
14	1001090344	1320 mm	Neoprene Tape, 1/16X1/2	
15	1001097160	1980 mm	Self-Gripping Bulb Seal	
16	1001142265	1	Hood Hinge Mount Weldment Plate	
17	1001197401	1	Rear Fender Weldment Panel	
18	1001142267	1	Front Fender Weldment Panel	
19	1001143142	2	Hood Hinge	
20	1001144369	1	Foam Gasket Seal	
21	1001149810	1	Belly Pan Plate	
22	1001149811	1	Belly Pan Weldment Plate	
23	1001156315	1	Cover Plate	
24	1001158318	1	Foam Gasket Seal	
25	1001158428	1	Gas Spring Weldment Mount	
26	1001160078	2	Gas Spring	
27	1001190743	1	Hood Assembly (See Separate Breakdown in this Section)	
28	1001190788	1	Side Skirt Panel	
29	1001191640	1	Air Intake Channel	
30	1001191820	1	Latch Catch Bracket	
31	1001192255	1	Air Intake Seal	
32	90028488	1	T-Bolt Clamp	
33	0100081	AR	Adhesive	
34	3340943	1	Pad, Rubber	

FIGURE 1-2. HOOD ASSEMBLY

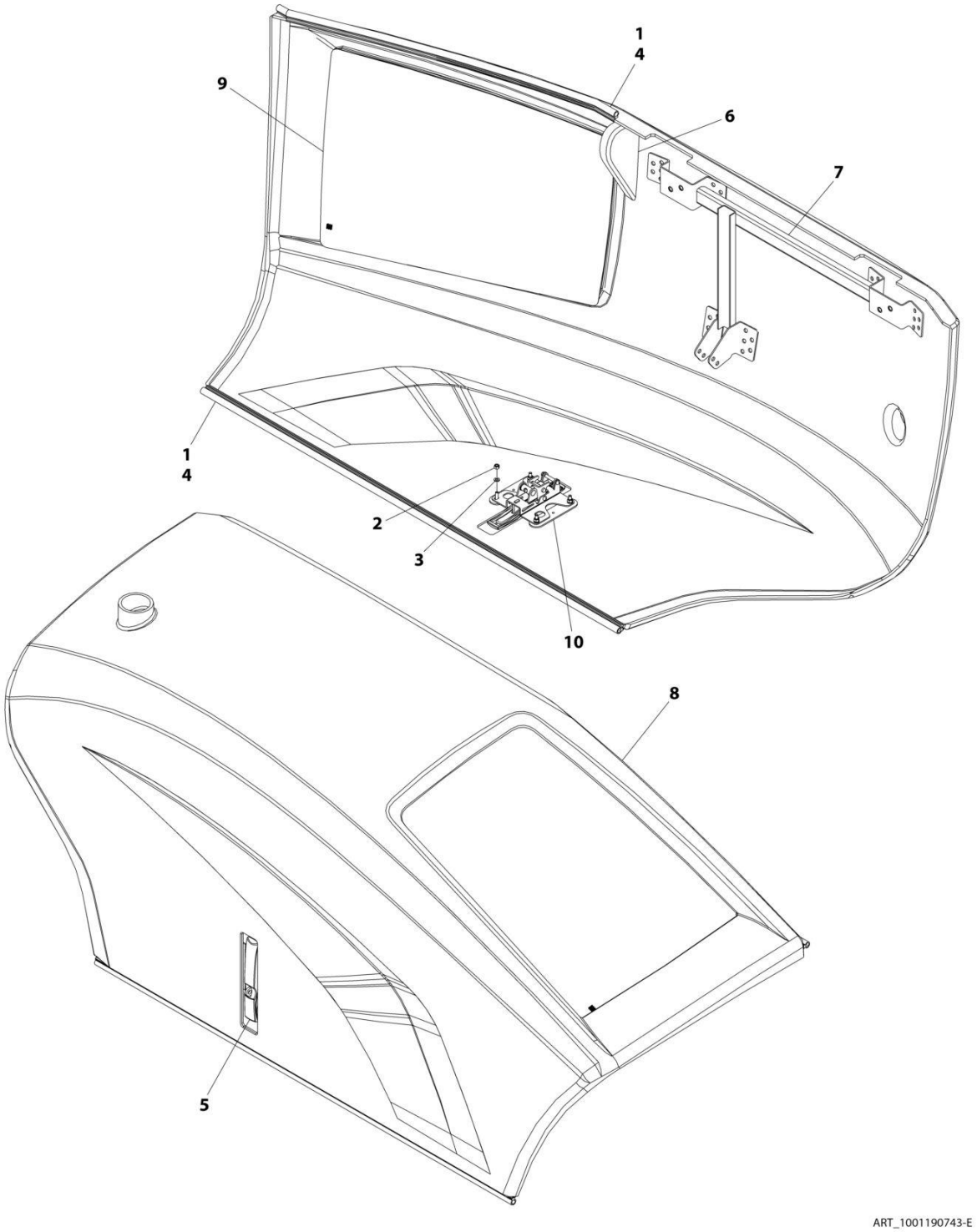
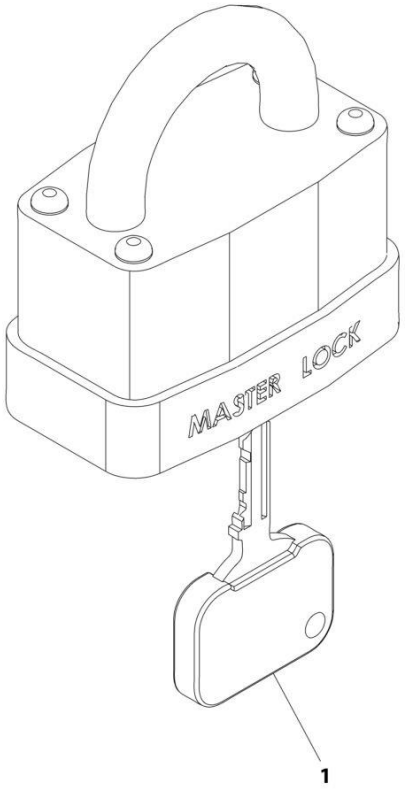


FIGURE 1-2. HOOD ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190743	Ref	Hood Assembly	E
1	0100090	AR	Adhesive	
2	3290605	4	Hex Locknut, M6X1	
3	4811700	4	Washer, M6	
4	1001097159	2110 mm	Self-Gripping Bulb Seal	
5	1001132168	1	Compression Latch	
6	1001193423	1	Air Dam Seal	
7	1001190728	1	Hinge And Gas Spring Mount	
8	1001190754	1	Hood	
9	1001191643	1	Cooler Vent	
10	1001192022	2	Support, Latch	

FIGURE 1-3. PAD LOCK



ART_1001102157-A

FIGURE 1-3. PAD LOCK

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

FIGURE 1-4. TANK INSTALLATION

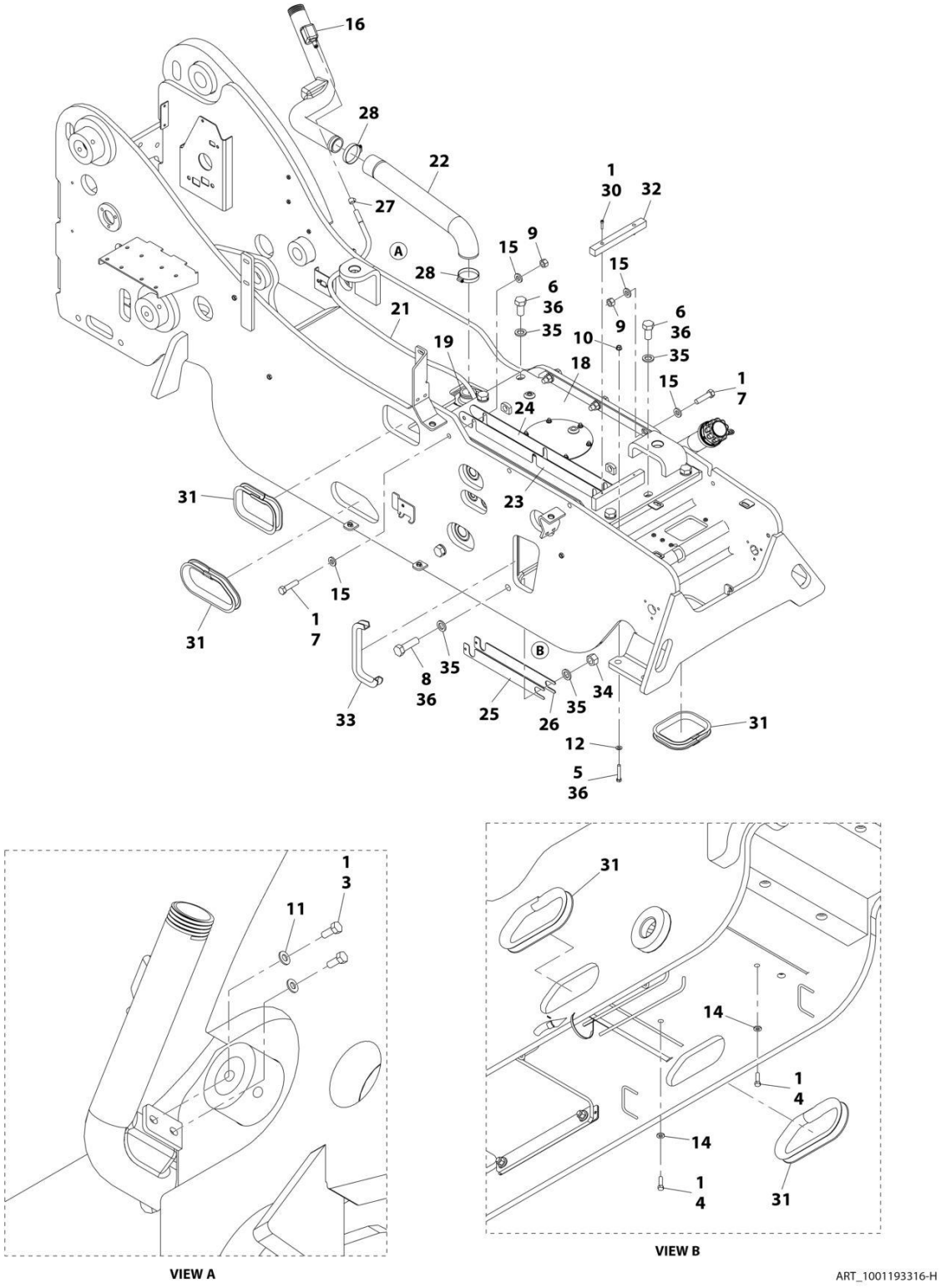


FIGURE 1-4. TANK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193316	Ref	TANK INSTALLATION	H
1	0100011	AR	Compound, Locking	
3	0641506	2	Bolt 5/16 x 3/4	
4	0641610	3	Bolt 3/8 x 1-1/4	
5	0630399	1	Tap Bolt	
6	0682414	6	Bolt 7/8 x 1-3/4	
7	0692020	6	Bolt 3/8 x 2-1/2	
8	0682424	4	Bolt 7/8 x 3	
9	3282001	6	Nut 5/8	
10	3311608	1	Nut 3/8	
11	4711500	2	Washer 5/16	
12	4711600	1	Washer 3/8	
14	4891600	3	Washer 3/8	
15	4892000	12	Washer 5/8	
16	1001080573	1	Fuel Nozzle Tube	
18	1001193351	1	Oil Tank (See Separate Breakdown in this Section)	
19	1001194100	1	Fuel Tank (See Separate Breakdown in this Section)	
21	1001148483	1	Fuel Tank Vent	
22	1001198730	1	Fuel Fill Pipe	
23	1001200682	AR	Shim, 1.5mm	
24	1001200683	AR	Shim, 3mm	
25	1001200684	AR	Shim, 1.5mm	
26	1001200685	AR	Shim, 3mm	
27	8405006	2	Gear Clamp	
28	86883327	2	Clamp, Hose	
30	3931416	2	Screw 1/4 x 1	
31	1001142680	2100 mm	Conduit	
32	1001200925	1	Pad	
33	1001081364	2	Grommet	
34	3272401	4	Nut 7/8	
35	4892400	14	Washer 7/8	
36	0100019	AR	Adhesive	

FIGURE 1-5. OIL TANK

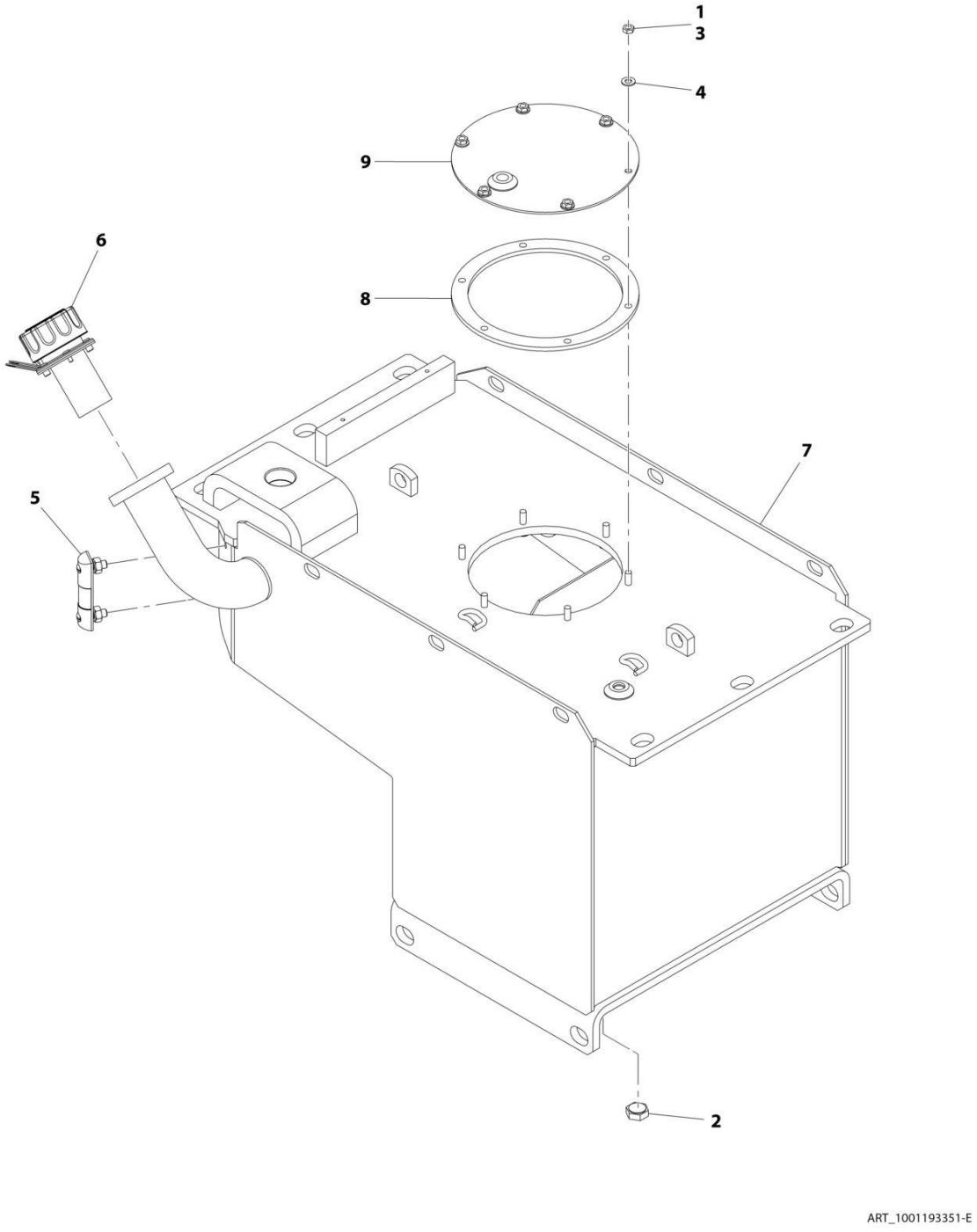


FIGURE 1-5. OIL TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193351	Ref	Oil Tank	E
1	0100011	AR	Compound, Locking	
2	2220239	1	Adapter, Plug	
3	3311502	6	Nut 5/8	
4	4711500	6	Washer 5/16	
5	91563136	1	Oil Level Indicator	
6	1001187150	1	Lockable Hydraulic Filler Cap	
7	1001193470	1	Oil Tank Weldment	
8	1001193473	1	Gasket	
9	1001195884	1	Tank Access Cover	

FIGURE 1-6. FUEL TANK ASSEMBLY

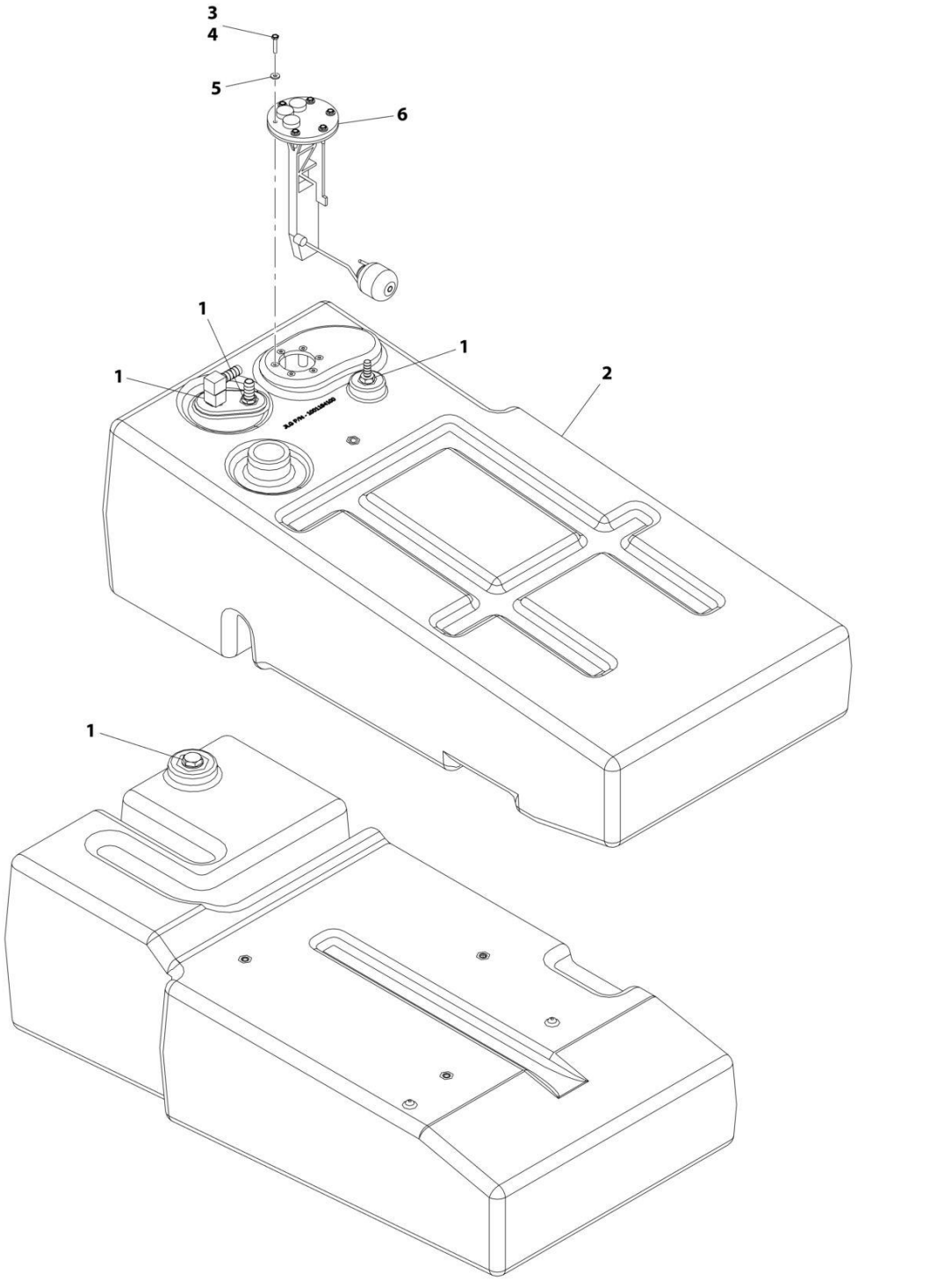


FIGURE 1-6. FUEL TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194100	Ref	Fuel Tank Assembly	E
1	0100020	AR	Compound, Locking	
2	1001194099	1	Fuel Tank	
3	0100035	AR	Compound, Locking	
4	0720606	6	Hex HD Bolt	
5	4750600	6	Washer M6	
6	1001197965	1	Fuel Level Sensor	

FIGURE 1-7. FUEL CAP INSTALLATION

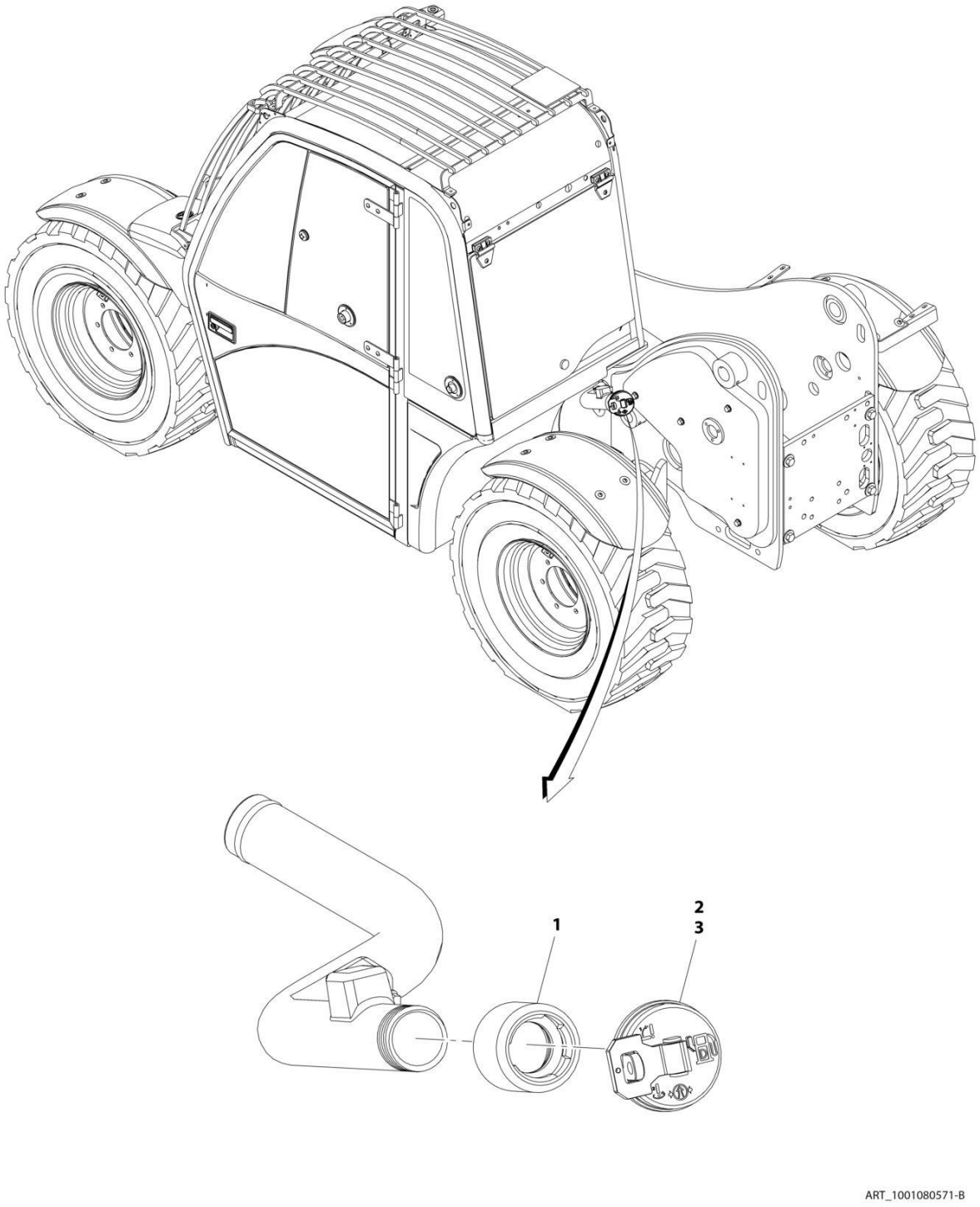


FIGURE 1-7. FUEL CAP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080571	Ref	FUEL CAP INSTALLATION	B
1	1001001422	1	Filler Neck Tank Adapter	
2	1001080707	1	Diesel Fuel Locking Cap	
3	0100093	AR	Compound, Locking	

FIGURE 1-8. MIRROR INSTALLATION

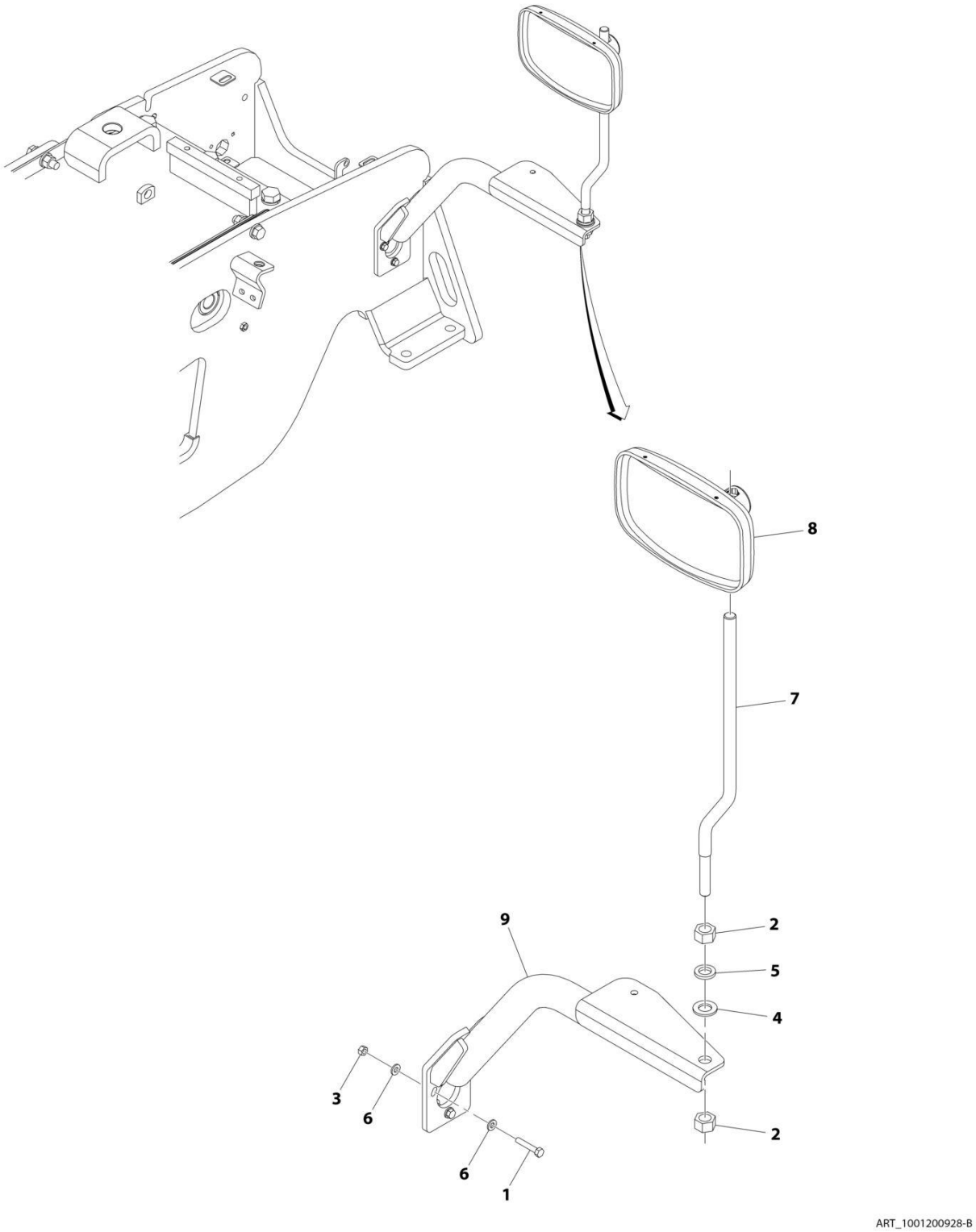


FIGURE 1-8. MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200928	Ref	Mirrior Installaton	B
1	0641514	3	Hex HD Capscrew, 5/16-18X1-3/4, GR5	
2	3272201	2	Hex Nut, 3/4-10, GR8	
3	3311505	3	Locknut, 5/16-18	
4	4712200	1	Washer, 3/4	
5	4762200	1	Lockwasher, 3/4	
6	4891500	6	Washer, 5/16	
7	1001144474	1	Mirror Bracket	
8	1001191635	1	Mirror Assembly	
9	1001190639	1	Headlight Bracket	

FIGURE 1-9. REAR CONVEX MIRROR INSTALLATION

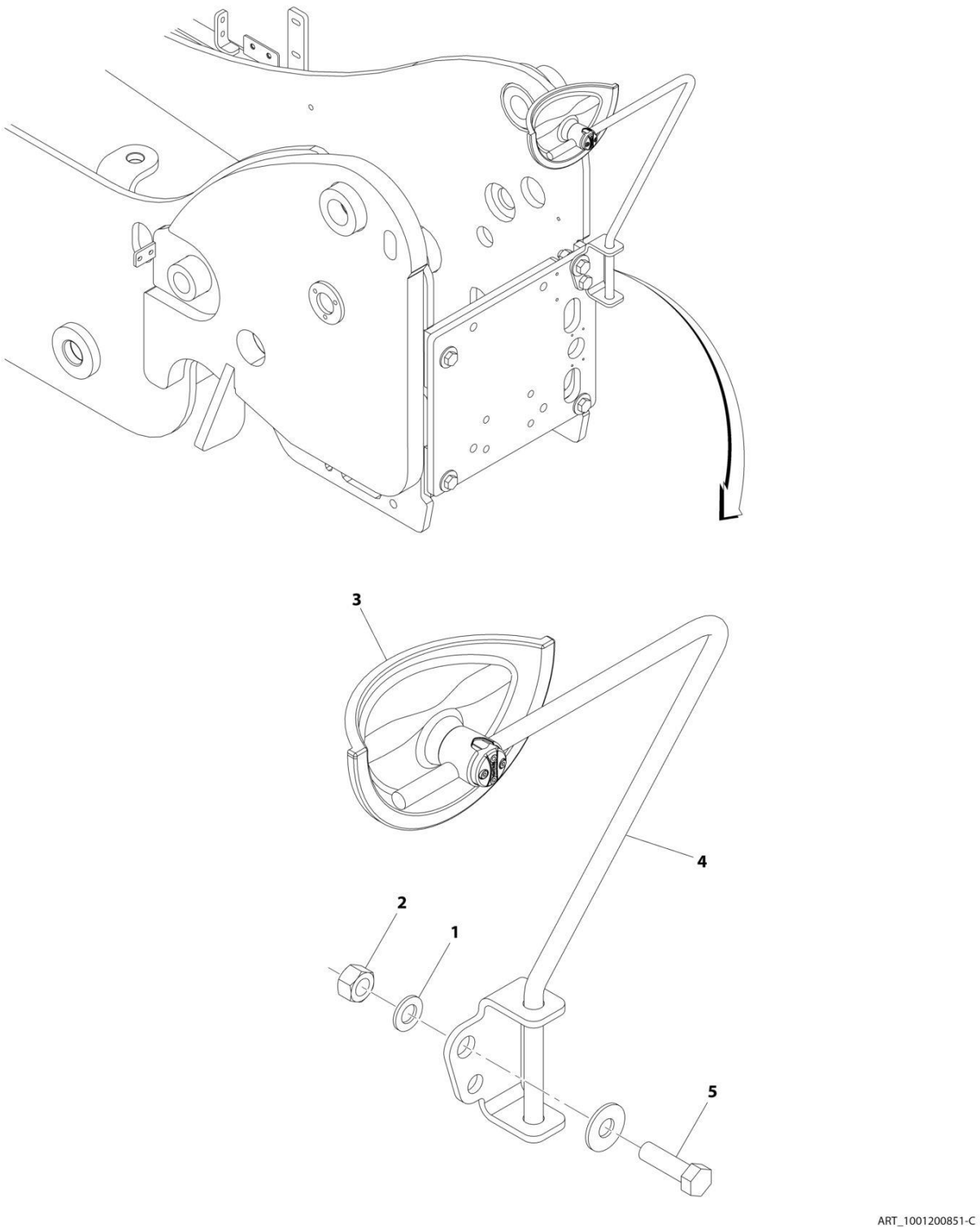
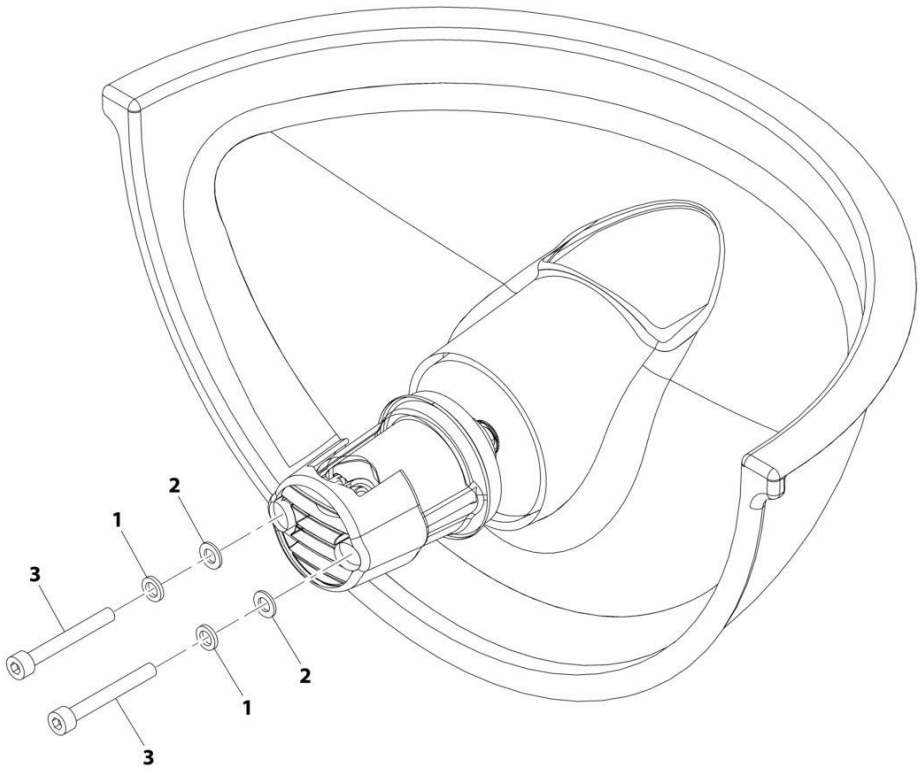


FIGURE 1-9. REAR CONVEX MIRROR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200851	Ref	Rear Convex Mirror Installation	C
1	4712200	1	Washer, 3/4	
2	88501012	1	Hex Nut, 3/4-10	
3	1001008436	1	Mirror Assembly (See Separate Breakdown in this Section)	
4	1001208759	1	Rear Mount Mirror Bar	
5	0682220	1	Hex HD Capscrew, 3/4-10X2-1/2, GR8	

FIGURE 1-10. MIRROR ASSEMBLY (CONVEX)



ART_1001008436-D

FIGURE 1-10. MIRROR ASSEMBLY (CONVEX)

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

FIGURE 1-11. BATTERY COVER INSTALLATION

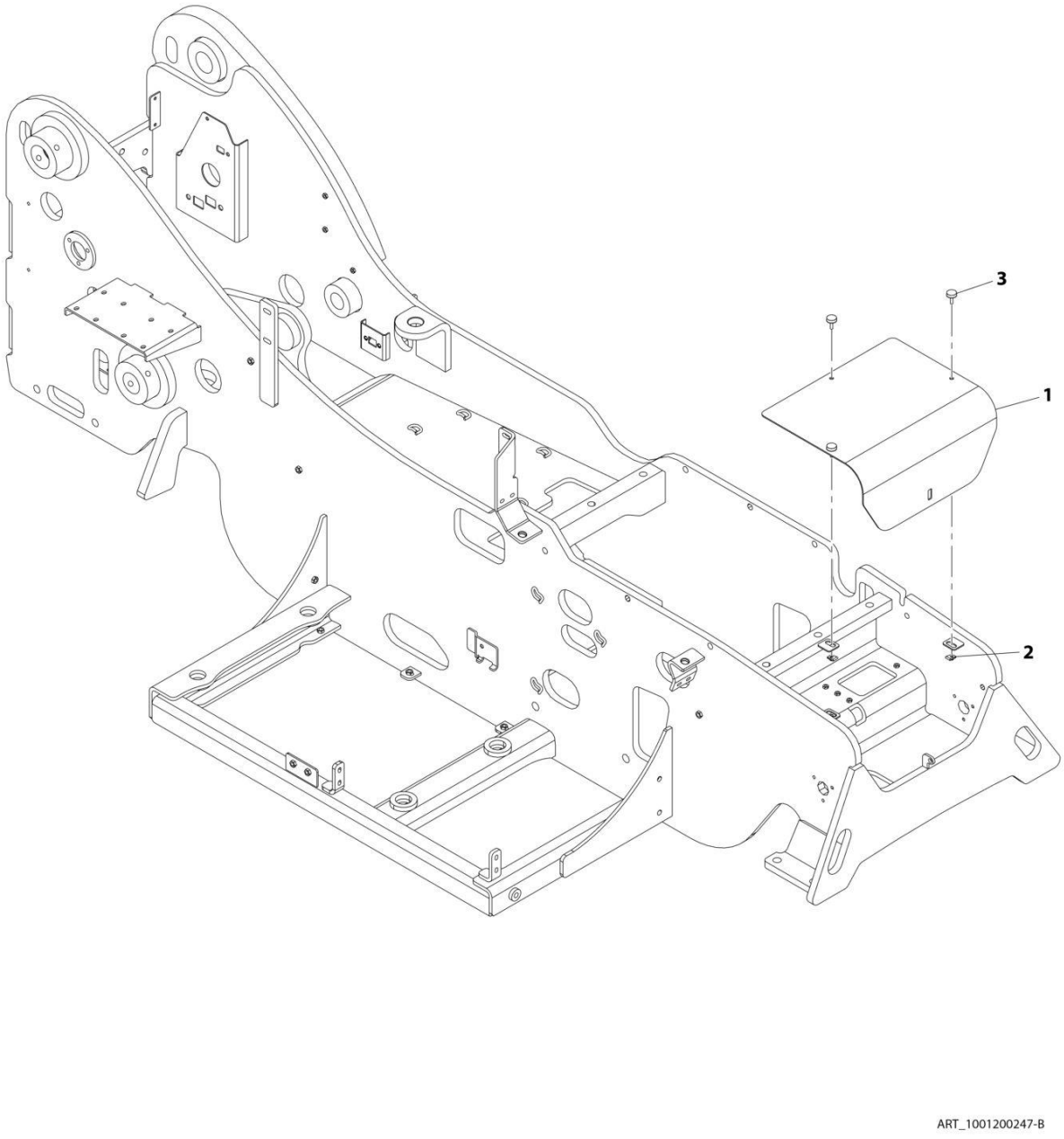


FIGURE 1-11. BATTERY COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200247	Ref	Battery Cover Installation	B
1	1001198349	1	Battery Cover	
2	1001130220	3	Tinnerman Nut, M6	
3	1001151183	3	Thumb Screw, M6-1X25.4	

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

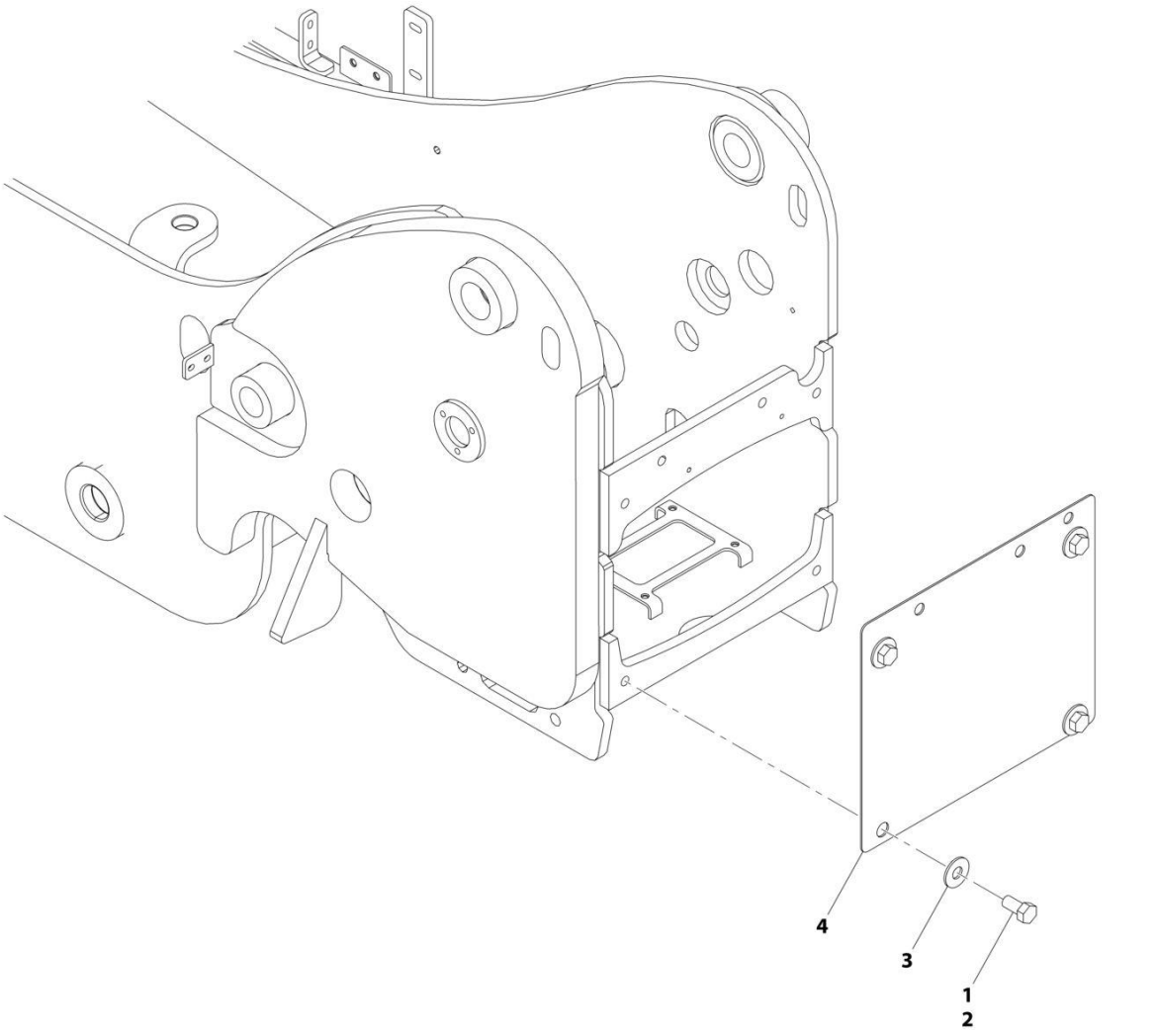


FIGURE 1-12. REAR COVER PLATE INSTALLATION, (NO HITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200598	Ref	Rear Cover Plate Installation, (No Hitch)	D
1	0100011	AR	Compound, Locking	
2	0642212	4	Capscrew 3/4 x 1-1/2	
3	4752200	4	Washer 3/4	
4	1001197490	1	Plate, Rear	

FIGURE 1-13. HITCH INSTALLATION

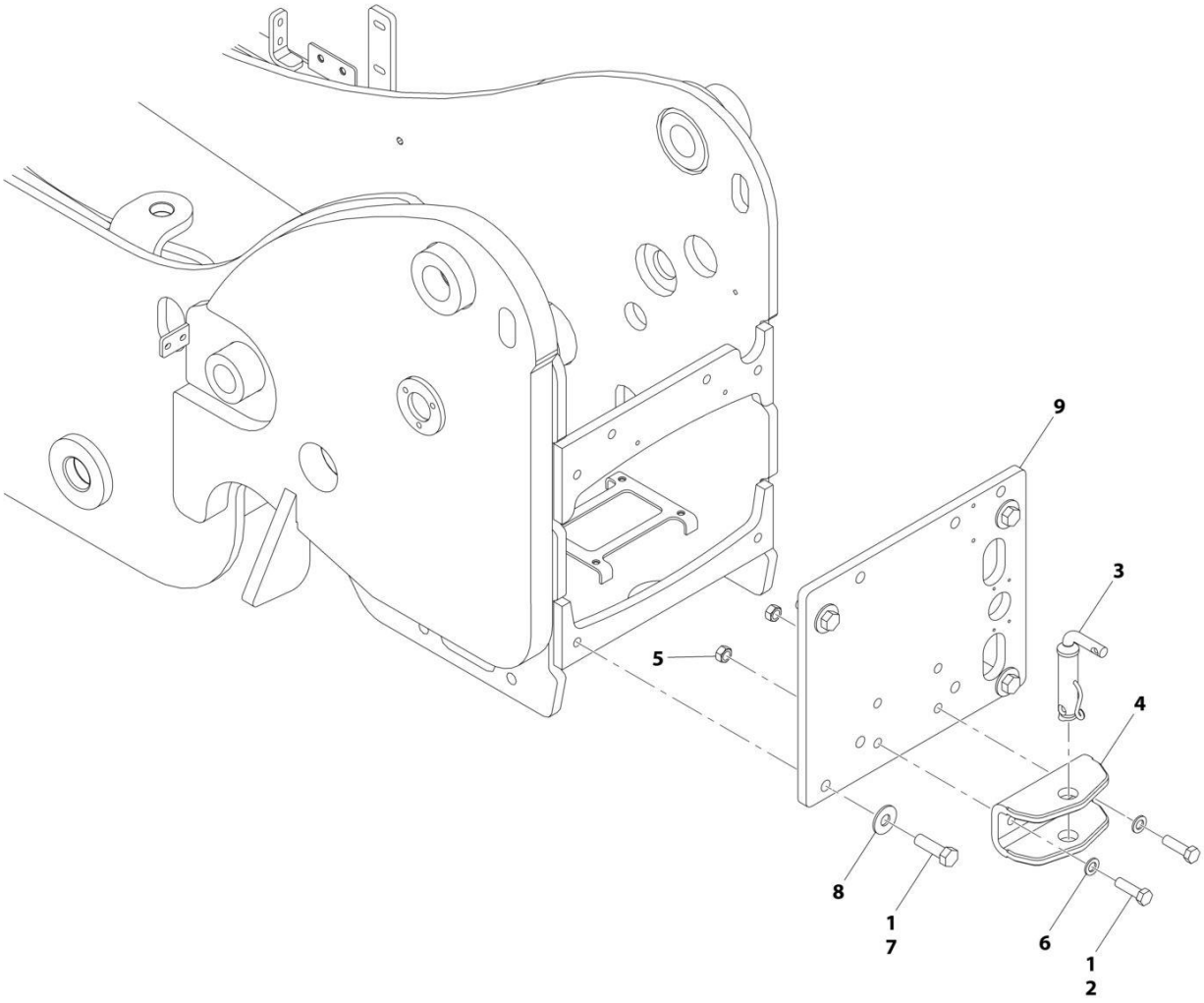


FIGURE 1-13. HITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200601	Ref	HITCH INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0771619	2	Capscrew M16 x 55	
3	3944574	1	Hitch Pin	
4	4804533	1	Hitch	
5	4805921	2	Nut M16	
6	4812300	2	Washer M16	
7	0682220	4	Capscrew 3/4 x 2-1/2	
8	4752200	4	Washer 3/4	
9	1001200378	1	Plate, Rear Hitch Mount	

FIGURE 1-14. HITCH ASSEMBLY (FIXED)

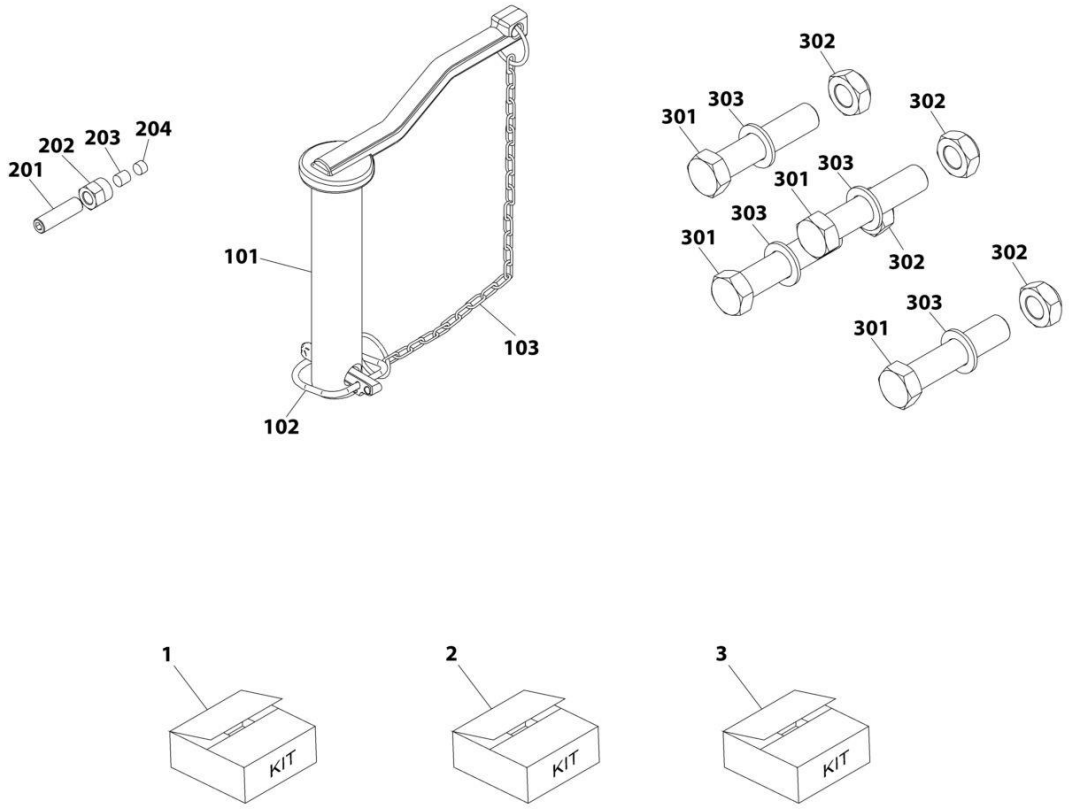


FIGURE 1-14. HITCH ASSEMBLY (FIXED)

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 1-15. HITCH INSTALLATION - CUNA-C

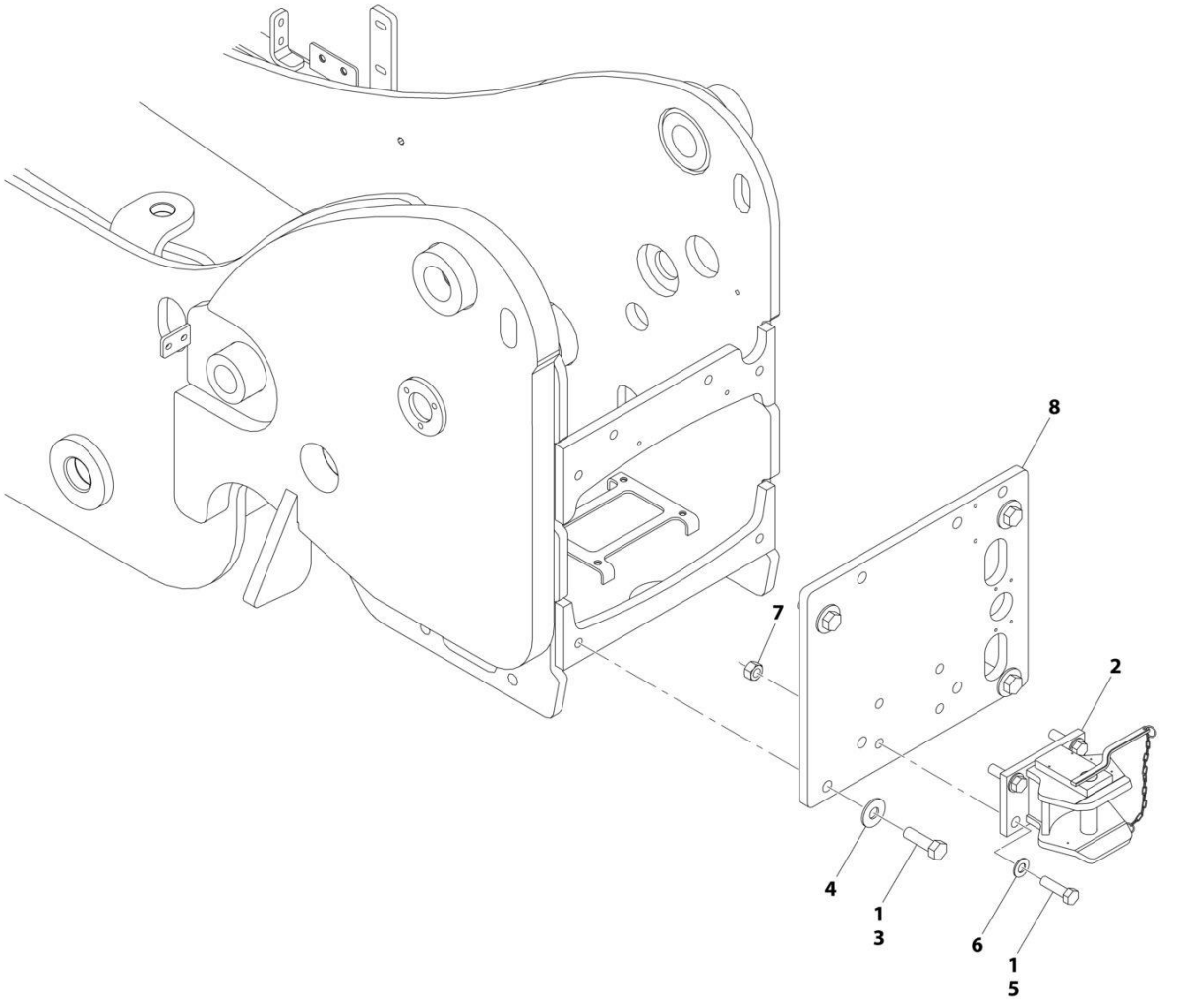


FIGURE 1-15. HITCH INSTALLATION - CUNA-C

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200603	Ref	Hitch Installation - Cuna-C	B
1	0100011	1	Compound, Locking	
2	2620052	1	Hitch, 6M TON, (CUNA-C), (See Separate Breakdown in this Section)	
3	0682220	1	Capscrew 3/4 x 2-1/2	
4	4752200	1	Washer 3/4	
5	0682018	1	Capscrew 5/8 x 2-1/4	
6	4712000	1	Washer 5/8	
7	88501010	1	Nut 5/8	
8	1001200378	1	Plate, Rear Hitch Mount	

FIGURE 1-16. HITCH ASSEMBLY (CUNA-C)

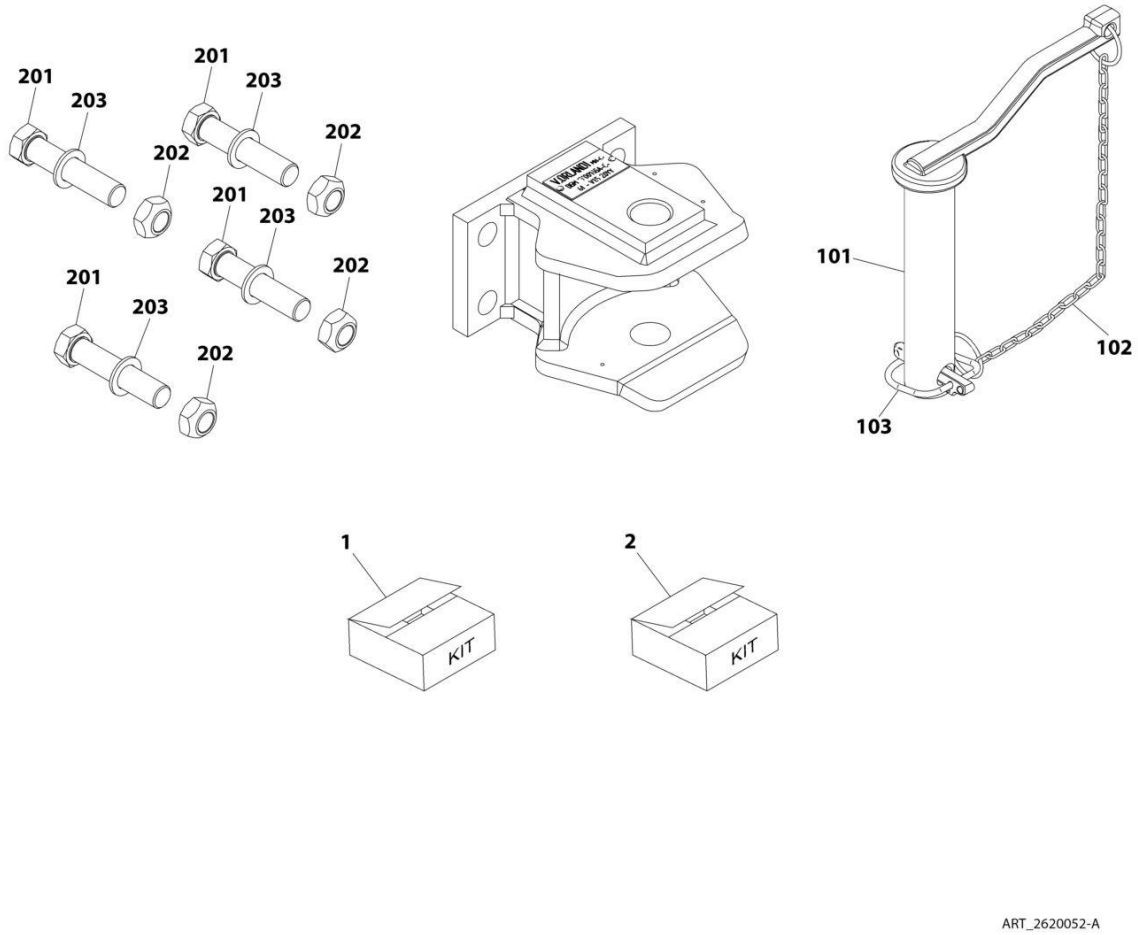


FIGURE 1-16. HITCH ASSEMBLY (CUNA-C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2620052	1	Hitch Assembly, (CUNA-C)	A
1	70022818	1	Towing Pin Kit, (Includes Items 101 thru 103)	
101	Kit	1	Pin	
102	Kit	1	Safety Chain	
103	Kit	1	Safety Pin	
2	70027176	1	Screw Kit, (Includes Items 201 thru 203)	
201	Kit	4	Screw, M16X80	
202	Kit	4	Nut, M16	
203	Kit	4	Washer	

FIGURE 1-17. LICENSE HOLDER INSTALLATION, LARGE

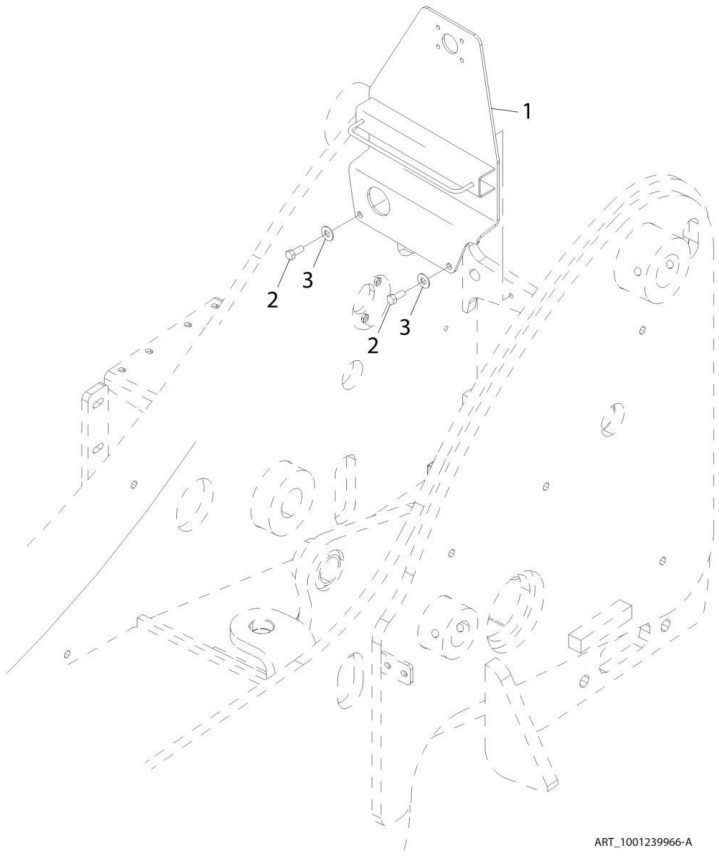


FIGURE 1-17. LICENSE HOLDER INSTALLATION, LARGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239966	Ref	License Holder Installation	A
1	1001239965	1	Hose Clamp Support	
2	0641607	2	Bolt, 3/8-16X7/8	
3	4751600	2	Washer, 3/8	

FIGURE 1-18. LIFT CYLINDER PROP SUPPORT

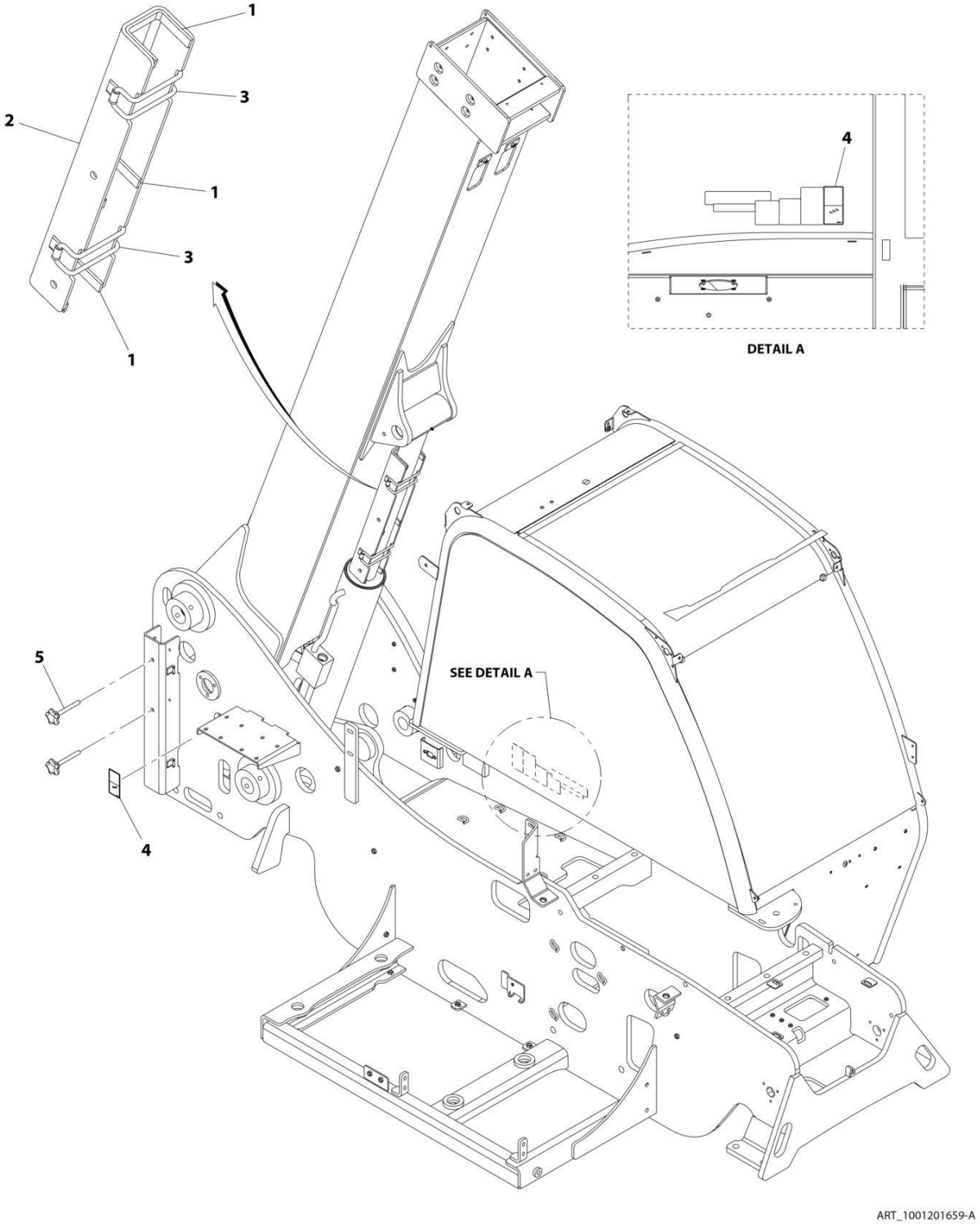


FIGURE 1-18. LIFT CYLINDER PROP SUPPORT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201659	Ref	Lift Cylinder Lock Installation	A
1	909304	640 mm	Rubber Profile, 18X5mm	
2	1271599	1	Lift Cylinder Lock Weldment	
3	1784861	2	O-Ring	
4	8005671	2	Cylinder Lock Warning Decal	
5	1001099887	2	Handle Screw, 12X103mm	

SECTION 2 - BOOM

FIGURE 2-1. BOOM ASSEMBLY INSTALLATION, STD W/AUX

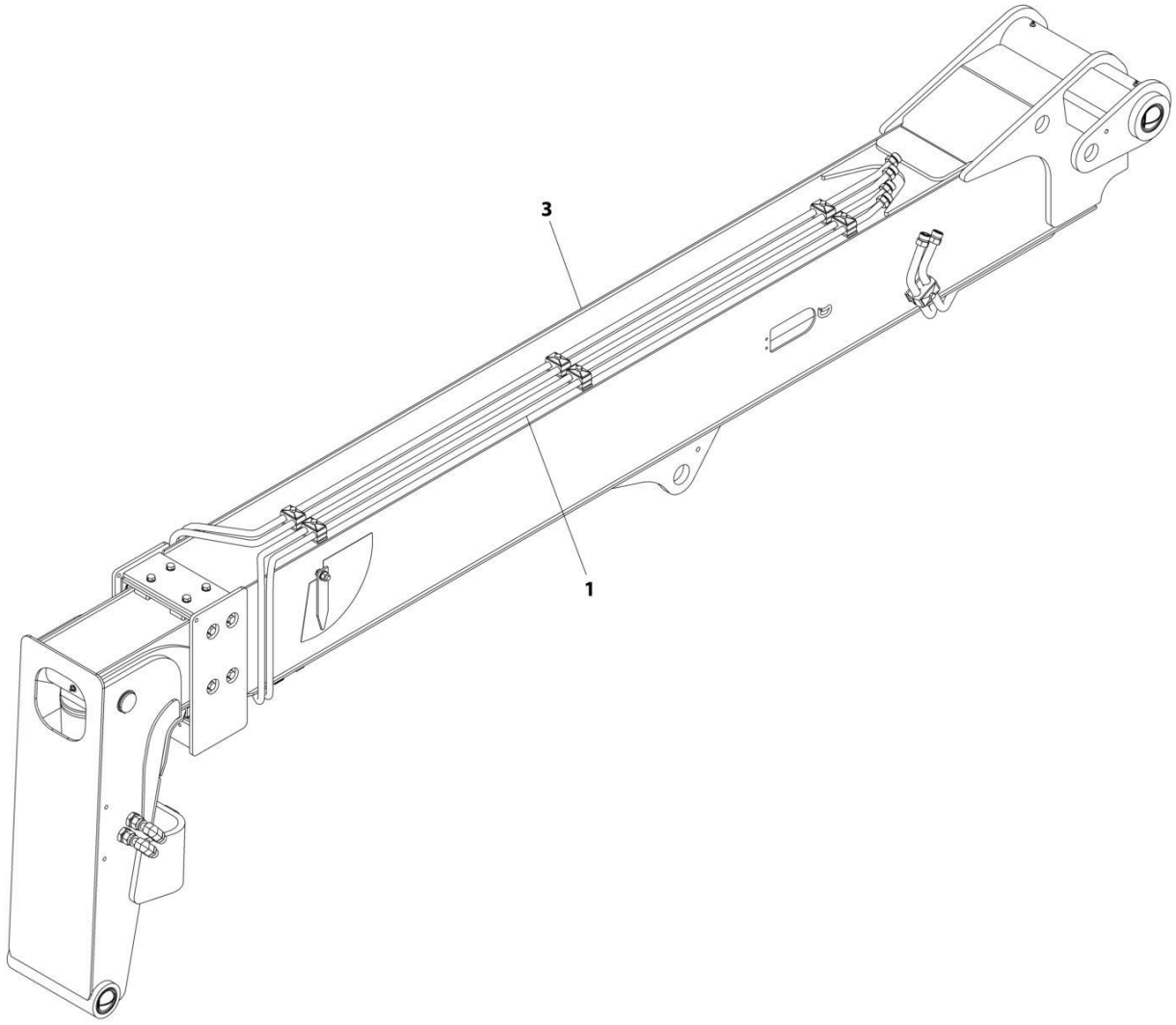


FIGURE 2-1. BOOM ASSEMBLY INSTALLATION, STD W/AUX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233661	Ref	Boom Assembly Installation, STD W/AUX	B
1	1001237192	Ref	Installation, Standard Auxiliary Hydraulics (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
3	1001233660	Ref	Installation, Boom W/O Auxiliary (See Separate Breakdown in this Section)	

FIGURE 2-2. BOOM ASSEMBLY INSTALLATION, W/AUX FOR QS

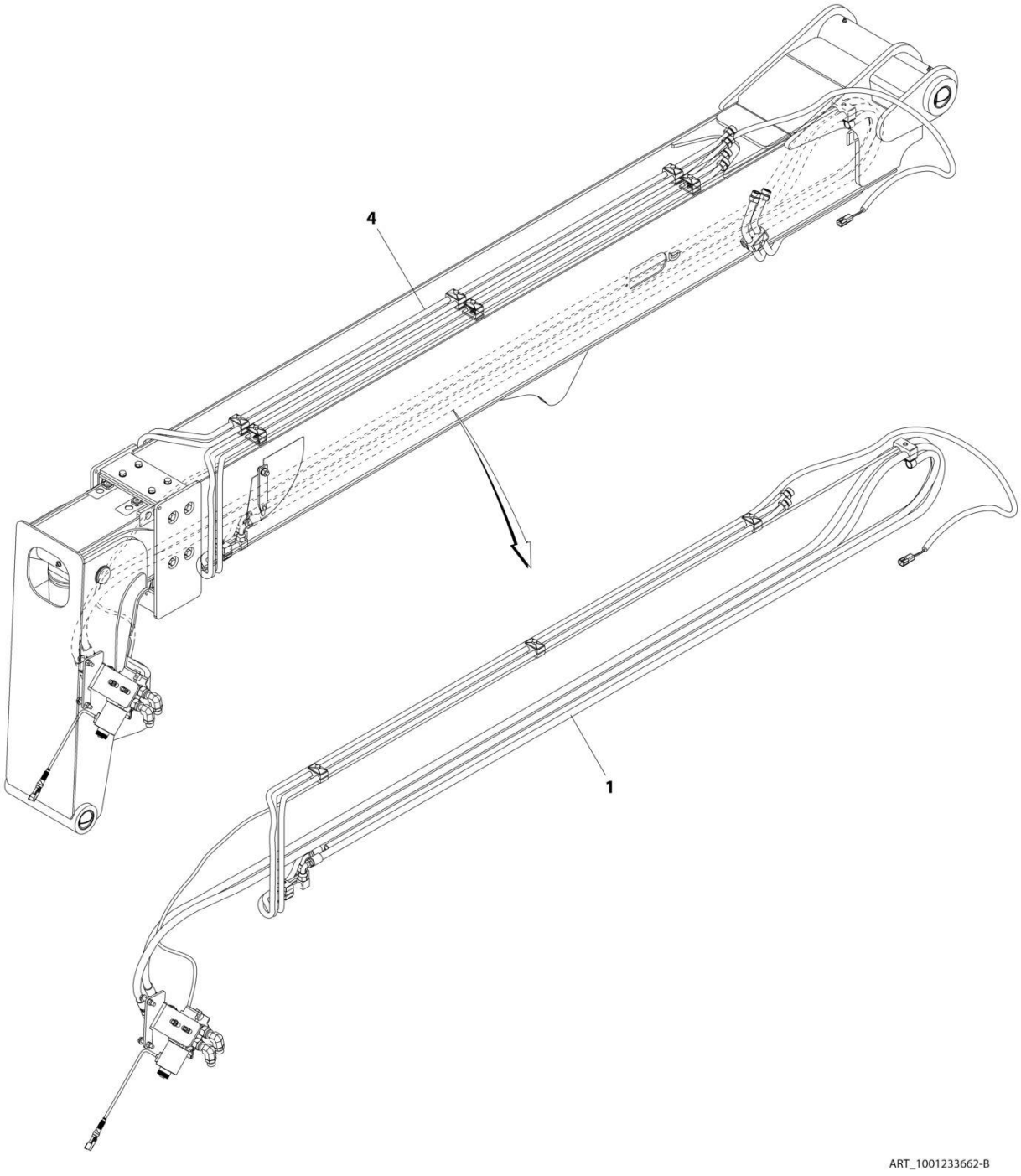


FIGURE 2-2. BOOM ASSEMBLY INSTALLATION, W/AUX FOR QS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233662	Ref	Boom Assembly Installation, W/AUX for QS	B
1	1001237214	Ref	Installation, Auxiliary Hydraulics W/Quick Switch (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
4	1001233660	Ref	Installation, Boom W/O Auxiliary Assembly (See Separate Breakdown in this Section)	

FIGURE 2-3. BOOM INSTALLATION, W/O AUXILIARY HYDRAULICS

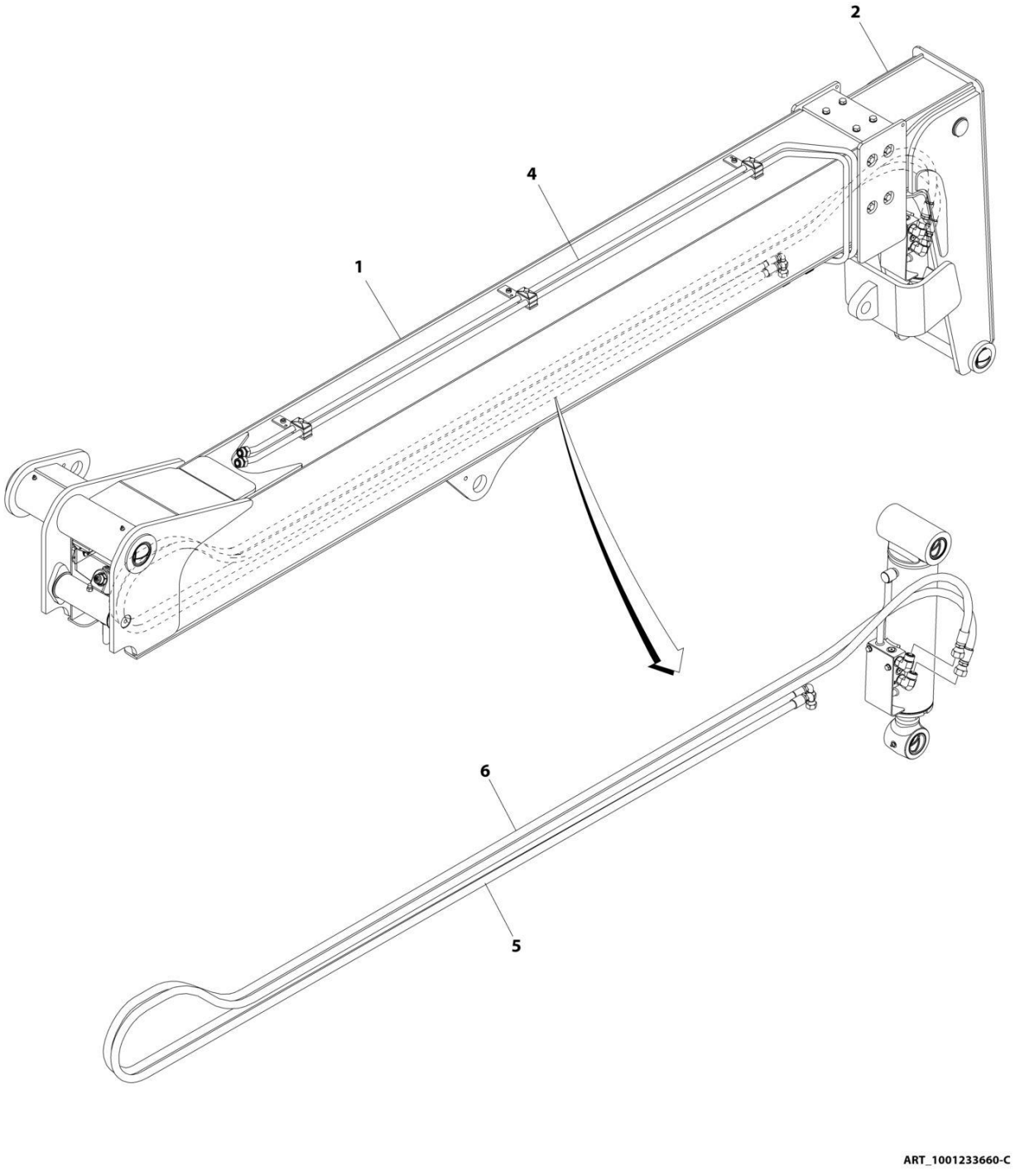
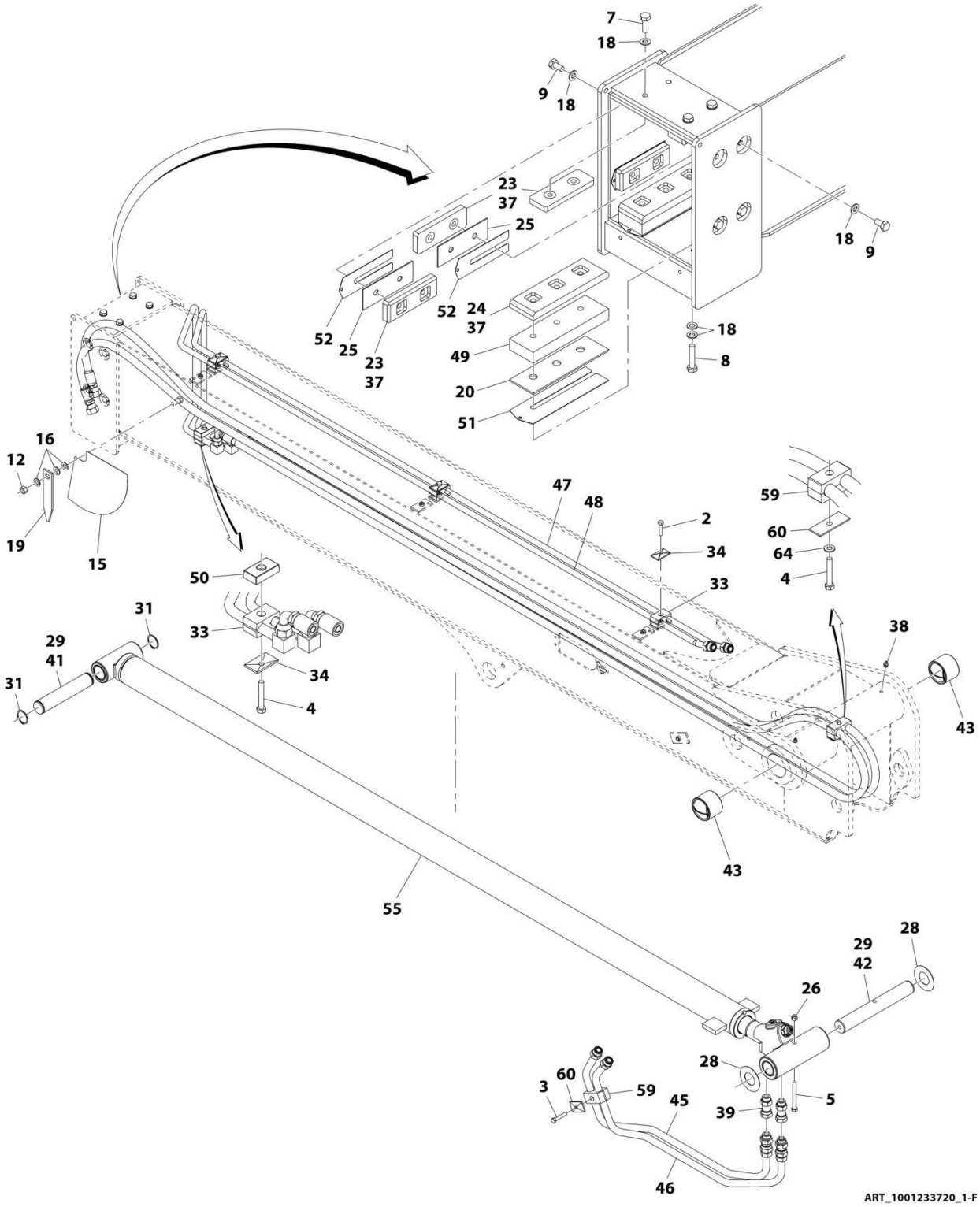
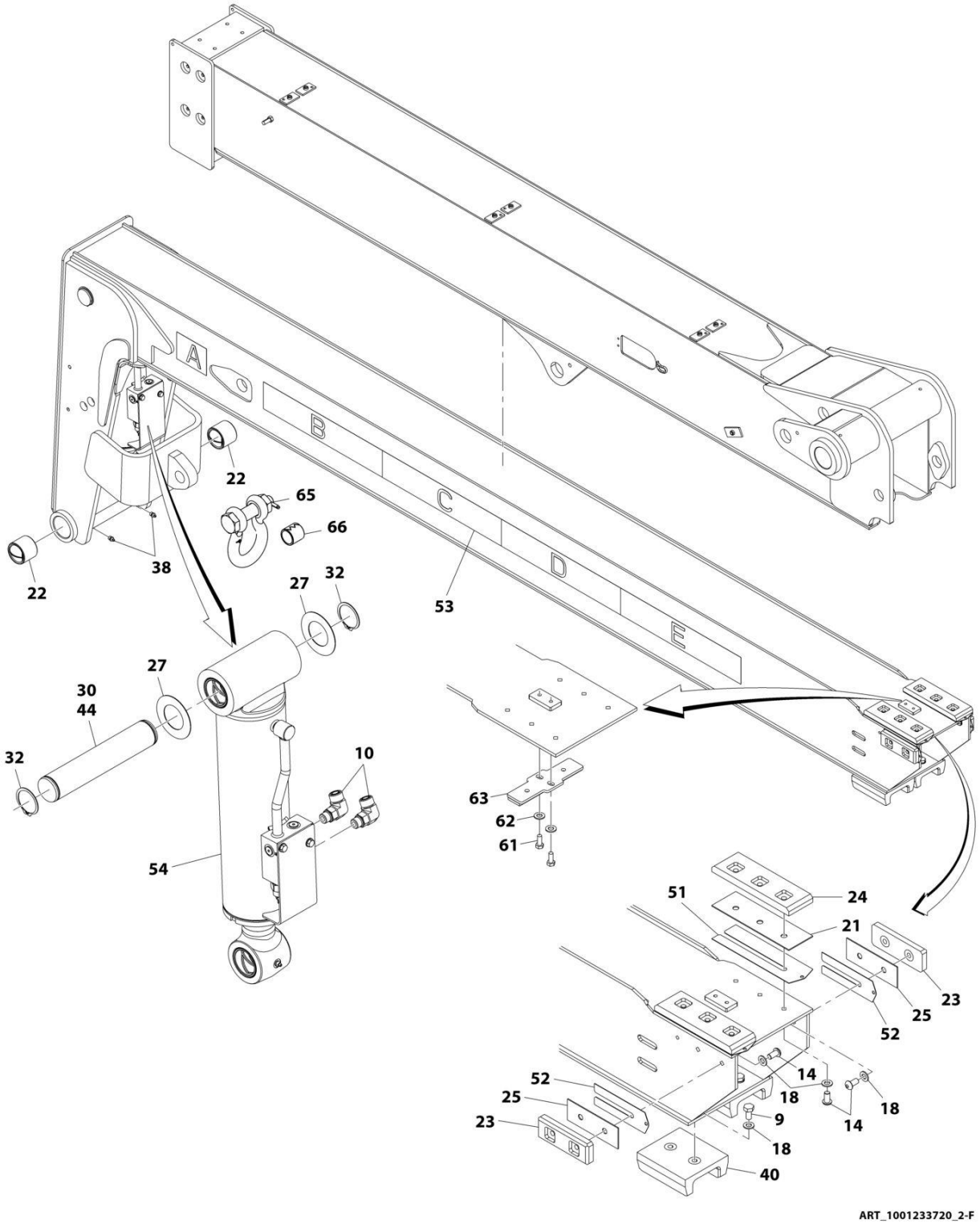


FIGURE 2-3. BOOM INSTALLATION, W/O AUXILIARY HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233660	Ref	Boom Assembly Installation, W/O Auxiliary	C
1	1001247326	1	First Boom Section	
2	1001228447	1	Second Boom Section	
4	1001233720	Ref	Installation, Boom Assembly (See Separate Breakdown in this Section)	
5	1001247194	1	Hose	
6	1001247195	1	Hose	

FIGURE 2-4. BOOM W/O AUXILIARY HYDRAULIC INSTALLATION

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ART_1001233720_2-F

FIGURE 2-4. BOOM W/O AUXILIARY HYDRAULIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233720	Ref	Boom W/O Auxiliary Hydraulic Installation	F
2	0641512	3	Hex HD Capscrew, 5/16 x 1-1/2, GR5	
3	0641514	1	Hex HD Capscrew, 5/16 x 1-3/4, GR5	
4	0641516	2	Hex HD Capscrew, 5/16 x 2, GR5	
5	0641628	1	Hex HD Capscrew, 3/8 x 3-1/2, GR5	
7	0701014	4	Bolt, M10X30	
8	0701018	6	Hex HD Capscrew, M10 x 50, GR8.8	
9	0761010	12	Hex HD Capscrew, M10 x 20, GR8.8	
10	2131008	2	Fitting, 90 ORFS	
12	3311705	1	Locknut, 7/16-14	
14	3900393	10	Button HD Capscrew, M10 X 20	
15	4105262	1	Boom Angle Decal	
16	4711700	3	Flat Washer, 7/16	
18	4812000	38	Washer, M10	
19	7075611	1	Boom Angle Indicator	
20	7082362	AR	Spacer	
21	7126182	AR	Spacer	
22	7126662	2	Chain Sheave Bushing	
23	7300032	8	Wear Pad	
24	7300034	4	Wear Pad	
25	7300518	AR	Spacer, 1.90mm	
26	8305645	1	Hex Locknut, 3/8-16	
27	8307904	AR	Shim Washer, 2X0.048X3	
28	8310160	AR	Shim Washer, 1.50X0.048X3.00	
29	8522012	AR	Anti-Seize Lube	
30	8522031	AR	Multi-Purpose Grease	
31	8642207	2	Retaining Ring, 1.50	
32	8642224	2	Retaining Ring, 2.00	
33	8769122	4	Clamp Set, 5/8 Dia	
34	8769123	4	Twin Cover Plate	
37	14404793	AR	Mystik Tetrimoly Grease	
38	88671001	4	Straight Lube Fitting, 1/8	
39	1001001556	2	Fitting, Straight ORFS	
40	1001080050	2	Wear Pad Channel Assy	
41	1001080116	1	Base Pin	
42	1001080117	1	Rod Pin	
43	1001080124	2	Bushing	
44	1001080152	1	Base Pin	
45	1001080203	1	Tube Assy	
46	1001080204	1	Tube Assy	
47	1001247191	1	Tube Assy	
48	1001247190	1	Tube Assy	
49	1001080391	2	Wear Pad Spacer	
50	1001080394	1	Twin Line Clamp Spacer	
51	1001096584	AR	Shim	
52	1001096585	AR	Shim	
53	1001099783	1	Boom Extend Decal	
54	1001200581	1	Cylinder, Tilt (See Separate Breakdown in Hydraulic Components Section)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	1001201668	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENT Section)	
59	77133136	2	Set Clamp	
60	77133137	2	Cover Plate	
61	0760810	2	Hex HD Capscrew, M8X20, GR8.8	
62	4811900	2	Washer, M8	
63	1001238317	1	Bracket	
64	4711500	1	Washer, 5/16	
65	1001204045	1	Clevis	
66	1001204047	1	Sleeve	

FIGURE 2-5. FORK LOCKING CYLINDER KIT

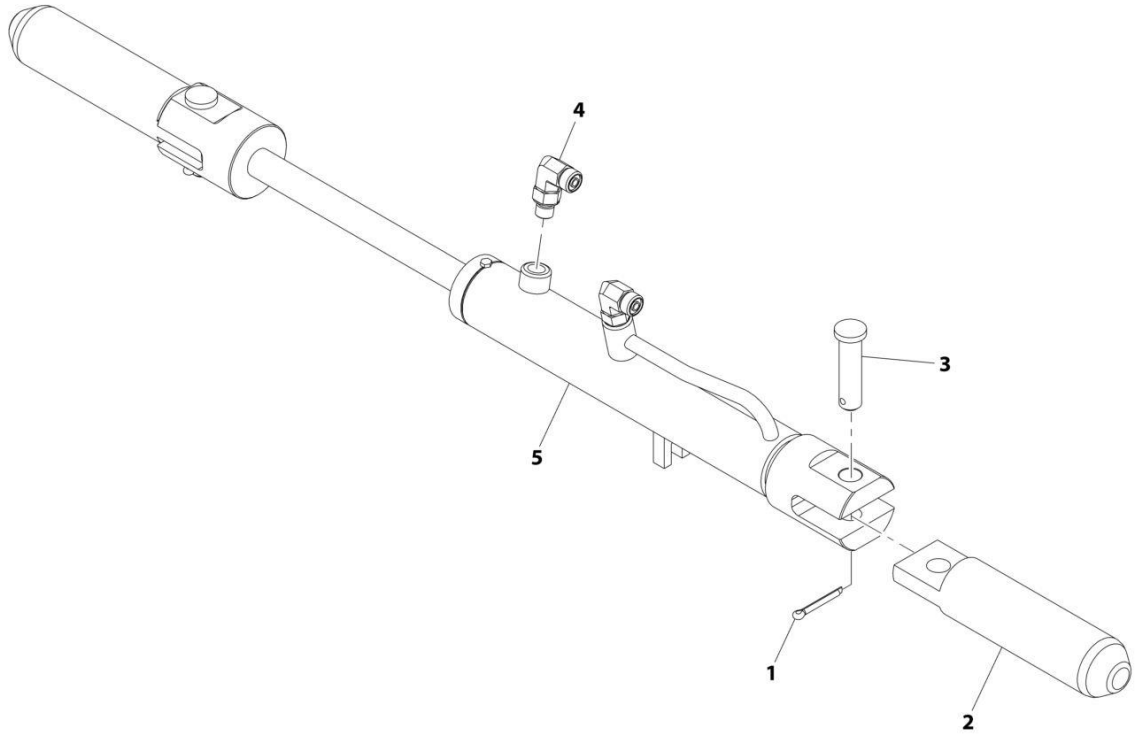


FIGURE 2-5. FORK LOCKING CYLINDER KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080333	Ref	Fork Locking Cylinder Kit	C
1	3391410	2	Split Pin	
2	8001888	2	Pin	
3	8002110	2	Clevis Pin	
4	2130404	2	Elbow, 90	
5	1001080334	Ref	Hydraulic Quick Coupler Cylinder, (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 2-6. QUICK COUPLER INSTALLATION - MANUAL

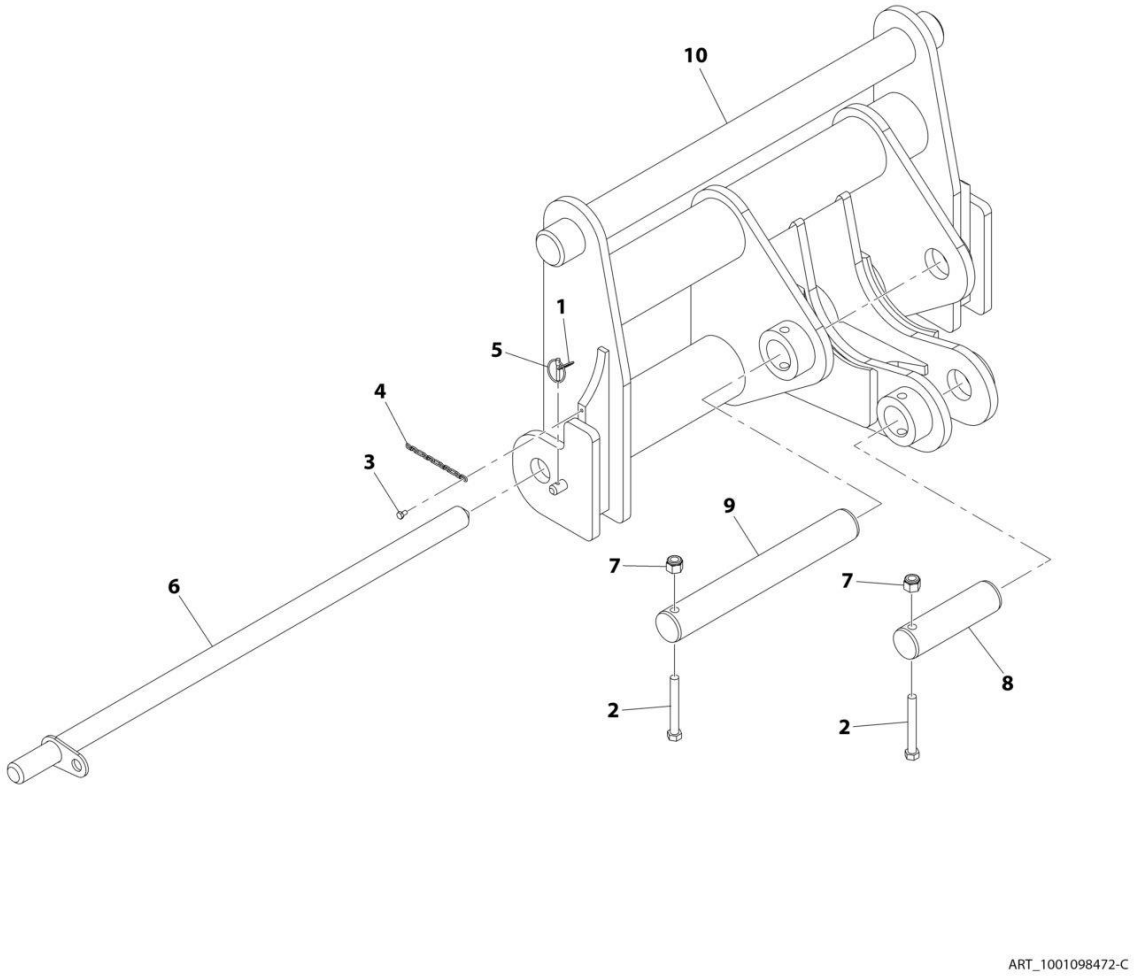


FIGURE 2-6. QUICK COUPLER INSTALLATION - MANUAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098472	Ref	COUPLER INSTALLATION - MANUAL	C
1	463929	1	Ring	
2	0681832	2	Bolt 1/2 x 4	
3	0760605	1	Bolt M6 x 10	
4	933940	1	Chain	
5	3964987	1	Split Pin	
6	8002027	1	Rod	
7	88521208	2	Nut 1/2	
8	1001097728	1	Fork Cylinder Rod Pin	
9	1001097729	1	Quick Coupler Pivot Pin	
10	1001098171	1	Quick Coupler Weldment	

FIGURE 2-7. COUPLER INSTALLATION, UNIVERSAL (MANUAL)

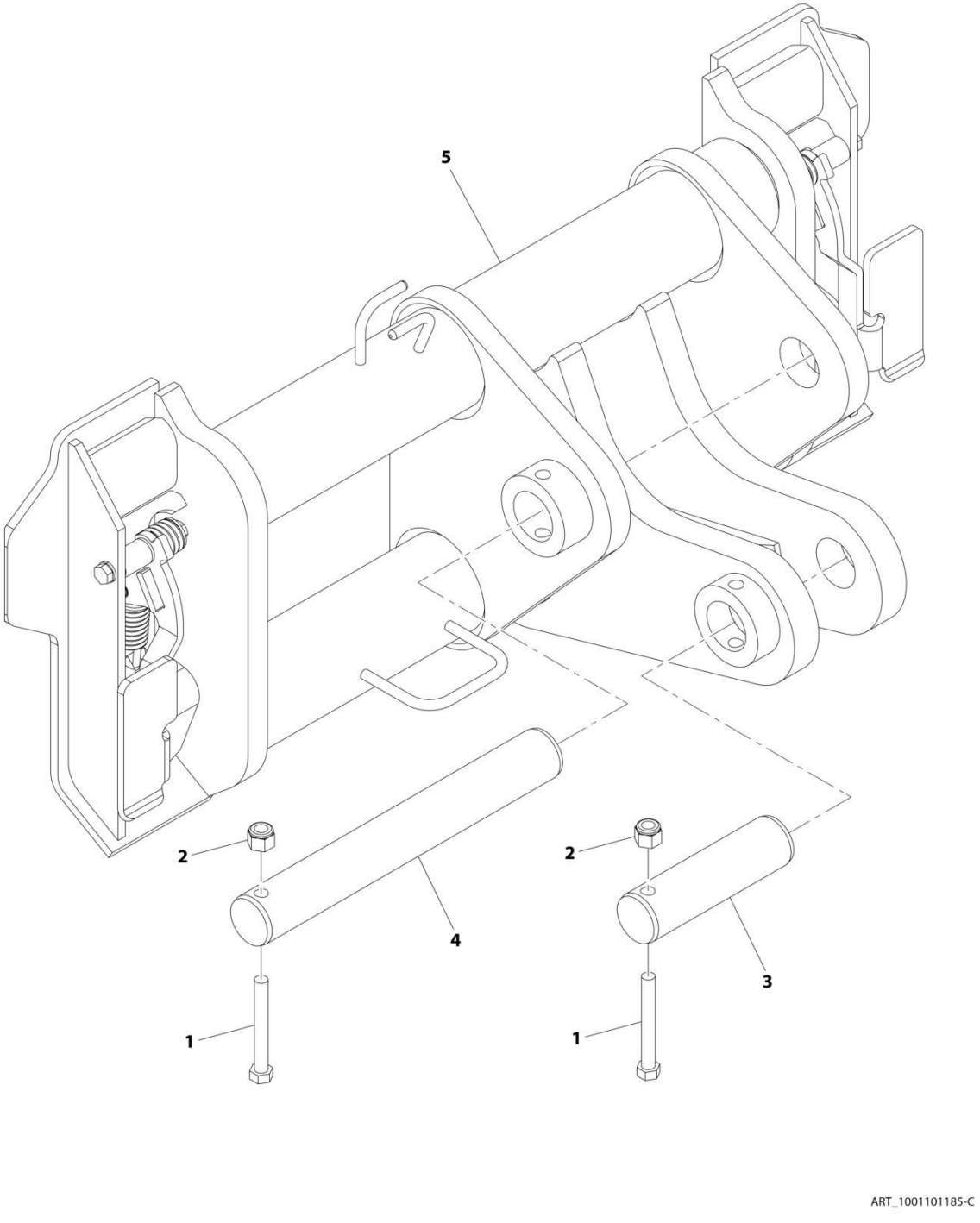


FIGURE 2-7. COUPLER INSTALLATION, UNIVERSAL (MANUAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101185	Ref	Coupler Installation, Universal (Manual)	C
1	0681832	2	Hex HD Capscrew, 1/2-13X4, GR8	
2	88521208	2	Locknut, 1/2-13	
3	1001097728	1	Fork Cylinder Rod Pin	
4	1001097729	1	Universal Quick Coupler Pivot Pin	
5	1001117498	Ref	Universal Quick Coupler Assembly (See Separate Breakdown in this Section)	

FIGURE 2-8. UNIVERSAL QUICK COUPLER ASSEMBLY

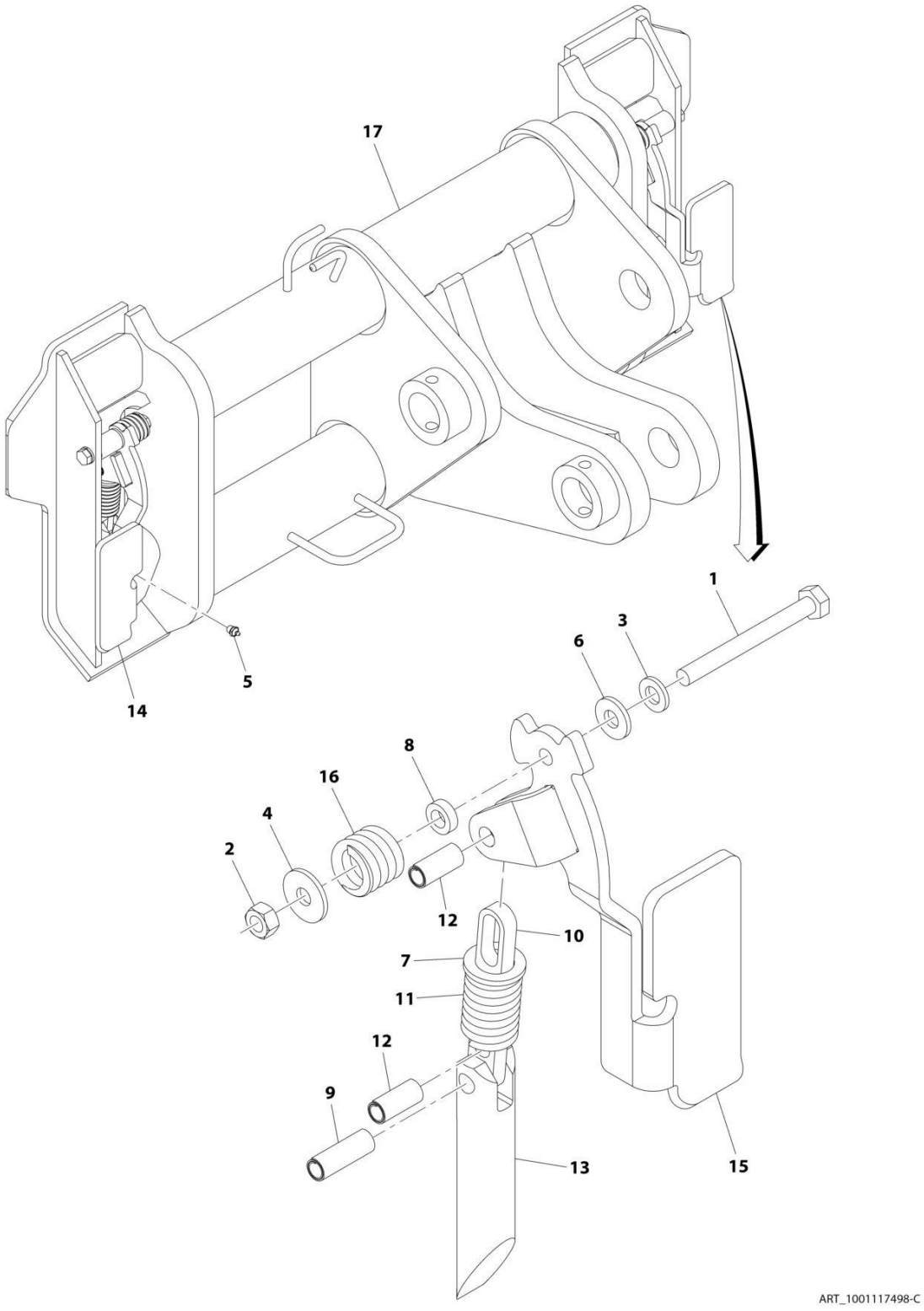


FIGURE 2-8. UNIVERSAL QUICK COUPLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117498	Ref	Universal Quick Coupler Assembly, (if ordering for the first time, refer to Decals Section for the appropriate capacity chart)	C
1	0701027	2	Hex HD Capscrew	
2	3291007	2	Hex Locknut, M10X1.5, Gr8	
3	5241000	2	Washer, 10mm	
4	1001003299	2	Washer	
5	1001008479	2	Grease Fitting	
6	1001008979	2	Washer	
7	1001009094	2	Washer	
8	1001055652	2	Washer	
9	1001061633	2	Spring Pin	
10	1001061659	2	Plate	
11	1001061660	2	Spring	
12	1001061662	4	Spring Pin	
13	1001061891	2	Pin	
14	1001061892	1	LH Handle	
15	1001061893	1	RH Handle	
16	1001062117	2	Spring	
17	N.S.S.	1	Universal Quick Coupler Weldment	

FIGURE 2-9. BOOM SIDE COVER INSTALLATION

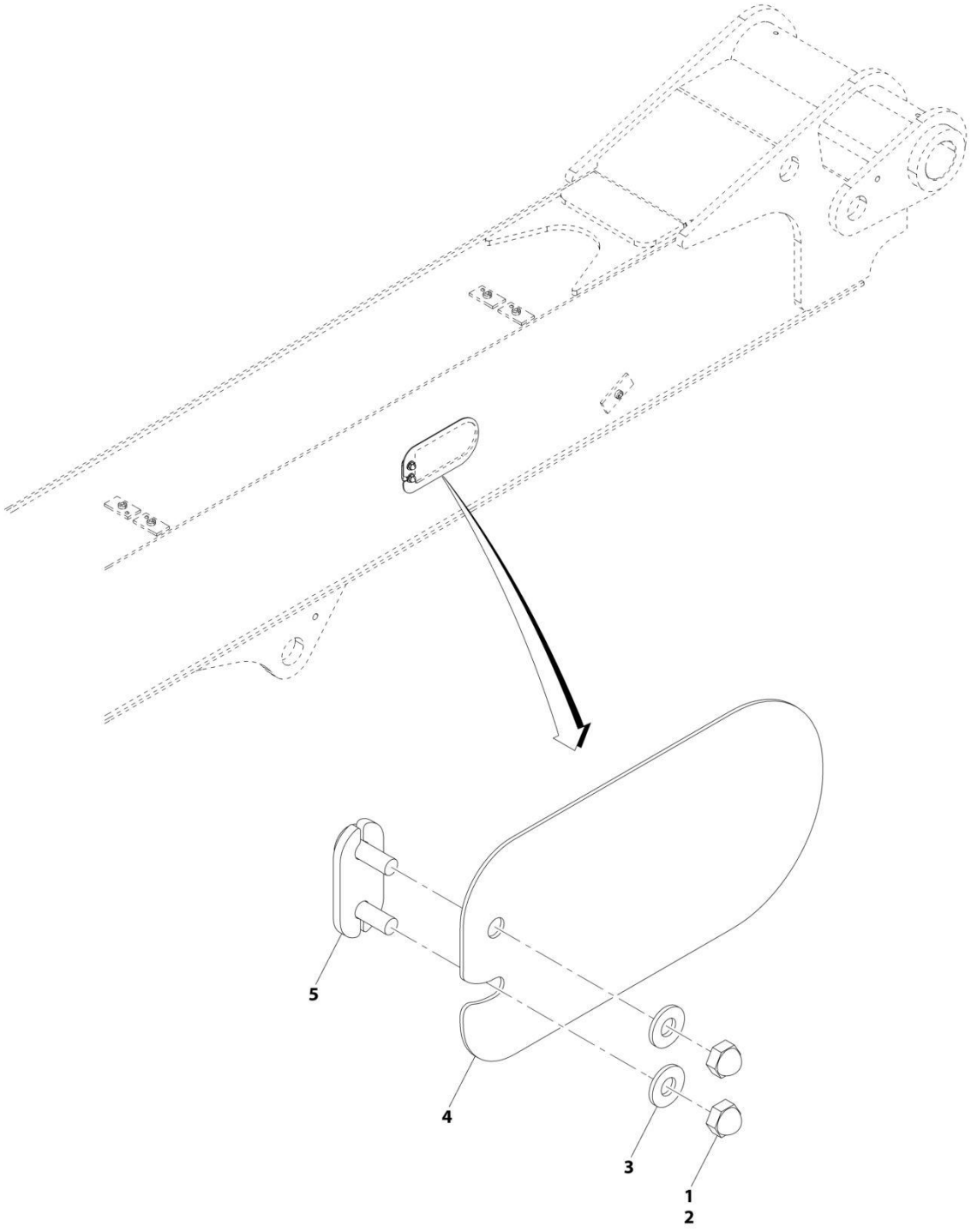
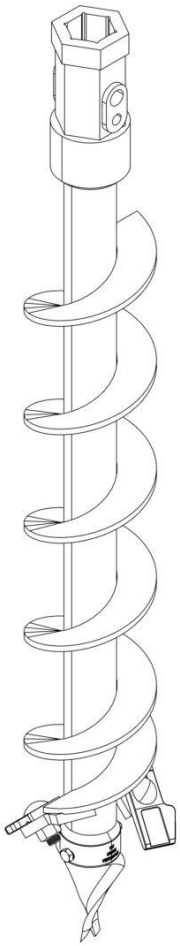


FIGURE 2-9. BOOM SIDE COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139177	Ref	Boom Side Cover Installation	C
1	0100011	AR	Compound, Locking	
2	3300430	2	Acorn Nut, 1/4-20	
3	4711400	2	Washer, 1/4	
4	1001139042	1	Boom Side Cover Panel	
5	1001139043	1	Cover Retainer Screw	

SECTION 3 - ATTACHMENTS

FIGURE 3-1. AUGER BIT (6INX4IN)



ART_1001204128-B

FIGURE 3-1. AUGER BIT (6INX4IN)

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

FIGURE 3-2. AUGER BIT (9INX4IN)

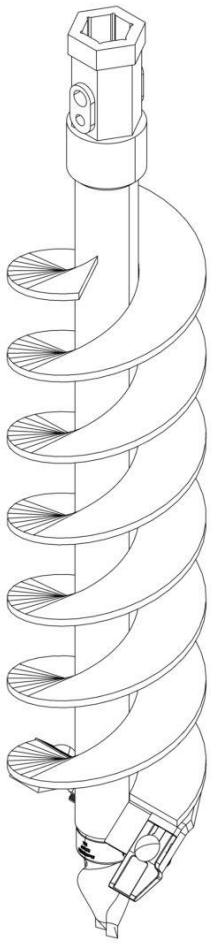


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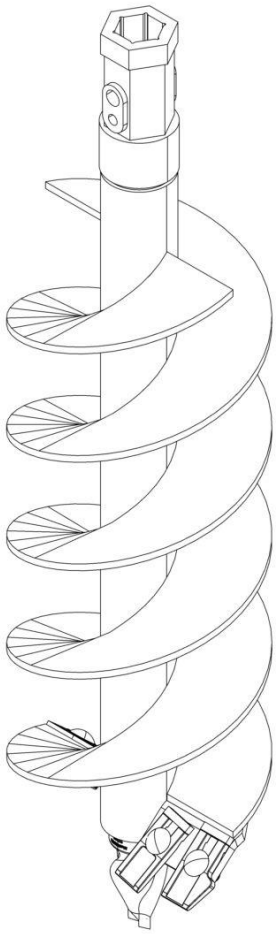
FIGURE 3-2. AUGER BIT (9INX4IN)

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

FIGURE 3-3. AUGER BIT (12INX4IN)

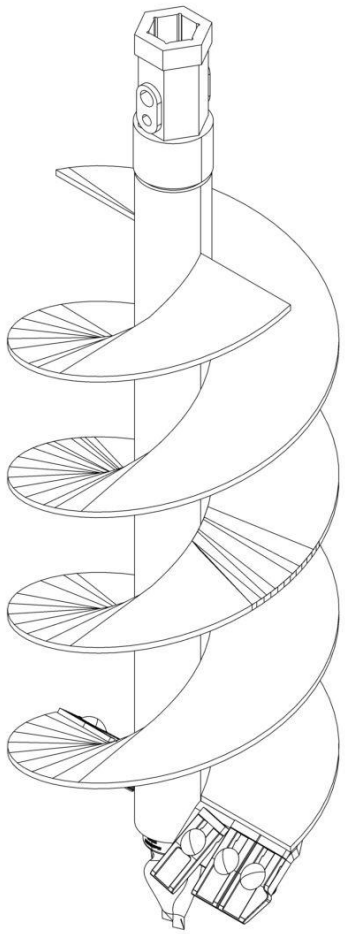


ART_1001204130-B

FIGURE 3-3. AUGER BIT (12INX4IN)

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

FIGURE 3-4. AUGER BIT (15INX4IN)

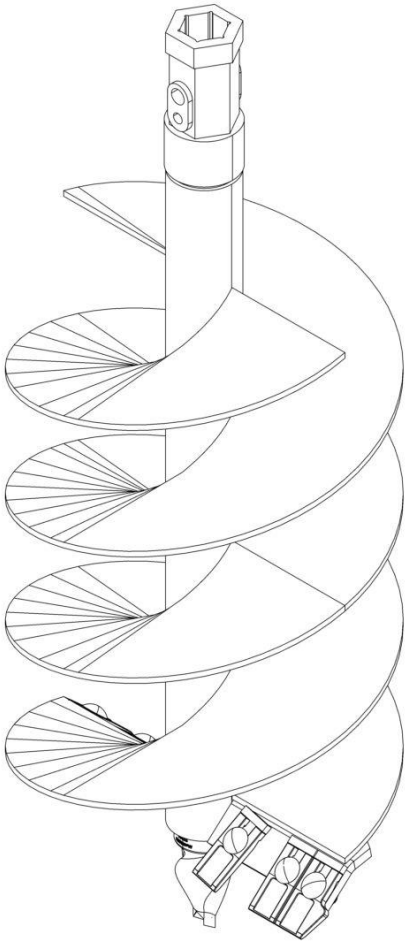


ART_1001204131-B

FIGURE 3-4. AUGER BIT (15INX4IN)

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

FIGURE 3-5. AUGER BIT (18INX4IN)



ART_1001204132-B

FIGURE 3-5. AUGER BIT (18INX4IN)

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

FIGURE 3-6. AUGER DRIVE ASSEMBLY, STANDARD

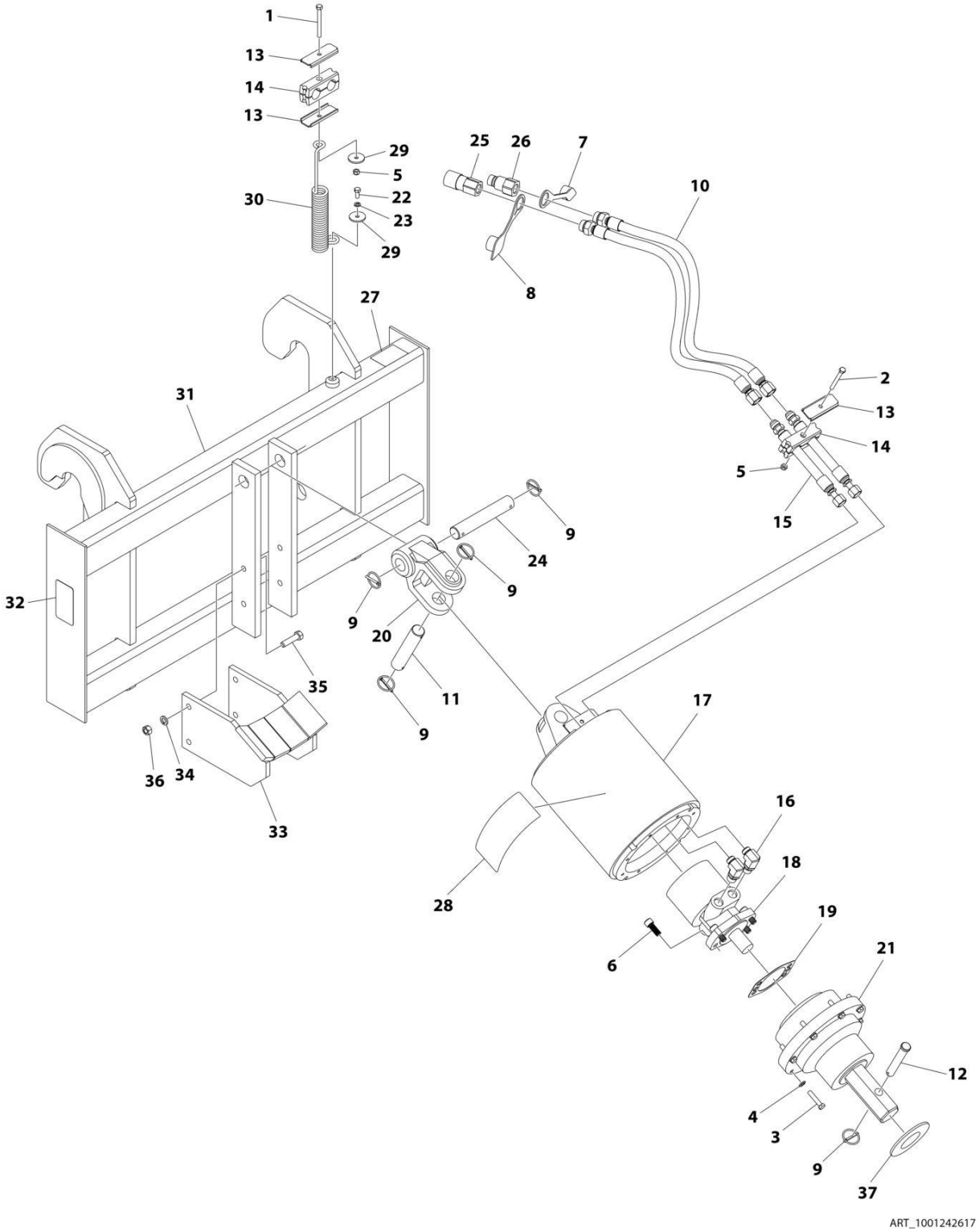


FIGURE 3-6. AUGER DRIVE ASSEMBLY, STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242617	Ref	AUGER DRIVE ASSEMBLY, STANDARD	C
1	90554074	1	Bolt	
2	90554070	1	Bolt	
3	70027774	8	Bolt	
4	90554042	8	Washer	
5	70027775	2	Nut	
6	70027776	4	Bolt	
7	1001093826	1	Dust Cap, Male	
8	1001093827	1	Dust Cap, Female	
9	70027777	5	Pin	
10	70027794	2	Hose	
11	70027781	1	Pin	
12	70027782	1	Pin	
13	70027783	3	Plate	
14	70027784	2	Block	
15	70027789	2	Hose	
16	70027788	2	Fitting	
17	70029696	1	Planetary Housing	
18	70029697	1	Motor	
19	70029314	1	Gasket	
20	70027779	1	Cast Swivel	
21	70027793	1	Planetary, Gearbox Assembly	
22	70027773	1	Bolt	
23	90554067	1	Washer	
24	70027780	1	Pin	
25	1001101042	1	Hydraulic Coupler, Female	
26	1001101041	1	Hydraulic Coupler, Male	
27	70027786	1	Decal, Warning	
28	70037787	2	Decal - Danger	
29	70029698	2	Washer	
30	70029699	1	Spring	
31	See Note	NSS	Weldment (Note: Not Available for Purchase)	
32	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
33	70027778	1	Bracket	
34	90554020	4	Washer	
35	90554019	4	Bolt	
36	90554054	4	Nut	
37	70029700	1	Seal	

FIGURE 3-7. AUGER DRIVE ASSEMBLY, UNIVERSAL

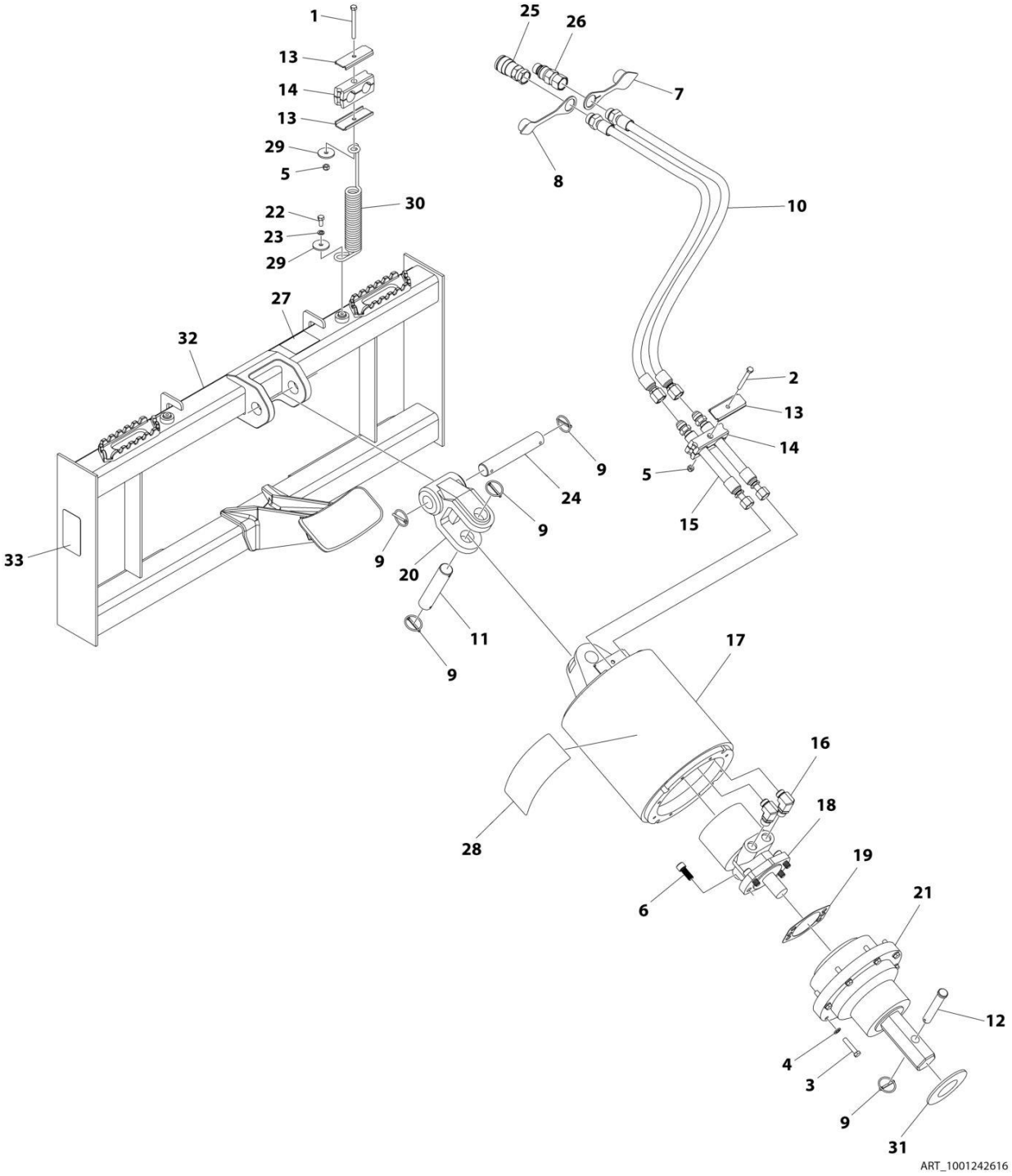
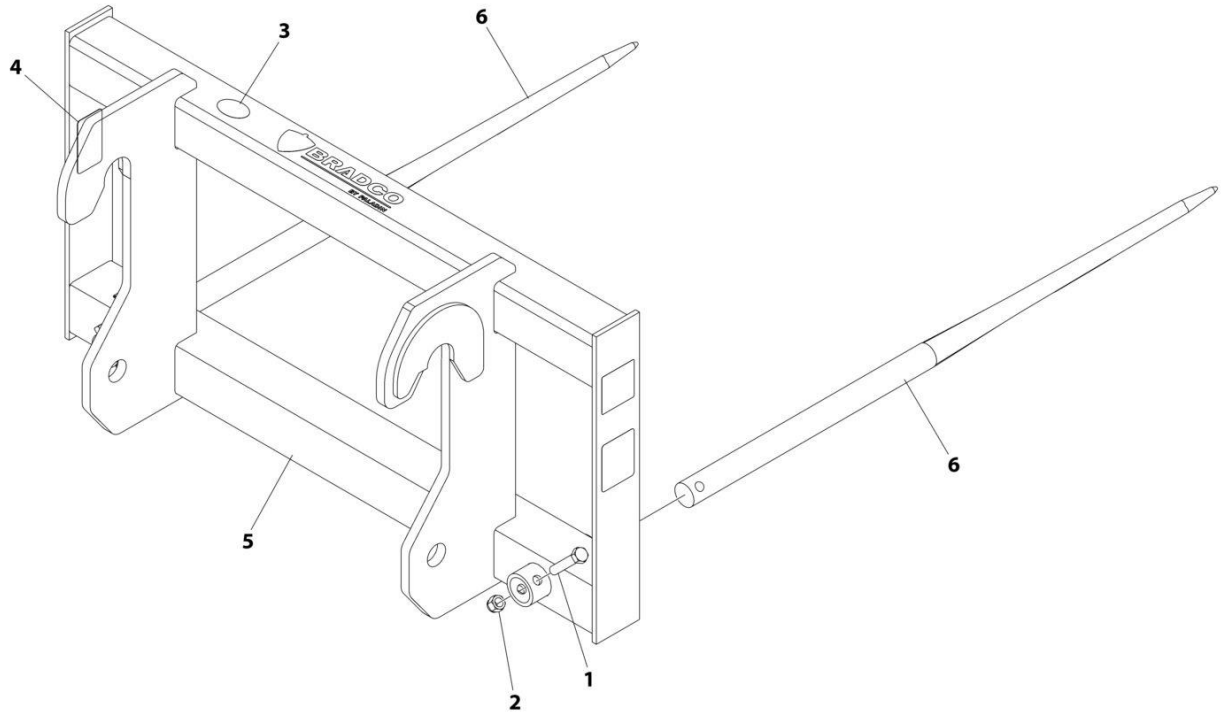


FIGURE 3-7. AUGER DRIVE ASSEMBLY, UNIVERSAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242616	Ref	AUGER DRIVE ASSEMBLY, UNIVERSAL	C
1	90554074	1	Bolt	
2	90554070	1	Bolt	
3	70027774	8	Bolt	
4	90554042	8	Washer	
5	70027775	2	Nut	
6	70027776	4	Bolt	
7	1001093826	1	Dust Cap, Male	
8	1001093827	1	Dust Cap, Female	
9	70027777	5	Pin	
10	70029315	2	Hose	
11	70027781	1	Pin	
12	70027782	1	Pin	
13	70027783	3	Plate	
14	70027784	2	Block	
15	70027789	2	Hose	
16	70027788	2	Fitting	
17	70029696	1	Planetary Housing	
18	70029697	1	Motor	
19	70029314	1	Gasket	
20	70027779	1	Cast Swivel	
21	70027793	1	Planetary, Gearbox Assembly	
22	70027773	1	Bolt	
23	90554067	1	Washer	
24	70027780	1	Pin	
25	1001101042	1	Hydraulic Coupler, Female	
26	1001101041	1	Hydraulic Coupler, Male	
27	70027786	1	Decal, Warning	
28	70037787	2	Decal - Danger	
29	70029698	2	Washer	
30	70029699	1	Spring	
31	70029700	1	Seal	
32	See Note	NSS	Weldment (Note: Not Available for Purchase)	
33	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	

FIGURE 3-8. BALE SPEAR ASSEMBLY, STANDARD



ART_1001242517

FIGURE 3-8. BALE SPEAR ASSEMBLY, STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242517	Ref	BALE SPEAR ASSEMBLY, STANDARD	C
1	70029309	2	Bolt	
2	70029310	2	Nut	
3	90554016	1	Decal - USA	
4	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
5	See Note	NSS	Weldment (Note: Not Available for Purchase)	
6	70029313	2	Spear, Bale	

FIGURE 3-9. BALE SPEAR ASSEMBLY, UNIVERSAL

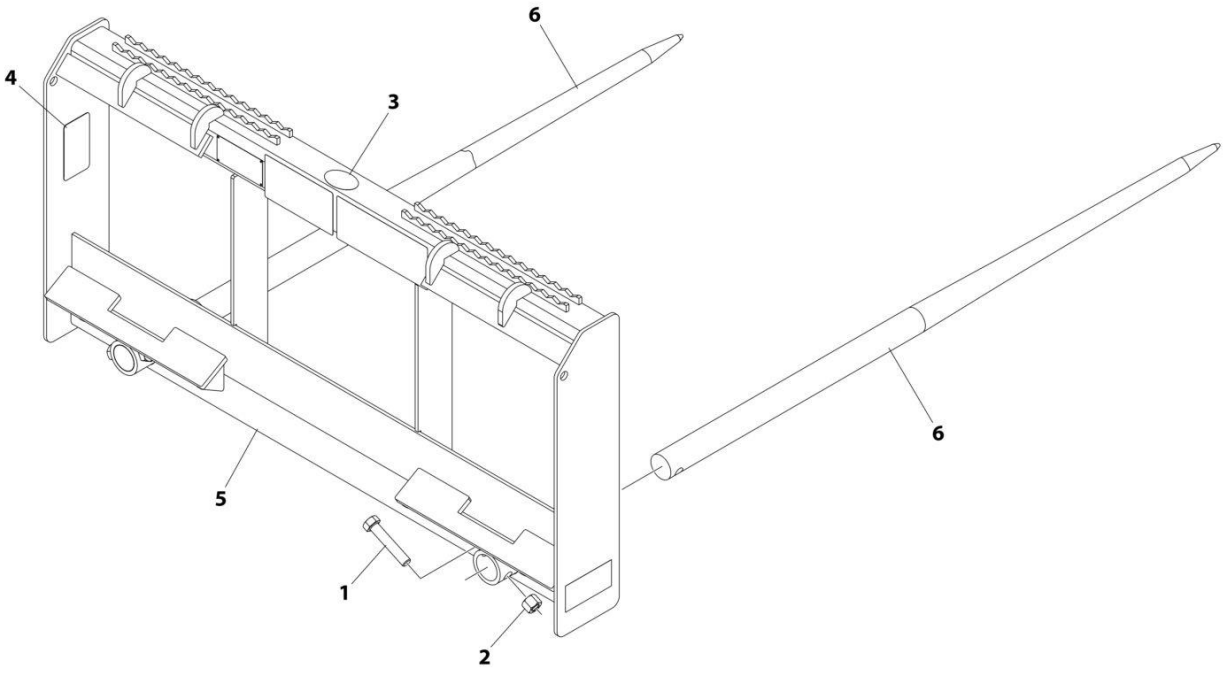


FIGURE 3-9. BALE SPEAR ASSEMBLY, UNIVERSAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242511	Ref	BALE SPEAR ASSEMBLY, UNIVERSAL	C
1	70029309	2	Bolt	
2	70029310	2	Nut	
3	90554016	1	Decal - USA	
4	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
5	See Note	NSS	Weldment (Note: Not Available for Purchase)	
6	70029313	2	Spear, Bale	

FIGURE 3-10. CARRIAGE ASSEMBLY, (50INCH/1270MM)

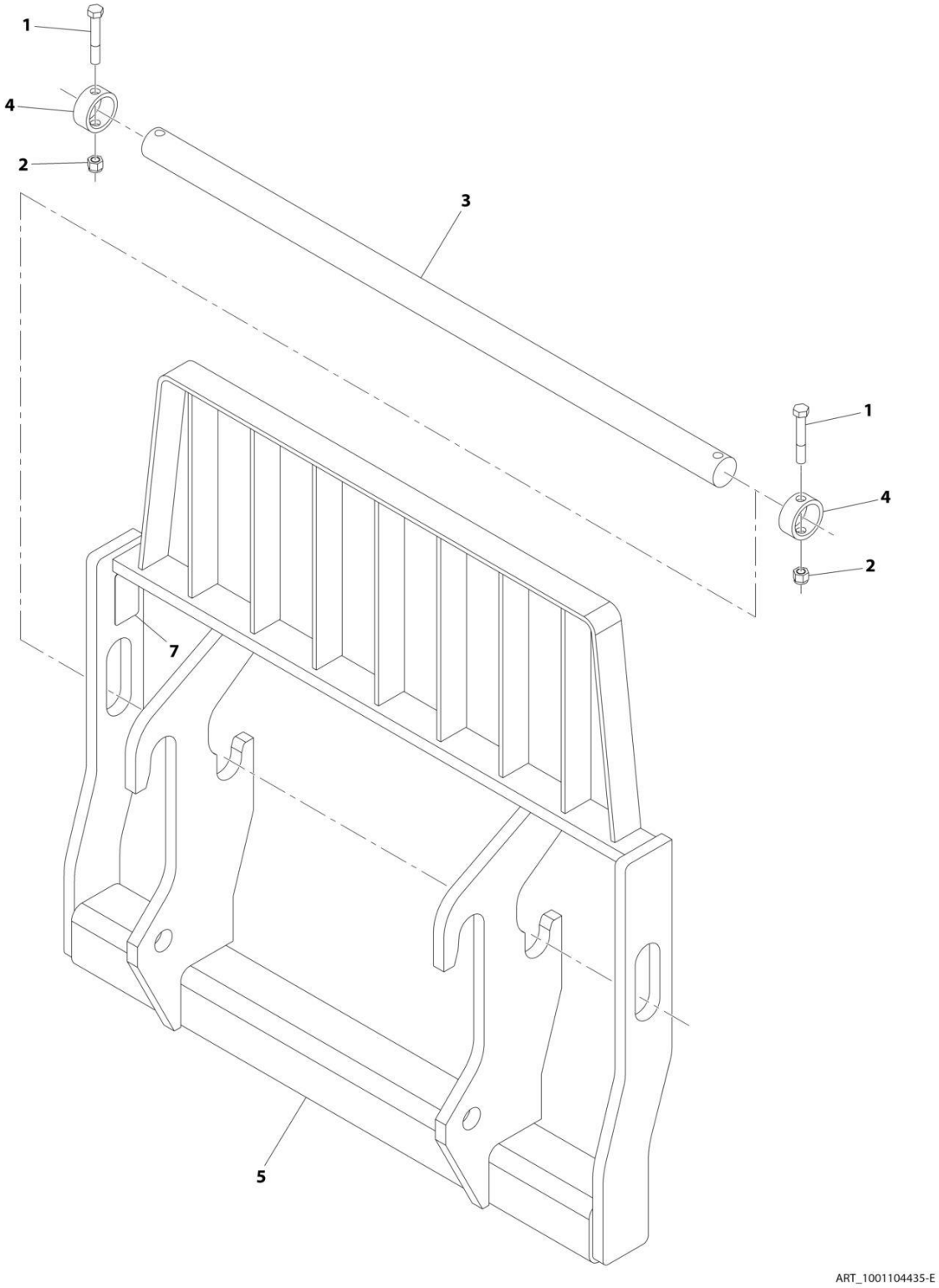


FIGURE 3-10. CARRIAGE ASSEMBLY, (50INCH/1270MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104435	Ref	Carriage Assembly, (50Inch/1270mm)	H
1	0642032	2	Hex HD Capscrew, 5/8-11X4	
2	3300240	2	Locknut, 5/8-11	
3	3423275	1	Fork Pin	
4	90200003	2	Collar	
5	N.S.S.	1	Carriage Weldment	
7	N.S.S.	1	S/N Plate	

FIGURE 3-11. CARRIAGE ASSEMBLY, UNIVERSAL QUICK ATTACH, (48IN/1219.2MM)

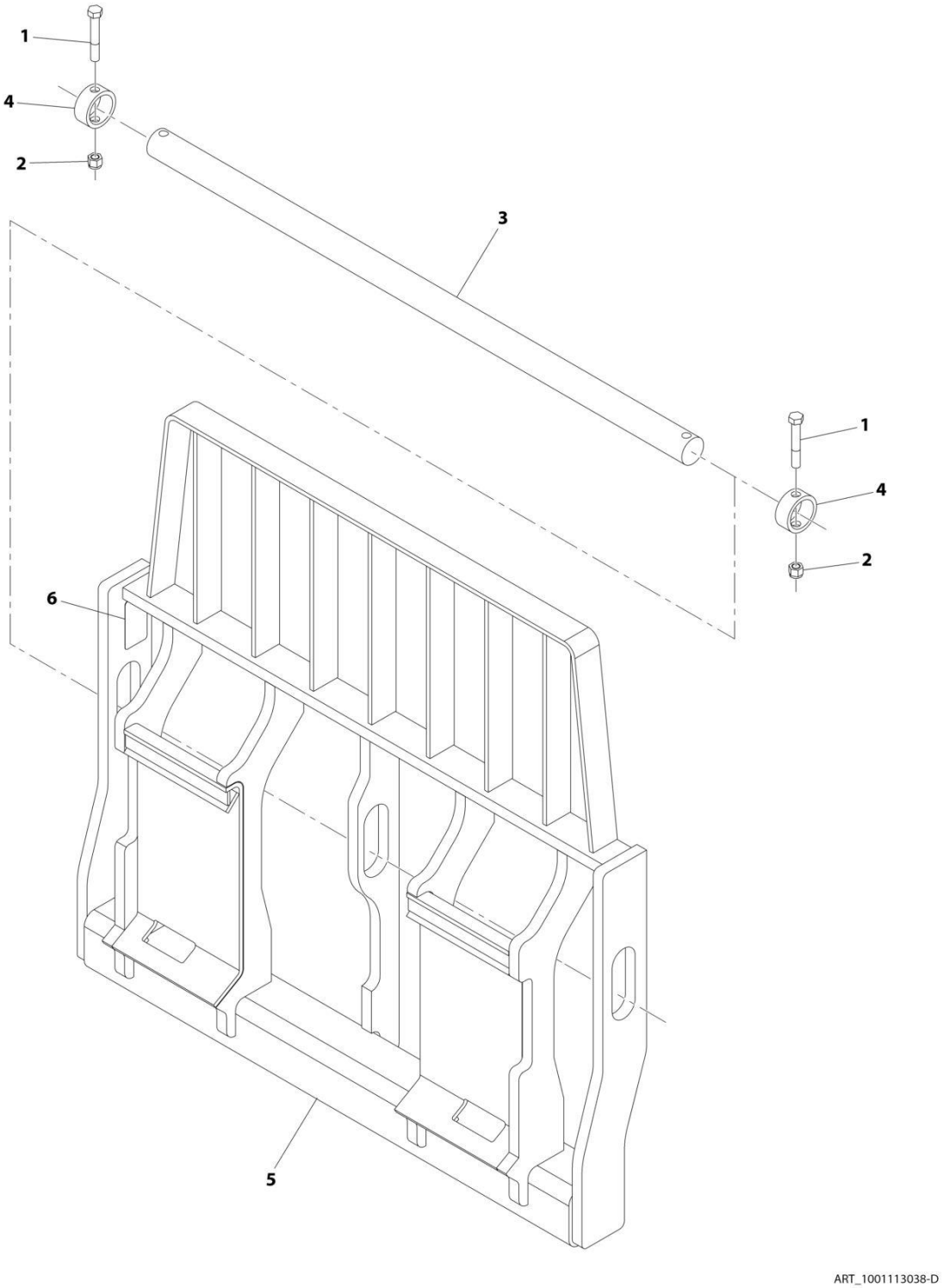


FIGURE 3-11. CARRIAGE ASSEMBLY, UNIVERSAL QUICK ATTACH, (48IN/1219.2MM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001113038	Ref	Carriage Assembly, Universal Quick Attach, (48Inch/1219.2mm)	D
1	0642032	2	Hex HD Capscrew, 5/8-11X4, GR5	
2	3300240	2	Locknut, 5/8-11	
3	3423275	1	Fork Pin	
4	90200003	2	Collar	
5	N.S.S.	1	Carriage Weldment	
6	N.S.S.	1	S/N Plate	

FIGURE 3-12. CARRIAGE, SIDE TILT, (48IN)

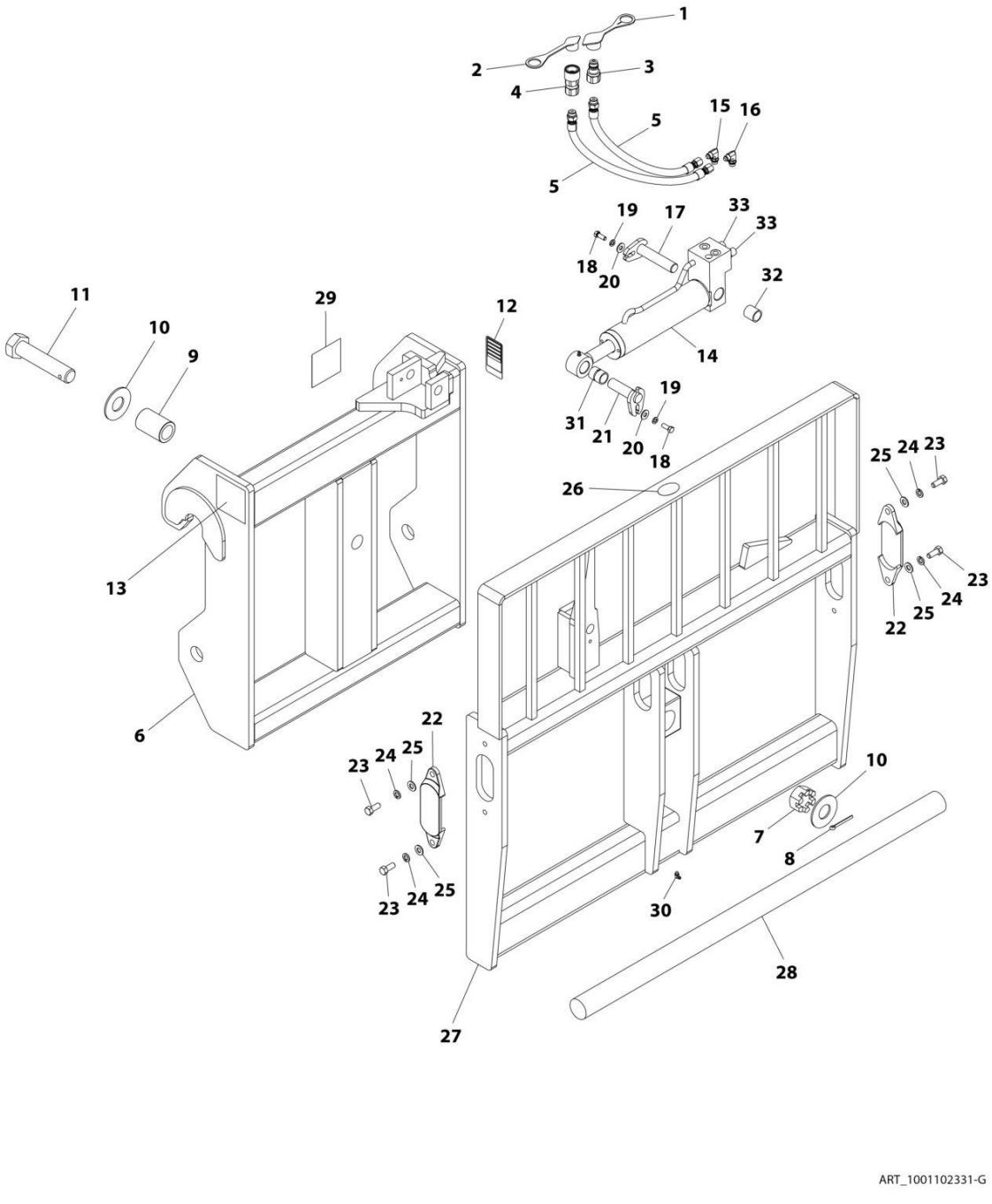


FIGURE 3-12. CARRIAGE, SIDE TILT, (48IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102331	Ref	Carriage, Side Tilt (48in)	I
1	1001003475	1	Dust Cap, Male	
2	1001003474	1	Plug, Dust, Female	
3	7029692	1	Hydraulic Couplier, Male	
4	70021342	1	Hydraulic Couplier, Female	
5	70021343	2	Hose	
6	N.S.S.	1	Rear Frame Weldment	
7	7029713	1	Nut	
8	7029700	1	Pin, Cotter	
9	70021345	1	Spacer	
10	70021346	2	Washer	
11	70021347	1	Bolt	
12	N.S.S.	1	Serial Tag	
13	90554017	1	Decal	
14	70021363	1	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	90554065	1	Hydraulic Fitting	
16	7029705	1	Hydraulic Fitting	
17	70021348	1	Pin	
18	70021349	2	Bolt	
19	90554042	2	Washer, Lock	
20	70021350	2	Washer	
21	70021351	1	Pin	
22	7029690	2	Fork Pin Retainer	
23	7029691	4	Bolt	
24	90554020	4	Washer, Lock	
25	70021338	4	Washer	
26	90554016	1	Decal	
27	N.S.S.	1	Front Frame	
28	70022105	1	Fork Pin	
29	7029711	1	Decal	
30	70022106	1	Zerk, Grease	
31	70021447	1	Bushing	
32	70021448	2	Bushing	
33	70021464	2	Valve	

FIGURE 3-13. CARRIAGE, SIDE TILT, UNIVERSAL QUICK ATTACH, (48IN)

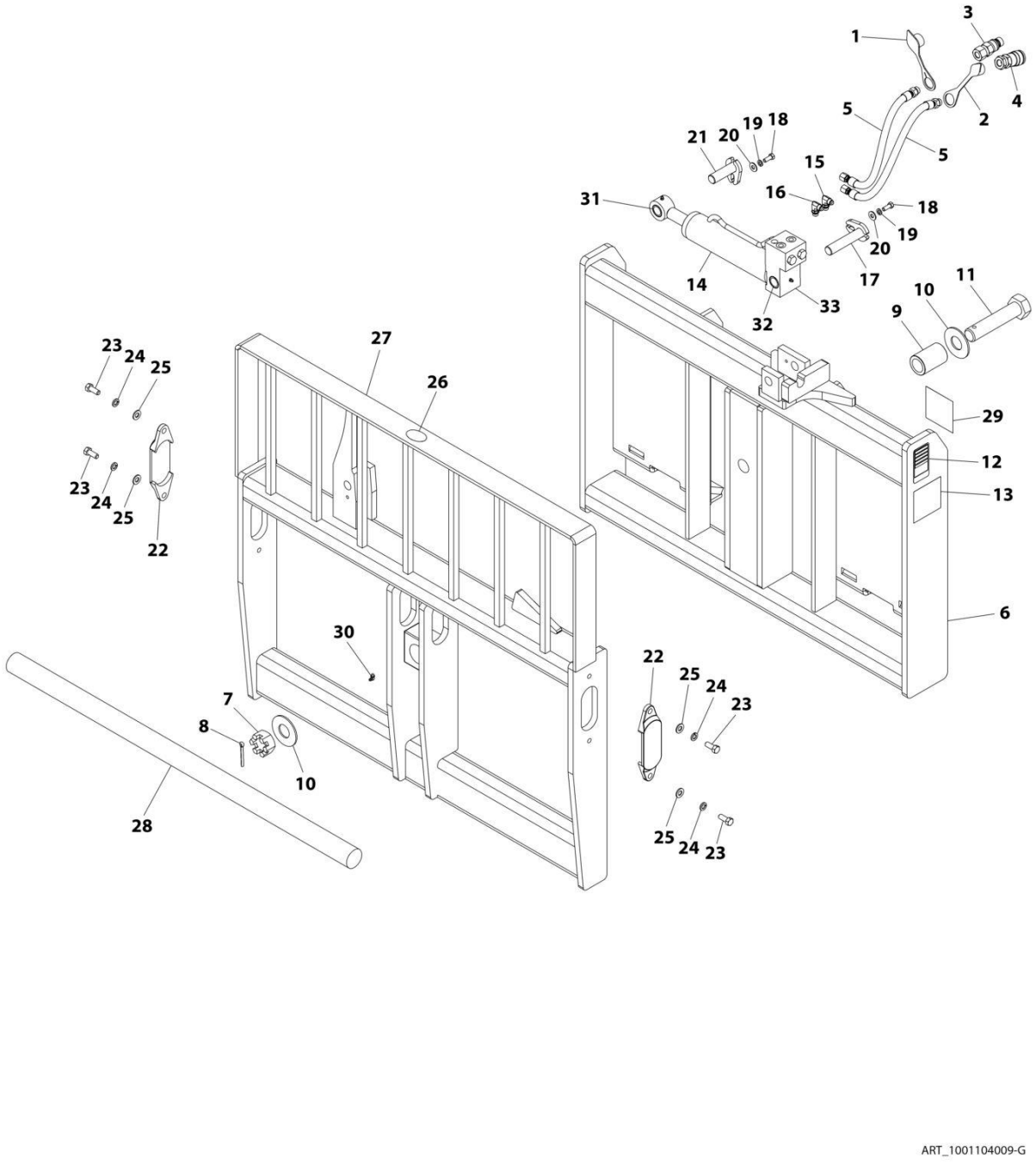


FIGURE 3-13. CARRIAGE, SIDE TILT, UNIVERSAL QUICK ATTACH, (48IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104009	Ref	Carriage, Side Tilt, Universal Quick Attach (48in)	I
1	70022097	1	Dust Cap, Male	
2	70022102	1	Plug, Dust, Female	
3	70022103	1	Hydraulic Couplier, Male	
4	70022104	1	Hydraulic Couplier, Female	
5	70021343	2	Hose	
6	N.S.S.	1	Rear Frame Weldment	
7	7029713	1	Nut	
8	7029700	1	Pin, Cotter	
9	70021345	1	Spacer	
10	70021346	2	Washer	
11	70021347	1	Bolt	
12	N.S.S.	1	Serial Tag	
13	90554017	1	Decal	
14	70021363	1	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	90554065	1	Hydraulic Fitting	
16	7029705	1	Hydraulic Fitting	
17	70021348	1	Pin	
18	70021349	2	Bolt	
19	90554042	2	Washer, Lock	
20	70021350	2	Washer	
21	70021351	1	Pin	
22	7029690	2	Fork Pin Retainer	
23	7029691	4	Bolt	
24	90554020	4	Washer, Lock	
25	70021338	4	Washer	
26	90554016	1	Decal	
27	N.S.S.	1	Front Frame	
28	70022105	1	Fork Pin	
29	7029711	1	Decal	
30	70022106	1	Zerk, Grease	
31	70021447	1	Bushing	
32	70021448	2	Bushing	
33	70021464	2	Valve	

FIGURE 3-14. CARRIAGE, SIDE SHIFT (48IN)

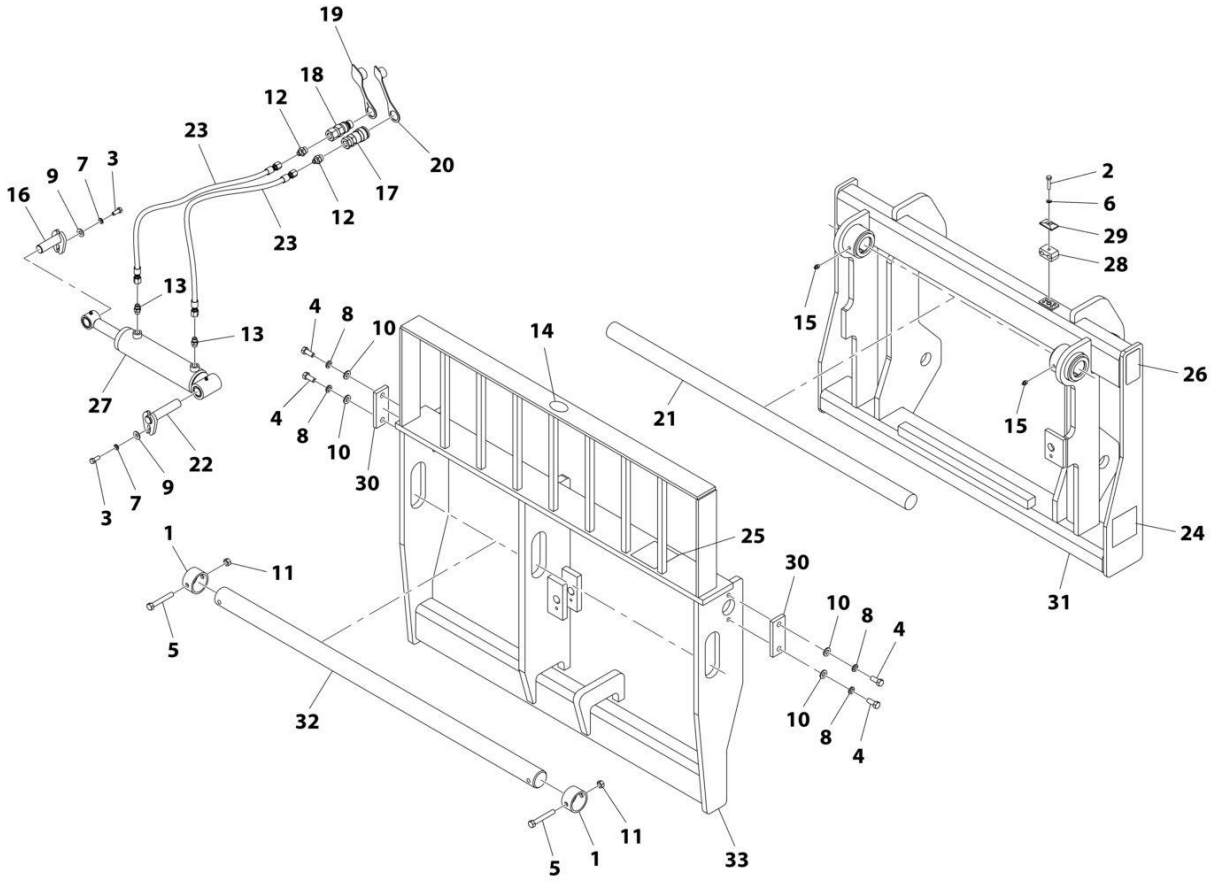


FIGURE 3-14. CARRIAGE, SIDE SHIFT (48IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242501	Ref	CARRIAGE, SIDE SHIFT (48IN)	C
1	70020028	2	Fork Pin Retainer	
2	70029502	1	Bolt	
3	70021349	2	Bolt	
4	70027989	4	Bolt	
5	70020002	2	Bolt	
6	90554067	1	Washer	
7	90554042	2	Washer	
8	90554020	4	Washer	
9	70021350	2	Washer	
10	70021338	4	Washer	
11	70027642	2	Nut	
12	70021397	2	Fitting	
13	70021415	2	Fitting	
14	90554016	1	Decal	
15	7029714	2	Fitting, Grease	
16	70021351	1	Pin	
17	1001001240	1	Hydraulic Coupler, Female	
18	1001001241	1	Hydraulic Coupler, Male	
19	1001003475	1	Dust Cap, Male	
20	1001003474	1	Plug, Dust, Female	
21	70022111	1	Fork Pin	
22	70022110	1	Pin	
23	70022107	1	Hose	
24	90554017	2	Decal	
25	7029711	1	Decal	
26	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
27	70022108	1	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
28	70029503	1	Clamp	
29	70029505	1	Clamp	
30	70022112	2	Plate, Retainer	
31	See Note	NSS	Rear Frame (Note: Not Available for Purchase)	
32	70029504	1	Fork Pin	
33	See Note	NSS	Main Frame (Note: Not Available for Purchase)	

FIGURE 3-15. CARRIAGE, SIDE SHIFT, UNIVERSAL QUICK ATTACH, (48IN)

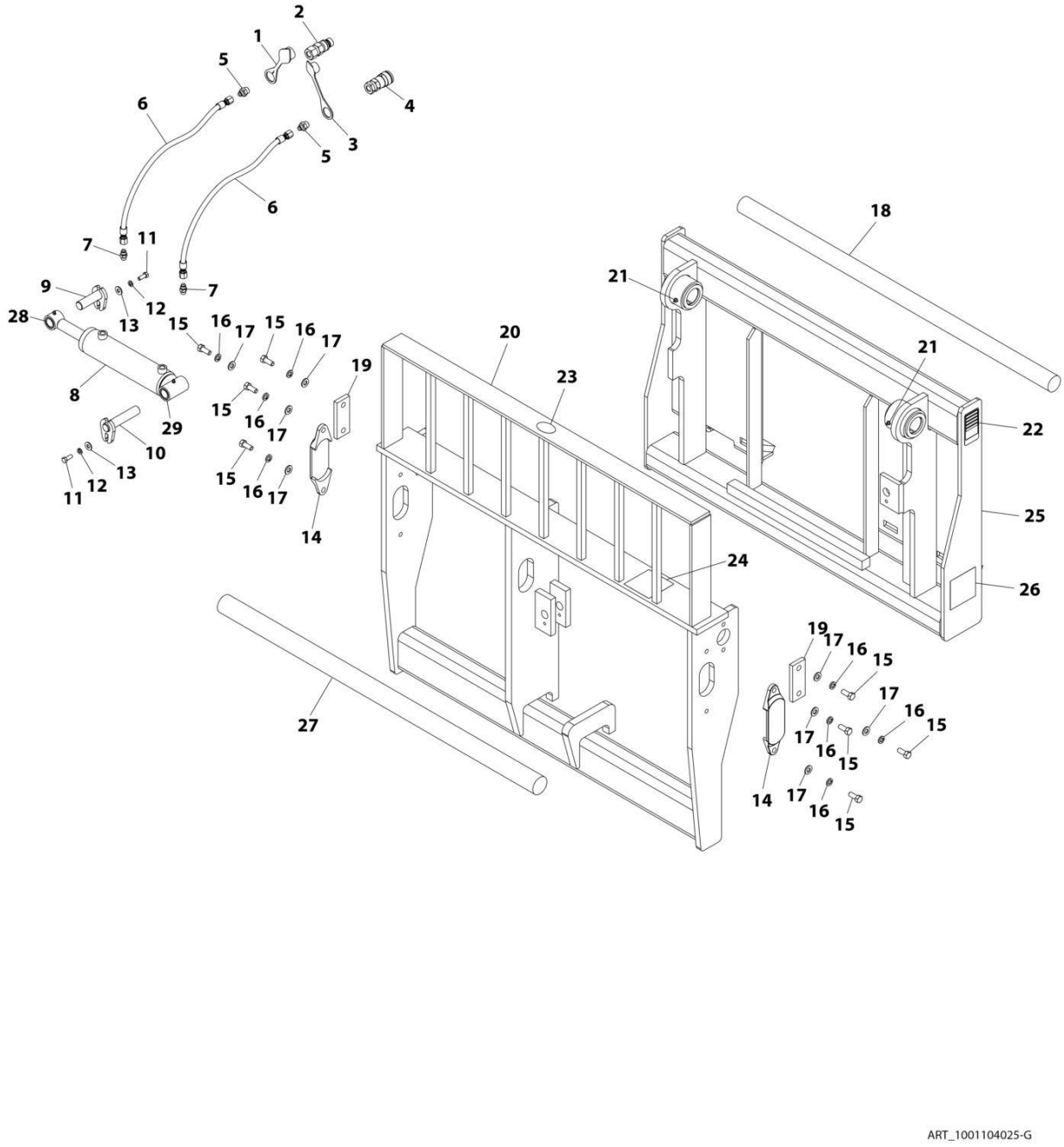


FIGURE 3-15. CARRIAGE, SIDE SHIFT, UNIVERSAL QUICK ATTACH, (48IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104025	Ref	Carriage, Side Shift, Universal Quick Attach (48in)	I
1	70022097	1	Dust Cap, Male	
2	70022103	1	Hydraulic Couplier, Male	
3	70022102	1	Plug, Dust, Female	
4	70022104	1	Hydraulic Couplier, Female	
5	70021397	2	Hydraulic Fitting	
6	70022107	2	Hose	
7	70021415	2	Hydraulic Fitting	
8	70022108	1	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
9	70021351	1	Pin	
10	70022110	1	Pin	
11	70021349	2	Bolt	
12	90554042	2	Washer, Lock	
13	70021350	2	Washer	
14	7029690	2	Fork Pin Retainer	
15	70027989	8	Bolt	
16	90554020	8	Washer, Lock	
17	70021338	4	Washer	
18	70022111	1	Fork Pin	
19	70022112	2	Pin Retainer Bar	
20	N.S.S.	1	Front Frame	
21	7029714	2	Zerk, Grease	
22	N.S.S.	1	Serial Tag	
23	70050641	1	Decal	
24	7029711	1	Decal	
25	N.S.S.	1	Rear Frame	
26	90554017	2	Decal	
27	70022105	1	Fork Pin	
28	70021447	1	Bushing	
29	70021448	2	Bushing	

FIGURE 3-16. CARRIAGE ASSEMBLY - FORK POSITIONING STANDARD (48IN)

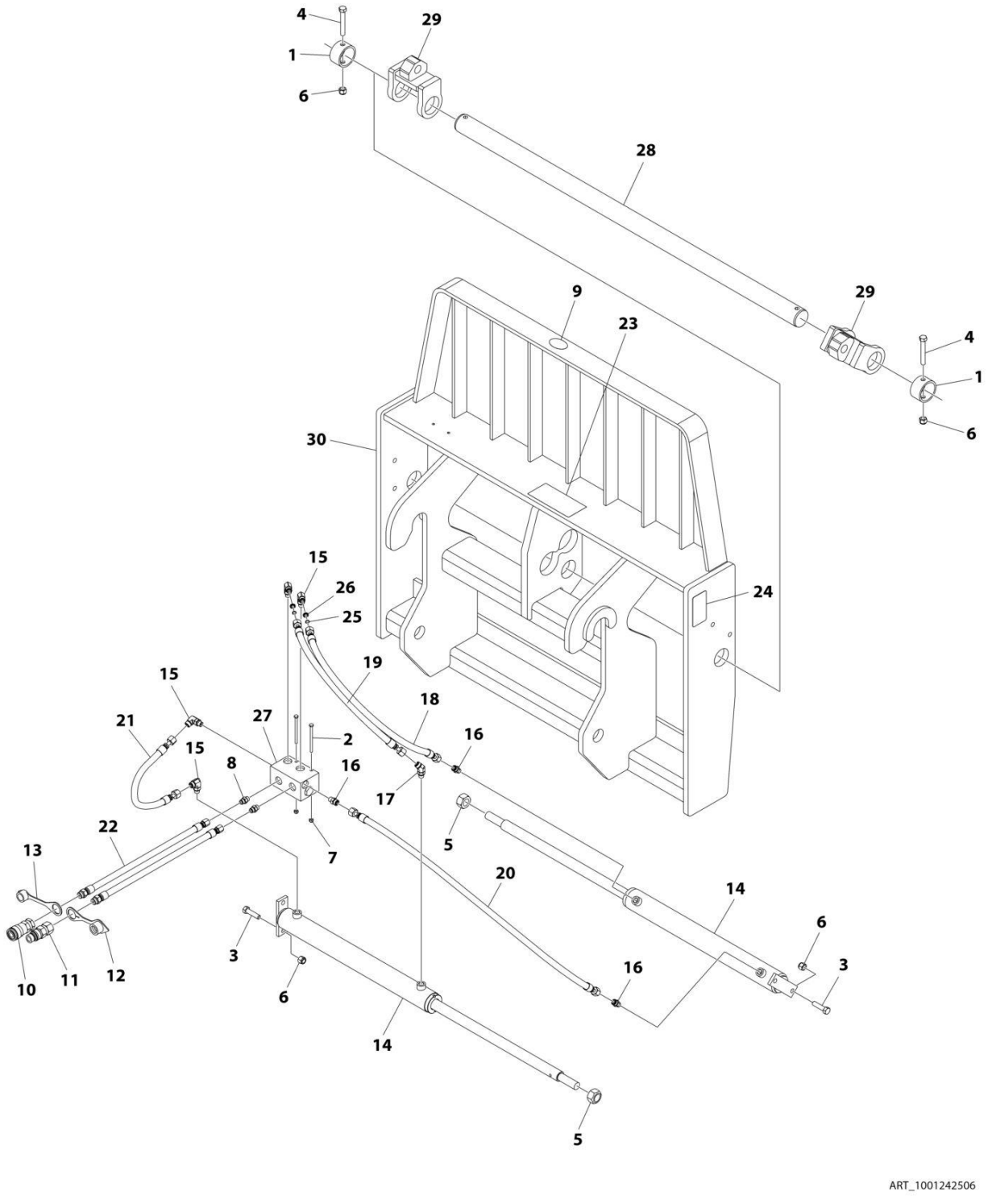


FIGURE 3-16. CARRIAGE ASSEMBLY - FORK POSITIONING STANDARD (48IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242506	Ref	CARRIAGE ASSEMBLY - FORK POSITIONING STANDARD (48IN)	C
1	70020028	2	Retainer, Pin	
2	70028519	2	Bolt	
3	90554019	4	Bolt	
4	70020002	2	Bolt	
5	70021440	2	Nut	
6	70028523	6	Nut	
7	70028524	2	Nut	
8	70021415	2	Hydraulic Fitting	
9	90554016	1	Decal	
10	1001001240	1	Hydraulic Coupler, Female	
11	1001001241	1	Hydraulic Coupler, Male	
12	1001003475	1	Dust Cap, Male	
13	1001003474	1	Plug, Dust, Female	
14	2717283	2	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	70028525	4	Hydraulic Fitting	
16	70028486	3	Hydraulic Fitting	
17	70029495	1	Hydraulic Fitting	
18	70029052	1	Hose	
19	70029046	2	Hose	
20	70029496	1	Hose	
21	70029492	1	Hose	
22	70026702	2	Hose	
23	70028530	1	Decal	
24	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
25	70028531	2	O-Ring	
26	70028520	2	Orifice	
27	70028521	1	Valve	
28	70027283	1	Pin Fork	
29	70029497	2	Clevis	
30	See Note	NSS	Weldment (Note: Not Available for Purchase)	

FIGURE 3-17. CARRIAGE ASSEMBLY - FORK POSITIONING UNIVERSAL (48IN)

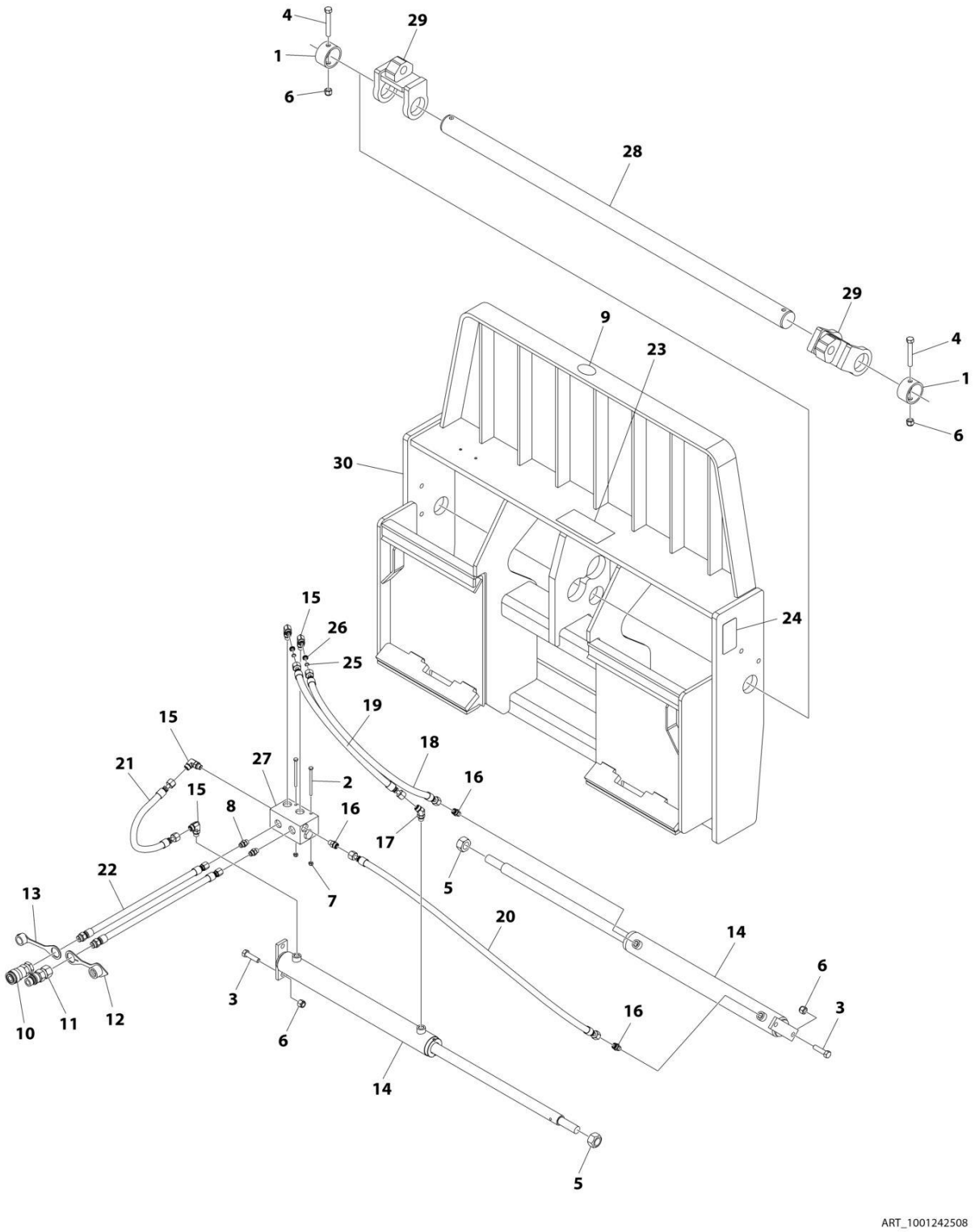
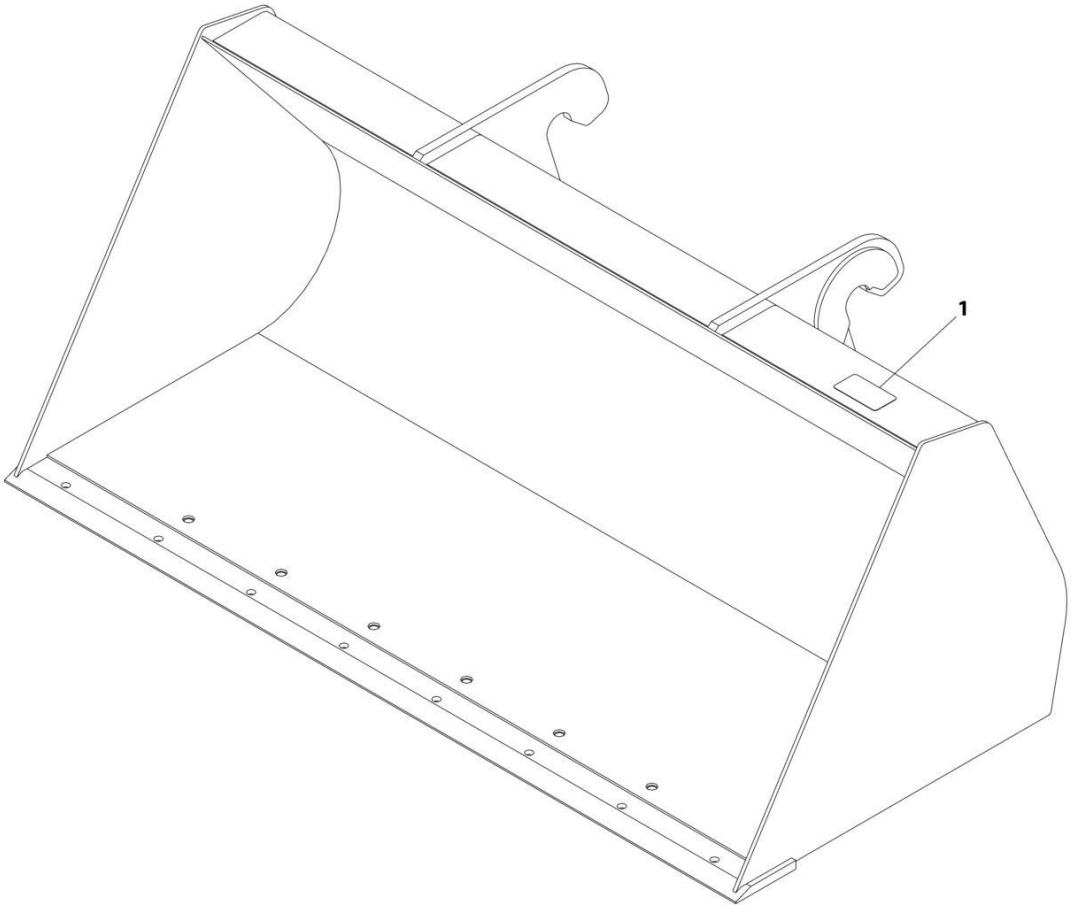


FIGURE 3-17. CARRIAGE ASSEMBLY - FORK POSITIONING UNIVERSAL (48IN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242508	Ref	CARRIAGE ASSEMBLY - FORK POSITIONING UNIVERSAL, (48IN)	C
1	70020028	2	Retainer, Pin	
2	70028519	2	Bolt	
3	90554019	4	Bolt	
4	70020002	2	Bolt	
5	70021440	2	Nut	
6	70028523	6	Nut	
7	70028524	2	Nut	
8	70021415	2	Hydraulic Fitting	
9	90554016	1	Decal	
10	1001001240	1	Hydraulic Coupler, Female	
11	1001001241	1	Hydraulic Coupler, Male	
12	1001003475	1	Dust Cap, Male	
13	1001003474	1	Plug, Dust, Female	
14	2717283	2	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	70028525	4	Hydraulic Fitting	
16	70028486	3	Hydraulic Fitting	
17	70029495	1	Hydraulic Fitting	
18	70029052	1	Hose	
19	70029046	2	Hose	
20	70029496	1	Hose	
21	70029492	1	Hose	
22	70026702	2	Hose	
23	70028530	1	Decal	
24	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
25	70028531	2	O-Ring	
26	70028520	2	Orifice	
27	70028521	1	Valve	
28	70027283	1	Pin Fork	
29	70029497	2	Clevis	
30	See Note	NSS	Weldment (Note: Not Available for Purchase)	

FIGURE 3-18. LIGHT MATERIAL BUCKET, (72INCH) (1.0 YD³/0.76 M³)

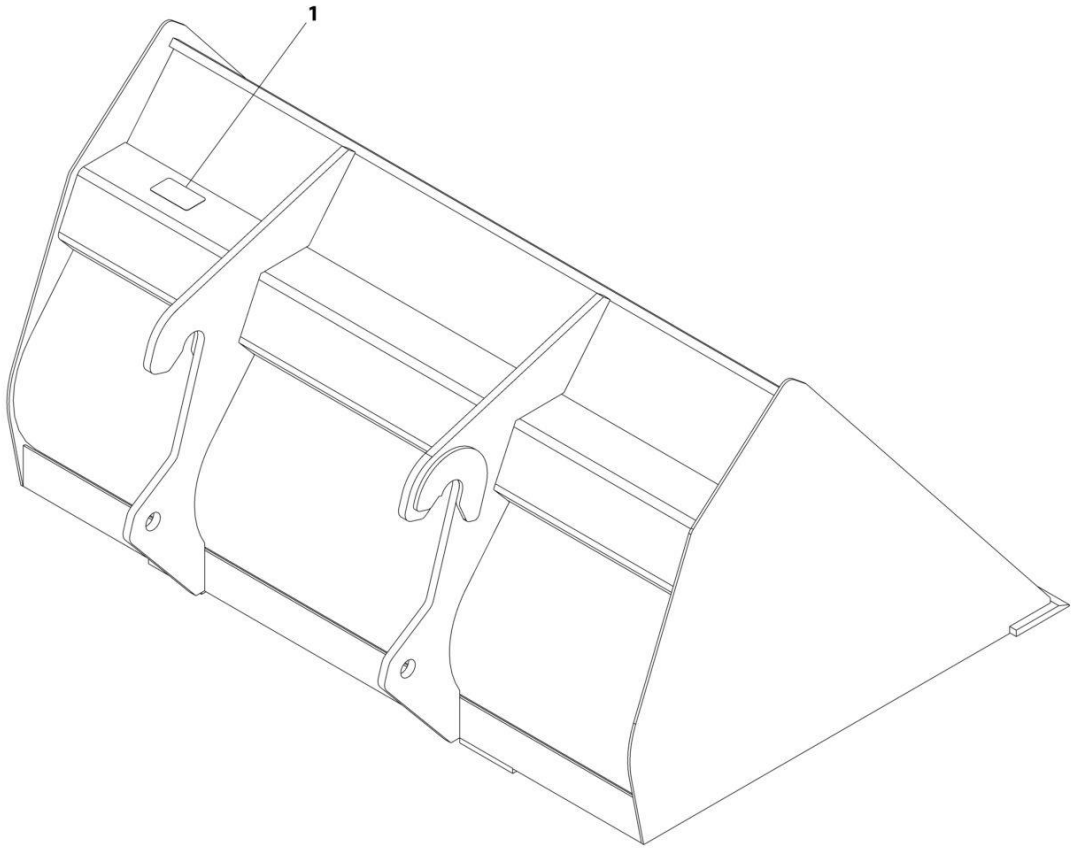


ART_1001102324-F

FIGURE 3-18. LIGHT MATERIAL BUCKET, (72INCH) (1.0 YD³/0.76 M³)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102324	Ref	Light Material Bucket (72Inch) (1.0 yd³/0.76 m³)	I
	N.S.S.	1	S/N Plate	

FIGURE 3-19. LIGHT MATERIAL BUCKET, (72INCH) (1.7 YD³/1.29 M³)



ART_1001102323-F

FIGURE 3-19. LIGHT MATERIAL BUCKET, (72INCH) (1.7 YD³/1.29 M³)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102323	Ref	Light Material Bucket (72Inch) (1.7 yd³/1.29 m³)	I
1	N.S.S.	1	S/N Plate	

FIGURE 3-20. MULTI-PURPOSE GRAPPLE BUCKET (1850MM) (ANSI - JLG)

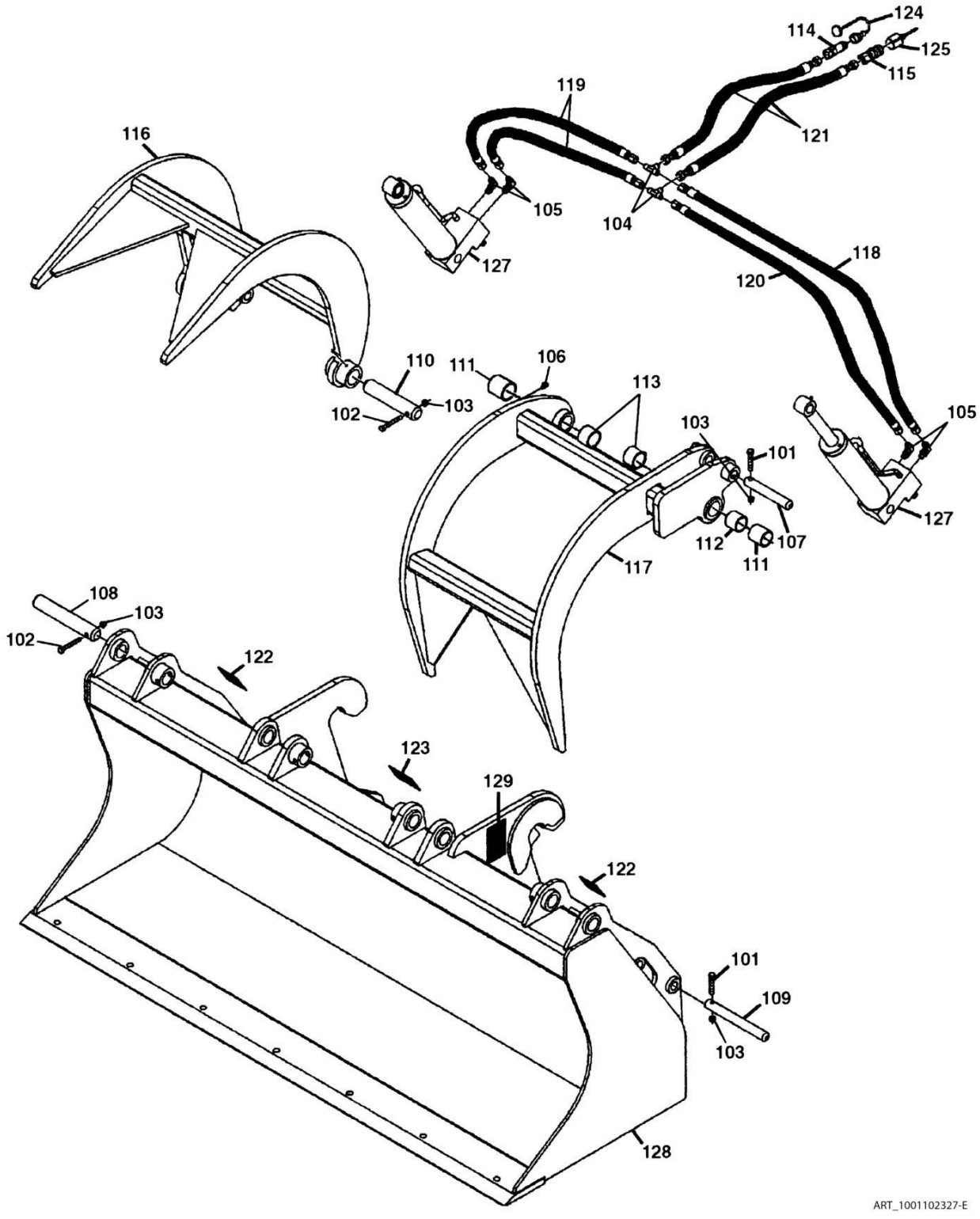


FIGURE 3-20. MULTI-PURPOSE GRAPPLE BUCKET (1850MM) (ANSI - JLG)

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

FIGURE 3-21. UNIVERSAL HITCH ATTACHMENT

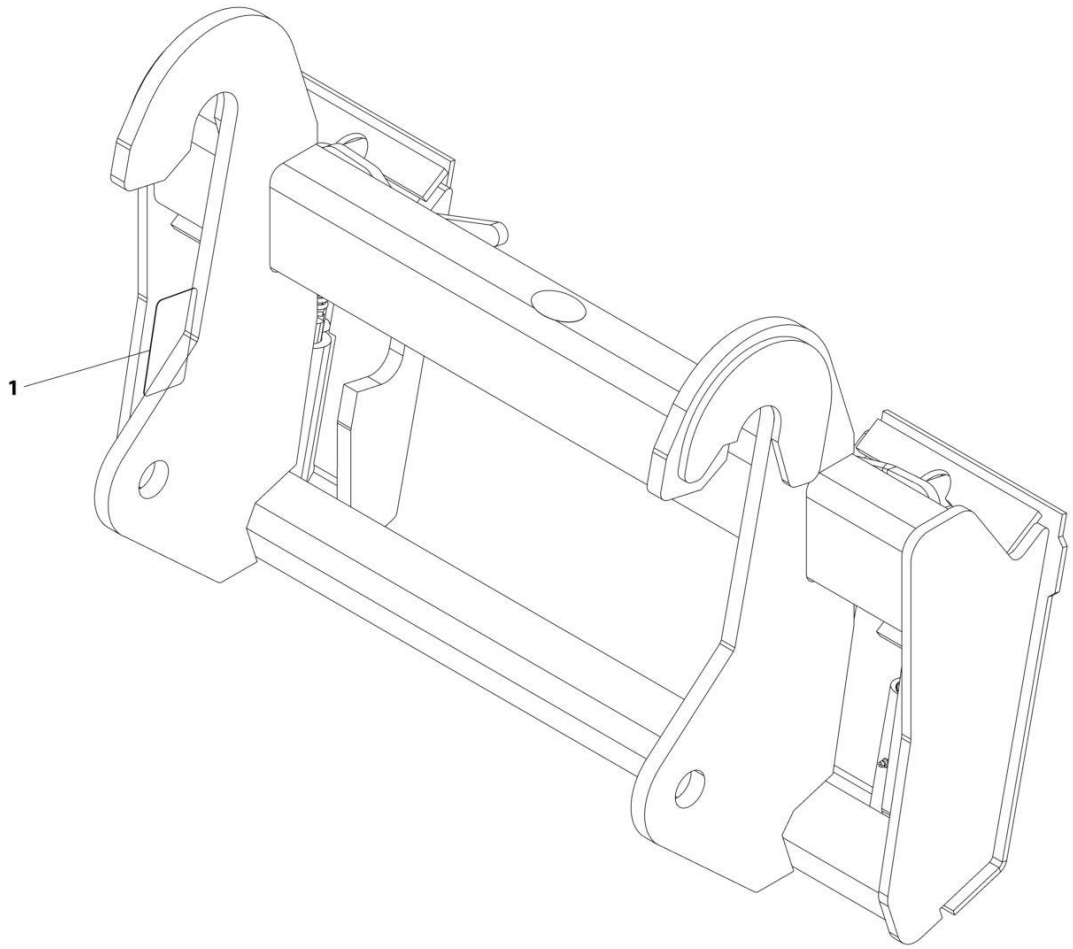


FIGURE 3-21. UNIVERSAL HITCH ATTACHMENT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001272548	Ref	UNIVERSAL HITCH ATTACHMENT	C
1	N.S.S.	1	S/N Plate	

FIGURE 3-22. PALLET FORK (2X4X48)

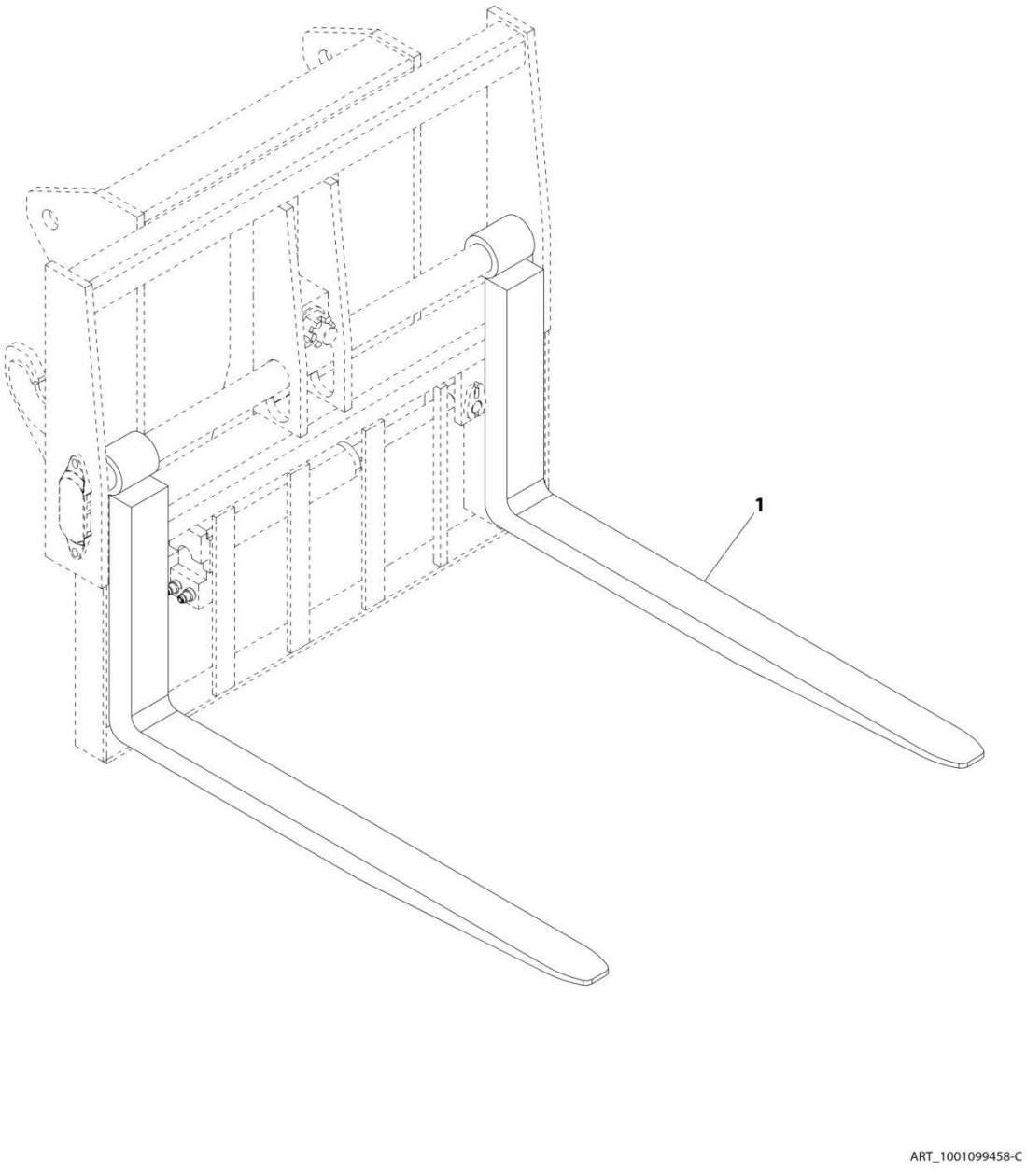


FIGURE 3-22. PALLET FORK (2X4X48)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001099458	Ref	Pallet Fork (2X4X48)	C
	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-23. FORK MOUNTED HOOK (4 TON)

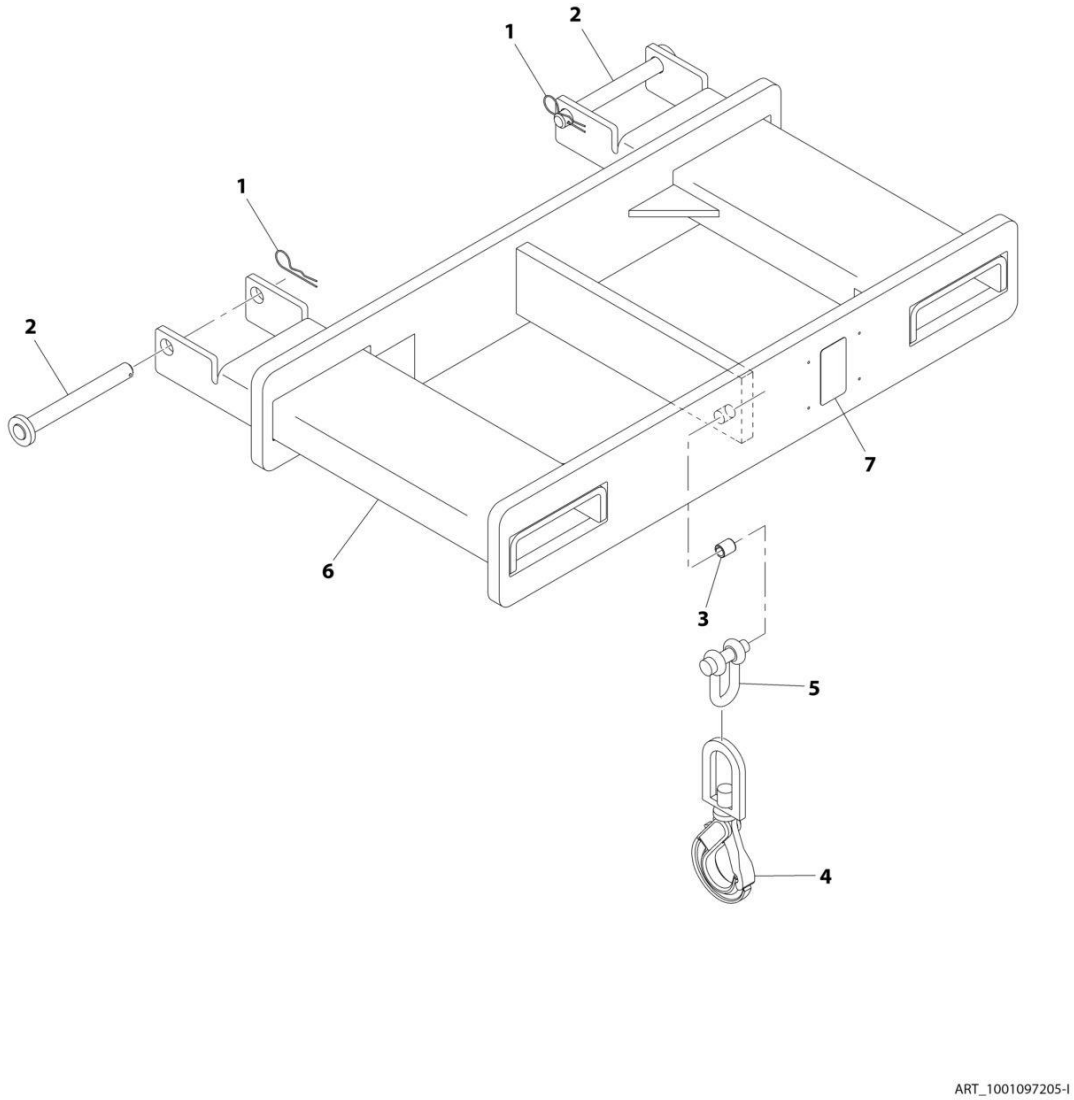


FIGURE 3-23. FORK MOUNTED HOOK (4 TON)

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

FIGURE 3-24. LIFTING HOOK ASSEMBLY, STANDARD

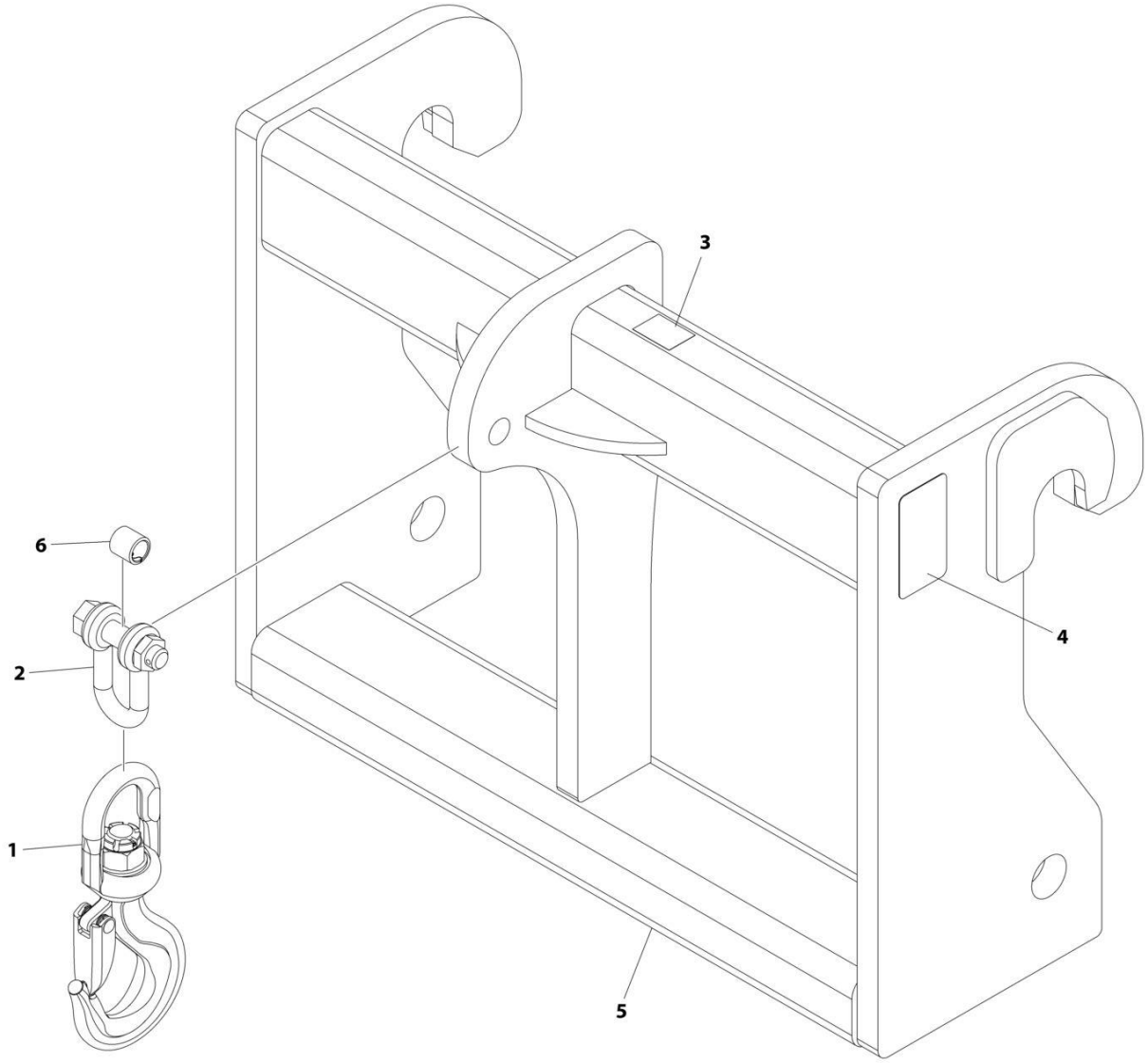


FIGURE 3-24. LIFTING HOOK ASSEMBLY, STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242509	Ref	LIFTING HOOK ASSEMBLY, STANDARD	C
1	90554080	1	Hook, Swivel	
2	7029521	1	Chain, Shackle	
3	90554016	1	Decal - USA	
4	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
5	See Note	NSS	Weldment (Note: Not Available for Purchase)	
6	70029498	1	Bushing	

FIGURE 3-25. LIFTING HOOK ASSEMBLY, UNIVERSAL

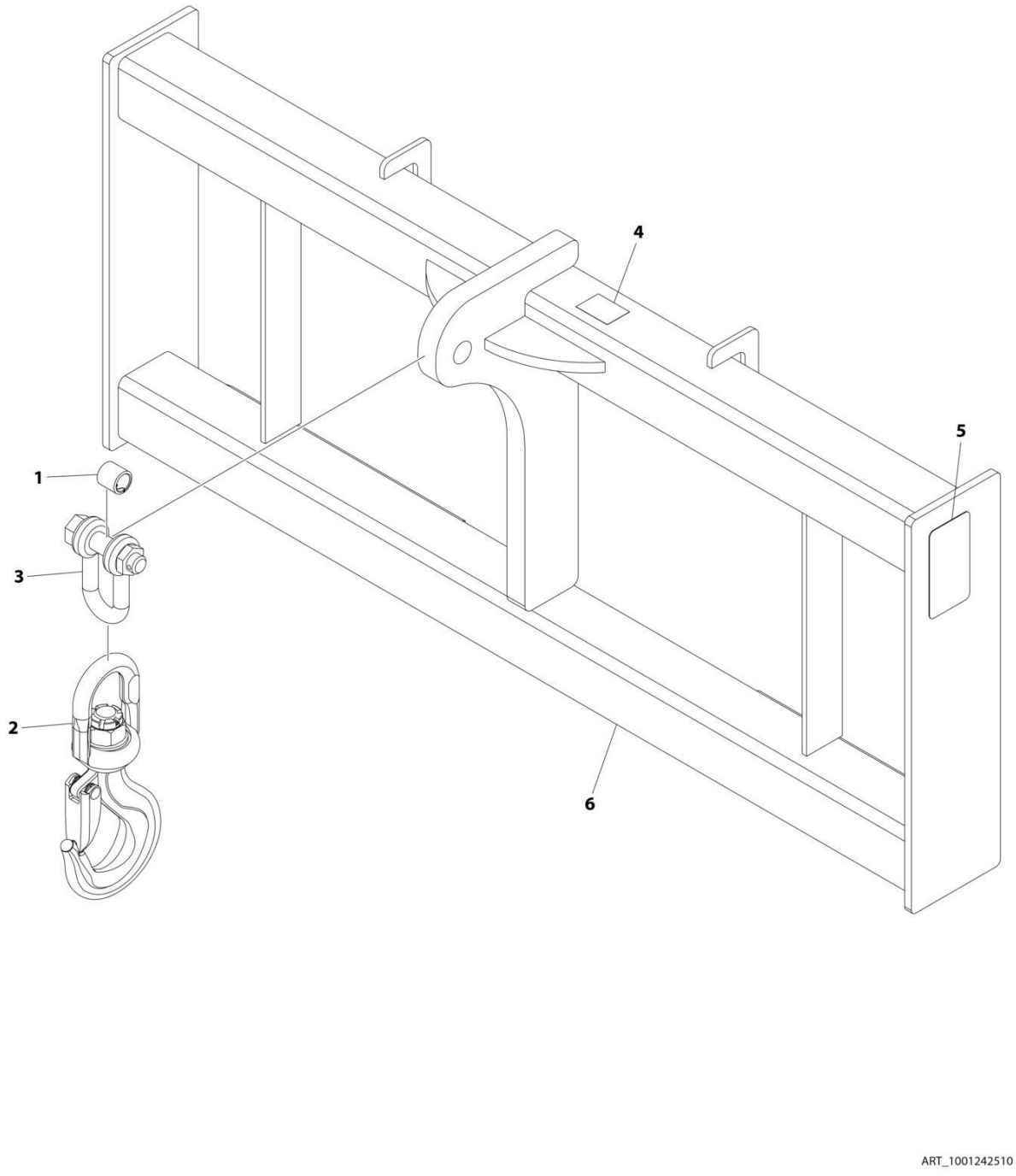


FIGURE 3-25. LIFTING HOOK ASSEMBLY, UNIVERSAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242510	Ref	LIFTING HOOK ASSEMBLY, UNIVERSAL	C
1	70029498	1	Bushing	
2	90554080	1	Hook, Swivel	
3	7029521	1	Chain, Shackle	
4	90554016	1	Decal - USA	
5	See Note	NSS	Serial Tag (Note: Not Available for Purchase)	
6	See Note	NSS	Weldment (Note: Not Available for Purchase)	

FIGURE 3-26. BOLT-ON EDGE ASSEMBLY, 72"

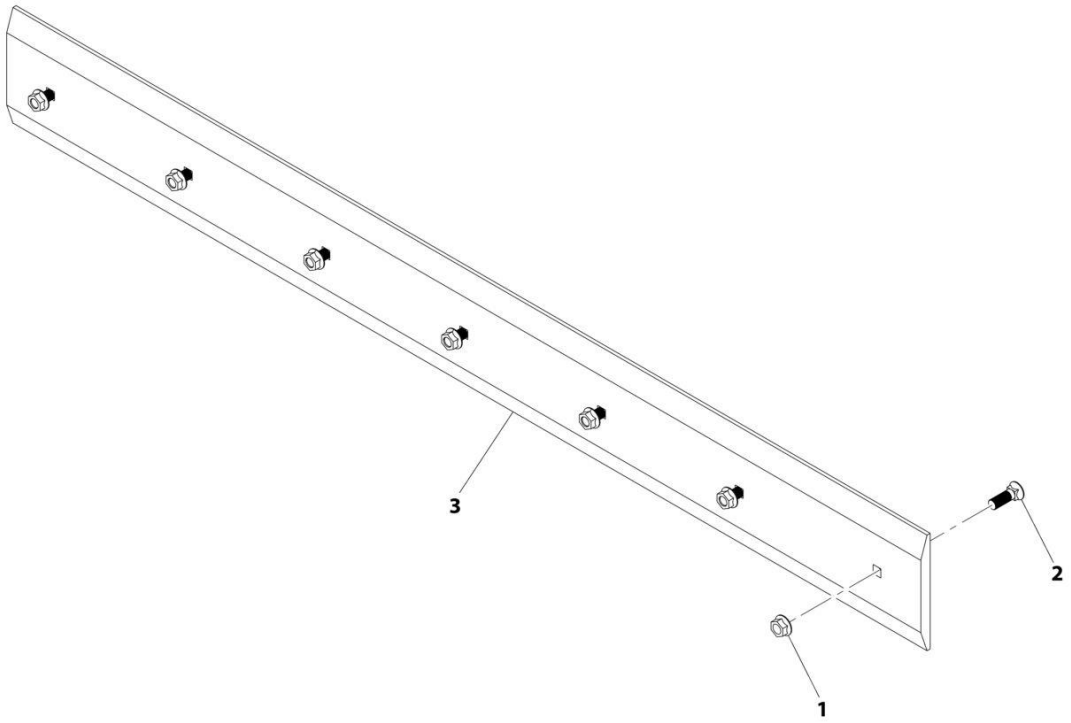


FIGURE 3-26. BOLT-ON EDGE ASSEMBLY, 72"

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001162898	1	Bolt-On Edge Assembly, 72"	A

FIGURE 3-27. HYDRAULIC QUICK SWITCH INSTALLATION

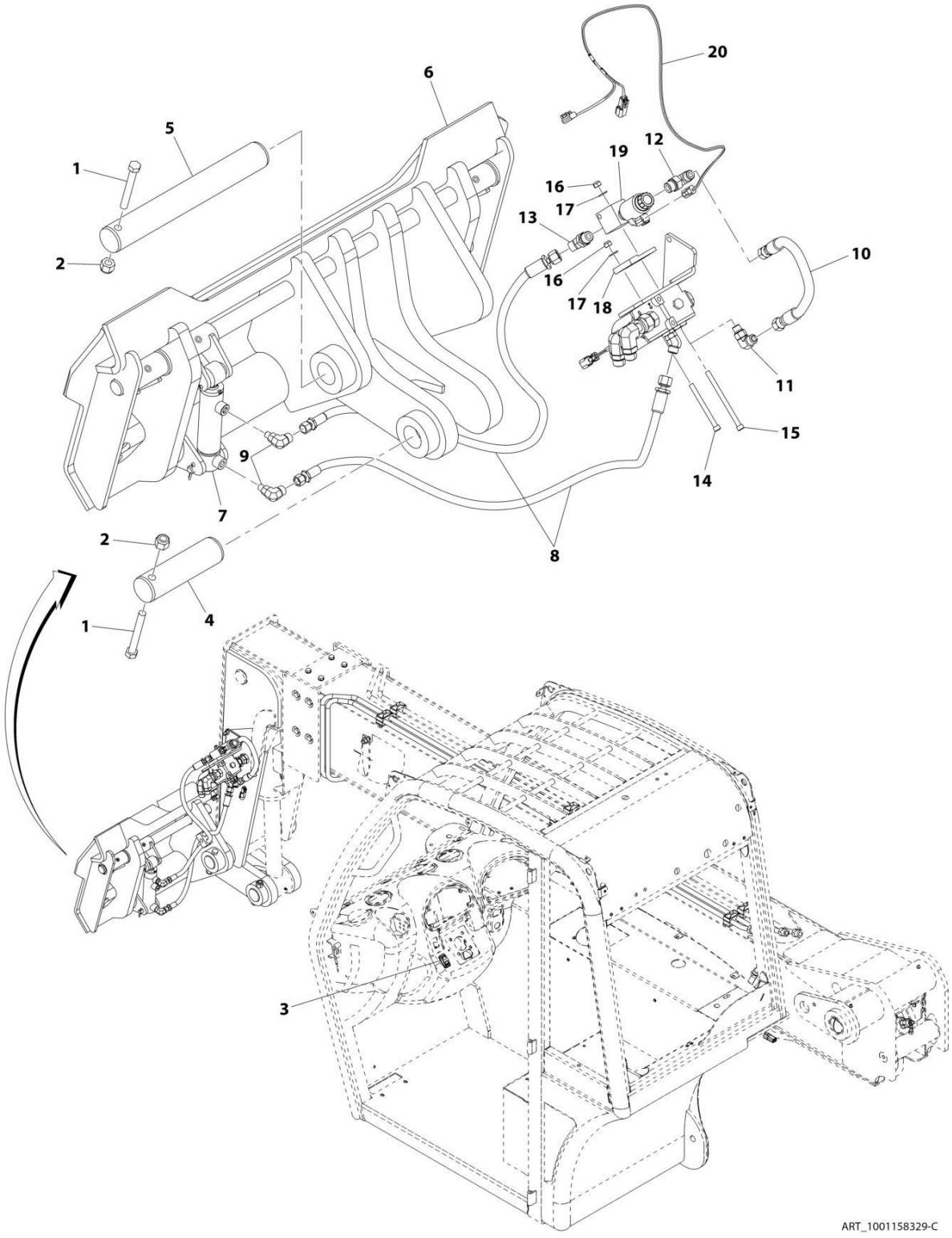


FIGURE 3-27. HYDRAULIC QUICK SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158329	Ref	Installtion, Hydraulic Quick Switch	C
1	0641832	2	Bolt, 1/2-13X4	
2	88521208	2	Nut, Lock 1/2-13	
3	1001080375	1	Switch	
4	1001097728	1	Pin, Fork	
5	1001097729	1	Pin, Pivot	
6	1001158352	1	Assembly, Quick Switch (See Separate Breakdown in this Section)	
7	1001160926	1	Cylinder, Fork Locking	
8	1001161759	2 in	Hose	
9	2130604	2	Fitting, 90	
10	1001137106	1	Hose	
11	2130606	1	Fitting, 90	
12	2130608	1	Fitting, 90	
13	2150608	1	Fitting	
14	3931556	1	Socket Screw, 5-16-18X3-1/2	
15	3931572	1	Socket Screw, 5-16X4.50	
16	8305626	2	Nut, Lock .312-18	
17	8307106	2	Washer, .312	
18	1001207768	1	Bracket, Valve	
19	1001207926	1	Assembly, Valve Block (See Separate Breakdown in Hydraulic Components Section)	
20	1001209009	1	Harness, Valve Jumper (See Separate Breakdown in Electrical Components Section)	

FIGURE 3-28. QUICK SWITCH ASSEMBLY

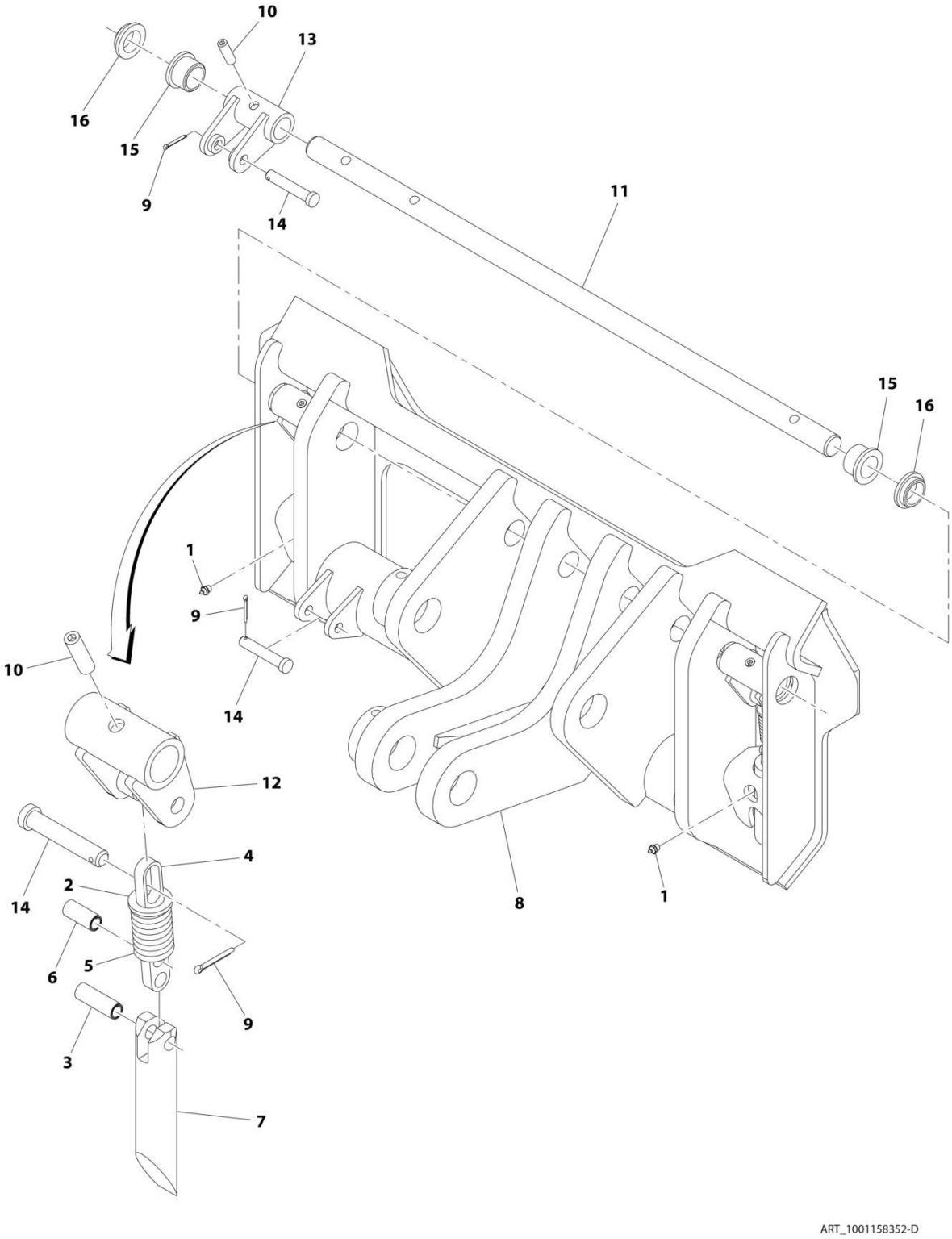
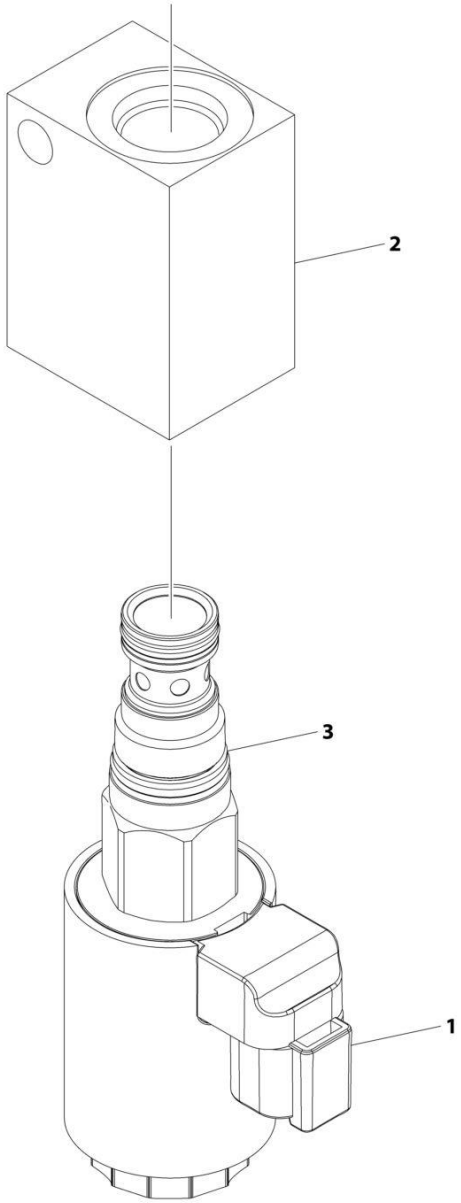


FIGURE 3-28. QUICK SWITCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158352	Ref	Quick Switch Assembly	D
1	1001008479	2	Grease Fitting	
2	1001009094	2	Washer	
3	1001061633	2	Spring Pin	
4	1001178059	2	Plate, Quick Switch	
5	1001061660	2	Spring	
6	1001061662	2	Spring Pin	
7	1001061891	2	Pin	
8	N.S.S.	1	Weldment, Quick Switch	
9	3391410	4	Split Pin	
10	3951814	3	Setscrew .50-13X1.75	
11	1001158330	1	Rod, Quick Switch	
12	1001158331	2	Support, Qucik Switch Link	
13	1001158336	1	Support, Quick Switch Cylinder	
14	1001161604	4	Lock Pin	
15	1001161606	2	Bushing	
16	1001161607	2	Bushing	

FIGURE 3-29. BLOCK VALVE ASSEMBLY



ART_1001207926_B

FIGURE 3-29. BLOCK VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207926	Ref	VALVE BLOCK ASSEMBLY	B
1	1001264879	1	Coil	
2	1001207924	1	Manifold	
3	1001264878	1	Vale, Poppet	

FIGURE 3-30. BASKET, PERSONNEL (1.2MX2.4M) (DOMESTIC)

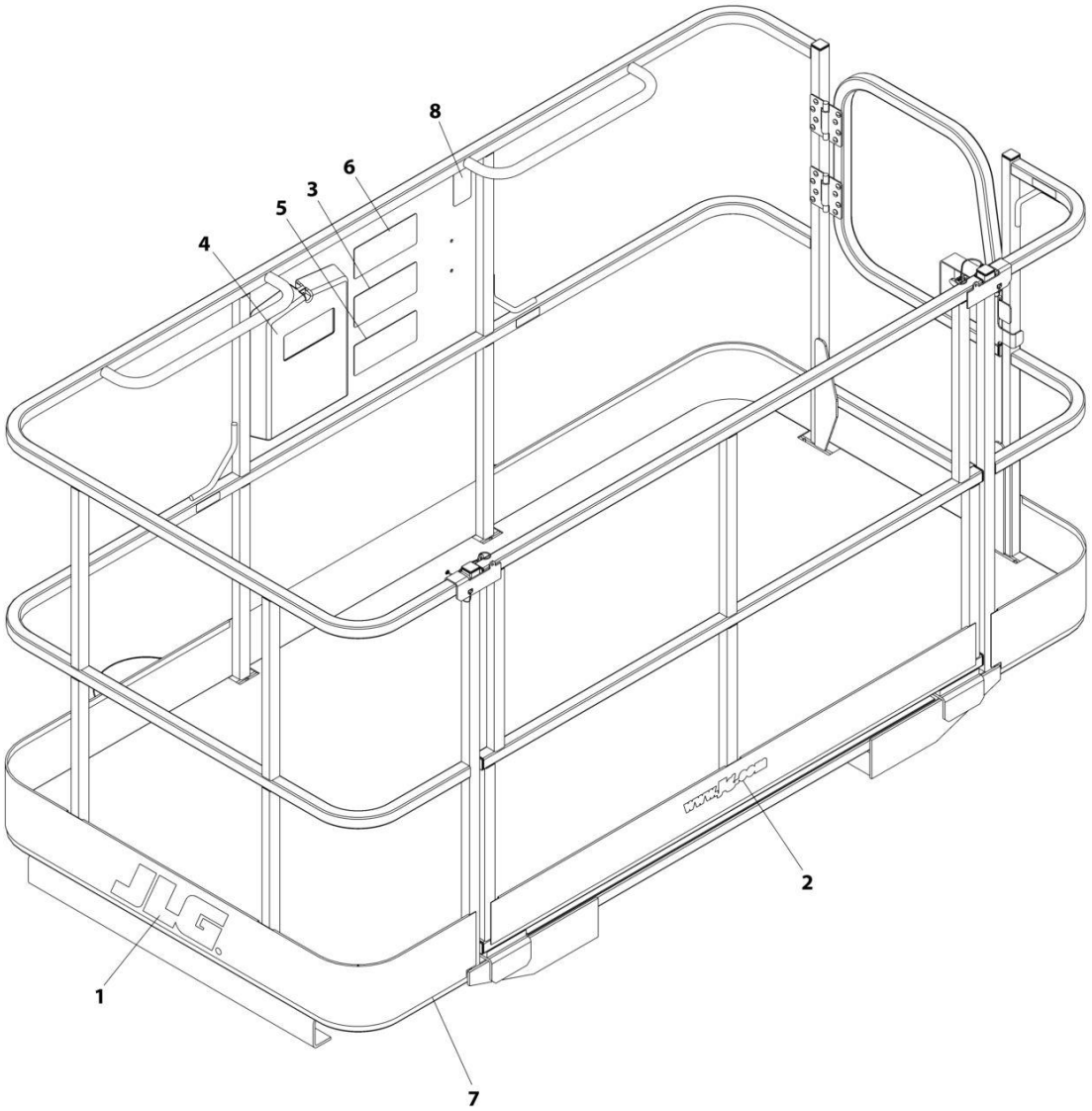


FIGURE 3-30. BASKET, PERSONNEL (1.2MX2.4M) (DOMESTIC)

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

FIGURE 3-31. BASKET, PERSONNEL (1.2MX2.4M) (ISO)

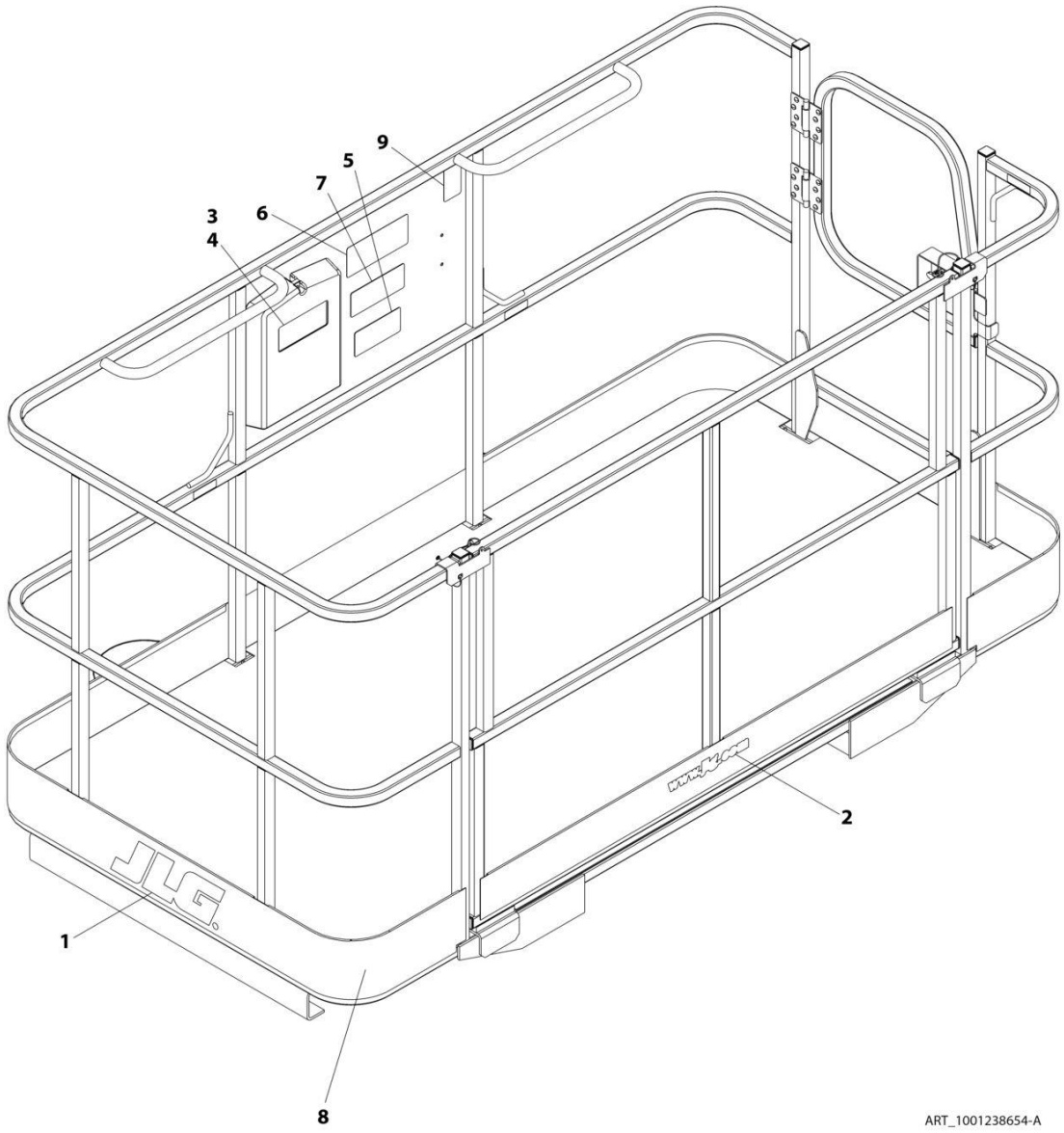


FIGURE 3-31. BASKET, PERSONNEL (1.2MX2.4M) (ISO)

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

FIGURE 3-32. BASKET, PERSONNEL (1.2MX2.4M) (FRENCH)

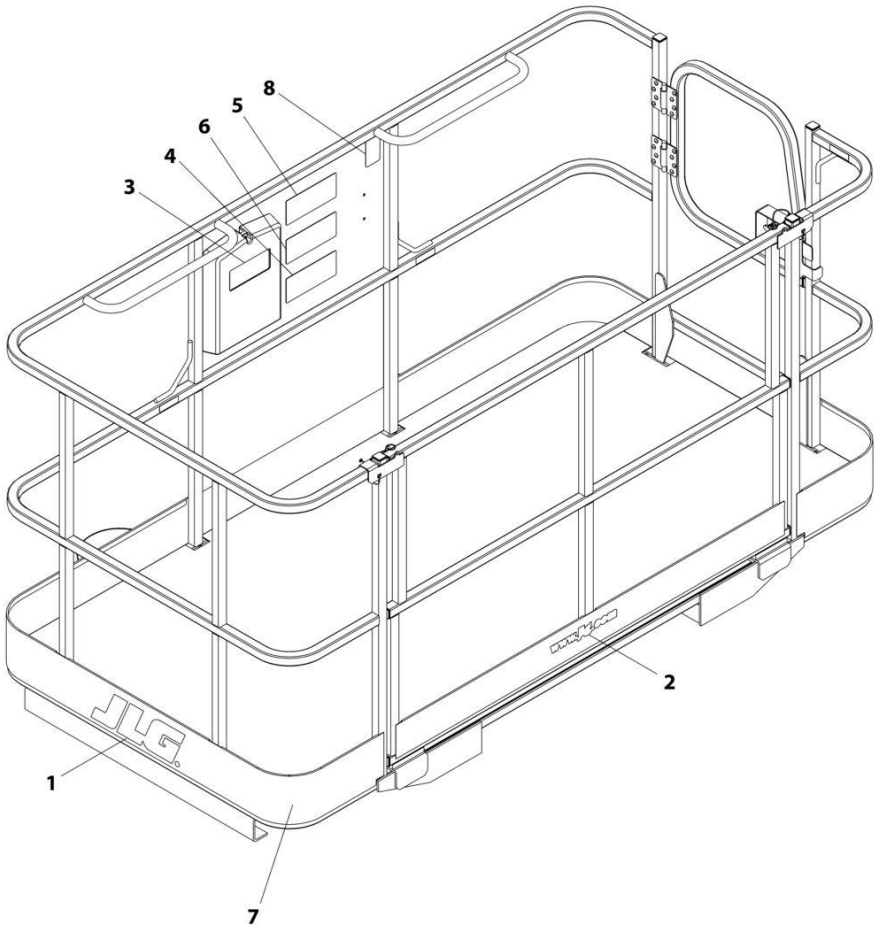


FIGURE 3-32. BASKET, PERSONNEL (1.2MX2.4M) (FRENCH)

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

FIGURE 3-33. FORK MOUNTED PLATFORM

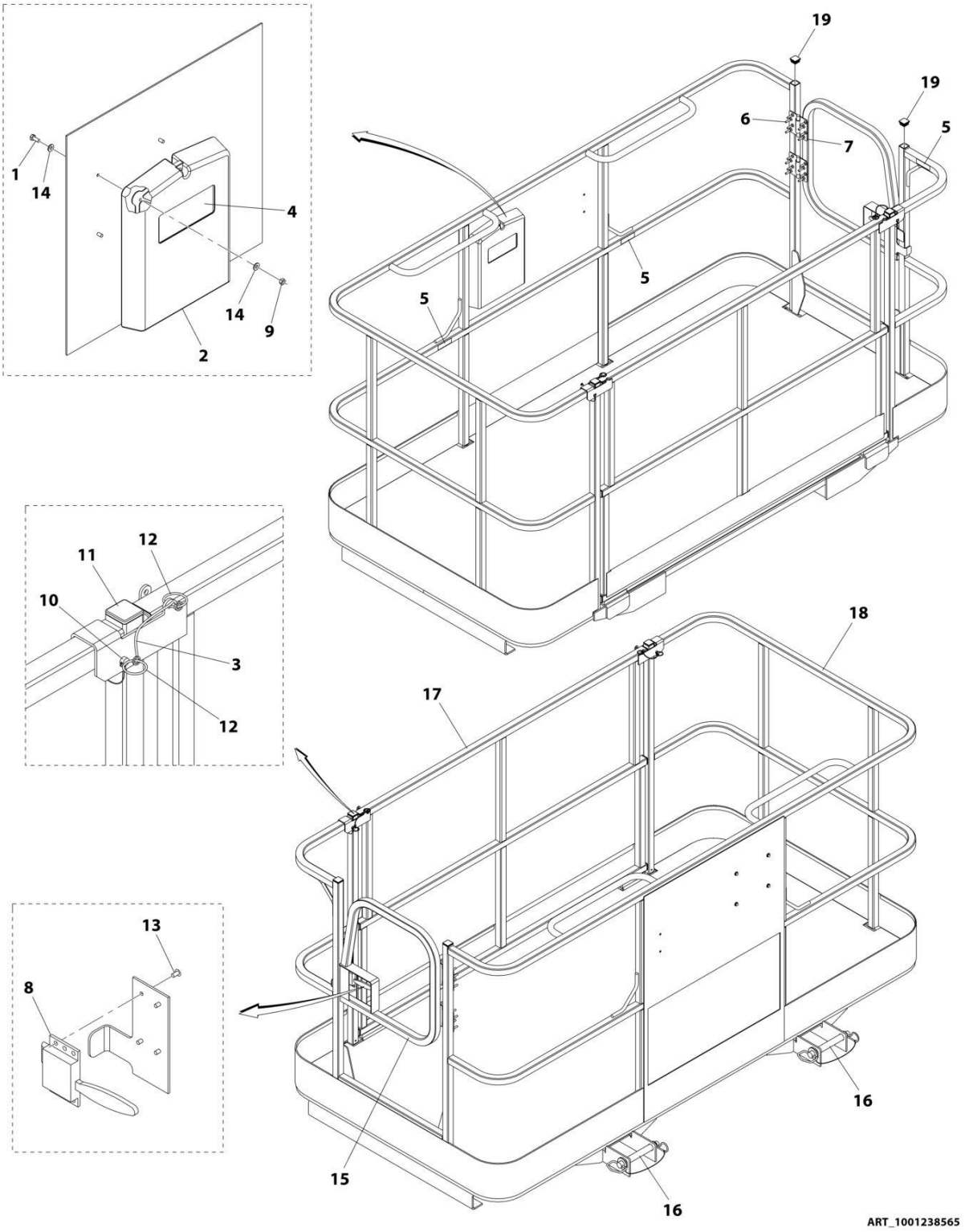


FIGURE 3-33. FORK MOUNTED PLATFORM

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

SECTION 4 - ENGINE AND ATTACHING PARTS

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE INSTALLATION

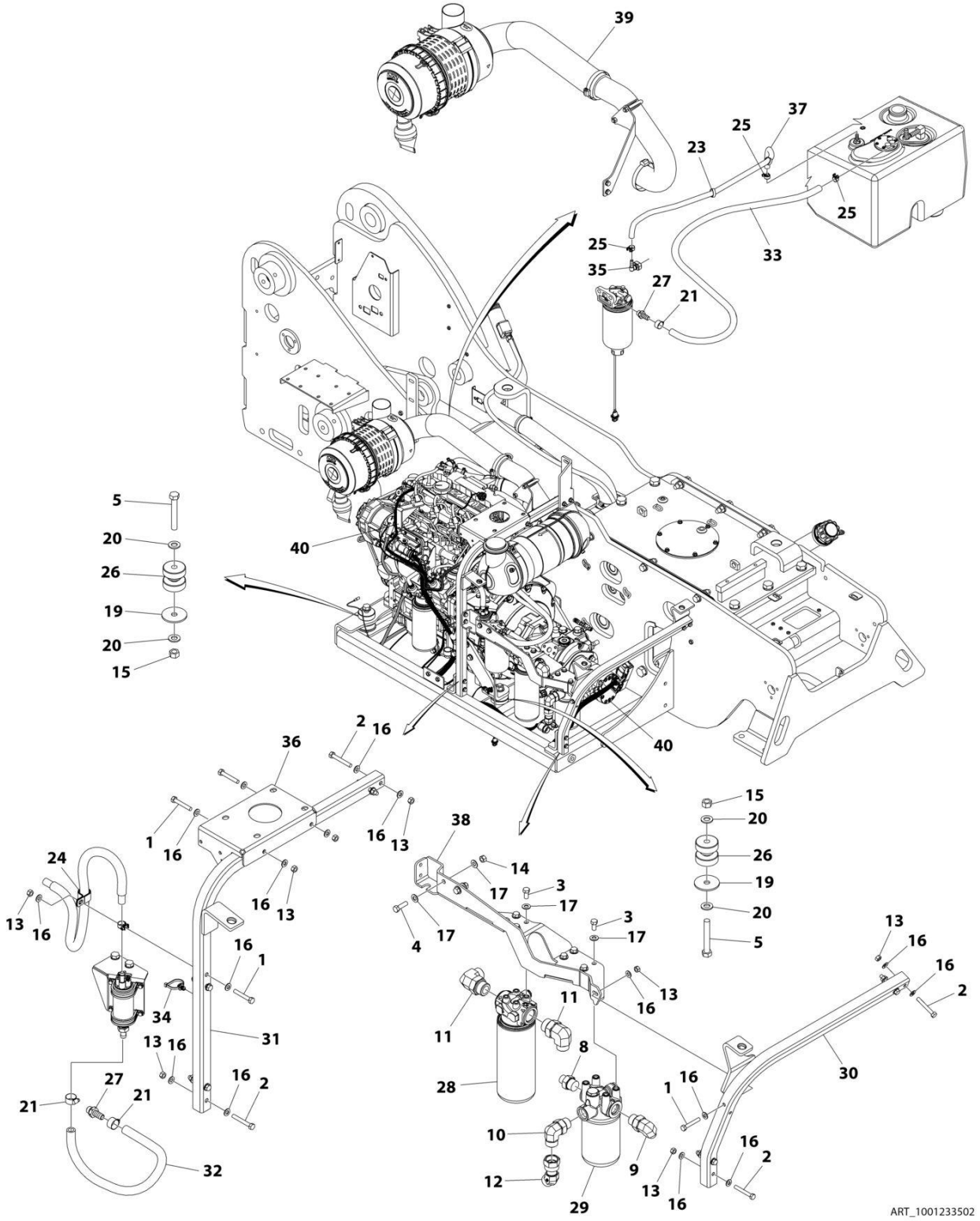


FIGURE 4-1. ENGINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233502	Ref	Engine Installation	D
1	0681516	5	Bolt 5/16 x 2	
2	0681518	8	Bolt 5/16 x 2-1/4	
3	0681606	8	Bolt 3/8 x 3/4	
4	0681610	2	Bolt 3/8 x 1-1/4	
5	0682034	4	Bolt 5/8 x 4-1/4	
8	2110812	1	Fitting, Straight ORFS/ORB	
9	2130812	1	Fitting, 90 ORFS/ORB	
10	2131212	1	Fitting, 90 ORFS/ORB	
11	2131216	2	Fitting, 90 ORFS/ORB	
12	2172112	1	Fitting, 90 ORFS/FSORFS	
13	3271501	13	Nut 5/16	
14	3271601	2	Nut 3/8	
15	3272001	4	Nut 5/8	
16	4711500	26	Washer 5/16	
17	4711600	12	Washer 3/8	
19	7300435	4	Washer, Rebound	
20	8310058	8	Washer	
21	8405006	3	Clamp	
23	8881800	2	Tie Strap	
24	85941017	1	Clamp	
25	1001136975	3	Clamp	
26	1001141027	4	Mount, Isolator	
27	1001141718	2	Tube	
28	1001141975	Ref	Hydraulic Filter Assembly (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
29	1001141976	Ref	Charge Pump Filter Assembly (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	
30	1001143879	1	Support	
31	1001143880	1	Support	
32	1001144106	1	Hose	
33	1001144133	1	Hose	
34	1001146588	1	Tie Strap	
35	1001155823	1	Coupling, 90 Quick Connect	
36	1001156243	1	Plate	
37	1001158561	1	Hose	
38	1001189305	1	Bracket	
39	1001193752	Ref	Air Cleaner Installation (See Separate Breakdown in this Section)	
40	1001233503	Ref	Engine Installation (See Separate Breakdown in this Section)	

FIGURE 4-2. ENGINE INSTALLATION

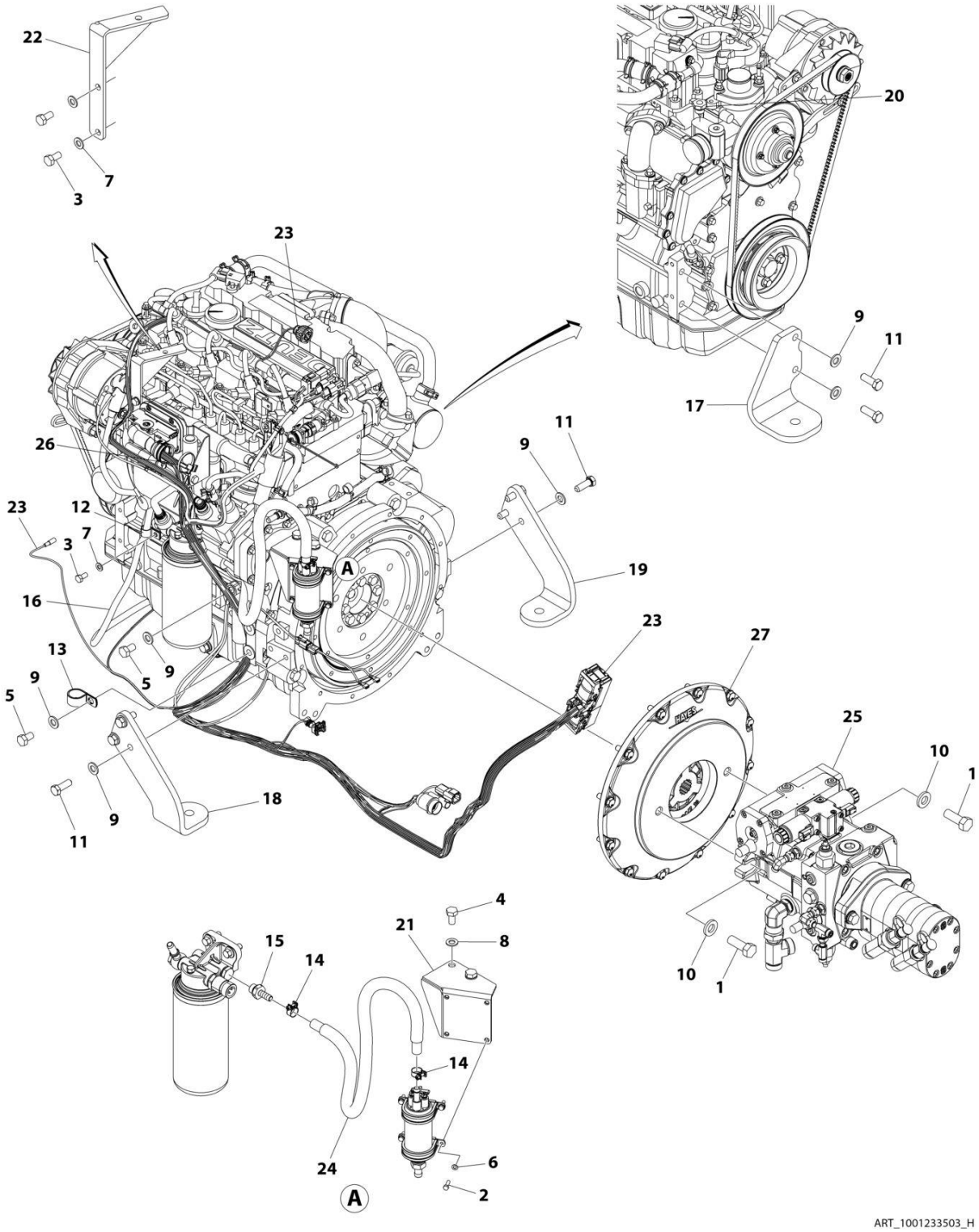


FIGURE 4-2. ENGINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233503	Ref	ENGINE INSTALLATION	H
1	0642014	2	Screw 5/8 x1-3/4	
2	0760508	4	Bolt M5 x 16	
3	0760808	3	Bolt M8 x 16	
4	0761010	2	Bolt M10 x 20	
5	0761210	2	Bolt M12 x 20	
6	4811600	4	Washer M5	
7	4811900	3	Washer M8	
8	4812000	2	Washer M10	
9	4812100	10	Washer M12	
10	5241400	2	Washer	
11	8310297	8	Bolt M12 x 35	
12	8406112	1	Clip	
13	80673023	1	Clip	
14	1001136975	2	Fuel Hose Clamp	
15	1001141717	1	Hose Barb Fitting	
16	1001142242	1	150 AMP Link Harness	
17	1001143641	1	Engine Support	
18	1001143642	1	Engine Support	
19	1001143643	1	Engine Support	
20	1001143801	1	Plug, M16 x 1.5	
21	1001143839	1	Pump Bracket	
22	1001149828	1	Hose Support Plate	
23	1001258097	1	Engine Harness (See Separate Breakdown in ELECTRICAL Section)	
24	1001165200	1	Fuel Supply Engine Hose	
25	1001282169	1	Pump (See Separate Breakdown in this Section)	
26	1001228975	1	Clip, Tie Strap	
27	1001233451	1	Coupling Assembly - Pump (See Separate Breakdown in this Section)	
28	1001266291	1	Harness, Alternator Charging (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-3. FLEX COUPLING ASSEMBLY

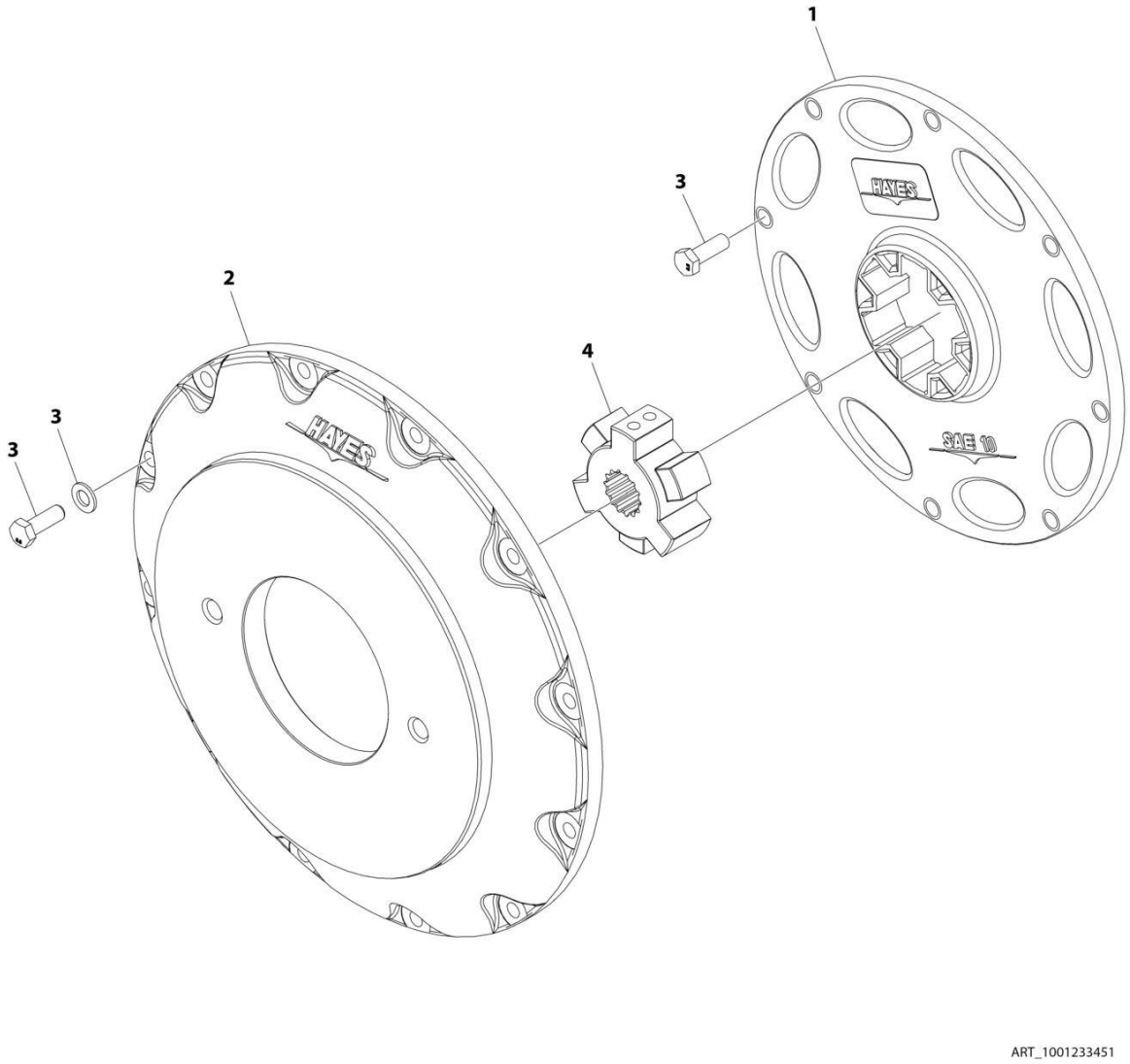


FIGURE 4-3. FLEX COUPLING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233451	Ref	FLEX COUPLING ASSEMBLY	C
1	70029023	1	Coupling	
2	70024845	1	Plate, Pump Mount	
3	70029022	1	Bolt Kit (Includes Qty 20 Bolts & Qty 12 Washers)	
4	70029024	1	Hub	

FIGURE 4-4. ENGINE MOUNT INSTALLATION

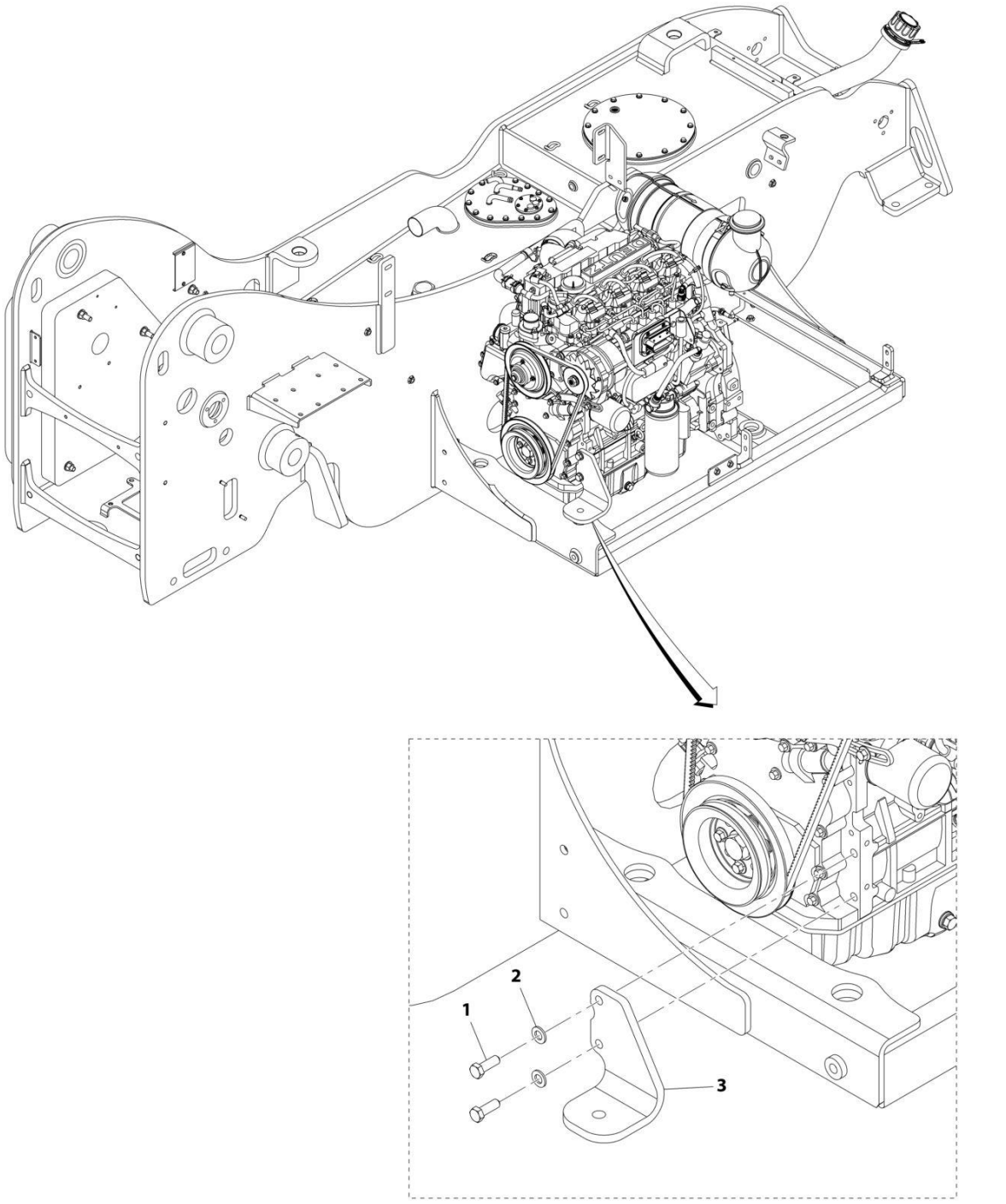


FIGURE 4-4. ENGINE MOUNT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143678	Ref	Engine Mount Installation	C
1	8310297	2	Hex HD Capscrew, M12X35, GR10.9	
2	4812100	2	Washer, M12	
3	1001143640	1	Engine Support	

FIGURE 4-5. ENGINE MOUNT INSTALLATION, (HEATER)

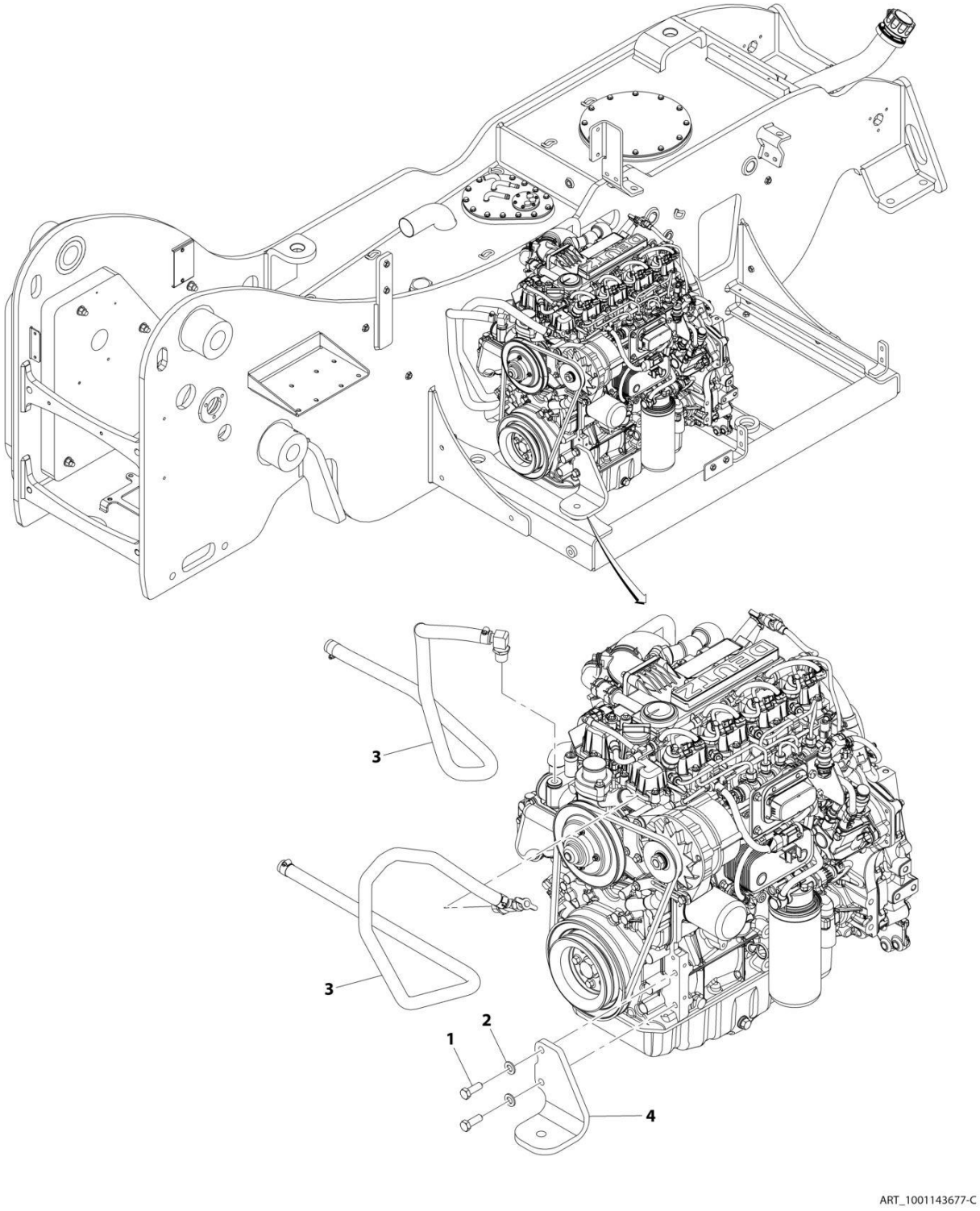


FIGURE 4-5. ENGINE MOUNT INSTALLATION, (HEATER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143677	Ref	Engine Mount Installation, (Heater)	C
1	8310297	2	Hex HD Capscrew, M12X35, GR10.9	
2	4812100	2	Washer, M12	
3	1001139684	1	Heater Lines Installation (See Separate Breakdown in this Section)	
4	1001143640	1	Engine Support	

FIGURE 4-6. ENGINE MOUNT INSTALLATION, (HEATER & A/C)

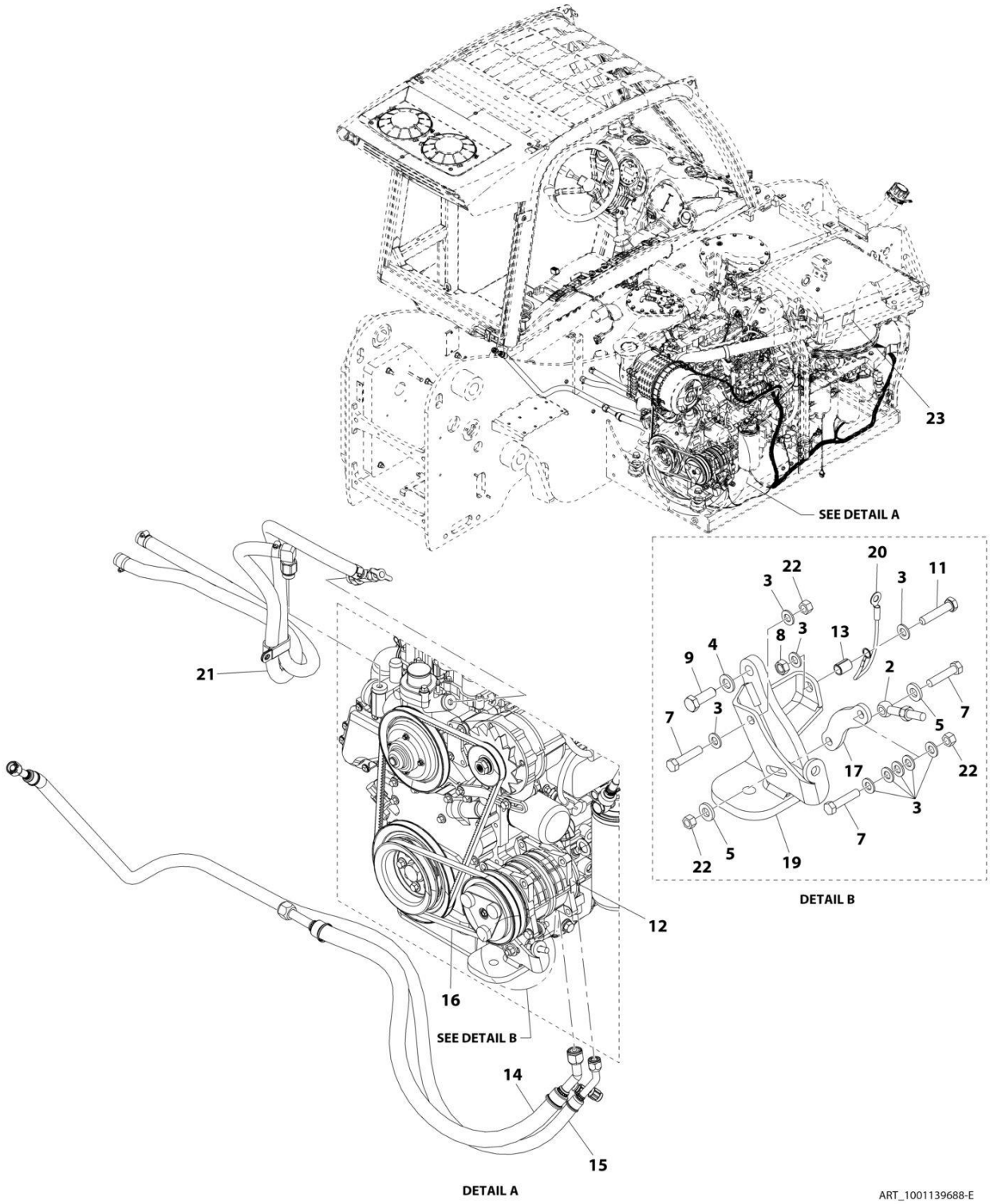
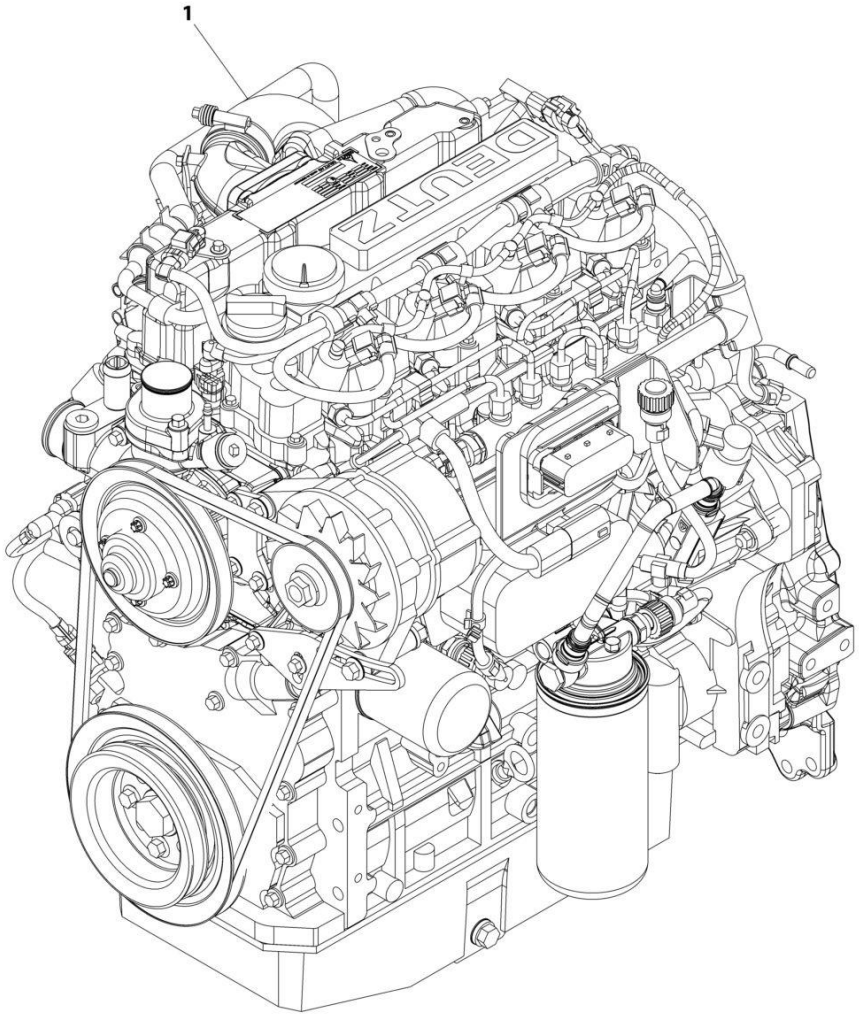


FIGURE 4-6. ENGINE MOUNT INSTALLATION, (HEATER & A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139688	Ref	Engine Mount Installation, (Heater & A/C)	E
2	1001156849	1	Rod Assembly W/Locknut	
3	4812000	9	Washer, M10	
4	4812100	2	Washer, M12	
5	4891700	2	Washer, 7/16	
7	0681614	3	Hex HD Capscrew, 3/8-16X1-3/4	
8	8305038	1	Hex Nut, M10X1.5	
9	8310297	2	Hex HD Capscrew, M12X35, GR10.9	
11	8310748	1	Hex HD Capscrew, M10X50, GR8.8	
12	1001080789	1	A/C Compressor Pump	
13	1001131818	1	Sleeve, Split Bushing	
14	1001143815	1	Hose Assembly, Compressor To Evaporator	
15	1001143816	1	Hose Assembly, Compressor To Condenser	
16	1001144359	1	Belt	
17	1001144373	1	Tension Arm Plate	
19	1001144378	1	Engine/AC Mount Support	
20	1001147071	1	A/C Ground Harness	
21	1001139684	1	Heater Lines Installation (See Separate Breakdown in this Section)	
22	3271601	3	Hex Nut, 3/8-16, GR8	
23	1001227091	1	Decal, A/C Installation	

FIGURE 4-7. ENGINE (55.4KW - ULS)

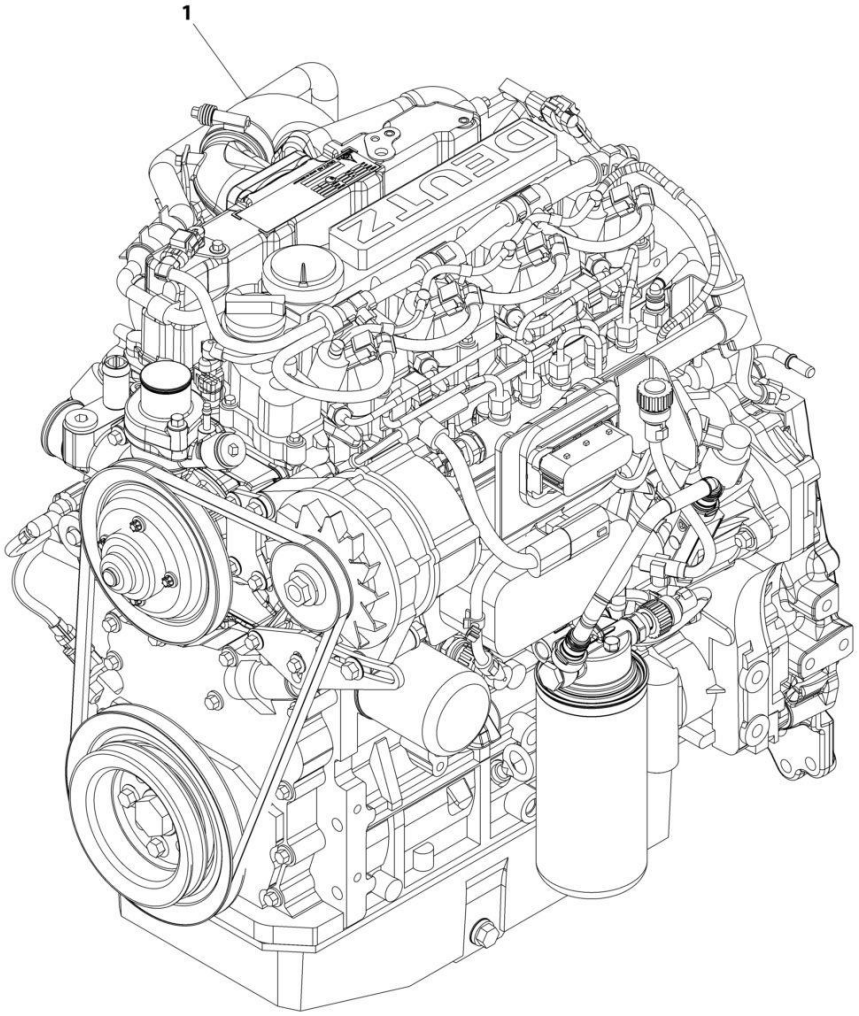


ART_1001136095_H

FIGURE 4-7. ENGINE (55.4KW - ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001136095	Ref	ENGINE (55.4KW - ULS)	H
	70029015	1	Fan	
	3580158	1	Pulley	
	70025150	1	V-Grooved Pulley	
	1001225430	1	Filter, Fuel Primary	
	70029451	1	Fuel Filter	
	70025162	1	Oil Pan (Includes Items #2 & 3)	
	70028929	1	V-Grooved Pulley	
	70028540	1	Sender, Temperature	
	7016331	2	Filter, Oil	
	7020465	3	Cap, Filler	
	70025187	1	Fuel Injector	
	70024913	2	Narrow V-Belt	
	70006652	2	Alternator	
	70024915	2	Starter (Not Shown - Located on Left Side)	
	70024904	2	Dipstick (Includes Item #2)	
	70024911	2	Turbocharger	
	70005941	2	Plug, Oil	

FIGURE 4-8. ENGINE (55.4KW - LS)



ART_1001139668_H

FIGURE 4-8. ENGINE (55.4KW - LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001139668	Ref	ENGINE (55.4KW - LS)	H
	70029015	1	Fan	
	3580158	1	Pulley	
	70025150	1	V-Grooved Pulley	
	1001225430	1	Filter, Fuel Primary	
	1001225432	1	Fuel Filter, Element	
	70025162	1	Oil Pan, (Includes Item 2 & 3)	
	70028929	1	V-Grooved Pulley	
	70028540	1	Sender, Temperature	
	7016331	1	Filter, Oil	
	7020465	2	Cap, Filler	
	70025181	1	Injector, Fuel	
	70024913	1	Narrow V-Belt	
	70006652	1	Alternator	
	70024915	1	Starter (Not Shown - Located on Left Side)	
	70024904	1	Dipstick, (Includes Item 2)	
	70024911	1	Turbocharger	
	70005941	1	Plug, Oil	

FIGURE 4-9. FAN INSTALLATION

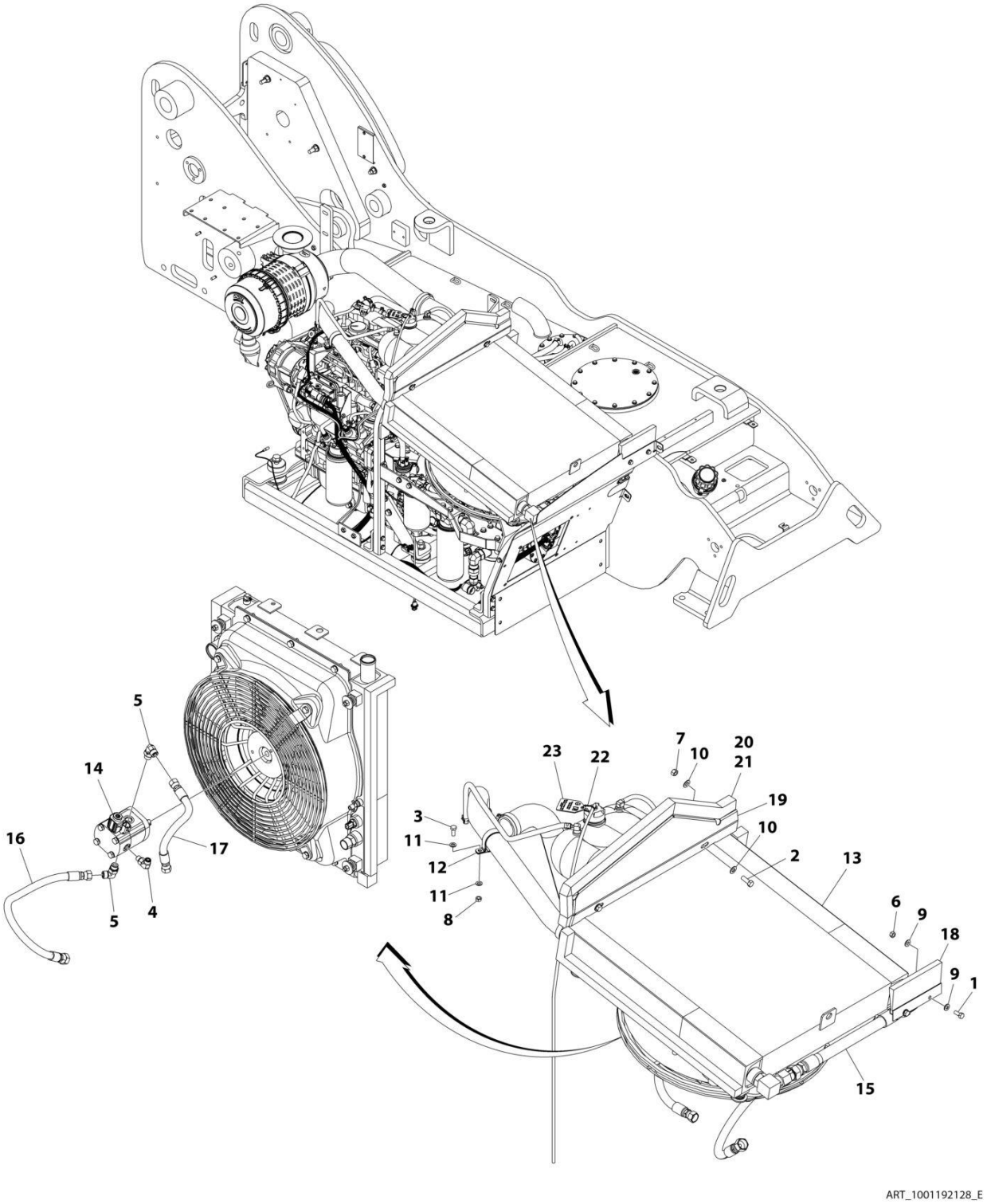


FIGURE 4-9. FAN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192128	Ref	FAN INSTALLATION	E
1	0681506	2	Bolt 5/16 x 3/4	
2	0681608	2	Bolt 3/8 x 1 Grade 8	
3	0760810	1	Bolt M8 x 20	
4	2130606	1	Adapter, 90	
5	2130808	2	Adapter, 90	
6	3271501	2	Nut 5/16	
7	3271601	2	Nut 3/8	
8	3290801	1	Nut M8 x 1.25	
9	4711500	4	Washer 5/16	
10	4711600	4	Washer 3/8	
11	4811900	2	Washer M8	
12	8410001	1	Hose Clamp	
13	1001138877	1	Radiator Installation (See Separate Breakdown in this Section)	
14	1001141779	1	Fan Motor, Variable (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
15	1001143041	1	Hose Assembly	
16	1001144692	1	Hose Assembly	
17	1001144693	1	Hose Assembly	
18	1001145710	1	Brush Seal	
19	1001191830	1	Air Dam Plate	
20	1001192256	1	Seal	
21	0100081	AR	Adhesive	
22	4240032	1	Tie-Strap	
23	1001260945	1	Tag, Coolant ELC NF	

FIGURE 4-10. FAN INSTALLATION, REVERSING

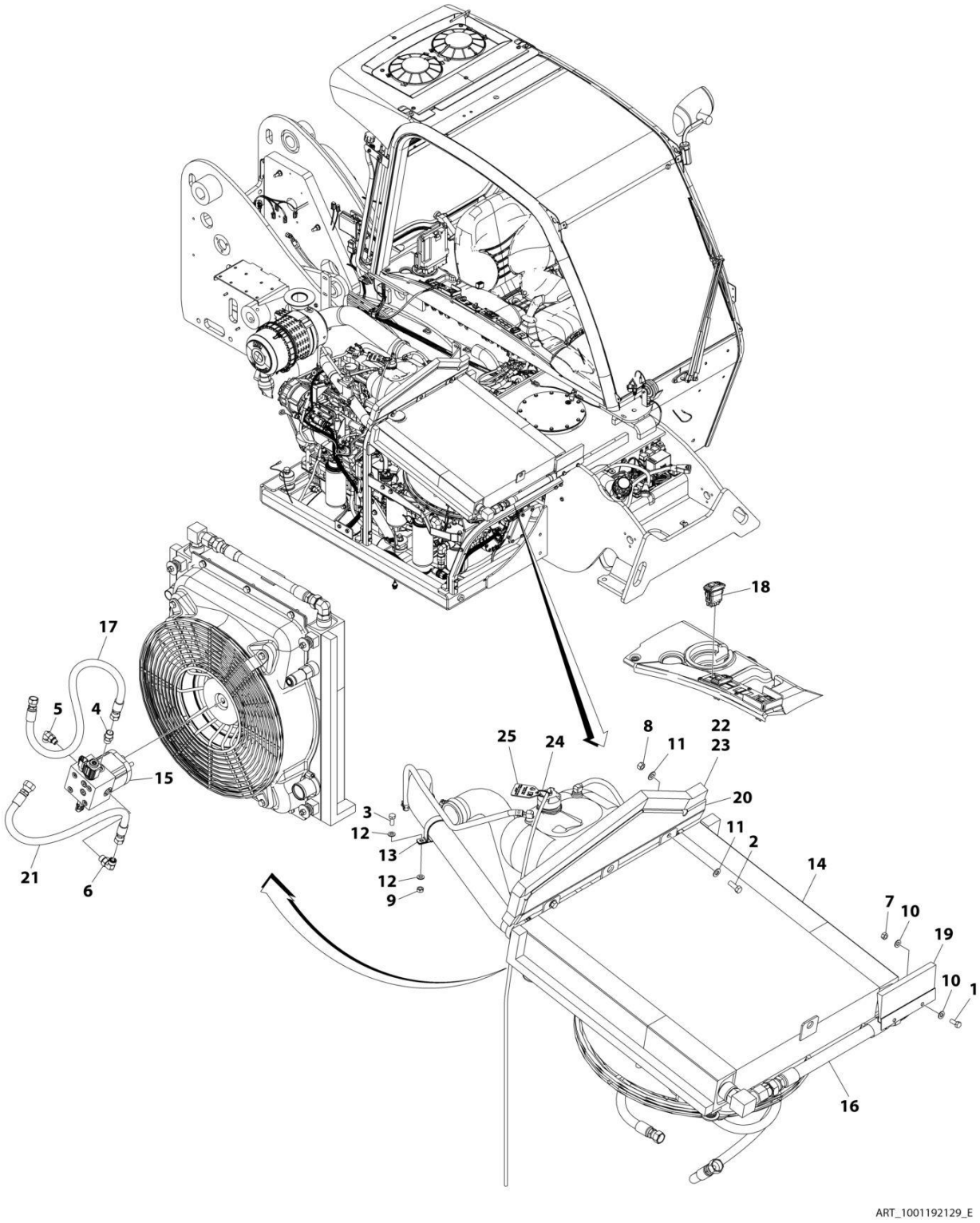


FIGURE 4-10. FAN INSTALLATION, REVERSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192129	Ref	FAN INSTALLATION, REVERSING	E
1	0681506	2	Bolt 5/16 x 3/4	
2	0681608	2	Bolt 3/8 x 1 Grade 8	
3	0760810	1	Bolt M8 x 20	
4	2110808	1	Adapter, Straight	
5	2130606	1	Adapter 90	
6	2130808	1	Adapter 90	
7	3271501	2	Nut 5/16-18	
8	3271601	2	Nut 3/8	
9	3290801	1	Nut M8	
10	4711500	4	Washer 5/6	
11	4711600	4	Washer 3/8	
12	4811900	2	Washer M8	
13	8410001	1	Hose Clamp	
14	1001138877	1	Radiator Installation (See Separate Breakdown in this Section)	
15	1001141780	1	Fan Motor, Variable, Reversing (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
16	1001143041	1	Hose Assembly	
17	1001144695	1	Hose Assembly	
18	1001145204	1	Reverse Fan Switch	
19	1001145710	1	Brush Seal	
20	1001191830	1	Air Dam Plate	
21	1001144694	1	Hose Assembly	
22	1001192256	1	Seal	
23	0100081	AR	Adhesive	
24	4240032	1	Tie-Strap	
25	1001260945	1	Tag, Coolant ELC NF	

FIGURE 4-11. RADIATOR INSTALLATION

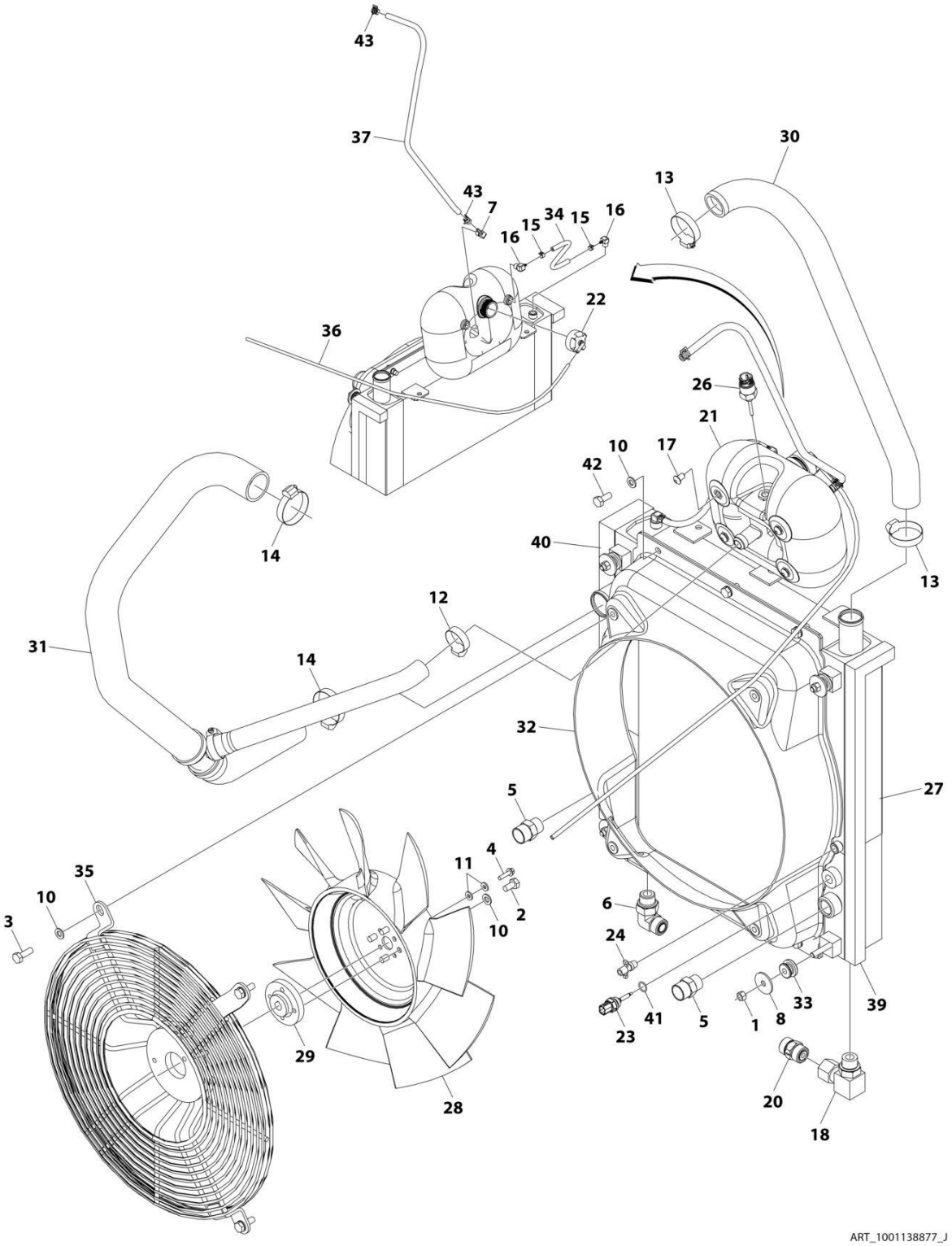


FIGURE 4-11. RADIATOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138877	Ref	RADIATOR INSTALLATION	J
1	3271601	4	Nut 3/8	
2	0761010	4	Bolt M10 x 20, GR8.8	
3	0761014	4	Bolt M10 x 30, GR8.8	
4	0811408	1	Screw 1/4 x 1	
5	2111212	2	Adapter, Straight	
6	2131212	1	Adapter, 90	
7	8420227	1	Hose Barb Elbow, 90	
8	4740281	4	Special Washer	
10	4812000	14	Washer M10	
11	4891400	2	Washer 1/4	
12	8405102	1	Gear Clamp, 1.75	
13	8405104	2	Gear Clamp, 2.25	
14	8405201	2	Gear Clamp, 2.50	
15	1001157075	2	Hose Clamp	
16	8420236	2	Hose Barb Elbow, 90	
17	88261026	4	Capscrew 3/8 x 5/8	
18	1001003680	1	Adapter, 90	
20	1001127967	1	Check Valve	
21	1001128144	1	Coolant Tank	
22	1001136834	1	Deaeration Tank Cap	
23	1001128478	1	Temperature Sensor	
24	8904001	1	External Seal, Drain Cock	
26	1001138827	1	Coolant Level Sensor	
27	1001252481	1	Water/Oil Radiator	
28	1001148423	1	Fan, 20in, 9 Blade	
29	1001145871	1	Adapter, Fan	
30	1001141786	1	Radiator Inlet Hose	
31	1001141787	1	Lower Radiator Hose Assembly (See Separate Breakdown in this Section)	
32	1001141796	1	Fan Shroud	
33	1001141801	4	Mounting Pad	
34	1001141834	1	Radiator Vent Hose, 3/16	
35	1001141881	1	Fan Guard Grill	
36	1001141896	1	Coolant Overflow Hose	
37	1001141944	1	Engine Vent Hose	
39	1001252482	1	Foam Gasket Seal	
40	1001252483	1	Foam Gasket Seal	
41	1001009163	1	Seal	
42	0761012	6	Bolt M10 x 25, GR8.8	
43	1001156087	2	Hose Clamp	

FIGURE 4-12. RADIATOR LOWER HOSE ASSEMBLY

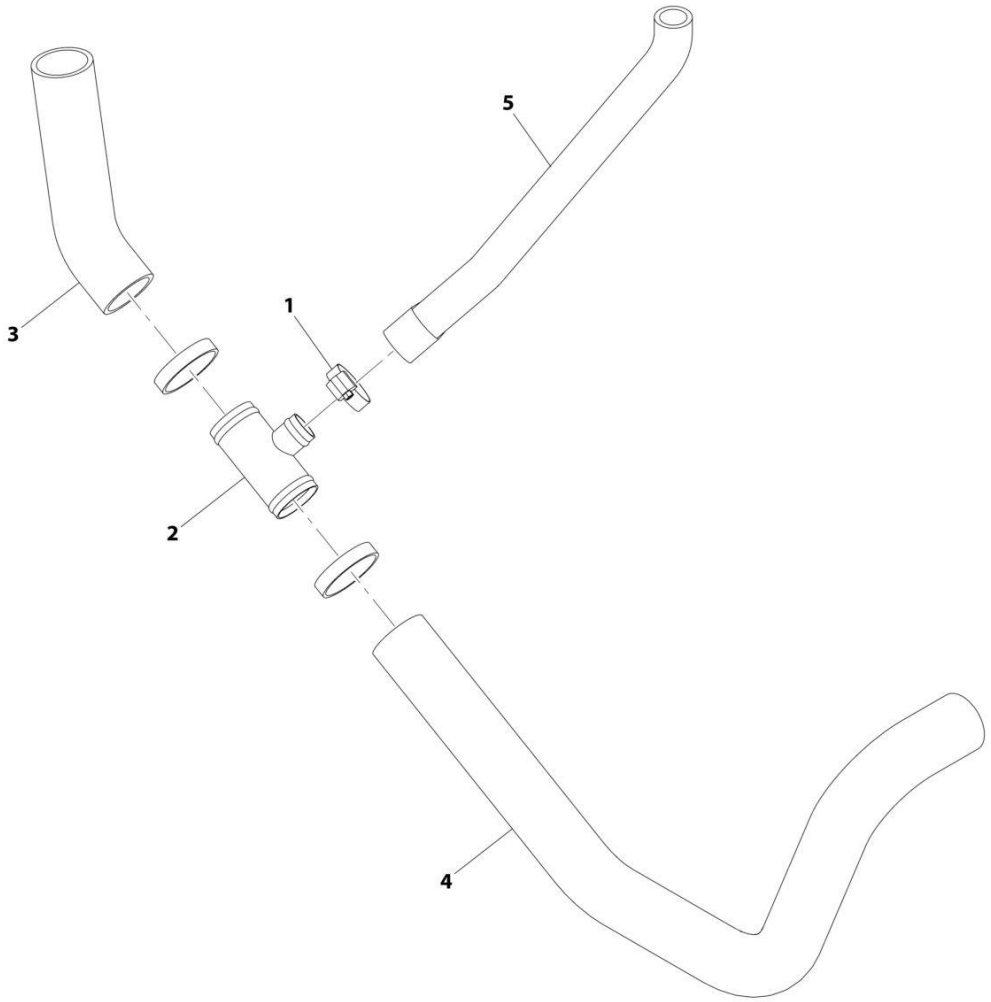


FIGURE 4-12. RADIATOR LOWER HOSE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141787	Ref	Radiator Lower Hose Assembly	D
1	8405102	1	Gear Clamp, 1.75	
2	1001121514	1	Tee Pipe	
3	1001141788	1	Water Inlet Hose	
4	1001141789	1	Radiator Outlet Hose	
5	1001141791	1	Surge Tank Return Hose	

FIGURE 4-13. AIR CLEANER INSTALLATION

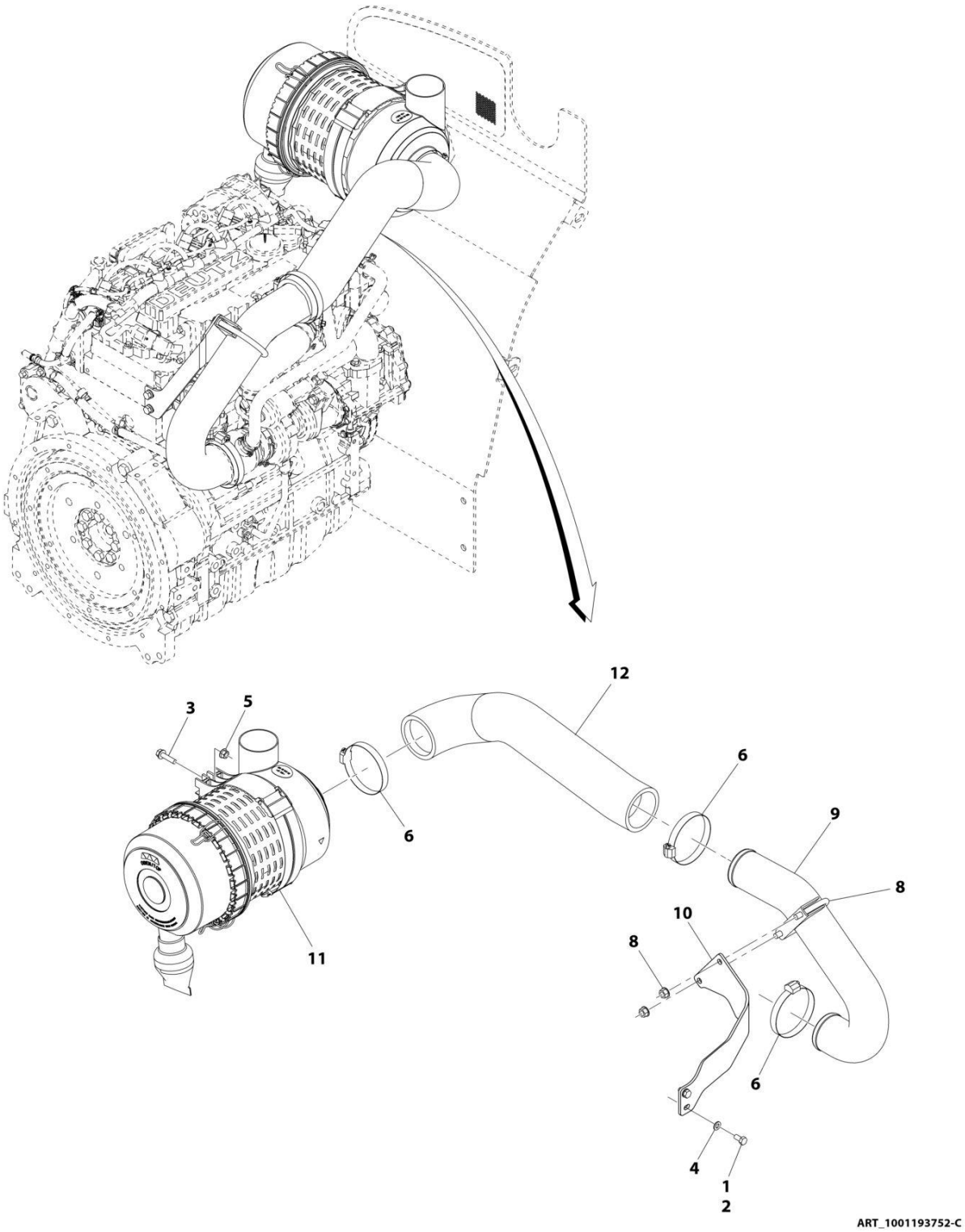


FIGURE 4-13. AIR CLEANER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193752	Ref	Air Cleaner Installation	C
1	0100011	AR	Compound, Locking	
2	0760808	2	Bolt M8 x 16	
3	0811510	2	Screw 5/16 x 1-1/4	
4	4811900	2	Washer M8	
5	8310420	2	Nut 5/16	
6	8410011	3	Gear Clamp, 3.25	
8	1001101451	1	Muffler Clamp	
9	1001139155	1	Air Intake Tube	
10	1001241661	1	Tube Bracket	
11	1001142259	1	Air Cleaner Assembly (See Separate Breakdown in this Section)	
12	1001143201	1	Air Intake Hose	

FIGURE 4-14. AIR CLEANER ASSEMBLY

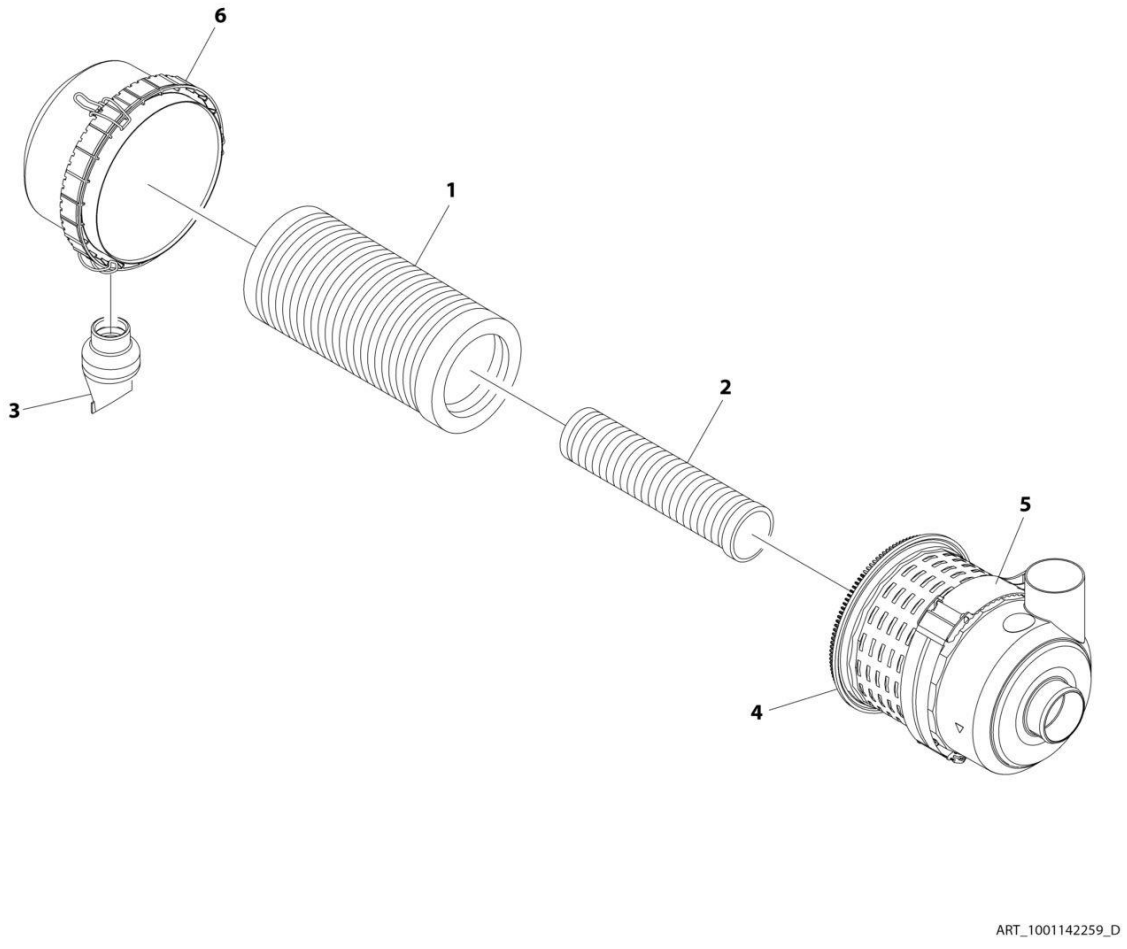


FIGURE 4-14. AIR CLEANER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142259	Ref	AIR CLEANER ASSEMBLY	D
1	70024190	1	Main Air Element	
2	70024191	1	Secondary Air Element	
3	70025249	1	Dust Valve	
4	70030962	1	Filter Housing (Includes Item 6)	
5	70030963	1	Bracket	
6	See Note	NSS	Cover with Clips (Note: Purchase Item 4)	

FIGURE 4-15. AIR SHUT OFF VALVE INSTALLATION

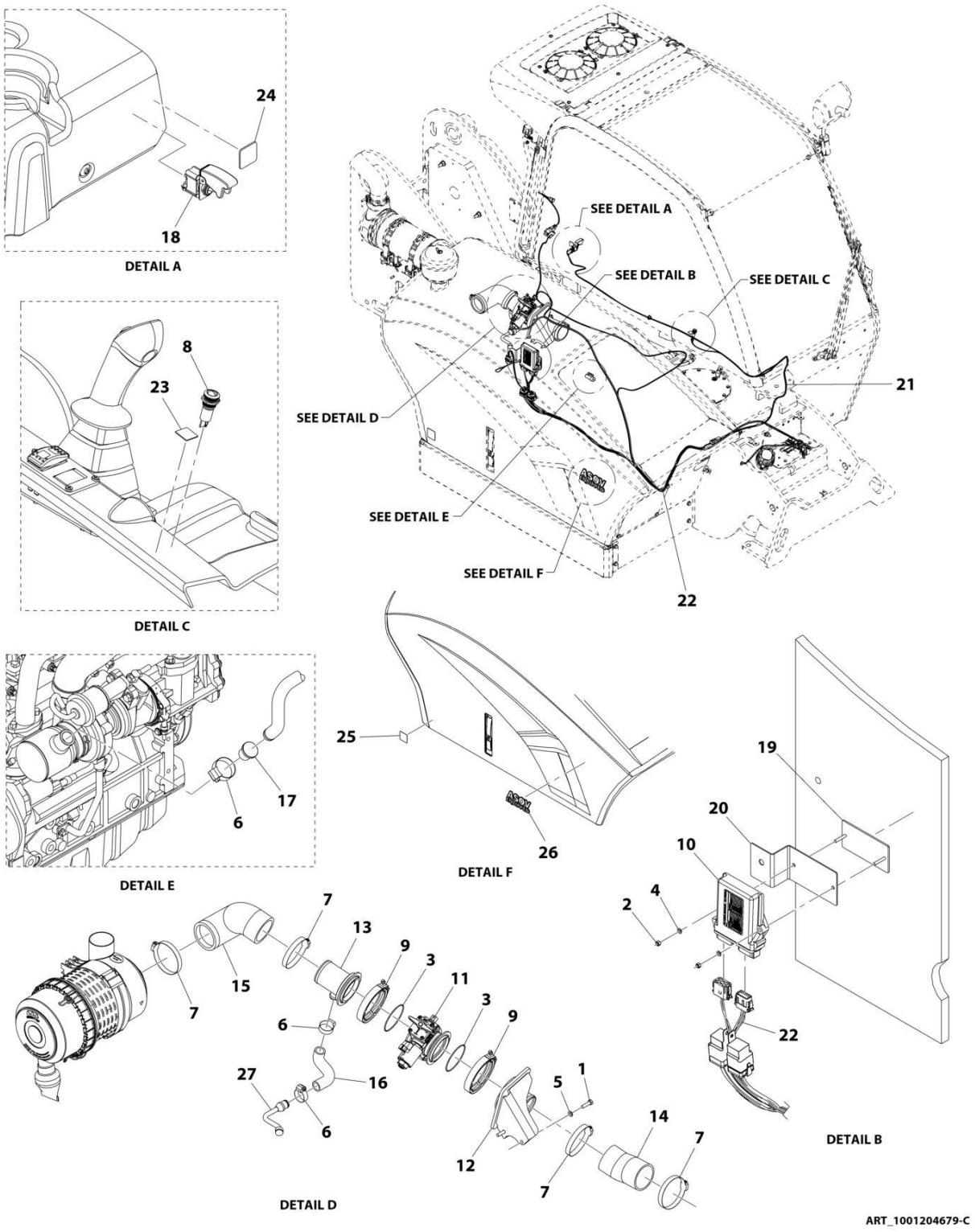


FIGURE 4-15. AIR SHUT OFF VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204679	Ref	AIR SHUT OFF VALVE INSTALLATION	C
1	0760814	2	Bolt M8 x 30	
2	3290505	2	Nut M5	
3	3790152	2	O-Ring	
4	4811600	2	Washer M5	
5	4811900	2	Washer M8	
6	8405101	3	Clamp	
7	8410011	4	Clamp	
8	1001239539	1	Lamp, LED Indicator	
9	1001202247	2	Clamp	
10	1001203181	1	Control Accessory	
11	1001204032	1	Valve, Air Shut Off (See Separate Breakdown in Hydraulic Components Section)	
12	1001204674	1	Bracket	
13	1001204676	1	Adapter	
14	1001204677	1	Hose	
15	1001204678	1	Hose	
16	1001205397	1	Hose	
17	1001206603	1	Plug	
18	1001215941	1	Switch	
19	1001219082	1	Bracket	
20	1001230503	1	Plate	
21	1001233213	1	Harness, Posi Air Shut Off Valve (See Separate Breakdown in Electrical Section)	
22	1001233235	1	Harness, Posi Air Shut Off Valve Frame (See Separate Breakdown in Electrical Section)	
23	1001227077	1	Decal	
24	1001227964	1	Decal	
25	1001228273	1	Decal	
26	1001228643	1	Decal	
27	1001233784	1	Pipe	

FIGURE 4-16. RAIN CAP

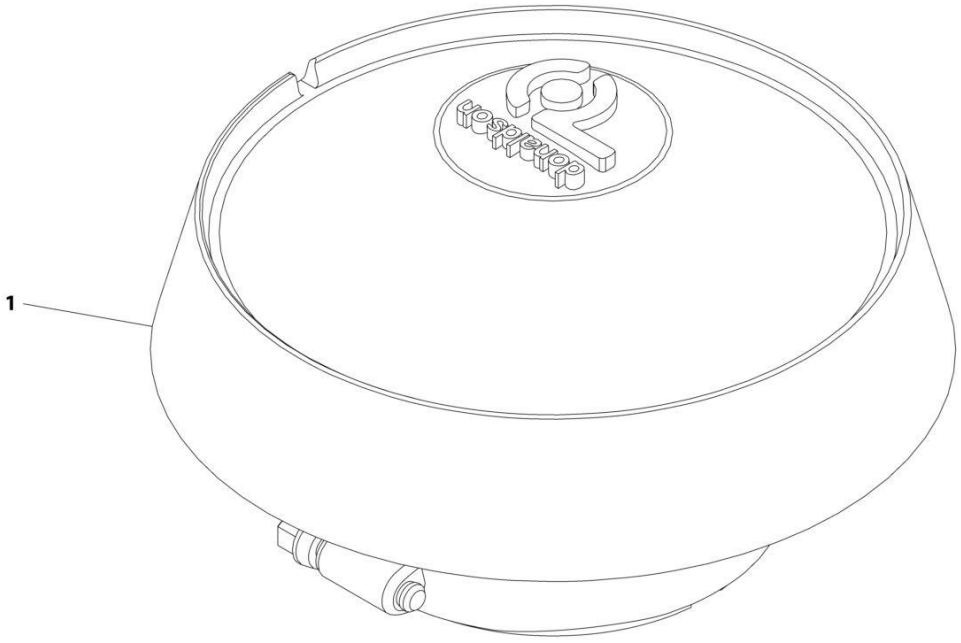


FIGURE 4-16. RAIN CAP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001144015	Ref	Rain Cap	A

FIGURE 4-17. PRECLEANER

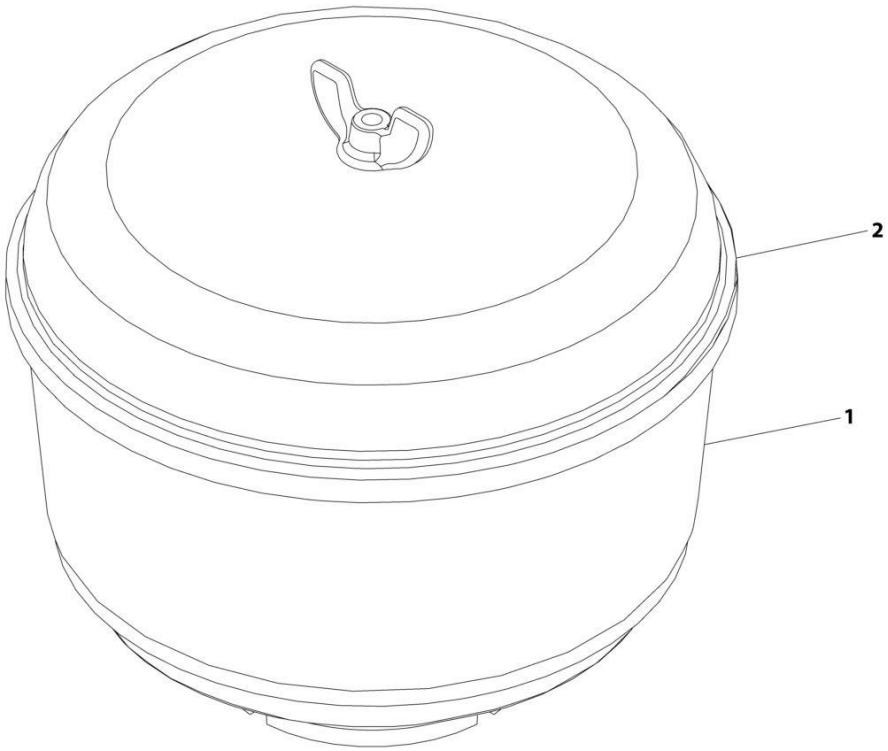


FIGURE 4-17. PRECLEANER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001062773	Ref	Precleaner	B
1	70027591	1	Bowl	
2	70027592	1	Cover	

FIGURE 4-18. EXHAUST INSTALLATION (ULS)

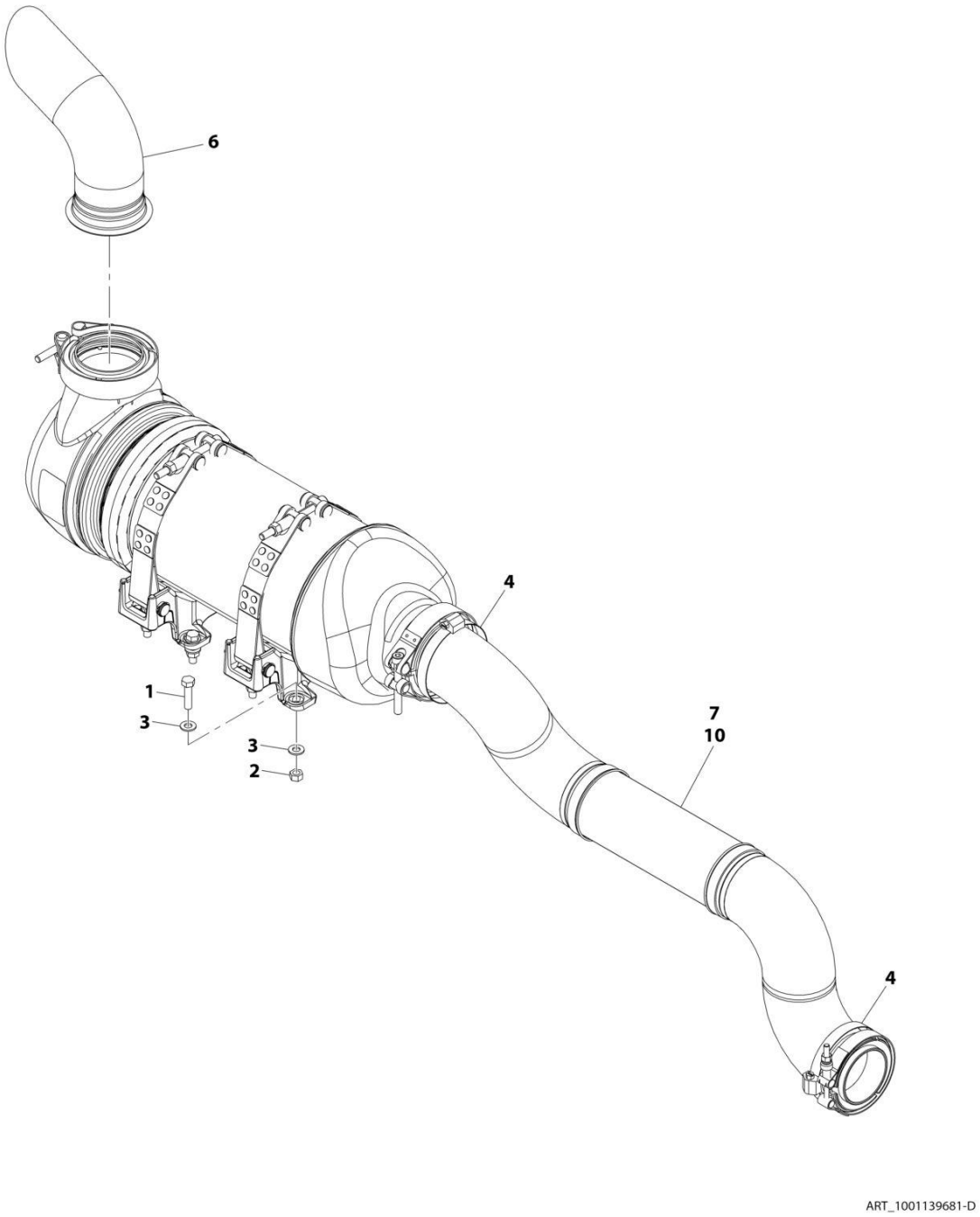


FIGURE 4-18. EXHAUST INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139681	Ref	Exhaust Installation (ULS)	D
1	0681510	8	Hex HD Capscrew, 5/16-18X1 1/4 LG	
2	3271501	8	Hex Nut, 5/16-18	
3	4711500	16	Washer, 5/16	
4	8410011	2	Gear Clamp, 3.25	
6	1001141551	1	Exhaust Elbow Pipe	
7	1001143216	1	Exhaust Pipe	
10	1001143304	1	Thermal Sock Insulate	

FIGURE 4-19. EXHAUST INSTALLATION (LS)

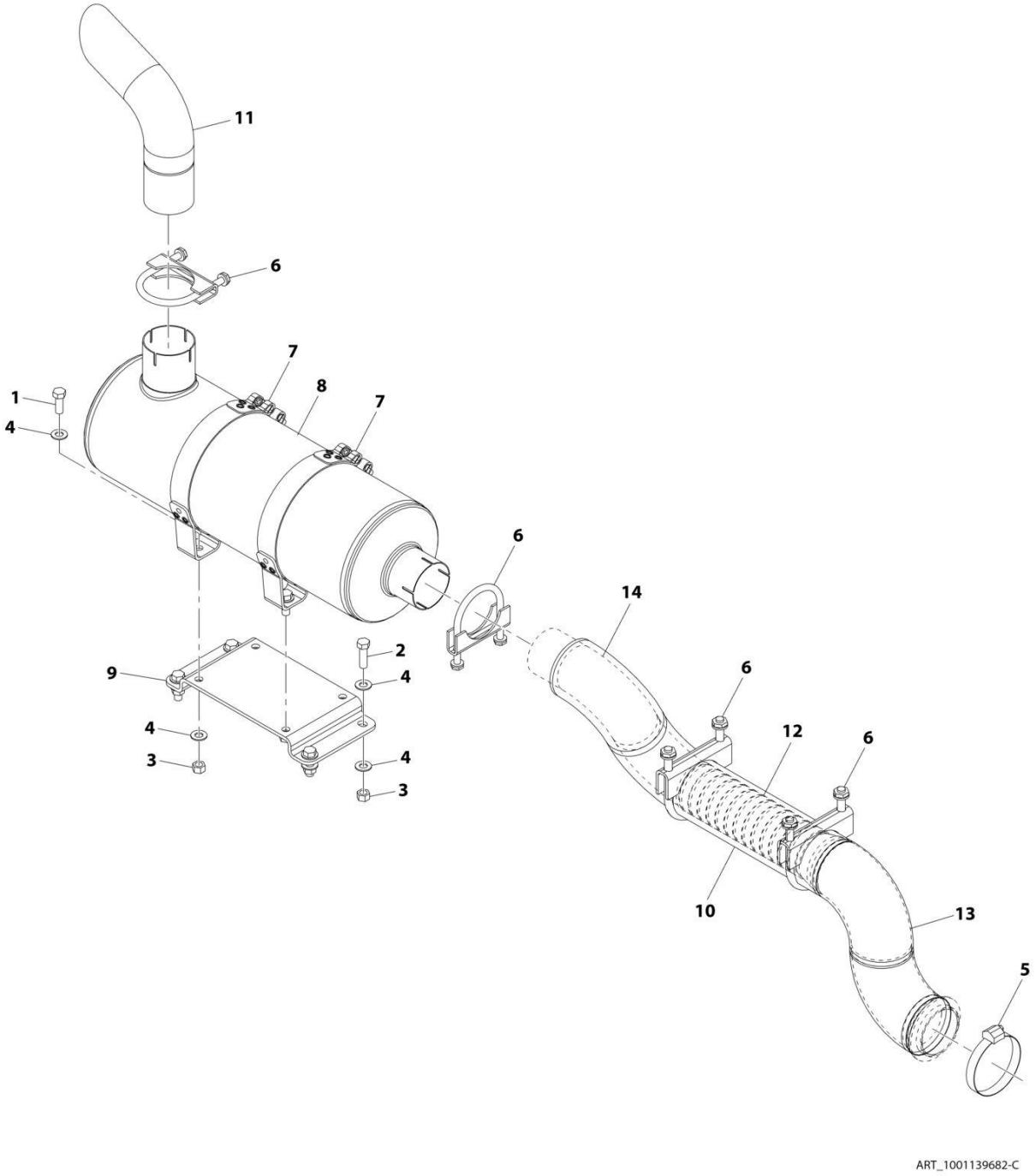


FIGURE 4-19. EXHAUST INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139682	Ref	Exhaust Installation (LS)	C
1	0681608	4	Hex HD Capscrew, 3/8-16X1	
2	0681610	4	Hex HD Capscrew, 3/8-16X1-1/4	
3	3271601	8	Hex Nut, 3/8-16, GR8	
4	4711600	16	Washer, 3/8	
5	8405204	1	Gear Clamp, 3.25	
6	8275212	4	Muffler Clamp	
7	1001119727	2	Muffler Clamp	
8	1001140671	1	Muffler	
9	1001141019	1	Support Plate	
10	1001143304	1	Thermal Sock Insulate	
11	1001153410	1	Exhaust Elbow Pipe	
12	1001153411	1	Flex Tube	
13	1001153412	1	Exhaust Pipe	
14	1001153413	1	Exhaust Pipe	

FIGURE 4-20. HYDROSTATIC DRIVE PUMP ASSEMBLY

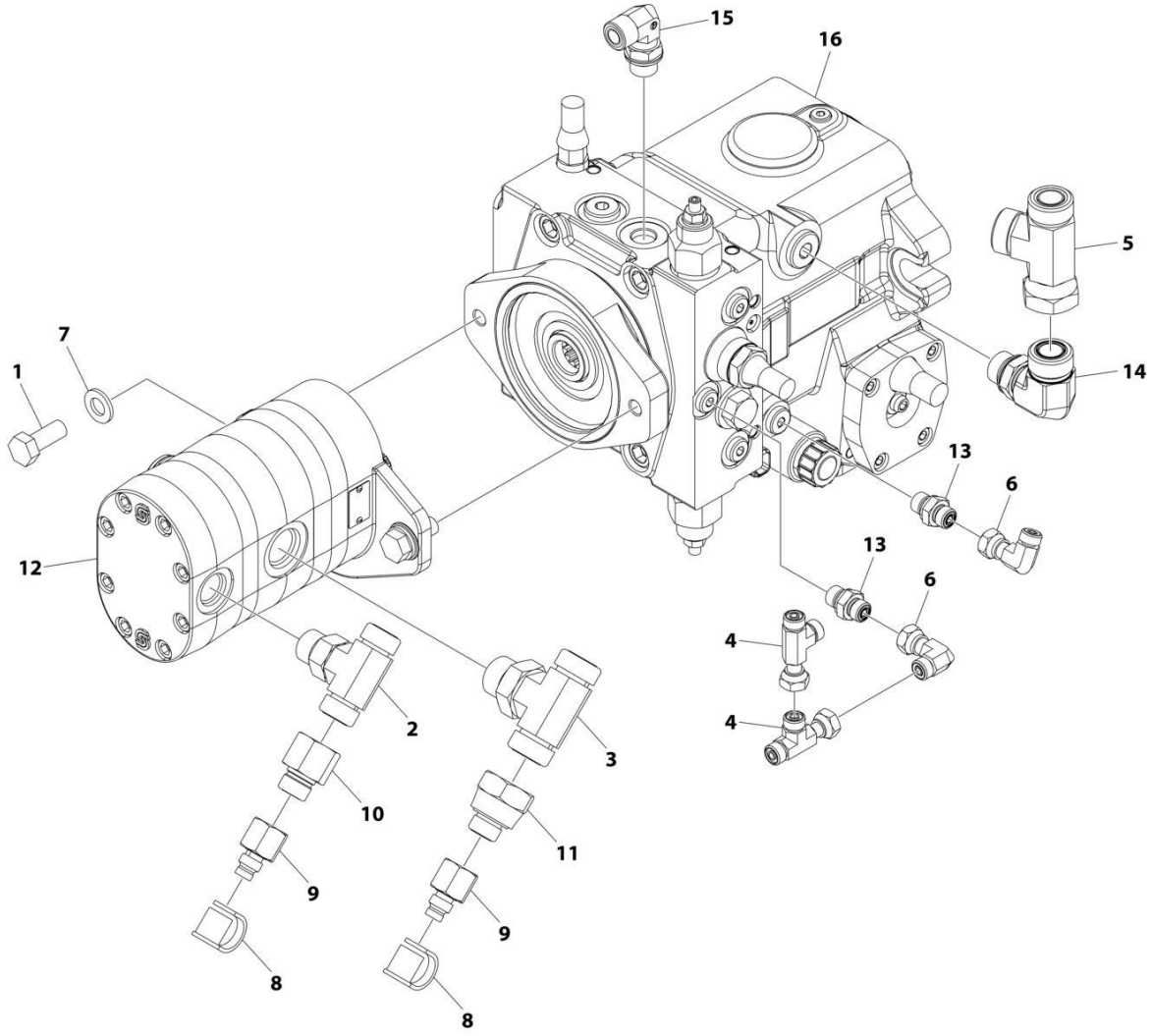


FIGURE 4-20. HYDROSTATIC DRIVE PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282169	Ref	HYDROSTATIC DRIVE PUMP ASSEMBLY	B
1	0761214	2	Bolt M12 x 30	
2	2170410	1	Fitting, Tee	
3	2170412	1	Fitting, Tee ORFS/ORF/ORB	
4	2170704	2	Fitting, Tee	
5	2170712	1	Fitting, Tee ORFS/ORFS/ORFS	
6	2172104	2	Fitting, 90 ORFS/FSORFS	
7	4812100	2	Washer M12	
8	8430032	2	Dust Cap	
9	8430082	2	Fitting, Diagnostic	
10	8770296	1	Fitting, Straight FSORFS/ORFS	
11	88662480	1	Fitting	
12	1001139997	1	Pump Assembly - Gear (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
13	1001274267	1	Fitting, Straight ORFS/MST	
14	1001274269	1	Fitting, 90 ORFS/MST	
15	1001168054	1	Fitting, 90 ORFS/MST	
16	1001282168	1	Pump Assembly - Hydrostatic Drive (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
17	1001299210	1	Fitting	

FIGURE 4-21. HEATER LINES INSTALLATION

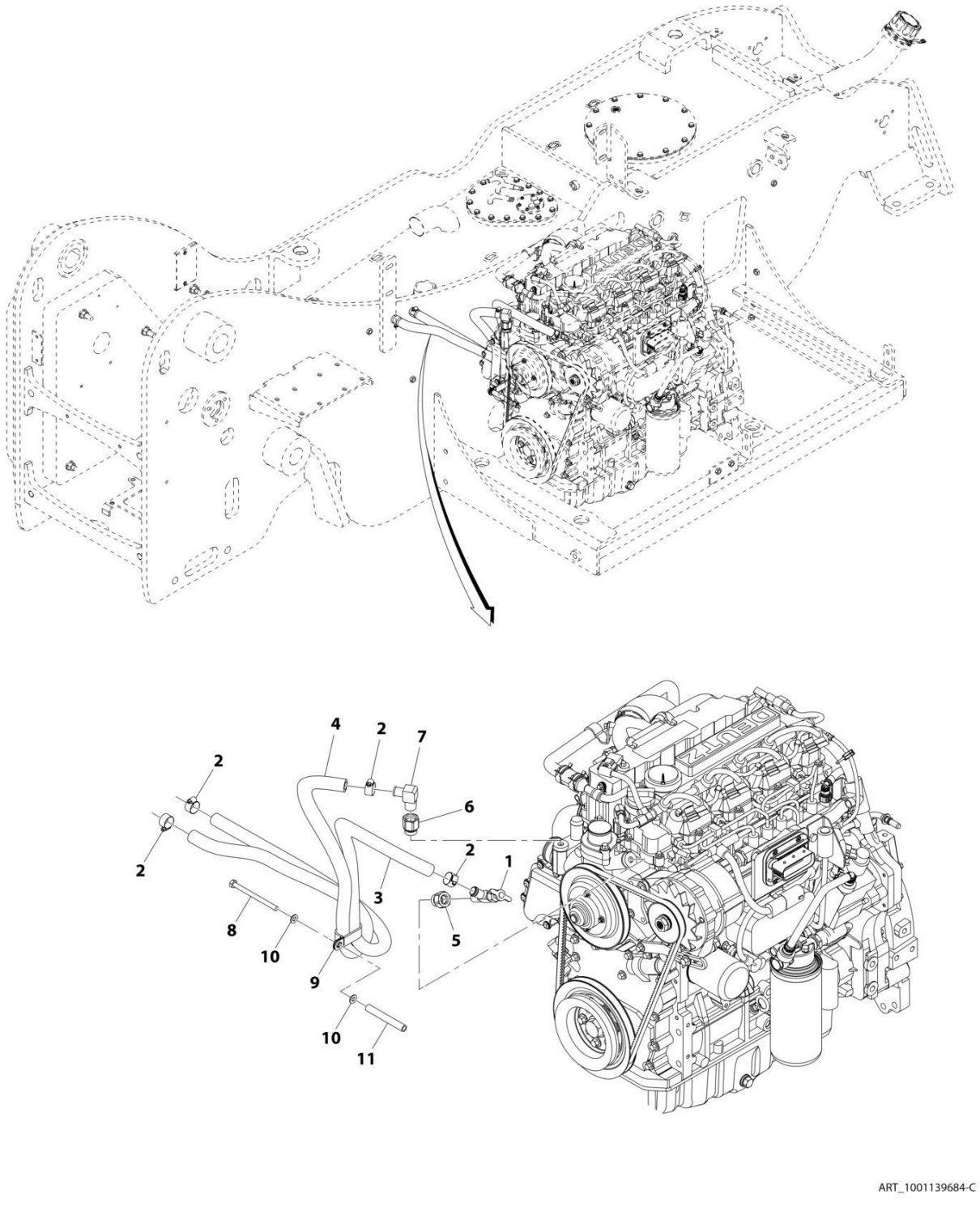


FIGURE 4-21. HEATER LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139684	Ref	Heater Lines Installation	C
1	8360005	1	Shut-Off Valve	
2	8410009	4	Gear Clamp	
3	1001143254	1	Cab Heater Hose	
4	1001143255	1	Cab Heater Hose	
5	1001143467	1	Straight Adapter	
6	1001143468	1	Straight Adapter	
7	84712749	1	Brass Elbow	
8	0760828	1	Hex HD Capscrew, M8X110, GR8.8	
9	1321716	1	Clamp	
10	8307222	2	Plain Washer, M8	
11	1001157088	1	Sleeve	

FIGURE 4-22. LUBRICITY DOSER INSTALLATION (MIRROR)

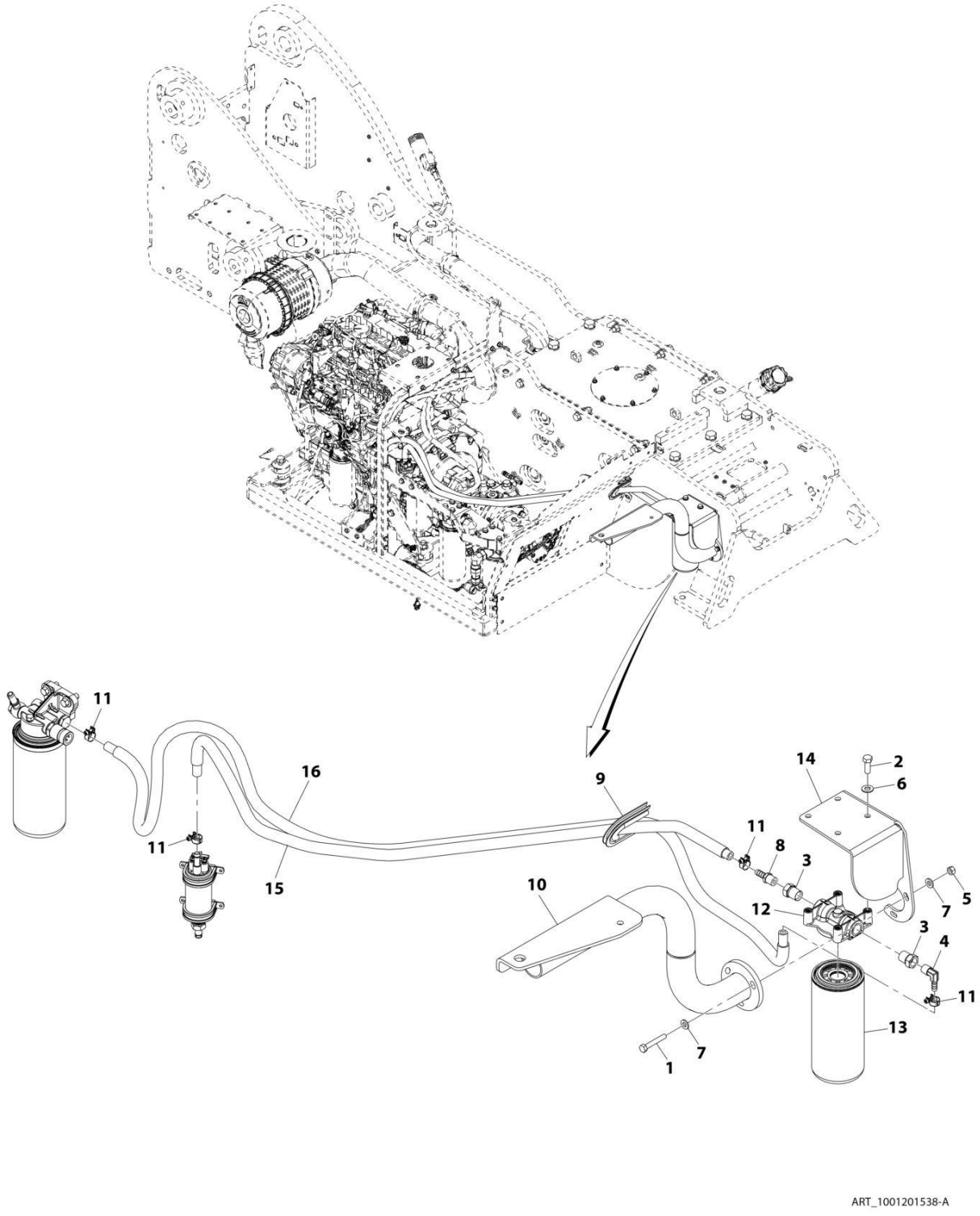


FIGURE 4-22. LUBRICITY DOSER INSTALLATION (MIRROR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201538	Ref	LUBRICITY DOSER INSTALLATION (MIRROR)	A
1	0641516	3	Bolt 5/16 x 2	
2	0681608	4	Bolt 3/8 x 1	
3	2220251	2	Adapter, Straight	
4	2220313	1	Barb Fitting, 90	
5	3311505	3	Nut 5/16	
6	4711600	4	Washer 3/8	
7	4891500	6	Washer 5/16	
8	8430068	1	Hose Barb Coupling	
9	1001097160	6 in	Self-Gripping Bulb Seal	
10	1001133822	1	Bracket Headlight	
11	1001136975	4	Fuel Hose Clamp	
12	1001141287	1	Lubricity Doser Mount	
13	1001141591	1	Lubricity Doser Element Filter	
14	1001146575	1	Doser Bracket	
15	1001165202	1	Engine Fuel Supply Hose	
16	1001165203	1	Engine Fuel Supply Hose	

FIGURE 4-23. LUBRICITY DOSER INSTALLATION (LIGHT & MIRROR)

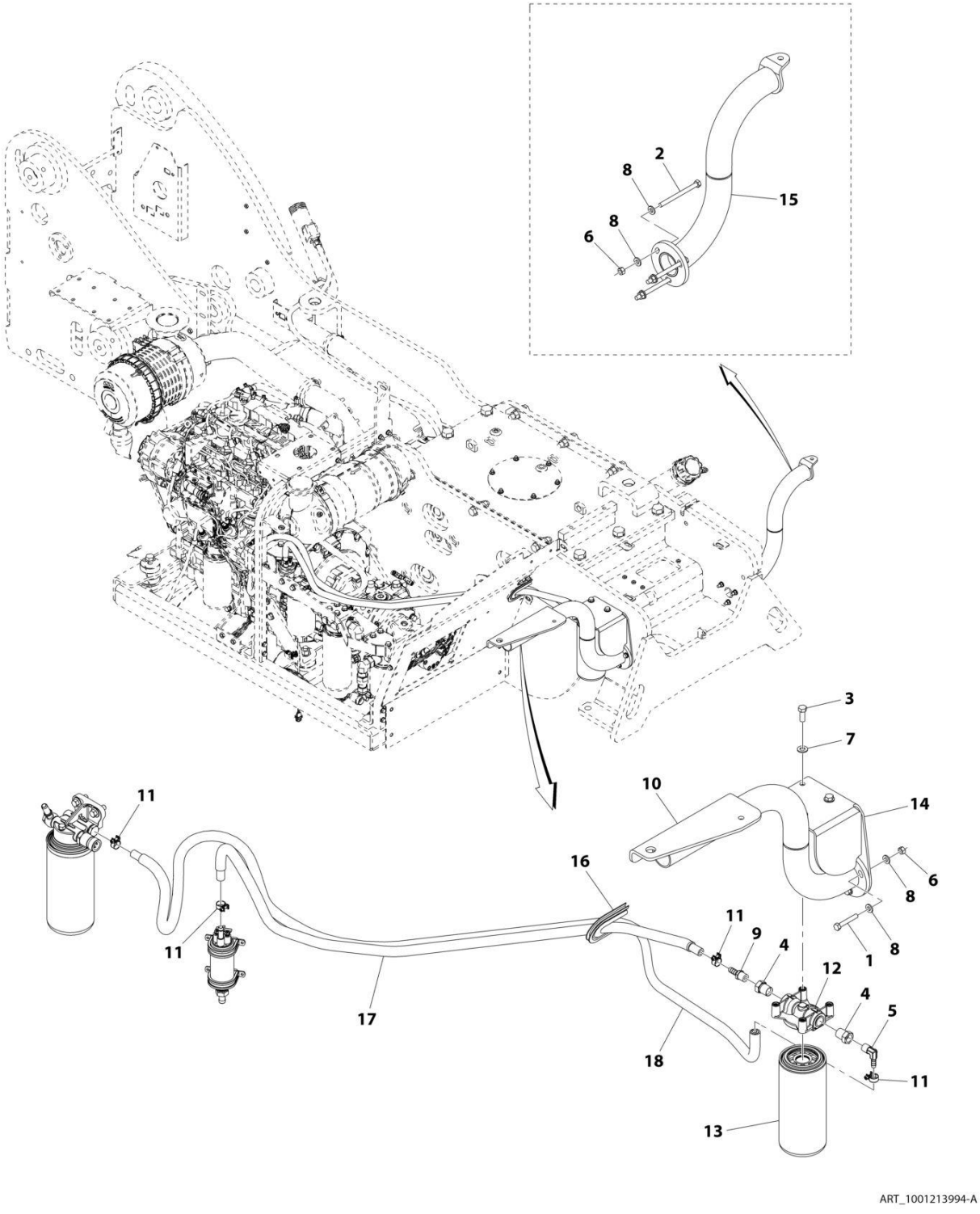


FIGURE 4-23. LUBRICITY DOSER INSTALLATION (LIGHT & MIRROR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213994	Ref	Lubricity Doser Installation (Light & Mirror)	A
1	0641516	3	Hex HD Capscrew, 5/16-18X2	
2	0641532	3	Hex HD Capscrew, 5/16-18X4	
3	0681608	4	Hex HD Capscrew, 3/8-16X1	
4	2220251	2	Adapter, Straight	
5	2220313	1	Barb Fitting, 90	
6	3311505	6	Hex Locknut, 5/16-18, GR2	
7	4711600	4	Plain Washer, 3/8	
8	4891500	12	Hardened Washer, 5/16	
9	8430068	1	Hose Barb Coupling	
10	1001133822	1	Bracket Headlight	
11	1001136975	4	Fuel Hose Clamp	
12	1001141287	1	Lubricity Doser Mount	
13	1001141591	1	Lubricity Doser Element Filter	
14	1001146575	1	Doser Bracket	
15	1001213955	1	Bracket Headlight Mount	
16	1001097160	6 in	Self-Gripping Bulb Seal	
17	1001165202	1	Engine Fuel Supply Hose	
18	1001165203	1	Engine Fuel Supply Hose	

FIGURE 4-24. QUICKFIT OIL CHANGE ASSEMBLY

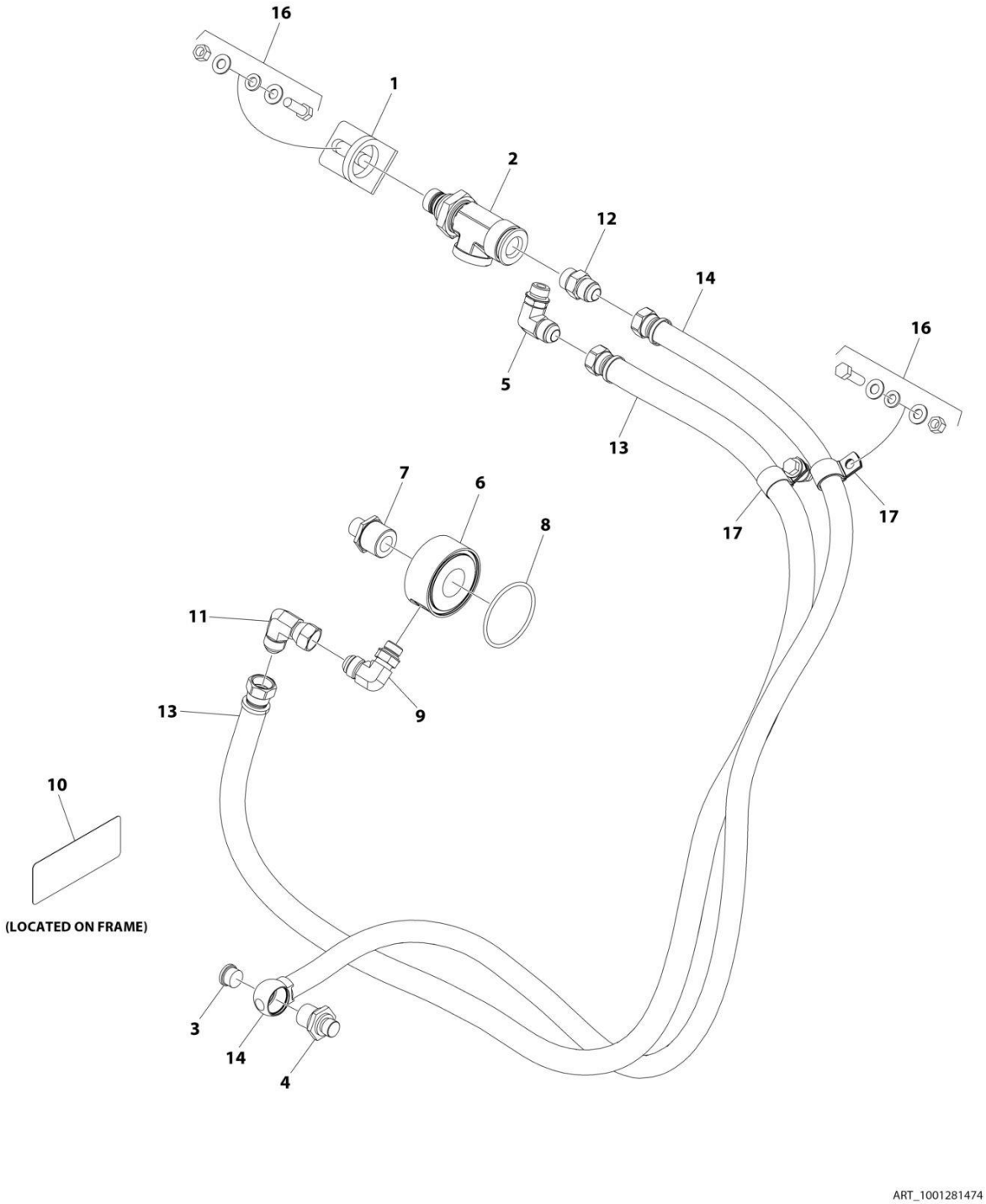


FIGURE 4-24. QUICKFIT OIL CHANGE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281474	Ref	QUICKFIT OIL CHANGE ASSEMBLY	A
1	1001281297	1	Bracket	
2	1001281298	1	Valve, Small Quickfit	
3	1001281304	1	Plug, Quickfit	
4	1001281305	1	Fitting, Straight Quickfit	
5	1001281307	1	Fitting, 90	
6	1001281309	1	Filter, Ring	
7	1001281310	1	Fitting, Straight	
8	1001281311	1	O-Ring	
9	1001281359	1	Fitting, 90	
10	1001281360	1	Decal - RPM Quickfit	
11	1001281403	1	Fitting, 90	
12	1001281404	1	Fitting, Quickfit	
13	1001281406	1	Hose	
14	1001281407	1	Hose	
15	1001281656	2	Tie-Strap (Not Shown)	
16	1001281888	4	Bolt 3/8-16 x 1-1/4	
17	1001282011	2	Clip	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. DRIVETRAIN INSTALLATION

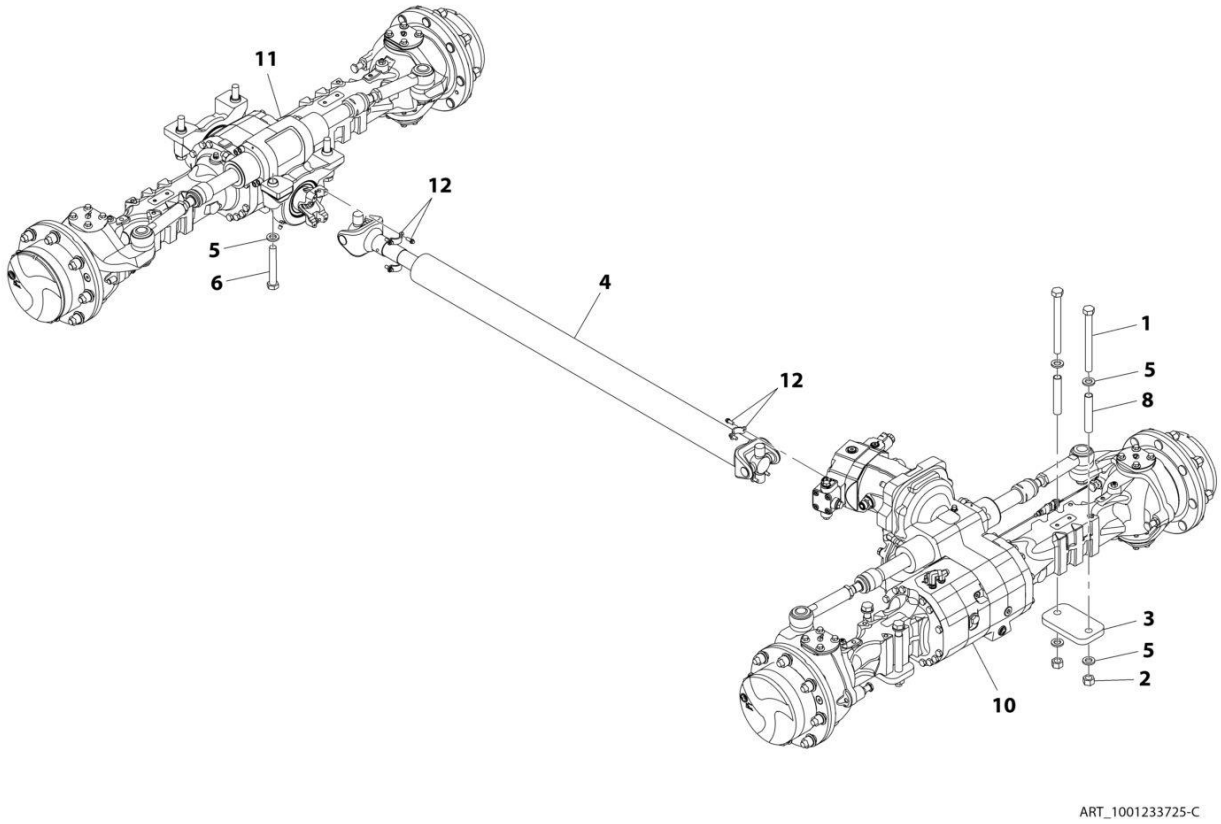


FIGURE 5-1. DRIVETRAIN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233725	Ref	Drive Train Installation	C
1	0682264	4	Hex HD Capscrew, 3/4-10X8, GR8	
2	3272201	4	Hex Nut, 3/4-10, GR8	
3	3576766	2	Mounting Plate	
4	4040291	1	Drive Shaft	
5	4892200	12	Washer, 3/4	
6	91403412	4	Hex HD Capscrew, 3/4-10X5, GR8	
8	1001081071	4	Front Axle Mount Sleeve	
10	1001233723	1	Front Axle Assembly (See Separate Breakdown in this Section)	
11	1001233724	1	Rear Axle Assembly (See Separate Breakdown in this Section)	
12	8880219-OM	2	Strap Kit	
12	8880221	4	Screw	
12	8880220	2	Strap	

FIGURE 5-2. FRONT AXLE ASSEMBLY

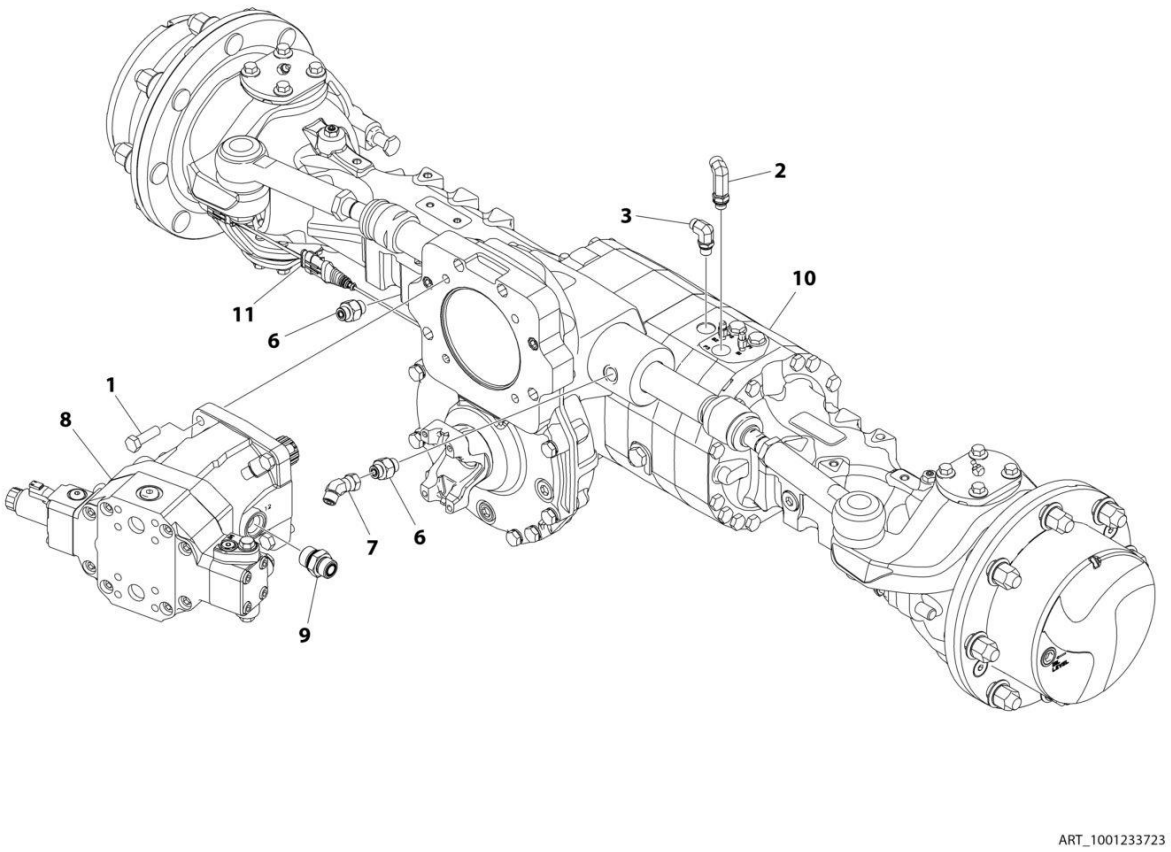
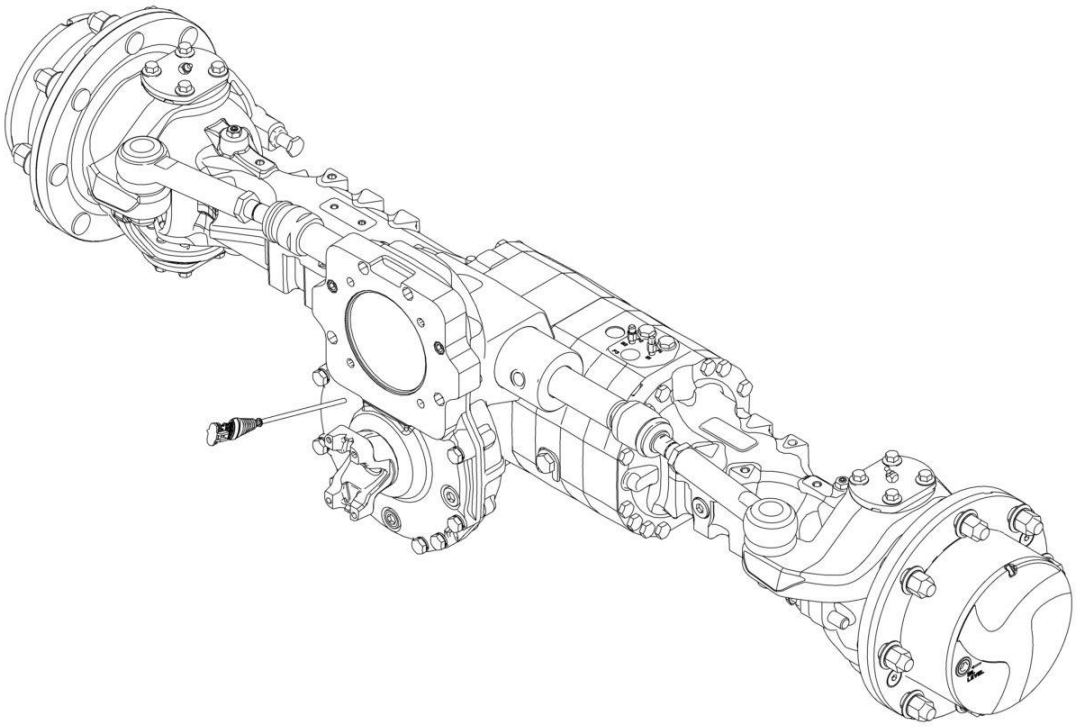


FIGURE 5-2. FRONT AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233723	Ref	FRONT AXLE ASSEMBLY	F
1	0761216	4	Bolt M12 x 40	
2	2221285	1	Elbow, 90	
3	8770241	1	Elbow, 90	
6	1001081333	2	Fitting, Straight	
7	1001105990	1	Fitting, 45	
8	1001138823	1	Hydrostatic Motor (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
9	1001144255	1	Fitting, Straight	
10	1007367100	1	Front Axle (See Separate Breakdown in this Section)	
11	1001234992	1	Speed Sensor Jumper Harness (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 5-3. FRONT AXLE

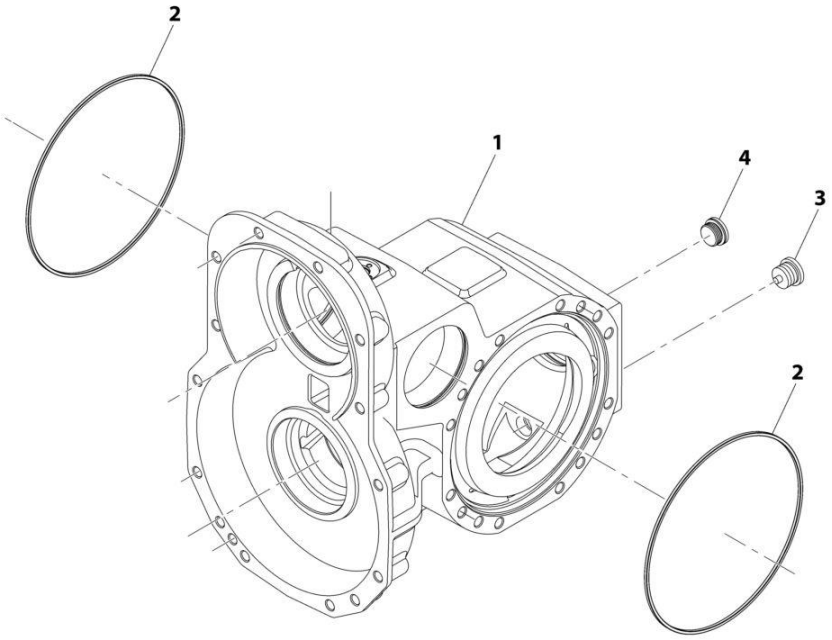


ART_1007367100

FIGURE 5-3. FRONT AXLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367100	Ref	Front Axle	G
		Ref	Front Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Front Axle, Differential (See Separate Breakdown in this Section)	
		Ref	Front Axle, Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Front Axle, Brakes (See Separate Breakdown in this Section)	
		Ref	Front Axle, Steering (See Separate Breakdown in this Section)	

FIGURE 5-4. FRONT AXLE, CENTRAL HOUSING



ART_1007367100_1-F

FIGURE 5-4. FRONT AXLE, CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367100	Ref	FRONT AXLE, CENTRAL HOUSING	G
1	70029265	1	Housing	
2	70021147	2	O-Ring	
3	7028706	1	Magnetic Plug	
4	91514188	1	Plug With Seal Washer	

FIGURE 5-5. FRONT AXLE, DIFFERENTIAL

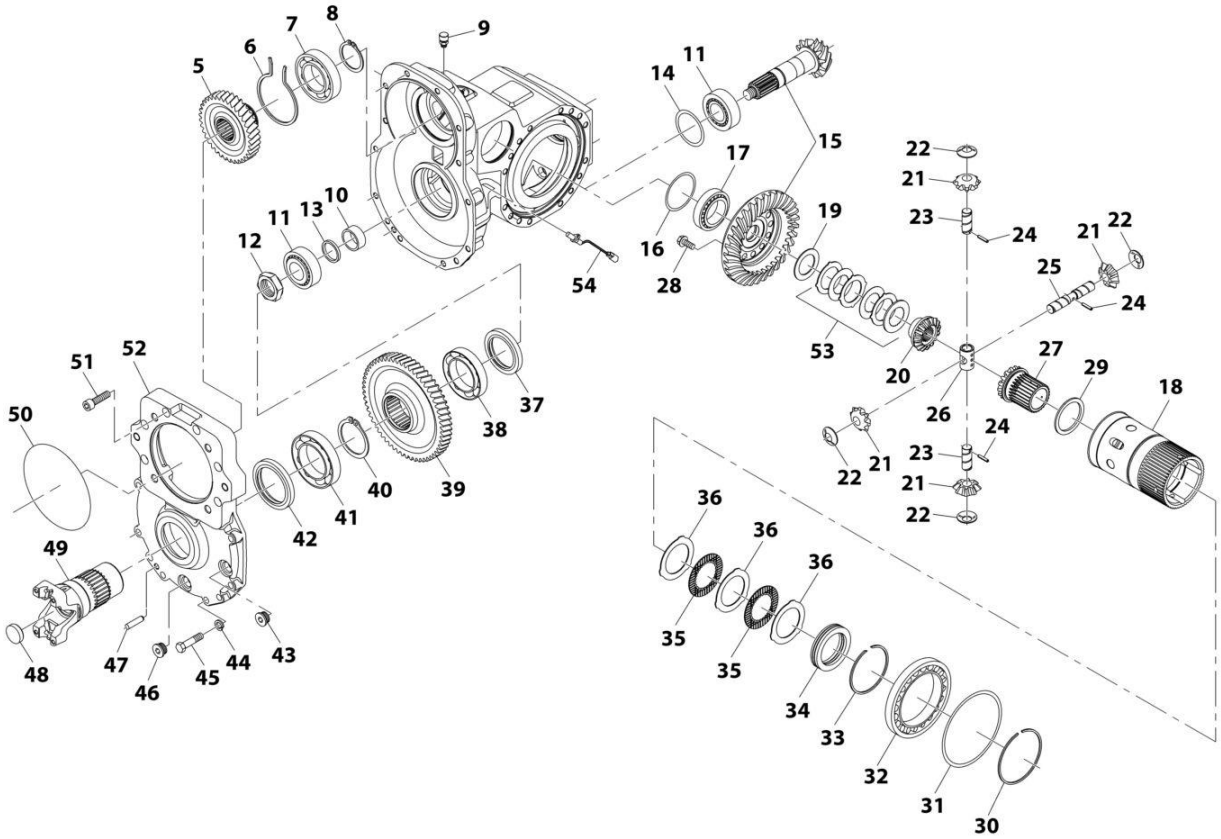


FIGURE 5-5. FRONT AXLE, DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367100	Ref	FRONT AXLE, DIFFERENTIAL	G
5	70024863	1	Gear	
6	70020230	1	Circlip	
7	70020231	1	Ball Bearing	
8	70020232	1	Circlip	
9	91474512	1	Plug	
10	70024864	1	Spacer	
11	70020234	2	Bearing	
12	70020235	1	Ring Nut	
13	70024927	1	Shim Kit	
14	70024866	1	Shim Kit	
15	70029266	1	Bevel Gear Set	
16	70024929	1	Shim Kit	
17	70020240	1	Tapered Roller Bearing	
18	70021939	1	Differential Carrier	
19	70029267	1	Friction Washer	
20	70020243	1	Differential Side Gear	
21	70020244	4	Differential Pinion	
22	70020245	4	Friction Washer	
23	70021929	2	Pin	
24	70020247	3	Dowel	
25	70021928	1	Pin	
26	70020249	1	Shaft Retainer	
27	70020250	1	Differential Side Gear	
28	70020251	12	Bolt	
29	70020252	1	Friction Washer	
30	70020253	1	Circlip	
31	70027859	1	Shim Kit	
32	3984301	1	Bearing	
33	70020255	1	Circlip	
34	70020256	1	Bearing	
35	70020257	7	Clutch Disc	
36	70020258	8	Intermediate Clutch	
37	70020259	1	Seal	
38	70020260	1	Ball Bearing	
39	70020261	1	Gear	
40	70020262	1	Circlip	
41	80204178	1	Ball Bearing	
42	70020263	1	Seal	
43	70028389	1	Plug	
44	80204147	8	Spring Washer	
45	70024873	8	Bolt	
46	70028388	1	Plug	
47	70020265	1	Dowel	
48	70020266	1	Plug	
49	70020267	1	Flange	
50	70024874	1	O-Ring	
51	70020269	6	Cylinder Bolt	
52	70024875	1	Cover	
53	70020271	1	Clutch Disc	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	70029268	1	Speed Sensor	

FIGURE 5-6. FRONT AXLE, HUB REDUCTION

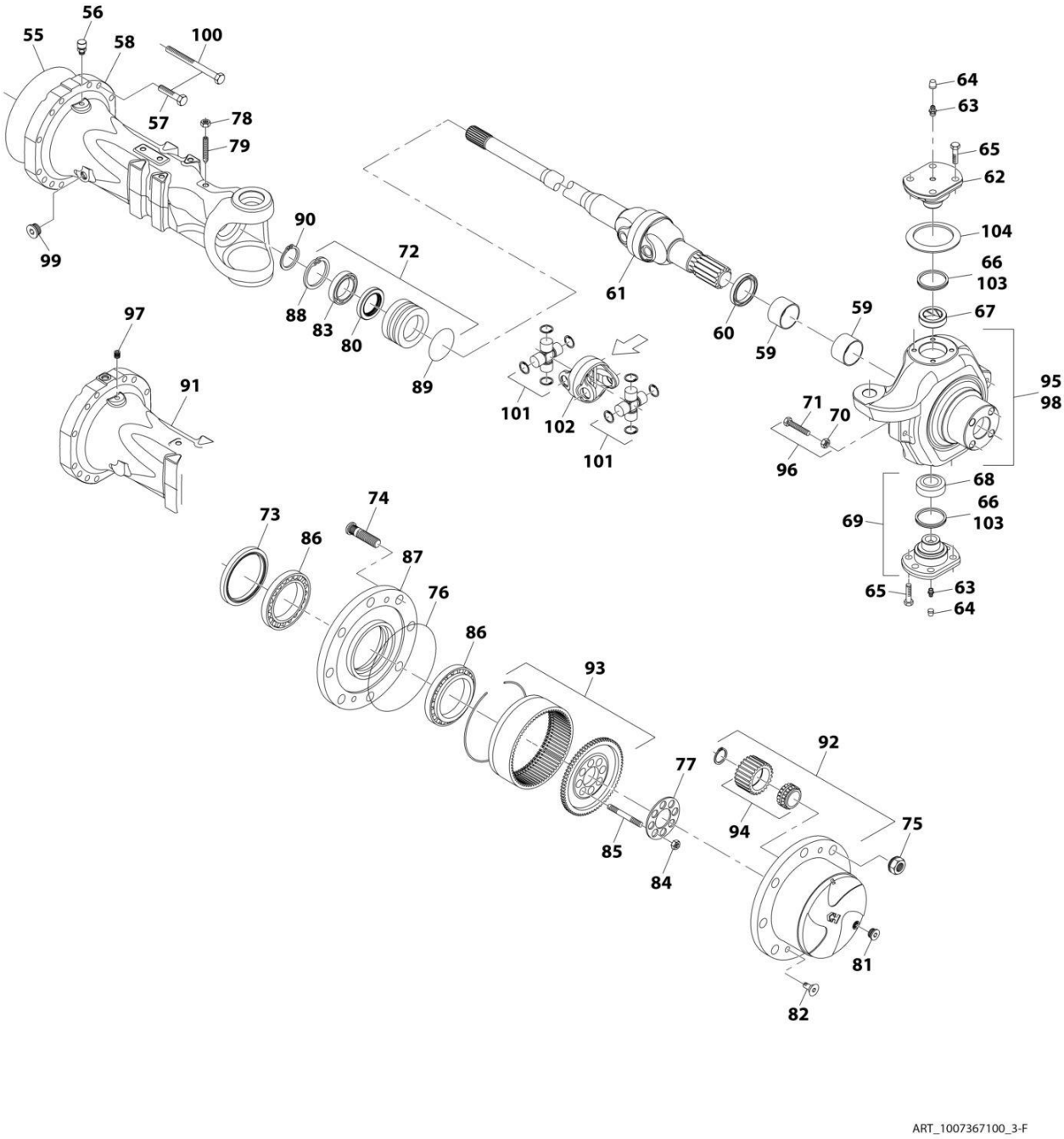


FIGURE 5-6. FRONT AXLE, HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367100	Ref	FRONT AXLE, HUB REDUCTION	G
55	70021147	2	O-Ring	
56	91474512	1	Vent	
57	70024878	14	Bolt	
58	70029269	1	Axle Case	
59	70021150	2	Thrust Bushing	
60	70021151	2	Seal	
61	70029270	2	Universal Joint & Shaft	
62	70029271	2	Pivot Pin	
63	70024881	4	Grease Fitting	
64	80204117	4	Plug	
65	70025562	20	Bolt	
66	70021155	2	Seal	
67	70029272	2	Reduction Bushing	
68	70029273	2	Articulation	
69	70029274	2	Pivot Pin	
70	80204065	4	Nut	
71	91514117	4	Bolt	
72	70029275	2	Reduction Bushing	
73	70029276	2	Seal	
74	70024883	16	Wheel Stud	
75	70026875	NLA	Nut (No Longer Available, Use Item 70030769)	
75	70030769	16	Nut	
76	91474507	2	O-Ring	
77	3983731	2	Locking Plate	
78	80204172	2	Nut	
79	70029277	2	Bolt	
80	70029278	2	Seal	
81	7028706	2	Magnetic Plug	
82	91514189	4	Countersunk Bolt	
83	70029279	2	Bearing	
84	91474584	8	Nut	
85	70027315	8	Stud	
86	3984301	4	Bearing	
87	70029280	2	Wheel Hub	
88	70029281	2	Circlip	
89	70029282	2	O-Ring	
90	70029283	2	Circlip	
91	70029284	1	Axle Case	
92	70029285	2	Planet Gear Carrier Kit (See Separate Breakdown in this Section)	
93	7029432	2	Ring Gear Support Kit (See Separate Breakdown in this Section)	
94	70027114	6	Planet Gear Kit	
95	70029286	1	Steering Case Kit (LF, RR) (See Separate Breakdown in this Section)	
96	7028733	4	Steering Adjust Bolt Kit	
97	80204012	1	Plug	
98	70029287	1	Steering Case Kit (RF, LR) (See Separate Breakdown in this Section)	
99	91514188	1	Plug W/ Sealing Washer	
100	70029288	14	Hex Bolt	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	70029289	2	Joint Cross	
102	70029290	1	Joint Center Section	
103	70029291	2	Dust Excluder	
104	70029292	4	Spring	

FIGURE 5-7. FRONT AXLE, BRAKES

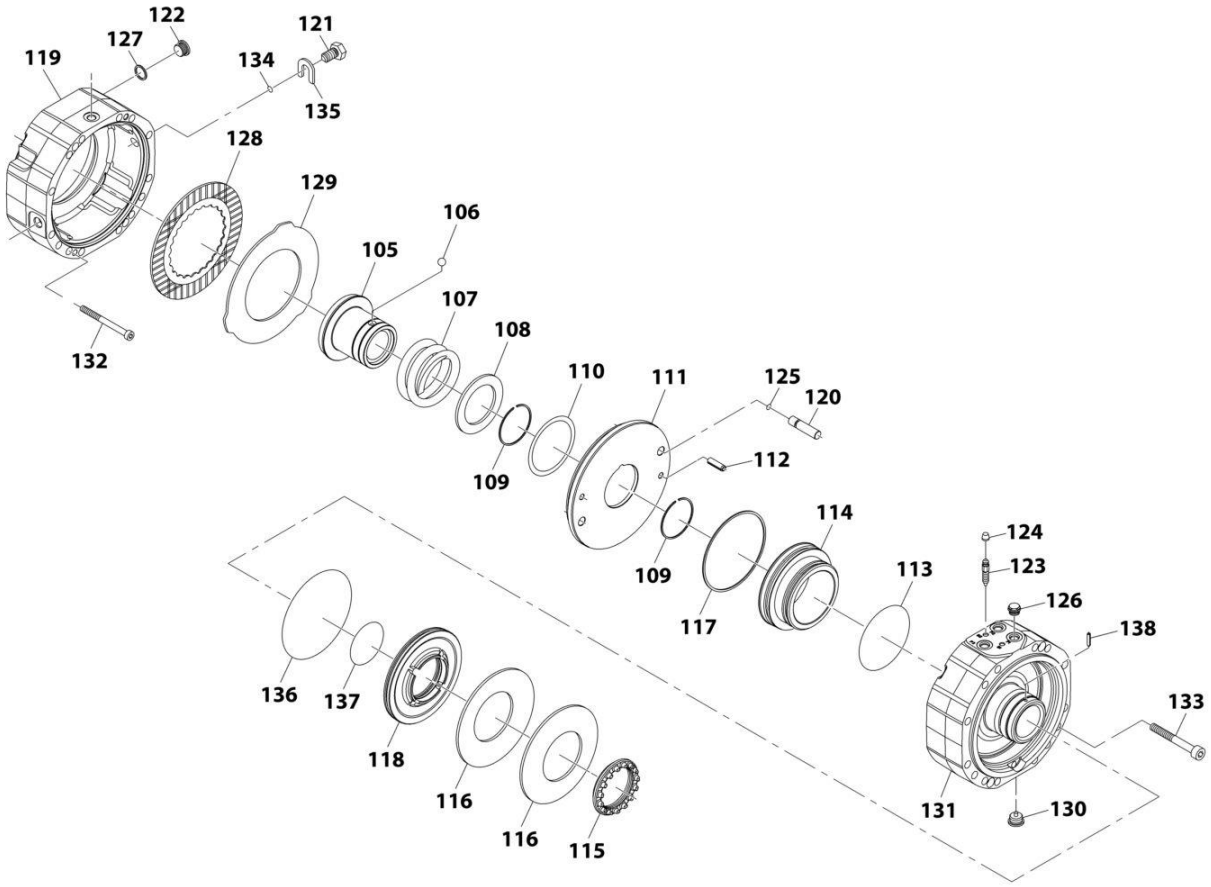


FIGURE 5-7. FRONT AXLE, BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367100	Ref	FRONT AXLE, BRAKES	G
105	70021942	1	Reduction Bushing	
106	70020276	2	Detend Ball	
107	70020285	1	Spring	
108	70021941	1	Spacer	
109	70020284	2	Circlip	
110	70027862	1	Shim Kit	
111	70021940	1	Intermediate Brake Disc	
112	70029293	2	Roll Pin	
113	70028884	1	O-Ring, Anti-Twist	
114	70020280	1	Piston	
115	70020296	1	Ring Nut	
116	70020295	2	Spring	
117	70026263	1	Seal	
118	70024897	1	Piston	
119	70029294	1	Steering Axle Housing	
120	70020291	3	Pin	
121	70020297	2	Bolt	
122	70029295	1	Plug	
123	80204281	2	Bleeding Bolt	
124	80204117	2	Plug	
125	70020290	3	O-Ring	
126	70020282	1	Plug	
127	70029296	1	Washer	
128	70020273	6	Brake Disc	
129	70024528	6	Disc, Intermediate Brake	
130	7028706	1	Magnetic Plug	
131	70029297	1	Steering Axle Housing	
132	70029298	2	Cylinder Bolt	
133	70029299	3	Cylinder Bolt	
134	80204111	2	O-Ring	
135	70020298	2	Spacer	
136	70020292	1	O-Ring	
137	70020293	1	O-Ring	
138	70020247	1	Dowel	

FIGURE 5-8. FRONT AXLE, STEERING

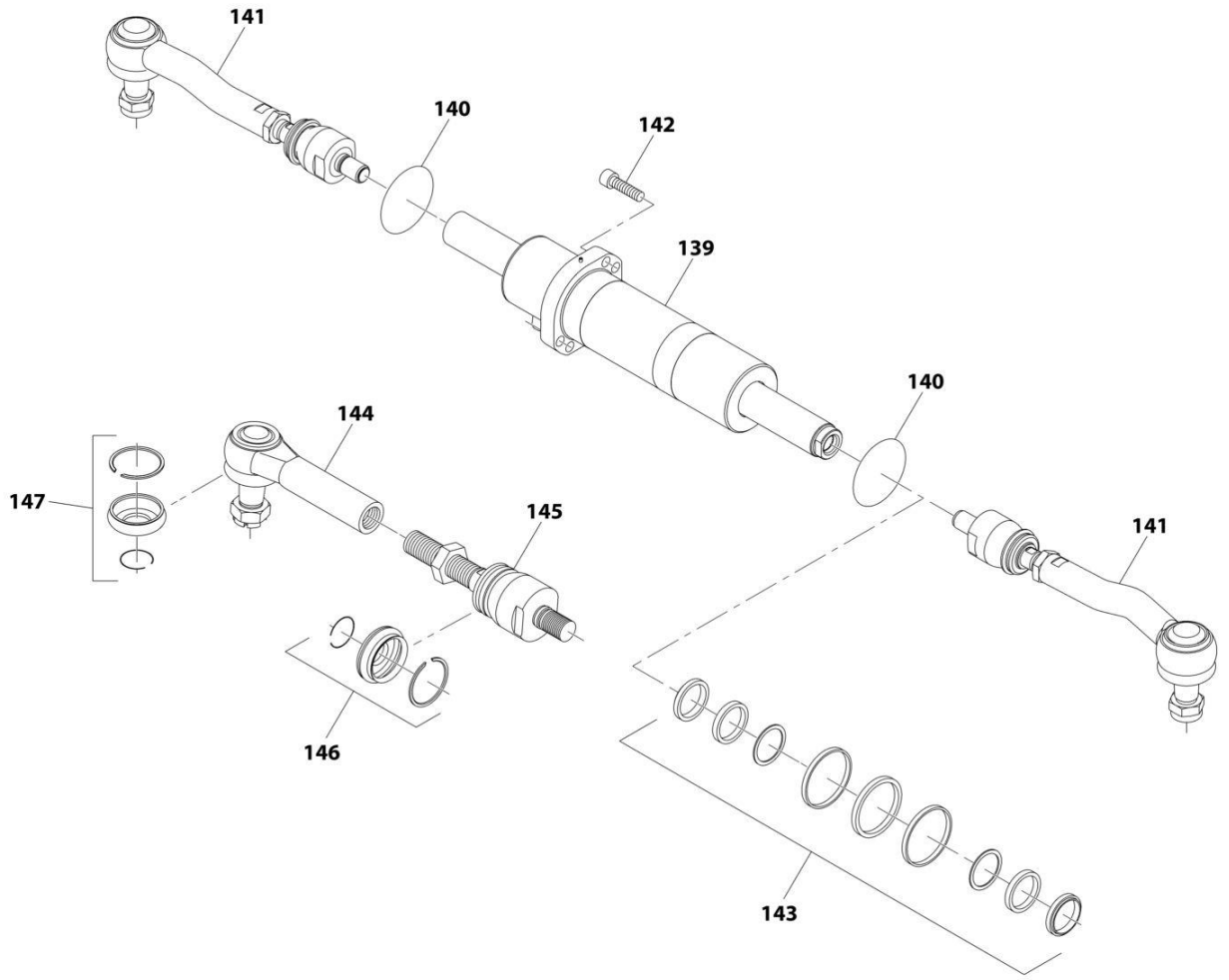


FIGURE 5-8. FRONT AXLE, STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367100	Ref	FRONT AXLE, STEERING	G
139	70023035	1	Steer Cylinder	
140	70020301	2	O-Ring	
141	70020302	2	Tie Rod	
142	70020269	4	Cylinder Bolt	
143	70023036	1	Seal Kit, Steer Cylinder	
144	70029300	1	Joint, 90 Degree	
145	70029301	1	Axle Joint	
146	70027866	1	Rubber Boot and Locking Ring Kit	
147	70027865	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-9. REAR AXLE ASSEMBLY

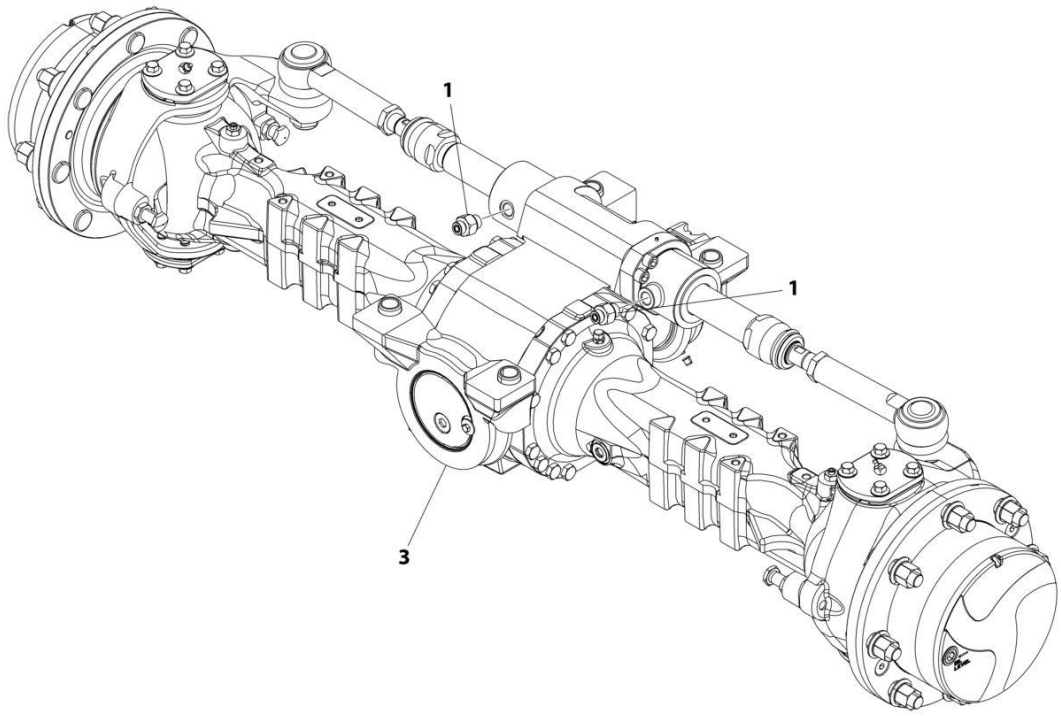
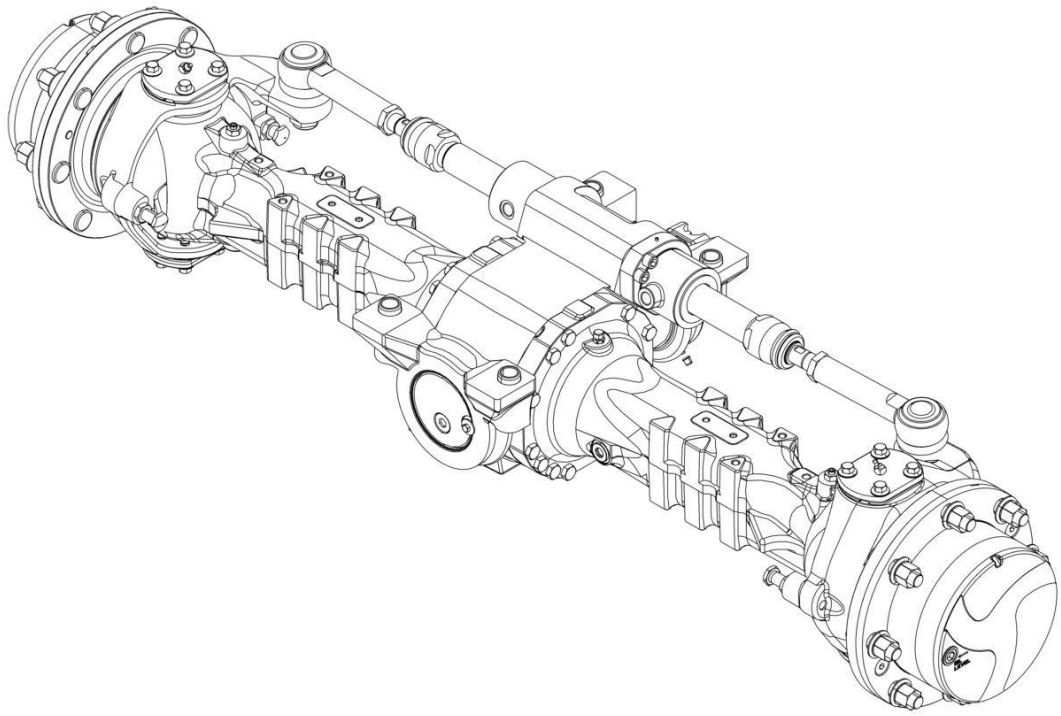


FIGURE 5-9. REAR AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233724	Ref	Rear Axle Assembly	C
1	1001081333	2	Fitting	
3	1007367300	1	Rear Axle (See Separate Breakdown in this Section)	

FIGURE 5-10. REAR AXLE



ART_1007367300

FIGURE 5-10. REAR AXLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367300	Ref	Rear Axle	F
		Ref	Rear Axle, Central Housing (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Differential (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Steering (See Separate Breakdown in this Section)	
		Ref	Rear Axle, Trunion (See Separate Breakdown in this Section)	

FIGURE 5-11. REAR AXLE, CENTRAL HOUSING

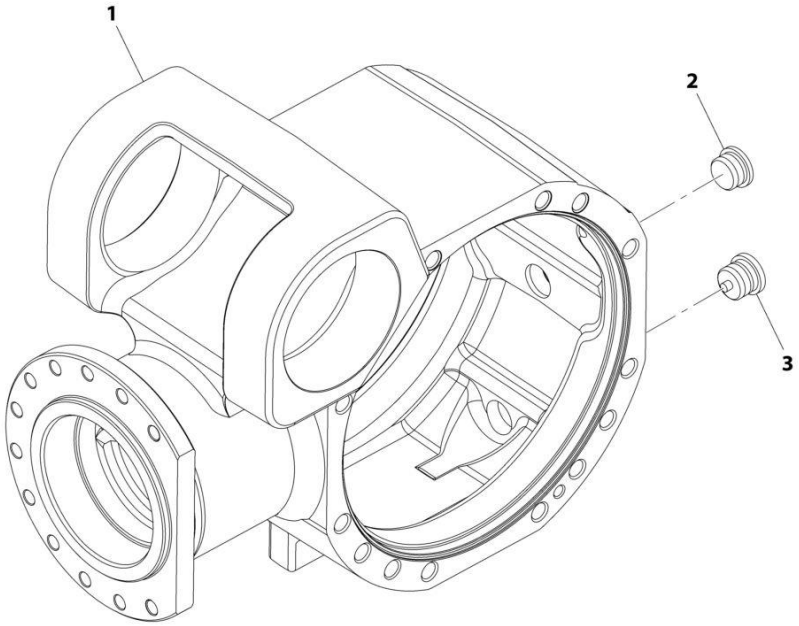


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FIGURE 5-11. REAR AXLE, CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367300	Ref	REAR AXLE, CENTRAL HOUSING	F
1	70029265	1	Housing	
2	91514188	1	Plug	
3	7028706	1	Magnetic Plug	

FIGURE 5-12. REAR AXLE, DIFFERENTIAL

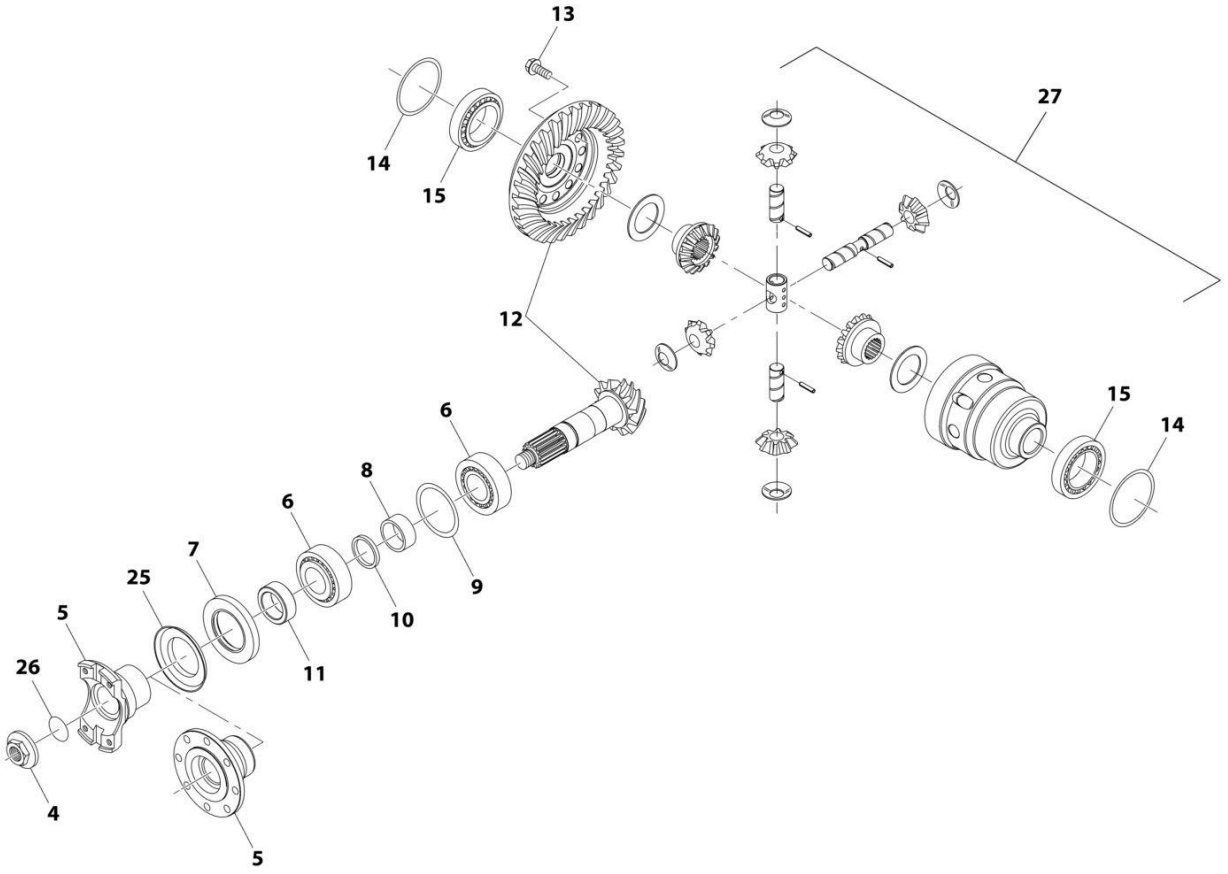


FIGURE 5-12. REAR AXLE, DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367300	Ref	REAR AXLE, DIFFERENTIAL	F
4	80204213	1	Nut	
5	70020288	1	Flange	
6	70020234	2	Bearing	
7	91474532	1	Seal	
8	70020233	1	Spacer	
9	70024866	1	Shim Kit	
10	70024927	1	Shim Kit	
11	70020303	1	Spacer	
12	70029302	1	Bevel Gear Set	
13	70020251	12	Bolt	
14	70024929	1	Shim Kit	
15	70020240	2	Tapered Roller Bearing	
25	70021076	1	Cover Plate	
26	70021196	1	O-Ring	
27	70029303	1	Differential Kit (See Separate Breakdown in this Section)	

FIGURE 5-13. REAR AXLE, HUB REDUCTION

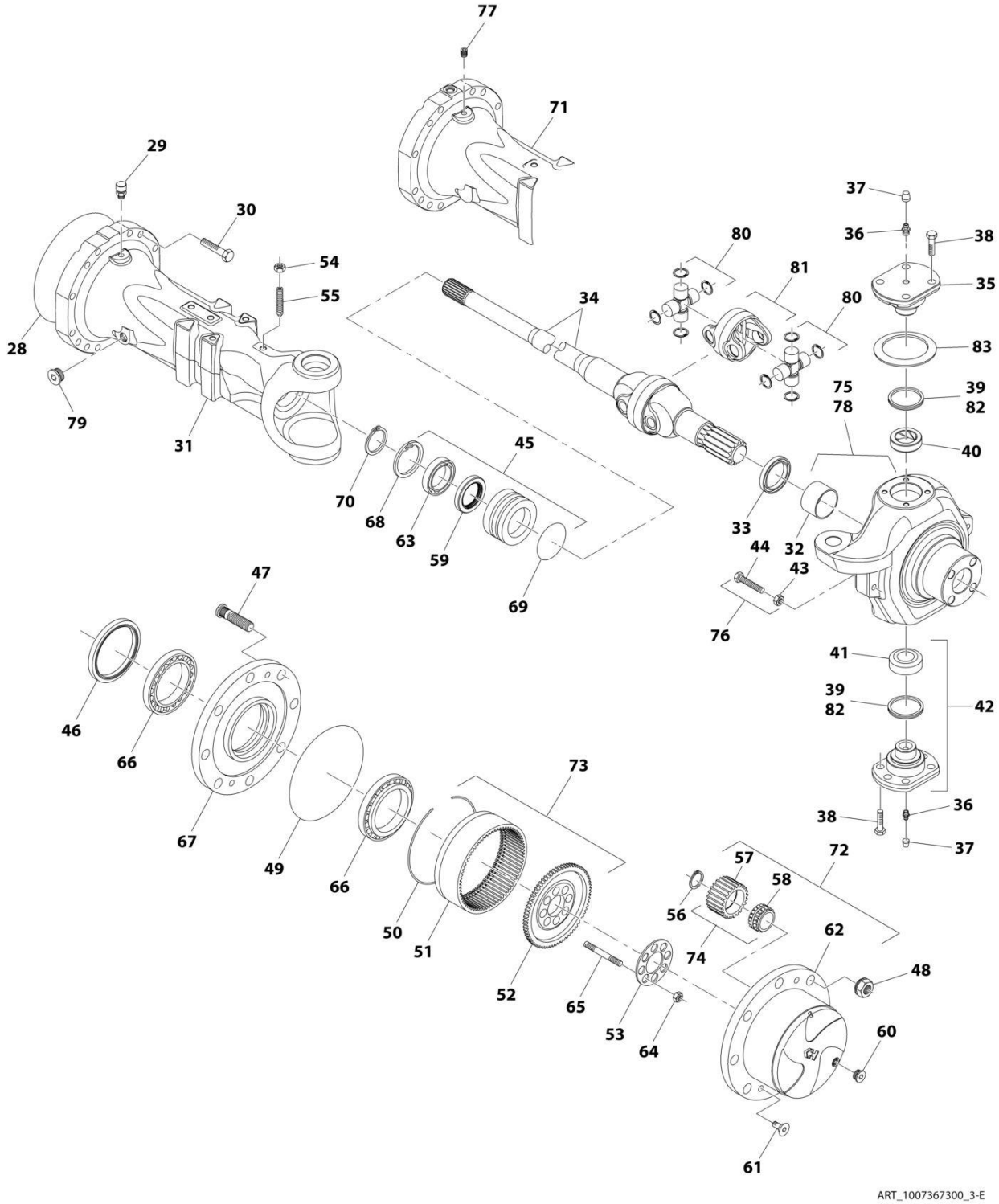


FIGURE 5-13. REAR AXLE, HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367300	Ref	REAR AXLE, HUB REDUCTION	F
28	70021147	2	O-Ring	
29	91474512	1	Breather	
30	70024878	28	Bolt	
31	70029304	1	Axle Case	
32	70021150	2	Bushing	
33	70021151	2	Seal	
34	70029270	2	Universal Joint and Shaft	
35	70029271	2	Pivot Pin	
36	70024881	4	Grease Fitting	
37	80204117	4	Plug	
38	70025562	20	Bolt	
39	70021155	2	Seal	
40	70029272	2	Reduction Bushing	
41	70029273	2	Articulation	
42	70029274	2	Pivot Pin	
43	80204065	4	Nut	
44	91514117	4	Bolt	
45	70029275	2	Reduction Bushing	
46	70029276	2	Seal	
47	70024883	16	Wheel Stud	
48	70026875	NLA	Nut (No Longer Available, Use Item 70030769)	
48	70030769	16	Nut	
49	91474507	2	O-Ring	
50	91474579	2	Circlip	
51	91474580	2	Ring Gear	
52	3983720	2	Ring Gear Support	
53	3983731	2	Locking Plate	
54	80204172	2	Nut	
55	70029277	2	Bolt	
56	91474585	3	Circlip	
57	70028473	6	Planet Gear	
58	70028474	6	Bearing	
59	70029278	2	Seal	
60	7028706	2	Magnetic Plug	
61	91514189	4	Bolt, Countersunk	
62	70024888	1	Plant Gear Carrier	
63	70029279	2	Bearing	
64	91474584	8	Nut	
65	70027315	8	Stud	
66	70030251	4	Bearing	
67	70029280	2	Wheel Hub	
68	70029281	2	Circlip	
69	70029282	2	O-Ring	
70	70029283	2	Circlip	
71	70029284	1	Axle Case	
72	70029285	2	Planet Gear Carrier Kit (See Separate Breakdown in this Section)	
73	7029432	2	Ring Gear Support Assembly (See Separate Breakdown in this Section)	
74	70027114	6	Kit, Planet Gear	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
75	70029286	1	Steering Case Kit (LF, RR) (See Separate Breakdown in this Section)	
76	7028733	4	Steering Adjust Bolt Kit	
77	80204012	1	Plug	
78	70029287	1	Steering Case Kit (RF, LR) (See Separate Breakdown in this Section)	
79	70028389	1	Plug	
80	70029289	2	Joint Cross	
81	70029290	1	Joint Center Section	
82	70029291	2	Dust Excluder	
83	70029292	4	Spring	

FIGURE 5-14. REAR AXLE, STEERING

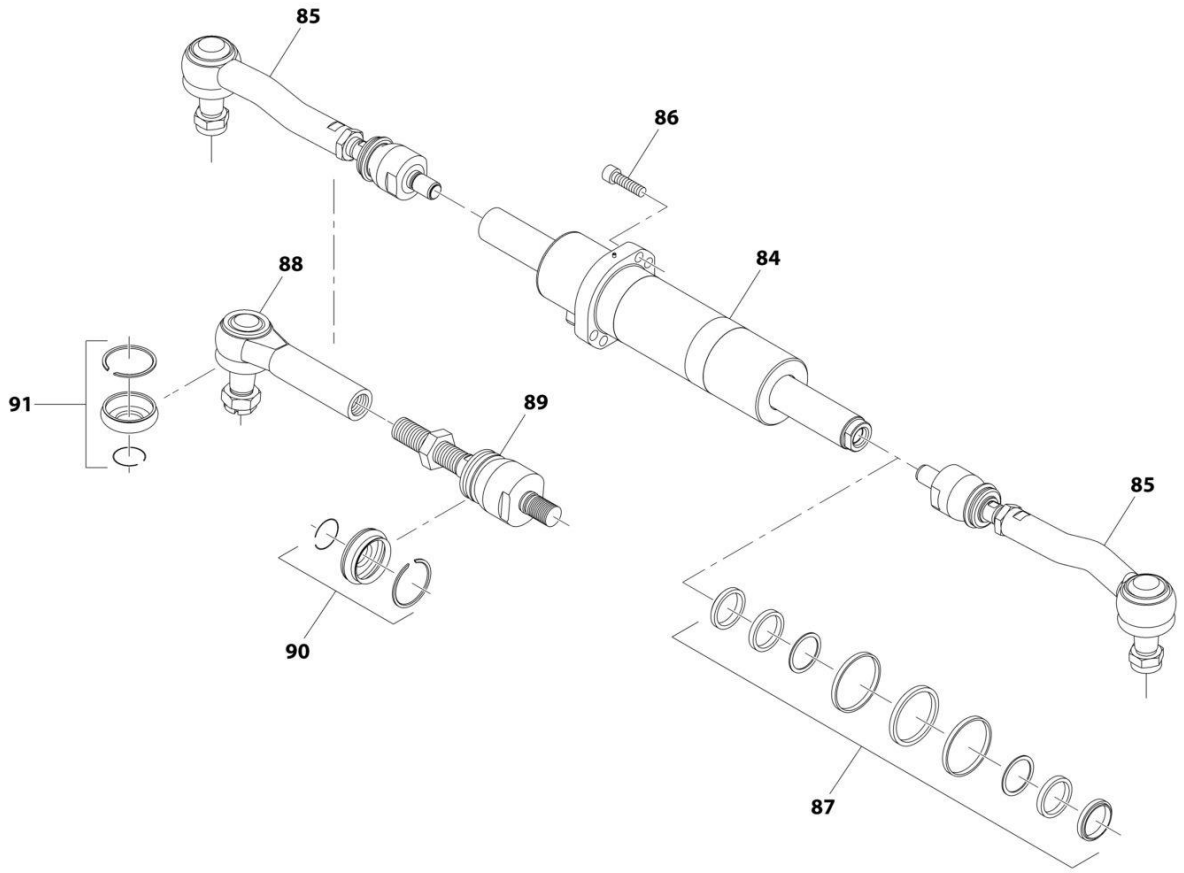


FIGURE 5-14. REAR AXLE, STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367300	Ref	REAR AXLE, STEERING	F
84	70023035	1	Steer Cylinder	
85	70020302	2	Tie Rod	
86	70020269	4	Cylinder Bolt	
87	70023036	1	Seal Kit, Steer Cylinder	
88	70029300	1	Joint, 90 Degree	
89	70029301	1	Axle Joint	
90	70027866	1	Rubber Boot and Locking Ring Kit	
91	70027865	1	Rubber Boot and Locking Ring Kit	

FIGURE 5-15. REAR AXLE, TRUNION

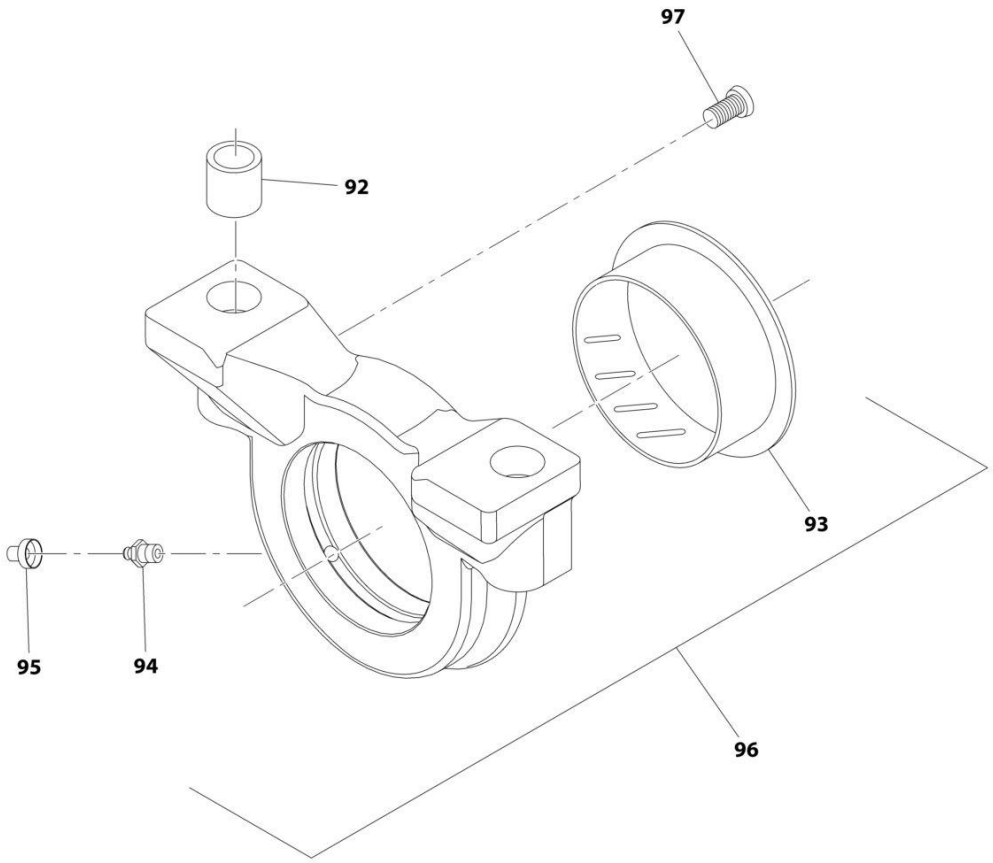


FIGURE 5-15. REAR AXLE, TRUNION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1007367300	Ref	REAR AXLE, TRUNION	F
92	91474516	4	Reduction Bushing	
93	70021198	2	Thrust Bushing	
94	70024881	2	Fitting, Grease	
95	80204117	2	Plug	
96	70021200	2	Support Assembly	
97	70028535	2	Bolt	

FIGURE 5-16. DIFFERENTIAL KIT

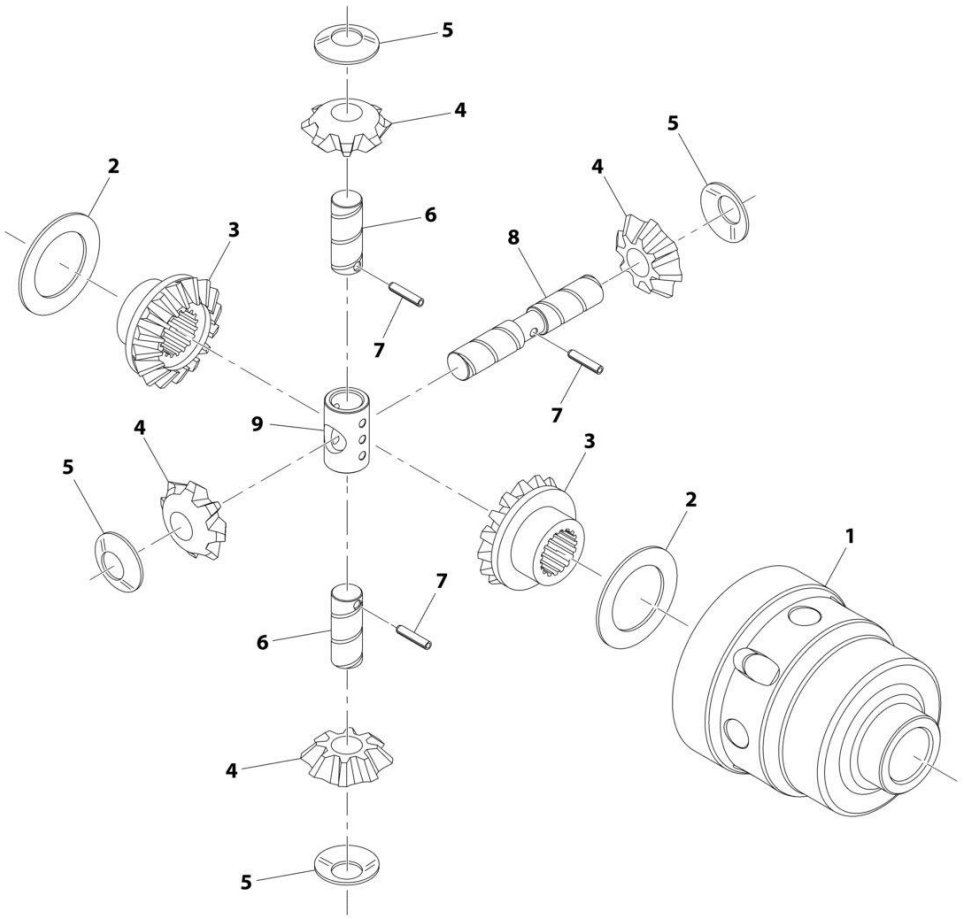
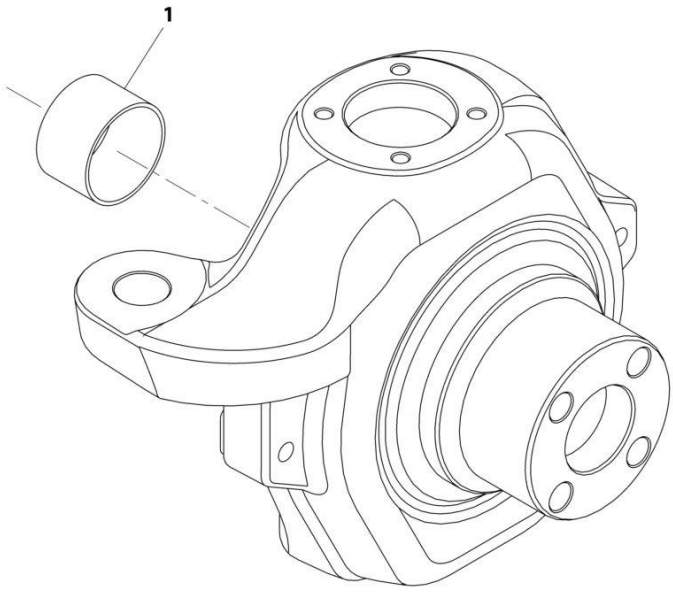


FIGURE 5-16. DIFFERENTIAL KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70029303	Ref	Differential Kit	
1	70020346	1	Differential Carrier	
2	70029267	2	Friction Washer	
3	70021221	2	Differential Side Gear	
4	70020244	4	Differential Pinion	
5	70020245	4	Friction Washer	
6	70021929	2	Pin	
7	70020247	3	Dowel	
8	70021928	1	Pin	
9	70020249	1	Shaft Retainer	

FIGURE 5-17. STEERING CASE KIT (LF/RR)

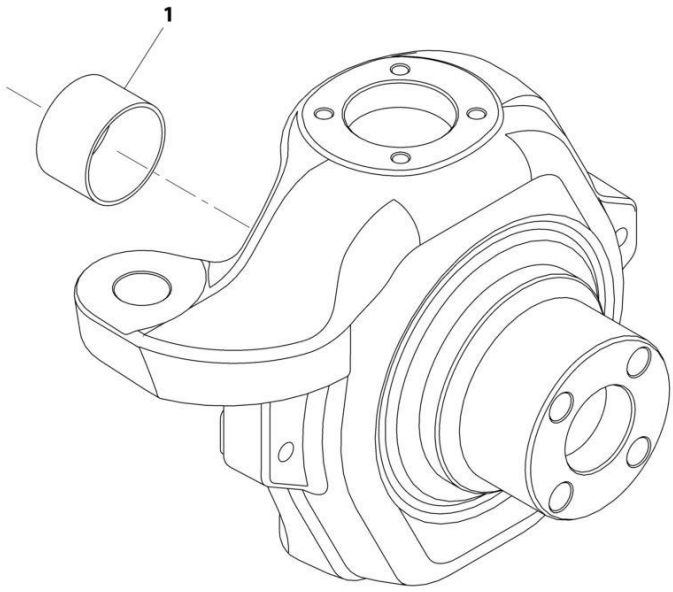


ART_70029286

FIGURE 5-17. STEERING CASE KIT (LF/RR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70029286	Ref	Steering Case Kit (LF, RR)	
1	70021150	2	Thrust Bushing	

FIGURE 5-18. STEERING CASE KIT (RF/LR)



ART_70029287

FIGURE 5-18. STEERING CASE KIT (RF/LR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70029287	Ref	Steering Case Kit (RF, LR)	
1	70021150	2	Thrust Bushing	

FIGURE 5-19. RING GEAR SUPPORT KIT

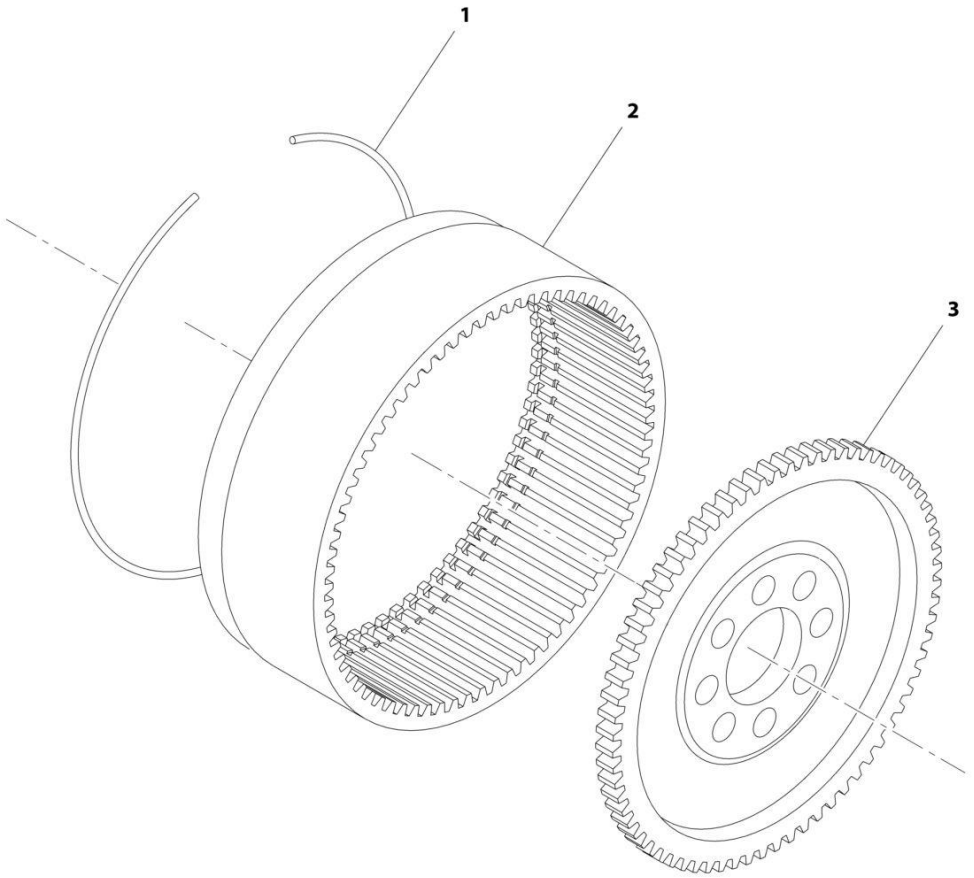
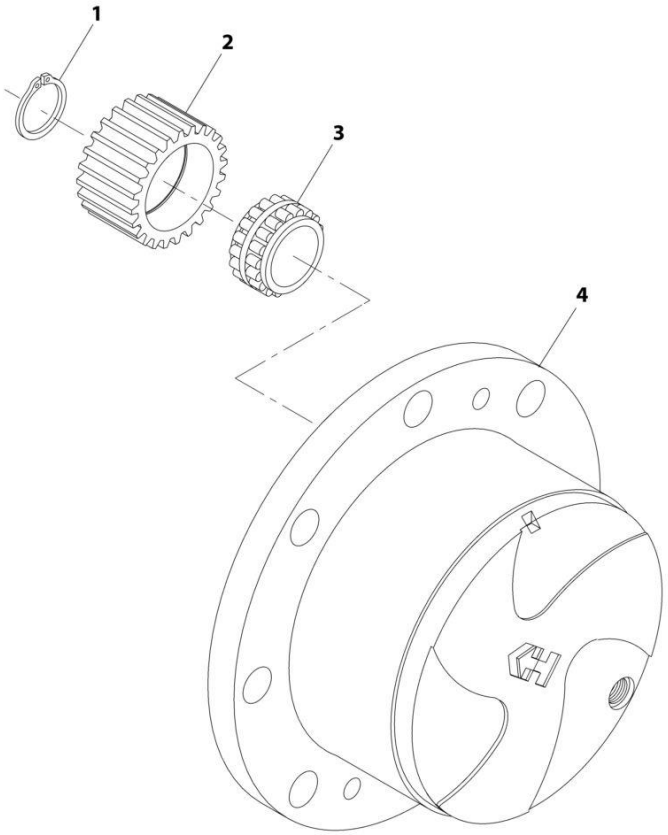


FIGURE 5-19. RING GEAR SUPPORT KIT

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

FIGURE 5-20. PLANET GEAR CARRIER KIT



ART_70029285

FIGURE 5-20. PLANET GEAR CARRIER KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70029285	Ref	Planet Gear Carrier Kit	
1	91474585	3	Circlip	
2	70028473	6	Planet Gear	
3	70028474	6	Bearing	
4	70024888	1	Planet Gear Carrier	

FIGURE 5-21. TIRE/WHEEL SET, CAMSO (AIR 12-16.5 - 12 PLY)

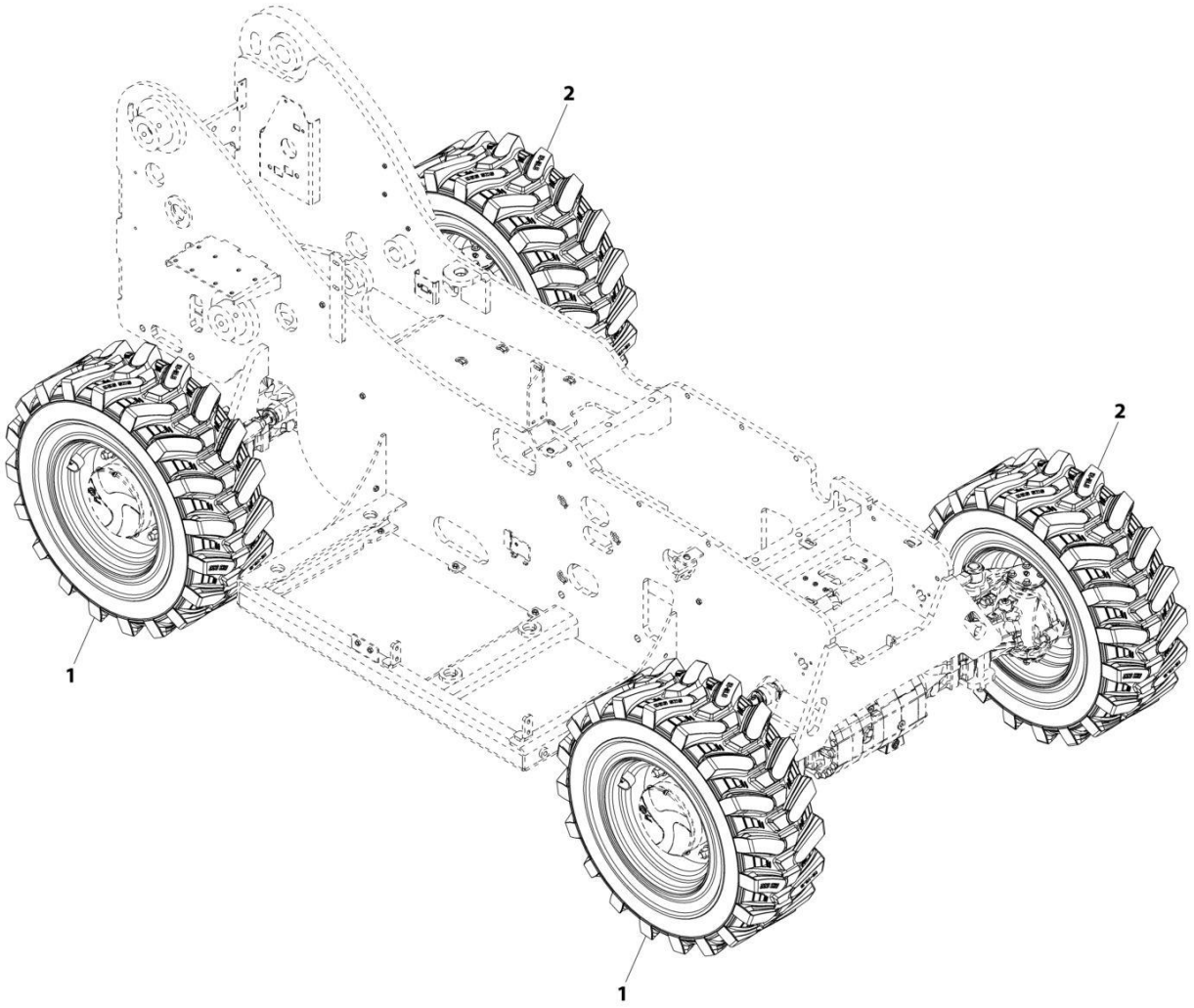


FIGURE 5-21. TIRE/WHEEL SET, CAMSO (AIR 12-16.5 - 12 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236316	Ref	Tire/Wheel Set, Camso (Air 12-16.5 - 12 PLY)	A
1	1001236666	2	Right Tire/Wheel Assembly, Camso (Air 12-16.5 - 12 Ply) (See Separate Breakdown in this Section)	
2	1001236667	2	Left Tire/Wheel Assembly, Camso (Air 12-16.5 - 12 Ply) (See Separate Breakdown in this Section)	

FIGURE 5-22. RIGHT TIRE/WHEEL ASSEMBLY, CAMSO (AIR 12-16.5 - 12 PLY)

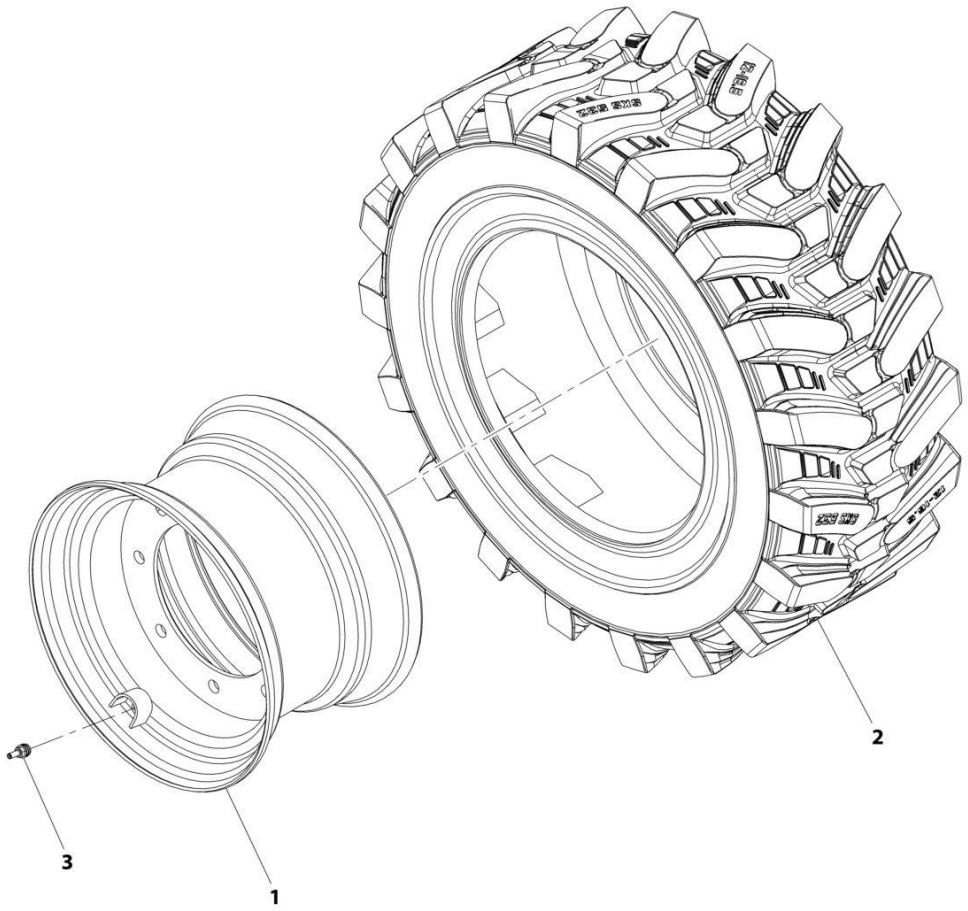
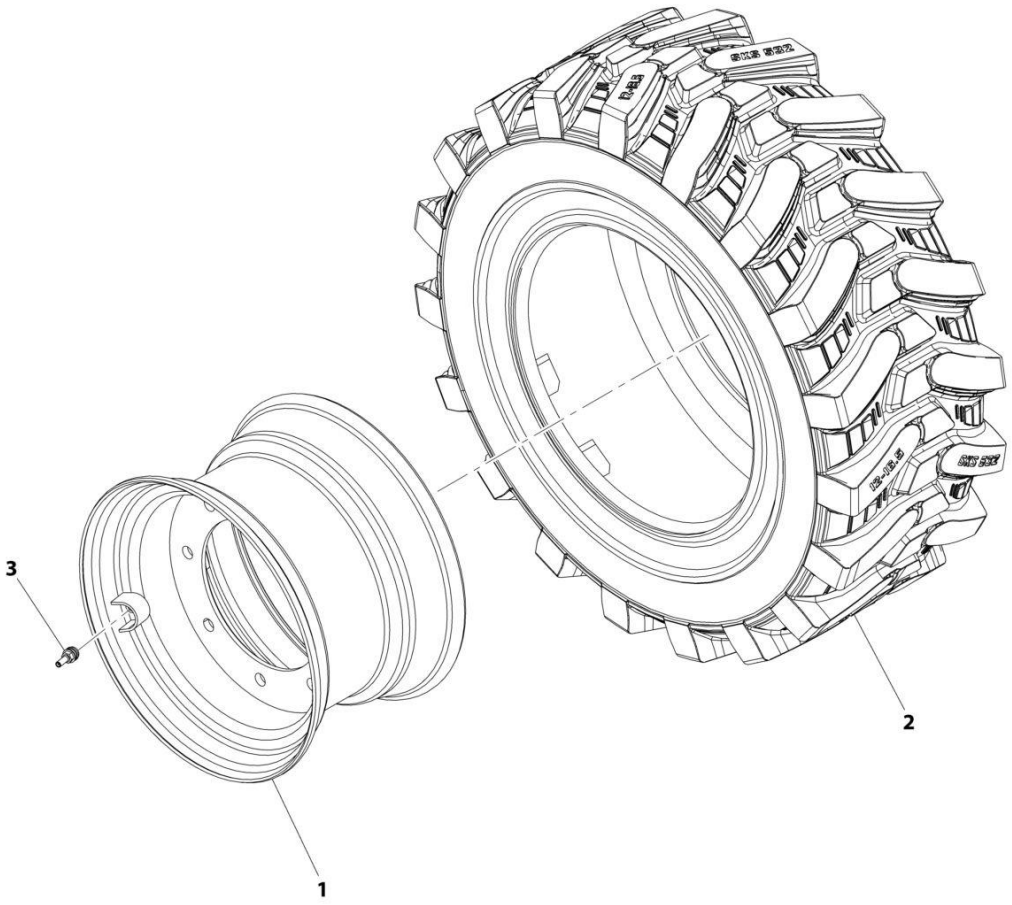


FIGURE 5-22. RIGHT TIRE/WHEEL ASSEMBLY, CAMSO (AIR 12-16.5 - 12 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236666	Ref	Right Tire/Wheel Assembly, Camso (Air 12-16.5 - 12 PLY)	A
1	1001139975	1	Wheel, 16.5X9.75	
2	1001232351	1	Tire, 12-16.5 - 12 Ply	
3	4640163	1	Tire Valve	

FIGURE 5-23. LEFT TIRE/WHEEL ASSEMBLY, CAMSO (AIR 12-16.5 - 12 PLY)



ART_1001236667-A

FIGURE 5-23. LEFT TIRE/WHEEL ASSEMBLY, CAMSO (AIR 12-16.5 - 12 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236667	Ref	Left Tire/Wheel Assembly, Camso (Air 12-16.5 - 12 PLY)	A
1	1001139975	1	Wheel, 16.5X9.75	
2	1001232351	1	Tire, 12-16.5 - 12 Ply	
3	4640163	1	Tire Valve	

FIGURE 5-24. TIRE/WHEEL SET (AIR 14-17.5 - 12 PLY)

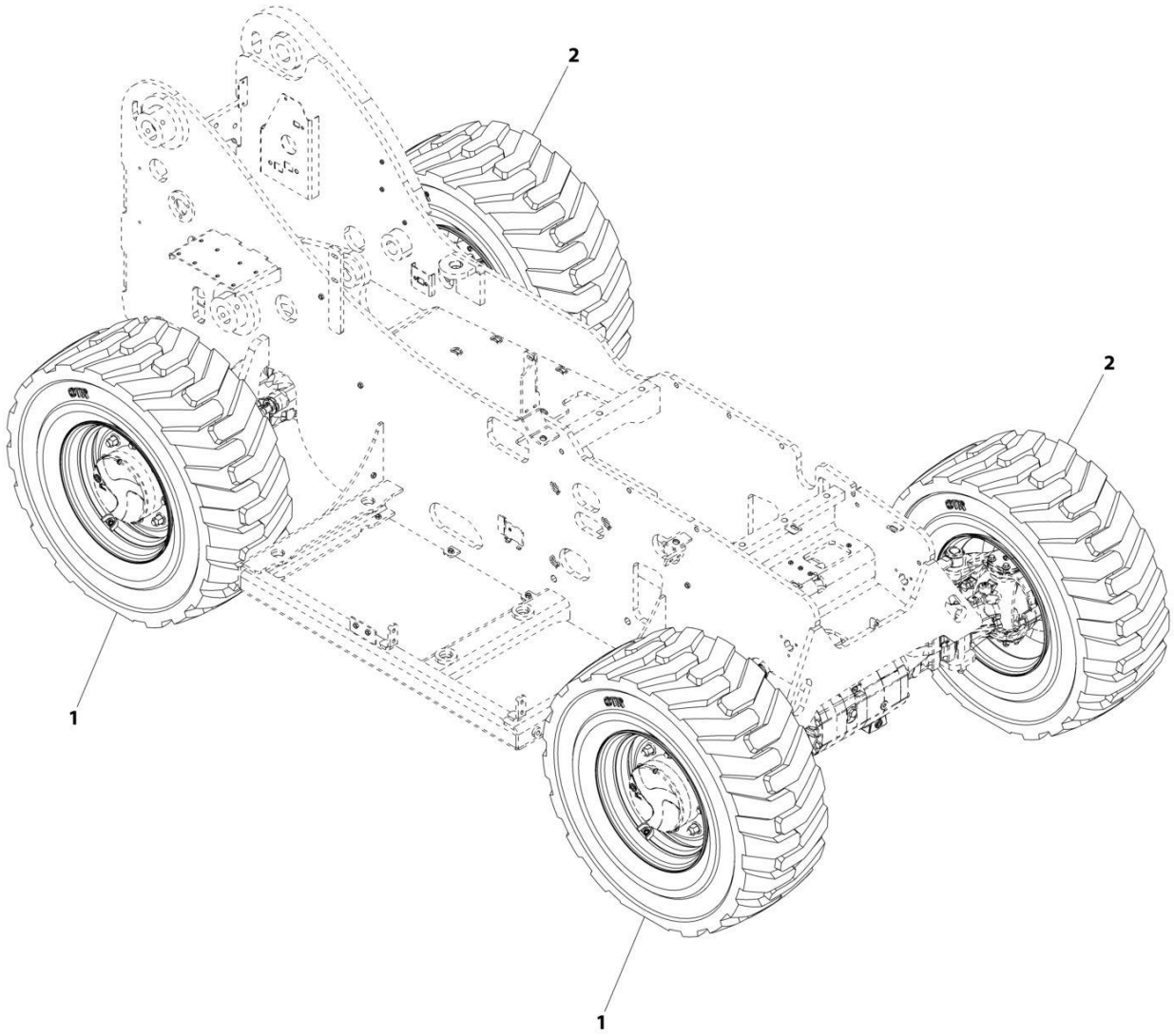


FIGURE 5-24. TIRE/WHEEL SET (AIR 14-17.5 - 12 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236317	Ref	Tire/Wheel Set (Air 14-17.5 - 12 PLY)	A
1	1001140686	2	Right Tire/Wheel Assembly (Air 12-16.5 - 12 Ply) (See Separate Breakdown in this Section)	
2	1001140700	2	Left Tire/Wheel Assembly (Air 12-16.5 - 12 Ply) (See Separate Breakdown in this Section)	

FIGURE 5-25. RIGHT TIRE/WHEEL ASSEMBLY (AIR 12-16.5 - 12 PLY)

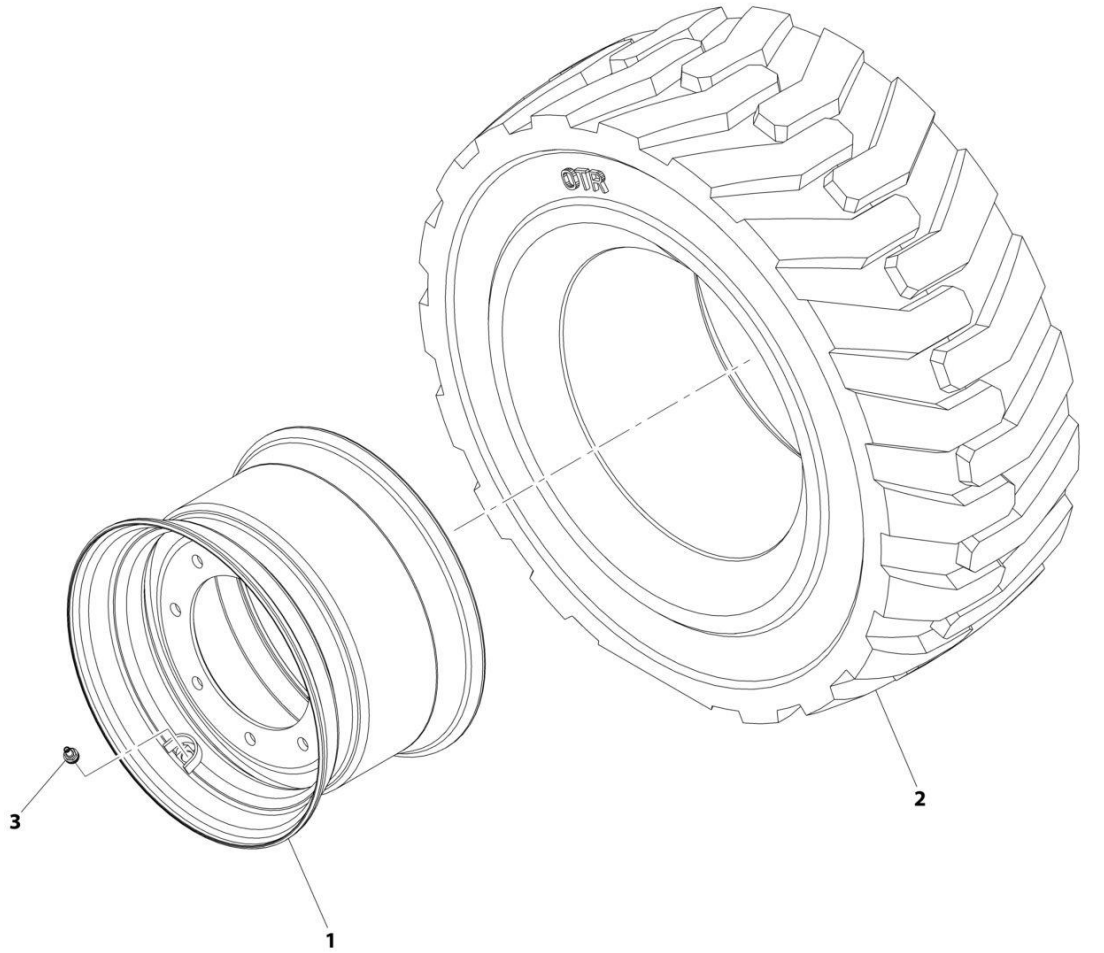


FIGURE 5-25. RIGHT TIRE/WHEEL ASSEMBLY (AIR 12-16.5 - 12 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140686	Ref	Right Tire/Wheel Assembly (Air 12-16.5 - 12 PLY)	F
1	1001139974	1	Wheel, 17.5X10.5	
2	4520259	1	Tire, 14X17.5	
3	4640163	1	Tire Valve	

FIGURE 5-26. LEFT TIRE/WHEEL ASSEMBLY (AIR 12-16.5 - 12 PLY)

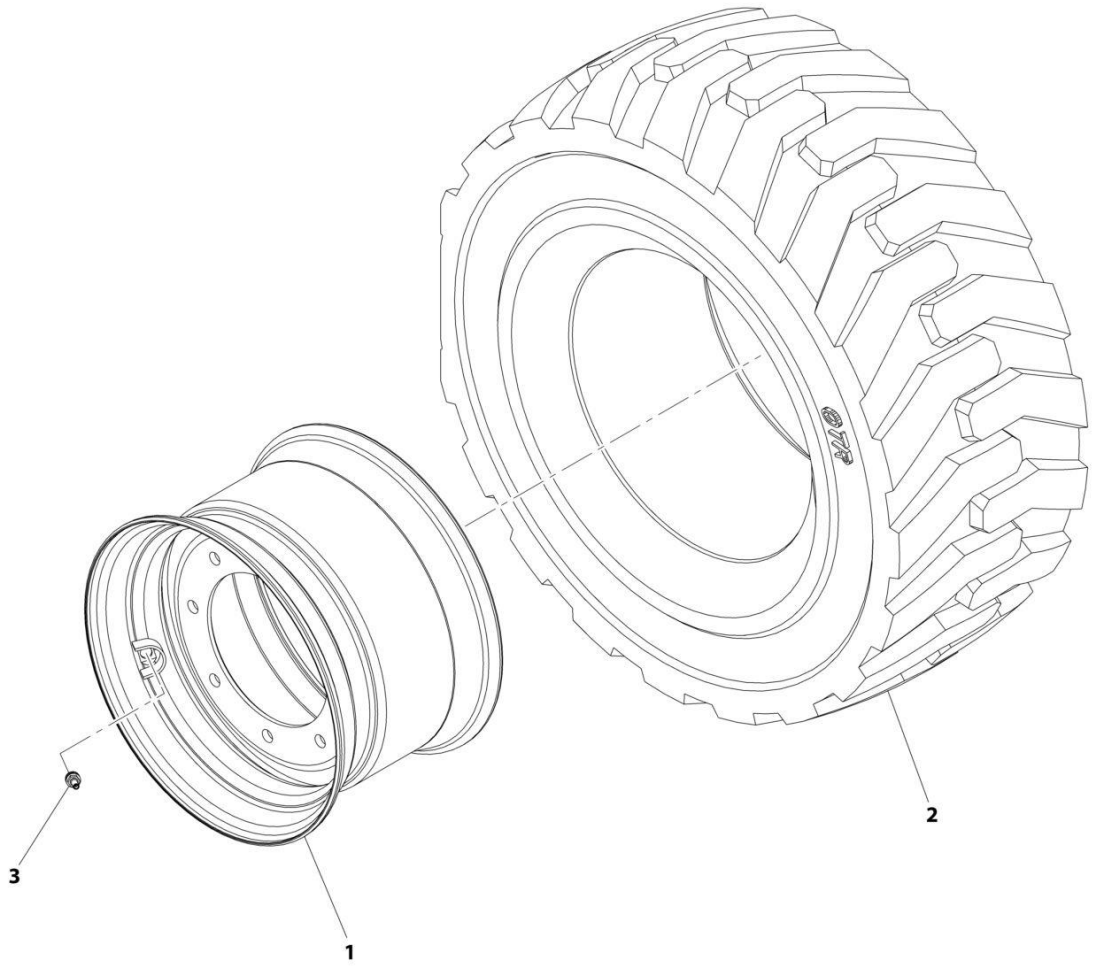


FIGURE 5-26. LEFT TIRE/WHEEL ASSEMBLY (AIR 12-16.5 - 12 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140700	Ref	Left Tire/Wheel Assembly (Air 12-16.5 - 12 PLY)	F
1	1001139974	1	Wheel, 16.5X9.75	
2	4520259	1	Tire, 14X17.5	
3	4640163	1	Tire Valve	

FIGURE 5-27. TIRE/WHEEL SET, CAMSO (FOAM 12-16.5 - 12 PLY)

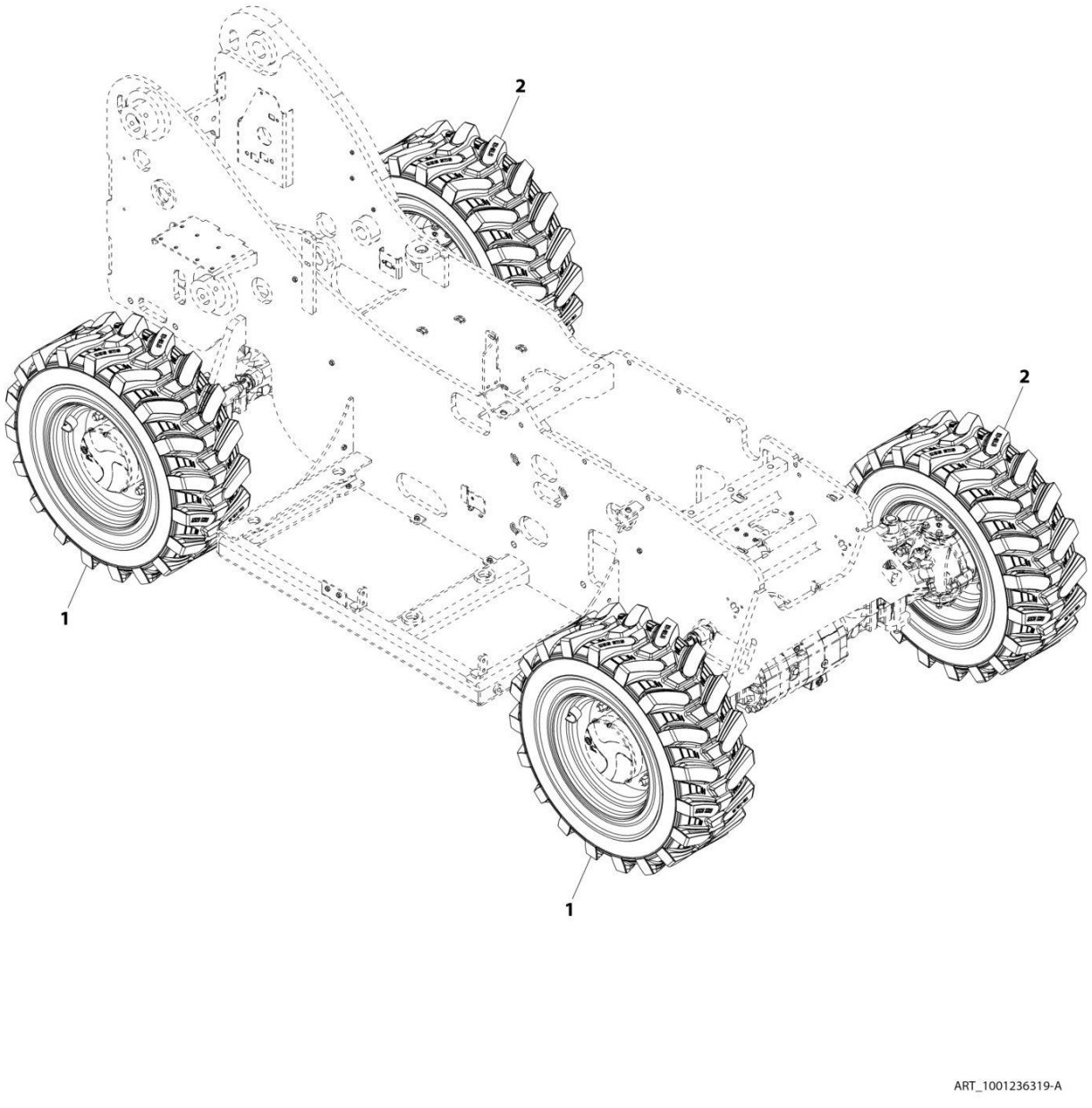


FIGURE 5-27. TIRE/WHEEL SET, CAMSO (FOAM 12-16.5 - 12 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236319	Ref	Tire/Wheel Set, Camso (Foam 12-16.5 - 12 PLY)	A
1	1001236668	2	Wheel and Tire Assembly, Right, 12-16.5, Foam	
2	1001236669	2	Wheel and Tire Assembly, Left, 12-16.5, Foam	

FIGURE 5-28. TIRE/WHEEL SET (FOAM 12-16.5 - 14 PLY)

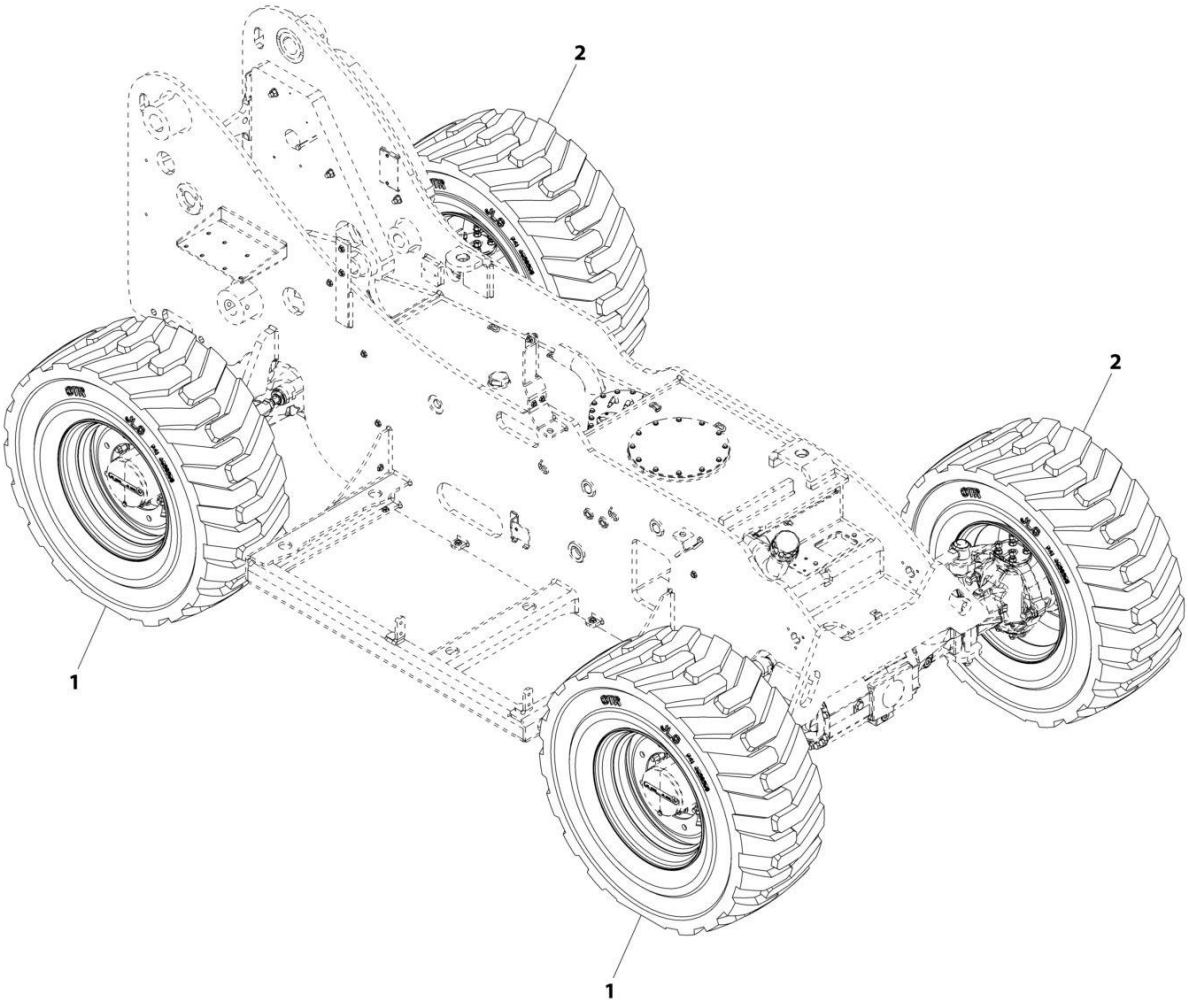


FIGURE 5-28. TIRE/WHEEL SET (FOAM 12-16.5 - 14 PLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141324	Ref	Tire/Wheel Set (Foam 12-16.5 - 14 PLY)	A
1	1001140703	2	Wheel and Tire Assembly, Right, 14-17.5, Foam	
2	1001140704	2	Wheel and Tire Assembly, Left, 14-17.5, Foam	

FIGURE 5-29. TIRE/WHEEL SET (SOLID 33X12-20 - NM)

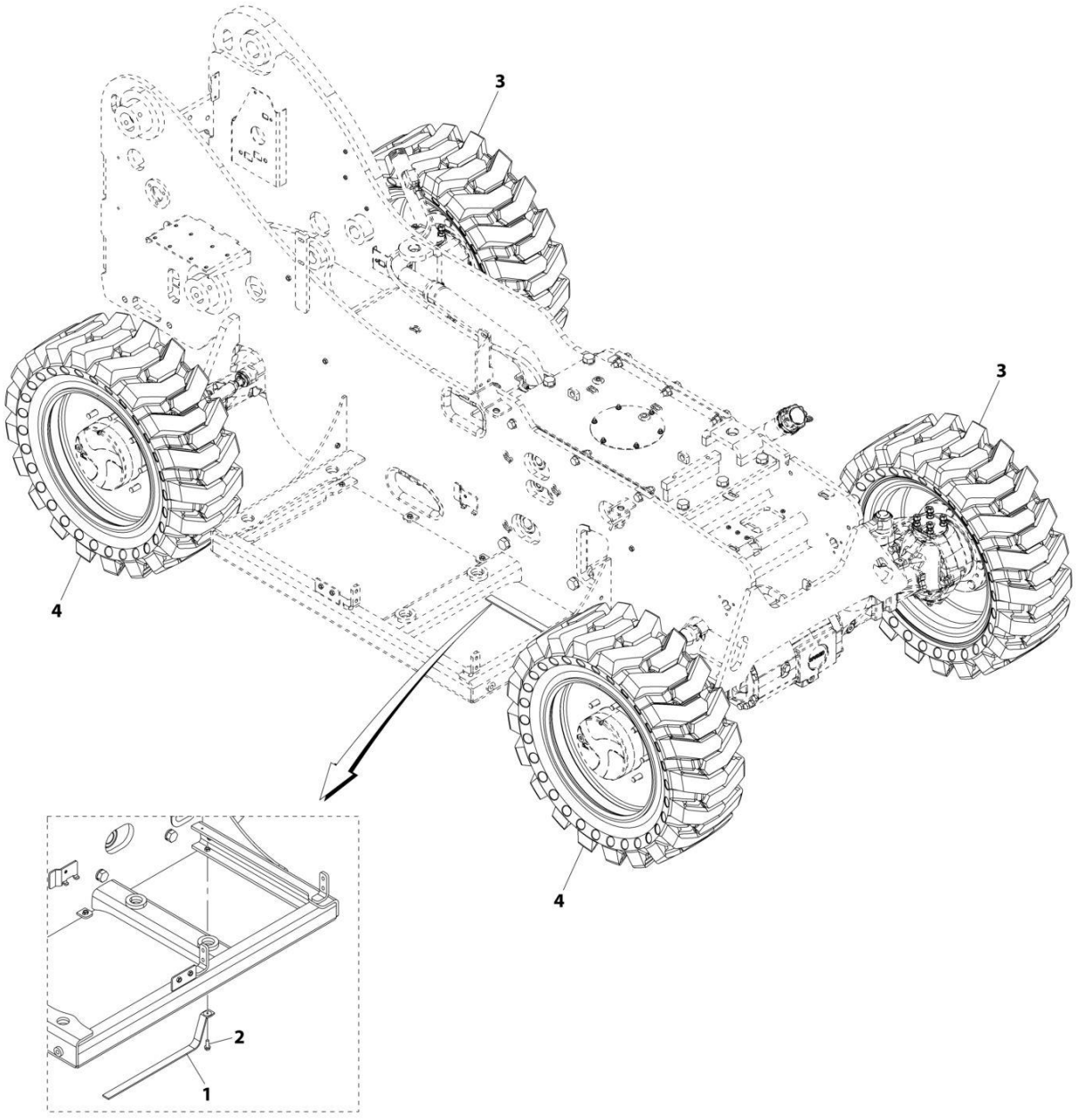


FIGURE 5-29. TIRE/WHEEL SET (SOLID 33X12-20 - NM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200945	Ref	Tire/Wheel Set (Solid 33X12-20 - NM)	A
1	4240084	1	Anti-Static Strap	
2	1001115871	1	Bolt, 1X0.375-16	
3	1001200796	2	Wheel and Tire Assembly, Left, Non-Marking	
4	1001200797	2	Wheel and Tire Assembly, Right, Non-Marking	

FIGURE 5-30. TIRE/WHEEL SET, AG (AIR 10.5-18 - 16 PR)

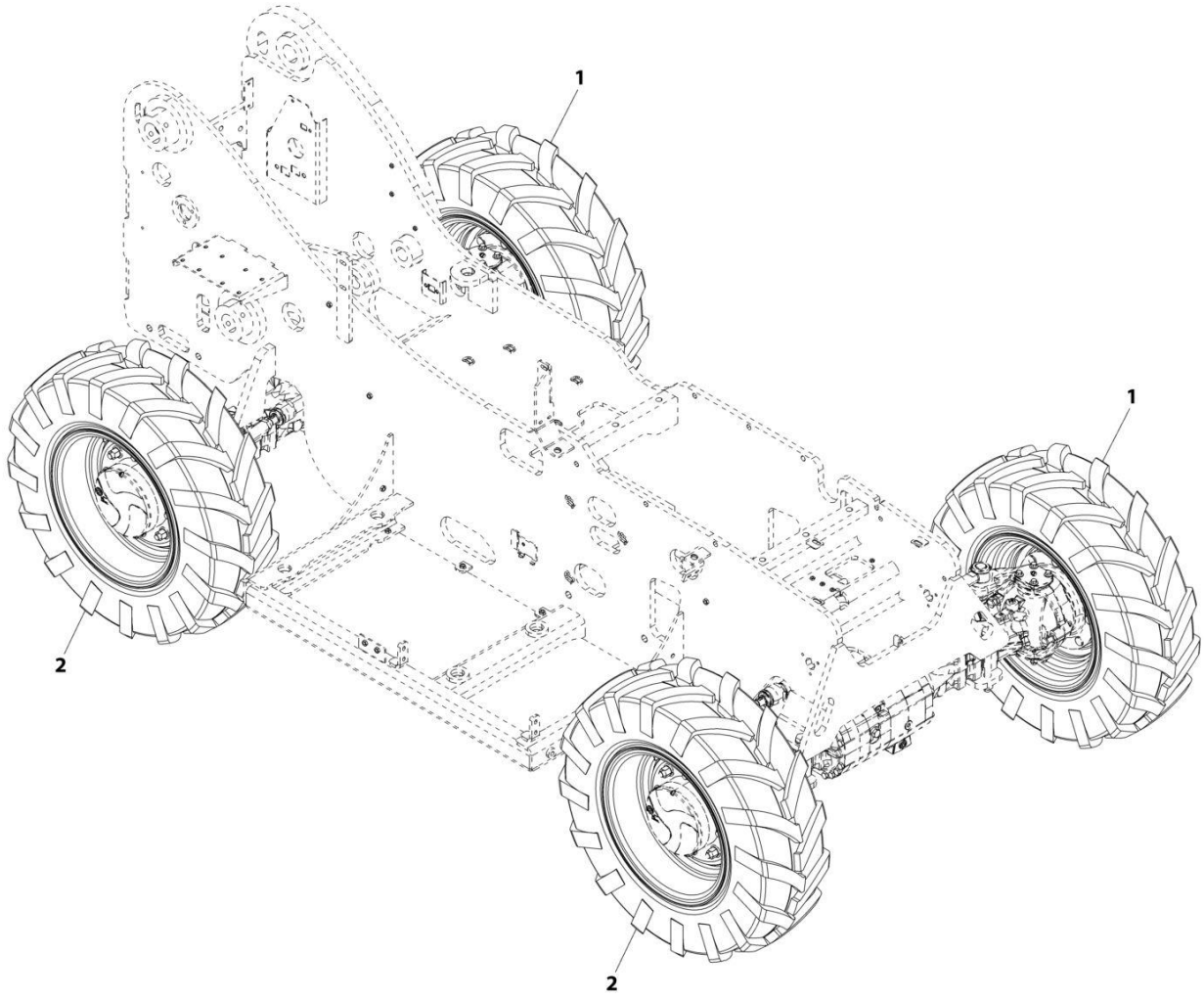


FIGURE 5-30. TIRE/WHEEL SET, AG (AIR 10.5-18 - 16 PR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236321	Ref	Tire/Wheel Set, AG (Air 10.5-18 - 16 PR)	A
1	1001143671	2	Right Tire/Wheel Assembly, AG (Air 10.5-18 - 16 PR) (See Separate Breakdown in this Section)	
2	1001143689	2	Left Tire/Wheel Assembly, AG (Air 10.5-18 - 16 PR) (See Separate Breakdown in this Section)	

FIGURE 5-31. RIGHT TIRE/WHEEL ASSEMBLY, AG (AIR 10.5-18 - 16 PR)

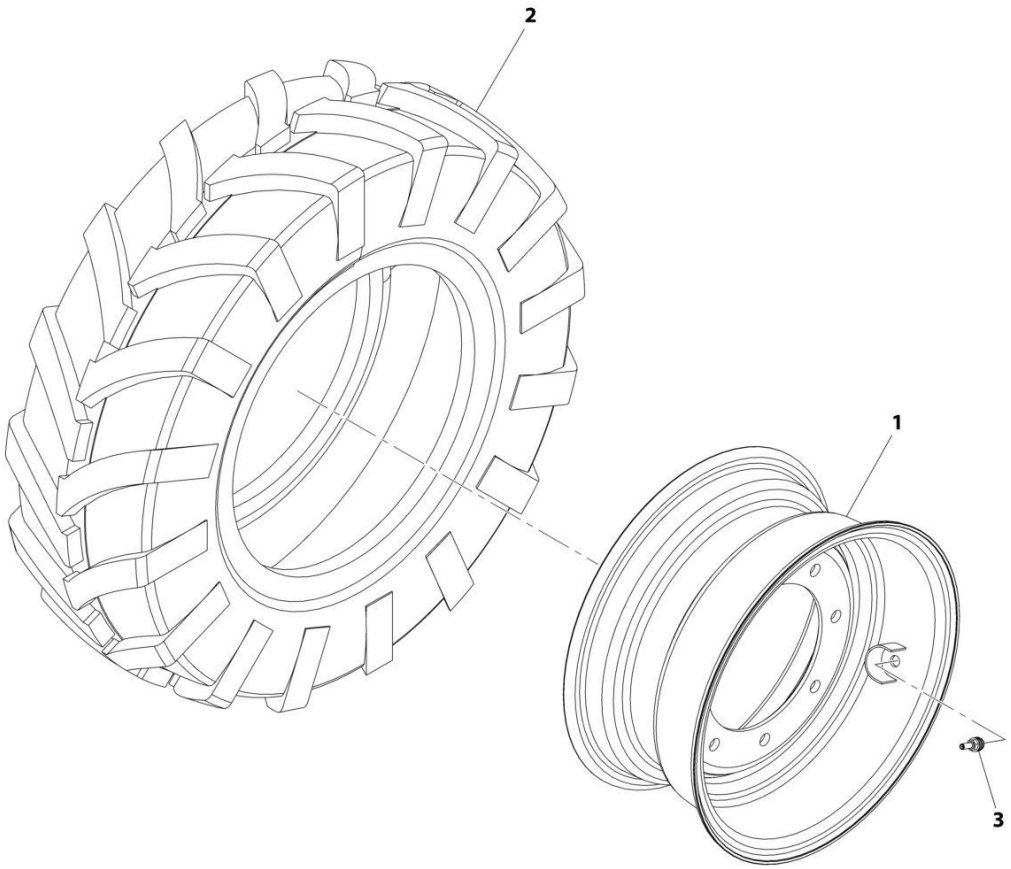
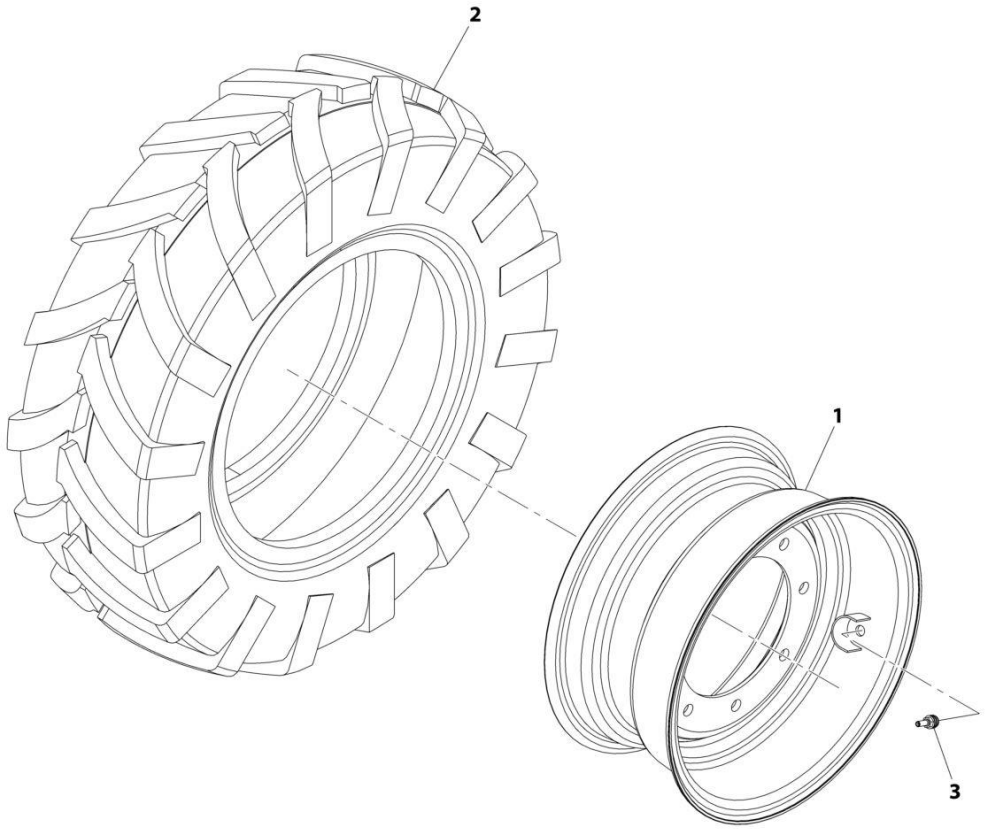


FIGURE 5-31. RIGHT TIRE/WHEEL ASSEMBLY, AG (AIR 10.5-18 - 16 PR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143671	Ref	Right Tire/Wheel Assembly, AG (Air 10.5-18 - 16 PR)	E
1	1001142101	1	Wheel, 18X9	
2	1001154229	1	Tire, 10.5X18	
3	4640163	1	Tire Valve	

FIGURE 5-32. LEFT TIRE/WHEEL ASSEMBLY, AG (AIR 10.5-18 - 16 PR)



ART_1001143689-E

FIGURE 5-32. LEFT TIRE/WHEEL ASSEMBLY, AG (AIR 10.5-18 - 16 PR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143689	Ref	Left Tire/Wheel Assembly, AG (Air 10.5-18 - 16 PR)	E
1	1001142101	1	Wheel, 18X9	
2	1001154229	1	Tire, 10.5X18	
3	4640163	1	Tire Valve	

FIGURE 5-33. FENDER INSTALLATION

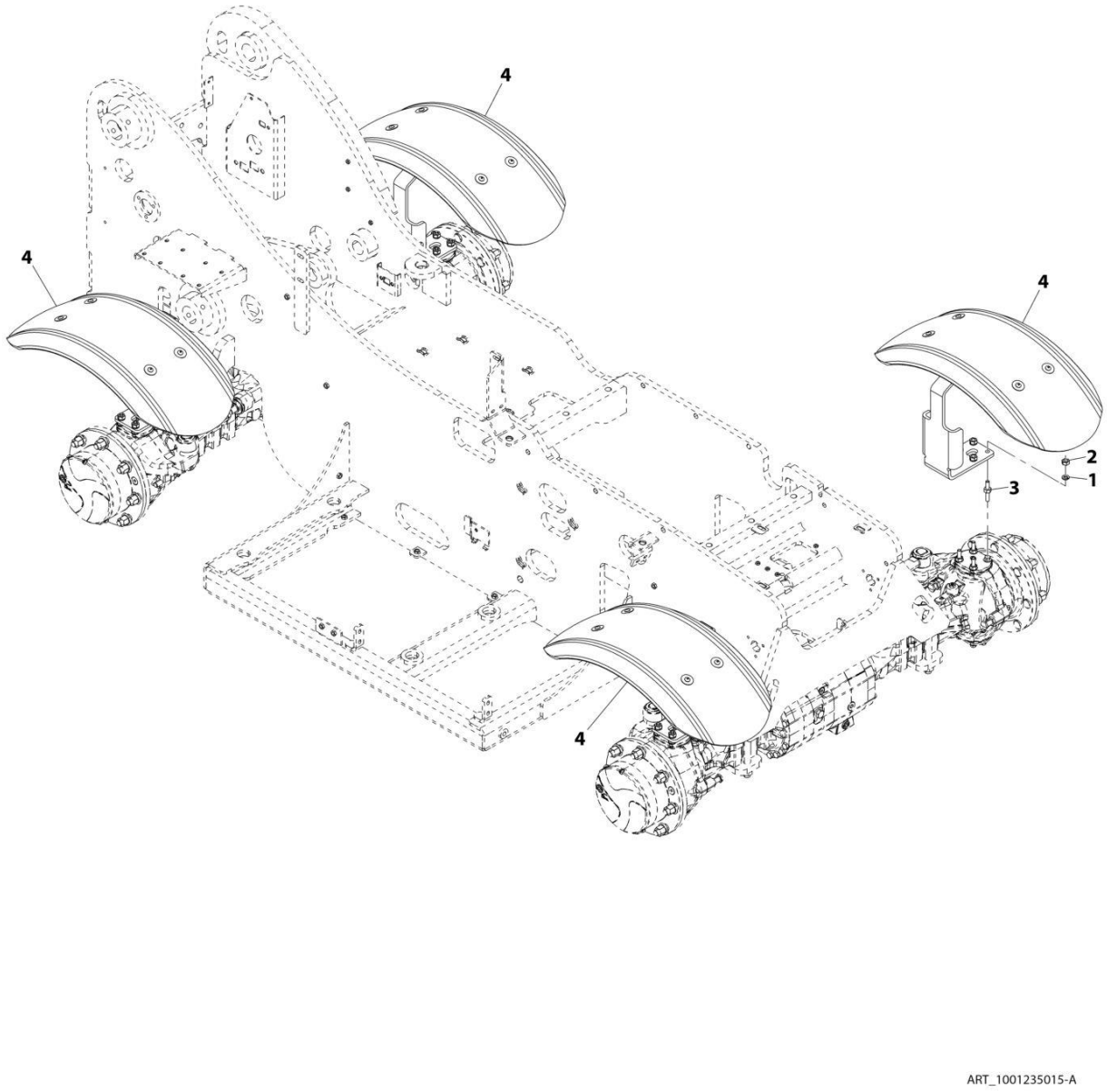
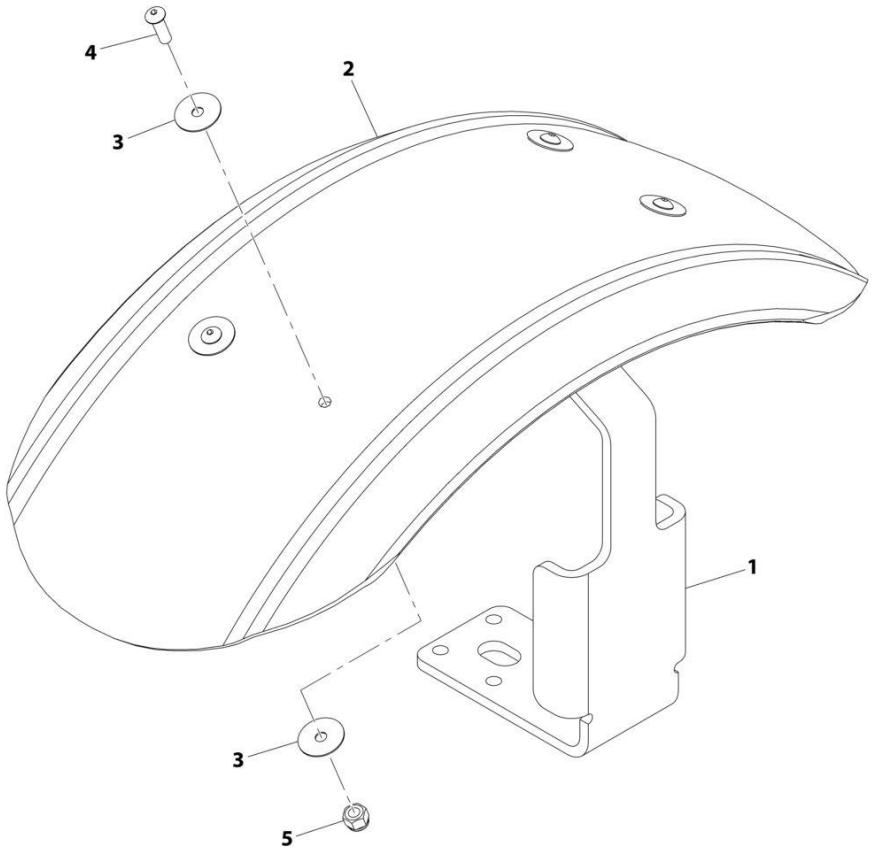


FIGURE 5-33. FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235015	Ref	Fender Installation	A
1	83191010	16	Lockwasher, M12	
2	91513266	16	Nut, M12X1-1/4	
3	91514118	16	Stud	
4	1001235014	4	Fender Assembly (See Separate Breakdown in this Section)	

FIGURE 5-34. FENDER ASSEMBLY



ART_1001235014-A

FIGURE 5-34. FENDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235014	Ref	Fender Assembly	A
1	1001234973	1	Fender Mount	
2	1001080212	1	Wheel Fender	
3	8310246	8	Fender Washer, 3/8X0.048X1-1/2	
4	88261030	4	Socket HD Capscrew, 3/8-16X1-1/4	
5	88521206	4	Locknut, 3/8-16	

FIGURE 5-35. TIRE/WHEEL SET 33X16LL19.5 TURF/SAND

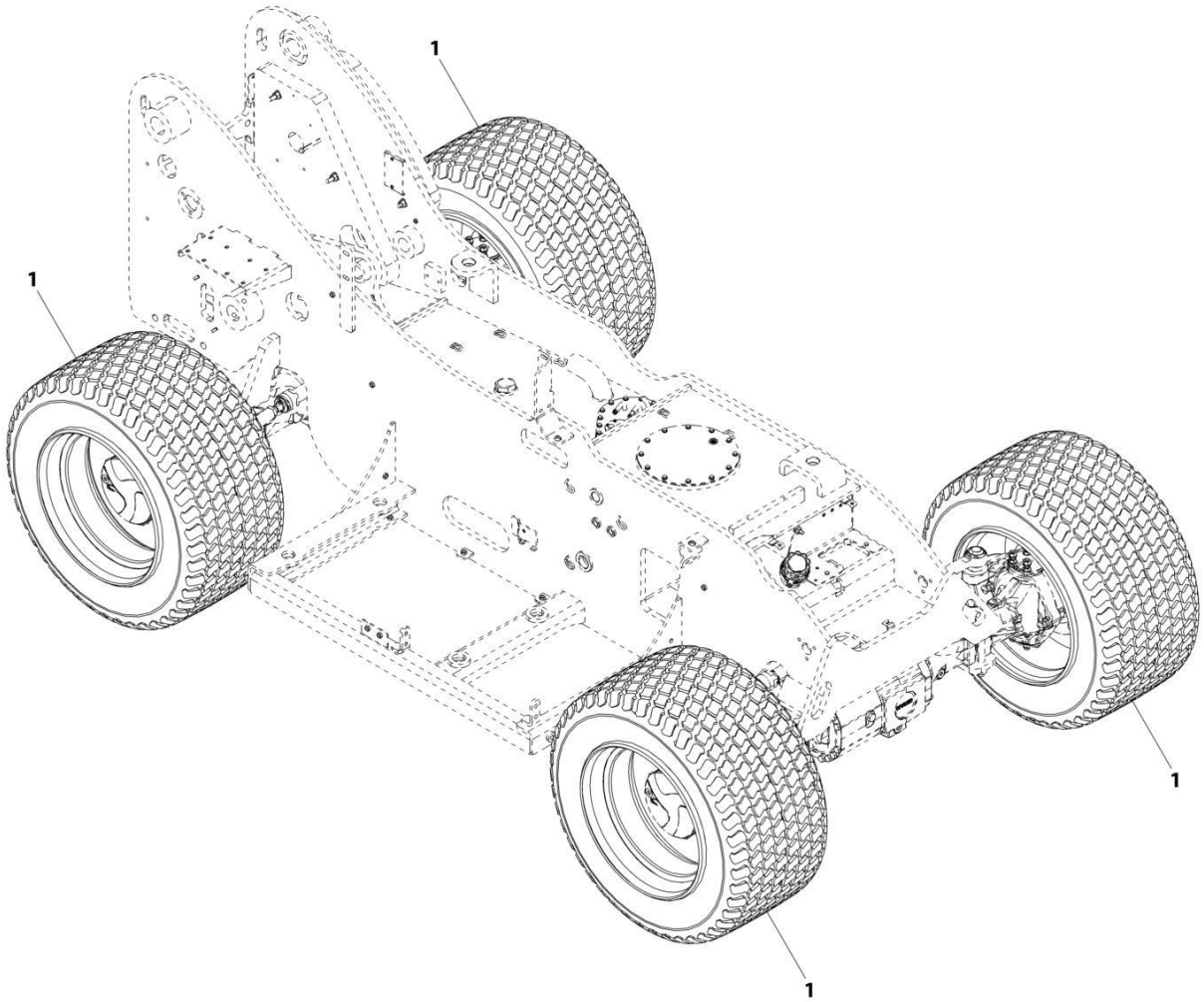


FIGURE 5-35. TIRE/WHEEL SET 33X16LL19.5 TURF/SAND

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234507	1	Tire/Wheel Set 33X16LL 19.5 - Turf/Sand	A
1	1001233304	4	Assembly, Tire/Wheel 33X16LL 19.5 - Turf/Sand (See TIRE/WHEEL ASSEMBLY 33X16LL 19.5 TURF/SAND for Breakdown)	

FIGURE 5-36. ASSEMBLY, TIRE/WHEEL 33X16LL19.5 TURF/SAND

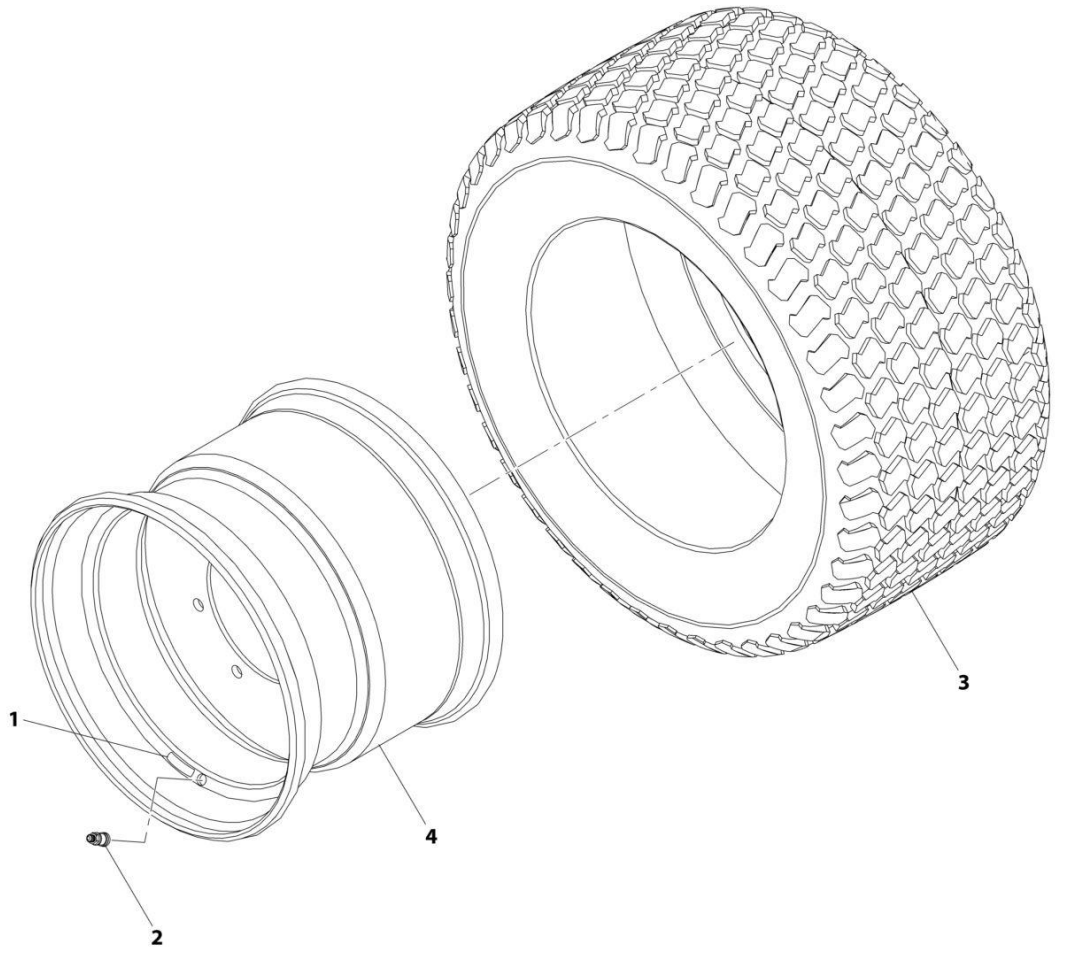


FIGURE 5-36. ASSEMBLY, TIRE/WHEEL 33X16LL19.5 TURF/SAND

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233304	Ref	Tire/Wheel Asembly 33X16LL 19.5 - Turf/Sand	C
1	1706846	1	Decal, Tire Pressure	
2	4640113	1	Valve, Stem	
3	1001233303	1	Tire, 33X16LL 19.5 - Turf/Sand	
4	1001233305	1	Wheel, 33X16	

SECTION 6 - CAB

FIGURE 6-1. CAB INSTALLATION

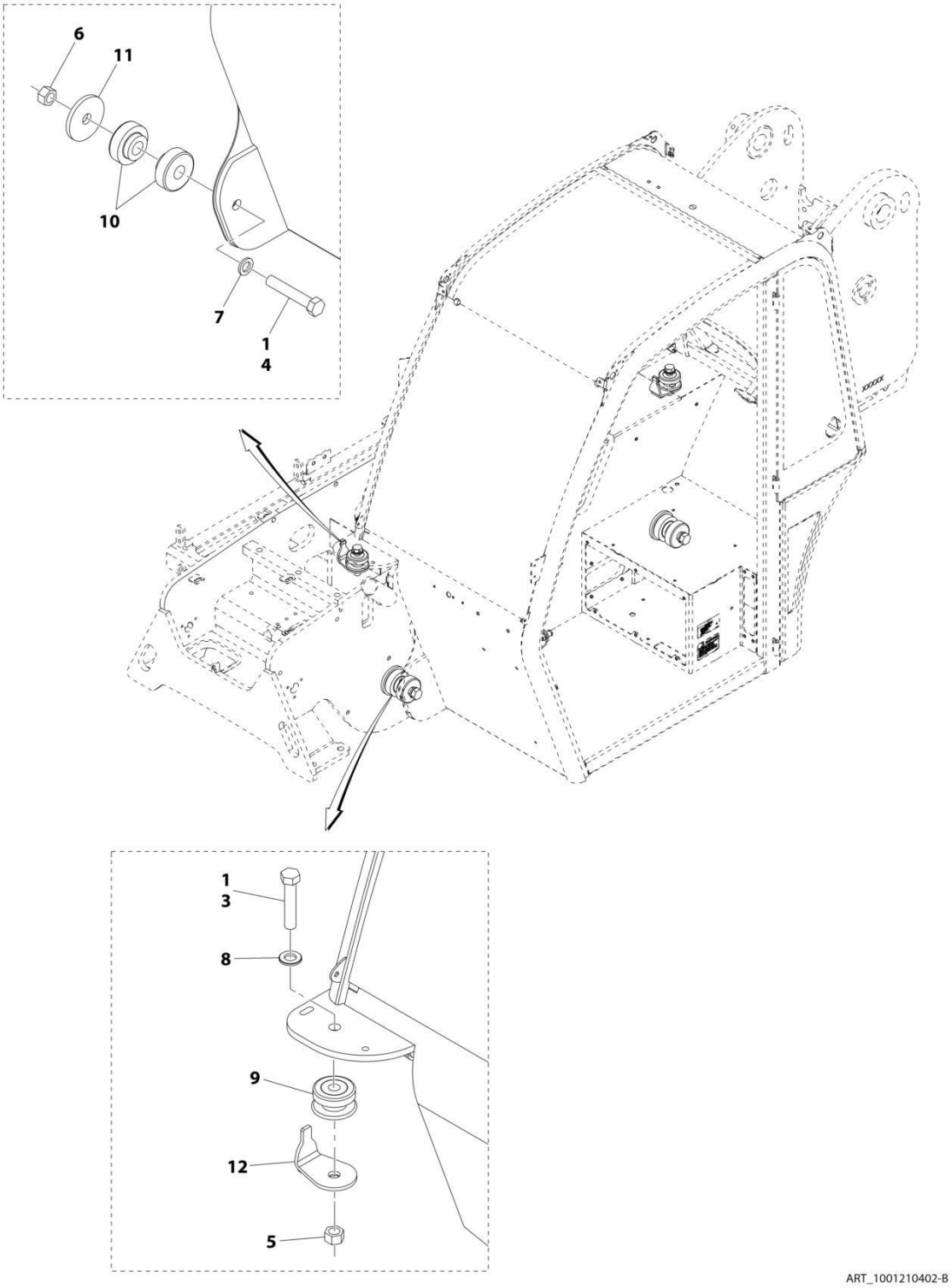


FIGURE 6-1. CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001210402	Ref	Cab Installation	B
1	0100019	AR	Compound, Locking	
3	0682230	2	Hex HD Capscrew, 3/4-10X3-3/4, GR8	
4	0682440	2	Hex HD Capscrew, 7/8-9X5, GR8	
5	3272201	2	Hex Nut, 3/4-10, GR8	
6	3272401	2	Hex Nut, 7/8-9, GR8	
7	4892400	2	Washer, 7/8	
8	90027473	2	Washer, 3/4	
9	91403097	2	Center Bonded Mount	
10	91403153	4	Shock Mount	
11	91403217	2	Rebound Washer	
12	1001080992	2	Washer	

FIGURE 6-2. OPEN CAB INSTALLATION (ANSI - FIXED STEERING)

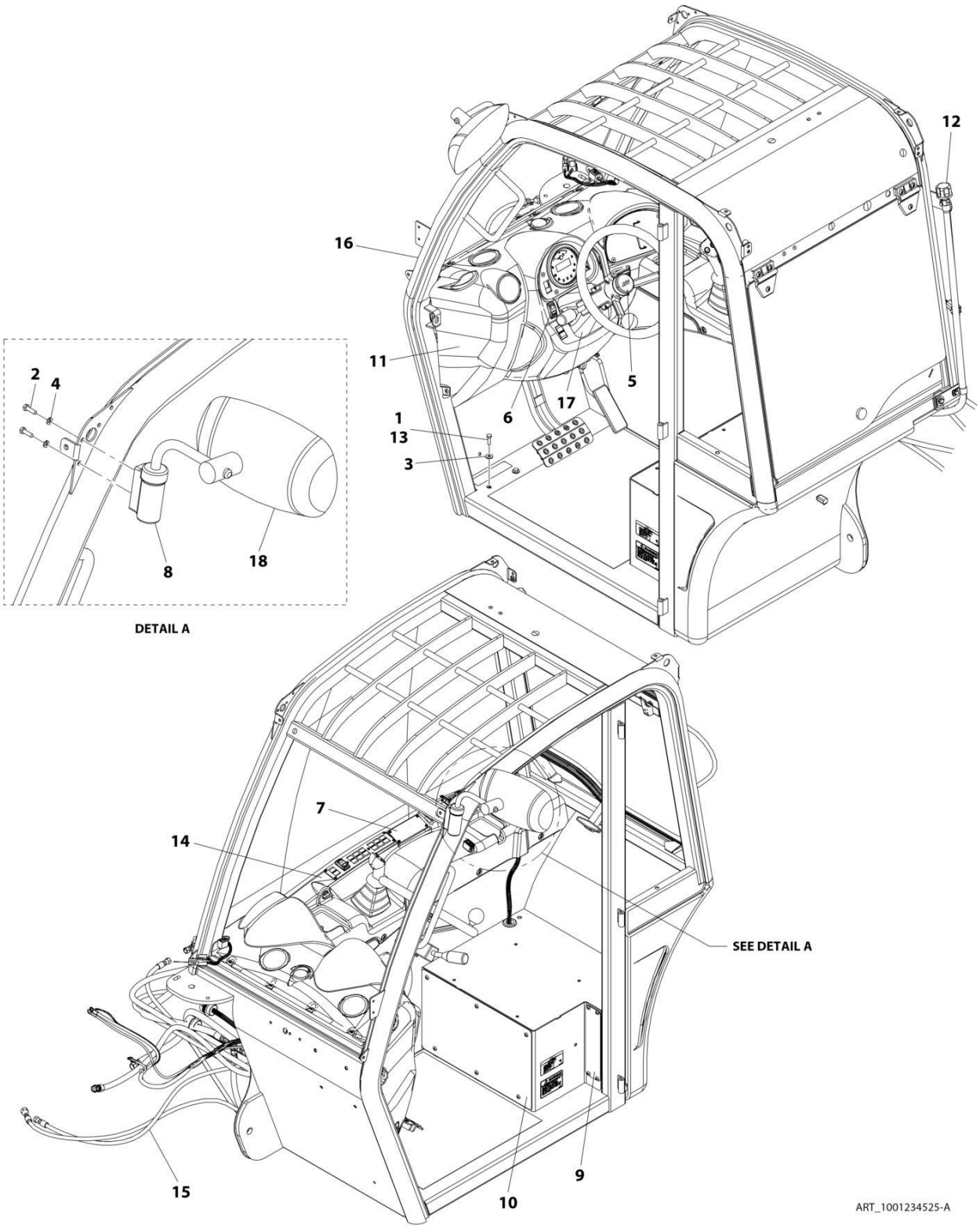


FIGURE 6-2. OPEN CAB INSTALLATION (ANSI - FIXED STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234525	Ref	Open Cab Installation (ANSI - Fixed Steering)	A
1	0641508	4	Hex HD Capscrew, 5/16-18X1, GR5	
2	0700610	2	Hex HD Capscrew, M6X20, GR8.8	
3	4751500	4	Washer, 5/16	
4	8307024	2	Washer, M6	
5	1001080742	Ref	Installation, JLG Common (See Separate Breakdown in this Section)	
6	1001080744	Ref	Installation, NA Common (See Separate Breakdown in this Section)	
7	1001080876	Ref	Installation, Control Cover (See Separate Breakdown in this Section)	
8	1001114675	1	Mirror Arm	
9	1001137600	Ref	Installation, Park Brake Valve (See Separate Breakdown in Control Section)	
10	1001137623	Ref	Installation, Seat Riser Cover (See Separate Breakdown in this Section)	
11	1001138582	Ref	Installation, Open Cab Common Components (See Separate Breakdown in this Section)	
12	1001182755	Ref	Installation, Hydraulic Tank Breather (See Separate Breakdown in Hydraulic Circuits Section)	
13	0100011	AR	Compound, Locking	
14	1001202007	Ref	Installation, Cab Common (See Separate Breakdown in this Section)	
15	1001235716	Ref	Installation, Cab Hydraulics (ANSI) (See Separate Breakdown in Hydraulic Circuits Section)	
16	1001208616	Ref	Installation, Open Cab Glass (See Separate Breakdown in this Section)	
17	1001221303	Ref	Installation, Fixed Steering Column (See Separate Breakdown in Control Section)	
18	8866514	1	Convex Mirror	

FIGURE 6-3. OPEN CAB INSTALLATION (ANSI - TILT STEERING)

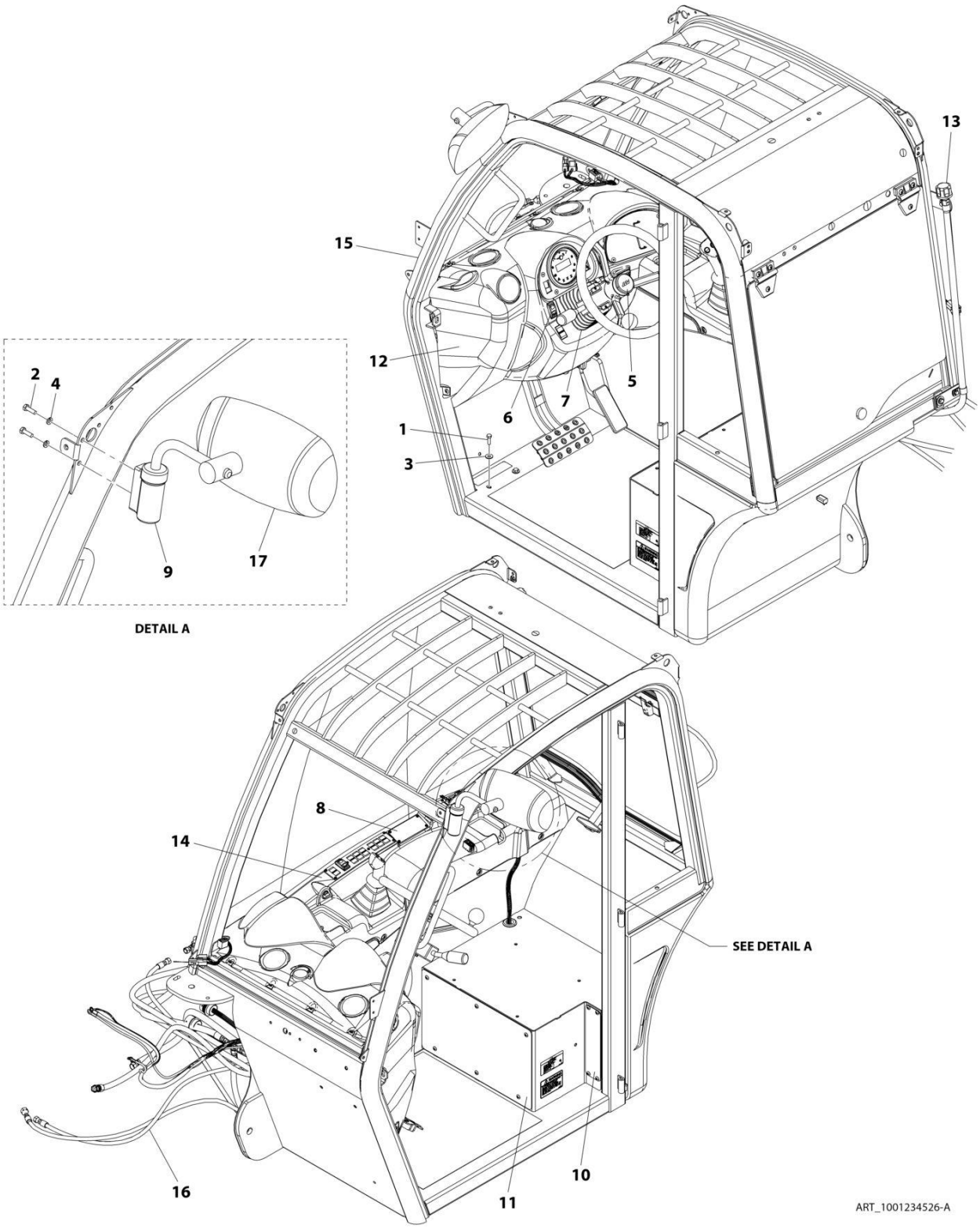


FIGURE 6-3. OPEN CAB INSTALLATION (ANSI - TILT STEERING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234526	Ref	Open Cab Installation (ANSI - Tilt Steering)	A
1	0641508	4	Hex HD Capscrew, 5/16-18X1, GR5	
2	0700610	2	Hex HD Capscrew, M6X20, GR8.8	
3	4751500	4	Washer, 5/16	
4	8307024	2	Washer, M6	
5	1001080742	Ref	Installation, JLG Common (See Separate Breakdown in this Section)	
6	1001080744	Ref	Installation, NA Common (See Separate Breakdown in this Section)	
7	1001080809	Ref	Installation, Tilt Steering Column (See Separate Breakdown in Control Section)	
8	1001080876	Ref	Installation, Control Cover (See Separate Breakdown in this Section)	
9	1001114675	1	Mirror Arm	
10	1001137600	Ref	Installation, Park Brake Valve (See Separate Breakdown in Control Section)	
11	1001137623	Ref	Installation, Seat Riser Cover (See Separate Breakdown in this Section)	
12	1001138582	Ref	Installation, Open Cab Common Components (See Separate Breakdown in this Section)	
13	1001182755	Ref	Installation, Hydraulic Tank Breather (See Separate Breakdown in Hydraulic Circuits Section)	
14	1001202007	Ref	Installation, Cab Common (See Separate Breakdown in this Section)	
15	1001208616	Ref	Installation, Open Cab Glass (See Separate Breakdown in this Section)	
16	1001235716	Ref	Installation, Cab Hydraulics (ANSI) (See Separate Breakdown in Hydraulic Circuits Section)	
17	8866514	1	Convex Mirror	

FIGURE 6-4. ENCLOSED CAB INSTALLATION (ANSI - TILT STEERING) (HEAT)

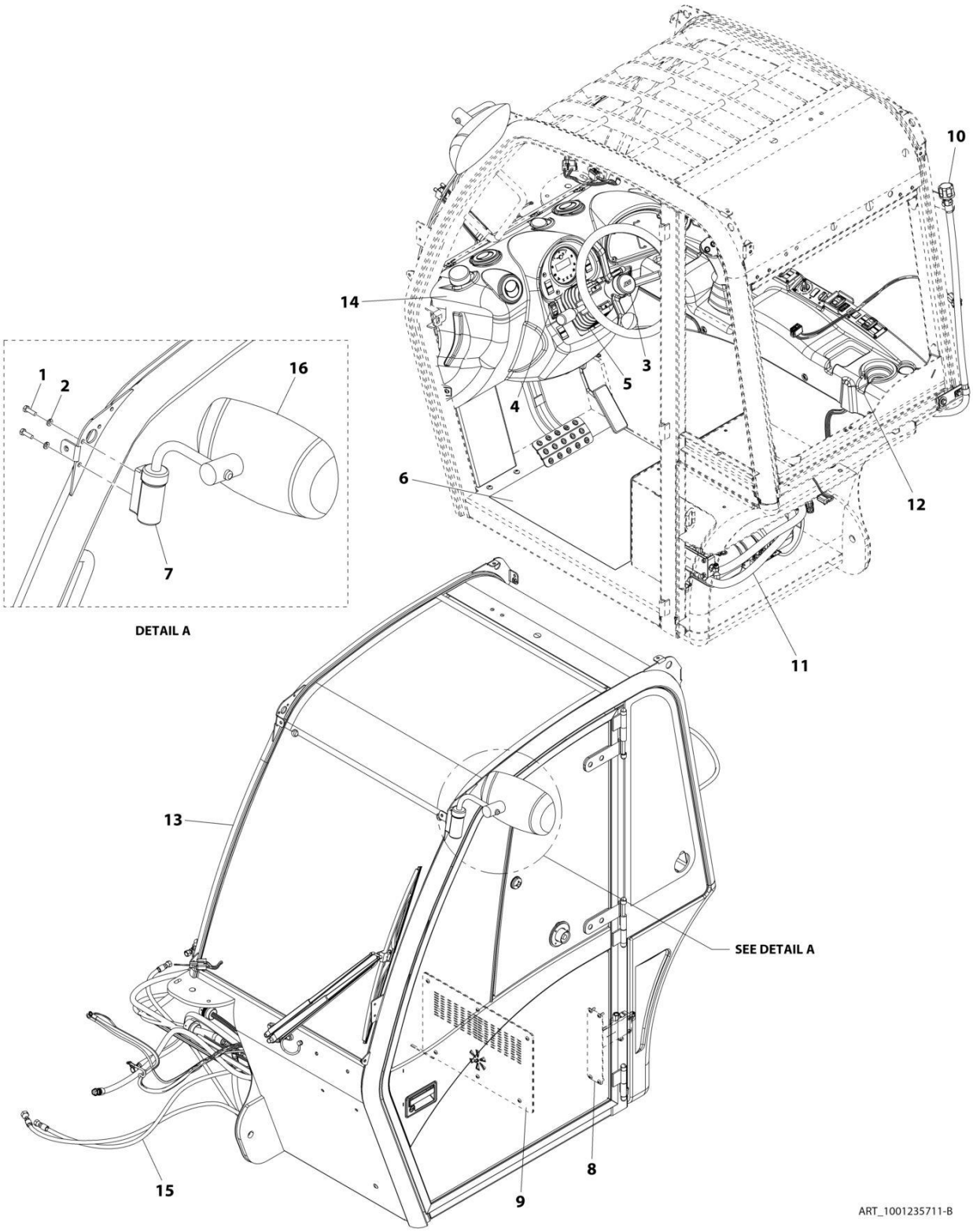


FIGURE 6-4. ENCLOSED CAB INSTALLATION (ANSI - TILT STEERING) (HEAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235711	Ref	Enclosed Cab Installation (ANSI - Tilt Steering) (Heat)	B
1	0700610	2	Hex HD Capscrew, M6X20, GR8.8	
2	8307024	2	Washer, M6	
3	1001080742	Ref	Installation, JLG Common (See Separate Breakdown in this Section)	
4	1001080744	Ref	Installation, NA Common (See Separate Breakdown in this Section)	
5	1001080809	Ref	Installation, Tilt Steering Column (See Separate Breakdown in Control Section)	
6	1001080847	1	Floor Skid Strip	
7	1001114675	1	Mirror Arm	
8	1001137600	Ref	Installation, Park Brake Valve (See Separate Breakdown in Control Section)	
9	1001137621	Ref	Installation, Seat Riser Cover HVAC (See Separate Breakdown in this Section)	
10	1001182755	Ref	Installation, Hydraulic Tank Breather (See Separate Breakdown in Hydraulic Circuits Section)	
11	1001193943	Ref	Installation, Heater (cab parts) (See Separate Breakdown in this Section)	
12	1001202007	Ref	Installation, Cab Common (See Separate Breakdown in this Section)	
13	1001208617	Ref	Installation, Enclosed Cab Glass (See Separate Breakdown in this Section)	
14	1001213757	Ref	Installation, Enclosed Cab Common Components (See Separate Breakdown in this Section)	
15	1001235716	Ref	Installation, Cab Hydraulics (ANSI) (See Separate Breakdown in Hydraulic Circuits Section)	
16	8866514	1	Mirror Head, Convex	

FIGURE 6-5. ENCLOSED CAB INSTALLATION (ANSI - TILT STEERING) (HEAT & A/C)

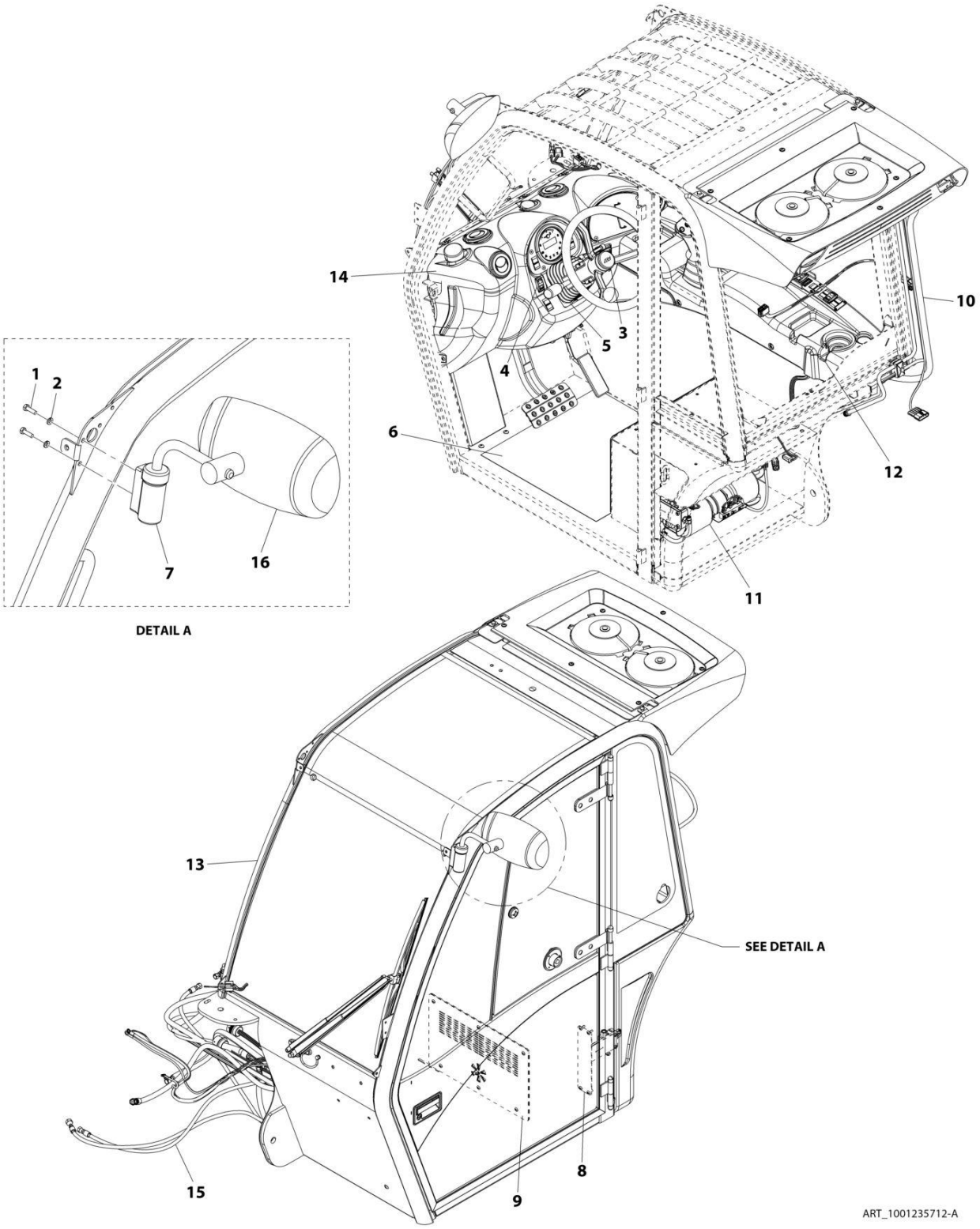


FIGURE 6-5. ENCLOSED CAB INSTALLATION (ANSI - TILT STEERING) (HEAT & A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235712	Ref	Enclosed Cab Installation (ANSI - Tilt Steering) (Heat & A/C)	A
1	0700610	2	Hex HD Capscrew, M6X20, GR8.8	
2	8307024	2	Washer, M6	
3	1001080742	Ref	Installation, JLG Common (See Separate Breakdown in this Section)	
4	1001080744	Ref	Installation, NA Common (See Separate Breakdown in this Section)	
5	1001080809	Ref	Installation, Tilt Steering Column (See Separate Breakdown in Control Section)	
6	1001080847	1	Floor Skid Strip	
7	1001114675	1	Mirror Arm	
8	1001137600	Ref	Installation, Park Brake Valve (See Separate Breakdown in Control Section)	
9	1001137621	Ref	Installation, Seat Riser Cover HVAC (See Separate Breakdown in this Section)	
10	1001186376	Ref	Installation, Hydraulic Tank Breather (See Separate Breakdown in Hydraulic Circuits Section)	
11	1001193443	Ref	Installation, Heater and A/C (Cab Parts) (See Separate Breakdown in this Section)	
12	1001202007	Ref	Installation, Cab Common (See Separate Breakdown in this Section)	
13	1001208617	Ref	Installation, Enclosed Cab Glass (See Separate Breakdown in this Section)	
14	1001213757	Ref	Installation, Enclosed Cab Common Components (See Separate Breakdown in this Section)	
15	1001235716	Ref	Installation, Cab Hydraulics (ANSI) (See Separate Breakdown in Hydraulic Circuits Section)	
16	8866514	1	Convex Mirror	

FIGURE 6-6. ENCLOSED CAB INSTALLATION (LSI - TILT STEERING) (HEAT)

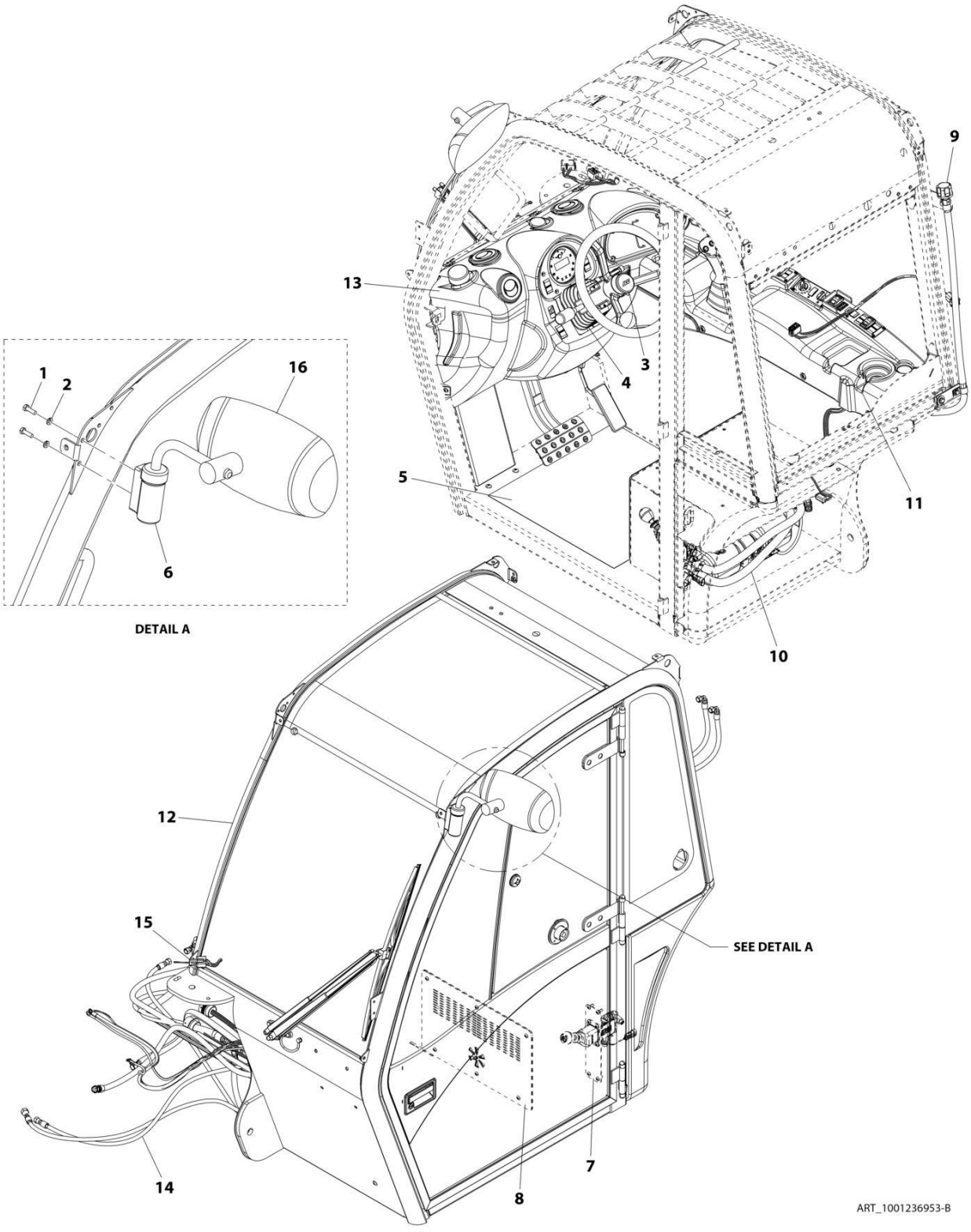


FIGURE 6-6. ENCLOSED CAB INSTALLATION (LSI - TILT STEERING) (HEAT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236953	Ref	Enclosed Cab Installation (LSI - Tilt Steering) (Heat)	B
1	0700610	2	Hex HD Capscrew, M6X20, GR8.8	
2	8307024	2	Washer, M6	
3	1001080742	Ref	Installation, JLG Common (See Separate Breakdown in this Section)	
4	1001080809	Ref	Installation, Tilt Steering Column (See Separate Breakdown in Control Section)	
5	1001080847	1	Floor Skid Strip	
6	1001114675	1	Mirror Arm	
7	1001137602	Ref	Installation, Park Brake Valve (Euro) (See Separate Breakdown in Control Section)	
8	1001137621	Ref	Installation, Seat Riser Cover HVAC (See Separate Breakdown in this Section)	
9	1001182755	Ref	Installation, Hydraulic Tank Breather (See Separate Breakdown in Hydraulic Circuits Section)	
10	1001193943	Ref	Installation, Heater (cab parts) (See Separate Breakdown in this Section)	
11	1001202007	Ref	Installation, Cab Common (See Separate Breakdown in this Section)	
12	1001208617	Ref	Installation, Enclosed Cab Glass (See Separate Breakdown in this Section)	
13	1001213757	Ref	Installation, Enclosed Cab Common Components (See Separate Breakdown in this Section)	
14	1001236957	Ref	Installation, Cab Hydraulics (LSI) (See Separate Breakdown in Hydraulic Circuits Section)	
15	1001236959	Ref	Installation, NA Common Components (LSI) (See Separate Breakdown in this Section)	
16	8866514	1	Mirror Head, Convex	

FIGURE 6-7. ENCLOSED CAB INSTALLATION (LSI - TILT STEERING) (HEAT & A/C)

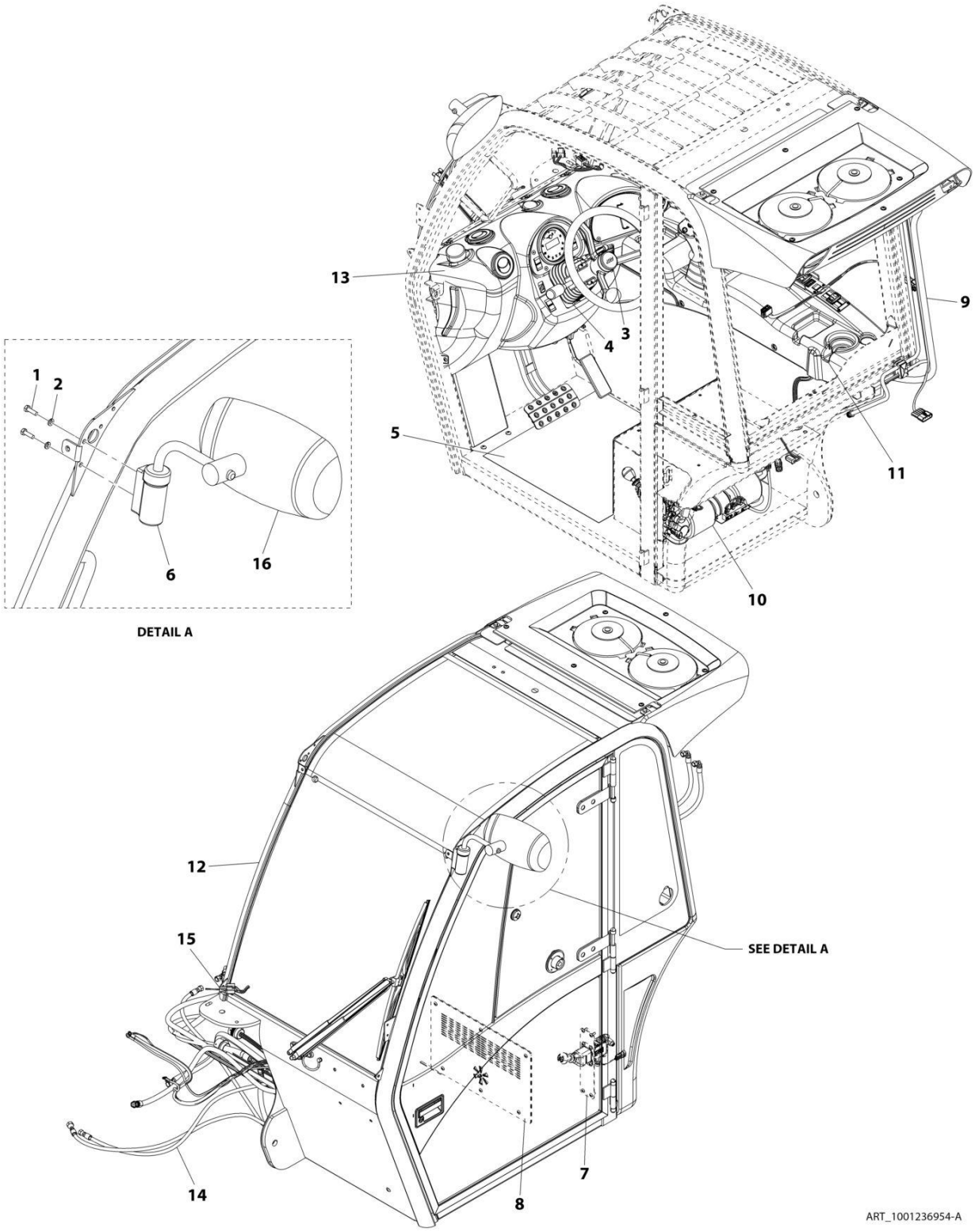


FIGURE 6-7. ENCLOSED CAB INSTALLATION (LSI - TILT STEERING) (HEAT & A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236954	Ref	Enclosed Cab Installation (LSI - Tilt Steering) (Heat & A/C)	A
1	0700610	2	Hex HD Capscrew, M6X20, GR8.8	
2	8307024	2	Washer, M6	
3	1001080742	Ref	Installation, JLG Common (See Separate Breakdown in this Section)	
4	1001080809	Ref	Installation, Tilt Steering Column (See Separate Breakdown in Control Section)	
5	1001080847	1	Floor Skid Strip	
6	1001114675	1	Mirror Arm	
7	1001137602	Ref	Installation, Park Brake Valve (Euro) (See Separate Breakdown in Control Section)	
8	1001137621	Ref	Installation, Seat Riser Cover HVAC (See Separate Breakdown in this Section)	
9	1001186376	Ref	Installation, Hydraulic Tank Breather (See Separate Breakdown in Hydraulic Circuits Section)	
10	1001193443	Ref	Installation, Heater and A/C (Cab Parts) (See Separate Breakdown in this Section)	
11	1001202007	Ref	Installation, Cab Common (See Separate Breakdown in this Section)	
12	1001208617	Ref	Installation, Enclosed Cab Glass (See Separate Breakdown in this Section)	
13	1001213757	Ref	Installation, Enclosed Cab Common Components (See Separate Breakdown in this Section)	
14	1001236957	Ref	Installation, Cab Hydraulics (LSI) (See Separate Breakdown in Hydraulic Circuits Section)	
15	1001236959	Ref	Installation, NA Common Components (LSI) (See Separate Breakdown in this Section)	
16	8866514	1	Convex Mirror	

FIGURE 6-8. COMMON CAB INSTALLATION

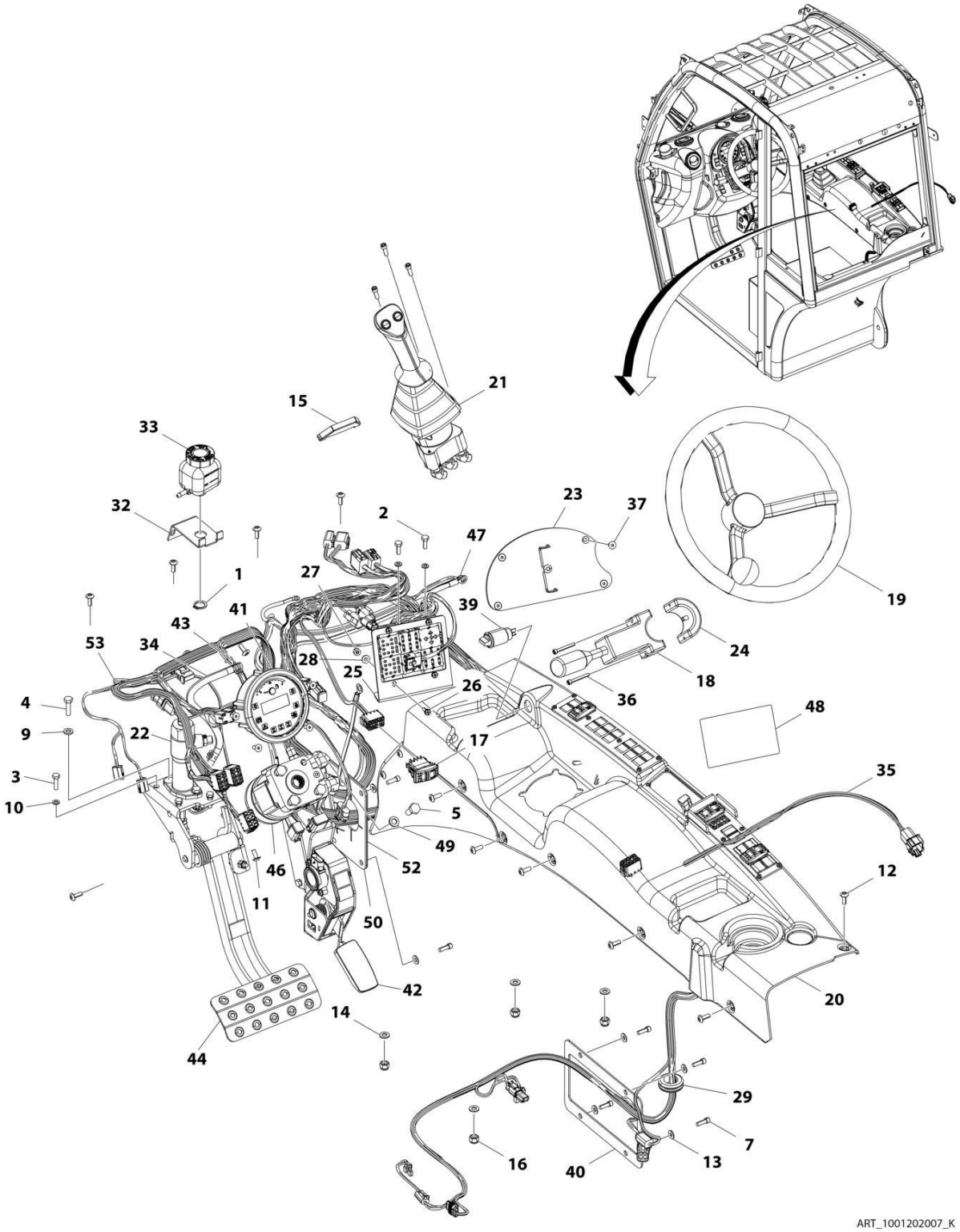


FIGURE 6-8. COMMON CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202007	Ref	COMMON CAB INSTALLATION	K
1	3760348	1	Ring, Retaining	
2	0641406	2	Bolt 1/4 x 3/4	
3	0641408	7	Bolt 1/4 x 1	
4	0641508	2	Bolt 5/16 x 1	
5	0761012	4	Bolt M10 x 25	
7	3931412	12	Screw	
9	4711500	2	Washer 5/16	
10	4761400	9	Washer 1/4	
11	8035487	1	Screw	
12	8303034	15	Screw	
13	8307109	8	Washer	
14	8310053	4	Washer	
15	8466306	1	Gage, Tilt Angle	
16	88521205	4	Nut 5/16	
17	1001080371	1	Switch	
18	1001080380	1	Switch	
19	1001080462	1	Wheel, Steering	
20	1001080493	1	Console (See Separate Breakdown in this Section)	
21	1001080500	1	Assembly, Hydraulic Controller (See Separate Breakdown in CONTROLS Section)	
22	1001080559	1	Assembly, Master Cylinder Valve (See Separate Breakdown in CONTROLS Section)	
23	1001239184	1	Chart, Load (See Separate Breakdown in DECALS Section)	
24	1001080900	1	Clamp	
25	1001080983	1	Bracket	
26	1001080986	4	Screw	
27	1001080987	4	Nut	
28	1001080988	4	Washer	
29	1001081049	1	Grommet	
32	1001081151	1	Bracket	
33	1001214220	1	Reservoir, Brake	
34	1001081153	1	Hose	
35	1001098235	1	Harness, Mode Select (See Separate Breakdown in ELECTRICAL Section)	
36	1001108079	2	Screw	
37	1001108194	8	Screw	
39	1001114867	1	Screw	
40	1001117158	1	Plate	
41	1001137657	1	Guage	
42	1001258791	1	Assembly, Accelerator Pedal (See Separate Breakdown in CONTROLS Section)	
43	1001156087	2	Clamp	
44	1001189734	1	Installation, Brake Pedal (See Separate Breakdown in CONTROLS Section)	
46	1001202006	1	Assembly, Steering Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
47	1001080418	1	Harness	
48	1001156577	1	Decal, Fuse	
49	4832000	1	Washer M10	
50	1001207837	1	Panel	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	1001208119	1	Plate	
53	1001283506	1	Harness, Cab (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 6-9. CAB COMMON COMPONENTS, ENCLOSED

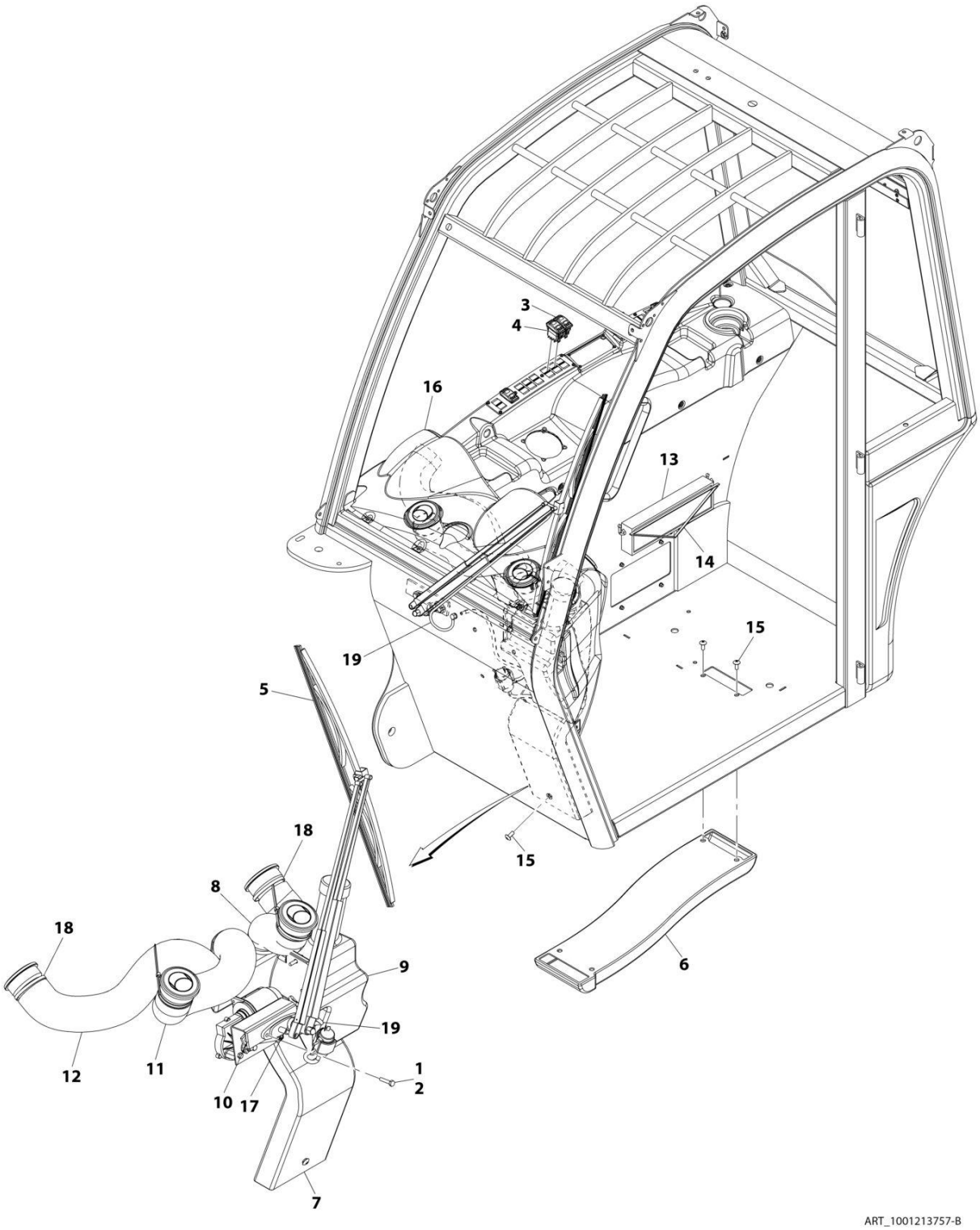


FIGURE 6-9. CAB COMMON COMPONENTS, ENCLOSED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213757	Ref	Cab Common Components, Enclosed	B
1	0100011	AR	Compound, Locking	
2	0651410	2	Hex HD Capscrew, 1/4-28X1-1/4	
3	1001080367	1	Front Windshield Washer Switch	
4	1001080368	1	Front Wiper Switch	
5	1001080499	1	Assembly, Front Wiper (See Separate Breakdown in this Section)	
6	1001080862	1	Lower Duct	
7	1001080863	1	Front Duct	
8	1001080931	2	Duct Hose	
9	1001080933	1	Installation, Washer Tank W/Pump (See Separate Breakdown in this Section)	
10	1001081306	1	Front Wiper Spacer	
11	1001081331	1	Duct Hose	
12	1001081332	1	Duct Hose	
13	1001081375	1	Cab Air Filter	
14	1001081376	1	Cab Air Filter Seal Ring	
15	1001108196	6	Screw	
16	1001137943	1	Installation, Dash Enclosed Cab (See Separate Breakdown in this Section)	
17	1001189653	1	Spacer	
18	01043892	8	Tie wrap	
19	82033997	408 mm	Window Washer Hose	

FIGURE 6-10. CAB GLASS INSTALLATION, OPEN

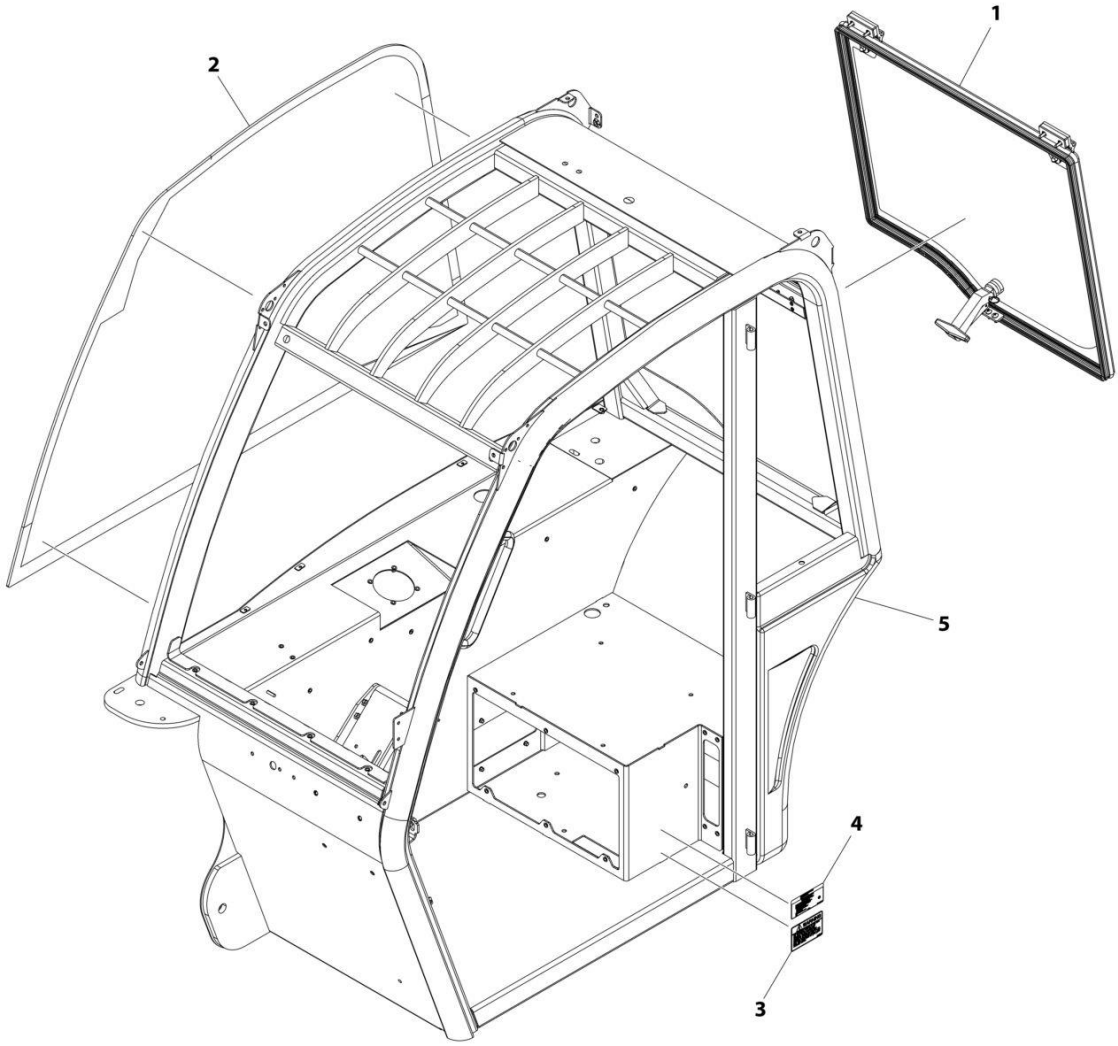


FIGURE 6-10. CAB GLASS INSTALLATION, OPEN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208616	Ref	Cab Glass Installation, Open	G
1	1001080796	1	Assembly, Rear Window (See Separate Breakdown in this Section)	
2	1001080798	1	Window, Right Side	
3	1001109365	1	Decal, ROPS Warning	
4	N.S.S.	1	SN Plate	
5	N.S.S.	1	Cab Weldment	

FIGURE 6-11. CAB GLASS INSTALLATION, ENCLOSED

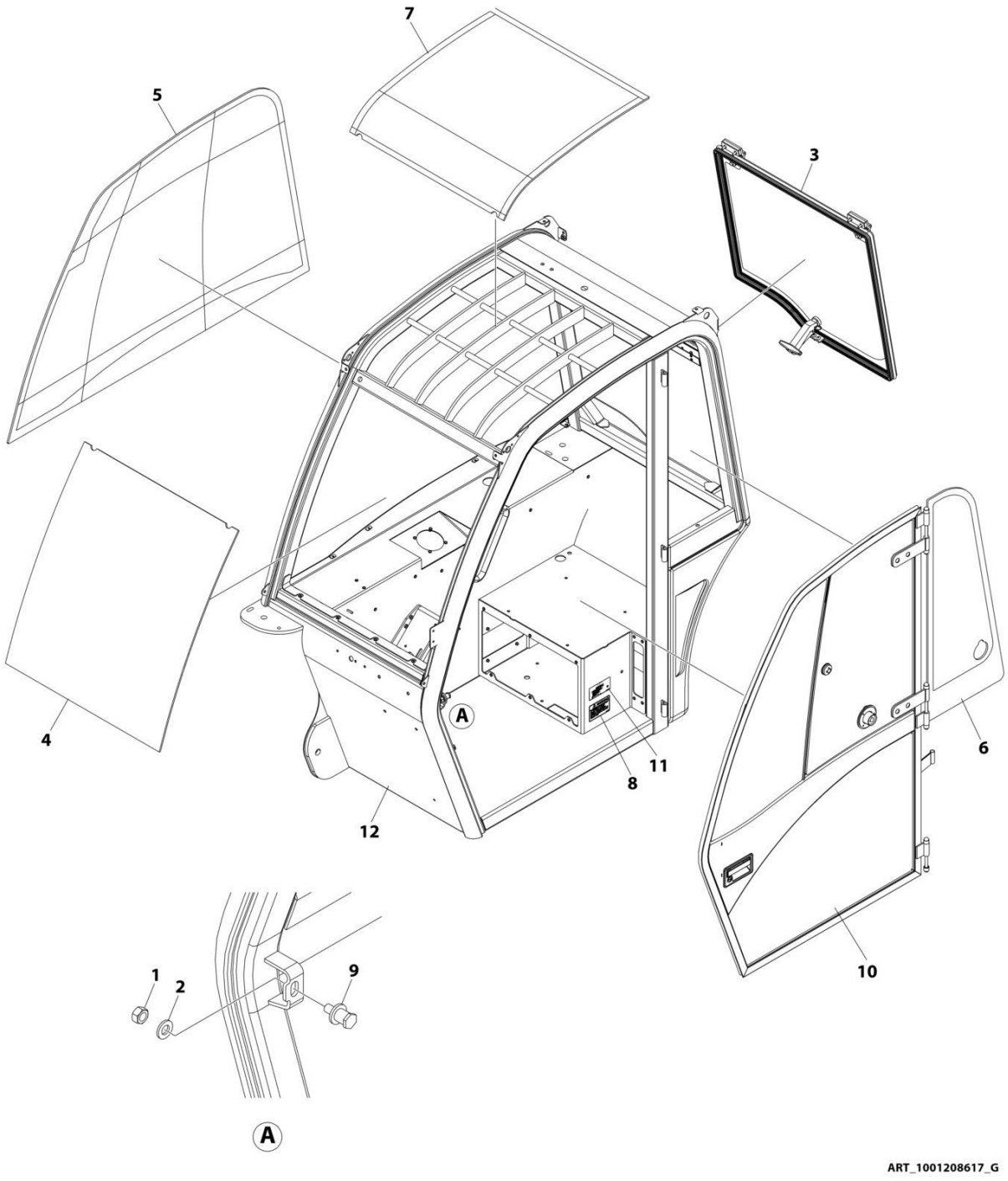


FIGURE 6-11. CAB GLASS INSTALLATION, ENCLOSED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001208617	Ref	CAB GLASS INSTALLATION, ENCLOSED	G
1	3291201	1	Nut M12	
2	1001009126	1	Washer	
3	1001080796	1	Rear Window Assembly (See Separate Breakdown in this Section)	
4	1001080797	1	Front Glass	
5	1001080798	1	Right Side Glass	
6	1001080801	1	Left Rear Glass	
7	1001080821	1	Skylight Glass	
8	1001109365	1	ROPS Warning Decal	
9	1001109478	1	Striker Latch	
10	1001150596	1	Installation, Door Assembly (See Separate Breakdown in this Section)	
11	N.S.S.	1	SN Plate	
12	N.S.S.	1	Cab Weldment	

FIGURE 6-12. REAR WINDOW ASSEMBLY

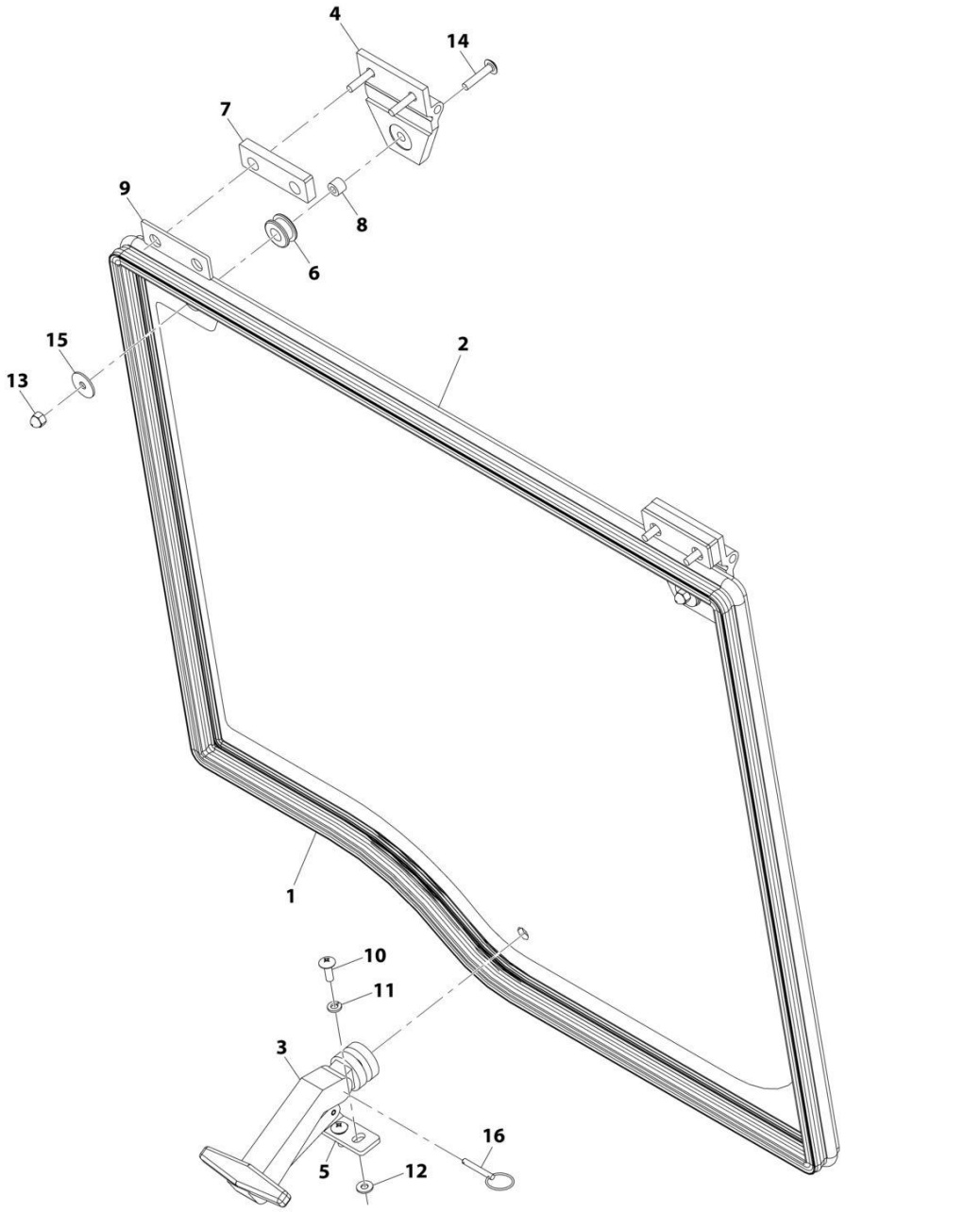


FIGURE 6-12. REAR WINDOW ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080796	Ref	Rear Window Assembly	G
1	1001107997	1	Window Rear Seal	
2	1001080926	1	Rear Hinged Glass	
3	1001081280	1	T-Style Hold Open	
4	1001081281	2	Plastic Hinge	
5	1001081282	1	Rear Window Latch Bracket	
6	1001081283	2	Grommet	
7	1001081284	2	Hinge Seal	
8	1001081285	2	Bushing	
9	1001081289	2	Hinge Mounting Pad	
10	1001108161	2	Truss HD Screw, 1/4-20X3/4	
11	1001108547	2	Lockwasher, 1/4	
12	1001108548	2	Washer, 1/4	
13	1001108549	2	Nut, 1/4-20	
14	1001110067	6	Torx Screw, 1/4-20X1-1/4	
15	1001108552	2	Flat Washer, 1/4	
16	1001109417	1	Detent Ring Pin	

FIGURE 6-13. DOOR ASSEMBLY INSTALLATION

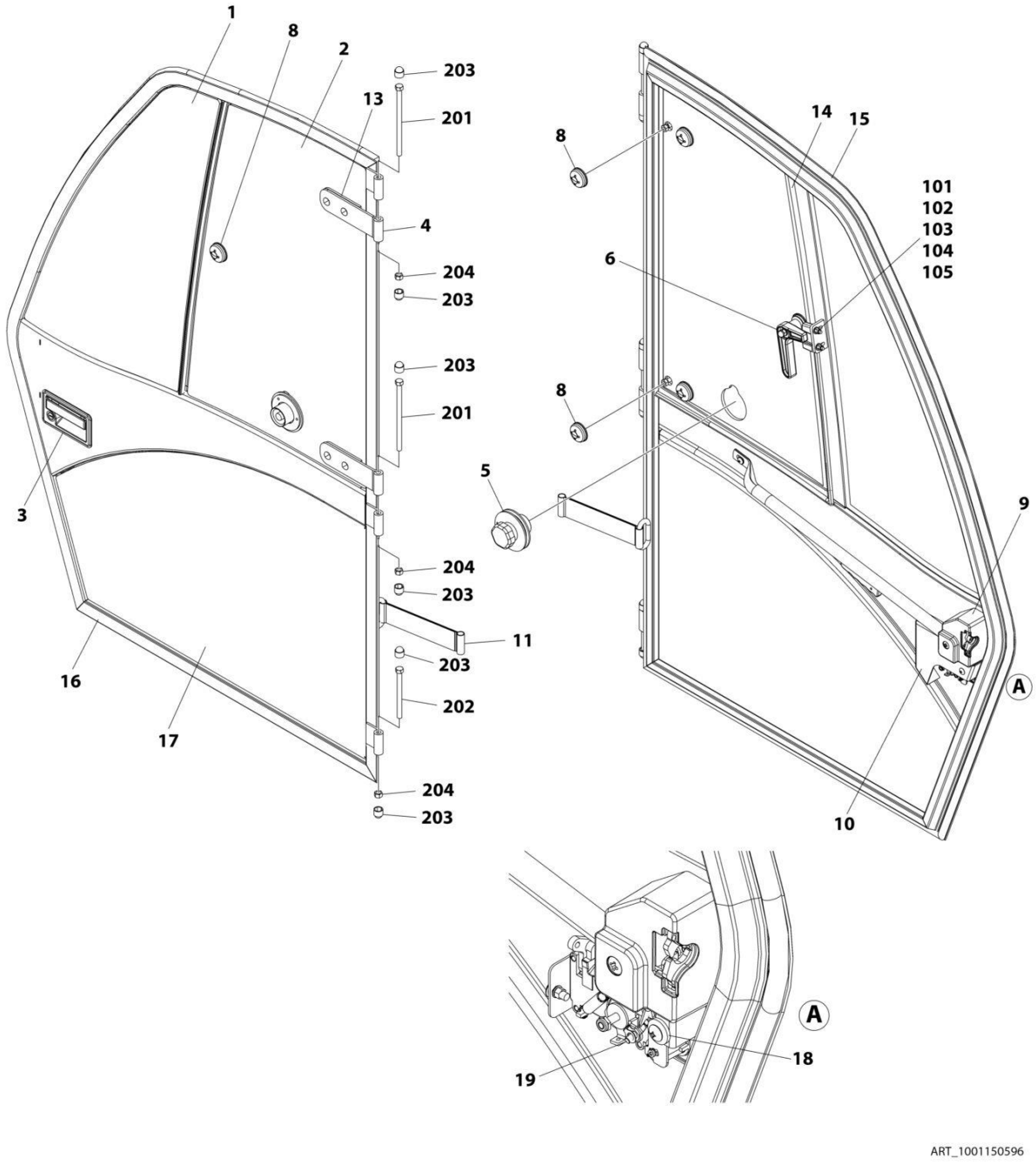


FIGURE 6-13. DOOR ASSEMBLY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150596	Ref	DOOR ASSEMBLY INSTALLATION	E
1	1001081235	1	Fixed Door Glass	
2	1001081236	1	Hinged Door Glass	
3	1001081241	1	Latch, Paddle W/Key	
3	8342813	1	Key, (Set of Two)	
4	1001081242	2	Hinge	
5	1001081243	1	Window Lock Latch	
6	1001081244	1	Window Latch (Use with Hardware 101-105)	
8	1001081246	5	Window Cap	
9	1001081247	1	Door Handle	
10	1001081248	1	Door Latch Cover	
11	1001081249	1	Door Restraint Strap	
13	1001081266	2	Spacer	
14	1001081268	1	Hinged Glass Seal	
15	1001081314	1	Door Seal	
16	1001080867JO	1	Door Frame	
17	1001081239	1	Cab Door Panel	
18	1001165585	1	Flat Washer	
19	91404309	1	Connecting Rod	
101	70021079	2	Bolt M6	
102	70021082	2	Nut M6	
103	80364037	1	Washer	
104	70021090	1	Seal	
105	70021095	1	Bolt M8 x 65	
201	8036064	2	Bolt 3/8 x 6-1/2	
202	80364005	1	Bolt 3/8 x 5	
203	1001182663	6	Cap	
204	8035632	3	Nut 3/8	

FIGURE 6-14. JLG COMMON INSTALLATION

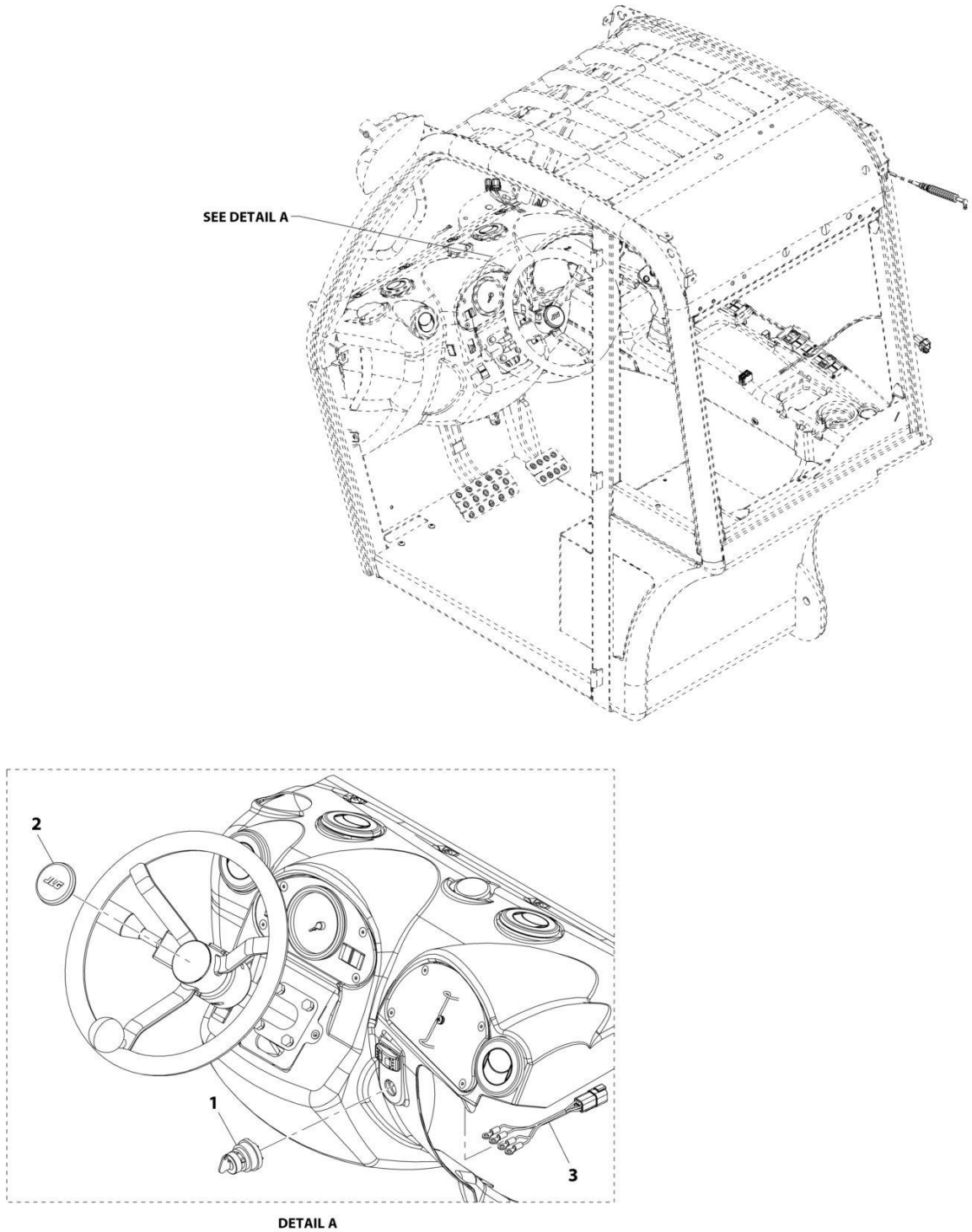


FIGURE 6-14. JLG COMMON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080742	Ref	JLG COMMON INSTALLATION	C
1	1001080379	1	Ignition Switch	
1	70020621	1	Key, Ignition	
2	1001080463	1	Center Cap	
3	1001100053	1	Start Switch Jumper Harness (See Separate Breakdown in ELECTRICAL Section)	
4	1001285715	1	Beacon Switch	

FIGURE 6-15. SEAT RISER COVER INSTALLATION

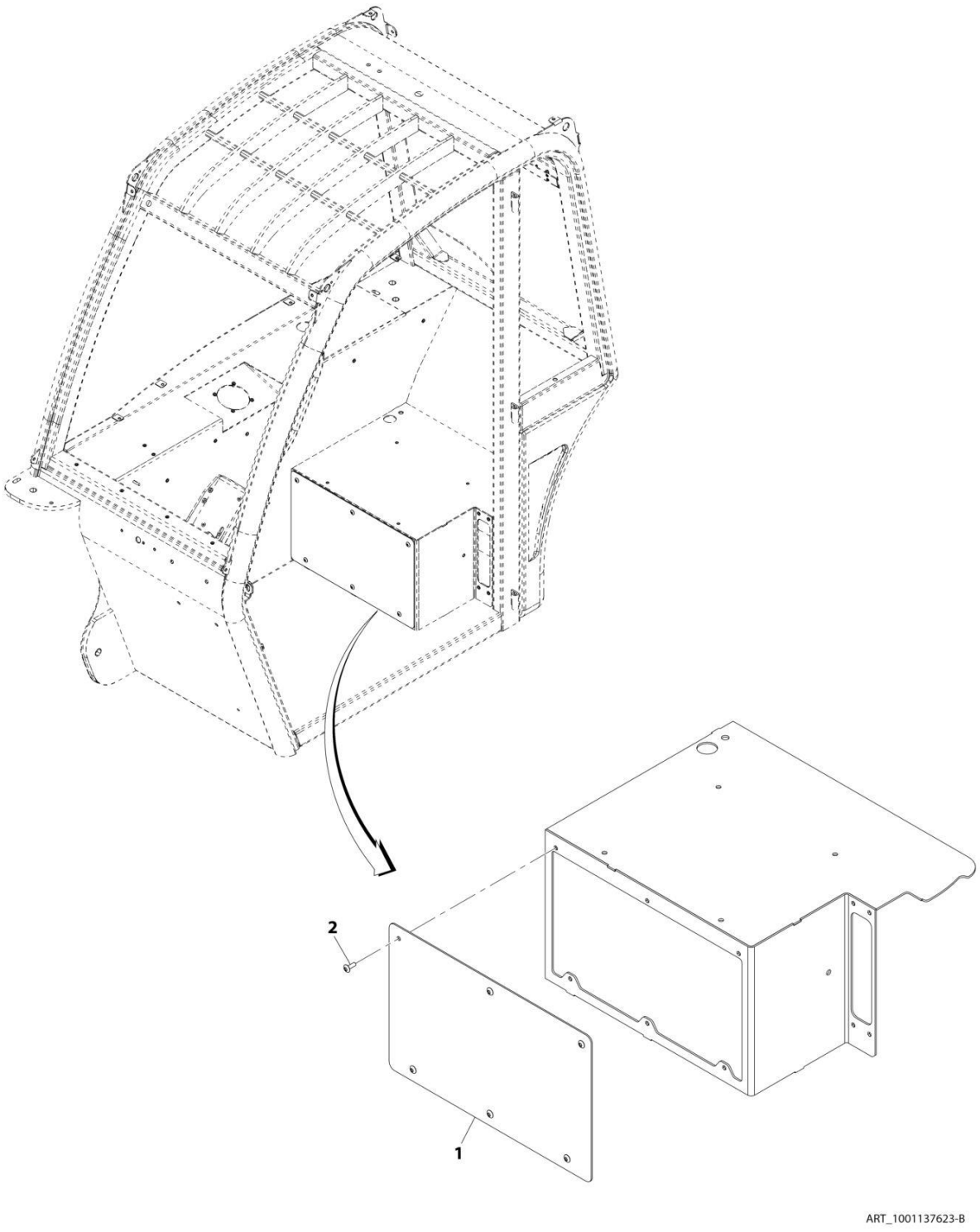


FIGURE 6-15. SEAT RISER COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137623	Ref	Seat Riser Cover Installation	B
1	1001137574	1	Panel	
2	8303034	6	Screw	

FIGURE 6-16. SEAT RISER COVER INSTALLATION, HVAC

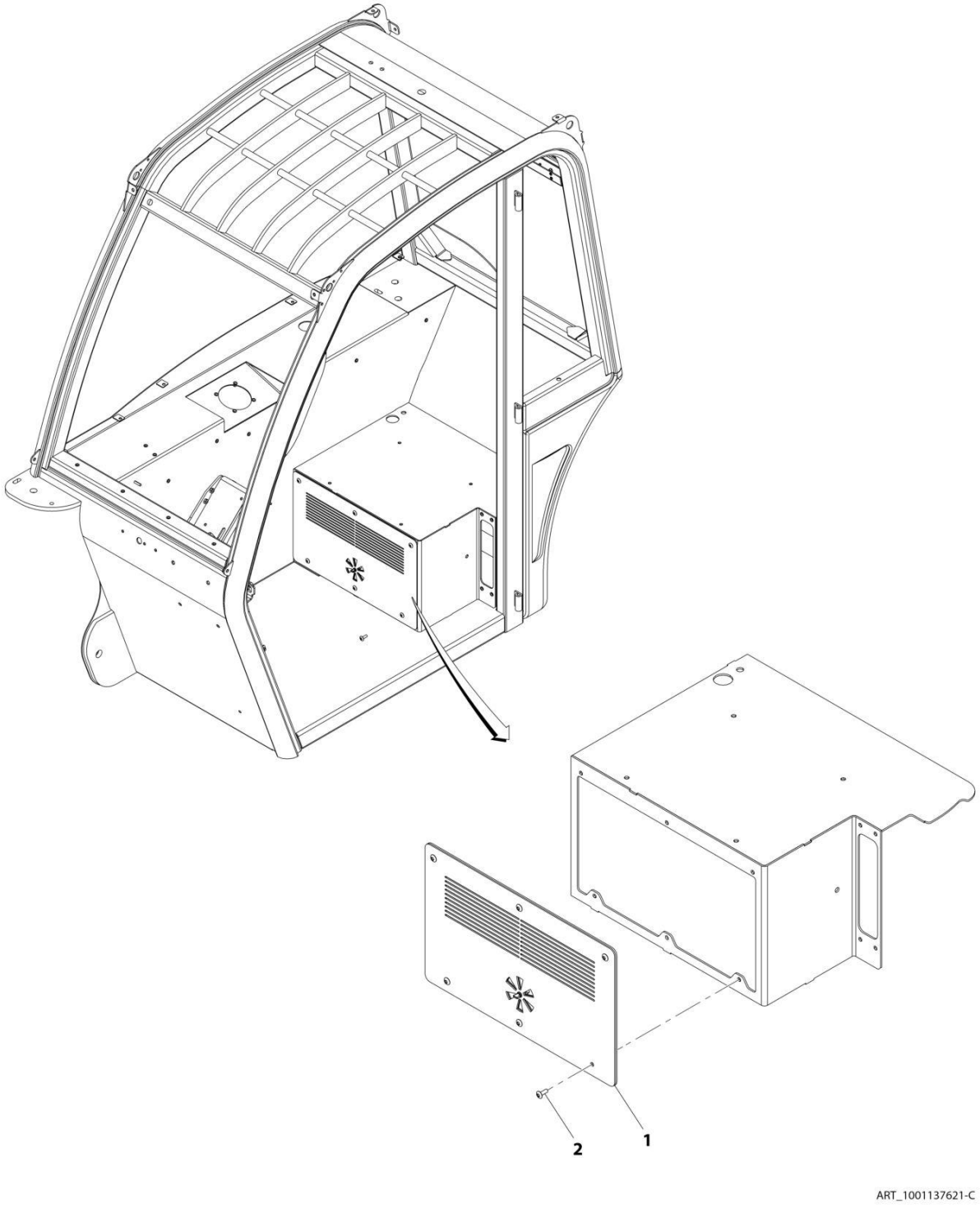


FIGURE 6-16. SEAT RISER COVER INSTALLATION, HVAC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137621	Ref	Seat Riser Cover Installation, HVAC	C
1	1001189948	1	HAVC Cover Panel	
2	8303034	6	Screw, 1/4-20X3/4	

FIGURE 6-17. OPEN CAB COMMON COMPONENTS INSTALLATION

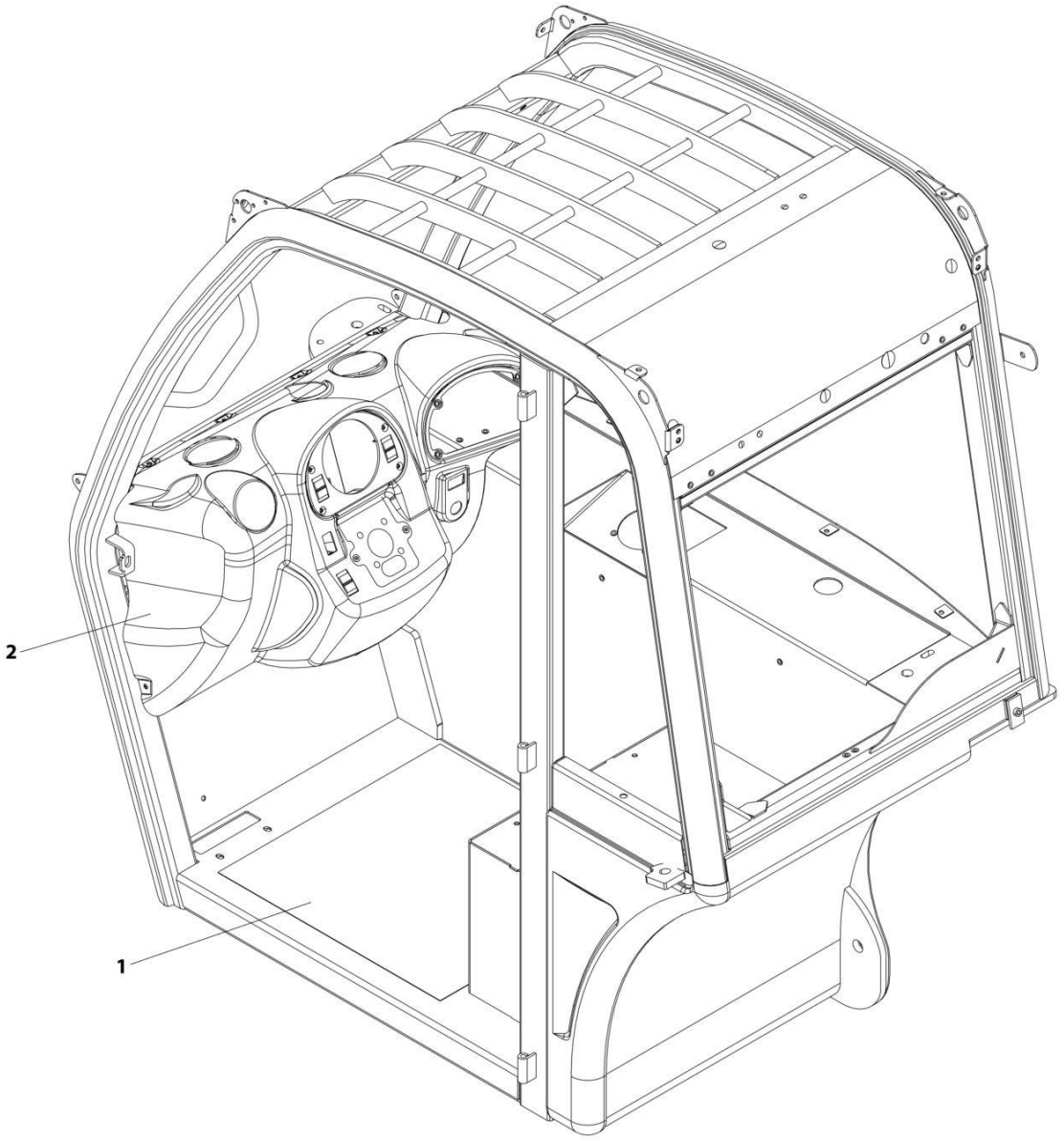


FIGURE 6-17. OPEN CAB COMMON COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138582	Ref	Open Cab Common Components Installation	A
1	1001080847	1	Skid, Floor	
2	1001139481	1	Installation, Open Cab Dash (See Separate Breakdown in this Section)	

FIGURE 6-18. DASH INSTALLATION, OPEN CAB

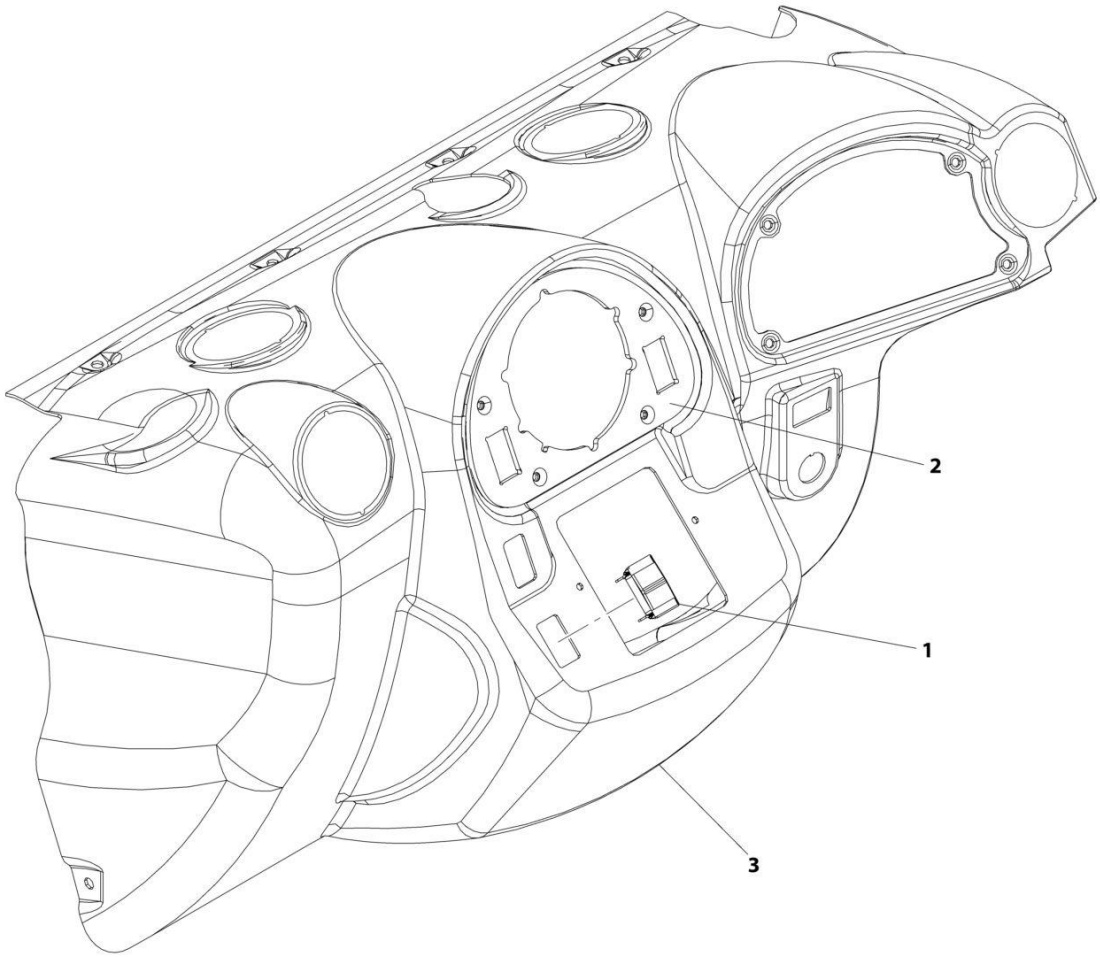


FIGURE 6-18. DASH INSTALLATION, OPEN CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139481	Ref	Dash Installation, Open Cab	C
1	1001080494	1	Switch Cover	
2	1001137985	1	Dash Mount	
3	1001153624	1	Cab Dash Cover	

FIGURE 6-19. DASH INSTALLATION, ENCLOSED CAB

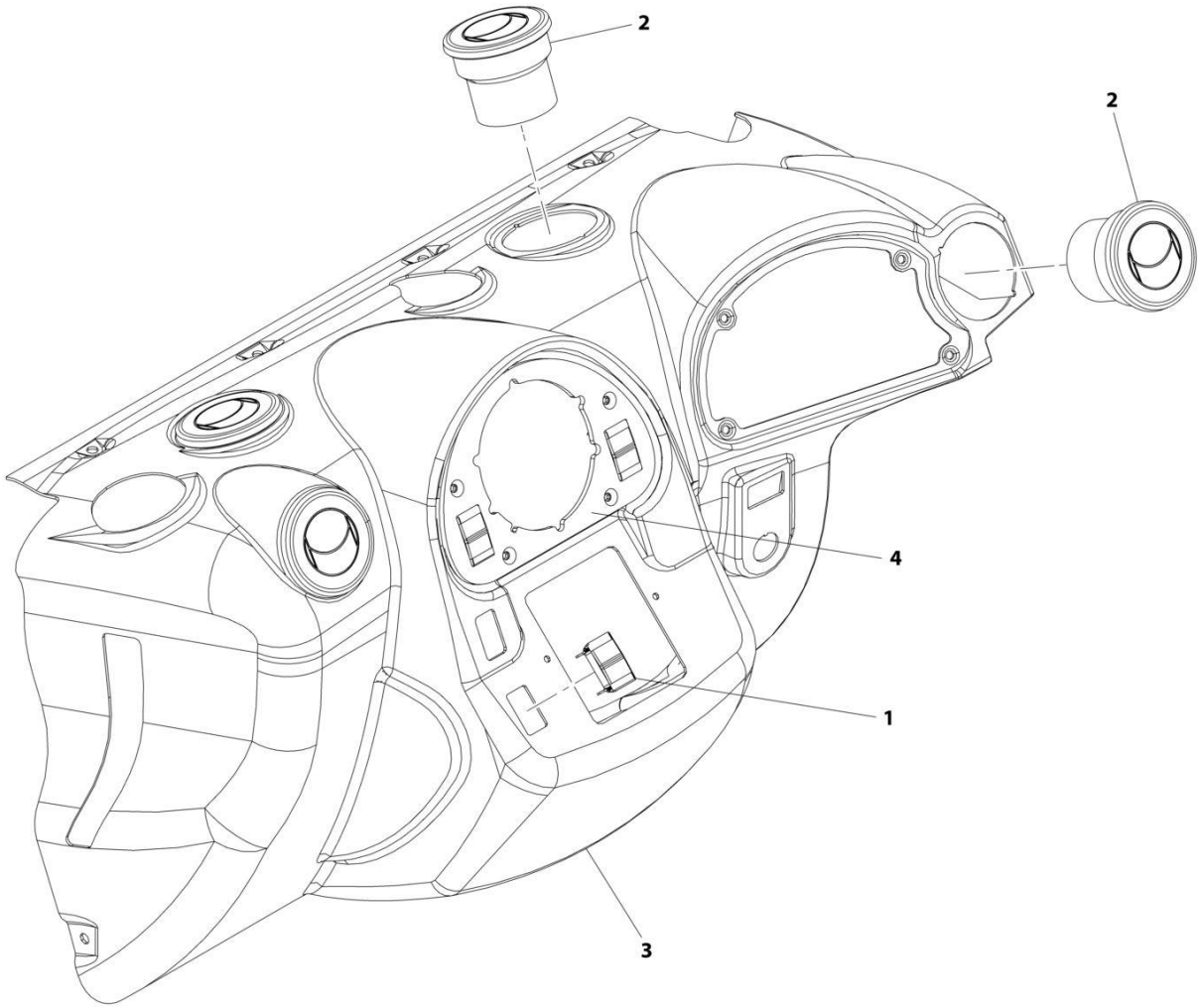


FIGURE 6-19. DASH INSTALLATION, ENCLOSED CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137943	Ref	Dash Installation, Enclosed Cab	C
1	1001080494	3	Cover Switch	
2	1001080848	4	Directional Vent	
3	1001153625	1	Cab Dash	
4	1001137985	1	Dash Mount	

FIGURE 6-20. RIGHT SIDE CONSOLE

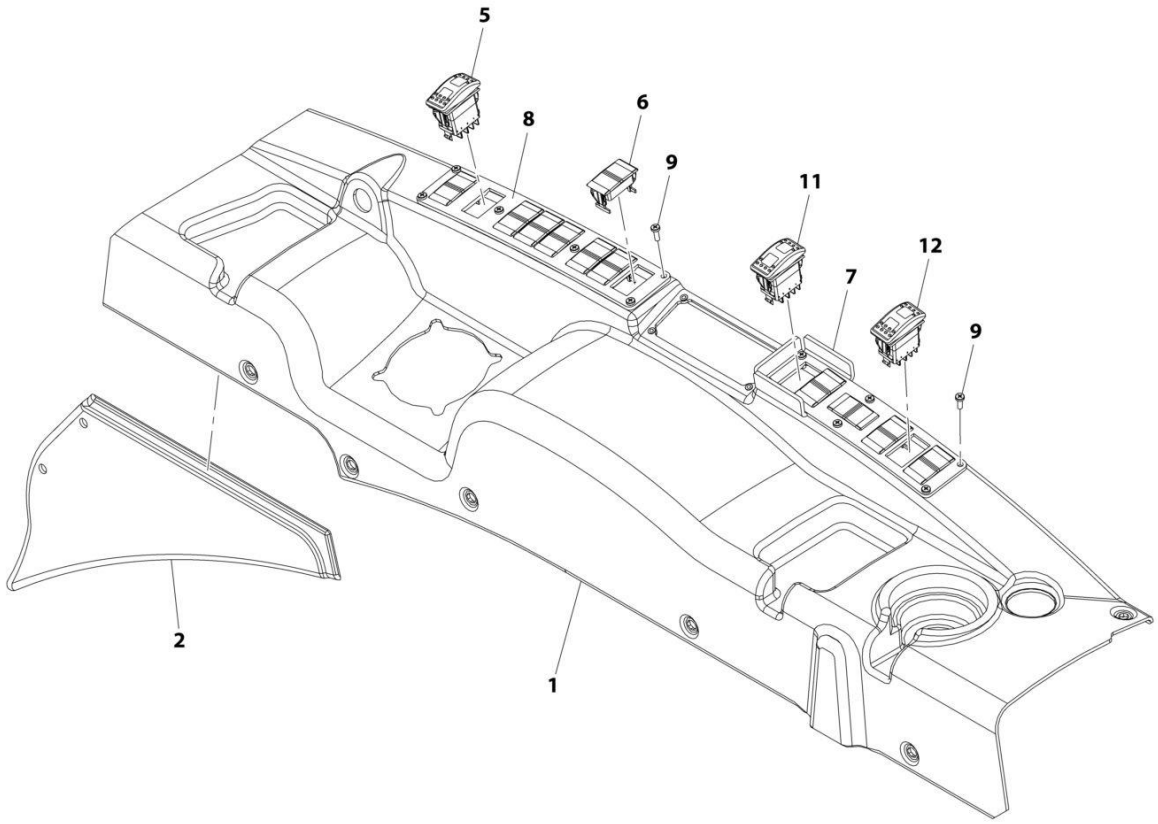


FIGURE 6-20. RIGHT SIDE CONSOLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080493	Ref	Right Side Console	J
1	1001153627	1	Console	
2	1001153626	1	Lower Plastic Console	
5	1001080378	1	Steer Select Switch	
6	1001080494	11	Switch Cover	
7	1001080969	1	Switch Mount Panel, Six Gang	
8	1001080970	1	Switch Mount Panel, Eight Gang	
9	1001139011	12	Pan HD Screw, #8-32	
11	1001080978	1	Lift/Loader Joystick Pattern Switch	
12	1001104654	1	Auxiliary Hydraulics Pressure Relief Switch	

FIGURE 6-21. NA COMMON INSTALLATION

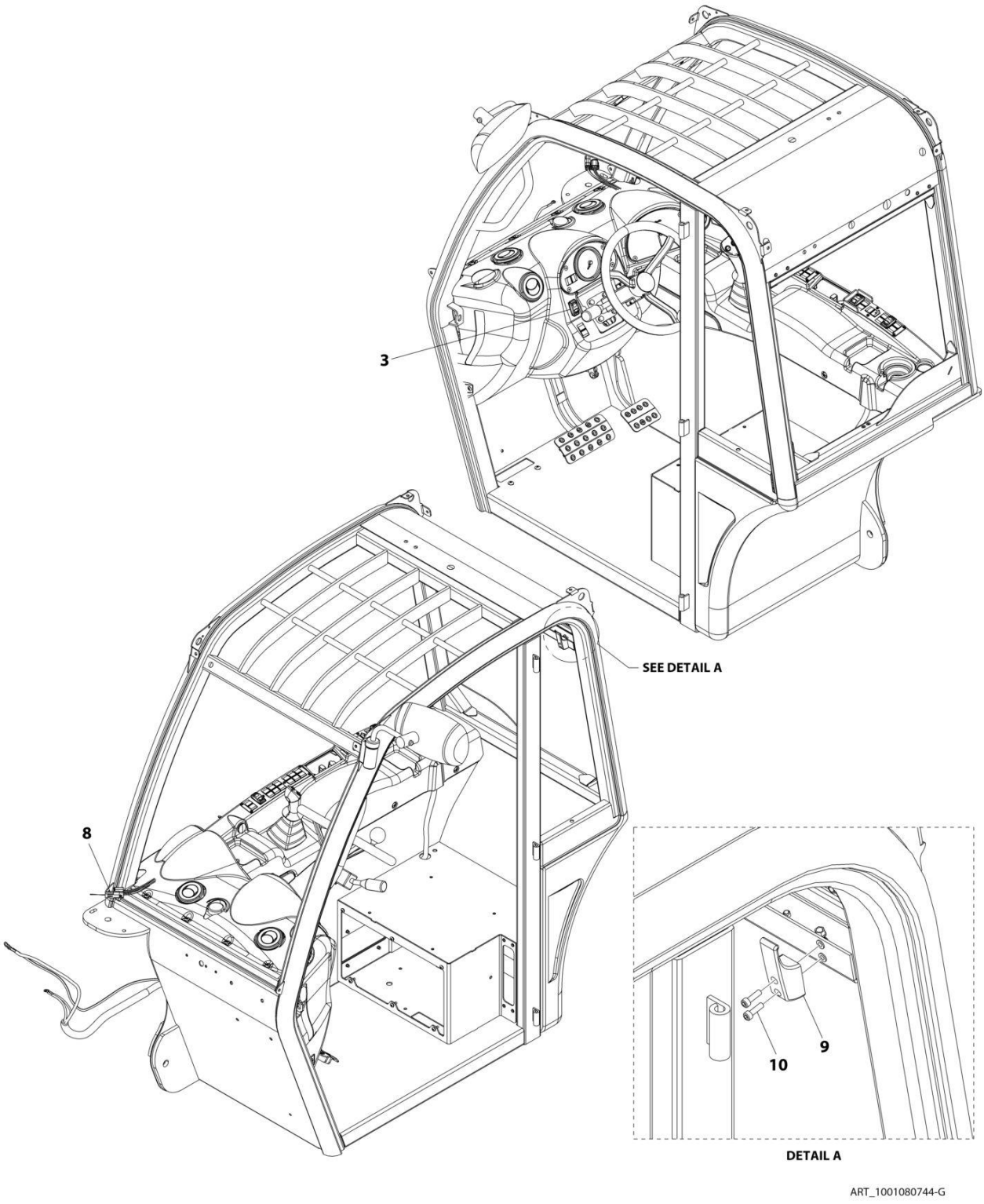


FIGURE 6-21. NA COMMON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080744	Ref	NA COMMON INSTALLATION	G
3	1001080374	1	Switch	
8	1001100966	1	Jumper Harness (See Separate Breakdown in ELECTRICAL Section)	
9	1001080953	1	Hook	
10	3931010	2	Screw	

FIGURE 6-22. NA COMMON COMPONENTS INSTALLATION (LSI)

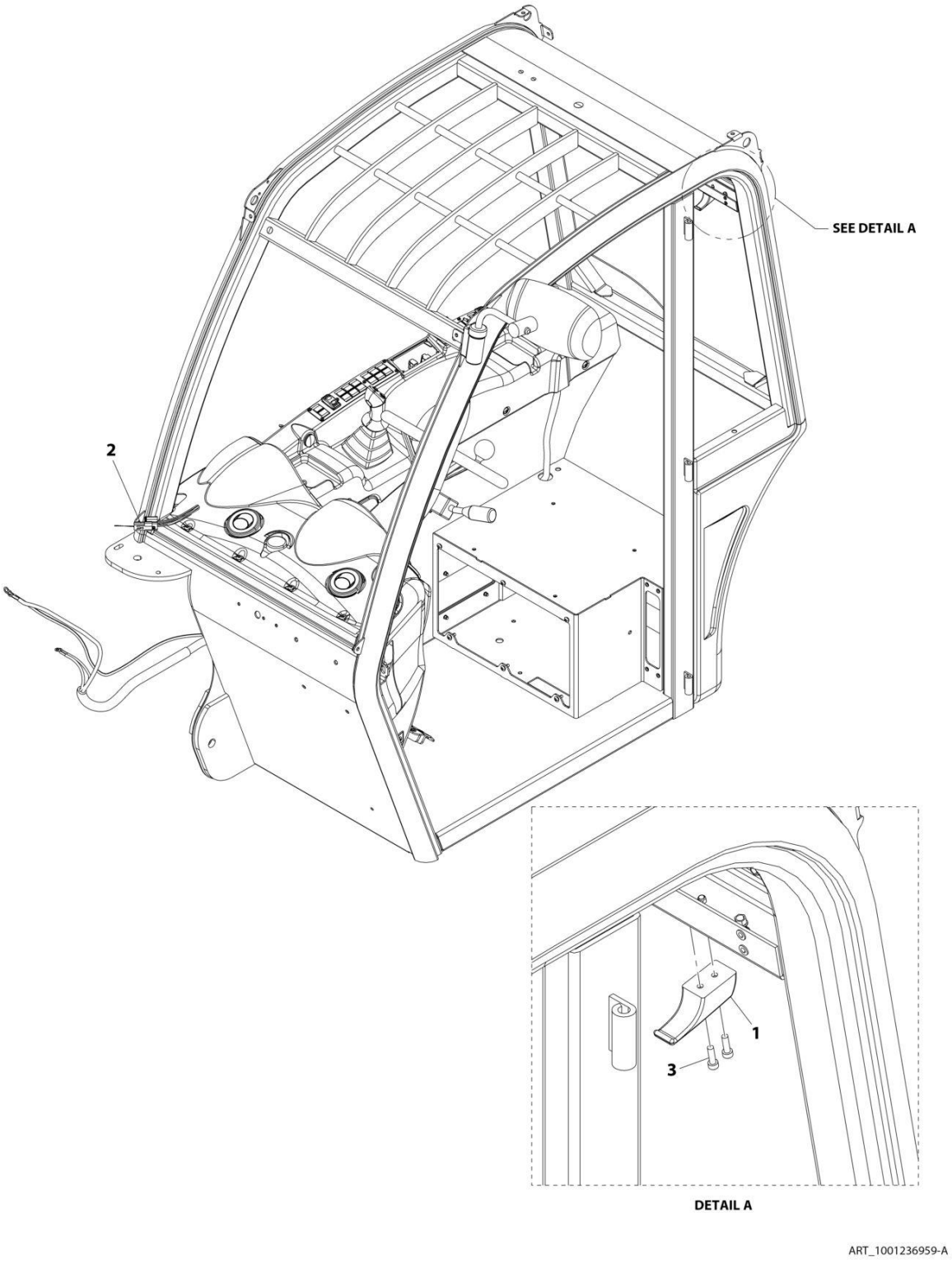


FIGURE 6-22. NA COMMON COMPONENTS INSTALLATION (LSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236959	Ref	NA COMMON COMPONENTS INSTALLATION (LSI)	A
1	1001080953	1	Hook	
2	1001100966	1	Jumper Harness (See Separate Breakdown in ELECTRICAL Section)	
3	1001108155	2	Bolt 10 x 5/8	

FIGURE 6-23. FRONT WIPER ASSSEMBLY

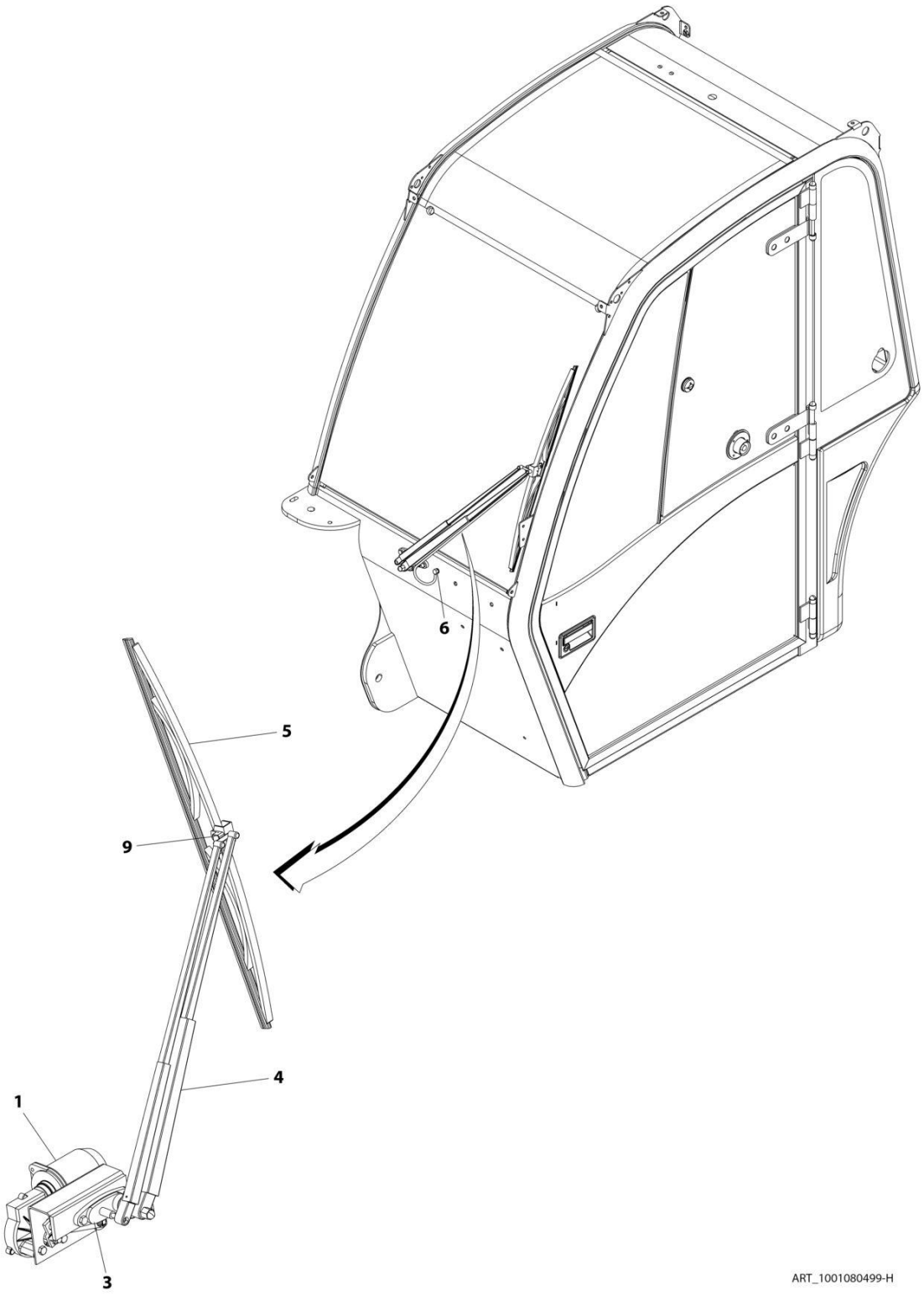


FIGURE 6-23. FRONT WIPER ASSSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080499	Ref	Front Wiper Asssembly	H
1	1001080383	1	Front Wiper Motor	
3	1001081307	1	Adapter Kit	
4	1001081308	1	Wiper Arm	
5	1001081309	1	Wiper Blade	
6	1001081310	1	Wet Arm Adaptor	
9	1001081311	1	Wet Arm Kit	

FIGURE 6-24. WASHER TANK W/PUMP INSTALLATION

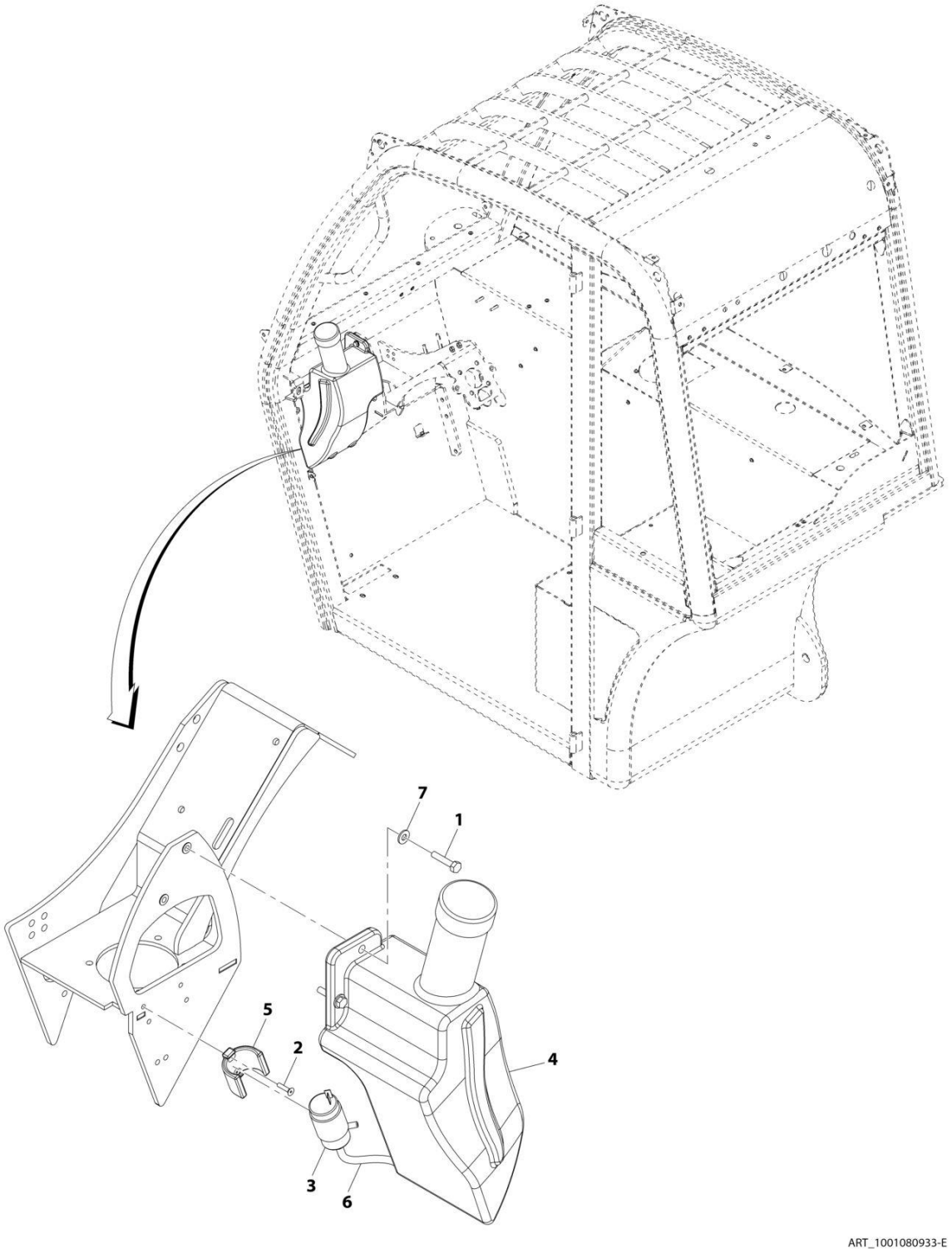


FIGURE 6-24. WASHER TANK W/PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080933	Ref	Washer Tank W/Pump Installation	E
1	0641410	2	Hex HD Capscrew, 1/4-20X1-1/4	
2	3900302	2	Stainless Steel Screw, #8	
3	1001080382	1	Washer Pump	
4	1001080824	1	Washer Fluid Tank Assembly (See Separate Breakdown in this Section)	
5	1001080932	1	Washer Pump Clamp	
6	82033997	5 in	Window Washer Hose	
7	4711400	2	Washer, 1/4	

FIGURE 6-25. ROOF/REAR WIPER INSTALLATION

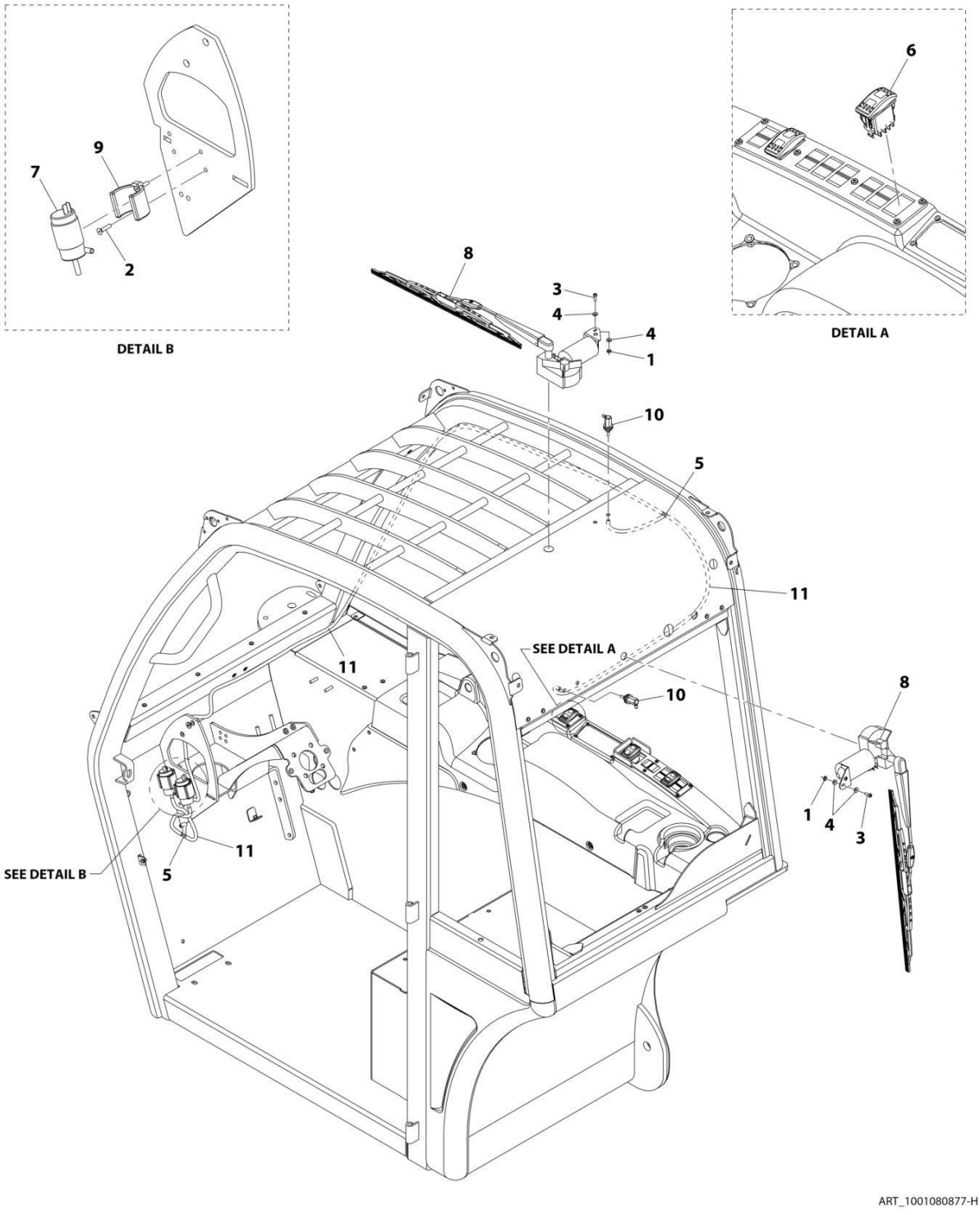
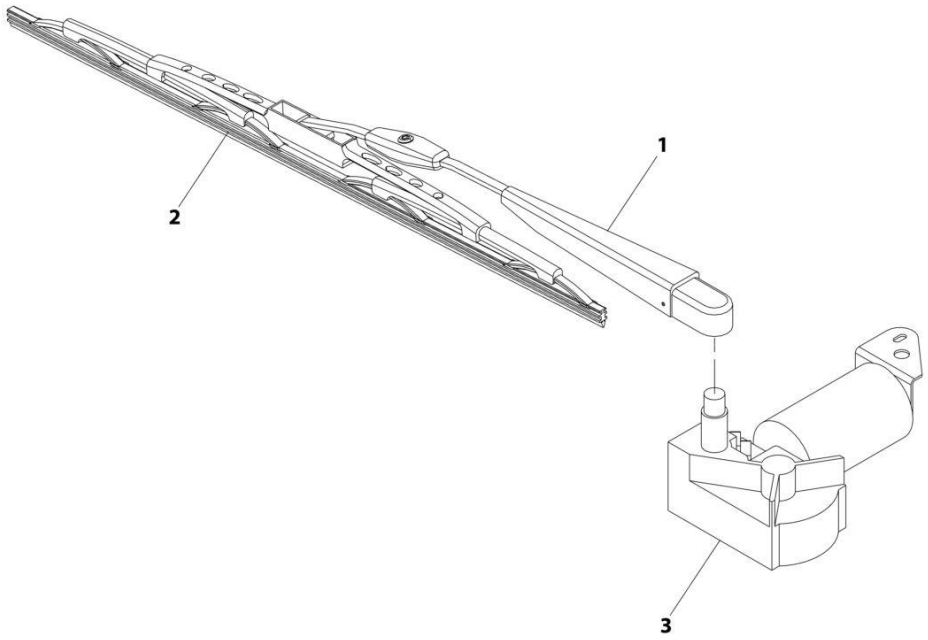


FIGURE 6-25. ROOF/REAR WIPER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080877	Ref	Roof/Rear Wiper Installation	H
1	8305002	2	Nut, M10	
2	3900302	2	Socket HD Capscrew, GR8	
3	1001197099	2	Screw	
4	4740120	4	Nylon Washer	
5	1001008742	2	Tee Coupling	
6	1001080377	1	Rear/Roof Wiper Switch	
7	1001080382	1	Windshield Washer Pump	
8	1001179547	2	AUX Wiper Assembly (See Separate Breakdown in this Section)	
9	1001080932	1	Washer Pump Clamp	
10	1001080985	2	Spray Nozzle	
11	82033997	157 in	Hose	

FIGURE 6-26. AUX WIPER ASSEMBLY



ART_1001179547-A

FIGURE 6-26. AUX WIPER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179547	Ref	AUX Wiper Assembly	A
1	1001179495	1	Wiper Link Assembly	
2	1001179496	1	Wiper	
3	1001179832	1	Motor	

FIGURE 6-27. SEAT ASSEMBLY - CLOTH (ORANGE SEAT BELT)

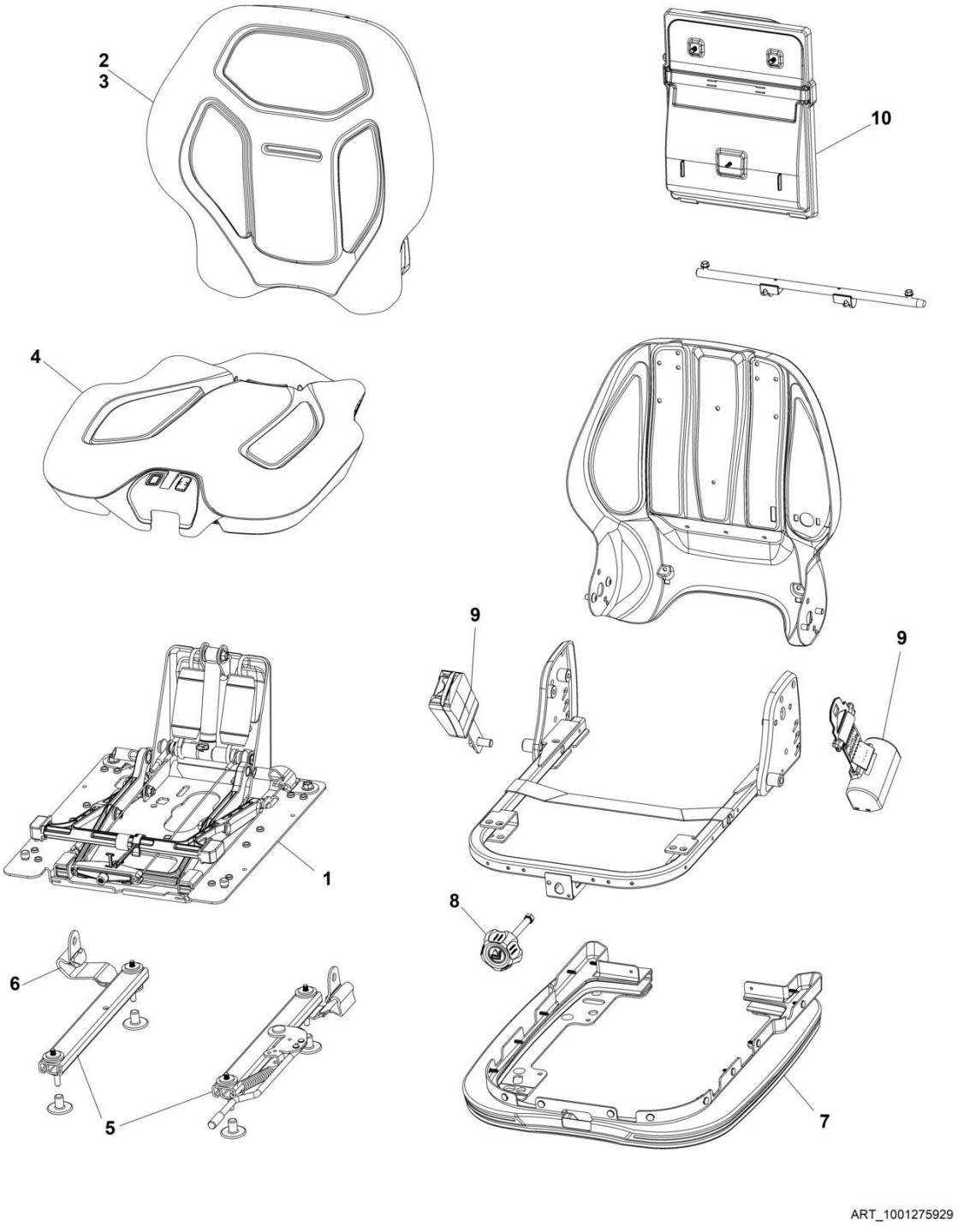


FIGURE 6-27. SEAT ASSEMBLY - CLOTH (ORANGE SEAT BELT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001275929	Ref	Seat Assembly	A
1	70027024	1	Suspension Kit	
2	70027026	1	Back Cushion Kit (JLG)	
3	70027027	1	Back Cushion Kit (CAT)	
4	70027028	1	Seat Cushion Kit	
5	7026798	1	Adjuster Kit	
6	70027032	1	Tether strap	
7	70027030	1	Boot Kit	
8	70027033	1	Weight Adjust Knob Kit	
9	1001275933	1	Seat Belt	
10	70027035	1	Document box Kit	

FIGURE 6-28. SEAT, LSI

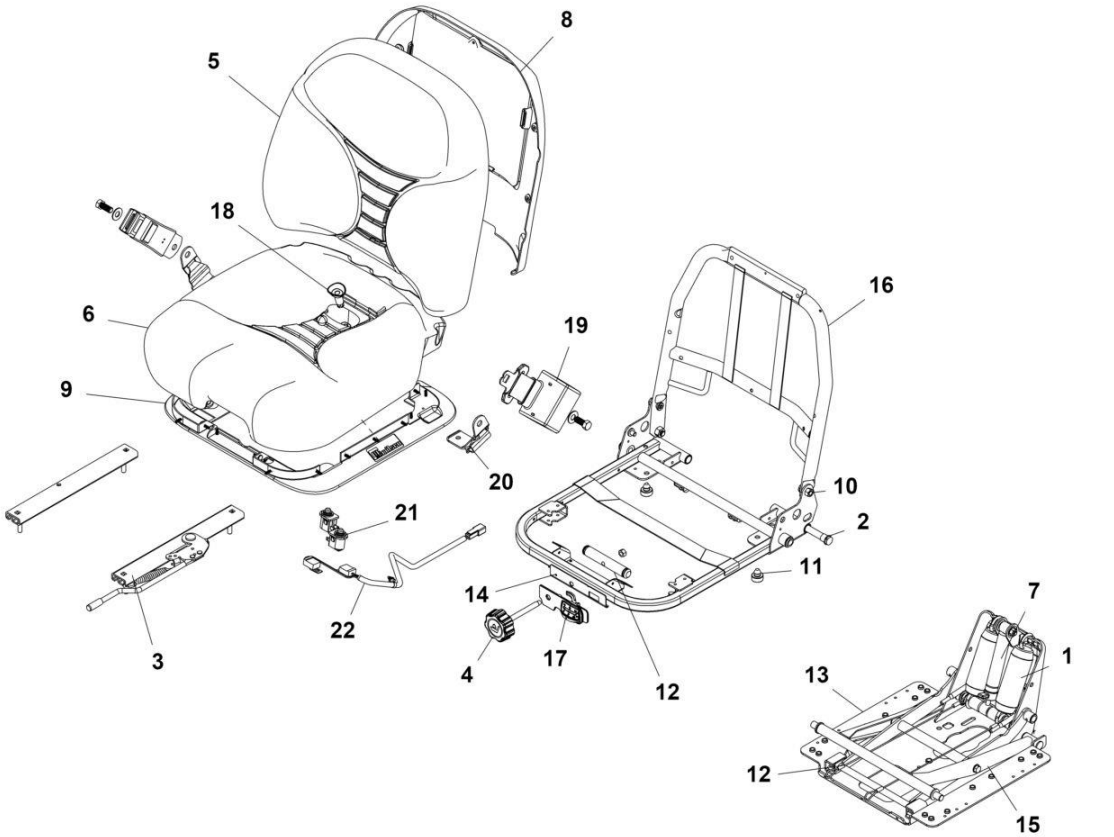


FIGURE 6-28. SEAT, LSI

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142055	Ref	Seat, LSI	D
1	7026798	1	Slide Kit	
2	7026799	1	Knob Kit	
3	7026900	1	Back Cushion Kit	
4	7026901	1	Seat Cushion Kit	
5	7026905	1	Seat Belt Kit	
6	7026906	1	Tether Kit	
7	7026902	1	Back Panel Kit	
8	70023040	1	Shock Absorber Kit, (Not Shown), (Includes One Shock Absorber, Two Shock Pins And Two Hex Nuts)	
9	70023041	1	Spring and Saddle Kit, (Not Shown)	

FIGURE 6-29. SEAT BELT INSTALLATION (3 INCH)

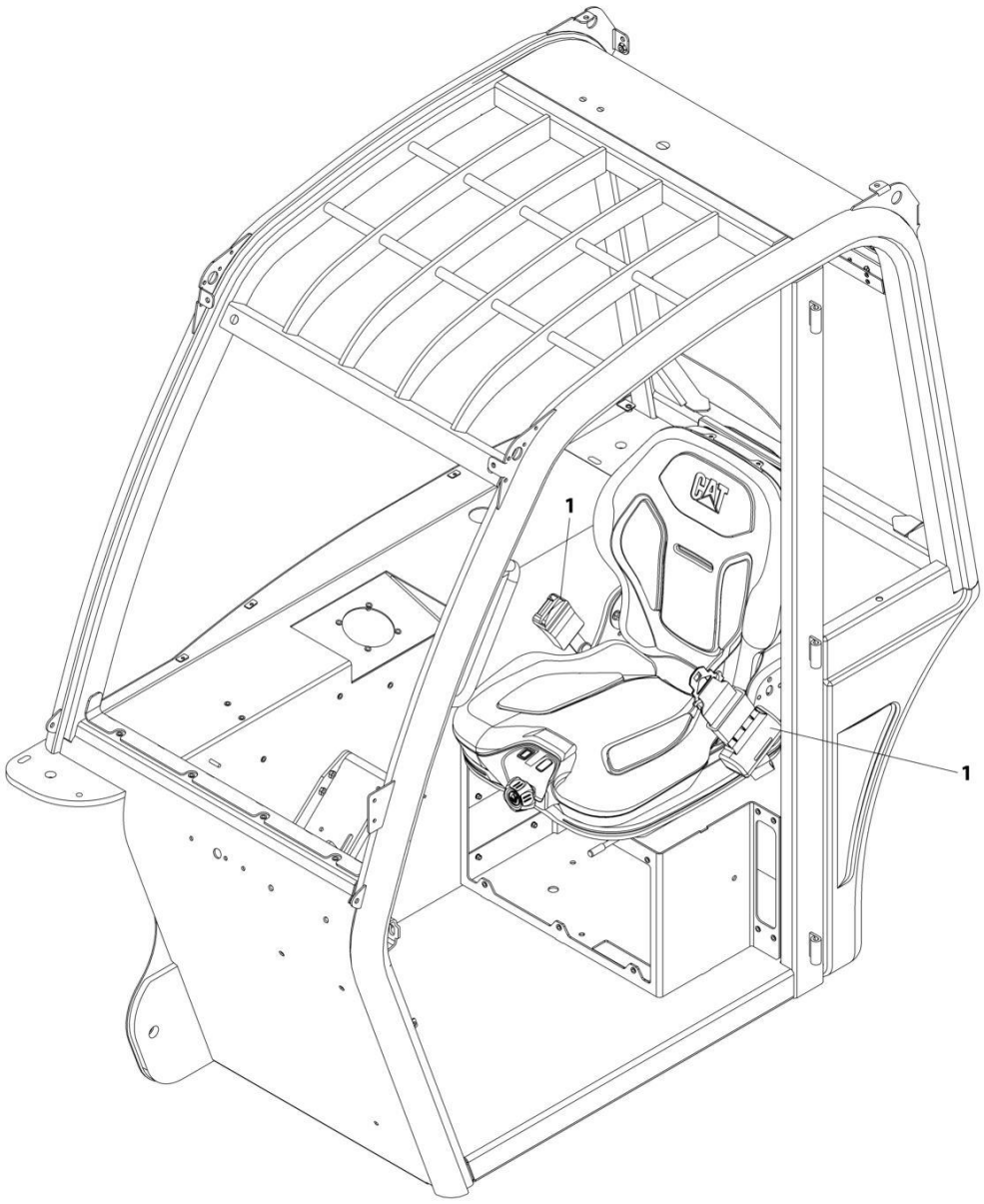


FIGURE 6-29. SEAT BELT INSTALLATION (3 INCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233666	Ref	Seat Belt Installation (3 Inch)	C
1	1001258244	1	Seat Belt (3in) (Black Strap)	
1	1001275933	1	Seat Belt (3in) (Orange Strap)	

FIGURE 6-30. SEAT BELT INSTALLATION, LSI (3 INCH)

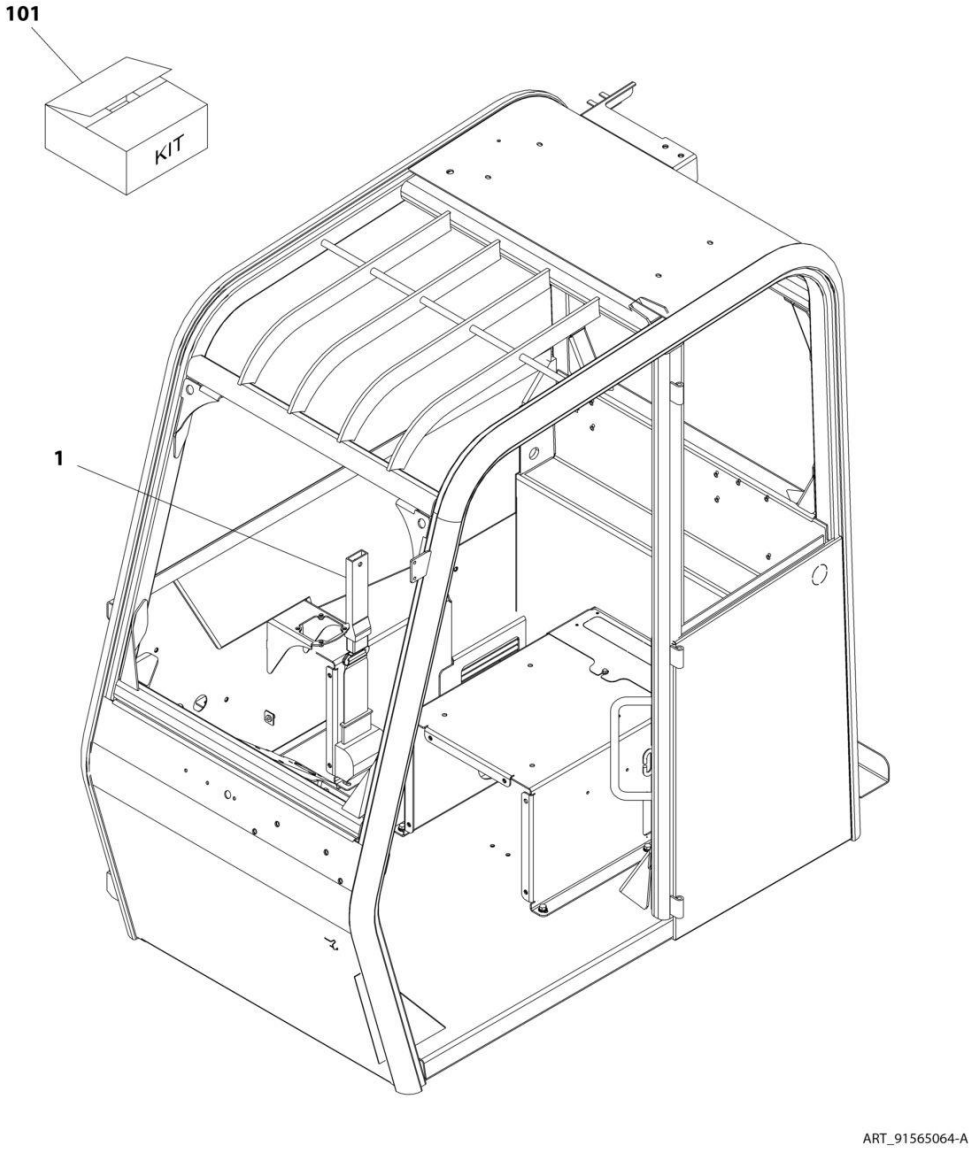


FIGURE 6-30. SEAT BELT INSTALLATION, LSI (3 INCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	91565064	Ref	Seat Belt Installation, LSI (3 Inch)	A
1	91563164	NLA	Seat Belt (no longer available, use 70023139 for replacement)	
101	70023139	1	Kit, 3 Inch Seat Belt (includes female and retractor ends)	

FIGURE 6-31. CONTROL COVER INSTALLATION

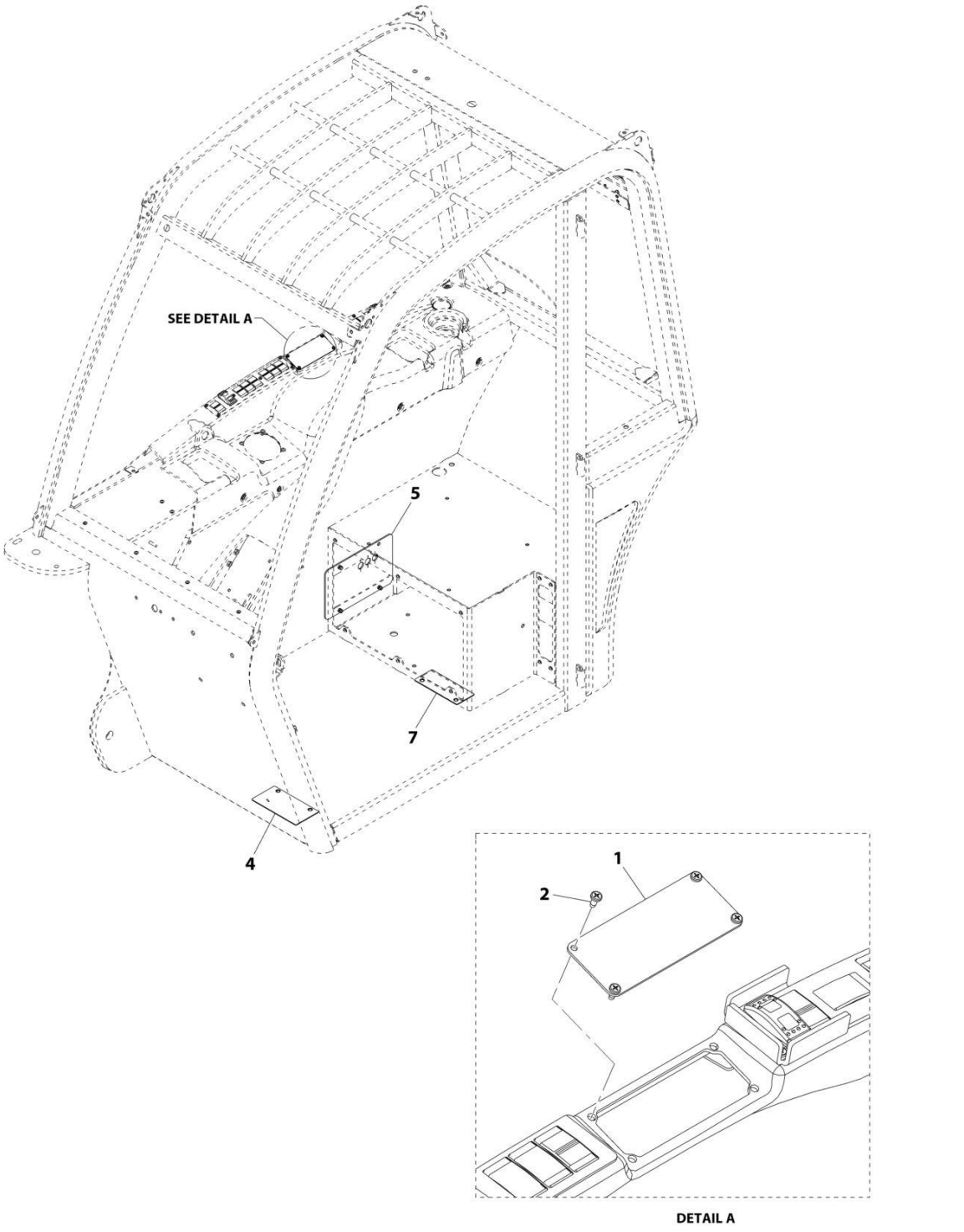


FIGURE 6-31. CONTROL COVER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080876	Ref	Control Cover Installation	H
1	1001080852	1	Heater Control Cover	
2	1001137454	4	Pan HD Screw	
4	1001080974	1	Ductwork Panel	
5	1001080975	1	Parking Brake Release Valve Only Panel	
7	1001081023	1	Ductwork Panel	

FIGURE 6-32. HEATER INSTALLATION (CAB PARTS)

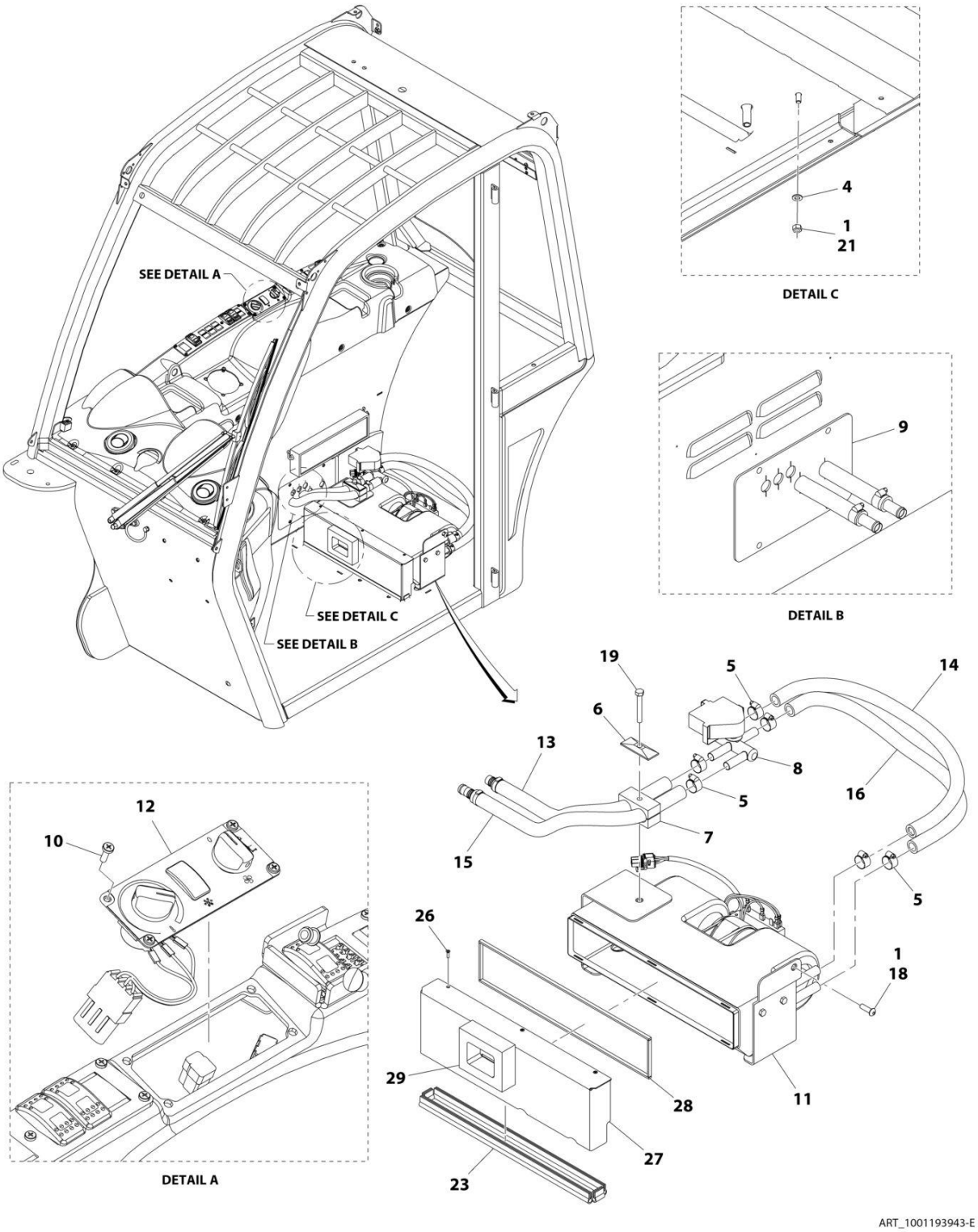


FIGURE 6-32. HEATER INSTALLATION (CAB PARTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193943	Ref	Heater Installation (cab parts)	E
1	0100011	AR	Compound, Locking	
4	4811900	1	Washer, M8	
5	8410009	6	Gear Clamp	
6	77133137	1	Cover Plate	
7	77133279	1	Clamp	
8	80383231	1	Water Heater Valve	
9	1001080976	1	Parking Brake Release Valve And Heater Panel	
10	1001137454	4	Pan HD Screw	
11	1001193805	1	Assembly, Heater 3 Speed (See Separate Breakdown in this Section)	
12	1001193945	1	Heater Control Switch (See Separate Breakdown in Control Section)	
13	1001193973	1	Hose	
14	1001193974	1	Hose	
15	1001193975	1	Hose	
16	1001193976	1	Hose	
18	0630468	1	Hex HD Capscrew, 5/16-18X2, GR5	
19	0641518	1	Hex HD Capscrew, 5/16-18X2-1/4, GR5	
21	3311501	1	Hex Nut, 5/16-18, GR2	
23	1001110433	856 mm	Seal	
26	91413036	1	Screw, M6X12	
27	1001202939	1	Duct	
28	1001113047	970 mm	Adhesive Seal	
29	1001209966	1	Seal, Duct	

FIGURE 6-33. HEATER AND A/C INSTALLATION (CAB PARTS)

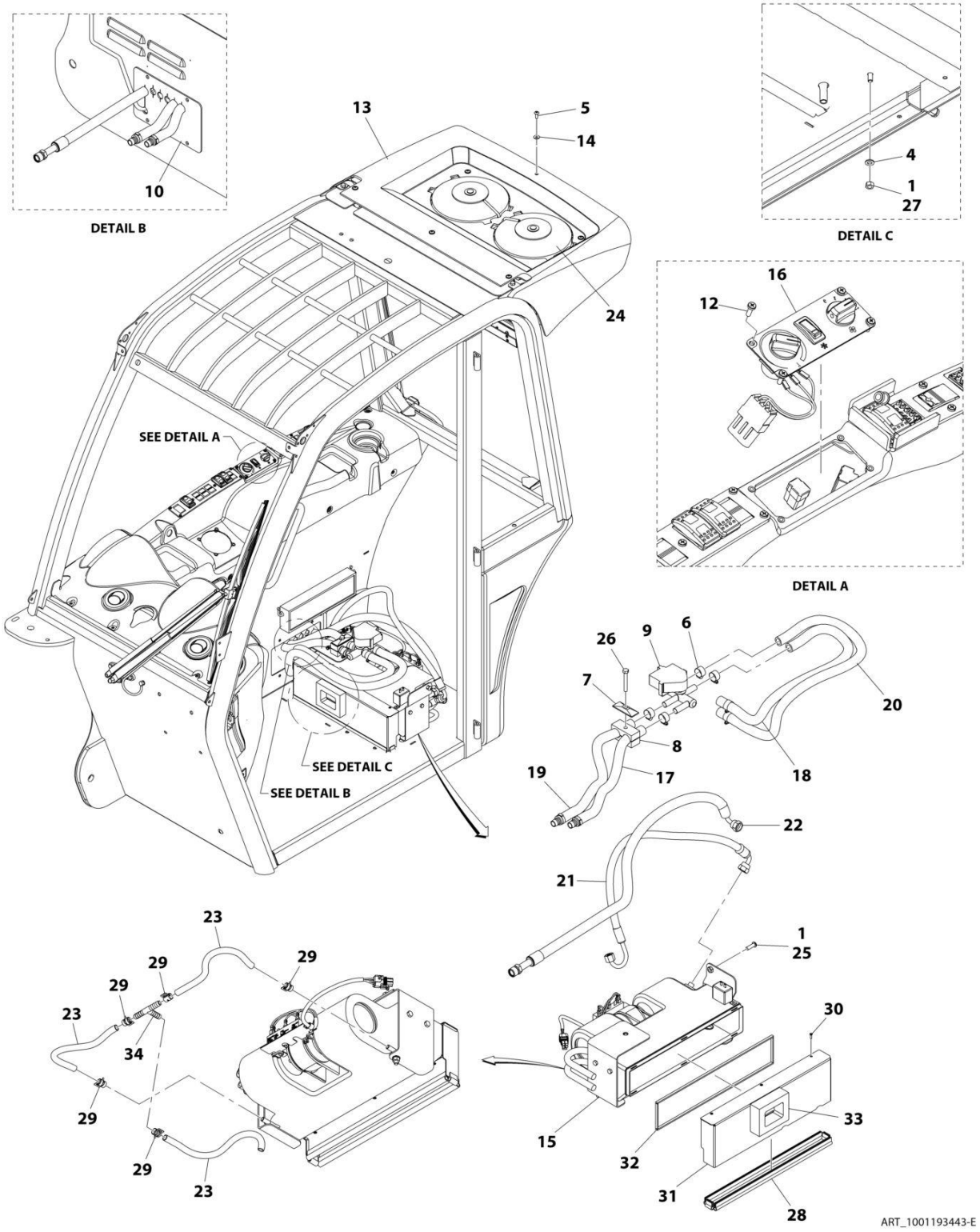


FIGURE 6-33. HEATER AND A/C INSTALLATION (CAB PARTS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193443	Ref	Heater and A/C Installation (cab parts)	E
1	0100011	AR	Compound, Locking	
4	4811900	1	Washer M8	
5	8303034	6	Screw 1/4 x 3/4	
6	8410009	6	Gear Clamp	
7	77133137	1	Cover Plate	
8	77133279	1	Clamp	
9	80383231	1	Water Heater Valve	
10	1001220705	1	Parking Brake Release Valve, Heater and AC Panel	
12	1001139011	4	Pan HD Screw	
13	1001139801	1	Cover	
14	1001150509	6	Washer	
15	1001193432	1	Assembly, Heater and A/C, 3 Speed (See Separate Breakdown in This Section)	
16	1001193501	1	HVAC Control Switch (See Separate Breakdown in Control Section)	
17	1001193720	1	Hose	
18	1001193721	1	Hose	
19	1001193723	1	Hose	
20	1001193725	1	Hose	
21	1001193761	1	Hose	
22	1001193762	1	Hose	
23	1001195447	809 mm	Hose	
24	1001202352	1	AC Condenser Installation (See Separate Breakdown in this Section)	
25	0630468	1	Capscrew 5/16 x 1	
26	0641518	1	Capscrew 5/16 x 2-1/4	
27	3311501	1	Nut 5/16	
28	1001110433	856 mm	Seal	
29	1001156087	5	Gear Clamp	
30	91413036	6	Screw M6 x 12	
31	1001202939	1	Duct	
32	1001113047	970 mm	Adhesive Seal	
33	1001209966	1	Seal, Duct	
34	1001172953	1	Union Tee	

FIGURE 6-34. HEATER ASSEMBLY, 3 SPEED

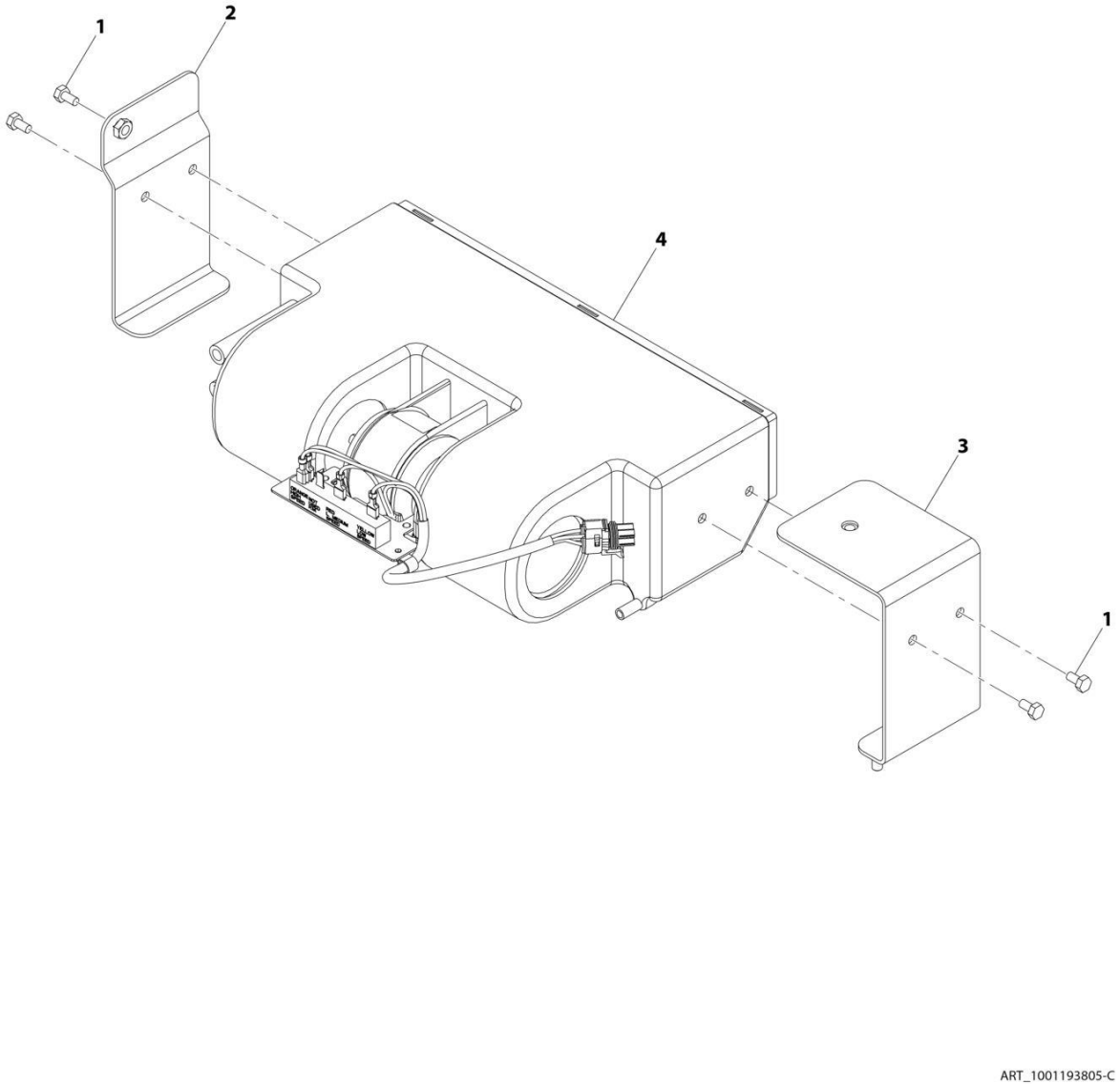


FIGURE 6-34. HEATER ASSEMBLY, 3 SPEED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193805	Ref	Heater Assembly, 3 Speed	C
1	0641404	4	Hex HD Capscrew, 1/4-20X1/2, GR5	
2	1001193528	1	Bracket	
3	1001193529	1	Bracket	
4	1001195348	1	Heater Assembly (See Separate breakdown in this Section)	

FIGURE 6-35. HEATER AND A/C ASSEMBLY, 3 SPEED

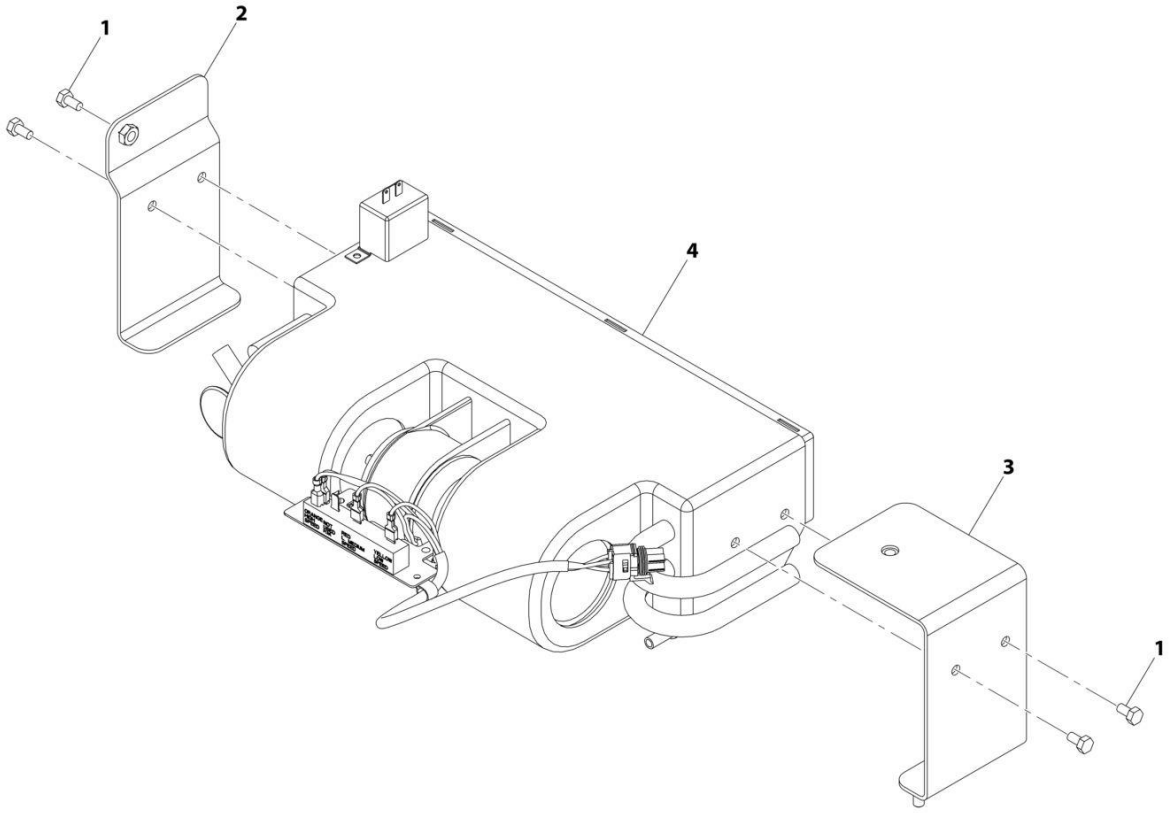


FIGURE 6-35. HEATER AND A/C ASSEMBLY, 3 SPEED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193432	Ref	Heater and A/C Assembly, 3 Speed	C
1	0641404	4	Hex HD Capscrew, 1/4-20X1/2, GR5	
2	1001193528	1	Bracket	
3	1001193529	1	Bracket	
4	1001195347	1	Assembly, Heater and A/C (See Separate breakdown in this Section)	

FIGURE 6-36. HEATER

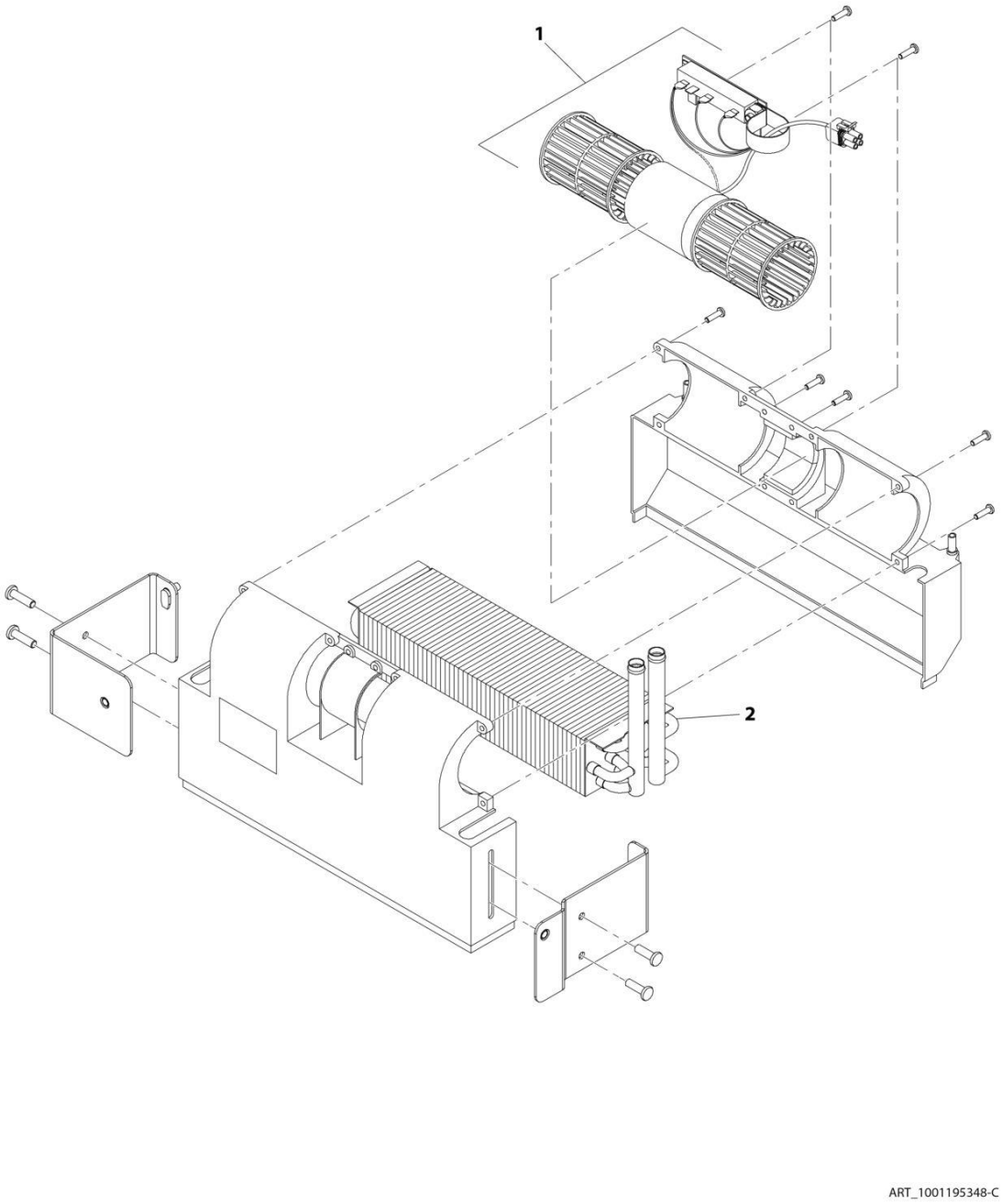


FIGURE 6-36. HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195348	Ref	Heater	C
1	70022805	1	Blower Motor	
2	70025925	1	Heater Coil	

FIGURE 6-37. HEATER AND A/C

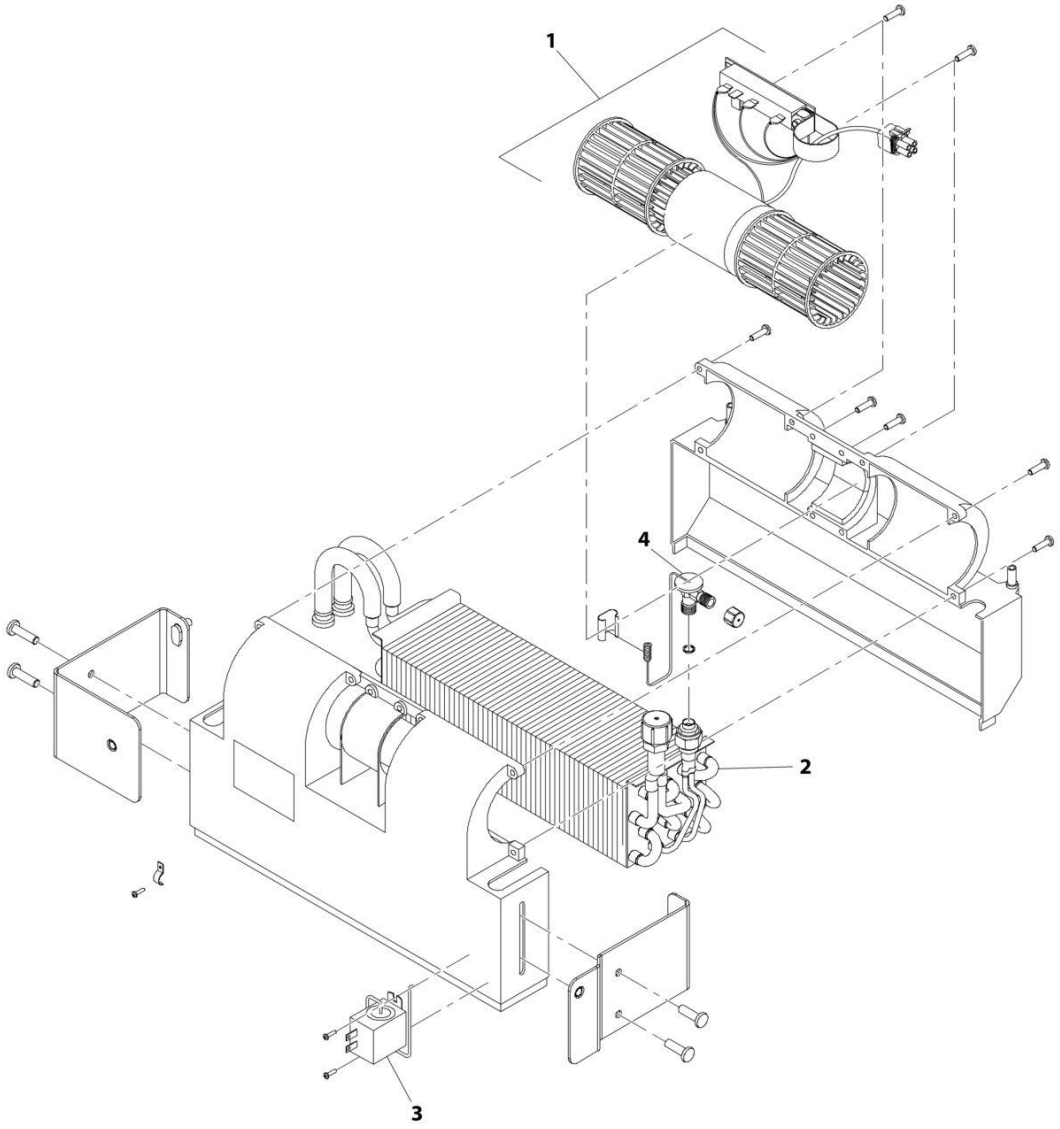


FIGURE 6-37. HEATER AND A/C

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195347	Ref	Heater and A/C	C
1	70022805	1	Blower Motor	
2	70027632	1	Coil	
3	70024386	1	Thermostat	
4	91514272	1	Expansion Valve	

FIGURE 6-38. A/C KIT

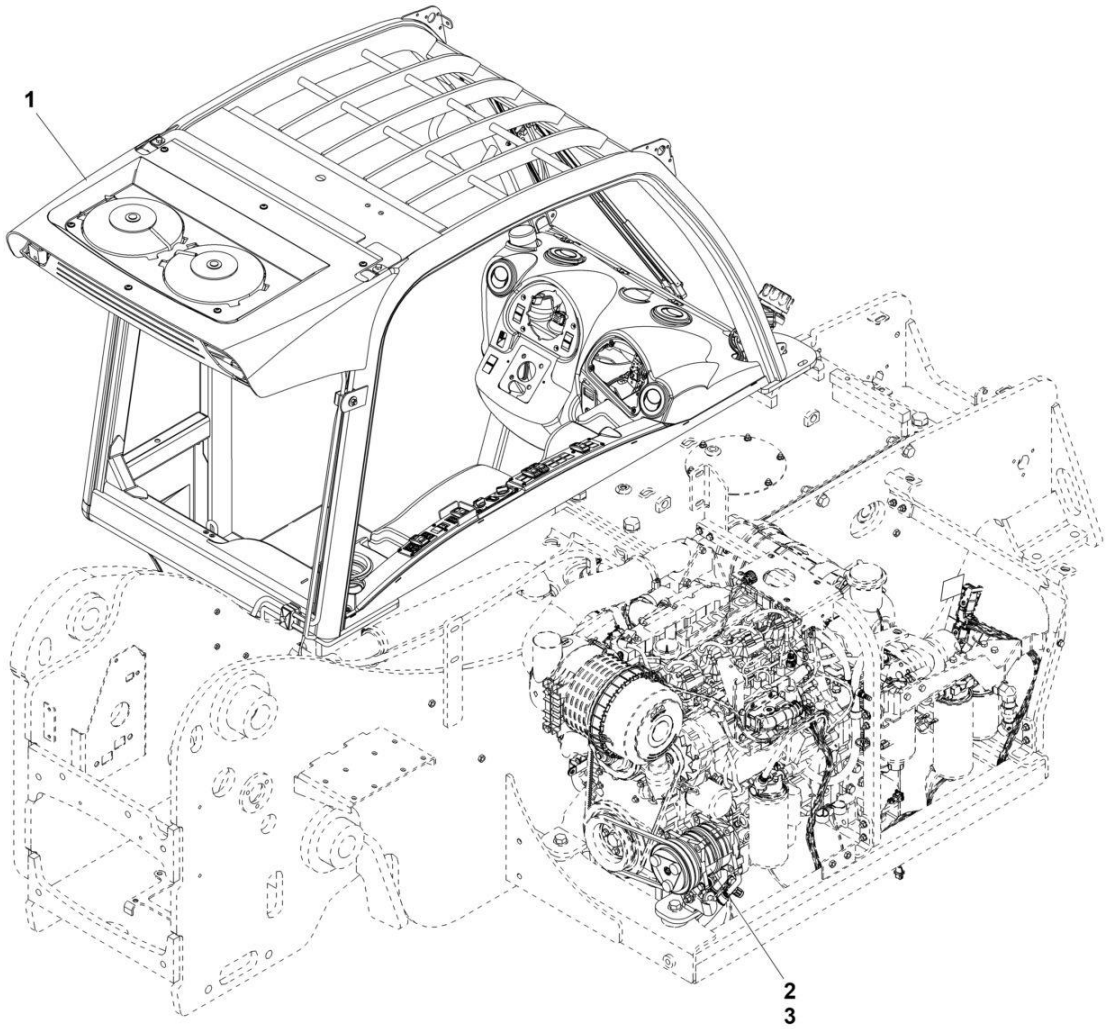


FIGURE 6-38. A/C KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202502	Ref	A/C KIT	B
1	1001193443	1	Installation, Heater and A/C (cab parts) (See Separate Breakdown in this Section)	
2	1001139688	1	Installation, A/C System (See Separate Breakdown in ENGINE AND ATTACHING PARTS Section)	
3	2300037	AR	Fluid, Refrigerant R-134a	

FIGURE 6-39. A/C CONDENSER INSTALLATION

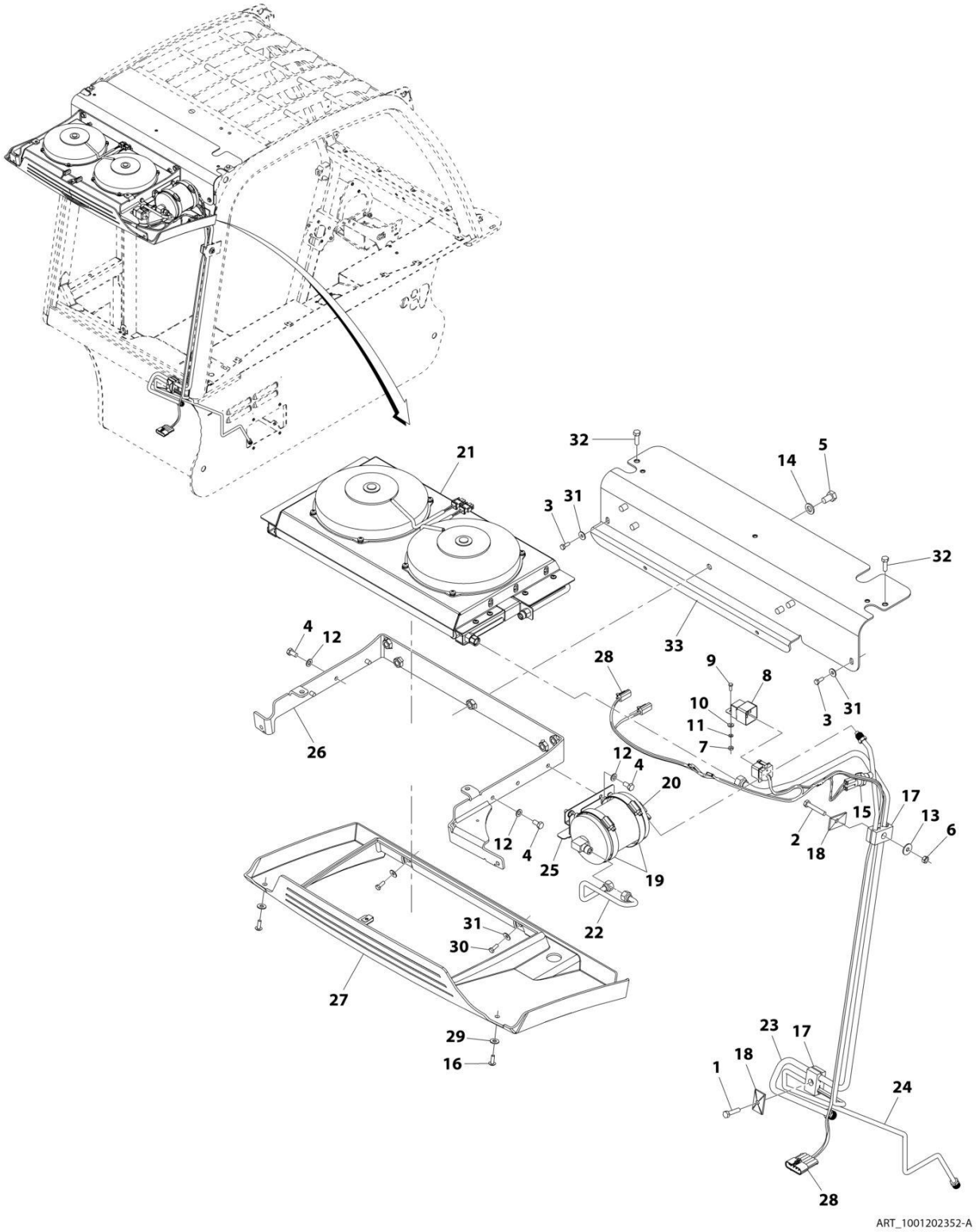
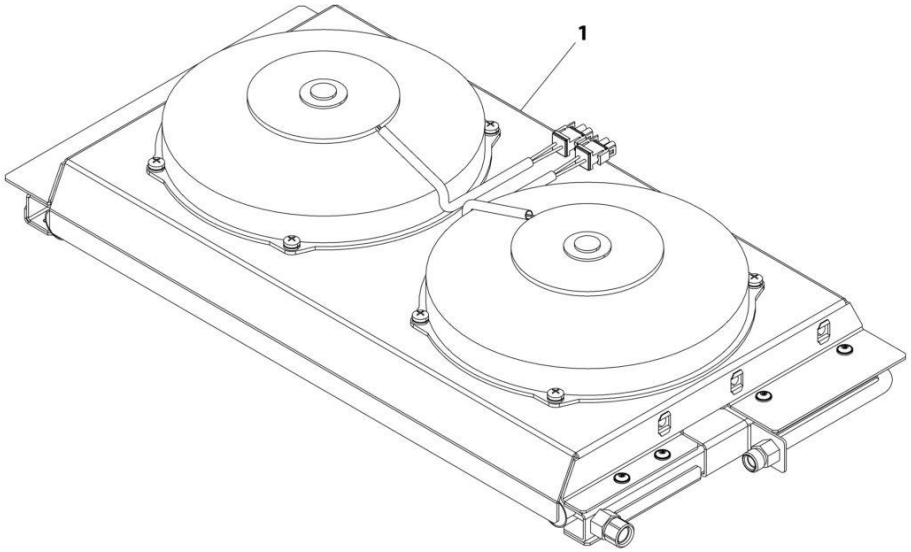


FIGURE 6-39. A/C CONDENSER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202352	Ref	A/C Condenser Installation	A
1	0700815	1	Hex HD Capscrew, M8X35, GR8.8	
2	0700818	1	Hex HD Capscrew, M8X50, GR8.8	
3	0760608	2	Hex HD Capscrew, M6X16, GR8.8	
4	0760808	6	Hex HD Capscrew, M8X16, GR8.8	
5	0761210	5	Hex HD Capscrew, M12x20, GR8.8	
6	3290801	1	Hex Nut, M8X1.25	
7	3311001	1	Hex Nut	
8	3740080	1	Weather Proof Relay	
9	3900306	1	Hex HD Screw	
10	4711000	1	Washer	
11	4771000	1	Star Washer	
12	4811900	6	Washer, M8	
13	4811902	1	Washer, M8	
14	4812100	5	Washer, M12	
15	8223531	1	A/C Pressure Switch	
16	8303034	2	Truss HD Screw, 1/4-20X0.75	
17	8750042	2	Clamp Set	
18	8769123	2	Cover Plate	
19	10719267	2	Clamp	
20	1001126841	1	A/C Receiver Drier	
21	1001138262	1	A/C Condenser (See Separate Breakdown in this Section)	
22	1001138264	1	Condenser Outlet Tube	
23	1001138265	1	Condenser Supply Tube	
24	1001138266	1	Drier Outlet Tube	
25	1001138269	1	Drier Mount Bracket	
26	1001138345	1	Condenser Mount Bracket	
27	1001139803	1	Condenser Bottom Cover	
28	1001142236	1	Harness, Condenser Fan (See Separate Breakdown in Electrical Section)	
29	1001150479	2	Washer	
30	1001150508	2	Bolt, M6x18, GR8.8	
31	1001150509	4	Washer	
32	1001151088	2	Bolt, 5/16-18X1, GR5	
33	1001138263K	1	A/C Mount Bracket	

FIGURE 6-40. CONDENSER



ART_1001138262-B

FIGURE 6-40. CONDENSER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138262	Ref	Condenser	B

FIGURE 6-41. OVERHEAD CONSOLE INSTALLATION

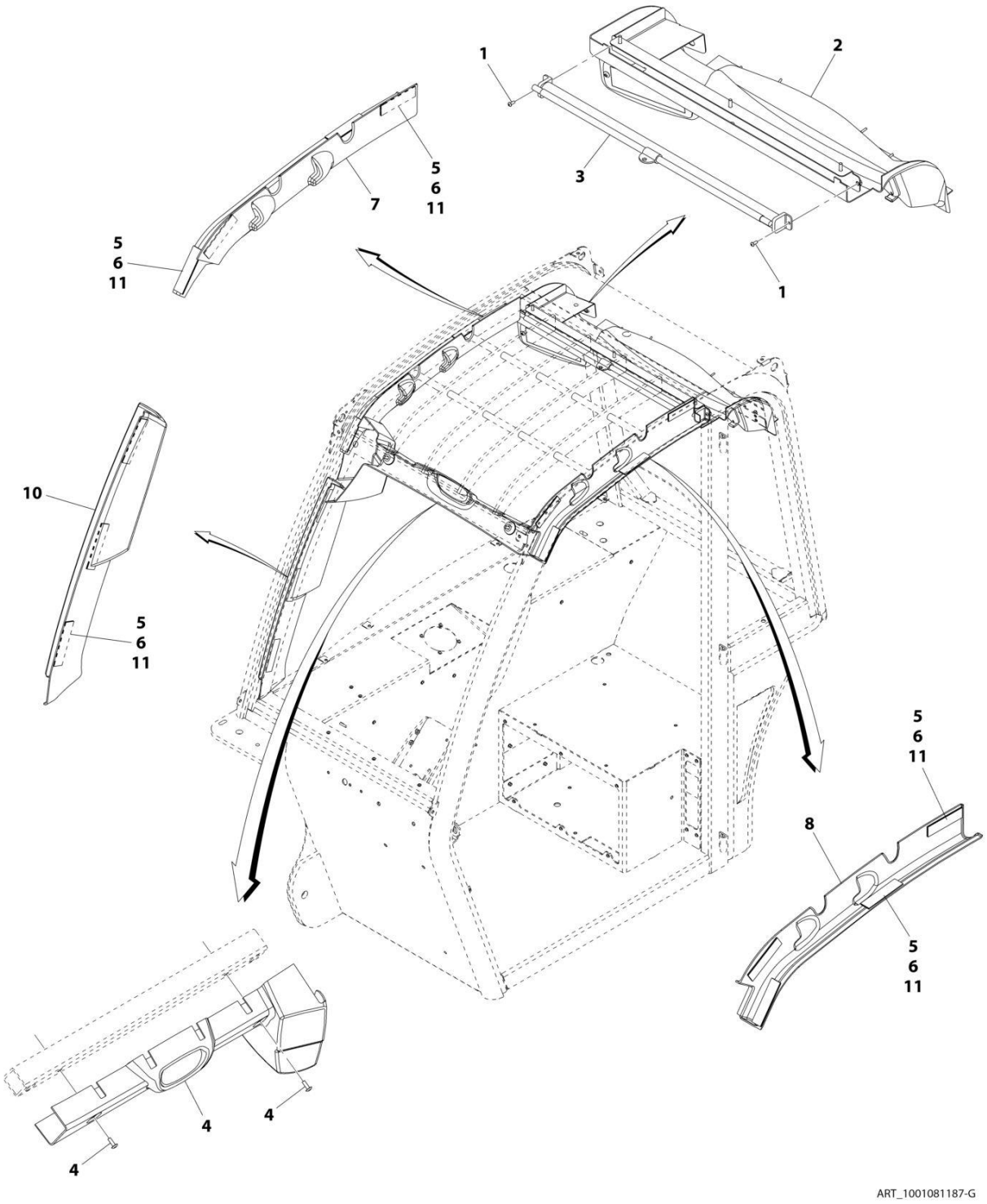


FIGURE 6-41. OVERHEAD CONSOLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001081187	Ref	Overhead Console Installation	G
1	0630464	2	Button HD Screw, #10 x 1/2	
2	1001080945	1	Installation, Overhead Console (Open) (See Separate Breakdown in this Section)	
3	1001080952	1	Visor	
4	1001080957	1	Installation, Front FOPS (See Separate Breakdown in this Section)	
5	1001081161	11	Hook 1in Wide Tape	
6	1001081163	11	Loop 1in Wide Tape	
7	1001153634	1	In-Board ROPS Bar Cover	
8	1001153635	1	Out-Board ROPS Bar Cover	
10	1001153631	1	A-Pillar Cover	
11	1001112058	AR	Adhesive Strip	

FIGURE 6-42. OVERHEAD CONSOLE INSTALLATION (OPEN)

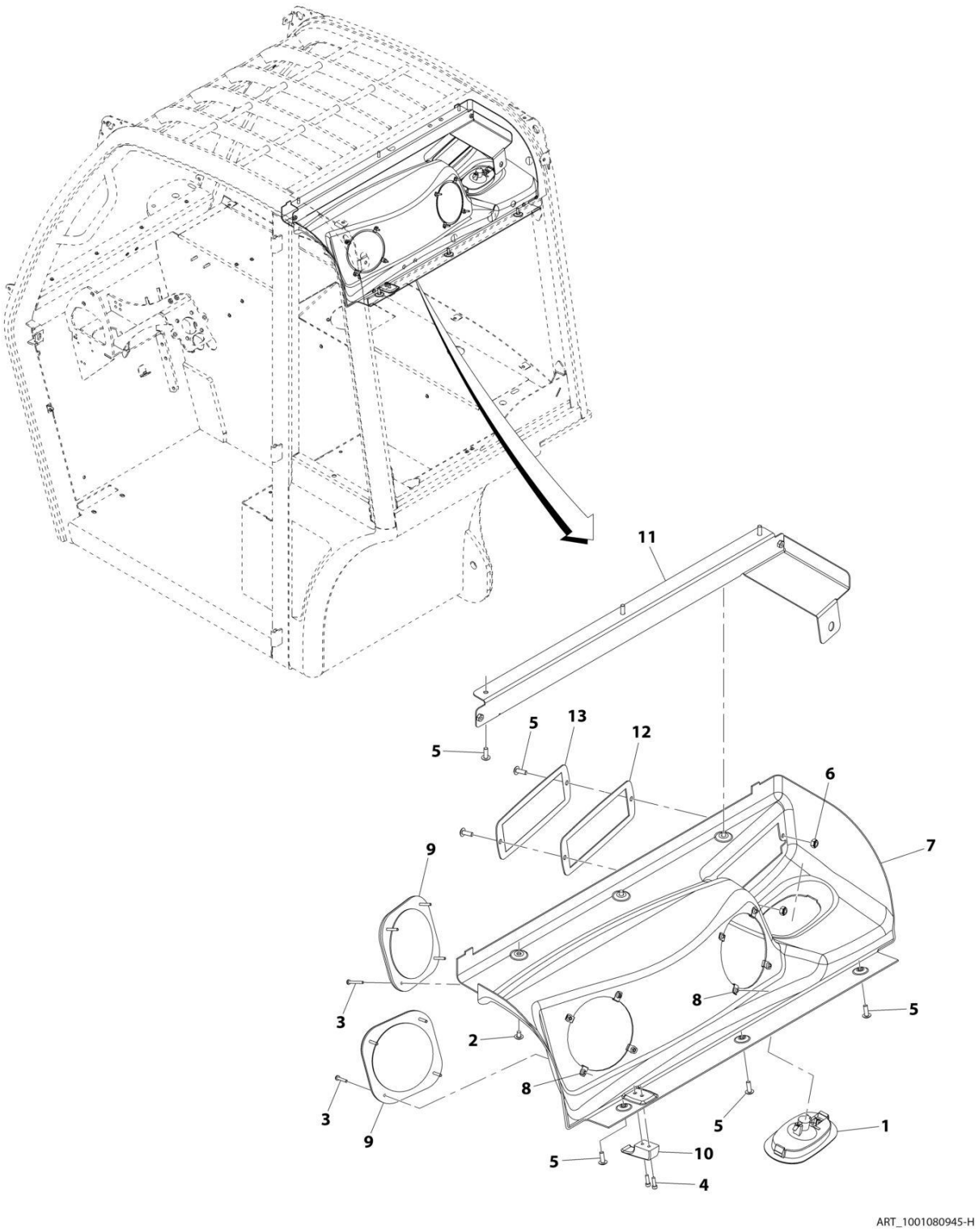


FIGURE 6-42. OVERHEAD CONSOLE INSTALLATION (OPEN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080945	Ref	Overhead Console Installation (Open)	H
1	2920209	1	Dome Light Lamp	
1	70020795	1	Light Bulb	
2	1001108078	3	Truss HD Screw, 1/4-20X3/8	
3	1001108152	8	Screw, M4X30	
4	1001108155	2	Socket HD Capscrew, 10-24X5/8	
5	8303034	8	Truss HD Screw, 1/4-20X3/4	
6	88521304	2	Hex Locknut, 1/4-20	
7	1001080866	1	Overhead Console Cover	
8	1001080947	8	Nut, M4	
9	1001080951	2	Speaker Cover	
10	1001080953	1	Hook	
11	1001080954	1	Visor Mount Bracket	
12	1001080955	1	Radio Mount Plate	
13	1001080960	1	Radio Mount Outer Plate	

FIGURE 6-43. FRONT FOPS INSTALLATION

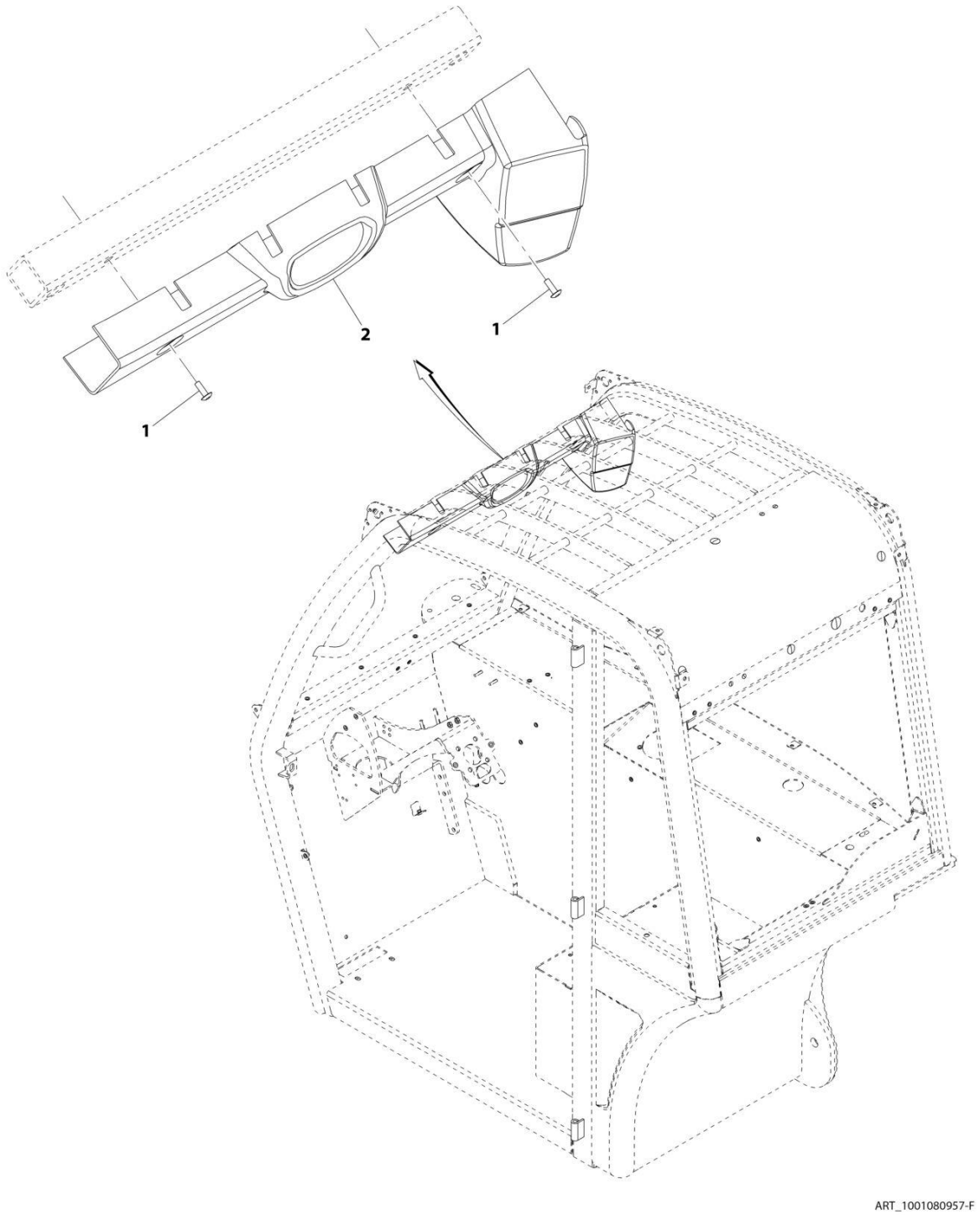


FIGURE 6-43. FRONT FOPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080957	Ref	Front FOPS Installation	F
1	8303034	2	Truss HD Screw, 1/4-20X3/4	
2	1001153630	1	Front FOPS Bar Cover	

FIGURE 6-44. OVERHEAD CONSOLE INSTALLATION (LSI)

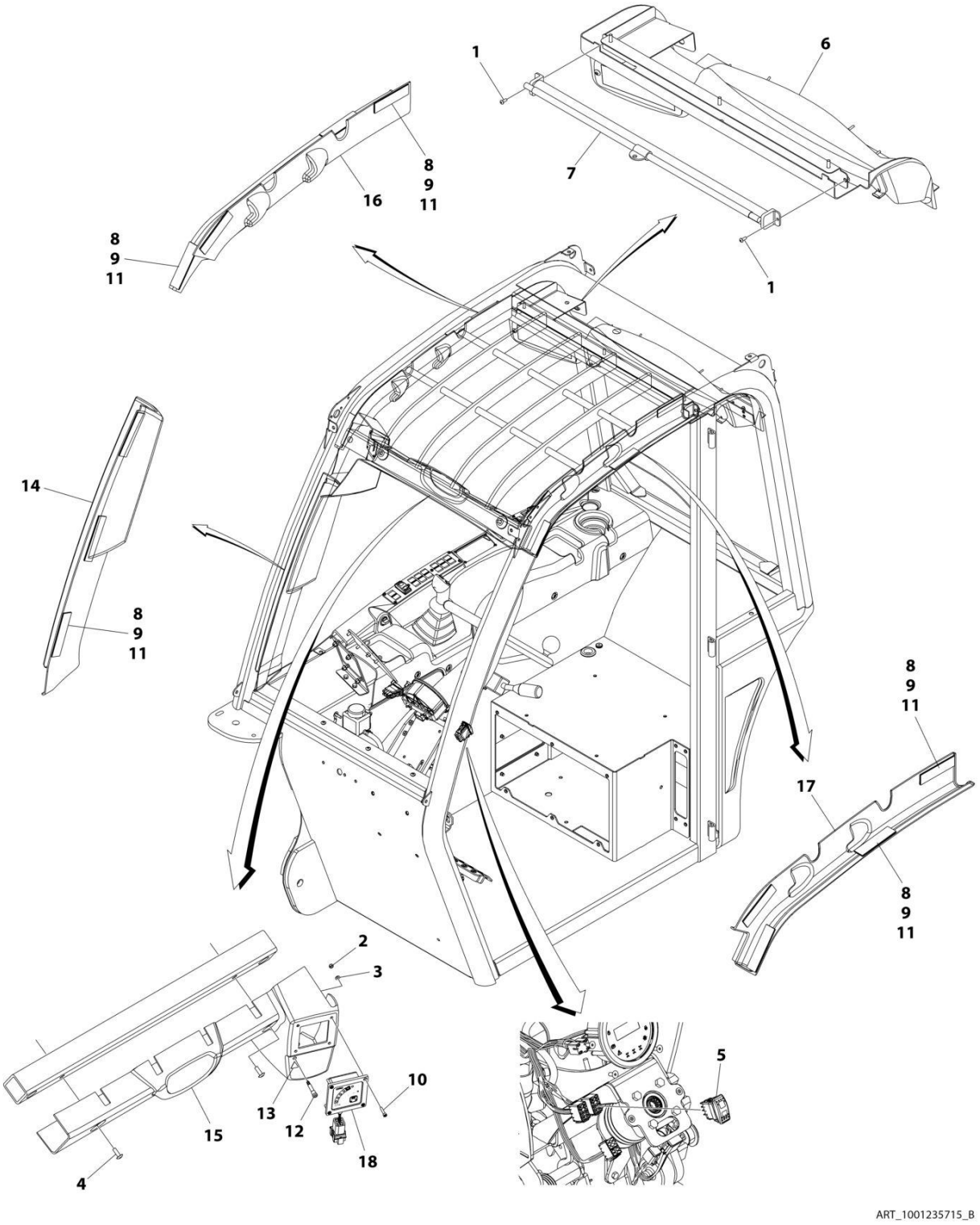


FIGURE 6-44. OVERHEAD CONSOLE INSTALLATION (LSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235715	Ref	Overhead Console Installation (LSI)	B
1	0630464	2	Button HD Screw, #10 x 1/2	
2	3290405	4	Hex Locknut, M4	
3	4811400	4	Washer, M4	
4	8303034	2	Screw, 1/4 x 3/4	
5	1001080373	1	LMI Override Switch	
6	1001080945	1	Installation, Overhead Console (See Separate Breakdown in this Section)	
7	1001080952	1	Visor	
8	1001081161	11	Hook 1in Wide Tape	
9	1001081163	11	Loop 1in Wide Tape	
10	1001110269	4	Screw, M4X20	
11	1001112058	AR	Adhesive Strip	
12	1001127397	1	LSI Light	
13	1001127546	1	LSI Decal	
14	1001153631	1	A-Pillar Cover	
15	1001153633	1	Front ROPS Bar Cover	
16	1001153634	1	In-Board ROPS Bar Cover	
17	1001153635	1	Out-Board ROPS Bar Cover	
18	1001272193	1	LSI Display	

FIGURE 6-45. CAB FENDER INSTALLATION

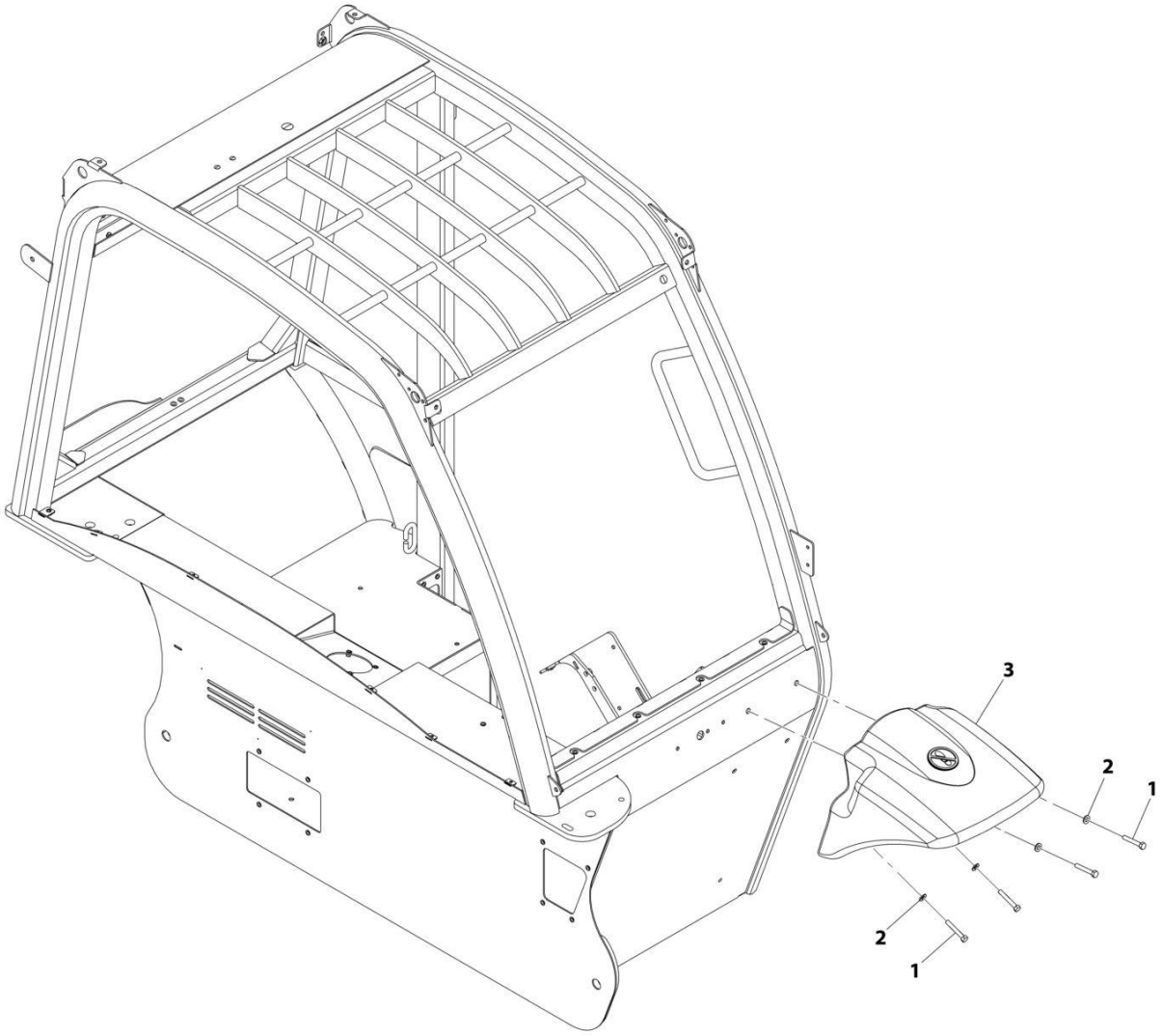


FIGURE 6-45. CAB FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001097640	Ref	Cab Fender Installation	C
1	0641516	4	Hex HD Capscrew, 5/16-18X2	
2	4711500	4	Washer, 5/16	
3	1001080891	1	Front Fender	

FIGURE 6-46. CAB GUARD INSTALLATION (TOP)

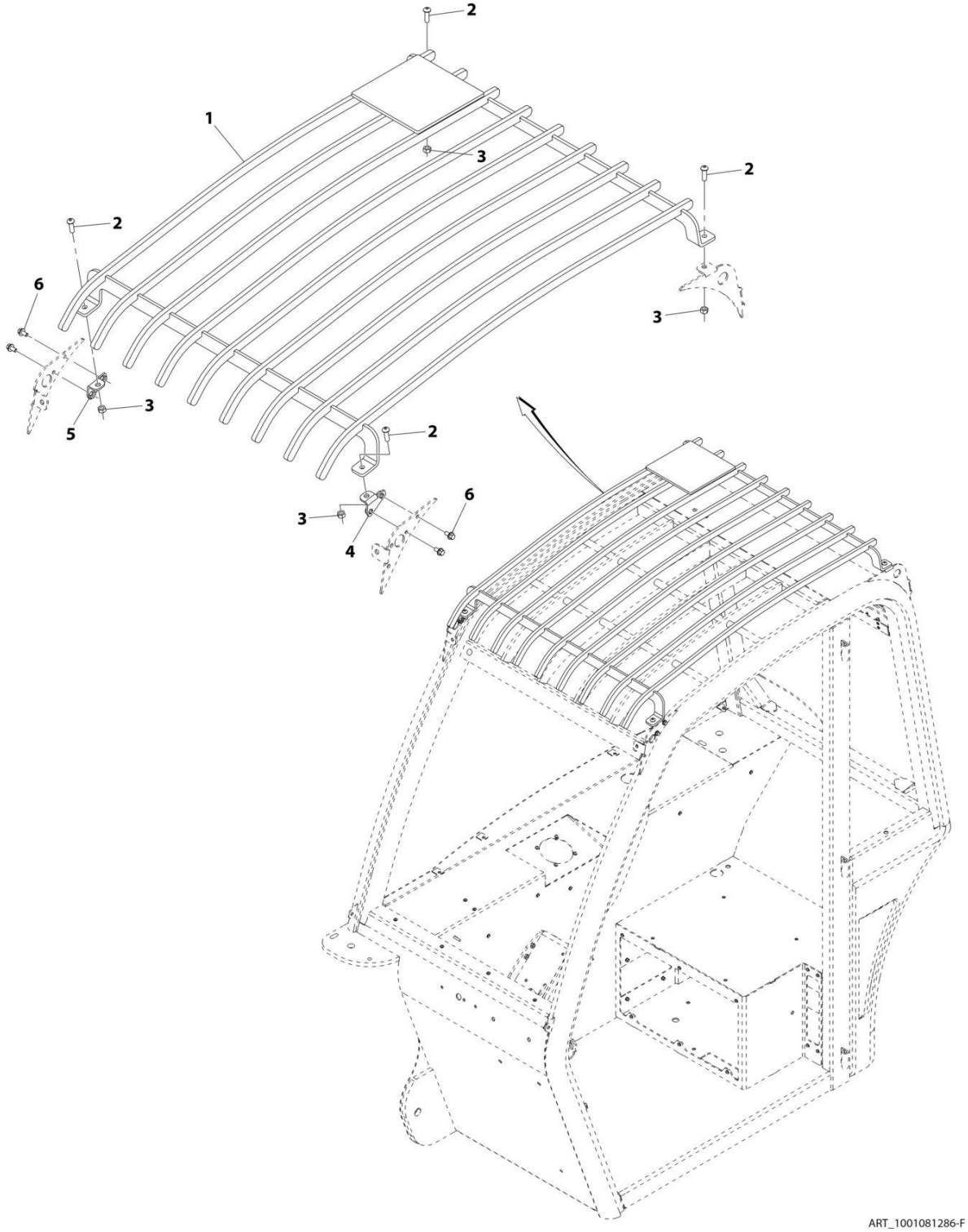


FIGURE 6-46. CAB GUARD INSTALLATION (TOP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001081286	Ref	Cab Guard Installation (Top)	F
1	1001189739	1	Upper Brick Guard	
2	0630468	4	Button HD Capscrew, 5/16-18X1	
3	1001108115	4	Hex Locknut, 5/16, GR8	
4	1001081296	1	Left Brick Guard Weldment	
5	1001081298	1	Right Brick Guard Weldment	
6	1001108242	4	Screw, 1/4-20X1/2, GR5	

FIGURE 6-47. CAB GUARD INSTALLATION (FRONT)

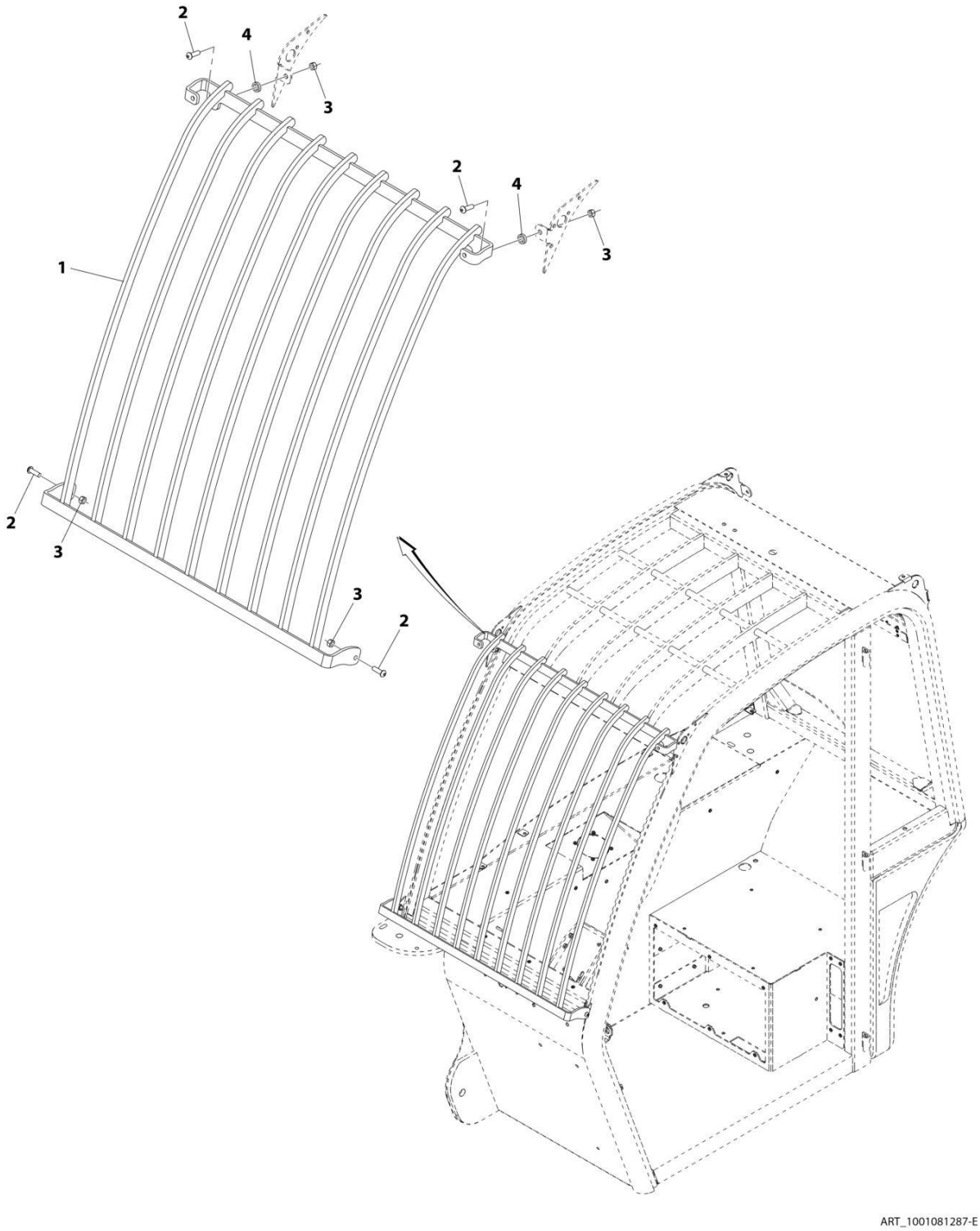


FIGURE 6-47. CAB GUARD INSTALLATION (FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001081287	Ref	Cab Guard Installation (Front)	E
1	1001189753	1	Lower Brick Guard Shield	
2	0630468	4	Button HD Capscrew, 5/16-18X1	
3	1001108115	4	Hex Locknut, 5/16, GR8	
4	1001138703	2	Brick Guard Spacer	

FIGURE 6-48. REAR WINDOW ENTRY KIT INSTALLATION (ANSI)

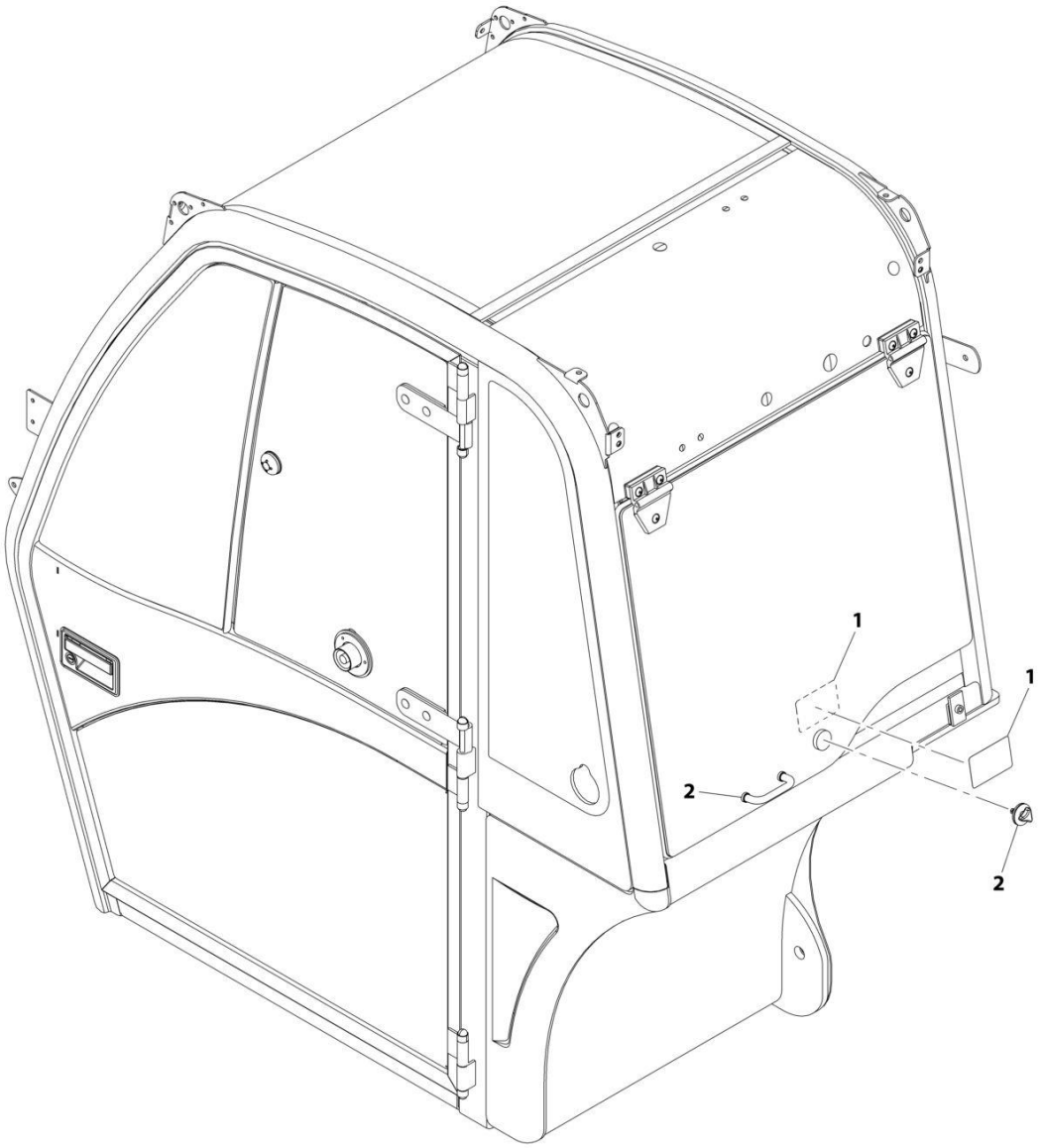


FIGURE 6-48. REAR WINDOW ENTRY KIT INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162813	Ref	Rear Window Entry Kit Installation (ANSI)	A
1	1001162814	2	Rear Window Exit Decal	
2	1001177469	1	Emergency Entry/Exit Window (See Separate Breakdown in this Section)	

FIGURE 6-49. REAR WINDOW ENTRY KIT INSTALLATION (ENGLISH/FRENCH)

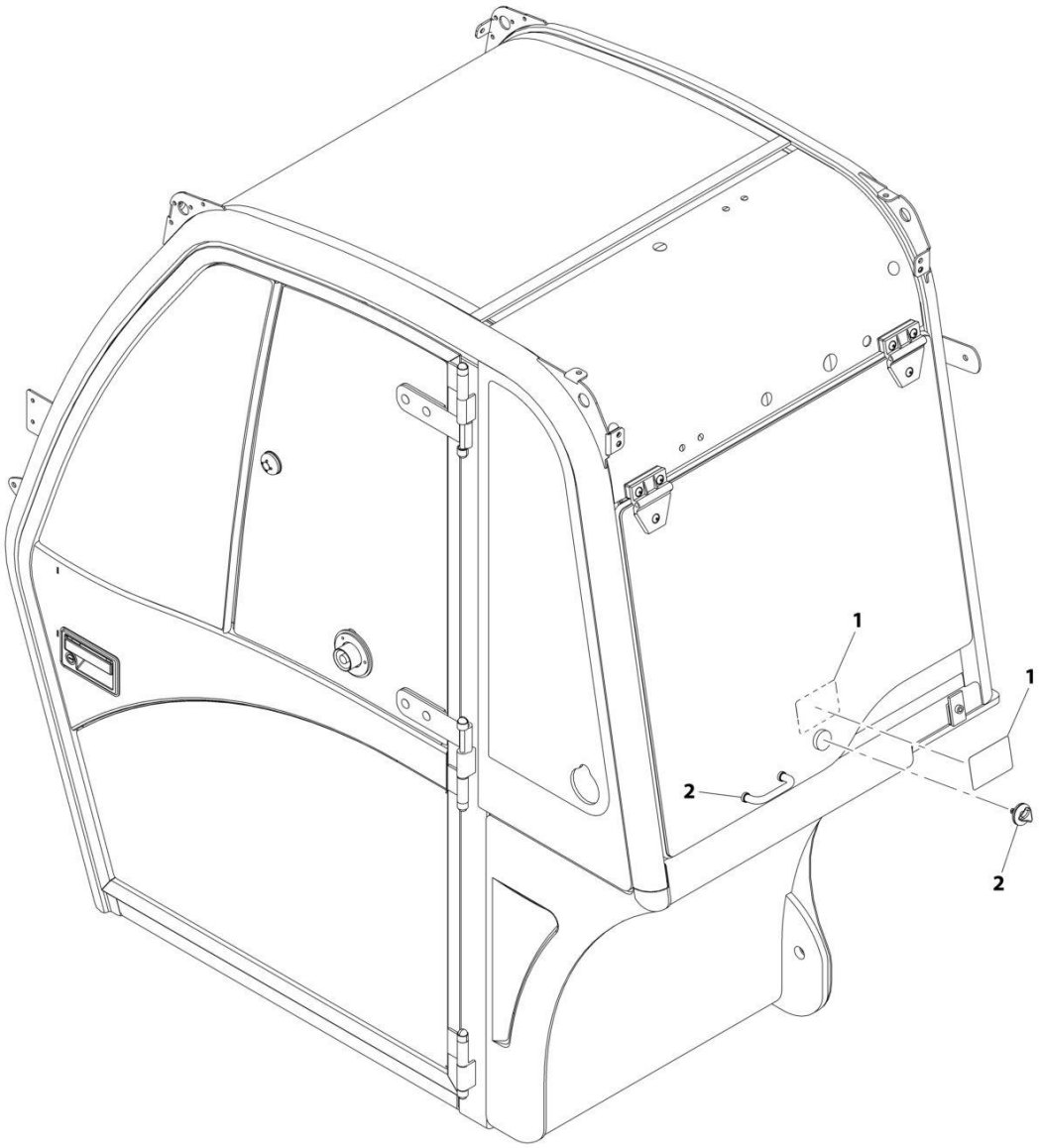


FIGURE 6-49. REAR WINDOW ENTRY KIT INSTALLATION (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177470	Ref	Rear Window Entry Kit Installation (English/French)	A
1	1001162815	2	Rear Window Exit Decal	
2	1001177469	1	Emergency Entry/Exit Window (See Separate Breakdown in This Section)	

FIGURE 6-50. REAR WINDOW ENTRY KIT INSTALLATION (ISO)

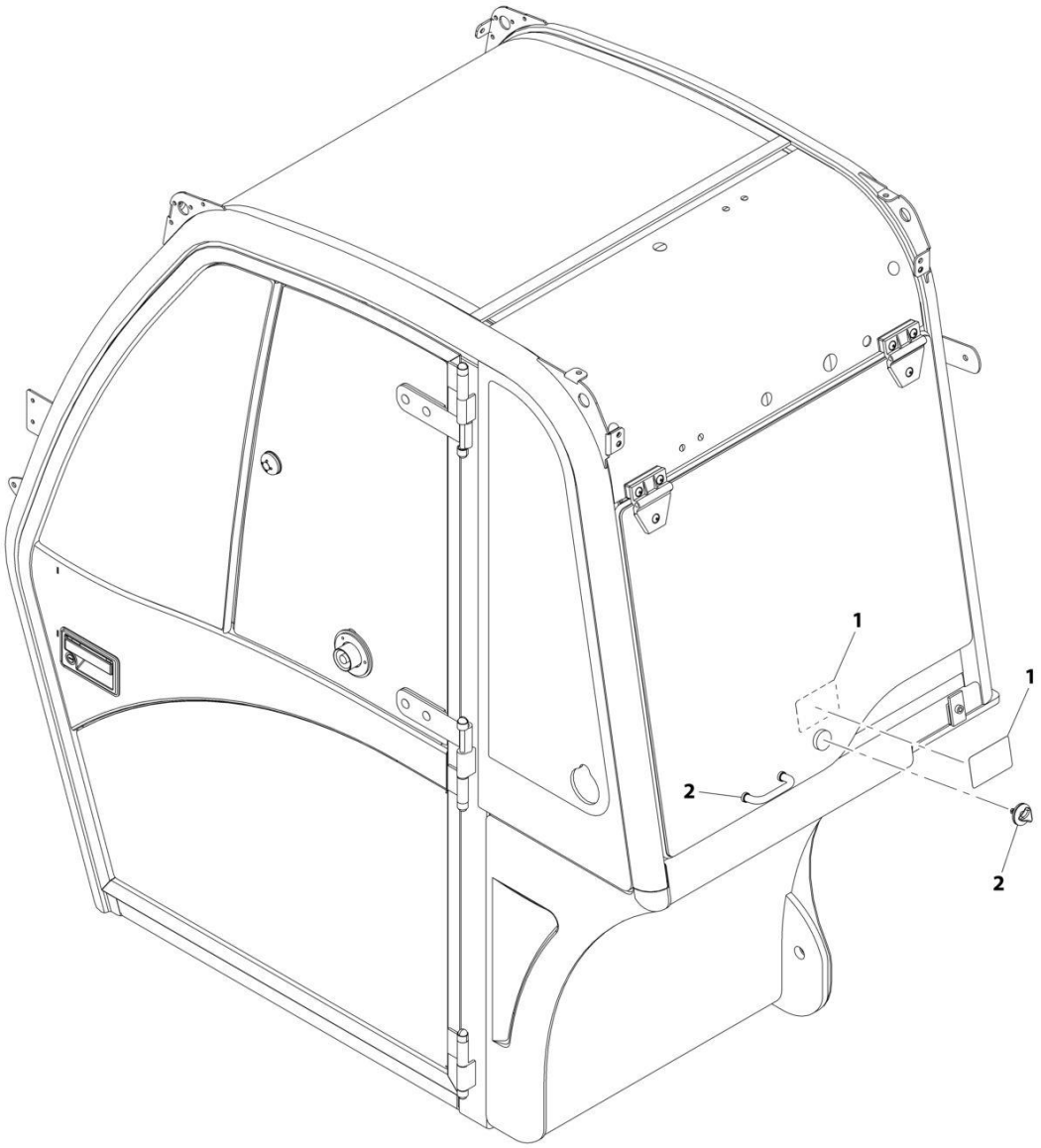


FIGURE 6-50. REAR WINDOW ENTRY KIT INSTALLATION (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177471	Ref	Rear Window Entry Kit Installation (ISO)	A
1	1001162816	2	Rear Window Exit Decal	
2	1001177469	1	Emergency Entry/Exit Window (See Separate Breakdown in This Section)	

FIGURE 6-51. FIRE EXTINQUISHER INSTALLATION

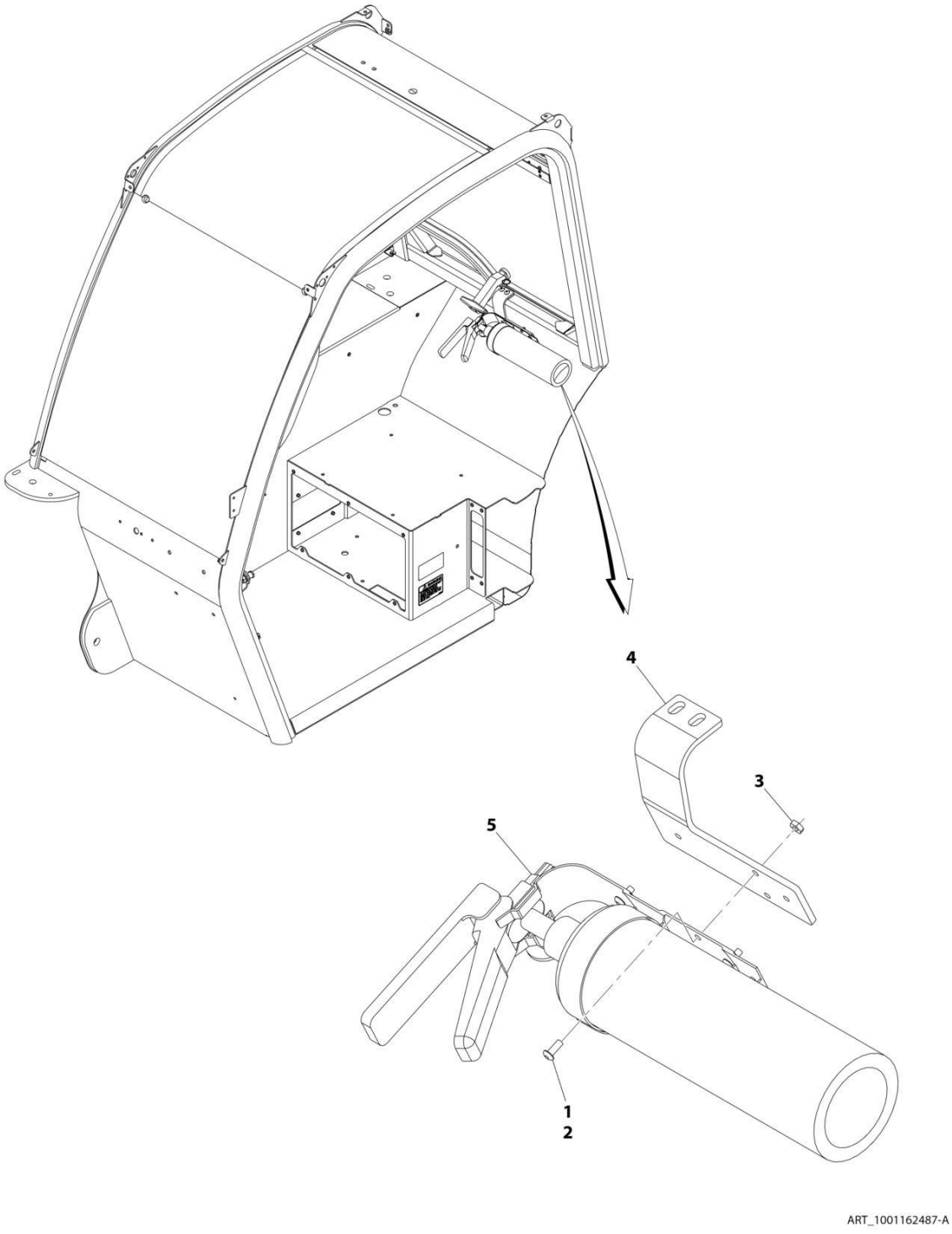


FIGURE 6-51. FIRE EXTINQUISHER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162487	Ref	Fire Extinquisher Installation	A
1	0100011	AR	Compound, Locking	
2	0630464	4	Screw 10 x 1/2	
3	3311005	4	Nut 10	
4	1001162486	1	Bracket	
5	1001099699	1	Fire Extinguisher	

FIGURE 6-52. WASHER FLUID TANK ASSEMBLY

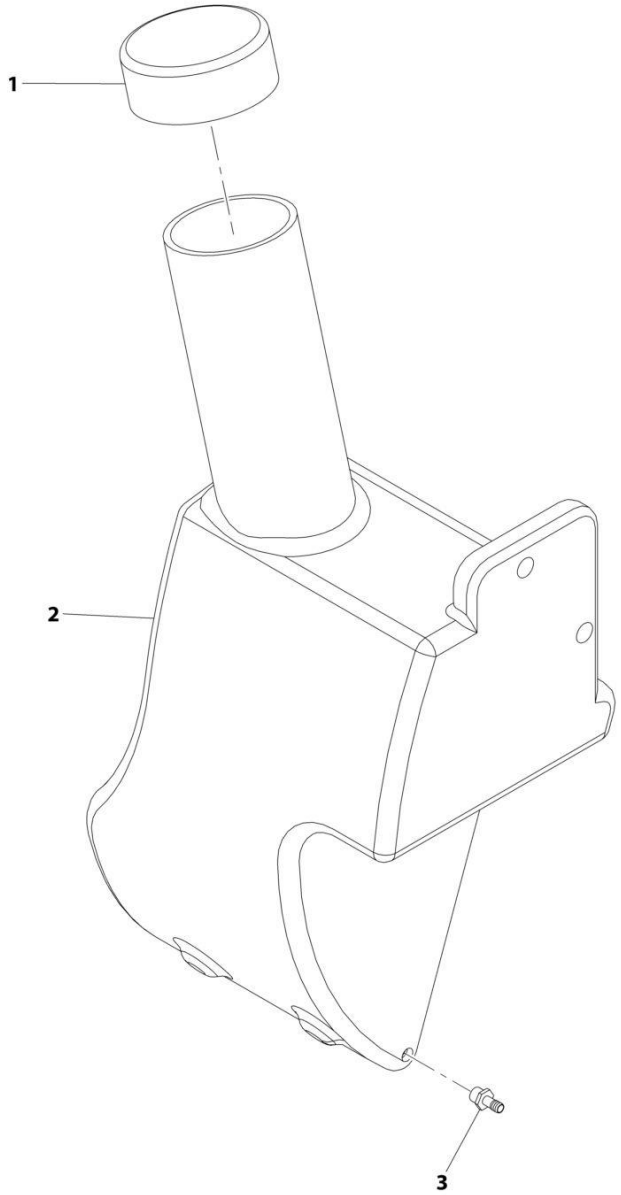


FIGURE 6-52. WASHER FLUID TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080824	Ref	Washer Fluid Tank Assembly	C
1	1001080872	1	Cap	
2	1001097319	1	Washer Fluid Tank	
3	1001081234	1	Fitting	

FIGURE 6-53. EMERGENCY ENTRY/EXIT WINDOW

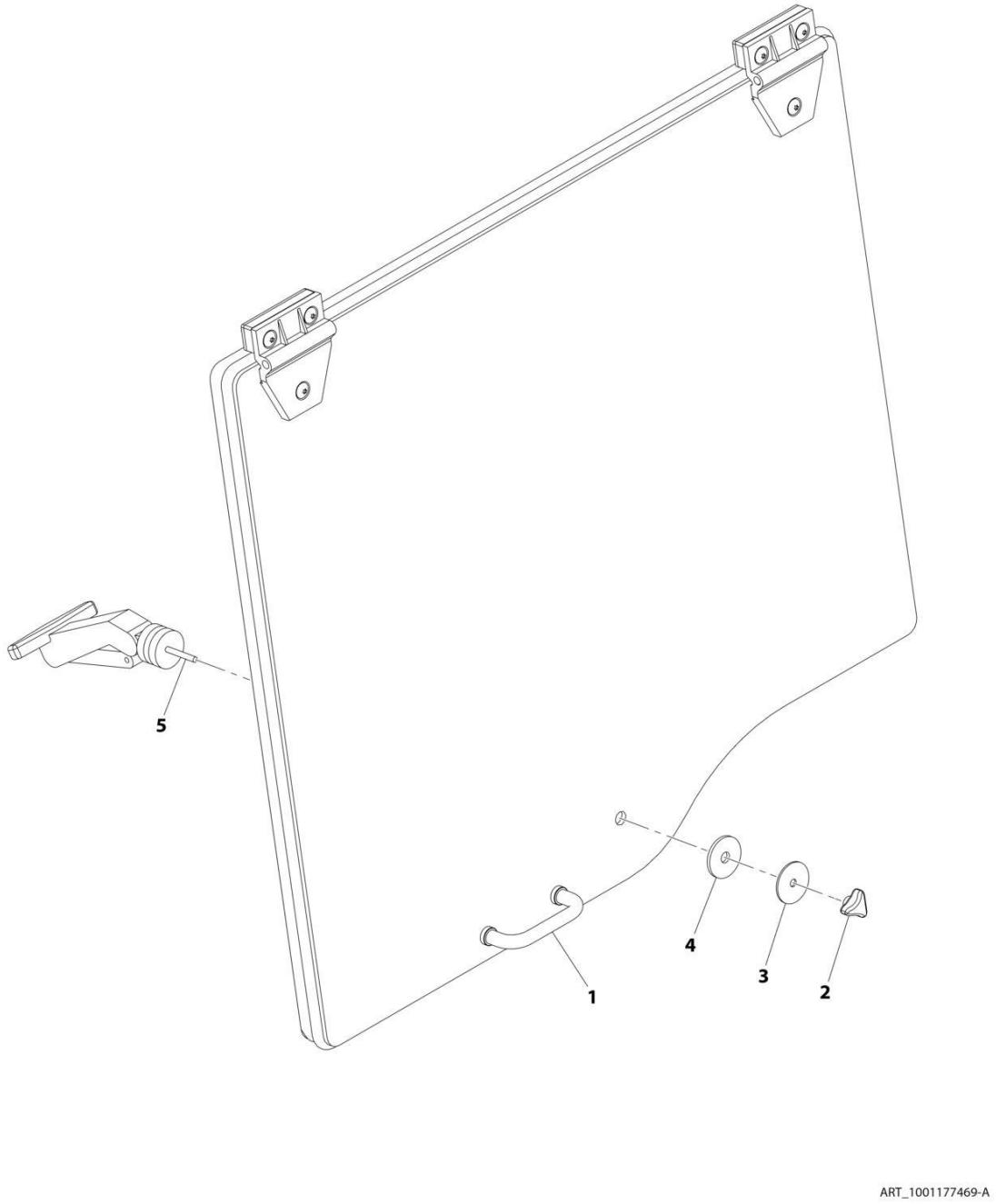


FIGURE 6-53. EMERGENCY ENTRY/EXIT WINDOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177469	Ref	Emergency Entry/Exit Window	A
1	1001162829	1	Rear Window Entry Handle	
2	1001162830	1	Rear Window Entry Knob	
3	1001177636	1	Flat Washer	
4	1001177640	1	Washer, M10	
5	1001178811	1	Bolt	

SECTION 7 - CONTROLS

FIGURE 7-1. ACCELERATOR PEDAL ASSEMBLY

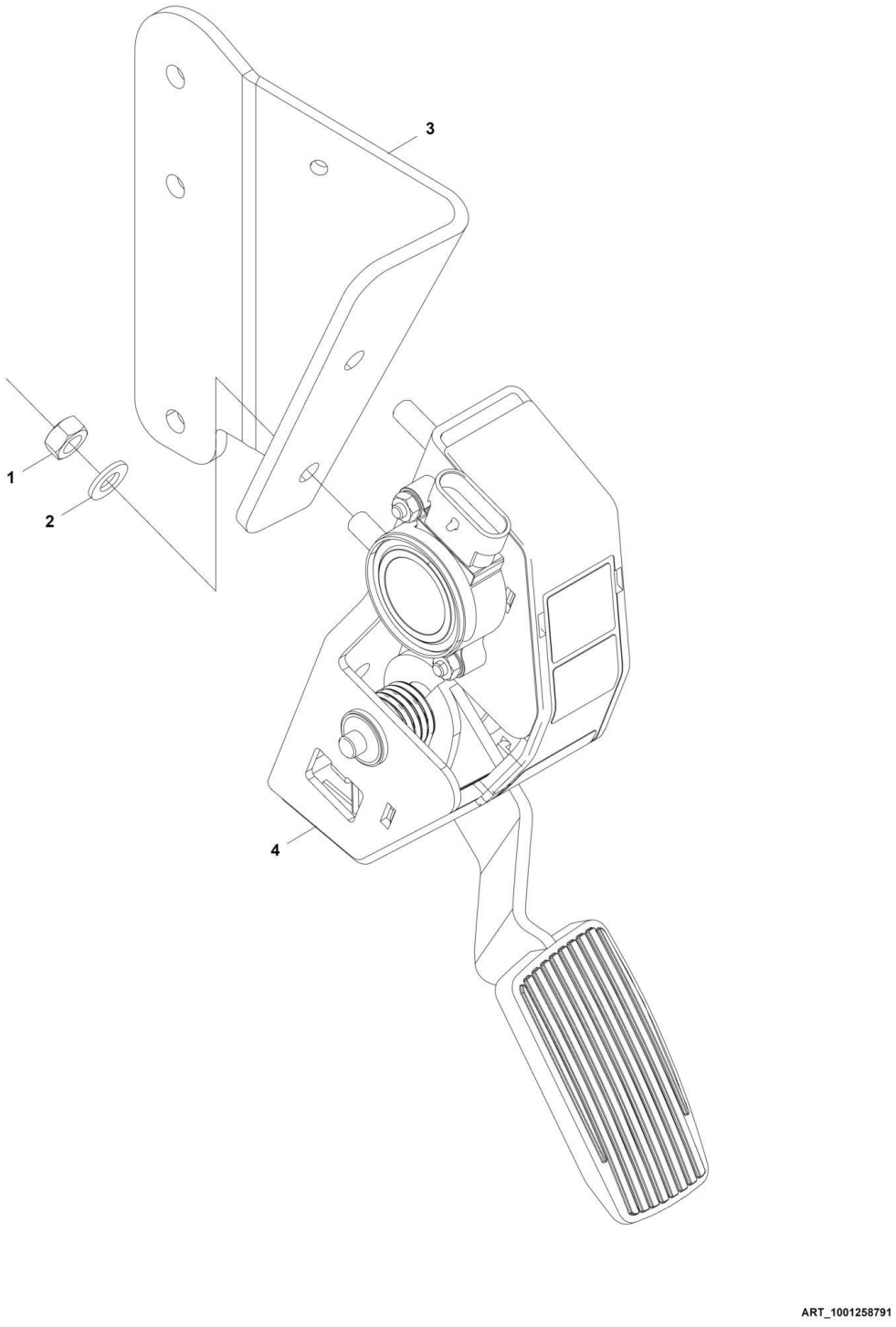
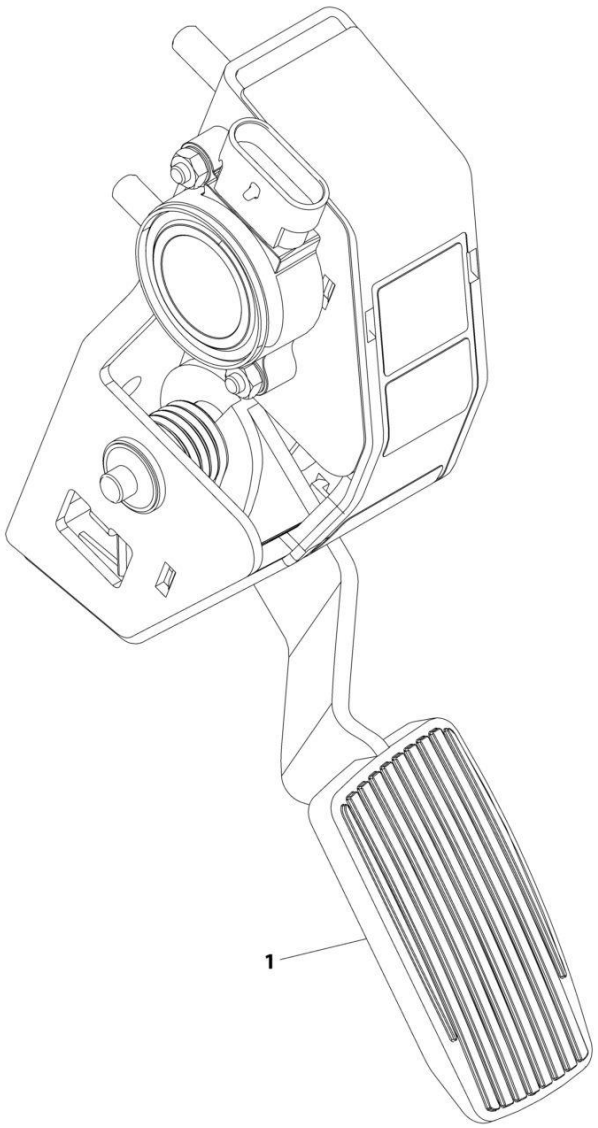


FIGURE 7-1. ACCELERATOR PEDAL ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258791	Reff	Accelerator Pedal Assembly	A
1	3290801	2	Nut, M8X1.25	
2	4811900	2	Washer, 8mm	
3	1001257106	1	Bracket	
4	1001258560	1	Accelerator Pedal (See Separate Breakdown this Section)	

FIGURE 7-2. ACCELERATOR PEDAL



ART_1001258560

FIGURE 7-2. ACCELERATOR PEDAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258560	Ref	ACCELERATOR PEDAL	A
1	70025816	1	Pad, Rubber	

FIGURE 7-3. BRAKE PEDAL INSTALLATION

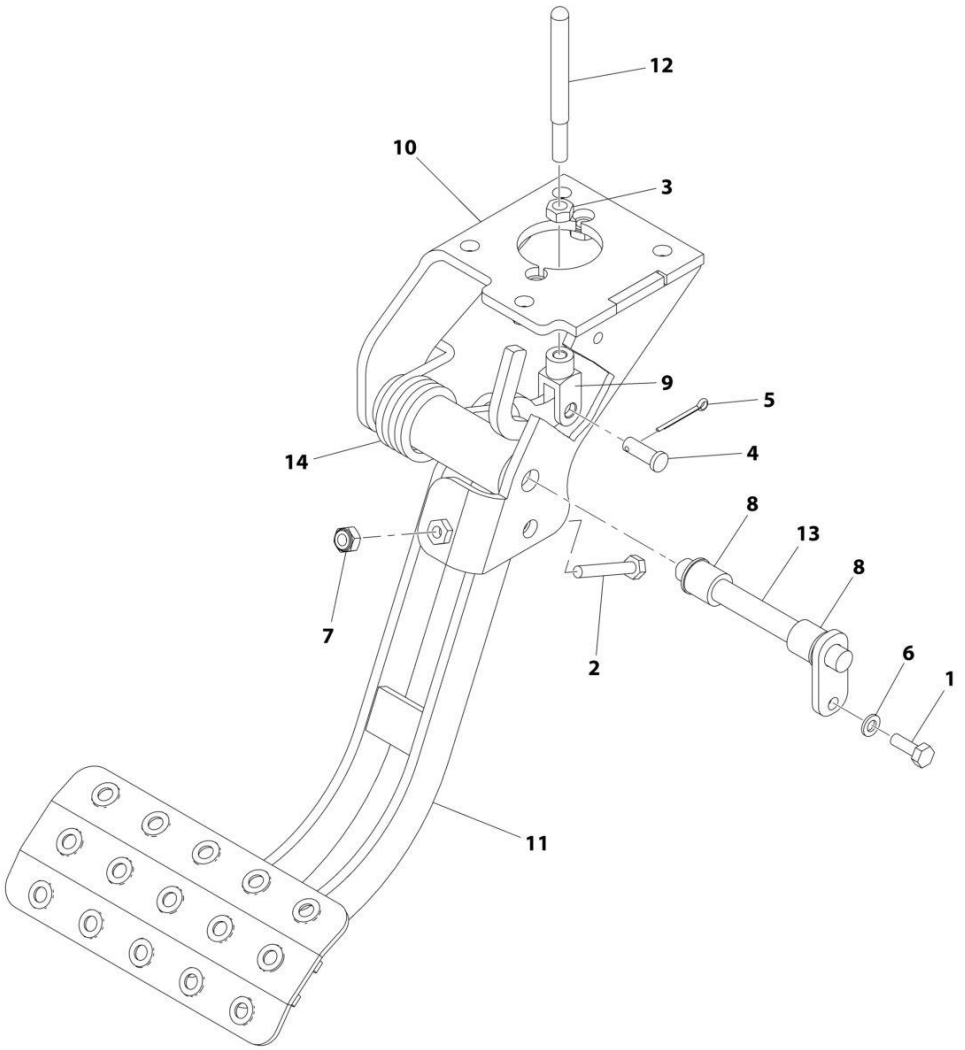


FIGURE 7-3. BRAKE PEDAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189734	Ref	Brake Pedal Installation	C
1	0641406	1	Hex HD Capscrew, 1/4-20X3/4, GR5	
2	0681414	1	Hex HD Cap Screw, 1/4-20X1 3/4, GR8	
3	3290801	1	Nut, M8X1.25	
4	3430507	1	Clevis Pin	
5	3450304	1	Cotter Pin	
6	4761400	1	Lockwasher, 1/4	
7	88521304	1	Hex Locknut, 1/4-20	
8	1001189738	2	Bearing	
9	1001189743	1	Universal Clevis Yoke	
10	1001189745	1	Brake Support Mount	
11	1001189803	1	Brake Weldment Lever	
12	1001189839	1	Brake Push Rod	
13	1001189850	1	Brake Shaft Pin	
14	1001189733	1	Brake Spring	

FIGURE 7-4. MASTER CYLINDER VALVE ASSEMBLY

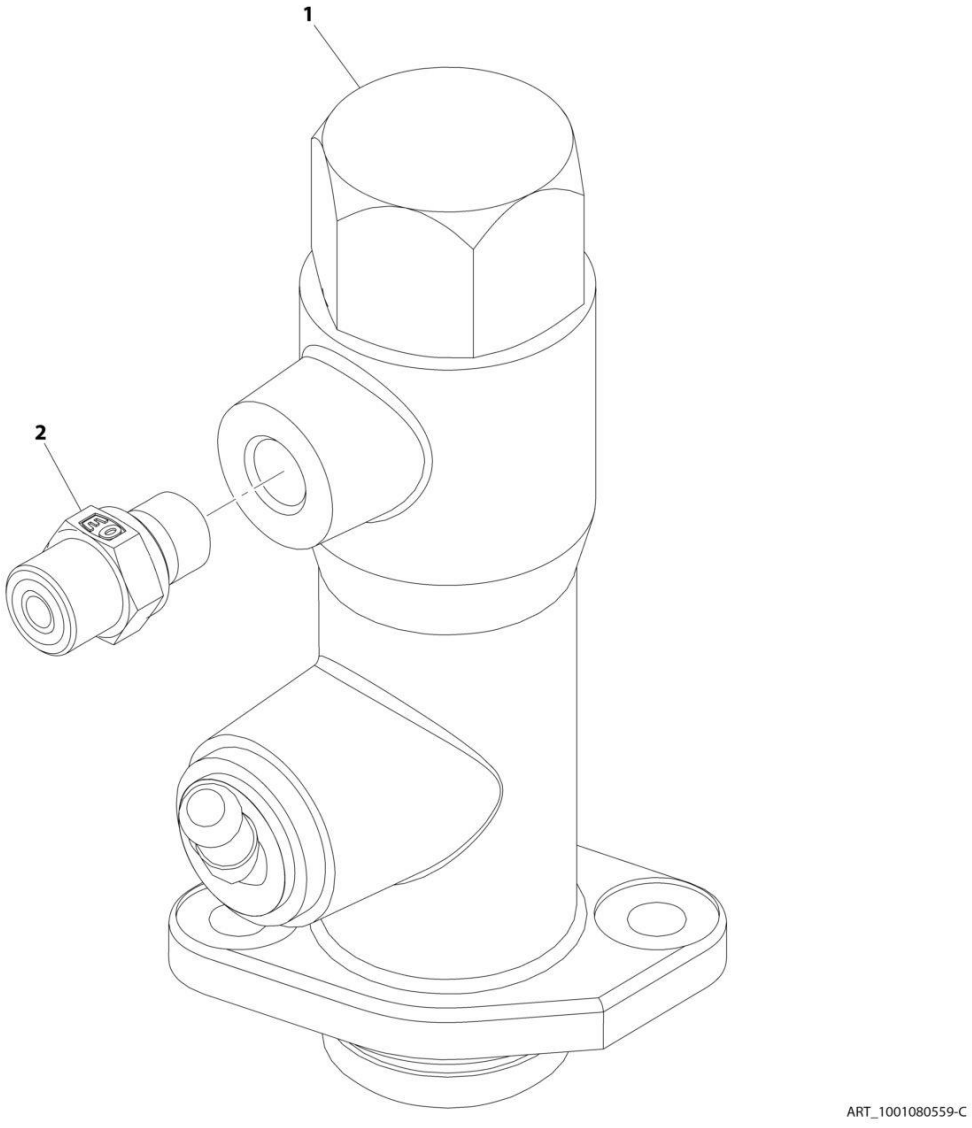


FIGURE 7-4. MASTER CYLINDER VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080559	Ref	Master Cylinder Valve Assembly	C
1	1001080262	1	Brake Master Cylinder Valve, (See Separate Breakdown in Hydraulic Components Section)	
2	2145004	1	Straight Fitting	

FIGURE 7-5. PARK BRAKE VALVE INSTALLATION

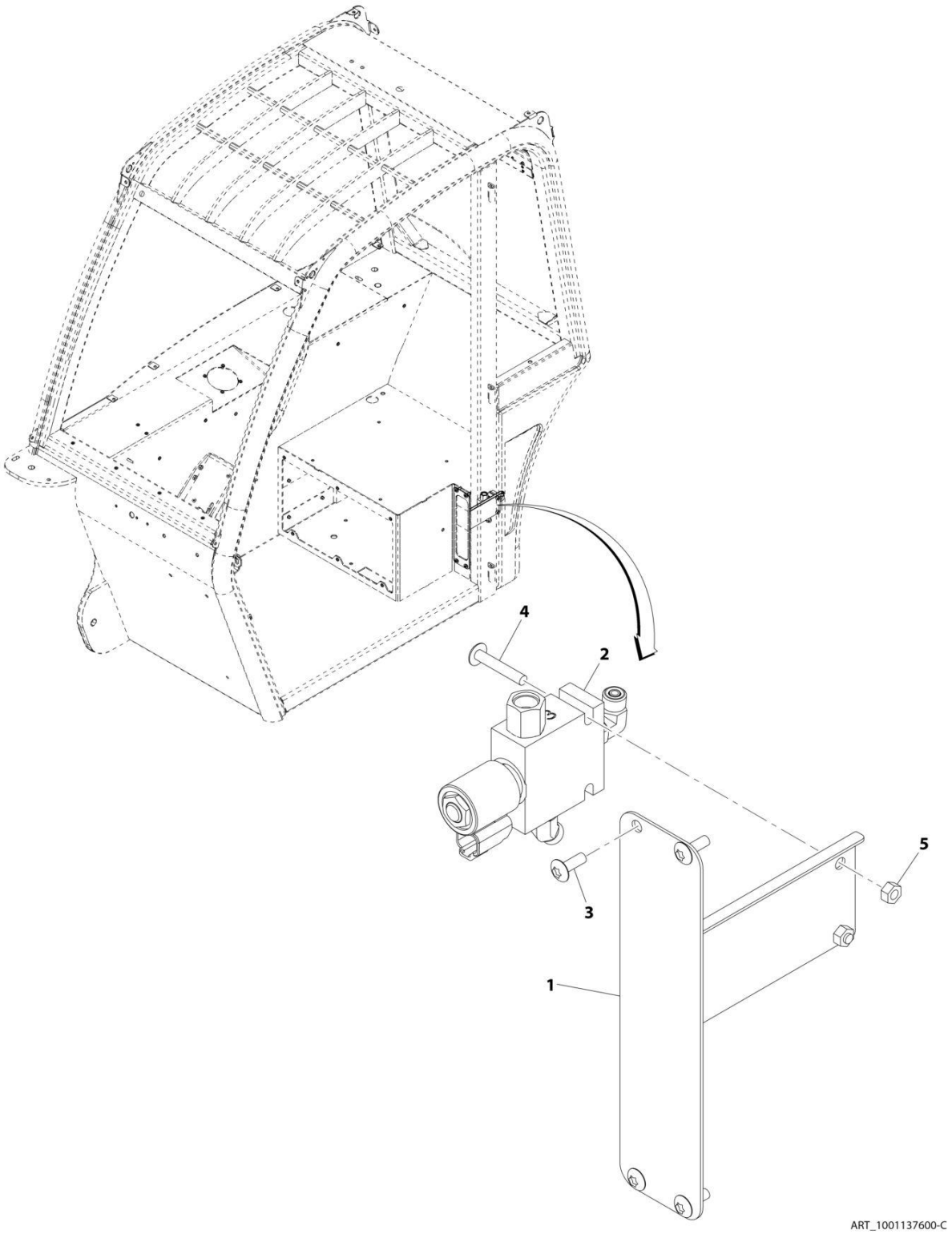


FIGURE 7-5. PARK BRAKE VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137600	Ref	Park Brake Valve Installation	D
1	1001188496	1	Bracket	
2	1001080567	1	Assembly, Park Brake Valve (See Separate Breakdown in Hydraulic Circuits Section)	
3	8303034	4	Screw	
4	101977201	2	Screw	
5	3311405	2	Nut, Lock 1/4-20	

FIGURE 7-6. PARK BRAKE VALVE INSTALLATION (EURO)

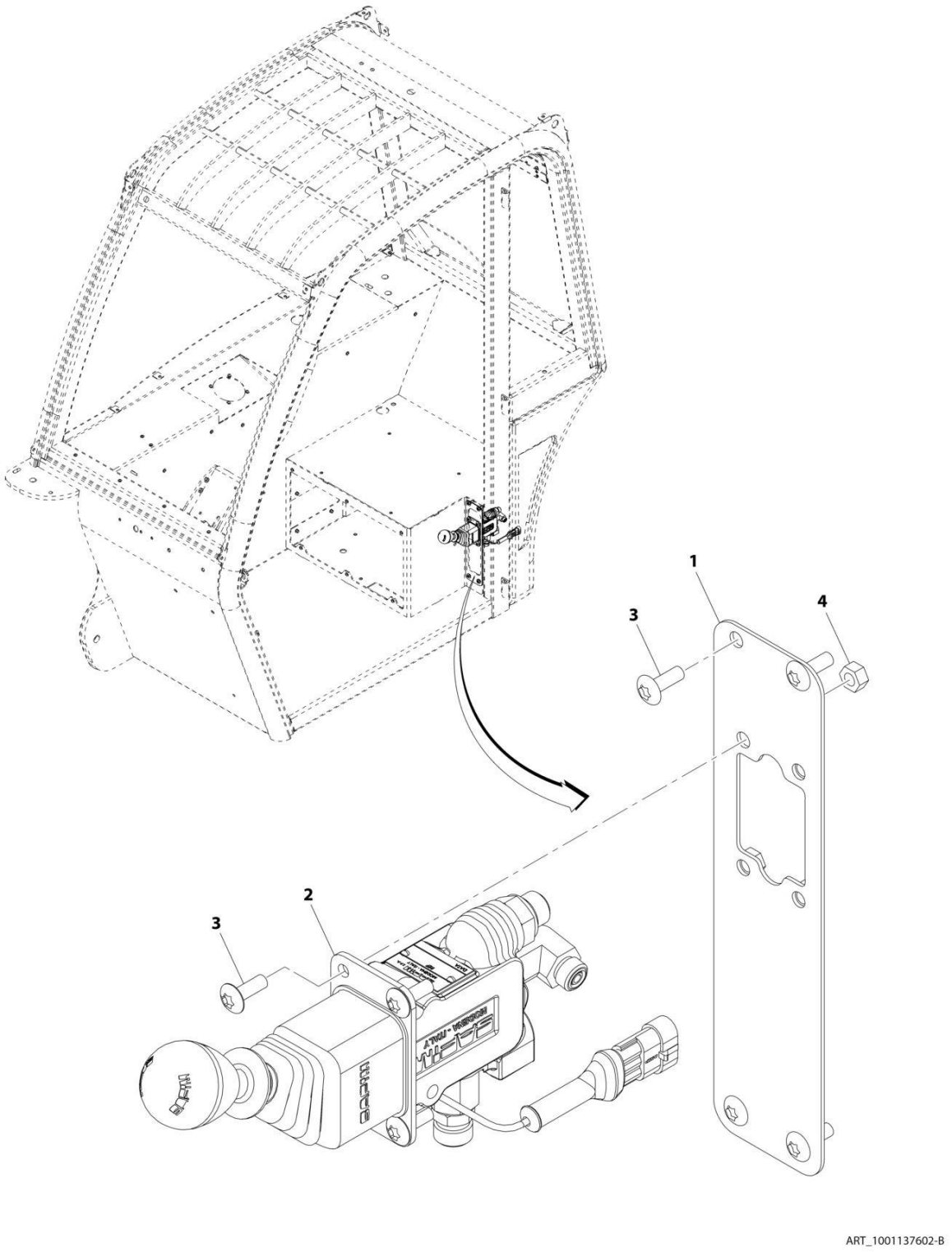


FIGURE 7-6. PARK BRAKE VALVE INSTALLATION (EURO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137602	Ref	Park Brake Valve Installation (Euro)	B
1	1001137998	1	Park Brake Valve Bracket	
2	1001080968	1	Park Brake Valve Assembly (Euro) (See Separate Breakdown this Section)	
3	8303034	8	Screw, 1/4-20X0.75	
4	3271405	4	Hex Locknut, 1/4-20, GR8	

FIGURE 7-7. PARK BRAKE VALVE ASSEMBLY (EURO)

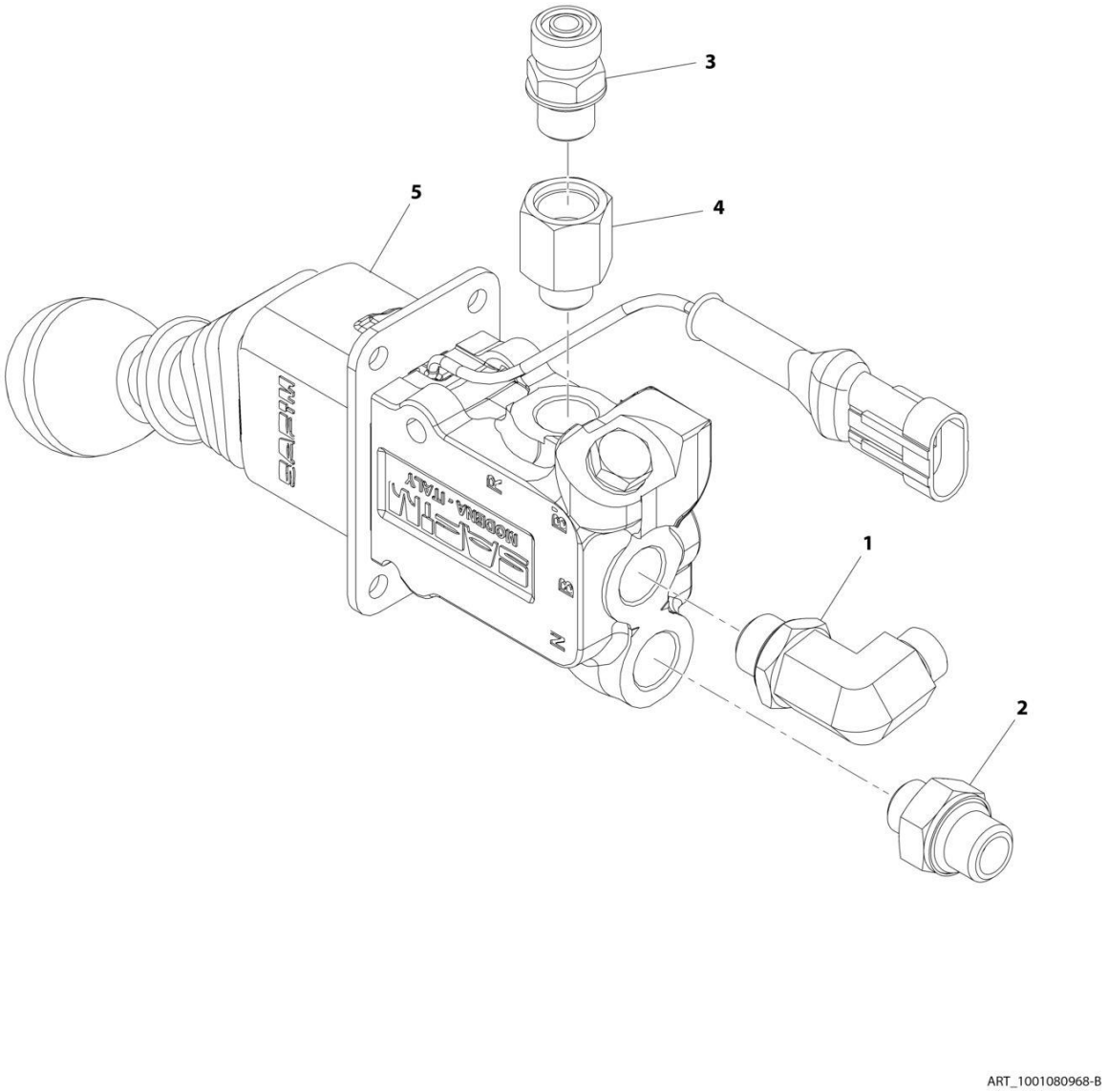


FIGURE 7-7. PARK BRAKE VALVE ASSEMBLY (EURO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080968	Ref	Park Brake Valve Assembly (Euro)	B
1	80233256	1	Elbow, 90	
2	80233257	1	Adapter, Connector	
3	80333184	1	Check Fitting	
4	1001098069	1	Fitting	
5	1001098153	1	Valve, Park Brake Release (Euro) (See Separate Breakdown in Hydraulic Components Section)	

FIGURE 7-8. FIXED STEERING COLUMN INSTALLATION

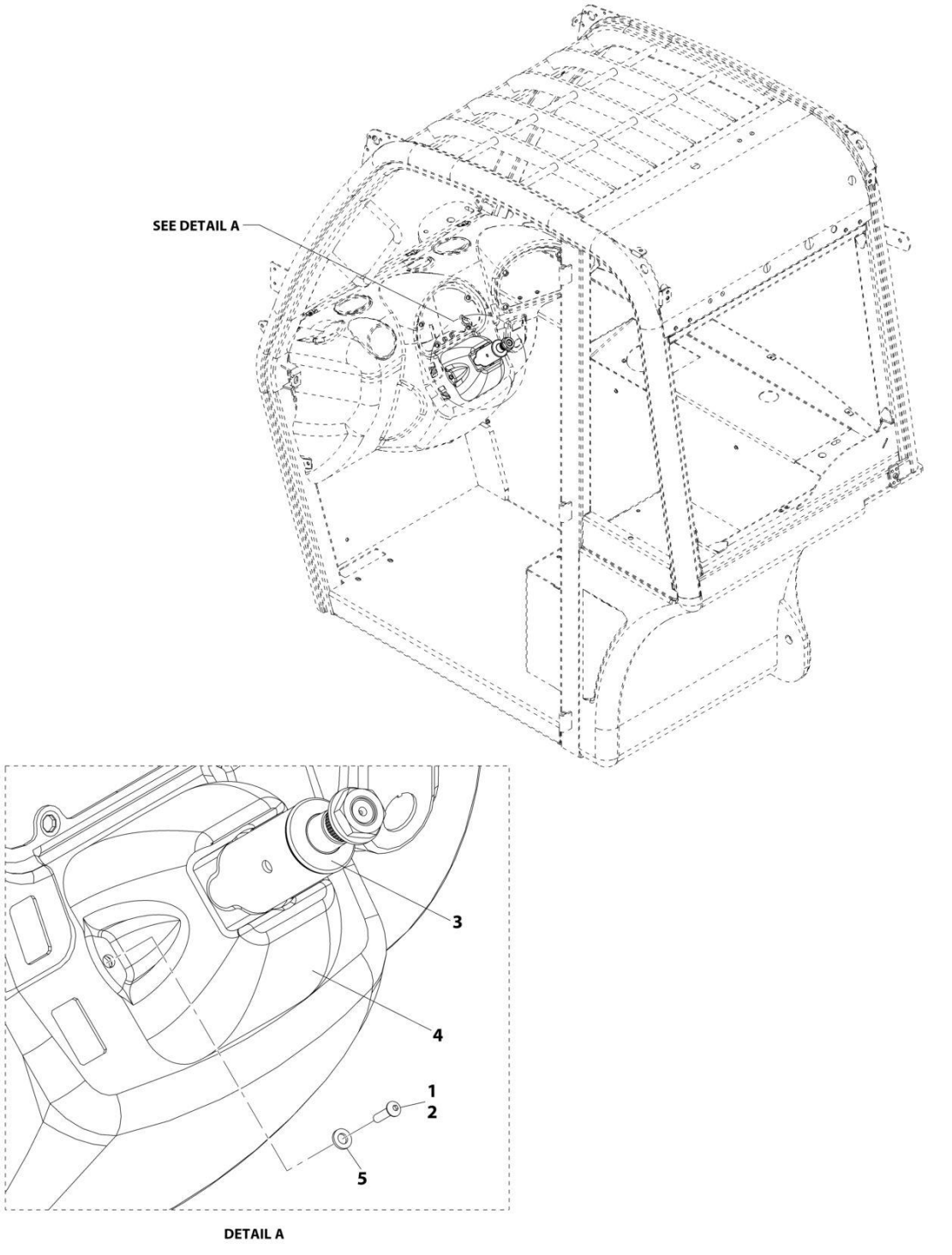
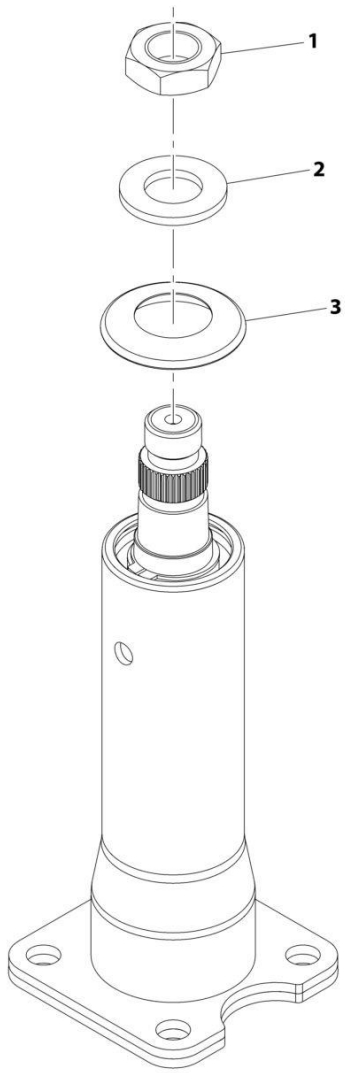


FIGURE 7-8. FIXED STEERING COLUMN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221303	Ref	Fixed Steering Column Installation	A
1	0100035	AR	Compound, Locking	
2	0630518	2	Screw	
3	1001081223	1	Fixed Steering Column (See Separate Breakdown in this Section)	
4	1001153629	1	Steering Column Boot	
5	4811700001	2	Washer M6	

FIGURE 7-9. FIXED STEERING COLUMN



ART_1001081223-D

FIGURE 7-9. FIXED STEERING COLUMN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001081223	Ref	Fixed Steering Column	E
1	70020923	1	Nut, M18X.5	
2	70020924	1	Washer	
3	70020925	1	Rubber Cap	

FIGURE 7-10. TILT STEERING COLUMN INSTALLATION

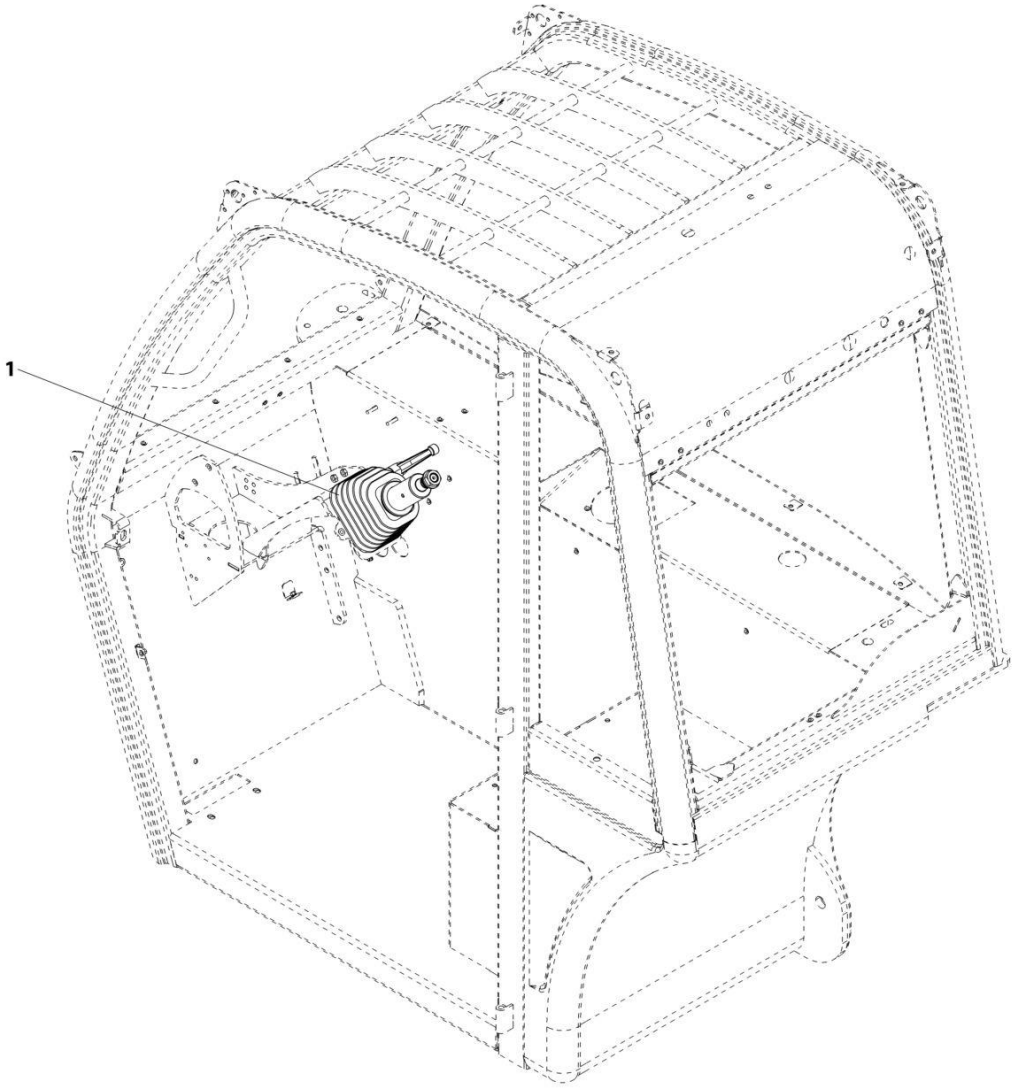
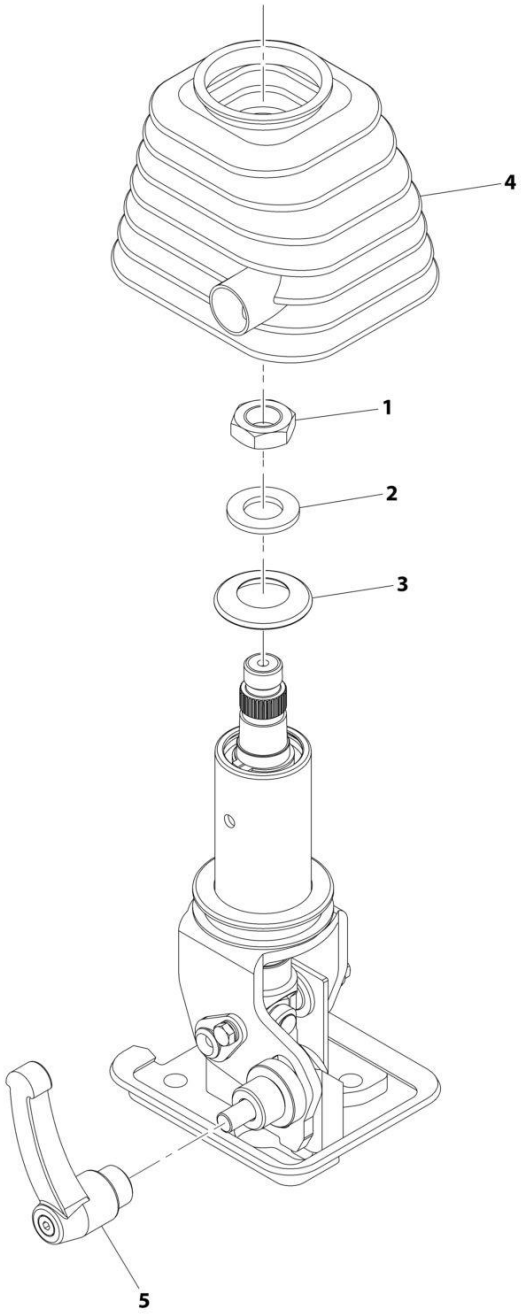


FIGURE 7-10. TILT STEERING COLUMN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080809	Ref	Tilt Steering Column Installation	A
1	1001080826	1	Tilt Steering Column (See Separate Breakdown in this Section)	

FIGURE 7-11. TILT STEERING COLUMN



ART_1001080826-F

FIGURE 7-11. TILT STEERING COLUMN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080826	Ref	Tilt Steering Column	F
1	70020923	1	Nut, M18-1-1/2	
2	70020924	1	Washer	
3	70020925	1	Rubber Cap	
4	70020926	1	Bellows	
5	70020927	1	Locking Handle	

FIGURE 7-12. HYDRAULIC CONTROLLER ASSEMBLY

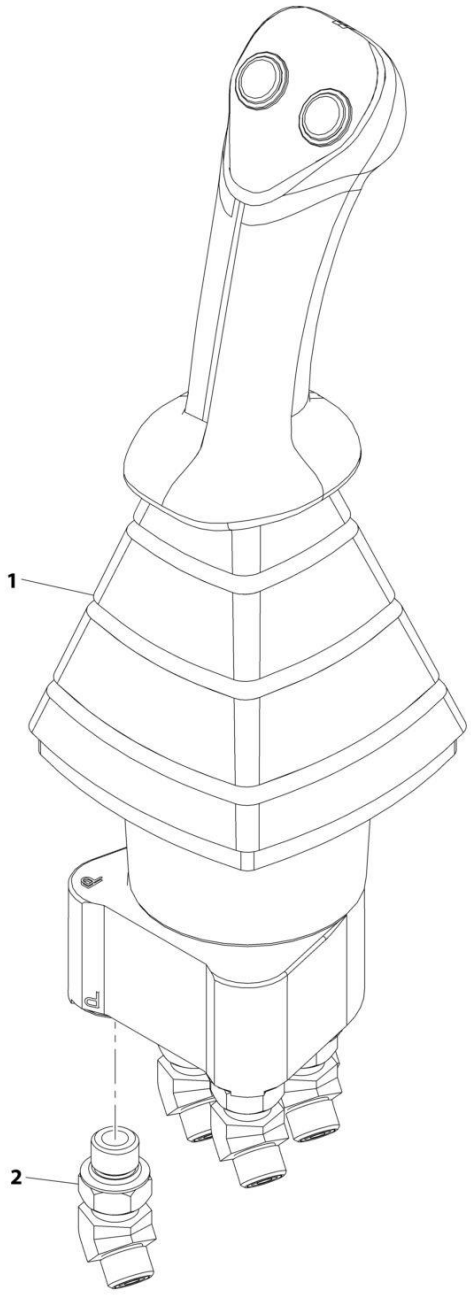


FIGURE 7-12. HYDRAULIC CONTROLLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080500	1	Hydraulic Controller Assembly	D
1	1001080256	1	Joystick (See Separate Breakdown in this Section)	
2	2150406	1	Fitting, 45 ORFS	

FIGURE 7-13. HEATER CONTROL SWITCH

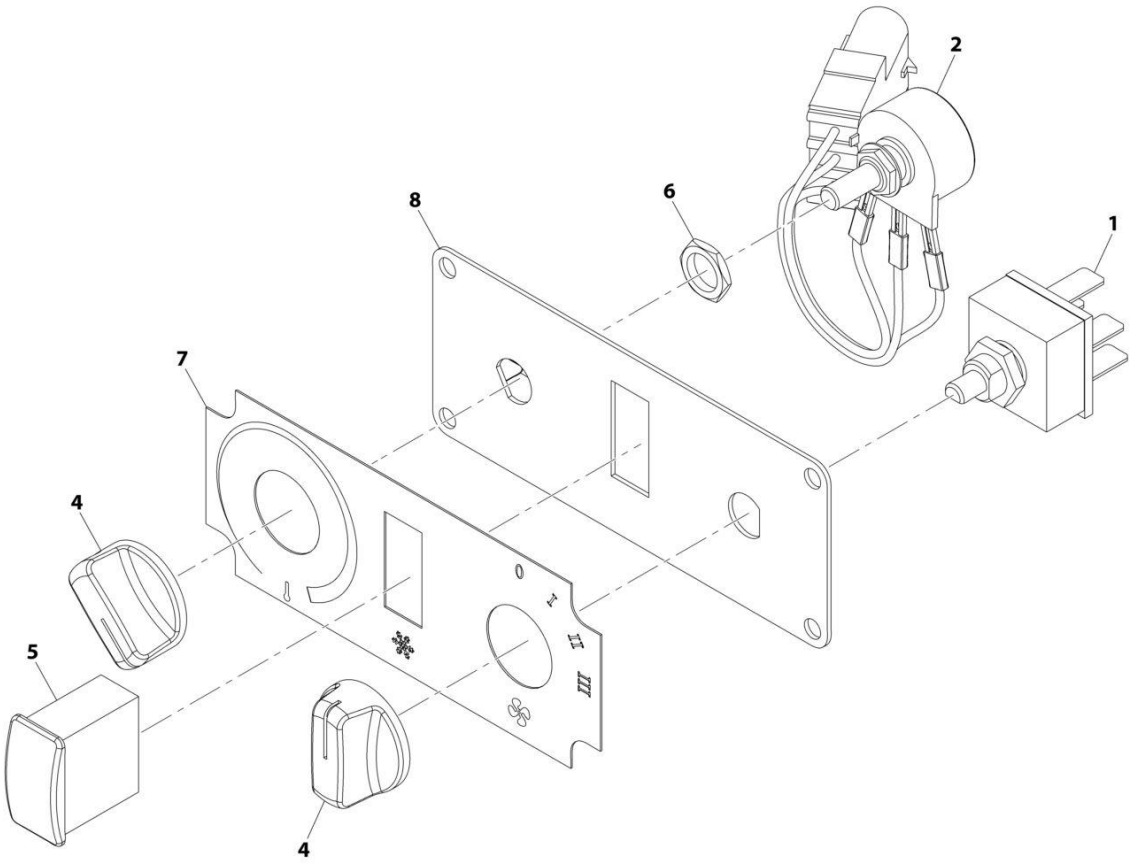


FIGURE 7-13. HEATER CONTROL SWITCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193945	Ref	Heater Control Switch	D
1	1001204362	1	Switch, Blower	
2	1001151643	1	Potentiometer	
4	1001204360	2	Positioning Knob	
5	1001204363	1	Rocker Switch	
6	1001204464	1	Jam Nut	
7	1001204469	1	Decal, Switch Panel	
8	1001204470	1	Plate, Switch Panel	

FIGURE 7-14. HVAC CONTROL SWITCH

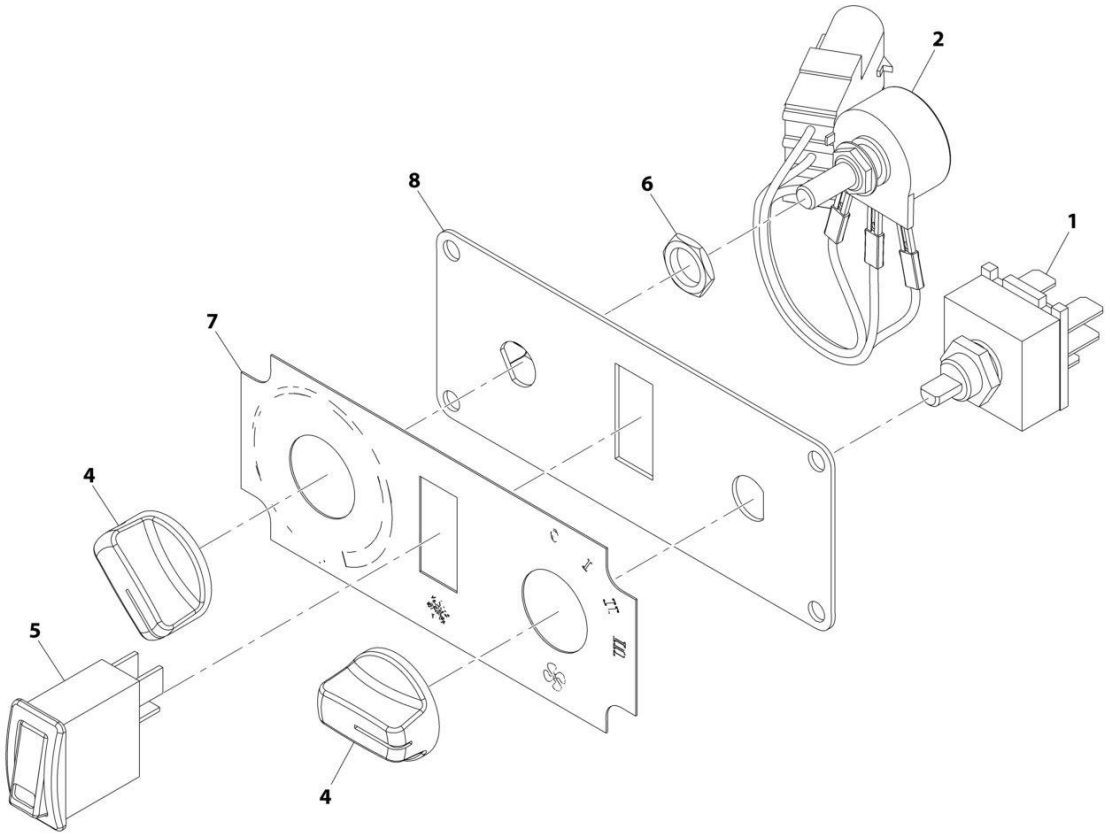


FIGURE 7-14. HVAC CONTROL SWITCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001193501	Ref	HVAC Control Switch	D
1	1001204362	1	Switch, Blower	
2	1001151643	1	Potentiometer	
4	1001204360	2	Positioning Knob	
5	1001204385	1	Rocker Switch	
6	1001204464	1	Jam Nut	
7	1001204469	1	Decal, Switch Panel	
8	1001204470	1	Plate, Switch Panel	

FIGURE 7-15. BOOM JOYSTICK

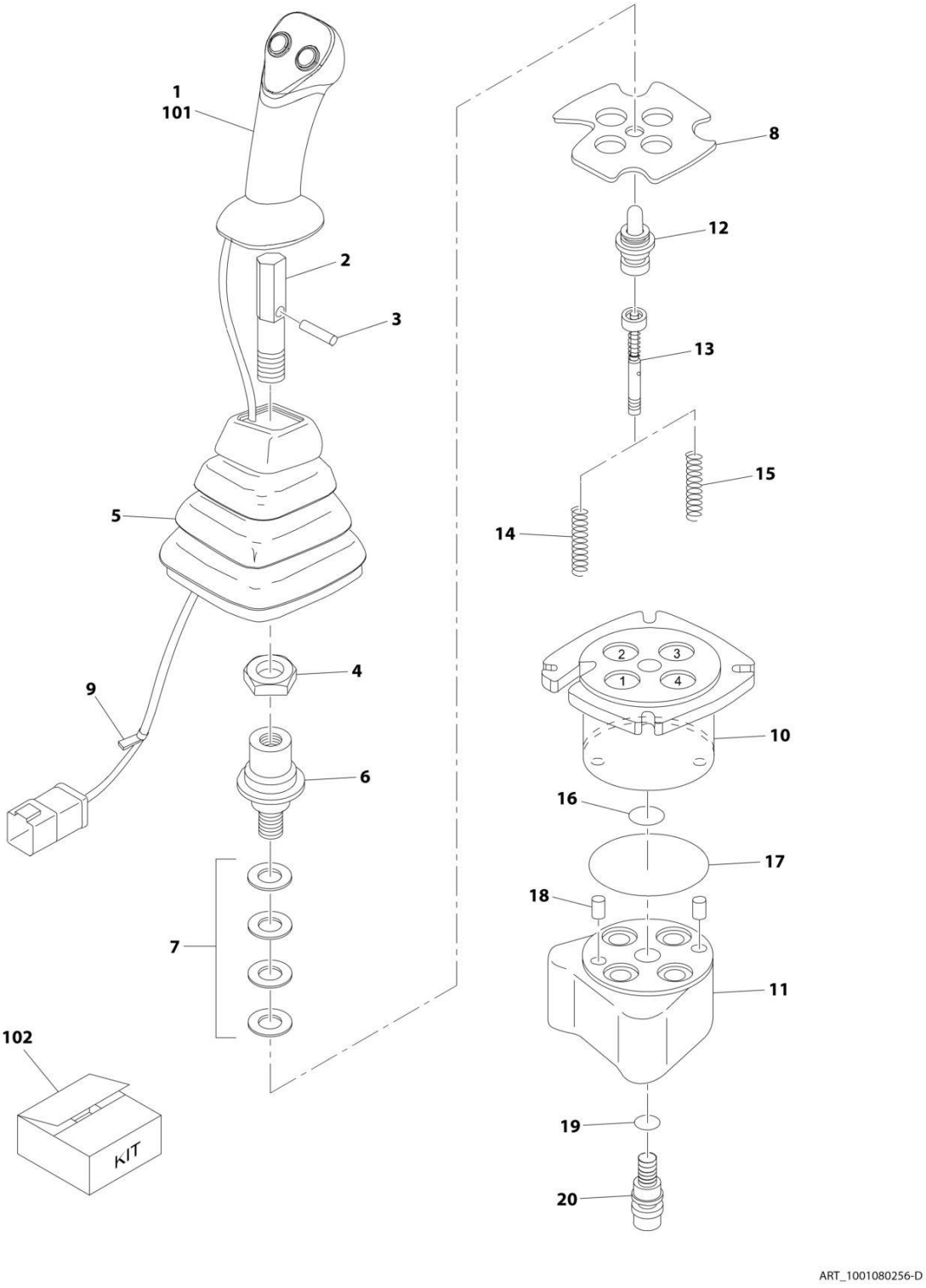


FIGURE 7-15. BOOM JOYSTICK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080256	Ref	Boom Joystick	D
1	70020769	1	Handle Assembly	
2	70020770	1	Straight Lever Kit	
3	N.S.S.	1	Straight Lever	
4	N.S.S.	1	Hex Nut	
5	70020771	1	Rubber Boot	
6	80264138	1	Cardan Kit	
7	N.S.S.	AR	Shim	
8	91404013	1	Retaining Plate	
9	80264139	1	Grommet Kit	
10	91404016	1	Upper Body	
11	N.S.S.	1	Lower Body	
12	91304025	2	Plunger And Guide Kit	
13	91514224	4	Regulating Unit	
14	91504028	1	Return Spring	
15	91504029	1	Return Spring	
16	Kit	1	O-Ring	
17	Kit	1	O-Ring	
18	Kit	2	Dowel Pin	
19	Kit	1	O-Ring	
20	Kit	1	Screw Assembly	
101	3931412	4	Socket HD Screw, 1/4-20X3/4	
102	91404326	1	Seal Kit, (Includes Items 16 Thru 20)	

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. HOSE INSTALLATION (ANSI)

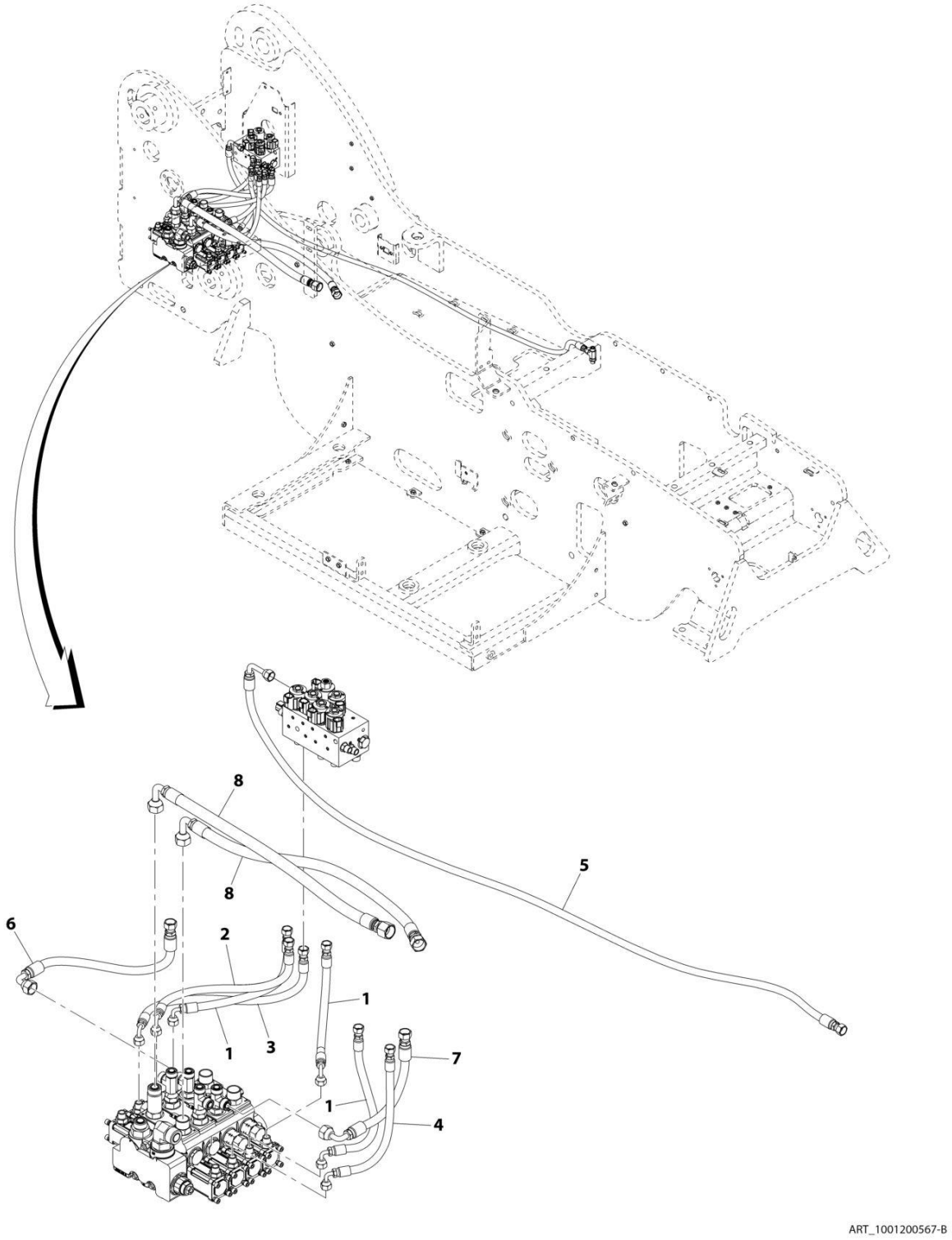


FIGURE 8-1. HOSE INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200567	Ref	Hydraulic Hose Installation (ANSI)	B
1	1001129889	3	Hose Assembly	
2	1001129891	1	Hose Assembly	
3	1001129893	1	Hose Assembly	
4	1001129894	1	Hose Assembly	
5	1001209089	1	Hose Assembly	
6	1001129925	1	Hose Assembly	
7	1001129926	1	Hose Assembly	
8	1001080279	2	Hose Assembly	

FIGURE 8-2. HOSE INSTALLATION (CE)

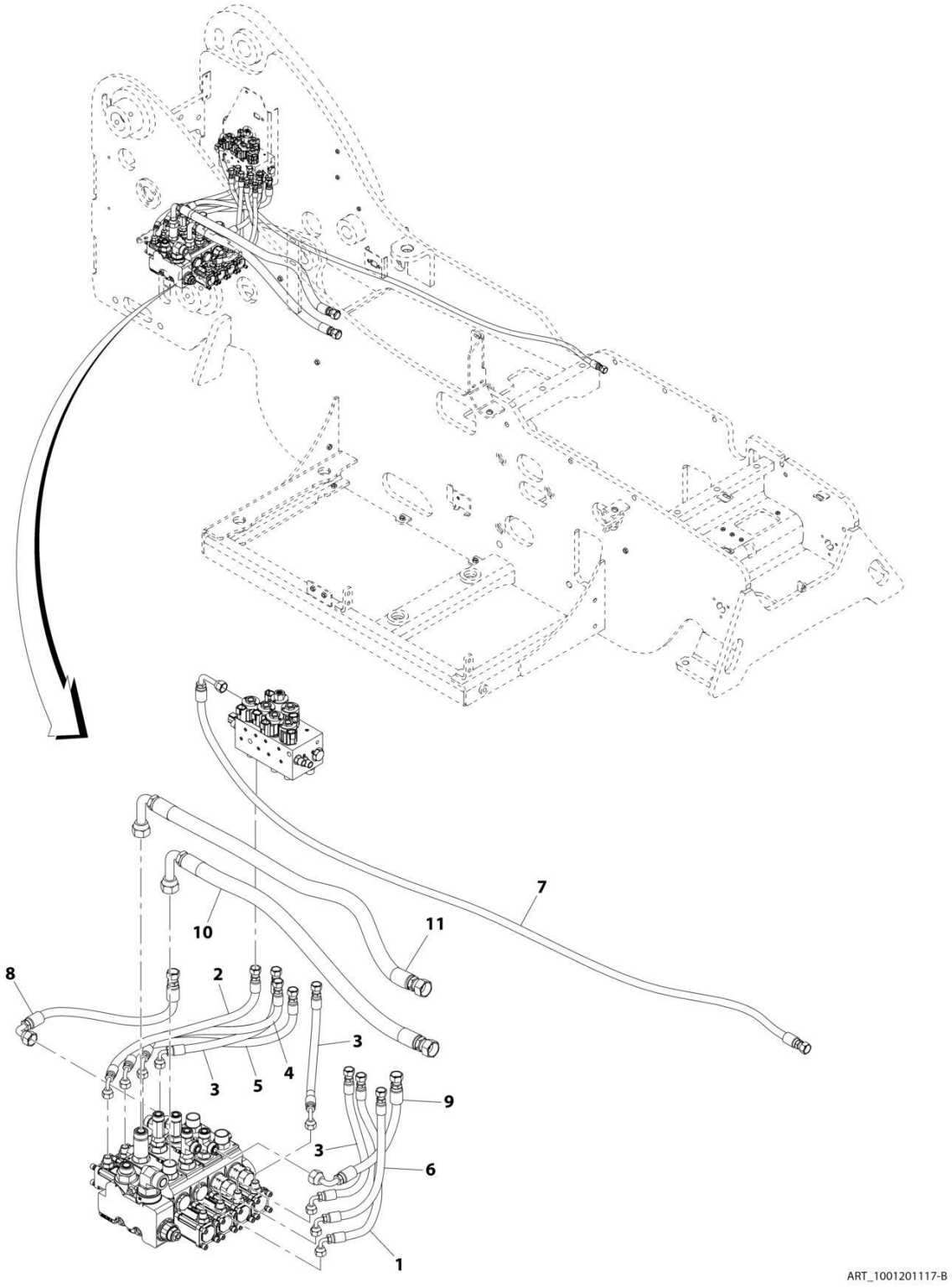


FIGURE 8-2. HOSE INSTALLATION (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201117	Ref	Hydraulic Hose Installation (CE)	B
1	1001129887	1	Hose Assembly	
2	1001129888	1	Hose Assembly	
3	1001129889	3	Hose Assembly	
4	1001129891	1	Hose Assembly	
5	1001129893	1	Hose Assembly	
6	1001129894	1	Hose Assembly	
7	1001209089	1	Hose Assembly	
8	1001129925	1	Hose Assembly	
9	1001129926	1	Hose Assembly	
10	1001132411	1	Hose Assembly	
11	1001132412	1	Hose Assembly	

FIGURE 8-3. HOSE INSTALLATION - BOOM

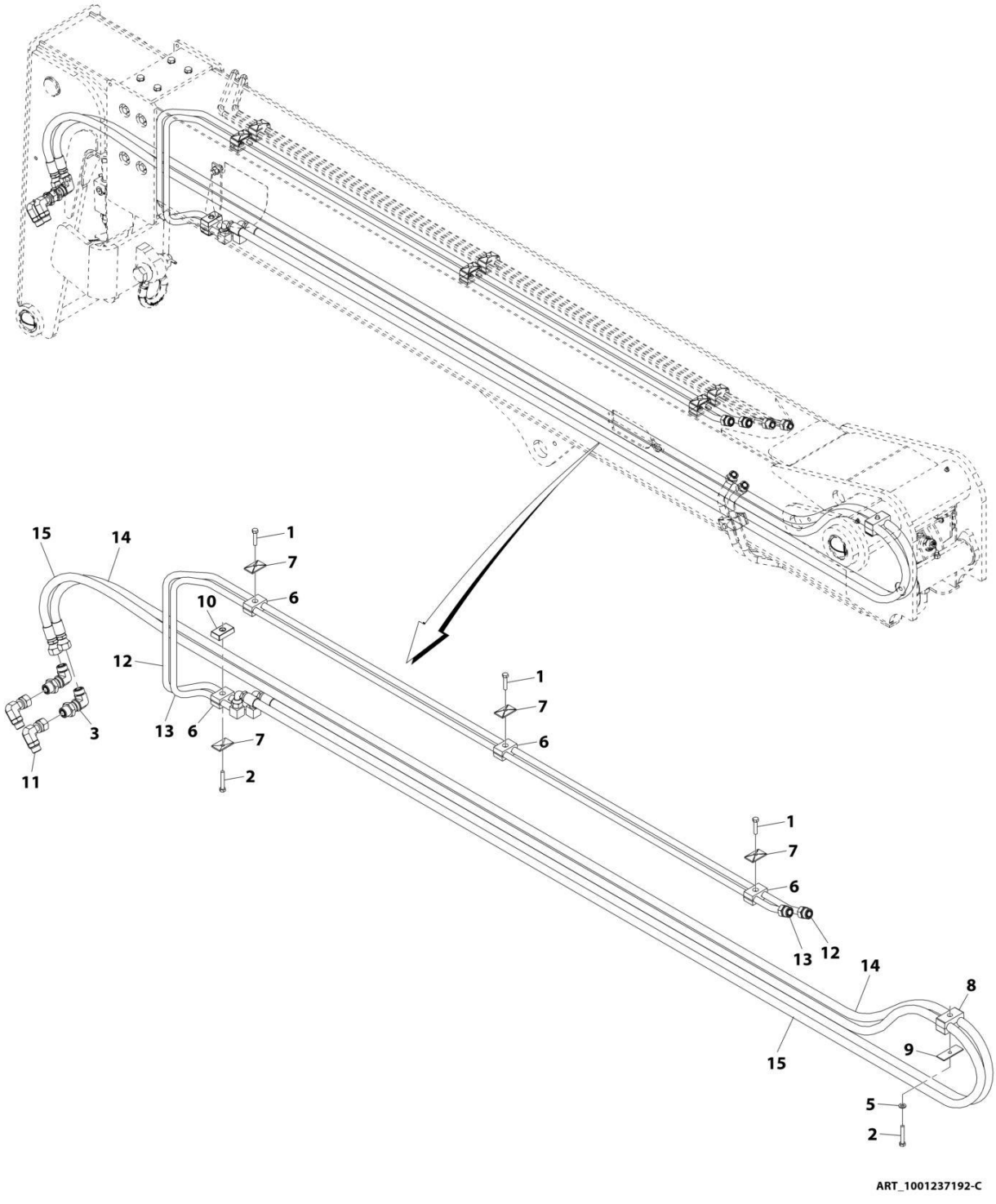


FIGURE 8-3. HOSE INSTALLATION - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237192	Ref	Boom Hydraulic Installation	C
1	0641512	3	Hex HD Capscrew, 5/16-18X1-1/2, GR5	
2	0641516	2	Hex HD Capscrew, 5/16-18X2, GR5	
3	2221290	2	Elbow, 90	
5	4711500	1	Washer, 5/16	
6	8769122	4	Twin Clamp Set	
7	8769123	4	Twin Cover Plate	
8	77133136	1	Clamp	
9	77133137	1	Cover Plate	
10	1001080394	1	Twin Spacer	
11	1001090103	2	Fitting	
12	1001247193	1	Tube Assembly	
13	1001247192	1	Tube Assembly	
14	1001247194	1	Hose	
15	1001247195	1	Hose	

FIGURE 8-4. HOSE INSTALLATION - BOOM WITH QS

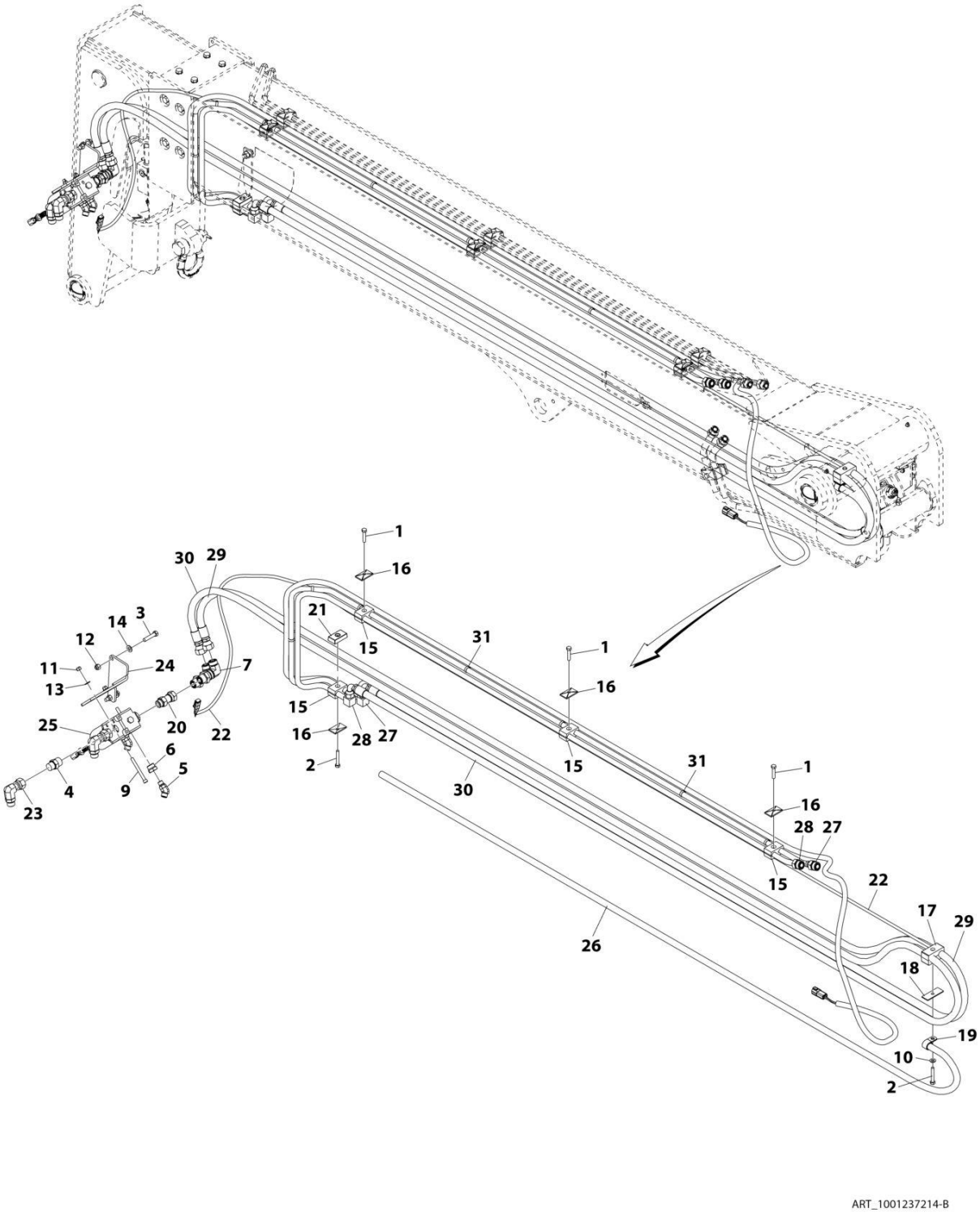


FIGURE 8-4. HOSE INSTALLATION - BOOM WITH QS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237214	Ref	Boom Hydraulic Installation, W/QS	B
1	0641512	3	Hex HD Capscrew, 5/16-18X1-1/2, GR5	
2	0641516	2	Hex HD Capscrew, 5/16-18X2, GR5	
3	0641614	2	Hex HD Capscrew, 3/8-16X1-3/4, GR5	
4	2111010	2	Adapter	
5	2150606	2	Elbow, 45	
6	2220218	2	Adapter	
7	2221290	2	Elbow, 90	
9	3931548	2	Socket HD Capscrew, 5/16-18X3	
10	4711500	1	Washer, 5/16	
11	8305626	2	Hex Locknut, 5/16	
12	8305645	2	Hex Locknut, 3/8-16	
13	8307106	2	Plain Washer, 5/16	
14	8307110	2	Washer, 3/8	
15	8769122	4	Clamp Set	
16	8769123	4	Cover Plate	
17	77133136	1	Clamp Set	
18	77133137	1	Cover Plate	
19	91043147	1	Clamp	
20	1001001556	2	Adapter	
21	1001080394	1	Twin Line Clamp Spacer	
22	1001080397	1	Boom Aux Harness (See Separate Breakdown in Electrical Section)	
23	1001090103	2	Fitting	
24	1001100916	1	Bracket	
25	1001104477	1	Valve Divertor (See Separate Breakdown in this Section)	
26	1001232722	1	Hose	
27	1001080207	1	Tube Assembly	
28	1001080208	1	Tube Assembly	
29	1001236782	1	Hose	
30	1001236783	1	Hose	
31	90027187	AR	Cable Tie Strap	

FIGURE 8-5. HOSE INSTALLATION - BOOM AUXILIARY

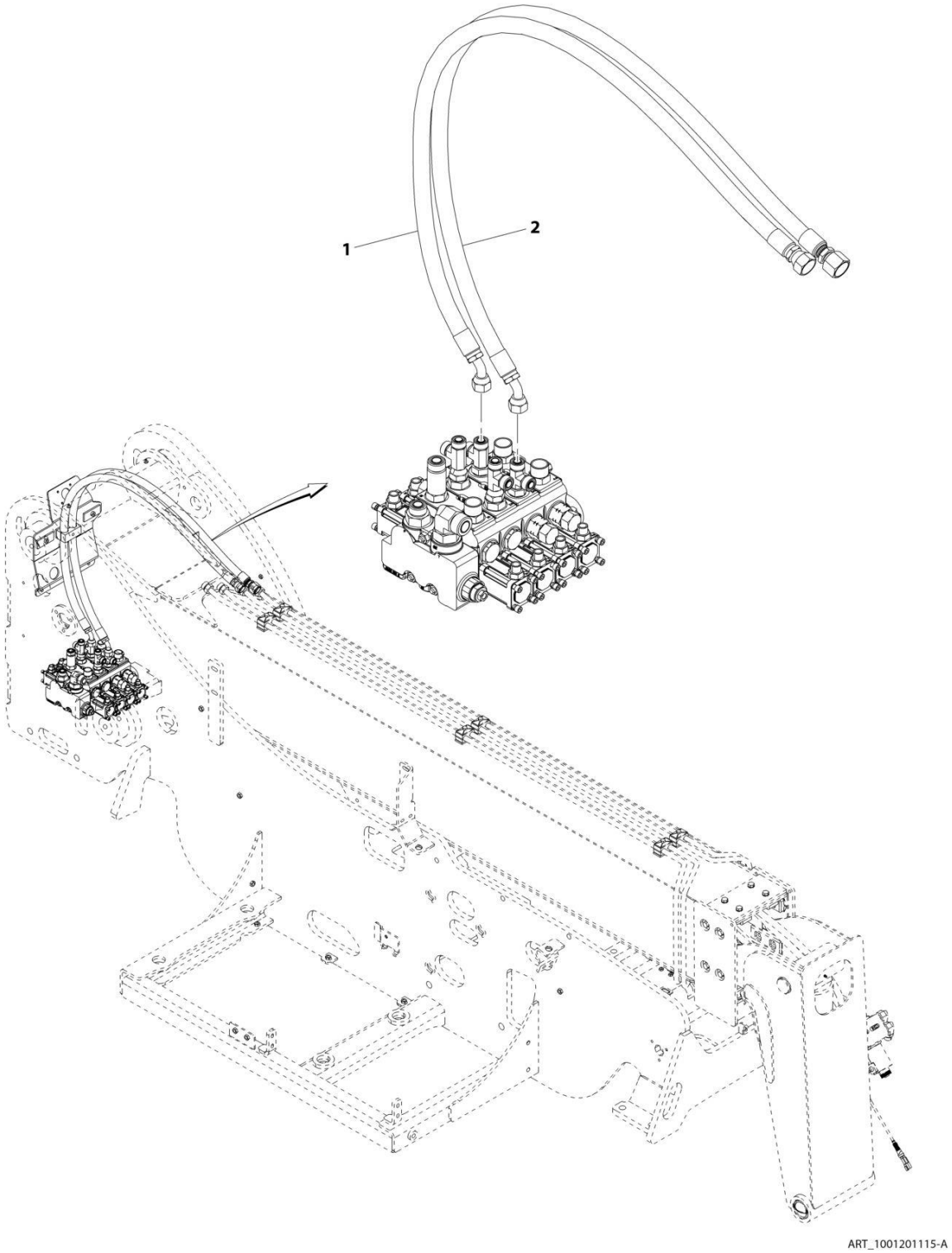


FIGURE 8-5. HOSE INSTALLATION - BOOM AUXILIARY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201115	Ref	Boom Aux Hose Installation	A
1	1001080294	1	Hose Assembly	
2	1001080308	1	Hose Assembly	

FIGURE 8-6. HOSE INSTALLATION - CAB (ANSI)

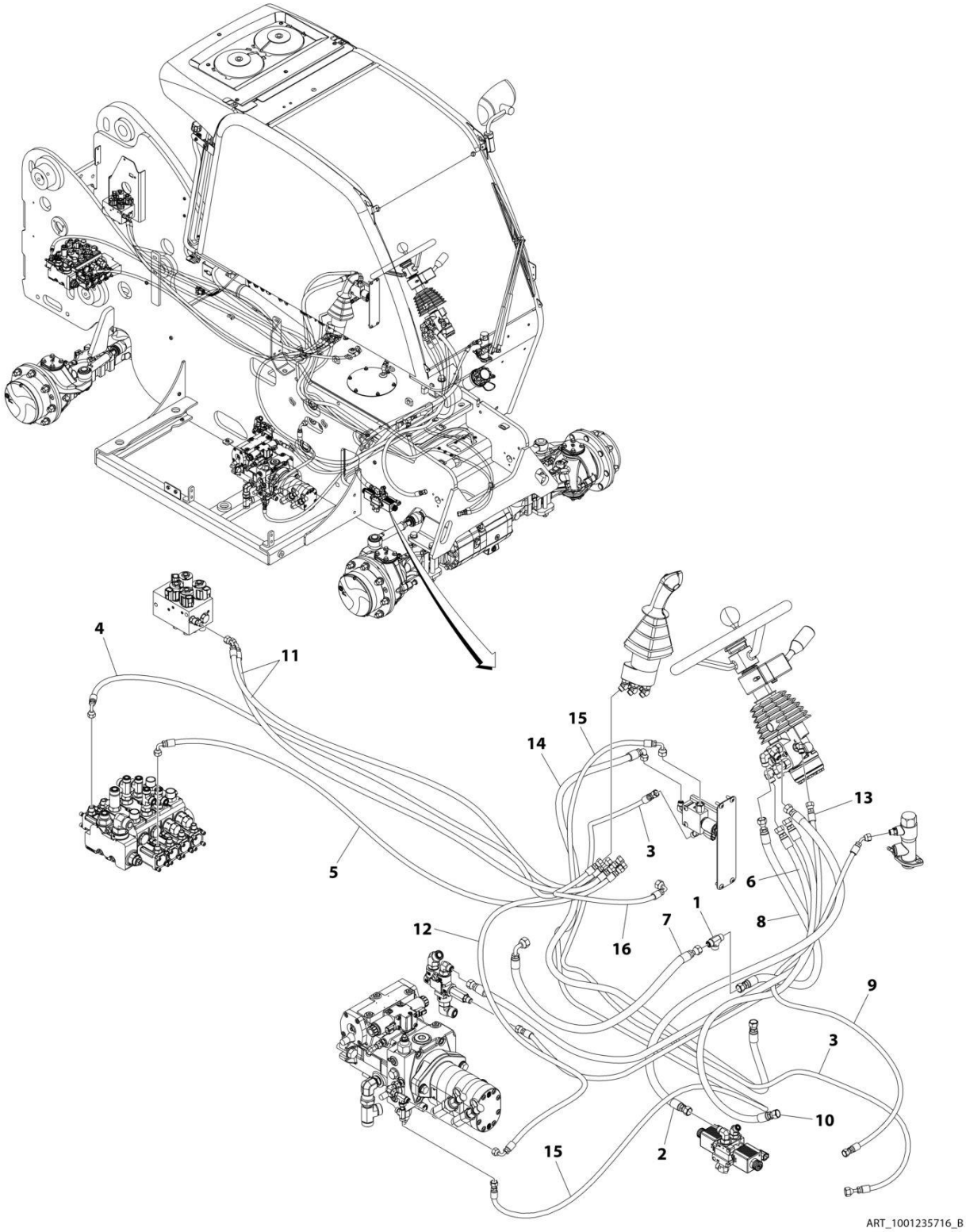


FIGURE 8-6. HOSE INSTALLATION - CAB (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235716	Ref	HOSE INSTALLATION - CAB (ANSI)	B
1	2170506	1	Adapter, Run Tee	
2	1001080250	1	Hose Assembly	
3	1001080251	1	Hose Assembly	
4	1001080265	1	Hose Assembly	
5	1001080266	1	Hose Assembly	
6	1001209063	1	Hose Assembly	
7	1001080585	1	Hose Assembly	
8	1001080586	1	Hose Assembly	
9	1001106622	1	Hose Assembly	
10	1001236417	1	Hose Assembly	
11	1001129895	2	Hose Assembly	
12	1001281600	1	Hose Assembly	
13	1001080356	1	Hose Assembly	
14	1001145224	1	Hose Assembly	
15	1001281599	1	Hose Assembly	
16	1001202297	1	Hose Assembly	

FIGURE 8-7. HOSE INSTALLATION - CAB (CE)

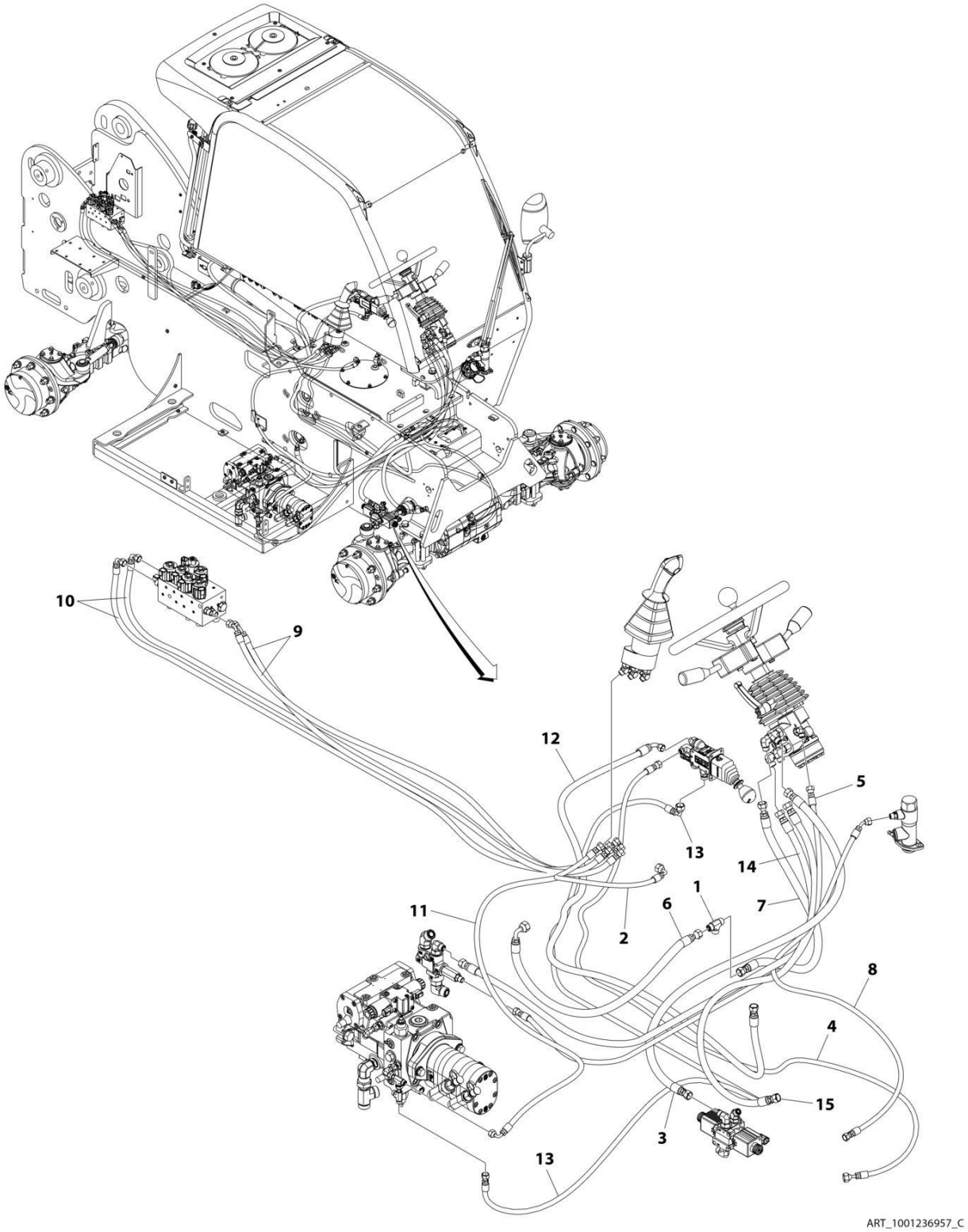


FIGURE 8-7. HOSE INSTALLATION - CAB (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236957	Ref	HOSE INSTALLATION - CAB (CE)	C
1	2170506	1	Adapter, Run Tee	
2	1001202297	1	Hose Assembly	
3	1001080250	1	Hose Assembly	
4	1001080251	1	Hose Assembly	
5	1001080356	1	Hose Assembly	
6	1001080585	1	Hose Assembly	
7	1001080586	1	Hose Assembly	
8	1001106622	1	Hose Assembly	
9	1001129895	2	Hose Assembly	
10	1001129898	2	Hose Assembly	
11	1001281600	1	Hose Assembly	
12	1001145224	1	Hose Assembly	
13	1001281599	1	Hose Assembly	
14	1001209063	1	Hose Assembly	
15	1001236417	1	Hose Assembly	

FIGURE 8-8. HOSE INSTALLATION - FRAME

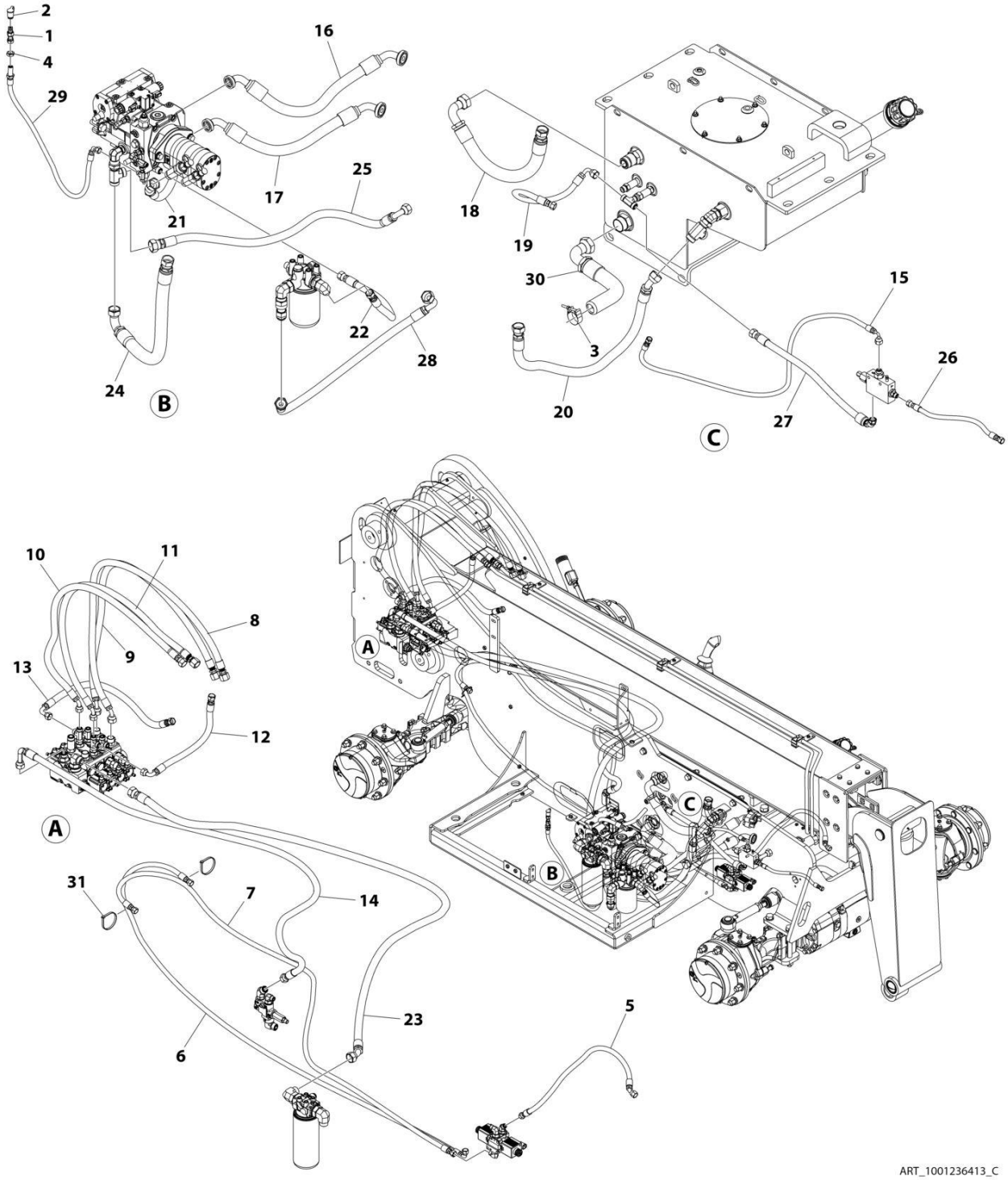


FIGURE 8-8. HOSE INSTALLATION - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236413	Ref	HOSE INSTALLATION - FRAME	C
1	2221229	1	Adapter, Diagnostic Nipple	
2	8430032	1	Dust Cap	
3	80633030	1	Clamp	
4	88662482	1	Locknut	
5	1001236418	1	Hose Assembly	
6	1001236419	1	Hose Assembly	
7	1001236420	1	Hose Assembly	
8	1001080293	1	Hose Assembly	
9	1001080309	1	Hose Assembly	
10	1001080437	1	Hose Assembly	
11	1001080438	1	Hose Assembly	
12	1001081347	1	Hose Assembly	
13	1001081348	1	Hose Assembly	
14	1001144697	1	Hose Assembly	
15	1001281601	1	Hose Assembly	
16	1001272317	1	Hose Assembly	
17	1001272318	1	Hose Assembly	
18	1001281603	1	Hose Assembly	
19	1001144753	1	Hose Assembly	
20	1001144754	1	Hose Assembly	
21	1001144755	1	Hose Assembly	
22	1001281602	1	Hose Assembly	
23	1001144759	1	Hose Assembly	
24	1001281597	1	Hose Assembly	
25	1001281596	1	Hose Assembly	
26	1001144764	1	Hose Assembly	
27	1001144737	1	Hose Assembly	
28	1001151288	1	Hose Assembly	
29	1001281598	1	Hose Assembly	
30	1001202141	1	Hose Assembly	
31	4240099	2	Strap, Tie	

FIGURE 8-9. HOSE INSTALLATION - REAR OUTLET

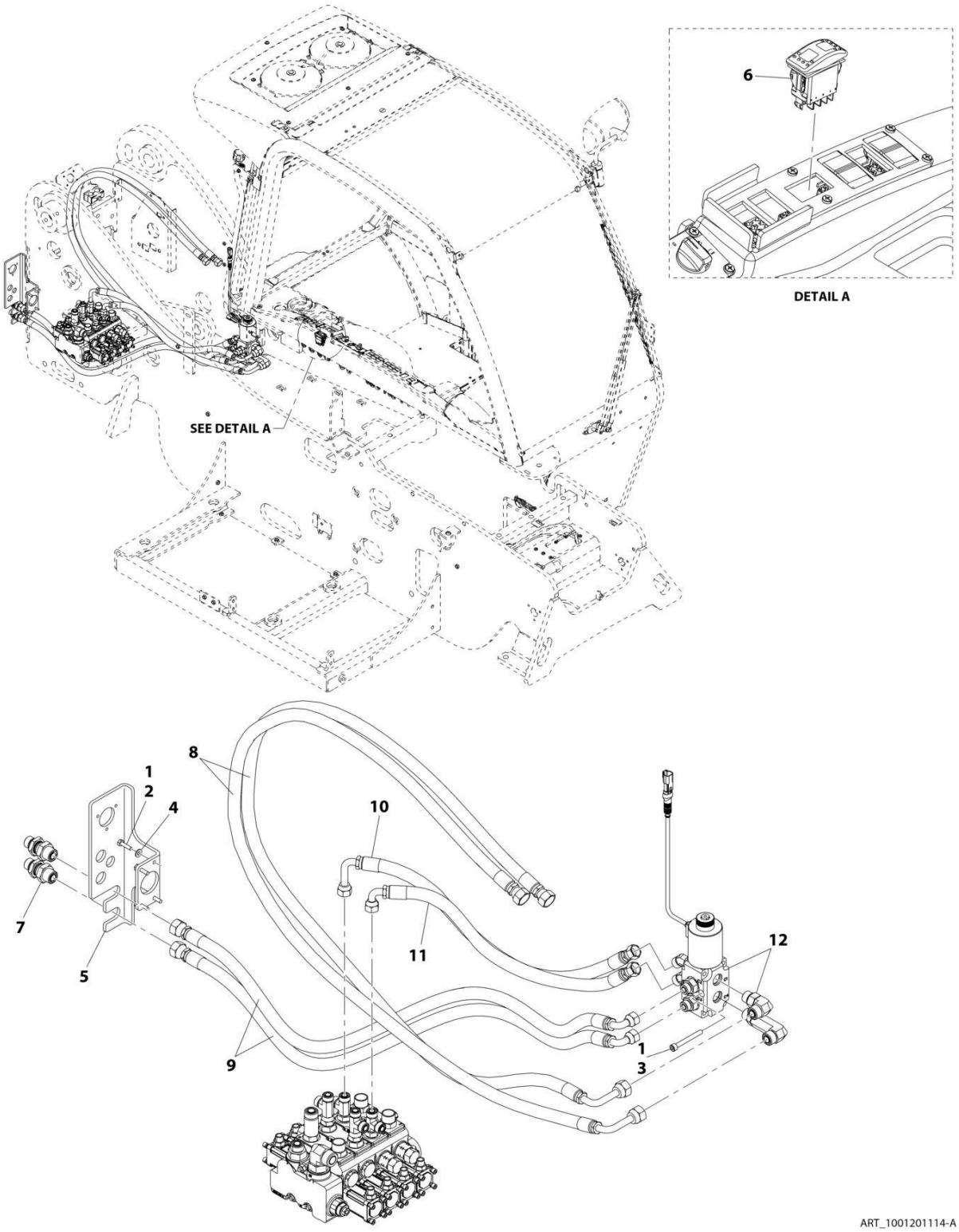


FIGURE 8-9. HOSE INSTALLATION - REAR OUTLET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201114	Ref	REAR HYDRAULIC OUTLET INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641408	4	Capscrew 1/4 x 1	
3	4031918	2	Bolt M8 x 70	
4	4711400	4	Washer 1/4	
5	1001080240	1	Trailer Hitch Bracket	
6	1001080364	1	Front/Rear Auxiliary Hydraulic Switch	
7	1001101235	2	Adapter	
8	1001135799	2	Hose Assembly	
9	1001135801	2	Hose Assembly	
10	1001135803	1	Hose Assembly	
11	1001135805	1	Hose Assembly	
12	1001135807	1	Assembly, Rear Diverter Valve (See Separate Breakdown in this Section)	

FIGURE 8-10. BREATHER INSTALLATION - HYDRAULIC TANK

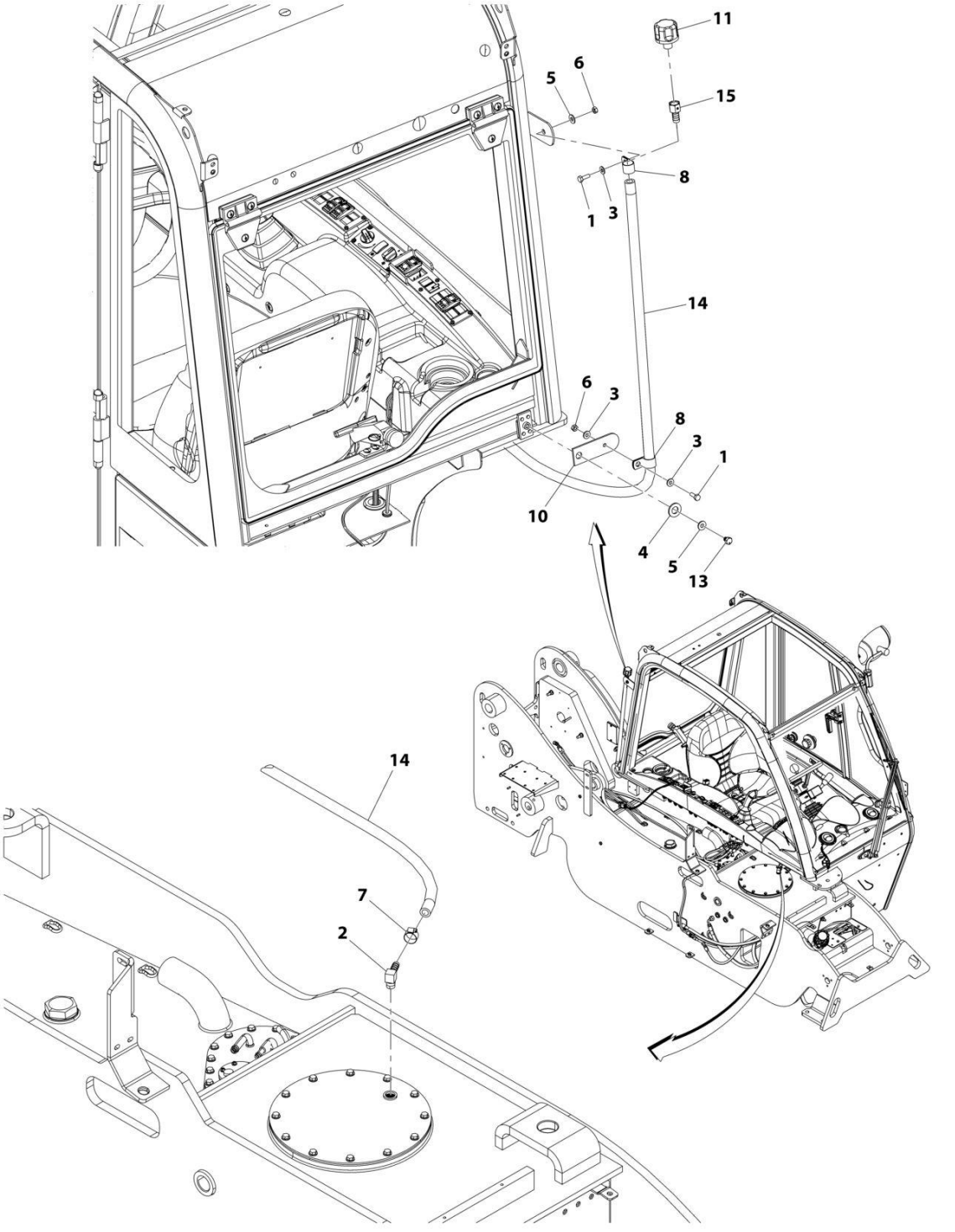


FIGURE 8-10. BREATHER INSTALLATION - HYDRAULIC TANK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182755	Ref	Hydraulic Tank Breather Installation	C
1	0641406	2	Bolt, 1/4-20X3/4	
2	2221198	1	Fitting, 90	
3	4711400	3	Washer, 1/4	
4	4711900	1	Washer, 9/16	
5	4751400	2	Washer, 1/4	
6	8305004	2	Nut	
7	8405006	1	Clamp, Gear	
8	8406102	2	Clip	
10	1001182224	1	Bracket	
11	1001185024	1	Filter, Hydraulic Breather	
13	1001196601	1	Bolt	
14	1001154405	7	Hose	
15	1001232888	1	Fitting, Straight	

FIGURE 8-11. BREATHER INSTALLATION - HYDRAULIC TANK (A/C)

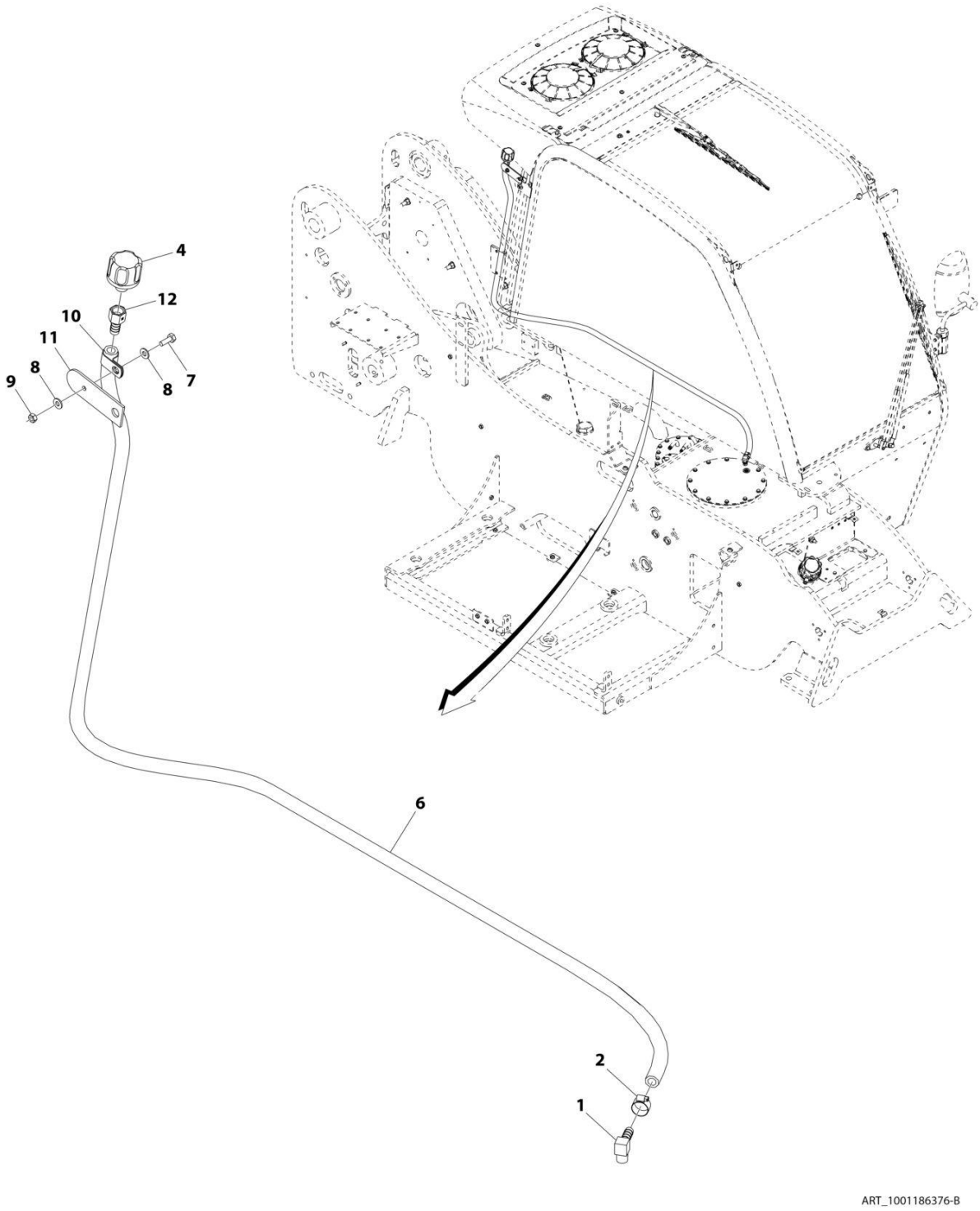


FIGURE 8-11. BREATHER INSTALLATION - HYDRAULIC TANK (A/C)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186376	Ref	Hydraulic Tank Breather installtion (A/C)	B
1	2221198	1	Barbed Fitting, 90	
2	8405006	1	Gear Clamp	
4	1001185024	1	Air Breather	
6	1001154405	7	Fuel Line Hose, 1/2 In	
7	0641406	1	Hex HD Cap Screw, 1/4-20X3/4	
8	4711400	2	Narrow Washer, 1/4	
9	8305004	1	Hex Nut	
10	8406102	1	Wire Clip	
11	1001182224	1	Tank Breather Hose Bracket	
12	1001232888	1	Fitting	

FIGURE 8-12. FILTER ASSEMBLY - HYDRAULIC

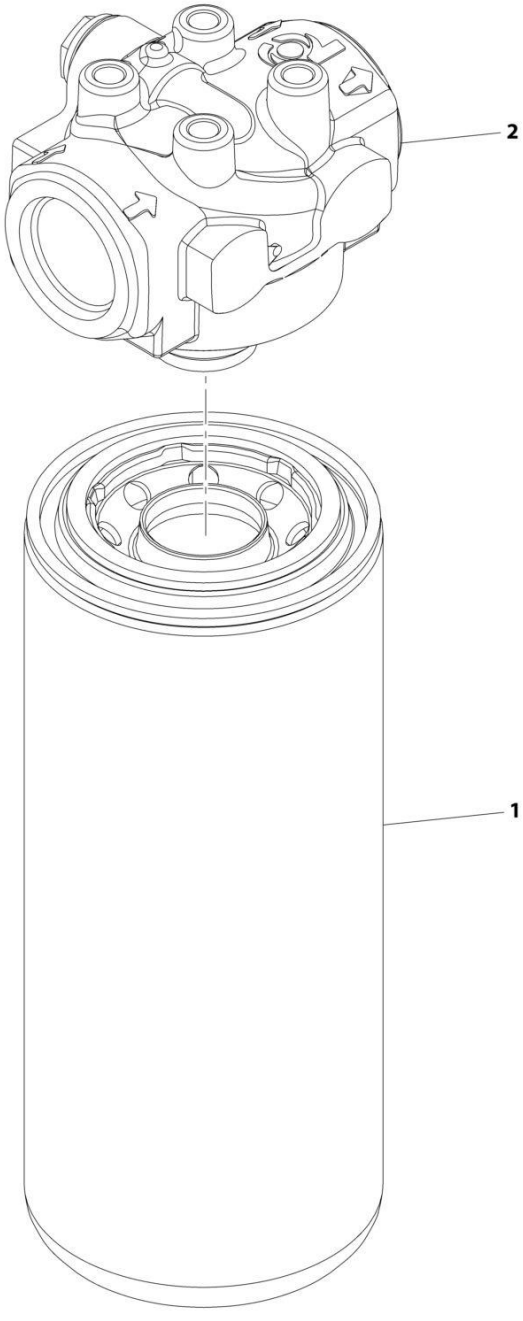


FIGURE 8-12. FILTER ASSEMBLY - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141975	Ref	Hydraulic Filter Assembly	A
1	1001141459	1	Hydraulic Oil Filter Element	
2	1001141460	1	Head Filter	

FIGURE 8-13. FILTER ASSEMBLY - IMPLEMENT PUMP

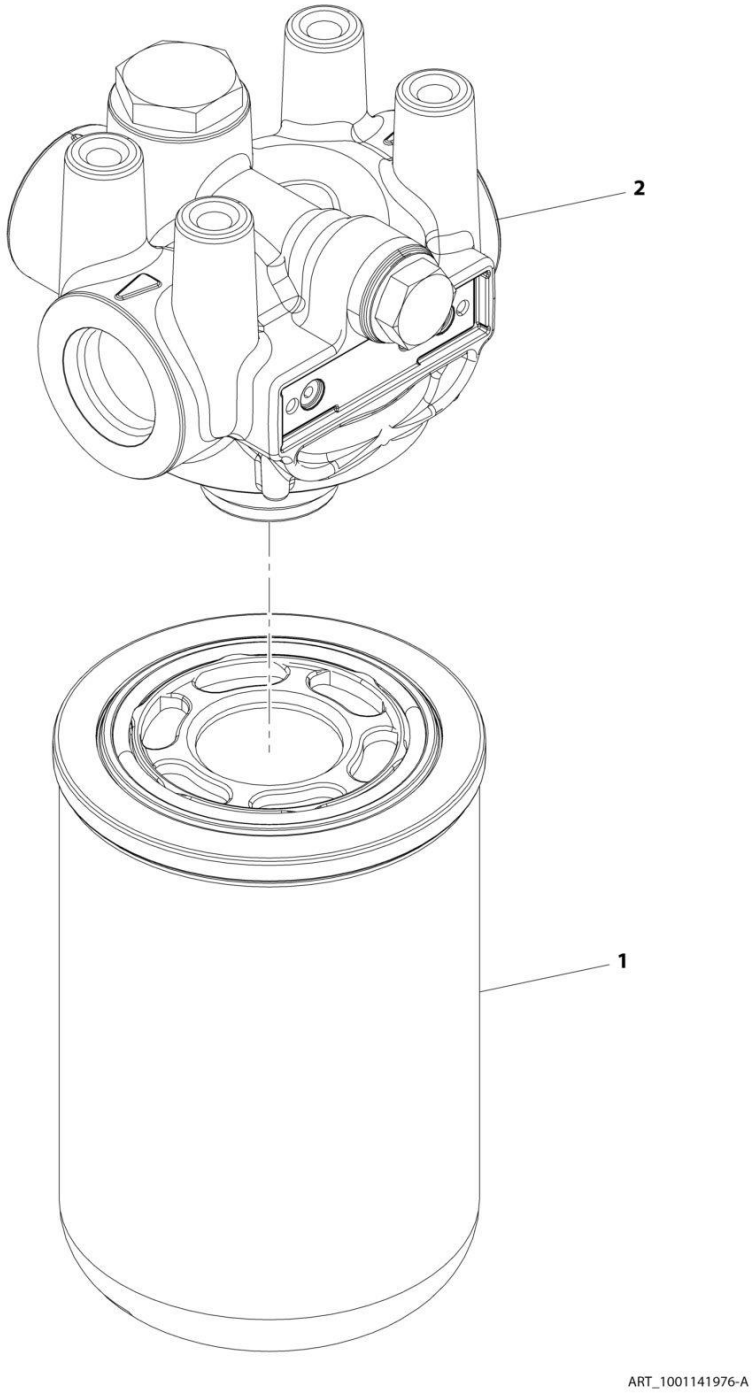


FIGURE 8-13. FILTER ASSEMBLY - IMPLEMENT PUMP

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

FIGURE 8-14. REMOTE GREASE INSTALLATION

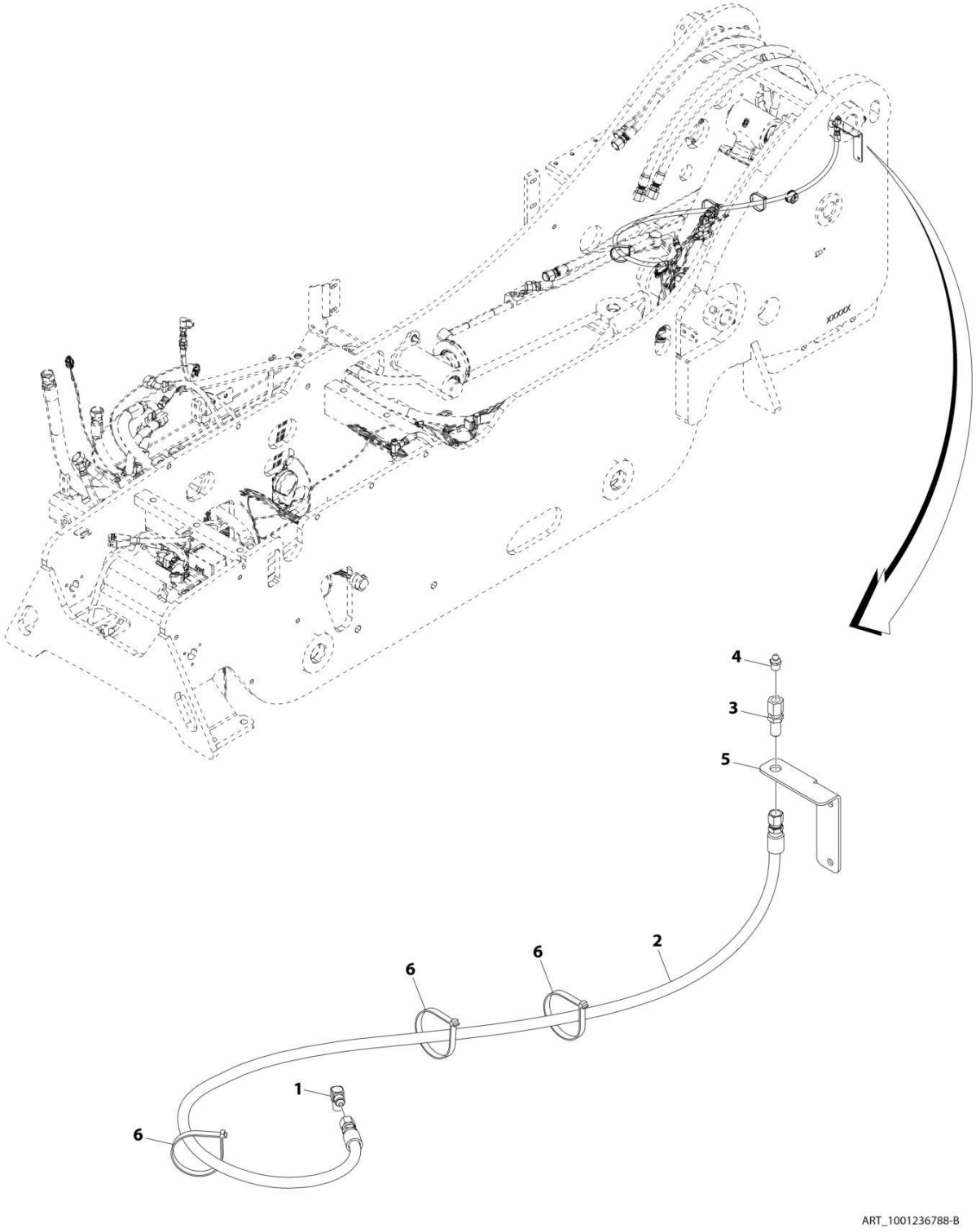


FIGURE 8-14. REMOTE GREASE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236788	Ref	Remote Grease Installation	B
1	2220612	1	Elbow, 90	
2	1001081413	1	Hose Assembly	
3	80623016	1	Adapter	
4	8520001	1	Fitting	
5	1001236787	1	Bracket	
6	8584003	3	Cable Tie	

FIGURE 8-15. VALVE INSTALLATION (ANSI)

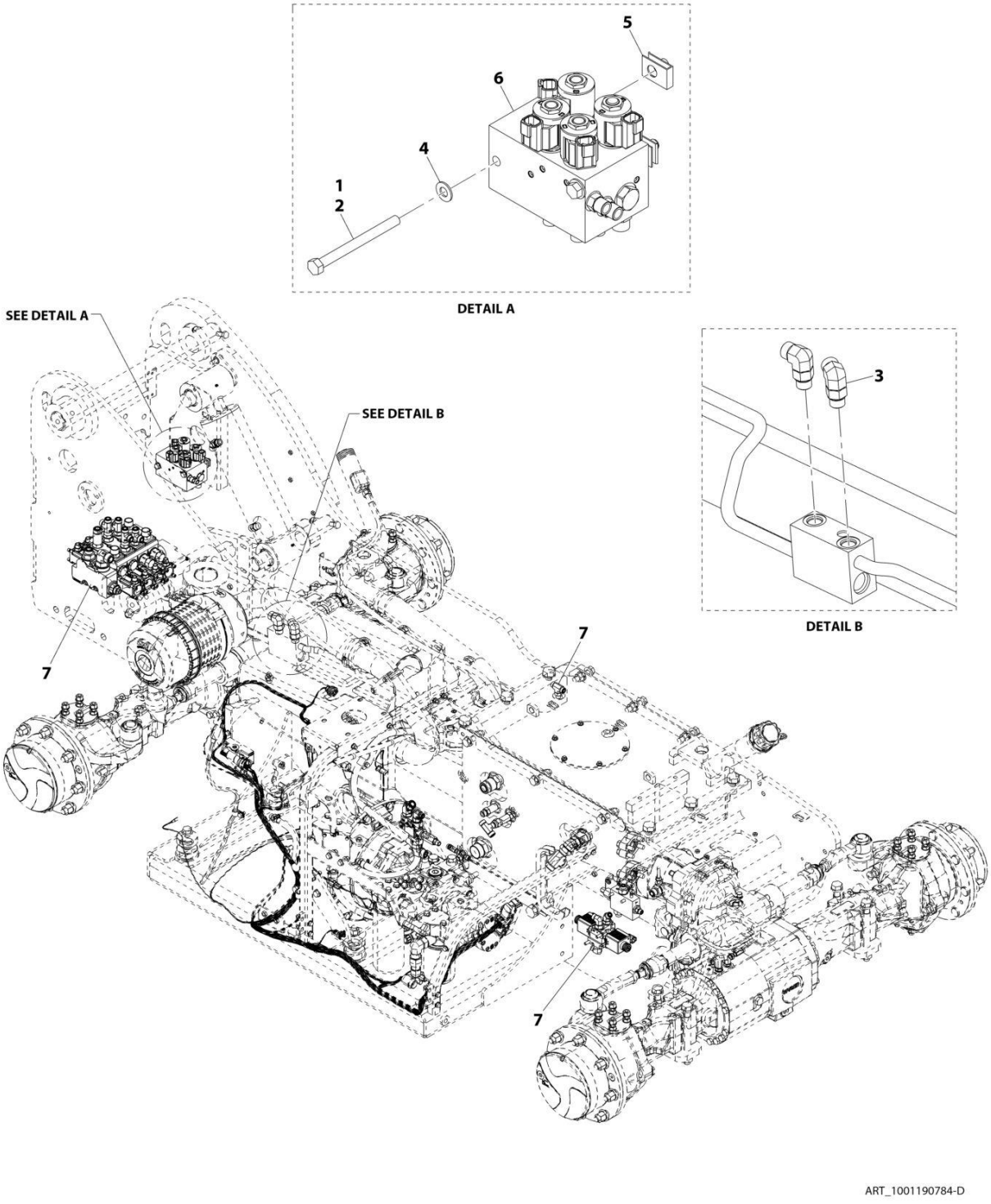


FIGURE 8-15. VALVE INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190784	Ref	Valve Installation (ANSI)	E
1	0100011	AR	Compound, Locking	
2	0641634	2	Capscrew 3/8 x 4-1/4	
3	2131010	2	Elbow, 90	
4	4711600	2	Washer 3/8	
5	88662523	2	Tinnerman Nut	
6	1001131099	1	Assembly, Pilot Select Valve (ANSI) (See Separate Breakdown in this Section)	
7	1001190692	1	Installation, Hydraulic Valve (See Separate Breakdown in this Section)	

FIGURE 8-16. VALVE INSTALLATION (CE)

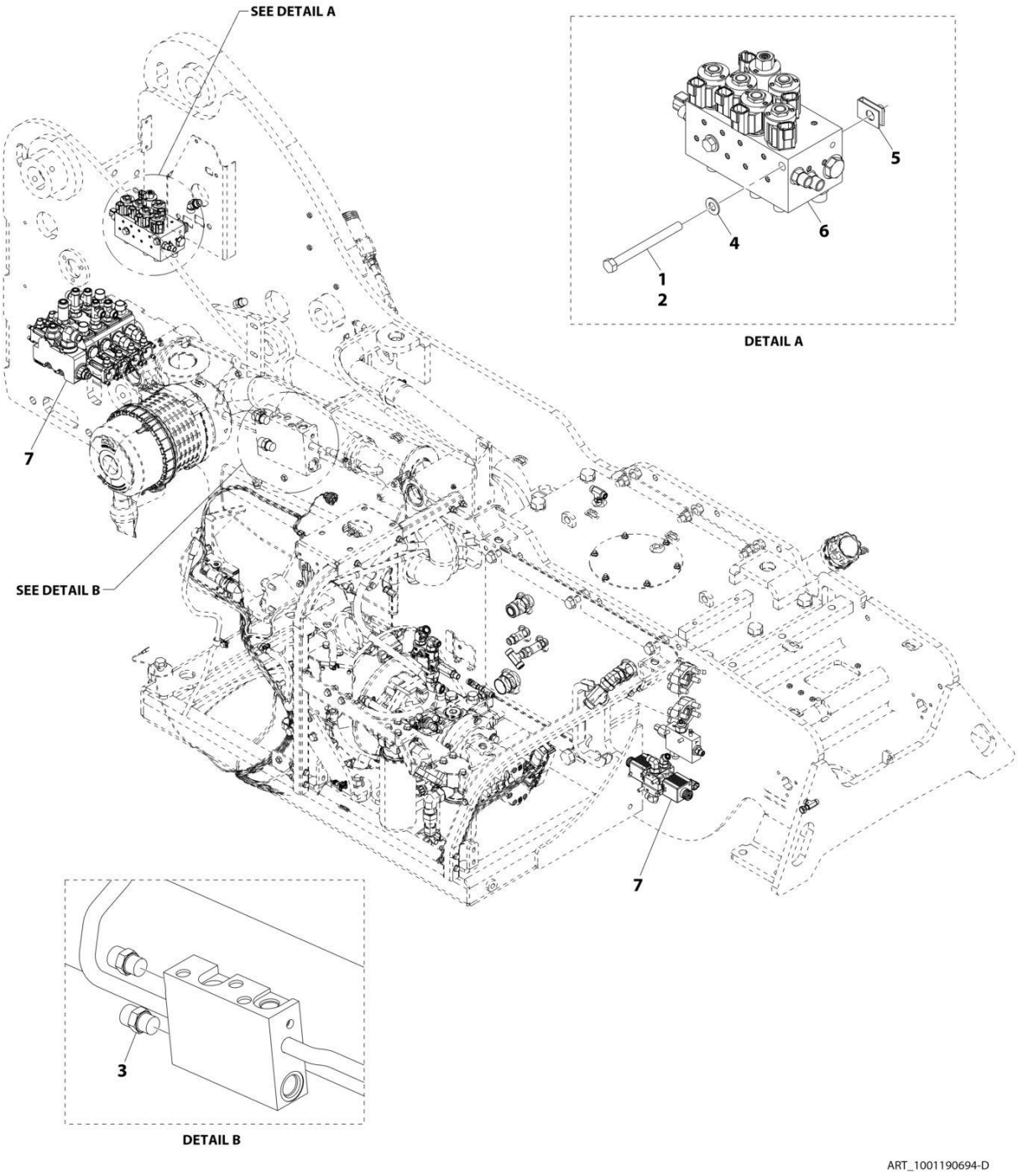


FIGURE 8-16. VALVE INSTALLATION (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190694	Ref	Valve Installation (CE)	D
1	0100011	AR	Compound, Locking	
2	0641634	2	Capscrew 3/8 x 4-1/4	
3	2111010	2	Adapter	
4	4711600	2	Washer 3/8	
5	88662523	2	Tinnerman Nut	
6	1001131098	1	Assembly, Pilot Select Valve (CE) (See Separate Breakdown in this Section)	
7	1001190692	1	Installation, Hydraulic Valve (See Separate Breakdown in this Section)	

FIGURE 8-17. VALVES INSTALLATION

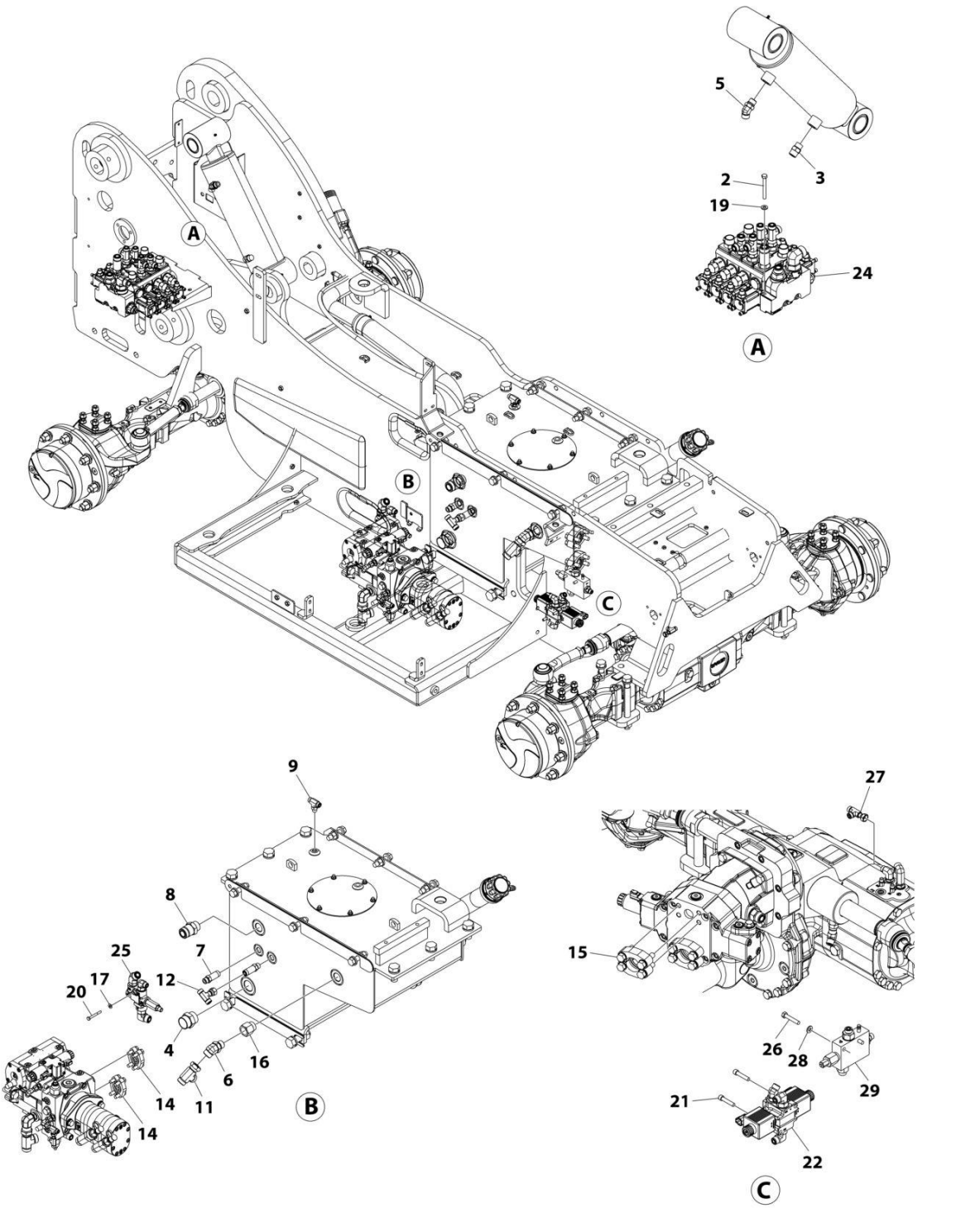
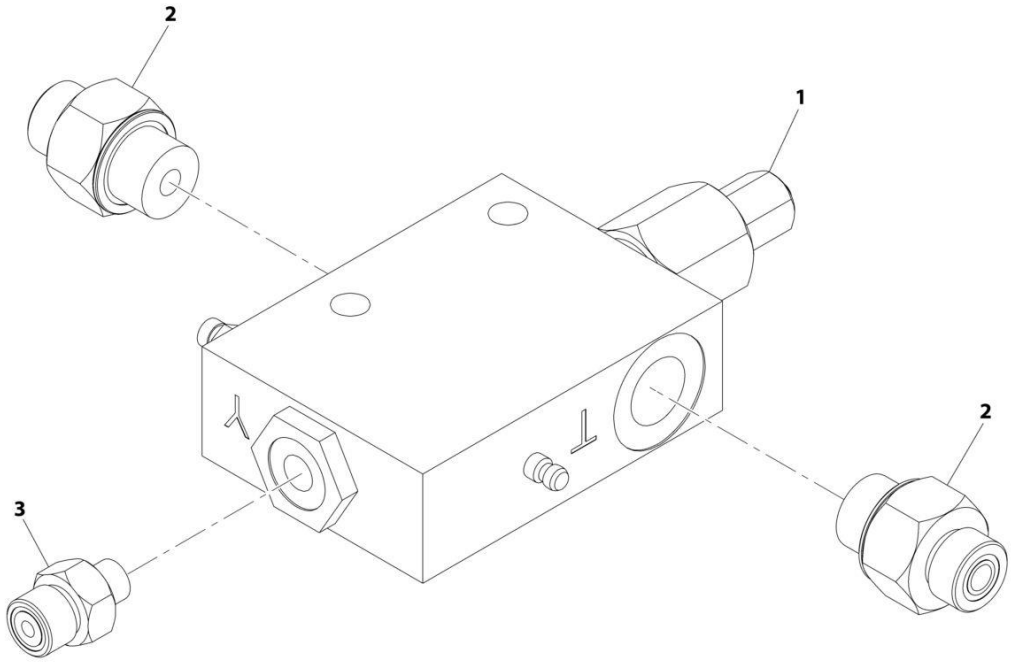


FIGURE 8-17. VALVES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190692	Ref	VALVES INSTALLATION	E
2	0641522	3	Bolt 5/16 x 2-3/4, GR5	
3	2110808	1	Fitting, Straight	
4	2112020	1	Fitting, Straight	
5	2150808	1	Fitting, 90 ORFS	
6	2151212	1	Fitting, 90 ORFS	
7	2170108	2	Adapter, Connector	
8	1001208854	1	Adapter, Connector	
9	2170406	1	Adapter, Run Tee	
11	2170712	1	Adapter, Run Tee	
12	2170808	1	Adapter, Branch Tee	
14	2171712	2	Flange Kit	
15	2171716	2	Flange Kit	
16	2220550	1	Fitting, Straight	
17	4711400	1	Washer 1/4	
19	4891500	3	Washer 5/16	
20	8303114	1	Bolt 1/4 x 2-1/4, GR5	
21	3931524	2	Capscrew 5/16 x 1-1/2, GR5	
22	1001080243	1	Assembly, Steering Select Valve (See Separate Breakdown in this Section)	
24	1001132338	1	Assembly, Main Control Valve (See Separate Breakdown in this Section)	
25	1001142155	1	Assembly, Priority Valve (See Separate Breakdown in this Section)	
26	0641514	2	Bolt 5/16 x 1-3/4, GR5	
27	2170704	1	Swivel Tee	
28	4711500	2	Washer 5/16	
29	1001080399	1	Assembly, Brake Valve (See Separate Breakdown in this Section)	

FIGURE 8-18. VALVE & FITTINGS ASSEMBLY - BRAKE

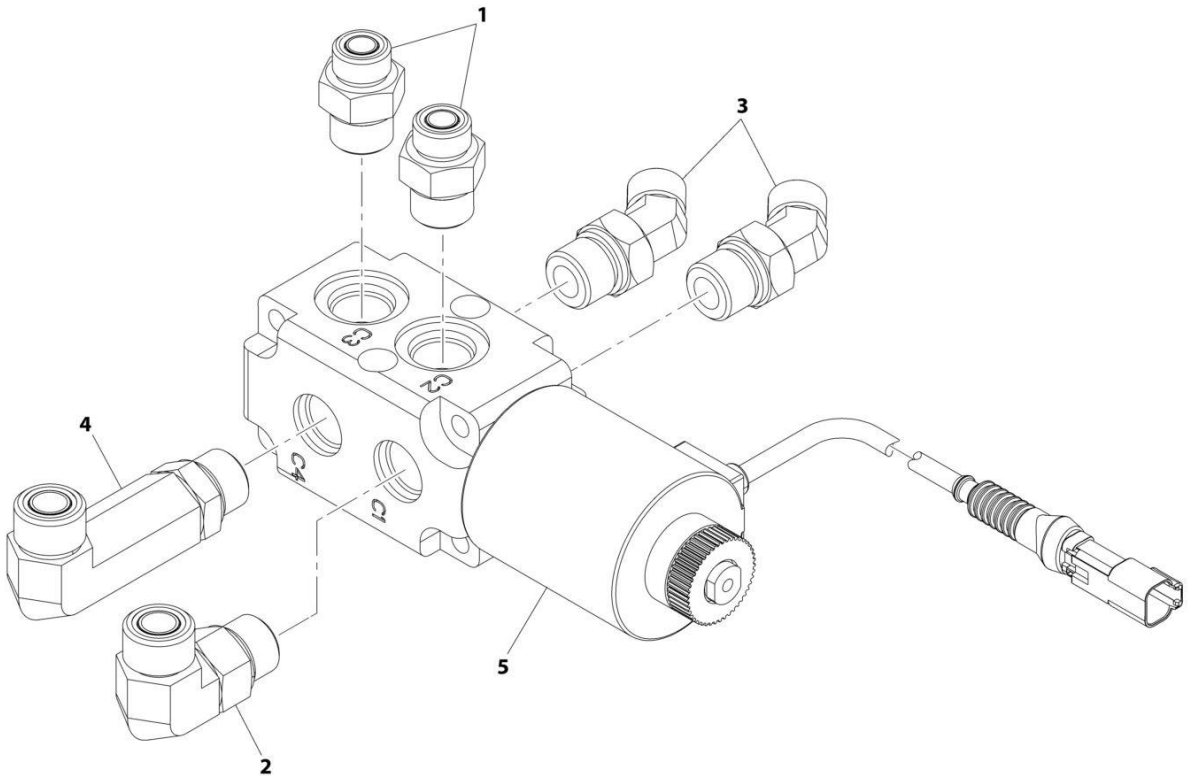


ART_1001080399-D

FIGURE 8-18. VALVE & FITTINGS ASSEMBLY - BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080399	Ref	Brake Valve Assembly	D
1	4641474	1	Brake Valve	
2	1001081333	2	Fitting	
3	1001081334	1	Fitting	

FIGURE 8-19. VALVE & FITTINGS ASSEMBLY - DIVERTER (REAR)



ART_1001135807-A

FIGURE 8-19. VALVE & FITTINGS ASSEMBLY - DIVERTER (REAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001135807	Ref	Rear Diverter Valve Assembly	A
1	2110810	2	Adapter	
2	2131010	1	Adapter, 90	
3	2150810	2	Adapter, 45	
4	2170210	1	Adapter, 90	
5	1001104477	1	Divertor Valve (See Separate Breakdown in this Section)	

FIGURE 8-20. VALVE ASSEMBLY - DIVERTER

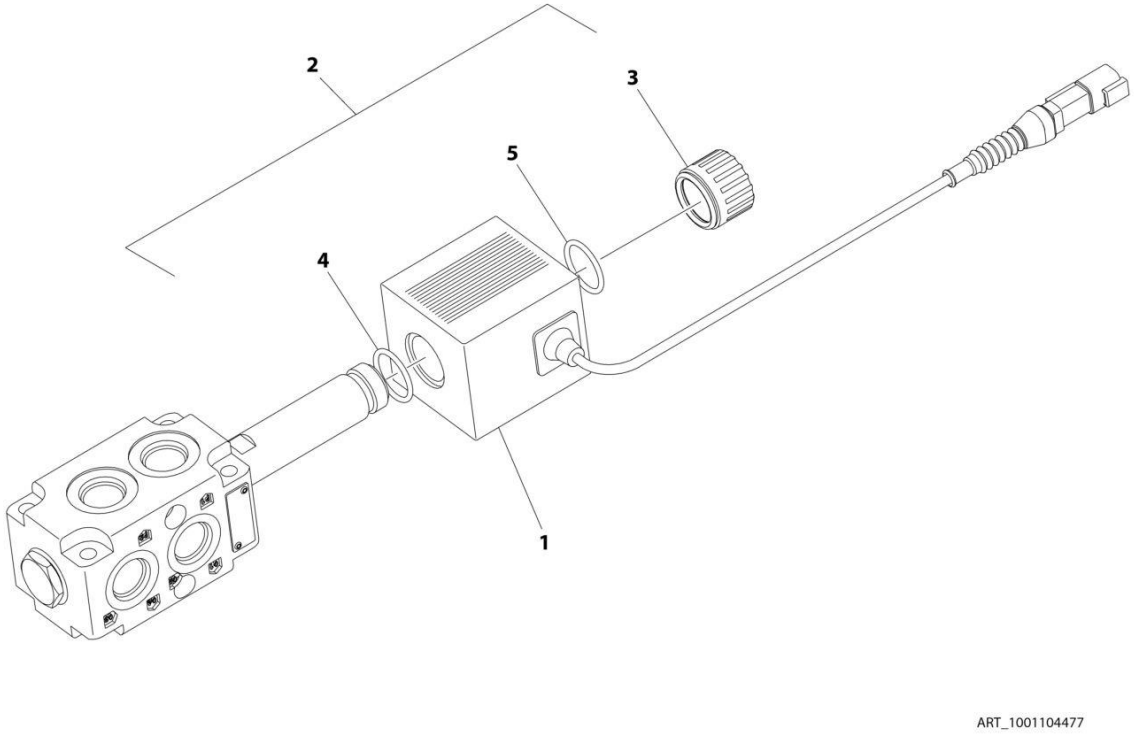


FIGURE 8-20. VALVE ASSEMBLY - DIVERTER

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

FIGURE 8-21. VALVE & FITTINGS ASSEMBLY - MAIN CONTROL

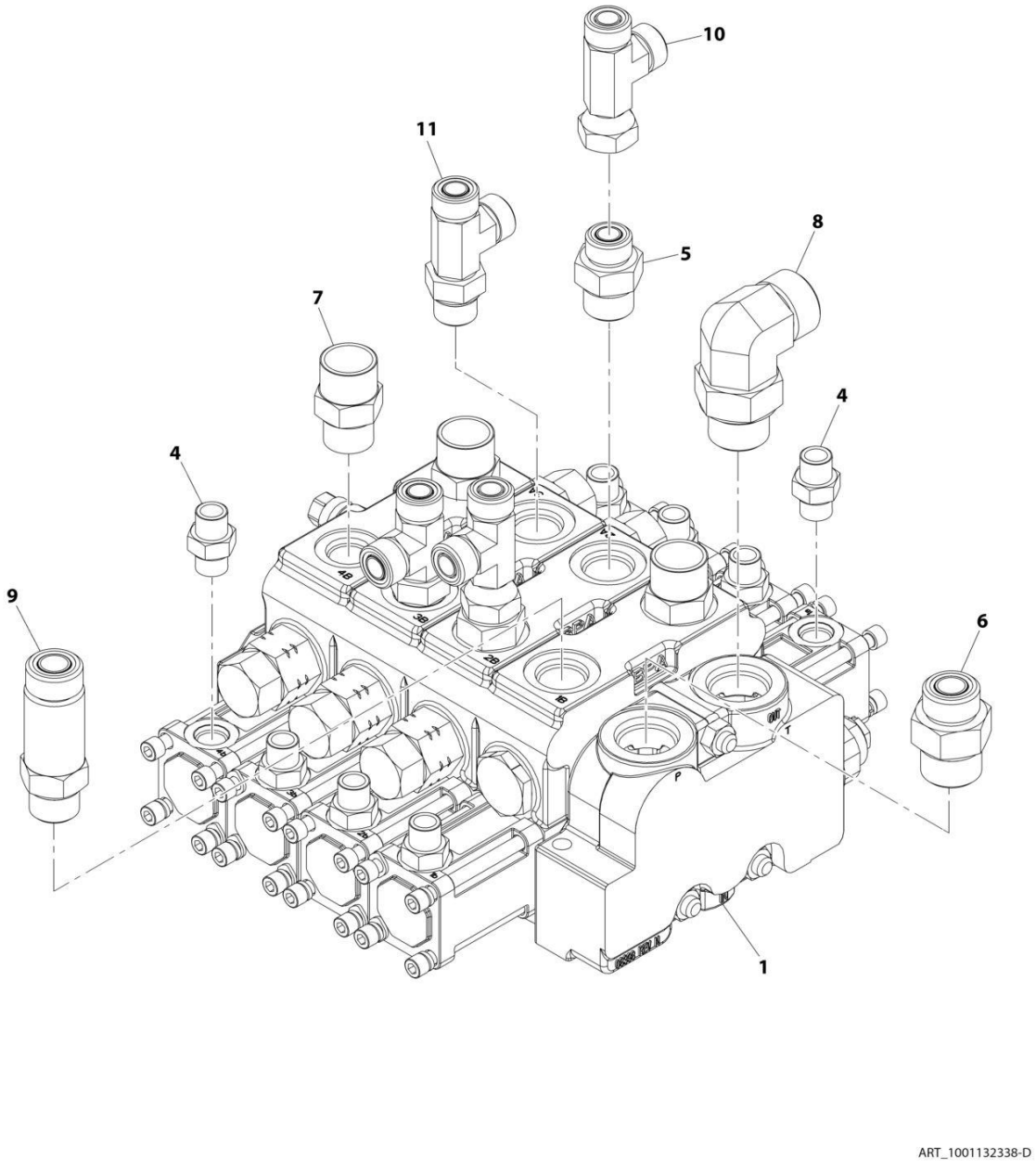


FIGURE 8-21. VALVE & FITTINGS ASSEMBLY - MAIN CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132338	Ref	Main Control Valve Assembly	D
1	1001080176	1	Valve, Main Control (W/Aux) (See Separate Breakdown in Hydraulic Componant Section)	
4	2110406	8	Straight Fitting	
5	2110810	2	Adapter	
6	2111012	1	Adapter, Connector	
7	2111010	3	Adapter	
8	2131212	1	Adapter, 90	
9	2170110	1	Straight Fitting	
10	2170708	2	Swivel Tee	
11	2170308	2	Tee Fitting	

FIGURE 8-22. VALVE & FITTINGS ASSEMBLY - PARK BRAKE

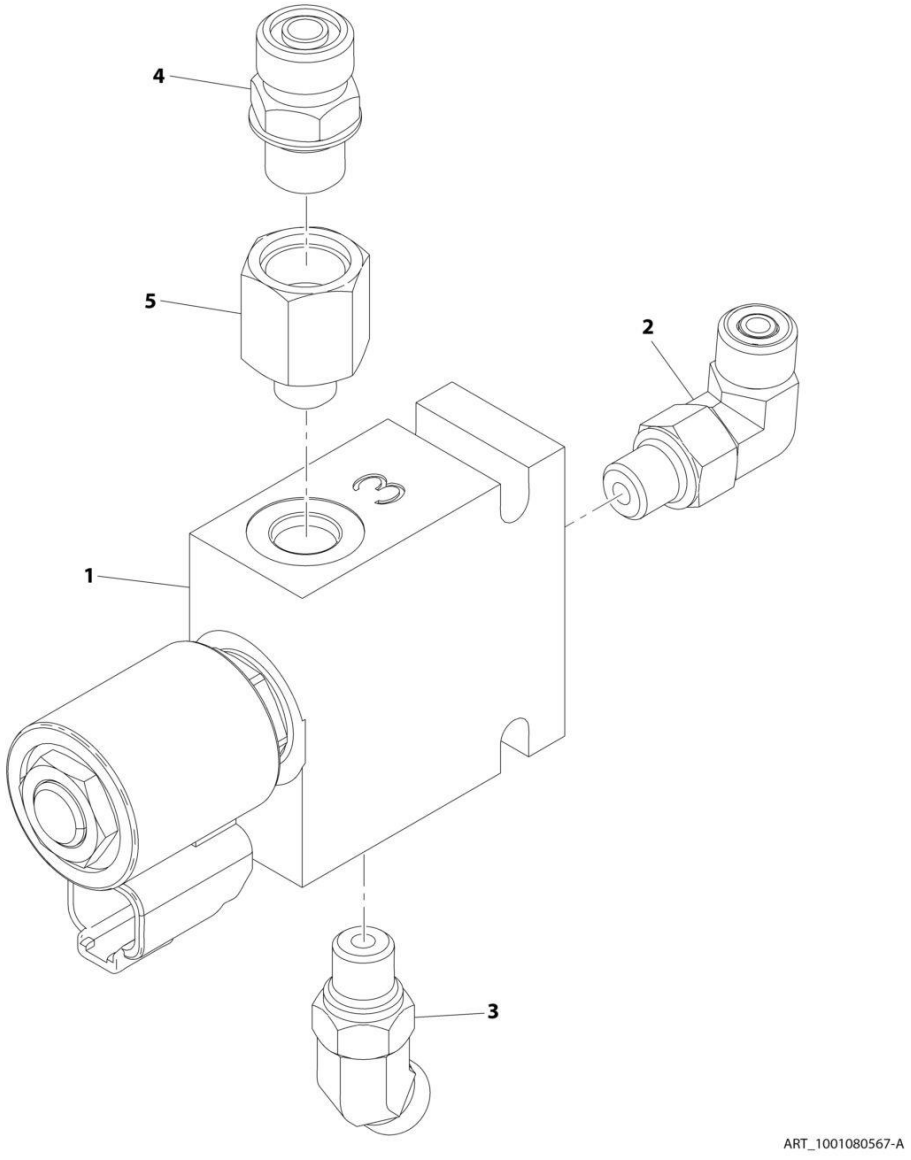


FIGURE 8-22. VALVE & FITTINGS ASSEMBLY - PARK BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080567	Ref	Park Brake Valve Assembly	B
1	1001292174	1	Valve, Park Brake Release (See Separate Breakdown in Hydraulic Components Section)	
2	2130406	1	Fitting, 90 ORFS	
3	2150406	1	Fitting, 90 ORFS	
4	80333184	1	Fitting, Straight	

FIGURE 8-23. VALVE & FITTINGS ASSEMBLY - PILOT (ANSI)

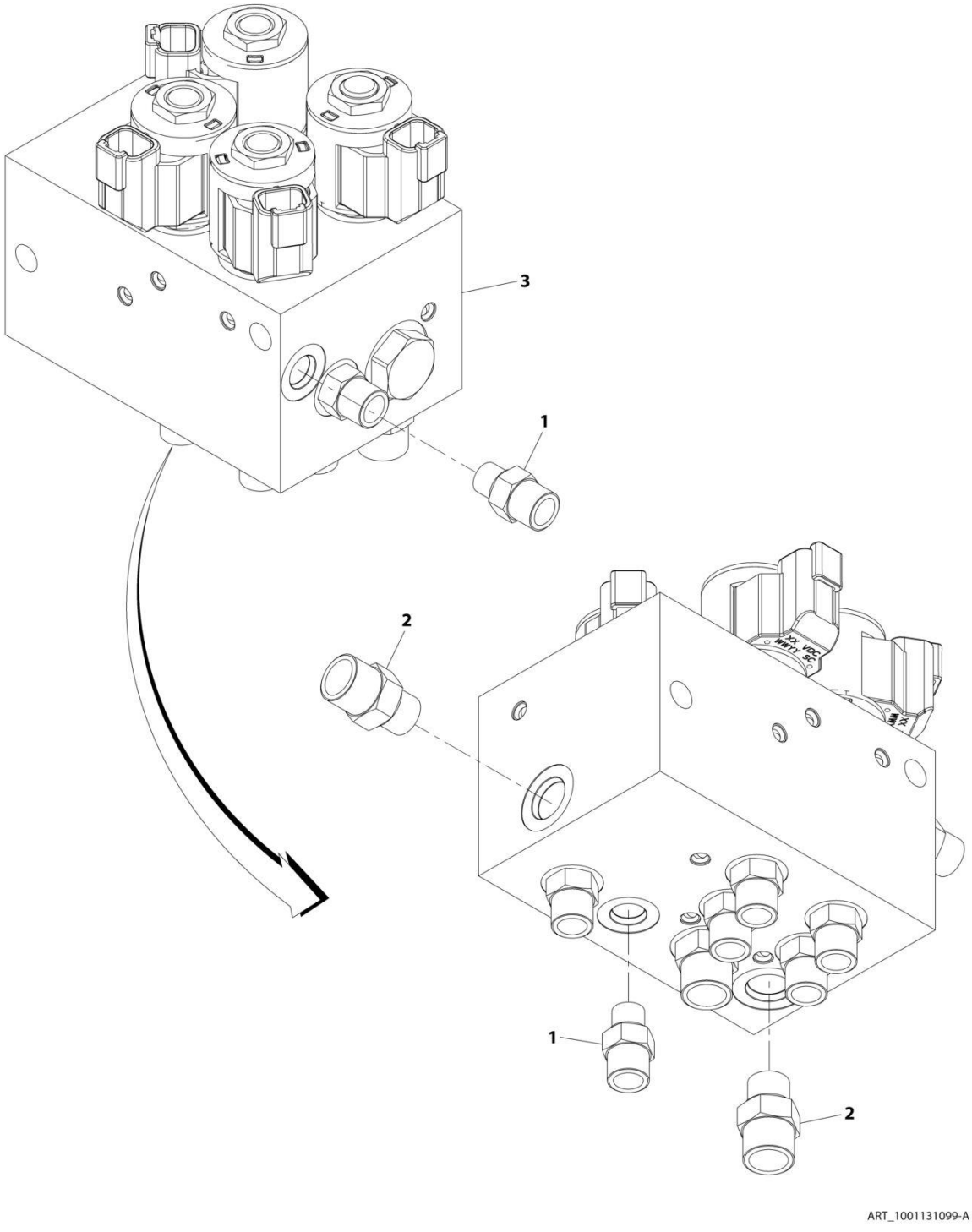


FIGURE 8-23. VALVE & FITTINGS ASSEMBLY - PILOT (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131099	Ref	Pilot Select Valve Assembly (ANSI)	A
1	2110404	8	Adapter, Connector	
2	2110606	3	Adapter, Connector	
3	1001130178	1	Pilot Select Valve (ANSI) (See Separate Breakdown in this Section)	

FIGURE 8-24. VALVE & FITTINGS ASSEMBLY - PILOT (CE)

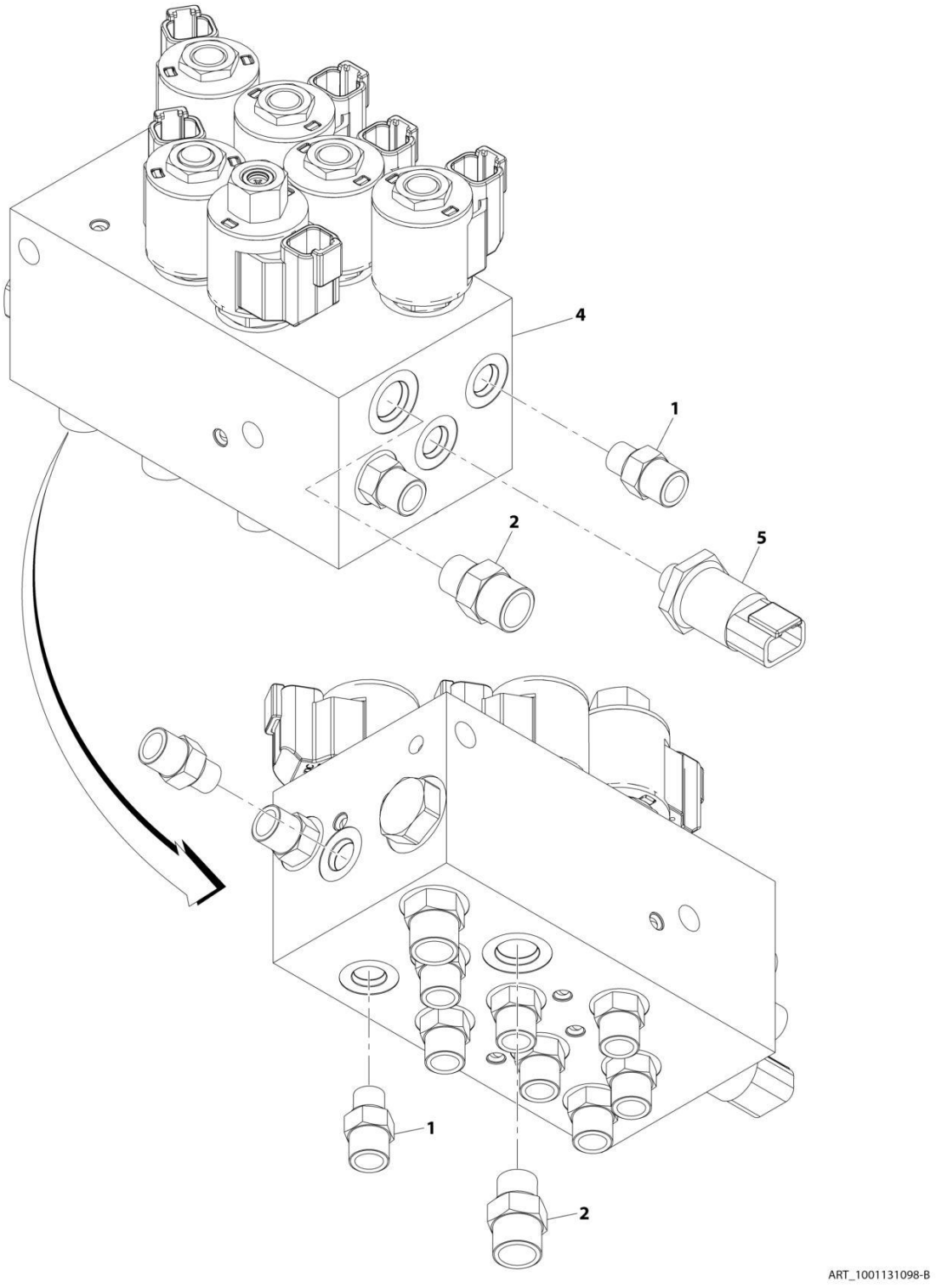


FIGURE 8-24. VALVE & FITTINGS ASSEMBLY - PILOT (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001131098	Ref	Pilot Select Valve Assembly (CE)	B
1	2110404	12	Straight Fitting	
2	2110606	3	Straight Fitting	
4	1001132342	1	Valve, Pilot Select (CE) (See Separate Breakdown in this Section)	
5	1001132795	1	Pressure Sensor	

FIGURE 8-25. VALVE ASSEMBLY - PILOT (ANSI)

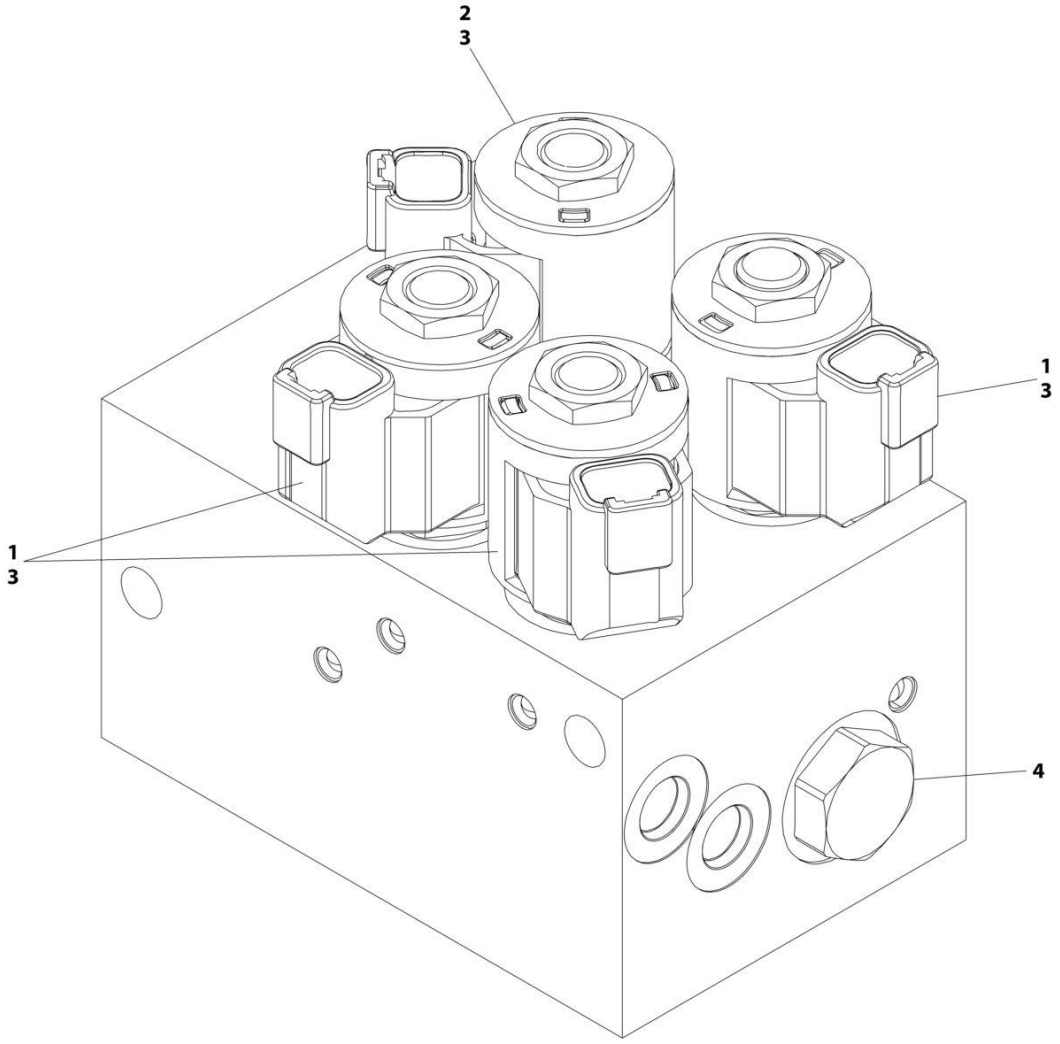


FIGURE 8-25. VALVE ASSEMBLY - PILOT (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001130178	Ref	Pilot Select Valve (ANSI)	A
1	1101244	3	Directional Valve	
1	8033761	3	Seal Kit	
2	70023946	1	Directional Valve	
3	70002386	4	Coil	
4	10837580	1	Load Sense Check Valve	
4	7010543	1	Seal Kit	

FIGURE 8-26. VALVE ASSEMBLY - PILOT (CE)

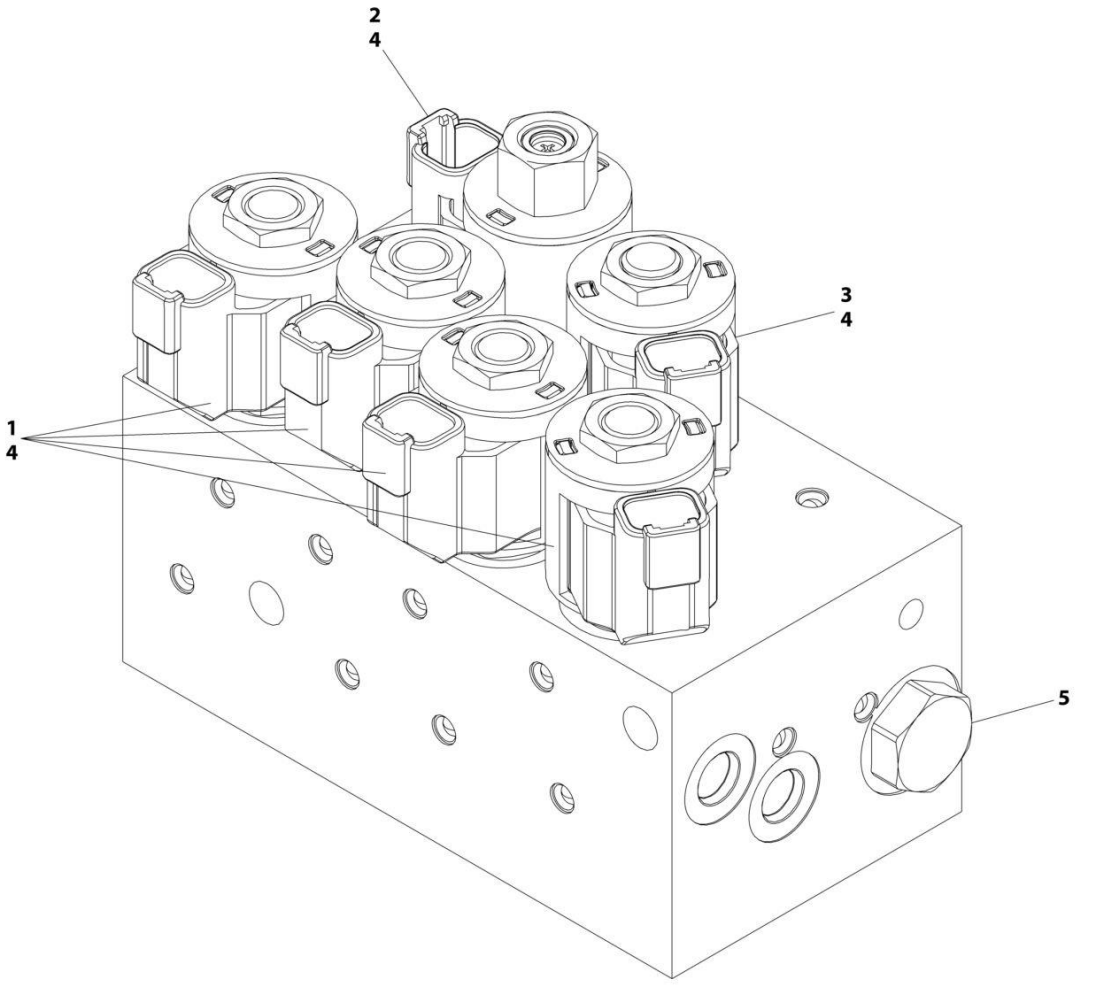


FIGURE 8-26. VALVE ASSEMBLY - PILOT (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132342	Ref	Pilot Select Valve (CE)	A
1	1101244	4	Directional Valve	
1	8033761	4	Seal Kit	
2	70023945	1	Proportional Valve	
3	70023946	1	Directional Valve	
4	70002386	6	Coil	
5	10837580	1	Load Sense Check Valve	
5	7010543	1	Seal Kit	
6	70002064	1	Orifice, 0.047 In	

FIGURE 8-27. VALVE & FITTINGS ASSEMBLY - PRIORITY

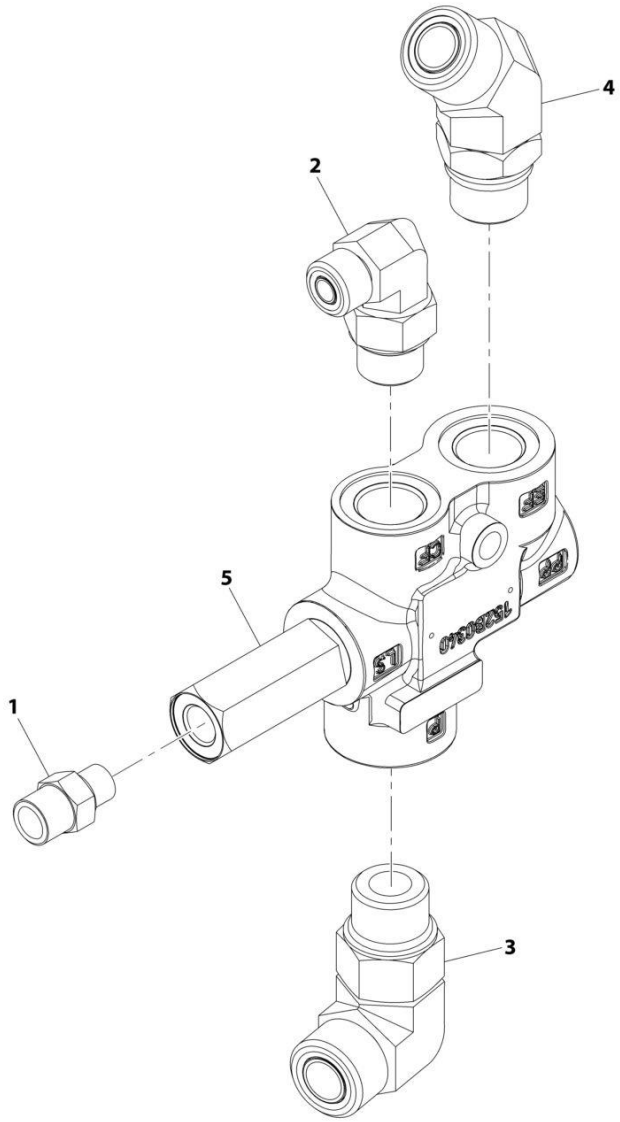


FIGURE 8-27. VALVE & FITTINGS ASSEMBLY - PRIORITY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142155	Ref	Priority Valve Assembly	A
1	2110404	1	Adapter, Connector	
2	2130608	1	Adapter, 90	
3	2131010	1	Adapter, 90	
4	2151010	1	Adapter, 45	
5	1001080143	1	Priority Valve	

FIGURE 8-28. VALVE & FITTINGS ASSEMBLY - STEERING

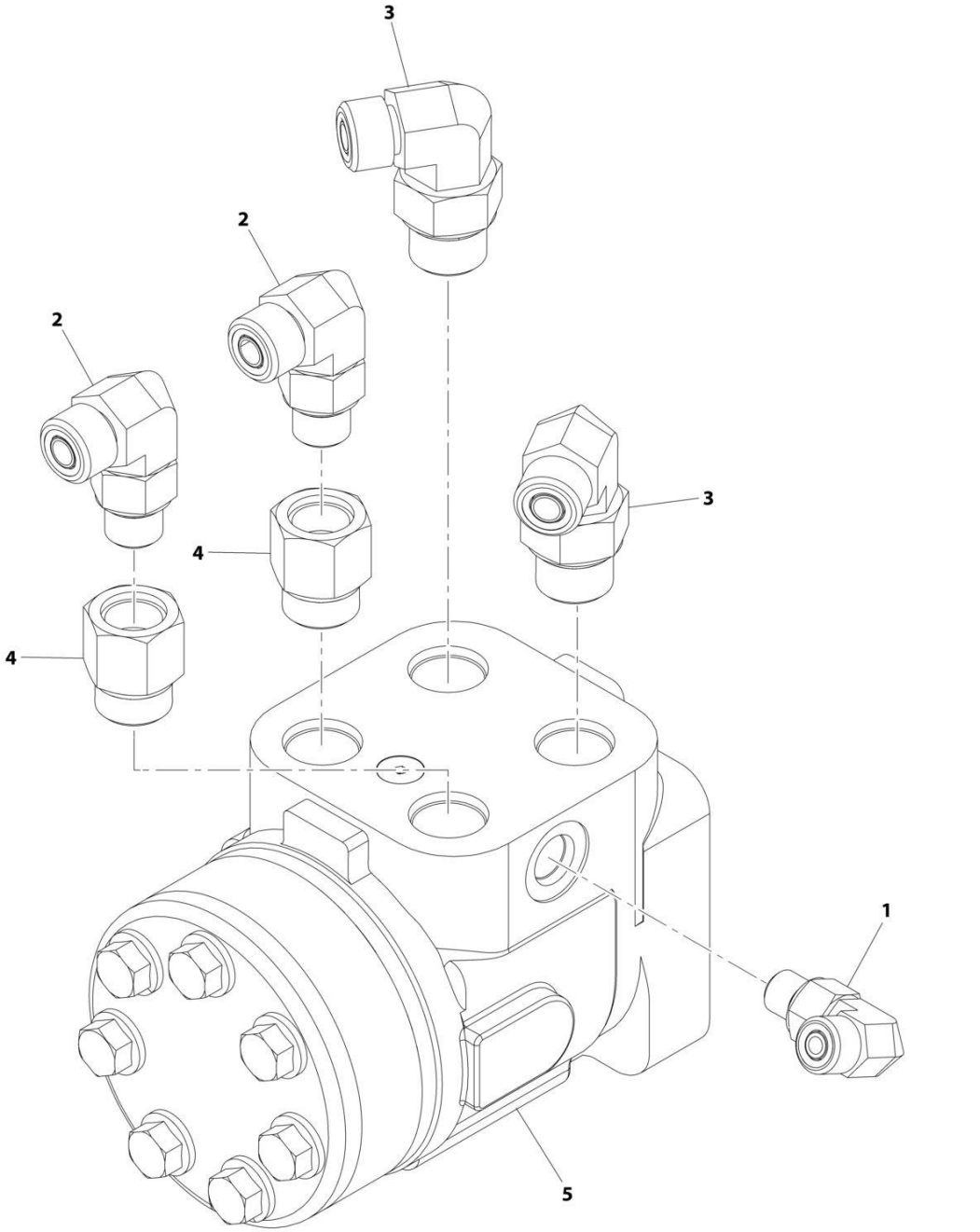
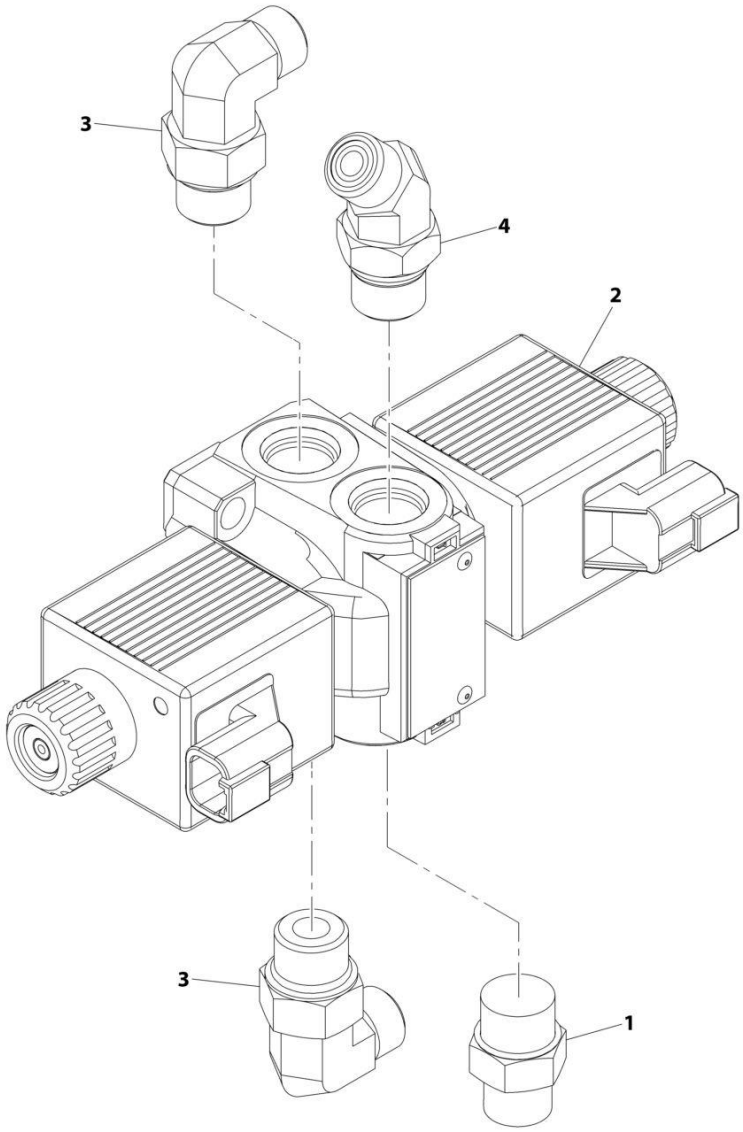


FIGURE 8-28. VALVE & FITTINGS ASSEMBLY - STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202006	Ref	Steering Valve Assembly	A
1	2130404	1	Adapter, 90	
2	2130606	2	Adapter, 90	
3	2130608	2	Adapter, 90	
4	2220591	2	Adapter, Connector	
5	1001194017	1	Orbital Steering Valve	

FIGURE 8-29. VALVE & FITTINGS ASSEMBLY - STEERING SELECT



ART_1001080243-F

FIGURE 8-29. VALVE & FITTINGS ASSEMBLY - STEERING SELECT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080243	Ref	Steering Select Valve Assembly	F
1	2110608	1	Adapter	
2	1001153748	1	Steering Select Valve (See Separate Breakdown in Hydraulic Component Section)	
3	2130608	2	Adapter, 90	
4	2150608	1	Adapter, 45	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER INSTALLATION - BOOM (ANSI)

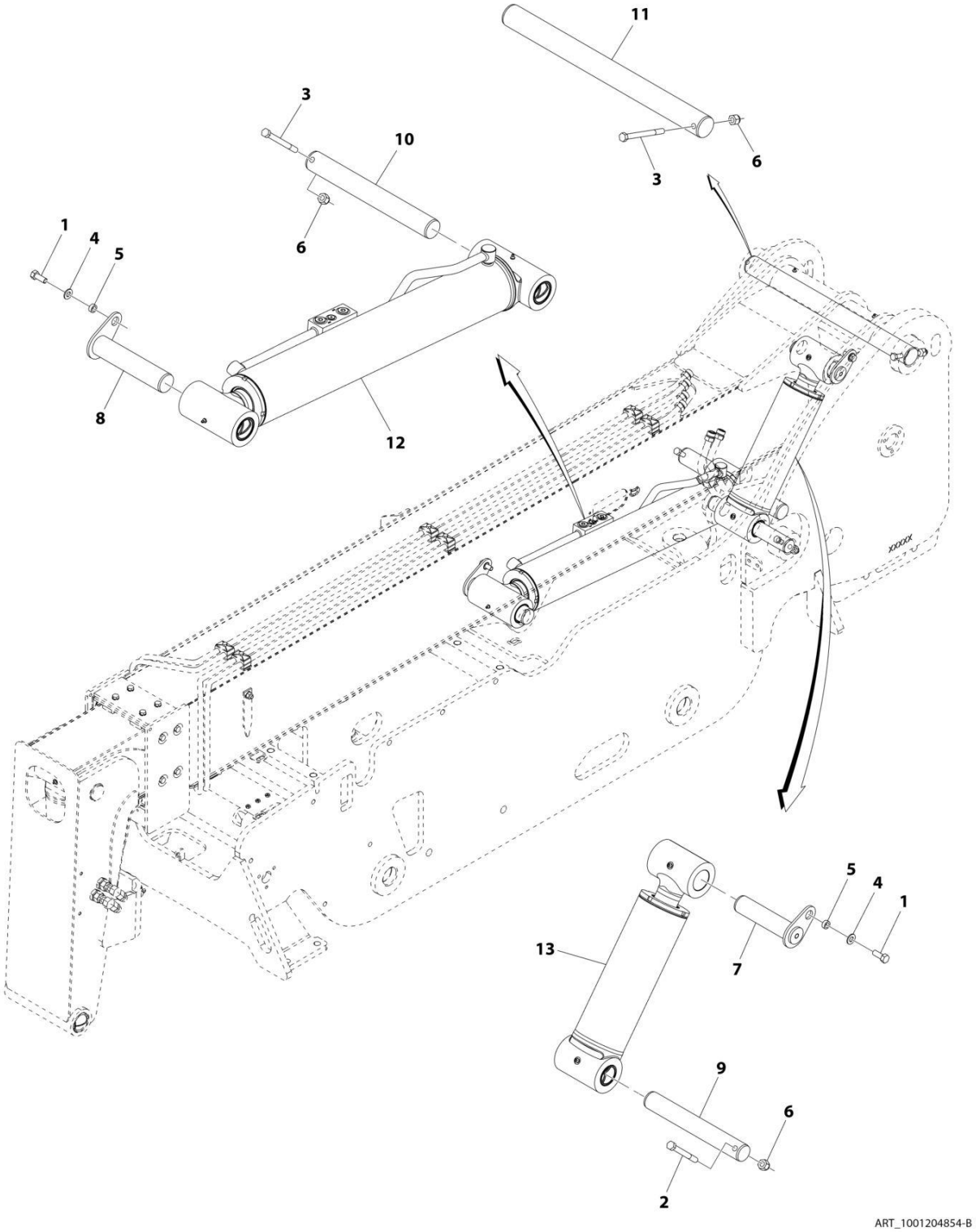


FIGURE 9-1. CYLINDER INSTALLATION - BOOM (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204854	Ref	Boom Cylinder Installation (ANSI)	B
1	0641810	2	Hex HD Capscrew, 1/2-13X5/4	
2	0681836	1	Hex HD Capscrew, 1/2-13X9/2	
3	0681844	2	Hex HD Capscrew, 1/2-13X11/2	
4	4711800	2	Plain Washer, 1/2	
5	7139886	2	Pin Retention Spacer	
6	88521208	3	Locknut, 1/2-13	
7	1001080154	1	Cylinder Rod Pin	
8	1001080155	1	Cylinder Rod Pin	
9	1001080312	1	Cylinder Base Pin	
10	1001080313	1	Cylinder Base Pin	
11	1001080314	1	Boom Pivot Pin	
12	1001225578	1	Lift Cylinder (See Separate Breakdown in this Section)	
13	1001200580	1	Compensation Cylinder (See Separate Breakdown in this Section)	

FIGURE 9-2. CYLINDER INSTALLATION - BOOM (CE)

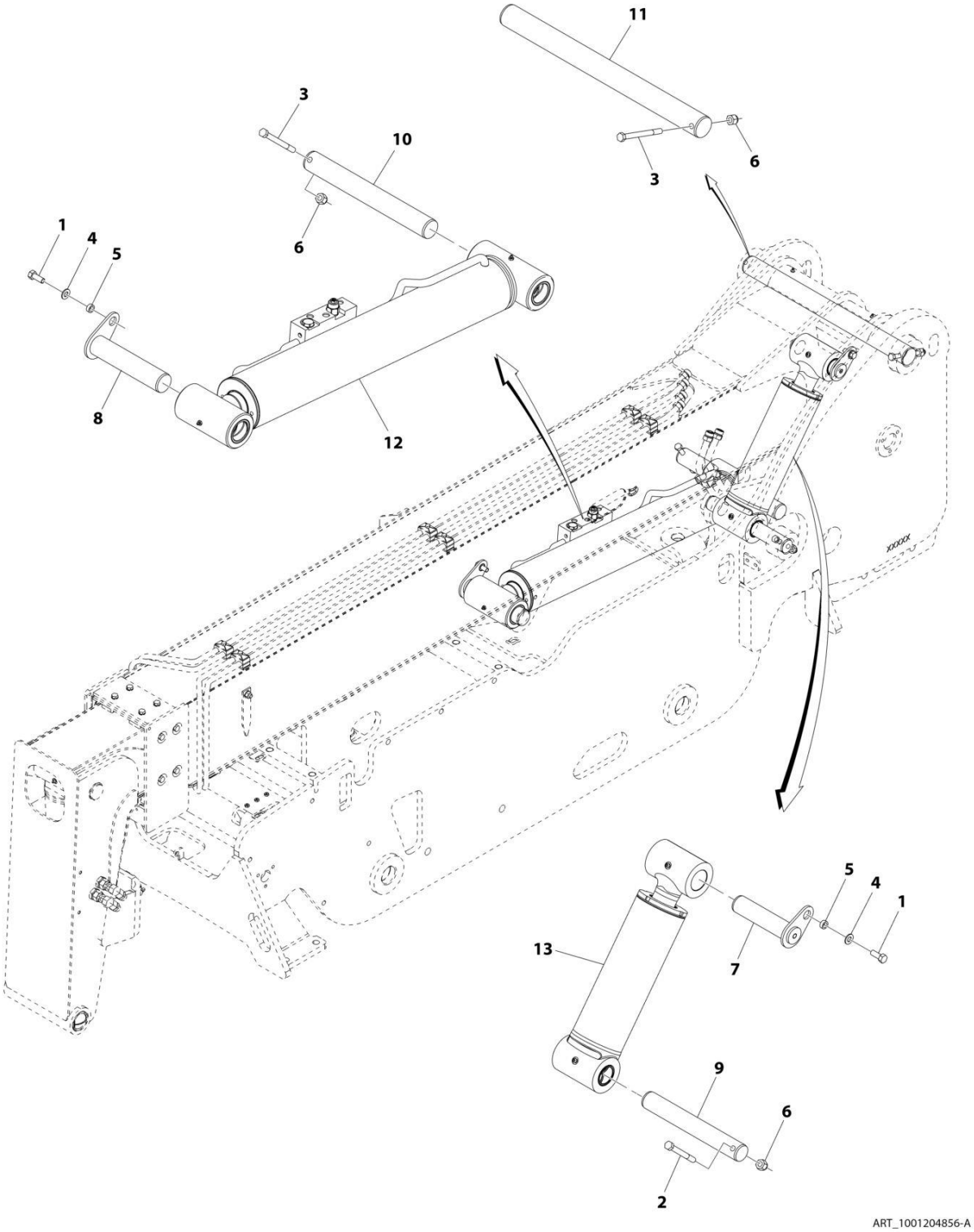


FIGURE 9-2. CYLINDER INSTALLATION - BOOM (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204856	Ref	Boom Cylinder Installation (CE)	A
1	0641810	2	Hex HD Capscrew, 1/2-13X5/4	
2	0681836	1	Hex HD Capscrew, 1/2-13X9/2	
3	0681844	2	Hex HD Capscrew, 1/2-13X11/2	
4	4711800	2	Plain Washer, 1/2	
5	7139886	2	Pin Retention Spacer	
6	88521208	3	Locknut, 1/2-13	
7	1001080154	1	Cylinder Rod Pin	
8	1001080155	1	Cylinder Rod Pin	
9	1001080312	1	Cylinder Base Pin	
10	1001080313	1	Cylinder Base Pin	
11	1001080314	1	Boom Pivot Pin	
12	1001132210	1	Lift Cylinder Assembly (See Separate Breakdown in this Section)	
13	1001200580	1	Compensation Cylinder (See Separate Breakdown in this Section)	

FIGURE 9-3. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT

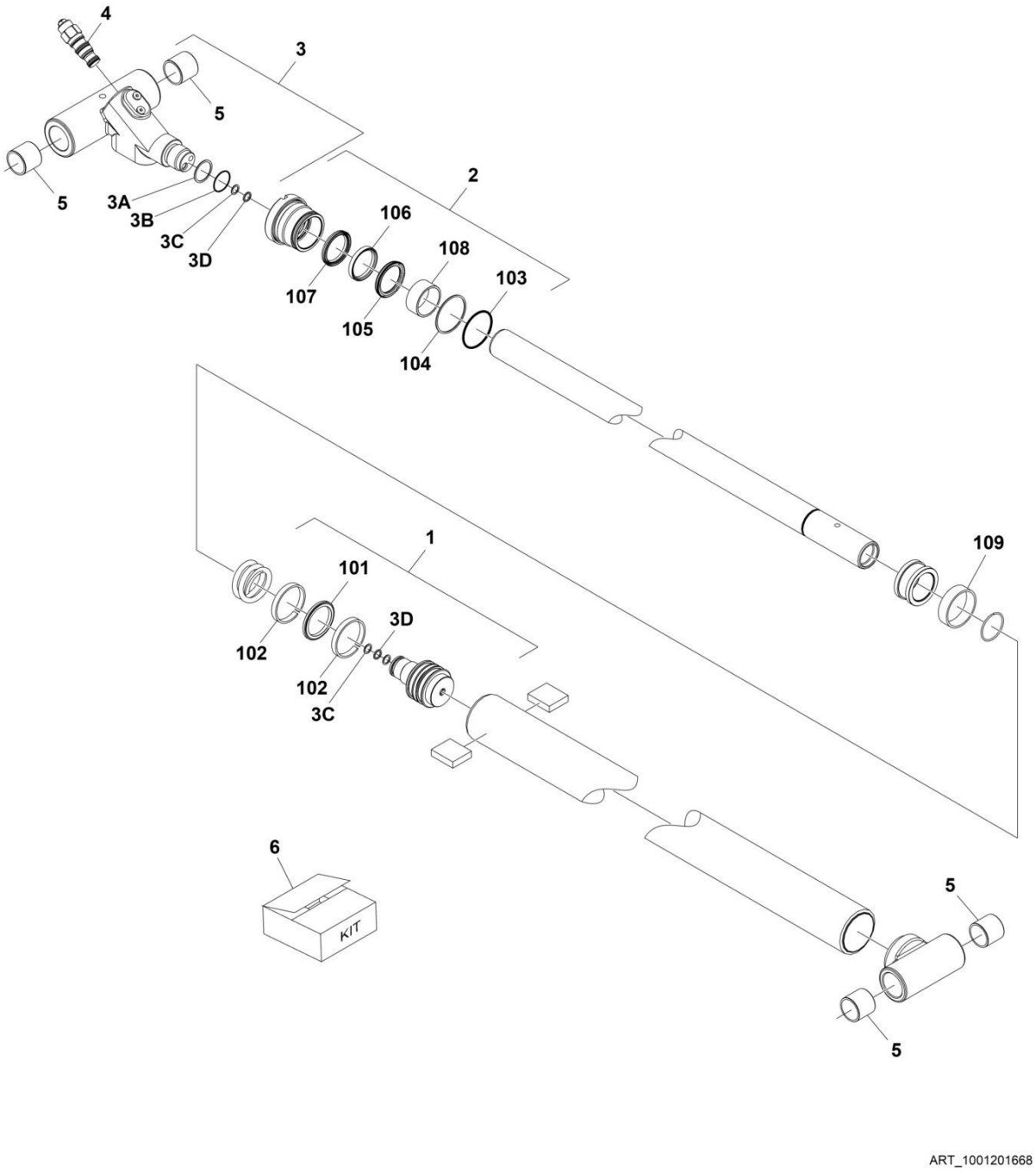


FIGURE 9-3. CYLINDER ASSEMBLY - BOOM EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201668	Ref	EXTEND/RETRACT CYLINDER	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027610	1	Piston Assembly (Includes Items 101 & 102)	
2	70027611	1	Retainer Assembly (Includes Items 103-108)	
3	70027612	1	Rod Assembly	
3A	70030368	1	Ring, Back up	
3B	70030369	1	O-Ring	
3C	70030370	1	O-Ring	
3D	70030371	1	Ring, Back up	
4	70020376	1	Valve, Counter Balance	
5	70029975	4	Bearing	
6	70027638	1	Seal Kit (Includes Items 101-109)	
101	Kit	1	Seal, Piston	
102	Kit	2	Ring, Wear	
103	Kit	1	O-Ring	
104	Kit	1	Ring, Back Up	
105	Kit	1	Ring, Buffer	
106	Kit	1	Seal, Rod	
107	Kit	1	Wiper	
108	Kit	1	Bushing	
109	Kit	1	Ring, Wear	

FIGURE 9-4. CYLINDER ASSEMBLY - BOOM LIFT (ANSI)

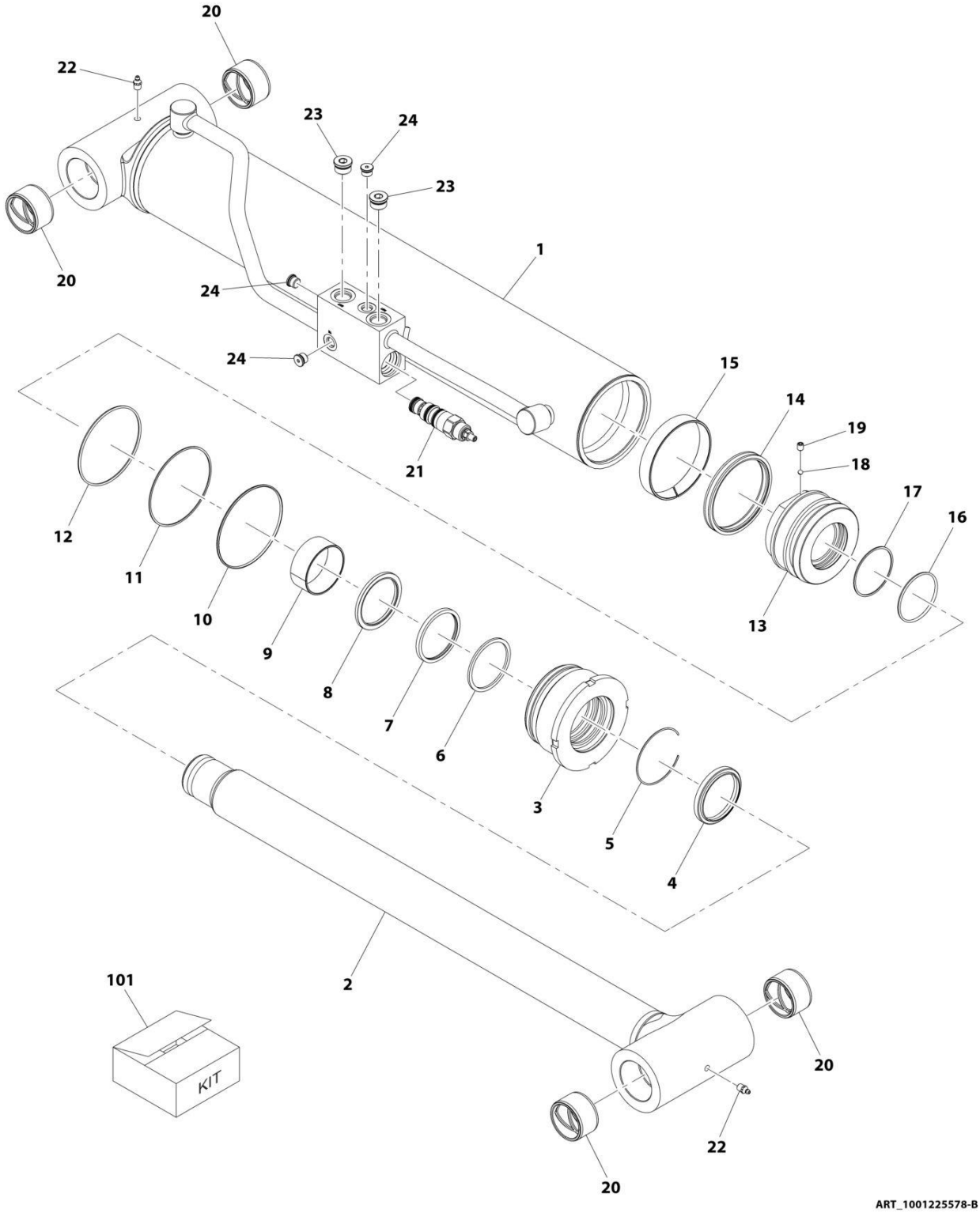


FIGURE 9-4. CYLINDER ASSEMBLY - BOOM LIFT (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225578	Ref	Lift Cylinder, ANSI	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027260	1	Tube Assembly	
2	70027261	1	Rod Assembly	
3	70027256	1	Gland	
4	Kit	1	Dust Wiper	
5	70027259	1	Retain Ring	
6	Kit	1	Rod Seal	
7	Kit	1	Back-Up Ring	
8	Kit	1	Buffer Ring	
9	Kit	1	Dry Bearing	
10	Kit	1	O-Ring	
11	Kit	1	Back-Up Ring	
12	Kit	1	O-Ring	
13	70027257	1	Piston	
14	Kit	1	Piston Seal	
15	Kit	1	Wear Ring	
16	Kit	1	O-Ring	
17	Kit	1	Back-Up Ring	
18	70022564	1	Steel Ball	
19	70023369	1	Set Screw	
20	70027251	4	Bushing	
21	70028856	1	Counterbalance Valve	
22	70026308	2	Grease Nipple	
23	70005433	2	Hex Plug	
24	2220885	3	Hex Plug	
101	70027262	1	Seal Kit (includes items 4, 6 thru 12, 14 thru 17)	

FIGURE 9-5. CYLINDER ASSEMBLY - BOOM LIFT (CE)

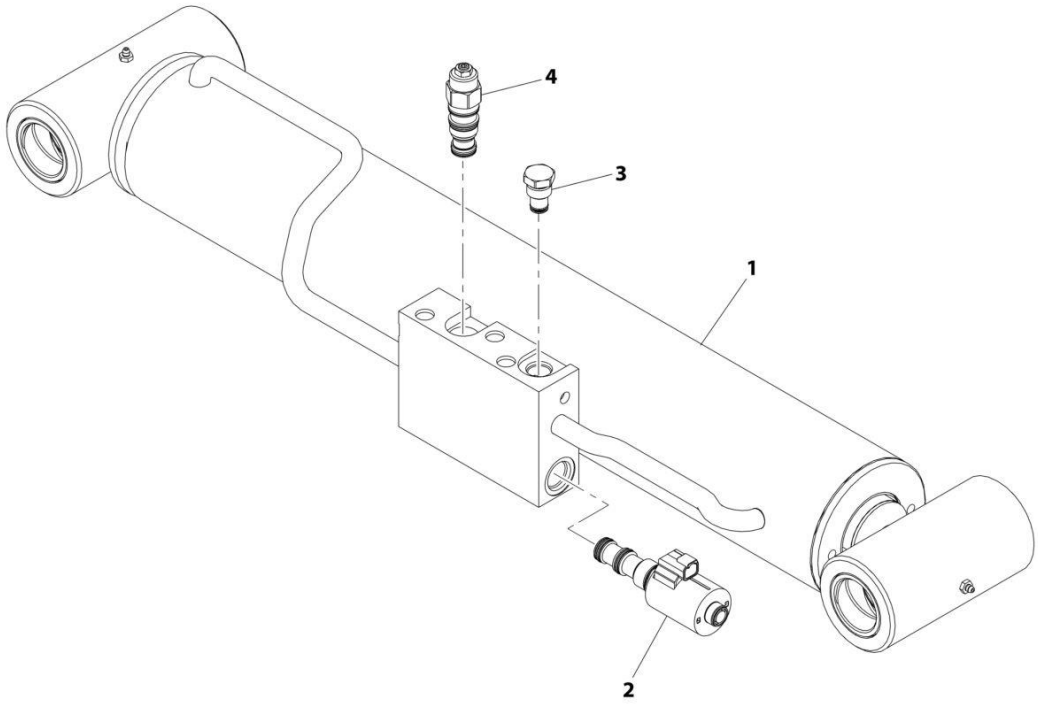


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FIGURE 9-5. CYLINDER ASSEMBLY - BOOM LIFT (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132210	Ref	Lift Cylinder Assembly, CE	A
1	1001132161	1	Lift Cylinder, CE (See Separate Breakdown in this Section)	
2	1001132207	1	Flow Control Valve	
3	1001132208	1	Check Valve	
4	1001132209	1	Counterbalance Valve	

FIGURE 9-6. CYLINDER ASSEMBLY - BOOM LIFT (CE)

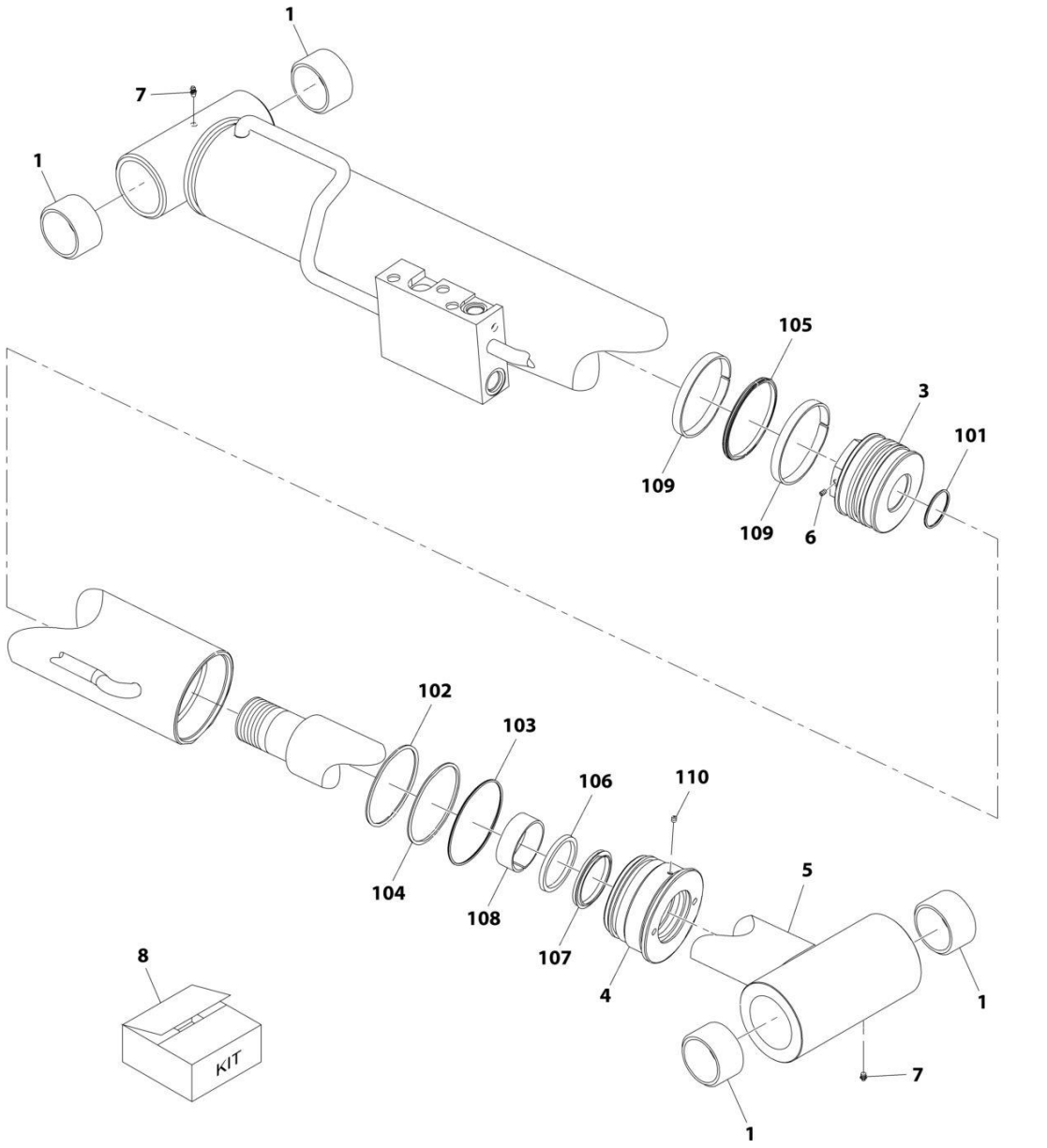

FIGURE 9-6. CYLINDER ASSEMBLY - BOOM LIFT (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132161	Ref	Lift Cylinder, CE	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70020370	4	Bushing	
3	70020372	1	Piston	
4	70020373	1	Head Gland	
5	70023974	1	Cylinder Rod	
6	8036629	3	Set Screw	
7	70020375	2	Grease Fitting	
8	70020377	1	Seal Kit	
101	Kit	1	O-Ring	
102	Kit	1	O-Ring	
103	Kit	1	O-Ring	
104	Kit	1	Backup Ring	
105	Kit	1	Piston Seal	
106	Kit	1	Rod Seal	
107	Kit	1	Rod Wiper	
108	Kit	1	Wearband	
109	Kit	2	Wearband	
110	Kit	2	Locking Insert	

FIGURE 9-7. CYLINDER ASSEMBLY - CARRIAGE TILT

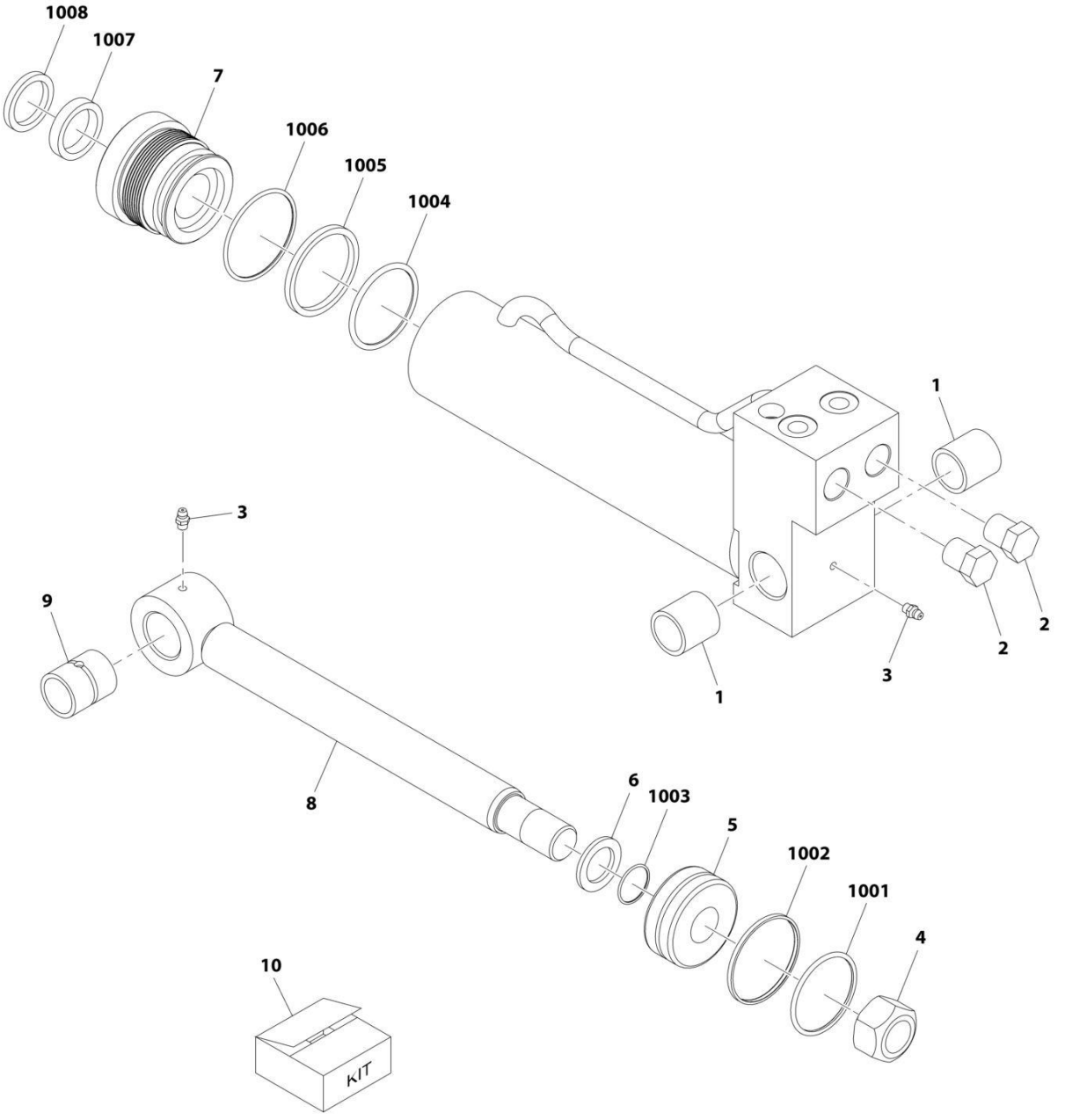

FIGURE 9-7. CYLINDER ASSEMBLY - CARRIAGE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021363	Ref	Side Tilt Carriage Cylinder	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70021448	2	Bushing	
2	70021464	2	Valve Cartridge	
3	90554045	2	Grease Fitting	
4	70021440	1	Nut	
5	70021451	1	Piston	
6	70021444	1	Washer	
7	70021446	1	Gland	
8	70029441	1	Rod	
9	70021447	1	Bushing	
10	70021452	1	Seal Kit, (includes items 1001 thru 1008)	
1001	Kit	1	Piston Ring	
1002	Kit	1	O-Ring	
1003	Kit	1	O-Ring	
1004	Kit	1	O-Ring	
1005	Kit	1	Back-Up Ring	
1006	Kit	1	O-Ring	
1007	Kit	1	Polypak,Type B	
1008	Kit	1	Rod Wiper	

FIGURE 9-8. CYLINDER ASSEMBLY - COMPENSATION

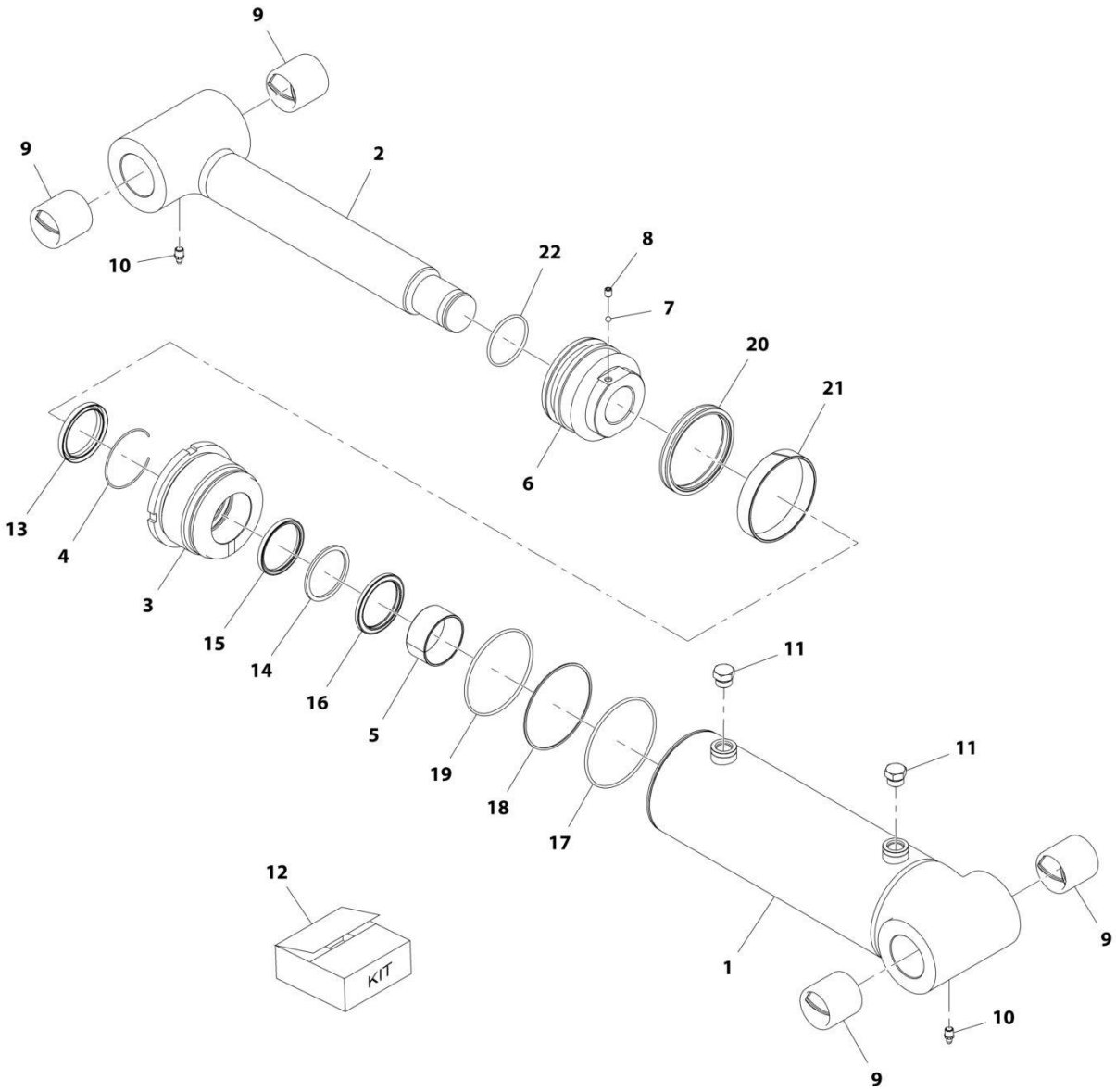

FIGURE 9-8. CYLINDER ASSEMBLY - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200580	Ref	Compensation Cylinder	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027246	1	Barrel Assembly	
2	70027247	1	Rod Assembly	
3	70027242	1	Gland	
4	70027244	1	Retain Ring	
5	70004637	1	Dry Bearing	
6	70027243	1	Piston	
7	70022564	1	Steel Ball	
8	70023369	1	Set Screw	
9	70027245	4	Bush	
10	70026308	2	Grease Nipple	
11	70023372	2	Hex Plug	
12	70027248	1	Seal Kit, (includes items 13 thru 22)	
13	Kit	1	Dust Wiper	
14	Kit	1	Rod Seal	
15	Kit	1	Back Up Ring	
16	Kit	1	Buffer Ring	
17	Kit	1	O-Ring	
18	Kit	1	Back Up Ring	
19	Kit	1	O-Ring	
20	Kit	1	Piston Seal	
21	Kit	1	Wear Ring	
22	Kit	1	O-Ring	

FIGURE 9-9. CYLINDER ASSEMBLY - FORK LOCKING

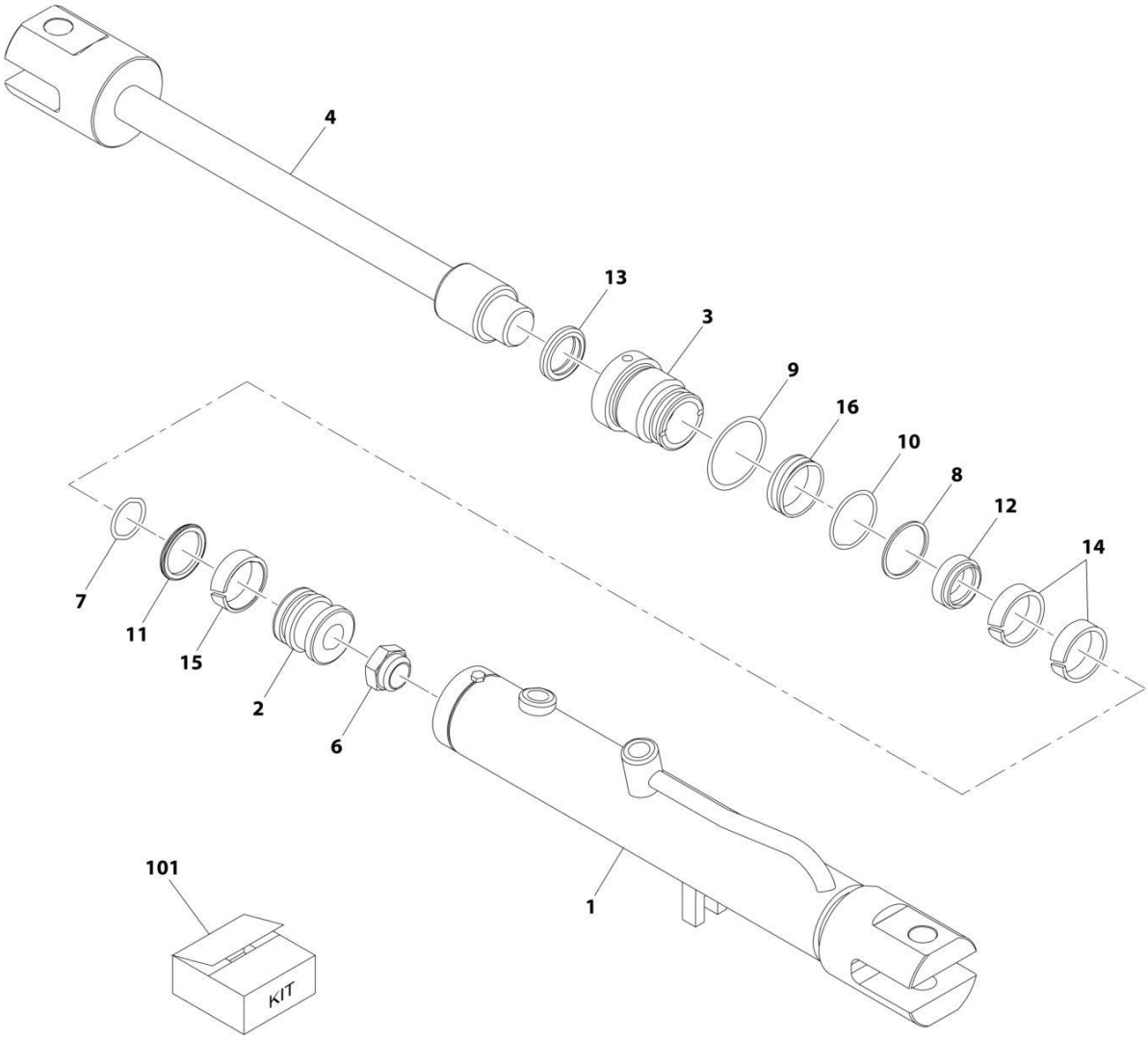

FIGURE 9-9. CYLINDER ASSEMBLY - FORK LOCKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080334	Ref	Fork Locking Cylinder	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70021270	1	Case Assembly	
2	70021271	1	Piston	
3	70021272	1	Head Gland	
4	70021273	1	Rod	
6	70021275	1	Locknut	
7	Kit	1	O-Ring	
8	Kit	1	O-Ring	
9	Kit	1	O-Ring	
10	Kit	1	Back-Up Ring	
11	Kit	1	Diso-Pac	
12	Kit	1	Deep Z-Seal	
13	Kit	1	Rod Wiper	
14	Kit	2	Precision Wearband	
15	Kit	1	Precision Wearband	
16	Kit	1	Locking Insert	
101	70021276	1	Seal Kit, (includes items 7 thru 16)	

FIGURE 9-10. CYLINDER ASSEMBLY - FORK POSITIONING

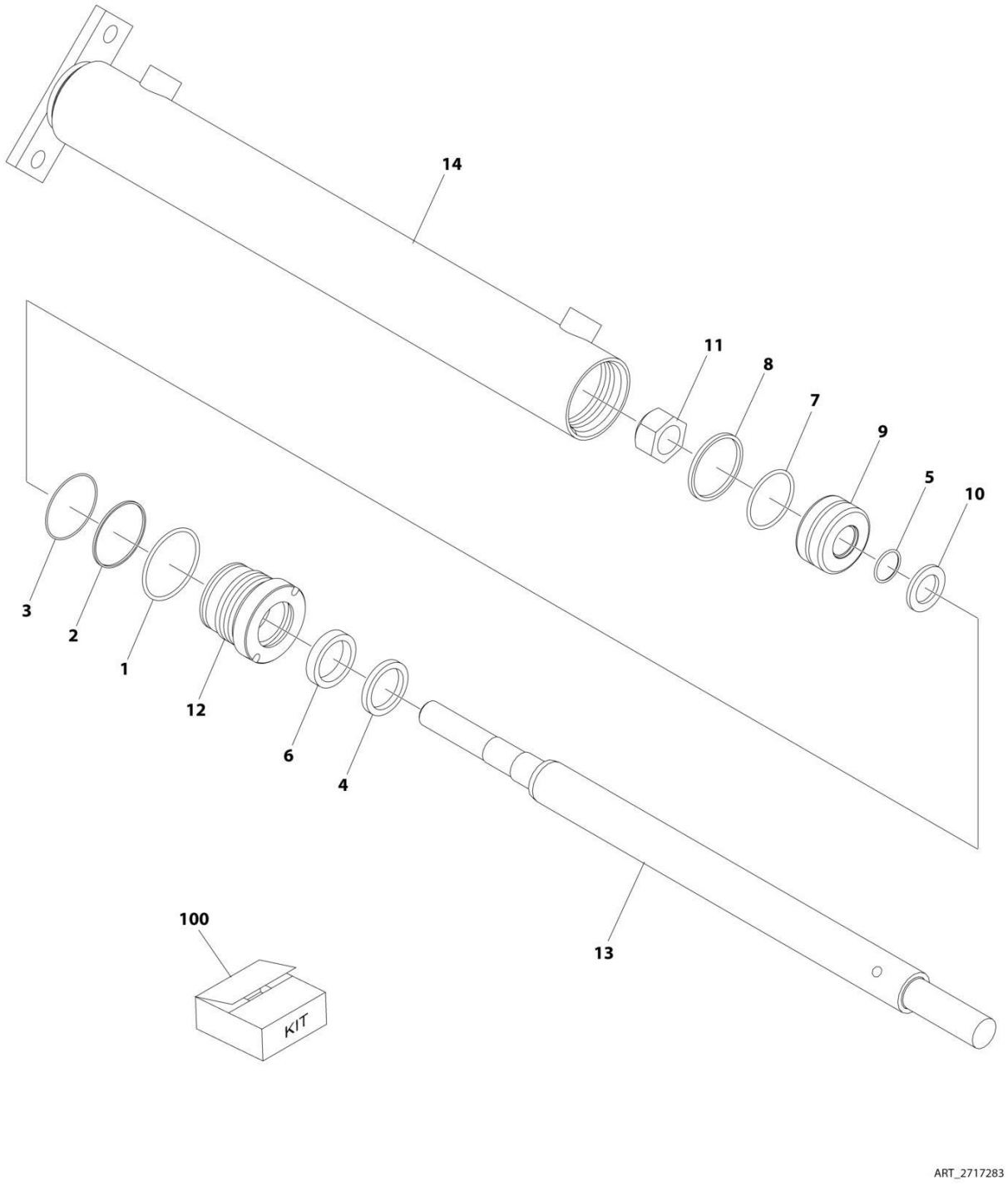

FIGURE 9-10. CYLINDER ASSEMBLY - FORK POSITIONING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2717283	Ref	FORK POSITIONING CYLINDER	B
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	See Note	NSS	O-Ring (Use Item 100)	
2	See Note	NSS	Ring, Back-up (Use Item 100)	
3	See Note	NSS	O-Ring (Use Item 100)	
4	See Note	NSS	Seal (Use Item 100)	
5	See Note	NSS	O-Ring (Use Item 100)	
6	See Note	NSS	Seal (Use Item 100)	
7	See Note	NSS	O-Ring (Use Item 100)	
8	See Note	NSS	Seal (Use Item 100)	
9	70026771	1	Piston	
10	70026775	1	Washer	
11	70026770	1	Nut	
12	70026774	1	Head	
13	70026773	1	Rod	
14	See Note	NSS	Barrel (Note: Use PN 2717283)	
100	8036733	1	Seal Kit (includes items 1 thru 8)	

FIGURE 9-11. CYLINDER ASSEMBLY - SIDE SHIFT

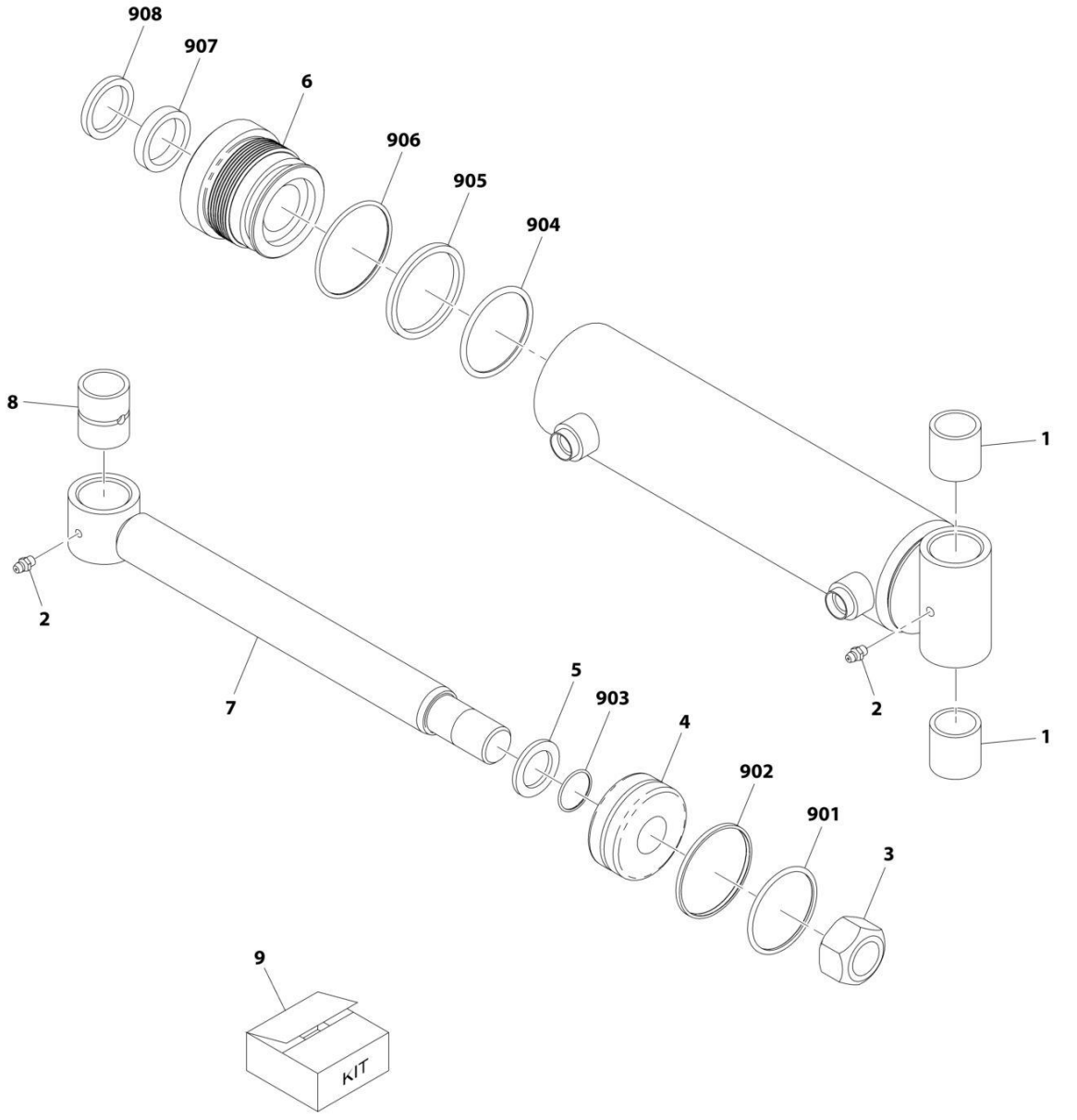

FIGURE 9-11. CYLINDER ASSEMBLY - SIDE SHIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70022108	Ref	Universal Side Shift Cylinder	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70021448	2	Bushing	
2	90554045	2	Grease Fitting	
3	70021440	1	Nut	
4	70021451	1	Piston	
5	70021444	1	Washer	
6	70021446	1	Gland	
7	70021462	1	Rod	
8	70021447	1	Bushing	
9	70021452	1	Seal Kit, (includes items 901 thru 908)	
901	Kit	1	O-Ring	
902	Kit	1	Back-up O-Ring	
903	Kit	1	O-Ring	
904	Kit	1	O-Ring	
905	Kit	1	O-Ring	
906	Kit	1	Seal	
907	Kit	1	O-Ring	
908	Kit	1	Seal	

FIGURE 9-12. CYLINDER ASSEMBLY - SIDE SHIFT

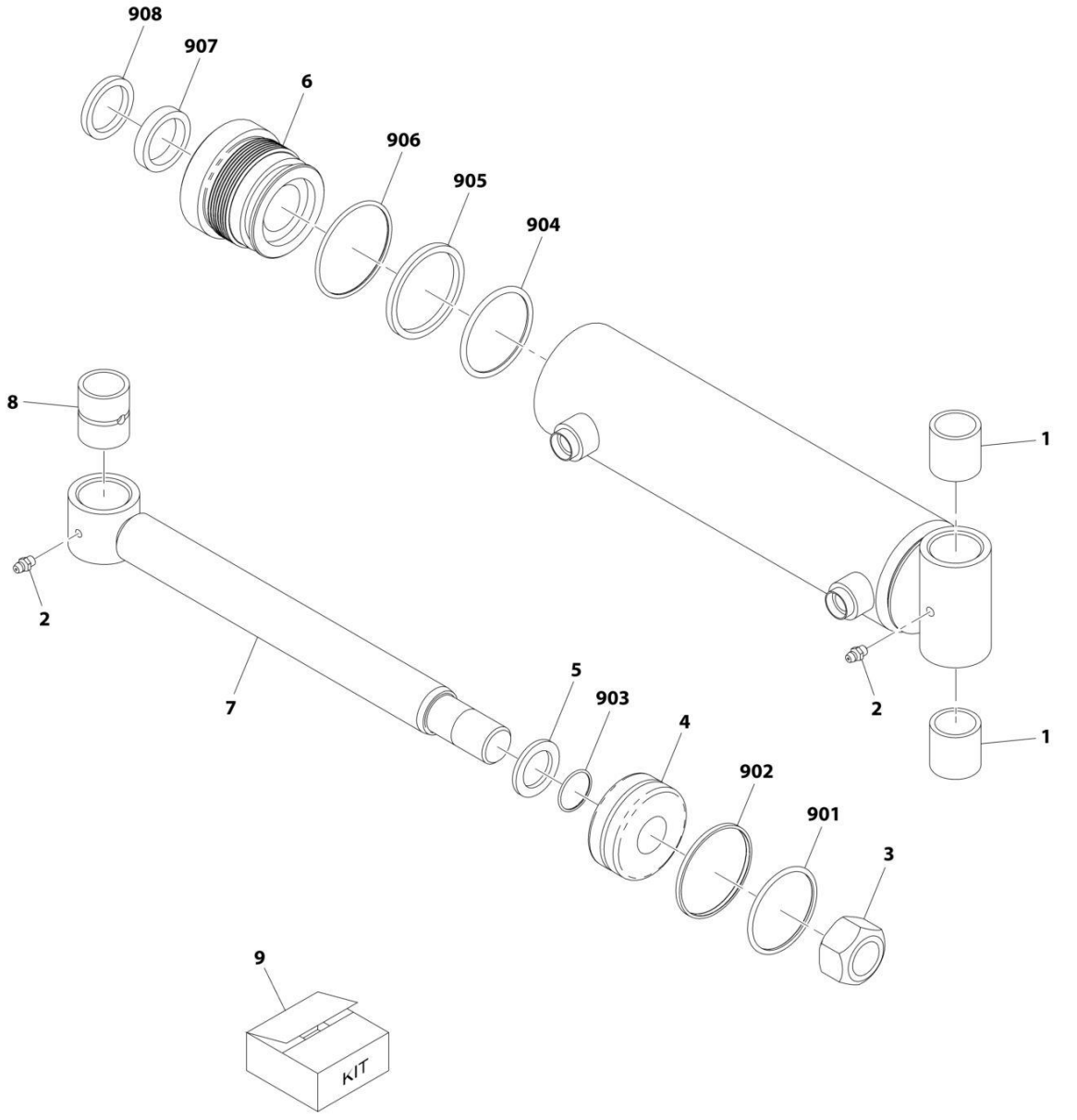

FIGURE 9-12. CYLINDER ASSEMBLY - SIDE SHIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70022108	Ref	Universal Side Shift Cylinder	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70021448	2	Bushing	
2	90554045	2	Grease Fitting	
3	70021440	1	Nut	
4	70021451	1	Piston	
5	70021444	1	Washer	
6	70021446	1	Gland	
7	70021462	1	Rod	
8	70021447	1	Bushing	
9	70021452	1	Seal Kit, (includes items 901 thru 908)	
901	Kit	1	O-Ring	
902	Kit	1	Back-up O-Ring	
903	Kit	1	O-Ring	
904	Kit	1	O-Ring	
905	Kit	1	O-Ring	
906	Kit	1	Seal	
907	Kit	1	O-Ring	
908	Kit	1	Seal	

FIGURE 9-13. CYLINDER ASSEMBLY - TILT

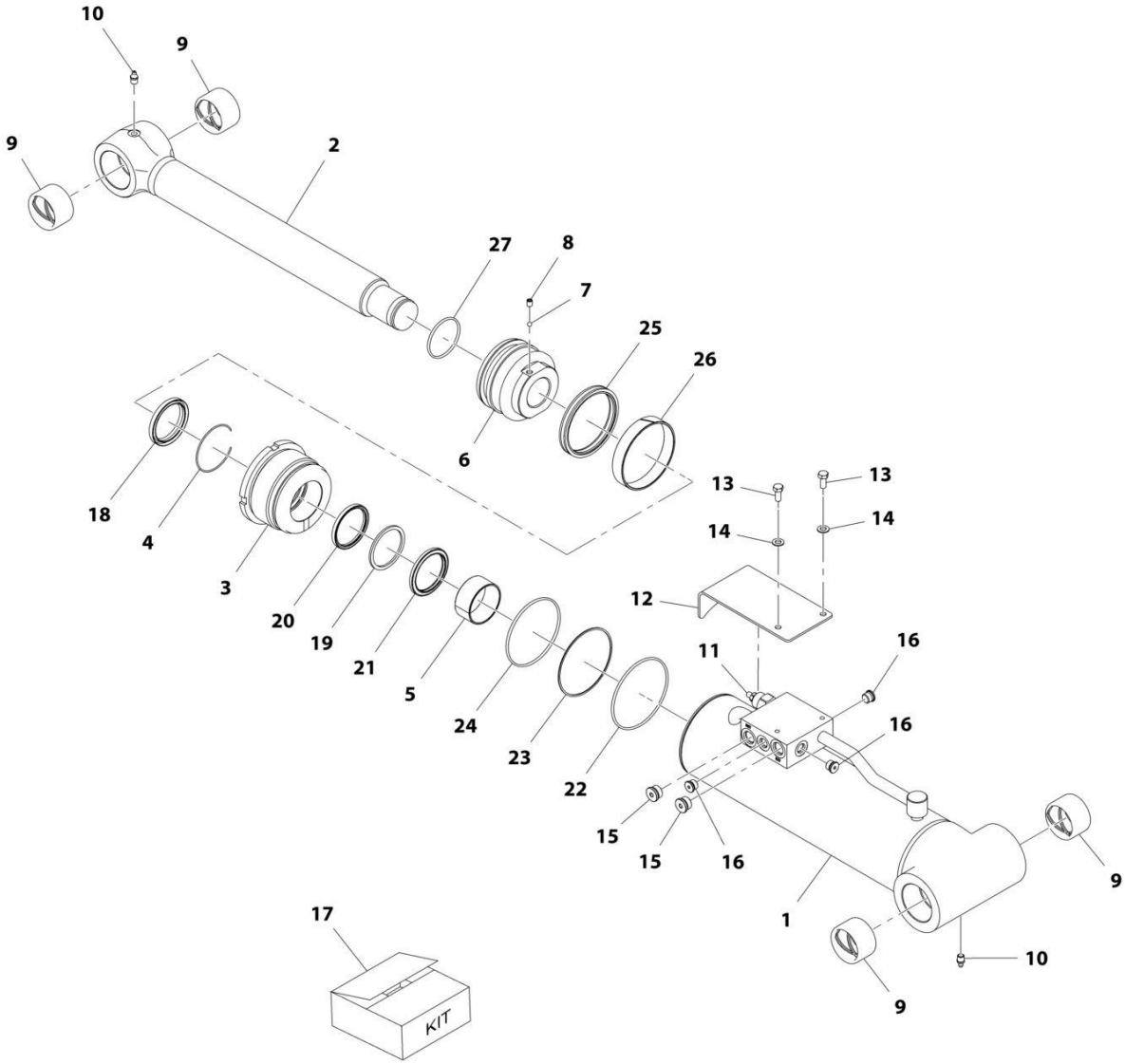

FIGURE 9-13. CYLINDER ASSEMBLY - TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200581	Ref	Tilt Cylinder	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027252	1	Barrel Assembly	
2	70027253	1	Rod Assembly	
3	70027242	1	Gland	
4	70027244	1	Retain Ring	
5	70004637	1	Dry Bearing	
6	70027243	1	Piston	
7	70022564	1	Steel Ball	
8	70023369	1	Set Screw	
9	70027251	4	Bush	
10	70026308	2	Grease Nipple	
11	1001189888	1	Counter Balance Valve	
12	70027254	1	Cover	
13	70027249	2	Hex Bolt	
14	70027250	2	Washer	
15	70023373	2	Hex Socket Plug	
16	70023371	3	Hex Socket Plug	
17	70027255	1	Seal Kit	
18	Kit	1	Dust Wiper	
19	Kit	1	Rod Seal	
20	Kit	1	Back Up Ring	
21	Kit	1	Buffer Ring	
22	Kit	1	O-Ring	
23	Kit	1	Back Up Ring	
24	Kit	1	O-Ring	
25	Kit	1	Piston Seal	
26	Kit	1	Wear Ring	
27	Kit	1	O-Ring	
101	1001293720	1	Valve (Not Shown)	

FIGURE 9-14. MOTOR ASSEMBLY - FAN

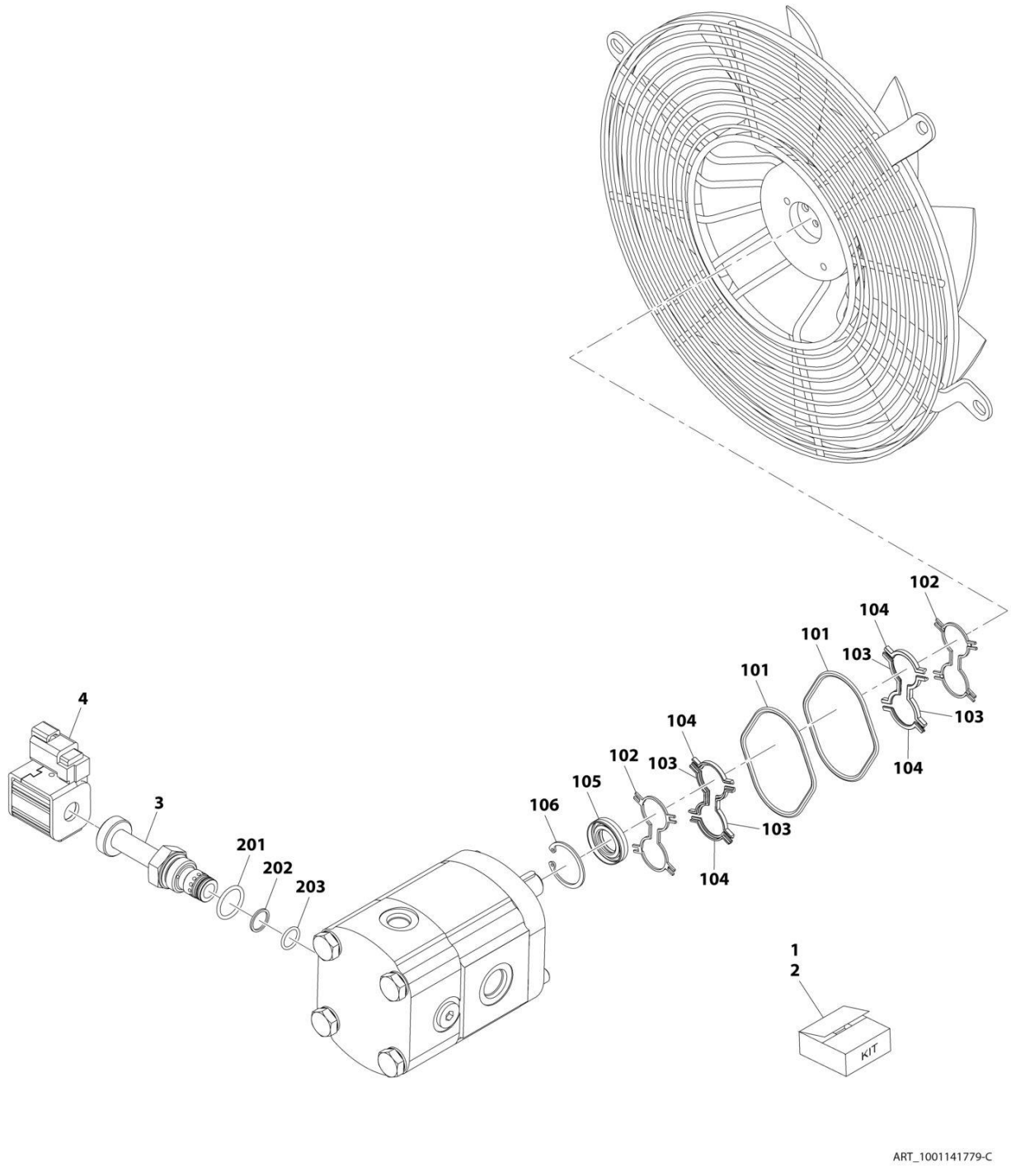

FIGURE 9-14. MOTOR ASSEMBLY - FAN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141779	Ref	Fan Motor	C
1	70027400	1	Motor Seal Kit	
101	Kit	2	Seal	
102	Kit	2	Seal	
103	Kit	4	Seal	
104	Kit	4	Seal	
105	Kit	1	Seal	
106	Kit	1	Snap Ring	
2	70027401	1	Valve Seal Kit	
201	Kit	1	Seal	
202	Kit	1	Back-Up Ring	
203	Kit	1	Seal	
3	70027556	1	Proportional Valve	
4	70027557	1	Valve Coil	

FIGURE 9-15. MOTOR ASSEMBLY - FAN REVERSING

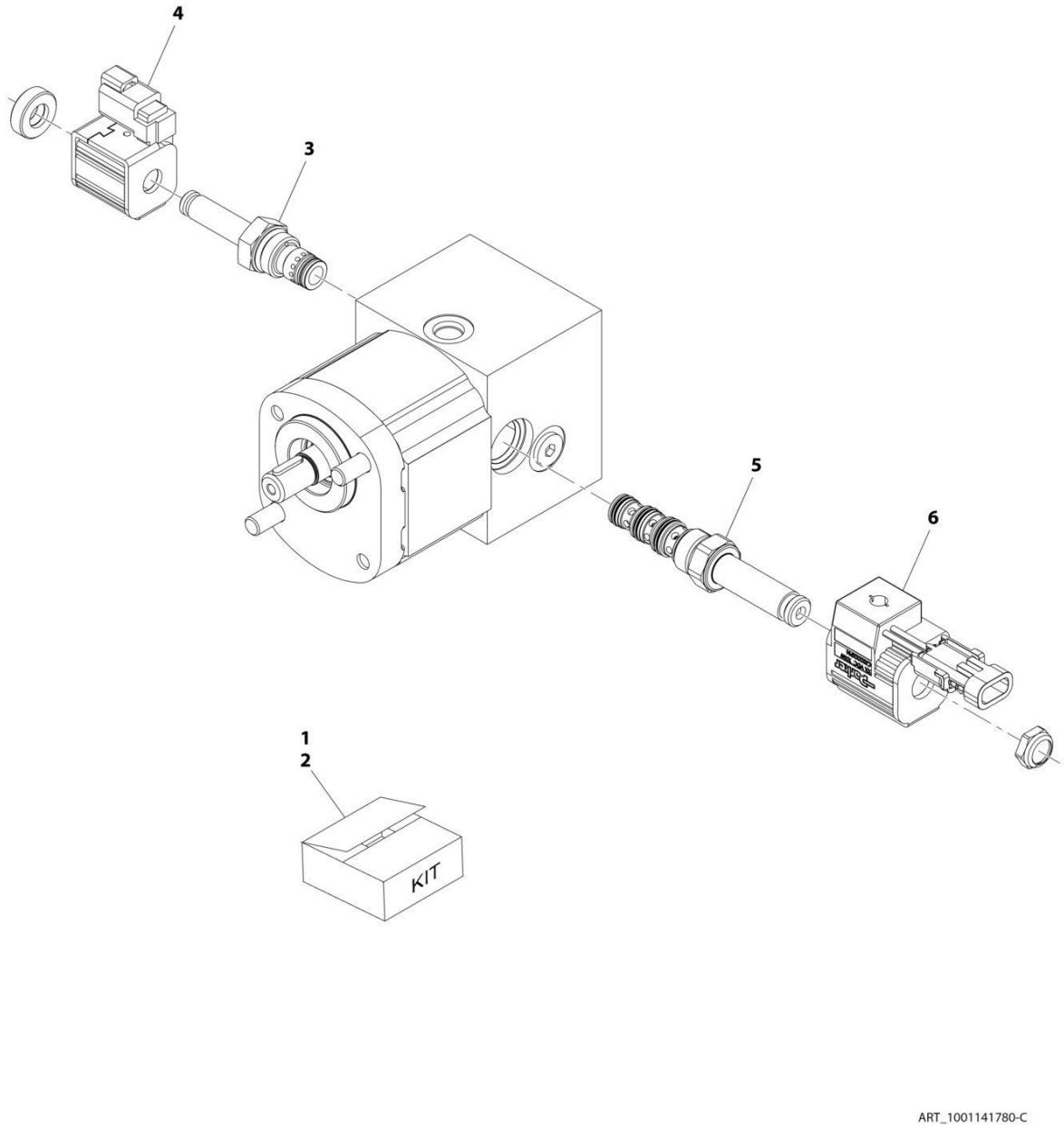

FIGURE 9-15. MOTOR ASSEMBLY - FAN REVERSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001141780	Ref	Fan Motor	C
1	70027400	1	Seal Kit, Motor	
	Kit	2	Seal	
	Kit	2	Seal	
	Kit	4	Seal	
	Kit	4	Seal	
	Kit	1	Seal	
	Kit	1	Snap Ring	
2	70028239	1	Seal Kit, Reversing Valve	
	Kit	1	Seal, O-R	
	Kit	1	Seal, O-R	
	Kit	1	Seal, O-R	
	Kit	1	Seal, O-R	
	Kit	2	Seal, Bk-Up	
	Kit	2	Seal, Bk-Up	
	Kit	2	Seal, Bk-Up	
3	70027556	1	Proportional Valve	
4	70027557	1	Valve Coil	
5	70028240	1	Reversing Valve	
6	70028241	1	Valve Coil	

FIGURE 9-16. MOTOR ASSEMBLY - HYDROSTATIC

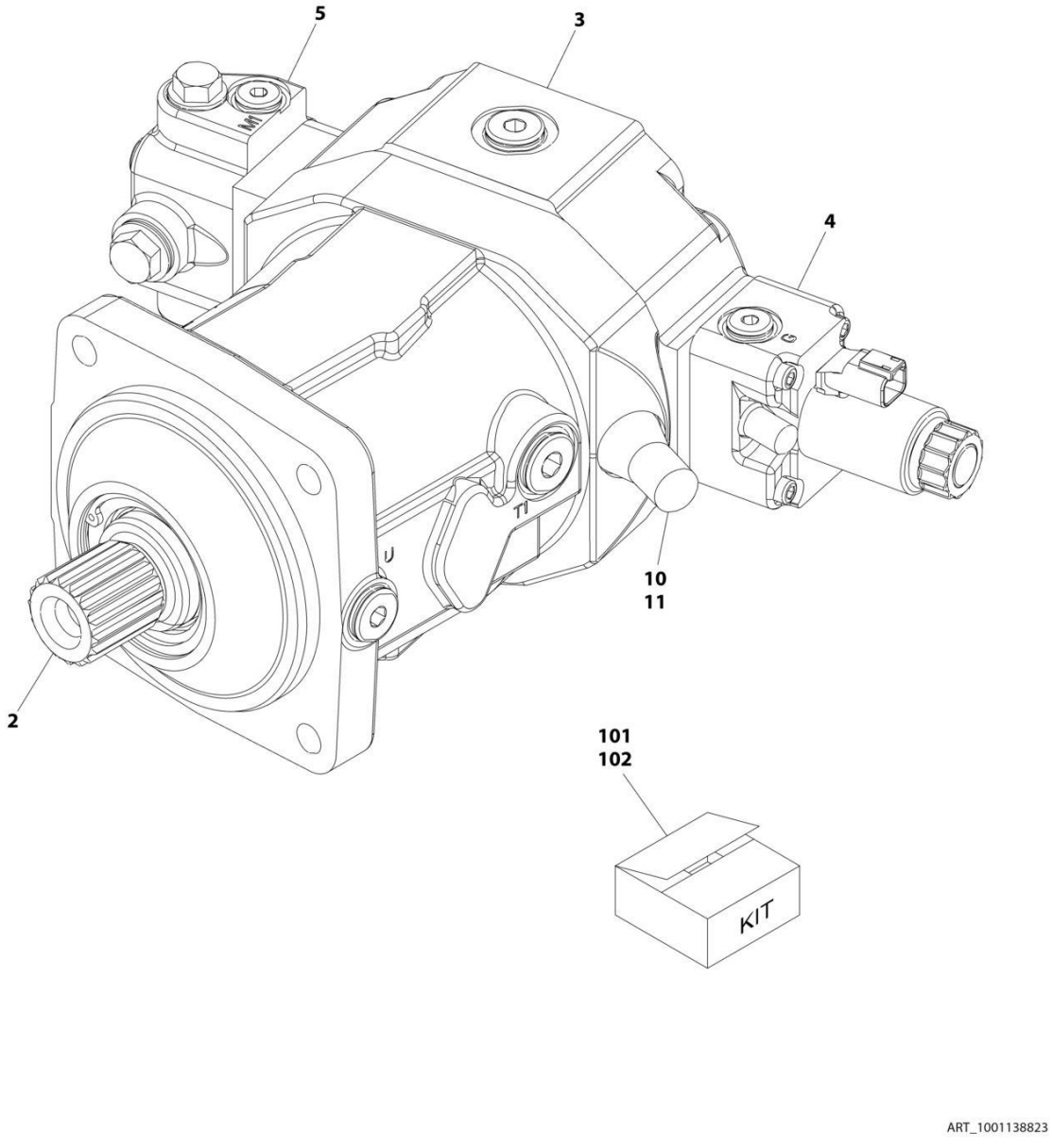

FIGURE 9-16. MOTOR ASSEMBLY - HYDROSTATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138823	Ref	HYDROSTATIC MOTOR	C
2	70024933	1	Rotary Group	
3	70024934	1	Port Plate W/Accessories	
4	70024935	1	Control Part	
5	70024936	1	Flushing Valve W/Orifice	
10	70024938	1	Threaded Pin	
11	80334492	1	Sealing Nut	
101	70024939	1	Seal Kit	
102	70024937	1	Seal Kit, Rotary Group	

FIGURE 9-17. PUMP ASSEMBLY

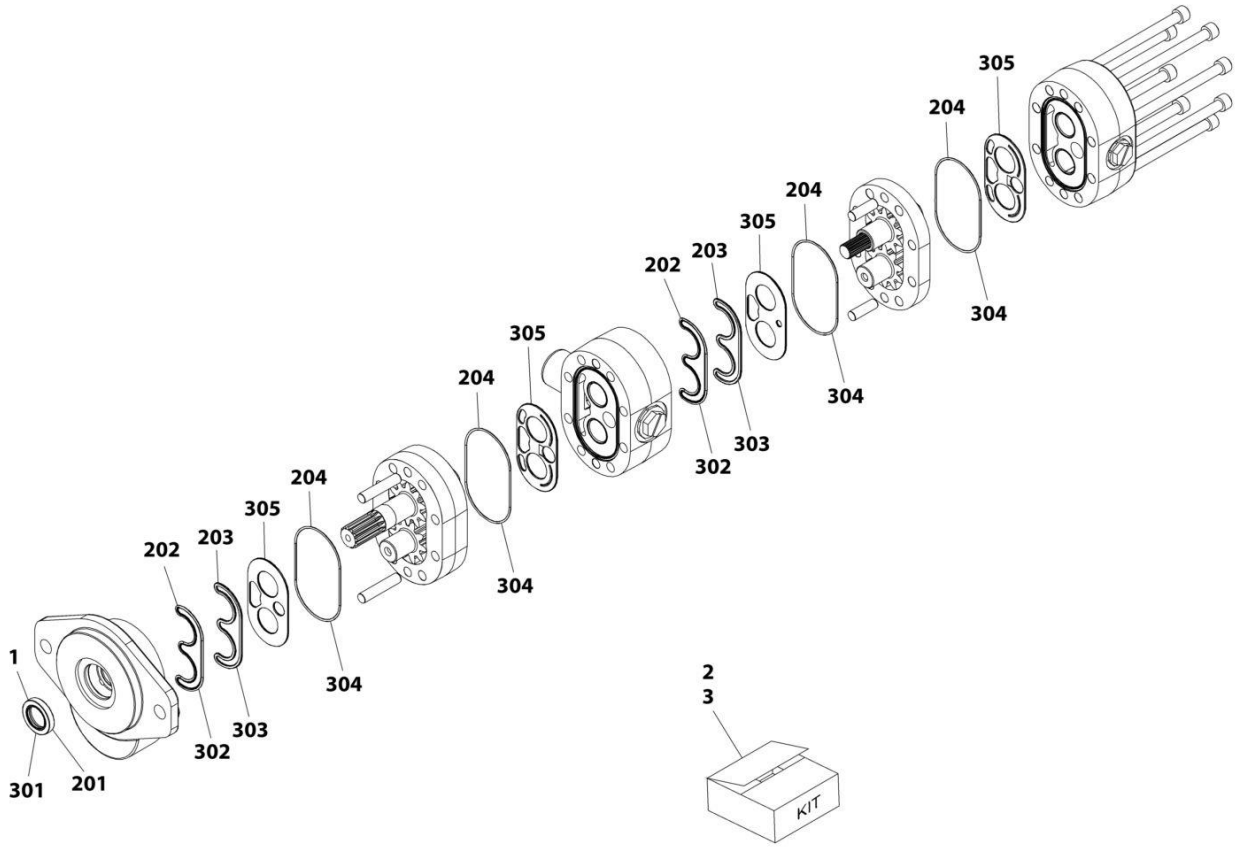

FIGURE 9-17. PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139997	Ref	Gear Pump	B
1	70024951	1	Shaft Seal Kit	
2	70024952	1	Unit Seal Kit, (includes items 201 thru 204)	
201	Kit	1	Shaft Seal	
202	Kit	2	Pre-Load Seal	
203	Kit	2	Load Seal	
204	Kit	4	Sealing Ring	
3	70024953	1	Minor Repair Kit, (includes items 301 thru 305)	
301	Kit	1	Shaft Seal	
302	Kit	2	Pre-Load Seal	
303	Kit	2	Load Seal	
304	Kit	4	Sealing Ring	
305	Kit	4	Wear Plates	

FIGURE 9-18. PUMP ASSEMBLY HTDROSTATIC

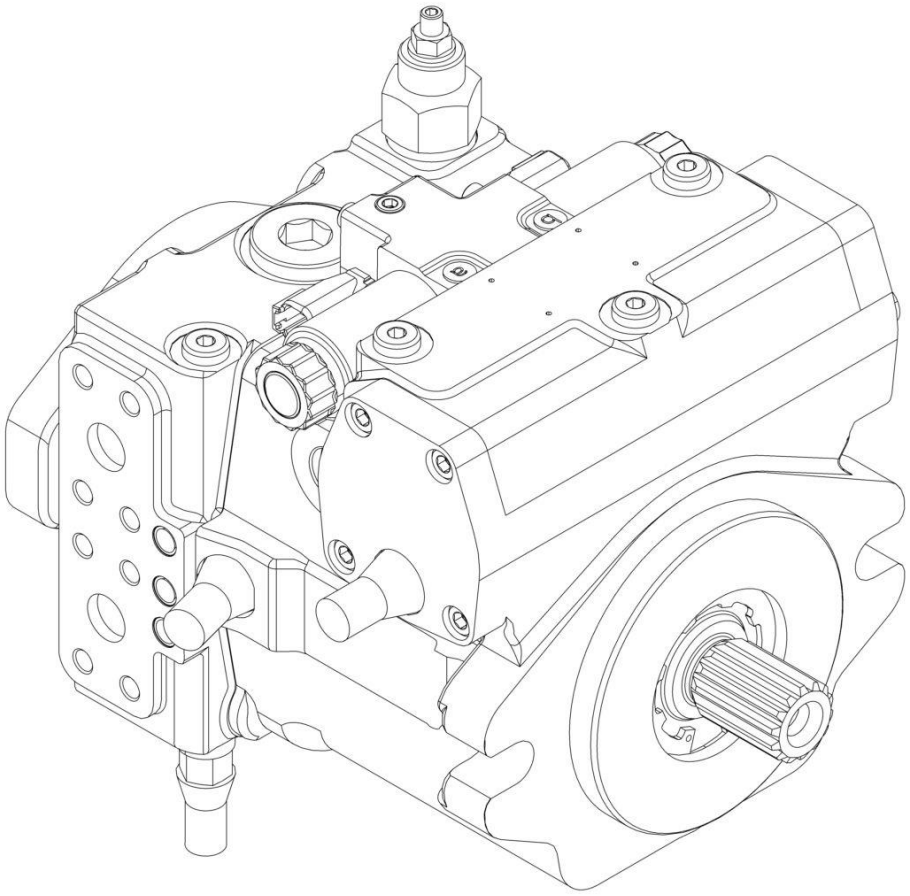

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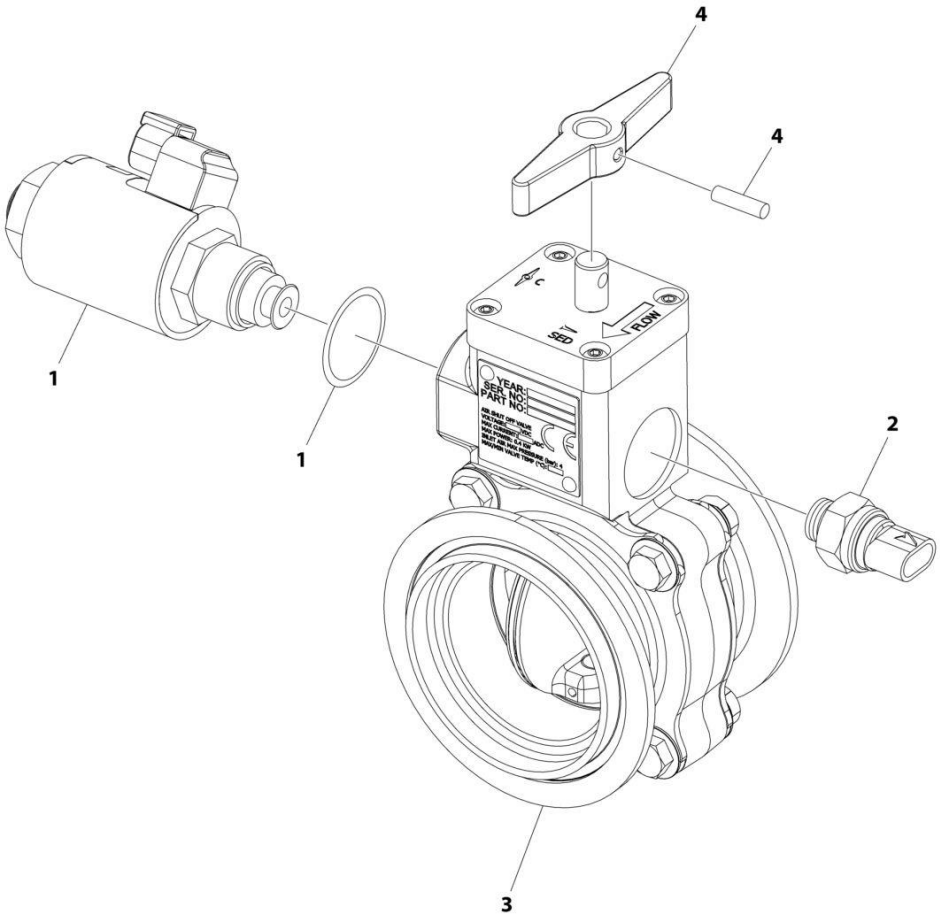
FIGURE 9-18. PUMP ASSEMBLY HTDROSTATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001282168	Ref	PUMP ASSEMBLY HTDROSTATIC	B
		Ref	Note: No Service Parts Available at Time of Printing.	

FIGURE 9-19. VALVE ASSEMBLY - AIR SHUT-OFF VALVE



ART_1001204032_C

FIGURE 9-19. VALVE ASSEMBLY - AIR SHUT-OFF VALVE

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

FIGURE 9-20. VALVE ASSEMBLY - BRAKE MASTER CYLINDER

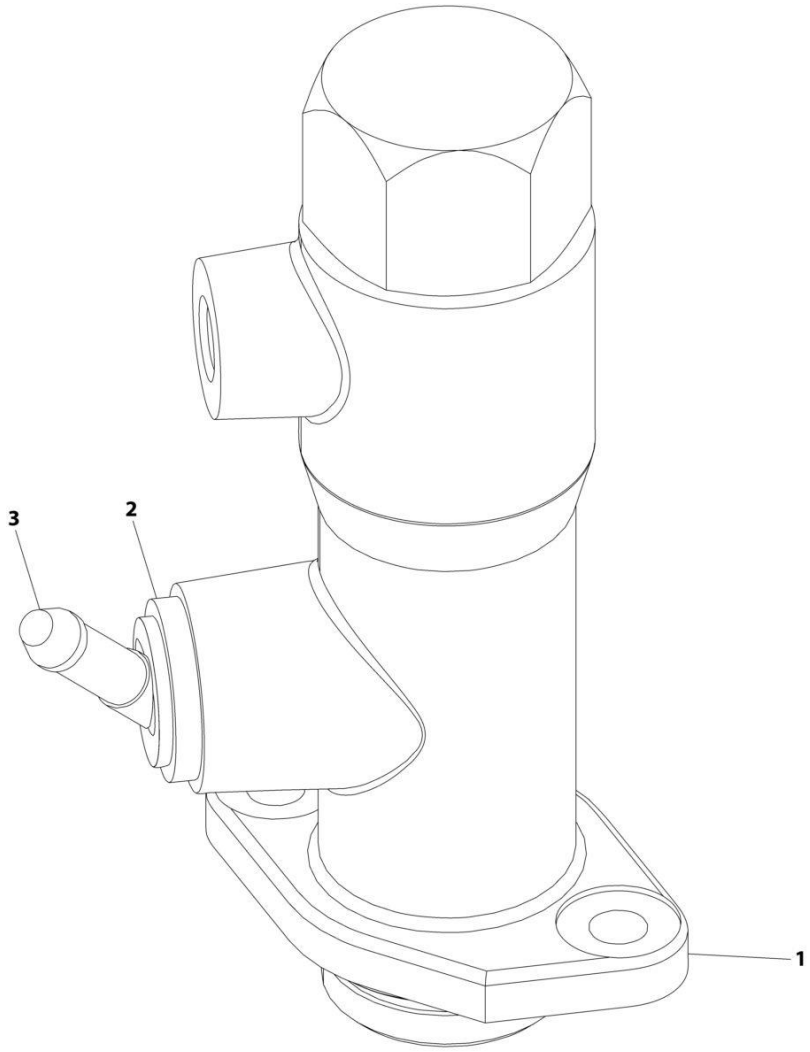


FIGURE 9-20. VALVE ASSEMBLY - BRAKE MASTER CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080262	Ref	Brake Master Cylinder Valve	C
1	70020919	1	Seal Kit	
2	70020920	1	Rubber Boot	
3	70021475	1	Fitting	

FIGURE 9-21. VALVE ASSEMBLY - MAIN CONTROL

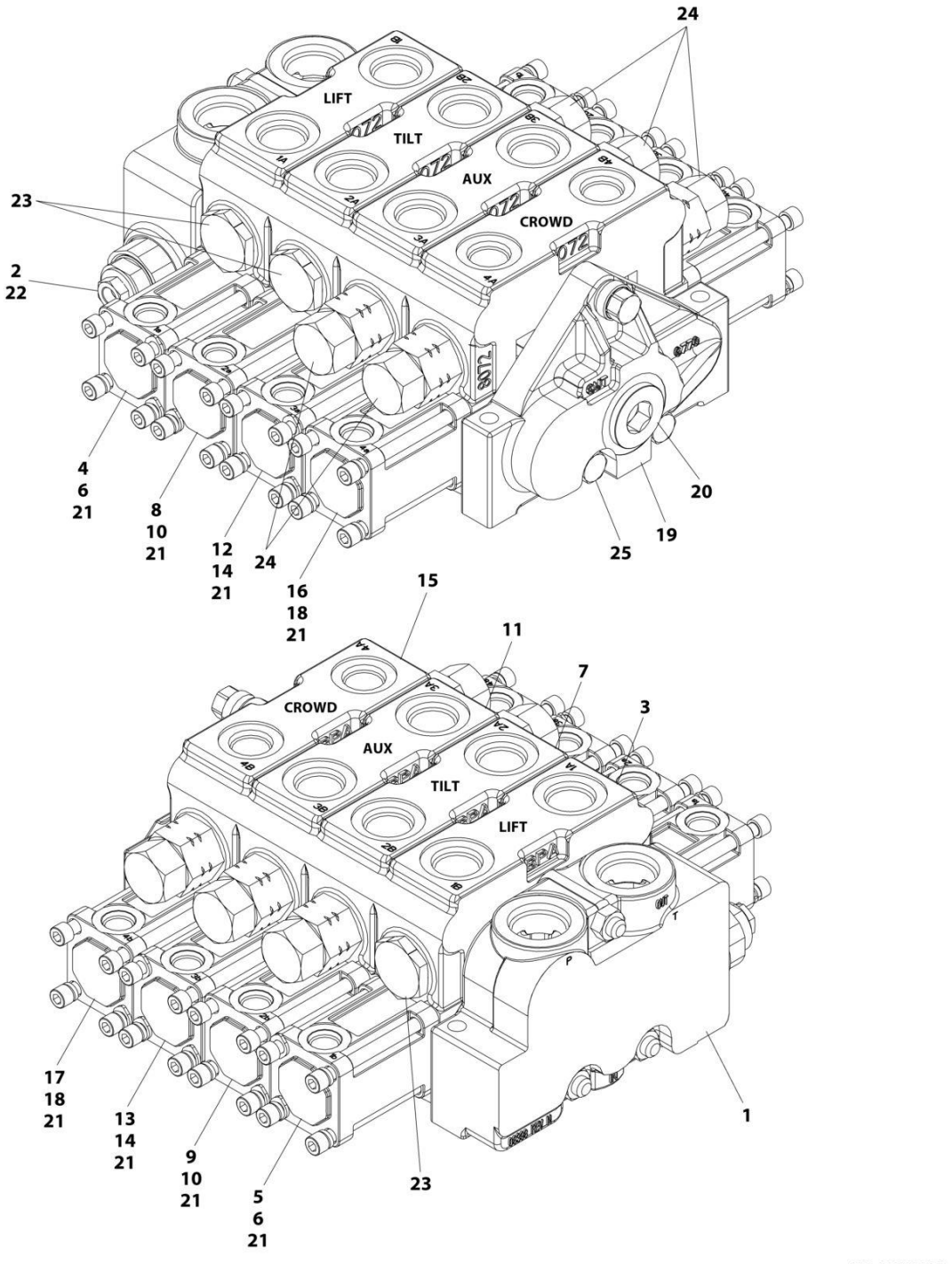
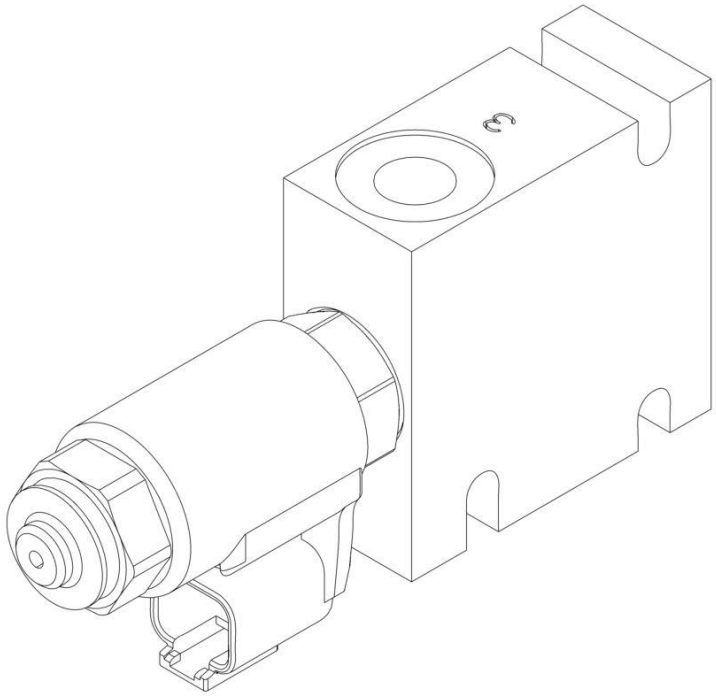


FIGURE 9-21. VALVE ASSEMBLY - MAIN CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080176	Ref	MAIN CONTROL VALVE (W/AUX)	D
1	91084008	1	Inlet Assembly	
2	91084009	1	Main Relief Valve, 3000PSI	
3	91404182	1	Lift Valve Section	
4	91094023	1	Hydraulic Remote Positioner, A End	
5	91094024	1	Hydraulic Remote Positioner, B End	
6	91084010	2	Load Check Plug	
7	70020718	1	Tilt Valve Section Assembly	
8	91094023	1	Hydraulic Remote Positioner, A End	
9	91094024	1	Hydraulic Remote Positioner, B End	
10	70021352	2	Relief Cartridge, 3800PSI 10GPM	
11	70020719	1	Auxiliary Valve Section Assembly	
12	91094023	1	Hydraulic Remote Positioner, A End	
13	91094024	1	Hydraulic Remote Positioner, B End	
14	70021352	2	Relief Cartridge, 3800PSI 10GPM	
15	91404186	1	Crowd Valve Section Assembly	
16	91094023	1	Hydraulic Remote Positioner, A End	
17	91094024	1	Hydraulic Remote Positioner, B End	
18	91404189	1	Relief Valve	
19	91084278	1	Outlet Assembly	
20	91084279	1	Plug	
21	91084233	8	Seal, Positioner	
22	70020716	1	Seal Kit - Main Relief	
23	7029865	3	Seal Kit - Transition Check	
24	70020717	5	Seal Kit - RC Relief	
25	91084019	1	Bolt Assembly	

FIGURE 9-22. PARK BRAKE ASSEMBLY

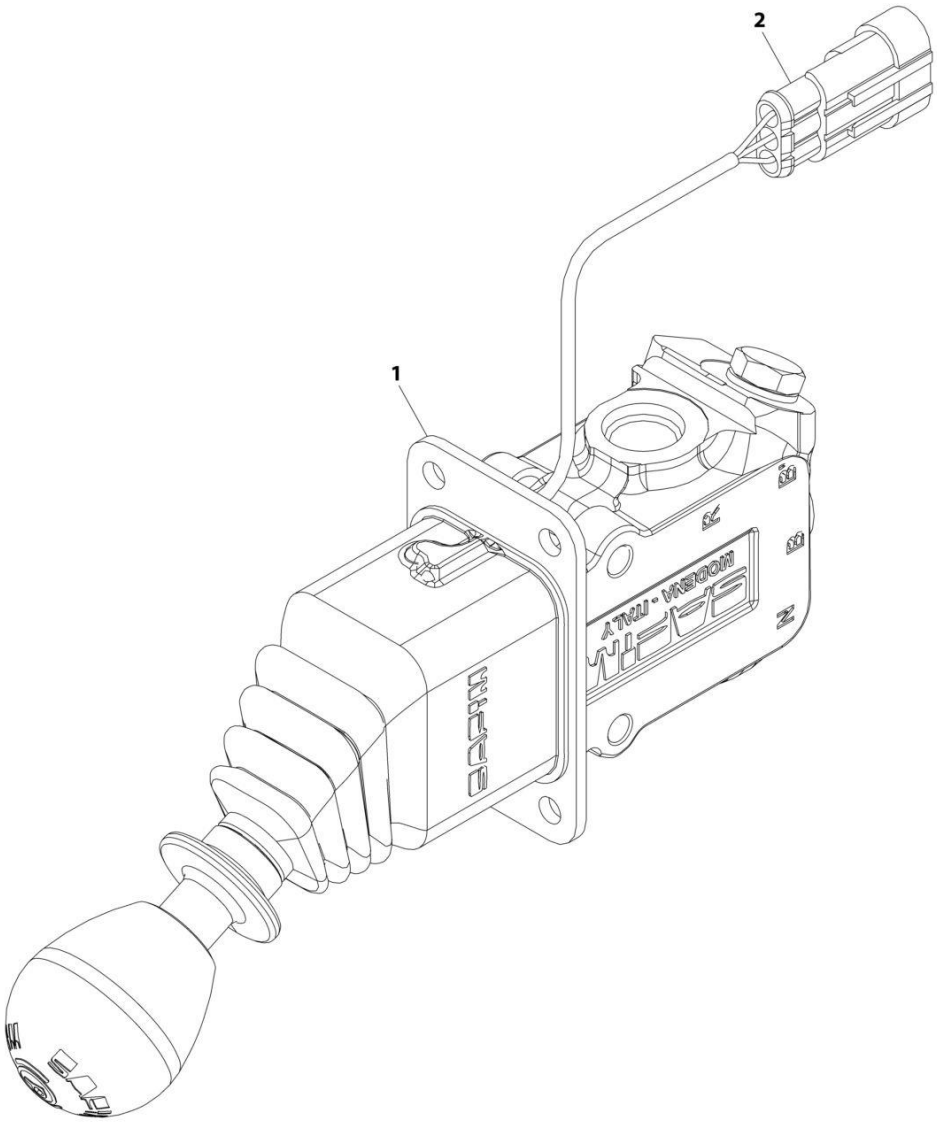


ART_1001292174

FIGURE 9-22. PARK BRAKE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001292174	Ref	PARK BRAKE ASSEMBLY	B
		Ref	Note: No Service Parts Available at Time of Printing	

FIGURE 9-23. VALVE ASSEMBLY - PARK BRAKE RELEASE (HYDRAULIC)

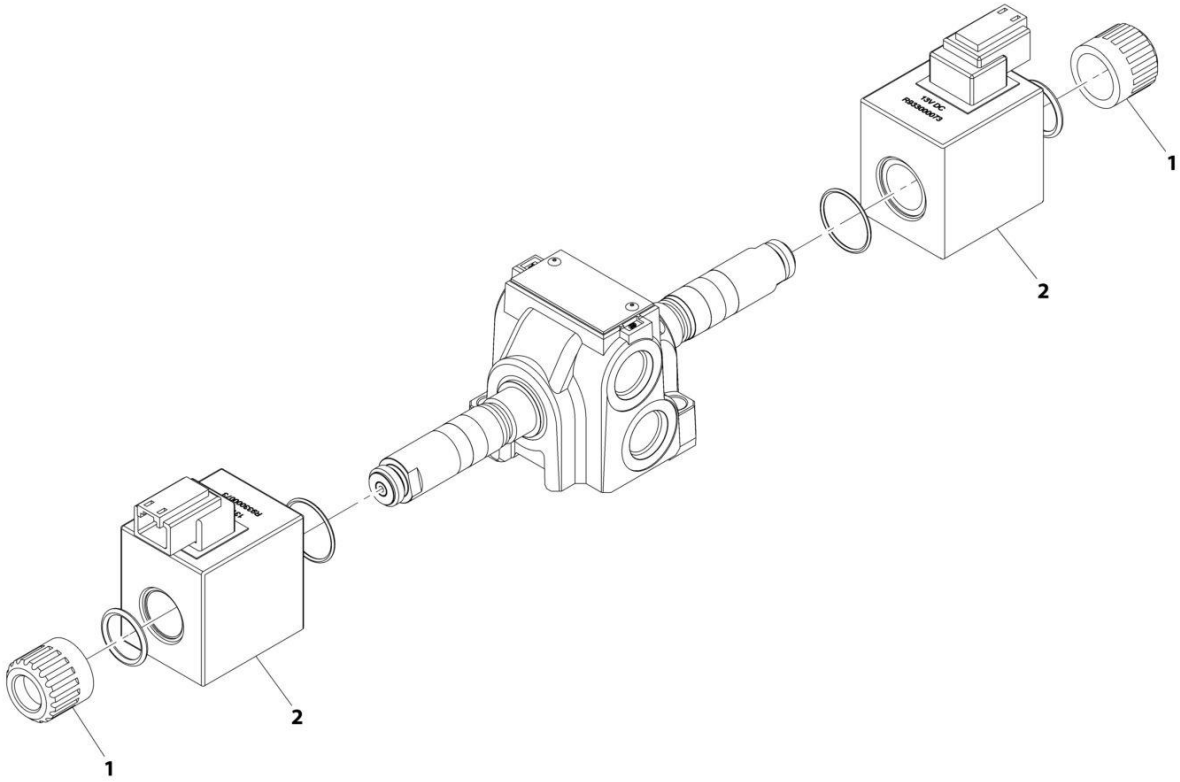


ART_1001098153-D

FIGURE 9-23. VALVE ASSEMBLY - PARK BRAKE RELEASE (HYDRAULIC)

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

FIGURE 9-24. VALVE ASSEMBLY - STEERING SELECT



ART_1001153748-C

FIGURE 9-24. VALVE ASSEMBLY - STEERING SELECT

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

SECTION 10 - ELECTRICAL

FIGURE 10-1. MAIN ELECTRICAL INSTALLATION

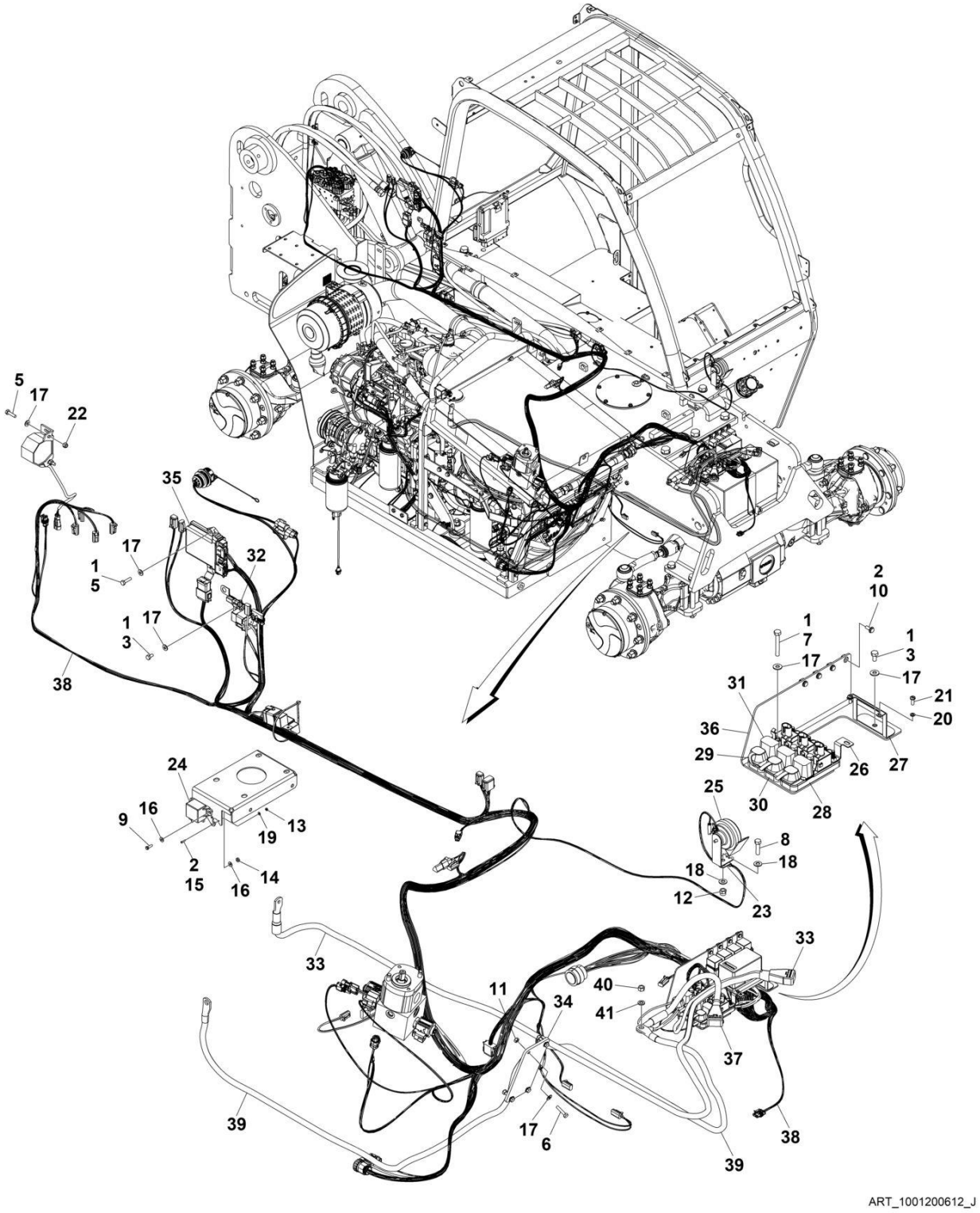


FIGURE 10-1. MAIN ELECTRICAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200612	Ref	MAIN ELECTRICAL INSTALLATION	J
1	0100011	AR	Compound, Locking	
2	0100035	AR	Compound, Locking	
3	0641404	2	Bolt 1/4 x 1/2	
5	0641408	4	Bolt 1/4 x 1	
6	0641410	4	Bolt 1/4 x 1-1/4	
7	0641415	3	Bolt 1/4 x 1-7/8	
8	0641611	1	Bolt 3/8 x 1-3/8	
9	0721005	2	Screw	
10	0791004	4	Screw	
11	3271405	4	Nut 1/4	
12	3300143	1	Nut 3/8	
13	3310401	3	Nut 4	
14	3311001	2	Nut 10	
15	3910408	3	Screw 4 x 1/2	
16	4711000	4	Washer	
17	4711400	13	Washer 1/4	
18	4711600	2	Washer 3/8	
19	4750400	3	Washer #4	
20	4761000	2	Washer	
21	8303839	2	Screw #10 x 1/2	
22	8305624	2	Nut	
23	8406003	1	Clip	
24	77383377	1	Starter Relay	
25	91143357	1	Horn	
26	1001080409	1	Bus Bar	
27	1001080410	1	Bracket	
28	1001080424	1	Yellow Power Module Relay	
29	1001092585	1	Bus Bar Insulator	
30	1001127589	1	Red Power Module Relay	
31	1001141066	1	Green Power Module Relay	
32	1001141581	1	Connector Mount	
33	1001149466	1	Positive Battery Cable	
34	1001156314	1	Plate	
35	1001294720	1	Control Module	
36	1001201252	1	Mount, Electrical Components	
37	1001080619	1	Negative Battery Cable	
38	1001283507	1	Frame Harness, (See Separate Breakdown in this Section)	
39	1001209102	1	Ground Cable	
40	3271601	1	Nut 3/8	
41	4761600	1	Washer 3/8	

FIGURE 10-2. ASOV HARNESS (CAB)

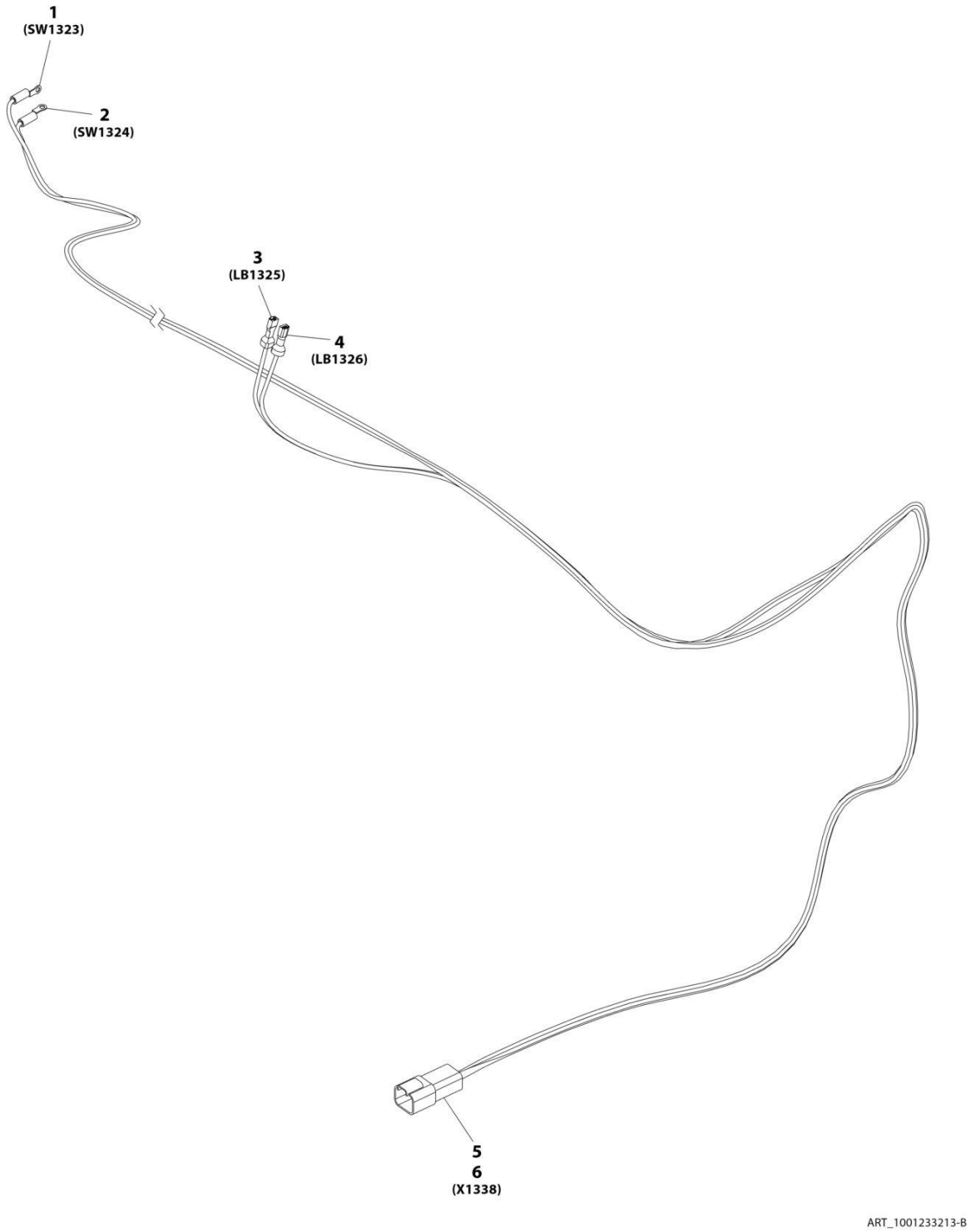


FIGURE 10-2. ASOV HARNESS (CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233213	Ref	Harness, POSI Air Shut Off Valve	B
1	8220035	1	Terminal, Ring	
2	8220035	1	Terminal, Ring	
3	8220108	1	Connector, Female	
4	8220108	1	Connector, Female	
5	4460932	1	Connector	
6	4460464	1	Pin	

FIGURE 10-3. ASOV HARNESS (FRAME)

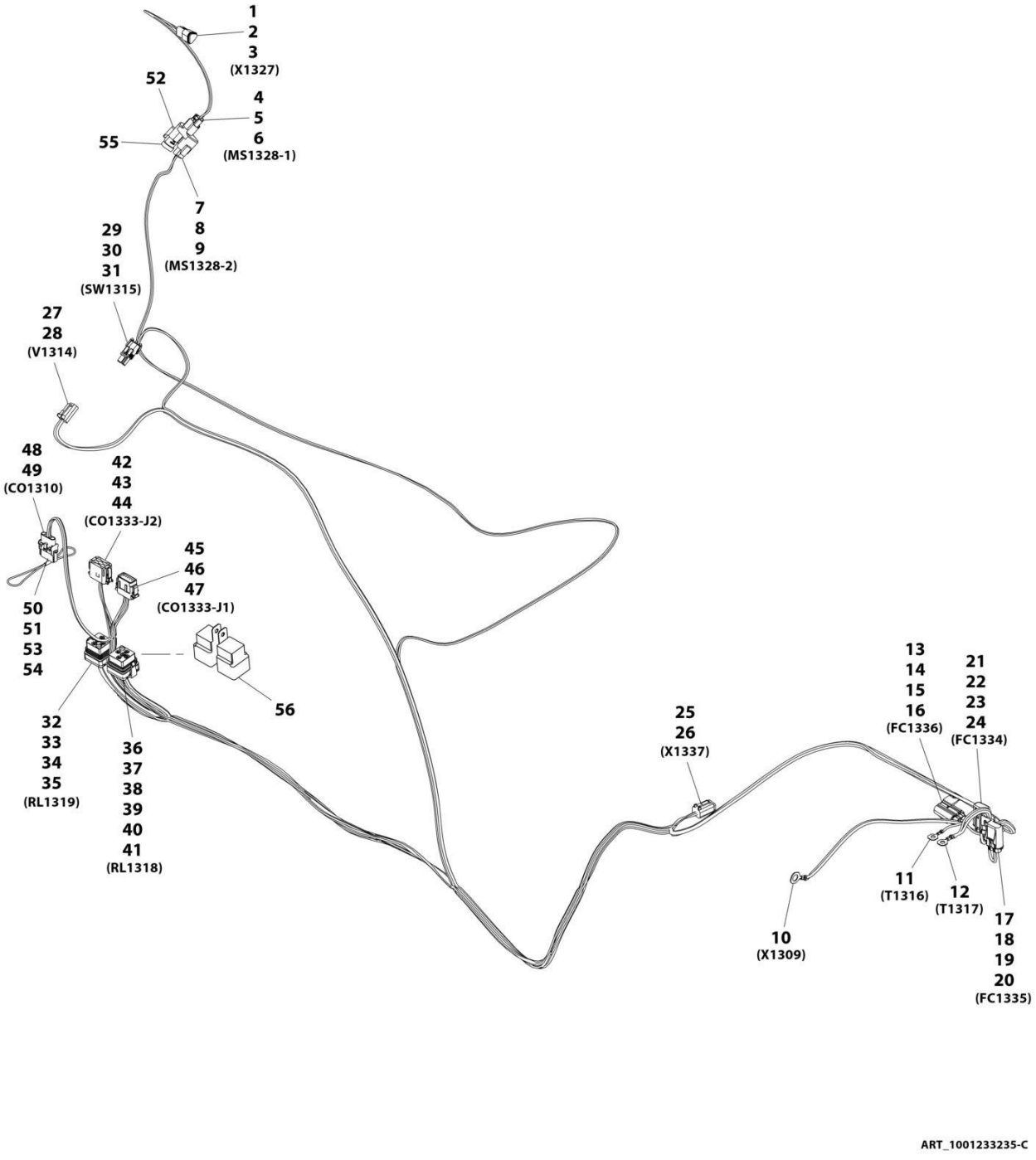


FIGURE 10-3. ASOV HARNESS (FRAME)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233235	Ref	AIR SHUT OFF VALVE FRAME HARNESS	C
1	1001116812	1	CONNECTOR	
2	4460465	2	TERMINAL	
3	4460466	1	PLUG	
4	1001116812	1	CONNECTOR	
5	4460465	2	TERMINAL	
6	4460466	1	PLUG	
7	4460539	1	CONNECTOR	
8	4460465	1	TERMINAL	
9	4460466	1	PLUG	
10	1001187079	1	TERMINAL RING	
11	1001207171	1	TERMINAL RING	
12	1001189077	1	TERMINAL RING	
13	1001231397	1	CONNECTOR	
14	8229261	1	FUSE	
15	1001231400	2	TERMINAL	
16	1001231403	2	SEAL	
17	1001231397	1	CONNECTOR	
18	8229234	1	FUSE	
19	1001231400	2	TERMINAL	
20	1001231403	2	SEAL	
21	1001231397	1	CONNECTOR	
22	8229235	1	FUSE	
23	1001231401	2	TERMINAL	
24	1001231402	2	SEAL	
25	4460884	1	CONNECTOR	
26	4460465	4	TERMINAL	
27	4460891	1	CONNECTOR	
28	1001157890	2	TERMINAL	
29	4460742	1	CONNECTOR	
30	4460475	2	TERMINAL	
31	4460458	2	SEAL	
32	1001231398	1	CONNECTOR	
33	1001231400	4	TERMINAL	
34	1001231406	1	PLUG	
35	1001231404	4	SEAL	
36	1001231398	1	CONNECTOR	
37	1001231401	2	TERMINAL	
38	1001231400	2	TERMINAL	
39	1001231401	1	PLUG	
40	1001231402	2	SEAL	
41	1001231404	2	SEAL	
42	1001116774	1	CONNECTOR	
43	1001126008	4	TERMINAL	
44	4460518	8	PLUG	
45	1001116808	1	CONNECTOR	
46	1001126008	9	TERMINAL	
47	4460518	3	PLUG	
48	4460761	1	CONNECTOR	
49	1001118378	4	TERMINAL	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460321	1	PLUG	
51	4460809	4	TERMINAL	
52	4460945	1	TERMINAL	
53	1001143551	1	SEAL	
54	1001218358	1	LANYARD, ROPE	
55	1001116815	1	PLUG	
56	3740080	2	RELAY	

FIGURE 10-4. ATTACHMENT HYDRAULIC QUICK SWITCH JUMPER SWITCH HARNESS

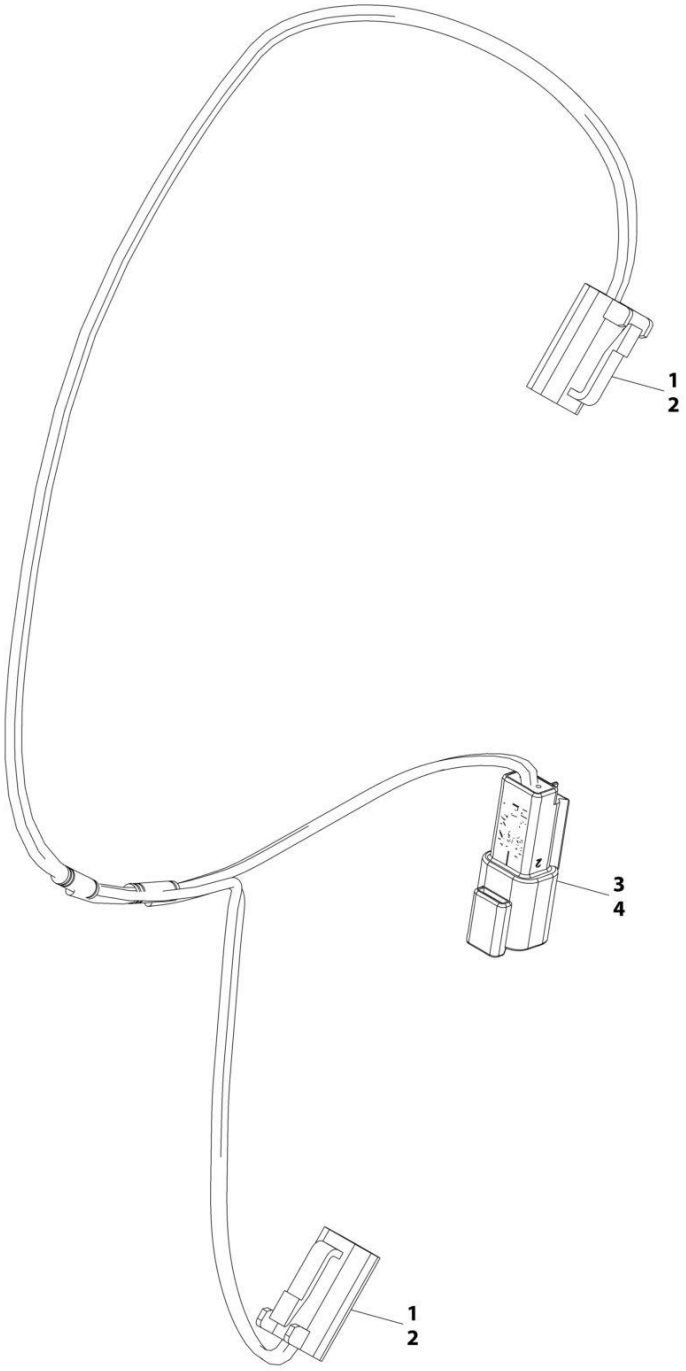


FIGURE 10-4. ATTACHMENT HYDRAULIC QUICK SWITCH JUMPER SWITCH HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209009	Ref	Valve Jumper Harness	B
1	4460891	1	Connector, (includes rear seal)	
2	4460465	2	Terminal	
3	4460891	1	Connector, (includes rear seal)	
4	4460465	2	Terminal	
5	4460897	1	Connector, (includes rear seal)	
6	4460464	2	Terminal	

FIGURE 10-5. BATTERY INSTALLATION

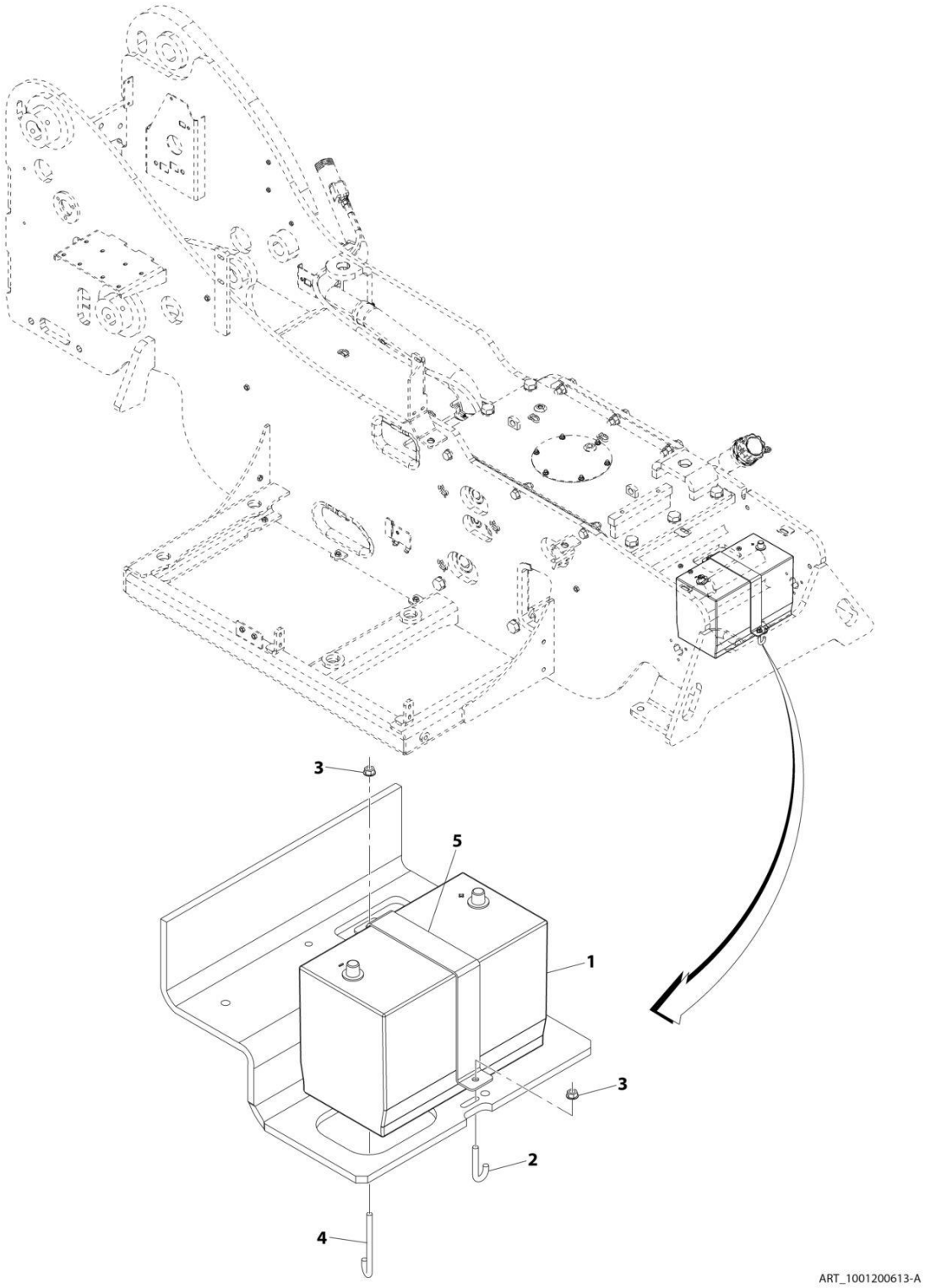


FIGURE 10-5. BATTERY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200613	Ref	Battery Installation	A
1	0400075	1	12V Battery	
2	0630455	1	J-Bolt	
3	3311508	2	Hex Nut, 5/16-18	
4	1001081123	1	J-Bolt	
5	1001112697	1	Plate	

FIGURE 10-6. BATTERY DISCONNECT SHIELD INSTALLATION

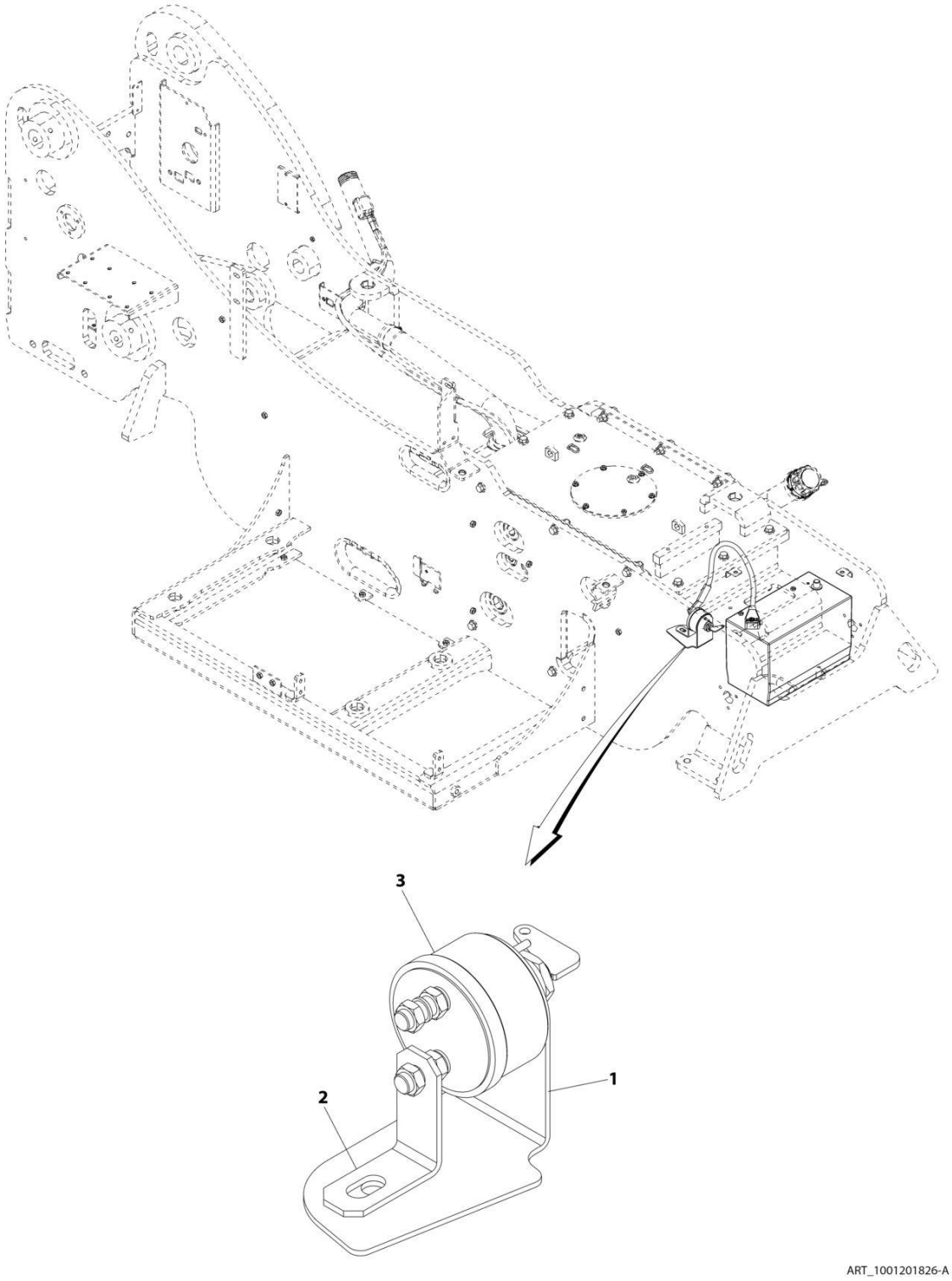


FIGURE 10-6. BATTERY DISCONNECT SHIELD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201826	Ref	Battery Disconnect Switch Installation	A
1	1001135845	1	Bracket	
2	1001135846	1	Bar	
3	1001192142	1	Switch	

FIGURE 10-7. BOOM AUXILIARY HARNESS

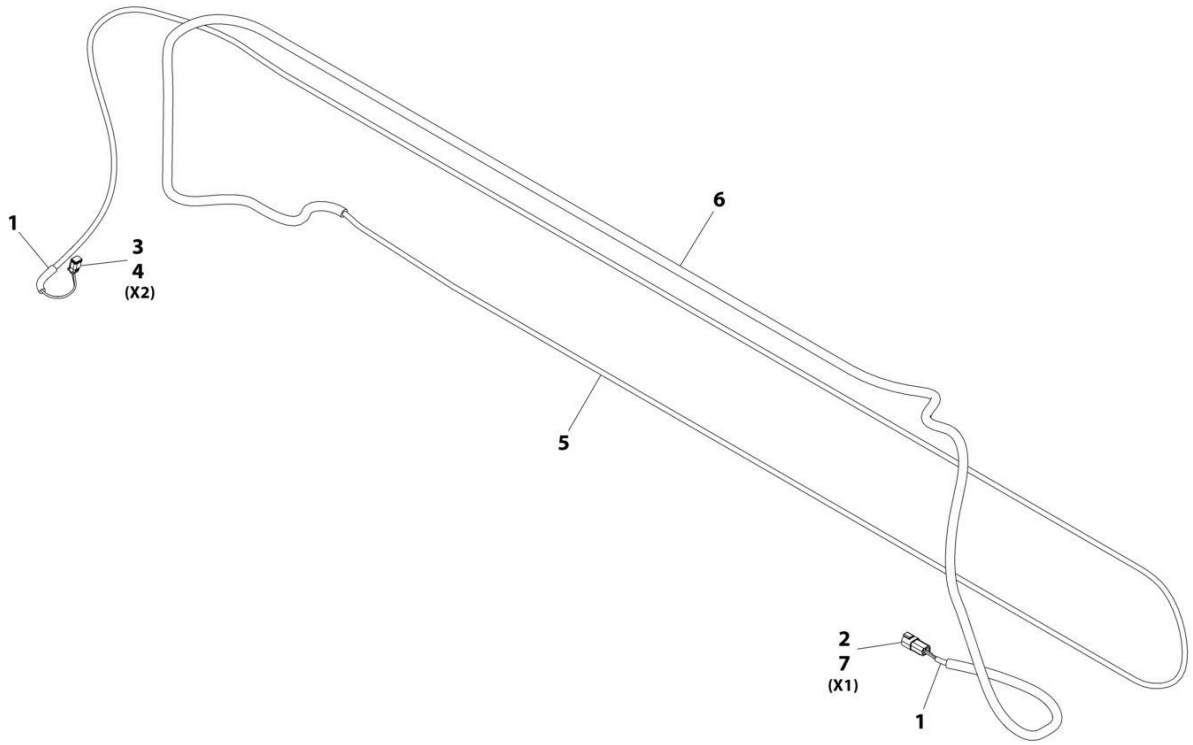


FIGURE 10-7. BOOM AUXILIARY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080397	Ref	Boom Aux Harness	B
1	2820171	0.25 ft	Heat Shrink, Insulate	
2	4460464	4	Terminal	
3	4460465	2	Terminal	
4	4460891	1	Connector	
5	4923141	34.83 ft	Wire, 4 Conductor 16 Ga Cable	
6	1001220853	14 ft	Loom, 3/8	
7	4460932	1	Connector	

FIGURE 10-8. BOOM SENSOR INSTALLATION

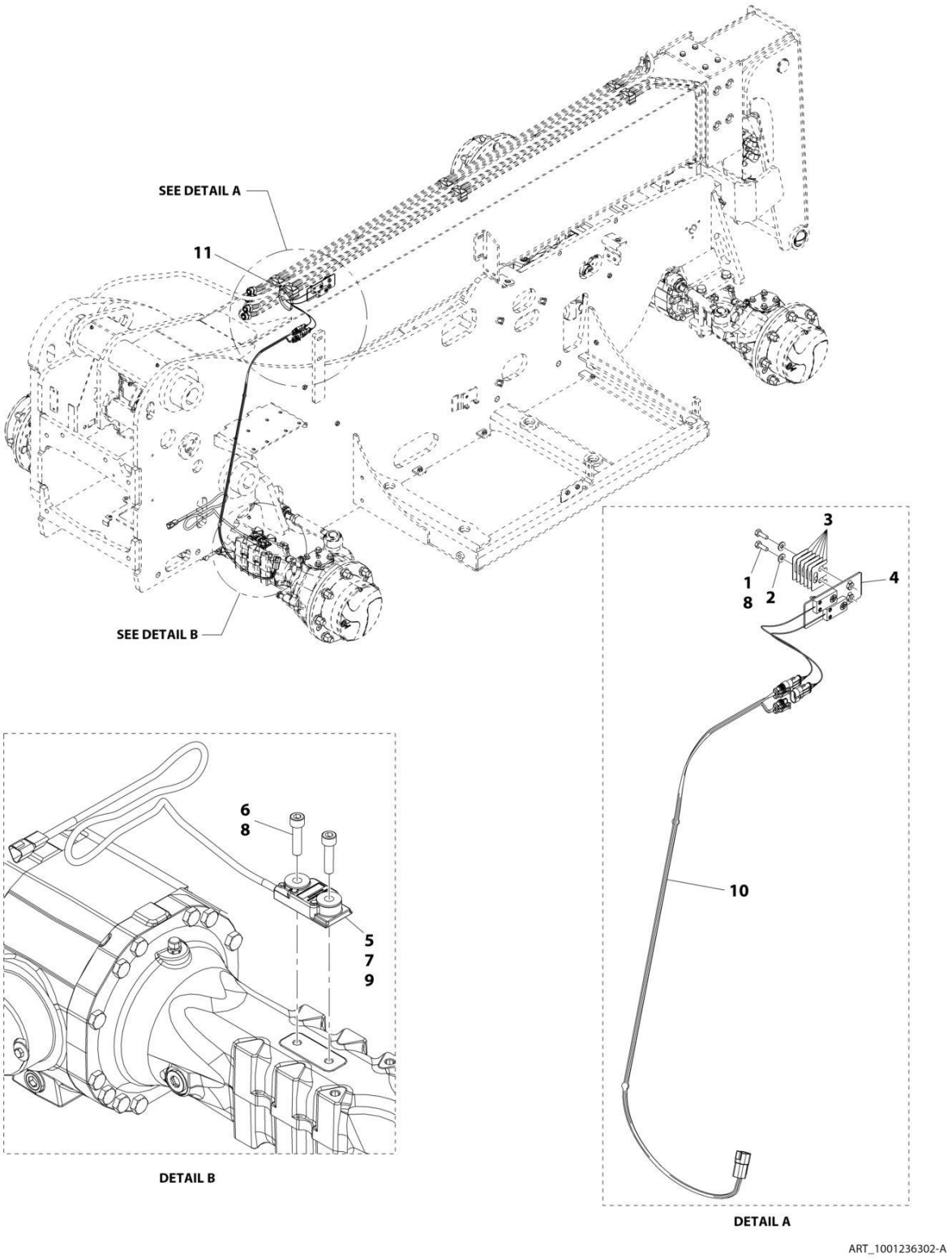
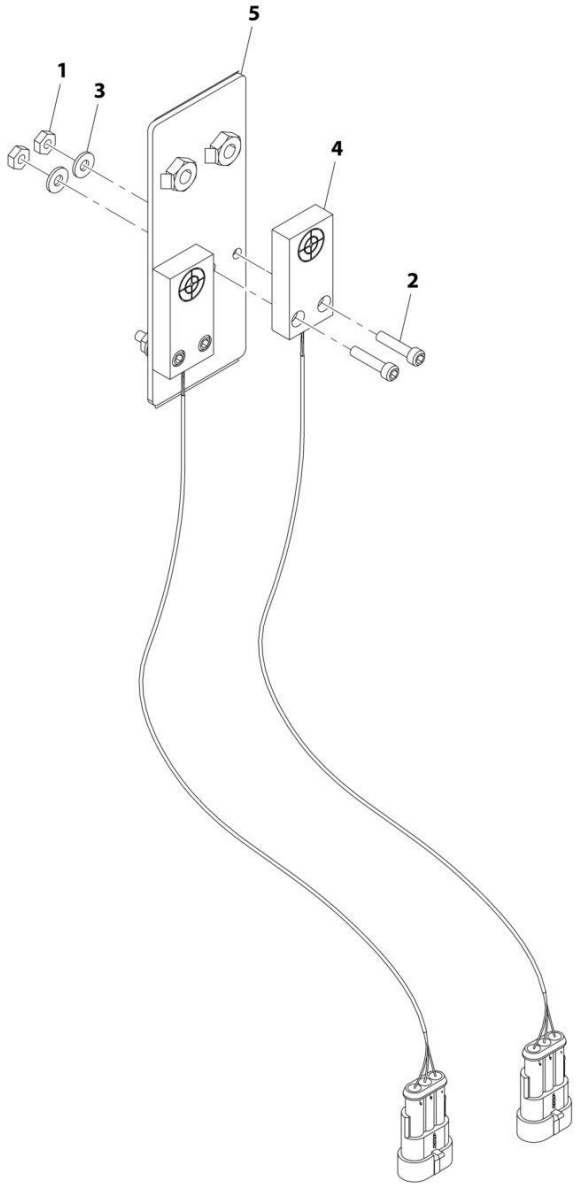


FIGURE 10-8. BOOM SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236302	Ref	Boom Sensor Installation	B
1	0641406	2	Bolt 1/4 x 3/4	
2	4711400	2	Washer 1/4	
3	1001121953	6	Shim	
4	1001236272	1	Installation, Boom Sensor Assembly (See Separate Breakdown in this Section)	
5	1001289105	1	Rear Axle LSI Sensor	
6	5272012	2	Bolt M10 x 40	
7	1001125465	AR	Adhesive	
8	1001289296	AR	Adhesive	
9	1001116128	AR	Seal	
10	1001129801	1	Boom Sensor Harness (See Separate Breakdown in this Section)	
11	8584003	AR	Tie Wrap	

FIGURE 10-9. BOOM SENSOR ASSEMBLY



ART_1001236272-A

FIGURE 10-9. BOOM SENSOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236272	Ref	Boom Sensor Assembly Installation	A
1	3310805	4	Hex Locknut, 8-32, GR2	
2	3930812	4	Socket HD Capscrew, 8-32X3/4	
3	4750800	4	Washer, M8	
4	1001121021	2	Proximity Sensor	
5	1001236337	1	Bracket	

FIGURE 10-10. BOOM SENSOR HARNESS

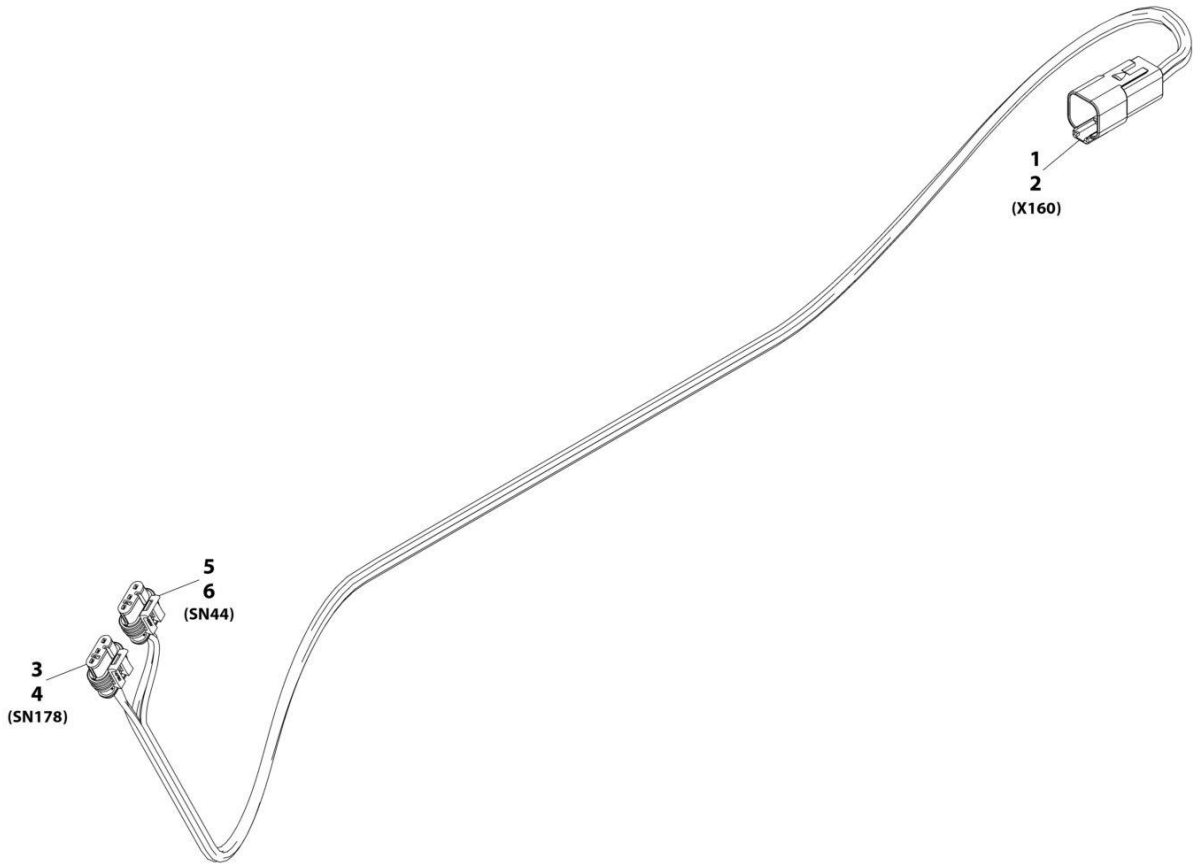
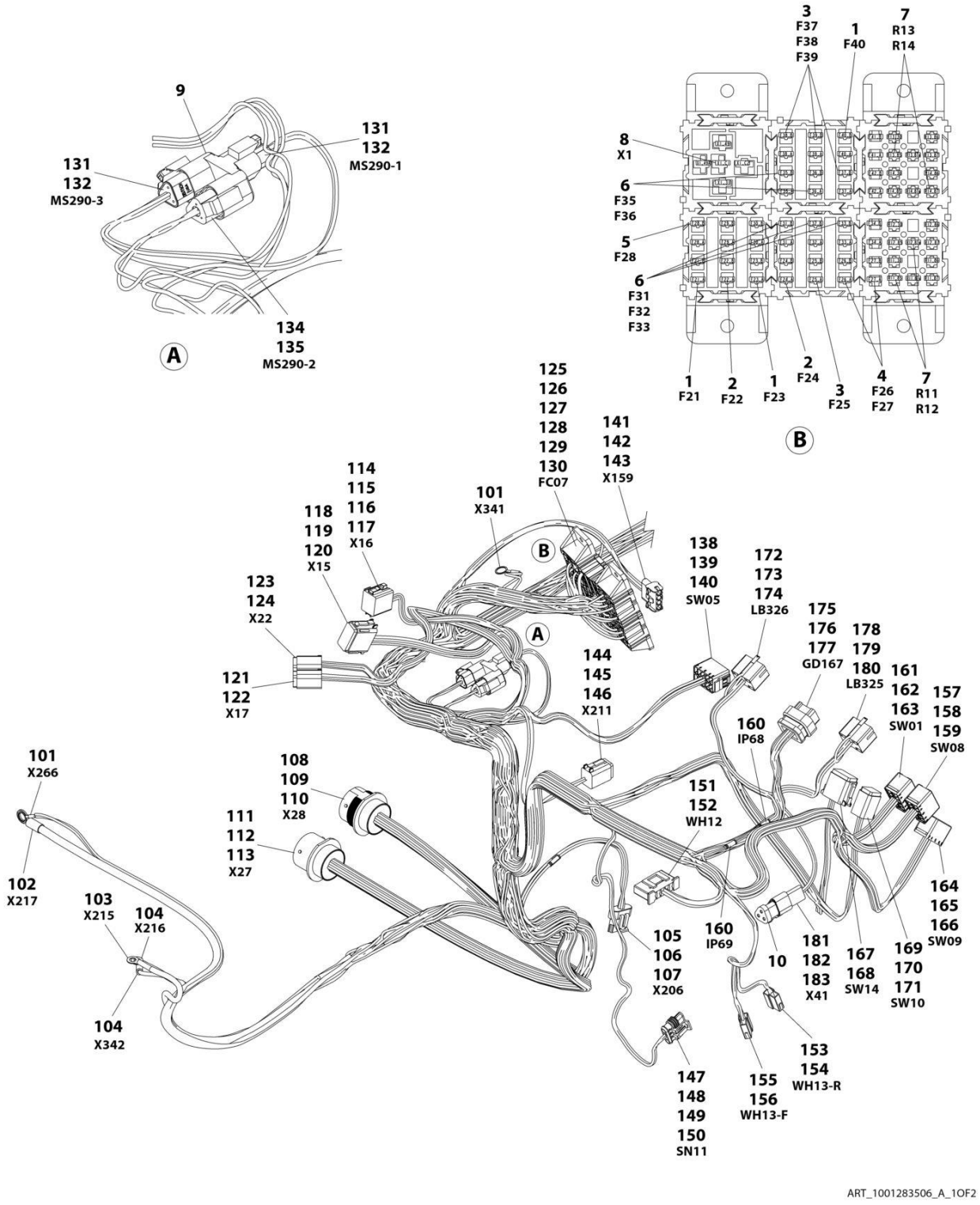
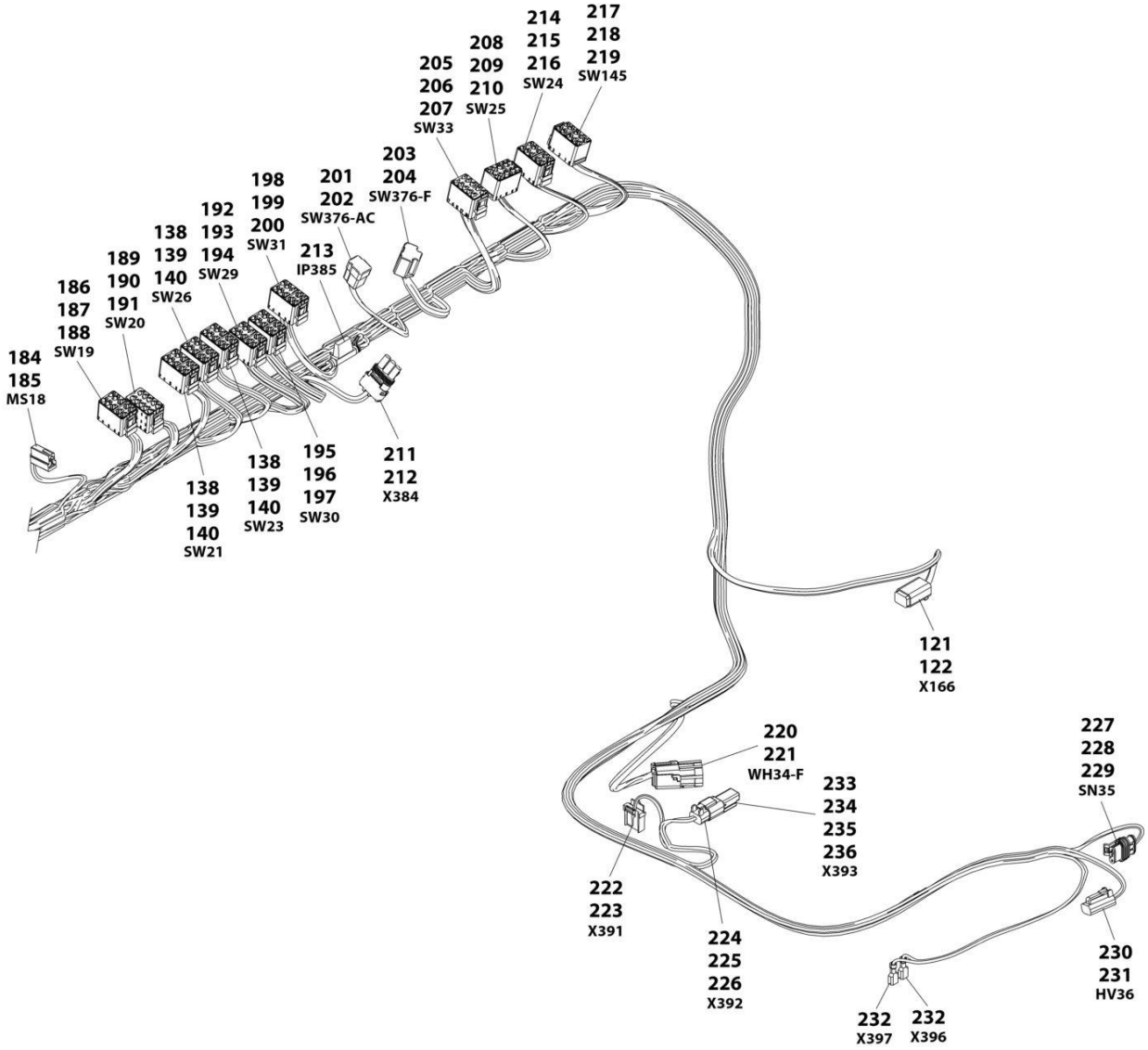


FIGURE 10-10. BOOM SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129801	Ref	Boom Sensor Harness	A
1	4460899	1	Connector	
2	4460464	6	Terminal	
3	4461262	1	Connector	
4	1001107854	3	Terminal	
5	4461262	1	Connector	
6	1001107854	3	Terminal	

FIGURE 10-11. CAB HARNESS





ART_1001283506_A_2OF2

FIGURE 10-11. CAB HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283506	Ref	CAB HARNESS	A
1	80983191	3	Fuse 10Amp	
2	8229242	2	Fuse 5Amp	
3	8229244	4	Fuse 15Amp	
4	8229246	2	Fuse 20Amp	
5	8229245	1	Fuse 30Amp	
6	8229243	6	Fuse 7.5Amp	
7	1001095704	4	Relay 35Amp	
8	1001100781	1	Relay 10Amp	
9	4460945	1	Connector - 3 Way	
10	1001116815	1	Terminator	
101	4460019	2	Ring Terminal	
102	8220115	1	Ring Terminal	
103	1001117106	1	Ring Terminal	
104	4460043	2	Ring Terminal	
105	1001230931	1	Connector	
106	1001116748	5	Terminal	
107	1001116751	1	Plug	
108	1001121961	1	Connector	
109	4460465	28	Terminal	
110	4460466	3	Plug	
111	1001116920	1	Connector	
112	4460464	30	Terminal	
113	4460466	1	Plug	
114	4460851	1	Connector	
115	4460465	4	Terminal	
116	4460942	2	Terminal	
117	4460466	2	Plug	
118	4460933	1	Connector	
119	4460465	11	Terminal	
120	4460466	1	Plug	
121	4460884	2	Connector	
122	4460465	8	Terminal	
123	4460894	1	Connector	
124	4460465	6	Terminal	
125	1001080763	1	Fuse Holder	
126	1001116710	37	Terminal	
127	1001116711	4	Terminal	
128	1001116712	17	Terminal	
129	1001116735	5	Terminal	
130	4460419	1	Terminal	
131	1001116812	2	Connector	
132	4460465	6	Terminal	
134	4460539	1	Connector	
135	4460465	3	Terminal	
138	1001117081	4	Connector	
139	1001116723	16	Terminal	
140	1001118385	8	Terminal	
141	4460761	1	Connector	
142	4460267	3	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
143	4460705	2	Terminal	
144	4460894	1	Connector	
145	4460465	3	Terminal	
146	4460466	3	Plug	
147	1001103012	1	Connector	
148	1001116698	2	Plug	
149	1001107854	2	Terminal	
150	1001104498	2	Seal	
151	1001127066	1	Connector	
152	1001118385	4	Terminal	
153	4460994	1	Connector	
154	1001118385	2	Terminal	
155	4460994	1	Connector	
156	1001118385	3	Terminal	
157	1001117081	1	Connector	
158	1001116723	8	Terminal	
159	1001118385	3	Terminal	
160	3990013	2	Diode	
161	1001117081	1	Connector	
162	1001116723	6	Terminal	
163	1001118385	1	Terminal	
164	1001117081	1	Connector	
165	1001116723	4	Terminal	
166	1001118385	4	Terminal	
167	4460930	1	Connector	
168	4460465	8	Terminal	
169	4460894	1	Connector	
170	4460465	5	Terminal	
171	4460466	1	Plug	
172	1001117119	1	Connector	
173	1001116723	4	Terminal	
174	1001118385	2	Terminal	
175	4460872	1	Connector	
176	4460871	13	Terminal	
177	4460905	2	Plug	
178	1001117119	1	Connector	
179	1001116723	6	Terminal	
180	1001118385	1	Terminal	
181	4460536	1	Connector	
182	4460464	2	Terminal	
183	4460466	1	Plug	
184	4460994	1	Connector	
185	1001118385	2	Terminal	
186	1001117081	1	Connector	
187	1001118385	4	Terminal	
188	1001116723	6	Terminal	
189	1001117082	1	Connector	
190	1001118385	3	Terminal	
191	1001116723	8	Terminal	
192	1001117081	1	Connector	
193	1001118385	5	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
194	1001116723	6	Terminal	
195	1001117081	1	Connector	
196	1001118385	4	Terminal	
197	1001116723	6	Terminal	
198	1001117081	1	Connector	
199	1001118385	6	Terminal	
200	1001116723	2	Terminal	
201	1001117059	1	Connector	
202	1001116736	3	Terminal	
203	1001117080	1	Connector	
204	1001116723	5	Terminal	
205	1001117079	1	Connector	
206	1001118385	4	Terminal	
207	1001116723	8	Terminal	
208	1001117081	1	Connector	
209	1001116723	4	Terminal	
210	1001118385	1	Terminal	
211	4460459	1	Connector	
212	4460457	3	Terminal	
213	2400060	1	Fuse Holder	
214	1001117081	1	Connector	
215	1001118385	5	Terminal	
216	1001116723	2	Terminal	
217	1001117081	1	Connector	
218	1001118385	3	Terminal	
219	1001116723	6	Terminal	
220	80963062	1	Connector	
221	4460475	4	Terminal	
222	1001197624	1	Connector	
223	1001197714	3	Terminal	
224	4460891	1	Connector	
225	4460465	2	Terminal	
226	4460897	1	Connector, Termination	
227	4461262	1	Connector	
228	1001107854	3	Terminal	
229	1001104498	3	Seal	
230	4460891	1	Connector	
231	4460465	2	Terminal	
232	8220051	2	Blade Terminal	
233	4460897	1	Connector	
234	4460464	2	Pin	
235	1001218381	1	Resistor	
236	1001135350	1	Cap	

FIGURE 10-12. CAB A/C CONDENSER HANRESS

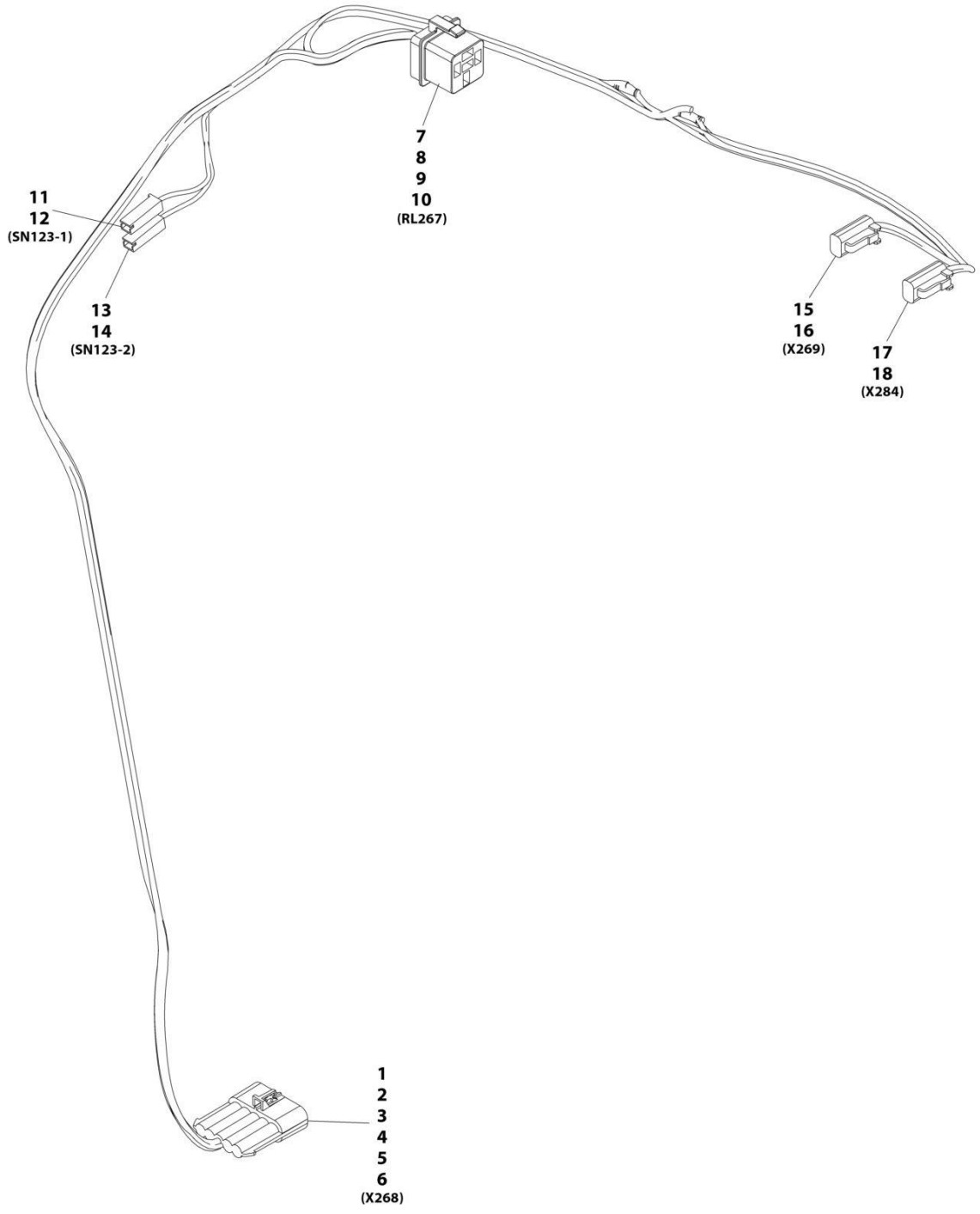
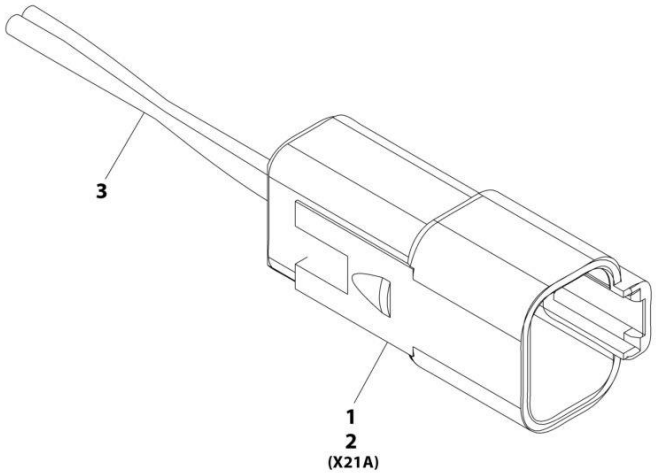


FIGURE 10-12. CAB A/C CONDENSER HANRESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142236	Ref	Condensor Fan Harness	B
1	1001121727	1	Connector	
2	8220162	2	Terminal	
3	1001116729	2	Terminal	
4	1001116727	1	Plug	
5	8220089	2	Seal	
6	4460458	2	Seal	
7	4460374	1	Connector	
8	1001116734	2	Terminal	
9	1001116733	2	Terminal	
10	1001128128	1	Plug	
11	4460260	1	Connector	
12	4460259	1	Terminal	
13	4460260	1	Connector	
14	4460259	1	Terminal	
15	4460891	1	Connector	
16	4460942	2	Terminal	
17	4460891	1	Connector	
18	4460942	2	Terminal	

FIGURE 10-13. CAB JUMPER HARNESS



ART_1001100966-B

FIGURE 10-13. CAB JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100966	Ref	Jumper Harness	B
1	4460464	4	Terminal	
2	4460932	1	Connector	
3	4920017	0.5 ft	Wire	

FIGURE 10-14. CAB MODE SELECT HARNESS

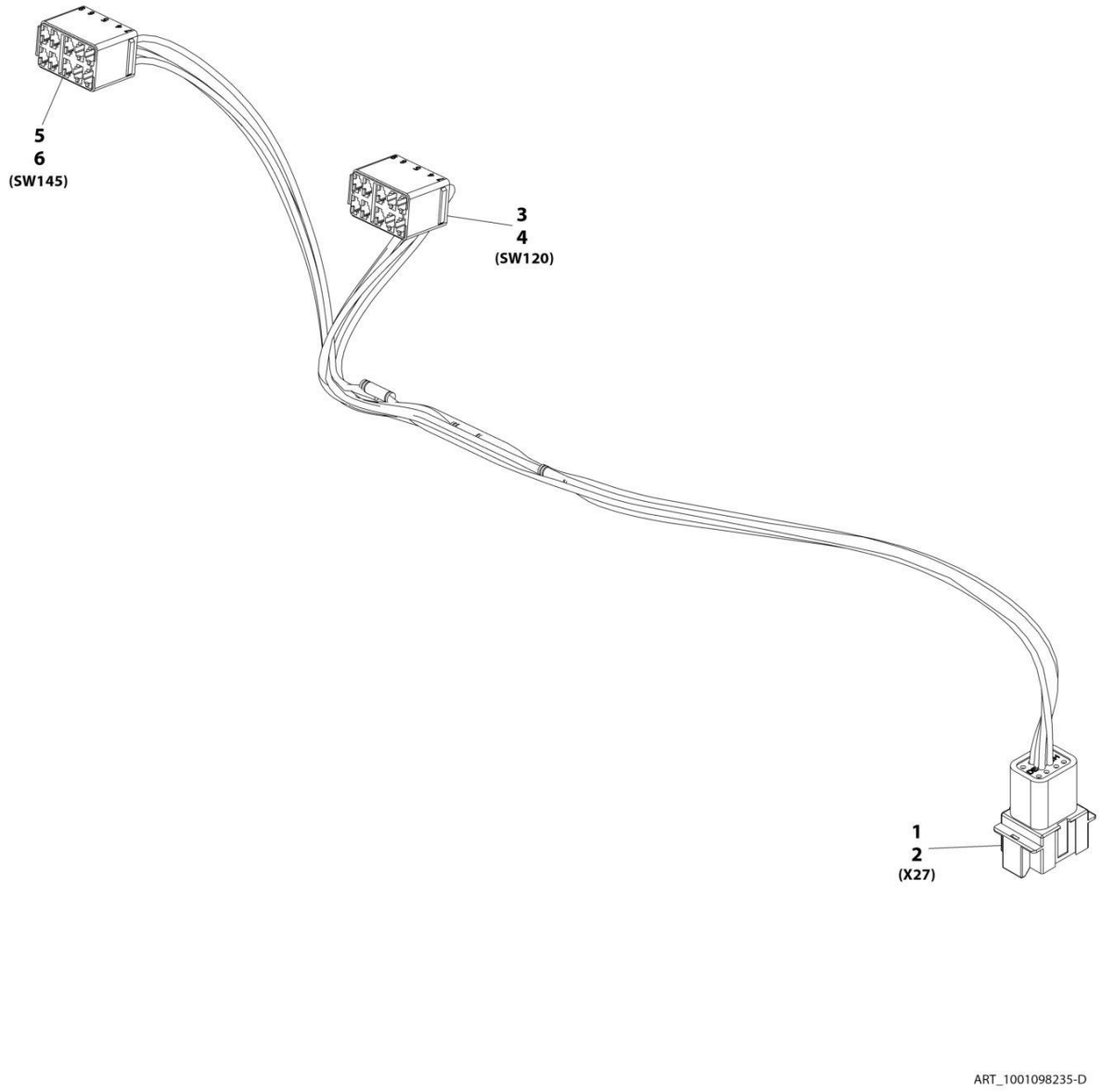


FIGURE 10-14. CAB MODE SELECT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001098235	Ref	Mode Select Harness	D
1	4460931	1	Connector	
2	4460464	8	Terminal	
3	1001117081	1	Connector	
4	1001104519	7	Terminal	
5	1001117081	1	Connector	
6	1001104519	4	Terminal	

FIGURE 10-15. CAB ROOF HARNESS

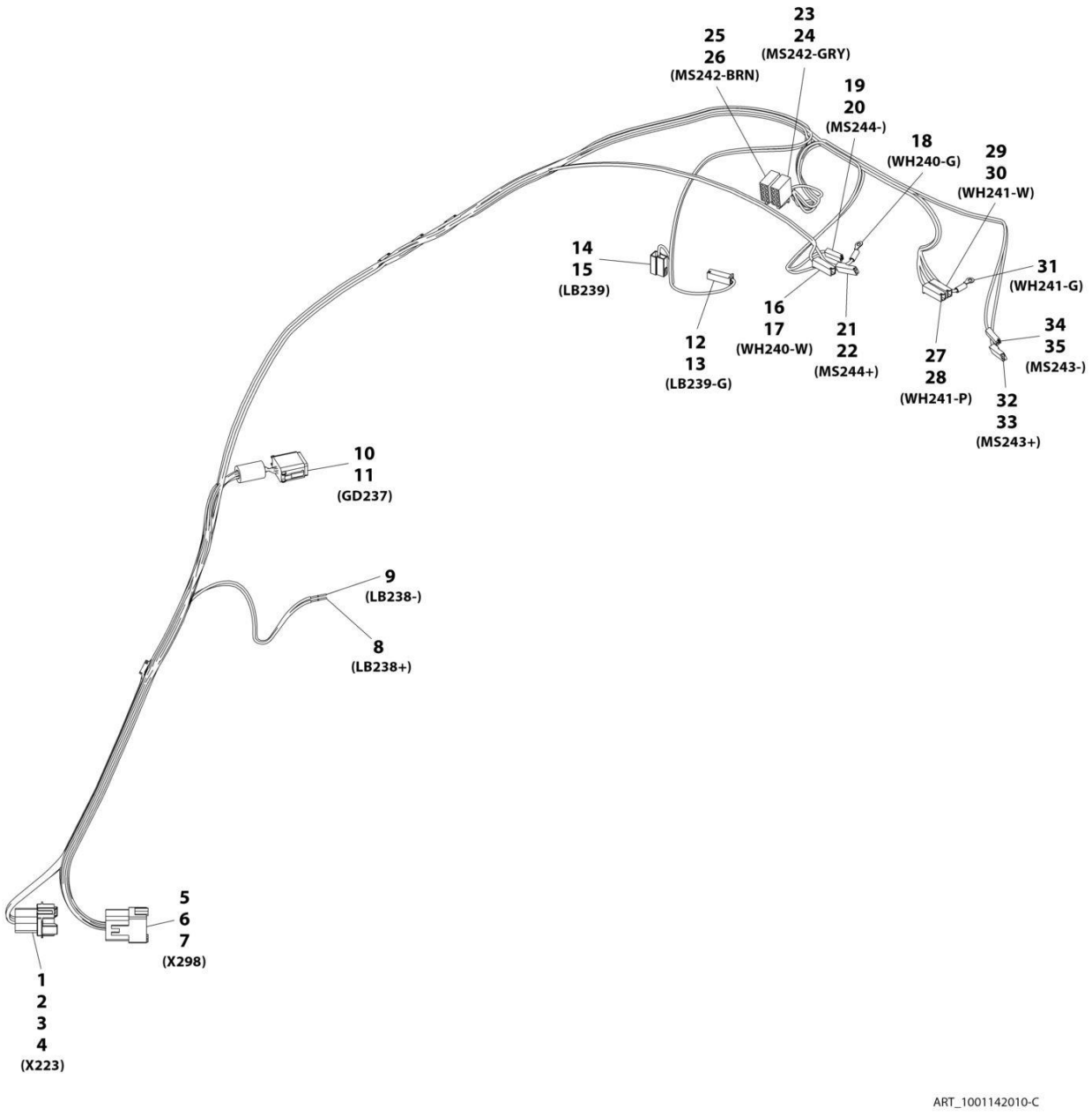


FIGURE 10-15. CAB ROOF HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142010	Ref	Cab Roof Harness	C
1	1001116813	1	Connector	
2	4460464	3	Terminal	
3	4460941	3	Terminal	
4	4460466	2	Plug	
5	4460970	1	Connector	
6	4460464	11	Terminal	
7	4460466	1	Plug	
8	1001118387	1	Terminal, Ring	
9	1001118387	1	Terminal, Ring	
10	4460930	1	Connector	
11	4460465	9	Terminal	
12	4460260	1	Connector	
13	4460259	1	Terminal	
14	4460994	1	Connector	
15	1001118385	1	Terminal	
16	4460260	1	Connector	
17	4460259	1	Terminal	
18	8220007	1	Terminal, Ring	
19	1001117002	1	Connector	
20	1001116705	1	Terminal	
21	1001116982	1	Connector	
22	1001118379	1	Terminal	
23	1001116985	1	Connector	
24	1001116710	3	Terminal	
25	1001116984	1	Connector	
26	1001116710	4	Terminal	
27	4460260	1	Connector	
28	4460259	1	Terminal	
29	4460260	1	Connector	
30	4460259	1	Terminal	
31	8220007	1	Terminal, Ring	
32	1001116982	1	Connector	
33	1001118379	1	Terminal	
34	1001117002	1	Connector	
35	1001116705	1	Terminal	

FIGURE 10-16. CAMERA INSTALLATION - BACK-UP

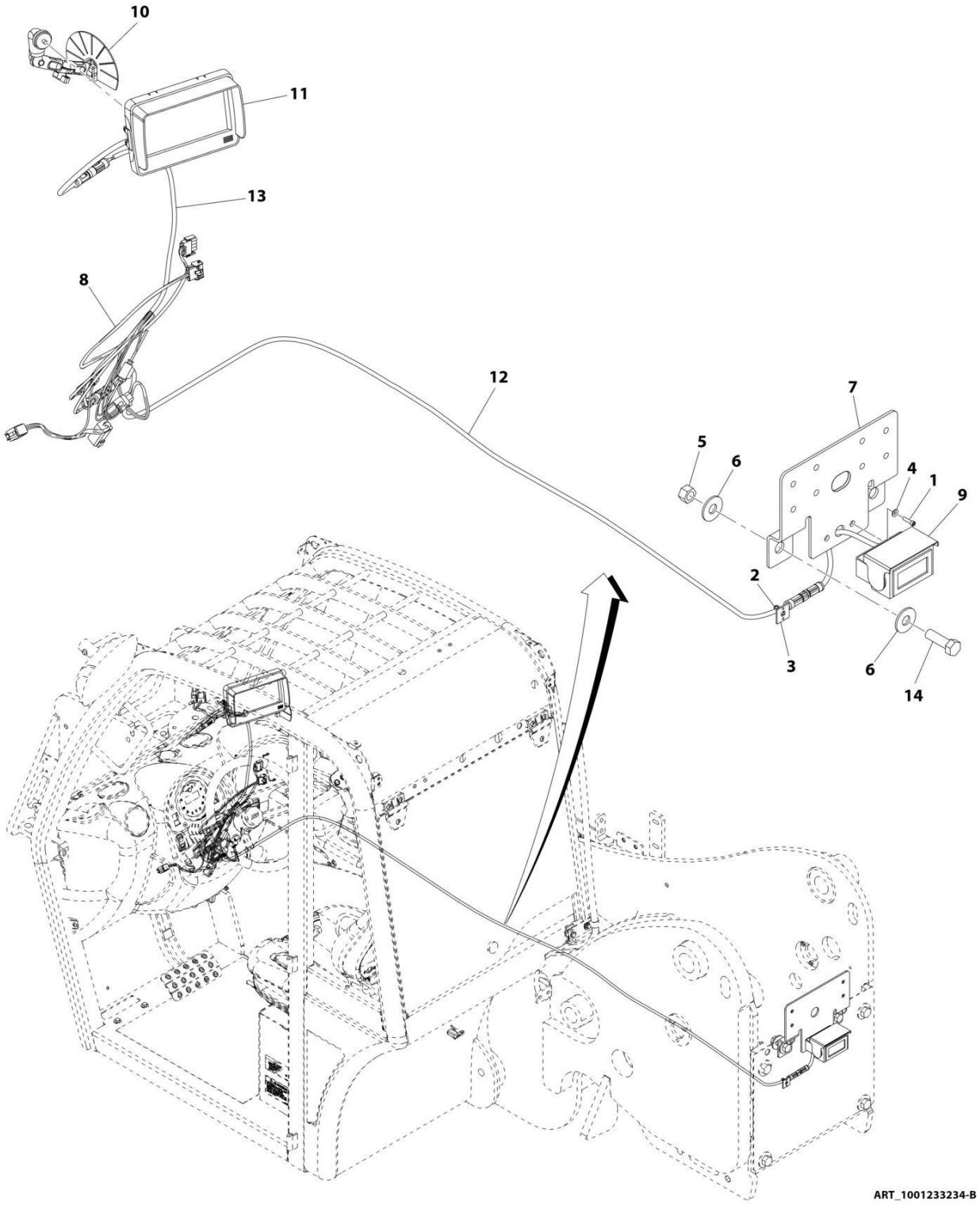


FIGURE 10-16. CAMERA INSTALLATION - BACK-UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233234	Ref	Back-Up Camera Installation	B
1	3931012	2	Bolt, #10-24X3/4	
2	4240032	15	Strap, Tie	
3	4460234	1	Terminal	
4	4711000	2	Washer, #10	
5	3312005	2	Nut, Lock 5/8-11	
6	4752000	4	Washer, 5/8	
7	1001233831	1	Bracket, Camera Mount	
8	1001243201	1	Harness, Rear Camera (See Separate Breakdown in Electrical Section)	
9	1001233174	1	Camera, Rear View	
10	1001233199	1	Bracket, Monitor Mount	
11	1001233202	1	Montior	
12	1001233434	1	Camera Harness, Extension Cable	
13	1001233435	1	Harness, Back-Up Camera	
14	0642016	2	Bolt, 5/8-11X2	

FIGURE 10-17. CAMERA HARNESS - BACK-UP

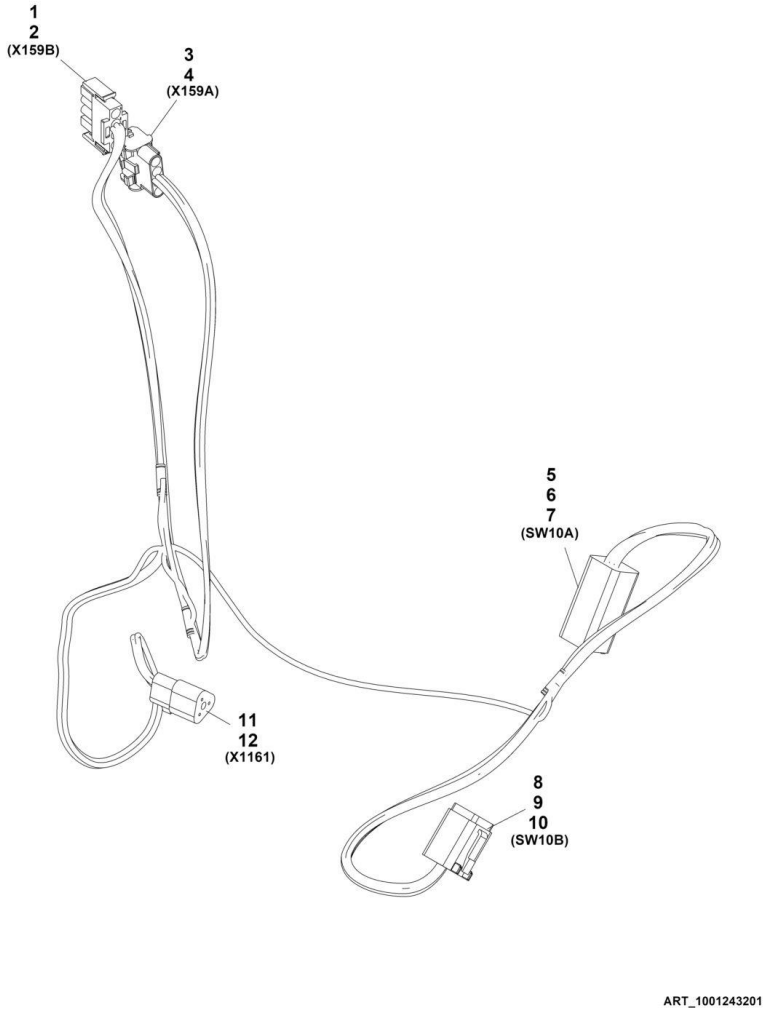


FIGURE 10-17. CAMERA HARNESS - BACK-UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243201	1	Rear Camera Option Harness	A
1	1001119031	1	Connector	
2	4460268	4	Terminal	
3	4460761	1	Connector	
4	4460267	4	Terminal	
5	4460899	1	Connector	
6	4460464	5	Terminal	
7	4460466	1	Plug	
8	4460894	1	Connector	
9	4460465	5	Terminal	
10	4460466	1	Plug	
11	4460539	1	Connector	
12	4460465	3	Terminal	

FIGURE 10-18. CLEARSKY INSTALLATION - WITH AC

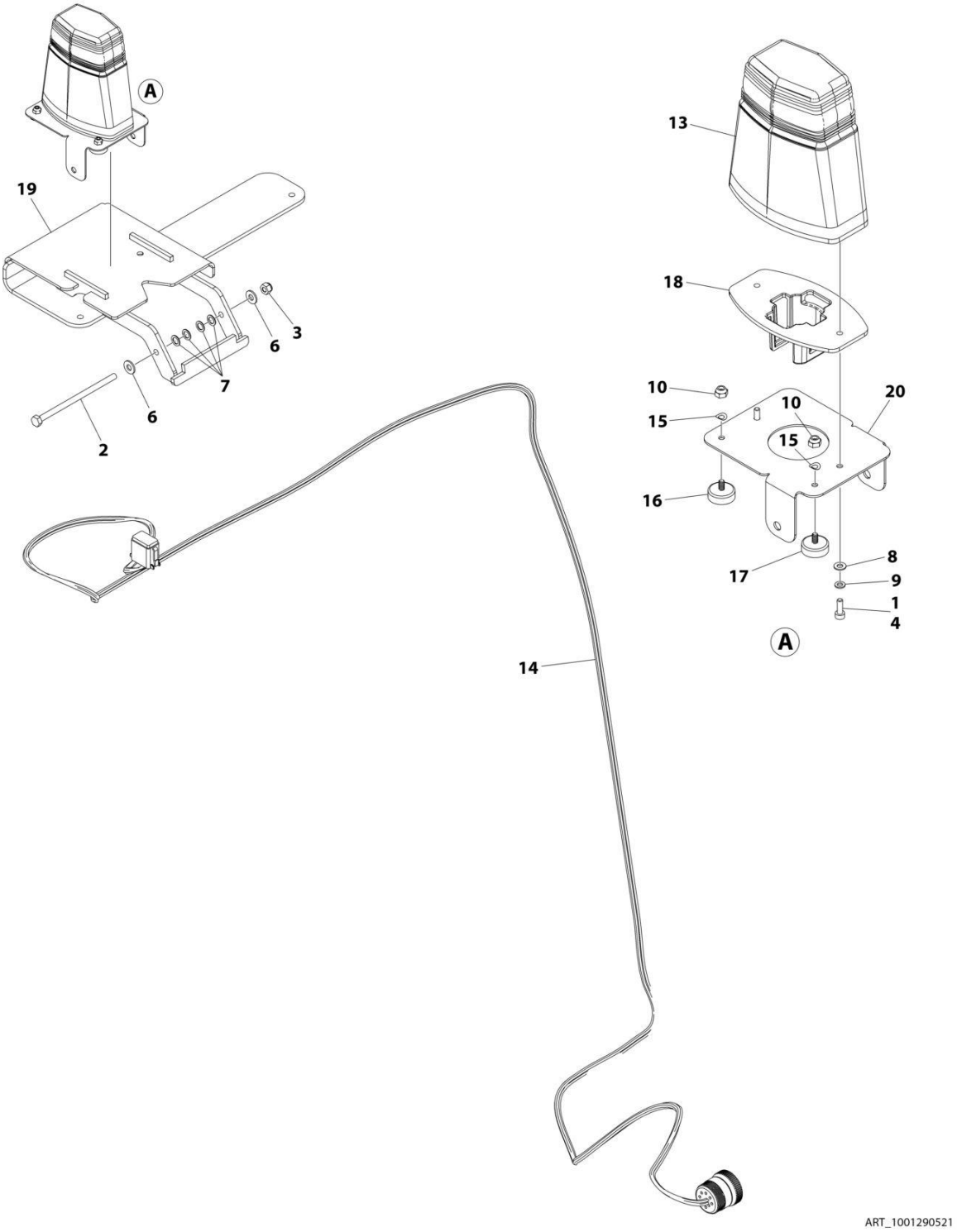


FIGURE 10-18. CLEARSKY INSTALLATION - WITH AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290521	Ref	CLEARSKY INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0641438	1	Bolt 1/4 x 4-3/4	
3	3300449	1	Nut 1/4	
5	4460488	AR	Mount, Tie-Strap (Not Shown)	
6	4711400	2	Washer 1/4	
7	4740428	4	Washer 5/16	
8	4811400	2	Washer M4	
9	4831400	2	Washer M4	
10	8310410	2	Nut #8	
11	8881802	AR	Tie-Strap (7in - 8in) (Not Shown)	
12	1001146588	AR	Tie-Strap (8mm Post) (Not Shown)	
13	1001280661	1	Module, ClearSky	
14	1001288628	1	Harness, ClearSky (See Separate Breakdown in this Section)	
15	1001289299	2	Washer #8	
16	1001289300	1	Magnet, Studded (16mm Diameter)	
17	1001289301	1	Magnet, Studded (20mm Diameter)	
18	1001289648	1	Plate, Anti-Tamper	
19	1001289957	1	Bracket, ClearSky Mounting	
20	1001289958	1	Mount, ClearSky Pivot	
21	3290401	2	Nut M4	
22	1001291056	2	Gasket	

FIGURE 10-19. CLEARSKY INSTALLATION - WITHOUT AC

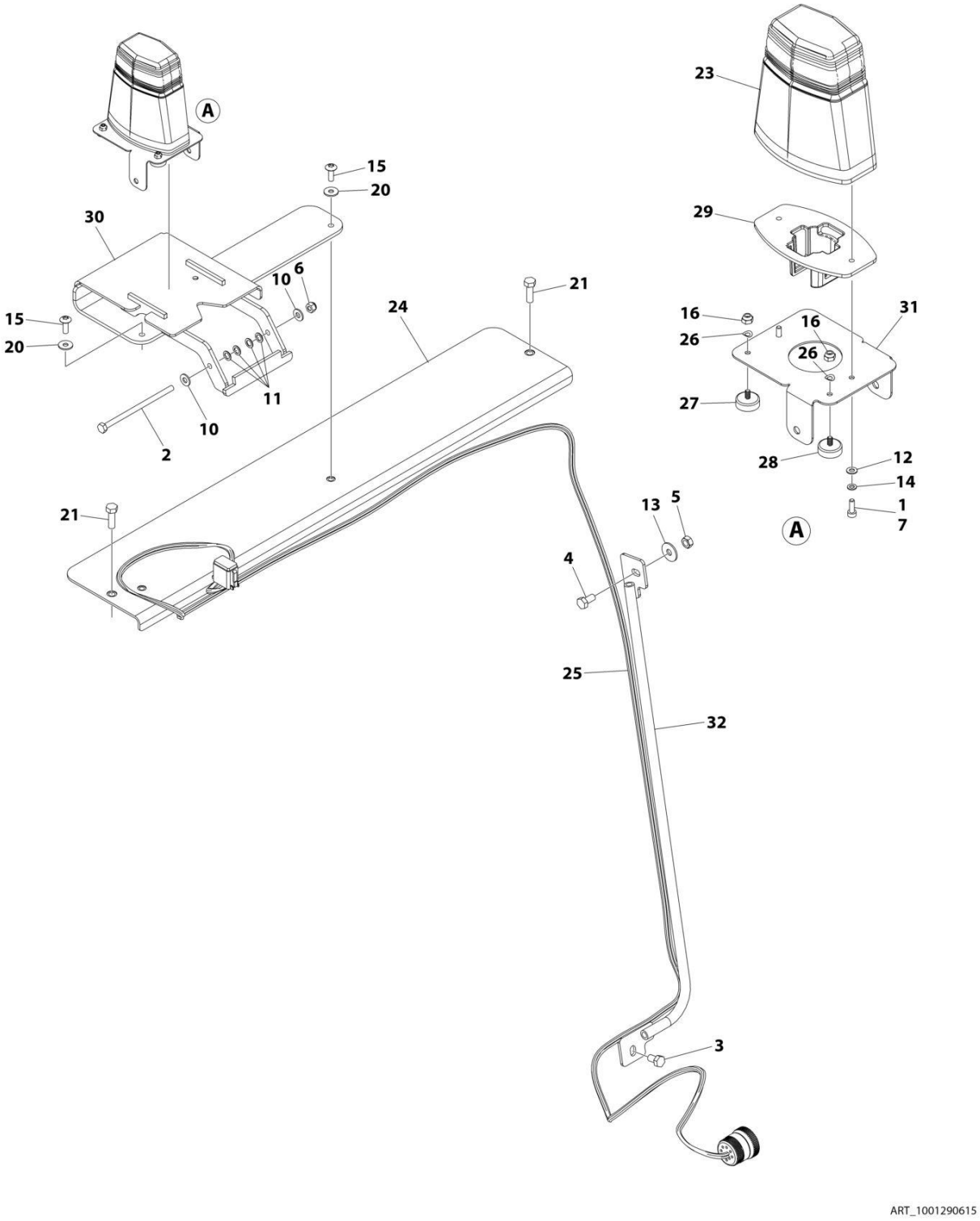


FIGURE 10-19. CLEARSKY INSTALLATION - WITHOUT AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290615	Ref	CLEARSKY INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0641438	1	Bolt 1/4 x 4-3/4	
3	0760807	1	Bolt M8 x 14	
4	0760808	1	Bolt M8 x 16	
5	3290801	1	Nut M8	
6	3300449	1	Nut 1/4	
8	4240032	AR	Tie-Strap (3-5/8in - 4in)(Not Shown)	
9	4460488	AR	Mount, Tie-Strap (Not Shown)	
10	4711400	2	Washer 1/4	
11	4740428	4	Washer 5/16	
12	4811400	2	Washer M4	
13	4811902	1	Washer M8	
14	4831400	2	Washer, Lock M4	
15	8303034	2	Screw 1/4 x 3/4	
16	8310410	2	Nut, Lock #8	
17	8881802	AR	Tie-Strap (7in - 8in) (Not Shown)	
18	1001008559	AR	Tie-Strap (7in - 8in) (Not Shown)	
19	1001146588	AR	Tie-Strap (8mm Post) (Not Shown)	
20	1001150509	2	Washer M6	
21	1001151088	2	Bolt 5/16 x 1	
22	1001273793	AR	Fir Tree (10-1/2mm post) (Not Shown)	
23	1001280661	1	Module, ClearSky	
24	1001287728	1	Mount	
25	1001288628	1	Harness, ClearSky (See Separate Breakdown in this Section)	
26	1001289299	2	Washer #8	
27	1001289300	1	Magnet, Studded (16mm Diameter)	
28	1001289301	1	Magnet, Studded (20mm Diameter)	
29	1001289648	1	Plate, Anti-Tamper	
30	1001289957	1	Bracket, ClearSky Mounting	
31	1001289958	1	Mount, ClearSky Pivot	
32	1001292277	1	Support, Harness	
33	3290401	2	Nut M4	
34	1001291056	2	Gasket	

FIGURE 10-20. ELECTRICAL HARNESS CAPS INSTALLATION

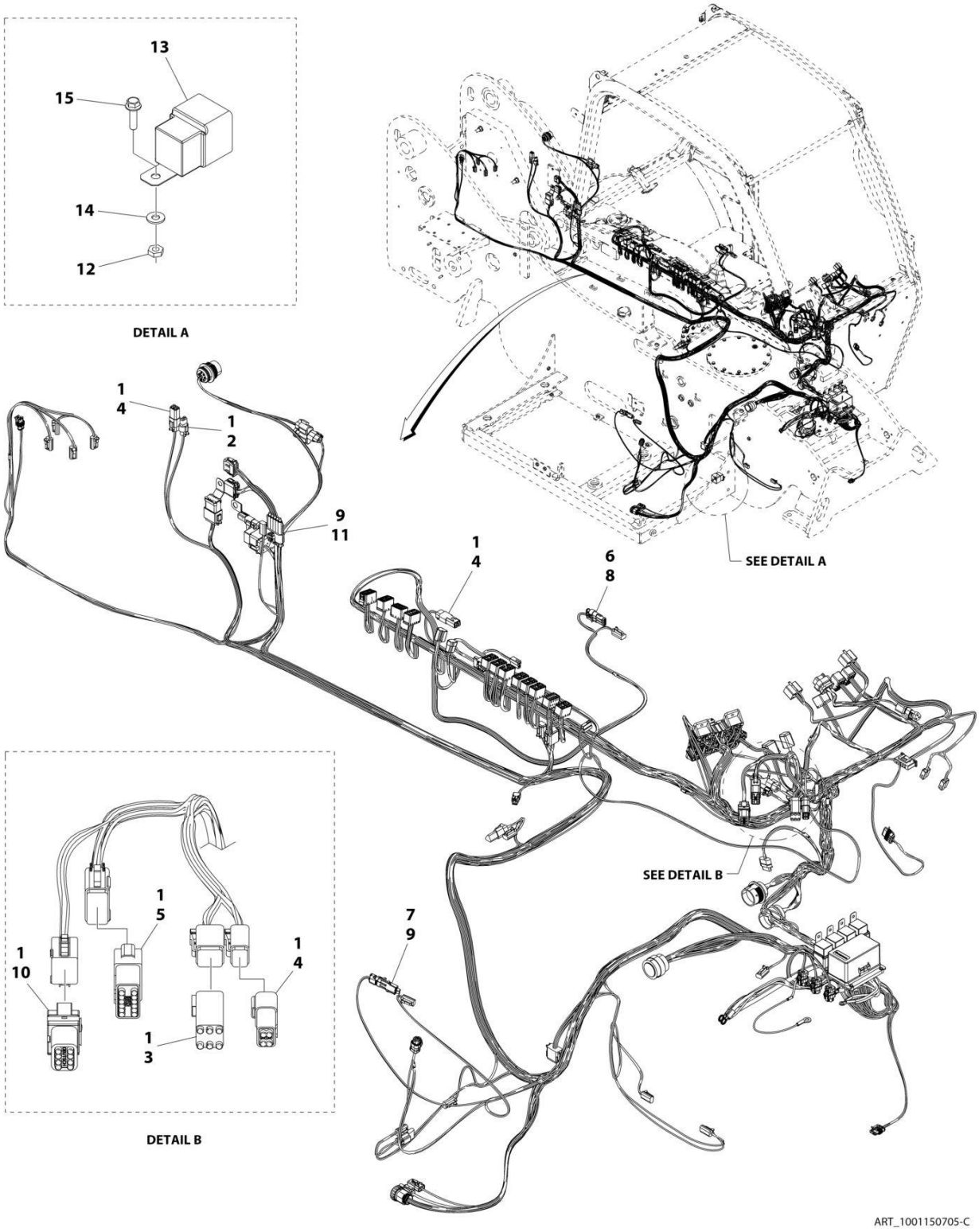


FIGURE 10-20. ELECTRICAL HARNESS CAPS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150705	Ref	Electrical Harness Caps Installation	C
1	4460466	40	Terminal Plug	
2	4460897	1	Terminal, 2 Position Receptacle	
3	4460899	1	Connector	
4	4460932	3	Connector	
5	4460970	1	Connector	
6	4461119	1	Connector	
7	80963058	1	Connector	
8	1001116698	3	Plug	
9	1001116727	7	Plug	
10	1001116813	1	Connector	
11	1001121727	1	Connector	
12	3311001	1	Hex Nut, 10-24, Gr2	
13	3740080	1	Relay	
14	4711000	1	Washer, M10	
15	77143016	1	Screw, 10-24X3/4	

FIGURE 10-21. ENGINE HARNESS

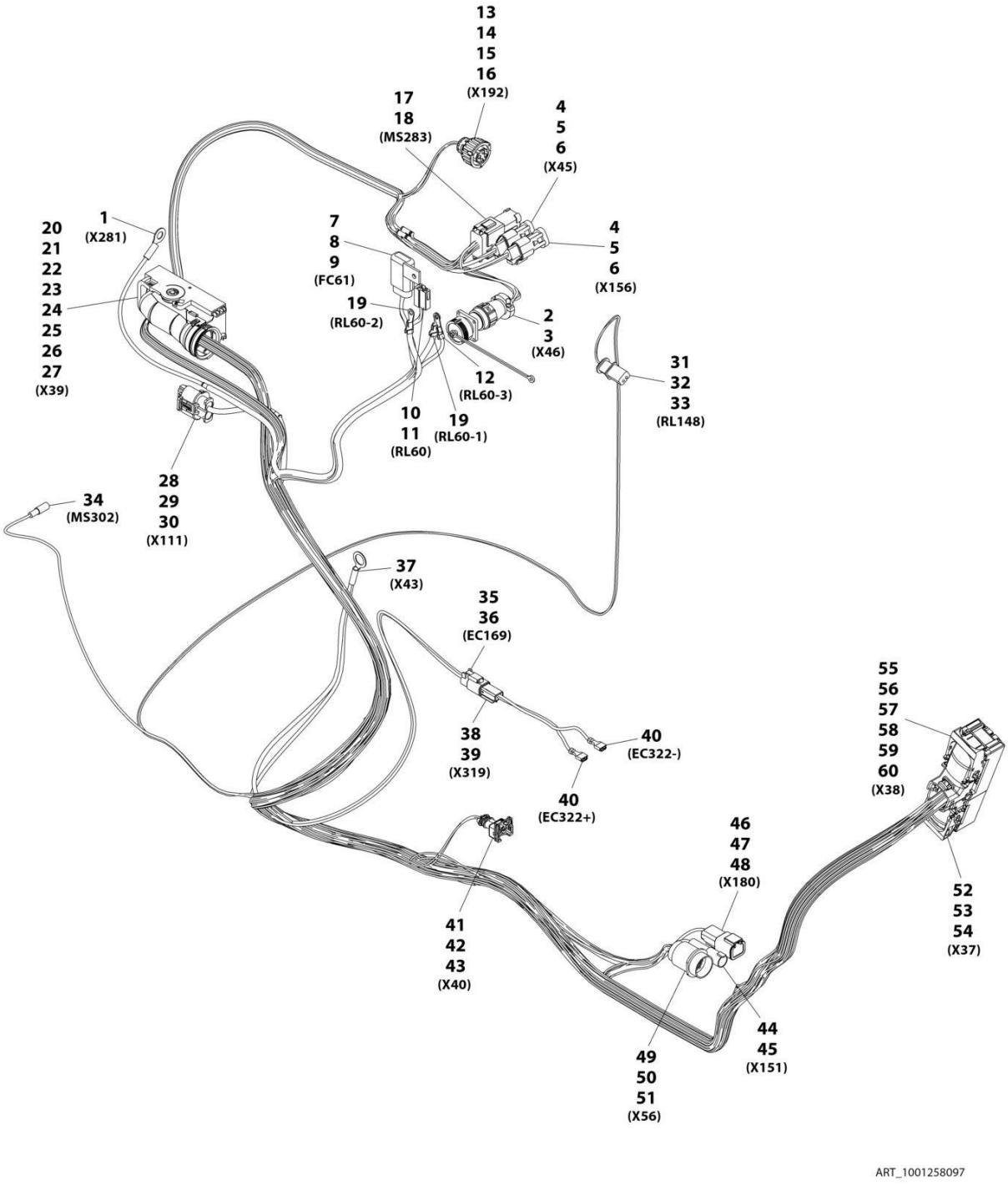


FIGURE 10-21. ENGINE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258097	1	ENGINE HARNESS	C
1	8220045	1	Terminal Ring	
2	2902443	1	Connector	
3	4461071	6	Terminal	
4	4461095	2	Connector	
5	4460465	4	Terminal	
6	4460466	2	Plug	
7	1001117022	1	Connector	
8	1001116734	1	Terminal	
9	1001116733	1	Terminal	
10	4460994	1	Connector	
11	1001116720	2	Terminal	
12	1001254186	1	Connector	
13	1001133714	1	Connector	
14	1001133715	3	Terminal	
15	1001135650	3	Seal	
16	1001135651	1	Plug	
17	4460933	1	Connector	
18	4460465	12	Terminal	
19	1001254187	2	Connector	
20	1001126362	1	Connector	
21	1001126363	18	Terminal	
22	1001126364	18	Seal	
23	1001126392	10	Terminal	
24	1001223459	10	Seal	
25	4461008	4	Plug	
26	1001126365	2	Terminal	
27	4461054	2	Seal	
28	1001142938	1	Connector	
29	1001142940	2	Terminal	
30	1001142941	2	Seal	
31	1001138110	1	Connector	
32	1001138111	2	Terminal	
33	1001138113	2	Seal	
34	1001117125	1	Connector	
35	4460891	1	Connector	
36	4460942	2	Terminal	
37	1001130900	1	Terminal Ring	
38	4460897	1	Connector	
39	4460941	2	Terminal	
40	8220051	2	Connector	
41	1001116983	1	Connector	
42	1001116706	2	Terminal	
43	1001137578	2	Seal	
44	1001116967	1	Connector	
45	91143339	1	Terminal	
46	4461017	1	Connector	
47	4460508	1	Terminal	
48	4460466	1	Plug	
49	1001116990	1	Connector	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001118380	14	Terminal	
51	1001118391	2	Plug	
52	1001133957	1	Connector	
53	1001126351	14	Terminal	
54	1001230934	15	Terminal	
55	1001133956	1	Connector	
56	1001182361	6	Terminal	
57	1001182365	6	Seal	
58	1001230934	22	Terminal	
59	1001126351	2	Terminal	
60	1001230935	6	Plug	

FIGURE 10-22. ENGINE ALTERNATOR CHARGING HARNESS

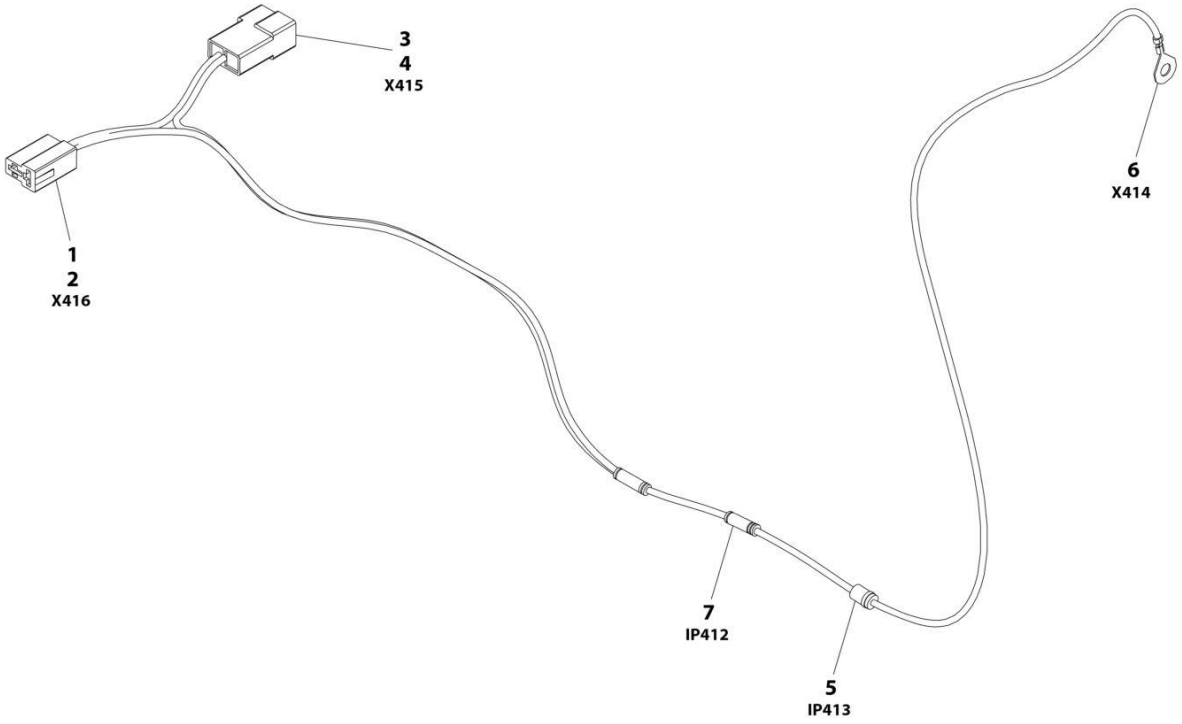
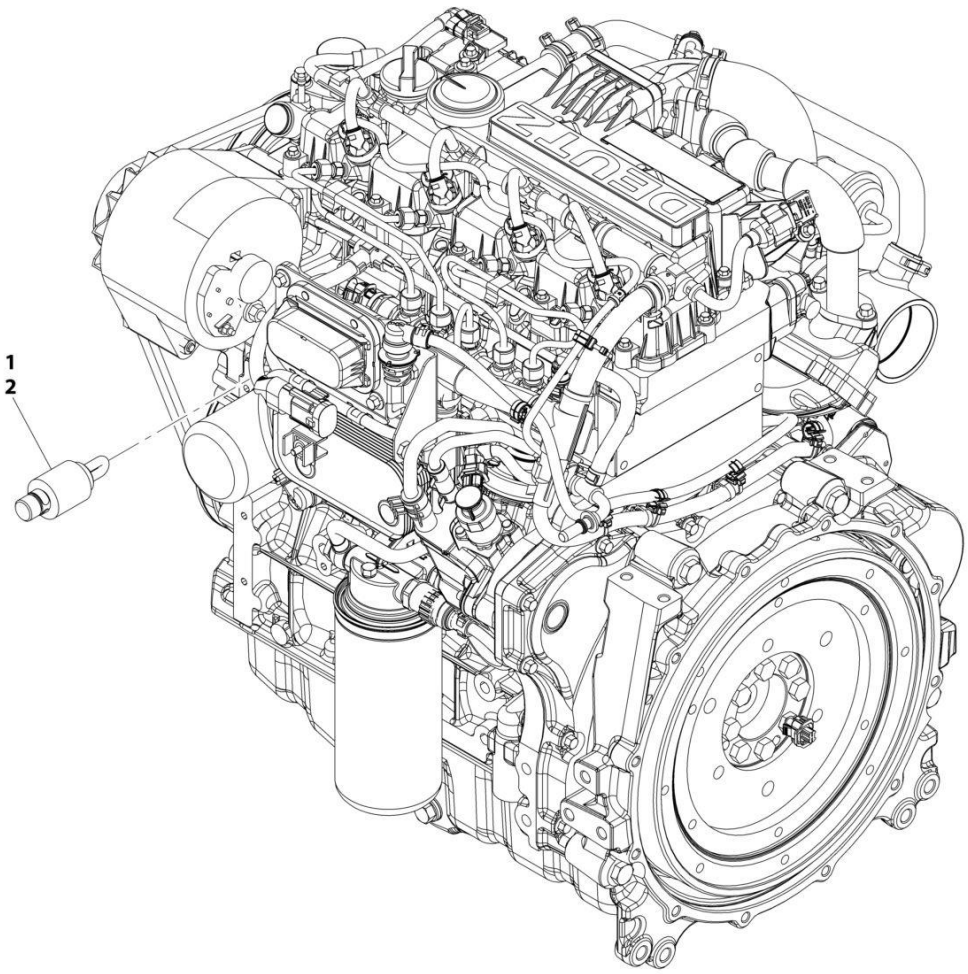


FIGURE 10-22. ENGINE ALTERNATOR CHARGING HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266291	Ref	ENGINE ALTERNATOR CHARGING HARNESS	A
1	4460994	1	Connector	
2	1001116720	2	Terminal	
3	1001160152	1	Connector	
4	1001116700	2	Terminal	
5	1001266611	1	Diode	
6	1001187070	1	Terminal, Ring	
7	1001197720	1	Resistor	

FIGURE 10-23. ENGINE BLOCK HEATER INSTALLATION (ANSI)

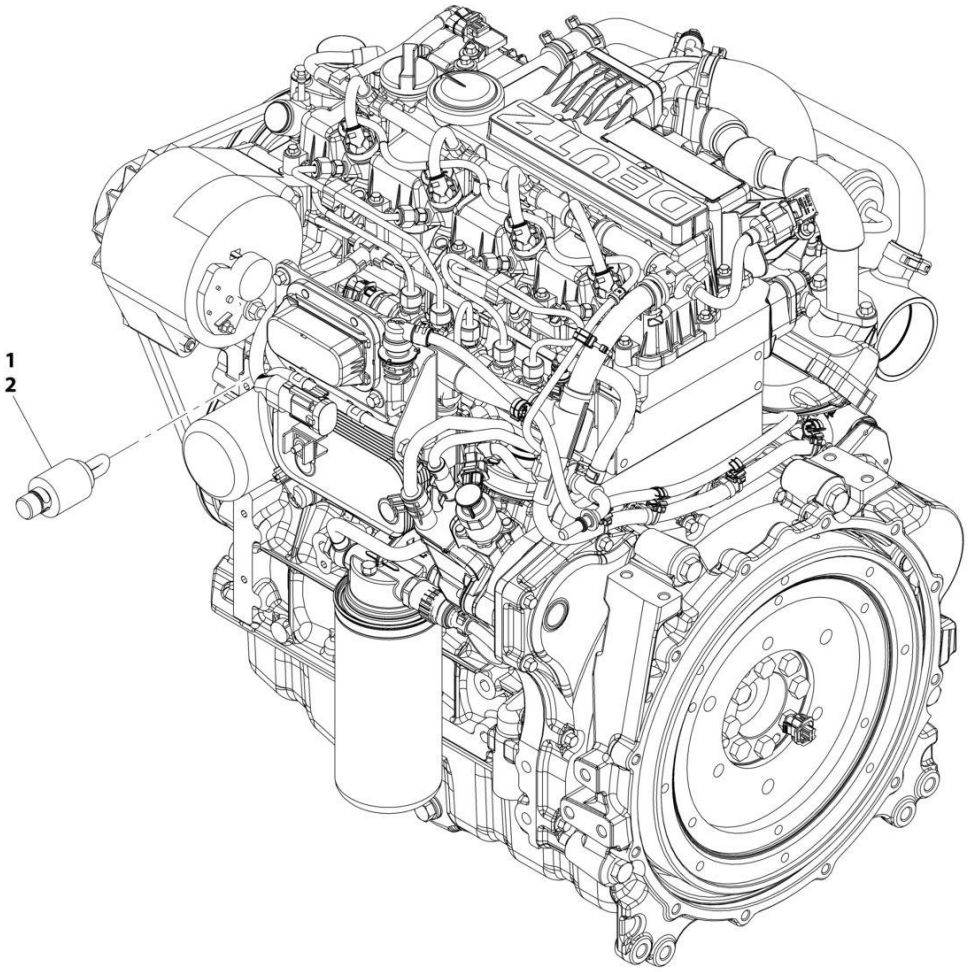


ART_1001139683-B

FIGURE 10-23. ENGINE BLOCK HEATER INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001139683	Ref	BLOCK HEATER INSTALLATION	B
1	1001095650	AR	Compound, Locking	
2	1001140312	1	Block Heater	

FIGURE 10-24. ENGINE BLOCK HEATER INSTALLATION (CE)



ART_1001159207-A

FIGURE 10-24. ENGINE BLOCK HEATER INSTALLATION (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159207	Ref	Block Heater Installation (CE)	A
1	1001095650	AR	Locking Compound	
2	1001159206	1	Block Heater (See Separate Breakdown in this Section)	

FIGURE 10-25. ENGINE BLOCK HEATER INSTALLATION (LS)

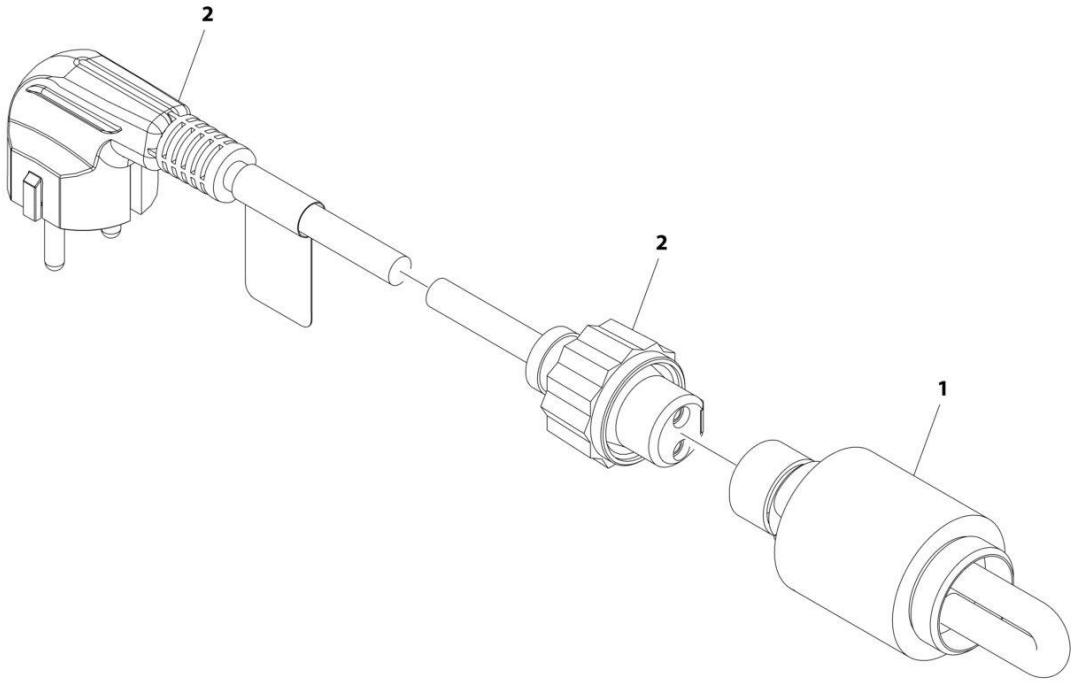


FIGURE 10-25. ENGINE BLOCK HEATER INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159206	Ref	Block Heater Installation (115V) (LS)	B
1	1001159204	1	Block Heater	
2	1001159205	1	Cable	

FIGURE 10-26. ENGINE START SWITCH JUMPER HARNESS

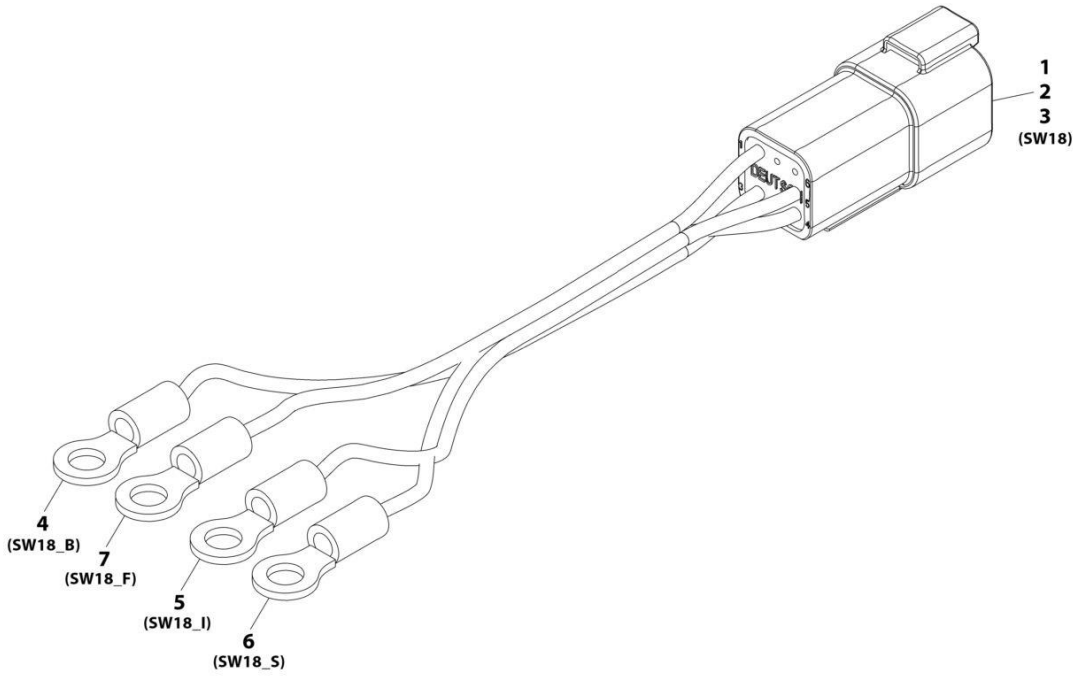


FIGURE 10-26. ENGINE START SWITCH JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100053	Ref	Start Switch Jumper Harness	B
1	4460899	1	Connector	
2	4460464	4	Terminal	
3	4460466	2	Terminal	
4	4460042	1	Terminal Ring	
5	4460042	1	Terminal Ring	
6	4460042	1	Terminal Ring	
7	4460042	1	Terminal Ring	

FIGURE 10-27. FRAME HARNESS

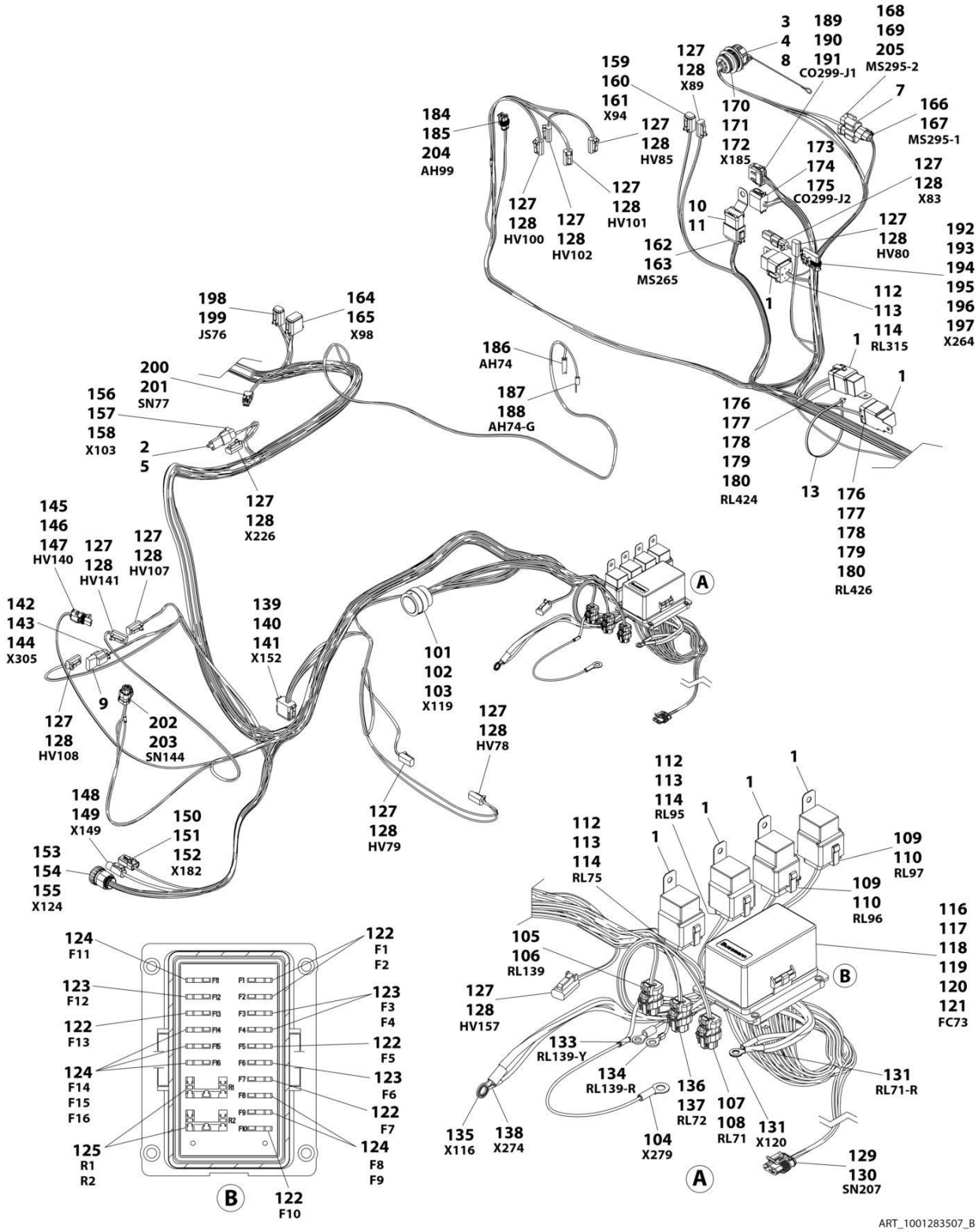


FIGURE 10-27. FRAME HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283507	Ref	FRAME HARNESS	B
1	3740080	7	Relay	
2	4460466	3	Plug	
3	4460496	1	Lock Washer	
4	1001125785	1	Nut	
5	4460536	1	Connector	
6	4460897	1	Connector	
7	4460945	1	Connector - 3 Way	
8	1001106736	1	Cap, Dust	
9	1001116816	1	Diode, Connector	
10	1001119020	1	Buss Bar	
11	1001120328	1	Mount	
13	1001008559	1	Tie - Strap	
101	1001116921	1	Connector	
102	4460465	30	Terminal	
103	4460466	1	Plug	
104	4460670	1	Terminal, Ring	
105	1001116953	1	Connector	
106	1001118390	2	Terminal	
107	1001116952	1	Connector	
108	1001118390	2	Terminal	
109	4460374	2	Connector	
110	1001116733	10	Terminal	
112	4460374	3	Connector	
113	1001116733	12	Terminal	
114	1001128128	3	Plug	
116	1001080361	1	Box, Fuse	
117	1001116726	22	Terminal	
118	1001116725	8	Terminal	
119	1001116727	2	Plug	
120	4460789	22	Seal	
121	8220089	8	Seal	
122	8229244	6	Fuse, 15 AMP	
123	8229242	4	Fuse, 5 AMP	
124	80983191	6	Fuse, 10 AMP	
125	1001095704	2	Relay, 35 AMP	
127	4460891	14	Connector	
128	4460465	28	Terminal	
129	4461262	1	Connector	
130	1001107854	3	Terminal	
131	1001117106	2	Terminal, Ring	
133	4460043	1	Terminal, Ring	
134	1001117106	1	Terminal, Ring	
135	8220115	1	Terminal, Ring	
136	1001116950	1	Connector	
137	1001118390	2	Terminal	
138	4460019	1	Terminal, Ring	
139	4460933	1	Connector	
140	4460465	9	Terminal	
141	4460466	3	Plug	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
142	4460891	1	Connector	
143	1001116816	1	Connector, DT 2 Pin Receptacle With Diode	
144	4460465	2	Terminal	
145	4460742	1	Connector	
146	4460457	2	Terminal	
147	8220081	2	Seal	
148	1001116966	1	Connector	
149	91143340	1	Terminal	
150	4461018	1	Connector	
151	4460509	1	Terminal	
152	4460466	1	Plug	
153	1001116977	1	Connector	
154	1001118381	14	Terminal	
155	1001118391	2	Plug	
156	4460539	1	Connector	
157	4460465	2	Terminal	
158	4460466	1	Plug	
159	4460884	1	Connector	
160	4460465	2	Terminal	
161	4460466	2	Plug	
162	4460933	1	Connector	
163	4460465	12	Terminal	
164	4460930	1	Connector	
165	4460465	8	Terminal	
166	1001116812	1	Connector	
167	4460944	3	Terminal	
168	4460539	1	Connector	
169	4460944	2	Terminal	
170	1001112612	1	Connector	
171	4460464	7	Terminal	
172	4460466	2	Plug	
173	1001116774	1	Connector	
174	1001126008	9	Terminal	
175	4460518	3	Plug	
176	1001231398	2	Connector	
177	1001231400	4	Terminal	
178	1001231406	2	Plug	
179	1001231404	2	Seal	
180	1001231399	4	Terminal	
184	4461118	1	Connector	
185	1001107854	2	Terminal	
186	4460043	1	Terminal, Ring	
187	4460260	1	Connector	
188	4460259	1	Terminal	
189	1001116808	1	Connector	
190	1001126008	11	Terminal	
191	4460518	1	Plug	
192	1001121726	1	Connector	
193	8220125	2	Terminal	
194	1001116747	2	Terminal	
195	4460748	1	Plug	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
196	8220089	2	Seal	
197	4460458	2	Seal	
198	4460884	1	Connector	
199	4460465	4	Terminal	
200	1001116948	1	Connector	
201	1001118385	2	Terminal	
202	1001116950	1	Connector	
203	4460465	2	Terminal	
204	1001116763	2	Seal	
205	4460466	1	Plug	

FIGURE 10-28. FRAME OPTIONS HARNESS INSTALLATION

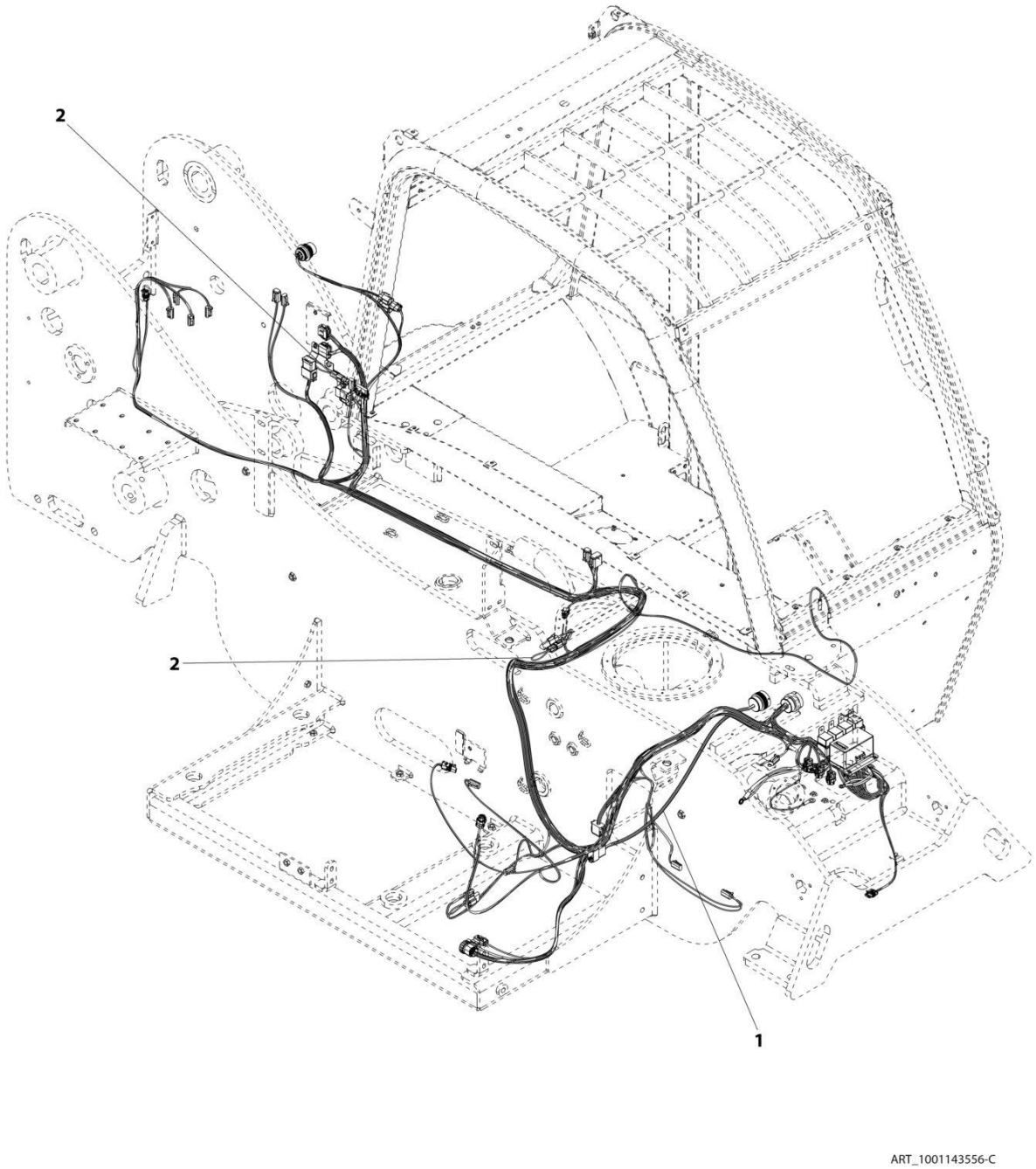


FIGURE 10-28. FRAME OPTIONS HARNESS INSTALLATION

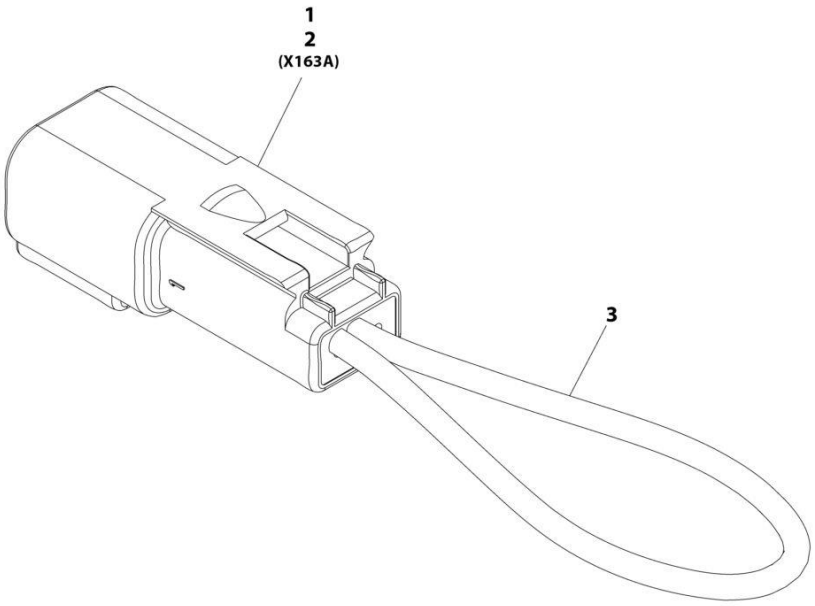
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143556	Ref	Frame Options Harness Installation	C
1	1001142011	1	Frame Base Jumper Harness (See Separate Breakdown in this Section)	
2	1001122280	2	Function Jumper Harness (See Separate Breakdown in this Section)	

FIGURE 10-29. FRAME OPTIONS BASE JUMPER HARNESS

FIGURE 10-29. FRAME OPTIONS BASE JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142011	Ref	Frame Base Jumper Harness	A
1	4460970	1	Connector	
2	4460464	6	Terminal	
3	4460466	6	Plug	
4	1001121960	1	Connector	
5	4460464	6	Terminal	
6	4460466	25	Plug	

FIGURE 10-30. FRAME OPTIONS FUNCTION JUMPER HARNESS



ART_1001122280-B

FIGURE 10-30. FRAME OPTIONS FUNCTION JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001122280	Ref	Function Jumper Harness	B
1	4460464	2	Terminal	
2	4460897	1	Connector	
3	4920017	118 mm	Wire, 16 GA	

FIGURE 10-31. FRAME OPTIONS HARNESS INSTALLATION (ANSI)

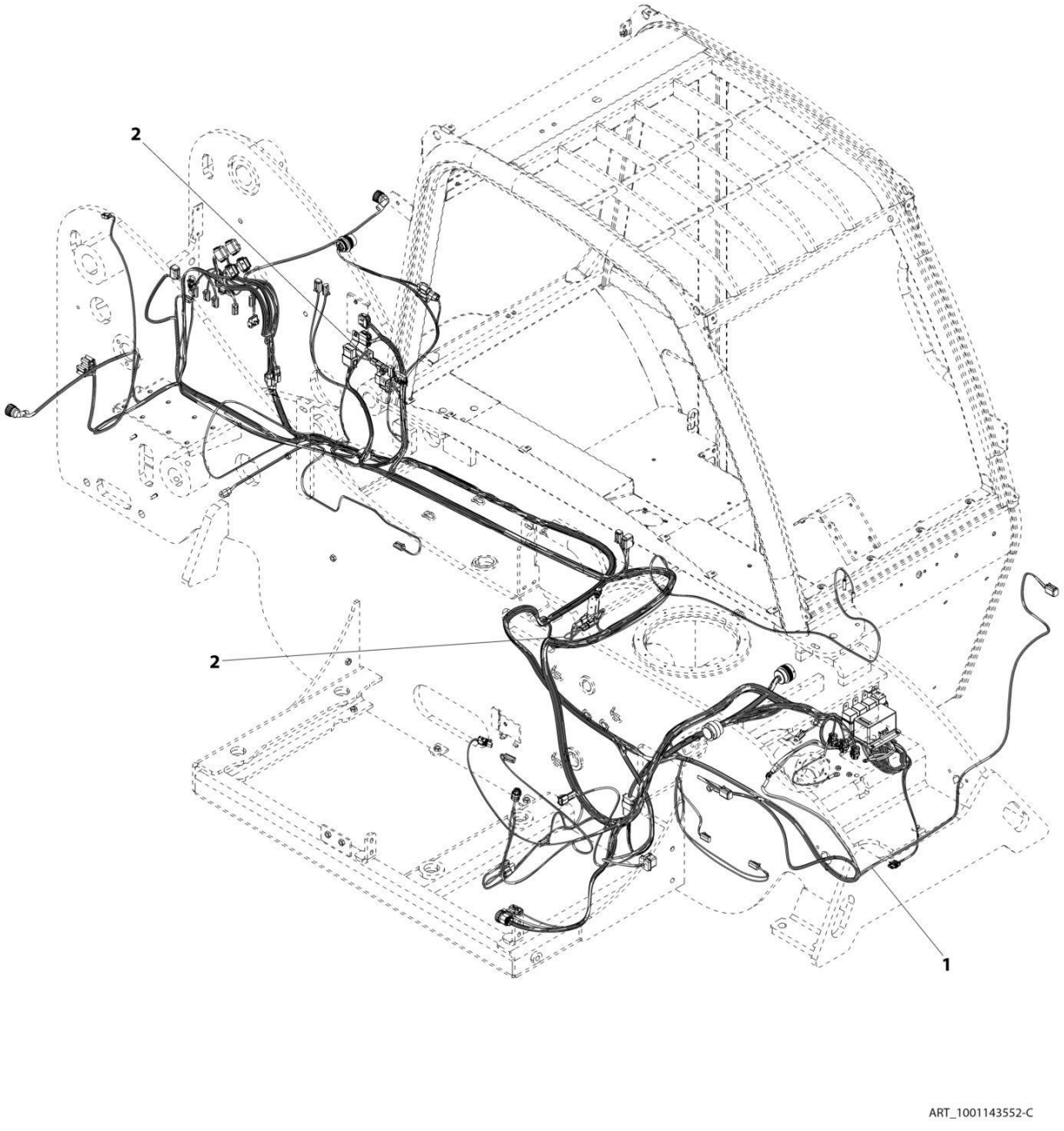
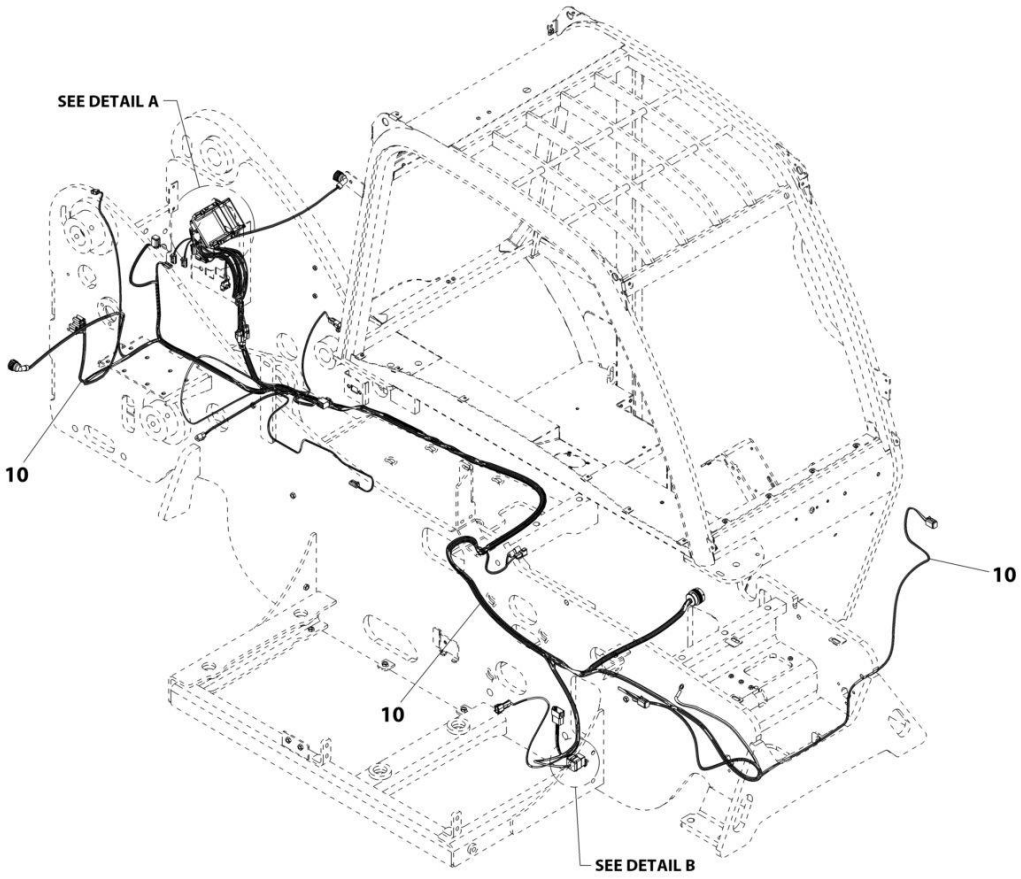
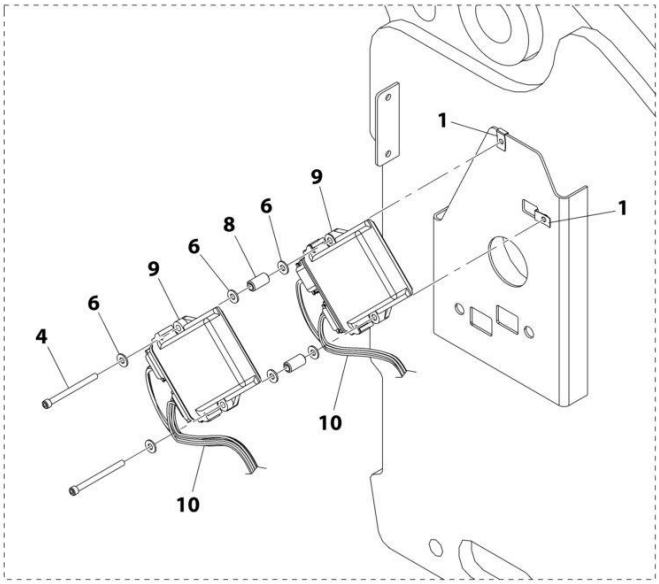


FIGURE 10-31. FRAME OPTIONS HARNESS INSTALLATION (ANSI)

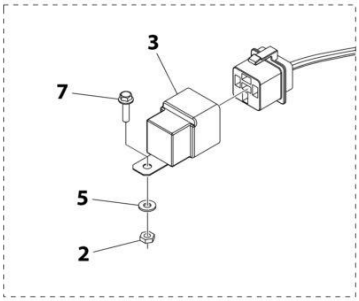
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143552	Ref	FRAME OPTIONS HARNESS INSTALLATION	C
1	1001140635	1	Frame Option Harness (See Separate Breakdown in this Section)	
2	1001122280	2	Function Jumper Harness (See Separate Breakdown in this Section)	

FIGURE 10-32. FRAME OPTIONS HARNESS INSTALLATION (CE)





DETAIL A



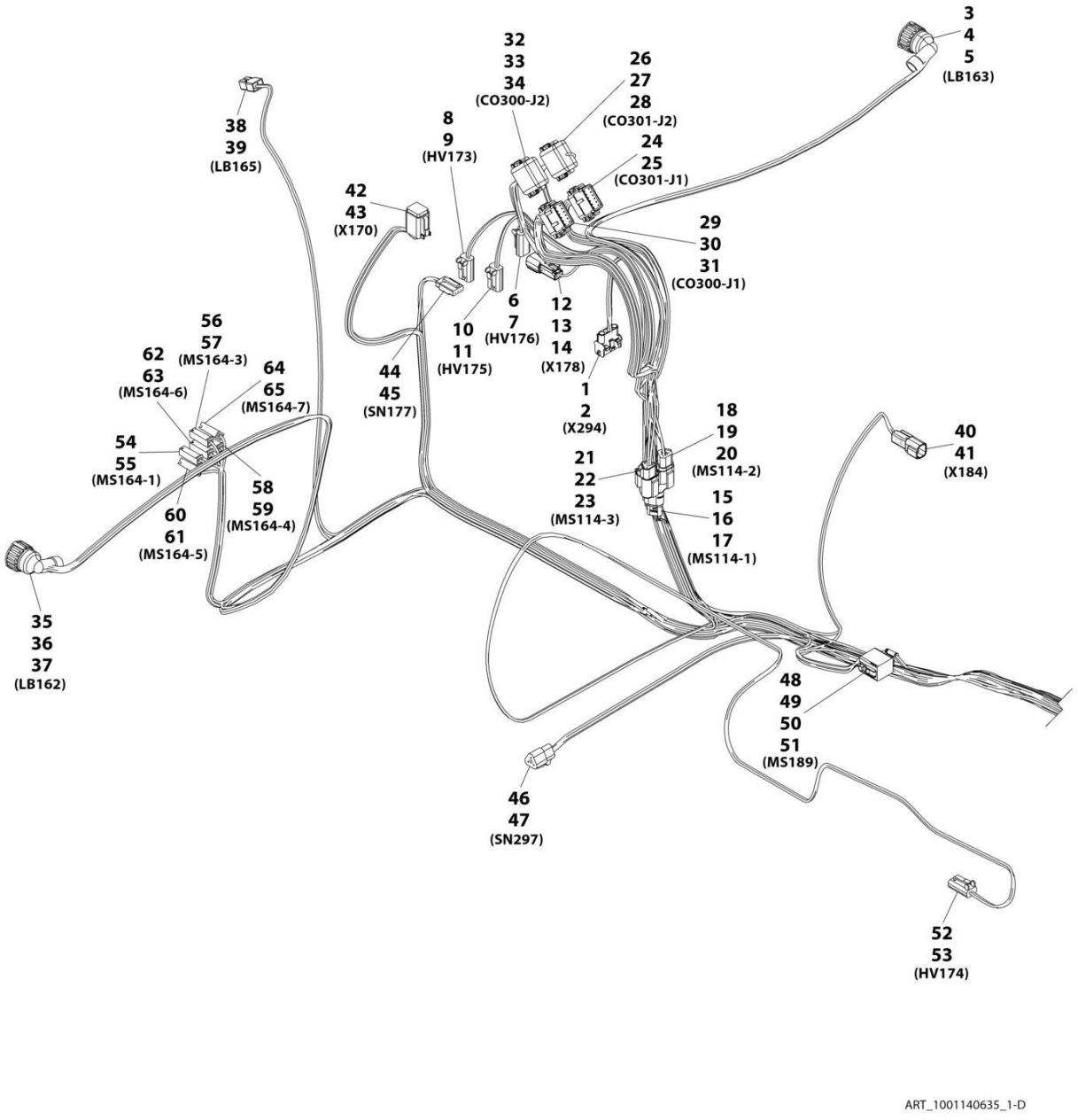
DETAIL B

ART_1001209103-B

FIGURE 10-32. FRAME OPTIONS HARNESS INSTALLATION (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209103	Ref	Frame Options Harness Installation (CE)	B
1	3300454	2	Special Nut	
2	3311001	1	Hex Nut, 10-24, GR2	
3	3740080	1	Weather Proof Relay	
4	3931448	2	Socket HD Capscrew, 1/4-20X3	
5	4711000	1	Washer, #10	
6	4711400	6	Washer, 1/4	
7	77143016	1	Screw, #10-24X3/4	
8	88631566	2	Roll Pin	
9	1001226247	2	LSI Module	
10	1001140635	1	Frame Option Harness (See Separate Breakdown in this Section)	

FIGURE 10-33. FRAME OPTION HARNESS



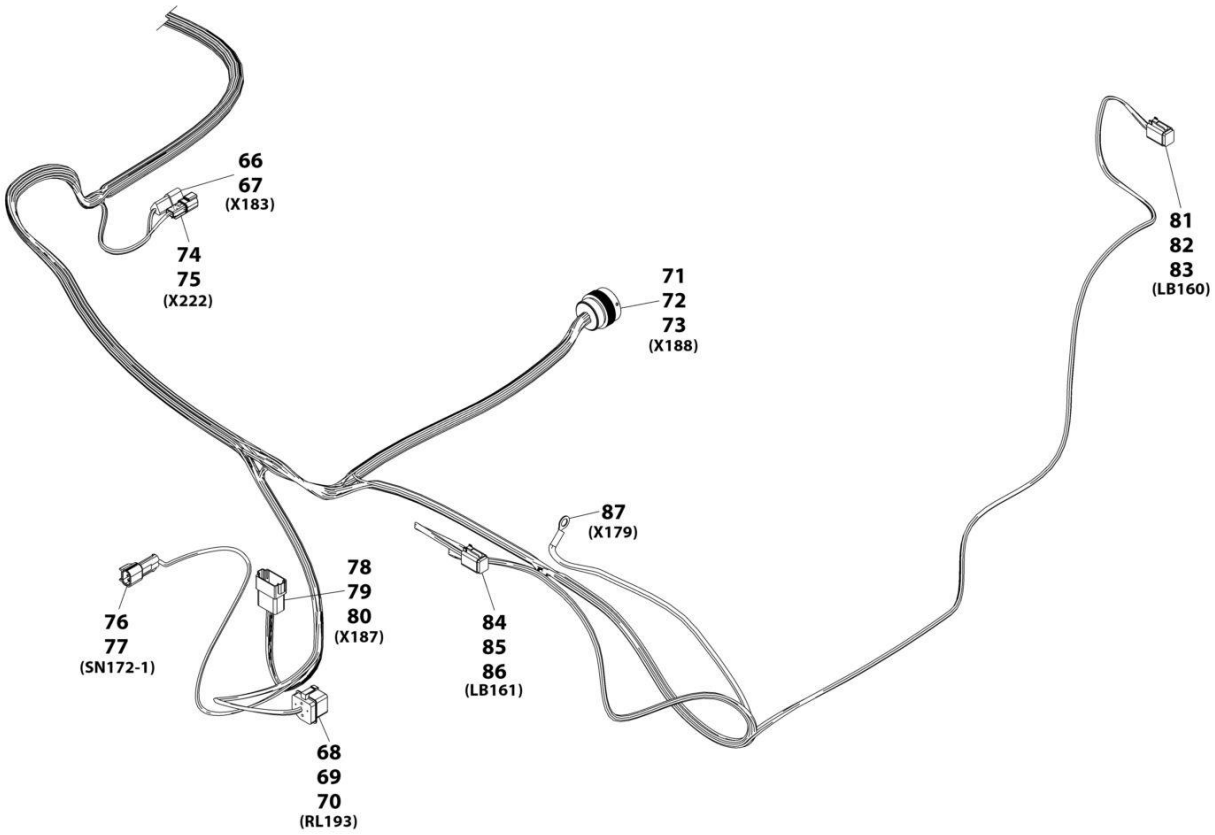

66
67
(X183)
74
75
(X222)
71
72
73
(X188)
81
82
83
(LB160)
87
(X179)
78
79
80
(X187)
76
77
(SN172-1)
84
85
86
(LB161)
68
69
70
(RL193)
ART_1001140635_2-D

FIGURE 10-33. FRAME OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140635	Ref	Frame Option Harness	D
1	4460761	1	Connector	
2	4460227	4	Terminal	
3	1001116996	1	Connector	
4	1001118392	5	Terminal	
5	4461008	2	Plug	
6	4460891	1	Connector	
7	4460465	2	Terminal	
8	4460891	1	Connector	
9	4460465	2	Terminal	
10	4460891	1	Connector	
11	4460465	2	Terminal	
12	4460897	1	Connector	
13	4460464	1	Terminal	
14	4460466	1	Plug	
15	1001116812	1	Connector	
16	4460945	1	Terminal, 3 Way "T" Receptacle	
17	4460465	3	Terminal	
18	4460539	1	Connector	
19	4460465	2	Terminal	
20	4460466	1	Plug	
21	1001116812	1	Connector	
22	4460465	2	Terminal	
23	4460466	1	Plug	
24	1001116808	1	Connector	
25	1001126008	12	Terminal	
26	1001116774	1	Connector	
27	1001126008	8	Terminal	
28	4460518	4	Plug	
29	1001116808	1	Connector	
30	1001126008	7	Terminal	
31	4460518	5	Plug	
32	1001116774	1	Connector	
33	1001126008	5	Terminal	
34	4460518	7	Plug	
35	1001116996	1	Connector	
36	1001118392	5	Terminal	
37	4461008	2	Plug	
38	1001117133	1	Connector	
39	1001118385	2	Terminal	
40	4460897	1	Connector	
41	4460464	2	Terminal	
42	4460894	1	Connector	
43	4460465	6	Terminal	
44	4460911	1	Connector	
45	1001126008	3	Terminal	
46	4460539	1	Connector	
47	4460465	4	Terminal	
48	4460851	1	Connector	
49	4460852	1	Connector, 8 Pin	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	4460465	7	Terminal	
51	4460466	1	Plug	
52	4460891	1	Connector	
53	4460465	2	Terminal	
54	4460260	1	Connector	
55	4460259	1	Terminal	
56	4460260	1	Connector	
57	4460259	1	Terminal	
58	4460260	1	Connector	
59	4460259	1	Terminal	
60	4460260	1	Connector	
61	4460259	1	Terminal	
62	4460260	1	Connector	
63	4460259	1	Terminal	
64	4460260	1	Connector	
65	4460259	1	Terminal	
66	4460536	1	Connector	
67	4460464	3	Terminal	
68	4460374	1	Connector	
69	1001116733	4	Terminal	
70	1001128128	1	Plug	
71	1001121960	1	Connector	
72	4460464	28	Terminal	
73	4460466	3	Plug	
74	4460897	1	Connector	
75	4460464	2	Terminal	
76	1001117026	1	Connector	
77	1001116729	2	Terminal	
78	4460970	1	Connector	
79	4460464	9	Terminal	
80	4460466	3	Plug	
81	4460894	1	Connector	
82	4460465	5	Terminal	
83	4460466	1	Plug	
84	4460894	1	Connector	
85	4460465	5	Terminal	
86	4460466	1	Plug	
87	8220164	1	Terminal, Ring	

FIGURE 10-34. LIGHTS - BEACON LIGHT INSTALLATION (CLOSED CAB)

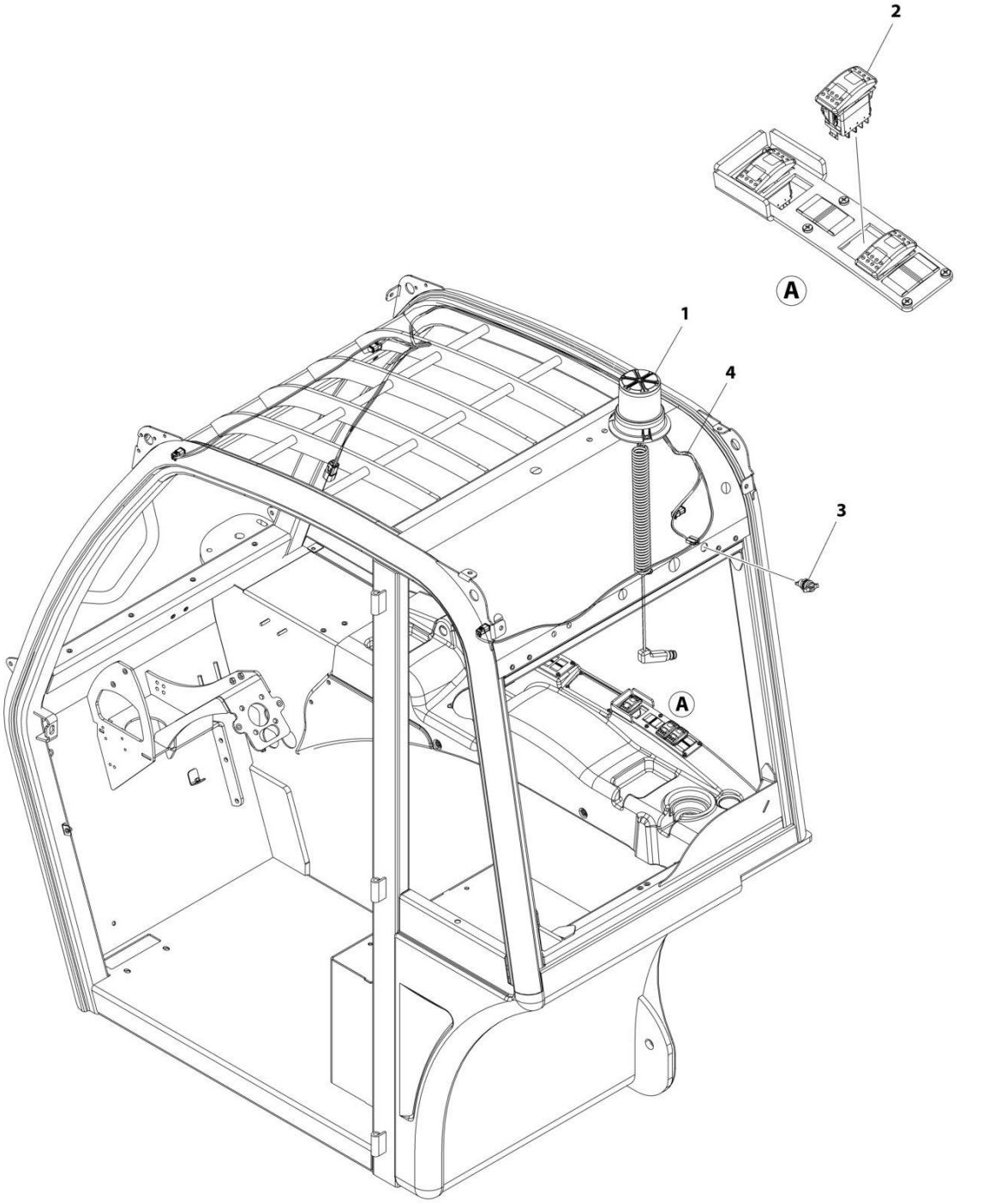


FIGURE 10-34. LIGHTS - BEACON LIGHT INSTALLATION (CLOSED CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103139	Ref	BEACON INSTALLATION	E
1	1001273075	1	Beacon Light	
2	1001080365	1	Beacon Light Switch	
3	4461174	1	12V Terminal	
4	1001109566	1	Proximity Sensor Harness (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 10-35. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB)

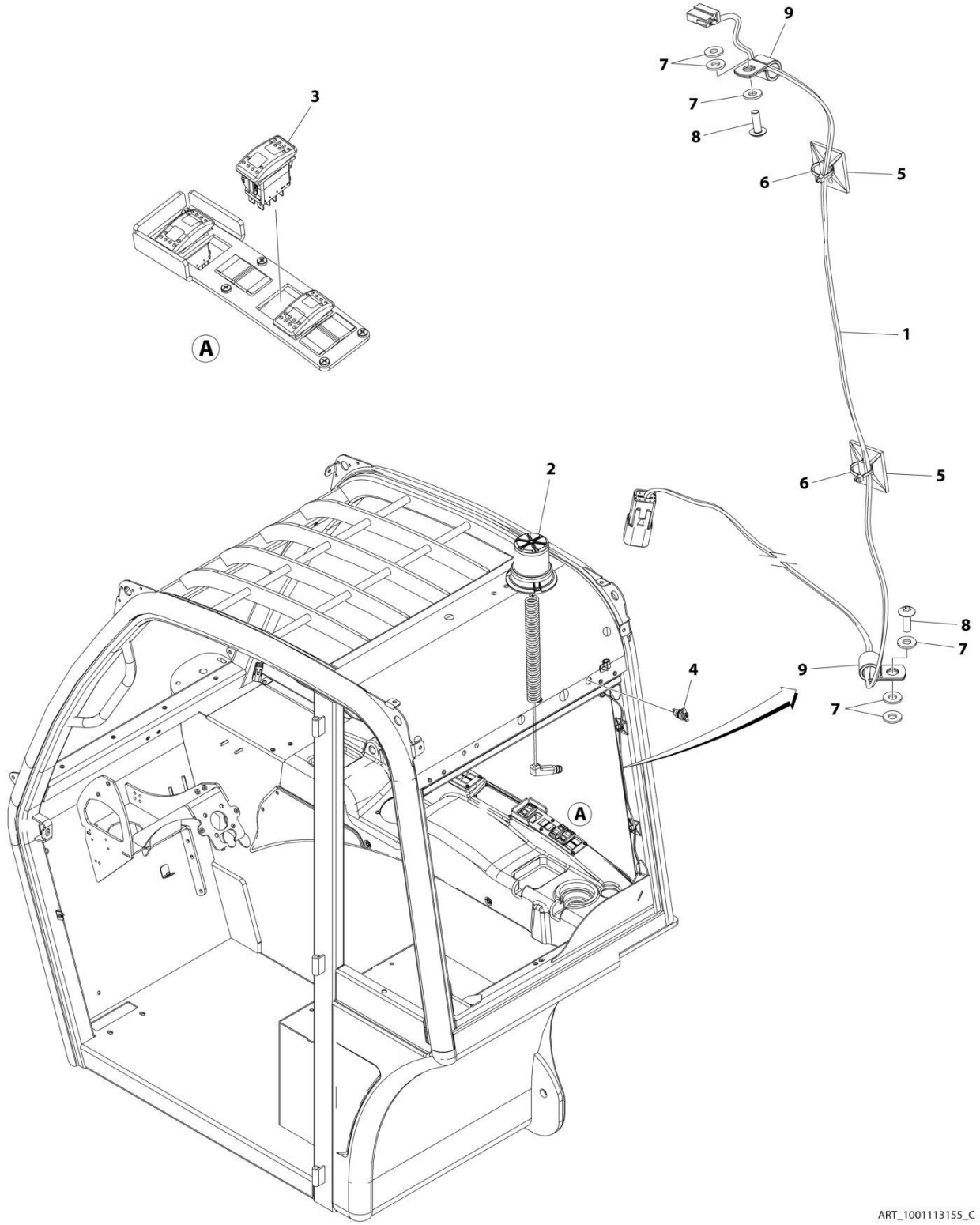


FIGURE 10-35. LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001113155	Ref	BEACON INSTALLATION (OPEN CAB)	C
1	1001110723	1	Open Cab Worklight Harness (See Separate Breakdown in this Section)	
2	1001273075	1	Beacon Light	
3	1001080365	1	Beacon Light Switch	
4	4461174	1	12V Terminal	
5	4460488	2	Mounting Base	
6	8881802	AR	Tie Strap	
7	4711400	7	Washer 1/4	
8	8303034	3	Screw 1/4 x 3/4	
9	85941016	3	Clamp	

FIGURE 10-36. LIGHTS - DRIVE LIGHTS INSTALLATION

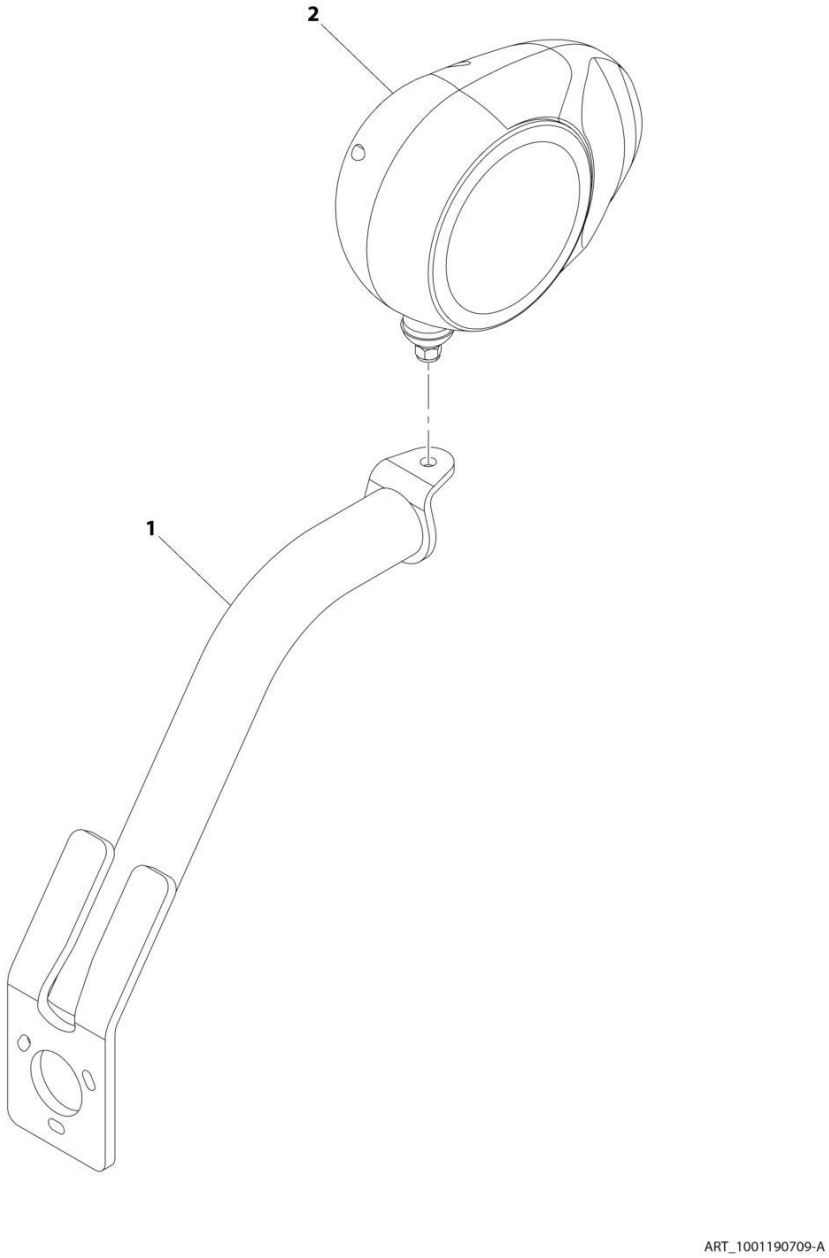


FIGURE 10-36. LIGHTS - DRIVE LIGHTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190709	Ref	LH Drive Light Installation	A
1	1001190640	1	Bracket	
2	2920207	1	LH Drive Light	

FIGURE 10-37. LIGHTS - ROADLIGHTS INSTALLATION (ANSI)

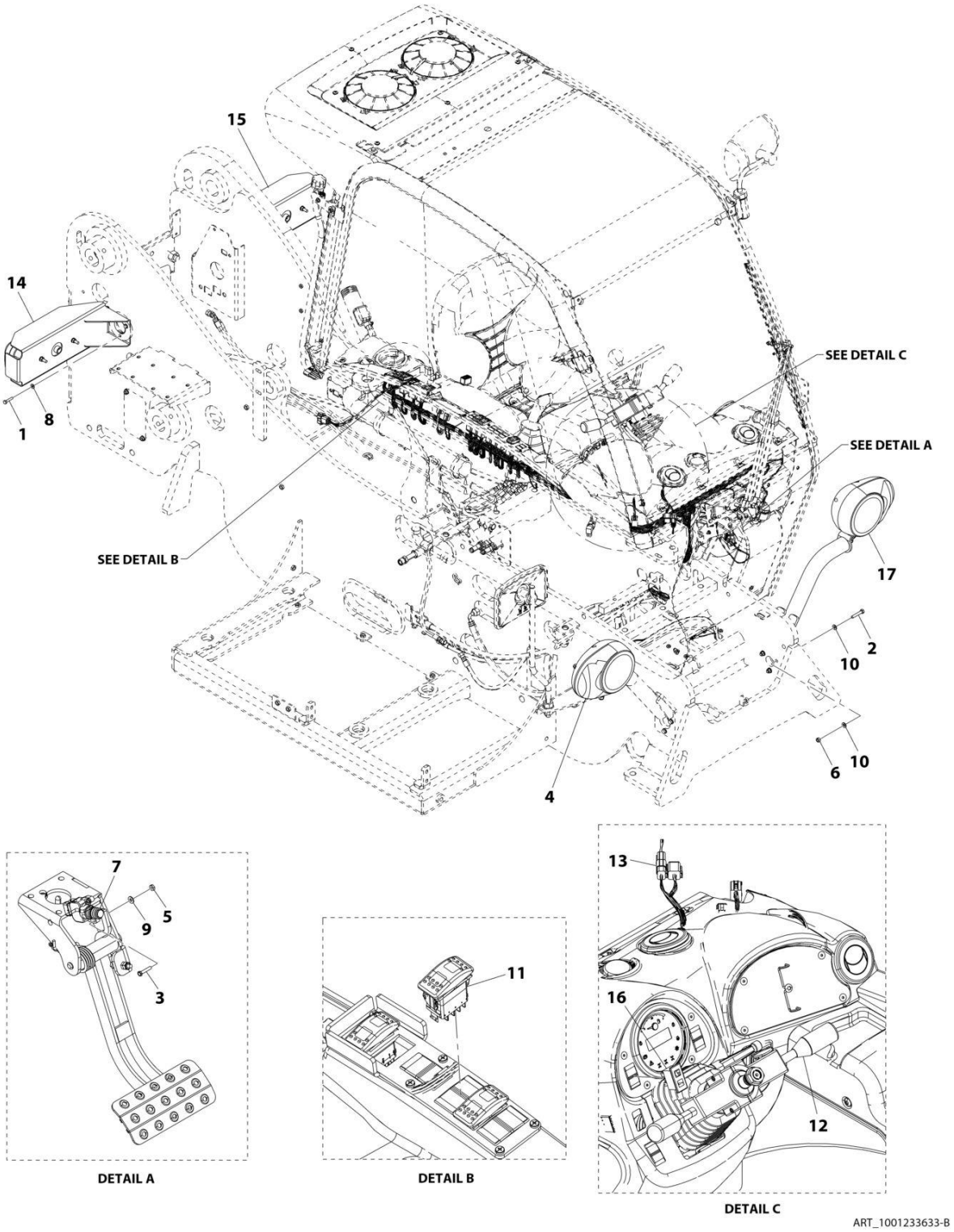


FIGURE 10-37. LIGHTS - ROADLIGHTS INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233633	Ref	Road Light Installation (ANSI)	B
1	0641410	6	Hex HD Capscrew, 1/4-20X1-1/4, GR5	
2	0641514	3	Hex HD Capscrew, 5/16-18X1-3/4, GR5	
3	0721008	2	Screw, 10-24X1	
4	2920208	1	RH Drive Light	
5	3311005	2	Hex Locknut	
6	3311505	3	Hex Locknut, 5/16-18, GR2	
7	4360658	1	Brake Light Switch	
8	4711400	6	Washer, 1/4	
9	4751000	2	Washer, M10	
10	4891500	6	Washer, 5/16	
11	1001080370	1	Hazard Light Switch	
12	1001080381	1	Turn Signal-Headlight Switch	
13	1001100965	1	Jumper Harness (See Separate Breakdown in this Section)	
14	1001101533	1	RH Tail Light Installation (See Separate Breakdown in this Section)	
15	1001101534	1	LH Tail Light Installation (See Separate Breakdown in this Section)	
16	1001139937	1	Turn/High Beam Indicator	
17	1001190709	1	LH Drive Light Installation (See Separate Breakdown in this Section)	

FIGURE 10-38. LIGHTS - ROADLIGHTS INSTALLATION (LSI)

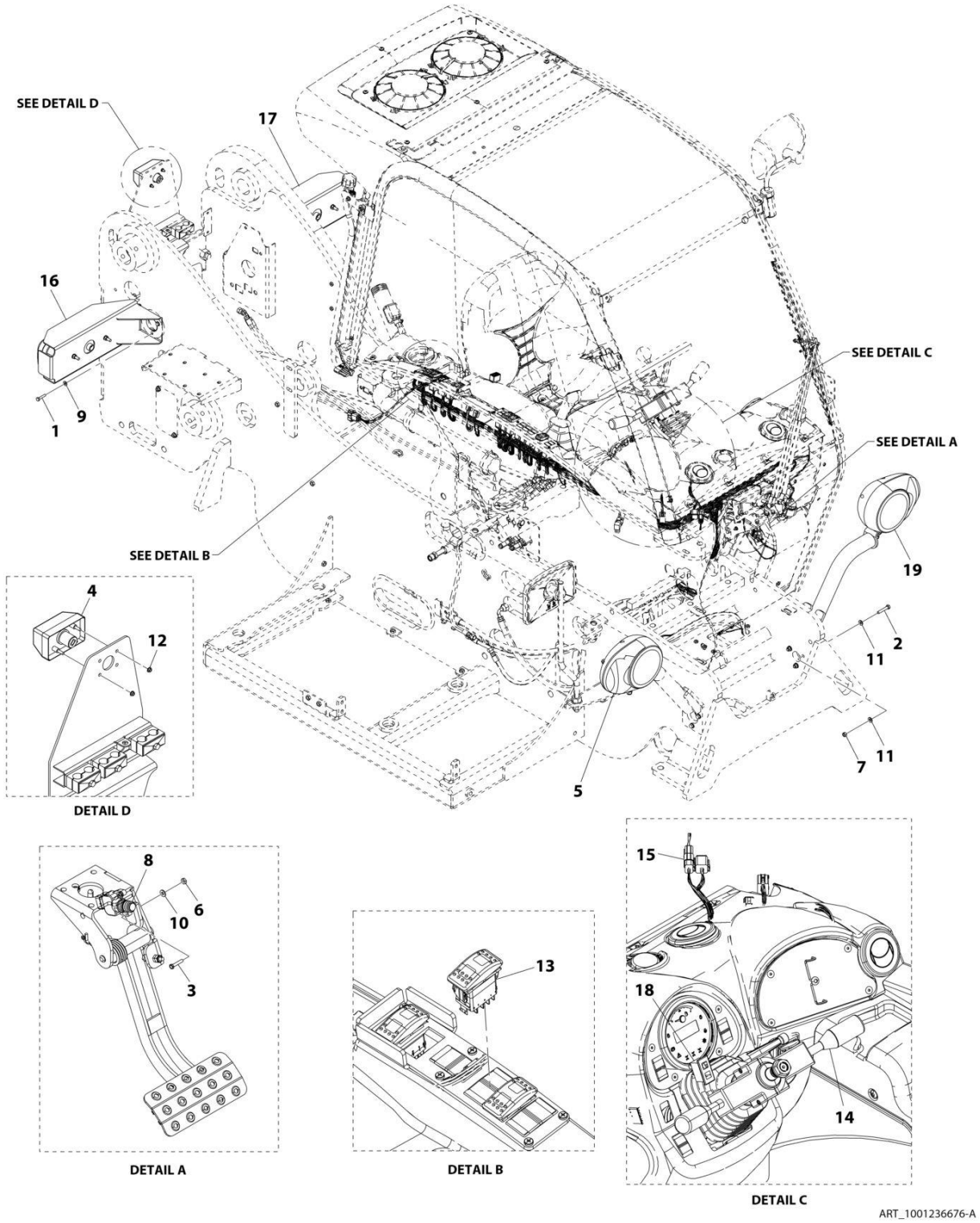


FIGURE 10-38. LIGHTS - ROADLIGHTS INSTALLATION (LSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236676	Ref	Road Light Installation (LSI)	A
1	0641410	6	Hex HD Capscrew, 1/4-20X1-1/4, GR5	
2	0641514	3	Hex HD Capscrew, 5/16-18X1-3/4, GR5	
3	0721008	2	Screw, #10-24X1	
4	2920204	1	License Plate Light	
5	2920208	1	RH Drive Light	
6	3311005	2	Hex Locknut	
7	3311505	3	Hex Locknut, 5/16-18, GR2	
8	4360658	1	Brake Light Switch	
9	4711400	6	Washer, 1/4	
10	4751000	2	Washer, M10	
11	4891500	6	Washer, 5/16	
12	5220500	2	Ripp Nut, M5	
13	1001080370	1	Hazard Light Switch	
14	1001080381	1	Turn Signal-Headlight Switch	
15	1001100965	1	Jumper Harness (See Separate Breakdown in this Section)	
16	1001101533	1	RH Tail Light Installation (See Separate Breakdown in this Section)	
17	1001101534	1	LH Tail Light Installation (See Separate Breakdown in this Section)	
18	1001139937	1	Turn/High Beam Indicator	
19	1001190709	1	LH Drive Light Installation (See Separate Breakdown in this Section)	

FIGURE 10-39. LIGHTS - ROADLIGHTS INSTALLATION (LH DIP)

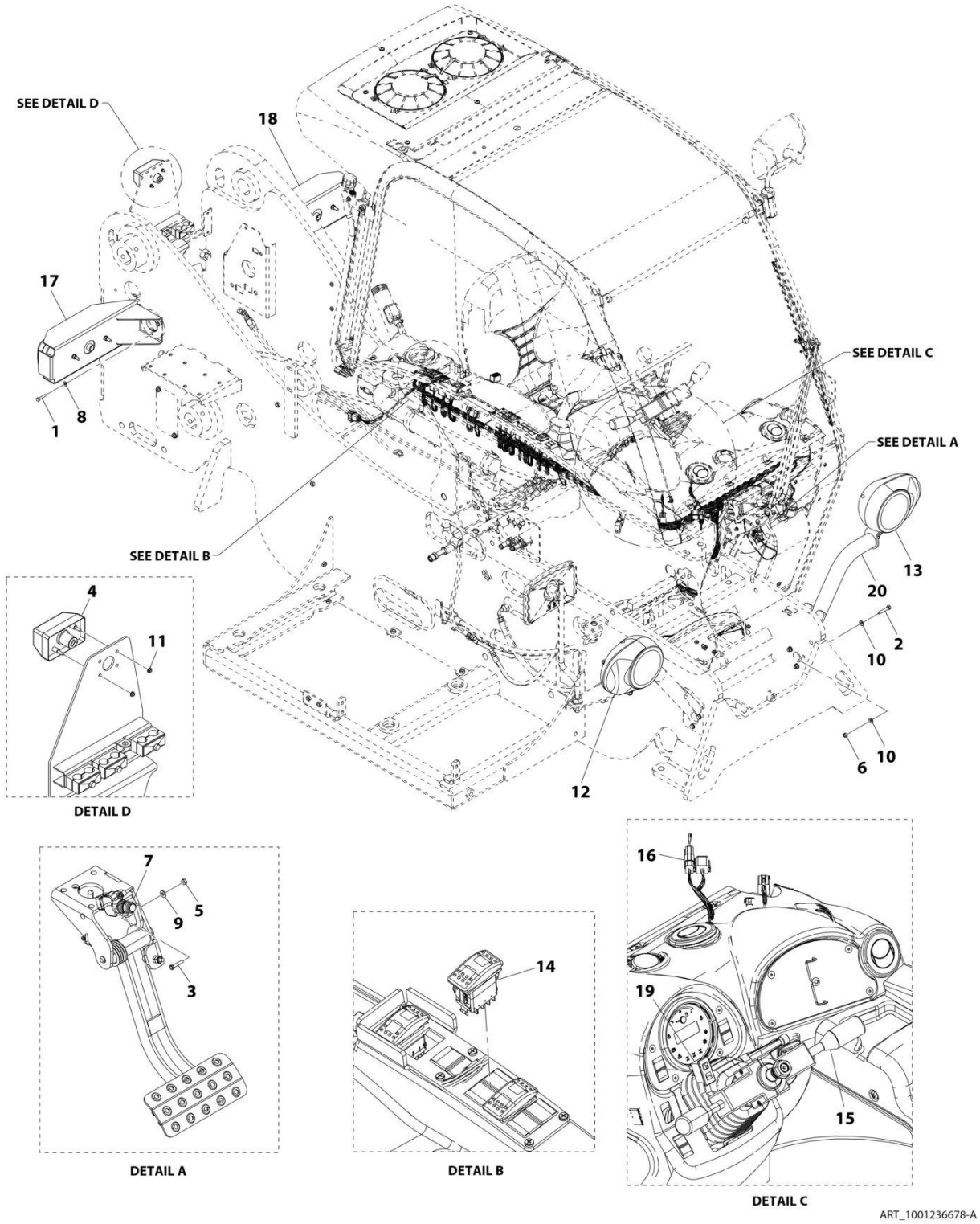
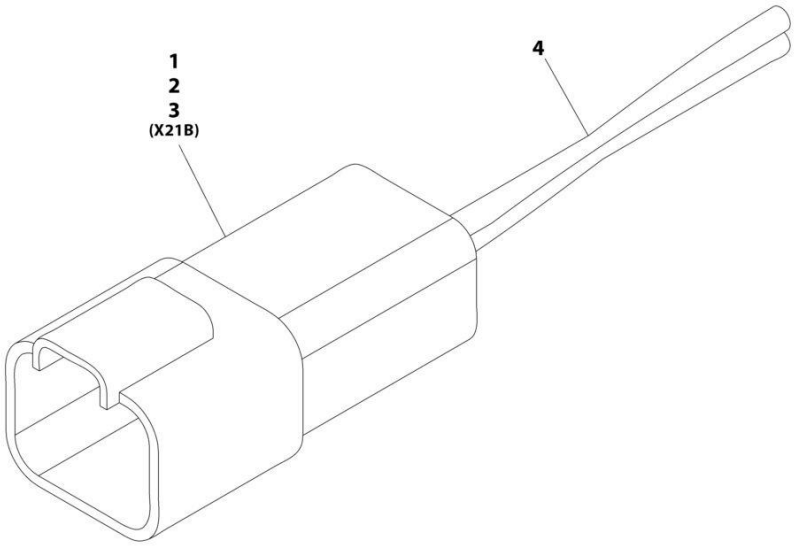


FIGURE 10-39. LIGHTS - ROADLIGHTS INSTALLATION (LH DIP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236678	Ref	Road Light Installation (LH Dip)	A
1	0641410	6	Hex HD Capscrew, 1/4-20X1-1/4, GR5	
2	0641514	3	Hex HD Capscrew, 5/16-18X1-3/4, GR5,	
3	0721008	2	Screw, #10-24X1	
4	2920204	1	License Plate Light	
5	3311005	2	Hex Locknut	
6	3311505	3	Hex Locknut, 5/16-18, GR2	
7	4360658	1	Brake Light Switch	
8	4711400	6	Washer, 1/4	
9	4751000	2	Washer, M10	
10	4891500	6	Washer, 5/16	
11	5220500	2	Ripp Nut, M5	
12	1001002778	1	RH Drive Light	
13	1001002779	1	LH Drive Light	
14	1001080370	1	Hazard Light Switch	
15	1001080381	1	Turn Signal-Headlight Switch	
16	1001100965	1	Jumper Harness (See Separate Breakdown in this Section)	
17	1001101533	1	RH Tail Light Installation (See Separate Breakdown in this Section)	
18	1001101534	1	LH Tail Light Installation (See Separate Breakdown in this Section)	
19	1001139937	1	Turn/High Beam Indicator	
20	1001190640	1	Bracket	

FIGURE 10-40. LIGHTS - ROADLIGHTS JUMPER HARNESS

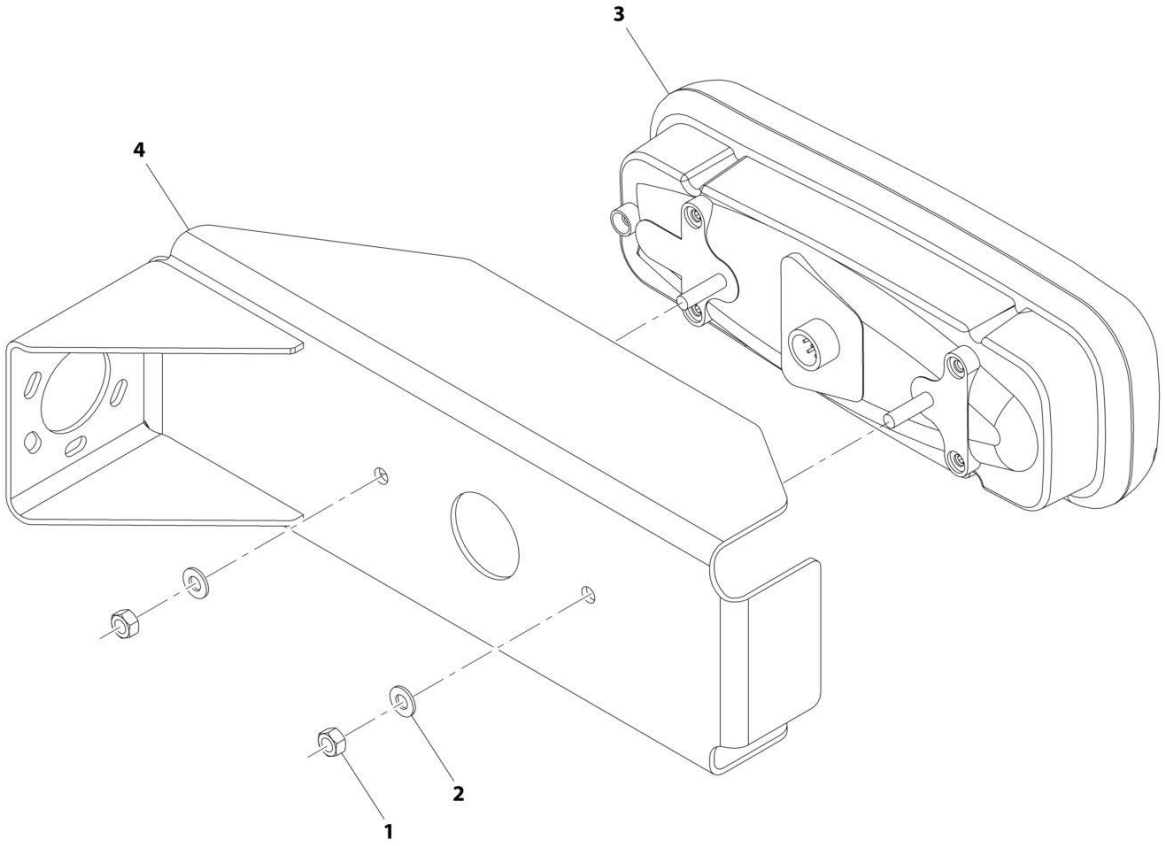


ART_1001100965-B

FIGURE 10-40. LIGHTS - ROADLIGHTS JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100965	Ref	Jumper Harness	B
1	4460464	2	Terminal	
2	4460466	2	Terminal	
3	4460932	1	Connector	
4	4920017	0.25 ft	Wire, 16 GA	

FIGURE 10-41. LIGHTS - TAILLIGHTS INSTALLATION (LH)

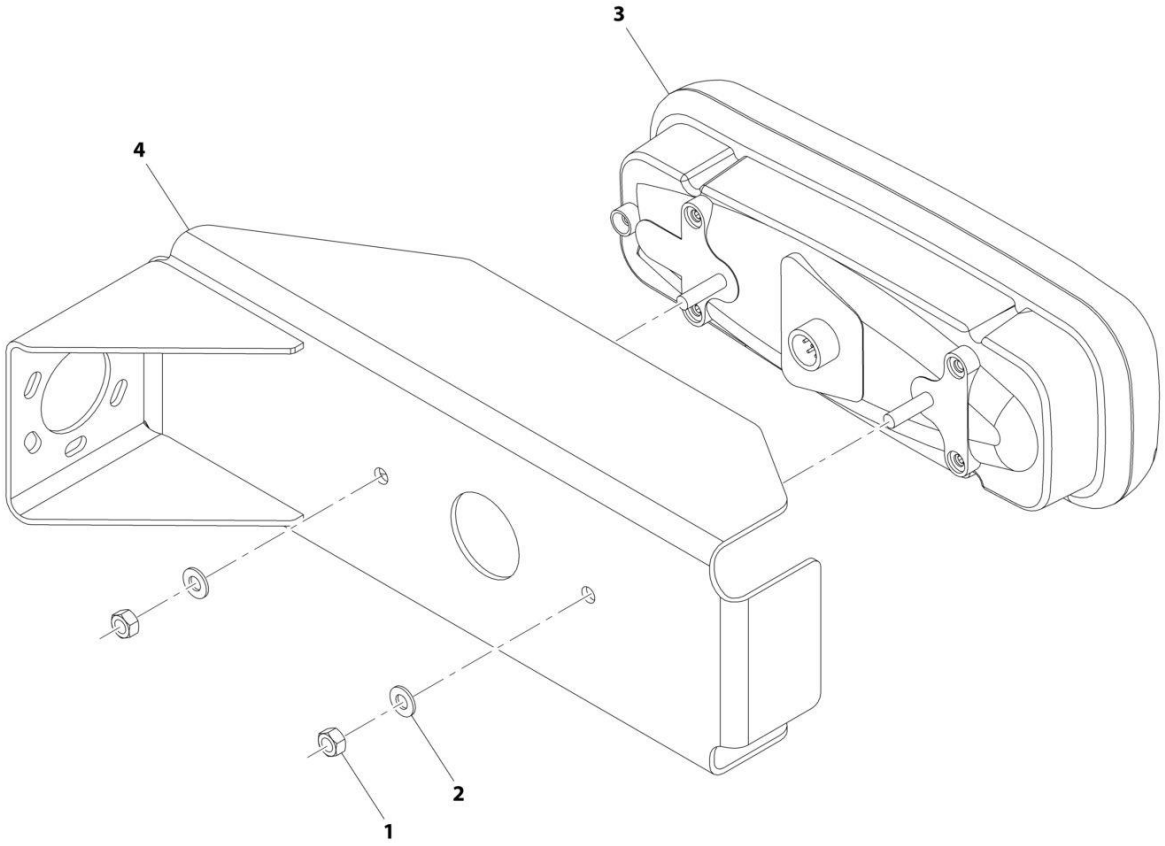


ART_1001101534-C

FIGURE 10-41. LIGHTS - TAILLIGHTS INSTALLATION (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101534	Ref	LH Tail Light Installation	C
1	3290807	2	Hex Locknut, M8X1.25	
2	4811900	2	Washer, M8	
3	8001991	1	LH Tail Light	
4	1001081322	1	Bracket	

FIGURE 10-42. LIGHTS - TAILLIGHTS INSTALLATION (RH)



ART_1001101533-D

FIGURE 10-42. LIGHTS - TAILLIGHTS INSTALLATION (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101533	Ref	RH Tail Light Installation	D
1	3290807	2	Hex Locknut, M8X1.25	
2	4811900	2	Washer, M8	
3	8001989	1	RH Tail Light	
4	1001081322	1	Bracket	

FIGURE 10-43. LIGHTS - WORKLIGHTS INSTALLATION (BOOM)

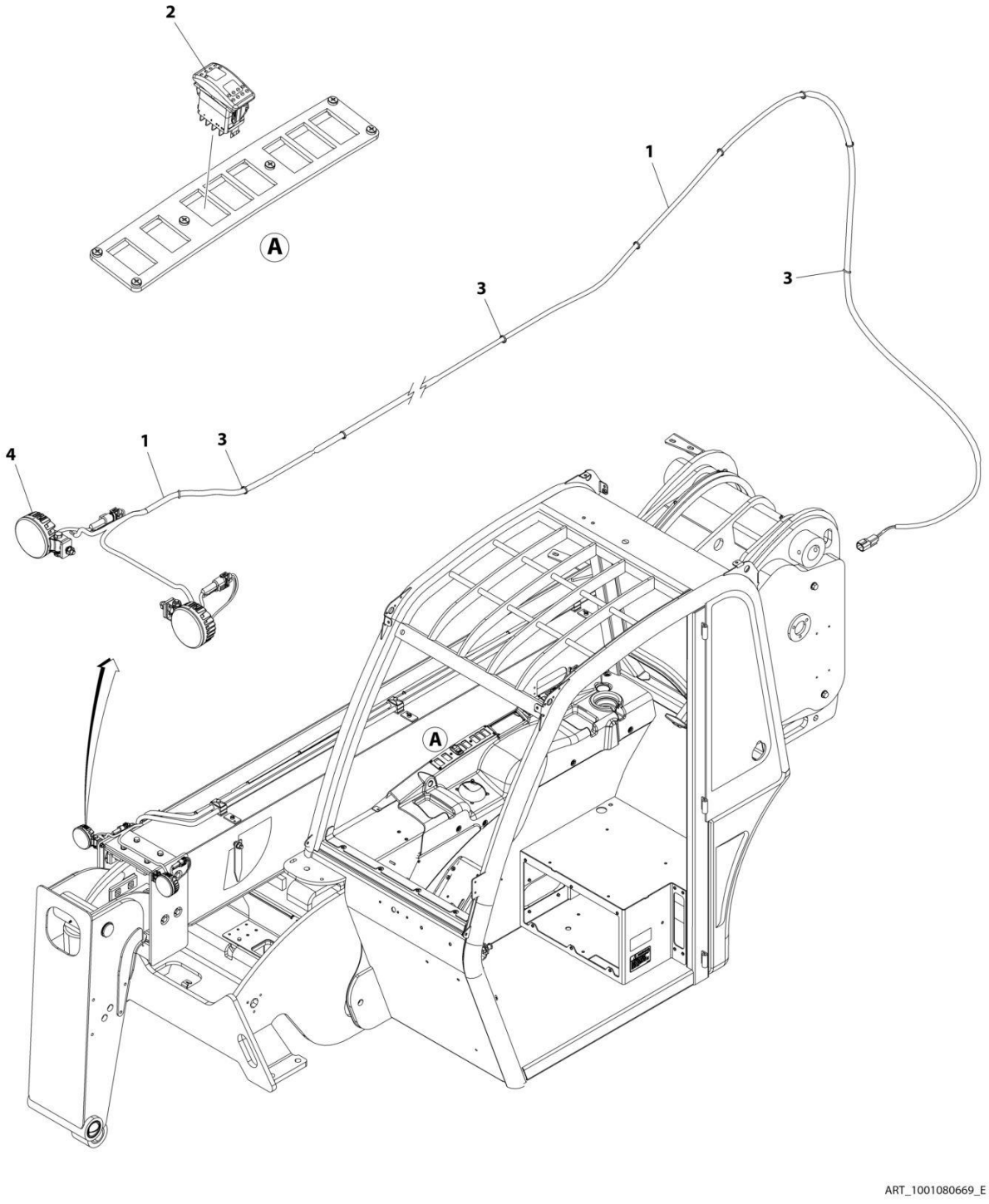


FIGURE 10-43. LIGHTS - WORKLIGHTS INSTALLATION (BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080669	Ref	BOOM WORK LIGHT	E
1	1001080656	1	Boom Worklights Harness (See Separate Breakdown in this Section)	
2	1001080366	1	Boom Work Light Switch	
3	4240032	14	Tie Strap	
4	1001273635	2	Light, LED	

FIGURE 10-44. LIGHTS - WORKLIGHTS INSTALLATION (BOOM) (LED)

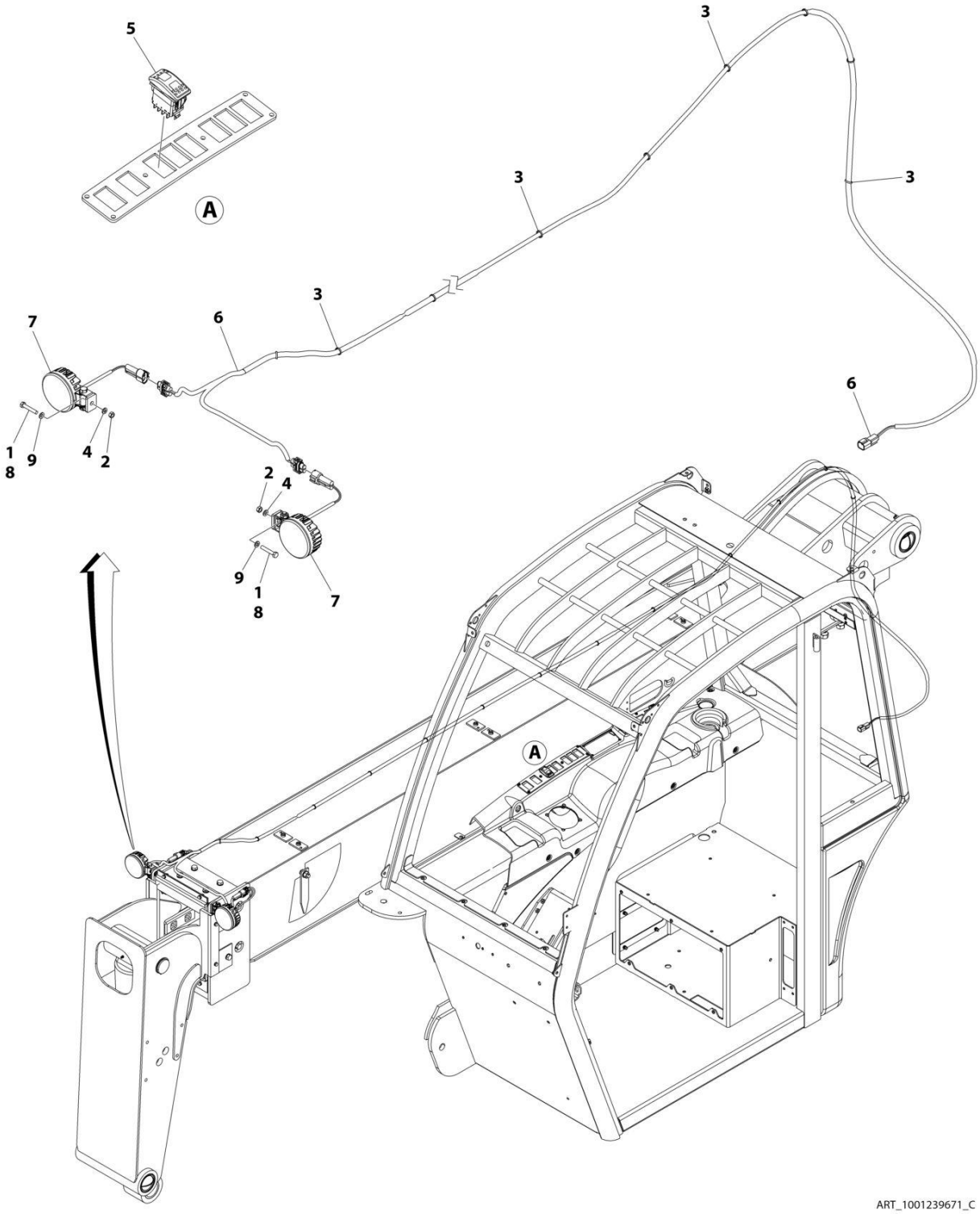


FIGURE 10-44. LIGHTS - WORKLIGHTS INSTALLATION (BOOM) (LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239671	Ref	BOOM WORK LIGHT LED INSTALLATION	C
1	0760612	AR	Bolt M6 x 25	
2	3290601	2	Nut M6	
3	4240032	14	Tie-Strap	
4	4831700	2	Washer M6	
5	1001080366	1	Boom Work Light Switch	
6	1001080656	1	Boom Worklights Harness (See Separate Breakdown in this Section)	
7	1001273635	2	Light, LED	
8	0760615	AR	Bolt M6 x 35	
9	4811700	AR	Washer M6	

FIGURE 10-45. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (CLOSED CAB)

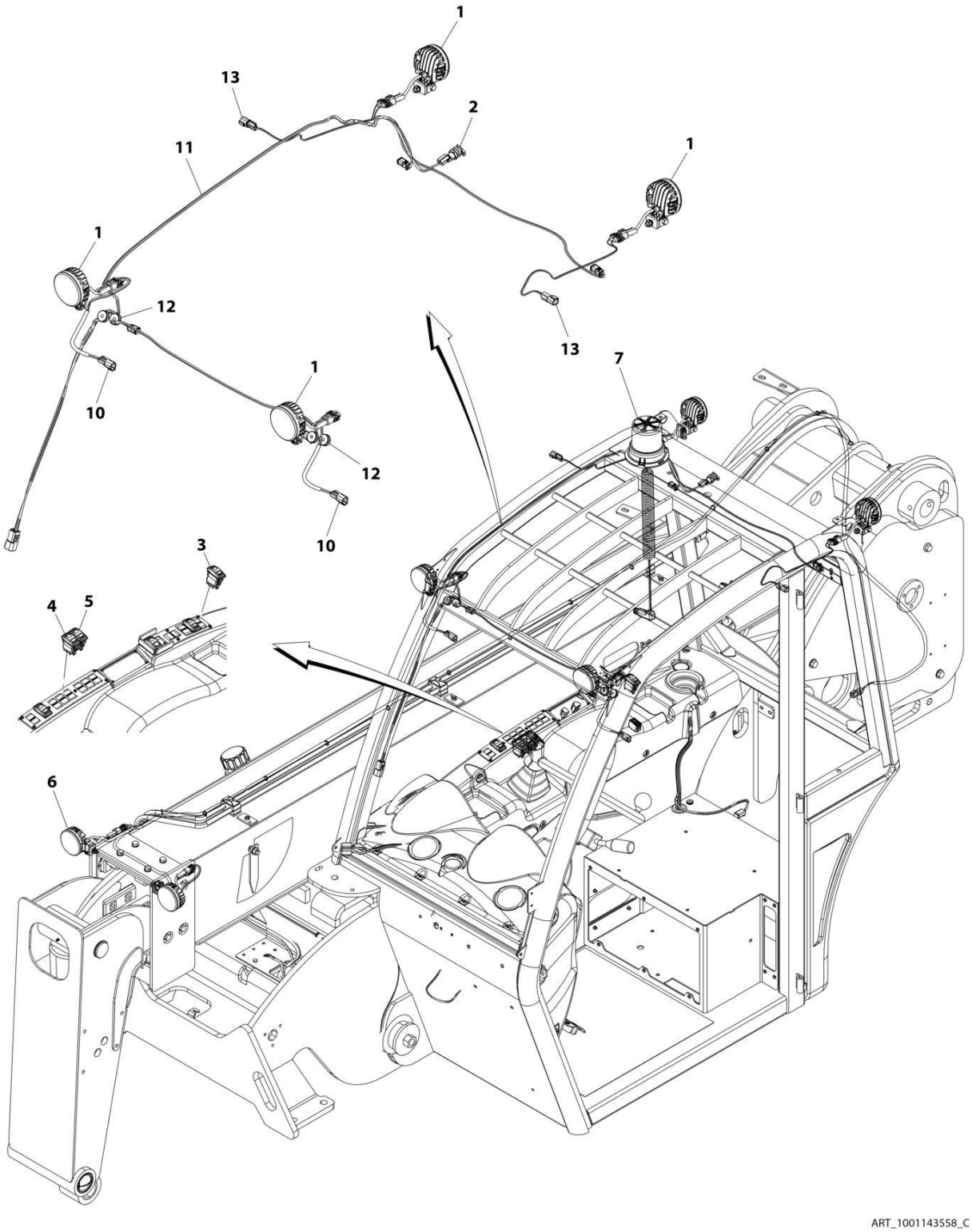


FIGURE 10-45. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (CLOSED CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143558	Ref	WORK LIGHT INSTALLATION	C
1	1001273635	4	Light	
2	4461174	1	12V Terminal	
3	1001080365	1	Beacon Light Switch	
4	1001080369	1	Front Work Light Switch	
5	1001080376	1	Rear Work Light Switch	
6	1001080669	1	Boom Work Light, (See Separate Breakdown in this Section)	
7	1001273075	1	Beacon Light	
10	1001109565	2	Boom Worklight Jumper Harness (Short) (See Separate Breakdown in ELECTRICAL Section)	
11	1001109566	1	Proximity Sensor Harness (See Separate Breakdown in ELECTRICAL Section)	
12	1001111341	4	Grommet	
13	1001142981	2	Boom Worklight Jumper Harness (Long) (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 10-46. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (ENCLOSED CAB WITH OVERHEAD SWITCHES)

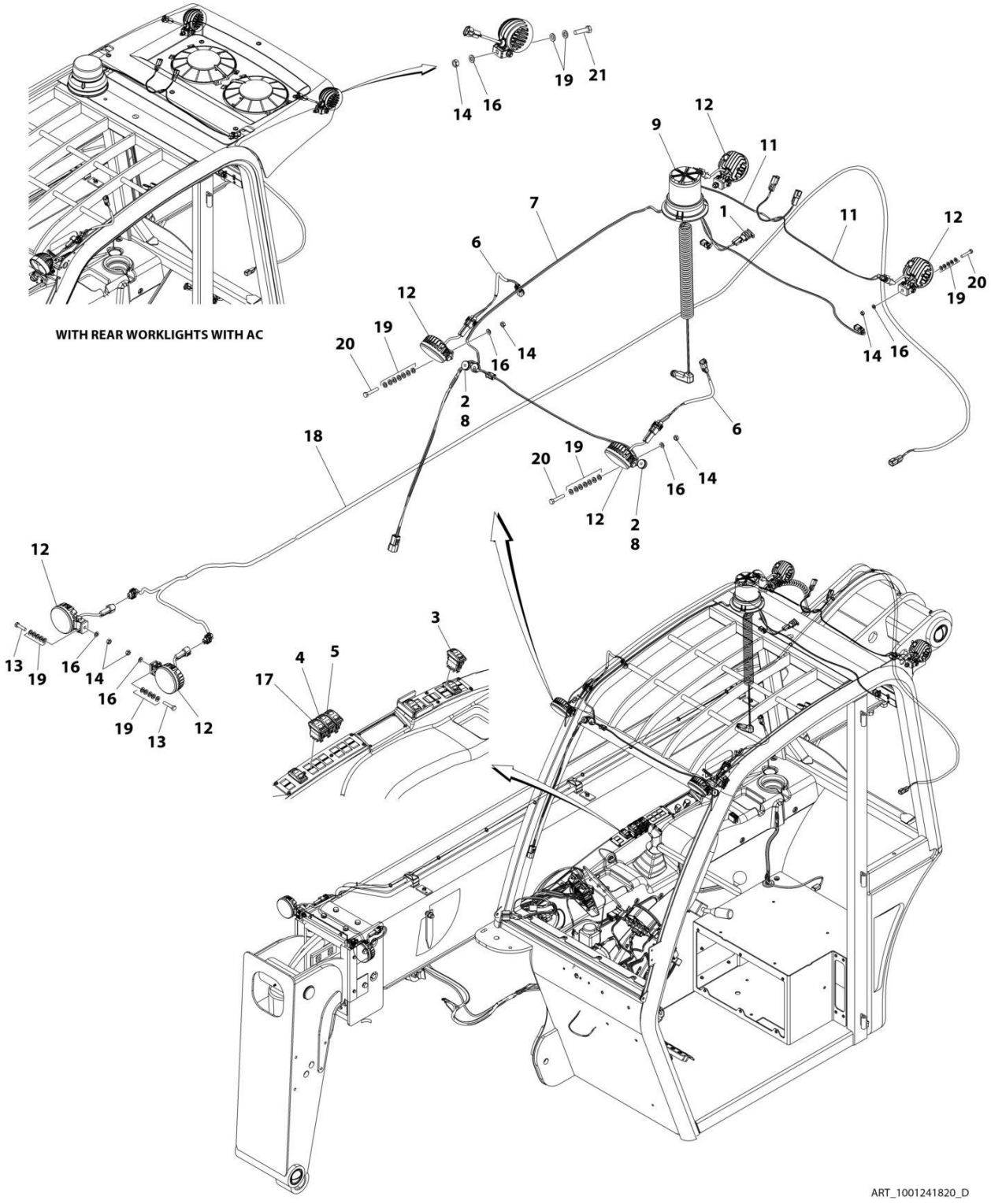


FIGURE 10-46. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (ENCLOSED CAB WITH OVERHEAD SWITCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241820	Ref	WORK LIGHT LED INSTALLATION	D
1	4461174	1	12V Terminal	
2	8882320	AR	Sealer, Seam	
3	1001080365	1	Beacon Light Switch	
4	1001080369	1	Front Work Light Switch	
5	1001080376	1	Rear Work Light Switch	
6	1001109565	2	Boom Worklight Jumper Harness (Short) (See Separate Breakdown in this Section)	
7	1001109566	1	Proximity Sensor Harness (See Separate Breakdown in this Section)	
8	1001111341	4	Grommet	
9	1001273075	1	Beacon Light	
11	1001142981	2	Boom Worklight Jumper Harness (Long) (See Separate Breakdown in this Section)	
12	1001273635	6	Light, LED	
13	0760612	AR	Bolt M6 x 25	
14	3290601	AR	Nut M6	
15	4240032	AR	Tie-Strap (Not Shown)	
16	4831700	AR	Washer M6	
17	1001080366	1	Switch	
18	1001080656	1	Boom Worklight Harness (See Separate Breakdown in this Section)	
19	4811700	AR	Washer M6	
20	0760615	AR	Bolt M6 x 35	
21	0760610	AR	Bolt M6 x 20	

FIGURE 10-47. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (OPEN CAB WITH OVERHEAD SWITCHES)

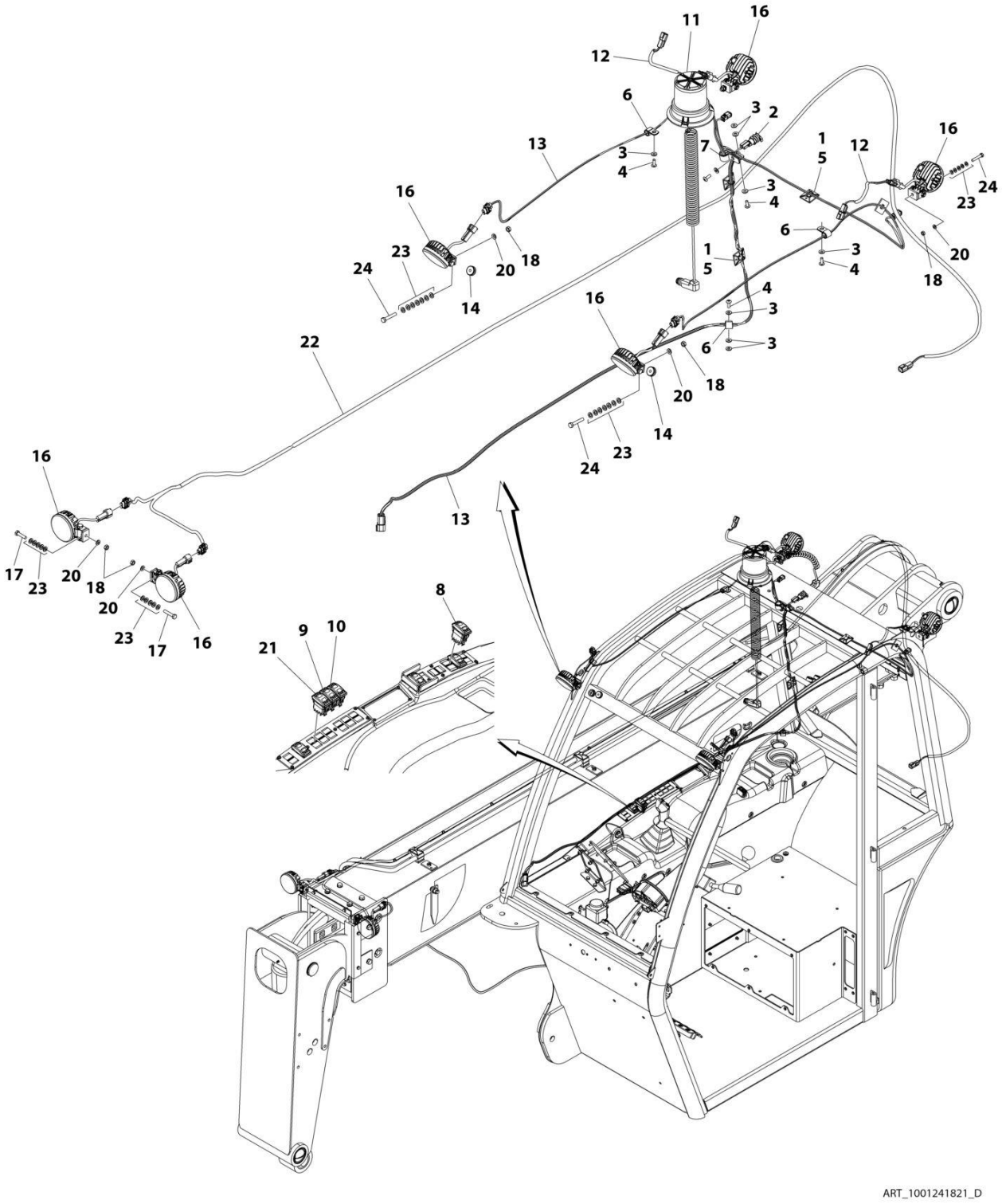


FIGURE 10-47. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (OPEN CAB WITH OVERHEAD SWITCHES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241821	Ref	WORK LIGHT LED INSTALLATION (OPEN CAB)	D
1	4460488	5	Mounting Base	
2	4461174	1	12V Terminal	
3	4711400	9	Washer 1/4	
4	8303034	5	Screw 1/4 x 3/4	
5	8881802	9	Tie-Strap	
6	85941016	4	Clamp, 1/2	
7	85941017	1	P-Clamp	
8	1001080365	1	Beacon Light Switch	
9	1001080369	1	Front Work Light Switch	
10	1001080376	1	Rear Work Light Switch	
11	1001273075	1	Beacon Light	
12	1001109565	2	Boom Worklight Jumper Harness (Short) (See Separate Breakdown in this Section)	
13	1001111156	1	Cab Worklight Harness (See Separate Breakdown in this Section)	
14	1001111341	2	Grommet	
16	1001273635	6	Light, LED	
17	0760612	AR	Bolt M6 x 25	
18	3290601	AR	Nut M6	
19	4240032	AR	Tie-Strap (Not Shown)	
20	4831700	AR	Washer M6	
21	1001080366	1	Switch	
22	1001080656	1	Boom Worklight Harness (See Separate Breakdown in this Section)	
23	4811700	AR	Washer M6	
24	0760615	AR	Bolt M6 x 35	

FIGURE 10-48. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (OPEN CAB)

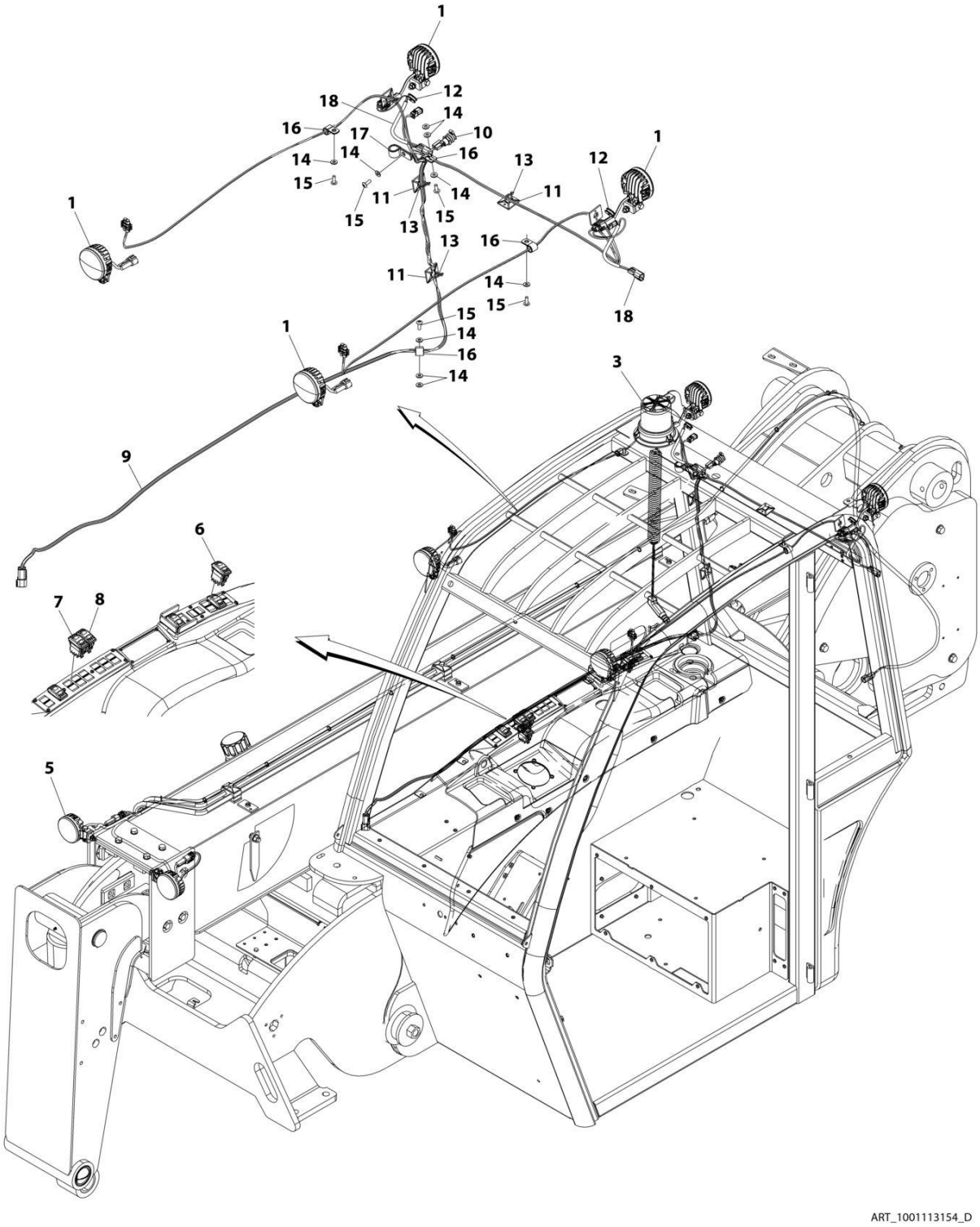


FIGURE 10-48. LIGHTS - WORKLIGHTS INSTALLATION (CAB, BOOM AND BEACON) (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001113154	Ref	WORK LIGHT INSTALLATION (OPEN CAB)	D
1	1001273635	4	Light	
3	1001273075	1	Beacon Light	
5	1001080669	1	Boom Work Light (See Separate Breakdown in this Section)	
6	1001080365	1	Beacon Light Switch	
7	1001080369	1	Front Work Light Switch	
8	1001080376	1	Rear Work Light Switch	
9	1001111156	1	Cab Worklight Harness (See Separate Breakdown in this Section)	
10	4461174	1	12V Terminal	
11	4460488	5	Mounting Base	
12	1001111341	2	Grommet	
13	8881802	9	Tie Strap	
14	4711400	9	Washer 1/4	
15	8303034	5	Screw 1/4 x 3/4	
16	85941016	4	1/2In Clamp	
17	85941017	1	P-Clamp	
18	1001109565	2	Boom Worklight Jumper Harness (Short) (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 10-49. LIGHTS - WORKLIGHTS HARNESS (BOOM)

FIGURE 10-49. LIGHTS - WORKLIGHTS HARNESS (BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001080656	Ref	Boom Worklights Harness	C
1	4460897	1	Connector	
2	4460464	2	Terminal	
3	4461115	1	Connector	
4	4460746	2	Terminal	
5	4461115	1	Connector	
6	4460746	2	Terminal	

FIGURE 10-50. LIGHTS - WORKLIGHTS HARNESS (ENCLOSED CAB)

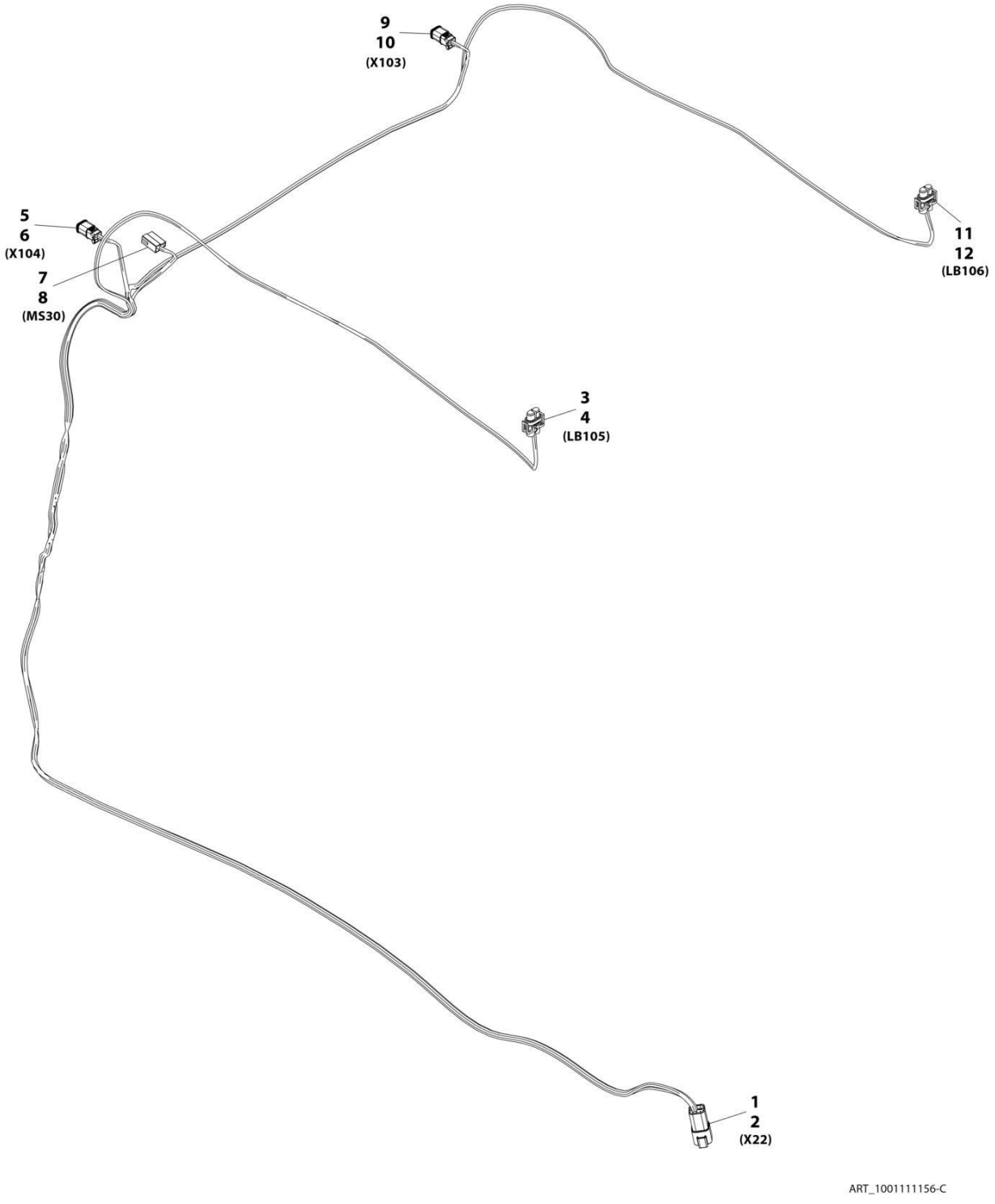


FIGURE 10-50. LIGHTS - WORKLIGHTS HARNESS (ENCLOSED CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001111156	Ref	Cab Worklight Harness	C
1	4460899	1	Connector	
2	4460464	6	Terminal	
3	4461115	1	Connector	
4	4460746	2	Terminal	
5	4460891	1	Connector	
6	4460465	2	Terminal	
7	4460994	1	Connector	
8	1001104519	2	Terminal	
9	4460891	1	Connector	
10	4460465	2	Terminal	
11	4461115	1	Connector	
12	4460746	2	Terminal	

FIGURE 10-51. LIGHTS - WORKLIGHTS HARNESS (OPEN CAB)

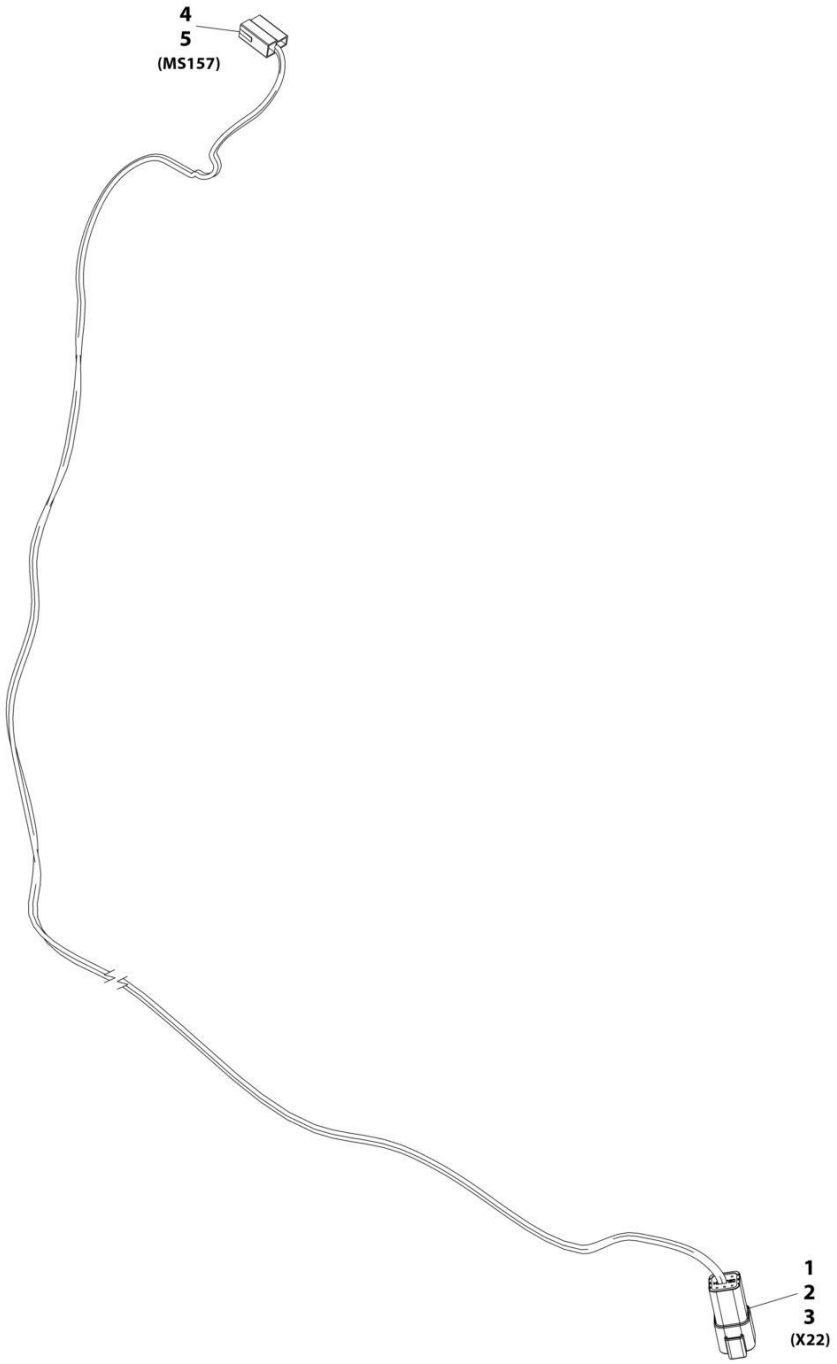


FIGURE 10-51. LIGHTS - WORKLIGHTS HARNESS (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001110723	Ref	Open Cab Worklight Harness	B
1	4460899	1	Connector	
2	4460466	4	Plug	
3	4460464	2	Terminal	
4	4460994	1	Connector	
5	1001104519	2	Terminal	

FIGURE 10-52. LIGHTS - WORKLIGHTS JUMPER HARNESS (BOOM)

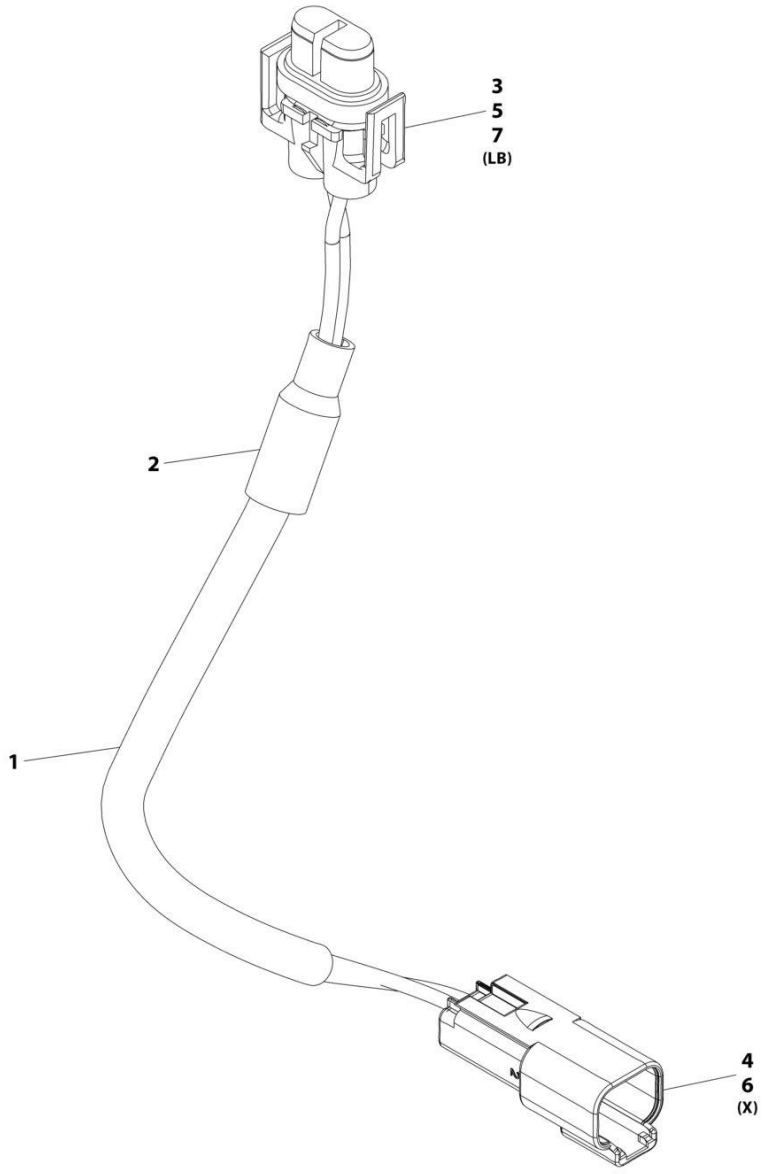


FIGURE 10-52. LIGHTS - WORKLIGHTS JUMPER HARNESS (BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001142981	Ref	Boom Worklight Jumper Harness (Long)	B
1	1060680	2 ft	Cable	
2	2820019	0.12 ft	Insulate, Tubing Shrink	
3	4460458	2	Seal	
4	4460464	2	Terminal	
5	4460746	2	Terminal	
6	4460897	1	Connector	
7	4461115	1	Connector	

FIGURE 10-53. LIGHTS - WORKLIGHTS JUMPER HARNESS (BOOM)

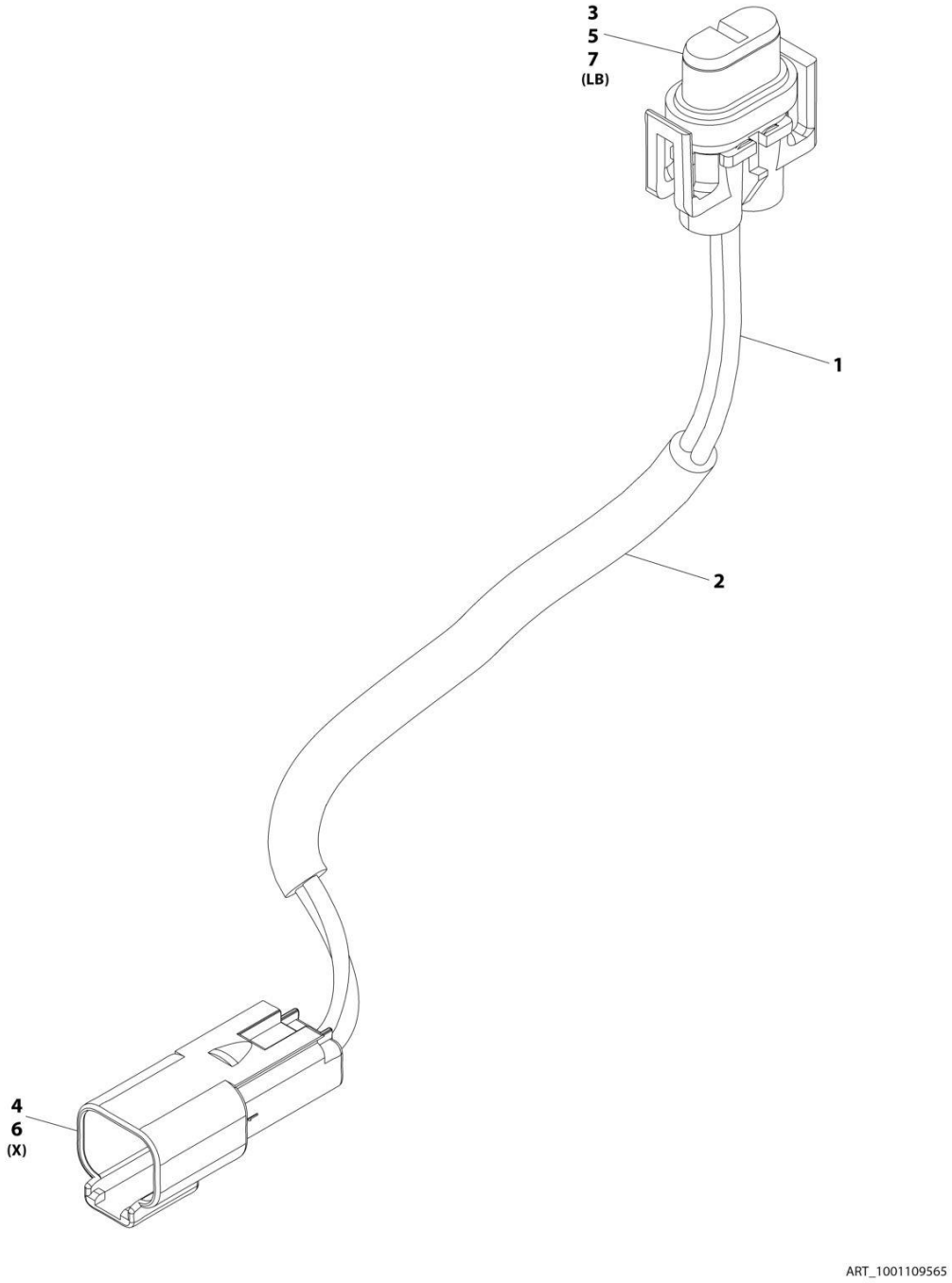


FIGURE 10-53. LIGHTS - WORKLIGHTS JUMPER HARNESS (BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109565	Ref	BOOM WORKLIGHT JUMPER HARNESS (SHORT)	F
1	1060680	1	Cable, 18-2	
2	2820019	AR	Insulate, Tubing shrink 3/8	
3	4460458	2	Terminal, Seal	
4	4460464	2	Terminal	
5	4460746	2	Terminal	
6	4460897	1	Connector	
7	4461115	1	Connector	

FIGURE 10-54. LIGHTS - WORKLIGHTS PROXIMITY SENSOR HARNESS

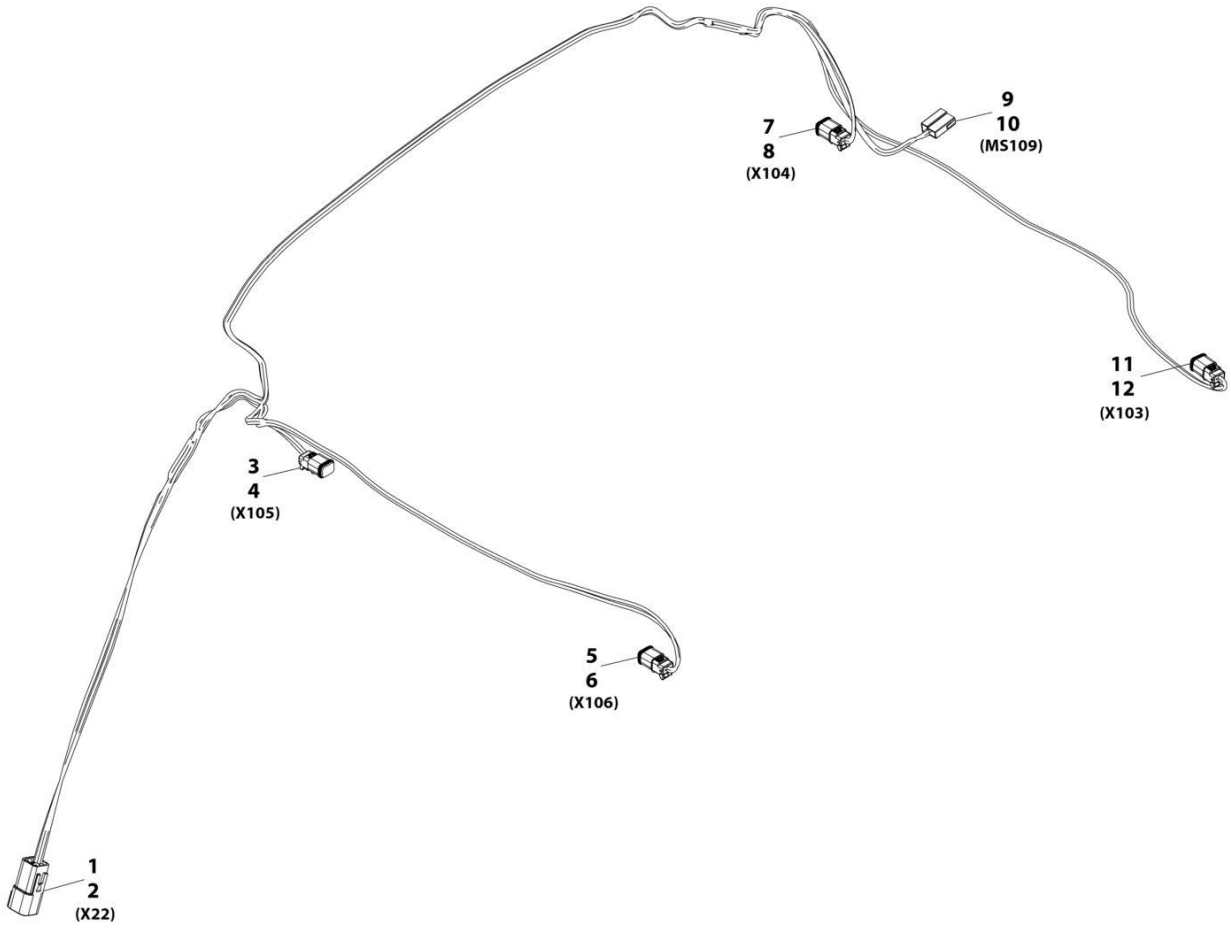


FIGURE 10-54. LIGHTS - WORKLIGHTS PROXIMITY SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001109566	Ref	Proximity Sensor Harness	B
1	4460899	1	Connector	
2	4460464	6	Terminal	
3	4460891	1	Connector	
4	4460465	2	Terminal	
5	4460891	1	Connector	
6	4460465	2	Terminal	
7	4460891	1	Connector	
8	4460465	2	Terminal	
9	4460994	1	Connector	
10	1001104519	2	Terminal	
11	4460891	1	Connector	
12	4460465	2	Terminal	

FIGURE 10-55. REVERSE SENSING SYSTEM INSTALLATION

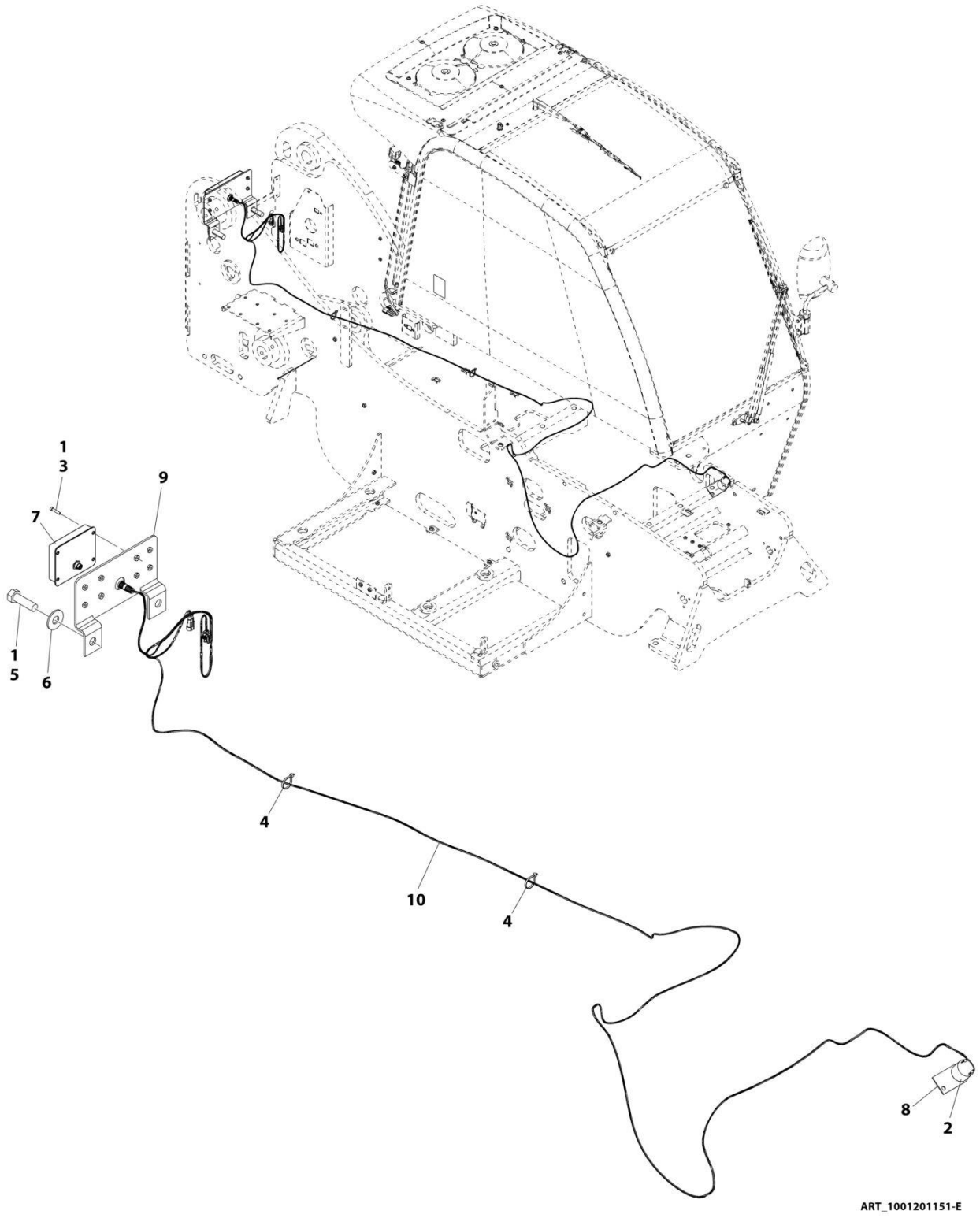


FIGURE 10-55. REVERSE SENSING SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201151	Ref	REVERSE SENSING SYSTEM INSTALLATION	E
1	0100011	AR	Compound, Locking	
2	0140011	1	Audible Signal Device	
3	3931012	4	Capscrew #10 x 3/4	
4	4240033	AR	Cable Tie Strap	
5	0682220	2	Capscrew 3/4 x 2-1/2	
6	4752200	2	Washer 3/4	
7	1001189997	Ref	Reverse Sensor Object, (no longer available, use 1001247421 for replacement)	
7	1001247421	1	Reverse Sensor Object	
8	1001182662	1	Audible Alarm Bracket	
9	1001184685	1	Backup Sensor Mounting Bracket	
10	1001190914	1	Reverse Sensor Harness (See Separate Breakdown in this Section)	

FIGURE 10-56. REVERSE SENSOR HARNESS

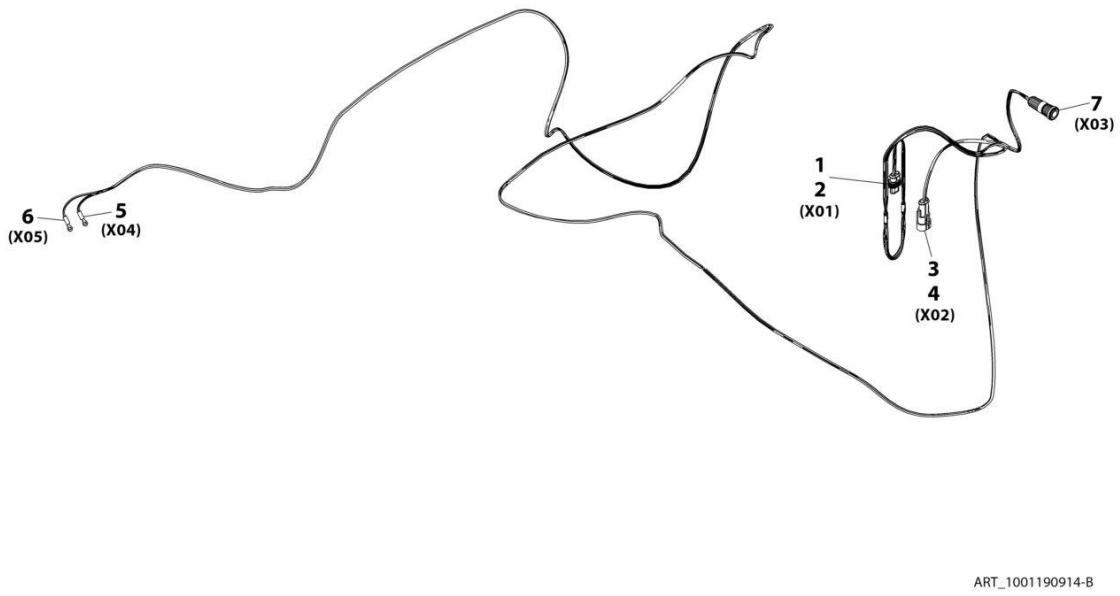


FIGURE 10-56. REVERSE SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190914	Ref	Reverse Sensor Harness	B
1	4461118	1	Connector	
2	1001107854	2	Terminal	
3	4461227	1	Connector	
4	1001104497	2	Terminal	
5	1001098122	1	Terminal, Ring	
6	1001098122	1	Terminal, Ring	
7	1001175733	1	Connector	

FIGURE 10-57. SPEED SENSOR JUMPER HARNESS

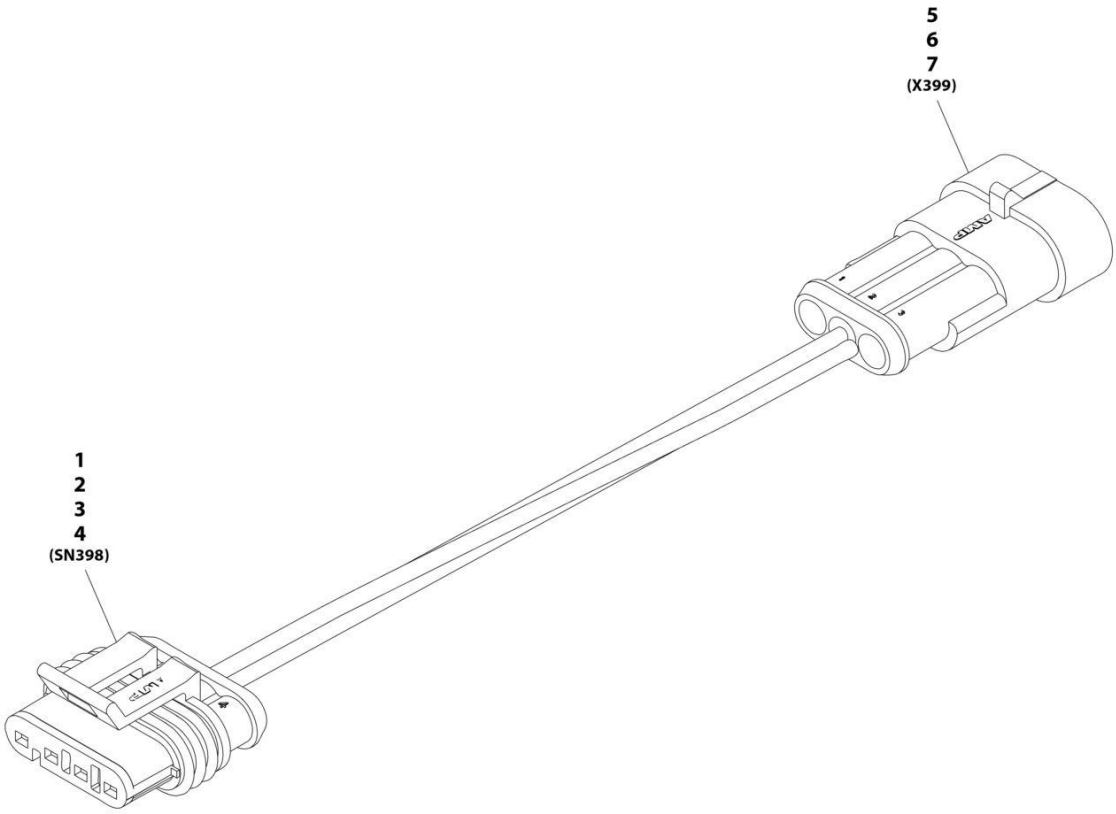


FIGURE 10-57. SPEED SENSOR JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234992	Ref	Speed Sensor Jumper Harness	B
1	1001103012	1	Connector	
2	1001107854	3	Terminal	
3	1001116698	1	Plug	
4	1001104498	3	Seal	
5	4461119	1	Connector	
6	1001104497	3	Terminal	
7	1001104498	3	Seal	

FIGURE 10-58. TELEMATICS/CLEARSKY INSTALLATION - 3-WIRE

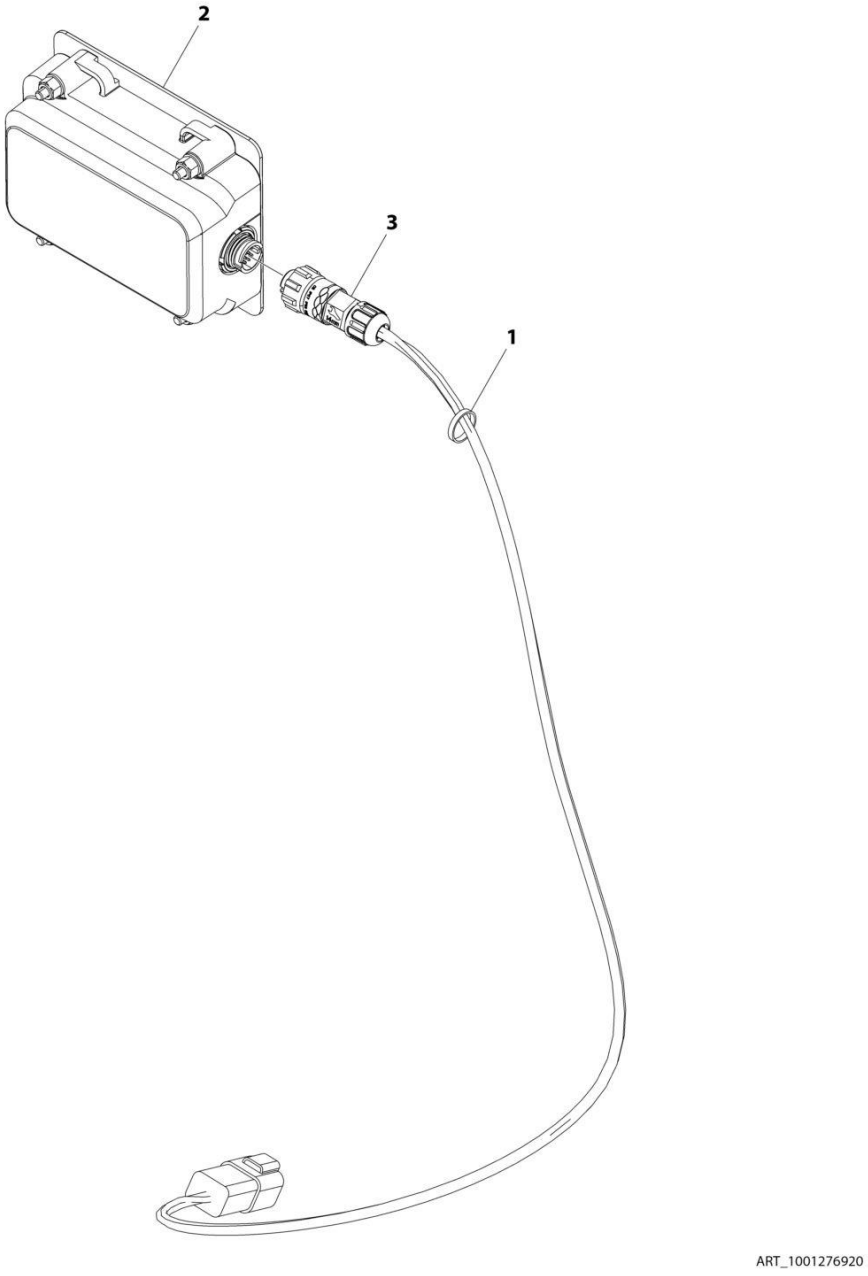


FIGURE 10-58. TELEMATICS/CLEARSKY INSTALLATION - 3-WIRE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276920	Ref	CLEARSKY TELEMATICS 3-WIRE INSTALLATION	A
1	4240032	AR	Tie, Strap	
2	1001272659	1	Module - GT1030	
3	1001273012	1	ClearSky Telematics 3-Wire Harness (See Separate Breakdown in this Section)	

FIGURE 10-59. TELEMATICS/CLEARSKY HARNESS - 3-WIRE

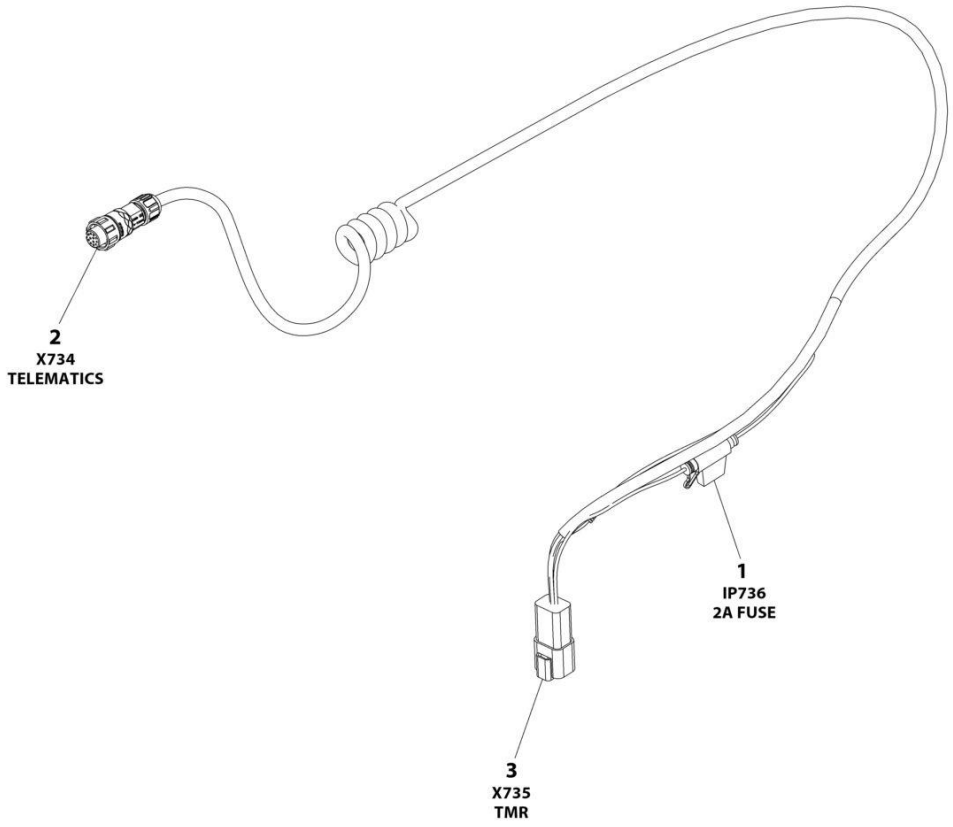


FIGURE 10-59. TELEMATICS/CLEARSKY HARNESS - 3-WIRE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273012	Ref	CLEARSKY TELEMATICS HARNESS - GT1030	D
1	1001255901	1	Fuseholder	
1	1001196634	1	Fuse - 2Amp	
2	1001272997	1	Connector - 12 Position	
2		Ref	Terminal	
3	4460932	1	Receptacle, Female - 4 Position	
3	4460464	4	Pin, Male	

FIGURE 10-60. TELEMATICS/CLEARSKY INSTALLATION - 4G CANBUS

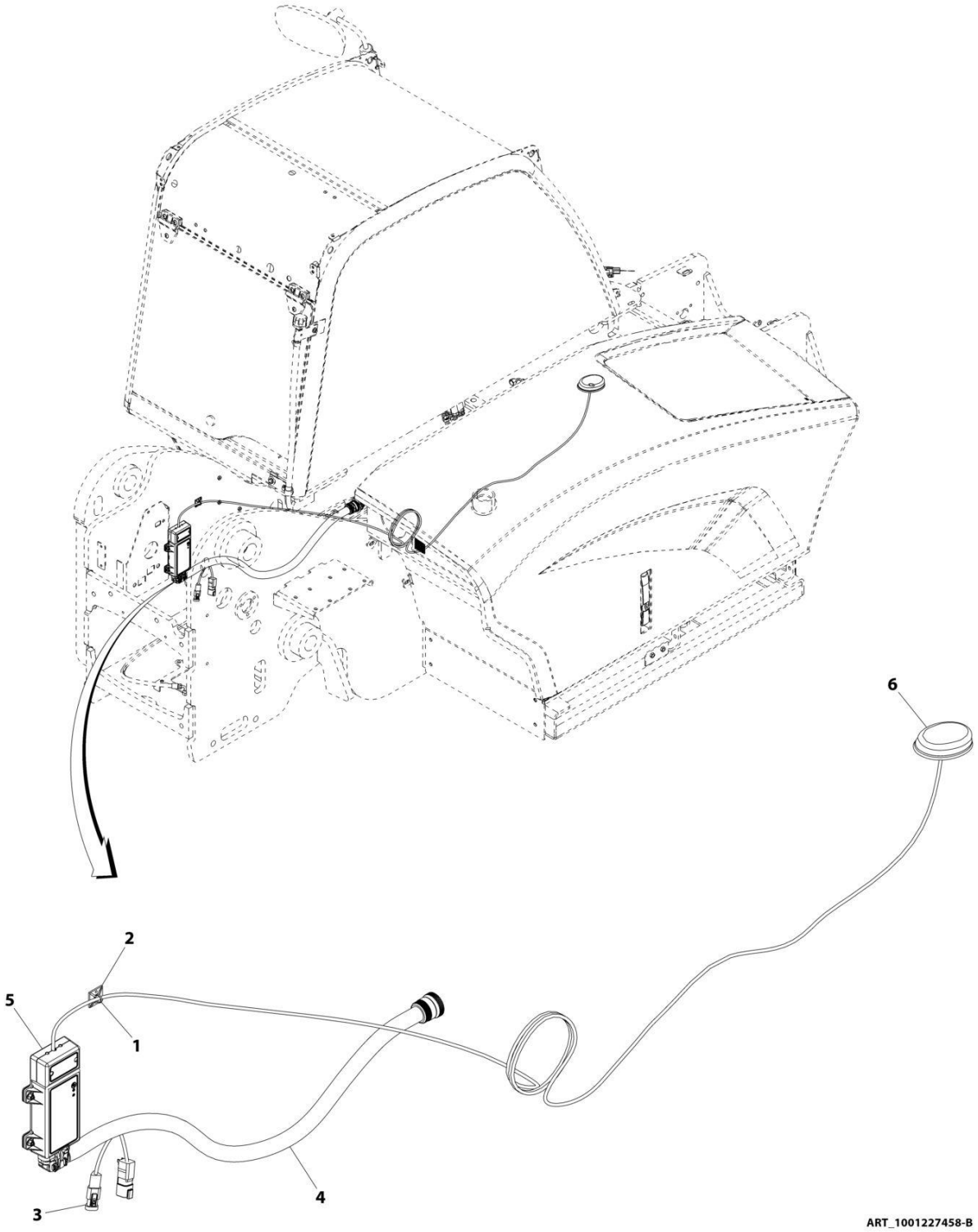
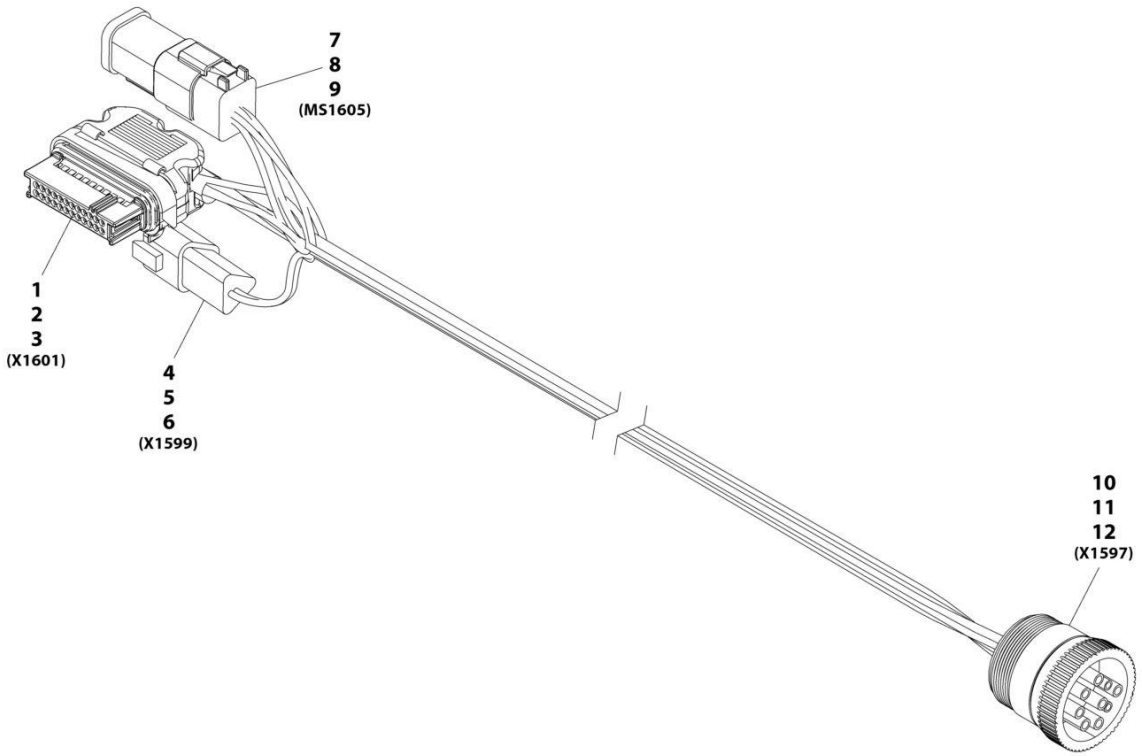


FIGURE 10-60. TELEMATICS/CLEARSKY INSTALLATION - 4G CANBUS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227458	Ref	Clearsky Installation	B
1	4240032	AR	Tie Strap	
2	4460234	AR	Terminal, Mount Cable Tie	
3	1001116815	1	Connector, Plug 3-Pin (3G)	
3	1001129408	1	Connector, Plug 3-Pin (4G)	
4	1001226739	1	Clearsky Harness (See Separate Breakdown in this Section)	
5	1001226796	1	Module (3G)	
5	1001262322	1	Module (4G)	
6	1001226799	1	Antenna (3G)	
6	1001262326	1	Antenna (4G)	

FIGURE 10-61. TELEMATICS/CLEARSKY HARNESS - 4G CANBUS

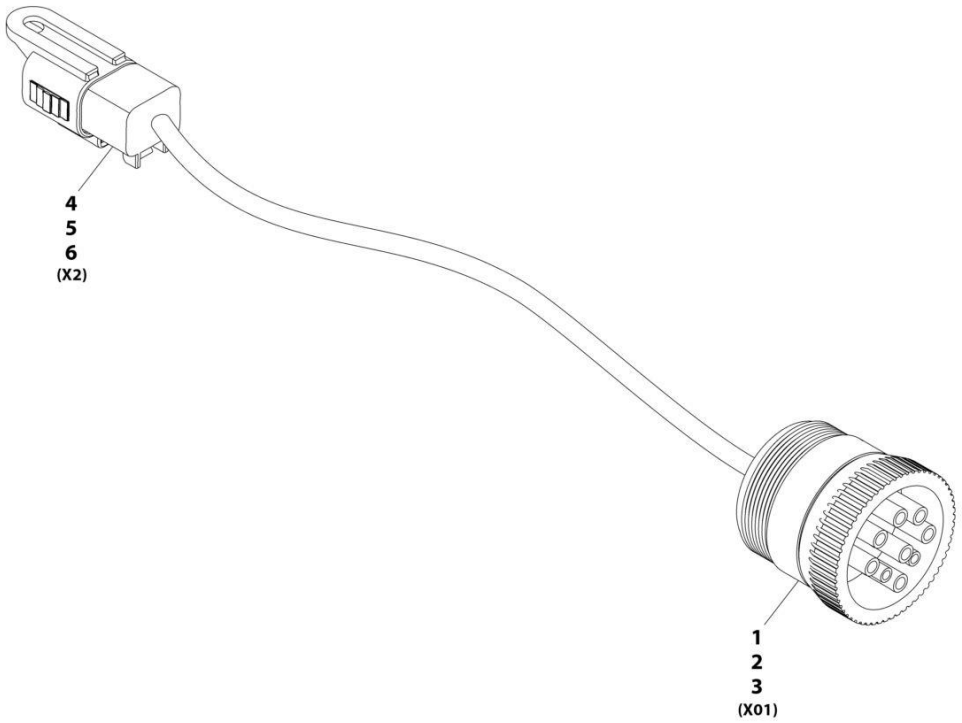


ART_1001226739-A

FIGURE 10-61. TELEMATICS/CLEARSKY HARNESS - 4G CANBUS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226739	Ref	Clearsky Harness	A
1	1001226636	1	Connector	
2	1001116731	16	Plug, Terminal	
3	1001226637	8	Terminal	
4	1001144147	1	Connector	
5	4460464	2	Terminal	
6	4460466	1	Plug, Terminal	
7	4460894	1	Connector	
8	4460465	6	Terminal	
9	1001226541	1	Connector- 6 Pin Bussbar	
10	1001112796	1	Connector	
11	4460465	8	Terminal	
12	4460466	1	Plug, Terminal	

FIGURE 10-62. TELEMATICS/CLEARSKY READY HARNESS

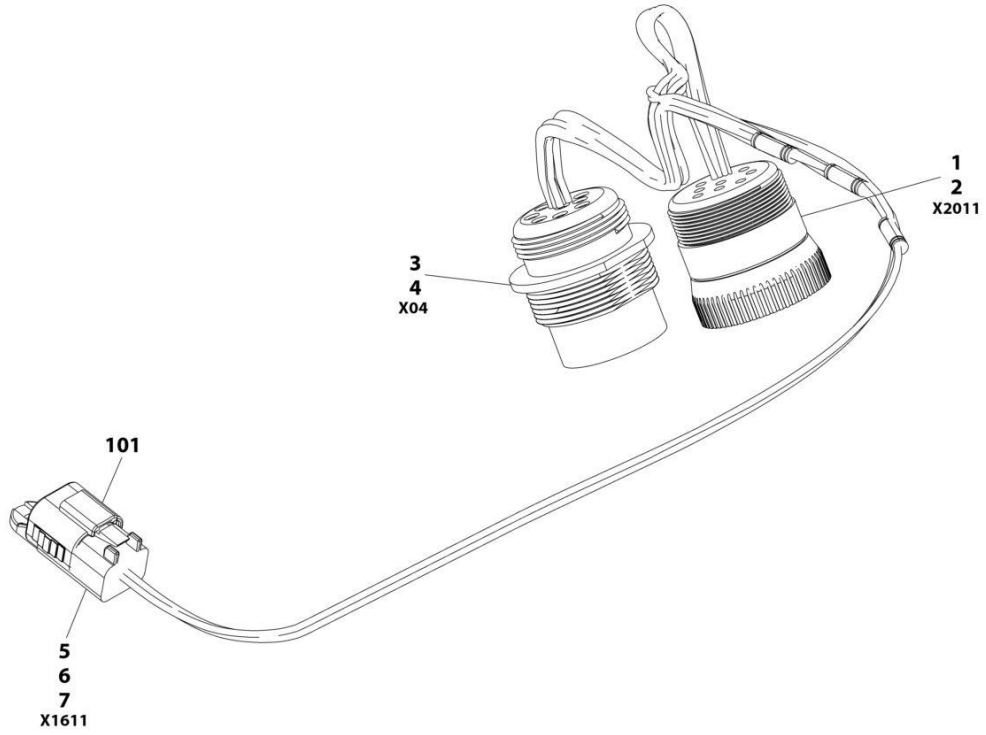


ART_1001196461-A

FIGURE 10-62. TELEMATICS/CLEARSKY READY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196461	Ref	Telematics Ready Harness	A
1	1001112796	1	Connector	
2	4460465	3	Terminal	
3	4460466	6	Plug	
4	4460884	1	Connector	
5	4460465	3	Terminal	
6	4460466	1	Plug	

FIGURE 10-63. TELEMATICS READY HARNESS



ART_1001291182

FIGURE 10-63. TELEMATICS READY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291182	Ref	TELEMATICS READY HARNESS	A
1	1001112796	1	Connector	
2	4460465	9	Terminal	
3	1001112612	1	Connector	
4	4460464	9	Terminal	
5	4460884	1	Connector	
6	4460465	3	Terminal	
7	4460466	1	Plug	
101	1001192401	1	Dust Cap	

FIGURE 10-64. TELEMATICS/CLEARSKY READY HARNESS - CUSTOMER SUPPLIED

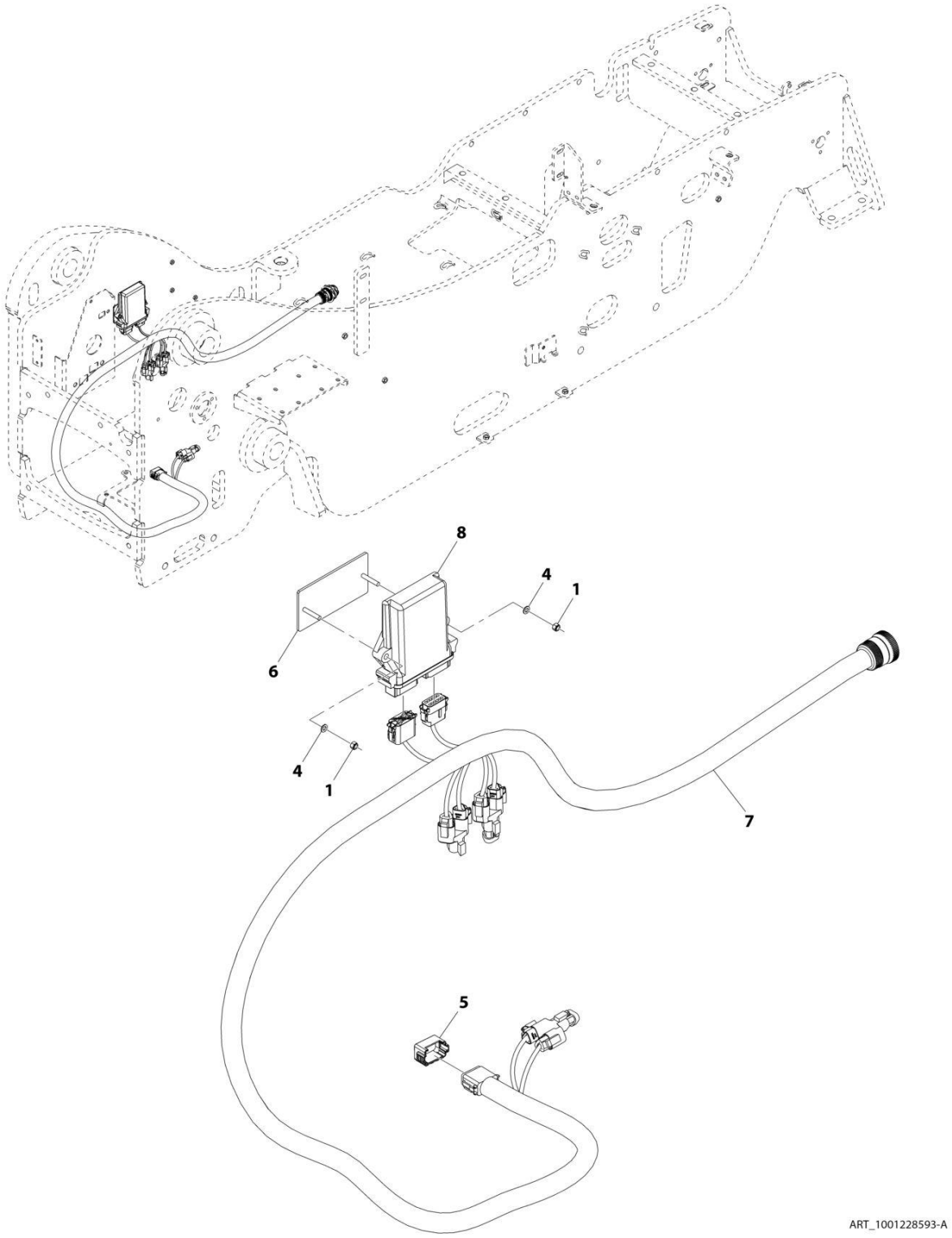


FIGURE 10-64. TELEMATICS/CLEARSKY READY HARNESS - CUSTOMER SUPPLIED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228593	1	Telematics Installation	B
1	3290505	2	Hex Locknut, M5X8	
2	4240032	AR	Tie Strap	
3	4460234	AR	Terminal, Mount Cable Tie	
4	4811600	2	Washer, 5mm	
5	1001215898	1	Dust Cap Connector	
6	1001219082	1	Control Mount Bracket	
7	1001291183	1	Telematics Gateway Harness (See Separate Breakdown in this Section)	
8	1001229458	1	Gateway Controller	

FIGURE 10-65. TELEMATIC GATEWAY HARNESS

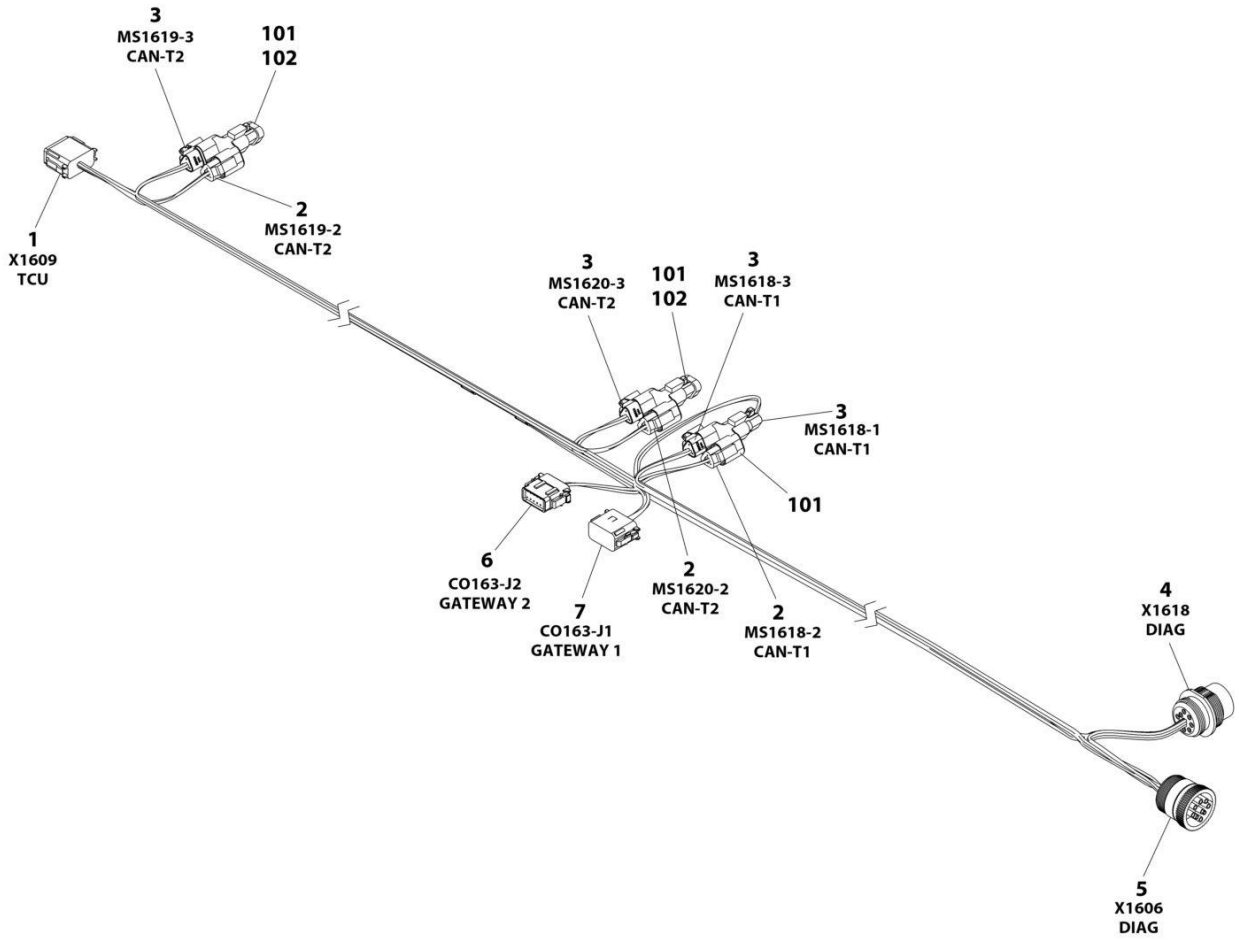


FIGURE 10-65. TELEMATIC GATEWAY HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291183	Ref	TELEMATIC GATEWAY HARNESS	A
1	4460933	1	Connector	
1	1001116692	5	Socket	
1	4460466	7	Plug	
2	4460539	3	Connector	
2	4460465	6	Socket	
2	4460466	3	Plug	
3	1001116812	4	Connector	
3	4460465	8	Socket	
3	4460466	4	Plug	
4	1001112612	1	Connector	
4	4460464	9	Pin	
5	1001112796	1	Connector	
5	1001116692	9	Socket	
6	1001116808	1	Connector	
6	1001116694	2	Socket	
6	4460518	10	Plug	
7	1001116774	1	Connector	
7	1001116694	4	Socket	
7	4460518	8	Plug	
101	4460945	3	3-Way Receptacle	
102	1001116815	2	Connector, Plug	

FIGURE 10-66. SEATBELT ALARM INSTALLATION

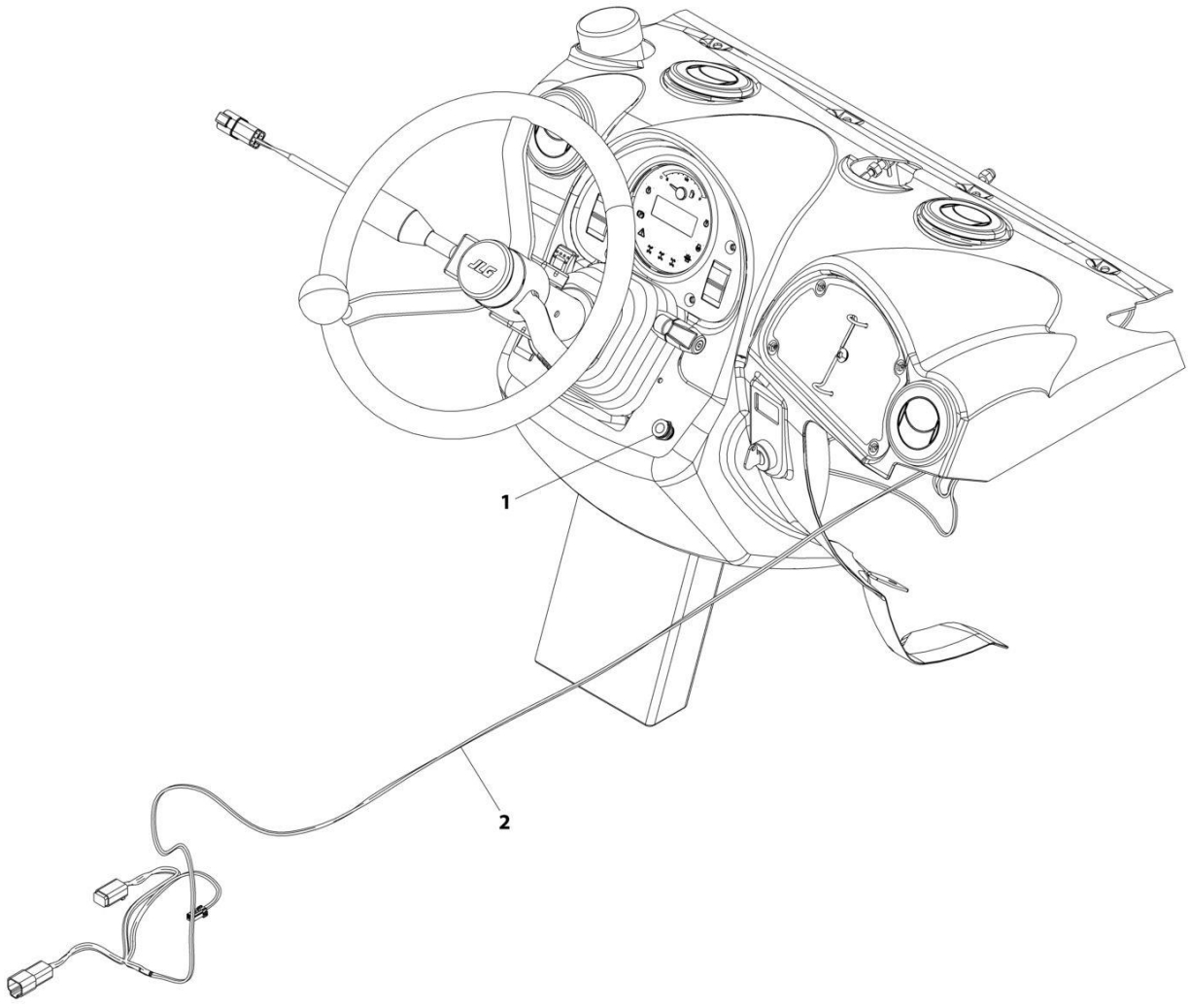


FIGURE 10-66. SEATBELT ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001290911	Ref	SEATBELT ALARM INSTALLATION	A
1	1001266488	1	Lamp, LED (Red)	
2	1001288822	1	Harness, Seatbelt Alarm (See Separate Breakdown in this Section)	

FIGURE 10-67. SEAT BELT ALARM HARNESS

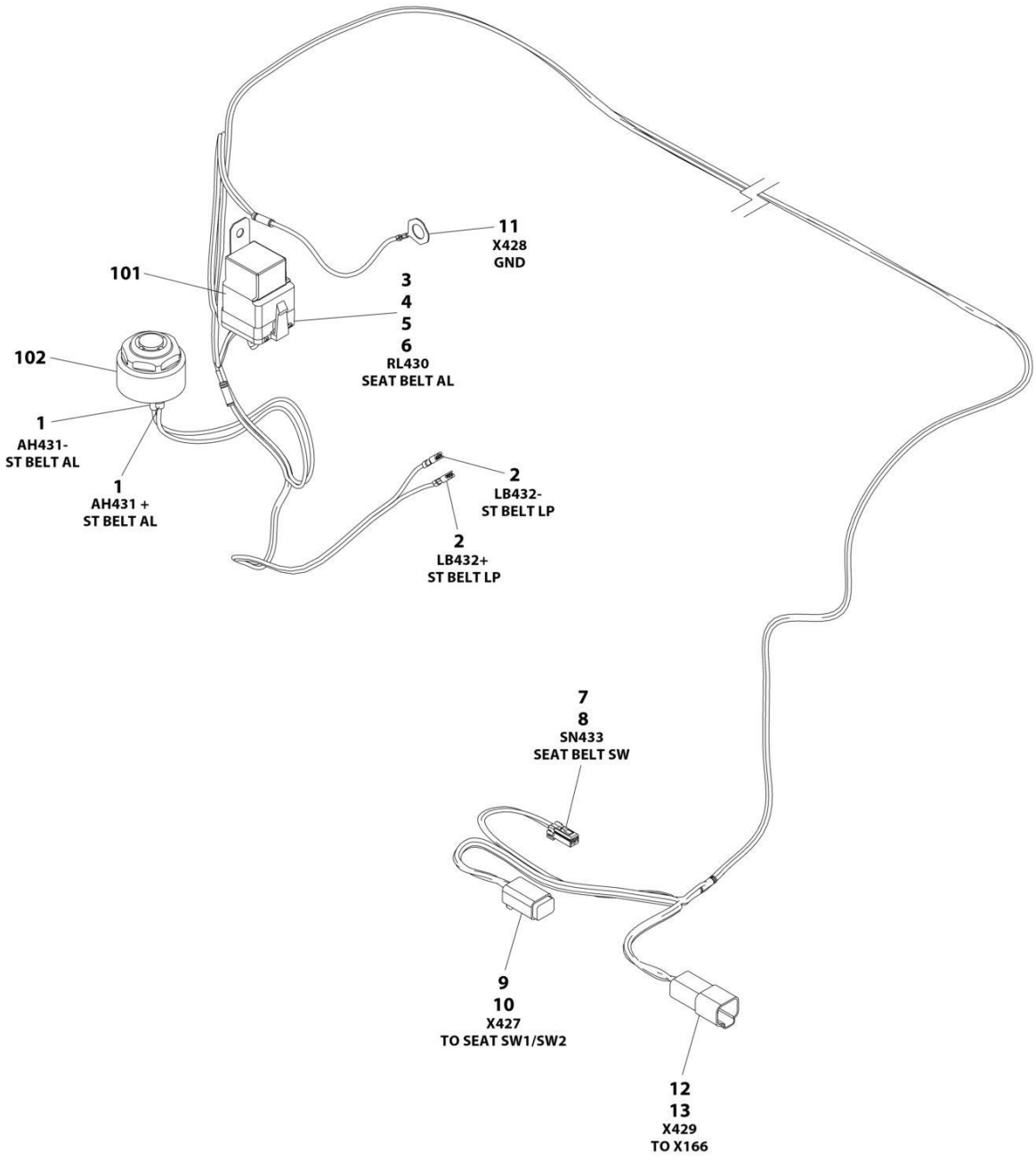


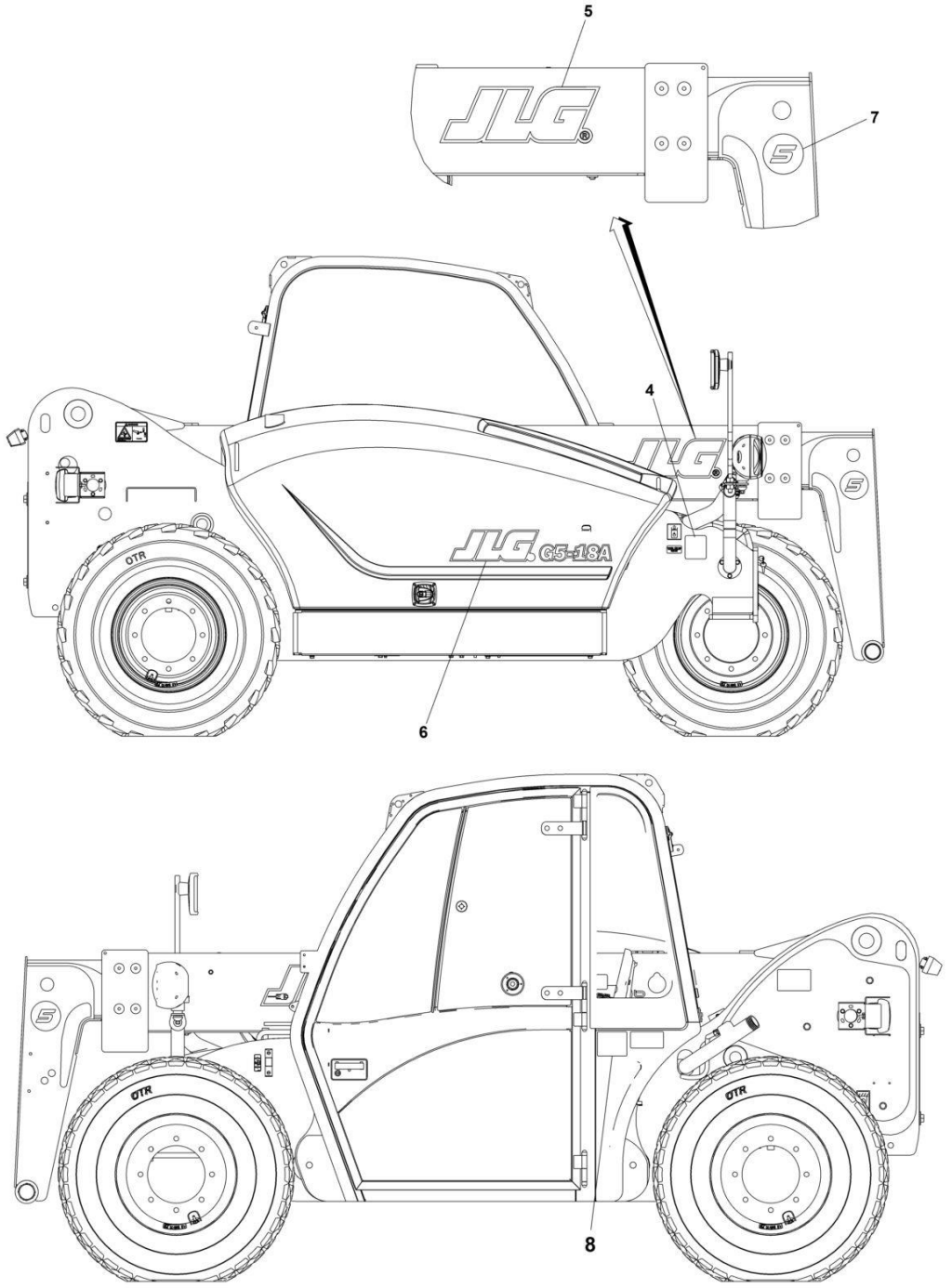
FIGURE 10-67. SEAT BELT ALARM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288822	Ref	SEAT BELT ALARM HARNESS	A
1	1001194421	2	Terminal	
2	1001201885	2	Terminal	
3	1001231398	1	Connector	
4	1001231400	4	Terminal	
5	1001231404	4	Seal	
6	1001231406	1	Plug, Terminal	
7	1001264844	1	Connector	
8	1001264861	2	Terminal	
9	4460884	1	Connector	
10	4460465	4	Terminal	
11	1001187077	1	Terminal, Ring	
12	4460932	1	Connector	
13	4460464	4	Terminal	
101	3740080	1	Relay	
102	1001091751	1	Alarm	

SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. DECAL INSTALLATION

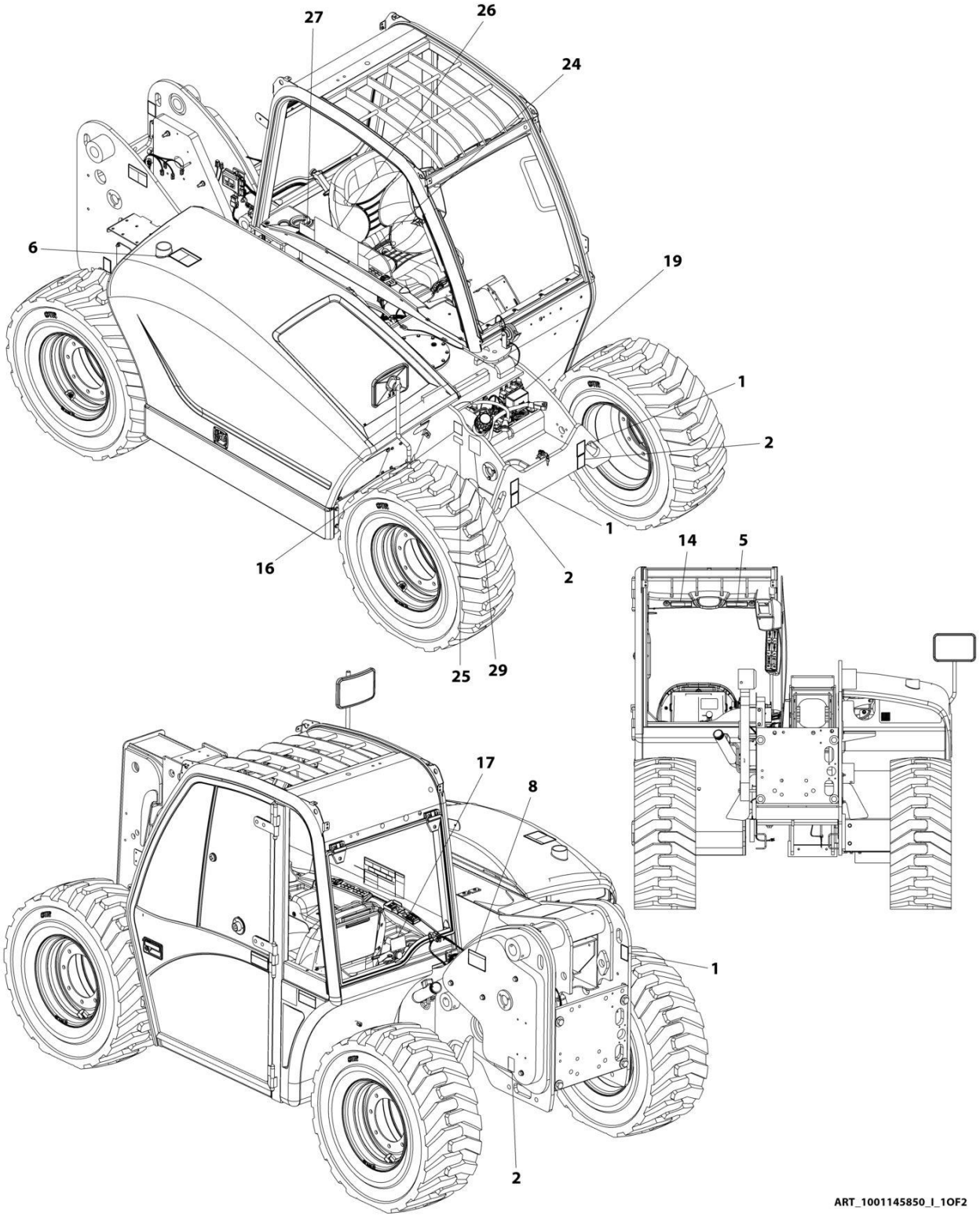


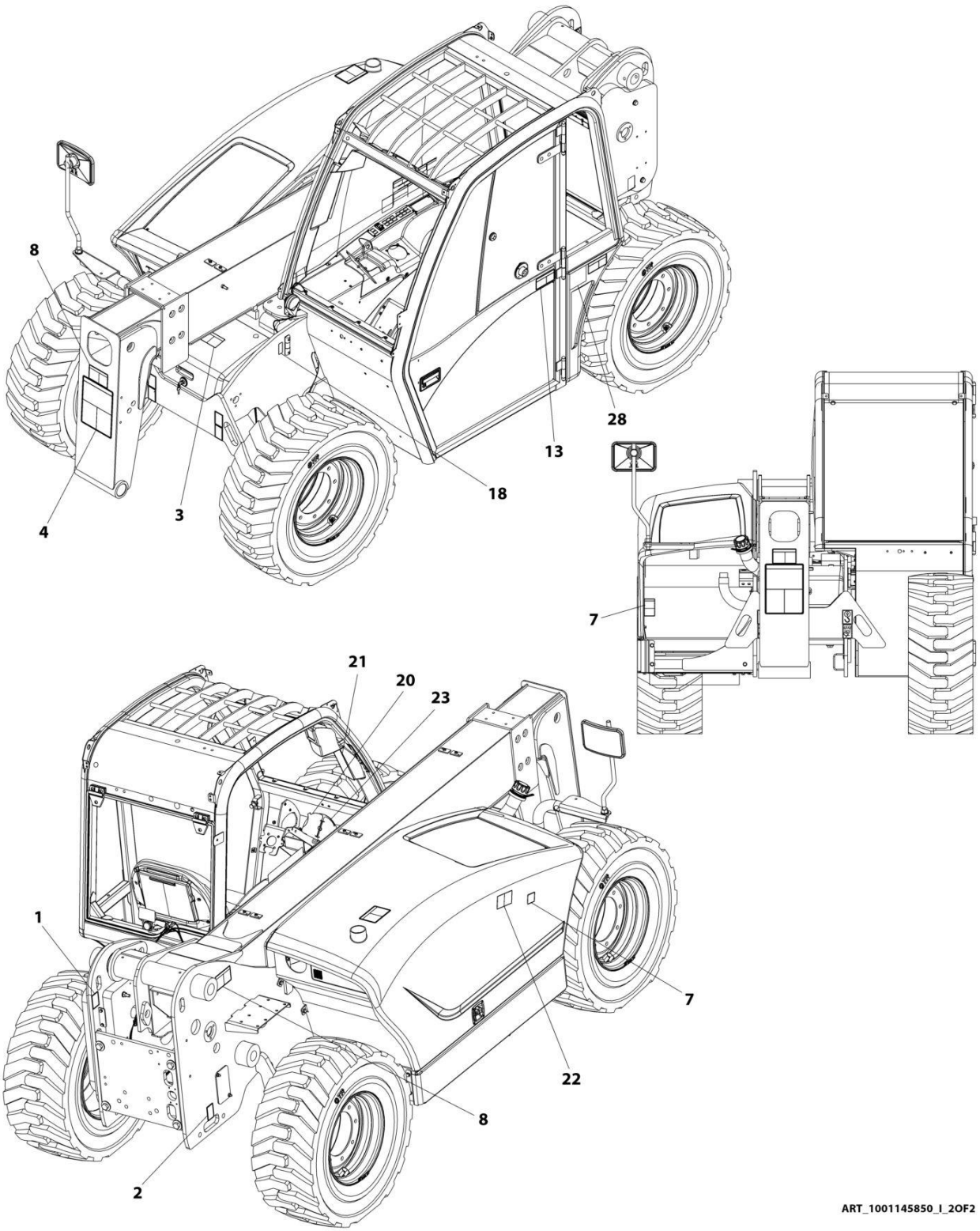
ART_1001148091_I

FIGURE 11-1. DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148091	Ref	DECAL INSTALLATION	I
4	1001131271	1	Decal, Patent Telehandlers	
5	1001151781	2	Decal, JLG	
6	1001151782	1	Decal, JLG	
7	1001279175	2	Decal, Boom Head 5K	
8	3251813	1	Decal, USA	

FIGURE 11-2. DECAL INSTALLATION, (ANSI)

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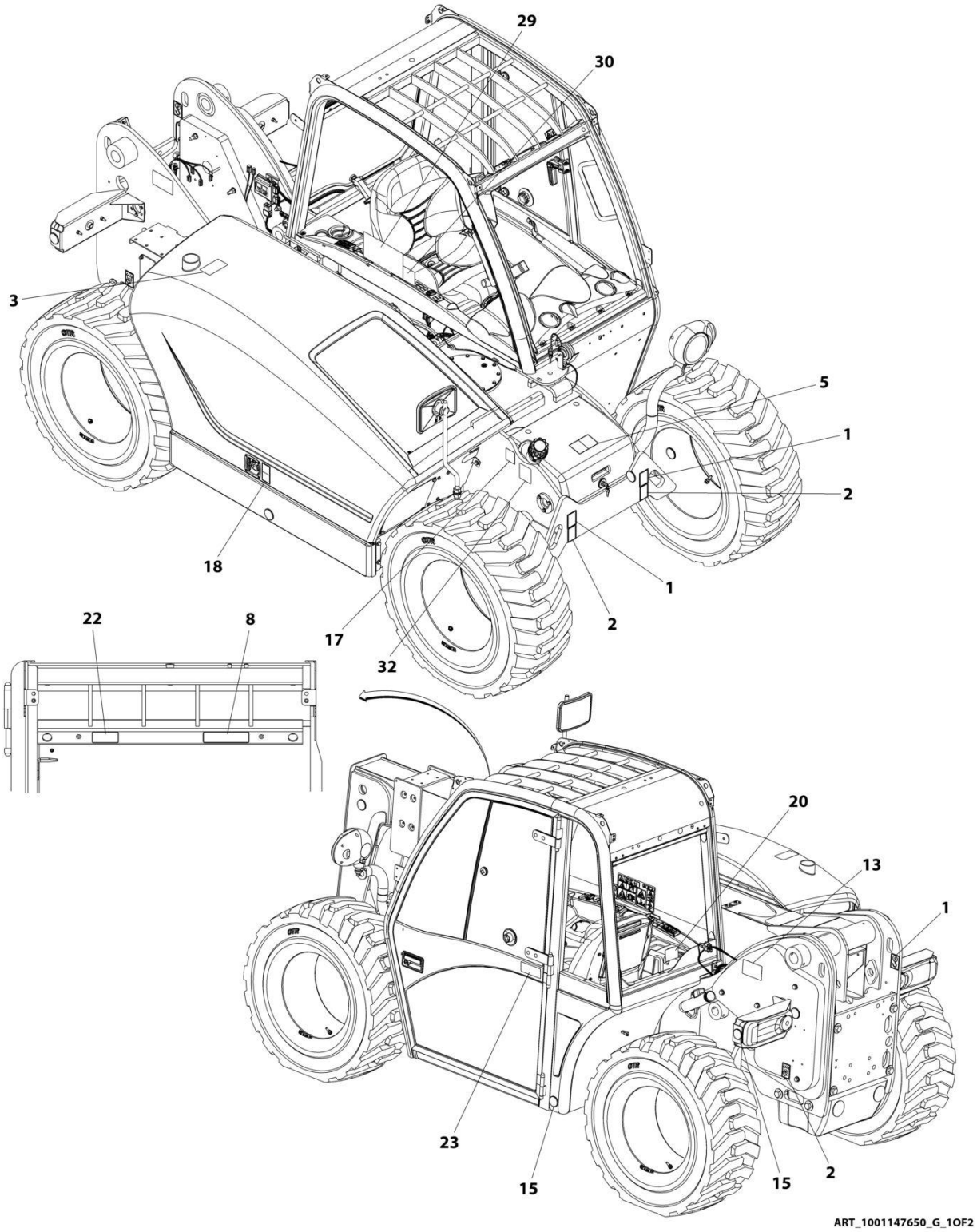
ART_1001145850_I_2OF2

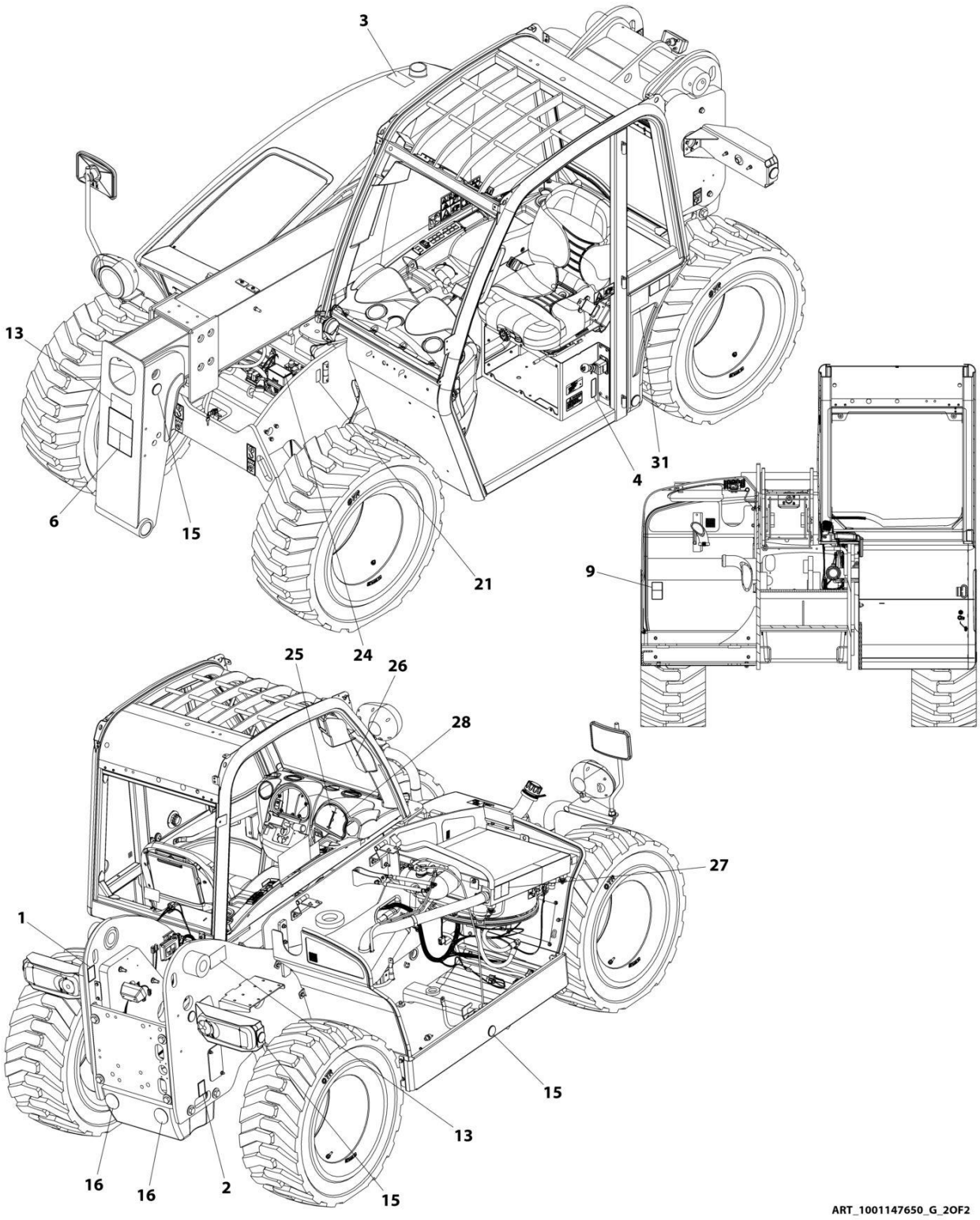
SECTION 11 - DECALS

FIGURE 11-2. DECAL INSTALLATION, (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145850	Ref	DECAL INSTALLATION	I
1	1701500	4	Decal, Lift	
2	1702300	4	Decal, Tie Down	
3	1706296	1	Decal, Battery Warning	
4	1706298	1	Decal, Attachment Falling Off Warning	
5	1706299	1	Decal, Contacting Power Lines Warning	
6	1706300	1	Decal, Ether Warning	
7	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
8	1706302	3	Decal, Pinch Point Boom Holes	
13	1706768	1	Decal, Vehicle Roll Away	
14	1706850	1	Decal, Crush Hazard Warning	
16	4100181	1	Decal, Hydraulic Oil Fill	
17	8005870	1	Decal, Emergency Exit	
18	91563220	1	Decal, Oil Level	
19	1001156576	1	Decal, Fuse Cover	
20	1001100107	1	Decal, Lube Chart	
21	1001101071	1	Decal, Instructional Joystick	
22	1001139578	1	Decal, Hot Fluid Warning	
23	1001146038	1	Decal, Maintenance Chart	
24	1001200101	1	Decal, Manual	
25	1001223453	1	Decal, ICES	
26	1707078	1	Decal, Warning	
27	1001231801	1	Decal, Warning Prop 65 Diesel	
28	3251813	AR	Decal - USA	
29	1702631	1	Decal, Bar Code	

FIGURE 11-3. DECAL INSTALLATION, (ISO)

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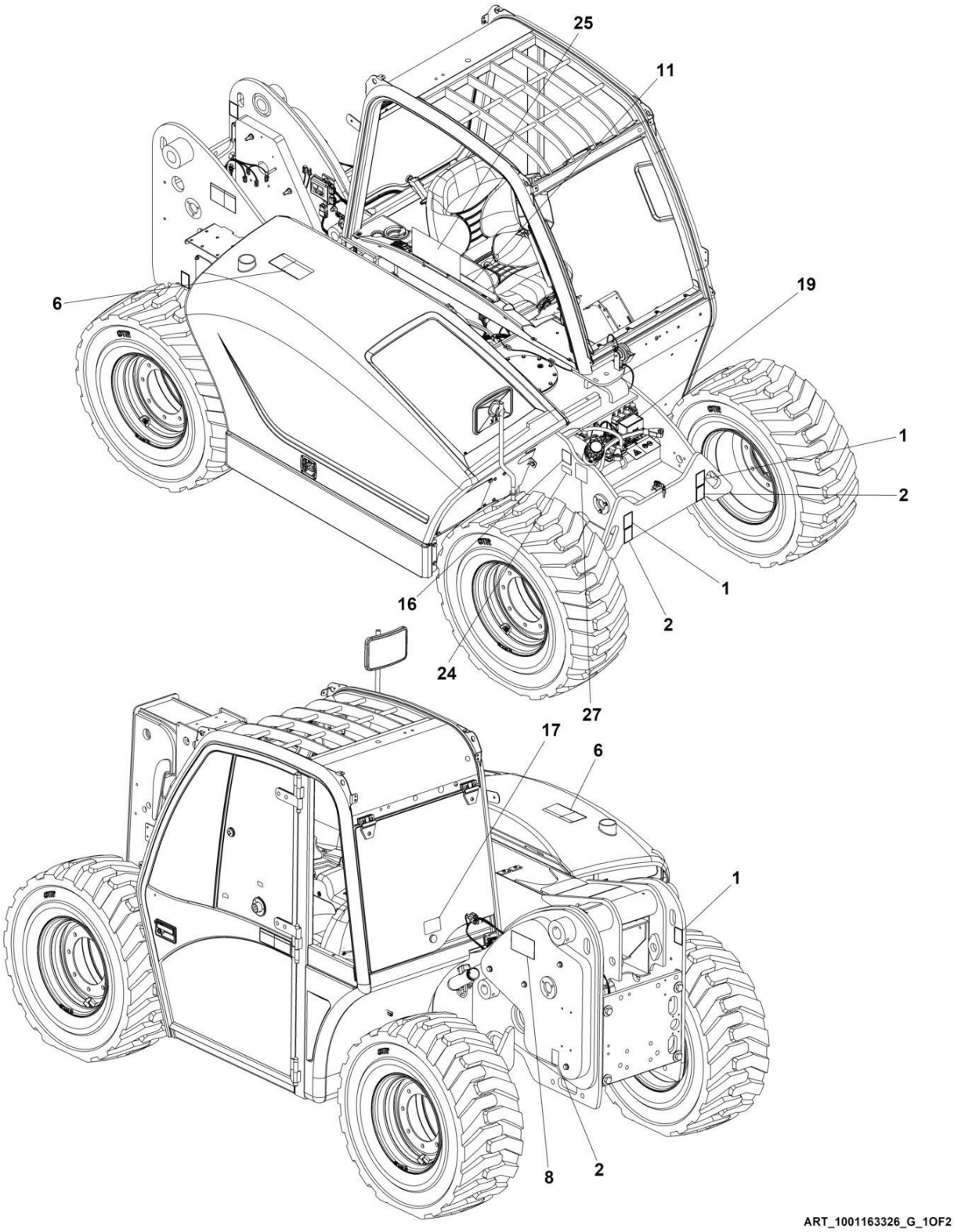
ART_1001147650_G_2OF2

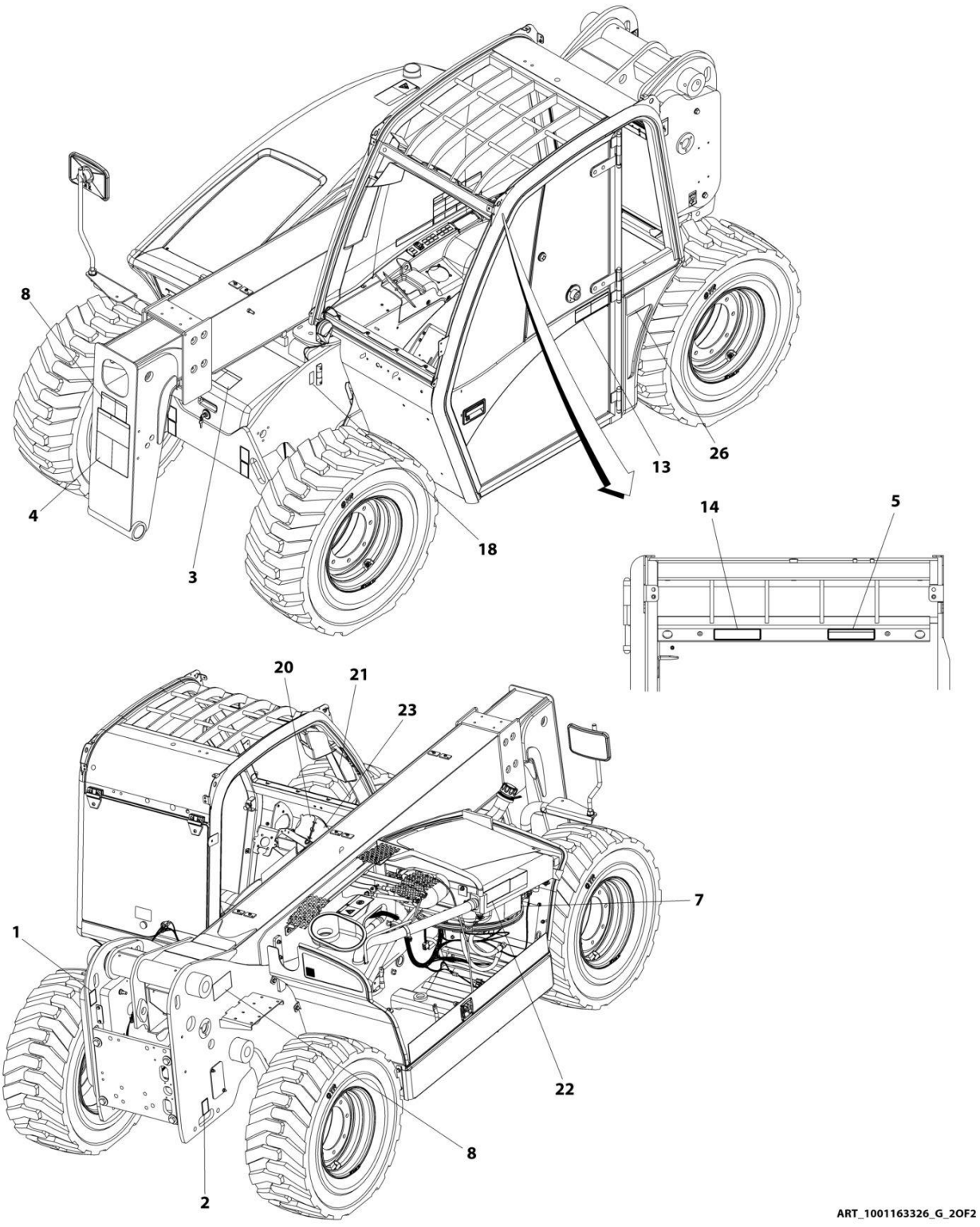
SECTION 11 - DECALS

FIGURE 11-3. DECAL INSTALLATION, (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147650	Ref	DECAL INSTALLATION, (ISO)	G
1	1701500	4	Decal, Lift	
2	1702300	4	Decal, Tie Down	
3	1706098	1	Decal, Ether Start Warning	
4	1706209	1	Decal, Park Brake	
5	1706281	1	Decal, Battery Warning	
6	1706282	1	Decal, Carry Personnel	
8	1706284	1	Decal, Electrocution Hazard	
9	1706285	2	Decal, Moving Parts	
13	1706292	3	Decal, Pinch Point	
15	3700016	6	Reflector	
16	3931579	2	Reflector	
17	4100181	1	Decal, Hydraulic Oil Fill	
18	8005670	1	Decal, Read Operators Manual	
20	8005870	1	Decal, Emergency Exit	
21	91563220	1	Decal, Oil Level	
22	1001092877	1	Decal, Crush Hazard Warning	
23	1001092878	1	Decal, No Riders	
24	1001156576	1	Decal, Fuse Cover	
25	1001100107	1	Lube Chart	
26	1001101071	1	Decal, Joystick	
27	1001139942	1	Decal, Hot Fluid Warning	
28	1001150347	1	Decal, Maintenance Chart	
29	1001101895	1	Decal, Warning	
30	1001200101	1	Decal, Manual Location	
31	3251813	AR	Decal - USA	
32	1702631	1	Decal, Bar Code	

FIGURE 11-4. DECAL INSTALLATION (ENGLISH/FRENCH)

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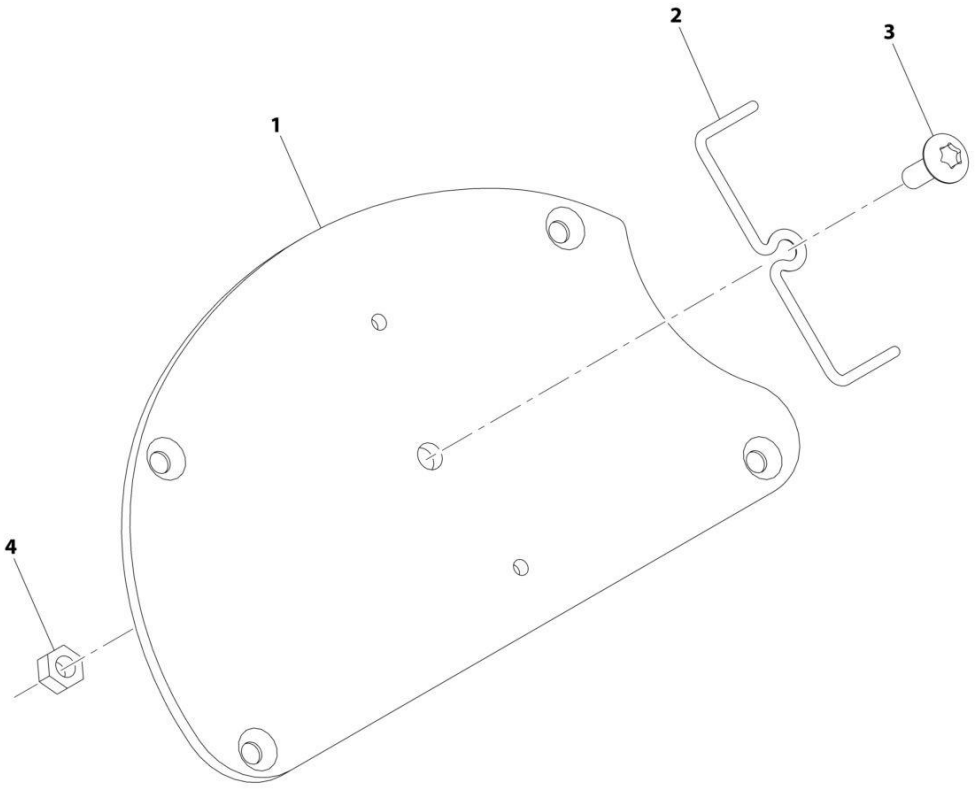
ART_1001163326_G_2OF2

SECTION 11 - DECALS

FIGURE 11-4. DECAL INSTALLATION (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163326	Ref	DECAL INSTALLATION (ENGLISH/FRENCH)	G
1	1701500	4	Decal, Lift	
2	1702300	4	Decal, Tie Down	
3	1001163174	1	Decal, Battery Warning	
4	1001163206	1	Decal, Carry Personnel	
5	1001163210	1	Decal, Electrocution Hazard	
6	1001163212	1	Decal, Warning No Either	
7	1001163222	2	Decal, Moving Parts	
8	1001163223	3	Decal, Pinch Point	
11	1001163285	1	Decal, Warning Tip Over	
13	1001163300	1	Decal, No Riders	
14	1001163304	1	Decal, Warning Crushing Hazard	
16	4100181	1	Decal, Hydraulic Oil Fill	
17	8005870	1	Decal, Emergency Exit	
18	91563220	1	Decal, Oil Level	
19	1001156576	1	Decal, Fuse Cover	
20	1001100107	1	Decal, Lube Chart	
21	1001101071	1	Decal, Instructional Joystick	
22	1001163323	1	Decal, Warning Hot Fluid	
23	1001146038	1	Decal, Maintenance Chart	
24	1001223453	1	Decal, ICES	
25	1001233558	1	Decal, Warning/Danger	
26	3251813	AR	Decal - USA	
27	1702631	1	Decal, Bar Code	

FIGURE 11-5. LOAD CHART MOUNT



ART_1001239184-A

FIGURE 11-5. LOAD CHART MOUNT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239184	Ref	Load Chart Mount	A
1	1001081301	1	Panel, Load Chart	
2	1001081302	1	Holder, Wire	
3	8303034	1	Truss HD Screw, 1/4-20X0.75	
4	3311405	1	Nut, 1/4-20	

FIGURE 11-6. CAPACITY CHART

ART_1001102000-I

FIGURE 11-6. CAPACITY CHART

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001102000	Ref	Capacity Chart	I

FIGURE 11-7. CAPACITY CHART (UNIVERSAL QUICK SWITCH)

ART_1001126677-G

FIGURE 11-7. CAPACITY CHART (UNIVERSAL QUICK SWITCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001126677	Ref	Capacity Chart (Universal Quick Switch)	G

FIGURE 11-8. CAPACITY CHART - METRIC

ART_1001117326-H

FIGURE 11-8. CAPACITY CHART - METRIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001117326	Ref	Capacity Chart - Metric	H

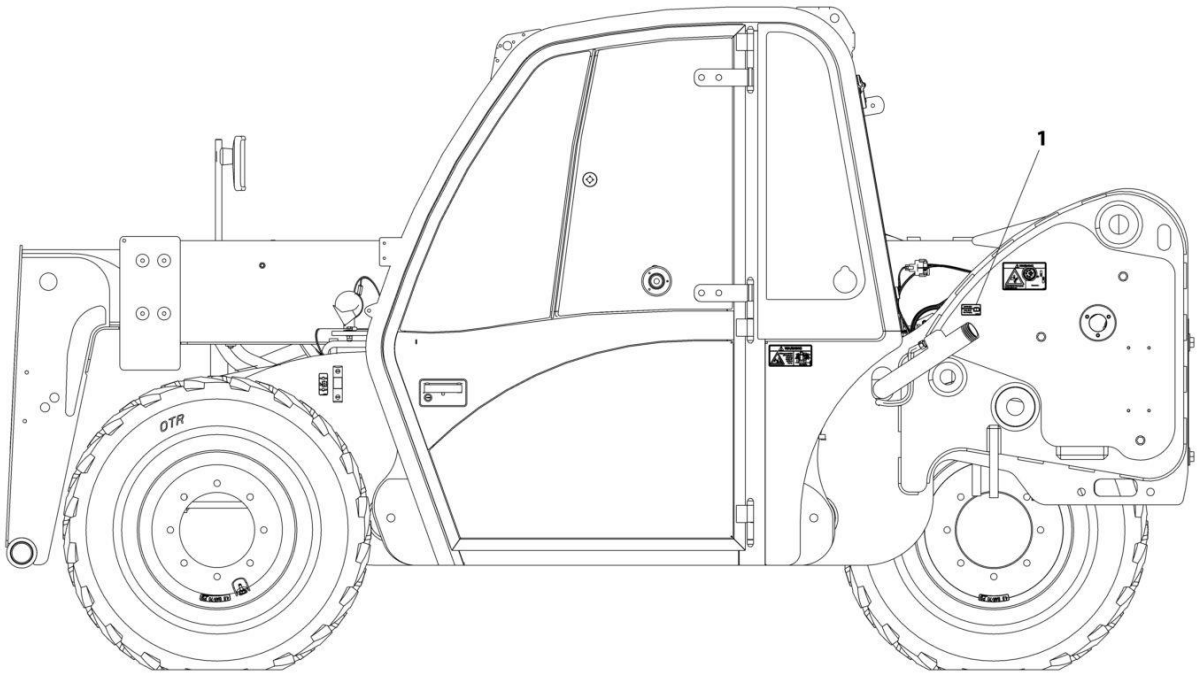
FIGURE 11-9. CAPACITY CHART (UNIVERSAL QUICK SWITCH - METRIC)

ART_1001126685-F

FIGURE 11-9. CAPACITY CHART (UNIVERSAL QUICK SWITCH - METRIC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001126685	Ref	Capacity Chart (Universal Quick Switch - Metric)	F

FIGURE 11-10. MACHINE DECAL (ULS - ANSI)

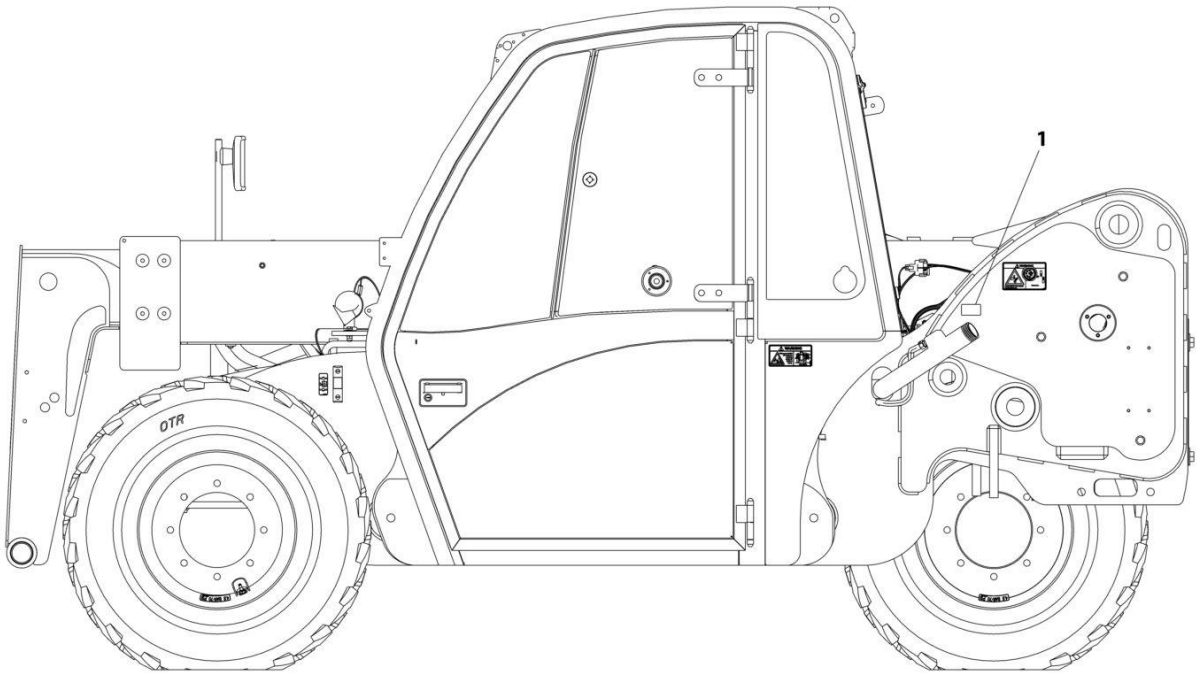


ART_1001150461-A

FIGURE 11-10. MACHINE DECAL (ULS - ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150461	Ref	Machine Decal (ULS - ANSI)	A
1	1001125387	1	Decal, Ultra Low Sulfur Fuel	

FIGURE 11-11. MACHINE DECAL (ULS - ISO)

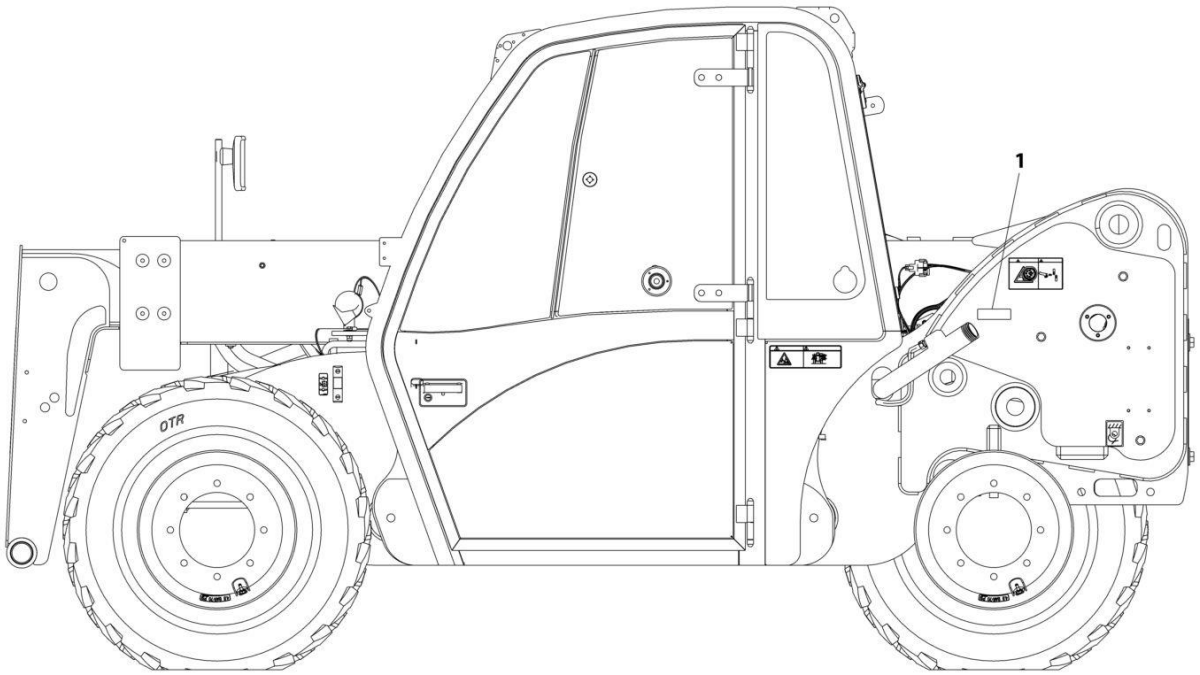


ART_1001150462-A

FIGURE 11-11. MACHINE DECAL (ULS - ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150462	Ref	Machine Decal (ULS - ISO)	A
1	1001139654	1	Decal, Ultra Low Sulfur Fuel	

FIGURE 11-12. MACHINE DECAL (ULS - ENGLISH/FRENCH)

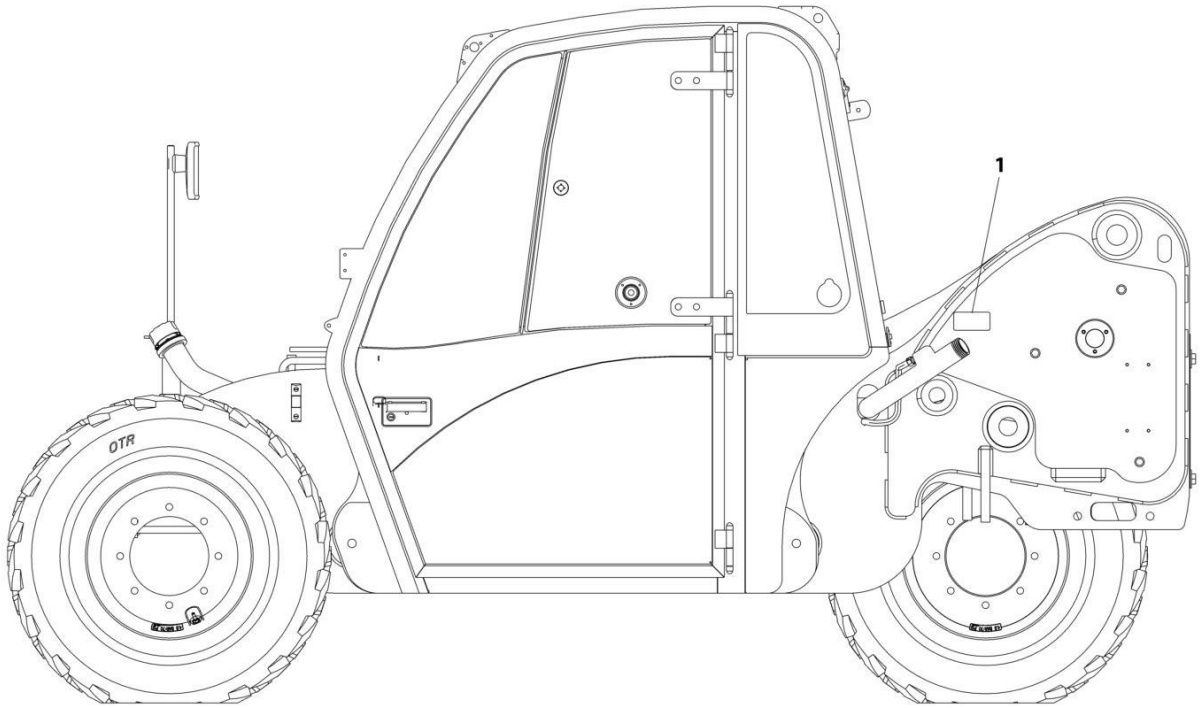


ART_1001163751-A

FIGURE 11-12. MACHINE DECAL (ULS - ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163751	Ref	Machine Decal (ULS - English/French)	A
1	1001163355	1	Decal, Ultra Low Sulfur Fuel	

FIGURE 11-13. MACHINE DECAL (LS)



ART_1001150642-A

FIGURE 11-13. MACHINE DECAL (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150642	Ref	Machine Decal (LS)	A
1	1001143852	1	Decal, Export	

FIGURE 11-14. REVERSE SENSOR SYSTEM DECAL (ENGLISH)

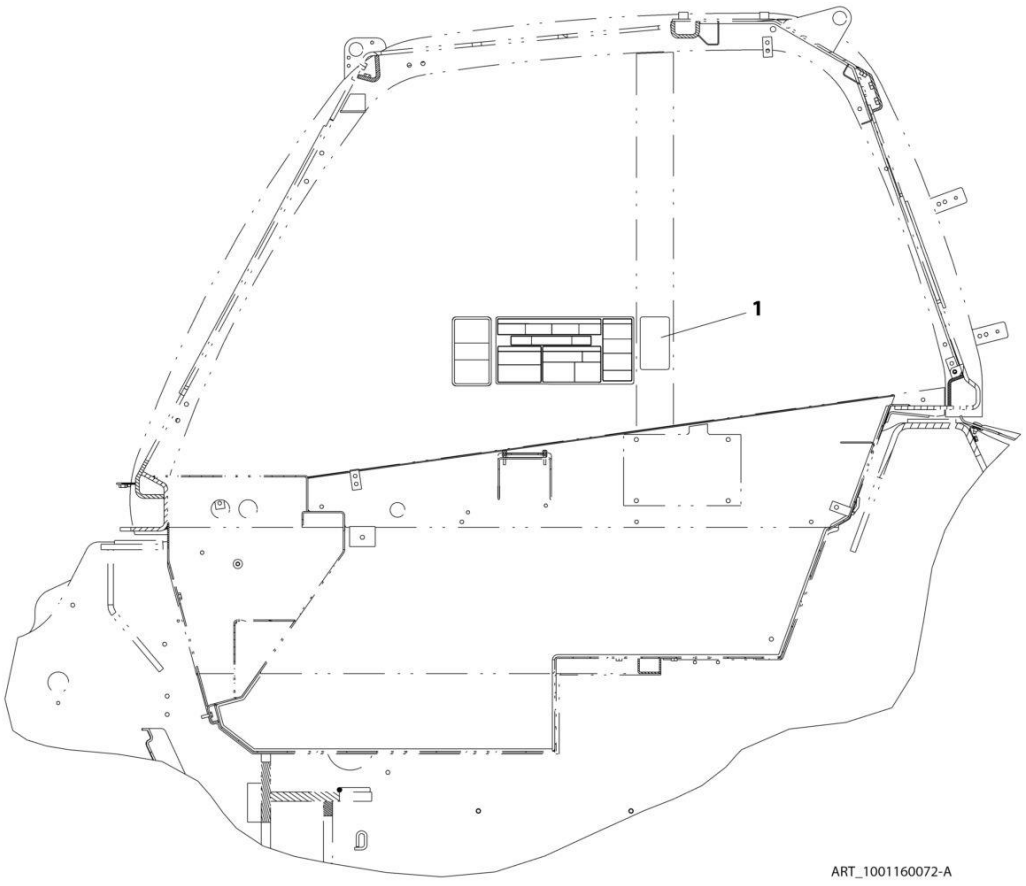


FIGURE 11-14. REVERSE SENSOR SYSTEM DECAL (ENGLISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160072	1	Reverse Sensor System Decal (English)	A

FIGURE 11-15. REVERSE SENSING SYSTEM DECAL, (ENGLISH/FRENCH)

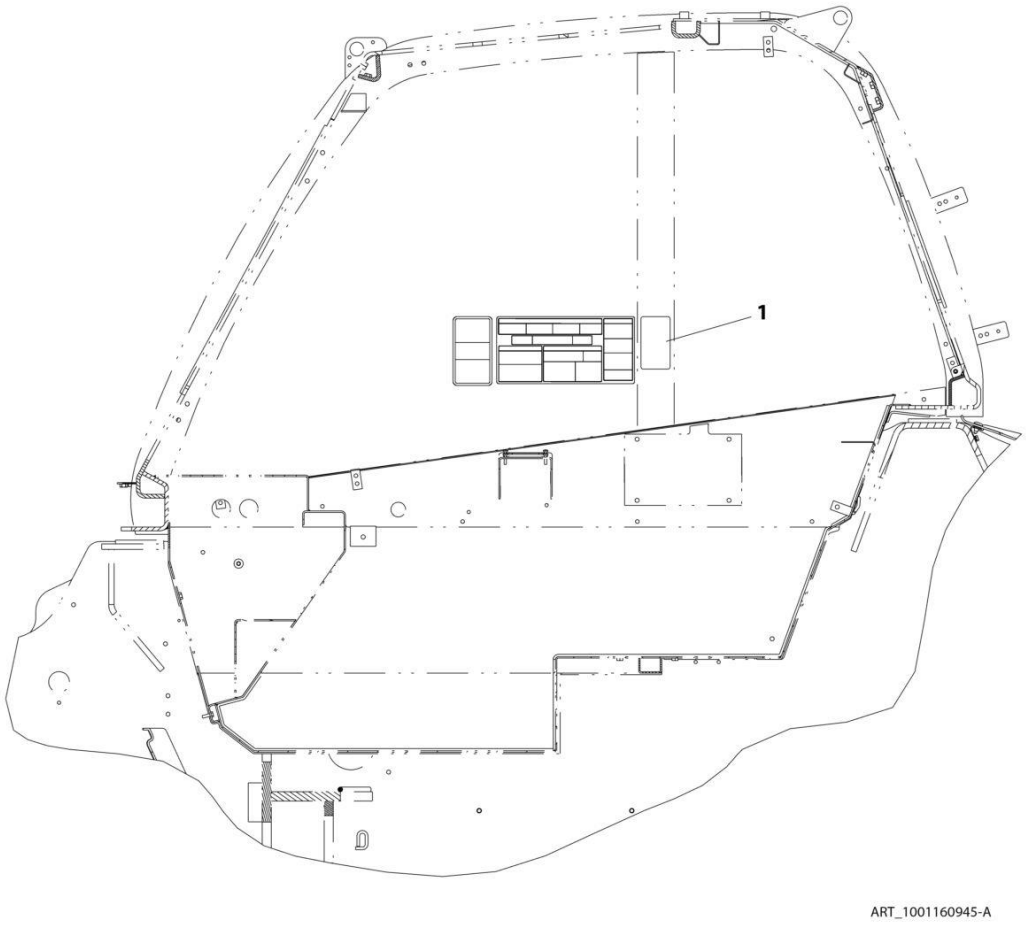


FIGURE 11-15. REVERSE SENSING SYSTEM DECAL, (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160945	1	Reverse Sensor System Decal (ENGLISH/FRENCH)	A

FIGURE 11-16. REVERSE SENSING SYSTEM DECAL (ISO)

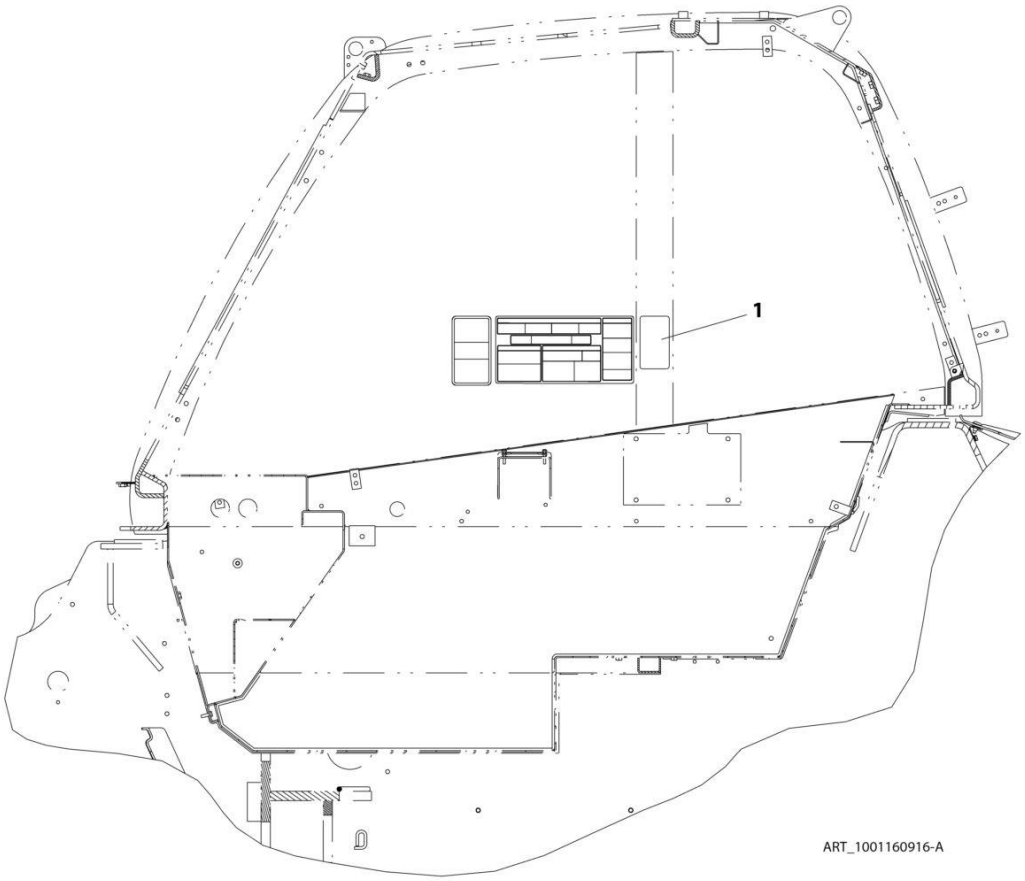


FIGURE 11-16. REVERSE SENSING SYSTEM DECAL (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001160916	1	Reverse Sensor System Decal (ISO)	A

FIGURE 11-17. CLEARSKY DECAL INSTALLATION

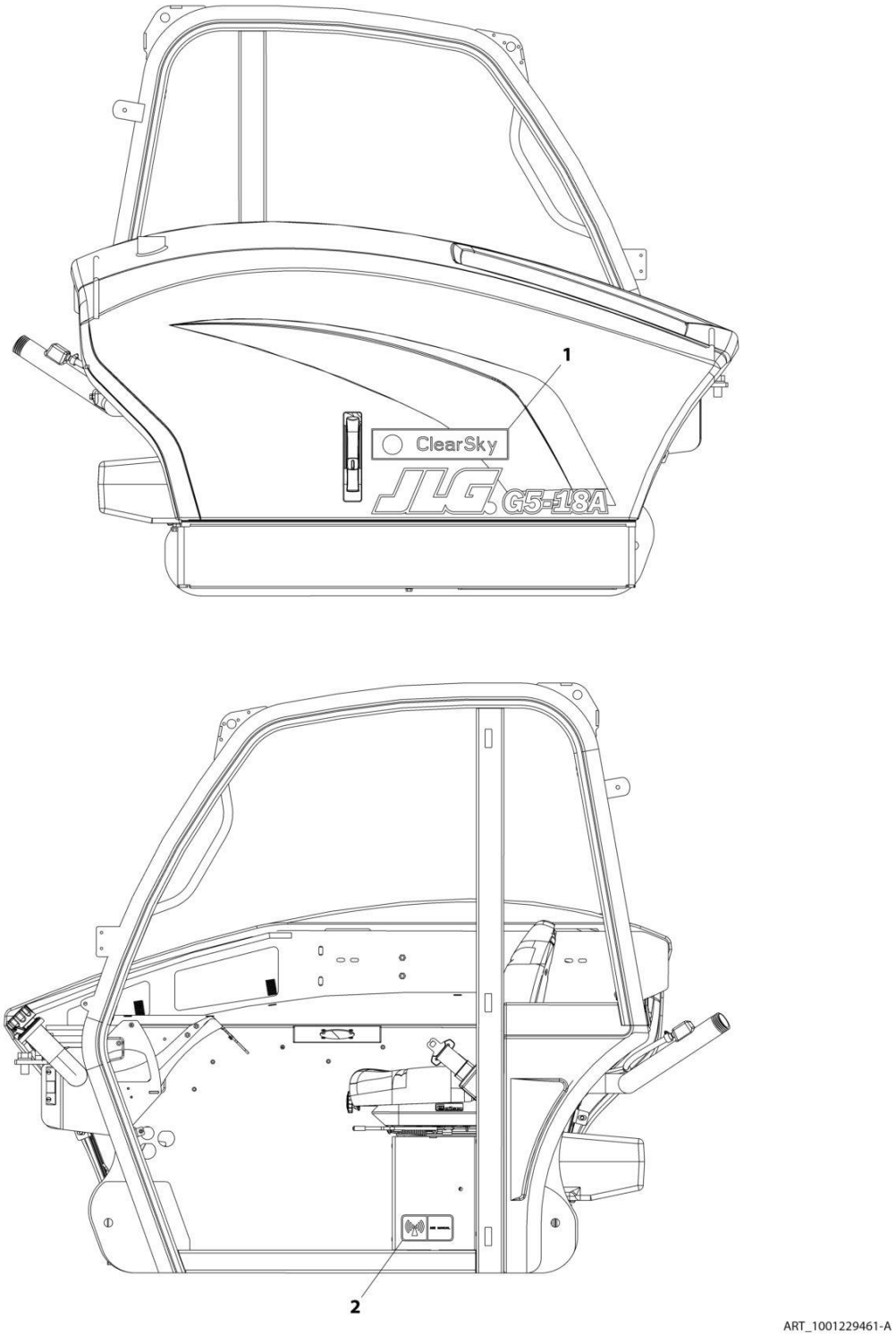


FIGURE 11-17. CLEARSKY DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229461	Ref	Clearsky Decal Installation	B
1	1001294815	1	Decal, Clearsky	
2	1001120989	1	Decal, Radio Frequency	

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

SECTION 12 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 12-1. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
	1001264879	1	Coil (Valve Block Assembly)	
	70002386	1	Coil (Pilot Select Valve)	
	70020764	1	Coil (Divertor Valve)	
	70027557	1	Coil (Fan Motor)	
	70028241	1	Coil (Fan Motor, Reversing)	
	7024872	1	Coil (Park Brake Release)	
	70026582	1	Coil (Steering Select)	
	1001258560	1	Controller, Accelerator	
	1001189734	1	Controller, Brake	
	1001080256	1	Controller, Boom Joystick	
	3990013	2	Diode (Cab Harness)	
	1001225432	12	Filter, Fuel Element (LS Engines)	
	1001141459	12	Filter, Element (Hydraulic)	
	1001141591	12	Element, Lubricity Doser	
	1001142259	12	Filter, Air	
	1001225430	12	Filter, Fuel Primary (ULS Engine)	
	70029451	12	Filter, Fuel Secondary (ULS Engine)	
	1001185024	12	Filter, Breather (Hydraulic Tank)	
	7016331	12	Filter, Oil (Engine)	
	8229242	2	Fuse, 5A (Frame Harness)	
	8229261	2	Fuse, 5A (Posi Air Shutoff Harness & SC Frame)	
	80983191	2	Fuse, 10A (Frame Harness)	
	8229234	2	Fuse, 10A (Posi Air Shutoff Harness & SC Frame)	
	8229244	2	Fuse, 15A (Frame Harness)	
	8229235	2	Fuse, 20A (Posi Air Shutoff Harness & SC Frame)	
	8342813	1	Key, Door (Door Assembly Installation)	
	70020621	1	Key, Ignition (JLG Common Installation)	
	2940074	1	Latch (Fork Mounted Platform)	
	1001226796	1	Module - 3G (ClearSky)	
	1001262322	1	Module - 4G (ClearSky)	
	1001226328	1	Module, 3W TCU (ClearSky)	
	1001203181	1	Control Accessory (ASOV)	
	1001196254	1	Module, Control (Main Electrical) **(Prior to SN 0160118026)**	
	1001293201	1	Module, Control (Main Electrical) **(SN 0160118026 to Present)**	
	1001226247	1	Module, LSI (Frame Options Harness Installation) (CE)	
	3740080	1	Relay (A/C Condenser Installation, Frame Harness, Posi Air Shutoff & SC Frame)	
	1001095704	1	Relay, 35A (Frame Harness)	
	1001141066	1	Relay, Power Module Green (Main Electrical Installation)	
	1001127589	1	Relay, Power Module Red (Main Electrical Installation)	
	1001080424	1	Relay, Power Module Yellow (Main Electrical Installation)	
	77383377	1	Relay, Starter (Main Electrical Installation)	
	1001138827	1	Sensor, Coolant Level (Radiator)	
	1001197965	1	Switch, Fuel Level Sensor	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001132795	1	Sensor, Pressure (Pilot Select Valve (CE)	
	1001121021	1	Sensor, Proximity (Boom)	
	1001160730	1	Sensor, Rear Axle LSI (Boom Sensor Installation)	
	1001247421	1	Sensor, Reverse Object (Reverse Sensing System Installation)	
	1001128478	1	Sensor, Temperature (Radiator)	
	1001104654	1	Switch, Auxiliary Decomp	
	1001080365	1	Switch, Beacon Light (Worklights)	
	1001204362	1	Switch, Blower (Heater & AC)	
	1001080366	1	Switch, Boom Work Light	
	4360658	1	Switch, Brake Light (Roadlights)	
	1001192142	1	Switch, Disconnect (Battery Disconnect)	
	1001080380	1	Switch, FNR Shifter (Cab Common Installation)	
	1001080368	1	Switch, Front Wiper (Enclosed Cab)	
	1001080367	1	Switch, Front Windshield Washer (Enclosed Cab)	
	1001080364	1	Switch, Front/Rear Auxiliary Hydraulic (Rear Hydraulic Outlet Installation)	
	1001080369	1	Switch, Front Work Light (Worklights)	
	1001080370	1	Switch, Hazard Light (Roadlights)	
	1001080371	1	Switch, Horn (Cab Common Installation)	
	1001080379	1	Switch, Ignition (JLG Common Installation)	
	1001080978	1	Switch, Lift/Loader Joystick Pattern (Right Side Console)	
	1001080373	1	Switch, LMI (Overhead Console Installation-LSI)	
	1001080374	1	Switch, Park Brake (NA Common Installation)	
	1001080375	1	Switch, Quick Coupler (Hydraulic Quick Switch Installation)	
	1001080377	1	Switch, Rear/Roof Wiper (Enclosed Cab)	
	1001080376	1	Switch, Rear Work Light (Worklights)	
	1001145204	1	Switch, Reverse Fan (Reversing Fan)	
	1001204363	1	Switch, Rocker (Heater only)	
	1001204385	1	Switch, Rocker (Heater & AC)	
	1001080378	1	Switch, Steer Select (Right Side Console)	
	1001215941	1	Switch, Toggle (ASOV)	
	1001080381	1	Switch, Turn Signal-Headlight (Roadlights)	

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 13 - SPECIAL OPTIONS/ACCESSORIES/KITS

FIGURE 13-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	See Note	Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	SPECIAL OPTIONS/ACCESSORIES/KITS	
	1001270669	Ref	Alternator Charging Harness Kit	
	1001099810	Ref	Back Up Alarm	
	1001112683	Ref	Battery Cover Kit	
	1001112684	Ref	Battery Cover Kit	
	1001112685	Ref	Battery Cover Kit	
	1001112687	Ref	Battery Cover Kit	
	1001136150	Ref	Battery Disconnect Kit	
	1001119788	Ref	Boom Wear Pad Kit	
	1001081287	Ref	Cab Guard Kit, Front	
	1001081286	Ref	Cab Guard Kit, Top	
	1001258137	Ref	Cab Guard Kit - Top & Front	
	1001113294	Ref	Cab Mounting Kit	
	1001245709	Ref	Camera (Back up) Add-on Kit (Dealer Installed)	
	1001268341	Ref	Camera (Rear View) Add-on Kit(Dealer Installed)	
	1001243576	Ref	ClearSky Telematics Access Control Kit	
	1001243184	Ref	ClearSky Telematics Kit - Access Control (CE)	
	1001243183	Ref	ClearSky Telematics Kit - Access Control (North America)	
	1001276923	Ref	ClearSky Telematics Add-on Kit (Contact JLG for Approved Countries)	
	1001133543	Ref	Decals Kit (ANSI)	
	1001161229	Ref	Filter Kit, 500 Hour, LS and ULS Engines only	
	1001161228	Ref	Filter Kit, 500 Hour, ULS Engine only	
	1001110116	Ref	Filter Kit, 500 Hour	
	1001161230	Ref	Filter Kit, 1000 Hour	
	1001110120	Ref	Filter Kit, 1000 Hour	
	1001222921	Ref	Fuel Pump Terminal Kit - Deutz	
	1001186492	Ref	Hydraulic Breather Kit	
	1001144509	Ref	Mirror Arm Kit	
	1001202500	Ref	Open to Enclosed Cab W/Heat	
	1001202501	Ref	Open to Enclosed Cab W/Heat and AC	
	1001290617	1	Closed Cab Work Lights	
	1001290618	1	Open Cab Work Lights	
	1001101039	Ref	Quick Disconnect Kit (Flat Faced)	
	1001101040	Ref	Quick Disconnect Kit (AG Style)	
	1001212156	Ref	Rear Mirror Mount Kit	
	1001253828	Ref	Reverse Sensing System	
	1001130717	Ref	Service Kits	Z
	1001265371	Ref	Telematics Harness Kit	
	1001262959	Ref	Voltage Regulator Re-Locate Kit	
	1001239672	Ref	Worklights Kit (Enclosed Cab)	
	1001239673	Ref	Worklights Kit (Open Cab)	
	1001265373	Ref	Telematics Harness	
	1001292141	1	INSTALL,W/O CLEARSKY	

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