SKYTRAK®

Illustrated Parts Manual

Model 6042

PVC 2111

P/N 31211740

November 1, 2023 - Rev C

JLG®

An Oshkosh Corporation Company

EFFECTIVITY PAGE

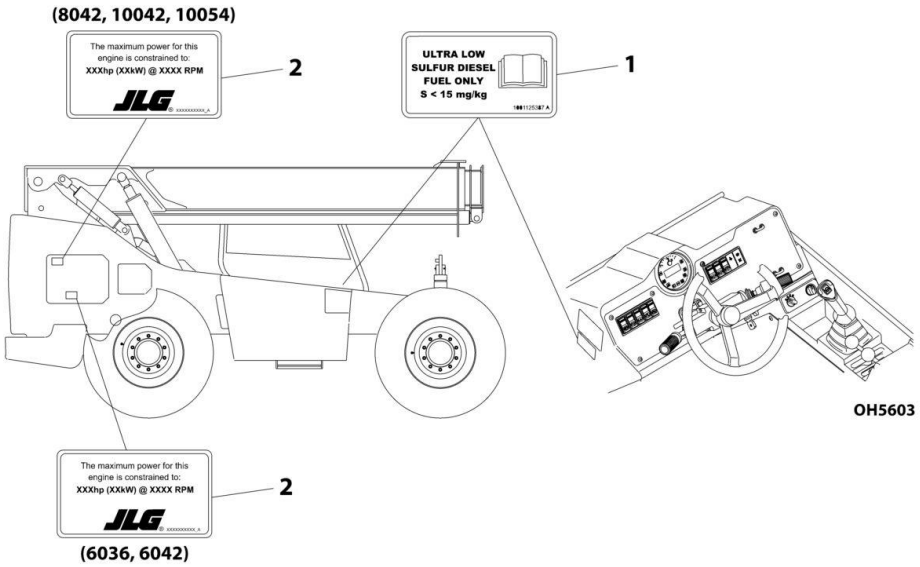
November 1, 2021 - A - Original Issue of Manual (Edited to B/M 1001169969 Revision AW)
March 31, 2022 - B - Revised Manual (Edited to B/M 1001169969 Revision AW)
November 1, 2023 - C - Revised Manual (Edited to B/M 1001169969 Revision AW)

Machine Configuration

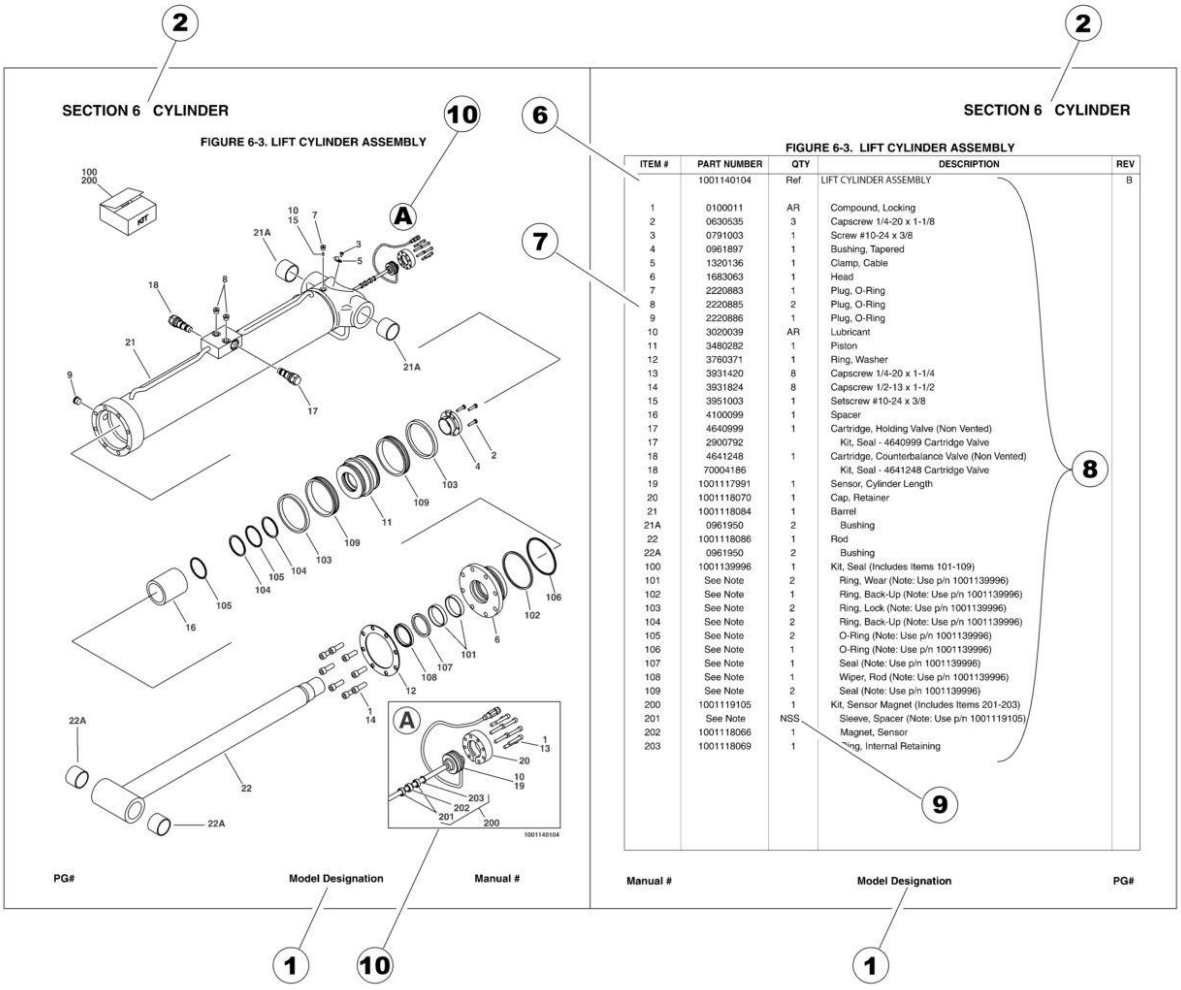
Two configurations of each machine are included in this manual. Determine if machine is equipped with Ultra Sulfer Fuel Decal (1) as indicated below.

- **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.**

Engine horsepower can be found on the decals (2) located inside the engine compartment doors.



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. FRAME COMPONENTS INSTALLATION, 74HP (ULS)

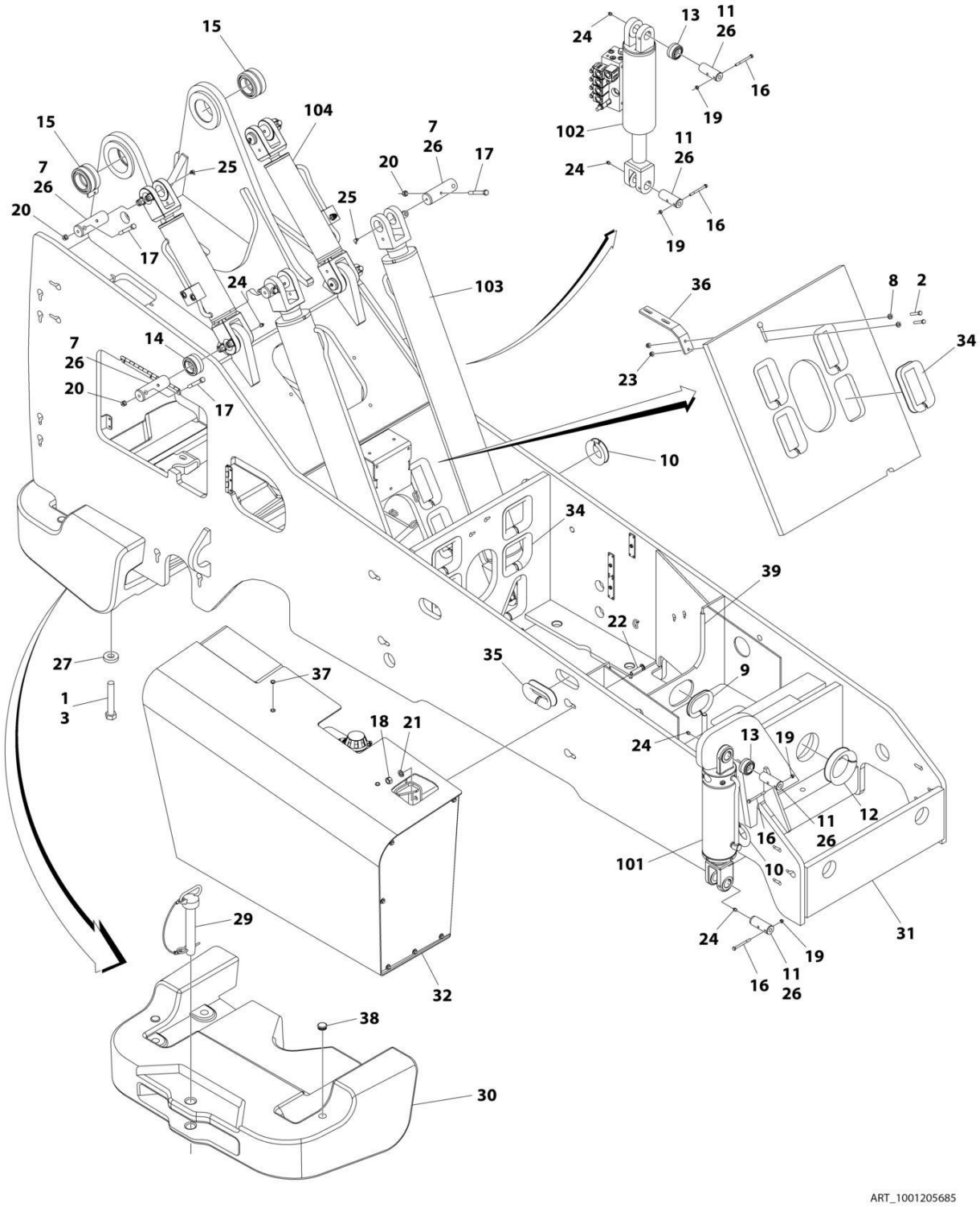


FIGURE 1-1. FRAME COMPONENTS INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205685	Ref	FRAME COMPONENTS INSTALLATION, 74HP (IF EQUIPPED FOR ULS) (6042)	I
1	0100019	AR	Compound, Locking	
2	0641618	2	Bolt 3/8 x 2-1/4	
3	0682648	4	Bolt 1 x 6	
7	3423227	8	Pin, Cylinder	
8	4891600	2	Washer 3/8	
9	7124301	1	Conduit 1/2 x 15-1/2	
10	7124471	4	Conduit 1 x 12-1/2	
11	7137142	4	Pin, Cylinder	
12	7139613	1	Conduit 1 x 18	
13	8050001	2	Bearing, Self-Align	
14	8065640	4	Bearing, Self-Align	
15	8065641	2	Bearing, Self-Align	
16	8303752	4	Bolt 5/16 x 3-1/2	
17	8303782	8	Bolt 1/2 x 4	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	88411148	4	Bolt 5/8 x 2-1/2	
23	8310522	2	Nut 3/8	
24	8520001	8	Fitting, Straight Lube 1/8	
25	8520003	4	Fitting, 90 Lube 1/8	
26	8522012	AR	Lube, Anti-Seize	
27	80241137	4	Washer, Special	
29	1001160250	1	Pin, Hitch	
30	1001208663	1	Counterweight, Rear	
31	1001201568	1	Weldment, Frame	
32	1001227211	1	Fuel/Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
34	1001174227	10	Conduit 1 x 21-1/2	
35	1001174229	1	Conduit 1 x 13-1/2	
36	1001166237	1	Bracket, Air Filter	
37	1001195826	2	Plug, 1/2 Push In	
38	1001195952	2	Plug, Tube	
39	1001201923	2	Conduit 1 x 10-1/2	
101	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
102	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
103	1001180760	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
104	1001196110	2	Cylinder, Compensation (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

SECTION 1 - FRAME AND ATTACHING PARTS

FIGURE 1-2. FRAME COMPONENTS INSTALLATION, 85HP (LS)

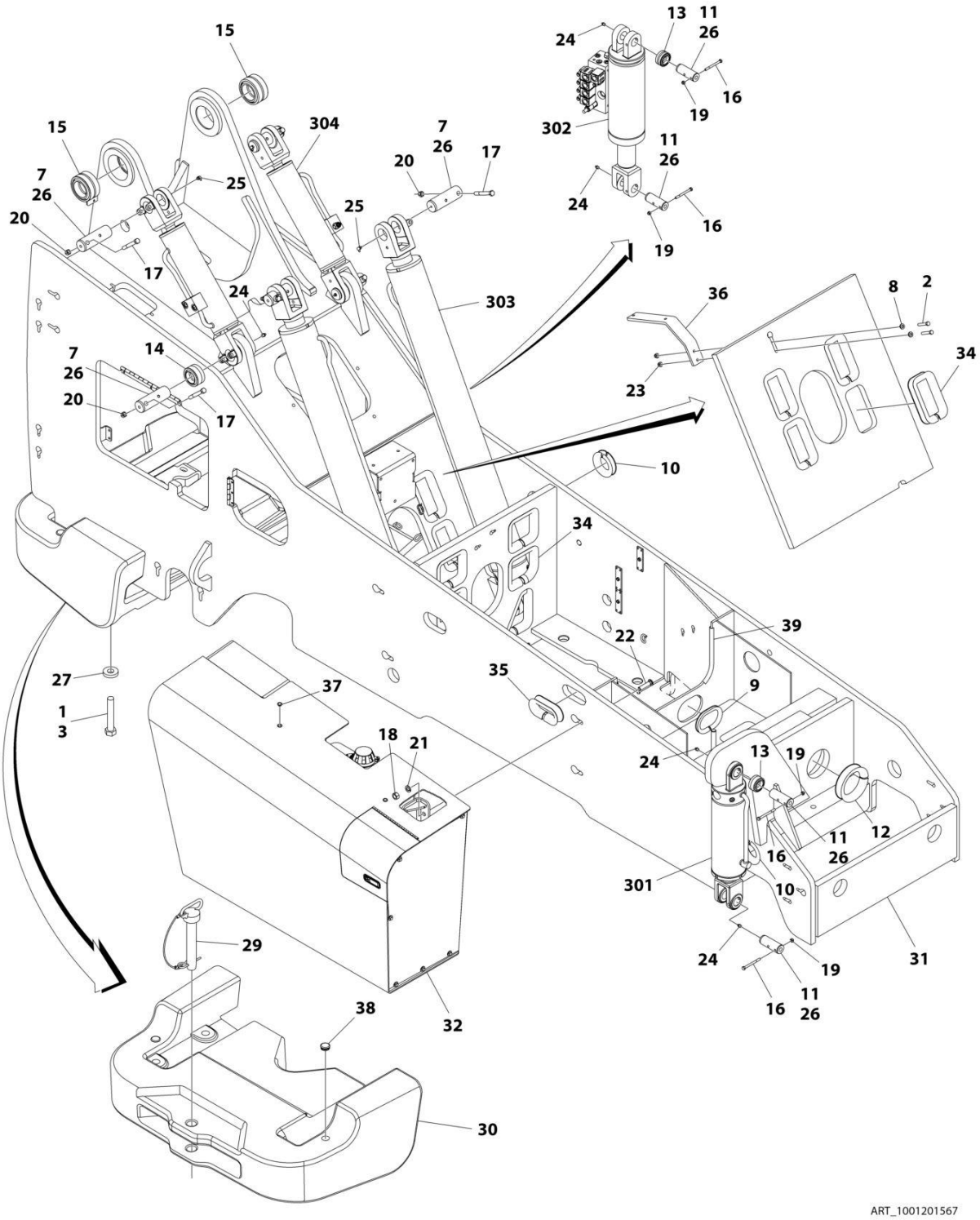


FIGURE 1-2. FRAME COMPONENTS INSTALLATION, 85HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201567	Ref	FRAME COMPONENTS INSTALLATION, 85HP (IF EQUIPPED FOR LS) (6042)	H
1	0100019	AR	Compound, Locking	
2	0641618	2	Bolt 3/8 x 2-1/4	
3	0682648	4	Bolt 1 x 6	
7	3423227	8	Pin, Cylinder	
8	4891600	2	Washer 3/8	
9	7124301	1	Conduit 1/2 x 15-1/2	
10	7124471	3	Conduit 1 x 12-1/2	
11	7137142	4	Pin, Cylinder	
12	7139613	1	Conduit 1 x 18	
13	8050001	2	Bearing, Self-Align	
14	8065640	4	Bearing, Self-Align	
15	8065641	2	Bearing, Self-Align	
16	8303752	4	Bolt 5/16 x 3-1/2	
17	8303782	8	Bolt 1/2 x 4	
18	8305014	4	Nut 5/8	
19	8305626	4	Nut 5/16	
20	8305644	8	Nut 1/2	
21	8307009	4	Washer 5/8	
22	88411148	4	Bolt 5/8 x 2.75	
23	8310522	2	Nut 3/8	
24	8520001	8	Fitting, Straight Lube 1/8	
25	8520003	4	Fitting, 90 Lube 1/8	
26	8522012	AR	Lube, Anti-Seize	
27	80241137	4	Washer, Special	
29	1001160250	1	Pin, Hitch	
30	1001208663	1	Counterweight, Rear	
31	1001201568	1	Weldment, Frame	
32	1001169466	1	Installation, Hydraulic/Fuel/DEF Tank (See Separate Breakdown in this Section)	
34	1001174227	10	Conduit 1 x 21-1/2	
35	1001174229	1	Conduit 1 x 13-1/2	
36	1001190306	1	Bracket, Air Filter	
37	1001195826	2	Plug, 1/2 Push In	
38	1001195952	2	Plug, Tube	
39	1001201923	2	Conduit 1 x 10-1/2	
301	1001180762	1	Cylinder, Frame Level (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
302	2717198	1	Cylinder, Stabil-Trak (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
303	1001180760	2	Cylinder, Lift (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
304	1001196110	2	Compensating Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 1-3. HYDRAULIC/FUEL TANK ASSEMBLY (ULS)

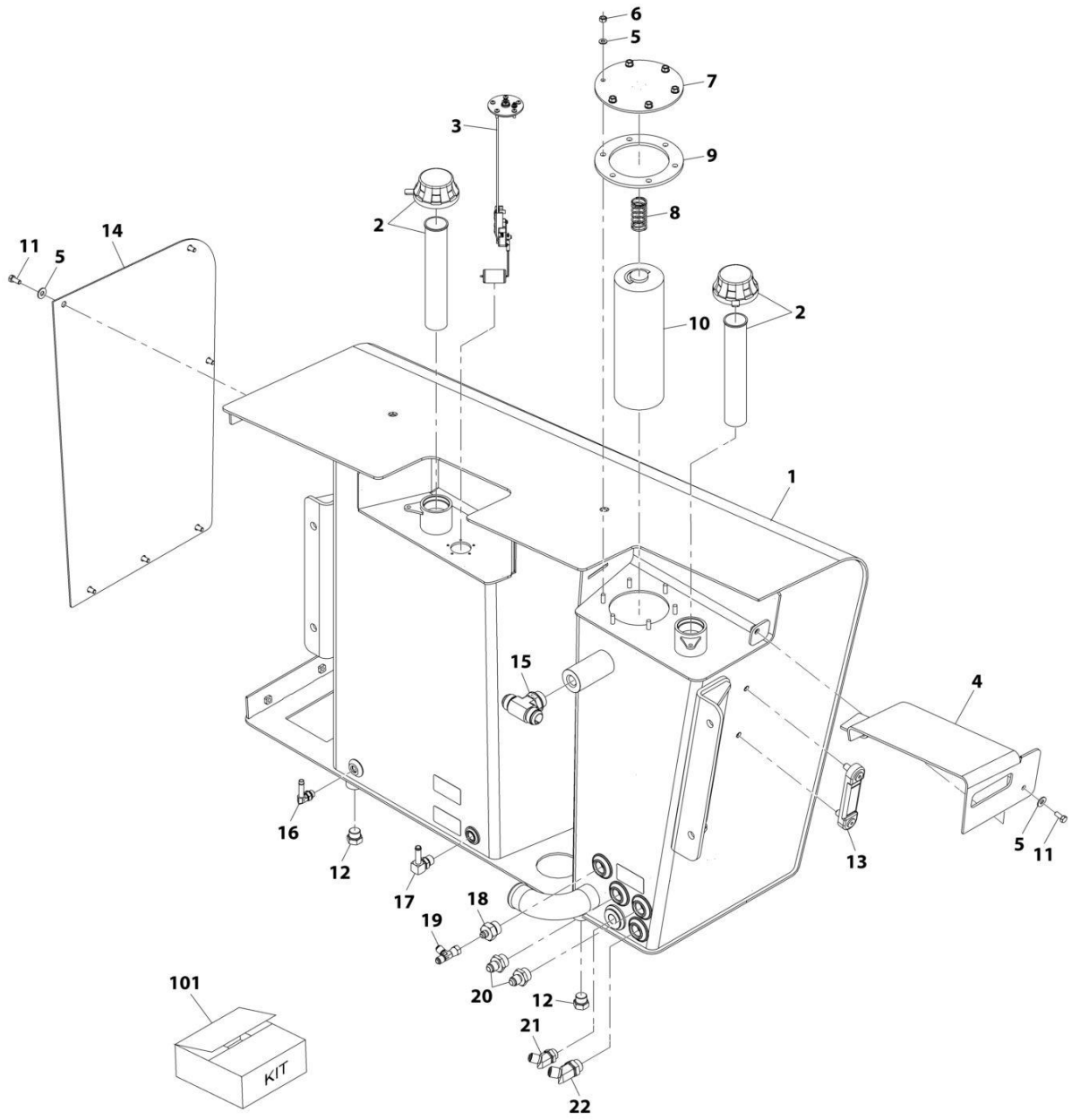


FIGURE 1-3. HYDRAULIC/FUEL TANK ASSEMBLY (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227211	Ref	Hydraulic/Fuel Tank Assembly (ULS)	B
1	N.S.S.	1	Tank, Hydraulic/Fuel	
2	7139077	2	Filler/Breather	
3	1001145026	1	Sensor, Fuel	
4	1001199116	1	Panel, Hydraulic Fill Cover	
5	1001170329	13	Washer, Flat M8	
6	3300429	6	Nut 5/16	
7	1001199135	1	Assembly, Cover	
8	1001199136	1	Spring	
9	1001199177	1	Seal	
10	1001199205	1	Element, Filter	
11	8303697	7	Bolt 5/16 X 3/4	
12	2220239	2	Plug	
13	7024441	1	Gauge, Sight	
14	1001199181	1	Cover, DEF Tank	
15	8760552	1	Tee, Branch	
16	1001178776	1	Elbow, 90	
17	1001199210	1	Elbow, 90	
18	2220577	1	Adapter	
19	2220635	1	Tee, Run	
20	2220375	2	Adapter	
21	2220499	1	Elbow, 45	
22	8770048	1	Elbow, 45	
101	70024152	1	Kit, Filter (Includes Items 9 & 10)	

FIGURE 1-4. HYDRAULIC/FUEL/DEF TANK ASSEMBLY (LS)

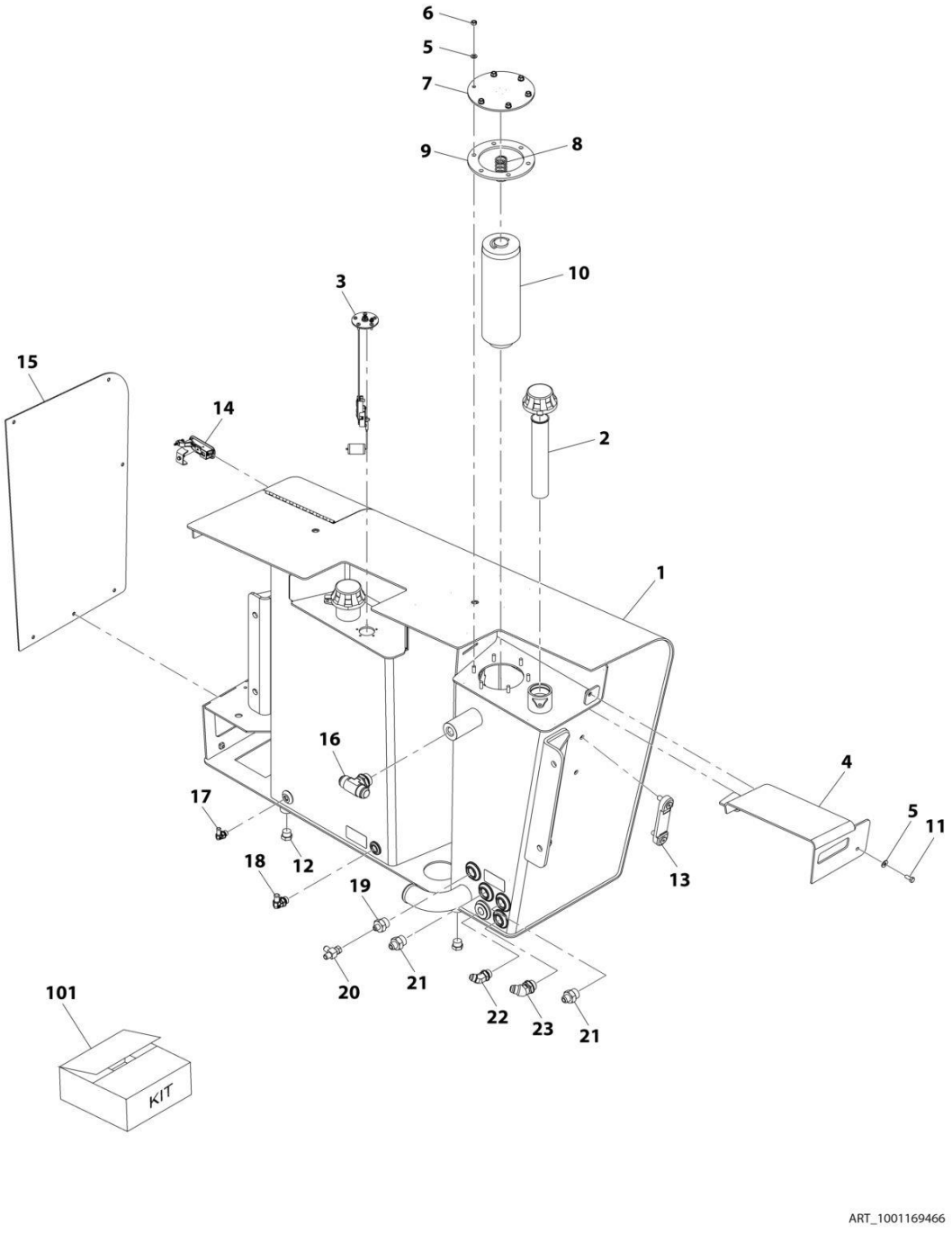


FIGURE 1-4. HYDRAULIC/FUEL/DEF TANK ASSEMBLY (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169466	Ref	Hydraulic/Fuel/DEF Tank Assembly (LS)	M
1	N.S.S.	1	Weldment, Hydraulic/Fuel Tank	
2	7139077	2	Filler/Breather	
3	1001145026	1	Sensor, Fuel	
4	1001199116	1	Panel, Hydraulic Fill Cover	
5	1001170329	7	Washer, Flat M8	
6	3300429	6	Nut, Hex 31-18	
7	1001199135	1	Assembly, Cover	
8	1001199136	1	Spring	
9	1001199177	1	Seal	
10	1001199205	1	Element, Filter	
11	8303697	1	Bolt, Hex Hd 5/16-18X3/4	
12	2220239	2	Plug	
13	7024441	1	Gauge, Sight	
14	1001199199	1	Latch	
15	1001199181	1	Cover, DEF Tank	
16	8760552	1	Tee, Branch	
17	1001178776	1	Elbow, 90	
18	1001199210	1	Elbow, 90	
19	2220577	1	Adapter	
20	2220635	1	Tee, Run	
21	2220375	2	Adapter	
22	2220499	1	Elbow, 45	
23	8770048	1	Elbow, 45	
101	70024152	1	Kit, Filter (Includes Items 9 & 10)	

FIGURE 1-5. FRAME COVERS INSTALLATION, 74HP (ULS)

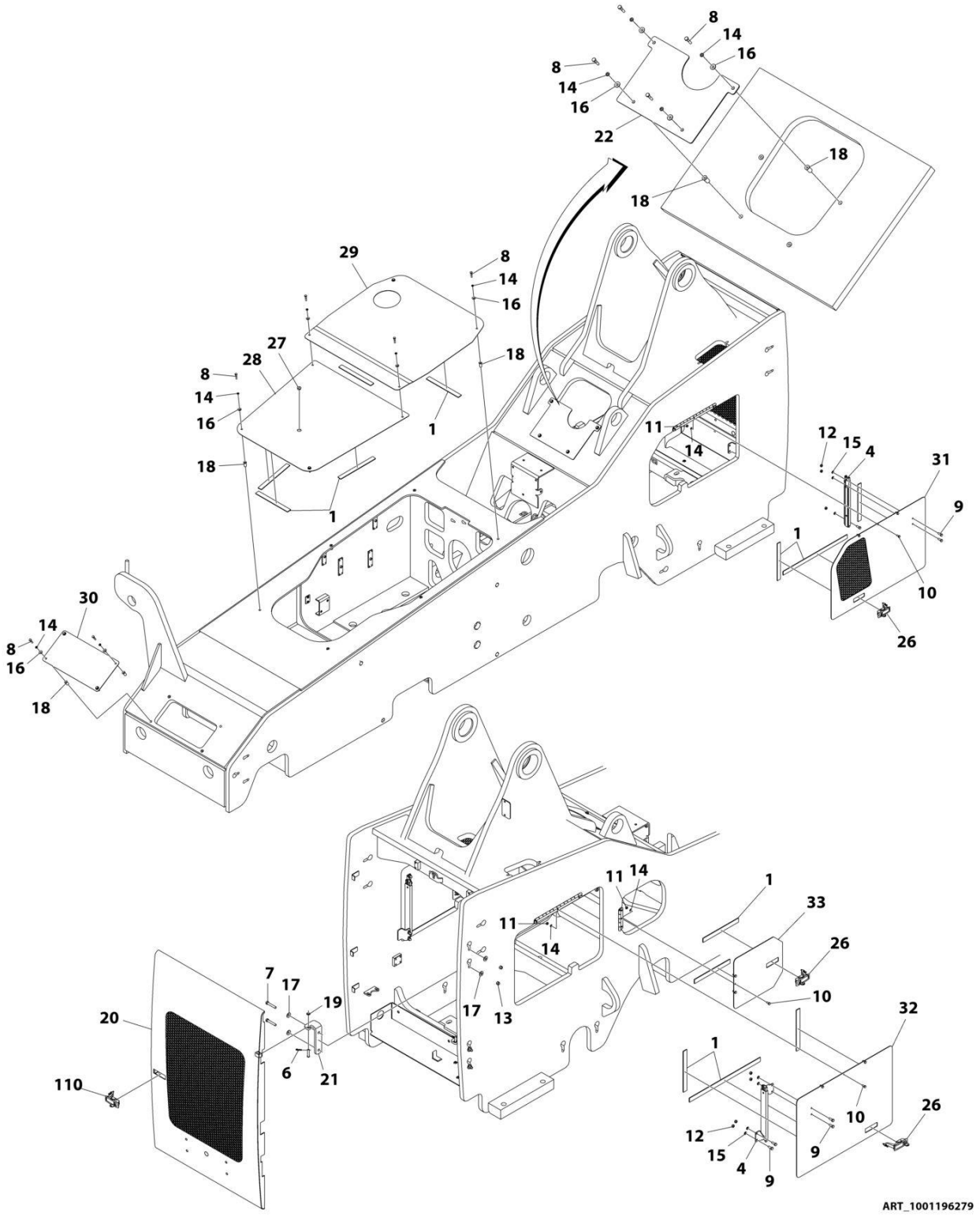


FIGURE 1-5. FRAME COVERS INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196279	Ref	FRAME COVERS INSTALLATION	F
1	4420037	150 in	Tape, Insulation	
4	7139714	2	Side Door	
6	8302470	2	Pin, Cotter	
7	0641618	4	Bolt 3/8 x 2-1/4	
8	8303615	14	Bolt 1/4 x 1-1/4	
9	8303656	8	Bolt 5/16 x 7/8	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305006	8	Nut 5/16	
13	8305645	4	Nut 3/8	
14	8307002	23	Washer 1/4	
15	8307004	8	Washer 5/16	
16	8307202	14	Washer 1/4	
17	8307204	8	Washer 3/8	
18	8580420	14	Nut, Well	
19	10732150	2	Washer M10	
20	1001156283	1	Door, Rear (Includes item 110)	O
21	1001159319	2	Mount, Rear Door	
22	1001167793	1	Plate, Air Intake Baffle	
26	1001190341	3	Latch, Adjustable Trigger	
27	3520030	1	Plug	
28	7139406	1	Lower Cover, Transmission	
29	7139455	1	Upper Cover, Transmission	
30	7150608	1	Cover, Front	
31	1001168930	1	Panel, Left Side Access	
32	1001171383	1	Panel, Engine Access Right Side	
33	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-6. FRAME COVERS INSTALLATION, 85HP (LS)

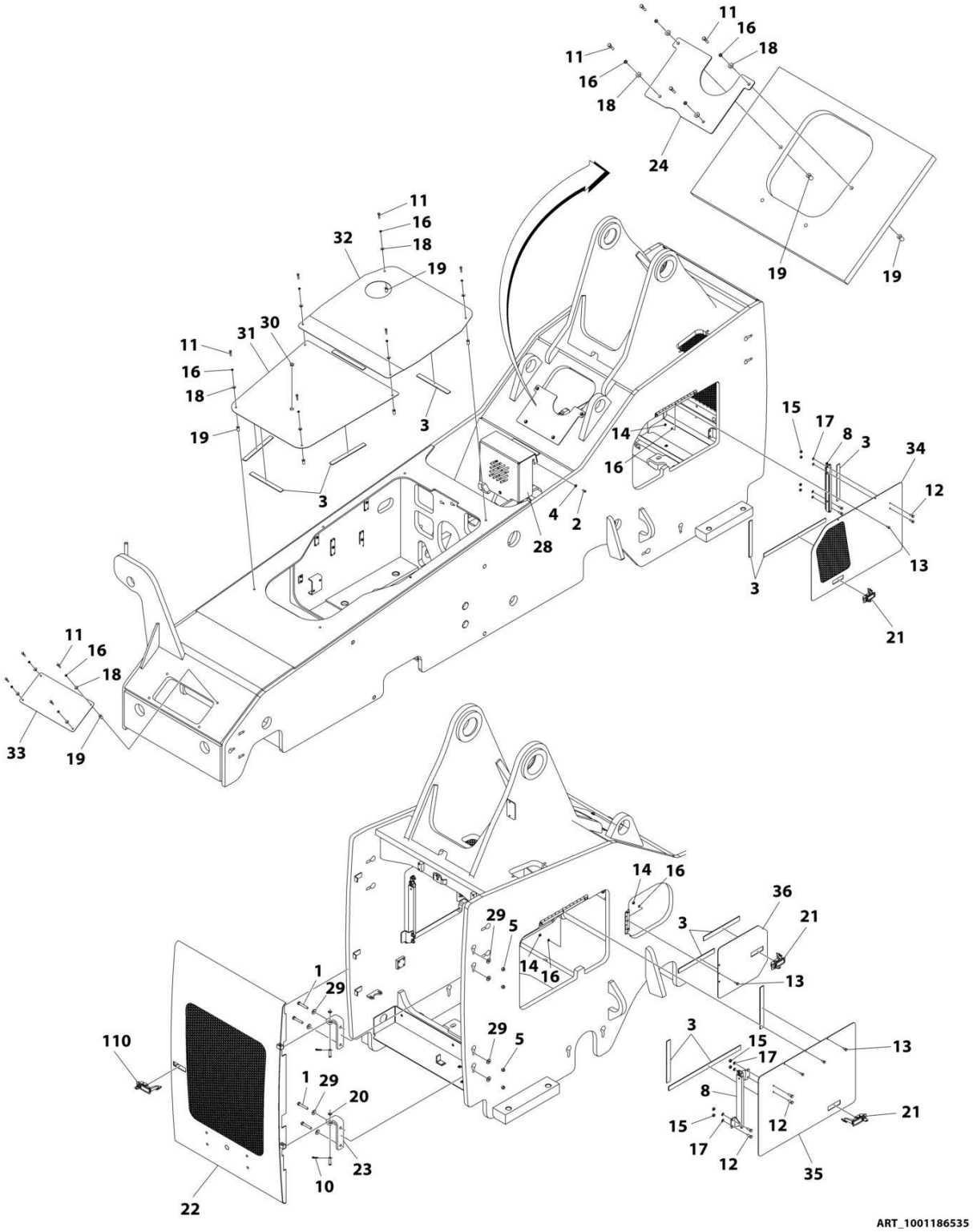


FIGURE 1-6. FRAME COVERS INSTALLATION, 85HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186535	Ref	FRAME COVERS INSTALLATION, 85HP	I
1	0641618	4	Bolt 3/8 x 2-1/4	
2	0760610	3	Bolt M6 x 20	
3	4420037	150 in	Tape, Insulation	
4	4811702	3	Washer M6	
5	8305645	4	Nut 3/8	
8	7139714	2	Prop, Side Door	
10	8302470	2	Pin, Hair	
11	8303615	14	Bolt 1/4 x 1-1/4	
12	8303656	8	Bolt 5/16 x 7/8	
13	8303729	9	Bolt 1/4 x 5/8	
14	8305004	9	Nut 1/4	
15	8305006	8	Nut 5/16	
16	8307002	23	Washer 1/4	
17	8307004	8	Washer 5/16	
18	8307202	14	Washer 1/4	
19	8580420	14	Nut, Well	
20	10732150	2	Washer M10	
21	1001190341	3	Latch, Adjustable Trigger	
22	1001156283	1	Door, Rear (Includes item 110)	O
23	1001159319	2	Mount, Rear Door	
24	1001208280	1	Plate, Air Intake Baffle	
28	1001211690	1	Bracket, ECM Cover	
29	8307204	8	Washer	
30	3520030	1	Plug	
31	7139406	1	Cover, Lower Transmission	
32	7139455	1	Cover, Upper Transmission	
33	7150608	1	Cover, Front	
34	1001168930	1	Panel, Left Side Access	
35	1001171383	1	Panel, Engine Access Right Side	
36	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

FIGURE 1-7. FRAME COVERS INSTALLATION, 74HP (AIR SHUT OFF VALVE)

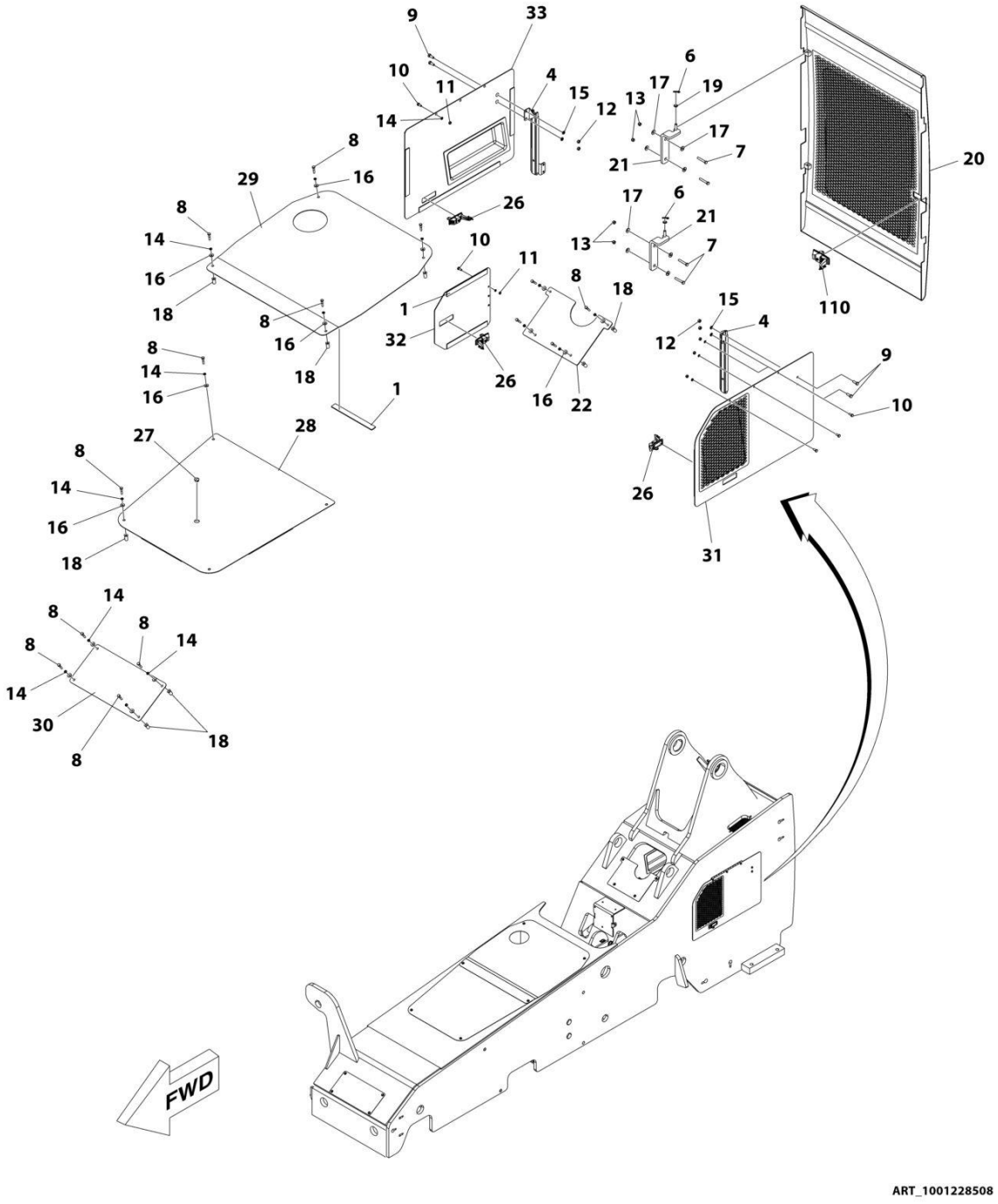


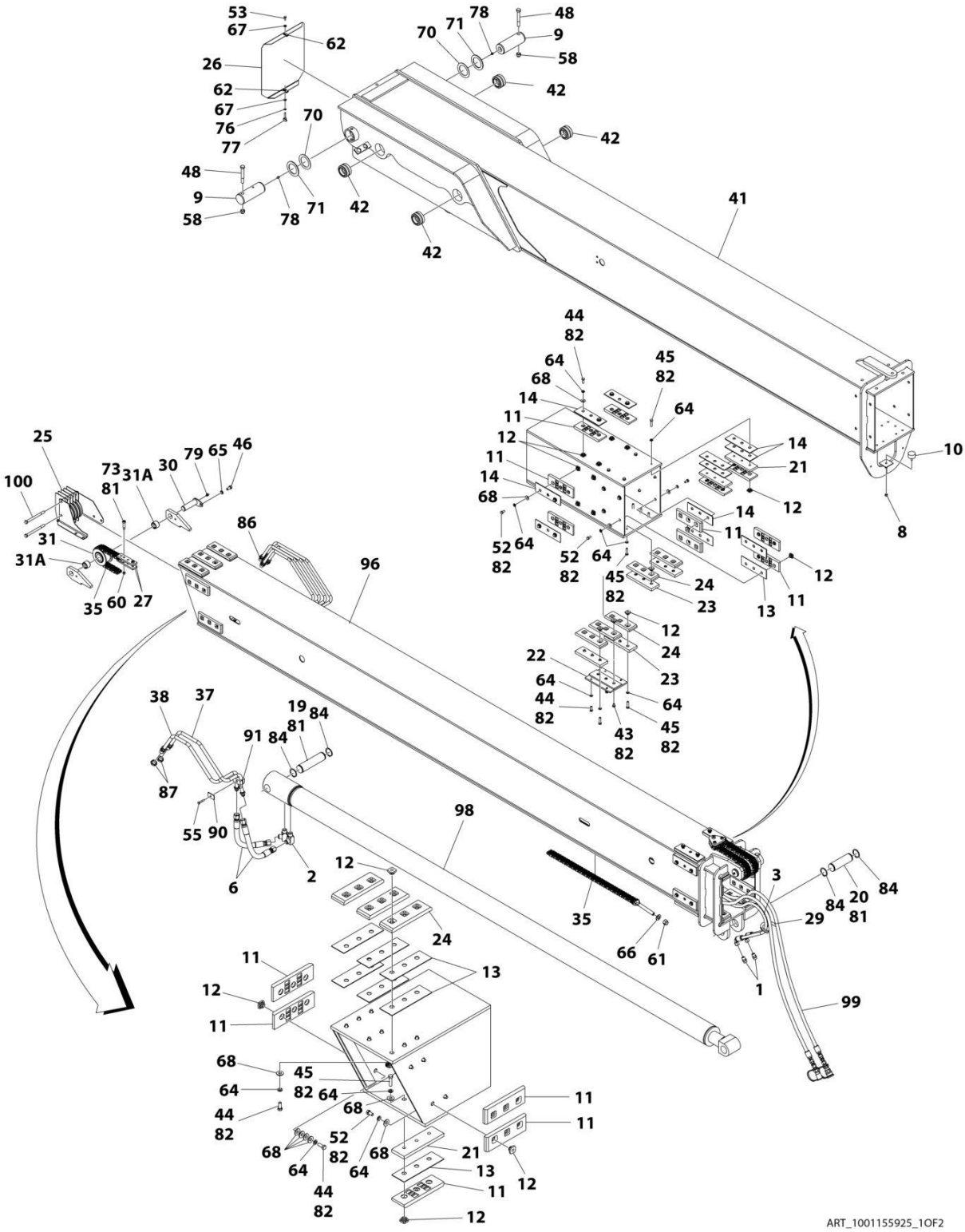
FIGURE 1-7. FRAME COVERS INSTALLATION, 74HP (AIR SHUT OFF VALVE)

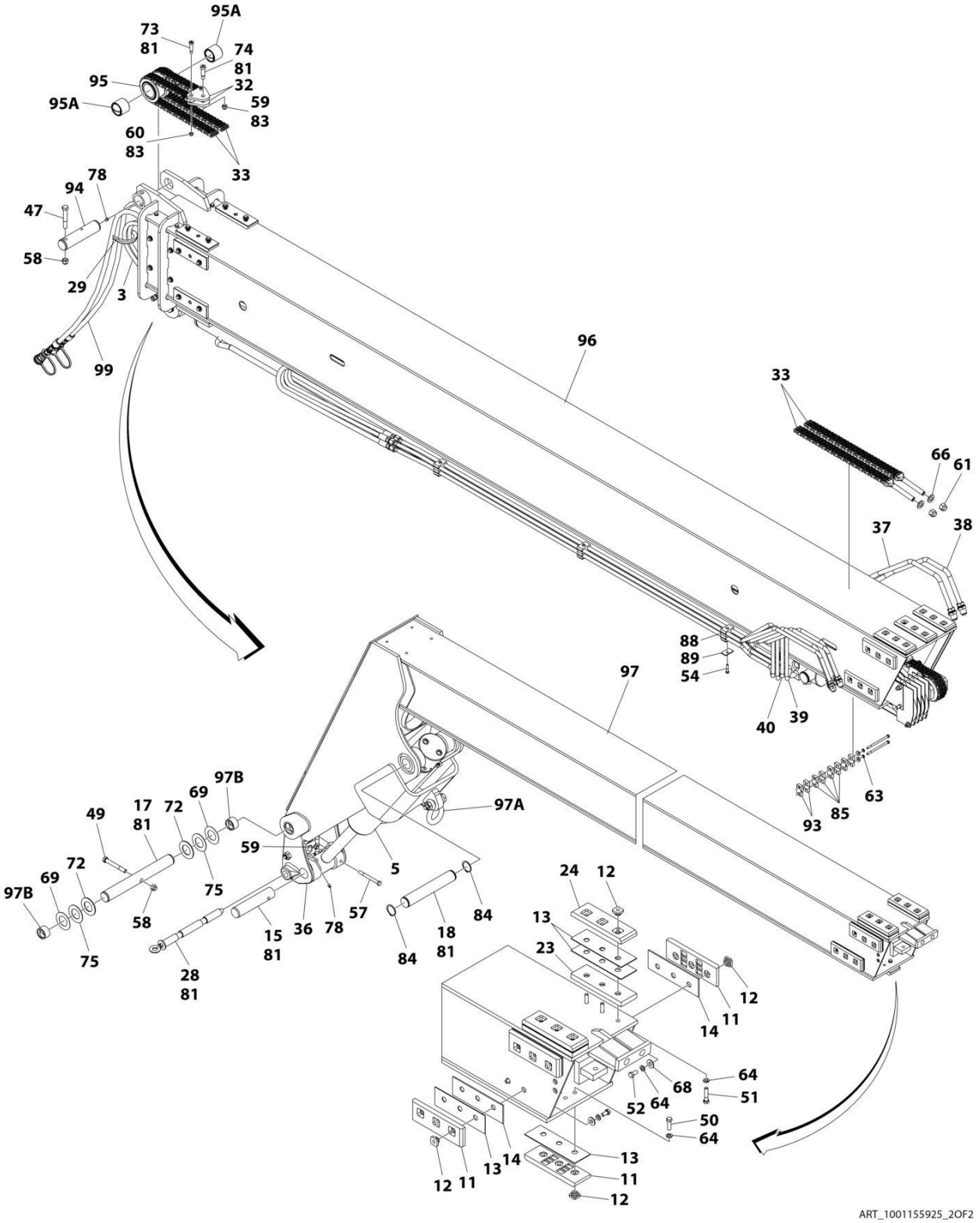
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228508	Ref	FRAME COVERS INSTALLATION, 74HP (AIR SHUT OFF VALVE)	E
1	4420037	150 in	Tape, Insulation	
4	7139714	2	Prop, Side Door	
6	8302470	2	Pin, Cotter	
7	0641618	4	Bolt 3/8 x 2-1/4	
8	8303615	14	Bolt 1/4 x 1-1/4	
9	8303656	8	Bolt 5/16 x 7/8	
10	8303729	9	Bolt 1/4 x 5/8	
11	8305004	9	Nut 1/4	
12	8305006	8	Nut 5/16	
13	8305645	4	Nut 3/8	
14	8307002	23	Washer 1/4	
15	8307004	8	Washer 5/16	
16	8307202	14	Washer 1/4	
17	8307204	8	Washer 3/8	
18	8580420	14	Nut, Well	
19	10732150	2	Washer M10	
20	1001156283	1	Door, Rear (Includes item 110)	O
21	1001159319	2	Mount, Rear Door	
22	1001167793	1	Plate, Air Intake Baffle	
26	1001190341	3	Latch, Adjustable Trigger	
27	3520030	1	Plug	
28	7139406	1	Lower Cover, Transmission	
29	7139455	1	Upper Cover, Transmission	
30	7150608	1	Cover, Front	
31	1001168930	1	Panel, Left Side Access	
32	1001216589	1	Panel, Engine Access Right Side	
33	1001171385	1	Panel, Air Cleaner Access	
110	1001190341	1	Latch, Adjustable Trigger	

SECTION 2 - BOOM

SECTION 2 - BOOM

FIGURE 2-1. BOOM INSTALLATION





ART_1001155925_2OF2

FIGURE 2-1. BOOM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001155925	Ref	BOOM INSTALLATION (6042)	J
1	2220373	2	Adapter, Straight	
2	2220578	2	Adapter, 90	
3	2713452	2	Hose	
5	2716614	1	Cylinder, Fork Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	2717018	2	Hose	
8	3311601	1	Nut 3/8	
9	3423226	2	Pin, Boom Pivot	
10	5724622	1	Bumper, Rubber	
11	7079572	22	Pad, Wear	
12	7082311	73	Insert, Wear Pad	
13	7082342	AR	Shim, Wear Pad	
14	7082362	AR	Shim, Wear Pad	
15	7083992	1	Pin, Rod End	
17	7095352	1	Pin, Carriage Pivot	
18	7095522	1	Pin	
19	7096552	1	Pin, Base End	
20	7096562	1	Pin, Rod End	
21	7096702	4	Spacer, Wear Pad	
22	7096772	1	Spacer, Wear Pad	
23	7096882	6	Spacer, Wear Pad	
24	7111572	10	Pad, Wear	
25	7116733	1	Assembly, Hose Pulley (See Separate Breakdown in this Section) (6042)	
26	7116792	1	Cover	
27	7117031	2	Link	
28	7118892	1	Assembly, Lock Pin (See Separate Breakdown in this Section)	
29	7125811	1	Conduit 3/4 x 8	
30	7138977	1	Pin, Retract Chain Sheave	
31	7138986	1	Sheave Assembly - Retract Chain	
31A	7138979	2	Bushing	
32	7139180	2	Yoke, Extend Chain	
33	7139690	2	Assembly, Extend Chain (See Separate Breakdown in this Section) (6042)	
35	7139692	1	Assembly, Retract Chain (See Separate Breakdown in this Section) (6042)	
36	7139864	1	Assembly, Quick Coupler (See Separate Breakdown in this Section) **(Prior to SN 0160101449)**	
36	1001242996	1	Assembly, Quick Coupler (See Separate Breakdown in this Section) **(SN 0160101449 to Present)**	
37	7300670	1	Tube	
38	7300671	1	Tube	
39	7300672	1	Tube	
40	7300673	1	Tube	
41	7302052	1	Boom, First Section	
42	8065640	4	Bearing, Self-Align	
43	8303041	3	Bolt 3/8 x 1/2	
44	8303620	18	Bolt 3/8 x 1	
45	8303621	18	Bolt 3/8 x 1-1/2	
46	8303624	1	Bolt 1/2 x 1	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	8303634	1	Bolt 5/8 x 4	
48	8303655	2	Bolt 5/8 x 4-1/2	
49	8303666	1	Bolt 5/8 x 5	
50	8303675	2	Bolt 3/8 x 1-1/4	
51	8303679	6	Bolt 3/8 x 1-3/4	
52	8303681	30	Bolt 3/8 x 3/4	
53	8303697	1	Bolt 5/16 x 3/4	
54	8303715	3	Bolt 5/16 x 1-1/2	
55	8303746	1	Bolt 5/16 x 1-3/4	
57	8303772	1	Bolt 1/2 x 5	
58	8305643	4	Nut 5/8	
59	8305644	2	Nut 1/2	
60	8305645	4	Nut 3/8	
61	8305646	3	Nut 3/4	
62	8305906	2	Nut 5/16	
63	8307004	2	Washer 5/16	
64	8307005	74	Washer 3/8	
65	8307007	1	Washer 1/2	
66	8307104	3	Washer 3/4	
67	8307106	2	Washer 5/16	
68	8307204	52	Washer 3/8	
69	8307904	AR	Washer Shim	
70	8307910	AR	Washer Shim	
71	8307911	AR	Washer Shim	
72	8307918	2	Washer Shim	
73	8310019	4	Screw 1/2 x 3/8-16	
74	8310020	1	Screw 5/8 x 1/2-13	
75	8310093	AR	Washer Shim	
76	8310431	1	Washer 5/16	
77	8310497	1	Screw 5/16 x 1-1/2	
78	8520001	5	Fitting, Straight Lube 1/8	
79	8520003	1	Fitting, 90 Lube 1/8	
81	8522012	AR	Lube, Anti-Seize	
82	8526007	AR	Compound, Thread Locking	
83	8526406	AR	Sealant, Varnish	
84	8642224	6	Ring, Retaining	
85	8750003	4	Clamp, Half 5/8	
86	8760465	2	Adapter, Bulkhead Nut	
87	8760468	2	Adapter, Bulkhead Nut	
88	8769122	3	Clamp Set, Twin 5/8	
89	8769123	3	Cover Plate, Twin	
90	8769128	1	Cover Plate, Twin	
91	8769139	1	Clamp Set, Twin 3/4	
93	8769161	2	Clamp, Half 3/4	
94	1001097735	1	Pin, Extend Chain Sheave	
95	1001101845	1	Sheave Assembly - Extend (6042)	
95A	7126662	2	Bushing	
96	1001155921	1	Boom, Second Section	
97	1001210819	1	Boom, Fly (6042)	
97A	1001204045	1	Clevis	
97B	7095312	2	Bushing	

SECTION 2 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
98	1001180764	1	Cylinder, Extend/Retract (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
99	7300678	1	Assembly, Boom Auxiliary Hydraulics (See Separate Breakdown in this Section) (6042)	
100	8310209	2	Bolt 1/2 x 6	

FIGURE 2-2. HOSE PULLEY ASSEMBLY

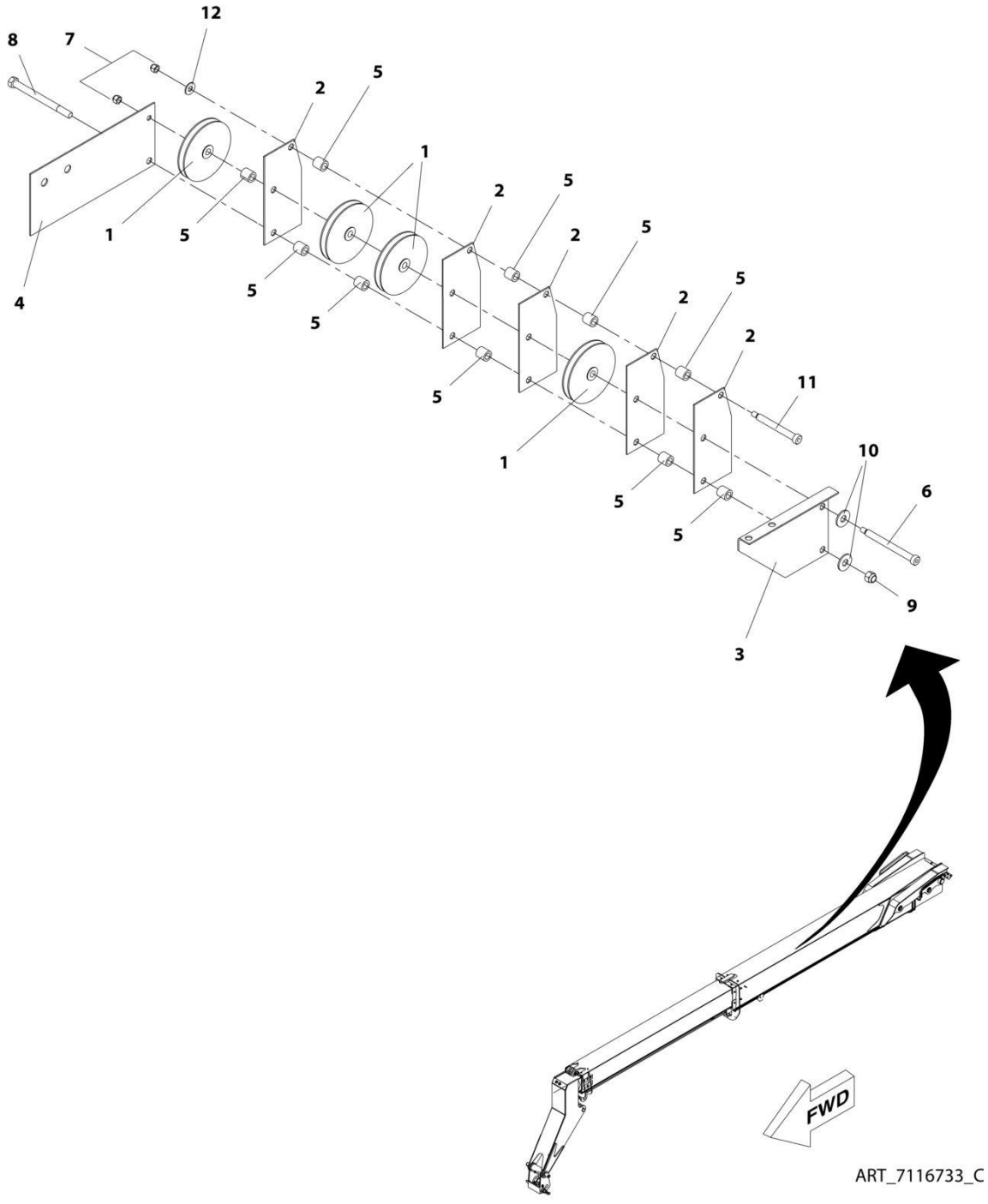


FIGURE 2-2. HOSE PULLEY ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7116733	Ref	Hose Pulley Assembly	C
1	7116812	4	Wheel, Roller	
2	7116642	5	Divider	
3	7116652	1	Bracket, RH	
4	7116662	1	Bracket, LH	
5	7116691	10	Spacer	
6	8310235	1	Screw, Shoulder 1/2X5	
7	8305645	2	Nut, Lock 3/8-16	
8	8310209	1	Bolt, 1/2-13X6	
9	8305644	1	Nut, Lock 1/2-13	
10	8307206	2	Washer, Plain 1/2	
11	8310245	1	Screw, Shoulder 1/2X4	
12	8307204	1	Washer, Plain 3/8	

FIGURE 2-3. RETRACT CHAIN ASSEMBLY

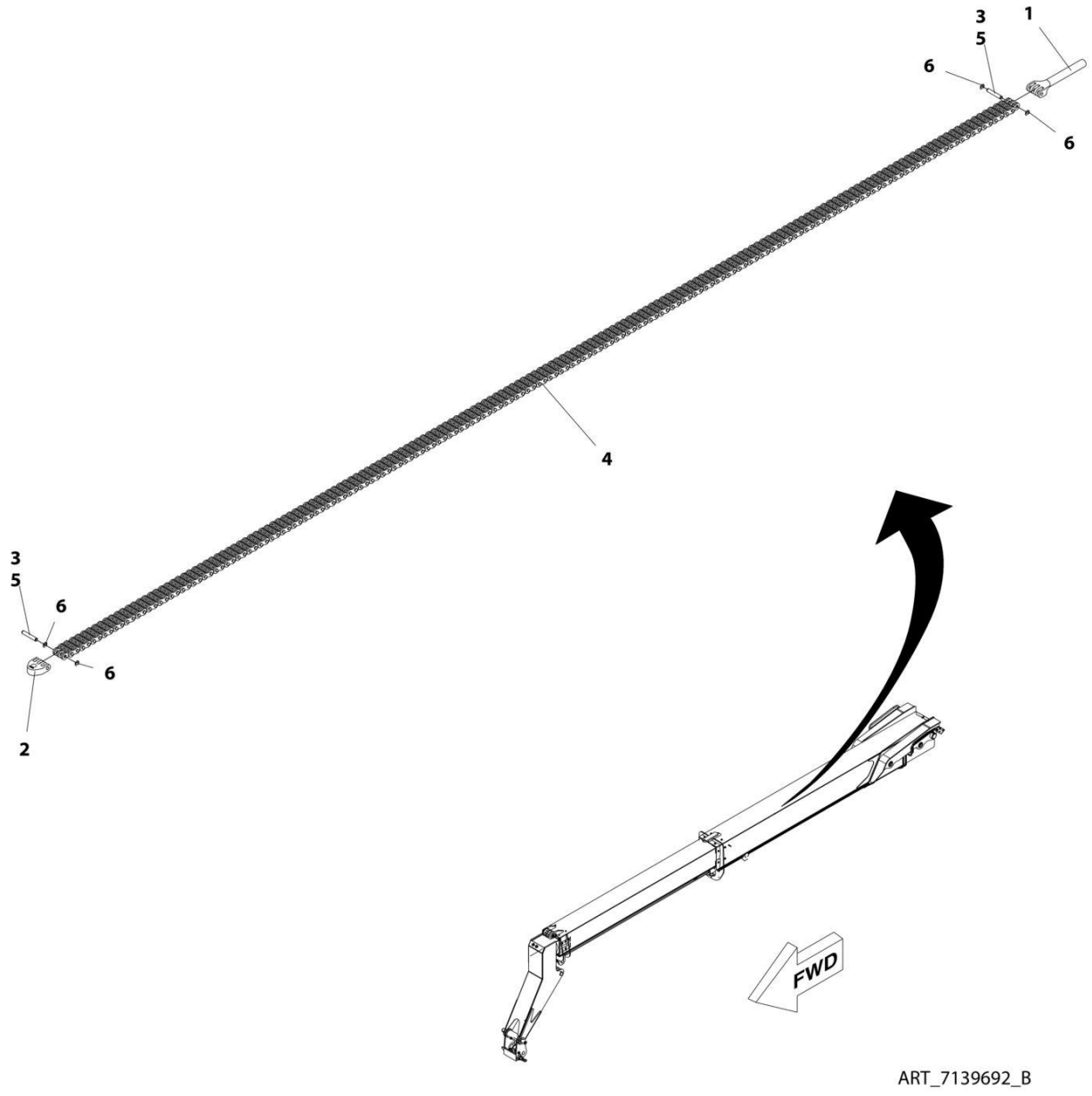


FIGURE 2-3. RETRACT CHAIN ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7139692	Ref	Chain and Clevis Assembly	B
1	7139032	1	Clevis, Female Anchor	
2	7139416	1	Clevis, Female Anchor	
3	8124138	2	Pin, Chain Clevis	
4	8127024	1	Chain, Leaf	
5	8522012	AR	Lube, Anti-Seize	
6	8642237	4	Ring, Retaining	

FIGURE 2-4. EXTEND CHAIN ASSEMBLY (6042)

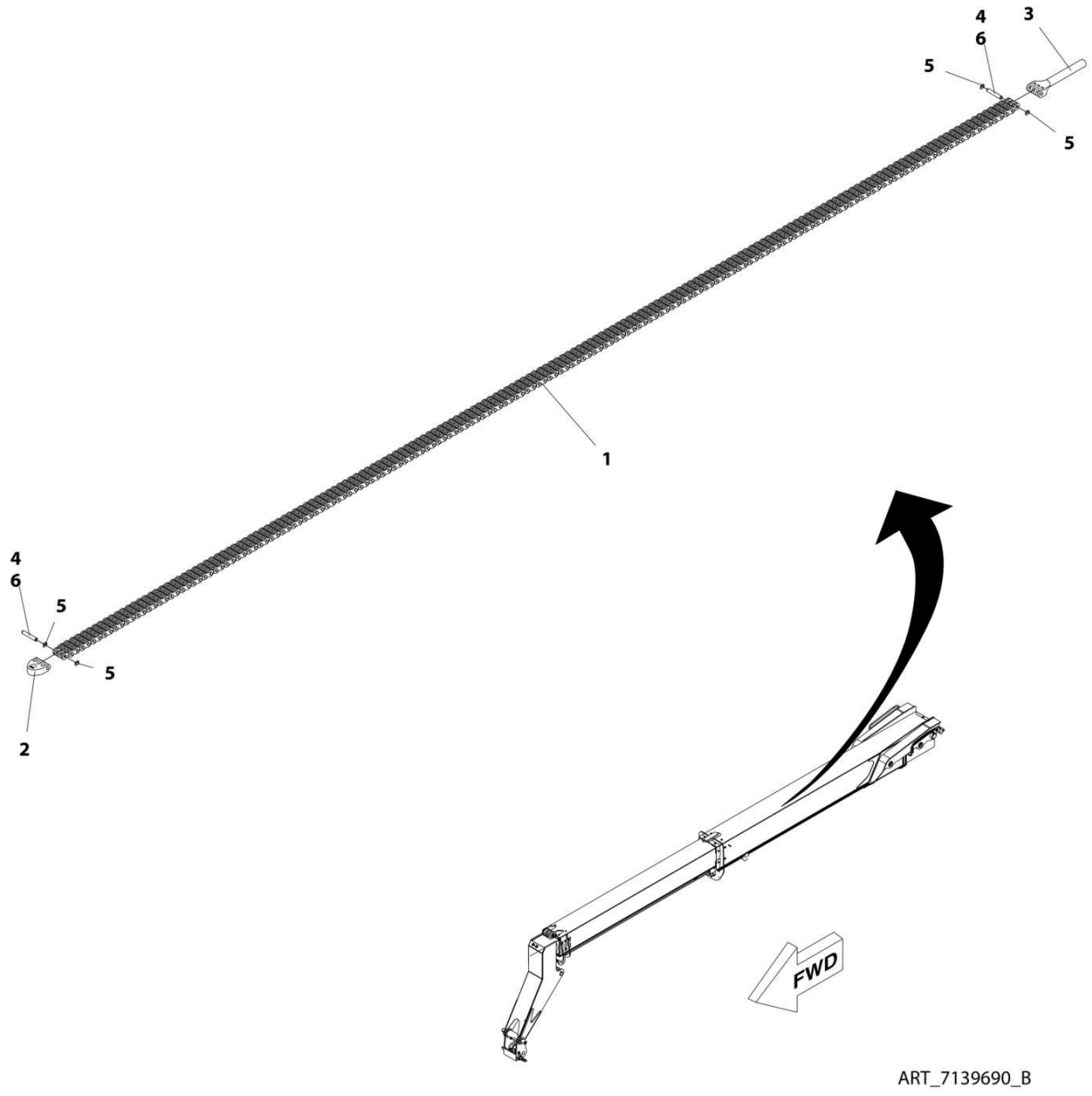


FIGURE 2-4. EXTEND CHAIN ASSEMBLY (6042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7139690	Ref	Extend Chain Assembly	B
1	8127022	1	Chain, Leaf	
2	7139416	1	Clevis, Female Anchor	
3	7139032	1	Clevis, Female Anchor	
4	8124138	2	Pin, Chain Clevis	
5	8642237	4	Ring, Retaining	
6	8522012	AR	Lube, Anti-Seize	

FIGURE 2-5. LOCK PIN ASSEMBLY

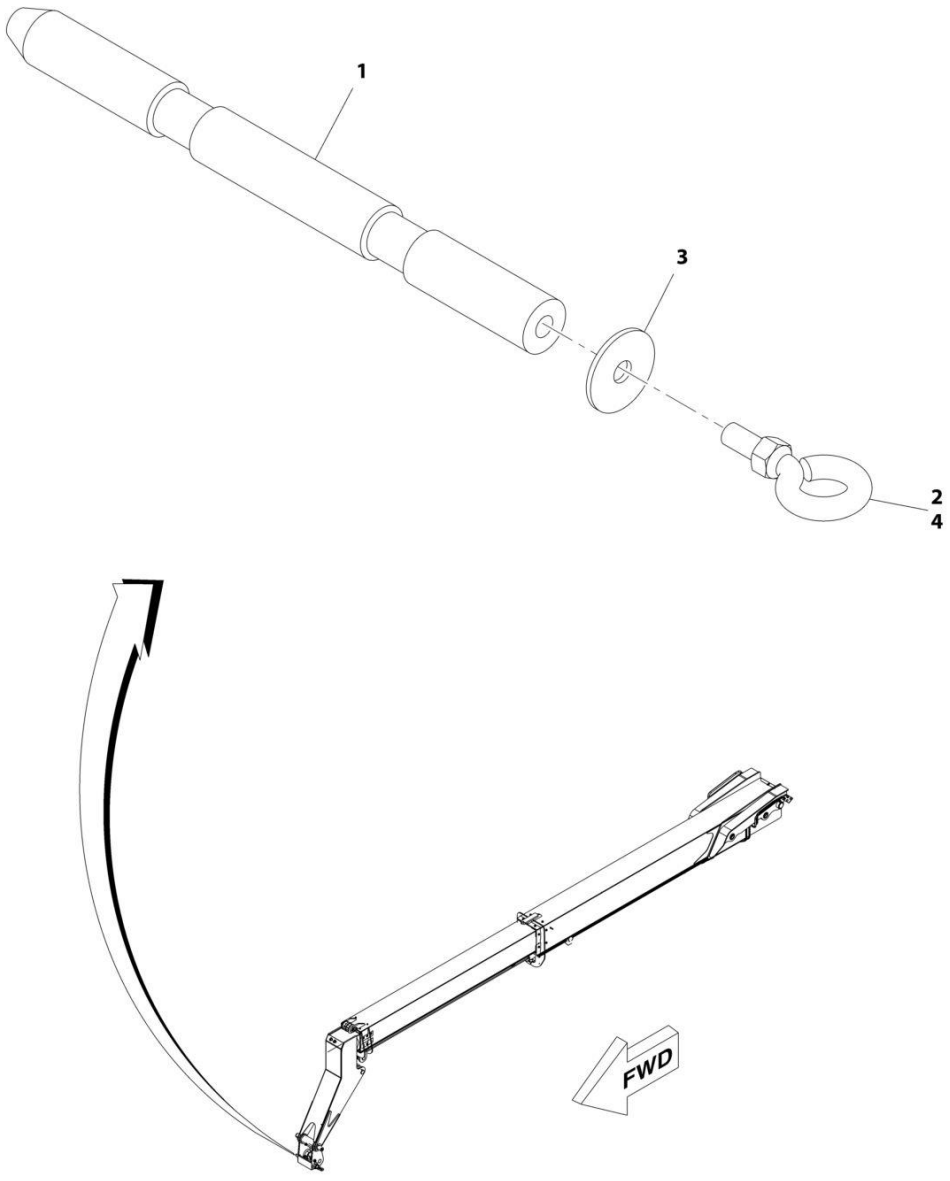
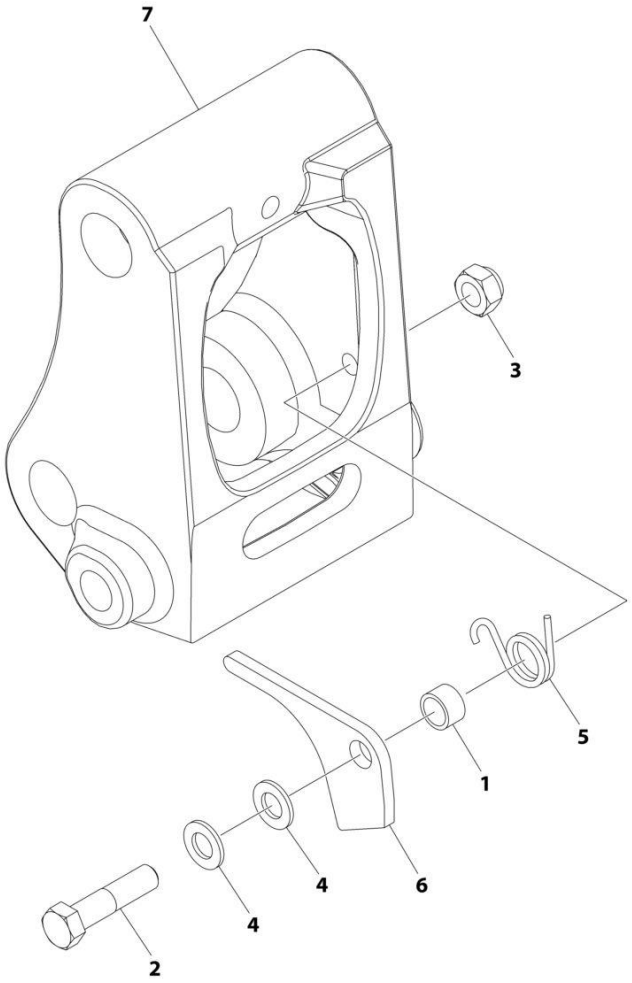


FIGURE 2-5. LOCK PIN ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7118892	Ref	Lock Pin Assembly	B
1	7118882	1	Pin	
2	8310266	2	Bolt, Eye 1/2-13X2	
3	8310276	3	Washer	
4	8526007	AR	Compound, Locking	

FIGURE 2-6. QUICK COUPLER ASSEMBLY



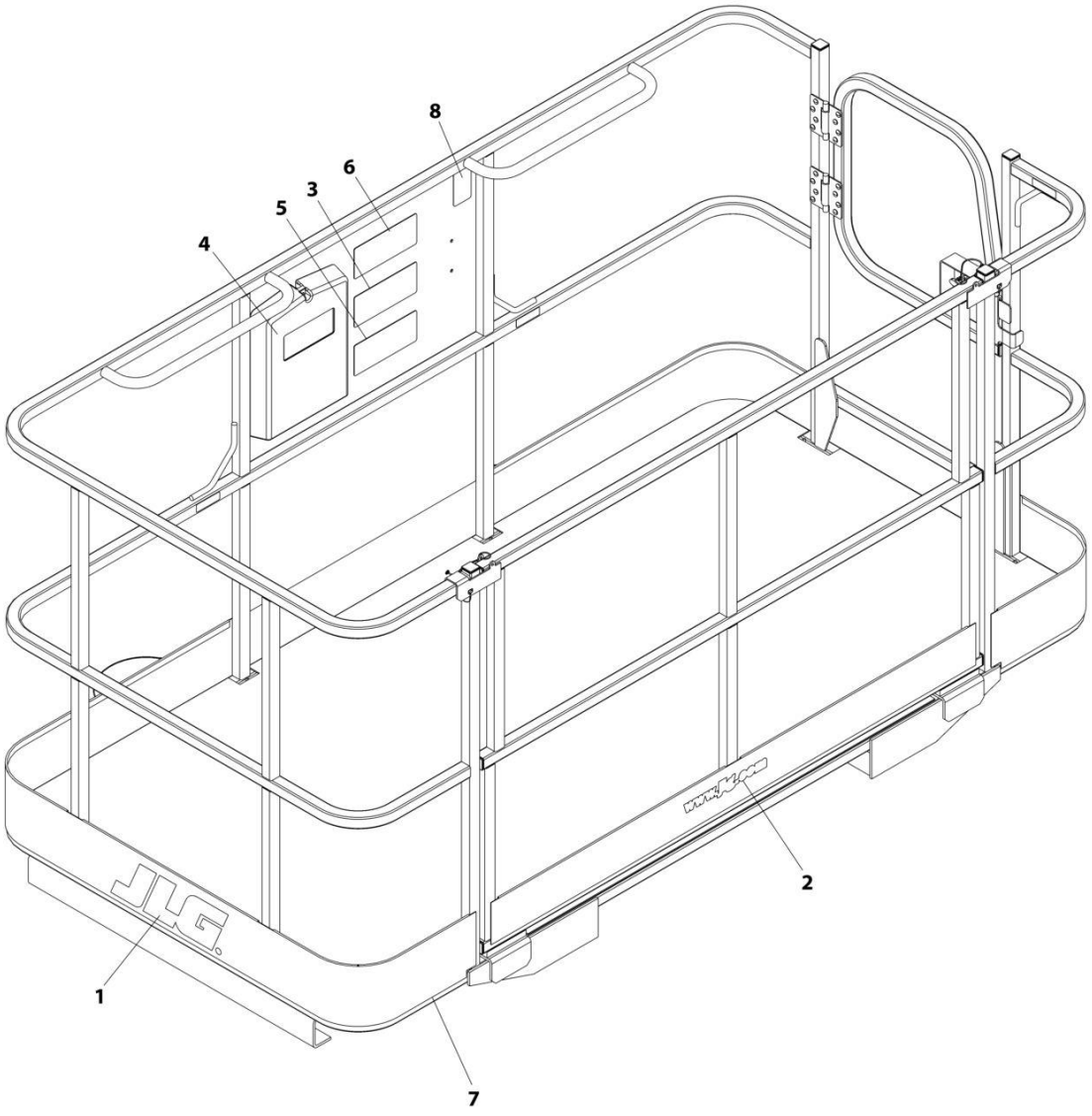
ART_1001242996_C

FIGURE 2-6. QUICK COUPLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242996	Ref	COUPLER ASSEMBLY	C
1	7085571	1	Spacer	
2	8303640	1	Bolt	
3	8305619	1	Nut 3/4	
4	8307104	2	Washer 3/4	
5	1001243025	1	Spring, Torsion	
6	1001243026	1	Plate, Pin Latch	
7	1001243219	1	Coupler, Link	

SECTION 3 - ATTACHMENTS

FIGURE 3-1. BASKET, PERSONNEL (1.2MX2.4M) (DOMESTIC)



ART_1001238653-A

FIGURE 3-1. 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 3-2. BASKET, PERSONNEL (1.2MX2.4M) (ISO)

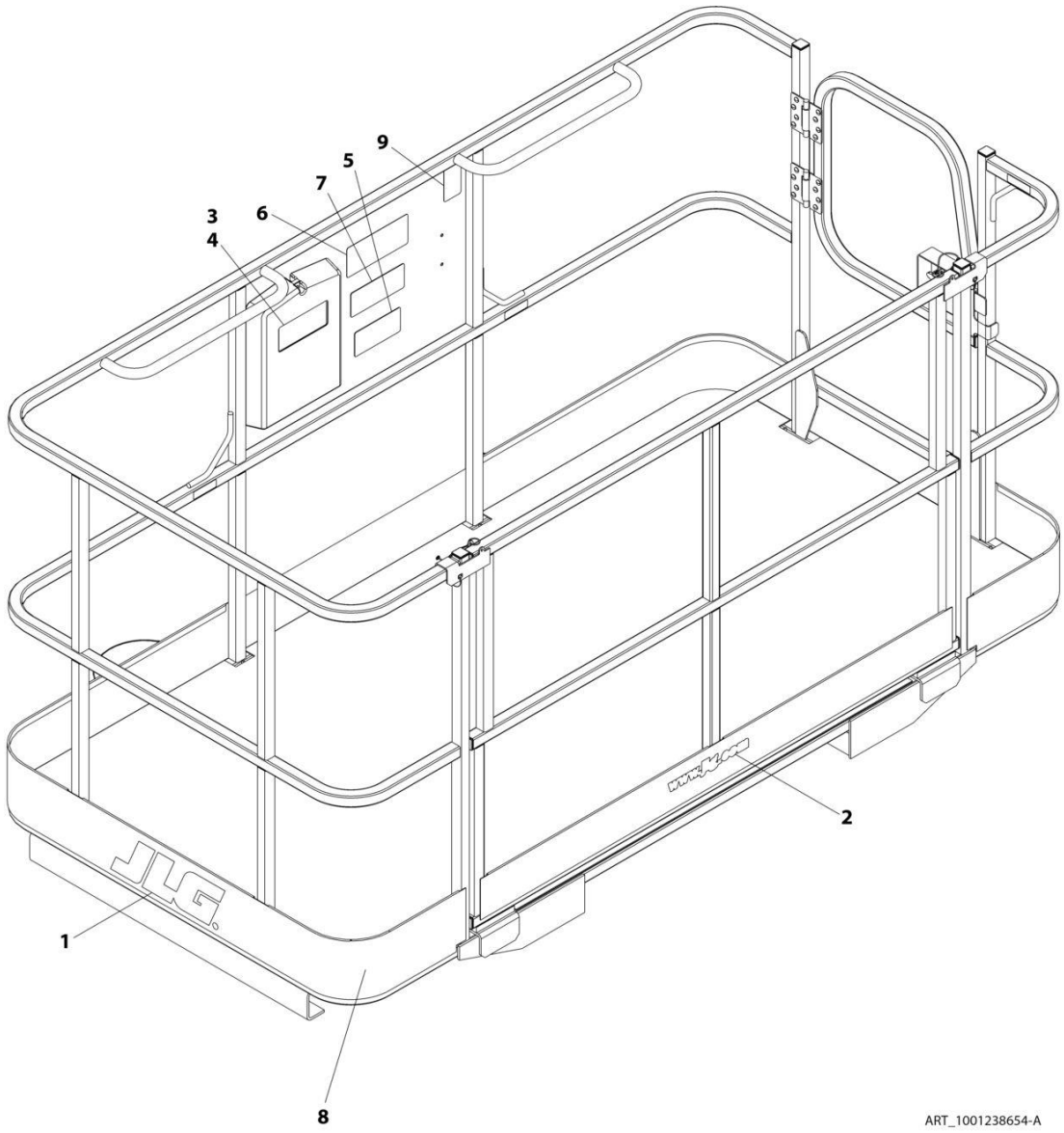


FIGURE 3-2. BASKET, PERSONNEL (1.2MX2.4M) (ISO)

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

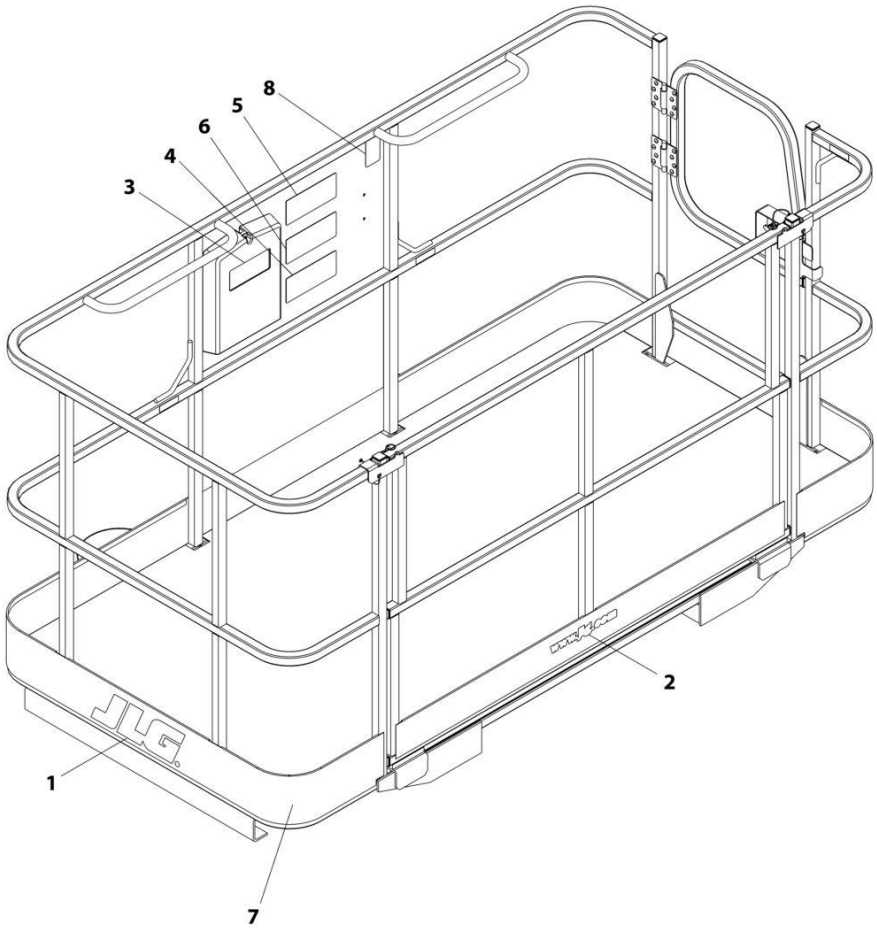


FIGURE 3-3. BASKET, PERSONNEL (1.2MX2.4M) (FRENCH LANGUAGE)

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 3-4. BASKET, PERSONNEL ASSEMBLY

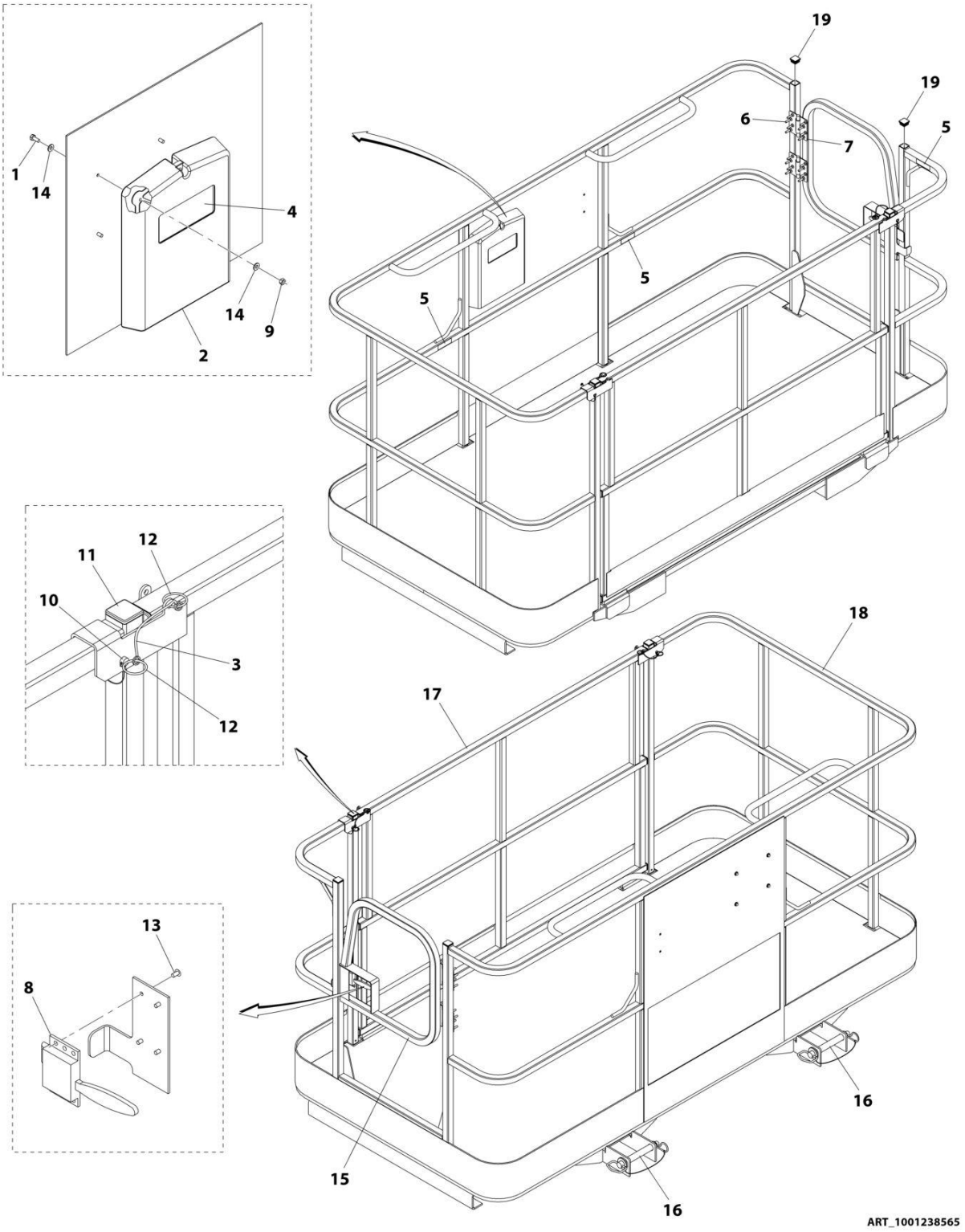


FIGURE 3-4. BASKET, PERSONNEL ASSEMBLY

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	

FIGURE 3-5. BOOM - ADJUSTABLE

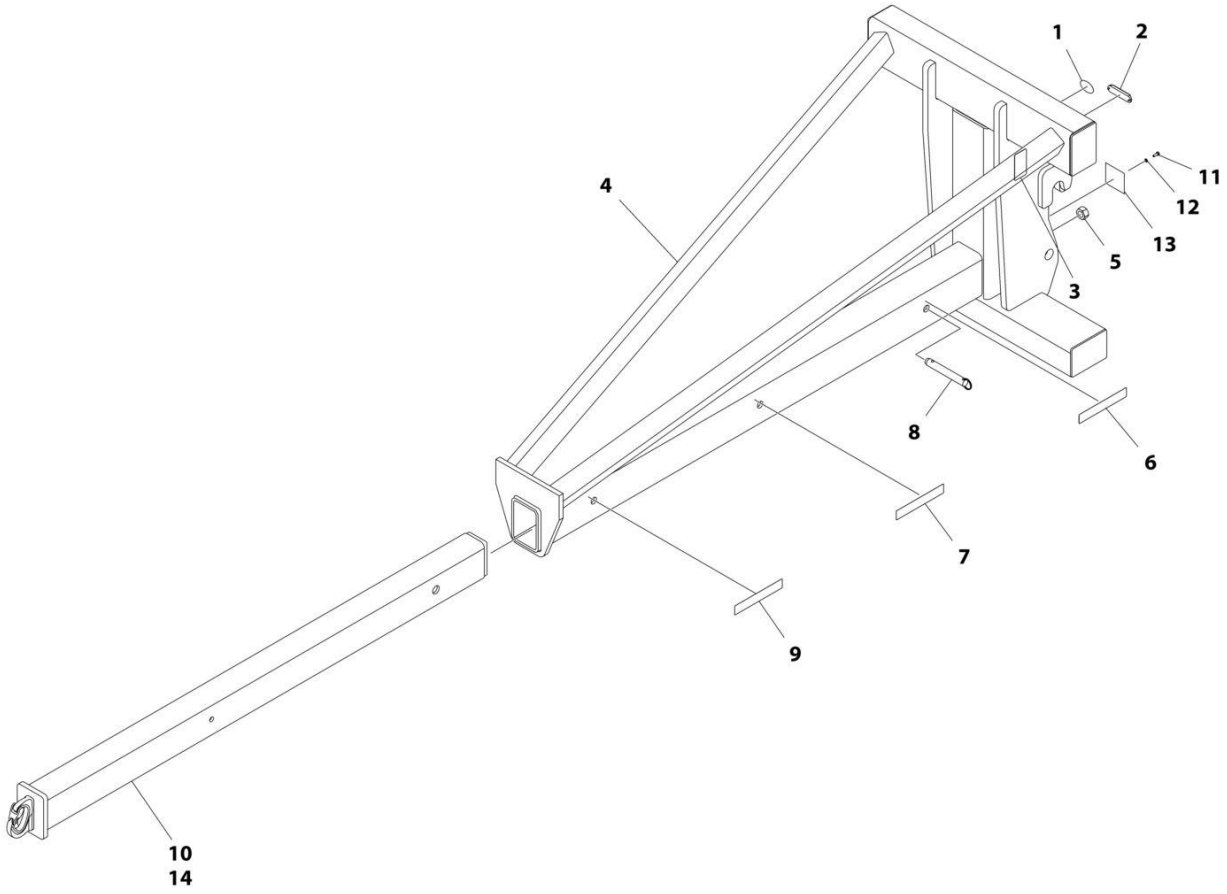


FIGURE 3-5. BOOM - ADJUSTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001176515	Ref	ADJUSTABLE TRUSS BOOM	E
1	90554016	1	Decal, Made in USA	
2	1001227670	1	Tag, RFID	
3	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
4	See Note	NSS	Truss Boom, Adjustable (Note: Purchase Complete Assembly)	
5	70021440	1	Nut, Lock	
6	70024062	2	Decal, 4000 lbs cap	
7	70026944	2	Decal, 3000 lbs cap	
8	70026946	1	Pin	
9	70026699	2	Decal, 2000 lbs cap	
10	70026747	1	Seal	
11	90554033	1	Bolt 3/4 x 1/4	
12	90554034	1	Washer 1/4	
13	70026948	1	Plate, Stop	
14	70026949	1	Boom, Telescopic	

FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED)

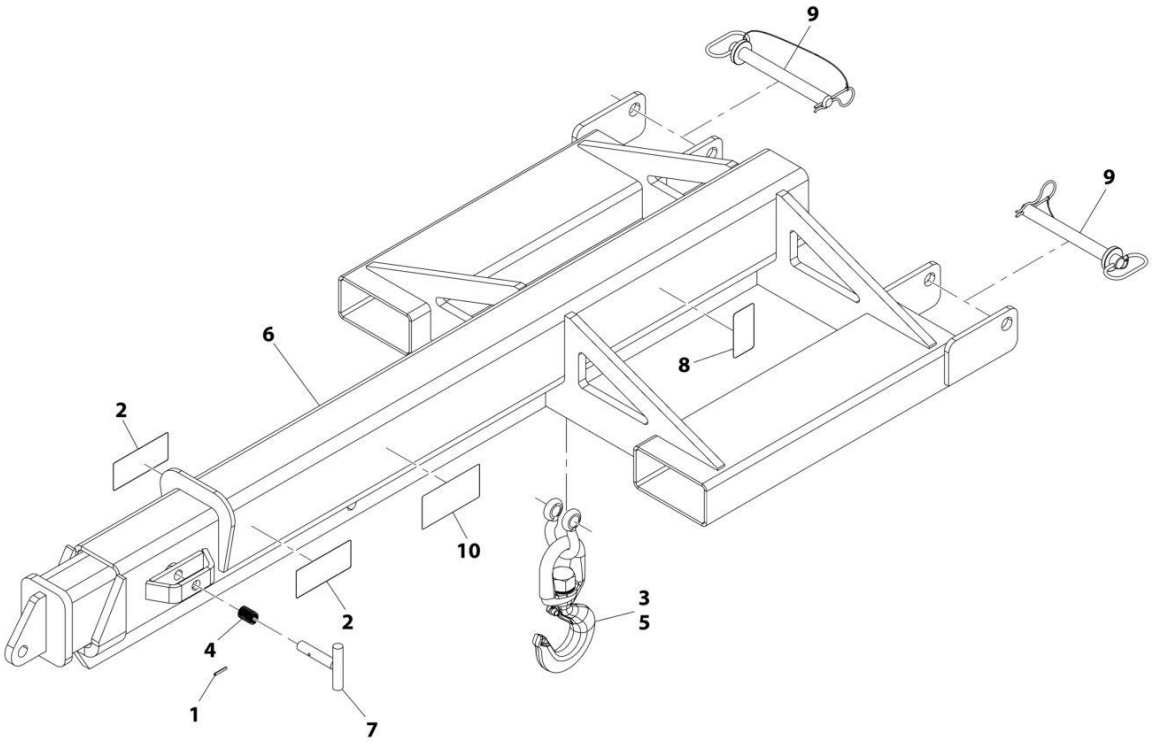


FIGURE 3-6. BOOM - ADJUSTABLE (FORK MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001230241	Ref	Adjustable Truss Boom Installation (Fork Mounted)	J
1	3440620	1	Pin	
2	4110422	2	Decal, Danger Swinging Loads	
3	91403448	1	Hook, Swivel	
4	1001128890	1	Spring	
5	1001146160	1	Shackle	
6	See Note	NSS	Boom, Truss - Adjustable (Note: Purchase Complete Assembly)	
7	1001230239	1	Pin	
8	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
9	1001231692	2	Pin	
10	1001232500	1	Decal, Load Capacities	

FIGURE 3-7. BOOM - 3 FOOT WITH WINCH

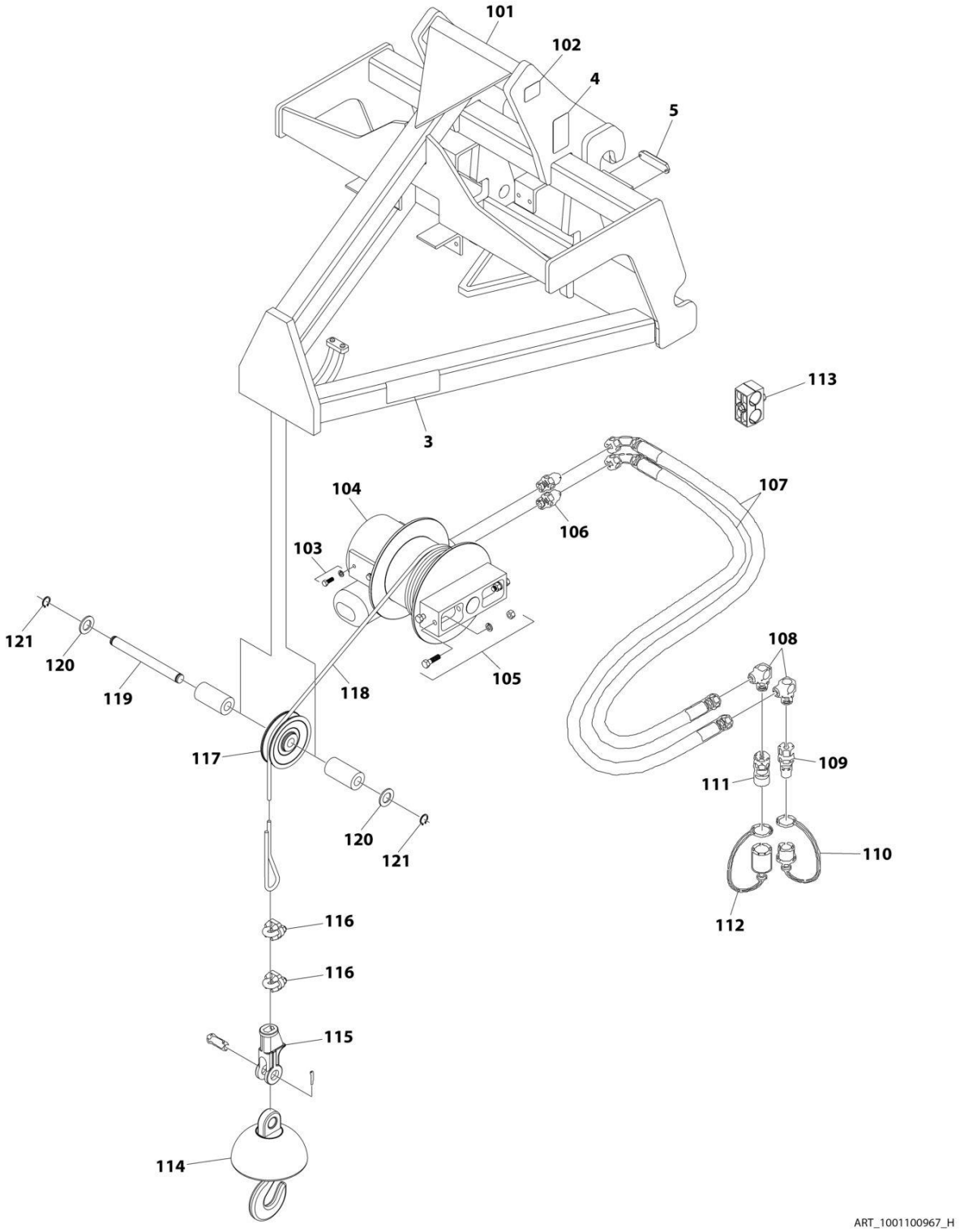


FIGURE 3-7. BOOM - 3 FOOT WITH WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100967	Ref	TRUSS BOOM ASSEMBLY (3 FOOT WITH WINCH) (INCLUDES ITEMS 3, 4, 5 & 101 THRU 121)	H
3	4110422	2	Decal, Danger, Swinging Loads	
4	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
5	1001227670	1	Tag, RFID	
101	See Note	NSS	Truss Boom Frame (Note: Purchase Complete Assembly)	
102	90554016	1	Decal	
103	70021349	4	Bolt	
103	90554042	4	Washer	
104	70021921	1	Winch, Truss Boom	
105	70024059	4	Bolt	
105	90554054	4	Nut	
105	90554020	4	Washer	
106	70021415	2	Fitting	
107	70021977	2	Hose 32in (Boom Front Disconnect)	
107	70031445	2	Hose 48in (Boom Side Disconnect)	
108	70022527	2	Fitting, 90	
109	91403414	1	Fitting, Straight	
110	8420053	1	Cap	
111	91403413	1	Fitting, Straight	
112	8420055	1	Plug	
113	70021387	1	Clamp	
114	70021978	1	Ball Swivel Safety Hook	
115	70021979	1	Assembly, Socket	
116	70022528	2	Clamp	
117	70021935	1	Pulley	
118	70022028	1	Cable	
119	70022529	1	Pin	
120	70027009	2	Washer	
121	70026698	2	Ring, Snap	

FIGURE 3-8. BOOM - 12 FOOT WITH WINCH

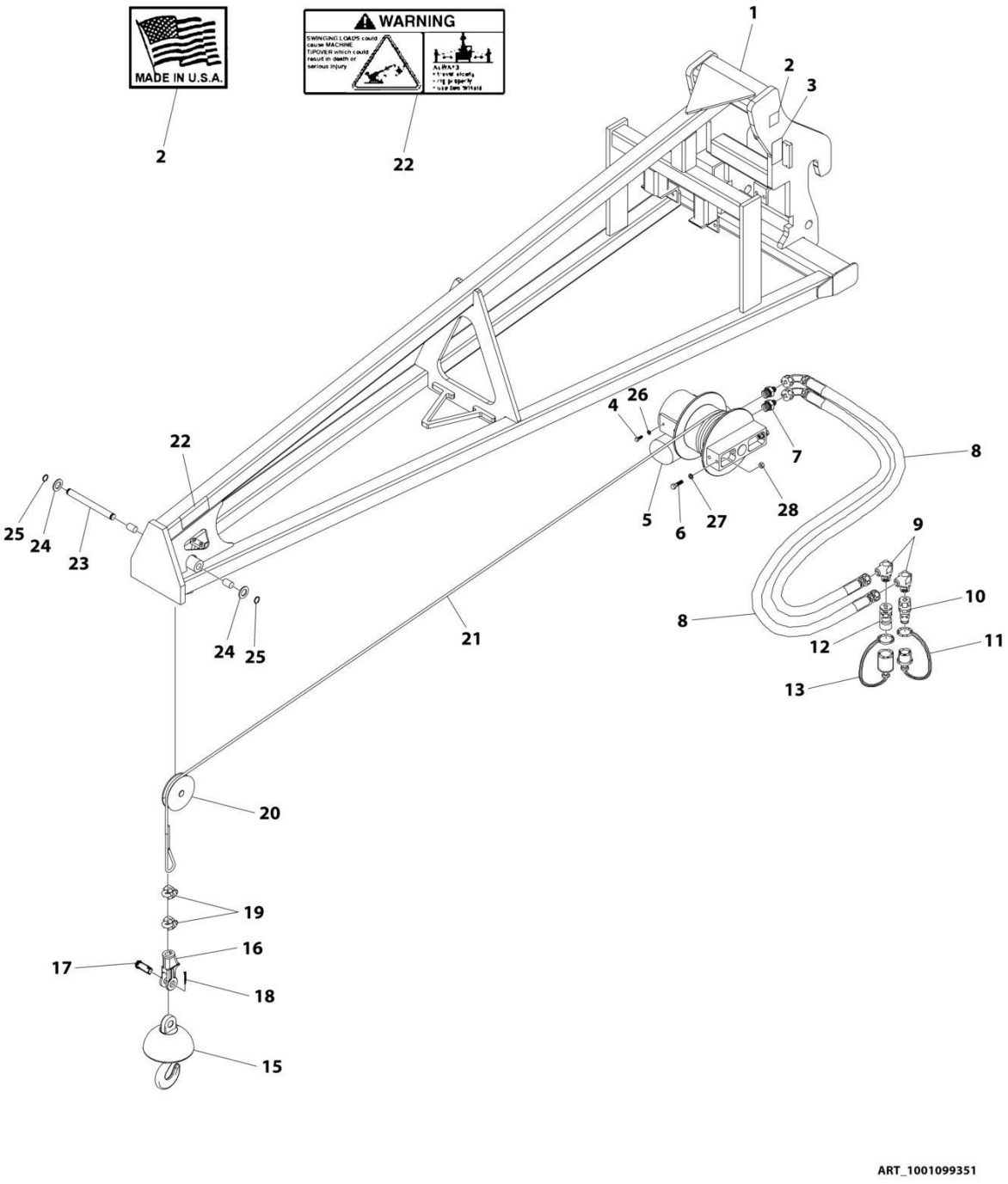


FIGURE 3-8. BOOM - 12 FOOT WITH WINCH

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

FIGURE 3-9. BOOM - 12 FOOT WITHOUT WINCH

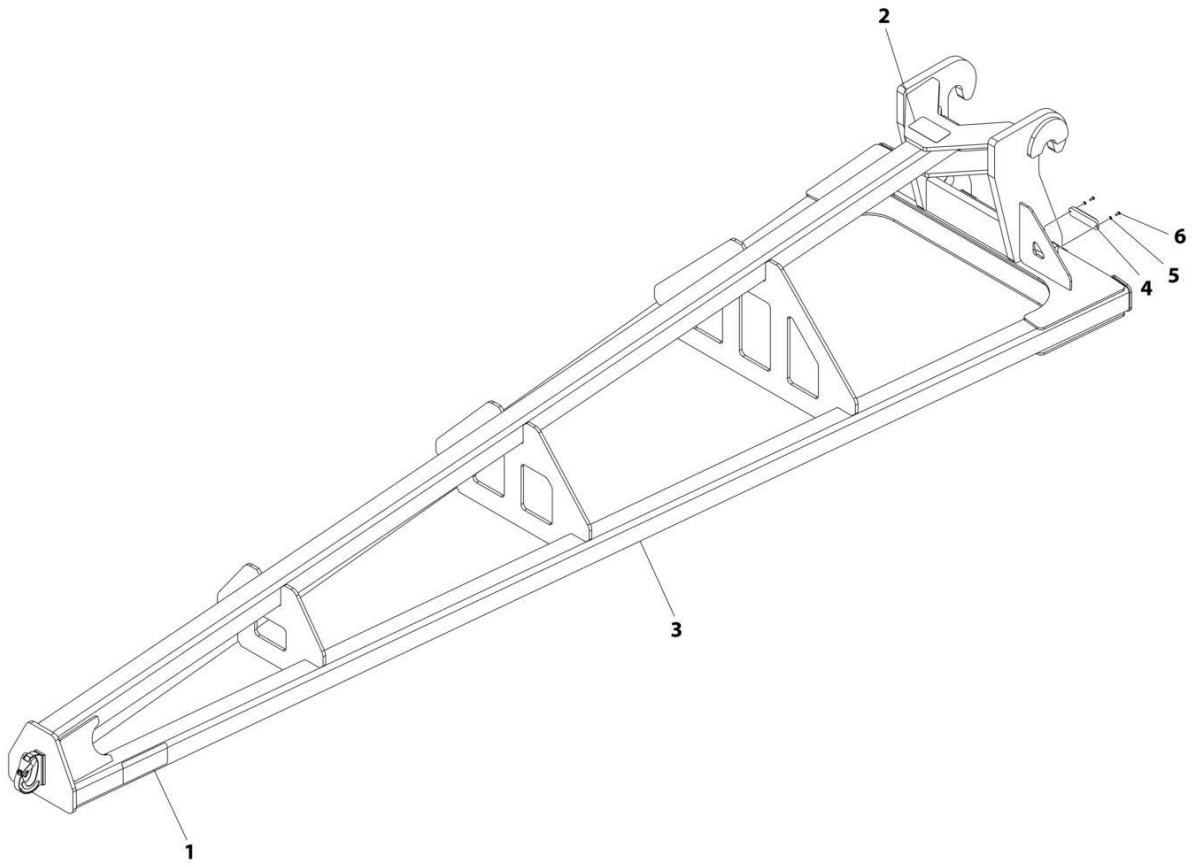


FIGURE 3-9. BOOM - 12 FOOT WITHOUT WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099902	Ref	TRUSS BOOM (0.9 TON - 3.7M)	H
1	4110422	2	Decal, Danger Swinging Loads	
2	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
3	See Note	NSS	Boom, Truss (Note: Purchase Complete Assembly)	
4	1001227670	1	Tag, RFID	
5	4811400	2	Washer M4	
6	0760405	2	Bolt M4 x 10	

FIGURE 3-10. BOOM - 15 FOOT WITHOUT WINCH

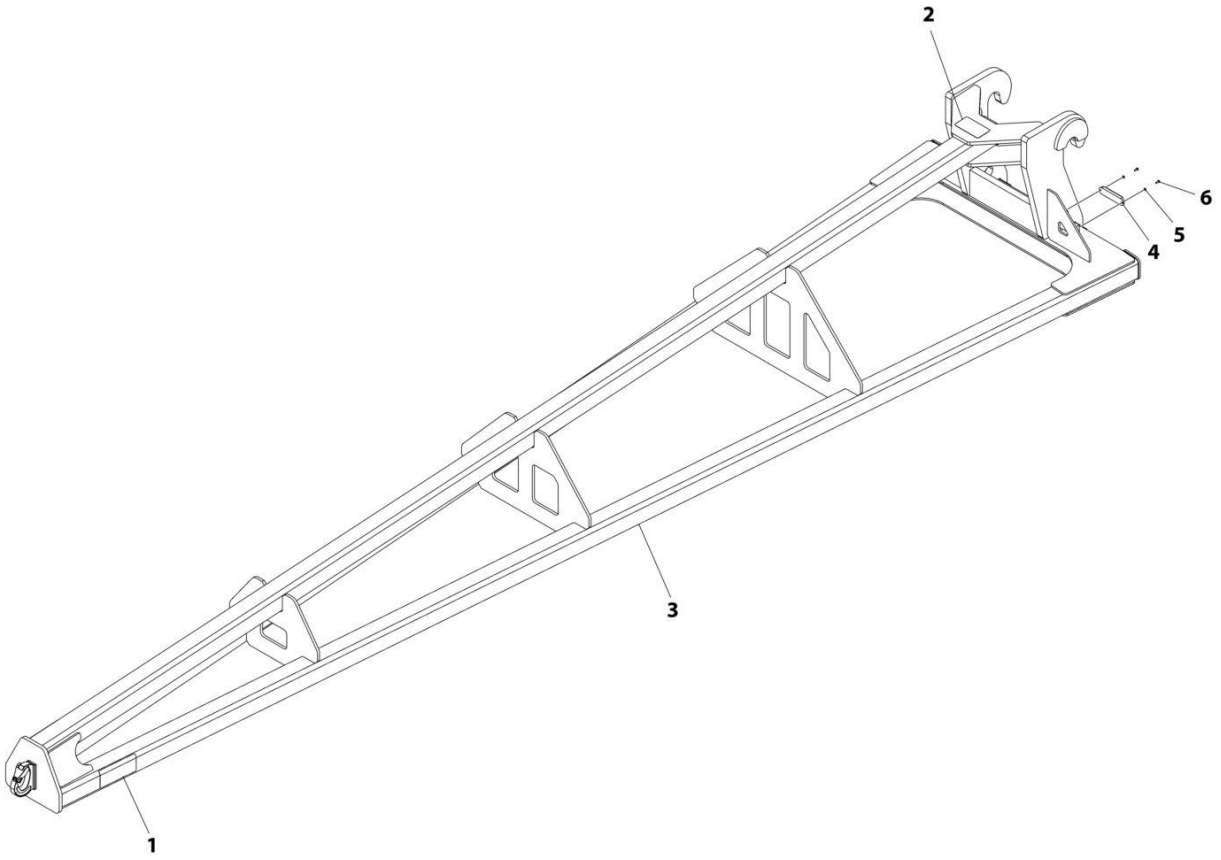


FIGURE 3-10. BOOM - 15 FOOT WITHOUT WINCH

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001099901	Ref	TRUSS BOOM (15 FOOT)	H
1	4110422	2	Decal, Danger Swinging Loads	
2	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
3	See Note	NSS	Boom, Truss (Note: Purchase Complete Assembly)	
4	1001227670	1	Tag, RFID	
5	4811400	2	Washer M4	
6	0760405	2	Bolt M4 x 10	

FIGURE 3-11. BUCKET (60 INCH)

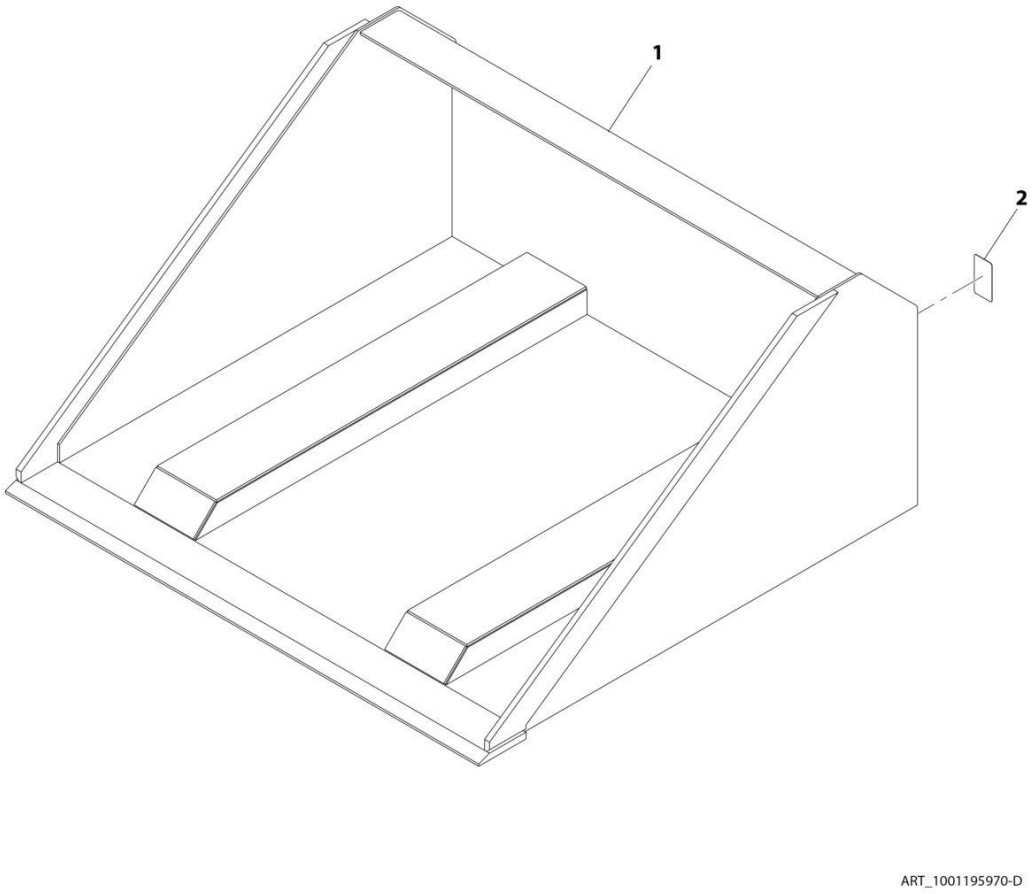


FIGURE 3-11. BUCKET (60 INCH)

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

FIGURE 3-12. BUCKET (72 INCH)

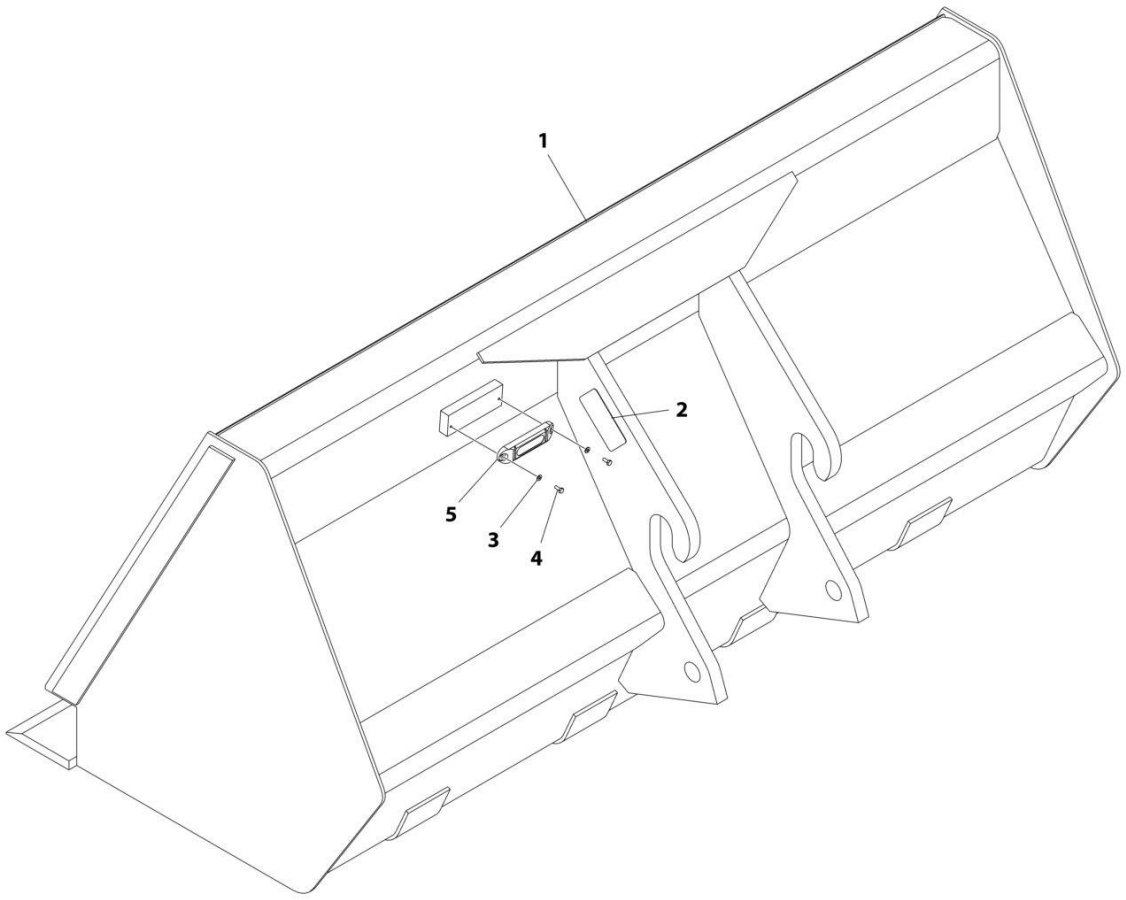


FIGURE 3-12. BUCKET (72 INCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100822	Ref	BUCKET 1.0 YD³ (ANSI - JLG)	I
1	1001100265	1	Bucket Weldment	
2	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
3	4811400	2	Washer M4	
4	0760405	2	Bolt M4 x 10	
5	1001227670	1	Tag, RFID	

FIGURE 3-13. BUCKET (96 INCH)

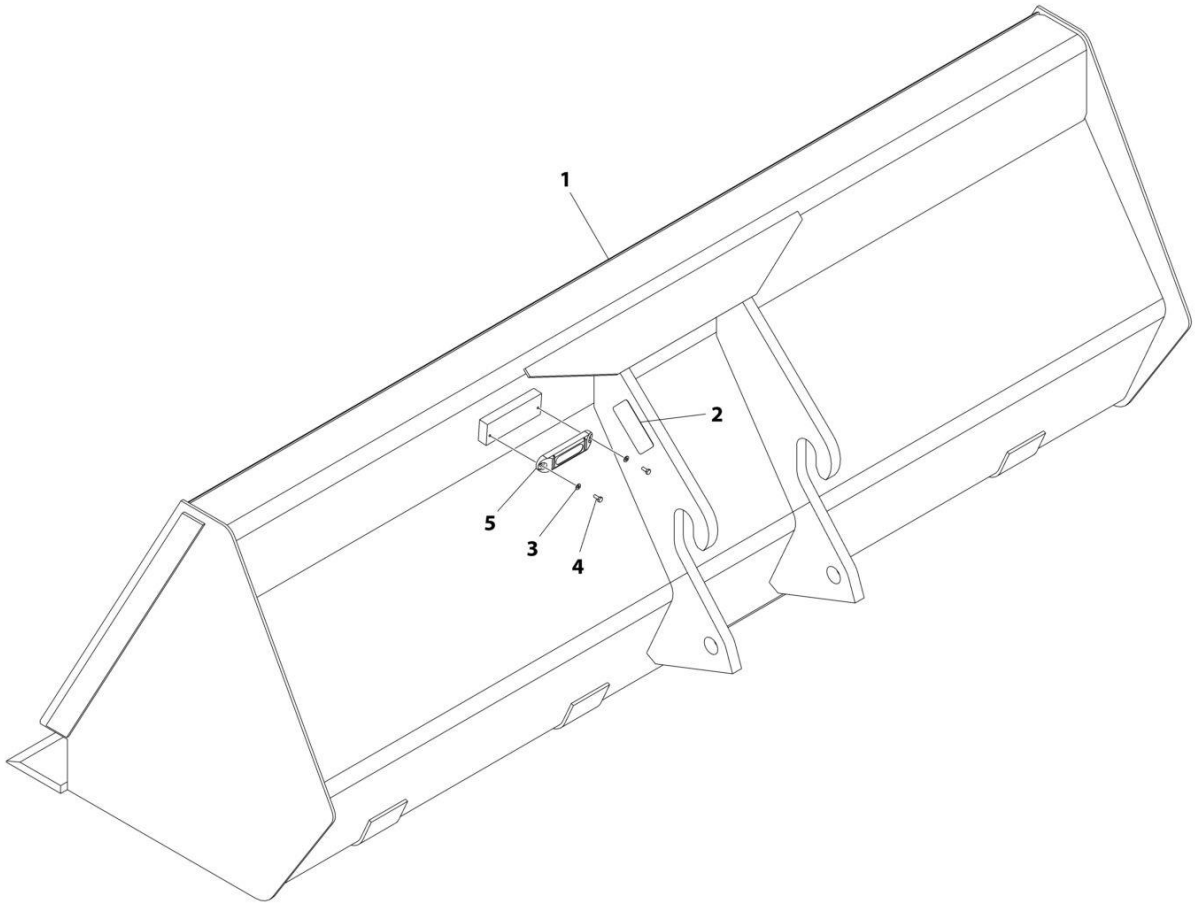


FIGURE 3-13. BUCKET (96 INCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100823	Ref	BUCKET (1.15 M^3)	I
1	1001100266	1	Bucket	
2	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
3	4811400	2	Washer M4	
4	0760405	2	Bolt M4 x 10	
5	1001227670	1	Tag, RFID	

FIGURE 3-14. BUCKET - GRAPPLE (96 INCH)

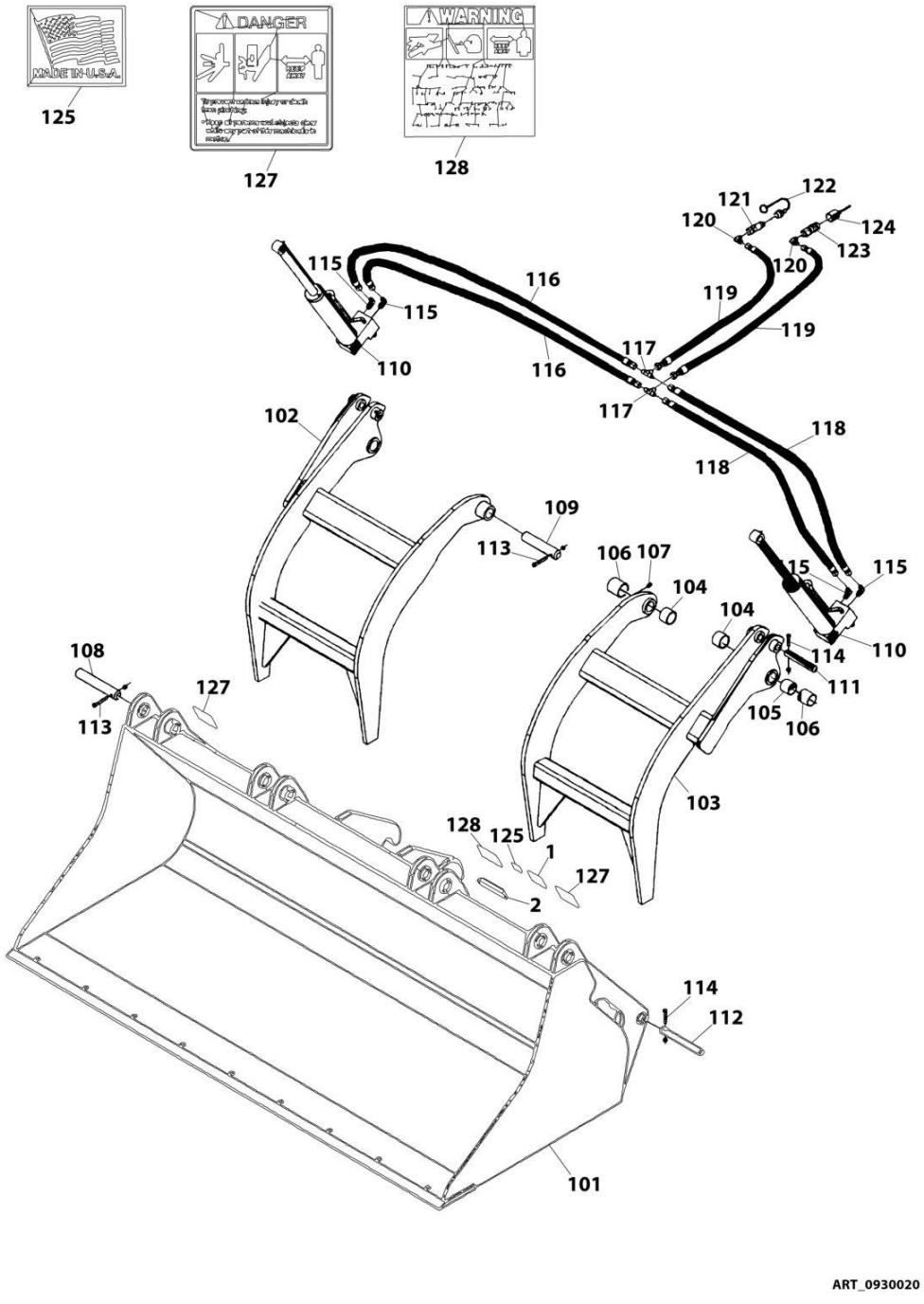


FIGURE 3-14. BUCKET - GRAPPLE (96 INCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0930020	Ref	Multi-Purpose Grapple Bucket (2450 MM)	L
1	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
2	1001227670	1	Tag, RFID	
101	N.S.S.	1	Bucket	
101	70021387	4	Clamp, Hose	
102	70021391	1	Hook, RH Grapple	
103	70021392	1	Hook, LH Grapple	
104	70021358	4	Bushing	
105	70021359	2	Spacer	
106	70021360	4	Bushing	
107	7029714	4	Fitting, Grease	
108	70021361	2	Pin	
109	70021362	2	Pin	
110	70021393	2	Cylinder, Grapple Bucket (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
111	70021364	2	Pin	
112	70021365	2	Pin	
113	70021366	4	Bolt, 3/8X2-3/4	
113	70021367	4	Nut 3/8	
114	70021399	4	Bolt, 3/8X2-1/4	
114	70021367	4	Nut, Lock 3/8	
115	90554065	4	Fitting, 90	
116	70021980	2	Hose	
117	70020562	2	Fitting, Tee	
118	70021981	2	Hose	
119	70021982	2	Hose 34in (Boom Front Disconnect)	
119	70031446	2	Hose 45in (Boom Side Disconnect)	
120	70022527	2	Fitting, 90	
121	7029692	1	Coupler	
122	90554062	1	Cover	
123	70021342	1	Coupler	
124	90554076	1	Cover	
125	90554016	1	Decal, Made in USA	
127	90554017	2	Decal, Danger Pinch Point	
128	90554018	1	Decal, Warning High Pressure	

FIGURE 3-15. BUCKET (102 INCH)

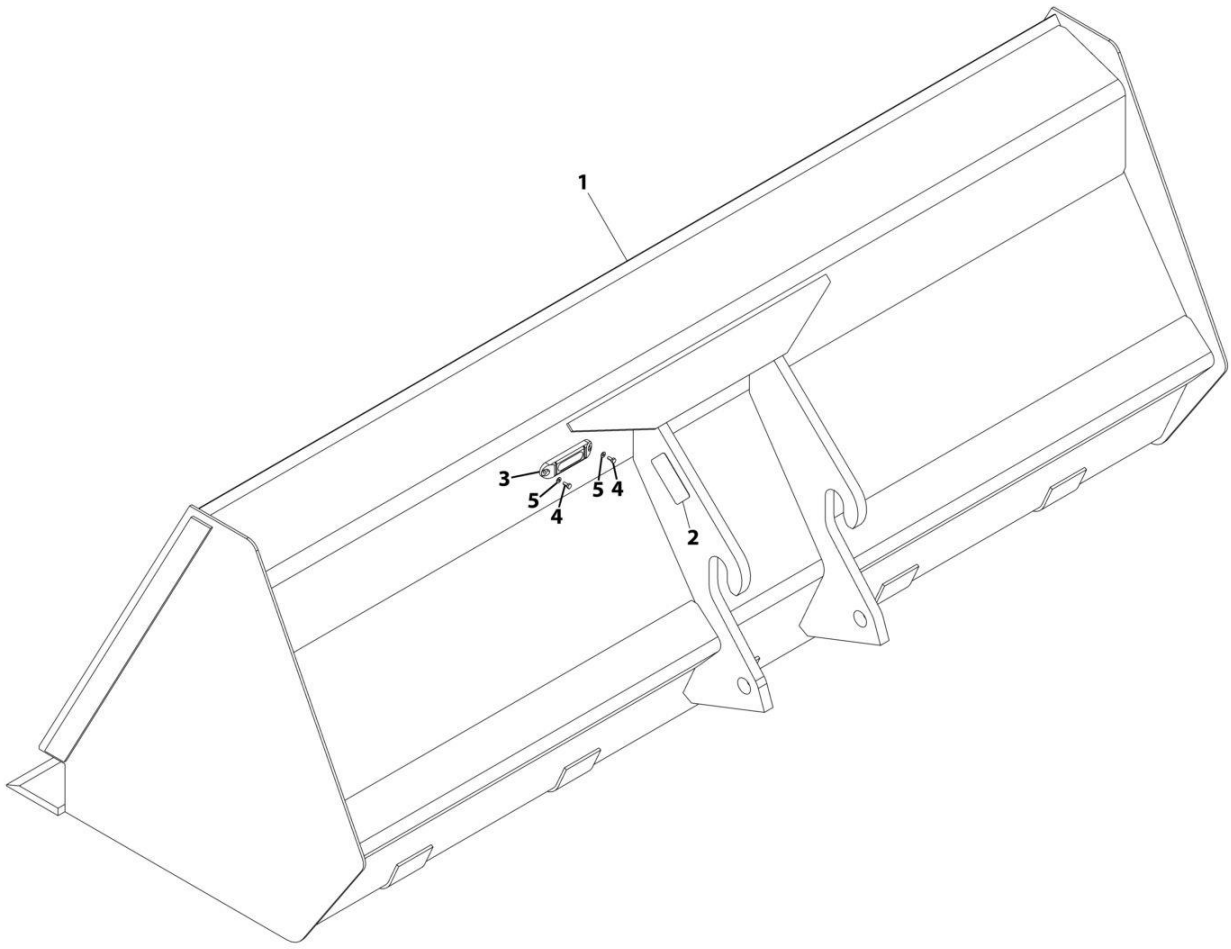


FIGURE 3-15. BUCKET (102 INCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100824	Ref	Bucket (102 Inch)	H
1	1001100267	NLA	Bucket (Note: Purchase PN 1001100824)	
2	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
3	1001227670	1	Tag, RFID	
4	0760405	2	Bolt M4 x 10	
5	4811400	2	Washer M4	

FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN SIDE SHIFT

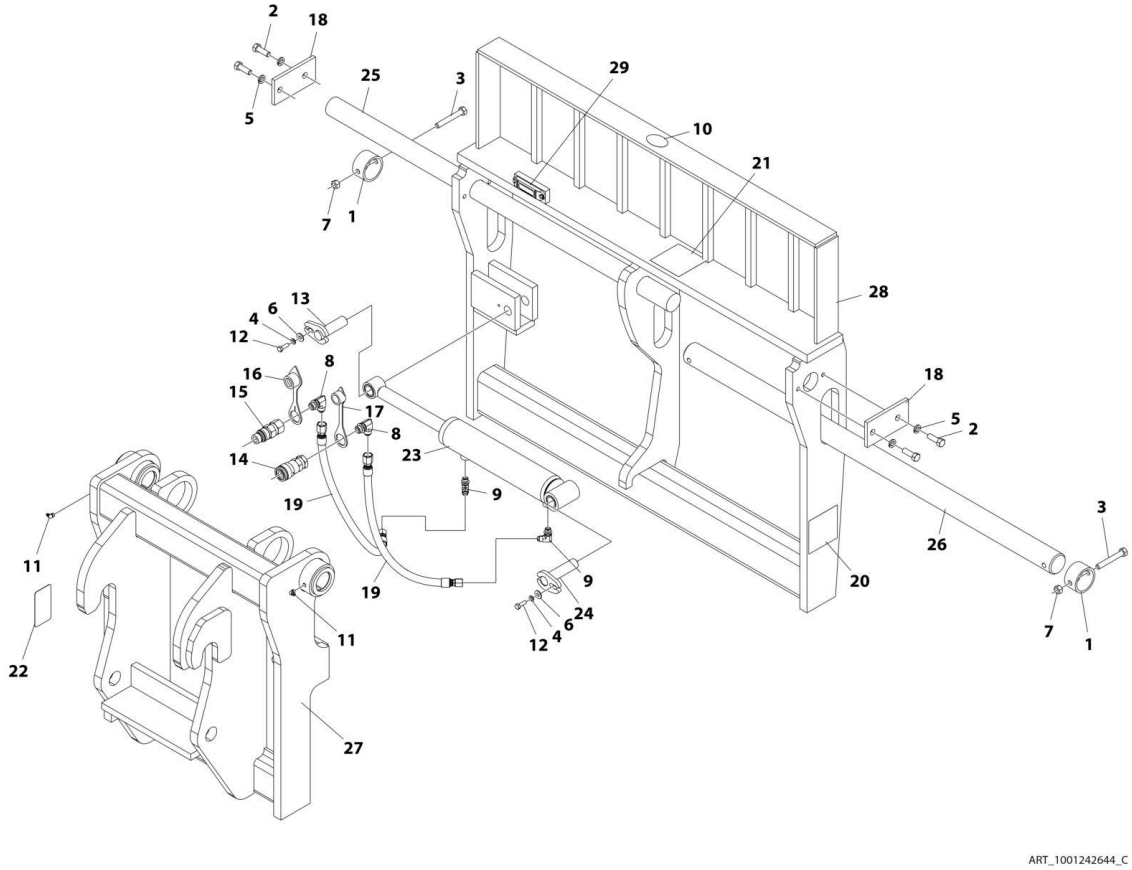


FIGURE 3-16. CARRIAGE ASSEMBLY - 48IN SIDE SHIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242644	Ref	SIDE SHIFT CARRIAGE ASSEMBLY (48 INCH)	C
1	70020028	2	Bushing	
2	70021382	4	Bolt 1/2 x 1-1/2	
3	70020002	2	Bolt 1/2 x 4	
4	90554067	2	Washer 5/16	
5	90554020	4	Washer 1/2	
6	70021379	2	Washer	
7	70027642	2	Washer	
8	70030141	2	Elbow	
9	90554065	2	Elbow 90	
10	90554016	1	Decal - Made in USA	
11	70021389	2	Fitting 90	
12	70021378	2	Capscrew	
13	70021351	1	Pin	
14	91403413	1	Adapter	
15	91403414	1	Adapter	
16	8420053	1	Cap, Dust	
17	8420055	1	Plug, Dust	
18	70030142	2	Plate	
19	70030143	2	Hose 30in (Boom Front Disconnect)	
19	70031444	2	Hose 55in (Boom Side Disconnect)	
20	90554017	2	Decal - Danger Pinch Point	
21	7029711	1	Decal - High Pressure	
22	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
23	70021376	1	Cylinder Assembly (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
24	70021377	1	Pin	
25	70030144	1	Pin	
26	70030145	1	Pin	
27	See Note	NSS	Frame - Rear (Note: Purchase Complete Assembly)	
28	See Note	NSS	Frame - Front (Note: Purchase Complete Assembly)	
29	1001227670	1	Tag, RFID	

FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN

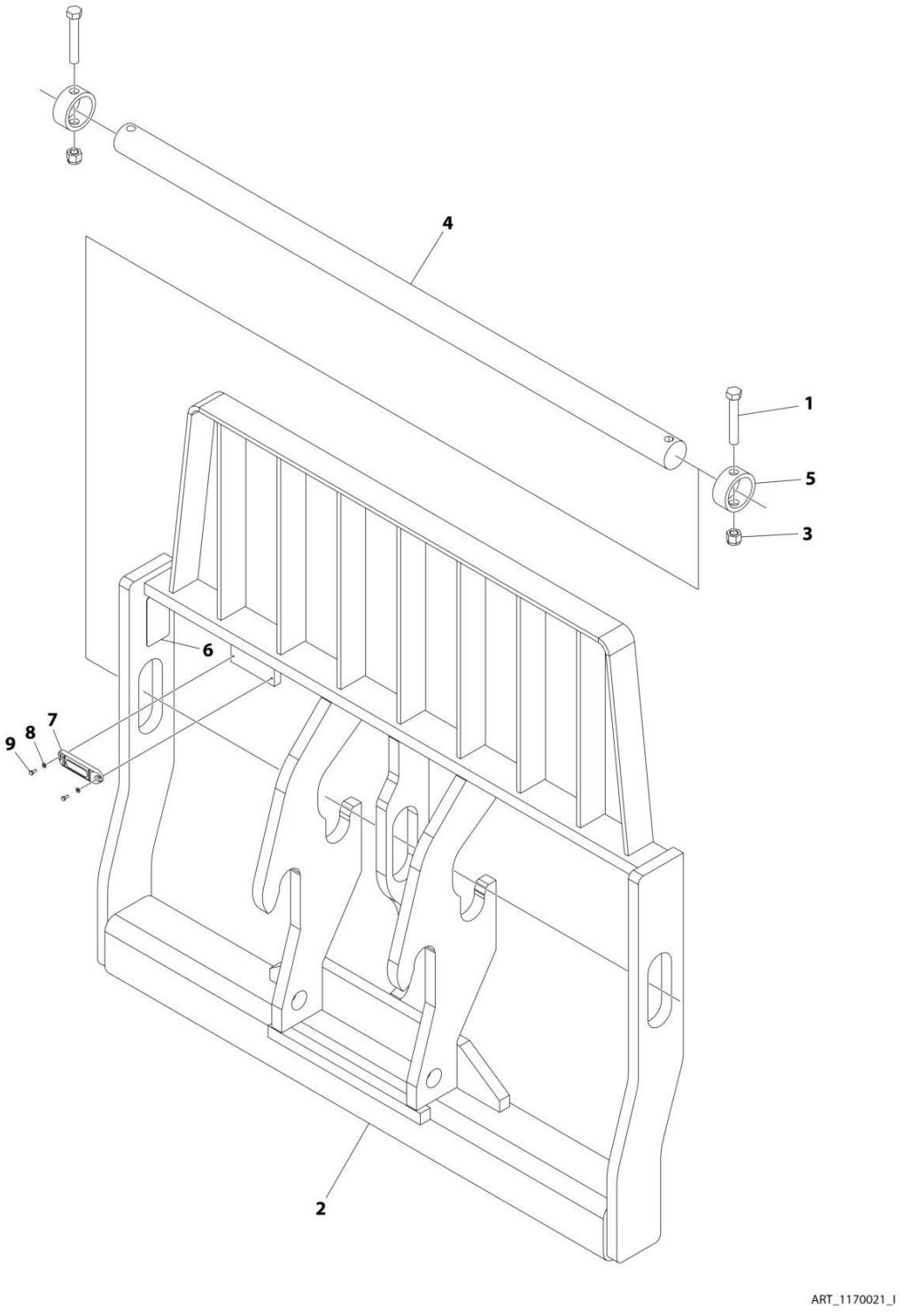


FIGURE 3-17. CARRIAGE ASSEMBLY - 50IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170021	Ref	CARRIAGE ASSEMBLY (50 INCH)	I
1	0642032	2	Bolt 5/8-11 x 4	
2	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
3	3300240	2	Nut 5/8-11	
4	3423275	1	Pin, Fork	
5	90200003	2	Collar, Fork Pin	
6	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
7	1001227670	1	Tag, RFID	
8	4811400	2	Washer M4	
9	0760405	2	Bolt M4 x 10	

FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN DUAL FORK POSITIONING

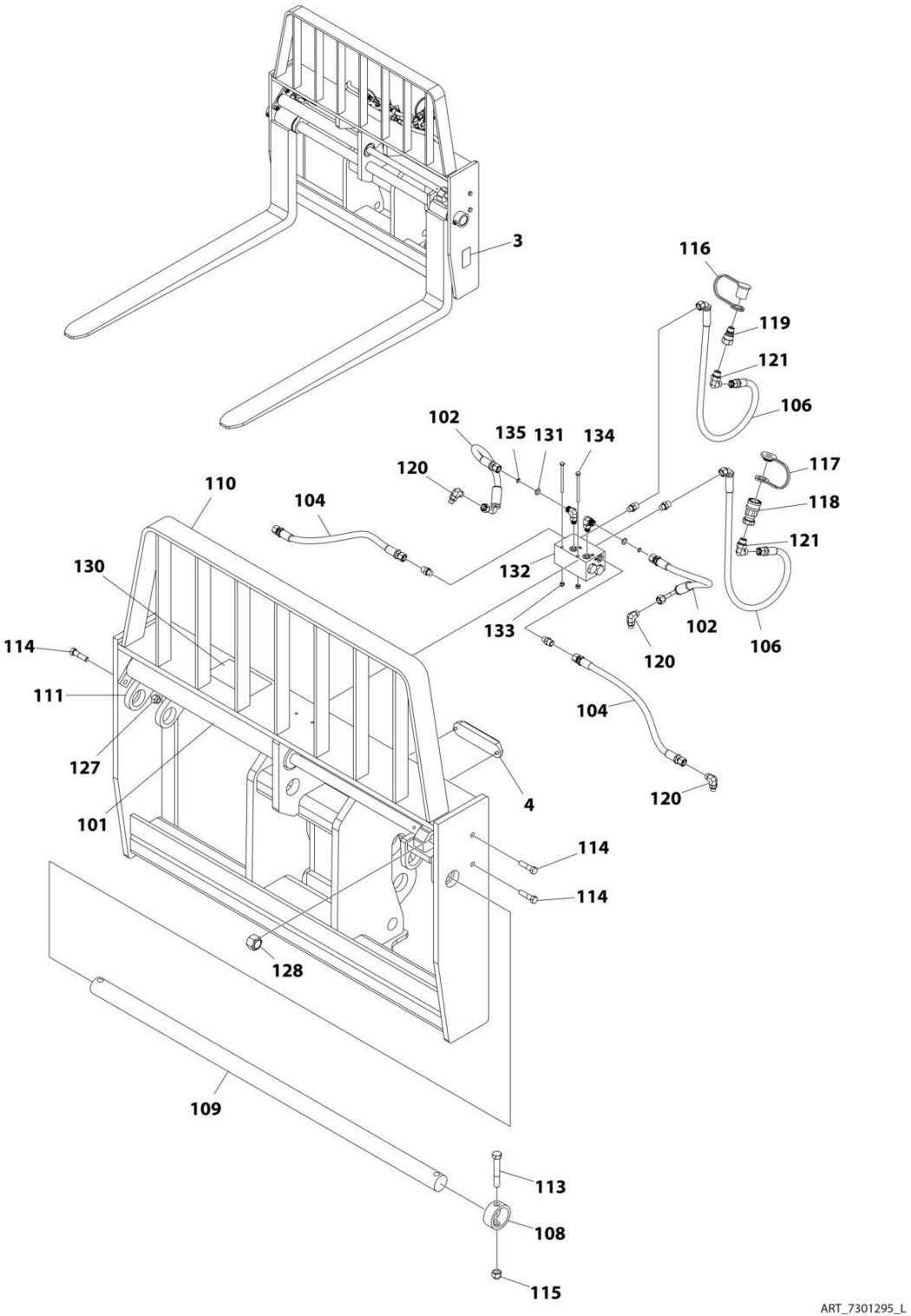


FIGURE 3-18. CARRIAGE ASSEMBLY - 50IN DUAL FORK POSITIONING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7301295	Ref	FORK POSITIONING CARRIAGE WITH FORKS (4.5 TON)	L
3	N.S.S.	1	S/N Plate	
4	1001227670	1	Tag, RFID	
101	2717283	2	Cylinder, Fork Positioning (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
102	2717160	2	Hose	
104	2717161	2	Hose	
106	2717162	2	Hose 36in (Boom Front Disconnect)	
106	70031443	2	Hose 44in (Boom Side Disconnect)	
108	90200003	2	Collar, Fork Pin	
109	90451058	1	Shaft, Fork	
110	N.S.S.	1	Weldment, Carriage	
111	N.S.S.	1	Weldment, Fork Adapter	
113	8303634	2	Bolt 5/8 x 4	
114	8303658	4	Bolt 1/2 x 2	
115	8305643	2	Nut 5/8	
116	8420053	1	Cap, Dust	
117	8420055	1	Plug, Dust	
118	91403413	1	Adapter, Quick Disconnect	
119	91403414	1	Adapter, Quick Disconnect	
120	2130606	4	Adapter, 90 Straight	
121	2130608	2	Adapter, 90 Straight	
127	8310302	4	Nut 1/2	
128	10705034	2	Nut 1	
130	4110473	1	Decal, Warning Route Hoses	
131	7139918	2	Disk, Orifice	
132	4641502	1	Assembly, Dual Fork Carriage Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
133	8305624	2	Nut 1/4	
134	8310435	2	Bolt 1/4 x 3-3/4	
135	8630003	2	O-Ring	

FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN SIDE TILT

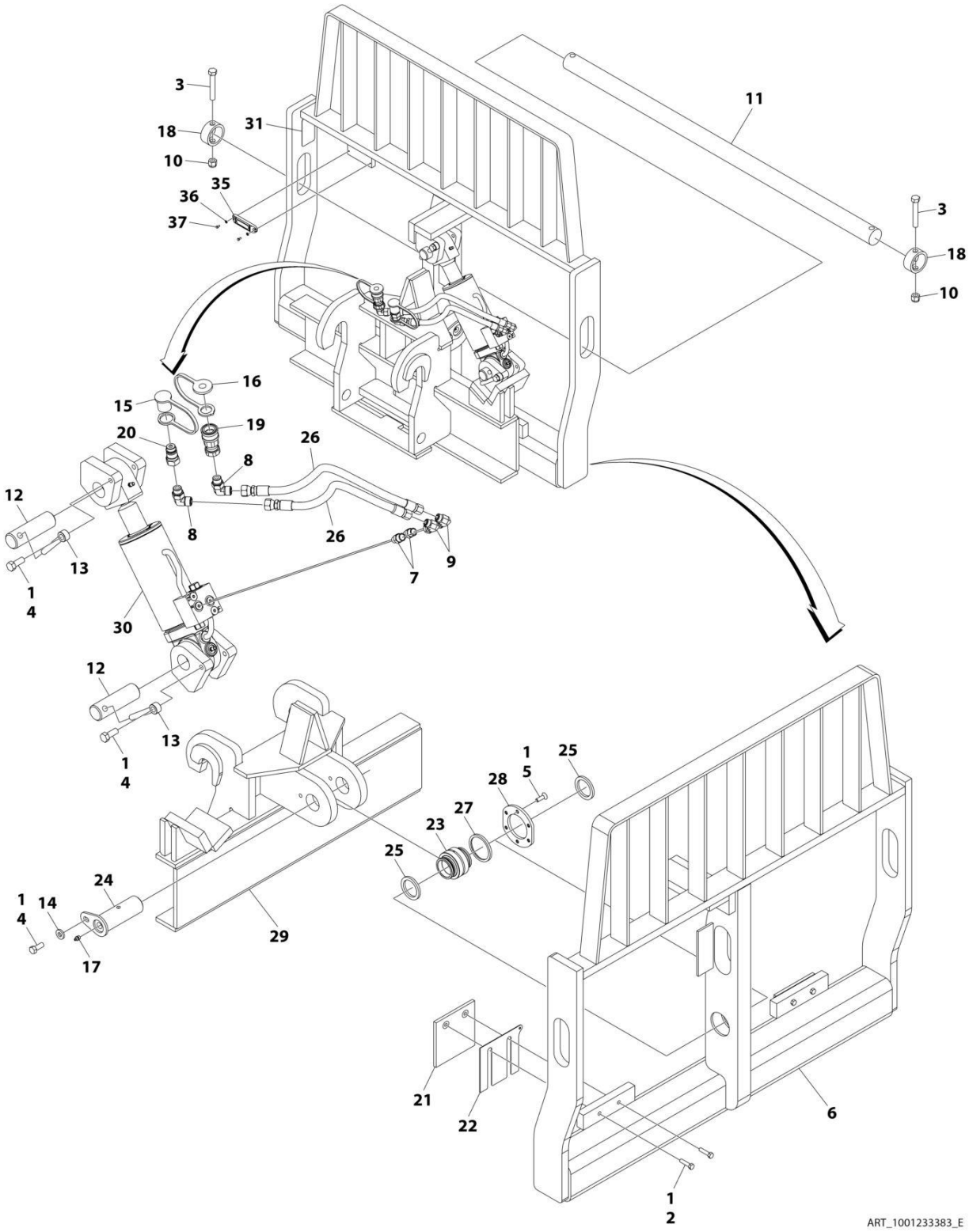


FIGURE 3-19. CARRIAGE ASSEMBLY - 50IN SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233383	NLA	SIDE TILT CARRIAGE ASSEMBLY (50 INCH) (No longer available, use item 1 to 37 for service or 1001277290 for replacement)	E
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	0642032	2	Bolt 5/8 x 4	
4	0681810	3	Bolt 1/2 x 1-1/4	
5	0741610	6	Screw 3/8 x 1.25	
6	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
7	2110606	2	Fitting, Straight ORFS	
8	2130808	2	Adapter, 90	
9	2172106	2	Fitting, 90 ORFS	
10	3300240	2	Nut 5/8	
11	3423275	1	Pin	
12	3423307	2	Pin	
13	3841203	2	Keeper	
14	4891800	1	Flatwasher	
15	8420053	1	Cap	
16	8420055	1	Plug	
17	88671001	1	Fitting, Grease	
18	90200003	2	Collar	
19	91403413	1	Fitting, Straight	
20	91403414	1	Fitting, Straight	
21	1001090063	2	Pad	
22	1001090064	AR	Shim	
23	1001090140	1	Bearing	
24	1001099113	1	Pin	
25	1001099115	2	Sleeve	
26	1001239734	2	Hose	
27	1001120914	1	Shim	
28	1001120915	1	Plate	
29	See Note	NSS	Carriage, Base Plate (Note: Purchase Complete Assembly)	
30	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
31	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
35	1001227670	1	Tag, RFID	
36	4811400	2	Washer M4	
37	0760405	2	Bolt M4 x 10	

FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN

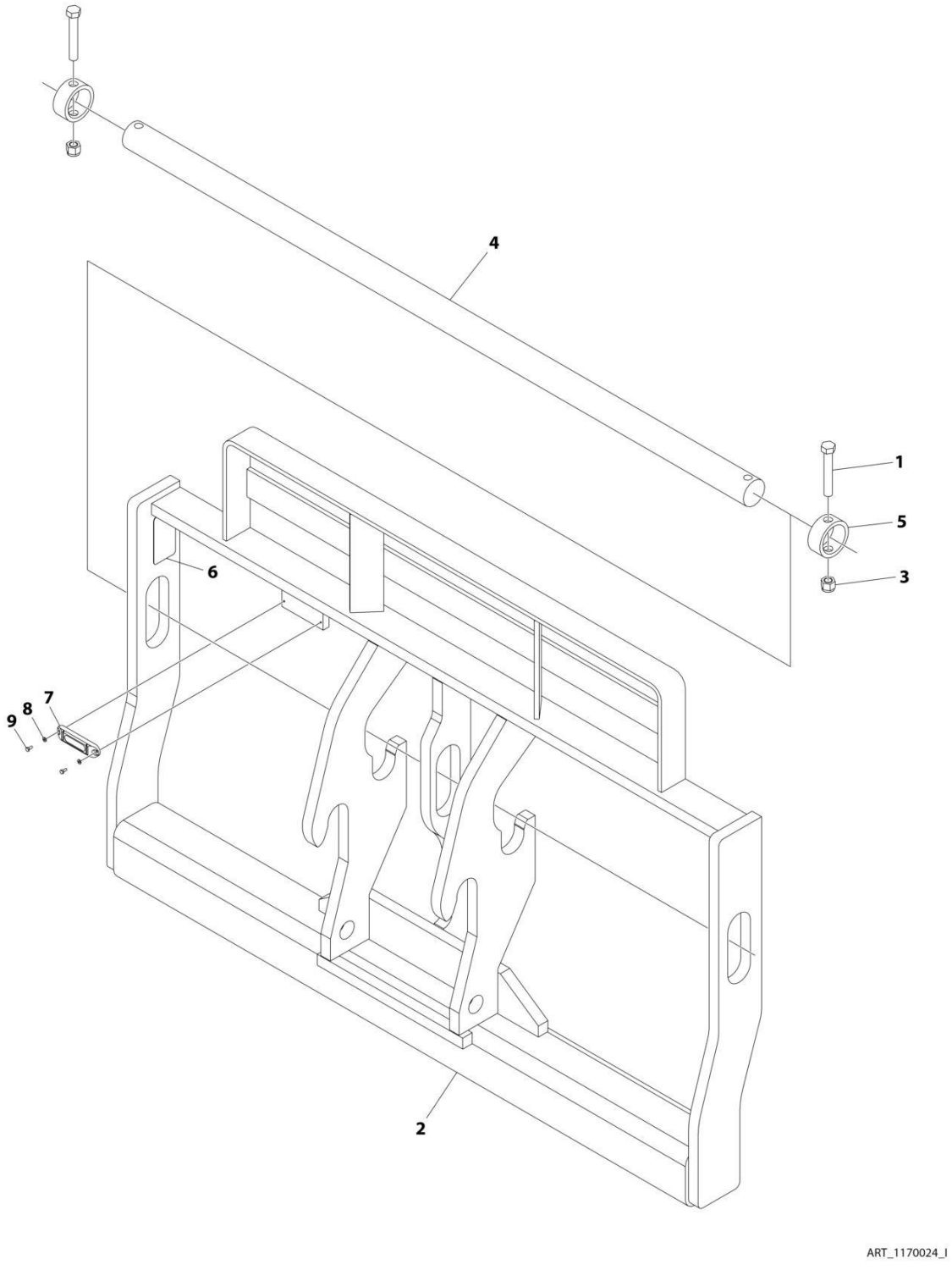


FIGURE 3-20. CARRIAGE ASSEMBLY - 60IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1170024	Ref	CARRIAGE ASSEMBLY (1524 MM)	I
1	0642032	2	Bolt 5/8 x 4	
2	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
3	3300240	2	Nut 5/8	
4	3423242	1	Pin	
5	90200003	2	Sleeve	
6	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
7	1001227670	1	Tag, RFID	
8	4811400	2	Washer M4	
9	0760405	2	Bolt M4 x 10	

FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN SIDE TILT

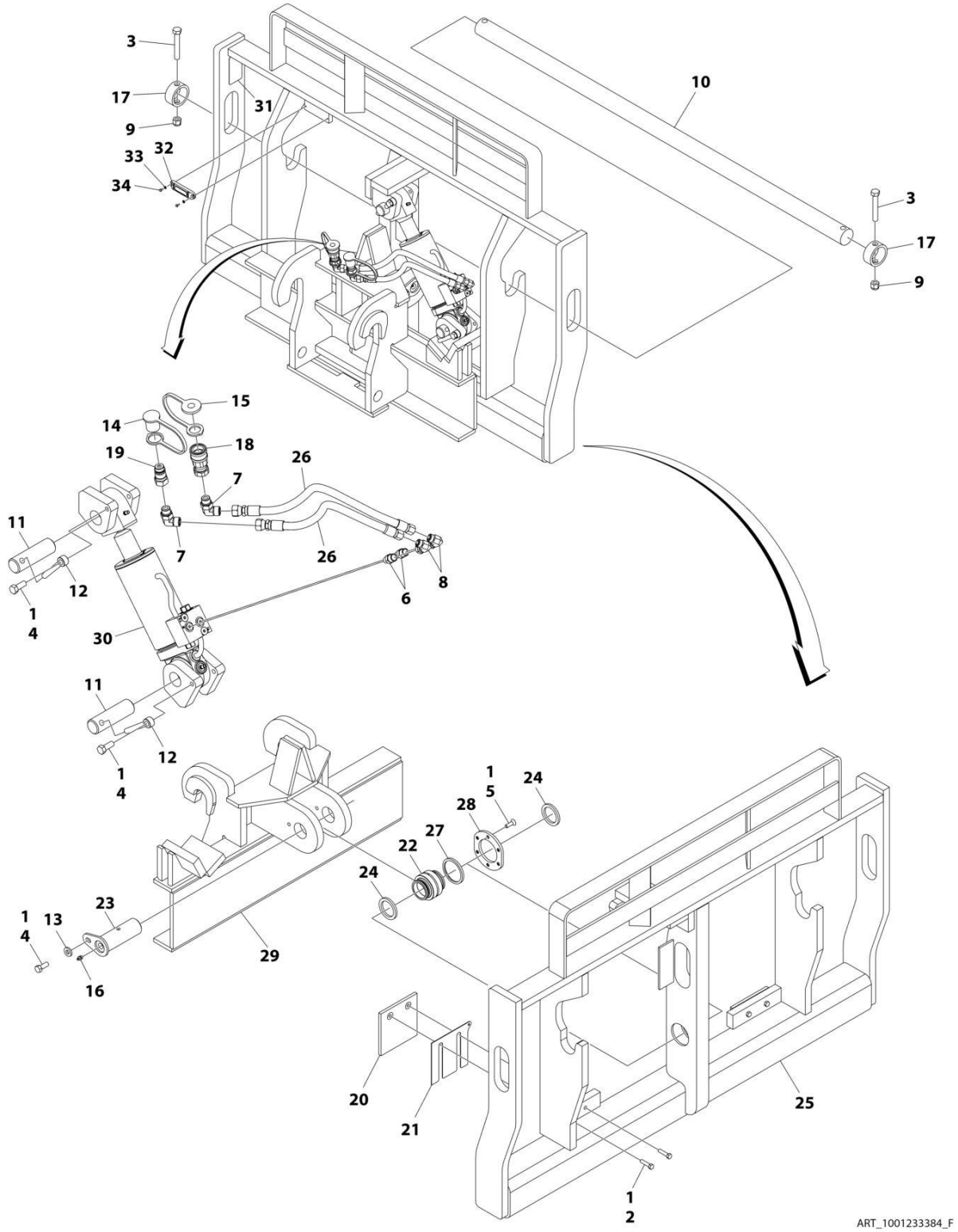


FIGURE 3-21. CARRIAGE ASSEMBLY - 60IN SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233384	Ref	SIDE TILT CARRIAGE ASSEMBLY (60 INCH)	F
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	0642032	2	Bolt 5/8 x 4	
4	0681810	3	Bolt 1/2 x 1-1/4	
5	0741610	6	Screw 3/8 x 1-1/4	
6	2110606	2	Fitting, Straight	
7	2130808	2	Adapter, 90	
8	2172106	2	Fitting, 90	
9	3300240	2	Nut 5/8	
10	3423242	1	Pin	
11	3423307	2	Pin	
12	3841203	2	Keeper	
13	4891800	1	Washer	
14	8420053	1	Cap	
15	8420055	1	Plug	
16	88671001	1	Fitting, Grease	
17	90200003	2	Collar	
18	91403413	1	Fitting, Straight	
19	91403414	1	Fitting, Straight	
20	1001090063	2	Pad	
21	1001090064	AR	Shim	
22	1001090140	1	Bearing	
23	1001099113	1	Pin	
24	1001099115	2	Sleeve	
25	See Note	NSS	Carriage, Side Tilt (Note: Purchase Complete Assembly)	
26	1001239734	2	Hose	
27	1001120914	1	Shim	
28	1001120915	1	Plate	
29	1001133072	1	Carriage, Base Pivot	
30	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
31	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
32	1001227670	1	Tag, RFID	
33	4811400	2	Washer M4	
34	0760405	2	Bolt M4 x 10	

FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN

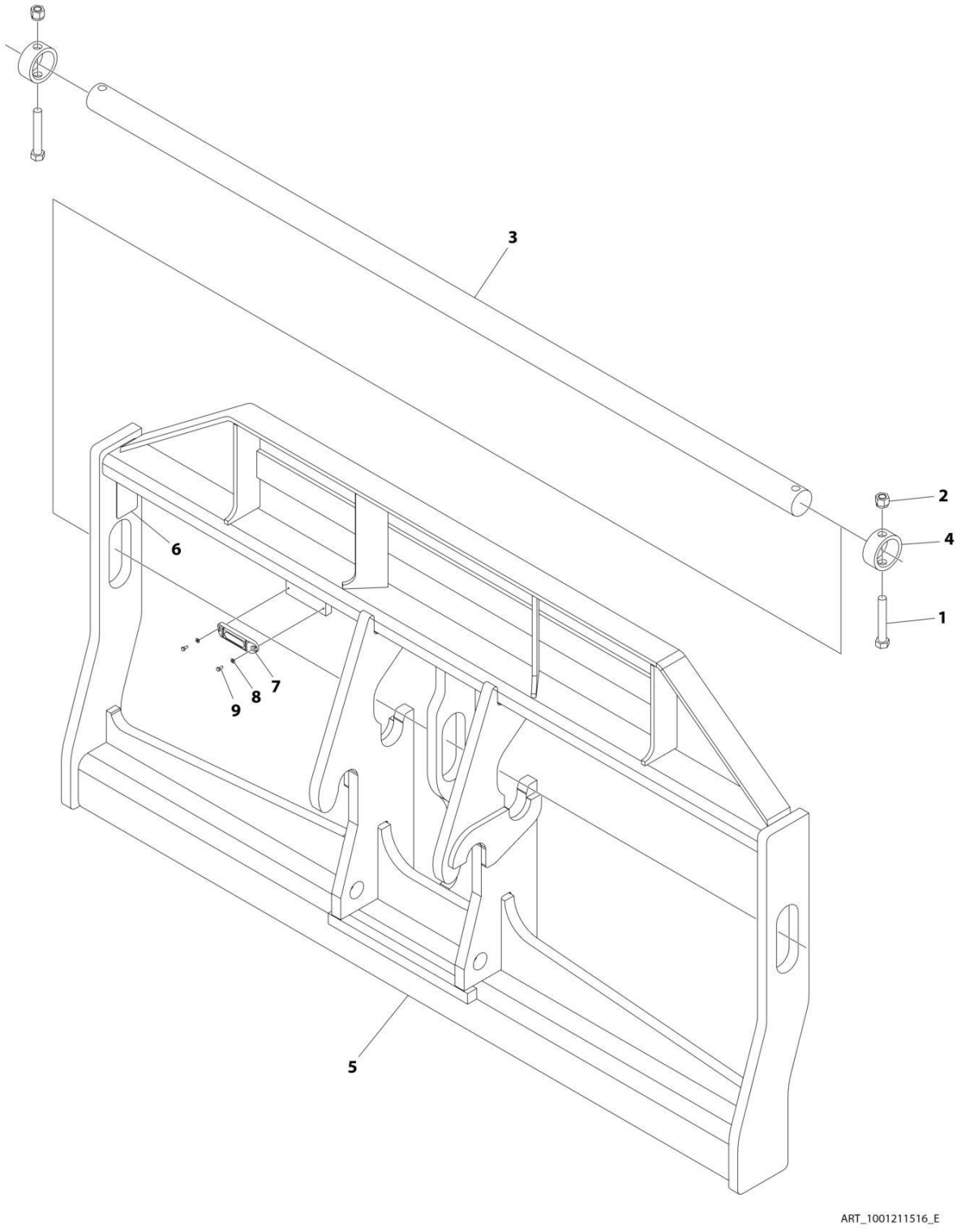


FIGURE 3-22. CARRIAGE ASSEMBLY - 72IN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001211516	Ref	CARRIAGE ASSEMBLY (72 INCH)	F
1	0642032	2	Bolt 5/8 x 4	
2	3300240	2	Nut 5/8	
3	3423276	1	Pin	
4	90200003	2	Sleeve	
5	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
6	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
7	1001227670	1	Tag, RFID	
8	4811400	2	Washer M4	
9	0760405	2	Bolt M4 x 10	

FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

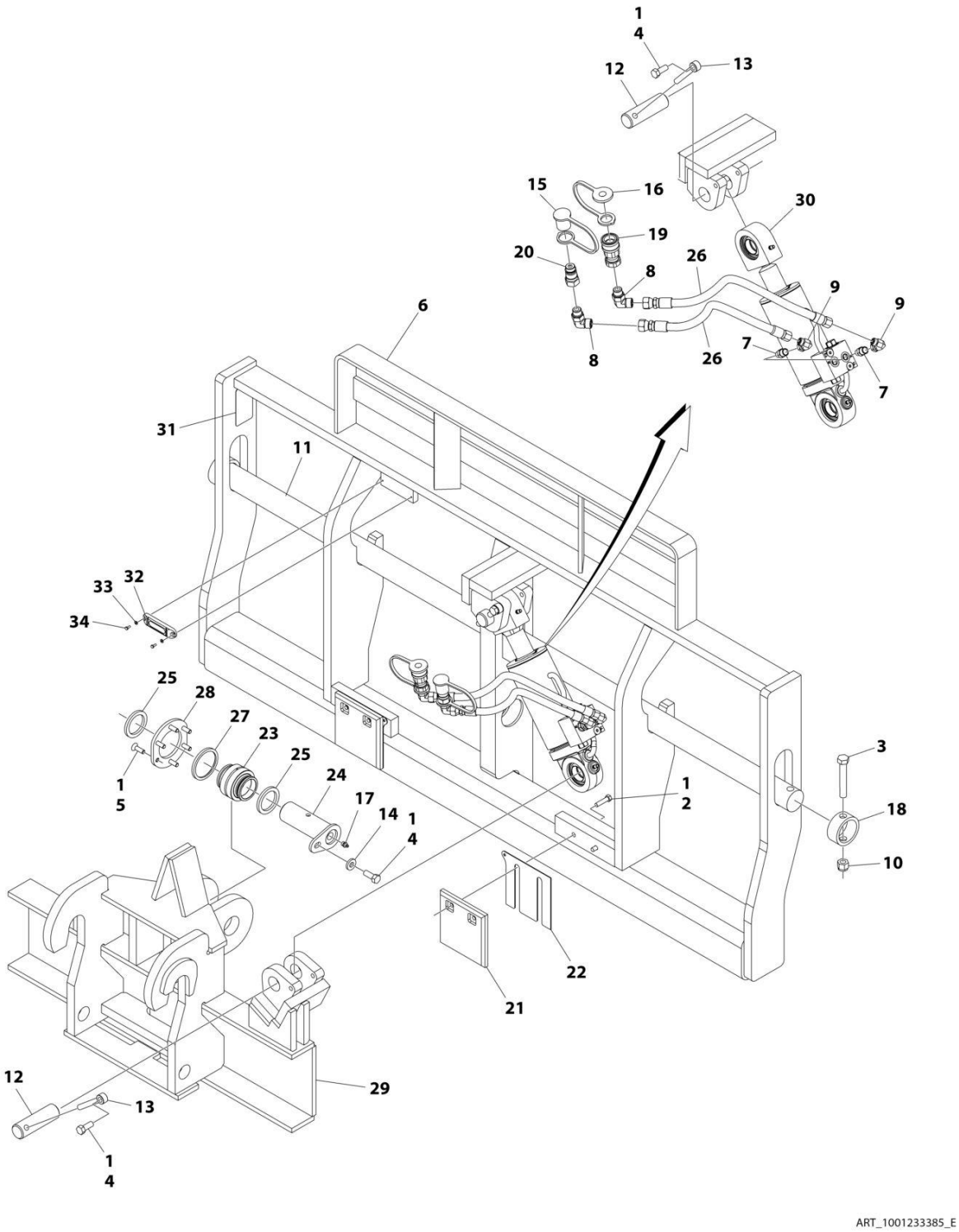


FIGURE 3-23. CARRIAGE ASSEMBLY - 72IN/12000# CAPACITY SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233385	NLA	SIDE TILT CARRIAGE ASSEMBLY (72 INCH) (No longer available, use item 1 to 34 for service or 1001276666 for replacement)	E
1	0100011	AR	Compound, Locking	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	0642032	2	Bolt 5/8 x 4	
4	0681810	3	Bolt 1/2 x 1-1/4	
5	0741610	6	Screw 3/8 x 1-1/4	
5	See Note	NSS	Carriage, Side Tilt (Note: Purchase Complete Assembly)	
7	2110606	2	Adapter, Straight	
8	2130808	2	Adapter, 90	
9	2172106	2	Adapter, 90	
10	3300240	2	Nut 5/8	
11	3423276	1	Pin, Fork	
12	3423307	2	Pin, Side Tilt Cylinder	
13	3841203	2	Keeper, Rod	
14	4891800	1	Washer 1/2	
15	8420053	1	Cap, Dust	
16	8420055	1	Plug, Dust	
17	88671001	1	Fitting, Grease	
18	90200003	2	Collar, Fork Pin	
19	91403413	1	Adapter	
20	91403414	1	Adapter	
21	1001090063	2	Pad, Wear	
22	1001090064	AR	Shim, Wear Pad	
23	1001090140	1	Bearing, Side Tilt Spherical	
24	1001099113	1	Pin, Side Tilt Frame Pivot	
25	1001099115	2	Sleeve, Tilt Bearing Spacer	
26	1001239734	2	Hose	
27	1001120914	1	Shim, Bearing Retainer	
28	1001120915	1	Plate, Bearing Retainer	
29	1001133072	1	Carriage, Base Pivot	
30	1001163414	1	Cylinder, Side Tilt (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
31	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
32	1001227670	1	Tag, RFID	
33	4811400	2	Washer M4	
34	0760405	2	Bolt M4 x 10	

FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN SWING

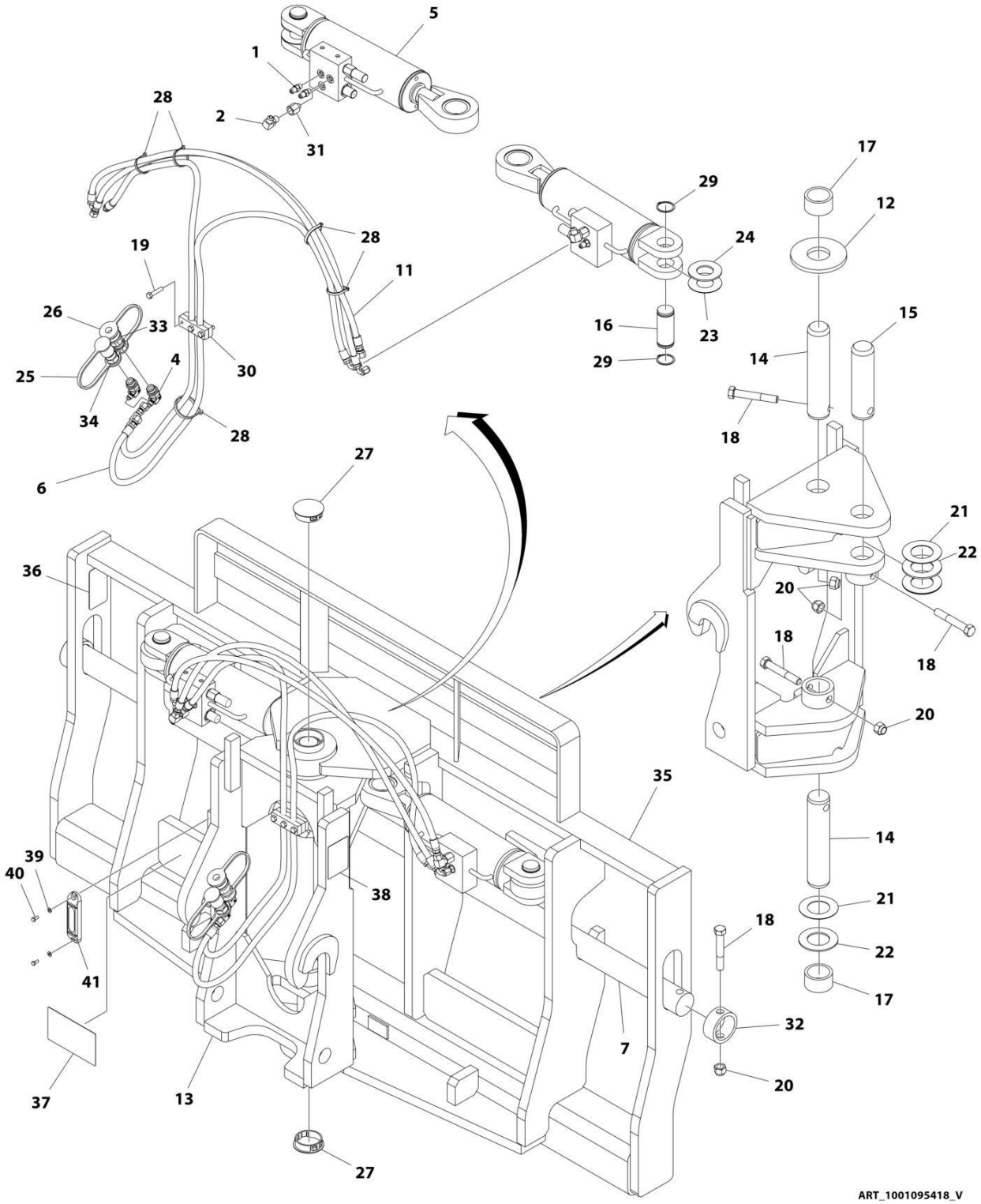


FIGURE 3-24. CARRIAGE ASSEMBLY - 72IN SWING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001095418	Ref	CARRIAGE ASSEMBLY - SWING (72 INCH)	V
1	2220415	4	Fitting, Straight ORFS	
2	2220473	2	Fitting, 90 ORFS	
4	1001211139	2	Adapter, 90	
5	1001103182	1	Swing Carriage Cylinder (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
6	2717287	2	Hose 58IN (Boom Front Disconnect)	
6	1001301599	1	Hose 66IN (Boom Side Disconnect)	
6	1001301600	1	Hose 46IN (Boom Side Disconnect)	
7	3423276	1	Pin	
11	6604662	2	Hose	
12	7062922	1	Washer	
13	See Note	NSS	Pivot (Note: Purchase Complete Assembly)	
14	7110702	2	Pin	
15	7110712	1	Pin	
16	7110722	2	Pin	
17	8065062	2	Bushing	
18	8303634	5	Bolt 5/8 x 4	
19	8303715	3	Bolt 5/16 x 1-1/2	
20	8305643	5	Nut 5/8	
21	8307904	AR	Washer	
22	8307918	AR	Washer	
23	8310160	AR	Washer	
24	8310161	AR	Washer	
25	8420053	1	Cap	
26	8420055	1	Plug	
27	8580315	2	Plug	
28	8584001	5	Tie Wrap	
29	8642207	4	Ring, Retaining	
30	8769132	2	Clamp	
31	8770016	2	Fitting, Straight ORFS	
32	90200003	2	Collar	
33	91403413	1	Fitting, Straight ORFS	
34	91403414	1	Fitting, Straight	
35	See Note	NSS	Carriage (Note: Purchase Complete Assembly)	
36	See Note	NSS	SN Plate (Note: Stamped Part - Not Available for Purchase)	
37	1001110704	1	Decal, Warning Crushing Hazard	
38	1001111190	2	Decal, Warning	
39	4811400	2	Washer M4	
40	0760405	2	Bolt M4 x 10	
41	1001227670	1	Tag - RFID	

FIGURE 3-25. FORK 1.75X7X60 - DUAL TAPERED 5400#

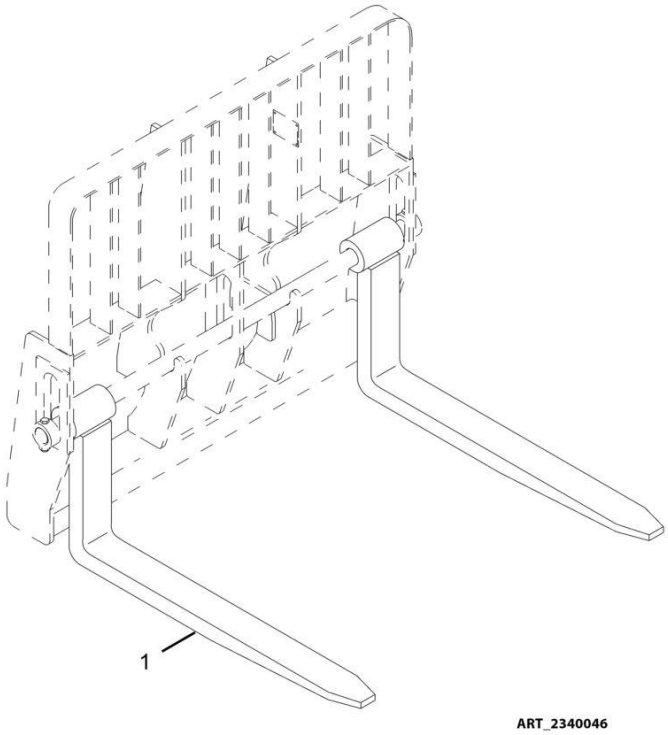


FIGURE 3-25. FORK 1.75X7X60 - DUAL TAPERED 5400#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340046	2	Dual Taper Fork (60X7X1.75)	
N1	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.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-26. FORK 2X2X48 - CUBING/BLOCKING 1940#

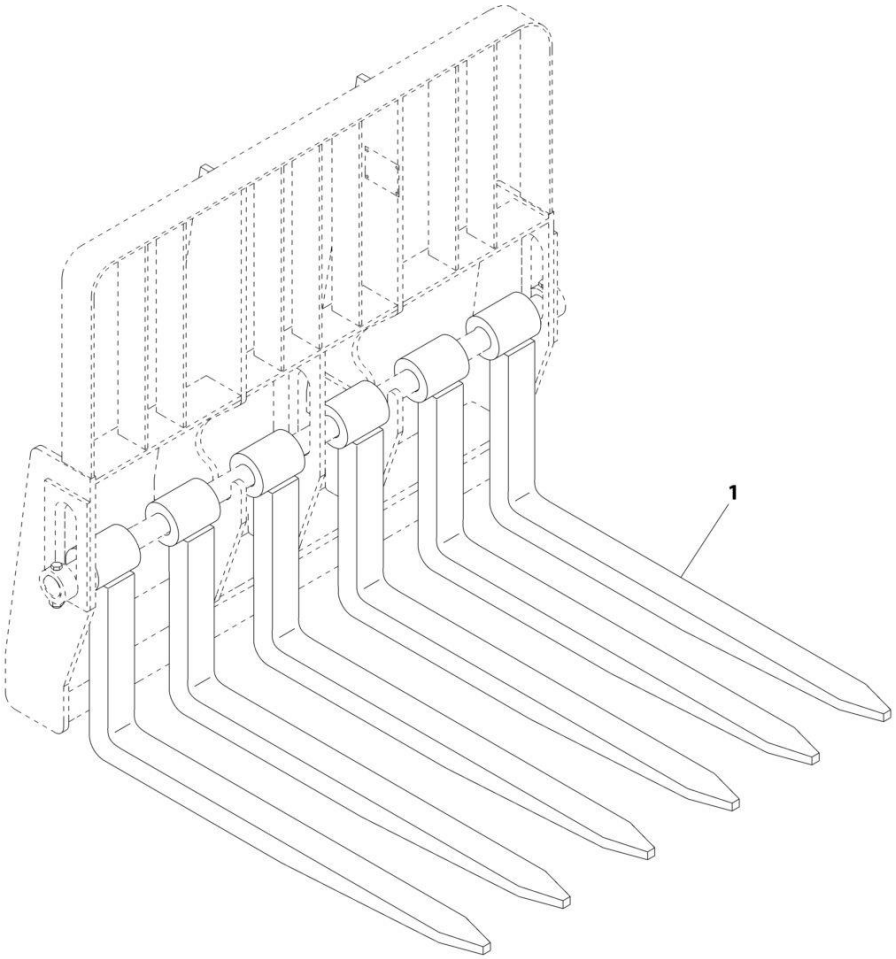


FIGURE 3-26. FORK 2X2X48 - CUBING/BLOCKING 1940#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340037	1	Cubing Fork (2.00X2X48)	A
	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-27. FORK 2X6X72 - DUAL TAPERED 6613#

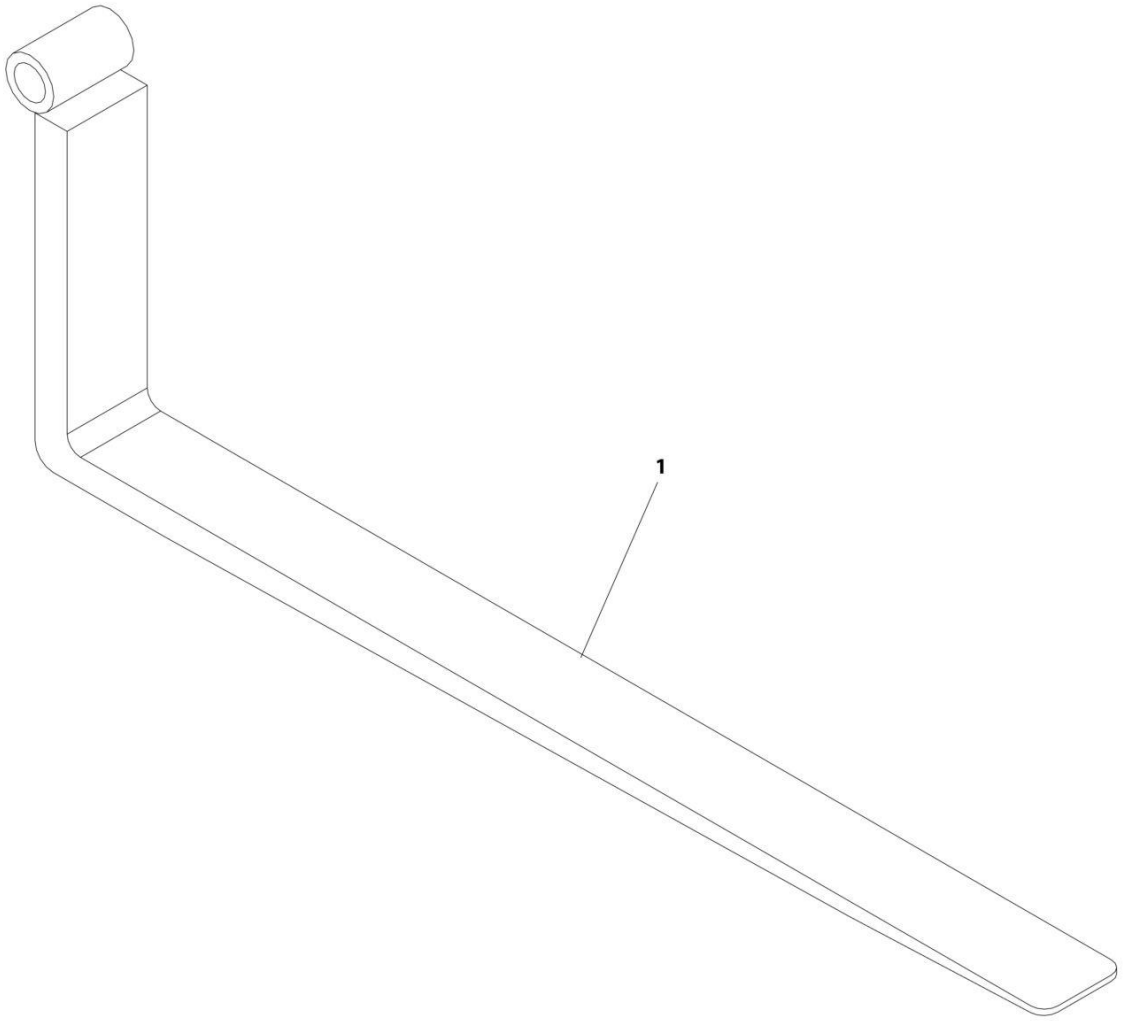


FIGURE 3-27. FORK 2X6X72 - DUAL TAPERED 6613#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001259206	2	Dual Taper Fork (2.00X6X72)	A
	Note	Ref	FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.	
	Note	Ref	PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.	

FIGURE 3-28. FORK 2.36X4X48 PALLET 5000#

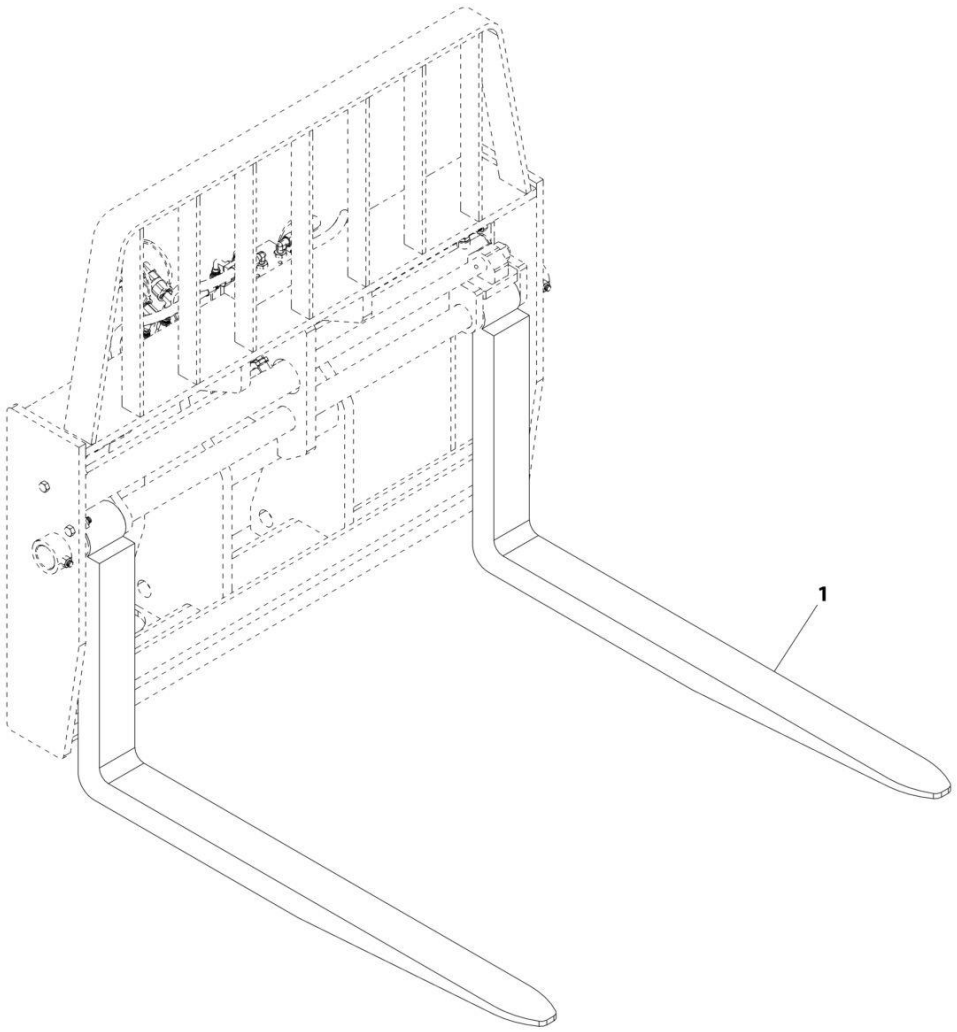


FIGURE 3-28. FORK 2.36X4X48 PALLET 5000#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	7301408	2	Pallet Fork (2.36X4X48)	D
N1	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.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-29. FORK 2.36X4X48 PALLET 5475#

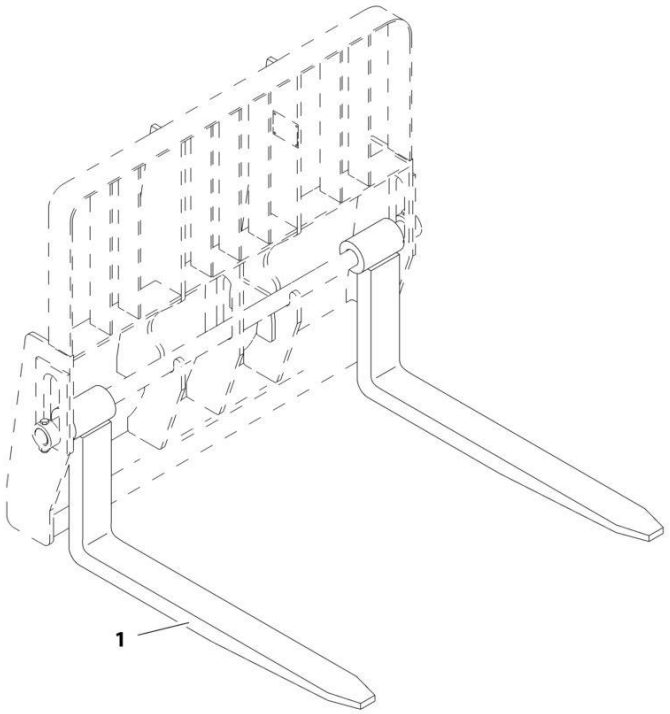


FIGURE 3-29. FORK 2.36X4X48 PALLET 5475#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340045	2	Pallet Fork (2.36X4X48)	
	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-30. FORK 2.36X4X60 PALLET 5000#

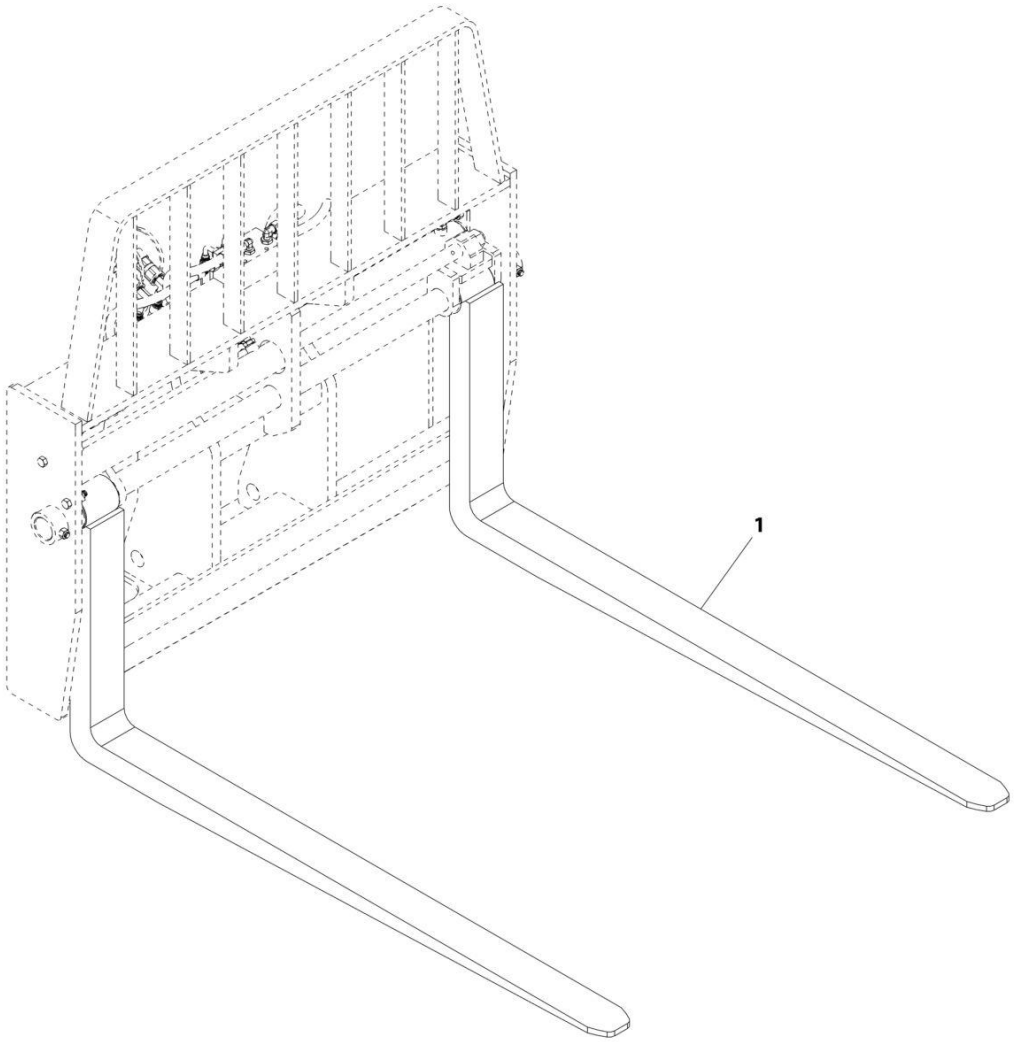


FIGURE 3-30. FORK 2.36X4X60 PALLET 5000#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001227379	2	Pallet Fork (2.36X4X60)	A
N1	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.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-31. FORK 2.36X5X48 PALLET 6850#

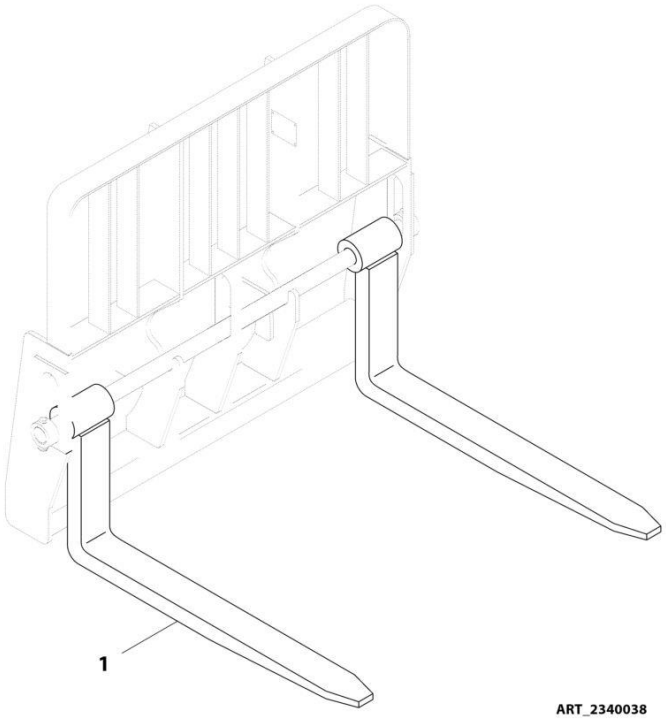


FIGURE 3-31. FORK 2.36X5X48 PALLET 6850#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340038	2	Pallet Fork (2.36X5X48)	B
	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-32. FORK 2.36X5X60 PALLET 6850#

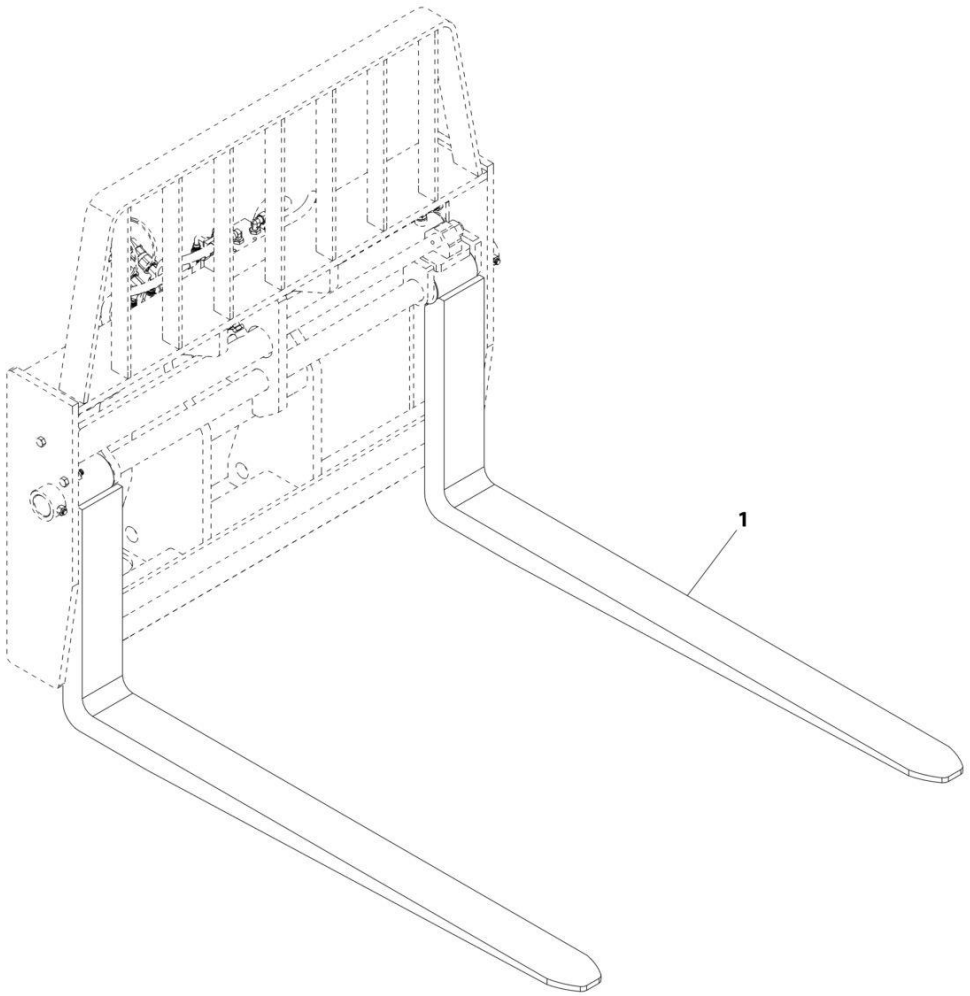
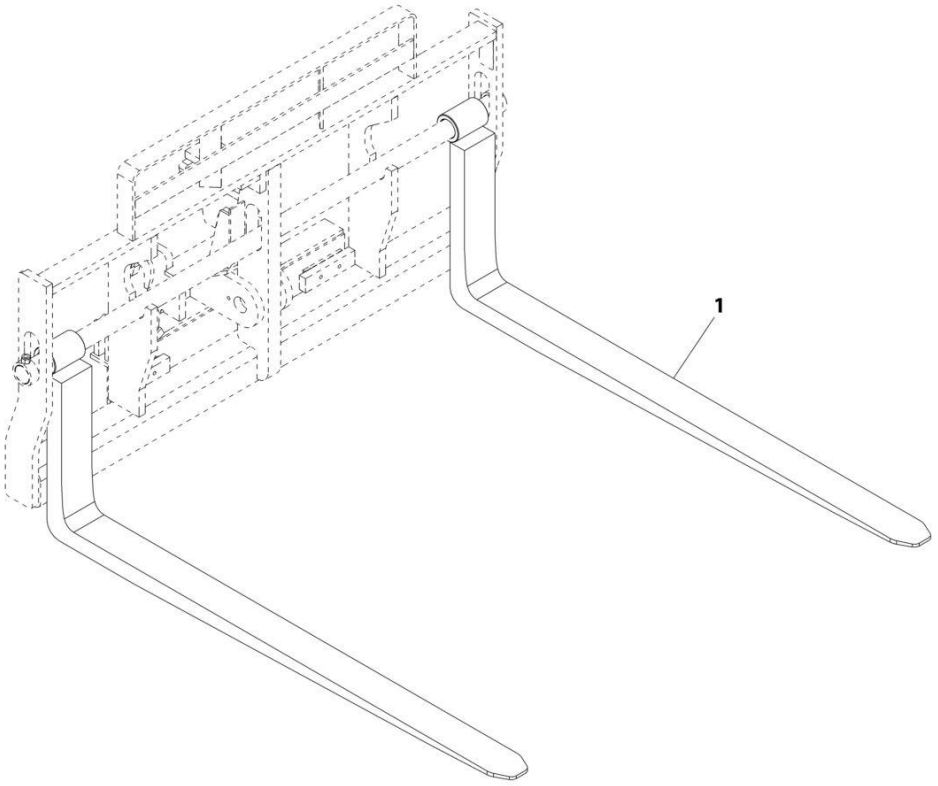


FIGURE 3-32. FORK 2.36X5X60 PALLET 6850#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001227382	1	Pallet Fork (2.36X5X60)	A
N1	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.**	
N2	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-33. FORK 2.36X5X72 PALLET 6850#



ART_1001232355

FIGURE 3-33. FORK 2.36X5X72 PALLET 6850#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232355	1 pr	Pallet Fork (2.36X5X72)	A
	Note	Ref	**FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASES CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.**	
	Note	Ref	**PLEASE CONSULT JLG PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.**	

FIGURE 3-34. FORK 2.36X6X60 PALLET 6850#

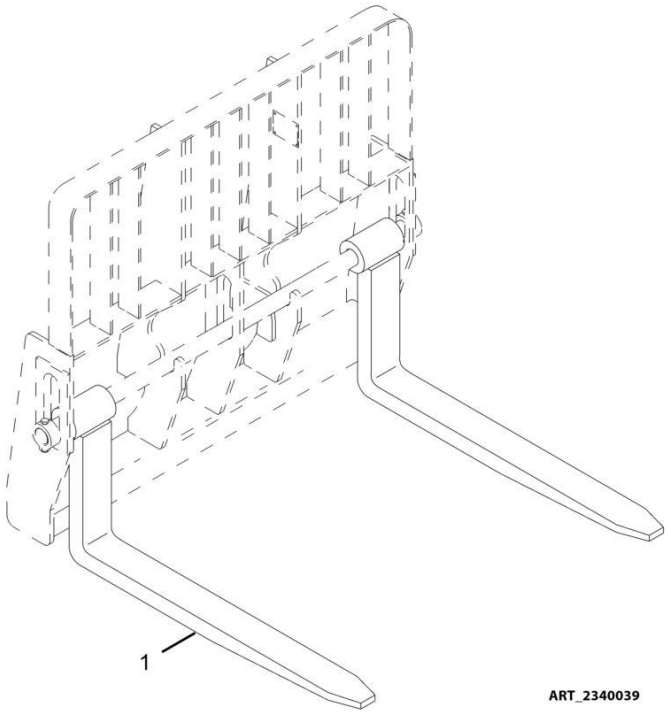


FIGURE 3-34. FORK 2.36X6X60 PALLET 6850#

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	2340039	2	Lumber Fork (60X150X1524)	
	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 3-35. FORK EXTENSION (90 INCH)

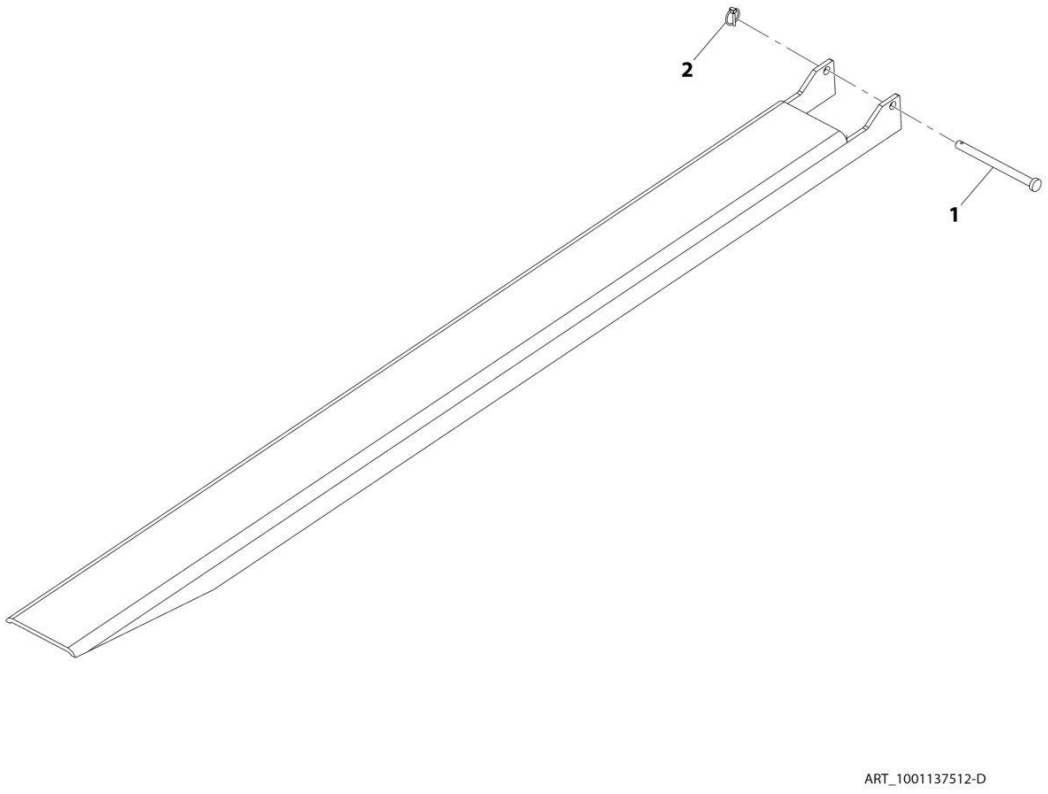
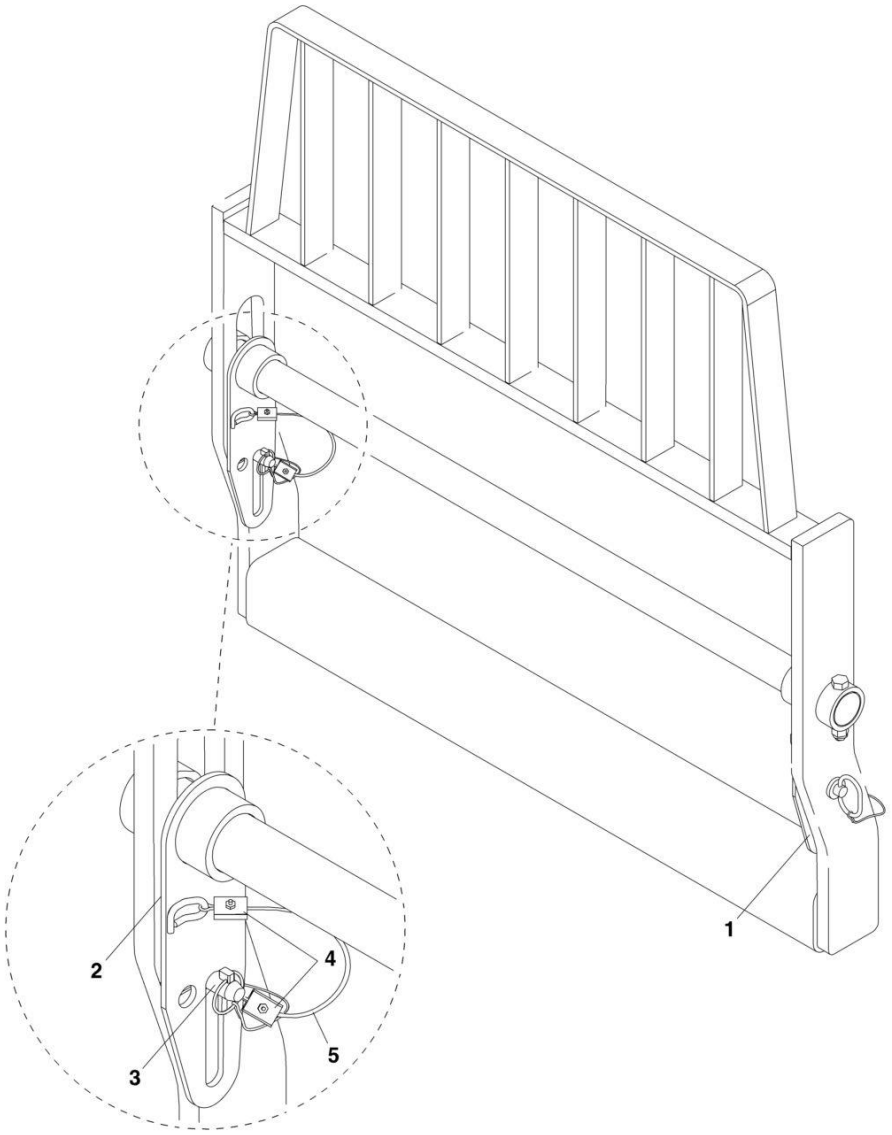


FIGURE 3-35. FORK EXTENSION (90 INCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001137512	2 pr	Fork Extensions (62X163X2286)	D
1	70024306	1	Pin	
2	70024307	1	Clip	

FIGURE 3-36. FORK PIN LOCK INSTALLATION



ART_1001093465_B

FIGURE 3-36. FORK PIN LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001093465	Ref	Fork Pin Lock Installation	B
1	0240156	1	Lock, LH Fork Pin	
2	1001093273	1	Lock, RH Fork Pin	
3	1001093377	2	Pin, Hitch	
4	1001094830	4	Clamp	
5	1001094330	2	Lanyard	

FIGURE 3-37. HOOK - COUPLER MOUNTED

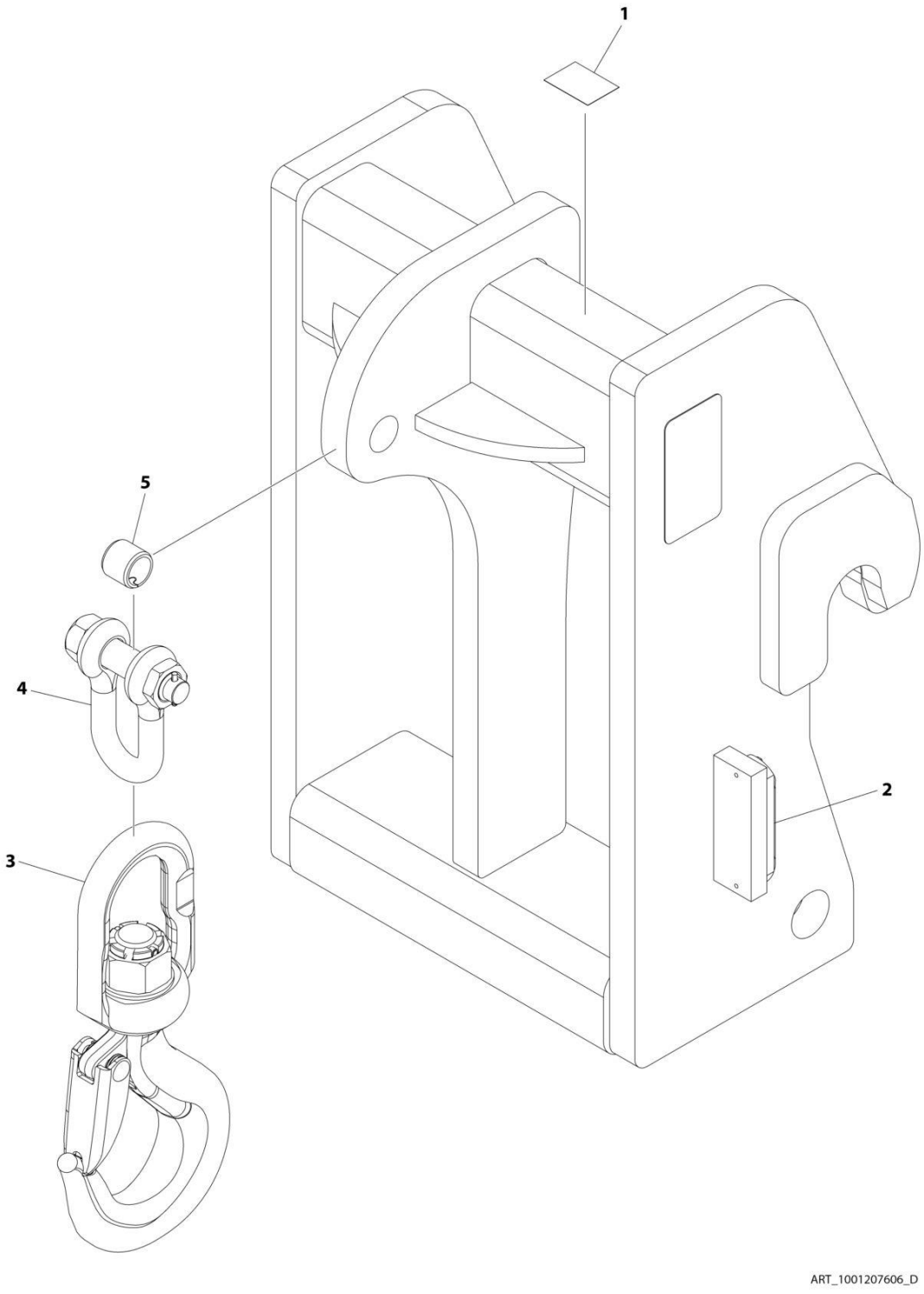


FIGURE 3-37. HOOK - COUPLER MOUNTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207606	Ref	COUPLER MOUNTED HOOK	E
1	90554016	1	Decal	
2	1001227670	1	Tag, RFID	
3	70026745	1	Hook Swivel	
4	70026746	1	Shackle Chain	
5	70020555	1	Bushing	

FIGURE 3-38. HOOK - FORK MOUNTED

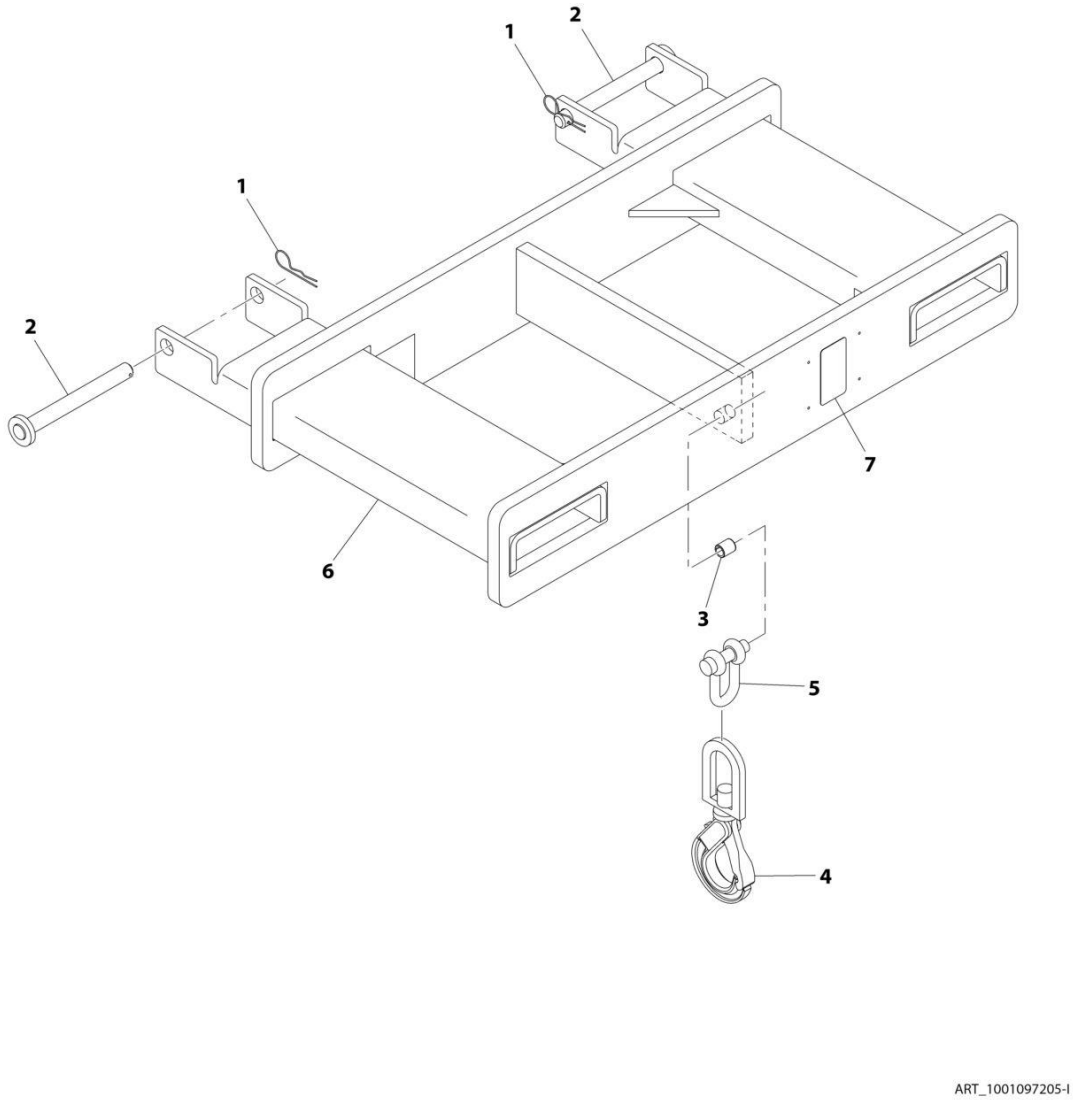
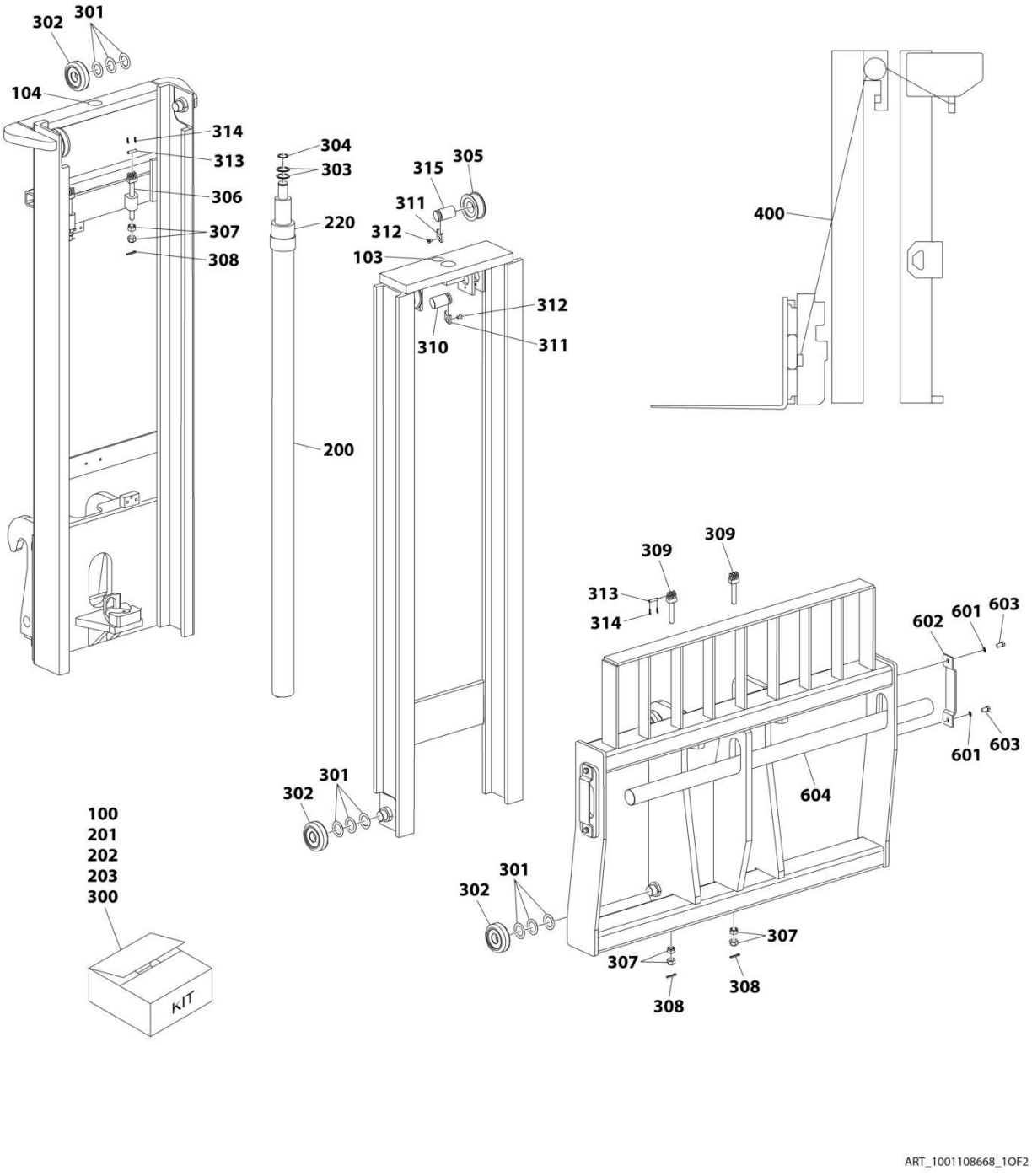
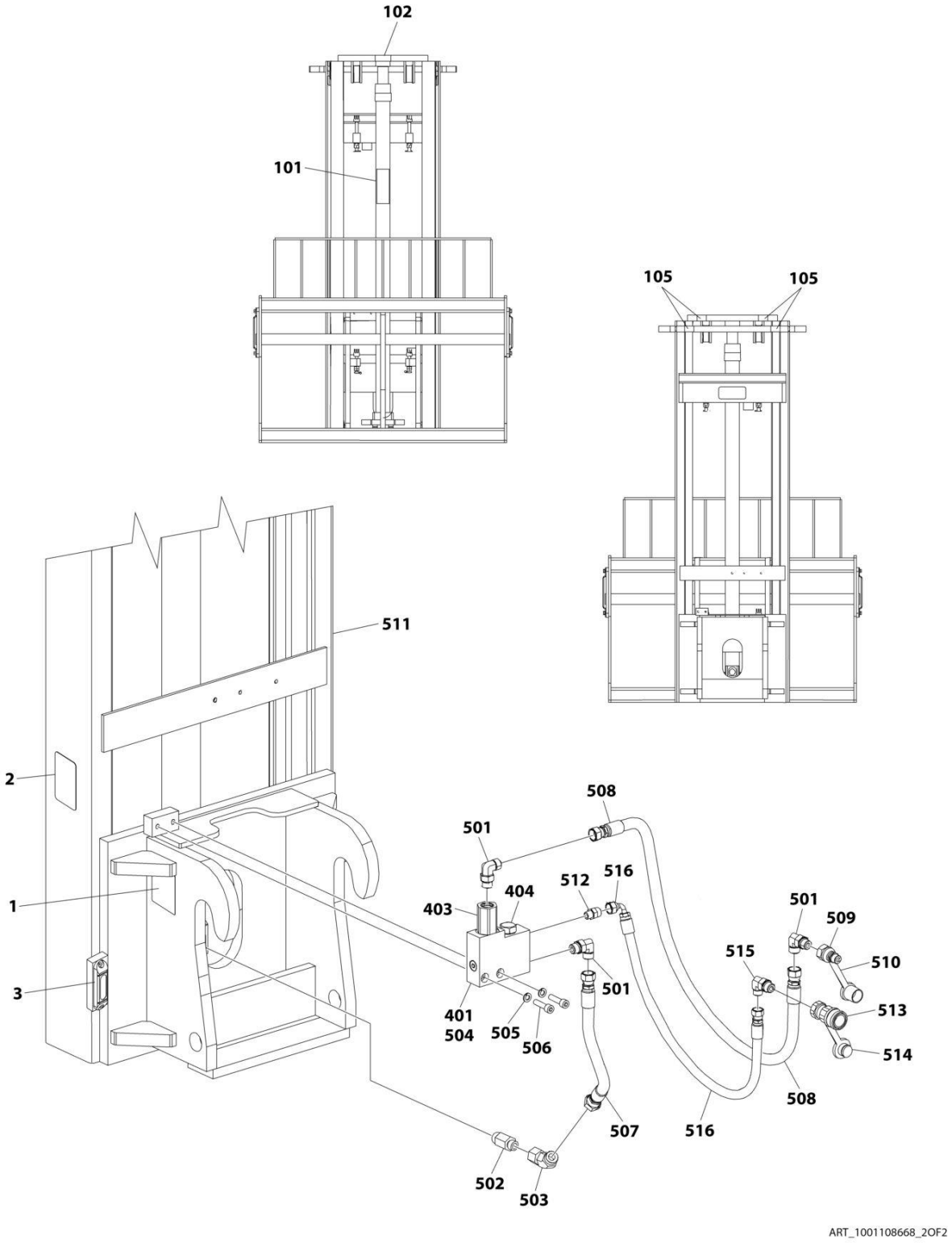


FIGURE 3-38. HOOK - FORK MOUNTED

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 3-39. MAST (8 FOOT)




102
101
105
105
511
2
1
3
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501
404
403
512
516
501
509
515
510
501
513
401
504
505
506
514
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507
516
502
503
ART_1001108668_2OF2

FIGURE 3-39. MAST (8 FOOT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108668	Ref	MAST ASSEMBALY - 8FT	G
1	See Note	NSS	Nameplate, Serial Number (Note: Not Available for Purchase)	
2	1001111190	2	Decal - Warning	
3	1001227670	1	RFID Tag	
100	70023925	1	Decal Kit (includes items 1, Warning, No Step & Hose Routing Decals)	
101	See Note	NSS	Decal, Warning (Use Item 100)	
102	See Note	NSS	Decal, Warning (Use Item 100)	
103	See Note	NSS	Decal, No Step (Use Item 100)	
104	See Note	NSS	Decal, No Step (Use Item 100)	
105	See Note	NSS	Decal, Hands Off (Use Item 100)	
200	70023008	1	Cylinder Assembly - Lift (includes items 201-203 & 220. No Other Service Parts Available)	
201	70023005	1	Seal Kit - 70023008 Cylinder (includes Seals & Seal Retaining Hardware)	
202	70023006	1	Check Valve Kit (includes Mounting O-Rings & Hardware)	
203	70023007	1	Shim Kit (Includes items 303)	
220	70023004	1	Head/Retainer	
300	70023015	1	Mast Kit (includes items 100 & 301-315)	
301	70023014	24	Shim	
302	70022987	8	Bearing, Ball	
303	See Note	NLA	Shim (Note: Use item 203)	
304	70023016	1	Ring, Retaining	
305	70022969	2	Sheave	
306	70022960	2	Anchor, Chain	
307	70022957	8	Nut 5/8	
308	70022993	4	Pin, Cotter	
309	70022995	2	Anchor, Chain	
310	70022984	1	Shaft, Sheave	
311	70022970	2	Bar	
312	70023003	2	Screw	
313	70022994	4	Pin	
314	70022992	8	Pin, Cotter	
315	70022985	1	Shaft, Sheave	
400	70023009	2	Chain, Hoist	
401	70022932	1	Valve Assembly - Lowering Control	
403	70022931	1	Cartridge, Valve	
404	70023010	1	Cartridge, Vavle	
501	70022934	3	Fitting, 90	
502	70022936	1	Fitting, Flow Limiter	
503	70022937	1	Fitting, 45	
504	70022932	1	Valve Assembly - Lowering Control (Note: Duplicate of Item 401 - Only Qty 1 Used)	
505	70022949	2	Washer, M10	
506	70022950	2	Bolt M10	
507	70022942	1	Hose	
508	70022952	1	Hose	
509	91403414	1	Fitting, Quick Disconnect Coupling (Male)	
510	91043126	1	Cap, Dust	
511	70023015	1	Mast Kit (Note: Duplicate of Item 300 - Only Qty 1 Used)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
512	70022939	1	Fitting, Straight	
513	91403413	1	Fitting, Quick Disconnect Coupling (Female)	
514	91043125	1	Cap, Dust	
515	70022935	1	Fitting, 90	
516	70022946	1	Hose	
601	70022949	4	Washer M10	
602	70022980	2	Keeper, Pin	
603	70022998	4	Bolt M10 x 20	
604	70022990	1	Pin, Fork	

FIGURE 3-40. SHEET MATERIAL HANDLER INSTALLATION

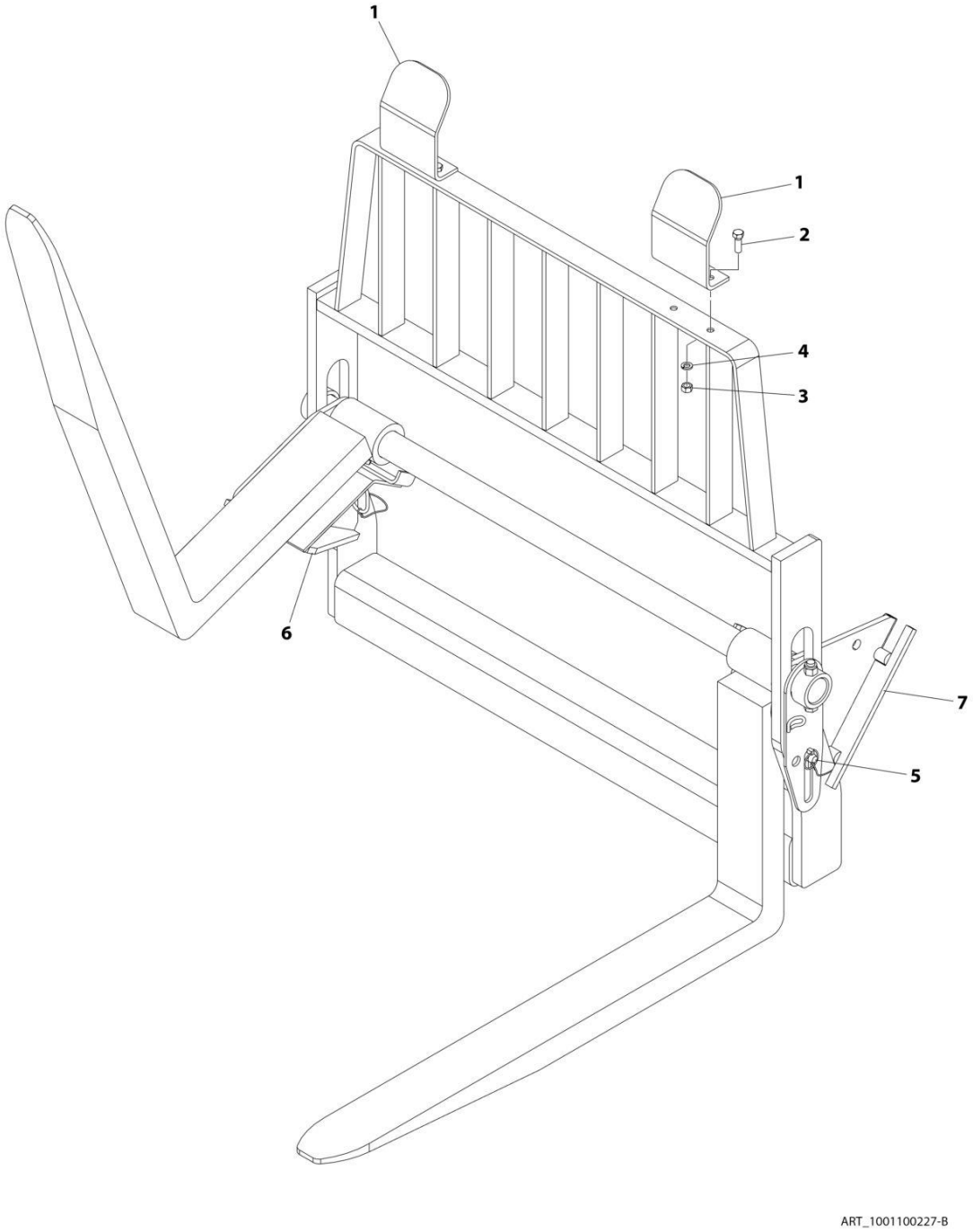
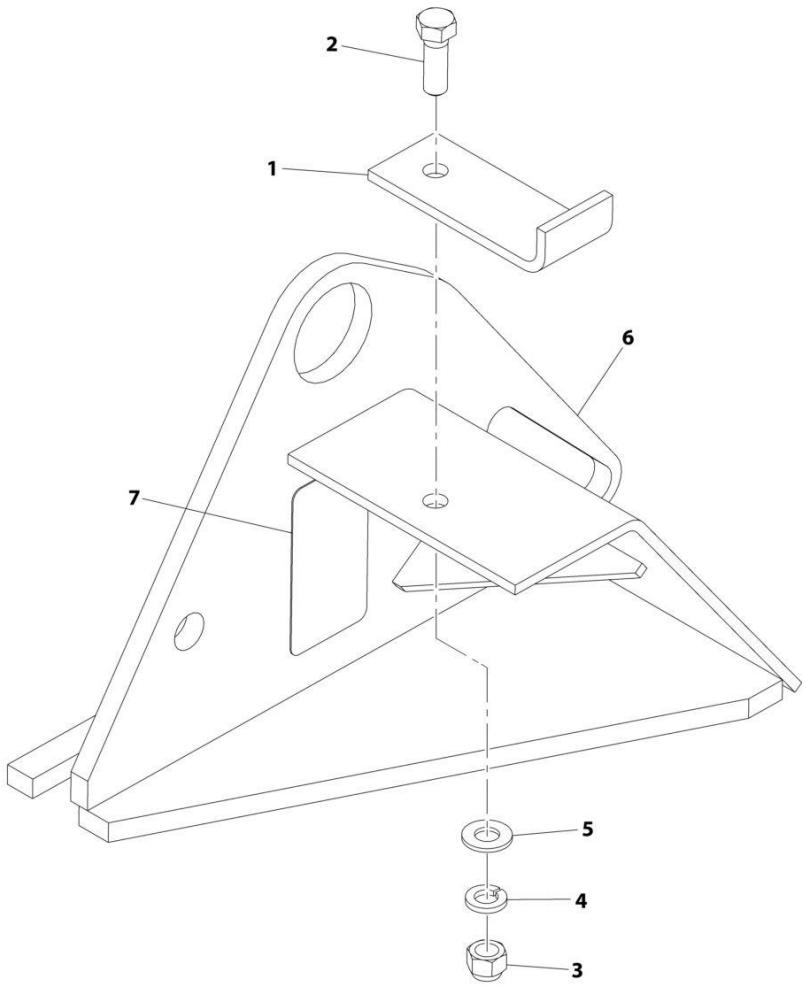


FIGURE 3-40. SHEET MATERIAL HANDLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100227	Ref	Sheet Material Handler Installation	B
1	7112642	2	Extension, Backrest	
2	8303626	4	Bolt, 1/2-13X1-1/2	
3	8305012	4	Nut, 1/2-13	
4	8307007	4	Washer, Lock 1/2	
5	1001093377	2	Pin, Hitch	
6	1001101115	1	Assembly, RH Fork Support (See Separate Breakdown in this Section)	
7	1001101116	1	Assembly, LH Fork Support (See Separate Breakdown in this Section)	

FIGURE 3-41. SHEET MATERIAL HANDLE FORK SUPPORT ASSEMBLY (LH)

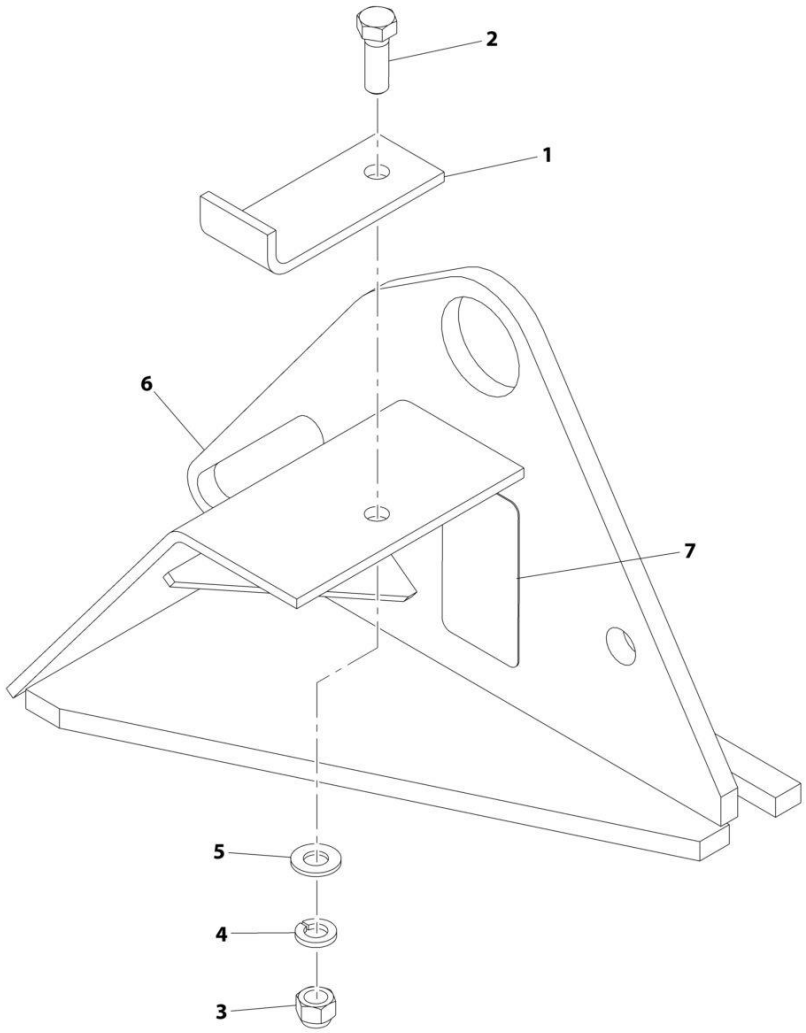


ART_1001101116-E

FIGURE 3-41. SHEET MATERIAL HANDLE FORK SUPPORT ASSEMBLY (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101116	Ref	LH Fork Support Assembly	E
1	7114941	1	Bar, Lock	
2	8303626	1	Bolt, 1/2-13X1-1/2	
3	8305644	1	Nut, Lock 1/2-13	
4	8307007	1	Washer, Lock 1/2	
5	8307112	1	Washer, 1/2	
6	1001100229	1	Support, LH Fork	
7	N.S.S.	1	S/N Plate	

FIGURE 3-42. SHEET MATERIAL HANDLE FORK SUPPORT ASSEMBLY (RH)



ART_1001101115-D

FIGURE 3-42. SHEET MATERIAL HANDLE FORK SUPPORT ASSEMBLY (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101115	Ref	RH Fork Support Assembly	D
1	7114941	1	Bar, Lock	
2	8303626	1	Bolt, 1/2-13X1-1/2	
3	8305644	1	Nut, Lock 1/2-13	
4	8307007	1	Washer, Lock 1/2	
5	8307112	1	Washer, 1/2	
6	1001100228	1	Support, RH Fork	
7	N.S.S.	1	S/N Plate	

FIGURE 3-43. SWEEPER ASSEMBLY

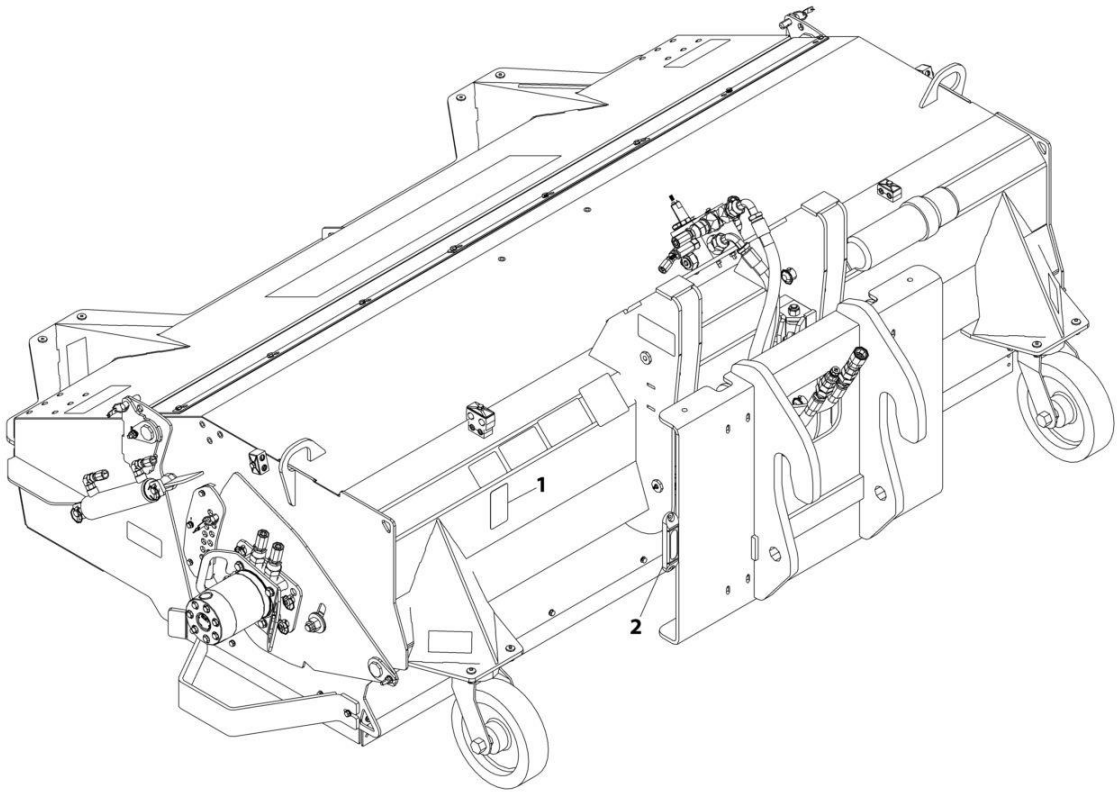


FIGURE 3-43. SWEEPER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	Sweeper Assembly	D
1	See Note	NSS	S/N Plate (Note: Stamped Part - Not Available for Purchase)	
2	1001227670	1	Tag, RFID	
		Ref	Sweeper Assembly- Hopper (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Body (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Motor (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Idler (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Core (See Separate Breakdown in this Section)	
		Ref	Sweeper Assembly - Hydraulic Single Motor (See Separate Breakdown in this Section)	

FIGURE 3-44. SWEEPER - HOPPER ASSEMBLY

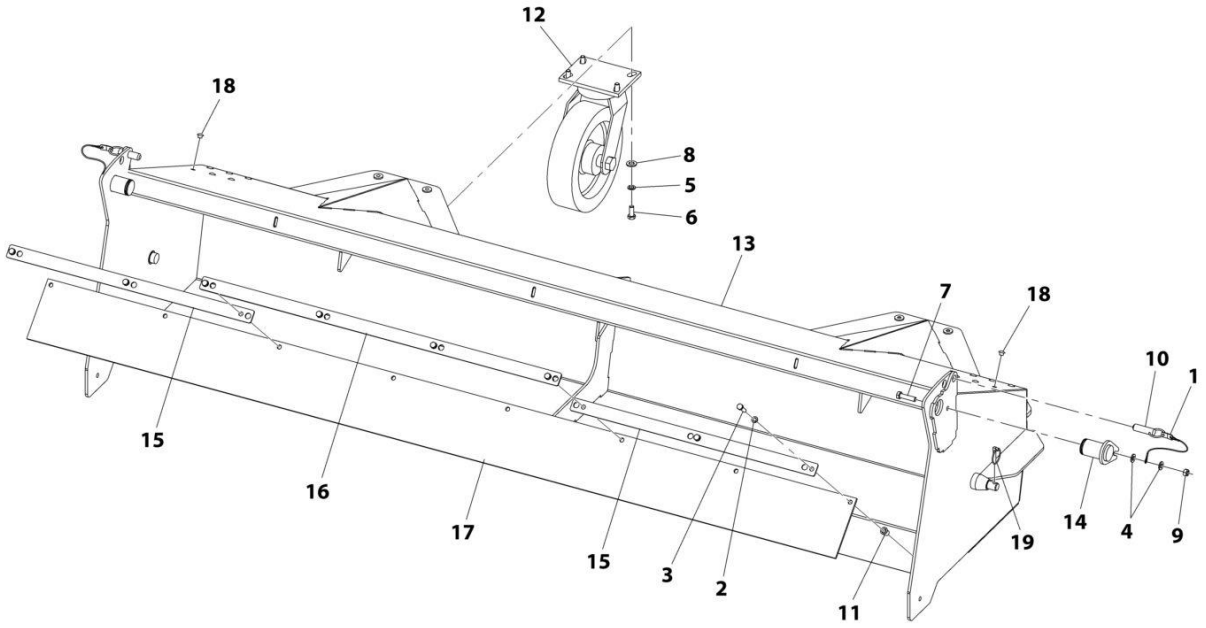


FIGURE 3-44. SWEEPER - HOPPER ASSEMBLY

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

FIGURE 3-45. SWEEPER - BODY ASSEMBLY

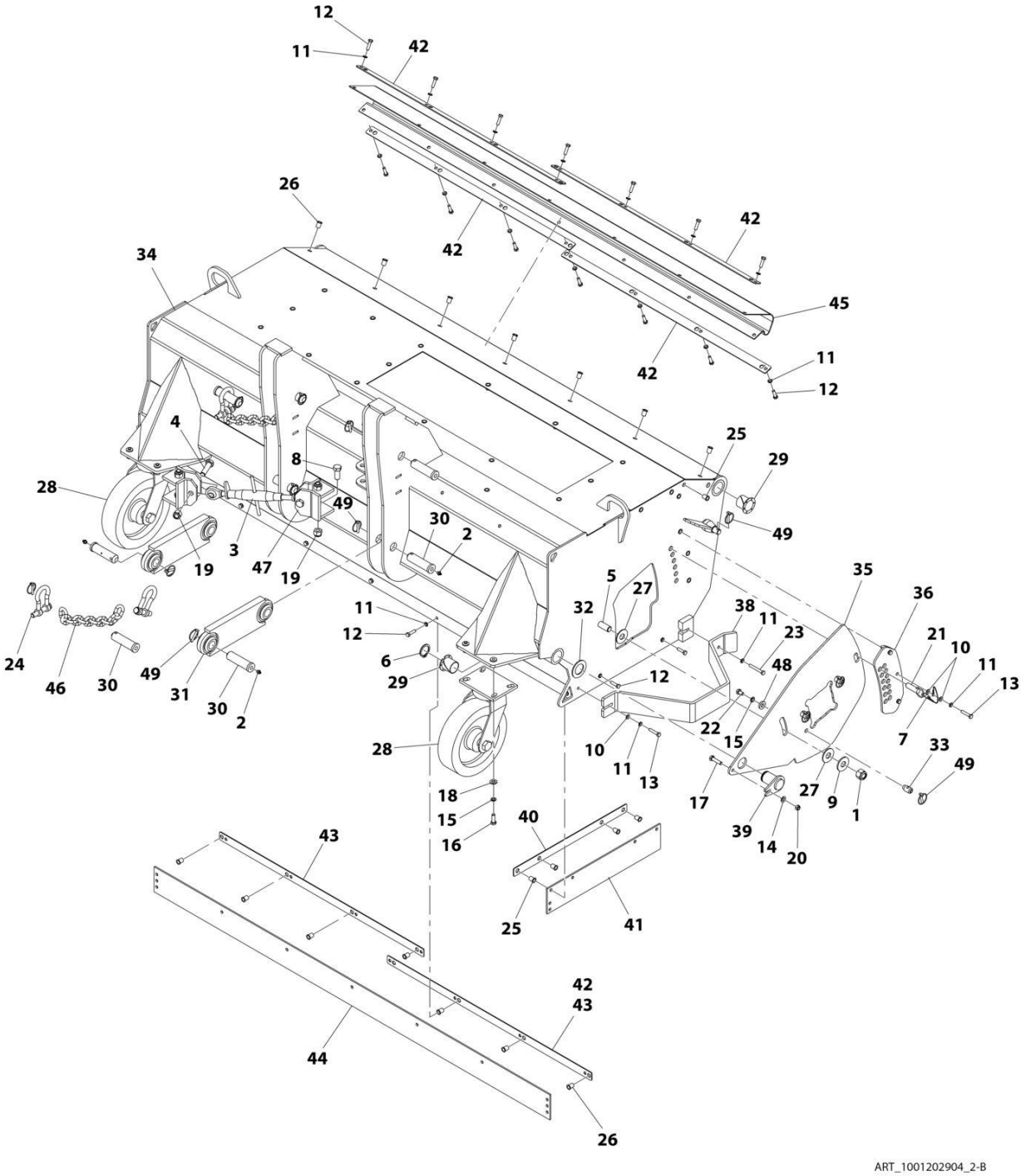


FIGURE 3-45. SWEEPER - BODY ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - BODY	
1	70029720	2	Nut	
2	70029721	4	Fitting, Grease	
3	70029722	1	Toplink	
4	70029723	2	Screw	
5	70020004	2	Screw	
6	70029724	2	Ring, Snap	
7	70029725	2	Lanyard	
8	70029726	4	Screw	
9	70029728	2	Washer	
10	70029732	6	Washer	
11	70029734	38	Washer	
12	70029735	32	Screw	
13	70029736	4	Screw	
14	70029738	2	Washer	
15	70029739	14	Washer	
16	70029741	8	Screw	
17	70029742	2	Screw	
18	70029743	8	Washer	
19	70029745	6	Nut	
20	70029747	2	Nut	
21	70029729	2	Pin	
22	70029751	6	Screw	
23	70029752	2	Screw	
24	70029755	4	Shackle	
25	70029756	45	Nut	
26	70029757	25	Nut	
27	70029760	4	Washer	
28	70029762	2	Assembly, Caster	
29	70029764	4	Bearing	
30	70029765	8	Pin	
31	70029766	2	Link	
32	70029767	2	Washer	
33	70029768	6	Stud	
34	See Note	NSS	Body, Sweeper (Note: Purchase Complete Assembly)	
35	70029773	2	Plate	
36	70029774	2	Plate	
37	70029775	2	Plate	
38	70029776	2	Plate	
39	70029777	2	Pin	
40	70029778	2	Plate	
41	70029779	2	Flap	
42	70029780	6	Plate	
43	70029781	3	Plate	
44	70029784	1	Flap	
45	70029786	1	Flap	
46	70029788	2	Chain	
47	70029790	2	Toplink	
48	70029793	6	Washer	
49	70029794	16	Pin, Lynch	

FIGURE 3-46. SWEEPER - MOTOR ASSEMBLY

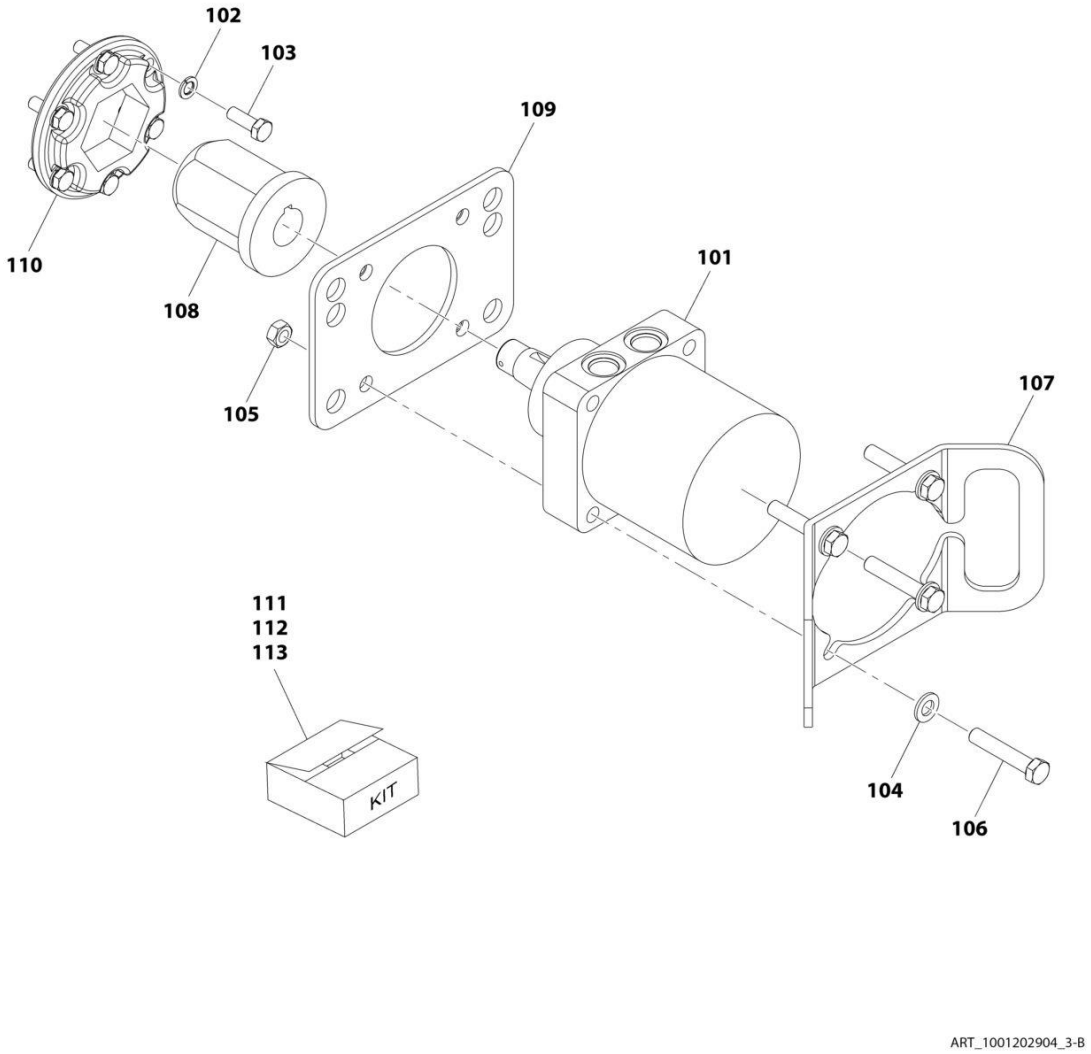


FIGURE 3-46. SWEEPER - MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - MOTOR	
101	70029717	1	Motor	
102	70029739	6	Washer	
103	70029741	6	Screw	
104	70029743	4	Washer	
105	70029746	4	Nut	
106	70029749	4	Screw	
107	70029769	1	Plate	
108	70029771	1	Hub	
109	70029772	1	Plate	
110	70029789	1	Plate	
111	70029719	1	Nut, Motor Shaft Lock	
112	70029718	1	Kit, Seal	
113	70029761	1	Key	

FIGURE 3-47. SWEEPER - IDLER ASSEMBLY

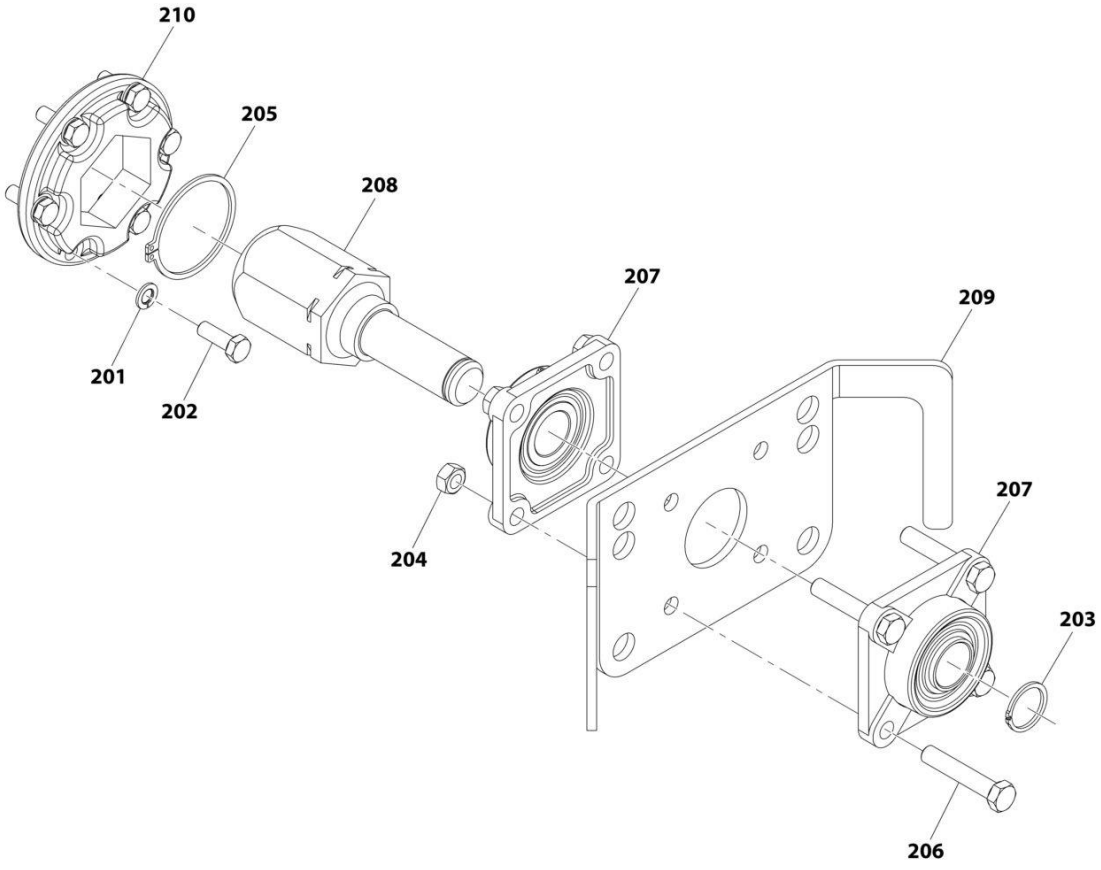


FIGURE 3-47. SWEEPER - IDLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - IDLER	
201	70029739	6	Washer	
202	70029741	6	Screw	
203	70029744	1	Ring, Snap	
204	70029746	4	Nut	
205	70029748	1	Ring, Snap	
206	70029749	4	Screw	
207	70029763	2	Bearing	
208	70029770	1	Hub	
209	70029787	1	Plate	
210	70029789	1	Plate	

FIGURE 3-48. SWEEPER - CORE ASSEMBLY

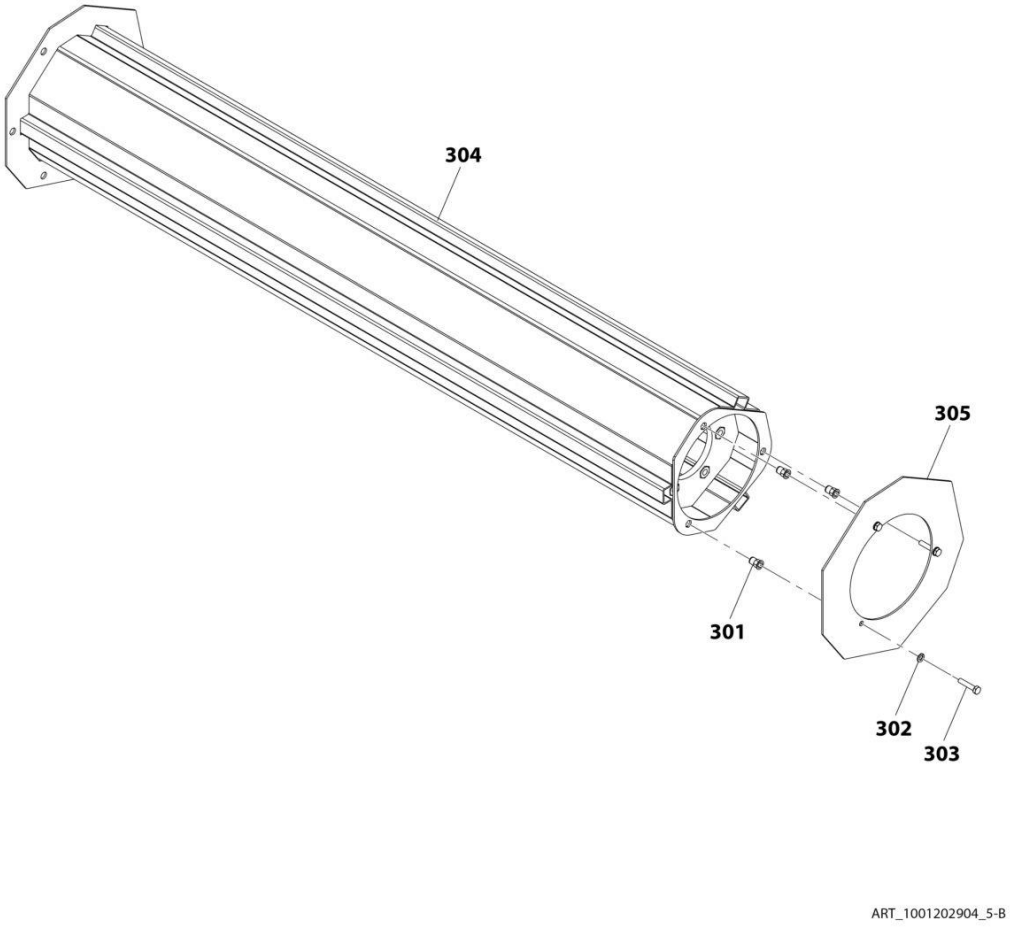


FIGURE 3-48. SWEEPER - CORE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	1	SWEEPER ASSEMBLY - CORE	
301	70029727	3	Nut	
302	70029730	3	Washer	
303	70029731	3	Screw	
304	70029782	1	Core	
305	70029783	1	Plate	

FIGURE 3-49. SWEEPER - HYDRAULIC SINGLE MOTOR ASSEMBLY

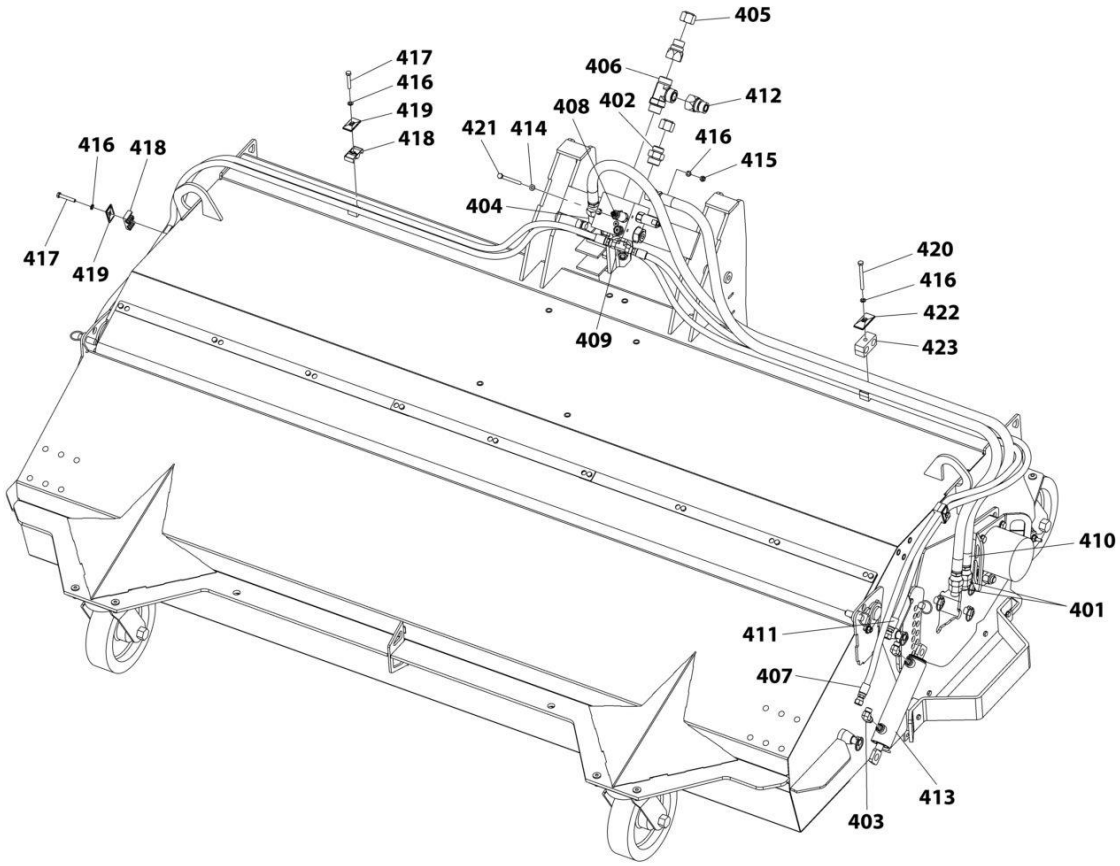


FIGURE 3-49. SWEEPER - HYDRAULIC SINGLE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202904	Ref	SWEEPER ASSEMBLY - HYDRAULICS	
401	70029704	2	Fitting	
402	70029705	1	Fitting	
403	70029706	4	Fitting, 90	
404	70029707	1	Fitting, 90	
405	70029708	2	Cap	
406	70029709	1	Fitting, Tee	
407	70029710	2	Hose	
408	70029711	1	Manifold	
409	70029712	2	Fitting, Tee	
410	70029713	2	Hose	
411	70029714	2	Hose	
412	70029715	2	Fitting	
413	70029716	2	Cylinder	
413	70029791	1	Kit, Seal	
414	70029732	2	Washer	
415	70029733	2	Nut	
416	70029734	6	Washer	
417	70029737	3	Screw	
418	70029753	8	Hose	
419	70029754	3	Cover	
420	70029758	1	Screw	
421	70029759	2	Screw	
422	70029795	1	Cover	
423	70029796	1	Cradle, Hose	

FIGURE 3-50. TRASH HOPPER - FORK MOUNTED

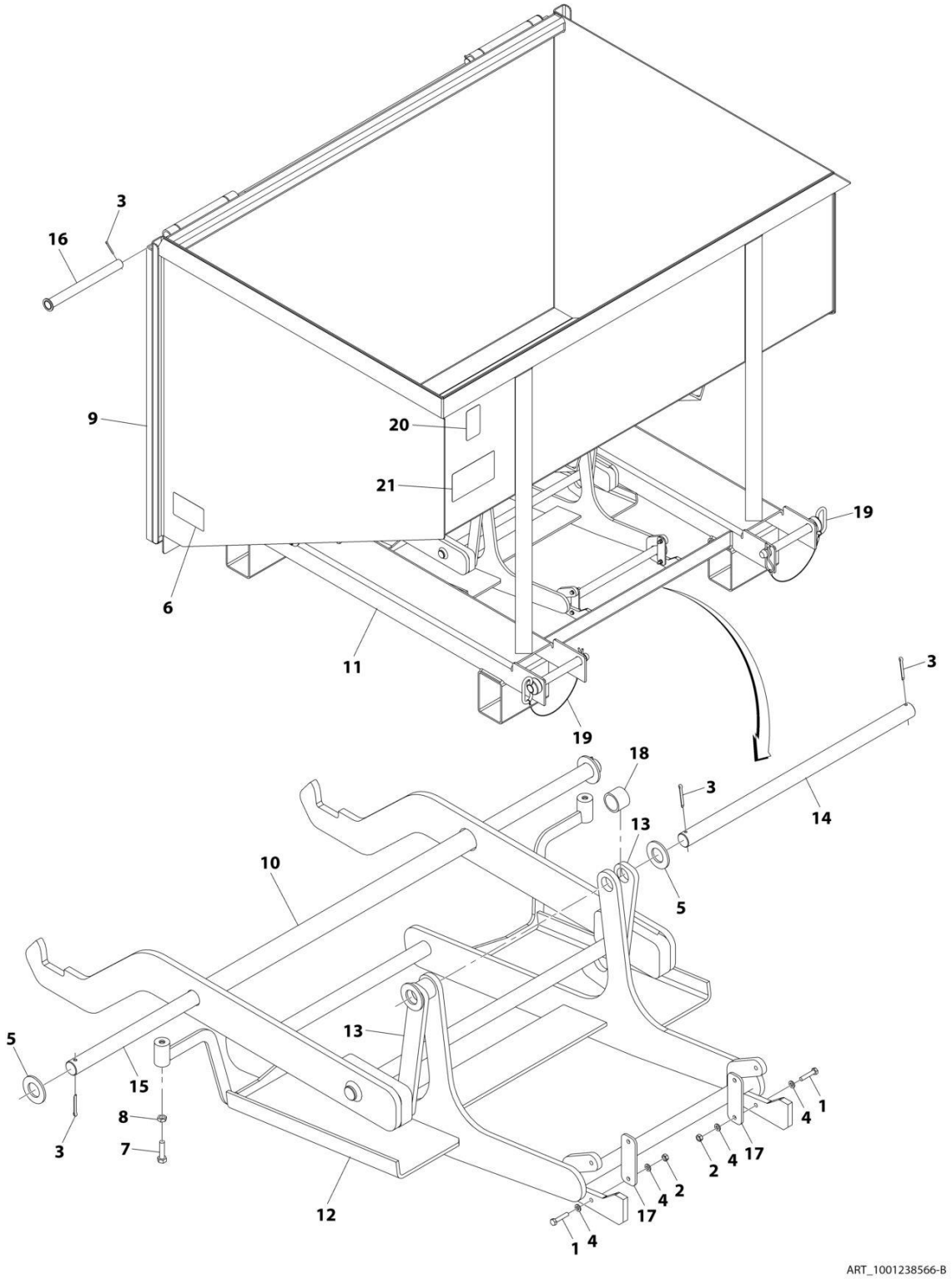


FIGURE 3-50. TRASH HOPPER - FORK MOUNTED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238566	Ref	FORK MOUNTED TRASH HOPPER	C
1	0700614	4	Bolt M6 x 30	
2	3290601	4	Nut M6 x 1	
3	3391410	6	Pin	
4	4811700	8	Washer M6	
5	5242400	4	Washer M24	
6	1706302	2	Decal, Pinch Point	
7	0641510	2	Bolt 5/16 x 1-1/4	
8	3311502	2	Nut 5/16	
9	1001192711	1	Door Assembly	
10	1001192720	1	Hook Assembly	
11	See Note	NSS	Hopper, Trash (Note: Purchase Complete Assembly)	
12	1001192875	1	Tray Assembly	
13	1001192876	2	Arm, Swing	
14	1001192877	1	Rod, Swing	
15	1001238570	1	Bar	
16	1001193540	2	Pin	
17	1001193729	2	Plate	
18	1001198355	2	Spacer	
19	1001238560	2	Pin	
20	See Note	NSS	SN Plate (Note:Stamped Part - Not Available for Purchase)	
21	1001203503	1	Decal, Trash Hopper Operation	

SECTION 4 - ENGINE AND ATTACHING PARTS

FIGURE 4-1. ENGINE COMPONENT INSTALLATION, 74HP (ULS)

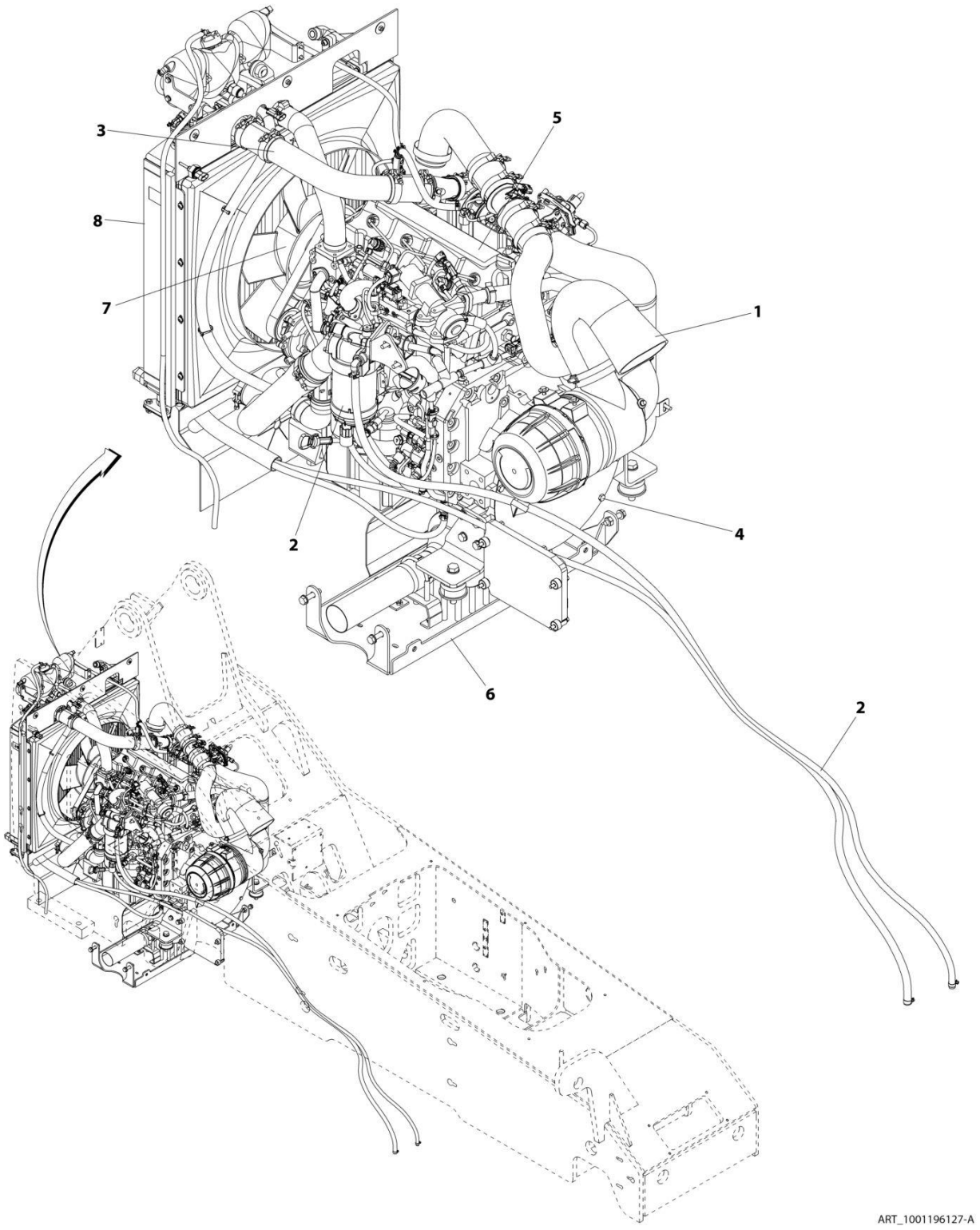


FIGURE 4-1. ENGINE COMPONENT INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196127	Ref	Engine Component Installation, 74HP (ULS)	A
1	1001165669	Ref	Installation, Air Cleaner (See Separate Breakdown in this Section)	
2	1001165672	Ref	Installation, Fuel Plumbing (See Separate Breakdown in this Section)	
3	1001165673	Ref	Installation, Plumbing Cooling (See Separate Breakdown in this Section)	
4	1001166229	Ref	Installation, Isolation Coupler (See Separate Breakdown in this Section)	
5	1001196124	Ref	Installation, Engine (74HP) (See Separate Breakdown in this Section)	
6	1001196125	Ref	Installation, Exhaust (See Separate Breakdown in this Section)	
7	1001196736	Ref	Installation, Fan (See Separate Breakdown in this Section)	
8	1001196737	Ref	Installation, Cooling (See Separate Breakdown in this Section)	

FIGURE 4-2. ENGINE COMPONENT INSTALLATION, 85HP (LS)

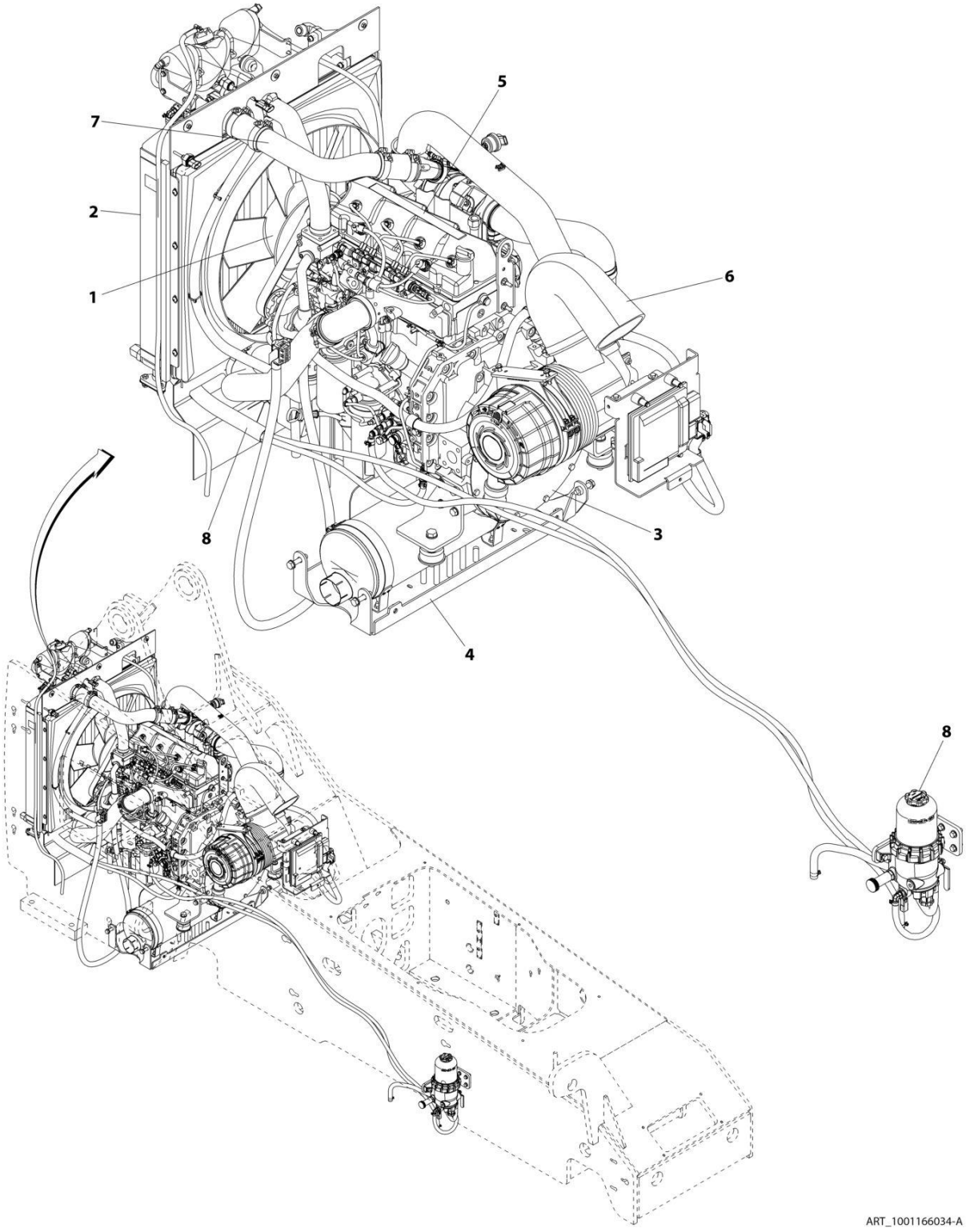


FIGURE 4-2. ENGINE COMPONENT INSTALLATION, 85HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166034	Ref	Engine Component Installation, 85HP (LS)	A
1	1001165668	Ref	Installation, Fan (See Separate Breakdown in this Section)	
2	1001165670	Ref	Installation, Cooling (See Separate Breakdown in this Section)	
3	1001166229	Ref	Installation, Isolation Coupler (See Separate Breakdown in this Section)	
4	1001185649	Ref	Installation, Exhaust (See Separate Breakdown in this Section)	
5	1001185650	Ref	Installation, Engine (See Separate Breakdown in this Section)	
6	1001185651	Ref	Installation, Air Cleaner (See Separate Breakdown in this Section)	
7	1001185652	Ref	Installation, Plumbing Cooling (See Separate Breakdown in this Section)	
8	1001186490	Ref	Installation, Fuel Plumbing (See Separate Breakdown in this Section)	

FIGURE 4-3. ENGINE INSTALLATION, 74HP (ULS)

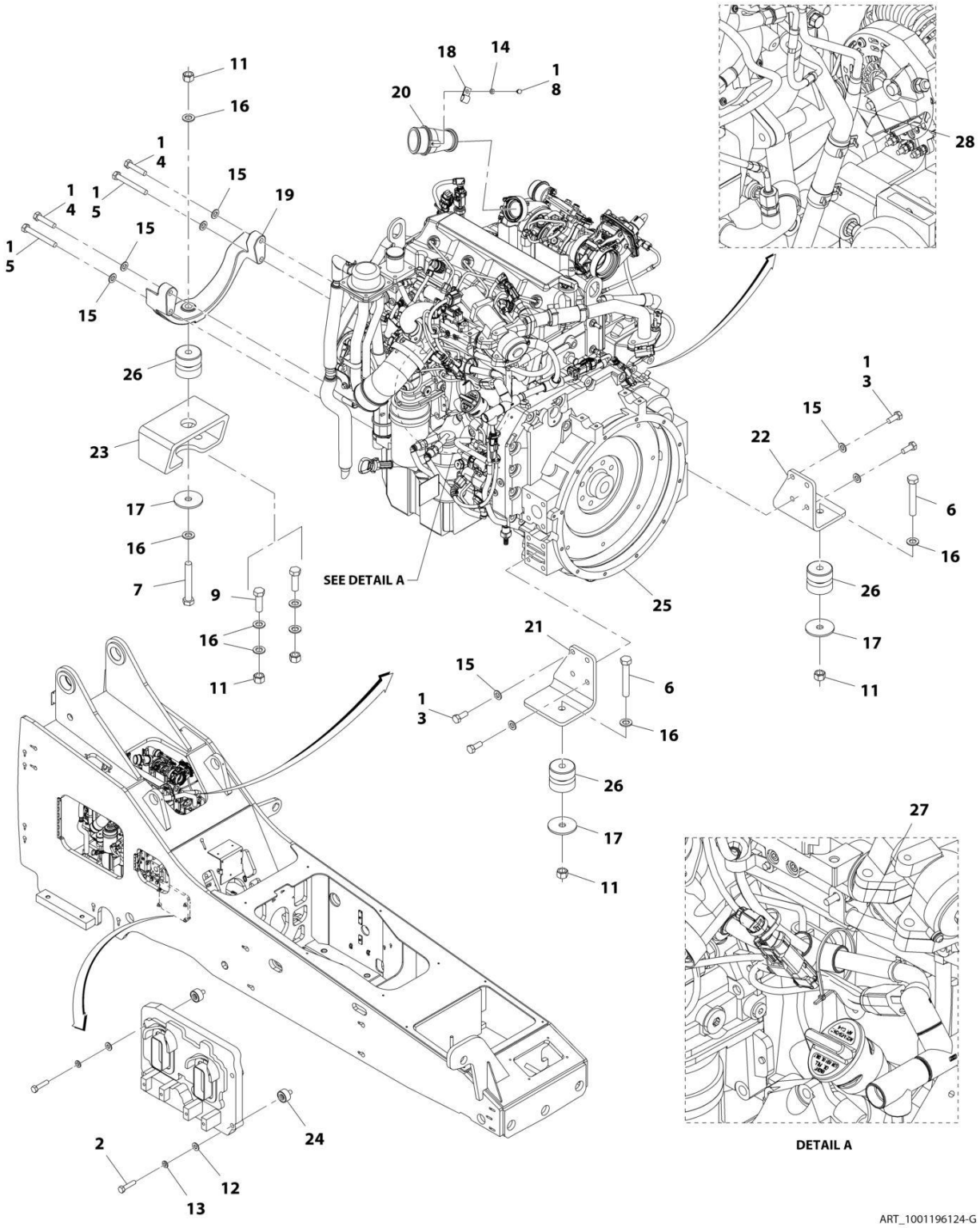


FIGURE 4-3. ENGINE INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196124	Ref	Engine Installation, 74HP (if equipped for ULS)	G
1	0100011	AR	Compound, Locking	
2	0641511	4	Bolt, 5/16-18X1-3/8	
3	0711214	8	Bolt, M12X30	
4	0711219	2	Bolt, M12X55	
5	0711227	2	Bolt, M12X100	
6	0711627	2	Bolt, M16X100	
7	0711628	1	Bolt, M16X110	
8	0760605	1	Bolt, M6X10	
9	0771618	2	Bolt, M16X50	
11	3331615	5	Nut, Lock M16X12	
12	4711500	4	Washer, 5/16	
13	4761500	4	Washer, Lock 5/16	
14	4811700	1	Washer, M6	
15	4812100	12	Washer, M12	
16	4812300	8	Washer, M16	
17	7300435	3	Washer, Rebound	
18	8406112	1	Clip, Tube 5/8	
19	1001160116	1	Bracket, Engine Mount Casting	
20	1001161920	1	Adapter	
21	1001165517	1	Bracket, Engine Mount	
22	1001165518	1	Bracket, Engine Mount	
23	1001180473	1	Bracket, Rear Engine Mount	
24	1001186373	4	Mount, Isolator ECM	
25	1001196665	1	Engine (See Separate Breakdown in this Section)	
26	1001165660	3	Mount, Isolator Engine	
27	4240099	1	Strap, Tie	
28	7125871	1	Conduit 0.5X8	

FIGURE 4-4. ENGINE INSTALLATION, 85HP (LS)

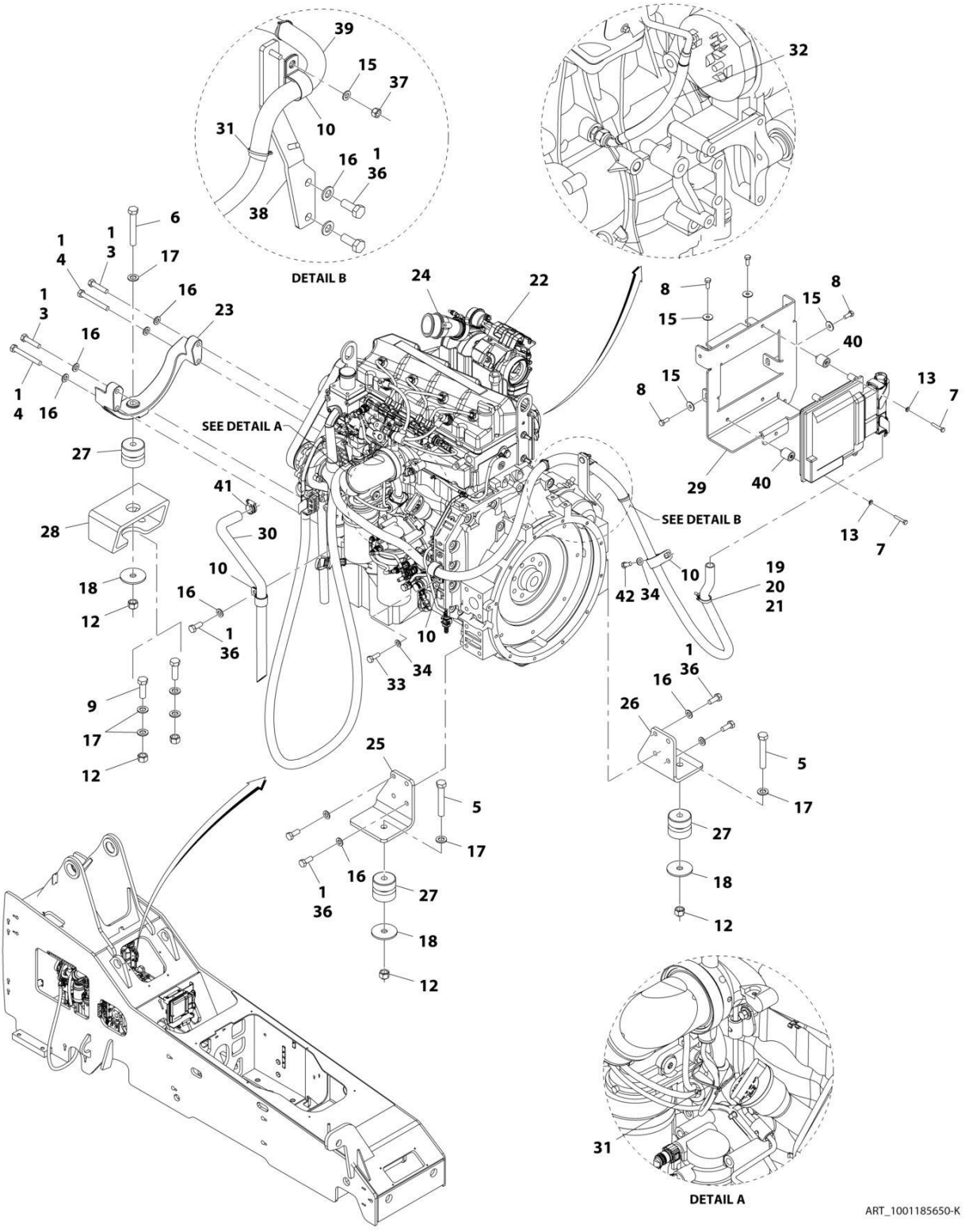


FIGURE 4-4. ENGINE INSTALLATION, 85HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185650	Ref	Engine Installation (if equipped for LS)	K
1	0100011	AR	Compound, Locking	
3	0711219	2	Bolt, M12X55	
4	0711227	2	Bolt, M12X100	
5	0711627	2	Bolt, M16X100	
6	0711628	1	Bolt, M16X110	
7	0760614	4	Bolt, M6X30	
8	0760810	4	Bolt, M8X20	
9	0771618	2	Bolt, M16X50	
10	8406303	4	Clip, Tube 1-3/16	
12	3331615	5	Nut, Lock M16X2	
13	4811700	4	Washer, M6	
15	4811902	5	Washer, M8	
16	4812100	15	Washer, M12	
17	4812300	7	Washer, M16	
18	7300435	3	Washer, Rebound	
19	8881800	1	Strap, Cable	
20	88261015	1	Bolt, 1/4-20X5/8	
21	1001138645	1	Mount, Cable Tie	
22	1001154790	1	Engine (See Separate Breakdown in this Section)	
23	1001160116	1	Bracket, Engine Mount Casting	
24	1001161920	1	Adapter	
25	1001165517	1	Bracket, Engine Mount	
26	1001165518	1	Bracket, Engine Mount	
27	1001165660	3	Mount, Isolator Engine	
28	1001180473	1	Bracket, Rear Engine Mount	
29	1001211688	1	Bracket, ECM Mount	
30	1001192134	1	Hose	
31	4240099	3	Strap, Tie	
32	7125871	1	Conduit	
33	0761014	1	Capscrew, 10X30	
34	4812000	2	Washer, M10	
36	0711214	11	Bolt, M12X30	
37	3290805	1	Nut, Lock M8X1-1/4	
38	1001197233	1	Bracket	
39	1001186718	1	Insulate, Heat Shield Tube	
40	1001211697	4	Mount, Isolator ECM	
41	1001173535	1	Clamp	
42	0641608	1	Bolt, 3/8-16X1	

FIGURE 4-5. ENGINE, 74HP (ULS)

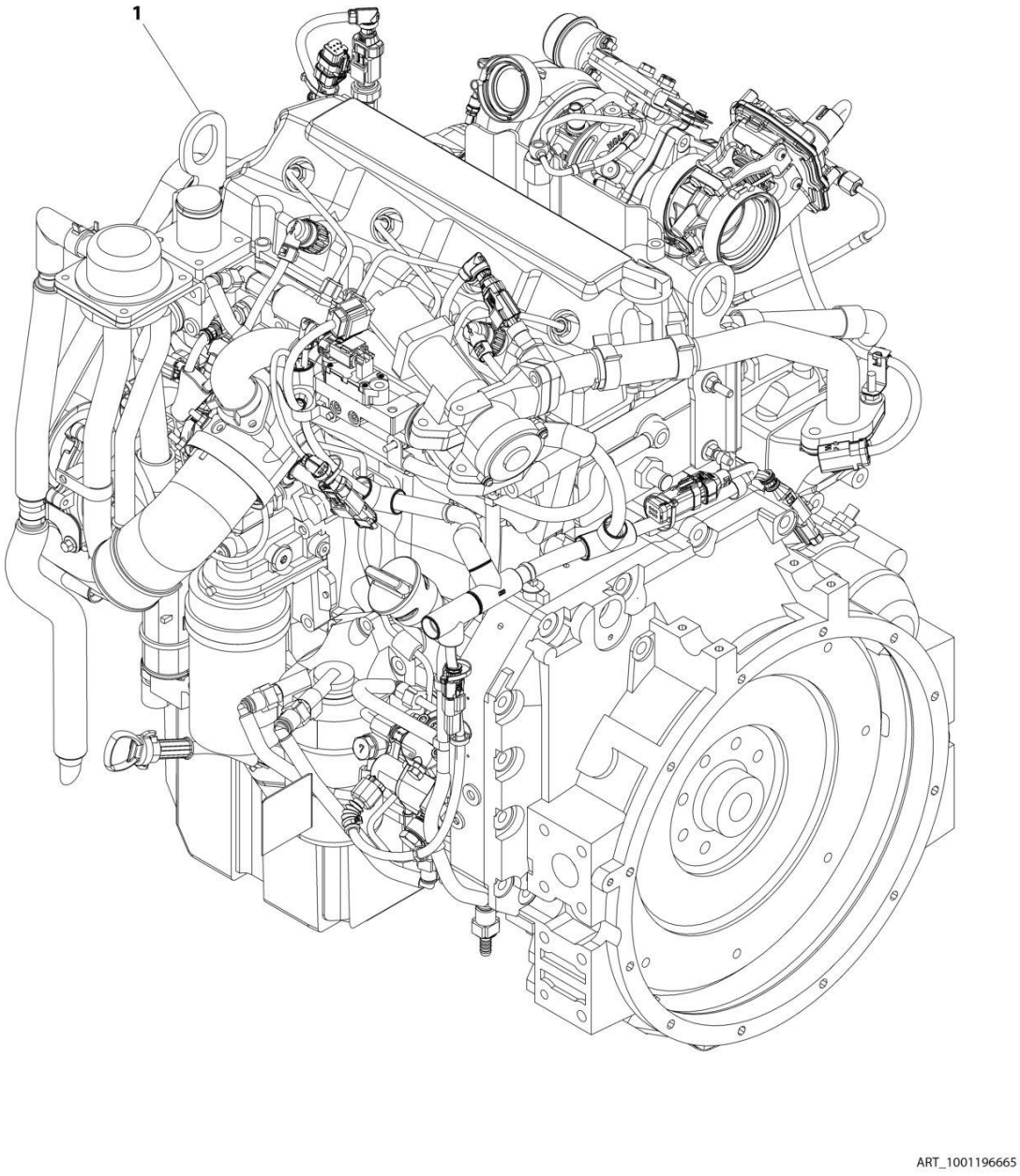


FIGURE 4-5. ENGINE, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001196665	Ref	Engine, 74HP (if equipped for ULS)	O
	70026220	1	Assembly, Secondary Fuel Filter (includes filter head, seal and element)	
	70026453	1	Element, Fuel Filter	
	70026221	1	Head, Fuel Filter	
	70026222	1	Assembly, Flywheel Housing	
	70027281	1	Pan, Oil	
	70026224	1	Seal, Oil Pan	
	70026225	1	Plug, Oil Pan	
	70026226	1	Seal, Oil Pan Plug	
	1001128594	1	Starter	
	70026228	1	Filler Cap, Valve Cover	
	70026229	1	Fan Belt, V-Ribbed	
	70026230	1	Support, Fan	
	70026231	1	Pulley, Fan	
	70026232	1	Alternator	
	70028450	1	Assembly, Primary Fuel Filter	
	70026234	1	Element, Fuel Filter	
	70026235	1	Assembly, Dipstick Oil Level	
	70026241	1	Assembly, Fuel Filter Plug	
	70026237	1	Filter, Oil	
	70023933	1	O-Ring, Oil Pressure Switch	
	70041620	2	Ring, Retaining	
	70041616	1	Bolt	
	70041617	1	Bearing, Ball	
	70041619	1	Retainer, Fan Hub	
	1322039	1	Spacer, Fan Pilot	
	1321094	19	Screw	
	70024016	1	Cap, Side Oil Fill	
	70022634	1	Flywheel w/Ring Gear	
	70023736	1	Ring Gear, Flywheel	
	1322040	1	Plug, Flywheel	
	70031148	1	Sensor, Speed	

FIGURE 4-6. ENGINE, 85HP (LS)

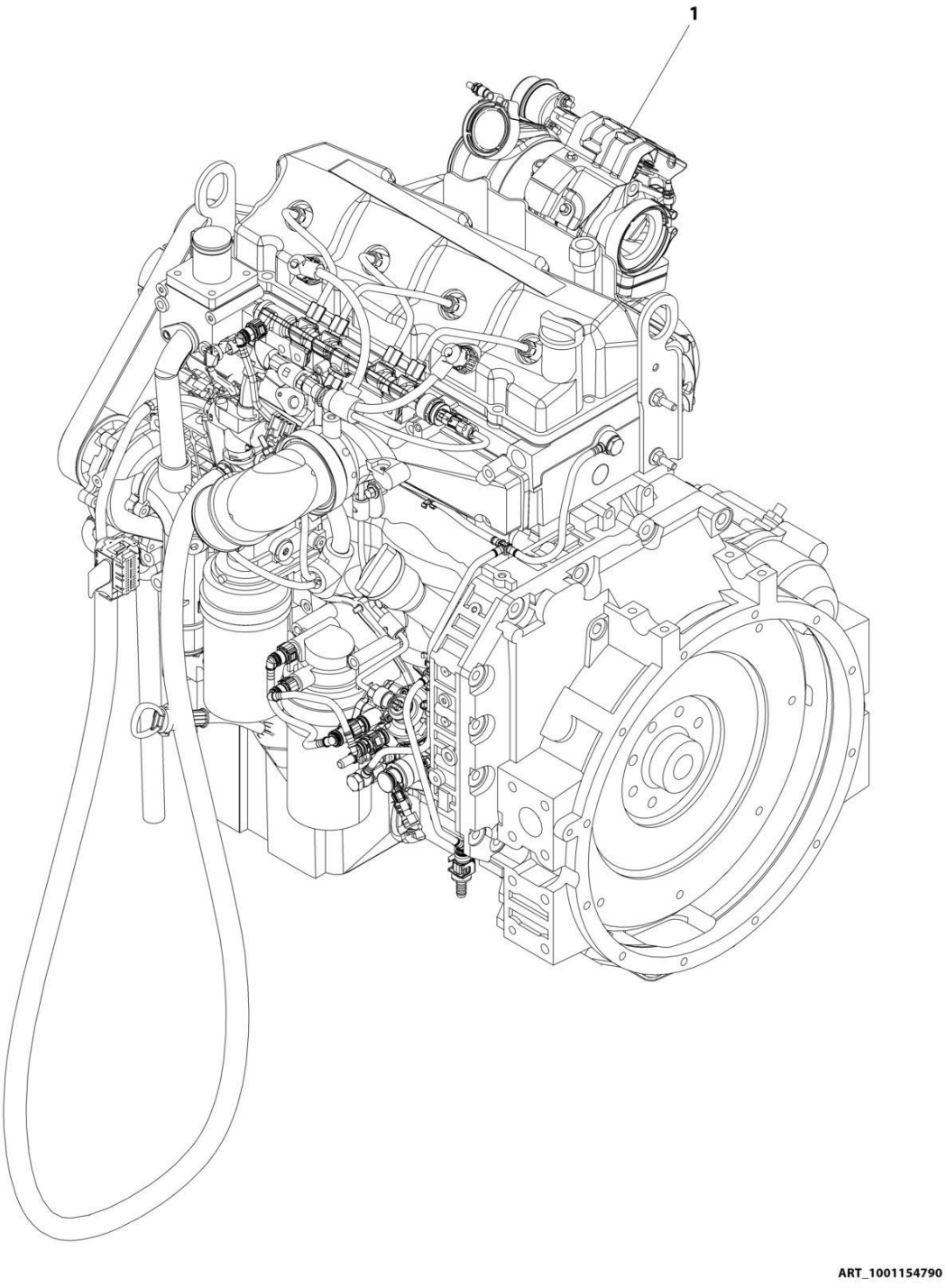


FIGURE 4-6. ENGINE, 85HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001154790	Ref	3.8L Engine (LS)	L
	70026800	1	Fuel Filter Assembly	
	70026801	1	Fuel Filter Element	
	70026222	1	Assembly, Flywheel Housing	
	70027281	1	Pan, Oil	
	70026224	1	Seal, Oil Pan	
	70026225	1	Plug, Oil Pan	
	70026226	1	Seal, Oil Pan Plug	
	1001128594	1	Starter	
	70026228	1	Filler Cap, Valve Cover	
	70026229	1	Fan Belt, V-Ribbed	
	70026230	1	Support, Fan	
	70026231	1	Pulley, Fan	
	70026232	1	Alternator	
	70026233	1	Assembly, Primary Fuel Filter	
	70026234	1	Element, Fuel Filter	
	70026235	1	Assembly, Dipstick Oil Level	
	70026241	1	Assembly, Fuel Filter Plug	
	70026237	1	Filter, Oil	
	70041620	2	Ring, Retaining	
	70041616	1	Bolt	
	70041617	1	Bearing, Ball	
	70041619	1	Retainer, Fan Hub	
	1322039	1	Spacer, Fan Pilot	
	1321094	17	Screw	
	70024016	1	Cap, Side Oil Fill	
	70022634	1	Flywheel w/Ring Gear	
	70023736	1	Ring Gear, Flywheel	
	1322040	1	Plug, Flywheel	

FIGURE 4-7. ENGINE, 85HP (ULS)

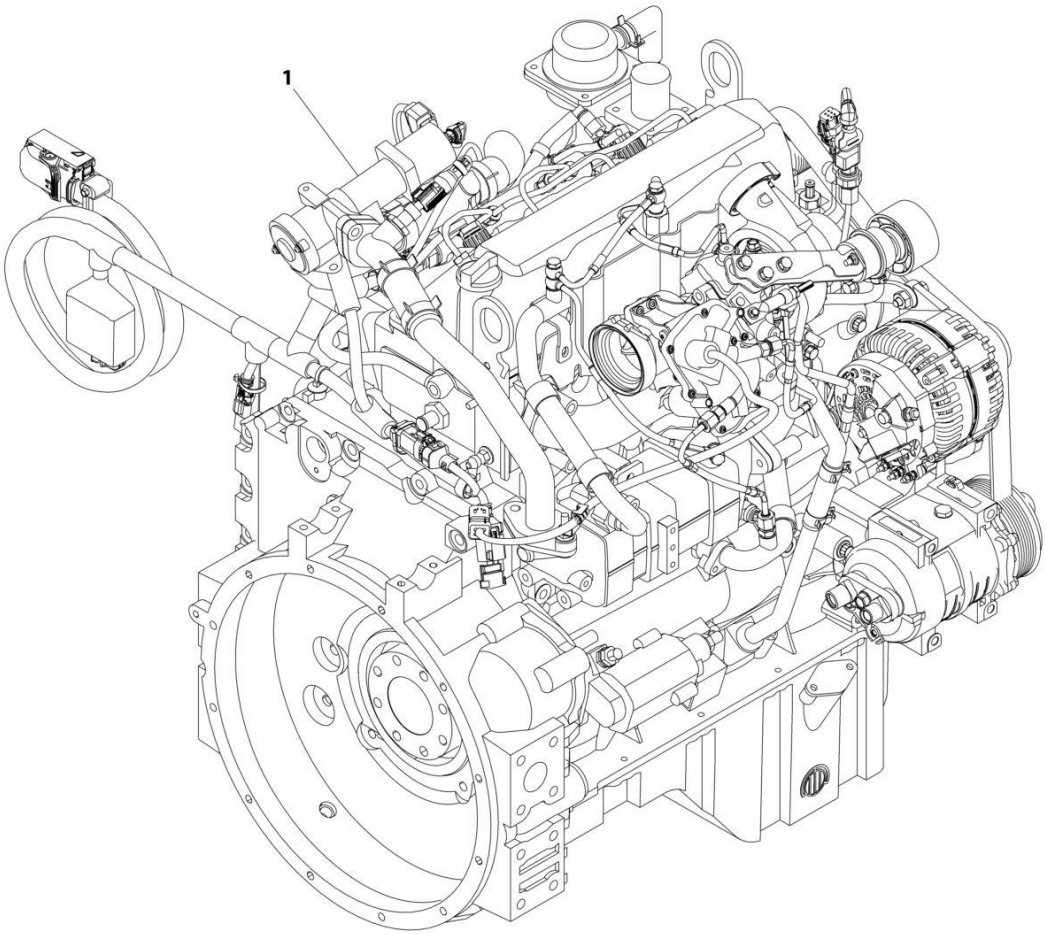


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FIGURE 4-7. ENGINE, 85HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001154511	Ref	Engine, QSF 3.8L (if equipped for ULS)	W
	70026220	1	Assembly, Secondary Fuel Filter (includes shell, seal and cartridge)	
	70026453	1	Cartridge, Fuel Filter	
	70031350	1	Rail, Fuel	
	70031351	1	Sensor, Fuel Pressure	
	70031352	1	Valve, Fuel Pressure Relief Valve	
	70026223	1	Pan, Oil	
	70026224	1	Seal, Oil Pan	
	70026225	1	Plug, Oil Pan	
	70026226	1	Seal, Oil Pan Plug	
	1001128594	1	Starter	
	70026228	1	Filler Cap, Valve Cover	
	70026229	1	Fan Belt, V-Ribbed	
	70026230	1	Support, Fan	
	70026231	1	Pulley, Fan	
	70026232	1	Alternator	
	70028450	1	Assembly, Primary Fuel Filter, (includes filter head, seal and element)	
	70026235	1	Assembly, Dipstick Oil Level	
	70026236	1	Assembly, Block Heater	
	70026241	1	Assembly, Fuel Filter Plug	
	70026237	1	Filter, Oil	
	70023933	1	O-Ring, Oil Pressure Switch	
	70041620	2	Ring, Retaining	
	70041616	1	Bolt, Fan Drive	
	70041617	1	Bearing, Ball	
	70041619	1	Retainer, Fan Hub	
	1322039	1	Spacer, Fan Pilot	
	1321094	16	Bolt, Oil Pan	
	70024016	1	Cap, Side Oil Fill	
	70022634	1	Flywheel w/Ring Gear	
	70023736	1	Ring Gear, Flywheel	
	1322040	1	Plug, Flywheel	
	70030317	1	Connection, Fuel Actuator	
	70030347	1	Valve, Exhaust Throttle	
	70031380	1	Harness, ECM	

FIGURE 4-8. EXHAUST INSTALLATION, 74HP (ULS)

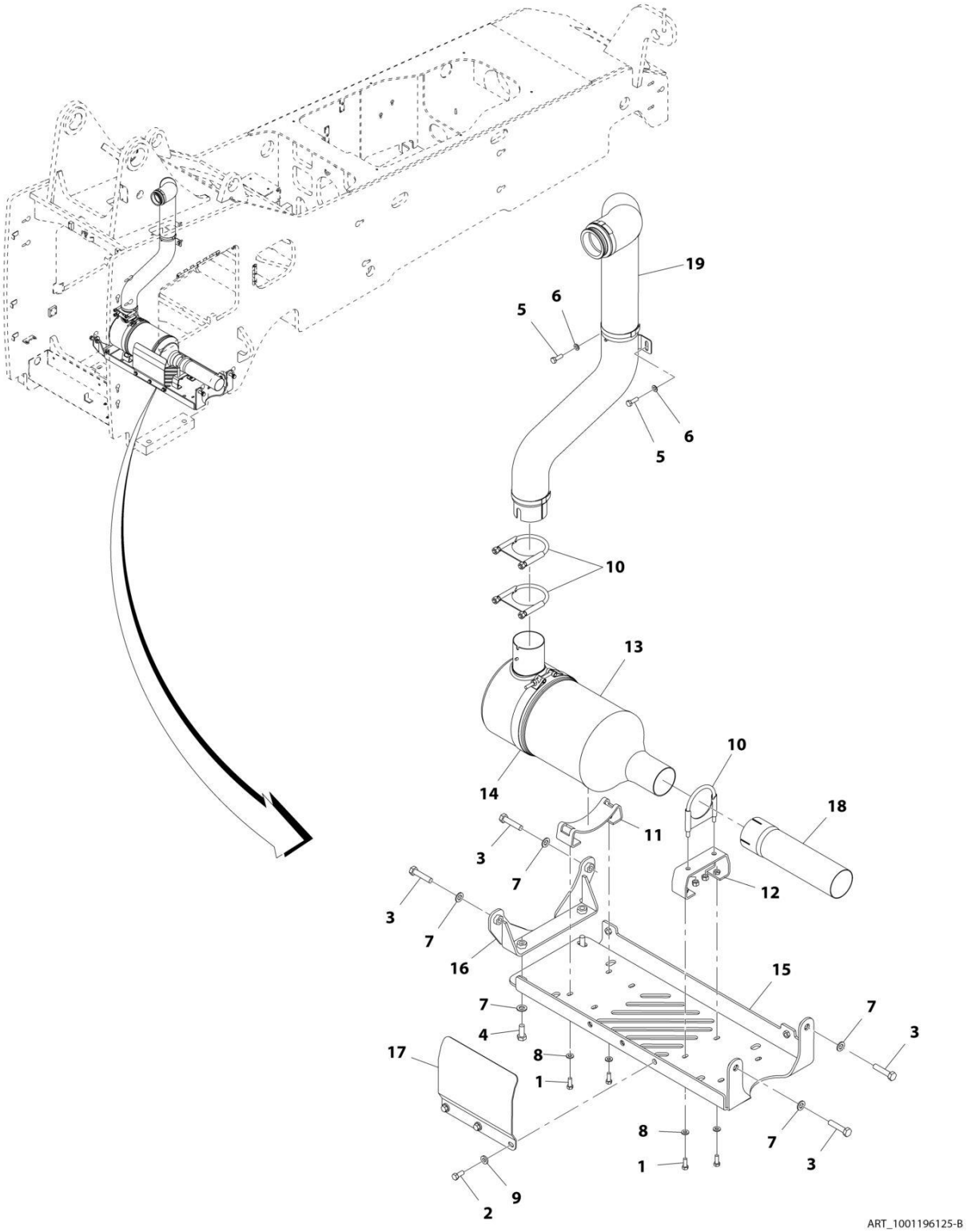

FIGURE 4-8. EXHAUST INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196125	Ref	Exhaust Installation, 74HP (if equipped for ULS)	B
1	0641507	4	Bolt, 5/16-18X7/8	
2	0641607	3	Bolt, 3/8-16X7/8	
3	0701219	4	Bolt, M12X55	
4	0711214	2	Bolt, M12X30	
5	0760812	2	Bolt, M8X25	
6	4811900	2	Washer, M8	
7	4812100	6	Washer, M12	
8	4891500	4	Washer, 5/16	
9	4891600	3	Washer, 3/8	
10	24921332	3	Clamp	
11	1001128363	1	Bracket	
12	1001128364	1	Bracket	
13	1001128714	1	Muffler	
14	1001128901	1	Strap	
15	1001166935	1	Bracket	
16	1001169057	1	Bracket	
17	1001174327	1	Shield	
18	1001196396	1	Pipe, Exhaust	
19	1001196397	1	Pipe, Exhaust	

FIGURE 4-9. EXHAUST INSTALLATION, 85HP (LS)

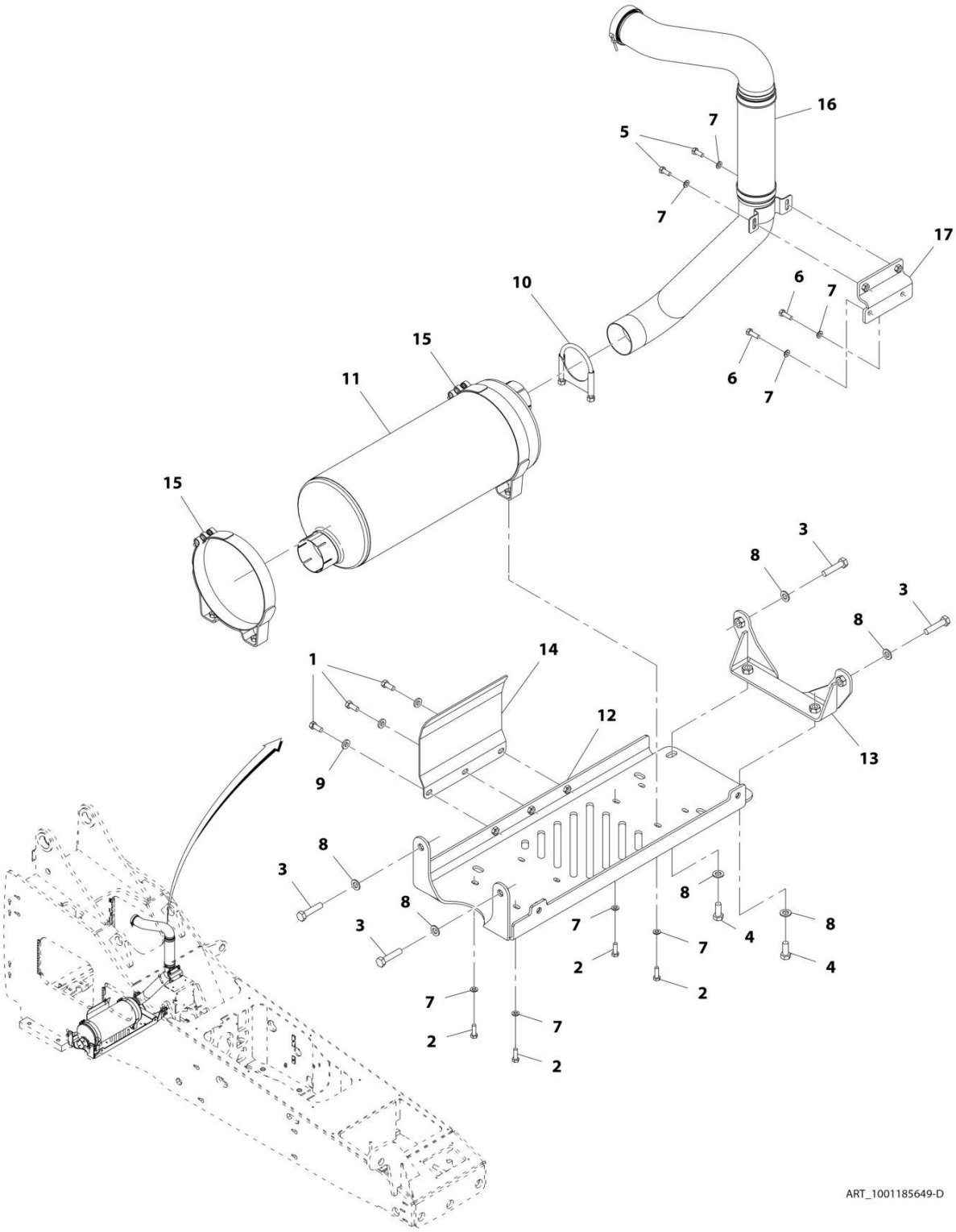

FIGURE 4-9. EXHAUST INSTALLATION, 85HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185649	Ref	Exhaust Installation, 85HP (if equipped for LS)	D
1	0641607	3	Bolt, 3/8-16X7/8	
2	0700812	4	Bolt, M8X25	
3	0701219	4	Bolt, M12X55	
4	0711214	2	Bolt, M12X30, Grade 10.9	
5	0760810	2	Bolt, M8X20	
6	0760812	2	Bolt, M8X25	
7	4811900	8	Washer, M8	
8	4812100	6	Washer, M12	
9	4891600	3	Washer, 3/8	
10	24921332	1	Clamp	
11	91163035	1	Muffler	
12	1001166935	1	Bracket	
13	1001169057	1	Bracket	
14	1001174327	1	Shield	
15	1001180227	2	Muffler, Band Clamp	
16	1001190962	1	Pipe, Exhaust	
17	1001190990	1	Bracket, Exhaust Support	

FIGURE 4-10. FAN INSTALLATION, 74HP

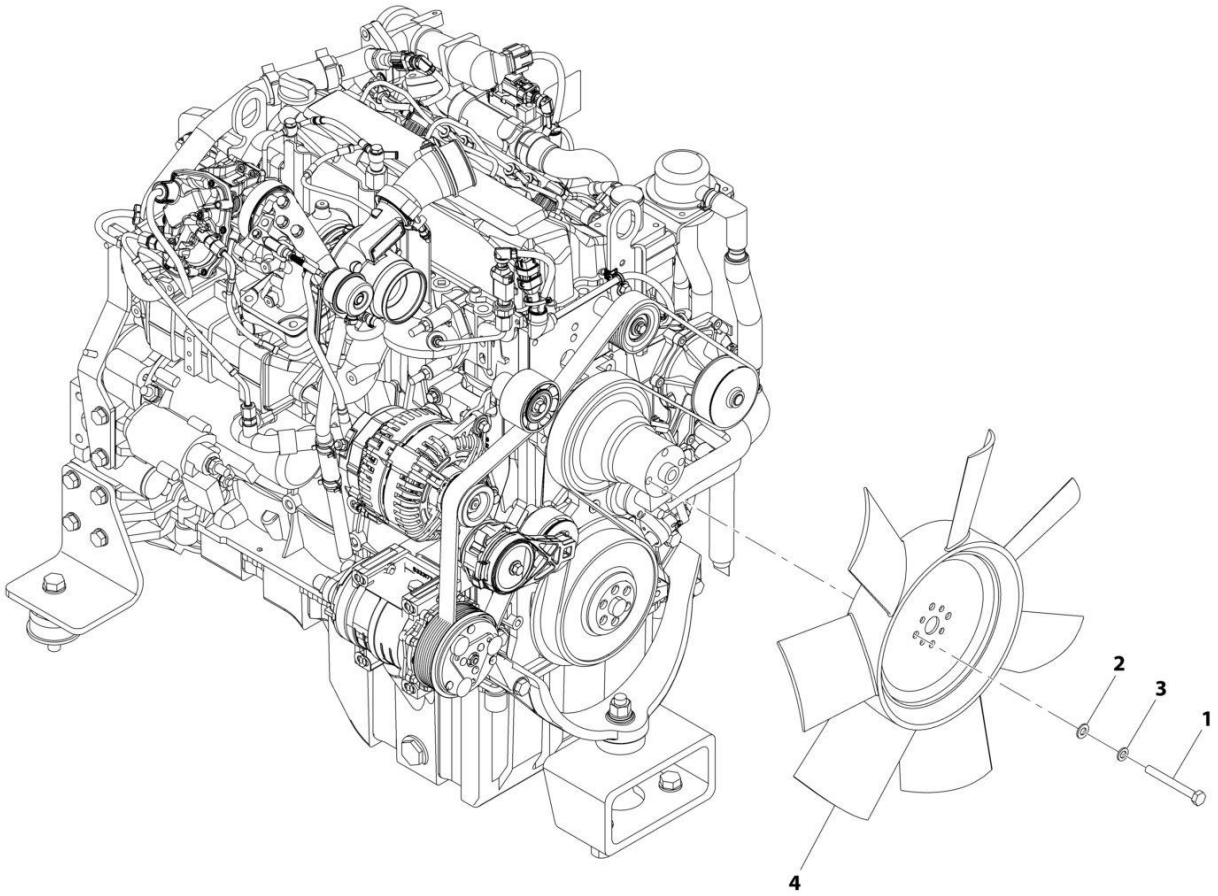

FIGURE 4-10. FAN INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196736	Ref	Fan Installation, 74HP	C
1	0701026	4	Bolt, M10X90	
2	4812000	4	Washer, M10	
3	4832000	4	Washer, Lock M10	
4	1001210351	1	Fan	

FIGURE 4-11. FAN INSTALLATION, 85HP

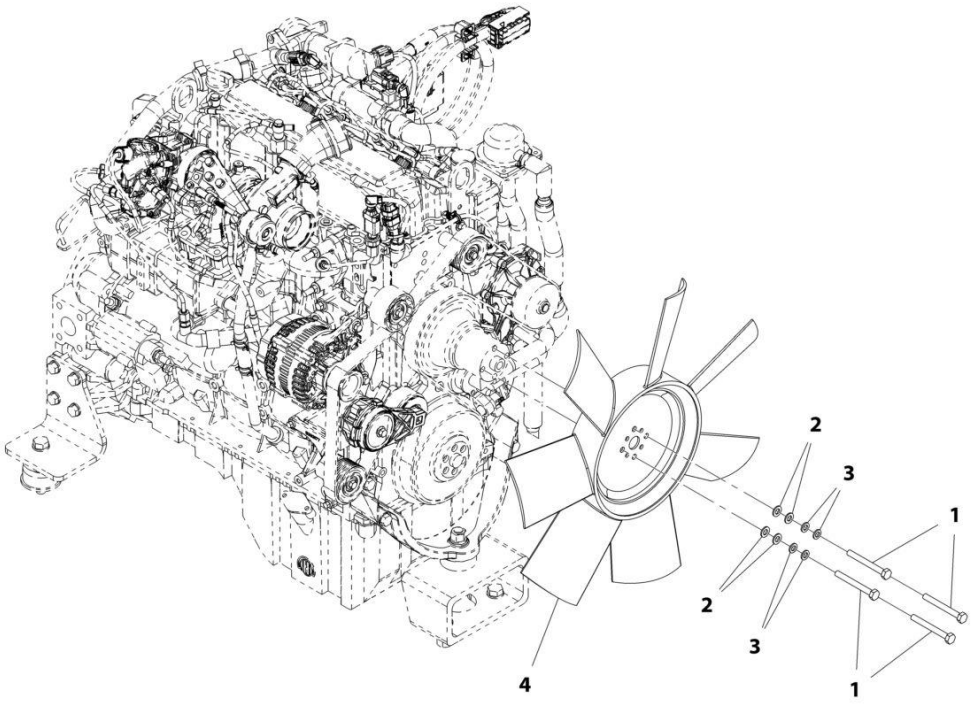

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FIGURE 4-11. FAN INSTALLATION, 85HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165668	Ref	Fan Installation, 85HP	B
1	0701026	4	Bolt, M10X90	
2	4812000	4	Washer, M10	
3	4832000	4	Washer, Lock M10	
4	1001174822	1	Fan	

FIGURE 4-12. AIR CLEANER INSTALLATION (ULS)

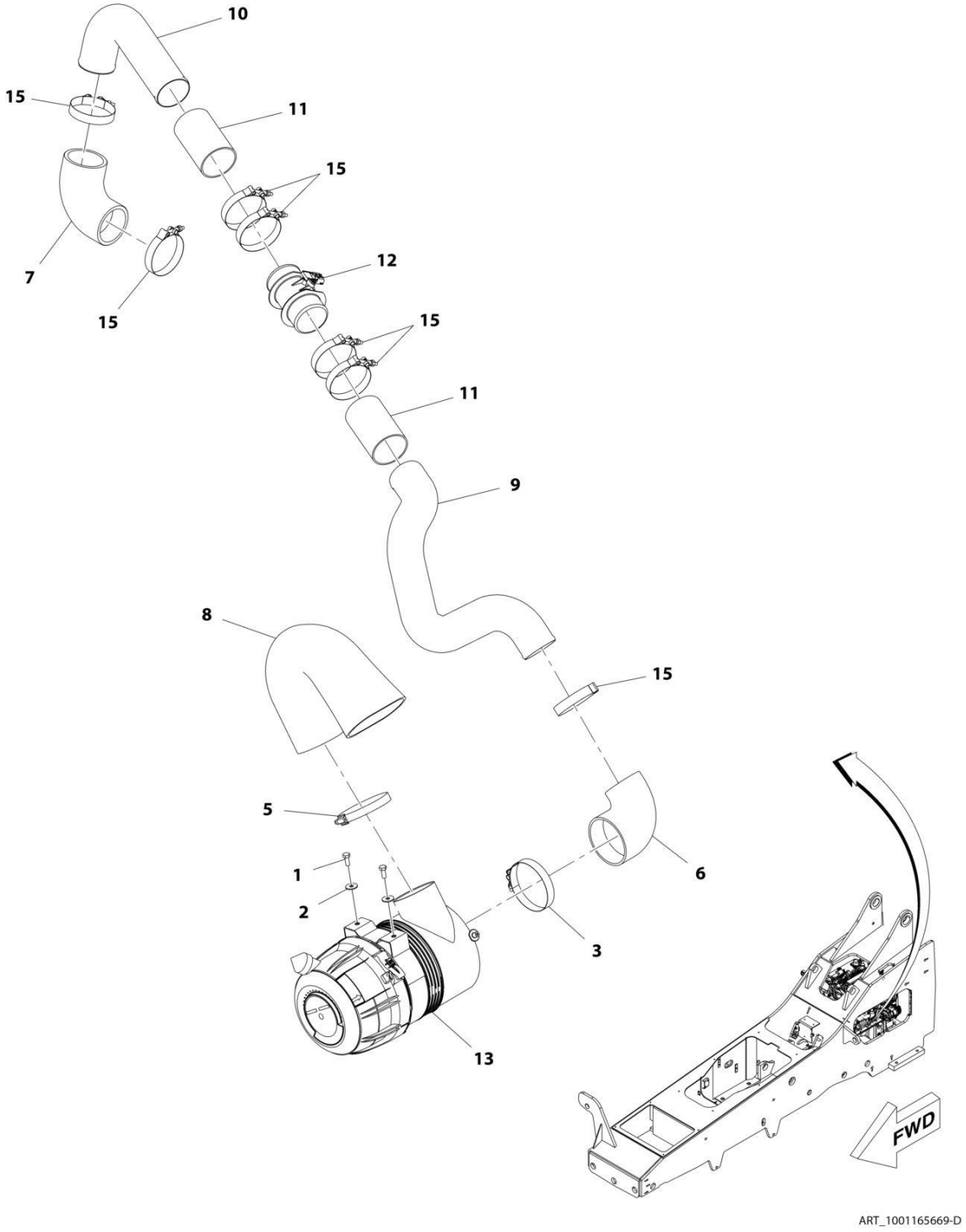


FIGURE 4-12. AIR CLEANER INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165669	Ref	Air Cleaner Installation (if equipped for ULS)	D
1	0760810	2	Bolt, M8X20	
2	4811902	2	Washer, M8	
3	8405404	1	Clamp, T-Bolt	
5	10719267	1	Clamp, Hose	
6	1001201831	1	Hose, Air Intake	
7	1001120083	1	Hose, Air Intake	
8	1001165818	1	Hose, Air Intake	
9	1001168051	1	Pipe, Air Intake	
10	1001168052	1	Pipe, Air Intake	
11	1001168053	2	Hose, Sleeve	
12	1001169077	1	Sensor, PRS Temperature	
13	1001166566	1	Assembly, Air Cleaner (See Separate Breakdown in this Section)	
15	8410007	7	Clamp, T-Bolt	

FIGURE 4-13. AIR CLEANER INSTALLATION (LS)

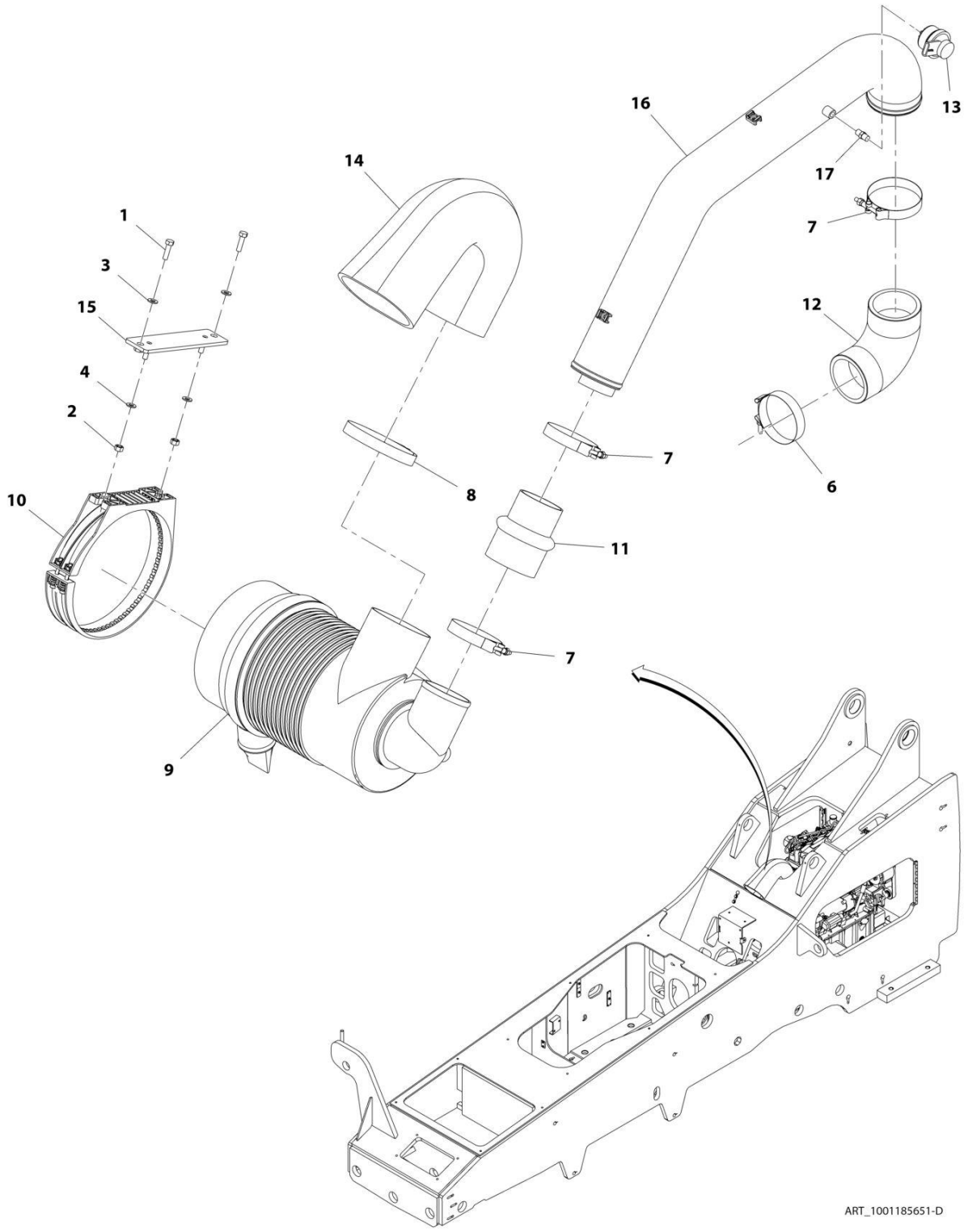


FIGURE 4-13. AIR CLEANER INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185651	Ref	Air Cleaner Installation (if equipped for LS)	D
1	0760815	2	Bolt, M8X35	
2	8305043	2	Nut, M8X1.25	
3	8307106	2	Washer, Plain 5/16	
4	8307222	2	Washer, Plain M8	
6	90028631	1	Clamp, T-Bolt	
7	8405307	3	Clamp, T-Bolt	
8	8410021	1	Clamp, T-Bolt	
9	10268515	1	Assembly, Air Cleaner (See Separate Breakdown in this Section)	
10	10268516	1	Band, Mounting	
11	91293003	1	Hose, Hump Reducer	
12	91083129	1	Elbow, Reducer	
13	1001166715	1	Restriction, Indicator	
14	1001190005	1	Hose, Air Intake	
15	1001190183	1	Bracket, Air Filter Band Mount	
16	1001212670	1	Pipe, Air Intake	
17	2180798	1	Fitting	

FIGURE 4-14. AIR CLEANER ASSEMBLY (ULS)

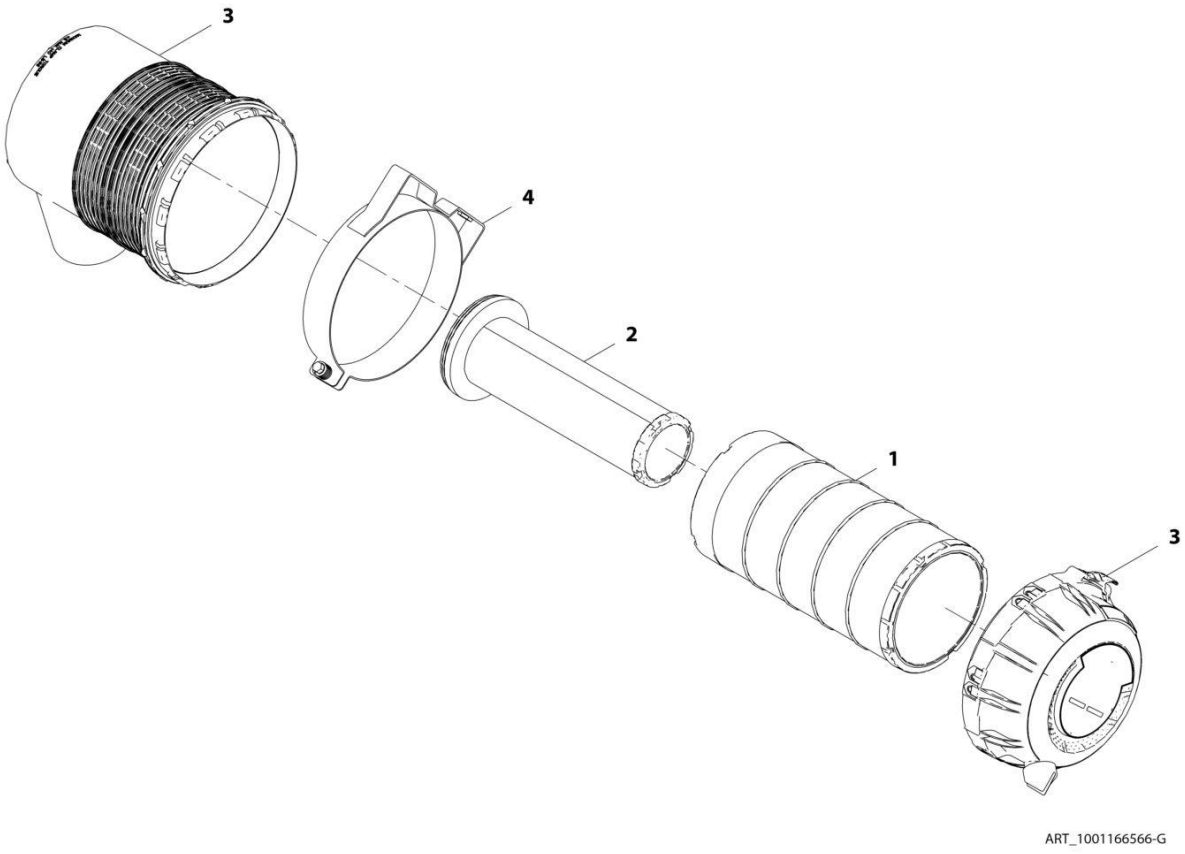


FIGURE 4-14. AIR CLEANER ASSEMBLY (ULS)

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

FIGURE 4-15. AIR CLEANER ASSEMBLY (LS)

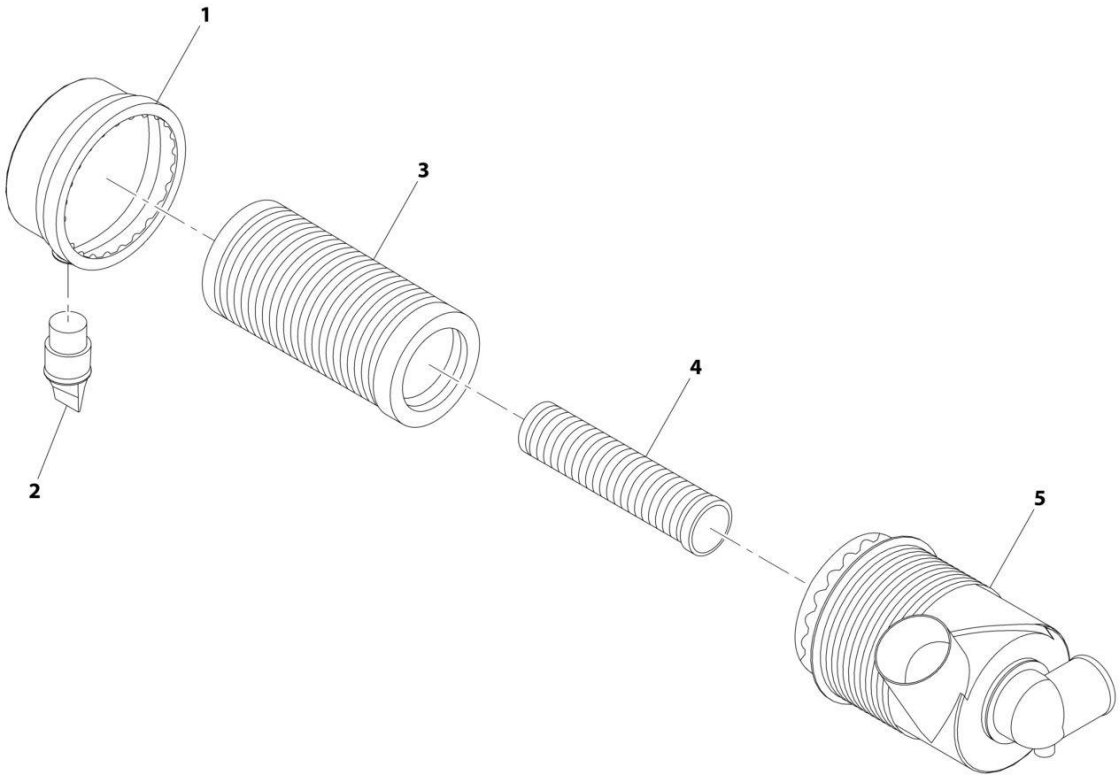


FIGURE 4-15. AIR CLEANER ASSEMBLY (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	10268515	Ref	Air Cleaner Assembly (if equipped for LS)	D
1	91364023	1	Cover Assembly	
2	80373094	1	Vacuator Valve	
3	1101312	1	Primary Filter Element	
4	1101313	1	Secondary Filter Element	
5	See Note	NSS	Air Cleaner Body (Note; Purchase Complete Assembly)	

FIGURE 4-16. AIR INTAKE SHUT OFF VALVE INSTALLATION

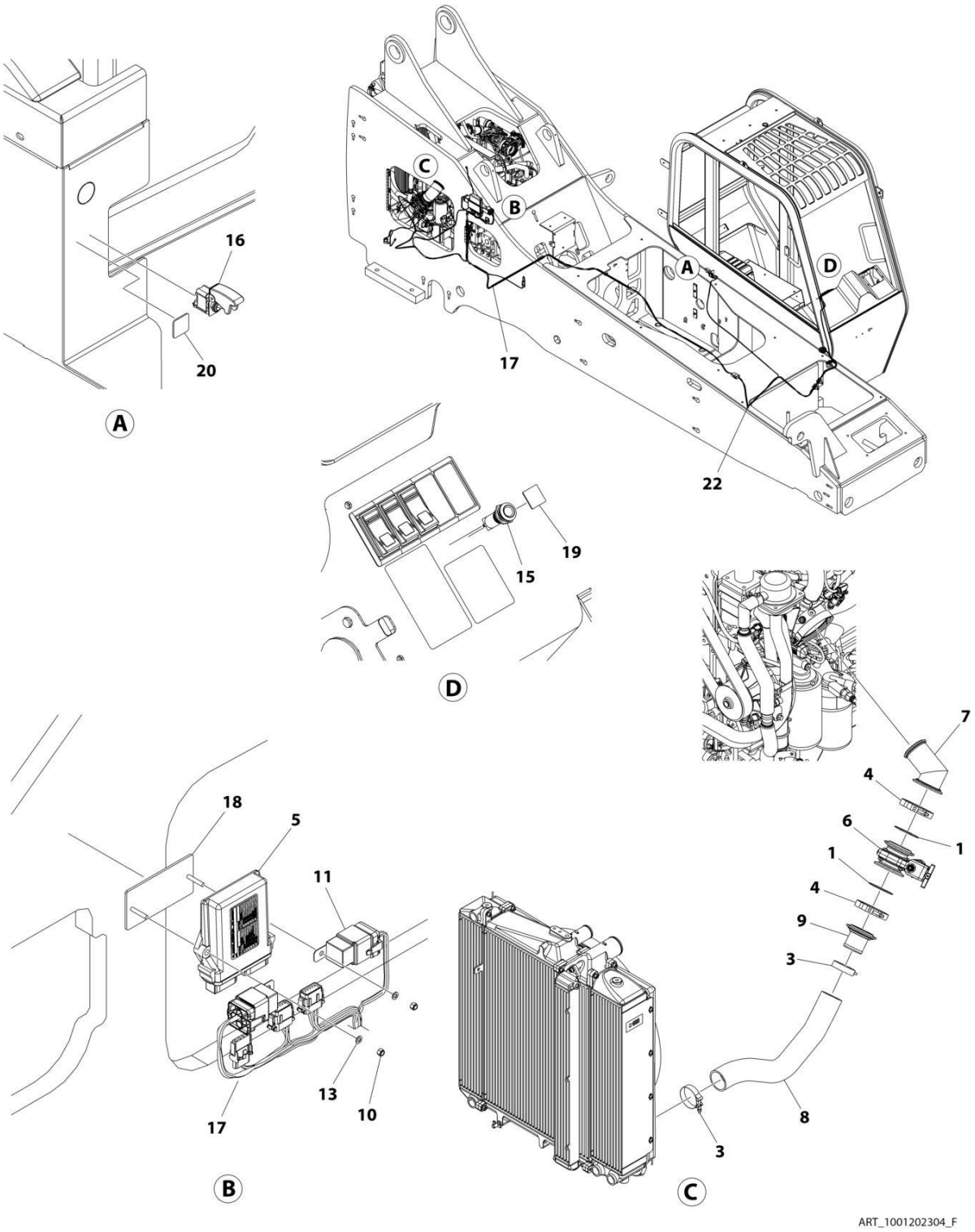


FIGURE 4-16. AIR INTAKE SHUT OFF VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202304	Ref	Air Intake Shut Off Valve Installation	F
1	3790152	2	Ring	
3	8405212	2	Clamp	
4	1001202247	2	Clamp	
5	1001203181	1	Accessory, Control	
6	1001204032	1	Valve, Air Shut Off (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
7	1001206956	1	Pipe	
8	1001206983	1	Hose	
9	1001206985	1	Adapter	
10	3290505	2	Nut M5 Grade 8	
11	3740080	2	Relay	
13	4811600	2	Washer, M5	
14	91053419	AR	Strap, Cable (not shown)	
15	1001239539	1	Lamp	
16	1001215941	1	Switch	
17	1001216455	1	Harness, POSI Air Shut Off Valve T4F (See Separate Breakdown in ELECTRICAL Section)	
18	1001219082	1	Bracket	
19	1001227077	1	Decal, Air Shut Off	
20	1001227964	1	Decal, ASOV Test	
22	1001231560	1	Harness, POSI Air Shut Off Valve Cab (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 4-17. COOLING INSTALLATION, 74HP

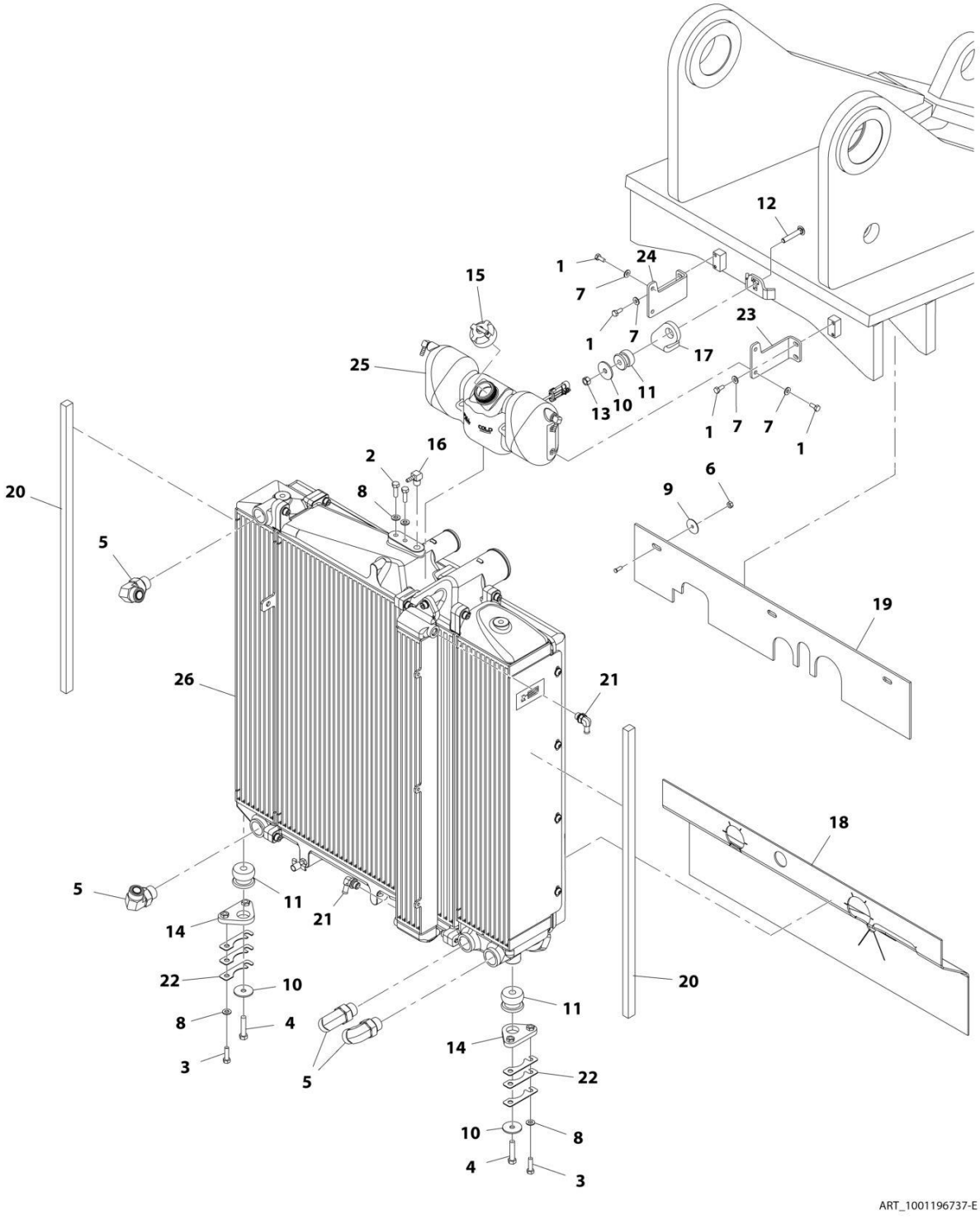


FIGURE 4-17. COOLING INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196737	Ref	Cooling Installation, 74HP	E
1	0641405	8	Bolt, 1/4-20X5/8	
2	0641508	2	Bolt, 5/16-18X1	
3	0641509	4	Bolt, 5/16-18X1-1/8	
4	0641614	2	Bolt, 3/8-16X1-3/4	
5	2131212	4	Adapter, 90	
6	3311401	3	Nut, 1/4-20	
7	4711400	8	Washer, 1/4	
8	4711500	6	Washer, 5/16	
9	4740362	3	Washer, Fender, 1/4	
10	7057141	3	Washer, Flat	
11	8278020	3	Mount, Rubber Isolator	
12	8310281	1	Bolt, Carriage 3/8-16X2-1/4	
13	8305008	1	Nut, 3/8-16	
14	1001120869	2	Bracket, Cooler Mount Lower	
15	1001128341	1	Cap, Deaeration Tank	
16	1001134488	1	Fitting, Barbed 90	
17	1001169059	1	Mount, Cooler Bracket	
18	1001170117	1	Panel, Air Dam	
19	1001170186	1	Panel, Air Dam Upper	
20	1001178582	2	Seal, Foam Gasket	
21	1001178776	2	Fitting, Hose Barb 90	
22	1001179845	6	Shim	
23	1001181584	1	Bracket, LH Tank	
24	1001181585	1	Bracket, RH Tank	
25	1001182255	1	Assembly, Deaeration Tank (See Separate Breakdown in this Section)	
26	1001197475	1	Assembly, Radiator (See Separate Breakdown in this Section)	

FIGURE 4-18. COOLING INSTALLATION, 85HP

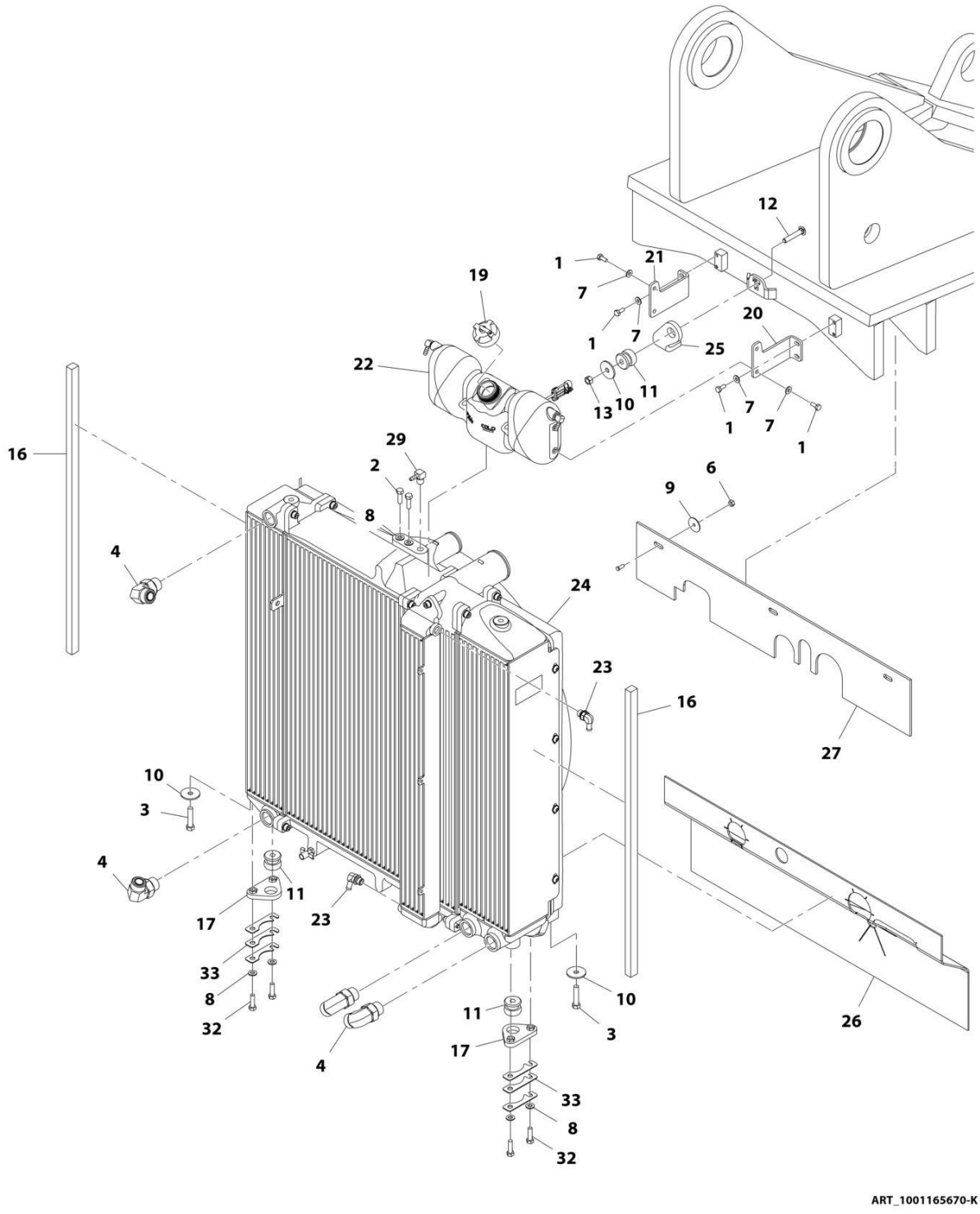


FIGURE 4-18. COOLING INSTALLATION, 85HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165670	Ref	Cooling Installation, 85HP	K
1	0641405	8	Bolt, 1/4-20X5/8	
2	0641508	2	Bolt, 5/16-18X1	
3	0641614	2	Bolt, 3/8-16X1-3/4	
4	2131212	4	Adapter, 90	
6	3311401	3	Nut, 1/4-20	
7	4711400	8	Washer, 1/4	
8	4711500	6	Washer, 5/16	
9	4740362	3	Washer, Fender 1/4	
10	7057141	3	Washer, Flat	
11	8278020	3	Mount, Rubber Isolator	
12	8310281	1	Bolt, Carriage 3/8-16X2-1/4	
13	8305008	1	Nut, 3/8-16	
16	1001178582	2	Seal, Foam Gasket	
17	1001120869	2	Bracket, Cooler Mount Lower	
19	1001128341	1	Cap, Deaeration Tank	
20	1001181584	1	Bracket, LH Tank	
21	1001181585	1	Bracket, RH Tank	
22	1001182255	1	Assembly, Deaeration Tank (See Separate Breakdown in this Section)	
23	1001178776	2	Fitting, Hose Barb 90	
24	1001168478	1	Assembly, Radiator (See Separate Breakdown in this Section)	
25	1001169059	1	Mount, Cooler Bracket	
26	1001170117	1	Panel, Air Dam	
27	1001170186	1	Panel, Air Dam Upper	
29	1001134488	1	Fitting, Barbed 90	
32	0641509	4	Bolt, 5/16-18X1-1/8	
33	1001179845	6	Shim	

FIGURE 4-19. DEAERATION TANK ASSEMBLY

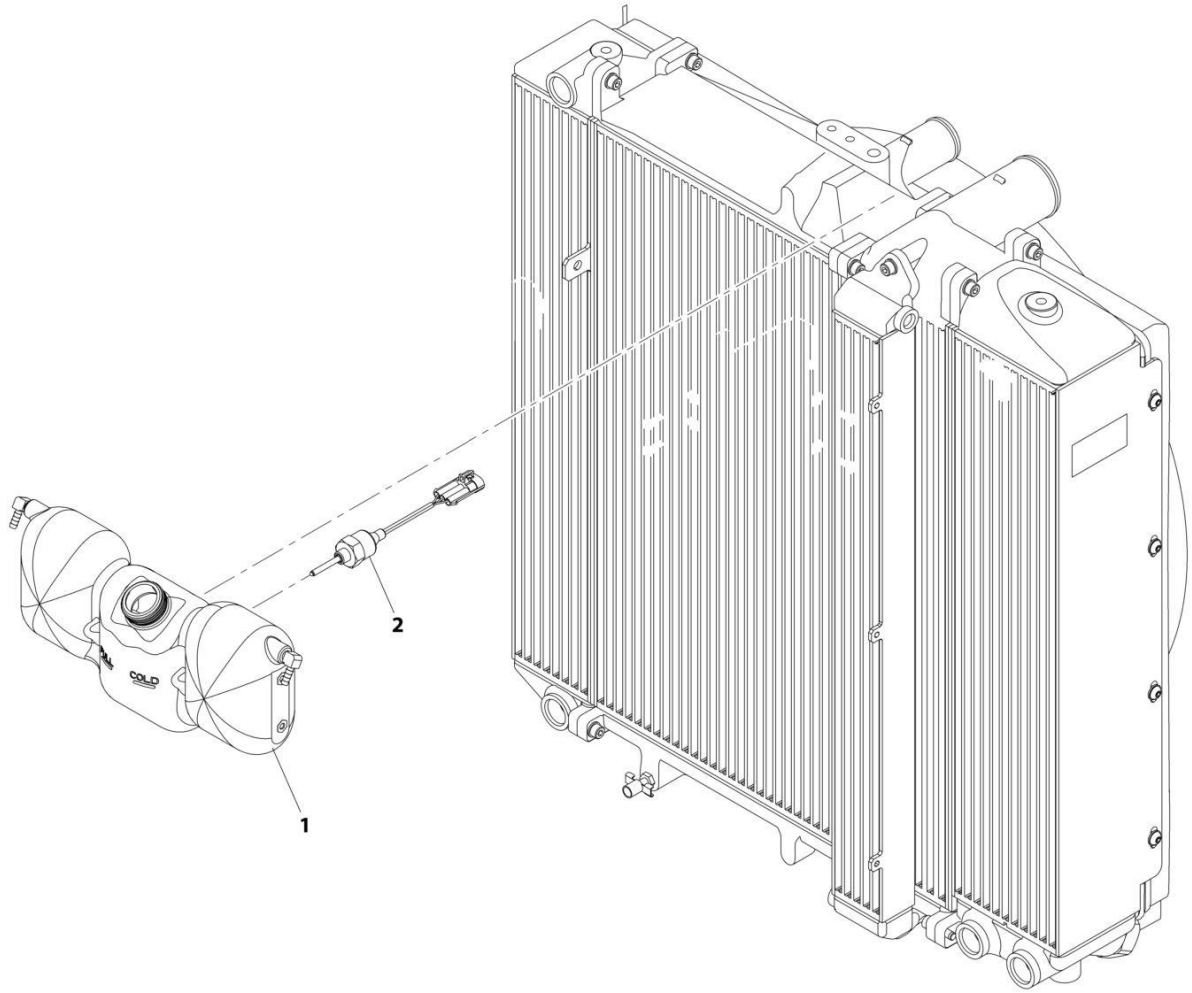


FIGURE 4-19. DEAERATION TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182255	Ref	Deaeration Tank Assembly	K
1	1001153912	1	Tank, Deaeration	
2	1001245478	1	Sensor, Coolant Level	

FIGURE 4-20. RADIATOR ASSEMBLY, 74HP

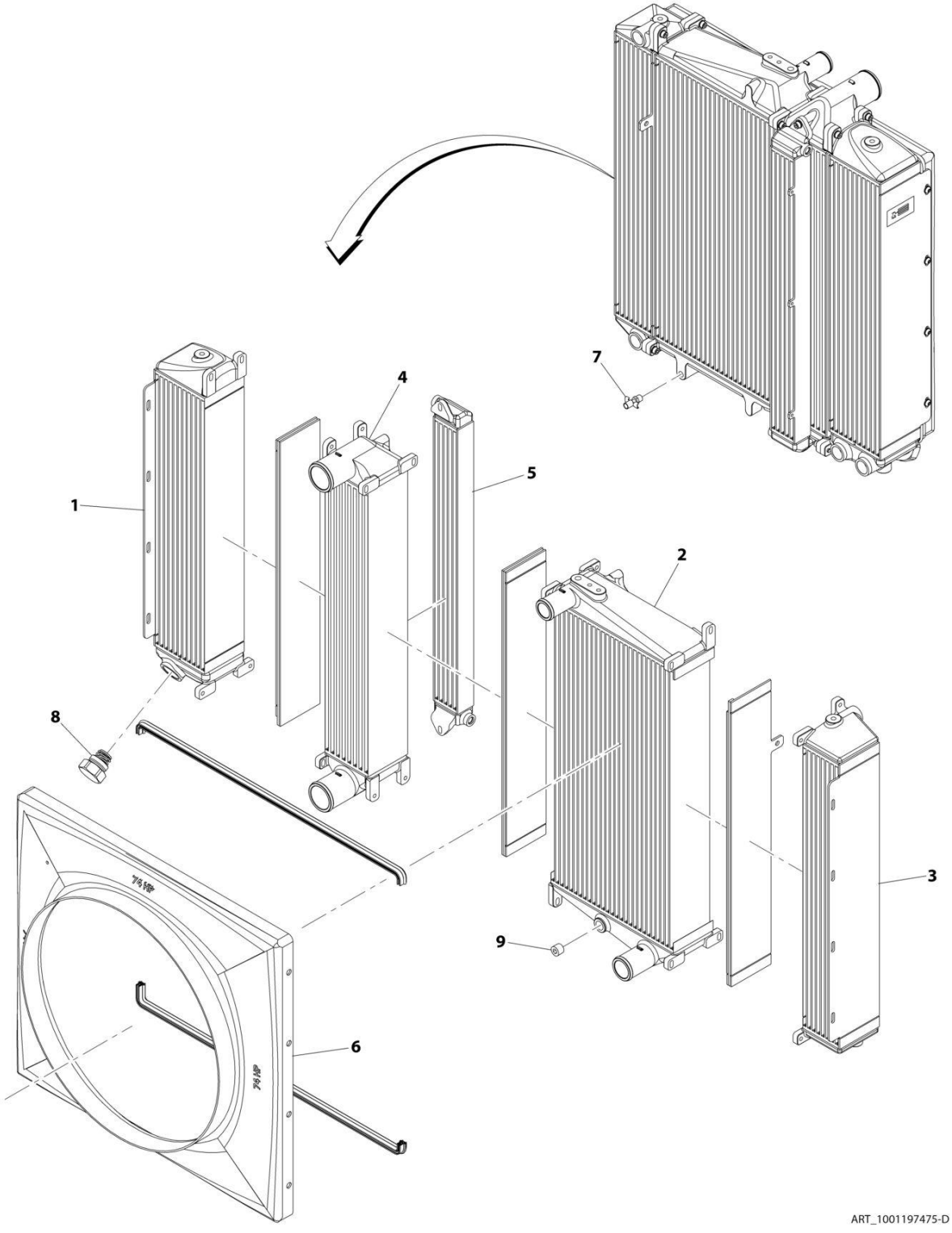


FIGURE 4-20. RADIATOR ASSEMBLY, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001197475	Ref	Radiator Assembly (74HP)	D
1	70026075	1	Transmission Oil Cooler	
2	70026076	1	Radiator	
3	70026077	1	Hydraulic Oil Cooler	
4	70026078	1	Charge Air Cooler	
5	70026079	1	Fuel Cooler	
6	70027094	1	Fan Shroud	
7	70026081	1	Petcock	
8	70026082	1	Valve, Bypass	
9	70026083	1	Plug, Hex	

FIGURE 4-21. RADIATOR ASSEMBLY, 85HP

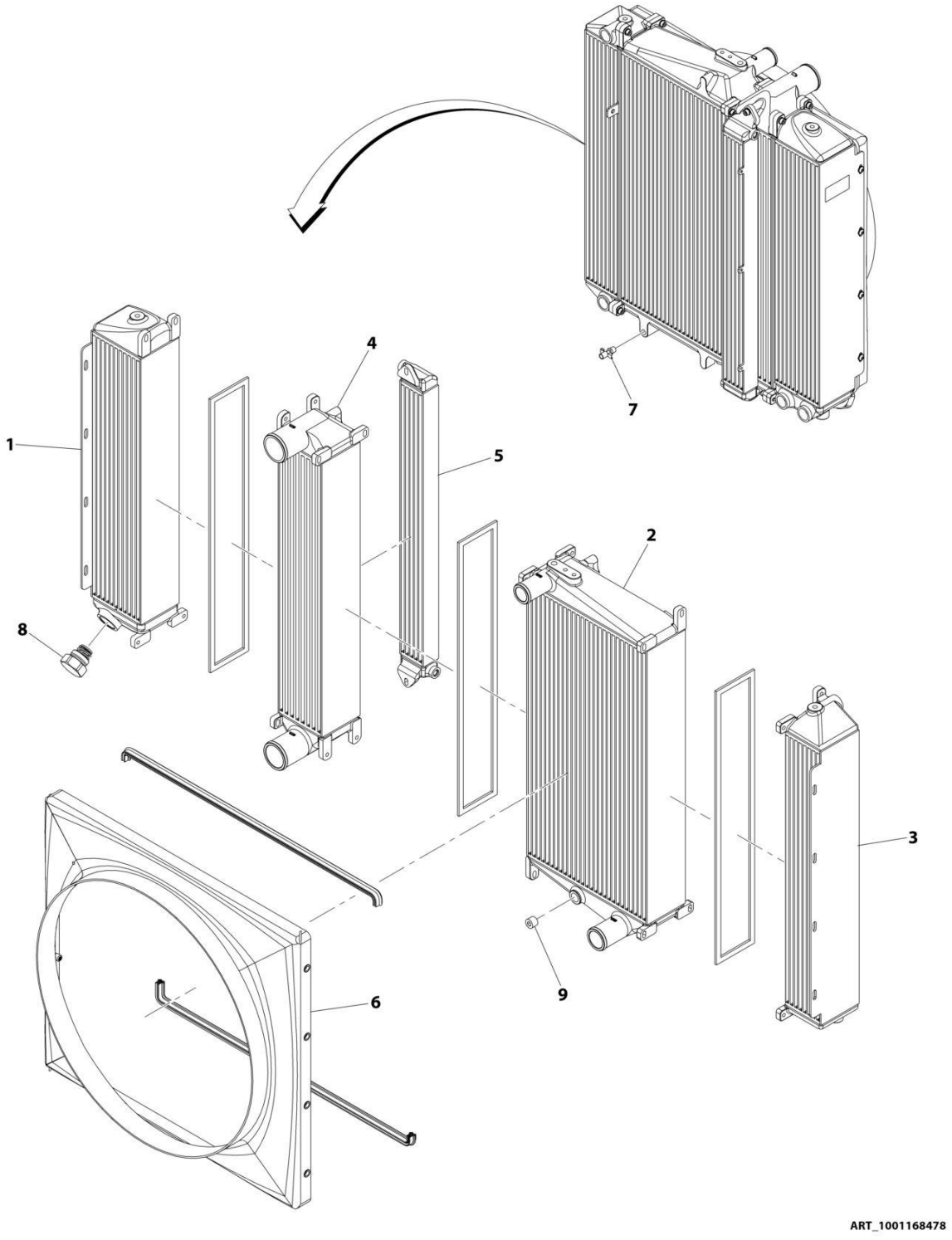


FIGURE 4-21. RADIATOR ASSEMBLY, 85HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168478	Ref	Radiator Assembly	F
1	70026075	1	Transmission Oil Cooler	
2	70026076	1	Radiator	
3	70026077	1	Hydraulic Oil Cooler	
4	70026078	1	Charge Air Cooler	
5	70026079	1	Fuel Cooler	
6	70026080	1	Shroud, Fan	
7	70026081	1	Petcock	
8	70026082	1	Valve, Bypass	
9	70026083	1	Plug, Hex	

FIGURE 4-22. FUEL PLUMBING INSTALLATION (ULS)

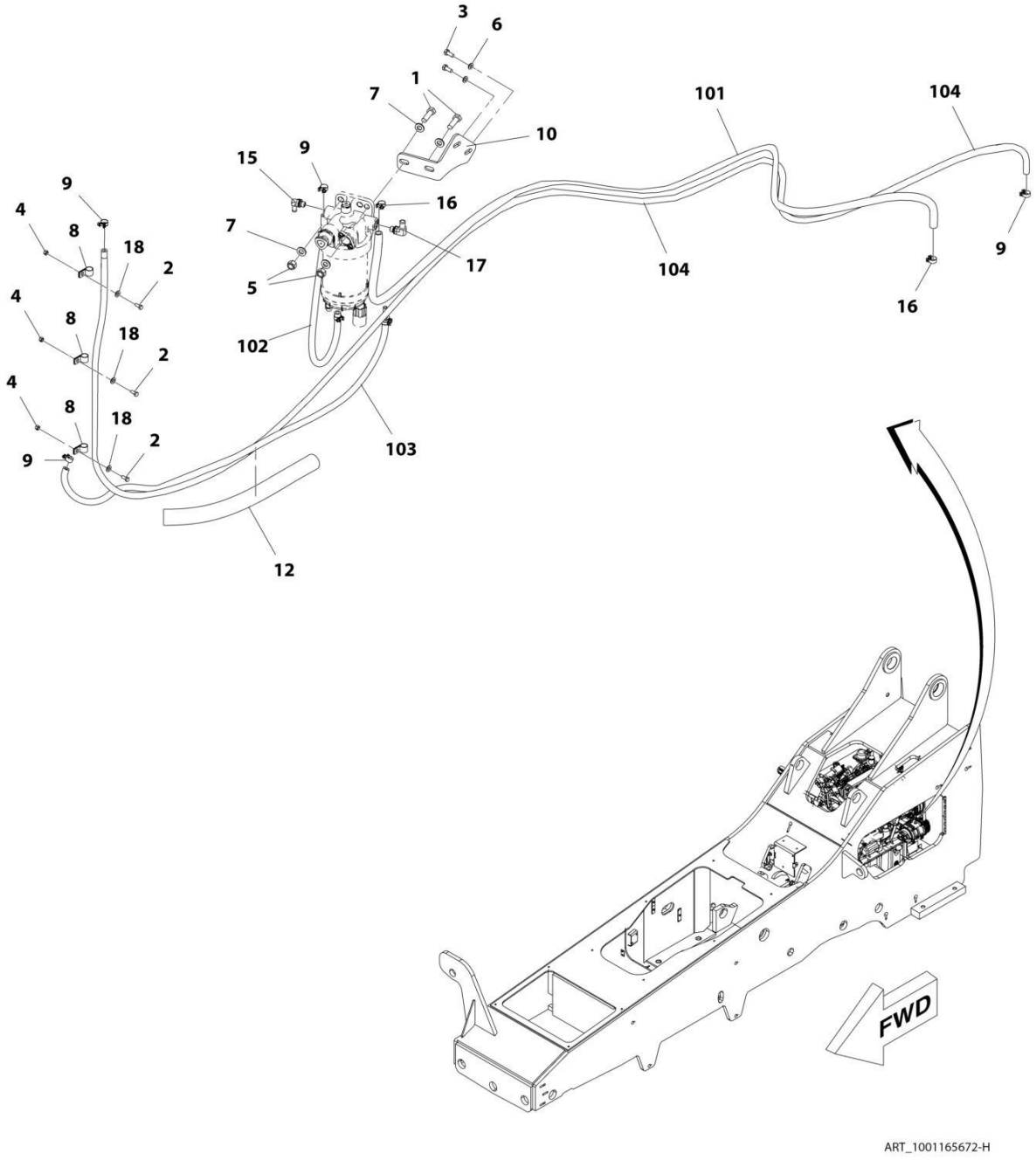


FIGURE 4-22. FUEL PLUMBING INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165672	Ref	Fuel Plumbing Installation (if equipped for ULS)	H
1	0701216	2	Bolt, M12X40	
2	0760608	3	Bolt, M6X16	
3	0761012	2	Bolt, M10X25	
4	3290605	3	Nut, Lock M6X1	
5	3291205	2	Nut, Lock M12X1-3/4	
6	4812000	2	Washer, M10	
7	4812100	4	Washer, M12	
8	8406112	3	Clip, Tube 5/8	
9	1001136975	5	Clamp, Fuel Hose	
10	1001182603	1	Bracket, Filter Mount	
12	1001136358	1	Sleeve, Abrasion	
15	1001182094	1	Adapter, Banjo M14X3/8	
16	1001175568	2	Clip, Hose	
17	1001179375	1	Adapter, Banjo M14X1/2	
18	4811700	3	Washer, M6	
101	1001171802	1	Hose	
102	1001171803	1	Hose	
103	1001201111	1	Hose	
104	1001171805	1	Hose	

FIGURE 4-23. FUEL PLUMBING INSTALLATION (LS)

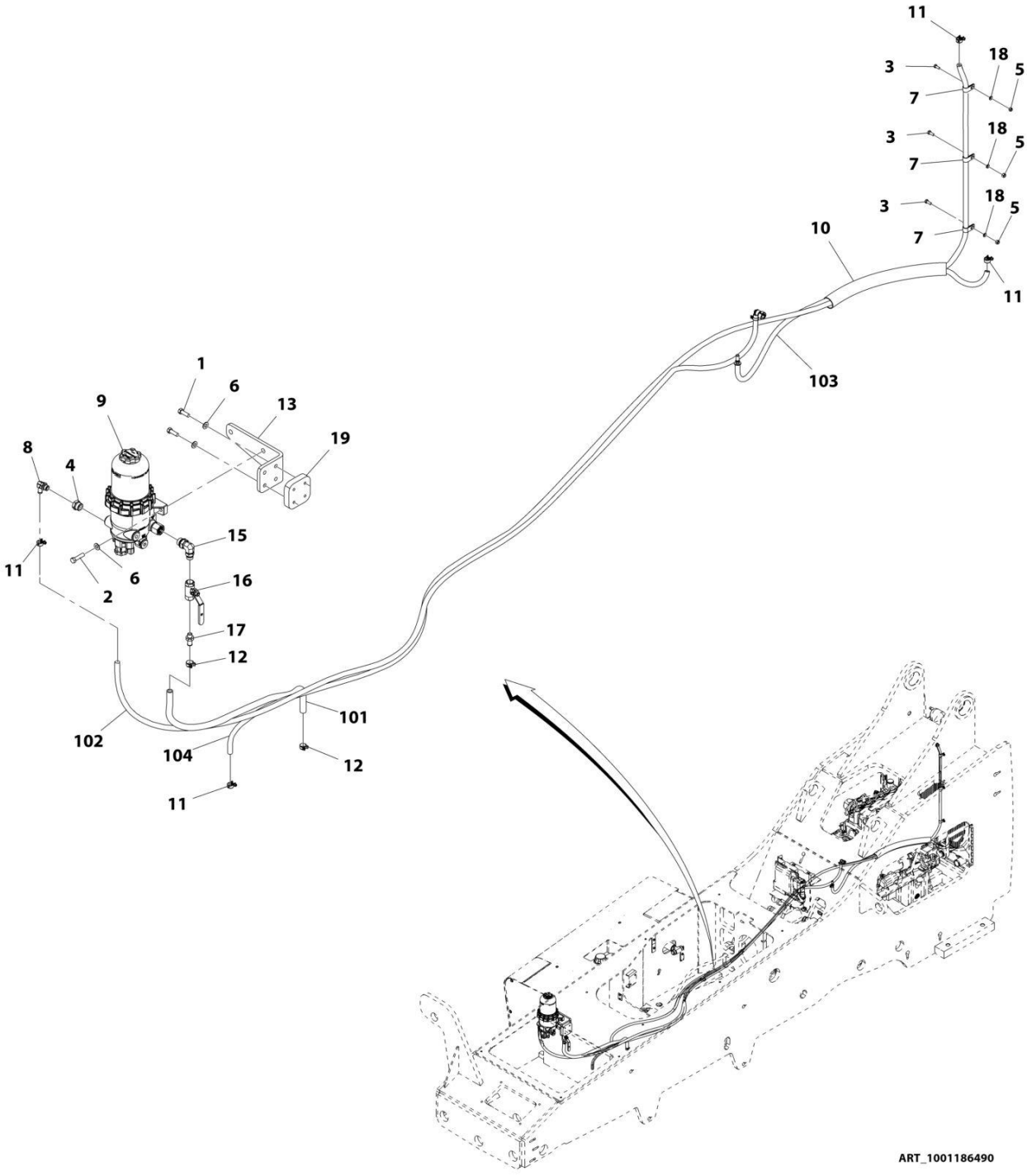


FIGURE 4-23. FUEL PLUMBING INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186490	Ref	Fuel Plumbing Installation (if equipped for LS)	J
1	0641609	4	Bolt, 3/8-16X1-1/8	
2	0641612	2	Bolt, 3/8-16X1-1/2	
3	0760608	3	Bolt, M6X16	
4	2220218	1	Adapter, Straight	
5	3290605	3	Nut, Lock M6X1	
6	4711600	6	Washer, 3/8	
7	8406112	3	Clip, Tube 5/8	
8	1001178776	1	Elbow, 90	
9	1001133534	1	Filter, Fuel	
10	1001136358	1	Sleeve, Abrasion	
11	1001136975	4	Clamp, Fuel Hose	
12	1001175568	2	Clip, Hose	
13	1001190349	1	Bracket, Support	
15	1001190629	1	Adapter, 90	
16	1001190630	1	Valve Shutoff, Female	
17	1001190631	1	Fitting, Hose Barb	
18	4811600	3	Washer, M6	
19	1001190344	1	Bracket	
100	1001190372	1	Hose Kit (Not Shown)	
101	1001190370	1	Hose	
102	1001190371	1	Hose	
103	1001201111	1	Hose	
104	1001171805	1	Hose	

FIGURE 4-24. PLUMBING COOLING INSTALLATION (ULS)

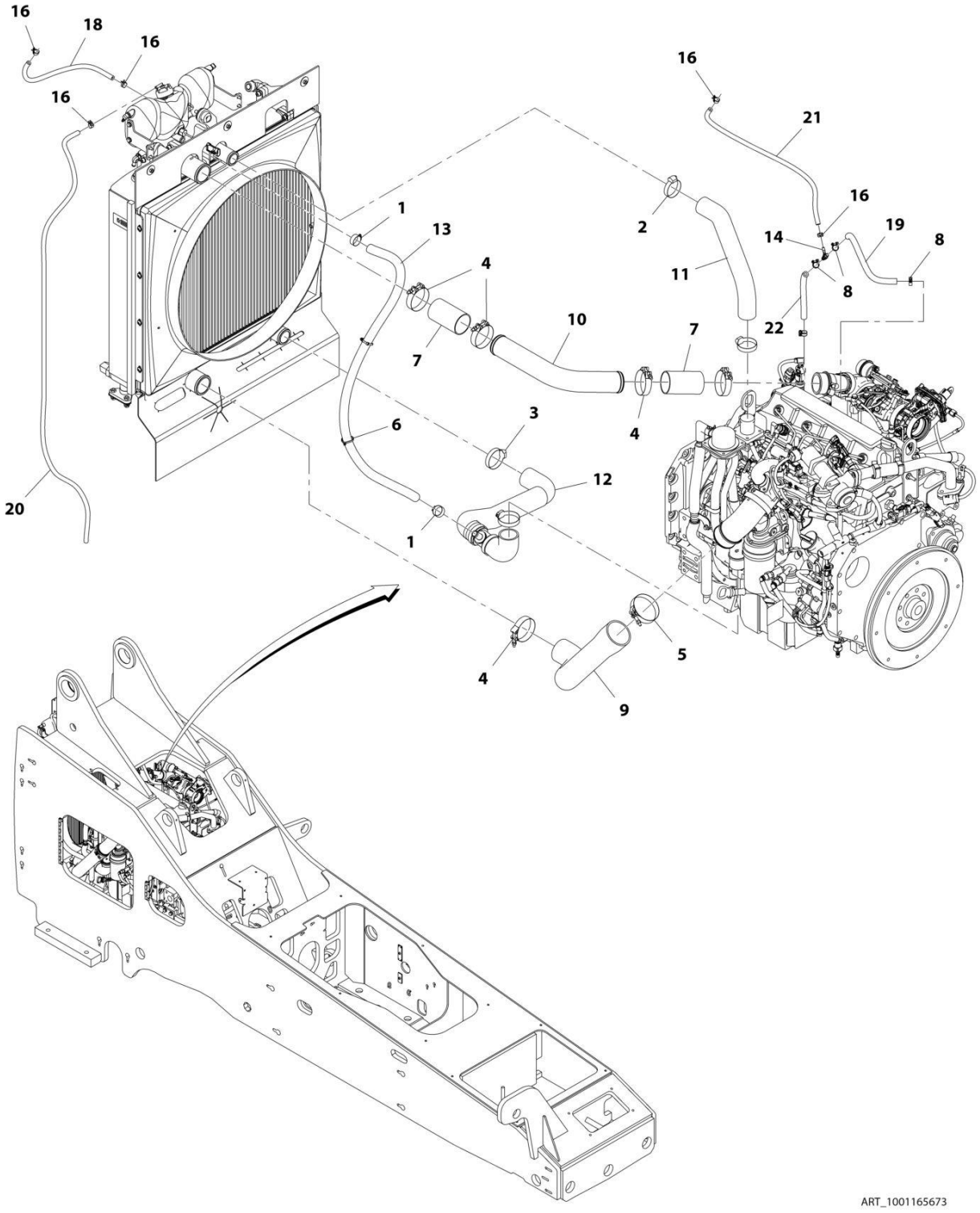


FIGURE 4-24. PLUMBING COOLING INSTALLATION (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165673	Ref	Plumbing Cooling Installation (if equipped for ULS)	I
1	8405007	2	Clamp, Gear 1-1/4	
2	8405104	2	Clamp, Gear 2-1/4	
3	8405201	2	Clamp, Gear 2-1/2	
4	8405212	5	Clamp, T-Bolt	
5	8405305	1	Clamp, T-Bolt	
6	1001004720	2	Strap, Cable	
7	1001114495	2	Hose, CAC Straight	
8	1001136975	4	Clamp, Fuel Hose	
9	1001201983	1	Hose, CAC Outlet	
10	1001169271	1	Pipe, CAC Inlet	
11	1001169272	1	Hose, Upper Radiator	
12	1001201945	1	Hose, Lower Radiator	
13	1001169274	1	Hose, Draw Down	
14	1001235725	1	Fitting, Union Tee	
16	1001213938	5	Clamp, Fuel Line	
18	1001203969	1	Hose, Vent Line	
19	1001203970	1	Hose, Vent Line	
20	1001204097	1	Hose, Vent Line	
21	1001204098	1	Hose, Vent Line	
22	1001204099	1	Hose, Vent Line	

FIGURE 4-25. PLUMBING COOLING INSTALLATION (LS)

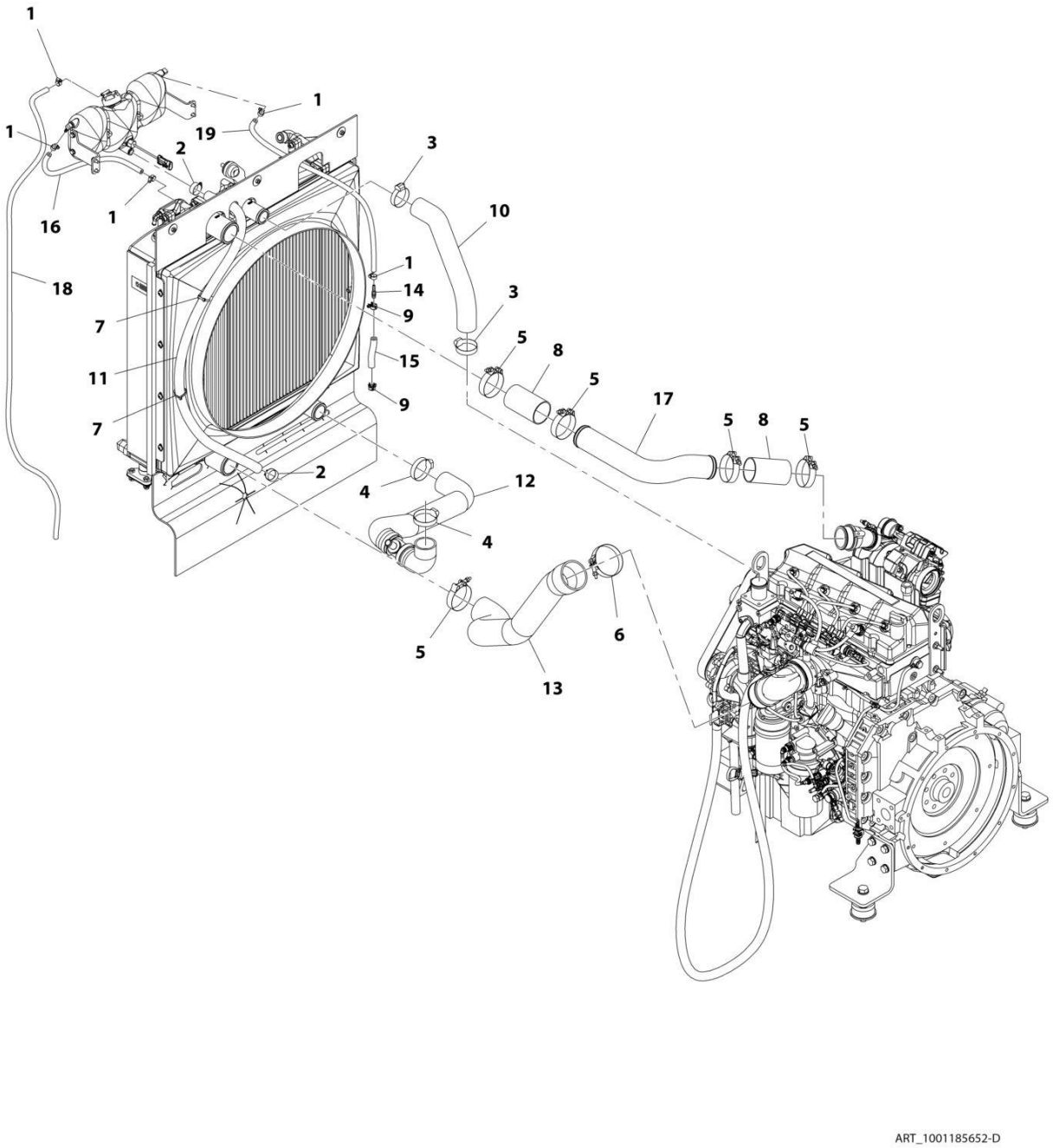


FIGURE 4-25. PLUMBING COOLING INSTALLATION (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185652	Ref	Plumbing Cooling Installation (if equipped for LS)	D
1	1320022	5	Clamp, Fuel Line	
2	8405007	2	Clamp, Gear 1-1/4	
3	8405104	2	Clamp, Gear 2-1/4	
4	8405201	2	Clamp, Gear 2-1/2	
5	8405212	5	Clamp, T-Bolt	
6	8405305	1	Clamp, T-Bolt	
7	1001004720	2	Strap, Cable	
8	1001114495	2	Hose, CAC Straight	
9	1001136975	2	Clamp, Fuel Hose	
10	1001169272	1	Hose, Upper Radiator	
11	1001169274	1	Hose, Draw Down	
12	1001201945	1	Hose, Lower Radiator	
13	1001189318	1	Hose, CAC Outlet	
14	1001189602	1	Fitting, Union Tee	
15	1001189712	1	Hose, Vent Line 3/8	
16	1001203969	1	Hose, Vent 1/4	
17	1001189715	1	Pipe, CAC Inlet	
18	1001204097	1	Hose, Vent 1/4	
19	1001204098	1	Hose, Vent 1/4	

FIGURE 4-26. ISOLATION COUPLER INSTALLATION

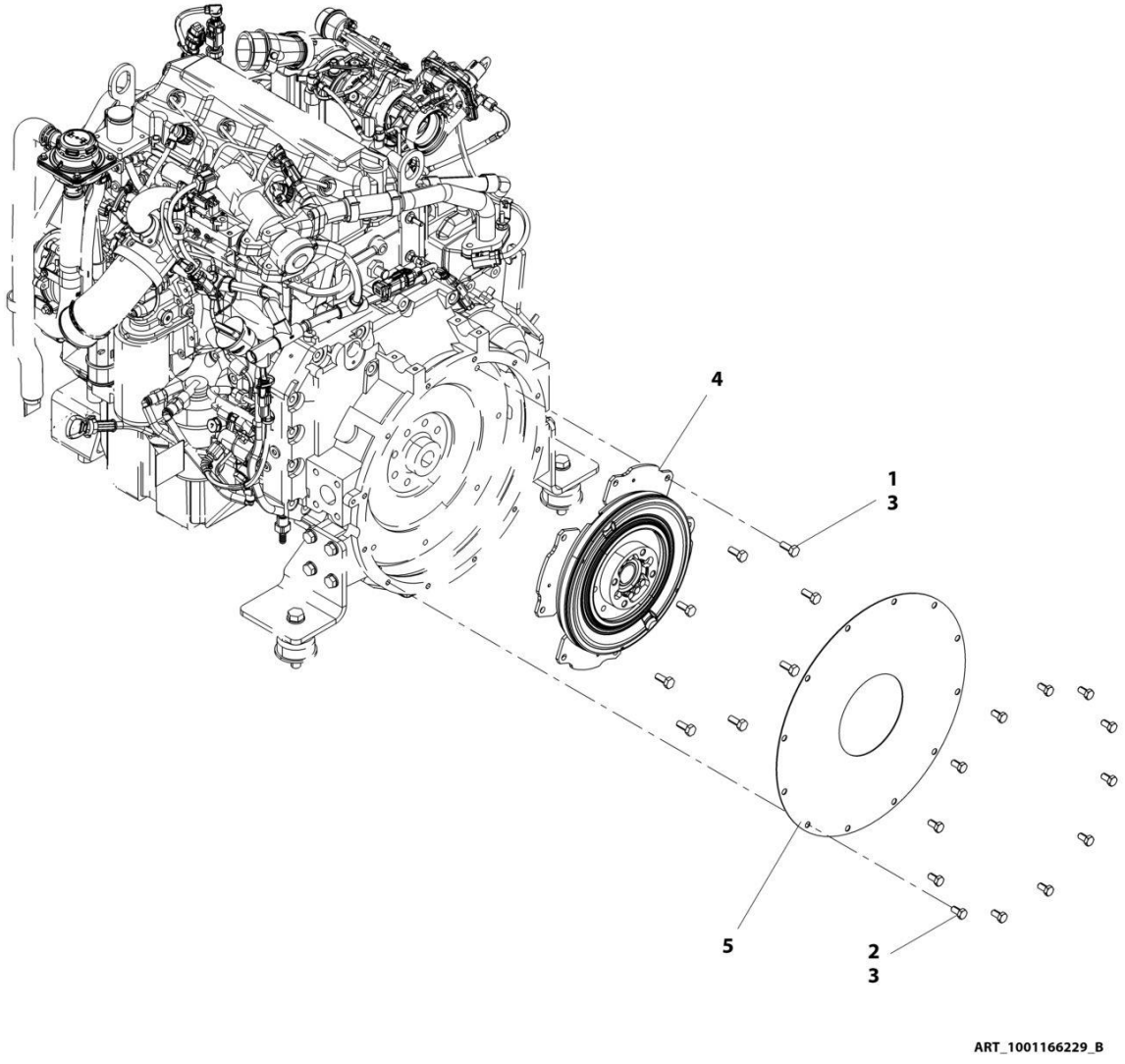


FIGURE 4-26. ISOLATION COUPLER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166229	Ref	Isolation Coupler Installation	B
1	0761012	8	Bolt, M10X25	
2	8303784	12	Bolt, M10X20	
3	8526007	AR	Compound, Locking	
4	1001180244	1	Coupling, Torsion Damper	
5	1001185071	1	Panel, Isolation Coupler	

FIGURE 4-27. A/C COMPONENTS INSTALLATION, 85HP

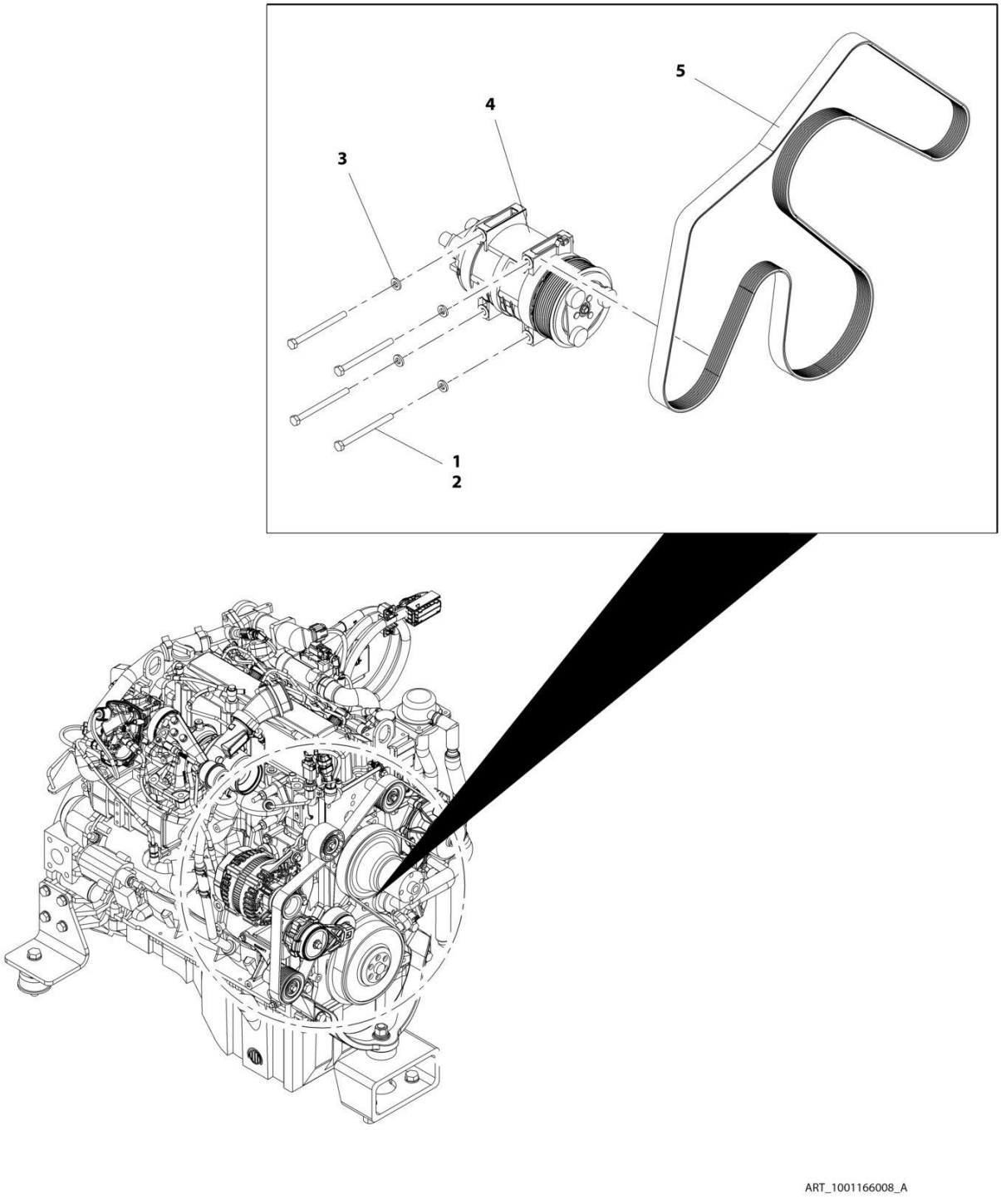


FIGURE 4-27. A/C COMPONENTS INSTALLATION, 85HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166008	Ref	A/C Components Installation	A
1	0100011	AR	Compound, Locking	
2	0700827	4	Bolt, M8X100	
3	5240800	4	Washer, M8	
4	1001157663	1	Compressor, A/C	
5	1001167357	1	Belt	

FIGURE 4-28. A/C COMPONENTS INSTALLATION, 74HP

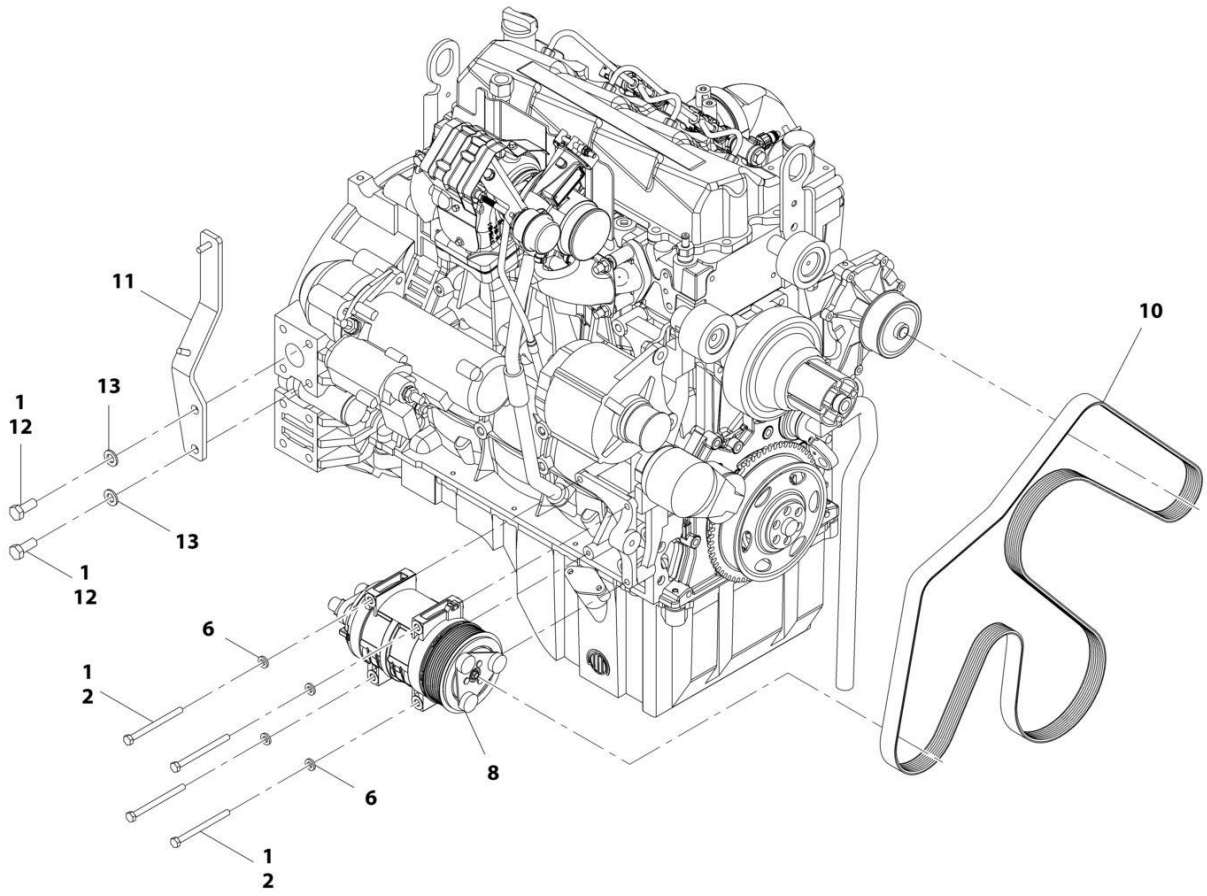


FIGURE 4-28. A/C COMPONENTS INSTALLATION, 74HP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190295	Ref	A/C Components Installation (if equipped for LS)	B
1	0100011	AR	Compound, Locking	
2	0700827	4	Bolt, M8X100	
6	5240800	4	Washer, M8	
8	1001157663	1	Compressor, A/C	
10	1001167357	1	Belt	
11	1001197233	1	Bracket, AC Hose Support	
12	0711214	2	Bolt, M12X30	
13	4812100	2	Washer, M12	

FIGURE 4-29. HEATER BREATHER

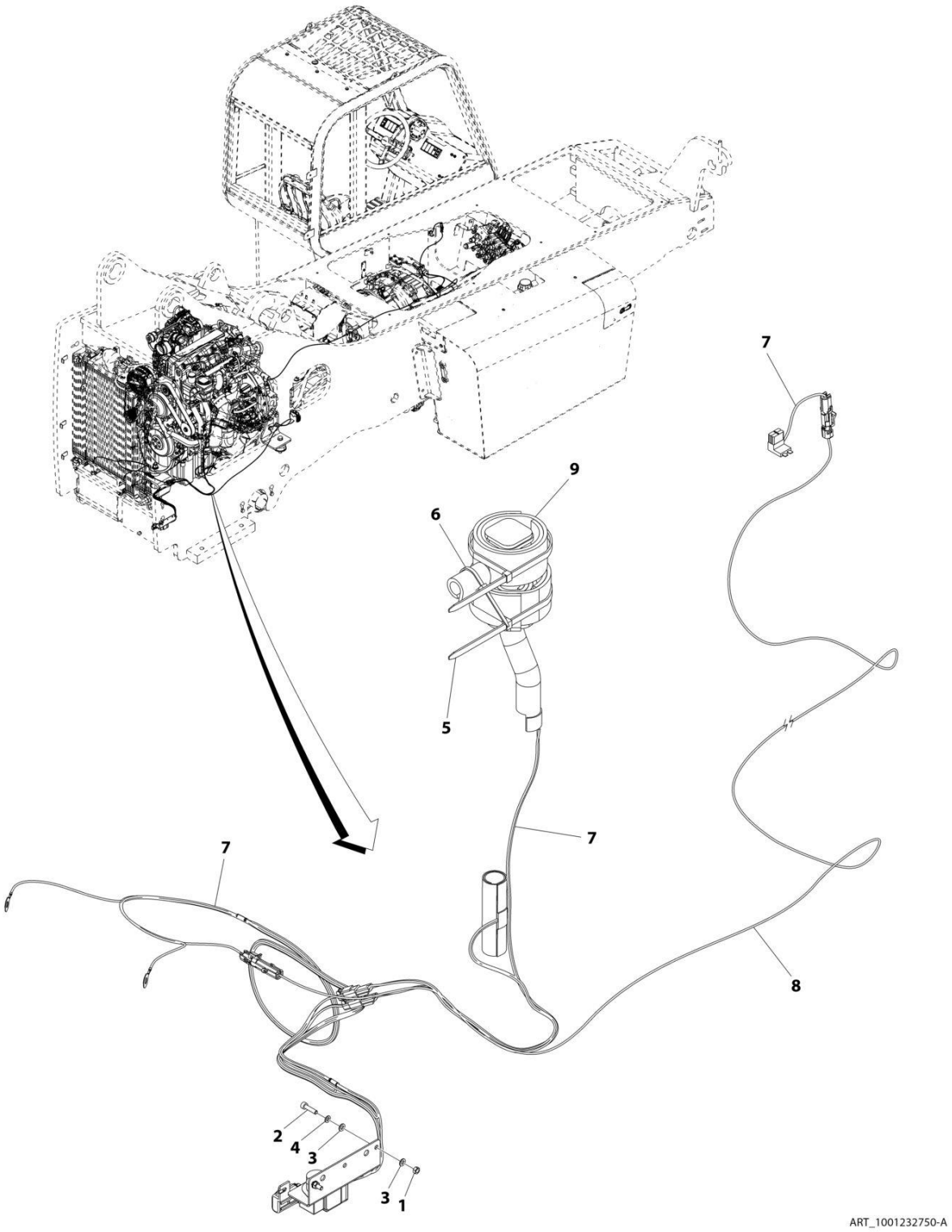


FIGURE 4-29. HEATER BREATHER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001232750	Ref	Heater Breather - 74 HP	A
1	3290501	2	Nut, M5X0.8	
2	4031608	2	Screw, M5X20	
3	4811600	4	Washer, M5	
4	4831600	2	Washer, Lock M5	
5	01043892	2	Strap, Tie	
6	86683122	1	Strap, Tie	
7	1001232439	1	Engine, Cummins Breather Kit	
8	1001232599	1	Harness, Cummins Breather Heater	
9	1001232624	1	Insulate, Cummins Insulation	

SECTION 5 - DRIVE TRAIN

FIGURE 5-1. TRANSMISSION INSTALLATION

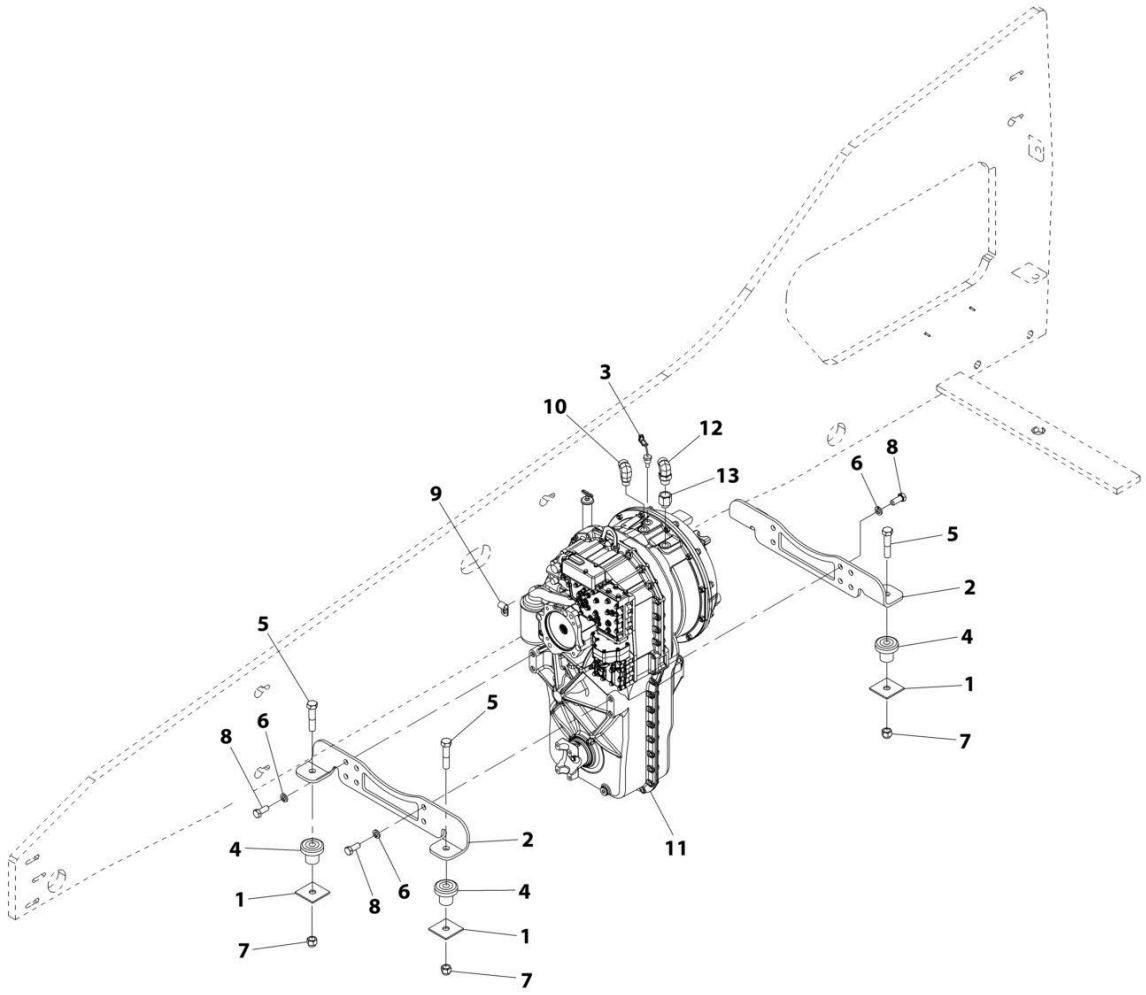
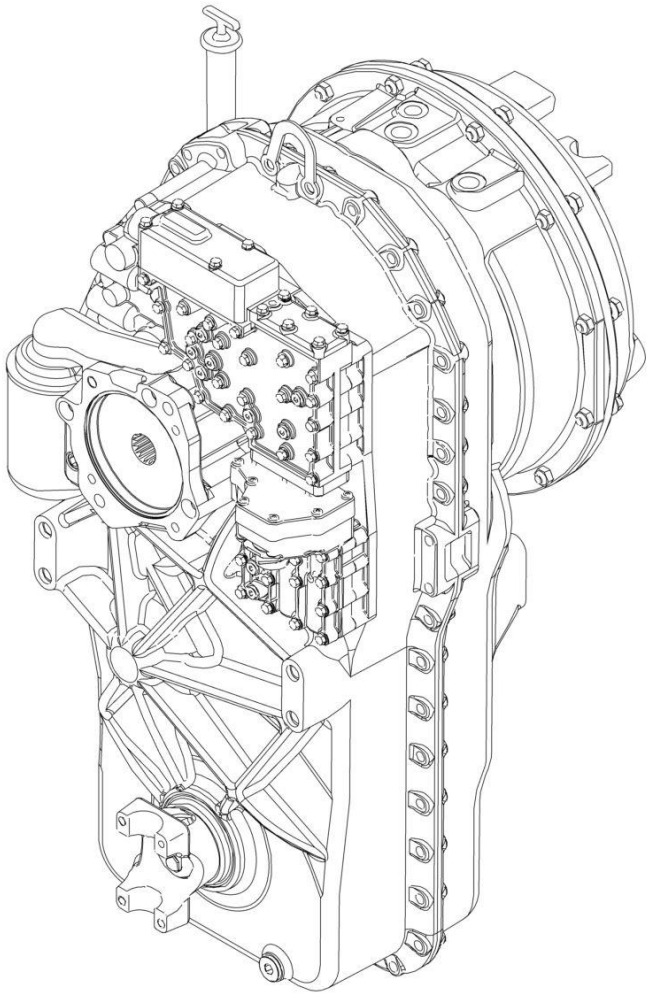


FIGURE 5-1. TRANSMISSION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001108524	Ref	Transmission Installation	B
1	7054351	4	Washer, Rebound	
2	7138634	2	Bracket, Transmission Mount	
3	8223232	1	Switch, Transmission Temperature	
4	91403097	4	Mount, Rubber	
5	8303724	4	Bolt, 3/4-10X3-1/2	
6	8307049	8	Washer, Lock M16	
7	8310067	4	Nut, Lock 3/4-10	
8	8310215	8	Bolt, M16X40	
9	8406105	1	Clip, Tube	
10	2131210	1	Adapter, 90	
11	8841036	1	Transmission, 4-Speed (See Separate Breakdown in this Section)	
12	2131212	1	Adapter, 90	
13	8760548	1	Adapter, Straight	

FIGURE 5-2. TRANSMISSION



ART_8841036_1-C

FIGURE 5-2. TRANSMISSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION ASSEMBLY	C
		Ref	Transmission - Engine Connection and Converter (See Separate Breakdown in this Section)	
		Ref	Transmission - Input Shafts (See Separate Breakdown in this Section)	
		Ref	Transmission - Gearbox Housing (See Separate Breakdown in this Section)	
		Ref	Transmission - Coupling Group 1 (See Separate Breakdown in this Section)	
		Ref	Transmission - Coupling Group 2 (See Separate Breakdown in this Section)	
		Ref	Transmission - Coupling Group 3 (See Separate Breakdown in this Section)	
		Ref	Transmission - Coupling Group 4 (See Separate Breakdown in this Section)	
		Ref	Transmission - Reversing Gear Group 1 (See Separate Breakdown in this Section)	
		Ref	Transmission - Reversing Gear Group 2 (See Separate Breakdown in this Section)	
		Ref	Transmission - Output (See Separate Breakdown in this Section)	
		Ref	Transmission - Control Unit (See Separate Breakdown in this Section)	
		Ref	Transmission - Valve Housing Assembly (See Separate Breakdown in this Section)	
		Ref	Transmission - Valve Block Assembly (See Separate Breakdown in this Section)	
		Ref	Transmission - Oil Pump and Filter (See Separate Breakdown in this Section)	

FIGURE 5-3. TRANSMISSION, ENGINE CONNECTION AND CONVERTER

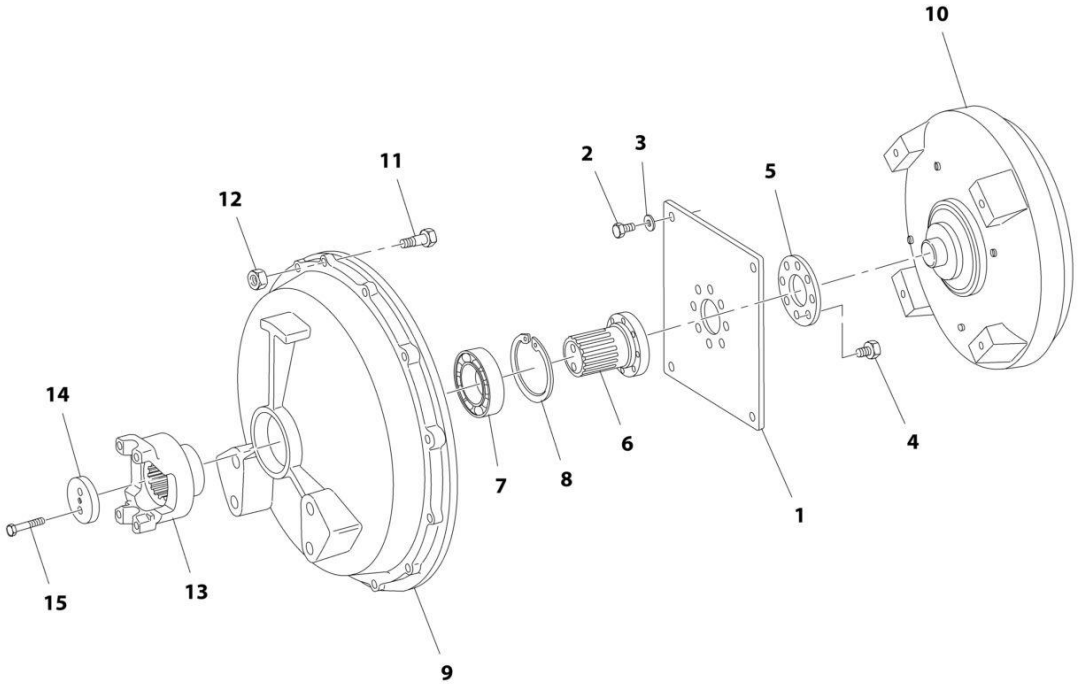


FIGURE 5-3. TRANSMISSION, ENGINE CONNECTION AND CONVERTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - ENGINE CONNECTION AND CONVERTER	
1	1319203	1	Diaphragm	
2	1319204	4	Bolt, M10X18	
3	10732095	4	Washer	
4	10731702	8	Bolt, M10X16	
5	1319213	1	Washer	
6	70023482	1	Shaft, Input	
7	1319209	1	Bearing, Ball	
8	1319210	1	Ring, Retaining	
9	8036021	1	Cover	
10	8036022	1	Converter	
11	10731748	12	Bolt, M10X45	
12	10731751	12	Nut, M10	
13	1319211	1	Yoke, End	
14	1319205	1	Washer	
15	70023483	2	Bolt	

FIGURE 5-4. TRANSMISSION, INPUT SHAFTS

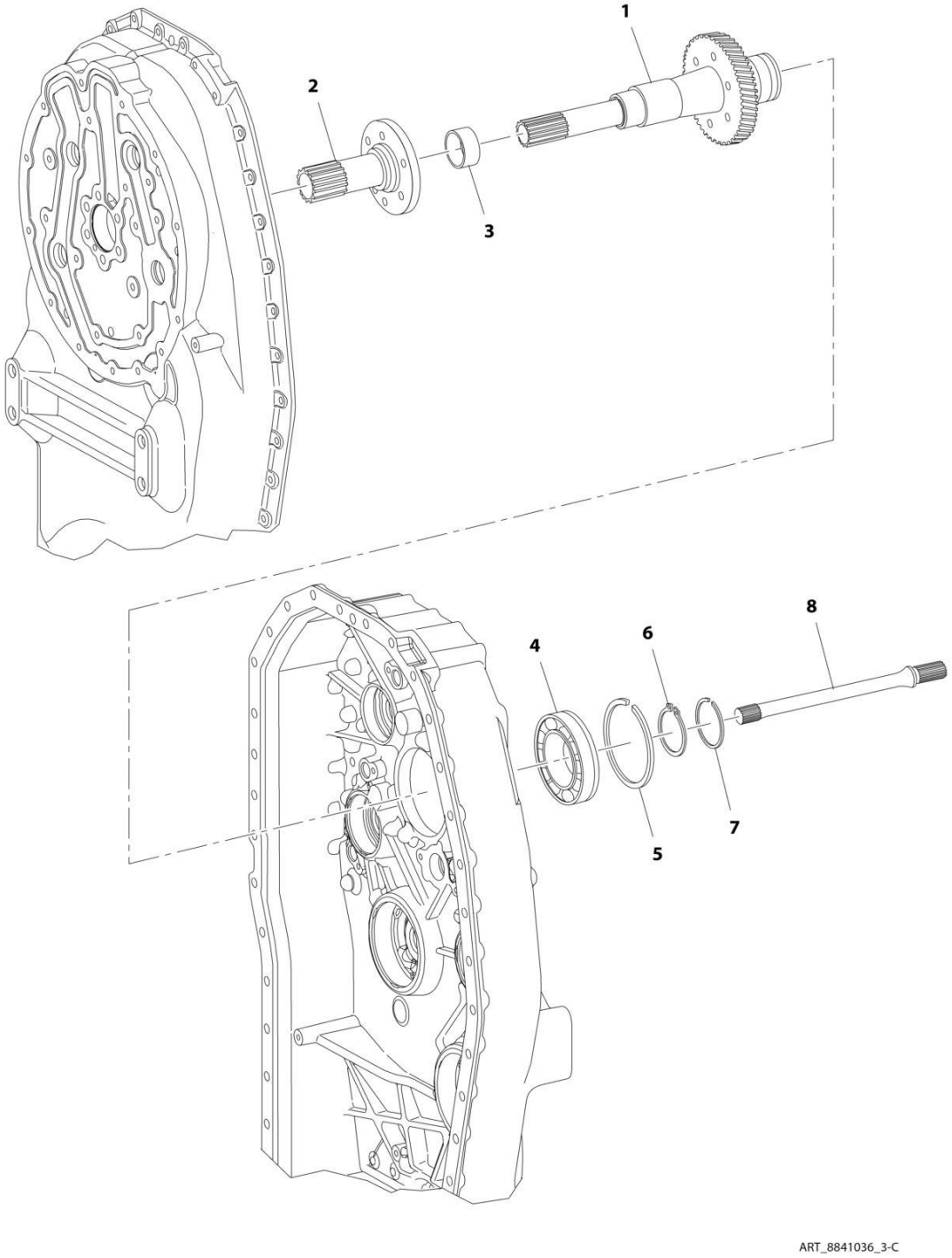


FIGURE 5-4. TRANSMISSION, INPUT SHAFTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - INPUT SHAFTS	
1	8036023	1	Shaft, Turbine	
2	1319557	1	Shaft, Stator	
3	1319558	1	Bushing, Bearing	
4	1319563	1	Bearing, Ball	
5	10731913	1	Ring, Snap	
6	80304405	1	Ring, Retaining	
7	1319565	1	Ring, Piston	
8	1319566	1	Shaft, Central	

FIGURE 5-5. TRANSMISSION, GEARBOX HOUSING

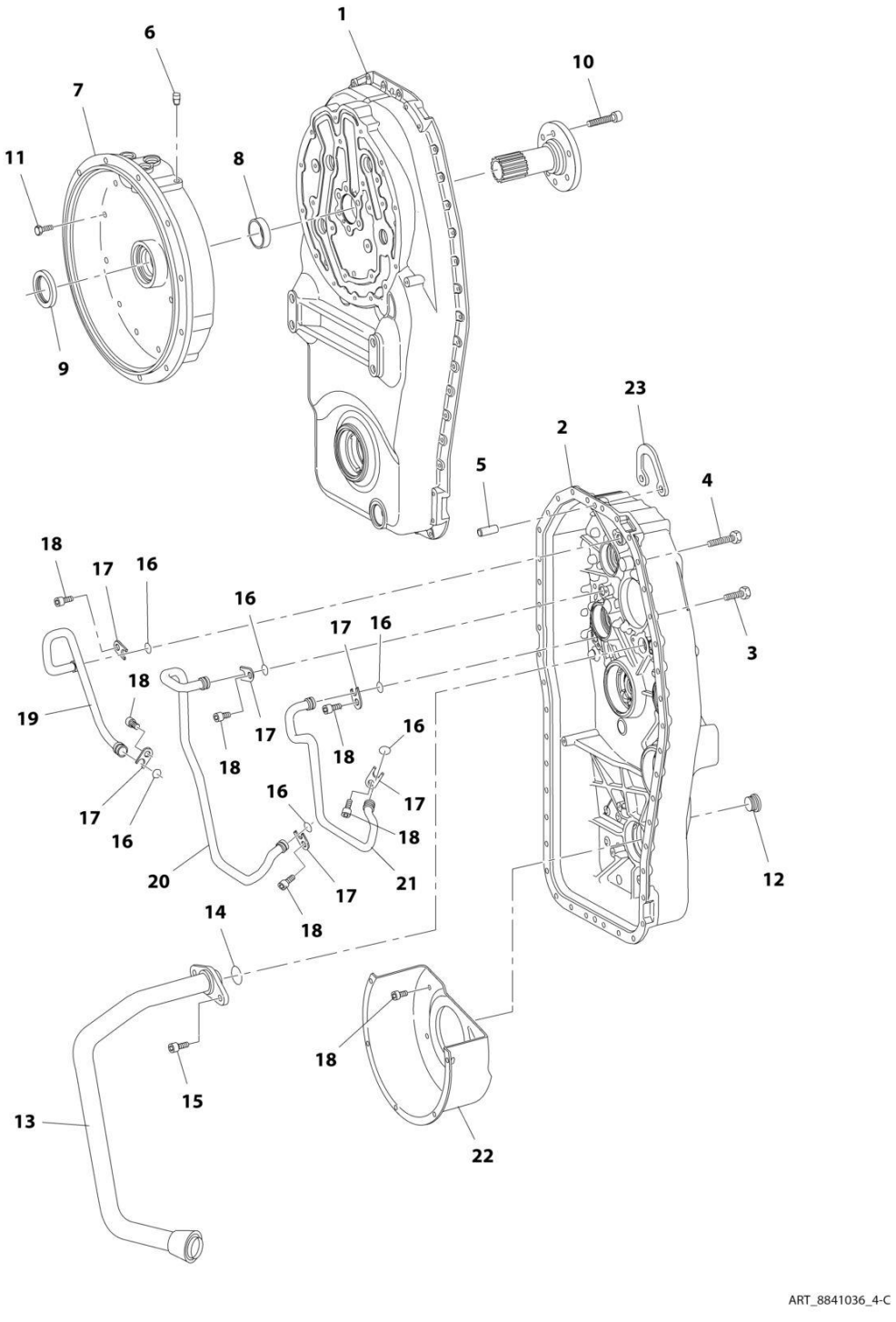


FIGURE 5-5. TRANSMISSION, GEARBOX HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - GEARBOX HOUSING	
1	8036024	1	Housing I	
2	8036025	1	Housing II	
3	1319569	36	Bolt, M10X30	
4	1319570	6	Bolt, M10X50	
5	1319571	2	Pin, Cylindrical M6X24	
6	10731744	1	Breather	
7	1319574	1	Bell, Converter	
8	1319575	1	Bushing, Bearing	
9	1319576	1	Seal, Shaft	
10	1319577	6	Screw, M10X50	
11	1319569	23	Bolt, M10X30	
12	70023404	1	Plug, Screw	
13	8036026	1	Pipe, Oil Suction	
14	70023885	1	O-Ring	
15	1319582	2	Screw, M8X20	
16	1319583	6	O-Ring	
17	1319584	6	Plate, Fixing	
18	1319585	11	Screw, M8X16	
19	1319586	1	Pipe	
20	1319587	1	Pipe	
21	8036027	1	Pipe	
22	8036028	1	Sheet, Screen	
23	1319590	1	Bracket	

FIGURE 5-6. TRANSMISSION, COUPLING GROUP 1

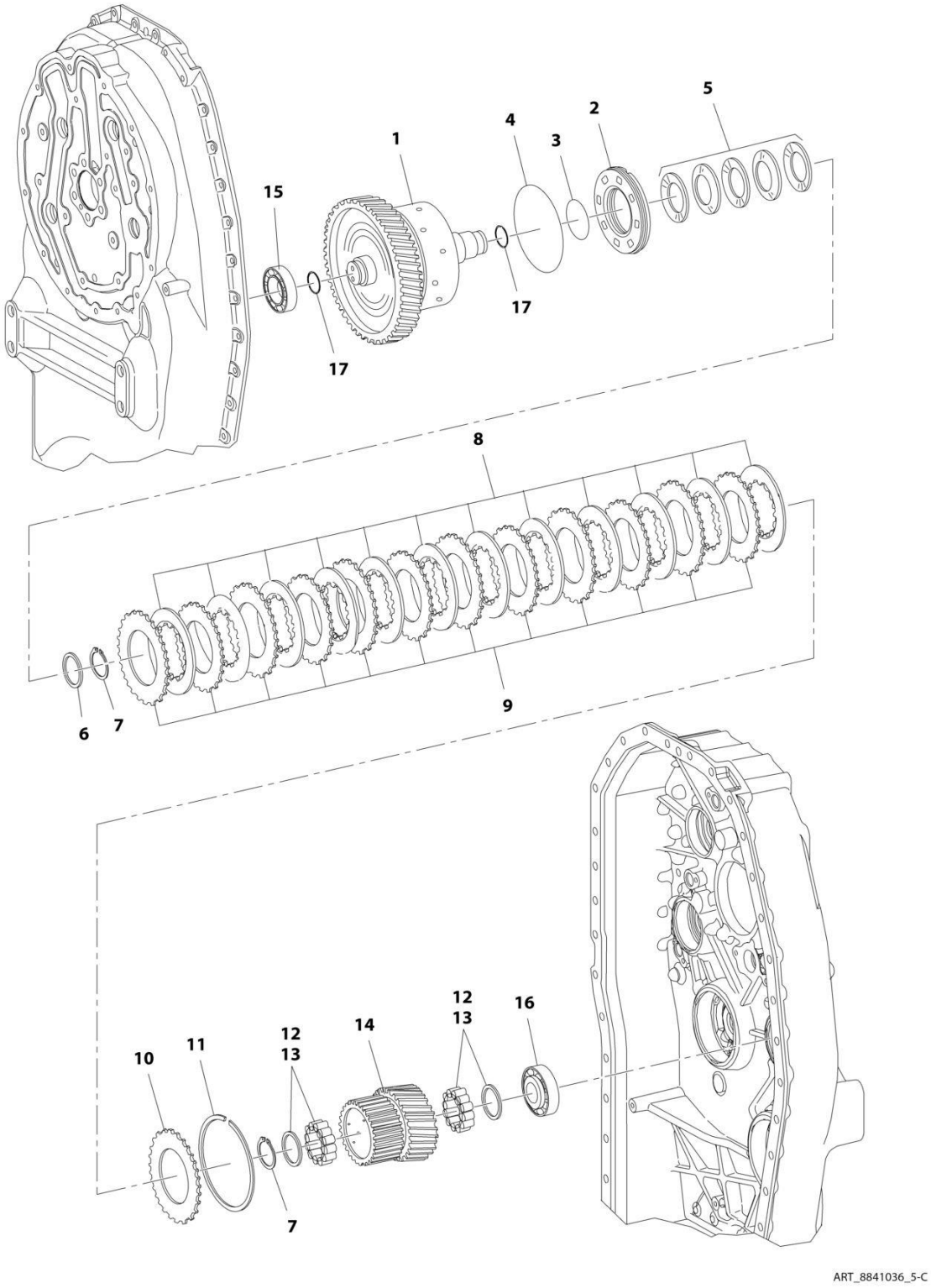


FIGURE 5-6. TRANSMISSION, COUPLING GROUP 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 1	
1	1319591	1	Coupling	
2	1319592	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319596	1	Shim	
7	10731845	2	Ring, Retaining	
8	7026758	12	Disc, Inner Clutch	
9	7026759	12	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319605	2	Cage, Roller	
13	1319606	2	Cage, Roller	
14	1319607	1	Carrier, Disc	
15	1319608	1	Bearing, Roller	
16	1319609	1	Bearing, Roller	
16	1319610	1	Bearing, Roller	
16	1319611	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-7. TRANSMISSION, COUPLING GROUP 2

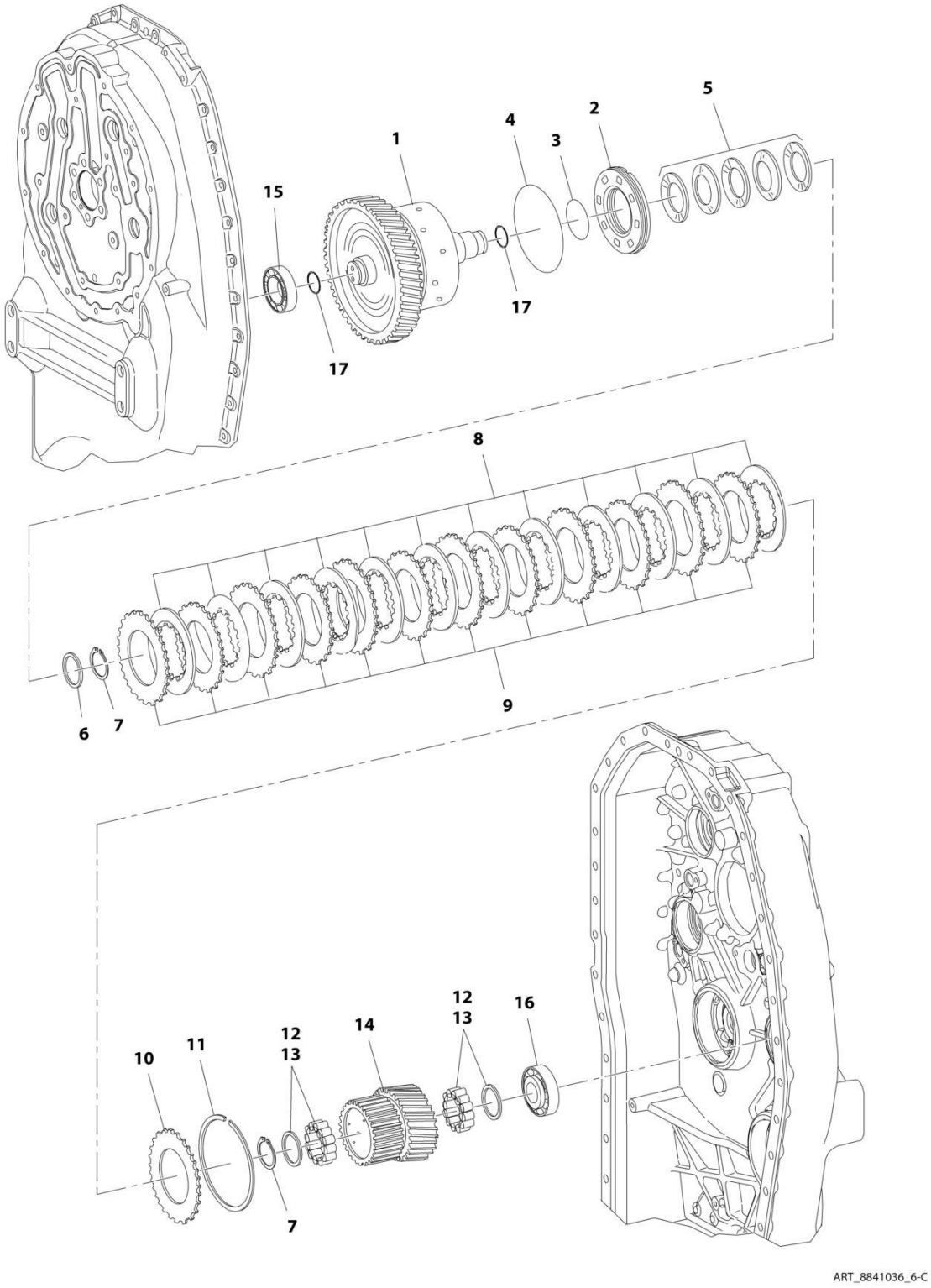


FIGURE 5-7. TRANSMISSION, COUPLING GROUP 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 2	
1	1319613	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319596	1	Shim	
7	10731845	2	Ring, Retaining	
8	7026758	8	Disc, Inner Clutch	
9	7026759	8	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319605	2	Cage, Roller	
13	1319606	2	Cage, Roller	
14	1319614	1	Carrier, Disc	
15	1319615	1	Bearing, Roller	
16	8036190	1	Assembly, Roller Bearing	
16	7029532	1	Ring, Outer	
16	7029533	1	Ring, Inner	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-8. TRANSMISSION, COUPLING GROUP 3

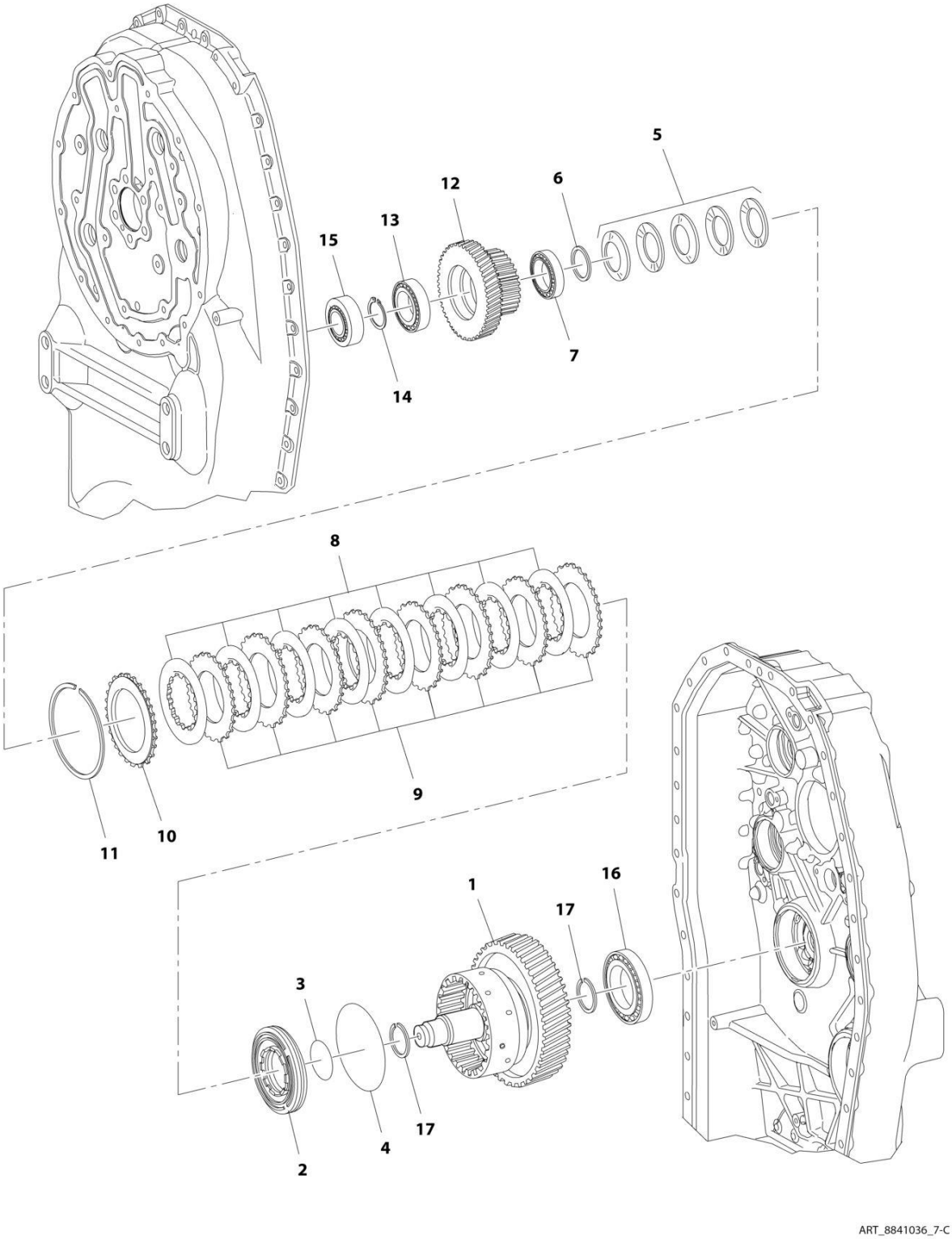


FIGURE 5-8. TRANSMISSION, COUPLING GROUP 3

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 3	
1	1319616	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	8	Disc, Inner Clutch	
9	7026759	8	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319619	1	Carrier, Disc	
13	1319620	1	Bearing, Roller	
14	1319621	1	Ring, Retaining 3.2	
14	1319622	1	Ring, Retaining 3.1	
14	1319623	1	Ring, Retaining 3	
14	1319624	1	Ring, Retaining 2.9	
14	1319625	1	Ring, Retaining 2.8	
14	1319626	1	Ring, Retaining 2.7	
14	1319627	1	Ring, Retaining 2.6	
14	1319628	1	Ring, Retaining 2.5	
14	1319629	1	Ring, Retaining 2.4	
14	1319630	1	Ring, Retaining 2.3	
14	1319631	1	Ring, Retaining 2.2	
14	1319632	1	Ring, Retaining 2.1	
15	8036190	1	Assembly, Roller Bearing	
15	7029532	1	Ring, Outer	
15	7029533	1	Ring, Inner	
16	1319633	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-9. TRANSMISSION, COUPLING GROUP 4

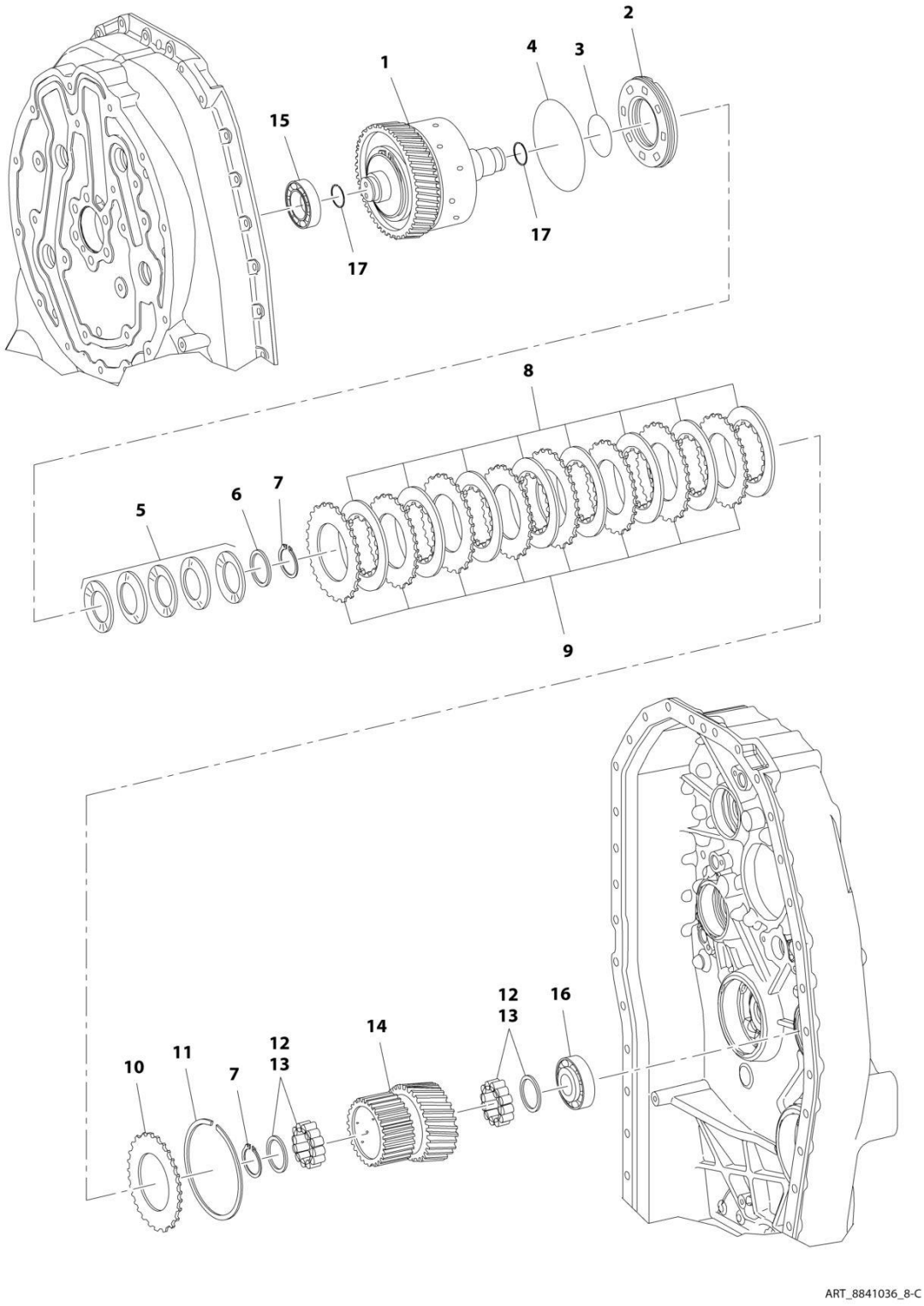


FIGURE 5-9. TRANSMISSION, COUPLING GROUP 4

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - COUPLING GROUP 4	
1	1319634	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	5	Spring, Cup	
6	1319596	1	Shim	
7	10731845	2	Ring, Retaining	
8	7026758	8	Disc, Inner Clutch	
9	7026759	8	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319605	2	Cage, Roller	
13	1319606	2	Cage, Roller	
14	1319635	1	Carrier, Disc	
15	1319615	1	Bearing, Roller	
16	1319636	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-10. TRANSMISSION, REVERSING GEAR GROUP 1

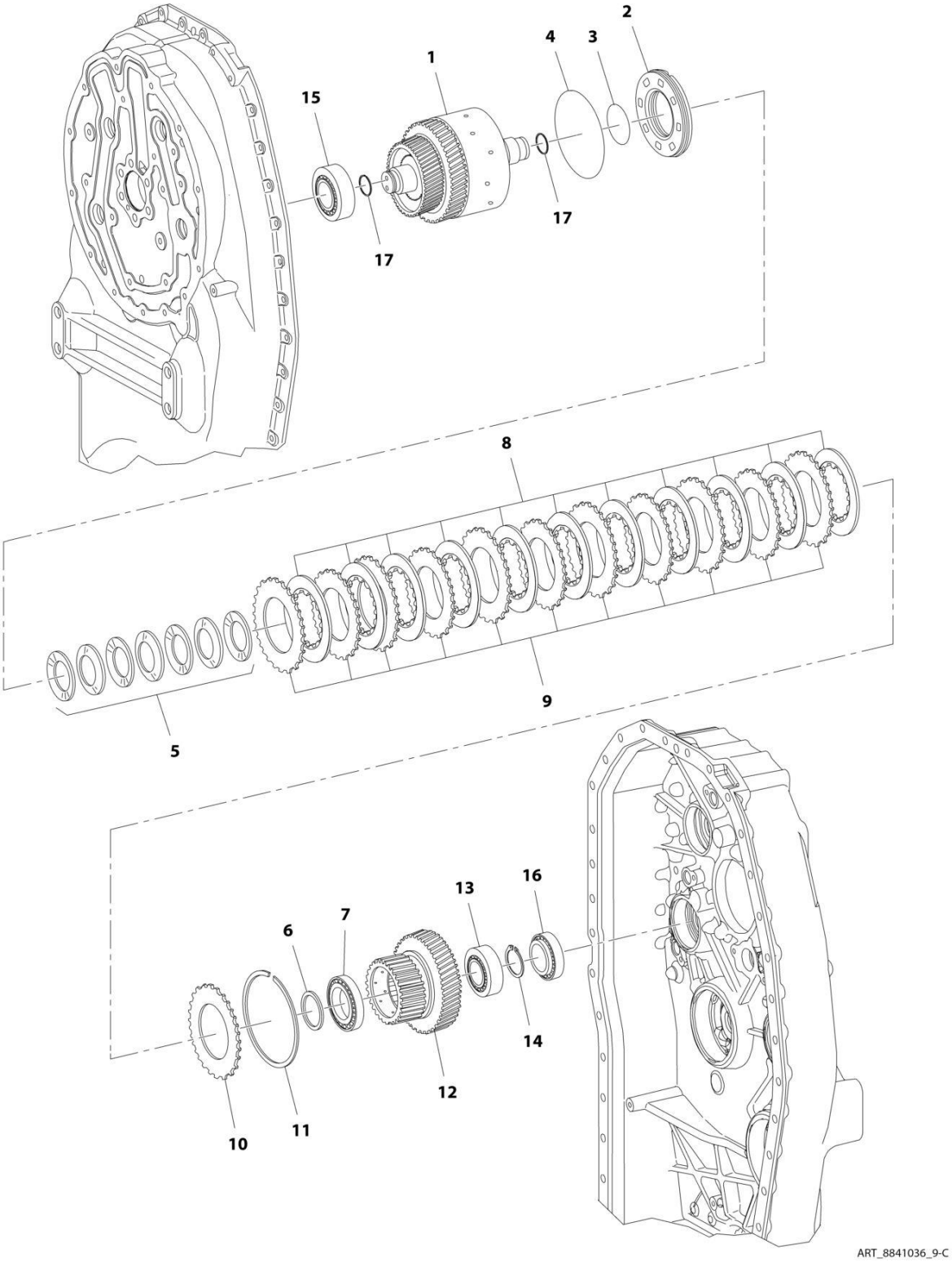


FIGURE 5-10. TRANSMISSION, REVERSING GEAR GROUP 1

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - REVERSE GEAR GROUP 1	
1	1319637	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	7	Spring, Cup	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	11	Disc, Inner Clutch	
9	7026759	11	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319638	1	Disc, Carrier	
13	1319620	1	Bearing, Roller	
14	1319621	1	Ring, Retaining 3.2	
14	1319622	1	Ring, Retaining 3.1	
14	1319623	1	Ring, Retaining 3	
14	1319624	1	Ring, Retaining 2.9	
14	1319625	1	Ring, Retaining 2.8	
14	1319626	1	Ring, Retaining 2.7	
14	1319627	1	Ring, Retaining 2.6	
14	1319628	1	Ring, Retaining 2.5	
14	1319629	1	Ring, Retaining 2.4	
14	1319630	1	Ring, Retaining 2.3	
14	1319631	1	Ring, Retaining 2.2	
14	1319632	1	Ring, Retaining 2.1	
15	1319615	1	Bearing, Roller	
16	1319636	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-11. TRANSMISSION, REVERSING GEAR GROUP 2

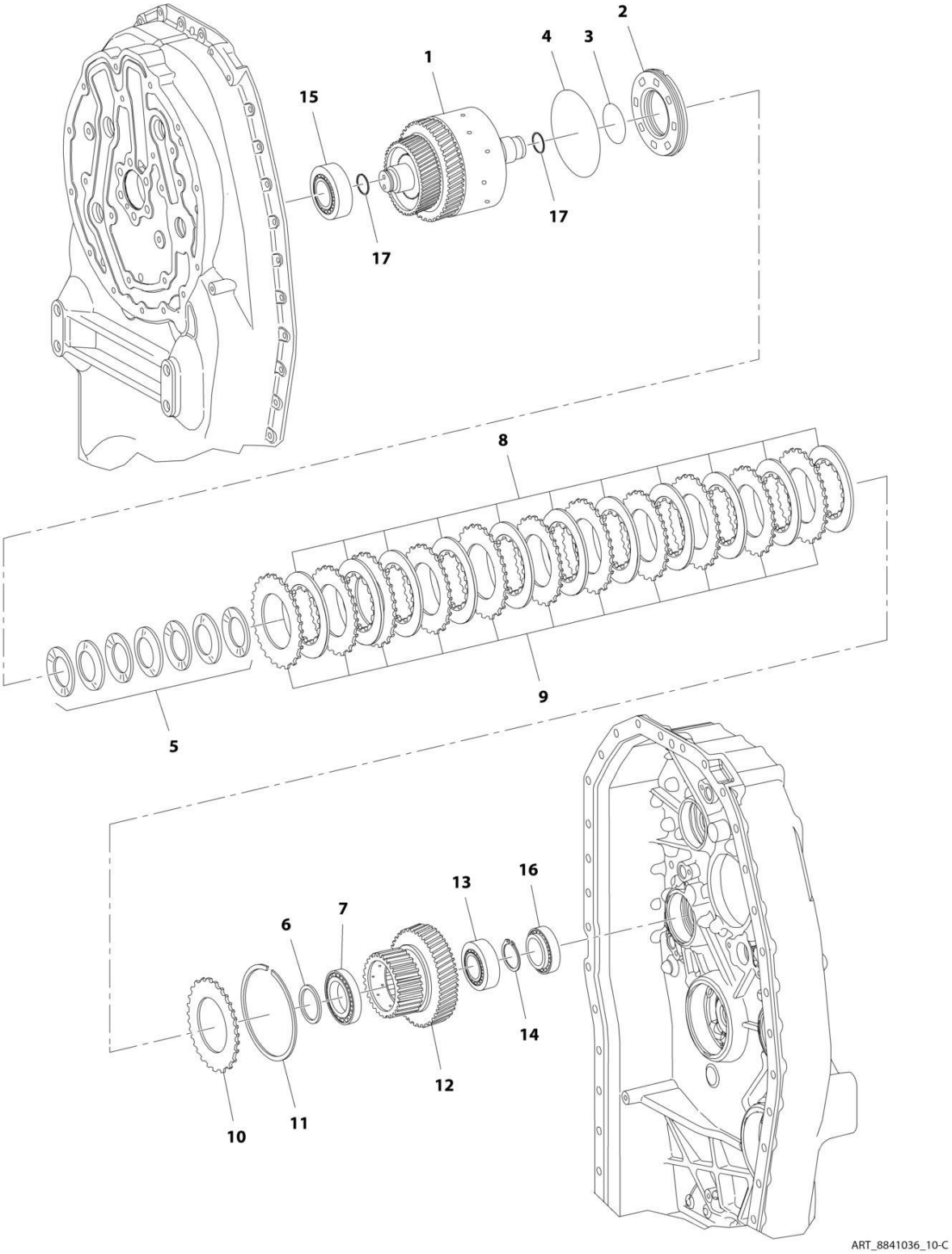


FIGURE 5-11. TRANSMISSION, REVERSING GEAR GROUP 2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - REVERSING GEAR GROUP 2	
1	1319639	1	Coupling	
2	8036029	1	Piston	
3	1319593	1	O-Ring, 52X3	
4	1319594	1	O-Ring, 115X3	
5	1319595	7	Spring, Cup	
6	1319617	1	Shim, Support	
7	1319618	1	Bearing, Roller	
8	7026758	11	Disc, Inner Clutch	
9	7026759	11	Disc, Outer Clutch	
10	7026760	1	Shim, End	
11	1319600	1	Ring, Snap 4	
11	1319601	1	Ring, Snap 3-1/2	
11	1319602	1	Ring, Snap 3	
11	1319603	1	Ring, Snap 2-1/2	
11	1319604	1	Ring, Snap 2	
12	1319638	1	Disc, Carrier	
13	1319620	1	Bearing, Roller	
14	1319621	1	Ring, Retaining 3.2	
14	1319622	1	Ring, Retaining 3.1	
14	1319623	1	Ring, Retaining 3	
14	1319624	1	Ring, Retaining 2.9	
14	1319625	1	Ring, Retaining 2.8	
14	1319626	1	Ring, Retaining 2.7	
14	1319627	1	Ring, Retaining 2.6	
14	1319628	1	Ring, Retaining 2.5	
14	1319629	1	Ring, Retaining 2.4	
14	1319630	1	Ring, Retaining 2.3	
14	1319631	1	Ring, Retaining 2.2	
14	1319632	1	Ring, Retaining 2.1	
15	1319608	1	Bearing, Roller	
16	1319636	1	Bearing, Roller	
17	1319612	2	Ring, Piston 30X2	

FIGURE 5-12. TRANSMISSION, OUTPUT

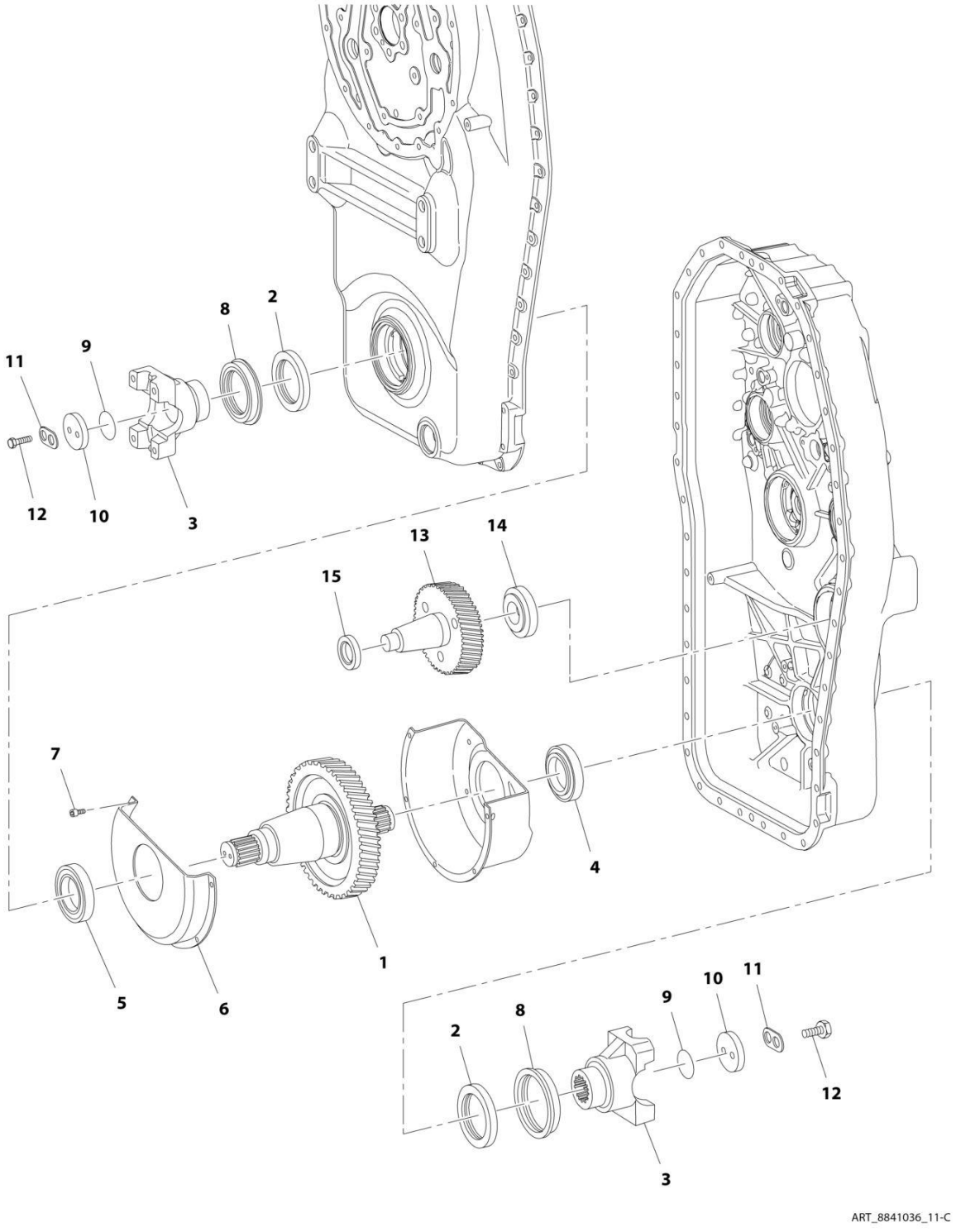


FIGURE 5-12. TRANSMISSION, OUTPUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - OUTPUT	
1	8036030	1	Shaft, Output	
2	1319641	2	Seal, Shaft	
3	7027273	2	Flange, Output	
4	N.S.S.	1	Assembly, Roller Bearing	
4	70020430	1	Cup, Bearing	
4	70020431	1	Cone, Bearing	
5	1319643	1	Bearing, Roller	
6	8036031	1	Sheet, Screen	
7	1319646	5	Bolt, M6X10	
8	1319647	2	Sheet, Screen	
9	10839156	2	O-Ring	
10	1319648	2	Washer, M10	
11	1319649	2	Washer, Tab	
12	10731959	4	Bolt, M8X25	
13	8036032	1	Shaft, Intermediate	
14	1319633	1	Bearing, Roller	
15	8036190	1	Assembly, Roller Bearing	
15	7029532	1	Ring, Outer	
15	7029533	1	Ring, Inner	

FIGURE 5-13. TRANSMISSION, CONTROL UNIT

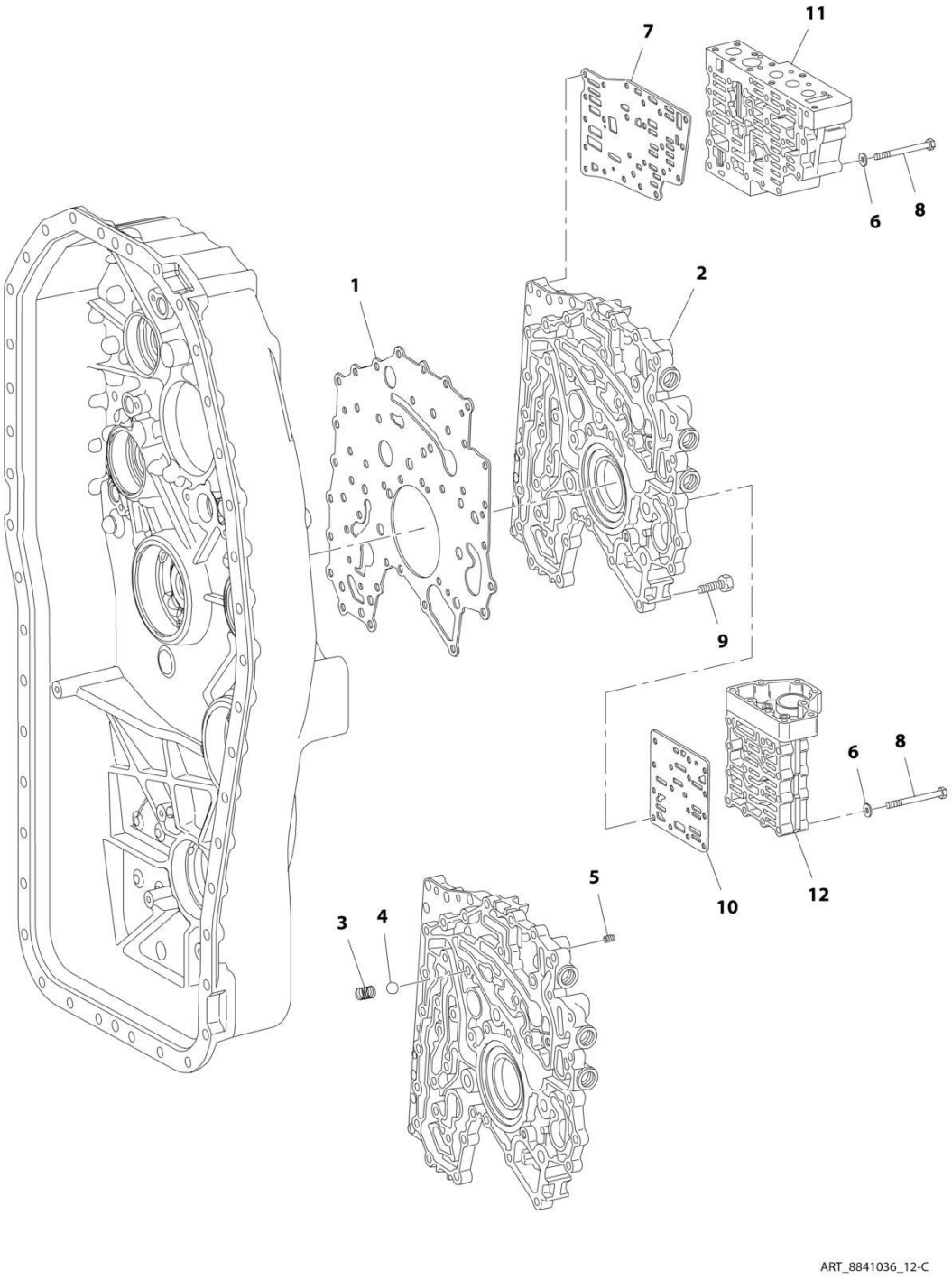


FIGURE 5-13. TRANSMISSION, CONTROL UNIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - CONTROL UNIT	
1	1319650	1	Gasket	
2	8036033	1	Plate, Duct	
3	10732072	1	Spring, Compression	
4	10732071	1	Ball	
5	1319652	1	Orifice	
6	1319661	19	Washer, 6.4	
7	70020425	1	Plate, Intermediate	
8	7029037	19	Bolt, M6X60	
9	1319659	43	Screw, Torx M8X30	
10	70020426	1	Plate, Intermediate	
11		Ref	Housing, Valve (See Separate Breakdown in this Section)	
12		Ref	Block, Valve (See Separate Breakdown in this Section)	

FIGURE 5-14. TRANSMISSION, VALVE HOUSING ASSEMBLY

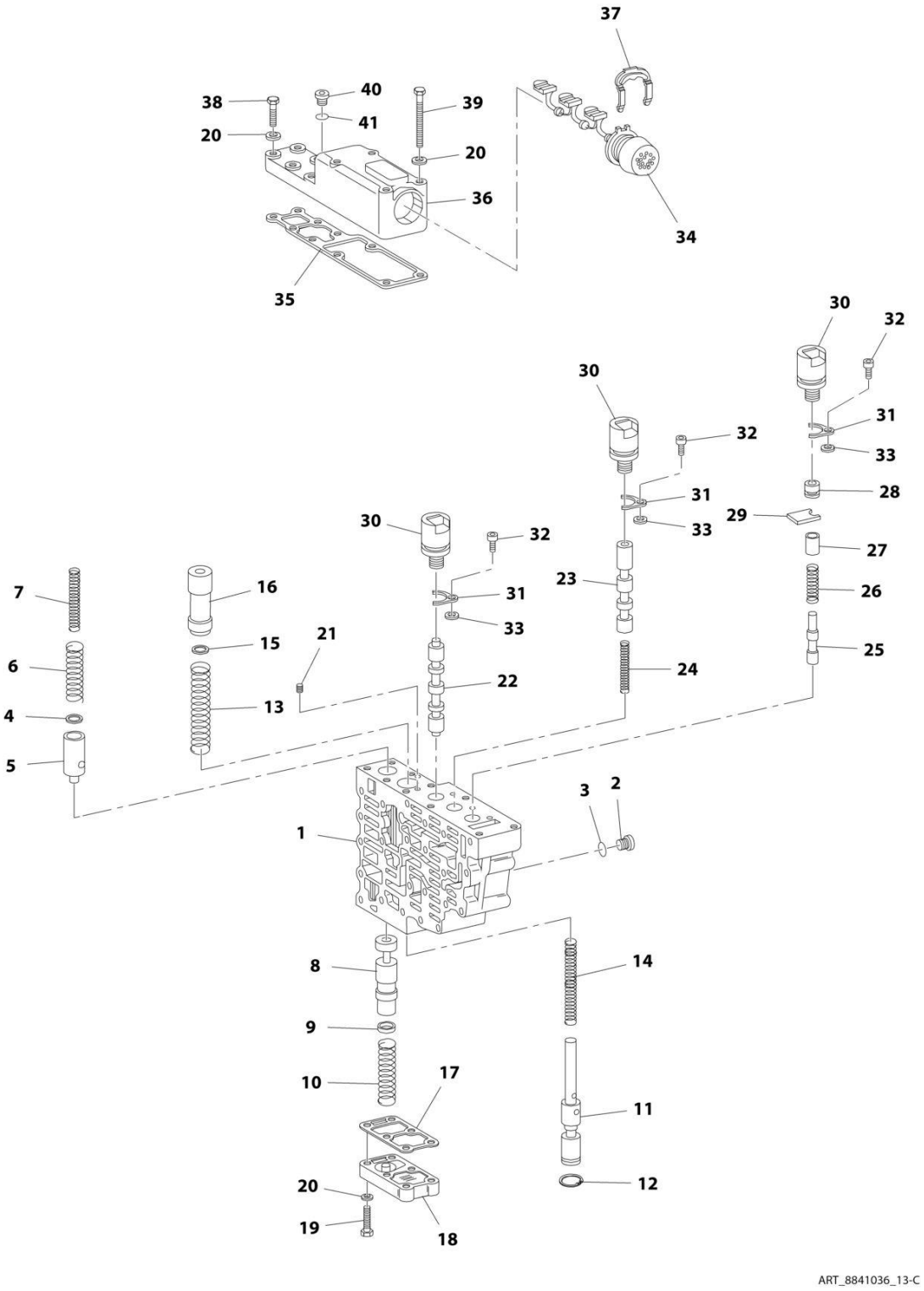


FIGURE 5-14. TRANSMISSION, VALVE HOUSING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - VALVE HOUSING ASSEMBLY	
	8036040	Ref	Valve Housing Assembly	
1	1319671	1	Housing, Valve	
2	1319670	7	Plug, Screw M10X1	
3	10731709	7	O-Ring	
4	8036036	1	Washer, 1	
5	7029039	1	Piston	
6	1319673	1	Spring, Compression	
7	8036038	1	Spring, Compression	
8	1319674	1	Piston	
9	1319675	1	Washer, 3.6	
9	1319676	1	Washer, 3.2	
9	1319677	1	Washer, 2.8	
9	1319678	1	Washer, 2.4	
9	1319679	1	Washer, 2	
10	1319680	1	Spring, Compression	
11	1319681	1	Control, Piston	
12	1319682	1	Washer, Lock 12	
13	1319683	1	Spring, Compression	
14	1319684	1	Spring, Compression	
15	1319685	1	Washer, 2	
15	1319686	1	Washer, 1	
15	1319687	1	Washer, 0.5	
15	1319688	1	Washer, 0.3	
15	1319689	1	Washer, 0.2	
16	1319690	1	Piston	
17	1319691	1	Seal	
18	1319692	1	Cover	
19	1319693	6	Bolt, M6X25	
20	1319661	16	Washer, 6.4	
21	1319652	1	Orifice	
22	1319694	1	Valve	
23	1319695	1	Piston	
24	1319696	1	Spring, Compression	
25	1319697	1	Piston	
26	1319698	1	Spring, Compression	
27	1319699	1	Spacer, Sleeve	
28	1319700	1	Plug	
29	1319701	1	Plate, Fixing	
30	1319702	3	Valve, Solenoid	
31	10732063	3	Plate, Fixing	
32	1319703	3	Bolt, M5X12	
33	10732064	3	Washer, 2	
34	1319704	1	Harness, Wiring	
35	1319705	1	Seal	
36	8036039	1	Cover	
37	1319707	1	Clamp, Retaining	
38	1319693	6	Bolt, M6X25	
39	7029037	4	Bolt, M6X60	
40	1319670	1	Plug, Screw M10X1	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	10731709	1	O-Ring	

FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY

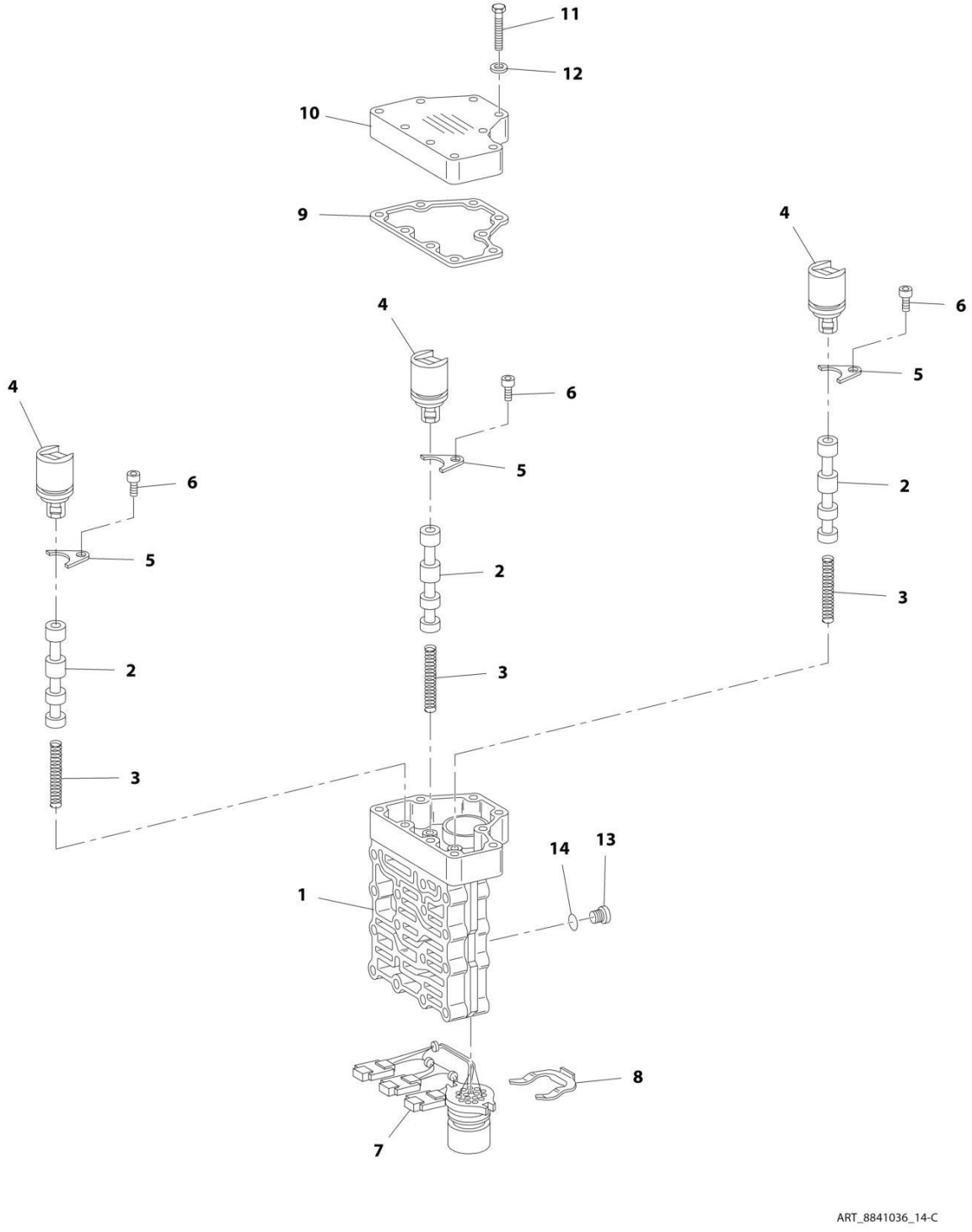


FIGURE 5-15. TRANSMISSION, VALVE BLOCK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - VALVE BLOCK ASSEMBLY	
	1319717	Ref	Valve Block Assembly	
1	70020427	1	Block, Valve	
2	1319710	3	Piston	
3	1319696	3	Spring, Compression	
4	1319702	3	Valve, Solenoid	
5	10732063	3	Plate, Fixing	
6	1319703	3	Bolt, M5X12	
7	1319711	1	Harness, Wiring	
8	1319707	1	Clamp, Retaining	
9	1319712	1	Gasket	
10	1319713	1	Cover	
11	1319714	9	Bolt, M5X32	
12	1319715	9	Washer, 5.3	
13	1319670	3	Plug, Screw M10X1	
14	10731709	3	O-Ring	

FIGURE 5-16. TRANSMISSION, OIL PUMP AND FILTER

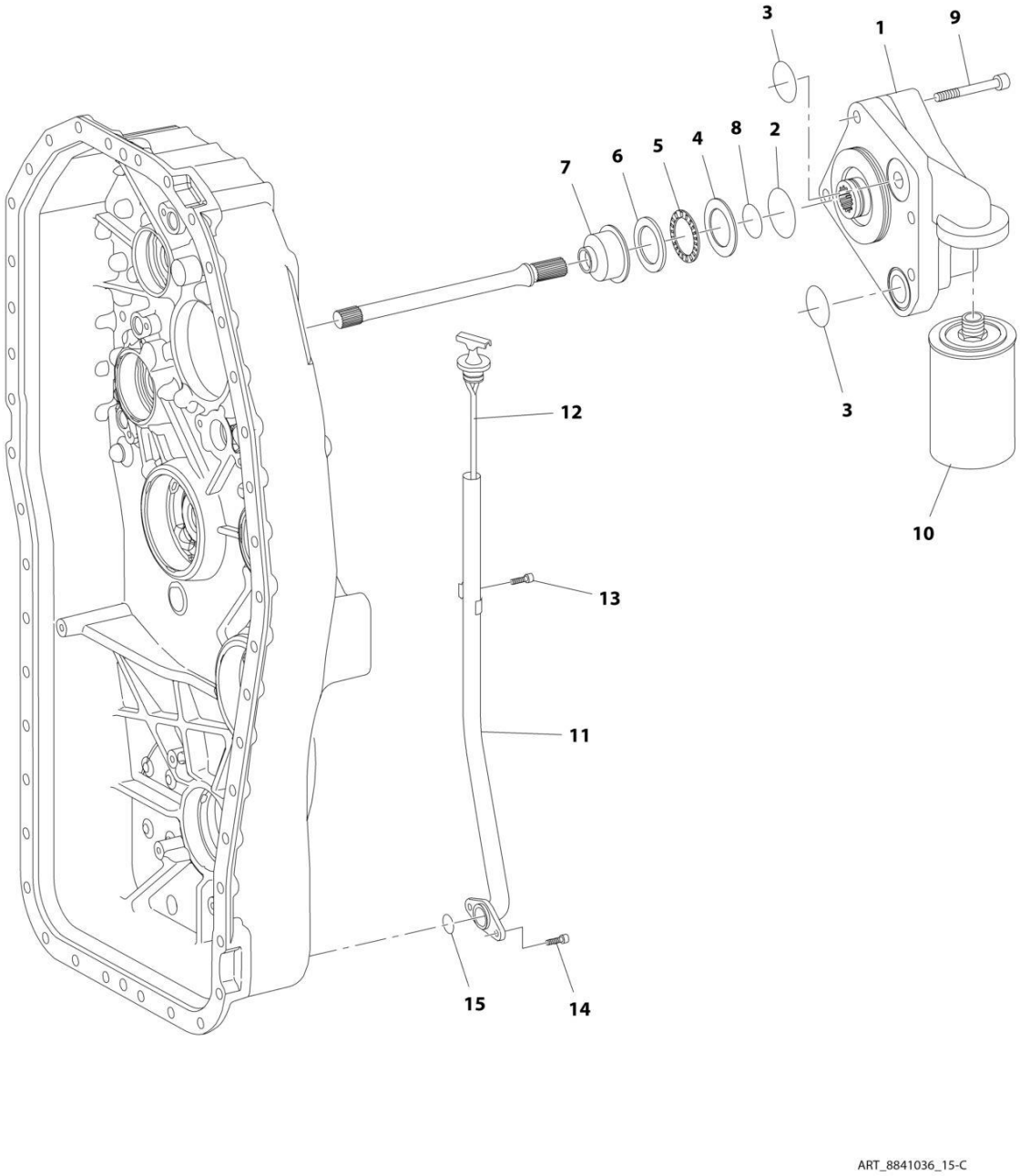


FIGURE 5-16. TRANSMISSION, OIL PUMP AND FILTER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8841036	Ref	TRANSMISSION - OIL PUMP AND FILTER	
1	1319718	1	Pump	
1	7029417	1	O-Ring, (between pump halves), (not shown)	
2	8036250	1	O-Ring	
3	1319719	2	O-Ring	
4	1319720	1	Washer, Axial 40X60X1	
5	1319721	1	Cage, Axial Needle	
6	1319722	1	Disc, Angle	
7	1319723	1	Sleeve, Stop	
8	1319724	1	O-Ring	
9	1319725	4	Bolt, M12X115	
10	1319726	1	Filter, Transmission Oil	
11	8036041	1	Tube, Dipstick	
12	8036042	1	Dipstick	
13	1319585	1	Screw, M8X16	
14	1319582	1	Screw, M8X20	
15	70023885	1	O-Ring	

FIGURE 5-17. DRIVE SHAFT INSTALLATION

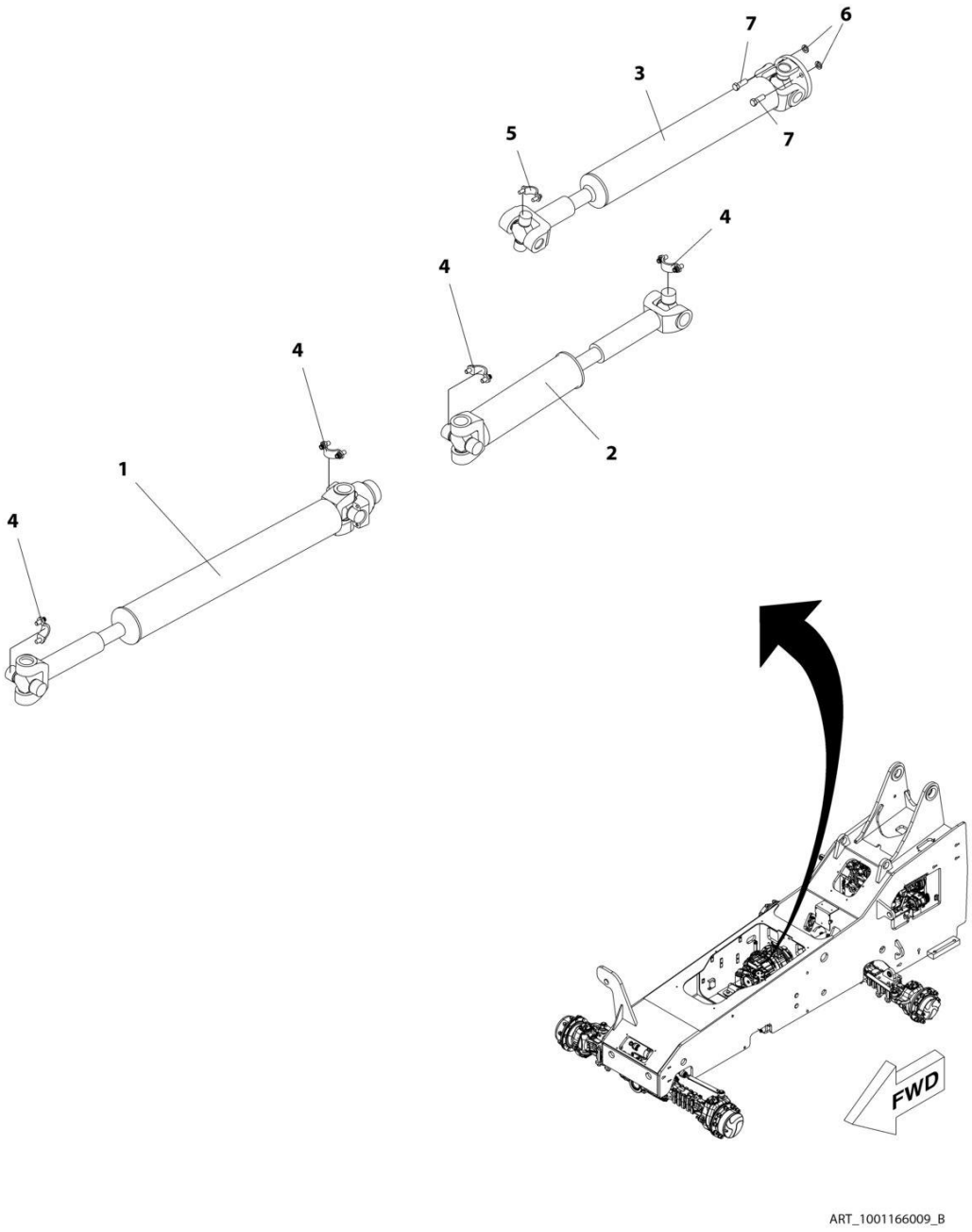


FIGURE 5-17. DRIVE SHAFT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166009	Ref	Drive Shaft Installation	B
1	7150579	1	Assembly, Front Drive Shaft (See Separate Breakdown in this Section)	
2	7150580	1	Assembly, Rear Drive Shaft (See Separate Breakdown in this Section)	
3	7302028	1	Input, Drive Shaft (See Separate Breakdown in this Section)	
4	8880218-OM	4	Kit, Strap	
5	8880219-OM	1	Kit, Strap	
6	8307006	4	Washer, Lock 7/16	
7	8310425	4	Bolt, 7/16-20X1-1/4, Grade 8	

FIGURE 5-18. FRONT DRIVE SHAFT ASSEMBLY

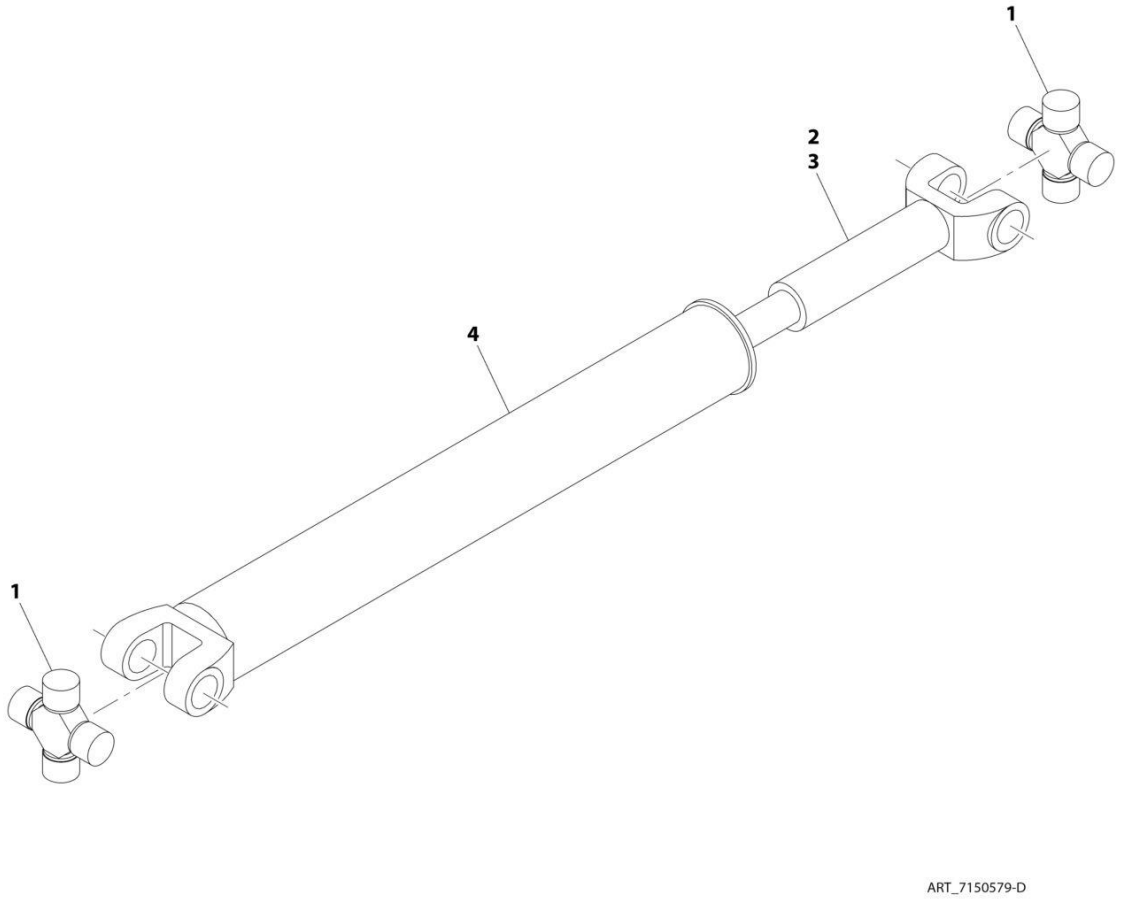


FIGURE 5-18. FRONT DRIVE SHAFT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7150579	Ref	Front Drive Shaft Assembly	D
1	8036433	4	Kit, Cross and Bearing	
2	8035779	2	Kit, Dust Cap	
3	N.S.S.	1	Joint, Slip	
4	N.S.S.	1	Shaft, Yoke	

FIGURE 5-19. REAR DRIVE SHAFT ASSEMBLY

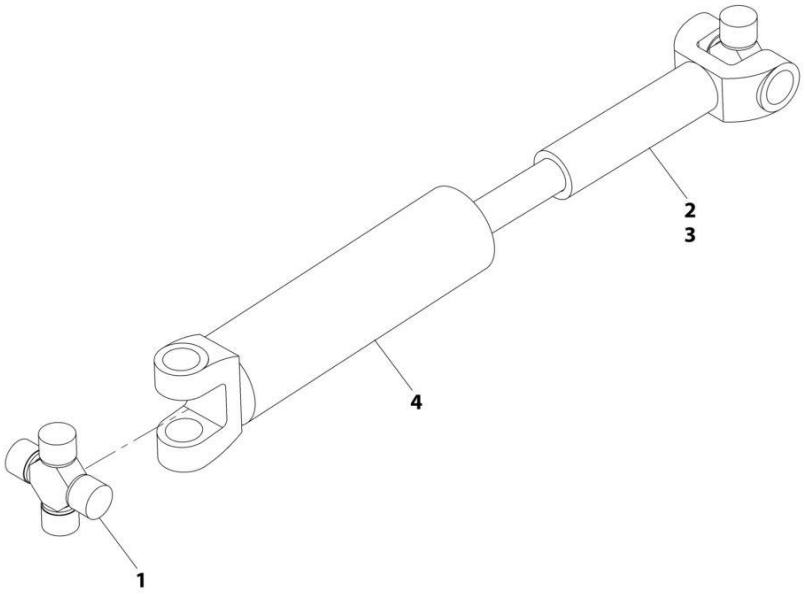


FIGURE 5-19. REAR DRIVE SHAFT ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7150580	Ref	DRIVE SHAFT ASSEMBLY	D
1	8036433	4	Kit, Cross and Bearing	
2	8035779	2	Kit, Dust Cap	
3	N.S.S.	1	Joint, Slip	
4	N.S.S.	1	Shaft, Yoke	

FIGURE 5-20. DRIVE SHAFT INPUT

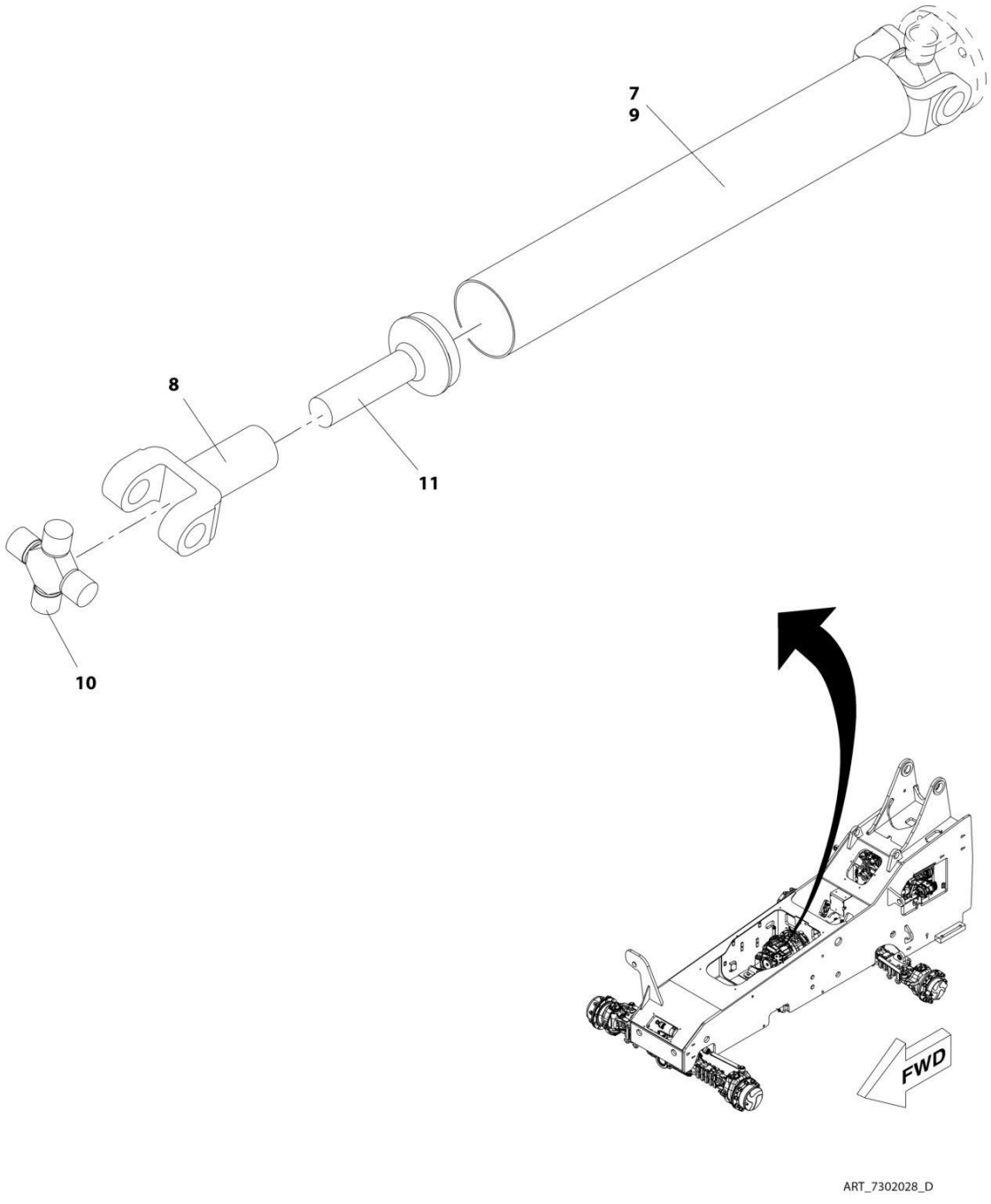


FIGURE 5-20. DRIVE SHAFT INPUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7302028	Ref	Drive Shaft Input	D
1	N.S.S.	1	Joint, Slip	
2	N.S.S.	1	Shaft, Yoke	
3	7029271	2	Kit, Cross and Bearing	
4	8033651	1	Kit, Dust Cap	

FIGURE 5-21. AXLES INSTALLATION (6042)

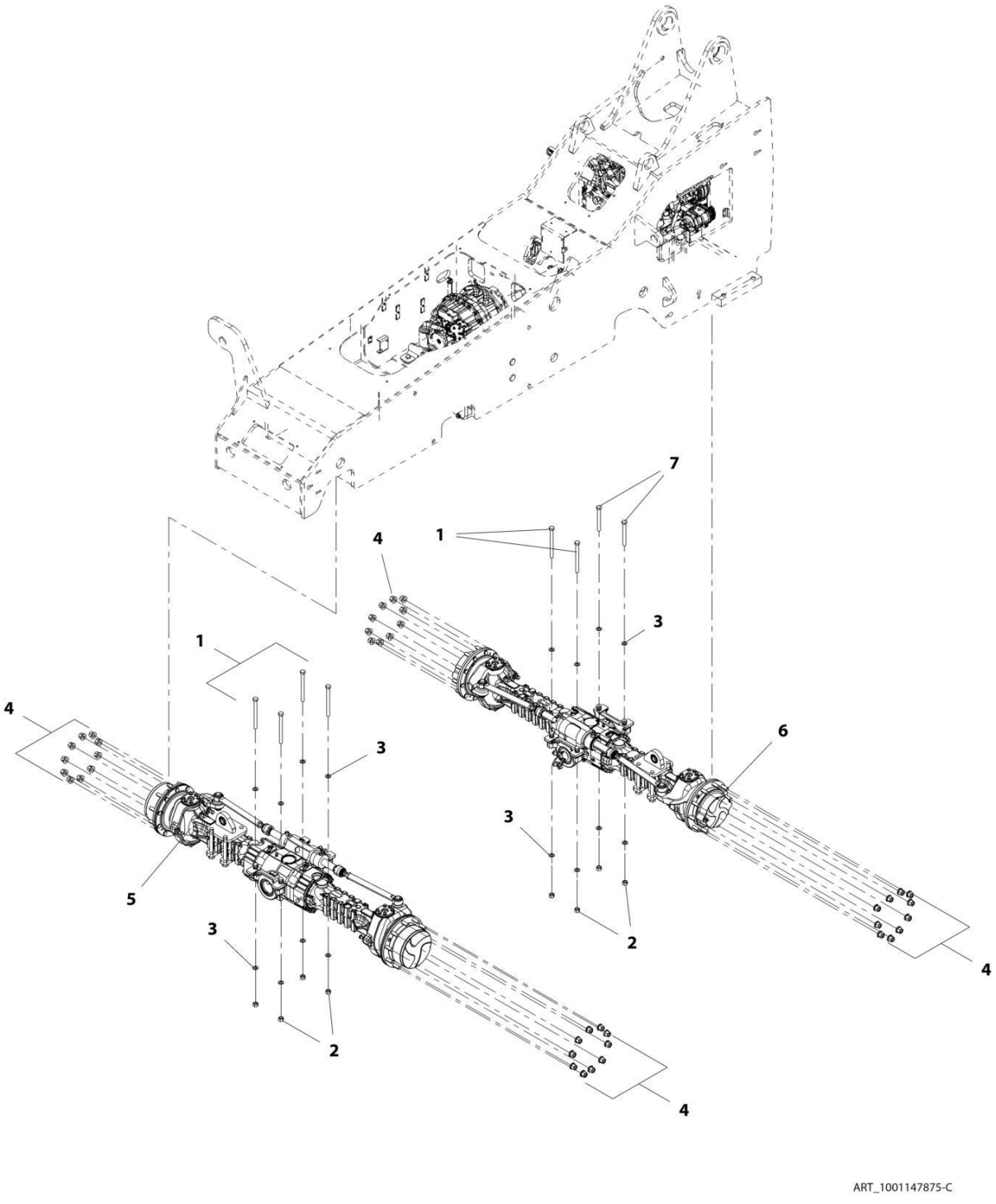


FIGURE 5-21. AXLES INSTALLATION (6042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147875	Ref	AXLES INSTALLATION	C
1	0712040	6	Bolt, M20X230, Grade 10.9	
2	3332017	8	Nut, Lock M20X2-1/2	
3	8310620	16	Washer, M20	
4	91403193	40	Nut, Lug M22X1-1/2	
5	1001147378	1	Assembly, Front Axle (See Separate Breakdown in this Section)	
6	1001147380	1	Axle Sub-Assembly - Rear (See Separate Breakdown in this Section) (6042)	
7	1001150349	2	Bolt, M20X180, Grade 10.9	

FIGURE 5-22. FRONT AXLE ASSEMBLY

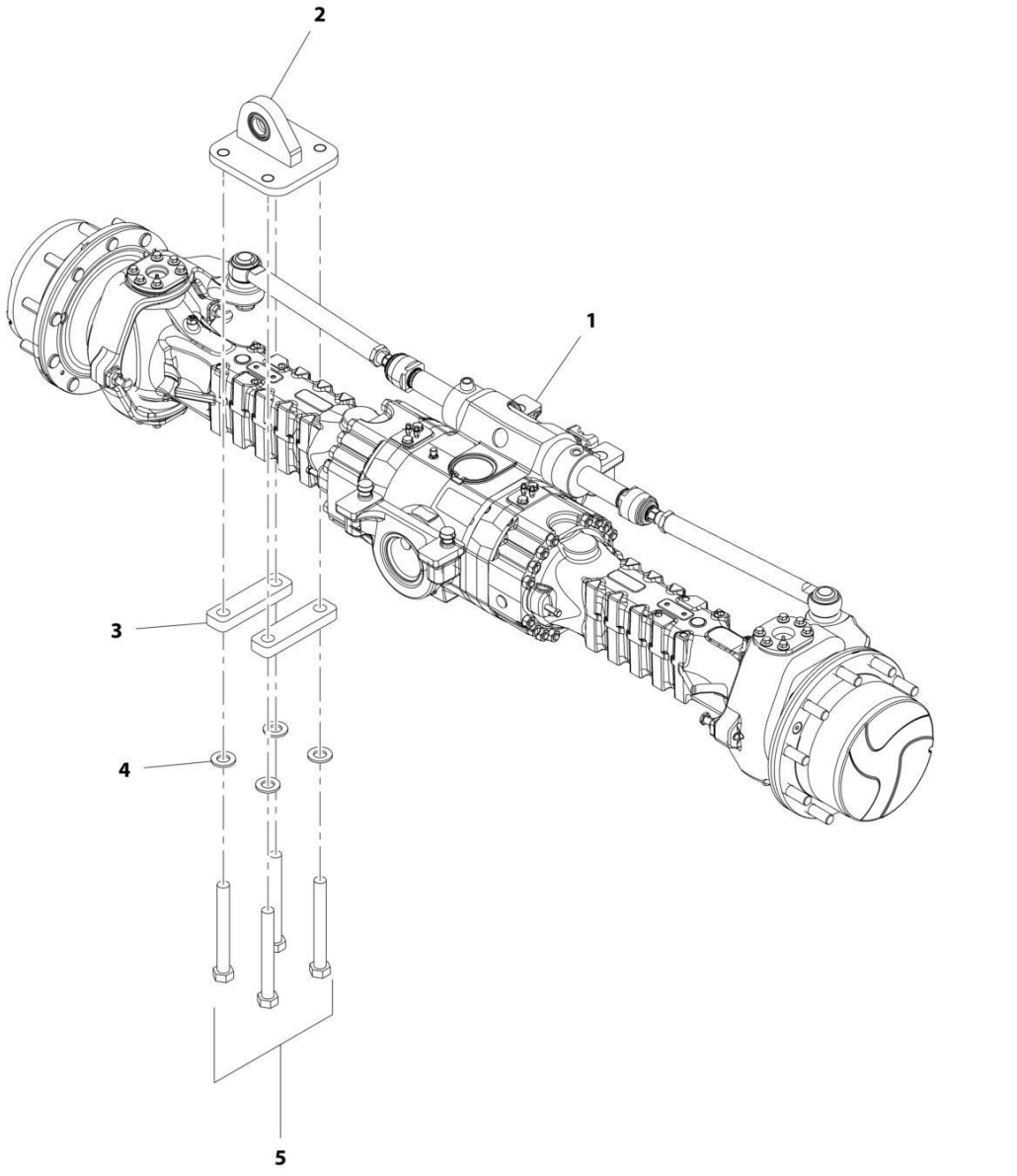


FIGURE 5-22. FRONT AXLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147378	Ref	FRONT AXLE SUB-ASSEMBLY	A
1	1001147377	1	Front Axle Assembly (See Separate Breakdown in this Section)	
2	1001147265	1	Bracket, Sway Pivot Assembly	
3	91471213	2	Plate, Retainer	
4	90027475	4	Washer	
5	83201147	4	Bolt, 1-8X8-1/2	

FIGURE 5-23. FRONT AXLE

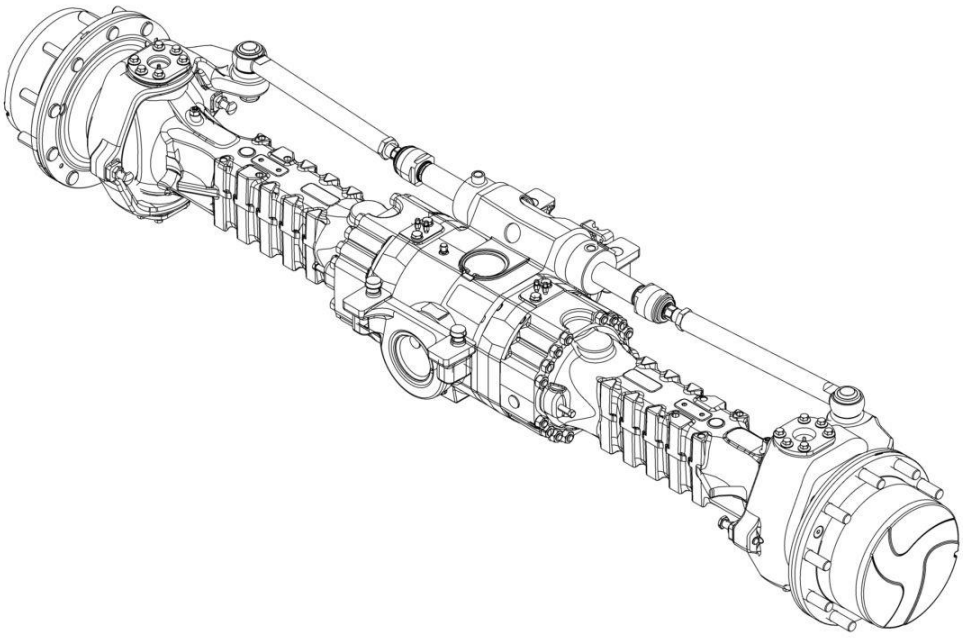


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FIGURE 5-23. FRONT AXLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147377	Ref	FRONT AXLE ASSEMBLY	C
		Ref	Central Housing (See Separate Breakdown in this Section)	
		Ref	Differential (See Separate Breakdown in this Section)	
		Ref	Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Brakes (See Separate Breakdown in this Section)	
		Ref	Steering (See Separate Breakdown in this Section)	
		Ref	Trunion (See Separate Breakdown in this Section)	

FIGURE 5-24. FRONT AXLE, CENTRAL HOUSING

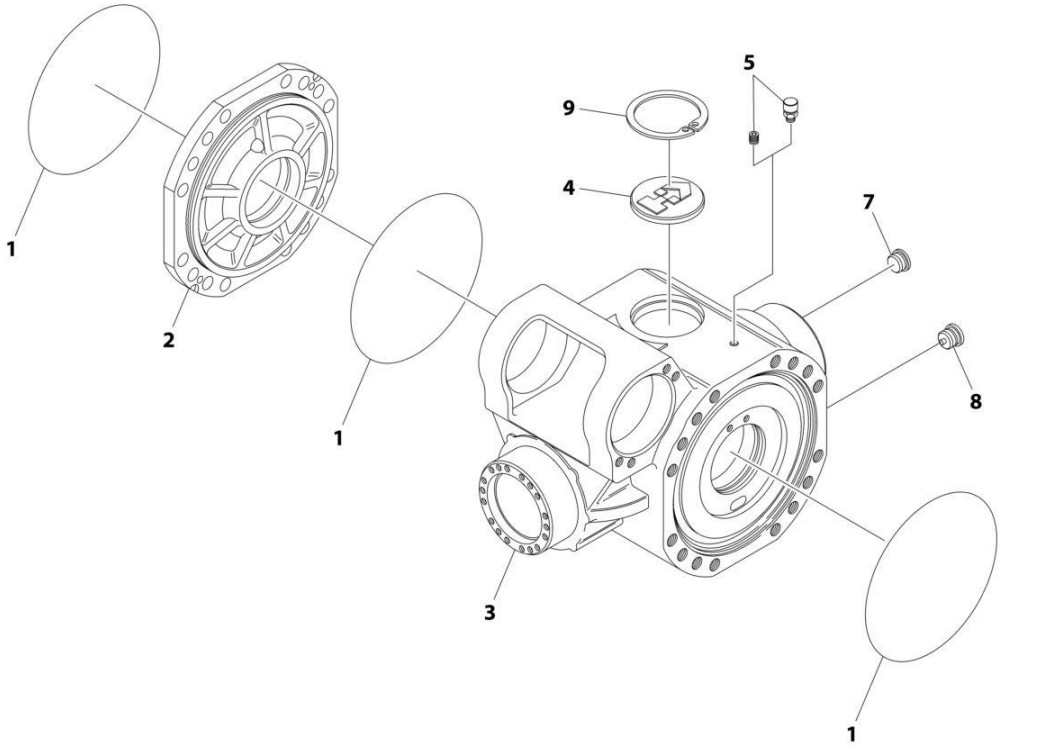

FIGURE 5-24. FRONT AXLE, CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147377	Ref	FRONT AXLE - CENTRAL HOUSING	C
1	91474507	3	O-Ring	
2	70024872	1	Cover	
3	7029426	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
7	91514188	1	Plug	
8	91474513	1	Plug, Magnet	
9	80204005	1	Circlip	

FIGURE 5-25. FRONT AXLE, DIFFERENTIAL

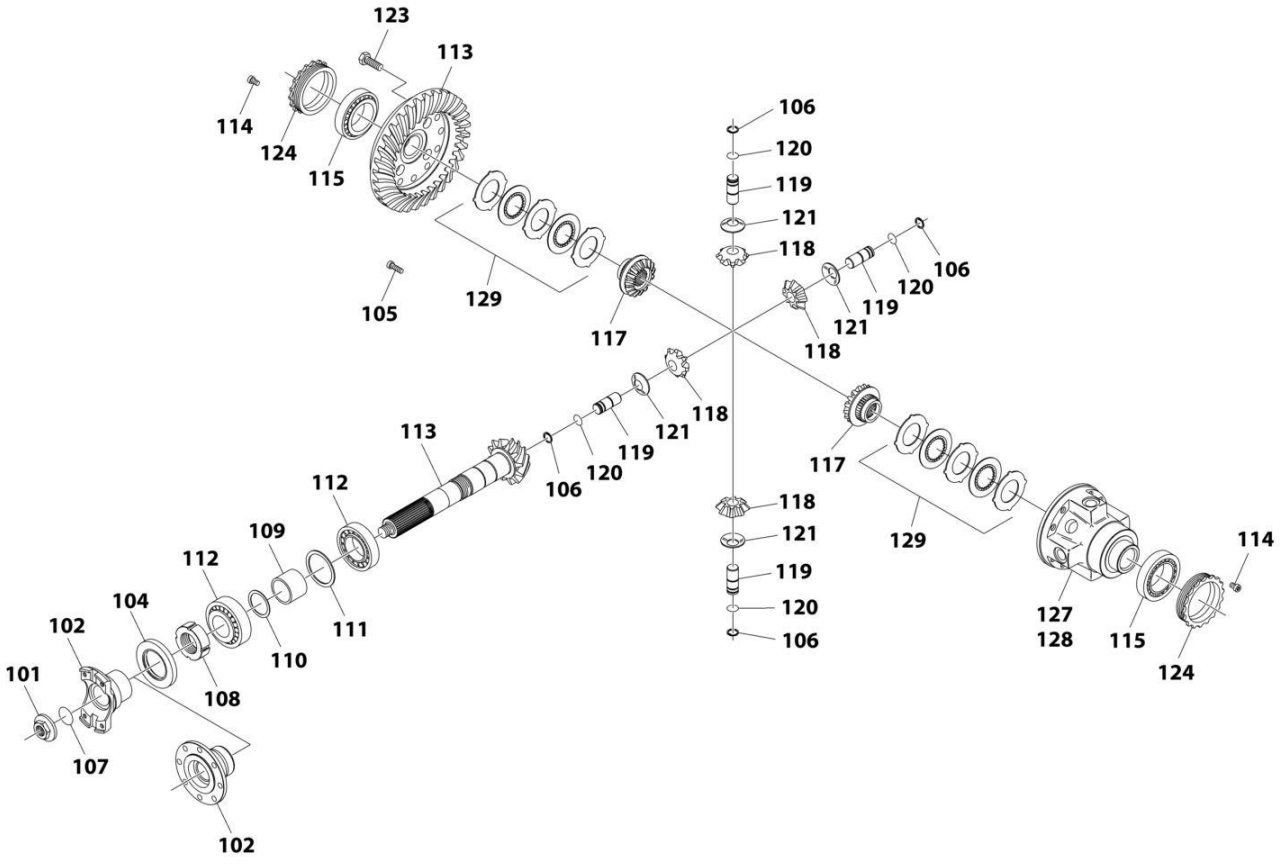

FIGURE 5-25. FRONT AXLE, DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147377	Ref	FRONT AXLE - DIFFERENTIAL	C
101	91474528	1	Nut	
102	70022797	1	Flange	
104	91474532	1	Seal	
105	91474591	4	Bolt	
106	91474550	4	Circlip	
107	91474529	1	O-Ring	
108	91474533	1	Ring Nut	
109	91474539	1	Spacer	
110	91474537	1	Shim	
111	91474542	1	Shim	
112	3968141	2	Bearing, Taper Roller	
113	70026134	1	Bevel Gear Set	
114	91514134	2	Bolt	
115	70026031	2	Bearing, Taper Roller	
117	91474549	2	Differential Side Gear	
118	7029129	4	Differential Pinion	
119	7029131	4	Kit, Pin and Circlip	
120	91474551	4	Circlip	
121	91474553	4	Washer, Friction	
123	91514123	12	Bolt	
124	91474547	2	Ring Nut	
127	8007751	1	Carrier, Differential	
128	7028710	1	Slip Differential	
129	8007755	2	Kit, Clutch Disc	

FIGURE 5-26. FRONT AXLE, HUB REDUCTION

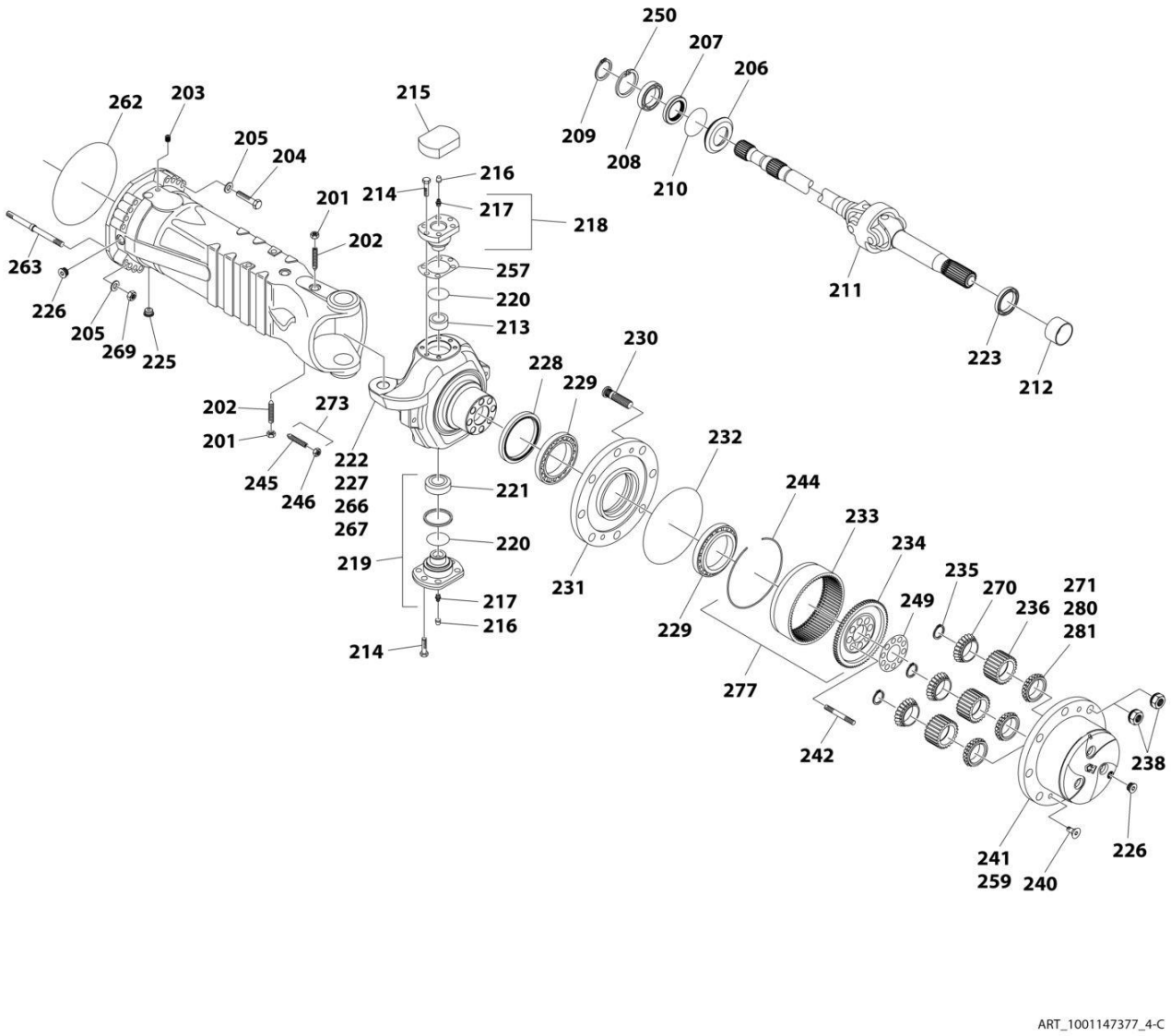

FIGURE 5-26. FRONT AXLE, HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147377	Ref	FRONT AXLE - HUB REDUCTION	C
201	91514082	2	Nut	
202	91514081	2	Bolt	
203	70026135	2	Case, Axle	
204	70025548	24	Stud	
205	91514084	32	Washer	
206	91514149	2	Bushing, Reduction	
207	91514147	2	Seal	
208	91514146	2	Bearing, Ball	
209	80204071	2	Circlip	
210	91514148	2	O-Ring	
211	70026136	2	Joint, Double Universal	
212	91514111	1	Thrust Bushing	
213	7028714	2	Bushing	
214	91514123	24	Bolt	
215	91474524	2	Cover	
216	80204117	2	Plug	
217	91514099	2	Grease Fitting	
218	91514112	2	Pivot Pin	
219	7028715	2	Pivot Pin	
220	7028716	2	Dust Excluder	
221	91514095	2	Bearing	
222	7028717	1	Case, Steering (RH)	
223	70025857	2	Seal	
225	91474513	2	Magnet Plug	
226	91514188	4	Plug	
227	7028720	NLA	Case, Steering (LH) (Note: Use Item 7028730)	
228	7028721	2	Seal	
229	91474576	4	Bearing	
230	80214120	20	Stud	
231	7028722	2	Hub	
232	91514181	2	O-Ring	
233	70024147	2	Ring Gear	
234	7028723	2	Support, Ring Gear	
235	7028724	6	Circlip	
236	7028725	6	Pinion	
238	91474584	20	Nut	
240	91514189	4	Bolt	
241	7026731	2	Carrier, Planet Gear	
242	70027315	20	Stud	
244	91514175	2	Circlip	
245	91514117	4	Bolt	
246	80204065	4	Nut	
249	91474582	2	Plate, Locking	
250	80204005	2	Circlip	
257	91514115	6	Shim	
259	70040710	2	Carrier, Planet Gear	
262	91474507	2	O-Ring	
263	70025014	8	Stud	
266	7028729	1	Case, Steering (RH)	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
267	7028730	1	Case, Steering (LH)	
269	91514083	32	Nut	
270	7028731	6	Bearing	
271	7028732	NLA	Bearing (Use Both PN 70031458 & 70031459 as Replacement)	
273	7028733	4	Bolt	
277	70025551	2	Support, Ring Gear	
280	70031458	6	Bearing	
281	70031459	6	Bearing	

FIGURE 5-27. FRONT AXLE, BRAKES

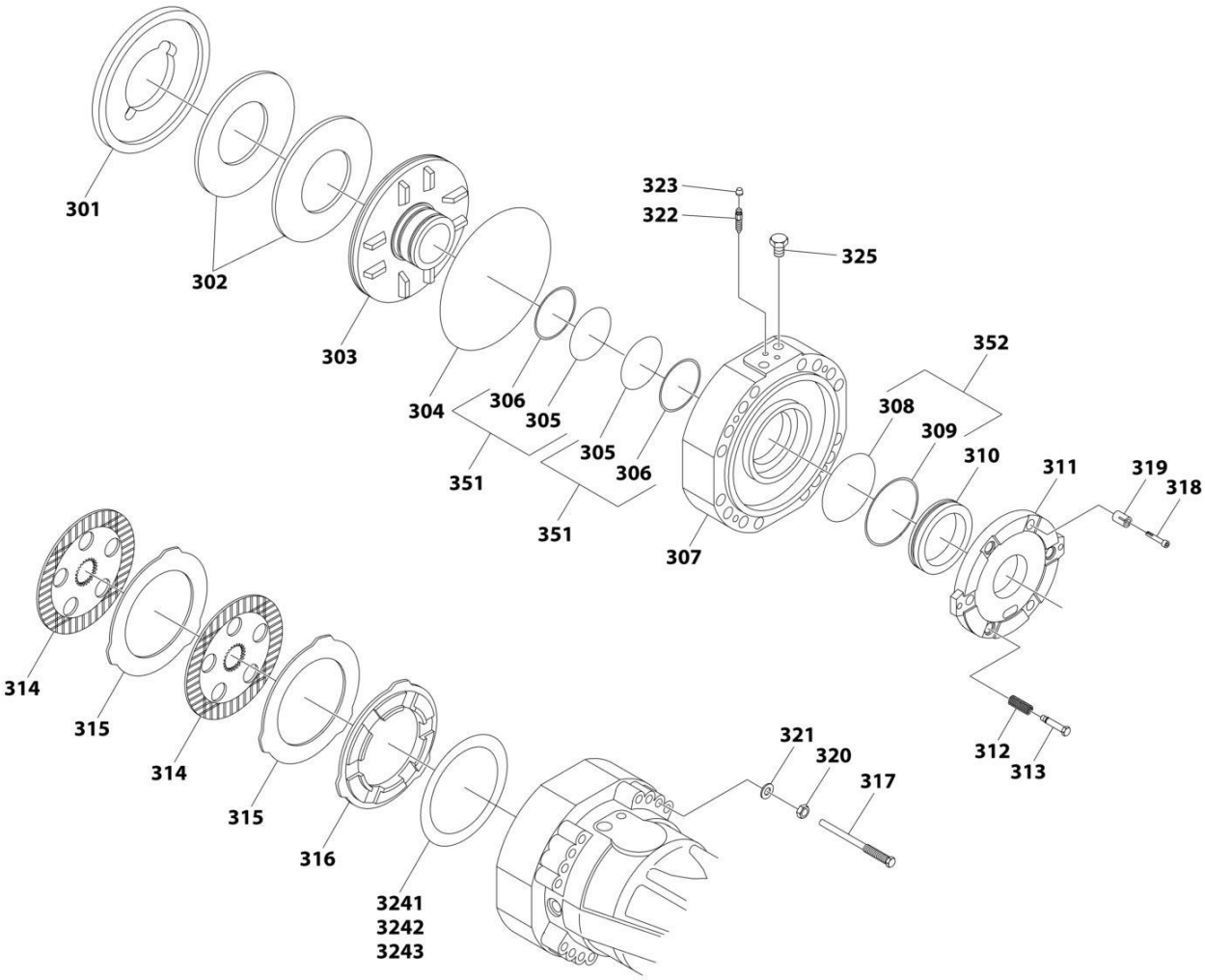

FIGURE 5-27. FRONT AXLE, BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147377	Ref	FRONT AXLE - BRAKES	C
301	7028734	1	Spacer	
302	91474559	4	Spring	
303	91474560	2	Piston	
304	91474561	2	O-Ring	
305	91514167	NLA	O-Ring (Use Item 351 PN 70026262)	
306	91514153	NLA	Ring, Backup (Use Item 351 PN 70026262)	
307	7028735	2	Cover	
308	91474562	NLA	O-Ring (Use Item 352 PN 70026263)	
309	91474563	NLA	Ring, Backup (Use Item 352 PN 70026263)	
310	91474564	2	Piston	
311	91474565	2	Disc, Brake	
312	91514159	6	Spring	
313	91514160	6	Bolt, Adjusting	
314	91474568	8	Disc	
315	91474569	8	Disc, Brake	
316	91474570	2	Spacer	
317	7028736	4	Bolt	
318	7029788	6	Bolt, Adjusting	
319	91514165	6	Spring	
320	80204060	4	Nut	
321	80204108	4	Washer	
322	80204281	4	Bolt, Bleeding	
323	80204117	4	Plug	
325	91514154	4	Plug	
351	70026262	4	Kit, Seal (Includes Items 305 & 306)	
352	70026263	2	Kit, Seal (Includes Items 308 & 309)	
3241	91474571	2	Shim 0.20mm	
3242	91474572	2	Shim 0.30mm	
3243	91474573	2	Shim 0.50mm	

FIGURE 5-28. FRONT AXLE, STEERING

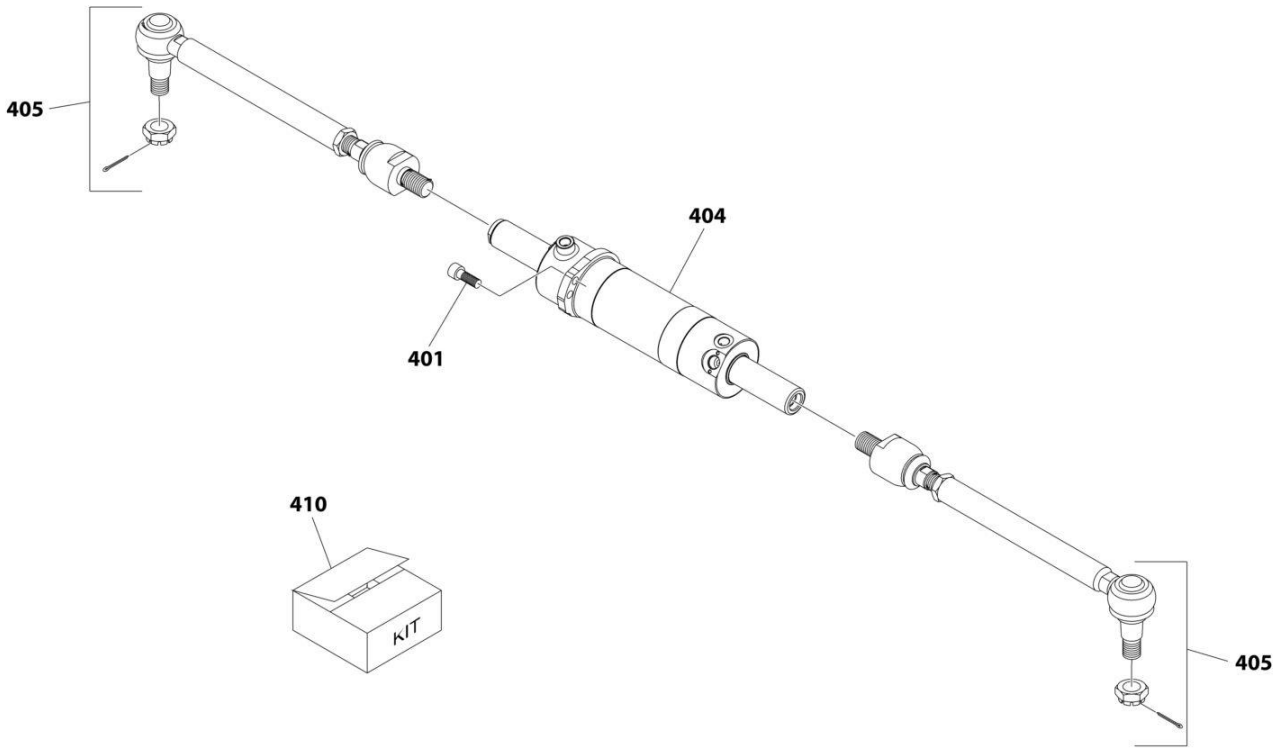

FIGURE 5-28. FRONT AXLE, STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147377	Ref	FRONT AXLE - STEERING	C
401	91474522	4	Bolt	
404	70026137	1	Cylinder (Includes Item 410)	
405	70026138	2	Bar	
410	70025842	1	Kit, Seal - 70026137 Cylinder	

FIGURE 5-29. FRONT AXLE, TRUNION

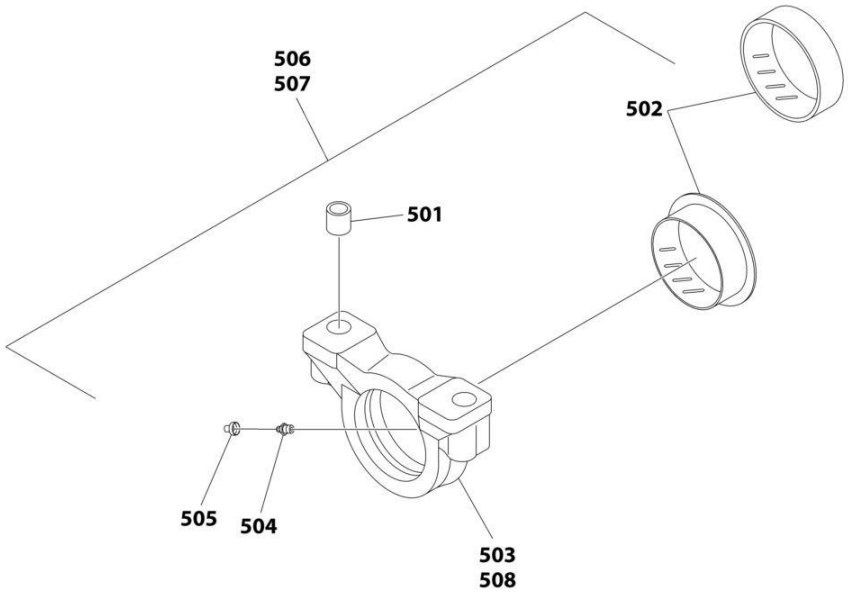

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FIGURE 5-29. FRONT AXLE, TRUNION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147377	Ref	FRONT AXLE - TRUNION	C
501	91474516	2	Bushing, Reduction	
502	91474515	1	Bushing, Thrust	
503	See Note	NSS	Support (Note: Use PN 7029282)	
504	91514099	1	Fitting, Grease	
505	80204117	1	Plug	
506	7029282	1	Support Assembly	
507	7029283	1	Support Assembly	
508	See Note	NSS	Support (Note: Use PN 7029283)	

FIGURE 5-30. REAR AXLE ASSEMBLY (6042)

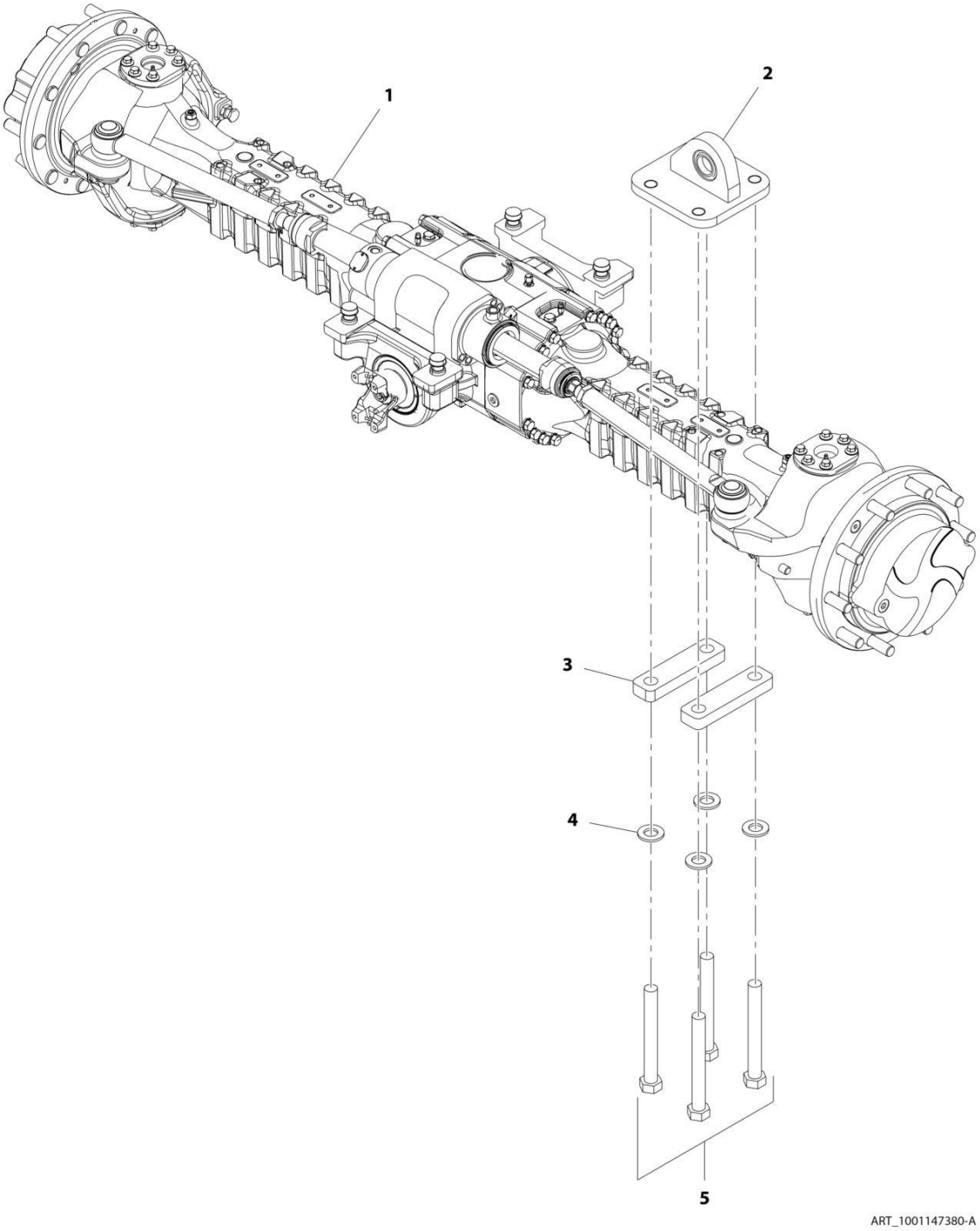

FIGURE 5-30. REAR AXLE ASSEMBLY (6042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147380	Ref	REAR AXLE SUB-ASSEMBLY	A
1	1001147379	1	Rear, Axle Assembly (See Separate Breakdown in this Section)	
2	1001147265	1	Bracket, Sway Pivot Assembly	
3	91471213	2	Plate, Retainer	
4	90027475	4	Washer	
5	83201147	4	Bolt, 1-8X8-1/2	

FIGURE 5-31. REAR AXLE

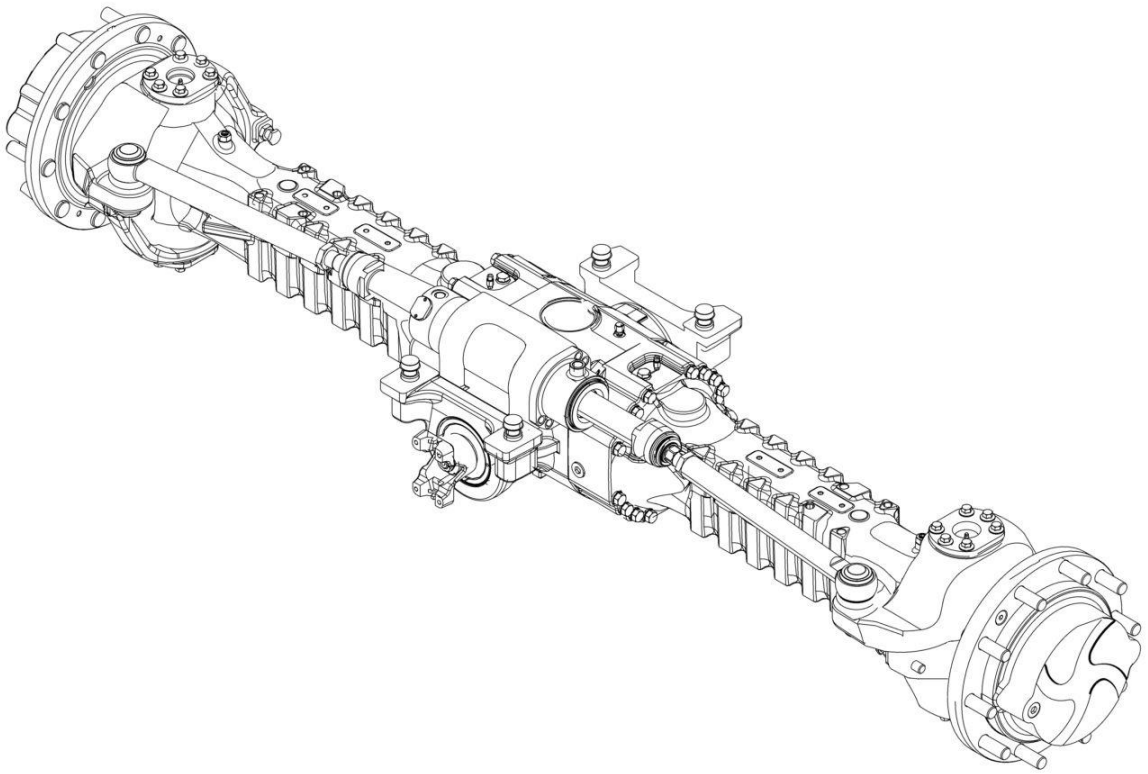

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FIGURE 5-31. REAR AXLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147379	Ref	REAR AXLE ASSEMBLY	C
		Ref	Central Housing (See Separate Breakdown in this Section)	
		Ref	Differential (See Separate Breakdown in this Section)	
		Ref	Hub Reduction (See Separate Breakdown in this Section)	
		Ref	Brakes (See Separate Breakdown in this Section)	
		Ref	Steering (See Separate Breakdown in this Section)	
		Ref	Trunion (See Separate Breakdown in this Section)	

FIGURE 5-32. REAR AXLE, CENTRAL HOUSING

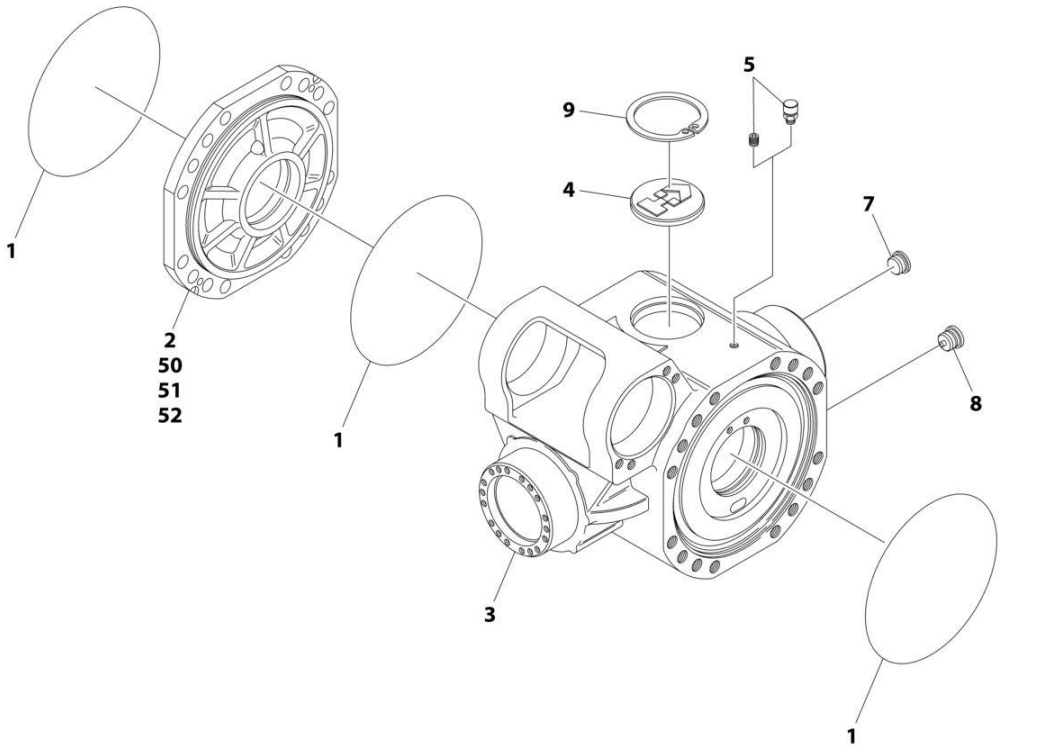

FIGURE 5-32. REAR AXLE, CENTRAL HOUSING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147379	Ref	REAR AXLE - CENTRAL HOUSING	C
1	91474507	3	O-Ring	
2	70024519	NLA	Cover (Use Items 50-52)	
3	70026749	1	Housing	
4	91514098	1	Plug	
5	91474512	1	Vent	
7	91514188	1	Plug	
8	7028706	1	Magnet Plug	
9	80204005	1	Circlip	
50	70027107	1	Cover	
51	70028906	2	Case, Axle	
52	70021613	1	Bolt	

FIGURE 5-33. REAR AXLE, DIFFERENTIAL

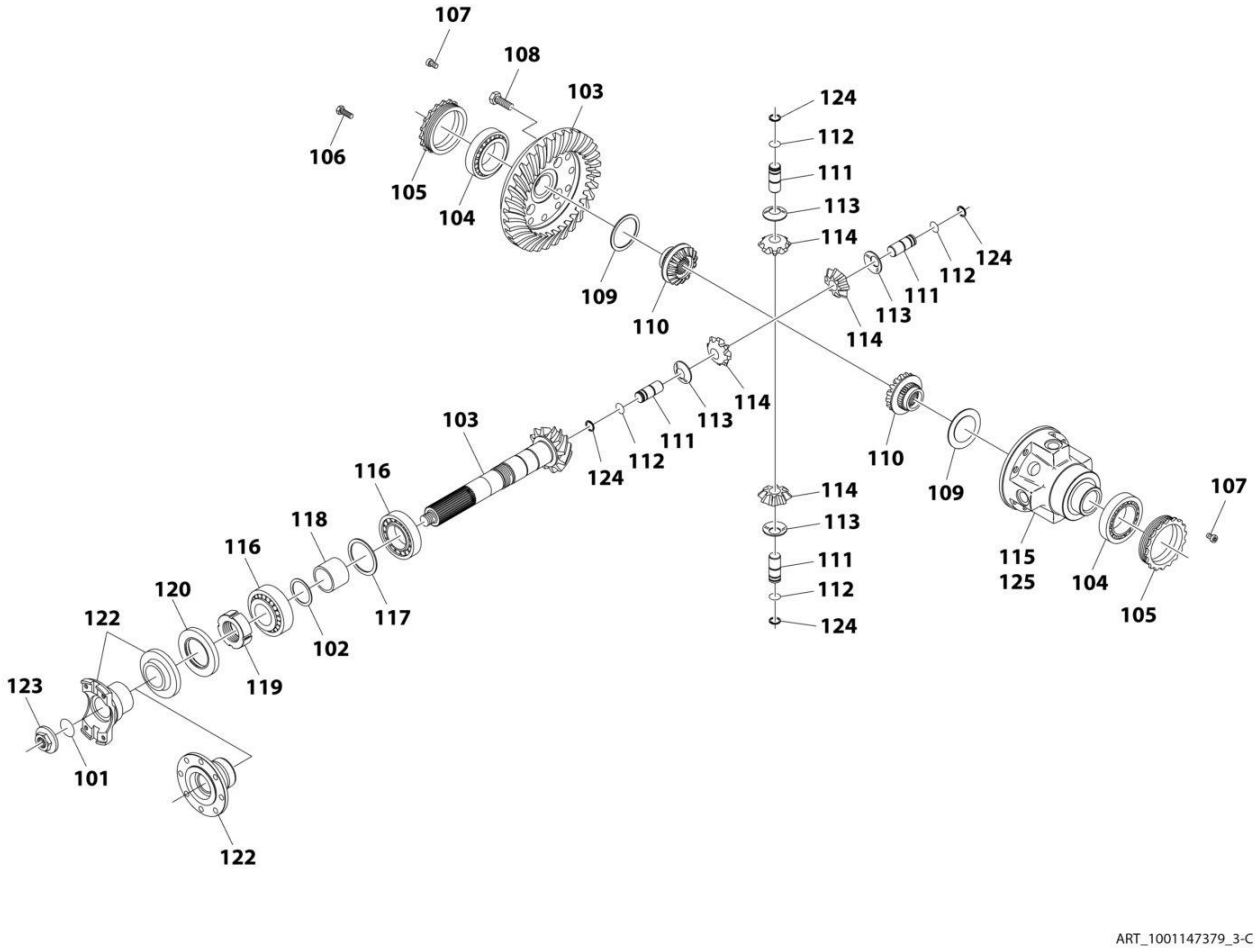

FIGURE 5-33. REAR AXLE, DIFFERENTIAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147379	Ref	REAR AXLE - DIFFERENTIAL	C
101	91474529	1	O-Ring	
102	91474537	1	Shim	
103	70026139	1	Bevel Gear Set	
104	70028471	2	Bearing, Taper Roller	
105	91474547	2	Ring Nut	
106	91474591	4	Bolt	
107	91514134	2	Bolt	
108	70025562	12	Bolt	
109	91474593	2	Washer, Friction	
110	91474594	2	Gear, Differential Side	
111	7029131	4	Kit, Pin and Circlip	
112	91474551	4	Circlip	
113	91474553	4	Washer, Friction	
114	91474554	4	Pinion, Differential	
115	91474595	1	Carrier, Differential	
116	3968141	2	Bearing, Taper Roller	
117	91474542	1	Shim	
118	91474539	1	Spacer	
119	91474533	1	Ring Nut	
120	91474532	1	Seal	
122	70022797	1	Kit, Flange and Cover	
123	70026631	1	Nut	
124	91474550	4	Circlip	
125	70029453	1	Kit, Differential	

FIGURE 5-34. REAR AXLE, HUB REDUCTION

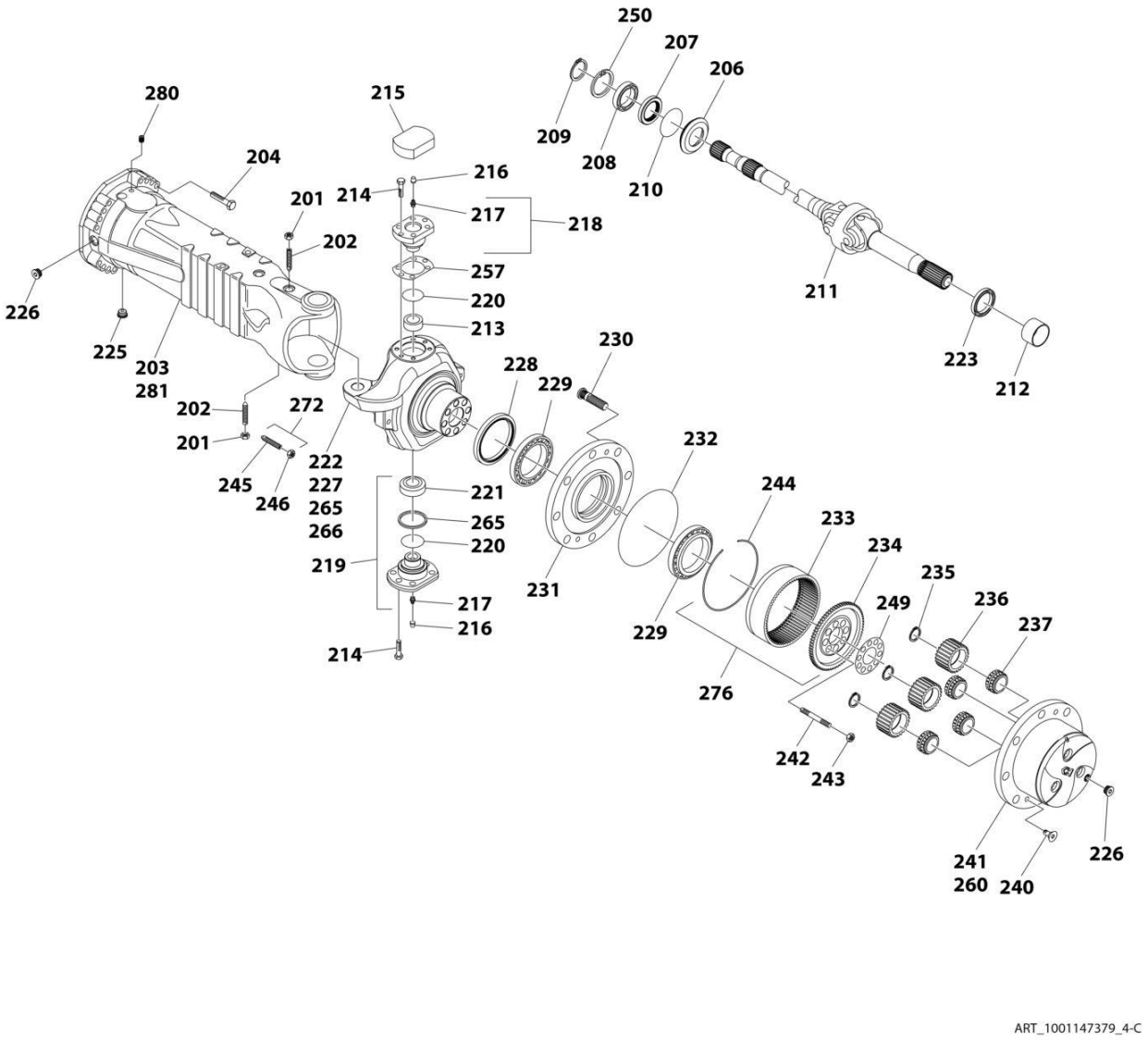

FIGURE 5-34. REAR AXLE, HUB REDUCTION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147379	Ref	REAR AXLE - HUB REDUCTION	C
201	91514082	2	Nut	
202	91514081	2	Bolt	
203	70026140	NLA	Case, Axle (Use PNs 70030150 & 70031523)	
204	70022799	32	Bolt	
206	70031449	2	Bushing, Reduction	
207	91514147	2	Seal	
208	91514146	2	Bearing, Ball	
209	80204071	2	Circlip	
210	91514148	2	O-Ring	
211	70026141	2	Joint, Double Universal	
212	91514111	1	Thrust Bushing	
213	7028714	2	Bushing	
214	70025562	24	Bolt	
215	70028392	2	Cover	
216	80204117	2	Plug	
217	70024881	2	Fitting, Grease	
218	91514112	2	Pin, Pivot	
219	7028715	2	Pin, Pivot	
220	7028716	2	Excluder, Dust	
221	91514095	2	Bearing	
222	7028717	1	Case, Steering (RH)	
223	70025857	2	Seal	
225	7028706	2	Plug	
226	91514188	4	Plug	
227	7028730	1	Case, Steering (LH)	
228	7028721	2	Seal	
229	91474576	4	Bearing	
230	80214120	20	Stud, Wheel	
231	7029737	2	Hub, Wheel	
232	91514181	2	O-Ring	
233	91474580	2	Gear, Ring	
234	91474581	2	Support, Ring Gear	
235	91474585	8	Circlip	
236	91474586	8	Gear, Planet	
237	91474587	8	Bearing	
240	91514189	4	Bolt	
241	7029286	2	Carrier, Planet Gear	
242	70027315	20	Stud	
243	91474584	20	Nut	
244	91474579	2	Circlip	
245	91514117	NLA	Bolt (Item 272 PN 7028733 Kit)	
246	80204065	4	Nut	
249	91474582	2	Plate, Locking	
250	80204005	2	Circlip	
257	91514115	2	Shim	
260	7029431	2	Carrier, Planet Gear	
265	7028729	1	Case, Steering (RH)	
266	7028730	1	Case, Steering (LH)	
272	7028733	4	Kit, Steering Bolt	

SECTION 5 - DRIVE TRAIN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
276	7029736	2	Support, Ring Gear	
280	70030150	2	Bolt	
281	70031523	2	Case, Axle	

FIGURE 5-35. REAR AXLE, BRAKES

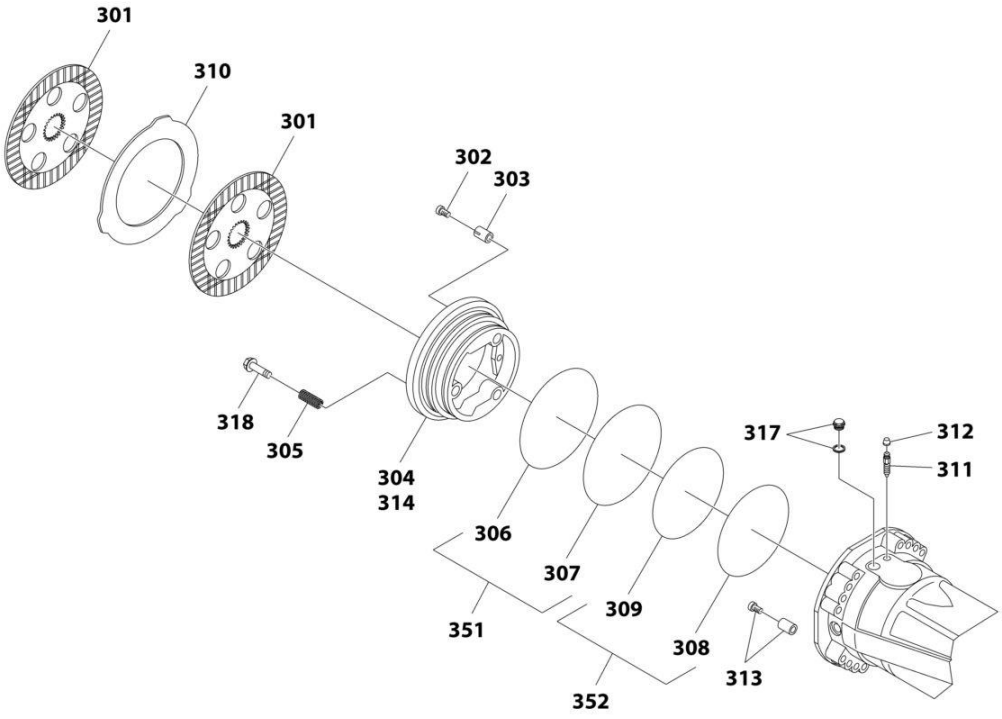

FIGURE 5-35. REAR AXLE, BRAKES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147379	Ref	REAR AXLE - BRAKES	C
301	91474568	8	Disc, Brake	
302	7029786	6	Bolt, Adjusting	
303	70027317	6	Spring	
304	See Note	NSS	Piston (Note: Use PN 70024525)	
305	91514159	6	Spring	
306	3984436	NLA	Ring, Backup (Use PN 70025821)	
307	3984458	NLA	O-Ring (Use PN 70025821)	
308	3984447	NLA	Ring, Backup (Use PN 70025822)	
309	3984469	NLA	O-Ring (Use PN 70025822)	
310	91474569	10	Disc, Brake	
311	80204281	2	Bolt, Bleeding	
312	80204117	2	Plug	
313	70021613	2	Bolt, Pilot	
314	70028452	2	Kit, Piston Position	
317	91514154	2	Plug	
318	91514160	6	Bolt, Adjusting	
351	70025821	2	Kit, Seal (Includes Items 306 & 307)	
352	70025822	2	Kit, Seal (Includes Items 308 & 309)	

FIGURE 5-36. REAR AXLE, STEERING

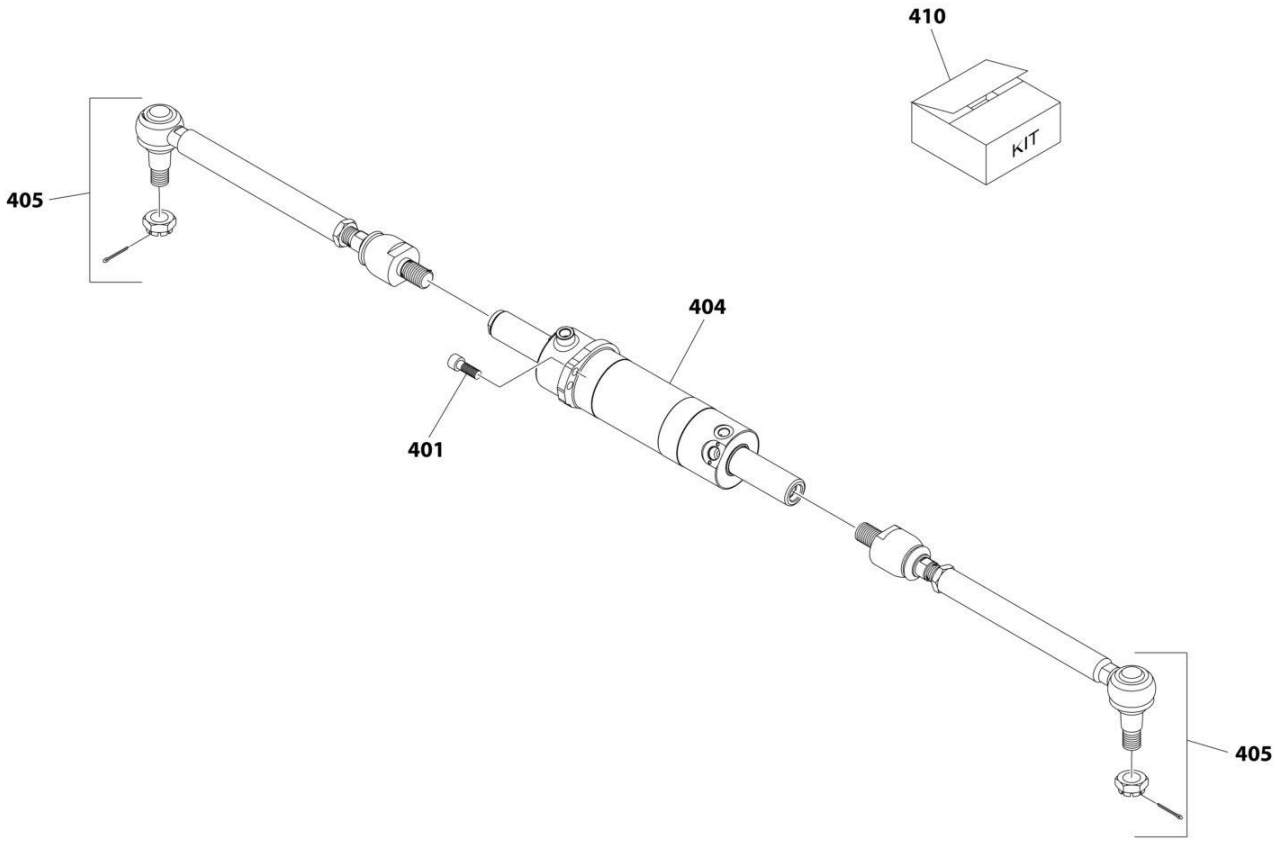

FIGURE 5-36. REAR AXLE, STEERING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147379	Ref	REAR AXLE - STEERING	C
401	91474522	4	Bolt	
404	70026137	1	Cylinder	
405	70026138	2	Bar	
410	70025842	1	Kit, Seal - 70026137 Cylinder	

FIGURE 5-37. REAR AXLE, TRUNION

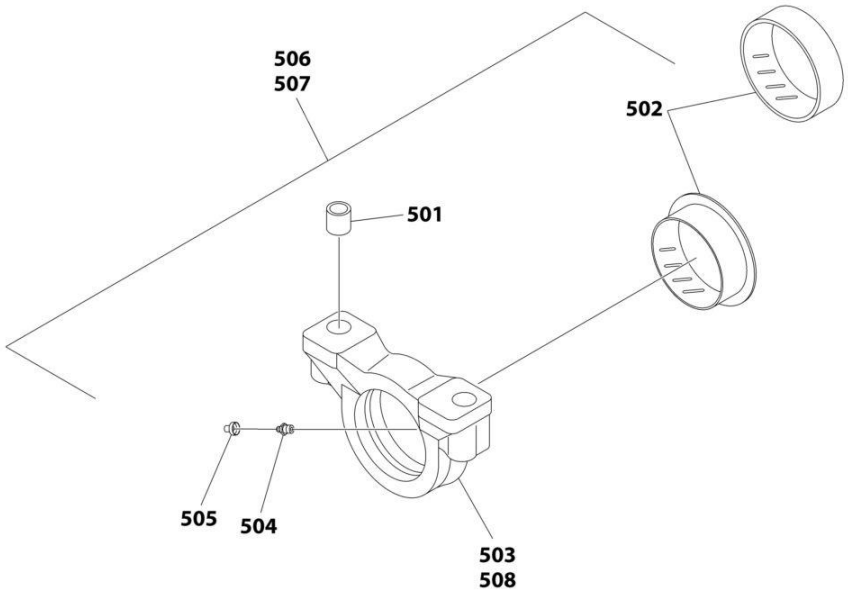

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FIGURE 5-37. REAR AXLE, TRUNION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147379	Ref	REAR AXLE - TRUNION	C
501	91474516	2	Bushing, Reduction	
502	91474515	1	Thrust Bushing	
503	See Note	NSS	Support Assembly (Note: Use PN 7029283)	
504	70024881	1	Fitting, Grease	
505	80204117	1	Plug	
506	7029282	1	Support Assembly	
507	7029283	1	Support Assembly	
508	See Note	NSS	Support Assembly (Note: Use PN 7029282)	

FIGURE 5-38. TIRE SET, 13.00-24 PNEUMATIC

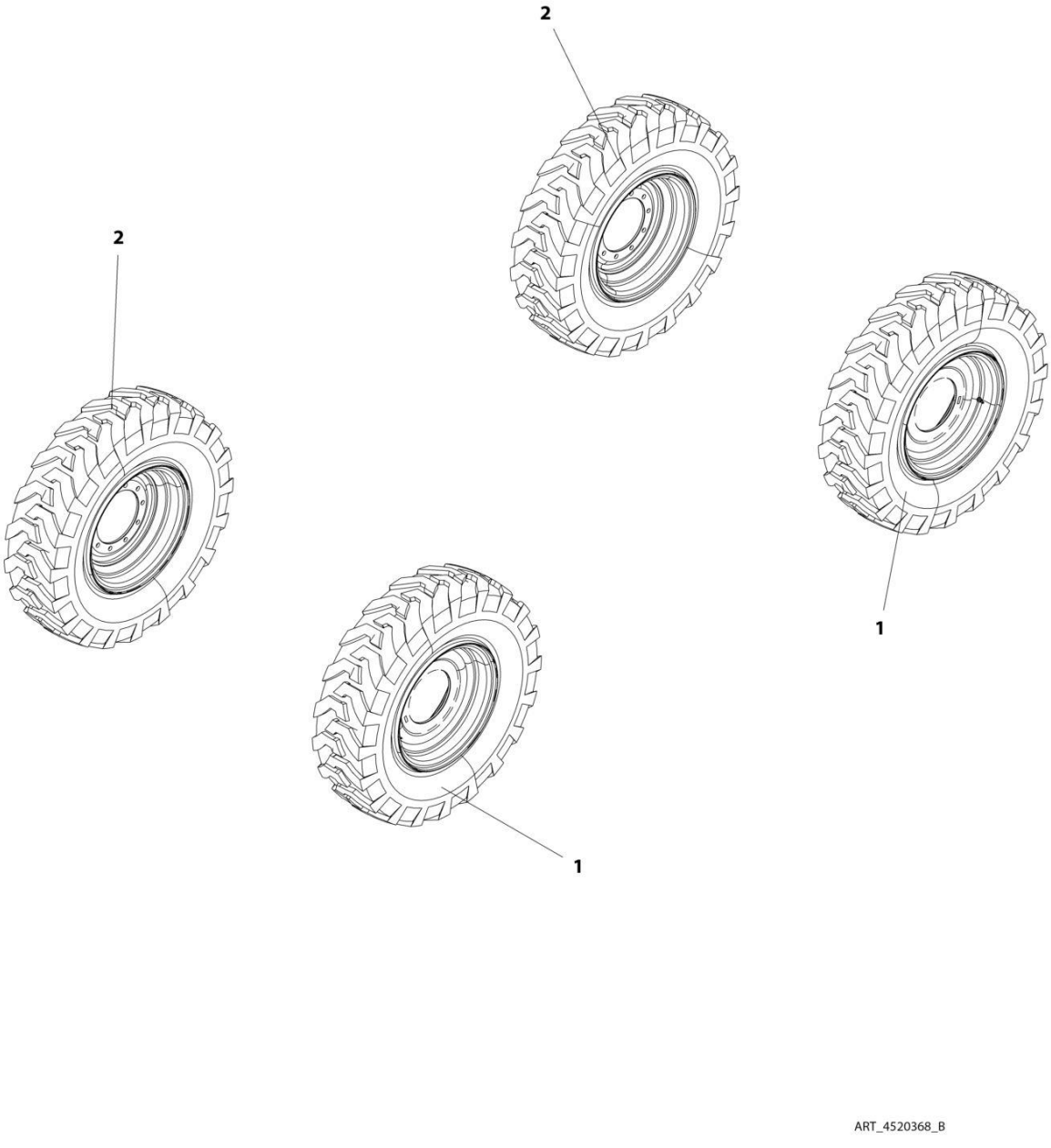


FIGURE 5-38. TIRE SET, 13.00-24 PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4520368	Ref	Tire Set, 13.00-24 Pneumatic	B
1	91405035	2	Assembly, RH Tire and Wheel (See Items 101-103 for Breakdown)	
1	8780031	2	Tire, 13.00x24 (1 per Assembly)	
1	8786514	2	Valve, Air (1 per Assembly)	
1	91473206	2	Wheel 24x9 (1 per Assembly)	
2	91405036	2	Assembly, LH Tire and Wheel (See Items 101-103 for Breakdown)	
2	8780031	2	Tire, 13.00x24 (1 per Assembly)	
2	8786514	2	Valve, Air (1 per Assembly)	
2	91473206	2	Wheel 24x9 (1 per Assembly)	

FIGURE 5-39. TIRE SET, 13.00-24 FOAM FILLED

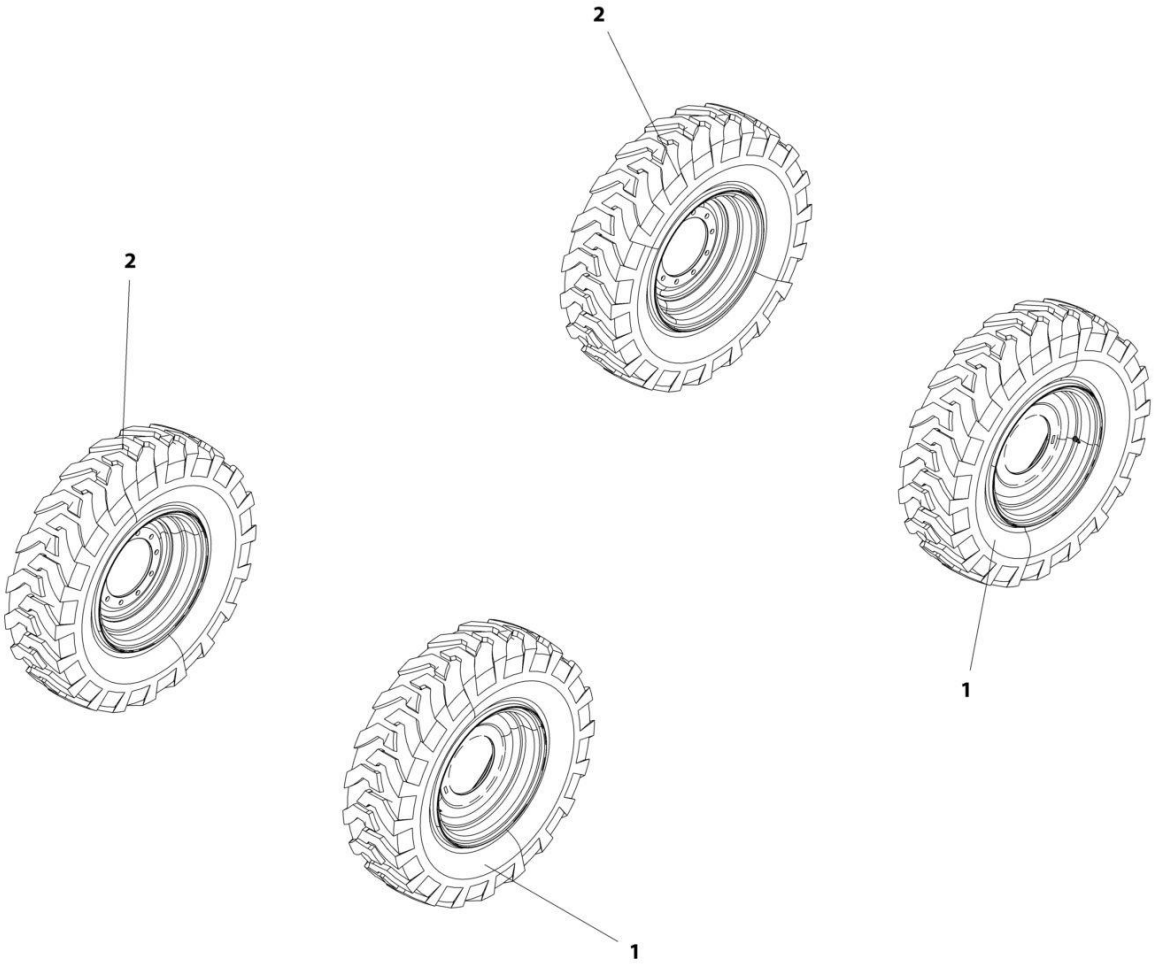


FIGURE 5-39. TIRE SET, 13.00-24 FOAM FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4520370	Ref	Tire/Wheel Set 13-24 12PR - Foam	B
		Ref	Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.	
		Ref	Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.	
1	91475054	2	Tire/Wheel Assembly - RH 13-24 G-2 - Foam	
1	8780031	2	Tire, 13.00x24 TG 16 PLY G2, BIAS (1 Per Assembly)	
1	8786514	2	Valve, Stem (1 Per Assembly)	
1	91473206	2	Wheel, 24x9.00 GR (1 Per Assembly)	
2	91475055	2	Tire/Wheel Assembly - LH 13-24 G-2 - Foam	
2	8780031	2	Tire, 13.00x24 TG 16 PLY G2, BIAS (1 Per Assembly)	
2	8786514	2	Valve, Stem (1 Per Assembly)	
2	91473206	2	Wheel, 24x9.00 GR (1 Per Assembly)	

FIGURE 5-40. TIRE SET, 13.00-24 ROCK FOAM (6042)

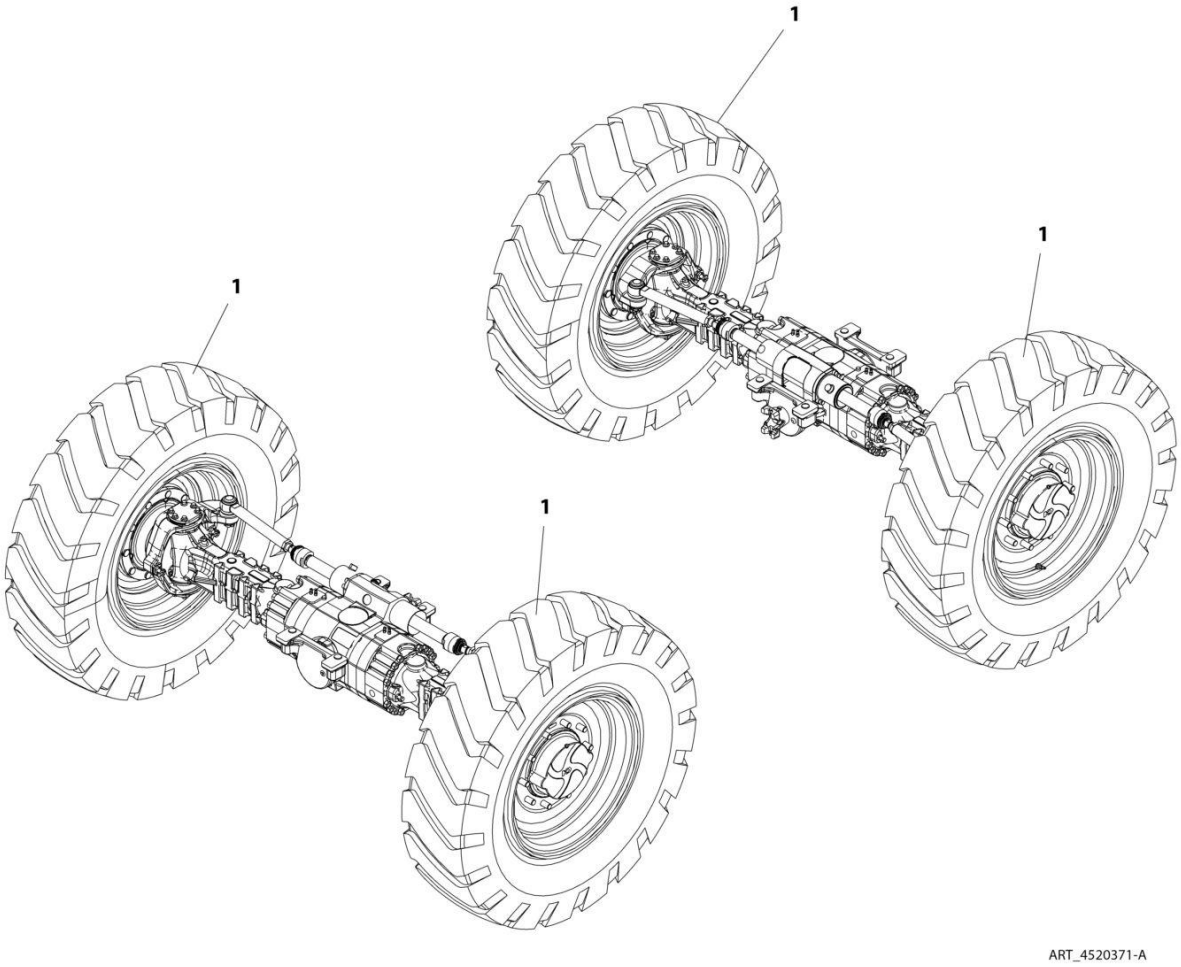


FIGURE 5-40. TIRE SET, 13.00-24 ROCK FOAM (6042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4520371	Ref	Tire Set, 13.00-24 Rock Foam	A
		Ref	**Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.**	
		Ref	**Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.**	
1	91535019	4	Assembly, Tire and Wheel (See Items 102-104 for Breakdown) (6042)	
1	8780045	4	Tire, 13.00X24 (1 Per Assembly)	
1	8786514	4	Valve, Stem (1 Per Assembly)	
1	91473206	4	Wheel, 24x9.00 GR (1 Per Assembly)	

FIGURE 5-41. TIRE SET, 370/75-28 PNEUMATIC

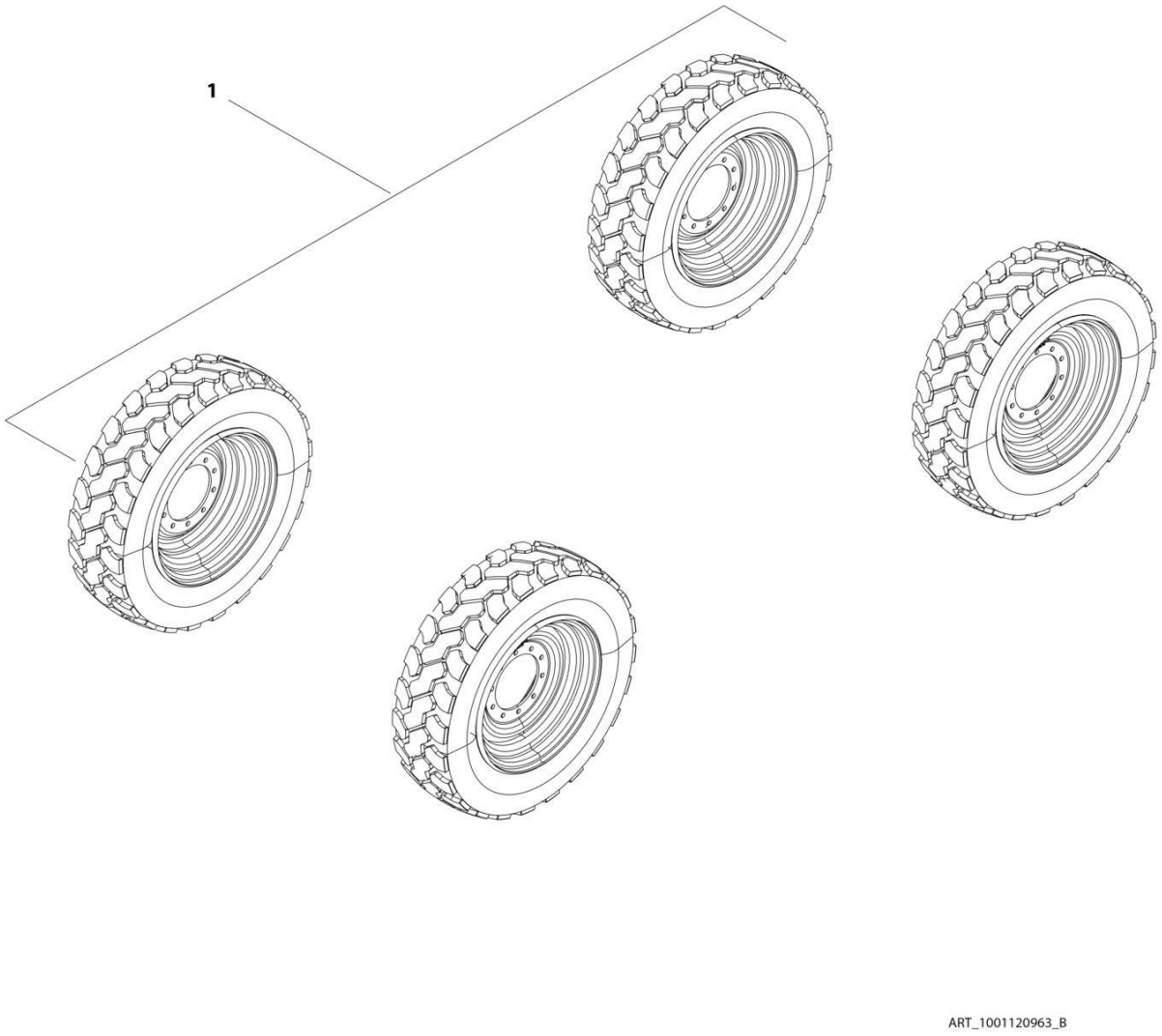


FIGURE 5-41. TIRE SET, 370/75-28 PNEUMATIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001120963	Ref	Tire/Wheel Set 370/75-28 - Air	B
1	1001100323	4	Assembly, Tire/Wheel 370/75-28 - Air	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001100284	4	Tire (1 per assembly)	

FIGURE 5-42. TIRE SET, 370/75-28 FOAM FILLED

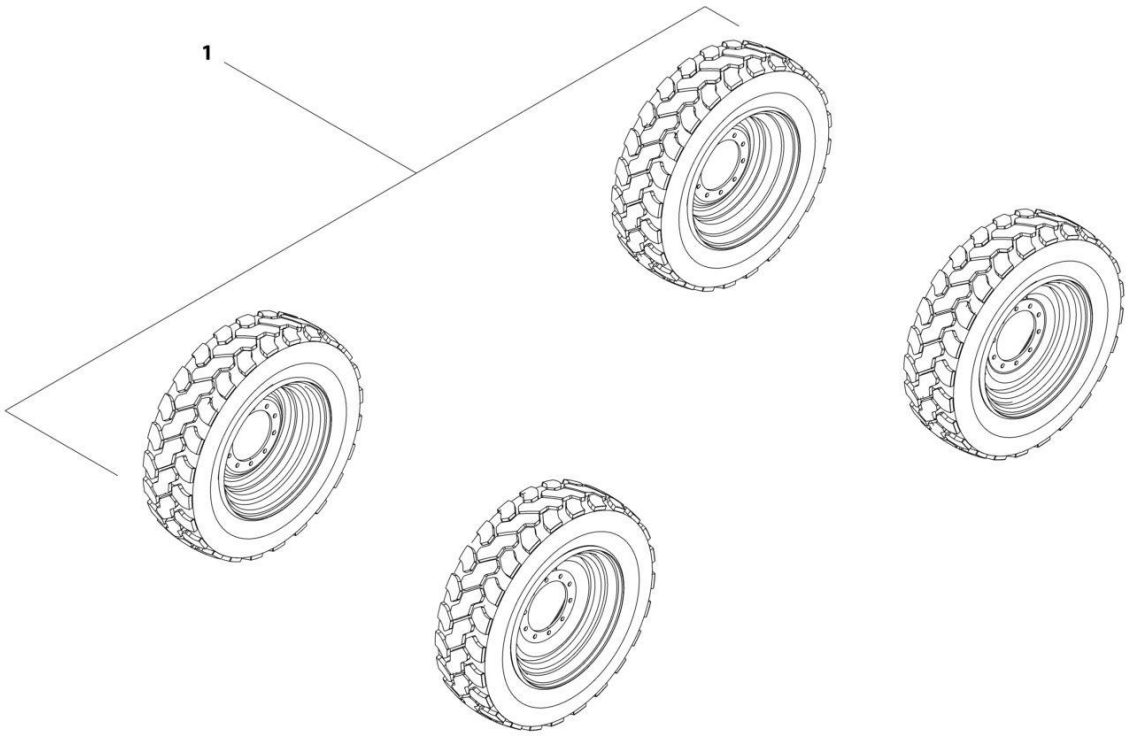


FIGURE 5-42. TIRE SET, 370/75-28 FOAM FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001121519	Ref	Tire/Wheel Set 370/75-28 - Foam	B
		Ref	Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.	
		Ref	Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.	
1	1001121101	4	Tire/Wheel Assembly 370/75-28 Foam	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001100284	4	Tire 370/75-28 Non-Marking (1 per assembly)	

FIGURE 5-43. TIRE SET, 315/95-28/8.5 SOLID

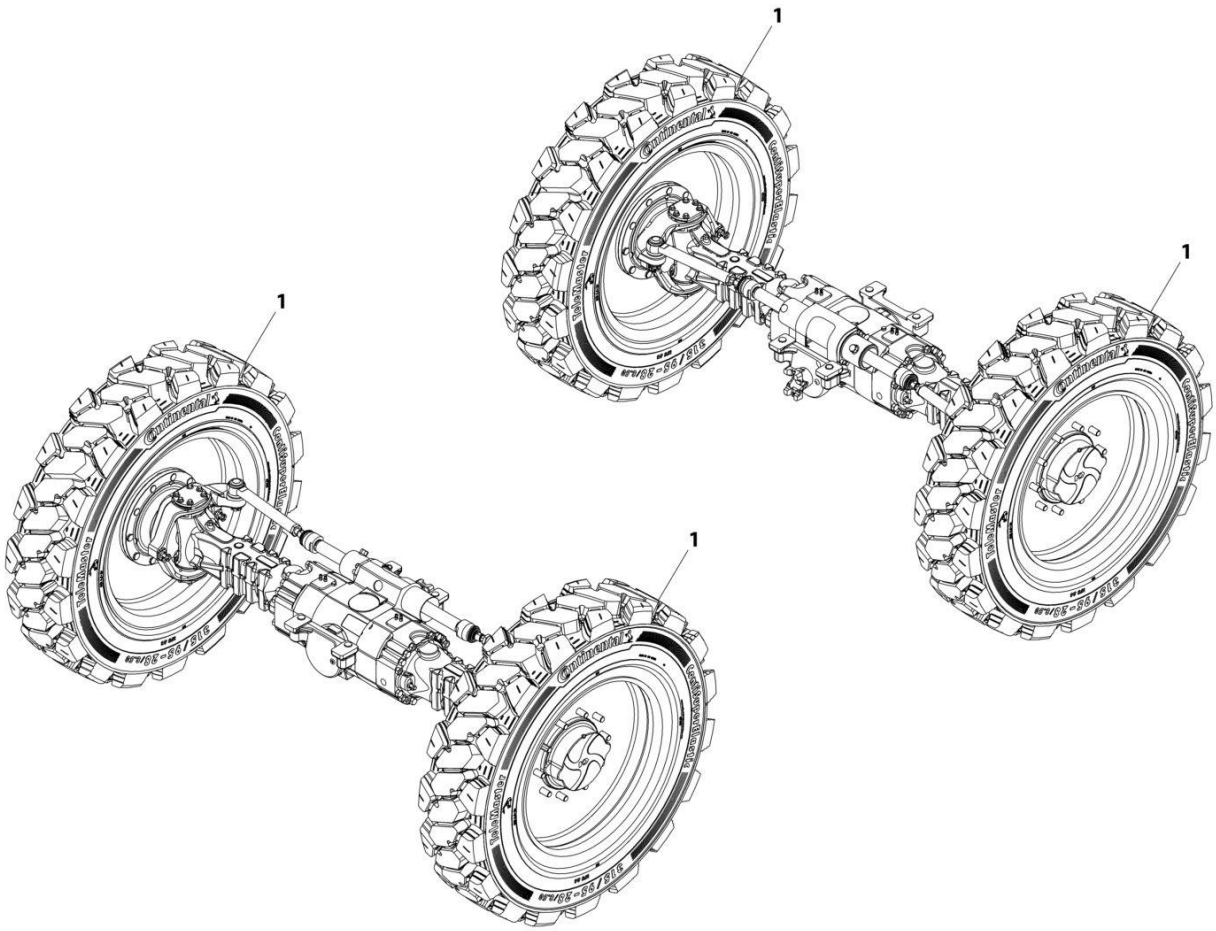


FIGURE 5-43. TIRE SET, 315/95-28/8.5 SOLID

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221500	Ref	Tire Set, 315/95-28/8.5 Solid	A
1	1001213199J	4	Tire & and Wheel Assembly - 315/95-28/8.5 Solid (Sold as an Assembly Only)	

FIGURE 5-44. TIRE SET, 370/75-28 PNEUMATIC NON-MARKING

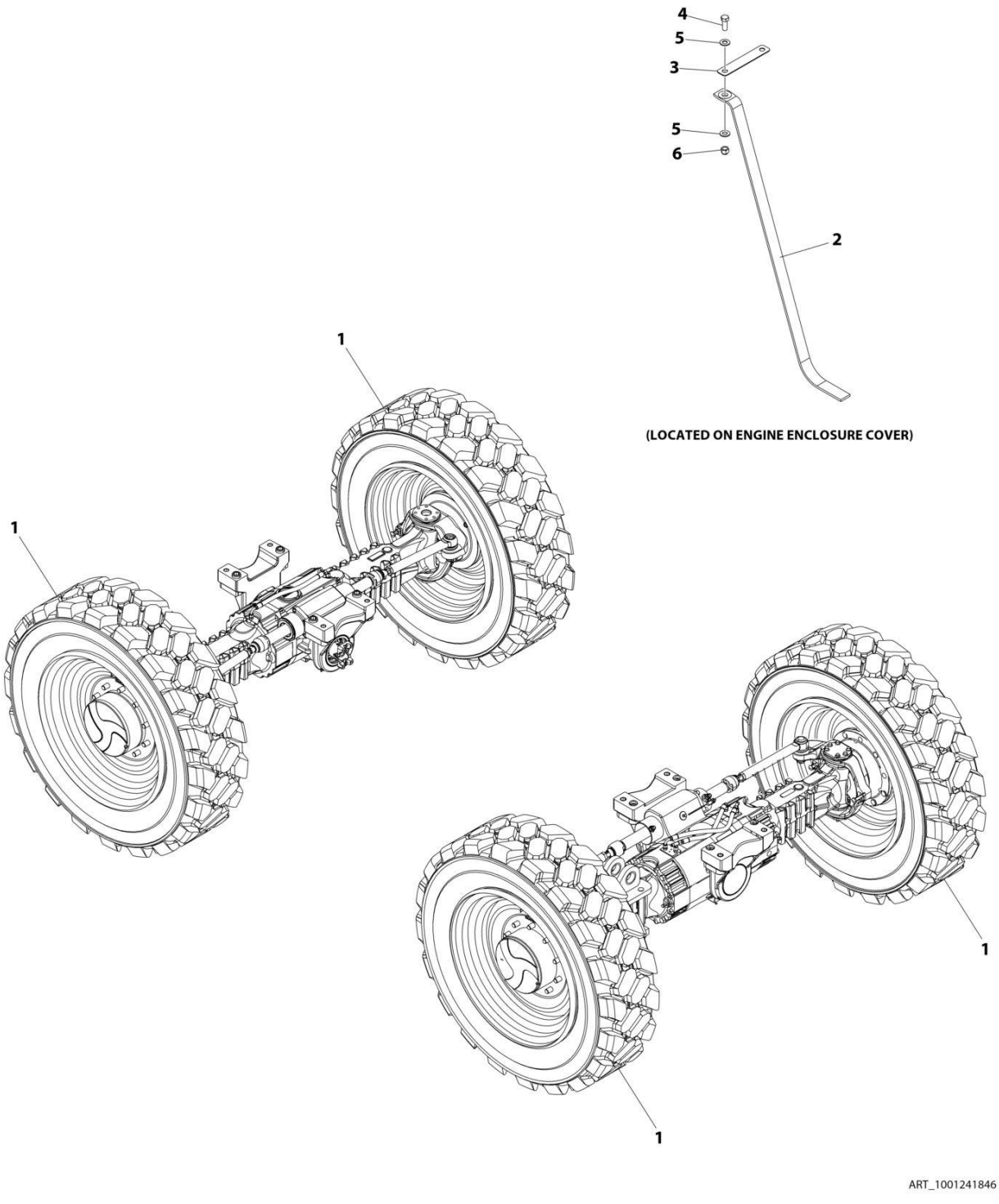


FIGURE 5-44. TIRE SET, 370/75-28 PNEUMATIC NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241846	Ref	TIRE SET, 370/75-28 - PNEUMATIC NON-MARKING	B
1	1001241839	4	Tire and Wheel Assembly	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001241838	4	Tire 370/75-28 Non-Marking (1 per assembly)	
2	1001275637	1	Strap, Anti-Static	
3	1001275638	1	Bracket, Anti-Static Strap	
4	8303620	1	Bolt 3/8 x 1	
5	8307110	2	Washer 3/8	
6	8305645	1	Nut 3/8	

FIGURE 5-45. TIRE SET, 370/75-28 FOAM FILLED NON-MARKING

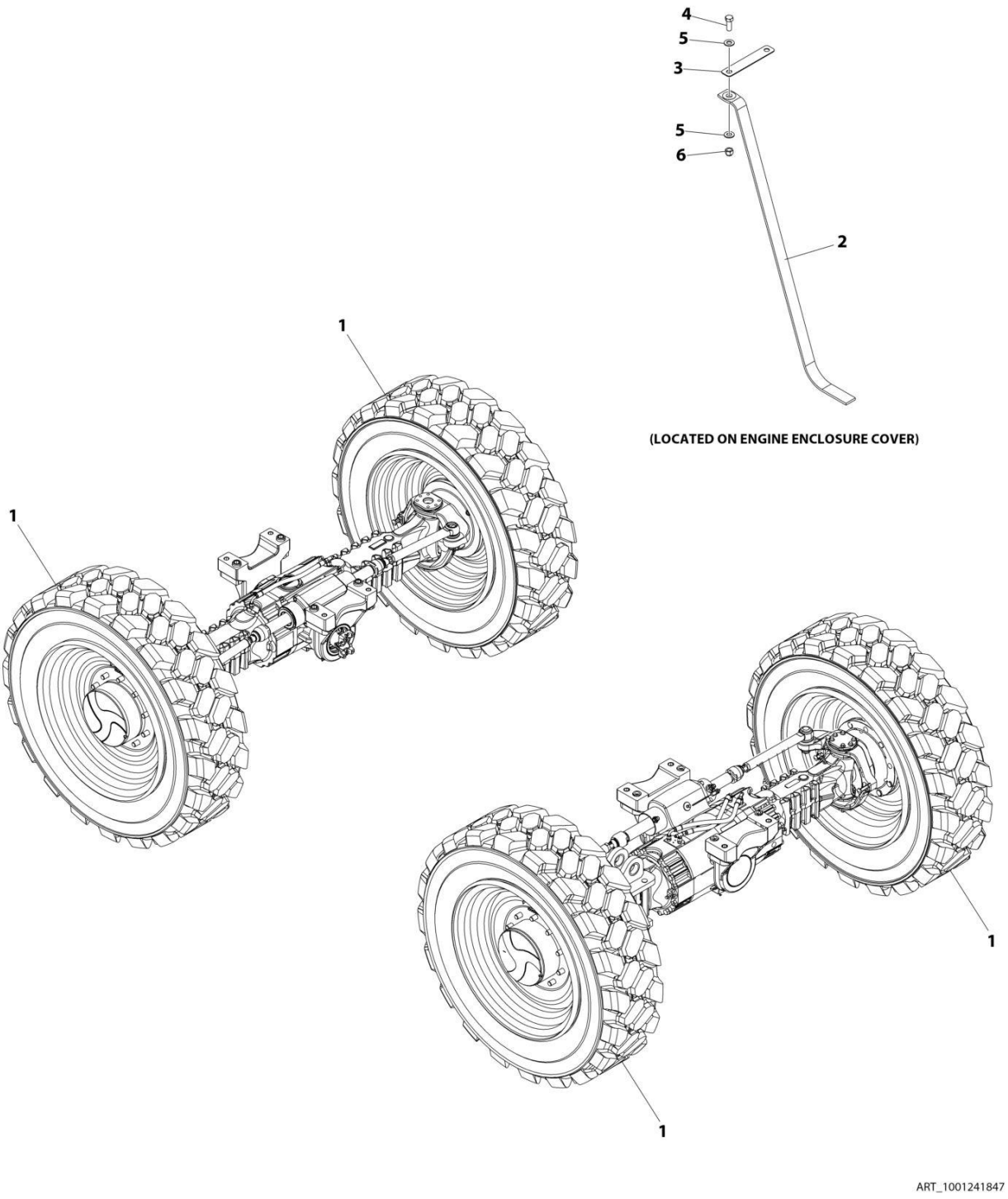


FIGURE 5-45. TIRE SET, 370/75-28 FOAM FILLED NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241847	Ref	TIRE/WHEEL SET, 370/75-28 - FOAM NON-MARKING	B
		Ref	Note: Assemblies require ballast/foam filling to manufacture's specifications prior to installing on machine. Refer to Operation & Safety or Service & Maintenance Manuals.	
		Ref	Purchase individual tire and/or wheel only if able to foam fill tire & wheel assembly, otherwise purchase complete assembly.	
1	1001241840	4	Tire and Wheel, 370/75-28 - Foam Non-Marking	
1	8786514	4	Valve, Air (1 per assembly)	
1	1001099976	4	Wheel (1 per assembly)	
1	1001241838	4	Tire 370/75-28 Non-Marking (1 per assembly)	
2	1001275637	1	Strap, Anti-Static	
3	1001275638	1	Bracket, Anti-Static Strap	
4	8303620	1	Bolt 3/8 x 1	
5	8307110	2	Washer 3/8	
6	8305645	1	Nut 3/8	

FIGURE 5-46. TIRE SET 18 X 625 PNUEMATIC TURF/SAND

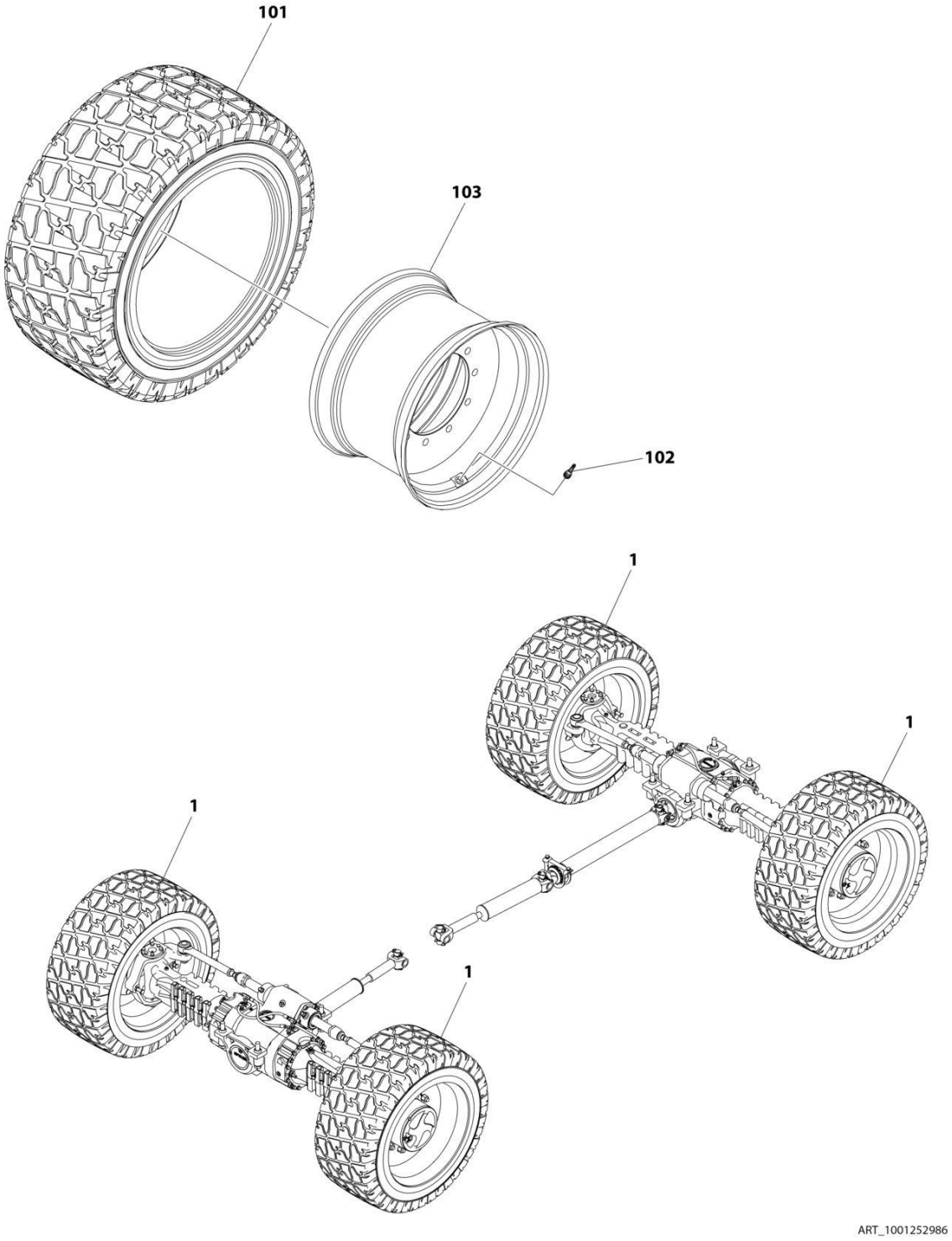


FIGURE 5-46. TIRE SET 18 X 625 PNUEMATIC TURF/SAND

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252986	Ref	TIRE SET - 18 X 625 (TURF PNEUMATIC)	B
1	1001259635	4	Tire and Wheel Assembly	
101	4520356	4	Tire - 18 x 625 Turf/Sand (1 per assembly)	
102	4641122	4	Valve, Air (1 per assembly)	
103	1001246001	4	Wheel (1 per assembly)	

FIGURE 5-47. FENDER INSTALLATION

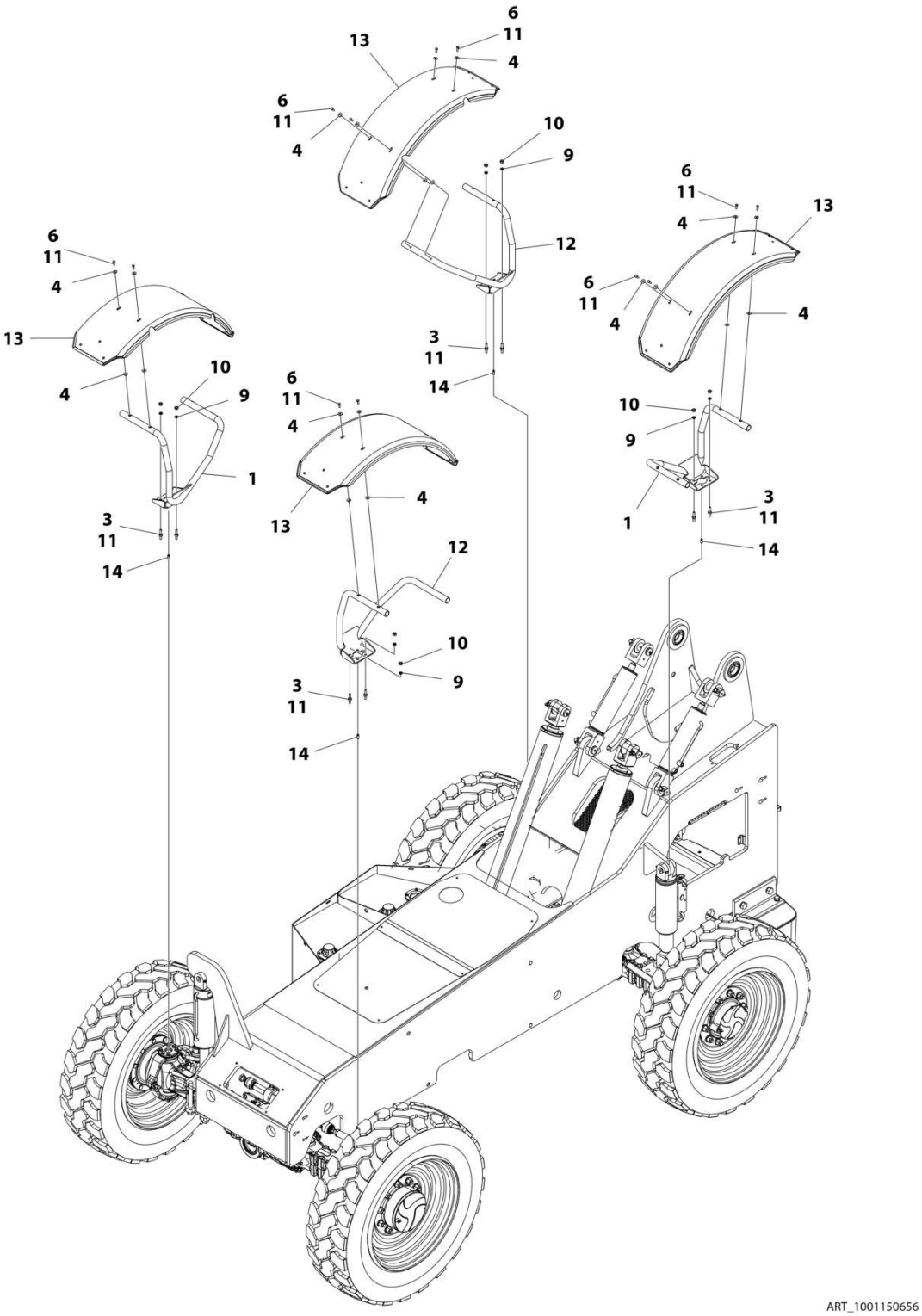


FIGURE 5-47. FENDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150656	Ref	FENDER INSTALLATION	C
1	1001150652	2	Bracket, Fender Weldment	
14	1001225317	5	Fitting	
3	91514118	16	Stud, Fender	
4	4811902	32	Washer M8	
6	0760812	16	Bolt M8 x 25	
9	83191010	16	Washer M12	
10	91513266	16	Nut M12 x 1-1/4	
11	1001095650	AR	Compound, Locking	
12	1001150655	2	Bracket, Fender Weldment	
13	1001154055	4	Fender	

SECTION 6 - CAB

FIGURE 6-1. CAB INSTALLATION

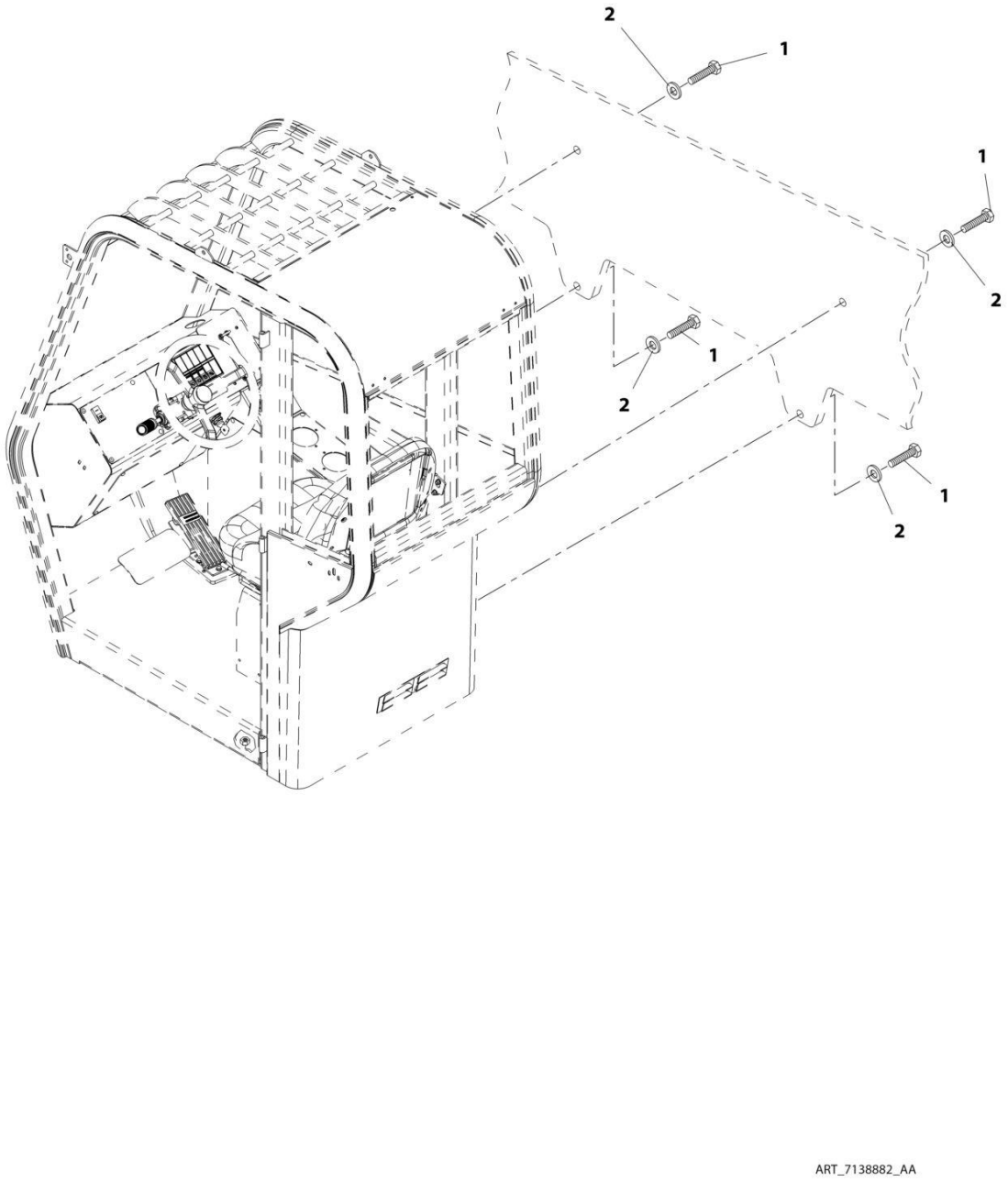
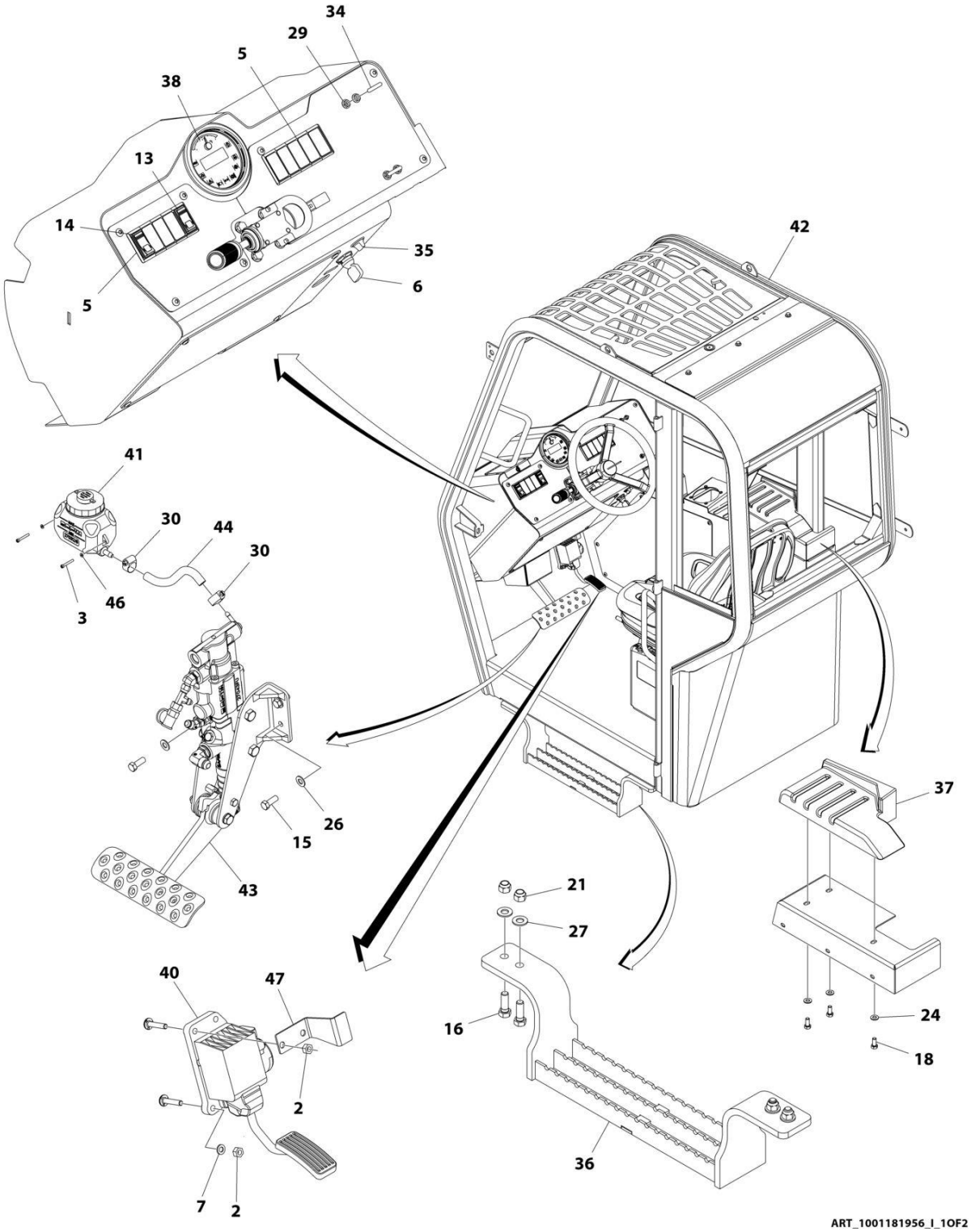


FIGURE 6-1. CAB INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7138882	Ref	Cab Installation	AA
1	8310493	4	Bolt, 7/8-9X5-1/2, Grade 8	
2	8307011	4	Washer, Lock 7/8	

FIGURE 6-2. CAB INSTALLATION - OPEN



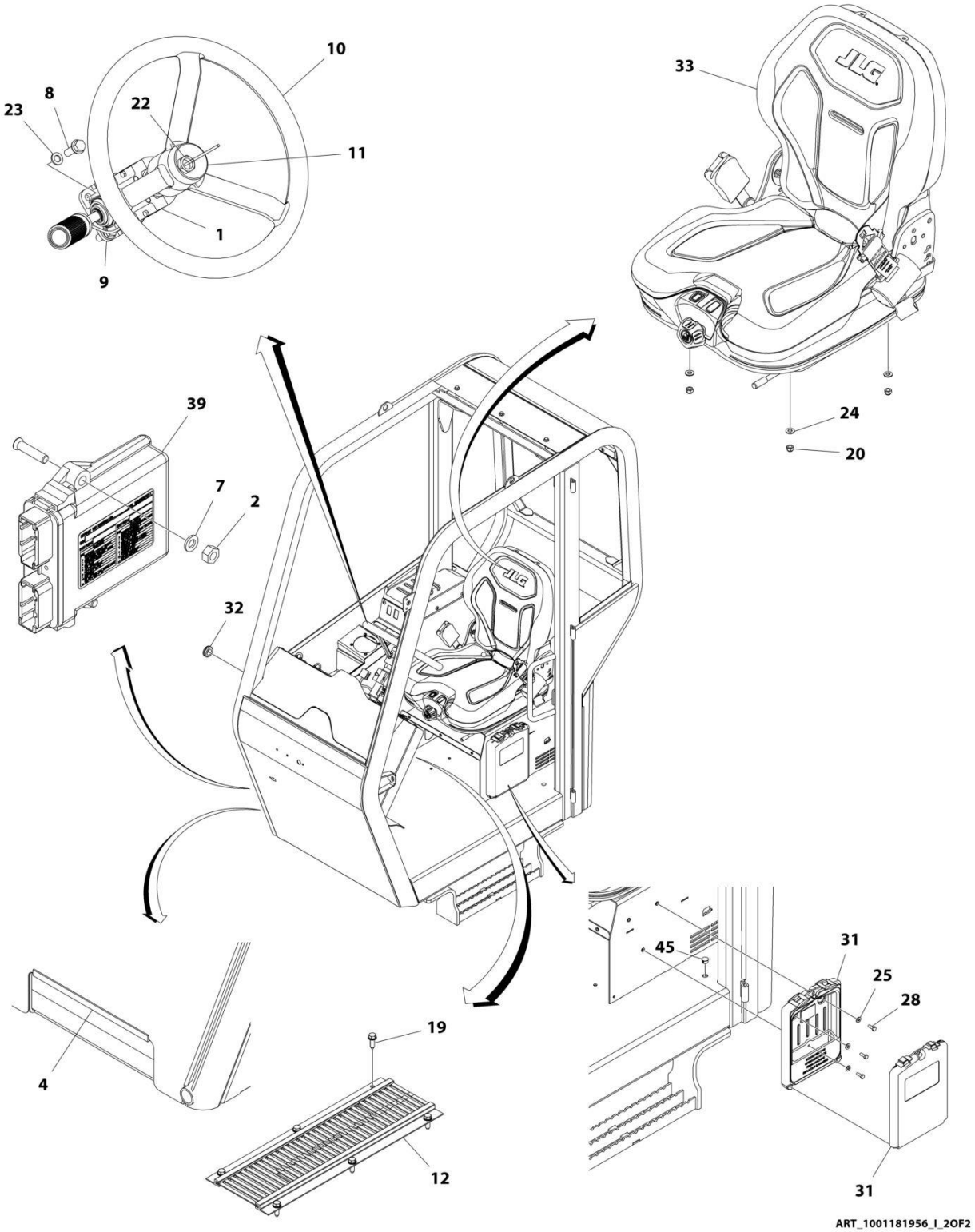

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FIGURE 6-2. CAB INSTALLATION - OPEN

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181956	Ref	OPEN CAB INSTALLATION	I
1	1600429	1	Selector, Transmission Control	
2	3311401	5	Nut 1/4	
3	3930610	2	Bolt #6 x 5/8	
4	4060806	11 in	Flex-Trim	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
6	8035807	1	Key (with cover)	
7	4761400	3	Washer 1/4	
8	5251014	4	Bolt M10 x 30	
9	7138833	1	Column, Steering	
10	7138836	1	Wheel, Steering	
11	7138878	1	Button, Horn	
12	7138944	2	Strips, Brush	
13	8223037	1	Switch, Steer Select	
14	8223054	1	Switch, Park Brake	
15	8303620	4	Bolt 3/8 x 1	
16	8303626	4	Bolt 1/2 x 1-1/2	
18	8303697	3	Bolt 5/16 x 3/4	
19	8303982	6	Screw 1/4 x 3/4	
20	8305626	4	Nut 5/16	
21	8305644	4	Nut 1/2	
22	8305916	1	Nut, Steering Column	
23	8307023	4	Washer M10	
24	8307106	7	Washer 5/16	
25	8307109	3	Washer 1/4	
26	8307110	4	Washer 3/8	
27	8307112	4	Washer 1/2	
28	8310026	3	Bolt 1/4 x 3/4	
29	8310382	8	Nut 1/4	
30	1320022	2	Clamp, Fuel Line	
31	8990147	1	Holder, Manual	
32	1001081049	1	Grommet, Split	
33	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
34	1001102844	2	U-Bolt 1/4 x 1-1/4	
35	1001114867	1	Socket, 12V Power Point	
36	1001256519	1	Mount, Cab Step	
37	1001159878	1	Support, Armrest	
38	1001170738	1	Gauge	
39	1001210703	1	Controller	
40	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	
41	1001183164	1	Reservoir, Brake Valve	
42	1001246736	1	Cab, Open (See Separate Breakdown in this Section)	
43	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
44	1001201658	1	Hose	
45	1001207963	1	Plug, 5/8	
46	4710600	2	Washer	
47	1001265914	1	Cover, Pedal	

FIGURE 6-3. CAB ASSEMBLY - OPEN CAB

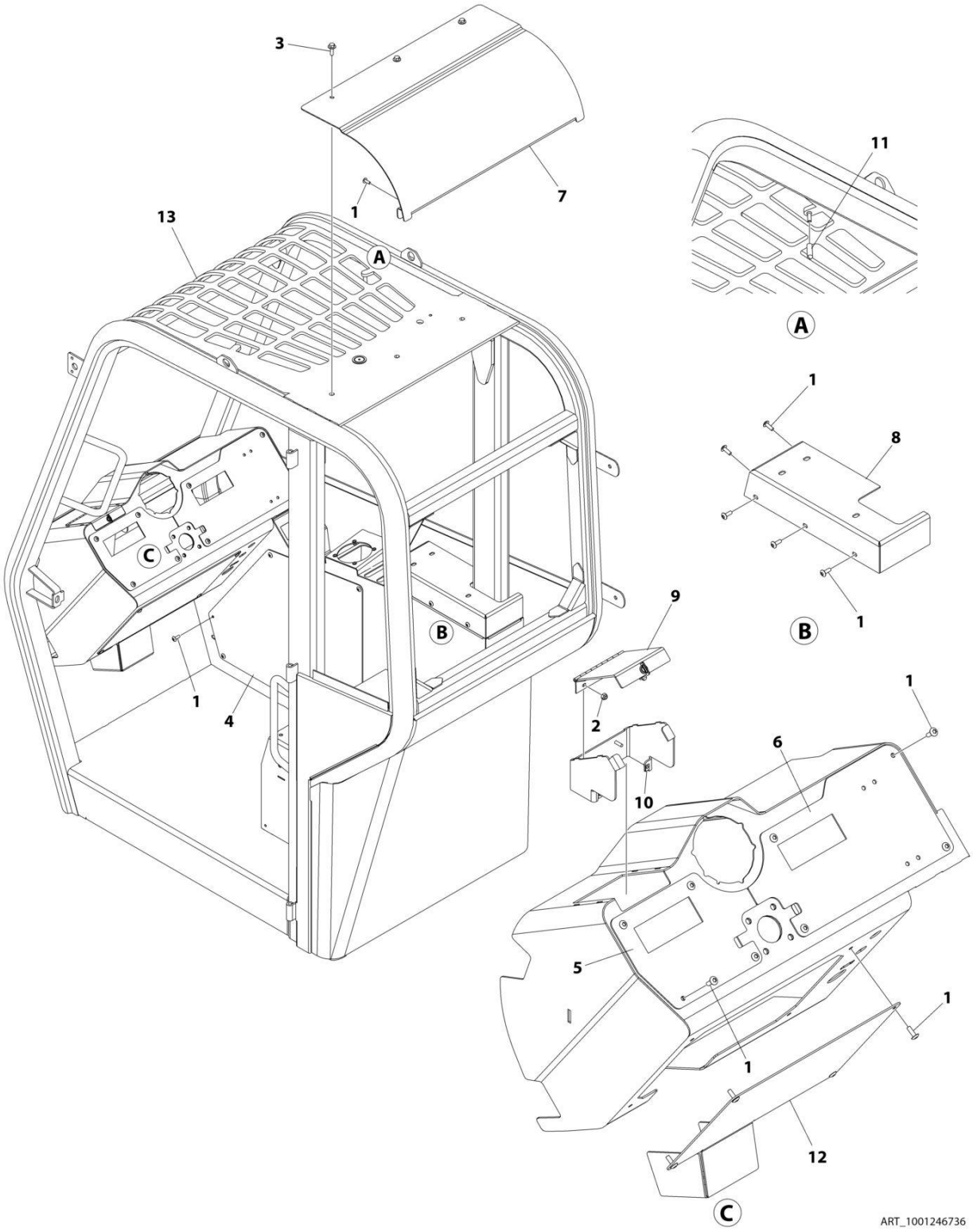
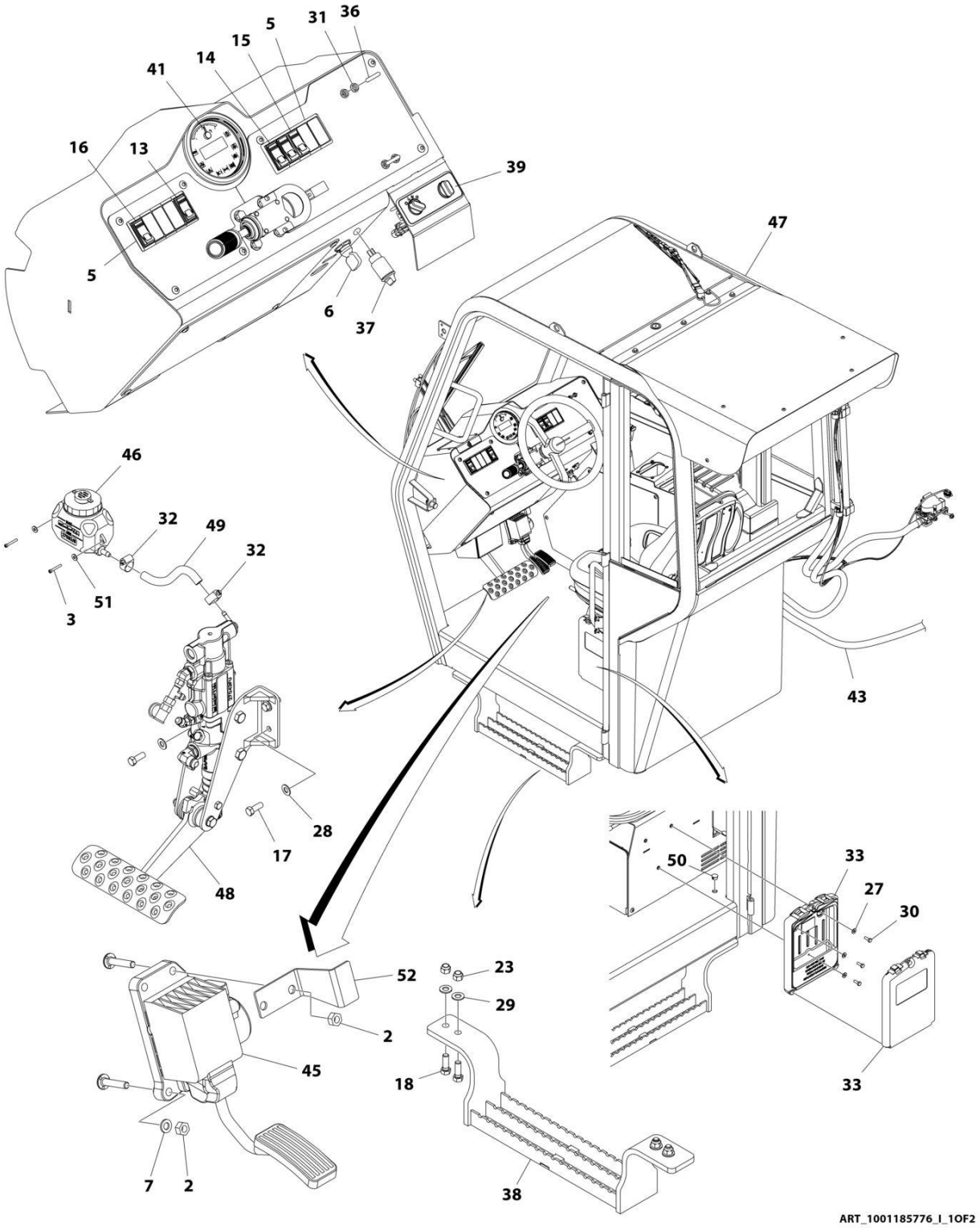


FIGURE 6-3. CAB ASSEMBLY - OPEN CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246736	Ref	CAB OPEN	D
1	8303034	25	Screw 1/4 x 3/4	
2	8310085	2	Nut M10	
3	1001149227	3	Screw 5/16 x 1	
4	1001160788	1	Panel, RH Console Access Plate	
5	1001160790	1	Panel, LH Dash Cover	
6	1001160791	1	Panel, RH Dash Cover	
7	1001160815	1	Panel, Roof Cover	
8	1001165617	1	Assembly, Side Console Access Panel	
9	1001202189	1	Door, Brake Reservoir	
10	1001202202	2	Nut	
11	1001202615	2	Cap, Silicon Stud Cover	
12	1001202746	1	Panel, Brake Access Plate	
13	1001246735	1	Cab Weldment	

FIGURE 6-4. CAB INSTALLATION - ENCLOSED CAB WITH HEATER



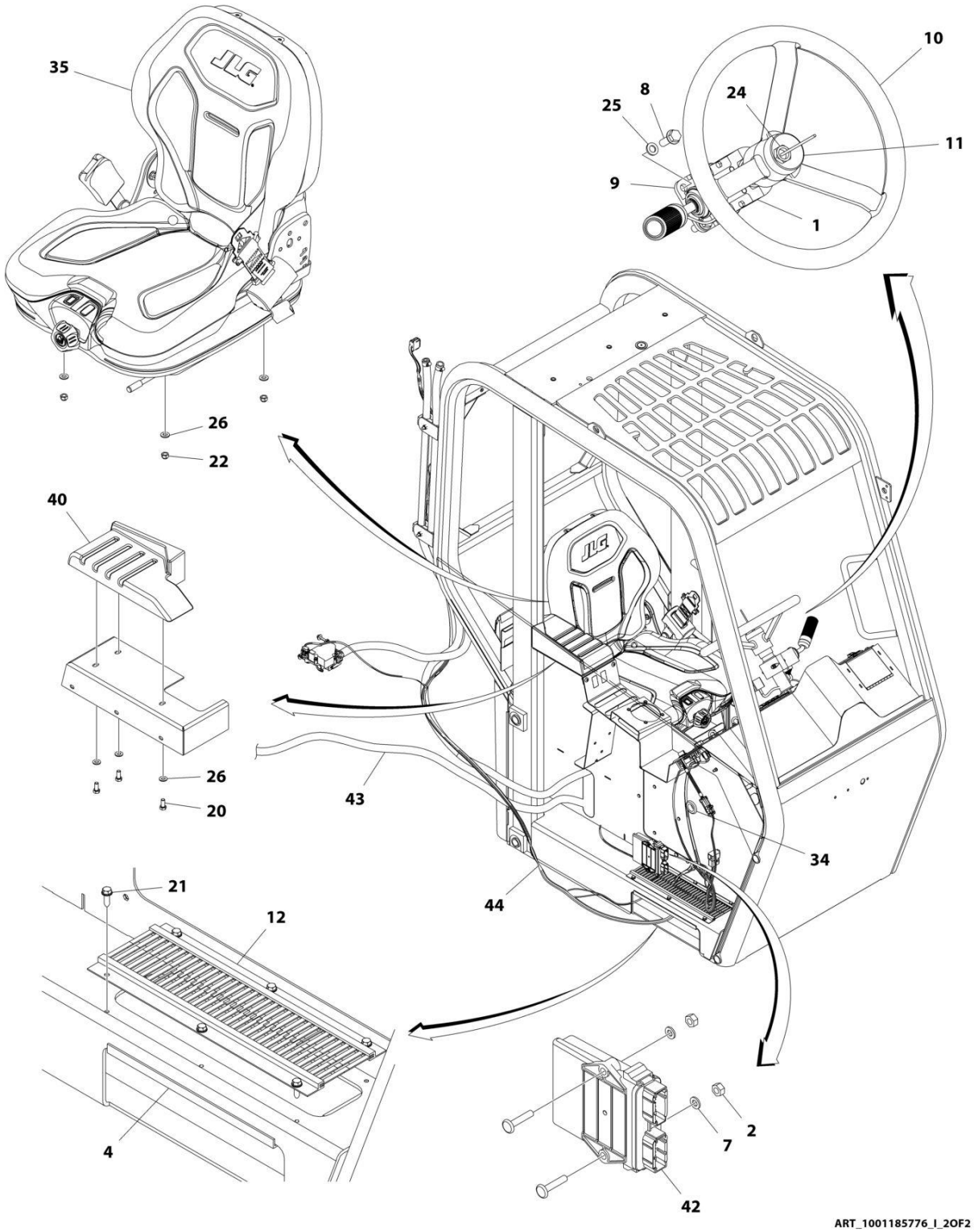

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FIGURE 6-4. CAB INSTALLATION - ENCLOSED CAB WITH HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185776	Ref	ENCLOSED CAB WITH HEATER INSTALLATION	I
1	1600429	1	Selector, Transmission Control	
2	3311401	5	Nut 1/4	
3	3930610	2	Bolt 6 x 5/8	
4	4060806	11 in	Shield, Flex Trim, 5/16	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
6	8035807	1	Key (with cover)	
7	4761400	3	Washer 1/4	
8	5251014	4	Bolt M10 x 30	
9	7138833	1	Column, Steering	
10	7138836	1	Wheel, Steering	
11	7138878	1	Button, Horn	
12	7138944	2	Strips, Brush	
13	8223037	1	Switch, Steer Select	
14	8223043	2	Switch, Windscreen Wiper	
15	8223044	1	Switch, Windscreen Washer	
16	8223054	1	Switch, Park Brake	
17	8303620	4	Bolt 3/8 x 1	
18	8303626	4	Bolt 1/2 x 1-1/2	
20	8303697	3	Bolt 5/16 x 3/4	
21	8303982	6	Screw 1/4 x 3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer M10	
26	8307106	7	Washer 5/16	
27	8307109	3	Washer 1/4	
28	8307110	4	Washer 3/8	
29	8307112	4	Washer 1/2	
30	8310026	3	Bolt 1/4 x 3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet, Split	
35	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	Bolt 1/4 x 1-1/4	
37	1001114867	1	Socket, 12V Power Point	
38	1001256519	1	Mount, Cab Step	
39	1001159850	1	Panel, Heater Control	
40	1001159878	1	Support, Armrest	
41	1001170738	1	Gauge	
42	1001210703	1	Controller	
43	1001171807	1	Installation, Cab Heater Lines (See Separate Breakdown in this Section)	
44	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
45	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	
46	1001183164	1	Reservoir, Brake Valve	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001246737	1	Cab, Enclosed with Heater (See Separate Breakdown in this Section)	
48	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
49	1001201658	1	Hose	
50	1001207963	1	Plug, 5/8	
51	4710600	2	Washer #6	
52	1001265914	1	Cover, Pedal	

FIGURE 6-5. CAB ASSEMBLY - ENCLOSED CAB WITH HEATER

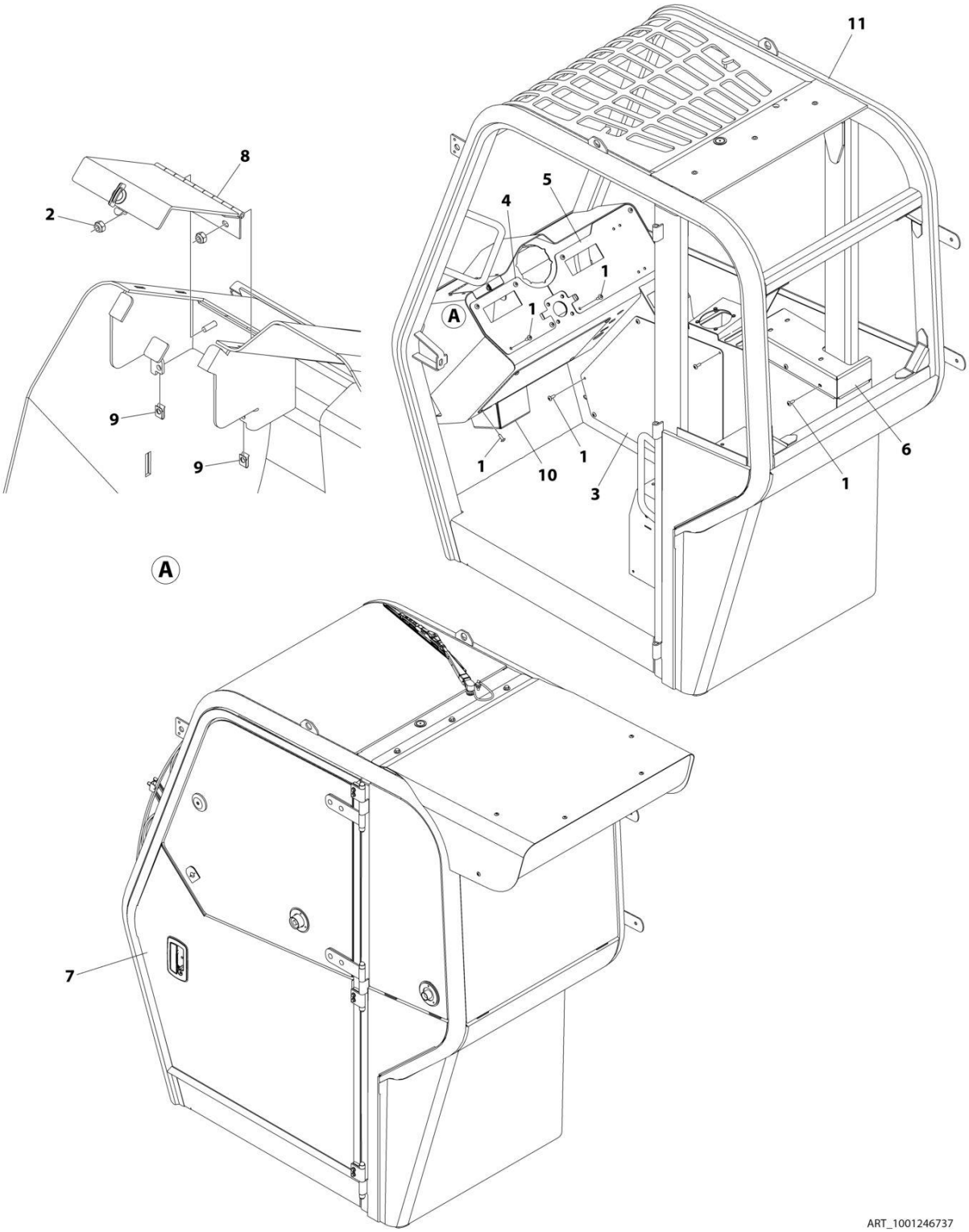
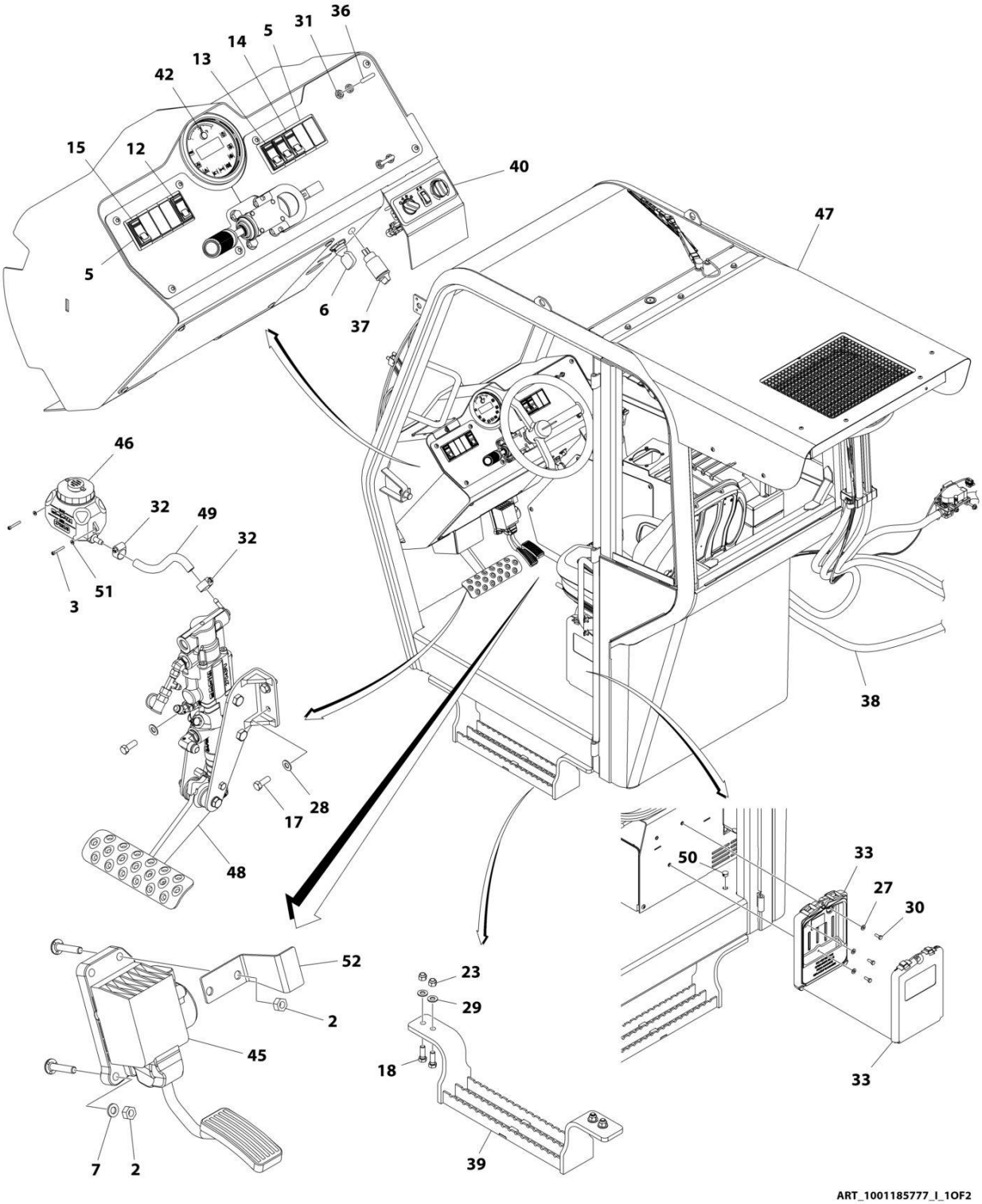


FIGURE 6-5. CAB ASSEMBLY - ENCLOSED CAB WITH HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246737	Ref	CAB ENCLOSED WITH HEATER	G
1	8303034	22	Screw 1/4 x 3/4	
2	8310085	2	Nut	
3	1001160788	1	Panel, RH Console Access Plate	
4	1001160790	1	Panel, LH Dash Cover	
5	1001160791	1	Panel, RH Dash Cover	
6	1001165617	1	Assembly, Side Console Access Panel	
7	1001165823	1	Enclosure, Cab (See Separate Breakdown in this Section)	
8	1001202189	1	Door, Brake Reservoir	
9	1001202202	2	Nut	
10	1001202746	1	Panel, Brake Access Plate	
11	See Note	NSS	Cab (Purchase Complete Assembly)	

FIGURE 6-6. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC



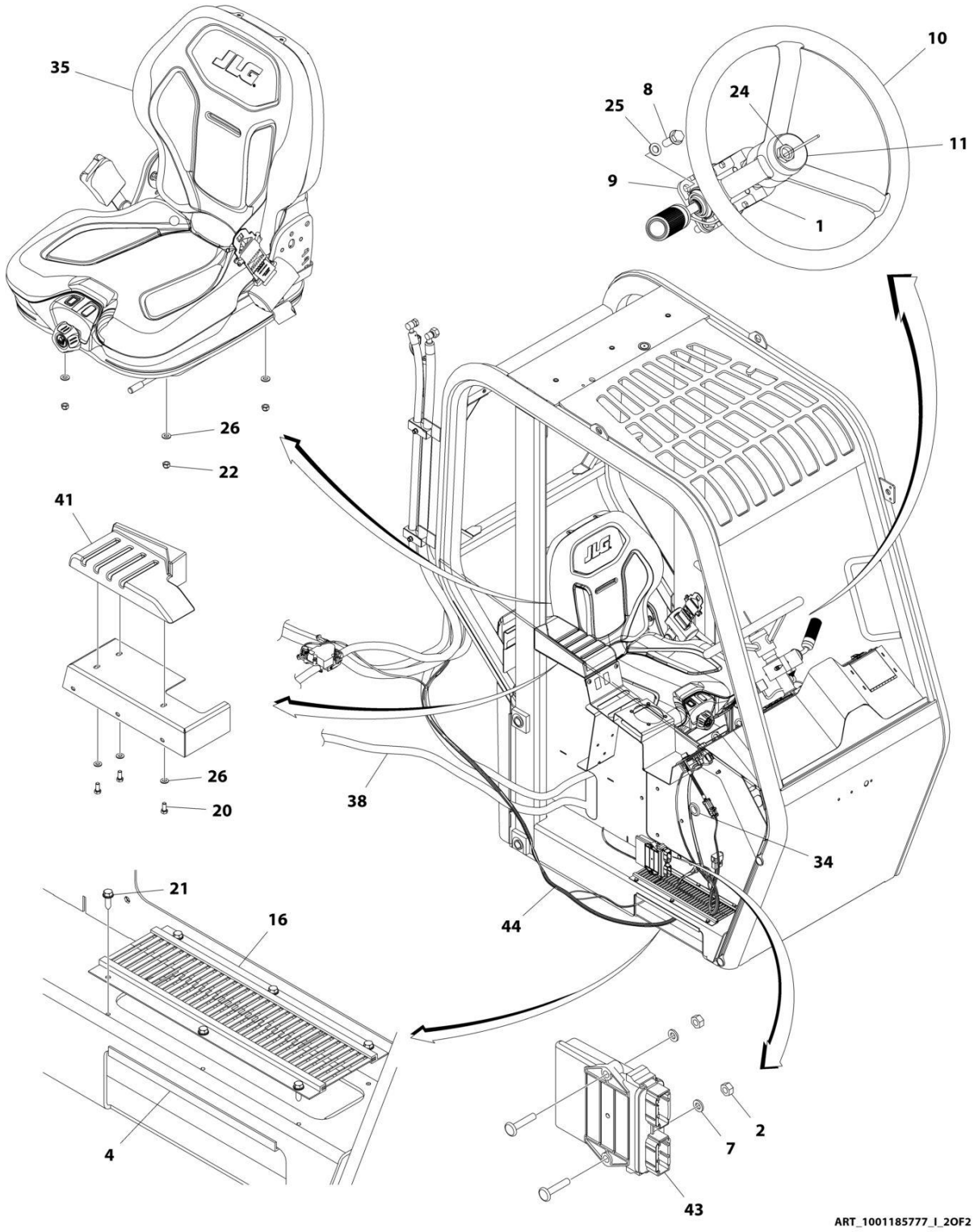

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FIGURE 6-6. CAB INSTALLATION - ENCLOSED CAB WITH HEATER/AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001185777	Ref	ENCLOSED CAB WITH HEATER/AC INSTALLATION	I
1	1600429	1	Selector, Transmission Control	
2	3311401	5	Nut 1/4	
3	3930610	2	Bolt #6 x 5/8	
4	4060806	11 in	Shield, Flex Trim 5/16	
5	4360569	2	Switch, Bezel	
6	4360690	1	Switch, Ignition	
7	4761400	3	Washer 1/4	
8	5251014	4	Bolt M10 x 30	
9	7138833	1	Column, Steering	
10	7138836	1	Wheel, Steering	
11	7138878	1	Button, Horn	
12	8223037	1	Switch, Steer Select	
13	8223043	2	Switch, Windscreen Wiper	
14	8223044	1	Switch, Windscreen Washer	
15	8223054	1	Switch, Park Brake	
16	7138944	2	Strips, Brush	
17	8303620	4	Bolt 3/8 x 1	
18	8303626	4	Bolt 1/2 x 1-1/2	
20	8303697	3	Bolt 5/16 x 3/4	
21	8303982	6	Screw 1/4 x 3/4	
22	8305626	4	Nut 5/16	
23	8305644	4	Nut 1/2	
24	8305916	1	Nut, Steering Column	
25	8307023	4	Washer M10	
26	8307106	7	Washer 5/16	
27	8307109	3	Washer 1/4	
28	8307110	4	Washer 3/8	
29	8307112	4	Washer 1/2	
30	8310026	3	Bolt 1/4 x 3/4	
31	8310382	8	Nut 1/4	
32	1320022	2	Clamp, Fuel Line	
33	8990147	1	Holder, Manual	
34	1001081049	1	Grommet	
35	1001190229	1	Seat, Cab (See Separate Breakdown in this Section)	
36	1001102844	2	U-Bolt 1/4 x 1-1/4	
37	1001114867	1	Socket, 12V Power Point	
38	1001171806	1	Installation, Cab Heater/AC Lines (See Separate Breakdown in this Section)	
39	1001256519	1	Mount, Cab Step	
40	1001159851	1	Panel, HVAC Control	
40	1001204362	1	Switch, Fan	
40	7301265	1	Switch, A/C	
41	1001159878	1	Support, Armrest	
42	1001170738	1	Gauge	
43	1001210703	1	Controller	
44	1001178347	1	Harness, HVAC (See Separate Breakdown in ELECTRICAL Section)	
45	1001264554	1	Accelerator (Note: No Serviceable Parts - Purchase Complete Assembly)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001183164	1	Reservoir, Brake Valve	
47	1001246738	1	Cab, Enclosed with Heater/AC (See Separate Breakdown in this Section)	
48	1001223052	1	Assembly, Brake (See Separate Breakdown in CONTROLS Section)	
49	1001201658	1	Hose	
50	1001207963	1	Plug, 5/8	
51	4710600	2	Washer #6	
52	1001265914	1	Cover, Pedal	

FIGURE 6-7. CAB ASSEMBLY - ENCLOSED CAB WITH HEATER/AC

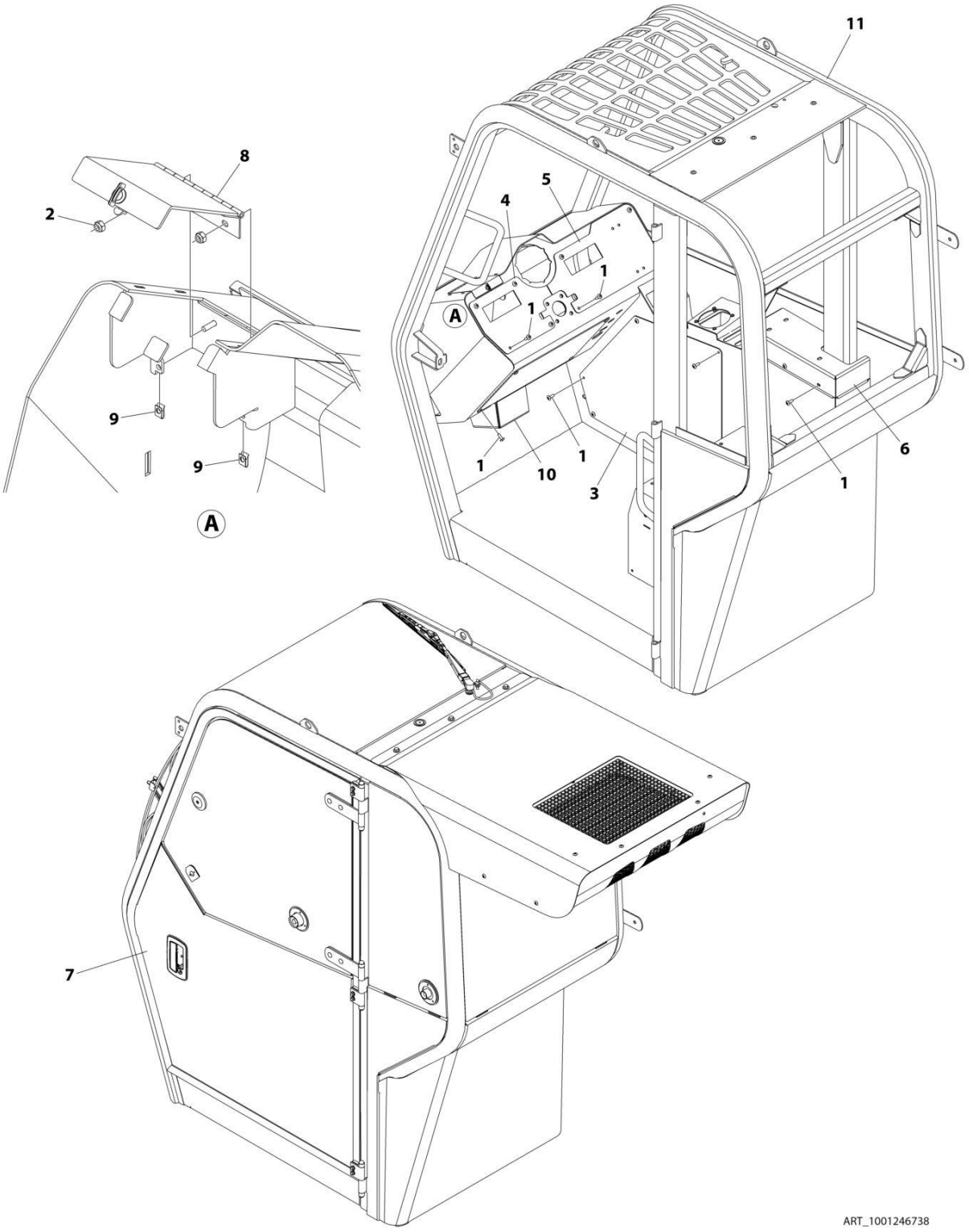


FIGURE 6-7. CAB ASSEMBLY - ENCLOSED CAB WITH HEATER/AC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246738	Ref	CAB ENCLOSED WITH HEATER/AC	F
1	8303034	22	Screw 1/4 x 3/4	
2	8310085	2	Nut	
3	1001160788	1	Panel, RH Console Access Plate	
4	1001160790	1	Panel, LH Dash Cover	
5	1001160791	1	Panel, RH Dash Cover	
6	1001165617	1	Assembly, Side Console Access Panel	
7	1001168066	1	Enclosure, Cab HVAC (See Separate Breakdown in this Section)	
8	1001202189	1	Door, Brake Reservoir	
9	1001202202	2	Nut M6	
10	1001202746	1	Panel, Brake Access Plate	
11	1001246735	1	Cab Weldment	

FIGURE 6-8. CAB ENCLOSURE INSTALLATION

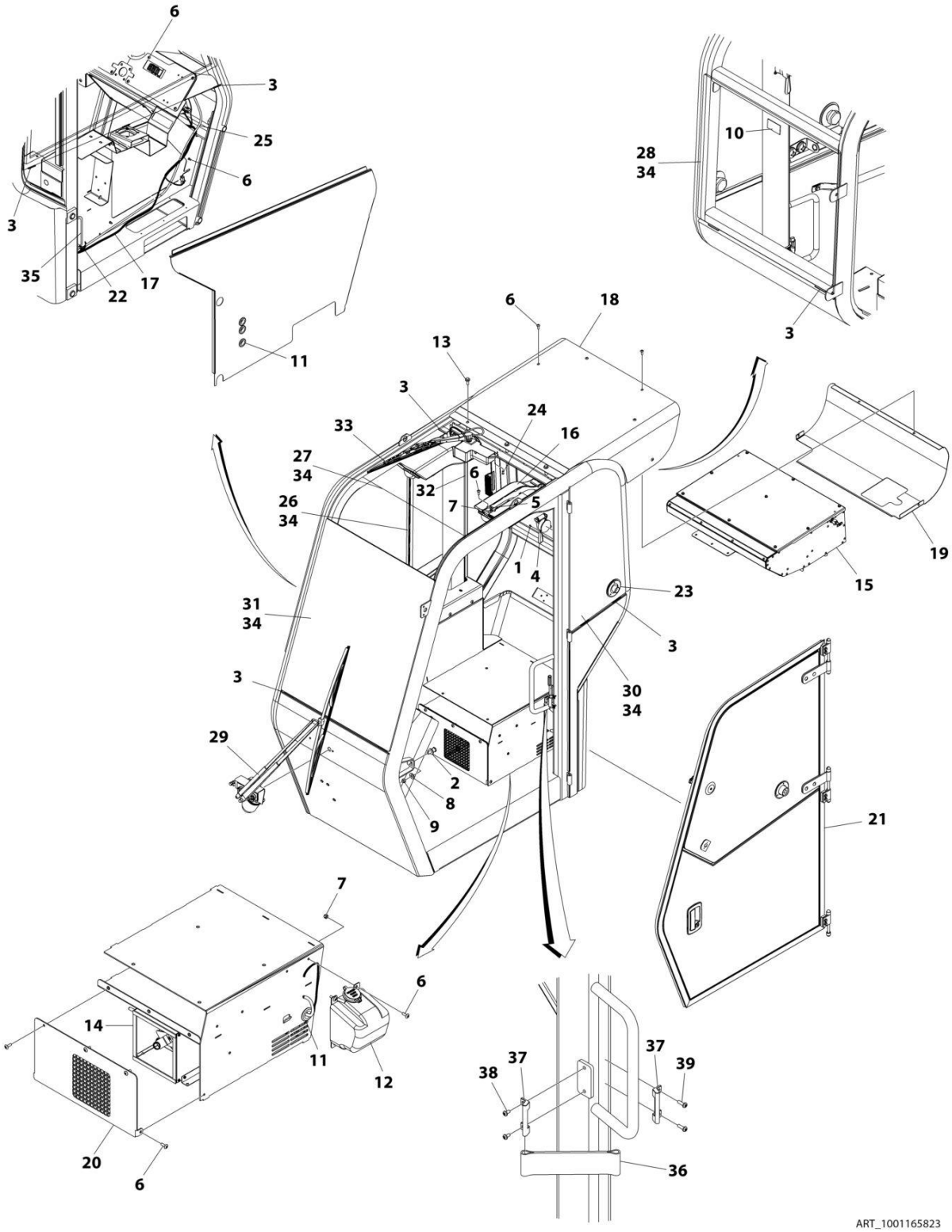


FIGURE 6-8. CAB ENCLOSURE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165823	Ref	CAB ENCLOSURE	O
1	91404298	3	Rivet	
2	1001109478	1	Latch, Striker	
3	1001181968	13	Mould, Setting Block	
4	91404301	1	Hammer, Emergency	
5	4711400	2	Washer 1/4	
6	8303034	33	Screw 1/4 x 3/4	
7	8305624	4	Nut 1/4	
8	8307112	1	Washer 1/2	
9	8310109	1	Nut 7/164	
10	91404299	1	Decal, Escape	
11	1001081049	4	Grommet, Split	
12	1001111112	1	Tank, Window Washer Fluid	
12	70025480	1	Pump, Reservoir	
13	1001149227	3	Screw 5/16 x 1	
14	1001159856	1	Heater Assembly - Floor (See Separate Breakdown in this Section)	
15	1001159860	1	HVAC Assembly - Roof Top (See Separate Breakdown in this Section)	
16	1001160785	2	Duct, HVAC	
17	1001178349	1	Harness, Wiper (See Separate Breakdown in ELECTRICAL Section)	
18	1001164282	1	Hood, Top	
19	1001164284	1	Hood, Bottom	
20	1001164717	1	Panel, Floor Heater Access	
21	1001165806	1	Door, Cab (See Separate Breakdown in this Section)	
22	1001008742	1	Coupling, Tee	
23	1001081243	1	Retainer, Door Window Hold	
24	0630464	1	Screw #10 x 1/2	
25	82033997	168 in	Hose, Washer Fluid	
26	8036050	1	Window, RH Slider (See Separate Breakdown in this Section)	
27	7138958	1	Glass, Skylight	
28	1001181707	1	Window, Rear	
29	8036056	1	Assembly, Front Wiper (See Separate Breakdown in this Section)	
30	1001181893	1	Window, LH Rear	
31	1001181903	1	Window, Windshield	
32	1001182091	1	Duct, Wire	
33	1001182470	1	Wiper, Skylight (See Separate Breakdown in this Section)	
34	1001177746	AR	Compound, Locking	
35	4060803	16.5 in	Flex-Trim	
36	80384218	1	Strap, Door	
37	1001196128	2	Bracket, Strap Holder	
38	1001197098	2	Screw #10 x 3/8	
39	1001197099	2	Screw #10 x 5/8	

FIGURE 6-9. CAB ENCLOSURE INSTALLATION - WITH HVAC

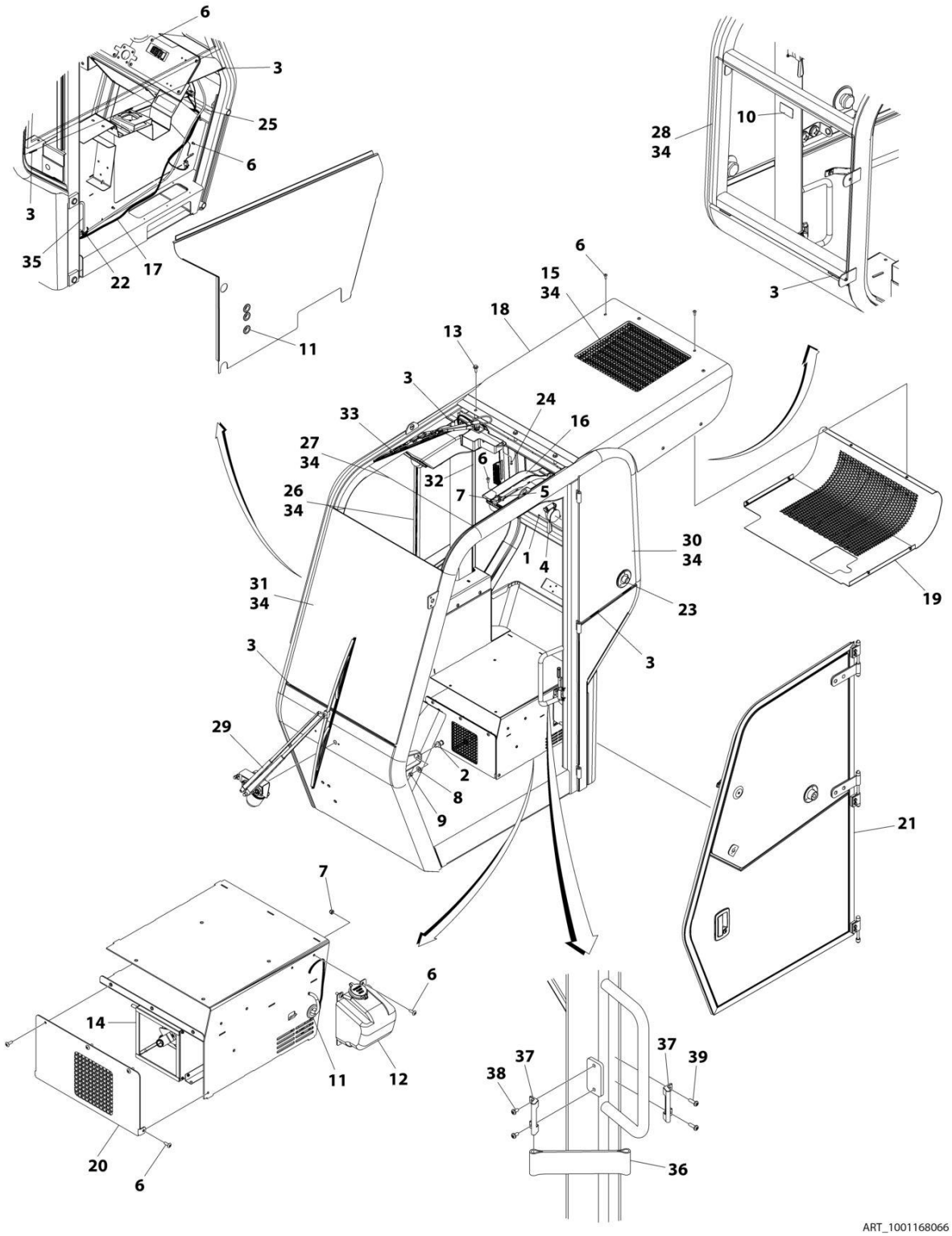


FIGURE 6-9. CAB ENCLOSURE INSTALLATION - WITH HVAC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168066	Ref	CAB HVAC ENCLOSURE	O
1	91404298	3	Rivet	
2	1001109478	1	Latch, Striker	
3	1001181968	13	Mould, Setting Block	
4	91404301	1	Hammer, Emergency	
5	4711400	2	Washer 1/4	
6	8303034	35	Screw 1/4 x 3/4	
7	8305624	4	Nut 1/4	
8	8307112	1	Washer 1/2	
9	8310109	1	Nut 7/16	
10	91404299	1	Decal, Escape	
11	1001081049	4	Grommet, Split	
12	1001111112	1	Tank, Window Washer Fluid	
12	70025480	1	Pump, Reservoir	
13	1001149227	3	Screw 5/16 x 1	
14	1001159856	1	Heater, Floor (See Separate Breakdown in this Section)	
15	1001159861	1	Box, Roof (See Separate Breakdown in this Section)	
16	1001160785	2	Duct, HVAC	
17	1001178349	1	Harness, Wiper (See Separate Breakdown in ELECTRICAL Section)	
18	1001164096	1	Hood, Top	
19	1001164099	1	Hood, Bottom	
20	1001164717	1	Panel, Floor Heater Access	
21	1001165806	1	Door, Cab (See Separate Breakdown in this Section)	
22	1001008742	1	Coupling, Tee	
23	1001081243	1	Retainer, Door Window Hold	
24	0630464	1	Screw #10 x 1/2	
25	82033997	168 in	Hose, Washer Fluid	
26	8036050	1	Window, RH Slider (See Separate Breakdown in this Section)	
27	7138958	1	Glass, Skylight	
28	1001181707	1	Window, Rear	
29	8036056	1	Assembly, Front Wiper (See Separate Breakdown in this Section)	
30	1001181893	1	Window, LH Rear	
31	1001181903	1	Window, Windshield	
32	1001182091	1	Duct, Wire	
33	1001182470	1	Wiper, Skylight (See Separate Breakdown in this Section)	
34	1001177746	AR	Compound, Locking	
35	4060803	16.5 in	Flex-Trim	
36	80384218	1	Strap, Door	
37	1001196128	2	Bracket, strap Holder	
38	1001197098	2	Screw #10 x 3/8	
39	1001197099	2	Screw #10 x 5/8	

FIGURE 6-10. CAB HEATER LINES INSTALLATION

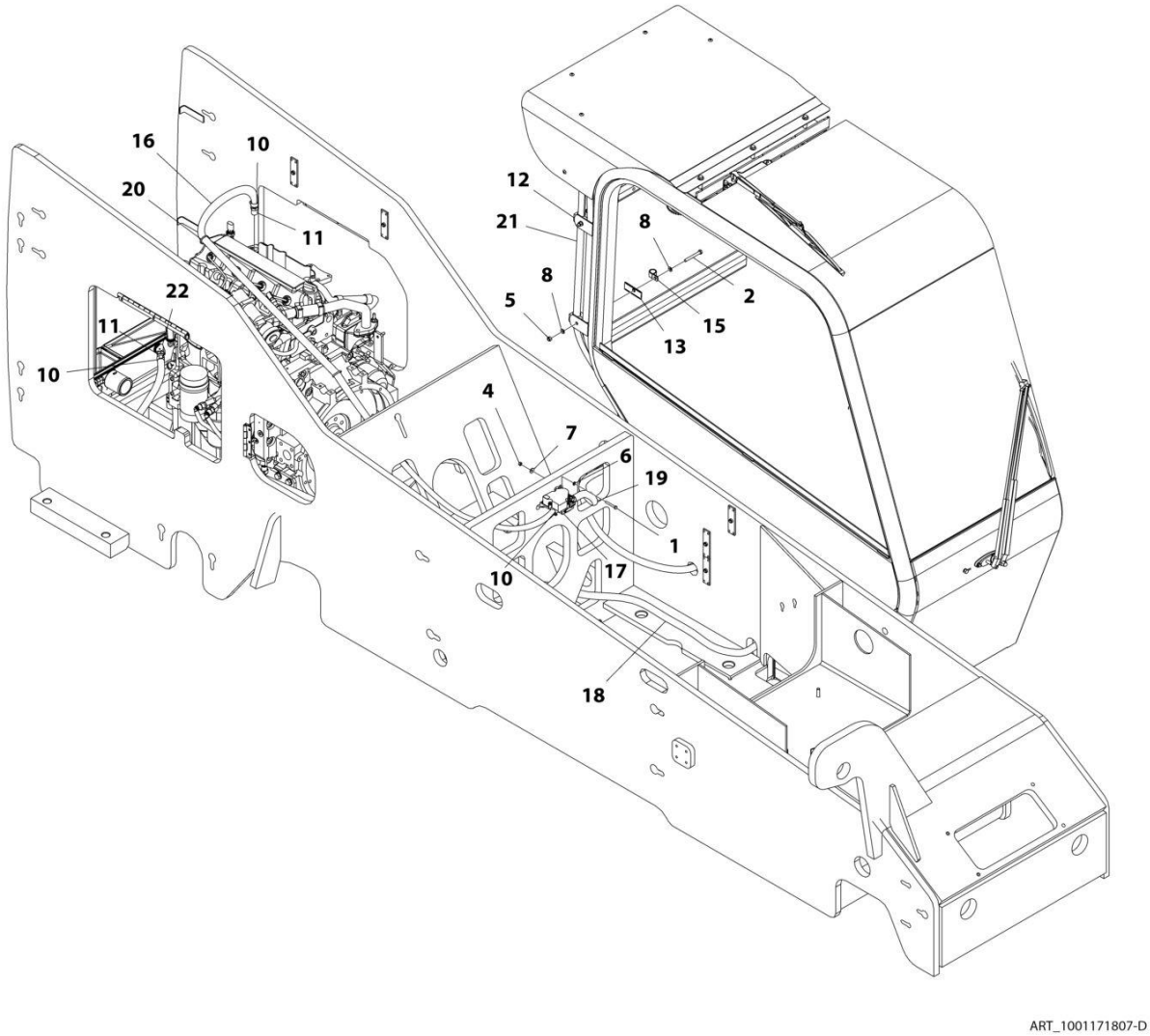


FIGURE 6-10. CAB HEATER LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171807	Ref	Cab Heater Lines Installation	G
1	0700617	2	Bolt, M6X45	
2	0700822	2	Bolt, M8X70	
4	3290605	2	Nut, Lock M6X1	
5	3290805	2	Nut, Lock M8X1-1/4	
6	4811700	2	Washer, M6	
7	4811702	2	Washer, M6	
8	4811900	4	Washer, M8	
10	8405007	8	Clamp, Gear	
11	8430048	2	Reducer, Hose Barb	
12	77133133	2	Clamp, Twin	
13	77133134	2	Clamp, Cover Plate	
15	91043147	2	Clamp, Support	
16	1001158404	1	Hose, Cab Heater	
17	1001159844	1	Valve, Heater (See Separate Breakdown in this section)	
18	1001172537	1	Hose, Heater Return	
19	1001172561	1	Hose, Heater Send Valve to Roof	
20	8584001	4	Wrap, Tie	
21	1001173217	1	Hose, Heater Roof to Floor	
22	1001179229	1	Fitting, 45	

FIGURE 6-11. CAB HEATER/AC LINES INSTALLATION

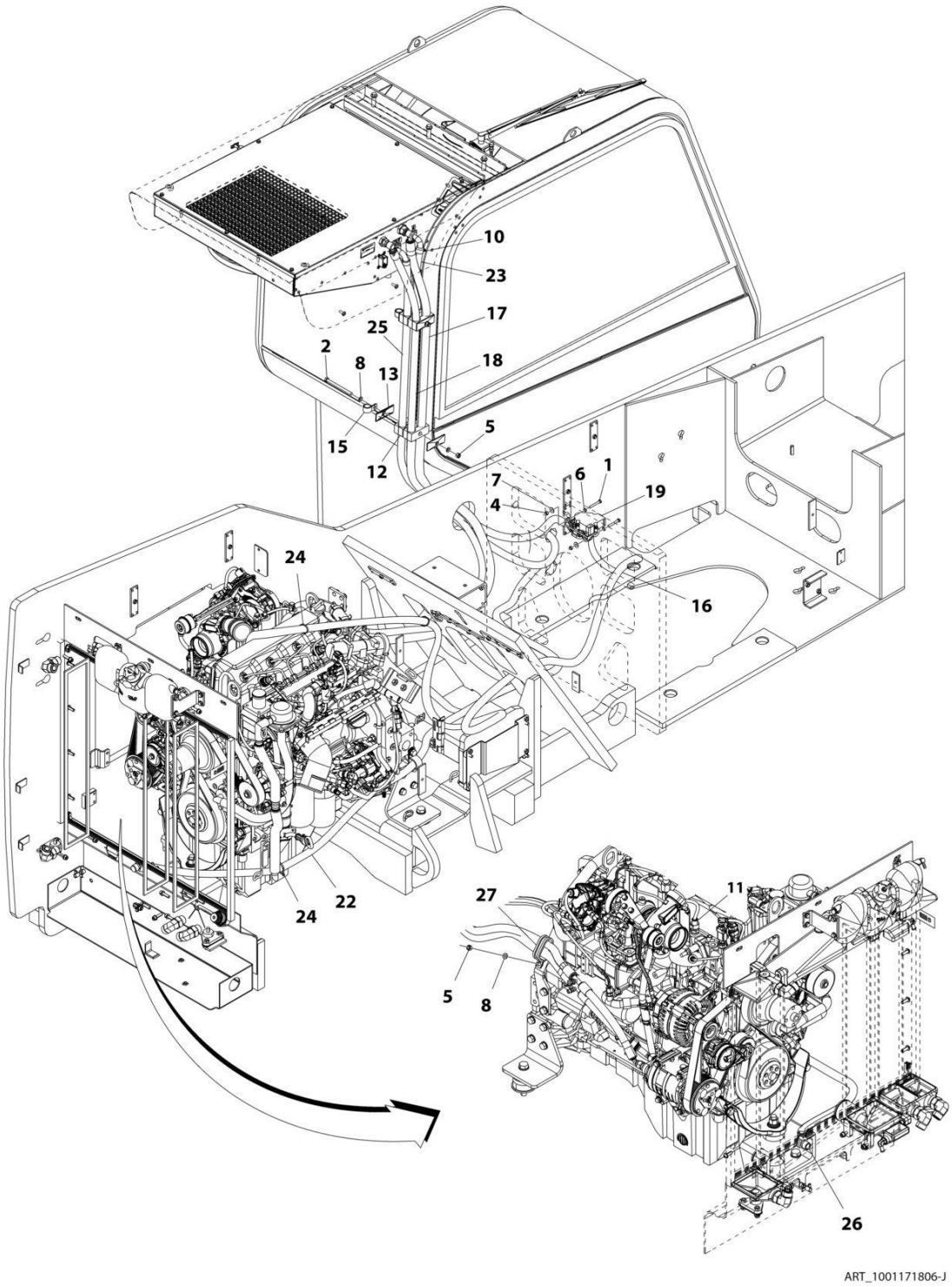


FIGURE 6-11. CAB HEATER/AC LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171806	Ref	Cab Heater/AC Lines Installation	J
1	0700617	2	Bolt, M6X45	
2	0700828	2	Bolt, M8X110	
4	3290605	2	Nut, Lock M6X1	
5	3290805	3	Nut, Lock M8X1-1/4	
6	4811700	2	Washer, M6	
7	4811702	2	Washer, M6	
8	4811900	5	Washer, M8	
10	8405007	8	Clamp, Gear	
11	8430048	2	Reducer, Hose Barb	
12	77133133	4	Clamp, Twin	
13	77133134	4	Clamp, Cover Plate	
15	91043147	2	Clamp, Support	
16	1001158404	1	Hose, Cab Heater	
17	1001182798	1	Hose, A/C Compressor Suction	
18	1001182723	1	Hose, A/C Compressor Discharge	
19	1001159844	1	Valve, Heater (See Separate Breakdown in this section)	
22	1001172537	1	Hose, Heater Return	
23	1001172561	1	Hose, Heater Send Valve to Roof	
24	8584001	4	Wrap, Tie	
25	1001173217	1	Hose, Heater Roof to Floor	
26	1001179229	1	Fitting, 45	
27	1001164196	1	Clamp	

FIGURE 6-12. FLOOR HEATER

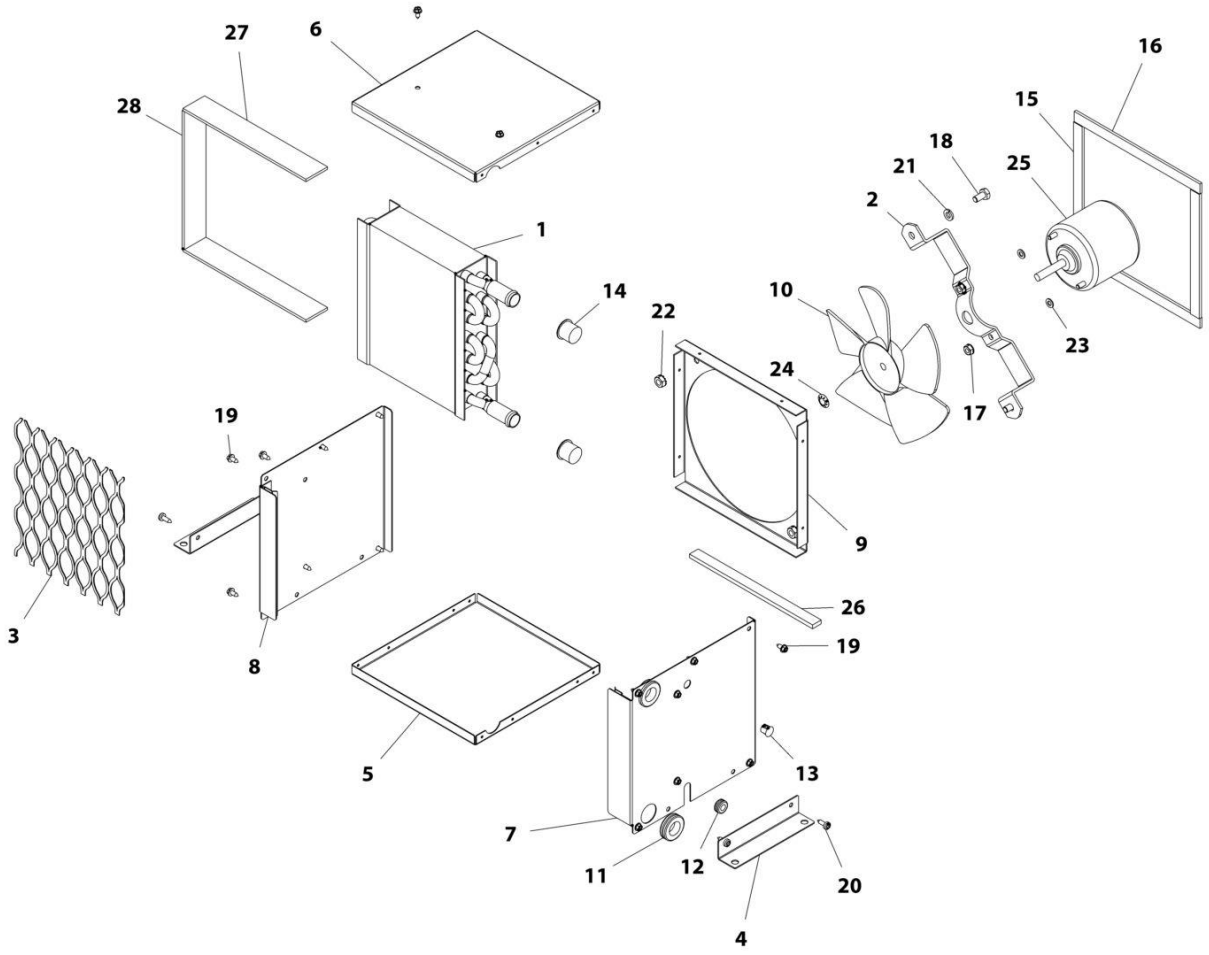


FIGURE 6-12. FLOOR HEATER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159856	Ref	Floor Heater	D
1	70026100	1	Coil, Heater	
2	70026101	1	Bracket, Motor	
3	70026102	1	Protector, Coil	
4	70026103	2	Bracket, Mounting	
5	70026104	1	Casing, Bottom	
6	70026105	1	Casing, Top	
7	70026106	1	Casing, RH Side	
8	70026107	1	Casing, LH Side	
9	70026108	1	Mount, Fan	
10	70026109	1	Fan	
11	70026110	2	Grommet	
12	70026111	1	Grommet, 3/8	
13	70026112	1	Plug, Hole 3/8	
14	70026113	2	Plug, 3/8	
15	70026114	2	Foam, 1/4X158	
16	70026114	2	Foam, 1/4X184	
17	70026115	2	Nut, 10-32	
18	70026116	2	Screw, 1/4-20X1/2	
19	70026117	16	Screw, 8X3/8	
20	70024855	4	Screw, Tap 8X1/2	
21	70026118	2	Lockwasher, 1/4	
22	70026119	2	Nut, Kep 1/4-20	
23	70026120	2	Washer, M5	
24	70026121	1	Retainer	
25	70026122	1	Motor Assembly, 12V	
26	70026123	1	Foam, 3/16X180	
27	70026124	2	Foam, 1/4X180	
28	70026124	1	Foam, 1/4X175	

FIGURE 6-13. CAB DOOR

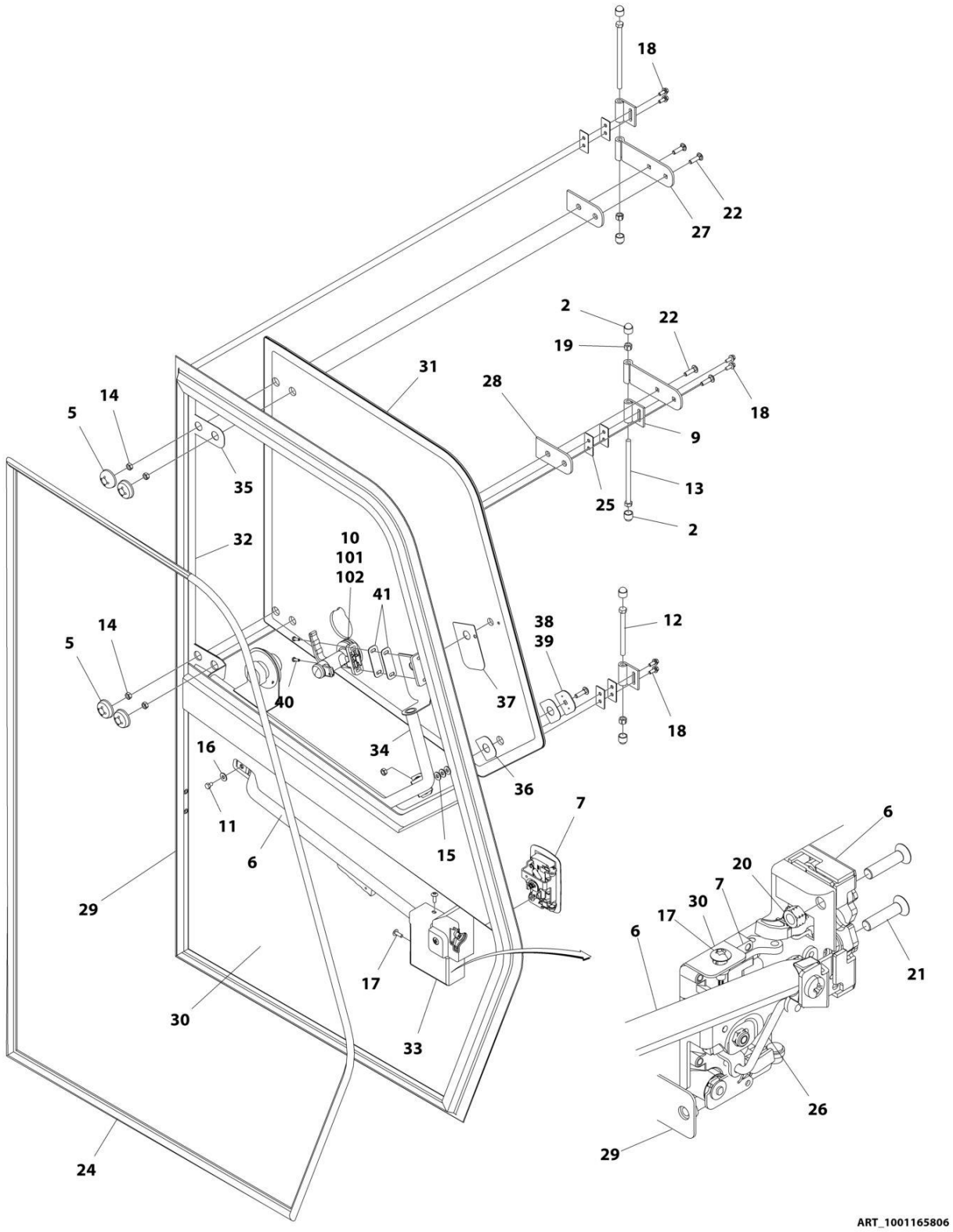


FIGURE 6-13. CAB DOOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165806	Ref	CAB DOOR	I
1	1001183104	2	Fastener, Latch	
2	1001182663	6	Cap, Hex Dome	
5	1001081246	5	Cap, Nut M6	
6	1001081247	1	Handle, Interior Cab Door	
7	1001081241	1	Handle, Exterior Cab Door	
7	70021948	1	Key, Cab Door	
9	1001183209	3	Hinge, Slotted	
10	1001220260	1	Handle, Window	
11	0641403	1	Bolt 1/4 x 3/8	
12	0641636	1	Bolt 3/8 x 4-1/2	
13	0641652	2	Bolt 3/8 x 6-1/2	
14	3290801	5	Nut M8	
15	4711500	3	Washer 5/16	
16	4751400	1	Washer 1/4	
17	8303034	2	Screw 1/4 x 3/4	
18	8303119	6	Screw 1/4 x 5/8	
19	8305603	3	Nut 3/8	
20	8305638	2	Nut M8	
21	1001094312	2	Screw M8 x 30	
22	1001108575	5	Screw M8 x 30	
24	1001182408	1	Seal, Door	
25	1001182135	6	Shim, Door Hinge	
26	1001182514	1	Linkage, Exterior Latch	
27	1001081242	2	Hinge, Door	
28	1001081266	2	Spacer, Hinge	
29	1001182842	1	Weldment, Door	
30	1001182800	1	Foam, Door	
31	1001182808	1	Glass, Door	
32	1001182810	1	Seal, Glass	
33	1001182865	1	Cover, Latch	
34	1001182871	1	Handle, Door Glass	
35	1001182882	2	Shim, Hinge	
36	1001182883	2	Shim, Handle	
37	1001182884	1	Shim, Handle Latch	
38	1001183084	1	Plate, Window	
39	1001177746	1	Compound, Locking	
40	1001197099	2	Screw 1/4 x 5/8	
41	1001265272	AR	Shim	
101	1001165276	1	Striker Plate	
102	1001165275	1	Window Latch	
103	1001169787	1	Latch Seal (not shown)	
201	1001280231	1	Door Window Kit (Includes Items 5, 10, 14, 15, 22, 27, 28, 31, 32, 34-41 & Window Lock)	

FIGURE 6-14. RH SLIDER WINDOW

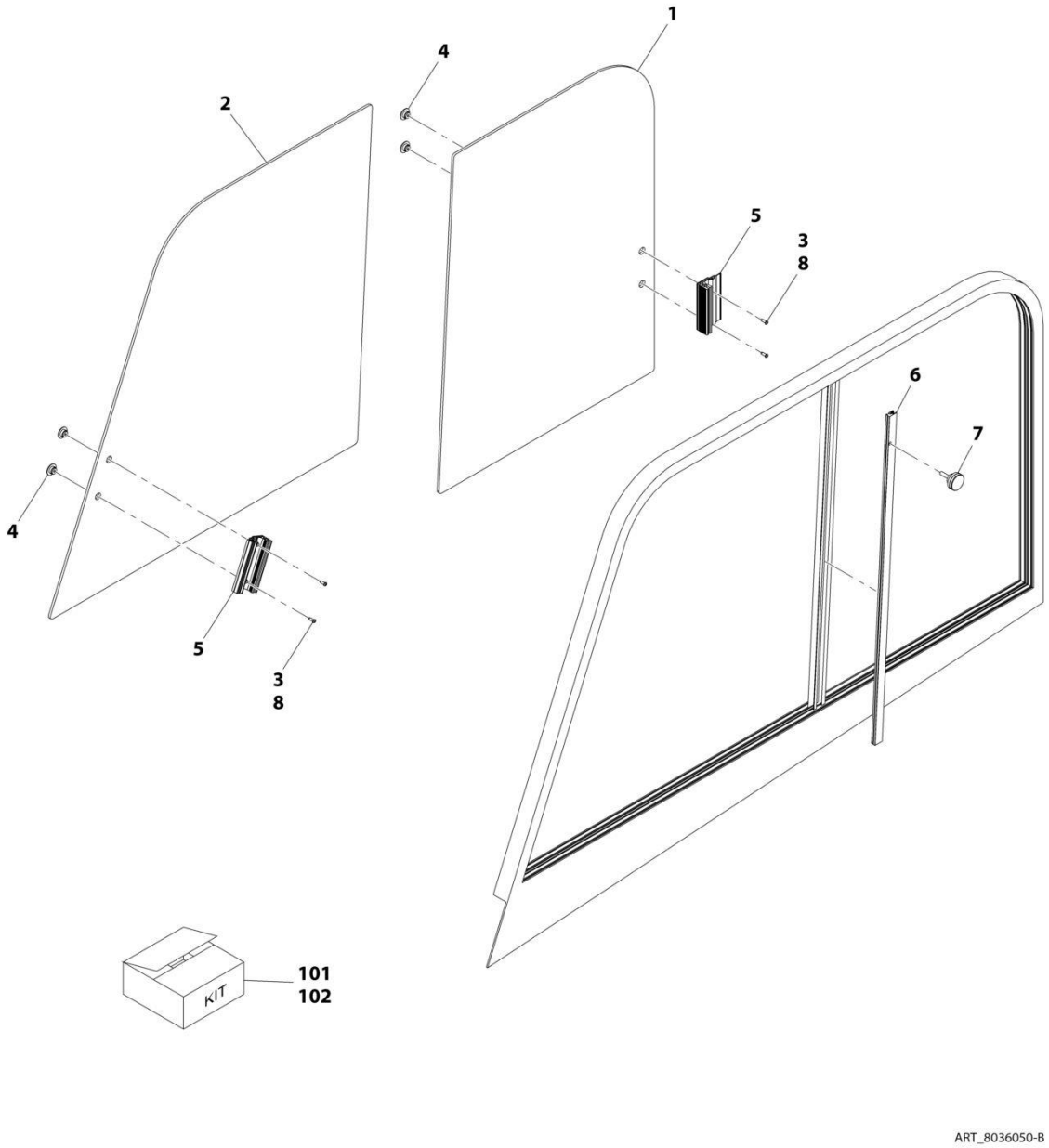


FIGURE 6-14. RH SLIDER WINDOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8036050	Ref	RH Slider Window	B
1	8036197	1	Glass, Rear Slide	
2	8036196	1	Glass, Front Slide	
3	Kit	NSS	Capscrew (Use Item 101)	
4	Kit	NSS	Spacer (Use Item 101)	
5	Kit	NSS	Latch (Use Item 101)	
6	Kit	NSS	Block, Lock (Use Item 102)	
7	Kit	NSS	Assembly, Knob (Use Item 102)	
8	8035523	AR	Compound, Locking	
101	80384445	1	Latch Assembly Kit (with Latch & Slider - Worthington Windows) (includes items 3 thru 5)	
101	8036199	1	Latch Assembly Kit (withTwo Latches - Young Windows) (includes items 3 thru 5)	
102	8036198	1	Friction Lock Assembly Kit (includes items 6 & 7)	

FIGURE 6-15. FRONT WIPER ASSEMBLY

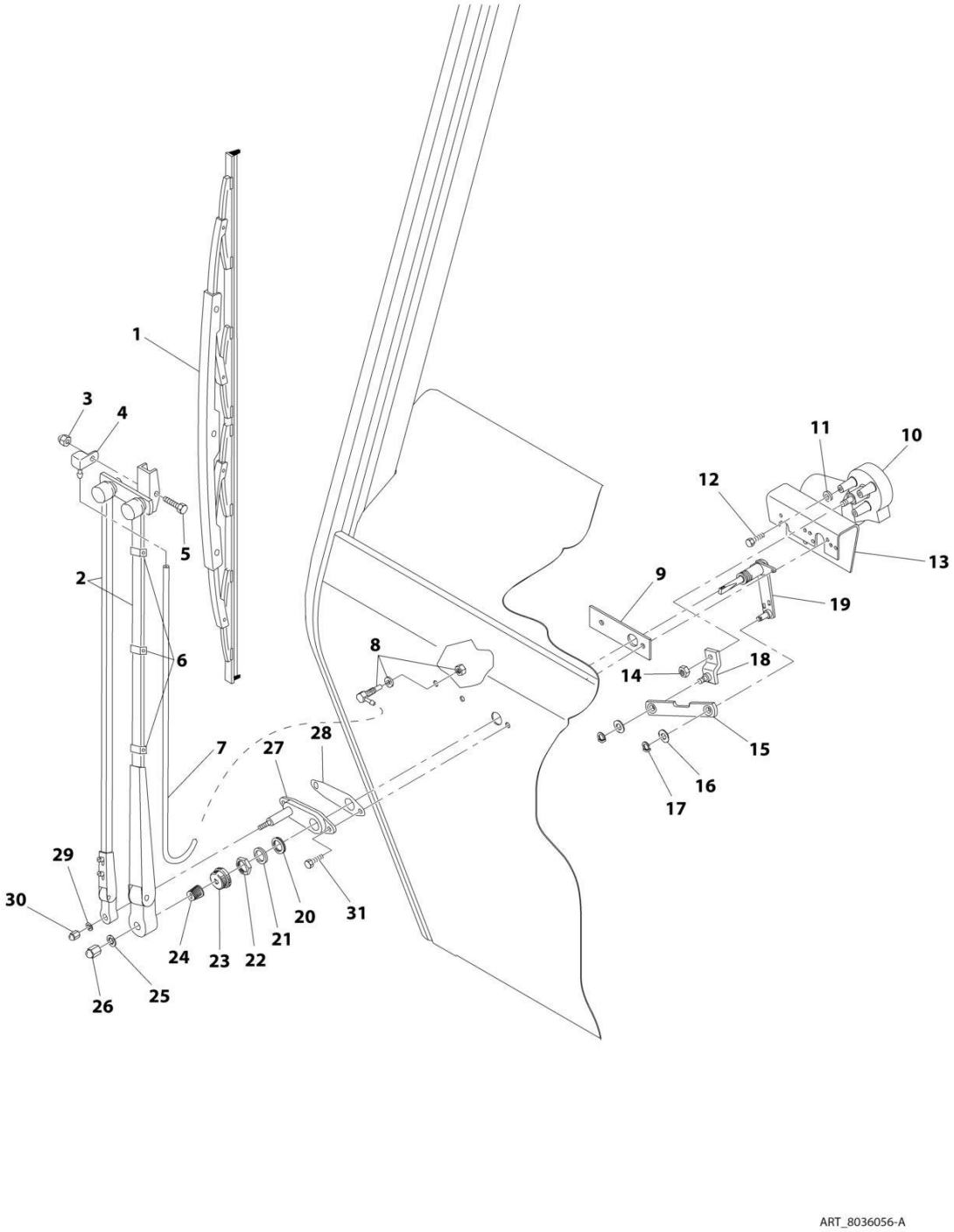


FIGURE 6-15. FRONT WIPER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	8036056	Ref	Front Wiper Assembly	A
1	80384213	1	Blade, Wiper	
2	8035393	1	Assembly, Wiper Arm	
3	N.S.S.	1	Nut, Lock	
4	N.S.S.	1	Nozzle, Sprayer	
5	N.S.S.	1	Bolt	
6	N.S.S.	3	Clip, Hose	
7	N.S.S.	1	Hose	
8	1001081310	1	Adaptor, Wet Arm	
9	8036100	1	Spacer, Front Wiper Motor	
10	7029860	1	Motor, Wiper 12V	
11	N.S.S.	3	Washer, 5/16	
12	N.S.S.	3	Bolt, 1/4-28X1	
13	N.S.S.	1	Bracket, Wiper Motor	
14	N.S.S.	1	Nut	
15	8035409	1	Link, Connecting	
16	N.S.S.	2	Washer, 0.56X0.251X0.015	
17	N.S.S.	2	Clip, Spring	
18	8035411	1	Drive, Wiper Arm	
19	8036099	1	Assembly, Wiper Shaft and Pivot	
20	N.S.S.	1	Washer, Rubber	
21	N.S.S.	1	Washer, Metal	
22	N.S.S.	1	Nut, Jam 11/16-18	
23	N.S.S.	1	Cap, Rubber	
24	N.S.S.	1	Driver, Knurled	
25	N.S.S.	1	Washer, Lock 3/8	
26	N.S.S.	1	Nut, Acorn 1/4-28	
27	8034815	1	Assembly, Panto Adaptor	
28	N.S.S.	1	Gasket	
29	N.S.S.	1	Washer, Lock 1/4	
30	N.S.S.	1	Nut, Acorn 1/4-28	
31	80384207	2	Bolt, 1/4-28X3/4	

FIGURE 6-16. SKYLIGHT WIPER ASSEMBLY

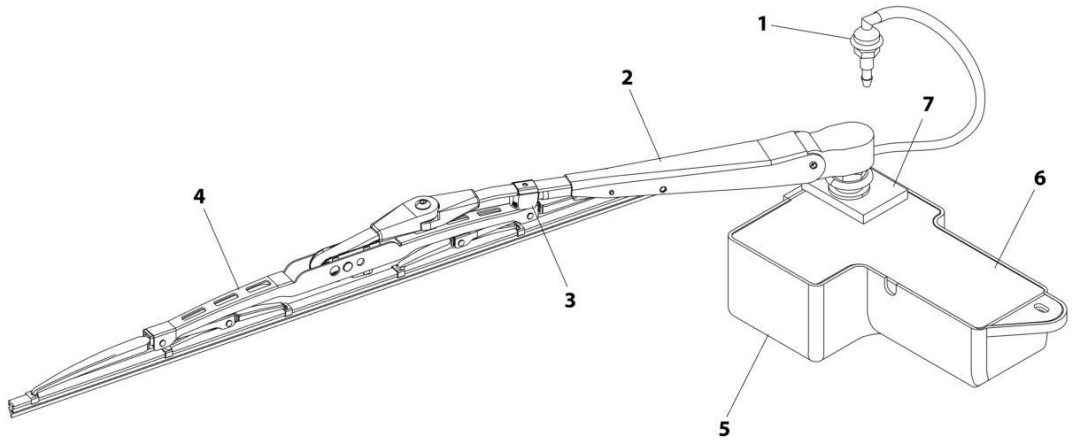


FIGURE 6-16. SKYLIGHT WIPER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182470	Ref	SKYLIGHT WIPER ASSEMBLY	B
1	1001081310	1	Adaptor, Wet Arm	
2	8035500	1	Arm, Wiper	
3	8035499	1	Arm, Wet Kit	
4	8035498	1	Blade, Wiper	
5	70020652	1	Motor, Wiper	
6	8035493	1	Cover, Wiper	
7	70026352	1	Block, Skylight Wiper Motor	

FIGURE 6-17. CAB SEAT

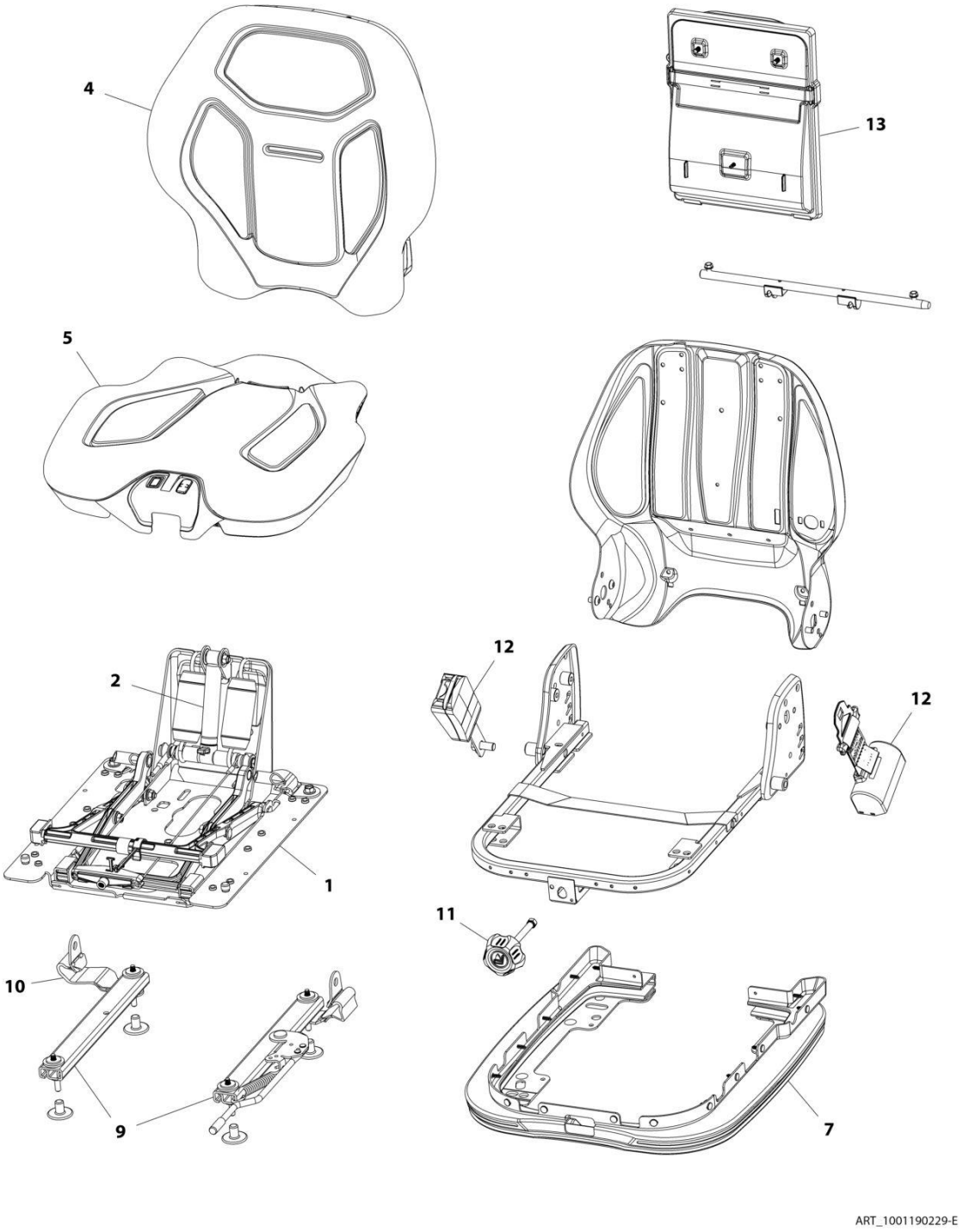


FIGURE 6-17. CAB SEAT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190229	Ref	Cab Seat	E
1	70027024	1	Suspension Assembly Kit	
2	70027025	1	Spring Saddle Assembly Kit	
4	70027026	1	Back Cushion Kit	
5	70027028	1	Seat Cushion Assembly Kit	
7	70027030	1	Boot Kit	
9	7026798	1	Adjuster Kit	
10	70027032	1	Tether strap	
11	70027033	1	Weight adjust knob kit	
12	70027034	2	Seat belt kit	
13	70027035	1	Document box kit	

FIGURE 6-18. SEAT BELT INSTALLATION (3IN WIDTH)

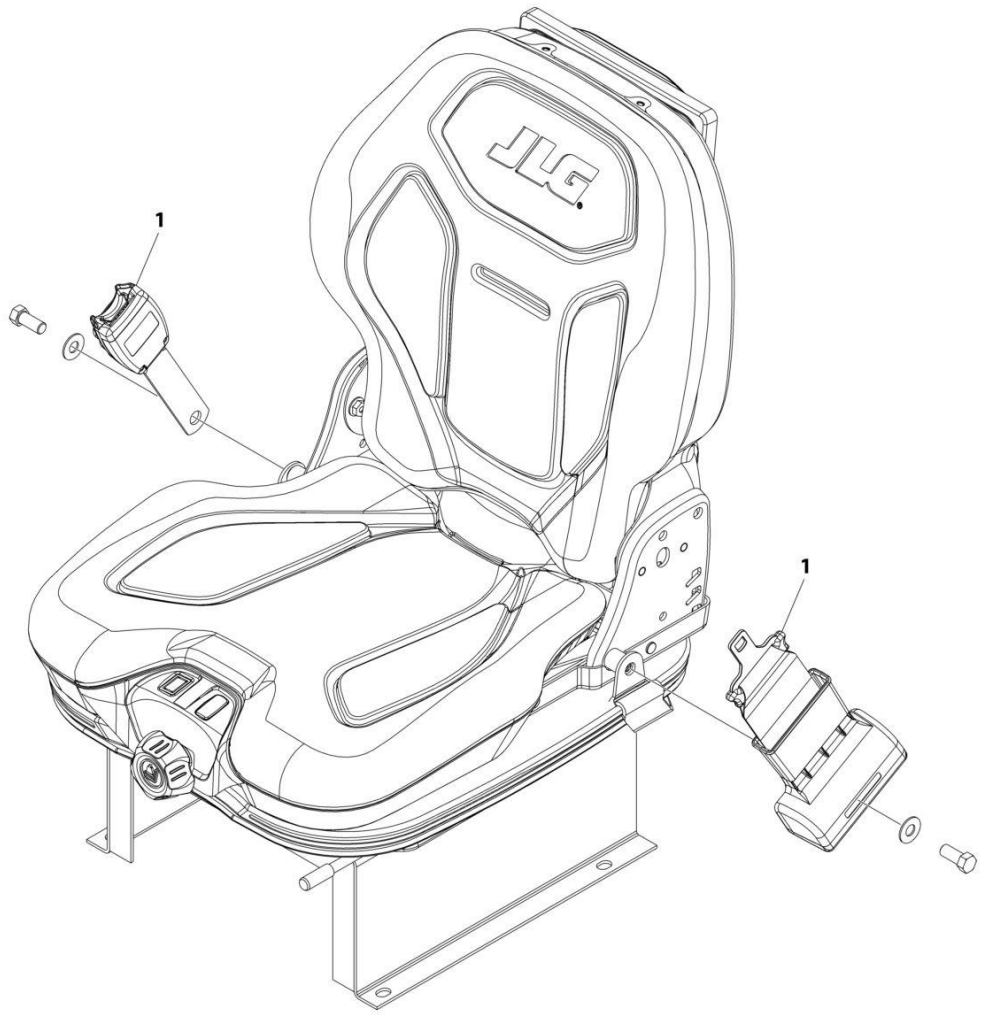


FIGURE 6-18. SEAT BELT INSTALLATION (3IN WIDTH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258245	Ref	Seat Belt Installation (3in Width)	B
1	1001258244	1	Seat Belt (3in) (Black Strap)	
1	1001275933	1	Seat Belt (3in) (Orange Strap)	

FIGURE 6-19. REAR DROPOUT WINDOW INSTALLATION (ANSI)

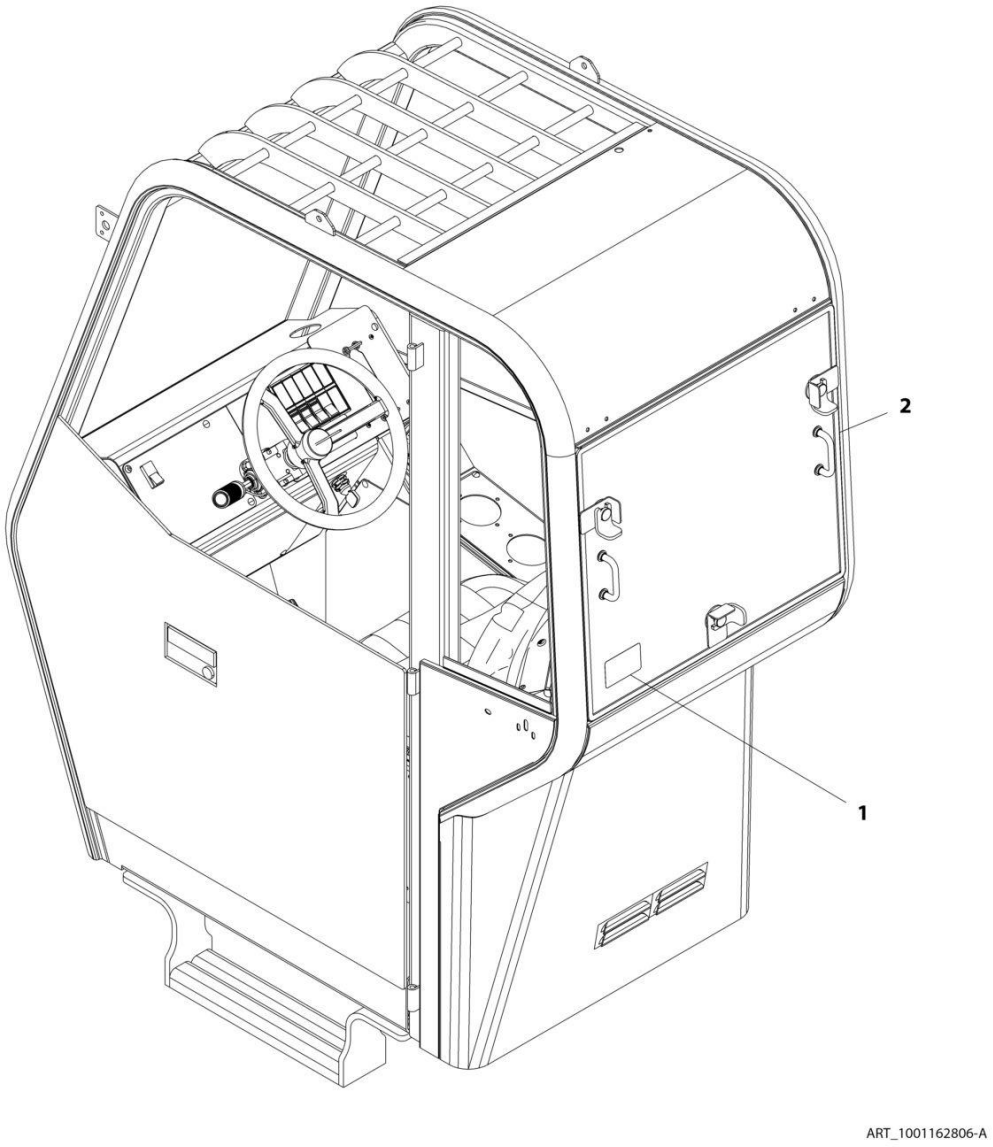


FIGURE 6-19. REAR DROPOUT WINDOW INSTALLATION (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162806	Ref	Rear Dropout Window Installation (ANSI)	A
1	1001160071	2	Decal, Rear Emergency Exit	
2	1001162804	1	Window, Rear Dropout	

FIGURE 6-20. REAR DROPOUT WINDOW INSTALLATION (ENGLISH/FRENCH)

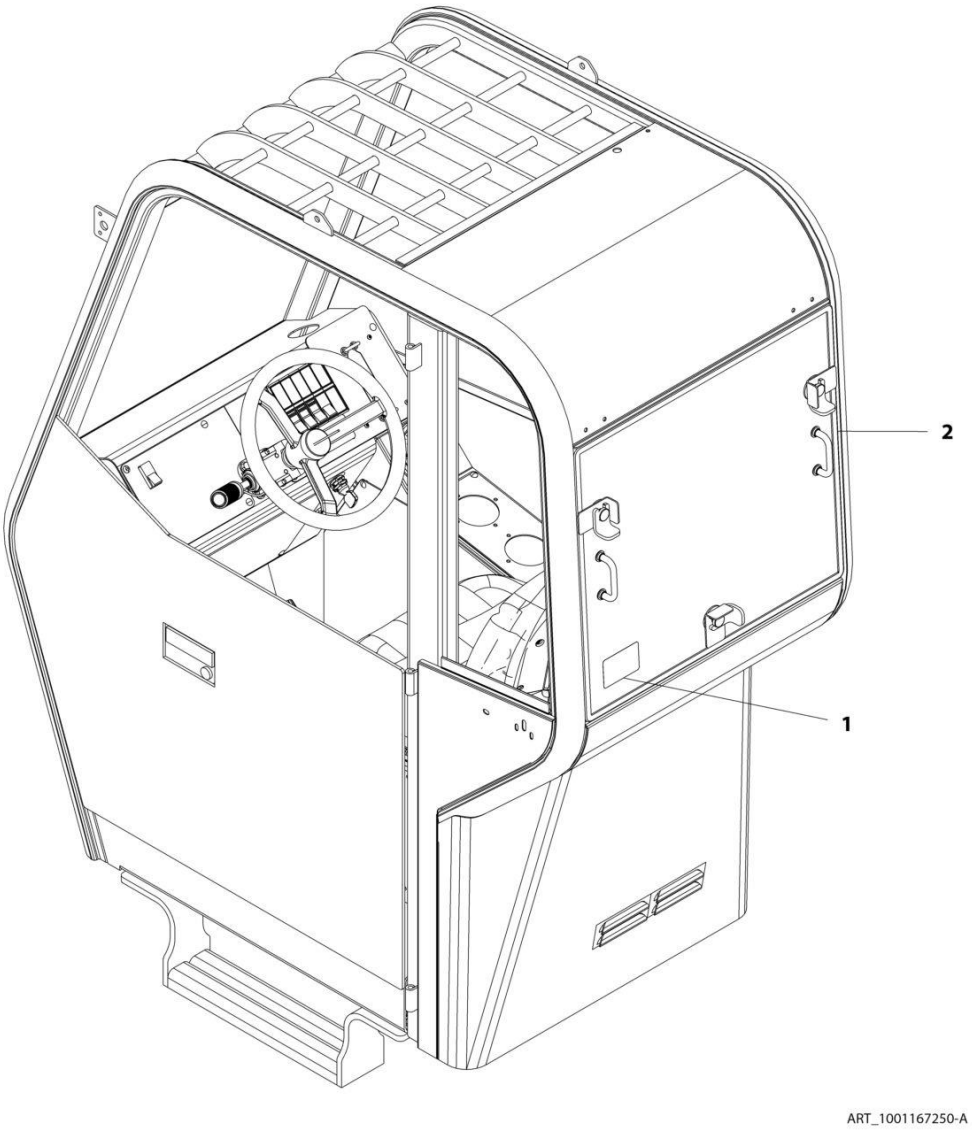


FIGURE 6-20. REAR DROPOUT WINDOW INSTALLATION (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167250	Ref	Rear Dropout Window Installation (ENGLISH/FRENCH)	A
1	1001160787	2	Decal, Rear Emergency Exit	
2	1001162804	1	Window, Rear Dropout	

FIGURE 6-21. REAR DROPOUT WINDOW INSTALLATION (ISO)

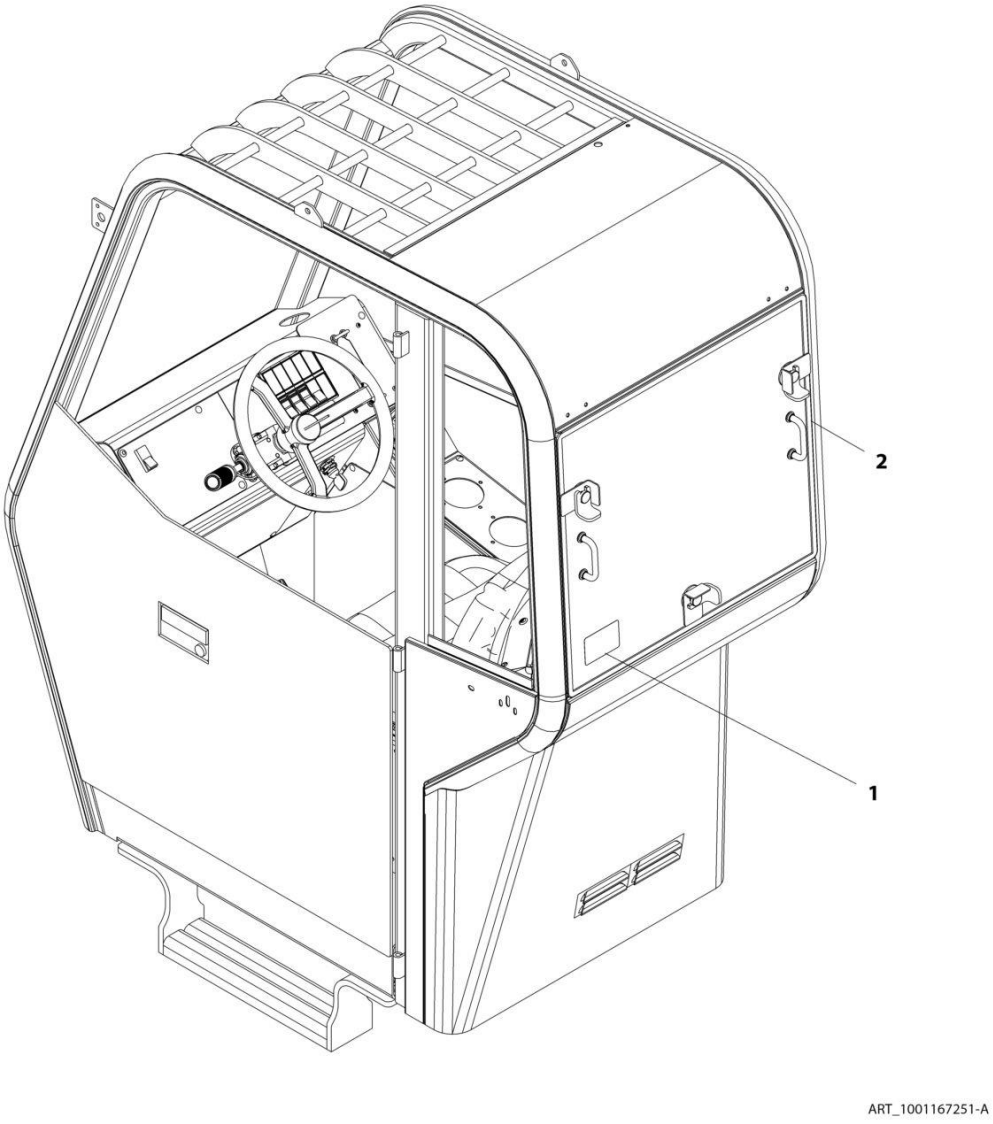


FIGURE 6-21. REAR DROPOUT WINDOW INSTALLATION (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167251	Ref	Rear Dropout Window Installation (ISO)	A
1	1001160912	2	Decal, Rear Emergency Exit	
2	1001162804	1	Window, Rear Dropout	

FIGURE 6-22. INSTALLTION, REAR WINDOW EXIT (ENG/SP)

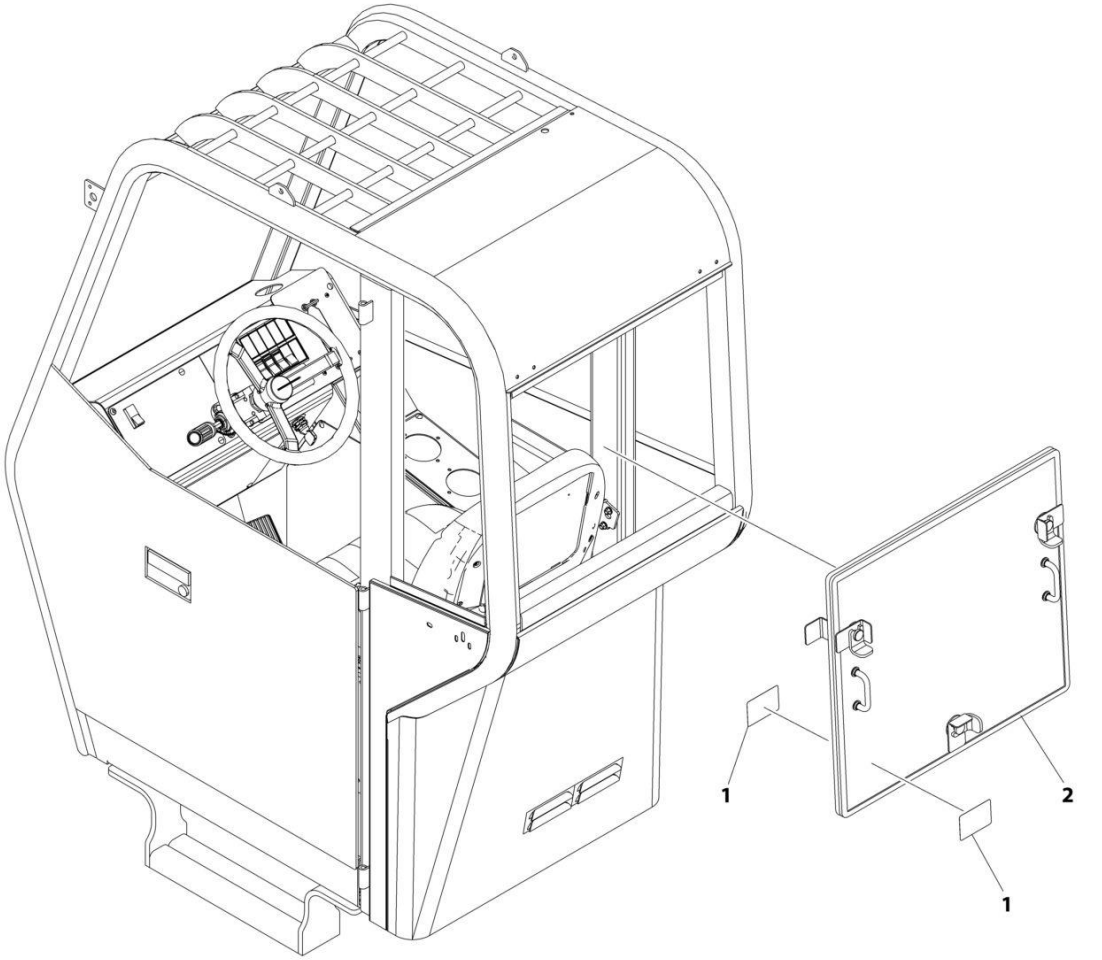


FIGURE 6-22. INSTALLTION, REAR WINDOW EXIT (ENG/SP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242916	Ref	REAR WINDOW EXIT INSTALLATION (ENG/SP)	B
1	1001273850	2	Decal, Rear Window Entry/Exit	
2	1001162804	1	Window	

FIGURE 6-23. ROOF HEATER BOX

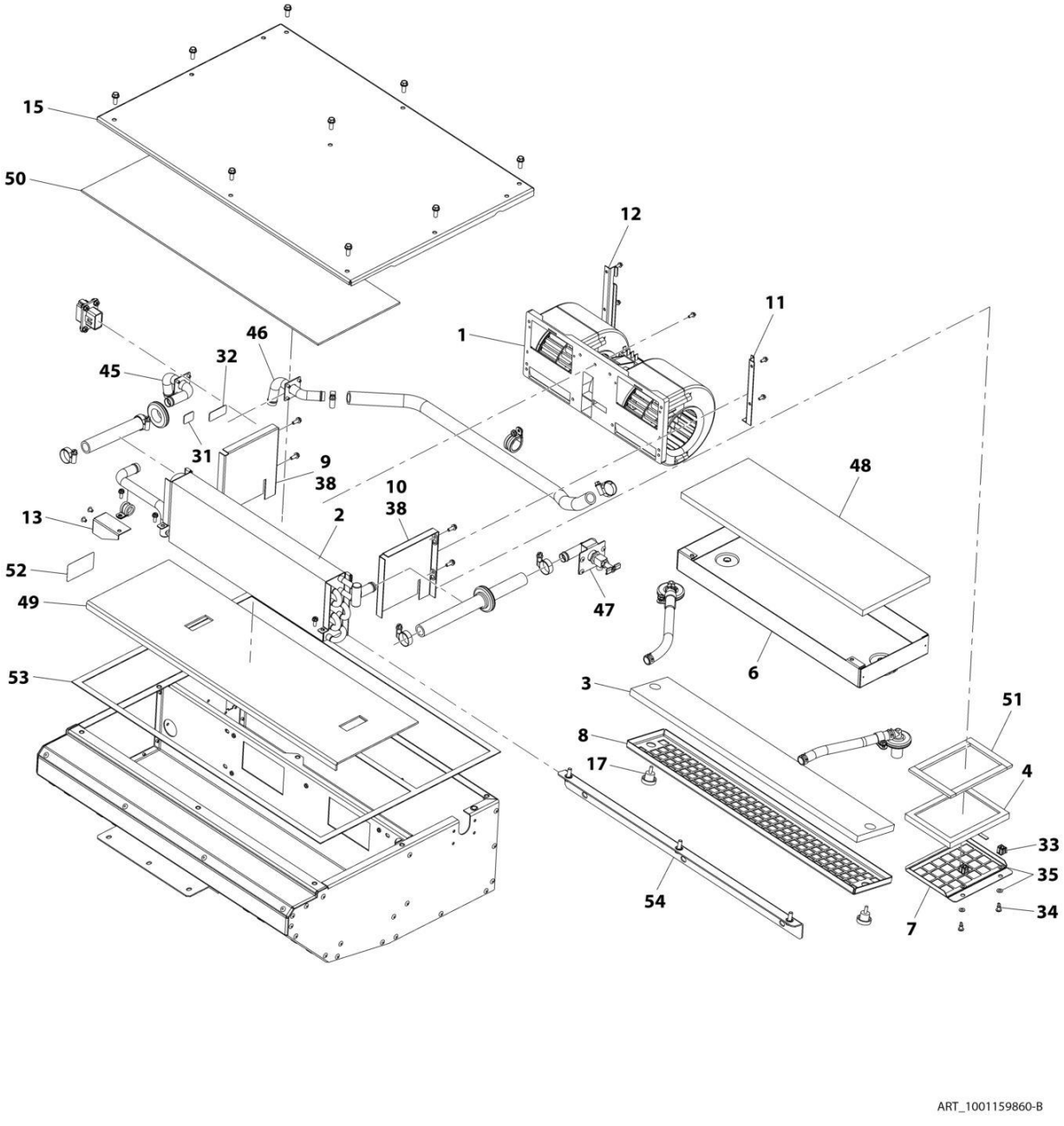


FIGURE 6-23. ROOF HEATER BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159860	Ref	Roof Heater Box	B
1	70026978	1	Blower, 12V	
2	70026981	1	Heater Coil	
3	70026982	1	Air Filter	
4	70026983	1	Air Filter	
6	70029822	1	Drain Pan	
7	70029823	1	Cover, Air Filter	
8	70029824	1	Cover, Air Filter	
9	70029825	1	Bracket, Coil (R)	
10	70029826	1	Bracket, Coil (L)	
11	70029827	1	Bracket, Blower	
12	70029828	1	Bracket, Blower	
13	70029829	1	Support Bracket	
15	70029830	1	Cover	
16	70029831	1	Harness (not shown)	
17	8036726	2	Knob	
31	70029832	1	Overlay In	
32	70029833	1	Overlay Out	
33	70029834	2	Receptacle	
34	70029835	2	Stud, Oval Slotted	
35	70029836	4	Retainer	
38	70029837	2	Panel, Coil Clip	
45	70029838	1	Tube Assembly	
46	70029839	1	Tube Assembly	
47	70026991	1	Valve, Bleeder	
48	70029840	1	Foam	
49	70029841	1	Foam, Closed Cell	
50	70029842	1	Foam, Closed Cell	
51	70026123	1	Foam, 3/16X180	
52	See Note	1	Foam 456mm	
53	70029843	1	Foam, Closed Cell	
54	70029844	1	Bracket Assembly	

FIGURE 6-24. ROOF BOX HVAC

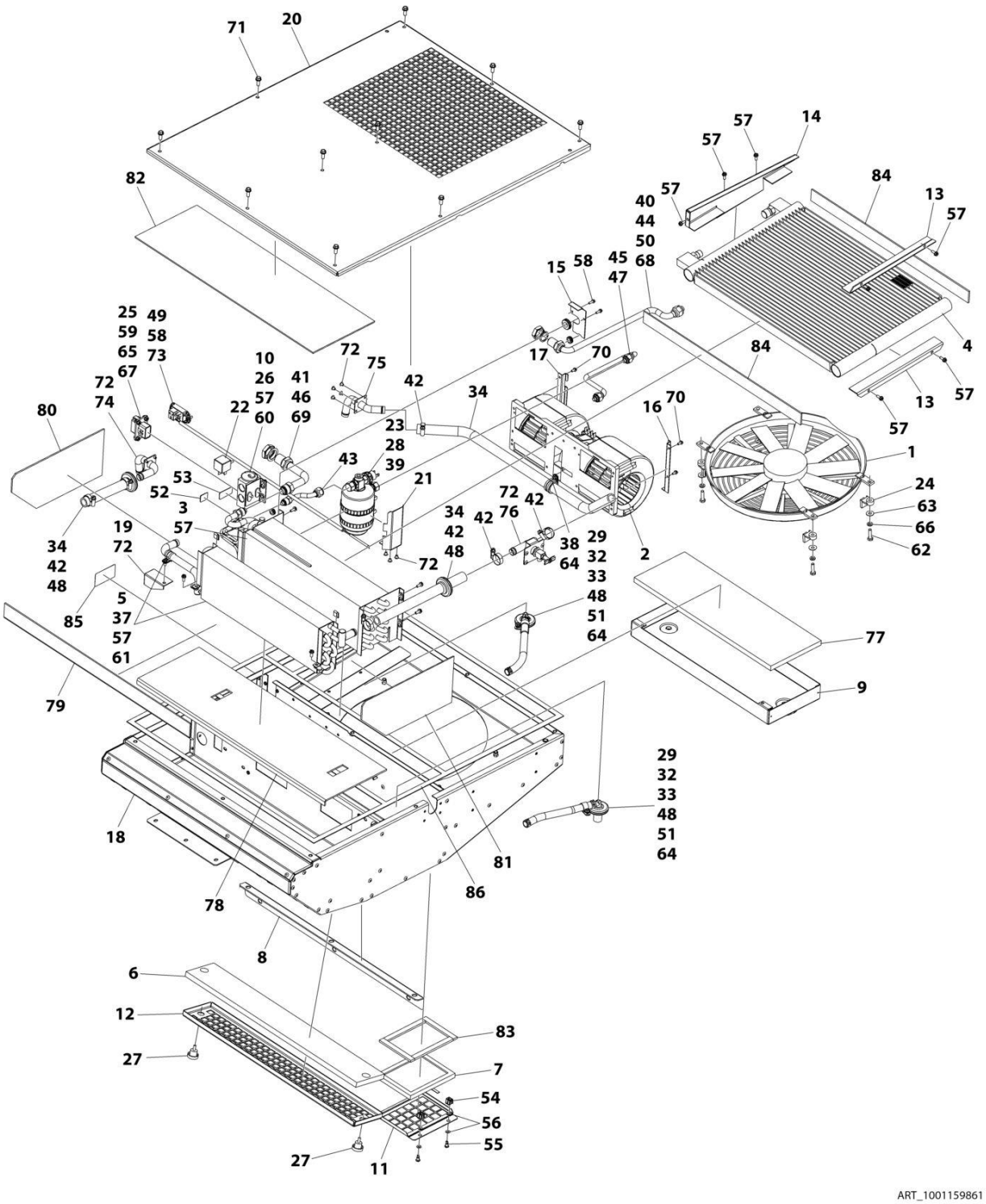


FIGURE 6-24. ROOF BOX HVAC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159861	Ref	ROOF BOX HVAC	B
1	70026945	1	Assembly, Fan	
2	70026978	1	Blower	
3	70026979	1	Coil, Evaporator	
4	70026980	1	Condenser	
5	70026981	1	Coil, Heater	
6	70026982	1	Filter, Air	
7	70026983	1	Filter, Air	
8	70030281	1	Bracket	
9	70029822	1	Pan, Drain	
10	NPN	1	Bracket	
11	70029823	1	Cover	
12	70029824	1	Cover	
13	NPN	2	Rail, Condenser	
14	NPN	1	Bracket, Condenser	
15	70031394	1	Bracket	
16	70029827	1	Bracket, Blower	
17	70029828	1	Bracket, Blower	
18	NPN	1	Housing	
19	70029829	1	Bracket	
20	70031395	1	Cover	
21	70031396	1	Bracket	
22	70026986	1	Relay	
23	70026854	1	Sensor, Pressure	
24	70029981	4	Mount, Fan	
25	70031397	1	Harness, Wiring	
26	70020876	1	Valve, Block	
27	8036726	2	Knob	
28	70026984	1	Drier, Receiver	
29	7029412	AR	Hose	
32	7029413	2	Fitting, 90	
33	7029415	4	Clamp	
34	70031398	AR	Hose	
37	70026987	1	Clamp	
38	70026988	1	Clamp	
39	70026989	2	Clamp	
40	70031402	1	Nut #8	
41	70031403	1	Nut #10	
42	70026990	6	Clamp	
43	70028782	1	Tube	
44	70028781	1	Tube	
45	70028780	1	Tube	
46	70028779	1	Tube	
47	70031404	1	Grommet	
48	70031405	4	Grommet	
49	70026111	1	Grommet	
50	70031406	1	Grommet	
51	NPN	2	Clamp	
52	70029832	1	Cover, In	
53	70029833	1	Cover, Out	

SECTION 6 - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	70029834	2	Connector	
55	70029835	2	Screw	
56	70029836	4	Washer	
57	NPN	16	Bolt #10 x 1/2	
58	NPN	5	Bolt #8 x 1/2	
59	NPN	8	Washer #8	
60	NPN	2	Bolt 1/4 x 1-1/2	
61	70029837	2	Clip	
62	NPN	4	Bolt 1/4 x 1	
63	NPN	6	Washer 1/4	
64	NPN	3	Nut #10	
65	NPN	4	Nut #8	
66	70029984	4	Washer 1/4	
67	NPN	4	Bolt #8 x 1/2	
68	70031413	1	Washer	
69	70031414	1	Washer	
70	NPN	5	Bolt #8 x 3/8	
71	NPN	10	Bolt 1/4 x 5/8	
72	NPN	17	Rivet	
73	70026985	1	Thermostat	
74	70029838	1	Tube	
75	70029839	1	Tube	
76	70026991	1	Valve, Bleeder	
77	70029840	1	Foam	
78	70029841	1	Foam	
79	70031420	1	Foam	
80	70031421	1	Foam	
81	70031422	1	Foam	
82	70029842	1	Foam	
83	70026123	1	Insulation	
84	70026124	2	Foam	
85	NPN	1	Decal	
86	70029843	1	Foam	

FIGURE 6-25. HEATER VALVE

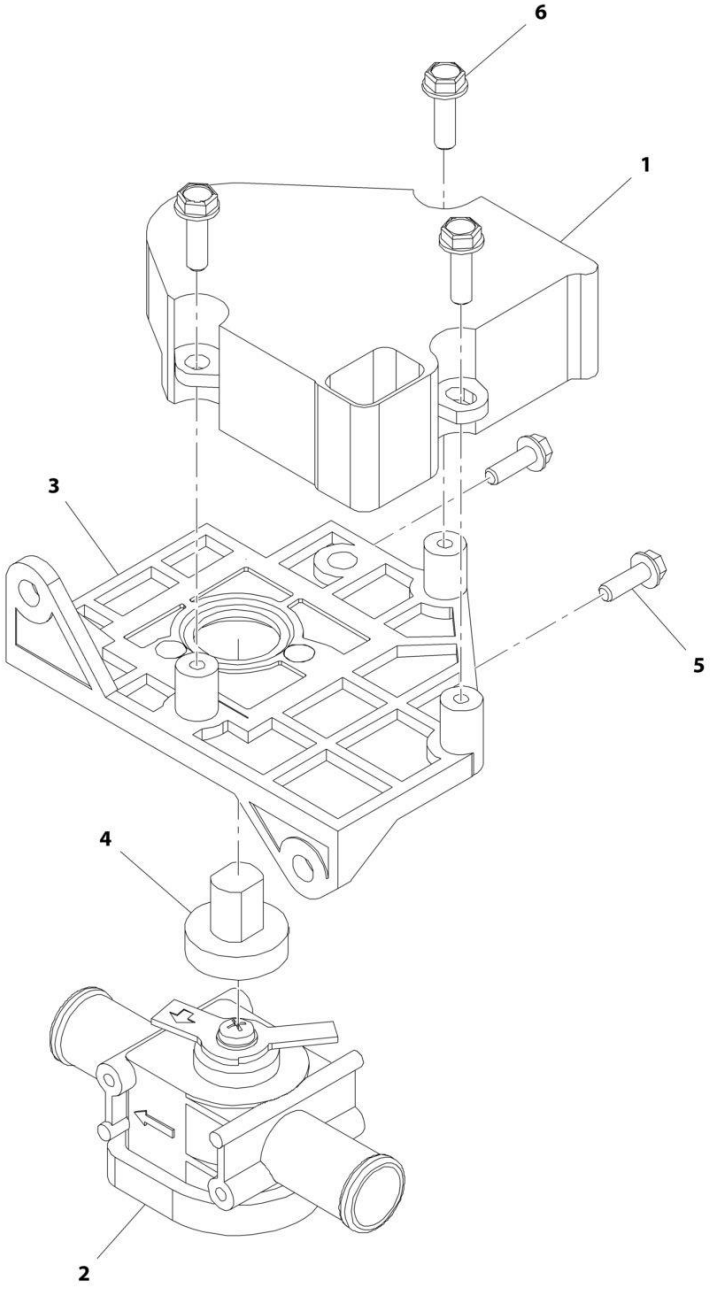


FIGURE 6-25. HEATER VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159844	Ref	Heater Valve	C
1	70026088	1	Motor Actuator, 12V	
2	70026089	1	Assembly, Heater Valve	
3	70026090	1	Assembly, Valve Bracket	
4	70026091	1	Adapter, Shaft	
5	70026092	2	Screw, 8-18X1/2	
6	70026093	3	Screw, 10-16X5/8	

FIGURE 6-26. FIRE EXTINGUISHER INSTALLATION

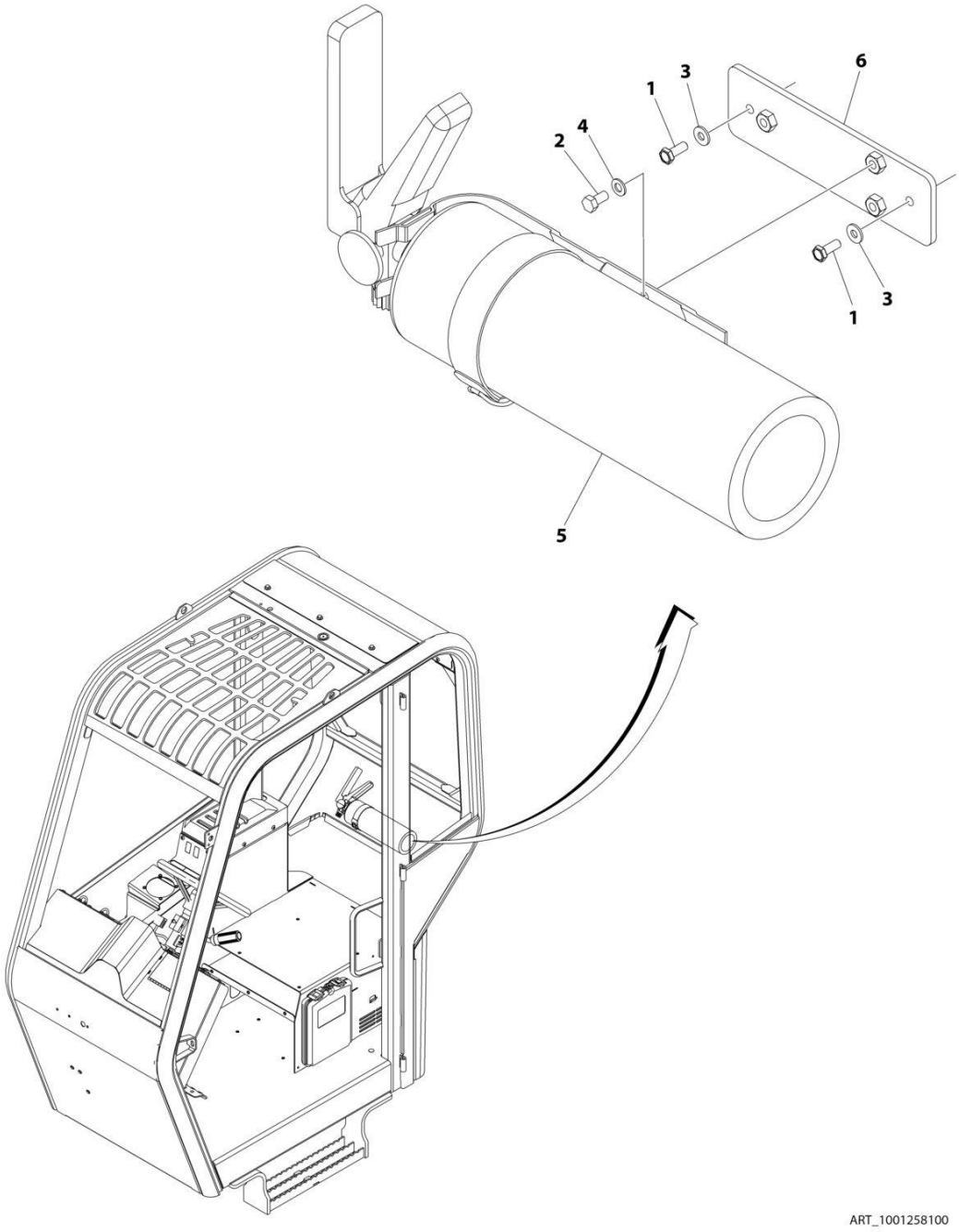


FIGURE 6-26. FIRE EXTINGUISHER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001258100	Ref	Skytrak Fire Extinguisher Installation	A
1	0721004	2	Screw M10X1/2	
2	0760505	3	Bolt M5X10	
3	4750800	2	Washer M8	
4	4811600	3	Washer M5	
5	1001099699	1	Extinguisher, Fire with Bracket	
5	1001100082	1	Bracket	
6	1001241305	1	Bracket	

SECTION 7 - CONTROLS

FIGURE 7-1. SECONDARY CONTROLS INSTALLATION

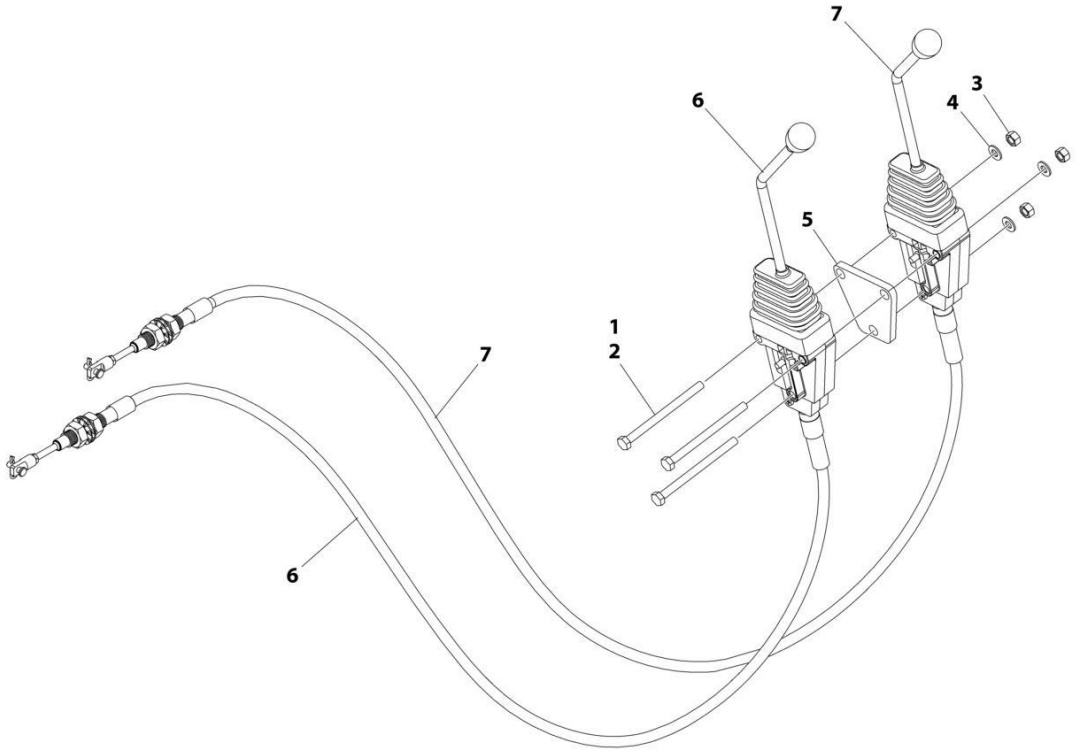
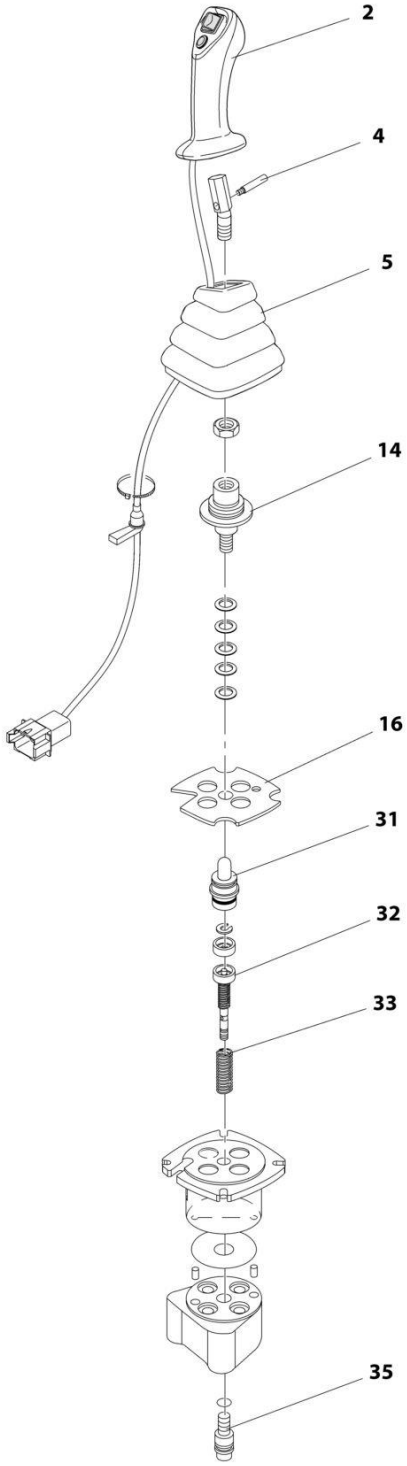


FIGURE 7-1. SECONDARY CONTROLS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256070	Ref	SECONDARY CONTROLS INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0700828	3	Bolt M8 x 110	
3	8305043	3	Nut M8 x 1.25	
4	8307222	3	Washer M8	
5	1001174340	1	Bracket, Control Spacer Plate	
6	1001256068	1	Secondary Tall Control (See Separate Breakdown in this Section)	
7	1001256069	1	Secondary Short Control (See Separate Breakdown in this Section)	

FIGURE 7-2. PILOT JOYSTICK CONTROL



ART_1001158002-B

FIGURE 7-2. PILOT JOYSTICK CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158002	Ref	Pilot Joystick Control	B
2	70026097	1	Handle	
4	91404011	1	Kit, Bent Lever	
5	80364095	1	Boot, Rubber	
14	80264138	1	Kit, Cardan	
16	91404013	1	Plate, Retaining	
31	91304025	2	Kit, Plunger (set of two)	
32	70026098	4	Unit, Regulating	
33	91514225	1	Spring, Return (set of four)	
35	91404326	1	Kit, Seal	

FIGURE 7-3. SECONDARY TALL CONTROL

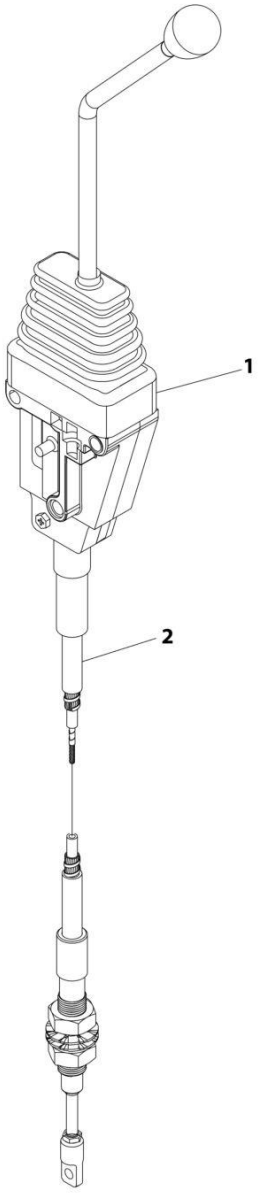


FIGURE 7-3. SECONDARY TALL CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256068	Ref	SECONDARY TALL CONTROL	A
1	1001173581	1	Control	
2	1001256067	1	Cable	

FIGURE 7-4. SECONDARY SHORT CONTROL

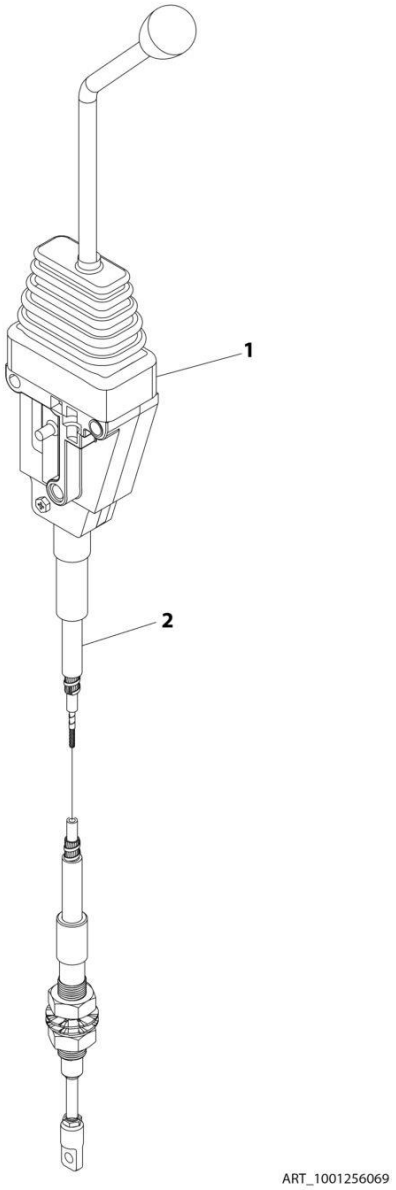


FIGURE 7-4. SECONDARY SHORT CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256069	Ref	SECONDARY SHORT CONTROL	A
1	1001173582	1	Control	
2	1001256067	1	Cable	

FIGURE 7-5. BRAKE ASSEMBLY

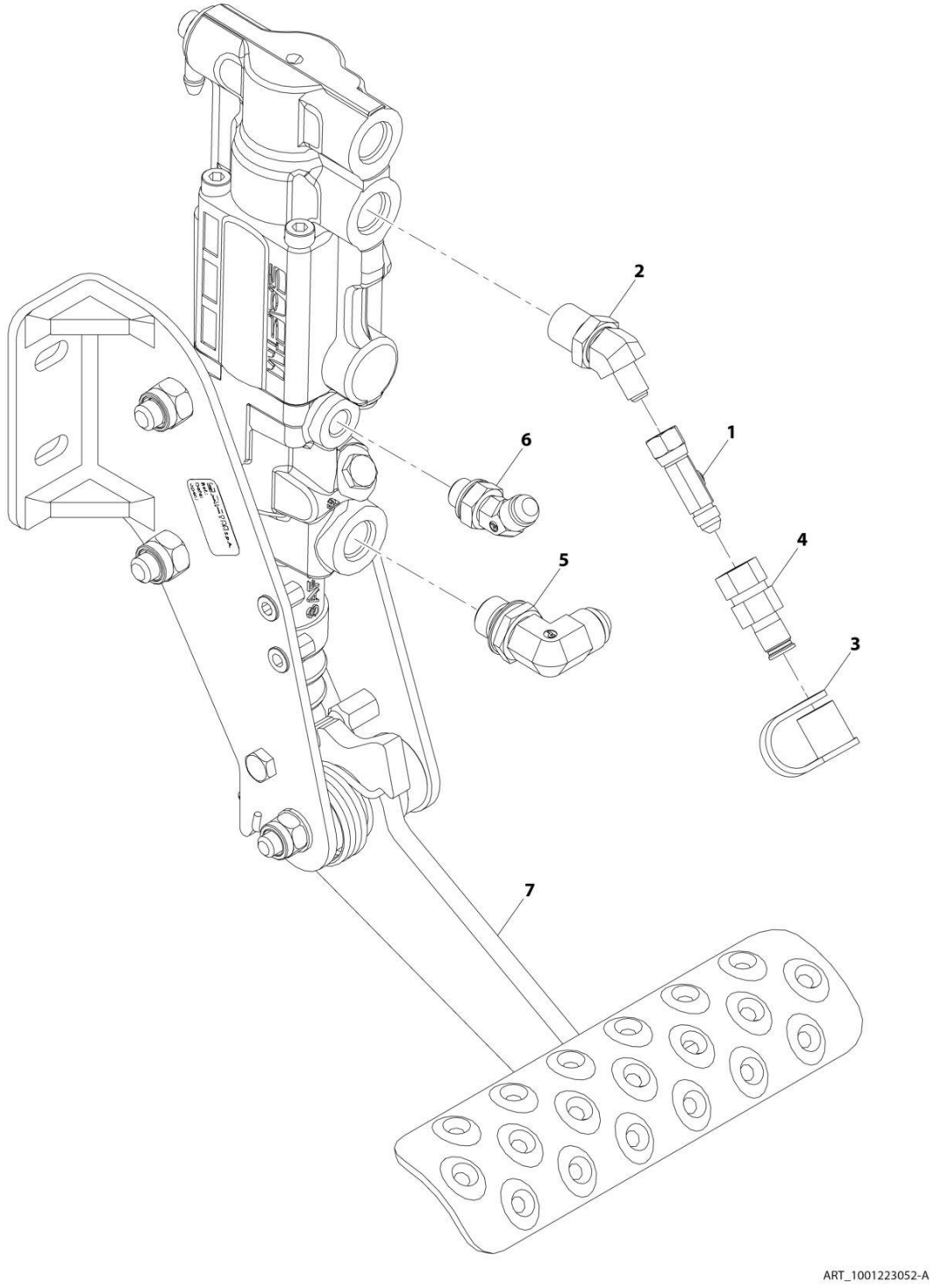


FIGURE 7-5. BRAKE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223052	Ref	Brake Assembly - Safim	A
1	2220605	1	Adapter	
2	2221344	1	Adapter	
3	8430032	1	Plug, Dust Cap	
4	10727374	1	Adapter	
5	91473086	1	Adapter	
6	1001183341	1	Adapter	
7	1001223050	1	Installation, Hydraulic Brake Valve (See Separate Breakdown in HYDRAULIC CIRCUITS Section)	

SECTION 8 - HYDRAULIC CIRCUITS

SECTION 8 - HYDRAULIC CIRCUITS

FIGURE 8-1. HYDRAULIC INSTALLATION

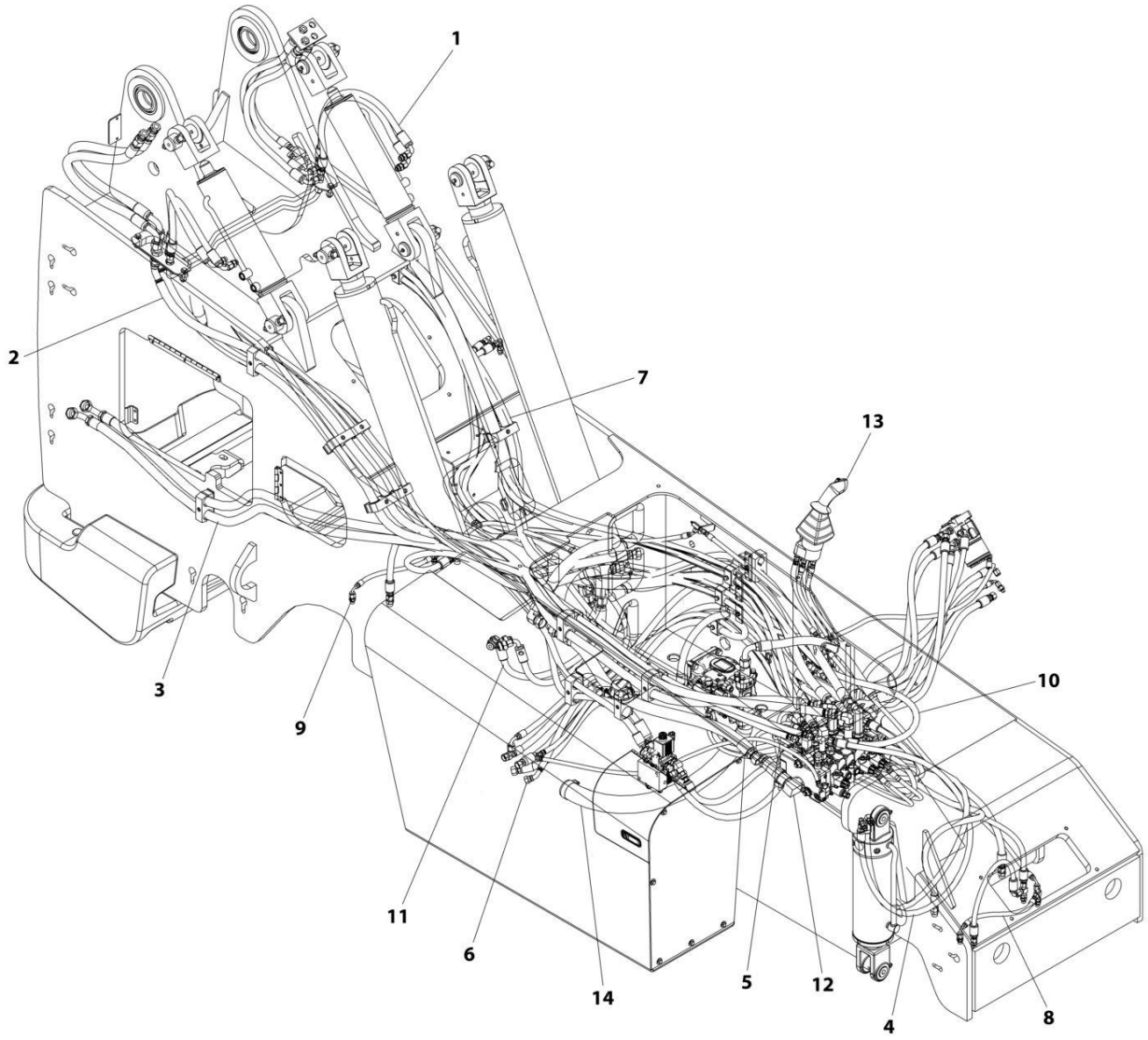
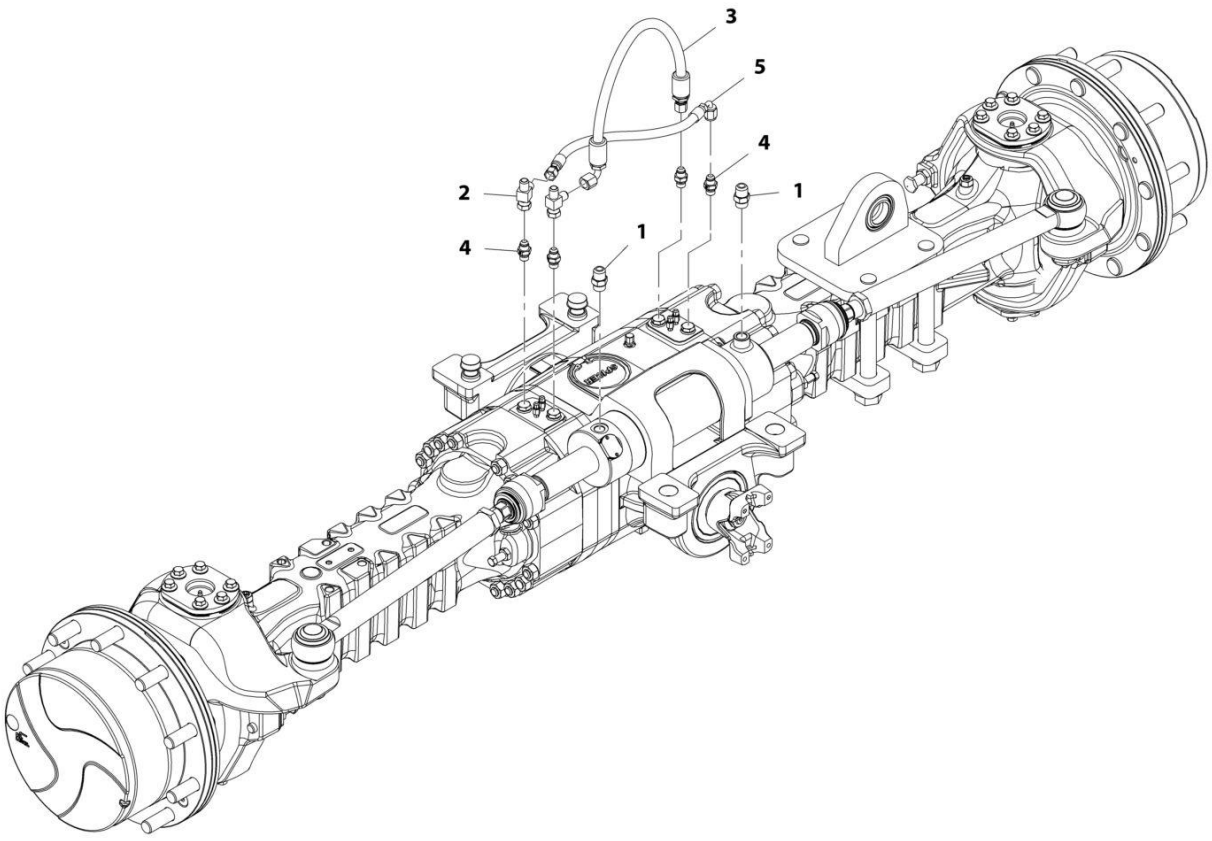


FIGURE 8-1. HYDRAULIC INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205749	Ref	HYDRAULIC INSTALLATION, 74HP (ULS)	E
1	1001213142	Ref	Installation, Rear Bulkhead (See Separate Breakdown in this Section)	
2	1001159869	Ref	Installation, Hydraulic Extend Plumbing (See Separate Breakdown in this Section)	
3	1001171873	Ref	Installation, Hydraulic Transmission Cooler Plumbing (See Separate Breakdown in this Section)	
4	1001196292	Ref	Installation, Frame Tilt (See Separate Breakdown in this Section)	
5	1001196293	Ref	Installation, Hydraulic Fork Plumbing (See Separate Breakdown in this Section)	
6	1001196321	Ref	Installation, Hydraulic Valves (See Separate Breakdown in this Section)	
7	1001196668	Ref	Installation, Hydraulic Cooler Plumbing (See Separate Breakdown in this Section)	
8	1001201987	Ref	Installation, Front Axle Hydraulic (See Separate Breakdown in this Section)	
9	1001201989	Ref	Installation, Rear Axle Hydraulic (See Separate Breakdown in this Section)	
10	1001202467	Ref	Installation, Frame Auxiliary (See Separate Breakdown in this Section)	
11	1001202468	Ref	Installation, Hydraulic Frame Cylinders (See Separate Breakdown in this Section)	
12	1001196290	Ref	Installation, Main Control Valve (See Separate Breakdown in this Section)	
13	1001205754	Ref	Installation, Cab Hydraulics (See Separate Breakdown in this Section)	
14	1001196650	Ref	Installation, Hydraulic Pump (See Separate Breakdown in this Section)	

FIGURE 8-2. AXLE (FRONT) HYDRAULICS ASSEMBLY



ART_1001201988-B

FIGURE 8-2. AXLE (FRONT) HYDRAULICS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201988	Ref	Front Axle Hydraulic Assembly	B
1	2220373	2	Adapter, Straight	
2	2220635	2	Adapter, Run Tee	
3	2716670	1	Hose	
4	8770064	4	Adapter, Straight	
5	1001210858	1	Hose	

FIGURE 8-3. AXLE (FRONT) HYDRAULICS INSTALLATION

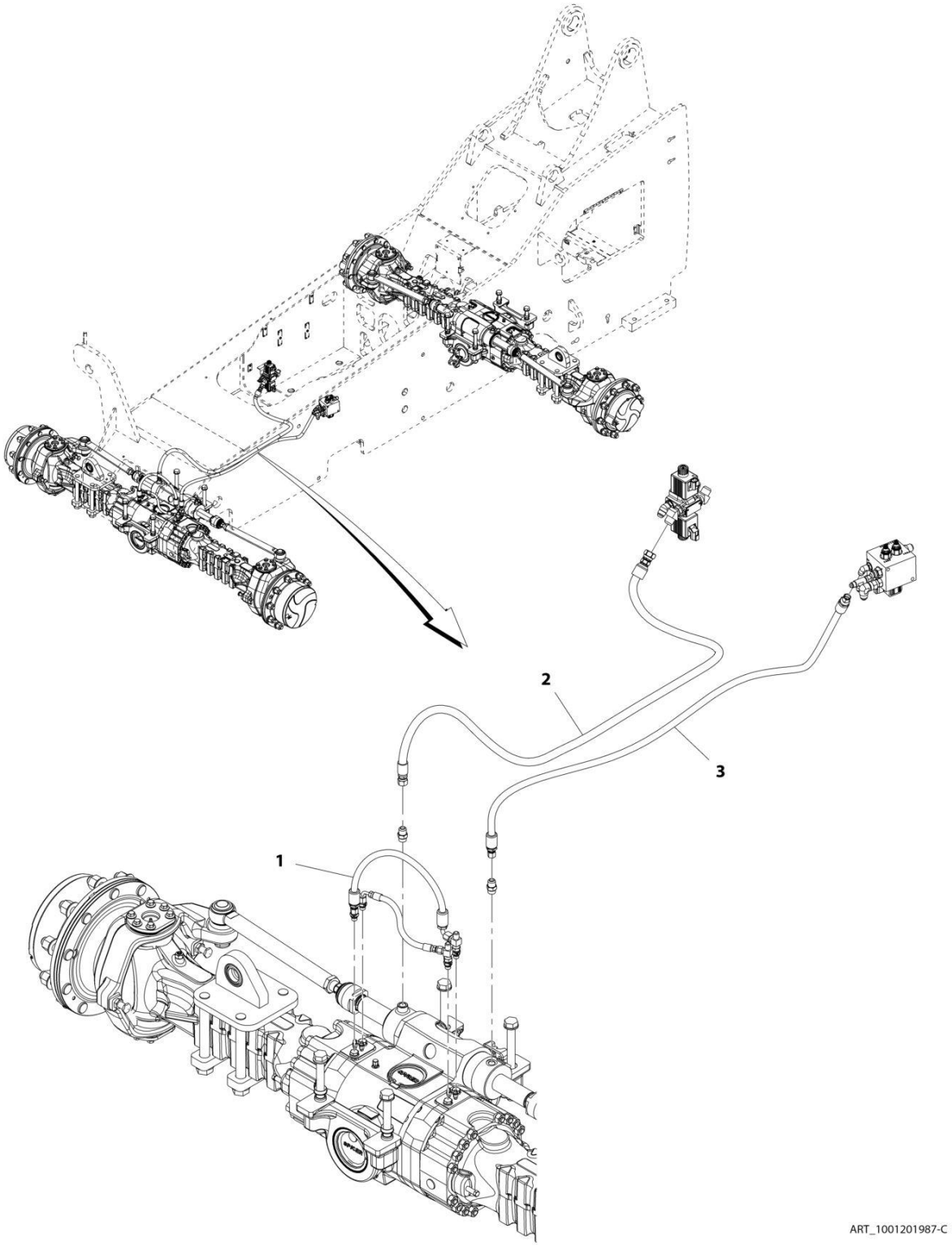
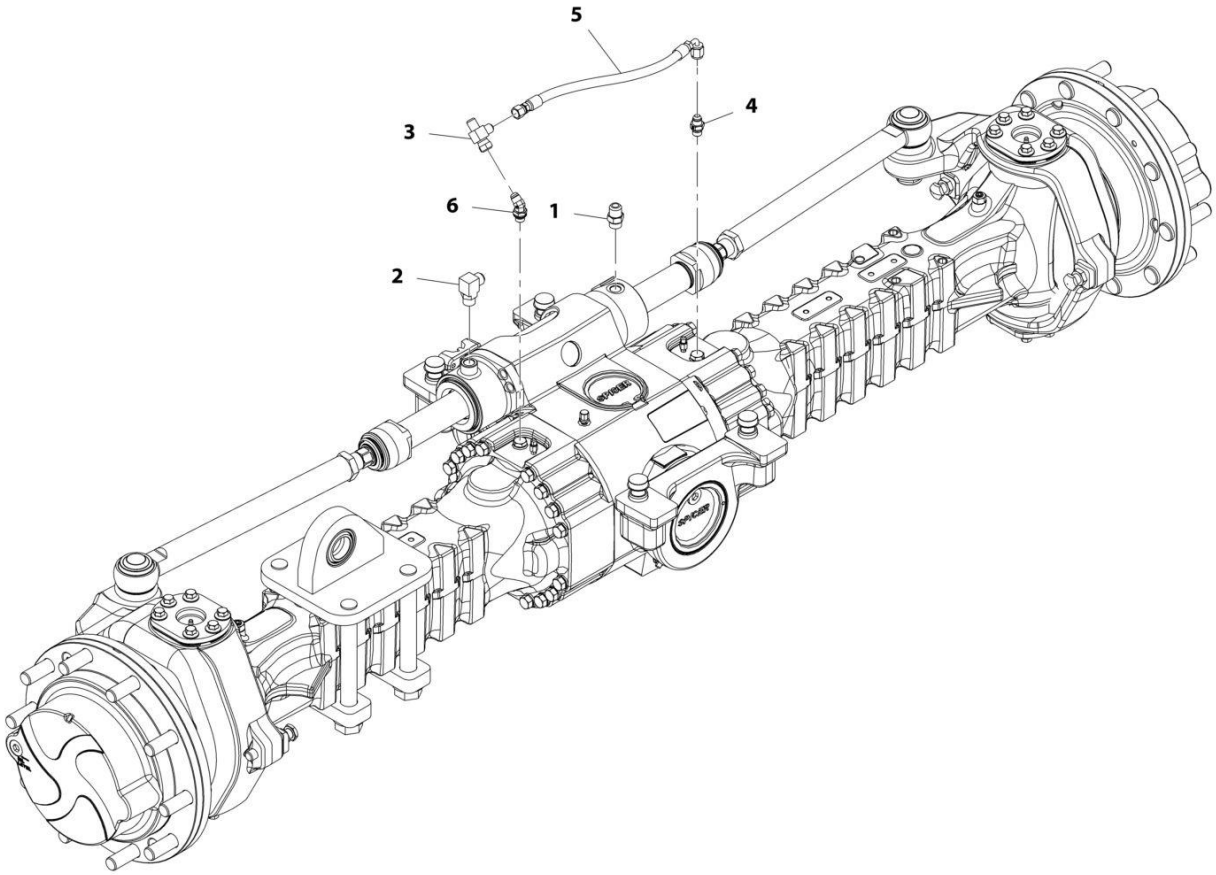


FIGURE 8-3. AXLE (FRONT) HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201987	Ref	Front Axle Hydraulic Installation	C
1	1001201988	1	Assembly, Front Axle Hydraulic (See Separate Breakdown in this Section)	
2	1001194757	1	Hose	
3	2716763	1	Hose	

FIGURE 8-4. AXLE (REAR) HYDRAULICS ASSEMBLY



ART_1001201990-B

FIGURE 8-4. AXLE (REAR) HYDRAULICS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201990	Ref	Rear Axle Hydraulic Assembly	B
1	2220373	1	Adapter, Straight	
2	2220596	1	Adapter, 90	
3	2220635	1	Adapter, Run Tee	
4	8770064	1	Adapter, Straight	
5	1001210858	1	Hose	
6	1001202043	1	Adapter, 45	

FIGURE 8-5. AXLE (REAR) HYDRAULICS INSTALLATION

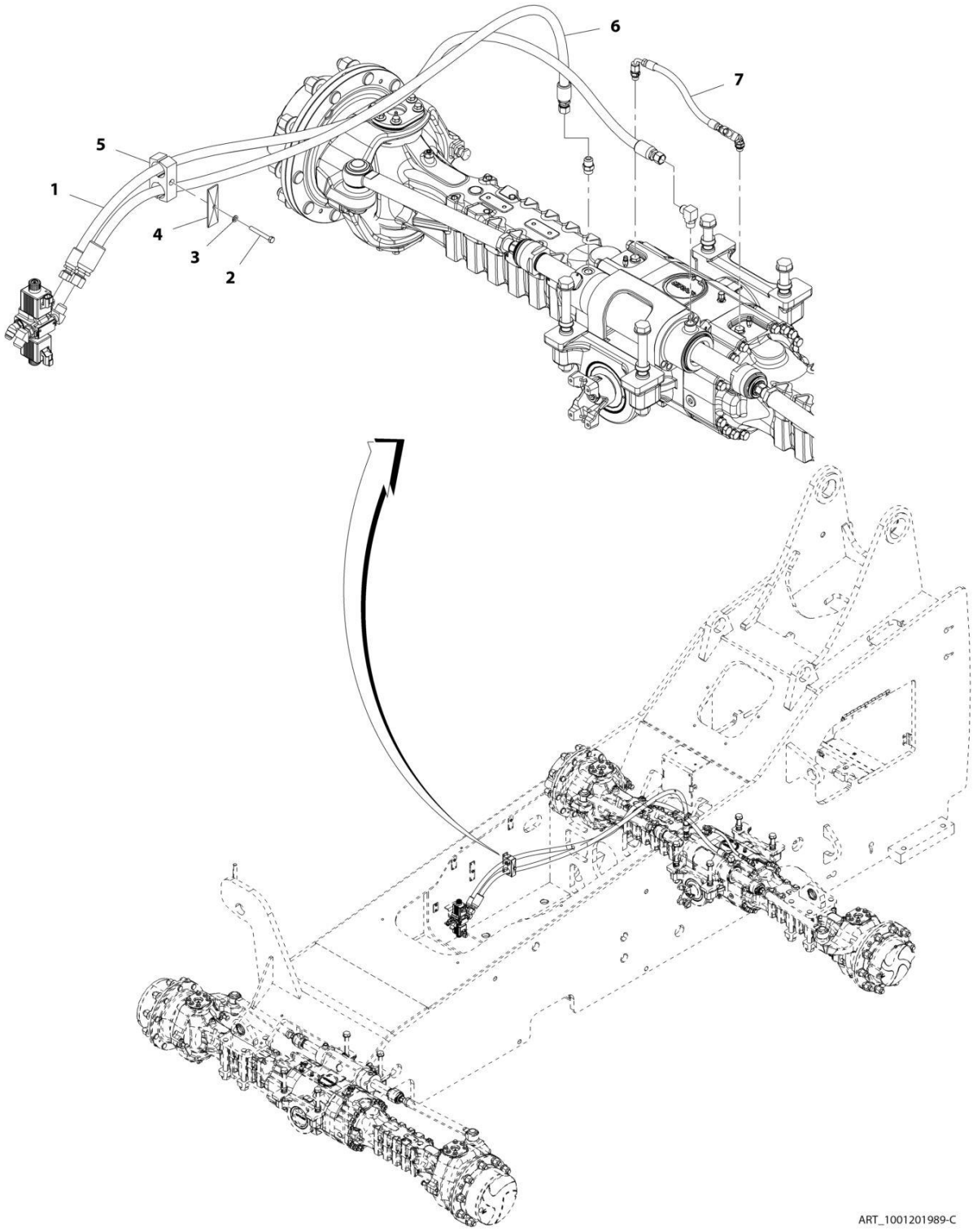


FIGURE 8-5. AXLE (REAR) HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201989	Ref	Rear Axle Hydraulic Installation	C
1	2716673	1	Hose	
2	8303757	1	Bolt, 5/16-18X2-1/2	
3	8307004	1	Washer, Lock 5/16	
4	8750025	1	Cover Plate, Twin	
5	8750040	1	Clamp Set, Twin	
6	1001178224	1	Hose	
7	1001201990	1	Assembly, Rear Axle Hydraulic (See Separate Breakdown in this Section)	

FIGURE 8-6. BOOM AUXILIARY HYDRAULICS

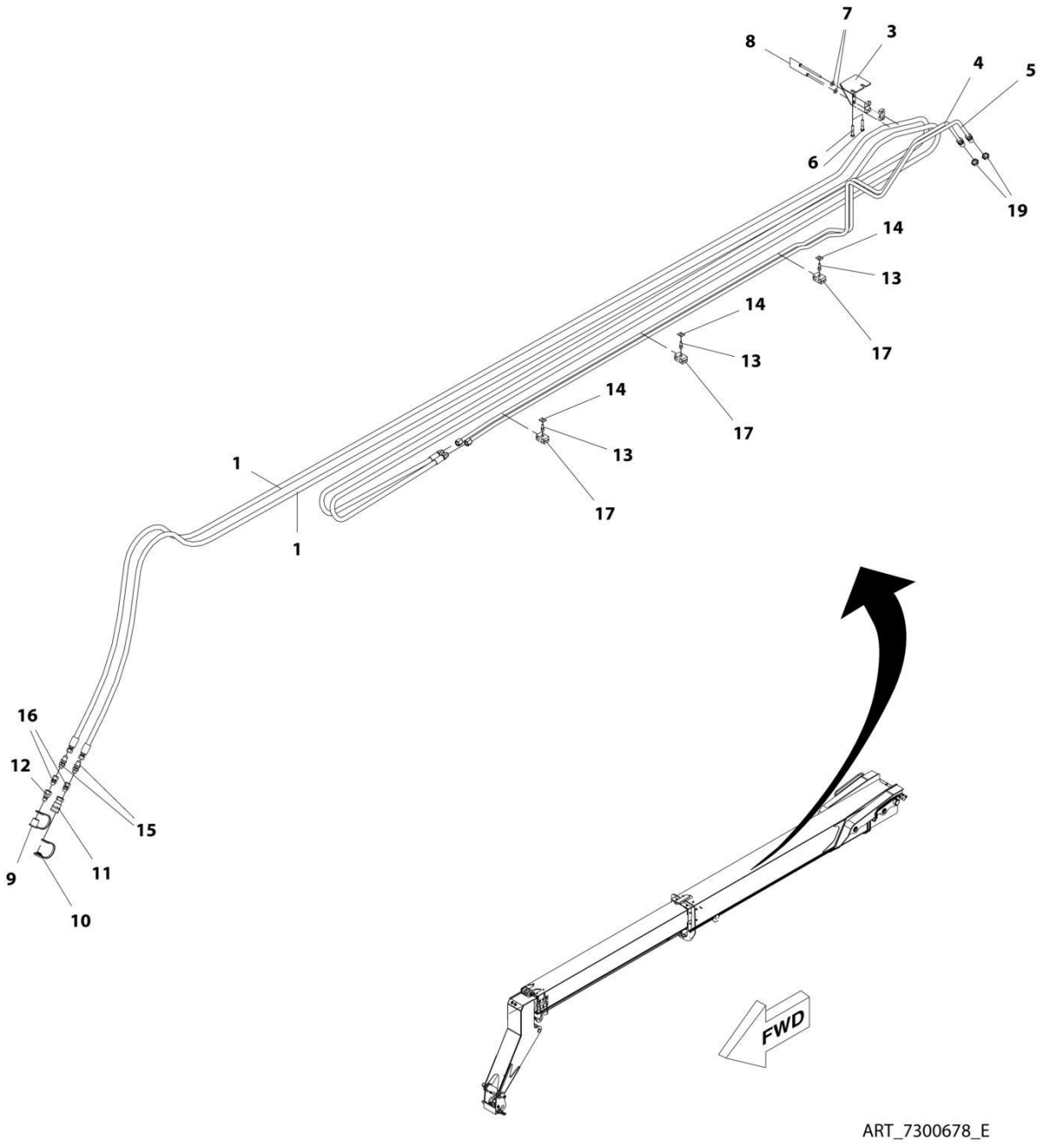


FIGURE 8-6. BOOM AUXILIARY HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7300678	Ref	Boom Auxiliary Hydraulics Installation	F
1	2713082	2	Hose	
3	7111402	1	Support, Hose Clamp	
4	7300674	1	Tube, Boom Auxiliary Inner	
5	7300675	1	Tube, Boom Auxiliary Outer	
6	8303622	2	Bolt, 3/8-16X2	
7	8307203	2	Washer, Plain 5/16	
8	8310081	2	Bolt, 5/16-18X5	
9	8420053	1	Cap, Dust	
10	8420055	1	Plug, Dust	
11	91403413	1	Adapter, Quick Disconnect	
12	91403414	1	Adapter, Quick Disconnect	
13	8750011	3	Bolt, Stacking 5/16	
14	8750017	3	Plate, Twin Clamp Locking	
15	2230025	2	Adapter, Bulkhead Straight	
16	2220651	2	Adapter, Straight	
17	8769122	3	Clamp Set, Twin 5/8	
18	8769161	2	Clamp, Half Single 3/4	
19	8760465	2	Adapter, Bulkhead Nut	
20	0761010	2	Bolt M10 x 20	
21	2221027	2	Fitting	
22	4812000	2	Washer M10	
23	1001272715	1	Plate	

FIGURE 8-7. BOOM EXTEND/RETRACT HYDRAULICS (MAIN VALVE TO BOOM)

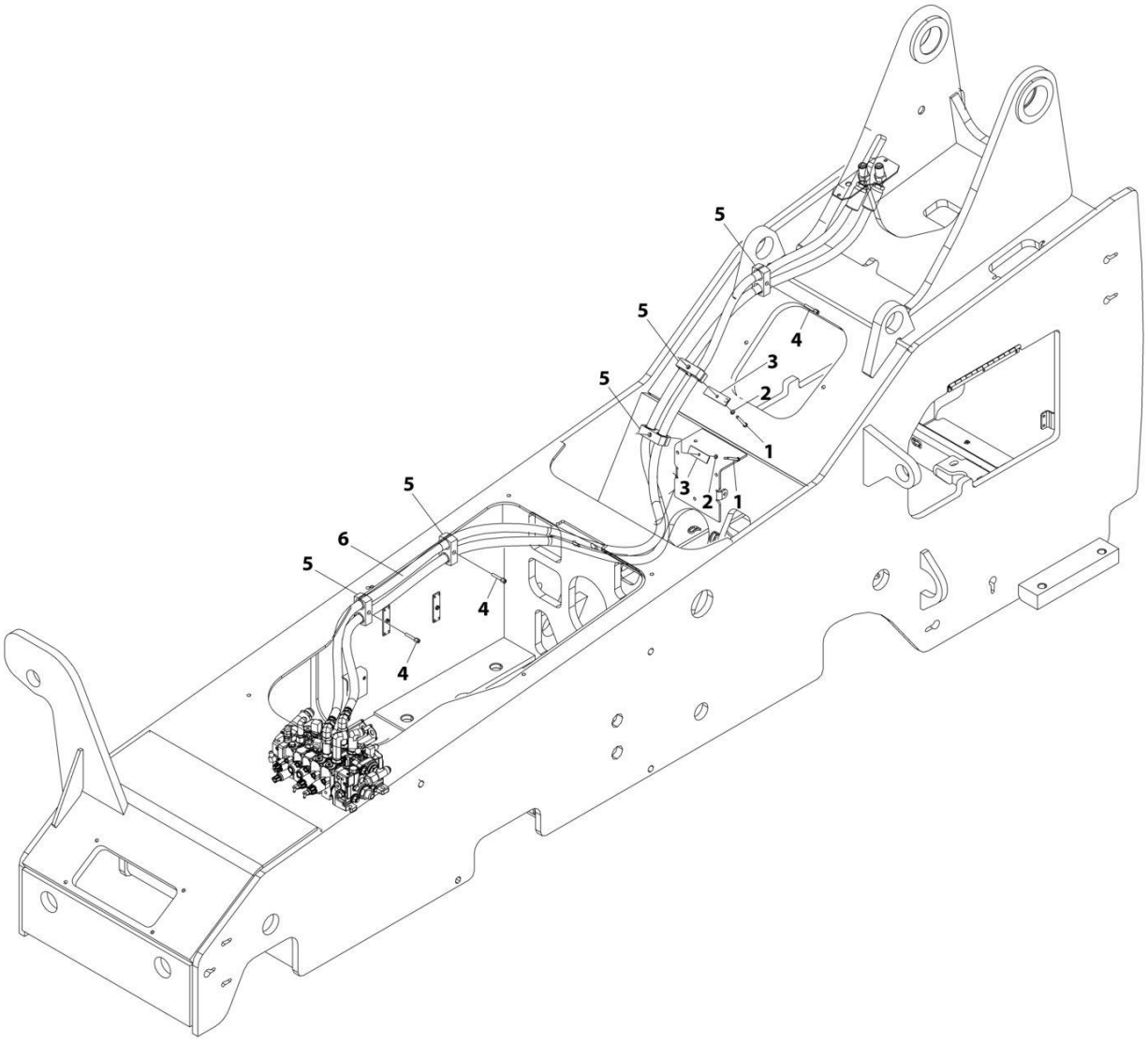


FIGURE 8-7. BOOM EXTEND/RETRACT HYDRAULICS (MAIN VALVE TO BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001159869	Ref	HYDRAULIC EXTEND PLUMBING INSTALLATION	G
1	8303757	2	Bolt 5/16 x 2-1/2	
2	8307004	2	Washer 5/16	
3	8750025	2	Cover Plate, Twin	
4	8750026	3	Bolt, Stacking	
5	8750040	5	Clamp Set, Twin	
6	1001254087	2	Hose	

FIGURE 8-8. BRAKE & FITTINGS ASSEMBLY

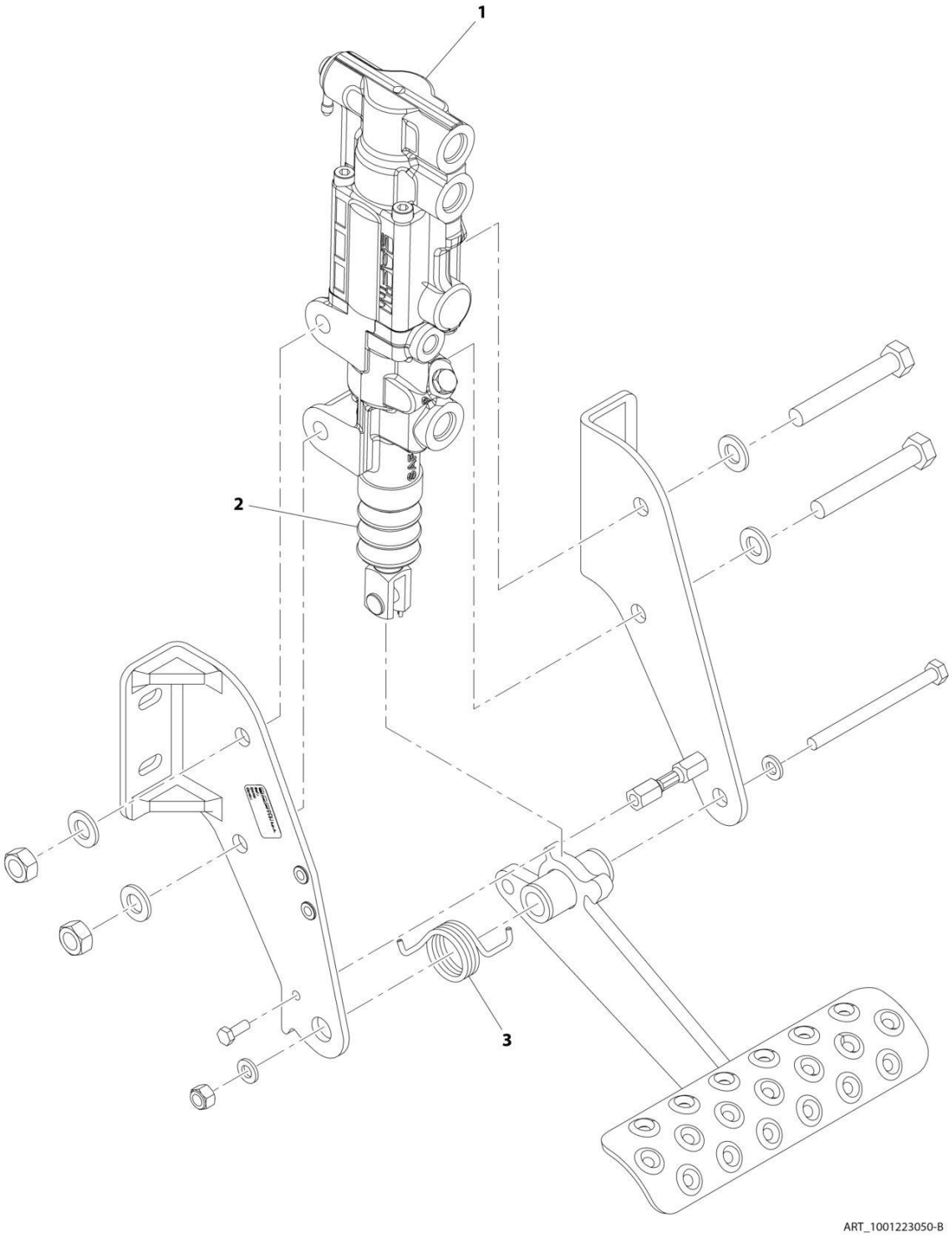


FIGURE 8-8. BRAKE & FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223050	Ref	Hydraulic Brake Valve Installation	B
1	1001201721	1	Brake Valve (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	70025859	1	Dust Cover	
3	70028547	1	Spring, Return	

FIGURE 8-9. BRAKE HYDRAULICS

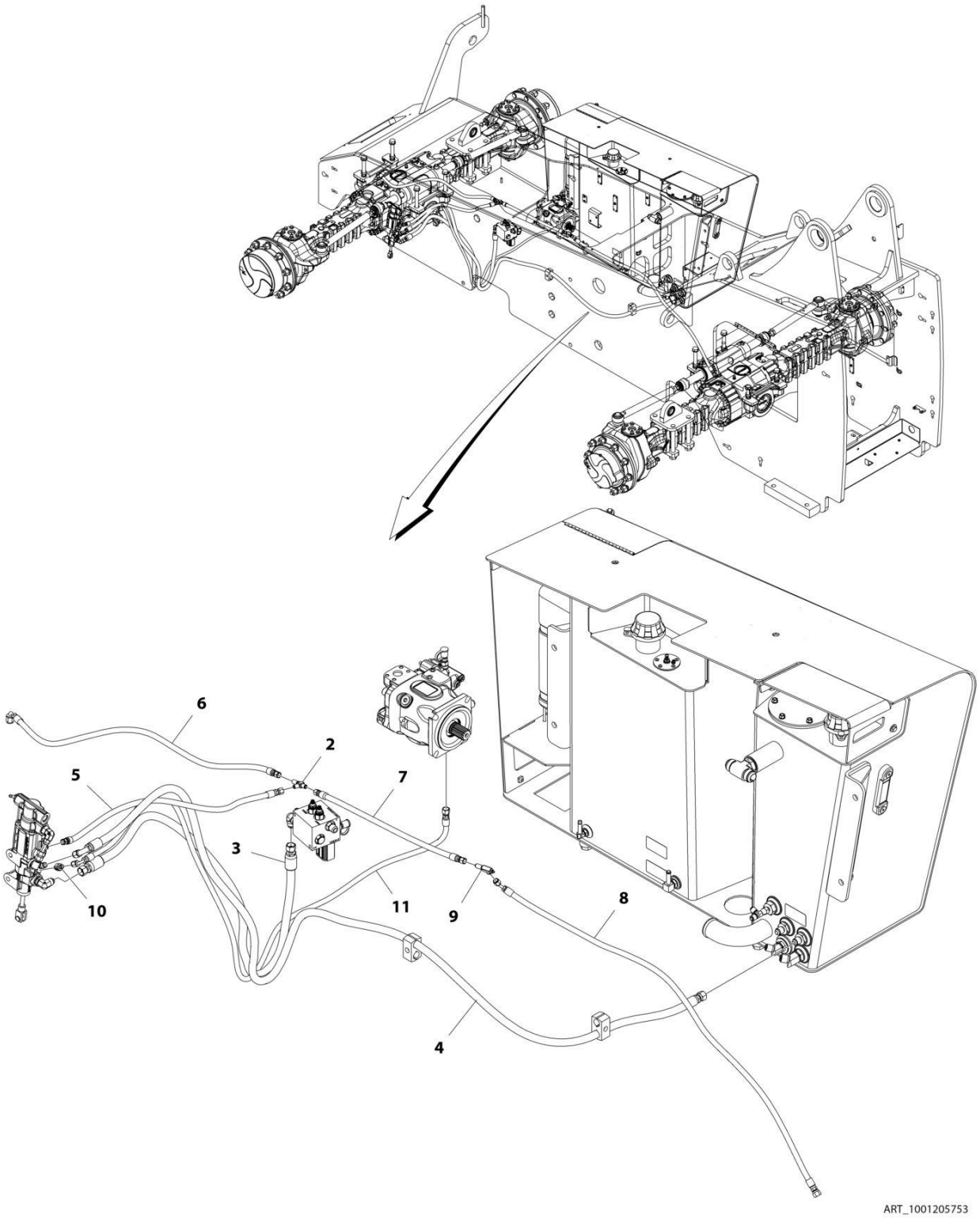


FIGURE 8-9. BRAKE HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205753	Ref	BRAKE HYDRAULICS INSTALLATION, 74HP	D
2	10728823	1	Adapter, Run Tee	
3	1001201726	1	Hose	
4	1001201728	1	Hose	
5	1001210854	1	Hose	
6	1001210855	1	Hose	
7	1001210856	1	Hose	
8	1001210857	1	Hose	
9	1001201734	1	Manifold, Brake Bleeder Tee	
10	1001183370	1	Valve, Check	
11	1001209223	1	Hose	

FIGURE 8-10. CAB HYDRAULICS INSTALLATION

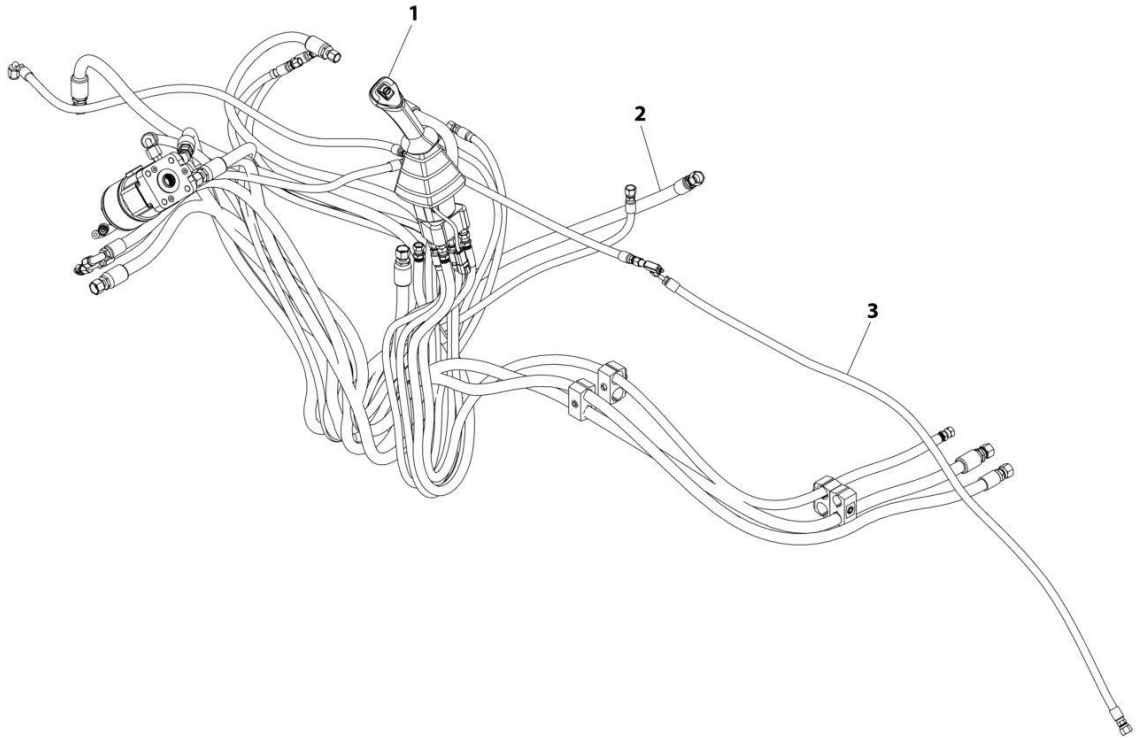


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FIGURE 8-10. CAB HYDRAULICS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205754	Ref	CAB HYDRAULICS INSTALLATION	C
1	1001158854	Ref	Installation, Pilot Control (See Separate Breakdown in this Section)	
2	1001158856	Ref	Installation, Steering Hydraulics (See Separate Breakdown in this Section)	
3	1001205753	Ref	Installation, Brake Hydraulics (See Separate Breakdown in this Section)	

FIGURE 8-11. DEF LINES INSTALLATION

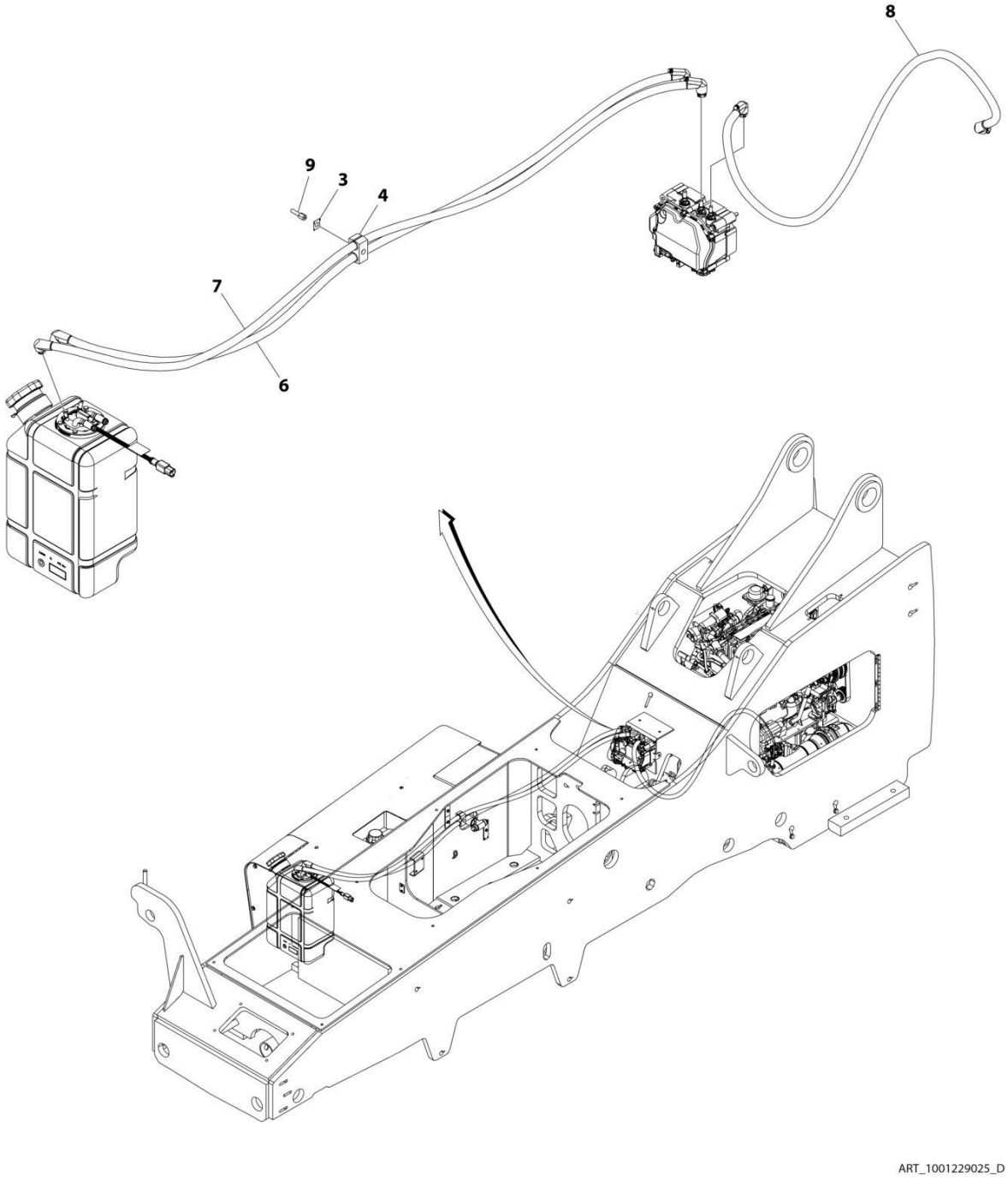

FIGURE 8-11. DEF LINES INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229025	Ref	DEF Lines Installation	D
3	8750017	1	Plate, Locking	
4	8769127	1	Clamp Set, Twin	
6	1001229023	1	Hose	
7	1001229024	1	Hose	
8	1001168859	1	Hose	
9	8750012	1	Bolt, Stacking	

FIGURE 8-12. FRAME AUXILIARY HYDRAULICS

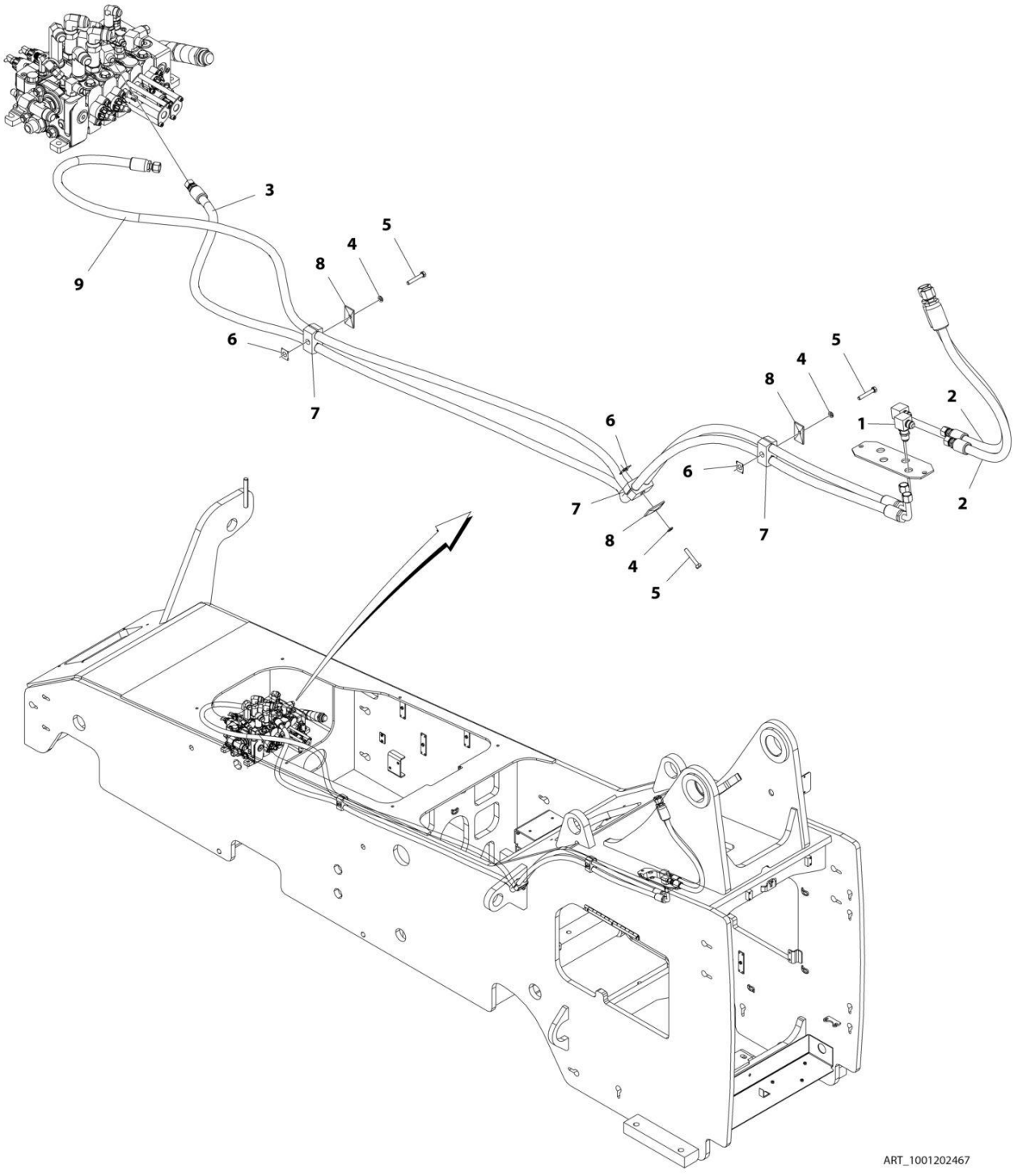

FIGURE 8-12. FRAME AUXILIARY HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202467	Ref	FRAME AUXILIARY INSTALLATION	E
1	2230044	2	Adapter, Bulkhead 90 JIC	
2	2716713	2	Hose	
3	1001254102	1	Hose	
4	8307004	3	Washer 5/16	
5	8310009	3	Bolt 5/16 x 2	
6	8750017	3	Plate, Twin Clamp Locking	
7	8750027	3	Clamp Set, Twin	
8	8769128	3	Cover Plate, Twin	
9	1001254103	1	Hose	

FIGURE 8-13. FRAME TILT HYDRAULICS

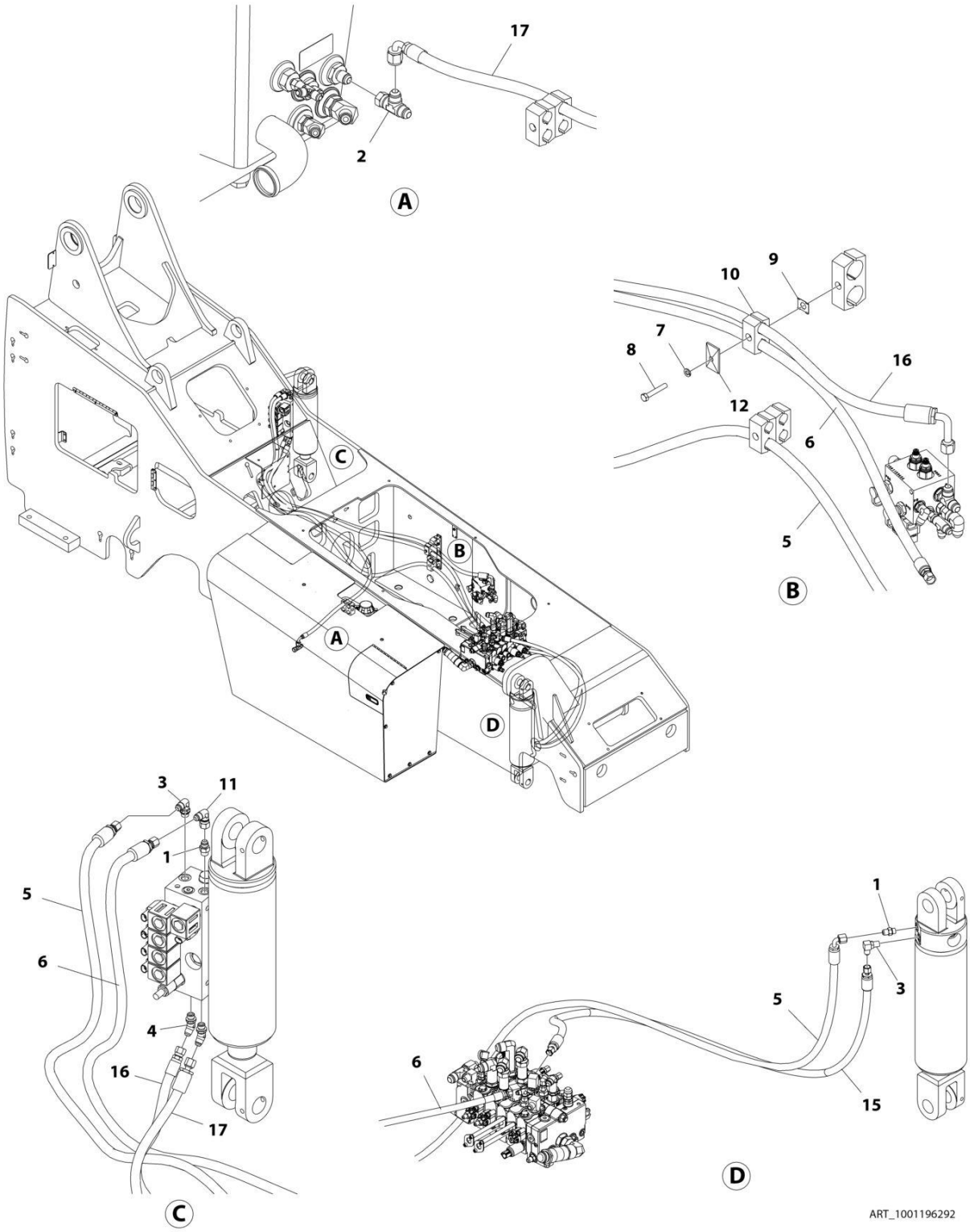

FIGURE 8-13. FRAME TILT HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196292	Ref	FRAME TILT INSTALLATION (6042)	E
1	2220371	2	Adapter, Straight JIC	
2	2220385	1	Adapter, Run Tee	
3	2220473	2	Adapter, 90	
4	2220501	2	Adapter, 45	
5	2717019	1	Hose	
6	2717020	1	Hose	
7	8307004	1	Washer 5/16	
8	8310009	1	Bolt 5/16 x 2	
9	8750017	1	Plate, Twin Clamp Locking	
10	8750027	1	Clamp Set, Twin	
11	8760268	1	Adapter, 90	
12	8769128	1	Cover Plate, Twin	
15	1001254107	1	Hose	
16	1001196646	1	Hose	
17	1001212057	1	Hose	

FIGURE 8-14. FORK HYDRAULICS (MAIN VALVE TO BOOM)

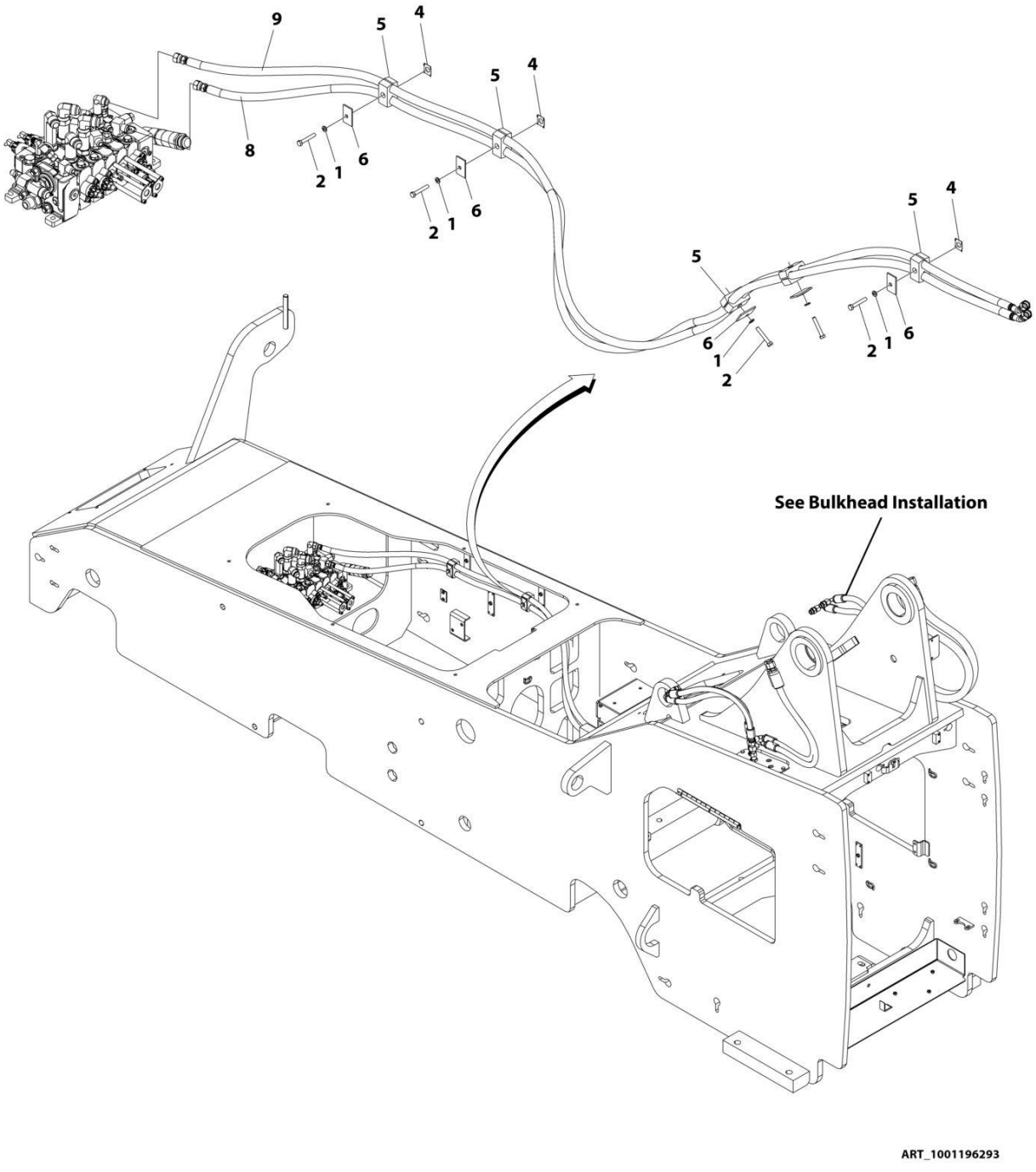

FIGURE 8-14. FORK HYDRAULICS (MAIN VALVE TO BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196293	Ref	HYDRAULIC FORK PLUMBING INSTALLATION	H
1	8307004	5	Washer 5/16	
2	8310009	5	Bolt 5/16 x 2	
4	8750017	3	Plate, Twin Clamp Locking	
5	8750027	5	Clamp Set, Twin	
6	8769128	5	Cover Plate, Twin	
8	1001254088	1	Hose	
9	1001254089	1	Hose	

FIGURE 8-15. HYDRAULIC OIL COOLER HYDRAULICS

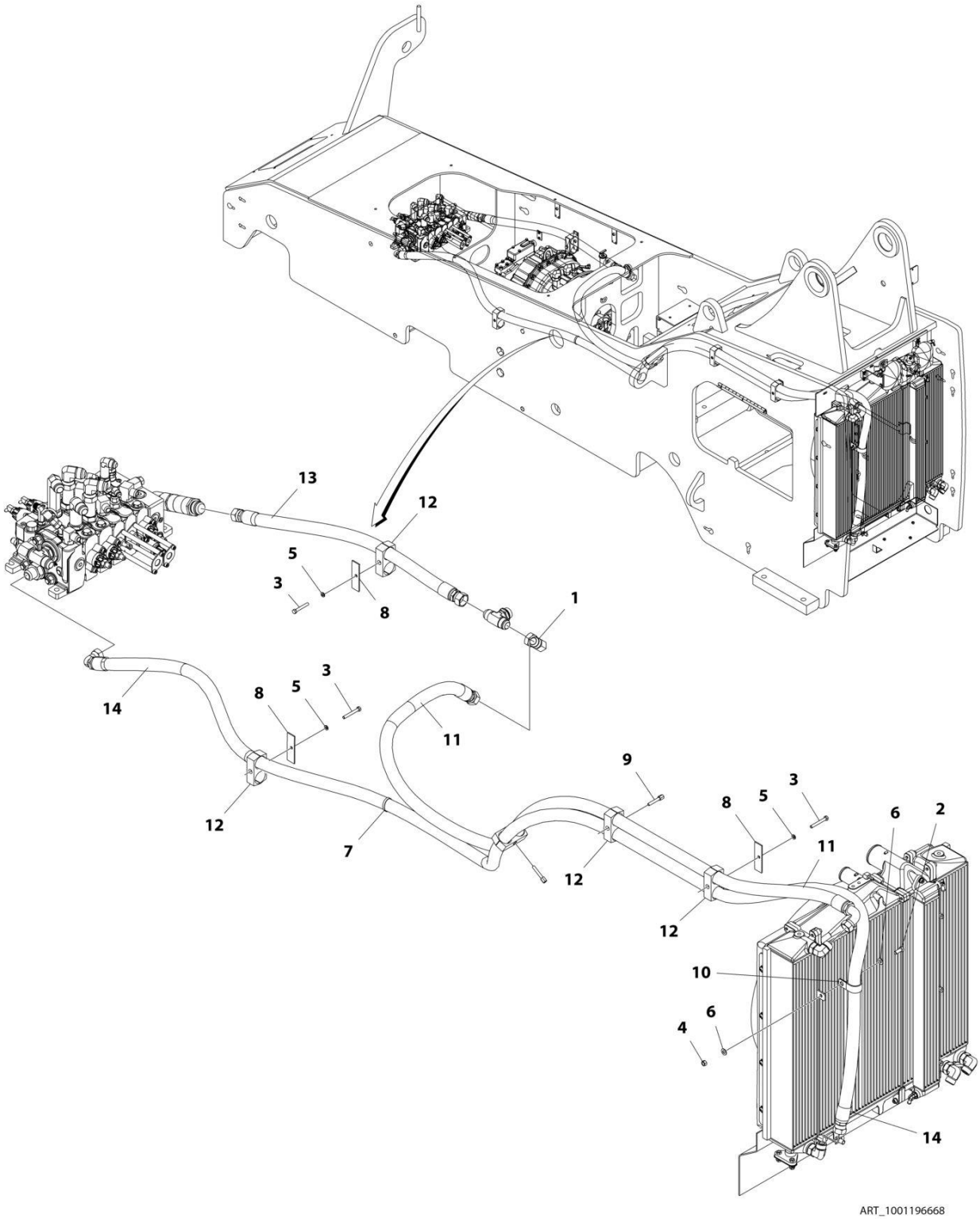

FIGURE 8-15. HYDRAULIC OIL COOLER HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196668	Ref	HYDRAULIC COOLER PLUMBING INSTALLATION,	E
1	2220878	1	Adapter, 90	
2	8303620	1	Bolt 3/8 x 1	
3	8303757	3	Bolt 5/16 x 2-1/2	
4	8305008	1	Nut 3/8	
5	8307004	3	Washer 5/16	
6	8307110	2	Washer 3/8	
7	8584007	AR	Wrap, Tie	
8	8750025	3	Cover Plate, Twin	
9	8750026	2	Bolt, Stacking	
10	85841150	1	Clamp, Support	
11	1001192015	1	Hose	
12	1001196109	5	Clamp Set, Twin	
13	1001196669	1	Hose	
14	1001196671	1	Hose	

FIGURE 8-16. HYDRAULIC PUMP INSTALLATION

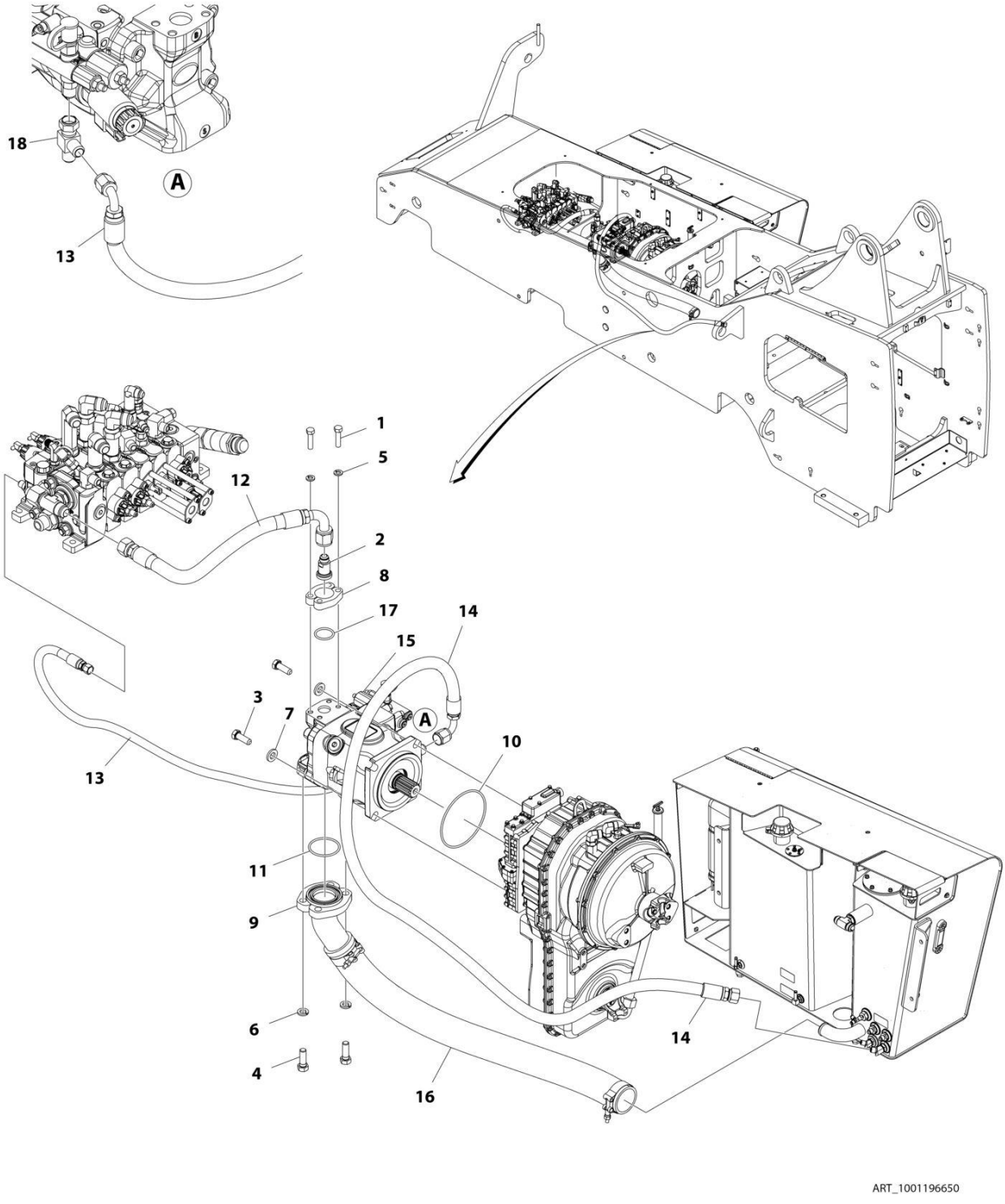

FIGURE 8-16. HYDRAULIC PUMP INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196650	Ref	HYDRAULIC PUMP INSTALLATION	H
1	0641612	4	Bolt 3/8 x 1-1/2	
2	1001213118	1	Adapter, 90	
3	8303519	4	Bolt M12 x 35	
4	8303626	4	Bolt 1/2 x 1-1/2	
5	8307005	4	Washer 3/8	
6	8307007	4	Washer 1/2	
7	8310356	4	Washer M12	
8	8530030	2	Flange Half	
9	8546407	2	Flange Half	
10	8630019	1	O-Ring	
11	8640208	1	O-Ring	
12	1001254104	1	Hose	
13	1001254105	1	Hose	
14	1001196649	1	Hose	
15	1001251426	1	Installation, Piston Pump (See Separate Breakdown in this Section)	
16	1001227508	1	Hose	
17	8640123	1	O-Ring	
18	2220635	1	Fitting	

FIGURE 8-17. LIFT CYLINDER HYDRAULICS

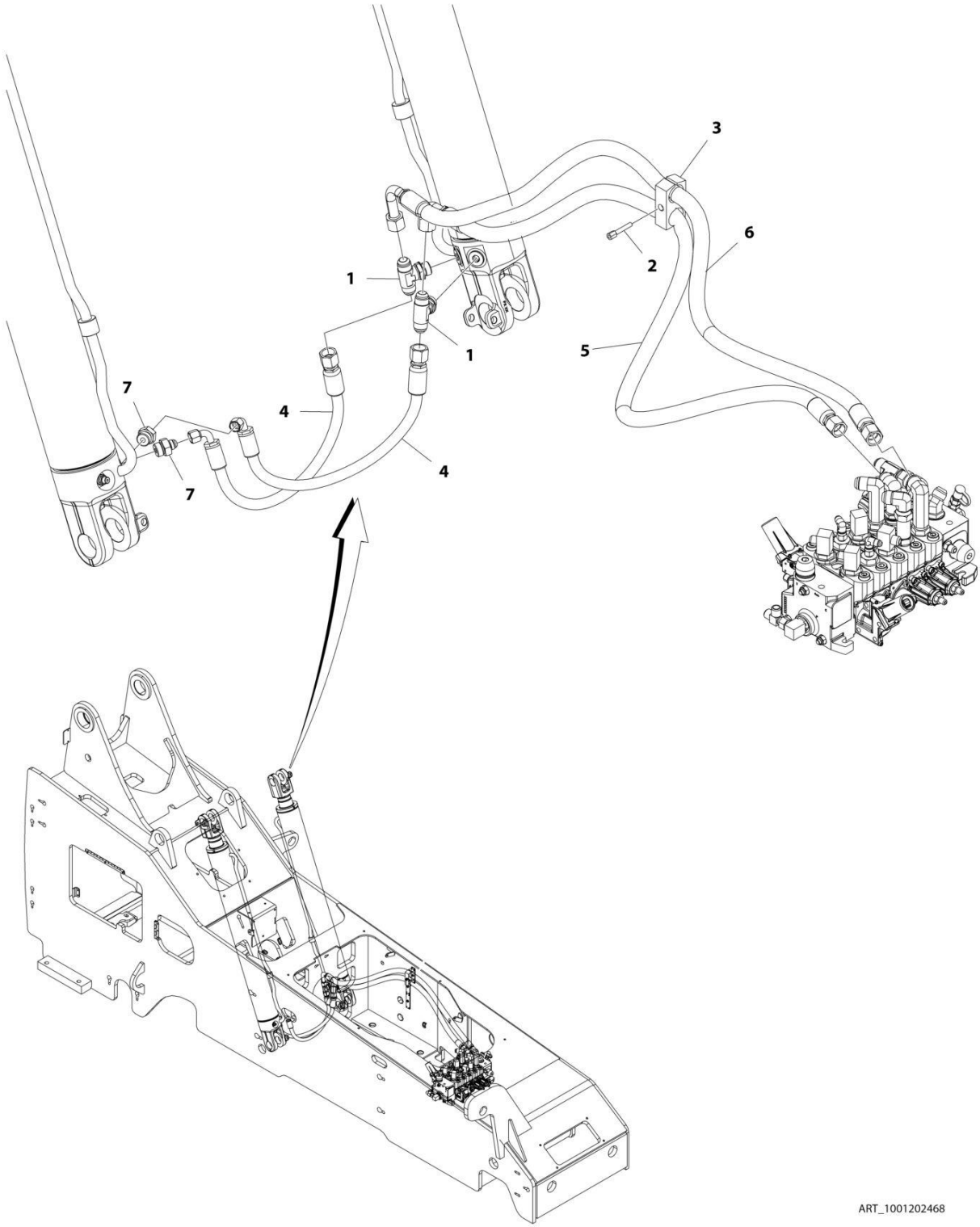

FIGURE 8-17. LIFT CYLINDER HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202468	Ref	HYDRAULIC FRAME CYLINDERS INSTALLATION	D
1	2220695	2	Adapter, Branch Tee	
2	8750026	1	Bolt, Stacking	
3	8750040	1	Clamp Set, Twin	
4	2716675	2	Hose	
5	1001254108	1	Hose	
6	1001254109	1	Hose	
7	2220375	2	Adapter, Straight	

FIGURE 8-18. MAIN CONTROL & FITTINGS ASSEMBLY

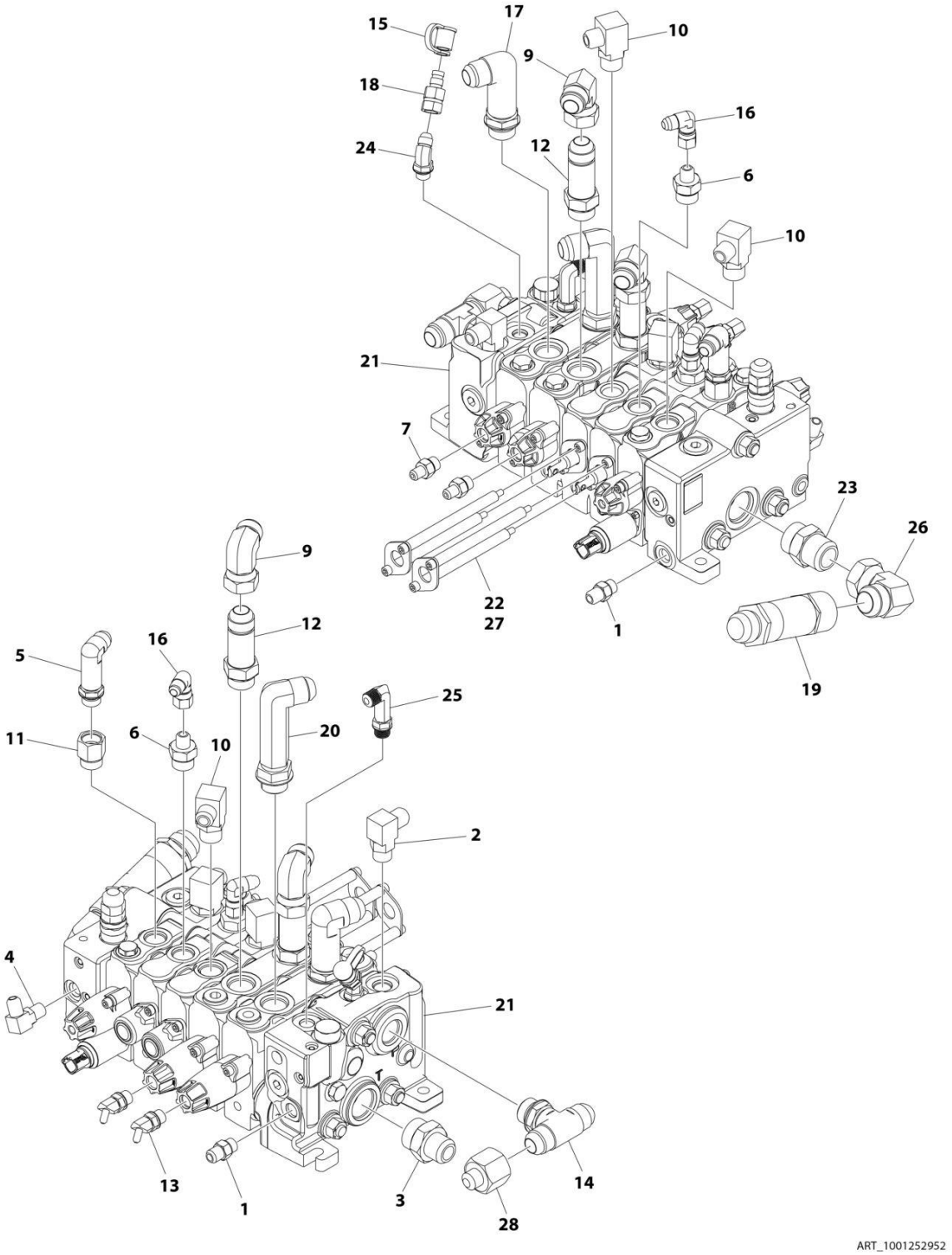

FIGURE 8-18. MAIN CONTROL & FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001252952	Ref	VALVE ASSEMBLY, 85HP	D
1	2220371	2	Adapter, Straight	
2	2220596	1	Adapter, 90	
3	2220435	1	Adapter, Straight	
4	2220473	1	Adapter, 90	
5	2220474	1	Adapter, 90	
6	2220497	2	Adapter	
7	2220582	2	Adapter, Straight	
9	2220655	2	Adapter, 90	
10	2220671	3	Adapter, 90	
11	2220810	1	Adapter, Straight	
12	2220974	2	Adapter, Long Straight	
13	2221040	2	Adapter, 45	
14	2220695	1	Adapter, Branch Tee	
15	8430032	1	Cap, Dust	
16	8760268	2	Adapter, 90	
17	8770157	1	Adapter, 90	
18	8430046	1	Adapter, Diagnostic	
19	1001174375	1	Valve, Check	
20	1001181576	1	Adapter, 90	
21	1001242925	1	Valve, Main Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
22	0100011	AR	Compound, Locking	
23	2220377	1	Adapter	
24	2220501	1	Adapter, 45	
25	2220819	1	Adapter, 90	
26	2220878	1	Adapter, 90	
27	1001254386	2	Mount, Cable Control	
28	2220622	1	Reducer	

FIGURE 8-19. MAIN CONTROL VALVE INSTALLATION

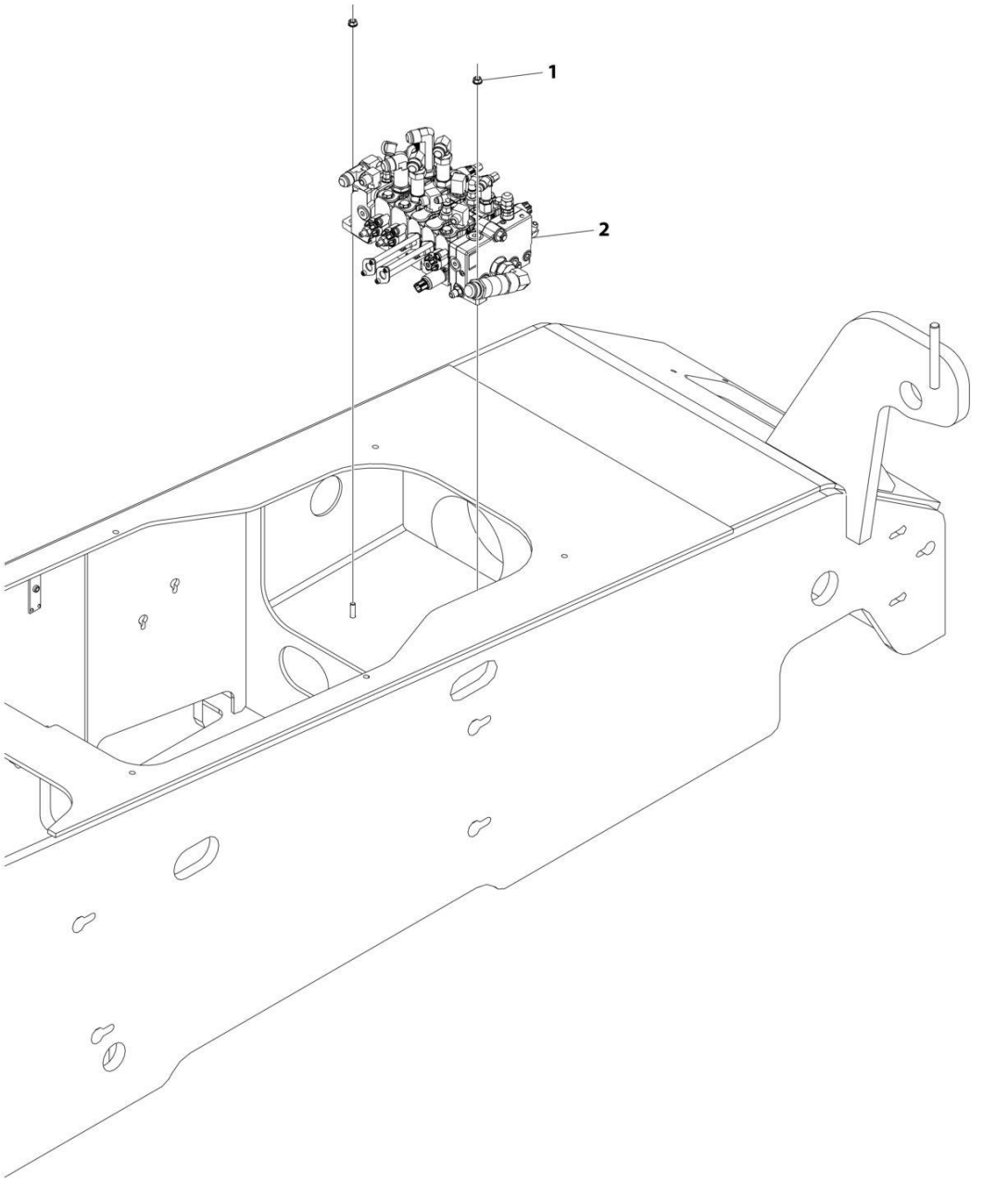

FIGURE 8-19. MAIN CONTROL VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196290	Ref	MAIN CONTROL VALVE INSTALLATION, 74HP	D
1	8310522	3	Nut 3/8	
2	1001252952	1	Assembly, Valve (See Separate Breakdown in this Section)	

FIGURE 8-20. PILOT CONTROL VALVE AND FITTINGS ASSEMBLY

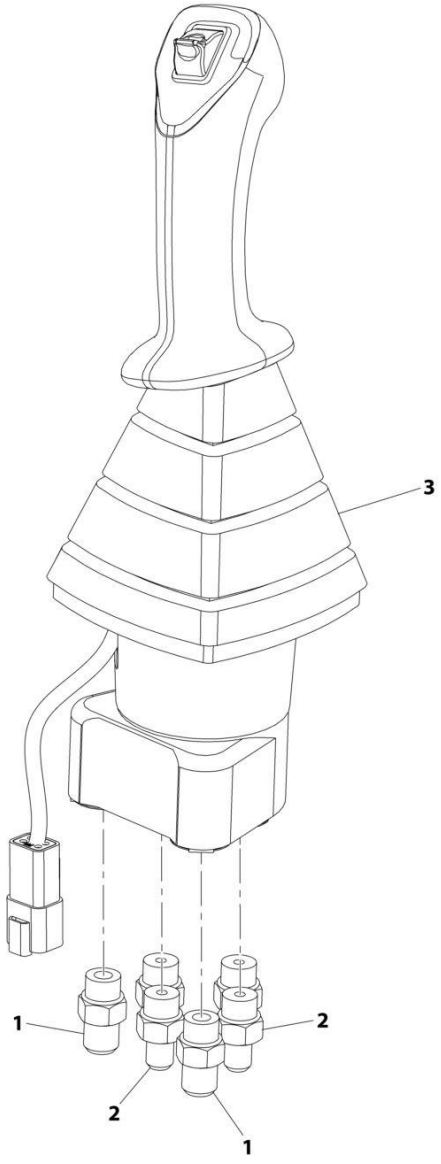

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FIGURE 8-20. PILOT CONTROL VALVE AND FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158004	Ref	Pilot Joystick & Fitting Assembly	B
1	2220371	2	Adapter, Straight JIC	
2	2220582	4	Adapter, Straight JIC	
3	1001158002	1	Control & Fittings Assembly - Pilot Joystick (See Separate Breakdown in CONTROLS Section)	

FIGURE 8-21. PILOT CONTROL VALVE HYDRAULICS

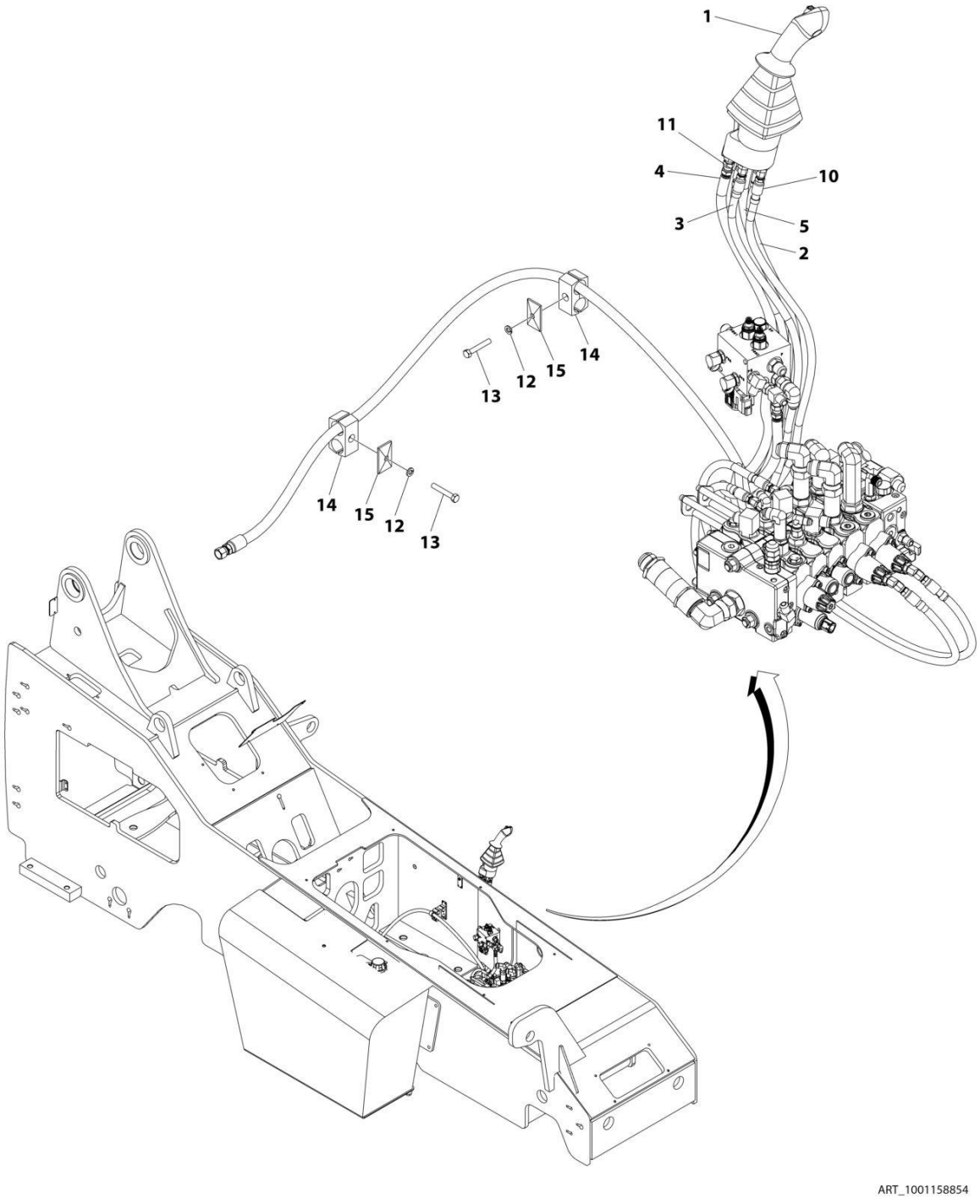


FIGURE 8-21. PILOT CONTROL VALVE HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158854	Ref	PILOT CONTROLS INSTALLATION	H
1	1001158004	1	Assembly, Pilot Joystick (See Separate Breakdown in this Section)	
2	1001254096	1	Hose	
3	1001254094	1	Hose	
4	1001254099	1	Hose	
5	1001254098	1	Hose	
10	1001254097	1	Hose	
11	1001254095	1	Hose	
12	8307004	2	Washer 5/16	
13	8310009	2	Bolt 5/16 x 2	
14	8769127	2	Clamp	
15	8769128	2	Plate, Cover	

FIGURE 8-22. PISTON PUMP AND FITTINGS ASSEMBLY

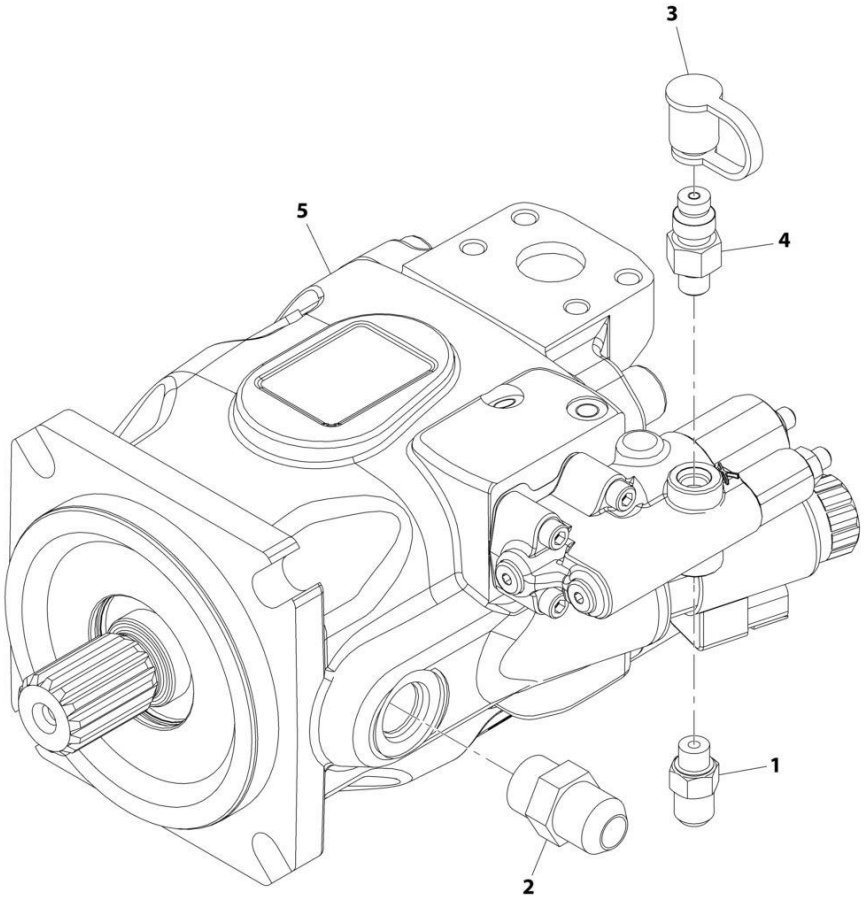


FIGURE 8-22. PISTON PUMP AND FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251426	Ref	Piston Pump Installation	A
1	2220603	1	Adapter, Straight	
2	2220947	1	Adapter, Straight	
3	8430032	1	Cap Dust	
4	8430033	1	Adapter	
5	1001251423	1	Pump, Piston (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-23. REAR BULKHEAD TO COMPENSATION CYLINDERS HYDRAULICS

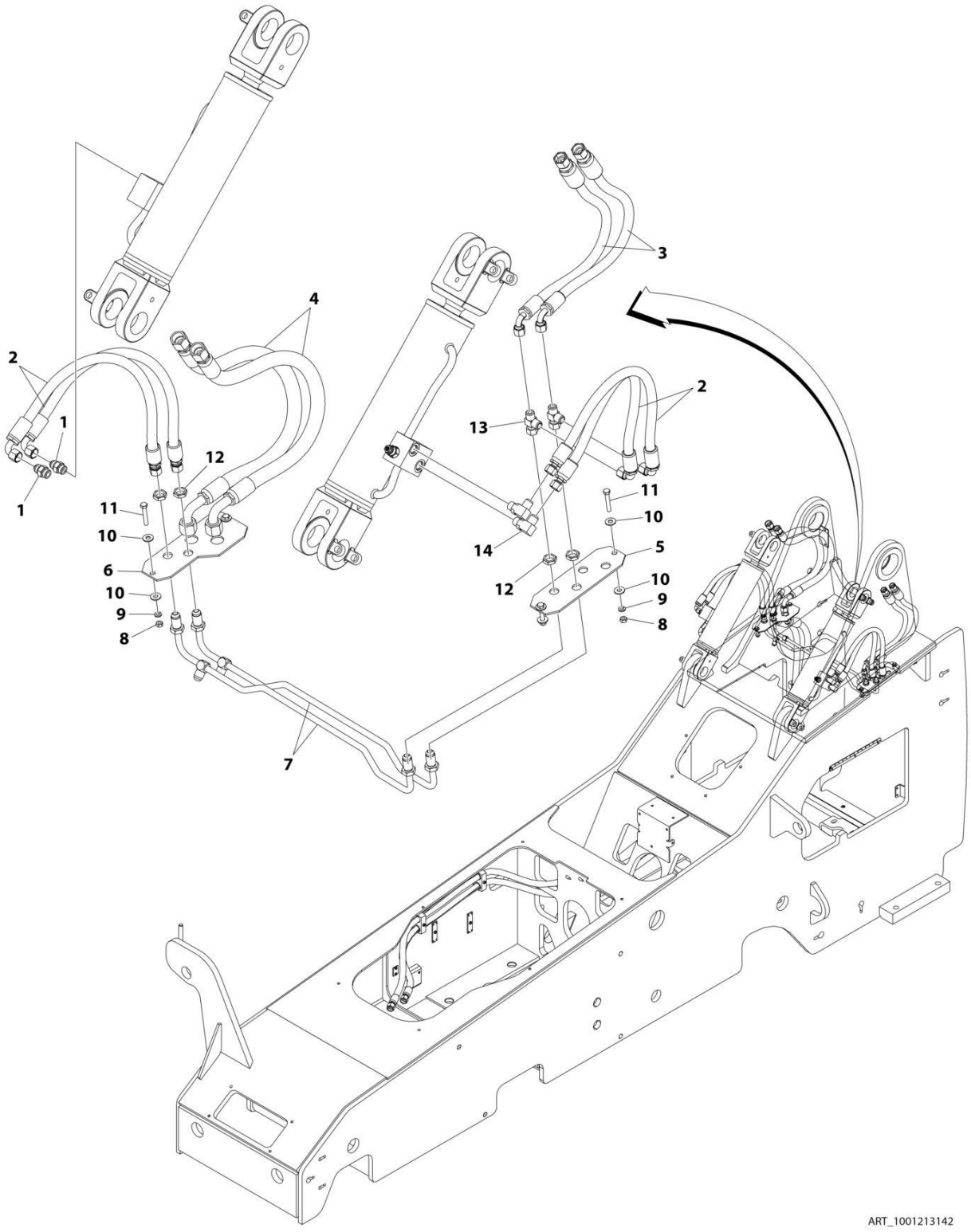


FIGURE 8-23. REAR BULKHEAD TO COMPENSATION CYLINDERS HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001213142	Ref	REAR BULKHEAD INSTALLATION 74HP	E
1	2220373	2	Adapter, Straight JIC	
2	2716684	4	Hose	
3	2716714	2	Hose, Boom	
4	2755060	2	Hose	
5	7139504	1	Sheet, Bulkhead	
6	7139505	1	Sheet, Bulkhead	
7	1001257571	2	Tube	
8	8305006	4	Nut 5/16	
9	8307004	4	Washer 5/16	
10	8307203	8	Washer 5/16	
11	8310009	4	Bolt 5/16 x 2	
12	8760463	2	Adapter, Bulkhead Nut	
13	2220385	2	Adapter, Bulkhead Run Tee	
14	2220596	2	Adapter, 90	

FIGURE 8-24. SECONDARY VALVE & FITTINGS ASSEMBLY

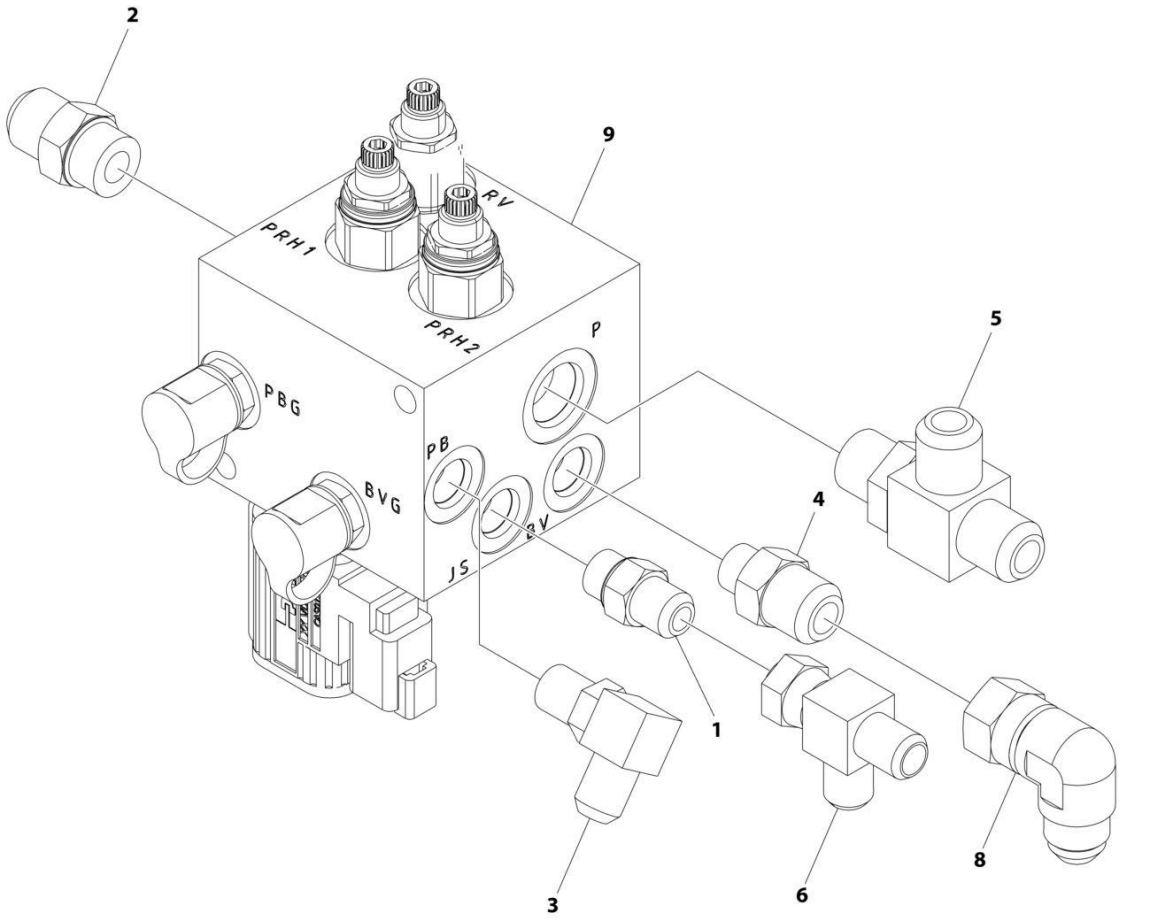


FIGURE 8-24. SECONDARY VALVE & FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196294	Ref	SECONDARY VALVE INSTALLATION, 74HP (IF EQUIPPED) (6042)	E
1	2220371	1	Adapter, Straight	
2	2220373	1	Adapter, Straight	
3	2220473	1	Adapter, 90	
4	2220600	1	Adapter, Straight	
5	2220602	1	Adapter, Run Tee	
6	2220635	1	Adapter, Run Tee	
8	8765204	1	Adapter, 90	
9	1001266771	1	Valve, Secondary Control (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	

FIGURE 8-25. STEER VALVE & FITTINGS ASSEMBLY

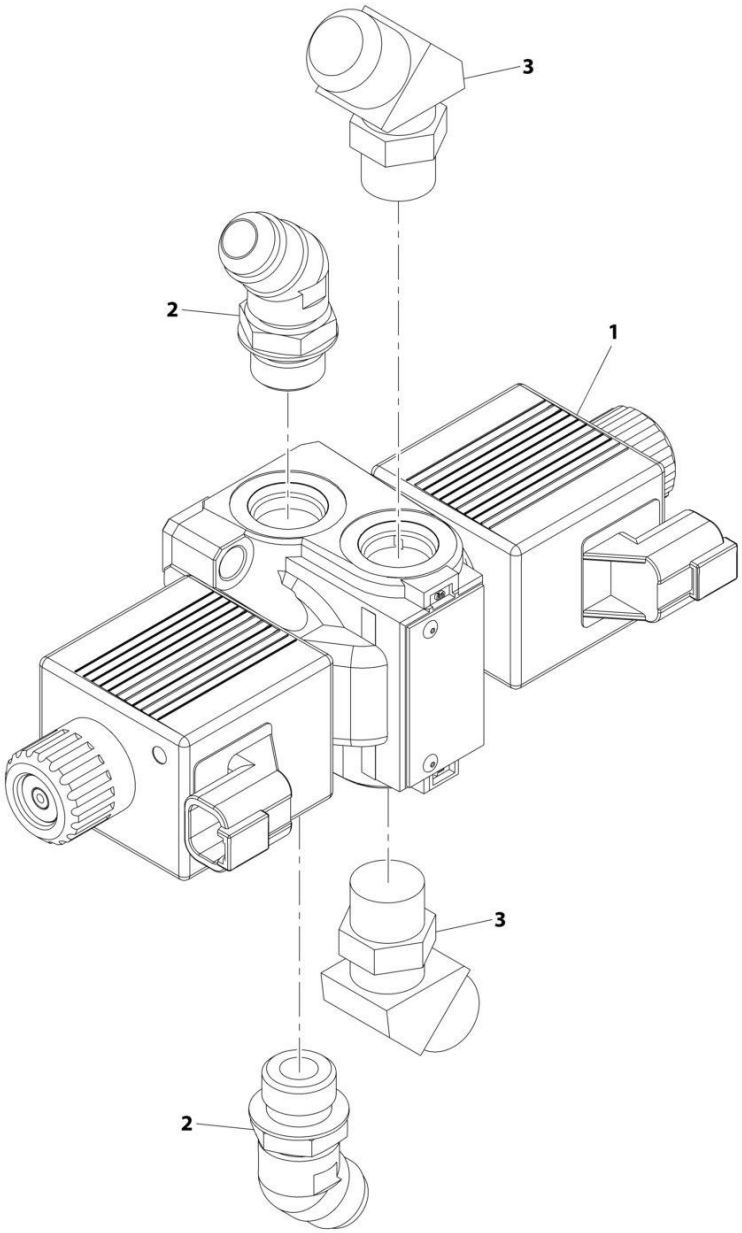


FIGURE 8-25. STEER VALVE & FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228677	Ref	Steer Select Valve Assembly	A
1	1001153748	1	Valve, Steer Select (See Separate Breakdown in HYDRAULIC COMPONENTS Section)	
2	2220500	2	Adapter, 45	
3	2220950	2	Adapter, 45	

FIGURE 8-26. STEER/SECONDARY VALVES HYDRAULICS

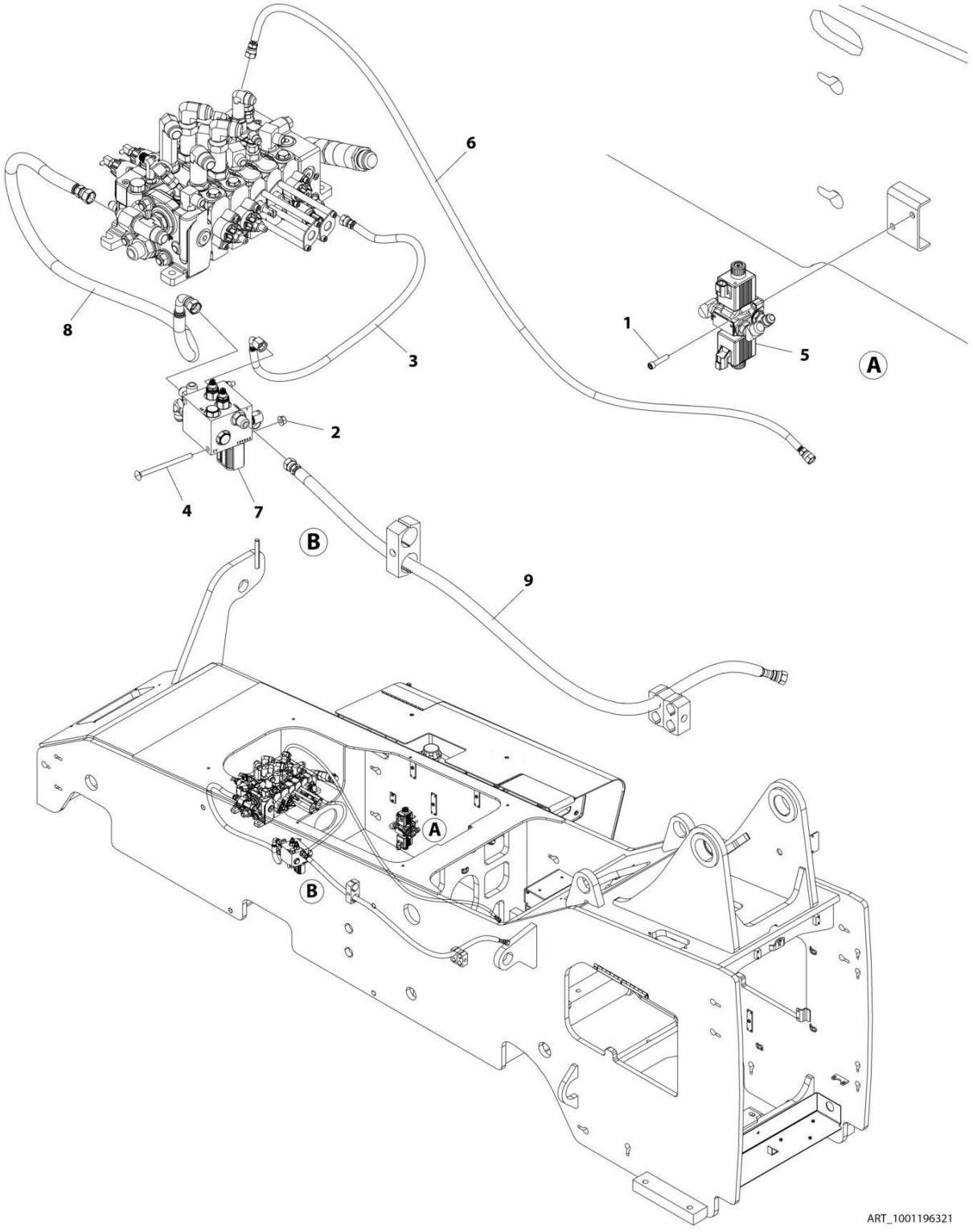


FIGURE 8-26. STEER/SECONDARY VALVES HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196321	Ref	HYDRAULIC VALVES INSTALLATION (6042)	F
1	8304608	2	Screw 5/16 x 1-1/2	
2	8310420	2	Nut 5/16	
3	1001254090	1	Hose	
4	1001163685	2	Bolt 5/16 x 4-1/2	
5		Ref	Assembly, Steer Select Valve (See Separate Breakdown in this Section)	
6	1001244302	1	Hose	
7	1001196294	1	Installation, Secondary Valve (See Separate Breakdown in this Section) (6042)	
8	1001254092	1	Hose	
9	1001254093	1	Hose	

FIGURE 8-27. STEERING HYDRAULICS

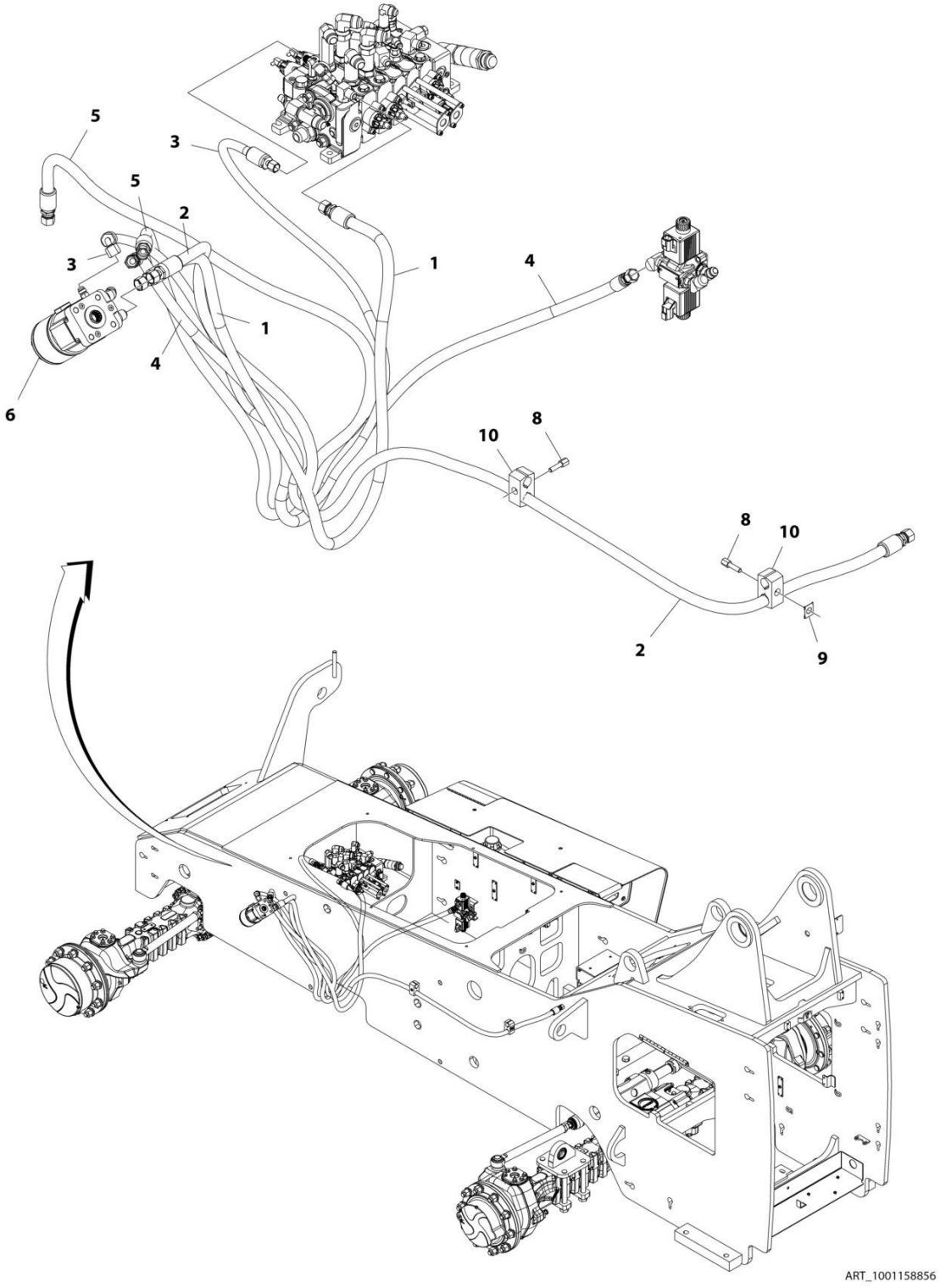


FIGURE 8-27. STEERING HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158856	Ref	STEERING HYDRAULICS INSTALLATION	I
1	1001254100	1	Hose	
2	1001158266	1	Hose	
3	1001254101	1	Hose	
4	1001173230	1	Hose	
5	1001158337	1	Hose	
6	1001158528	1	Installation, Steering Valve (See Separate Breakdown in this Section)	
8	8750012	2	Bolt, Stacking	
9	8750017	1	Plate, Twin Clamp Locking	
10	8750027	2	Clamp Set, Twin	

FIGURE 8-28. STEERING VALVE AND FITTINGS ASSEMBLY

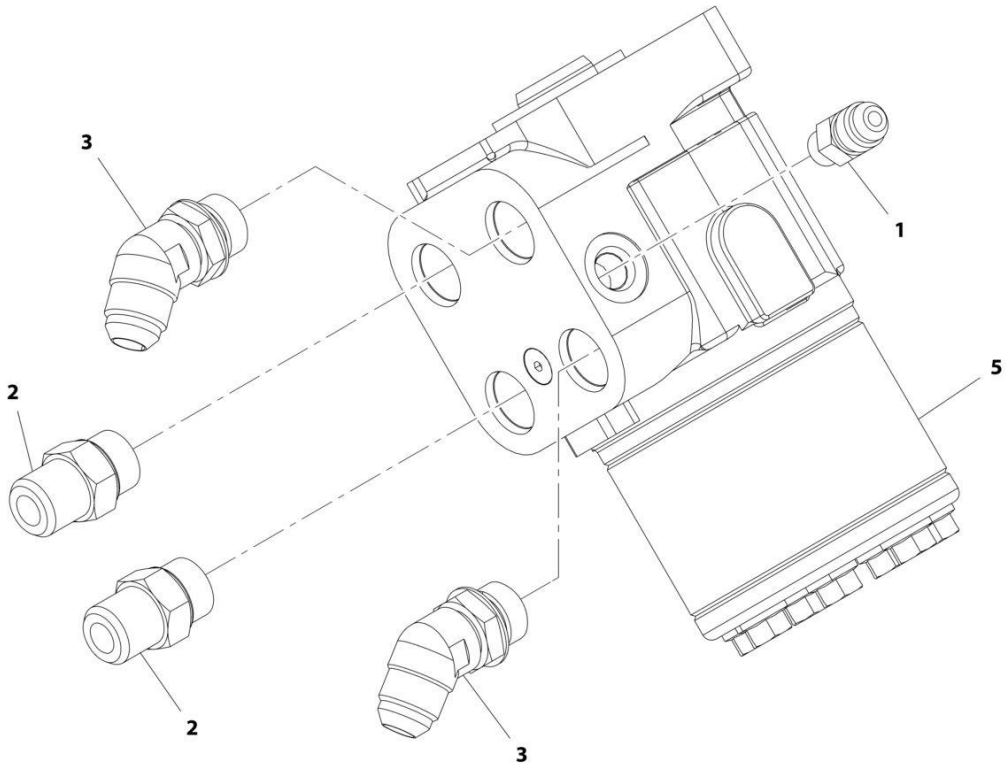


FIGURE 8-28. STEERING VALVE AND FITTINGS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158528	1	Steering Valve & Fitting Assembly	C
1	2220603	1	Adapter, Straight JIC	
2	2220373	2	Adapter, Straight JIC	
3	2220500	2	Adapter, 45 JIC	
5	1001158527	1	Valve, Steering	
5	70026401	1	Seal Kit - Steering Valve	

FIGURE 8-29. TRANSMISSION COOLER HYDRAULICS

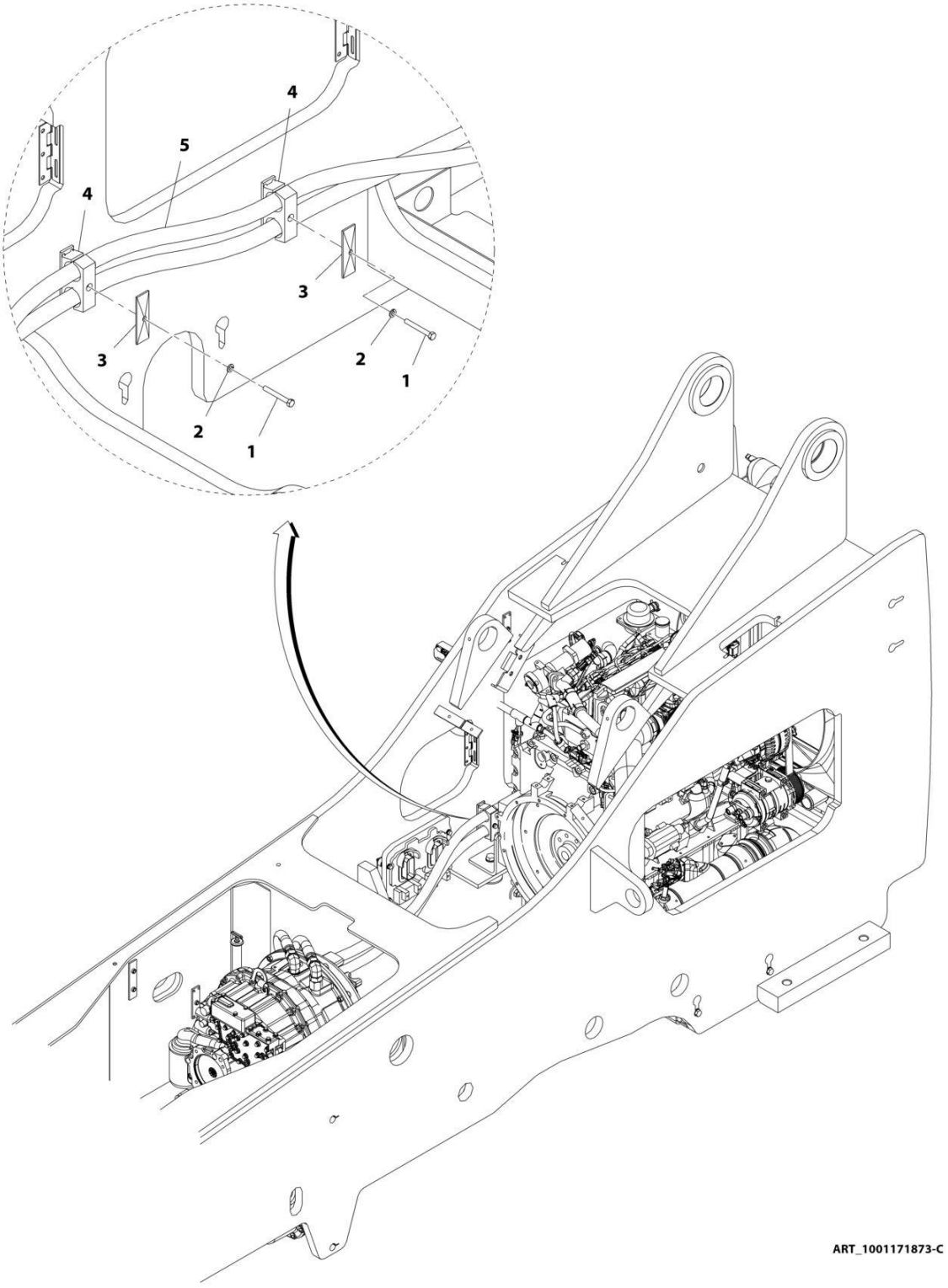


FIGURE 8-29. TRANSMISSION COOLER HYDRAULICS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171873	Ref	Hydraulic Transmission Cooler Plumbing Installation	C
1	8303757	2	Bolt, 5/16X2-1/2	
2	8307004	2	Washer, Lock 5/16	
3	8750025	2	Cover Plate, Twin	
4	8750040	2	Clamp Set, Twin	
5	1001171986	2	Hose	

SECTION 9 - HYDRAULIC COMPONENTS

FIGURE 9-1. CYLINDER INSTALLATION

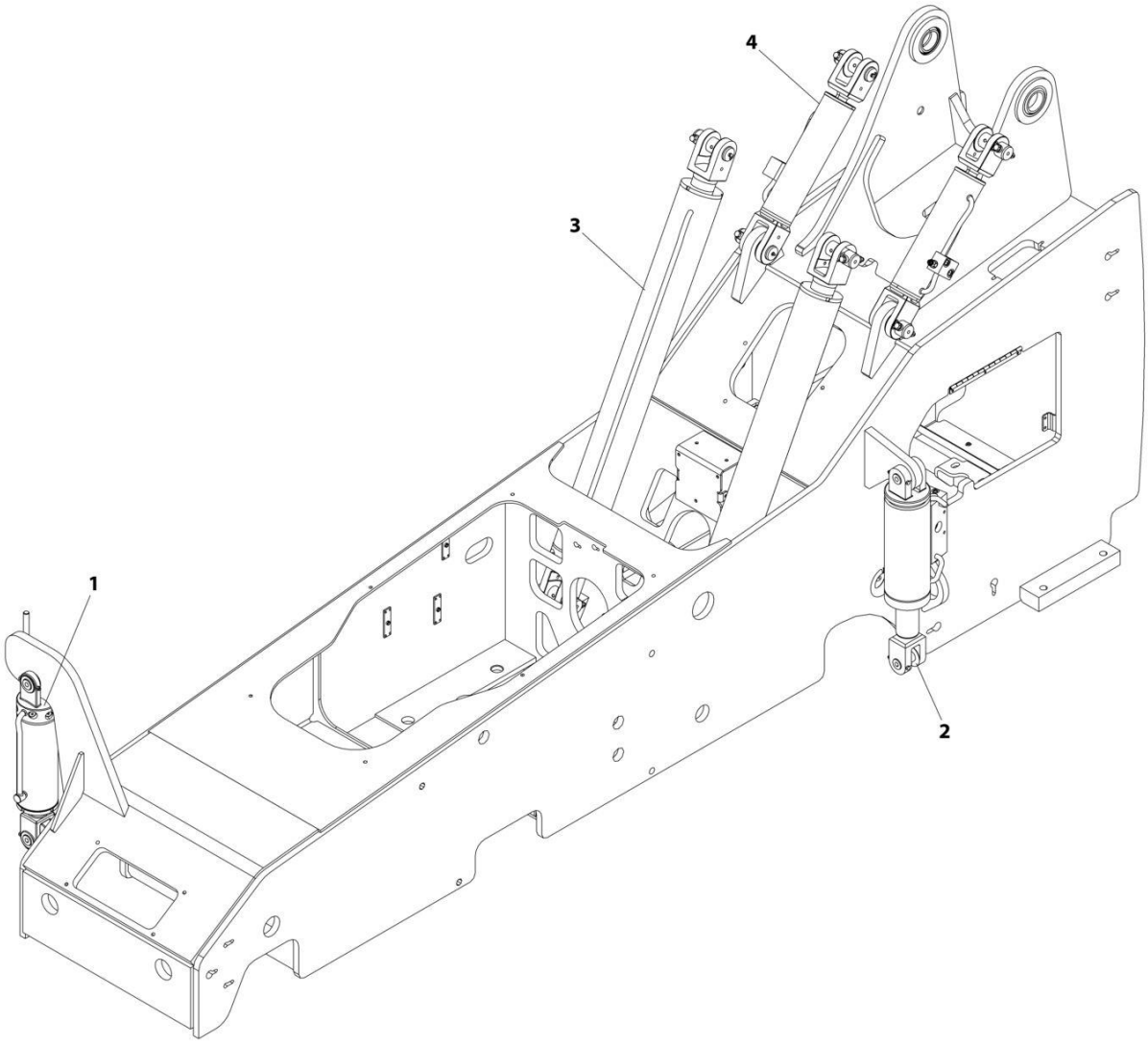


FIGURE 9-1. CYLINDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001209665	Ref	CYLINDER KIT (ULS)	C
1	1001180762	Ref	Cylinder, Frame Level (See Separate Breakdown in this Section)	
2	2717198	Ref	Cylinder, Stabil-Trak (See Separate Breakdown in this Section)	
3	1001180760	Ref	Cylinder, Lift (See Separate Breakdown in this Section)	
4	1001196110	Ref	Cylinder Compensating (See Separate Breakdown in this Section)	

FIGURE 9-2. CYLINDER - CARRIAGE SIDE SHIFT

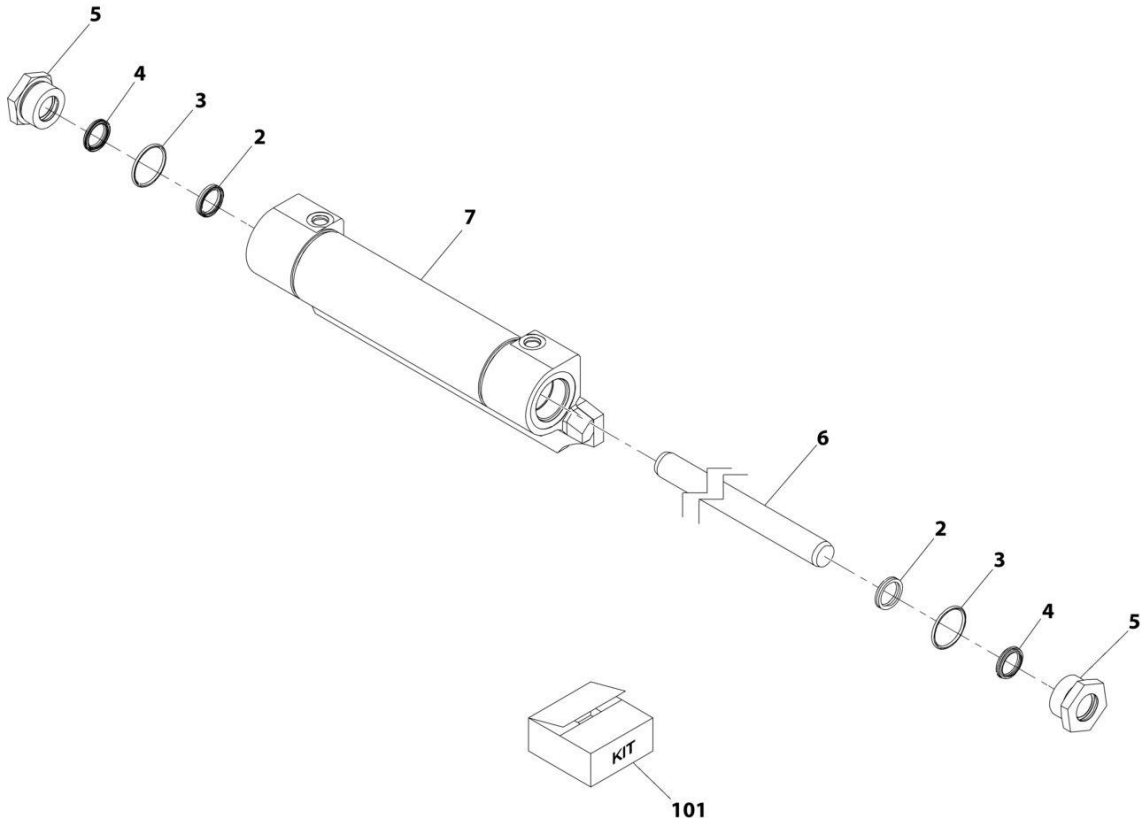


FIGURE 9-2. CYLINDER - CARRIAGE SIDE SHIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70024539	Ref	Side Shift Carriage Cylinder	B
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
2	Kit	NSS	Seal, Rod (Note: Use Item 101)	
3	70024547	2	O-Ring	
4	Kit	NSS	Seal, Rod Wiper (Note: Use Item 101)	
5	70024548	2	Seal, Retainer	
6	N.S.S.	NSS	Rod (Note: Use PN 70024539)	
7	N.S.S.	NSS	Barrel (Note: Use PN 70024539)	
101	70024549	1	Kit, Seal (includes items 2 & 4)	

FIGURE 9-3. CYLINDER - CARRIAGE SIDE TILT

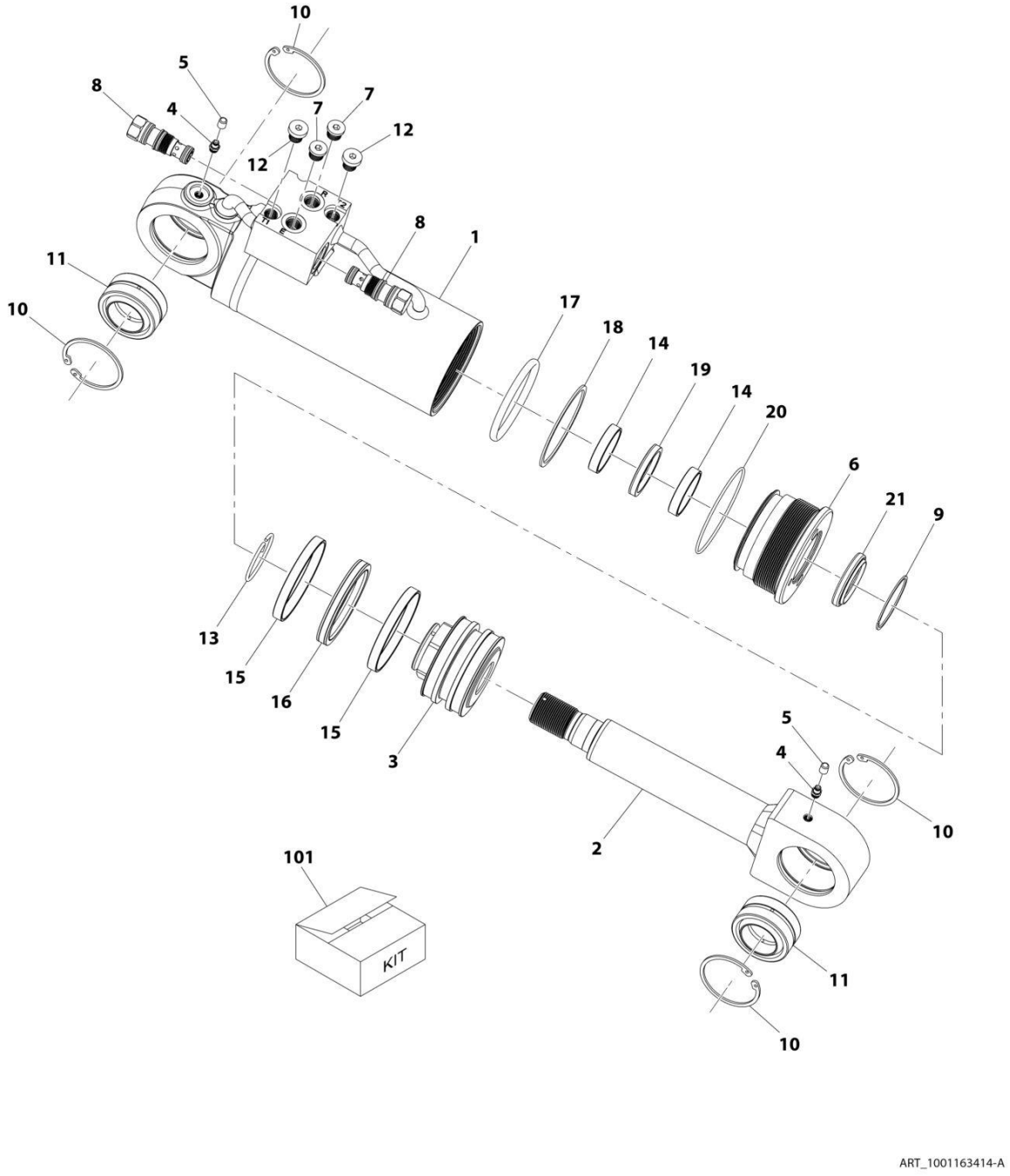


FIGURE 9-3. CYLINDER - CARRIAGE SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163414	Ref	Side Tilt Cylinder	A
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	70026056	1	Barrel	
2	70026057	1	Rod	
3	70026058	1	Piston	
4	70025606	2	Nipple, Grease	
5	70024020	2	Fitting, Grease	
6	70003849	1	Head	
7	70025959	2	Plug	
8	70026059	2	Valve, Check	
9	70002219	1	Ring, Retaining	
10	70026060	4	Ring, Retaining	
11	70026061	2	Bearing	
12	70024262	2	Plug	
13	70002224	1	Ring, Lock	
14	Kit	NSS	Ring, Rod Bearing (Note: Use Item 101)	
15	Kit	NSS	Ring, Piston Bearing (Note: Use Item 101)	
16	Kit	NSS	Seal, Piston (Note: Use Item 101)	
17	Kit	NSS	O-Ring (Note: Use Item 101)	
18	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
19	Kit	NSS	Seal, Rod (Note: Use Item 101)	
20	Kit	NSS	O-Ring (Note: Use Item 101)	
21	Kit	NSS	Seal, Wiper (Note: Use Item 101)	
101	70026062	1	Kit, Seal (includes items 14 thru 21)	

FIGURE 9-4. CYLINDER - CARRIAGE SIDE TILT

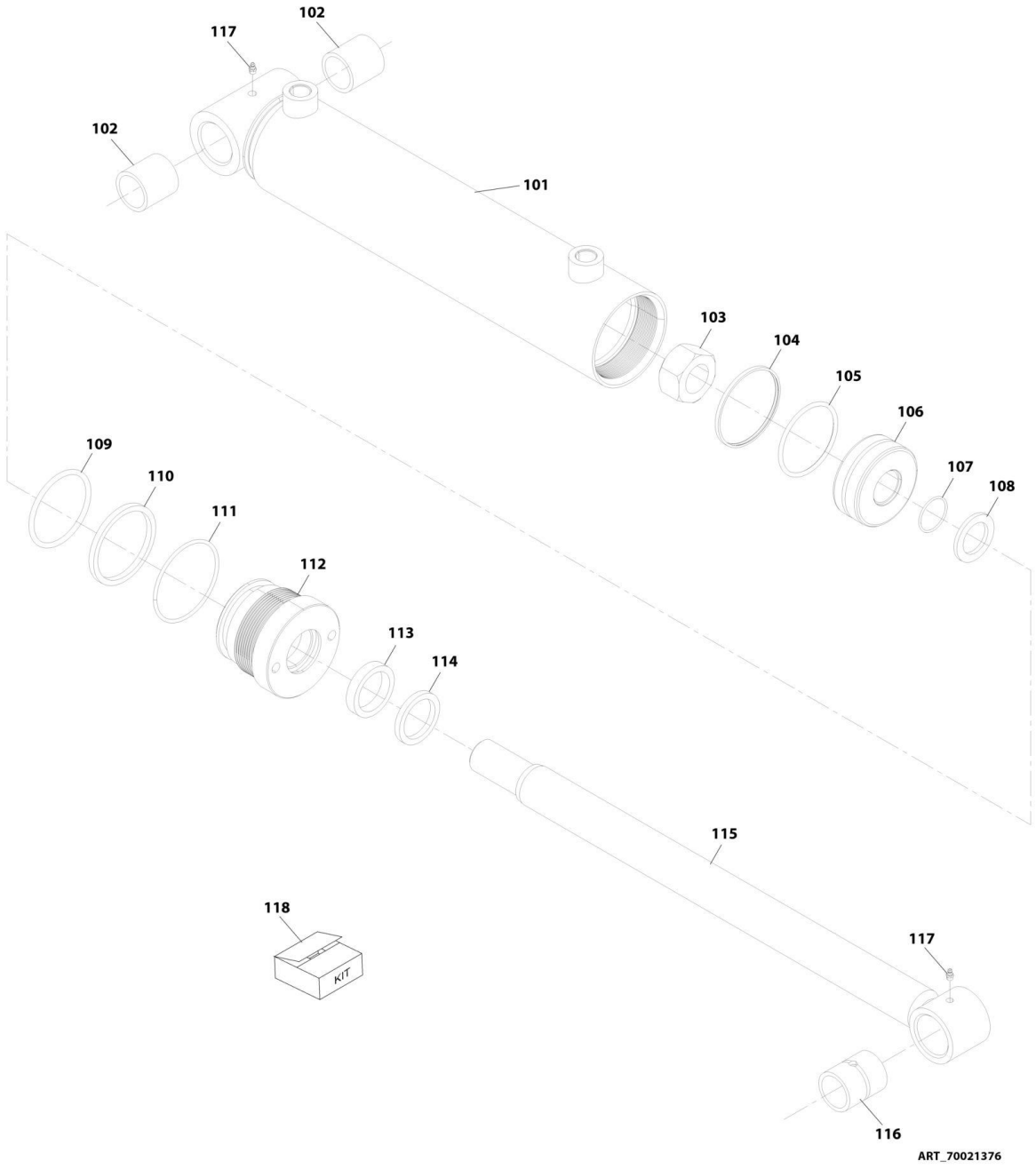


FIGURE 9-4. CYLINDER - CARRIAGE SIDE TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021376	1	Cylinder Assembly, Side Shift Carriage 12K	
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
101	See Note	NSS	Barrel (Note: Use PN 70021376)	
102	70021448	2	Bushing	
103	70021440	1	Nut	
104	See Note	NSS	Ring, Piston (Note Use Item 118)	
105	See Note	NSS	O-Ring (Note: Use Item 118)	
106	70021451	1	Piston	
107	See Note	NSS	O-Ring (Note: Use Item 118)	
108	70021444	1	Spacer, Sheave	
109	See Note	NSS	O-Ring (Note: Use Item 118)	
110	See Note	NSS	Washer, Back-Up (Note: Use Item 118)	
111	See Note	NSS	O-Ring (Note: Use Item 118)	
112	70021446	1	Head	
113	See Note	NSS	Seal (Note: Use Item 118)	
114	See Note	NSS	Wiper, Rod (Note: Use Item 118)	
115	70021445	1	Rod	
116	70021447	1	Bushing	
117	90554045	2	Grease Fitting	
118	70021452	1	Seal Kit, (includes items 104, 105, 107, 109, 110, 111, 113 & 114)	

FIGURE 9-5. CYLINDER - CARRIAGE SWING

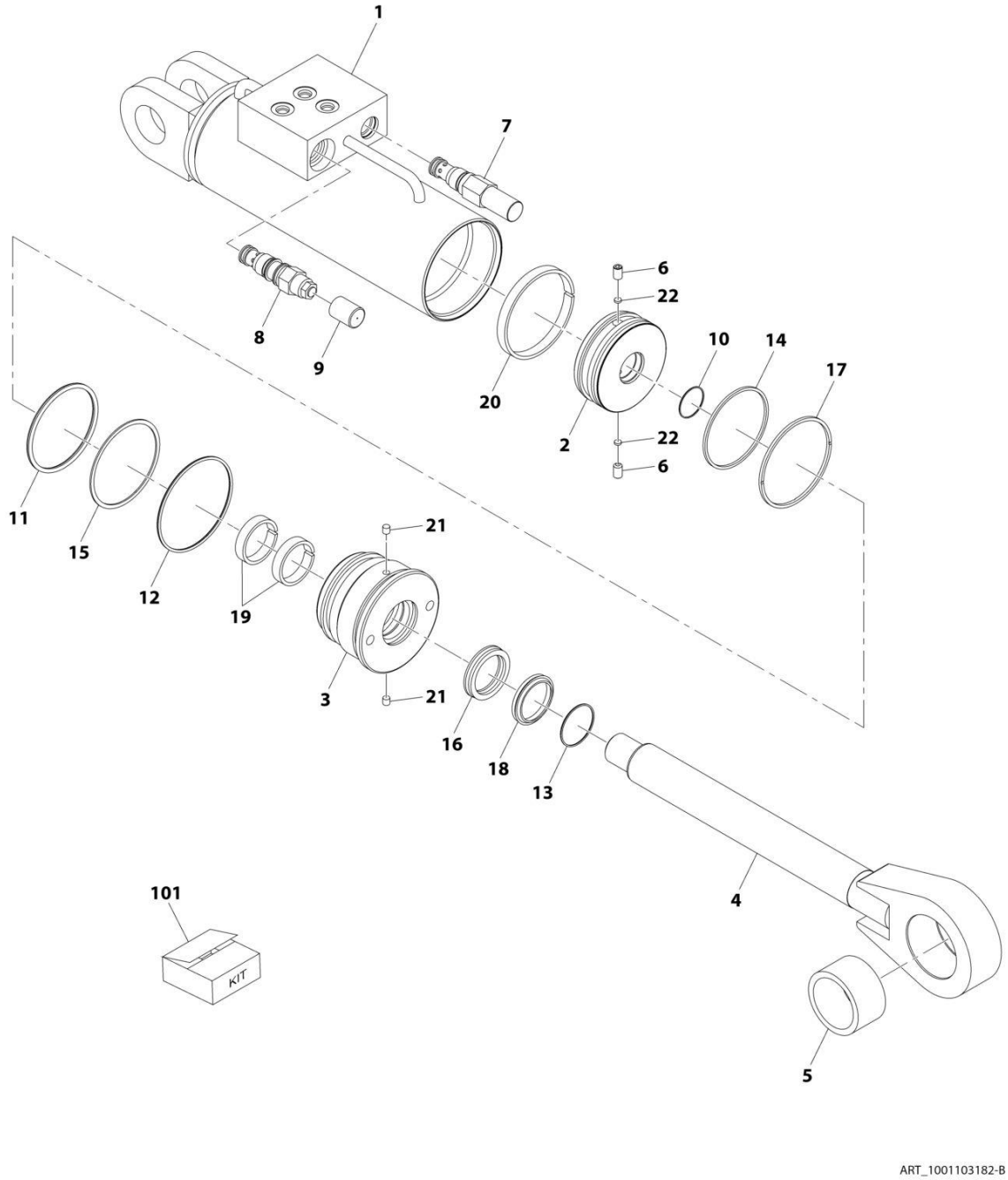


FIGURE 9-5. CYLINDER - CARRIAGE SWING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103182	Ref	Swing Carriage Cylinder	B
1	70022044	1	Barrel	
2	8035863	1	Piston	
3	8035862	1	Head	
4	70022045	1	Rod	
5	70022046	1	Bearing	
6	8035536	2	Setscrew 5/16X1/2	
7	70020428	1	Valve, Relief	
7	7024574	1	Kit, Seal	
8	8033786	1	Valve, Counterbalance	
8	8205655	1	Kit, Seal	
9	70021812	1	Tamper-proof Cap	
10	See Note	NSS	O-Ring (Note: Use Item 101)	
11	See Note	NSS	O-Ring (Note: Use Item 101)	
12	See Note	NSS	O-Ring (Note: Use Item 101)	
13	See Note	NSS	O-Ring (Note: Use Item 101)	
14	See Note	NSS	Ring, Square (Note: Use Item 101)	
15	See Note	NSS	Ring, Backup (Note: Use Item 101)	
16	See Note	NSS	Seal (Note: Use Item 101)	
17	See Note	NSS	Seal, Piston (Note: Use Item 101)	
18	See Note	NSS	Wiper, Rod (Note: Use Item 101)	
19	See Note	NSS	Ring, Wear (Note: Use Item 101)	
20	See Note	NSS	Ring, Wear (Note: Use Item 101)	
21	See Note	NSS	Insert (Note: Use Item 101)	
22	See Note	NSS	Insert (Note: Use Item 101)	
101	2915023	1	Kit, Seal (includes items 11 thru 22)	

FIGURE 9-6. CYLINDER - COMPENSATION

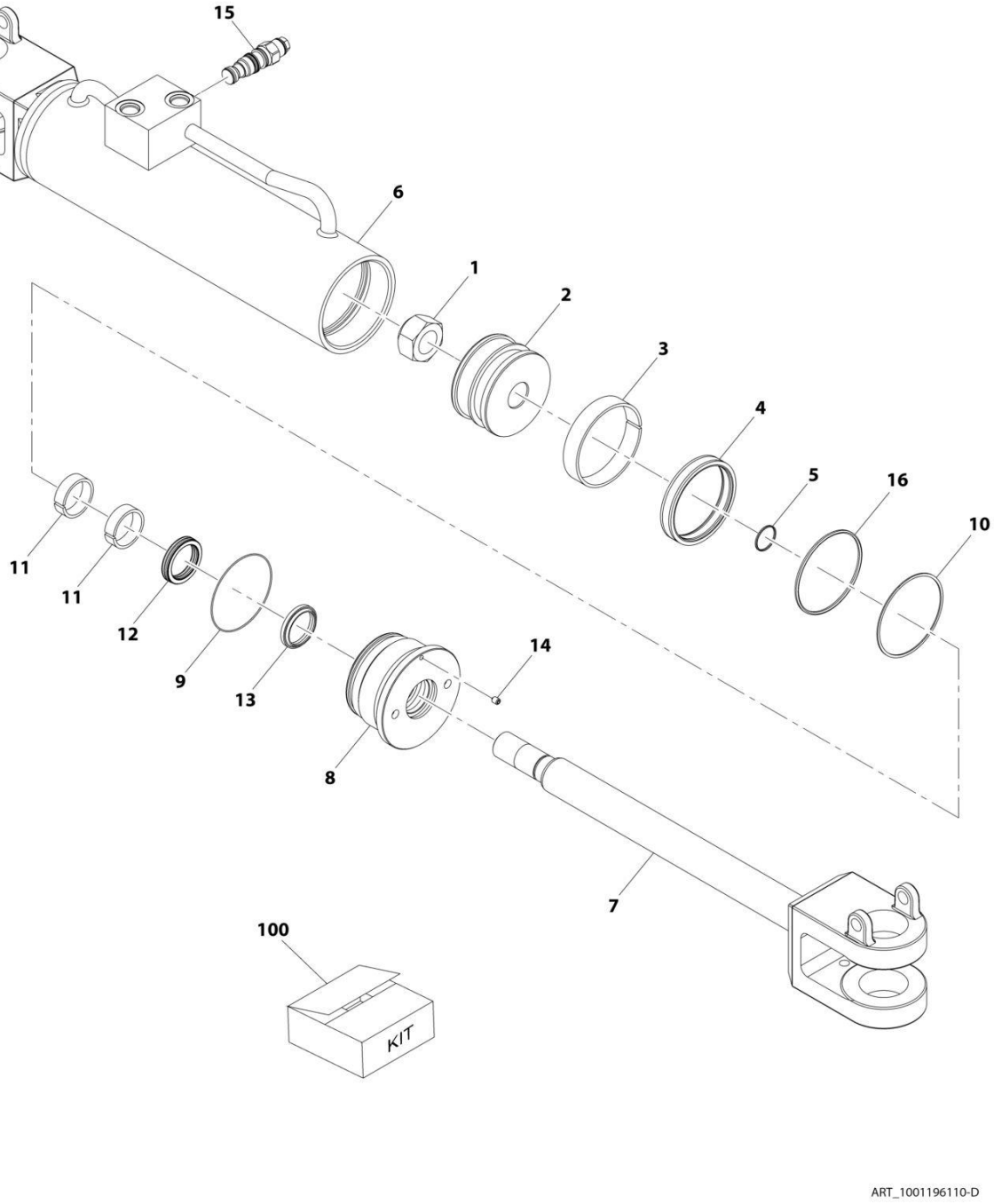


FIGURE 9-6. CYLINDER - COMPENSATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196110	Ref	Compensation Cylinder	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	8036778	1	Nut, Lock	
2	7029247	1	Piston	
3	Kit	NSS	Ring, Wear	
4	Kit	NSS	Seal, Piston	
5	Kit	NSS	O-Ring	
6	N.S.S.	NSS	Barrel (Note Use PN 1001196110)	
7	7029251	1	Rod	
8	70028160	1	Guide, Rod	
9	Kit	NSS	O-Ring	
10	Kit	NSS	Ring, Back-Up	
11	Kit	NSS	Ring, Wear	
12	Kit	NSS	Z-Seal	
13	Kit	NSS	Ring, Wiper	
14	Kit	NSS	Screw	
15	1001232216	1	Valve, Counterbalance	
16	Kit	NSS	O-Ring	
100	70028159	1	Seal Kit (includes items 3, 4, 5, 9 thru 14 & 16)	

FIGURE 9-7. CYLINDER - EXTEND/RETRACT

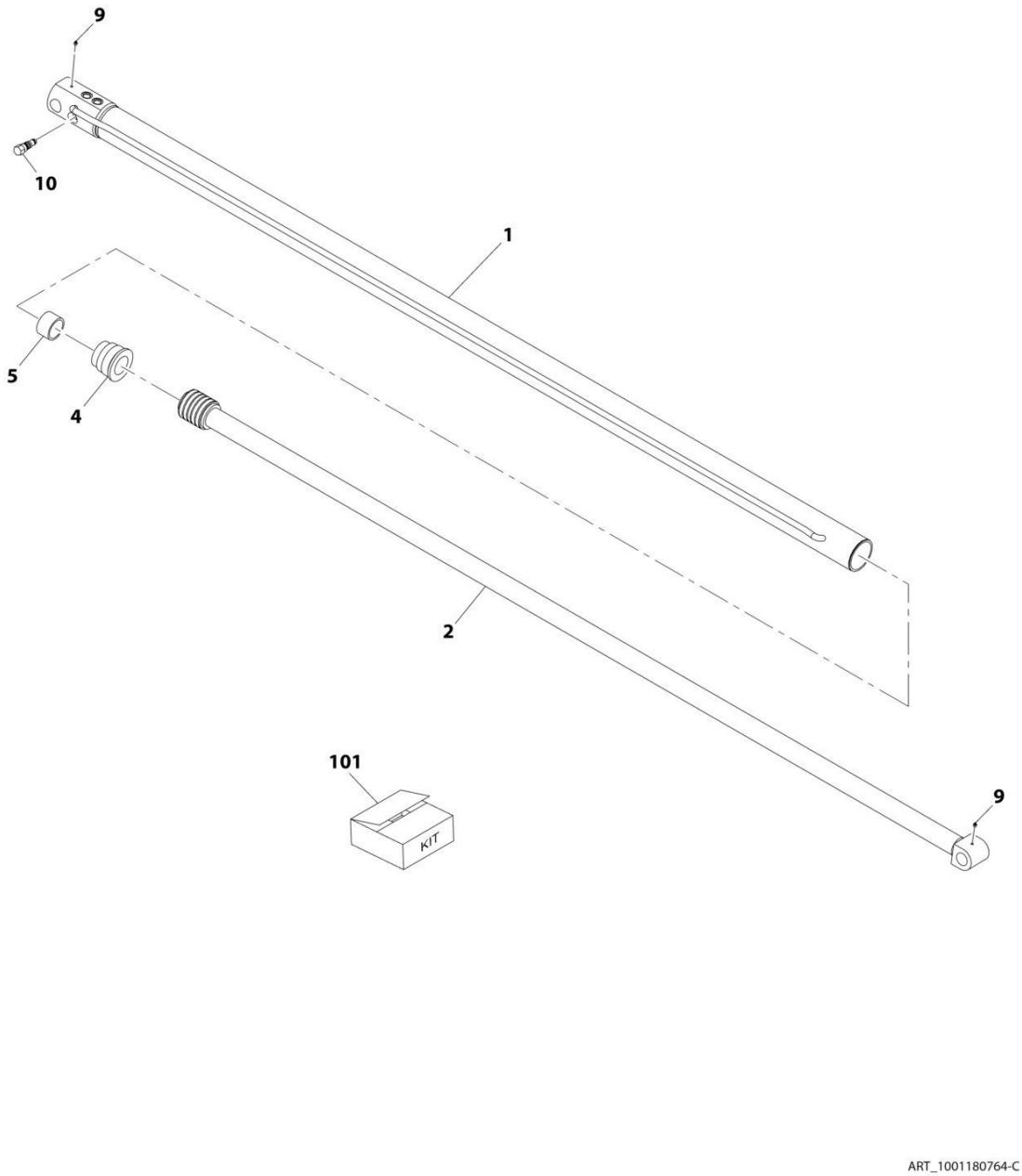


FIGURE 9-7. CYLINDER - EXTEND/RETRACT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180764	Ref	Extend/Retract Cylinder Assembly	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027697	1	Barrel	
2	70027698	1	Rod	
3	70027699	1	Piston	
4	70027700	1	Head	
5	70027701	1	Spacer	
6	N.S.S.	NSS	Plug	
7	2220885	2	Plug	
8	70027702	2	Plug	
9	70022566	1	Fitting, Grease	
10	70028639	1	Valve, Counterbalance	
11	70005847	1	Setscrew	
12	70027703	4	Seal, Piston	
13	Kit	NSS	Ring, Wear (Note: Use Item 101)	
14	Kit	NSS	O-Ring (Note: Use Item 101)	
15	Kit	NSS	Seal, Rod (Note: Use Item 101)	
16	Kit	NSS	Wiper (Note: Use Item 101)	
17	Kit	NSS	Ring, Wear (Note: Use Item 101)	
18	Kit	NSS	O-Ring (Note: Use Item 101)	
19	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
20	Kit	NSS	O-Ring (Note: Use Item 101)	
101	70027704	1	Seal Kit (includes items 13 thru 20)	

FIGURE 9-8. CYLINDER - FORK POSITIONING

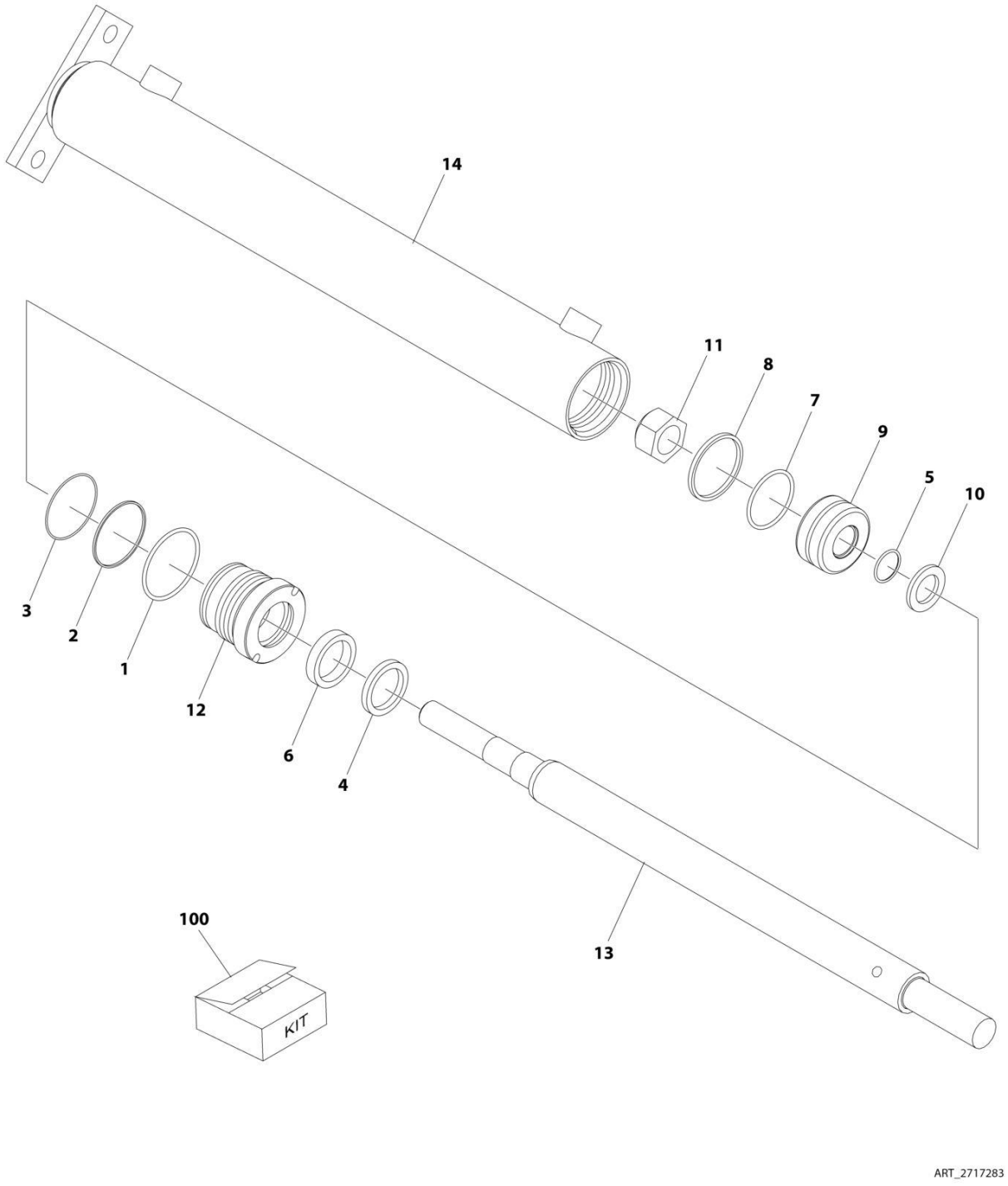


FIGURE 9-8. CYLINDER - FORK POSITIONING

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 9-9. CYLINDER - FORK TILT

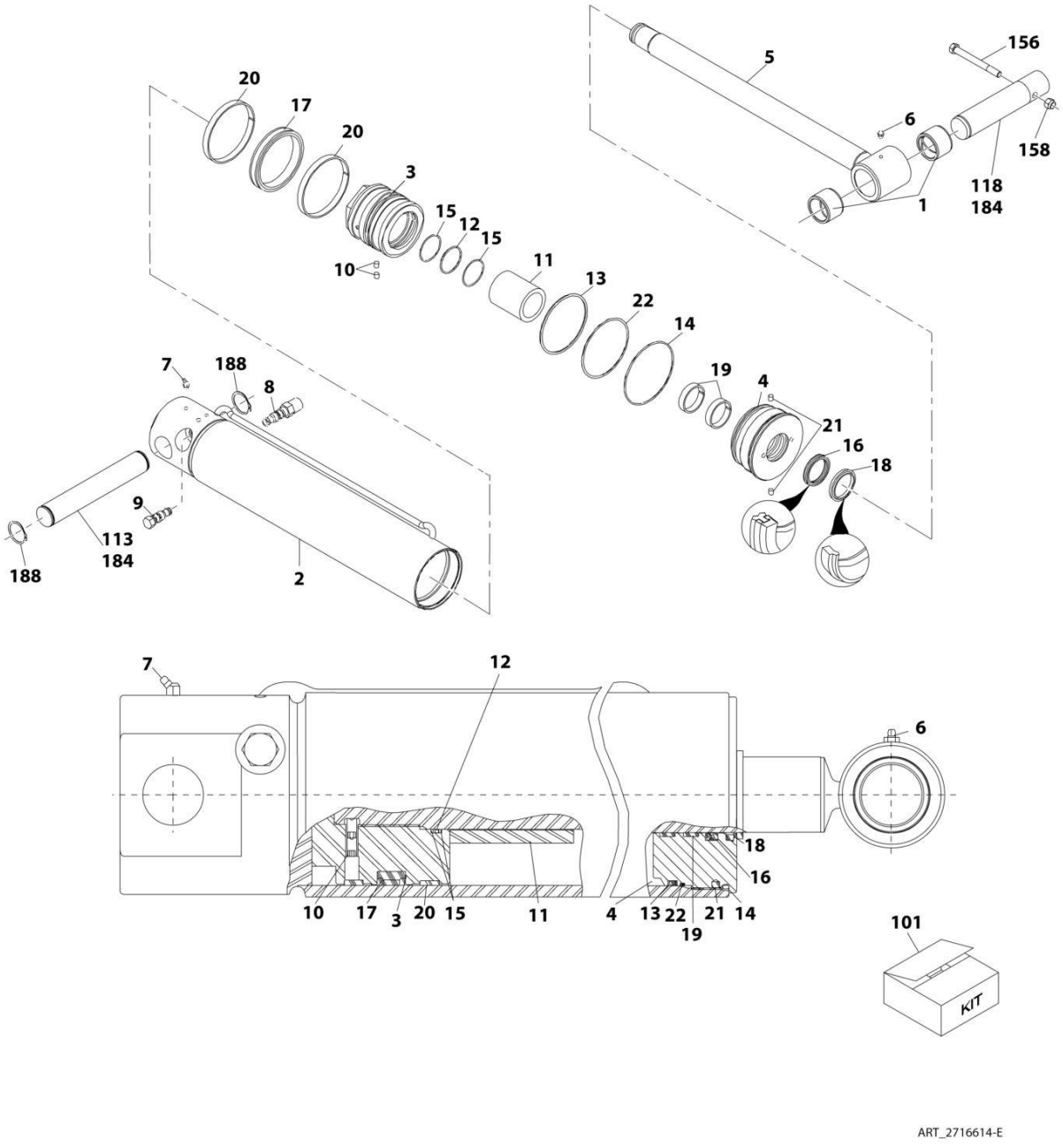


FIGURE 9-9. CYLINDER - FORK TILT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2716614	Ref	Fork Tilt Cylinder	E
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	8036149	2	Bearing	
2	70023265	1	Barrel	
3	8036392	1	Piston	
4	8036391	1	Head	
5	8036389	1	Rod	
6	8036144	1	Fitting, Straight Lube	
7	8520034	1	Fitting, 45 Lube	
8	8035321	1	Valve, Counterbalance	
8	8035327	1	Seal Kit - 8035321 Valve	
9	8036393	1	Valve, Check	
9	8205655	1	Seal Kit - 8036393 Valve	
10	8035536	2	Setscrew 5/16X1/2	
11	8036390	1	Spacer, Rod	
12	Kit	NSS	O-Ring (Note: Use Item 101)	
13	Kit	NSS	O-Ring (Note: Use Item 101)	
14	Kit	NSS	O-Ring (Note: Use Item 101)	
15	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
16	Kit	NSS	Z-Seal (Note: Use Item 101)	
17	Kit	NSS	T-Seal (Note: Use Item 101)	
18	Kit	NSS	Seal, Wiper (Note: Use Item 101)	
19	Kit	NSS	Ring, Wear (Note: Use Item 101)	
20	Kit	NSS	Ring, Wear (Note: Use Item 101)	
21	Kit	NSS	Insert, Locking (Note: Use Item 101)	
22	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
101	8035720	1	Kit, Seal (includes items 12 thru 22)	

FIGURE 9-10. CYLINDER - FRAME LEVEL

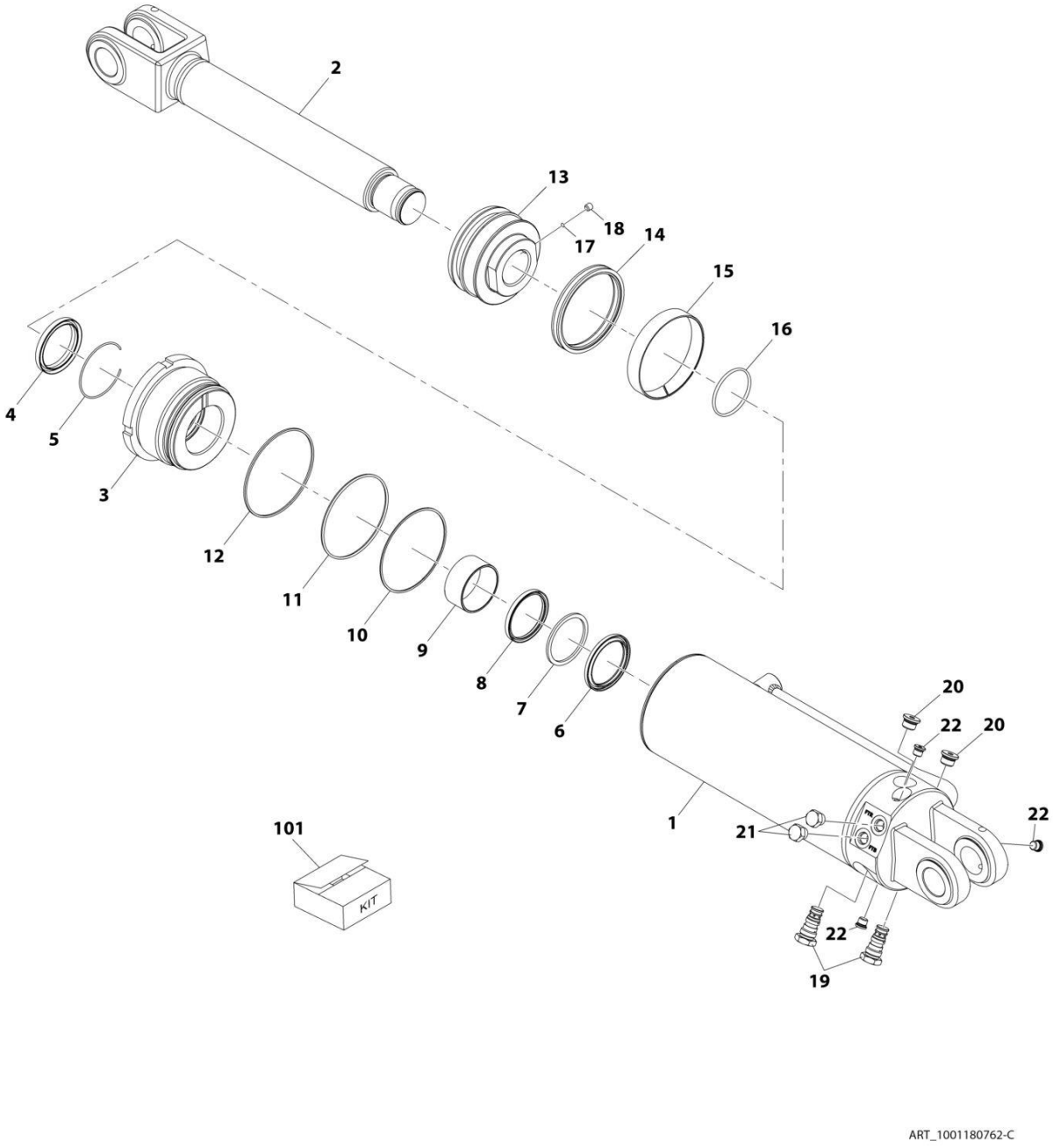


FIGURE 9-10. CYLINDER - FRAME LEVEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180762	Ref	Frame Level Cylinder Assembly	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027689	1	Barrel	
2	70027690	1	Rod	
3	70027691	1	Head	
4	Kit	NSS	Wiper (Note: Use Item 101)	
5	70027244	1	Ring, Retaining	
6	Kit	NSS	Seal, Rod (Note: Use Item 101)	
7	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
8	Kit	NSS	Ring, Buffer (Note: Use Item 101)	
9	70004637	1	Ring, Wear	
10	Kit	NSS	O-Ring (Note: Use Item 101)	
11	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
12	Kit	NSS	O-Ring (Note: Use Item 101)	
13	70027692	1	Piston	
14	Kit	NSS	Seal, Piston (Note: Use Item 101)	
15	Kit	NSS	Ring, Wear (Note: Use Item 101)	
16	Kit	NSS	O-Ring	
17	70022564	1	Ball	
18	70022563	1	Setscrew	
19	70027693	2	Valve, Check	
20	70027694	2	Plug	
21	70027695	2	Plug	
22	2220883	3	Plug	
101	70027696	1	Seal Kit (Includes Items 4,6-8, 10-12 & 14-16)	

FIGURE 9-11. CYLINDER - GRAPPLE BUCKET

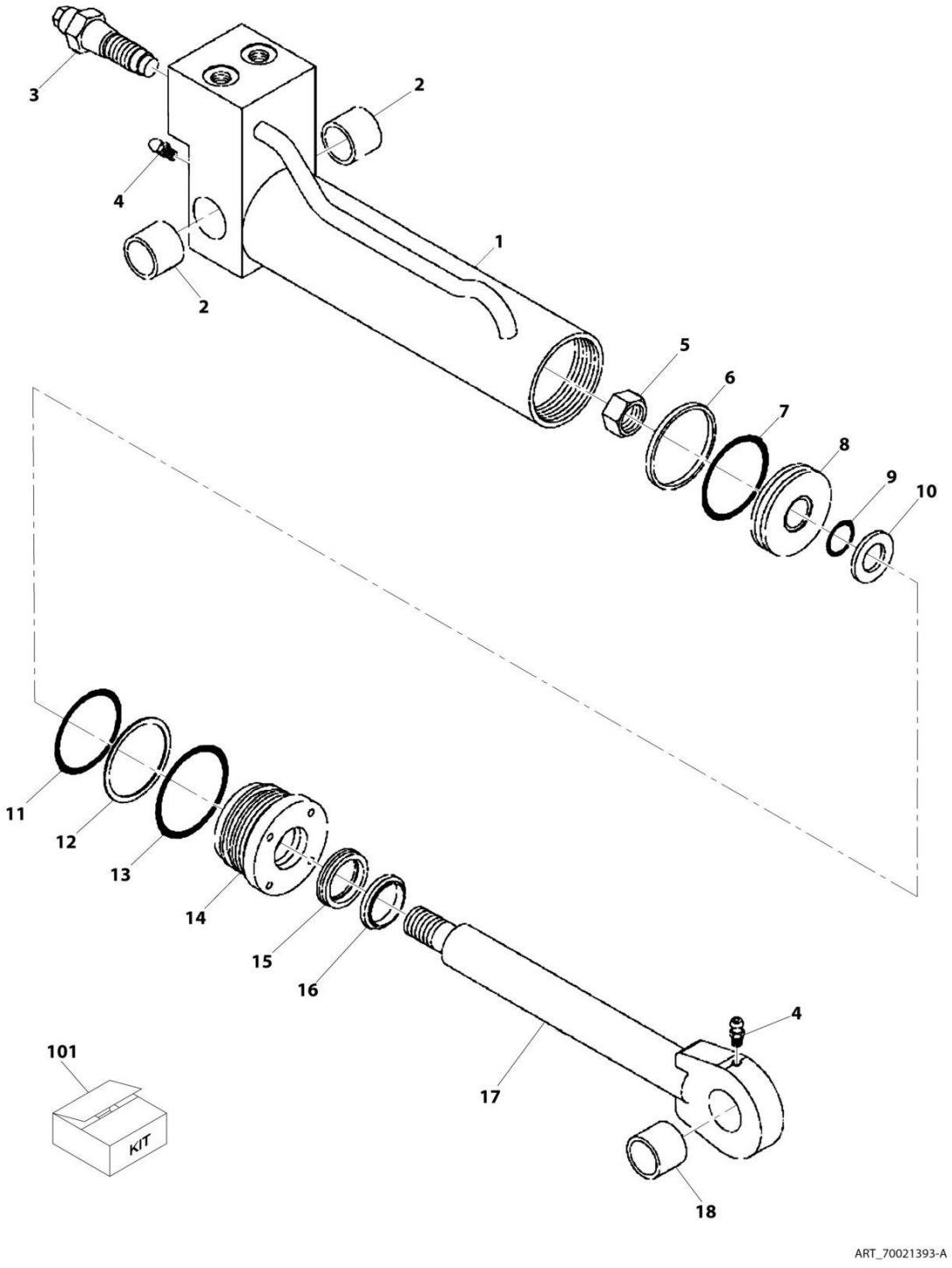


FIGURE 9-11. CYLINDER - GRAPPLE BUCKET

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	70021393	Ref	Grapple Bucket Cylinder	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70021465	1	Barrel	
2	70021448	2	Bushing	
3	70021464	2	Cartridge, Valve	
4	90554045	2	Fitting, Grease	
5	70021440	1	Nut	
6	Kit	NSS	Ring, Piston (Note: Use Item 101)	
7	Kit	NSS	O-Ring (Note: Use Item 101)	
8	70021451	1	Piston	
9	Kit	NSS	O-Ring (Note: Use Item 101)	
10	70021444	1	Washer	
11	Kit	NSS	O-Ring (Note: Use Item 101)	
12	Kit	NSS	Washer, Back-Up (Note: Use Item 101)	
13	Kit	NSS	O-Ring (Note: Use Item 101)	
14	70021446	1	Head	
15	Kit	NSS	Seal, Poly-Pak (Note: Use Item 101)	
16	Kit	NSS	Wiper, Rod (Note: Use Item 101)	
17	70021466	1	Rod	
18	70021447	1	Bushing	
101	70021452	1	Kit, Seal (includes items 6, 7, 9, 11 thru 13, 15 & 16)	

FIGURE 9-12. CYLINDER - LIFT

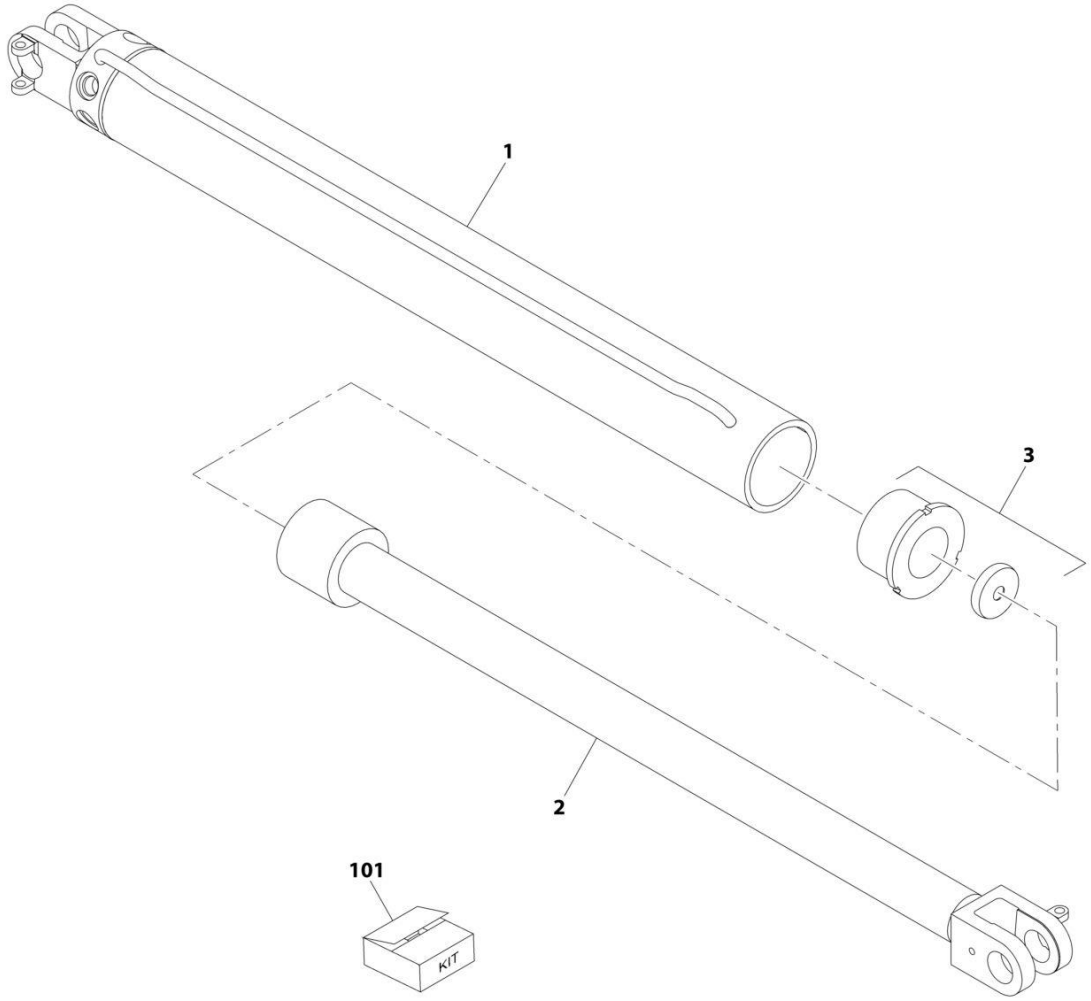


FIGURE 9-12. CYLINDER - LIFT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180760	Ref	Lift Cylinder (Be sure to check the part number on your cylinder prior to ordering replacement parts)	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70027683	1	Barrel Kit	
1	Kit	NSS	Barrel	
1	Kit	NSS	O-Ring	
2	70027684	1	Rod	
3	70027685	1	Rod Cover Kit	
3	Kit	NSS	Rod Cover	
3	Kit	NSS	Rod Bushing	
3	Kit	NSS	Retaining Ring	
13	70027686	1	Piston (Not Shown)	
19	70027687	1	Piston Nut Kit (Not Shown)	
19	Kit	NSS	Piston Nut (not shown)	
19	Kit	NSS	Setscrew (Not Shown)	
21	7029327	1	Valve, Counterbalance (Not Shown)	
23	70027688	1	Plug Kit (Not Shown)	
23	Kit	NSS	Plug (Not Shown)	
23	Kit	NSS	O-Ring (Not Shown)	
101	Kit	1	Seal Kit - 1001180760 Cylinder	
101	Kit	NSS	U-Packing	
101	Kit	NSS	Retaining Ring	
101	Kit	NSS	O-Ring	
101	Kit	NSS	O-Ring	
101	Kit	NSS	Piston Seal	
101	Kit	NSS	Back-up Ring	

FIGURE 9-13. CYLINDER - STABIL-TRAK

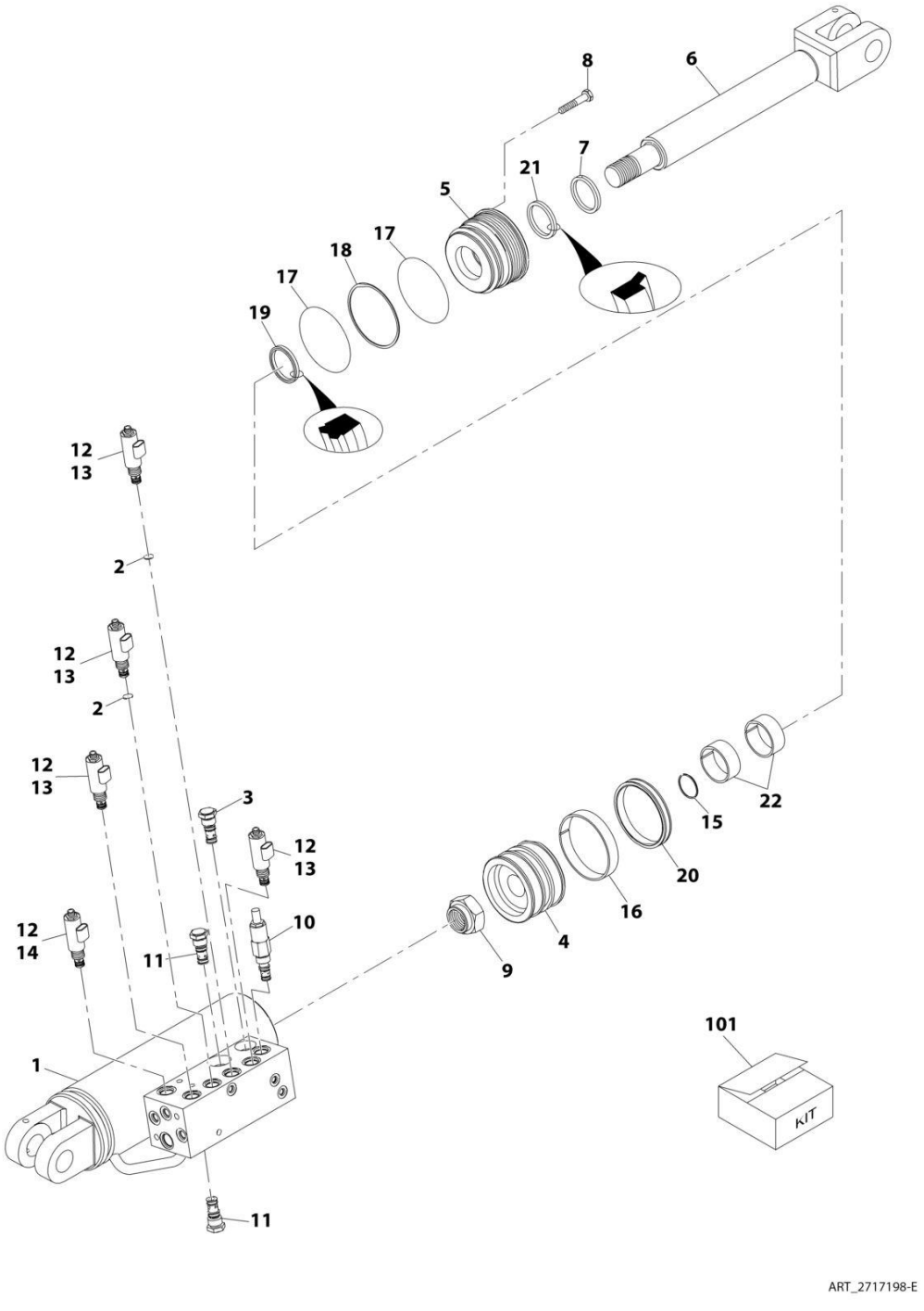


FIGURE 9-13. CYLINDER - STABIL-TRAK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2717198	Ref	Stabil-Trak Cylinder	E
		Ref	**Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.**	
1	N.S.S.	NSS	Barrel (Note Use PN 2717198)	
2	8035781	2	Orifice	
3	8036582	1	Valve, Check	
3	7017496	1	Kit, Seal	
4	8036826	1	Piston	
5	8036828	1	Guide	
6	8036827	1	Rod	
7	7029153	1	O-Ring	
8	8036811	1	Setscrew, Set 1/4X3/8	
9	8036825	1	Nut 1-1/2	
10	8035282	1	Valve, Pressure Reducing	
10	8032994	1	Kit, Seal	
11	8035281	2	Valve, Check	
11	8036192	2	Kit, Seal	
12	7029246	5	Coil, Solenoid	
13	8036581	4	Valve, Solenoid	
13	7017496	4	Seal Kit - 8036581 Valve	
14	8036580	1	Valve, Solenoid	
14	7012903	1	Seal Kit - 8036580 Valve	
15	Kit	NSS	O-Ring (Note: Use Item 101)	
16	Kit	NSS	Ring, Wear (Note: Use Item 101)	
17	Kit	NSS	O-Ring (Note: Use Item 101)	
18	Kit	NSS	Ring, Back-Up (Note: Use Item 101)	
19	Kit	NSS	Z-Seal (Note: Use Item 101)	
20	Kit	NSS	T-Seal (Note: Use Item 101)	
21	Kit	NSS	Ring, Wiper (Note: Use Item 101)	
22	Kit	NSS	Ring, Wear	
101	8036747	1	Kit, Seal (includes items 15 thru 22)	

FIGURE 9-14. PUMP - PISTON

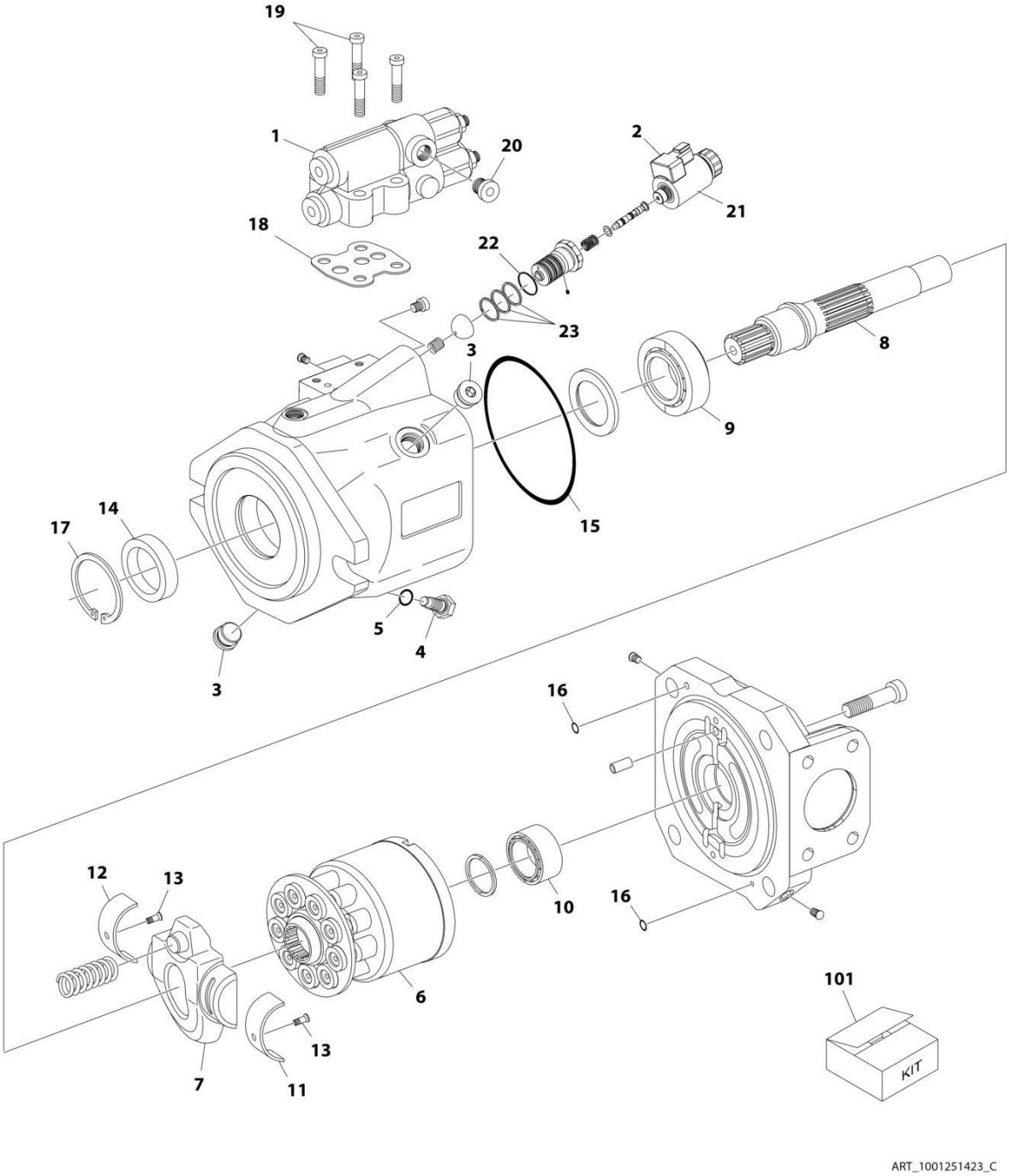
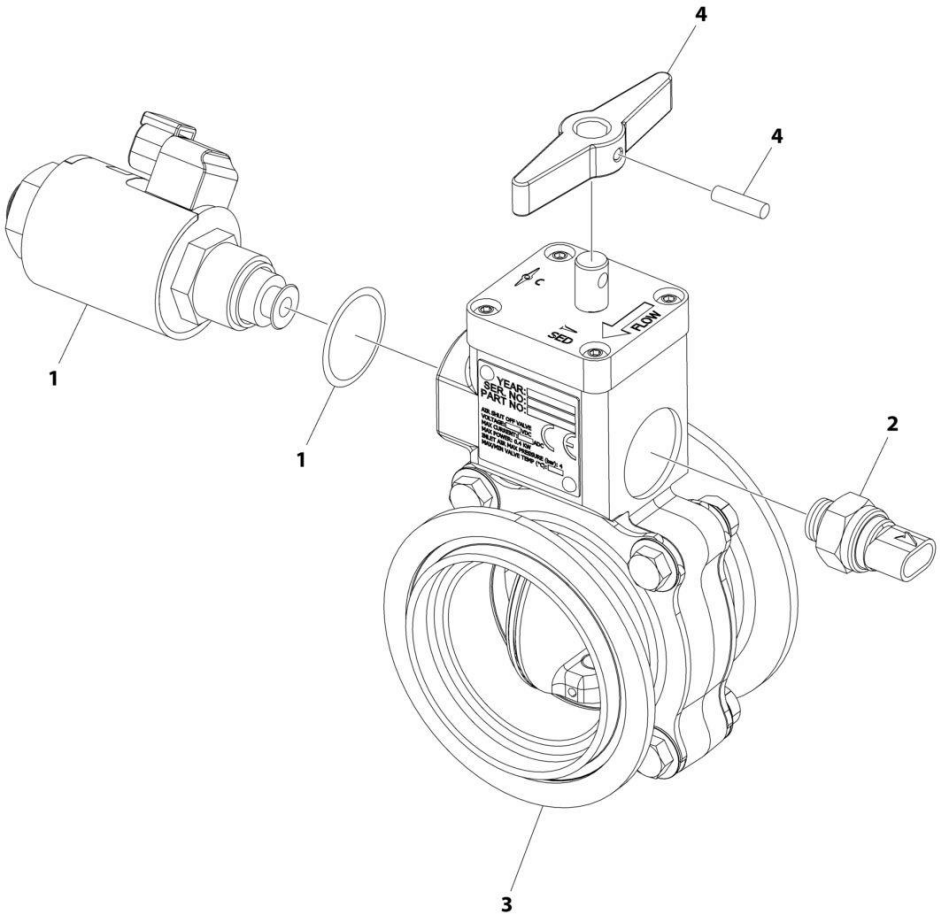


FIGURE 9-14. PUMP - PISTON

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251423	Ref	PISTON PUMP	C
1	70003738	1	Control Valve	
2	70024186	1	Control Valve	
3	70024407	2	Plug	
4	70024408	1	Stop Screw	
4	See Note	NSS	O-Ring (Note: Use Item 101)	
6	70024411	1	Rotary Group	
7	70024412	1	Swash Plate	
8	7024939	1	Drive Shaft	
9	7024943	1	Bearing	
10	7024944	1	Bearing	
11	70024414	1	Bearing-Liner	
12	70024415	1	Bearing-Liner	
13	7024953	2	Screw	
14	80634004	1	Shaft Seal	
15	See Note	NSS	O-Ring (Note: Use Item 101)	
16	See Note	NSS	Seal (Note: Use Item 101)	
17	80334277	1	Ring, Retaining	
18	70021867	1	Gasket	
19	7024954	4	Capscrew	
20	70024416	1	Plug	
21	70025897	1	Solenoid	
22	See Note	NSS	O-Ring (Note: Use Item 101)	
23	See Note	NSS	R-Ring (Note: Use Item 101)	
101	70024189	1	Seal Kit (Includes Items 5, 15,16,22 & 23)	

FIGURE 9-15. VALVE - AIR SHUT OFF



ART_1001204032_C

FIGURE 9-15. VALVE - AIR SHUT OFF

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 9-16. VALVE - BRAKE

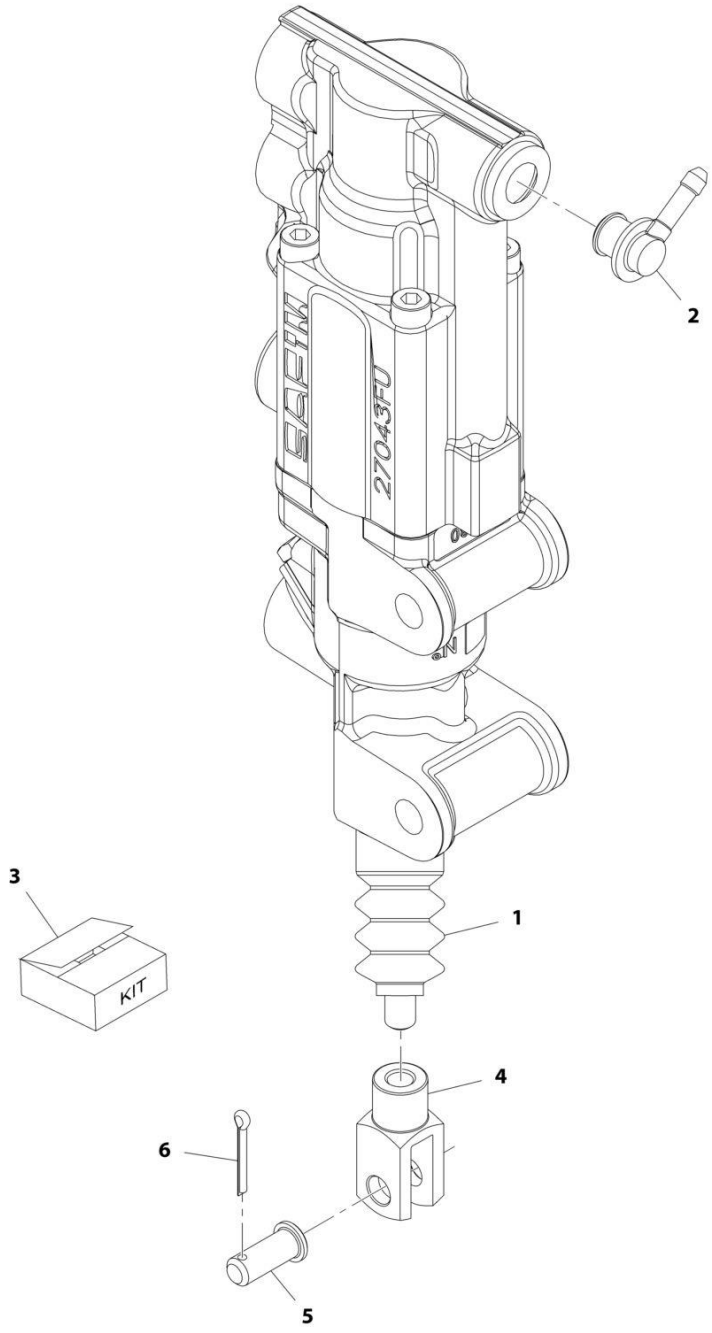


FIGURE 9-16. VALVE - BRAKE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201721	Ref	Brake Valve	D
1	70025859	1	Dust Cover	
2	70027275	1	Reservoir Joint	
3	70027276	1	Seal Kit	
4	70022650	1	Yoke	
5	70020743	1	Pin, Yoke	
6	70020745	1	Pin, Cotter	

FIGURE 9-17. VALVE - CARRIAGE

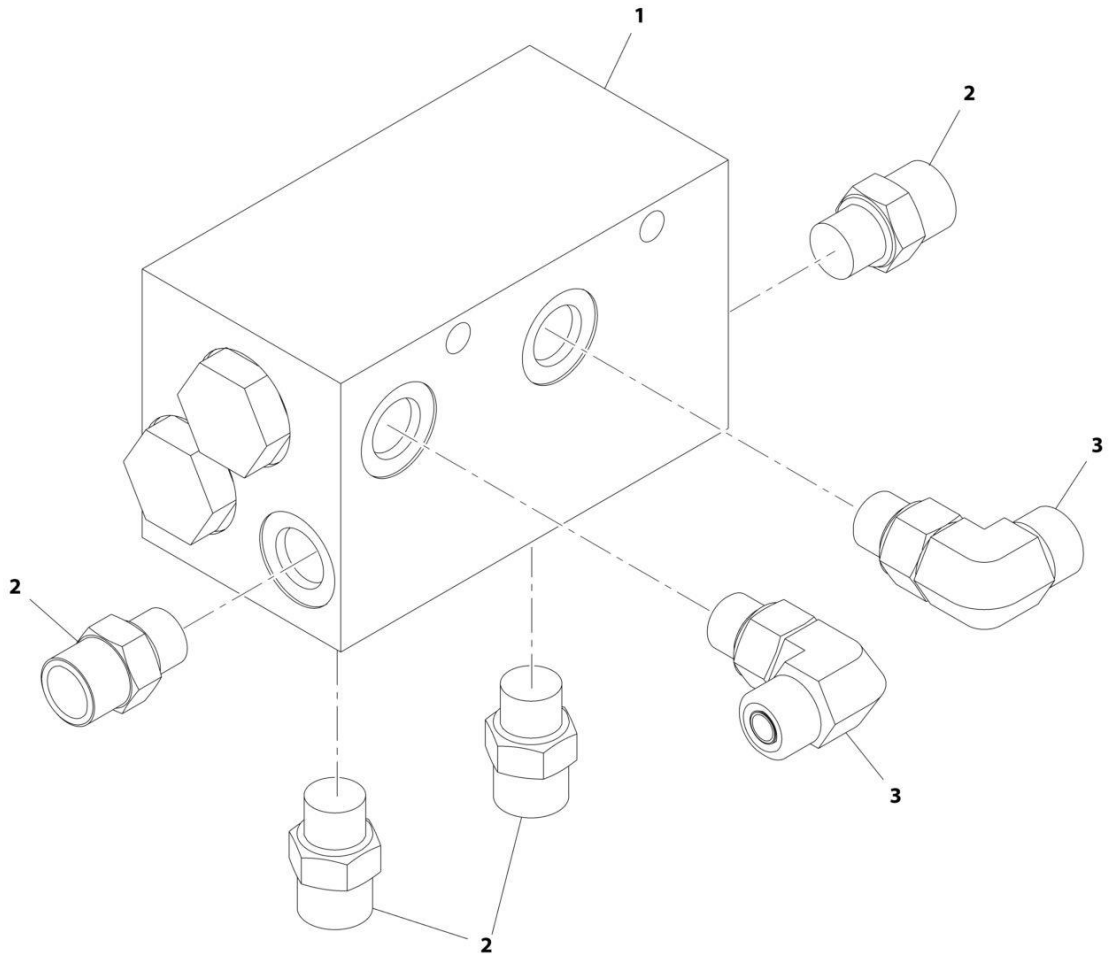


FIGURE 9-17. VALVE - CARRIAGE

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

FIGURE 9-18. VALVE - FLOW DIVIDER

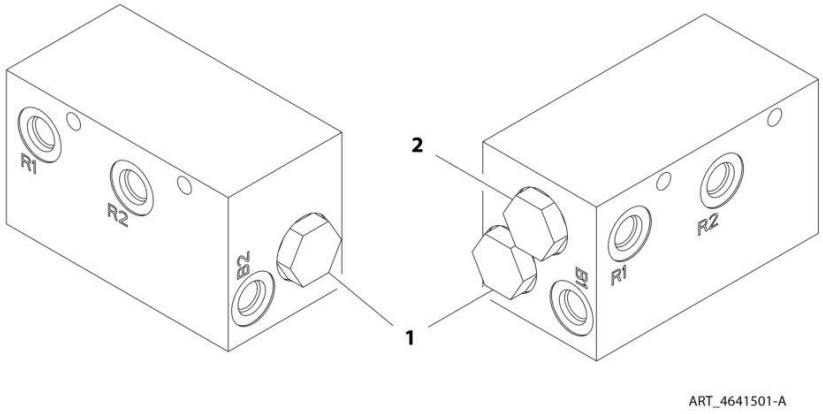


FIGURE 9-18. VALVE - FLOW DIVIDER

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

FIGURE 9-19. VALVE - MAIN CONTROL

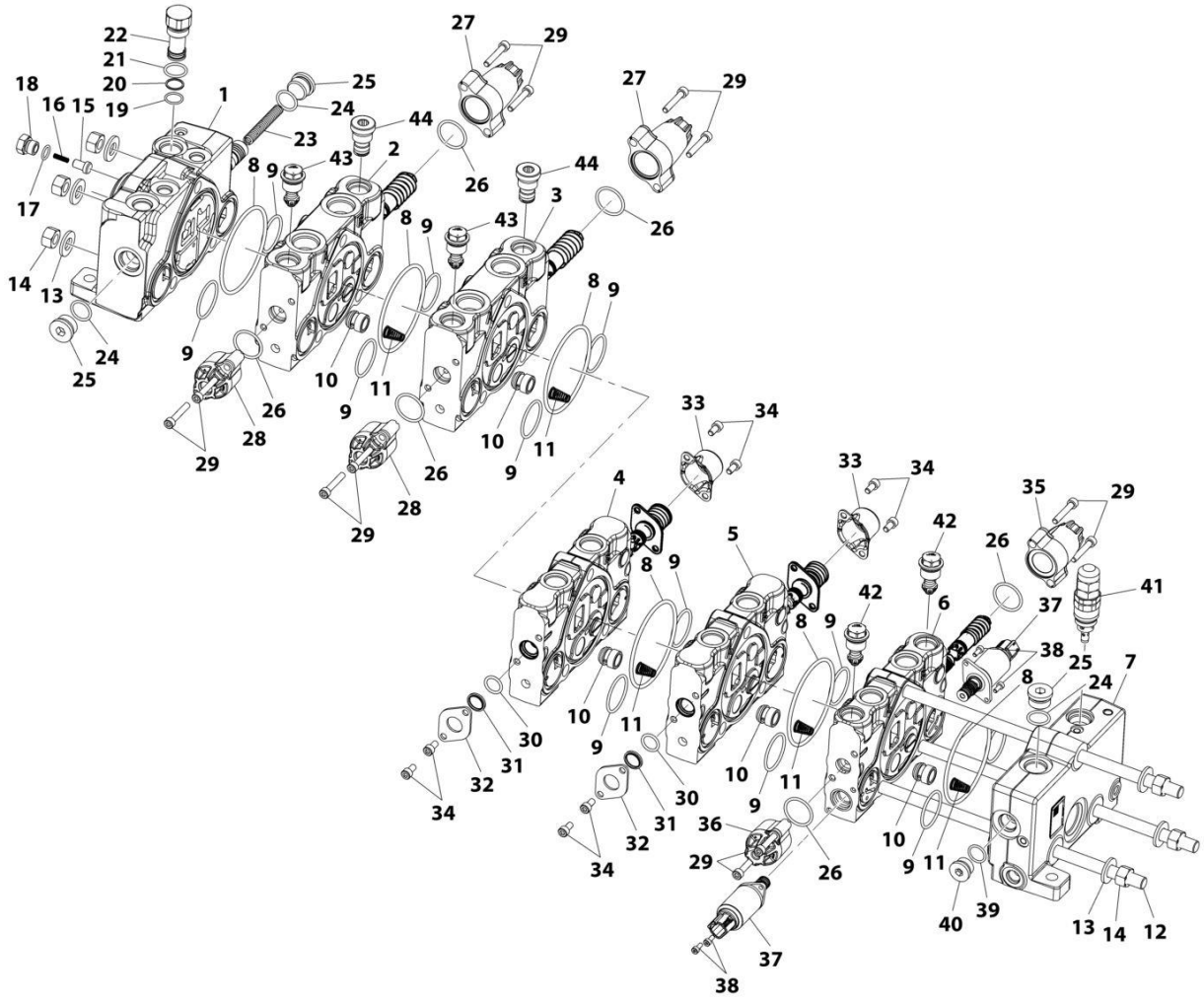


FIGURE 9-19. VALVE - MAIN CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242925	Ref	MAIN CONTROL VALVE	F
1	70030023	1	Inlet Section Assembly	
2	70030001	1	Lift Section Assembly	
3	70030002	1	Extend/Retract Section Assembly	
4	70030003	1	Aux Section Assembly	
5	70030004	1	Sway Section Assembly	
6	70030005	1	Tilt Section Assembly	
7	70030006	1	Outlet Section Assembly	
8	8034697	6	O-Ring	
9	70030007	12	O-Ring	
10	8903015	5	Poppet CV	
11	70030012	5	Spring	
12	70030038	3	Tie Rod	
13	70030039	6	Washer	
14	8035347	6	Nut	
15	70030009	1	Poppet, CV	
16	70030010	1	Spring	
17	70030040	1	O-Ring	
18	70030011	1	Plug	
19	70026370	1	O-Ring	
20	70026376	1	Back-Up Ring	
21	10837928	1	O-Ring	
22	70030041	1	Drain Regulator Assembly	
23	70030008	1	Spring	
24	70026652	3	O-Ring	
25	70026653	3	Plug	
26	70030013	6	O-Ring	
27	70030015	2	Spool Cap	
28	70030014	2	Spool Cap	
29	70030016	12	Screw	
30	8037109	2	O-Ring	
31	70030018	2	Wiper	
32	70030017	2	Sealing Plate	
33	70030019	2	Cap Spool	
34	70026133	8	Screw	
35	70030021	1	Spool Cap	
36	70030020	1	Spool Cap	
37	70029874	2	Valve, Solenoid Cartridge	
38	70022014	4	Screw	
39	70024202	1	O-Ring	
40	8035382	1	Plug Assembly	
41	70030022	1	Valve Assembly, LS Relief	
42	70027134	2	Valve Assembly, Relief	
43	70025982	2	Valve Assembly, Relief	
44	70022008	2	Shut-Off Plug Assembly	

FIGURE 9-20. VALVE - SECONDARY CONTROL

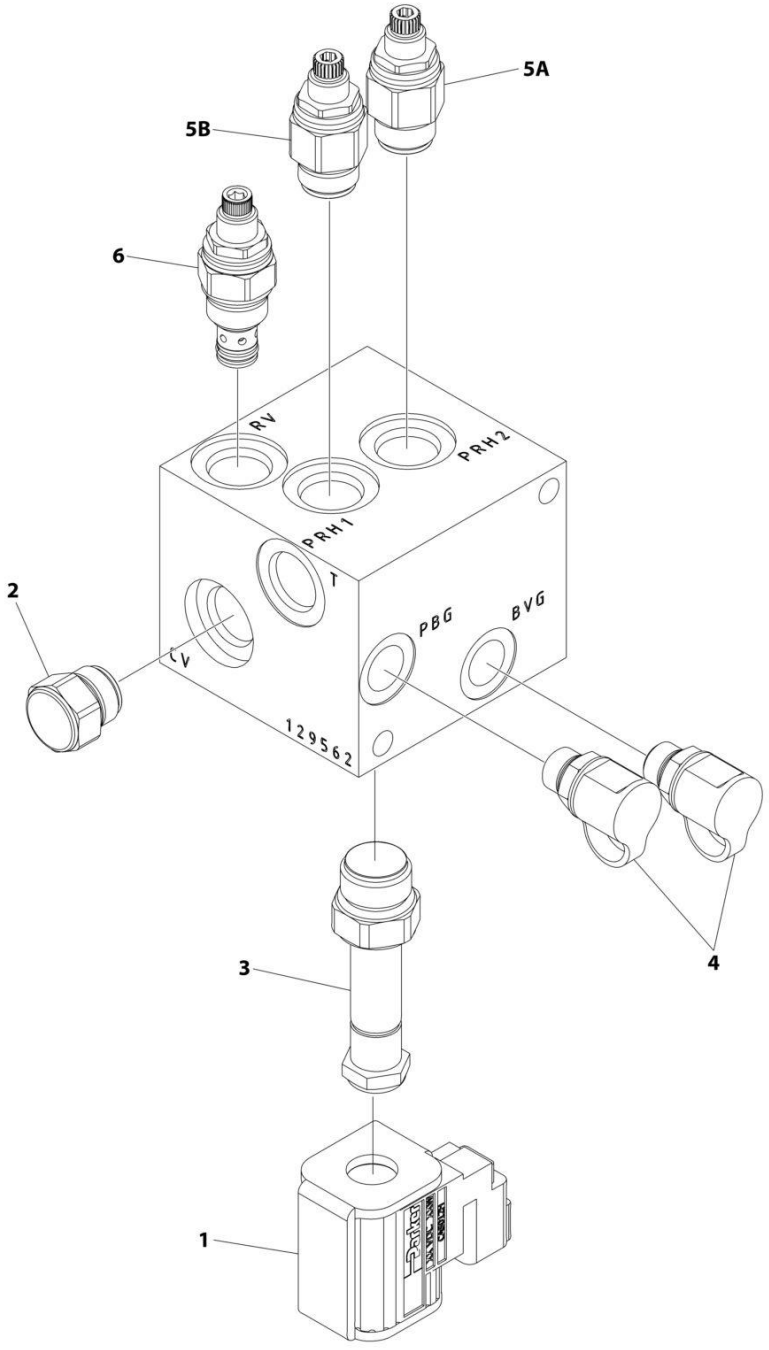
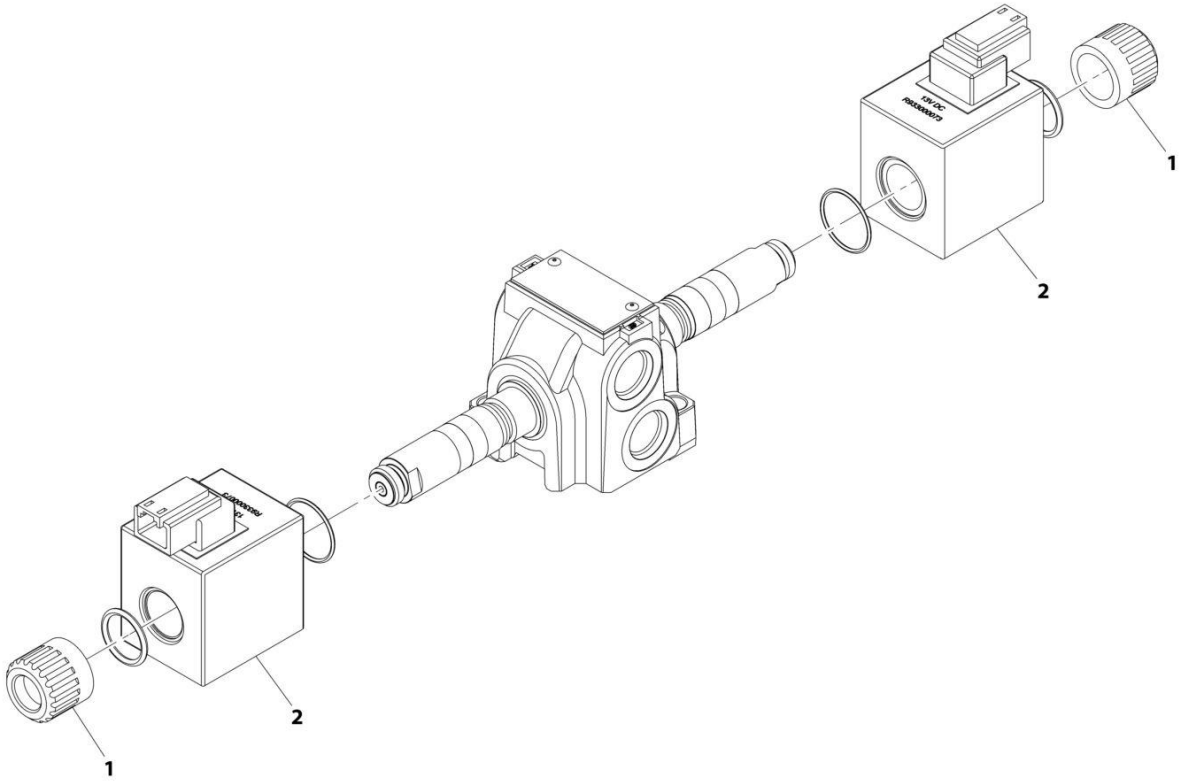


FIGURE 9-20. VALVE - SECONDARY CONTROL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266771	Ref	VALVE ASSEMBLY - SECONDARY	B
1	70026085	1	Coil	
2	91474023	1	Cartridge, Check Valve	
	7010769	1	Seal Kit - 91474023 Valve	
3	70026087	1	Cartridge, Solenoid Less Coil	
	8032695	1	Seal Kit - 70026087 Valve	
4	See Note	N.S.S.	Fitting, Straight	
5A	70029558	1	Cartridge, Pressure Relief Valve	
	8032694	1	Seal Kit - 70029558 Valve	
5B	70029584	1	Cartridge, Pressure Relief Valve	
	8032694	1	Seal Kit - 70029584 Valve	
6	70030292	1	Cartridge, Pressure Relief Valve	
	7010769	1	Seal Kit - 70030292 Valve	

FIGURE 9-21. VALVE - STEERING SELECT



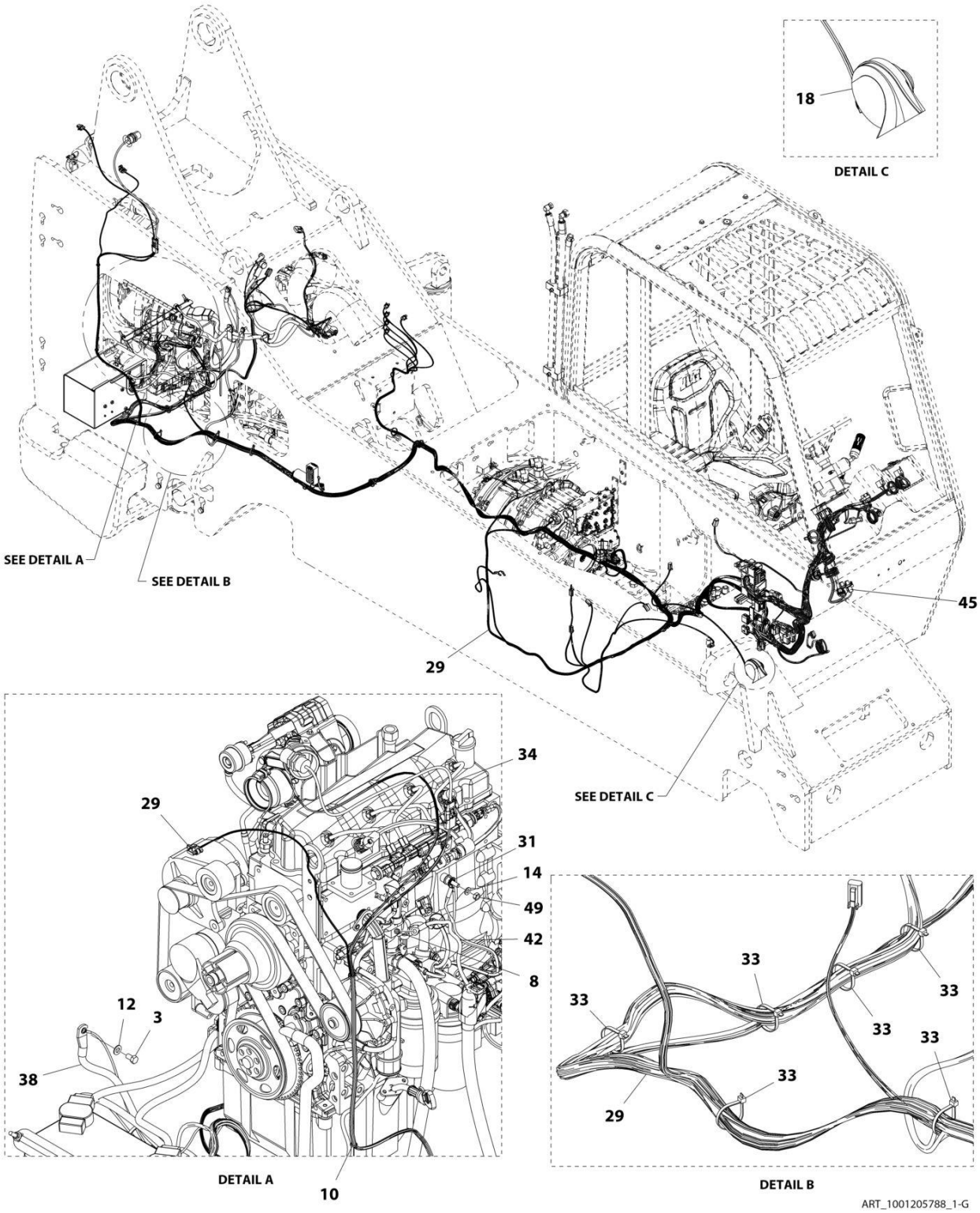
ART_1001153748-C

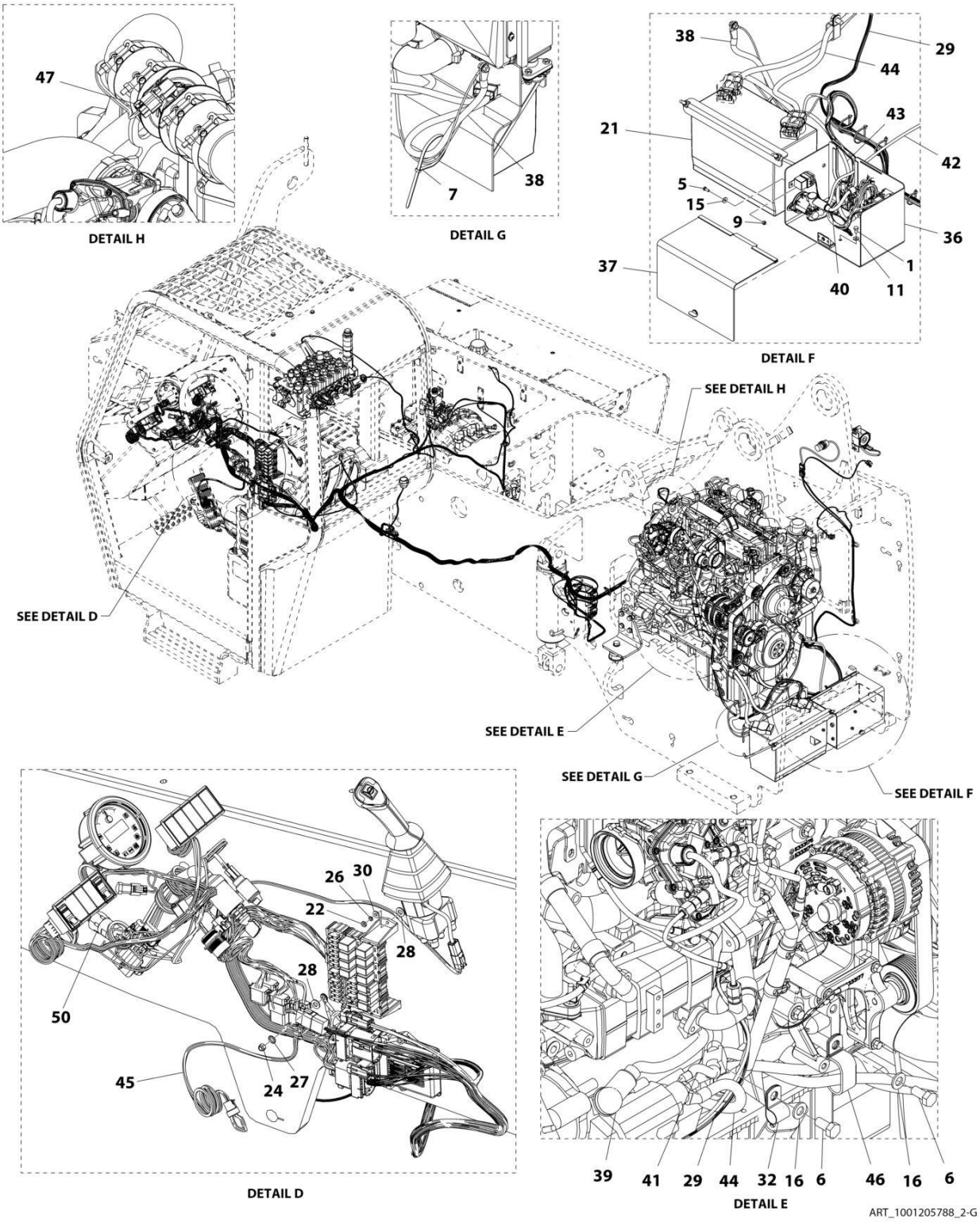
FIGURE 9-21. VALVE - STEERING SELECT

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. ELECTRICAL INSTALLATION, 74HP (ULS)

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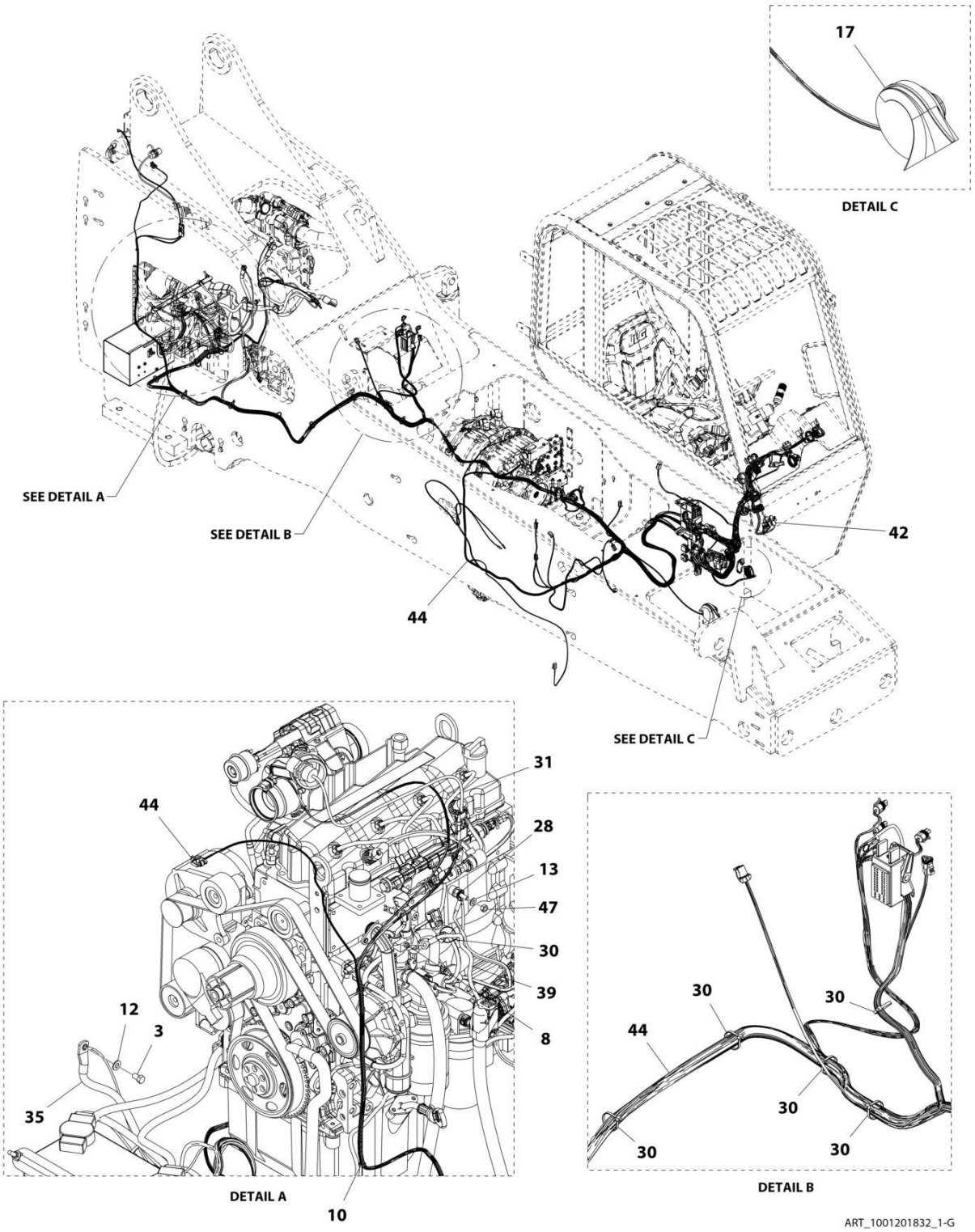
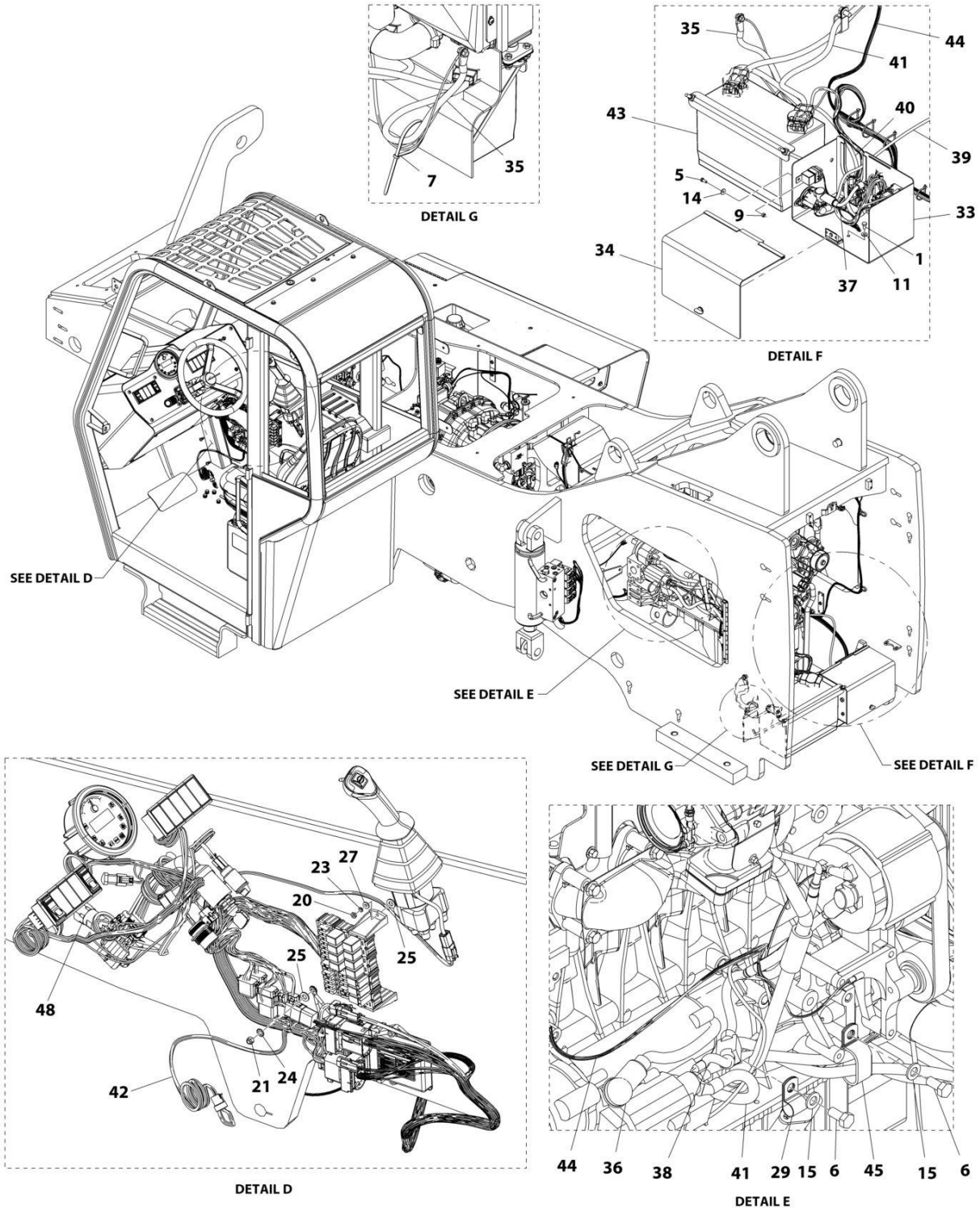
ART_1001205788_2-G

FIGURE 10-1. ELECTRICAL INSTALLATION, 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205788	Ref	Electrical Installation, 74HP (if equipped for ULS) (6042)	G
1	0641404	3	Bolt, 1/4Bolt, 1/4-20X1/2	
3	0641605	1	Bolt, 3/8-16X5/8	
5	8303545	1	Bolt, M8X14	
6	0761212	2	Bolt, M12X25	
7	1062255	1	Strap, Tie	
8	3290601	1	Nut, M6X1	
9	3290605	1	Nut, M6X1	
10	4240017	3	Strap, Tie	
11	4711400	3	Washer, 1/4	
12	4711600	1	Washer, 3/8	
14	4811900	1	Washer, M8	
15	4811702	1	Washer, M6	
16	4812100	2	Washer, M12	
18	8270620	1	Horn, Signal	
21	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
22	8305002	3	Nut, 10-24	
24	8305624	2	Nut, Lock 1/4-20	
26	8307003	3	Washer, Lock M10	
27	8307027	4	Washer, Lock 5/16	
28	8307106	5	Washer, 5/16	
29	1001199889	1	Engine Harness (74HP) (See Separate Breakdown in this Section)	
30	8307111	3	Washer, M10	
31	8310046	1	Washer, Lock External Tooth M10	
32	8406105	1	Clip, Tube	
33	8584001	12	Wrap, Tie	
34	1001130307	1	Sensor, Boom	
36	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
37	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
38	1001171234	1	Cable, Battery Negative	
39	1001171236	1	Cable, Starter Ground	
40	1001171237	1	Cable, Grid Heater to Fuse Power	
41	1001171238	1	Cable, Alternator Power	
42	1001171239	1	Cable, Grid Heater Power	
43	1001171633	1	Cable, Buss Power	
44	1001171757	1	Cable, Starter Power	
45	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
46	1001181899	1	Clamp	
47	1001184835	1	Harness, TBAP (See Separate Breakdown in this Section)	
49	3290801	1	Nut, M8X1.25	
50	1001250700	1	Switch, Pressure	

FIGURE 10-2. ELECTRICAL INSTALLATION, 85HP (LS)

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ART_1001201832_2-G

FIGURE 10-2. ELECTRICAL INSTALLATION, 85HP (LS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201832	Ref	Electrical Installation, 85HP (if equipped for LS) (6042)	G
1	0641404	3	Bolt, 1/4-20X1/2	
3	0641605	1	Bolt, 3/8-16X5/8	
5	8303545	1	Bolt, M8X14	
6	0761212	2	Bolt, M12X25	
7	1062255	1	Strap, Tie	
8	3290601	1	Nut, M6X1	
9	3290605	1	Nut, M6X1	
10	4240017	2	Strap, Tie	
11	4711400	3	Washer, 1/4	
12	4711600	1	Washer, 3/8	
13	4811900	1	Washer, M8	
14	4811702	1	Washer, M6	
15	4812100	2	Washer, M12	
17	8270620	1	Horn, Signal	
20	8305002	3	Nut, 10-24	
21	8305624	2	Nut, Lock 1/4-20	
23	8307003	3	Washer, Lock M10	
24	8307027	4	Washer, Lock 5/16	
25	8307106	5	Washer, 5/16	
27	8307111	3	Washer, M10	
28	8310046	1	Washer, Lock External Tooth M10	
29	8406105	1	Clip	
30	8584001	13	Wrap, Tie	
31	1001130307	1	Sensor, Boom	
33	1001170233	1	Installation, Relay Panel (See Separate Breakdown in this Section)	
34	1001170234	1	Assembly, Relay Panel Cover (See Separate Breakdown in this Section)	
35	1001171234	1	Cable, Battery Negative	
36	1001171236	1	Cable, Starter Ground	
37	1001171237	1	Cable, Grid Heater to Fuse Power	
38	1001171238	1	Cable, Alternator Power	
39	1001171239	1	Cable, Grid Heater Power	
40	1001171633	1	Cable, Buss Power	
41	1001171757	1	Cable, Starter Power	
42	1001178285	1	Harness, Cab Power Distribution (See Separate Breakdown in this Section)	
43	1001186841	1	Installation, Battery (See Separate Breakdown in this Section)	
44	1001189488	1	Engine Harness (See Separate Breakdown in this Section)	
45	1001181899	1	Clamp	
47	3290801	1	Nut, M8X1.25	
48	1001250700	1	Switch, Pressure	

FIGURE 10-3. AIR SHUT OFF VALVE HARNESS - T4F

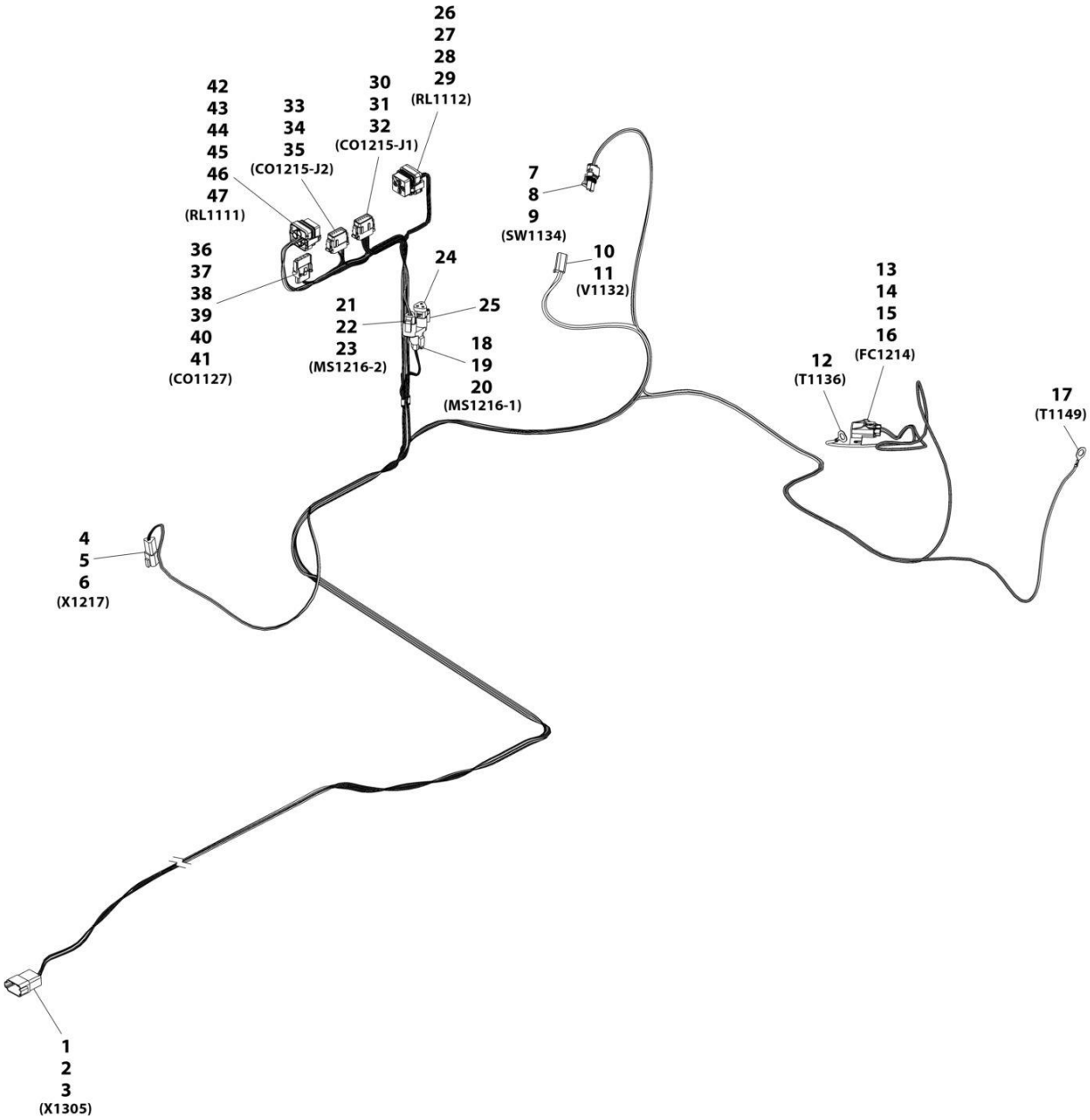


FIGURE 10-3. AIR SHUT OFF VALVE HARNESS - T4F

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216455	Ref	POSI Air Shut Off Valve T4F, Harness	F
1	4460931	1	Connector	
2	4460464	6	Terminal	
3	4460466	2	Plug	
4	1001144147	1	Connector	
5	4460464	2	Terminal	
6	4460466	1	Plug	
7	4460742	1	Connector	
8	4460475	2	Terminal	
9	4460458	2	Seal	
10	4460891	1	Connector	
11	1001157890	2	Terminal	
12	1001187078	1	Terminal, Ring	
13	1001231397	1	Connector	
14	8229235	1	Fuse 20A	
15	1001231401	2	Terminal	
16	1001230402	2	Seal	
17	1001187078	1	Connector	
18	1001116812	1	Connector	
19	4460465	2	Terminal	
20	4460466	1	Plug	
21	4460539	1	Connector	
22	4460465	2	Terminal	
23	4460466	1	Plug	
24	1001116815	1	Connector, 3 Pin	
25	4460945	1	Terminal, 3 Way "T" Receptacle	
26	1001231398	1	Connector	
27	1001231400	4	Terminal	
28	1001231406	1	Plug	
29	1001231404	4	Seal	
30	1001116808	1	Connector	
31	1001126008	9	Terminal	
32	4460518	3	Plug	
33	1001116774	1	Connector	
34	4460518	8	Plug	
35	1001126008	4	Terminal	
36	4460761	1	Connector	
37	4460321	1	Connector - 4 Position	
38	4460809	4	Plug	
39	1001118378	4	Terminal	
40	1001143551	1	Seal	
41	1001218358	1	Lanyard, Rope	
42	1001231398	1	Connector	
43	1001231401	2	Terminal	
44	1001231400	2	Terminal	
45	1001231406	1	Plug	
46	1001231402	2	Seal	
47	1001231404	2	Seal	

FIGURE 10-4. AIR SHUT OFF VALVE HARNESS - CAB

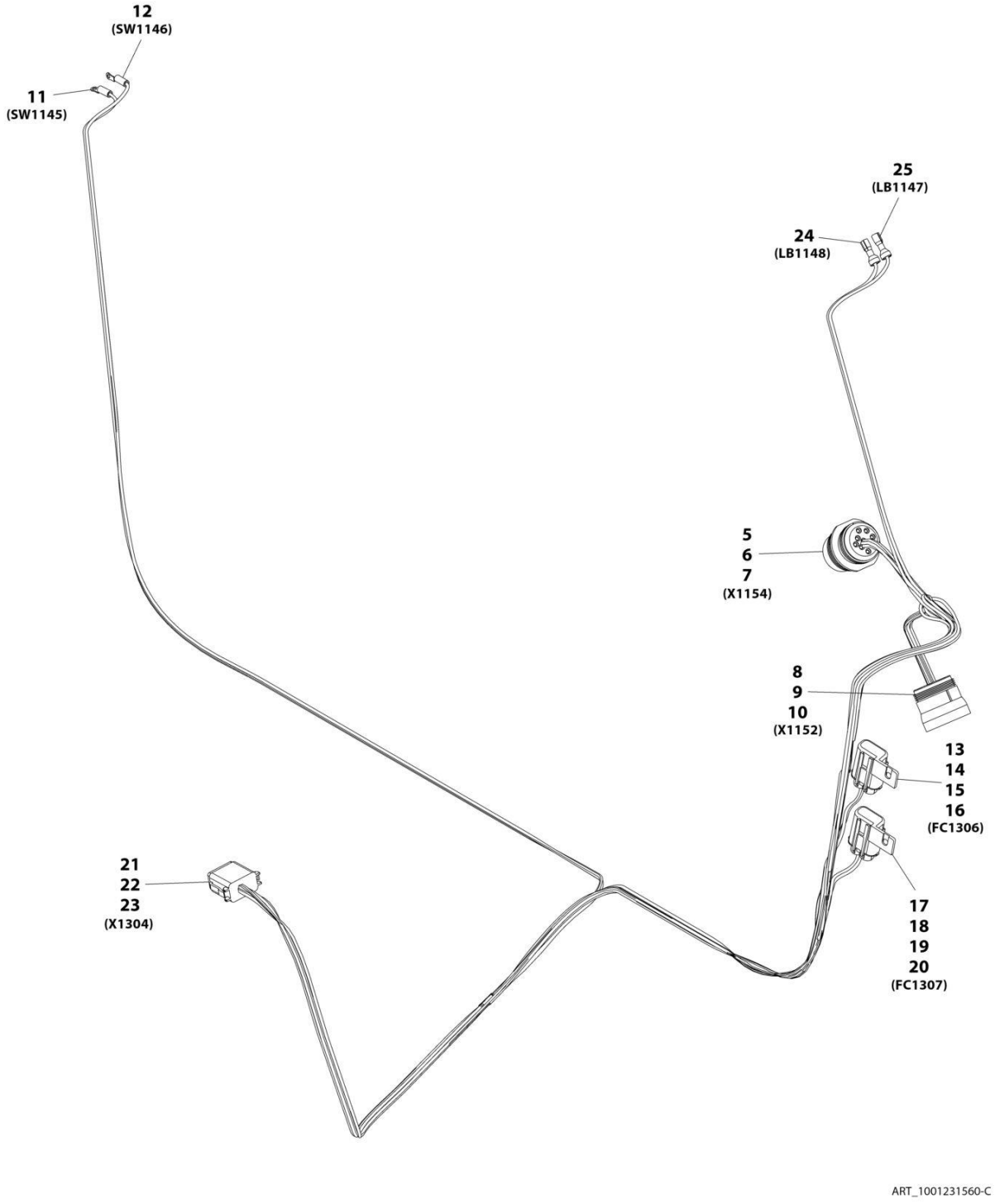


FIGURE 10-4. AIR SHUT OFF VALVE HARNESS - CAB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231560	Ref	POSI Air Shut Off Valve Cab, Harness	C
5	1001112612	1	Connector	
6	4460464	6	Terminal	
7	4460466	3	Plug	
8	1001116945	1	Connector	
9	4460465	6	Terminal	
10	4460466	3	Plug	
11	8220035	1	Terminal, Ring	
12	8220035	1	Terminal, Ring	
13	1001231397	1	Connector	
14	8229261	1	Fuse 5A	
15	1001231400	2	Terminal	
16	1001231404	2	Plug	
17	1001231397	1	Connector	
18	8229234	1	Fuse 10A	
19	1001231400	2	Terminal	
20	1001231404	2	Plug	
21	4460930	1	Connector	
22	4460465	6	Terminal	
23	4460466	2	Plug	
24	8220108	1	Connector	
25	8220108	1	Connector	

FIGURE 10-5. ALARM INSTALLATION - BACK UP

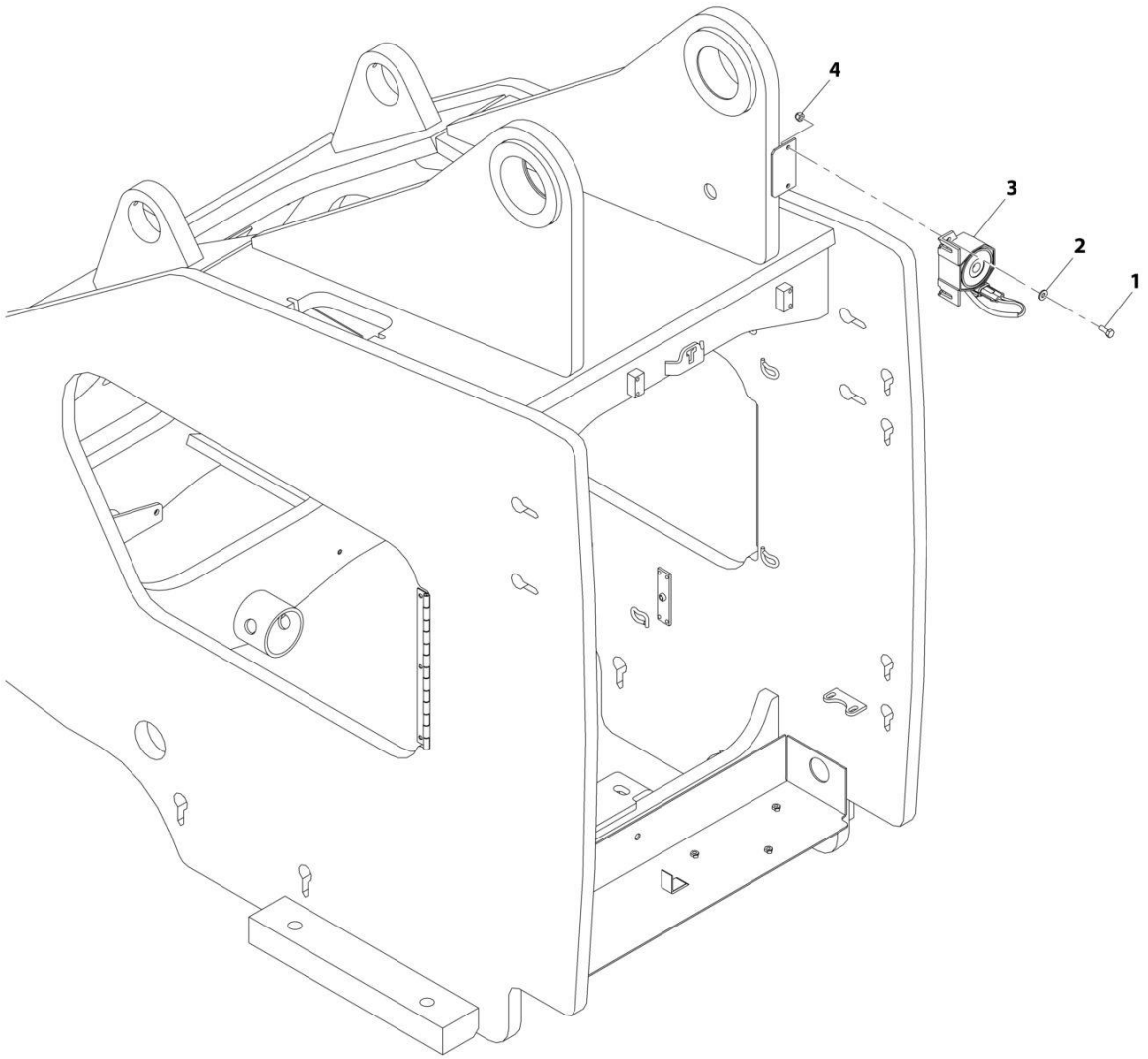
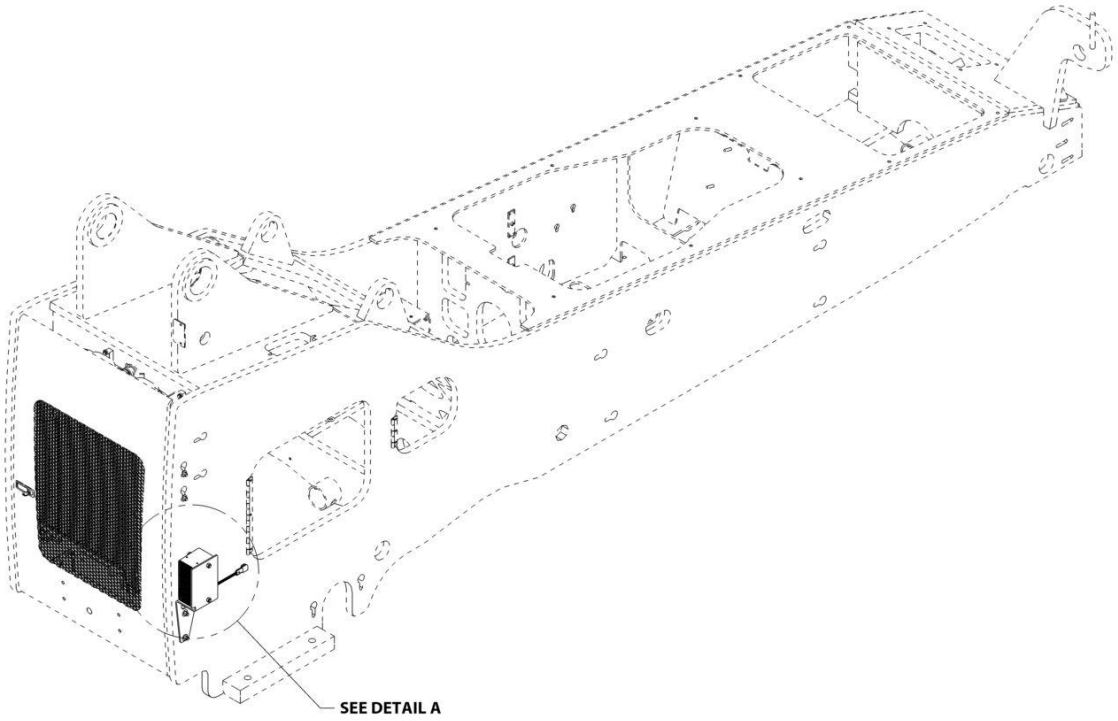
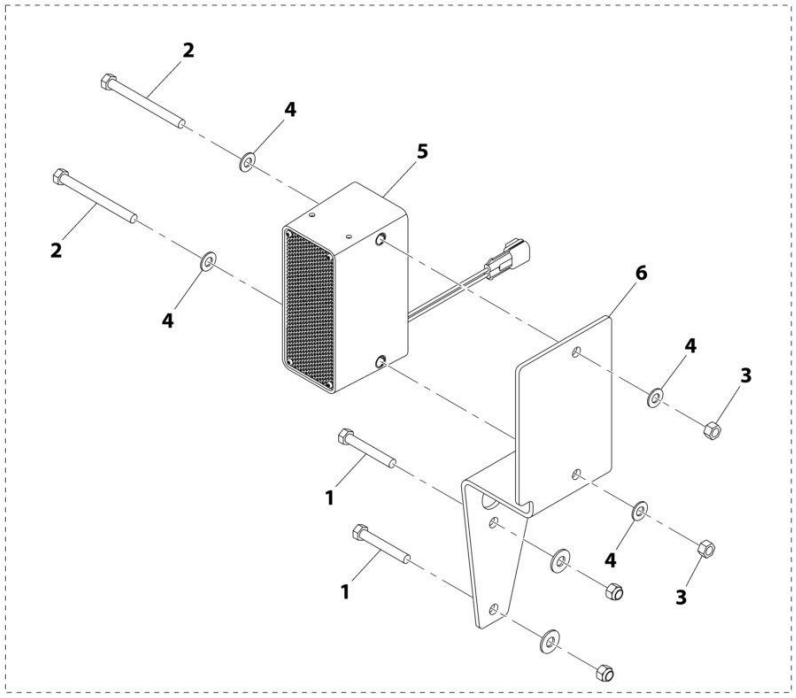


FIGURE 10-5. ALARM INSTALLATION - BACK UP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206542	Ref	Back-Up Alarm Installation	A
1	0641406	2	Bolt 1/4X3/4	
2	4711400	2	Washer 1/4	
3	8270621	1	Alarm, Back-Up	
4	8305624	2	Nut 1/4	

FIGURE 10-6. ALARM INSTALLATION - WHITE NOSE





DETAIL A

ART_1001206543-A

FIGURE 10-6. ALARM INSTALLATION - WHITE NOSE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206543	Ref	Back-Up Alarm Installation (White Noise)	A
1	0641620	2	Bolt 3/82-1/2	
2	0641632	2	Bolt 3/8X4	
3	3311605	2	Nut 3/8	
4	4711600	4	Washer 3/8	
5	1001198728	1	Alarm	
6	1001213574	1	Bracket	

FIGURE 10-7. BATTERY INSTALLATION

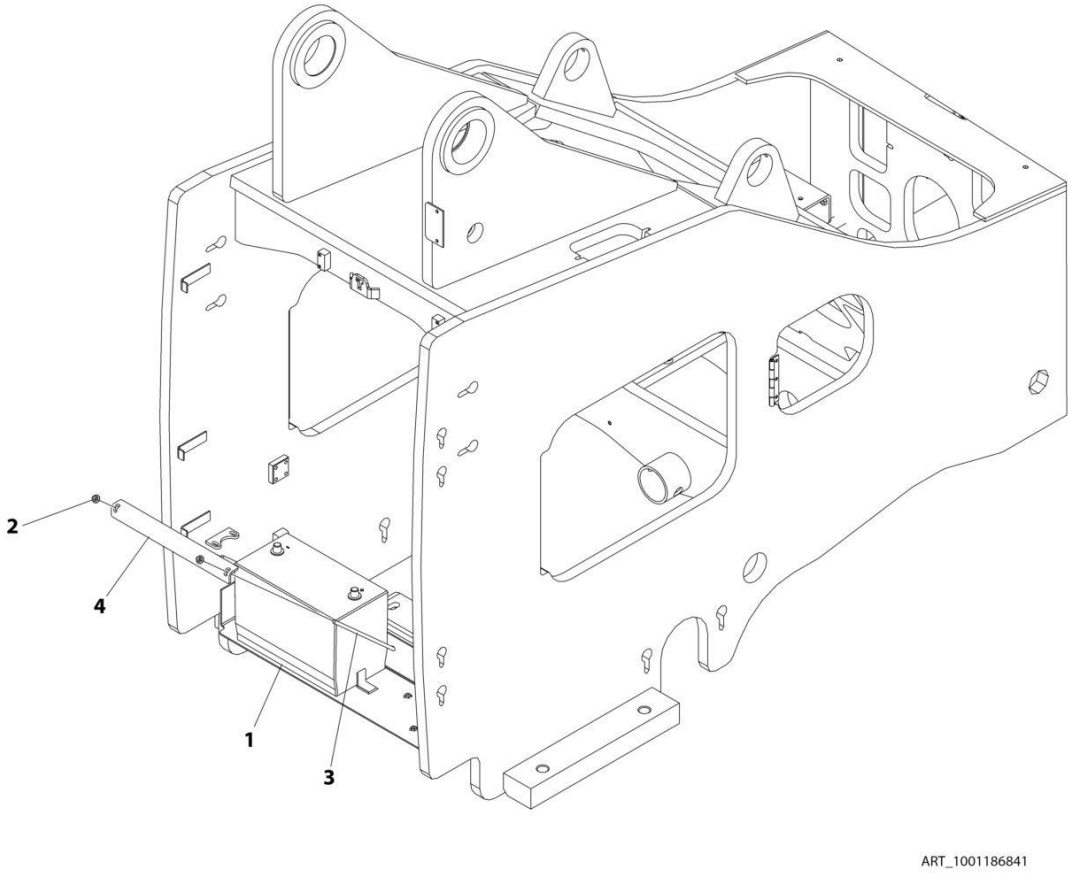


FIGURE 10-7. BATTERY INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186841	Ref	Battery Installation	B
1	0400075	1	Battery, 12V	
2	77143006	2	Nut 5/16	
3	91081640	2	Bolt, Battery Hold Down	
4	1001258991	1	Plate, Battery Hold Down	

FIGURE 10-8. BATTERY BLANKET INSTALLATION

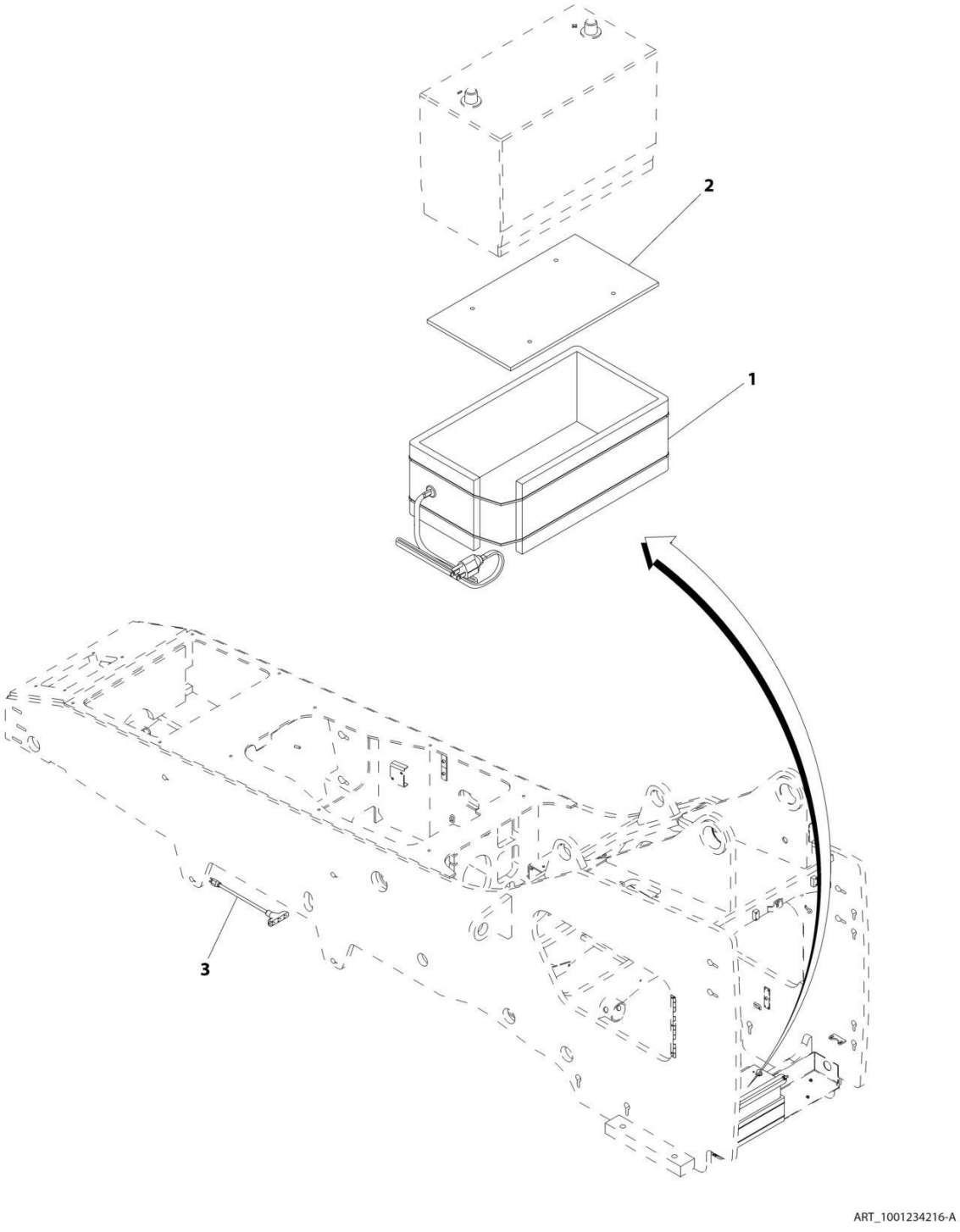


FIGURE 10-8. BATTERY BLANKET INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234216	Ref	Battery Blanket Installation	A
1	1001093564	1	Battery Heater	
2	1001119278	1	Battery Insulate	
3	1060626	1	3 Way Plug	

FIGURE 10-9. BEACON INSTALLATION (OPEN CAB)

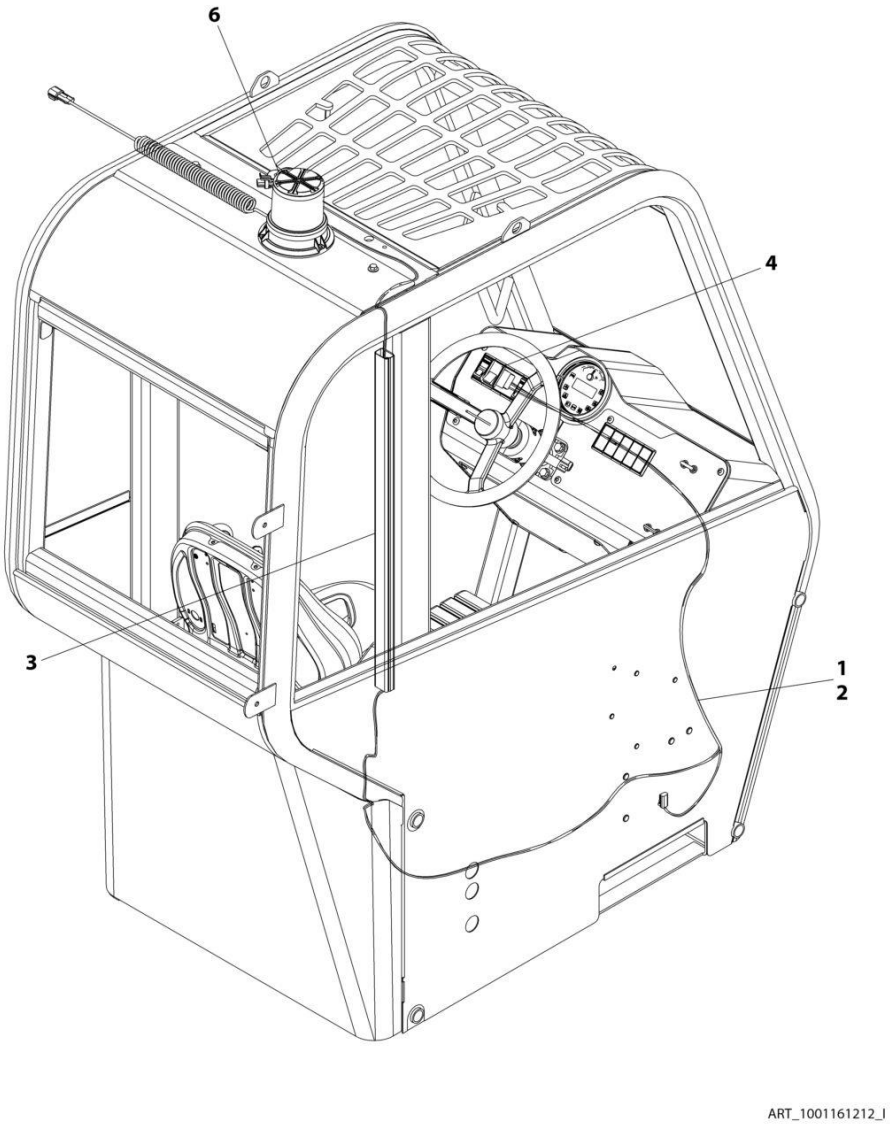


FIGURE 10-9. BEACON INSTALLATION (OPEN CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161212	Ref	LIGHTS - BEACON LIGHT INSTALLATION (OPEN CAB)	I
1	0100009	AR	Sealant	
2	1001178345	1	Harness, Beacon Option (See Separate Breakdown in this Section)	
3	1001182091	1	Duct, Upper Wire	
4	8223038	1	Switch, Beacon	
6	1001271586	1	Light, Rotating Beacon	

FIGURE 10-10. BEACON INSTALLATION (ENCLOSED CAB)

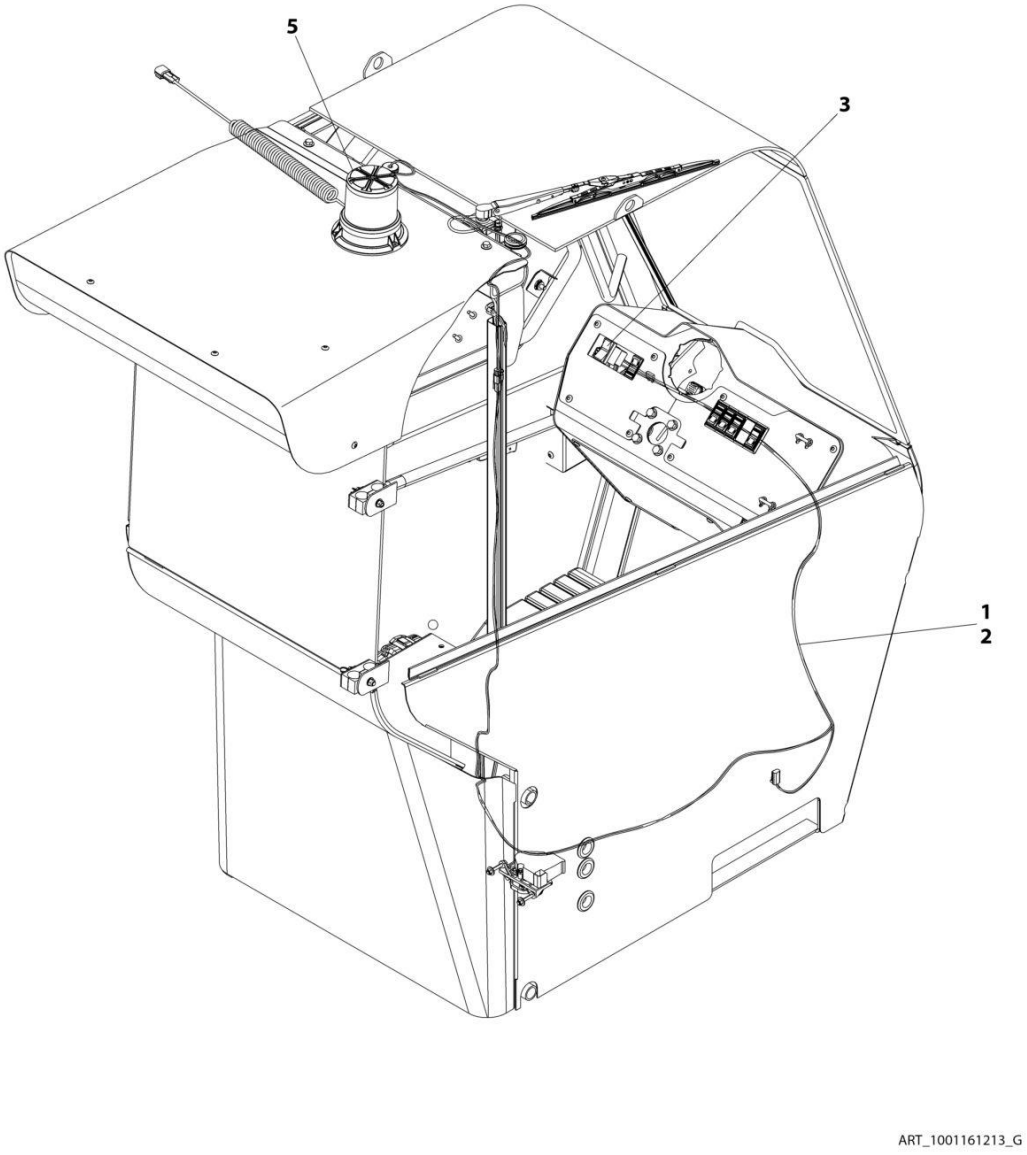


FIGURE 10-10. BEACON INSTALLATION (ENCLOSED CAB)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161213	Ref	LIGHTS - BEACON LIGHT INSTALLATION (ENCLOSED CAB)	G
1	0100009	AR	Sealant	
2	1001178345	1	Harness, Beacon Option (See Separate Breakdown in this Section)	
3	8223038	1	Switch, Beacon	
5	1001271586	1	Light, Rotating Beacon	

FIGURE 10-11. BEACON OPTION HARNESS

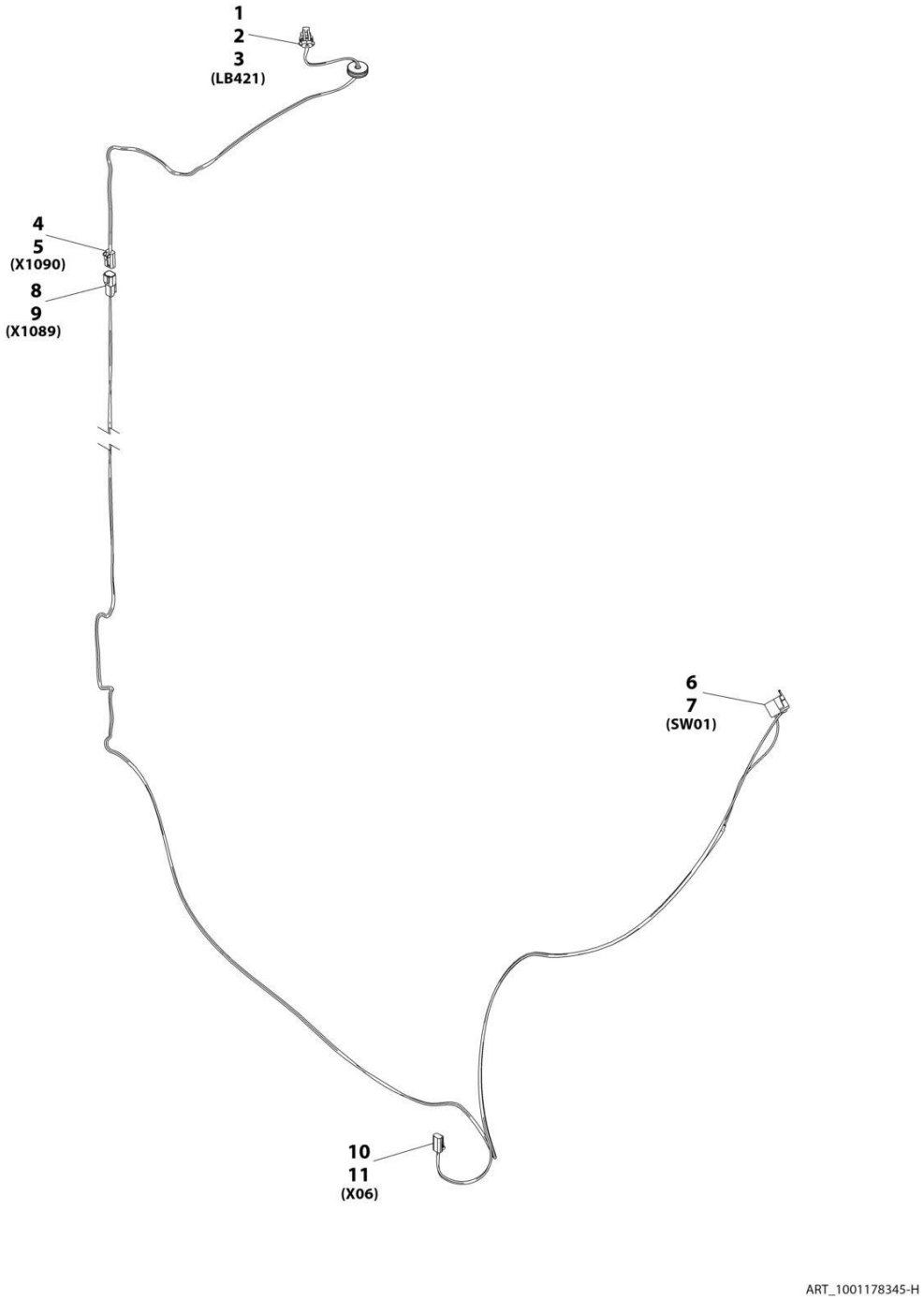
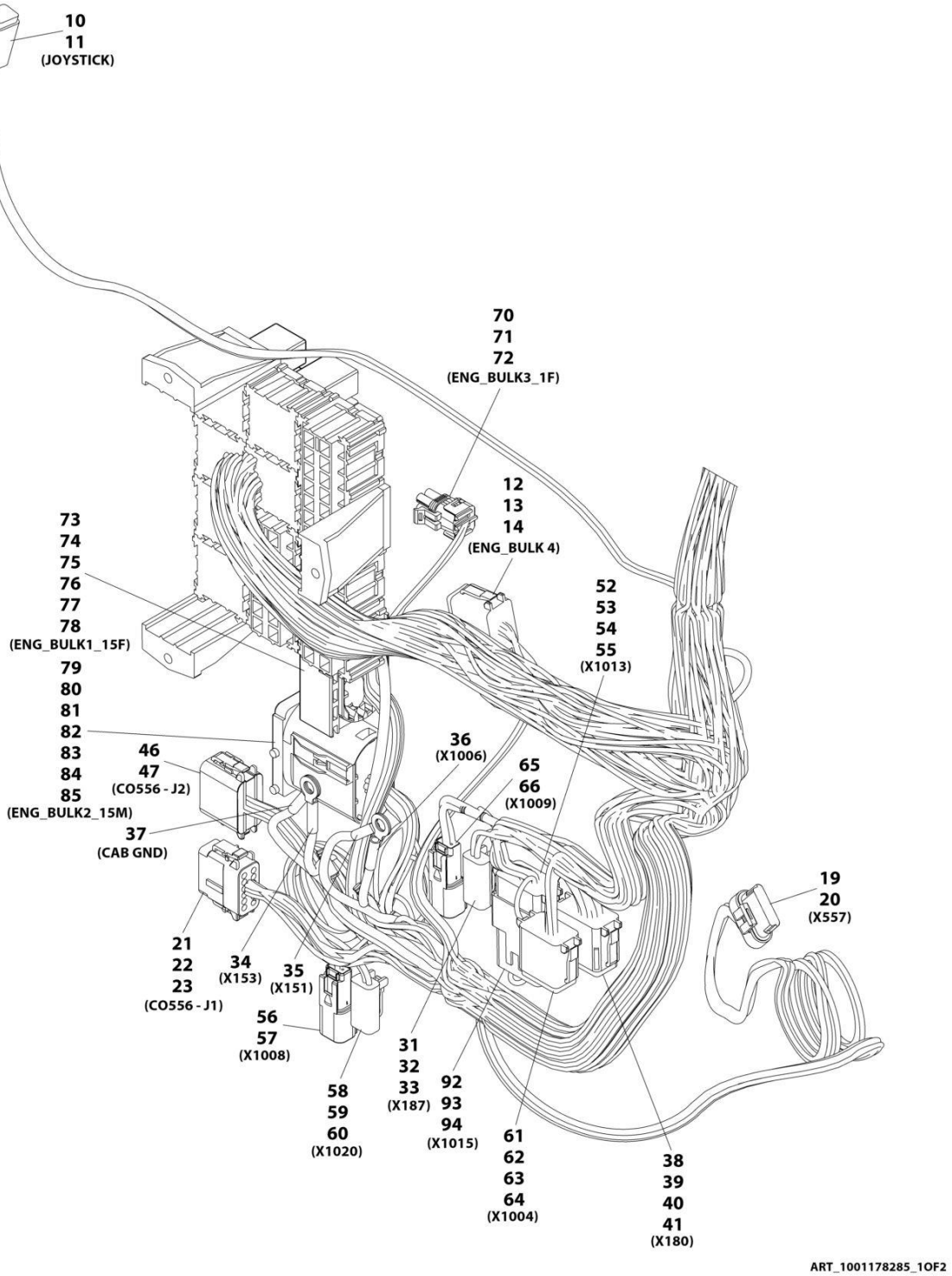


FIGURE 10-11. BEACON OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178345	Ref	Beacon Option Harness	H
1	1001117021	1	Connector	
2	1001116728	2	Terminal	
3	4460458	2	Seal	
4	4460891	1	Connector	
5	4460465	2	Terminal	
6	8220904	1	Connector	
7	4460419	5	Terminal	
8	4460897	1	Connector	
9	4460464	2	Terminal	
10	4460891	1	Connector	
11	4460465	2	Terminal	

FIGURE 10-12. CAB POWER DISTRIBUTION HARNESS



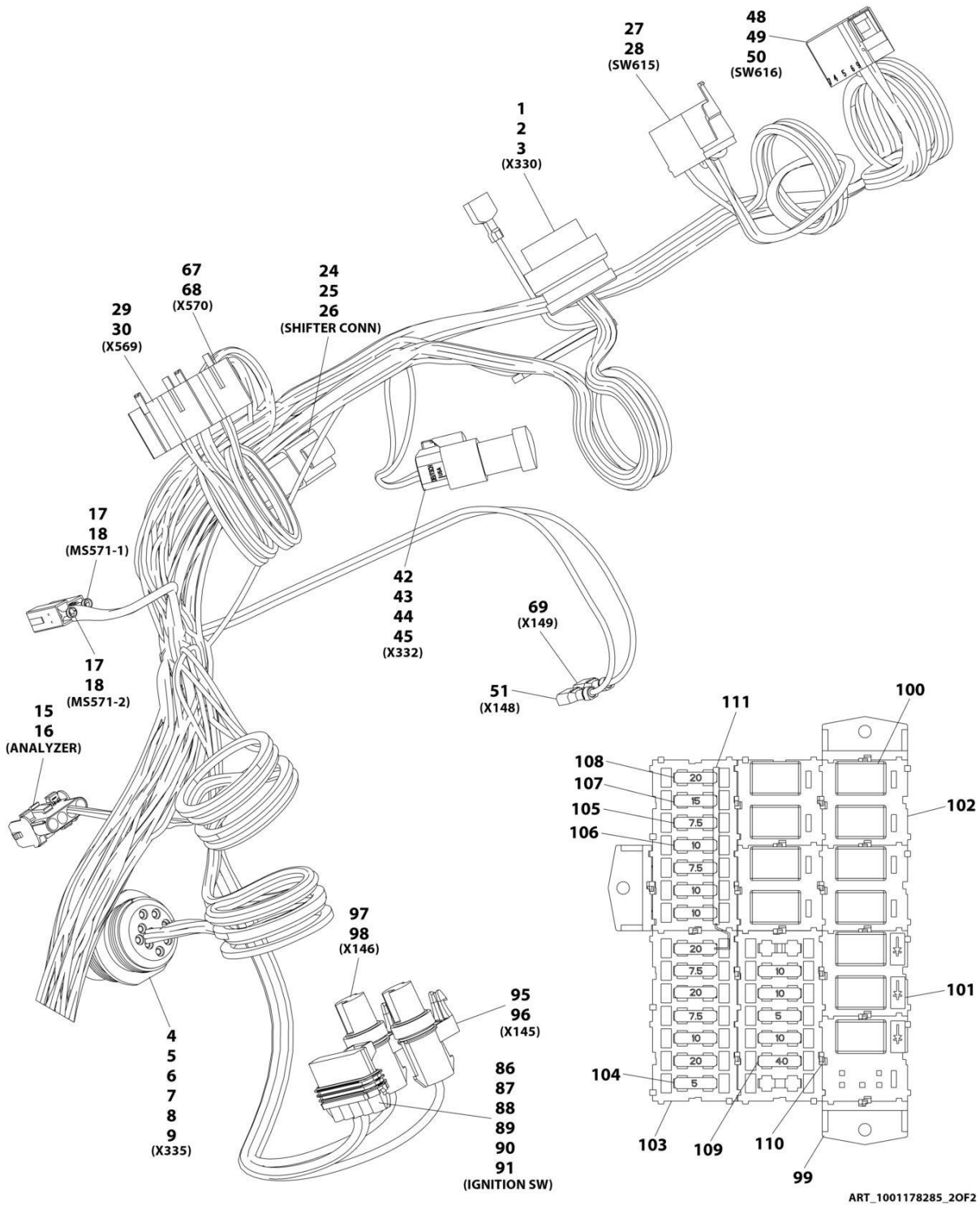

27
28
(SW615)
48
49
50
(SW616)
1
2
3
(X330)
67
68
(X570)
24
25
26
(SHIFTER CONN)
29
30
(X569)
17
18
(MS571-1)
42
43
44
45
(X332)
69
(X149)
17
18
(MS571-2)
51
(X148)
15
16
(ANALYZER)
111
100
108
107
105
106
102
101
104
103
109
110
99
97
98
(X146)
95
96
(X145)
4
5
6
7
8
9
(X335)
86
87
88
89
90
91
(IGNITION SW)
ART_1001178285_2OF2

FIGURE 10-12. CAB POWER DISTRIBUTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178285	Ref	Cab Power Distribution Harness	O
1	4460872	1	Connector	
2	4460871	10	Terminal, Socket	
3	4460905	4	Plug, Seal	
4	1001112612	1	Connector	
5	1001149712	1	Cap	
6	1001125784	1	Lockwasher	
7	1001125785	1	Nut	
8	4460464	6	Terminal	
9	4460466	3	Plug	
10	4460884	1	Connector	
11	4460465	4	Terminal	
12	4460930	1	Connector	
13	4460465	6	Terminal	
14	4460466	2	Plug	
15	4460761	1	Connector	
16	1001118378	4	Terminal	
17	4460994	2	Connector	
18	1001200833	4	Terminal	
19	1001230931	1	Connector	
20	1001116748	6	Terminal	
21	1001116808	1	Connector	
22	1001126008	10	Terminal, Socket	
23	4460518	2	Terminal, Plug	
24	4460970	1	Connector	
25	4460464	9	Terminal	
26	4460466	3	Plug	
27	8220904	1	Connector	
28	4460419	6	Terminal	
29	1001117119	1	Connector	
30	1001159186	4	Terminal	
31	4460891	1	Connector	
32	1001157890	1	Terminal	
33	4460942	1	Terminal	
34	1001117106	1	Terminal, Ring	
35	1001117106	1	Terminal, Ring	
36	1001117106	1	Terminal, Ring	
37	1001117106	1	Terminal, Ring	
38	4460836	1	Connector	
39	4460509	5	Terminal, Socket	
40	4460465	6	Terminal	
41	4460466	1	Plug	
42	1001116812	1	Connector	
43	4461070	1	Connector	
44	4460465	2	Terminal	
45	4460466	1	Plug	
46	1001116774	1	Connector	
47	1001126008	12	Terminal, Socket	
48	8220904	1	Connector	
49	4460419	8	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001195760	2	Terminal	
51	8220051	1	Terminal	
52	4460933	1	Connector	
53	1001003174	3	Terminal, Socket	
54	4460465	7	Terminal	
55	4460466	2	Terminal	
56	4460897	1	Connector	
57	4460464	2	Terminal	
58	4460891	1	Connector	
59	4460465	1	Terminal	
60	1001157890	1	Terminal	
61	4460930	1	Connector	
62	4460465	3	Terminal	
63	1001157890	2	Terminal	
64	4460466	3	Plug	
65	4461017	1	Connector	
66	4460508	2	Terminal, Socket	
67	1001117119	1	Connector	
68	1001159186	2	Terminal	
69	8220051	1	Terminal	
70	80963061	1	Connector	
71	4460790	4	Terminal, Socket	
72	8220089	4	Seal	
73	8220927	1	Connector	
74	1001116726	10	Terminal	
75	8220097	4	Terminal	
76	8220098	1	Terminal	
77	4460458	14	Seal	
78	4460789	1	Seal	
79	8220929	1	Connector	
80	1001116745	3	Terminal	
81	8220162	3	Terminal	
82	1001116729	8	Terminal	
83	1001116727	1	Plug	
84	4460458	11	Seal	
85	80963067	3	Seal	
86	1001121726	1	Connector	
87	8220125	2	Terminal	
88	8220089	2	Seal	
89	1001116726	1	Terminal	
90	4460458	1	Seal	
91	1001116727	2	Plug	
92	4460970	1	Connector	
93	4460466	6	Terminal	
94	4460464	6	Terminal	
95	1001121728	1	Connector, Packard Female, 1POS	
96	1001121730	1	Terminal	
97	1001121728	1	Connector, Packard Female, 1POS	
98	1001121730	1	Terminal	
99	1001200845	3	Leg, Mounting	
100	1001205172	11	Relay, Micro 280, 12V, 35 Amp	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001129285	3	Fuse, Mini Diode	
102	1001177198	6	Module, 2 Fuse	
103	1001187952	3	Assembly, Electrical	
104	8229261	2	Fuse, Type 5 A	
105	8229233	4	Fuse, Type 7.5 A	
106	8229234	7	Fuse, Type 10 A	
107	8229237	1	Fuse, Type 15 A	
108	8229235	4	Fuse, Type 20 A	
109	8229238	1	Fuse, Type 40 A	
110	4461103	17	Relay, Locking Wedge	
111	1001210779	1	Terminal	
112	1001116710	43	Terminal	
113	1001116712	12	Terminal	
114	1001210779	1	Terminal	
115	1001192050	10	Terminal	
116	1001210776	4	Terminal	
117	1001192049	11	Terminal	
118	1001210778	2	Terminal	
119	1001210777	8	Terminal	

FIGURE 10-13. CAMERA INSTALLATION - REVERSE MULTI-VIEW

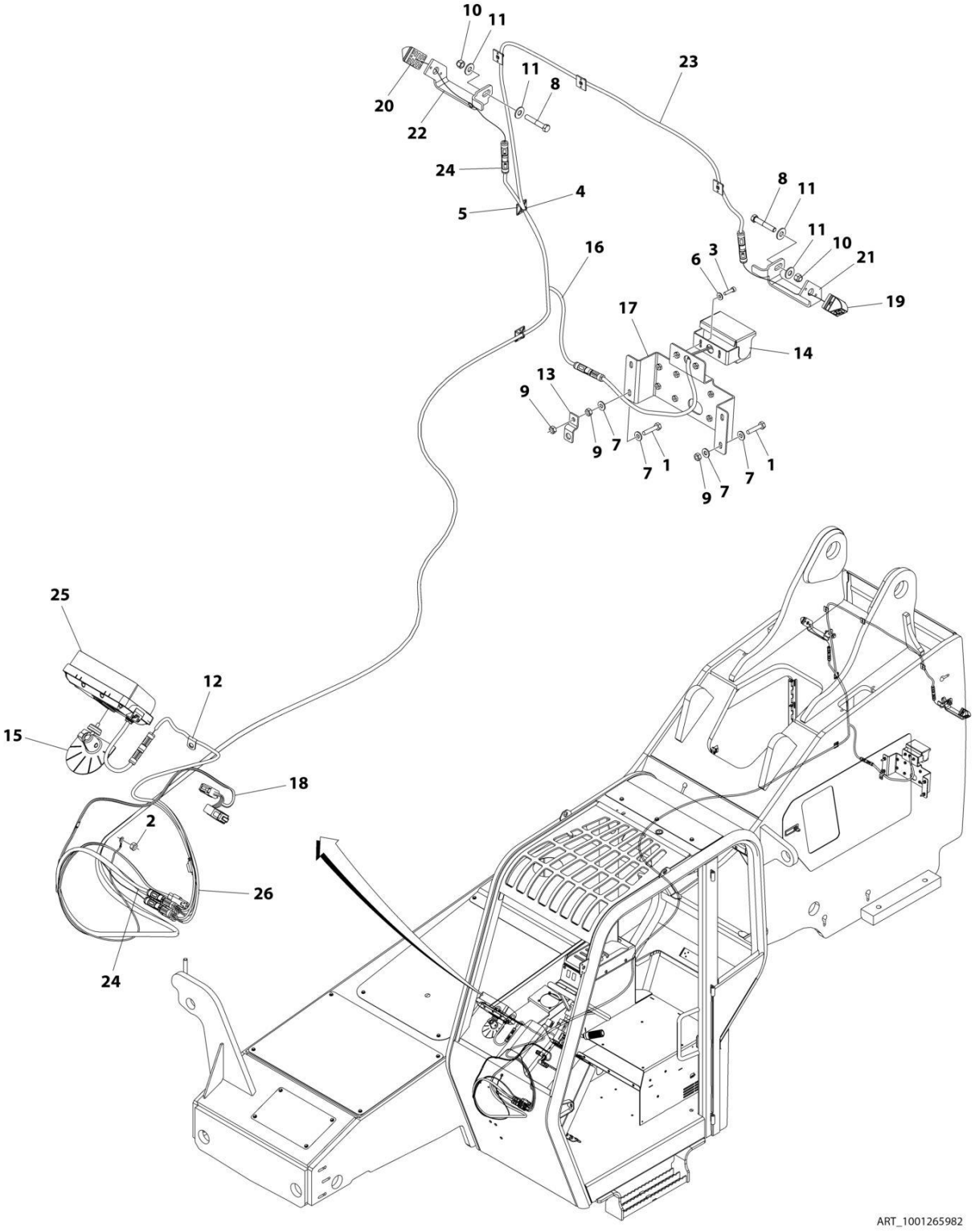


FIGURE 10-13. CAMERA INSTALLATION - REVERSE MULTI-VIEW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265982	Ref	SKYTRAK BACKUP CAMERA INSTALLATION	A
1	0641410	4	Bolt 1/4 x 1	
2	3311401	1	Nut 1/4	
3	3931012	2	Capscrew, #10 x 3/4	
4	4240032	1	Tie-Strap	
5	4460234	1	Mount, Tie-Strap	
6	4711000	2	Washer M10	
7	4711400	8	Washer 1/4	
8	8303771	1	Bolt 3/8 x 2-1/4	
9	8305004	5	Nut 1/4	
10	8305645	2	Nut 3/8	
11	8307204	4	Washer 3/8	
12	8406010	1	Clip	
13	1001204692	1	Bracket	
14	1001233174	1	Camera, Rear View	
15	1001233217	1	Bracket, Monitor Mount	
16	1001233434	1	Harness, Extension Cable Camera	
17	1001233828	1	Bracket, Camera Mount	
18	1001233976	1	Harness, Rear Camera Option (See Separate Breakdown in this Section)	
19	1001264534	1	Camera (LH)	
19	70031717	1	Cable, Camera	
20	1001264536	1	Camera (RH)	
20	70031717	1	Cable, Camera	
21	1001265679	1	Bracket, Camera (LH)	
22	1001265680	1	Bracket, Camera (RH)	
23	1001265979	1	Harness, Extension (LH)	
24	1001265980	1	Harness, Extension (RH)	
25	1001265986	1	Monitor, Display	
26	1001265987	1	Harness, Monitor/Display	

FIGURE 10-14. CAMERA OPTION HARNESS - REVERSE

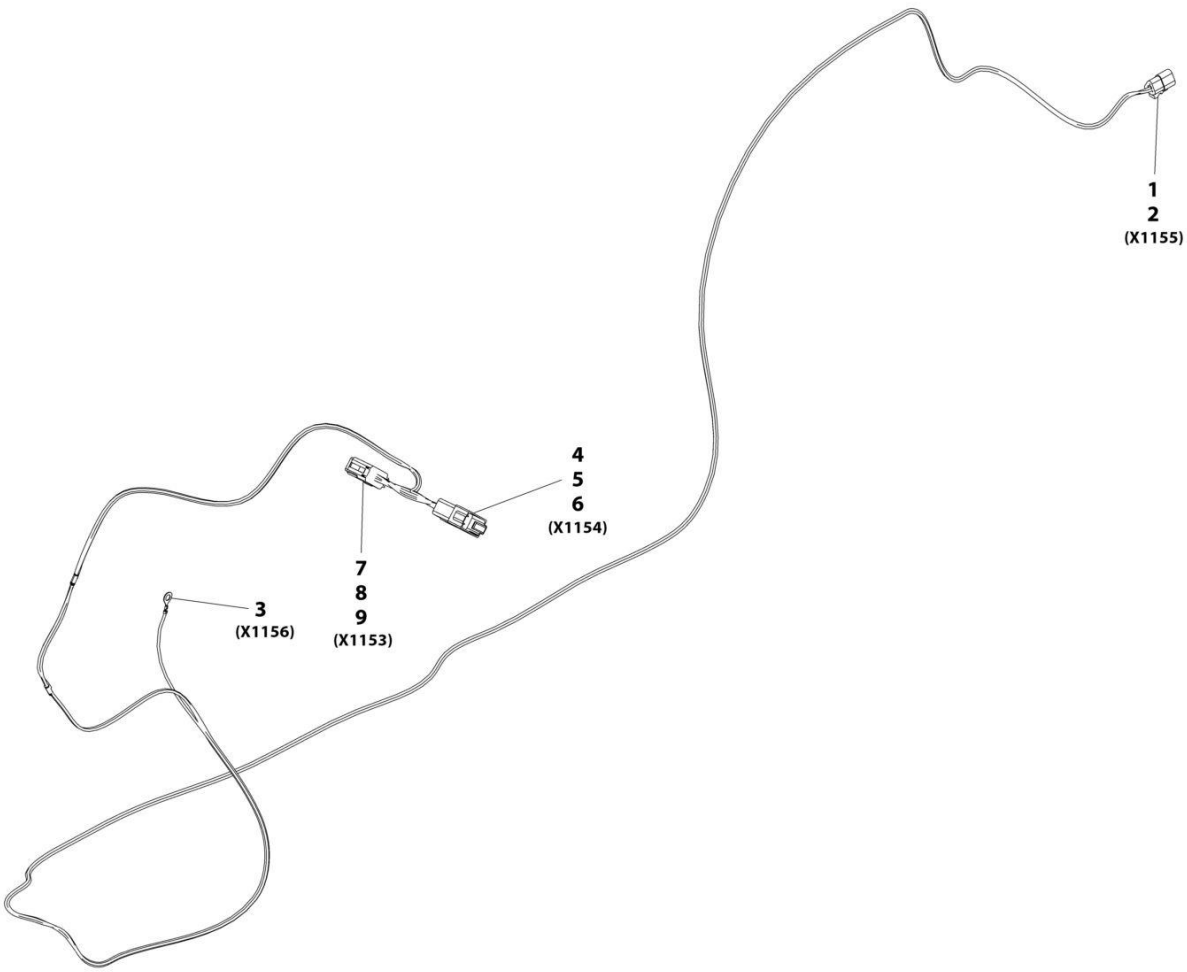


FIGURE 10-14. CAMERA OPTION HARNESS - REVERSE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001233976	Ref	Skytrak Rear Camera Option Harness	A
1	4460539	1	Connector	
2	4460465	3	Terminal	
3	1001207173	1	Terminal, Ring	
4	4460970	1	Connector	
5	4460464	9	Terminal	
6	4460466	3	Plug	
7	4460933	1	Connector	
8	4460465	9	Terminal	
9	4460466	3	Plug	

FIGURE 10-15. CLEARSKY INSTALLATION CANBUS (ANSI)

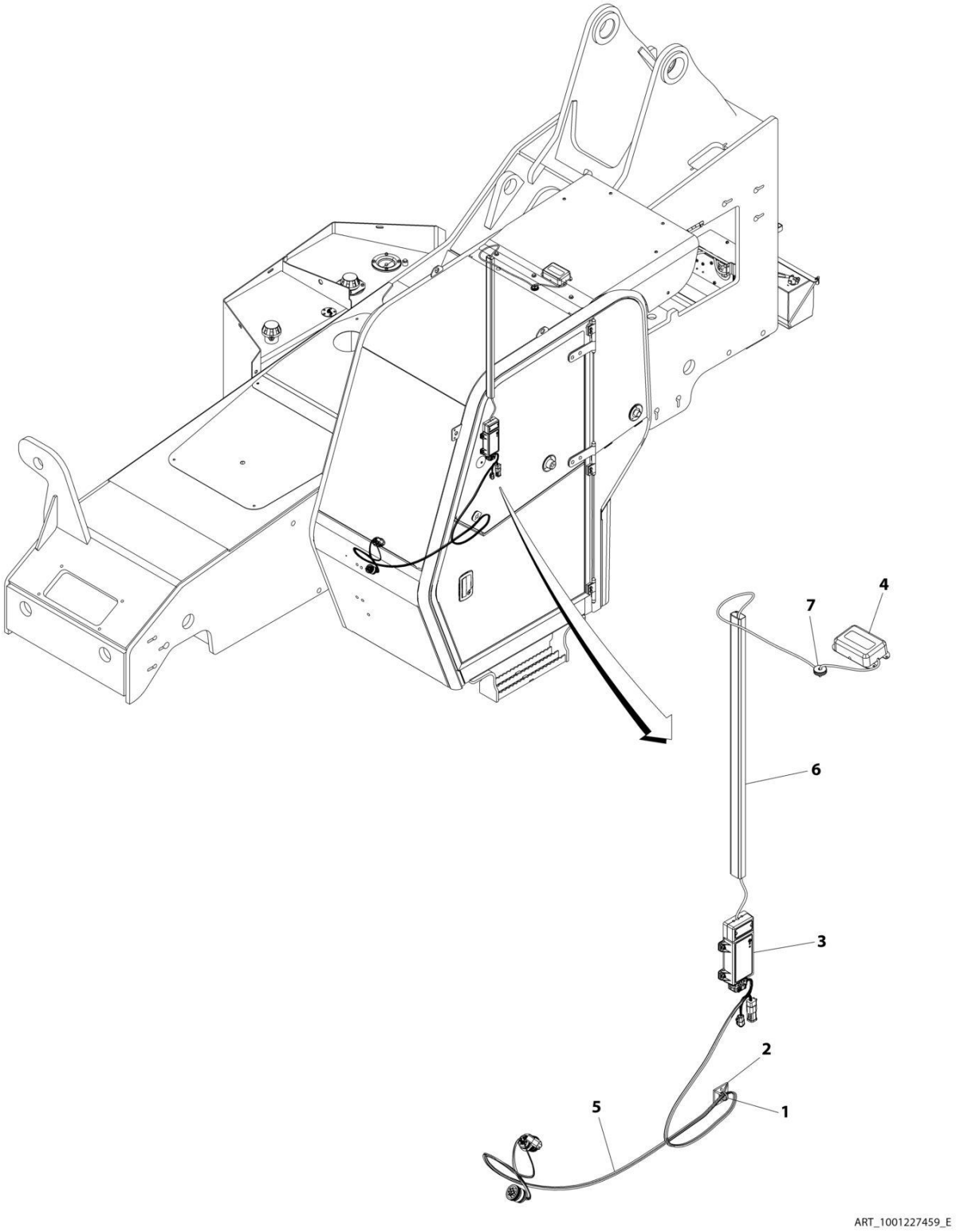


FIGURE 10-15. CLEARSKY INSTALLATION CANBUS (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227459	Ref	CLEARSKY INSTALLATION	E
1	4240032	AR	Tie-Strap	
2	4460234	AR	Mount, Tie-Strap	
3	1001262322	1	Module (4G)	
4	1001262327	1	Antenna (4G)	
5	1001226856	1	Harness, Clearsky (See Separate Breakdown in this Section)	
6	1001182091	1	Duct, Wire	
7	1001195913	1	Grommet	

FIGURE 10-16. CLEARSKY INSTALLATION CANBUS (CE)

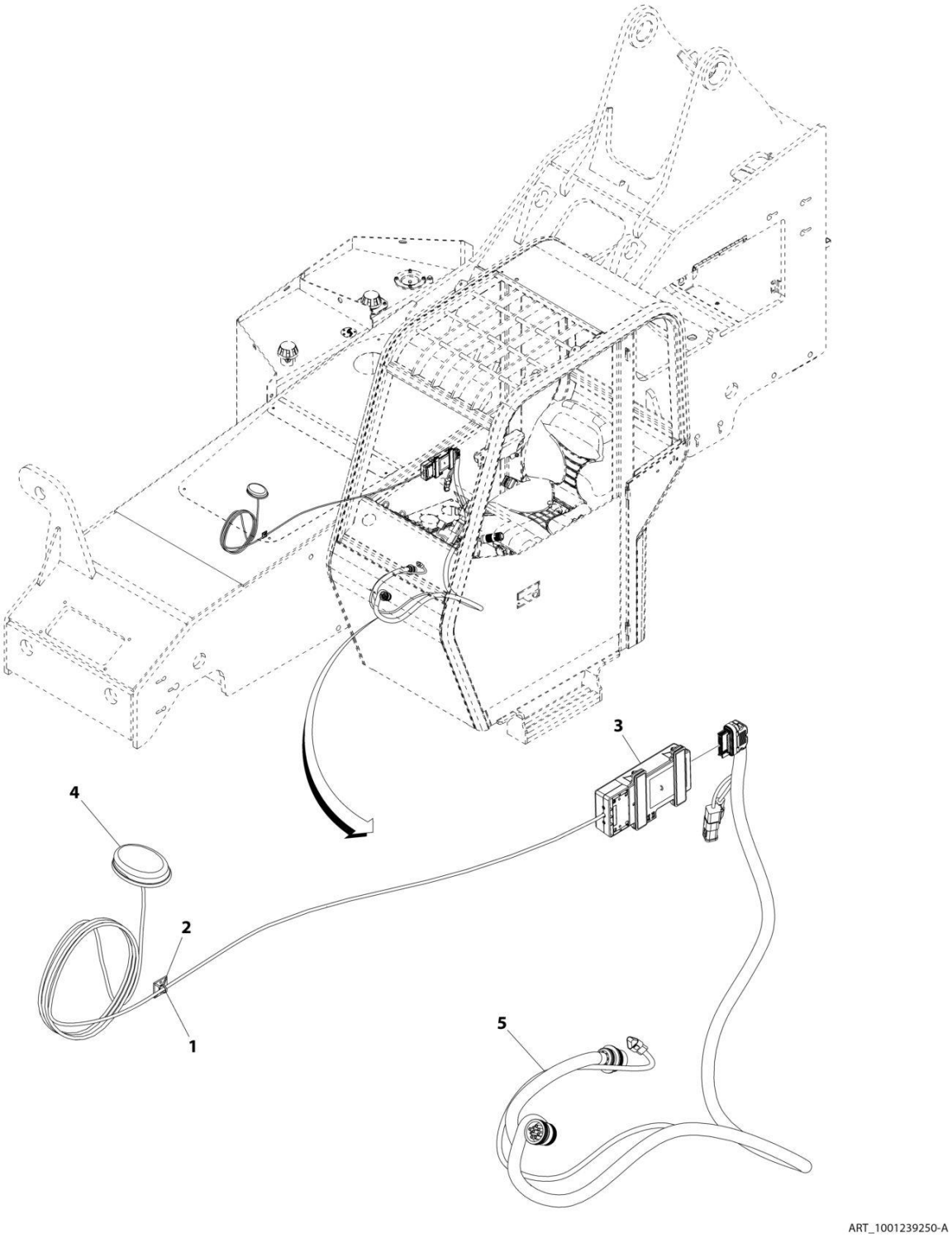


FIGURE 10-16. CLEARSKY INSTALLATION CANBUS (CE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239250	Ref	Clearsky Installation (CE)	A
1	4240032	AR	Tie-Strap	
2	4460234	AR	Mount, Tie-Strap	
3	1001228954	1	Module	
4	1001226799	1	Antenna	
5	1001226856	1	Harness, Clearsky (See Separate Breakdown in this Section)	

FIGURE 10-17. CLEARSKY INSTALLATION 3-WIRE (ANSI)

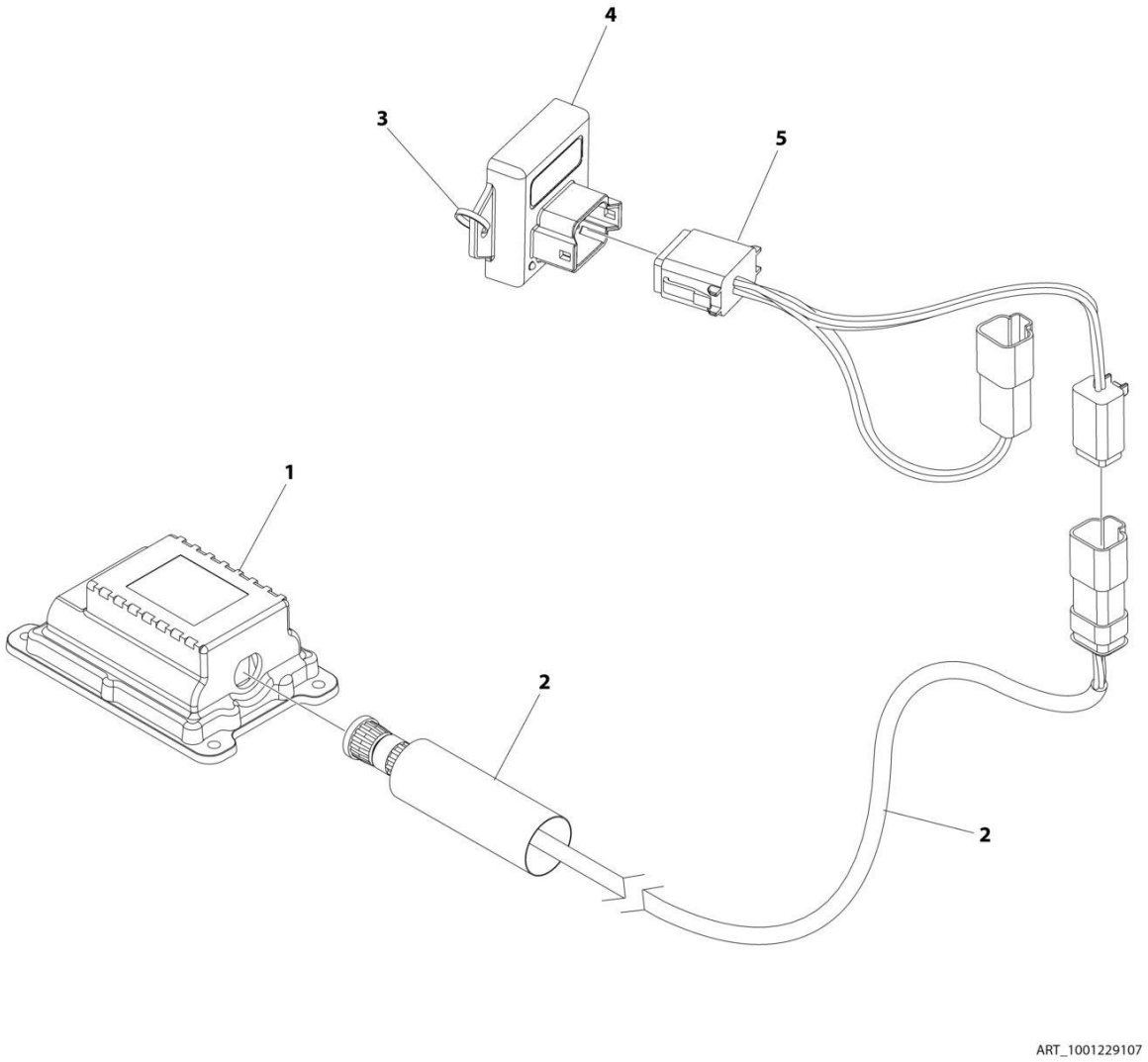


FIGURE 10-17. CLEARSKY INSTALLATION 3-WIRE (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229107	Ref	CLEARSKY INSTALLATION 3-WIRE	D
1	1001226328	1	Module, 3W TCU	
2	1001227066	1	Telematics ClearSky Harness (See Separate Breakdown in this Section)	
3	4240032	AR	Tie-Strap	
4	1001262960	1	Voltage Regulator	
5	1001262963	1	Harness, Xirgo Jumper	

FIGURE 10-18. CLEARSKY INSTALLATION 3-WIRE (CE)

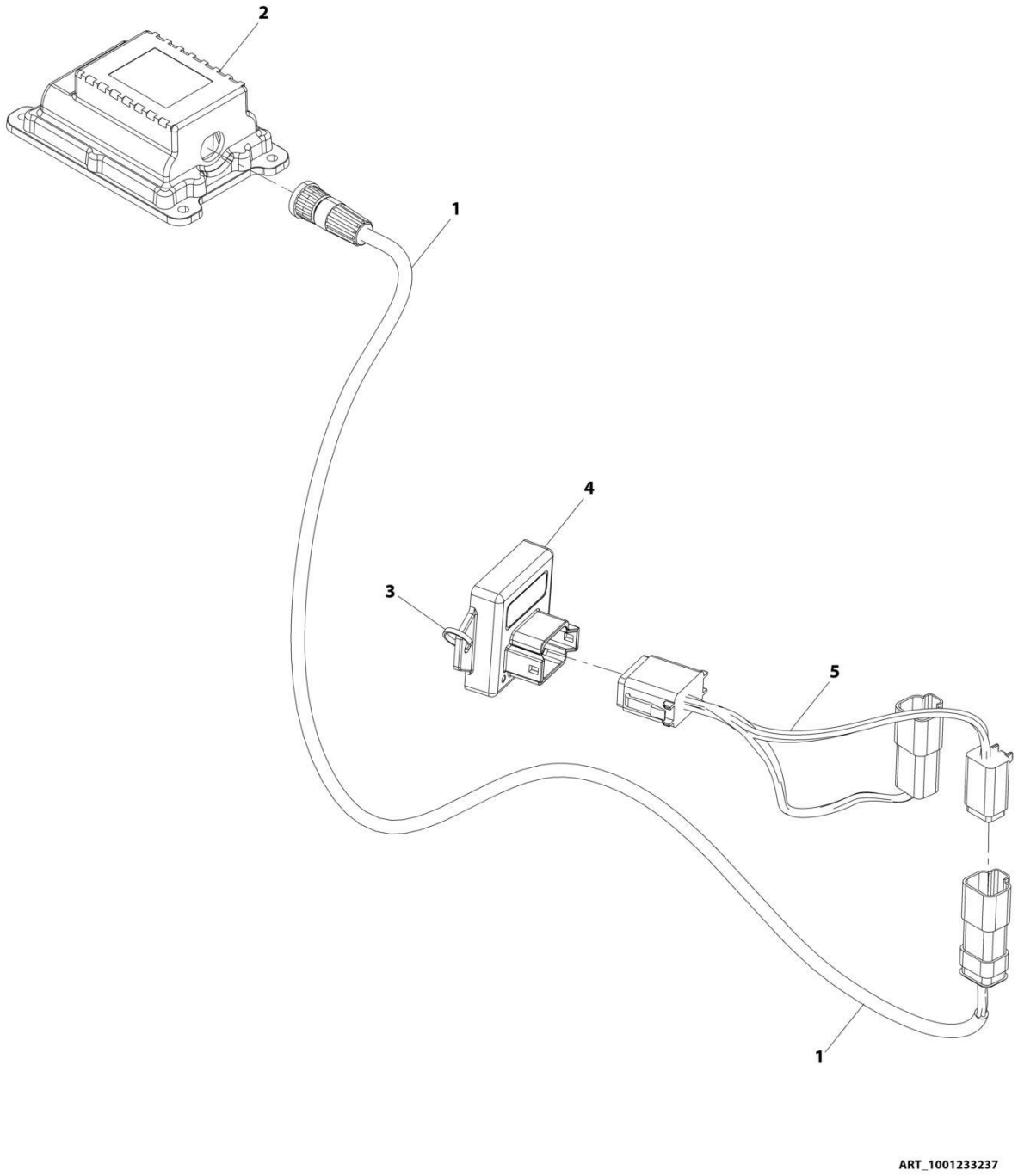


FIGURE 10-18. CLEARSKY INSTALLATION 3-WIRE (CE)

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

FIGURE 10-19. CLEARSKY TELEMATICS HARNESS (CANBUS)

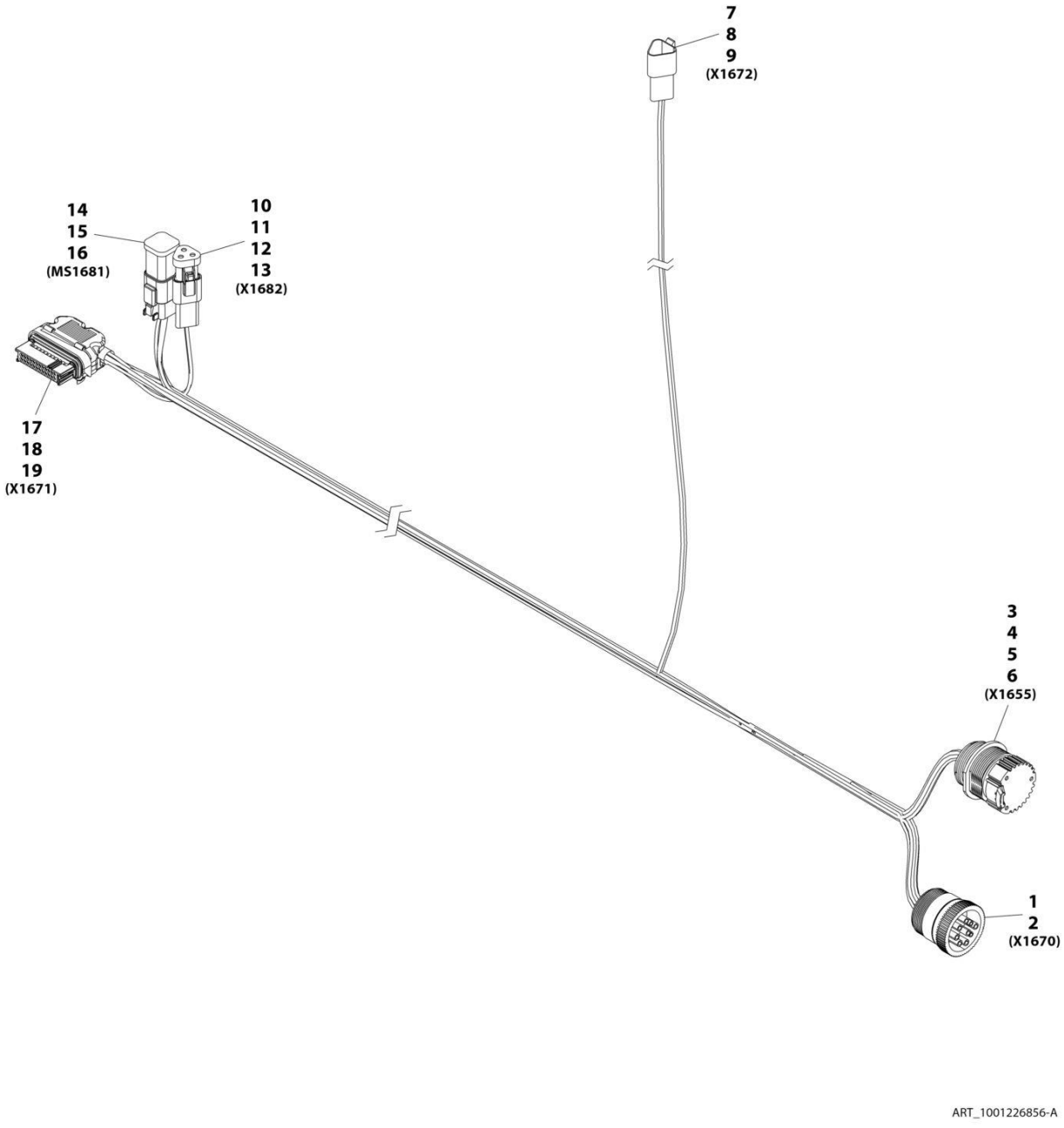


FIGURE 10-19. CLEARSKY TELEMATICS HARNESS (CANBUS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226856	Ref	Clearsky Telematics Harness	A
1	1001112796	1	Connector	
2	4460465	9	Terminal	
3	1001112612	1	Connector	
4	1001149712	1	Cap	
5	1001116693	6	Terminal	
6	4460466	3	Plug	
7	1001144147	1	Connector	
8	4460464	2	Terminal	
9	4460466	1	Plug	
10	1001144147	1	Connector	
11	1001116815	1	Plug	
12	4460464	2	Terminal	
13	4460466	1	Plug	
14	4460894	1	Connector	
15	1001226541	1	Bussbar	
16	4460465	6	Terminal	
17	1001226636	1	Connector	
18	1001116731	16	Plug	
19	1001226637	8	Terminal	

FIGURE 10-20. CLEARSKY TELEMATICS HARNESS (3-WIRE)

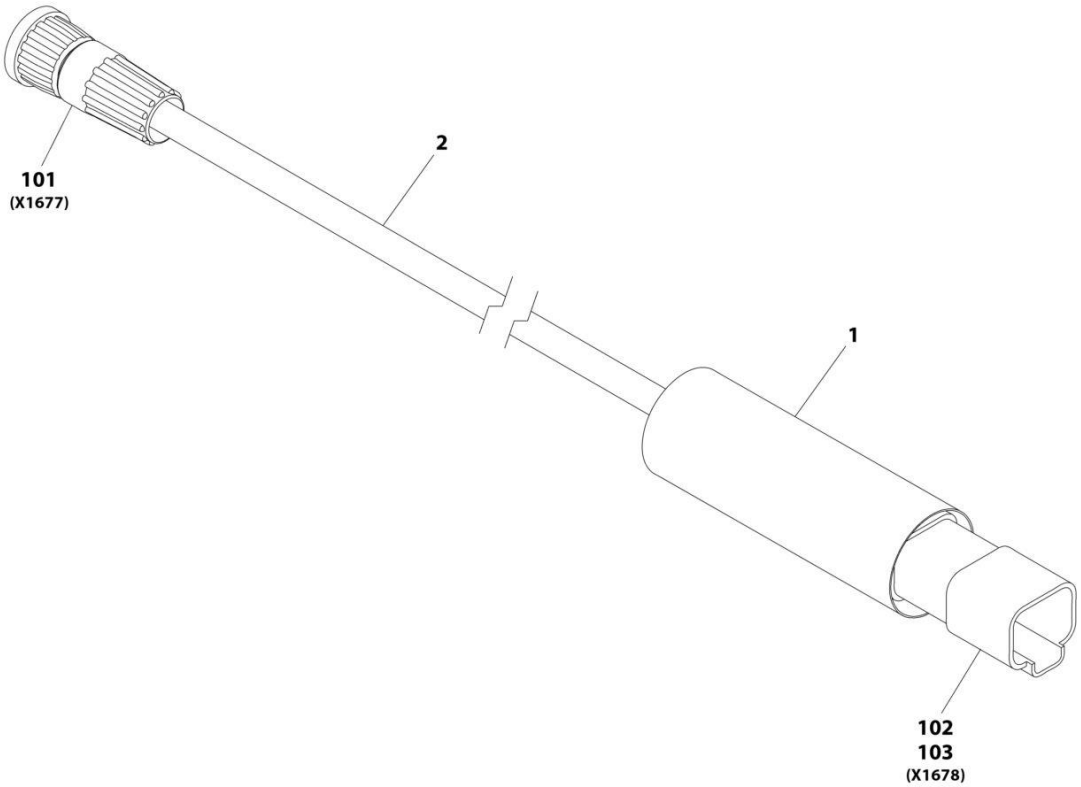


FIGURE 10-20. CLEARSKY TELEMATICS HARNESS (3-WIRE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227066	Ref	CLEARSKY TELEMATICS HARNESS	A
1	1001226400	0.33 ft	Insulate, Heat Shrink	
2	1001227068	3.3 ft	Cable	
101	1001227266	1	Connector	
102	1001129407	1	Connector	
103	4460464	4	Terminal	

FIGURE 10-21. CLEARSKY TELEMATICS 3-WIRE INSTALLATION

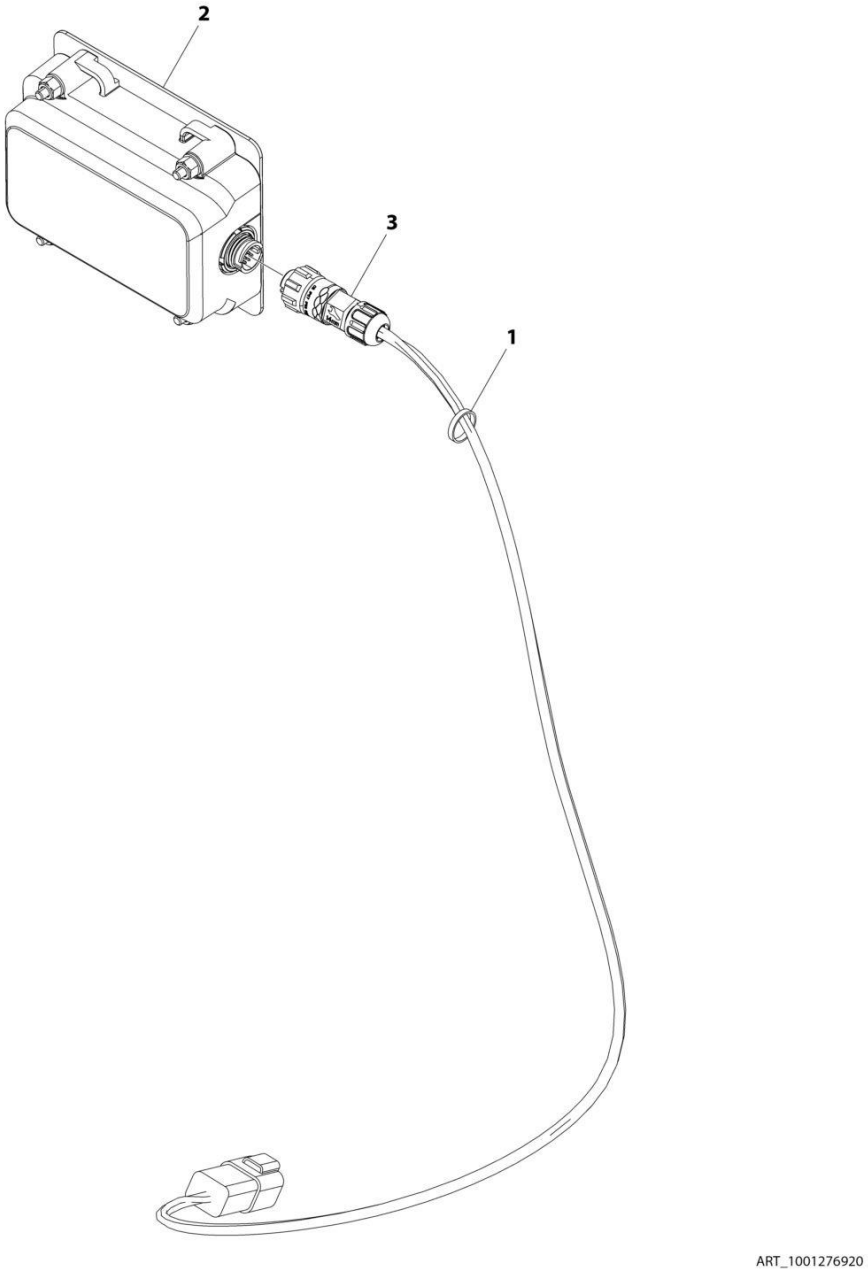


FIGURE 10-21. CLEARSKY TELEMATICS 3-WIRE INSTALLATION

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 10-22. CLEARSKY TELEMATICS 3-WIRE HARNESS

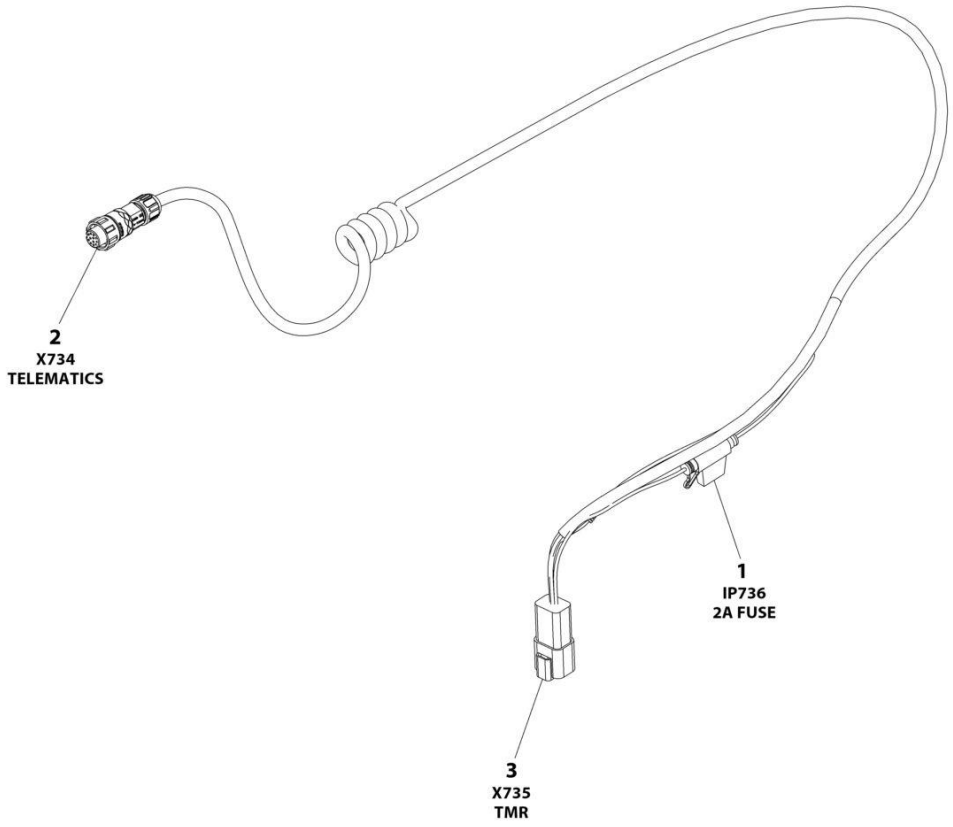


FIGURE 10-22. CLEARSKY TELEMATICS 3-WIRE HARNESS

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 10-23. COLD WEATHER PACKAGE INSTALLATION

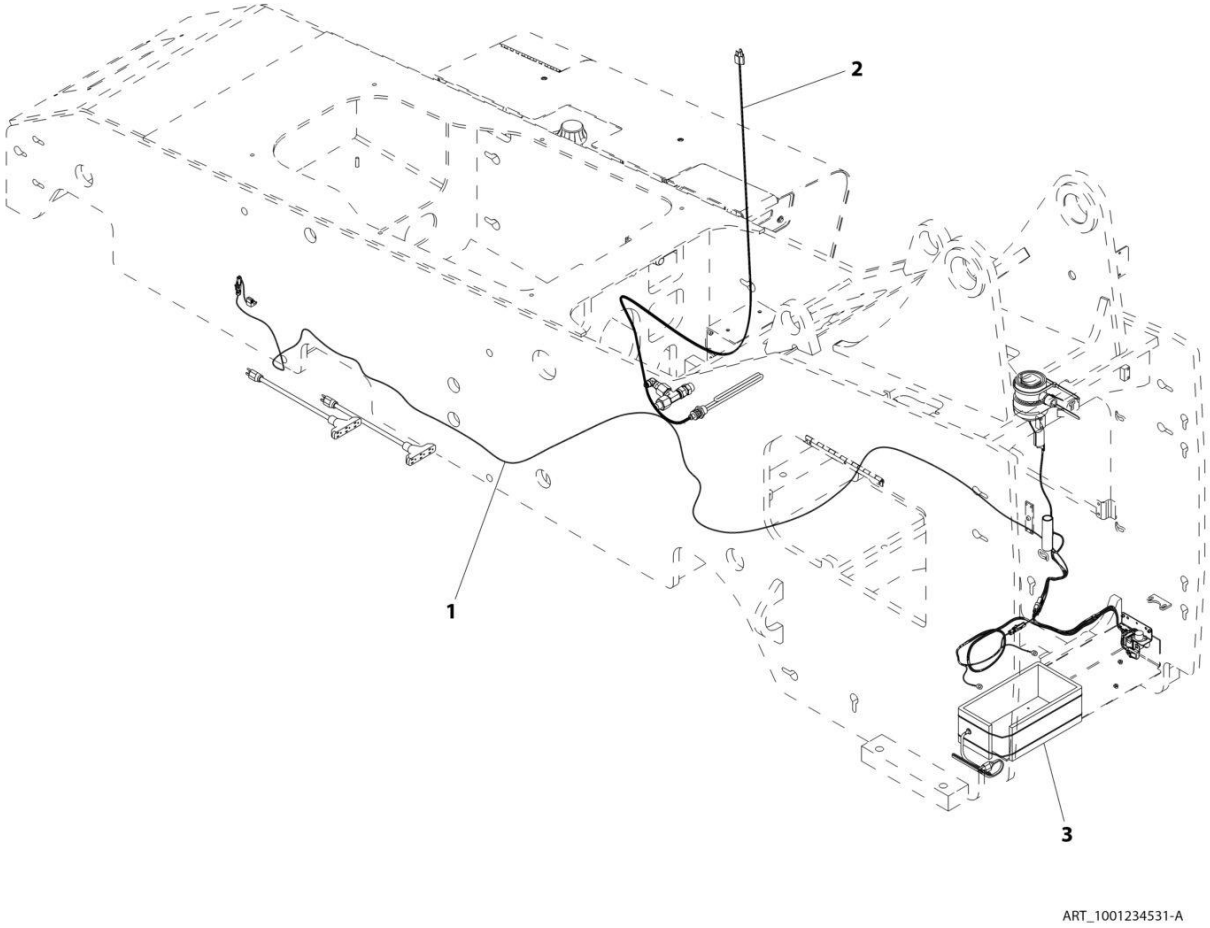


FIGURE 10-23. COLD WEATHER PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234531	Ref	Arctic Weather Package Installation - 74 HP (ULS)	A
1	1001232750	Ref	Heater, Breather - 74 HP (See Separate Breakdown in ENGINE AND ATTACHING PARTS Section)	
2	1001234098	Ref	Installation, Tank Heater (See Separate Breakdown in this Section)	
3	1001234216	Ref	Installation, Battery Blanket (See Separate Breakdown in this Section)	

FIGURE 10-24. COLD WEATHER PACKAGE INSTALLATION

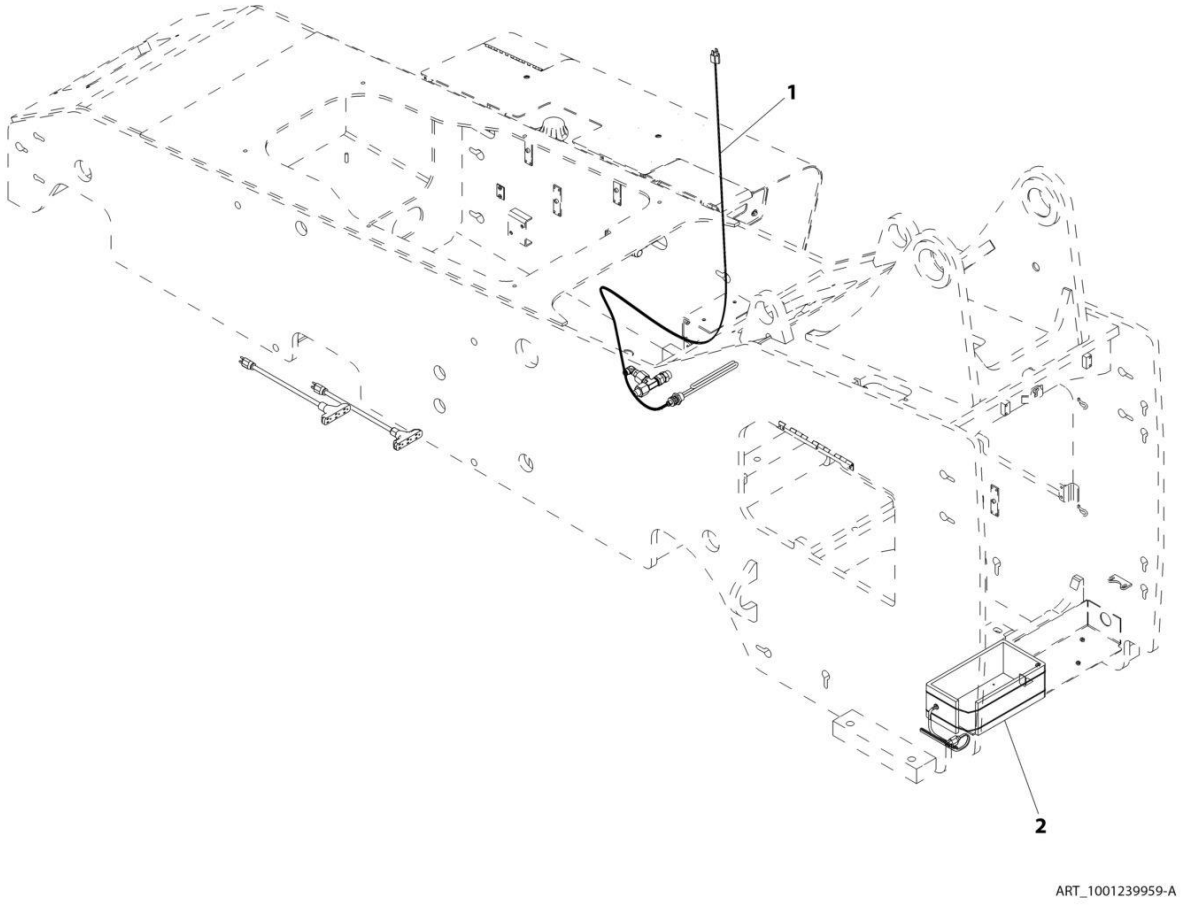
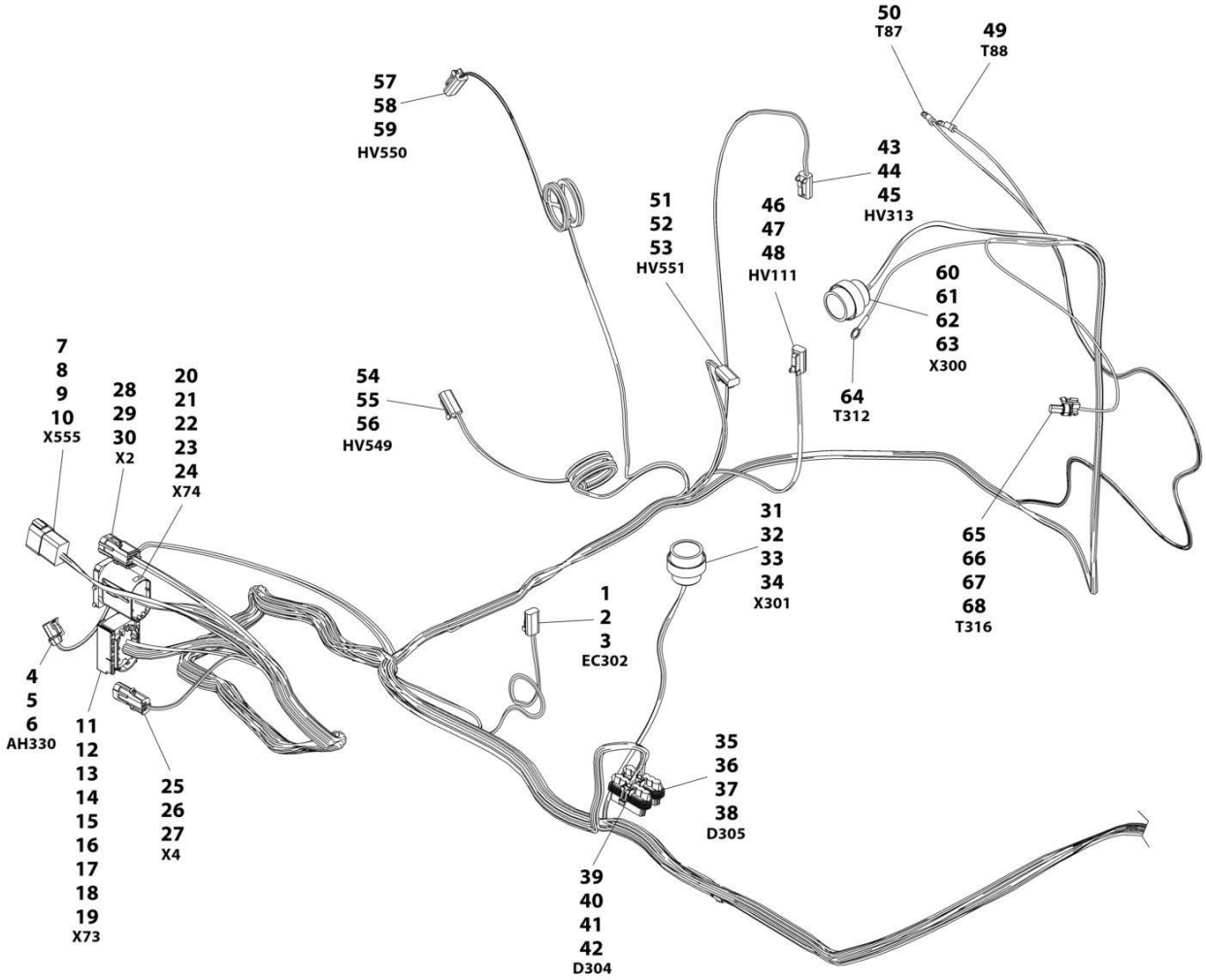


FIGURE 10-24. COLD WEATHER PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239959	Ref	Cold Weather Package Installation	A
1	1001234098	1	Installation, Tank Heater (See Separate Breakdown in this Section)	
2	1001234216	1	Installation, Battery Blanket (See Separate Breakdown in this Section)	

FIGURE 10-25. ENGINE HARNESS - 74HP (ULS)



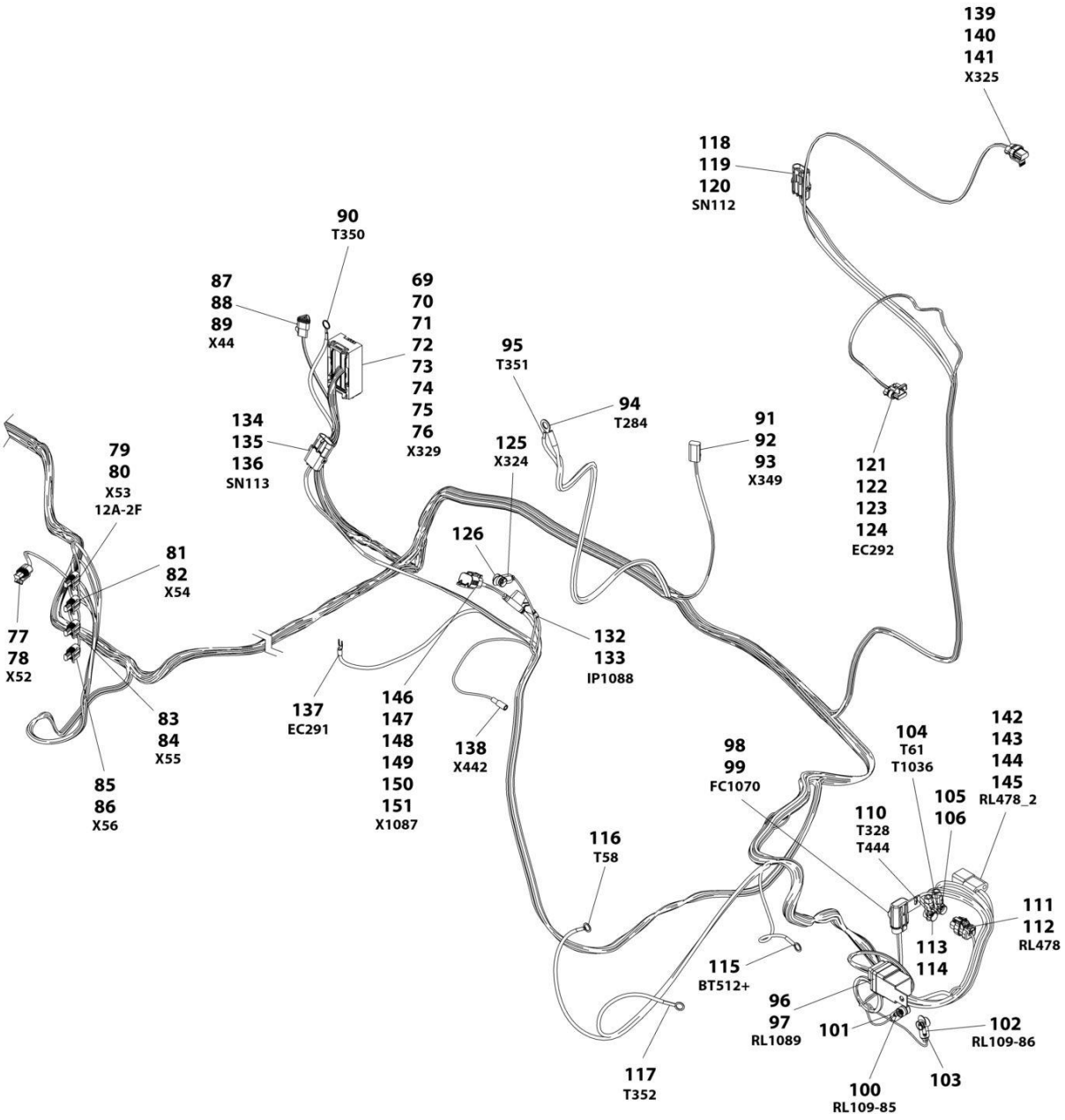


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FIGURE 10-25. ENGINE HARNESS - 74HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199889	Ref	ENGINE HARNESS 74HP (IF EQUIPPED FOR ULS)	I
1	4460891	1	Connector	
2	80604018	1	Lock, Wedge	
3	4460465	2	Terminal	
4	1001117068	1	Connector	
5	8220124	2	Terminal	
6	80963067	2	Seal	
6	4460608	2	Seal	
7	4460931	1	Connector	
8	91503106	1	Lock, Wedge	
9	4460464	4	Terminal	
10	4460466	4	Plug	
11	8220927	1	Connector	
12	70024256	1	Lock, Slide	
13	70024255	1	Seal, Connector	
14	70024254	1	Lock, Secondary	
15	8220097	10	Terminal	
16	4460458	10	Seal	
17	8220098	3	Terminal	
18	80963067	3	Seal	
19	1001116727	2	Plug	
20	8220929	1	Connector	
21	70024253	1	Lock, Secondary	
22	1001116745	1	Terminal	
23	1001116729	14	Terminal	
24	4460458	15	Seal	
25	4461157	1	Connector	
26	4460475	2	Terminal	
27	4460458	2	Seal	
28	80963062	1	Connector	
29	4460850	4	Terminal	
30	80963067	4	Seal	
31	8220536	1	Connector	
32	1001116758	12	Plug	
33	1001116757	4	Terminal	
34	1001189875	4	Seal	
35	4460744	1	Connector	
36	1001116728	4	Terminal	
37	1001116727	2	Plug	
38	8220081	4	Seal	
39	4460744	1	Connector	
40	1001116728	4	Terminal	
41	1001116727	2	Plug	
42	8220081	4	Seal	
43	4460891	1	Connector	
44	80604018	1	Lock, Wedge	
45	4460465	2	Terminal	
46	4460891	1	Connector	
47	80604018	1	Lock, Wedge	
48	4460465	2	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4460042	1	Terminal, Ring	
50	4460042	1	Terminal, Ring	
51	4460891	1	Connector	
52	80604018	1	Lock, Wedge	
53	4460465	2	Terminal	
54	4460891	1	Connector	
55	80604018	1	Lock, Wedge	
56	4460465	2	Terminal	
57	4460891	1	Connector	
58	80604018	1	Lock, Wedge	
59	4460465	2	Terminal	
60	8220536	1	Connector	
61	1001116757	4	Terminal	
62	1001116758	12	Plug	
63	1001189875	4	Seal	
64	4460256	1	Terminal, Ring	
65	1001119004	1	Connector	
66	8220889	1	Lock, Secondary	
67	1001116728	1	Terminal	
68	4460458	1	Seal	
69	1001167641	1	Connector	
70	1001167643	1	Cover	
71	1001167644	1	Lock, Secondary	
72	1001167646	1	Lock, Secondary	
73	1001167647	1	Boot, Rubber	
74	1001167648	10	Terminal	
75	1001167650	75	Plug	
76	1001167649	11	Terminal	
77	4460955	1	Connector	
78	1001116748	2	Terminal	
79	4460955	1	Connector	
80	1001116748	2	Terminal	
81	4460955	1	Connector	
82	1001116748	2	Terminal	
83	4460955	1	Connector	
84	1001116748	2	Terminal	
85	4460955	1	Connector	
86	1001116748	2	Terminal	
87	4461095	1	Connector	
88	4460465	2	Terminal	
89	4460466	1	Plug	
90	4460019	1	Terminal, Ring	
91	4460891	1	Connector	
92	80604018	1	Lock, Wedge	
93	4460465	2	Terminal	
94	8220164	2	Terminal, Ring	
95	4460019	1	Terminal, Ring	
96	1001145707	1	Connector	
97	1001116732	4	Terminal	
98	1001117070	1	Connector	
99	1001116734	2	Terminal	

SECTION 10 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
100	4460247	1	Terminal, Ring	
101	1001195057	1	Red Boot	
102	4460247	1	Terminal, Ring	
103	1001195055	1	Red Boot	
104	4460312	1	Terminal, Ring	
105	4460312	1	Terminal, Ring	
106	1001195087	1	Red Boot	
110	4460312	1	Terminal, Ring	
111	1001116950	1	Connector	
112	4460465	2	Terminal	
113	4460312	2	Terminal, Ring	
114	1001195087	1	Red Boot	
115	4460019	1	Terminal, Ring	
115	4460312	1	Terminal, Ring	
116	4460019	1	Terminal, Ring	
117	4460019	1	Terminal, Ring	
118	4460476	1	Connector	
119	4460475	3	Terminal	
120	4460458	3	Seal	
121	1001125027	1	Connector	
122	70026217	1	Lock, Secondary	
123	8220124	3	Terminal	
124	4460608	3	Seal	
125	8220058	1	Terminal, Ring	
126	1001195055	1	Red Boot	
132	2400060	1	Fuse Holder	
133	8229242	1	Fuse 5A	
134	4460476	1	Connector	
135	4460475	3	Terminal	
136	4460458	3	Seal	
137	1001117111	1	Terminal, Fork	
138	1001117125	1	Terminal, Snap Plug	
138	1001246391	1	Terminal, Snap Plug	
139	1001117021	1	Connector	
140	1001116728	2	Terminal	
141	8220081	2	Seal	
142	1001117103	1	Connector	
143	7026404	1	Lock, Connector	
144	1001121730	2	Terminal	
145	8220160	2	Seal	
146	4460884	1	Connector	
147	80604021	1	Lock, Wedge	
148	1001157890	1	Terminal	
149	1001116692	2	Terminal	
150	4460466	1	Plug	
151	1001192401	1	Dust Cap	

FIGURE 10-26. ENGINE HARNESS - 85HP (ULS)

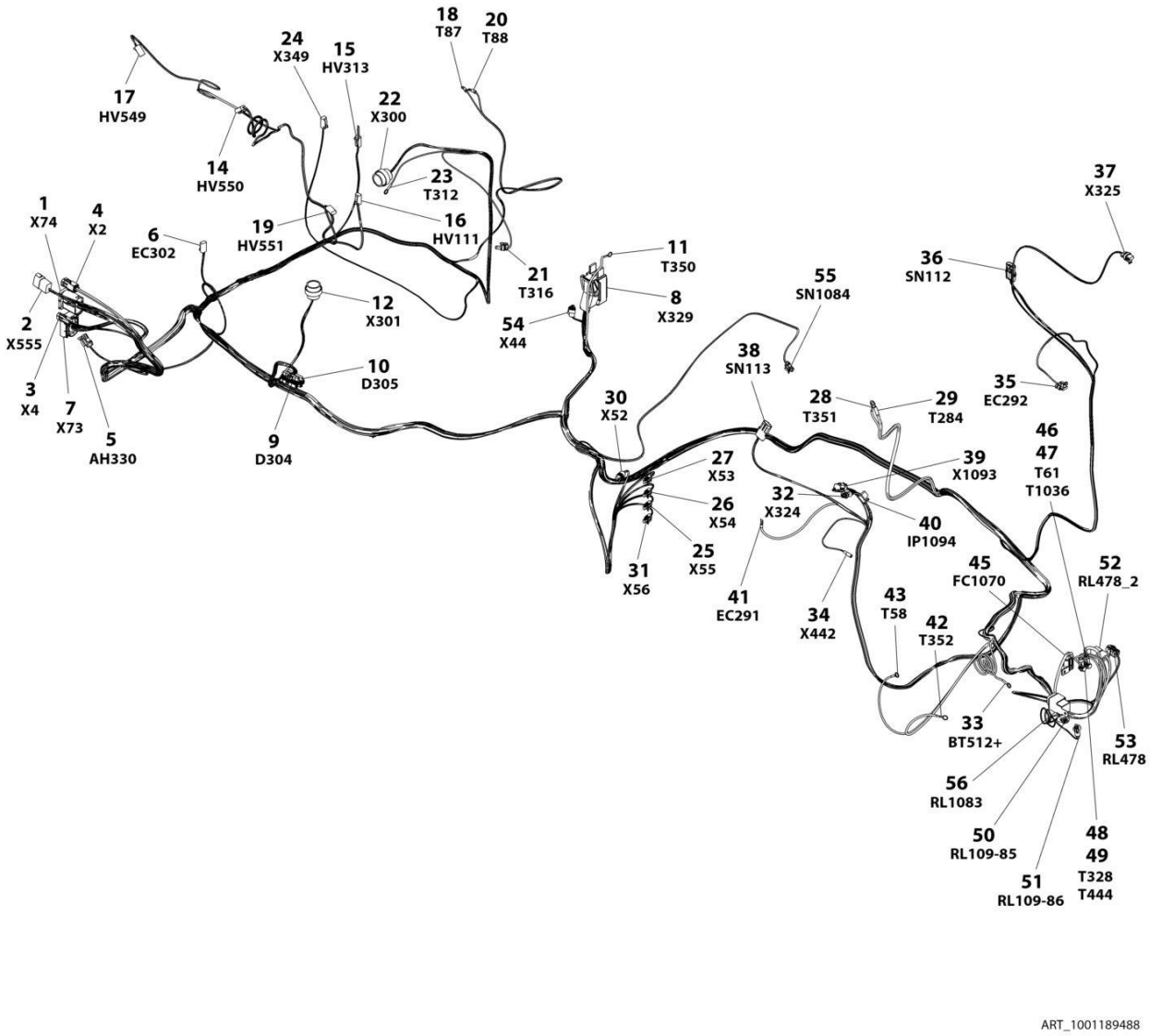


FIGURE 10-26. ENGINE HARNESS - 85HP (ULS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189488	Ref	ENGINE HARNESS	K
1	8220929	1	Connector	
	1001116745	1	Terminal	
	1001116729	14	Terminal	
	4460458	15	Seal	
2	4460931	1	Connector	
	80604024	1	Lock, Wedge	
	4460464	4	Terminal	
	4460466	4	Plug	
3	4461157	1	Connector	
	4460475	2	Terminal	
	4460458	2	Seal	
4	80963062	1	Connector	
	4460850	4	Terminal	
	80963067	4	Seal	
5	1001117068	1	Connector	
	8220124	2	Terminal	
	80963067	2	Seal	
6	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
7	8220927	1	Connector	
	8220097	12	Terminal	
	8220098	2	Terminal	
	1001116727	1	Plug	
	4460458	11	Seal	
	80963067	2	Seal	
	1001189877	1	Seal	
8	1001133173	1	Connector	
	1001138643	6	Terminal	
	1001126356	77	Terminal	
	1001138642	8	Terminal	
	1001126351	3	Terminal	
	1001126353	6	Seal	
9	4460744	1	Connector	
	1001116728	4	Terminal	
	1001116727	2	Plug	
	8220081	4	Seal	
10	4460744	1	Connector	
	1001116728	4	Terminal	
	1001116727	2	Plug	
	8220081	4	Seal	
11	4460019	1	Terminal, Ring	
12	8220536	1	Connector	
	1001116758	12	Plug	
	1001116757	4	Terminal	
	1001189875	4	Seal	
14	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
15	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
16	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
17	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
18	4460042	1	Terminal, Ring	
19	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
20	4460042	1	Terminal, Ring	
21	1001119004	1	Connector	
	1001116728	1	Terminal	
	4460458	1	Seal	
22	8220536	1	Connector	
	1001116757	4	Terminal	
	1001116758	12	Plug	
	1001189875	4	Seal	
23	4460256	1	Terminal, Ring	
24	4460891	1	Connector	
	80604018	1	Lock, Wedge	
	4460465	2	Terminal	
25	4460955	1	Connector	
	1001116748	2	Terminal	
26	4460955	1	Connector	
	1001116748	2	Terminal	
27	4460955	1	Connector	
	1001116748	2	Terminal	
28	4460019	1	Terminal, Ring	
29	8220164	1	Terminal, Ring	
30	4460955	1	Connector	
	1001116748	2	Terminal	
31	4460955	1	Connector	
	1001116748	2	Terminal	
32	8220058	1	Terminal, Ring	
33	4460019	1	Terminal, Ring	
34	1001117125	1	Terminal, Snap Plug	
35	1001125027	1	Connector	
	8220124	3	Terminal	
	4460608	3	Seal	
36	4460476	1	Connector	
	4460475	3	Terminal	
	4460458	3	Seal	
37	1001117021	1	Connector	
	1001116728	2	Terminal	
	8220081	2	Seal	
38	4460476	1	Connector	
	4460475	3	Terminal	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4460458	3	Seal	
39	4460884	1	Connector	
	80604021	1	Lock, Wedge	
	4460465	3	Terminal	
	4460466	1	Plug	
	1001192401	1	Dust Cap	
40	2400060	1	Fuse Holder	
41	4460142	1	Connector	
	1001117111	1	Terminal	
42	4460019	1	Terminal, Ring	
43	4460019	1	Terminal, Ring	
45	1001117070	1	Connector	
	1001116734	2	Terminal	
46	4460312	1	Terminal, Ring	
	1001195087	1	Red Boot	
47	4460312	2	Terminal, Ring	
48	4460312	2	Terminal, Ring	
	1001195087	1	Red Boot	
49	4460312	1	Terminal, Ring	
50	4460247	1	Terminal, Ring	
	1001195057	1	Black Boot	
51	4460247	1	Terminal, Ring	
	1001195055	1	Red Boot	
52	1001117103	1	Connector	
	1001121730	2	Terminal	
53	1001116950	1	Connector	
	4460465	2	Terminal	
54	4461095	1	Plug	
	4461070	1	Connector	
	4460465	2	Terminal	
	4460466	1	Terminal	
55	1001209097	1	Connector	
	8220124	2	Terminal	
56	1001145707	1	Connector	
	1001116732	4	Terminal	

FIGURE 10-27. HVAC HARNESS

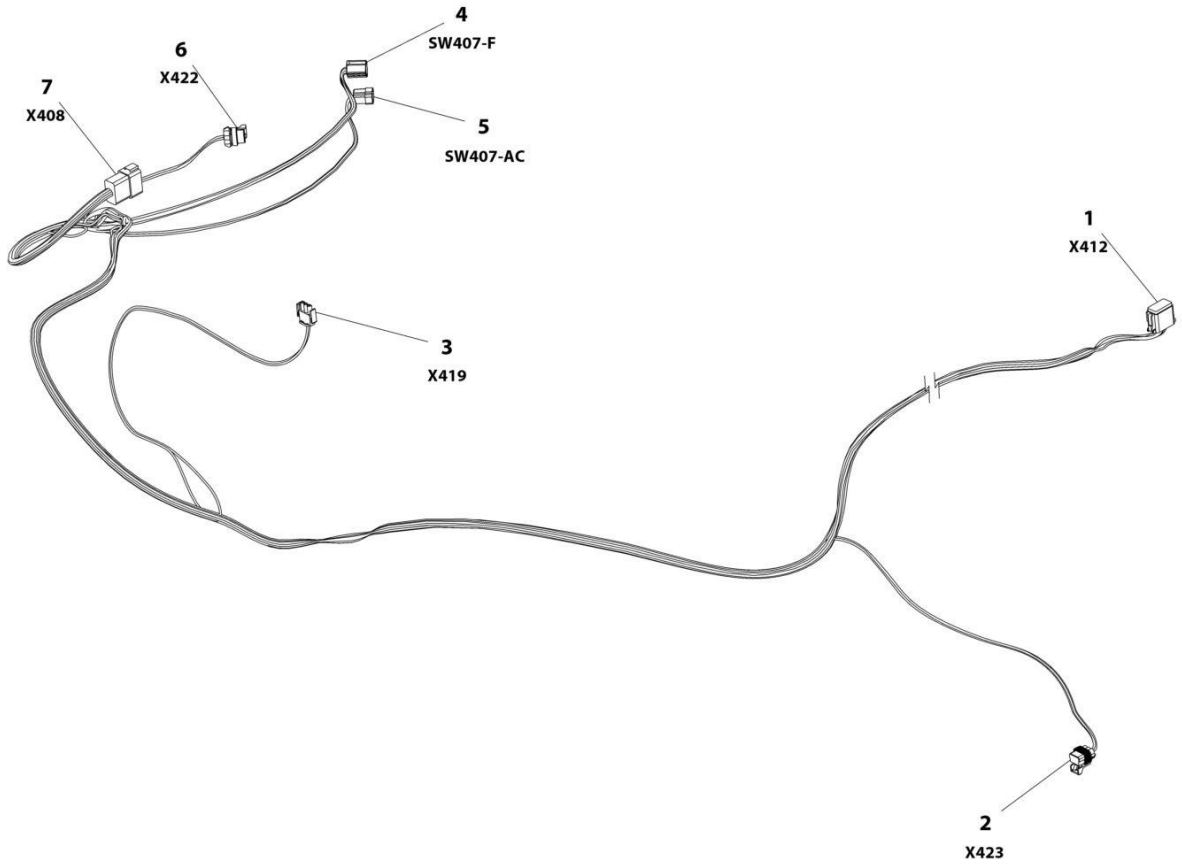


FIGURE 10-27. HVAC HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178347	Ref	HVAC Harness	E
1	4460933	1	Connector	
	80604016	1	Lock, Wedge	
	4460942	9	Terminal	
	4460465	2	Terminal	
	4460466	1	Terminal	
2	8220895	1	Connector	
	70026216	1	Lock, Secondary	
	8220124	3	Terminal	
	1001116751	3	Terminal, Plug	
3	4460326	1	Connector	
	4460268	2	Terminal	
4	1001117080	1	Connector	
	1001116723	5	Terminal	
5	1001117059	1	Connector	
	1001116736	3	Terminal	
6	1001125027	1	Connector	
	70026217	1	Lock, Secondary	
	8220124	3	Terminal	
7	4460950	1	Connector	
	80363179	1	Lock, Wedge	
	1001157891	5	Terminal	
	4460464	6	Terminal	
	4460466	1	Terminal	

FIGURE 10-28. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

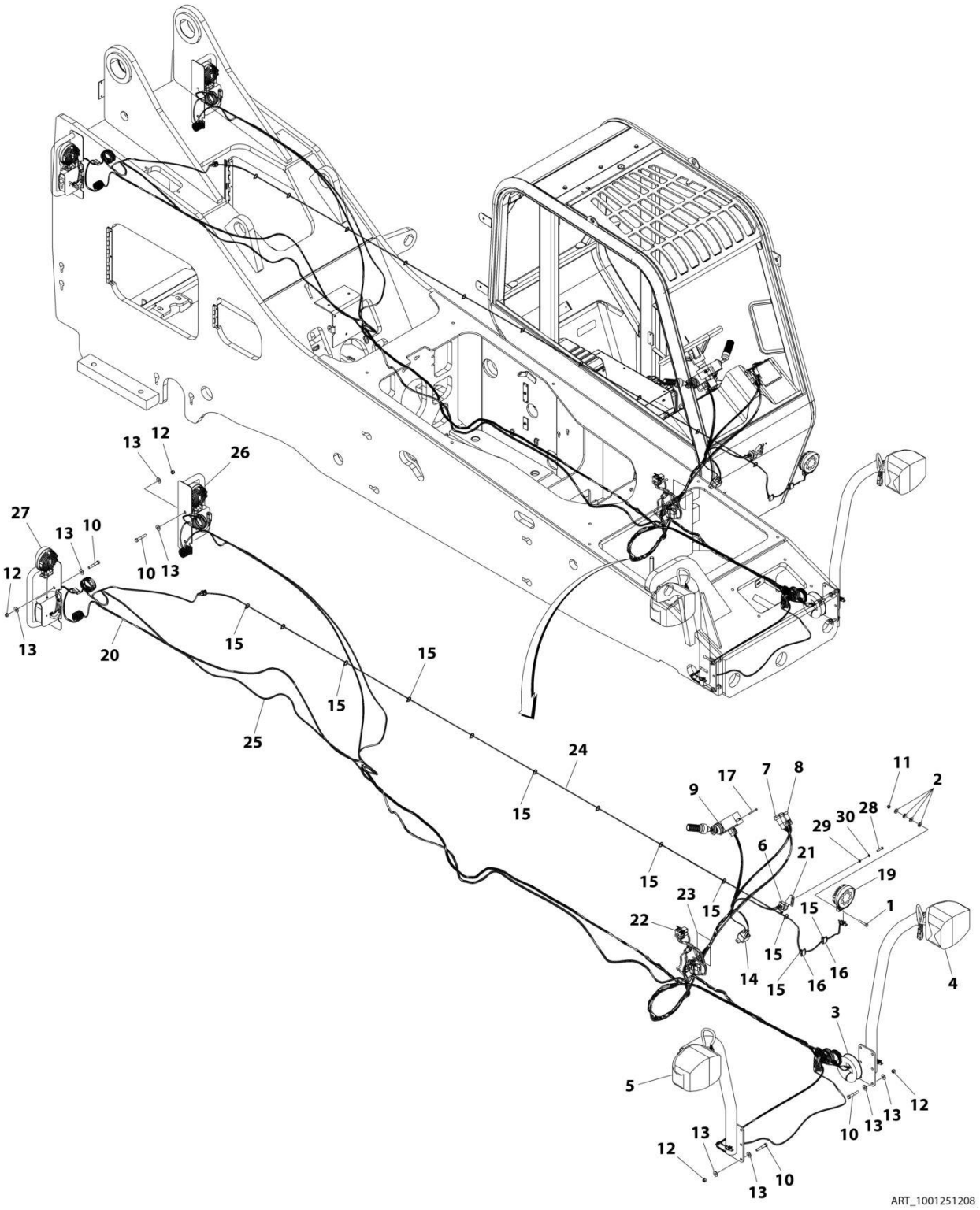


FIGURE 10-28. LIGHTS - ROADLIGHT PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251208	Ref	ROADLIGHT PACKAGE INSTALLATION	B
1	0641514	1	Bolt 5/16 x 1-3/4	
2	4891600	4	Washer 3/8	
3	7124471	1	Conduit 1 x 12.5	
4	7150699	1	Assembly, LH Roadlight Bracket (See Separate Breakdown in this Section)	
5	7150716	1	Assembly, RH Roadlight Bracket (See Separate Breakdown in this Section)	
6	8223025	1	Switch, Brake Lights	
7	8223059	1	Switch, Work Light	
8	8223060	1	Switch, Hazard	
9	8223073	1	Control, Turn Signal	
10	8303771	10	Bolt 3/8 x 2-1/4	
11	8305626	1	Nut 5/16	
12	8305645	10	Nut 3/8	
13	8307204	20	Washer 3/8	
14	8500203	1	Flasher, Hazard Warning 12V	
15	8584001	AR	Wrap, Tie	
16	8584018	2	Mount, Cable Tie	
17	88211516	2	Screw M10	
19	1001176337	1	Lamp, LED Worklight	
20	1001178346	1	Harness, Road Light Option (See Separate Breakdown in this Section)	
21	1001201752	1	Bracket, Brake Switch	
22	1001205248	1	Harness, Roadlight Worklight (See Separate Breakdown in this Section)	
23	1001205264	1	Decal, Light Fuse Panel	
24	1001238111	1	Harness, Boom Worklight (See Separate Breakdown in this Section)	
25	1001238199	1	Harness, Work Light Option (See Separate Breakdown in this Section)	
26	1001251270	1	Assembly, LH Roadlight (See Separate Breakdown in this Section)	
27	1001251271	1	Assembly, RH Roadlight (See Separate Breakdown in this Section)	
28	0700614	2	Bolt M6 x 30	
29	4811700	2	Washer M6	
30	4831700	2	Washer M6	

FIGURE 10-29. LIGHTS - ROADLIGHT ASSEMBLY (LH)

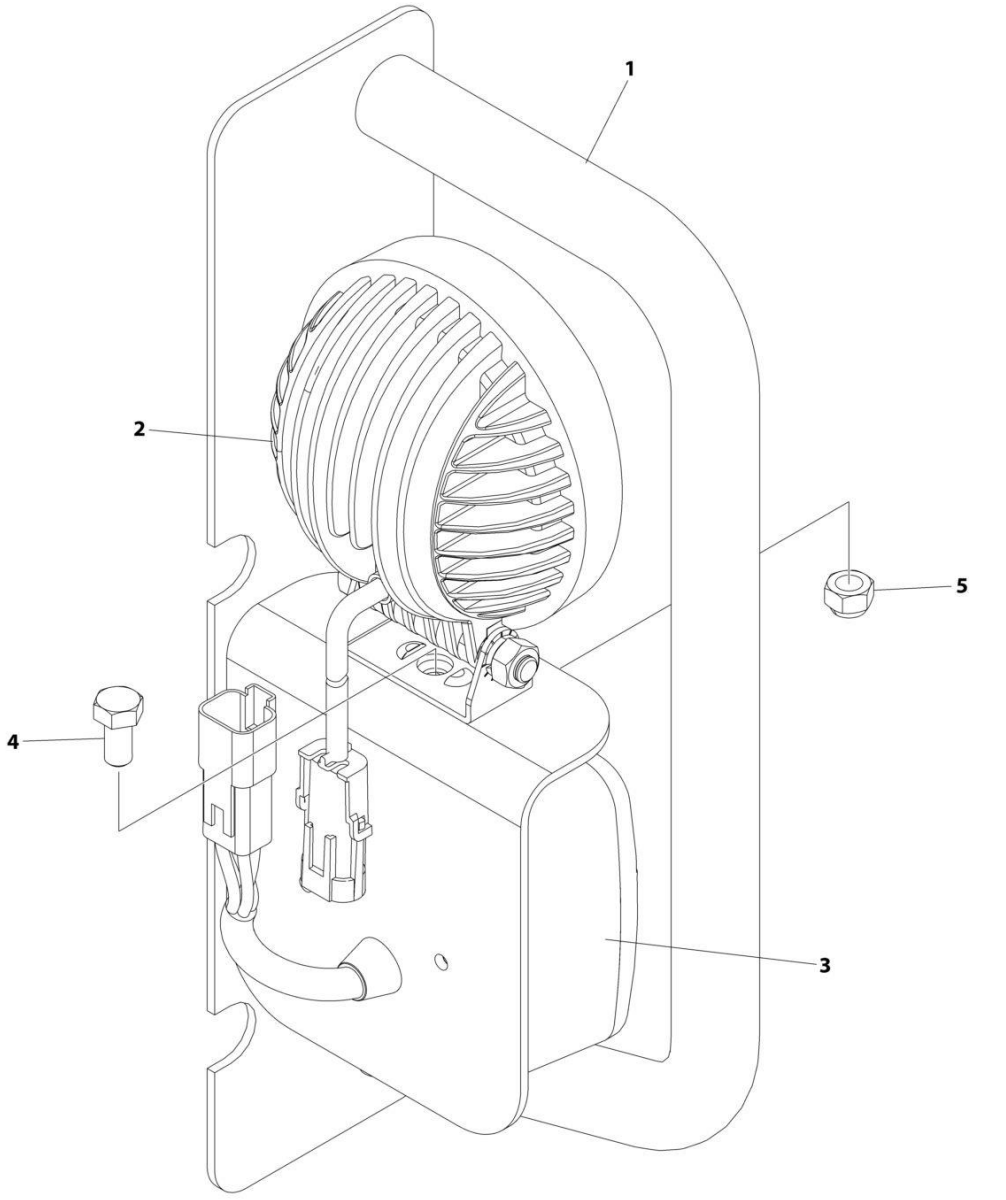


FIGURE 10-29. LIGHTS - ROADLIGHT ASSEMBLY (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251270	Ref	LH ROADLIGHT ASSEMBLY	A
1	7150681	1	Assembly, LH Roadlight Bracket	
2	1001176337	1	Lamp, LED Worklight	
3	7150690	1	Light, Tail/Indicator	
4	8303745	1	Bolt 5/16 x 5/8	
5	8305626	1	Nut 5/16	

FIGURE 10-30. LIGHTS - ROADLIGHT ASSEMBLY (RH)

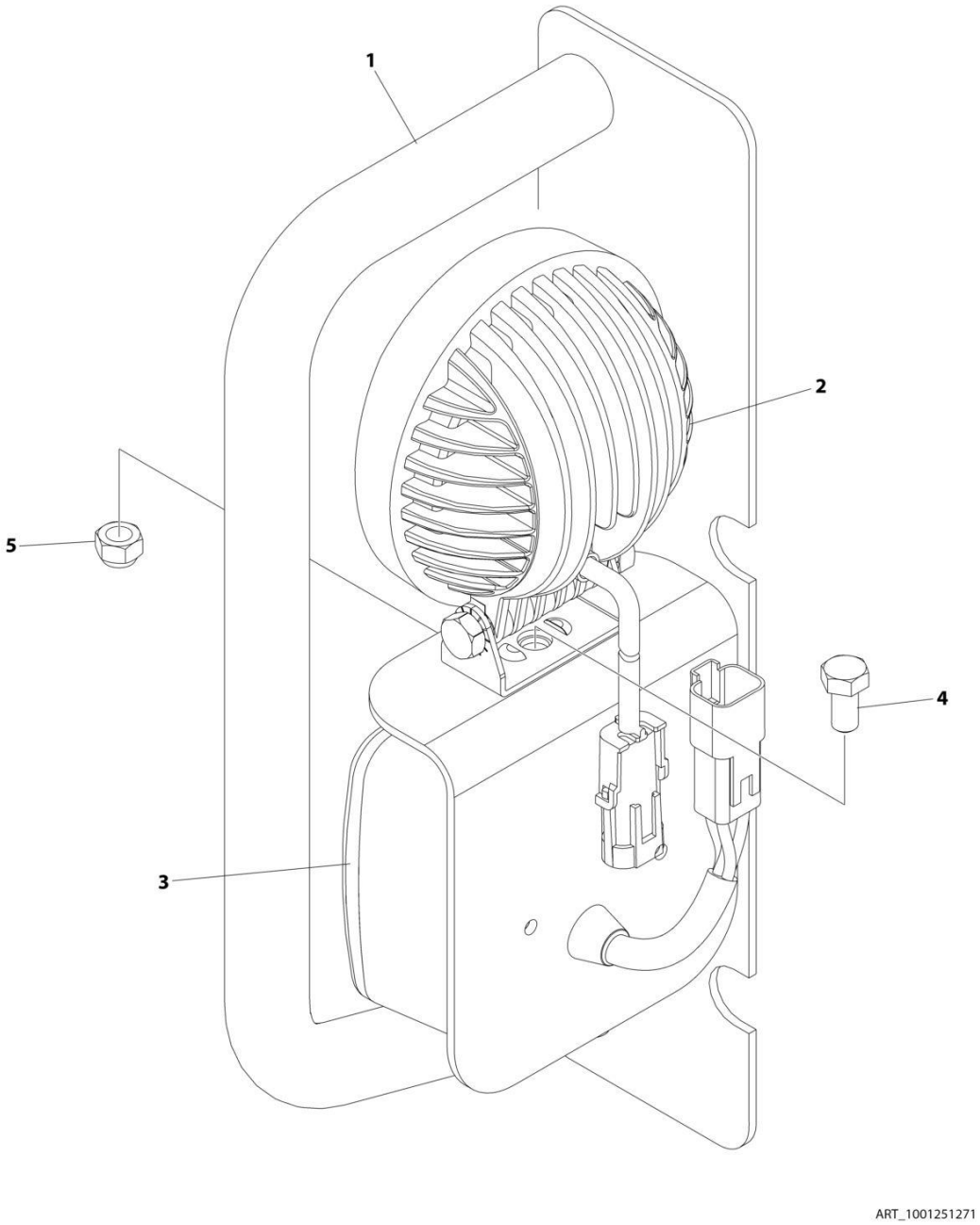


FIGURE 10-30. LIGHTS - ROADLIGHT ASSEMBLY (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251271	Ref	RH ROADLIGHT ASSEMBLY	A
1	7150680	1	Assembly, RH Roadlight Bracket	
2	1001176337	1	Lamp, LED Worklight	
3	7150690	1	Light, Tail/Indicator	
4	8303745	1	Bolt 5/16 x 5/8	
5	8305626	1	Nut 5/16	

FIGURE 10-31. LIGHTS - ROADLIGHT BRACKET ASSEMBLY (LH)

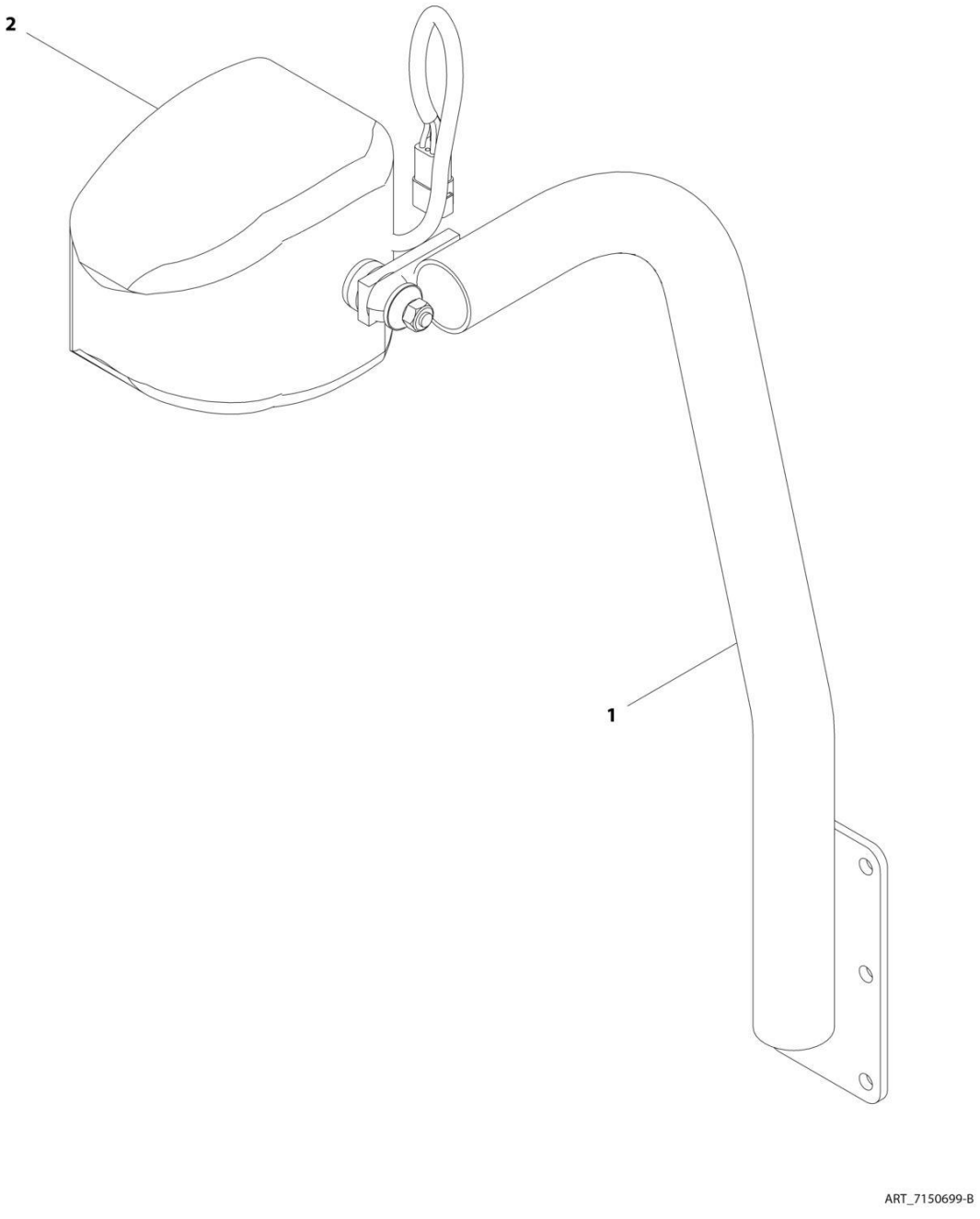


FIGURE 10-31. LIGHTS - ROADLIGHT BRACKET ASSEMBLY (LH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7150699	Ref	LH Roadlight Bracket Assembly	B
1	7150685	1	Bracket, LH Roadlight	
2	7150702	1	Roadlight, LH Front	
2	8036216	6	Screw, Headlight Lens	
2	8036212	1	Lens, Headlight	
2	8036213	1	Bulb, Headlight 12V, 60/55W	
2	8036214	1	Bulb, Blinker 12V, 5W	
2	8036215	1	Harness, Wiring (includes 6-way connector)	
2	8036209	1	Lens, Left Amber Headlight	

FIGURE 10-32. LIGHTS - ROADLIGHT BRACKET ASSEMBLY (RH)

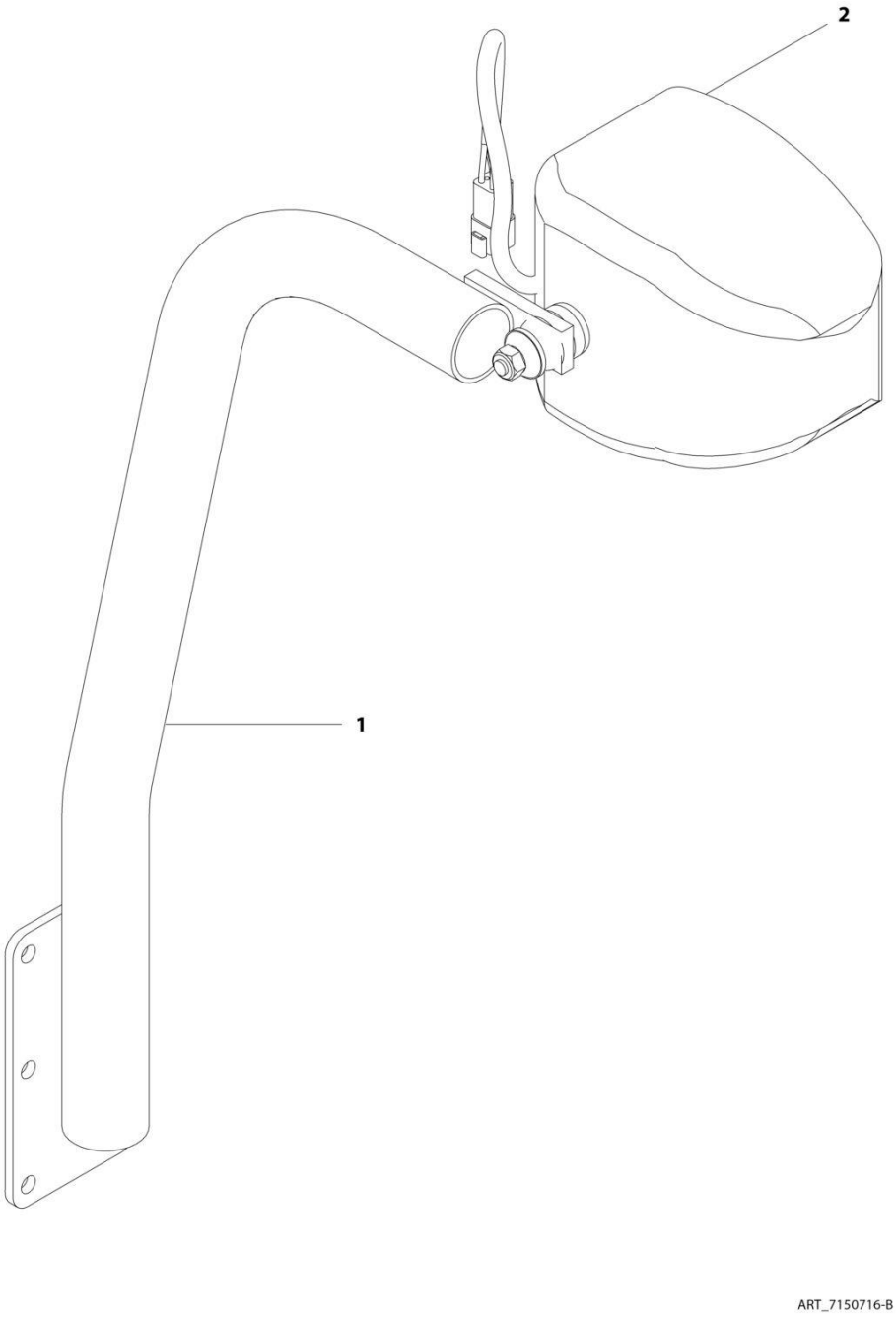


FIGURE 10-32. LIGHTS - ROADLIGHT BRACKET ASSEMBLY (RH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7150716	Ref	RH Roadlight Bracket Assembly	B
1	7150717	1	Bracket, RH Roadlight	
2	7150703	1	Roadlight, LH Front	
2	8036210	1	Lens, Right Amber Headlight	
2	8036216	6	Screw, Headlight Lens	
2	8036212	1	Lens, Headlight	
2	8036213	1	Bulb, Headlight, 12V, 60/55W	
2	8036214	1	Bulb, Blinker 12V, 5W	
2	8036215	1	Harness, Wiring (includes 6-way connector)	

FIGURE 10-33. LIGHTS - ROADLIGHT OPTION HARNESS

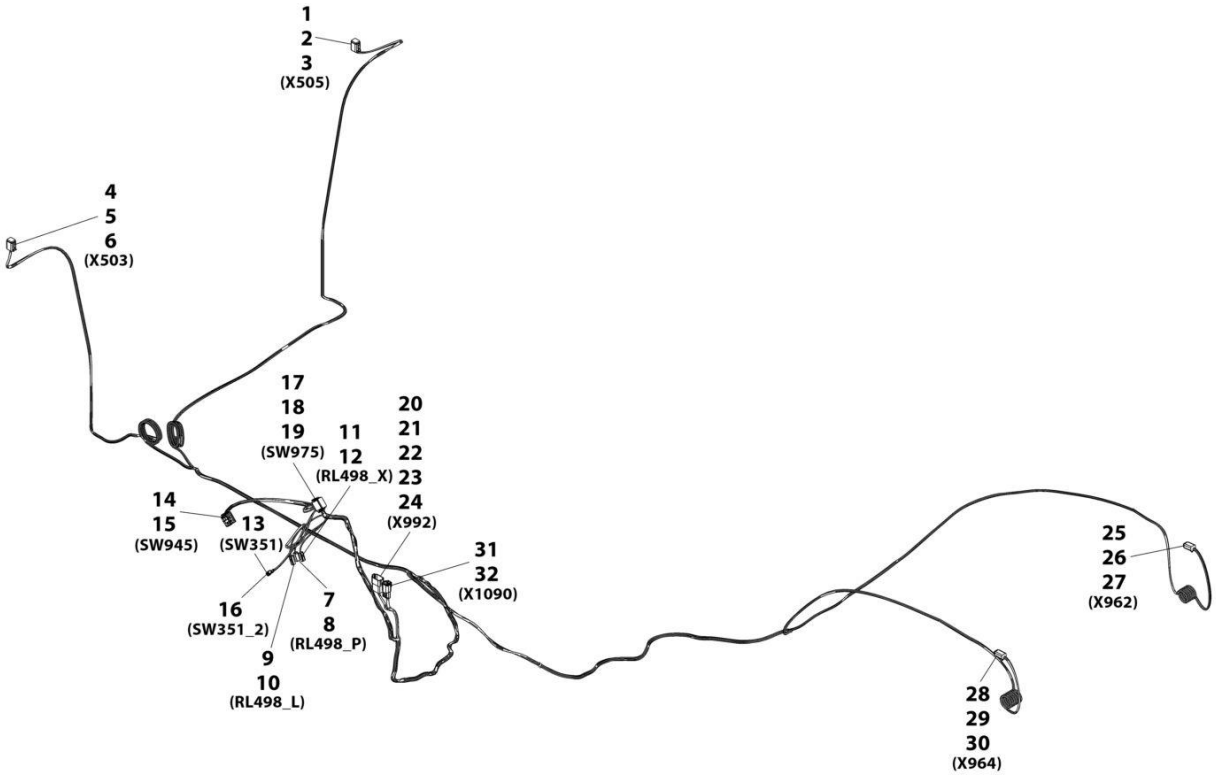


FIGURE 10-33. LIGHTS - ROADLIGHT OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178346	Ref	ROAD LIGHT OPTION HARNESS	H
1	4460894	1	Connector	
2	4460465	5	Terminal	
3	4460466	1	Plug	
4	4460894	1	Connector	
5	4460465	5	Terminal	
6	4460466	1	Plug	
7	7116572	1	Connector	
8	1001116736	1	Terminal	
9	7116572	1	Connector	
10	1001116736	1	Terminal	
11	7116572	1	Connector	
12	1001116736	1	Terminal	
13	8220051	1	Terminal, Ring	
14	1001117079	1	Connector	
15	4460419	9	Terminal	
16	8220051	1	Terminal, Ring	
17	4460933	1	Connector	
18	4460465	8	Terminal	
19	4460466	4	Plug	
20	4460931	1	Connector	
21	4460466	3	Plug	
22	4460464	2	Terminal	
23	1001157891	2	Terminal	
24	4460941	1	Terminal	
25	4460884	1	Connector	
26	4460465	3	Terminal	
27	4460942	1	Terminal	
28	4460884	1	Connector	
29	4460465	3	Terminal	
30	4460942	1	Terminal	
31	4461017	1	Connector	
32	4460508	2	Terminal	

FIGURE 10-34. LIGHTS - ROADLIGHT/WORKLIGHT OPTION HARNESS

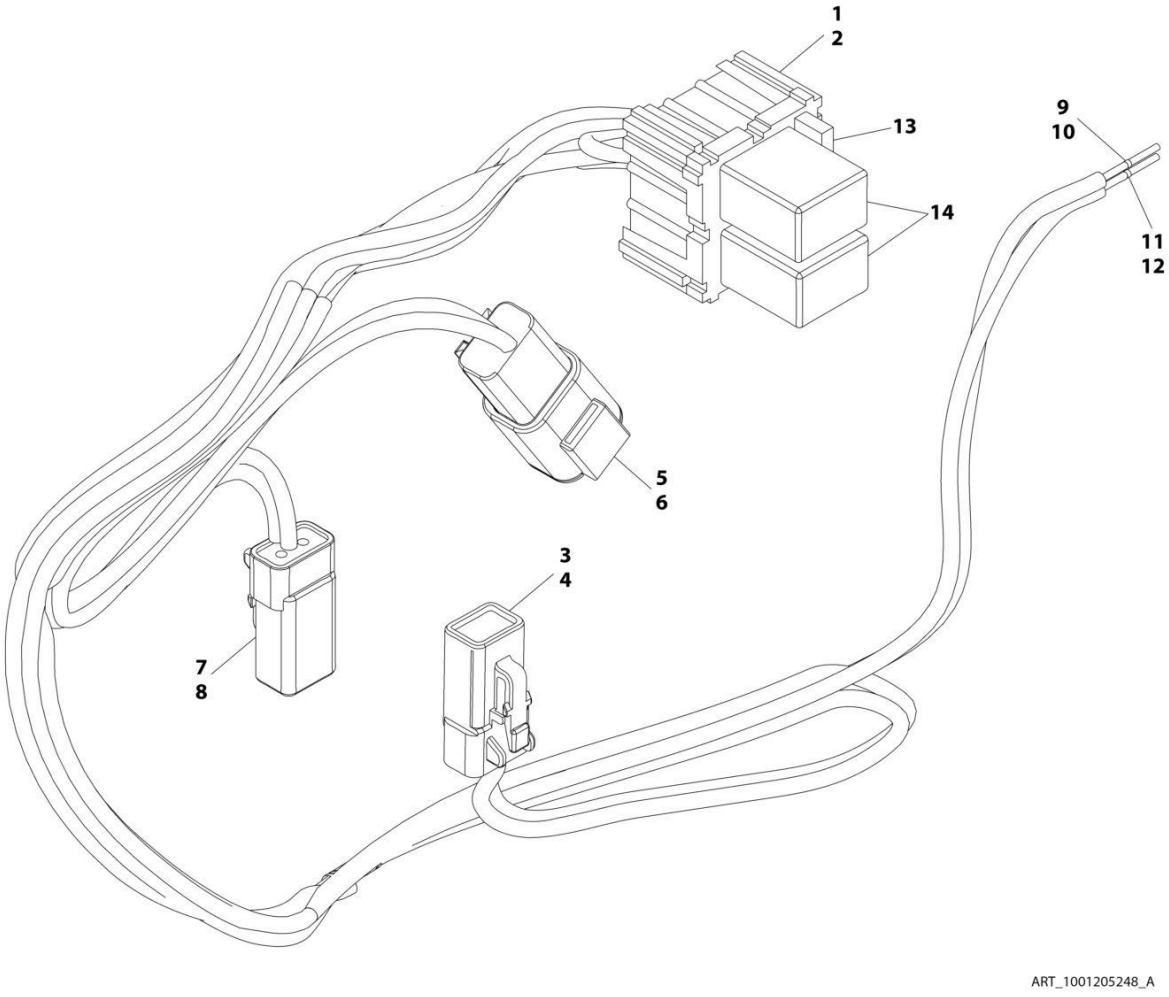


FIGURE 10-34. LIGHTS - ROADLIGHT/WORKLIGHT OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205248	Ref	Roadlight Worklight Harness	A
1	1001177198	1	Connector	
2	1001116712	12	Terminal	
3	4461018	1	Connector	
4	4460509	2	Terminal	
5	4461017	1	Connector	
6	4460508	2	Terminal	
7	4461018	1	Connector	
8	4460509	2	Terminal	
9	4460790	1	Terminal, Socket	
10	8220089	1	Seal	
11	4460790	1	Terminal, Socket	
12	8220089	1	Seal	
13	8229245	2	Fuse 30Amp	
14	1001205172	2	Relay	

FIGURE 10-35. LIGHTS - WORKLIGHT OPTION HARNESS (BOOM)

FIGURE 10-35. LIGHTS - WORKLIGHT OPTION HARNESS (BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238111	Ref	Boom Worklight Harness	B
1	1001117021	1	Connector	
2	1001116747	2	Terminal	
3	4460789	2	Seal	
4	4460742	1	Connector	
5	4460457	2	Terminal	
6	4460789	2	Seal	

FIGURE 10-36. LIGHTS - WORKLIGHT PACKAGE INSTALLATION

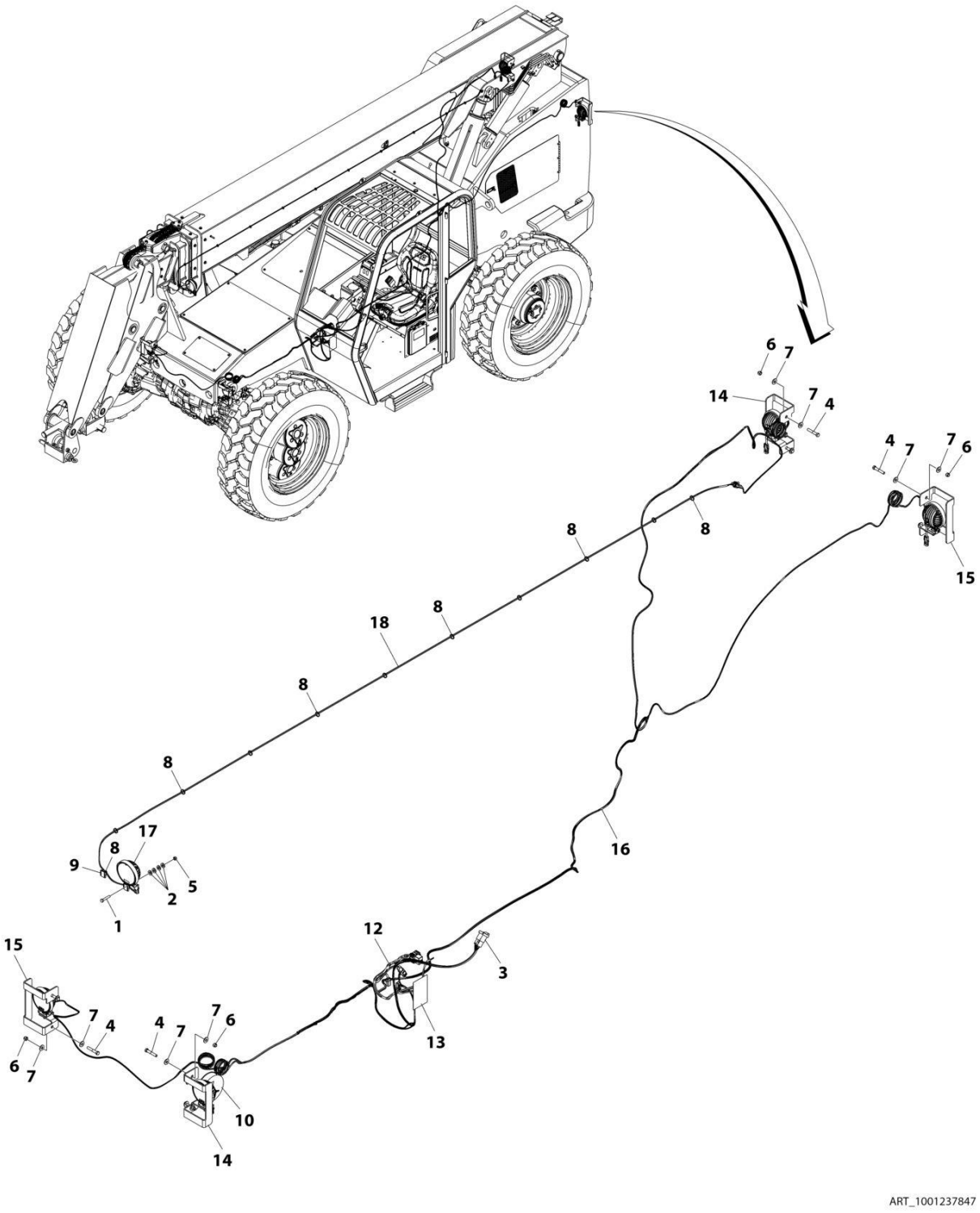
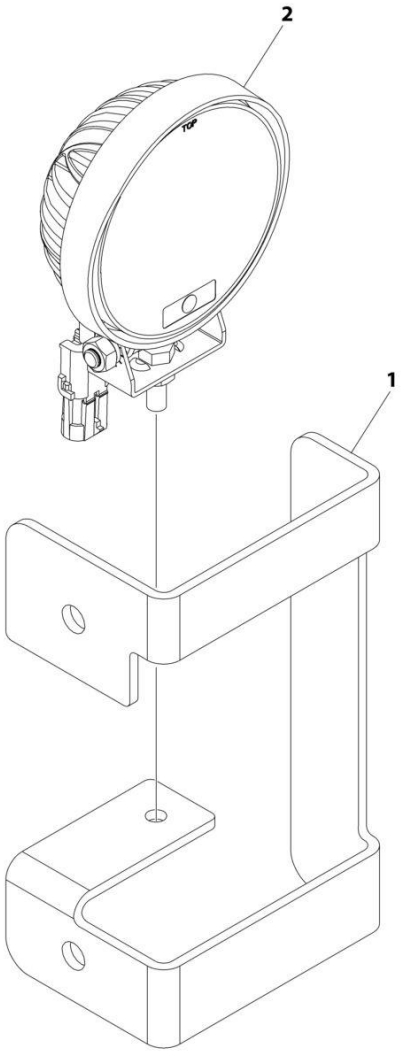


FIGURE 10-36. LIGHTS - WORKLIGHT PACKAGE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237847	Ref	LIGHTS - LED WORK LIGHT PACKAGE INSTALLATION	C
1	0641514	1	Bolt 5/16 x 1-3/8	
2	4891600	AR	Washer 3/8	
3	8223059	1	Switch, Work Light	
4	8303771	8	Bolt 3/8 x 2-1/4	
5	8305626	1	Nut 5/16	
6	8305645	8	Nut 3/8	
7	8307204	16	Washer 3/8	
8	8584001	AR	Wrap, Tie	
9	8584018	4	Mount, Tie-Strap	
10	7124471	1	Conduit, 1 x 12.5	
11	88501005	AR	Nut 5/16	
12	1001205248	1	Harness, Roadlight Worklight (See Separate Breakdown in this Section)	
13	1001205264	1	Decal, Light Fuse Panel	
14	1001237853	2	Assembly, LED RH Worklight (See Separate Breakdown in this Section)	
15	1001237854	2	Assembly, LED LH Worklight (See Separate Breakdown in this Section)	
16	1001238199	1	Harness, Work Light Option (See Separate Breakdown in this Section)	
17	1001176337	1	Lamp, LED Worklight	
18	1001238111	1	Harness, Boom Worklight (See Separate Breakdown in this Section)	

FIGURE 10-37. LIGHTS - WORKLIGHT ASSEMBLY (RH) (LED)



ART_1001237853

FIGURE 10-37. LIGHTS - WORKLIGHT ASSEMBLY (RH) (LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237853	Ref	LIGHTS - WORK LIGHT ASSEMBLY - LED (RH)	A
1	1001097079	1	Bracket, RH Worklight Mount	
2	1001176337	1	Lamp, LED Worklight	

FIGURE 10-38. LIGHTS - WORKLIGHT ASSEMBLY (RH) (LED)

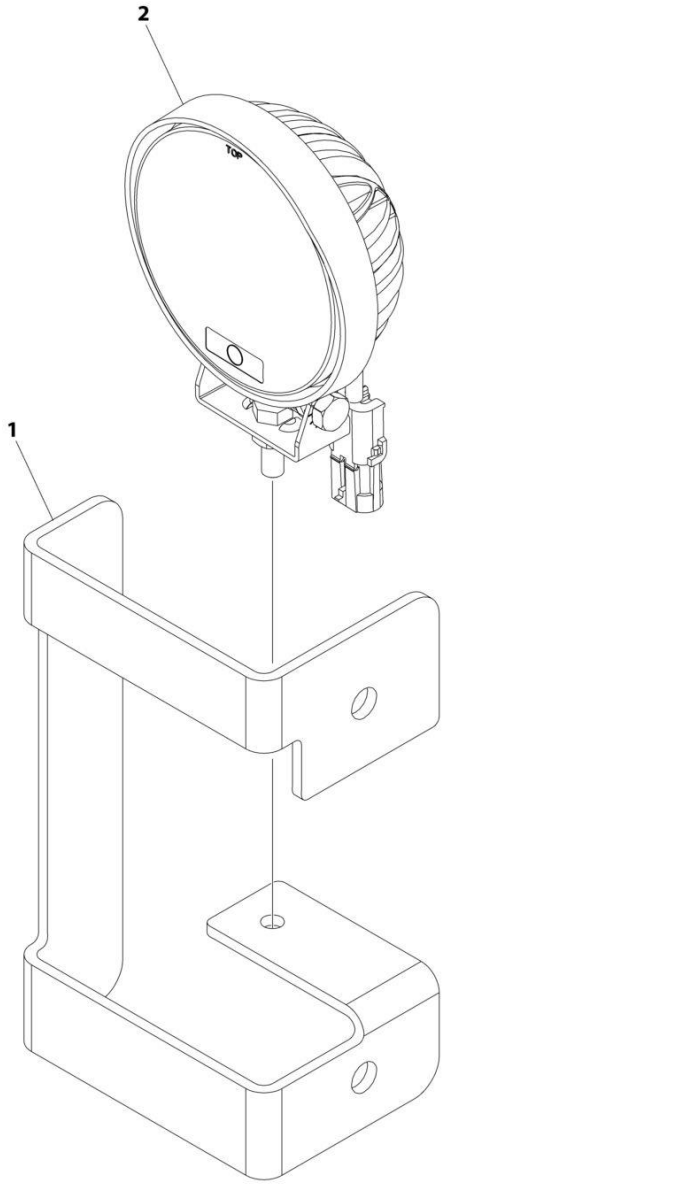
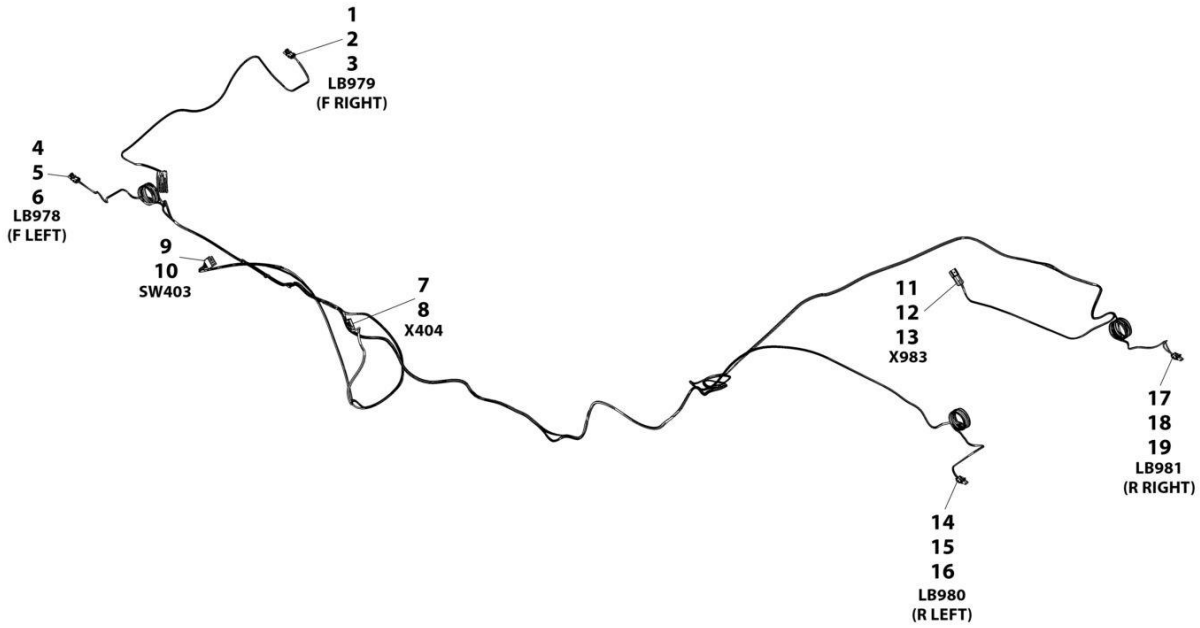


FIGURE 10-38. LIGHTS - WORKLIGHT ASSEMBLY (RH) (LED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237854	Ref	LIGHTS - WORK LIGHT ASSEMBLY - LED (LH)	A
1	1001097080	1	Bracket, LH Worklight Mount	
2	1001176337	1	Lamp, LED Worklight	

FIGURE 10-39. LIGHTS - WORKLIGHT OPTION HARNESS



ART_1001238199-A

FIGURE 10-39. LIGHTS - WORKLIGHT OPTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238199	Ref	Work Lighting Option Harness	A
1	4460742	1	Connector	
2	4460457	2	Terminal	
3	4460789	2	Seal	
4	4460742	1	Connector	
5	4460457	2	Terminal	
6	4460789	2	Seal	
7	4461018	1	Connector	
8	4460509	2	Terminal	
9	8220904	1	Connector	
10	4460419	6	Terminal	
11	1001117026	1	Connector	
12	1001116729	2	Terminal	
13	8220081	2	Seal	
14	4460742	1	Connector	
15	4460457	2	Terminal	
16	4460789	2	Seal	
17	4460742	1	Connector	
18	4460457	2	Terminal	
19	4460457	2	Seal	

FIGURE 10-40. RELAY PANEL INSTALLATION

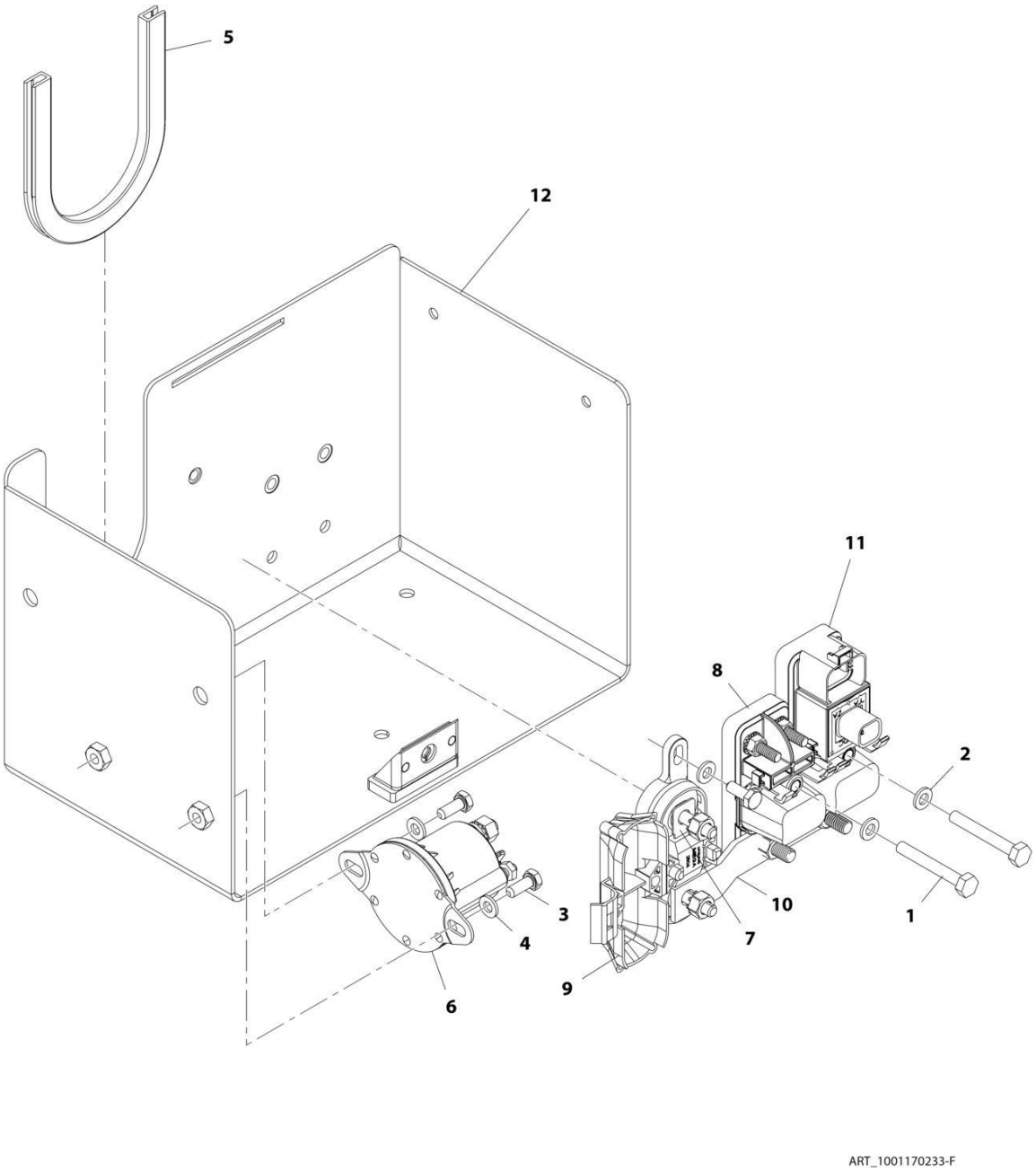


FIGURE 10-40. RELAY PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170233	Ref	Relay Panel Installation	F
1	0641415	2	Bolt 1/4X1-7/8	
2	4761400	2	Washer 1/4	
3	8303545	4	Bolt M6X14	
4	8307219	4	Washer M6	
5	90206196	257 mm	Trim, Vinyl Edge	
6	1001186417	1	Relay, 150 Amp	
7	1001118245	1	Fuse, 250 Amp	
8	1001127699	1	Fuse, Power Module	
9	1001127700	1	Holder, AMG Fuse	
10	1001129615	1	Bar, Buss Connector	
11	1001184316	1	Relay, Power Module	
12	1001170230	1	Bracket, Relay Mount	

FIGURE 10-41. RELAY PANEL COVER ASSEMBLY

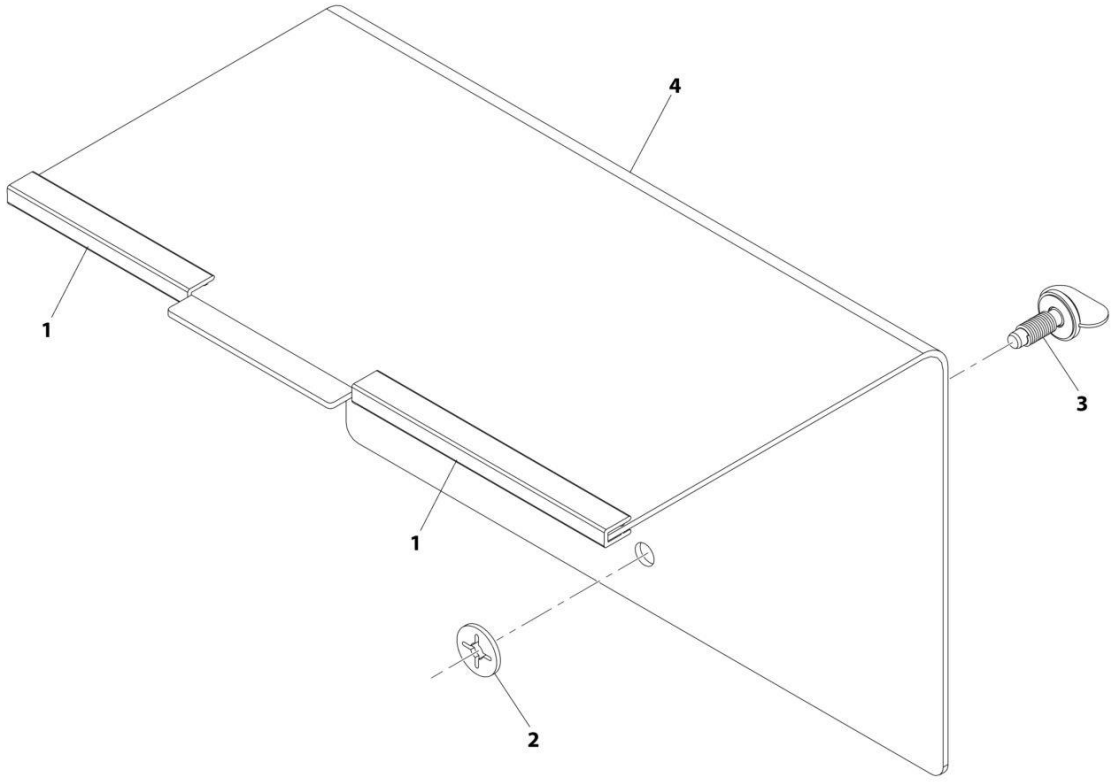


FIGURE 10-41. RELAY PANEL COVER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170234	Ref	Relay Panel Cover Assembly	B
1	90206196	220 mm	Trim, Vinyl Edge	
2	1001135770	1	Washer, Push-On Retainer	
3	1001135777	1	Screw, Fastener Assembly Wing Head	
4	1001170235	1	Cover, Relay Panel	

FIGURE 10-42. REVERSE SENSOR INSTALLATION

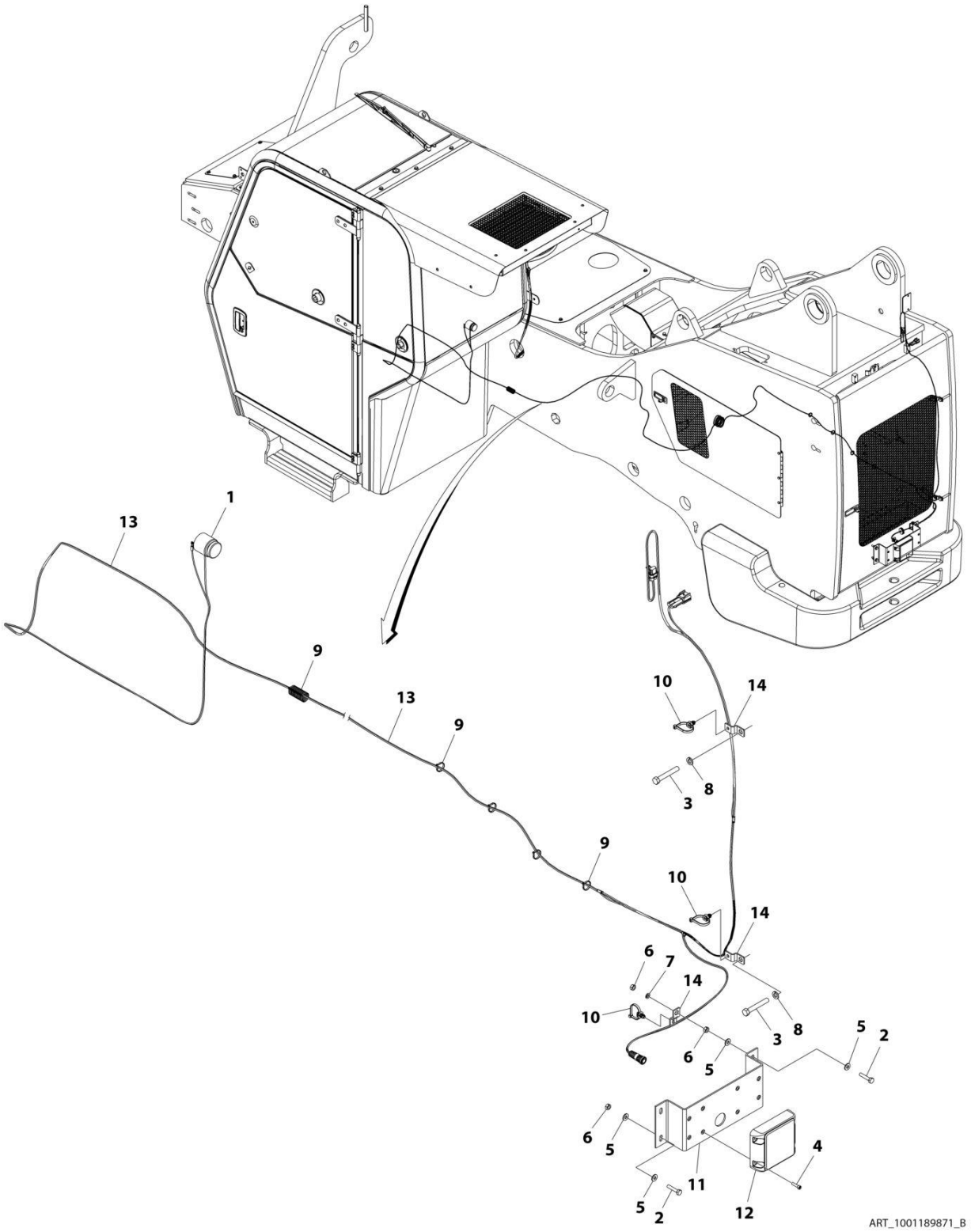


FIGURE 10-42. REVERSE SENSOR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189871	Ref	REVERSE SENSOR INSTALLATION	B
1	0140011	1	Audible, Signal Device	
2	0641410	4	Bolt 1/4 x 1	
3	0641620	2	Bolt 3/8 x 2	
4	3931012	4	Capscrew #10 x 3/4	
5	4711400	8	Washer 1/4	
6	8305004	5	Nut 1/4	
7	8307002	1	Washer 1/4	
8	8307005	2	Washer 3/8	
9	8584001	AR	Wrap, Tie 3/16	
10	1001004720	3	Strap, Cable	
11	1001154375	1	Bracket	
12	1001247421	1	Control, Reverse Sensor	
13	1001189886	1	Harness, Reverse Sensor (See Separate Breakdown in this Section)	
14	1001204692	3	Bracket	

FIGURE 10-43. REVERSE SENSOR HARNESS

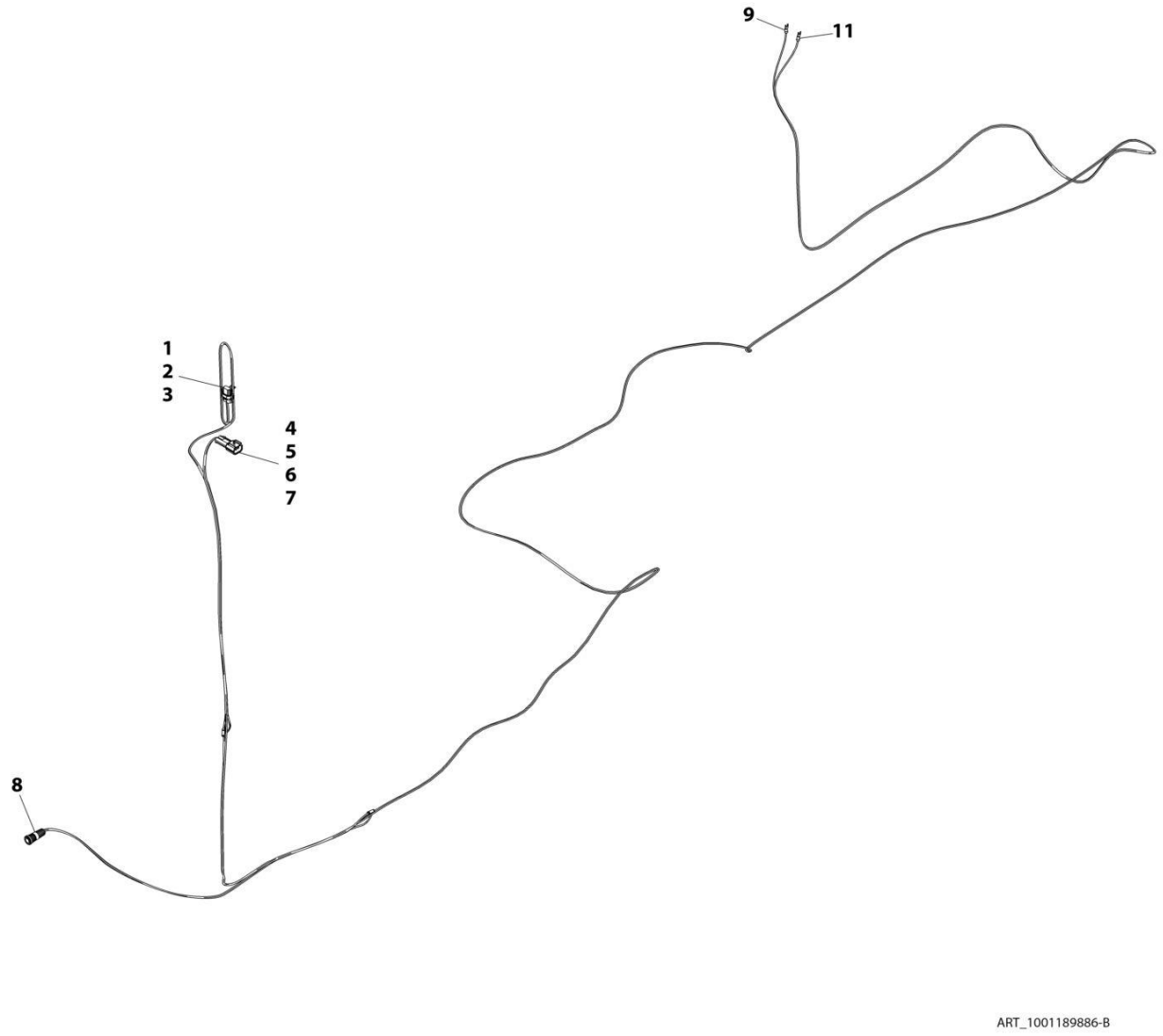


FIGURE 10-43. REVERSE SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001189886	Ref	Reverse Sensor Harness	B
1	1001117021	1	Connector	
2	1001116728	2	Terminal	
3	4460458	2	Seal	
4	1001117026	1	Connector	
5	8220890	1	Lock, Secondary	
6	1001116745	2	Terminal	
7	4460458	2	Seal	
8	1001175733	1	Connector	
9	4460183	1	Fork Terminal	
11	4460183	1	Fork Terminal	

FIGURE 10-44. TANK (HYDRAULIC) HEATER INSTALLATION

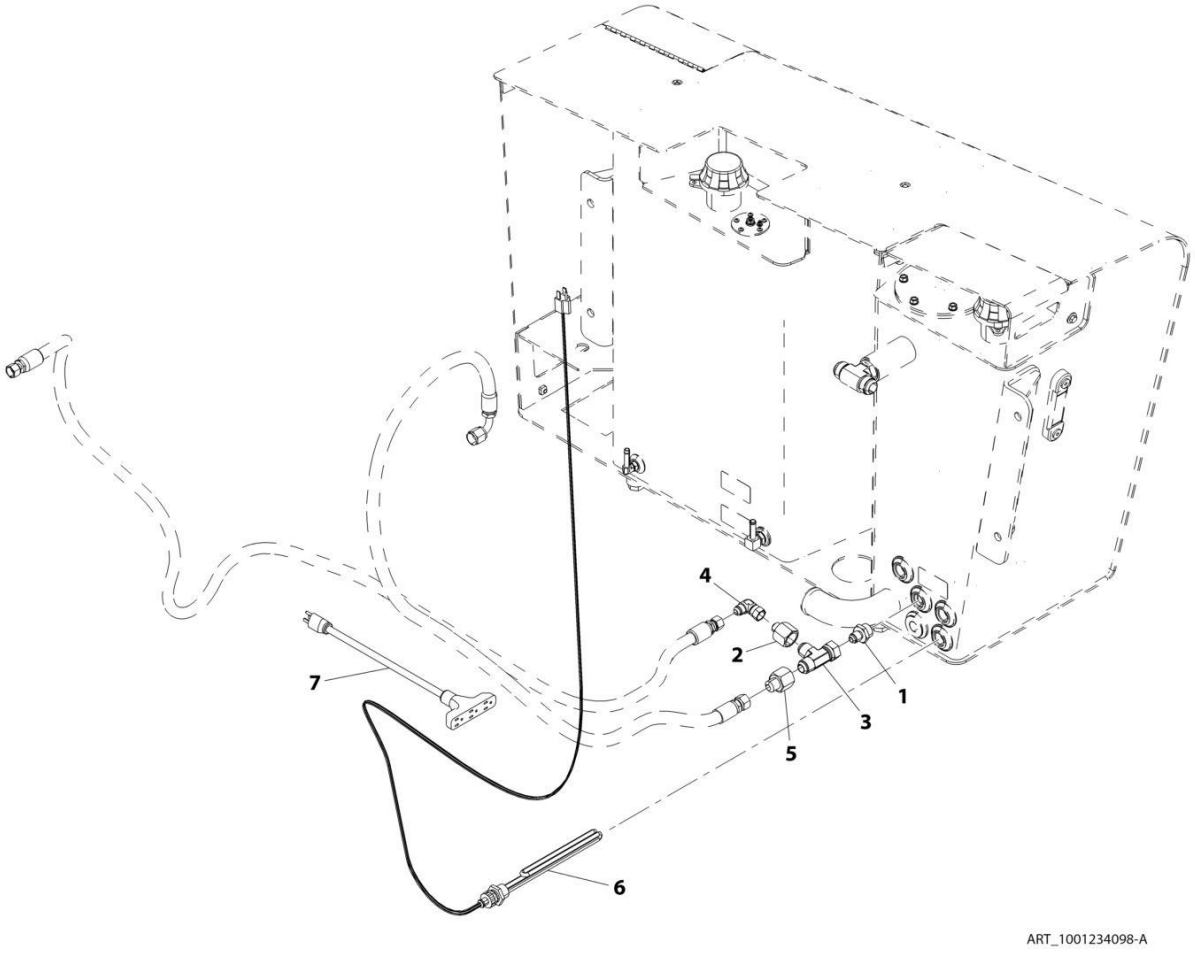


FIGURE 10-44. TANK (HYDRAULIC) HEATER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234098	Ref	Hydraulic Tank Heater Installation	A
1	2220451	1	Connector	
2	2220622	1	Reducer	
3	2220700	1	Tee Fitting	
4	8765204	1	Elbow	
5	1001094696	1	Adapter	
6	1001105886	1	Immersion Heater	
7	1060626	1	3 Way Plug	

FIGURE 10-45. TBAP HARNESS

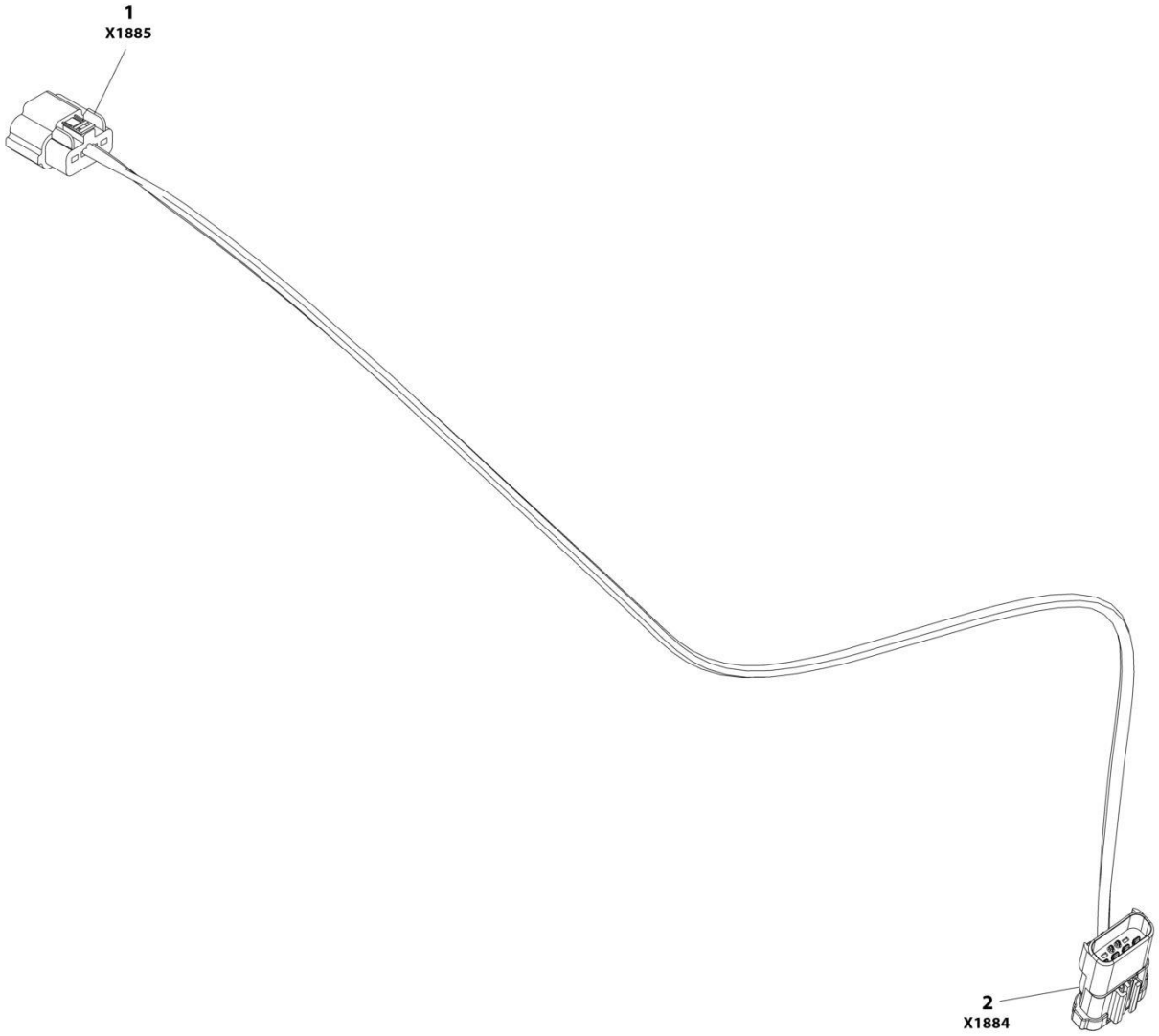


FIGURE 10-45. TBAP HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184835	Ref	TBAP Harness	C
1	10011184495	1	Connector	
	1001260509	4	Terminal	
	1001184496	4	Seal	
2	1001184491	1	Connector	
	1001184493	4	Terminal	

FIGURE 10-46. WIPER HARNESS

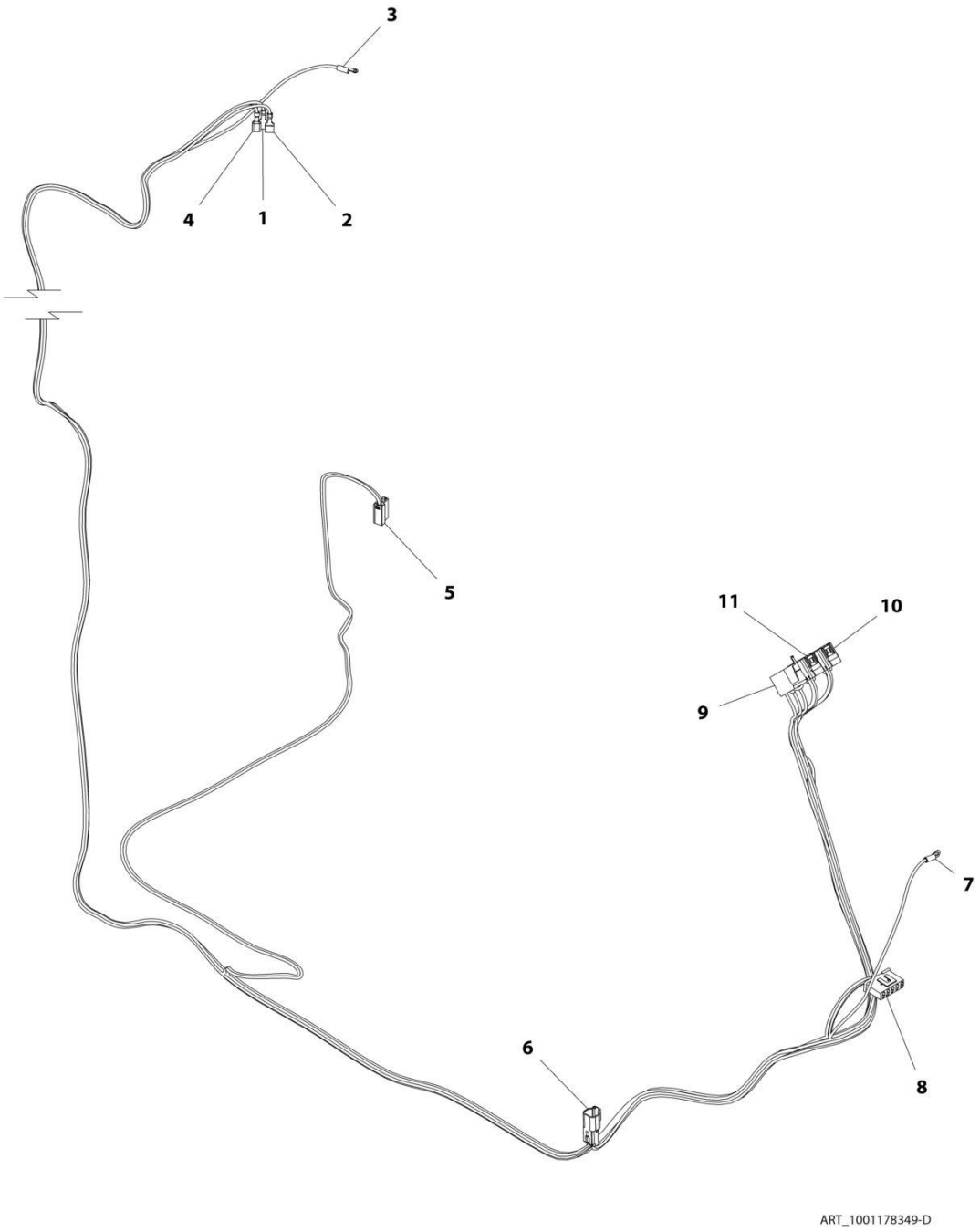


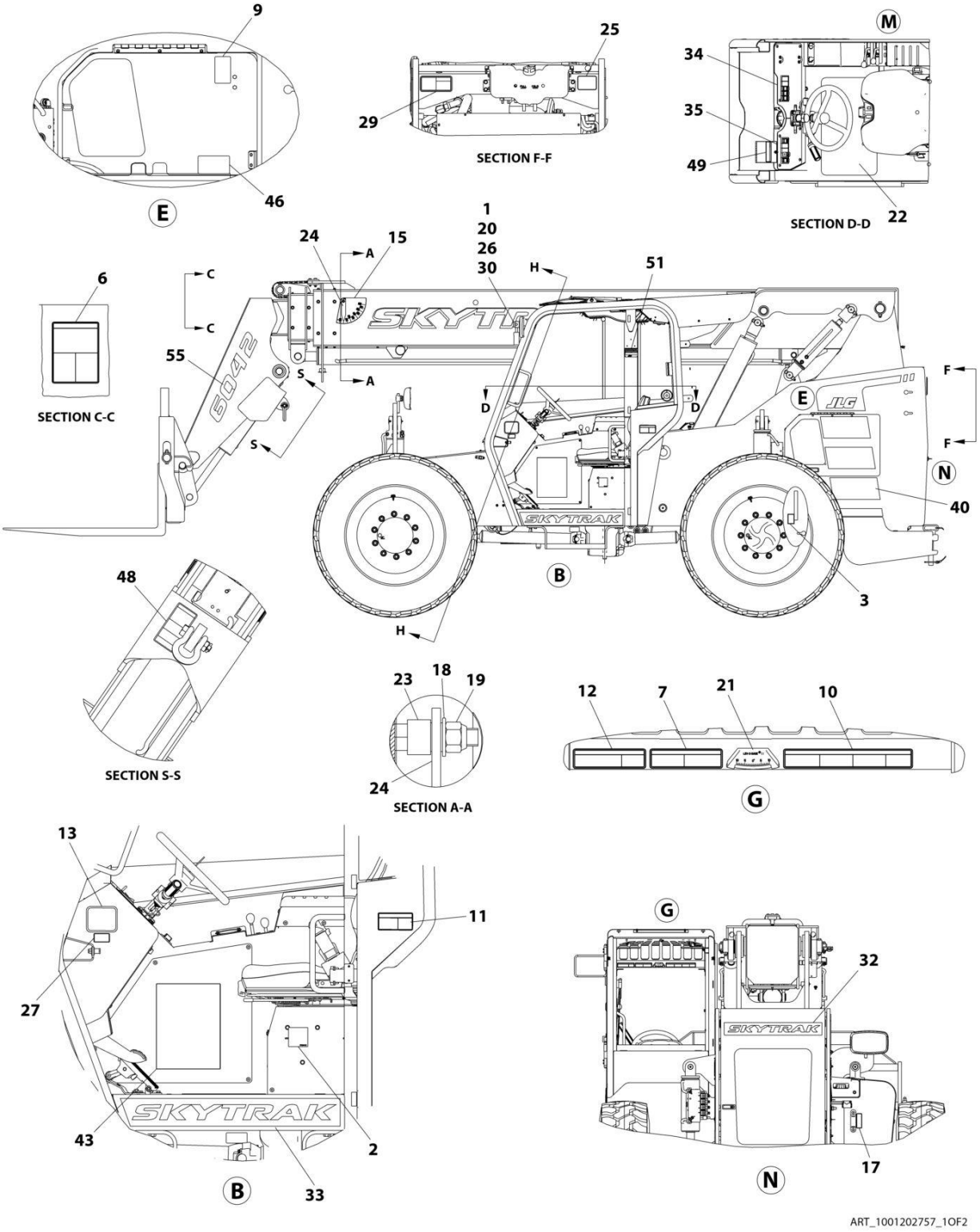
FIGURE 10-46. WIPER HARNESS

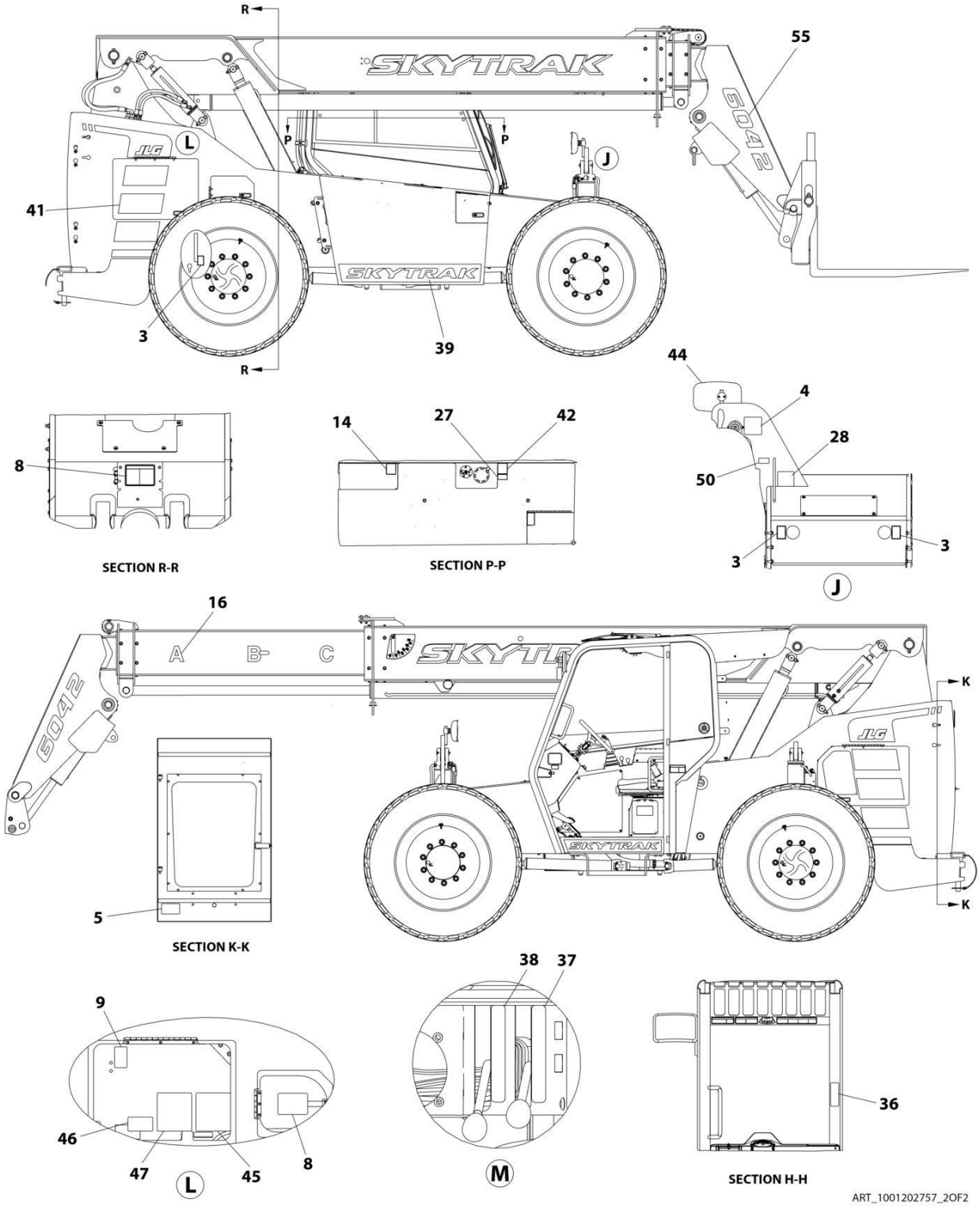
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178349	Ref	Wiper Harness	D
1	8220051	1	Terminal	
2	8220051	1	Terminal	
3	8220035	1	Terminal, Ring	
4	8220051	1	Terminal	
5	4460994	1	Housing, Terminal	
	1001169816	2	Terminal	
6	4460897	1	Connector	
	80604017	1	Lock, Wedge	
	4460464	2	Terminal	
7	8220007	1	Terminal, Ring	
8	1001127066	1	Connector	
	1001116720	3	Terminal	
9	8220904	1	Connector	
	4460419	5	Terminal	
10	1001117081	1	Connector	
	4460419	9	Terminal	
11	1001117081	1	Connector	
	4460419	9	Terminal	

SECTION 11 - DECALS

SECTION 11 - DECALS

FIGURE 11-1. DECAL INSTALLATION, 74HP (ANSI)

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SECTION H-H
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SECTION 11 - DECALS

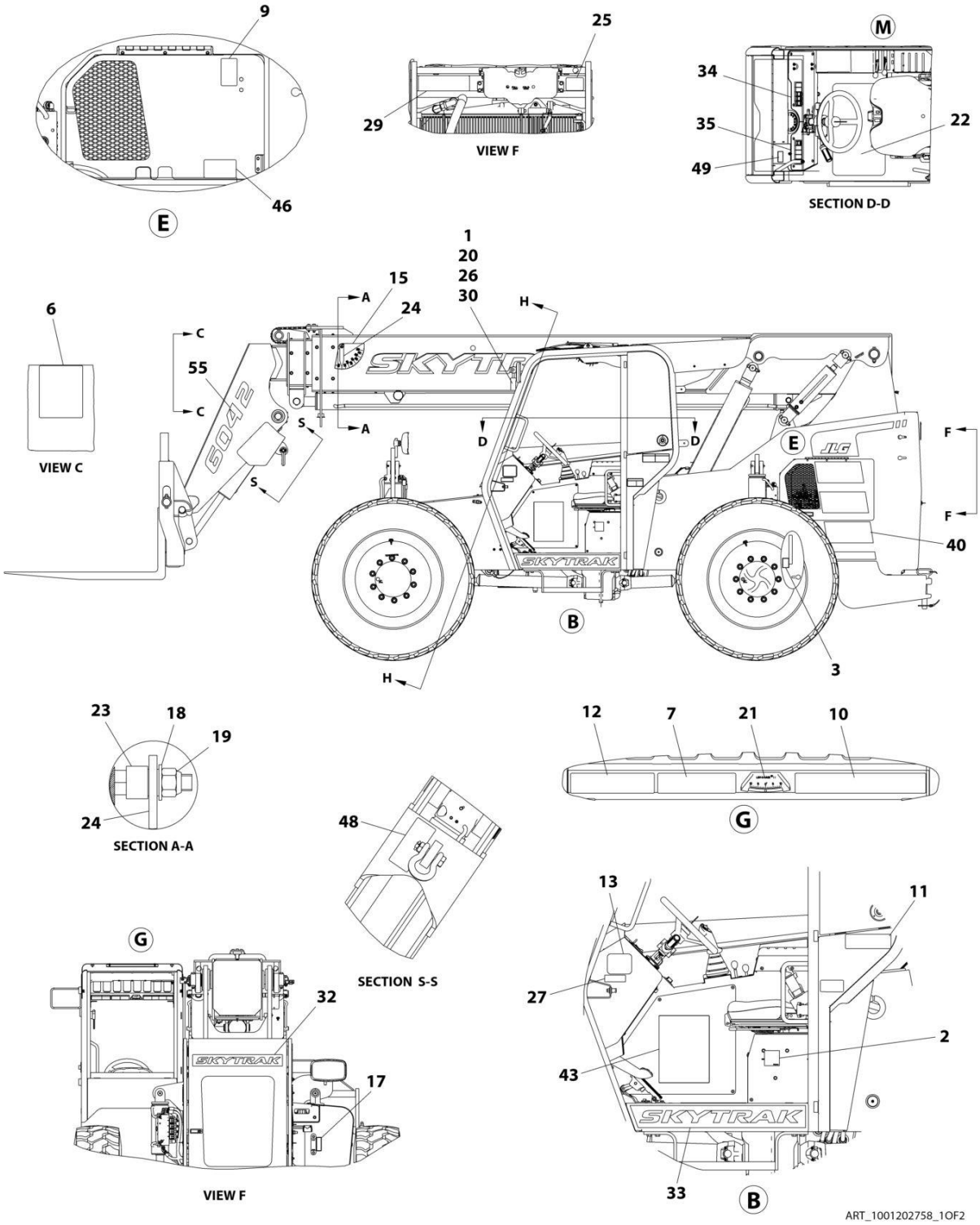
FIGURE 11-1. DECAL INSTALLATION, 74HP (ANSI)

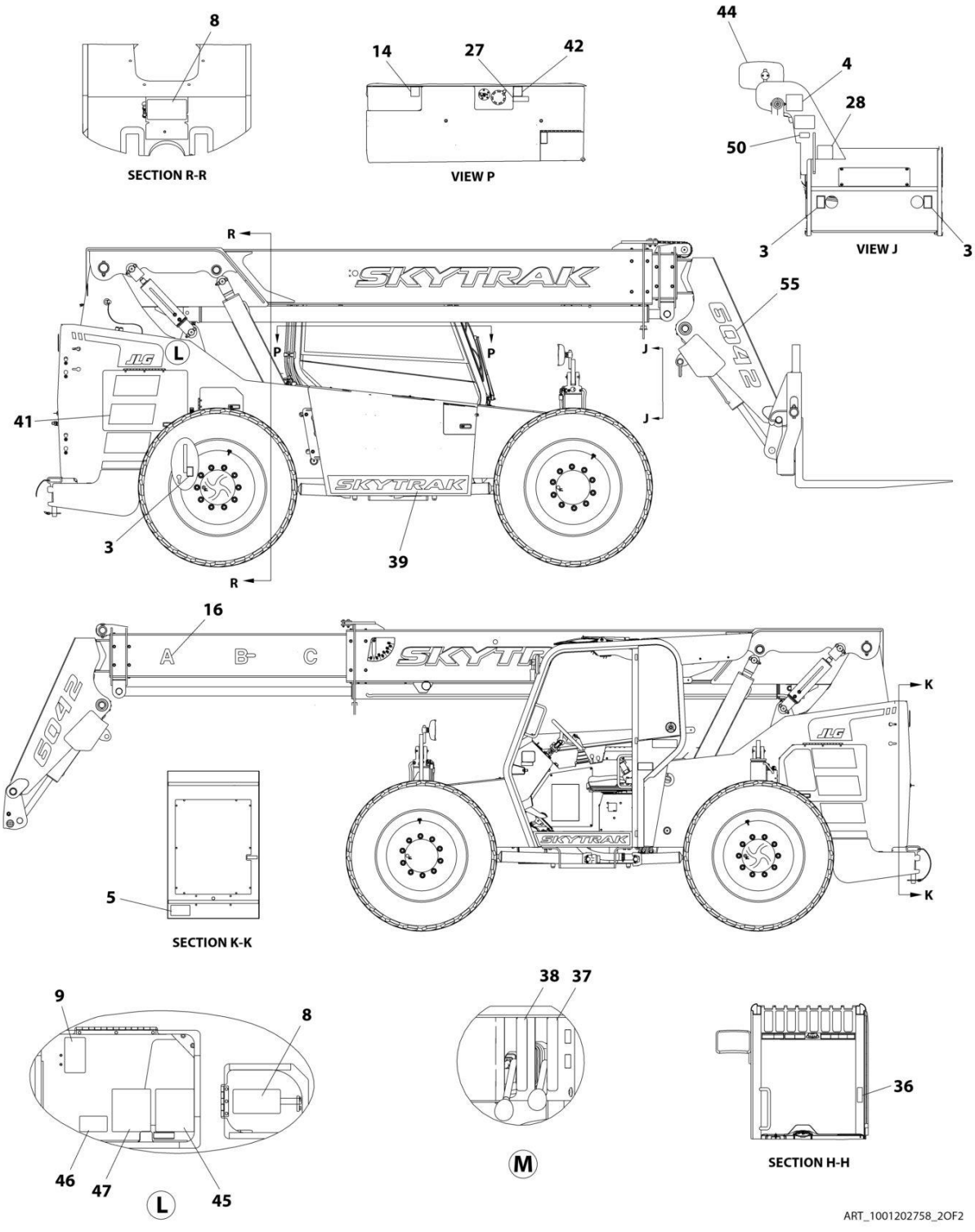
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202757	Ref	DECAL INSTALLATION, 74HP (ANSI) (6042)	L
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	1702300	4	Decal, Tie Down	
4	1702631	1	Decal, Bar Code	
5	1706296	1	Decal, Battery Hazard	
6	1706298	1	Decal, Carry Personnel	
7	1706299	1	Decal, Contacting Power Lines Warning	
8	1706300	2	Decal, Ether Starting Warning	
9	1706301	2	Decal, Keep Clear of Rotating Parts Warning	
10	1706306	1	Decal, Tip Over Warning	
11	1706768	1	Decal, No Riders	
12	1706850	1	Decal, Crush Hazard Warning	
13	3251813	1	Decal, USA	
14	4100181	1	Decal, Hydraulic Oil Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
17	4108302	1	Decal, Hydraulic Oil Level	
18	4711600	1	Washer 3/8	
19	8305645	1	Nut 3/8	
20	8307024	2	Washer M6	
21	8466306	1	Gage, Tilt Angle	
22	10139087	1	Tread, Safety	
23	1001096404	1	Sleeve, Angle Indicator Spacer	
24	1001098769	1	Plate, Boom Angle Indicator	
25	1001109053	1	Decal, Coolant Fill	
26	1001114675	1	Arm, Mirror	
27	1001125387	2	Decal, Ultra Low Sulfur Fuel	
28	1001131271	1	Decal, Telehandlers Patent	
29	1001139578	1	Decal, Hot Fluid Warning	
30	1001148177	1	Mirror, Rectangular	
32	1001259303	1	Decal, Tank Side	
33	1001259302	1	Decal, Cab Side	
34	1001158272	1	Decal, RH Overlay	
35	1001158319	1	Decal, LH Overlay	
36	1001162734	1	Decal, Joystick Control	
37	1001162735	1	Decal, Sway Control	
38	1001162736	1	Decal, Auxiliary Control	
39	1001263821	1	Decal, Rear Door	
40	1001263819	1	Decal, Right Side Stripe	
41	1001263820	1	Decal, Left Side Stripe	
42	1001189017	1	Decal, Diesel Fuel Fill	
43	1001189327	1	Decal, Main Fuse Panel	
44	1001191635	1	Mirror Assembly, RH	
45	1001191993	1	Decal, Lubrication Chart	
46	1001202626	2	Decal, 74HP	
47	1001202627	1	Decal, Maintenance Chart	
48	1001207217	1	Decal, Danger Swinging Load	
49	1001218659	1	Decal, Brake Fluid	
50	1001223453	1	Decal, ICES (CAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
51	1001231801	1	Decal, Warning Prop 65 Diesel	
55	1001263592	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-2. DECAL INSTALLATION, 74HP (ENGLISH/FRENCH)

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SECTION H-H
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FIGURE 11-2. DECAL INSTALLATION, 74HP (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202758	Ref	DECAL INSTALLATION, 74HP (ENGLISH/FRENCH) (6042)	K
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	1702300	4	Decal, Tie Down	
4	1702631	1	Decal, Bar Code	
5	1001163174	1	Decal, Battery Warning	
6	1001163206	1	Decal, Carry Personnel	
7	1001163210	1	Decal, Electrocution Hazard	
8	1001163212	2	Decal, No Ether Warning	
9	1001163222	2	Decal, Moving Parts	
10	1001163285	1	Decal, Tip Over Warning	
11	1001163300	1	Decal, No Riders	
12	1001163304	1	Decal, Crush Hazard Warning	
13	3251813	1	Decal, USA	
14	4100181	1	Decal, Hydraulic Oil Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
17	4108302	1	Decal, Hydraulic Oil Level	
18	4711600	1	Washer 3/8	
19	8305645	1	Nut 3/8	
20	8307024	2	Washer M6	
21	8466306	1	Gage, Tilt Angle	
22	10139087	1	Tread, Safety	
23	1001096404	1	Sleeve, Angle Indicator Spacer	
24	1001098769	1	Plate, Boom Angle Indicator	
25	1001109053	1	Decal, Coolant Fill	
26	1001114675	1	Arm, Mirror	
27	1001163355	2	Decal, Ultra Low Sulfur Diesel	
28	1001131271	1	Decal, Telehandlers Patent	
29	1001163323	1	Decal, Hot Fluid Warning	
30	1001148177	1	Mirror, Rectangular	
32	1001259303	1	Decal, Tank Side	
33	1001259302	1	Decal, Cab Side	
34	1001180175	1	Decal, RH Overlay	
35	1001180176	1	Decal, LH Overlay	
36	1001162734	1	Decal, Joystick Control	
37	1001162735	1	Decal, Sway Control	
38	1001162736	1	Decal, Auxiliary Control	
39	1001263821	1	Decal, Rear Door	
40	1001263819	1	Decal, Right Side Stripe	
41	1001263820	1	Decal, Left Side Stripe	
42	1001189017	1	Decal, Diesel Fuel Fill	
43	1001189327	1	Decal, Main Fuse Panel	
44	1001191635	1	Mirror Assembly, RH	
45	1001191993	1	Decal, Lubrication Chart	
46	1001202626	2	Decal, 74HP	
47	1001202627	1	Decal, Maintenance Chart	
48	1001211278	1	Decal, Swinging Load Decal Kit (CAN)	
49	1001219211	1	Decal, Brake Fluid	
50	1001223453	1	Decal, ICES (CAN)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	1001263592	2	Decal, Model Boom Head	

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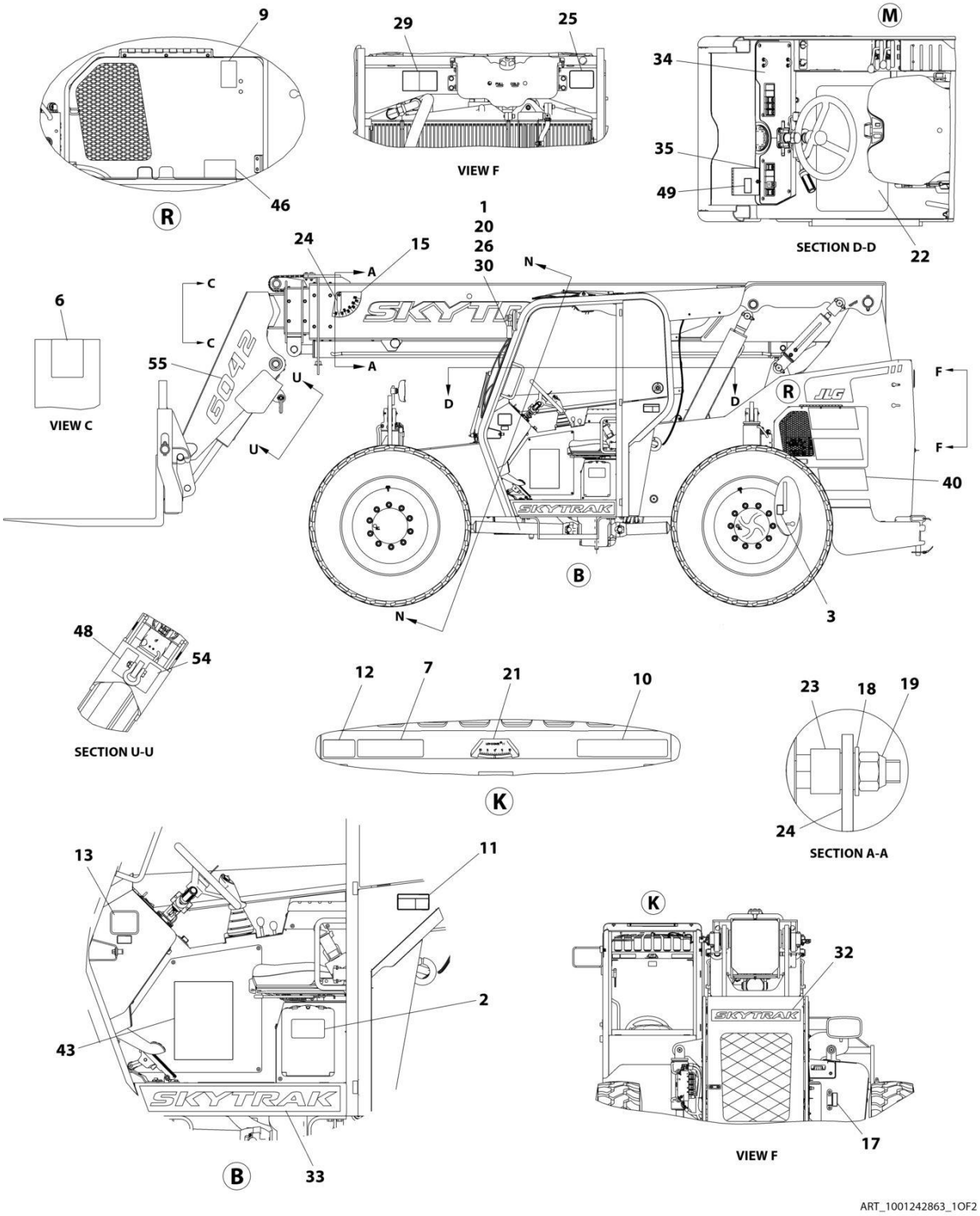
FIGURE 11-3. DECAL INSTALLATION, 74HP (ENGLISH/SPANISH)



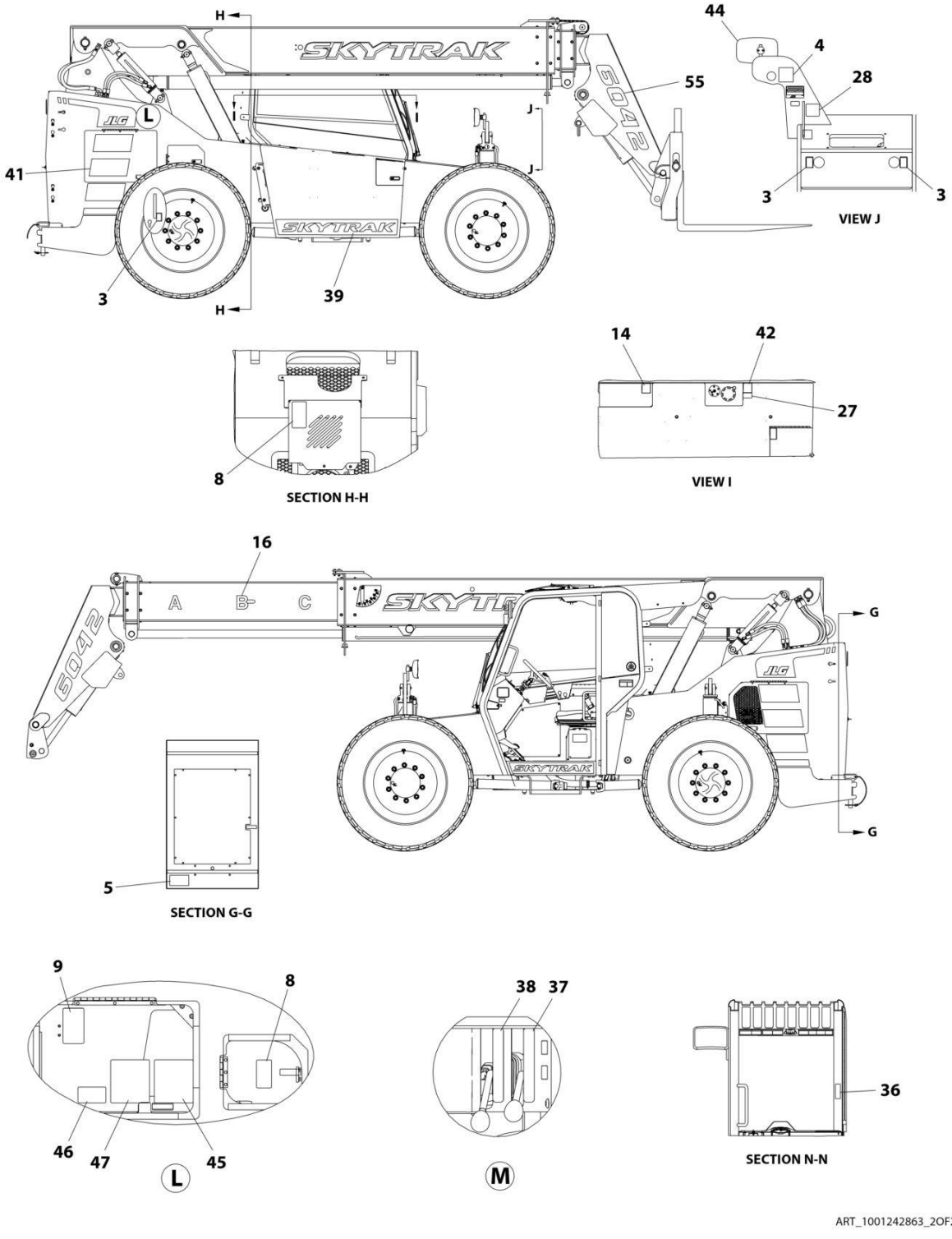

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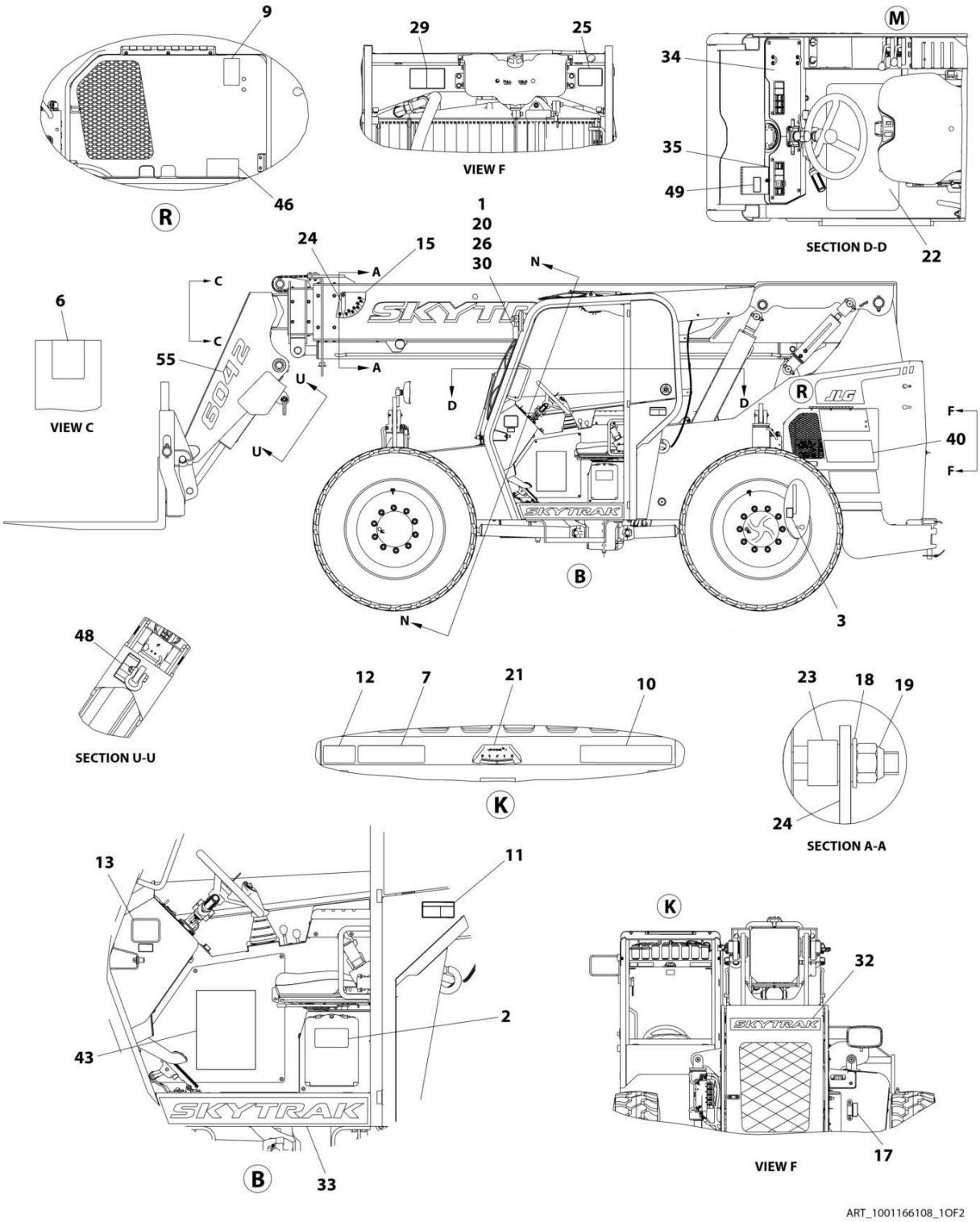
FIGURE 11-3. DECAL INSTALLATION, 74HP (ENGLISH/SPANISH)

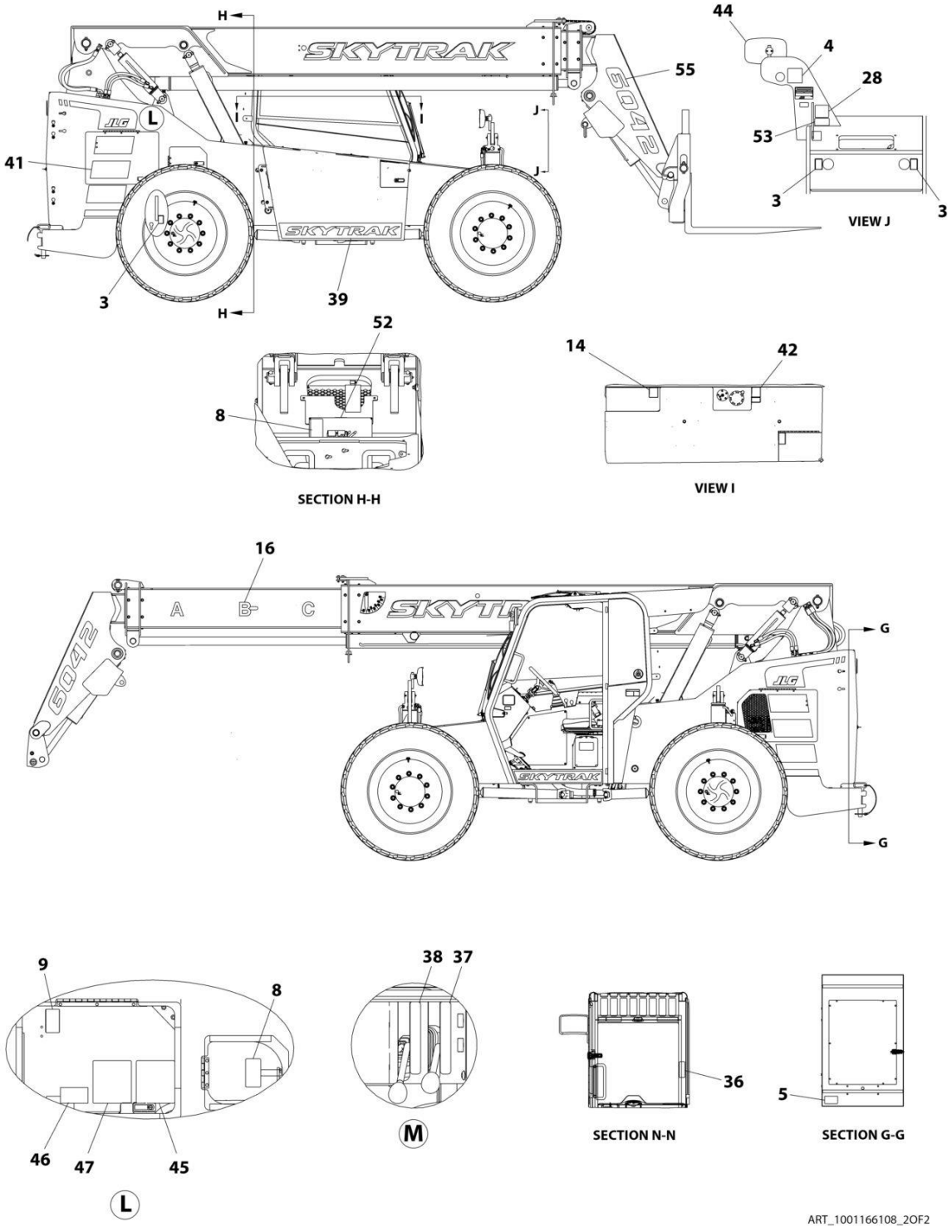
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001242863	Ref	DECAL INSTALLATION (ENGLISH/SPANISH)	F
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	1702300	4	Decal, Tie Down	
4	1702631	1	Decal, Bar Code	
5	1001235794	1	Decal, Battery Warning	
6	1001235796	1	Decal, Carry Personnel	
7	1001235797	1	Decal, Electrocution Hazard	
8	1001235798	2	Decal, Ether Starting Warning	
9	1001235799	2	Decal, Moving Parts	
10	1001235801	1	Decal, Tip Over Warning	
11	1001235802	1	Decal, No Riders	
12	1001235803	1	Decal, Crush Hazard Warning	
13	3251813	1	Decal, USA	
14	4100181	1	Decal, Hydraulic Oil Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
17	4108302	1	Decal, Hydraulic Oil Level	
18	4711600	1	Washer 3/8	
19	8305645	1	Nut 3/8	
20	8307024	2	Washer M6	
21	8466306	1	Gage, Tilt Angle	
22	10139087	1	Tread, Safety	
23	1001096404	1	Sleeve, Angle Indicator Spacer	
24	1001098769	1	Plate, Boom Angle Indicator	
25	1001109053	1	Decal, Coolant Fill	
26	1001114675	1	Arm, Mirror	
27	1001235804	2	Decal, Ultra Low Sulfur Diesel (SPAN)	
28	1001131271	1	Decal, Telehandlers Patent	
29	1001235805	1	Decal, Hot Fluid Warning	
30	1001148177	1	Mirror, Rectangular	
32	1001259303	1	Decal, Tank Side	
33	1001259302	1	Decal, Cab Side	
34	1001242172	1	Decal, RH Overlay	
35	1001242173	1	Decal, LH Overlay	
36	1001162734	1	Decal, Joystick Control	
37	1001162735	1	Decal, Sway Control	
38	1001162736	1	Decal, Auxiliary Control	
39	1001263821	1	Decal, Rear Door	
40	1001263819	1	Decal, Right Side Stripe	
41	1001263820	1	Decal, Left Side Stripe	
42	1001189017	1	Decal, Diesel Fuel Fill	
43	1001189327	1	Decal, Main Fuse Panel	
44	1001191635	1	Mirror, RH	
45	1001191993	1	Decal, Lubrication Chart	
46	1001236313	2	Decal, MCO 74HP	
47	1001202627	1	Decal, Maintenance Chart (74HP)	
48	1001246078	1	Decal, Danger Swinging Load	
49	1001219211	1	Decal, Brake Fluid	
54	1001242179	1	Decal, Danger Swinging Load	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	1001263592	2	Decal, Model Boom Head	

SECTION 11 - DECALS

FIGURE 11-4. DECAL INSTALLATION (ISO)

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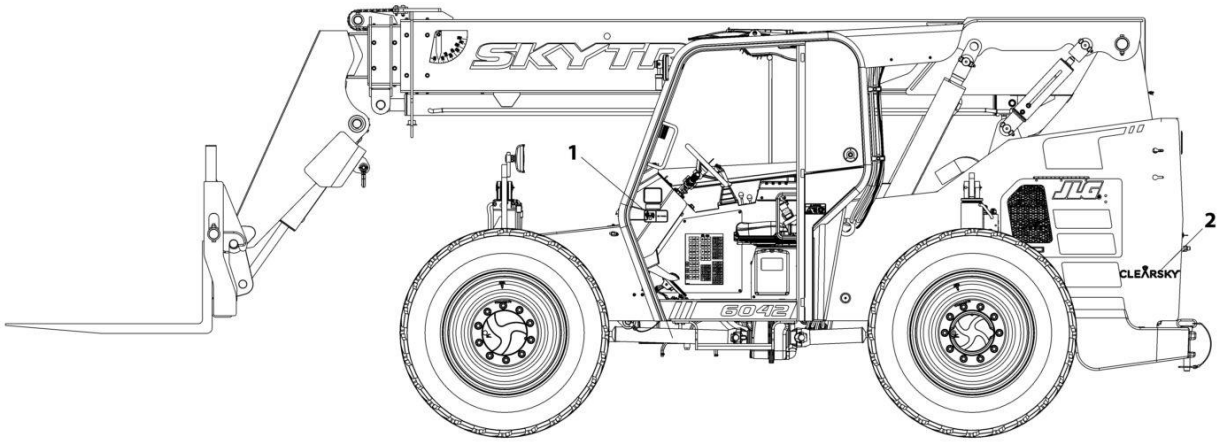
SECTION 11 - DECALS

FIGURE 11-4. DECAL INSTALLATION (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166108	Ref	DECAL INSTALLATION (ISO) (6042)	K
1	0700610	2	Bolt M6 x 20	
2	1701640	1	Decal, Manual	
3	1702300	4	Decal, Tie Down	
4	1702631	1	Decal, Bar Code	
5	1706281	1	Decal, Battery Warning	
6	1706282	1	Decal, Carry Personnel	
7	1706284	1	Decal, Electrocution Hazard	
8	1706098	2	Decal, Ether Starting Warning	
9	1706285	2	Decal, Moving Parts	
10	1706288	1	Decal, Tip Over Warning	
11	1001092878	1	Decal, No Riders	
12	1001092877	1	Decal, Crush Hazard Warning	
13	3251813	1	Decal, USA	
14	4100181	1	Decal, Hydraulic Oil Fill	
15	4105262	1	Decal, Boom Angle Indicator	
16	4107442	1	Decal, Boom Extend Letters	
17	4108302	1	Decal, Hydraulic Oil Level	
18	4711600	1	Washer 3/8	
19	8305645	1	Nut 3/8	
20	8307024	2	Washer M6	
21	8466306	1	Gage, Tilt Angle	
22	10139087	1	Tread, Safety	
23	1001096404	1	Sleeve, Angle Indicator Spacer	
24	1001198769	1	Plate, Boom Angle Indicator	
25	1001109053	1	Decal, Coolant Fill	
26	1001114675	1	Arm, Mirror	
28	1001131271	1	Decal, Telehandlers Patent	
29	1001139942	1	Decal, Hot Fluid Warning	
30	1001148177	1	Mirror, Rectangular	
32	1001259303	1	Decal, Tank Side	
33	1001259302	1	Decal, Cab Side	
34	1001158320	1	Decal, LH Overlay	
35	1001158321	1	Decal, RH Overlay	
36	1001162734	1	Decal, Joystick Control	
37	1001162735	1	Decal, Sway Control	
38	1001162736	1	Decal, Auxiliary Control	
39	1001263821	1	Decal, Rear Door	
40	1001263819	1	Decal, Right Side Stripe	
41	1001263820	1	Decal, Left Side Stripe	
42	1001189017	1	Decal, Diesel Fuel Fill	
43	1001189327	1	Decal, Main Fuse Panel	
44	1001191635	1	Mirror, RH	
45	1001191993	1	Decal, Lubrication Chart	
46	1001173423	2	Decal, MCO 85HP	
47	1001202627	1	Decal, Maintenance Chart (74HP)	
47	1001174152	1	Decal, Maintenance Chart (85HP)	
48	1001207218	1	Decal, Danger Swinging Load	
49	1001219211	1	Decal, Brake Fluid	
52	1001142452	1	Decal, No Step	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
53	1001143852	1	Decal, LRC EPA	
55	1001263592	2	Decal, Model Boom Head	

FIGURE 11-5. CLEARSKY DECAL INSTALLATION



ART_1001229703-B

FIGURE 11-5. CLEARSKY DECAL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229703	Ref	Clearsky Decal Installation	B
1	1001120989	1	Decal, Radio Frequency	
2	1001116208	1	Decal, Clear Sky	

FIGURE 11-6. BOOM DECALS INSTALLATION (6042)

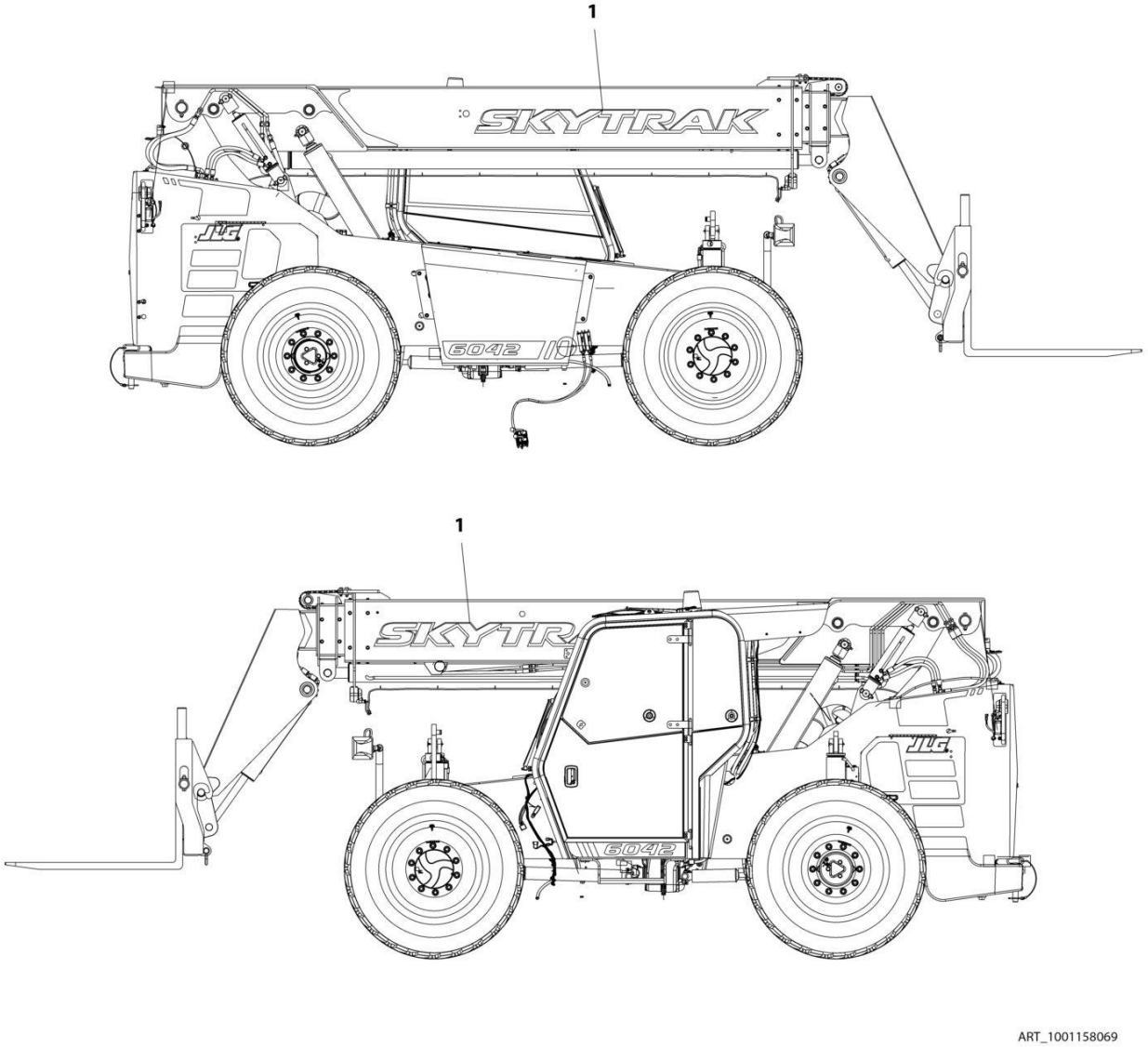
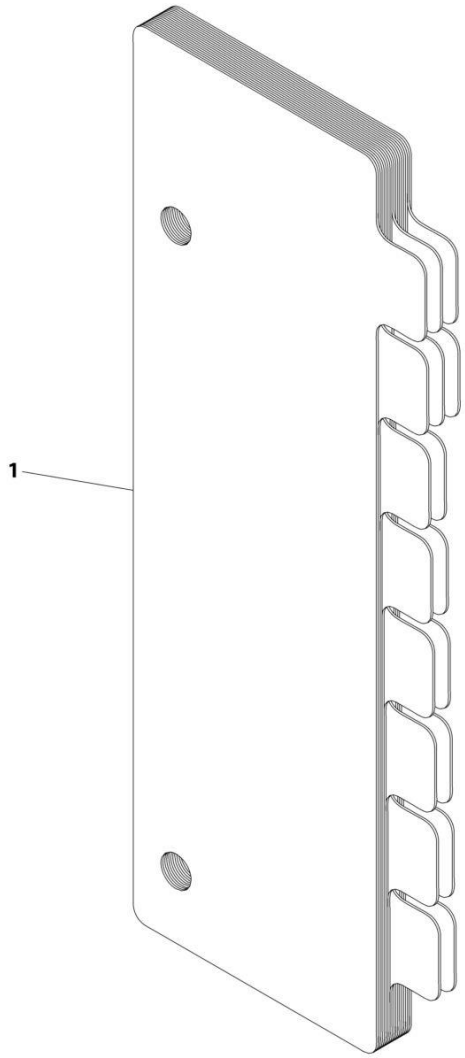


FIGURE 11-6. BOOM DECALS INSTALLATION (6042)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001158069	Ref	BOOM DECALS INSTALLATION (6042)	B
1	1001262057	2	Decal, Boom	

FIGURE 11-7. CAPACITY CHART (ANSI)

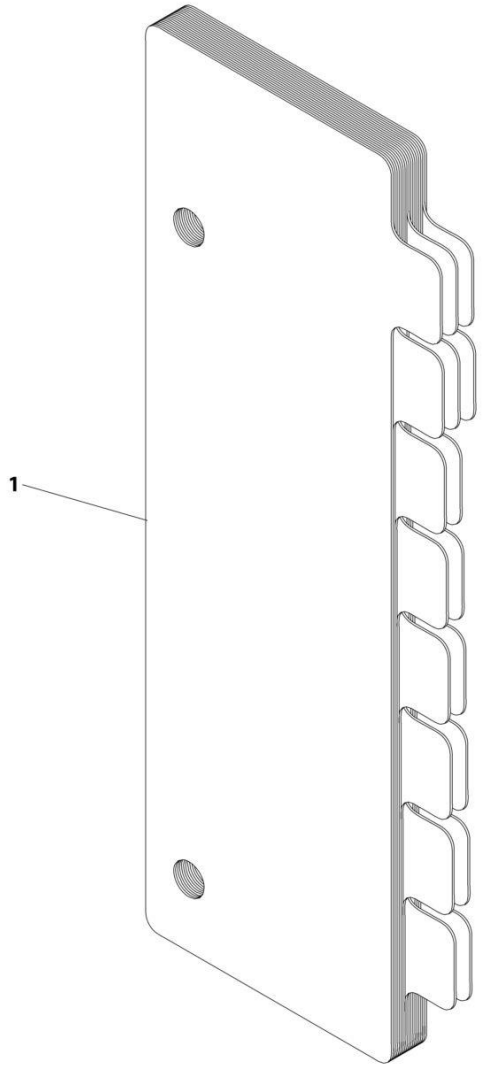


ART_1001211869-F

FIGURE 11-7. CAPACITY CHART (ANSI)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211869	1	Capacity Chart (ANSI) - 6042	F

FIGURE 11-8. CAPACITY CHART (ISO)



ART_1001211870-F

FIGURE 11-8. CAPACITY CHART (ISO)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001211870	1	Capacity Chart (ISO) - 6042	F

FIGURE 11-9. REVERSE SENSOR SYSTEM DECAL (ENGLISH)

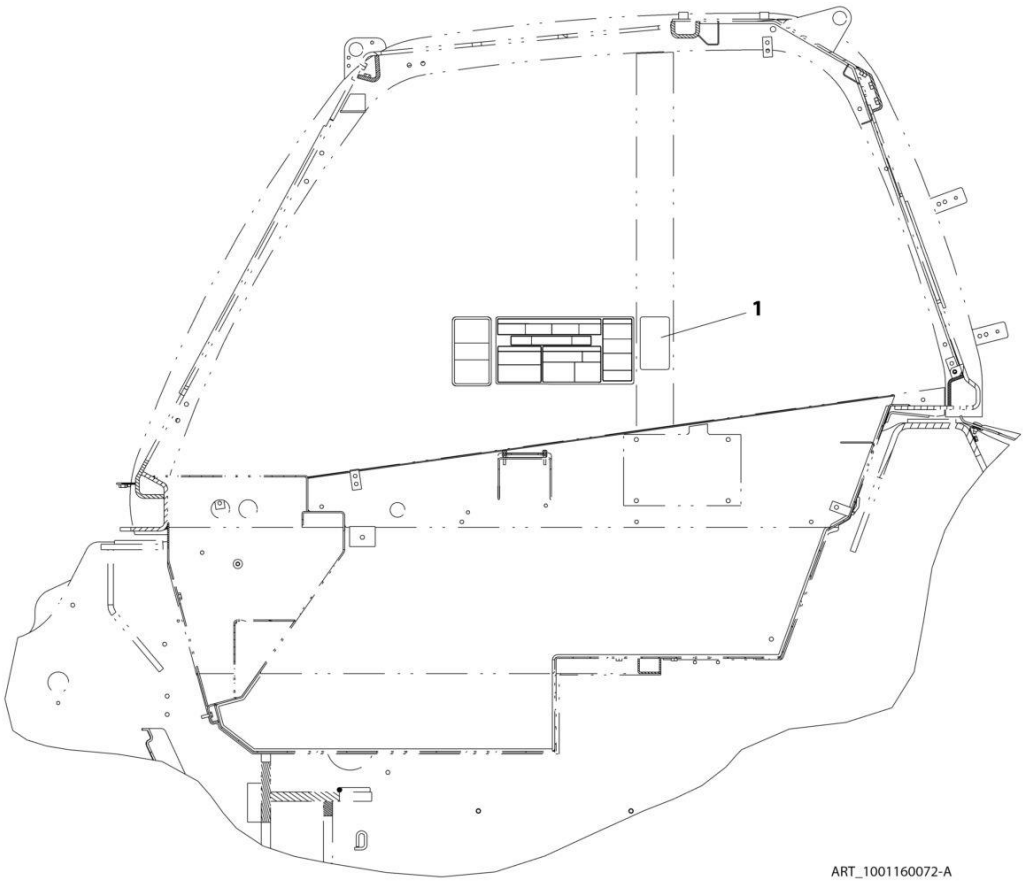


FIGURE 11-9. REVERSE SENSOR SYSTEM DECAL (ENGLISH)

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

FIGURE 11-10. REVERSE SENSOR SYSTEM DECAL (ISO)

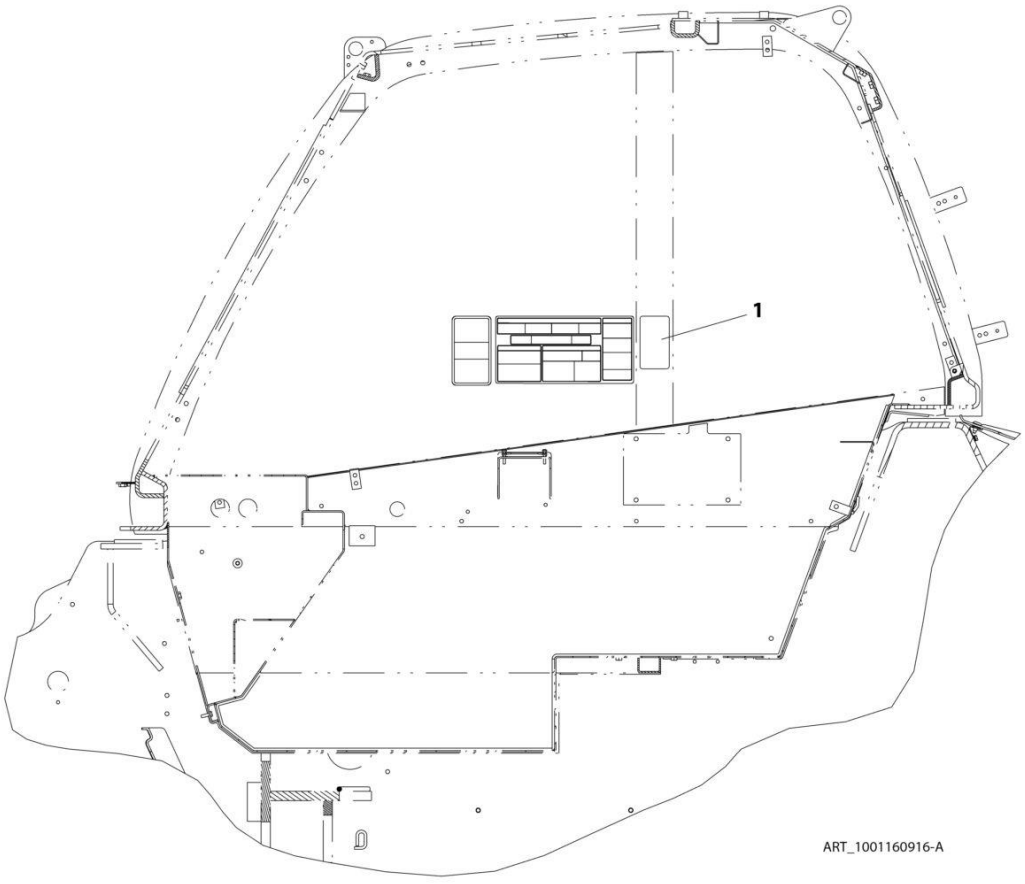


FIGURE 11-10. REVERSE SENSOR SYSTEM DECAL (ISO)

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

FIGURE 11-11. REVERSE SENSOR SYSTEM DECAL (ENGLISH/FRENCH)

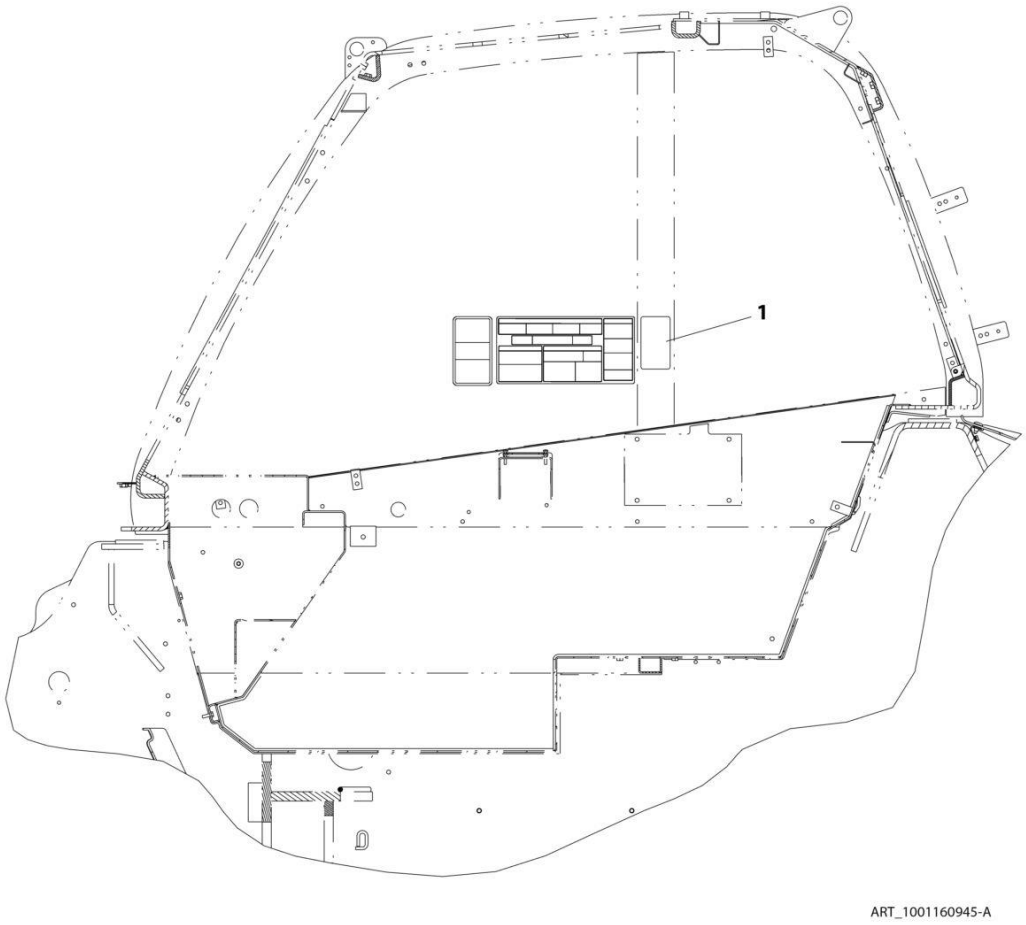


FIGURE 11-11. REVERSE SENSOR SYSTEM DECAL (ENGLISH/FRENCH)

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

FIGURE 11-12. REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH)

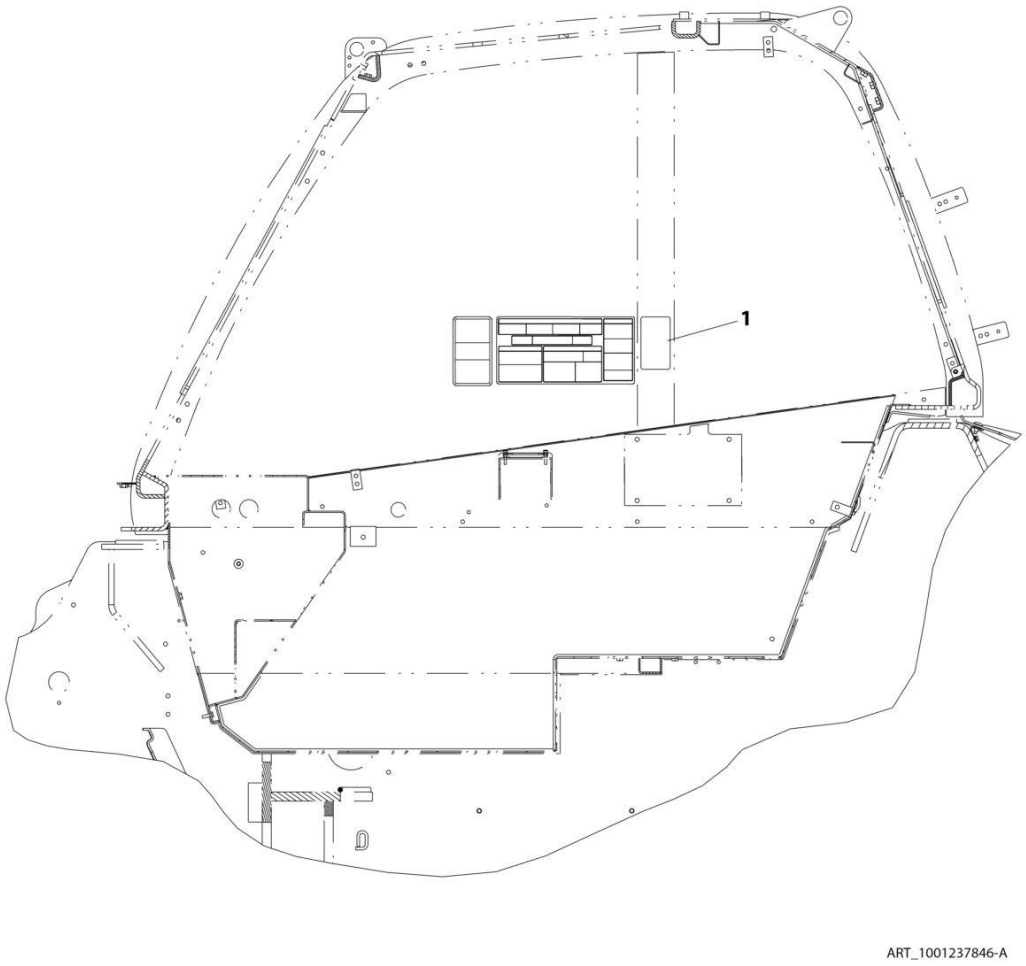


FIGURE 11-12. REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
1	1001237846	Ref	REVERSE SENSOR SYSTEM DECAL (ENGLISH/SPANISH LANGUAGES)	A

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.	
	70026085	1	Coil (Secondary Control)	
	70026582	1	Coil (Steering Select)	
	7029246	1	Coil, Solenoid (Stabil-Trak)	
	1001203181	1	Control, ASOV	
	1001210703	1	Control, Cab	
	1001247421	1	Control, Reverse Sensor	
	1001173581	1	Controller, Auxiliary (Secondary Controls)	
	1001173582	1	Controller, Frame Level (Secondary Controls)	
	1001158002	1	Controller, Pilot Joystick	
	1600429	1	Controller, Transmission	
	8223073	1	Controller, Turn Signal (Road Lights)	
	1001199205	1	Element, Filter Hydraulic	
		Ref	Engine, 74HP (ULS)	
	70026453	1	Element, Fuel Filter Secondary	
	70026234	1	Element, Fuel Filter Primary	
	70026237	1	Filter, Oil	
	70025852	1	Filter, Primary Air	
	70025853	1	Filter, Secondary Air	
	8229242	2	Fuse 5A	
		Ref	Engine, 85HP (ULS)	
	70026453	1	Element, Fuel Filter Secondary	
	70026237	1	Filter, Oil	
	70025852	1	Filter, Primary Air	
	70025853	1	Filter, Secondary Air	
		Ref	Engine, 85HP (LS)	
	70026801	1	Element, Fuel Filter Secondary	
	70026234	1	Element, Fuel Filter Primary	
	70026237	1	Filter, Oil	
	1101312	1	Filter, Primary Air	
	1101313	1	Filter, Secondary Air	
	7139077	1	Filler/Breather (Hydraulic)	
	8229261	2	Fuse, 5A (ASOV Harness -Cab & Cab Power Distribution Harness)	
	8229233	2	Fuse, 7.5A (Cab Power Distribution Harness)	
	8229234	2	Fuse, 10A (ASOV Harness -Cab & Cab Power Distribution Harness)	
	8229237	2	Fuse, 15A (Cab Power Distribution Harness)	
	8229235	2	Fuse, 20A (ASOV Harness & Cab Power Distribution Harness)	
	8229238	2	Fuse, 40A (Cab Power Distribution Harness)	
	1001118245	2	Fuse, 250 Amp (Relay Panel)	
	1001129285	2	Fuse, Mini Diode (Cab Power Distribution Harness)	
	1001127699	2	Fuse, Power Module (Relay Panel)	
	70021948	1	Key, Cab Door (Enclosed Cab)	
	8035807	1	Key, Ignition (Cab All)	
	2940074	1	Latch (Personnel Platform)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228954	1	Module, ClearSky Canbus (CE)	
	1001262322	1	Module, 4G ClearSky Canbus (ANSI)	
	1001226328	1	Module, 3W TCU ClearSky 3-Wire (ANSI)	
	1001233236	1	Module, 3W TCU ClearSky 3-Wire (CE)	
	1001186417	1	Relay, 150 Amp (Relay Panel)	
	3740080	1	Relay, 12V 20/40A (ASOV)	
	70026986	1	Relay, 12V 30/40A (Roof Box HVAC)	
	1001205172	1	Relay, Micro 280, 12V, 35 Amp (Cab Power Distribution Harness)	
	1001184316	1	Relay, Power Module (Relay Panel)	
	1001130307	1	Sensor, Boom (Electrical Installation)	
	1001245478	1	Sensor, Coolant Level (Deareration Tank)	
	1001145026	1	Sensor, Fuel	
	1001169077	1	Sensor, PRS Temperature (Air Cleaner ULS)	
	70025897	1	Solenoid (Piston Pump)	
	1001215941	1	Switch (ASOV)	
	8223038	1	Switch, Beacon	
	8223025	1	Switch, Brake Lights (Roadlights)	
	8223060	1	Switch, Hazard (Roadlights)	
	7138878	1	Switch, Horn (Cab All)	
	4360690	1	Switch, Ignition (Cab All)	
	8223054	1	Switch, Park Brake (Cab All)	
	8223037	1	Switch, Steer Select (Cab All)	
	8223044	1	Switch, Windscreen Washer (Enclosed Cab)	
	8223043	1	Switch, Windscreen Wiper (Enclosed Cab)	
	8223059	1	Switch, Work Light (Roadlights & Worklights)	

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	
	1001273266	Ref	Accelerator Extension Harness (for Accelerator 1001264554) (Note: Verify cab power harness version before purchasing)	
	1001273267	Ref	Accelerator Extension Harness (for Accelerator 1001180555) (Note: Verify cab power harness version before purchasing)	
	1001243577	Ref	Access Control Kit	
	1001214787	Ref	Aftermarket Kits	N
	1001239455	Ref	Backup Camera Kit	
	1001214398	Ref	Battery Disconnect Kit	
	8024032	Ref	Boom Chain Kit - Extend	
	8024033	Ref	Boom Chain Kit - Retract	
	1001119783	Ref	Boom Wear Pads Kit	
	1001167008	Ref	Brake inlet Pressure Hose Kit	
	1001201455	Ref	Cab A/C Kit	
	1001280231	Ref	Cab Door Window Kit	
	1001201453	Ref	Cab Enclosure Kit	
	1001193427	Ref	Cab Enclosure Kit with Heater	
	1001193428	Ref	Cab Enclosure Kit with HVAC	
	1001201454	Ref	Cab HVAC Kit	
	1001201456	Ref	Cab Heater Kit	
	1001268341	Ref	Camera Kit - Multi-View Rear	
	1001243184	Ref	ClearSky Telematics Kit - Canbus (CE)	
	1001243183	Ref	ClearSky Telematics Kit - Canbus (North America)	
	1001276923	Ref	ClearSky Telematics Add-on Kit (Contact JLG for Approved Countries)	
	1001242196	Ref	Cold Weather Kit	
	1001238934	Ref	Cold Weather - w/ Crankcase Breather Heater	
	1001262152	Ref	Decal Kit	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp/Tyco Electrical Connectors	
	1001148903	Ref	Deutsch DT Electrical Connectors	
	1001148904	Ref	Deutsch HD Electrical Connectors	
	1001148905	Ref	Packard Electrical Connectors	
	1001148906	Ref	Various Electrical Connectors	
	1001196127	Ref	Engine FAPL - 74HP ULS	
	1001166034	Ref	Engine FAPL - 110HP LS	
	1001177168	Ref	Engine Removal Brackets Kit	
	1001128806	Ref	Fan Shroud Kit	
	1001201461	Ref	Fender Kit	
	1001199737	Ref	Filter Kit - 250Hour	
	1001199738	Ref	Filter Kit - 1000Hour	
	1001239988	Ref	Fire Extinguisher Kit	
	1001205749	Ref	Hydraulic Circuit FAPL	E
	1001253916	Ref	Latch Catch Kit (ANSI)	
	1001201459	Ref	Lights - Beacon Lights Kit	
	1001213944	Ref	Lights - Roadlights Kit (Eaton Brakes)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201458	Ref	Lights - Roadlights Kit (Safim Brakes)	
	1001238893	Ref	Lights - Worklight Kit (LED)	
	1001253829	Ref	Reverse Sensing System Kit	
	1001130717	Ref	Service Kits	Z
	1001265373	Ref	Skytrak Telematics Harness Kit	
	1001248570	Ref	Tire Kit (Set of 4) G2 13.00 x 24 Foam-Filled	
	1001248571	Ref	Tire Kit (Set of 4) G2 13.00 x 24 Pneumatic	
	1001274257	Ref	Tire Kit (Set of 4) Solid 13x28 Directional	
	1001274302	Ref	Tire Kit (Set of 4) Solid 13x28 Non-Directional	
	1001274305	Ref	Tire Kit (Set of 4) Solid 14x28 Directional	
	1001274307	Ref	Tire Kit (Set of 4) Solid 14x28 Non-Directional	
	1001274718	Ref	Tire Kit (Set of 4) Solid 13x24 Directional	
	1001274721	Ref	Tire Kit (Set of 4) Solid 13x24 Directional	
	1001262436	Ref	Tire Kit (Set of 4) Turf Pneumatic, ZF Axles	
		Ref	Tools for Service	
	1001249695	Ref	Analyzer and Cable Kit	
	1001249941	Ref	Analyzer and Cable Kit (Battery Powered)	
	70022871	Ref	Counter Support, ZF Transmission	
	7002821	Ref	Crimper, Wire	
	70023174	Ref	Eye Bolt Assortment, ZF Transmission	
	70022872	Ref	Internal Extractor, 45-58mm, ZF Transmission	
	7002823	Ref	Pin Extractor - Universal (For Electrical Connectors with Pins and Sockets)	
	4460510	Ref	Pin Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460467	Ref	Pin Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7016654	Ref	Screwdriver, Magnetic	
	7002822	Ref	Screwdriver, Potentiometer	
	7004275	Ref	Seal Tool 1in (For Cylinders)	
	7004276	Ref	Seal Tool 1-1/2in (For Cylinders)	
	70026448	Ref	Spanner Wrench	
	7002828	Ref	Stripper, Wire	
	70010239	Ref	Two-Armed Puller, 160-150mm, ZF Transmission	
	1001262959	Ref	Voltage Regulator ClearSky Locate Kit	
	1001213885	Ref	White Noise Alarm Kit	

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