Illustrated Parts Manual

Models
EC600SJ/EC600SJP
H600SJ/H600SJP

PVC
2307

P/N
31222350

July 1, 2023 - Rev A

ANSI

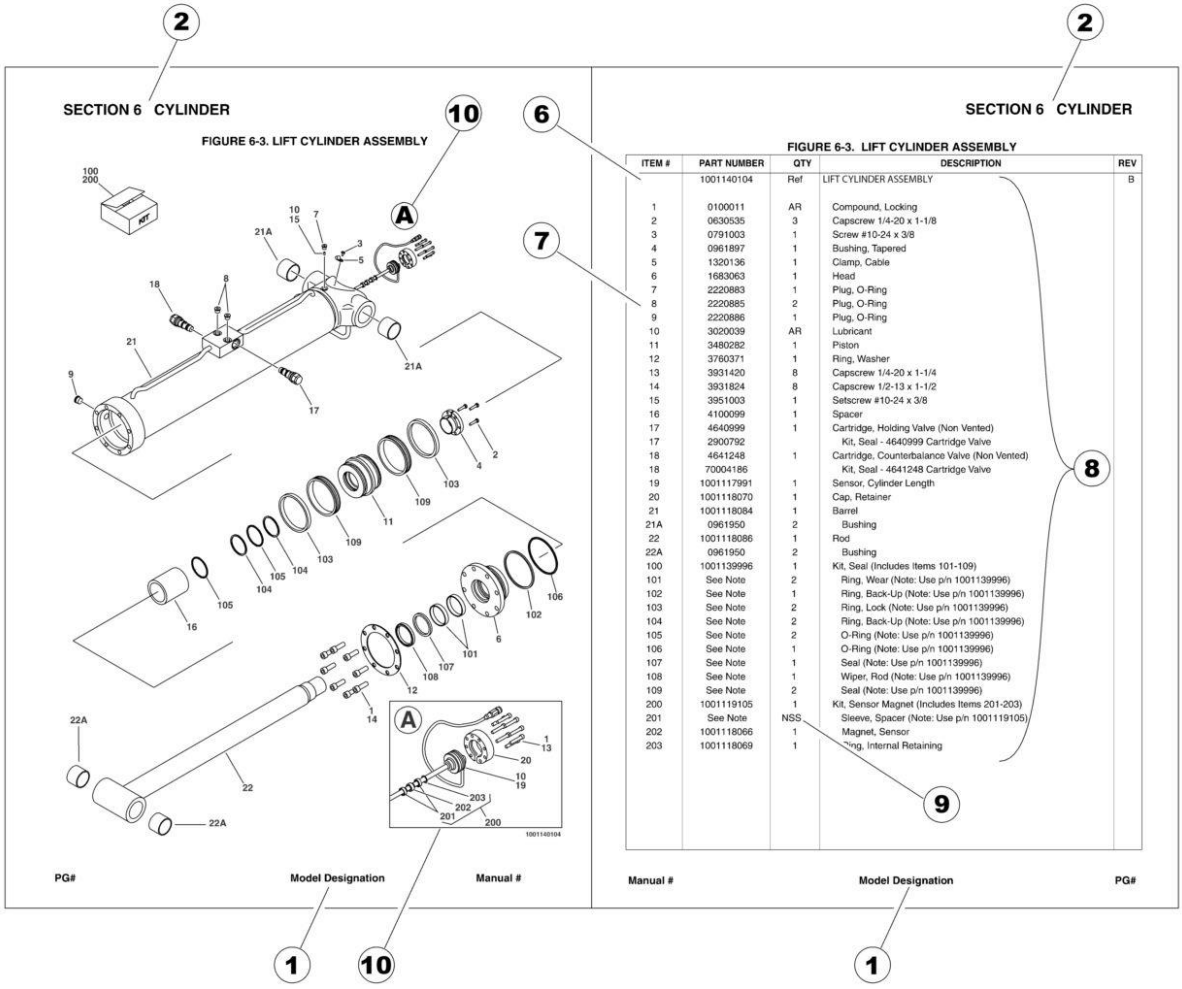
AS/NZS

An Oshkosh Corporation Company

REVISION LOG

July 1, 2023 - A - Original Issue of Manual (Edited to B/M 1001263600 Revision T)

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

FIGURE 1-1. AXLE INSTALLATION - FIXED (2WD)

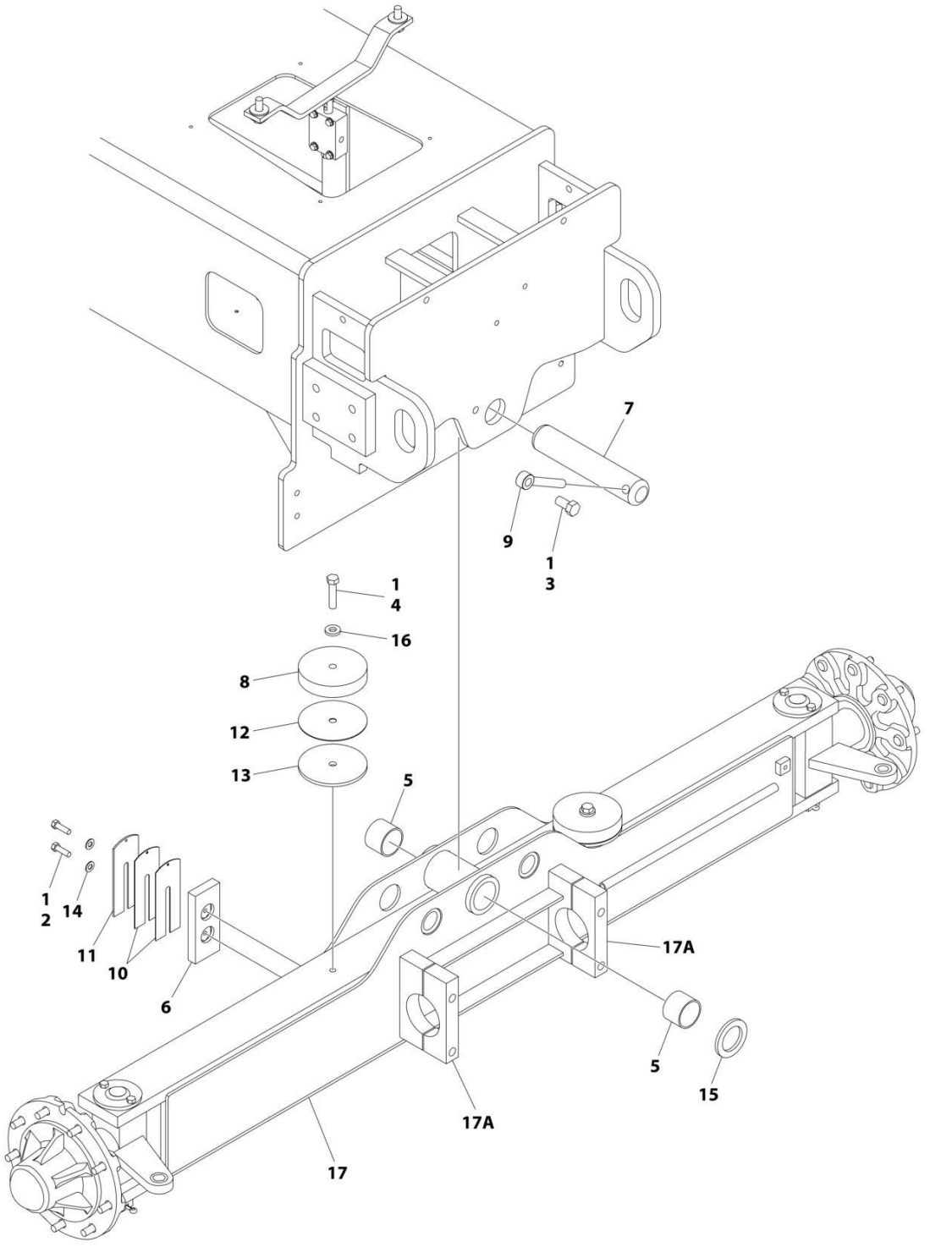


FIGURE 1-1. AXLE INSTALLATION - FIXED (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174522	Ref	AXLE INSTALLATION - FIXED (2WD)	C
1	0100011	AR	Compound, Locking	
2	0641610	4	Bolt 3/8 x 1-1/4	
3	0642010	1	Bolt 5/8 x 1-1/4	
4	0681818	2	Bolt 1/2 x 2-1/4 Grade 8	
4	0641818	2	Bolt 1/2 x 2-1/4	
5	0961950	2	Bushing	
6	3340837	2	Pad, Wear	
7	3422592	1	Pin, Axle Pivot	
8	3539877	2	Plate, Stop	
9	3841258	1	Keeper, Pin	
10	4070897	2	Shim #18Ga	
11	4070898	2	Shim #11Ga	
12	4070944	2	Shim #16Ga	
13	4070945	2	Shim 1/4	
14	4711600	4	Washer 3/8	
15	4740158	1	Thrustwasher	
16	4891800	2	Washer 1/2	
17	1001174461	1	Axle	
17A	1001175158	2	Steer Cylinder Mounting Block Assembly	

FIGURE 1-2. AXLE INSTALLATION - FIXED (4WD)

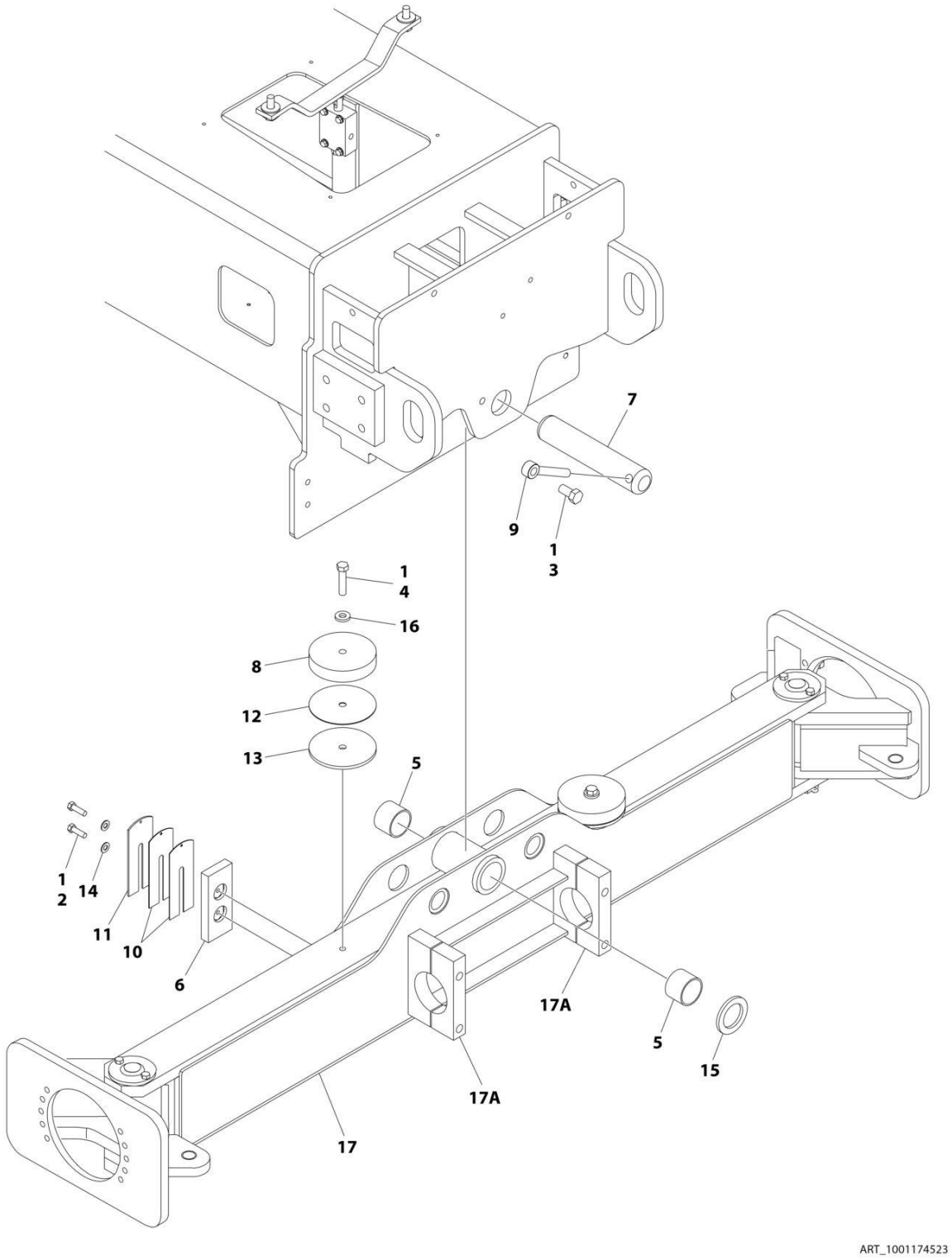


FIGURE 1-2. AXLE INSTALLATION - FIXED (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174523	Ref	AXLE INSTALLATION - FIXED (4WD)	C
1	0100011	AR	Compound, Locking	
2	0641610	4	Bolt 3/8 x 1-1/4	
3	0642010	1	Bolt 5/8 x 1-1/4	
4	0681818	2	Bolt 1/2 x 2-1/4 Grade 8	
4	0641818	2	Bolt 1/2 x 2-1/4	
5	0961950	2	Bushing	
6	3340837	2	Pad, Wear	
7	3422592	1	Pin, Axle Pivot	
8	3539877	2	Plate, Stop	
9	3841258	1	Keeper, Pin	
10	4070897	2	Shim #18Ga	
11	4070898	2	Shim #11Ga	
12	4070944	2	Shim #16Ga	
13	4070945	2	Shim 1/4	
14	4711600	4	Washer 3/8	
15	4740158	1	Thrustwasher	
16	4891800	2	Washer 1/2	
17	1001174792	1	Axle	
17A	1001175158	2	Steer Cylinder Mounting Block Assembly	

FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH 03)

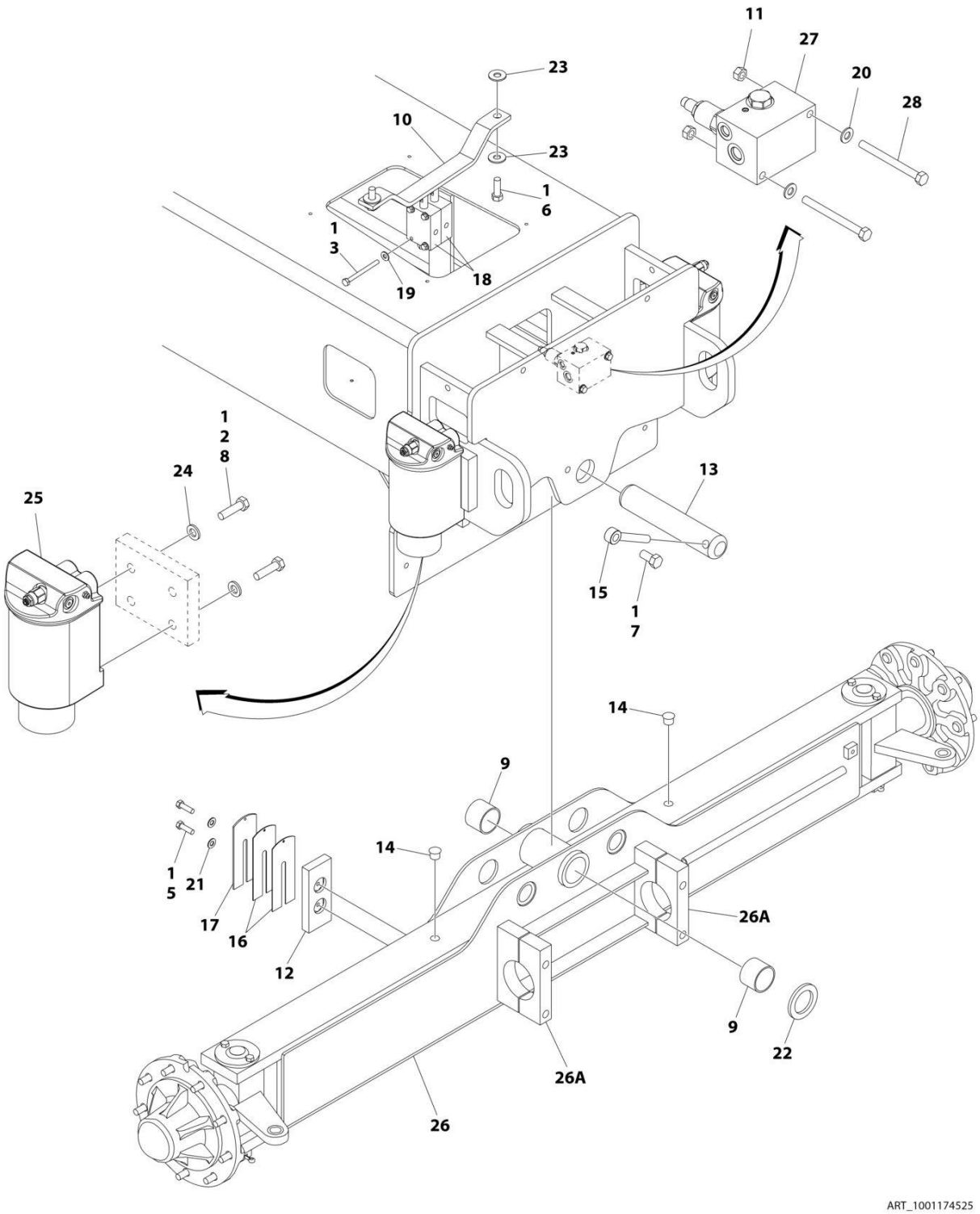


FIGURE 1-3. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174525	Ref	AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (CE & UK CA SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
26	1001174461	1	Axle	
26A	1001175158	2	Steer Cylinder Mounting Block Assembly	
27	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
28	0641528	2	Bolt 5/16 x 3-1/2	

FIGURE 1-4. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH B3)

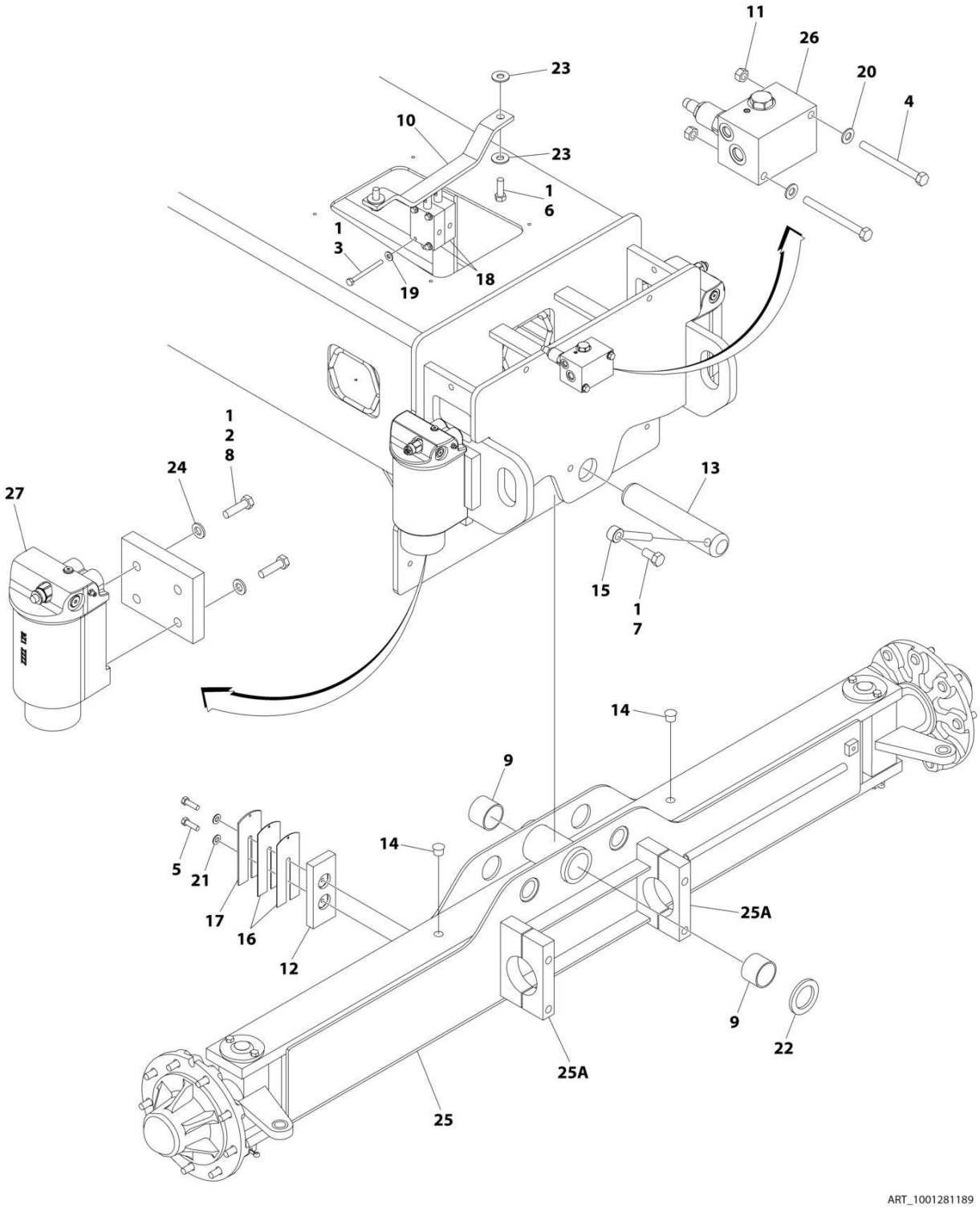


FIGURE 1-4. AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281189	Ref	AXLE INSTALLATION - OSCILLATING WITHOUT TOW PACKAGE (2WD)	B
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
4	0641528	2	Bolt 5/16 x 3-1/2	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001174461	1	Axle	
25A	1001175158	2	Steer Cylinder Mounting Block Assembly	
26	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
27	1001256179	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	

FIGURE 1-5. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD)

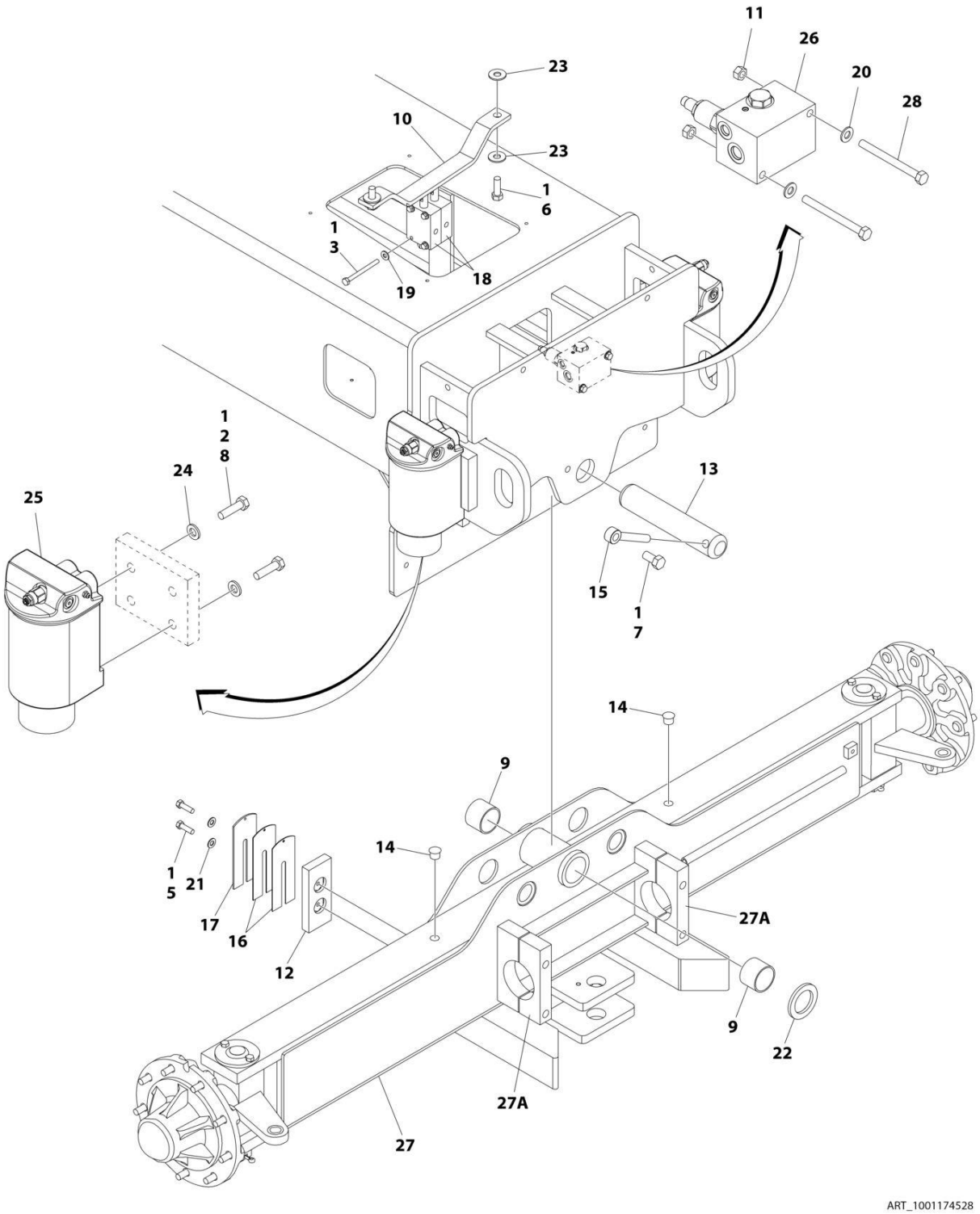


FIGURE 1-5. AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174528	Ref	AXLE INSTALLATION - OSCILLATING WITH TOW PACKAGE (2WD) (CE & UK CA SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
26	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
27	1001182707	1	Axle	
27A	1001175158	2	Steer Cylinder Mounting Block Assembly	
28	0641528	2	Bolt 5/16 x 3-1/2	

FIGURE 1-6. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH 03)

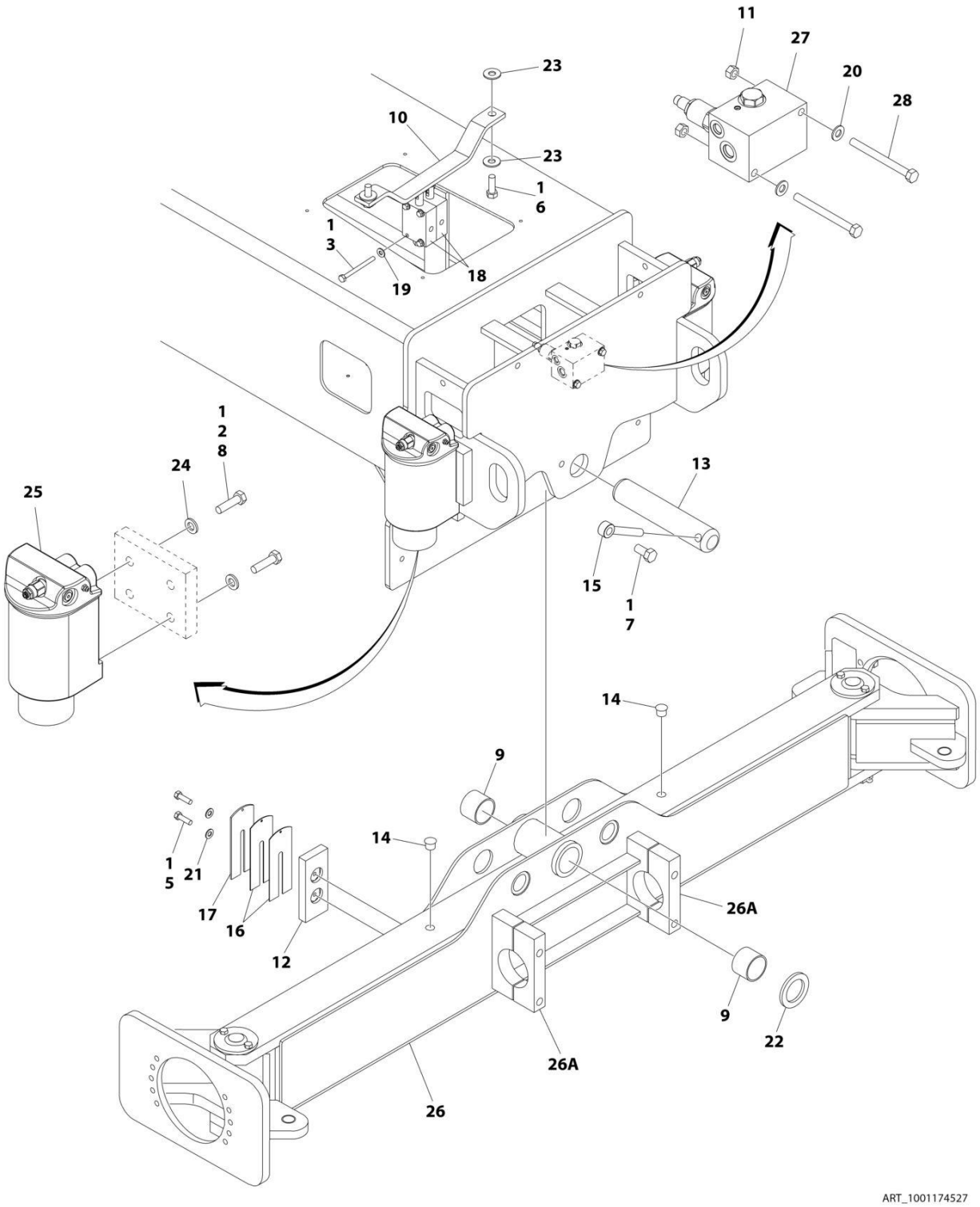


FIGURE 1-6. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174527	Ref	AXLE INSTALLATION - OSCILLATING (4WD) (CE & UK CA SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
26	1001174792	1	Axle	
26A	1001175158	2	Steer Cylinder Mounting Block Assembly	
27	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
28	0641528	2	Bolt 5/16 x 3-1/2	

FIGURE 1-7. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH B3)

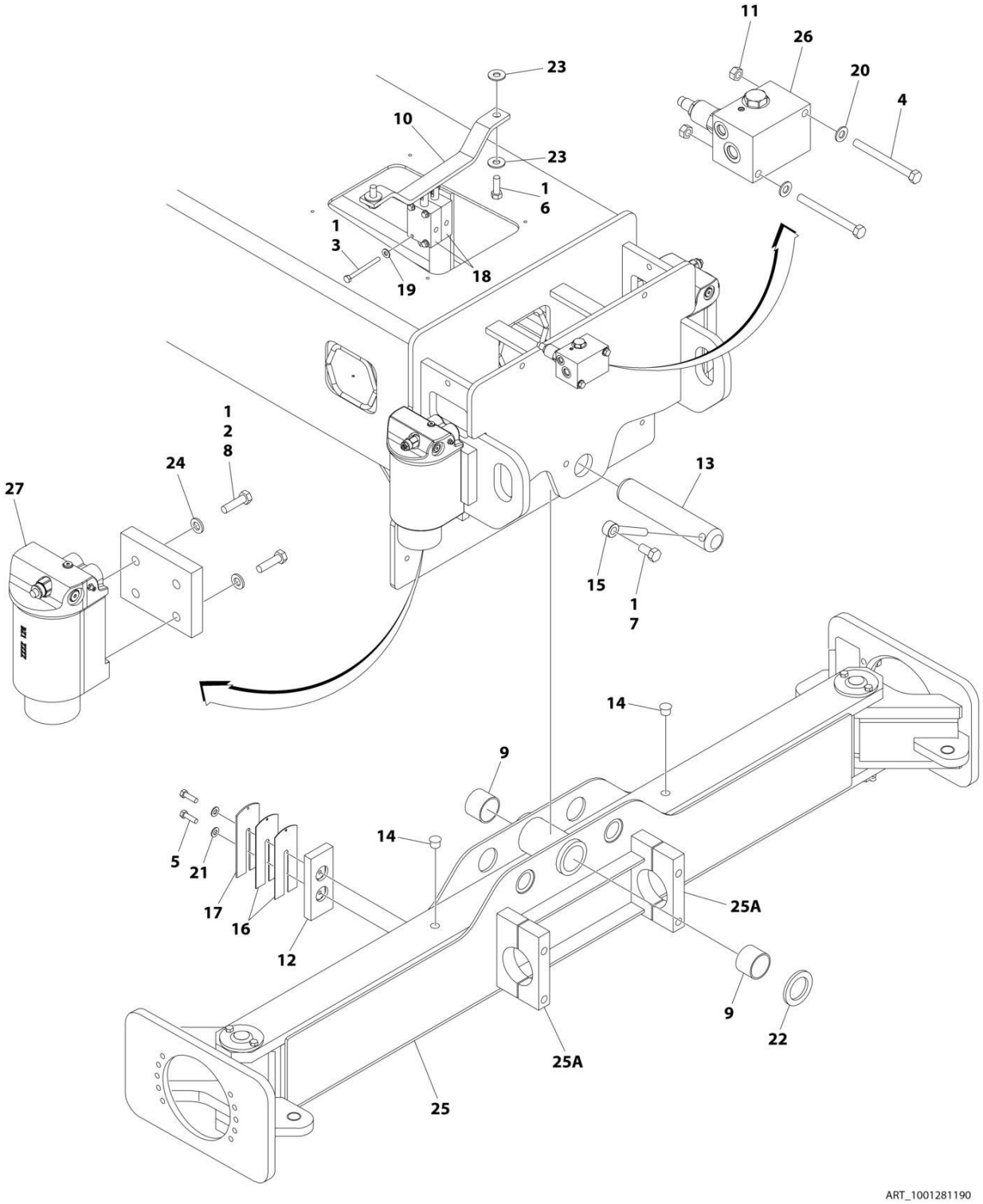


FIGURE 1-7. AXLE INSTALLATION - OSCILLATING (4WD) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281190	Ref	AXLE INSTALLATION - OSCILLATING (4WD)	B
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641424	4	Bolt 1/4 x 3	
4	0641528	2	Bolt 5/16 x 3-1/2	
5	0641610	4	Bolt 3/8 x 1-1/4	
6	0641812	2	Bolt 1/2 x 1-1/2	
7	0642010	1	Bolt 5/8 x 1-1/4	
8	0701217	8	Bolt M12 x 45	
9	0961950	2	Bushing	
10	1100124	1	Cam, Lockout	
11	3311501	2	Nut 5/16	
12	3340837	2	Pad, Wear	
13	3422592	1	Pin, Axle Pivot	
14	3520054	2	Plug, Hole	
15	3841258	1	Keeper, Pin	
16	4070897	4	Shim #18Ga	
17	4070898	2	Shim #11Ga	
18	4640871	2	Lockout Valve Assembly	
19	4711400	4	Washer 1/4	
20	4711500	2	Washer 5/16	
21	4711600	4	Washer 3/8	
22	4740158	1	Thrustwasher	
23	4751800	4	Washer 1/2	
24	5241200	8	Washer M12	
25	1001174792	1	Axle	
25A	1001175158	2	Steer Cylinder Mounting Block Assembly	
26	1001182136	1	Axle Lockout Valve Assembly (See Separate Breakdown in this Section)	
27	1001256179	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	

FIGURE 1-8. AXLE LOCKOUT VALVE ASSEMBLY

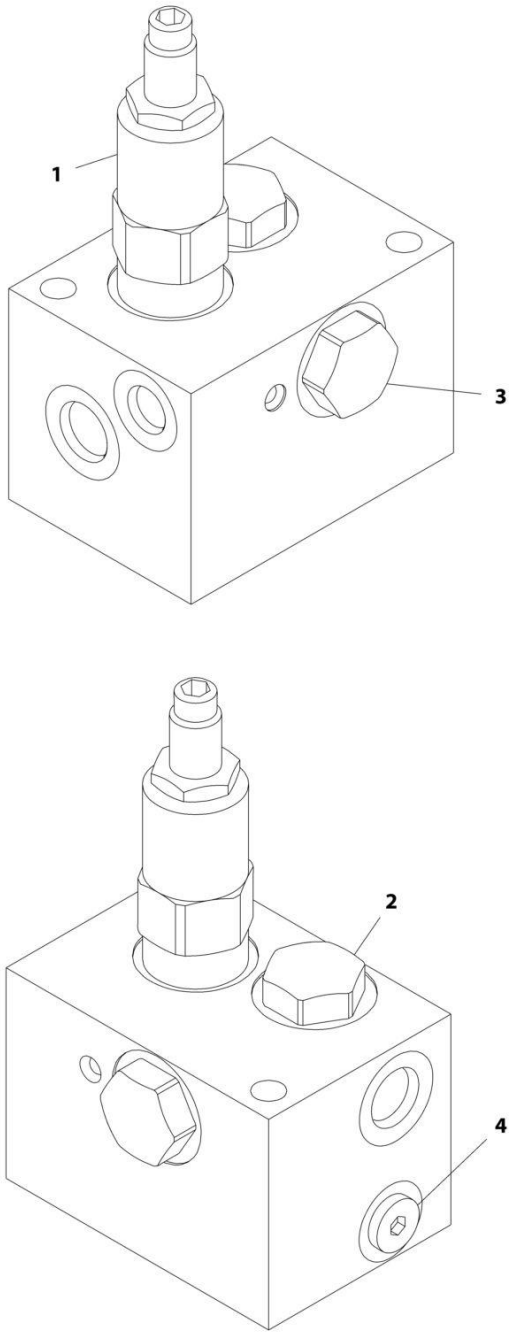


FIGURE 1-8. AXLE LOCKOUT VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182136	Ref	AXLE LOCKOUT VALVE ASSEMBLY	C
1	70004388	1	Cartridge	
1	7021653	1	Seal Kit - 70004388 Cartridge	
2	7012955	1	Cartridge	
2	7012967	1	Seal Kit - 7012955 Cartridge	
3	7023976	1	Cartridge	
3	7012967	1	Seal Kit - 7023976 Cartridge	
4	2220883	1	Plug	

FIGURE 1-9. STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)

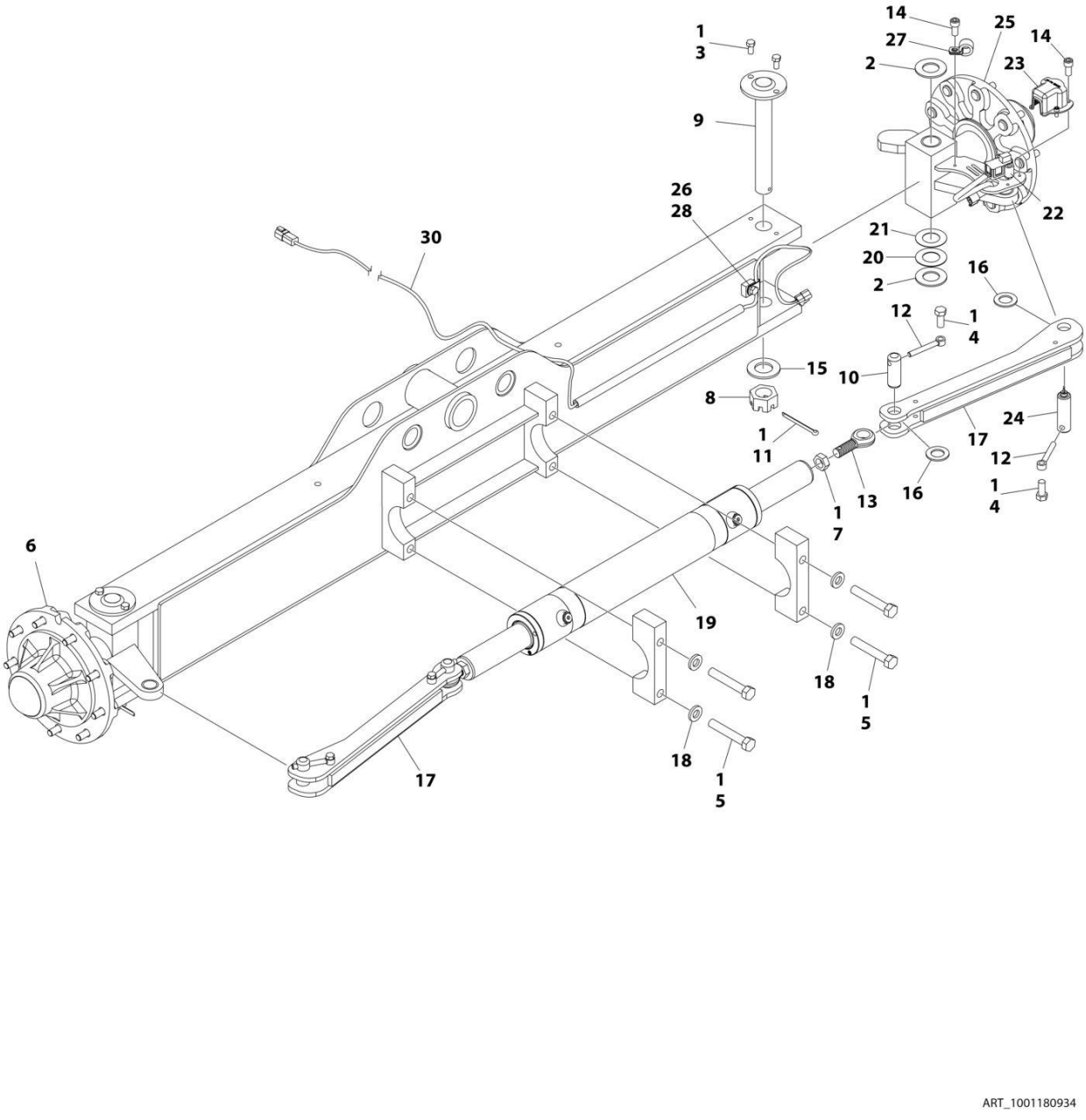


FIGURE 1-9. STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180934	Ref	STEER INSTALLATION - WITHOUT TOW PACKAGE (2WD/2WS)	D
1	0100011	AR	Compound, Locking	
2	0440162	4	Thrustwasher	
3	0641606	4	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0642030	4	Bolt 5/8 x 3-3/4	
6	2780245	1	Hub/Spindle Assembly (RH) (See Separate Breakdown in this Section)	
7	3322202	2	Nut 3/4	
8	3323003	2	Nut 1-1/4	
9	3422692	2	Kingpin	
10	3422817	3	Pin	
11	3450812	2	Pin, Cotter 1/4 x 3	
12	3841143	4	Keeper, Pin	
13	3841443	2	Rod-End	
14	3931408	4	Capscrew 1/4 x 1/2	
15	4713000	2	Washer 1-1/4	
16	4740111	4	Thrustwasher	
17	4846076	2	Tie-Rod	
18	4892000	4	Washer 5/8	
19	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
20	1001151395	AR	Shim .048	
21	1001151428	AR	Shim .036	
22	1001161117	1	Switch, Rotary Angle Sensor	
23	1001169423	1	Cover	
24	1001180908	1	Pin	
25	1001180912	1	Hub/Spindle Assembly (LH) (See Separate Breakdown in this Section)	
26	0641604	1	Bolt 3/8 x 1/2	
27	1320043	1	Clamp	
28	1320263	1	Clamp	
29	4240032	2	Tie-Strap (Not Shown)	
30	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 1-10. STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)

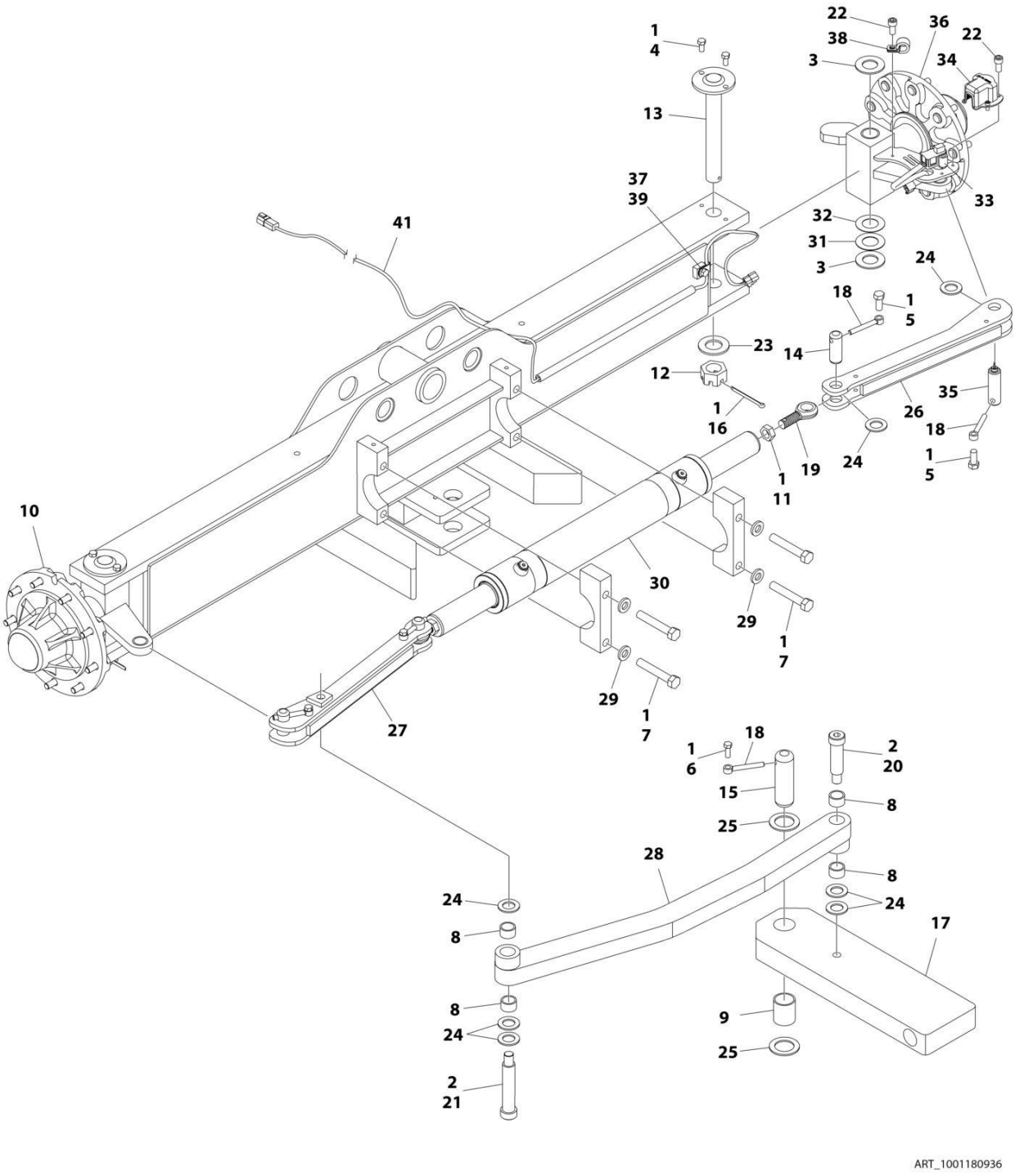


FIGURE 1-10. STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180936	Ref	STEER INSTALLATION - WITH TOW PACKAGE (2WD/2WS)	D
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0440162	4	Thrustwasher	
4	0641606	4	Bolt 3/8 x 3/4	
5	0641607	4	Bolt 3/8 x 7/8	
6	0641608	1	Bolt 3/8 x 1	
7	0642030	4	Bolt 5/8 x 3-3/4	
8	0962292	4	Bearing	
9	0962348	1	Bearing	
10	2780245	1	Hub/Spindle Assembly (RH) (See Separate Breakdown in this Section)	
11	3322202	2	Nut 3/4	
12	3323003	2	Nut 1-1/4	
13	3422692	2	Kingpin	
14	3422817	3	Pin	
15	3422848	1	Pin, Hitch	
16	3450812	2	Pin, Cotter 1/4 x 3	
17	3572490	1	Plate, Tow Bar Pivot	
18	3841143	5	Keeper, Pin	
19	3841443	2	Rod-End	
20	3900295	1	Bolt 1 x 3	
21	3900296	1	Bolt 1 x 4-1/2	
22	3931408	4	Capscrew 1/4 x 1/2	
23	4713000	2	Washer 1-1/4	
24	4740111	9	Thrustwasher	
25	4740155	2	Thrustwasher	
26	4846076	1	Tie-Rod (Left Side)	
27	4846292	1	Tie-Rod (Right Side)	
28	4846294	1	Link, Tow Bar	
29	4892000	4	Washer 5/8	
30	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
31	1001151395	AR	Shim .048	
32	1001151428	AR	Shim .036	
33	1001161117	1	Switch, Rotary Angle Sensor	
34	1001169423	1	Cover	
35	1001180908	1	Pin	
36	1001180912	1	Hub/Spindle Assembly (LH) (See Separate Breakdown in this Section)	
37	0641604	1	Bolt 3/8 x 1/2	
38	1320043	1	Clamp	
39	1320263	1	Clamp	
40	4240032	2	Tie-Strap (Not Shown)	
41	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 1-11. STEER INSTALLATION - (4WD/2WS) (EC600SJ/H600SJ)

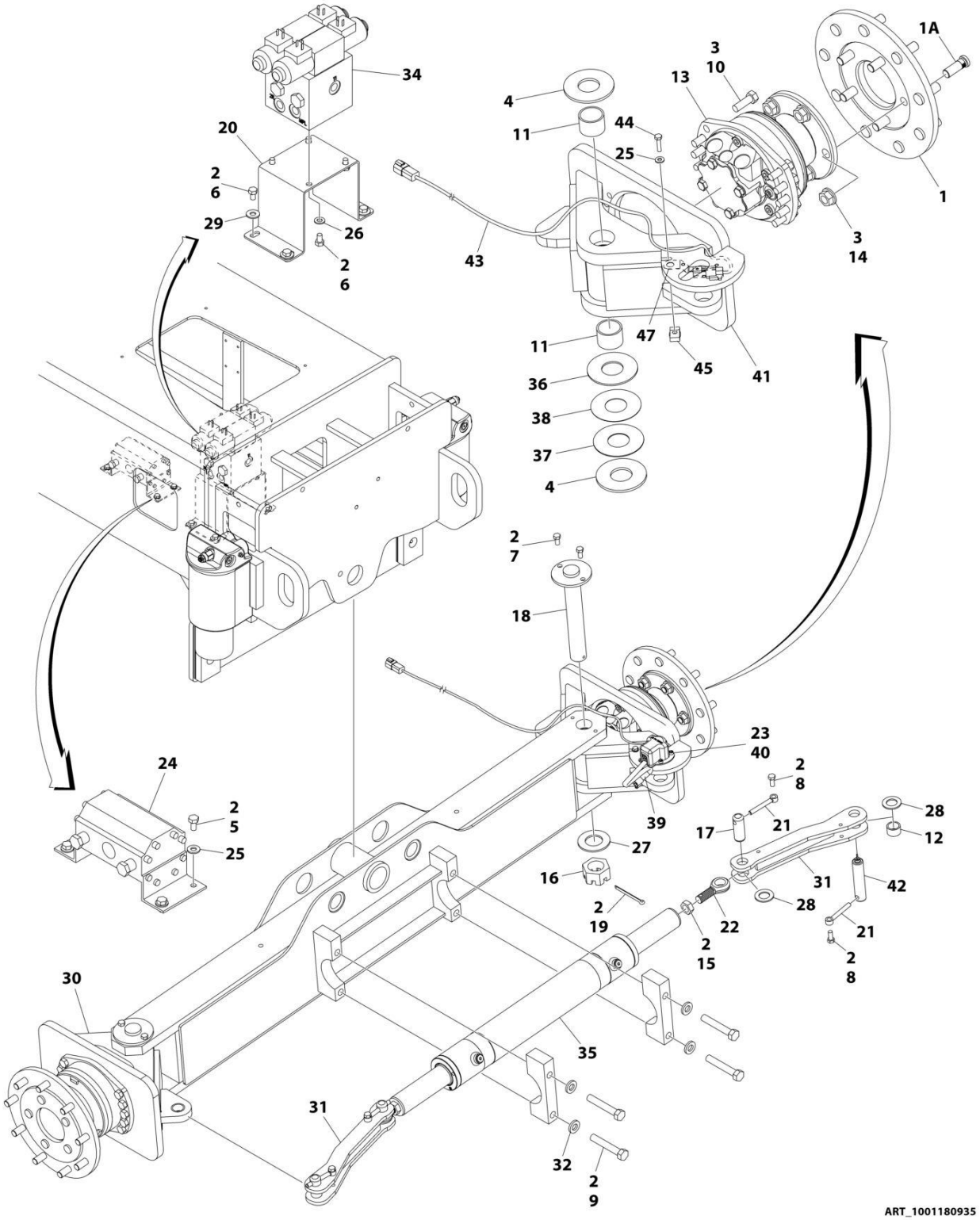


FIGURE 1-11. STEER INSTALLATION - (4WD/2WS) (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180935	Ref	STEER INSTALLATION - (4WD/2WS)	E
1	0080233	2	Drive Adapter Assembly	
1A	4300145	28	Stud, Wheel (14 Per Assembly)	
2	0100011	AR	Compound, Locking	
3	0100019	AR	Compound, Locking	
4	0440161	4	Thrustwasher	
5	0641404	4	Bolt 1/4 x 1/2	
6	0641504	8	Bolt 5/16 x 1/2	
7	0641606	4	Bolt 3/8 x 3/4	
8	0641607	4	Bolt 3/8 x 7/8	
9	0642030	4	Bolt 5/8 x 3-3/4	
10	0681812	20	Bolt 1/2 x 3-1/4 Grade 8	
11	0961948	4	Bushing	
12	0962292	2	Bearing	
13	1001228232	2	Drive Motor Assembly (Front) (See Separate Breakdown in this Section)	
14	3300426	10	Nut 5/8	
15	3322202	2	Nut 3/4	
16	3323403	2	Nut 1-1/2	
17	3422817	3	Pin	
18	3422819	2	Kingpin	
19	3450812	2	Pin, Cotter 1/4 x 3	
20	3572328	1	Plate, Mounting	
21	3841143	4	Keeper, Pin	
22	3841443	2	Rod-End	
23	3931408	3	Capscrew 1/4 x 1/2	
24	4641148	1	Flow Divider Assembly	
24	See Note	NSS	Seal Kit - 4641148 Valve (Note: Not Available for Purchase)	
25	4711400	5	Washer 1/4	
26	4711500	4	Washer 5/16	
27	4713400	2	Washer 1-1/2	
28	4740111	4	Thrustwasher	
29	4751500	4	Washer 5/16	
30	4846135	1	Spindle	
31	4846141	2	Tie-Rod	
32	4892000	4	Washer 5/8	
34	1001092586	1	Valve Assembly - Drive (See separate Breakdown in this Section)	
35	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
36	1001156428	AR	Shim .120	
37	1001156429	AR	Shim .060	
38	1001156430	AR	Shim .030	
39	1001161117	1	Switch, Rotary Angle Sensor	
40	1001169423	1	Cover	
41	1001180902	1	Spindle	
42	1001180904	1	Pin, Steer Sensor	
43	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	
44	0641409	1	Bolt 1/4 x 1-1/8	
45	3300454	1	Nut 1/4	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	4240033	AR	Tie-Strap (Not Shown)	
47	1001141581	1	Mount	

FIGURE 1-12. STEER INSTALLATION - (4WD/2WS) (EC600SJP/H600SJP)

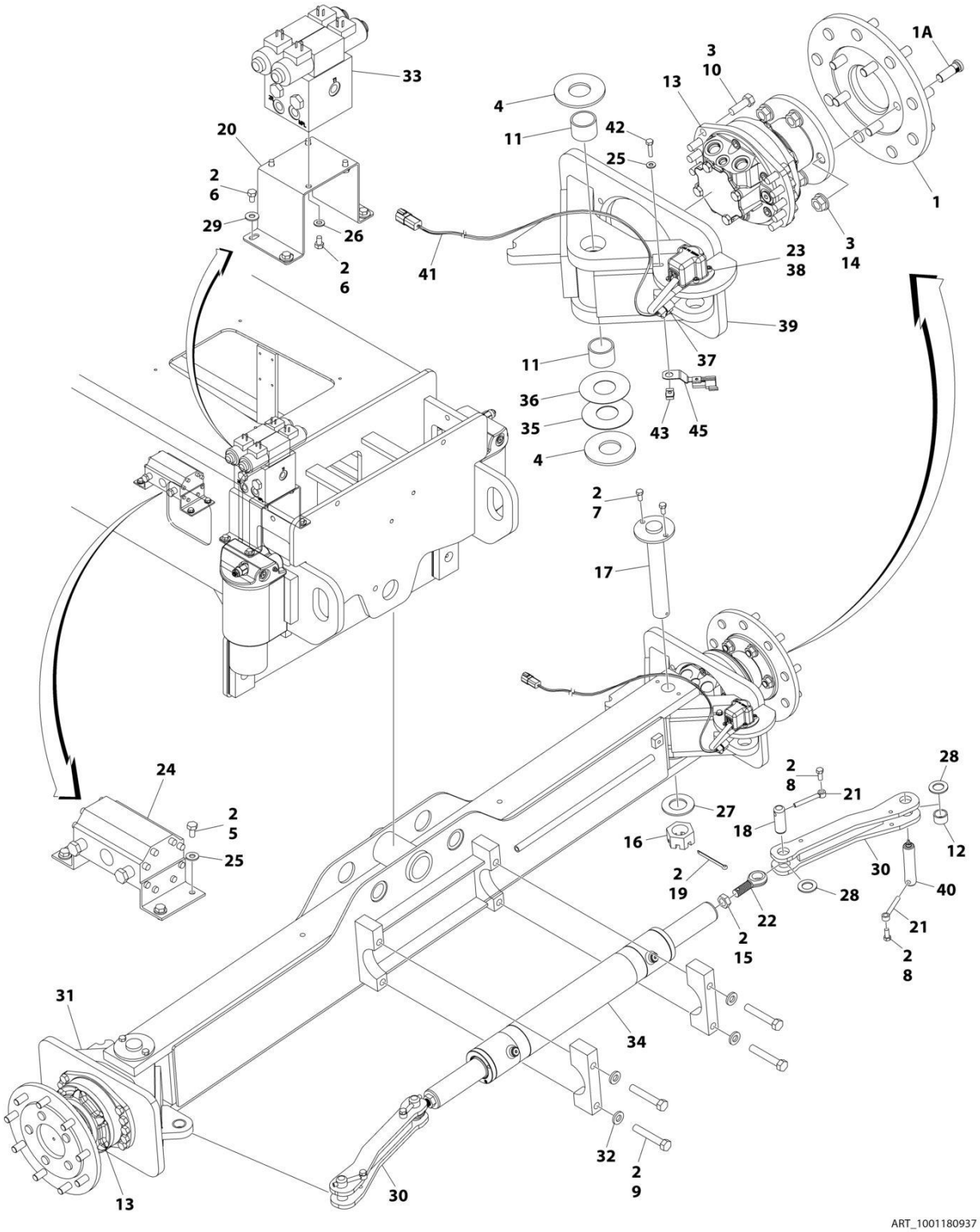


FIGURE 1-12. STEER INSTALLATION - (4WD/2WS) (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180937	Ref	STEER INSTALLATION - (4WD/2WS) (E600JP/M600JP)	G
1	0080233	2	Drive Adapter Assembly	
1A	4300145	28	Stud, Wheel (14 Per Assembly)	
2	0100011	AR	Compound, Locking	
3	0100019	AR	Compound, Locking	
4	0440161	4	Thrustwasher	
5	0641404	4	Bolt 1/4 x 1/2	
6	0641504	8	Bolt 5/16 x 1/2	
7	0641606	4	Bolt 3/8 x 3/4	
8	0641607	4	Bolt 3/8 x 7/8	
9	0642030	4	Bolt 5/8 x 3-3/4	
10	0681812	20	Bolt 1/2 x 3-1/4 Grade 8	
11	0961948	4	Bushing	
12	0962292	2	Bearing	
13	1001228232	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
14	3300426	10	Nut 5/8	
15	3322202	2	Nut 3/4	
16	3323403	2	Nut 1-1/4	
17	3422819	2	Kingpin	
18	3422817	3	Pin	
19	3450812	2	Pin, Cotter 1/4 x 3	
20	3572328	1	Plate, Mounting	
21	3841143	4	Keeper, Pin	
22	3841443	2	Rod-End	
23	3931408	3	Capscrew 1/4 x 1/2	
24	4641148	1	Flow Divider Assembly	
24	See Note	NSS	Seal Kit - 4641148 Valve (Note: Not Available for Purchase)	
25	4711400	5	Washer 1/4	
26	4711500	4	Washer 5/16	
27	4713000	2	Washer 1-1/4	
27	4713400	2	Washer 1-1/2	
28	4740111	4	Thrustwasher	
29	4751500	4	Washer 5/16	
30	4846141	2	Tie-Rod	
31	4846350	1	Spindle (Right Side)	
32	4892000	4	Washer 5/8	
33	1001092586	1	Valve Assembly - Drive (See Separate Breakdown in this Section)	
34	1001140281	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
35	1001156429	AR	Shim .060	
36	1001156430	AR	Shim .030	
37	1001161117	1	Switch, Rotary Angle Sensor	
38	1001169423	1	Cover	
39	1001183584	1	Spindle (Left Side)	
40	1001180904	1	Pin, Steer Sensor	
41	1001195835	1	Steer Harness (See Separate Breakdown in ELECTRICAL Section)	
42	0641409	1	Bolt 1/4 x 1-1/8	
43	3300454	1	Nut 1/4	
44	4240033	AR	Tie-Strap (Not Shown)	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	1001141581	1	Mount	

FIGURE 1-13. WHEEL DRIVE INSTALLATION (NON-UL SPECS)

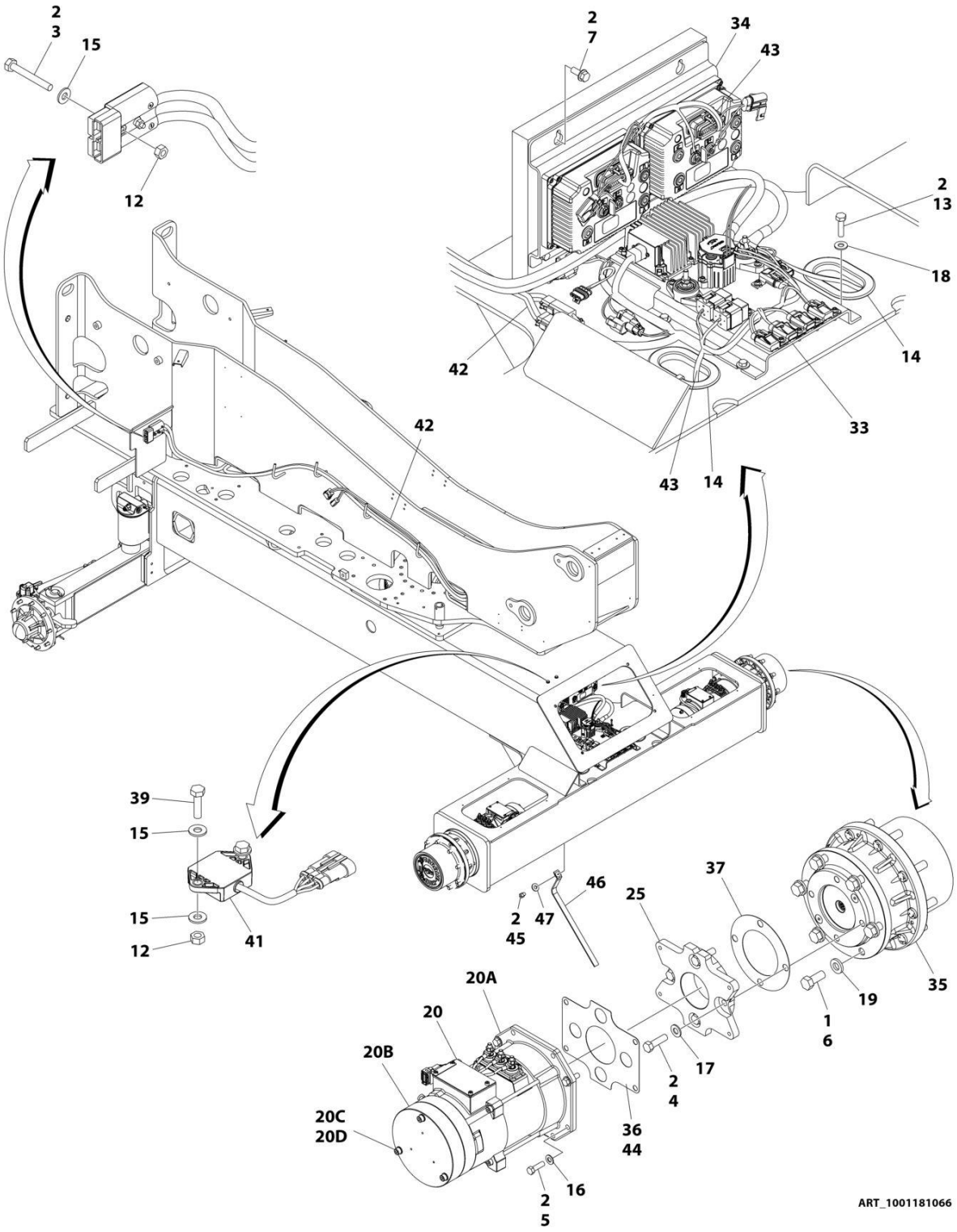


FIGURE 1-13. WHEEL DRIVE INSTALLATION (NON-UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181066	Ref	WHEEL DRIVE INSTALLATION	K
1	0100019	AR	Compound, Locking	
2	0100011	AR	Compound, Locking	
3	0641416	4	Bolt 1/4 x 2	
4	0641814	8	Bolt 1/2 x 1-3/4	
5	0641610	8	Bolt 3/8 x 1-1/4	
6	0682012	12	Bolt 5/8 x 1-1/2 Grade 8	
7	0791506	4	Screw 5/16 x 3/4	
12	3311401	6	Nut 1/4	
13	0641506	4	Bolt 5/16 x 3/4	
14	4060808	20.5 in /52cm	Flex-Trim	
15	4711400	8	Washer 1/4	
16	4751600	8	Washer 3/8	
17	4711800	8	Washer 1/2	
18	4751500	4	Washer 5/16	
19	4892000	12	Washer 5/8	
20	1001184855	2	Drive Motor/Brake Assembly	
20A	1001184206	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
20B	1001184853	2	Drive Brake Assembly	
20C	4031920	3	Capscrew M8 x 80	
20D	4811900	3	Washer M8	
25	1001219722	2	Plate, Motor Adapter	
33	1001180654	1	AC Drive Electrical Plate Assembly (See Separate Breakdown in this Section)	
34	1001180780	1	Drive Module Plate Assembly (See Separate Breakdown in this Section)	
35	1001182494	2	Drive Hub Assembly (See Separate Breakdown in this Section)	
36	1001220271	2	Seal, Motor	
37	1001182960	2	Seal, Hub	
39	0641408	2	Bolt 1/4 x 1	
41	1001219601	1	Sensor, Tilt Dual Axis	
42	1001195836	1	Traction to Turntable Harness (See Separate Breakdown in ELECTRICAL Section)	
43	1001195867	1	Traction Harness (See Separate Breakdown in ELECTRICAL Section)	
44	0100020	AR	Sealant, Pipe	
45	0641604	1	Bolt 3/8 x 1/2	
46	4240084	1	Strap, Anti-Static	
47	4751600	1	Washer 3/8	
100	1001196485	1	Drive Cable Kit (Not Shown - See Separate Breakdown in ELECTRICAL Section)	

FIGURE 1-14. WHEEL DRIVE INSTALLATION (UL SPECS)

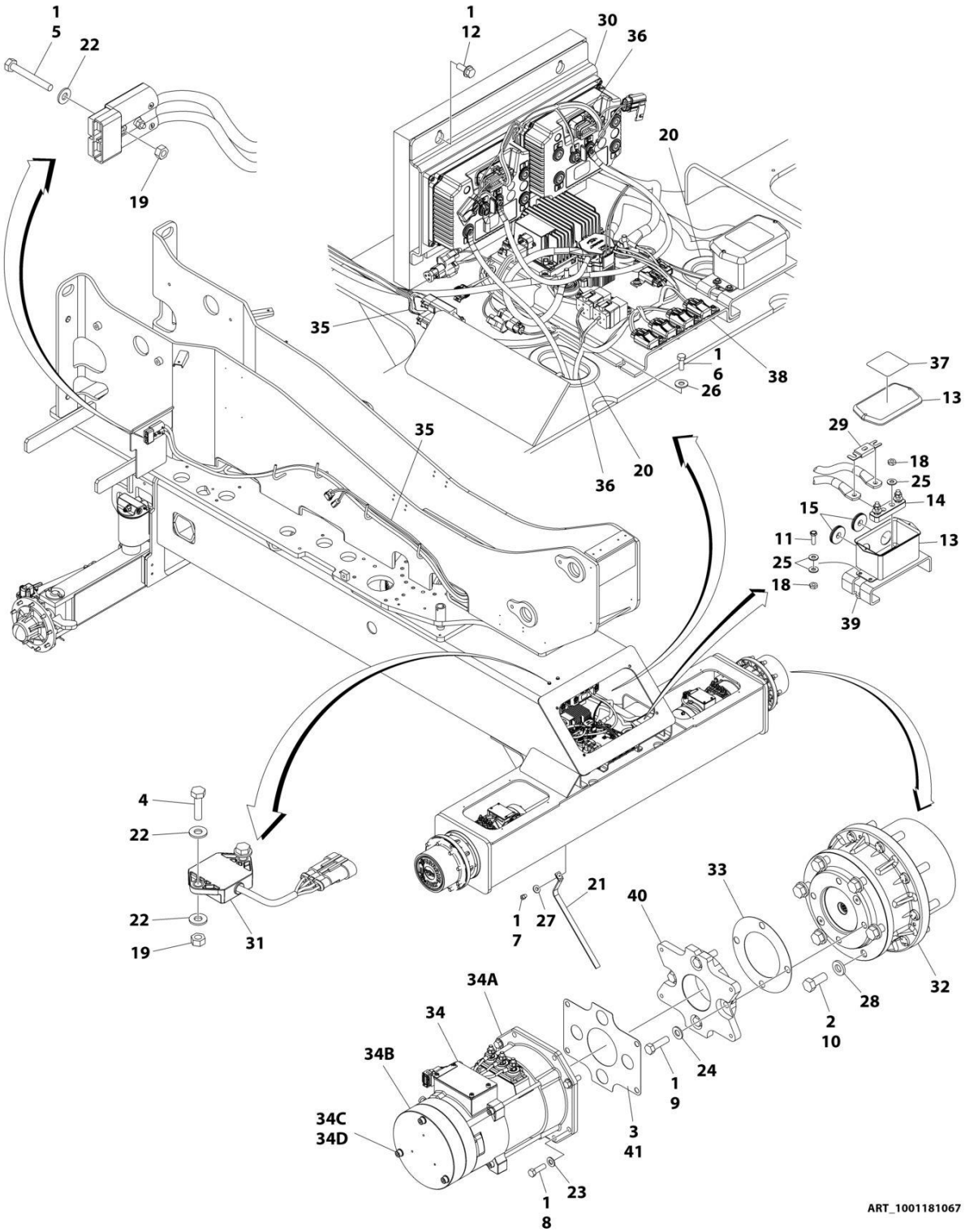


FIGURE 1-14. WHEEL DRIVE INSTALLATION (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181067	Ref	WHEEL DRIVE INSTALLATION	E
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100020	AR	Sealant, Pipe	
4	0641408	2	Bolt 1/4 x 1	
5	0641416	4	Bolt 1/4 x 2	
6	0641507	4	Bolt 5/16 x 7/8	
7	0641604	1	Bolt 3/8 x 1/2	
8	0641610	8	Bolt 3/8 x 1-1/4	
9	0641814	8	Bolt 1/2 x 1-3/4	
10	0682012	12	Bolt 5/8 x 1-1/2 Grade 8	
11	0721005	4	Screw #10 x 5/8	
12	0791506	4	Screw 5/16 x 3/4	
13	0861375	1	Box	
14	2400044	1	Fuse, Mounting Block	
15	2540037	2	Grommet	
18	3311001	6	Nut #10	
19	3311401	6	Nut 1/4	
20	4060808	20.5 in/ 52cm	Flex-Trim	
21	4240084	1	Strap, Anti-Static	
22	4711400	8	Washer 1/4	
23	4751600	8	Washer 3/8	
24	4711800	8	Washer 1/2	
25	4751000	10	Washer #10	
26	4751500	4	Washer 5/16	
27	4751600	1	Washer 3/8	
28	4892000	12	Washer 5/8	
29	1001170365	1	Fuse, 400 Amp	
30	1001180780	1	Drive Module Plate Assembly (See Separate Breakdown in this Section)	
31	1001219601	1	Sensor, Tilt Dual Axis	
32	1001182494	2	Drive Hub Assembly (See Separate Breakdown in this Section)	
33	1001182960	2	Seal, Hub	
34	1001184855	2	Drive Motor/Brake Assembly	
34A	1001184206	2	Drive Motor Assembly (See Separate Breakdown in this Section)	
34B	1001184853	2	Drive Brake Assembly	
34C	4031920	3	Capscrew M8 x 80	
34D	4811900	3	Washer M8	
35	1001195836	1	Traction to Turntable Harness (See Separate Breakdown in ELECTRICAL Section)	
36	1001195867	1	Traction Harness (See Separate Breakdown in ELECTRICAL Section)	
37	1001213626	1	Decal - Fuse, 400 Amp	
38	1001214669	1	AC Drive Electrical Plate Assembly (See Separate Breakdown in this Section)	
39	1001214804	1	Bracket	
40	1001219722	2	Plate, Motor Adapter	
41	1001220271	2	Seal, Motor	
100	1001214800	1	Drive Cable Kit (Not Shown - See Separate Breakdown in ELECTRICAL Section)	

FIGURE 1-15. NON-DRIVE HUB ASSEMBLY - LH (2WD FRONT)

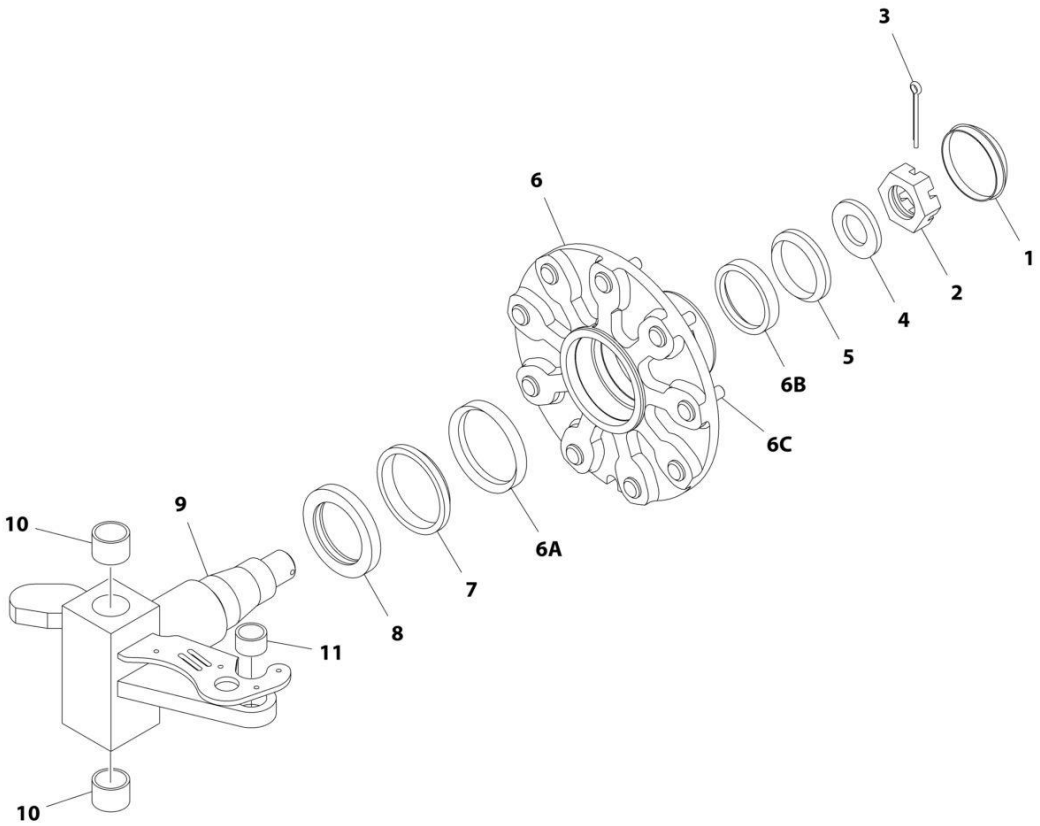


FIGURE 1-15. NON-DRIVE HUB ASSEMBLY - LH (2WD FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180912	Ref	HUB ASSEMBLY - LH	B
1	7020137	1	Cap, Dust	
2	7020054	1	Nut, Castle	
3	3450406	1	Pin, Cotter	
4	7020055	1	Washer, Spindle	
5	7020039	1	Cone, Bearing - Outer	
6	70002434	1	Hub	
6A	7020036	2	Cup, Bearing - Inner	
6B	7020038	2	Cup, Bearing - Outer	
6C	7020041	9	Stud, Wheel	
7	7020037	1	Cone, Bearing - Inner	
8	7020040	1	Seal	
9	70005649	1	Spindle Assembly	
10	0961951	2	Bushing	
11	0962292	1	Bearing	

FIGURE 1-16. NON-DRIVE HUB ASSEMBLY - RH (2WD FRONT)

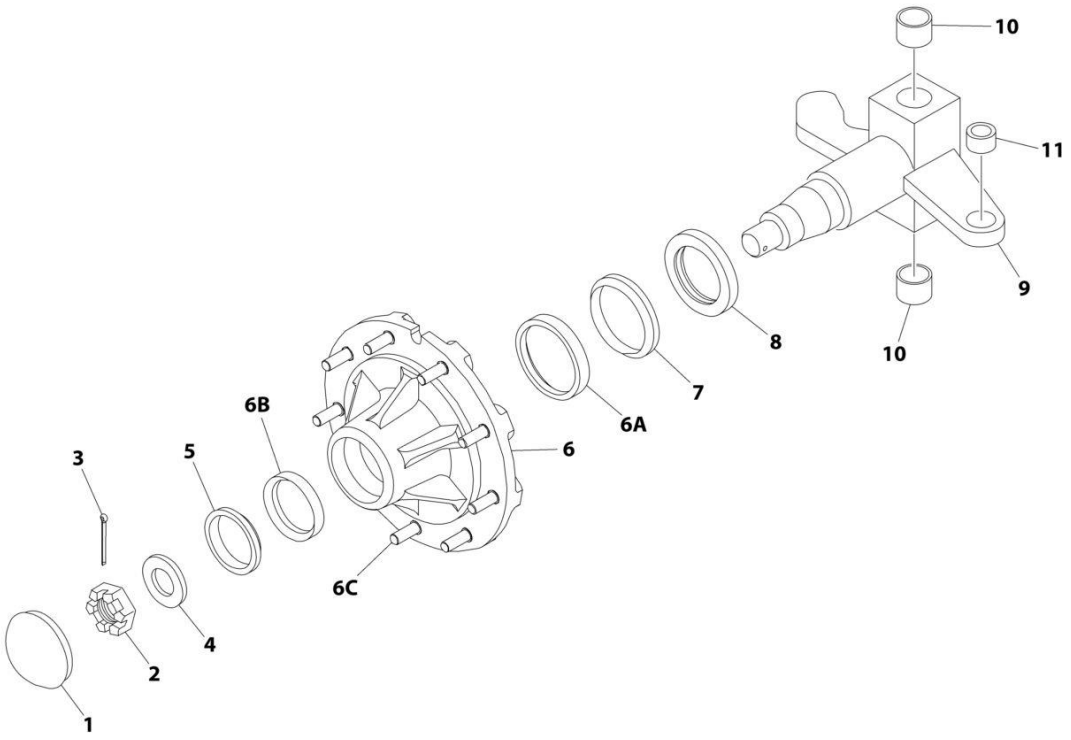


FIGURE 1-16. NON-DRIVE HUB ASSEMBLY - RH (2WD FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780245	Ref	HUB ASSEMBLY - RH	C
1	7020137	1	Cap, Dust	
2	7020054	1	Nut, Castle	
3	7020140	1	Pin, Cotter	
4	7020055	1	Washer, Spindle	
5	7020039	1	Cone, Bearing - Outer	
6	7020035	1	Hub	
6A	7020036	1	Cup, Bearing - Inner	
6B	7020038	1	Cup, Bearing - Outer	
6C	7020041	9	Stud, Wheel	
7	7020037	1	Cone, Bearing - Inner	
8	7020040	1	Seal	
9	7020251	1	Spindle Assembly	
10	0961951	2	Bushing	
11	0962292	1	Bearing	

FIGURE 1-17. DRIVE HUB ASSEMBLY (REAR)

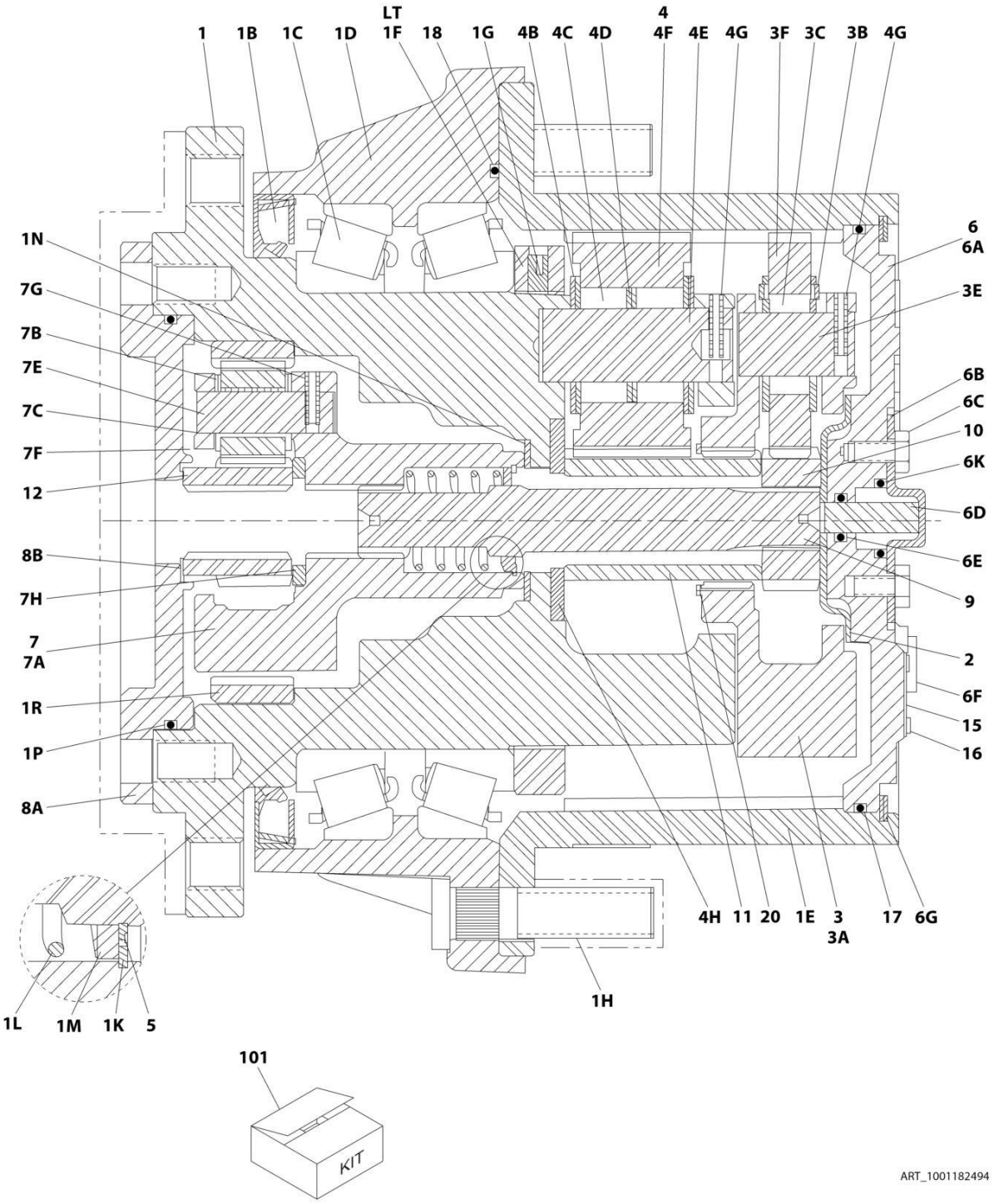


FIGURE 1-17. DRIVE HUB ASSEMBLY (REAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182494	Ref	DRIVE HUB ASSEMBLY (REAR)	E
1	70005610	1	Spindle, Sub Assembly	
1B	70001119	1	Seal, Lip	
1C	7024735	2	Bearing, Tapered	
1D	See Note	NSS	Housing (Note: Not Available for Purchase)	
1E	7024730	1	Gear, Ring	
1F	70003000	1	Nut, Bearing	
1G	70002996	2	Screw	
1H	7007640	9	Stud	
1K	70005613	1	Ring, Retaining (Internal)	
1L	7024124	1	Spring	
1M	7024129	1	Thrustwasher	
1N	7001922	1	Thrustwasher	
1P	70005614	1	O-Ring	
1R	See Note	NSS	Gear, Ring Blank (Note: Not Available for Purchase)	
2	7024741	1	Spacer, Thrust	
3	70005604	1	Carrier, Sub Assembly	
3A	See Note	NSS	Carrier (Note: Not Available for Purchase)	
3B	7024127	6	Thrustwasher	
3C	7024733	42	Bearing, Needle	
3E	7024724	3	Shaft, Planet	
3F	See Note	NSS	Gear, Planet (Note: Not Available for Purchase)	
4	70002983	1	Planet Gear Sub Assembly	
4B	7024740	12	Thrustwasher	
4C	7024734	84	Bearing, Needle	
4D	7024736	3	Spacer, Thrust	
4E	7024726	3	Shaft, Planet	
4F	70002983	1	Gear, Planet	
4G	7001913	3	Pin, Roll	
4H	7024742	1	Thrustwasher	
4F	See Note	NSS	Gear, Planet (Note: Not Available for Purchase)	
5	7017027	1	Ring, Retaining (External)	
6	70001368	1	Cover Gear Sub Assembly	
6A	See Note	NSS	Flange, Plate/Cover (Note: Use Item 6)	
6B	7017093	1	Cap, Disengage	
6C	7000216	2	Bolt 1/4 x 1/2	
6D	7024739	1	Pin, Dowel	
6E	7017095	1	O-Ring	
6F	7017072	2	Plug	
6G	7024738	1	Ring, Retaining (Internal)	
6K	See Note	NSS	O-Ring (Note: Not Available for Purchase)	
7	70005605	1	Carrier, Sub Assembly	
7A	See Note	NSS	Carrier (Note: Not Available for Purchase)	
7B	See Note	NSS	Thrustwasher	
7C	See Note	NSS	Bushing (Note: Not Available for Purchase)	
7E	See Note	NSS	Shaft, Planet (Note: Not Available for Purchase)	
7F	See Note	NSS	Gear, Planet (Note: Not Available for Purchase)	
7G	7010474	3	Pin, Roll	
7H	7017020	1	Thrustwasher	
8A	70005611	1	Adapter, Mounting	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
8B	7007642	1	Thrustwasher	
9	70005606	1	Shaft, Input	
10	70005607	1	Gear, Sun	
11	70005609	1	Gear, Sun	
12	70005608	1	Gear, Sun	
15	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
16	See Note	NSS	Rivet (Note: Not Available for Purchase)	
17	7024134	1	O-Ring	
18	70002997	1	O-Ring	
19	7017022	5	Bolt (Not Shown)	
20	70005612	1	Ring, Retaining (External)	
101	7024744	1	Seal Kit (Includes Items 1B, 1F, 1G, 17, 18 & 19)	

FIGURE 1-18. DRIVE MOTOR ASSEMBLY (4WD FRONT)

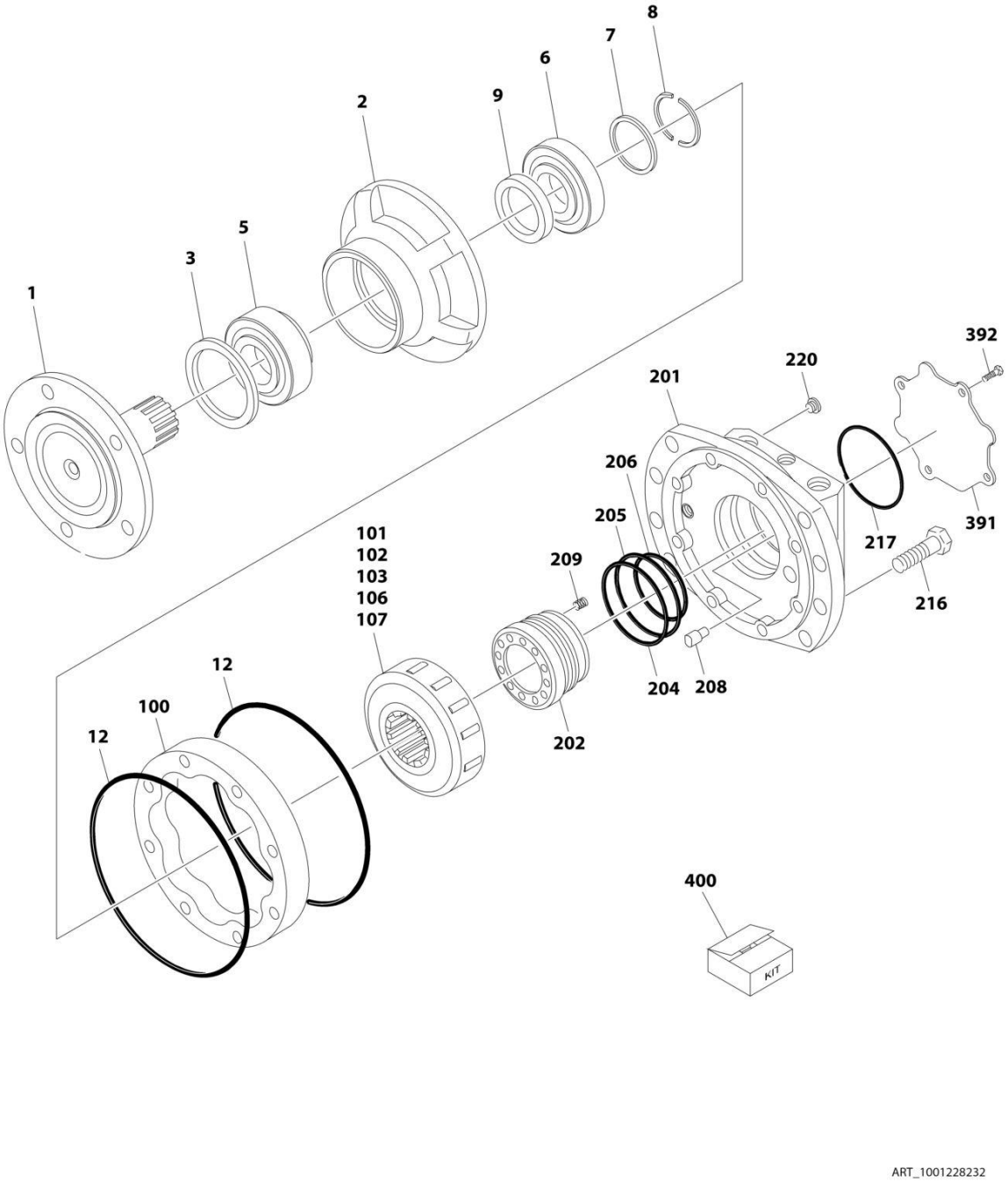


FIGURE 1-18. DRIVE MOTOR ASSEMBLY (4WD FRONT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228232	Ref	DRIVE MOTOR ASSEMBLY (4WD FRONT)	A
1	7022586	1	Shaft	
2	See Note	NSS	Casting, Front (Note: Use p/n 1001228232)	
3	See Note	NSS	Seal, Face (Note: Use Item 400)	
5	7022587	1	Bearing, Front	
6	7022588	1	Bearing, Rear	
7	70006747	1	Washer	
8	7022589	1	Ring, Split	
9	See Note	NSS	Seal, Shaft (Note: Use Item 400)	
12	See Note	NSS	Seal, Square (Note: Use Item 400)	
100	7023870	1	Cam	
101	70006763	1	Block, Cylinder	
102	70006752	1	Piston	
103	70006753	8	Roller	
106	70006756	2	Clip	
107	70006757	2	Ring, Retaining	
201	See Note	NSS	Housing, Rear (Note: Use p/n 1001228232)	
202	7023871	1	Ring, Distributor	
204	See Note	NSS	Seal (Note: Use Item 400)	
205	See Note	NSS	Seal (Note: Use Item 400)	
206	See Note	NSS	Seal (Note: Use Item 400)	
208	70006759	1	Pin, Dowel	
209	7023872	9	Spring	
216	70001091	6	Screw, Cap	
217	See Note	NSS	Seal, Square (Note: Use Item 400)	
220	7022591	1	Plug	
391	See Note	NSS	Plate, Rear Cover (Note: Use p/n 1001228232)	
392	70002264	4	Screw, Cap	
400	70006762	1	Seal Kit (Includes Items 3, 9, 12, 204-206 & 217)	

FIGURE 1-19. DRIVE MOTOR ASSEMBLY (REAR)

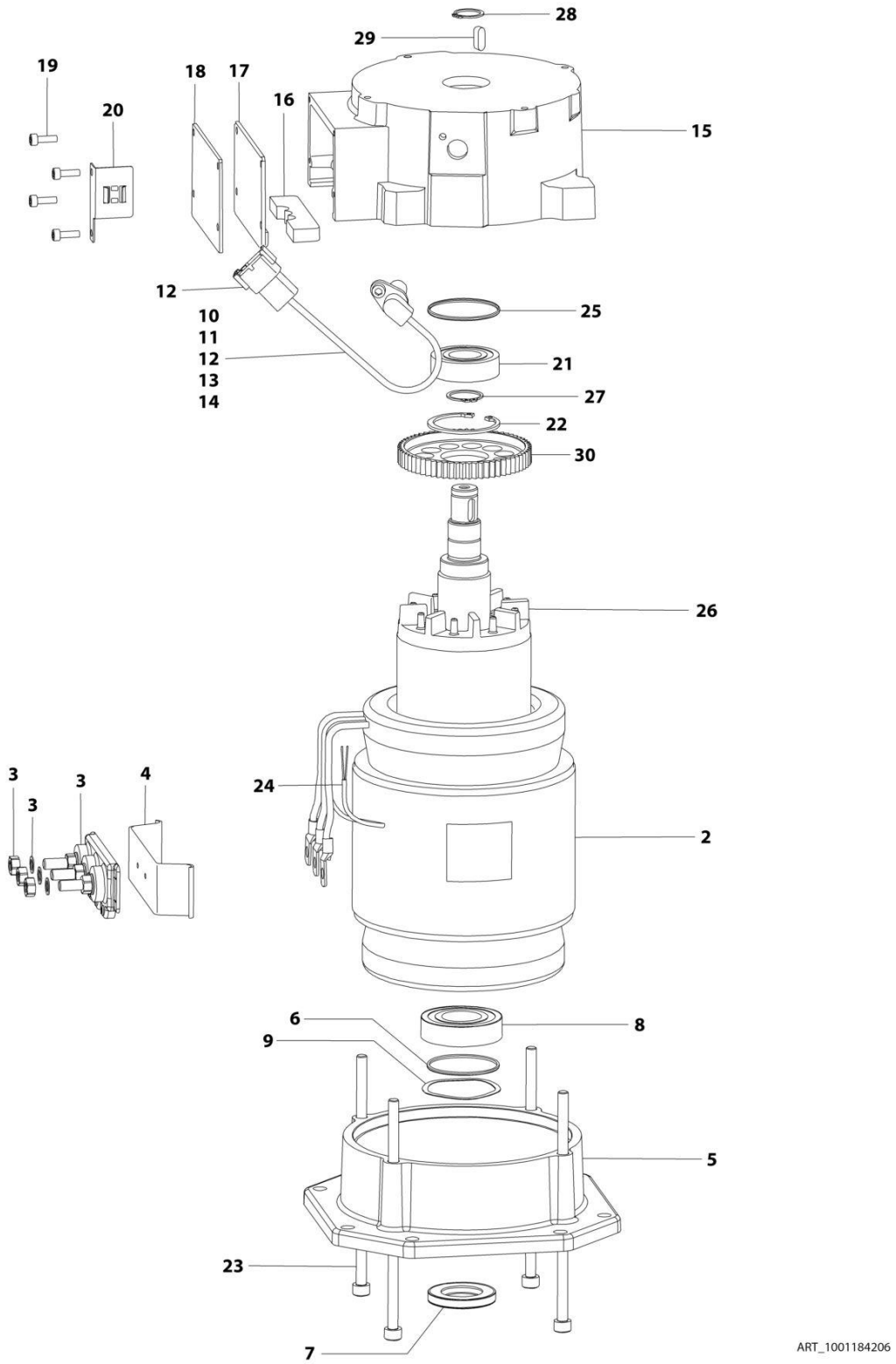


FIGURE 1-19. DRIVE MOTOR ASSEMBLY (REAR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001184206	Ref	DRIVE MOTOR ASSEMBLY	F
2	70005385	1	Stator	
3	70005685	1	Board, Terminal	
3	70005387	3	Nut M8	
3	70005388	3	Washer M8	
3	70005390	2	Screw M5 x 14	
4	70005389	1	Base, Terminal	
5	70005391	1	Plate, Drive End	
6	70004811	1	O-Ring	
7	70005392	1	Seal, Shaft	
8	70004809	1	Bearing	
9	70005393	1	Washer, Wavy	
10	70005394	1	Sensor (Includes Items 11-14)	
11	70005395	1	Screw M8 x 16	
12	70005397	1	Connector	
13	70005396	1	Wedge	
14	4460516	4	Pin, Male	
15	70005686	1	Shield, End	
16	70005687	1	Seal	
17	70005400	1	Seal	
18	70005401	1	Cover	
19	70005402	4	Screw M5 x 16	
20	70005403	1	Plate, Retaining	
21	70005404	1	Bearing	
22	70005405	1	Clip, Retainer	
23	70005406	4	Screw M8 x 180	
24	70005407	1	Temperature, Sensor	
25	70005408	1	O-Ring	
26	70005688	1	Rotor	
27	70004820	1	Clip, Retainer	
28	70005410	1	Clip, Retainer	
29	70005689	1	Key	
30	70005412	1	Gear	

FIGURE 1-20. DRIVE VALVE ASSEMBLY (4WD ONLY)

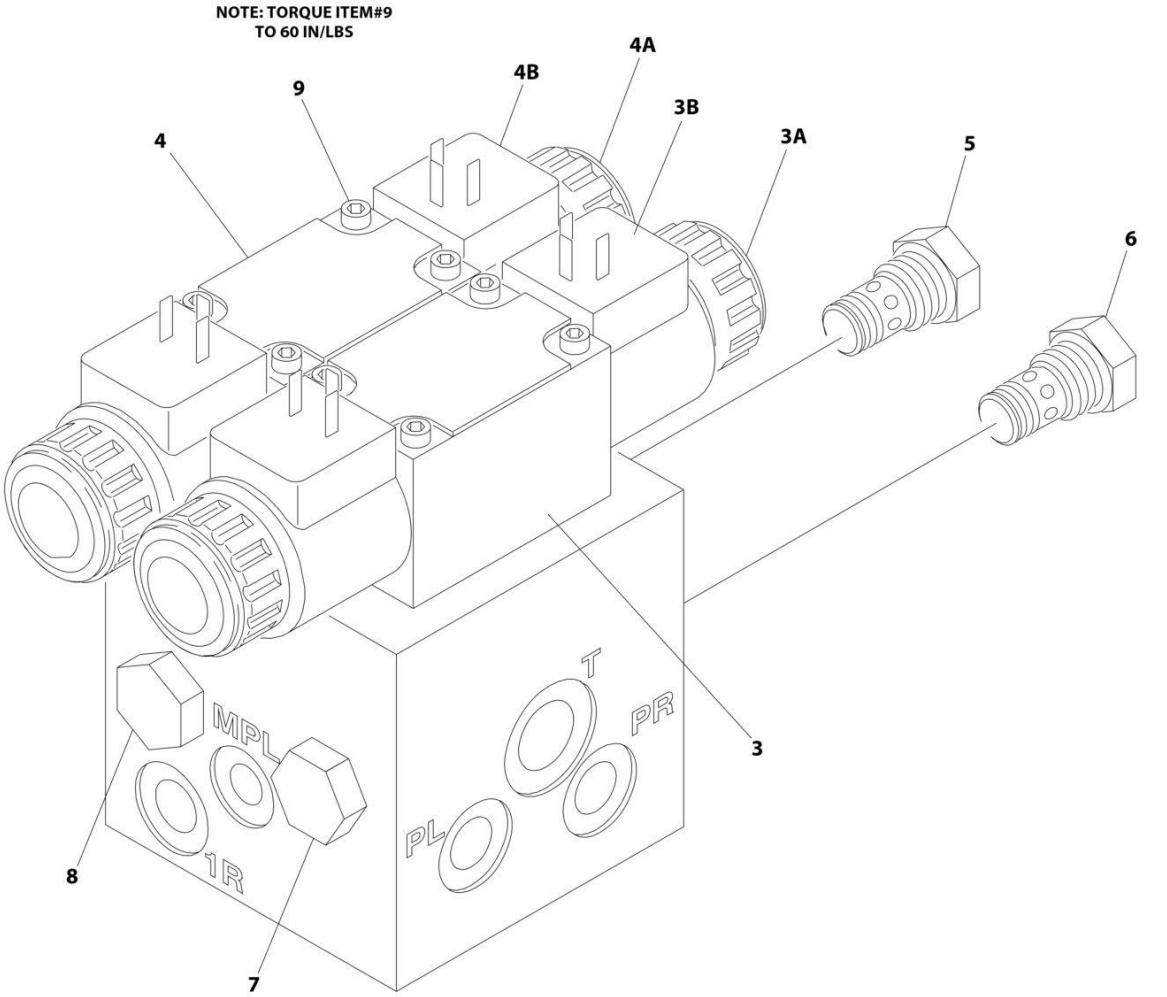


FIGURE 1-20. DRIVE VALVE ASSEMBLY (4WD ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001092586	Ref	DRIVE VALVE ASSEMBLY	C
3	70001422	1	Control Valve Assembly	
3	7012773	1	Seal Kit - 70001422 Valve	
3A	7021375	1	Nut, Coil	
3B	70002947	1	Coil	
4	70001422	1	Control Valve Assembly	
4	7012773	1	Seal Kit - 70001422 Valve	
4A	7021375	1	Nut, Coil	
4B	70002947	1	Coil	
5	7012969	1	Cartridge, Check	
5	7012540	1	Seal Kit - 7012969 Valve	
6	7012969	1	Cartridge, Check	
6	7012540	1	Seal Kit - 7012969 Valve	
7	7012969	1	Cartridge, Check	
7	7012540	1	Seal Kit - 7012969 Valve	
8	7012969	1	Cartridge, Check	
8	7012540	1	Seal Kit - 7012969 Valve	
9	7018942	8	Capscrew #10 x 2	

FIGURE 1-21. AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON-UL SPECS)

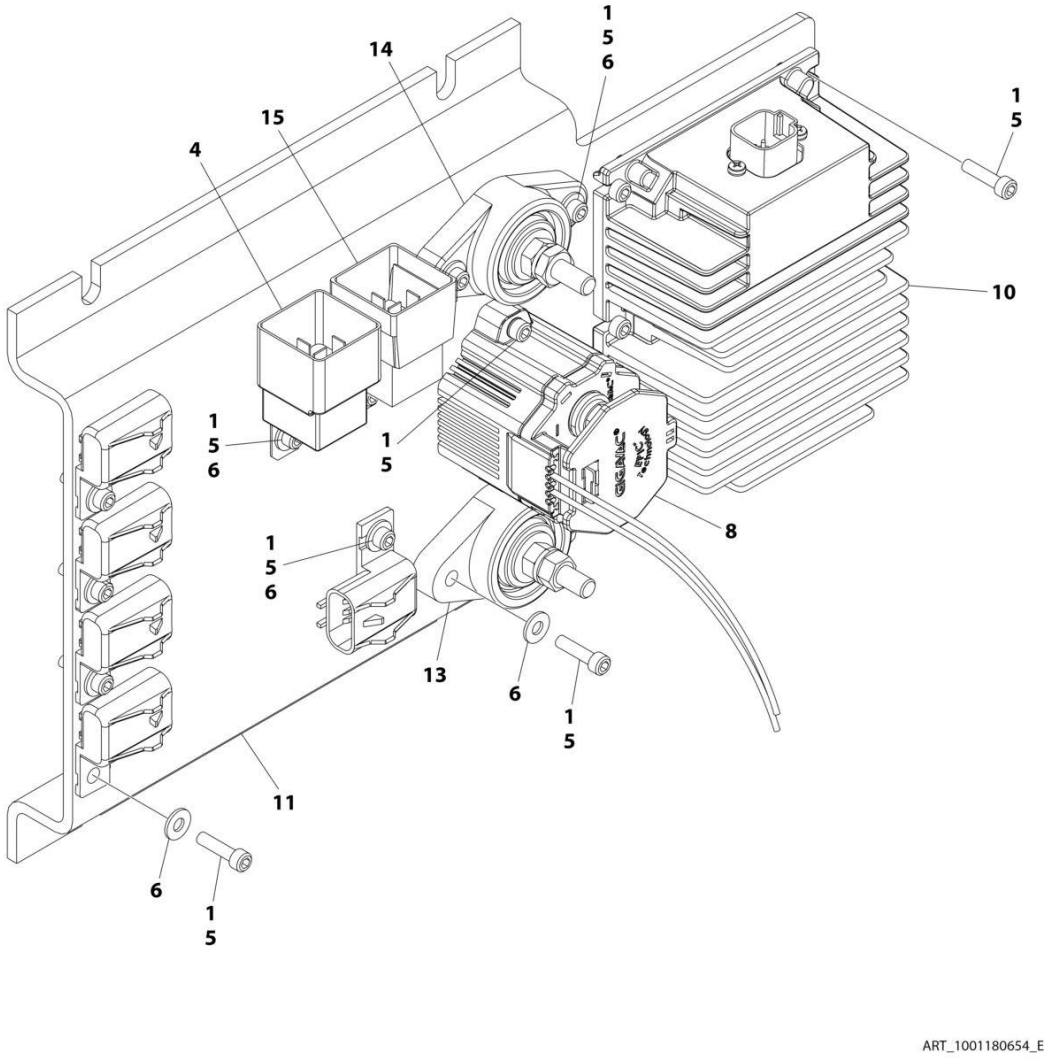


FIGURE 1-21. AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON-UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180654	Ref	AC DRIVE ELECTRICAL PLATE ASSEMBLY (NON UL SPECS)	E
1	0100035	AR	Compound, Locking	
4	3740080	1	Relay	
5	3931012	19	Capscrew #10 x 3/4	
6	4711000	11	Washer #10	
8	1001272006	1	Relay	
10	1001174447	1	Converter	
11	1001180653	1	Plate, Mounting	
13	1001186860	1	Stud, Power Distribution	
14	1001212359	1	Stud, Power Distribution (Red)	
15	1001214667	1	Relay	

FIGURE 1-22. AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)

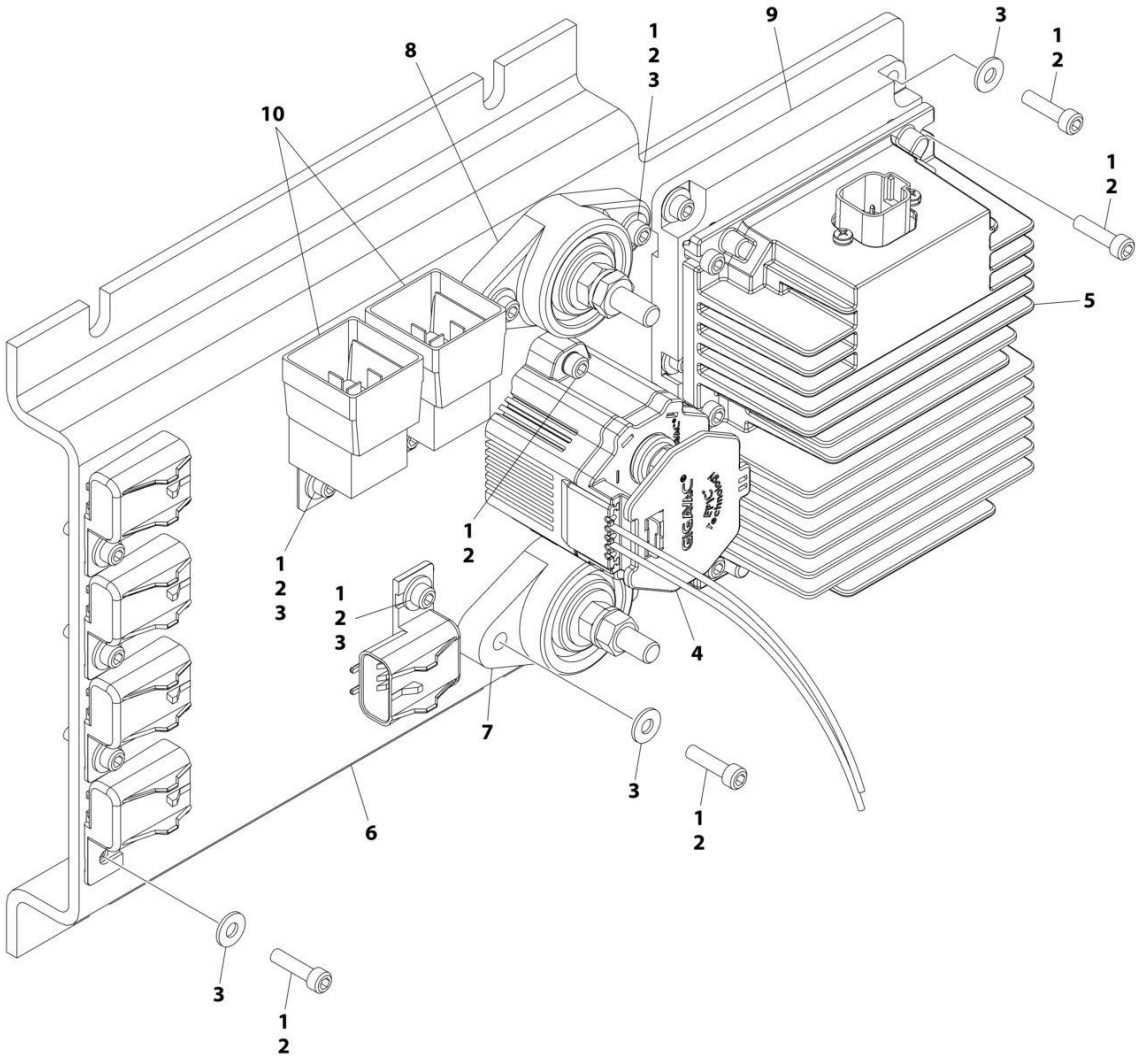


FIGURE 1-22. AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214669	Ref	AC DRIVE ELECTRICAL PLATE ASSEMBLY (UL SPECS)	B
1	0100035	AR	Compound, Locking	
2	3931012	25	Capscrew #10 x 3/4	
3	4711000	17	Washer #10	
4	1001170367	1	Relay, 300Amp	
4	1001272006	1	Relay, 350Amp	
5	1001174447	1	Converter	
6	1001180653	1	Plate, Mounting	
7	1001186860	1	Stud, Power Distribution	
8	1001212359	1	Stud, Power Distribution (Red)	
9	1001212450	1	Insulate, Converter	
10	1001214667	2	Relay	

FIGURE 1-23. DRIVE MODULE PLATE ASSEMBLY

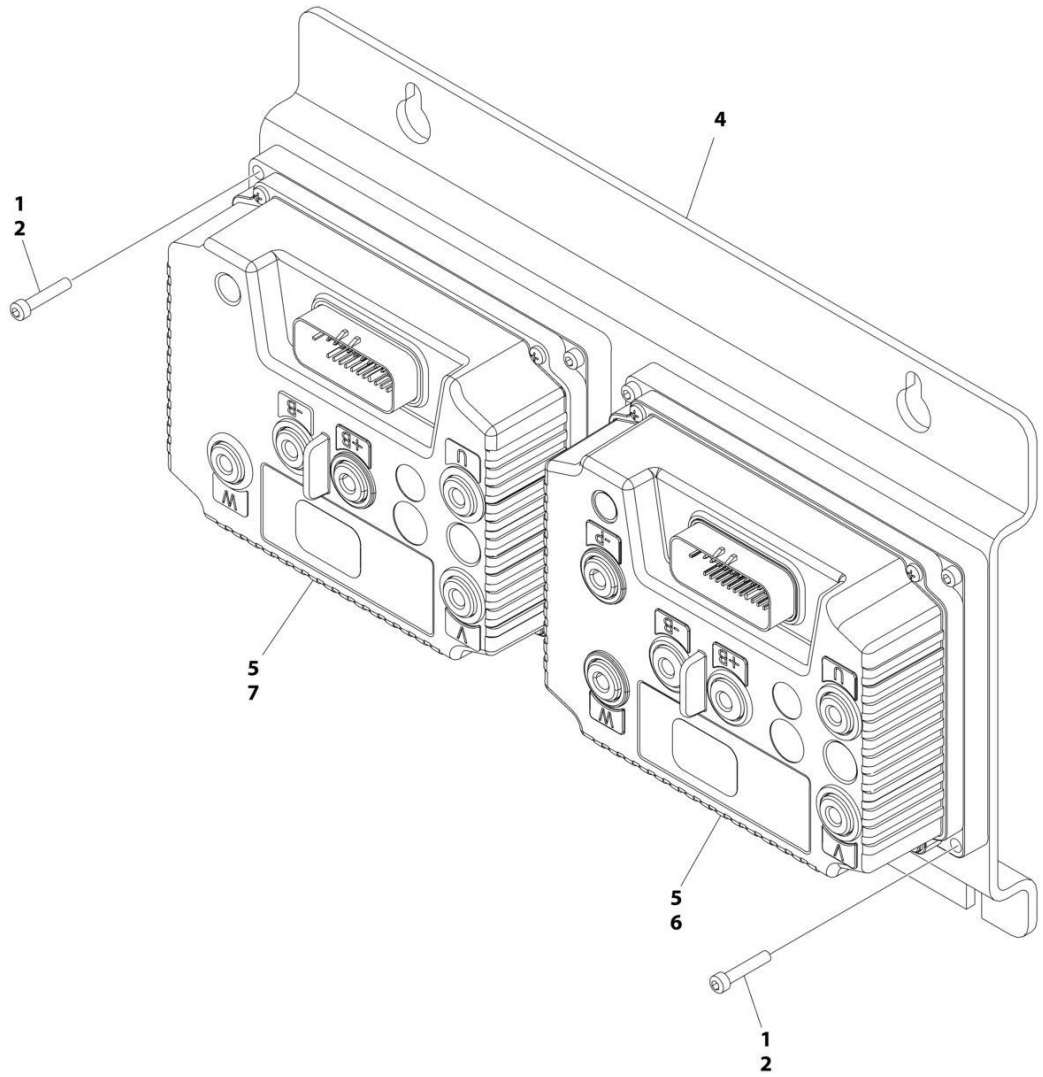


FIGURE 1-23. DRIVE MODULE PLATE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180780	Ref	DRIVE MODULE PLATE ASSEMBLY	C
1	0100035	AR	Compound, Locking	
2	3931016	8	Capscrew #10 x 1	
4	1001180779	1	Plate, Mounting	
5	0100083	AR	Grease	
6	1001178339	1	Module, Drive	
7	1001192212	1	Module, Drive	

FIGURE 1-24. TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING

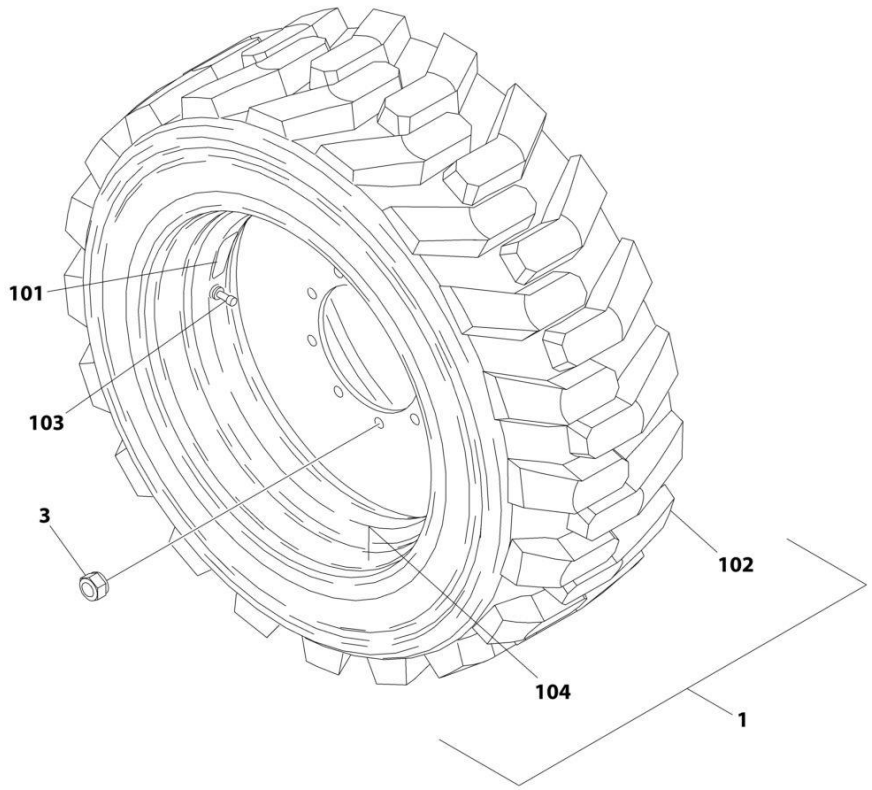


FIGURE 1-24. TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272694	Ref	TIRE AND WHEEL INSTALLATION - 36/14LL X 22.5 FOAM-FILLED NON-MARKING	B
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	0272692	2	36/14LL x 22.5 Foam-Filled Non-Marking (Right Side)	E
1	0272693	2	36/14LL x 22.5 Foam-Filled Non-Marking (Left Side)	E
3	3300426	36	Nut 5/8	
101	1702698	1	Decal - 55PSI/4BAR (Pneumatic Only)	
102	4520264	1	Tire, Replacement (36/14LL x 22.5)	
103	4641122	1	Valve, Air	
104	4860212	1	Rim, Wheel	

FIGURE 1-25. TIRE AND WHEEL INSTALLATION - 355/55D625 FOAM FILLED

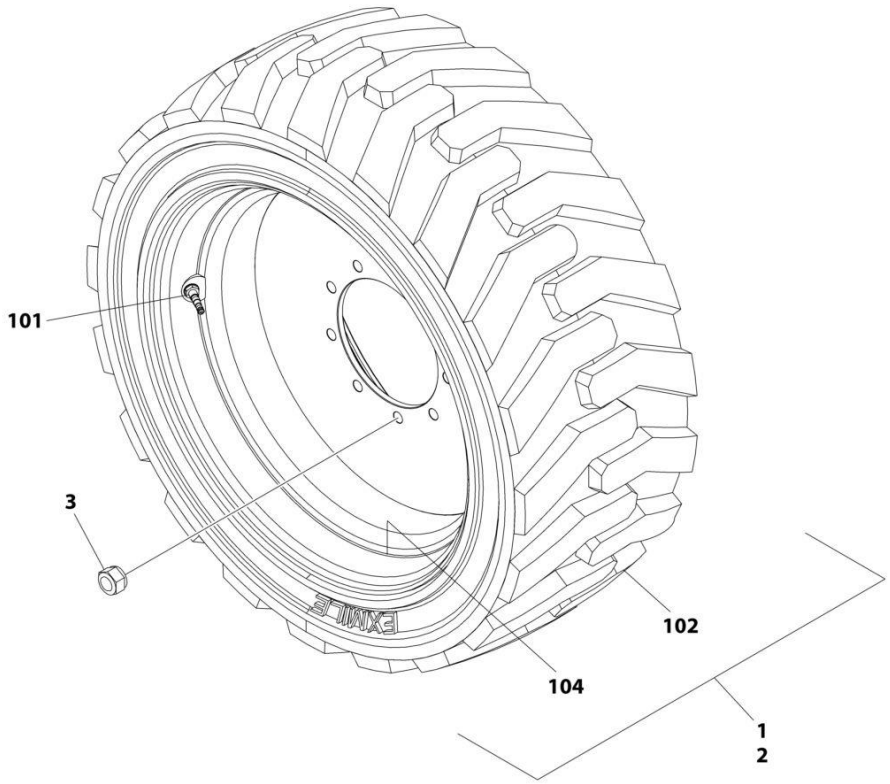


FIGURE 1-25. TIRE AND WHEEL INSTALLATION - 355/55D625 FOAM FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001285720	Ref	TIRE AND WHEEL INSTALLATION - 355/55D625 FOAM FILLED	A
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001282160	2	355/55D625 Foam-Filled (Left Side) (Includes Items 101-104)	B
2	1001282161	2	355/55D625 Foam-Filled (Right Side) (Includes Items 101-104)	B
3	3300426	36	Nut 5/8	
101	4641122	1	Valve, Air	
102	1001277859	1	Tire, Replacement (355/55D625)	
104	1001285719	1	Rim, Wheel	

FIGURE 1-26. FRAME SHIELDS INSTALLATION

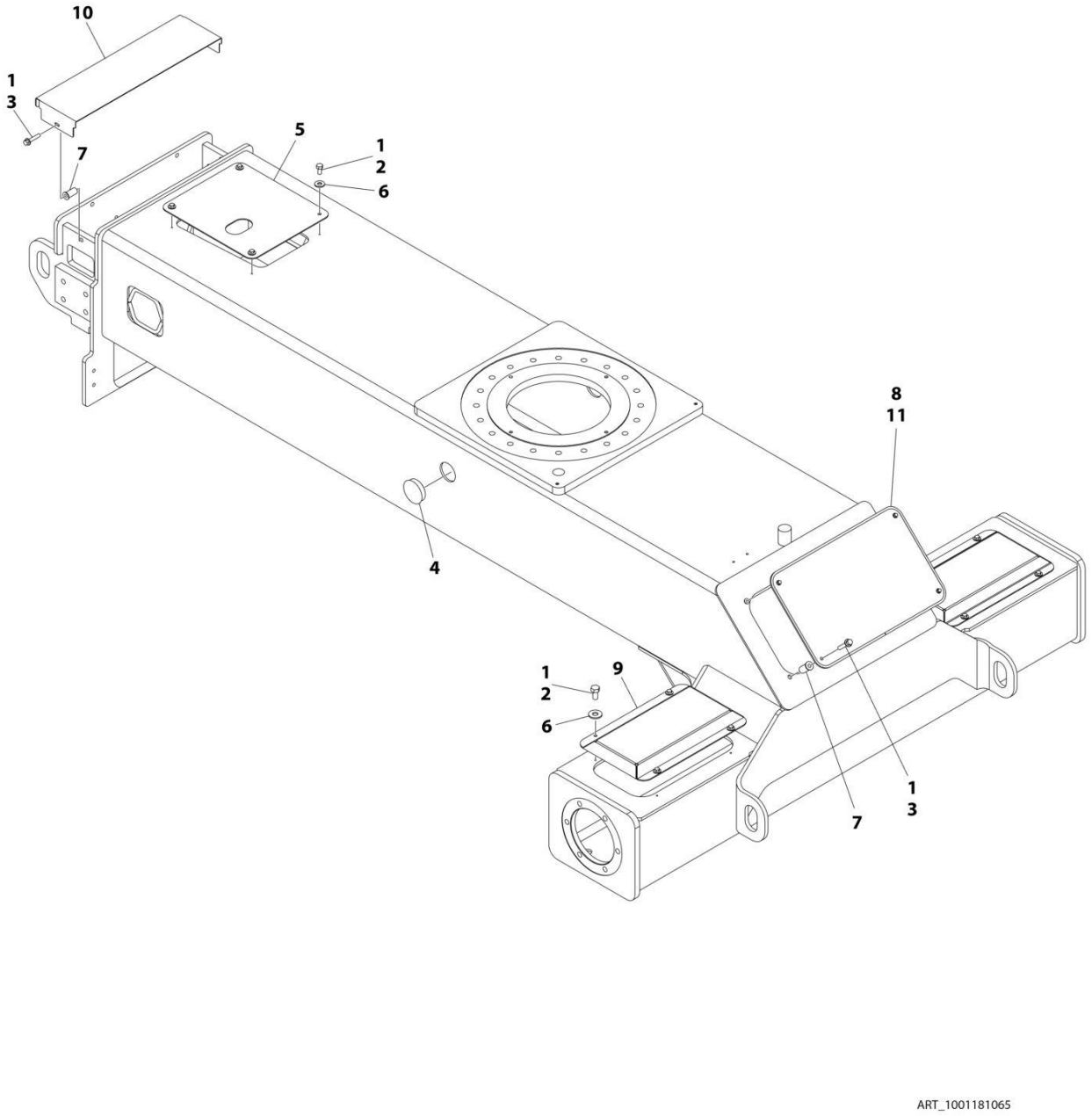


FIGURE 1-26. FRAME SHIELDS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181065	Ref	FRAME SHIELDS INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0641505	12	Bolt 5/16 x 5/8	
3	0791410	8	Screw 1/4 x 1-1/4	
4	3520064	2	Plug	
5	1001194312	1	Cover, Front Frame	
6	4751500	12	Washer 5/16	
7	8580420	8	Nut, Well	
8	1001172293	1	Cover, Rear Frame	
9	1001180652	2	Cover, Axle	
10	1001181924	1	Cover, Front Frame	
11	4060804	5.5 ft/ 1.7m	Flex-Trim	

FIGURE 1-27. TOW PACKAGE INSTALLATION WITHOUT NATO EYE

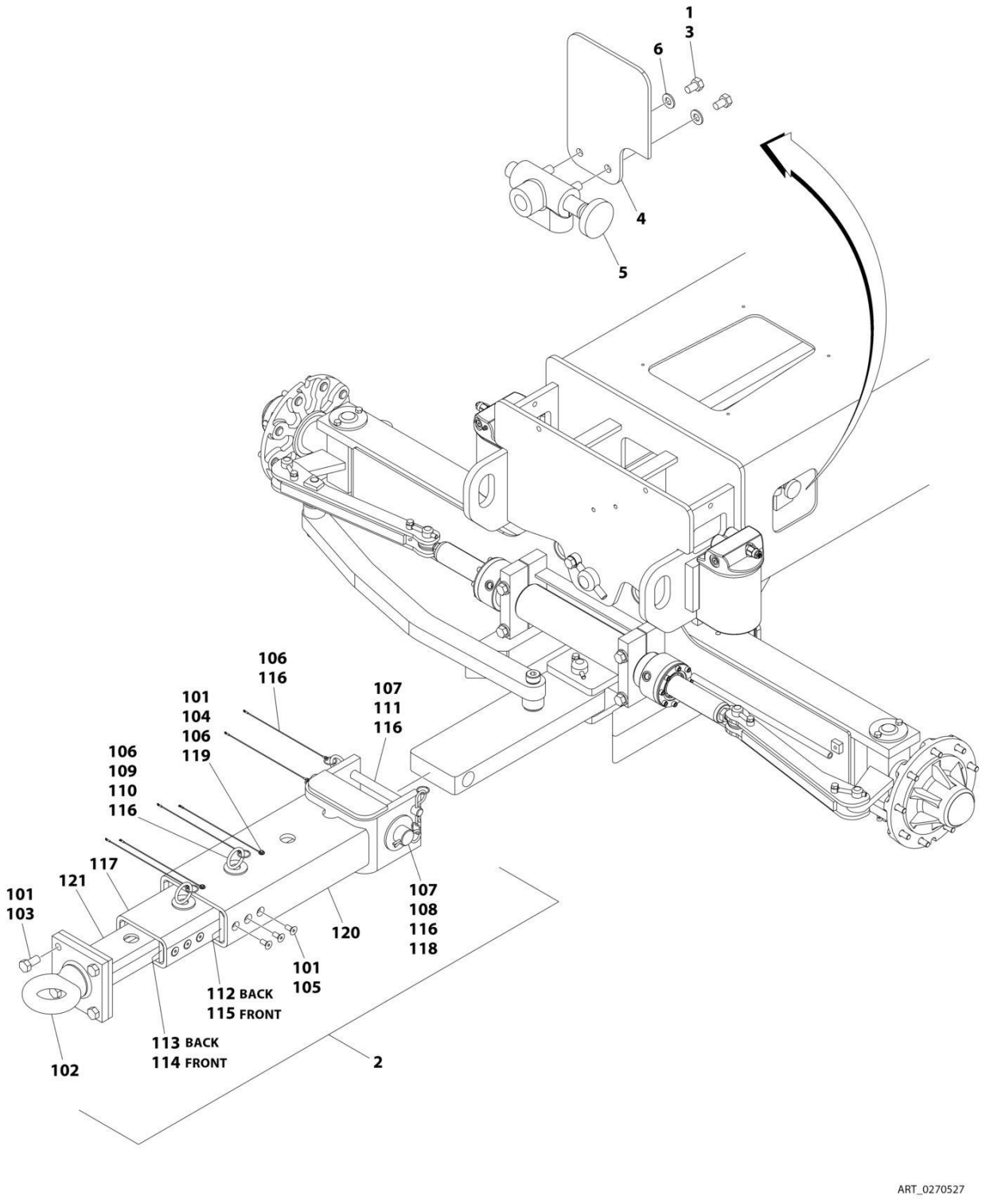


FIGURE 1-27. TOW PACKAGE INSTALLATION WITHOUT NATO EYE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270527	Ref	TOW PACKAGE INSTALLATION WITHOUT NATO EYE	C
1	0100011	AR	Compound, Locking	
2	0270528	1	Tow Bar Assembly (See Items 101-121 for Breakdown)	
3	0641504	2	Bolt 5/16 x 1/2	
4	3572506	1	Plate, Valve Mounting	
5	4640261	1	Valve, Tow	
6	4711500	2	Washer 5/16	
	0270528	Ref	TOW BAR ASSEMBLY	B
101	0100011	AR	Compound, Locking	
102	0362910	1	Hook, Pintle Eye	
103	0642010	4	Bolt 5/8 x 1-1/4	
104	0721004	2	Screw	
105	0741607	24	Screw 3/8 x 7/8	
106	1060584	6	Lanyard	
107	3420372	2	Pin, Cotter	
108	3420447	1	Pin, Towing	
109	3421565	2	Pin, Snap	
110	3422841	2	Pin	
111	3422847	1	Pin	
112	3572009	2	Plate, Slide Stop	
113	3572010	2	Plate, Slide Stop	
114	3572011	2	Plate, Slide Stop	
115	3572012	2	Plate, Slide Stop	
116	3760170	8	Ring, Split	
117	4568133	1	Tow Bar - Middle	
118	4740036	1	Washer	
119	4751000	2	Washer #10	
120	4846295	1	Tow Bar - Outer	
121	4846296	1	Tow Bar - Inner	

FIGURE 1-28. TOW PACKAGE INSTALLATION WITH NATO EYE

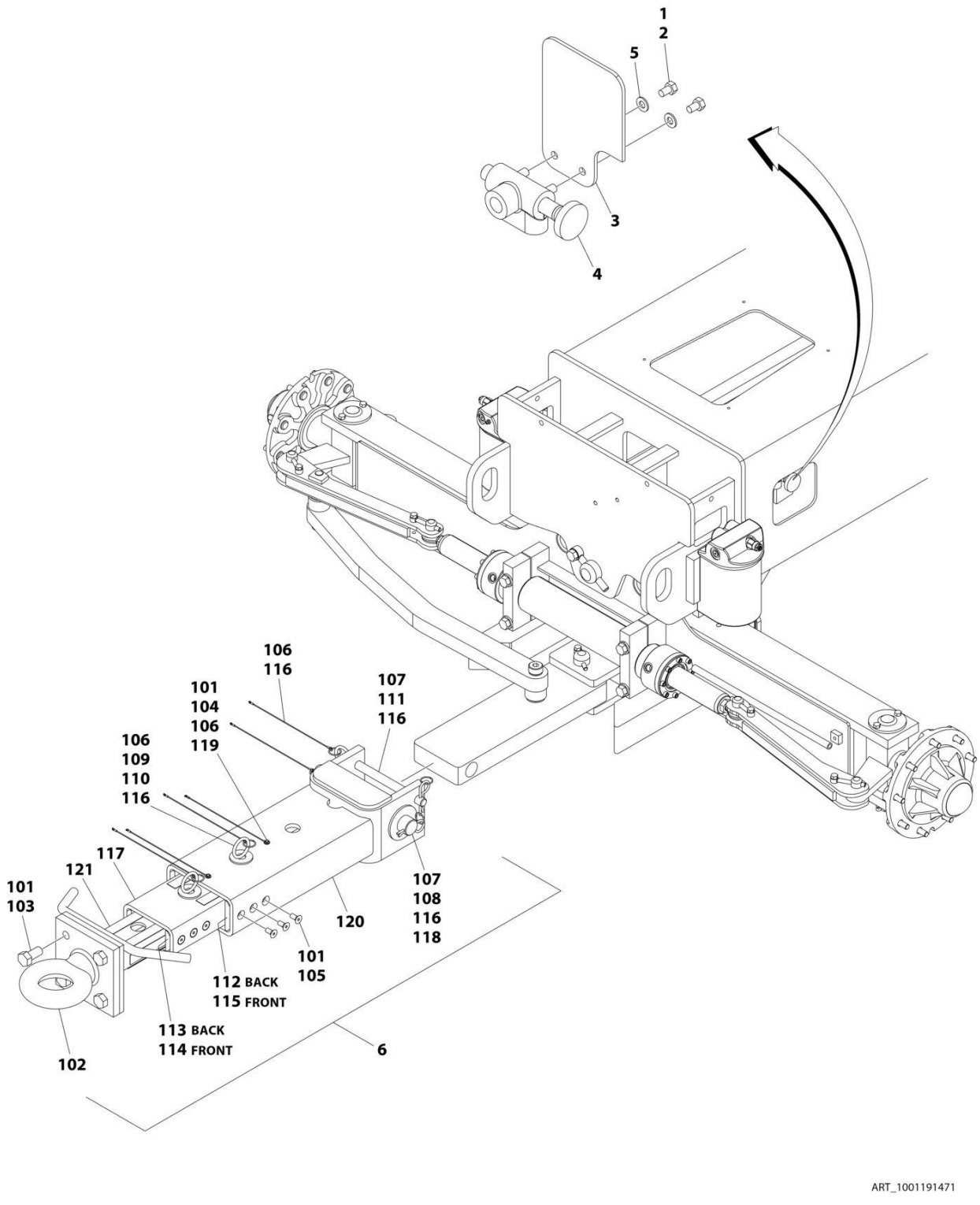


FIGURE 1-28. TOW PACKAGE INSTALLATION WITH NATO EYE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191471	Ref	TOW PACKAGE INSTALLATION WITH NATO EYE	B
1	0100011	AR	Compound, Locking	
2	0641504	2	Bolt 5/16 x 1/2	
3	3572506	1	Plate, Valve Mounting	
4	4640261	1	Valve, Tow	
5	4711500	2	Washer 5/16	
6	1001191469	1	Tow Bar Assembly (See Items 101-121 for Breakdown)	
	1001191469	Ref	TOW BAR ASSEMBLY	A
101	0100011	AR	Compound, Locking	
102	1001191463	1	Eye-Hook, Pintle	
103	0682212	4	Bolt 3/4 x 1-1/2	
104	0721004	2	Screw	
105	0741607	24	Screw 3/8 x 7/8	
106	1060584	6	Lanyard	
107	3420372	2	Pin, Cotter	
108	3420447	1	Pin, Towing	
109	3421565	2	Pin, Snap	
110	3422841	2	Pin	
111	3422847	1	Pin	
112	3572009	2	Plate, Slide Stop	
113	3572010	2	Plate, Slide Stop	
114	3572011	2	Plate, Slide Stop	
115	3572012	2	Plate, Slide Stop	
116	3760170	8	Ring, Split	
117	4568133	1	Tow Bar - Middle	
118	4740036	1	Washer	
119	4751000	2	Washer #10	
120	1001191489	1	Tow Bar - Outer	
121	1001191493	1	Tow Bar - Inner	

SECTION 2 - TURNTABLE

FIGURE 2-1. MAIN CONTROL INSTALLATION - EC600SJ & H600SJ

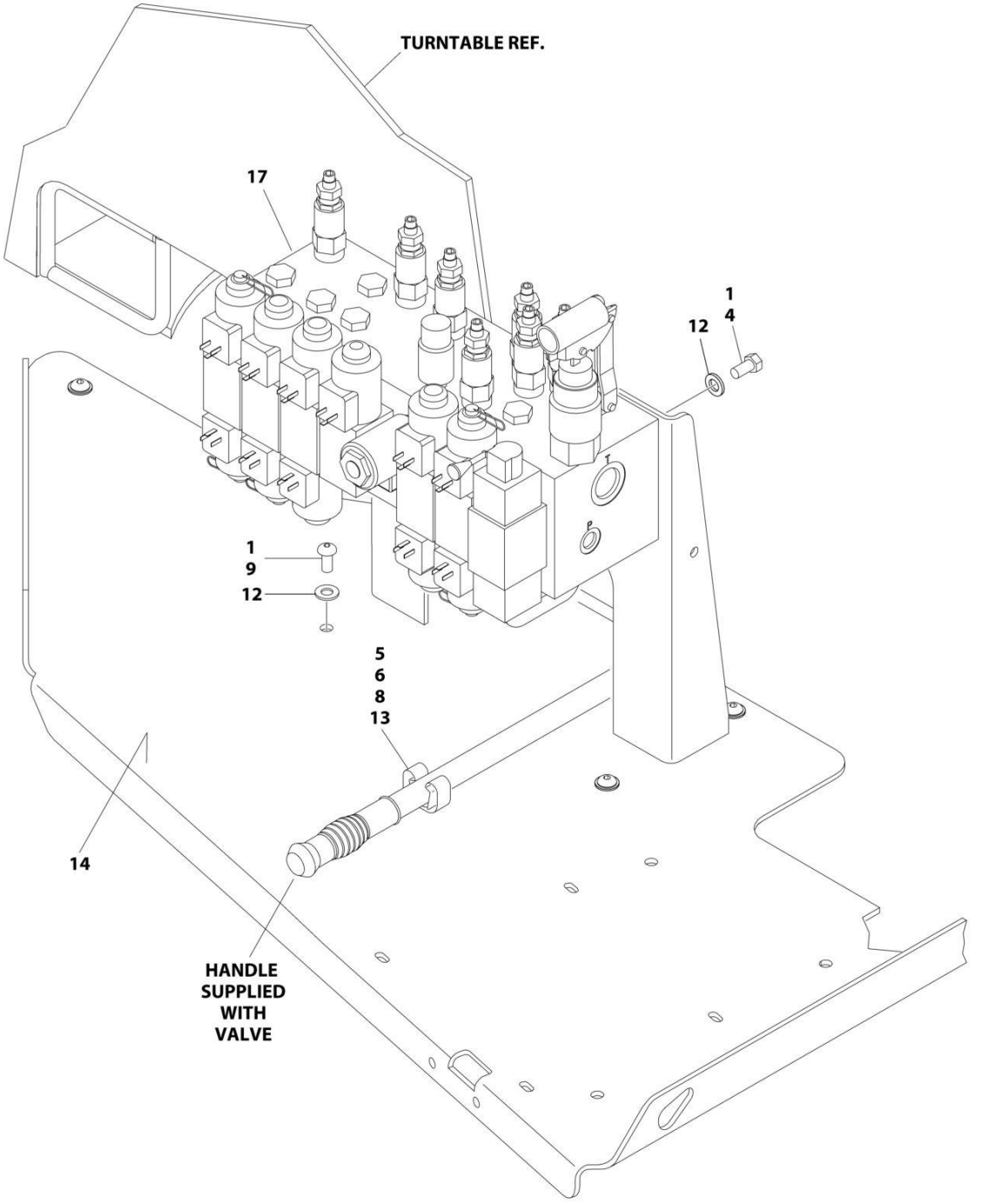


FIGURE 2-1. MAIN CONTROL INSTALLATION - EC600SJ & H600SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250318	Ref	MAIN VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
4	0641606	4	Bolt 3/8 x 3/4	
5	0741005	2	Bolt #10 x 5/8	
6	1380136	2	Clip	
8	3311005	2	Nut #10	
9	3900283	7	Screw	
12	4711600	11	Washer 3/8	
13	4751000	4	Washer #10	
14	4846183	1	Tray	
17	1001219391	1	Main Control Valve Assembly (See Separate Breakdown in this Section)	

FIGURE 2-2. MAIN CONTROL INSTALLATION - EC600SJP & H600SJP

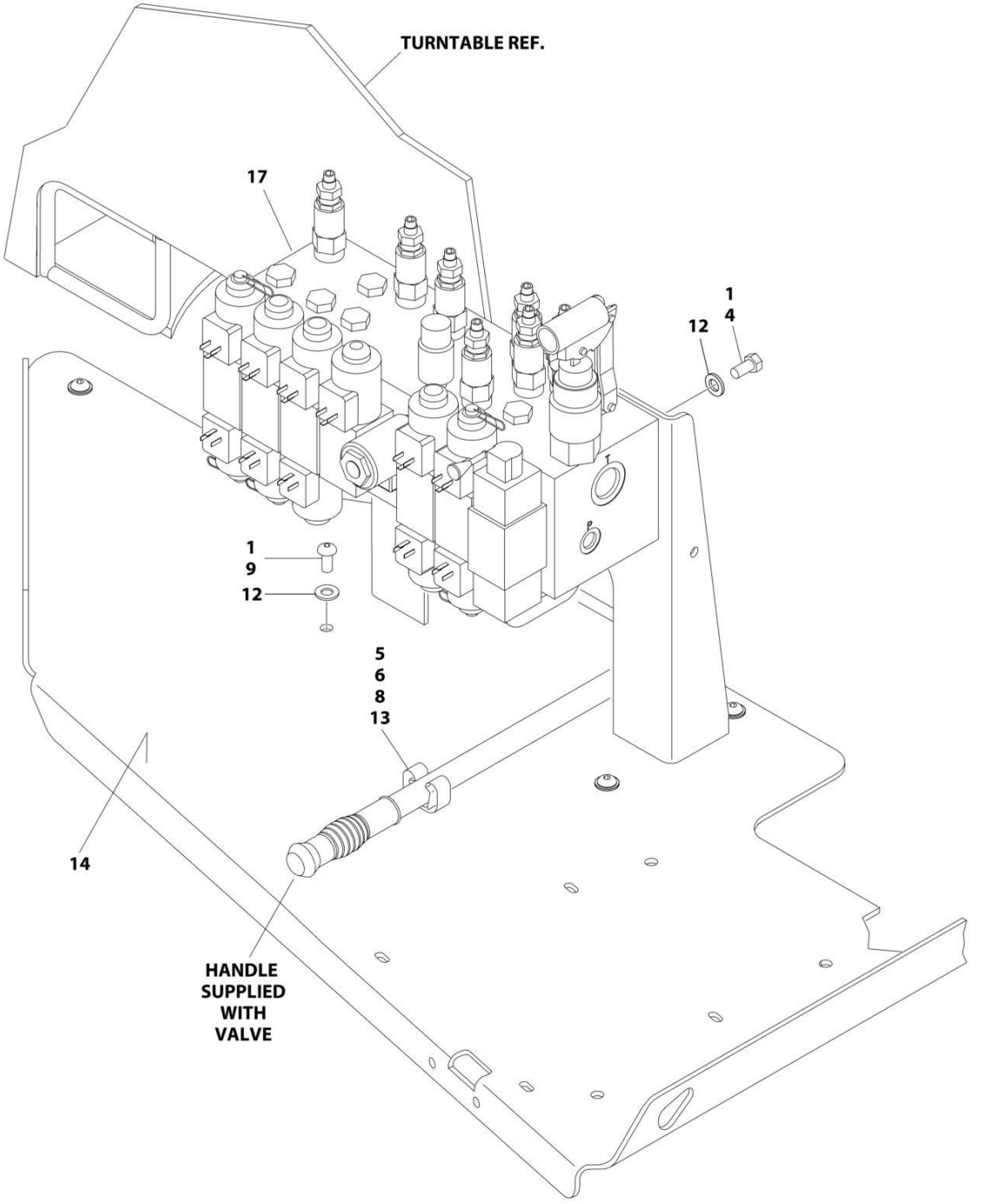


FIGURE 2-2. MAIN CONTROL INSTALLATION - EC600SJP & H600SJP

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250319	Ref	MAIN VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
4	0641606	4	Bolt 3/8 x 3/4	
5	0741005	2	Bolt #10 x 5/8	
6	1380136	2	Clip	
8	3311005	2	Nut #10	
9	3900283	7	Screw	
12	4711600	11	Washer 3/8	
13	4751000	4	Washer #10	
14	4846183	1	Tray	
17	1001219391	1	Main Control Valve Assembly (See Separate Breakdown in this Section)	

FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY

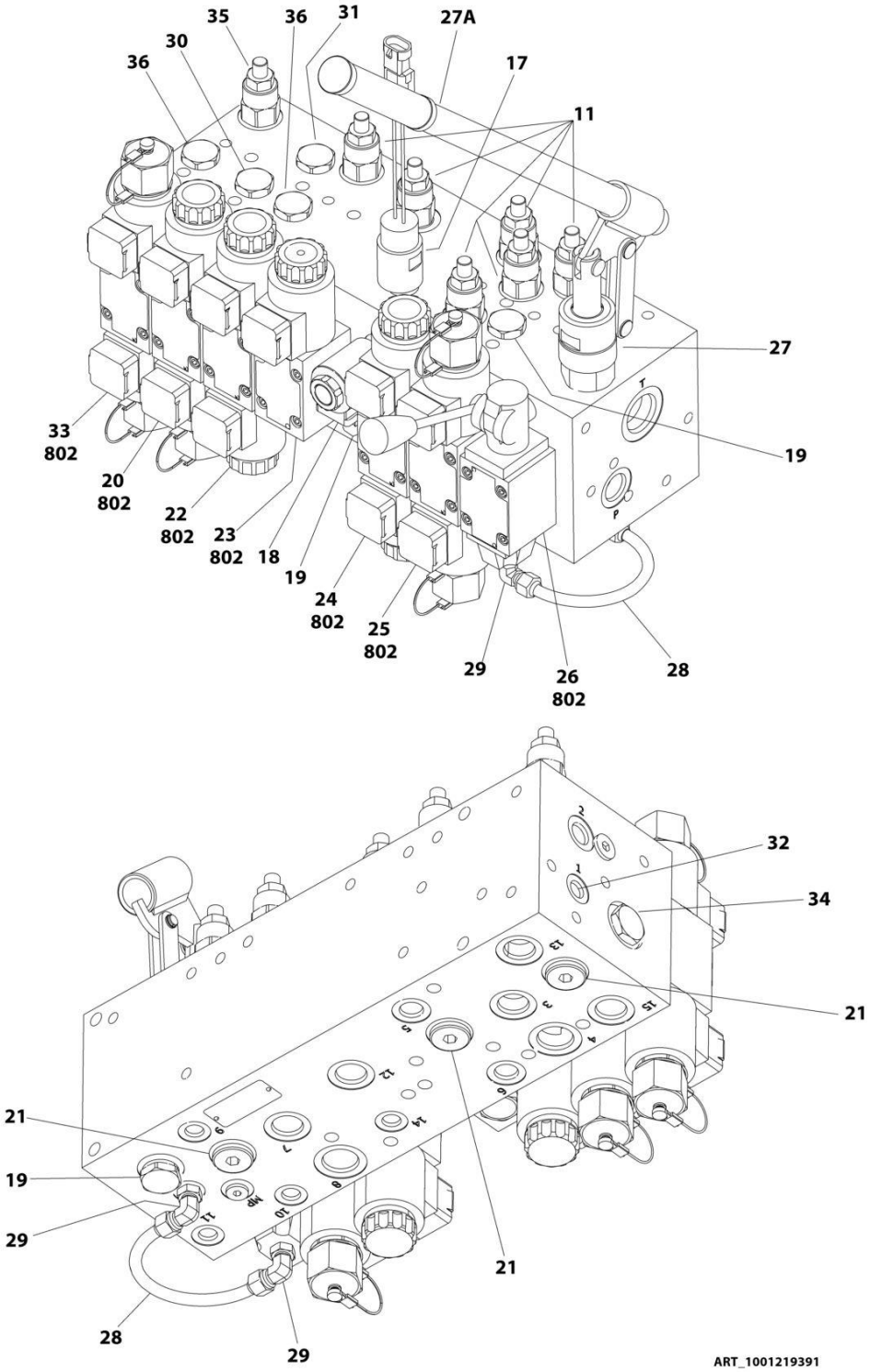


FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219391	Ref	MAIN CONTROL VALVE ASSEMBLY	D
11	70003019	6	Cartridge, Relief	
11	70004052	6	Seal Kit - 70003019 Valve	
17	7021619	1	Cartridge, Pressure Switch (Brake)	
18	70007284	1	Cartridge without Coil (Brake)	
18	70007285	1	Coil	
19	70004585	3	Cartridge, Valve	
20	70001440	1	Control Valve Assembly (Telescope)	
20	7012773	1	Seal Kit	
20	70003525	1	Nut	
20	70003526	1	Lanyard	
20	7021375	1	Nut	
20	7018943	2	O-Ring between Nut & Coil	
20	70002947	2	Coil	
20	7018945	4	Seal between Valve and Block	
21	70023859	3	Valve, Shuttle	
22	70001342	1	Control Valve Assembly (Steer)	
22	7012773	1	Seal Kit	
22	7021375	1	Nut	
22	7018943	2	O-Ring between Nut & Coil	
22	70002947	2	Coil	
22	7018945	4	Seal between Valve and Block	
13	7022521	1	Control Valve Assembly (Flow Control)	
23	7012773	1	Seal Kit	
23	7021375	1	Nut	
23	7018943	1	O-Ring between Nut & Coil	
23	7018991	2	Coil	
23	7018945	4	Seal between Valve and Block	
24	7024991	1	Control Valve Assembly (Lift)	
24	7012773	1	Seal Kit	
24	7021375	2	Nut	
24	7018943	2	O-Ring between Nut & Coil	
24	7018991	2	Coil	
24	7018945	4	Seal between Valve and Block	
25	70005374	1	Control Valve Assembly (Swing)	
25	70003526	2	Lanyard	
25	70003525	2	Nut	
25	70004461	2	O-Ring between Nut & Coil	
25	7018991	2	Coil	
25	7018945	4	Seal between Valve and Block	
26	7024022	1	Control Valve Assembly (Manual Descent)	
26	7024024	1	Seal Kit	
26	7024023	1	Handle and Actuator End	
27	70007286	1	Pump Assembly	
27A	70007287	1	Handle with Grip	
28	70000435	1	Hose	
29	7018904	1	Fitting, Elbow	
30	70005952	1	Cartridge, Check	
31	70005951	1	Cartridge, Check	
32	7018900	1	Orifice	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	70007288	1	Control Valve Assembly (Jib)	
33	70003526	2	Lanyard	
33	70003525	2	Nut	
33	70004461	2	O-Ring between Nut & Coil	
33	70002947	2	Coil	
33	7018945	4	Seal between Valve and Block	
34	70003021	1	Cartridge, Valve	
34	70004052	1	Seal Kit - 70003021 Valve	
35	70003019	1	Cartridge, Relief	
35	70004052	1	Seal Kit - 70003019 Valve	
36	70005952	2	Cartridge, Check	
802	7018942	28	Capscrew #10 x 2	

FIGURE 2-4. SWING DRIVE INSTALLATION

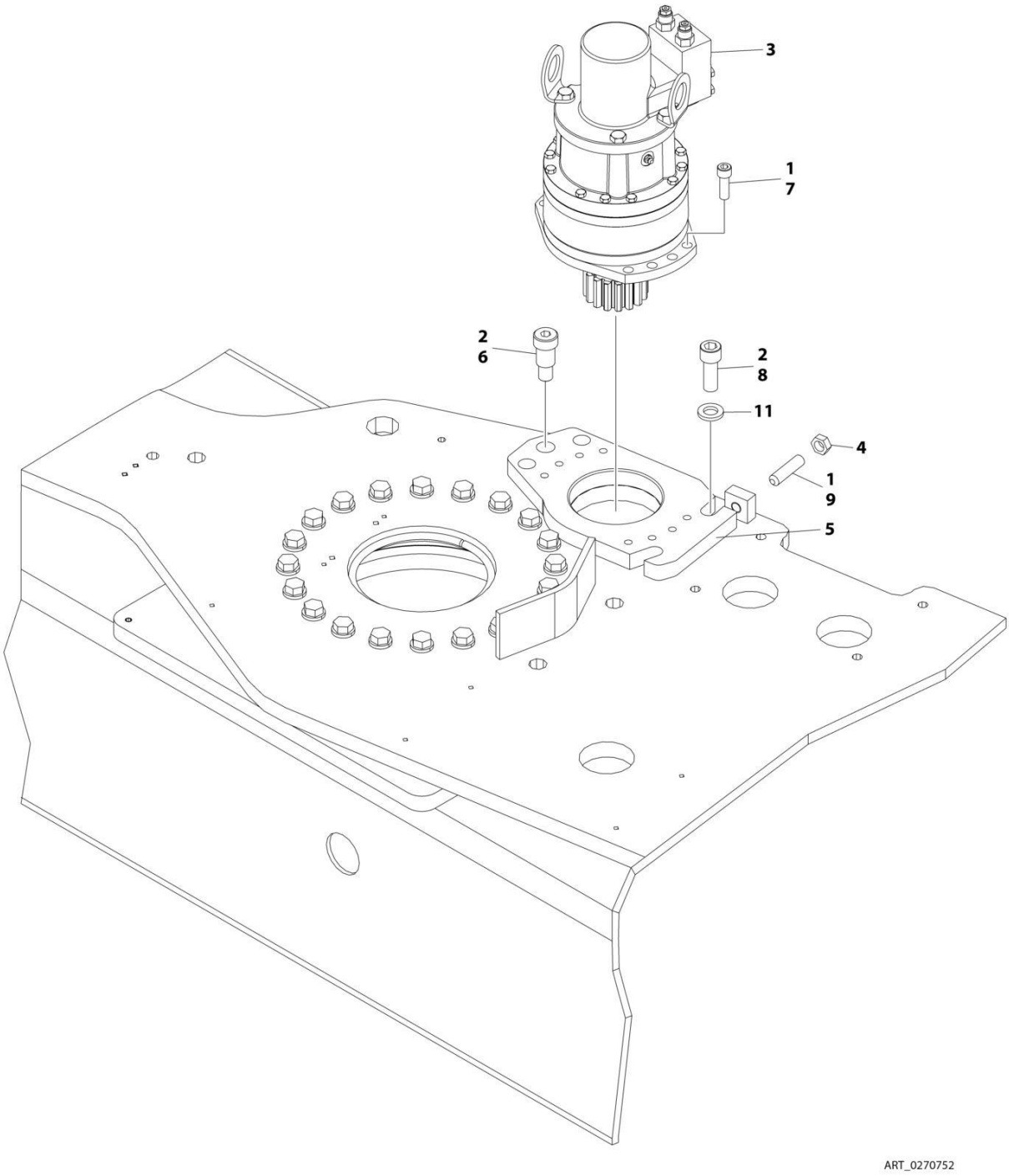
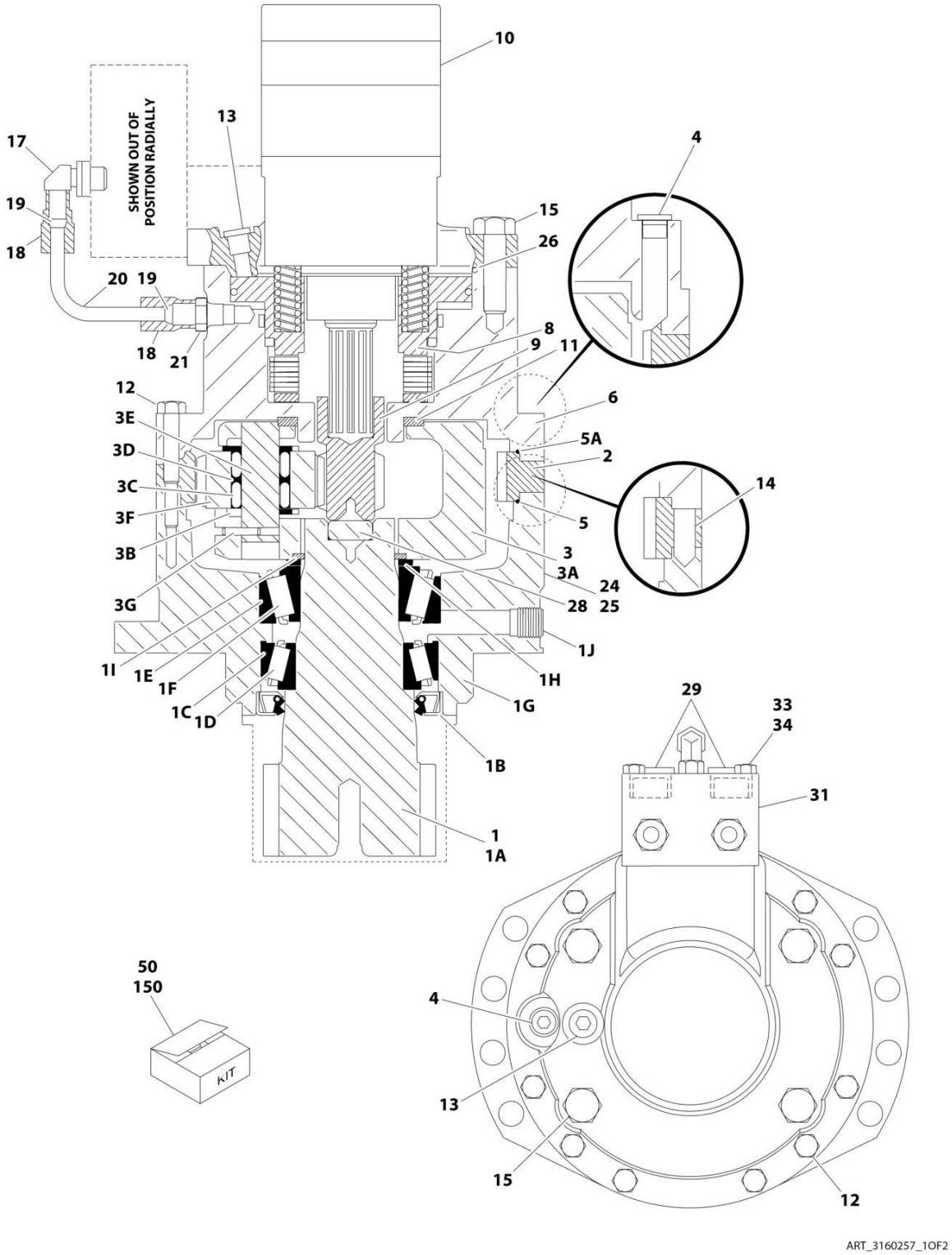


FIGURE 2-4. SWING DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270752	Ref	SWING DRIVE INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	3160257	1	Swing Motor Assembly (See Separate Breakdown in this Section)	
4	3312002	1	Nut 5/8	
5	3572628	1	Plate, Mounting	
6	3900293	1	Screw, Shoulder	
7	3931824	8	Capscrew 1/2 x 1-1/2 Grade 8	
8	3932232	4	Bolt 3/4 x 2 Grade 8	
9	3952020	1	Setscrew 5/8 x 2-1/2	
10	4071009	1	Shim (Not Shown - Used on setting gear backlash)	
11	4892200	4	Washer 3/4	

FIGURE 2-5. SWING MOTOR ASSEMBLY



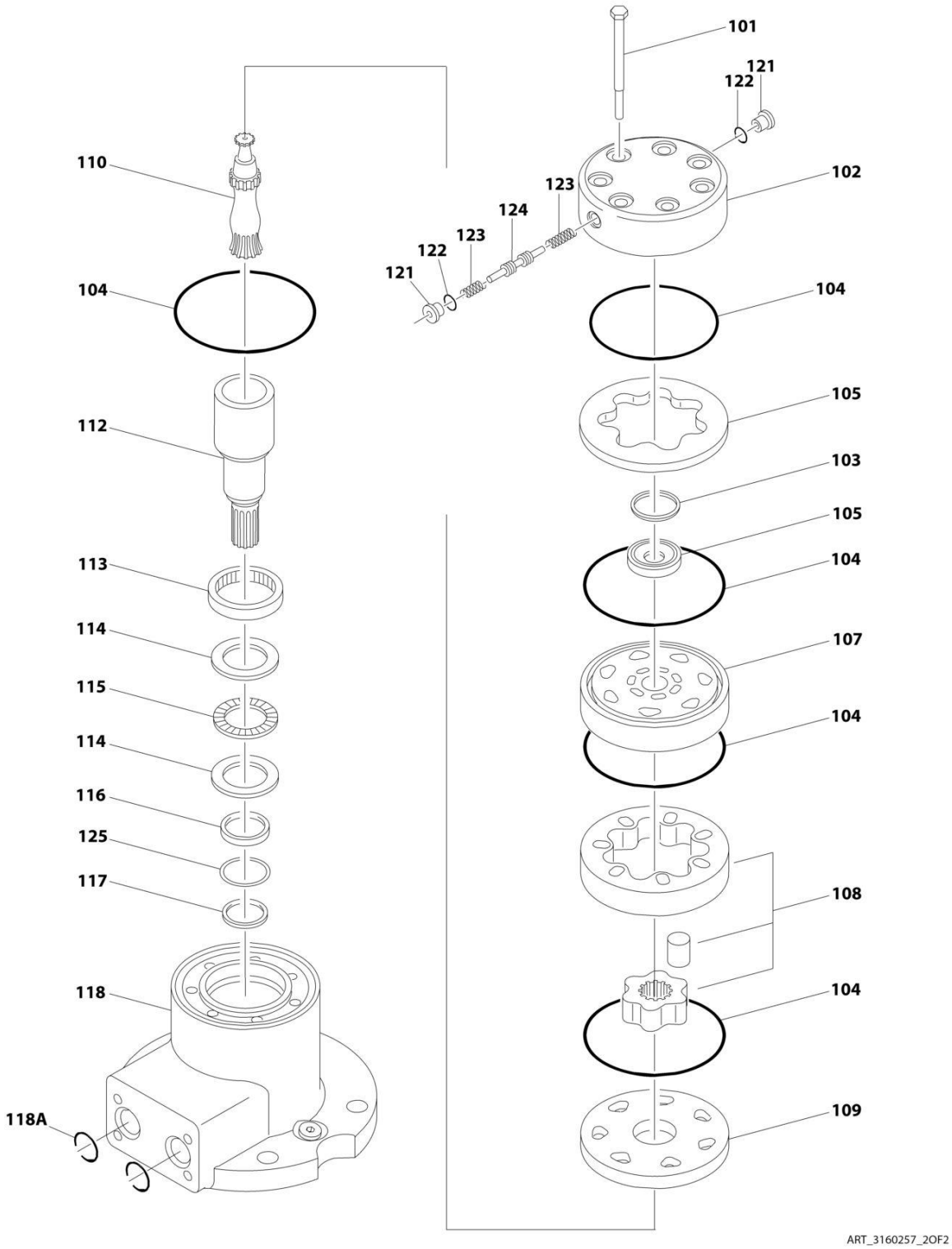

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FIGURE 2-5. SWING MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160257	Ref	SWING MOTOR ASSEMBLY	C
1	See Note	NSS	Housing Assembly (Note: Use p/n 3160257)	
1A	7017069	1	Shaft, Output	
1B	See Note	NSS	Seal, Lip (Note: Use Item 50)	
1C	7000255	1	Bearing, Tapered-Cup	
1D	7000256	1	Bearing, Tapered-Cone	
1E	7000257	1	Bearing, Tapered-Cup	
1F	7000258	1	Bearing, Tapered-Cone	
1G	7017071	1	Housing	
1H	7007633	1	Thrustwasher	
1I	See Note	NSS	Ring, Retaining (Note: Use Item 50)	
1J	7017072	1	Plug, Pipe (With O-Ring)	
2	7000203	1	Gear, Ring	
3	See Note	NSS	Carrier Assembly (Note: Not Available - Purchase Individual Components)	
3A	7017074	1	Carrier	
3B	7001908	6	Thrustwasher, Tanged	
3C	7007637	96	Bearing, Needle	
3D	7000263	3	Spacer, Thrust	
3E	7017073	3	Shaft, Planet	
3F	7017075	3	Gear, Planet	
3G	7001913	3	Pin, Roll	
4	7017023	1	Plug, Pipe (With O-Ring)	
5	See Note	NSS	O-Ring (Special) (Note: Use Item 50)	
5A	See Note	NSS	O-Ring (White) (Note: Use Item 50)	
6	7017077	1	Hub, Brake	
8	7017079	1	Brake, Input	
8	7024199	1	Friction Disc Kit	
8	7024700	1	Spring Kit	
8	7024701	1	Brake Seal Kit	
9	7017076	1	Gear, Sun	
10	7017088	1	Motor, Hydraulic (See Items 101-150 for Breakdown)	
11	See Note	NSS	Thrustwasher (Note: Use Item 50)	
12	See Note	NSS	Bolt (Note: Use Item 50)	
13	7017082	1	Plug, Pipe (With O-Ring)	
14	7017080	4	Pin, Dowel	
15	7024136	4	Bolt	
17	7017085	1	Elbow	
18	7017083	2	Nut, Tube	
19	7017084	2	Tube, Female	
20	7017087	1	Tubing	
21	7017086	1	Connector, Straight	
24	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
25	7000281	2	Screw, Drive	
26	See Note	NSS	O-Ring (Note: Use Item 50)	
28	7017078	1	Spacer, Input	
29	7001926	2	Plug, Pipe (With O-Ring)	
31	4640741	1	Valve, Motor Control	
33	See Note	NSS	Washer, Flat (Note: Use Item 50)	
34	7024135	4	Bolt	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	7024136	1	Seal Kit (Includes Items 1B, 1I, 5, 5A, 11, 12, 15, 26 & 33)	
	7017088	Ref	HYDRAULIC MOTOR ASSEMBLY	B
101	7024382	7	Bolt	
102	7004035	1	Cover, End	
103	See Note	NSS	Seal, Commutator (Note: Use Item 150)	
104	See Note	NSS	Seal, Ring (Note: Use Item 150)	
105	7024378	1	Commutator and Ring Assembly	
107	7024379	1	Manifold	
108	7024383	1	Rotor Set	
108	See Note	NSS	Rotor (Note: Use p/n 7024383)	
108	See Note	NSS	Stator (Note: Use p/n 7024383)	
108	See Note	NSS	Vane (Note: Use p/n 7024383)	
109	7024380	1	Plate, Wear	
110	7024384	1	Link, Drive	
112	7024386	1	Shaft, Coupling	
113	7024381	1	Bushing, Bronze	
114	7004043	2	Thrustwasher	
115	7004044	1	Bearing, Thrust	
116	See Note	NSS	Seal, Inner (Note: Use Item 150)	
117	See Note	NSS	Washer, Back-up (Note: Use Item 150)	
118	7024385	1	Housing	
118A	See Note	NSS	O-Ring (Note: Use Item 150)	
121	7010795	2	Plug	
122	7024387	2	O-Ring	
123	7024388	2	Spring	
124	7017088	1	Valve (Note: Not Available for Purchase)	
125	See Note	NSS	Washer, Back-up (Note: Use Item 150)	
150	7024389	1	Seal Kit (Includes Items 103, 104, 116, 117, 118A & 125)	

FIGURE 2-6. TURNTABLE BEARING, STOP AND LUBE INSTALLATION

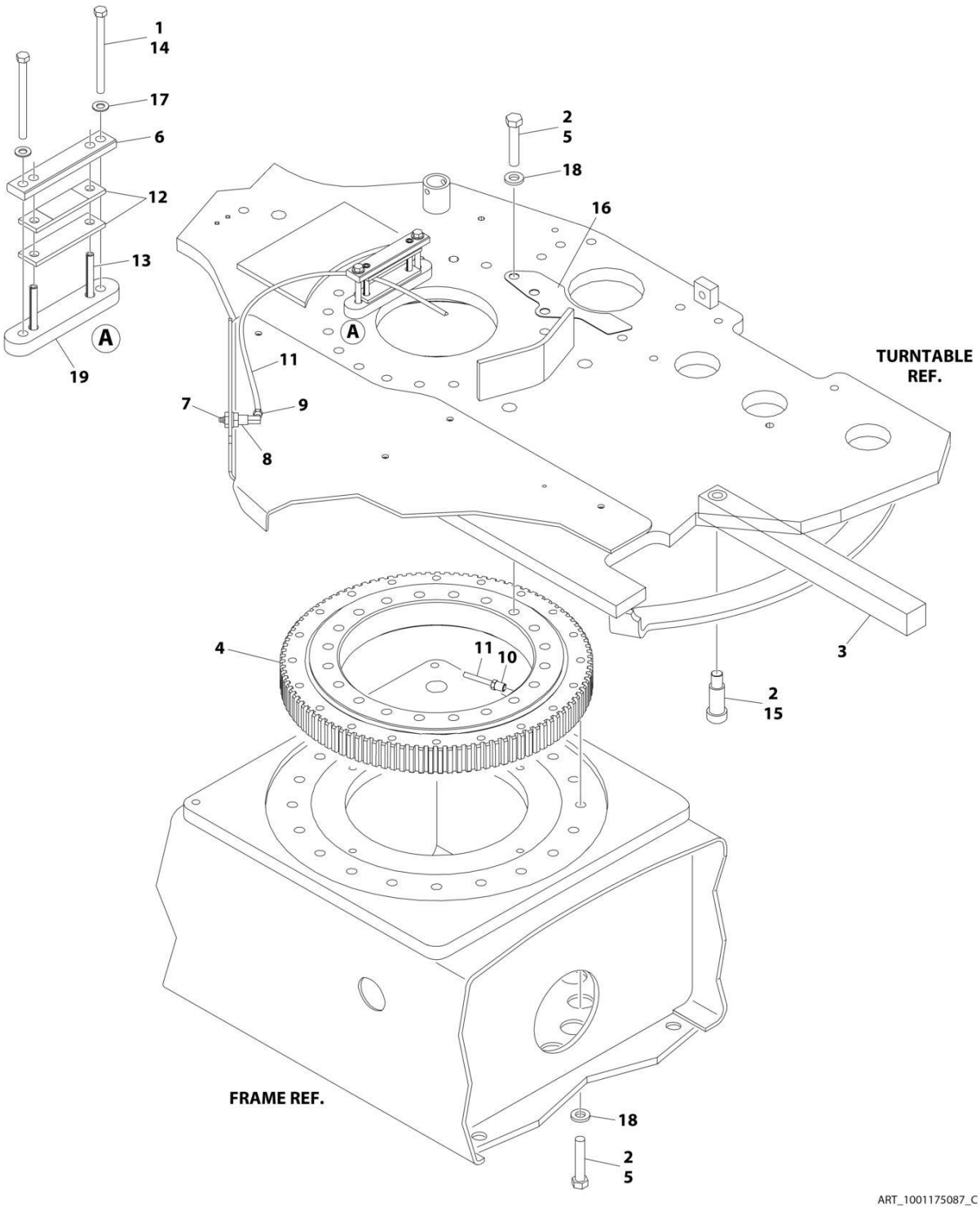


FIGURE 2-6. TURNTABLE BEARING, STOP AND LUBE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175087	Ref	TURNTABLE BEARING, STOP AND LUBE INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0259849	1	Stop, Turntable	
4	0440240	1	Bearing, Turntable	
5	0682026	40	Bolt 5/8 x 3-1/4 Grade 8	
6	1320271	1	Bar, Clamp	
7	2160002	1	Fitting, Grease	
8	2180344	1	Fitting, Bulkhead	
9	2220063	1	Fitting, Adapter	
10	2220273	1	Fitting, Reducer	
11	2751095	1	Hose	
12	1001152708	2	Pad, Rubber	
13	3441260	2	Rollpin	
14	3900262	2	Capscrew 3/8 x 4-3/4	
15	3900284	1	Screw, Shoulder	
16	4071010	1	Shim	
17	4711600	2	Washer 3/8	
18	4892000	40	Washer 5/8	
19	1001175088	1	Clamp, Hose Protector	

FIGURE 2-7. TURNTABLE LOCK INSTALLATION

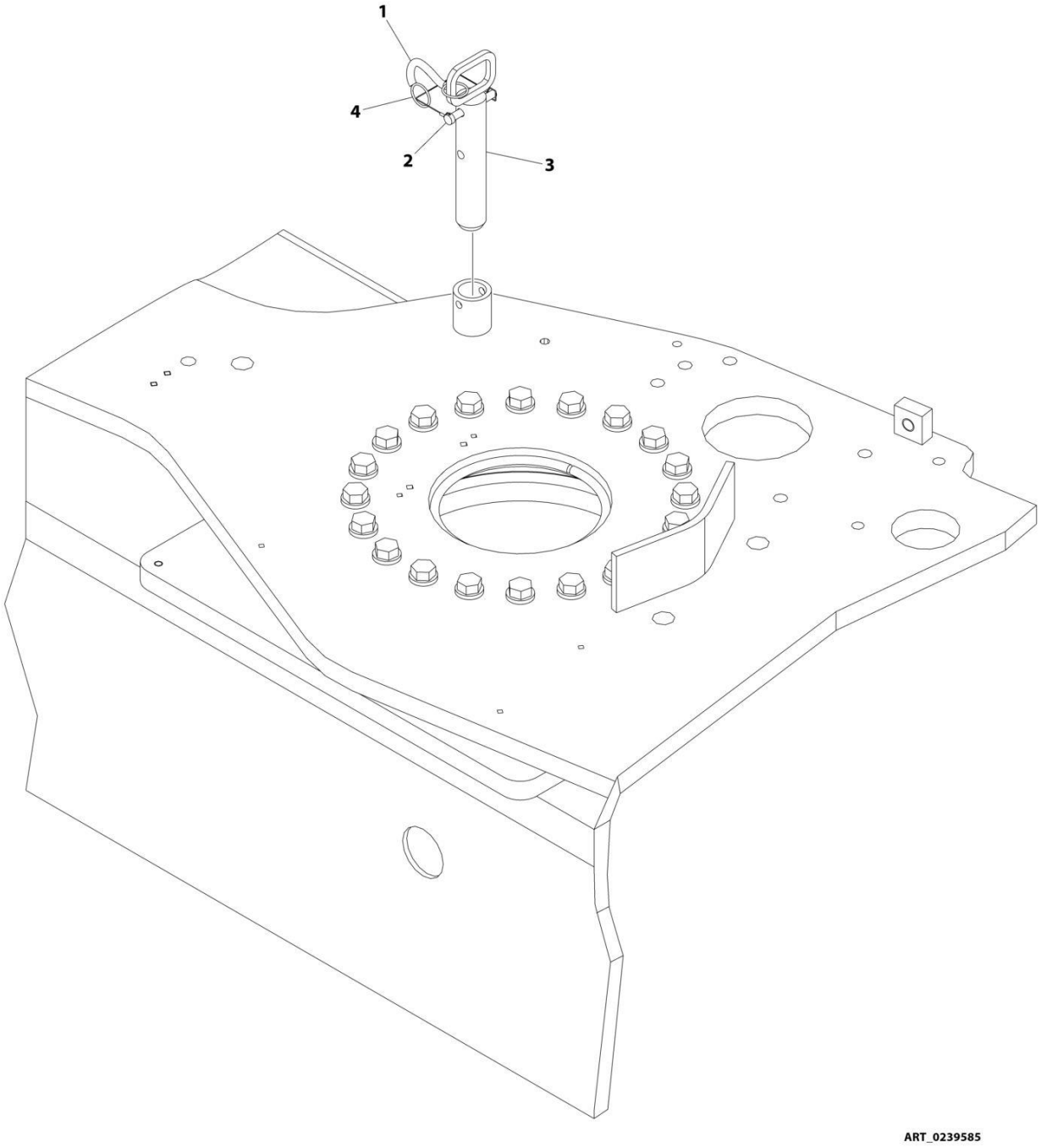


FIGURE 2-7. TURNTABLE LOCK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0239585	Ref	TURNTABLE LOCK INSTALLATION	D
1	1260017	9 in/23cm	Chain	
2	3421565	1	Pin, Snap	
3	1001169582	1	Pin, Lock	
4	3760170	2	Ring, Quick Release	

FIGURE 2-8. DRIVE ORIENTATION INSTALLATION

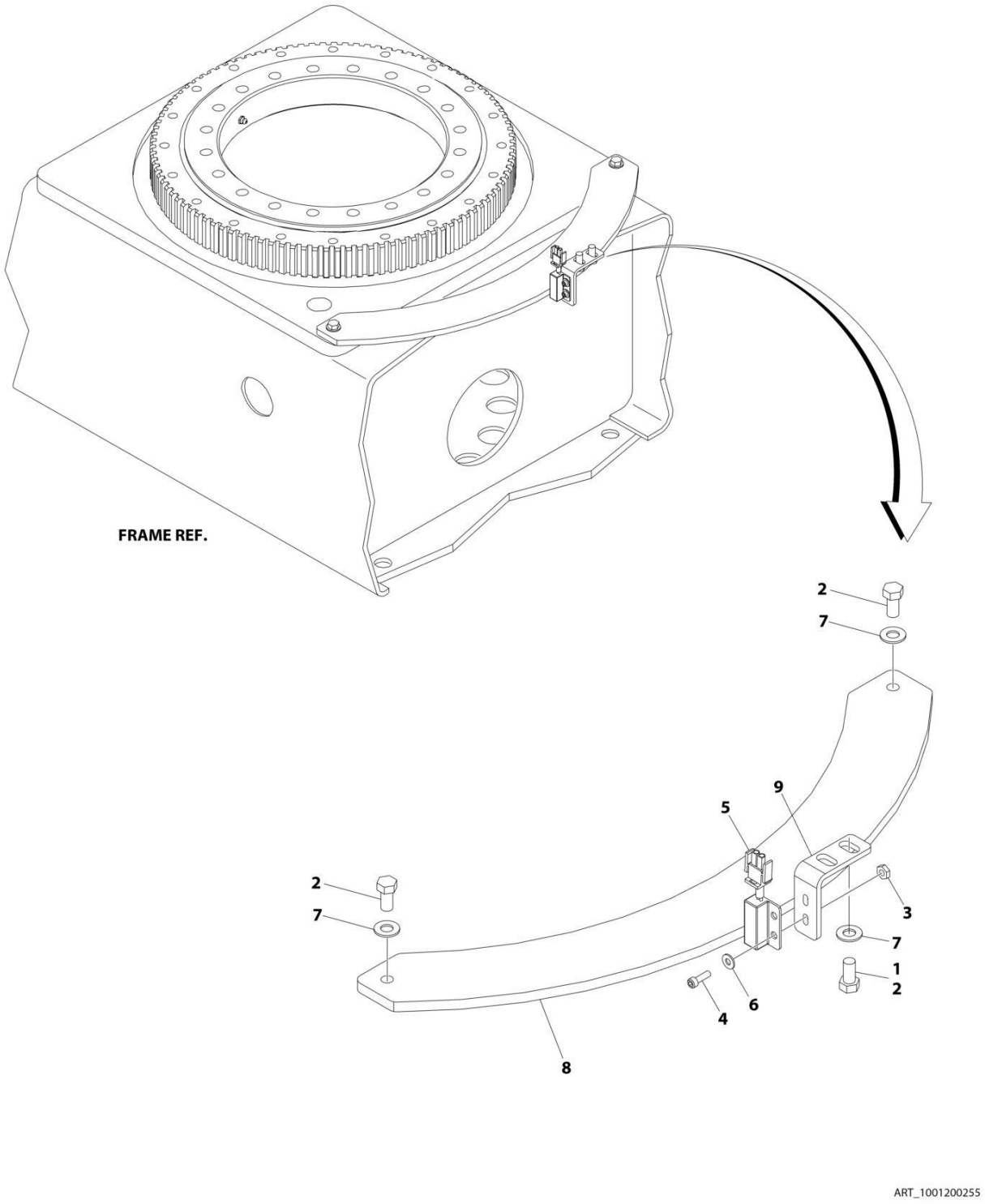


FIGURE 2-8. DRIVE ORIENTATION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200255	Ref	DRIVE ORIENTATION INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641606	4	Bolt 3/8 x 3/4	
3	3311005	2	Nut #10	
4	3931010	2	Capscrew #10 x 5/8	
5	4360517	1	Switch, Proximity	
6	4711000	2	Washer #10	
7	4711600	4	Washer 3/8	
8	1001116031	1	Cam	
9	1001116106	1	Bracket, Switch Mounting	

FIGURE 2-9. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (NON-UL SPECS)

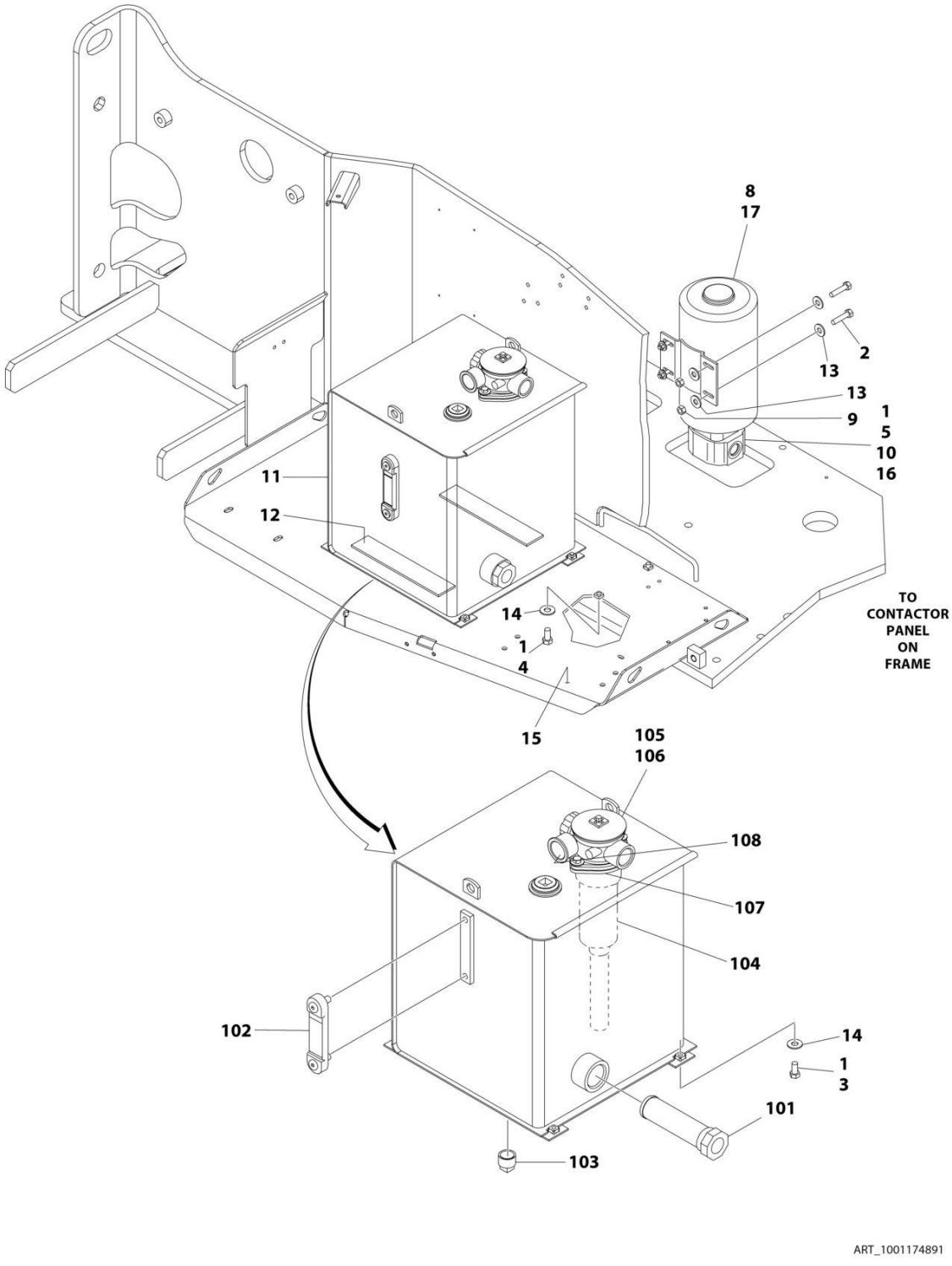


FIGURE 2-9. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (NON-UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001174891	Ref	HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0641511	4	Bolt 5/16 x 1-3/8	
3	0641606	4	Bolt 3/8 x 3/4	
4	0641614	7	Bolt 3/8 x 1-3/4	
5	0700812	2	Bolt M8 x 25	
8	3160252	1	Electricity Motor Assembly (See Separate Breakdown in this Section)	
9	3311505	4	Nut 5/16	
10	3600310	1	Pump Assembly (Note: Seal Kit is the only available replacement part)	
10	7024056	1	Seal Kit - 3600310 Pump	
11	4400455	1	Tank Assembly - Hydraulic (See Items 101-108 for Breakdown)	
12	4420038	30 in /76cm	Tape, Rubber	
13	4751500	8	Washer 5/16	
14	4751600	11	Washer 3/8	
15	4846178	1	Tray	
16	4891500	2	Washer 5/16	
17	3020037	AR	Grease, Coupling	
	4400455	Ref	HYDRAULIC TANK ASSEMBLY	E
101	7026121	1	Strainer, Suction	
102	7024441	1	Gauge, Level Indicator	
103	7024446	1	Plug, Magnetic	
104	7023268	1	Filter with Pressure Switch	
104	7023224	1	Element, Filter	
105	7023268	1	Breather with Pressure Switch	
105	7023269	1	Element, Breather	
106	7023306	1	Seal, Cover Plate	
107	7023347	1	Gasket	
108	7023270	1	Gauge, Indicator	

FIGURE 2-10. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)

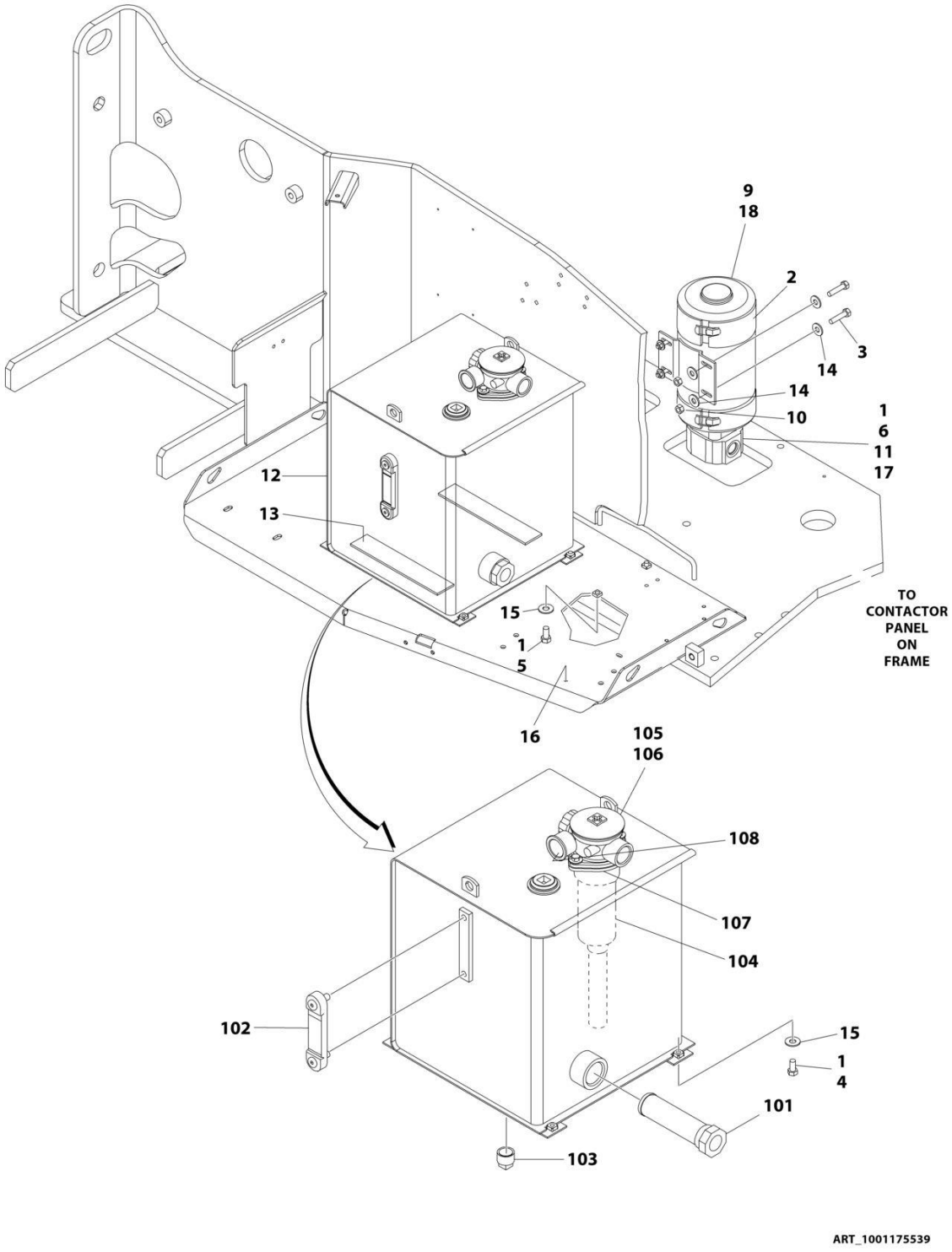


FIGURE 2-10. HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001175539	Ref	HYDRAULIC TANK AND PUMP/MOTOR INSTALLATION (UL SPECS)	F
1	0100011	AR	Compound, Locking	
2	0340049	1	Pump Motor Band Kit	
3	0641511	4	Bolt 5/16 x 1-3/8	
4	0641606	4	Bolt 3/8 x 3/4	
5	0641614	7	Bolt 3/8 x 1-3/4	
6	0700812	2	Bolt M8 x 25	
9	3160252	1	Electricity Motor Assembly (See Separate Breakdown in this Section)	
10	3311505	4	Nut 5/16	
11	3600310	1	Pump Assembly (Note: Seal Kit is only available service part)	
11	7024056	1	Seal Kit - 3600310 Pump	
12	4400455	1	Tank Assembly - Hydraulic (See Items 101-108 for Breakdown)	
13	4420038	30 in /76cm	Tape, Rubber	
14	4751500	8	Washer 5/16	
15	4751600	11	Washer 3/8	
16	4846178	1	Tray Weldment	
17	4891500	2	Washer 5/16	
18	3020037	AR	Grease, Coupling	
	4400455	Ref	HYDRAULIC TANK ASSEMBLY	E
101	7026121	1	Strainer, Suction	
102	7024441	1	Gauge, Level Indicator	
103	7024446	1	Plug, Magnetic	
104	7023268	1	Filter with Pressure Switch	
104	7023224	1	Element, Filter	
105	7023268	1	Breather with Pressure Switch	
105	7023269	1	Element, Breather	
106	7023306	1	Seal, Cover Plate	
107	7023347	1	Gasket	
108	7023270	1	Gauge, Indicator	

FIGURE 2-11. ELECTRIC MOTOR ASSEMBLY

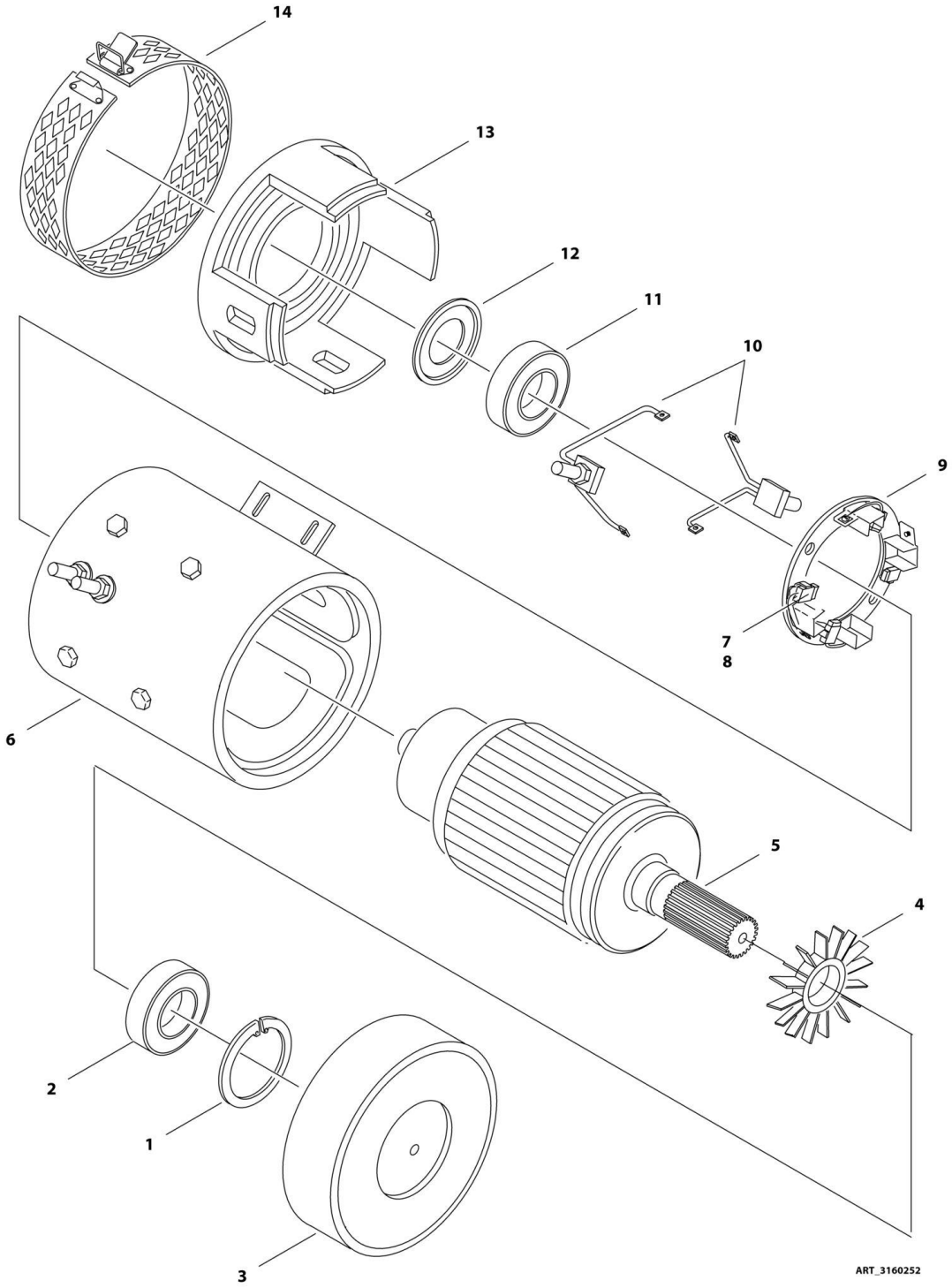


FIGURE 2-11. ELECTRIC MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3160252	Ref	MOTOR ASSEMBLY	C
1	7020291	1	Ring, Retaining	
2	7020292	1	Bearing (Shaft End)	
3	7020293	1	Endhead, Shaft	
4	7020294	1	Fan	
5	7020295	1	Armature Assembly	
6	7020296	1	Field Coil/Case Kit	
7	7012548	8	Spring, Brush	
8	7020297	8	Brush	
9	7020298	1	Box Assembly - Brush	
10	7020299	1	Lead Kit, Brush Wire	
11	7012545	1	Bearing (Commutator End)	
12	7012549	1	Washer	
13	7023200	1	Endhead, Commutator	
14	7023272	1	Headband Assembly	

FIGURE 2-12. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH STANDARD BATTERIES (H600SJ/H600SJP)

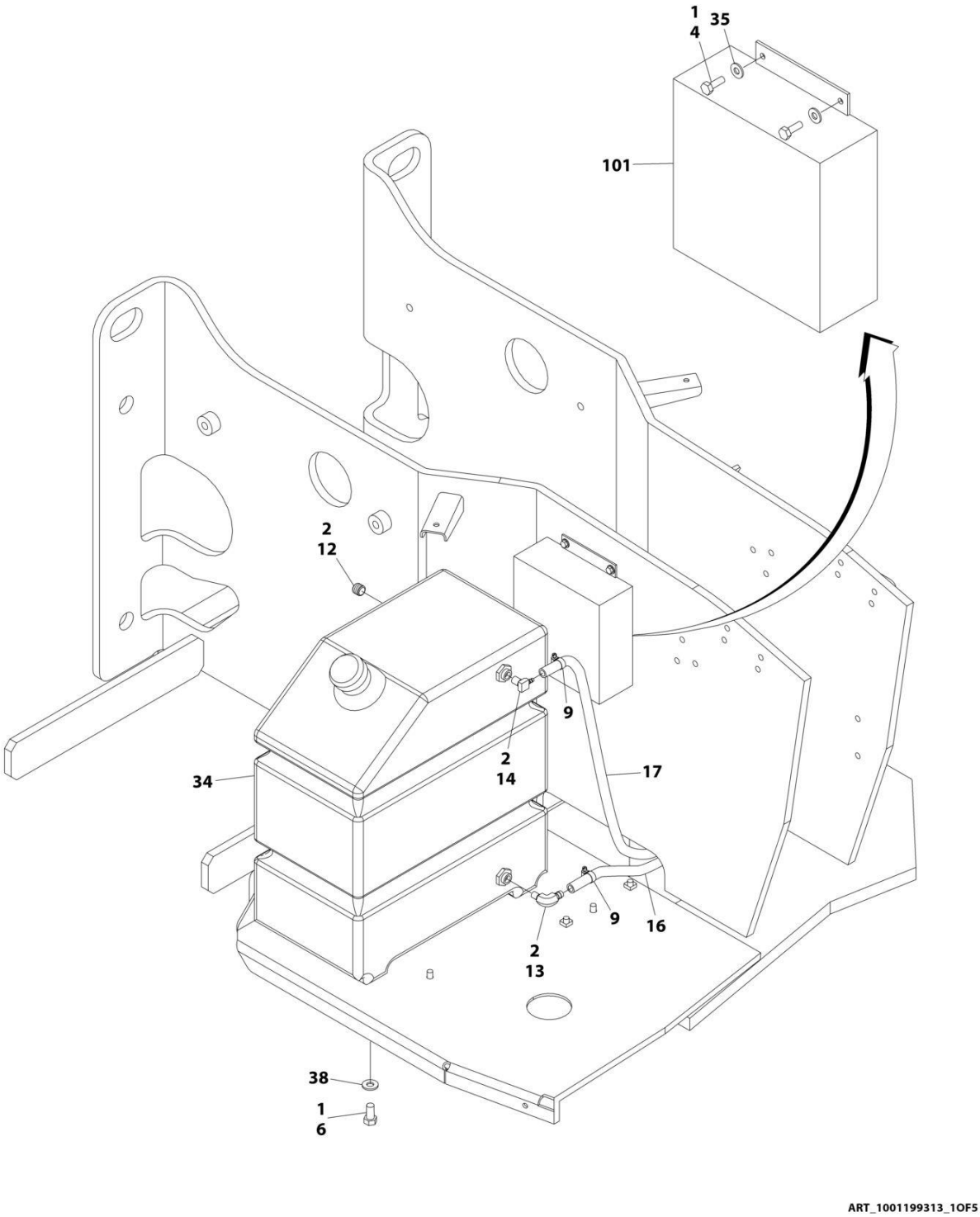


FIGURE 2-12. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH STANDARD BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	FUEL TANK AND MODULE INSTALLATION	G
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
4	0641406	4	Bolt 1/4 x 3/4	
6	0641606	4	Bolt 3/8 x 3/4	
9	1320022	2	Clamp, Hose	
12	2200222	2	Plug, Pipe	
13	2221046	1	Fitting, Elbow Barbed	
14	2221047	1	Fitting, Elbow Barbed	
16	2720058	AR	Hose, Fuel Line	
17	2720271	AR	Hose, Fuel Line	
34	4400430	1	Tank, Fuel	
201	7020257	1	Non-Locking Cap	
201	7016649	1	Seal, Cap	
35	4711400	4	Washer 1/4	
38	4751600	4	Washer 3/8	
101	70000326	1	Module, Contactor (Kubota Engine)	
101	70000328	1	Harness, Module (Not Shown)	

FIGURE 2-13. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP)

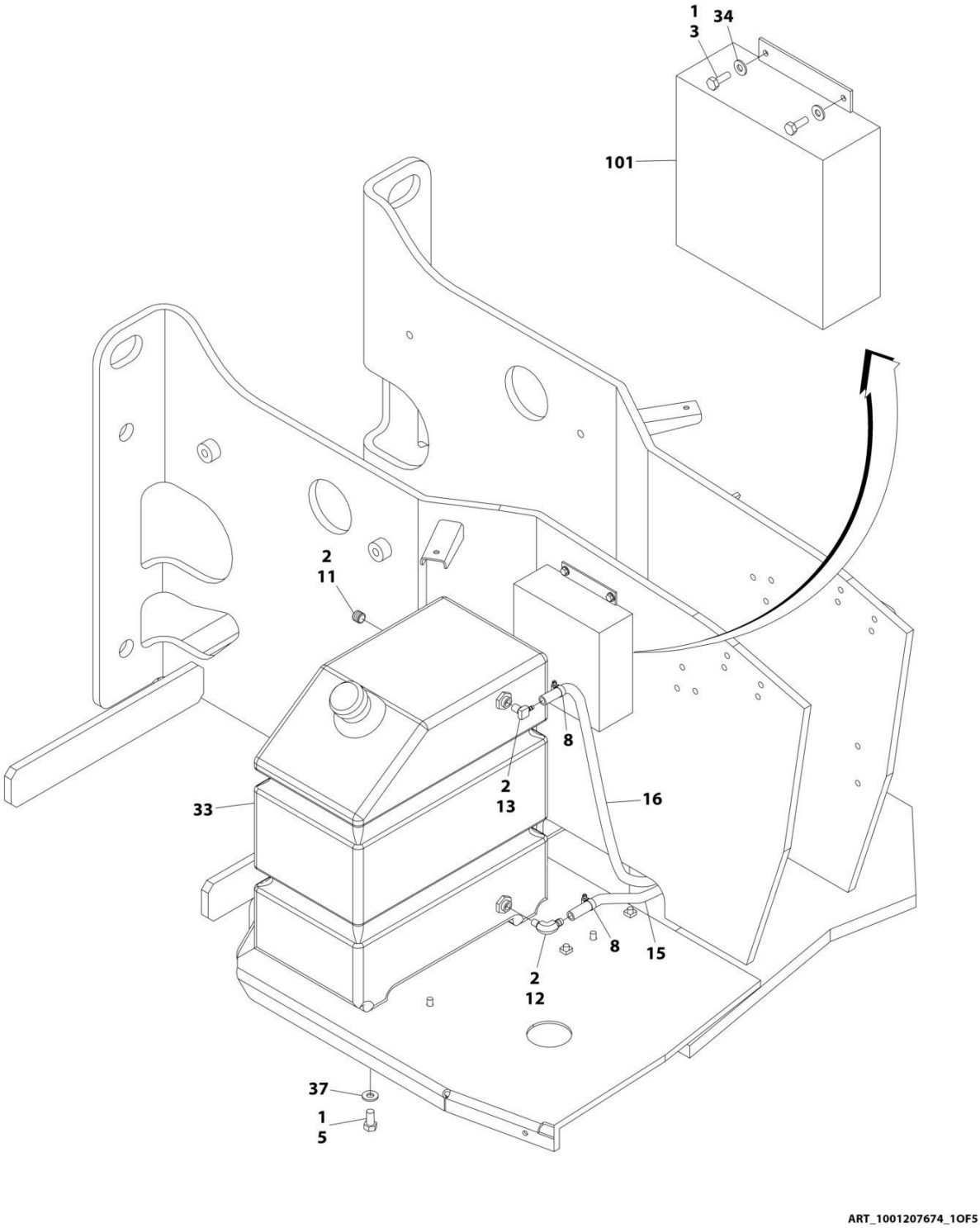


FIGURE 2-13. FUEL TANK AND ENGINE MODULE INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	FUEL TANK AND MODULE INSTALLATION - WITH AGM BATTERIES	F
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0641406	4	Bolt 1/4 x 3/4	
5	0641606	4	Bolt 3/8 x 3/4	
8	1320022	2	Clamp, Hose	
11	2200222	2	Plug, Pipe	
12	2221046	1	Fitting, Elbow Barbed	
13	2221047	1	Fitting, Elbow Barbed	
15	2720058	AR	Hose, Fuel Line	
16	2720271	AR	Hose, Fuel Line	
33	4400430	1	Tank, Fuel	
33	7020257	1	Non-Locking Cap (Supplied with Tank)	
33	7016649	1	Seal, Cap	
34	4711400	4	Washer 1/4	
37	4751600	4	Washer 3/8	
101	70000326	1	Module, Contactor (Kubota Engine)	
101	70000328	1	Module Harness (Not Shown)	

FIGURE 2-14. BATTERY CHARGER INSTALLATION - 110V/60HZ SMART CHARGER (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

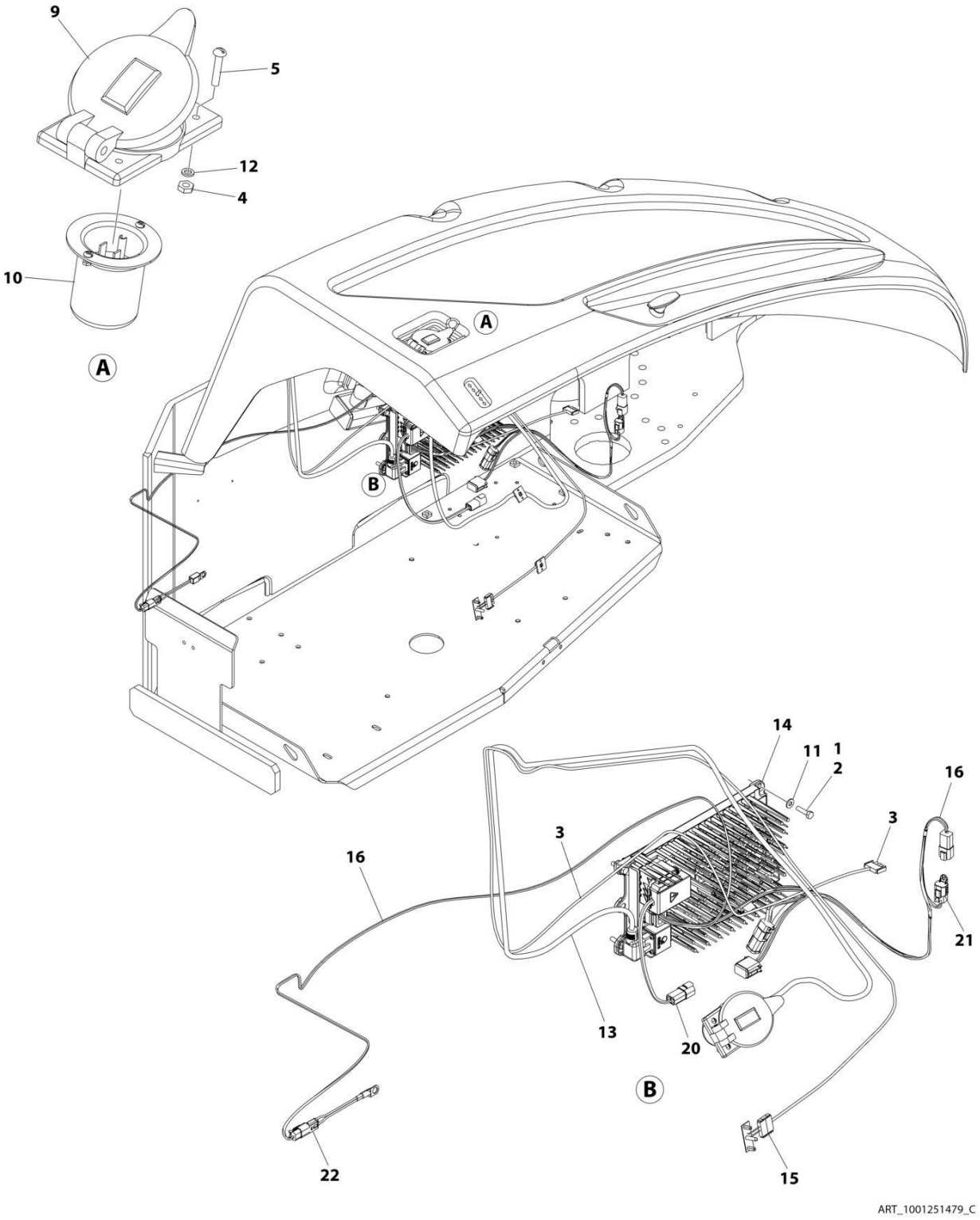


FIGURE 2-14. BATTERY CHARGER INSTALLATION - 110V/60HZ SMART CHARGER (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251479	Ref	BATTERY CHARGER INSTALLATION - 110V/60HZ	C
1	0100011	AR	Compound, Locking	
2	0641408	4	Bolt 1/4 x 1	
3	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
4	3311001	4	Nut #10	
5	3911016	4	Screw #10 x 1	
6	4240032	AR	Tie-Strap (Not Shown)	
7	4240033	AR	Tie-Strap (Not Shown)	
8	4460234	AR	Mount, Tie-Strap (Not Shown)	
9	4460802	1	Cover, Terminal	
10	4460803	1	Terminal, Plug	
11	4711400	4	Washer 1/4	
12	4761000	4	Washer #10	
13	1001289899	1	AC Cord Cable	
14	1001251382	1	Charger	
15	1001259489	1	Lamp, Battery Charger	
16	1001289963	1	Harness, Charger (See Separate Breakdown in ELECTRICAL Section)	
20	1001260408	1	Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section)	
21	1001192401	1	Cap, Dust	
22	1001225131	1	Harness, Temperature Sensor	

FIGURE 2-15. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ SMART CHARGER (ALL SPECS EXCEPT UL SPECS)

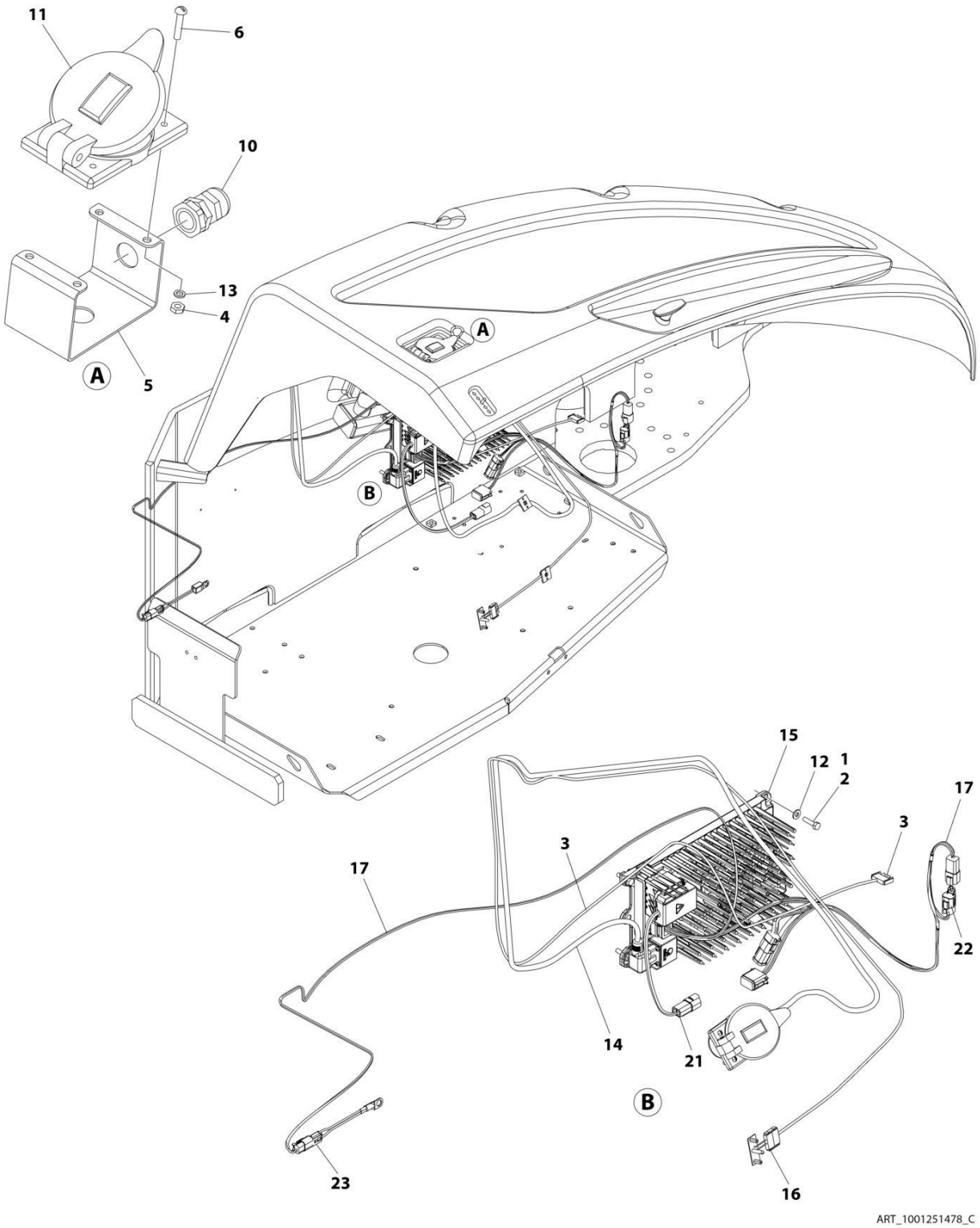


FIGURE 2-15. BATTERY CHARGER INSTALLATION - 120V-230V/45-65HZ SMART CHARGER (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251478	Ref	BATTERY CHARGER INSTALLATION - 120-230V/45-65HZ	C
1	0100011	AR	Compound, Locking	
2	0641408	4	Bolt 1/4 x 1	
3	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
4	3311001	4	Nut #10	
5	3571584	1	Plate, Mounting	
6	3911016	4	Screw #10 x 1	
7	4240032	AR	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460234	AR	Mount, Tie-Strap (Not Shown)	
10	4460428	1	Connector, Strain Relief	
11	4460802	1	Cover, Terminal	
12	4711400	4	Washer 1/4	
13	4761000	4	Washer #10	
14	1001289899	1	AC Cord Cable	
15	1001251382	1	Charger	
16	1001259489	1	Lamp, Battery Charger LED	
17	1001289963	1	Harness, Charger (See Separate Breakdown in ELECTRICAL Section)	
21	1001260408	1	Harness, Charger DC Connection (See Separate Breakdown in ELECTRICAL Section)	
22	1001192401	1	Cap, Dust	
23	1001225131	1	Harness, Temperature Sensor	

FIGURE 2-16. BATTERY CHARGER INSTALLATION - 250V/50HZ SMART CHARGER (ANSI EXPORT, CE, AUSTRALIAN AND CHINA SPECS)

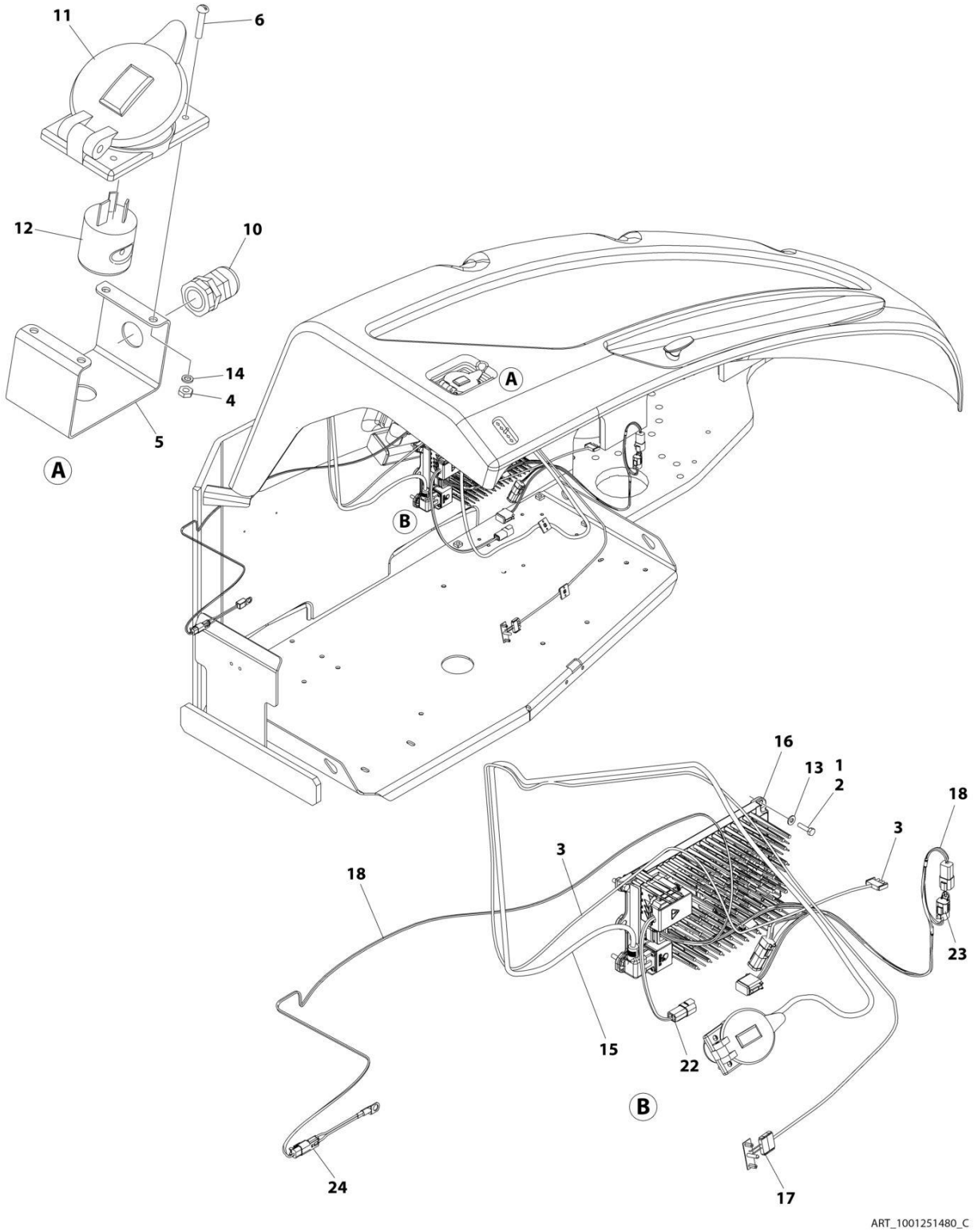


FIGURE 2-16. BATTERY CHARGER INSTALLATION - 250V/50HZ SMART CHARGER (ANSI EXPORT, CE, AUSTRALIAN AND CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251480	Ref	BATTERY CHARGER INSTALLATION - 250V/50HZ	C
1	0100011	AR	Compound, Locking	
2	0641408	4	Bolt 1/4 x 1	
3	1060813	1	Cable, LED (See Separate Breakdown in ELECTRICAL Section)	
4	3311001	4	Nut #10	
5	3571584	1	Plate, Mounting	
6	3911016	4	Screw #10 x 1	
7	4240032	AR	Tie-Strap (Not Shown)	
8	4240033	AR	Tie-Strap (Not Shown)	
9	4460234	AR	Mount, Tie-Strap (Not Shown)	
10	4460428	1	Connector, Strain Relief	
11	4460802	1	Cover, Terminal	
12	4460805	1	Terminal, Plug	
13	4711400	4	Washer 1/4	
14	4761000	4	Washer #10	
15	1001289899	1	AC Cord Cable	
16	1001251382	1	Charger	
17	1001259489	1	Lamp, Battery Charger	
18	1001289963	1	Harness, Charger (See Separate Breakdown in ELECTRICAL Section)	
22	1001260408	1	Harness, Charger DC connection (See Separate Breakdown in ELECTRICAL Section)	
23	1001192401	1	Cap, Dust	
24	1001225131	1	Harness, Temperature Sensor	

FIGURE 2-17. BATTERY CHARGER INSTALLATION - GREEN POWER CHARGER

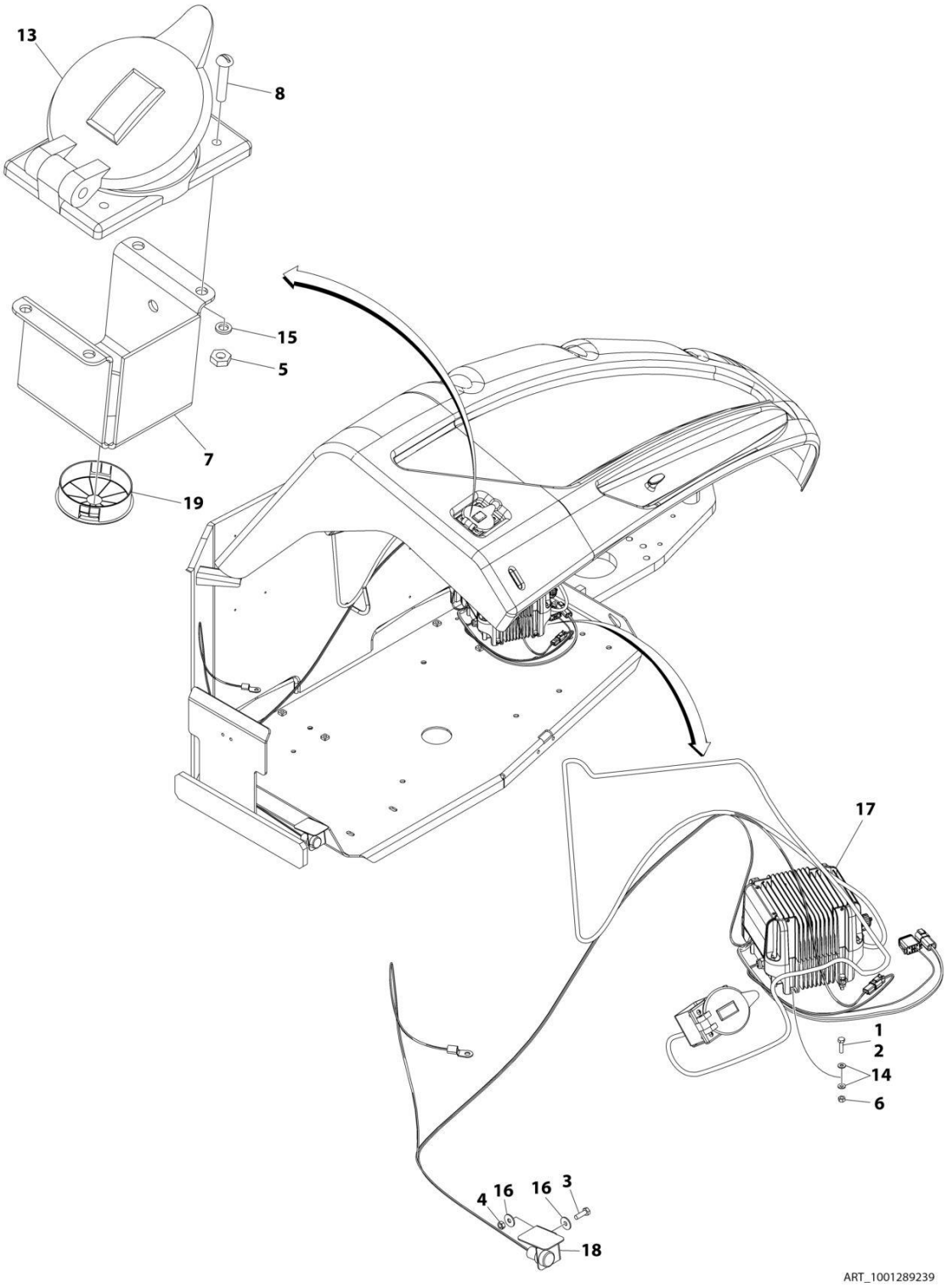


FIGURE 2-17. BATTERY CHARGER INSTALLATION - GREEN POWER CHARGER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289239	Ref	BATTERY CHARGER INSTALLATION - GREEN POWER CHARGER	B
1	0100011	AR	Compound, Locking	
2	0641408	3	Bolt 1/4 x 1	
3	0760812	1	Bolt M8 x 25	
4	3290801	1	Nut M8	
5	3311001	4	Nut #10	
6	3311401	3	Nut 1/4in-20NC	
7	1001290662	1	Plate, Mounting	
8	3911016	4	Screw #10 x 1	
9	4240032	2	Tie-Strap (Not Shown)	
10	4240033	AR	Tie-Strap (Not Shown)	
11	4460234	2	Mount, Tie-Strap (Not Shown)	
13	4460802	1	Cover, Terminal	
14	4711200	6	Washer #12	
15	4761000	4	Washer #10	
16	4811902	2	Washer M8	
17	1001281178	1	Charger	
18	1001284290	1	Bracket	
19	1001185281	1	Plug	

FIGURE 2-18. BATTERY BOX INSTALLATION - METAL LATCH - STANDARD BATTERIES (415 AMP HOUR)

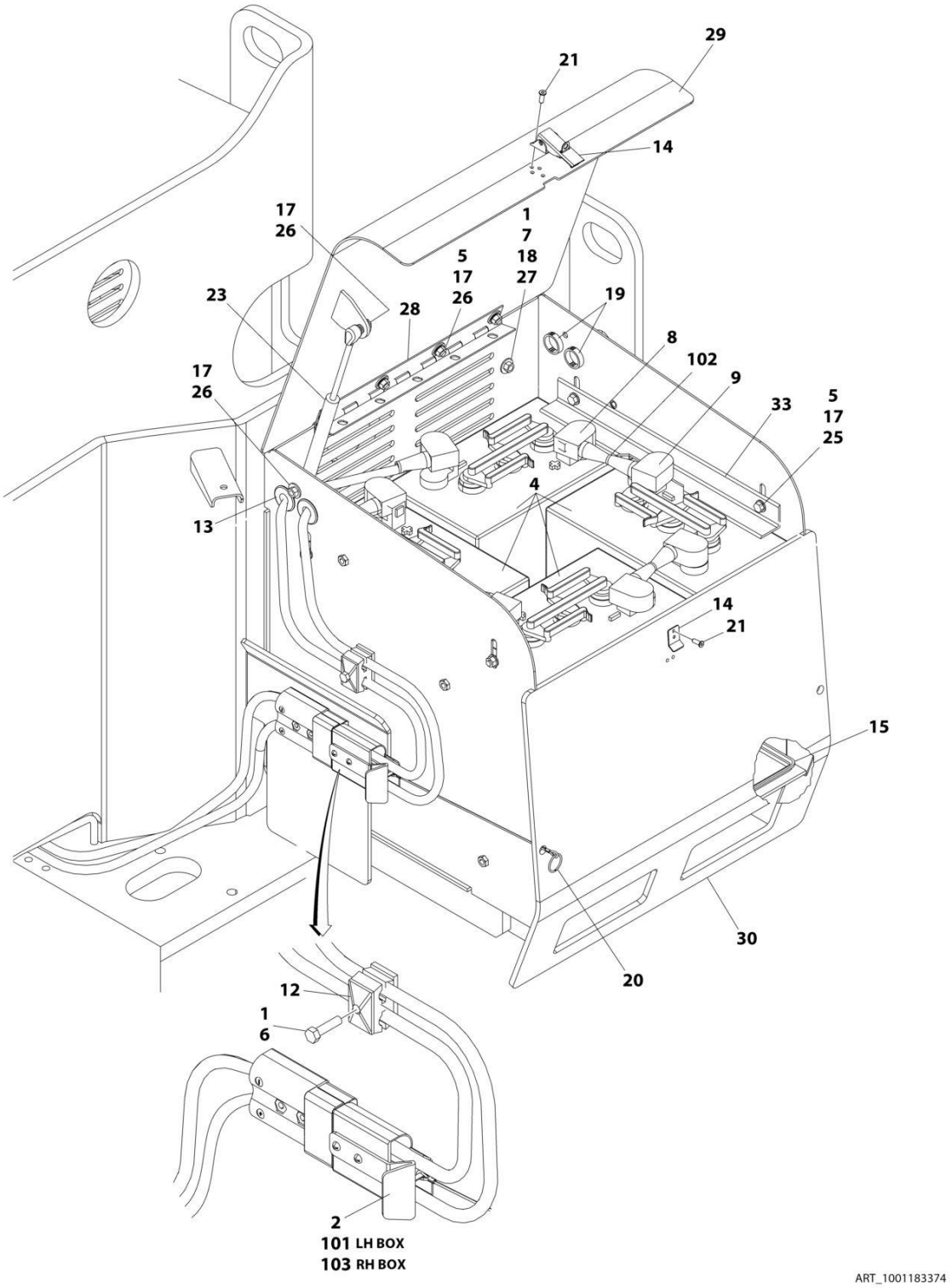


FIGURE 2-18. BATTERY BOX INSTALLATION - METAL LATCH - STANDARD BATTERIES (415 AMP HOUR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183374	Ref	BATTERY BOX INSTALLATION (UL SPECS)	D
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
4	0400202	8	Battery	
5	0641506	26	Bolt 5/16 x 3/4	
6	0641510	2	Bolt 5/16 x 1-1/4	
7	0641820	4	Bolt 1/2 x 2-1/2	
8	0840031	8	Boot, Terminal (d Shaped)	
9	0840032	8	Boot, Terminal (b Shaped)	
12	1320159	2	Clamp	
13	2540020	4	Grommet	
14	2940130	2	Latch (Lockable)	
15	3000014	2	Liner, Battery Box	
17	3311505	30	Nut 5/16	
18	3311801	4	Nut 1/2	
19	3520031	4	Plug, Hole	
20	3760170	2	Ring, Split	
21	3820017	8	Rivet	
23	1001233560	2	Spring, Gas	
25	4711500	16	Washer 5/16	
26	4751500	40	Washer 5/16	
27	4751800	8	Washer 1/2	
28	1001096148	2	Hinge	
29	1001172260	2	Lid, Battery Box	
30	1001172876	2	Box, Battery	
31	1001176711	1	Sensor, Temperature (Not Shown - Located in LH Side Battery Box)	
33	1001179842	4	Angle, Hold-Down	
100	1001205056	1	Battery Cable Kit (Includes Items 101-103)	
101	1060803	1	Cable Assembly - Battery Box Internal (LH Side) (See Separate Breakdown in ELECTRICAL Section)	
102	1060848	6	Cable, Battery (Terminal to Terminal)	
103	1001194037	1	Cable Assembly - Battery Box Internal (RH Side) (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-19. BATTERY BOX INSTALLATION - RUBBER LATCH - STANDARD BATTERIES (415 AMP HOUR)

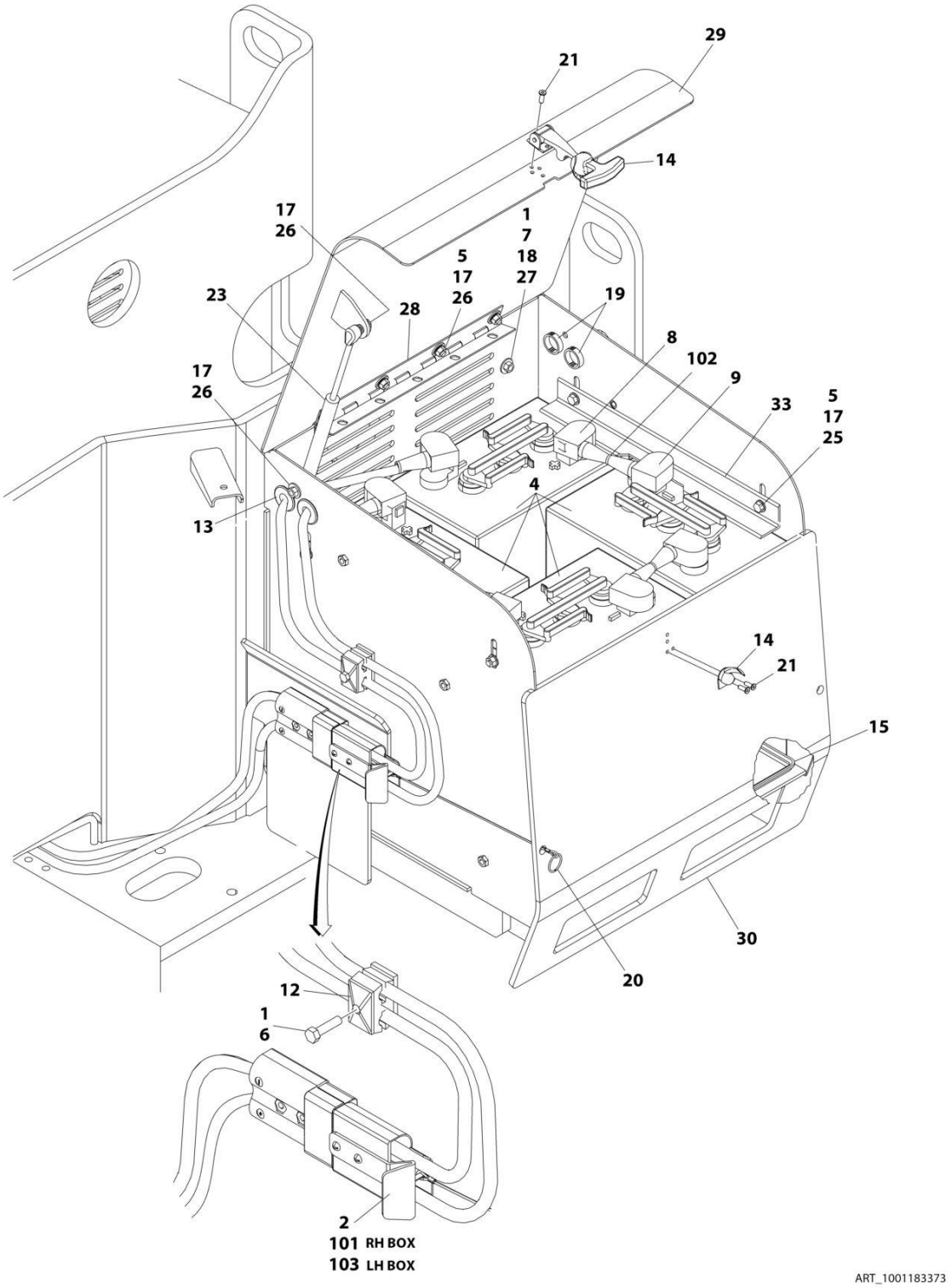


FIGURE 2-19. BATTERY BOX INSTALLATION - RUBBER LATCH - STANDARD BATTERIES (415 AMP HOUR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183373	Ref	BATTERY BOX INSTALLATION - STANDARD BATTERIES	D
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
4	0400202	8	Battery	
5	0641506	26	Bolt 5/16 x 3/4	
6	0641510	2	Bolt 5/16 x 1-1/4	
7	0641820	4	Bolt 1/2 x 2-1/2	
8	0840031	8	Boot, Terminal (d Shaped)	
9	0840032	8	Boot, Terminal (b Shaped)	
12	1320159	2	Clamp	
13	2540020	4	Grommet	
14	2940095	2	Latch	
15	3000014	2	Liner, Battery Box	
17	3311505	30	Nut 5/16	
18	3311801	4	Nut 1/2	
19	3520031	4	Plug, Hole	
20	3760170	2	Ring, Split	
21	3820017	8	Rivet	
23	1001233560	2	Spring, Gas	
25	4711500	16	Washer 5/16	
26	4751500	40	Washer 5/16	
27	4751800	8	Washer 1/2	
28	1001096148	2	Hinge	
29	1001172260	2	Lid, Battery Box	
30	1001172876	2	Box, Battery	
31	1001176711	1	Sensor, Temperature (Not Shown - Located in LH Side Battery Box)	
33	1001179842	4	Angle, Hold-Down	
100	1001205056	1	Battery Cable Kit (Includes Items 101-103)	
101	1060803	1	Cable Assembly - Battery Box Internal (RH Side) (See Separate Breakdown in ELECTRICAL Section)	
102	1060848	6	Cable, Battery (Terminal to Terminal)	
103	1001194037	1	Cable Assembly - Battery Box Internal (LH Side) (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-20. BATTERY BOX INSTALLATION - METAL LATCH - AGM BATTERIES (390 AMP HOUR)

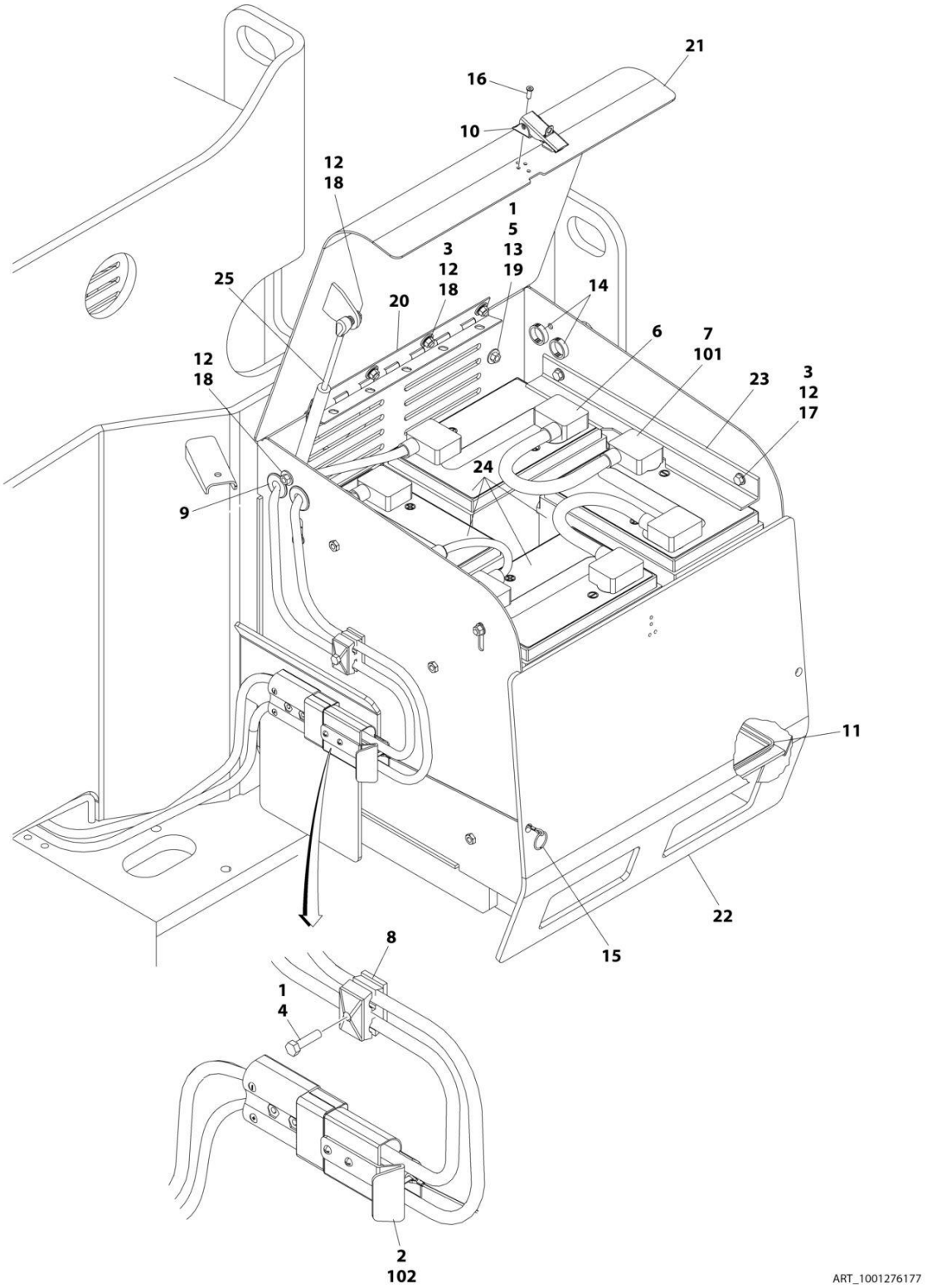


FIGURE 2-20. BATTERY BOX INSTALLATION - METAL LATCH - AGM BATTERIES (390 AMP HOUR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276177	Ref	BATTERY BOX INSTALLATION - AGM BATTERIES	A
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0641506	26	Bolt 5/16 x 3/4	
4	0641510	2	Bolt 5/16 x 1-1/4	
5	0641820	4	Bolt 1/2 x 2-1/2	
6	0840048	8	Boot, Terminal (d Shaped)	
7	0840049	8	Boot, Terminal (b Shaped)	
8	1320159	2	Clamp	
9	2540020	4	Grommet	
10	2940130	2	Latch	
11	3000014	2	Liner, Battery Box	
12	3311505	30	Nut 5/16	
13	3311801	4	Nut 1/2	
14	3520031	4	Plug, Hole	
15	3760170	2	Ring, Split	
16	3820017	8	Rivet	
17	4711500	16	Washer 5/16	
18	4751500	40	Washer 5/16	
19	4751800	8	Washer 1/2	
20	1001096148	2	Hinge	
21	1001172260	2	Lid, Battery Box	
22	1001172876	2	Box, Battery	
23	1001179842	4	Angle, Hold-Down	
24	1001228392	8	Battery	
25	1001233560	2	Spring, Gas	
100	1001228858	1	Battery Cable Kit (Includes Items 101-102)	
101	1001228395	6	Cable, Battery (Terminal to Terminal)	
102	1001228857	2	Cable Assembly - Battery Box Internal (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-21. BATTERY BOX INSTALLATION - RUBBER LATCH - AGM BATTERIES (390 AMP HOUR)

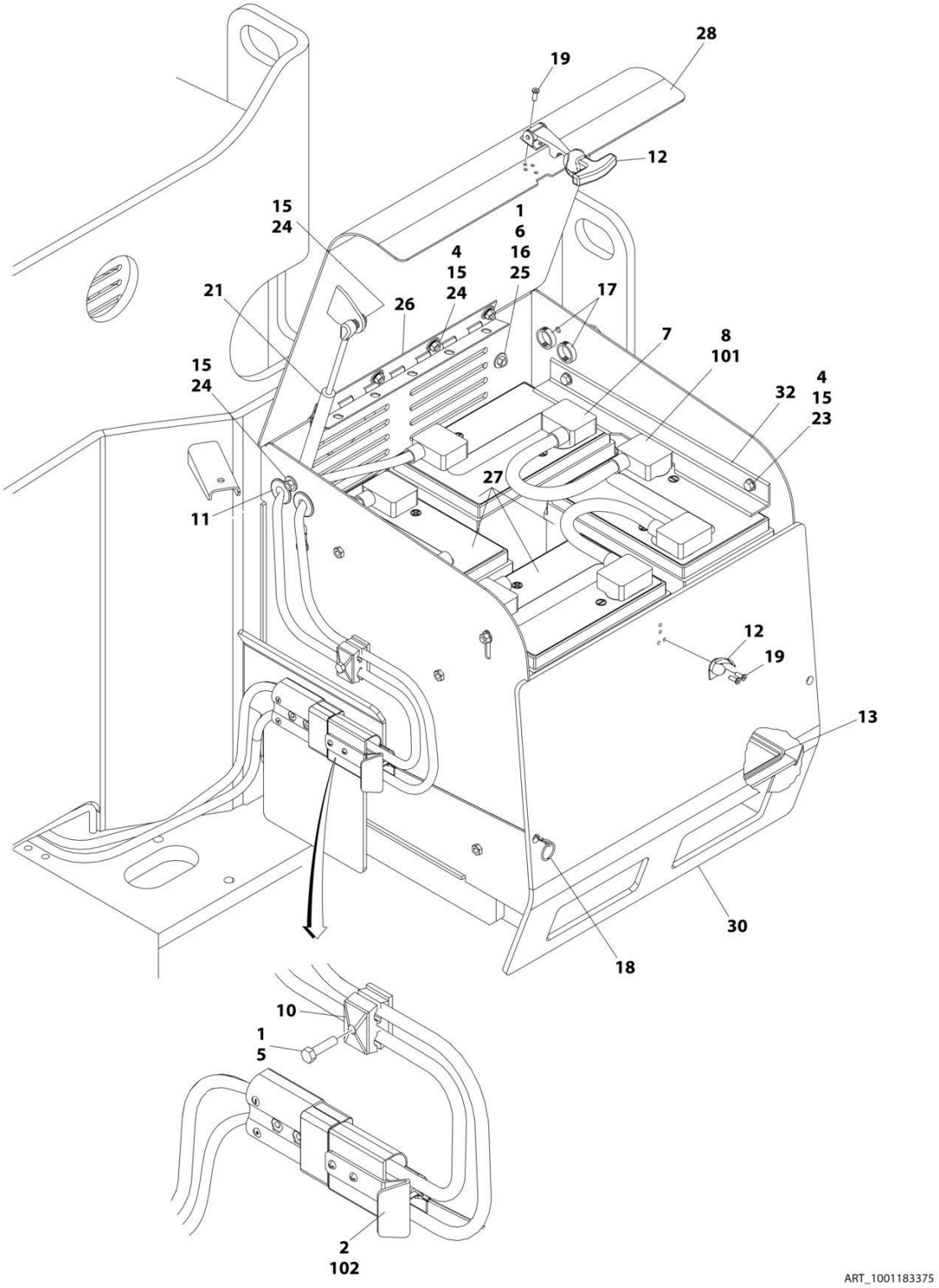


FIGURE 2-21. BATTERY BOX INSTALLATION - RUBBER LATCH - AGM BATTERIES (390 AMP HOUR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183375	Ref	BATTERY BOX INSTALLATION - AGM BATTERIES	E
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
4	0641506	26	Bolt 5/16 x 3/4	
5	0641510	2	Bolt 5/16 x 1-1/4	
6	0641820	4	Bolt 1/2 x 2-1/2	
7	0840048	8	Boot, Terminal (d Shaped)	
8	0840049	8	Boot, Terminal (b Shaped)	
10	1320159	2	Clamp	
11	2540020	4	Grommet	
12	2940095	2	Latch	
13	3000014	2	Liner, Battery Box	
15	3311505	30	Nut 5/16	
16	3311801	4	Nut 1/2	
17	3520031	4	Plug, Hole	
18	3760170	2	Ring, Split	
19	3820017	8	Rivet	
21	1001233560	2	Spring, Gas	
23	4711500	16	Washer 5/16	
24	4751500	40	Washer 5/16	
25	4751800	8	Washer 1/2	
26	1001096148	2	Hinge	
27	1001228392	8	Battery	
28	1001172260	2	Lid, Battery Box	
30	1001172876	2	Box, Battery	
31	1001176711	1	Sensor, Temperature (Not Shown - Located in LH Side Battery Box)	
32	1001179842	4	Angle, Hold-Down	
100	1001228858	1	Battery Cable Kit (Includes Items 101-102)	
101	1001228395	6	Cable, Battery (Terminal to Terminal)	
102	1001228857	2	Cable Assembly - Battery Box Internal (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-22. BATTERY BOX INSTALLATION - RUBBER LATCH - AGM BATTERIES (400 AMP HOUR)

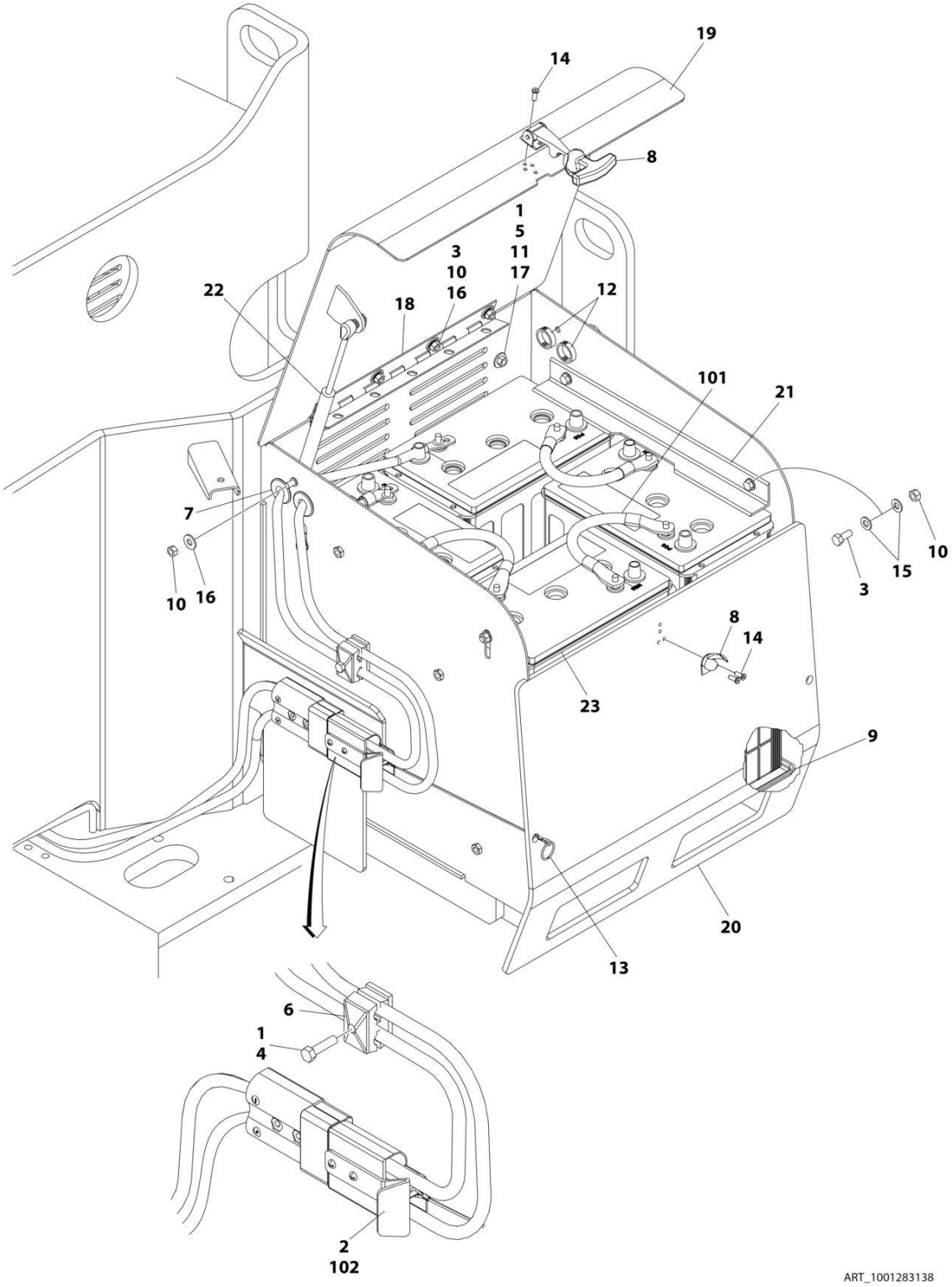


FIGURE 2-22. BATTERY BOX INSTALLATION - RUBBER LATCH - AGM BATTERIES (400 AMP HOUR)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283138	Ref	BATTERY BOX INSTALLATION - AGM BATTERIES	A
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0641506	26	Bolt 5/16 x 3/4	
4	0641510	2	Bolt 5/16 x 1-1/4	
5	0641820	4	Bolt 1/2 x 2-1/2	
6	1320159	2	Clamp	
7	2540020	4	Grommet	
8	2940095	2	Latch	
9	3000014	2	Liner, Battery Box	
10	3311505	30	Nut 5/16	
11	3311801	4	Nut 1/2	
12	3520031	4	Plug, Hole	
13	3760170	2	Ring, Split	
14	3820017	8	Rivet	
15	4711500	16	Washer 5/16	
16	4751500	40	Washer 5/16	
17	4751800	8	Washer 1/2	
18	1001096148	2	Hinge	
19	1001172260	2	Lid, Battery Box	
20	1001172876	2	Box, Battery	
21	1001179842	4	Angle, Hold-Down	
22	1001233560	2	Spring, Gas	
23	1001282350	8	Battery	
100	1001283167	1	Battery Cable Kit (Not Shown - Includes Items 101-102)	
101	1001283168	6	Cable, Battery (Terminal to Terminal)	
102	1001283169	2	Cable Assembly - Battery Box Internal (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-23. GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION

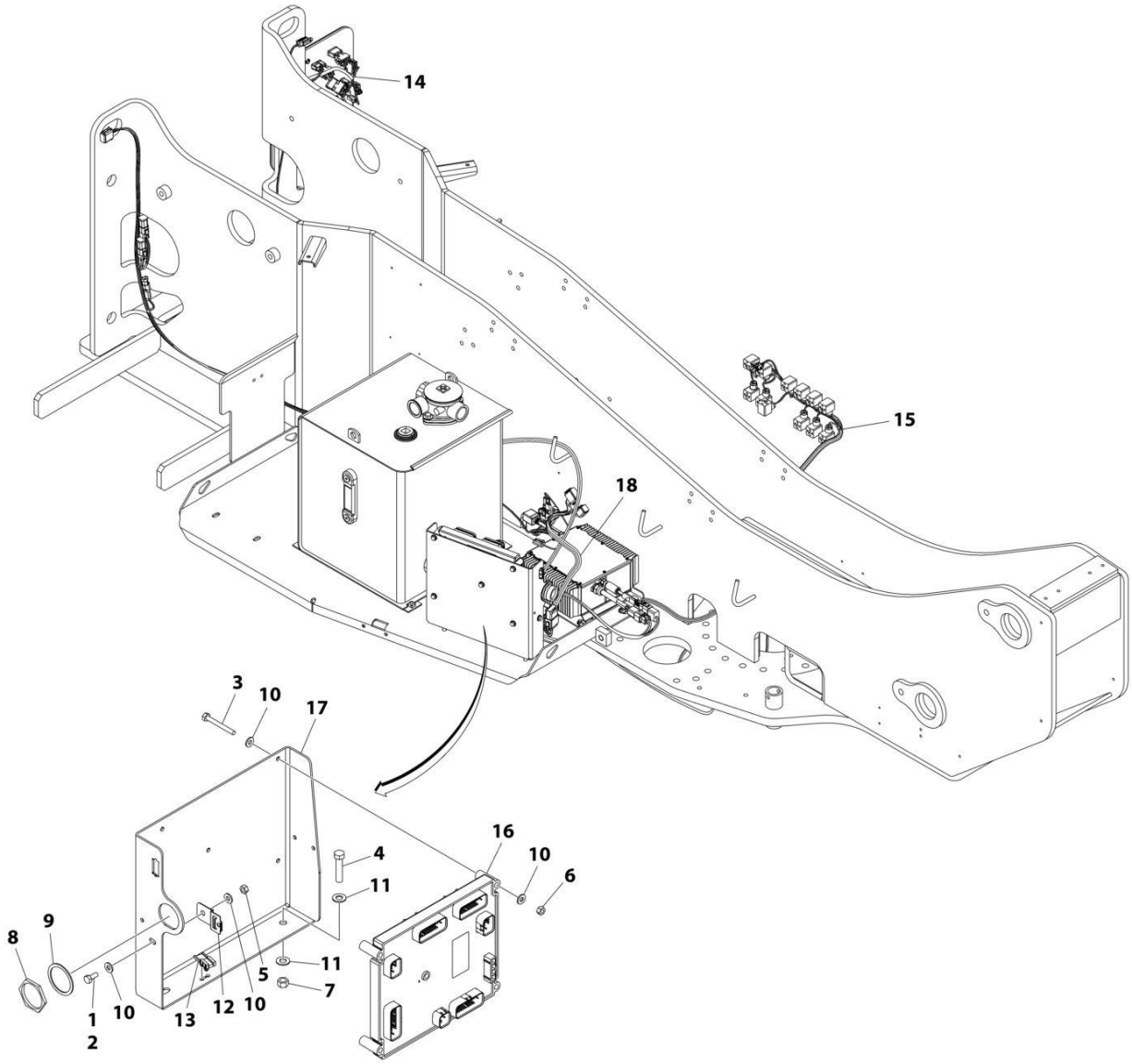


FIGURE 2-23. GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248324	Ref	GROUND CONTROL ELECTRICAL SYSTEM INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0641405	1	Bolt 1/4 x 5/8	
3	0641418	5	Bolt 1/4 x 2-1/4	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	3311401	1	Nut 1/4	
6	3311405	5	Nut 1/4	
7	3311605	2	Nut 3/8	
8	4460470	1	Nut, Terminal	
9	4460471	1	Washer, Terminal	
10	4711400	12	Washer 1/4	
11	4711600	4	Washer 3/8	
12	1001153749	1	Clip	
13	1001173387	1	Clip, Connector Mount	
14	1001289962	1	Ground Control Harness (See Separate Breakdown in ELECTRICAL Section)	
15	1001286021	1	Lower Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
16	1001283300	1	Module, Ground (Note: Re-calibration Required when Replaced)	
17	1001183229	1	Plate, Base	
18	1001289961	1	Turntable Harness (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-24. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE & UK CA SPECS)

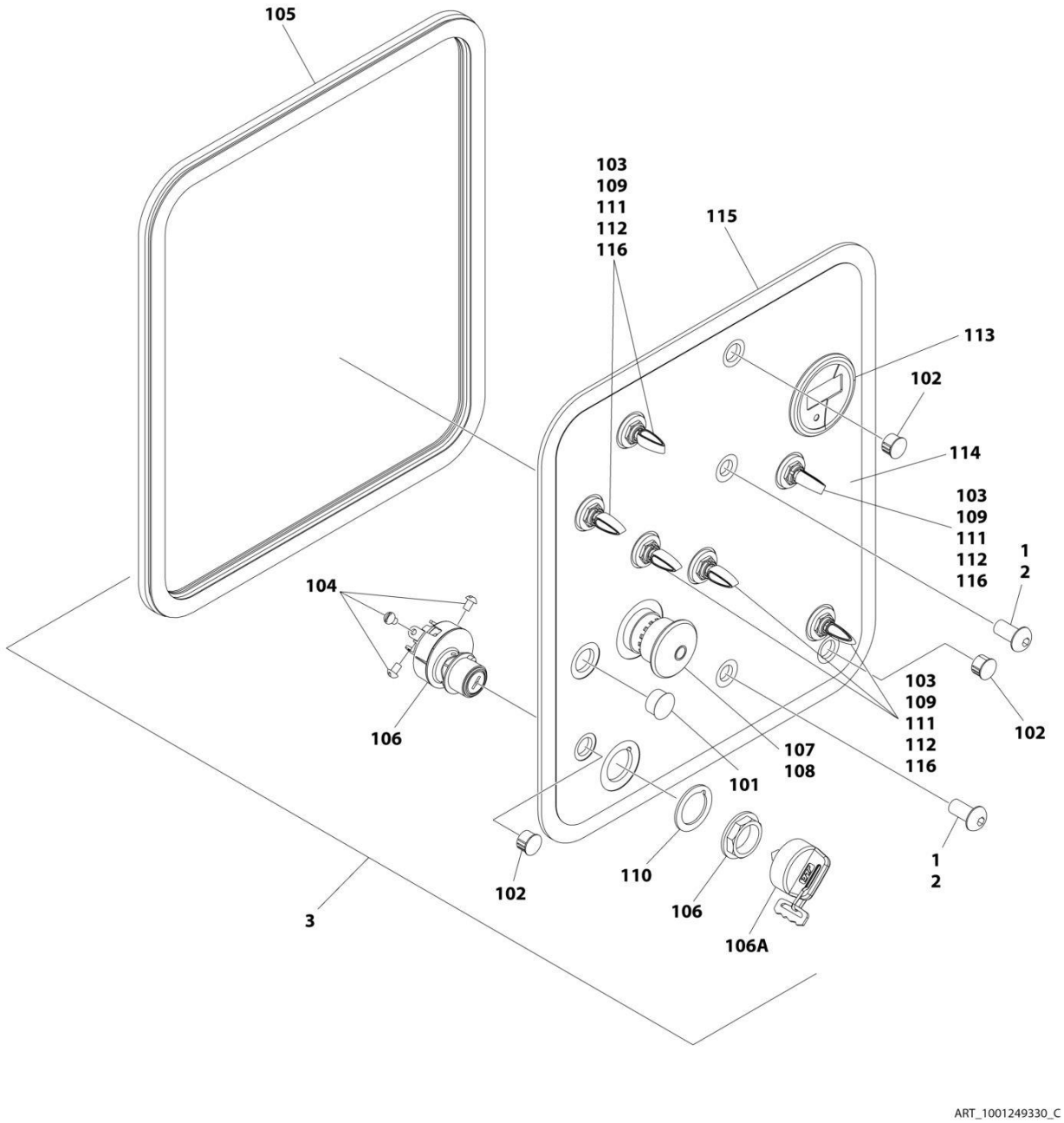


FIGURE 2-24. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (ALL SPECS EXCEPT CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249330	Ref	GROUND CONTROL PANEL INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw	
3	1001266513	1	Ground Control Panel Assembly	C
101	3520026	1	Plug, Hole	
102	3520028	3	Plug, Hole	
103	3790012	6	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360469	1	Keyswitch	
106A	2860030	1	Key, Replacement	
107	4360475	1	Switch, Emergency Stop	
107	7020175	1	Mushroom Head	
107	7020176	1	Block, Contact	
108	4360476	1	Block, Contact	
109	4740397	6	Spacer, Washer	
110	1001151393	1	Shim, Nylon .063	
111	1001155044	6	Nut 15/32	
112	1001155045	6	Switch, Toggle	
113	1001109503	1	Gauge, Display	
114	1001266505	1	Decal - Control Panel	
115	1001280412	1	Panel, Ground Control	
116	1001155043	6	Washer, Keyed	

FIGURE 2-25. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (CE & UK CA SPECS)

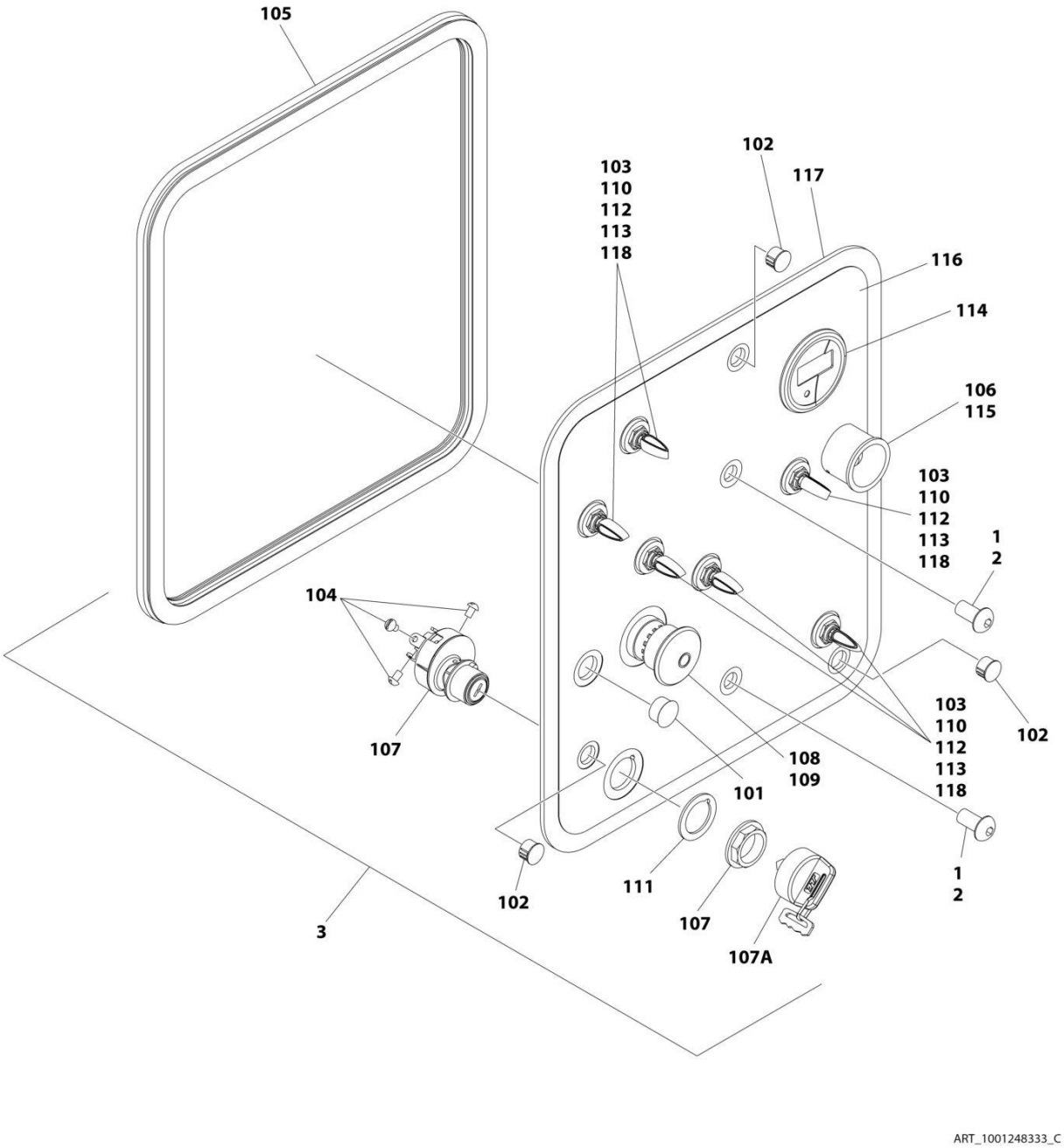


FIGURE 2-25. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJ/H600SJ) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248333	Ref	GROUND CONTROL PANEL INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw, Button Head	
3	1001266511	1	Ground Control Panel Assembly	C
101	3520026	1	Plug, Hole	
102	3520028	3	Plug, Hole	
103	3790012	6	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360387	1	Switch, Push Button	
107	4360469	1	Keyswitch	
107A	2860030	1	Key, Replacement	
108	4360475	1	Switch, Emergency Stop	
108	7020175	1	Mushroom Head	
108	7020176	1	Block, Contact	
109	4360476	1	Block, Contact	
110	4740397	6	Spacer, Washer	
111	1001151393	1	Shim, Nylon .063	
112	1001155044	6	Nut 15/32	
113	1001155045	6	Switch, Toggle	
114	1001109503	1	Gauge, Display	
115	1001176469	1	Shroud	
116	1001266503	1	Decal - Control Panel	
117	1001280412	1	Panel, Ground Control	
118	1001155043	6	Washer, Keyed	

FIGURE 2-26. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE & UK CA SPECS)

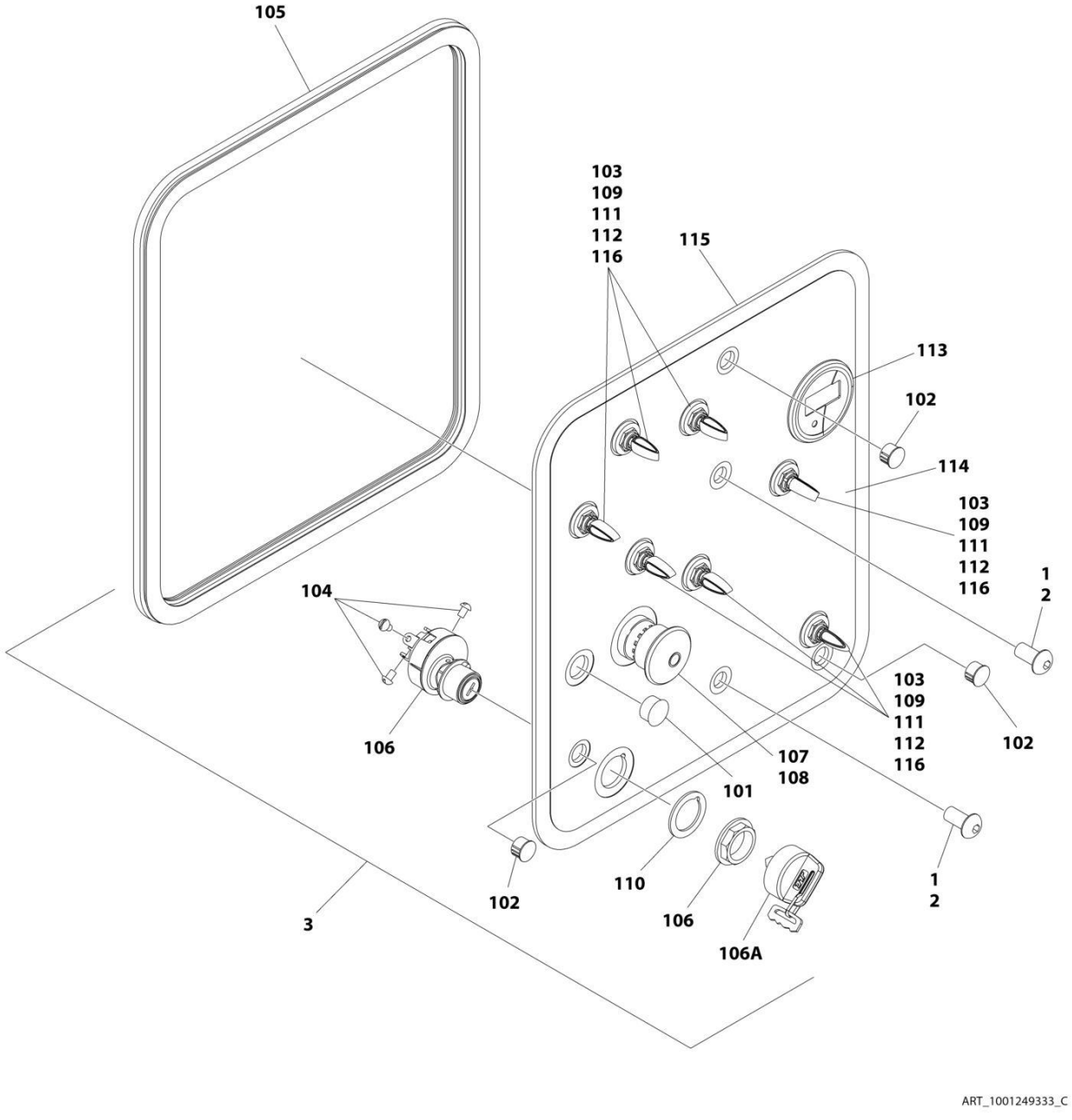


FIGURE 2-26. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (ALL SPECS EXCEPT CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001249333	Ref	GROUND CONTROL PANEL INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw, Button Head	
3	1001266514	1	Ground Control Panel Assembly	C
101	3520026	1	Plug, Hole	
102	3520028	3	Plug, Hole	
103	3790012	7	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360469	1	Keyswitch	
106A	2860030	1	Key, Replacement	
107	4360475	1	Switch, Emergency Stop	
107	7020175	1	Mushroom Head	
107	7020176	1	Block, Contact	
108	4360476	1	Block, Contact	
109	4740397	7	Spacer, Washer	
110	1001151393	1	Shim, Nylon .063	
111	1001155044	7	Nut 15/32	
112	1001155045	7	Switch, Toggle	
113	1001109503	1	Gauge, Display	
114	1001266509	1	Decal - Control Panel	
115	1001280412	1	Panel, Ground Control	
116	1001155043	7	Washer, Keyed	

FIGURE 2-27. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (CE & UK CA SPECS)

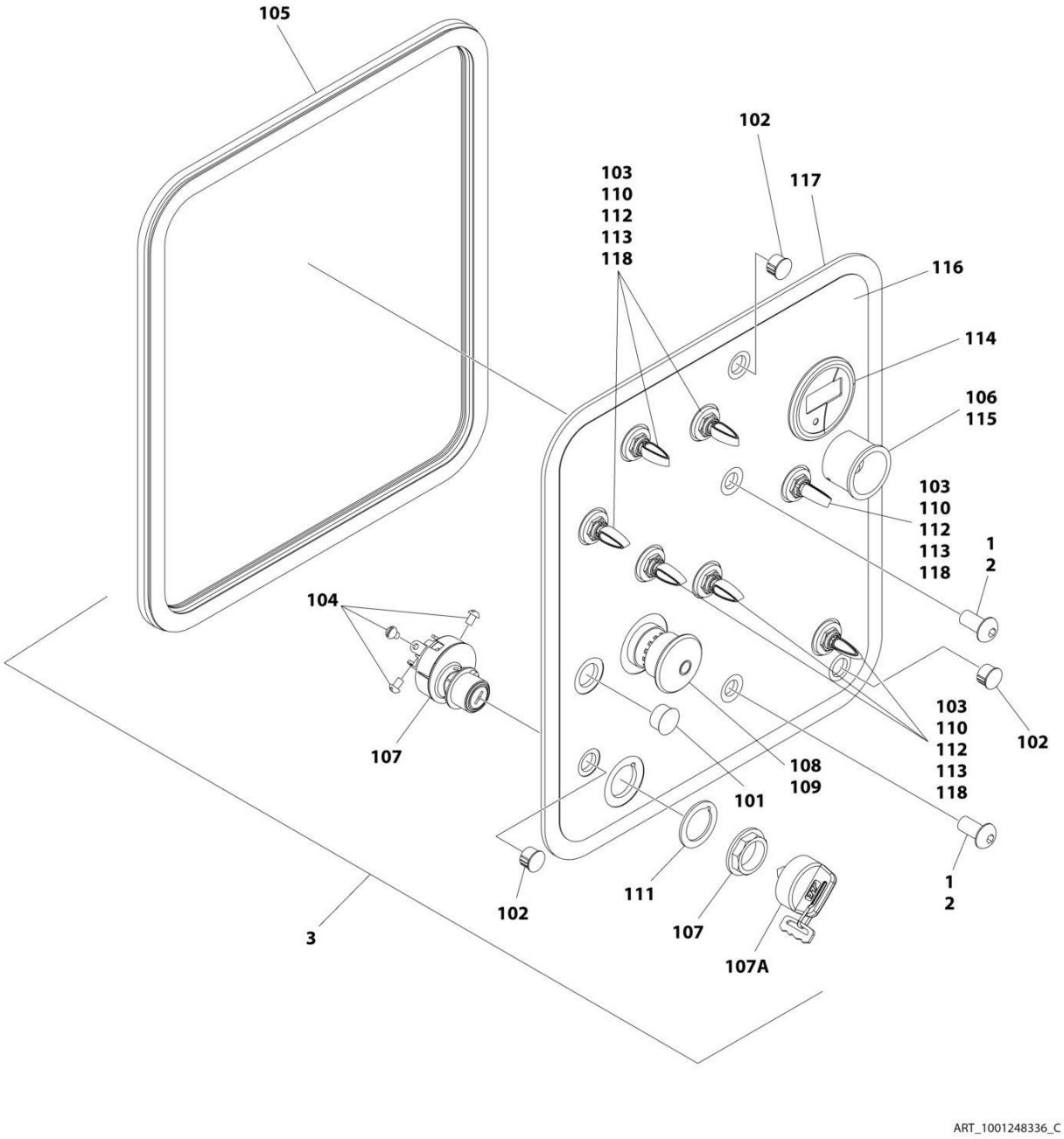


FIGURE 2-27. GROUND CONTROL PANEL INSTALLATION - DISPLAY WITHOUT BUTTONS (EC600SJP/H600SJP) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248336	Ref	GROUND CONTROL PANEL INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	3900283	2	Screw, Button Head	
3	1001266512	1	Ground Control Panel Assembly	C
101	3520026	1	Plug, Hole	
102	3520028	3	Plug, Hole	
103	3790012	7	O-Ring	
104	3910804	6	Screw #8 x 1/2	
105	3960447	51 in/1.3m	Seal	
106	4360387	1	Switch, Push Button	
107	4360469	1	Keyswitch	
107A	2860030	1	Key, Replacement	
108	4360475	1	Switch, Emergency Stop	
108	7020175	1	Mushroom Head	
108	7020176	1	Block, Contact	
109	4360476	1	Block, Contact	
110	4740397	7	Spacer, Washer	
111	1001151393	1	Shim, Nylon .063	
112	1001155044	7	Nut 15/32	
113	1001155045	7	Switch, Toggle	
114	1001109503	1	Gauge, Display	
115	1001176469	1	Shroud	
116	1001266504	1	Decal - Control Panel	
117	1001280412	1	Panel, Ground Control	
118	1001155043	7	Washer, Keyed	

FIGURE 2-28. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

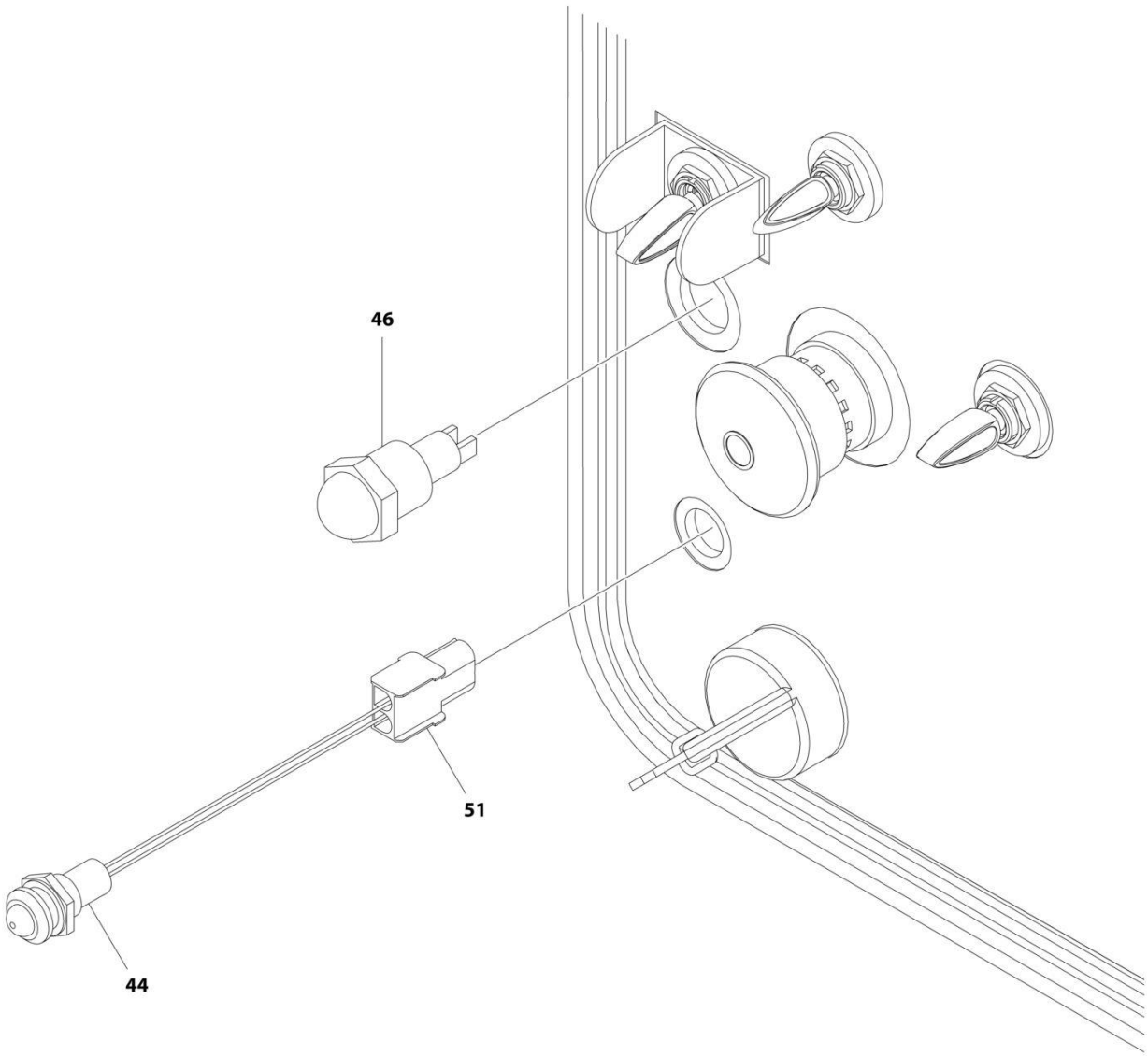


FIGURE 2-28. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	ENGINE CONTROLS INSTALLATION	G
44	2920151	1	Light	
46	4360274	1	Switch, Push Button	
51	4460424	1	Connector - 2 Position	
51	4460226	2	Socket, Female	

FIGURE 2-29. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

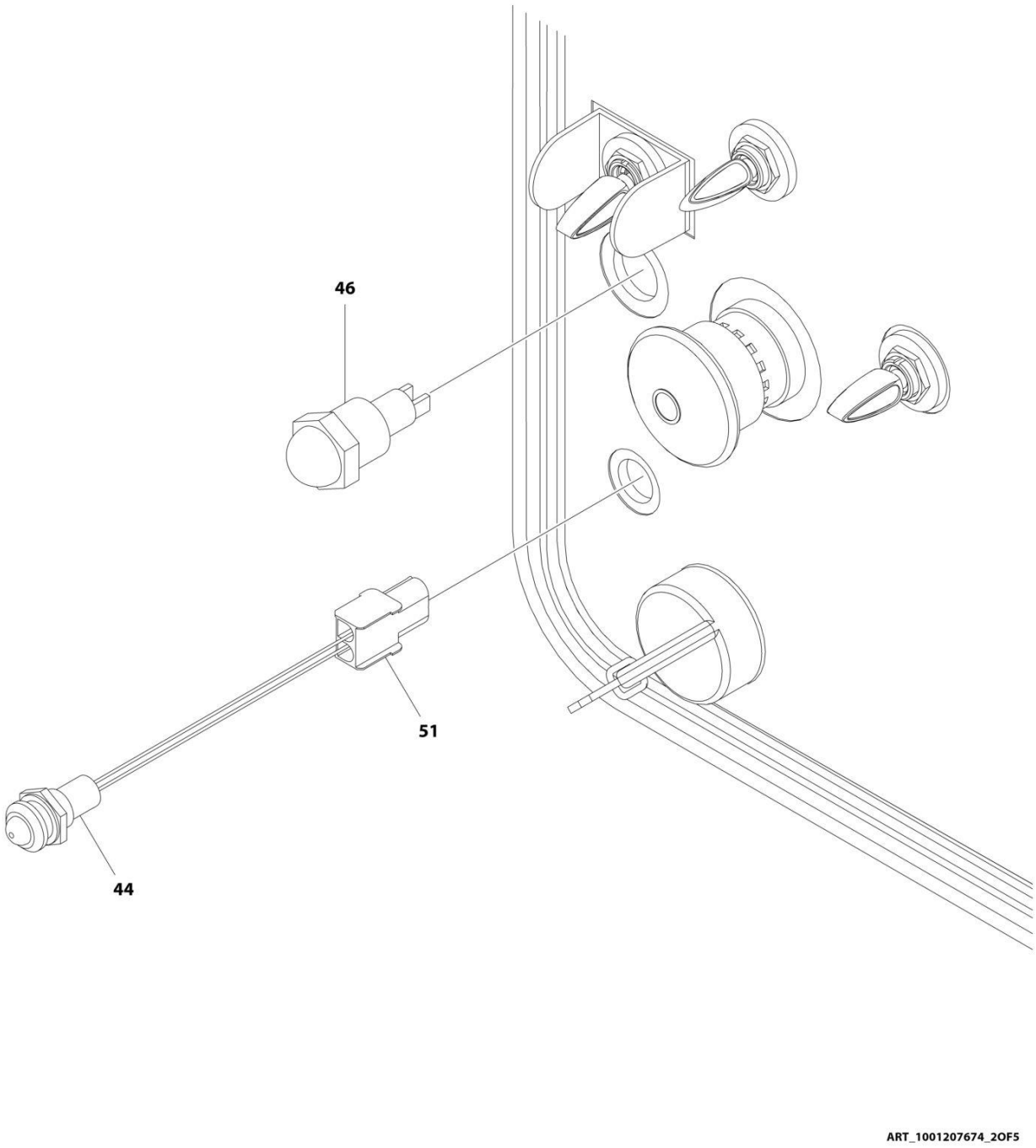


FIGURE 2-29. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	MOTOR CONTROLS INSTALLATION - AGM BATTERIES (M600/M600J/M600JP)	F
44	2920151	1	Light	
46	4360274	1	Switch, Push Button	
51	4460424	1	Connector - 2 Position	
51	4460226	2	Socket, Female	

FIGURE 2-30. LIMIT SWITCH INSTALLATION

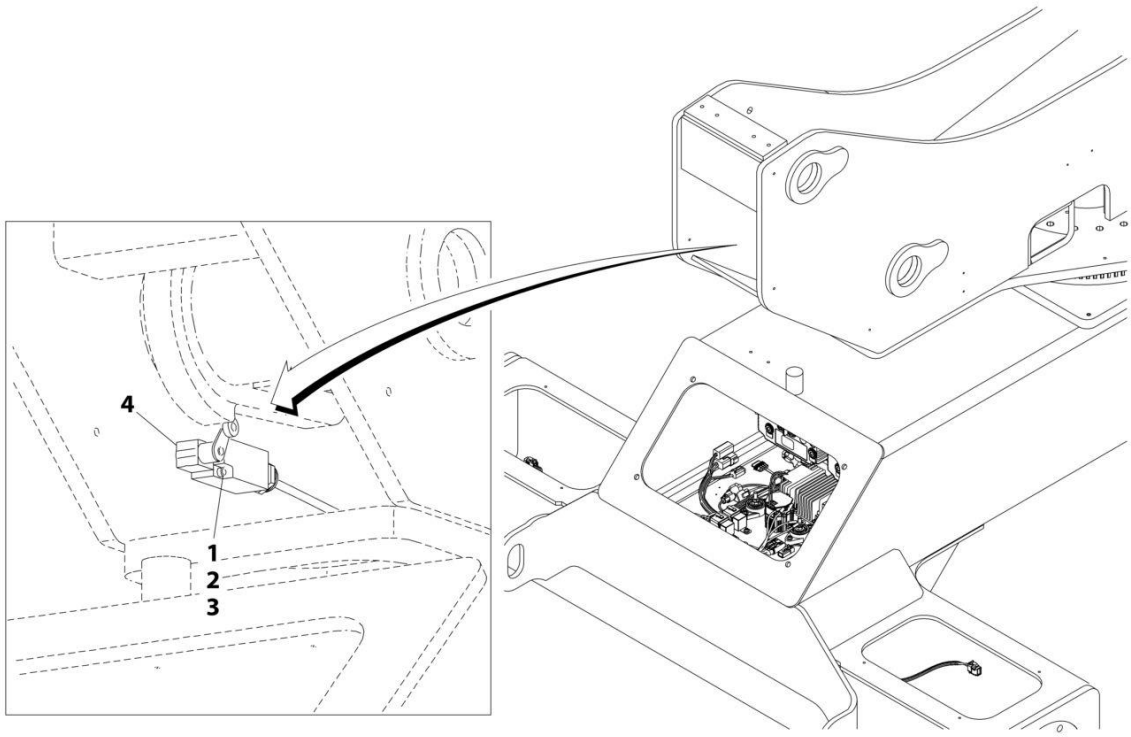


FIGURE 2-30. LIMIT SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200254	Ref	LIMIT SWITCH INSTALLATION	A
1	3310805	2	Nut #8	
2	3930828	2	Capscrew #8 x 1-3/4	
3	4750800	2	Washer #8	
4	1001200173	1	Switch, Limit (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-31. ALARM INSTALLATION

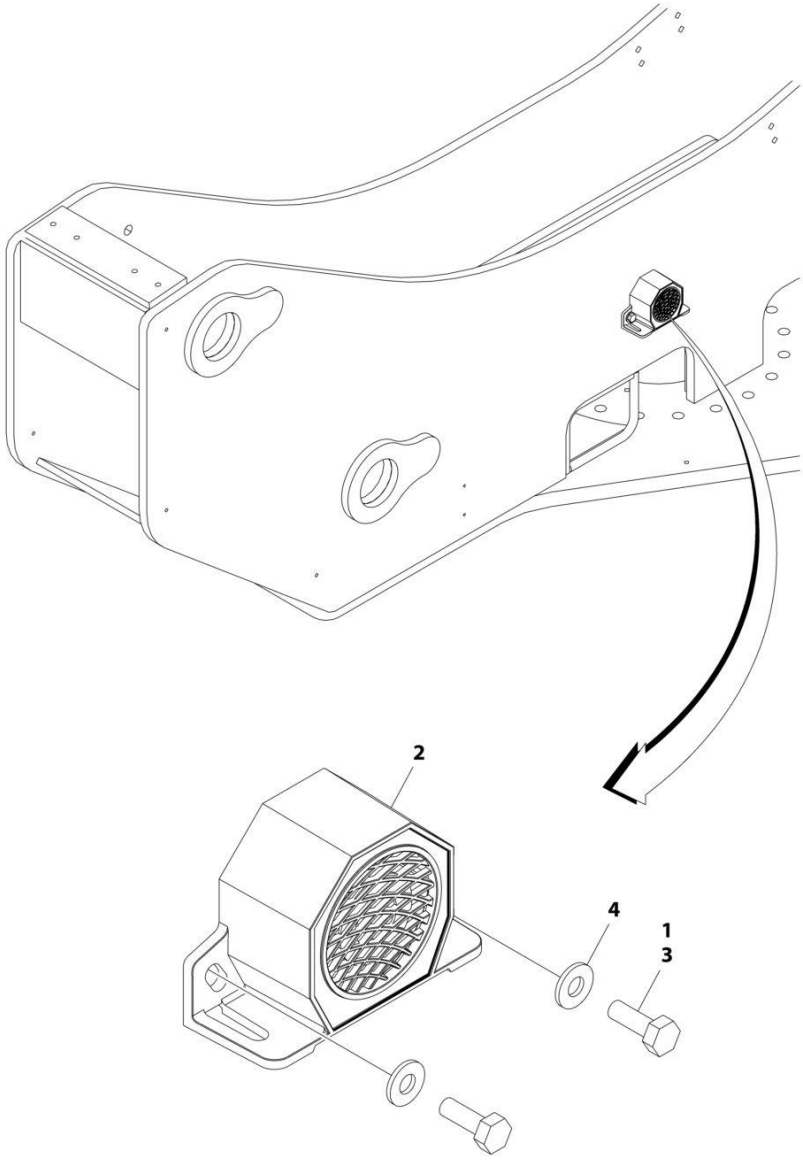


FIGURE 2-31. ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183368	Ref	ALARM INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0140043	1	Alarm, Motion/Descent/Horn	
3	0641406	2	Bolt 1/4 x 3/4	
4	4711400	2	Washer 1/4	

FIGURE 2-32. WHITE NOISE ALARM INSTALLATION

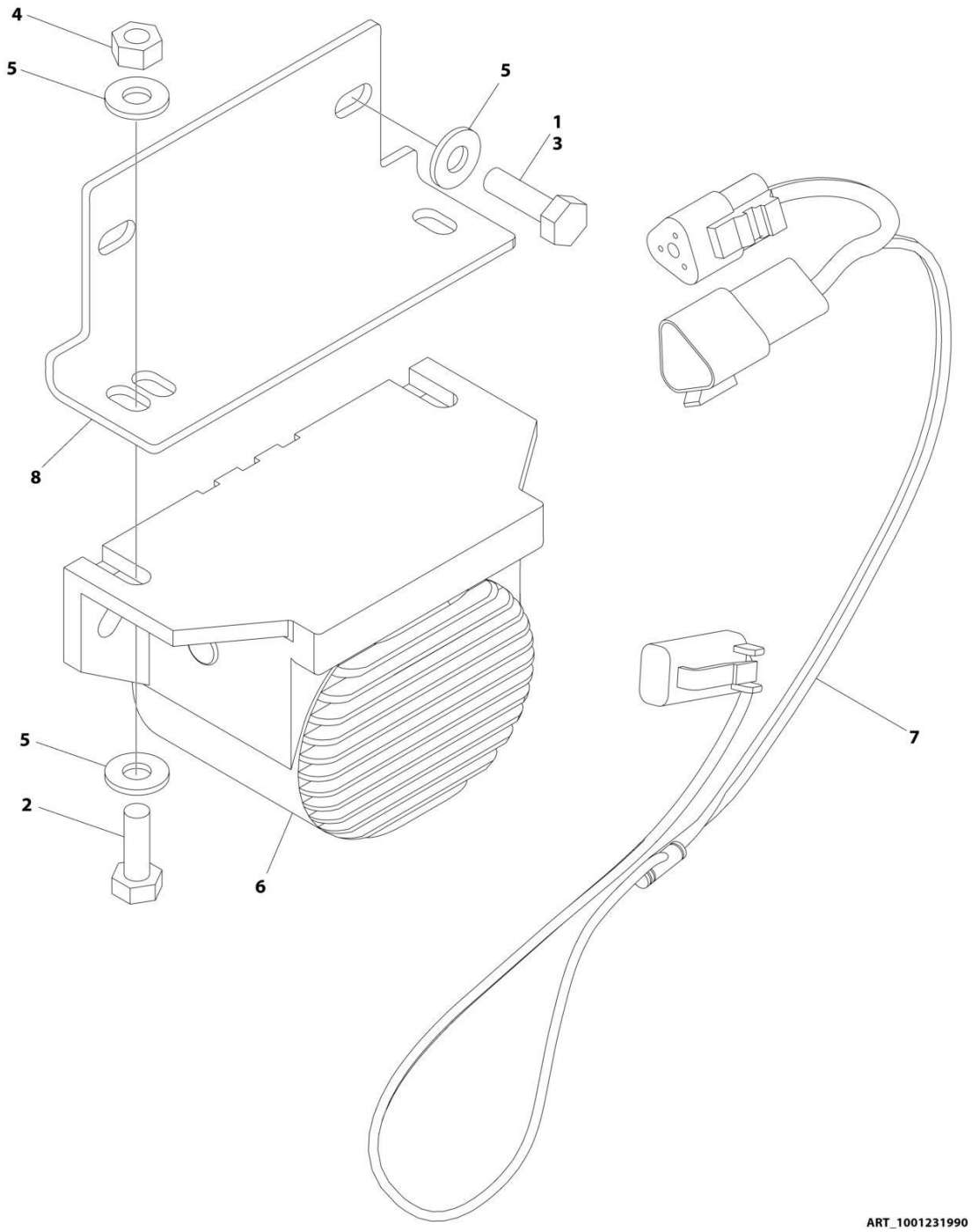


FIGURE 2-32. WHITE NOISE ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231990	Ref	WHITE NOISE ALARM INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641406	2	Bolt 1/4 x 3/4	
3	0641407	2	Bolt 1/4 x 7/8	
4	3311405	2	Nut 1/4	
5	4711400	6	Washer 1/4	
6	1001182806	1	Alarm	
6	4460897	1	Connector - 2 Position	
6	4460464	2	Pin, Male	
7	1001231007	1	Harness, White Noise Motion Alarm (See Separate Breakdown in ELECTRICAL Section)	
8	1001231886	1	Plate	

FIGURE 2-33. BEACON LIGHT INSTALLATION - AMBER

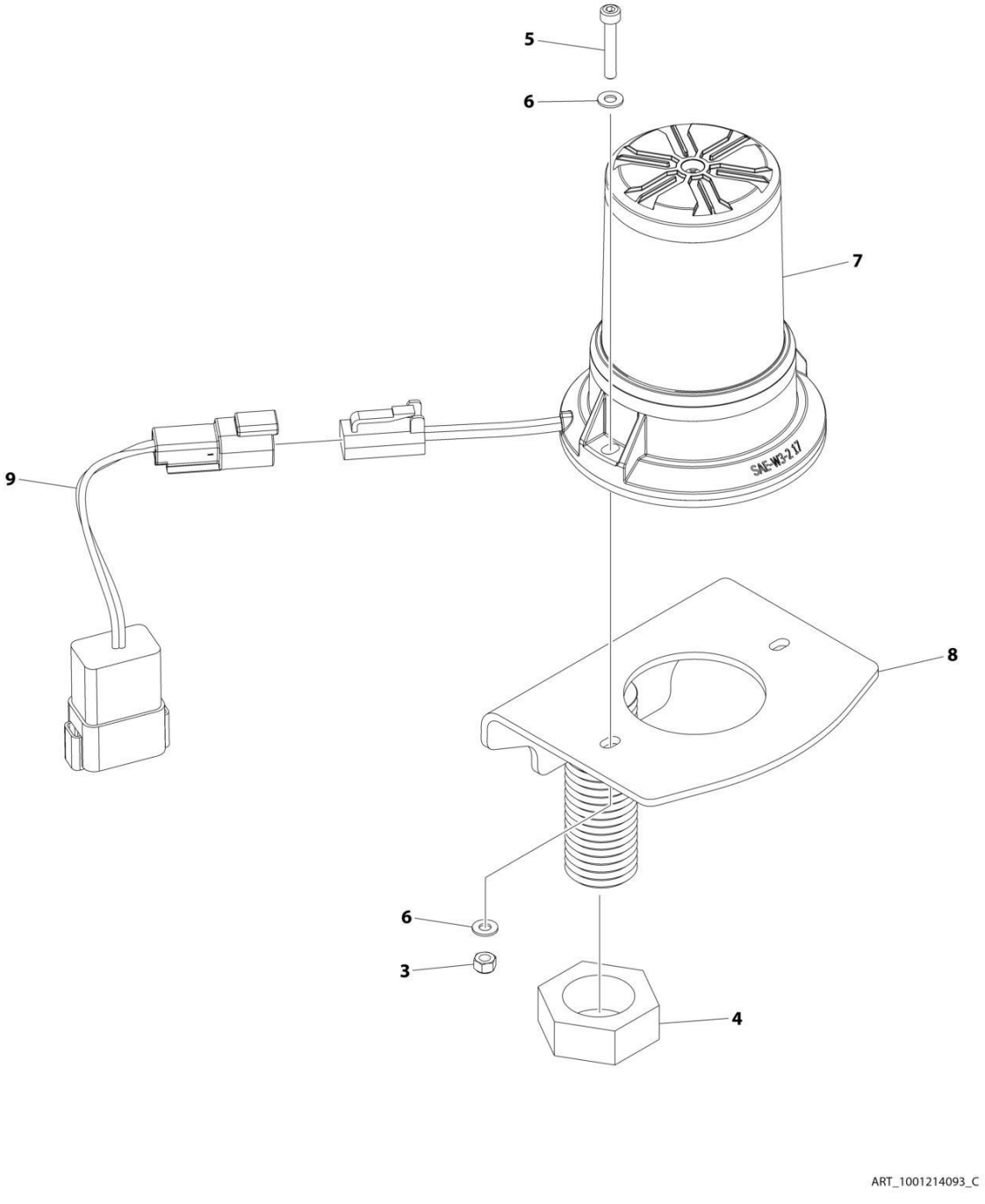


FIGURE 2-33. BEACON LIGHT INSTALLATION - AMBER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214093	Ref	BEACON LIGHT INSTALLATION - AMBER	C
3	3290405	2	Nut M4	
4	3312602	1	Nut 1	
5	4031509	2	Capscrew M4 x 25	
6	4811400	4	Washer M4	
7	1001270594	1	Light, Strobe	
8	1001275149	1	Mount	
9	1001283776	1	Harness, Strobe Light Jumper	
9	4460931	1	Connector - 8 Position	
9	4460897	1	Connector - 2 Position	
9	4460464	4	Pin	
9	4460466	6	Plug, Terminal	

FIGURE 2-34. BEACON LIGHT INSTALLATION - BLUE

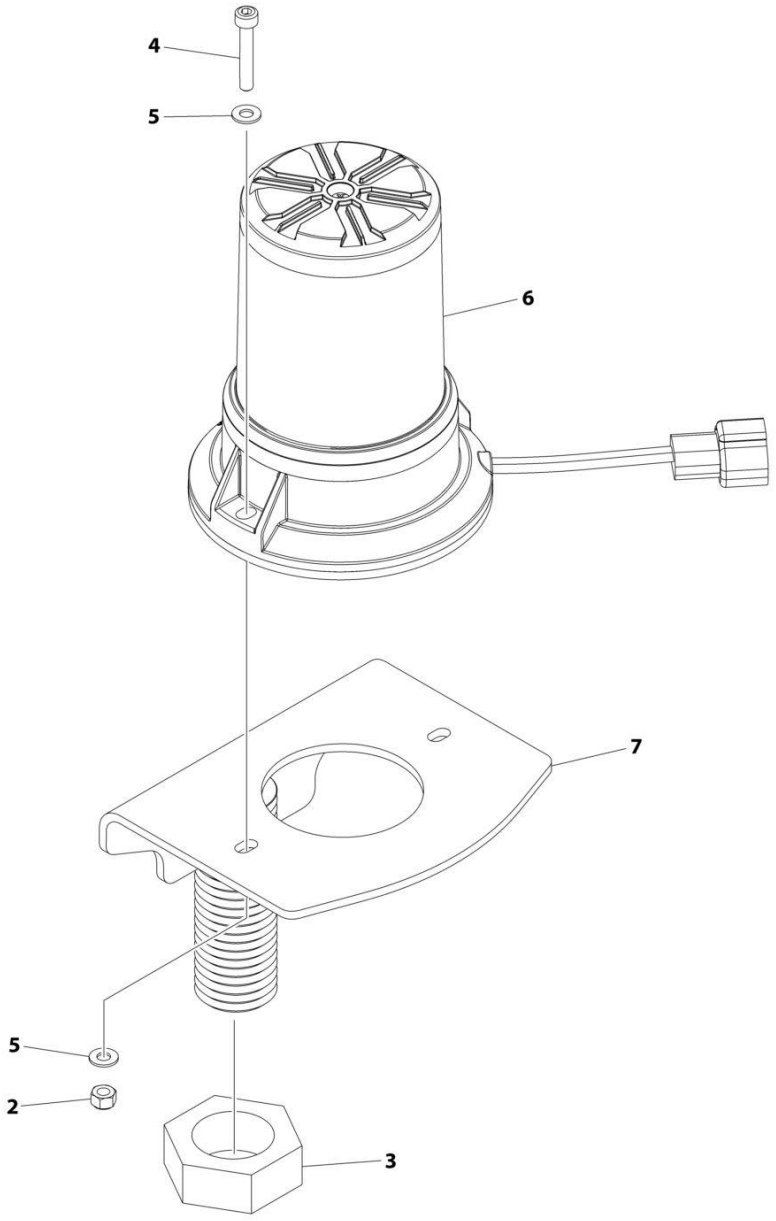


FIGURE 2-34. BEACON LIGHT INSTALLATION - BLUE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239801	Ref	BEACON LIGHT INSTALLATION - BLUE	C
2	3290405	2	Nut M4	
3	3312602	1	Nut 1	
4	4031509	2	Capscrew M4 x 25	
5	4811400	4	Washer M4	
6	1001272681	1	Light, Strobe	
7	1001275149	1	Mount	

FIGURE 2-35. BEACON LIGHT INSTALLATION - RED

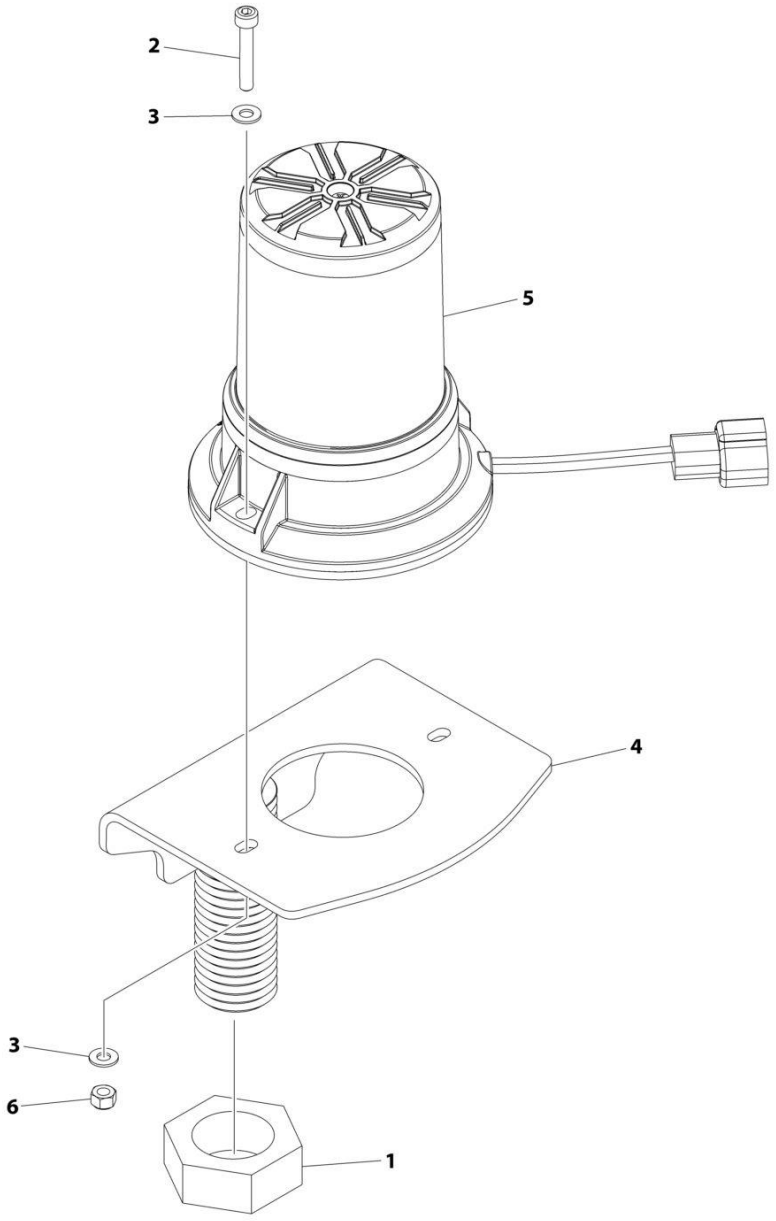


FIGURE 2-35. BEACON LIGHT INSTALLATION - RED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001239800	Ref	BEACON LIGHT INSTALLATION - RED	C
1	3312602	1	Nut 1	
2	4031509	2	Capscrew M4 x 25	
3	4811400	4	Washer M4	
4	1001275149	1	Mount	
5	1001272682	1	Light, Strobe	
6	3290405	2	Nut M4	

FIGURE 2-36. NO BEACON INSTALLATION

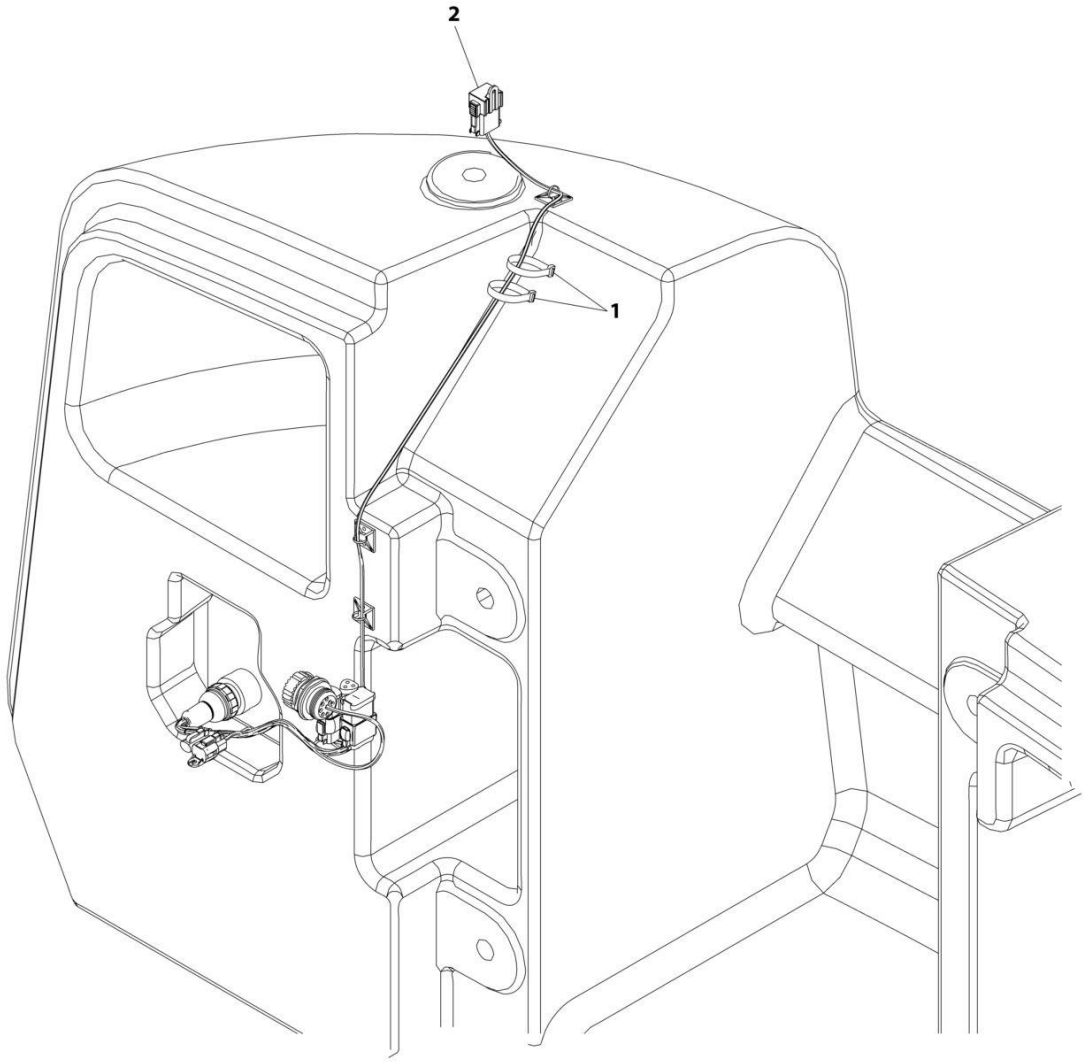


FIGURE 2-36. NO BEACON INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293369	Ref	NO BECON INSTALLATION	A
1	4240018	2	Strap, Cable Tie	
2	1001244462	1	Connector, Dust Cap	

FIGURE 2-37. INVERTER INSTALLATION - 110V (OPTIONAL)

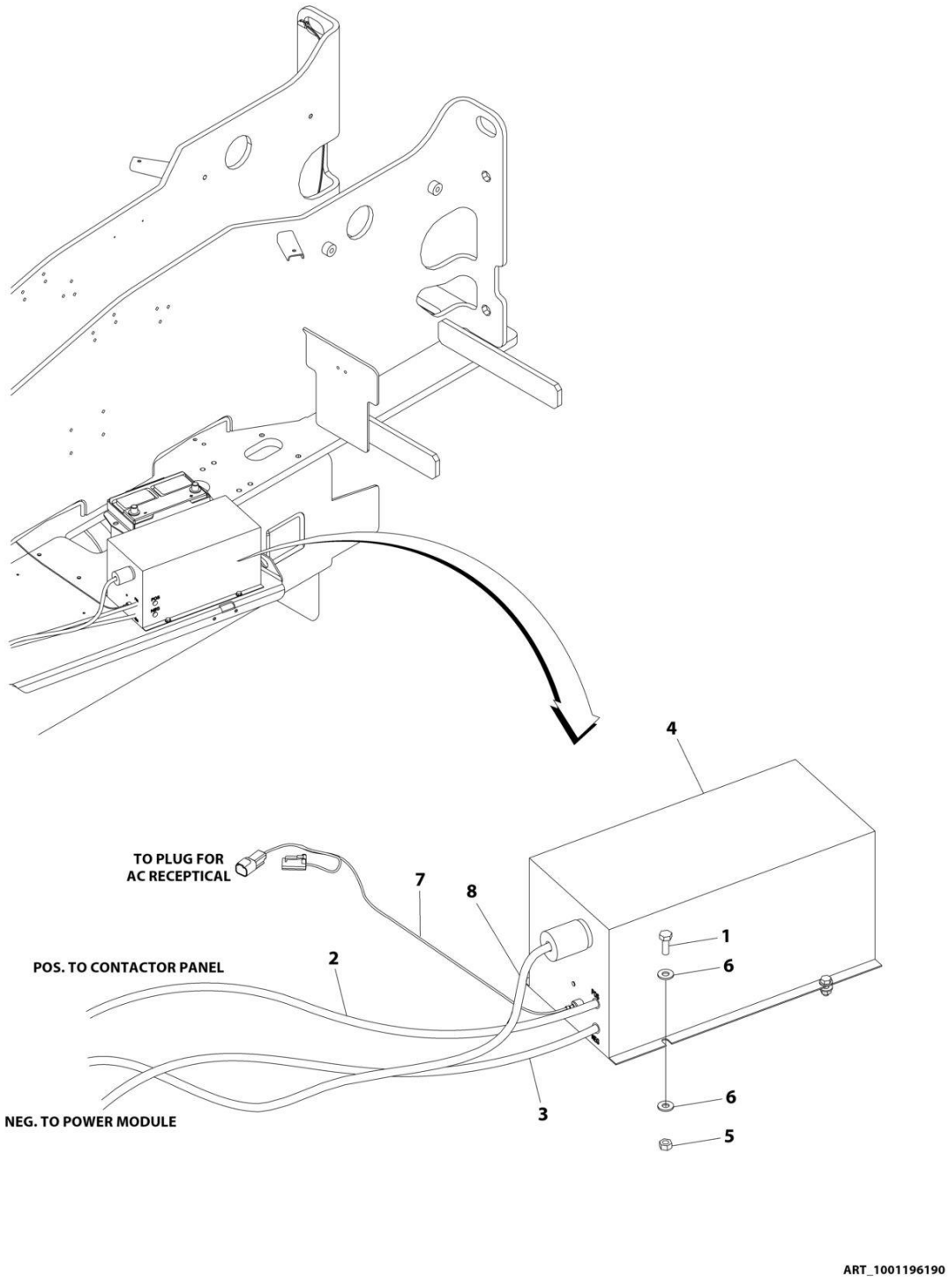


FIGURE 2-37. INVERTER INSTALLATION - 110V (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196190	Ref	INVERTER INSTALLATION - 110V (OPTIONAL)	B
1	0641406	4	Bolt 1/4 x 3/4	
2	1060827	1	Cable, Electrical (+)	
3	1060828	1	Cable, Electrical (-)	
4	2460037	1	Inverter Assembly	
5	3311405	4	Nut 1/4	
6	4711400	8	Washer 1/4	
7	1001192293	1	Inverter Ignition Harness (See Separate Breakdown in ELECTRICAL Section)	
8	4922390	1	Inverter Harness (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 2-38. INVERTER INSTALLATION - 110V 3000W (OPTIONAL)

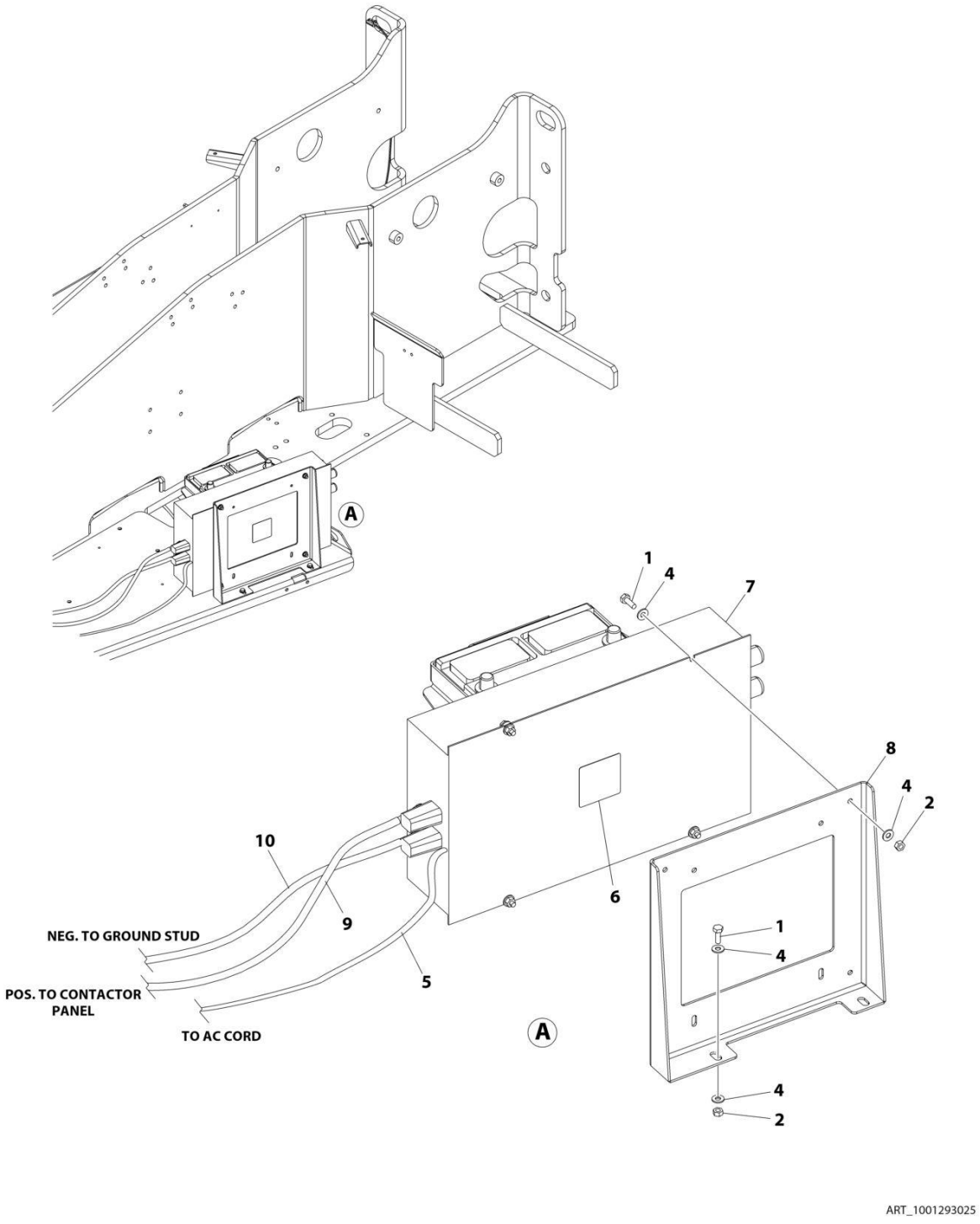


FIGURE 2-38. INVERTER INSTALLATION - 110V 3000W (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293025	Ref	INVERTER INSTALLATION - 110V 3000W	A
1	0641406	6	Bolt 1/4 x 3/4	
2	3311405	6	Nut 1/4	
3	4460806	3	Terminal, Fork (Not Shown)	
4	4711400	12	Washer 1/4	
5	4922390	1	Inverter Harness (See Separate Breakdown in ELECTRICAL Section)	
6	1001125483	1	Decal - Pressure Wash	
7	1001173138	1	Inverter Assembly	
8	1001290653	1	Bracket	
9	1001292551	1	Cable, Electrical (+)	
10	1001292552	1	Cable, Electrical (-)	

FIGURE 2-39. INVERTER INSTALLATION - 220V (OPTIONAL)

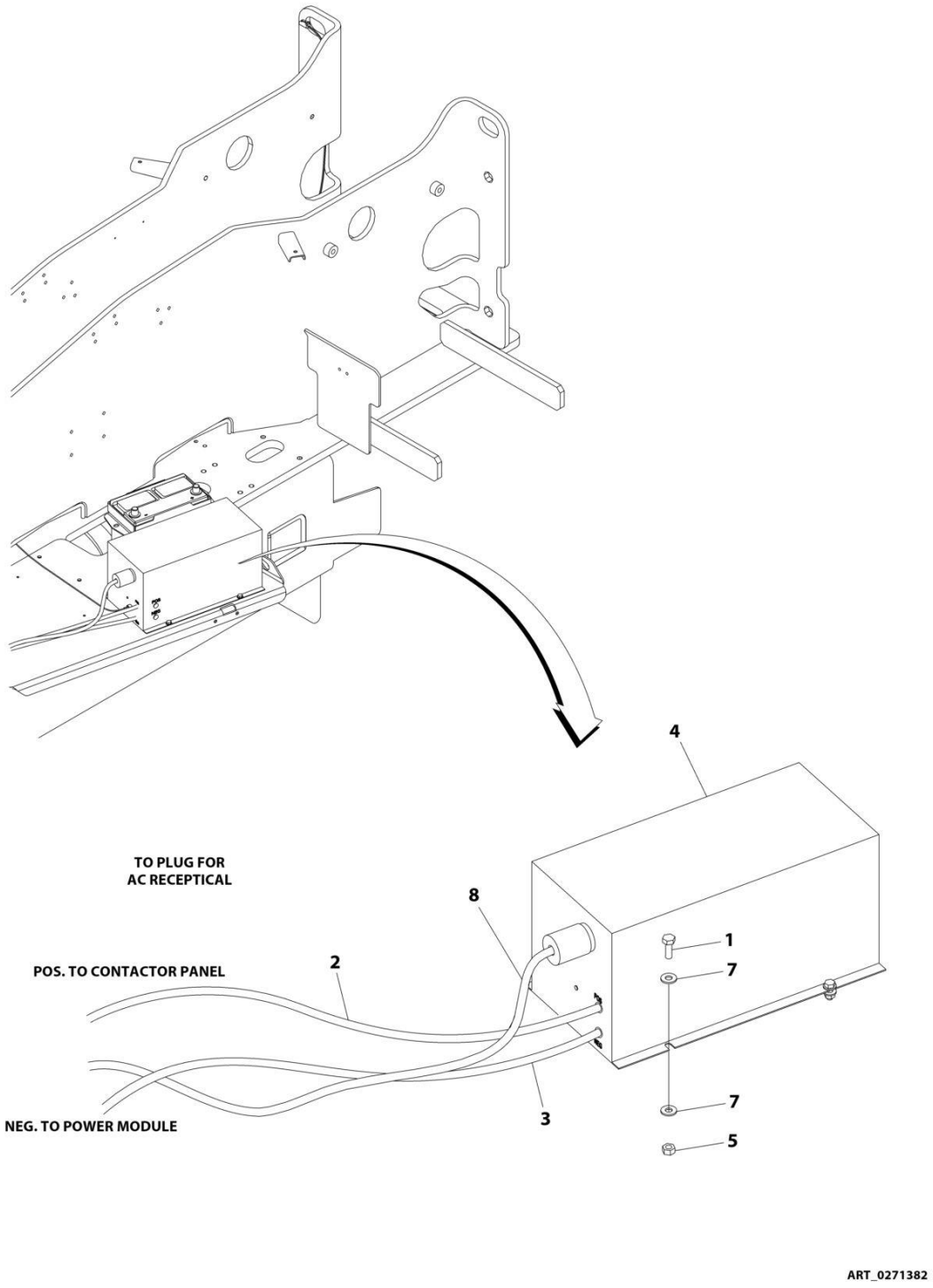


FIGURE 2-39. INVERTER INSTALLATION - 220V (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271382	Ref	INVERTER INSTALLATION - 220V (OPTIONAL)	B
1	0641406	4	Bolt 1/4 x 3/4	
2	1060827	1	Cable, Electrical (+)	
3	1060828	1	Cable, Electrical (-)	
4	2460038	1	Inverter Assembly	
5	3311405	4	Nut 1/4	
7	4711400	8	Washer 1/4	
8	4922647	1	Inverter Harness (See Separate Breakdown in ELECTRICAL Section)	
9	4460709	1	Plug, Male (Not Shown - Plugs into Item 8)	

FIGURE 2-40. INVERTER INSTALLATION - 220V 3000W (OPTIONAL)

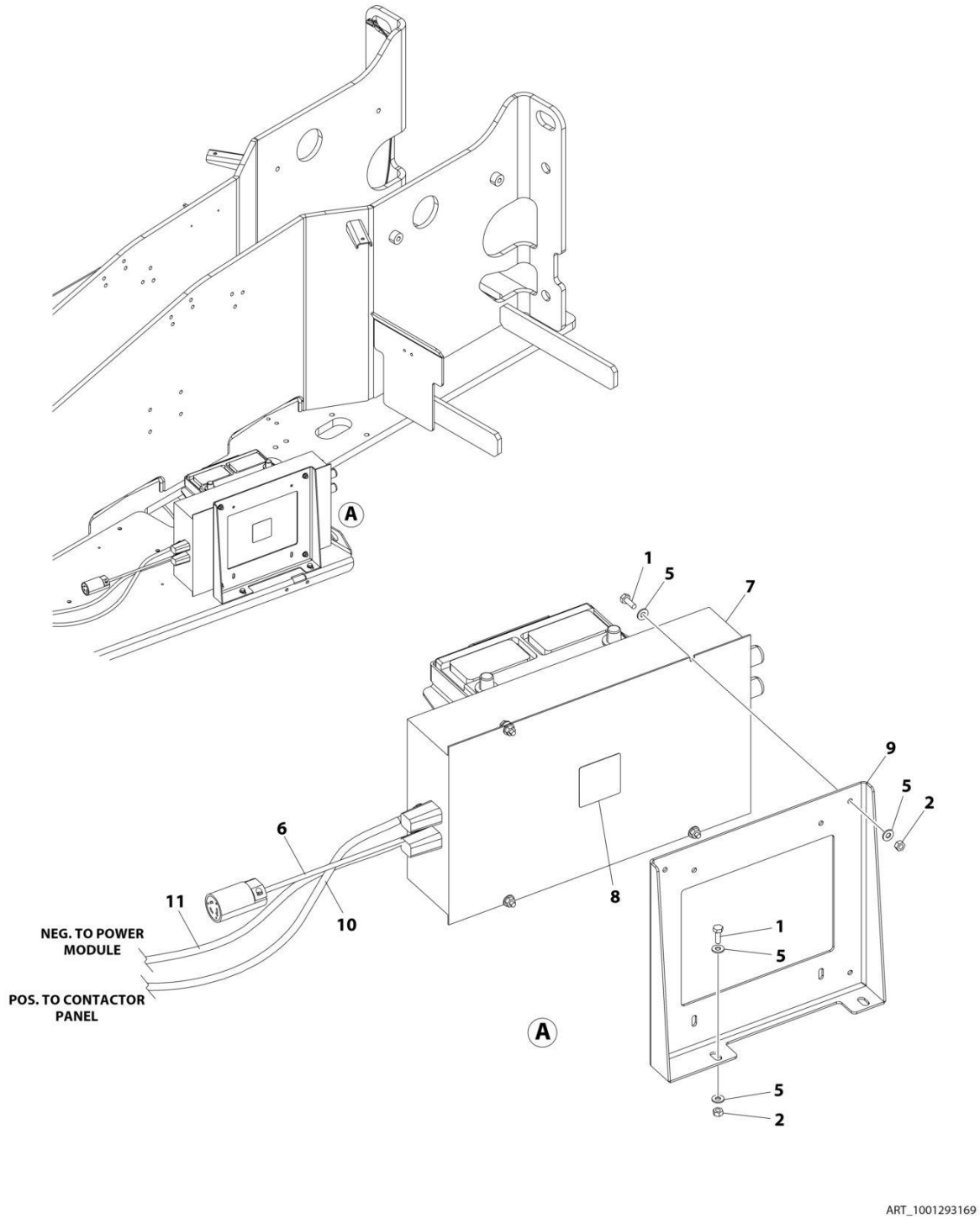


FIGURE 2-40. INVERTER INSTALLATION - 220V 3000W (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001293169	Ref	INVERTER INSTALLATION - 220V 3000W	A
1	0641406	6	Bolt 1/4 x 3/4	
2	3311405	6	Nut 1/4	
3	4460709	1	Plug, Male (Not Shown - Plugs into Item 8)	
4	4460806	3	Terminal, Fork (Not Shown)	
5	4711400	12	Washer 1/4	
6	4922647	1	Inverter Harness (See Separate Breakdown in ELECTRICAL Section)	
7	1001173137	1	Inverter Assembly	
8	1001125483	1	Decal - Pressure Wash	
9	1001290653	1	Bracket	
10	1001292551	1	Cable, Electrical (+)	
11	1001292552	1	Cable, Electrical (-)	

FIGURE 2-41. HOODS INSTALLATION

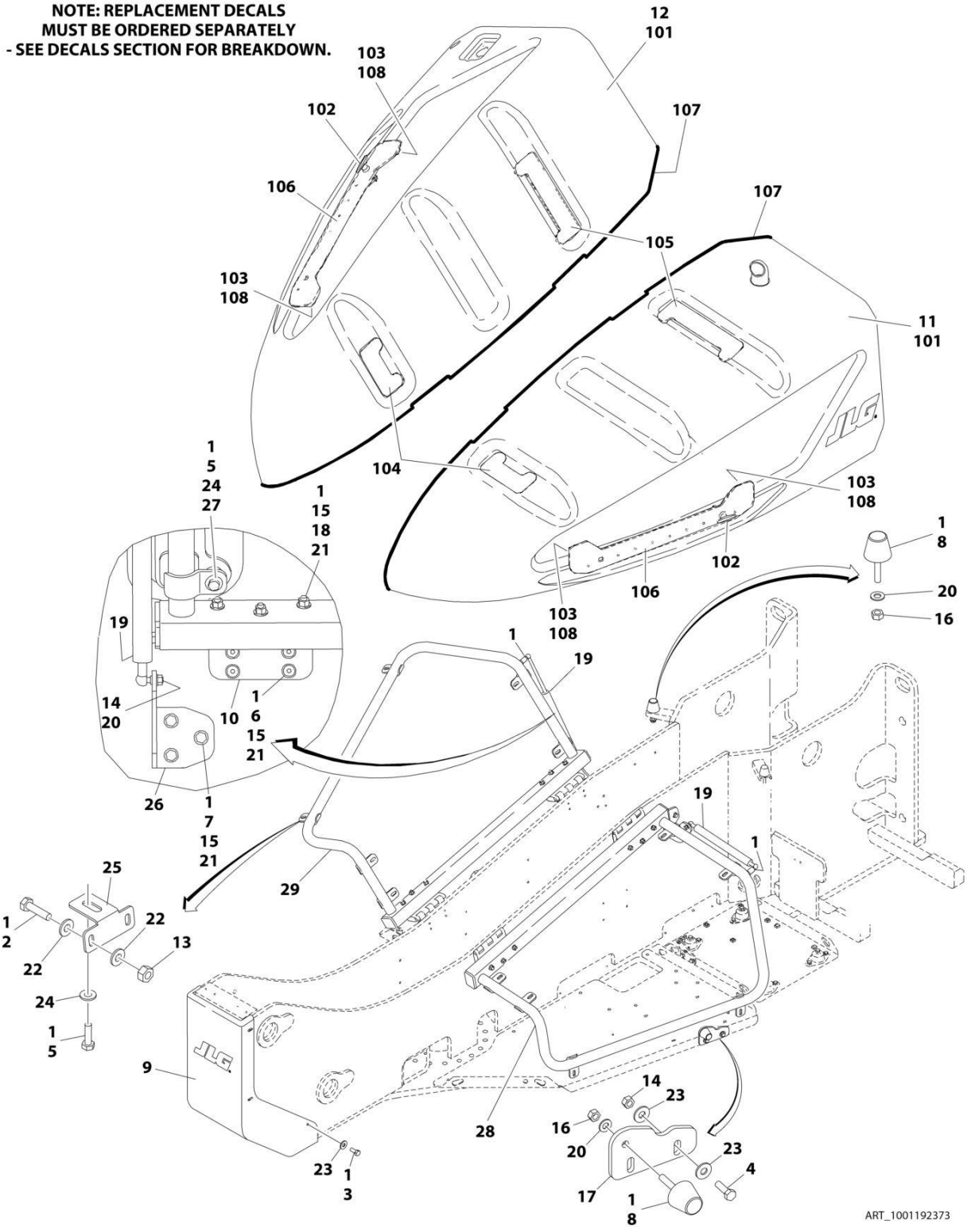


FIGURE 2-41. HOODS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192373	Ref	HOODS INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0641407	8	Bolt 1/4 x 7/8	
3	0641506	6	Bolt 5/16 x 3/4	
4	0641508	4	Bolt 5/16 x 1	
5	0641606	12	Bolt 3/8 x 3/4	
6	0641610	16	Bolt 3/8 x 1-1/4	
7	0641612	6	Bolt 3/8 x 1-1/2	
8	0940088	4	Bumper	
9	1670930	1	Cover, End	
10	2600262	4	Hinge, Offset	
11	2680468	1	Hood Assembly - Right Side (See Items 101-108 for Breakdown)	
12	2680477	1	Hood Assembly - Left Side (See Items 101-108 for Breakdown)	
13	3311401	8	Nut 1/4	
14	3311505	6	Nut 5/16	
15	3311601	34	Nut 3/8	
16	3321501	4	Nut 5/16	
17	3572063	2	Plate, Latch	
18	3900232	12	Screw 3/8 x 1-1/4	
19	4160194	2	Spring, Gas	
20	4711500	6	Washer 5/16	
21	4711600	68	Washer 3/8	
22	4751400	16	Washer 1/4	
23	4751500	14	Washer 5/16	
24	4751600	12	Washer 3/8	
25	1001174542	4	Bracket, Clamp	
26	1001175575	2	Plate, Gas Spring	
27	1001175596	8	Clamp	
28	1001191596	1	Support, Hood - Right Side	
29	1001191597	1	Support, Hood - Left Side	
		Ref	HOOD ASSEMBLIES	
	2680468	Ref	Right Side	E
	2680477	Ref	Left Side	E
		Ref	Note: Replacement Decals Must Be Ordered Separately - See DECALS Section.	
101	See Note	NSS	Hood, Molded (Note: Purchase Item #11 or #12 as Complete Assembly)	
102		Ref	Latch (1 Per Assembly) Options:	
102	2940124	2	Non-Lockable	
102	7027859	2	Lockable	
103	3340877	12	Pad, Rubber (6 Per Assembly)	
104	3571856	2	Plate, Front Support (1 Per Assembly)	
105	3571857	2	Plate, Rear Support (1 Per Assembly)	
106	3571858	2	Plate, Handle (1 Per Assembly)	
107	3960464	146 ft /44.5m	Seal (73ft/22.5m Per Assembly)	
108	0100081	AR	Adhesive	

SECTION 3 - ENGINE

FIGURE 3-1. ENGINE AND GENERATOR INSTALLATION - WITH STANDARD BATTERIES (H600SJ/H600SJP ONLY)

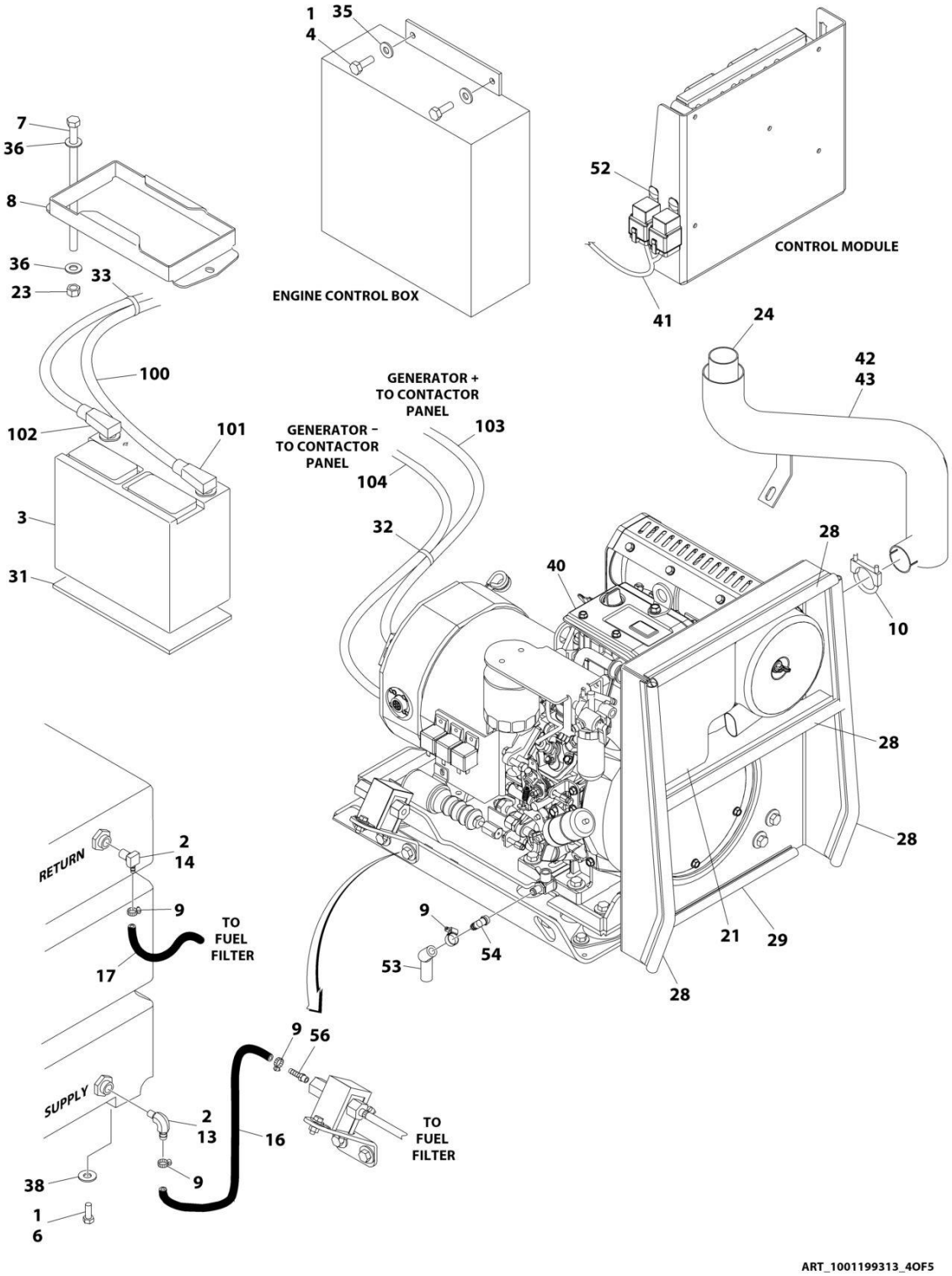


FIGURE 3-1. ENGINE AND GENERATOR INSTALLATION - WITH STANDARD BATTERIES (H600SJ/H600SJP ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	ENGINE AND GENERATOR INSTALLATION	G
1	0100011	AR	Locking, Compound	
2	0100020	AR	Sealant, Pipe	
3	0400201	1	Battery, Standard	
4	0641406	4	Bolt 1/4 x 3/4	
6	0641606	4	Bolt 3/8 x 3/4	
7	0641660	2	Bolt 3/8 x 7-1/2	
8	0902659	1	Bracket, Battery Hold-Down	
9	1320022	4	Clamp, Hose	
10	1320135	1	Clamp, Muffler	
11	1701505	1	Decal - Diesel Fuel (Not Shown - Located on Hood)	
12	2200222	2	Plug, Pipe (Not Shown - Fuel Tank)	
13	2221046	1	Fitting, Elbow Barbed	
14	2221047	1	Fitting, Elbow Barbed	
16	2720058	3.5 ft/ 1.1m	Hose, Fuel Line	
17	2720271	5.5 ft/ 1.8m	Hose, Fuel Line	
21	2820232	1	Insulation, Noise Reduction	
23	3311605	2	Nut 3/8	
24	3460492	1	Tube, Exhaust	
28	3960389	5.6 ft/ 1.8m	Seal, Rubber	
29	3960418	1.1 ft/ 0.3m	Seal, Rubber	
31	3980035	1	Seat, Battery	
32	4240018	AR	Tie-Strap	
33	4240178	1	Strap, Cable Tie	
35	4711400	4	Washer 1/4	
36	4711600	4	Washer 3/8	
38	4751600	4	Washer 3/8	
40	1001248082	1	Engine, Kubota Assembly (See Separate Breakdown in this Section)	
41	1001199409	1	Generator Harness (See Separate Breakdown in ELECTRICAL Section)	
42	1001208628	1	Sleeve	
43	4920385	8.5 in/ 21.6cm	Wire, Safety	
52	1380158	2	Clip	
53	1001165035	3.5 in/ 8.89cm	Hose	
54	1001221386	1	Adapter	
56	2220794	1	Fitting, Straight Barbed	
100	1001200381	1	Battery Cable Kit	
101	1060819	1	Cable, Battery (Battery - to Ground)	
102	1060820	1	Cable, Battery (Battery + to Starter)	
103	1001202373	1	Cable, Battery (Generator + to Contactor Panel)	
104	1001202374	1	Cable, Battery (Generator - to Contactor Panel)	

FIGURE 3-2. ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP ONLY)

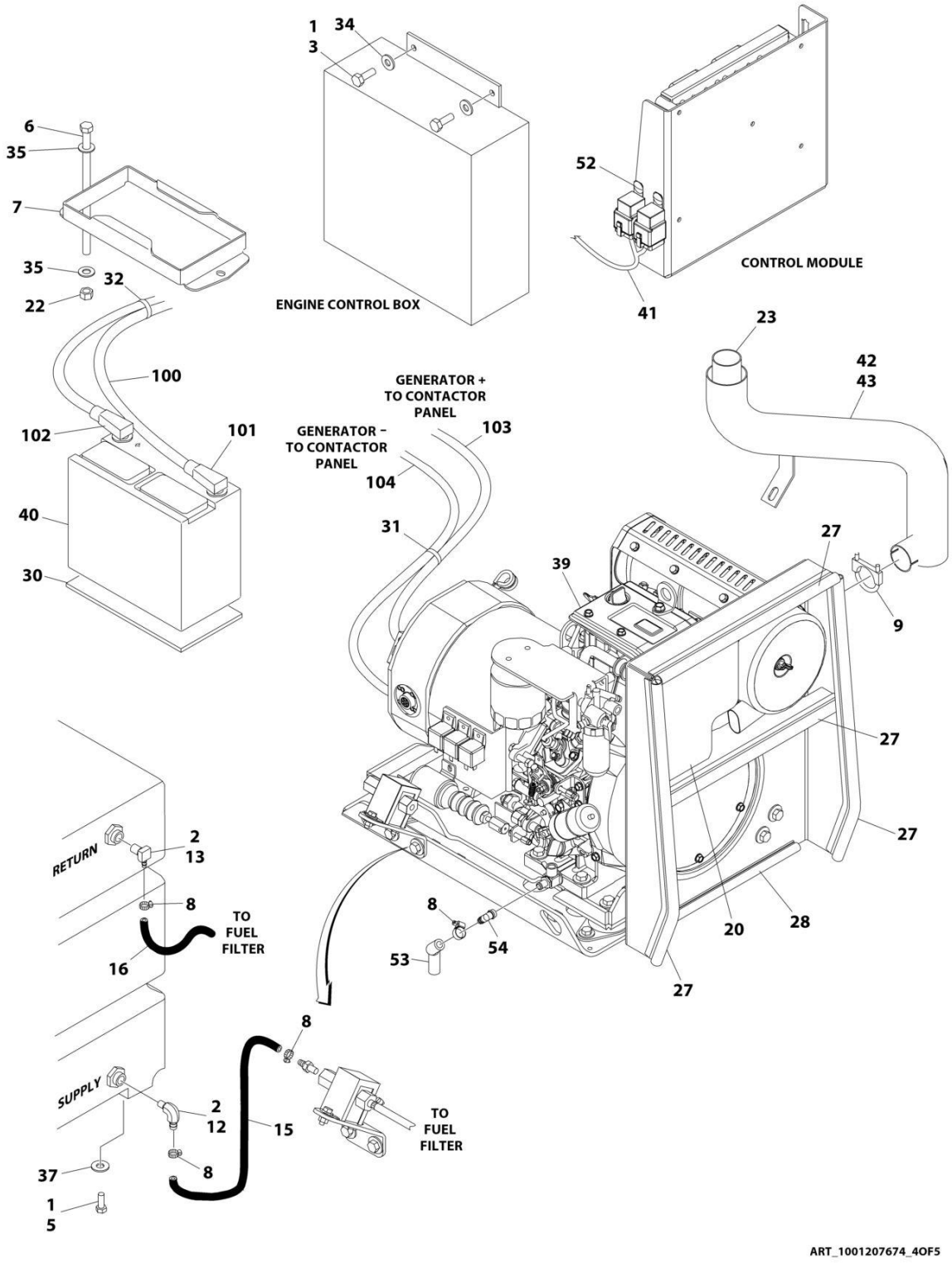


FIGURE 3-2. ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES (H600SJ/H600SJP ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	ENGINE AND GENERATOR INSTALLATION - WITH AGM BATTERIES	F
1	0100011	AR	Locking, Compound	
2	0100020	AR	Sealant, Pipe	
3	0641406	4	Bolt 1/4 x 3/4	
5	0641606	4	Bolt 3/8 x 3/4	
6	0641660	2	Bolt 3/8 x 7-1/2	
7	0902659	1	Bracket, Battery Hold-Down	
8	1320022	4	Clamp, Hose	
9	1320135	1	Clamp, Muffler	
10	1701505	1	Decal - Diesel Fuel (Not Shown - Located on Hood)	
11	2200222	2	Plug, Pipe (Not Shown - Fuel Tank)	
12	2221046	1	Fitting, Elbow Barbed	
13	2221047	1	Fitting, Elbow Barbed	
15	2720058	3.5 ft/ 1.1m	Hose, Fuel Line	
16	2720271	5.5 ft/ 1.8m	Hose, Fuel Line	
20	2820232	1	Insulation, Noise Reduction	
22	3311605	2	Nut 3/8	
23	3460492	1	Tube, Exhaust	
27	3960389	5.6 ft/ 1.8m	Seal, Rubber	
28	3960418	1.1 ft/ 0.3m	Seal, Rubber	
30	3980035	1	Seat, Battery	
31	4240018	AR	Tie-Strap	
32	4240178	1	Strap, Cable Tie	
34	4711400	4	Washer 1/4	
35	4711600	4	Washer 3/8	
37	4751600	4	Washer 3/8	
39	1001248082	1	Engine, Kubota Assembly (See Separate Breakdown in this Section)	
40	1001196117	1	Battery, AGM	
41	1001199409	1	Harness, Generator (See Separate Breakdown in ELECTRICAL Section)	
42	1001208628	1	Sleeve	
43	4920385	8.5 in/ 21.6cm	Wire, Safety	
52	1380158	2	Clip	
53	1001165035	3.5 in/ 8.89cm	Hose	
54	1001221386	1	Adapter	
100	1001200381	1	Battery Cable Kit	
101	1060819	1	Cable, Battery (Battery - to Ground)	
102	1060820	1	Cable, Battery (Battery + to Starter)	
103	1001202373	1	Cable, Battery (Generator + to Contactor Panel)	
104	1001202374	1	Cable, Battery (Generator - to Contactor Panel)	

FIGURE 3-3. KUBOTA ENGINE ASSEMBLY (H600SJ/H600JP ONLY)

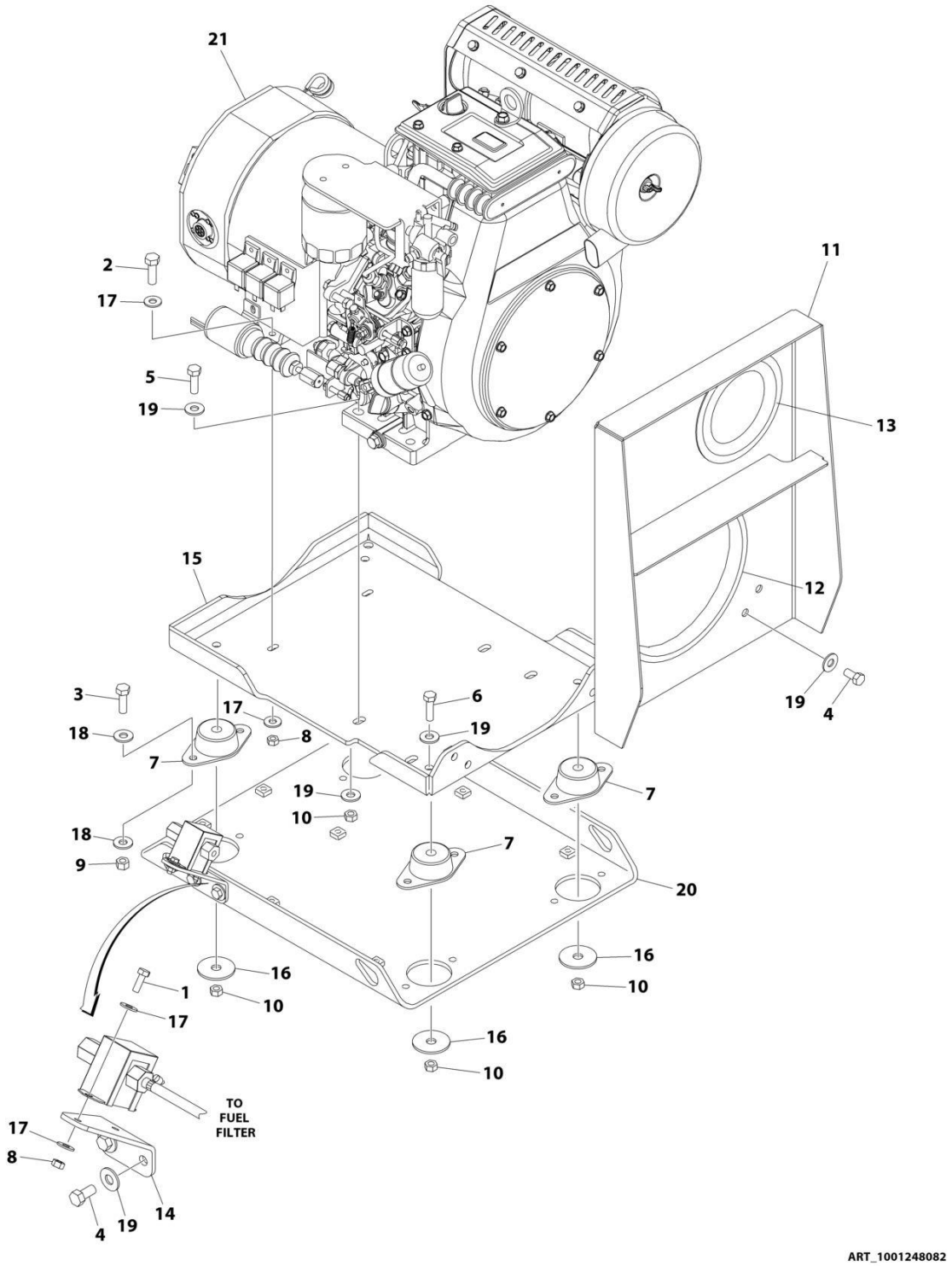


FIGURE 3-3. KUBOTA ENGINE ASSEMBLY (H600SJ/H600JP ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248082	Ref	KUBOTA ENGINE ASSEMBLY	B
1	0641406	2	Bolt 1/4 x 3/4	
2	0641408	2	Bolt 1/4 x 1	
3	0641508	8	Bolt 5/16 x 1	
4	0641606	6	Bolt 3/8 x 3/4	
5	0641614	4	Bolt 3/8 x 1-3/4	
6	0641618	4	Bolt 3/8 x 2-1/4	
7	3200425	4	Mount, Motor	
8	3311405	4	Nut 1/4	
9	3311505	8	Nut 5/16	
10	3311605	8	Nut 3/8	
11	3380620	1	Engine, Baffle	
12	3960389	18 in /46cm	Seal	
13	3960418	28 in /71cm	Seal	
14	4341107	1	Plate, Fuel Pump Mounting	
15	4341109	1	Plate, Engine Mounting	
16	4740274	4	Washer, Snubbing	
17	4751400	8	Washer 1/4	
18	4751500	16	Washer 5/16	
19	4751600	18	Washer 3/8	
20	4846188	1	Tray	
21	1001248080	1	Engine, Kubota (See Separate Breakdown in this Section)	

FIGURE 3-4. KUBOTA ENGINE COMPONENTS (H600SJ/H600JP ONLY)

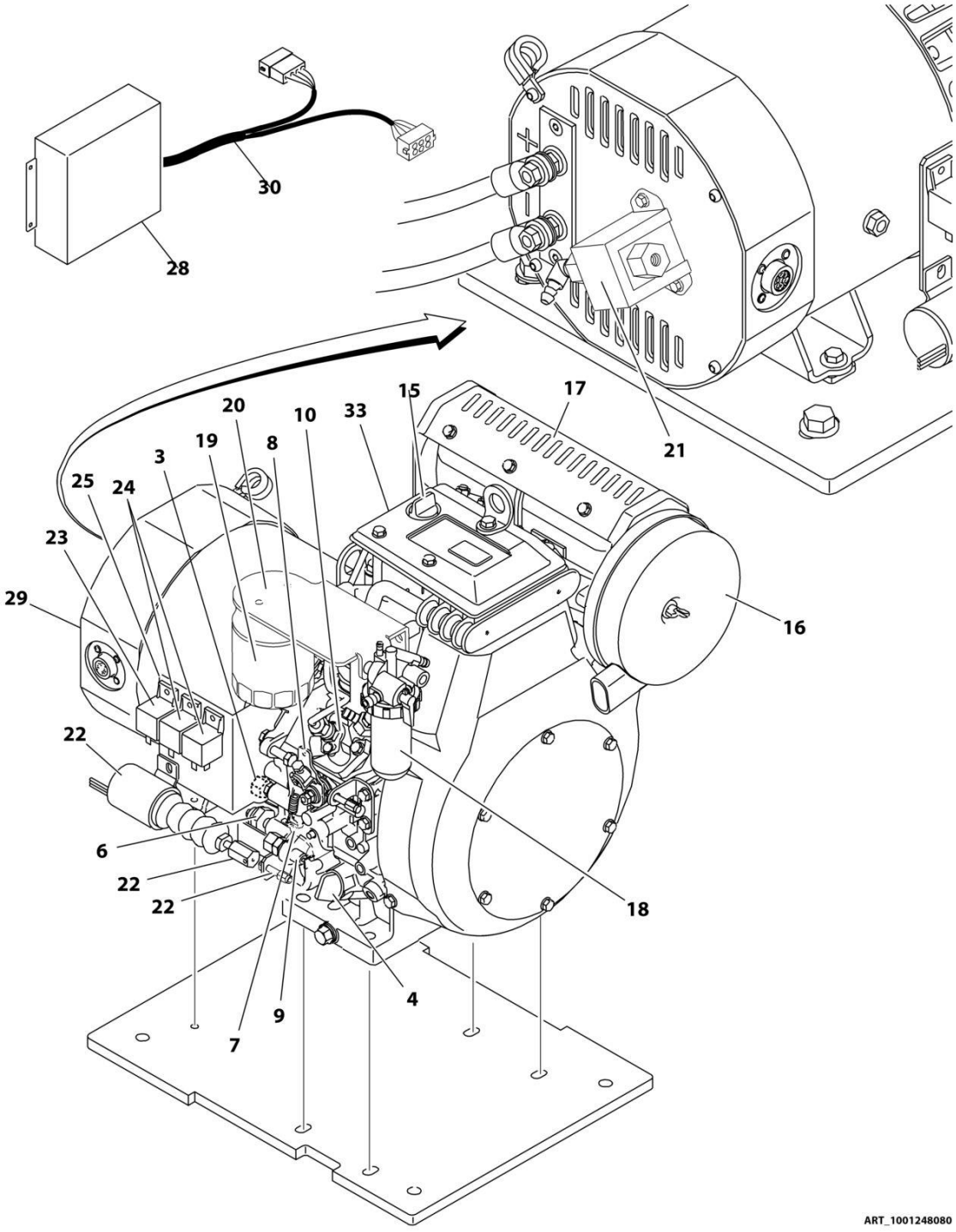


FIGURE 3-4. KUBOTA ENGINE COMPONENTS (H600SJ/H600JP ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248080	Ref	KUBOTA MOTOR/GENERATOR COMPONENTS	A
1	70000290	1	Glow Plug (Not Shown)	
1	70000291	1	Harness, Glow Plug (Not Shown)	
2	70000292	1	Screen, Oil Sump (Includes O-Ring) (Not Shown)	
3	70000293	1	Cap, Oil Filler (Includes O-Ring)	
4	70000294	1	Dipstick	
5	70000295	1	Pump, Oil Rotor (Not Shown - Located beside Item 6)	
5	70000296	1	O-Ring Oil Rotor Pump (Not Shown)	
6	70000297	1	Switch, Oil	
7	70000298	1	Lever, Governor	
7	70000299	1	Pin, Governor Lever	
7	70000300	1	Spring, Governor Lever	
8	70000301	1	Spring, Idling	
8	70000304	1	Lever, Spring Control	
8	70000305	1	Spring, Stop (Speed Control Lever)	
9	70000302	1	Valve, Fuel Limit	
9	70000303	1	Gasket, Fuel Limit	
10	70000306	1	Pump, Injection	
10	70000307	1	Kit, Pump Adjustment Shim	
11	70000308	1	Flywheel/Ring Gear Assembly (Not Shown - Located Behind Front Cover)	
11	70000309	1	Ring Gear (Not Shown)	
11	70001121	1	Stator, Engine (Not Shown - Located Behind Flywheel) (Includes Coil & Grommet)	
12	70003557	1	Regulator, Voltage (Not Shown - Located on Opposite Side of Engine)	
13	70000310	1	Starter (Not Shown - Located on Opposite of Engine)	
14	70000311	1	Solenoid, Starter (Not Shown - Located on Opposite Side of Engine)	
15	70002244	1	Cap, Oil Filler (Includes O-Ring)	
16	70000312	1	Air Filter Assembly	
16	70000313	1	Element, Air Cleaner	
16	70000314	1	Gasket, Air Cleaner	
17	70000315	1	Muffler Assembly	
17	70000316	1	Gasket, Muffler	
18	70000317	1	Inline Fuel Check Valve Assembly	
18	70000967	1	Fuel Filter Assembly	
18	70000318	1	Element, Fuel Filter	
19	70000319	1	Element, Oil Filter	
19	70001144	1	Head, Oil Filter Head (Note: Does Not Include Element)	
20	70002544	1	Bracket, Oil Filter Mount	
21	70000320	1	Pump, Fuel	
22	70000321	1	Solenoid, Fuel	
22	70003618	1	Adapter, Solenoid	
22	70003619	1	Screw	
23	70000322	1	Relay	
24	70000323	2	Relay	
25	70002083	1	Bracket, Solenoid/Relay	
26	70000324	1	Sensor, Speed (Not Shown - Located Inside Front Cover)	
26	70004265	1	Bracket, Speed Sensor (Not Show - Located Inside Front Cover)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
27	70000325	1	Sensor, Oil Temperature (Not Shown - Located on Opposite Side of Engine Base)	
28	70000326	1	Module, Engine Control	
29	70000327	1	Alternator	
29	70000382	1	Stator, Alternator	
29	70004394	1	Lead, Field Terminal Block Diode	
30	70000328	1	Harness, Generator	
31	70000329	1	Fuse 15Amp (Not Shown)	
32	70000330	1	Fuse 20Amp (Not Shown)	
33	70002543	1	Engine, Kubota (without Generator)	
34	70000289	1	Regulator, Voltage (Not Shown - Located on Opposite Side of Engine)	

FIGURE 3-5. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

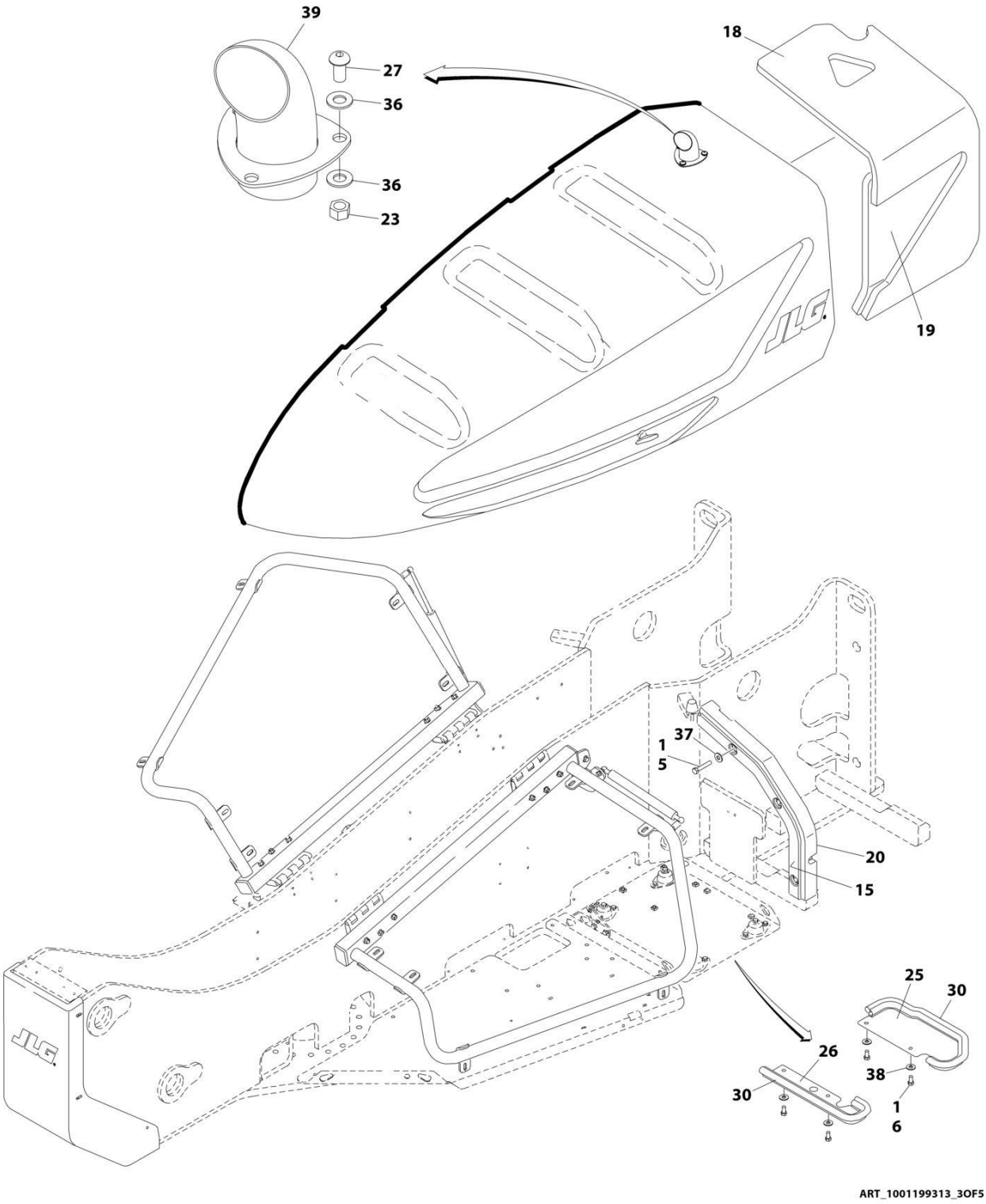


FIGURE 3-5. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	EXHAUST STACK AND BAFFLES INSTALLATION - WITH STANDARD BATTERIES	G
1	0100011	AR	Compound, Locking	
5	0641514	3	Bolt 5/16 x 1-3/4	
6	0641606	4	Bolt 3/8 x 3/4	
15	2680482	1	Trim, Hood	
18	2820122	1	Insulation	
19	2820123	1	Insulation	
20	2820126	1	Insulator	
23	3311605	3	Nut 3/8	
25	3572348	1	Plate, Cover	
26	3572349	1	Plate, Cover	
27	3900283	3	Screw	
30	3960464	4 ft/ 1.2m	Seal	
36	4711600	6	Washer 3/8	
37	4751500	3	Washer 5/16	
38	4751600	4	Washer 3/8	
39	4846210	1	Tube, Exhaust	

FIGURE 3-6. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

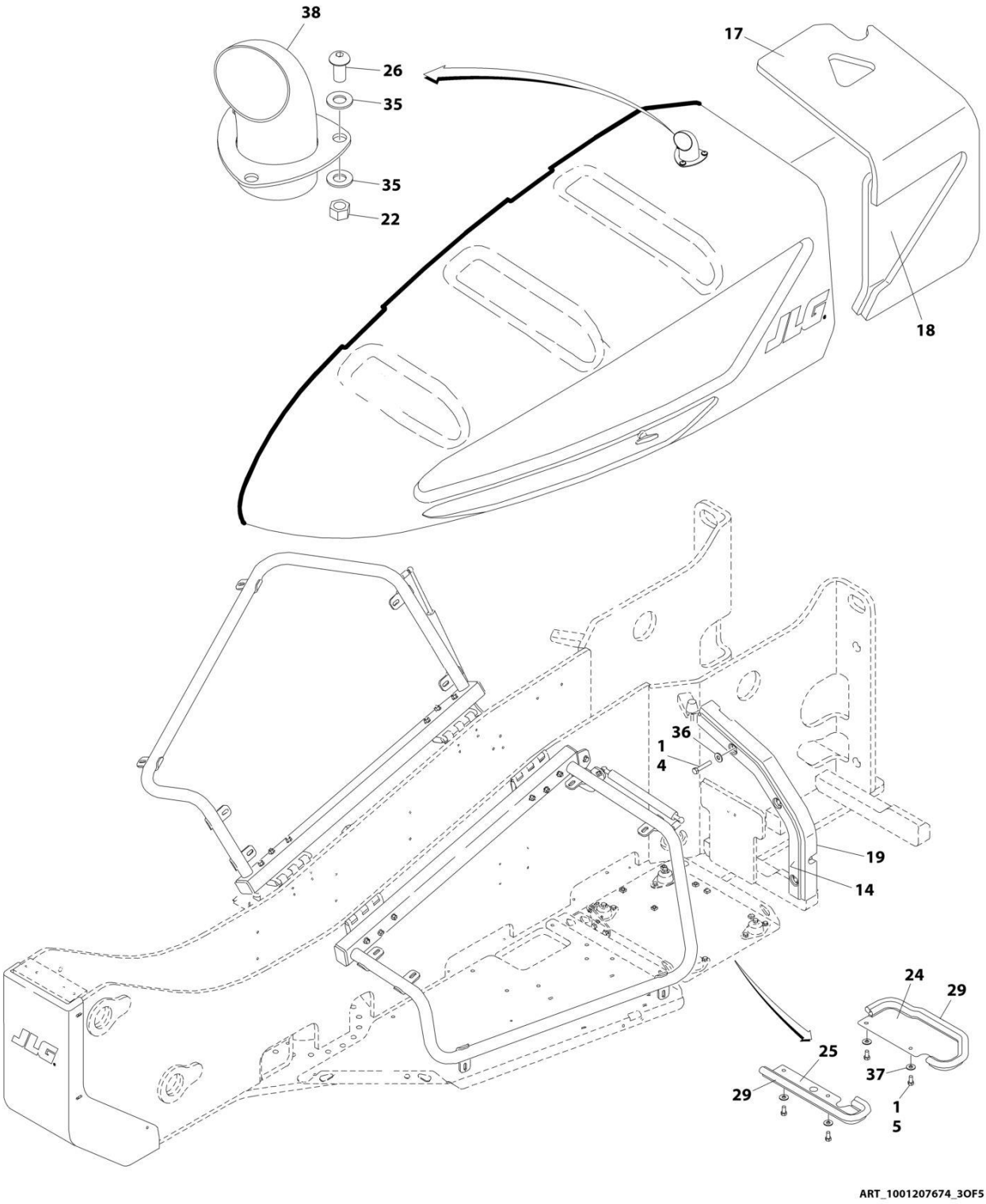


FIGURE 3-6. EXHAUST STACK AND HOOD BAFFLES INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	EXHAUST STACK AND BAFFLES INSTALLATION - WITH STANDARD BATTERIES	F
1	0100011	AR	Compound, Locking	
4	0641514	3	Bolt 5/16 x 1-3/4	
5	0641606	4	Bolt 3/8 x 3/4	
14	2680482	1	Trim, Hood	
17	2820122	1	Insulation	
18	2820123	1	Insulation	
19	2820126	1	Insulator	
22	3311605	3	Nut 3/8	
24	3572348	1	Plate, Cover	
25	3572349	1	Plate, Cover	
26	3900283	3	Screw	
29	3960464	4 ft/1.2m	Seal	
35	4711600	6	Washer 3/8	
36	4751500	3	Washer 5/16	
37	4751600	4	Washer 3/8	
38	4846210	1	Tube, Exhaust	

SECTION 4 - BOOM

SECTION 4 - BOOM

FIGURE 4-1. BOOM INSTALLATION (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)

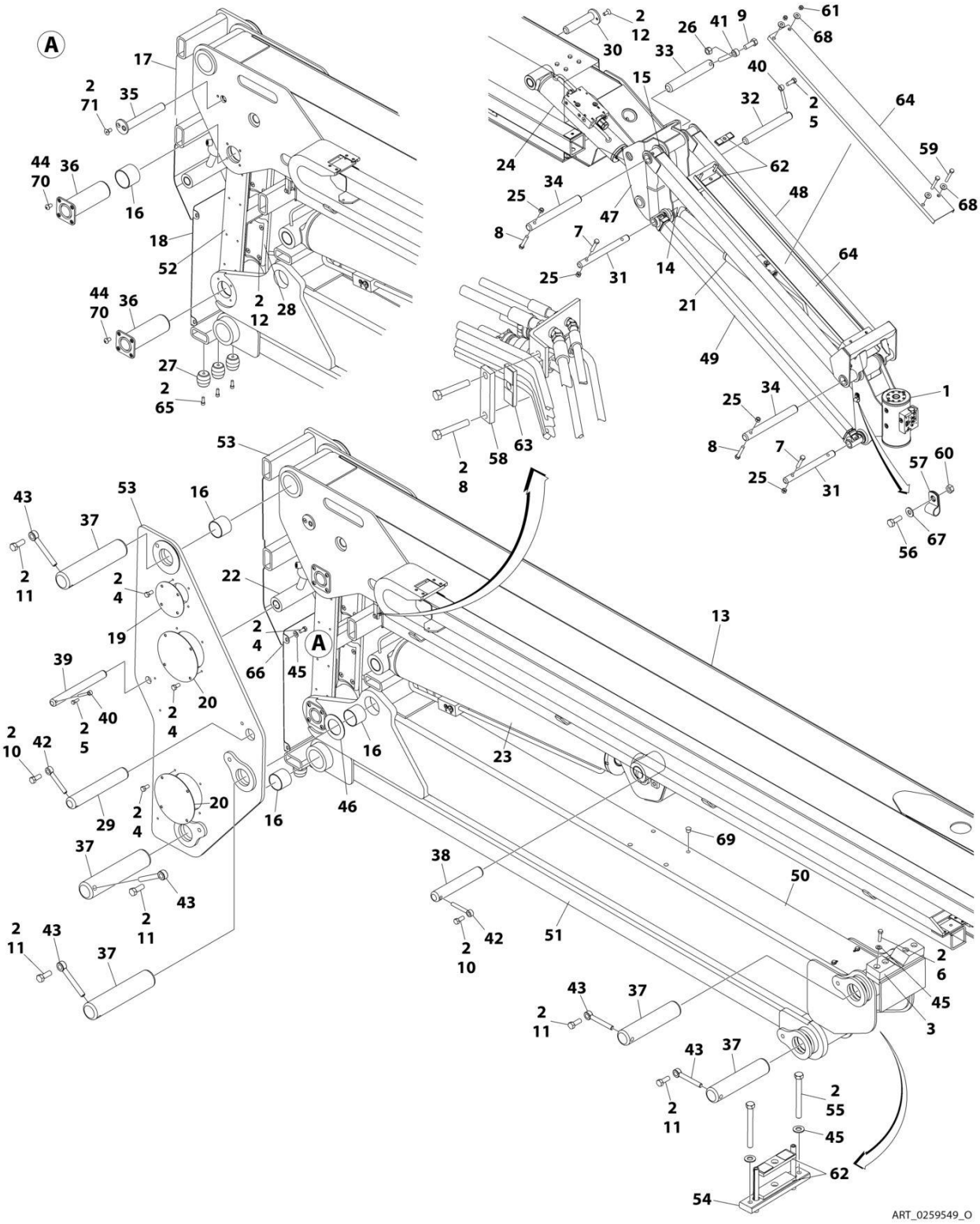


FIGURE 4-1. BOOM INSTALLATION (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259549	Ref	BOOM INSTALLATION	O
1	1001217779	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
2	0100011	AR	Compound, Locking	
3	0561380	2	Block, Boom Rest	
4	0641606	32	Bolt 3/8 x 3/4	
5	0641608	2	Bolt 3/8 x 1	
6	0641612	4	Bolt 3/8 x 1-1/2	
7	0641616	4	Bolt 3/8 x 2	
8	0641618	4	Bolt 3/8 x 2-1/4	
9	0641811	1	Bolt 1/2 x 1-3/8	
10	0642012	2	Bolt 5/8 x 1-1/2	
11	0642216	5	Bolt 3/4 x 2	
12	0741607	17	Screw 3/8 x 7/8	
13	0801207	1	Main Boom Assembly (See Separate Breakdown in this Section)	
14	0962292	2	Bushing	
15	0961951	2	Bushing	
16	0962297	12	Bushing	
17	1670911	1	Cover, Upright Upper	
18	1670912	1	Cover, Upright Lower	
19	1670913	2	Cover, Pin	
20	1670928	4	Cover, Pin	
21	1001140282	1	Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER Section)	
22	1683866	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
23	1001251014	1	Lift Cylinder Assembly - Main Boom (See Separate Breakdown in CYLINDER Section)	
24	1001140596	1	Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER Section)	
25	3311605	6	Nut 3/8	
26	3311805	1	Nut 1/2	
27	4160187	3	Spring, Rubber	
28	3340873	4	Pad, Hose Guide	
29	3422568	1	Pin	
30	3422583	1	Pin	
31	3422791	2	Pin	
32	3422792	1	Pin	
33	3422793	1	Pin	
34	3422794	2	Pin	
35	3422808	1	Pin	
36	3422811	2	Pin	
37	3422830	5	Pin	
38	3422833	1	Pin	
39	3422834	1	Pin	
40	3841143	2	Keeper, Pin 3/8	
41	3841203	1	Keeper, Pin 1/2	
42	3841258	2	Keeper, Pin 5/8	
43	3841287	5	Keeper, Pin 3/4	
44	3900280	8	Screw 3/8 x 5/8	
45	4711600	14	Washer 3/8	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	4740492	2	Thrustwasher	
47	4845925	1	Pivot Weldment	
48	4846278	1	Link, Jib (Top)	
49	1001094670	2	Link, Jib (Bottom)	
50	4846066	1	Tower Boom Weldment	
51	4846067	1	Tower Link Weldment	
52	4846074	1	Upright Link Weldment	
53	4846075	1	Upright Weldment	
54	0362929	1	Clamp, Bar	
55	0630539	2	Capscrew 3/8 x 2-1/4	
56	0641406	2	Bolt 1/4 x 3/4	
57	1320070	2	Clamp, Cable	
58	1320277	1	Clamp, Hose	
59	0641518	2	Bolt 5/16 x 2-1/4	
60	3311405	2	Nut 1/4	
61	3311501	4	Nut 5/16	
62	3340860	6	Pad, Rubber	
63	3340861	2	Pad, Rubber	
64	3572551	2	Channel, Hose Carrier	
65	3931616	3	Bolt 3/8 x 2	
66	3960418	10 in/ 25cm	Seal	
67	4711400	2	Washer 1/4	
68	4751500	6	Washer 5/16	
69	3520034	4	Plug, Hole	
70	0100019	AR	Compound, Locking	
71	0741606	1	Bolt 3/8 x 3/4	

SECTION 4 - BOOM

FIGURE 4-2. BOOM INSTALLATION (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH B3)

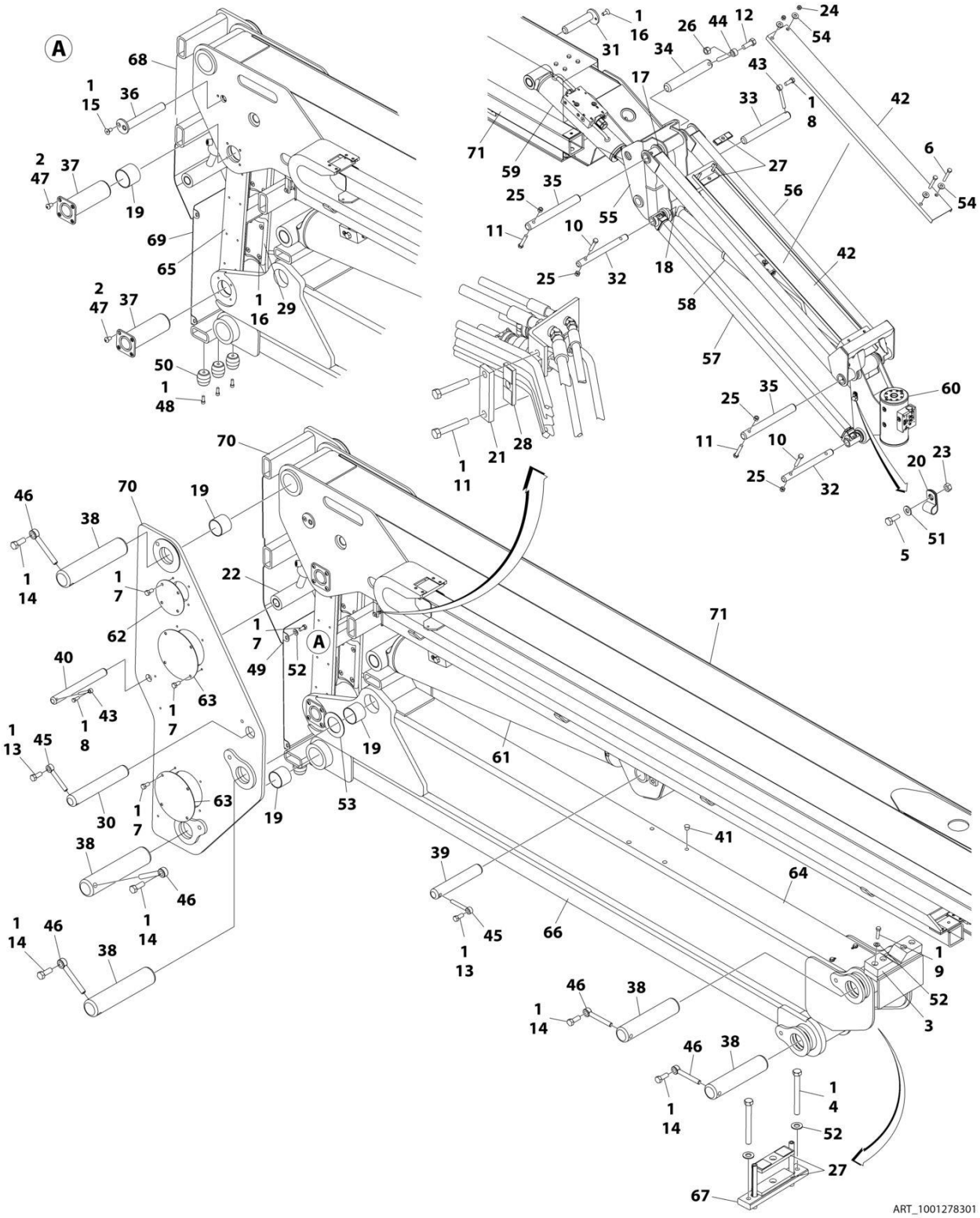


FIGURE 4-2. BOOM INSTALLATION (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278301	Ref	BOOM INSTALLATION (EC600SJ)	B
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0561380	2	Block, Boom Rest	
4	0630539	2	Capscrew 3/8 x 2-1/4	
5	0641406	2	Bolt 1/4 x 3/4	
6	0641518	2	Bolt 5/16 x 2-1/4	
7	0641606	32	Bolt 3/8 x 3/4	
8	0641608	2	Bolt 3/8 x 1	
9	0641612	4	Bolt 3/8 x 1-1/2	
10	0641616	4	Bolt 3/8 x 2	
11	0641618	4	Bolt 3/8 x 2-1/4	
12	0641811	1	Bolt 1/2 x 1-3/8	
13	0642012	2	Bolt 5/8 x 1-1/2	
14	0642216	5	Bolt 3/4 x 2	
15	0741606	1	Bolt 3/8 x 3/4	
16	0741607	17	Screw 3/8 x 7/8	
17	0961951	2	Bushing	
18	0962292	2	Bushing	
19	0962297	12	Bushing	
20	1320070	2	Clamp, Cable	
21	1320277	1	Clamp, Hose	
22	1683866	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
23	3311405	2	Nut 1/4	
24	3311501	4	Nut 5/16	
25	3311605	6	Nut 3/8	
26	3311805	1	Nut 1/2	
27	3340860	6	Pad, Rubber	
28	3340861	2	Pad, Rubber	
29	3340873	4	Pad, Hose Guide	
30	3422568	1	Pin	
31	3422583	1	Pin	
32	3422791	2	Pin	
33	3422792	1	Pin	
34	3422793	1	Pin	
35	3422794	2	Pin	
36	3422808	1	Pin	
37	3422811	2	Pin	
38	3422830	5	Pin	
39	3422833	1	Pin	
40	3422834	1	Pin	
41	3520034	4	Plug, Hole	
42	3572551	2	Channel, Hose Carrier	
43	3841143	2	Keeper, Pin 3/8	
44	3841203	1	Keeper, Pin 1/2	
45	3841258	2	Keeper, Pin 5/8	
46	3841287	5	Keeper, Pin 3/4	
47	3900280	8	Screw 3/8 x 5/8	
48	3931616	3	Bolt 3/8 x 2	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	3960418	10 in/ 25cm	Seal	
50	4160187	3	Spring, Rubber	
51	4711400	2	Washer 1/4	
52	4711600	14	Washer 3/8	
53	4740492	2	Thrustwasher	
54	4751500	6	Washer 5/16	
55	4845925	1	Pivot Weldment	
56	4846278	1	Link, Jib (Top)	
57	1001094670	2	Link, Jib (Bottom)	
58	1001140282	1	Lift Cylinder Assembly - Jib (See Separate Breakdown in CYLINDER Section)	
59	1001140596	1	Level Cylinder Assembly - Platform Slave (See Separate Breakdown in CYLINDER Section)	
60	1001217779	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
61	1001251014	1	Lift Cylinder Assembly - Main Boom (See Separate Breakdown in CYLINDER Section)	
62	1001276068	2	Plate, Pin	
63	1001276113	4	Plate, Pin	
64	1001276159	1	Tower Boom Mount	
65	1001276163	1	Boom Link Mount	
66	1001276169	1	Tower Link Mount	
67	1001276170	1	Clamp, Bar	
68	1001276178	1	Cover, Upright Upper	
69	1001276179	1	Cover, Upright Lower	
70	1001276239	1	Upright Mount	
71	1001278302	1	Boom Assembly (See Separate Breakdown in this Section)	

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FIGURE 4-3. BOOM INSTALLATION (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)

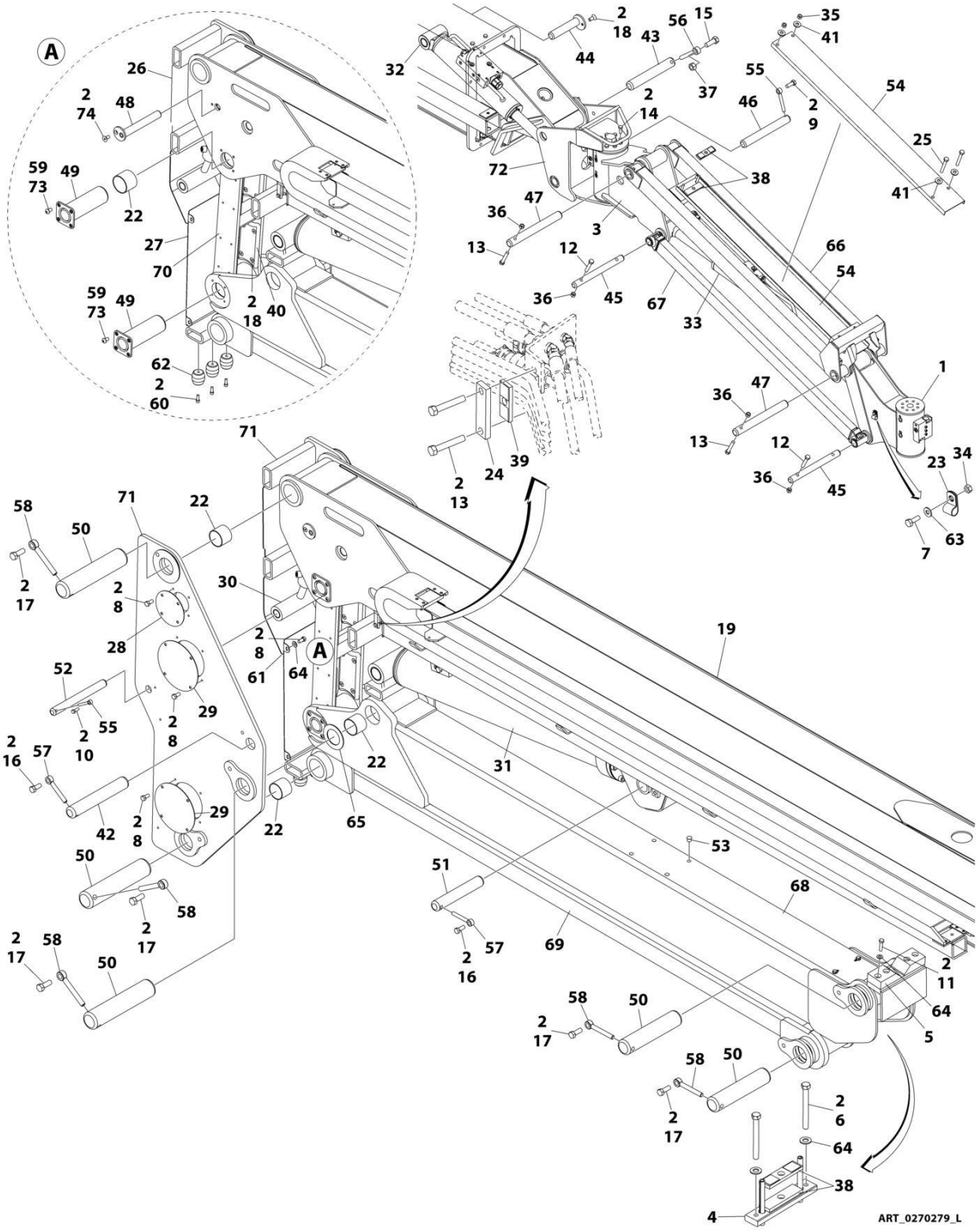


FIGURE 4-3. BOOM INSTALLATION (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270279	Ref	BOOM INSTALLATION	L
1	0060056	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
2	0100011	AR	Compound, Locking	
3	0060057	1	Jib Rotator Assembly (See Separate Breakdown in this Section)	
4	0362929	1	Clamp, Bar	
5	0561380	2	Block, Boom Rest	
6	0630539	2	Capscrew 3/8 x 2-1/4	
7	0641406	2	Bolt 1/4 x 3/4	
8	0641606	32	Bolt 3/8 x 3/4	
9	0641607	1	Bolt 3/8 x 7/8	
10	0641608	1	Bolt 3/8 x 1	
11	0641612	4	Bolt 3/8 x 1-1/2	
12	0641616	4	Bolt 3/8 x 2	
13	0641618	4	Bolt 3/8 x 2-1/4	
14	0641810	8	Bolt 1/2 x 1-1/4	
15	0641812	1	Bolt 1/2 x 1-1/2	
16	0642012	2	Bolt 5/8 x 1-1/2	
17	0642216	5	Bolt 3/4 x 2	
18	0741607	17	Screw 3/8 x 7/8	
19	0801239	1	Main Boom Assembly (See Separate Breakdown in this Section)	
22	0962297	12	Bushing	
23	1320070	2	Clamp, Cable	
24	1320277	1	Clamp, Hose	
25	0641518	2	Bolt 5/16 x 2-1/4	
26	1670911	1	Cover, Upright Upper	
27	1670912	1	Cover, Upright Lower	
28	1670913	2	Cover, Pin	
29	1670928	4	Cover, Pin	
30	1683866	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
31	1001228014	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
32	1001140596	1	Level Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
33	1001140282	1	Jib Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
34	3311405	2	Nut 1/4	
35	3311501	4	Nut 5/16	
36	3311605	6	Nut 3/8	
37	3311805	1	Nut 1/2	
38	3340860	6	Pad, Rubber	
39	3340861	2	Pad, Rubber	
40	3340873	4	Pad, Hose Guide	
41	4751500	6	Washer 5/16	
42	3422568	1	Pin	
43	3422576	1	Pin	
44	3422583	1	Pin	
45	3422791	2	Pin	
46	3422792	1	Pin	
47	3422794	2	Pin	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	3422808	1	Pin	
49	3422811	2	Pin	
50	3422830	5	Pin	
51	3422833	1	Pin	
52	3422834	1	Pin	
53	3520034	4	Plug, Hole	
54	3572551	2	Channel, Hose Carrier	
55	3841143	2	Keeper, Pin 3/8	
56	3841203	1	Keeper, Pin 1/2	
57	3841258	2	Keeper, Pin 5/8	
58	3841287	5	Keeper, Pin 3/4	
59	3900280	8	Screw 3/8 x 5/8	
60	3931616	3	Bolt 3/8 x 2	
61	3960418	10 in /53cm	Seal	
62	4160187	3	Spring, Rubber	
63	4711400	2	Washer 1/4	
64	4711600	14	Washer 3/8	
65	4740492	2	Thrustwasher	
66	4846278	1	Link, Jib (Top)	
67	1001094670	2	Link, Jib (Bottom)	
68	4846066	1	Tower Boom Weldment	
69	4846067	1	Tower Link Weldment	
70	4846074	1	Upright Link Weldment	
71	4846075	1	Upright Weldment	
72	4846258	1	Pivot Weldment	
73	0100019	AR	Compound, Locking	
74	0741606	1	Bolt 3/8 x 3/4	

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FIGURE 4-4. BOOM INSTALLATION (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH B3)

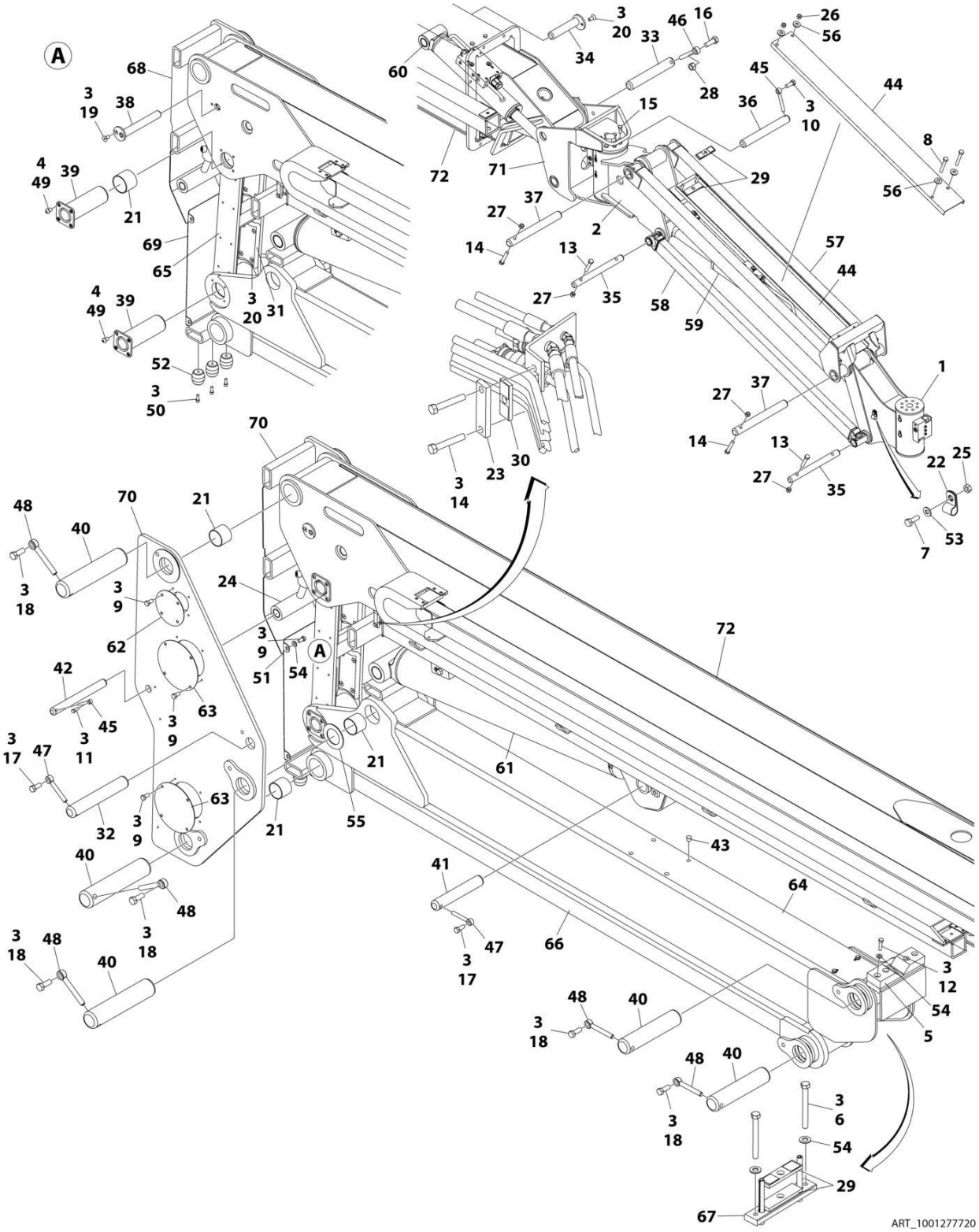


FIGURE 4-4. BOOM INSTALLATION (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277720	Ref	BOOM INSTALLATION (EC600SJP)	B
1	0060056	1	Platform Rotator Assembly (See Separate Breakdown in this Section)	
2	0060057	1	Jib Rotator Assembly (See Separate Breakdown in this Section)	
3	0100011	AR	Compound, Locking	
4	0100019	AR	Compound, Locking	
5	0561380	2	Block, Boom Rest	
6	0630539	2	Capscrew 3/8 x 2-1/4	
7	0641406	2	Bolt 1/4 x 3/4	
8	0641518	2	Bolt 5/16 x 2-1/4	
9	0641606	32	Bolt 3/8 x 3/4	
10	0641607	1	Bolt 3/8 x 7/8	
11	0641608	1	Bolt 3/8 x 1	
12	0641612	4	Bolt 3/8 x 1-1/2	
13	0641616	4	Bolt 3/8 x 2	
14	0641618	4	Bolt 3/8 x 2-1/4	
15	0641810	8	Bolt 1/2 x 1-1/4	
16	0641812	1	Bolt 1/2 x 1-1/2	
17	0642012	2	Bolt 5/8 x 1-1/2	
18	0642216	5	Bolt 3/4 x 2	
19	0741606	1	Bolt 3/8 x 3/4	
20	0741607	17	Screw 3/8 x 7/8	
21	0962297	12	Bushing	
22	1320070	2	Clamp, Cable	
23	1320277	1	Clamp, Hose	
24	1683866	1	Master Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
25	3311405	2	Nut 1/4	
26	3311501	4	Nut 5/16	
27	3311605	6	Nut 3/8	
28	3311805	1	Nut 1/2	
29	3340860	6	Pad, Rubber	
30	3340861	2	Pad, Rubber	
31	3340873	4	Pad, Hose Guide	
32	3422568	1	Pin	
33	3422576	1	Pin	
34	3422583	1	Pin	
35	3422791	2	Pin	
36	3422792	1	Pin	
37	3422794	2	Pin	
38	3422808	1	Pin	
39	3422811	2	Pin	
40	3422830	5	Pin	
41	3422833	1	Pin	
42	3422834	1	Pin	
43	3520034	4	Plug, Hole	
44	3572551	2	Channel, Hose Carrier	
45	3841143	2	Keeper, Pin 3/8	
46	3841203	1	Keeper, Pin 1/2	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	3841258	2	Keeper, Pin 5/8	
48	3841287	5	Keeper, Pin 3/4	
49	3900280	8	Screw 3/8 x 5/8	
50	3931616	3	Bolt 3/8 x 2	
51	3960418	10 in /25cm	Seal	
52	4160187	3	Spring, Rubber	
53	4711400	2	Washer 1/4	
54	4711600	14	Washer 3/8	
55	4740492	2	Thrustwasher	
56	4751500	6	Washer 5/16	
57	4846278	1	Link, Jib (Top)	
58	1001094670	2	Link, Jib (Bottom)	
59	1001140282	1	Jib Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
60	1001140596	1	Level Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
61	1001251014	1	Lift Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
62	1001276068	2	Plate, Pin	
63	1001276113	4	Plate, Pin	
64	1001276159	1	Tower Boom Mount	
65	1001276163	1	Boom Link Mount	
66	1001276169	1	Tower Link Mount	
67	1001276170	1	Clamp, Bar	
68	1001276178	1	Cover, Upright Upper	
69	1001276179	1	Cover, Upright Lower	
70	1001276239	1	Upright Mount	
71	1001276316	1	Pivot Weldment	
72	1001277722	1	Boom Assembly (See Separate Breakdown in this Section)	

FIGURE 4-5. MAIN BOOM ASSEMBLY (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)

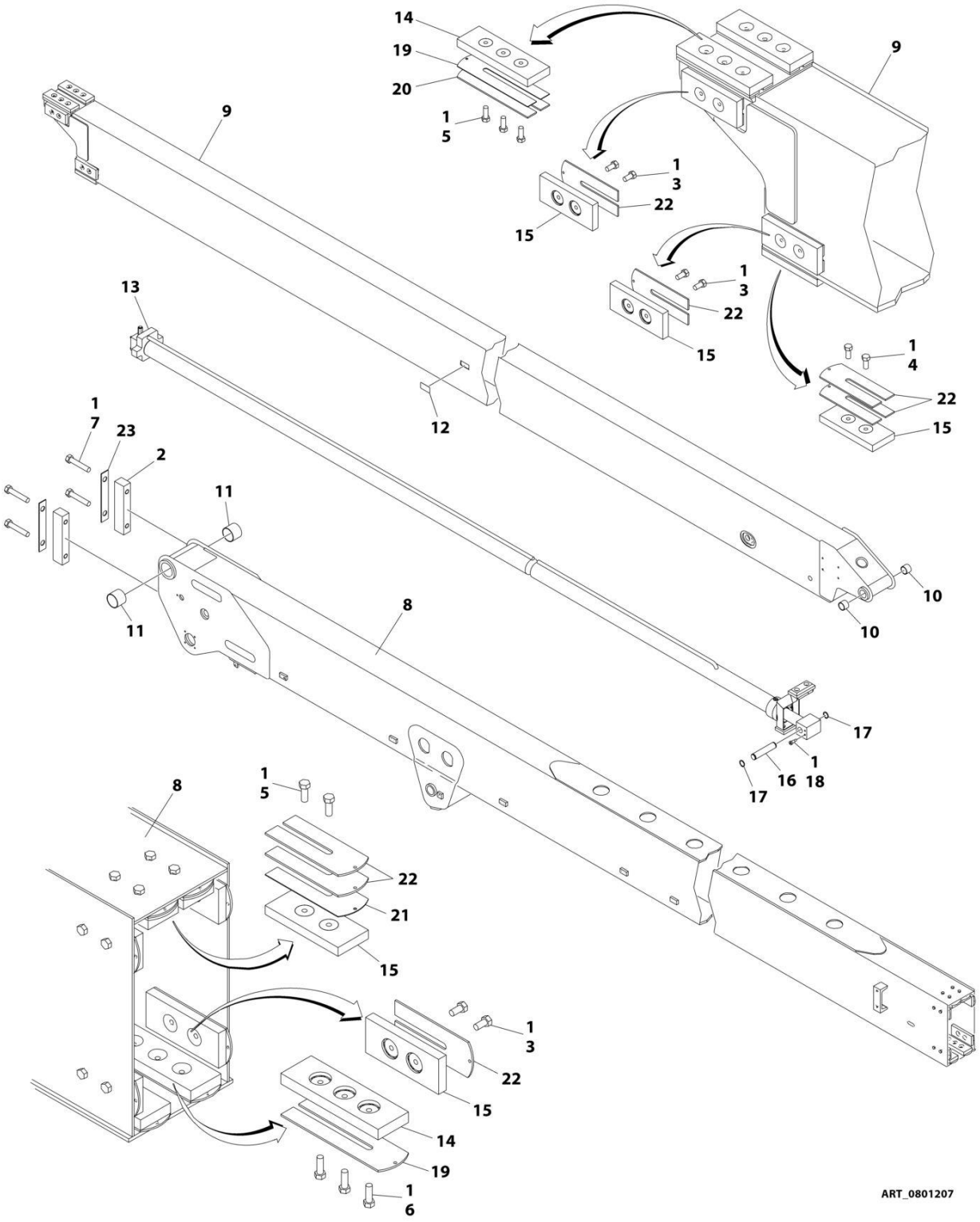


FIGURE 4-5. MAIN BOOM ASSEMBLY (EC600SJ/H600SJ) (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0801207	Ref	MAIN BOOM ASSEMBLY	F
1	0100011	AR	Compound, Locking	
2	0561185	2	Block, Telescope Attach	
3	0641606	16	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0641608	10	Bolt 3/8 x 1	
6	0641609	6	Bolt 3/8 x 1-1/8	
7	0641616	4	Bolt 3/8 x 2	
8	0801606	1	Base Boom Weldment	
9	0801582	1	Fly Boom Weldment	
10	0961948	2	Bearing	
11	0962297	2	Bearing	
12	1670836	6	Cover, Boom	
13	1001228017	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
14	3340871	4	Pad	
15	3340881	12	Pad	
16	3422457	1	Pin	
17	3760133	2	Ring, Retaining	
18	3900259	4	Screw, Shoulder	
19	4070863	4	Shim #11Ga	
20	4070864	2	Shim #18Ga	
21	4070897	2	Shim #18Ga	
22	4070898	16	Shim #11Ga	
23	4070929	2	Shim #16Ga	

FIGURE 4-6. BOOM ASSEMBLY (EC600SJ) (MACHINES WITH SN STARTING WITH B3)

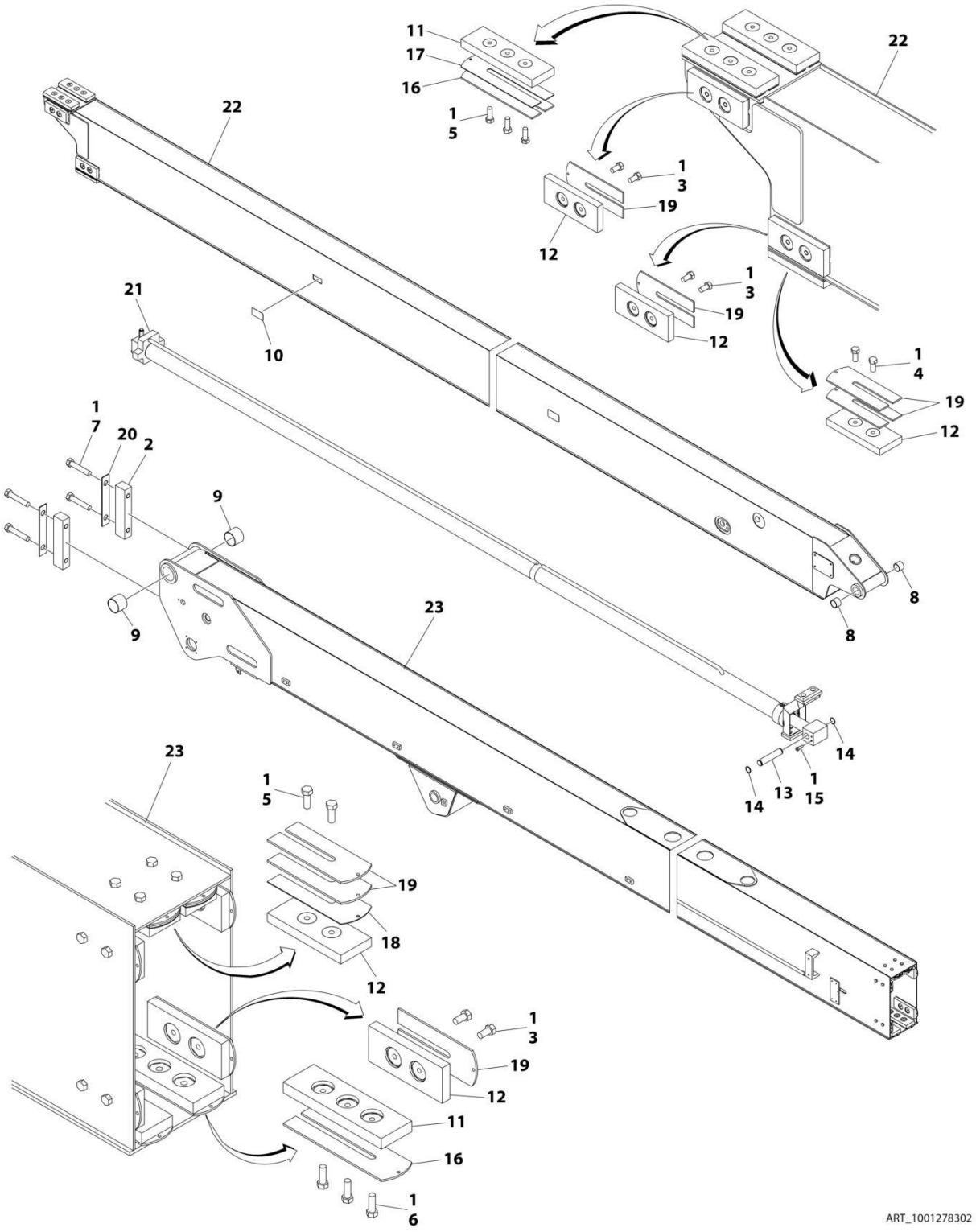


FIGURE 4-6. BOOM ASSEMBLY (EC600SJ) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001278302	Ref	BOOM ASSEMBLY (EC600SJ)	A
1	0100011	AR	Compound, Locking	
2	0561185	2	Block, Telescope Attach	
3	0641606	16	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0641608	10	Bolt 3/8 x 1	
6	0641609	6	Bolt 3/8 x 1-1/8	
7	0641616	4	Bolt 3/8 x 2	
8	0961948	2	Bearing	
9	0962297	2	Bearing	
10	1670836	6	Cover, Boom	
11	3340871	4	Pad	
12	3340881	12	Pad	
13	3422457	1	Pin	
14	3760133	2	Ring, Retaining	
15	3900259	4	Screw, Shoulder	
16	4070863	4	Shim #11Ga	
17	4070864	2	Shim #18Ga	
18	4070897	2	Shim #18Ga	
19	4070898	16	Shim #11Ga	
20	4070929	2	Shim #16Ga	
21	1001228017	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
22	1001278303	1	Fly Boom Weldment	
23	1001278306	1	Base Boom Weldment	

FIGURE 4-7. MAIN BOOM ASSEMBLY (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)

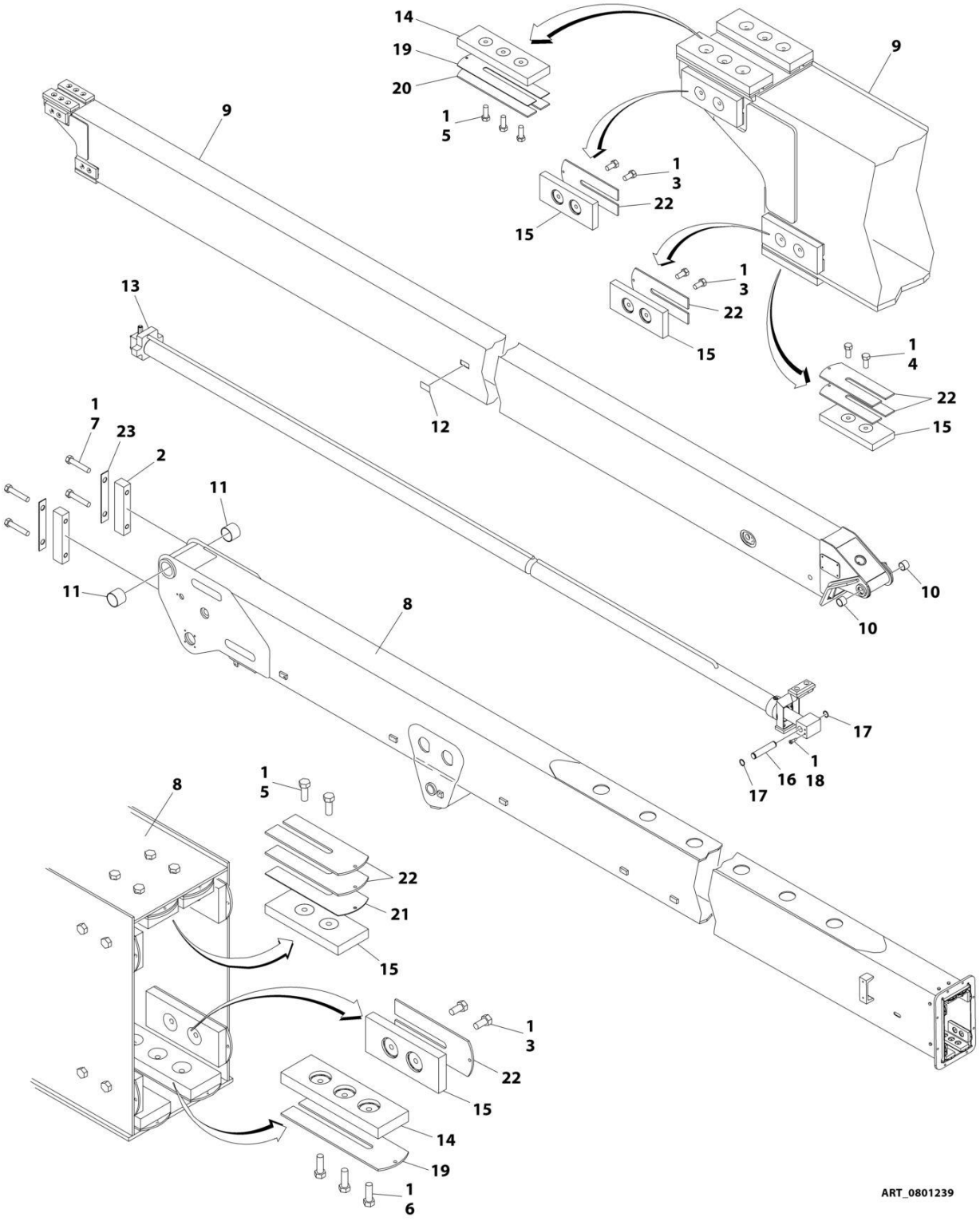


FIGURE 4-7. MAIN BOOM ASSEMBLY (EC600SJP/H600SJP) (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0801239	Ref	MAIN BOOM ASSEMBLY (E600JP/M600JP)	F
1	0100011	AR	Compound, Locking	
2	0561185	2	Block, Telescope Attach	
3	0641606	16	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0641608	10	Bolt 3/8 x 1	
6	0641609	6	Bolt 3/8 x 1-1/8	
7	0641616	4	Bolt 3/8 x 2	
8	0801611	1	Base Boom Weldment	
9	0801583	1	Fly Boom Weldment	
10	0961948	2	Bearing	
11	0962297	2	Bearing	
12	1670836	6	Cover, Boom	
13	1001228017	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
14	3340871	4	Pad	
15	3340881	12	Pad	
16	3422457	1	Pin	
17	3760133	2	Ring, Retaining	
18	3900259	4	Screw, Shoulder	
19	4070863	4	Shim #11Ga	
20	4070864	2	Shim #18Ga	
21	4070897	2	Shim #18Ga	
22	4070898	16	Shim #11Ga	
23	4070929	2	Shim #16Ga	

FIGURE 4-8. BOOM ASSEMBLY (EC600SJP) (MACHINES WITH SN STARTING WITH B3)

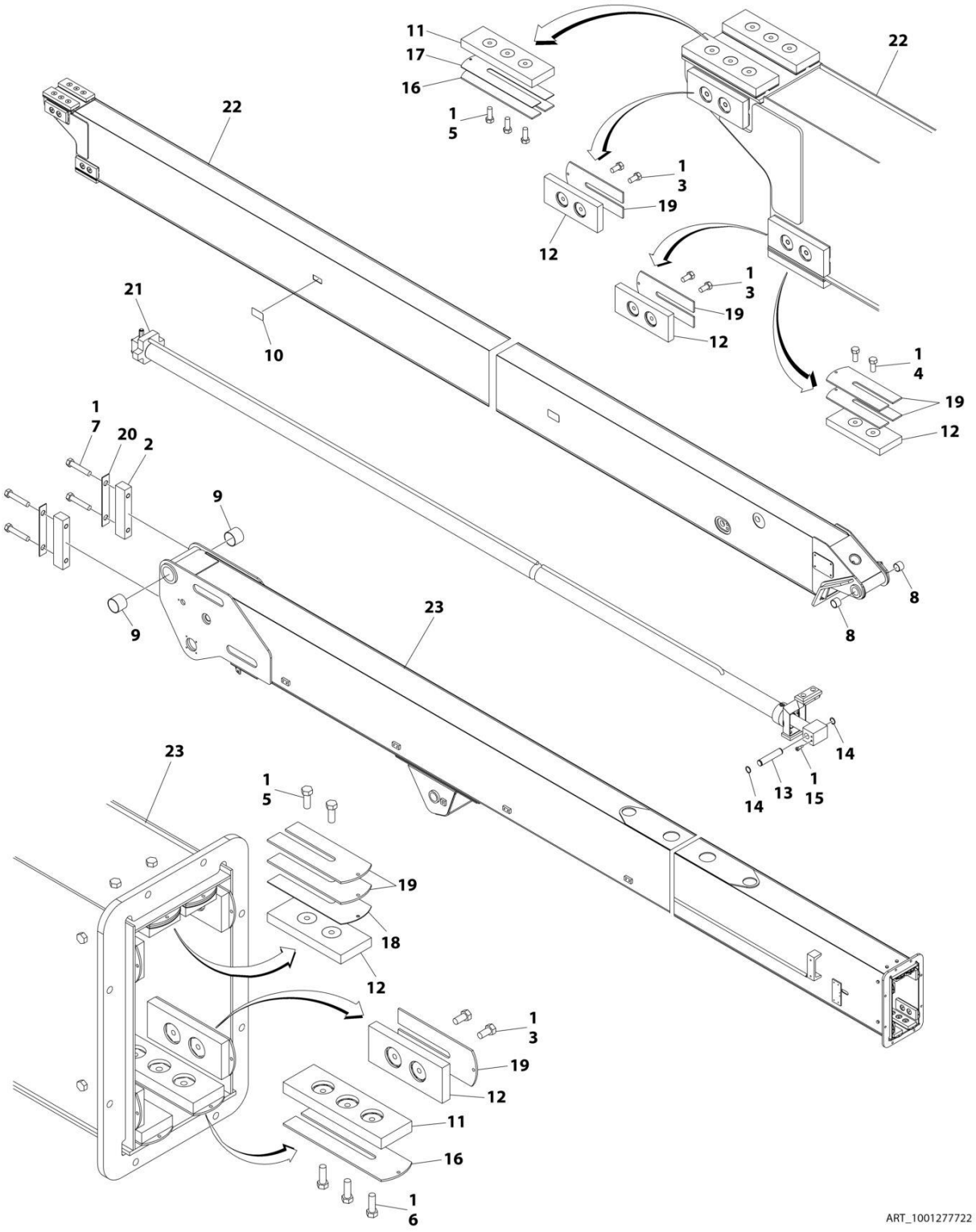


FIGURE 4-8. BOOM ASSEMBLY (EC600SJP) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001277722	Ref	BOOM ASSEMBLY (EC600SJP)	A
1	0100011	AR	Compound, Locking	
2	0561185	2	Block, Telescope Attach	
3	0641606	16	Bolt 3/8 x 3/4	
4	0641607	4	Bolt 3/8 x 7/8	
5	0641608	10	Bolt 3/8 x 1	
6	0641609	6	Bolt 3/8 x 1-1/8	
7	0641616	4	Bolt 3/8 x 2	
8	0961948	2	Bearing	
9	0962297	2	Bearing	
10	1670836	6	Cover, Boom	
11	3340871	4	Pad	
12	3340881	12	Pad	
13	3422457	1	Pin	
14	3760133	2	Ring, Retaining	
15	3900259	4	Screw, Shoulder	
16	4070863	4	Shim #11Ga	
17	4070864	2	Shim #18Ga	
18	4070897	2	Shim #18Ga	
19	4070898	16	Shim #11Ga	
20	4070929	2	Shim #16Ga	
21	1001228017	1	Telescope Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
22	1001276172	1	Fly Boom Weldment	
23	1001277693	1	Base Boom Weldment	

FIGURE 4-9. POWER TRACK ASSEMBLY

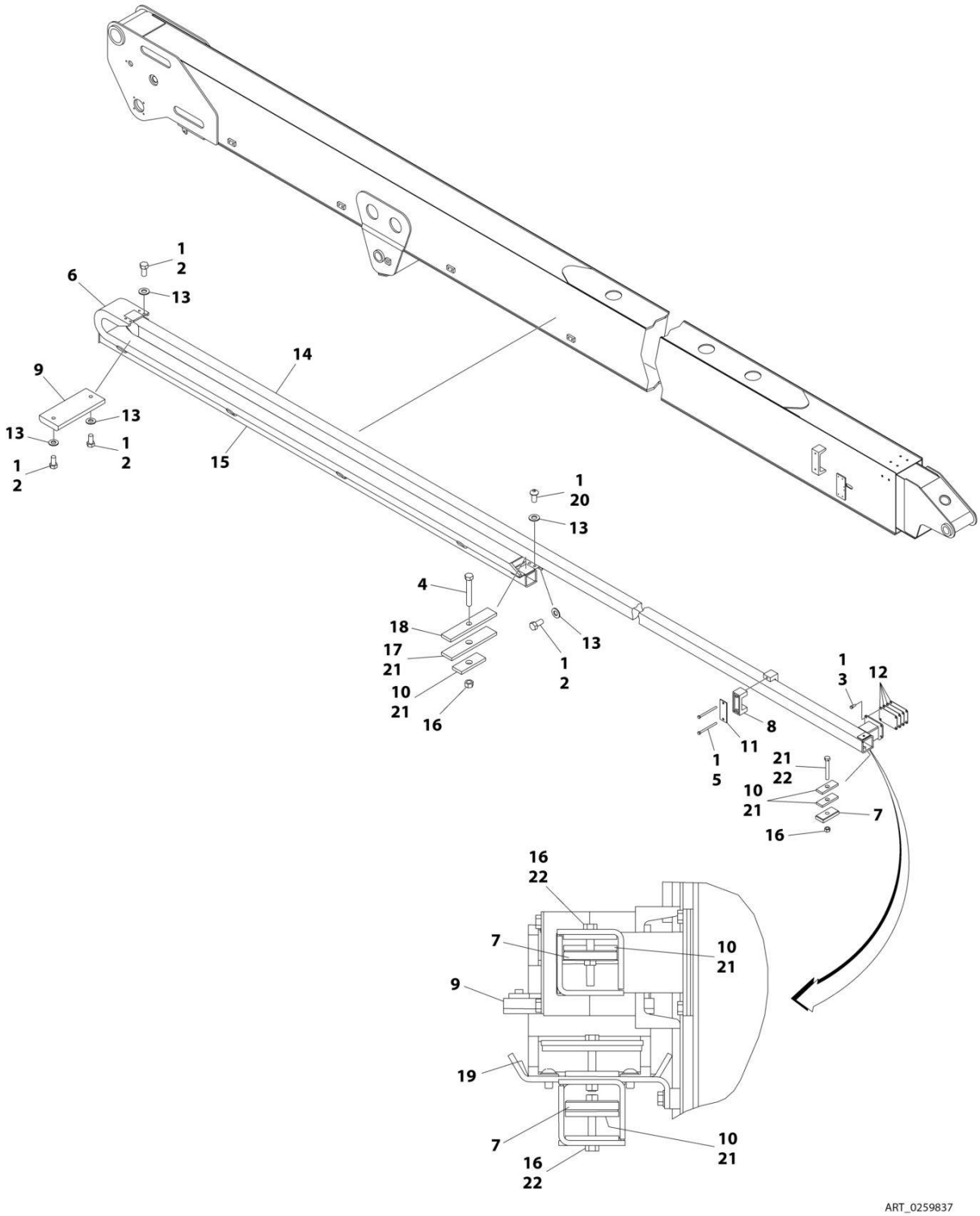


FIGURE 4-9. POWER TRACK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259837	Ref	POWER TRACK ASSEMBLY	G
1	0100011	AR	Compound, Locking	
2	0641606	14	Bolt 3/8 x 3/4	
3	0641608	4	Bolt 3/8 x 1	
4	0641620	1	Bolt 3/8 x 2-1/2	
5	0641640	2	Bolt 3/8 x 5	
6	1180356	1	Powertrack	
6	7020266	4	Bar (Top Plastic)	
6	7020265	4	Link (Inner)	
6	7020264	12	Link (Outer)	
6	7020262	6	Ring, Retaining	
6	7020260	4	Foot, Mounting	
6	7020261	6	Pin (Center)	
6	7026182	2	Roller, Poly	
6	7026170	2	Bar, Aluminum	
7	1320288	2	Clamp, Hose	
8	3340764	2	Pad, Push Tube	
9	3340787	1	Pad, Wear	
10	3340941	5	Pad, Rubber	
11	3538758	1	Plate, Backing	
12	4070969	AR	Shim	
13	4711600	18	Washer 3/8	
14	4846163	1	Tube, Push	
15	4846165	1	Support	
16	3311605	3	Nut 3/8	
17	3340939	1	Pad, Rubber	
18	3572448	1	Plate, Clamp	
19	3340896	2	Pad, Rubber	
20	3900283	4	Screw	
21	0100081	AR	Adhesive	
22	0641622	2	Bolt 3/8 x 2-3/4	

FIGURE 4-10. POWER TRACK ASSEMBLY (MACHINES WITH SN STARTING WITH B3)

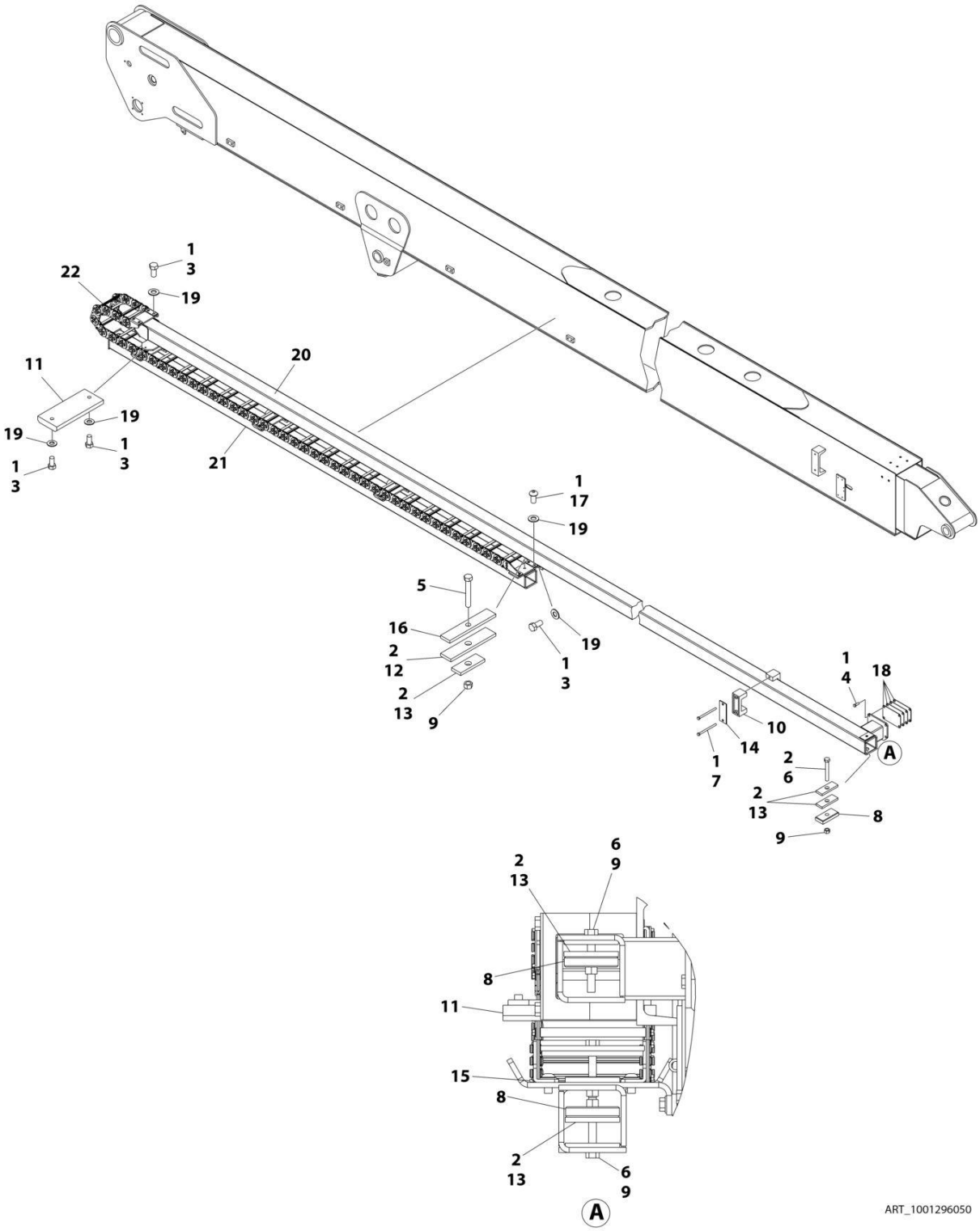


FIGURE 4-10. POWER TRACK ASSEMBLY (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296050	Ref	POWER TRACK ASSEMBLY	A
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0641606	14	Bolt 3/8 x 3/4	
4	0641608	4	Bolt 3/8 x 1	
5	0641620	1	Bolt 3/8 x 2-1/2	
6	0641622	2	Bolt 3/8 x 2-3/4	
7	0641640	2	Bolt 3/8 x 5	
8	1320288	2	Clamp, Hose	
9	3311605	3	Nut 3/8	
10	3340764	2	Pad, Push Tube	
11	3340787	1	Pad, Wear	
12	3340939	1	Pad, Rubber	
13	3340941	5	Pad, Rubber	
14	3538758	1	Plate, Backing	
15	3340896	2	Pad, Rubber	
16	3572448	1	Plate, Clamp	
17	3900283	4	Screw	
18	4070969	AR	Shim	
19	4711600	16	Washer 3/8	
20	4846163	1	Tube, Push	
21	4846165	1	Support	
22	1001296049	1	Power Track	

FIGURE 4-11. ROTATOR ASSEMBLY (EC600SJ/H600SJ)

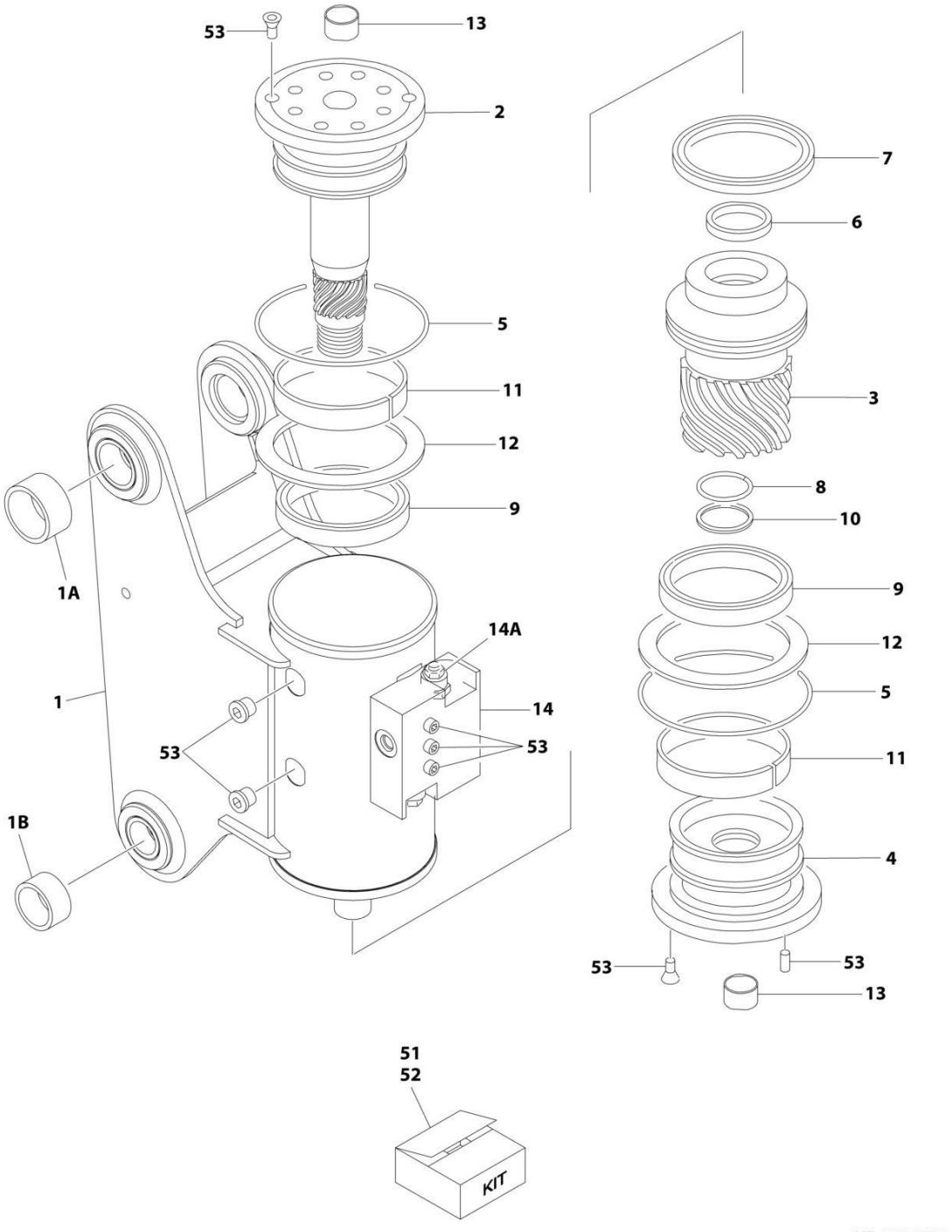


FIGURE 4-11. ROTATOR ASSEMBLY (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217779	Ref	ROTATOR ASSEMBLY	B
1	See Note	NSS	Housing (Note: Purchase Complete Assembly)	
1A	0962257	2	Bushing	
1B	0961947	2	Bushing	
2	7017162	1	Shaft	
3	7017163	1	Piston	
4	7017164	1	Cap, End	
5	See Note	NSS	O-Ring (Note: Use p/n 70000342)	
6	See Note	NSS	Seal, Rod (Note: Purchase p/n 70000342)	
7	See Note	NSS	Seal, Piston (Note: Purchase p/n 70000342)	
8	See Note	NSS	Seal, Cap (Note: Purchase p/n 70000342)	
9	See Note	NSS	Packing, Bearing (Note: Purchase p/n 70000342)	
10	See Note	NSS	Ring, Back-up (Note: Purchase p/n 70000342)	
11	See Note	NSS	Bearing, Shaft (Note: Purchase p/n 7017159)	
12	See Note	NSS	Washer, Thrust (Note: Purchase p/n 7017159)	
13	7017195	2	Bushing	
14	7017172	1	Counterbalance Valve Assembly	
14A	7017192	2	Valve Cartridge (No Seal Kit Available)	
51	70000342	1	Seal Kit (Includes Items 5-10)	
52	7017159	1	Bearing Kit (Includes Items 11 & 12)	
53	7017142	1	Hardware Kit	

FIGURE 4-12. ROTATOR ASSEMBLY - PLATFORM ROTATE (EC600SJP/H600SJP)

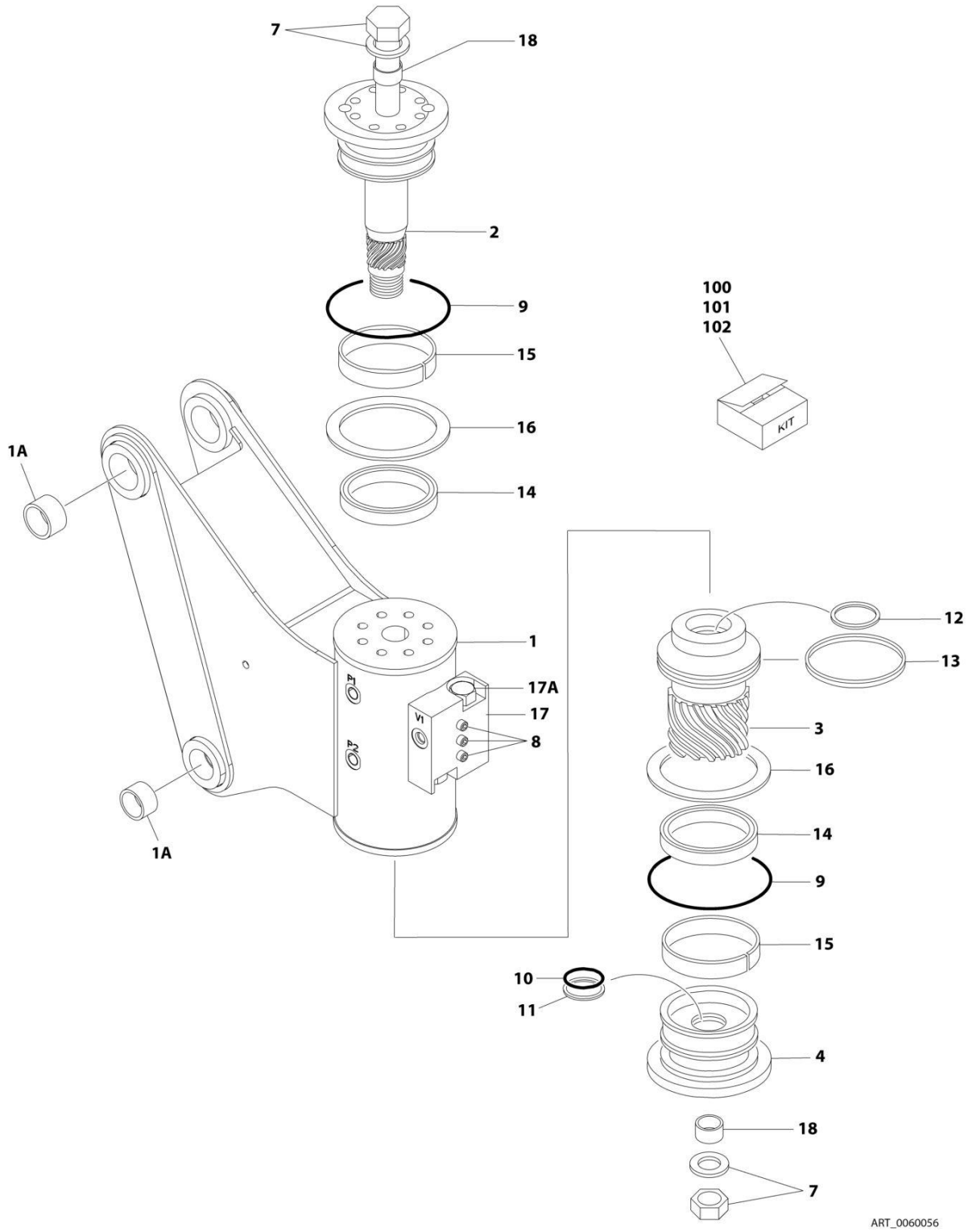


FIGURE 4-12. ROTATOR ASSEMBLY - PLATFORM ROTATE (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0060056	Ref	ROTATOR ASSEMBLY - PLATFORM ROTATE	B
1	See Note	NSS	Case/Bracket Weldment (Note: Not Available - Purchase Complete Assembly)	
1A	7017170	4	Bushing	
2	7017162	1	Shaft	
3	7017163	1	Sleeve, Piston	
4	7017164	1	Cap, End	
7	0642684	1	Bolt 1-8 x 10-1/2	
7	4892600	2	Washer	
7	3272605	1	Nut 1-8	
8	See Note	NSS	Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally)	
9	See Note	NSS	Seal (Note: Use Item 100)	
10	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Ring, Back-up Cap (Note: Use Item 100)	
12	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Seal, Piston (Note: Use Item 100)	
14	See Note	NSS	Seal, Cap (Note: Use Item 100)	
15	See Note	NSS	Guide, Wear (Note: Use Item 101)	
16	See Note	NSS	Thrustwasher (Note: Use Item 101)	
17		Ref	Counterbalance Valve Assembly Options:	
17	7017172	1	Helac p/n 24327 Stamped beside Mounting Screws	
17	7017172	1	Helac p/n 26553 or 26554 Stamped beside Mounting Screws	
17A		Ref	Valve, Cartridge Options:	
17A	7011323	2	Valve, Cartridge for Helac p/n 24327 Valve	
17A	2900770	2	Seal Kit - 7011323 Cartridge (1 Per Assembly)	
17A	7017192	2	Valve, Cartridge Helac p/n 26553 (No Seal Kit Available)	
18	7017195	2	Bushing	
		Ref	KIT OPTIONS:	
100		Ref	Seal Kit Options: (Includes Items 9-14)	
100	7017158	1	Standard	
100	70000342	1	Cold Climate	
101	7017159	1	Bearing Kit (Includes Items 15 & 16)	
102	7017160	1	Bushing Kit (Includes Items 1A, 1B & 18)	

FIGURE 4-13. ROTATOR ASSEMBLY - SIDE SWING ROTATE (EC600SJP/H600SJP)

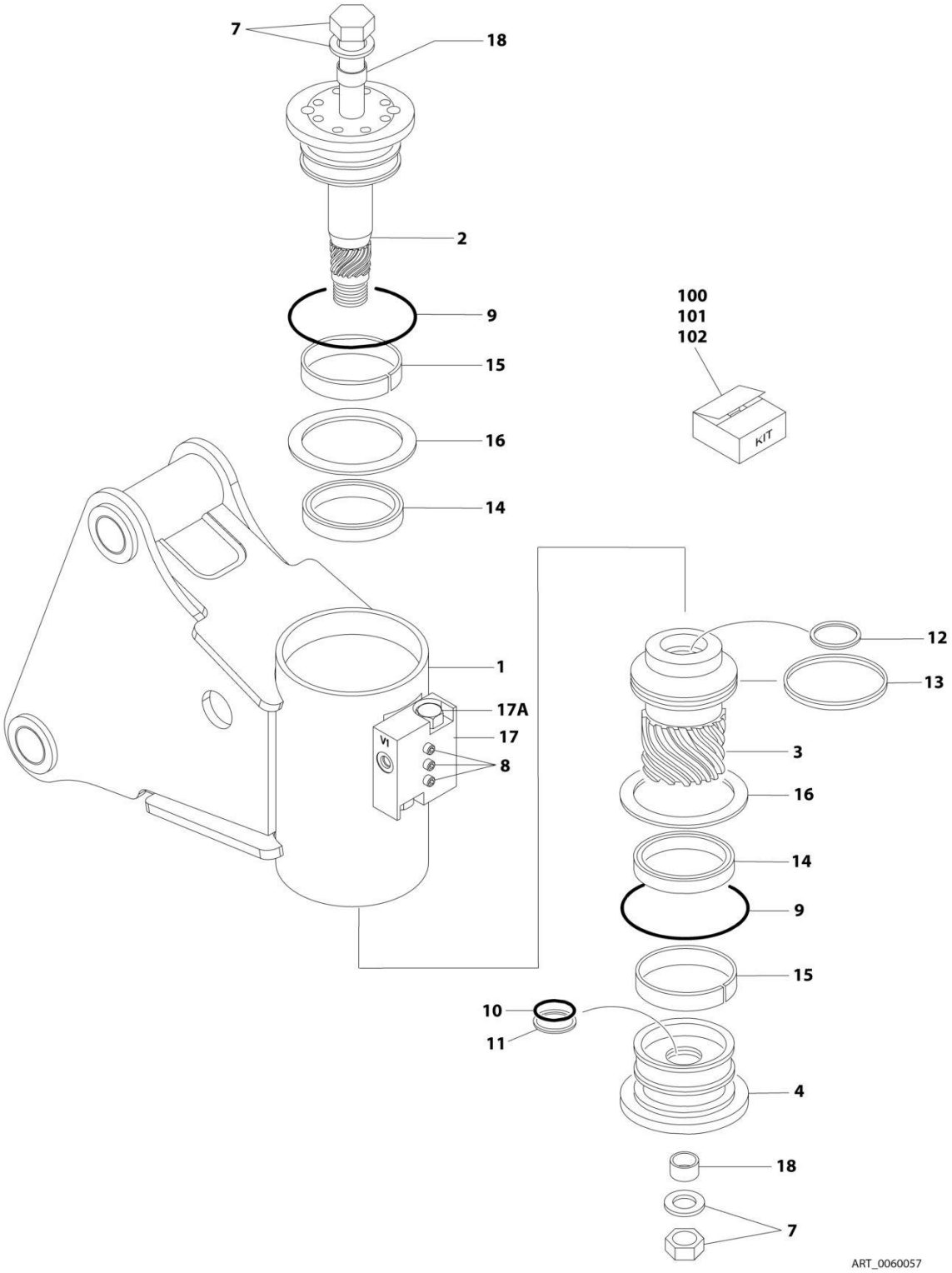


FIGURE 4-13. ROTATOR ASSEMBLY - SIDE SWING ROTATE (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0060057	Ref	ROTATOR ASSEMBLY - SIDE SWING ROTATE	D
1	See Note	NSS	Case/Bracket Weldment (Note: Not Available - Purchase Complete Assembly)	
2	7017167	1	Shaft	
3	7017168	1	Sleeve, Piston	
4	7017169	1	Cap, End	
7	0642684	1	Bolt 1-8 x 10-1/2	
7	4892600	2	Washer	
7	3272605	1	Nut 1-8	
8	See Note	NSS	Capscrew 1/4 x 1-1/2 Grade 8 (Note: Not Available - Purchase Locally)	
9	See Note	NSS	Seal (Note: Use Item 100)	
10	See Note	NSS	O-Ring (Note: Use Item 100)	
11	See Note	NSS	Ring, Back-up Cap (Note: Use Item 100)	
12	See Note	NSS	Seal, Rod (Note: Use Item 100)	
13	See Note	NSS	Seal, Piston (Note: Use Item 100)	
14	See Note	NSS	Seal, Cap (Note: Use Item 100)	
15	See Note	NSS	Guide, Wear (Note: Use Item 101)	
16	See Note	NSS	Thrustwasher (Note: Use Item 101)	
17		Ref	Counterbalance Valve Assembly Options:	
17	7017172	1	Helac p/n 24327 Stamped beside Mounting Screws	
17	7017172	1	Helac p/n 26553 or 26554 Stamped beside Mounting Screws	
17A		Ref	Valve, Cartridge Options:	
17A	7011323	2	Valve, Cartridge for Helac p/n 24327 Valve	
17A	2900770	2	Seal Kit - 7011323 Cartridge (1 Per Assembly)	
17A	7017192	2	Valve, Cartridge Helac p/n 26553 (No Seal Kit Available)	
18	7017195	2	Bushing	
		Ref	KIT OPTIONS:	
100		Ref	Seal Kit (Includes Items 9-14)	
100	7017165	1	Standard	
100	70000340	1	Cold Climate	
101	7017178	1	Bearing Kit (Includes Items 15 & 16)	
102	7017160	1	Bushing Kit (Includes Item 18)	

FIGURE 4-14. PLATFORM SUPPORT INSTALLATION

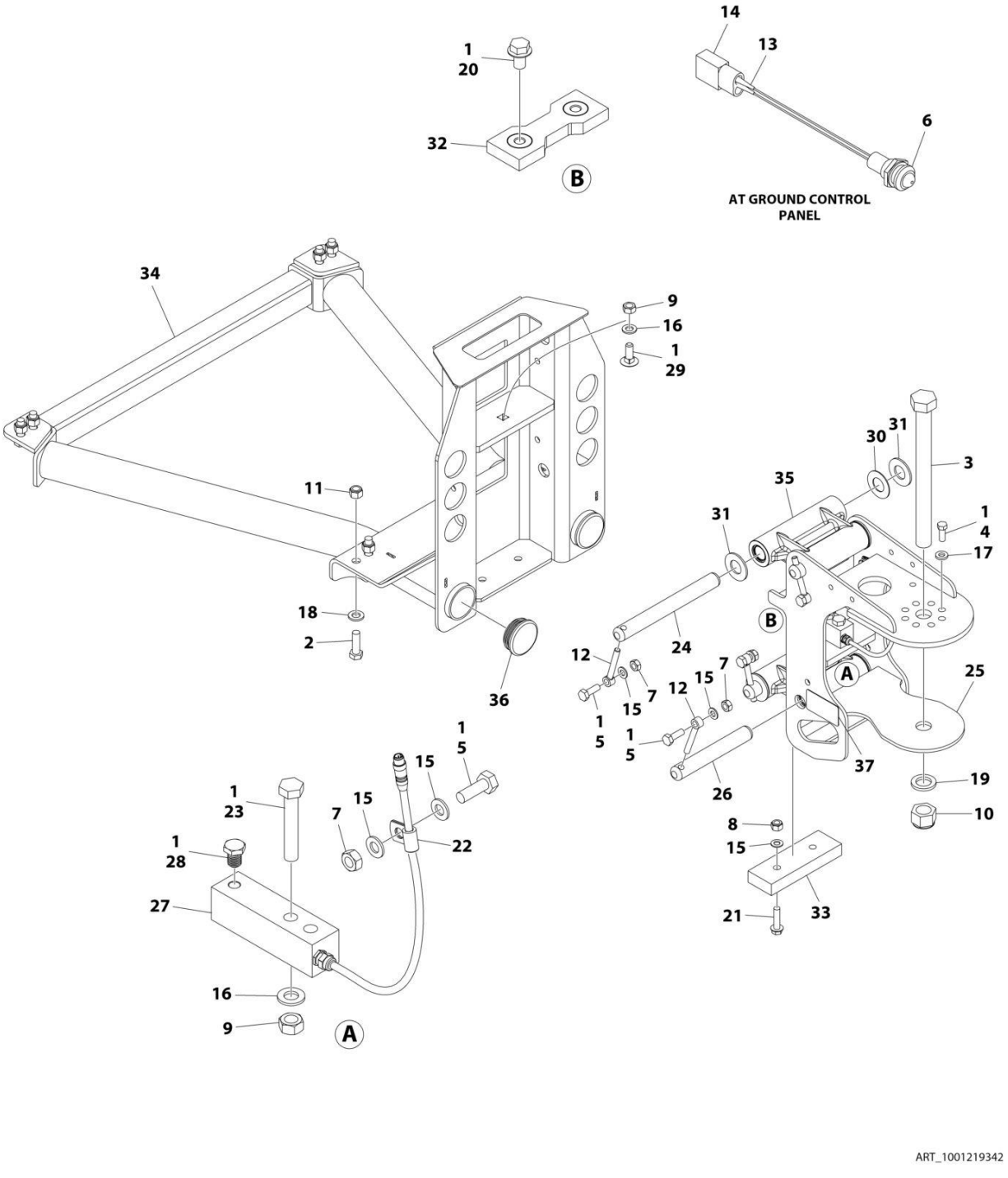


FIGURE 4-14. PLATFORM SUPPORT INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219342	Ref	PLATFORM SUPPORT INSTALLATION - WITH 1 CELL LSS	E
1	0100011	AR	Compound, Locking	
2	0641812	1	Bolt 1/2 x 1-1/2	
2	0761216	8	Bolt M12 x 40	
3	1001255133	1	Bolt 1 x 11	
4	0681608	8	Bolt 3/8 x 1	
5	0761014	5	Bolt M10 x 30	
6	2920151	1	Light	
7	3291001	5	Nut M10	
8	3291005	2	Nut M10	
9	3291201	3	Nut M12	
10	1001174040	1	Nut 1	
11	3311805	8	Nut 1/2	
11	3291205	8	Nut M12	
12	3841143	4	Keeper	
13	4460226	2	Socket, Female	
14	4460424	1	Connector - 2 Position	
15	4812000	8	Washer M10	
16	4812100	3	Washer M12	
17	4891600	8	Washer 3/8	
18	4891800	8	Washer 1/2	
18	5241200	8	Washer M12	
19	4892600001	1	Washer 1	
20	5251008	2	Bolt M10 x 16	
21	5251016	2	Bolt M10 x 40	
22	91203039	1	Clamp, Support	
23	1001098828	2	Bolt M12 x 70 Grade 10.9	
24	1001167565	2	Pin	
25	1001167567	1	Platform Support	
26	1001168402	2	Pin	
27	1001247468	1	Cell, Load Sensing	
28	1001188622	1	Screw M12	
29	1001188844	1	Bolt M12 x 35	
30	1001189001	4	Bearing	
31	1001189002	8	Bearing	
32	1001190985	1	Pad, Wear	
33	1001200491	1	Plate	
34	1001200494	1	Support	
35	1001201351	2	LSS Link Assembly	
35	1001187382	4	Bearing	
35	1001187383	4	Seal	
36	1001204725	2	Plug	
37	1001216630	2	Decal - Tie Down/No Lift	

FIGURE 4-15. BOOM VALVE INSTALLATION (EC600SJ/H600SJ)

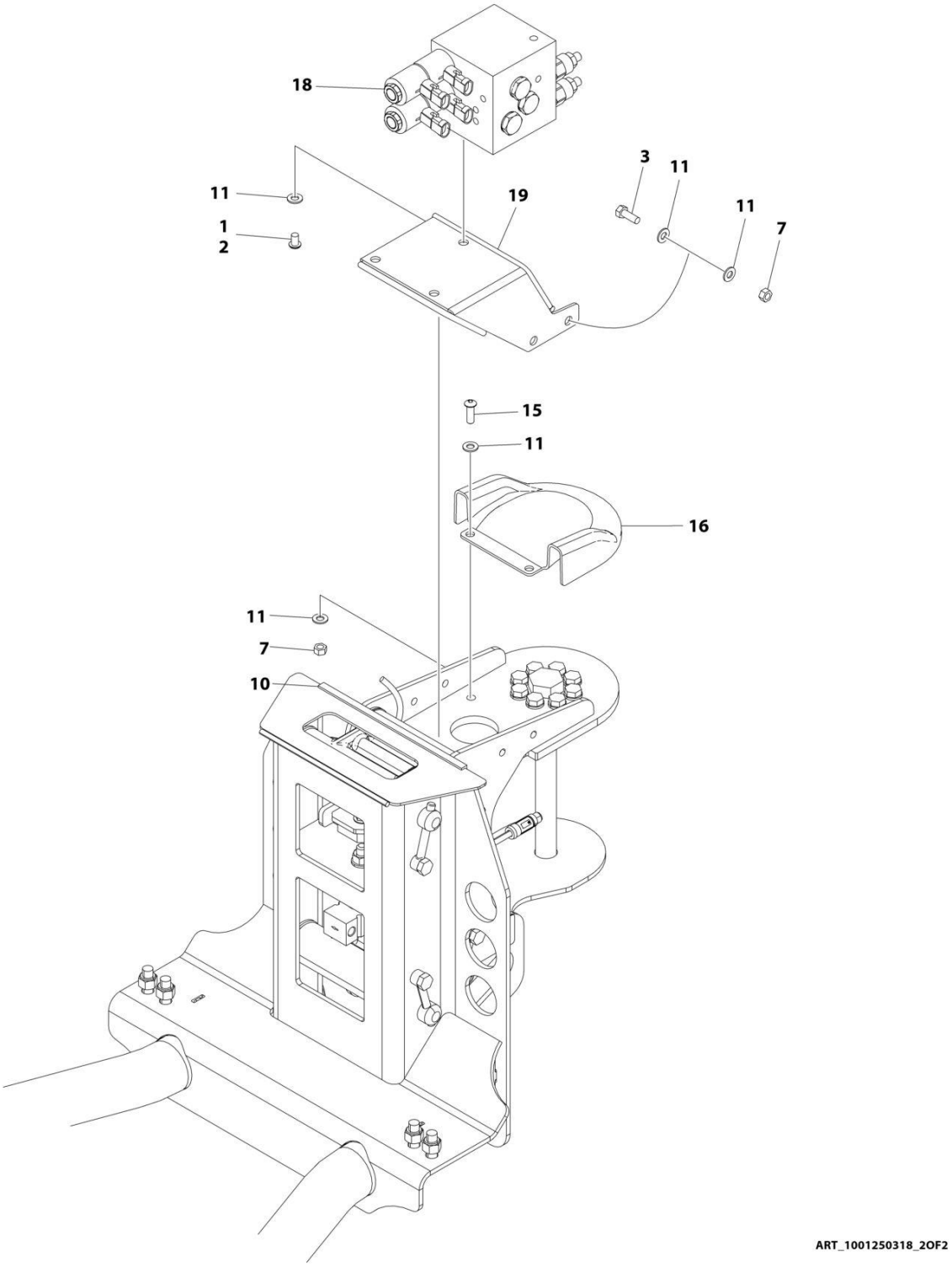


FIGURE 4-15. BOOM VALVE INSTALLATION (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250318	Ref	BOOM VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	3	Screw	
3	0641507	4	Bolt 5/16 x 7/8	
7	3271505	6	Nut 5/16	
10	4060803	AR	Flex-Trim	
11	4711500	15	Washer 5/16	
15	88261024	2	Screw 5/16-18 x 1	
16	1001207969	1	Cover	
18	1001219392	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
19	1001233259	1	Mount, LSS Valve	

FIGURE 4-16. BOOM VALVE INSTALLATION (EC600SJP/H600SJP)

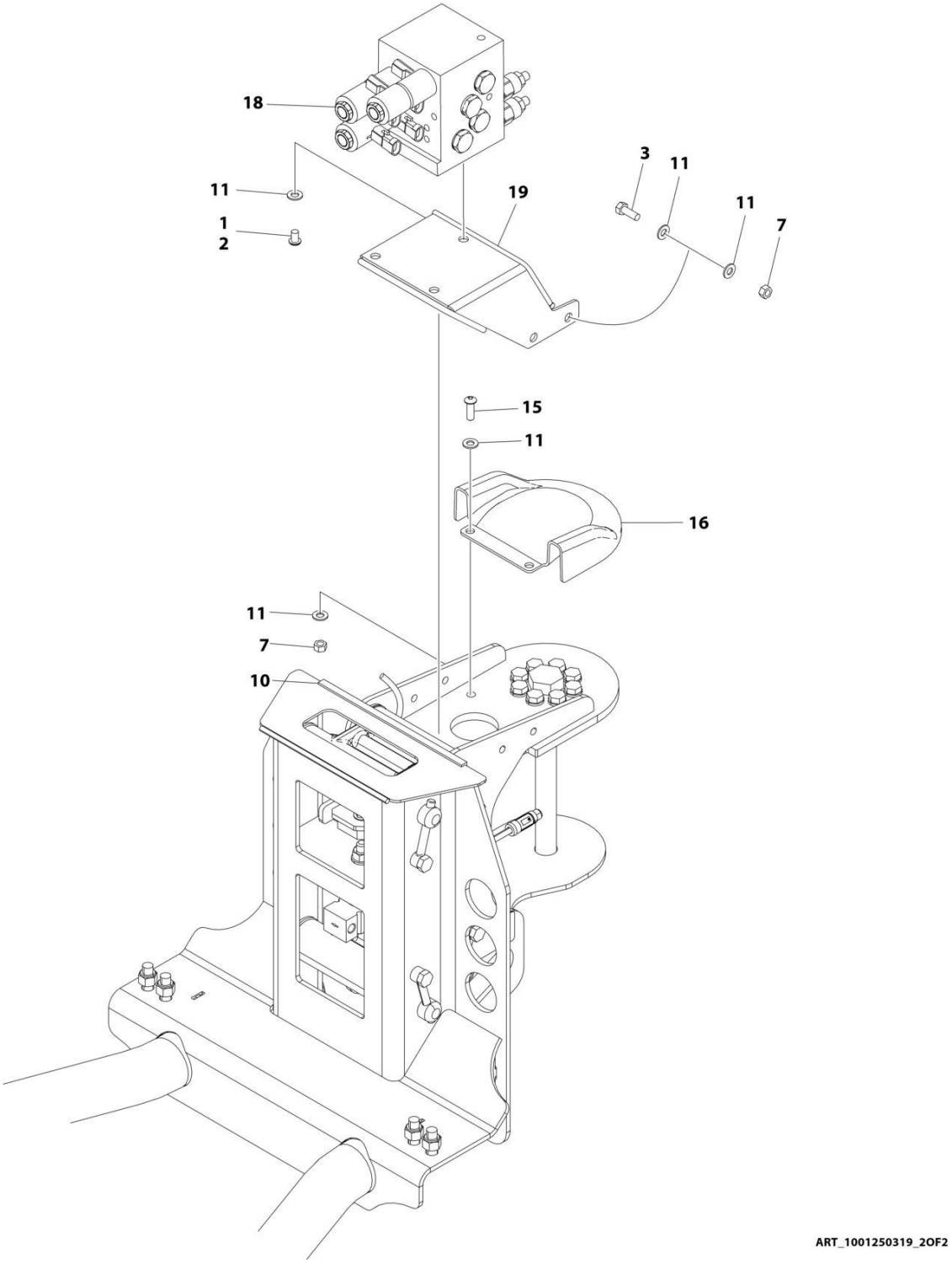


FIGURE 4-16. BOOM VALVE INSTALLATION (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001250319	Ref	BOOM VALVE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0630467	3	Screw	
3	0641507	4	Bolt 5/16 x 7/8	
7	3271505	6	Nut 5/16	
10	4060803	AR	Flex-Trim	
11	4711500	15	Washer 5/16	
15	88261024	2	Screw 5/16-18 x 1	
16	1001207969	1	Cover	
18	1001219393	1	Boom Valve Assembly (See Separate Breakdown in this Section)	
19	1001233259	1	Mount, LSS Valve	

FIGURE 4-17. BOOM VALVE ASSEMBLY (EC600SJ/H600SJ)

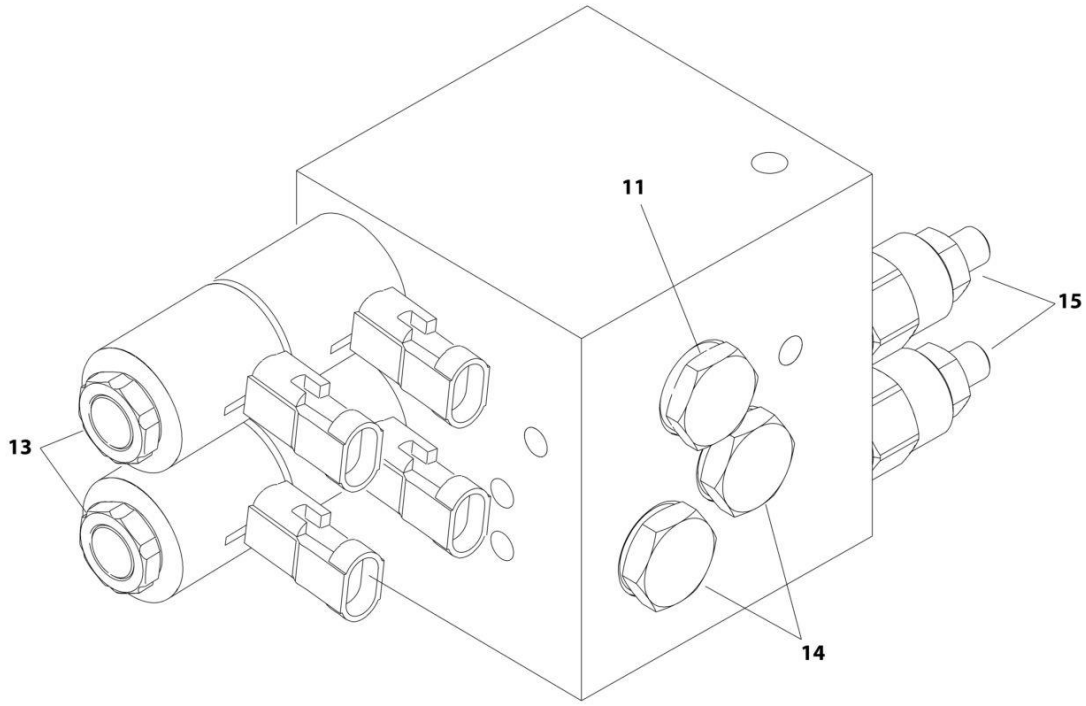


FIGURE 4-17. BOOM VALVE ASSEMBLY (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219392	Ref	BOOM VALVE ASSEMBLY	D
11	70003027	1	Cartridge, Flow Control (Rotate)	
11	70004052	1	Seal Kit - 70003027 Cartridge	
13	70007290	2	Cartridge, Solenoid Valve (Less Coil)	
13	70007291	4	Coil	
14	70005629	2	Cartridge, Check (Platform Level)	
14	70023860	2	Seal Kit - 70005629 Cartridge	
15	70003019	2	Cartridge, Relief (Platform Level and Jib)	
15	70004052	2	Seal Kit - 70003019 Cartridge	

FIGURE 4-18. BOOM VALVE ASSEMBLY (EC600SJP/H600SJP)

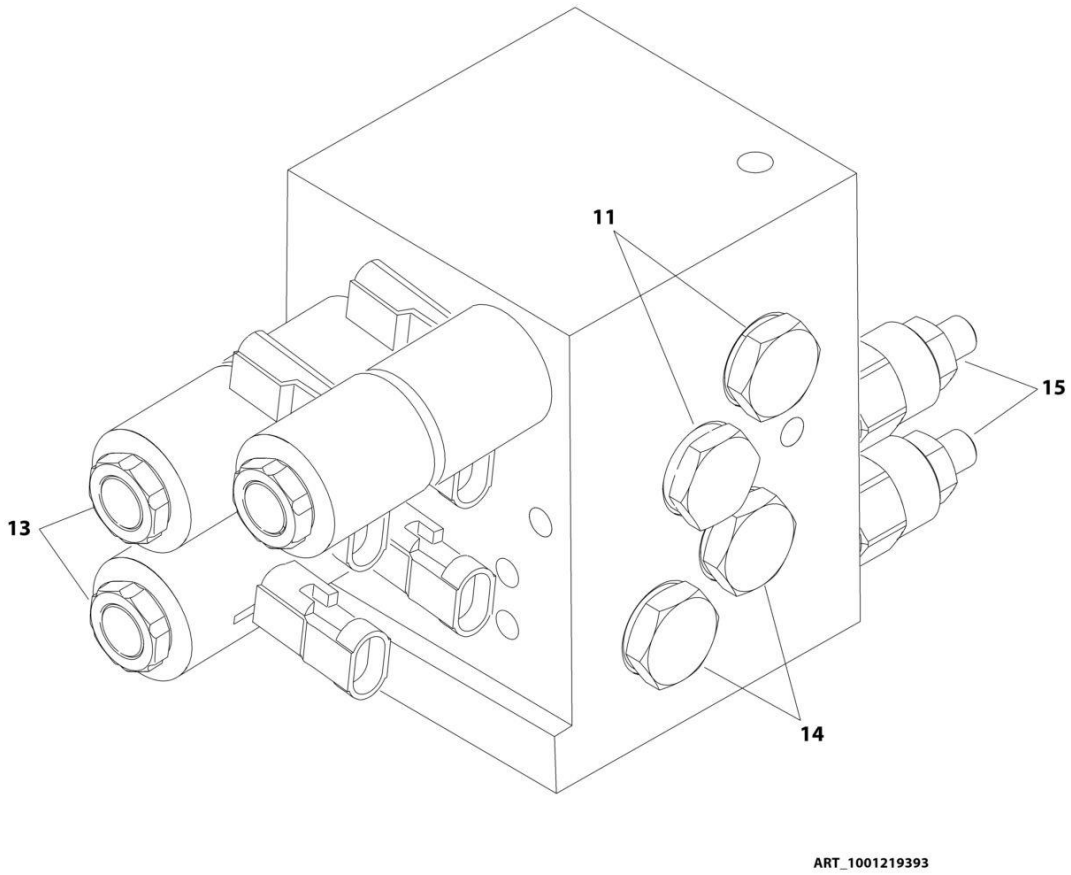


FIGURE 4-18. BOOM VALVE ASSEMBLY (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001219393	Ref	BOOM VALVE ASSEMBLY	D
11	70003027	2	Cartridge, Flow Control (Rotate)	
11	70004052	2	Seal Kit - 70003027 Cartridge	
13	70007290	3	Cartridge, Solenoid Valve (Less Coil)	
13	70007291	6	Coil	
14	70005629	2	Cartridge, Check (Platform Level)	
14	70023860	2	Seal Kit - 70005629 Cartridge	
15	70003019	2	Cartridge, Relief (Platform Level and Jib)	
15	70004052	2	Seal Kit - 70003019 Cartridge	

FIGURE 4-19. BOOM LIMIT SWITCH INSTALLATION (CE & UK CA SPEC ONLY)

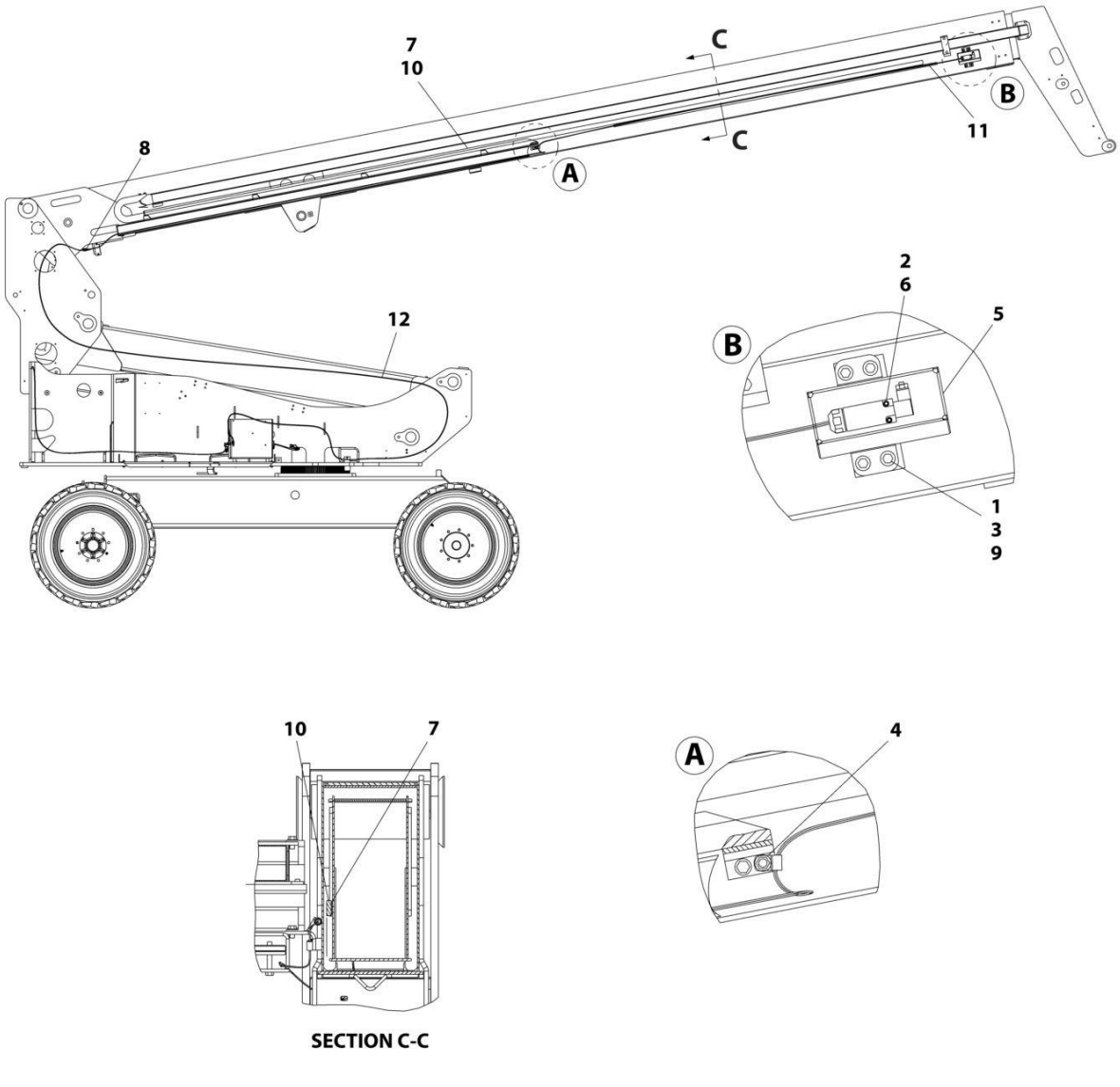


FIGURE 4-19. BOOM LIMIT SWITCH INSTALLATION (CE & UK CA SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201365	Ref	BOOM LIMIT SWITCH INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0100035	AR	Compound, Locking	
3	0641403	4	Bolt 1/4 x 3/8	
4	1320263	1	Clamp, Cable	
5	1670824	1	Cover, Switch	
6	3930816	2	Bolt #8 x 1	
7	4420060	20 ft/6.1m	Tape, Double Sided	
8	4460897	1	Connector - 2 Position	
9	4751400	4	Washer 1/4	
10	1001106481	1	Bar, PVC	
11	1001201247	1	Harness	
11	4460464	2	Pin, Male	
12	1001201329	1	Transport Boom Harness (See Separate Breakdown in ELECTRICAL Section)	

SECTION 5 - PLATFORM

SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM) - WITH DROP BAR

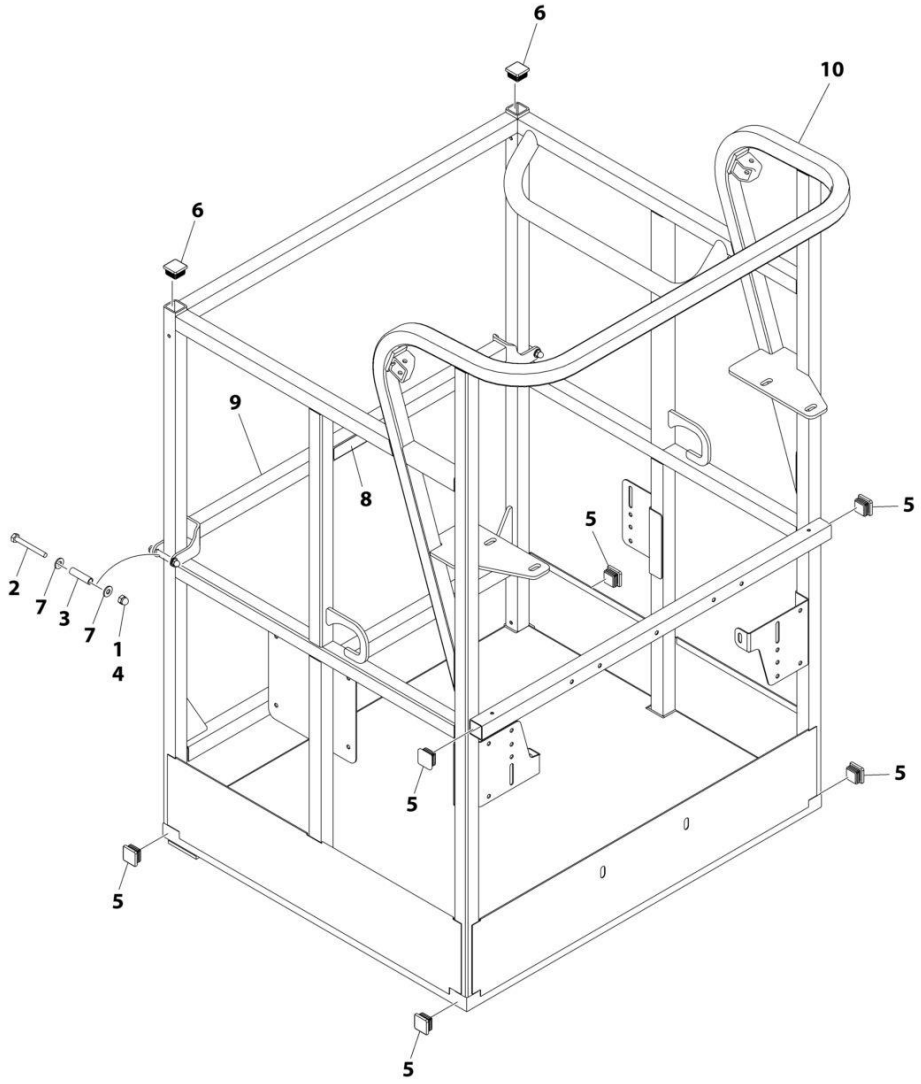


FIGURE 5-1. PLATFORM ASSEMBLY - 30IN X 3FT (76CM X 91.5CM) - WITH DROP BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228215	Ref	PLATFORM ASSEMBLY	A
	See Note	Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
	See Note	Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3300151	2	Nut 1/4	
5	3520072	6	Cap, Plug	
6	3520198	2	Cap, Plug	
7	4711400	4	Washer 1/4	
8	1001140429	1	Decal - Drop Bar	
9	1001226872	1	Bar, Drop	
10	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-2. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - SIDE GATE ENTRY

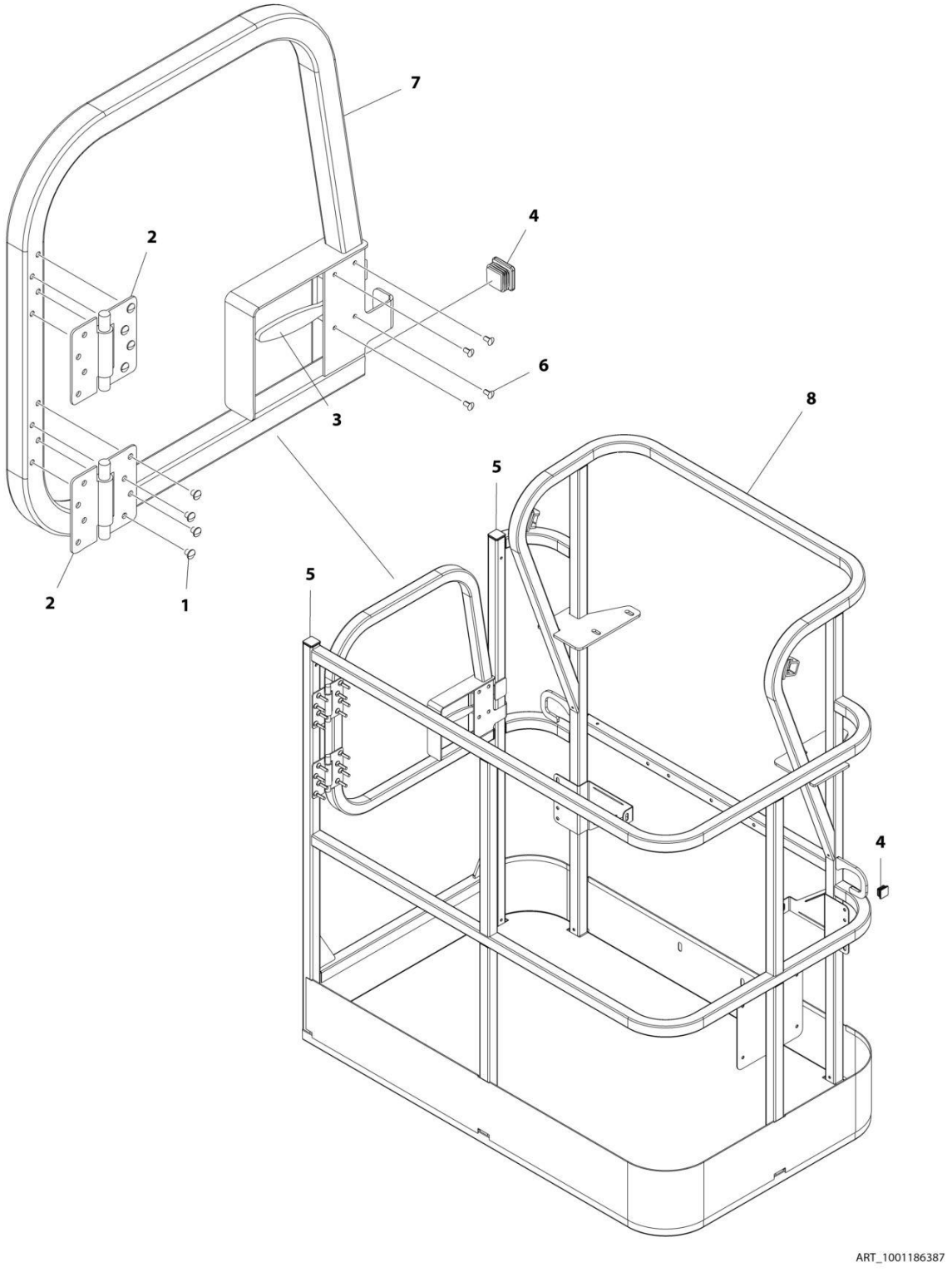


FIGURE 5-2. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - SIDE GATE ENTRY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186387	Ref	PLATFORM ASSEMBLY	C
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge, Self-Closing	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	1	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - WITH DROP BAR

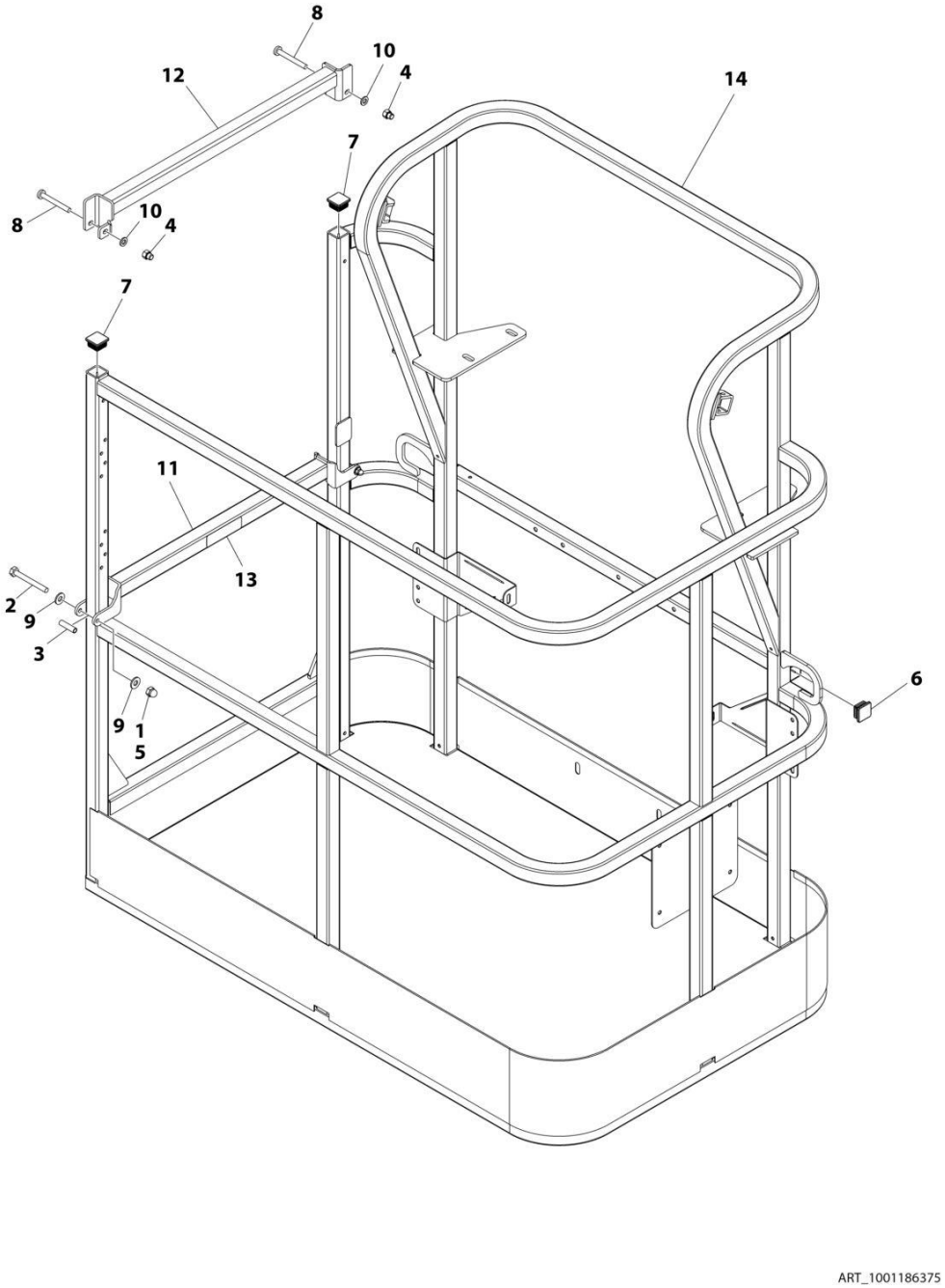


FIGURE 5-3. PLATFORM ASSEMBLY - 30IN X 4FT (76CM X 1.22M) - WITH DROP BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186375	Ref	PLATFORM ASSEMBLY	B
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3290606	2	Nut M6	
5	3300151	2	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	1	Bar, Drop	
12	1001138514	1	Rail - Top	
13	1001140429	1	Decal - Drop Bar	
14	See Note	1	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - SIDE GATE ENTRY

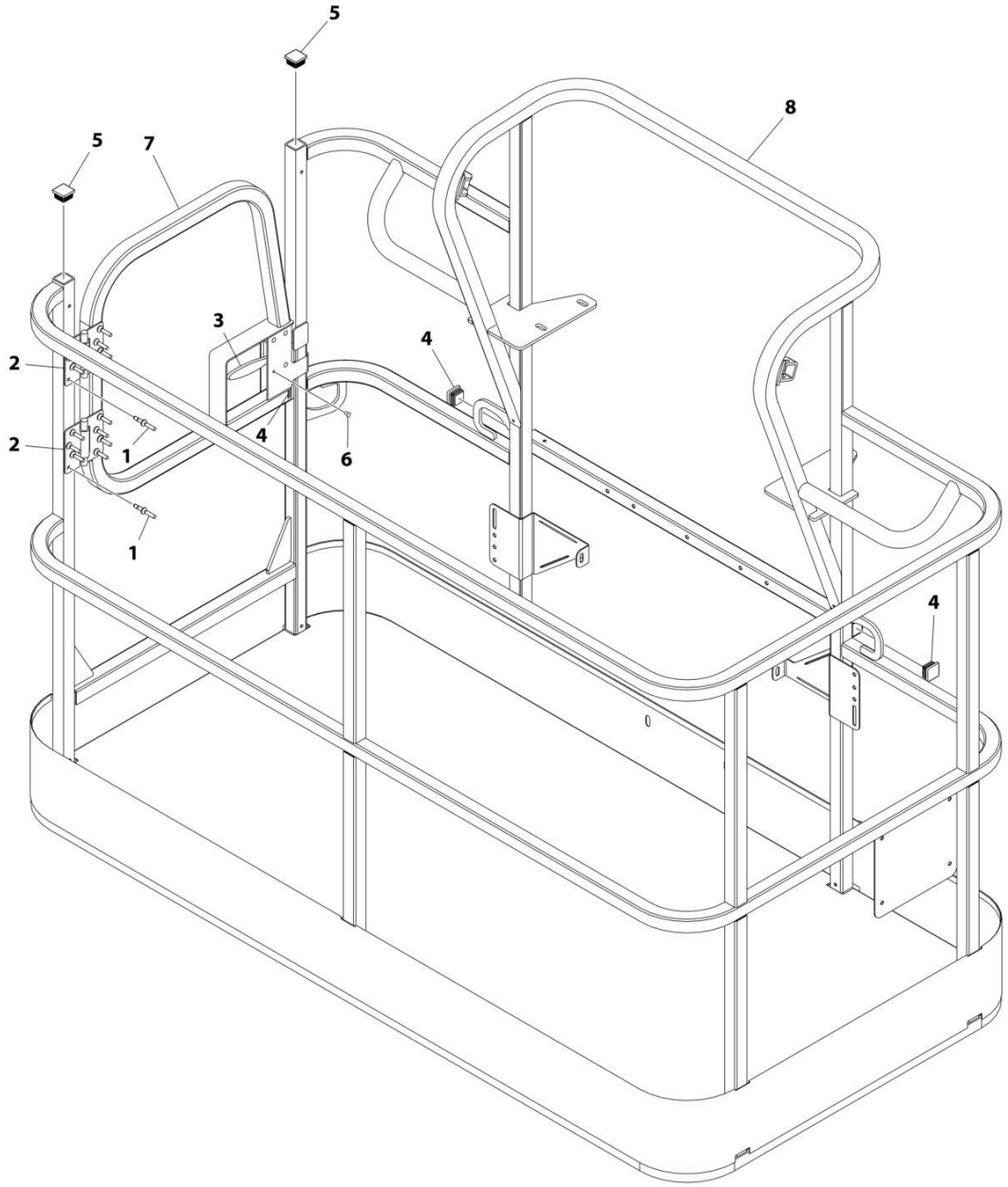


FIGURE 5-4. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - SIDE GATE ENTRY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186385	Ref	PLATFORM ASSEMBLY	D
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - WITH DROP BAR

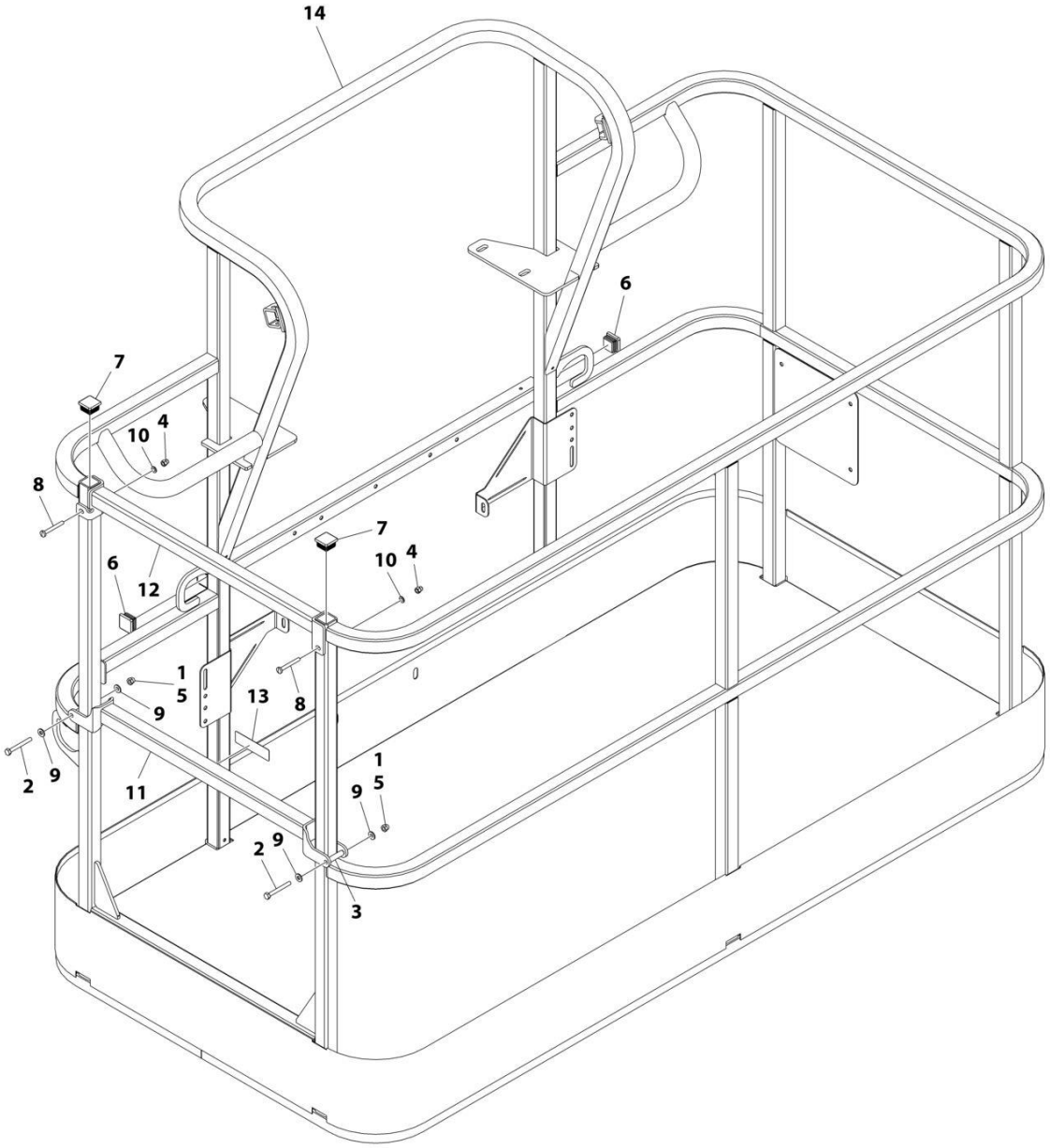


FIGURE 5-5. PLATFORM ASSEMBLY - 30IN X 6FT (76CM X 1.83M) - WITH DROP BAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186378	Ref	PLATFORM ASSEMBLY	C
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 2-1/4	
3	0961845	2	Bushing	
4	3290606	2	Nut M6	
5	3300151	2	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	4	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	1	Bar, Drop	
12	1001138514	1	Rail (Top)	
13	1001140429	1	Decal - Drop Bar	
14	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-6. PLATFORM ASSEMBLY - 30IN X 6FT (0.9M X 1.83M) (FALL ARREST PLATFORM)

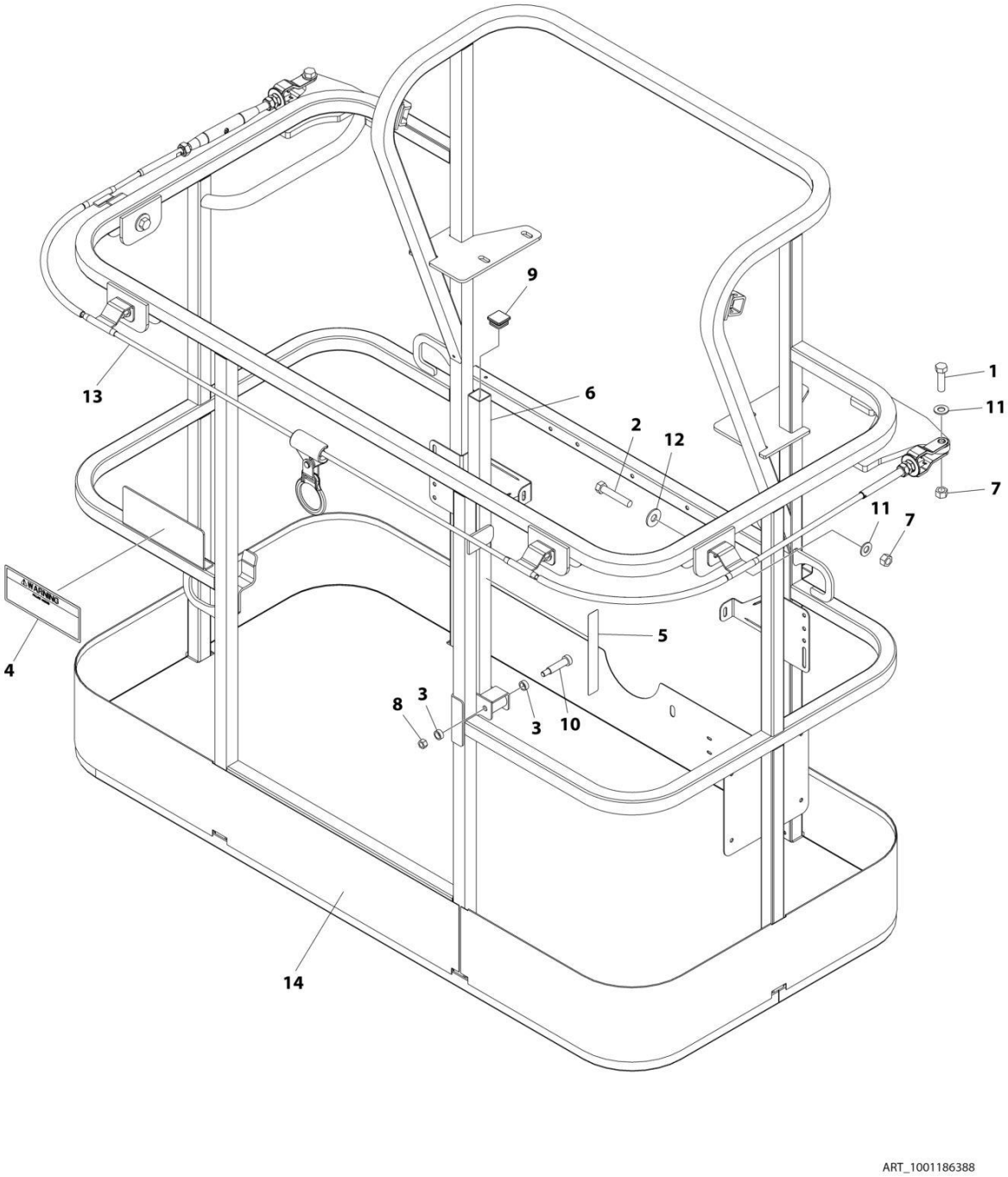


FIGURE 5-6. PLATFORM ASSEMBLY - 30IN X 6FT (0.9M X 1.83M) (FALL ARREST PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186388	Ref	PLATFORM ASSEMBLY	C
	See Note	Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0681814	2	Bolt 1/2 x 1-3/4 (Grade 8)	
2	0681822	4	Bolt 1/2 x 2-3/4 (Grade 8)	
3	0962270	2	Bearing	
4	1705014	1	Decal - Safety	
5	1706385	1	Decal - Drop Bar	
6	2410014	1	Gate, Weldment	
7	3271805	6	Nut 1/2	
8	3311605	1	Nut 3/8	
9	3520072	1	Cap, Plug	
10	3900054	1	Bolt 1/2 x 1-3/4	
11	4711800	6	Washer 1/2	
12	4751800	4	Washer 1/2	
13	1001203654	1	Lanyard	
14	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE

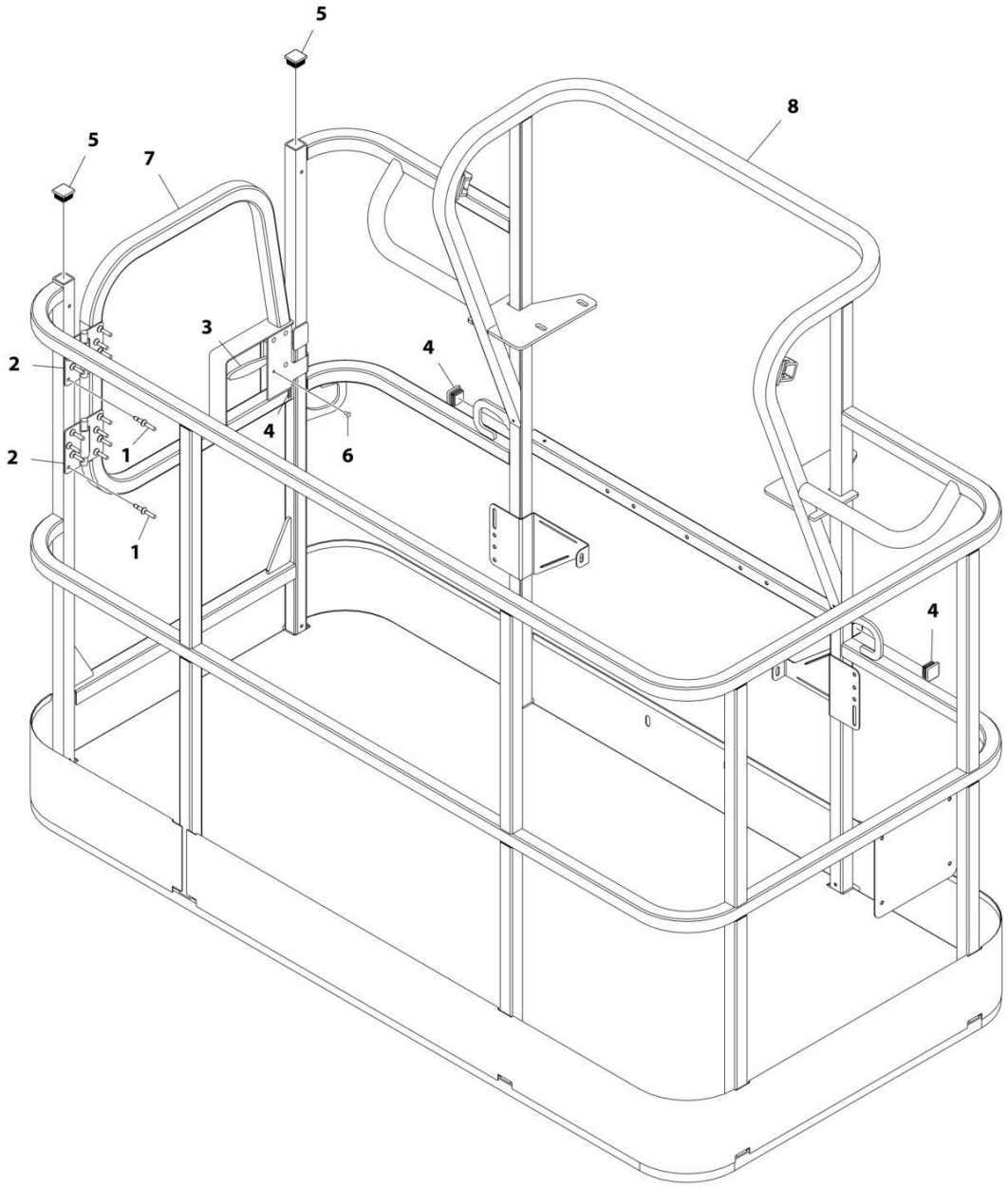


FIGURE 5-7. PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186384	Ref	PLATFORM ASSEMBLY - 36IN X 6FT (91.5CM X 1.83M) WITH SWING GATE	C
	See Note	Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
	See Note	Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-8. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 1 SWING GATE/2 DROP BARS

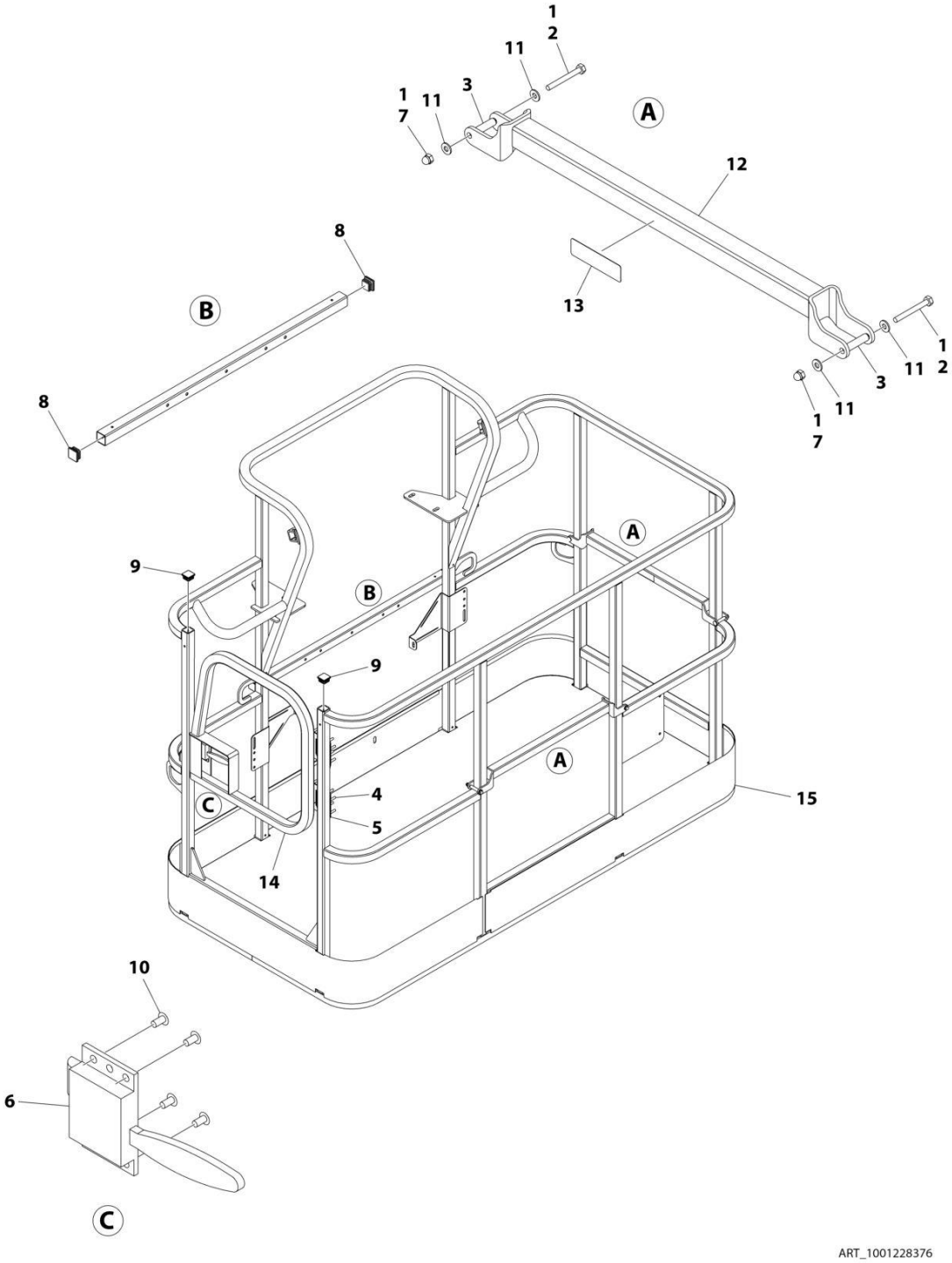


FIGURE 5-8. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 1 SWING GATE/2 DROP BARS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228376	Ref	PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M)	B
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641418	4	Bolt 1/4 x 2-1/4	
3	0961845	4	Bushing	
4	2080040	16	Fastener	
5	2600281	2	Hinge	
6	2940074	1	Latch	
7	3300151	4	Nut 1/4	
8	3520072	3	Plug	
9	3520198	2	Plug	
10	3820020	4	Rivet	
11	4711400	8	Washer 1/4	
12	1001138494	2	Bar, Drop	
13	1001140429	2	Decal - Drop Bar	
14	1001144629	1	Gate	
15	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-9. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 3 DROP BARS

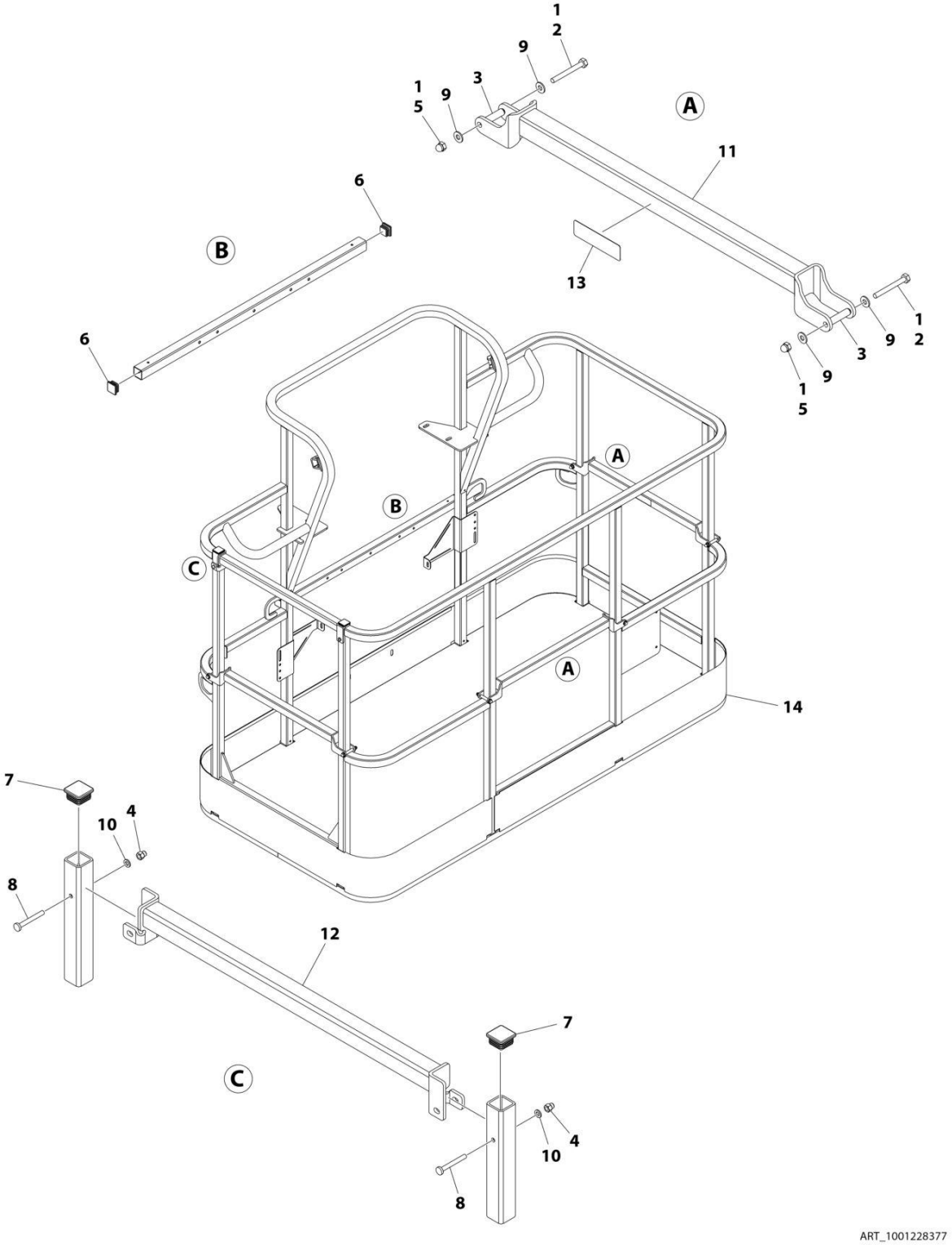


FIGURE 5-9. PLATFORM ASSEMBLY - 3FT X 6FT (91.5CM X 1.83M) - TRI-ENTRY - 3 DROP BARS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228377	Ref	PLATFORM ASSEMBLY - 36IN x 6FT (91.5CM x 1.83M)	B
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	1	Compound, Locking	
2	0641418	6	Bolt 1/4 x 2-1/4	
3	0961845	6	Bushing	
4	3290606	2	Nut M6	
5	3300151	6	Nut 1/4	
6	3520072	2	Plug	
7	3520198	2	Plug	
8	4010618	2	Screw M6 x 50	
9	4711400	12	Washer 1/4	
10	4811700	2	Washer M6	
11	1001138494	3	Bar, Drop	
12	1001138514	1	Rail (Top)	
13	1001140429	3	Decal - Drop Bar	
14	See Note	NSS	Platform, Weldment (Note: Not Available - Purchase Platform Assembly)	

SECTION 5 - PLATFORM

FIGURE 5-10. PLATFORM ASSEMBLY - 3F X 6FT (91.5CM X 1.83M) (FALL ARREST PLATFORM)

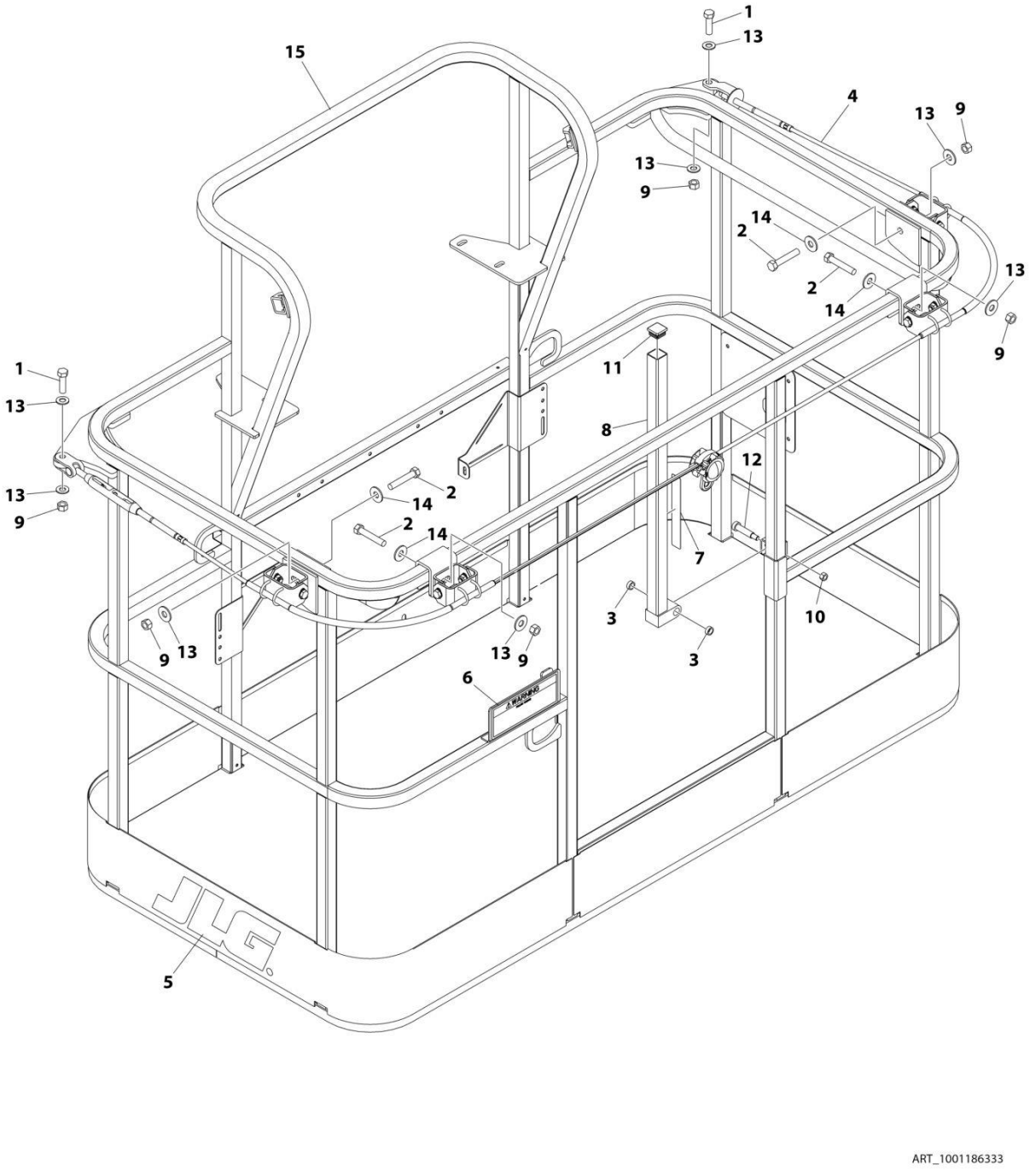


FIGURE 5-10. PLATFORM ASSEMBLY - 3F X 6FT (91.5CM X 1.83M) (FALL ARREST PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186333	Ref	PLATFORM ASSEMBLY	C
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	0681814	2	Bolt 1/2 x 1-3/4 Grade 8	
2	0681822	4	Bolt 1/2 x 2-3/4 Grade 8	
3	0962270	2	Bearing	
4	1001203655	1	Cable	
5	1702773	1	Decal - JLG	
6	1705014	1	Decal - Safety	
7	1706385	1	Decal - Drop Bar	
8	2410014	1	Bar, Drop	
9	3271805	6	Nut 1/2 Grade 8	
10	3311605	1	Nut 3/8	
11	3520072	1	Plug	
12	3900054	1	Bolt 1/2 x 1-3/4	
13	4711800	8	Washer 1/2	
14	4751800	4	Washer 1/2	
15	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-11. PLATFORM ASSEMBLY - 3FT X 8FT (91.5CM X 2.44M) WITH SWING GATE

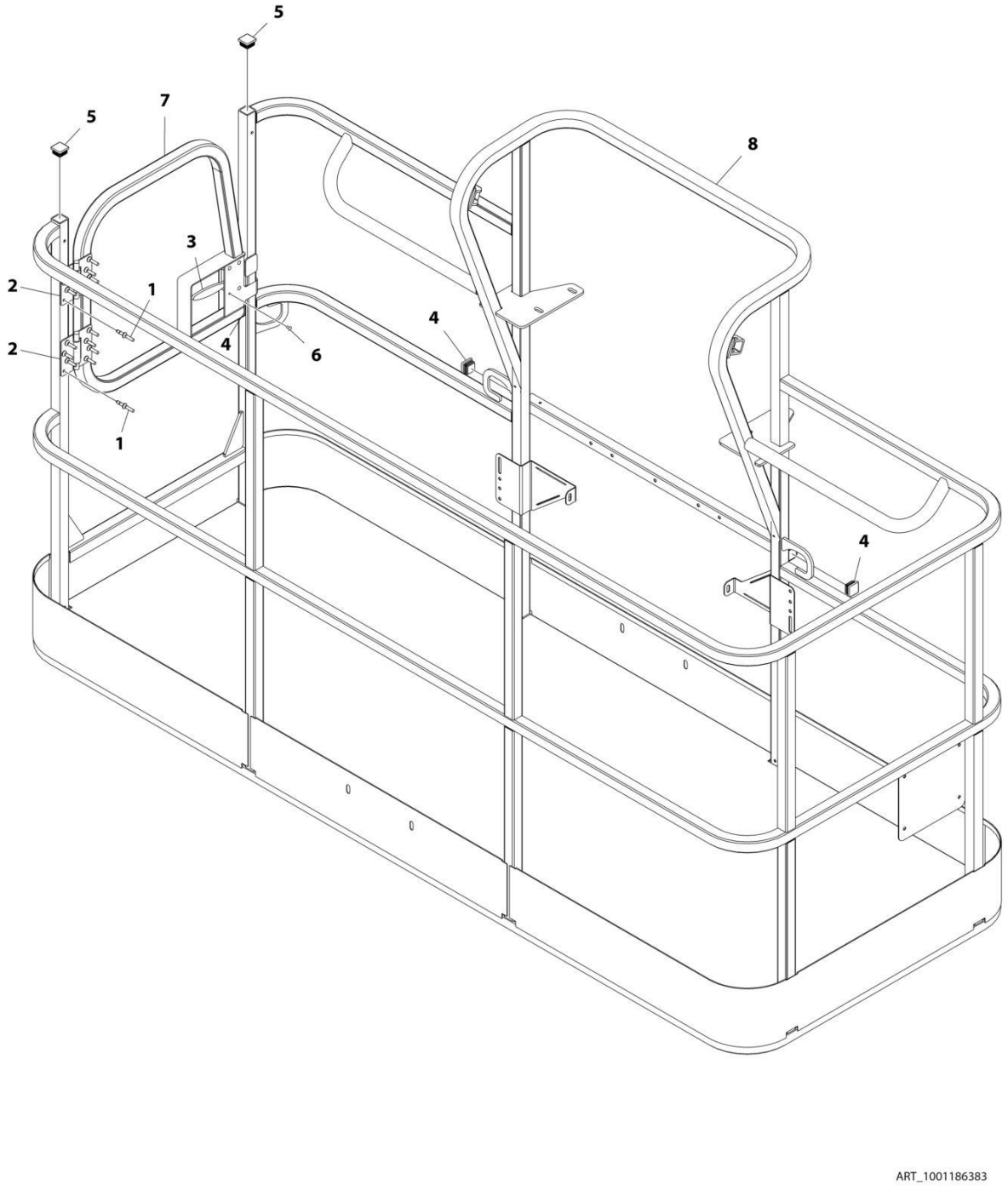


FIGURE 5-11. PLATFORM ASSEMBLY - 3FT X 8FT (91.5CM X 2.44M) WITH SWING GATE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186383	Ref	PLATFORM ASSEMBLY - 36IN X 8FT (91.5CM X 2.44M) WITH SWING GATE	D
		Ref	Note: Platform and Mesh must be ordered separately for Platforms with Mesh. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECALS SECTION.	
1	2080040	16	Fastener, Huck	
2	2600281	2	Hinge	
3	2940074	1	Latch	
4	3520072	3	Plug	
5	3520198	2	Plug	
6	3820020	4	Rivet	
7	1001144629	1	Gate	
8	See Note	NSS	Platform (Note: Not Available - Purchase Platform Assembly)	

FIGURE 5-12. PLATFORM CONSOLE INSTALLATION - 2WD (ALL SPECS EXCEPT UL SPECS)

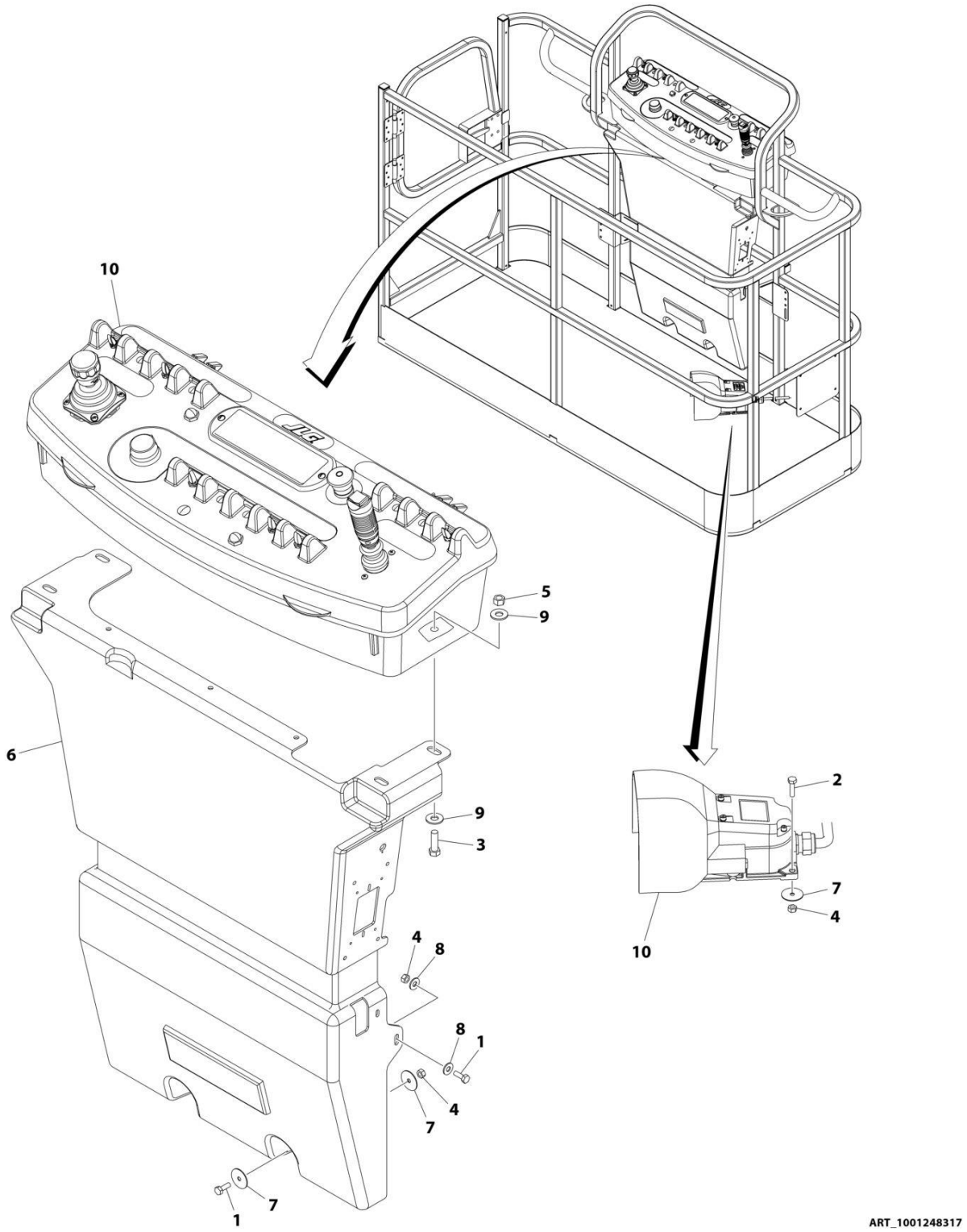


FIGURE 5-12. PLATFORM CONSOLE INSTALLATION - 2WD (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248317	Ref	PLATFORM CONSOLE BOX INSTALLATION	B
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248316	1	Console Box Assembly (See Separate Breakdown in this Section)	

FIGURE 5-13. PLATFORM CONSOLE INSTALLATION - 2WD (UL SPECS)

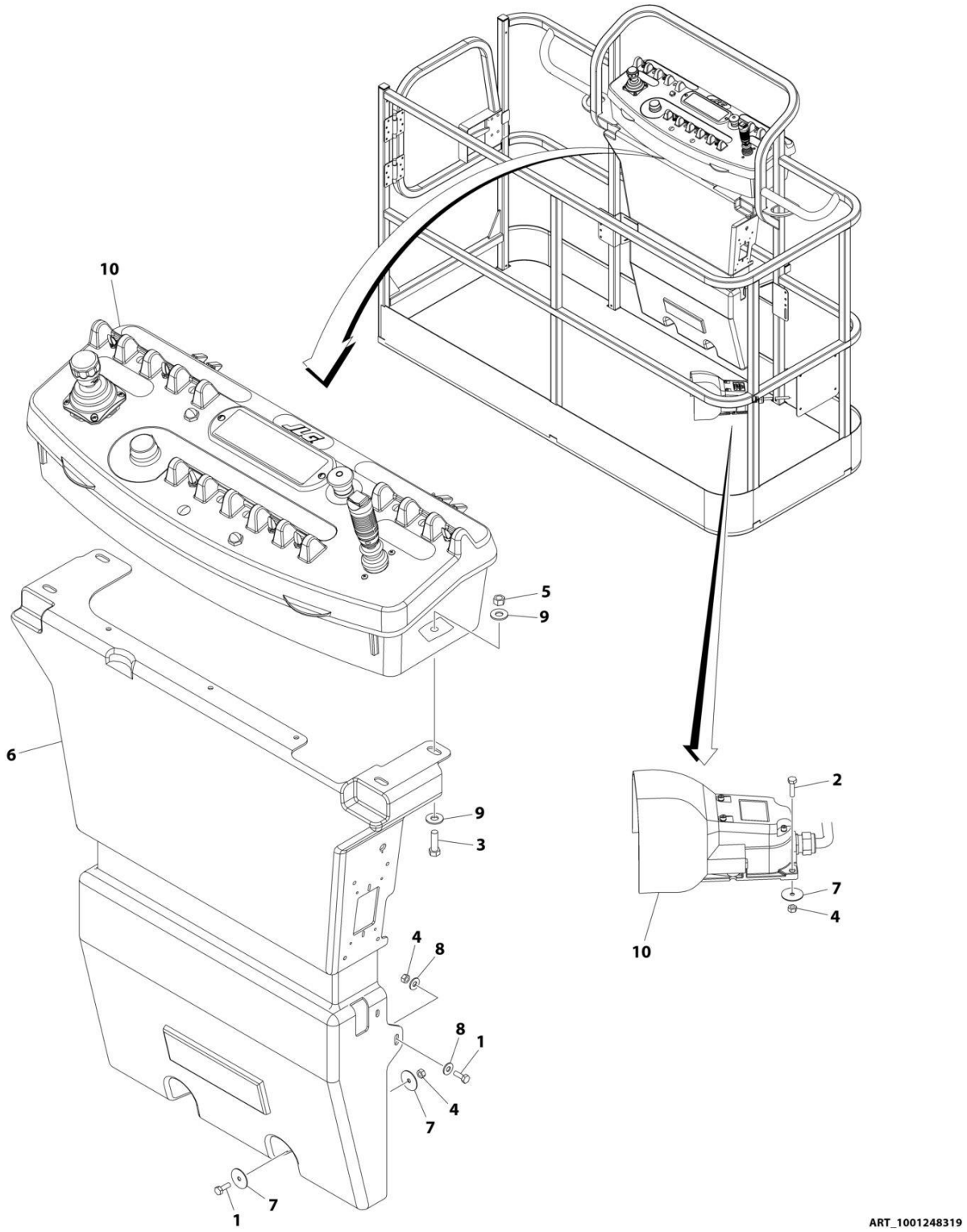


FIGURE 5-13. PLATFORM CONSOLE INSTALLATION - 2WD (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248319	Ref	PLATFORM CONSOLE BOX INSTALLATION	A
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248318	1	Console Box Assembly (See Separate Breakdown in this Section)	

FIGURE 5-14. PLATFORM CONSOLE INSTALLATION - 4WD (ALL SPECS EXCEPT UL SPECS)

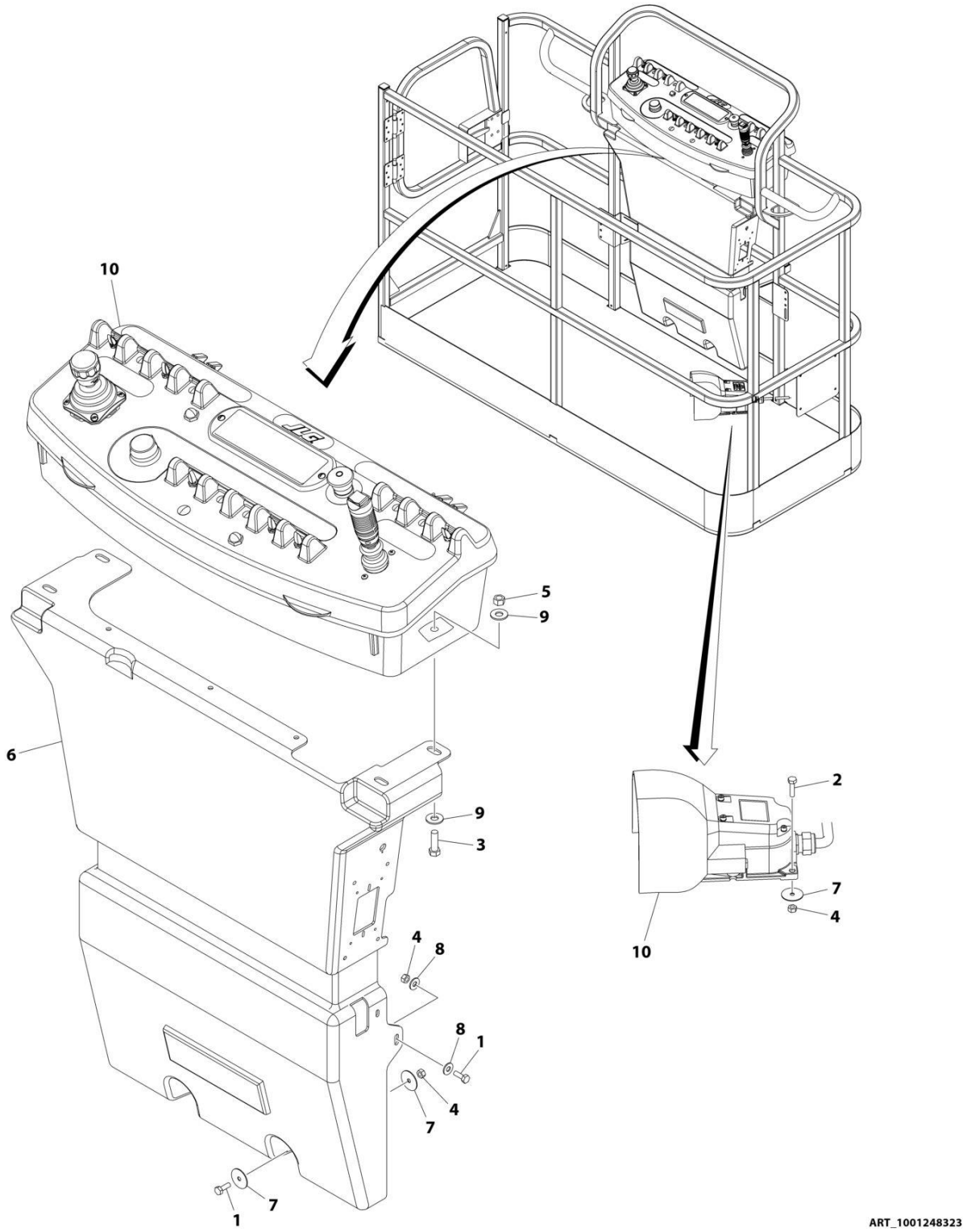


FIGURE 5-14. PLATFORM CONSOLE INSTALLATION - 4WD (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248323	Ref	PLATFORM CONSOLE BOX INSTALLATION	A
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248322	1	Console Box Assembly (See Separate Breakdown in this Section)	

FIGURE 5-15. PLATFORM CONSOLE INSTALLATION - 4WD (UL SPECS)

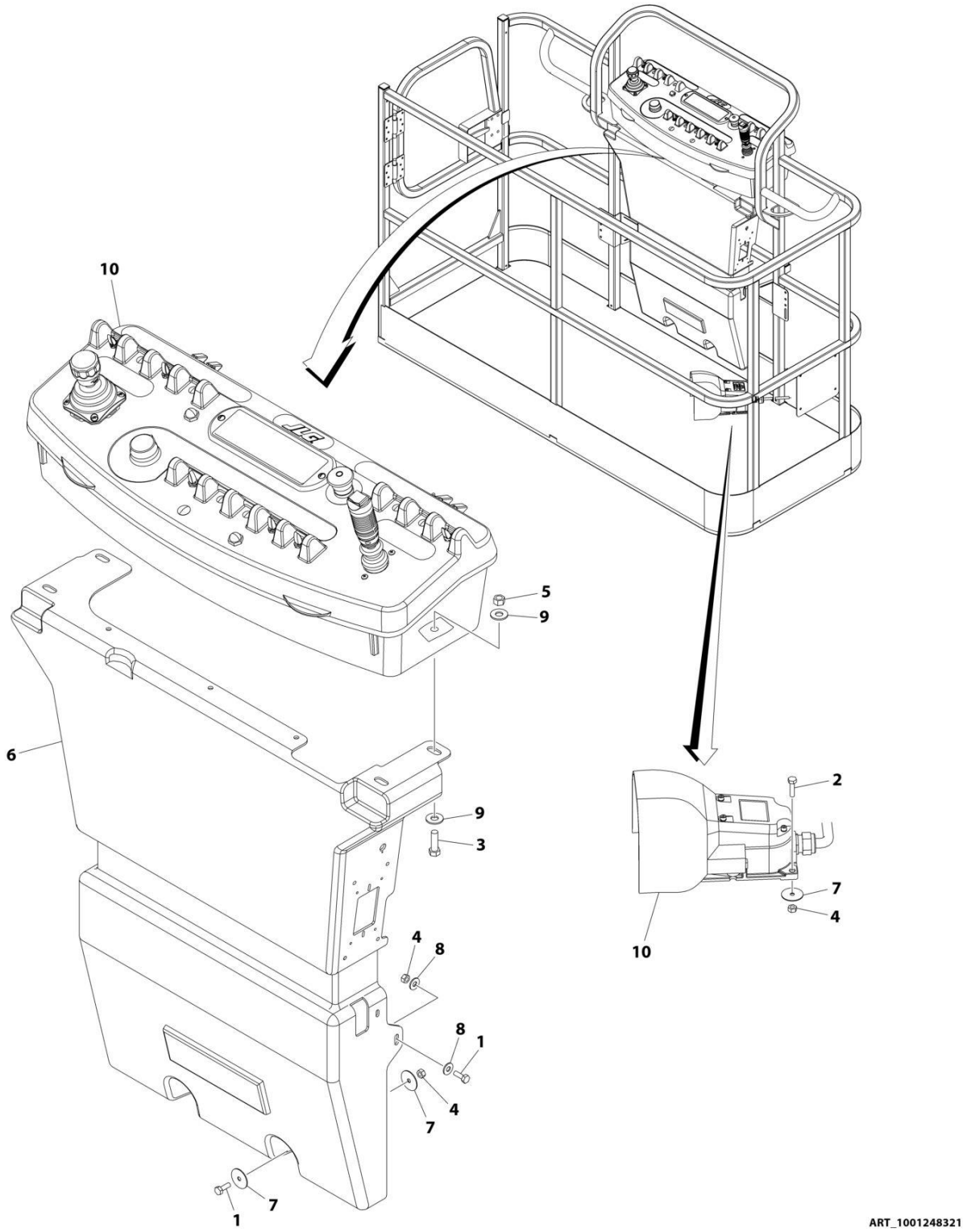


FIGURE 5-15. PLATFORM CONSOLE INSTALLATION - 4WD (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248321	Ref	PLATFORM CONSOLE BOX INSTALLATION	B
1	0641406	4	Bolt 1/4 x 3/4	
2	0641408	3	Bolt 1/4 x 1	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	3311405	7	Nut 1/4	
5	3311605	4	Nut 3/8	
6	3380434	1	Panel, Decal Mount	
7	4740362	7	Washer 1/4	
8	4751400	4	Washer 1/4	
9	4751600	8	Washer 3/8	
10	1001248320	1	Console Box Assembly (See Separate Breakdown in this Section)	

FIGURE 5-16. PLATFORM CONSOLE ASSEMBLY - 2WD (ALL SPECS EXCEPT UL SPECS)

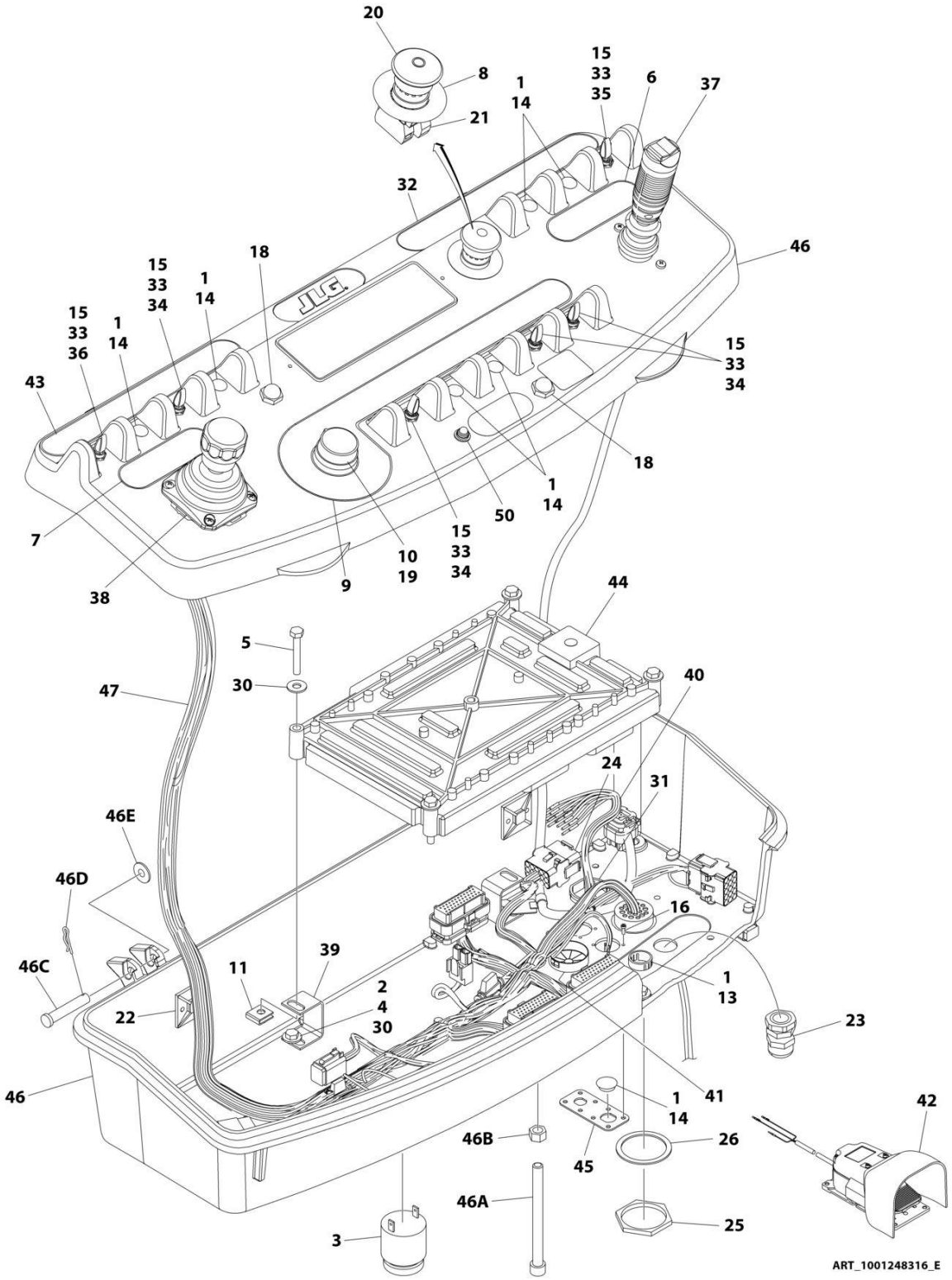


FIGURE 5-16. PLATFORM CONSOLE ASSEMBLY - 2WD (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248316	Ref	PLATFORM CONSOLE BOX ASSEMBLY	E
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641405	4	Bolt 1/4 x 5/8	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	7	Plug, Hole	
15	3790012	6	O-Ring	
16	3900349	8	Screw M2.5	
17	4240099	AR	Tie-Strap (Not Shown)	
18	4360387	2	Switch, Push Button	
19	4360407	1	Switch, Potentiometer	
20	1001274559	1	Switch, Emergency Stop	
21	4360476	1	Block, Contact	
22	4460234	6	Mount, Tie-Strap	
23	4460428	1	Connector, Strain Relief	
24	4460434	1	Connector - 15 Position	
25	4460470	1	Nut, Terminal	
26	4460471	1	Washer, Terminal	
30	4751400	8	Washer 1/4	
31	1001110434	1	Plug	
32	1001247538	1	Decal - Stop/Generator	
33	1001155044	6	Nut 15/32	
34	1001155045	4	Switch, Toggle	
35	1001159256	1	Switch, Toggle	
36	1001161710	1	Switch, Toggle	
37	1001275628	1	Controller Assembly - Drive and Steer	
38	1001275629	1	Controller Assembly - Lift and Swing	
39	1001172760	4	Bracket	
40	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
41	1001185281	1	Plug	
42	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
43	1001193987	1	Decal - Stop and Drive Select	
44	1001196520	1	Module, Platform (Note: Re-calibration Required when Replaced)	
45	1001213882	1	Mount, Connector	
46	1001215228	1	Console Box Assembly	C
46A	0630568	1	Capscrew 3/8 x 4-1/2	
46B	3311601	1	Nut 3/8	
46C	3430616	2	Pin	
46D	3470003	2	Hairpin	
46E	4711600	2	Washer 3/8	
47	1001272279	1	Platform Console Box Harness (See Separate Breakdown in	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			ELECTRICAL Section)	
50	1001206532	1	Lamp, Indicator	

FIGURE 5-17. PLATFORM CONSOLE ASSEMBLY - 2WD (UL SPECS)

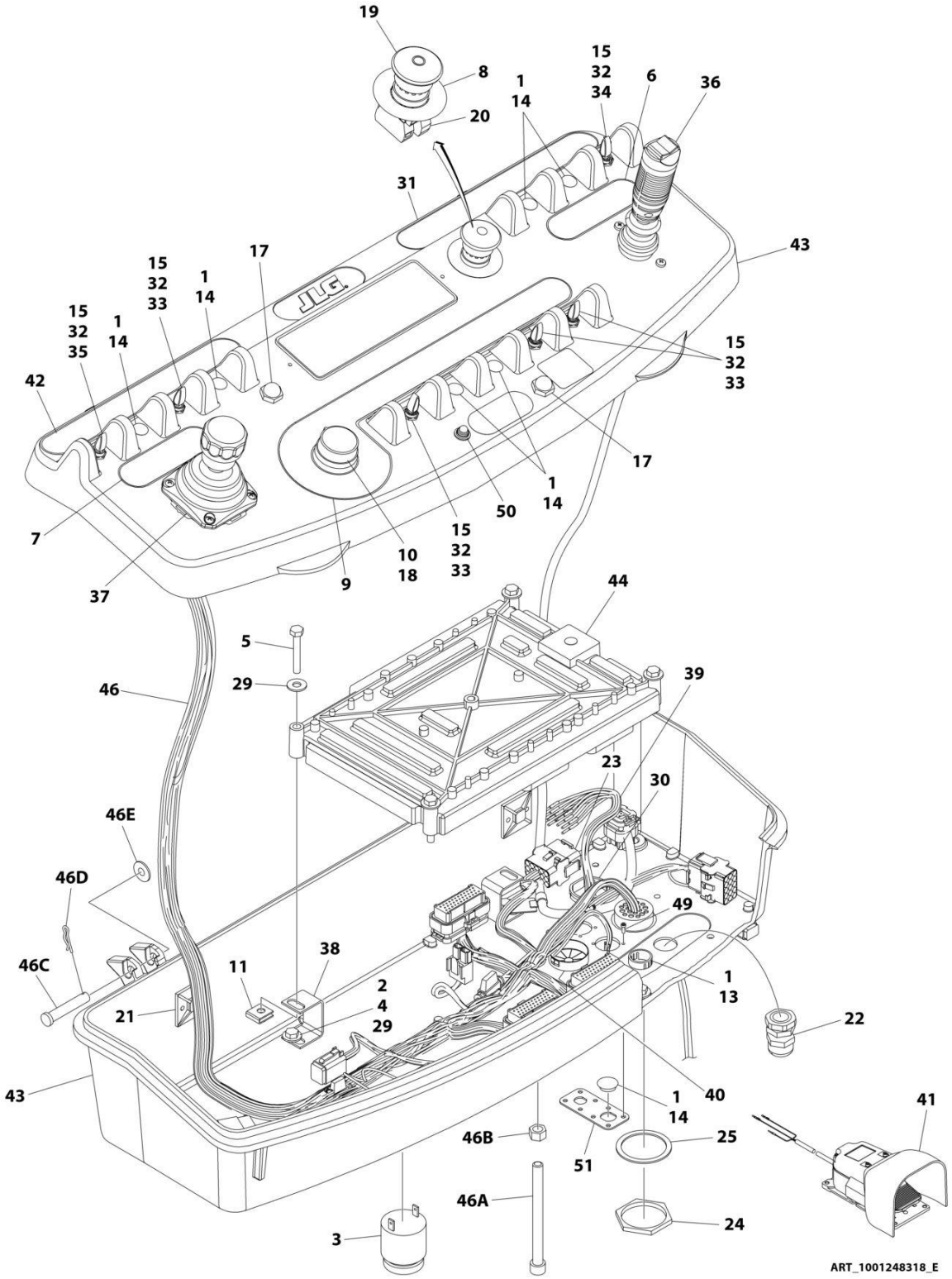


FIGURE 5-17. PLATFORM CONSOLE ASSEMBLY - 2WD (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248318	Ref	PLATFORM CONSOLE BOX ASSEMBLY	E
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641405	4	Bolt 1/4 x 5/8	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	7	Plug, Hole	
15	3790012	6	O-Ring	
16	4240099	AR	Tie-Strap (Not Shown)	
17	4360387	2	Switch, Push Button	
18	4360407	1	Switch, Potentiometer	
19	1001274559	1	Switch, Emergency Stop	
20	4360476	1	Block, Contact	
21	4460234	6	Mount, Tie-Strap	
22	4460428	1	Connector, Strain Relief	
23	4460434	1	Connector - 15 Position	
24	4460470	1	Nut, Terminal	
25	4460471	1	Washer, Terminal	
29	4751400	8	Washer 1/4	
30	1001110434	1	Plug	
31	1001247538	1	Decal - Stop/Generator	
32	1001155044	6	Nut 15/32	
33	1001155045	4	Switch, Toggle	
34	1001159256	1	Switch, Toggle	
35	1001161710	1	Switch, Toggle	
36	1001275628	1	Controller Assembly- Drive/Steer	
37	1001275629	1	Controller Assembly- Lift/Swing	
38	1001172760	4	Bracket	
39	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
40	1001185281	1	Plug	
41	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
42	1001193987	1	Decal - Stop and Drive Select	
43	1001215228	1	Console Box Assembly	C
43A	0630568	1	Capscrew 3/8 x 4-1/2	
43B	3311601	1	Nut 3/8	
43C	3430616	2	Pin	
43D	3470003	2	Hairpin	
43E	4711600	2	Washer 3/8	
44	1001215835	1	Module, Platform (Note: Re-calibration Required when Replaced)	
46	1001272279	1	Platform Console Box Harness (See Separate Breakdown in ELECTRICAL Section)	
49	3900349	8	Screw M2.5	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001206532	1	Lamp, Indicator	
51	1001213882	1	Mount, Connector	

FIGURE 5-18. PLATFORM CONSOLE ASSEMBLY - 4WD (ALL SPECS EXCEPT UL SPECS)

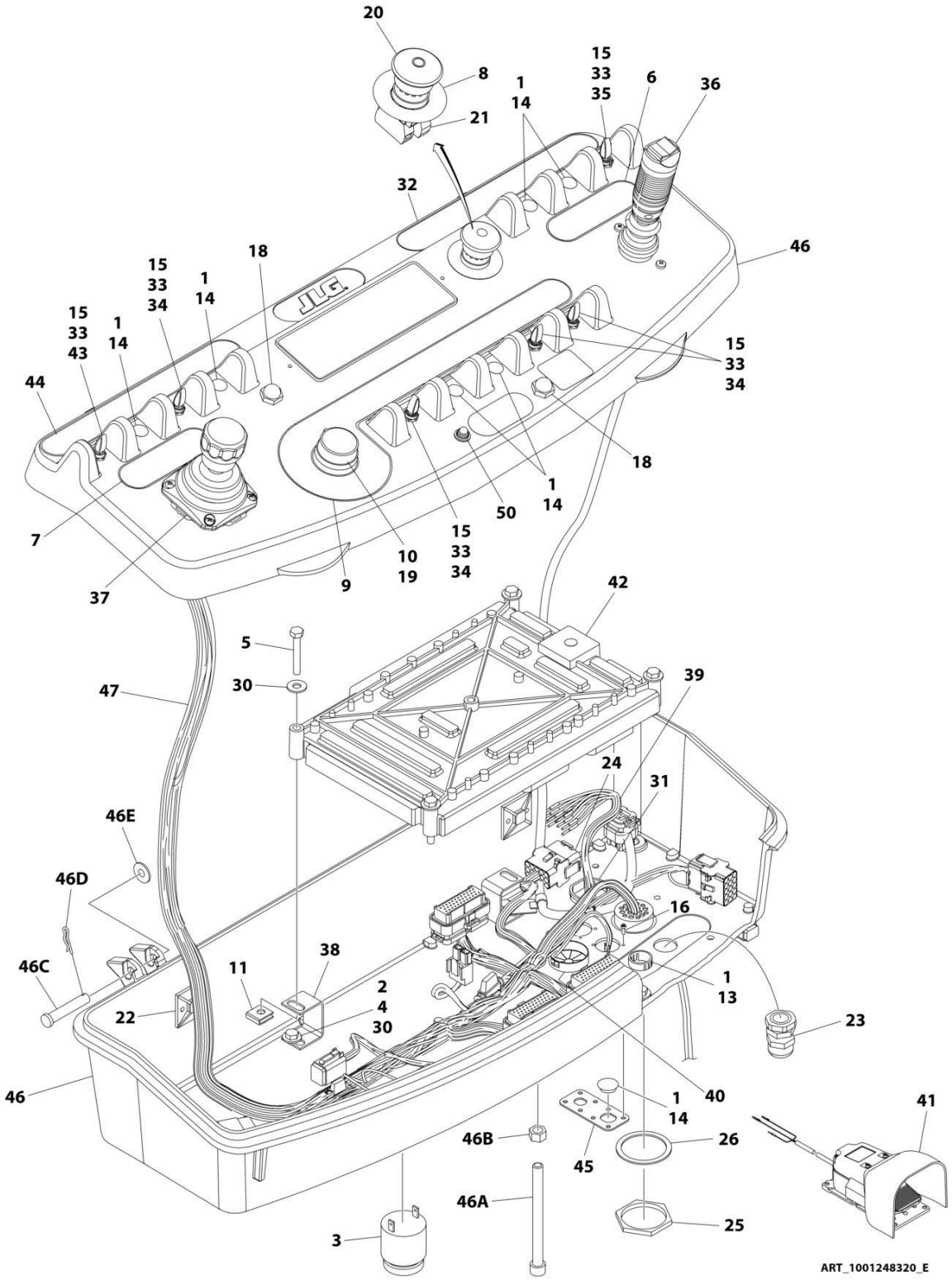


FIGURE 5-18. PLATFORM CONSOLE ASSEMBLY - 4WD (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248320	Ref	PLATFORM CONSOLE BOX ASSEMBLY	E
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641405	4	Bolt 1/4 x 5/8	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	7	Plug, Hole	
15	3790012	6	O-Ring	
16	3900349	8	Screw M2.5	
17	4240099	AR	Tie-Strap (Not Shown)	
18	4360387	2	Switch, Push Button	
19	4360407	1	Switch, Potentiometer	
20	1001274559	1	Switch, Emergency Stop	
21	4360476	1	Block, Contact	
22	4460234	6	Mount, Tie-Strap	
23	4460428	1	Connector, Strain Relief	
24	4460434	1	Connector - 15 Position	
25	4460470	1	Nut, Terminal	
26	4460471	1	Washer, Terminal	
30	4751400	8	Washer 1/4	
31	1001110434	1	Plug	
32	1001247538	1	Decal - Stop/Generator	
33	1001155044	6	Nut 15/32	
34	1001155045	4	Switch, Toggle	
35	1001159256	1	Switch, Toggle	
36	1001275628	1	Controller Assembly - Drive and Steer	
37	1001275629	1	Controller Assembly - Lift and Swing	
38	1001172760	4	Bracket	
39	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
40	1001185281	1	Plug	
41	1001117174	1	Module, Platform (Note: Re-calibration Required when Replaced)	
42	1001196520	1	Module, Platform (All Specs Except UL Specs)	
43	1001211363	1	Switch, Toggle	
44	1001212277	1	Decal - Horn/Drive Select	
45	1001213882	1	Mount, Connector	
46	1001215228	1	Console Box Assembly	C
46A	0630568	1	Capscrew 3/8 x 4-1/2	
46B	3311601	1	Nut 3/8	
46C	3430616	2	Pin	
46D	3470003	2	Hairpin	
46E	4711600	2	Washer 3/8	
47	1001272279	1	Platform Console Box Harness (See Separate Breakdown in	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			ELECTRICAL Section)	
50	1001206532	1	Lamp, Indicator	

FIGURE 5-19. PLATFORM CONSOLE ASSEMBLY - 4WD (UL SPECS)

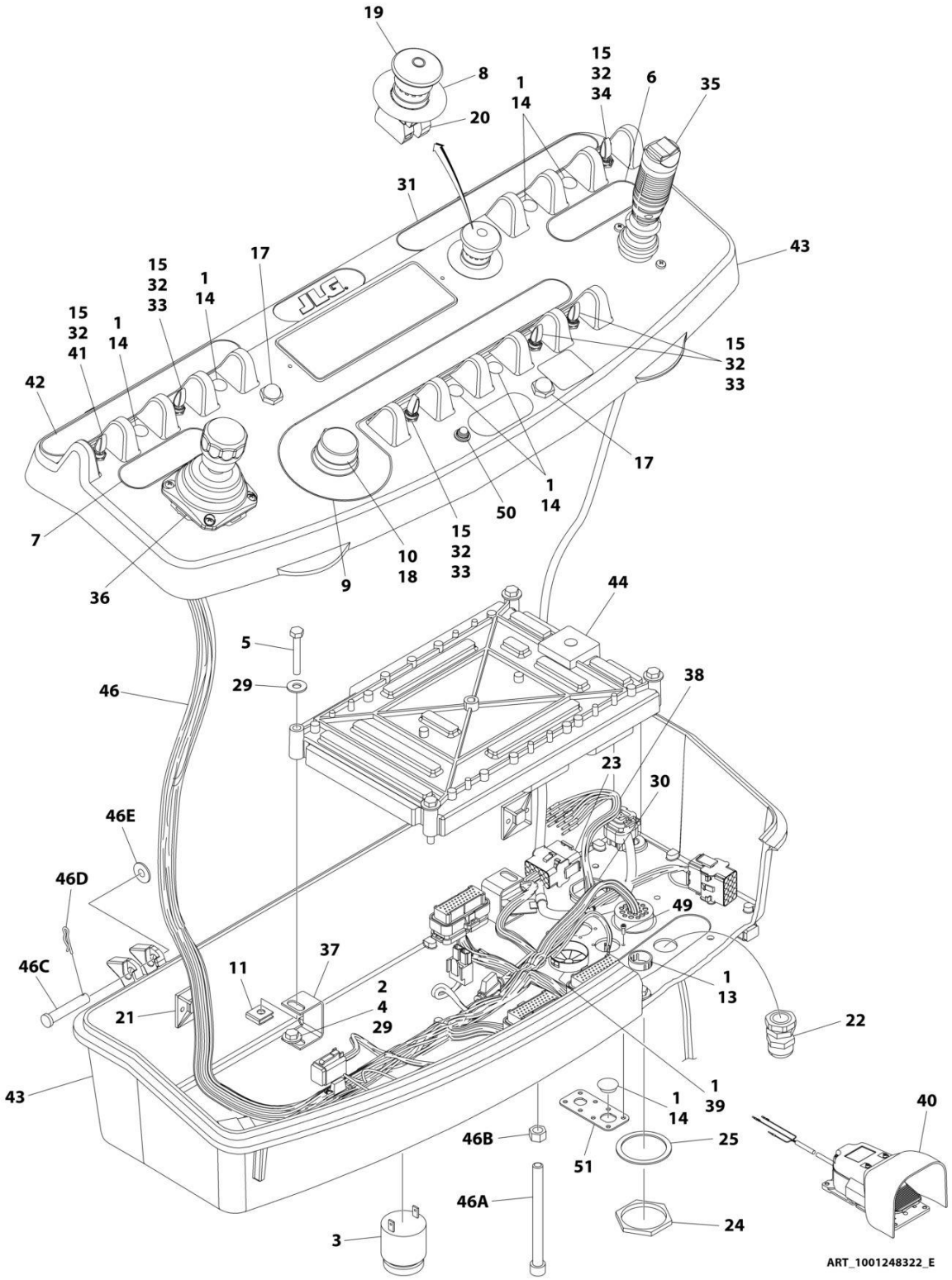


FIGURE 5-19. PLATFORM CONSOLE ASSEMBLY - 4WD (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248322	Ref	PLATFORM CONSOLE BOX ASSEMBLY	E
1	0100009	AR	Adhesive, Silicone	
2	0100035	AR	Compound, Locking	
3	0140011	1	Alarm	
4	0641405	4	Bolt 1/4 x 5/8	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	1702565	1	Decal - Drive and Steer	
7	1702566	1	Decal - Lift and Swing	
8	1704260	1	Decal - EMS	
9	1704422	1	Decal - Function Speed	
10	2560136	1	Knob, Speed Control	
11	3300353	4	Nut, Tinnerman	
13	3520030	1	Plug, Hole	
14	3520054	7	Plug, Hole	
15	3790012	6	O-Ring	
16	4240099	AR	Tie-Strap (Not Shown)	
17	4360387	2	Switch, Push Button	
18	4360407	1	Switch, Potentiometer	
19	1001274559	1	Switch, Emergency Stop	
20	4360476	1	Block, Contact	
21	4460234	6	Mount, Tie-Strap	
22	4460428	1	Connector, Strain Relief	
23	4460434	1	Connector - 15 Position	
24	4460470	1	Nut, Terminal	
25	4460471	1	Washer, Terminal	
29	4751400	8	Washer 1/4	
30	1001110434	1	Plug	
31	1001247538	1	Decal - Stop/Generator	
32	1001155044	6	Nut 15/32	
33	1001155045	4	Switch, Toggle	
34	1001159256	1	Switch, Toggle	
35	1001275628	1	Controller Assembly - Drive and Steer	
36	1001275629	1	Controller Assembly - Lift and Swing	
37	1001172760	4	Bracket	
38	1001255918	1	Boom Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
39	1001185281	1	Plug	
40	1001117174	1	Footswitch Assembly (See Separate Breakdown in this Section)	
41	1001211363	1	Switch , Toggle	
42	1001212277	1	Decal - Horn/Drive Select	
43	1001215228	1	Console Box Assembly	C
43A	0630568	1	Capscrew 3/8 x 4-1/2	
43B	3311601	1	Nut 3/8	
43C	3430616	2	Pin	
43D	3470003	2	Hairpin	
43E	4711600	2	Washer 3/8	
44	1001215835	1	Module, Platform (Note: Re-calibration Required when Replaced)	
46	1001272279	1	Platform Console Box Harness (See Separate Breakdown in ELECTRICAL Section)	
49	3900349	8	Screw M2.5	

SECTION 5 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001206532	1	Lamp, Indicator	
51	1001213882	1	Mount, Connector	

FIGURE 5-20. FOOTSWITCH ASSEMBLY

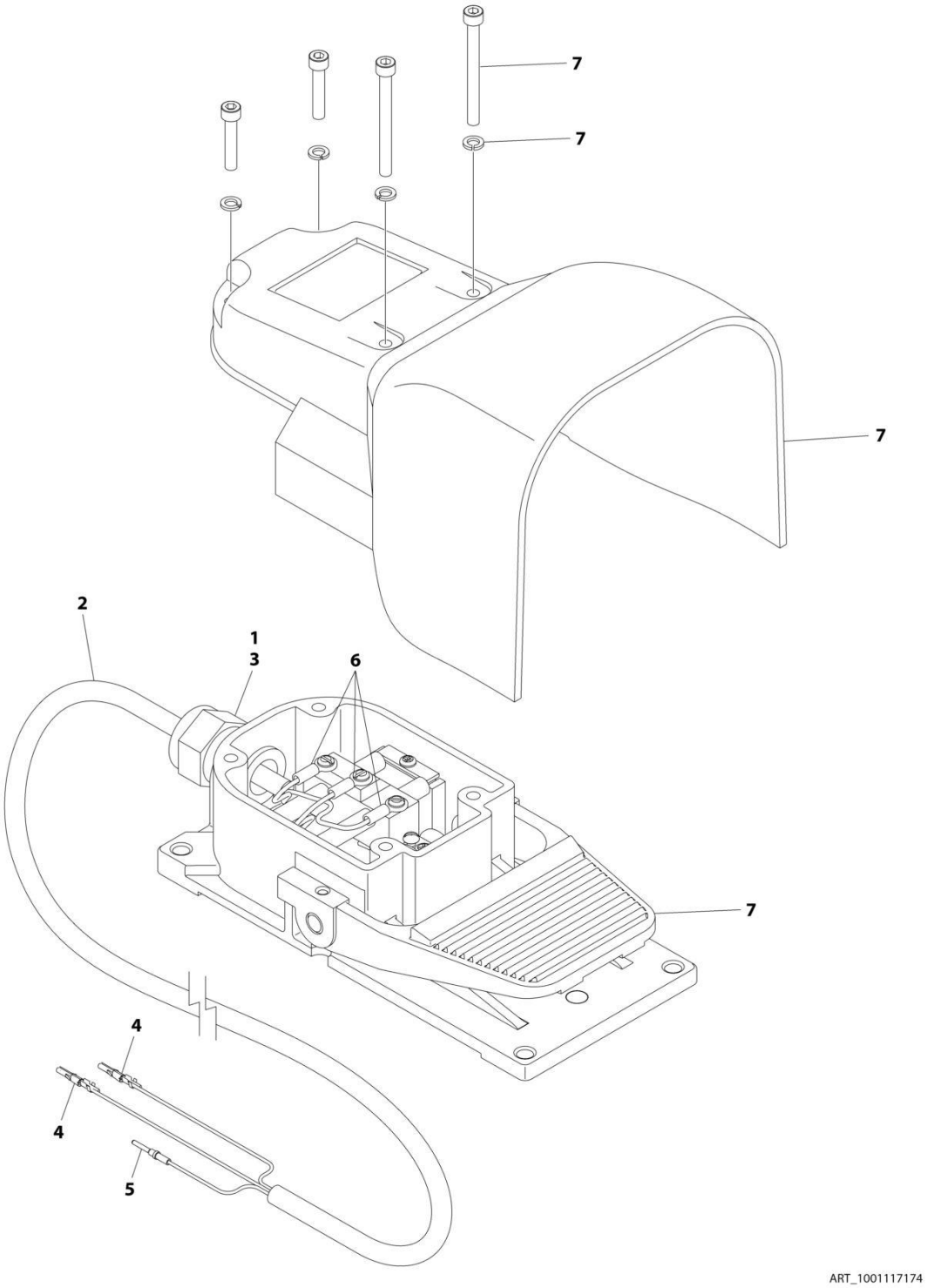


FIGURE 5-20. FOOTSWITCH ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001117174	Ref	FOOTSWITCH ASSEMBLY	C
1	0100020	AR	Sealant	
2	1060918	7.5 ft/ 2.3m	Cable, Electrical - 18/3	
3	4460071	1	Connector, Strain Relief	
4	4460226	2	Socket, Female	
5	4460464	1	Pin, Male	
6	1001098122	3	Terminal	
7	1001117172	1	Footswitch	
7	70002902	1	Switch, 20Amp	
7	70002903	1	Gasket	
7	70002905	1	Cover	
7	70002904	1	Kit, Replacement Bolt	

FIGURE 5-21. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

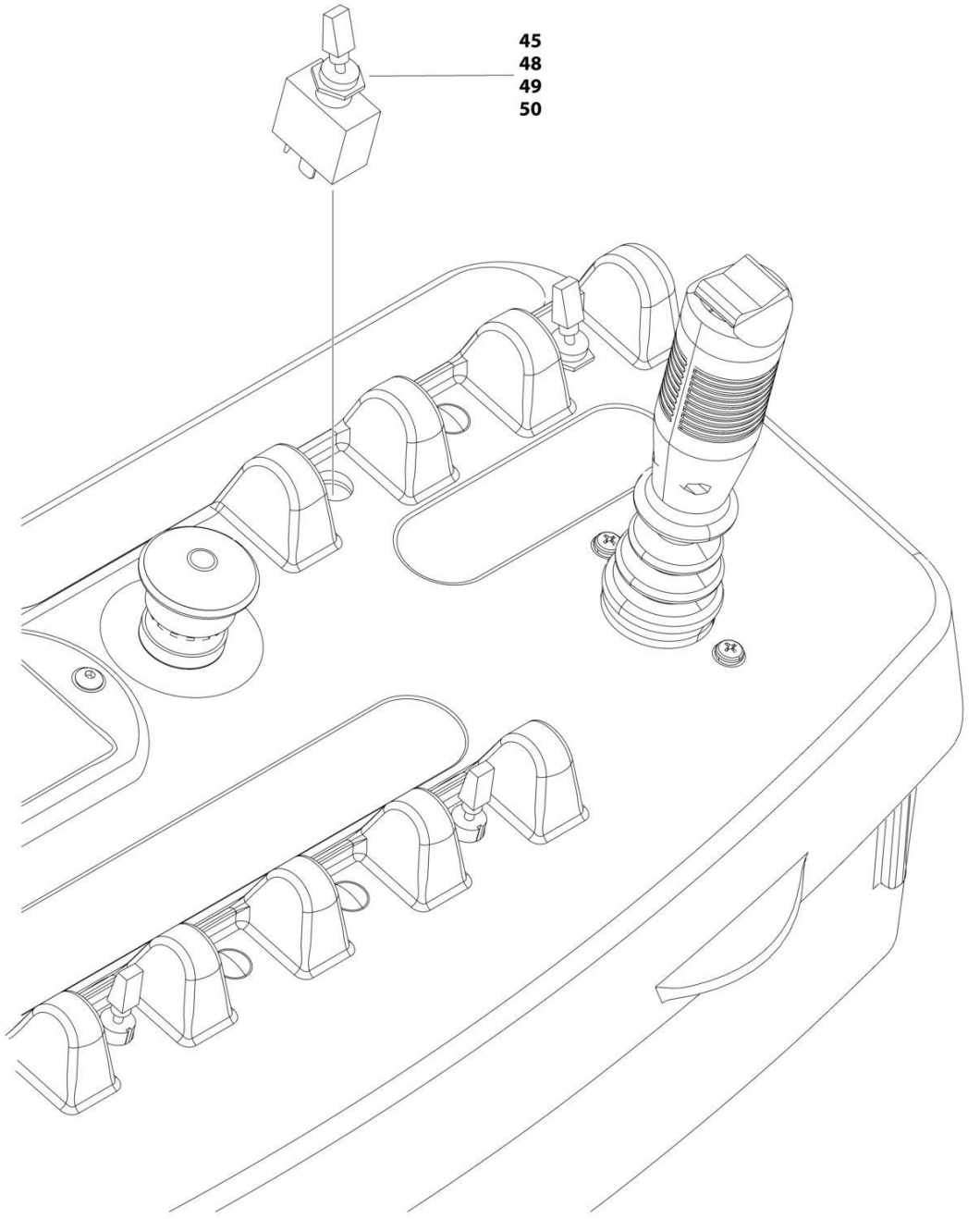


FIGURE 5-21. ENGINE CONTROLS INSTALLATION - STANDARD BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199313	Ref	MOTOR CONTROLS INSTALLATION - STANDARD BATTERIES (M600/M600J/M600JP)	G
45	3790012	1	O-Ring	
48	4740397	1	Spacer	
49	1001155044	1	Nut	
50	1001161710	1	Switch, Toggle	

FIGURE 5-22. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

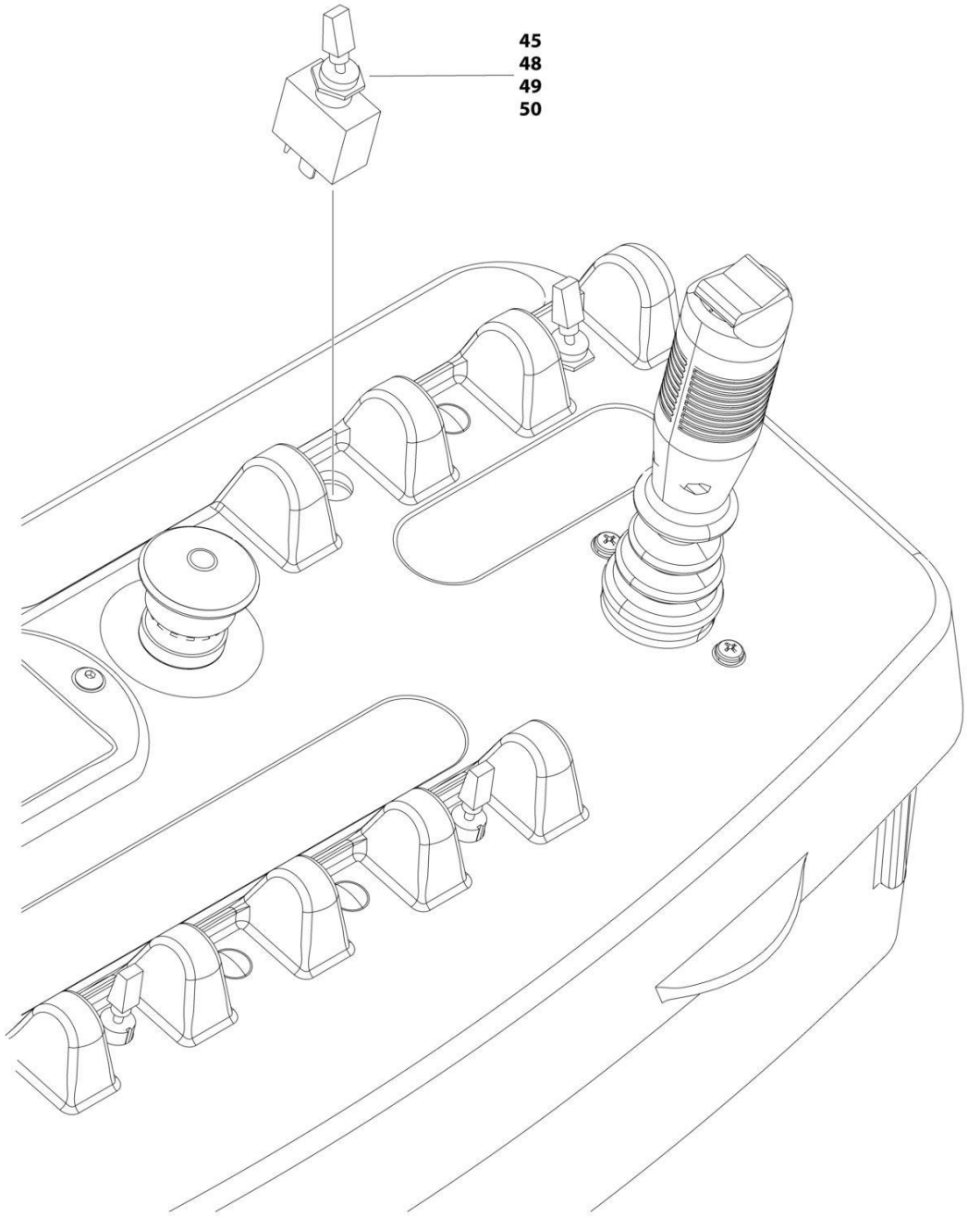


FIGURE 5-22. ENGINE CONTROLS INSTALLATION - AGM BATTERIES (H600SJ/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001207674	Ref	ENGINE CONTROLS INSTALLATION - AGM BATTERIES	F
45	3790012	1	O-Ring	
48	4740397	1	Spacer	
49	1001155044	1	Nut	
50	1001161710	1	Switch, Toggle	

FIGURE 5-23. JIB ROTATE SWITCH INSTALLATION (EC600SJP/H600SJP)

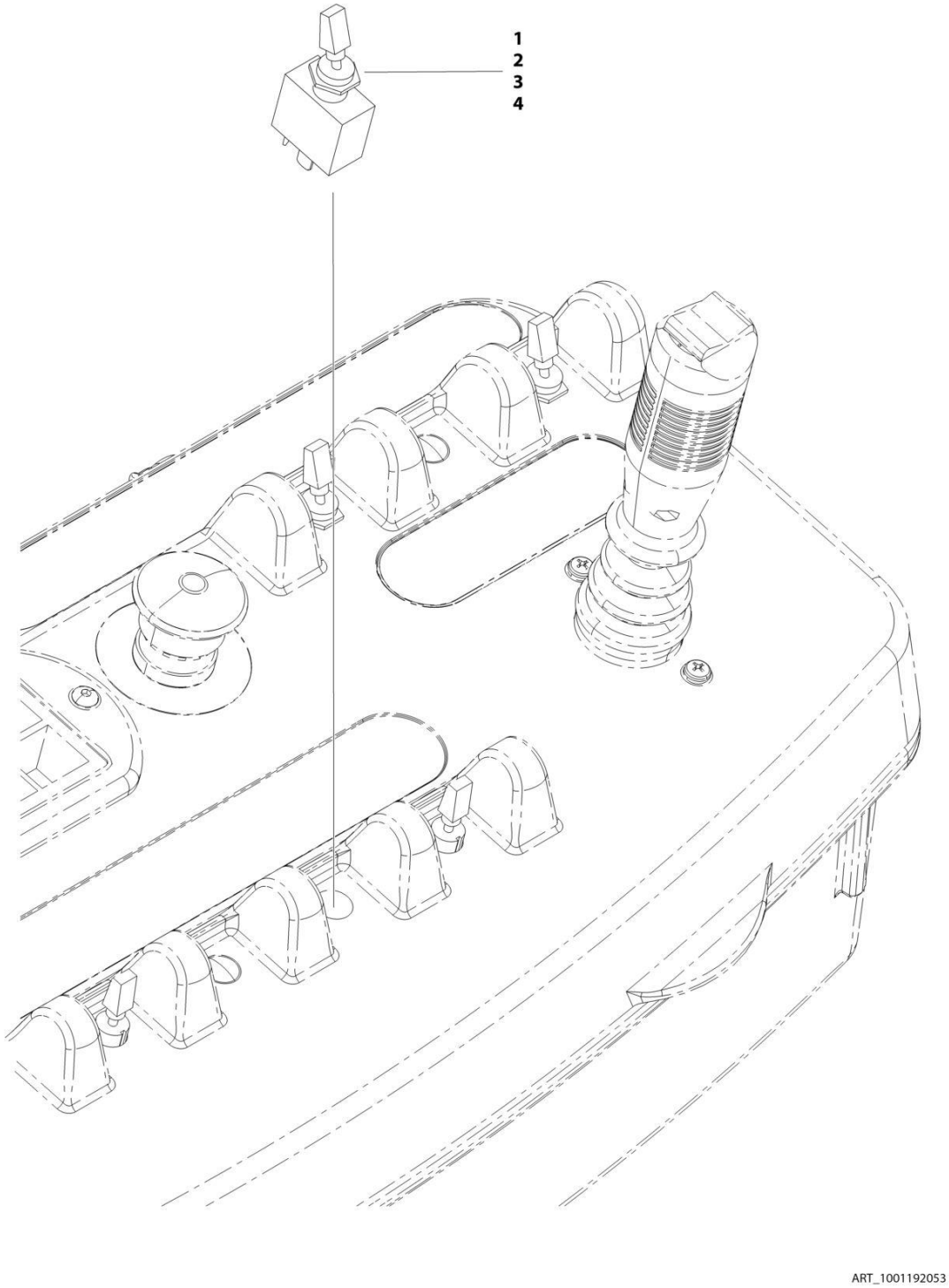


FIGURE 5-23. JIB ROTATE SWITCH INSTALLATION (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192053	Ref	JIB ROTATE SWITCH INSTALLATION	A
1	3790012	1	O-Ring	
2	4740397	1	Spacer, Washer	
3	1001155044	1	Nut 15/32	
4	1001155045	1	Switch, Toggle	

FIGURE 5-24. LIGHT PANEL INSTALLATION

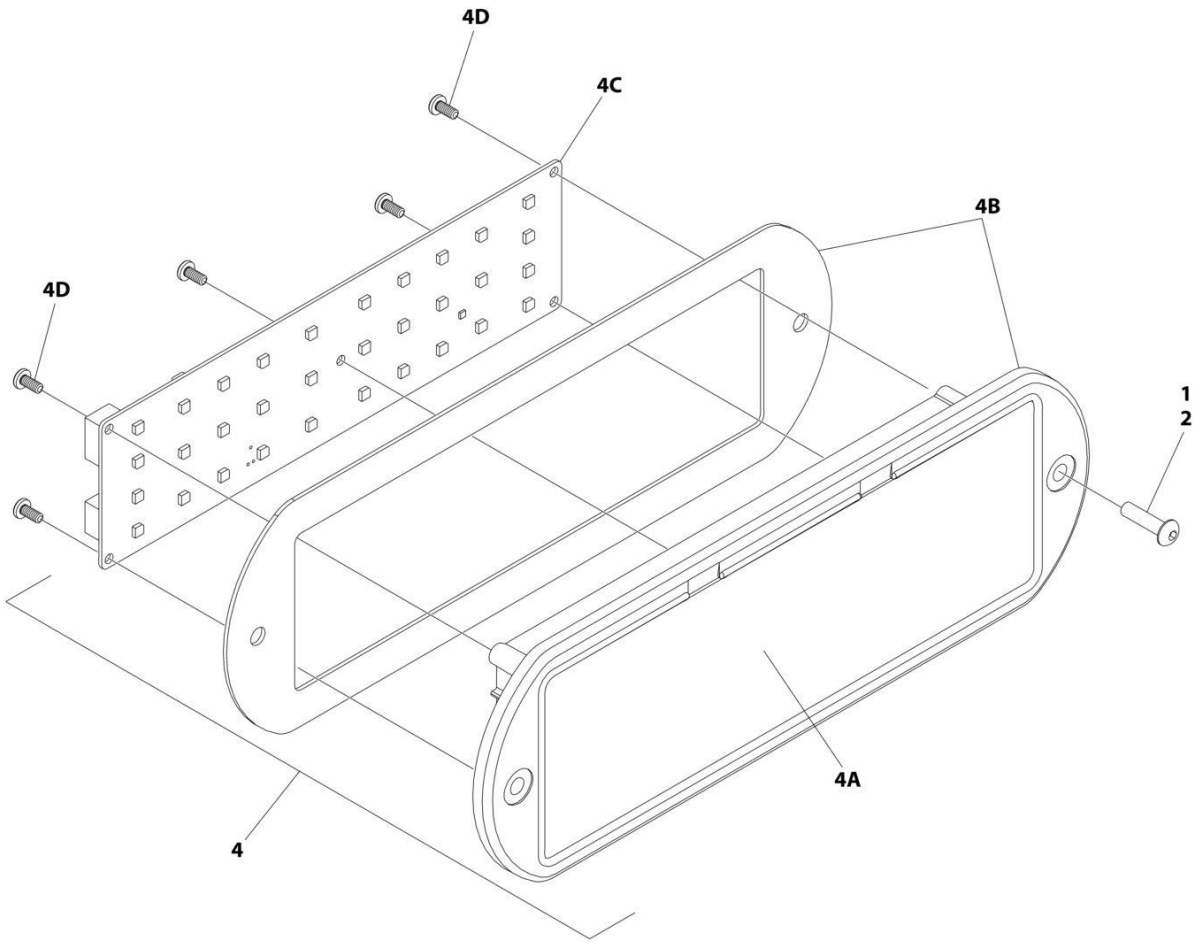


FIGURE 5-24. LIGHT PANEL INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245179	Ref	LIGHT PANEL INSTALLATION	B
1	0100035	AR	Compound, Locking	
2	3911010	2	Screw #10 x 5/8	
4	1001245210	1	Light Panel Assembly	
4A	1001245164	1	Lens, I-Con	
4B	1001245173	1	Bezel (Includes Gasket)	
4C	1001238732	1	Panel, LED Light	
4D		Ref	Screw	

FIGURE 5-25. TRAY ASSEMBLY

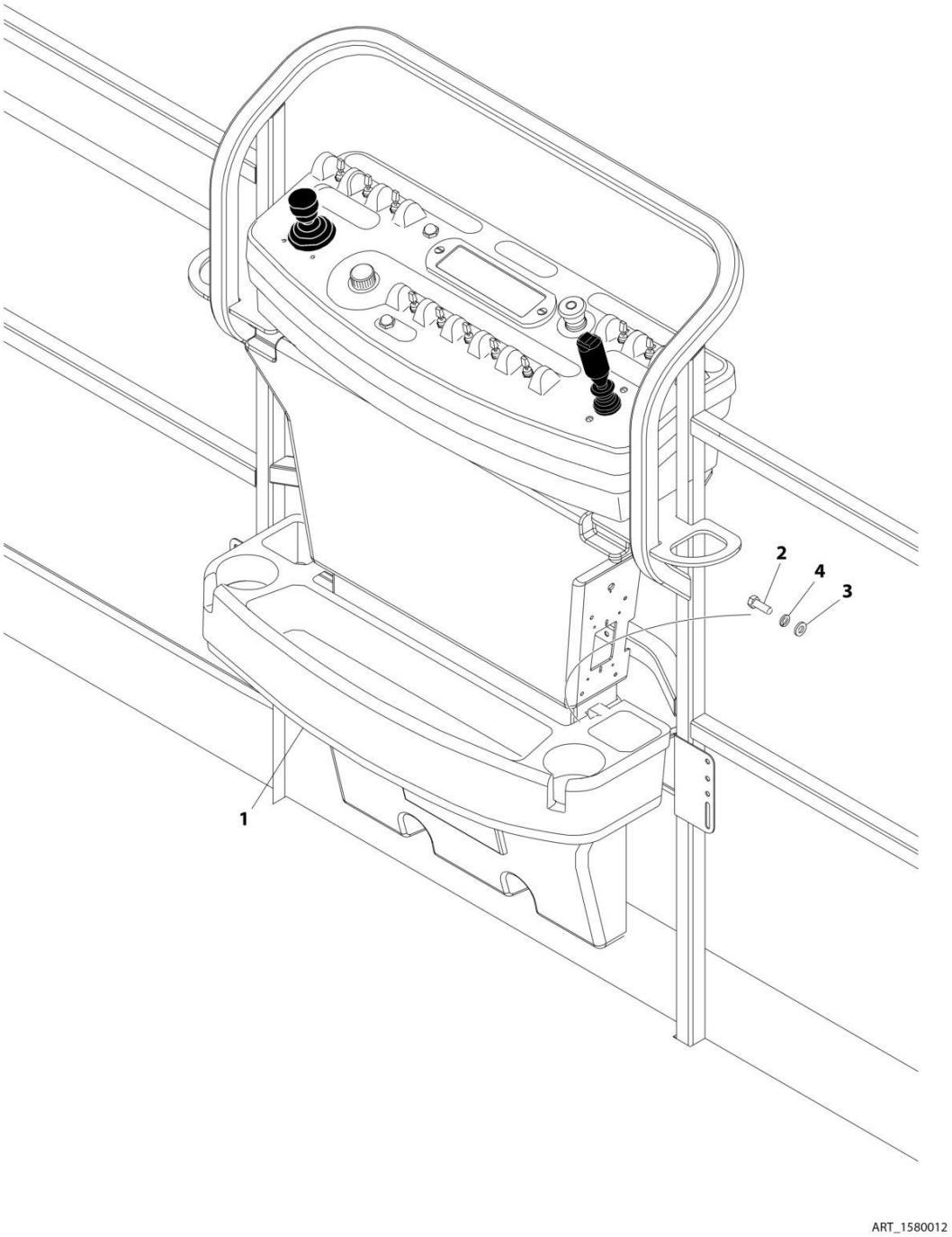


FIGURE 5-25. TRAY ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1580012	Ref	TRAY ASSEMBLY	C
1	See Note	NSS	Tray, Storage (Center) (Note: Purchase p/n 1580012)	
2	0641406	2	Bolt 1/4 x 3/4	
3	4751400	2	Washer 1/4	
4	4761400	2	Washer 1/4	

FIGURE 5-26. SKYEYE INSTALLATION

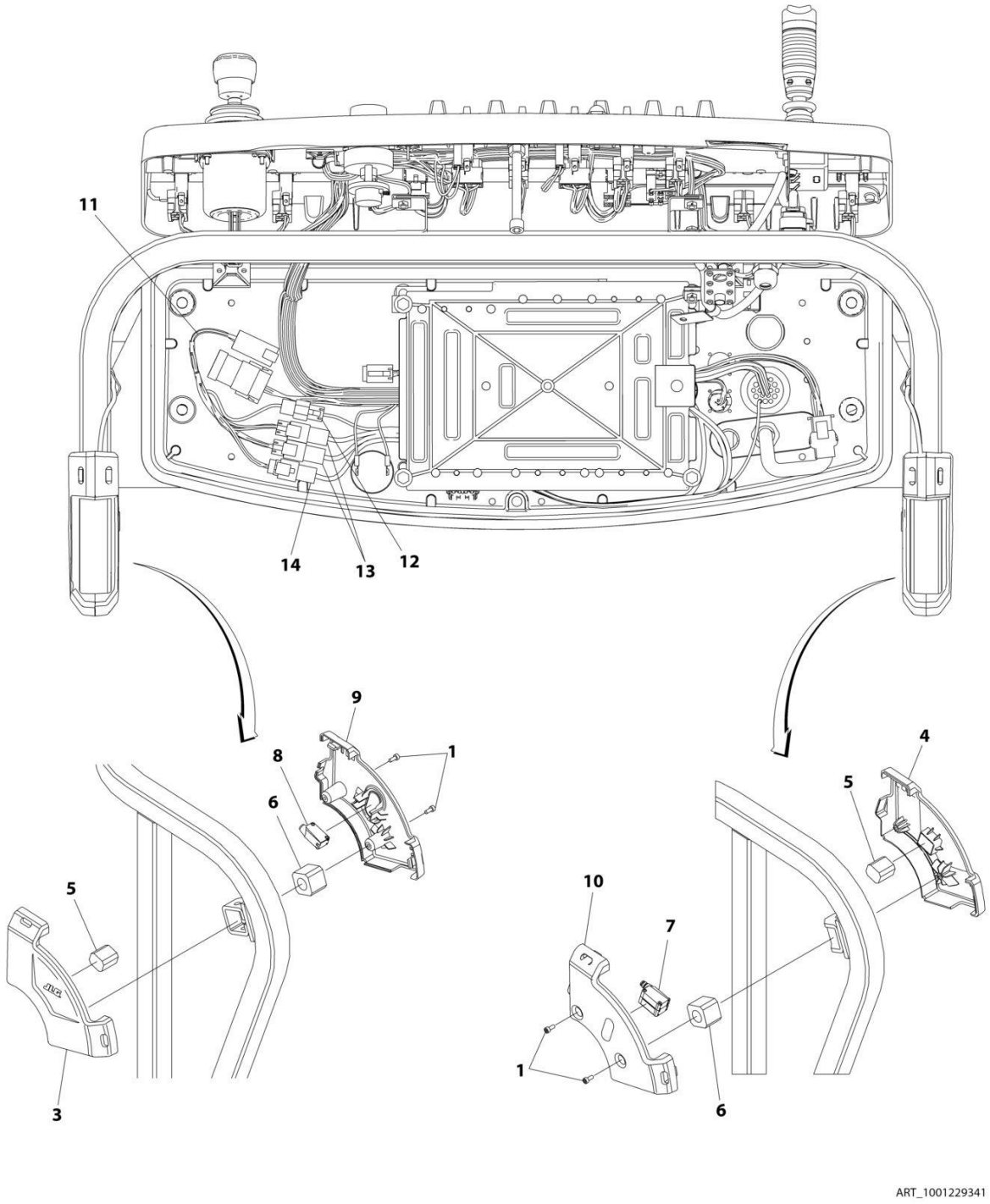


FIGURE 5-26. SKYEYE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001229341	Ref	SKYEYE INSTALLATION	B
1	4031505	4	Bolt M4 x 10	
2	4240033	AR	Tie-Strap (Not Shown)	
3	1001227633	1	Housing, LH Outer	
4	1001227634	1	Housing, RH Outer	
5	1001227985	2	Shim	
6	1001227987	2	Shim	
7	1001228224	2	Sensor, Receiver	
8	1001228225	1	Sensor, Emitter	
9	1001232164	1	Housing, LH Inner	
10	1001232165	1	Housing, RH Inner	
11	1001237865	1	Harness, Skyeye Intermediate (See Separate Breakdown in ELECTRICAL Section)	
12	1001238319	NLA	Harness, Skyeye Drain Jumper	
12	1001187674	1	Plug, Male - 2 Position	
12	4460942	1	Terminal	
12	4460466	1	Plug, Terminal	
12	4460508	1	Pin, Male	
13	1001237863	2	Harness, Skyeye Receiver (See Separate Breakdown in ELECTRICAL Section)	
14	1001237864	1	Harness, Skyeye Emitter (See Separate Breakdown in ELECTRICAL Section)	

FIGURE 5-27. SKYGUARD BAR INSTALLATION

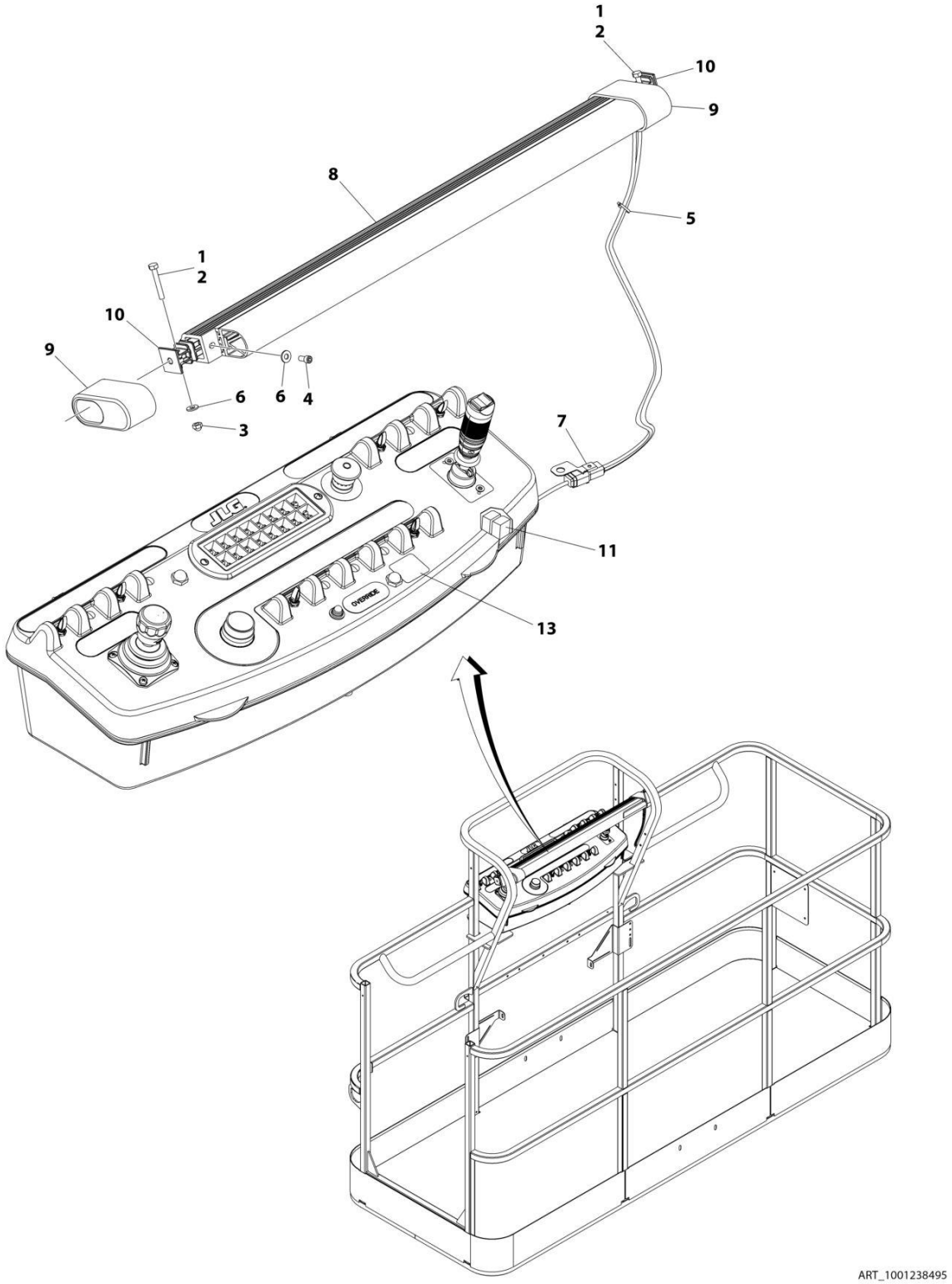


FIGURE 5-27. SKYGUARD BAR INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238495	Ref	SKYGUARD BAR INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641414	2	Bolt 1/4 x 1-3/4	
3	3300430	2	Nut 1/4	
4	3931408	2	Capscrew 1/4 x 1/2	
5	4240033	8	Tie-Strap	
6	4711400	6	Washer 1/4	
7	1001120328	1	Mount	
8	1001137673	1	SkyGuard Switch Assembly	
9	1001186517	2	Cover, Platform Sensor	
10	1001209664	2	Support, Block	
11	1001186431	2	Relay	
12	1001225580	1	Interface Harness Assembly (Not Shown - Located Inside Console Box) (See Separate Breakdown in ELECTRICAL Section)	
13	1001144433	1	Decal - No Weight SkyGuard	

FIGURE 5-28. SKYLINE INSTALLATION

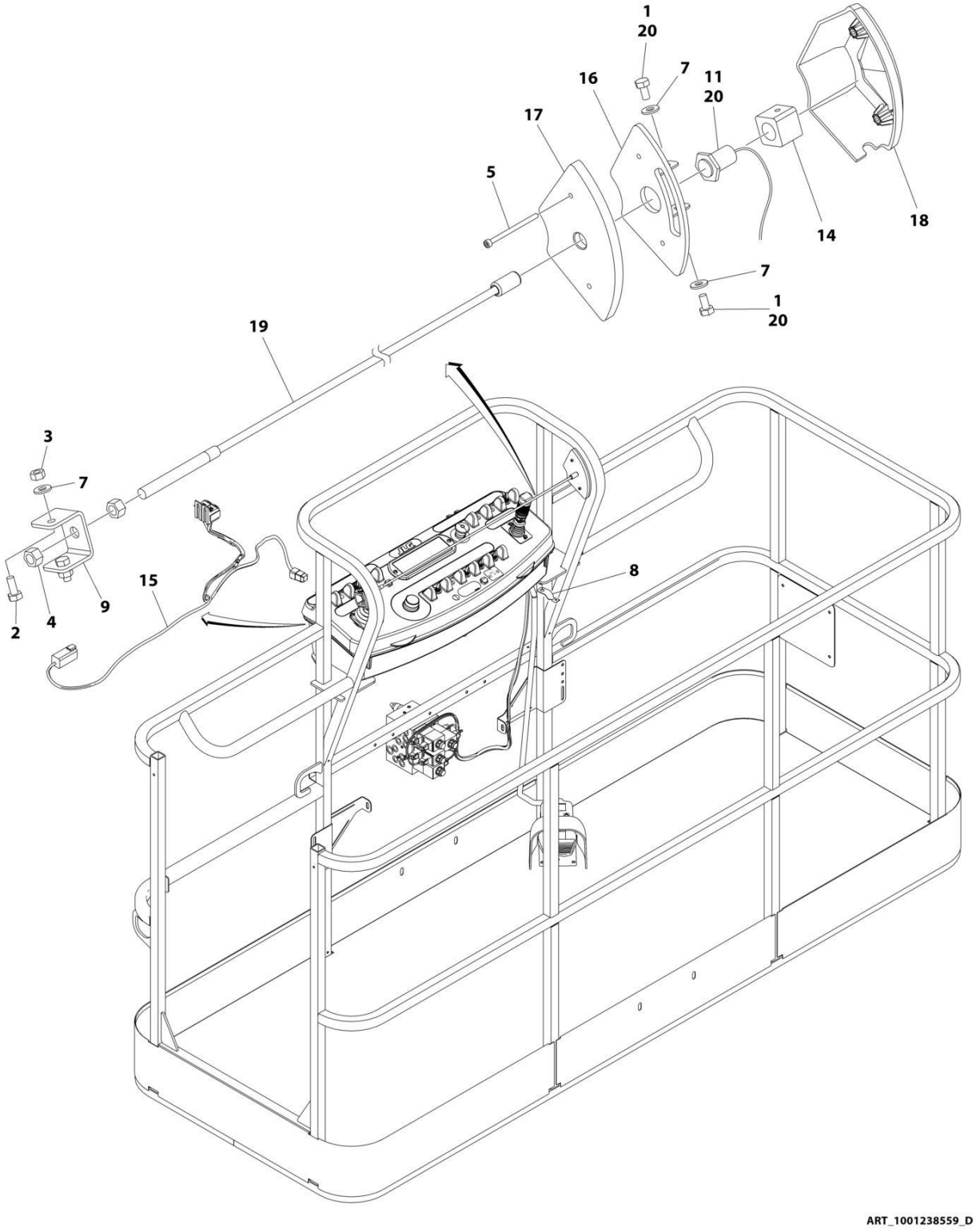


FIGURE 5-28. SKYLINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238559	Ref	SKYLINE INSTALLATION	D
1	0641404	2	Bolt 1/4 x 1/2	
2	0641405	2	Bolt 1/4 x 5/8	
3	3311405	2	Nut 1/4	
4	3311601	2	Nut 3/8	
5	4031516	2	Capscrew M4 x 60	
6	4240033	AR	Tie-Strap (Not Shown)	
7	4711400	4	Washer 1/4	
8	1001120328	1	Mount	
9	1001232642	1	Bracket	
11	1001232667	1	Sensor, Proximity	
14	1001236552	1	Block	
15	1001238418	1	Harness, Skyline (See Separate Breakdown in ELECTRICAL Section)	
16	1001238472	1	Mount	
17	1001254473	1	Housing, LH	
18	1001241965	1	Housing, RH	
19	1001254472	1	Rod	
20	0100011	AR	Compound, Locking	

FIGURE 5-29. SKYSENSE MID TUBE SENSOR ASSEMBLY

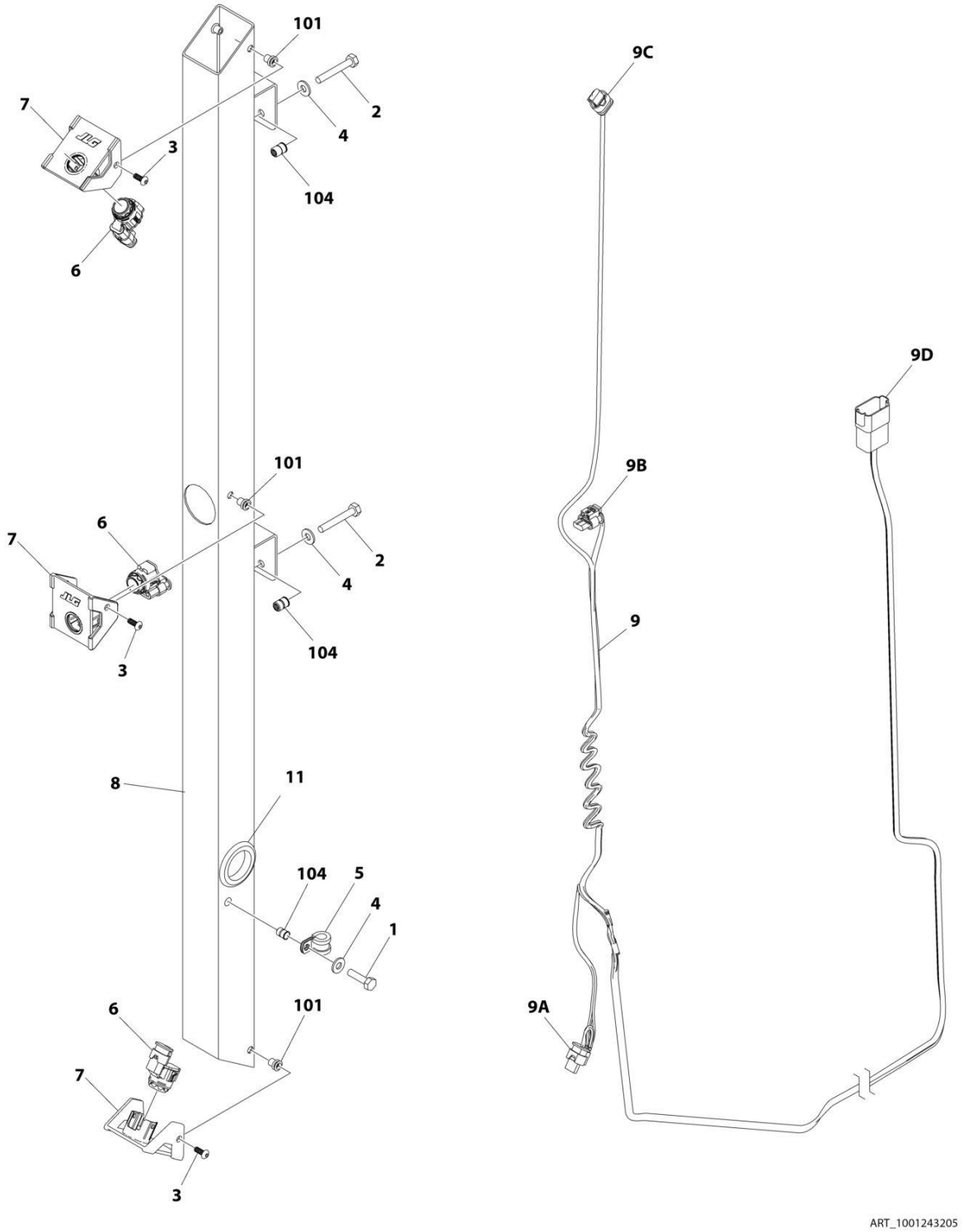


FIGURE 5-29. SKYSENSE MID TUBE SENSOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001243205	Ref	SKYSENSE MID TUBE SENSOR ASSEMBLY	C
1	0641408	1	Bolt 1/4 x 1	
2	0641414	2	Bolt 1/4 x 1-3/4	
3	1001260525	6	Screw #10 x 1/2	
4	4711400	3	Washer 1/4	
5	1001260524	1	Clamp	
6	1001237902	3	Sensor, SkySense	
7	1001241162	3	Mount, Sensor	
8	1001243092	1	Tube Assembly (Includes items 101 through 104)	C
9	1001244336	1	Harness, SkySense Mid Tube	D
9A	1001237898	1	Connector	
9A	1001237888	3	Terminal	
9B	1001237898	1	Connector	
9B	1001237888	3	Terminal	
9C	1001237898	1	Connector	
9C	1001237888	3	Terminal	
9D	4460931	1	Connector	
9D	4460943	7	Pin	
9D	4460466	1	Plug	
10	1001246389	1	Decal (Not Shown)	
11	1001247252	1	Grommet	
101	2080069	6	Fastener	
104	1001258730	3	Rivnut	

FIGURE 5-30. SKYSENSE OVERHEAD SENSOR ASSEMBLY

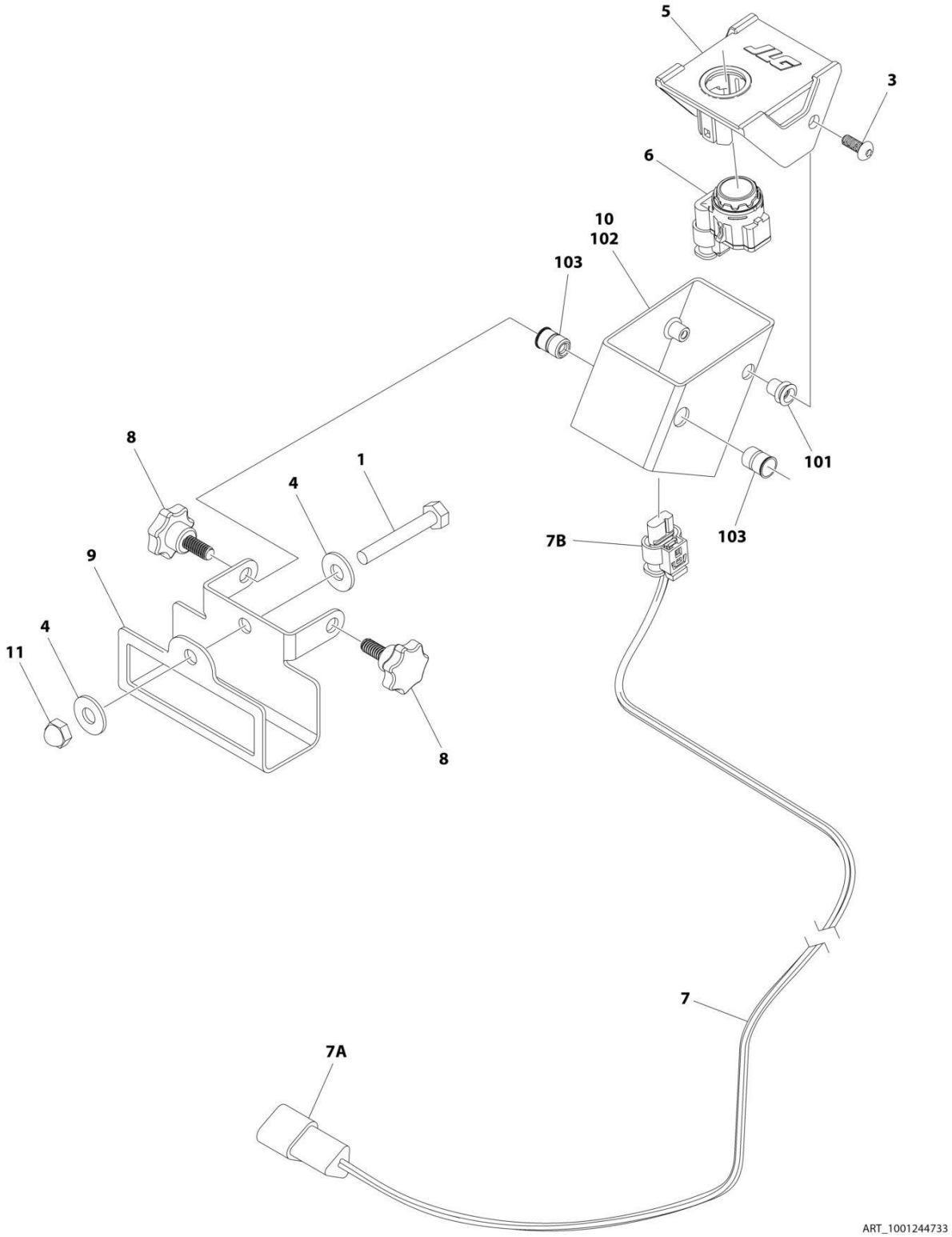


FIGURE 5-30. SKYSENSE OVERHEAD SENSOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244733	Ref	SKYSENSE OVERHEAD SENSOR ASSEMBLY	D
1	0641414	1	Bolt 1/4 x 1-3/4	
3	1001260525	2	Screw #10 x 1/2	
4	4751400	2	Washer 1/4	
5	1001237891	1	Mount, Sensor	
6	1001237902	1	Sensor, SkySense	
7	1001244335	1	Harness, SkySense Overhead	D
7A	4460536	1	Connector	
7A	4460943	3	Pin	
7B	1001237898	1	Connector	
7B	1001237888	1	Terminal	
8	1001244671	2	Knob	
9	1001244709	1	Bracket, Mounting	
10	1001244732	1	Housing Assembly (Includes items 101 through 103)	B
11	3300430	1	Nut	
101	2080069	2	Fastener	
102	1001244710	1	Housing, Sensor	
103	1001258730	2	Rivnut	

FIGURE 5-31. SOFT TOUCH INSTALLATION (SIDE ENTRY PLATFORM) (OPTIONAL)

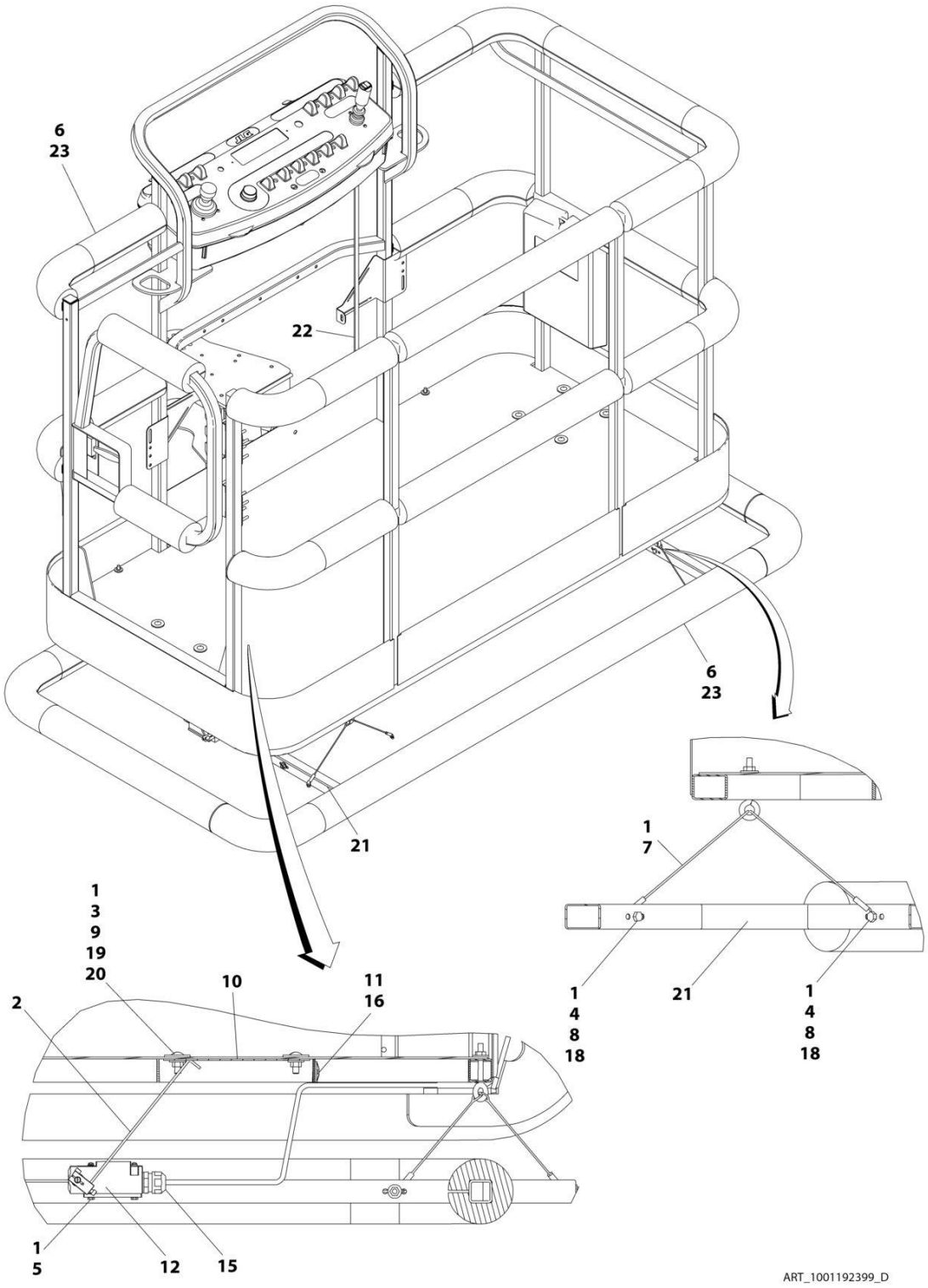


FIGURE 5-31. SOFT TOUCH INSTALLATION (SIDE ENTRY PLATFORM) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192399	Ref	SOFT TOUCH INSTALLATION - 6FT/1.8M PLATFORM	D
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt, Carriage	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0721005	4	Bolt #10 x 5/8	
6	0940167	1	Bumper Kits (Includes Corners and Enough Straight Material for One Platform)	
7	1060903	4	Wire Rope and Eyebolt Assembly	
8	3311401	8	Nut 1/4	
9	3311501	8	Nut 5/16	
10	3575705	2	Plate, Switch Strike	
11	4240099	AR	Tie-Strap	
12	4360057	2	Switch, Limit	
15	4460049	2	Connector, Strain Relief	
16	4460234	2	Tie-Strap Mount	
17	4460425	1	Connector, Strain Relief (Not Shown - Located on bottom of console box)	
18	4751400	16	Washer 1/4	
19	4751500	8	Washer 5/16	
20	4751800	8	Washer 1/2	
21	4846370	1	Rail, Soft Touch	
22	1001193419	1	Soft Touch Harness	
22	4460226	4	Socket, Female	
23	1001197017	AR	Strap, Cable Tie (Yellow)	

FIGURE 5-32. SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL)

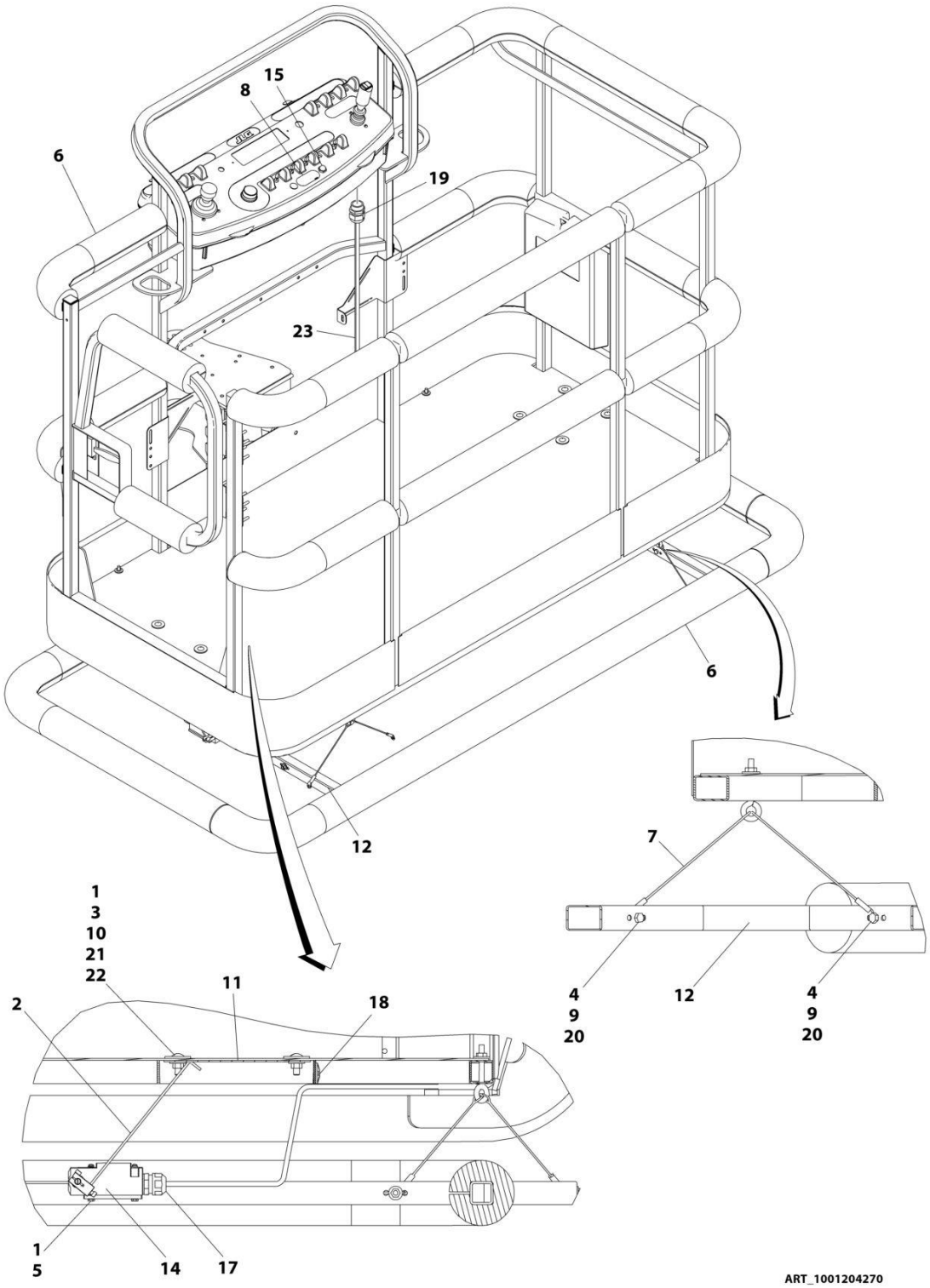


FIGURE 5-32. SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204270	Ref	SOFT TOUCH INSTALLATION - WITH FALL ARREST (SIDE ENTRY PLATFORM) (OPTIONAL)	B
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch Activator	
3	0630462	8	Bolt, Carriage	
4	0641414	8	Bolt 1/4 x 1-3/4	
5	0731005	4	Screw #10 x 5/8	
6	0940177	1	Bumper, Kit	
6	0940092	8	Bumper (Corner)	
6	0940094	AR	Bumper (28ft Length)	
7	1060903	4	Wire Rope and Eyebolt Assembly	
8	1702938	1	Decal - Soft Touch Override	
9	3311401	8	Nut 1/4	
10	3311501	8	Nut 5/16	
11	3575359	2	Plate, Switch Strike	
12	3641569	1	Soft Touch Rail	
13	4240099	7	Tie, Wire (Not Shown)	
14	4360057	2	Switch, Limit	
15	4360387	1	Switch, Push Button	
17	4460049	2	Connector, Strain Relief	
18	4460234	7	Terminal, Mount	
19	4460425	1	Connector, Strain Relief	
20	4751400	8	Washer 1/4	
21	4751500	8	Washer 5/16	
22	4751800	8	Washer 1/2	
23	1001193419	1	Soft Touch Harness	
23	4460226	4	Socket, Female	

FIGURE 5-33. SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)

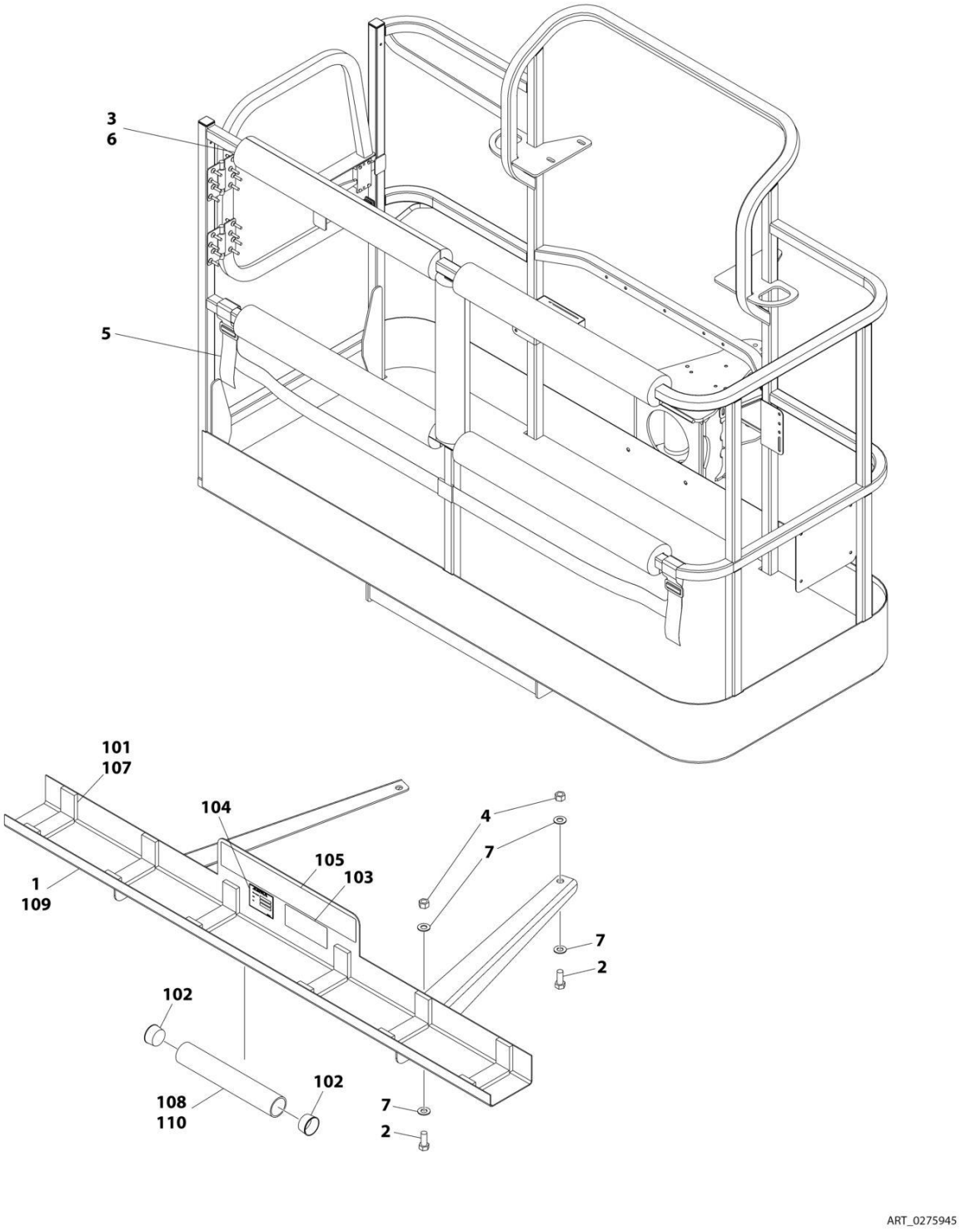


FIGURE 5-33. SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275945	Ref	SKYGLAZIER INSTALLATION (ANSI AND CSA SPECS)	B
1	0275928	1	SkyGlazier Assembly (See Items 101-110 for Breakdown)	
2	0642012	4	Bolt 5/8 x 1-1/2	
3	0940199	1	Bumper Kit	
4	3312005	4	Nut 5/8	
5	4240149	1	Strap Kit	
6	4420014	AR	Tape, Plastic	
7	4712000	8	Washer 5/8	
	0275928	Ref	SKYGLAZIER ASSEMBLY	B
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Manual Storage Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate (Note: Not Available for Purchase)	
105	1707192	1	Decal - Capacity	
107	3340956	1	Pad, Glazier Tray	
108	3460334	1	Tube, Manual Storage	
109	See Note	NSS	Tray (Note: Use Item 1)	
110	4420066	AR	Tape, Double Sided	

FIGURE 5-34. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)

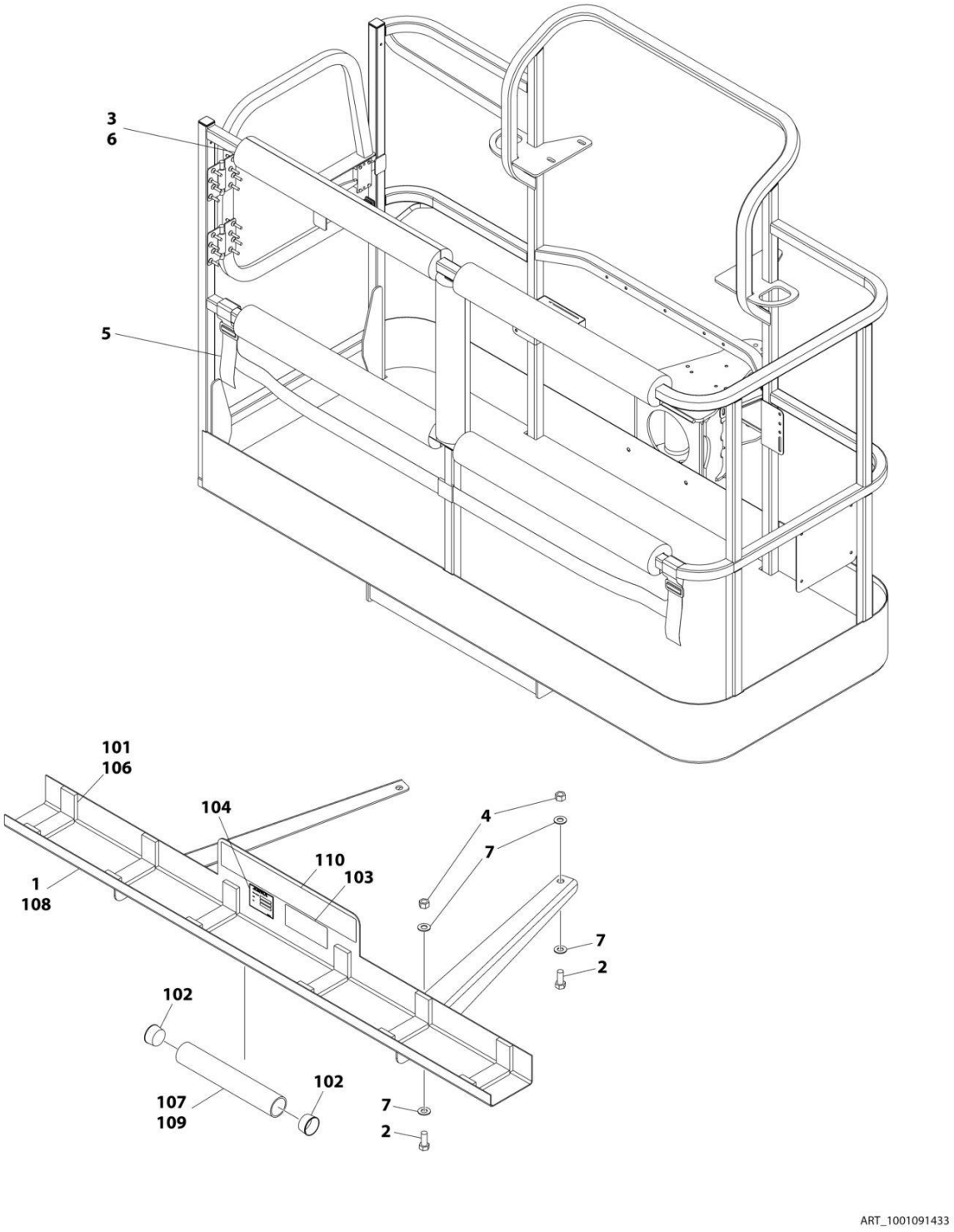


FIGURE 5-34. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091433	Ref	SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (SPANISH/PORTUGUESE)	B
1	1001091431	1	SkyGlazier Assembly (See Items 101-110 for Breakdown)	
2	0642012	4	Bolt 5/8 x 1-1/2	
3	0940199	1	Bumper Kit	
4	3312005	4	Nut 5/8	
5	4240149	1	Strap Kit	
6	4420014	AR	Tape, Plastic	
7	4712000	8	Washer 5/8	
	1001091431	Ref	SKYGLAZIER ASSEMBLY	B
101	0100081	AR	Adhesive	
102	1120555	2	Cap, Manual Storage Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate (Note: Not Available for Purchase)	
106	3340956	1	Pad, Glazier Tray	
107	3460334	1	Tube, Manual Storage	
108	See Note	NSS	Tray (Note: Use Item 1)	
109	4420066	AR	Tape, Double Sided	
110	1001091429	1	Decal - Capacity	

FIGURE 5-35. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)

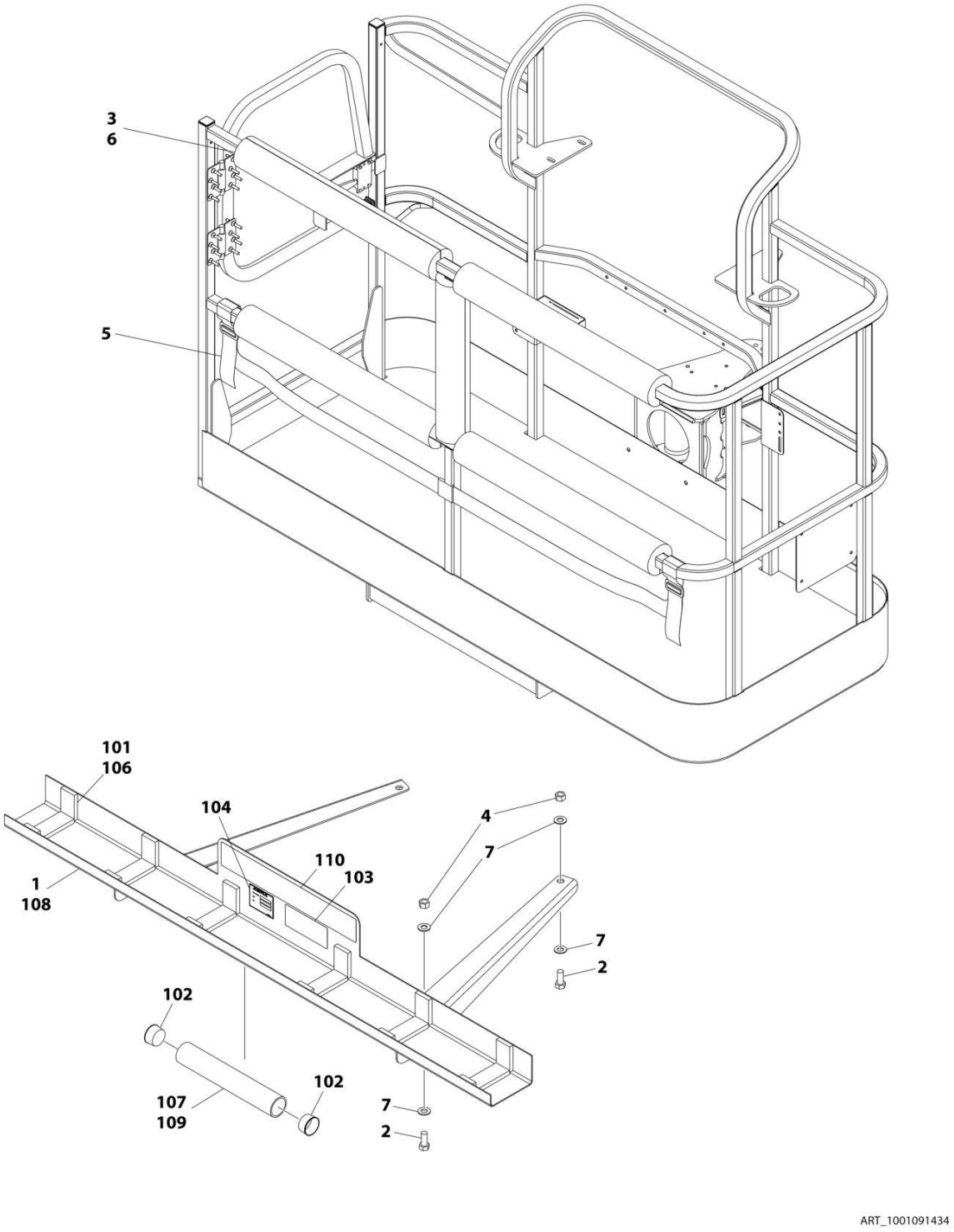


FIGURE 5-35. SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001091434	Ref	SKYGLAZIER INSTALLATION (ANSI EXPORT SPECS) (ENGLISH/SPANISH)	B
1	1001091432	1	SkyGlazier Assembly (See Items 101-110 for Breakdown)	
2	0642012	4	Bolt 5/8 x 1-1/2	
3	0940199	1	Bumper Kit	
4	3312005	4	Nut 5/8	
5	4240149	1	Strap Kit	
6	4420014	AR	Tape, Plastic	
7	4712000	8	Washer 5/8	
	1001091432	Ref	SKYGLAZIER ASSEMBLY	A
101	0100081	AR	Loctite #454	
102	1120555	2	Cap, Manual Storage Tube	
103	1701509	1	Decal - Manual	
104	See Note	NSS	Nameplate (Note: Not Available for Purchase)	
106	3340956	1	Pad, Glazier Tray	
107	3460334	1	Tube, Manual Storage	
108	See Note	NSS	Tray (Note: Use Item 1)	
109	4420066	AR	Tape, Double Sided	
110	1001091430	1	Decal - Capacity	

FIGURE 5-36. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 4FT /76CM X 1.22M PLATFORM)

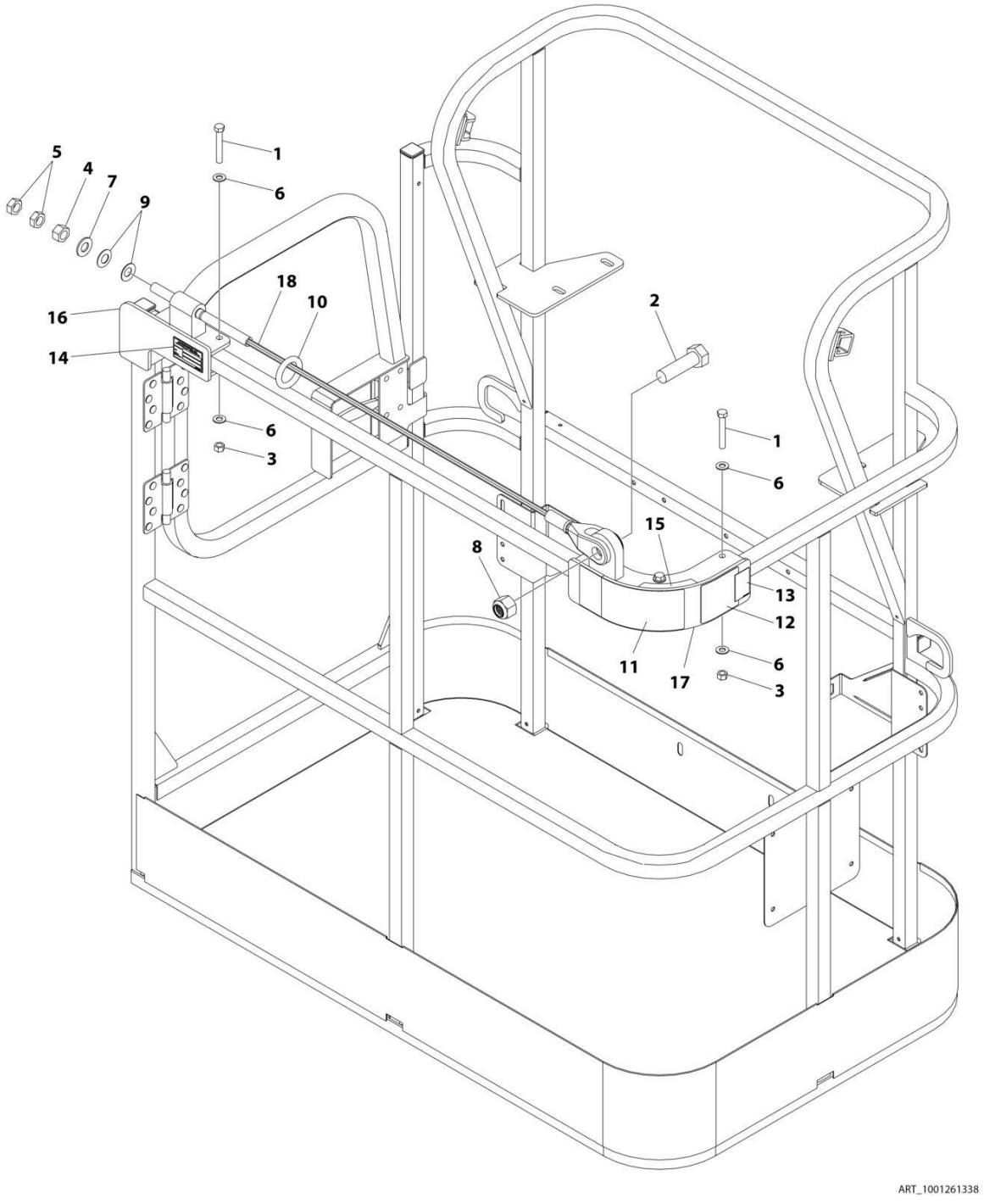


FIGURE 5-36. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 4FT /76CM X 1.22M PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001261338	Ref	FALL ARREST INSTALLATION	A
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001236891	2	Washer	
10	1001236895	1	Ring	
11	1001238263	1	Decal - Warning Falling Hazard	
12	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
13	1001248141	1	Decal - Incription	
14	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
15	1001252629	1	Decal - Weight	
16	1001257271	1	Bracket (RH)	
17	1001257274	1	Bracket (LH)	
18	1001261335	1	Rope	

FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 6FT /76CM X 1.82M PLATFORM)

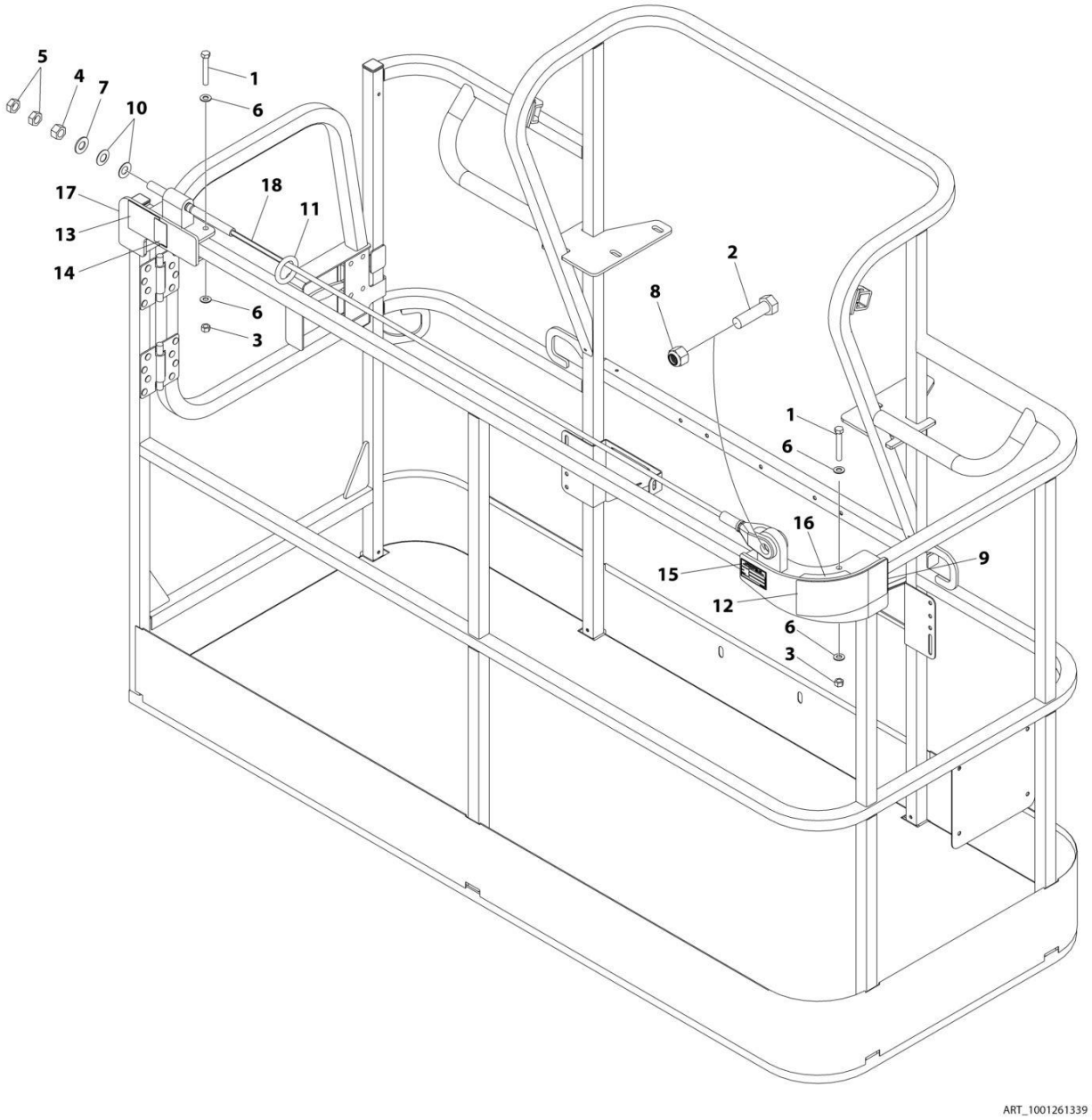


FIGURE 5-37. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (30IN X 6FT /76CM X 1.82M PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001261339	Ref	FALL ARREST INSTALLATION (BOLT-ON) 30IN X 6FT (76CM X 1.83M) PLATFORM	A
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001232010	1	Bracket	
10	1001236891	2	Washer	
11	1001236895	1	Ring	
12	1001238263	1	Decal - Warning Falling Hazard	
13	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
14	1001248141	1	Decal - Incription	
15	See Note	NSS	Nameplate - Manufacturers Serial Number (Note: Not Available for Purchase)	
16	1001252629	1	Decal - Weight	
17	1001257271	1	Bracket	
18	1001261336	1	Rope	

FIGURE 5-38. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)

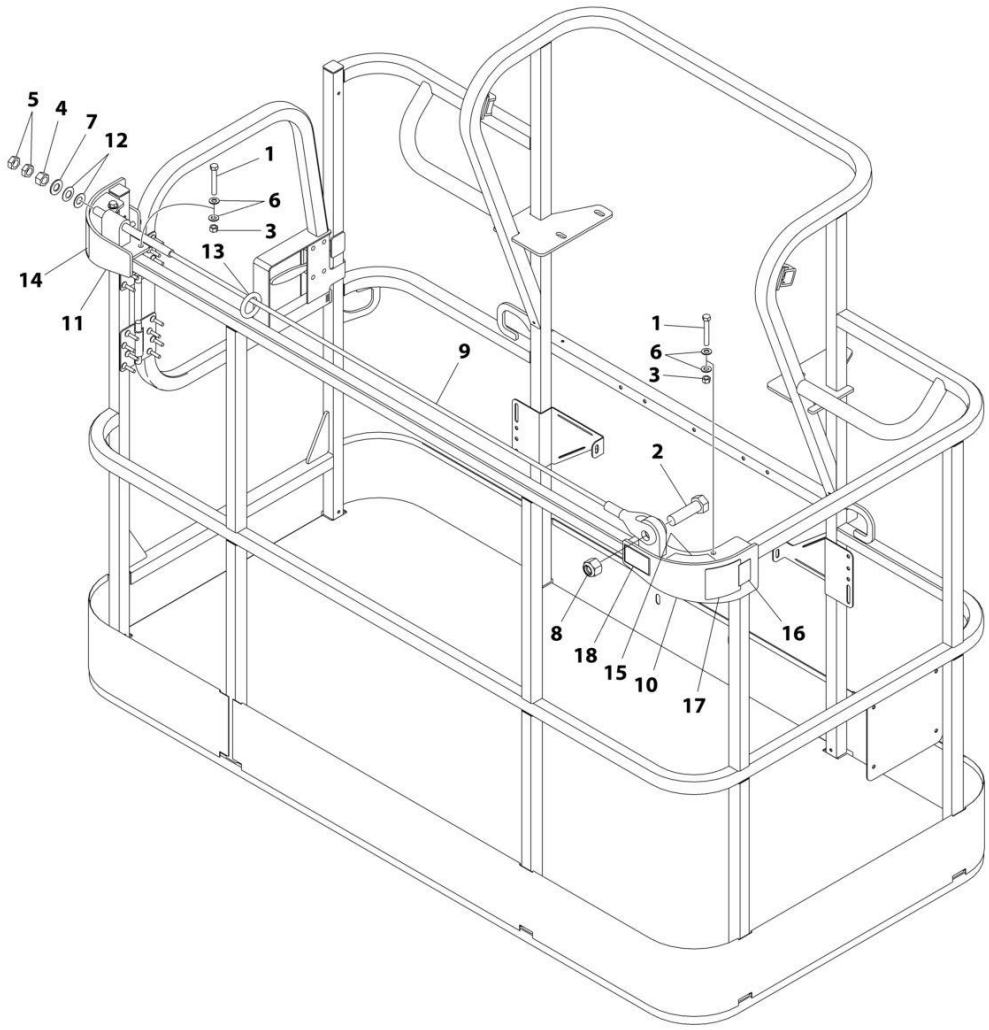


FIGURE 5-38. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236747	Ref	FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231950	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

FIGURE 5-39. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)

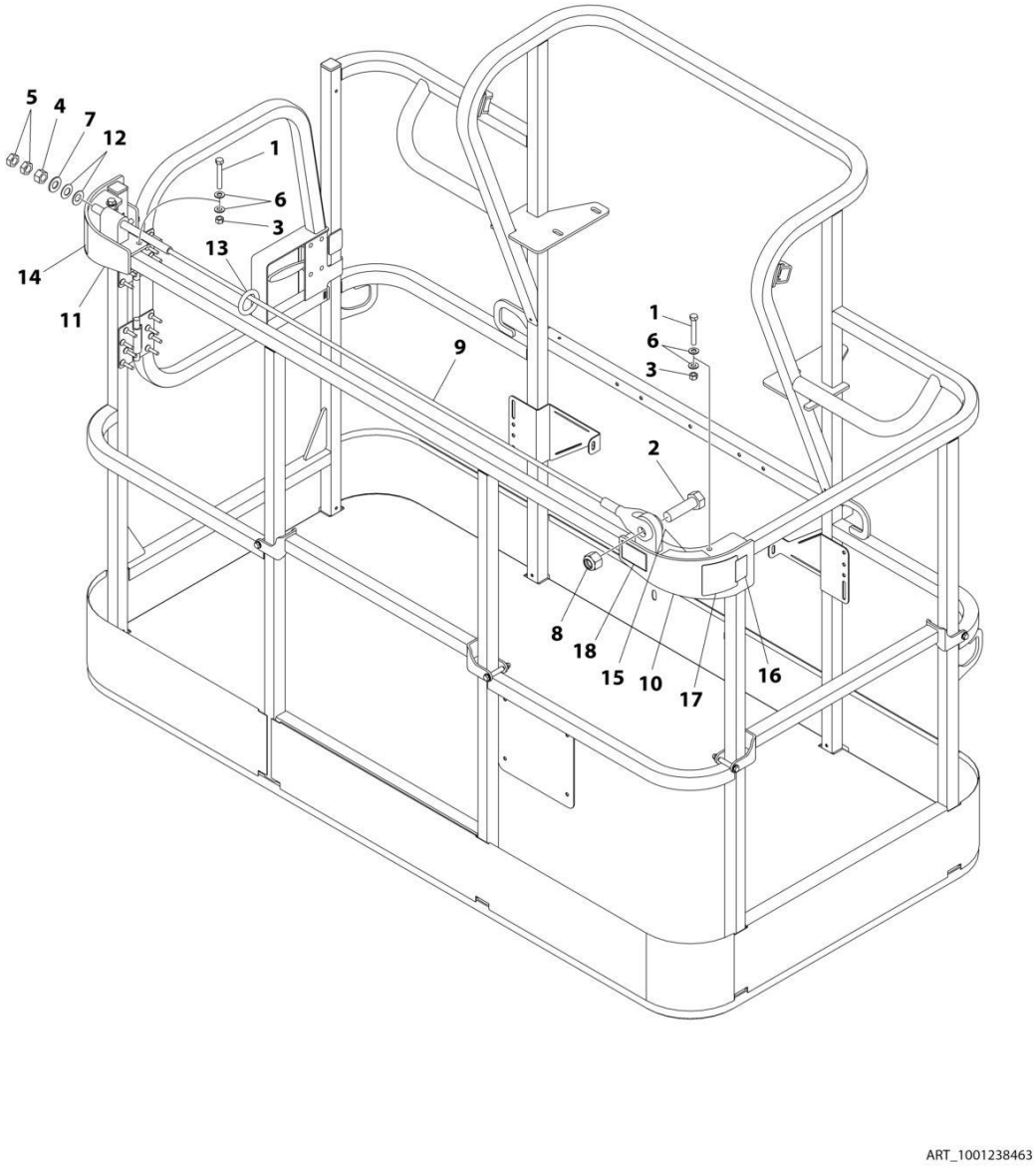


FIGURE 5-39. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (6FT/1.82M TRI-ENTRY PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238463	Ref	FALL ARREST INSTALLATION (BOLT - ON) 6FT/1.82M PLATFORM	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231950	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

FIGURE 5-40. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)

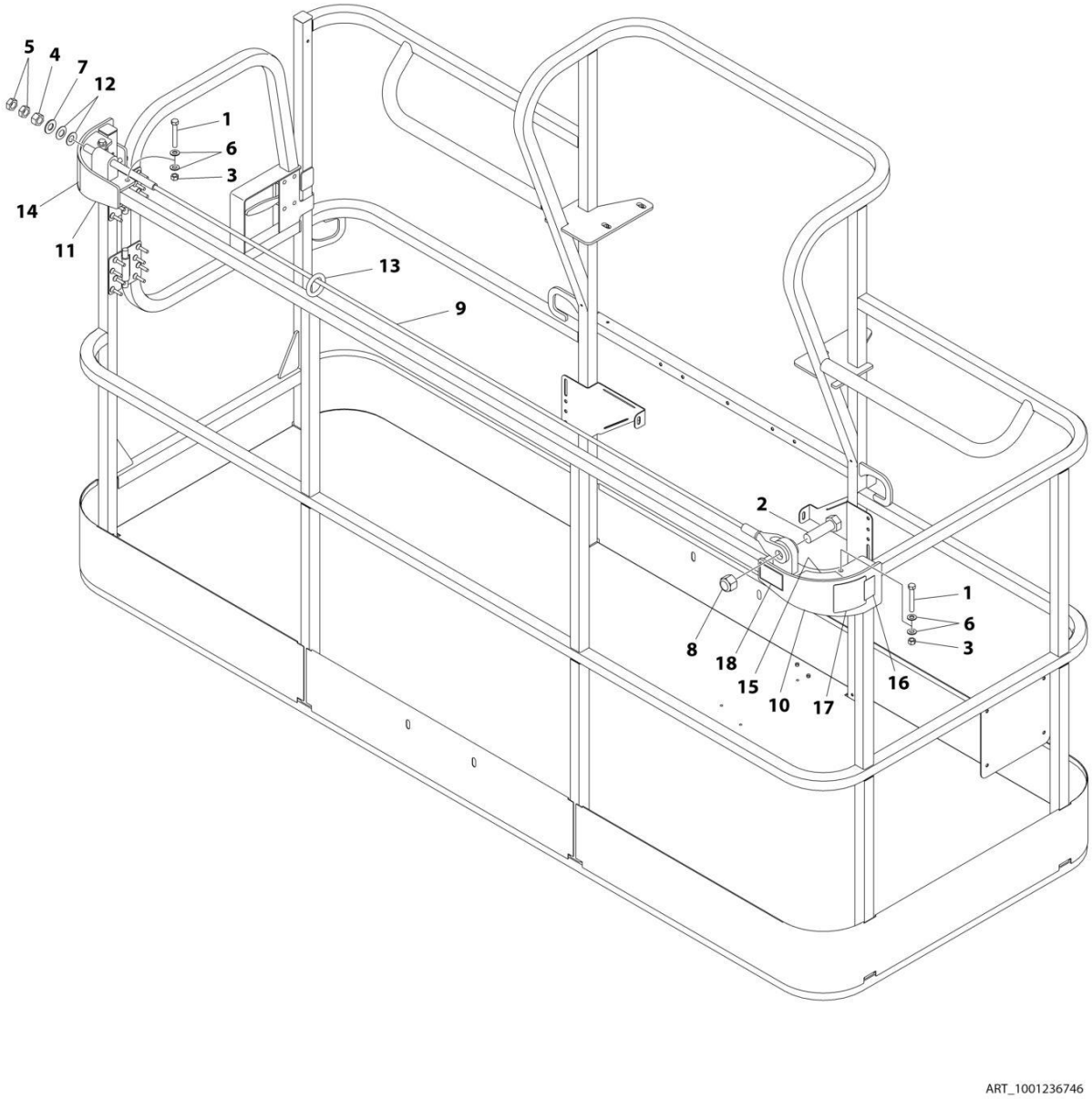


FIGURE 5-40. FALL ARREST INSTALLATION (BOLT-ON EXTERNAL) (8FT/2.4M PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236746	Ref	FALL ARREST INSTALLATION (BOLT - ON) 8FT/2.4M PLATFORM	C
1	0681620	6	Bolt 3/8 x 2-1/2	
2	0682424	1	Bolt 7/8 x 3	
3	3271605	6	Nut 3/8	
4	3272001	1	Nut 5/8	
5	3312002	2	Nut 5/8	
6	4711600	12	Washer 3/8	
7	4712000	1	Washer 5/8	
8	88521214	1	Nut 7/8	
9	1001231949	1	Rope	
10	1001232010	1	Bracket (RH)	
11	1001232011	1	Bracket (LH)	
12	1001236891	2	Washer	
13	1001236895	1	Ring	
14	1001238263	1	Decal - Warning Falling Hazard	
15	1001252629	1	Decal - Weight 23LBS/10.4KG	
16	1001248140	1	Decal - Bolt Fall Arrest Re-Cert	
17	1001248141	1	Decal - Inscription	

FIGURE 5-41. USB CHARGER INSTALLATION

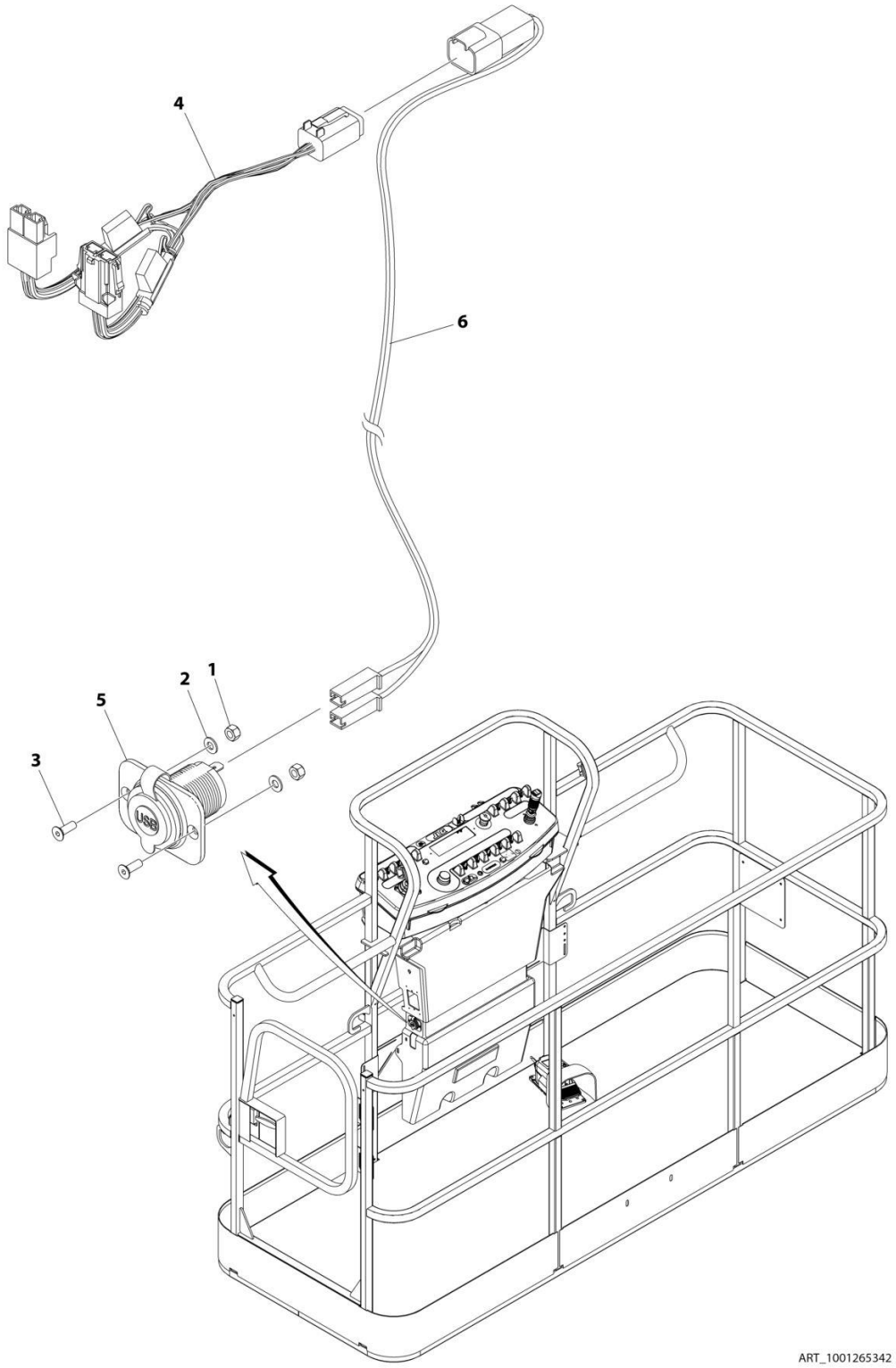


FIGURE 5-41. USB CHARGER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001265342	Ref	USB CHARGER INSTALLATION	A
1	3290405	2	Nut M4	
2	4811400	2	Washer M4	
3	1001097244	2	Screw M4 x 12	
4	1001120484	1	Harness, Work Lights	
4	4460879	1	Plug, Male - 2 Position	
4	4460887	2	Terminal	
4	2400060	2	Fuseholder Includes Cover	
4	8229249	2	Fuse, 3 Amp	
4	4460884	1	Connector - 4 Position	
4	4460465	4	Socket, Female	
4	1001120471	1	Connector - 2 Position	
4	1001120477	2	Terminal	
5	1001210636	1	Receptacle, USB	
6	1001265163	1	Harness, USB	A
6	4460260	2	Cover, Terminal	
6	4460259	2	Terminal	
6	4460932	1	Receptacle, Bussbar - 4 Position	
6	4460464	2	Pin, Male	
6	4460466	2	Plug, Terminal	

SECTION 6 - CYLINDERS

SECTION 6 - CYLINDERS

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 03)

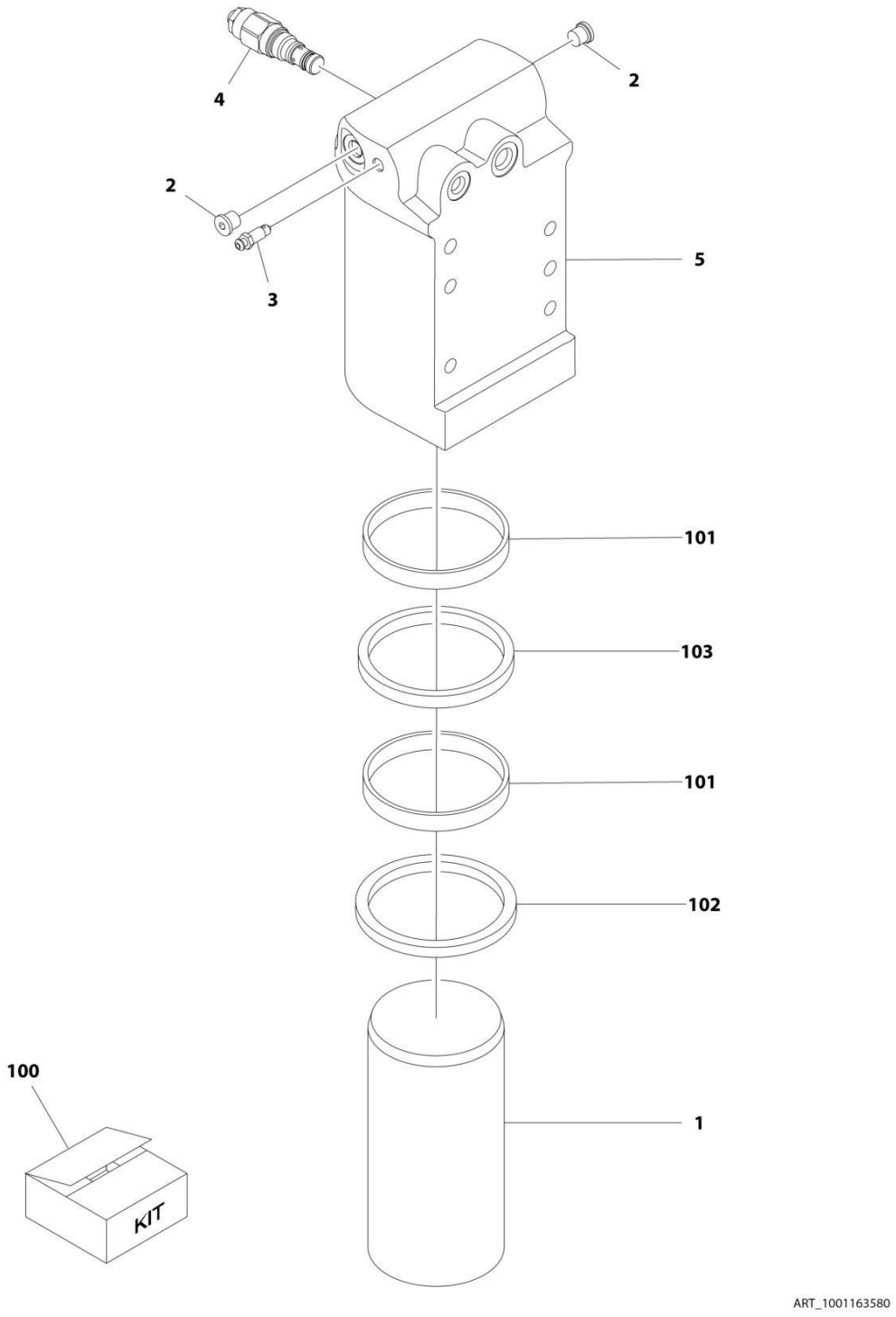


FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163580	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	I
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1684290	1	Rod	
2	2220883	2	Plug #4	
3	4640858	1	Valve, Bleeder	
4	1001117372	1	Cartridge, Valve	
4	70002842	1	Seal Kit - 1001117372 Valve	
5	1001164817	1	Barrel	
100	2902266	NLA	Seal Kit - 1001163590 Cylinder (Includes Items 101-103)	
101	See Note	NSS	Ring, Wear (Note: Use Item 100)	
102	See Note	NSS	Seal (Note: Use Item 100)	
103	See Note	NSS	Wiper (Note: Use Item 100)	

FIGURE 6-2. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH B3)

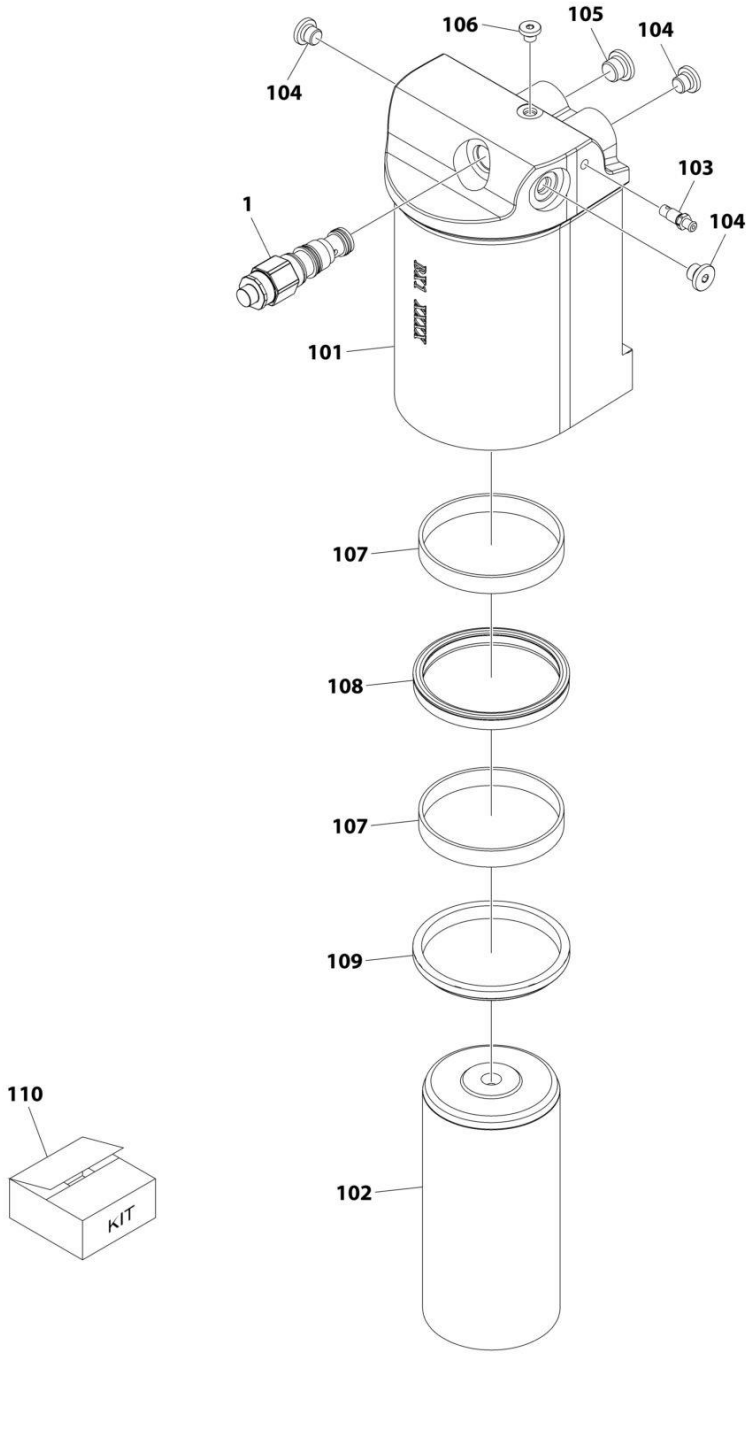


FIGURE 6-2. AXLE LOCKOUT CYLINDER ASSEMBLY (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001256179	Ref	MASTER CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	1001117372	1	Cartridge, Valve	
1	70002842	1	Seal Kit - 1001117372	
101	See Note	NSS	Tube (Note: Not Available for Purchase)	
102	70008244	1	Rod	
103	70008246	1	Plug, Bleeder	
104	2220883	3	Plug 7/16	
105	2220885	1	Plug 9/16	
106	2220881	1	Plug 5/16	
107	See Note	NSS	Ring, Wear (Note: Use Item 110)	
108	See Note	NSS	Seal, Rod (Note: Use Item 110)	
109	See Note	NSS	Wiper, Rod (Note: Use Item 110)	
110	70008247	1	Seal Kit (Includes Items 107-109)	

FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE

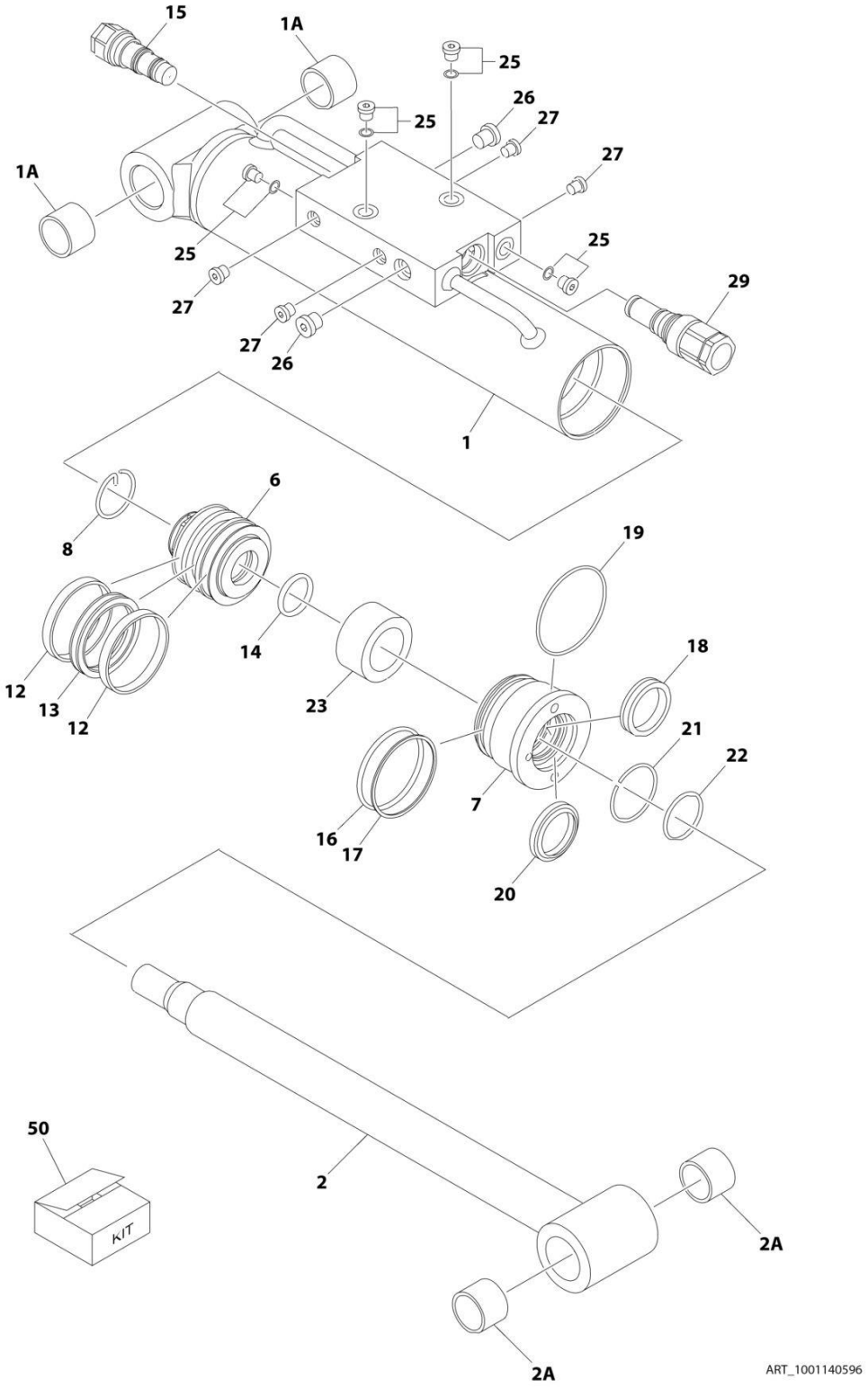


FIGURE 6-3. LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140596	Ref	LEVEL CYLINDER ASSEMBLY - PLATFORM SLAVE	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70003840	1	Barrel	
1A	0961951	2	Bushing	
2	70003841	1	Rod	
2A	0961951	2	Bushing	
6	70003819	1	Head	
7	70003837	1	Piston	
8	70002216	1	Retainer	
12	See Note	NSS	Ring, Wear (Note: Use Item 50)	
13	See Note	NSS	Seal (Note: Use Item 50)	
14	See Note	NSS	O-Ring (Note: Use Item 50)	
15	4640509	1	Cartridge, Counterbalance Valve	
15	2900792	1	Seal Kit - 4640509 Valve	
16	See Note	NSS	O-Ring (Note: Use Item 50)	
17	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
18	See Note	NSS	Seal (Note: Use Item 50)	
19	See Note	NSS	O-Ring (Note: Use Item 50)	
20	See Note	NSS	Wiper (Note: Use Item 50)	
21	70003838	1	Ring, Retaining	
22	7026084	1	O-Ring	
23	70003839	1	Spacer	
25	7017406	4	Plug	
26	See Note	2	Plug (Note: Not Available for Purchase)	
27	See Note	4	Plug (Note: Not Available for Purchase)	
29	4640932	1	Cartridge, Counterbalance Valve	
29	7011112	1	Seal Kit - 4640932 Valve	
50	70003842	1	Seal Kit - 1001140596 Cylinder (Includes Items 12-14 & 16-20)	

FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB

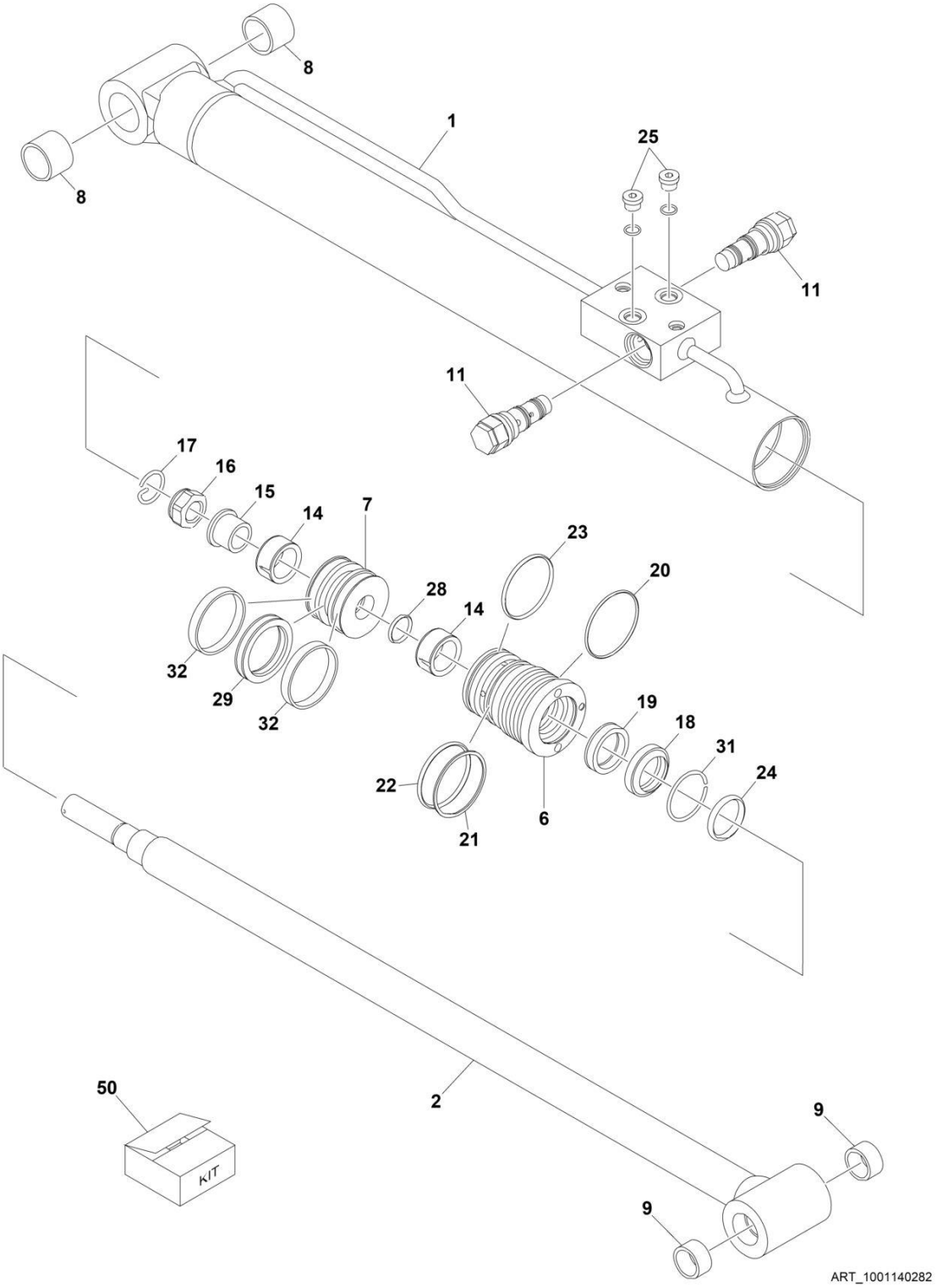


FIGURE 6-4. LIFT CYLINDER ASSEMBLY - JIB

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140282	Ref	LIFT CYLINDER ASSEMBLY - JIB (E600J/E600JP/M600J/M600JP)	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70003834	1	Barrel	
2	70003835	1	Rod	
6	7026088	1	Head	
7	70003833	1	Piston	
8	0961951	2	Bushing	
9	0961947	2	Bushing	
11	4640509	2	Cartridge, Counterbalance Valve	
11	2900792	2	Seal Kit - 4640509 Valve	
14	7026090	2	Bushing	
15	7026091	1	Sleeve	
16	7026092	1	Nut	
17	70002223	1	Retainer	
18	See Note	NSS	Wiper (Note: Use Item 50)	
19	See Note	NSS	Seal (Note: Use Item 50)	
20	See Note	NSS	O-Ring (Note: Use Item 50)	
21	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
22	See Note	NSS	O-Ring (Note: Use Item 50)	
23	See Note	NSS	O-Ring (Note: Use Item 50)	
24	7026068	1	O-Ring	
25	7024844	2	Plug	
28	See Note	NSS	O-Ring (Note: Use Item 50)	
29	See Note	NSS	Seal (Note: Use Item 50)	
31	70002220	1	Ring, Retaining	
32	See Note	NSS	Ring, Wear (Note: Use Item 50)	
50	70003836	1	Seal Kit - 1001140282 Cylinder (Includes Items 18-23, 28, 29 & 32)	

FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN (EC600SJP/H600SJP MACHINES WITH SN STARTING WITH 03)

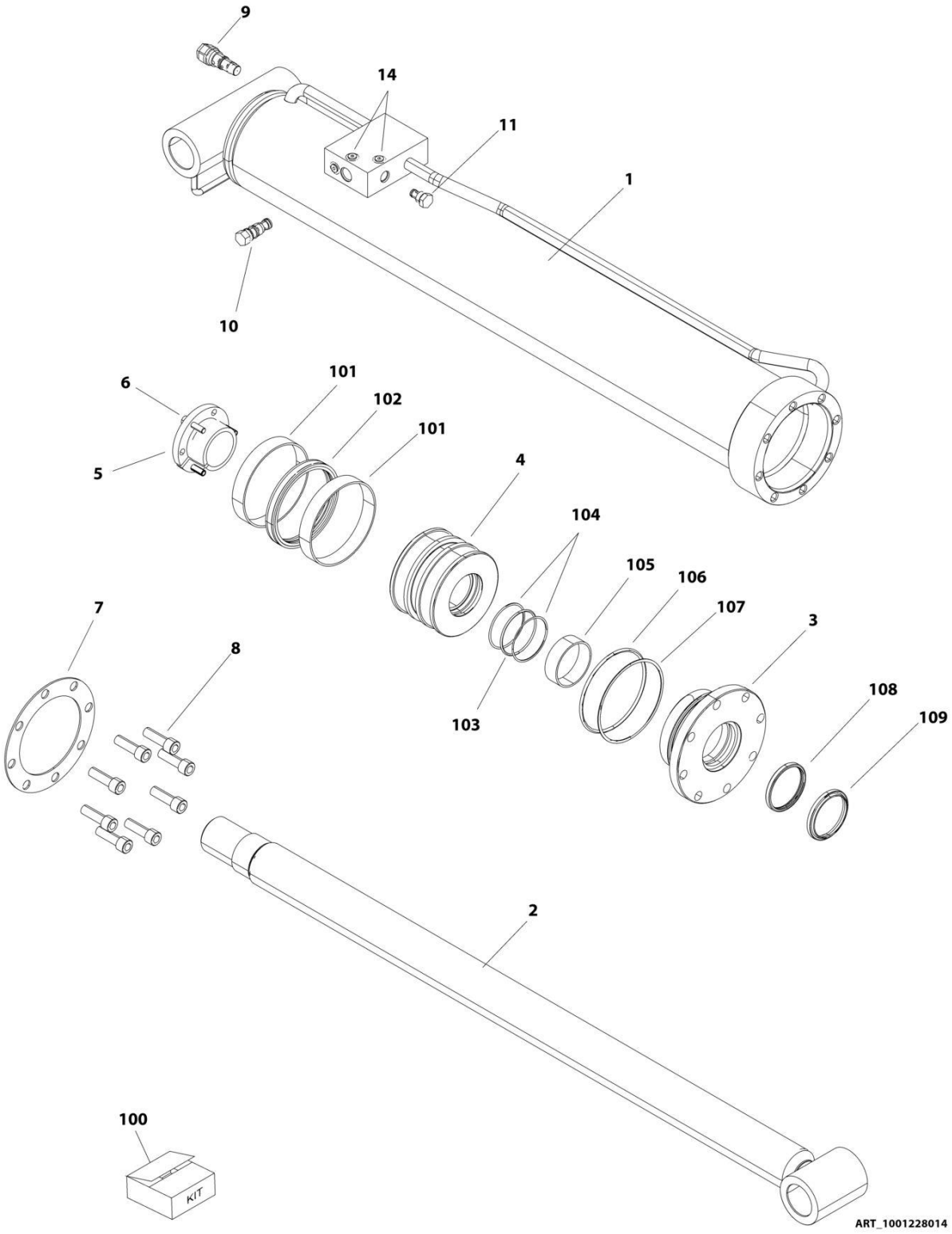


FIGURE 6-5. LIFT CYLINDER ASSEMBLY - MAIN (EC600SJP/H600SJP MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228014	Ref	LIFT CYLINDER ASSEMBLY - MAIN	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70006368	1	Rod Weldment	
3	70006367	1	Head	
4	70006366	1	Piston	
5	70006365	1	Bushing, Tapered	
6	0630536	1	Screw	
7	70006364	1	Washer	
8	3932032	8	Capscrew	
9	4640509	1	Valve, Counterbalance	
10	4640438	1	Cartridge, Check Valve	
11	4641129	1	Cartridge, Check Valve	
12	See Note	NSS	Plug (Not Shown)	
13	See Note	NSS	Plug	
14	2220883	4	Plug	
100	2901886	1	Seal Kit (Includes Items 101-109)	
101	See Note	NSS	Ring, Wear (Note: Use Item 100)	
102	See Note	NSS	Seal, Piston (Note: Use Item 100)	
103	See Note	NSS	O-Ring (Note: Use Item 100)	
104	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
105	See Note	NSS	Ring, Wear(Note: Use Item 100)	
106	See Note	NSS	O-Ring (Note: Use Item 100)	
107	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
108	See Note	NSS	Seal, Rod (Note: Use Item 100)	
109	See Note	NSS	Wiper, Rod (Note: Use Item 100)	

FIGURE 6-6. LIFT CYLINDER ASSEMBLY - MAIN (EC600SJ/H600SJ ALL MACHINES) (EC600SJP/H600SJP MACHINES WITH SN STARTING WITH B3)

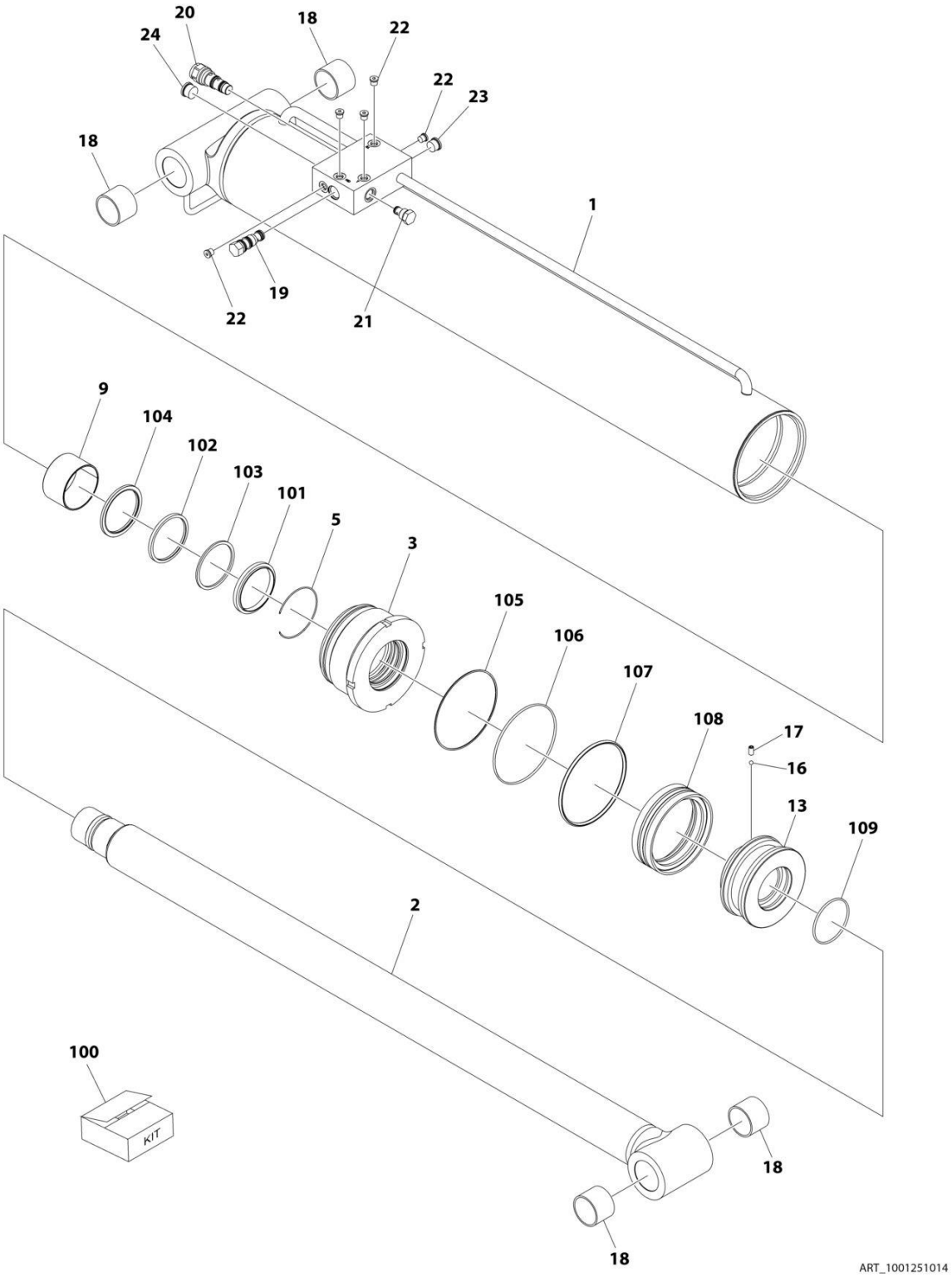


FIGURE 6-6. LIFT CYLINDER ASSEMBLY - MAIN (EC600SJ/H600SJ ALL MACHINES) (EC600SJP/H600SJP MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001251014	Ref	LIFT CYLINDER ASSEMBLY - MAIN	C
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	See Note	NSS	Barrel (Note: Not Available for Purchase)	
2	70007242	1	Rod Weldment	
3	70007243	1	Head	
5	70027750	1	Ring, Retaining	
9	70007244	1	Bearing, Dry	
13	70007245	1	Piston	
16	70022564	1	Ball, Steel	
17	70007246	1	Screw, Set	
18	0961950	4	Bearing	
19	4640438	1	Cartridge, Check Valve	
20	4640509	1	Valve, Counterbalance	
21	4641129	1	Cartridge, Check Valve	
22	2220883	5	Plug	
23	2220886	1	Plug	
24	2220887	1	Plug	
100	70007247	1	Seal Kit (Includes Items 101-109)	
101	See Note	NSS	Wiper (Note: Use Item 100)	
102	See Note	NSS	Seal, Rod (Note: Use Item 100)	
103	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
104	See Note	NSS	Ring, Buffer (Note: Use Item 100)	
105	See Note	NSS	O-Ring (Note: Use Item 100)	
106	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
107	See Note	NSS	O-Ring (Note: Use Item 100)	
108	See Note	NSS	Seal, Piston (Note: Use Item 100)	
109	See Note	NSS	O-Ring (Note: Use Item 100)	

FIGURE 6-7. MASTER CYLINDER ASSEMBLY

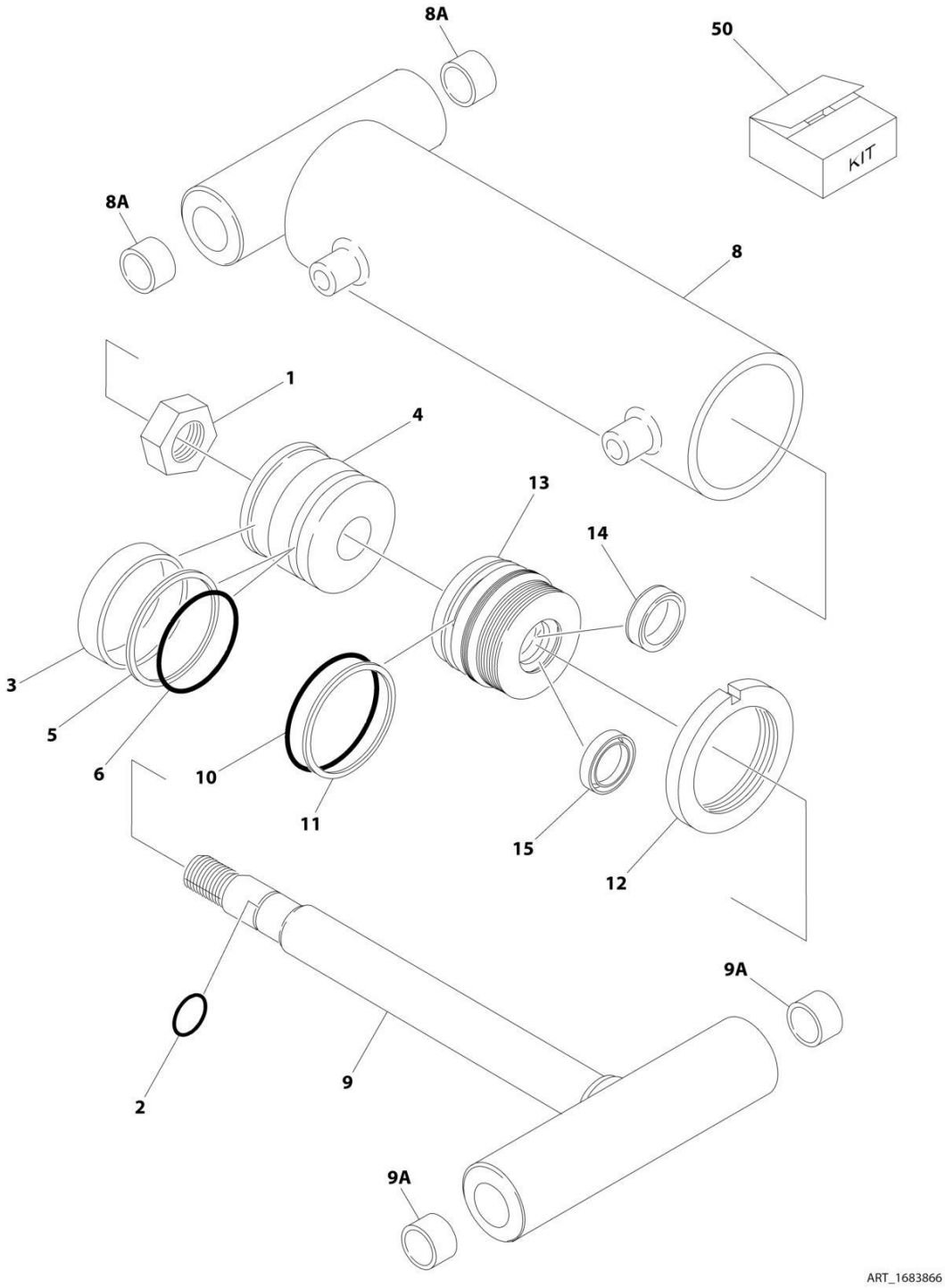


FIGURE 6-7. MASTER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683866	Ref	MASTER CYLINDER ASSEMBLY	D
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	7017278	1	Nut	
2	See Note	NSS	O-Ring (Note: Use Item 50)	
3	See Note	NSS	Ring, Wear (Note: Use Item 50)	
4	7017279	1	Piston	
5	See Note	NSS	Seal, Piston (Note: Use Item 50)	
6	See Note	NSS	O-Ring (Note: Use Item 50)	
8	7017280	1	Barrel Assembly	
8A	0961951	2	Bushing	
9	7017281	1	Rod Assembly	
9A	0961951	2	Bushing	
10	See Note	NSS	O-Ring (Note: Use Item 50)	
11	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
12	7017283	1	Setscrew 1/4 x 3/8	
13	7017282	1	Guide	
14	See Note	NSS	Seal (Note: Use Item 50)	
15	See Note	NSS	Wiper (Note: Use Item 50)	
50	7017277	1	Seal Kit (Includes Items 2, 3, 5, 6, 10, 11, 14 & 15)	

FIGURE 6-8. STEER CYLINDER ASSEMBLY

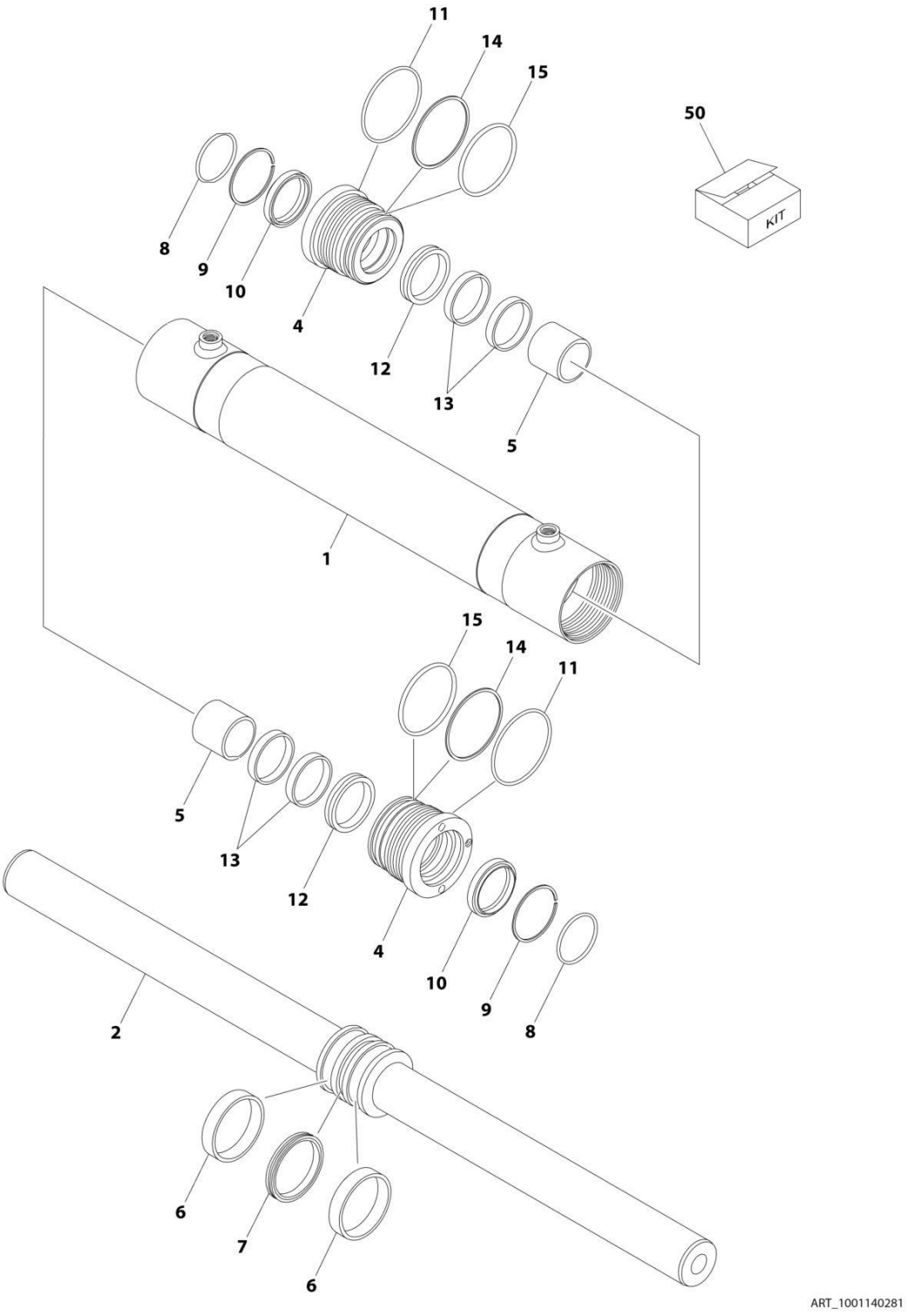


FIGURE 6-8. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001140281	Ref	STEER CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder may have been replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70004134	1	Barrel	
2	70004135	1	Rod	
4	70004132	2	Head	
5	70004133	2	Spacer	
6	See Note	NSS	Ring, Wear (Note: Use Item 50)	
7	See Note	NSS	T-Seal (Note: Use Item 50)	
8	70003820	2	O-Ring	
9	70002219	2	Retainer	
10	See Note	NSS	Wiper (Note: Use Item 50)	
11	See Note	NSS	O-Ring (Note: Use Item 50)	
12	See Note	NSS	Seal (Note: Use Item 50)	
13	See Note	NSS	Ring, Wear (Note: Use Item 50)	
14	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
15	See Note	NSS	O-Ring (Note: Use Item 50)	
50	70004127	1	Seal Kit - 1001140281 Cylinder (Includes Items 6-7 & 10-15)	

FIGURE 6-9. TELESCOPE CYLINDER ASSEMBLY

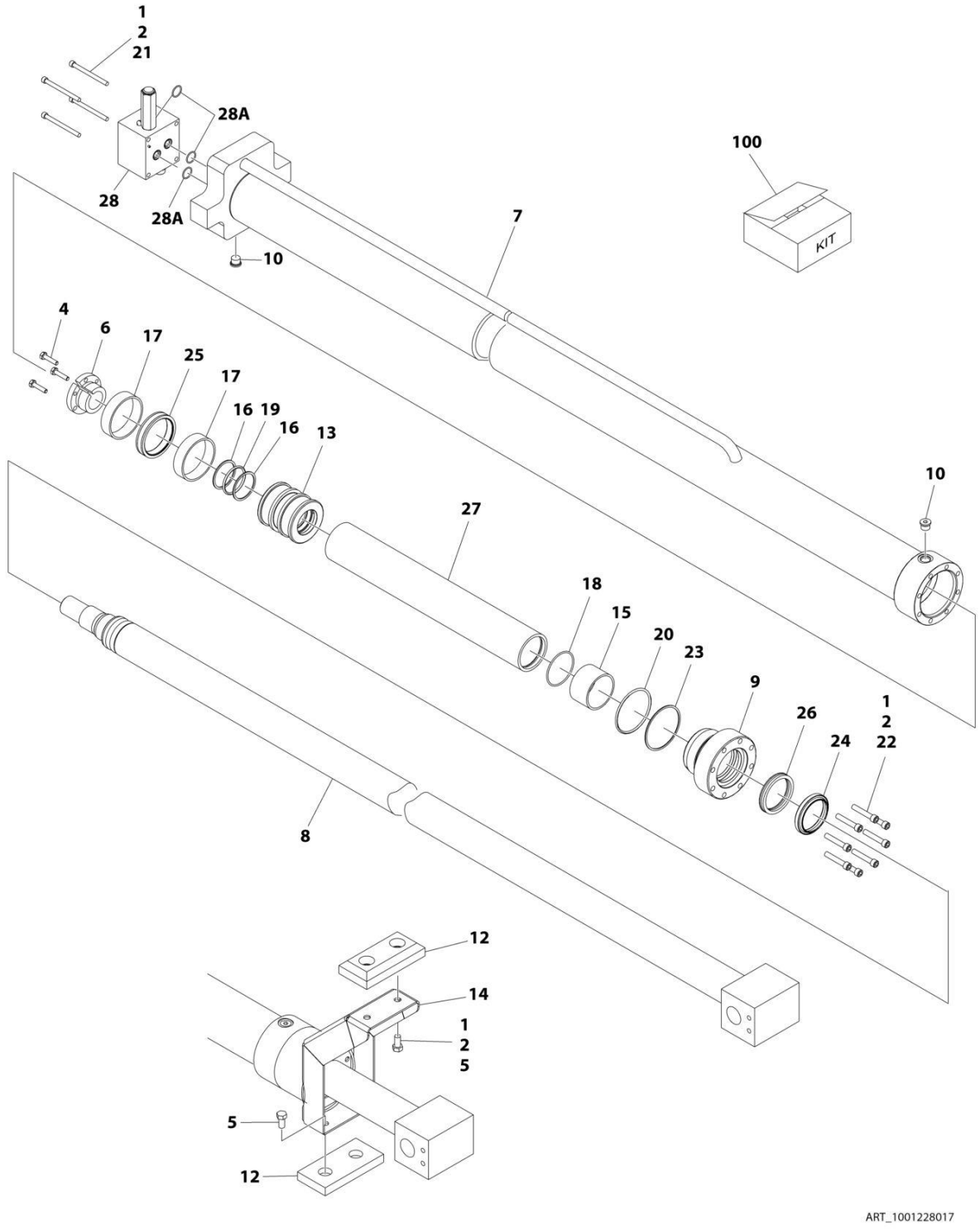


FIGURE 6-9. TELESCOPE CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228017	Ref	TELESCOPE CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	0100011	AR	Locking, Compound	
2	0100038	AR	Primer, Locking	
4	0630535	3	Bolt 1/4 x 1-1/8	
5	0641606	4	Bolt 3/8 x 3/4	
6	0961902	1	Bushing, Tapered	
7	See Note	NSS	Barrel (Note: Use Item 100)	
8	70006709	1	Rod	
9	70006710	1	Head	
10	2220885	2	Plug, O-Ring	
12	3340880	2	Pad, Support	
13	70006711	1	Piston	
14	3572040	1	Plate, Support	
15	See Note	NSS	Ring, Wear (Note: Use Item 100)	
16	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
17	See Note	NSS	Ring, Wear (Note: Use Item 100)	
18	See Note	NSS	O-Ring (Note: Use Item 100)	
19	See Note	NSS	O-Ring (Note: Use Item 100)	
20	See Note	NSS	O-Ring (Note: Use Item 100)	
21	3931448	4	Capscrew 1/4 x 3	
22	3931528	8	Bolt 5/16 x 1-3/4	
23	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
24	See Note	NSS	Wiper (Note: Use Item 100)	
25	See Note	NSS	Seal (Note: Use Item 100)	
26	See Note	NSS	Seal, Rod (Note: Use Item 100)	
27	70006712	1	Spacer	
28	4641179	1	Valve Assembly (Note: No Serviceable Parts - Purchase Complete Valve)	
28A	7026616	1	Seal Kit - 4641179 Valve	
100	2902019	1	Seal Kit (Includes Items 7, 15-20 & 23-26)	

SECTION 7 - HYDRAULIC

FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (FIXED)

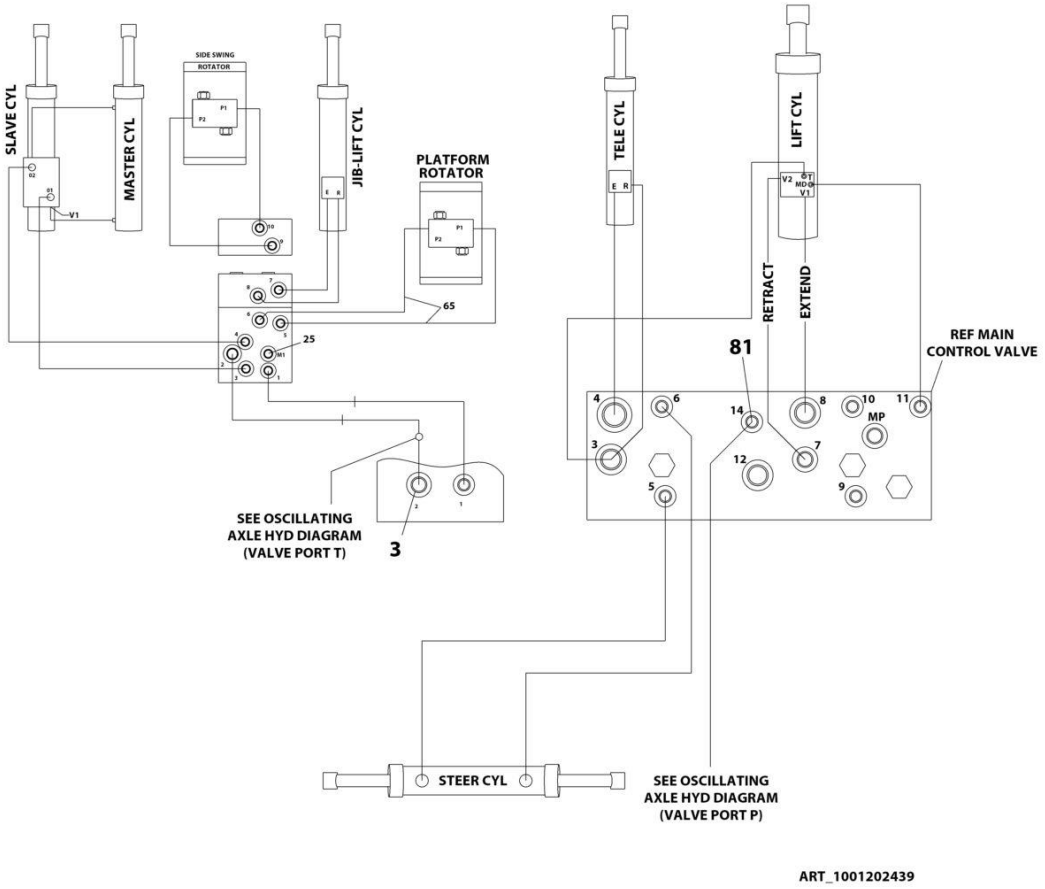


FIGURE 7-1. HYDRAULIC DIAGRAM - AXLE (FIXED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202439	1	HYDRAULIC DIAGRAM - AXLE (FIXED)	1
3	2220371	1	Fitting, Straight JIC/ORB	
81	2220235	1	Plug	

FIGURE 7-2. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)

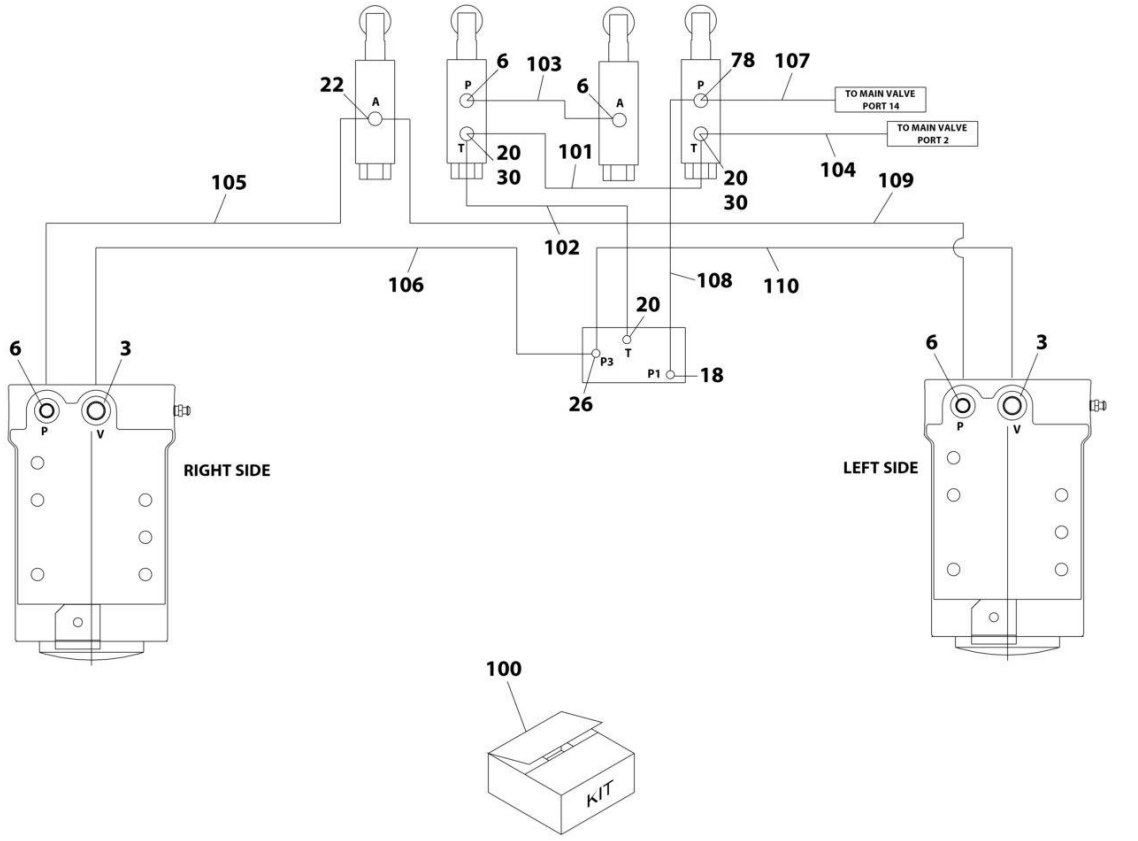


FIGURE 7-2. HYDRAULIC DIAGRAM - AXLE (OSCILLATING)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202444	Ref	OSCILLATING AXLE HYDRAULIC DIAGRAM	D
3	2220371	2	Fitting, Straight ORB-FL	
6	2220415	4	Fitting, Straight ORB-FL	
18	2220582	1	Fitting, Straight ORB-FL	
20	2220603	3	Fitting, Straight ORB-FL	
22	2220711	1	Fitting, Tee ORB-FL-FL	
26	2220899	1	Fitting, Tee ORB-FL-FL	
30	2220635	2	Fitting, Tee JIC/FSJIC/JIC	
78	2221034	1	Fitting, Tee ORB-FL-FL	
100	1001269832	1	Kit, Hose (OSC Axle)	
101	2752463	NSS	Hose	
102	2752471	NSS	Hose	
103	2752588	NSS	Hose	
104	2752631	NSS	Hose	
105	2753002	NSS	Hose	
106	2753397	NSS	Hose	
107	2753420	NSS	Hose	
108	1001200620	NSS	Hose	
109	1001200621	NSS	Hose	
110	1001200622	NSS	Hose	

FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD)

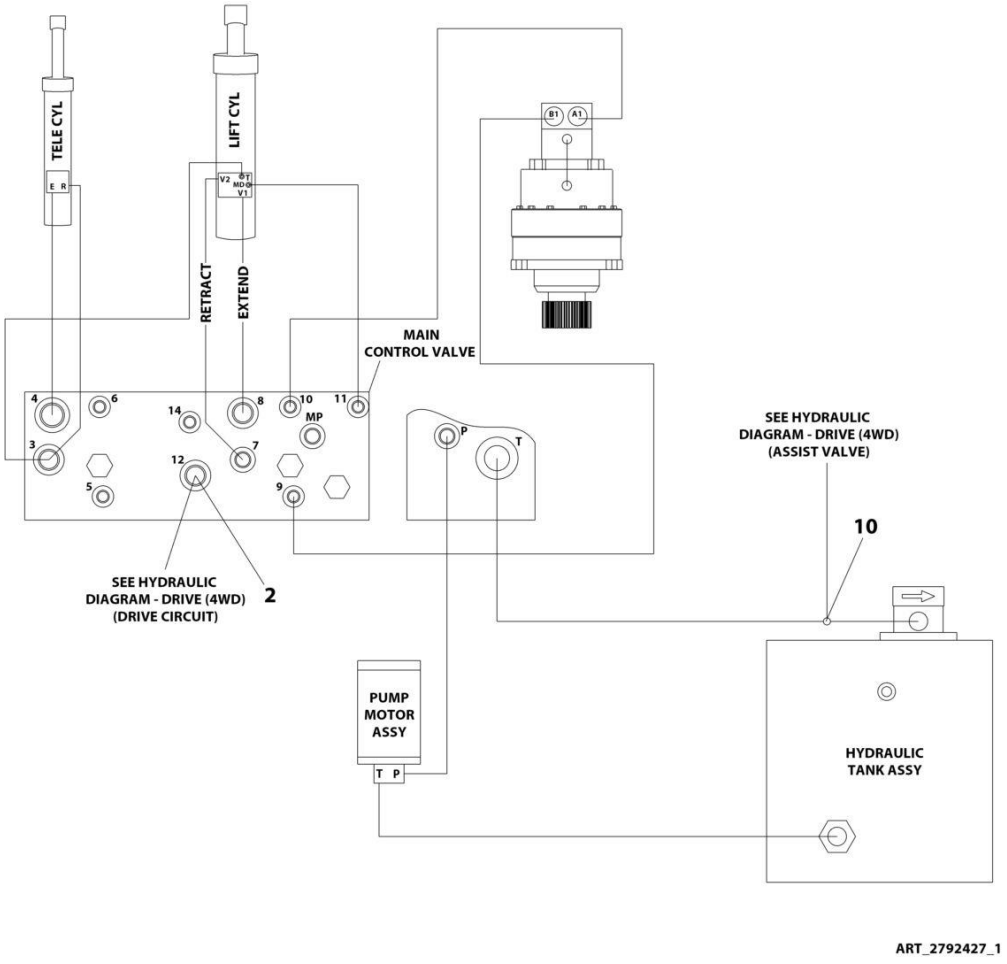
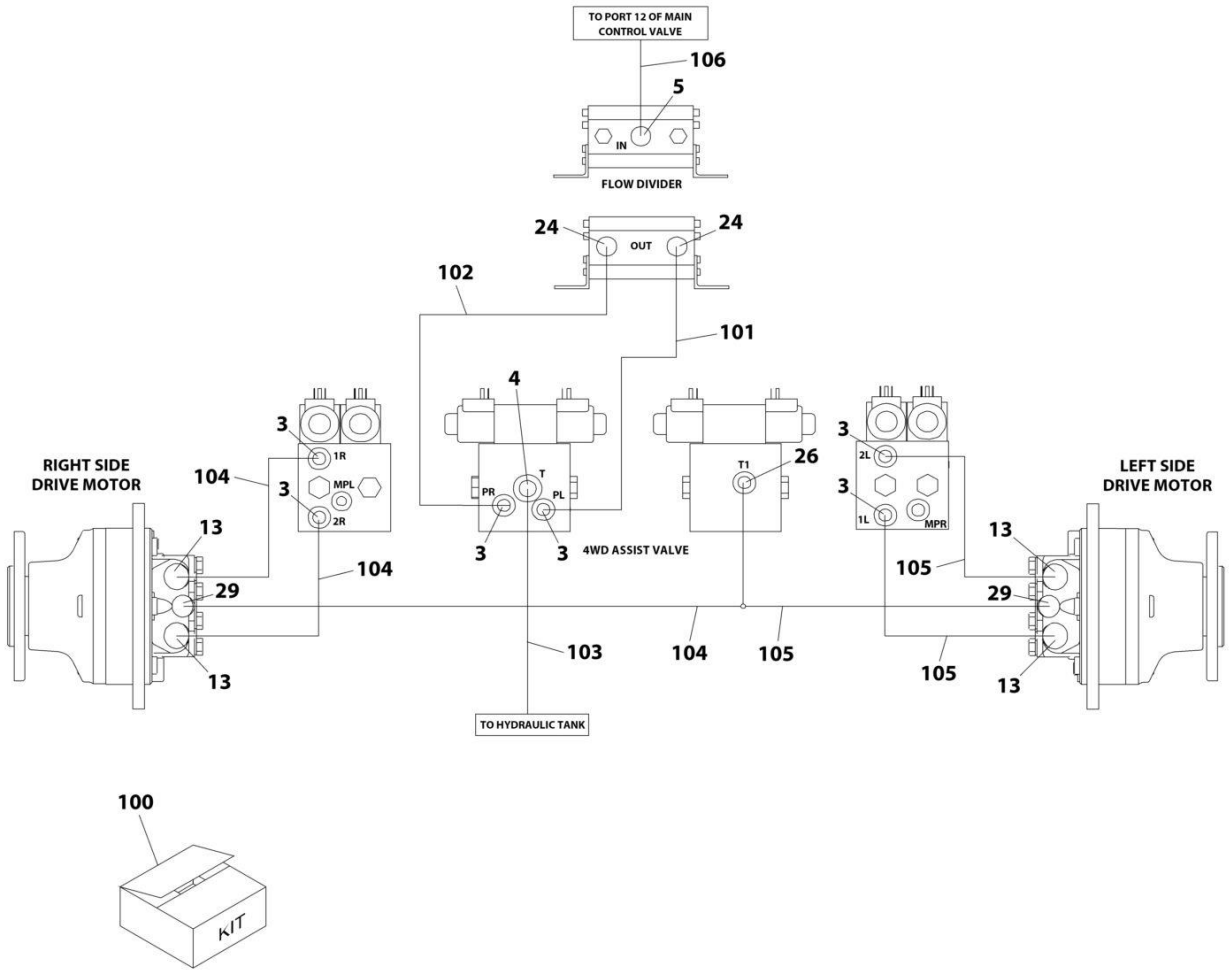


FIGURE 7-3. HYDRAULIC DIAGRAM - DRIVE (2WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792427	Ref	HYDRAULIC DIAGRAM - DRIVE (2WD)	1
2	2220238	1	Plug	
10	2220451	1	Fitting, Straight JIC/ORB	

FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD)

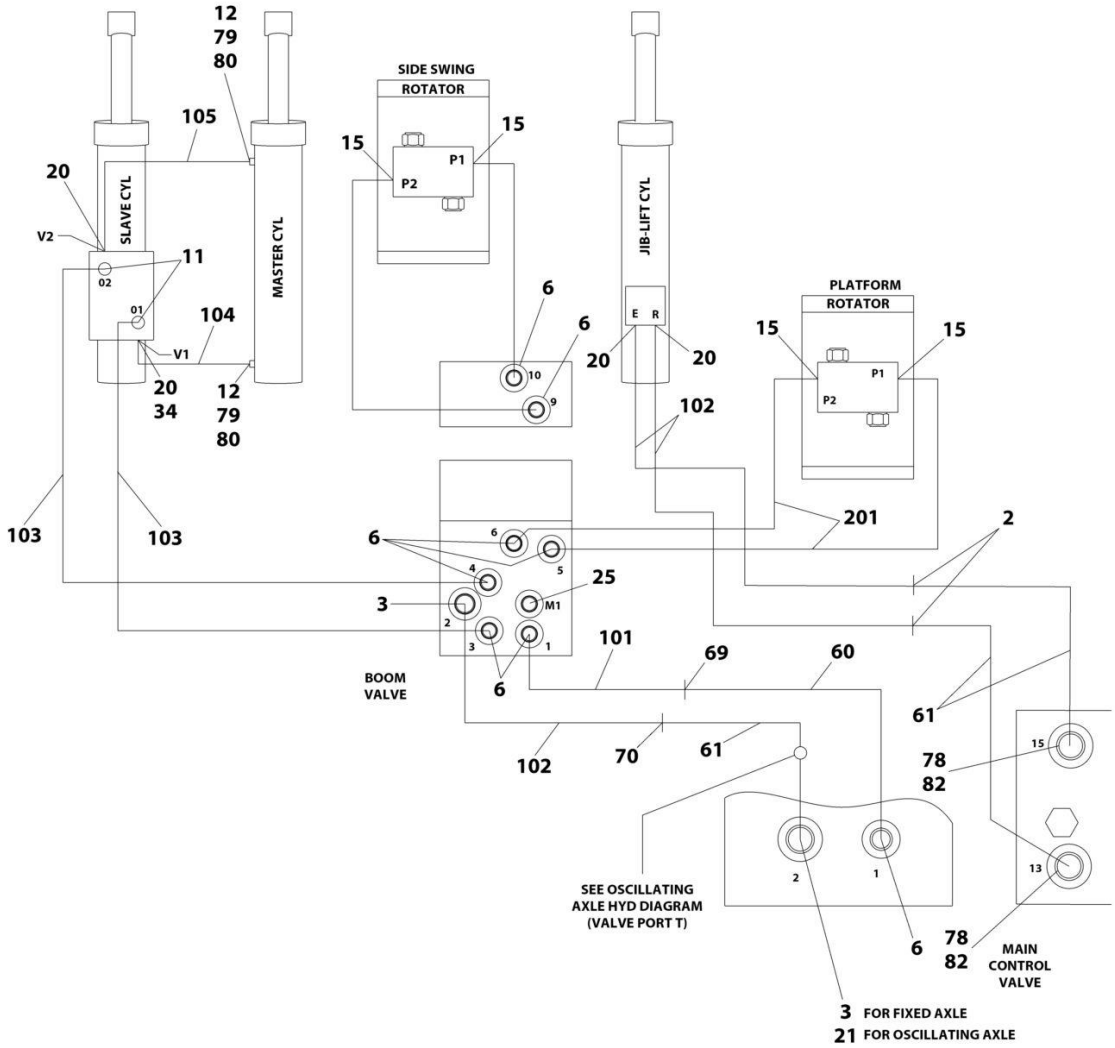


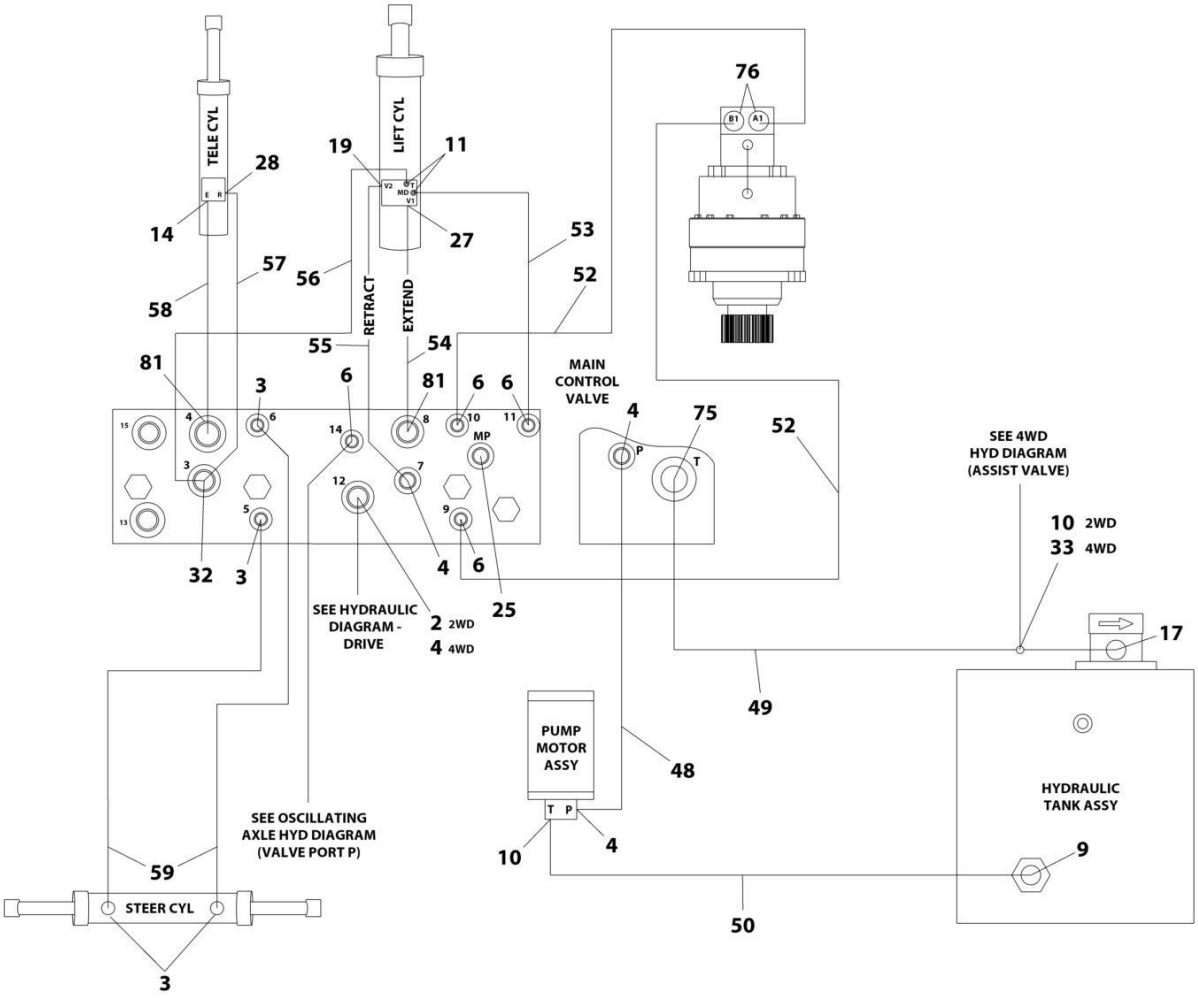
ART_2792423

FIGURE 7-4. HYDRAULIC DIAGRAM - DRIVE (4WD)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792423	Ref	4WD HYDRAULIC DIAGRAM	B
3	2220371	6	Fitting, Straight ORB-FL	
4	2220373	1	Fitting, Straight ORB-FL	
5	2220374	1	Fitting, Straight ORB-FL	
13	2220497	4	Fitting, Straight ORB-FL	
24	2220828	2	Fitting, 90 ORB-FL	
26	2220899	1	Fitting, Tee ORB-FL-FL	
29	2220998	2	Fitting, Straight ORB-FL	
100	1001269833	1	Kit, Hose (4WD Rear)	
101	2752648	NSS	Hose	
102	2753118	NSS	Hose	
103	2753452	NSS	Hose	
104	2753459	NSS	Hose	
105	2753460	NSS	Hose	
106	2753461	NSS	Hose	

FIGURE 7-5. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ)



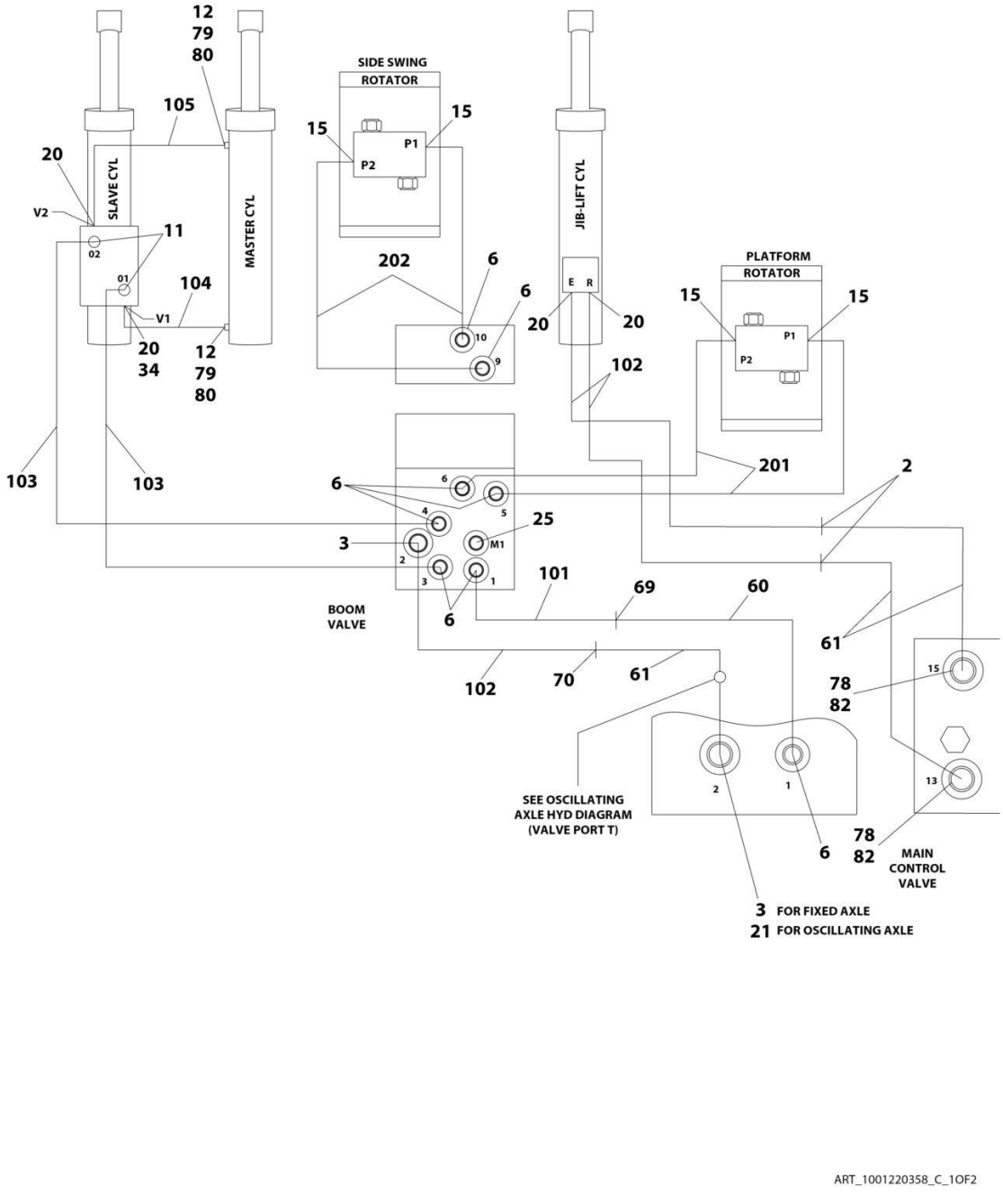


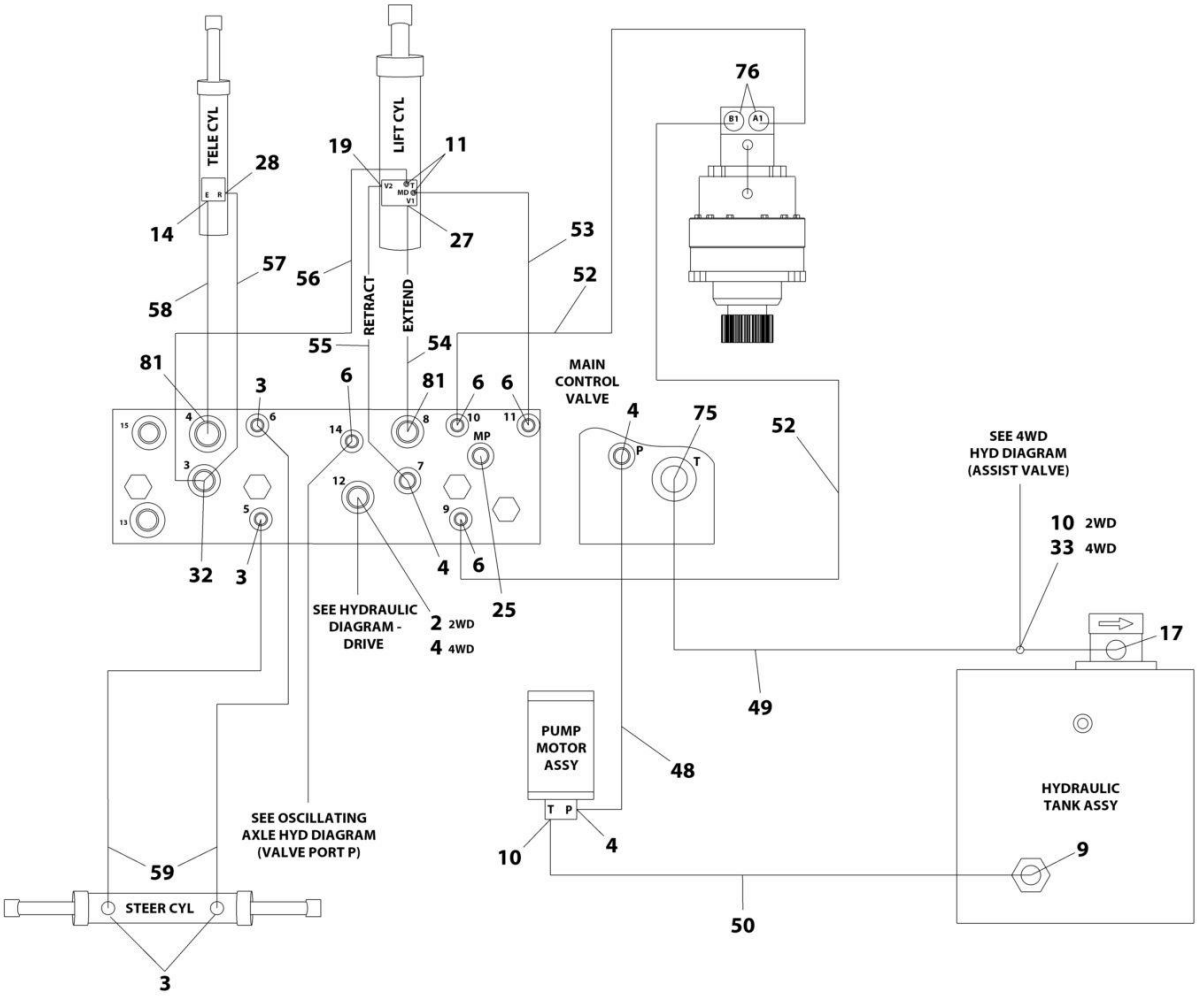
ART_1001220357_B_2OF2

FIGURE 7-5. HYDRAULIC DIAGRAM - STANDARD (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220357	Ref	HYDRAULIC DIAGRAM - STANDARD	B
2	2220511	2	Fitting, Straight JIC/JIC	
3	2220371	7	Fitting, Straight JIC/ORB	
4	2220373	4	Fitting, Straight JIC/ORB	
6	2220415	9	Fitting, Straight JIC/ORB	
9	2220435	1	Fitting, Straight JIC/ORB	
10	2220451	1	Fitting, Straight JIC/ORB	
11	2220466	4	Fitting, 90 JIC/ORB	
12	2220934	2	Fitting, Tee JIC/ORB/FNPTF	
14	2220500	1	Fitting, 45 JIC/ORB	
15	2220502	2	Fitting, 45 JIC/ORB	
17	2220550	1	Fitting Straight FORB/ORB	
19	2220596	1	Fitting, 90 JIC/ORB	
20	2220603	4	Fitting Straight JIC/ORB	
21	2220606	1	Fitting, Tee JIC/ORB/JIC	
25	2221086	2	Fitting, Diagnostic Test Port	
27	2220947	1	Fitting, Straight JIC/ORB	
28	2220950	1	Fitting, 45 JIC/ORB	
32	2221061	1	Fitting, Tee JIC/ORB/JIC	
33	2221063	1	Fitting, Tee JIC/ORB/JIC	
34	4567139	1	Tube	
48	2752498	1	Hose	
49	2753441	1	Hose	
50	2753440	1	Hose	
52	2753458	2	Hose	
53	2753444	1	Hose	
54	2753456	1	Hose	
55	2753454	1	Hose	
56	2753443	1	Hose	
57	2753453	1	Hose	
58	2753455	1	Hose	
59	2753451	2	Hose	
60	2753445	1	Hose	
61	2753447	3	Hose	
69	2230031	1	Fitting, 45 JIC/JIC	
70	8770189	1	Fitting, 45 JIC/JIC	
75	2220578	1	Fitting, 90 JIC/ORB	
76	2221033	2	Fitting, Straight JIC/ORB	
79	4640861	2	Fitting, Bleeder	
80	0100020	AR	Sealant	
81	88662037	2	Fitting, Straight JIC/ORB	
82	2220372	2	Fitting, Straight JIC/ORB	
100	1001260908	1	Kit, Hose (Upper Boom)	
101	2753446	NSS	Hose	
102	2753450	NSS	Hose	
103	2753442	NSS	Hose	
104	2753448	NSS	Hose	
105	2753449	NSS	Hose	
200	1001260910	1	Kit, Hose (Jib)	
201	2753458	NSS	Hose	

FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP)





ART_1001220358_C_2OF2

FIGURE 7-6. HYDRAULIC DIAGRAM - STANDARD (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220358	Ref	HYDRAULIC DIAGRAM - STANDARD	C
2	2220511	2	Fitting, Straight JIC/JIC	
3	2220371	5	Fitting, Straight JIC/ORB	
4	2220373	4	Fitting, Straight JIC/ORB	
6	2220415	11	Fitting, Straight JIC/ORB	
9	2220435	1	Fitting, Straight JIC/ORB	
10	2220451	1	Fitting, Straight JIC/ORB	
11	2220466	4	Fitting, 90 JIC/ORB	
12	2220934	2	Fitting, Tee JIC/ORB/FNPTF	
14	2220500	1	Fitting, 45 JIC/ORB	
15	2220502	4	Fitting, 45 JIC/ORB	
17	2220550	1	Fitting Straight FORB/ORB	
19	2220596	1	Fitting, 90 JIC/ORB	
20	2220603	4	Fitting Straight JIC/ORB	
21	2220606	1	Fitting, Tee JIC/ORB/JIC	
25	2221086	2	Fitting, Diagnostic Test Port	
27	2220947	1	Fitting, Straight JIC/ORB	
28	2220950	1	Fitting, 45 JIC/ORB	
32	2221061	1	Fitting, Tee JIC/ORB/JIC	
33	2221063	1	Fitting, Tee JIC/ORB/JIC	
34	4567139	1	Tube	
48	2752498	1	Hose	
49	2753441	1	Hose	
50	2753440	1	Hose	
52	2753458	2	Hose	
53	2753444	1	Hose	
54	2753456	1	Hose	
55	2753454	1	Hose	
56	2753443	1	Hose	
57	2753453	1	Hose	
58	2753455	1	Hose	
59	2753451	2	Hose	
60	2753445	1	Hose	
61	2753447	3	Hose	
69	2230031	1	Fitting, 45 JIC/JIC	
70	8770189	1	Fitting, 45 JIC/JIC	
75	2220578	1	Fitting, 90 JIC/ORB	
76	2221033	2	Fitting, Straight JIC/ORB	
79	4640861	2	Fitting, Bleeder	
80	0100020	AR	Sealant	
81	88662037	2	Fitting, Straight JIC/ORB	
82	2220372	2	Fitting, Straight JIC/ORB	
100	1001260909	1	Kit, Hose (Upper Boom)	
101	2753493	NSS	Hose	
102	2753494	NSS	Hose	
103	2753492	NSS	Hose	
104	2753448	NSS	Hose	
105	2753449	NSS	Hose	
200	1001260911	1	Kit, Hose (Jib)	
201	2753458	NSS	Hose	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
202	2753491	NSS	Hose	

FIGURE 7-7. HYDRAULIC DIAGRAM - TOW

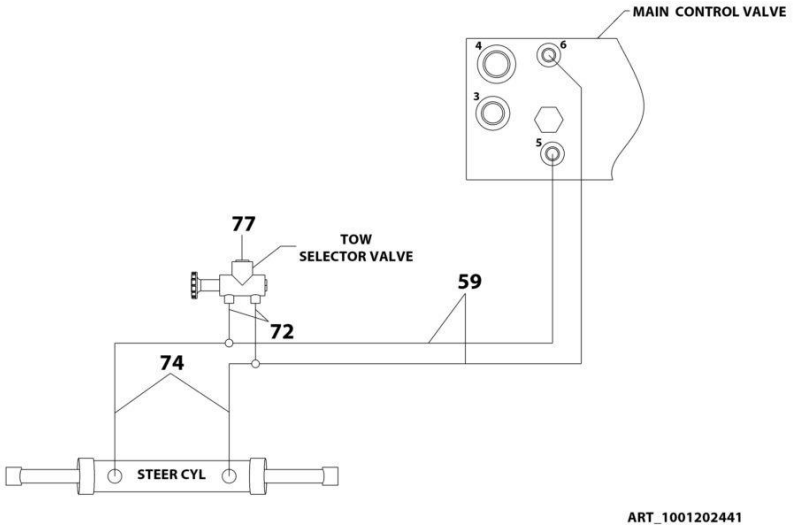


FIGURE 7-7. HYDRAULIC DIAGRAM - TOW

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001202441	Ref	TOW HYDRAULIC DIAGRAM	C
59	2753451	2	Hose	
72	2221052	AR	Fitting, Tee ORB-FL-FL	
74	2753327	2	Hose	
77	2220240	1	Fitting, Plug ORB	

SECTION 8 - ELECTRICAL

FIGURE 8-1. AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS

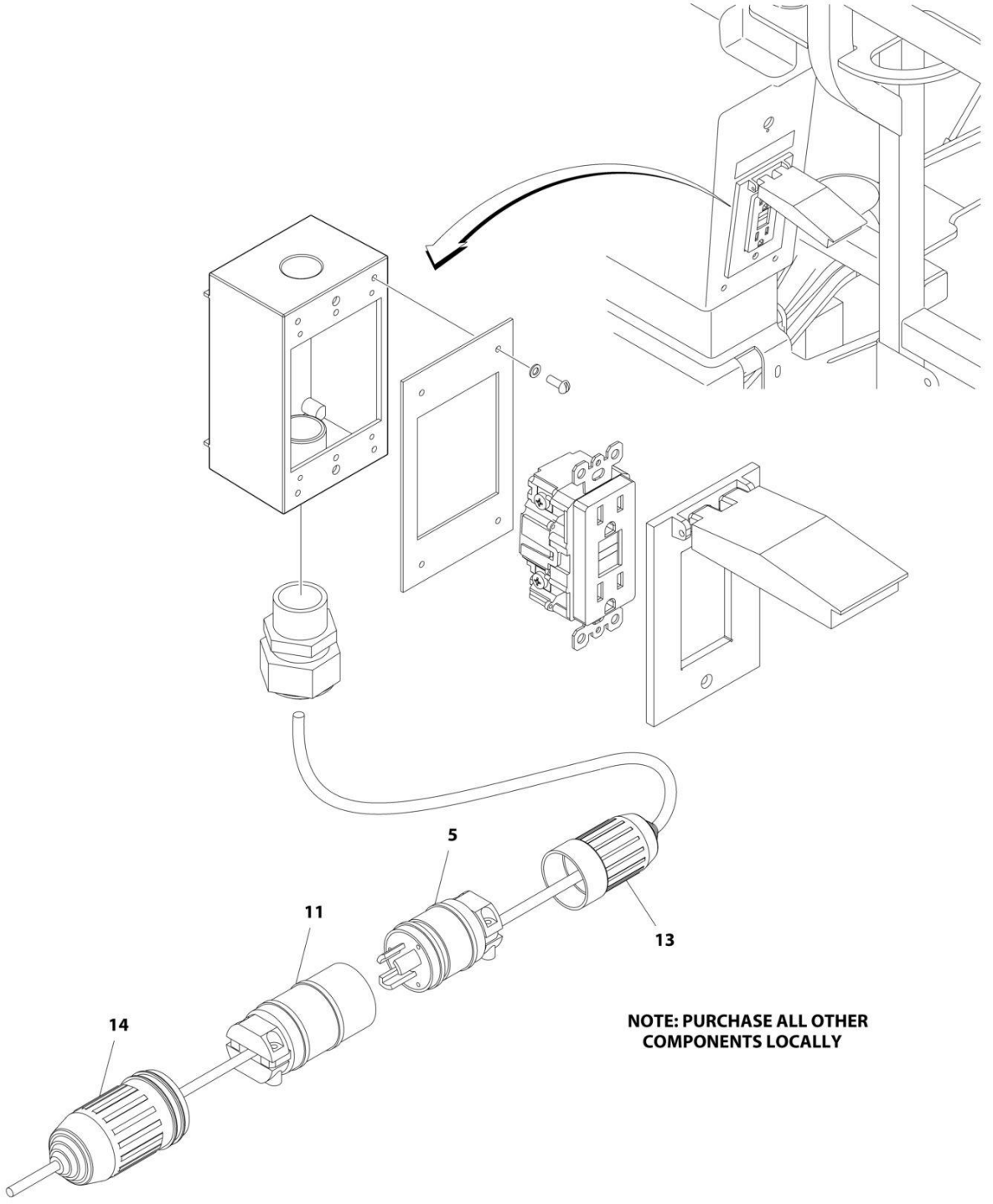


FIGURE 8-1. AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258304	Ref	AC BOX AT PLATFORM - LOCALLY SUPPLIED COMPONENTS	C
5	4460709	1	Plug	
11	4460710	1	Receptacle	
13	1001156351	1	Cover, Female Connector	
14	1001156352	1	Cover, Male Connector	

FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

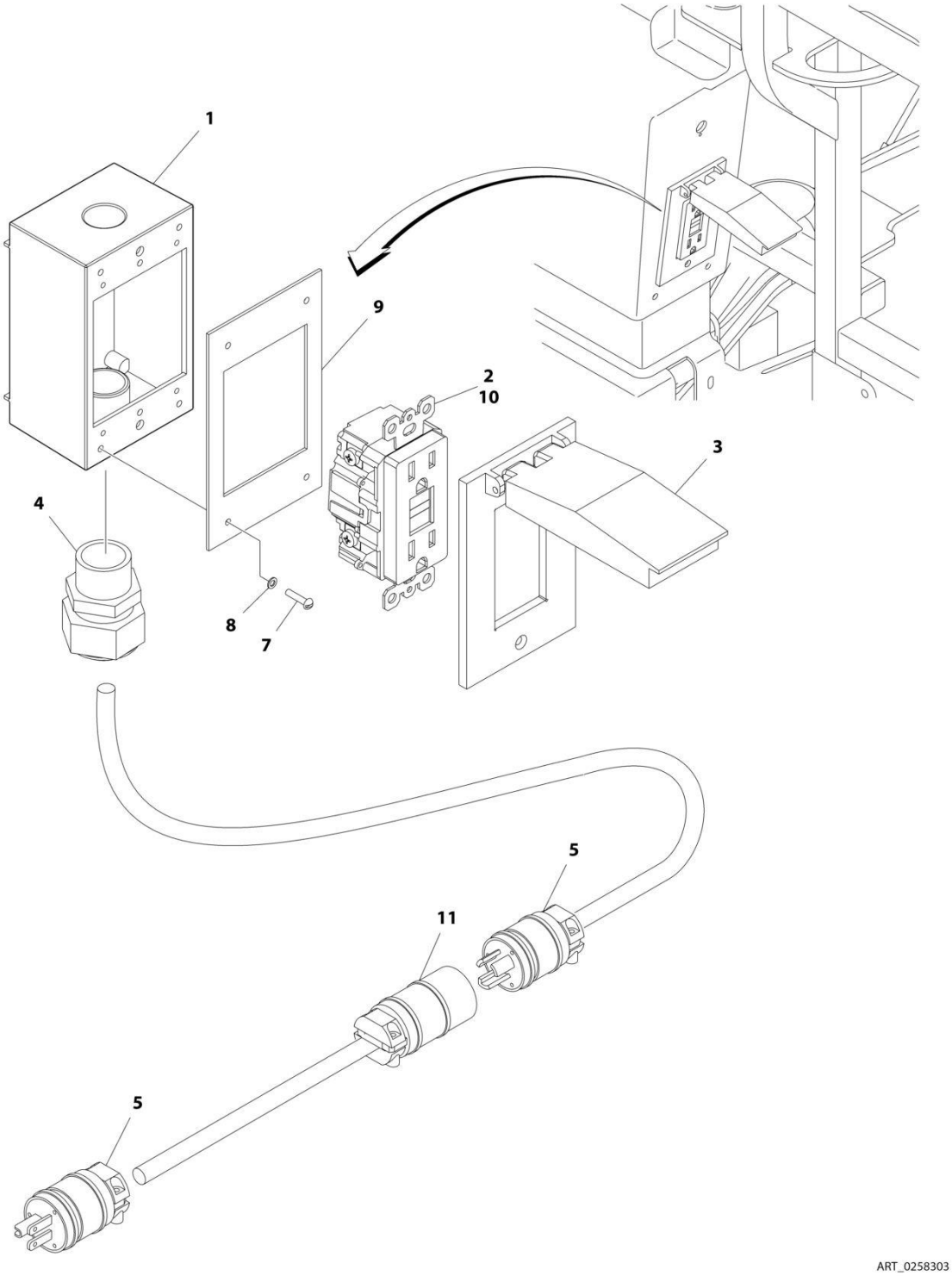


FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258303	Ref	AC BOX AT PLATFORM INSTALLATION - 110V - ANSI, ANSI EXPORT AND CSA SPECS	6
1	0860038	1	Box, Switch	
2	4460346	1	Receptacle	
3	1001110873	1	Shield, Cover	
4	4460071	1	Connector, Strain Relief	
5	4460205	2	Plug, Male	
7	3910610	4	Screw #6 x 5/8	
8	4760600	4	Washer #6	
9	3960422	1	Gasket	
10	4460315	1	Terminal, Spade	
11	4460134	1	Receptacle, Female	

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)

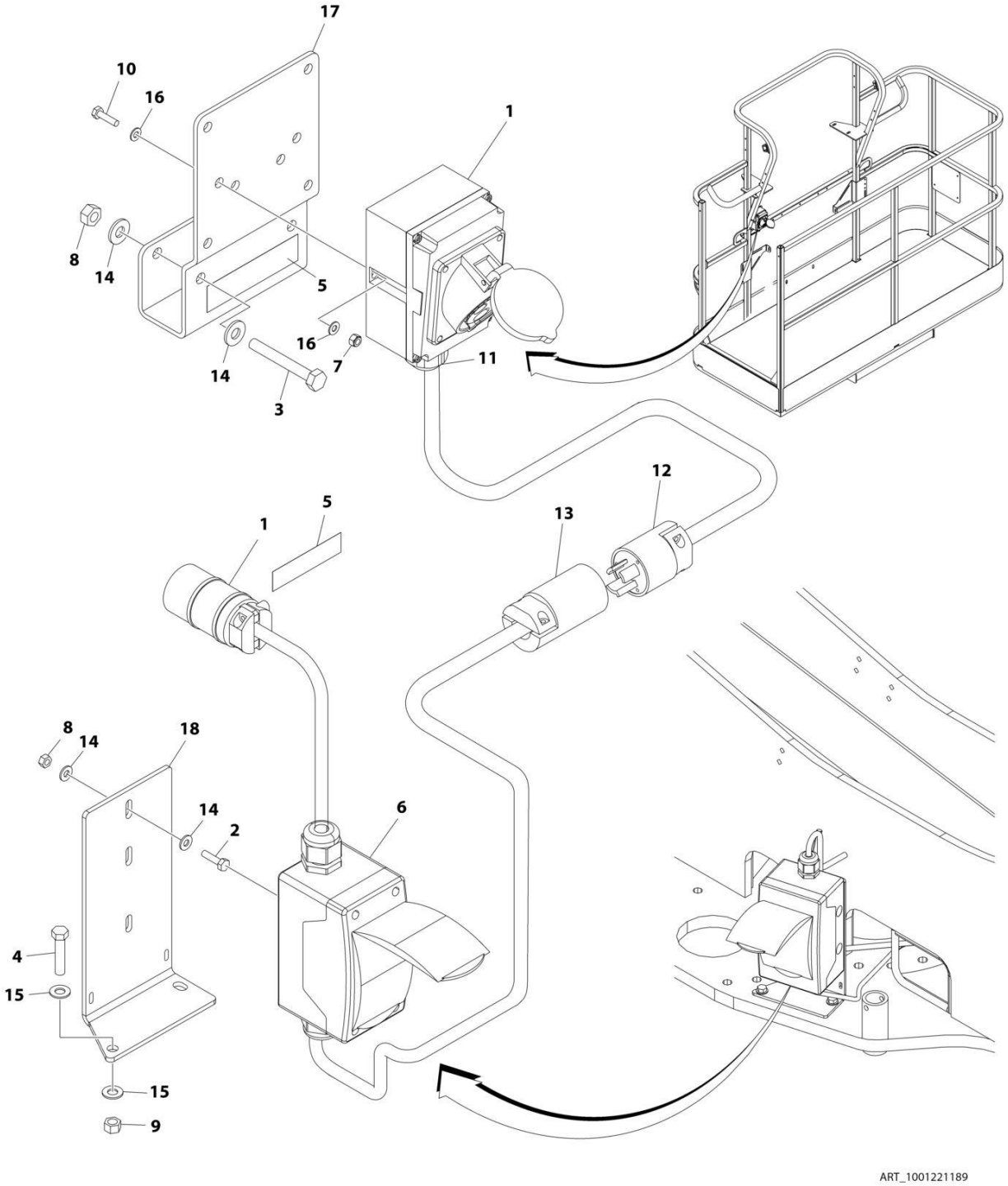


FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221189	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC)	A
1	0275216	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	1705325	2	Decal - 120V-50Hz	
6	2902549	1	Breaker Box Kit - CE & UK CA Spec (See Separate Breakdown in this Section)	
7	3290405	2	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	2	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	4	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)

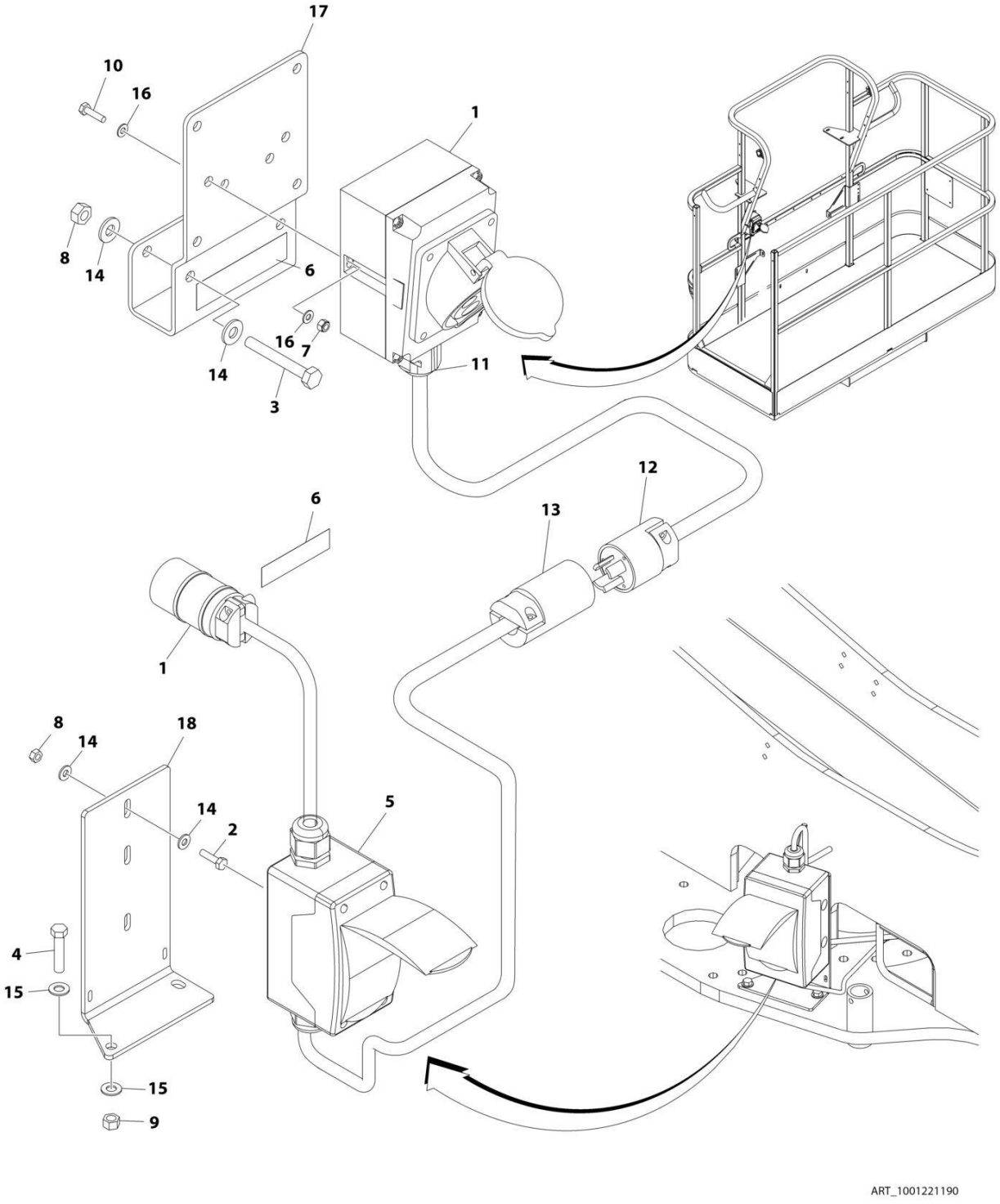


FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221190	Ref	AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC)	A
1	0275217	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
6	3252507	2	Decal - 220V-50Hz	
7	3290405	2	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	2	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	4	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)

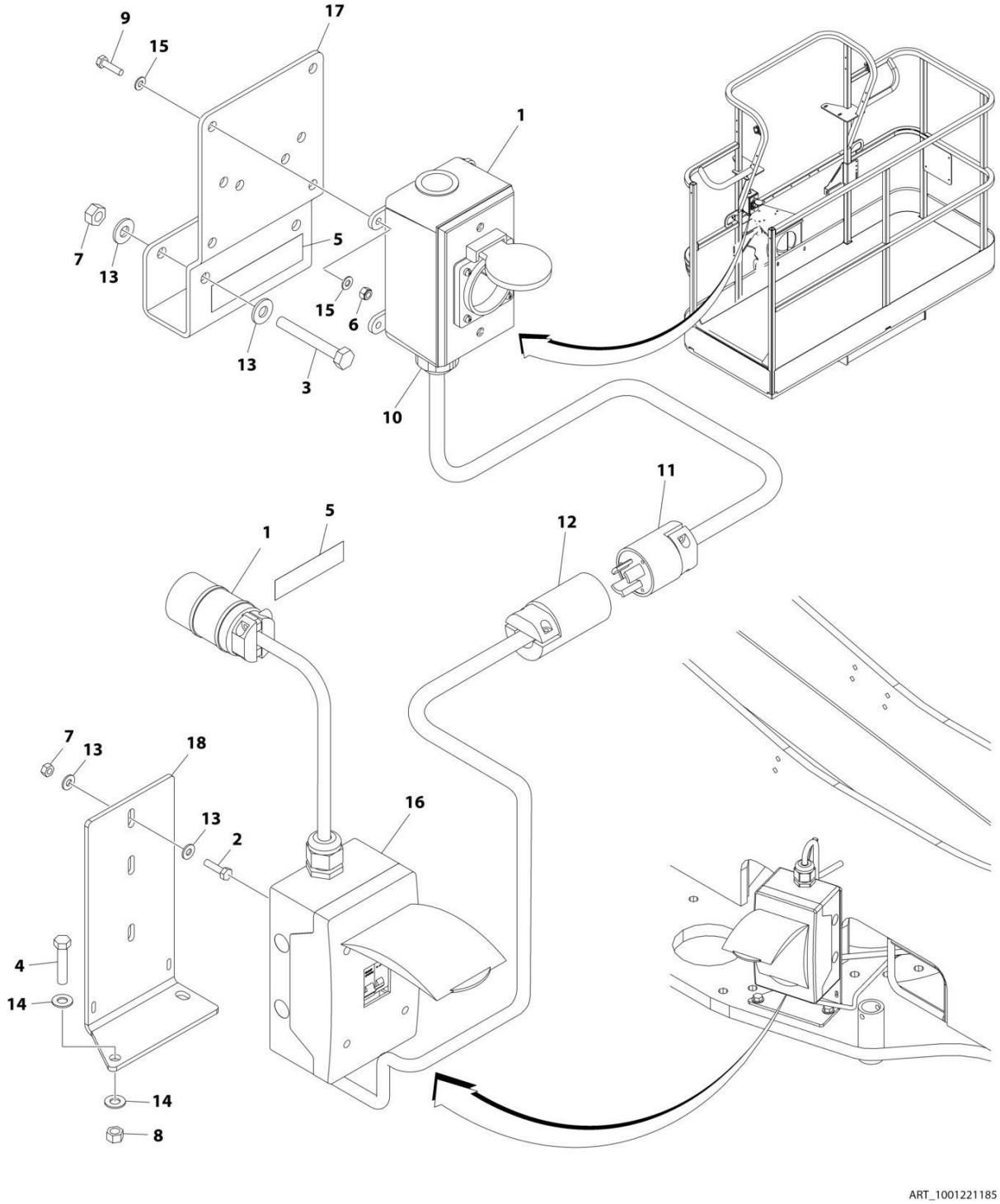


FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221185	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)	A
1	0275452	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	3252507	2	Decal - Voltage	
6	3290405	4	Nut M4	
7	3311405	4	Nut 1/4	
8	3311605	2	Nut 3/8	
9	4010408	4	Screw M4 x 16	
10	4460662	1	Connector, Strain Relief	
11	4460709	1	Plug, Male	
12	4460710	1	Receptacle, Female	
13	4711400	8	Washer 1/4	
14	4711600	4	Washer 3/8	
15	4811400	8	Washer M4	
16	1001152486	1	Breaker Box Kit (See Separate Breakdown in this Section)	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)

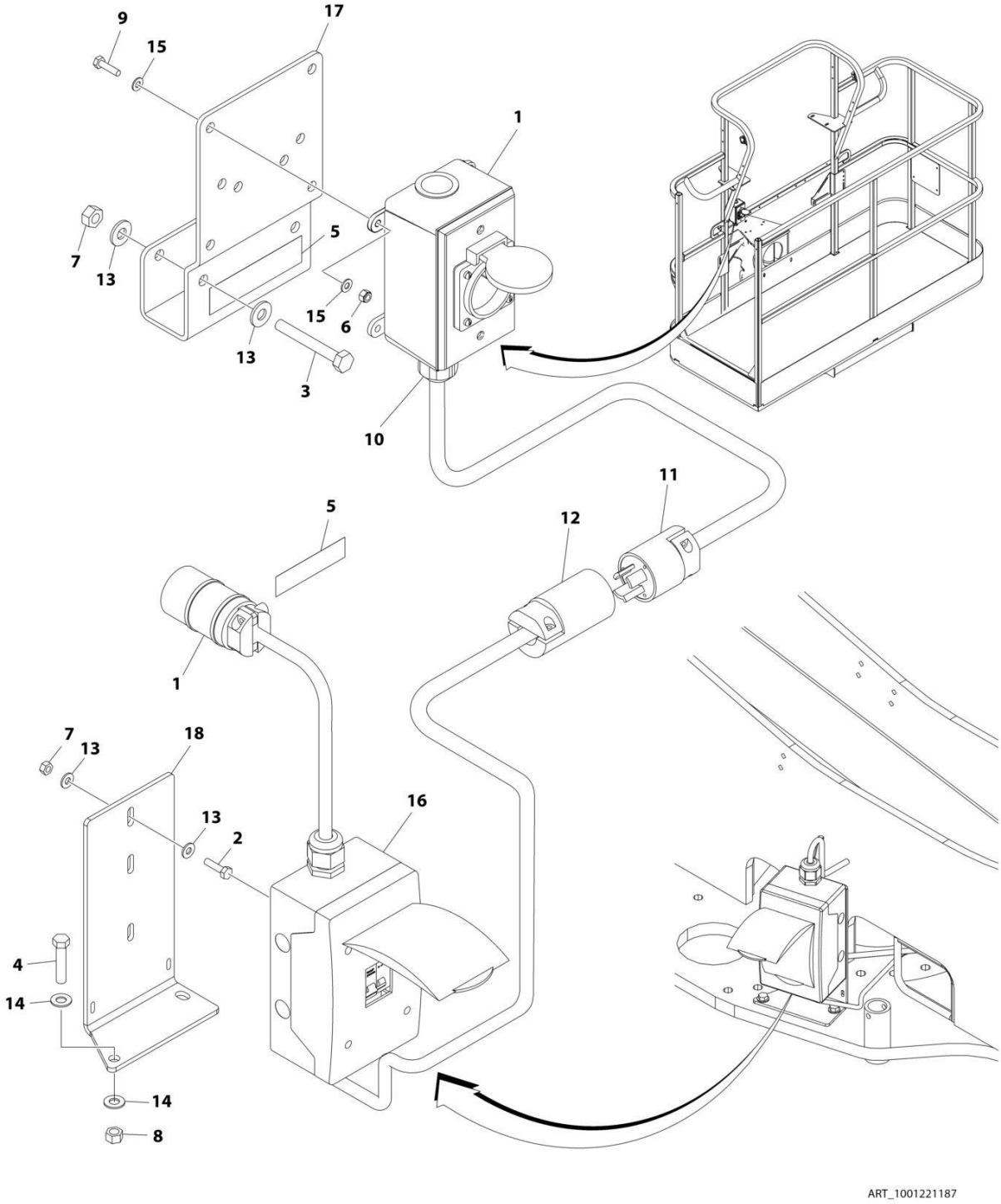


FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221187	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC) **(SN 0300223839 to Present)**	A
1	0275453	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	3252507	2	Decal - Voltage	
6	3290405	4	Nut M4	
7	3311405	4	Nut 1/4	
8	3311605	2	Nut 3/8	
9	4010408	4	Screw M4 x 16	
10	4460662	1	Connector, Strain Relief	
11	4460709	1	Plug, Male	
12	4460710	1	Receptacle, Female	
13	4711400	8	Washer 1/4	
14	4711600	4	Washer 3/8	
15	4811400	8	Washer M4	
16	1001152486	1	Breaker Box Kit (See Separate Breakdown in this Section)	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX

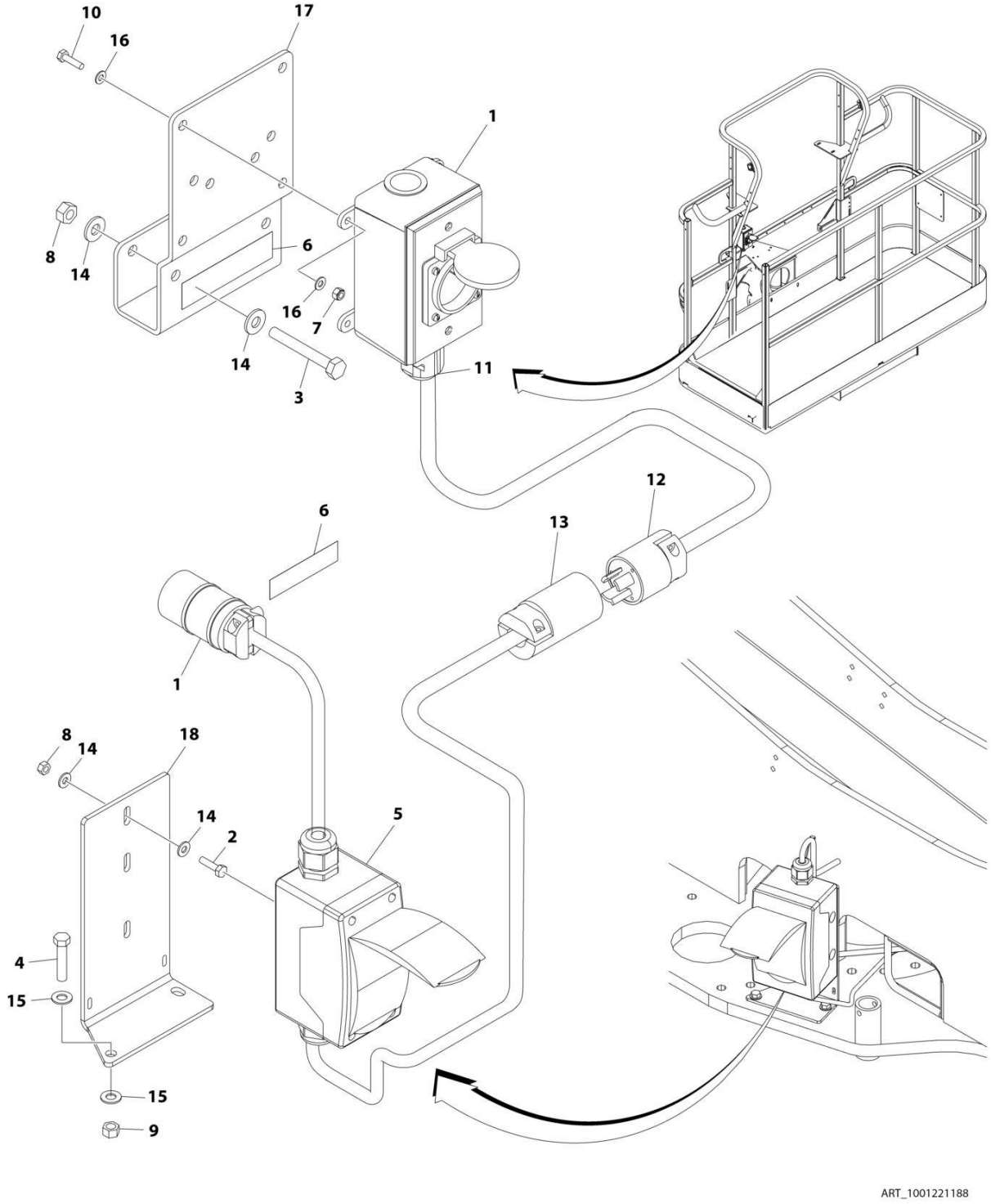


FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001221188	Ref	AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX (CE & UK CA SPEC) **(SN 0300223839 to Present)**	A
1	0275454	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	2902549	1	Breaker Box Kit (See Separate Breakdown in this Section)	
6	3252507	2	Decal - Voltage	
7	3290405	4	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	4	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	8	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX (MACHINES WITH SN STARTING WITH B3)

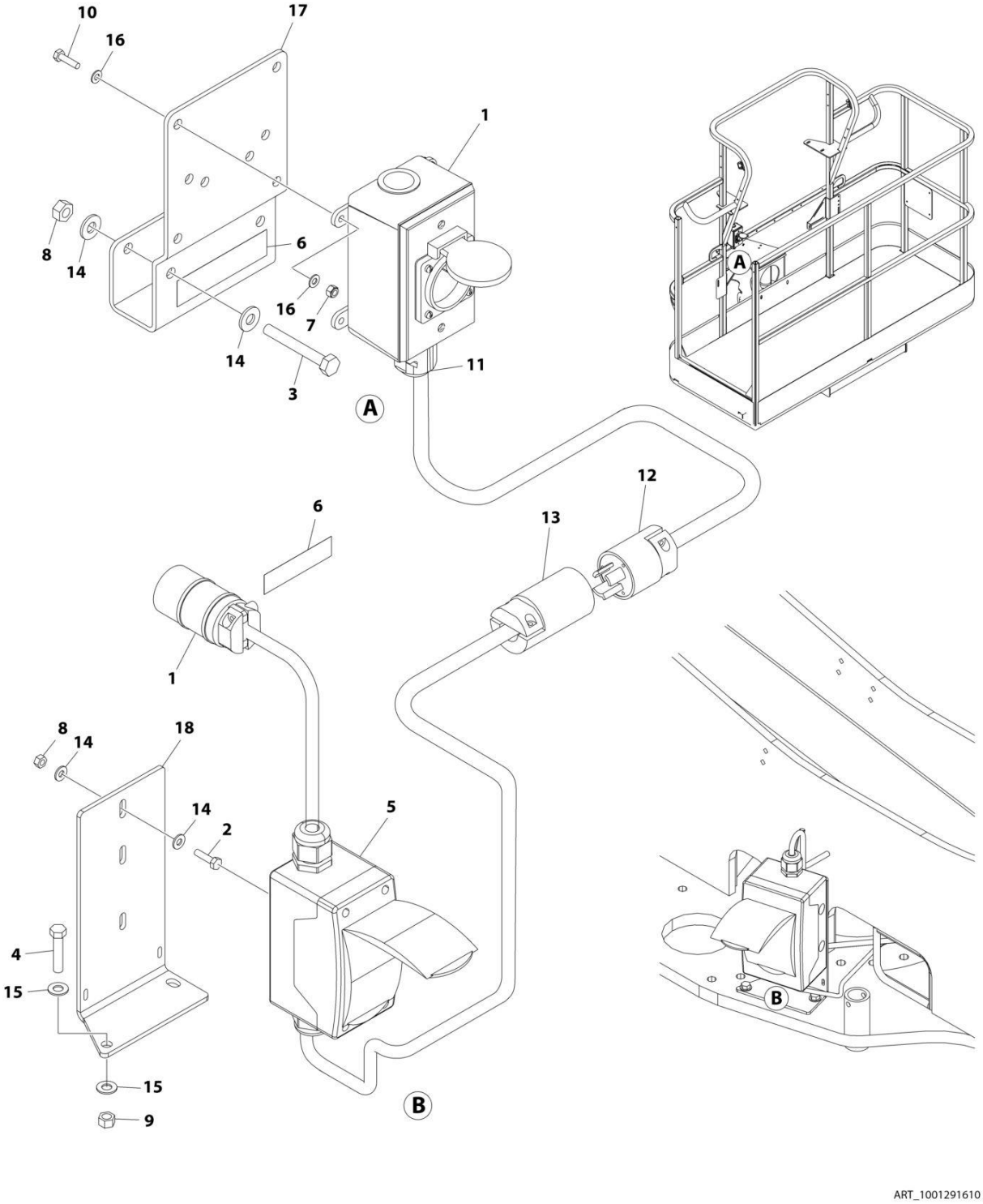


FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107 KEYED GROUND WITH 2IN X 4IN BOX (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291610	Ref	AC BOX AT FLATFORM INSTALLATION 220V AFSINT	A
1	0275454	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	1001289592	1	Breaker Box Kit (See Separate Breakdown in this Section)	
6	3252507	2	Decal - Voltage	
7	3290405	4	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	4	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	8	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC) (MACHINES WITH SN STARTING WITH B3)

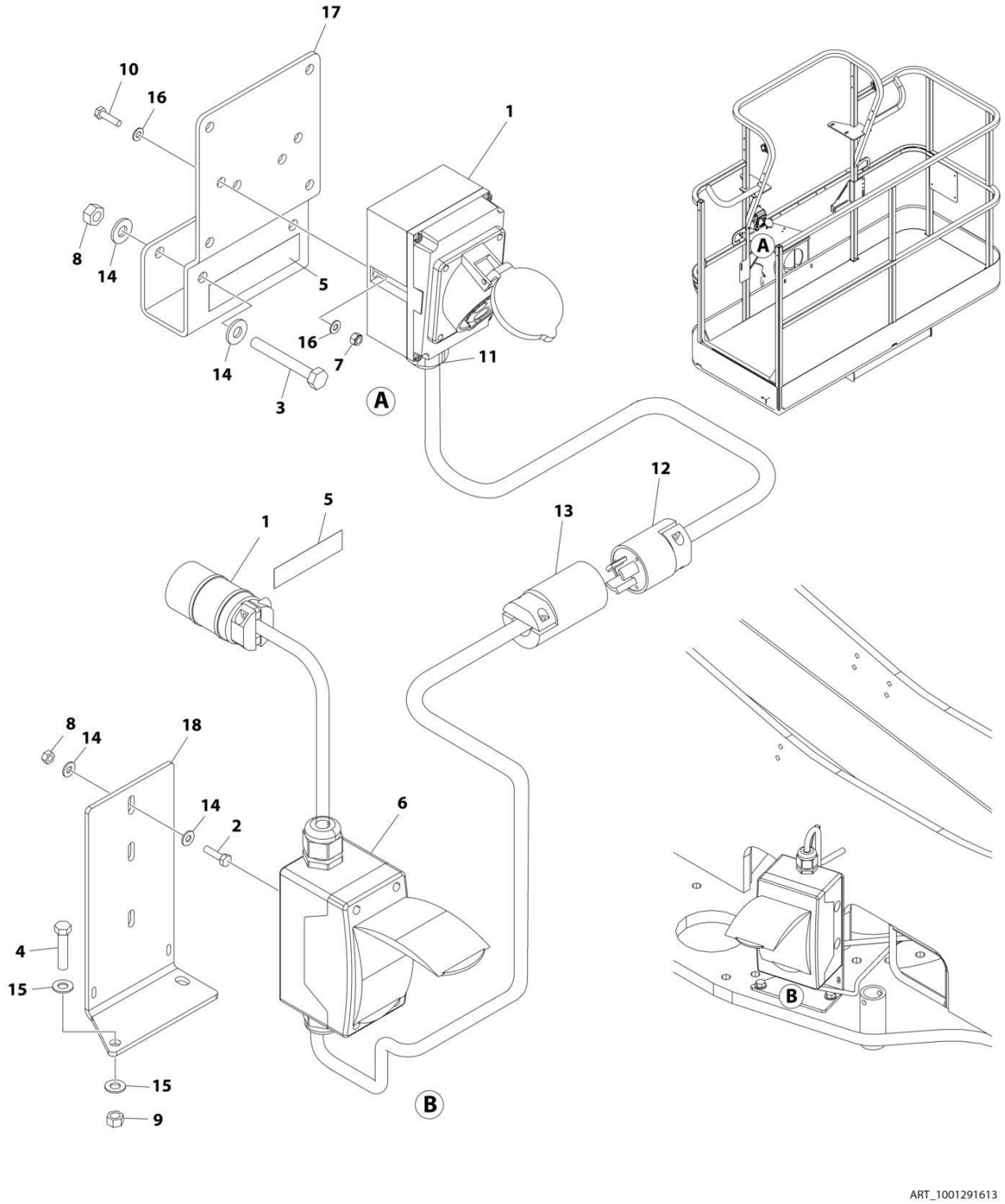


FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW (CE & UK CA SPEC) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291613	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW	A
1	0275216	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	1705325	2	Decal - 120V-50Hz	
6	1001289592	1	Breaker Box Kit - CE & UK CA Spec (See Separate Breakdown in this Section)	
7	3290405	2	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	2	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	4	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC) (MACHINES WITH SN STARTING WITH B3)

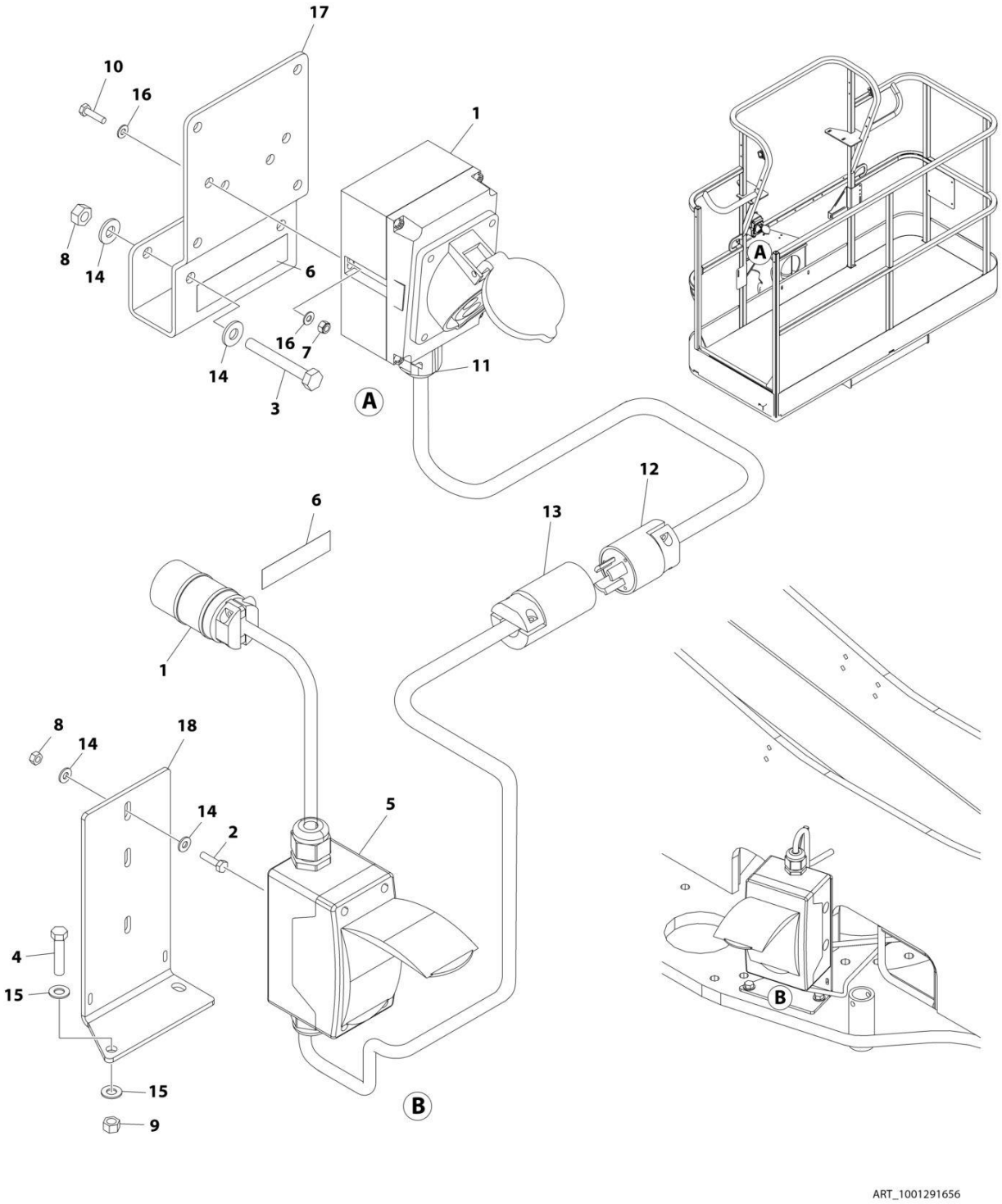


FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE (CE & UK CA SPEC) (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291656	Ref	AC BOX AT PLATFORM INSTALLATION 220V IEC BLUE	A
1	0275217	1	Receptacle Box Kit (See Separate Breakdown in this Section)	
2	0641408	2	Bolt 1/4 x 1	
3	0641416	2	Bolt 1/4 x 2	
4	0641614	2	Bolt 3/8 x 1-3/4	
5	1001289592	1	Breaker Box Kit (See Separate Breakdown in this Section)	
6	3252507	2	Decal - 220V-50Hz	
7	3290405	2	Nut M4	
8	3311405	4	Nut 1/4	
9	3311605	2	Nut 3/8	
10	4010408	2	Screw M4 x 16	
11	4460662	1	Connector, Strain Relief	
12	4460709	1	Plug, Male	
13	4460710	1	Receptacle, Female	
14	4711400	8	Washer 1/4	
15	4711600	4	Washer 3/8	
16	4811400	4	Washer M4	
17	1001193018	1	Bracket	
18	1001221130	1	Bracket	

FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)

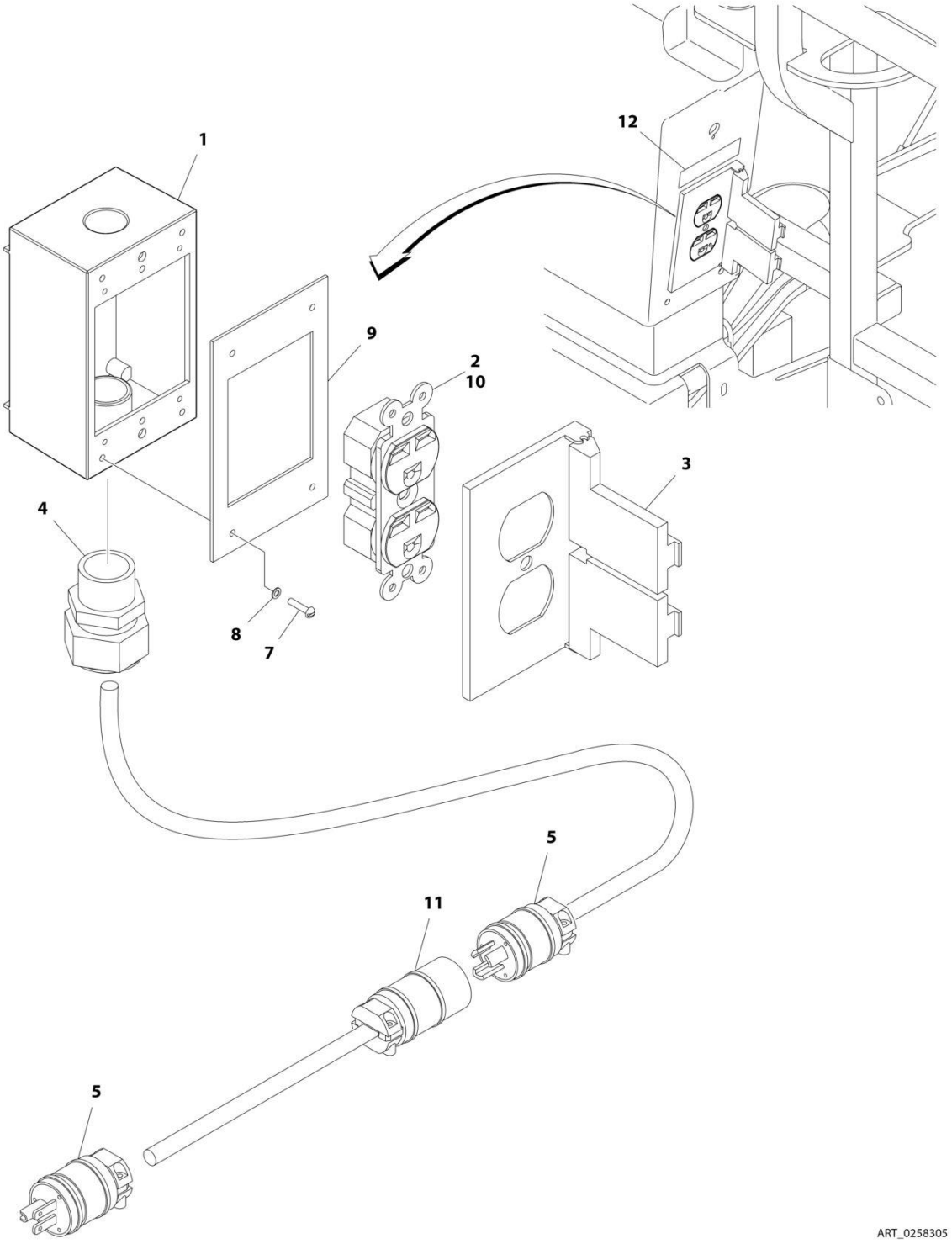


FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, CSA & JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0258305	Ref	AC BOX AT PLATFORM INSTALLATION - 220V - ANSI, ANSI EXPORT AND CSA SPECS	B
1	0860038	1	Box, Switch	
2	4460125	1	Receptacle	
3	4060092	1	Shield	
4	4460071	1	Connector, Strain Relief	
5	4460233	2	Plug, Male	
7	3910610	4	Screw #6 x 5/8	
8	4760600	4	Washer #6	
9	3960422	1	Gasket	
10	4460315	1	Terminal, Spade	
11	4460701	1	Receptacle, Female	
12	3252507	1	Decal - Voltage	

FIGURE 8-12. BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)

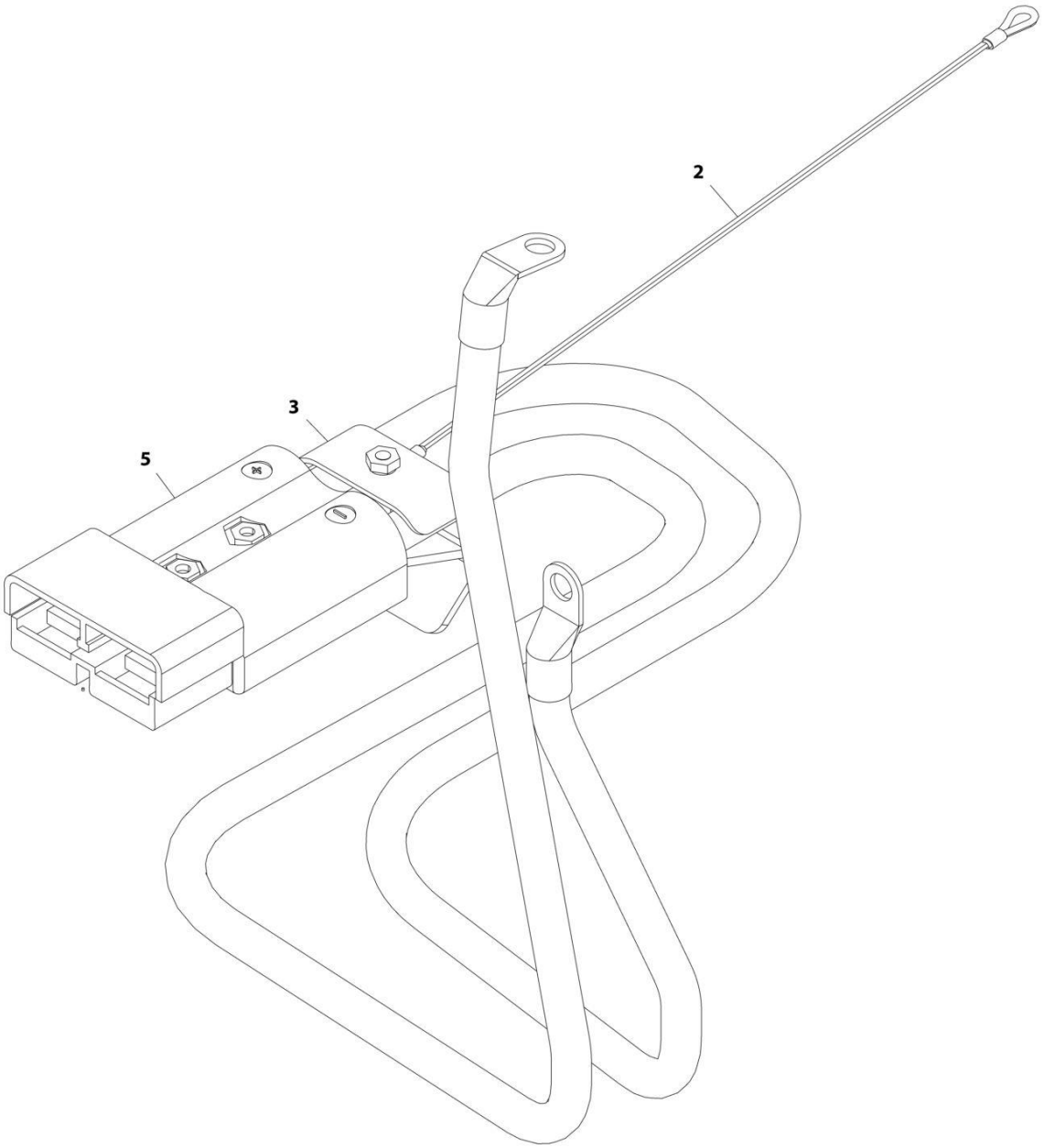


FIGURE 8-12. BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1060803	Ref	BATTERY BOX CABLE ASSEMBLY (RH SIDE BOX) (STANDARD BATTERIES)	D
2	1060799	1	Lanyard	
3	1320172	1	Handle, Pull	
5	4460025	1	Connector	

FIGURE 8-13. BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)

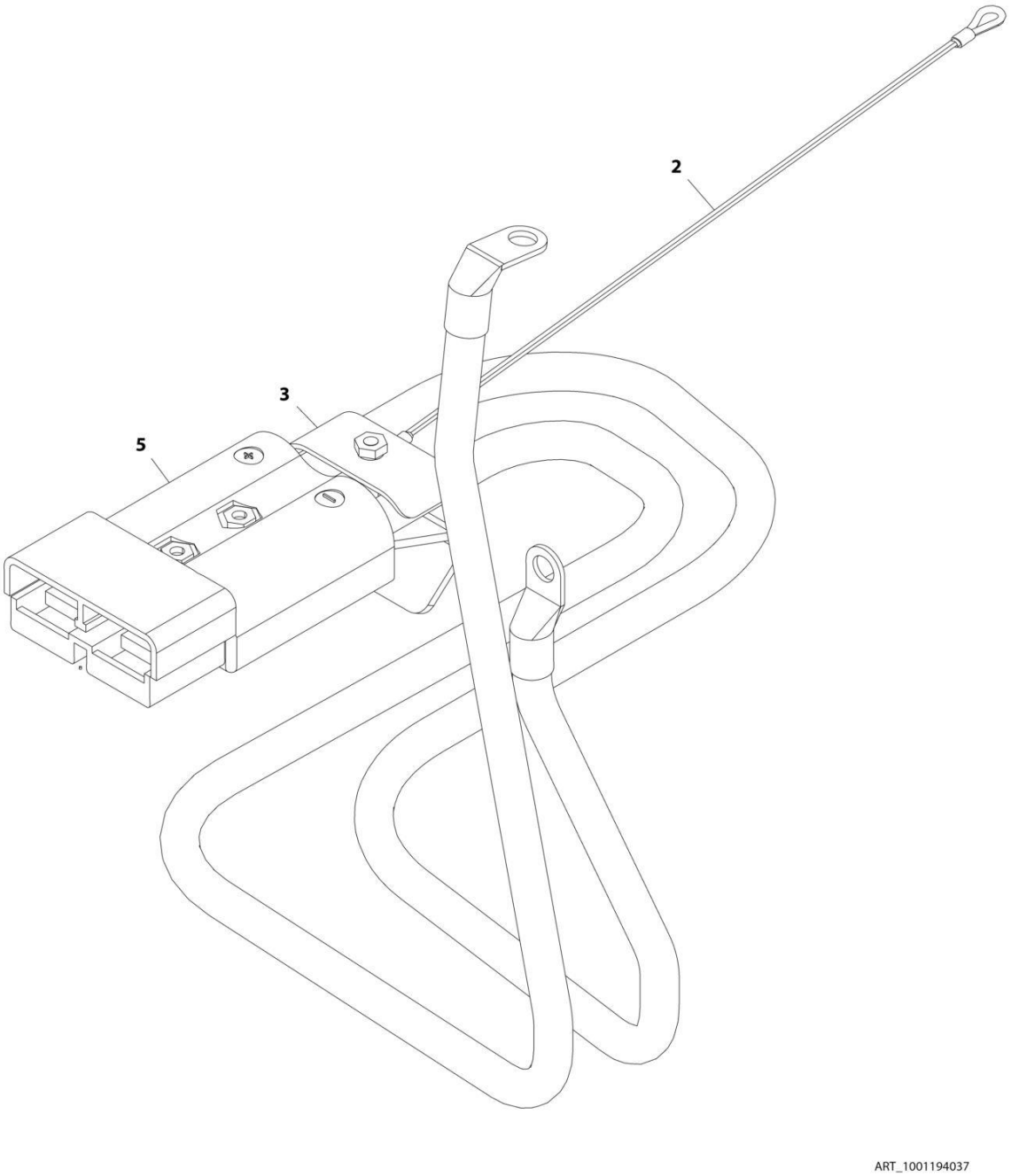


FIGURE 8-13. BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194037	Ref	BATTERY BOX CABLE ASSEMBLY (LH SIDE BOX) (STANDARD BATTERIES)	B
2	1060799	1	Lanyard	
3	1320172	1	Handle, Pull	
5	4460025	1	Connector	

FIGURE 8-14. BATTERY BOX CABLE ASSEMBLY - AGM BATTERIES (MACHINES WITH SN STARTING WITH 03)

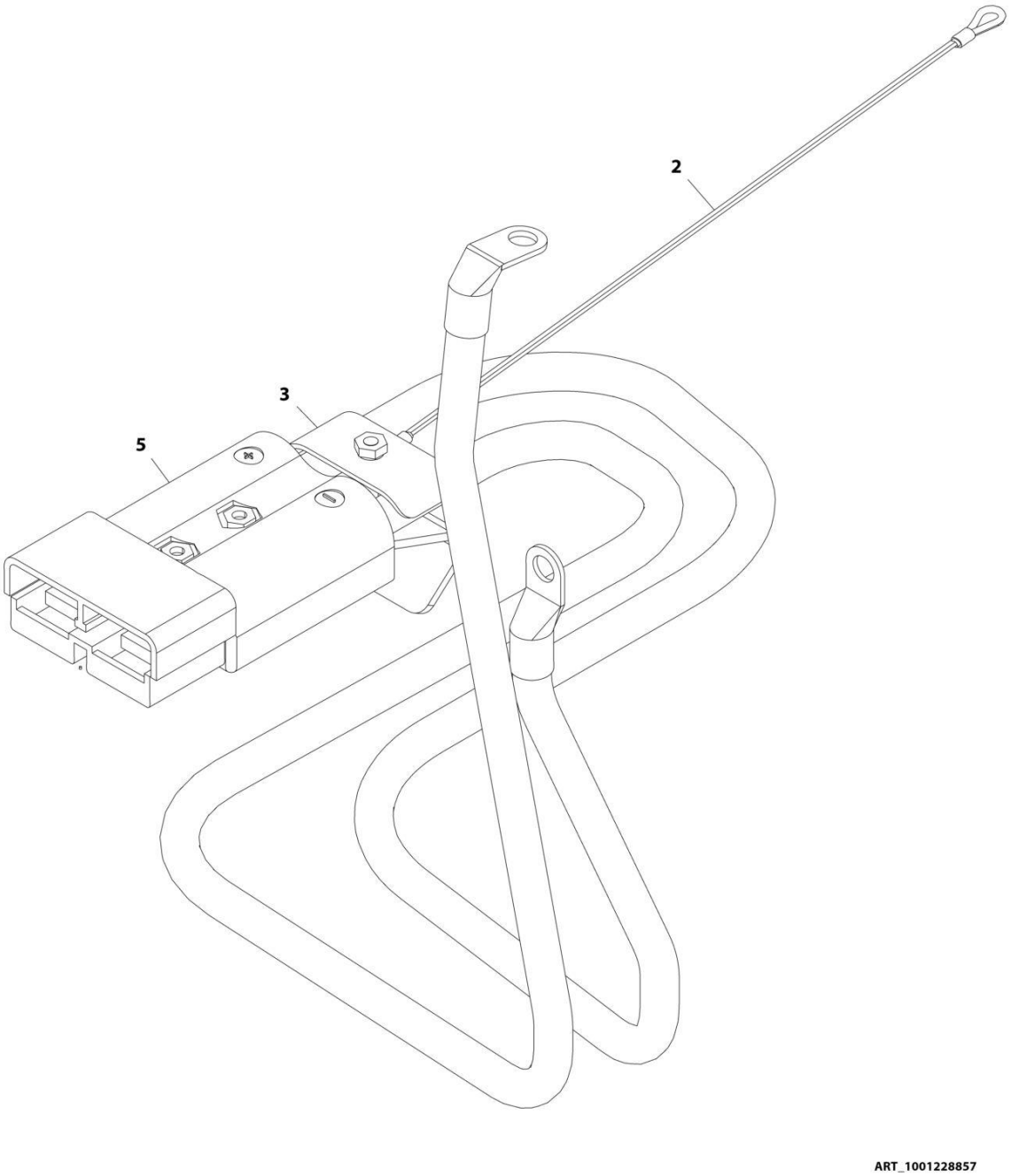


FIGURE 8-14. BATTERY BOX CABLE ASSEMBLY - AGM BATTERIES (MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001228857	Ref	BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES)	A
2	1060799	1	Lanyard	
3	1320172	1	Handle, Pull	
5	4460025	1	Connector	

FIGURE 8-15. BATTERY BOX CABLE ASSEMBLY - AGM BATTERIES (MACHINES WITH SN STARTING WITH B3)

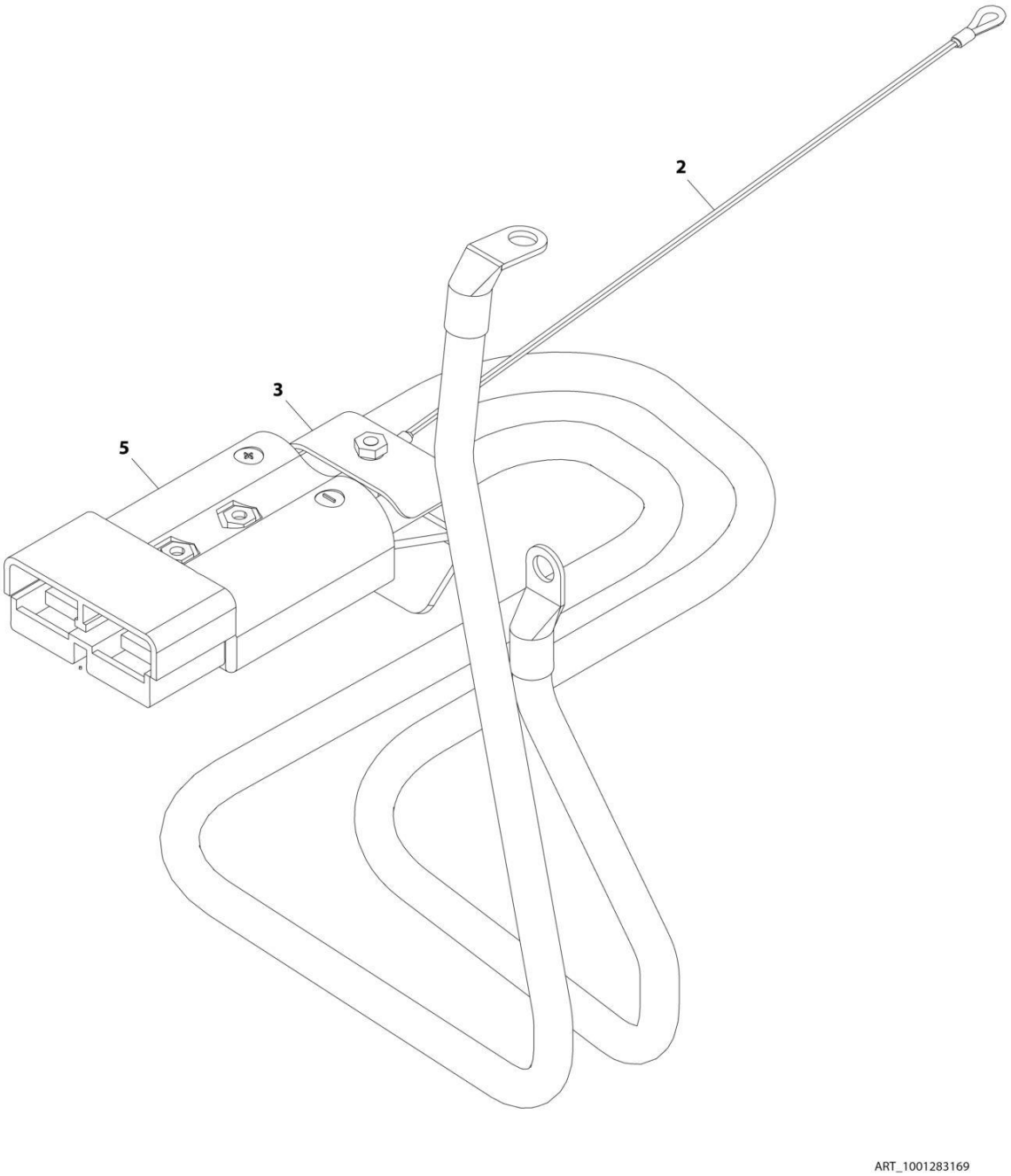


FIGURE 8-15. BATTERY BOX CABLE ASSEMBLY - AGM BATTERIES (MACHINES WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283169	Ref	BATTERY BOX CABLE ASSEMBLY (AGM BATTERIES)	A
2	1060799	1	Lanyard	
3	1320172	1	Handle, Pull	
5	4460025	1	Connector	

FIGURE 8-16. BEACON LIGHT HARNESS (AMBER BEACON ONLY)

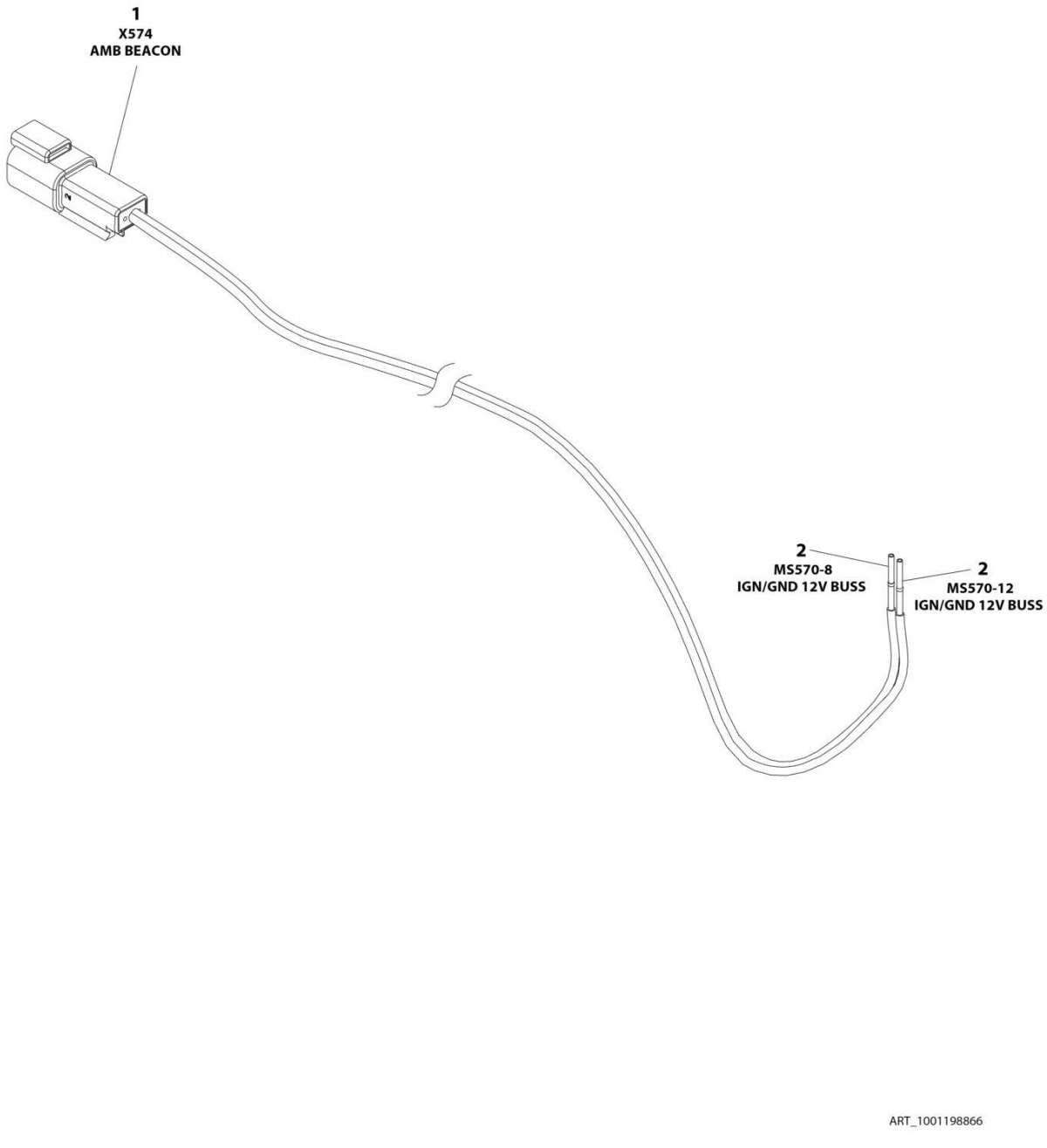


FIGURE 8-16. BEACON LIGHT HARNESS (AMBER BEACON ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001198866	Ref	BEACON LIGHT HARNESS (AMBER BEACON ONLY)	D
1	4460897	1	Connector - 2 Position	
1	4460464	2	Socket, Female	
2	4460464	2	Socket, Female	

FIGURE 8-17. BOOM TRANSPORT HARNESS (CE & UK CA SPECS ONLY)



FIGURE 8-17. BOOM TRANSPORT HARNESS (CE & UK CA SPECS ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001201329	Ref	BOOM TRANSPORT HARNESS	D
1	4460891	2	Connector - 2 Position	
1	4460465	4	Socket, Female	
2	1001187681	1	Connector - 2 Position	
2	4460464	2	Pin, Male	

FIGURE 8-18. BOOM CABLE - LOWER

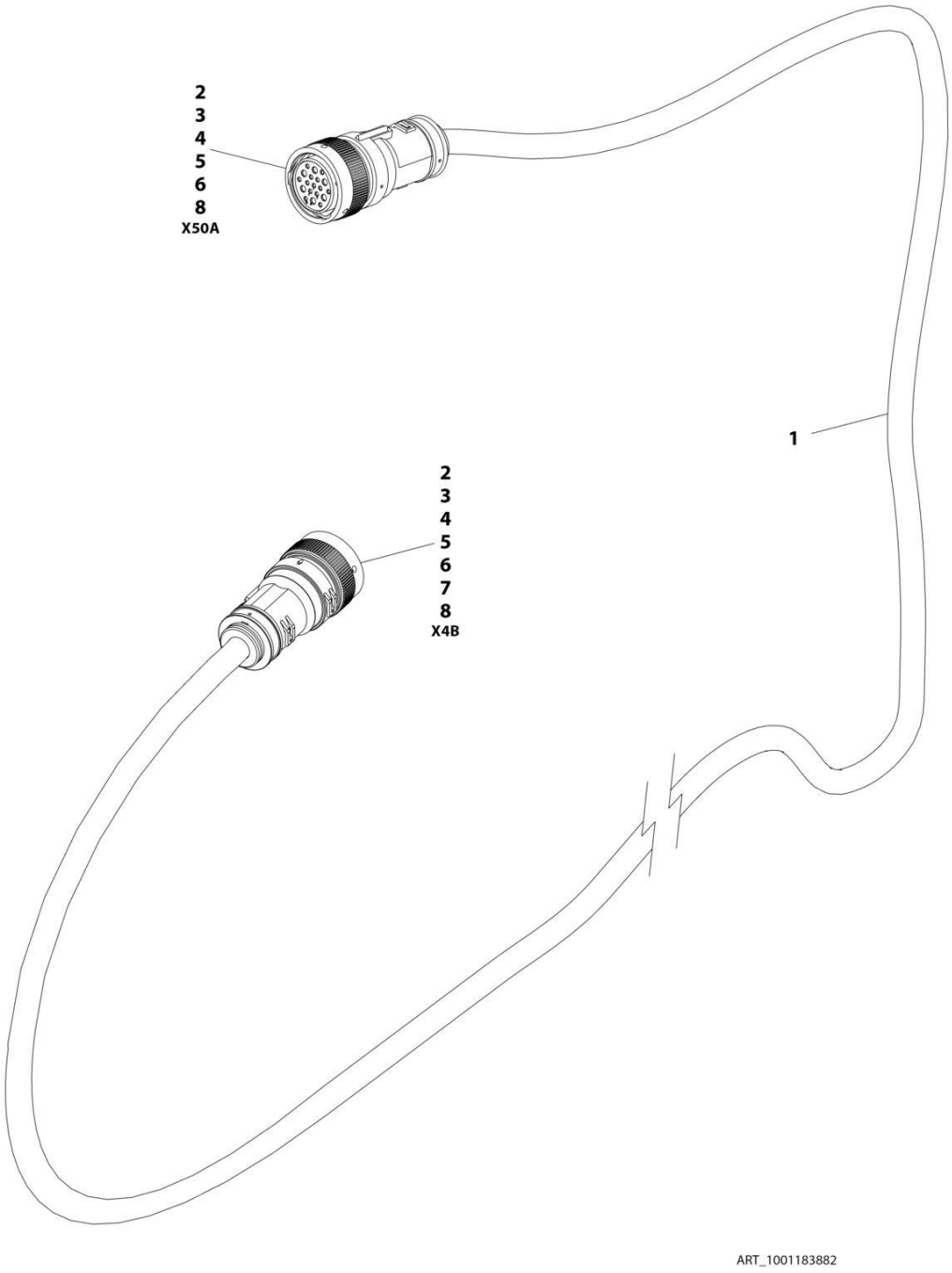


FIGURE 8-18. BOOM CABLE - LOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183882	Ref	LOWER BOOM CABLE	C
1	1060896	20 ft/6.1m	Cable, Electrical	
2	1001188292	AR	Connector - 19 Position	
3	1001188291	AR	Connector, Backshell	
4	4460465	22	Socket, Female	
5	4460509	8	Socket, Female	
6	4460466	AR	Plug, Seal	
7	2820118	6 in/ 15.3cm	Heat Shrink	
8	1001188354	AR	Grommet	
9	4240033	AR	Tie-Strap (Not Shown)	

FIGURE 8-19. BOOM CABLE - UPPER (EC600SJ/H600SJ)

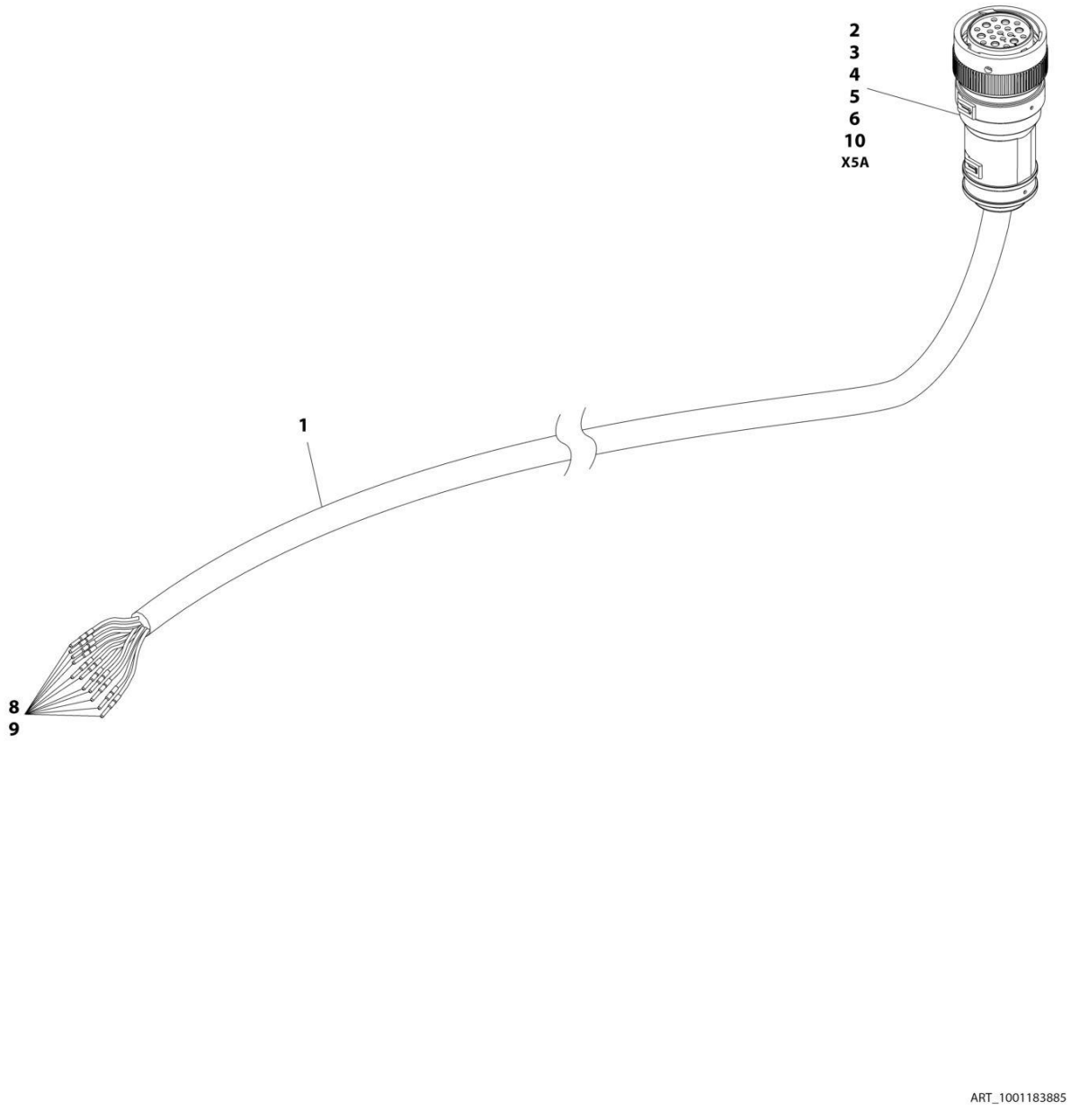


FIGURE 8-19. BOOM CABLE - UPPER (EC600SJ/H600SJ)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183885	Ref	UPPER BOOM CABLE (E600J/M600J)	B
1	1060896	53.5 ft /16.3m	Cable, Electrical	
2	1001188292	1	Connector - 19 Position	
3	1001188291	1	Connector, Backshell	
4	4460465	11	Socket, Female	
5	4460509	4	Socket, Female	
6	4460466	4	Plug, Seal	
8	4460464	11	Pin, Male	
9	4460508	4	Pin, Male	
10	1001188354	1	Grommet	
11	4240033	2	Tie-Strap (Not Shown)	

FIGURE 8-20. BOOM CABLE - UPPER (EC600SJP/H600SJP)

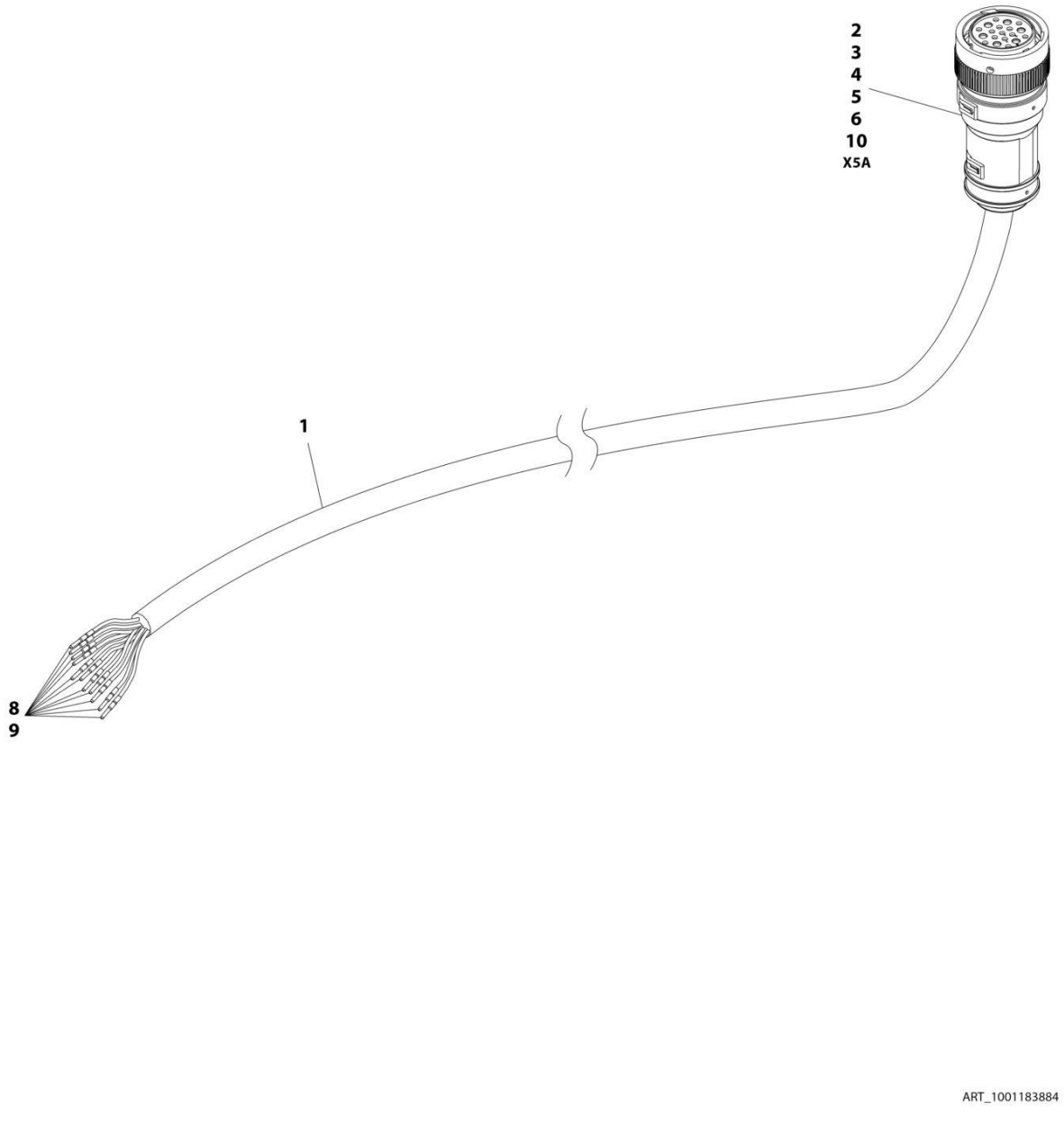


FIGURE 8-20. BOOM CABLE - UPPER (EC600SJP/H600SJP)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183884	Ref	UPPER BOOM CABLE (E600JP/M600JP)	B
1	1060896	54.5 ft /16.6m	Cable, Electrical	
2	1001188292	1	Connector - 19 Position	
3	1001188291	1	Connector, Backshell	
4	4460465	11	Socket, Female	
5	4460509	4	Socket, Female	
6	4460466	4	Plug, Seal	
8	4460464	11	Pin, Male	
9	4460508	4	Pin, Male	
10	1001188354	1	Grommet	
11	4240033	2	Tie-Strap (Not Shown)	

FIGURE 8-21. BREAKER BOX KIT WITH ONE BREAKER - CE & UK CA SPEC

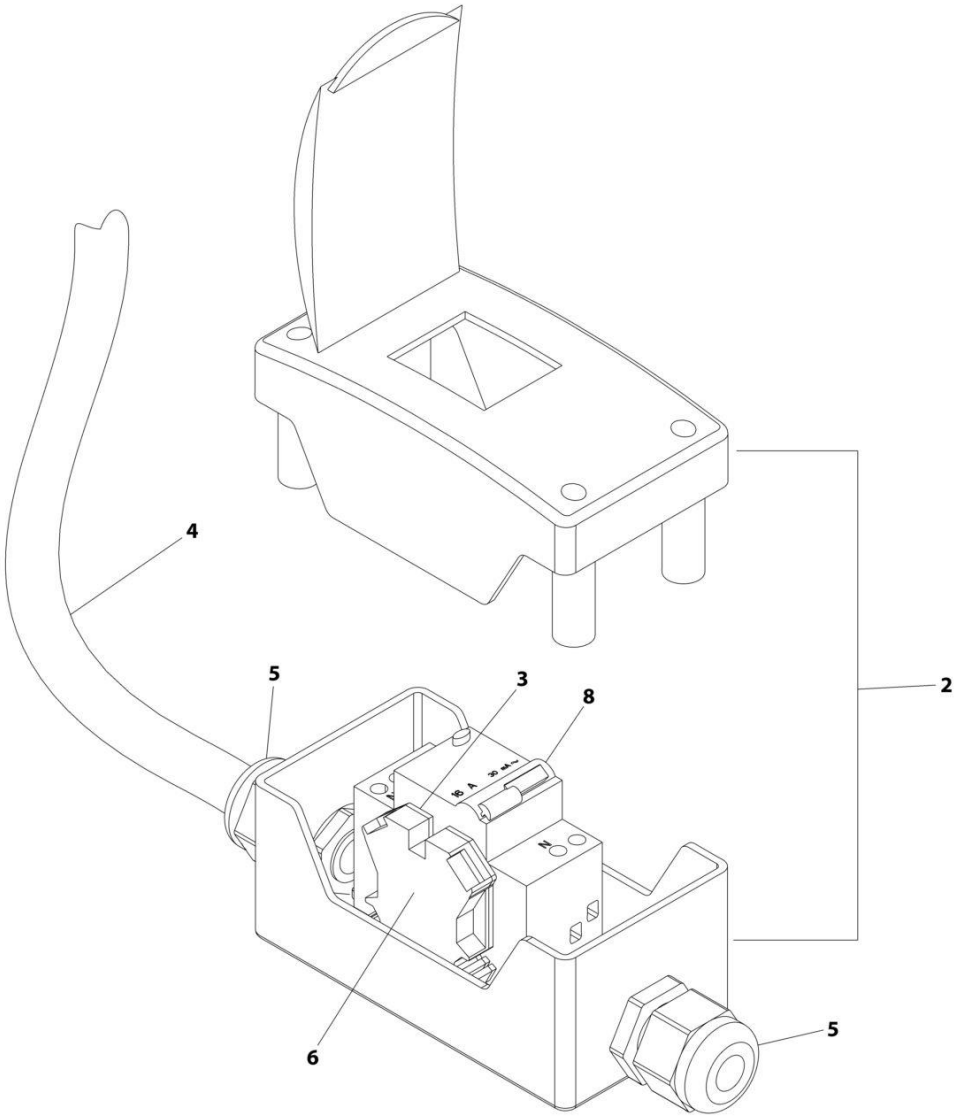


FIGURE 8-21. BREAKER BOX KIT WITH ONE BREAKER - CE & UK CA SPEC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902549	Ref	BREAKER BOX KIT	F
2	0861880	1	Box	
3	4460956	1	Barrier, Terminal	
4	1060908	6 ft/1.8m	Cable, 12/3	
5	1001097150	2	Connector, Strain Relief	
6	4460957	1	Block, Terminal	
8	1001181045	1	Breaker, 16Amp	

FIGURE 8-22. BREAKER BOX KIT WITH TWO BREAKERS - CE & UK CA SPEC

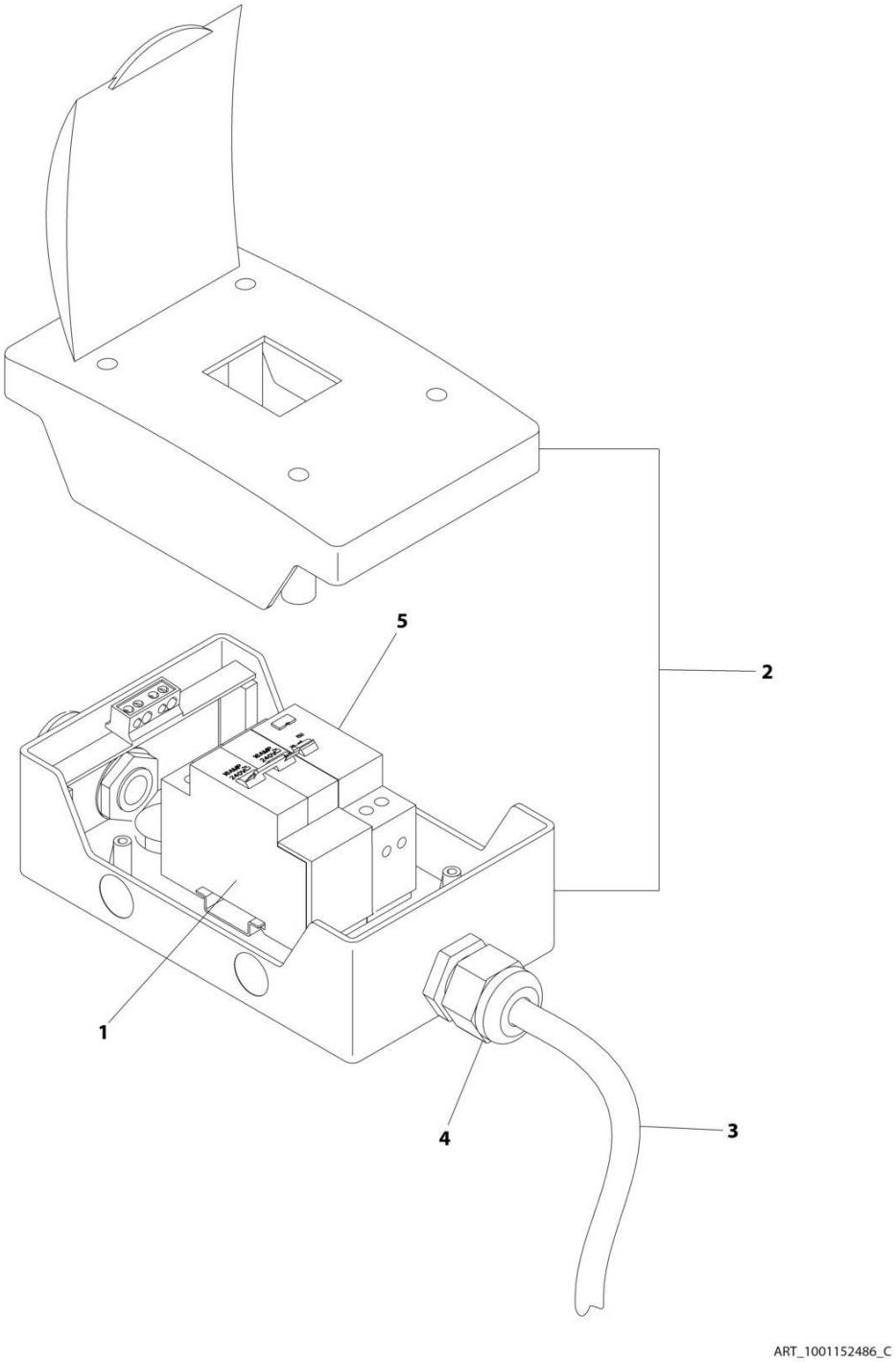


FIGURE 8-22. BREAKER BOX KIT WITH TWO BREAKERS - CE & UK CA SPEC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001152486	Ref	BREAKER BOX KIT	C
1	1001189172	1	Breaker, 16 Amp (Double)	
2	1001152483	1	Box	
3	1060908	12 ft/ 3.66m	Cable, 12/3	
4	1001097150	1	Connector, Strain Relief	
5	1001189171	1	Breaker, 30mA	

FIGURE 8-23. BREAKER BOX KIT WITH ONE BREAKER - MACHINES WITH S/N STARTING WITH B3)

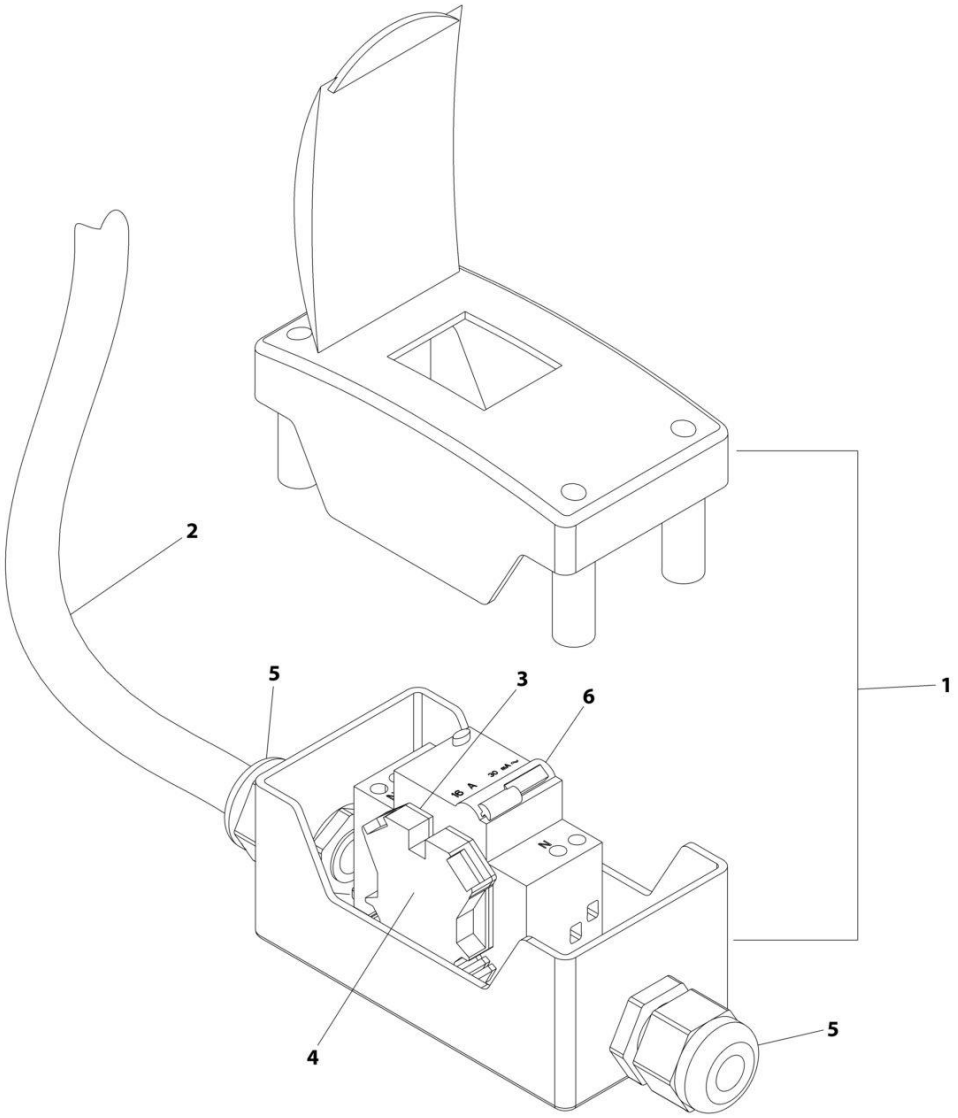


FIGURE 8-23. BREAKER BOX KIT WITH ONE BREAKER - MACHINES WITH S/N STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289592	Ref	BREAKER BOX KIT	A
1	0861880	1	Box	
2	1060908	6 ft/1.8m	Cable 12/3	
3	4460956	1	Barrier, Terminal	
4	4460957	2	Block, Terminal	
5	1001097150	2	Connector, Strain Relief	
6	1001289589	1	Breaker, 16Amp	

FIGURE 8-24. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS) (CHINA SPEC MACHINES WITH SN STARTING WITH 03)

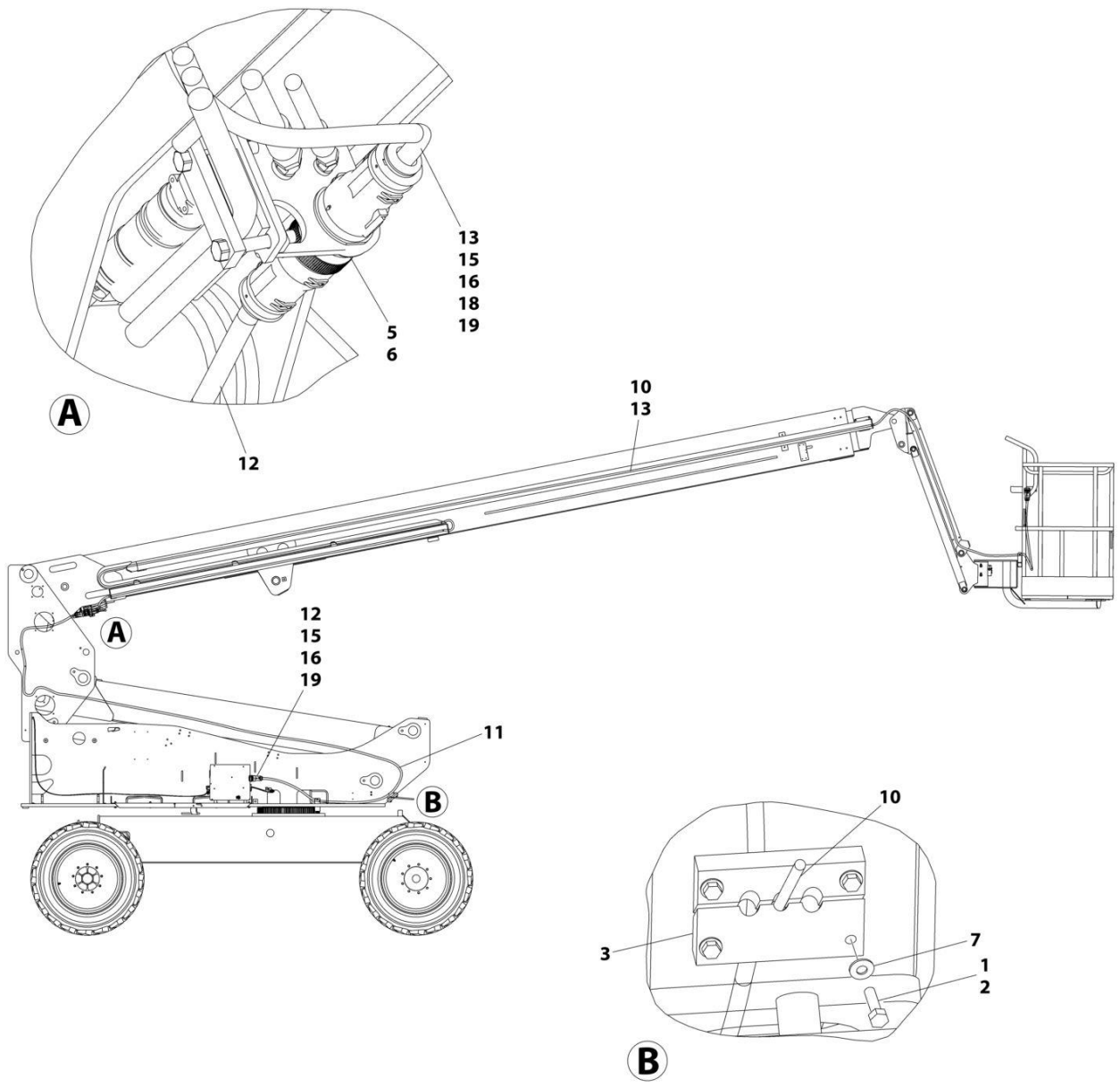


FIGURE 8-24. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS) (CHINA SPEC MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183535	Ref	CABLES AND CLAMPS INSTALLATION (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)	D
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
5	1001205044	1	Washer	
6	1001205043	1	Nut	
7	4711600	4	Washer 3/8	
10	4922937	1	Cable, 12/3	
11	4922938	1	Cable, 12/3	
12	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
13	1001183885	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
14	4240033	AR	Tie-Strap (Not Shown)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

FIGURE 8-25. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (CE & UK CA SPECS)

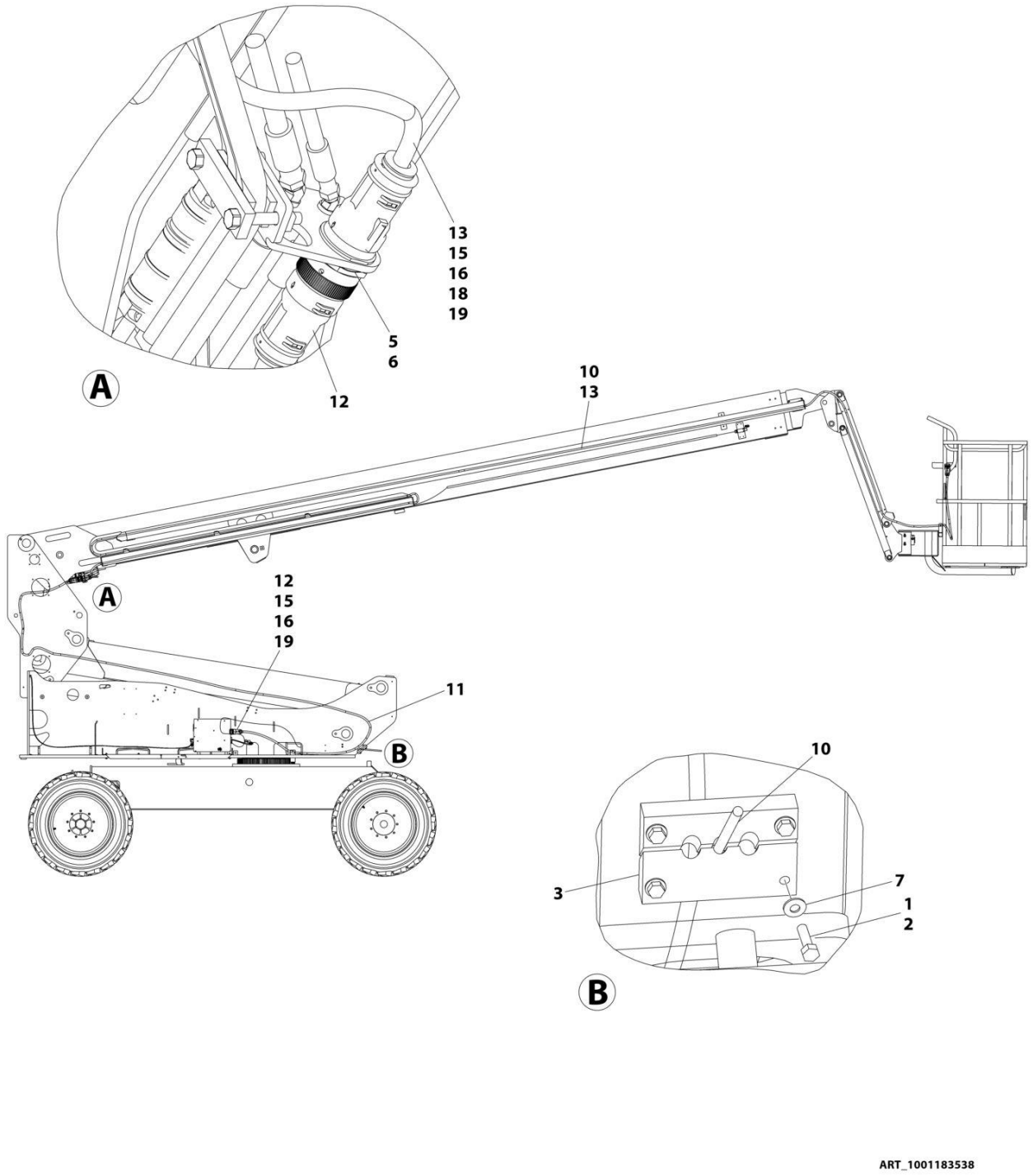


FIGURE 8-25. CABLES AND CLAMPS INSTALLATION (EC600SJ/H600SJ) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183538	Ref	CABLES AND CLAMPS INSTALLATION	D
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
5	1001205044	1	Washer	
6	1001205043	1	Nut	
7	4711600	4	Washer 3/8	
10	4922939	1	Cable, 12/3	
11	4922940	1	Cable, 12/3	
12	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
13	1001183885	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
14	4240033	AR	Tie-Strap (Not Shown)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJ/H600SJ) (CHINA SPECS WITH SN STARTING WITH B3)

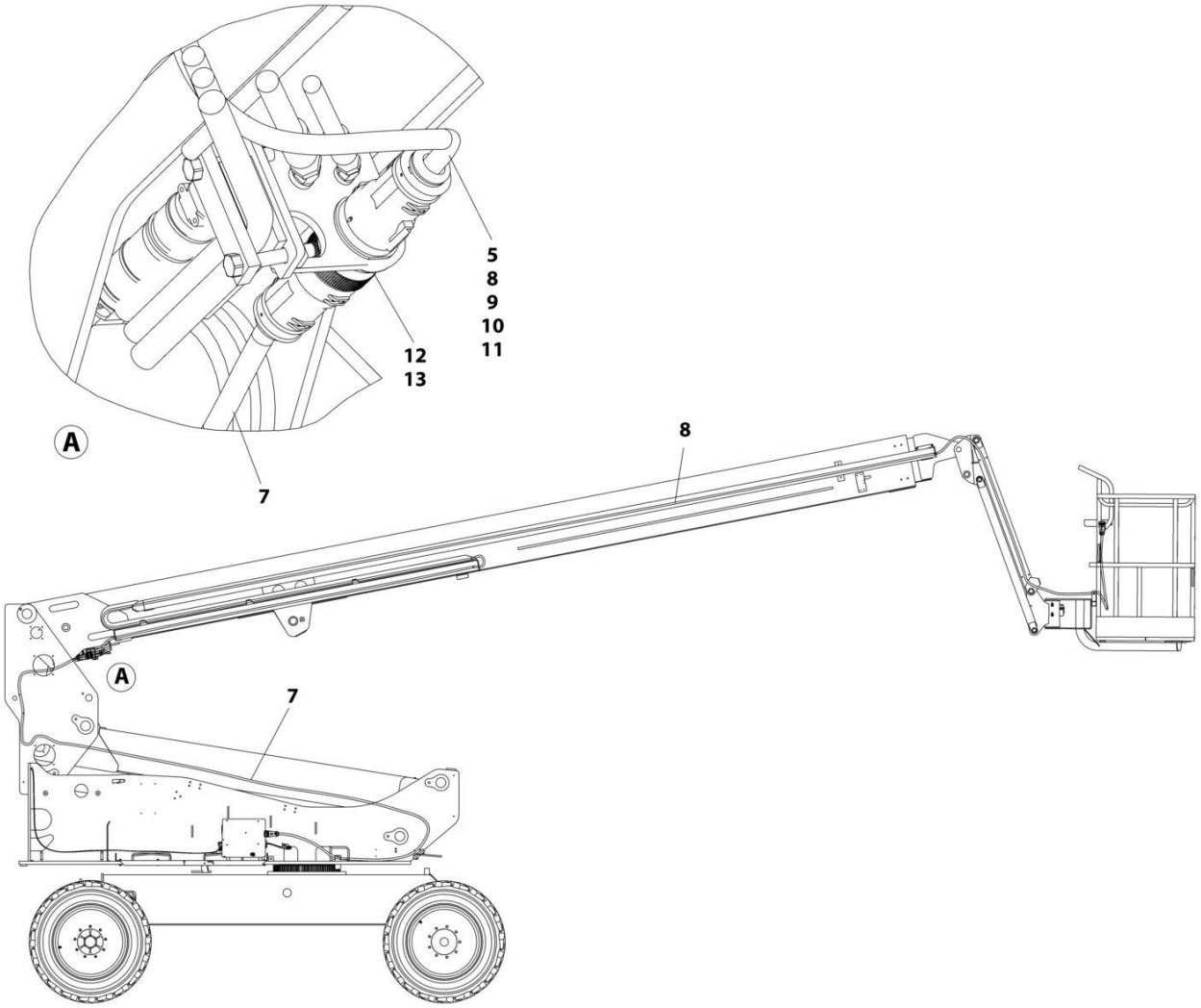


FIGURE 8-26. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJ/H600SJ) (CHINA SPECS WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281442	Ref	CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJ) (CHINA SPECS)	B
4	4240033	AR	Tie-Strap (Not Shown)	
5	4460466	4	Plug, Seal	
7	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
8	1001183885	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
9	1001188291	AR	Connector, Backshell	
10	1001188293	1	Connector - 19 Position	
11	1001188354	AR	Grommet	
12	1001205043	1	Nut	
13	1001205044	1	Washer	

FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - WITH AC CABLE (EC600SJ/H600SJ)(CHINA SPEC WITH SN STARTING WITH B3)

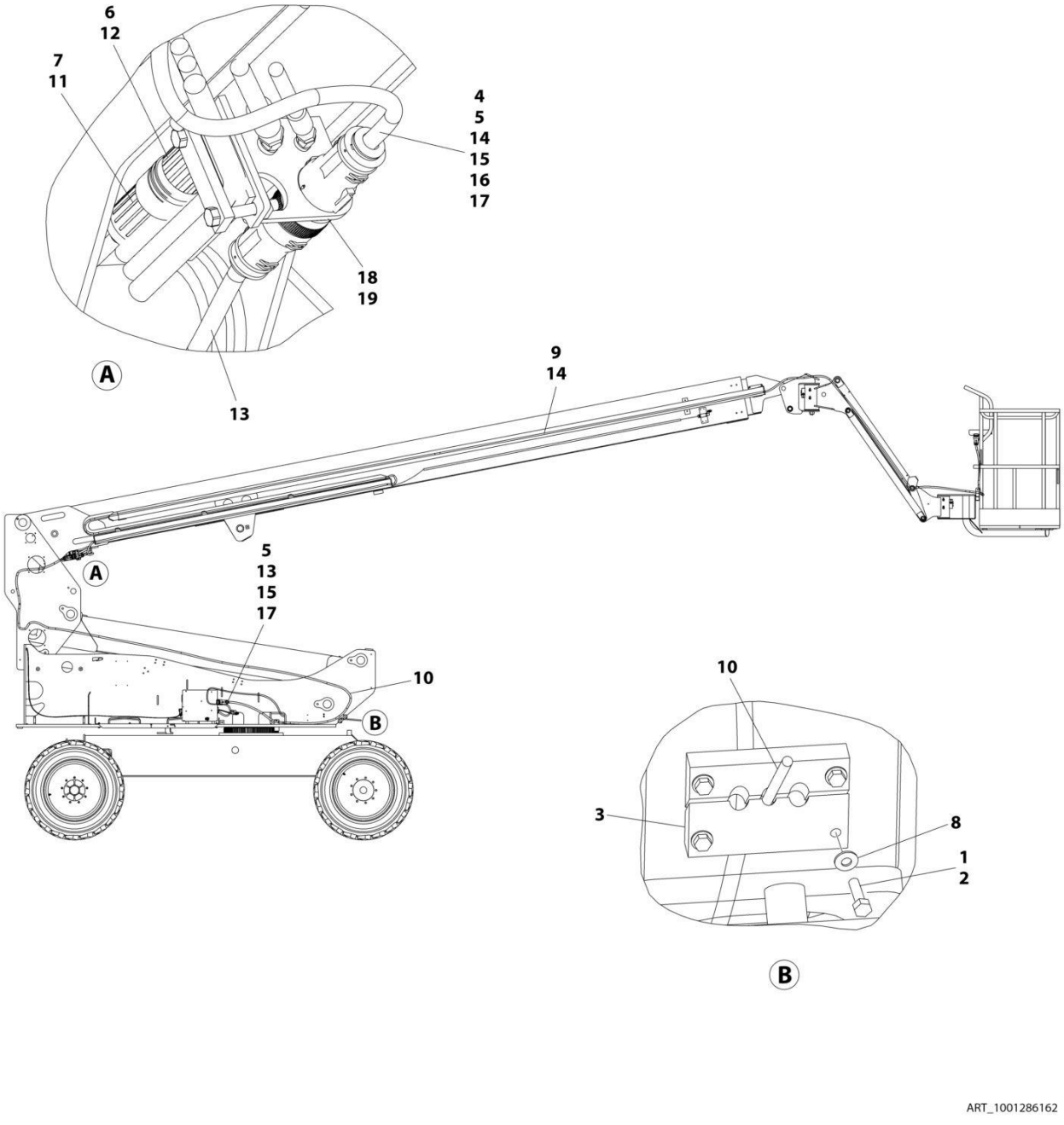


FIGURE 8-27. CABLES AND CLAMPS INSTALLATION - WITH AC CABLE (EC600SJ/H600SJ)(CHINA SPEC WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286162	Ref	CABLES AND CLAMPS INSTALLATION	A
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4240033	AR	Tie-Strap	
5	4460466	AR	Plug, Seal	
6	4460709	1	Connector, Male Twist	
7	4460710	1	Connector, Female Twist	
8	4711600	4	Washer 3/8	
9	4922937	1	Cable, 12/3	
10	4922938	1	Cable, 12/3	
11	1001156351	1	Cover, Female Connector	
12	1001156352	1	Cover, Male Connector	
13	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
14	1001183885	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
15	1001188291	AR	Connector, Backshell	
16	1001188293	1	Connector - 19 Position	
17	1001188354	AR	Grommet	
18	1001205043	1	Nut	
19	1001205044	1	Washer	

FIGURE 8-28. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS) (CHINA SPEC MACHINES WITH SN STARTING WITH 03)

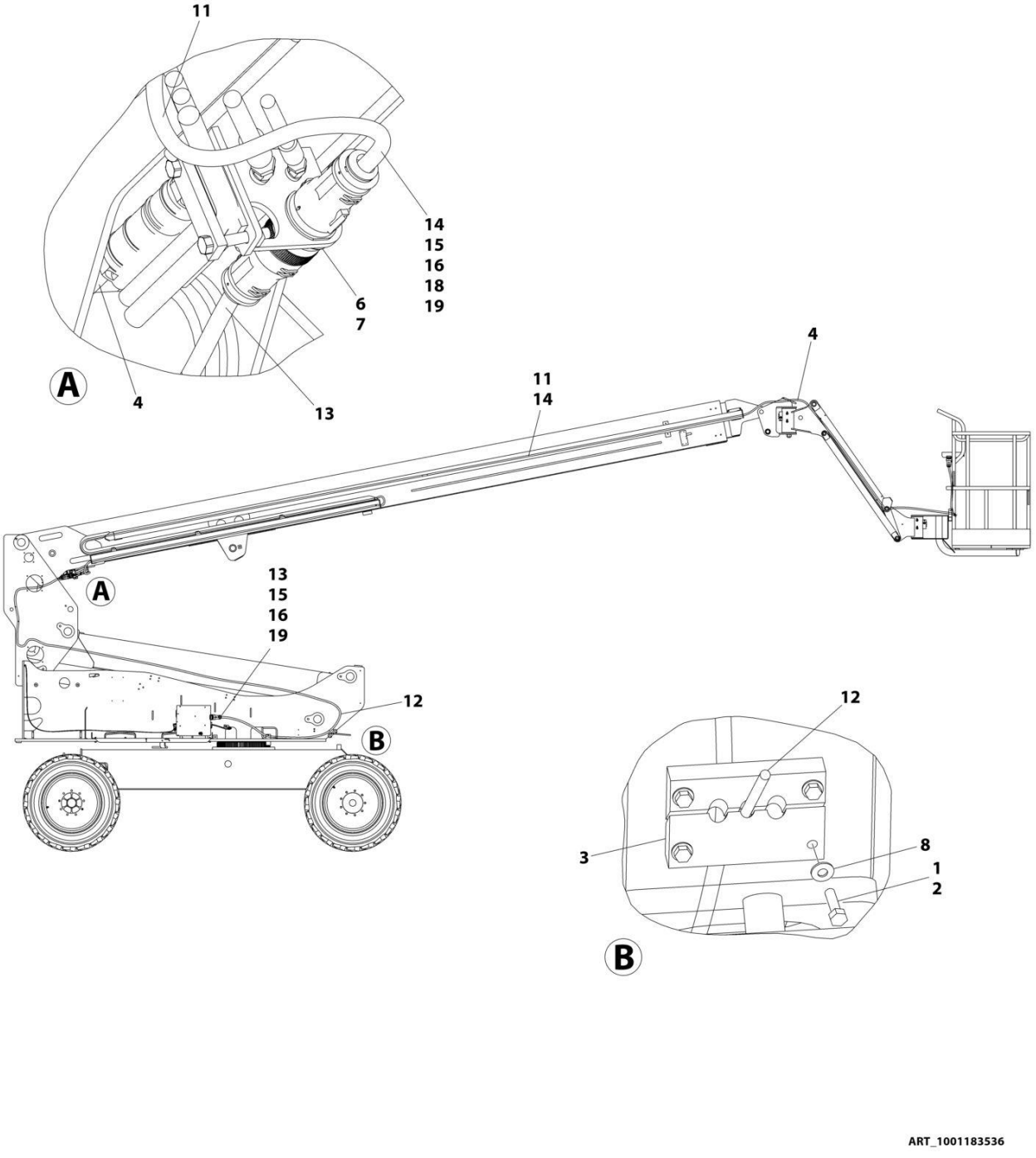


FIGURE 8-28. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS) (CHINA SPEC MACHINES WITH SN STARTING WITH 03)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183536	Ref	CABLES AND CLAMPS INSTALLATION	C
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap (Not Shown)	
6	1001205044	1	Washer	
7	1001205043	1	Nut	
8	4711600	4	Washer 3/8	
11	4922937	1	Cable, 12/3	
12	4922938	1	Cable, 12/3	
13	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
14	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

FIGURE 8-29. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (AUSTRALIAN, CE & UK CA SPECS)

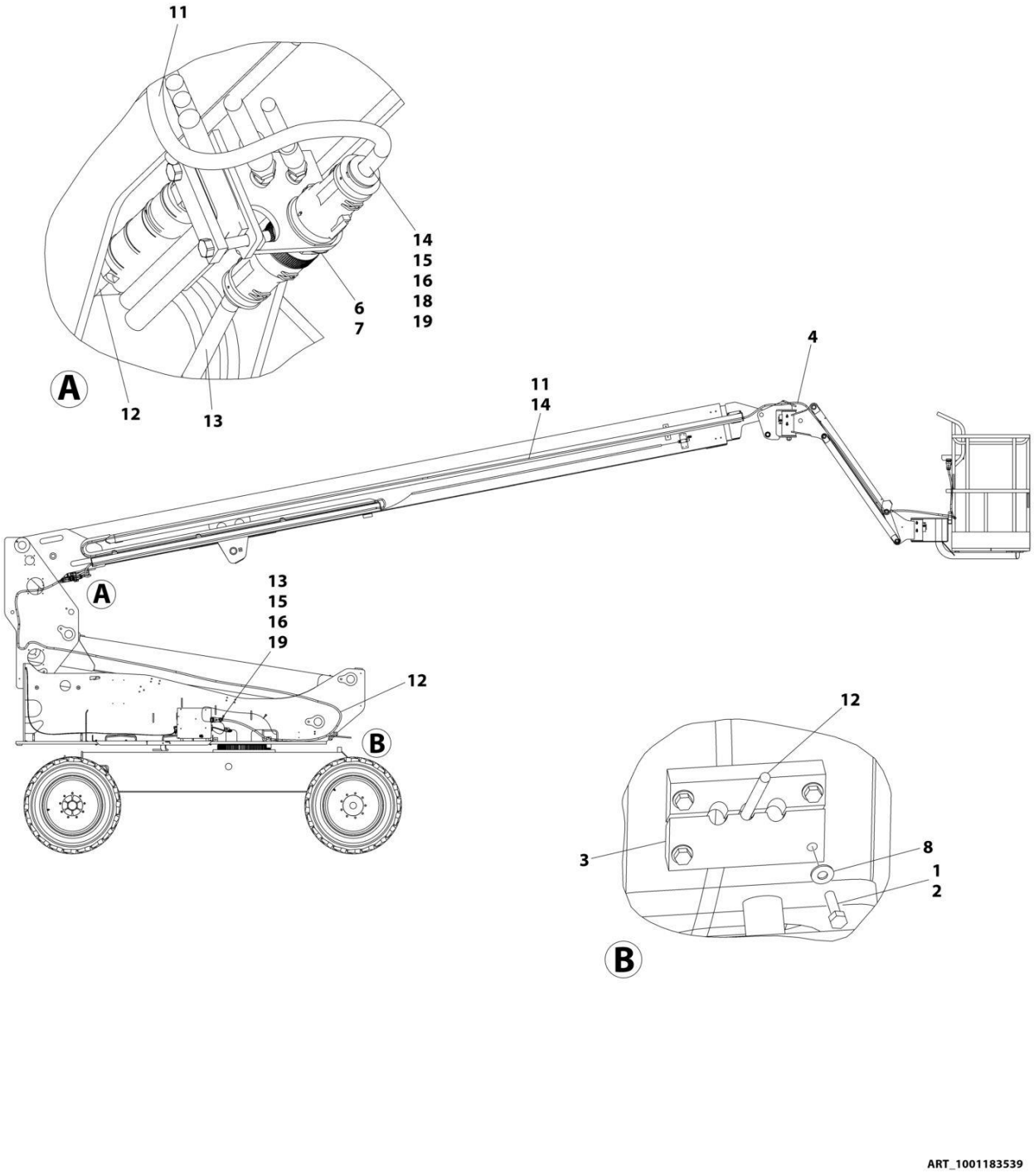


FIGURE 8-29. CABLES AND CLAMPS INSTALLATION (EC600SJP/H600SJP) (AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183539	Ref	CABLES AND CLAMPS INSTALLATION	C
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap (Not Shown)	
6	1001205044	1	Washer	
7	1001205043	1	Nut	
8	4711600	4	Washer 3/8	
11	4922939	1	Cable, 12/3	
12	4922940	1	Cable, 12/3	
13	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
14	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

FIGURE 8-30. CABLES AND CLAMPS INSTALLATION - DUAL AC BOXES (EC600SJP/H600SJP) (CE & UK CA SPECS)

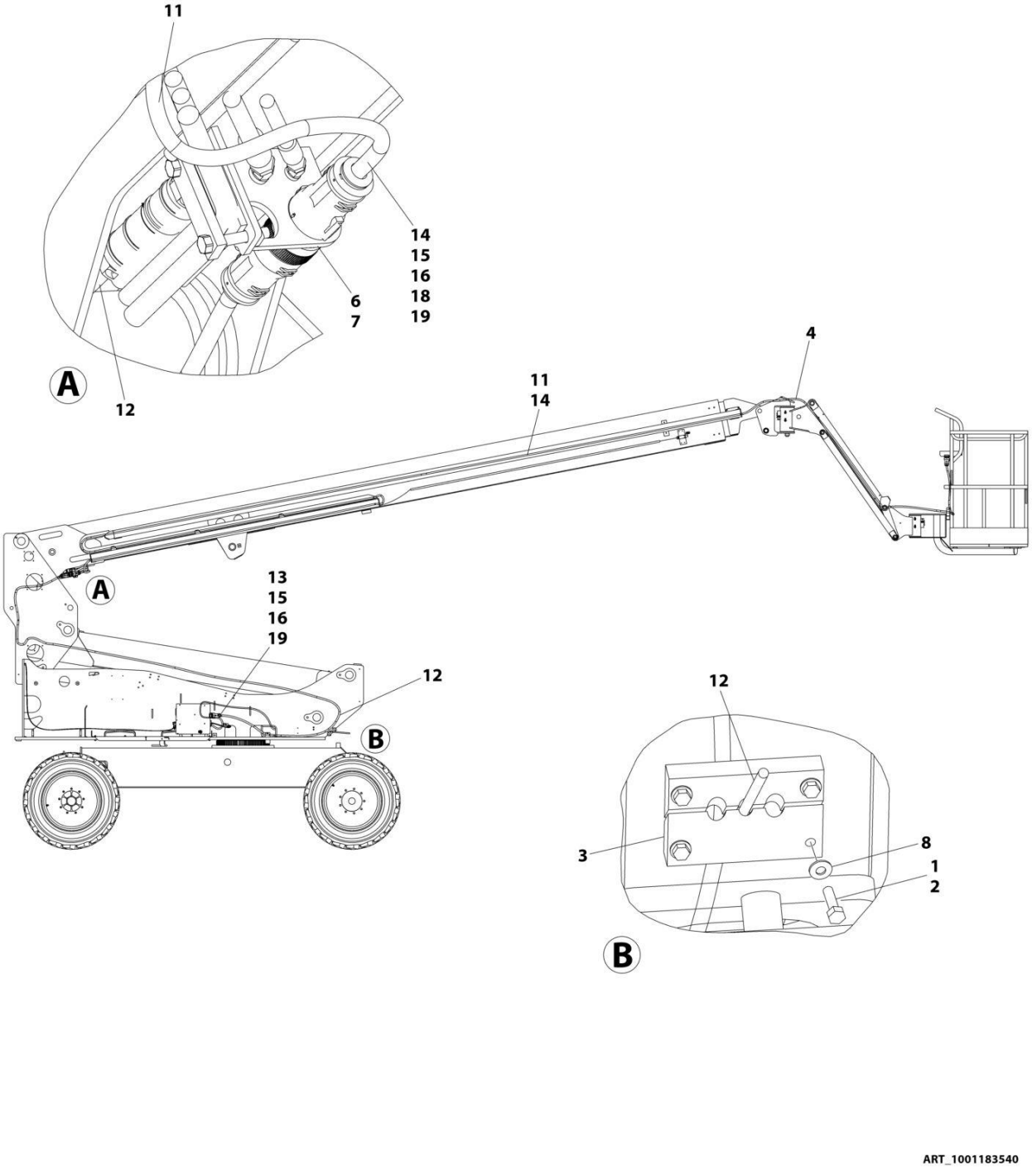


FIGURE 8-30. CABLES AND CLAMPS INSTALLATION - DUAL AC BOXES (EC600SJP/H600SJP) (CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183540	Ref	CABLES AND CLAMPS INSTALLATION	C
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap (Not Shown)	
6	1001205044	1	Washer	
7	1001205043	1	Nut	
8	4711600	4	Washer 3/8	
11	4922939	2	Cable, 12/3	
12	4922940	2	Cable, 12/3	
13	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
14	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
15	4460466	AR	Plug, Seal	
16	1001188291	AR	Connector, Backshell	
18	1001188293	1	Connector - 19 Position	
19	1001188354	AR	Grommet	

FIGURE 8-31. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJP/H600SJP) (CHINA SPECS WITH SN STARTING WITH B3)

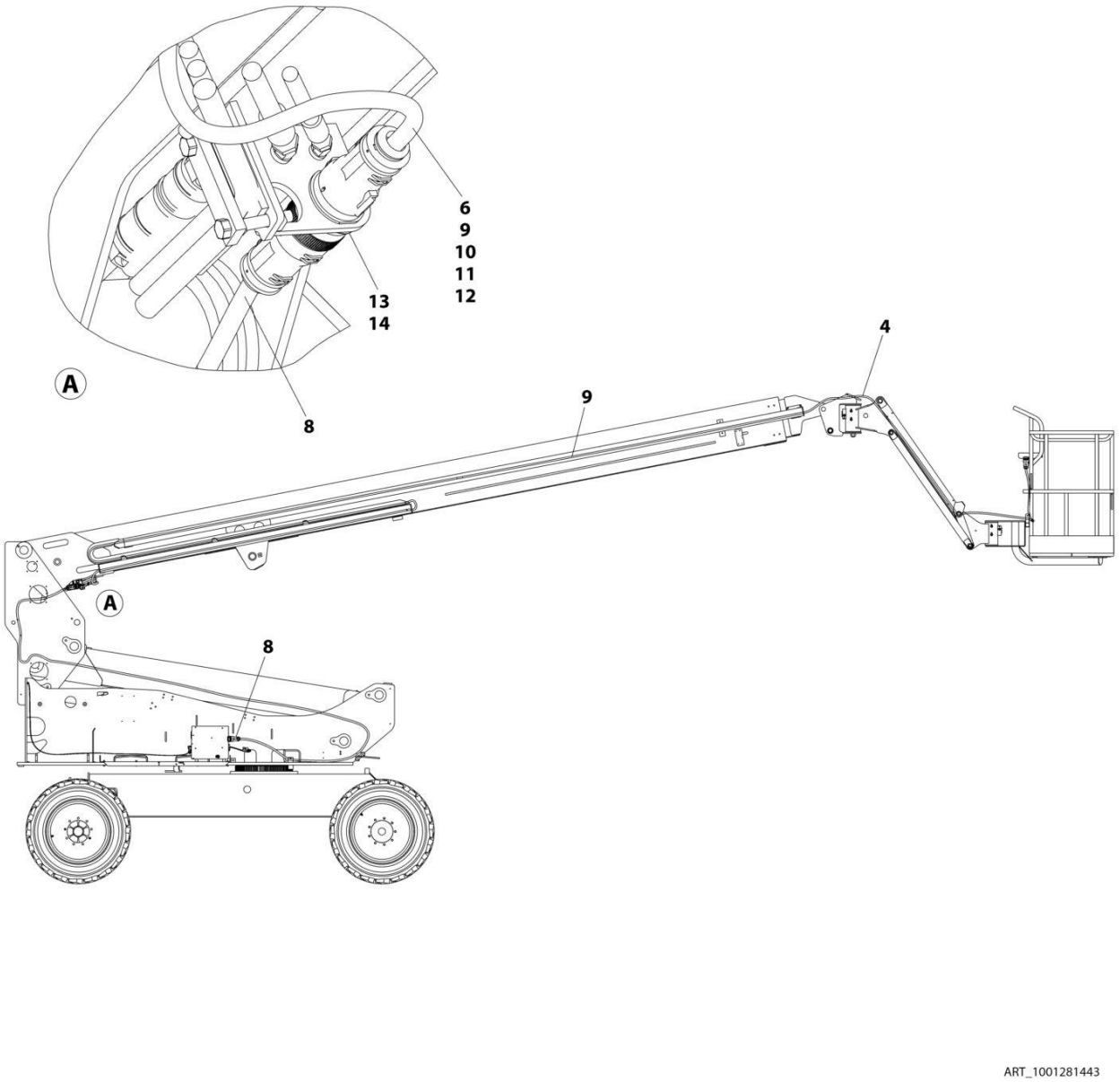


FIGURE 8-31. CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJP/H600SJP) (CHINA SPECS WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001281443	Ref	CABLES AND CLAMPS INSTALLATION - WITHOUT AC CABLE (EC600SJP) (CHINA SPECS)	B
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap (Not Shown)	
6	4460466	4	Plug, Seal	
8	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
9	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
10	1001188291	AR	Connector, Backshell	
11	1001188293	1	Connector - 19 Position	
12	1001188354	AR	Grommet	
13	1001205043	1	Nut	
14	1001205044	1	Washer	

FIGURE 8-32. CABLES AND CLAMPS INSTALLATION - WITH AC CABLE (EC600SJP/H600SJP)(CHINA SPEC WITH SN STARTING WITH B3)

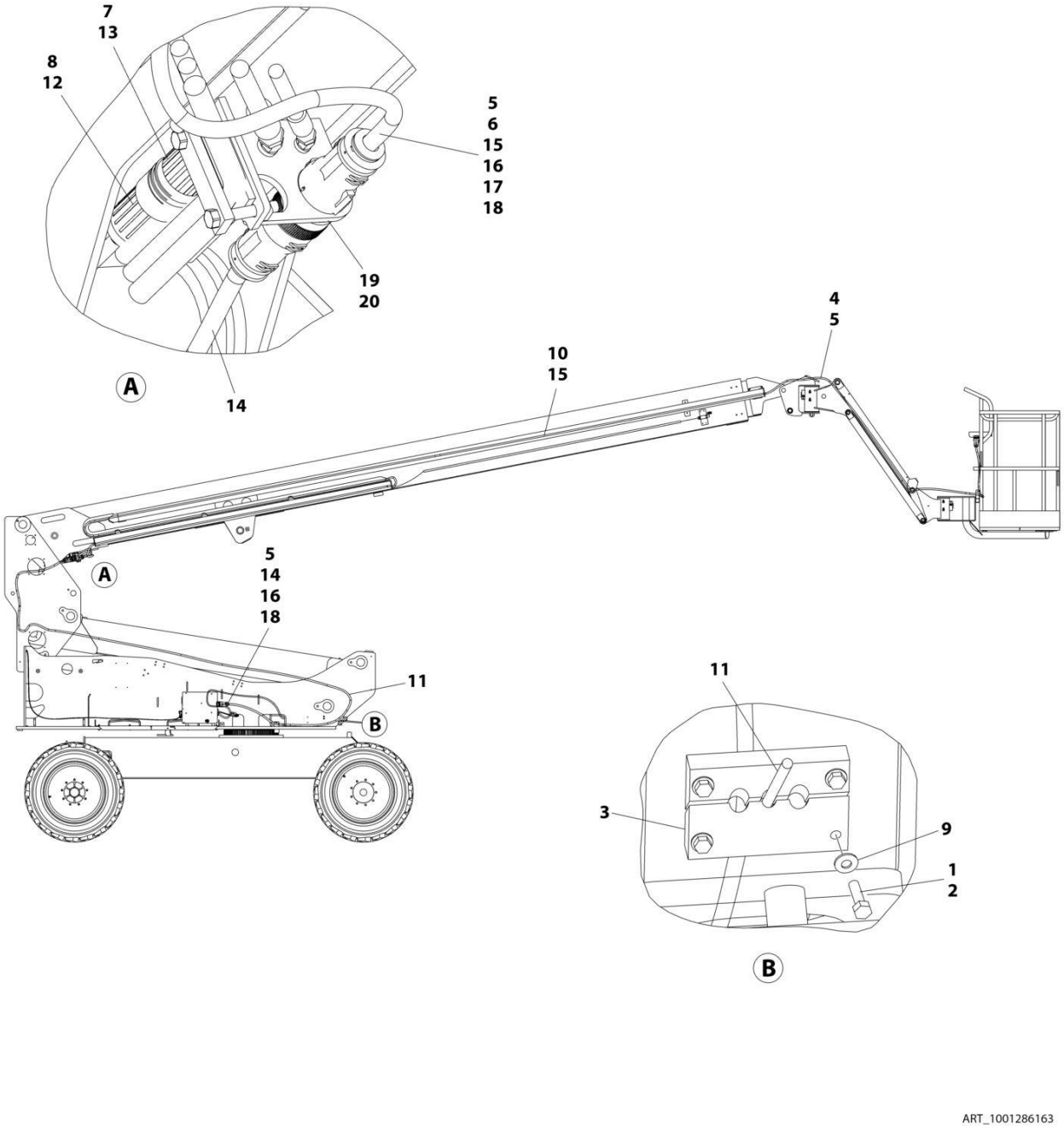


FIGURE 8-32. CABLES AND CLAMPS INSTALLATION - WITH AC CABLE (EC600SJP/H600SJP)(CHINA SPEC WITH SN STARTING WITH B3)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286163	Ref	CABLES AND CLAMPS INSTALLATION	A
1	0100011	AR	Locking, Compound	
2	0641612	4	Bolt 3/8 x 1-1/2	
3	1320256	1	Clamp, Block	
4	4100026	1	Sleeve, Hose Protector	
5	4240033	AR	Tie-Strap	
6	4460466	AR	Plug, Seal	
7	4460709	1	Connector, Male Twist	
8	4460710	1	Connector, Female Twist	
9	4711600	4	Washer 3/8	
10	4922937	1	Cable, 12/3	
11	4922938	1	Cable, 12/3	
12	1001156351	1	Cover, Female Connector	
13	1001156352	1	Cover, Male Connector	
14	1001183882	1	Boom Cable - Lower (See Separate Breakdown in this Section)	
15	1001183884	1	Boom Cable - Upper (See Separate Breakdown in this Section)	
16	1001188291	AR	Connector, Backshell	
17	1001188293	1	Connector - 19 Position	
18	1001188354	AR	Grommet	
19	1001205043	1	Nut	
20	1001205044	1	Washer	

FIGURE 8-33. CAN JUMPER HARNESS

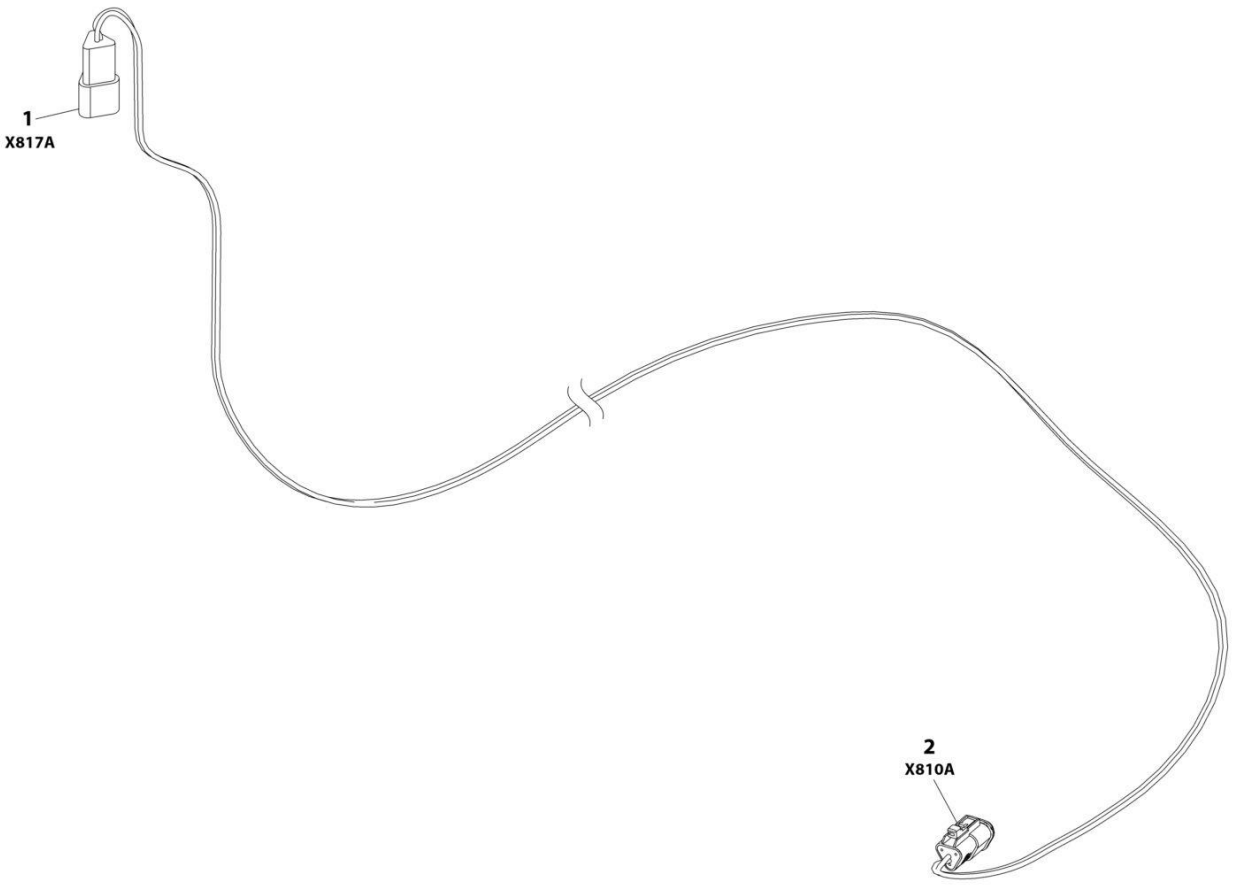


FIGURE 8-33. CAN JUMPER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259548	Ref	CAN JUMPER HARNESS	A
1	1001144147	1	Connector	
1	4460943	2	Socket	
1	4460466	1	Plug	
2	1001116812	1	Connector	
2	4460944	2	Socket	
2	4460466	1	Plug	

FIGURE 8-34. CENTRAL PANEL CAN BUSS HARNESS

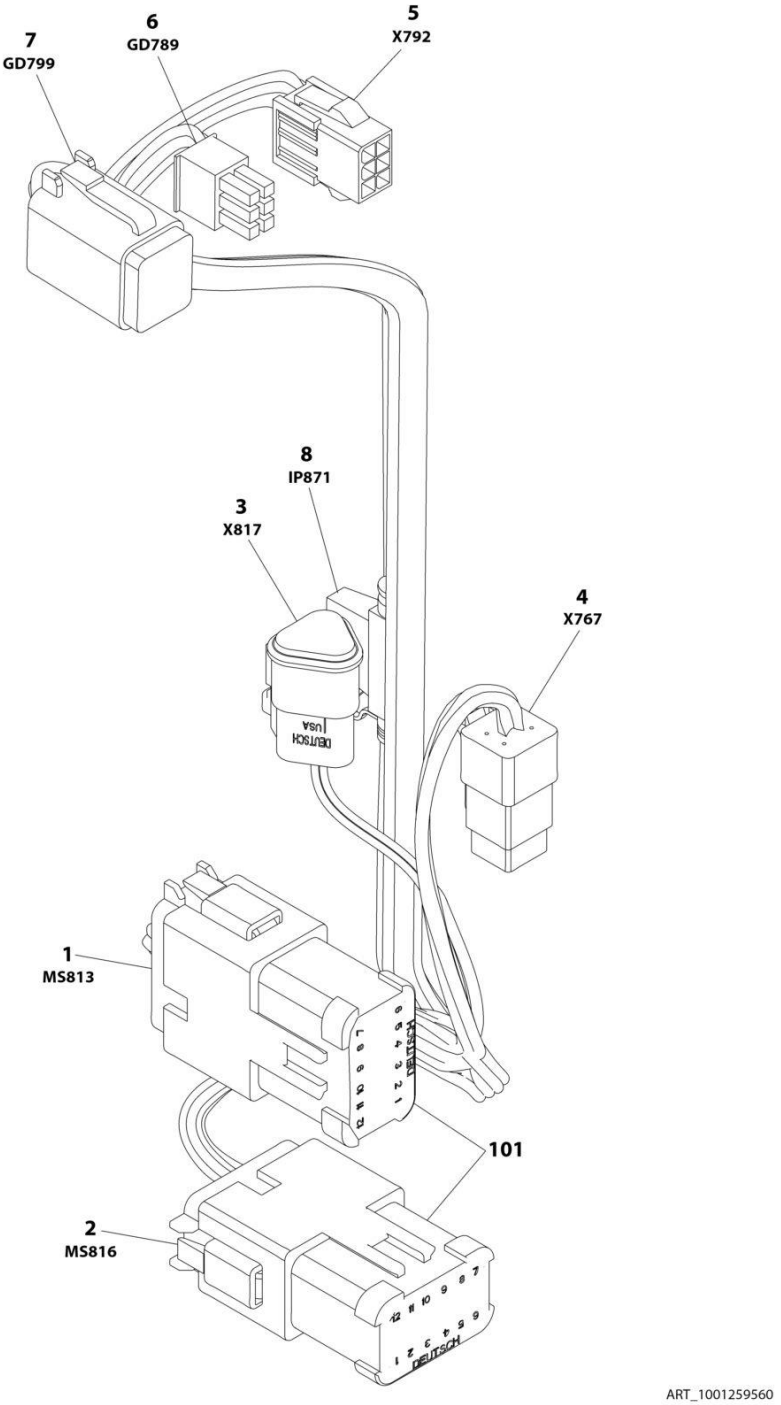


FIGURE 8-34. CENTRAL PANEL CAN BUSS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259560	Ref	CENTRAL PANEL CAN BUSS HARNESS	C
1	4460933	1	Connector	
1	4460465	10	Socket	
1	4460466	2	Plug	
2	4460933	1	Connector	
2	4460465	8	Socket	
2	4460466	4	Plug	
3	1001116812	1	Connector	
3	4460944	2	Socket	
3	4460466	1	Plug	
4	4461077	1	Connector	
4	4460928	2	Socket	
4	4460918	2	Socket	
5	1001132049	1	Connector	
5	1001132050	4	Pin	
6	4460868	1	Connector	
6	4460877	4	Socket	
7	4460894	1	Connector	
7	4460465	4	Socket	
7	4460466	2	Plug	
8	2400060	1	Holder, Fuse	
8	8229242	1	Fuse, 5 Amp	
101	1001125677	2	Connector	

FIGURE 8-35. CHARGER CORD PLUG INSTALLATION - 110V - IEC YELLOW (CE & UK CA SPEC)

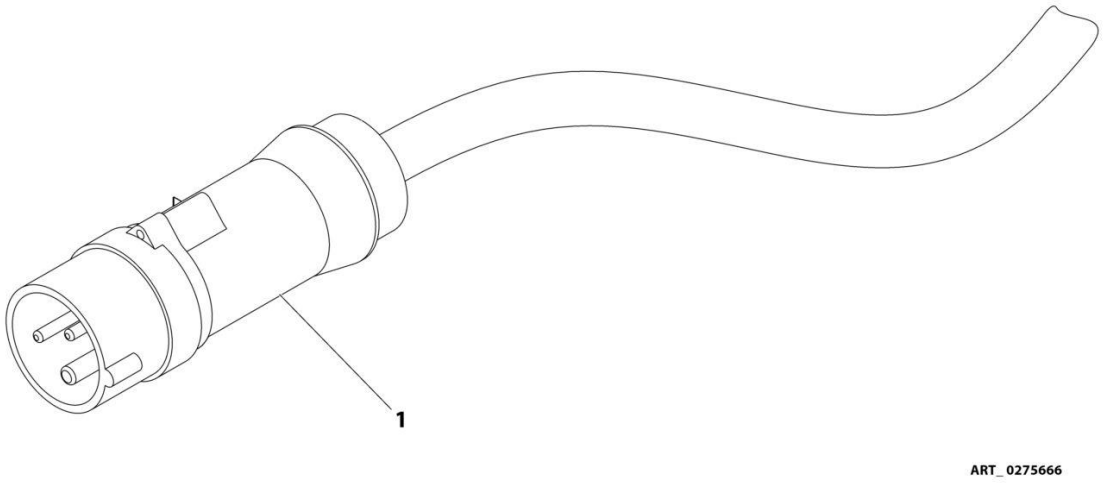


FIGURE 8-35. CHARGER CORD PLUG INSTALLATION - 110V - IEC YELLOW (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275666	Ref	CHARGER CORD PLUG INSTALLATION - 110V IEC YELLOW PLUG	B
1	4461196	1	Plug	

FIGURE 8-36. CHARGER CORD PLUG INSTALLATION - 220V - IEC BLUE (CE & UK CA SPEC)

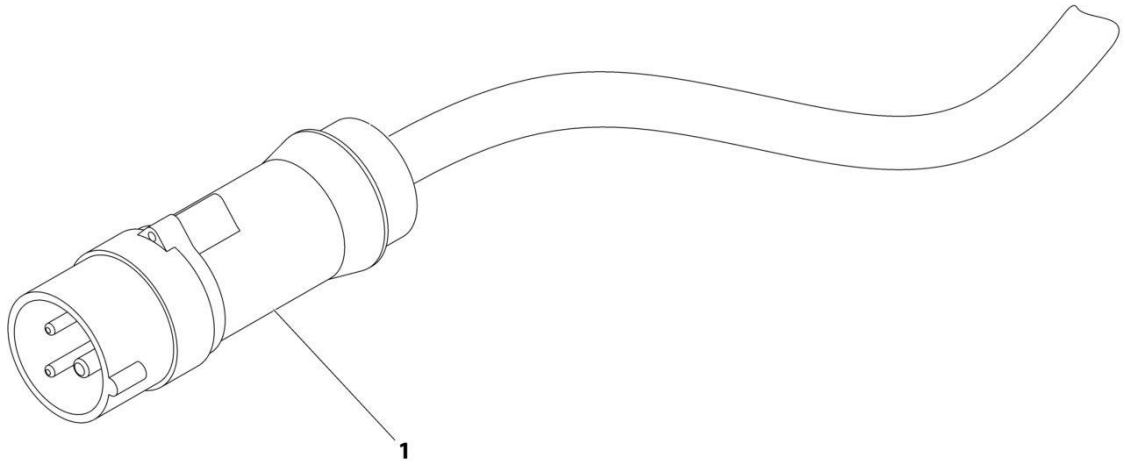
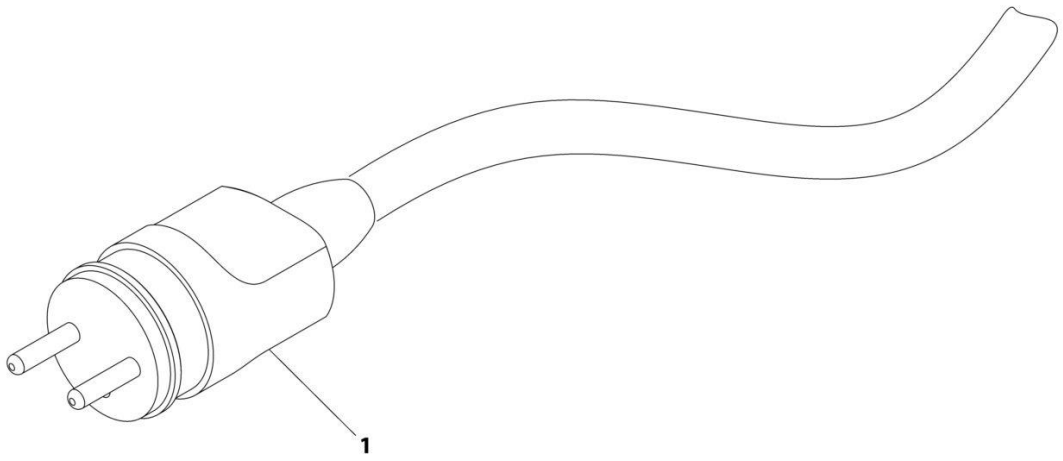


FIGURE 8-36. CHARGER CORD PLUG INSTALLATION - 220V - IEC BLUE (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275667	Ref	CHARGER CORD PLUG INSTALLATION - 220V IEC BLUE PLUG	B
1	4461199	1	Plug	

FIGURE 8-37. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE & UK CA SPEC)



ART_0275663-C

FIGURE 8-37. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 POST GROUND (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275663	Ref	CHARGER CORD PLUG INSTALLATION - 220V POST GROUND	C
1	4461205	1	Plug	

FIGURE 8-38. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE & UK CA SPEC)

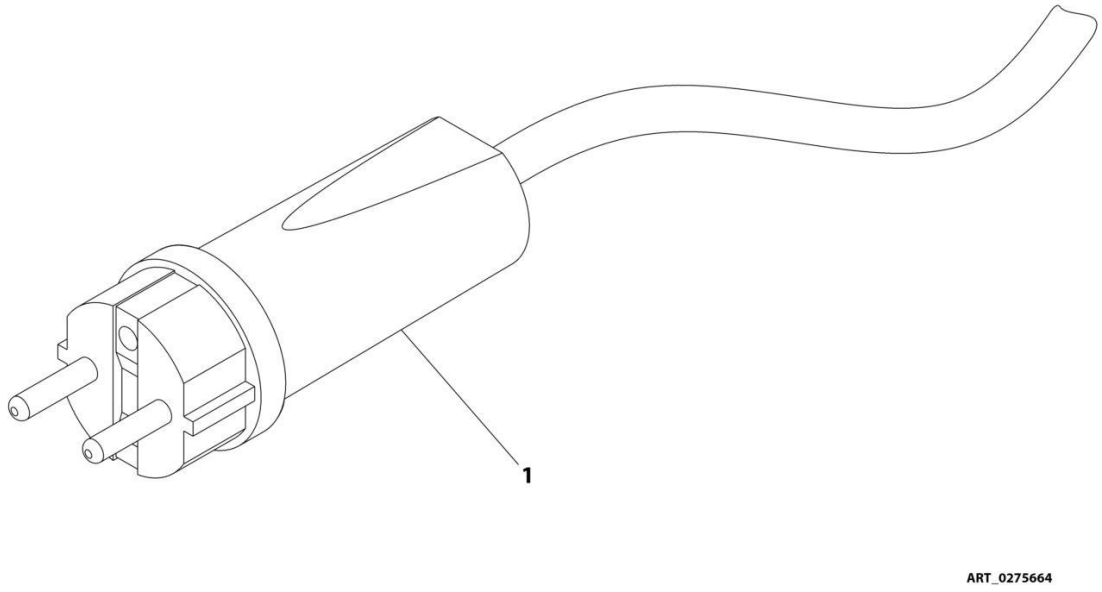


FIGURE 8-38. CHARGER CORD PLUG INSTALLATION - 220V - CEE7 SIDE GROUND (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275664	Ref	CHARGER CORD PLUG INSTALLATION - 220V CEE7 SIDE GROUND	A
1	4461205	1	Plug	

FIGURE 8-39. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT 107 KEYED GROUND (CE & UK CA SPEC)

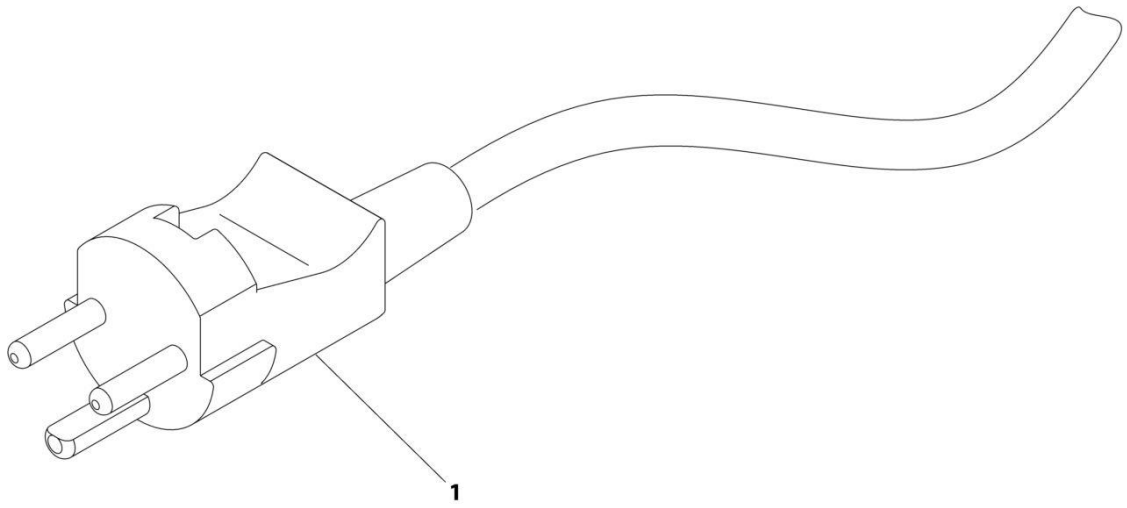


FIGURE 8-39. CHARGER CORD PLUG INSTALLATION - 220V - AFSINT 107 KEYED GROUND (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275665	Ref	CHARGER CORD PLUG INSTALLATION - 220V AFSINT 107 KEYED GROUND	B
1	4461249	1	Plug	

FIGURE 8-40. CHARGER CORD PLUG INSTALLATION (CHINA SPEC)

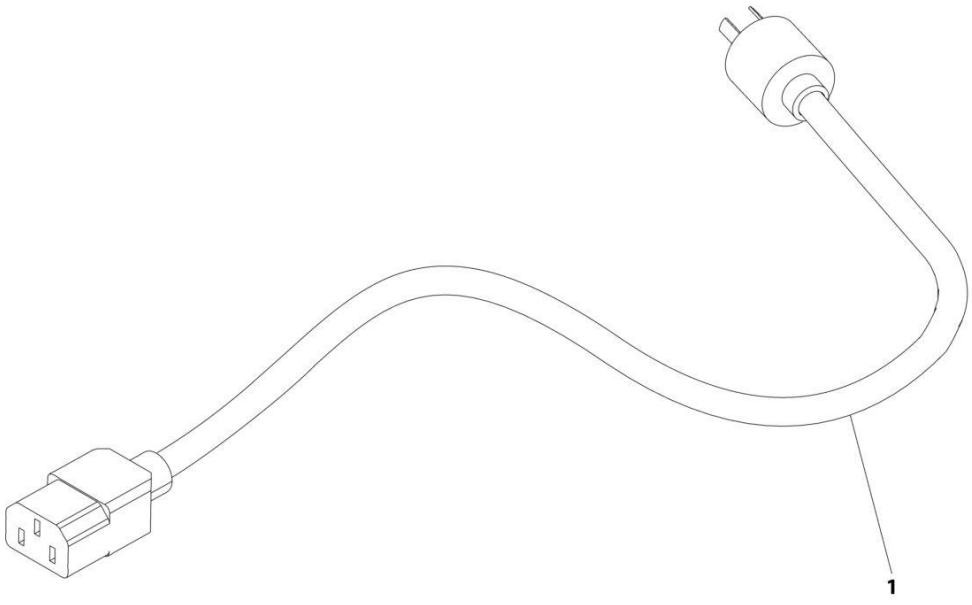


FIGURE 8-40. CHARGER CORD PLUG INSTALLATION (CHINA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253917	Ref	CHARGER CORD PLUG INSTALLATION - CHINA PLUG	A
1	1001187816	1	Plug	

FIGURE 8-41. CHARGER DC CONNECTION HARNESS

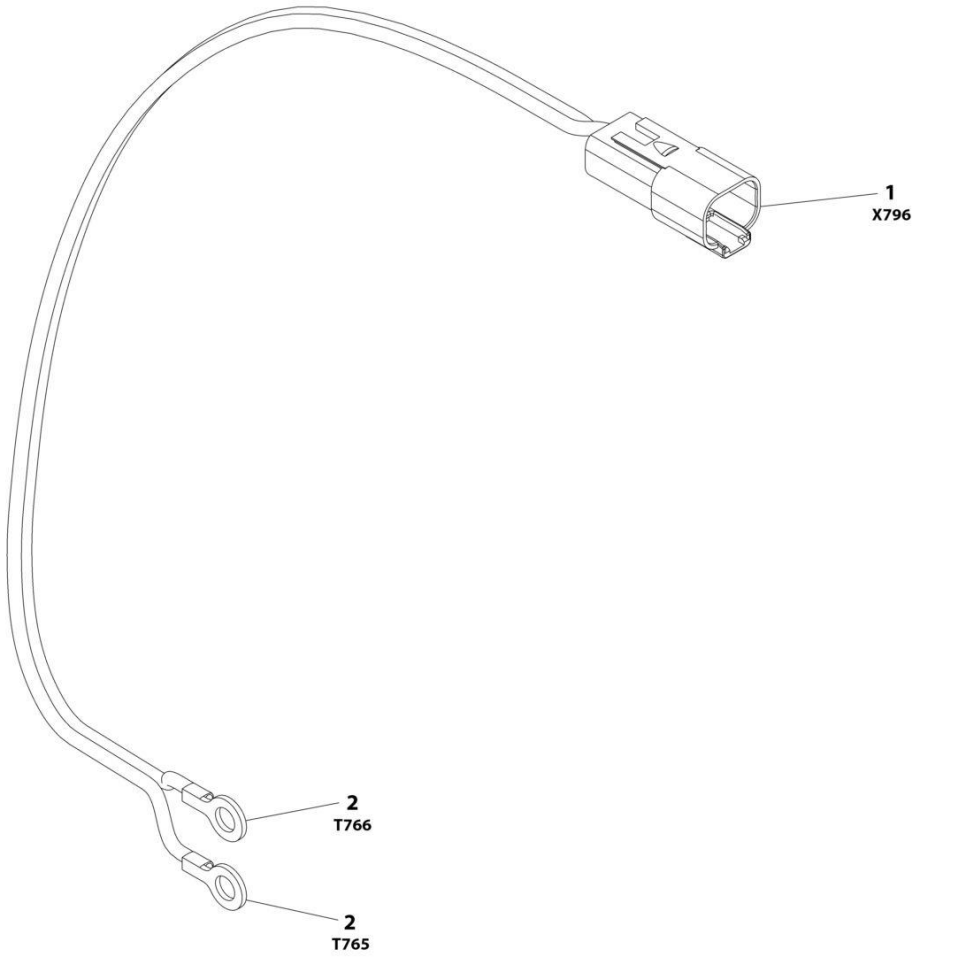


FIGURE 8-41. CHARGER DC CONNECTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001260408	Ref	CHARGER DC CONNECTION HARNESS	A
1	1001116811	1	Connector	
1	4460508	2	Pin	
1	4460466	2	Plug	
2	4460312	2	Terminal Ring	

FIGURE 8-42. CHARGER HARNESS

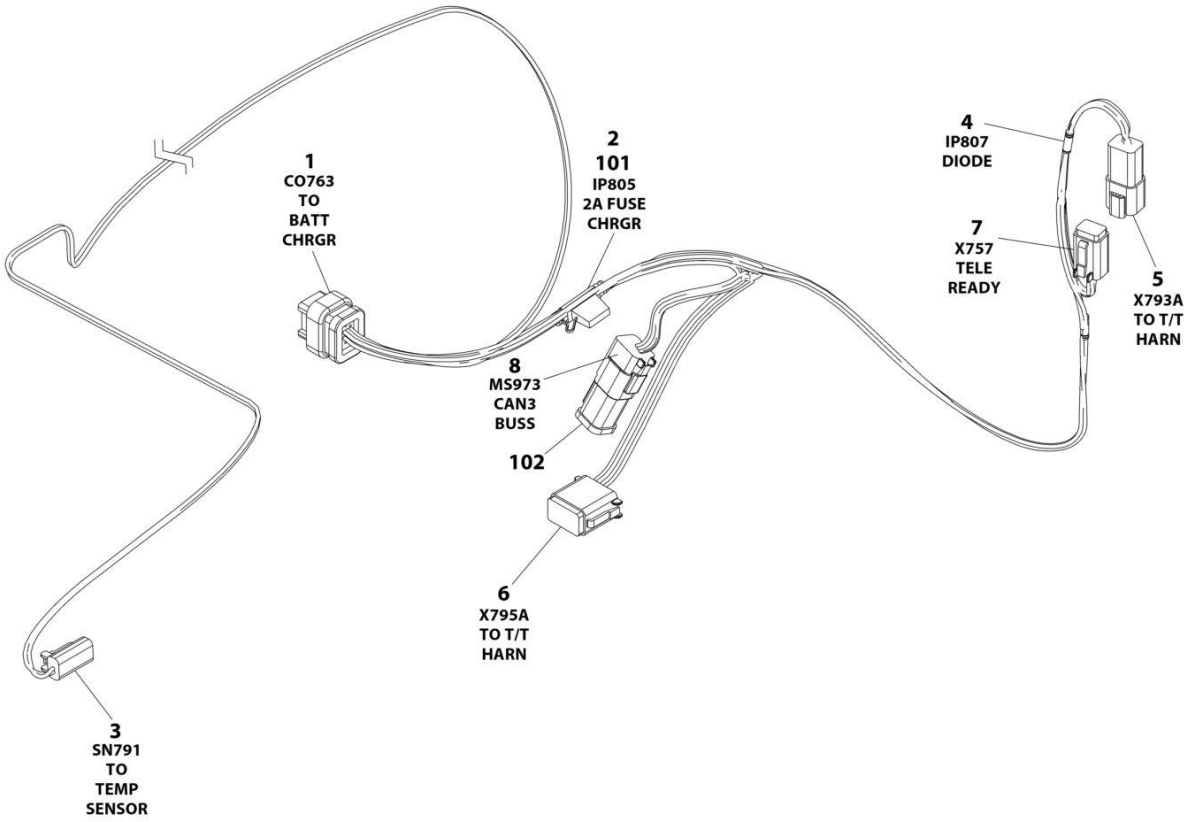
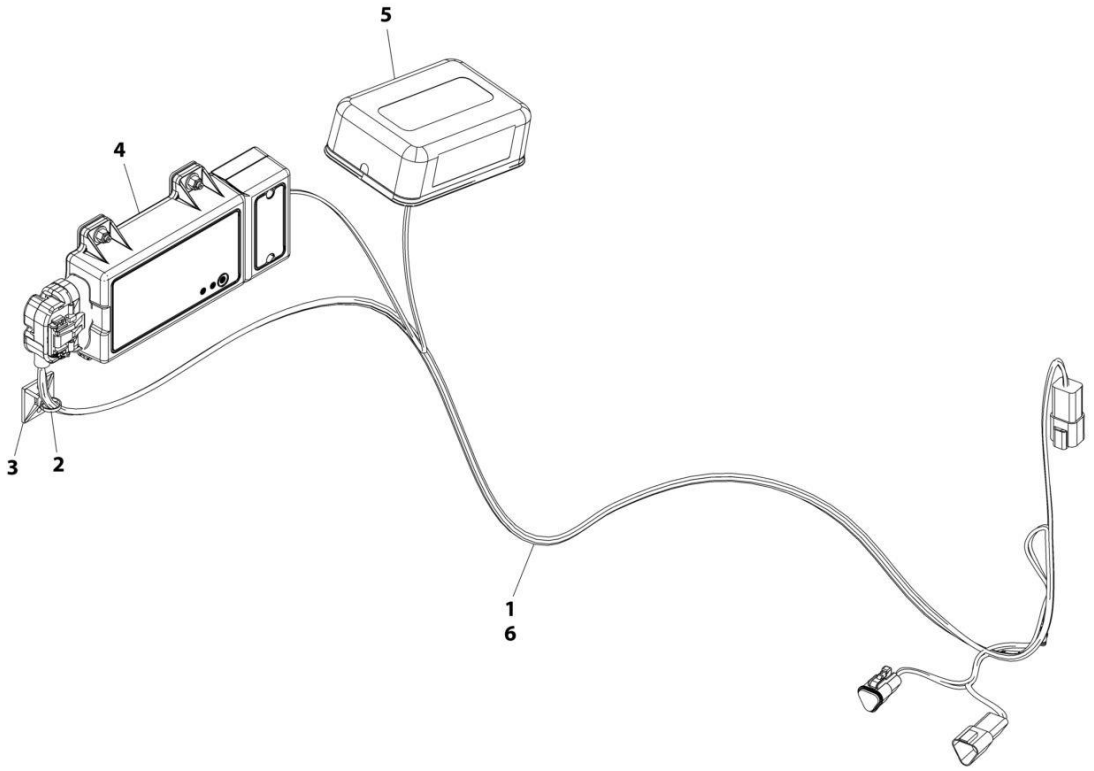


FIGURE 8-42. CHARGER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289963	Ref	CHARGER HARNESS	A
1	4460872	1	Connector - 14 Position	
1	4460905	5	Plug	
1	4460871	9	Socket	
2	2400060	1	Fuseholder with Cover	
3	4460891	1	Connector - 2 Position	
3	4460465	2	Socket	
4	3990001	1	Diode	
5	4460932	1	Connector - 4 Position	
5	4460464	4	Pin	
6	4460930	1	Connector - 8 Position	
6	4460465	7	Socket	
6	4460466	1	Plug	
7	4460884	1	Connector	
7	4460465	4	Socket	
8	4460894	1	Connector - 6 Position	
8	4460465	6	Socket	
101	1001196634	1	Fuse, 2AMP	
102	1001226541	1	Connector, Bussbar - 6 Position	

FIGURE 8-43. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (ALL SPECS EXCEPT CHINA SPECS)



ART_1001235649

FIGURE 8-43. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (ALL SPECS EXCEPT CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235649	Ref	CLEARSKY INSTALLATION CANBUS CONNECTION	B
1	1062255	AR	Tie, Strap	
2	4240032	AR	Tie, Strap	
3	4460234	AR	Strap, Cable Tie	
4	1001262322	1	Telematics Control Module (Note: Re-calibration Required when Replaced)	
5	1001262326	1	Antenna	
6	1001235091	1	ClearSky Harness (See Separate Breakdown in this section)	

FIGURE 8-44. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (ANSI EXPORT, CE & UK CA SPECS)

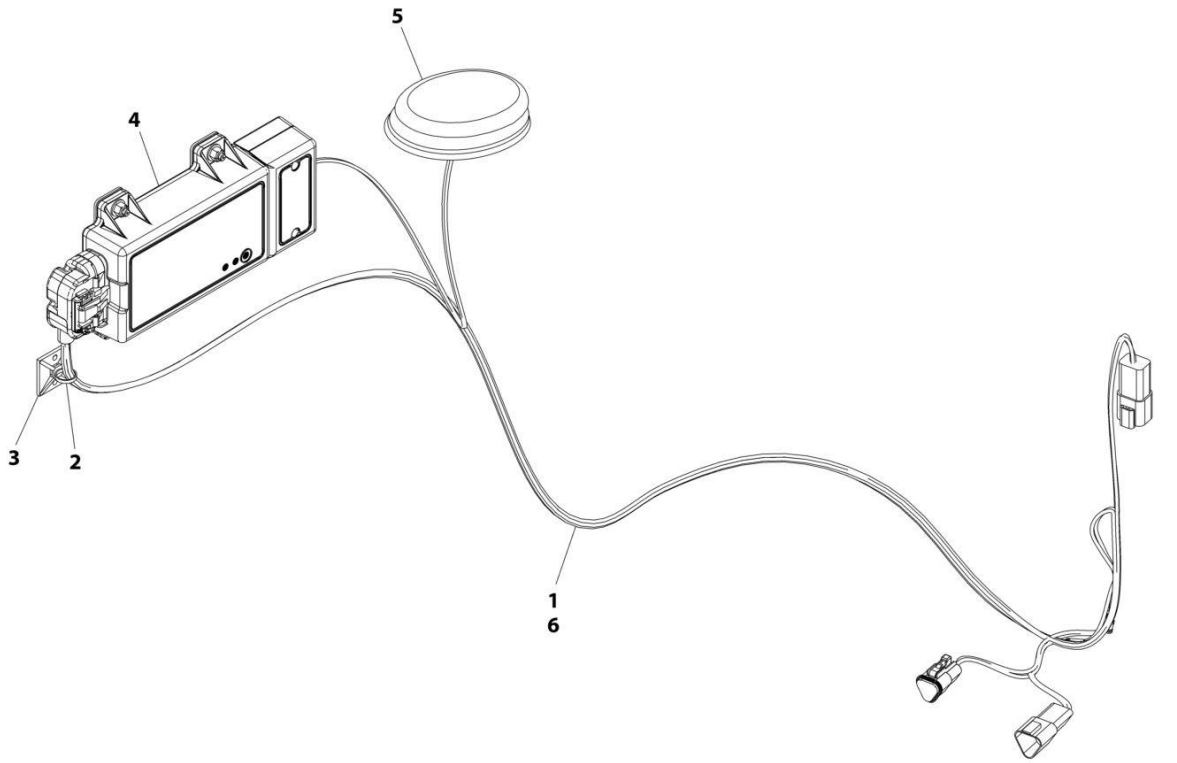


FIGURE 8-44. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (ANSI EXPORT, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236535	Ref	CLEARSKY INSTALLATION CANBUS CONNECTION	A
1	1062255	AR	Tie, Strap	
2	4240032	AR	Tie, Strap	
3	4460234	AR	Strap, Cable Tie	
4	1001228954	1	Telematics Control Module (Note: Re-calibration Required when Replaced)	
5	1001226799	1	Antenna	
6	1001235091	1	ClearSky Harness (See Separate Breakdown in this section)	

FIGURE 8-45. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (AUSTRALIAN SPECS)

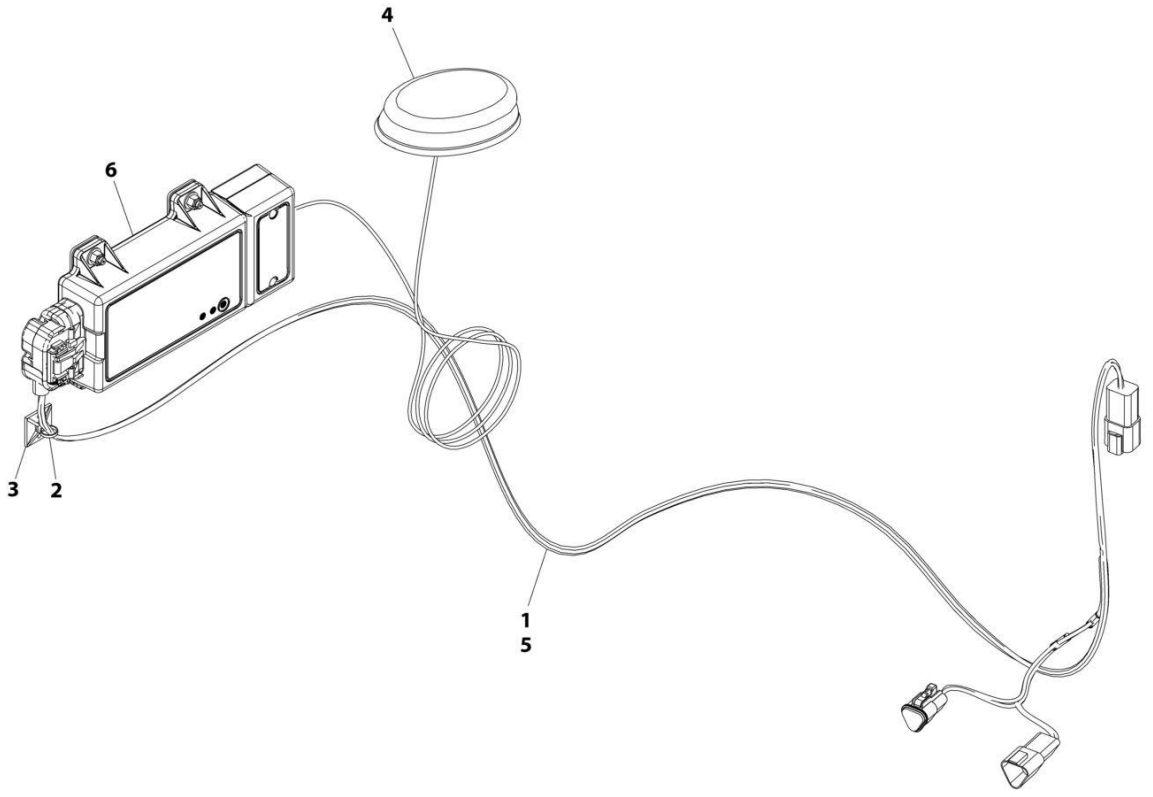


FIGURE 8-45. CLEARSKY INSTALLATION - 3G CANBUS CONNECTION (AUSTRALIAN SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246541	Ref	CLEARSKY INSTALLATION CANBUS CONNECTION	A
1	1062255	AR	Tie, Strap	
2	4240032	AR	Tie, Strap	
3	4460234	AR	Strap, Cable Tie	
4	1001226799	1	Antenna	
5	1001235091	1	ClearSky Harness (See Separate Breakdown in this section)	
6	1001246144	1	Telematics Control Module (Note: Re-calibration Required when Replaced)	

FIGURE 8-46. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (CHINA SPECS)

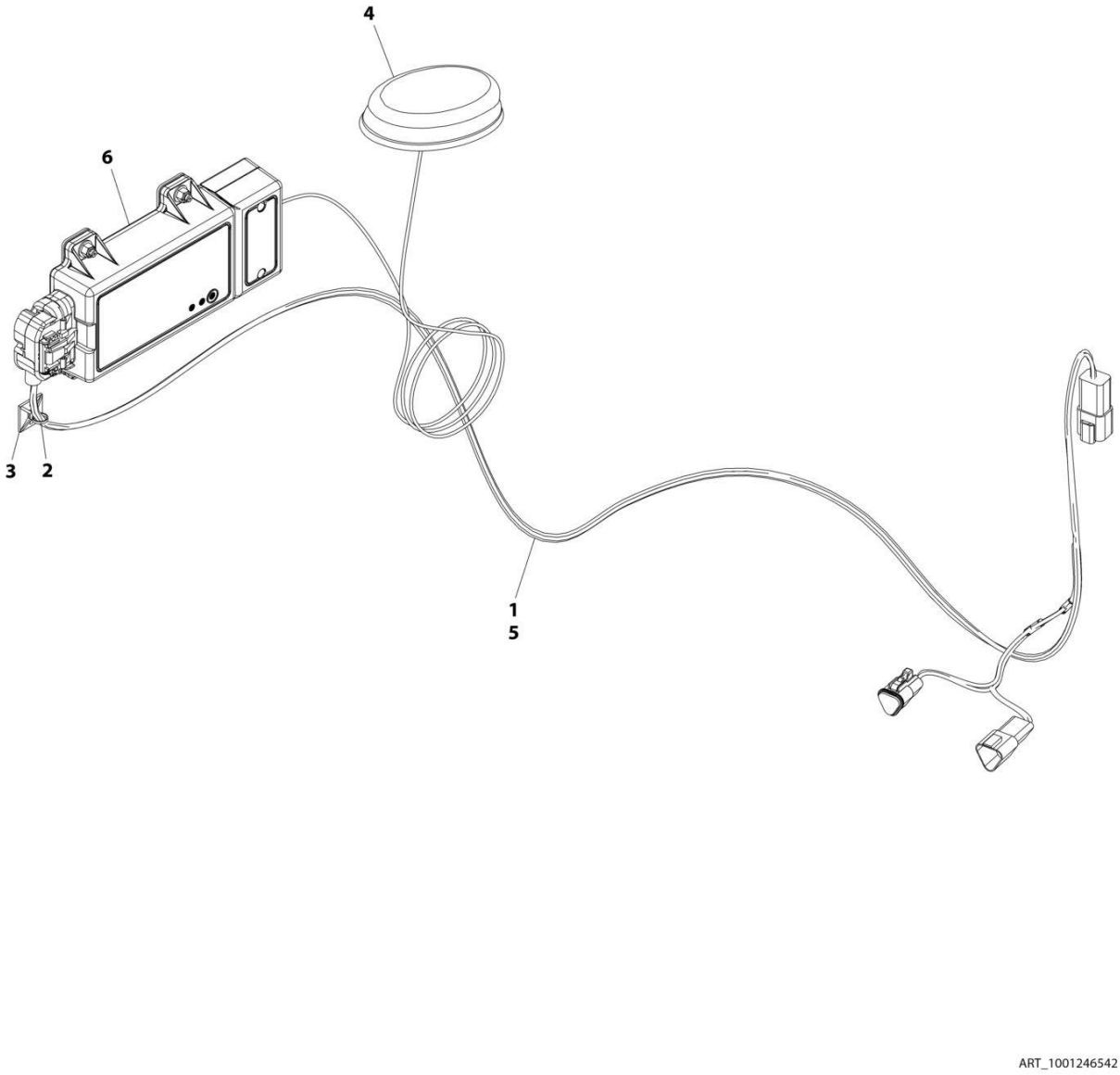
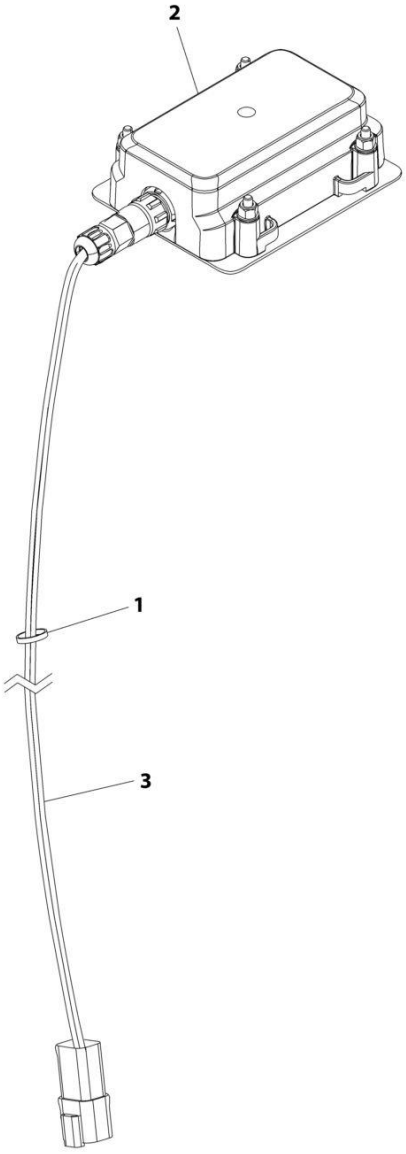


FIGURE 8-46. CLEARSKY INSTALLATION - 4G CANBUS CONNECTION (CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001246542	Ref	CLEARSKY INSTALLATION CANBUS CONNECTION	A
1	1062255	AR	Tie, Strap	
2	4240032	AR	Tie, Strap	
3	4460234	AR	Strap, Cable Tie	
4	1001226799	1	Antenna	
5	1001235091	1	ClearSky Harness (See Separate Breakdown in this section)	
6	1001246145	1	Telematics Control Module (Note: Re-calibration Required when Replaced)	

FIGURE 8-47. CLEARSKY INSTALLATION 3-WIRE CONNECTION (ALL SPECS EXCEPT UL AND CHINA SPECS)

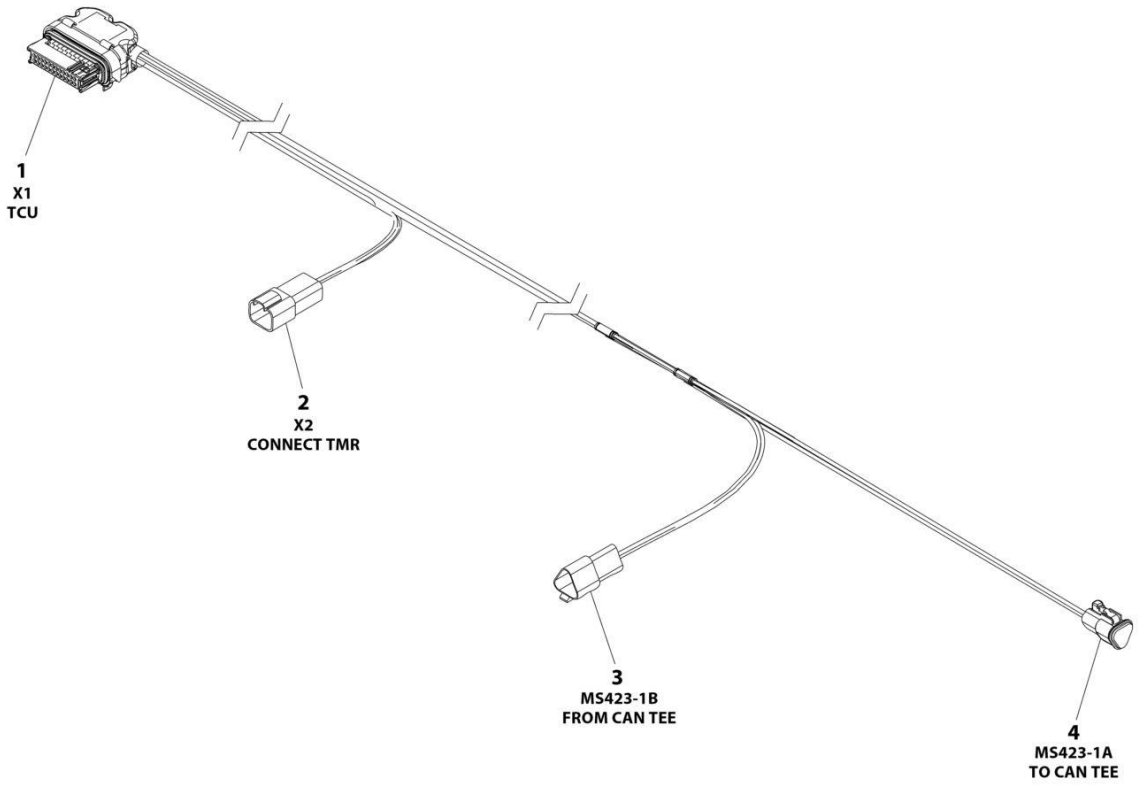


ART_1001276610

FIGURE 8-47. CLEARSKY INSTALLATION 3-WIRE CONNECTION (ALL SPECS EXCEPT UL AND CHINA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001276610	Ref	CLEARSKY INSTALLATION 3-WIRE CONNECTION	A
1	4240032	AR	Tie-Strap	
2	1001272659	1	Telematics Control Module Assembly (Note: Re-calibration Required when Replaced)	
3	1001273012	1	ClearSky Harness (See Separate Breakdown in this Section)	

FIGURE 8-48. CLEARSKY HARNESS - 3G & 4G CANBUS CONNECTIONS



ART_1001235091

FIGURE 8-48. CLEARSKY HARNESS - 3G & 4G CANBUS CONNECTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235091	1	CLEARSKY HARNESS	A
1	1001226636	1	Connector	
1	1001116731	19	Plug	
1	1001226637	5	Terminal	
2	4460932	1	Connector	
2	4460464	3	Terminal	
2	4460466	1	Plug	
3	1001144147	1	Connector	
3	4460464	2	Terminal	
3	4460466	1	Plug	
4	1001116812	1	Connector	
4	4460465	2	Terminal	
4	4460466	1	Plug	

FIGURE 8-49. CLEARSKY HARNESS - 3 WIRE GT1030

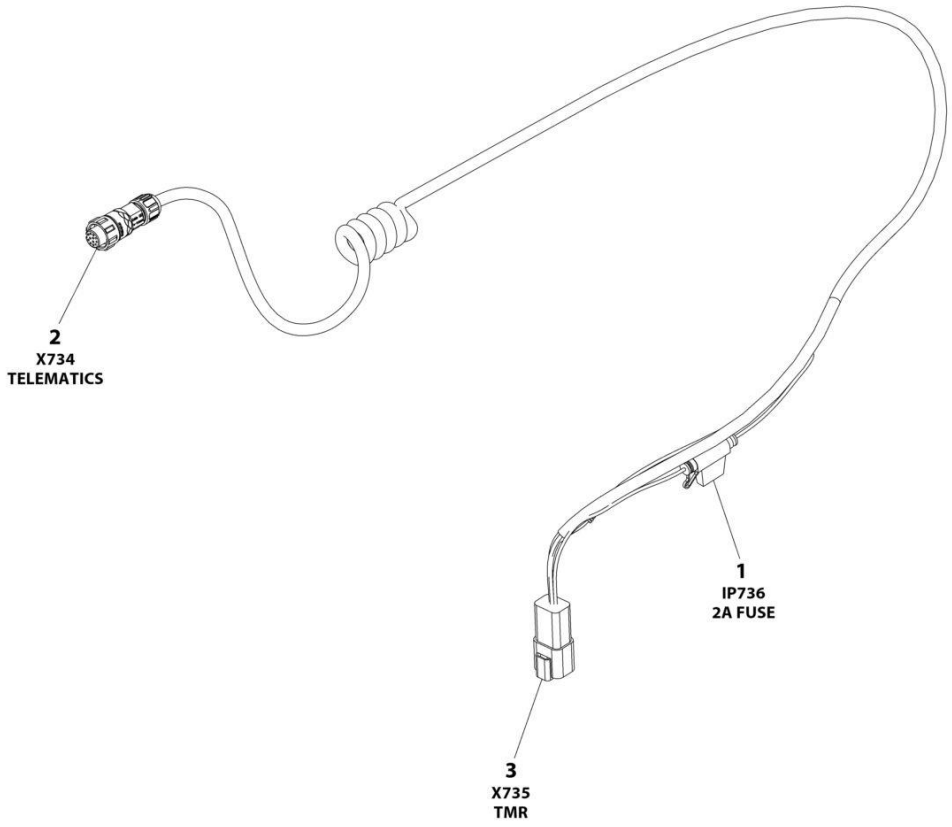


FIGURE 8-49. CLEARSKY HARNESS - 3 WIRE GT1030

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 8-50. DRIVE CABLE KIT (ALL SPECS EXCPET UL SPECS)

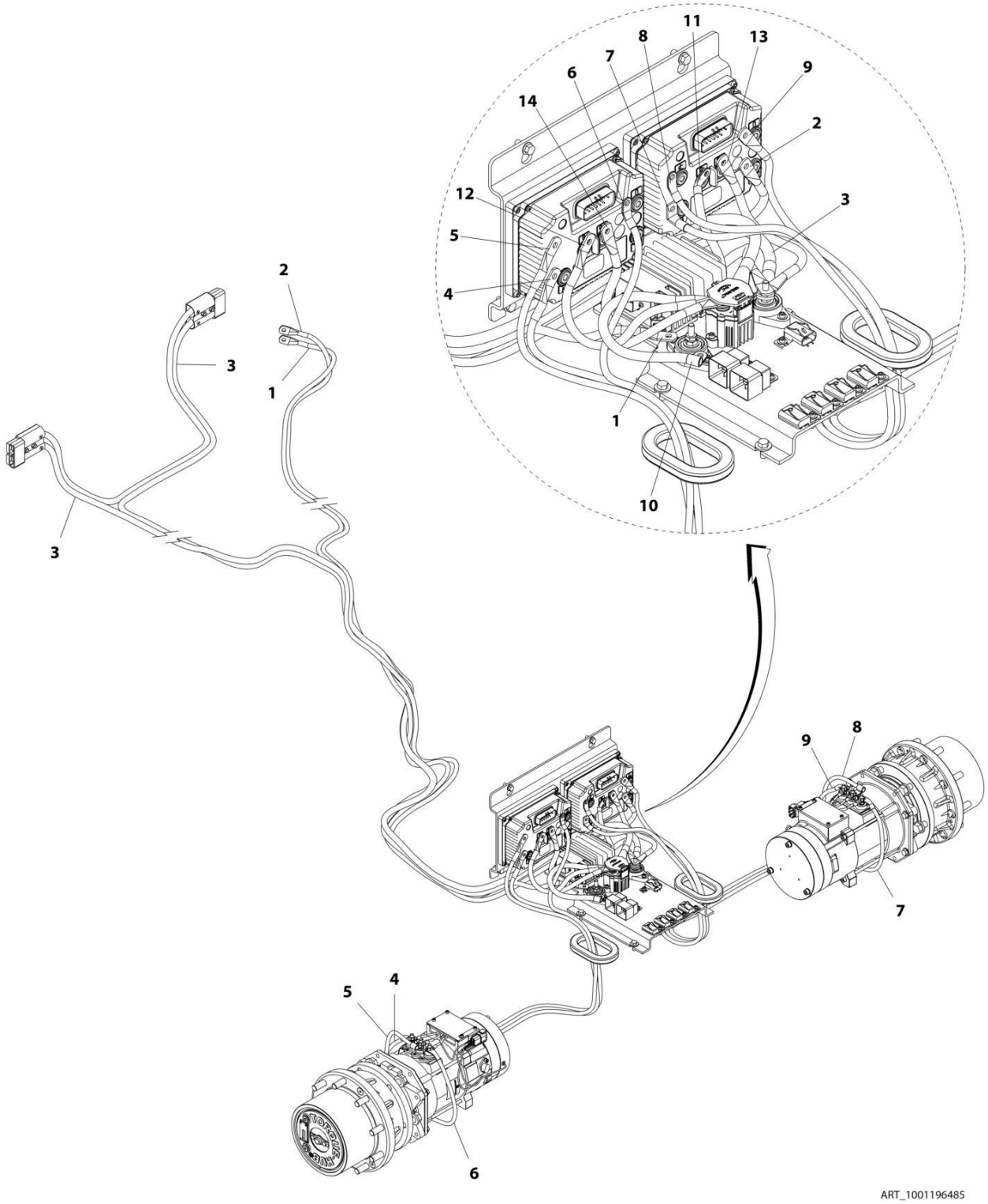


FIGURE 8-50. DRIVE CABLE KIT (ALL SPECS EXCPET UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001196485	Ref	DRIVE CABLE KIT (NON UL SPECS)	D
1	1001179499	1	Cable - Pump Motor + to Fuse	
2	1001179500	1	Cable - Pump Motor - to LH Module P	
3	1001182996	1	Cable - Battery	
4	1001196061	1	Cable - LH Motor U	
5	1001196062	1	Cable - LH Motor V	
6	1001196063	1	Cable - LH Motor W	
7	1001196065	1	Cable - RH Motor U	
8	1001196066	1	Cable - RH Motor V	
9	1001196067	1	Cable - RH Motor W	
10	1001196237	1	Cable - Contactor to Fuse	
11	1001196238	1	Cable - RH Zapi +	
12	1001196239	1	Cable - LH Zapi +	
13	1001196240	1	Cable - RH Zapi -	
14	1001196241	1	Cable - LH Zapi -	

FIGURE 8-51. DRIVE CABLE KIT (UL SPECS)

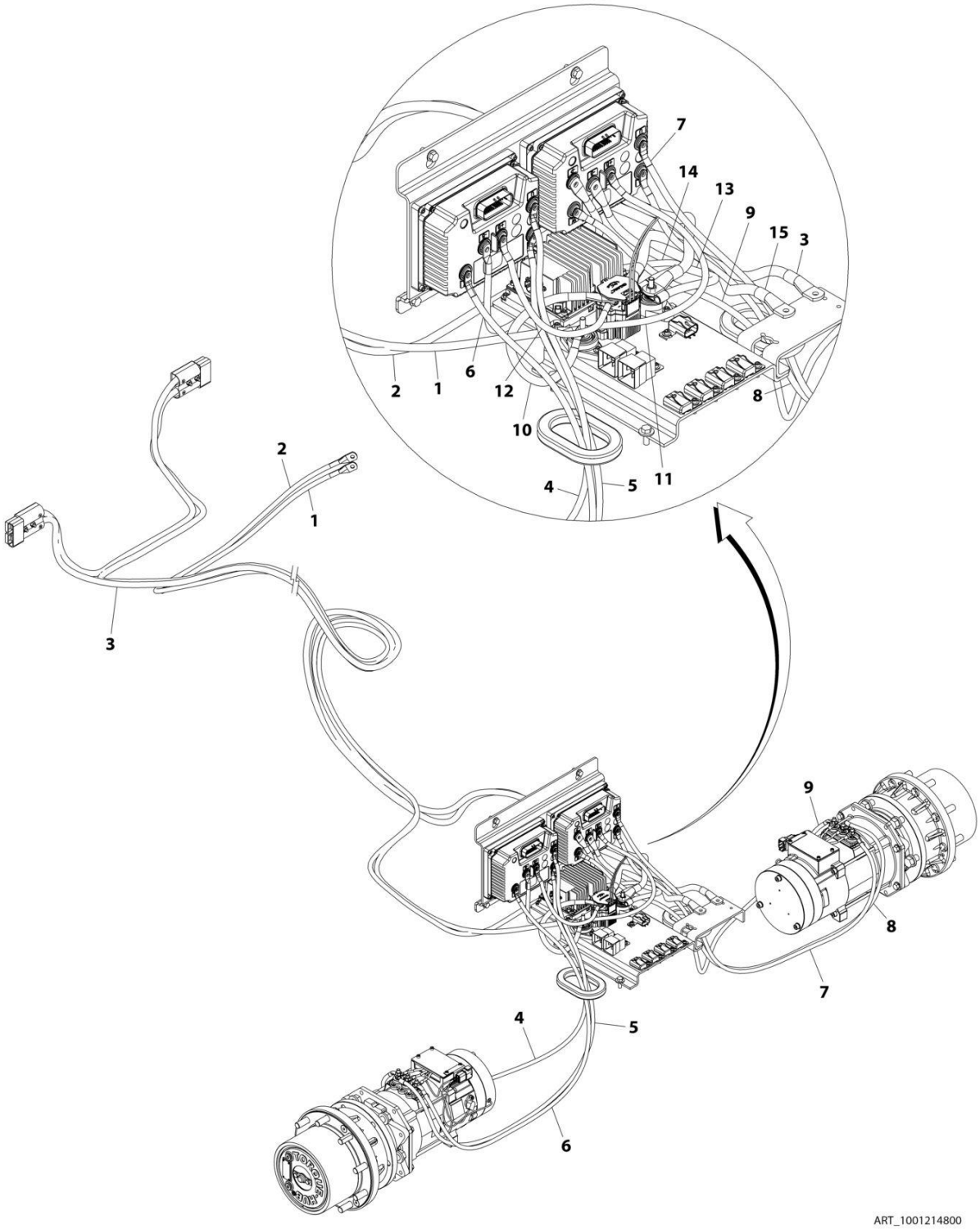


FIGURE 8-51. DRIVE CABLE KIT (UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001214800	Ref	DRIVE CABLE KIT (UL SPECS)	C
1	1001179499	1	Cable - Pump Motor + to Fuse	
2	1001179500	1	Cable - Pump Motor - to LH Module P	
3	1001182996	1	Cable - Battery	
4	1001196061	1	Cable - LH Motor U	
5	1001196062	1	Cable - LH Motor V	
6	1001196063	1	Cable - LH Motor W	
7	1001196065	1	Cable - RH Motor U	
8	1001196066	1	Cable - RH Motor V	
9	1001196067	1	Cable - RH Motor W	
10	1001196237	1	Cable - Contactor to Fuse	
11	1001196238	1	Cable - RH Zapi +	
12	1001196239	1	Cable - LH Zapi +	
13	1001196240	1	Cable - RH Zapi -	
14	1001196241	1	Cable - LH Zapi -	
15	1001214801	1	Cable - Drive Jumper	

FIGURE 8-52. EBOOM CAN SPLICE HARNESS

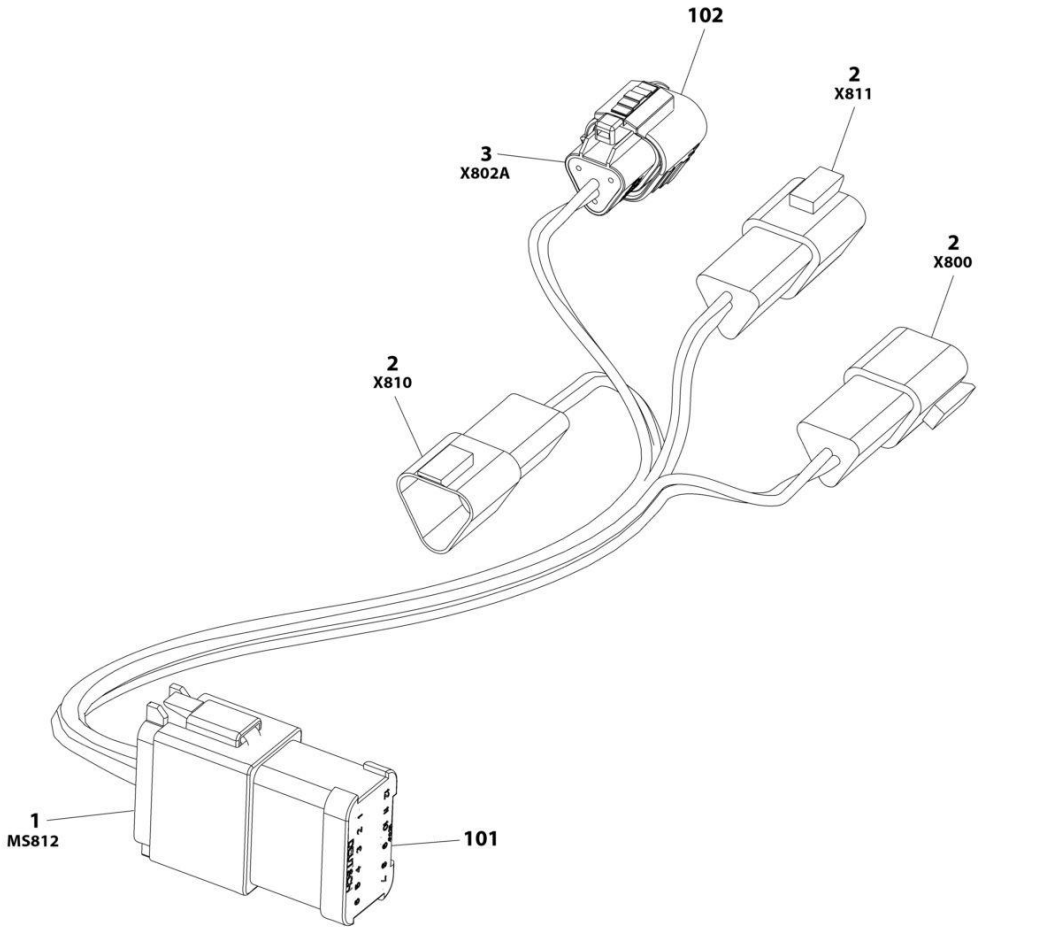


FIGURE 8-52. EBOOM CAN SPLICE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001259541	Ref	EBOOM CAN SPLICE HARNESS	A
1	4460933	1	Connector	
1	4460465	8	Socket	
1	4460466	4	Plug	
2	1001144147	3	Connector	
2	4460943	6	Socket	
2	4460466	3	Plug	
3	1001116812	1	Connector	
3	4460944	2	Socket	
3	4460466	1	Plug	
101	1001125677	1	Connector	
102	1001144296	1	Dust Cap	

FIGURE 8-53. GENERATOR HARNESS

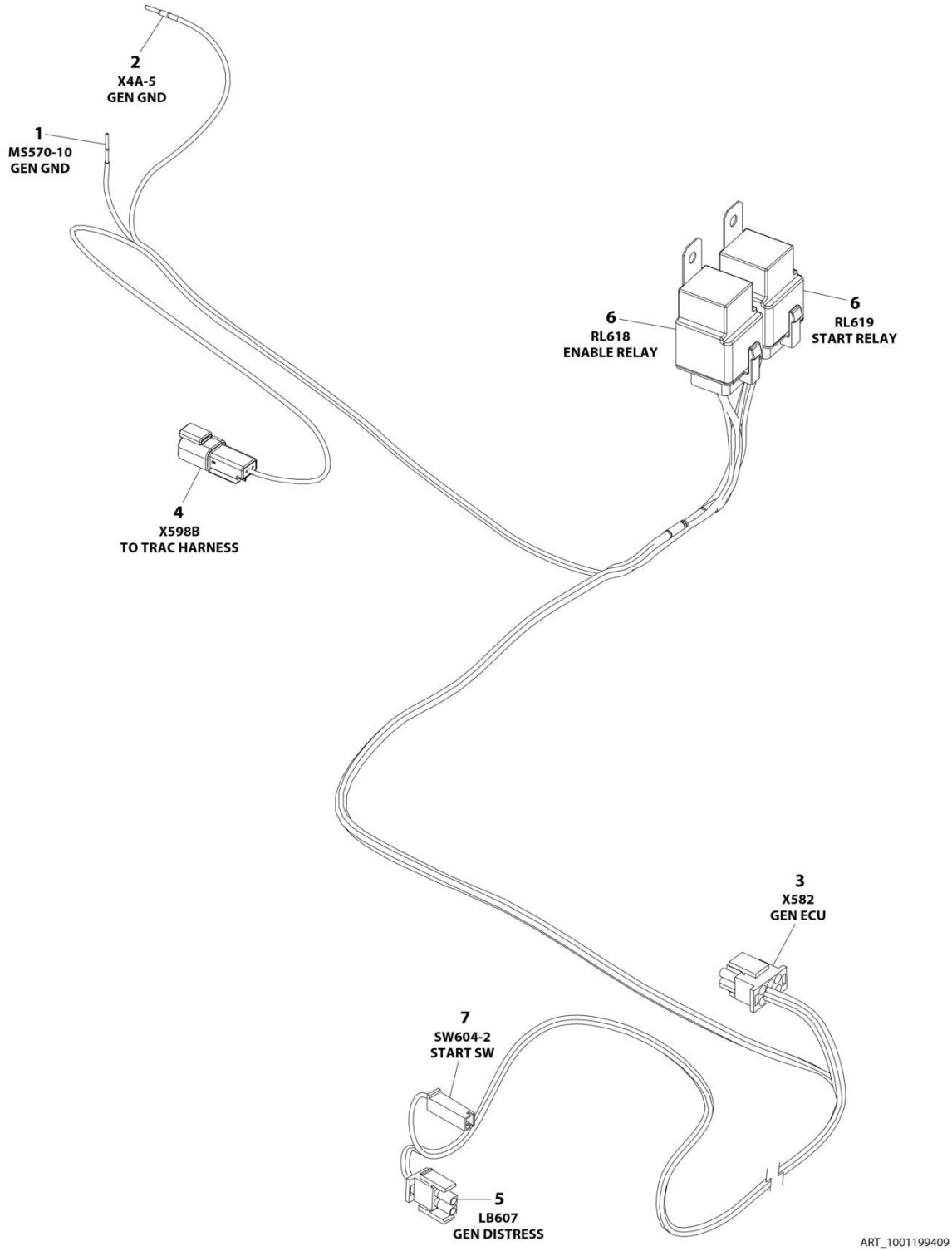


FIGURE 8-53. GENERATOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001199409	Ref	GENERATOR HARNESS	C
1	4460465	1	Socket, Female	
2	4460464	1	Pin, Male	
3	4460225	1	Plug, Male - 6 Position	
3	4460267	5	Pin, Male	
4	4460897	1	Connector - 2 Position	
4	4460464	1	Pin, Male	
4	4460466	1	Plug, Seal	
5	4460320	1	Connector - 2 Position	
5	4460227	2	Pin, Male	
6	3740080	2	Relay	
6	1001203734	2	Plug, Relay	
6	1001116733	4	Terminal	
6	1001116732	4	Terminal	
7	4460260	1	Housing, Terminal	
7	4460259	1	Terminal	

FIGURE 8-54. GROUND CONTROL HARNESS

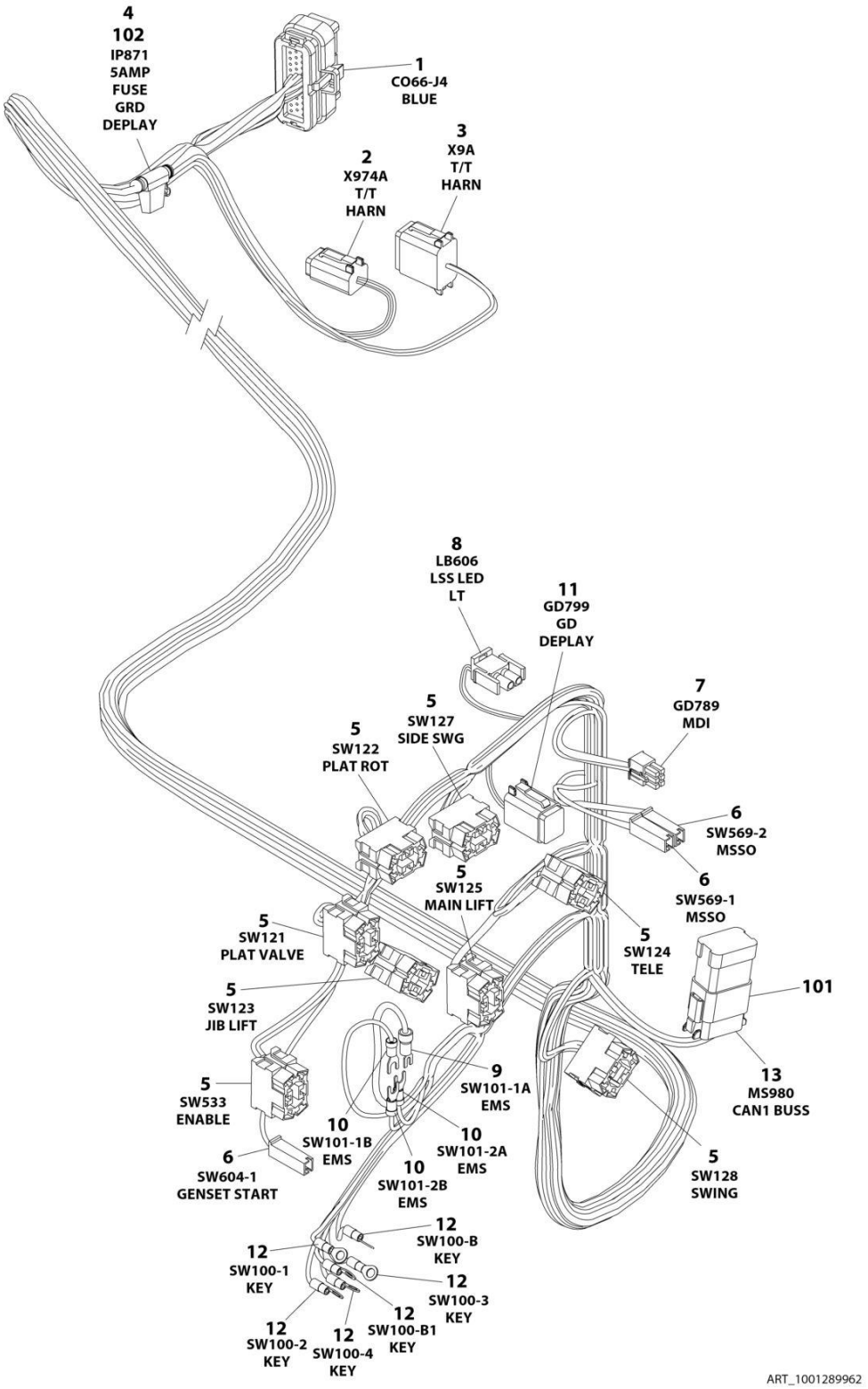
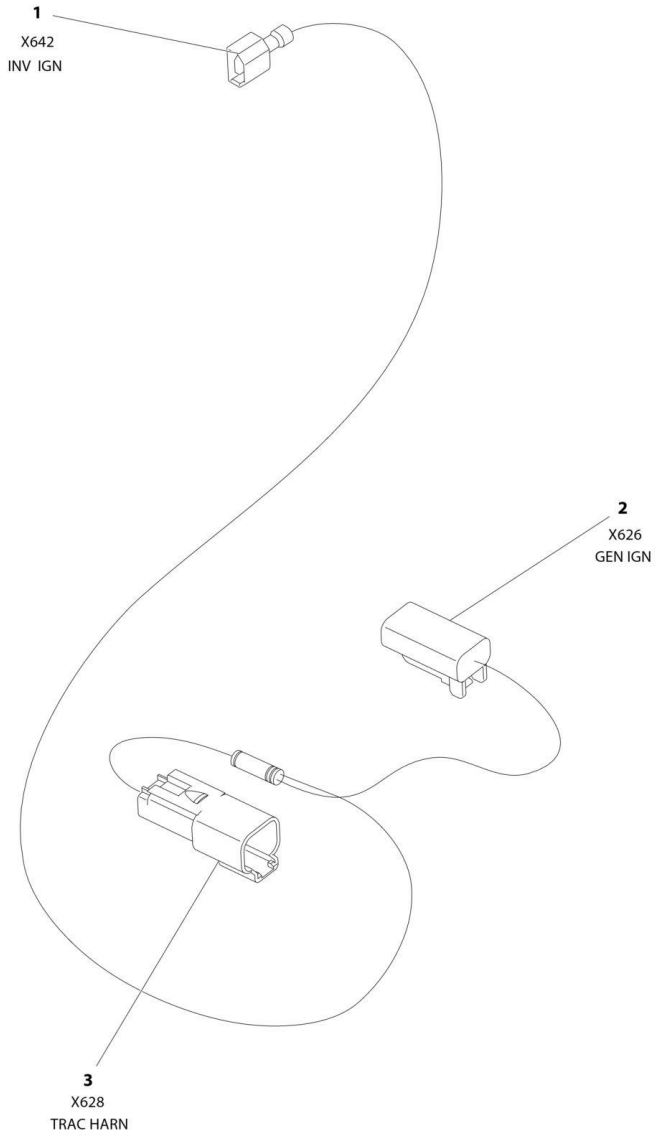


FIGURE 8-54. GROUND CONTROL HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289962	Ref	GROUND CONTROL HARNESS	B
1	4460876	1	Connector - 35 Position	
1	4460871	20	Socket, Female	
1	4460905	15	Plug, Terminal	
2	4460884	1	Connector - 4 Position	
2	4460465	4	Socket, Female	
3	4460930	1	Connector - 8 Position	
3	1001116692	7	Socket, Female	
3	4460466	1	Plug, Seal	
4	2400060	1	Fuseholder with Cover	
5	4460418	8	Connector - 6 Position	
5	4460419	16	Terminal	
5	1001159186	15	Terminal	
6	4460260	3	Housing, Terminal	
6	4460259	3	Terminal	
7	4460868	1	Connector - 6 Position	
7	4460877	4	Socket, Female	
8	4460320	1	Connector - 2 Position	
8	4460227	1	Pin, Male	
8	4460267	2	Pin, Male	
9	4460806	1	Terminal, Fork	
10	4460183	3	Terminal, Fork	
11	4460894	1	Connector - 6 Position	
11	4460465	4	Socket, Female	
11	4460466	2	Plug, Terminal	
12	4460313	6	Terminal, Ring	
13	4460930	1	Connector - 8 Position	
13	4460465	8	Socket, Female	
101	4460894	1	Connector, Bussbar - 8 Position	
102	8229242	1	Fuse 5Amp	

FIGURE 8-55. INVERTER IGNITION HARNESS (110V INVERTER)



ART_1001192293

FIGURE 8-55. INVERTER IGNITION HARNESS (110V INVERTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001192293	Ref	INVERTER IGNITION HARNESS	C
1	1001193545	1	Terminal	
2	4460891	1	Plug, Male - 2 Position	
2	4460465	1	Socket, Female	
2	4460466	1	Plug, Terminal	
3	4460897	1	Receptacle, Female - 2 Position	
3	4460464	1	Pin, Male	
3	4460466	1	Plug, Seal	

FIGURE 8-56. INVERTER HARNESS (110V INVERTER)

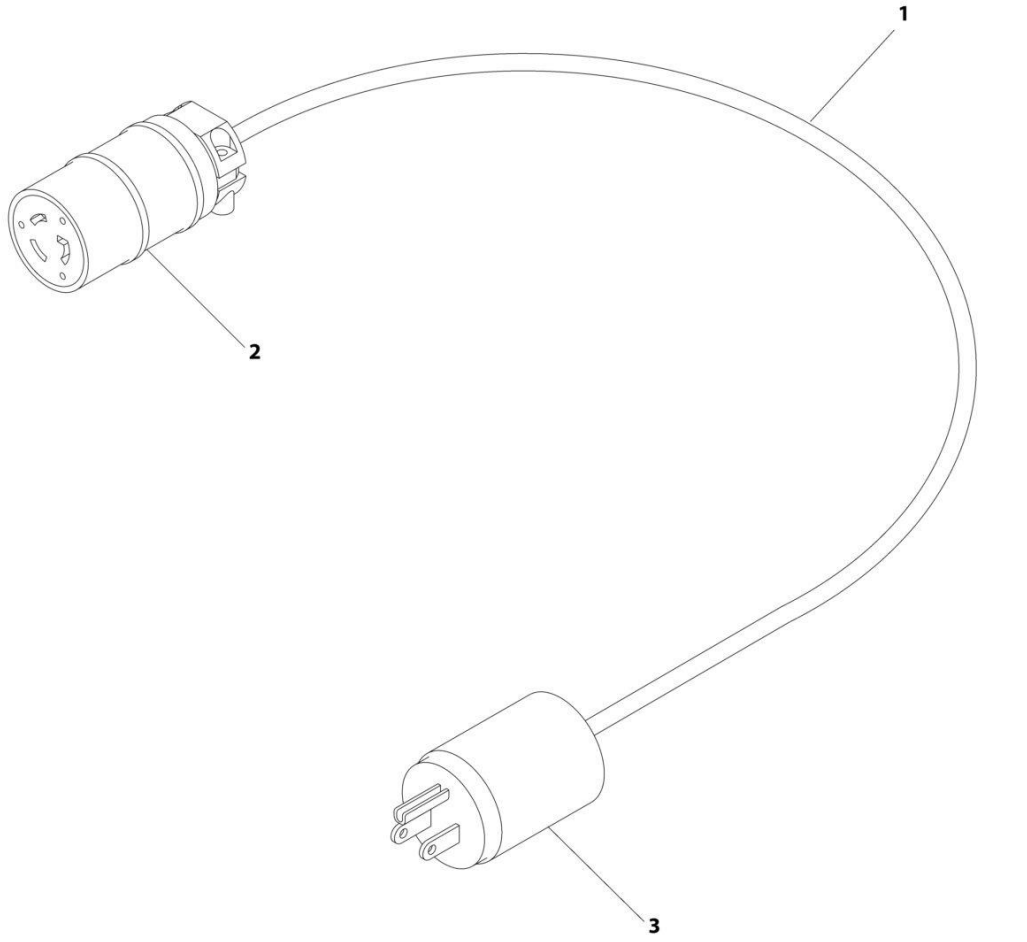


FIGURE 8-56. INVERTER HARNESS (110V INVERTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922390	Ref	INVERTER HARNESS	C
1	1060494	75 in/ 190.5cm	Cable 12/3	
2	4460134	1	Receptacle, Female	
3	4460138	1	Plug, Connector	

FIGURE 8-57. INVERTER HARNESS (220V INVERTER)

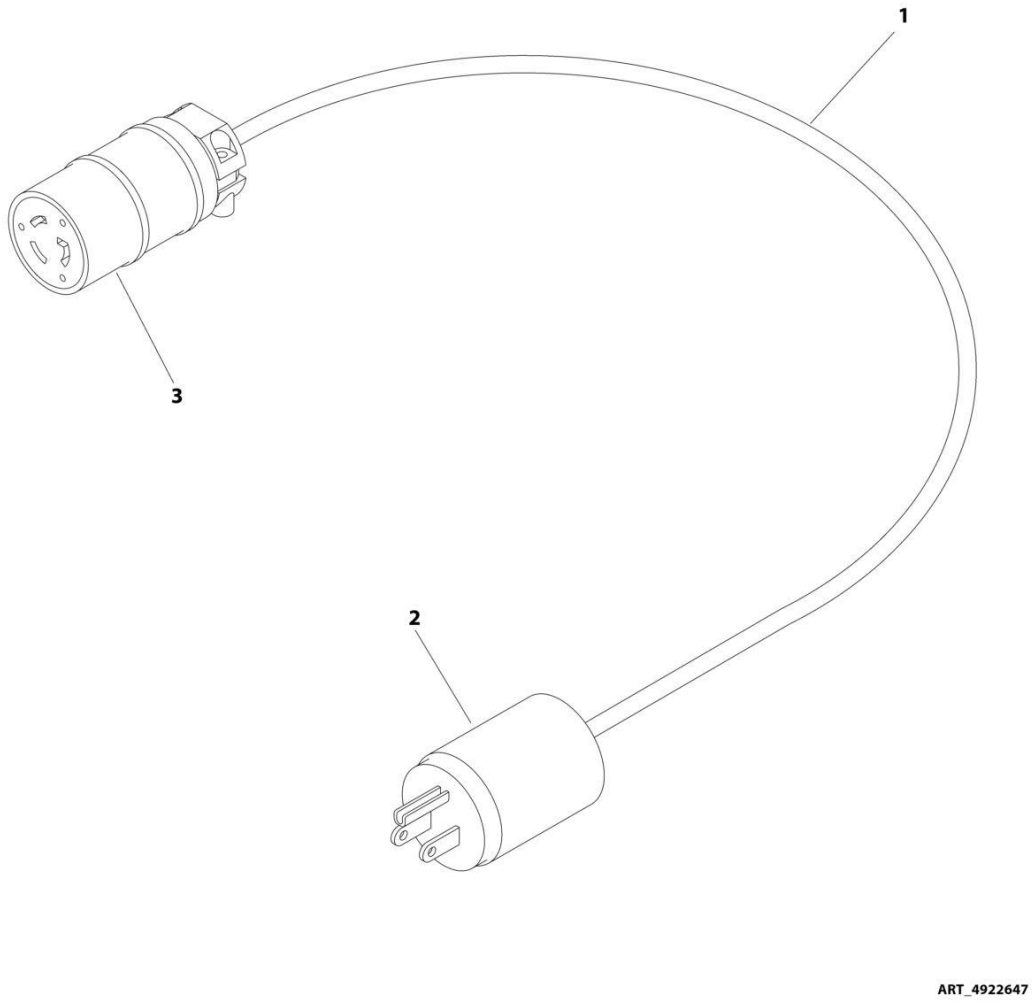


FIGURE 8-57. INVERTER HARNESS (220V INVERTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922647	Ref	INVERTER HARNESS	A
1	1060461	75 in/ 190.5cm	Cable 12/3	
2	4460138	1	Plug, Connector	
3	4460710	1	Receptacle, Female	

FIGURE 8-58. LED REMOTE HARNESS

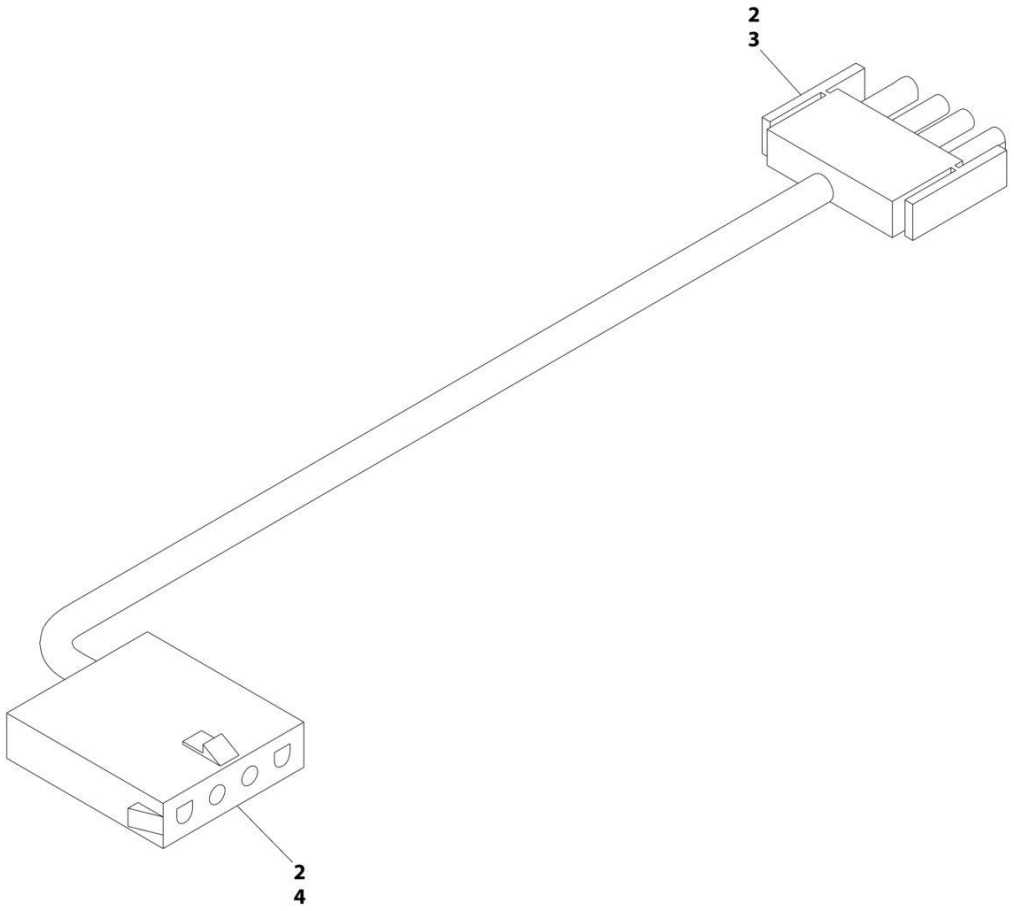


FIGURE 8-58. LED REMOTE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1060813	Ref	LED REMOTE HARNESS	A
2	4460226	8	Socket, Female	
3	4460321	1	Connector - 4 Position	
4	4460761	1	Connector, Female - 4 Position	

FIGURE 8-59. LIMIT SWITCH CABLE

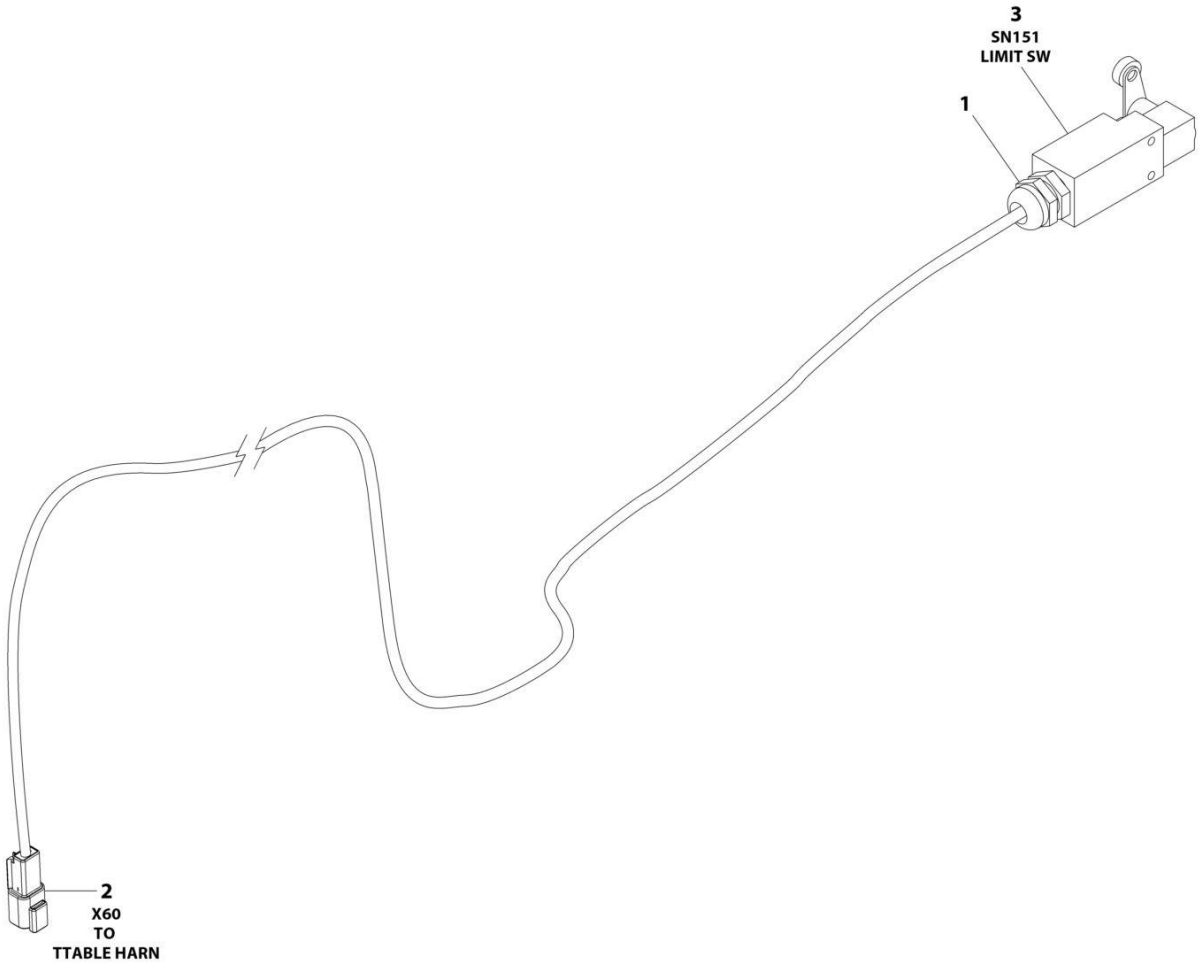


FIGURE 8-59. LIMIT SWITCH CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001200173	Ref	LIMIT SWITCH CABLE	C
1	4460968	1	Connector, Strain Relief	
2	4460897	1	Connector - 2 Position	
2	4460464	2	Pin, Male	
3	4360578	1	Switch, Limit	

FIGURE 8-60. PLATFORM CONSOLE HARNESS (ALL SPECS EXCEPT UL SPECS)

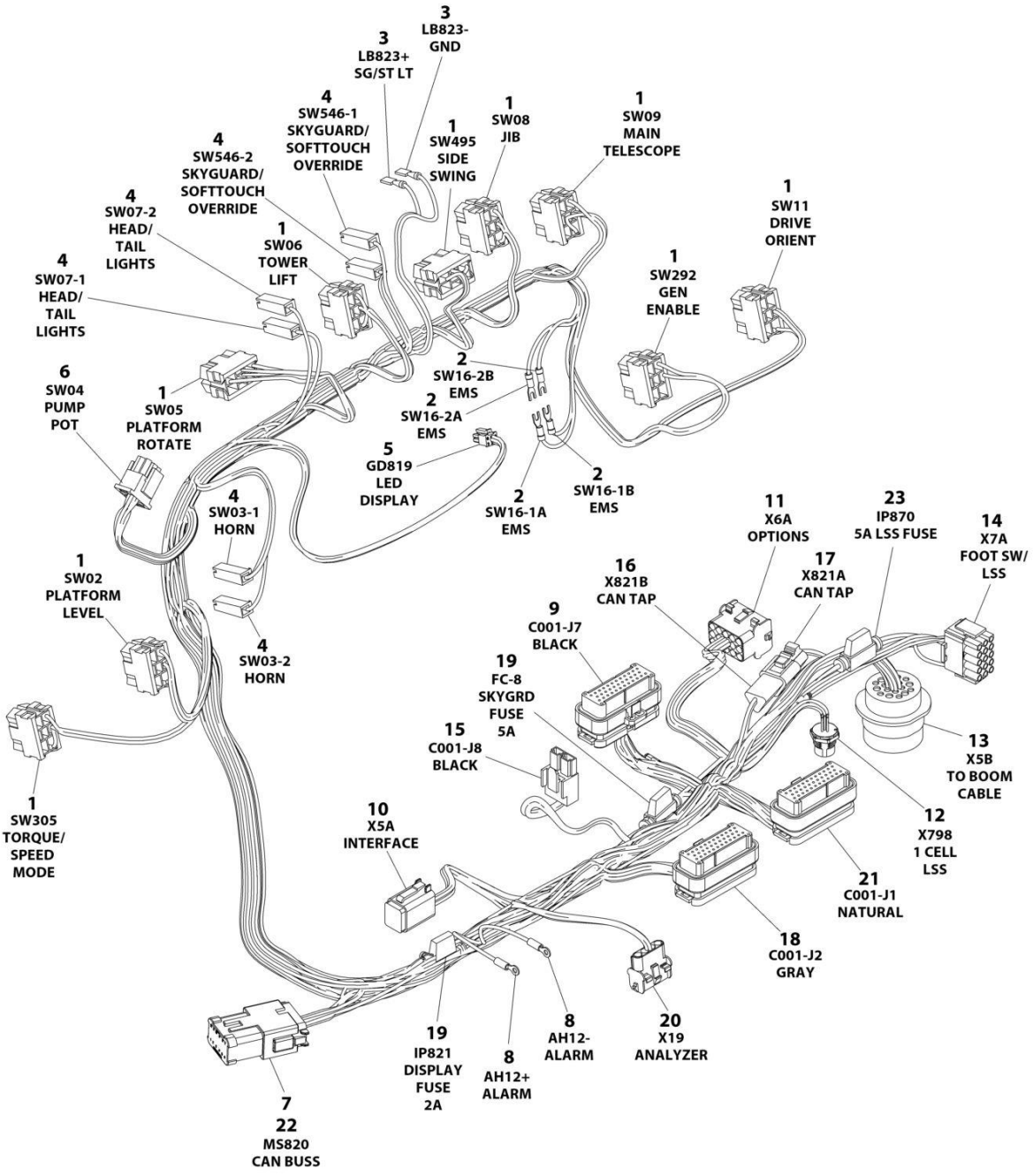


FIGURE 8-60. PLATFORM CONSOLE HARNESS (ALL SPECS EXCEPT UL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001245673	Ref	PLATFORM CONSOLE HARNESS	E
1	4460418	9	Connector - 6 Position	
1	4460419	14	Terminal	
1	1001159186	18	Terminal	
2	4460888	4	Terminal, Fork	
3	4460016	2	Terminal	
4	4460260	6	Housing, Terminal	
4	4460259	8	Terminal	
5	1001237667	1	Connector - 6 Position	
5	1001237668	4	Terminal	
6	4460225	1	Connector - 6 Position	
6	4460267	7	Socket, Female	
7	4460933	1	Plug, Male - 12 Position	
7	4460465	10	Socket, Female	
7	4460466	2	Plug, Terminal	
8	1001098122	2	Terminal, Ring	
9	4460873	1	Connector - 35 Position	
9	4460871	21	Socket, Female	
9	4460905	14	Plug, Terminal	
10	4460894	1	Plug, Male - 6 Position	
10	4460465	6	Socket, Female	
11	4460708	1	Connector - 15 Position	
11	4460268	10	Socket, Female	
12	1001213447	1	Connector, Female - 5 Position	
13	4460866	1	Connector - 19 Position	
13	4460466	7	Plug, Terminal	
13	4460464	10	Pin, Male	
13	4460508	2	Pin, Male	
14	4460434	1	Plug, Male - 15 Position	
14	4460294	9	Pin, Male	
15	4460879	1	Plug, Male - 2 Position	
15	4460887	2	Terminal	
16	4460536	1	Receptacle, Female - 3 Position	
16	4460464	2	Pin, Male	
16	4460466	1	Plug, Terminal	
17	4460539	1	Plug, Male - 3 Position	
17	4460465	2	Socket, Female	
17	4460466	1	Plug, Terminal	
18	4460875	1	Connector - 35 Position	
18	4460905	24	Plug, Terminal	
18	4460871	11	Socket, Female	
19	2400060	2	Holder, Fuse	
19	8229242	1	Fuse - 5Amp	
19	See Note	1	Fuse - 2Amp (Note: Purchase Locally)	
20	4460761	1	Receptacle, Female - 4 Position	
20	4460294	4	Pin, Male	
21	4460874	1	Connector - 35 Position	
21	4460871	24	Socket, Female	
21	4460905	11	Plug, Terminal	
22	1001125677	1	Connector, Bussbar	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
23	2400060	1	Fuse Holder	
23	8229242	1	Fuse, 5A	

FIGURE 8-61. PLATFORM CONSOLE HARNESS

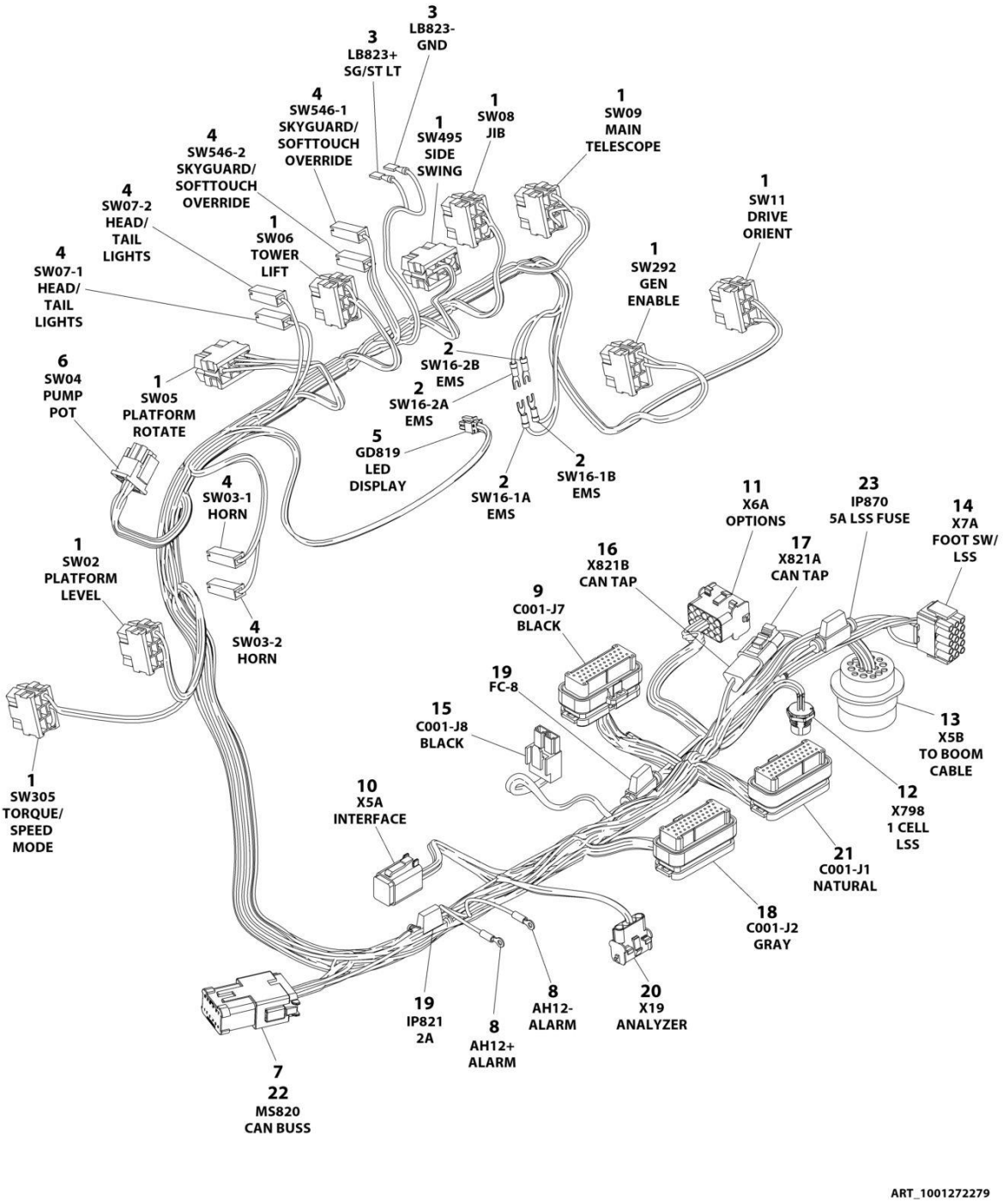


FIGURE 8-61. PLATFORM CONSOLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001272279	Ref	PLATFORM CONSOLE HARNESS (UL SPECS)	B
1	4460418	9	Connector - 6 Position	
1	4460419	14	Terminal	
1	1001159186	17	Terminal	
2	4460888	4	Terminal, Fork	
3	4460016	2	Terminal	
4	4460260	6	Housing, Terminal	
4	4460259	8	Terminal	
5	1001237667	1	Connector - 6 Position	
5	1001237668	4	Terminal	
6	4460225	1	Connector - 6 Position	
6	4460267	7	Socket, Female	
7	4460933	1	Plug, Male - 12 Position	
7	4460465	10	Socket, Female	
7	4460466	2	Plug, Terminal	
8	1001098122	2	Terminal, Ring	
9	4460873	1	Connector - 35 Position	
9	4460871	21	Socket, Female	
9	4460905	14	Plug, Terminal	
10	4460894	1	Plug, Male - 6 Position	
10	4460465	6	Socket, Female	
11	4460708	1	Connector - 15 Position	
11	4460268	10	Socket, Female	
12	1001213447	1	Connector, Female - 5 Position	
13	4460866	1	Connector - 19 Position	
13	4460466	7	Plug, Terminal	
13	4460464	10	Pin, Male	
13	4460508	2	Pin, Male	
14	4460434	1	Plug, Male - 15 Position	
14	4460294	9	Pin, Male	
15	4460879	1	Plug, Male - 2 Position	
15	4460887	2	Terminal	
16	4460536	1	Receptacle, Female - 3 Position	
16	4460464	2	Pin, Male	
16	4460466	1	Plug, Terminal	
17	4460539	1	Plug, Male - 3 Position	
17	4460465	2	Socket, Female	
17	4460466	1	Plug, Terminal	
18	4460875	1	Connector - 35 Position	
18	4460905	24	Plug, Terminal	
18	4460871	11	Socket, Female	
19	2400060	2	Holder, Fuse	
19	8229242	1	Fuse - 5Amp	
19	See Note	1	Fuse - 2Amp (Note: Purchase Locally)	
20	4460761	1	Receptacle, Female - 4 Position	
20	4460294	4	Pin, Male	
21	4460874	1	Connector - 35 Position	
21	4460871	24	Socket, Female	
21	4460905	11	Plug, Terminal	
22	1001125677	1	Connector, Bussbar	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
23	2400060	1	Fuse Holder	
23	8229242	1	Fuse, 5A	

FIGURE 8-62. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)

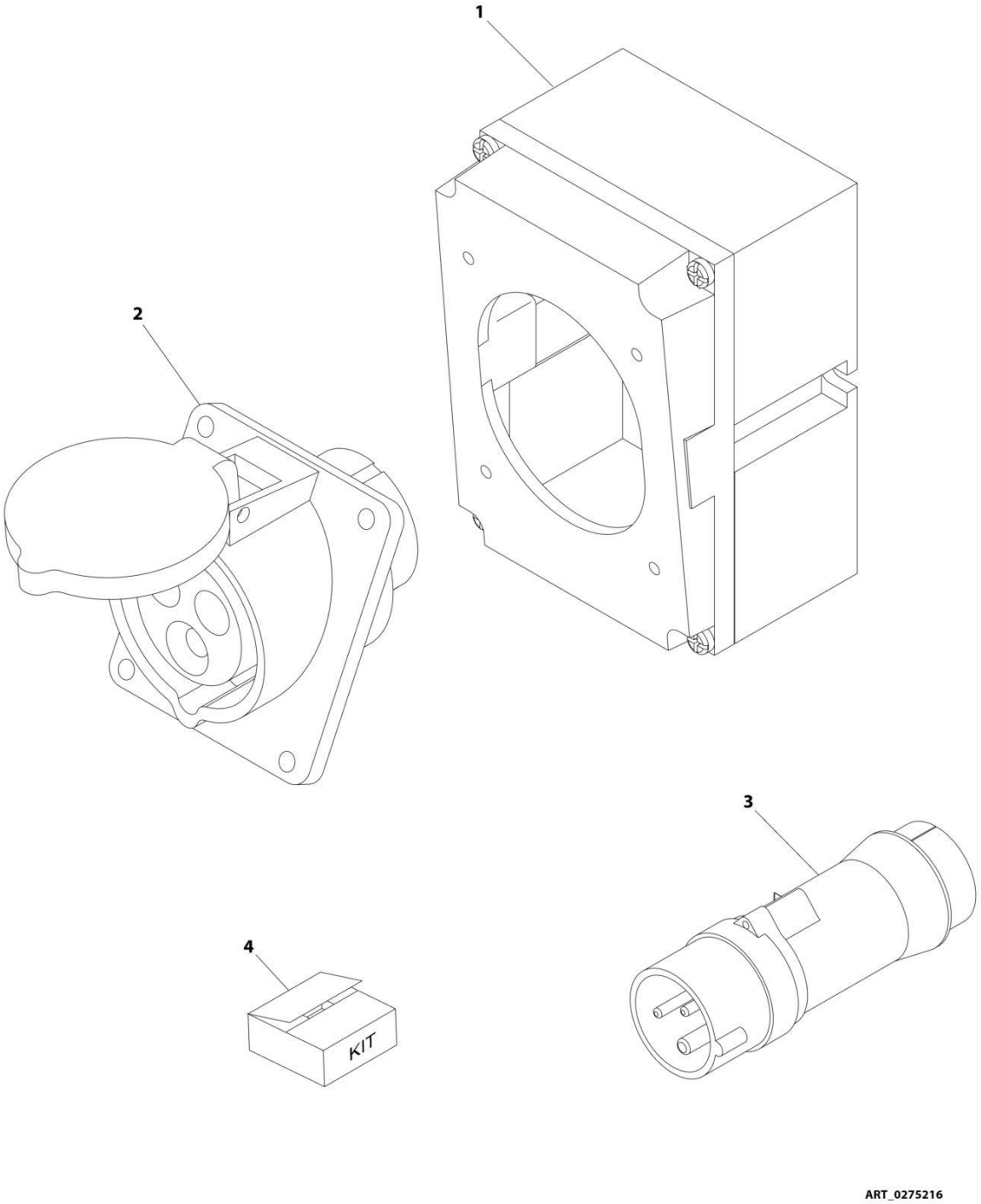


FIGURE 8-62. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275216	Ref	RECEPTACLE BOX KIT - 110V IEC YELLOW	B
1	0861781	1	Box, Switch	
2	4461198	1	Receptacle	
3	4461196	1	Plug, Male	
4	1001100341	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461197)	

FIGURE 8-63. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)

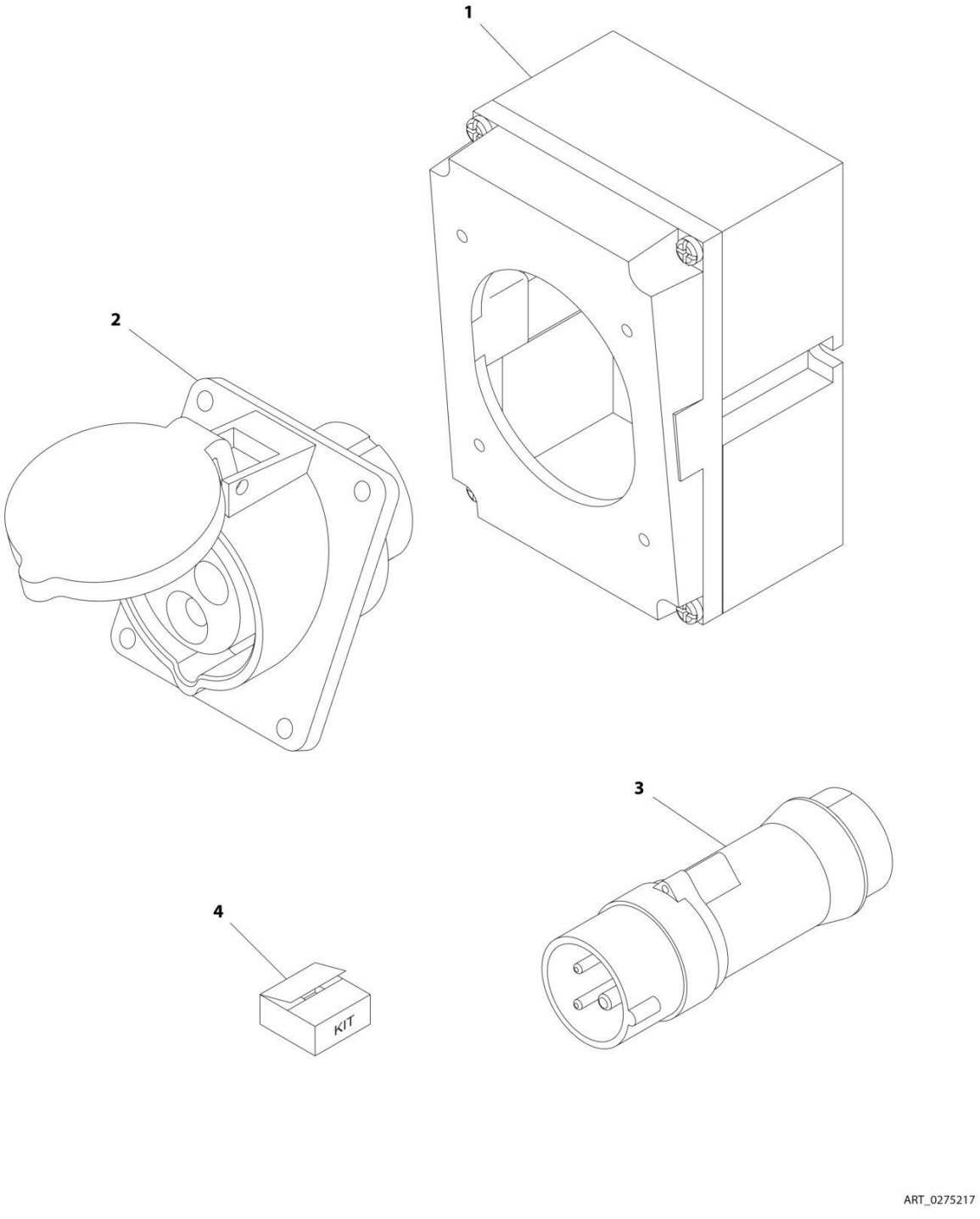


FIGURE 8-63. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275217	Ref	RECEPTACLE BOX KIT - 220V IEC BLUE	B
1	0861781	1	Box, Switch	
2	4461201	1	Receptacle	
3	4461199	1	Plug, Male	
4	1001100342	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461200)	

FIGURE 8-64. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX (CE & UK CA SPEC)

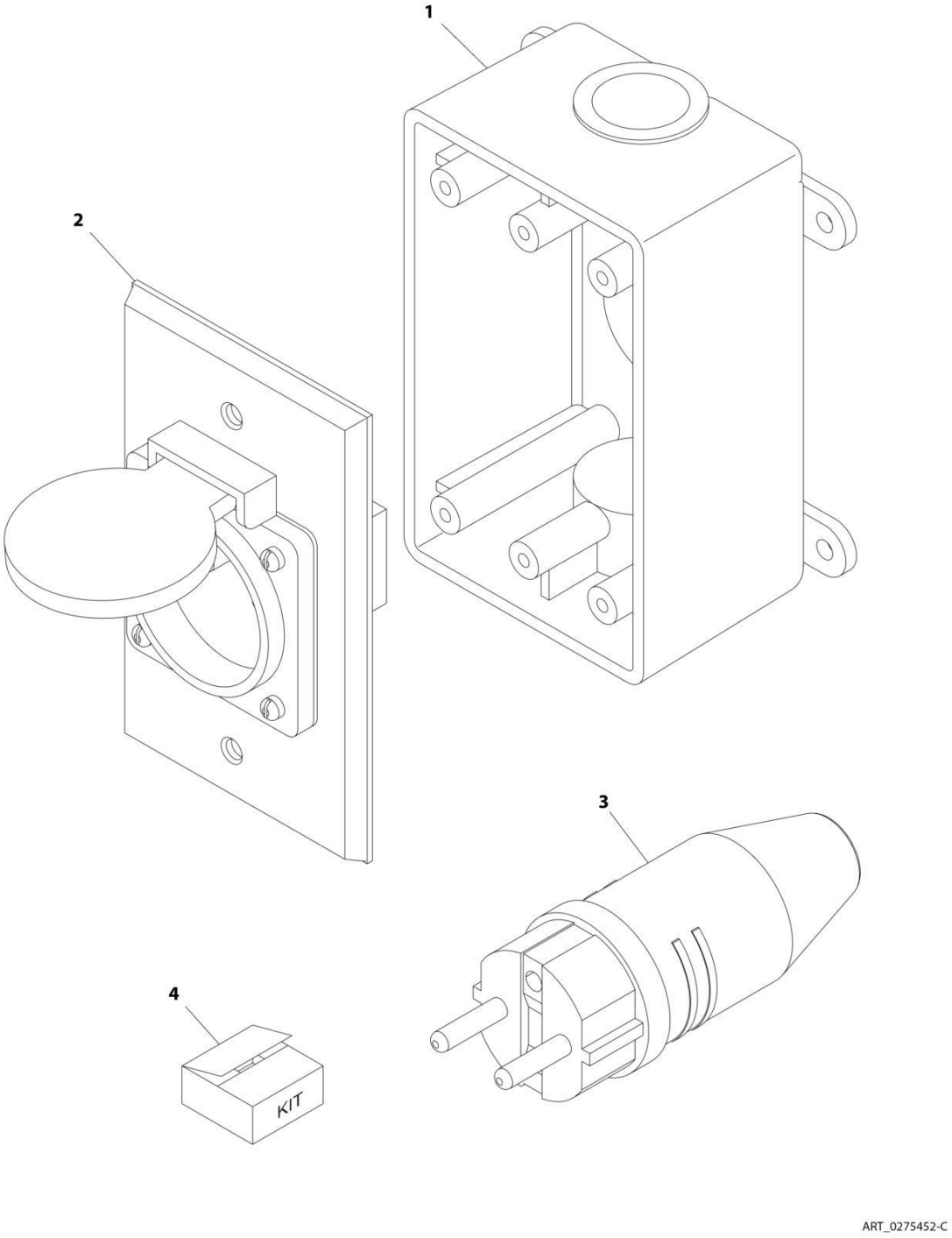


FIGURE 8-64. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2IN X 4IN BOX	C
1	0861731	1	Box, Switch	
2	4461244	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001100345	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461203)	

FIGURE 8-65. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN BOX (CE & UK CA SPEC)

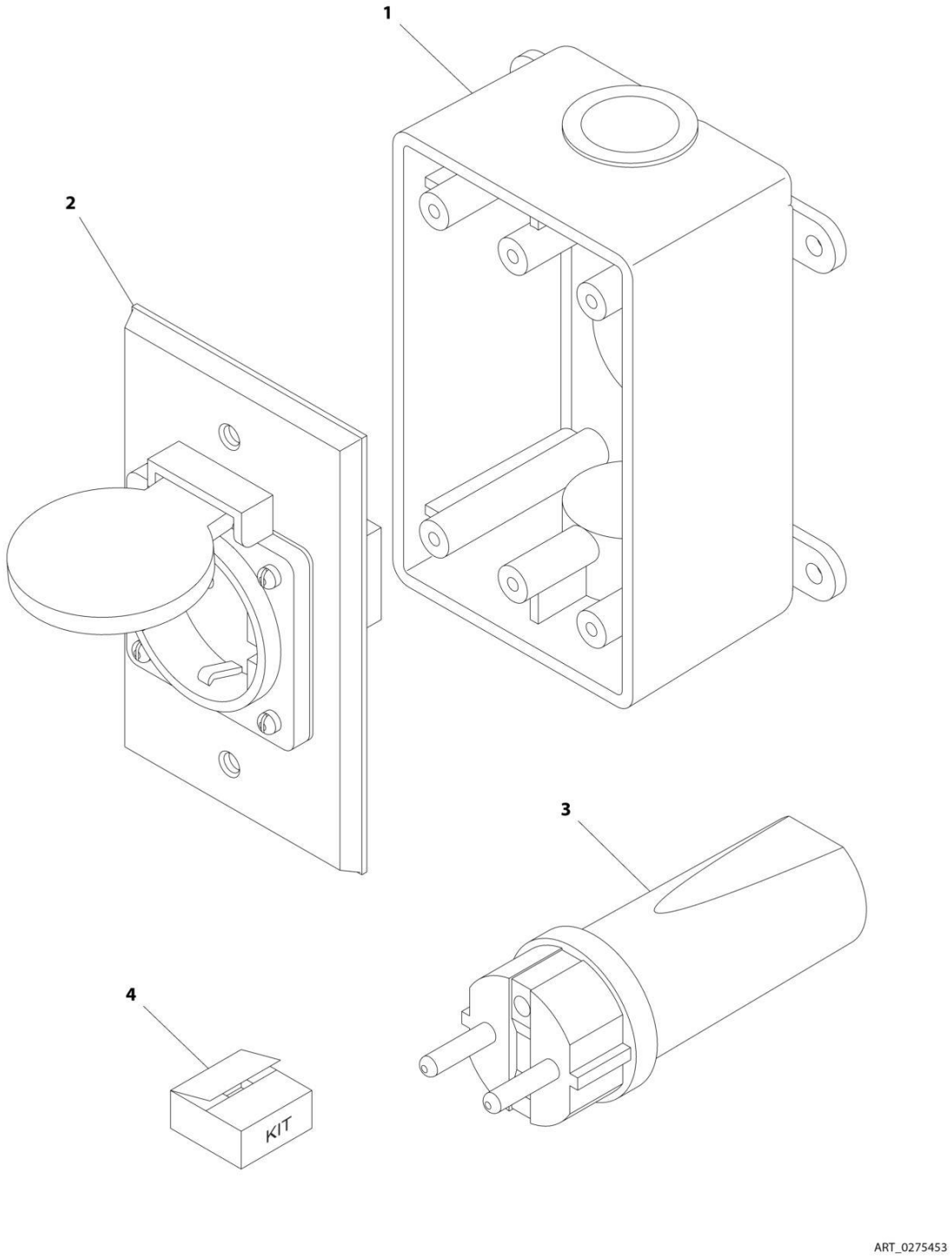


FIGURE 8-65. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2IN X 4IN BOX (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275453	Ref	RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND	B
1	0861731	1	Box, Switch	
2	4461245	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001100347	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	

FIGURE 8-66. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)

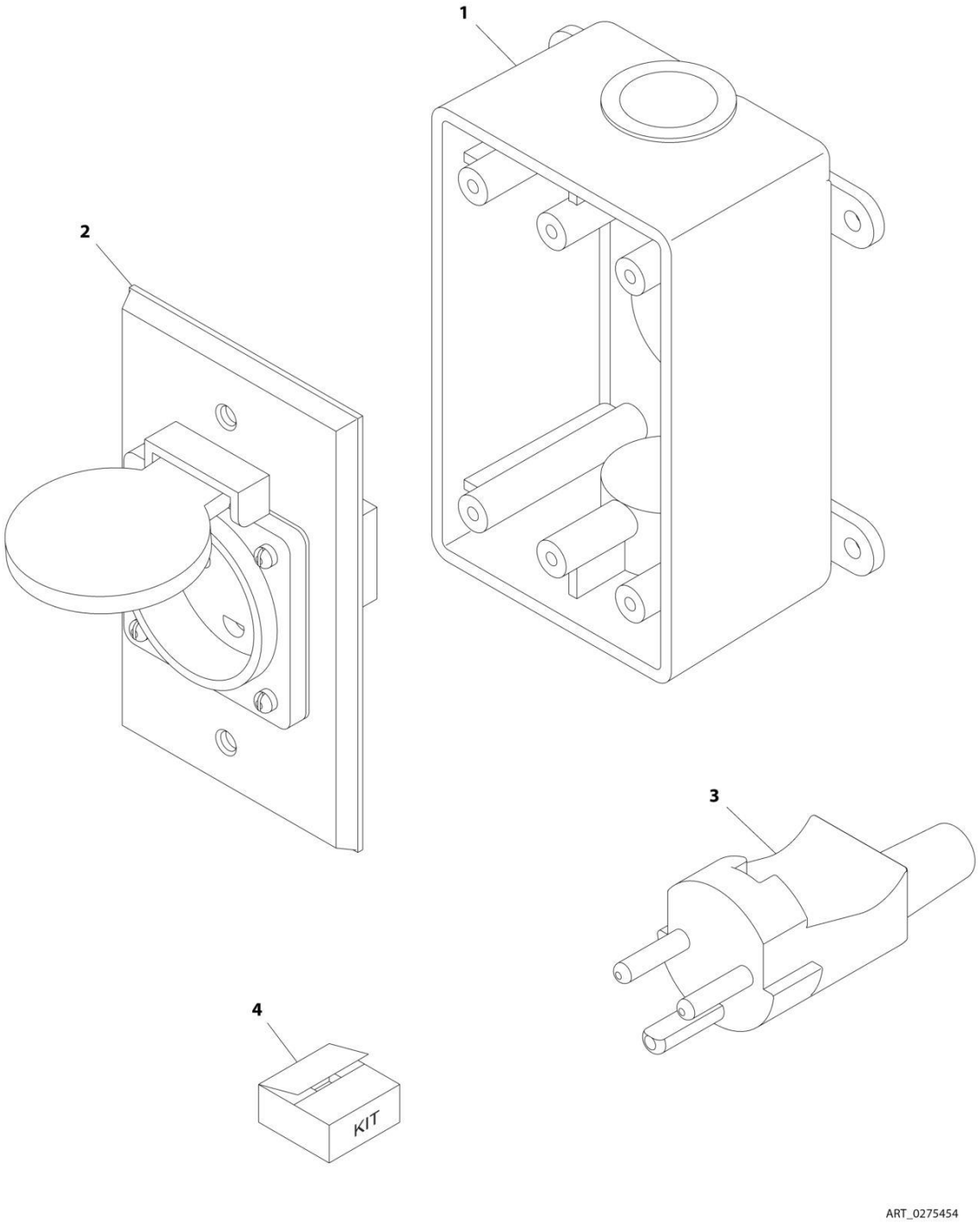


FIGURE 8-66. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275454	Ref	RECEPTACLE BOX KIT - 220V AFSINT 107	B
1	0861731	1	Box, Switch	
2	4461246	1	Receptacle	
3	4461249	1	Plug, Male	
4	1001100346	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461250)	

FIGURE 8-67. SKYEYE EMITTER HARNESS

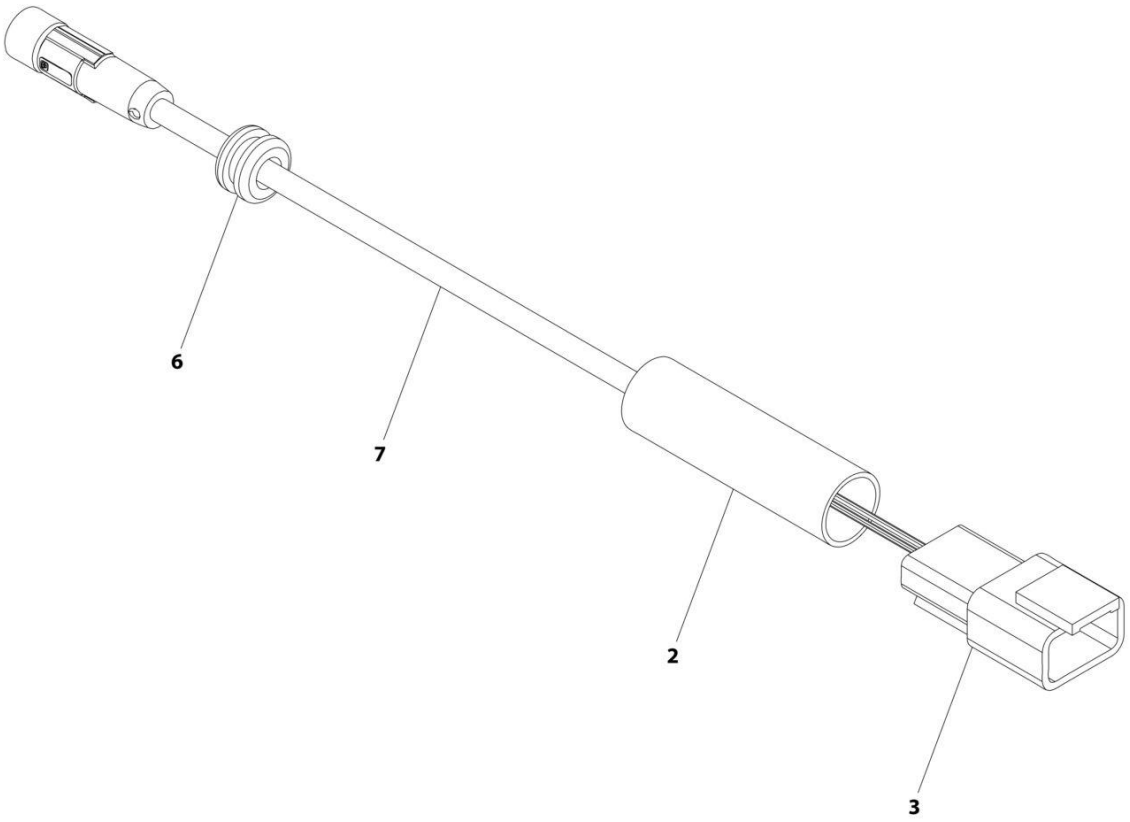
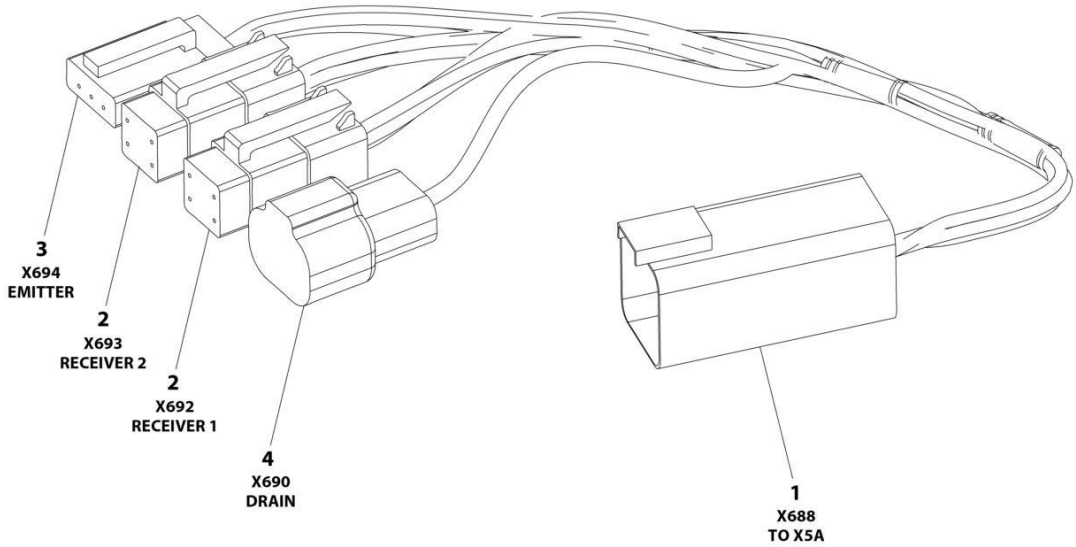


FIGURE 8-67. SKYEYE EMITTER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237864	Ref	SKYEYE EMITTER HARNESS	A
2	2820247	AR	Tubing, Heat Shrink	
3	4460910	1	Connector - 3 Position	
3	1001119620	3	Pin, Male	
6	1001227996	1	Grommet	
7	1001237862	1	Cable, M8 Female Cordset	

FIGURE 8-68. SKYEYE INTERMEDIATE HARNESS



ART_1001237865

FIGURE 8-68. SKYEYE INTERMEDIATE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237865	Ref	SKYEYE INTERMEDIATE HARNESS	A
1	4460899	1	Connector - 6 Position	
1	4460943	4	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4461077	2	Connector - 4 Position	
2	1001119619	8	Socket, Female	
3	4460911	1	Connector - 3 Position	
3	1001119619	3	Socket, Female	
4	1001187681	1	Connector - 2 Position	
4	4460941	1	Pin, Male	
4	4460466	1	Plug, Terminal	

FIGURE 8-69. SKYEYE RECEIVER HARNESS

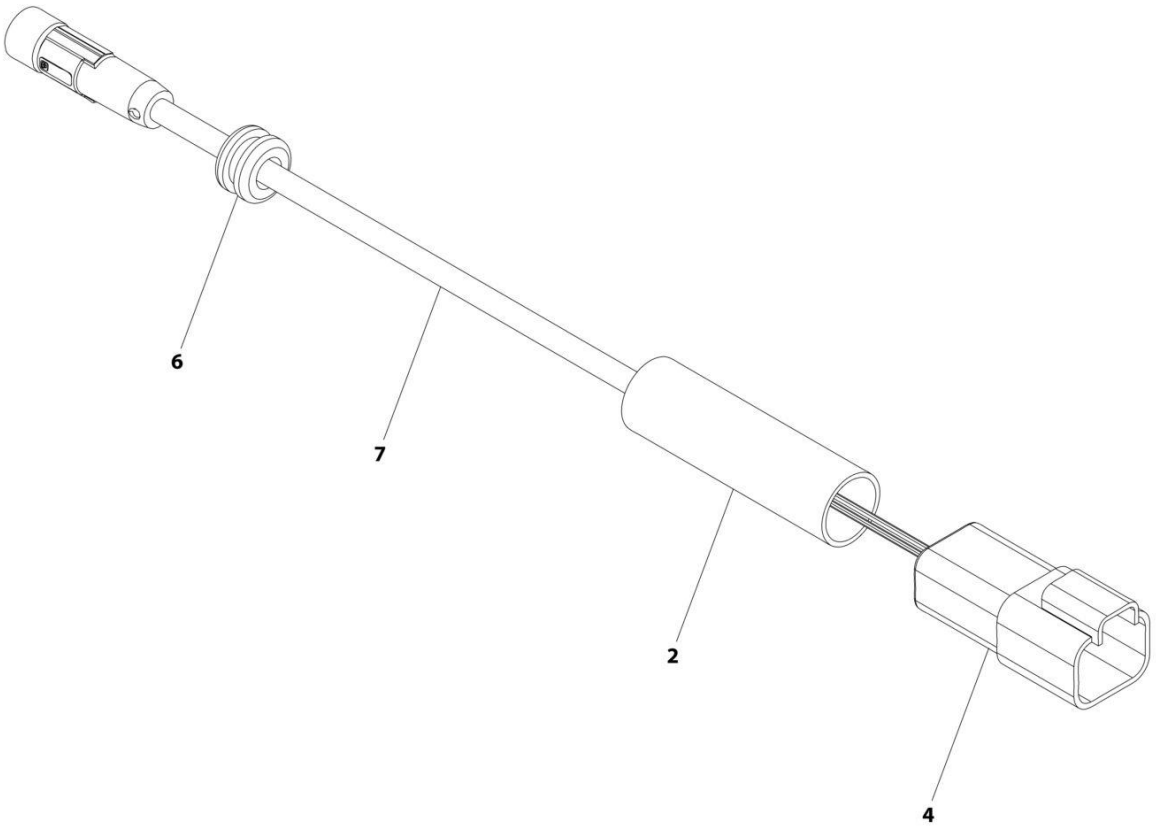


FIGURE 8-69. SKYEYE RECEIVER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237863	Ref	SKYEYE RECEIVER HARNESS	A
2	2820247	AR	Tubing, Heat Shrink	
4	1001097051	1	Connector - 4 Position	
4	1001119620	4	Pin, Male	
6	1001227996	1	Grommet	
7	1001237862	1	Cable, M8 Female Cordset	

FIGURE 8-70. SKYGUARD INTERFACE HARNESS

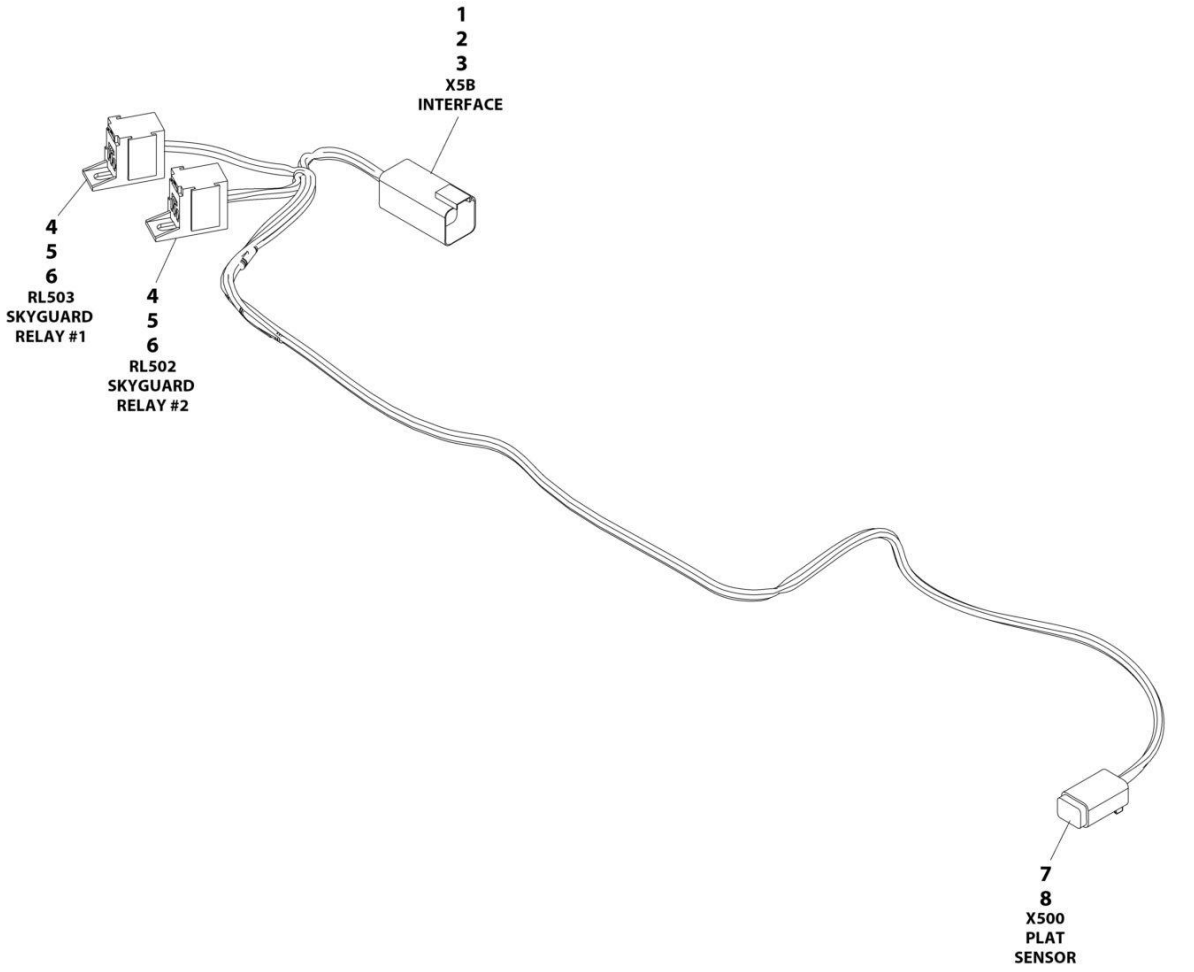


FIGURE 8-70. SKYGUARD INTERFACE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225580	Ref	INTERFACE HARNESS - WITH 1 CELL LSS	D
1	4460899	1	Connector	
2	4460464	4	Terminal	
3	4460466	2	Plug	
4	1001186432	2	Connector	
5	1001116720	4	Terminal	
6	1001118388	4	Terminal	
7	4460884	1	Connector	
8	4460465	4	Terminal	

FIGURE 8-71. SKYLINE HARNESS

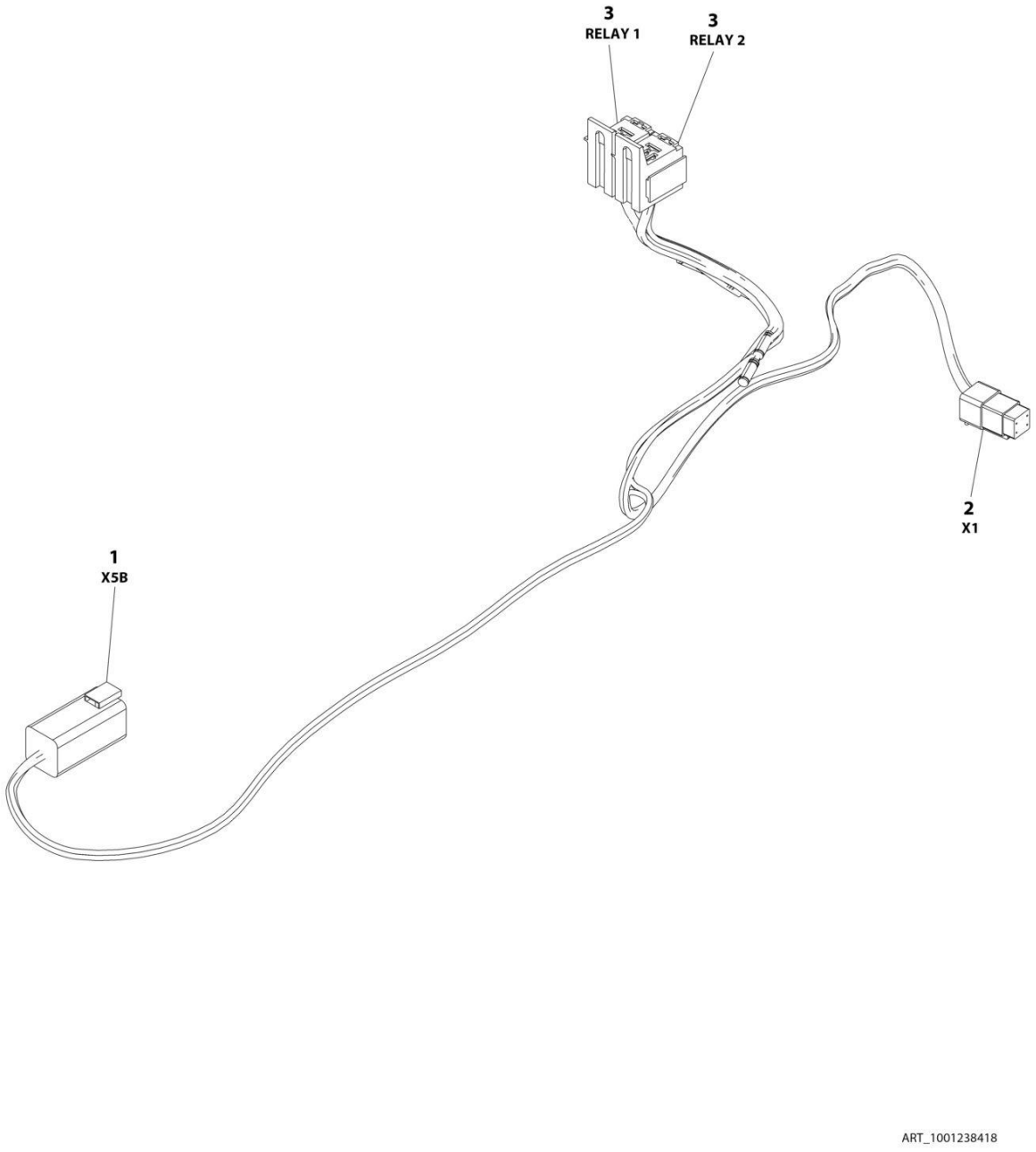


FIGURE 8-71. SKYLINE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238418	Ref	SKYLINE HARNESS	B
1	4460899	1	Connector - 6 Position	
1	4460464	4	Pin, Male	
1	4460466	2	Plug, Terminal	
2	4461077	1	Connector - 4 Position	
2	1001126009	4	Socket, Female	
3	1001186432	2	Plug, Relay	
3	1001118388	5	Terminal	
3	1001118384	3	Terminal	
3	3740086	2	Relay	

FIGURE 8-72. STEERING SENSOR HARNESS

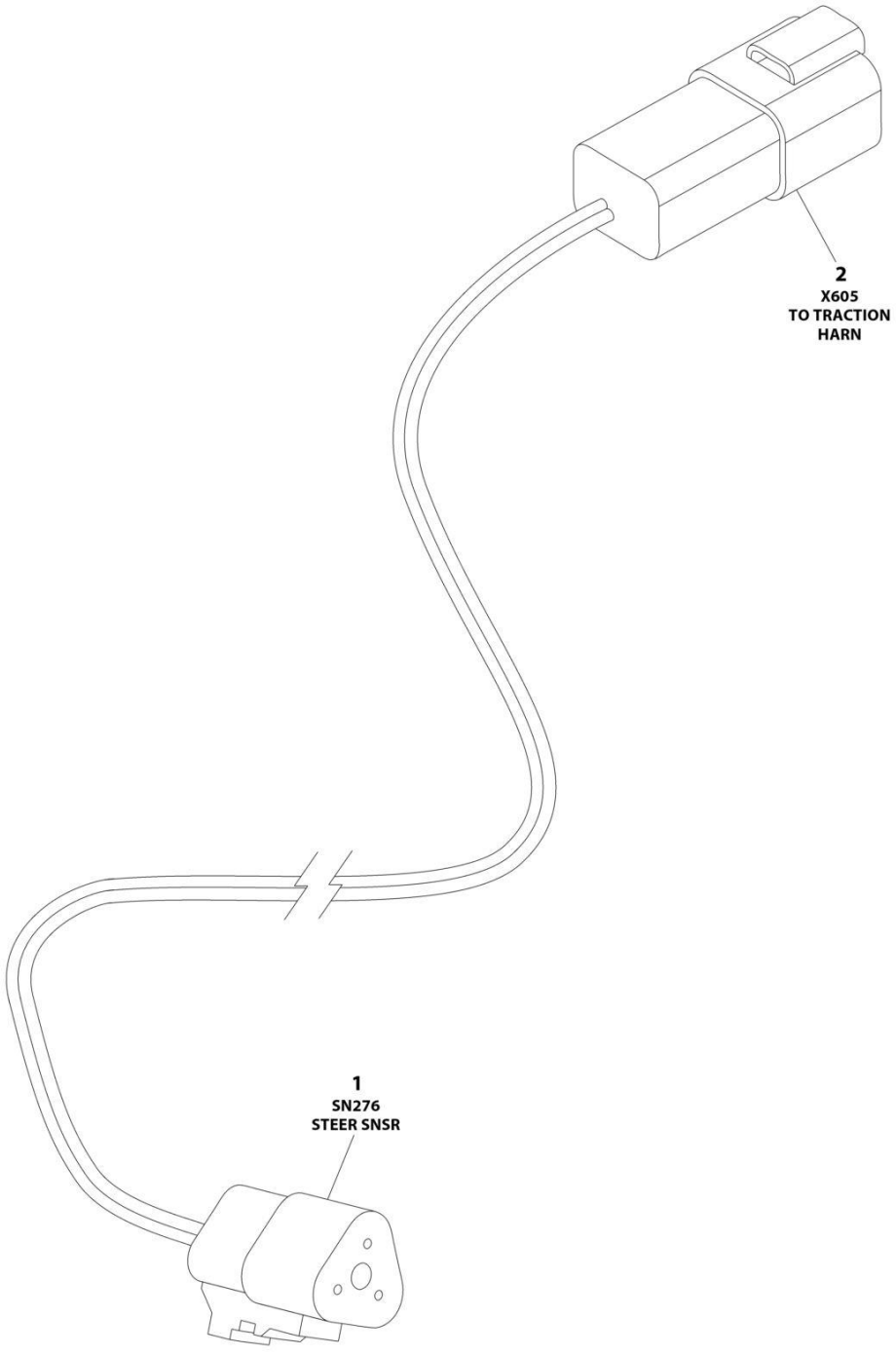


FIGURE 8-72. STEERING SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195835	Ref	STEERING SENSOR HARNESS	C
1	4460539	1	Connector - 4 Position	
1	4460944	3	Socket, Female	
2	4460932	1	Connector - 4 Position	
2	4460464	4	Pin, Male	

FIGURE 8-73. TRACTION HARNESS

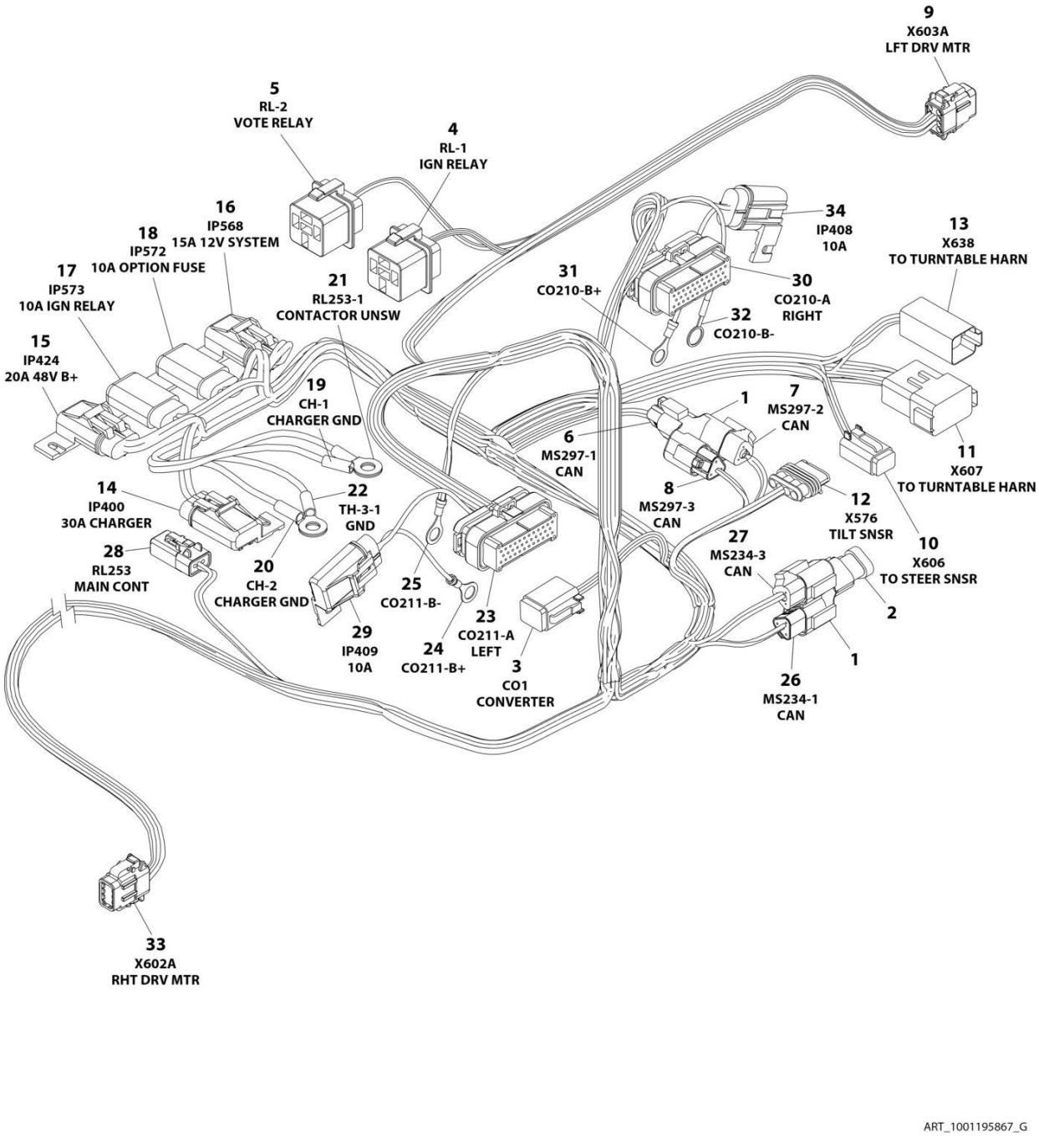


FIGURE 8-73. TRACTION HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195867	Ref	TRACTION HARNESS	G
1	4460945	2	Connector, 3 Way	
2	1001116815	1	Resistor Assembly	
3	4460894	1	Connector - 6 Position	
3	1001157890	5	Socket, Female	
3	1001116692	1	Socket, Female	
4	4460374	1	Plug, Relay	
4	1001116732	4	Terminal	
4	1001116763	2	Seal, Terminal	
5	4460374	1	Plug, Relay	
5	1001116732	2	Terminal	
5	1001116733	2	Terminal	
5	1001116763	2	Seal, Terminal	
6	1001116812	1	Connector - 3 Position	
6	4460944	2	Socket, Female	
6	4460466	1	Plug, Seal	
7	4460539	1	Connector - 3 Position	
7	4460944	2	Socket, Female	
7	4460466	1	Plug, Seal	
8	1001116812	1	Connector - 3 Position	
8	4460944	2	Socket, Female	
8	4460466	1	Plug, Seal	
9	1001190577	1	Connector - 8	
9	1001126008	8	Socket, Female	
10	4460884	1	Connector - 4 Position	
10	4460465	4	Socket, Female	
11	4460950	1	Connector - 12 Position	
11	1001157891	5	Pin, Male	
11	4460464	5	Pin, Male	
11	4460943	2	Pin, Male	
12	1001103012	1	Connector - 4 Position	
12	1001107854	4	Terminal	
12	1001104498	4	Seal	
13	4460899	1	Connector - 6 Position	
13	4460943	2	Pin, Male	
13	1001157891	2	Pin, Male	
13	4460464	2	Pin, Male	
14	1001217844	1	Fuse Holder	
14	1001217842	1	Fuse, Cap Cover	
14	1001170762	1	Fuse, 30Amp	
14	8229236	1	Fuse, 30Amp	
14	1001116734	2	Terminal	
15	1001217844	1	Fuse Holder	
15	1001217842	1	Fuse, Cap Cover	
15	1001170761	1	Fuse, 20Amp	
15	8229235	1	Fuse, 20Amp	
15	1001116734	2	Terminal	
16	1001217844	1	Fuse Holder	
16	1001217842	1	Fuse, Cap Cover	
16	8229237	1	Fuse, 15Amp	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
16	1001116734	2	Terminal	
17	1001217844	1	Fuse Holder	
17	1001217842	1	Fuse, Cap Cover	
17	8229235	1	Fuse, 20Amp	
17	1001116734	2	Terminal	
18	1001217844	1	Fuse Holder	
18	1001217842	1	Fuse, Cap Cover	
18	8229261	1	Fuse, 5Amp	
18	1001116734	1	Terminal	
18	1001116733	1	Terminal	
19	8220045	1	Terminal, Ring	
20	8220045	1	Terminal, Ring	
21	8220045	1	Terminal, Ring	
22	8220045	1	Terminal, Ring	
23	4460873	1	Connector - 35 Position	
23	4460871	15	Socket, Female	
23	4460905	20	Plug, Terminal	
24	4460670	1	Terminal, Ring	
25	4460670	1	Terminal, Ring	
26	1001116812	1	Connector - 3 Position	
26	4460944	2	Socket, Female	
26	4460466	1	Plug, Seal	
27	4460539	1	Connector - 3 Position	
27	4460944	2	Socket, Female	
27	4460466	1	Plug, Seal	
28	1001126245	1	Connector - 2 Position	
28	1001126008	2	Socket, Female	
29	1001217843	1	Fuse Holder	
29	1001217842	1	Fuse, Cap Cover	
29	8229234	1	Fuse, 10Amp	
29	1001116733	2	Terminal	
30	4460873	1	Connector - 35 Position	
30	4460871	12	Socket, Female	
30	4460905	23	Plug, Terminal	
31	4460670	1	Terminal, Ring	
32	4460703	1	Terminal, Ring	
33	1001190577	1	Connector - 8 Position	
33	1001126008	8	Socket, Female	
34	1001217843	1	Fuse Holder	
34	1001217842	1	Fuse, Cap Cover	
34	8229234	1	Fuse, 10Amp	
34	1001116733	2	Terminal	

FIGURE 8-74. TRACTION TO TURNTABLE HARNESS

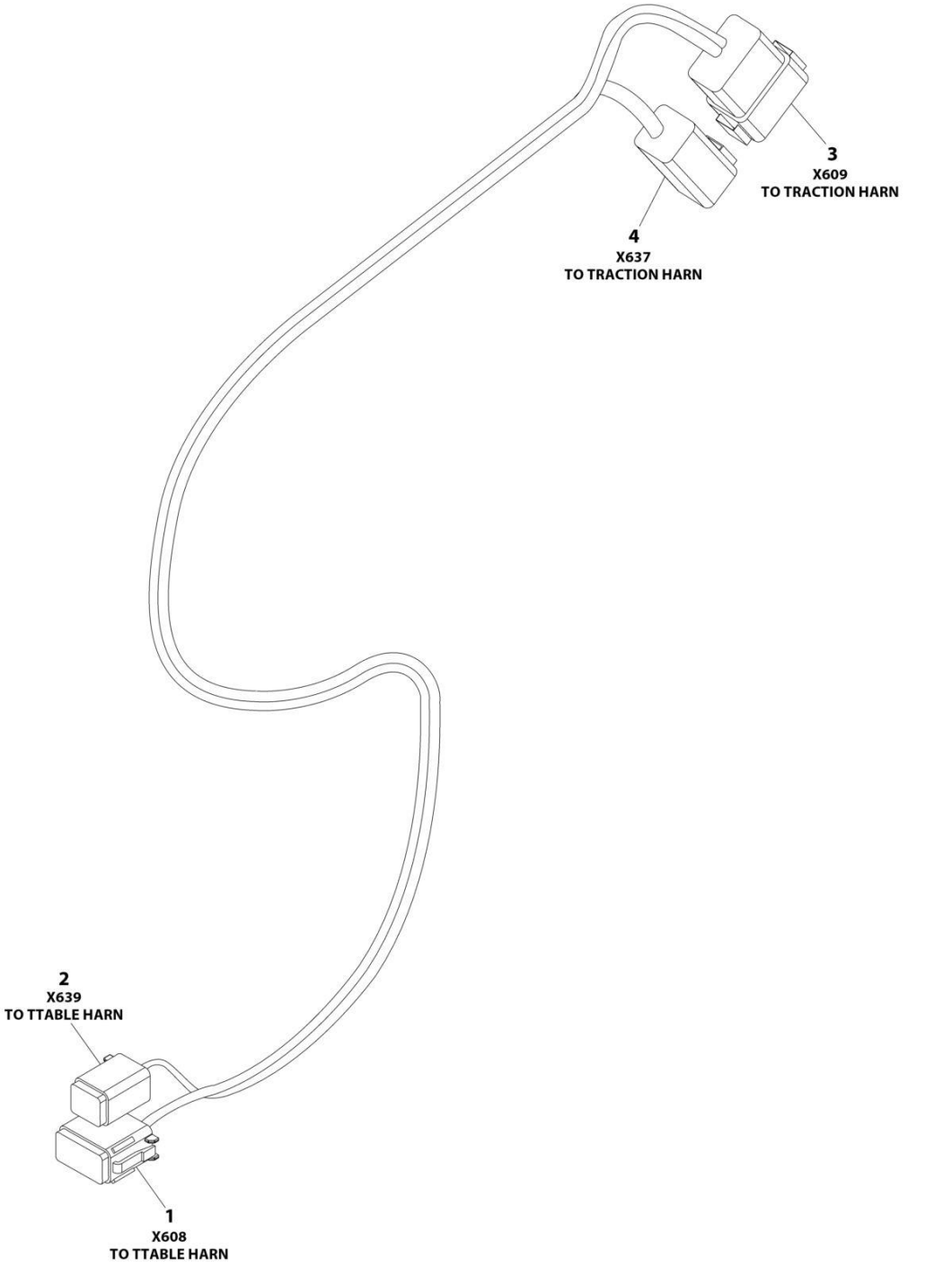


FIGURE 8-74. TRACTION TO TURNTABLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001195836	Ref	TRACTION TO TURNTABLE HARNESS	D
1	4460950	1	Connector - 12 Position	
1	1001157891	5	Pin, Male	
1	4460464	5	Pin, Male	
1	4460943	2	Pin, Male	
2	4460899	1	Connector - 6 Position	
2	1001157891	2	Pin, Male	
2	4460464	2	Pin, Male	
2	4460943	2	Pin, Male	
3	4460836	1	Connector - 12 Position	
3	1001157890	5	Socket, Female	
3	4460465	5	Socket, Female	
3	4460944	2	Socket, Female	
4	4460894	1	Connector - 6 Position	
4	1001157890	2	Socket, Female	
4	4460465	2	Socket, Female	
4	4460944	2	Socket, Female	

FIGURE 8-75. TURNTABLE HARNESS

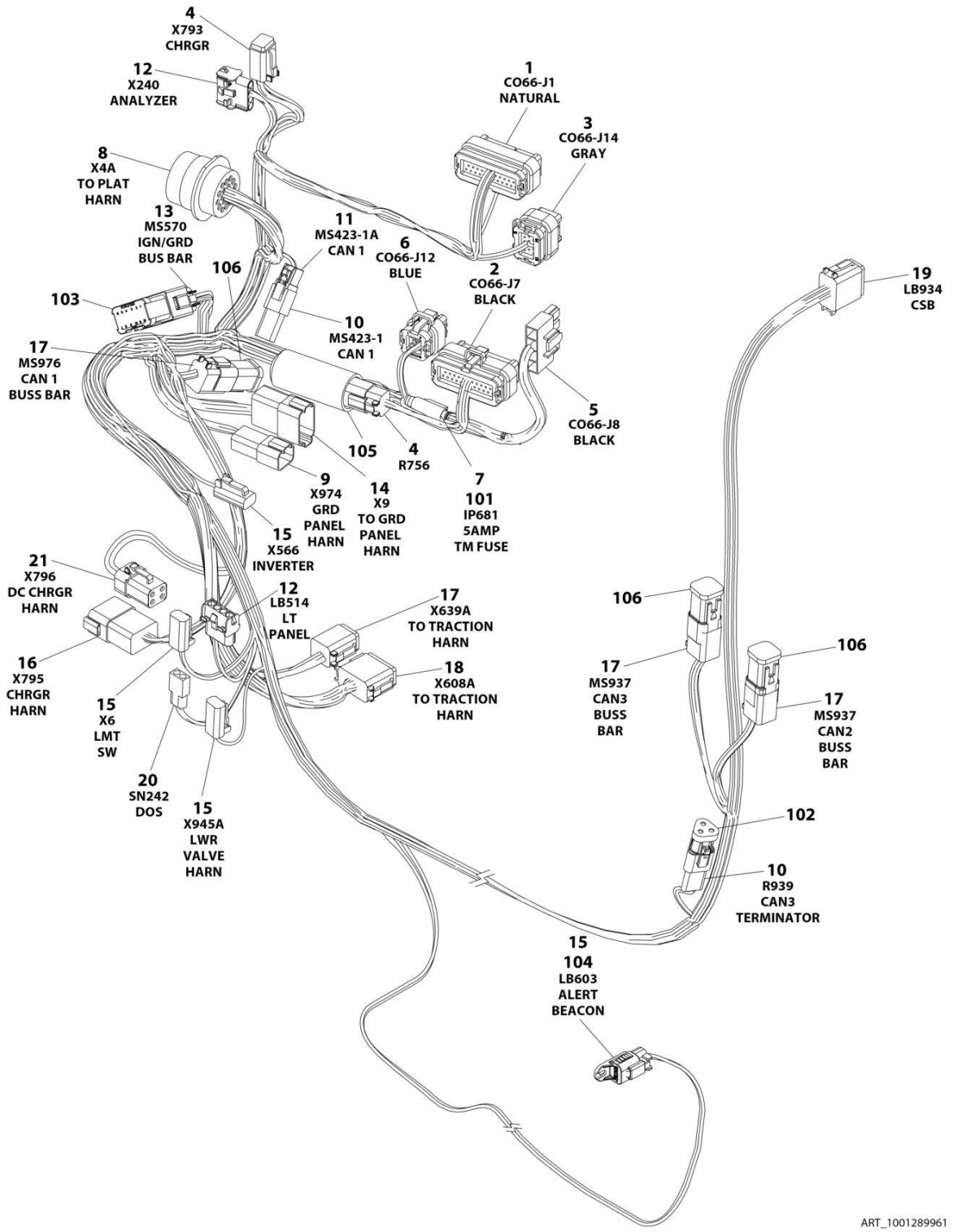


FIGURE 8-75. TURNTABLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001289961	Ref	TURNTABLE HARNESS	A
1	4460874	1	Connector - 35 Position (Natural)	
1	4460871	10	Socket, Female	
1	4460905	25	Plug, Terminal	
2	4460873	1	Connector - 35 Position (Black)	
2	4460871	15	Socket, Female	
2	4460905	20	Plug, Terminal	
3	1001246859	1	Connector - 14 Position	
3	4460871	4	Socket, Female	
3	4460905	10	Plug, Terminal	
4	4460884	2	Connector - 4 Position	
4	4460465	6	Socket, Female	
4	4460942	2	Socket, Female	
5	4460878	1	Connector - 4 Position	
5	4460887	4	Terminal	
6	1001113961	1	Connector - 8 Position	
6	4460871	3	Socket, Female	
6	4460905	5	Plug, Terminal	
7	2400060	1	Fuse Holder with Cover	
8	4460866	1	Connector - 19 Pin	
8	4460464	7	Pin, Male	
8	4460508	4	Pin, Male	
8	4460943	2	Pin, Male	
8	4460466	6	Plug, Seal	
9	4460932	1	Connector - 4 Position	
9	4460464	4	Pin, Male	
10	1001144147	2	Connector - 3 Position	
10	4460943	4	Socket, Female	
10	4460466	2	Plug, Terminal	
11	1001116812	1	Connector - 3 Position	
11	4460944	2	Socket, Female	
11	4460466	1	Plug, Terminal	
12	4460761	2	Connector, Female - 4 Position	
12	4460227	6	Socket, Female	
13	4460933	1	Connector - 12 Position (Gray)	
13	4460465	2	Socket, Female	
13	4460942	3	Socket, Female	
13	4460509	1	Socket, Female	
13	4460466	6	Plug, Terminal	
14	4460931	1	Connector - 8 Position	
14	1001157891	2	Pin, Male	
14	1001116693	5	Pin, Male	
14	4460466	1	Plug, Terminal	
15	4460891	4	Connector - 2 Position	
15	4460465	6	Pin, Male	
15	4460466	2	Plug, Terminal	
16	4460931	1	Connector - 8 Position	
16	4460464	7	Pin, Male	
16	4460466	1	Plug, Terminal	
17	4460894	4	Connector - 6 Position	

SECTION 8 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	1001157890	2	Socket, Female	
17	4460465	20	Socket, Female	
17	4460944	2	Socket, Female	
18	4460836	1	Connector - 12 Position	
18	1001157890	5	Socket, Female	
18	4460465	5	Socket, Female	
18	4460944	2	Socket, Female	
19	4460930	1	Connector - 8 Position	
19	4460465	8	Socket, Female	
20	4460424	1	Connector - 2 Position	
20	4460226	2	Socket, Female	
21	1001116810	1	Connector – 4 Position	
21	4460509	2	Socket, Female	
21	4460466	2	Plug, Terminal	
101	8229242	1	Fuse 5 Amp	
102	1001116815	1	Connector	
103	1001125677	1	Buss Bar - 12 Position	
104	1001144295	1	Cap, Dust	
105	1001186231	1	Connector, Can Terminal	
106	1001226541	3	Buss Bar - 6 Position	

FIGURE 8-76. VALVE HARNESS - BOOM VALVE

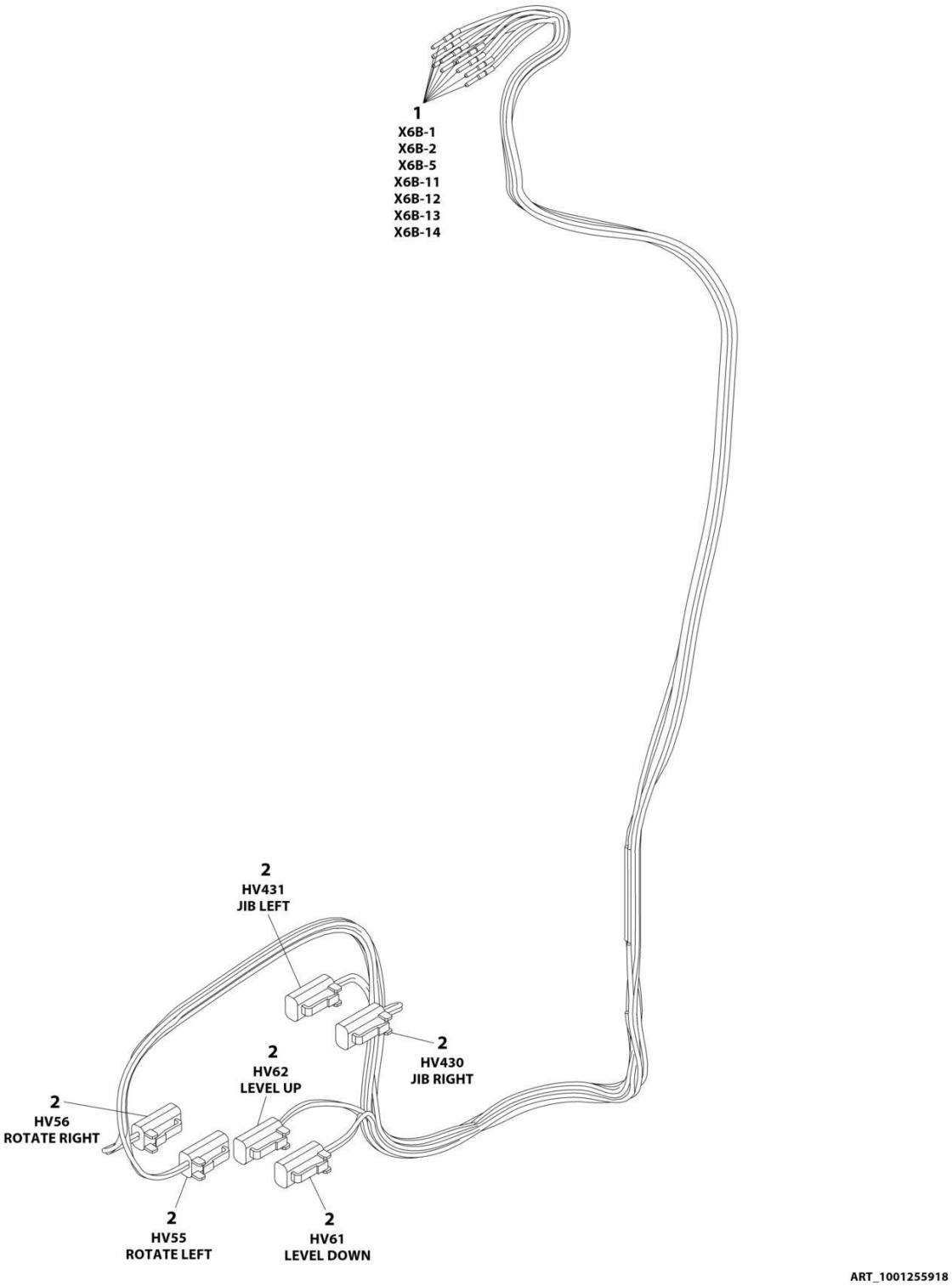


FIGURE 8-76. VALVE HARNESS - BOOM VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001255918	Ref	VALVE HARNESS - BOOM VALVE	A
1	4460227	7	Pin, Male	
2	4460891	6	Plug, Male - 2 Position	
2	4460465	12	Socket, Female	

FIGURE 8-77. VALVE HARNESS – MAIN CONTROL VALVE

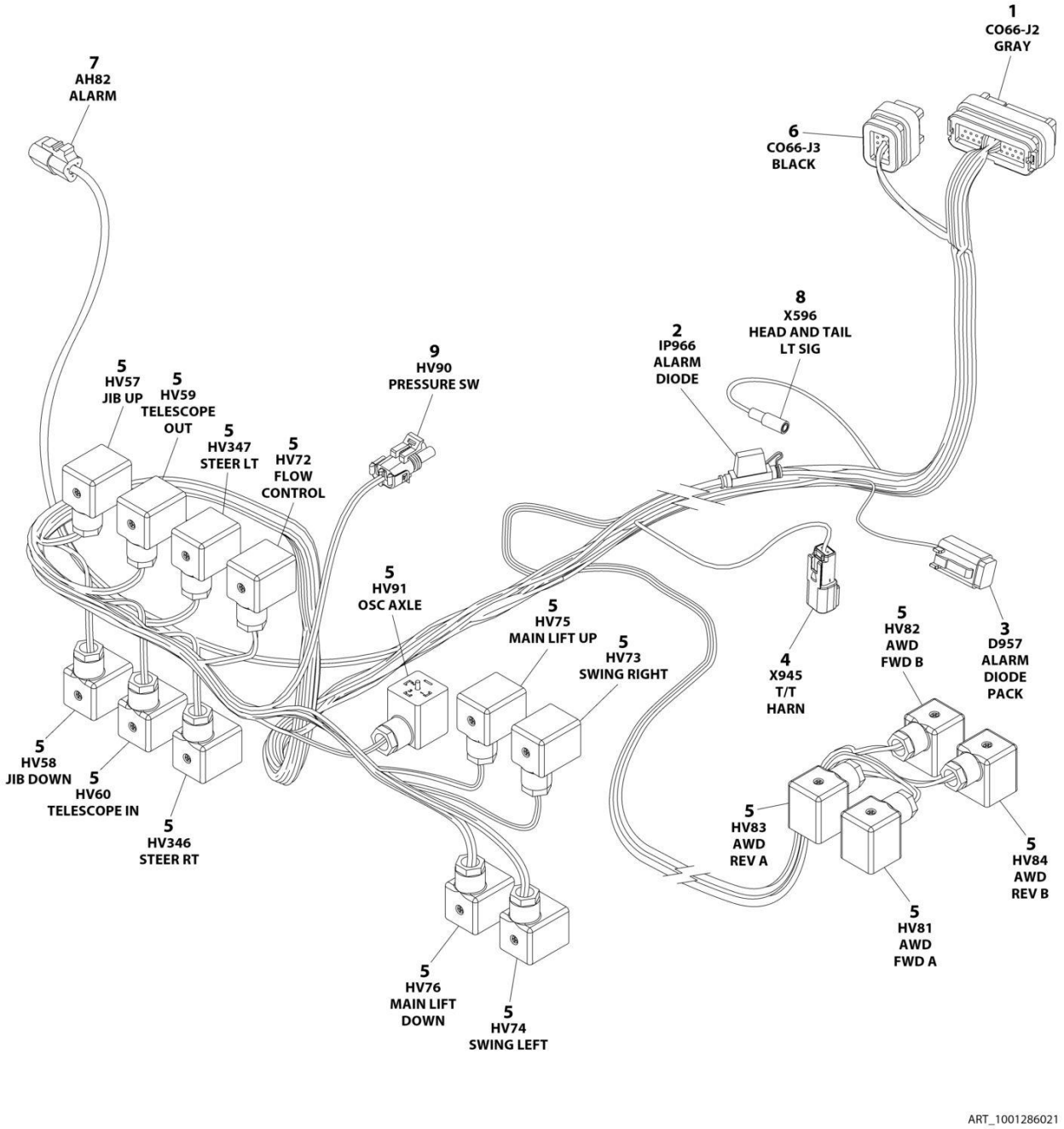


FIGURE 8-77. VALVE HARNESS – MAIN CONTROL VALVE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286021	Ref	VALVE HARNESS - MAIN CONTROL VALVE	A
1	4460875	1	Connector - 35 Position (Gray)	
1	4460871	26	Socket, Female	
1	4460905	9	Plug, Terminal	
2	1001170764	1	Diode - 1Amp	
3	4460884	1	Connector - 4 Position	
3	4460465	4	Socket, Female	
4	4460897	1	Connector - 2 Position	
4	4460464	1	Pin, Male	
4	4460466	1	Plug, Terminal	
5	4460449	16	DIN Connector without Diode	
6	4460872	1	Connector - 14 Position	
6	4460871	4	Socket, Female	
6	4460905	10	Plug, Terminal	
7	4460539	1	Connector - 3 Position	
7	4460465	3	Socket, Female	
8	8220068	1	Terminal	
9	4460742	1	Connector - 2 Position	
9	4460743	2	Terminal, Female	
9	4460458	2	Seal, Cable	

FIGURE 8-78. WHITE NOISE ALARM HARNESS

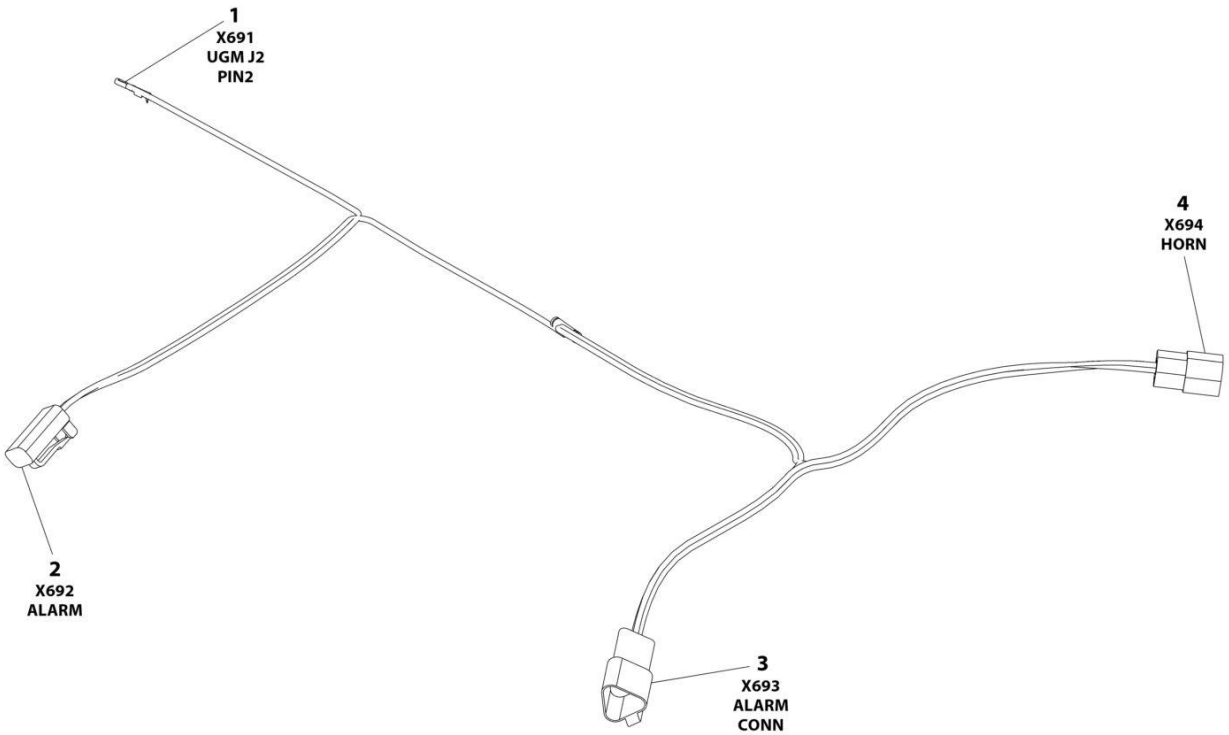


FIGURE 8-78. WHITE NOISE ALARM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231007	Ref	WHITE NOISE ALARM INSTALLATION	B
1	4460871	1	Terminal	
2	4460891	1	Plug, Male - 2 Position	
2	4460465	2	Socket, Female	
3	4460536	1	Receptacle, Female - 3 Position	
3	4460464	3	Pin, Male	
4	4460539	1	Plug, Male - 3 Position	
4	4460465	3	Socket, Female	

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FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT, CHINA & UL SPECS (ENGLISH LANGUAGE)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FORALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLTION.

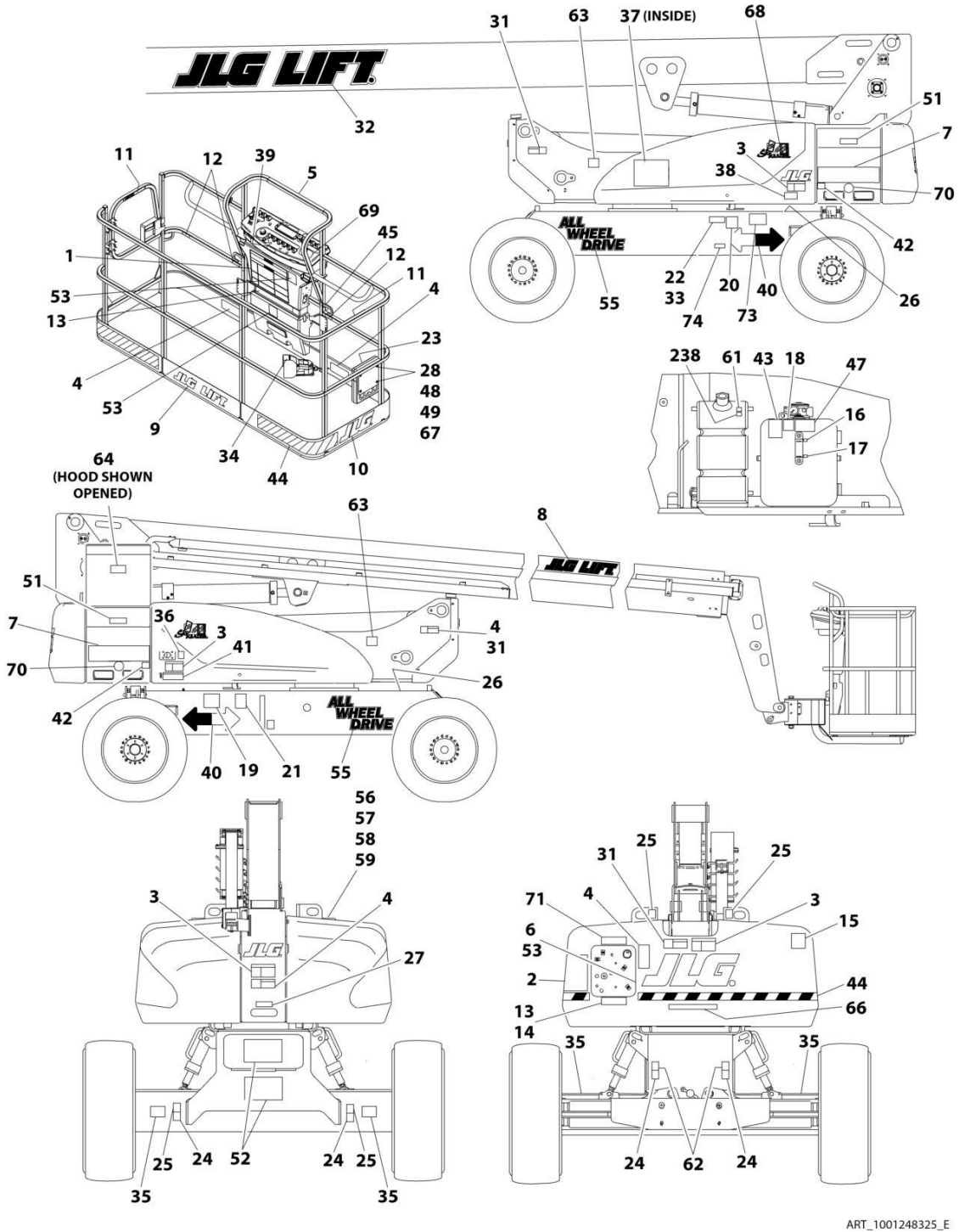


FIGURE 9-1. DECAL INSTALLATION - ANSI, ANSI EXPORT, CHINA & UL SPECS (ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248325	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1703797	1	Decal - Danger/Warning (Platform)	
2	1704575	1	Decal - Danger/Warning (MTB)	
3	1703805	4	Decal - Electrocution	
4	1703804	3	Decal - Crushing	
11	1702868	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253920	1	Decal - Warning / Capacity	
14	1001253921	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Barcode (Note: Not Available for Purchase)	
21	1001131269	1	Decal - Patent	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
27	3251243	1	Nameplate	
28	0860520	1	Box, Manual Storage	
31	1703953	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	3252347	1	Nameplate - Footswitch	
35	1704708	4	Decal - Max Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1702901	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704248	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
46	1001231801	1	Decal - Prop 65	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1703813	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1702391	2	Decal - Warning Hand Crushing	
64	1704725	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4	
69	1705351	1	Decal - Drive/Steer Instructions	
73	1001223055	1	Decal - Yearly Inspection	
74	1001228370	1	Decal - ICES (Canada Spec)	

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FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN, CE & UK CA SPECS (ENGLISH LANGUAGE)

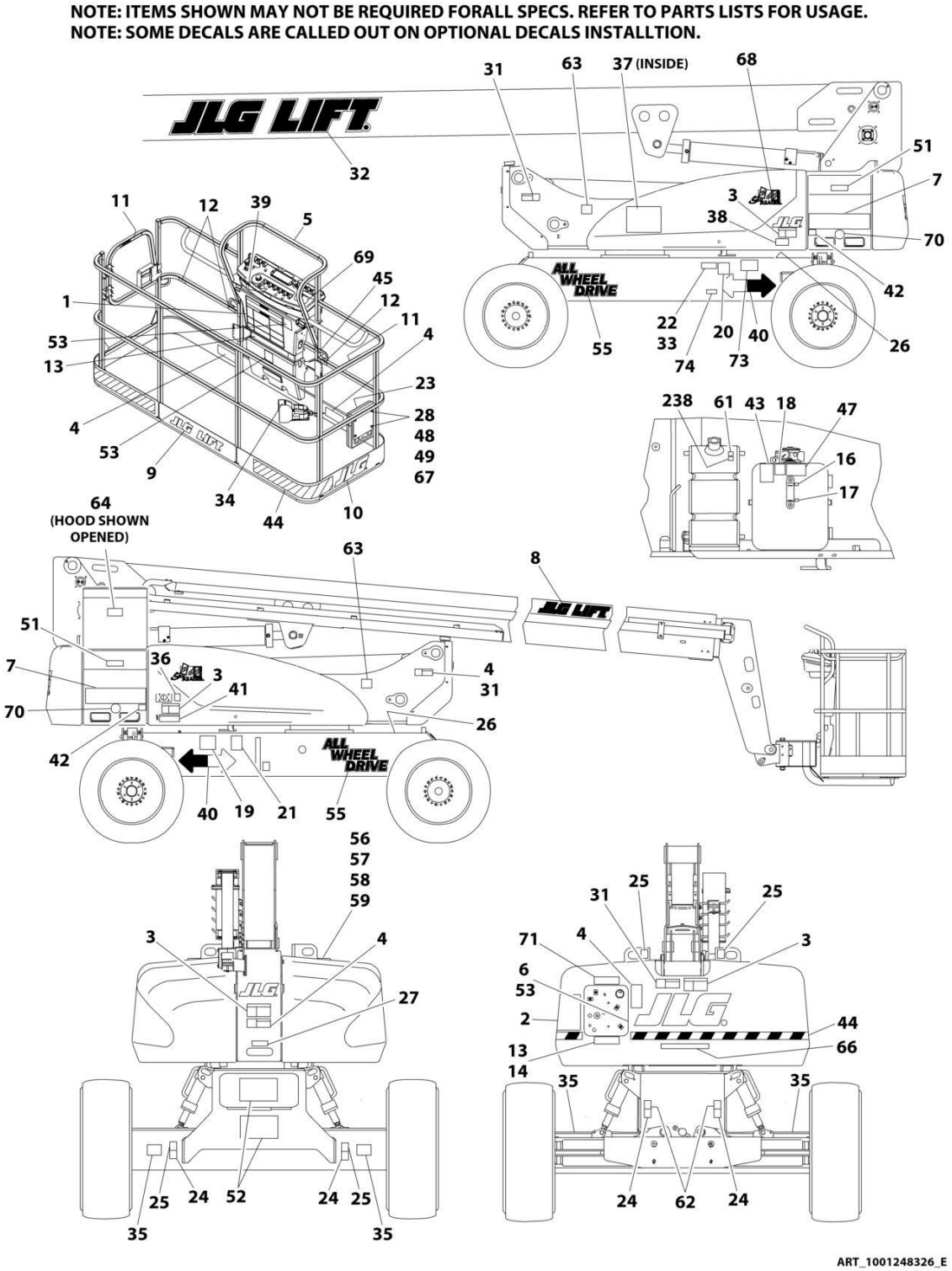


FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN, CE & UK CA SPECS (ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248326	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1705921	1	Decal - Danger/Caution (Platform)	
2	1705822	1	Decal - Danger/Caution (MTB)	
4	1701518	6	Decal - Crushing	
12	1704277	3	Decal - Attach Lanyard	
13	1705978	2	Decal - 500 LBS Max Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
33	3820001	4	Rivet	
34	1705828	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1706392	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1706378	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1705670	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704728	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	

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FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (PORTUGUESE/SPANISH LANGUAGES)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FORALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLTION.

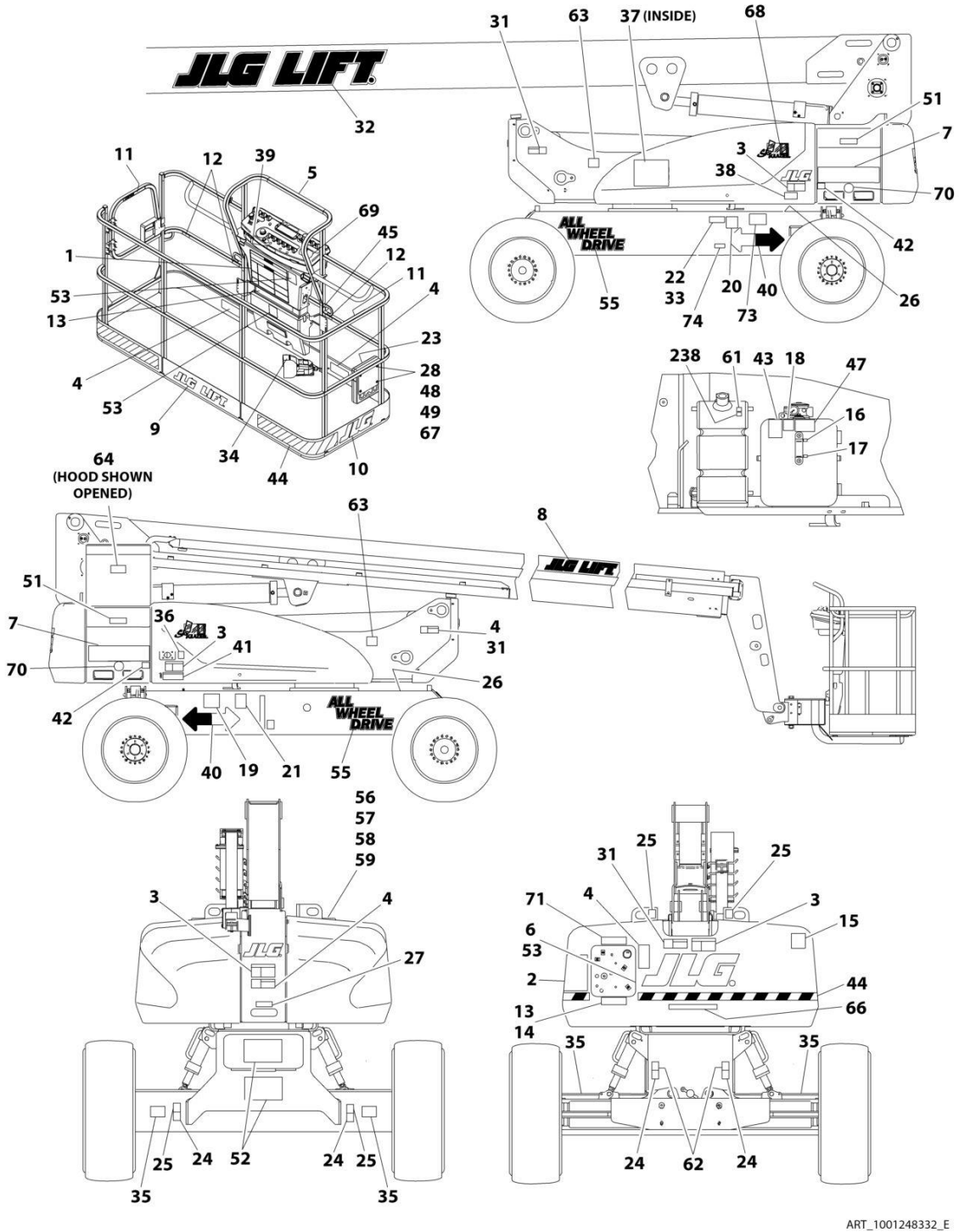


FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (PORTUGUESE/SPANISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248332	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1703928	1	Decal - Danger/Warning (Platform)	
3	1703940	4	Decal - Electrocution	
4	1703952	3	Decal - Crushing	
11	1704002	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253928	1	Decal - Warning / Capacity	
14	1001253929	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
27	3251243	1	Nameplate 120V/60Hz	
28	0860520	1	Box, Manual Storage	
31	1703946	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703985	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704118	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704330	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704341	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703934	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704618	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1001113680	1	Decal - Drive/Steer Instructions	
73	1001224052	1	Decal - Yearly Inspection	

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FIGURE 9-4. DECAL INSTALLATION - CHINESE SPECS (CHINESE/ENGLISH LANGUAGES)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FORALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLTION.

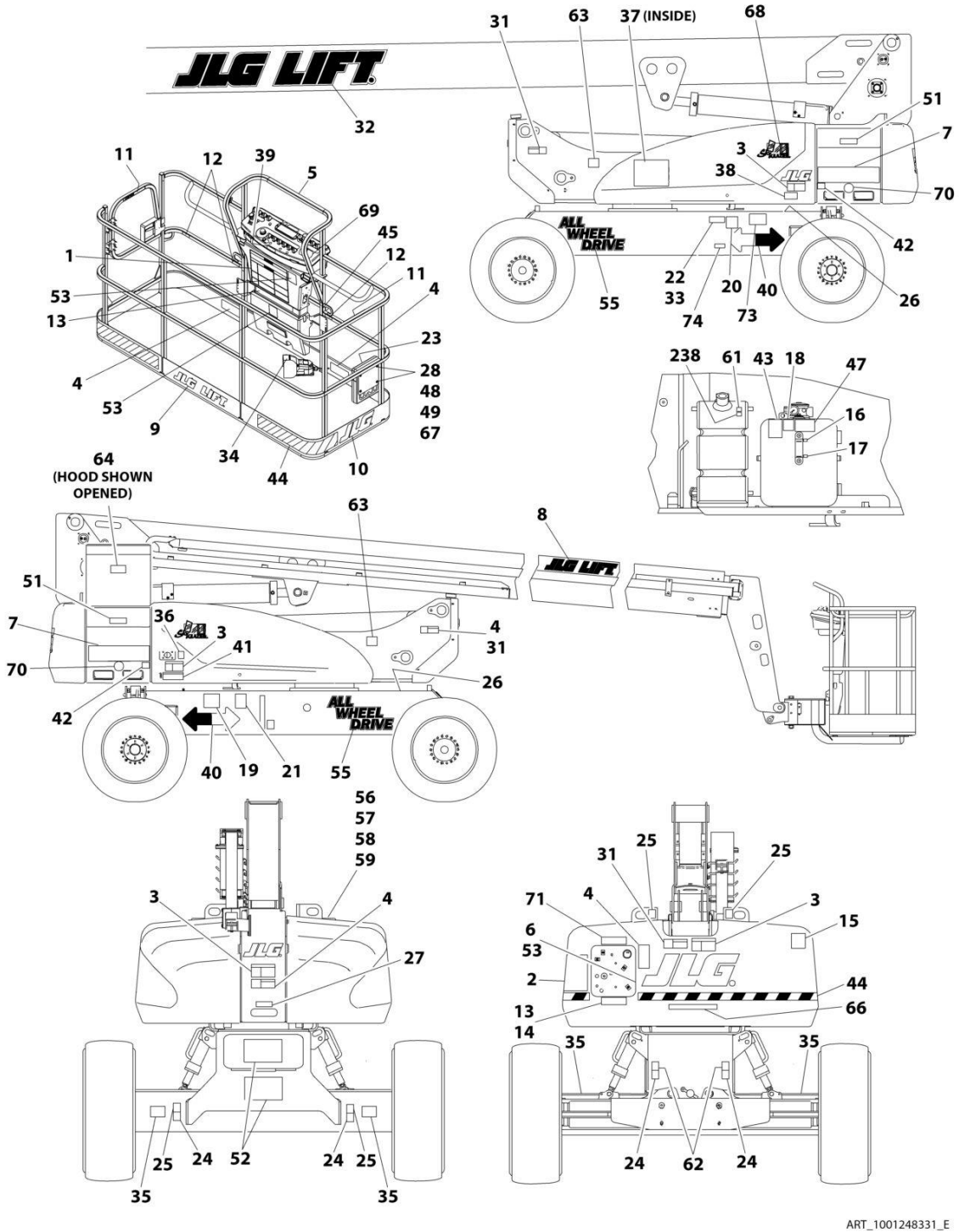


FIGURE 9-4. DECAL INSTALLATION - CHINESE SPECS (CHINESE/ENGLISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248331	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1703925	1	Decal - Danger/Warning (Platform)	
3	1703937	4	Decal - Electrocution	
4	1703949	3	Decal - Crushing	
11	1001116846	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253926	1	Decal - Warning / Capacity	
14	1001253927	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
31	1703943	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703982	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704121	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704333	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704344	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703931	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704731	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705430	1	Decal - Drive/Steer Instructions (Machines with Drive Orientation Only)	
73	1001224050	1	Decal - Yearly Inspection	

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FIGURE 9-5. DECAL INSTALLATION - CSA & UL SPECS (ENGLISH/FRENCH LANGUAGES)

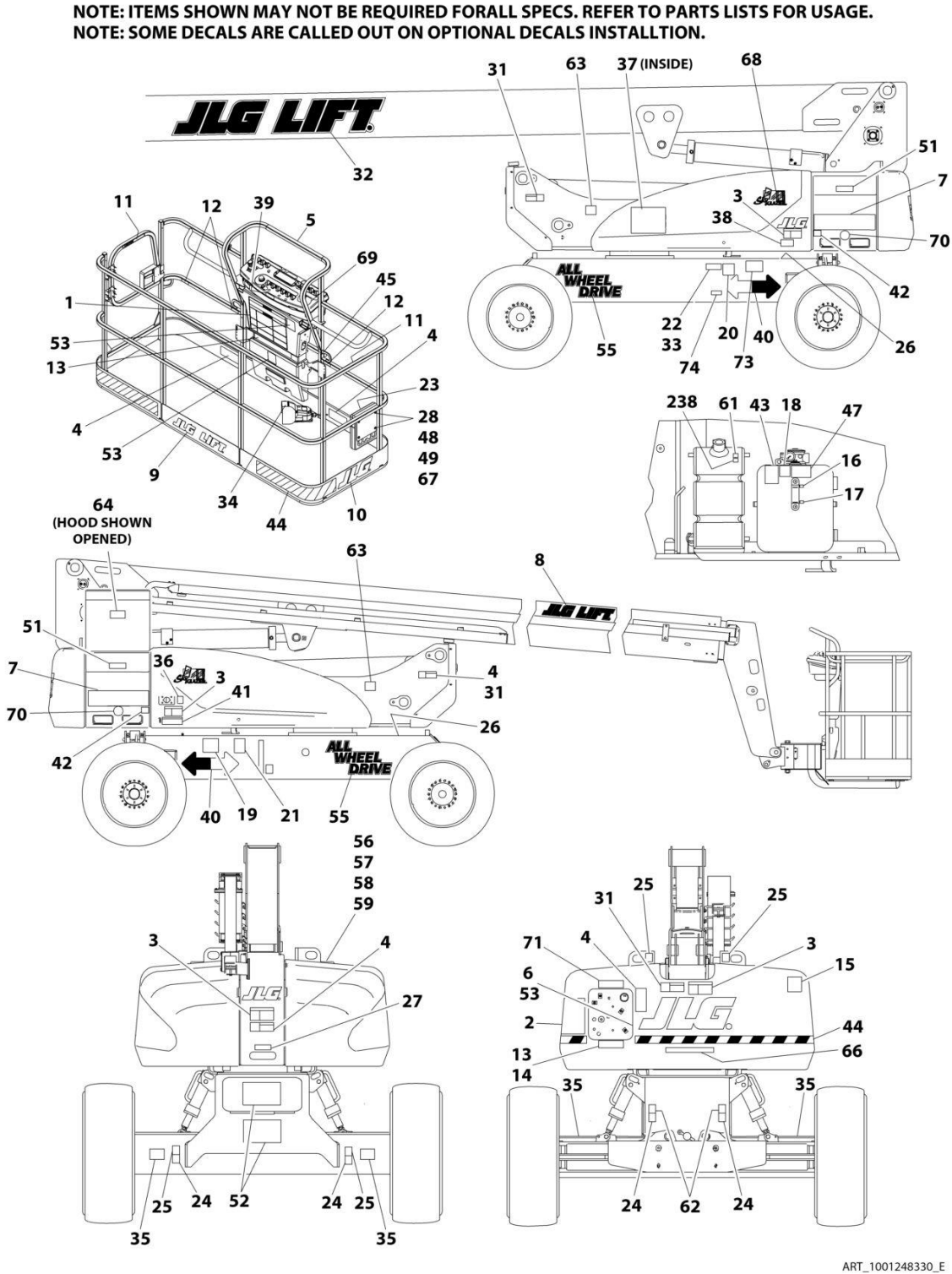


FIGURE 9-5. DECAL INSTALLATION - CSA & UL SPECS (ENGLISH/FRENCH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248330	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1703924	1	Decal - Danger/Warning (Platform)	
3	1703936	4	Decal - Electrocution	
4	1703948	3	Decal - Crushing	
11	1704000	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253922	1	Decall - Warning / Capacity	
14	1001253923	1	Decall - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
21	1001131269	1	Decal - Patent	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	4	Decal - Arrow	
27	3251243	1	Nameplate 120V/60Hz	
28	0860520	1	Box, Manual Storage	
31	1703942	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703984	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704116	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704329	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704340	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703930	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704733	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705429	1	Decal - Drive/Steer Instructions (Machines with Drive Orientation Only)	
73	1001223971	1	Decal - Yearly Inspection	
74	1001228370	1	Decal - ICES (Canada Spec)	

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FIGURE 9-6. DECAL INSTALLATION - JAPANESE SPECS (JAPANESE LANGUAGE)

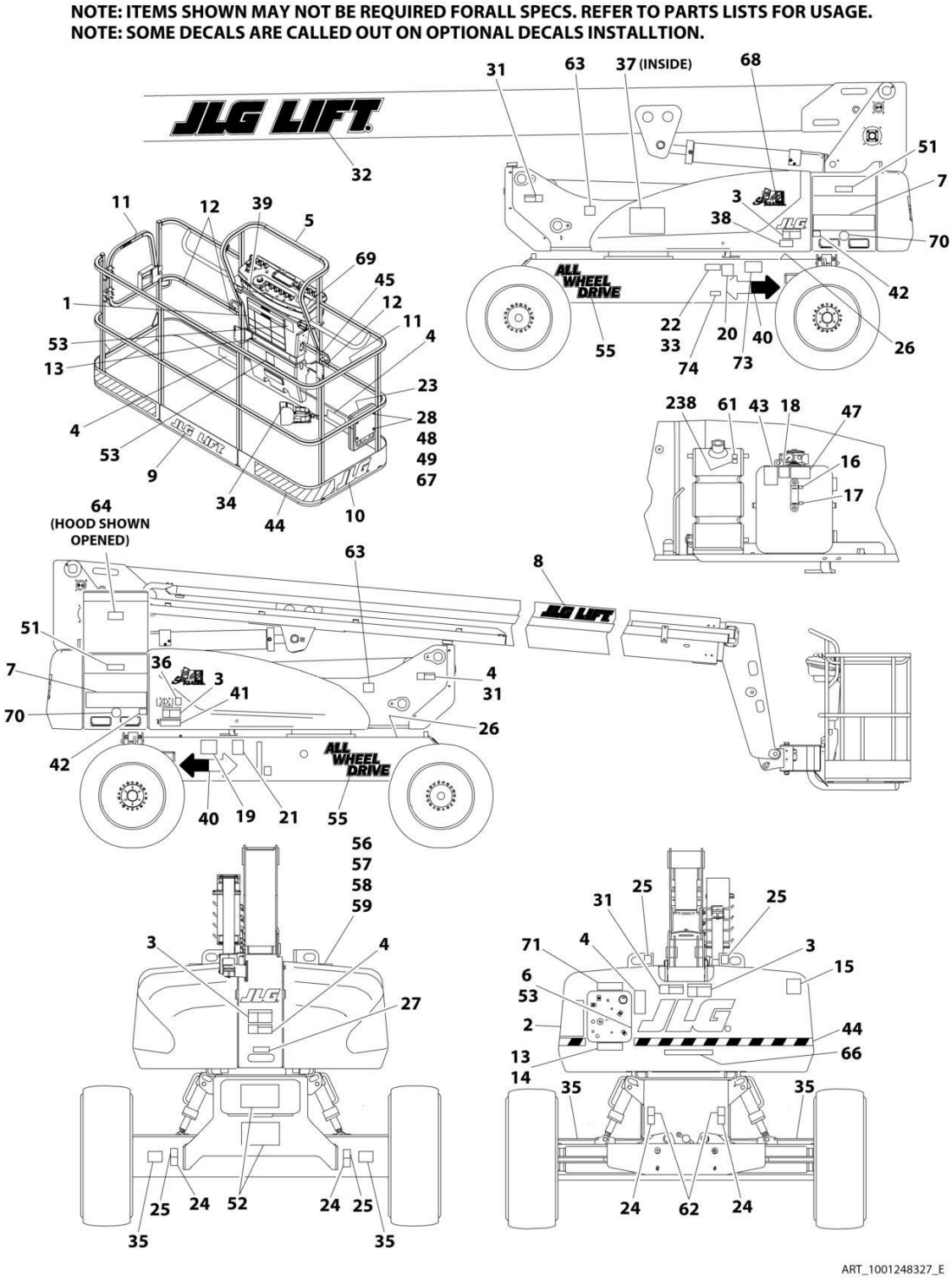


FIGURE 9-6. DECAL INSTALLATION - JAPANESE SPECS (JAPANESE LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248327	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1703926	1	Decal - Danger/Warning (Platform)	
2	1704667	1	Decal - Danger/Warning (MTB)	
3	1703938	4	Decal - Electrocution	
4	1703950	3	Decal - Crushing	
12	1704277	3	Decal - Attach Lanyard	
13	1001253932	1	Decal - Warning / Capacity	
14	1001253933	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
31	1703944	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703980	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704119	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704331	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704342	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704671	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705426	1	Decal - Drive/Steer Instructions (Machines with Drive Orientation Only)	
73	1001224053	1	Decal - Yearly Inspection	

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FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (KOREAN LANGUAGE)

NOTE: ITEMS SHOWN MAY NOT BE REQUIRED FORALL SPECS. REFER TO PARTS LISTS FOR USAGE.
NOTE: SOME DECALS ARE CALLED OUT ON OPTIONAL DECALS INSTALLTION.

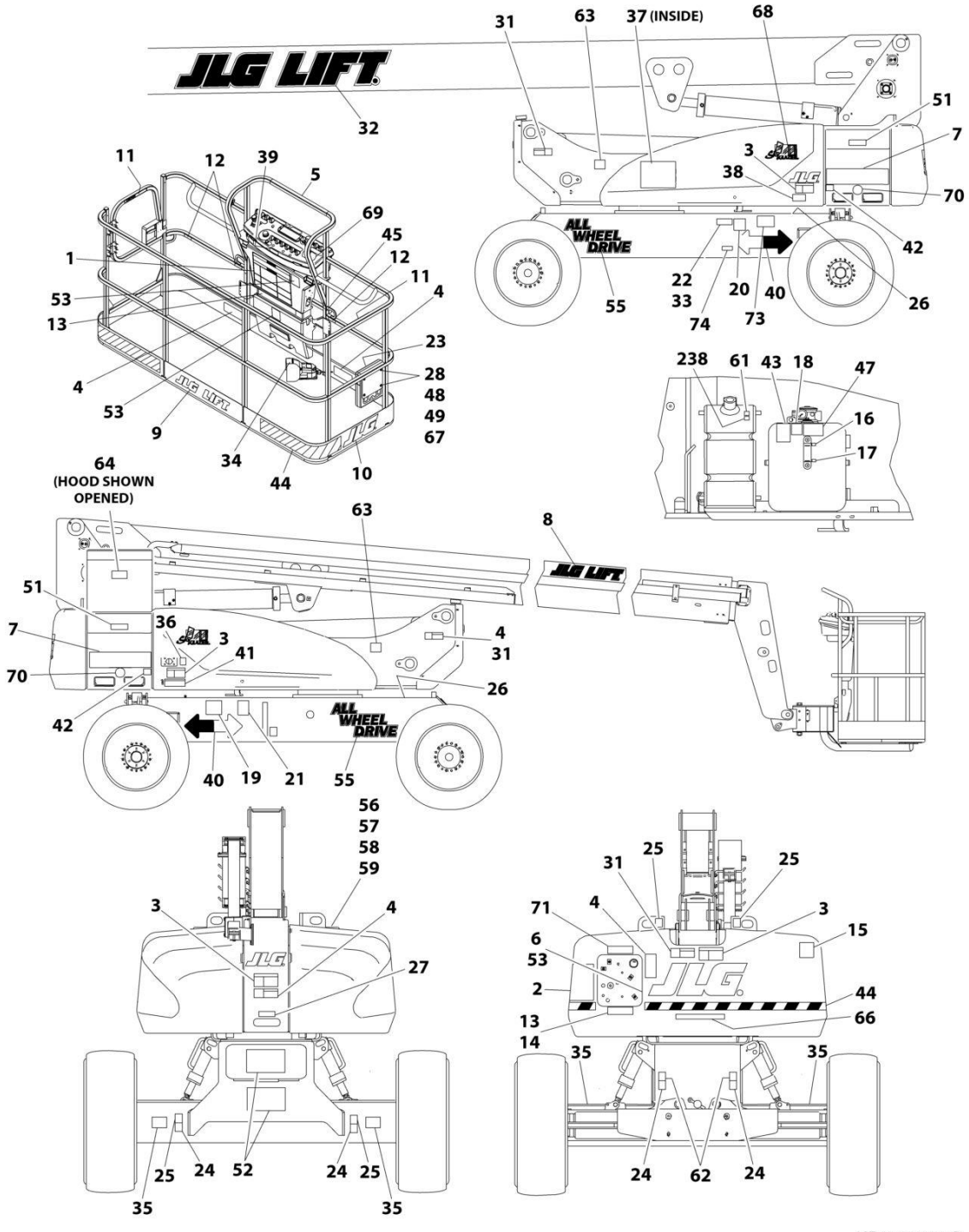


FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (KOREAN LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248328	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1703927	1	Decal - Danger/Warning (Platform)	
2	1704668	1	Decal - Danger/Warning (MTB)	
3	1703939	4	Decal - Electrocution	
4	1703951	3	Decal - Crushing	
12	1704277	3	Decal - Attach Lanyard	
13	1001253924	1	Decal - Warning/ Capacity	
14	1001253925	1	Decal - Warning/ Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
28	0860520	1	Box, Manual Storage	
31	1703945	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703981	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704120	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704332	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704343	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704670	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4 (Not Shown)	
69	1705427	1	Decal - Drive/Steer Instructions	
73	1001224048	1	Decal - Yearly Inspection	

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FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (SPANISH/ENGLISH LANGUAGES)

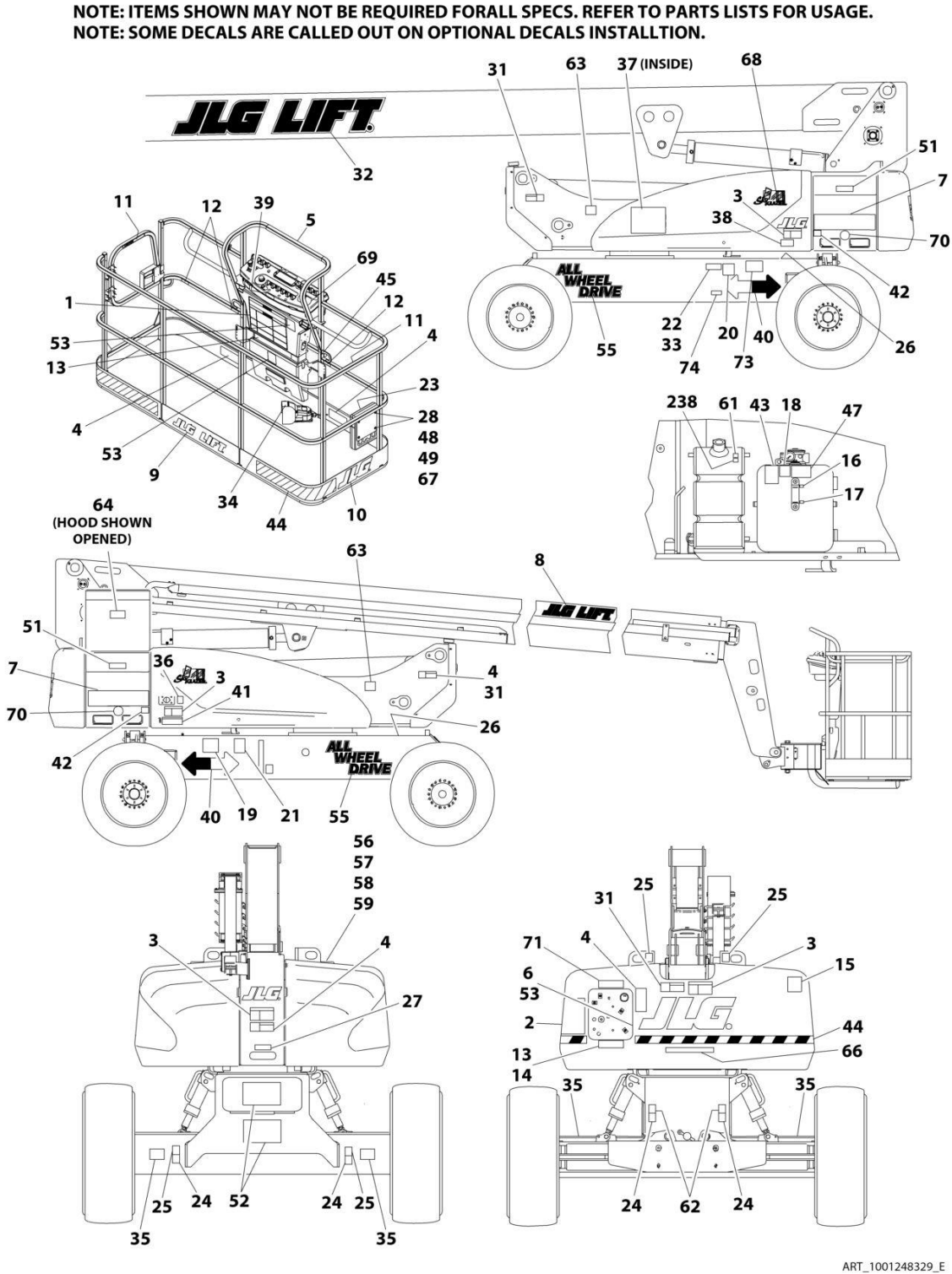


FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (SPANISH/ENGLISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001248329	Ref	DECAL INSTALLATION	E
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
1	1703923	1	Decal - Danger/Warning (Platform)	
3	1703935	4	Decal - Electrocution	
4	1703947	3	Decal - Crushing	
11	1704001	2	Decal - No Hands	
12	1704277	3	Decal - Attach Lanyard	
13	1001253930	1	Decal - Warning / Capacity	
14	1001253931	1	Decal - Warning / Capacity	
16	1701502	1	Decal - Hydraulic Oil Level High	
17	1701503	1	Decal - Hydraulic Oil Level Low	
18	1701504	1	Decal - Hydraulic Oil	
20	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
23	1701509	1	Decal - Manual	
24	1702300	6	Decal - Tie Down	
25	1701500	4	Decal - Lift	
26	1701529	2	Decal - Arrow	
27	3251243	1	Nameplate 120V/60Hz	
28	0860520	1	Box, Manual Storage	
31	1703941	3	Decal - Warning/Crushing	
33	3820001	2	Rivet	
34	1703983	1	Nameplate - Footswitch	
35	1704708	4	Decal - Maximum Tire Load	
36	1701644	1	Decal - Charger	
37	1001261130	1	Decal - Manual Descent	
38	1704117	1	Decal - Instructions Inside	
40	1701501	2	Decal - Arrow	
41	1704328	1	Decal - Battery Charger Instructions	
42	1702155	2	Decal - Battery Disconnect	
43	1704412	1	Decal - Oil Chart	
48	3311405	4	Nut 1/4	
49	4751400	4	Washer 1/4	
51	1704339	2	Decal - Warning Battery Ventilation	
52	1001284695	1	Decal - Lift Diagram	
54	1001209679	1	Decal - Cable Routing	
60	1703929	1	Decal - Danger/Caution	
62	1701499	2	Decal - No Lift	
63	1701517	2	Decal - Warning Hand Crushing	
64	1704732	2	Decal - Tip Over (Battery Weight)	
66	1704885	1	Decal - Website	
67	0641406	4	Bolt 1/4 x 3/4	
69	1705910	1	Decal - Drive/Steer Instructions	
73	1001224049	1	Decal - Yearly Inspection	

FIGURE 9-9. DECALS INSTALLATION - OPTIONS

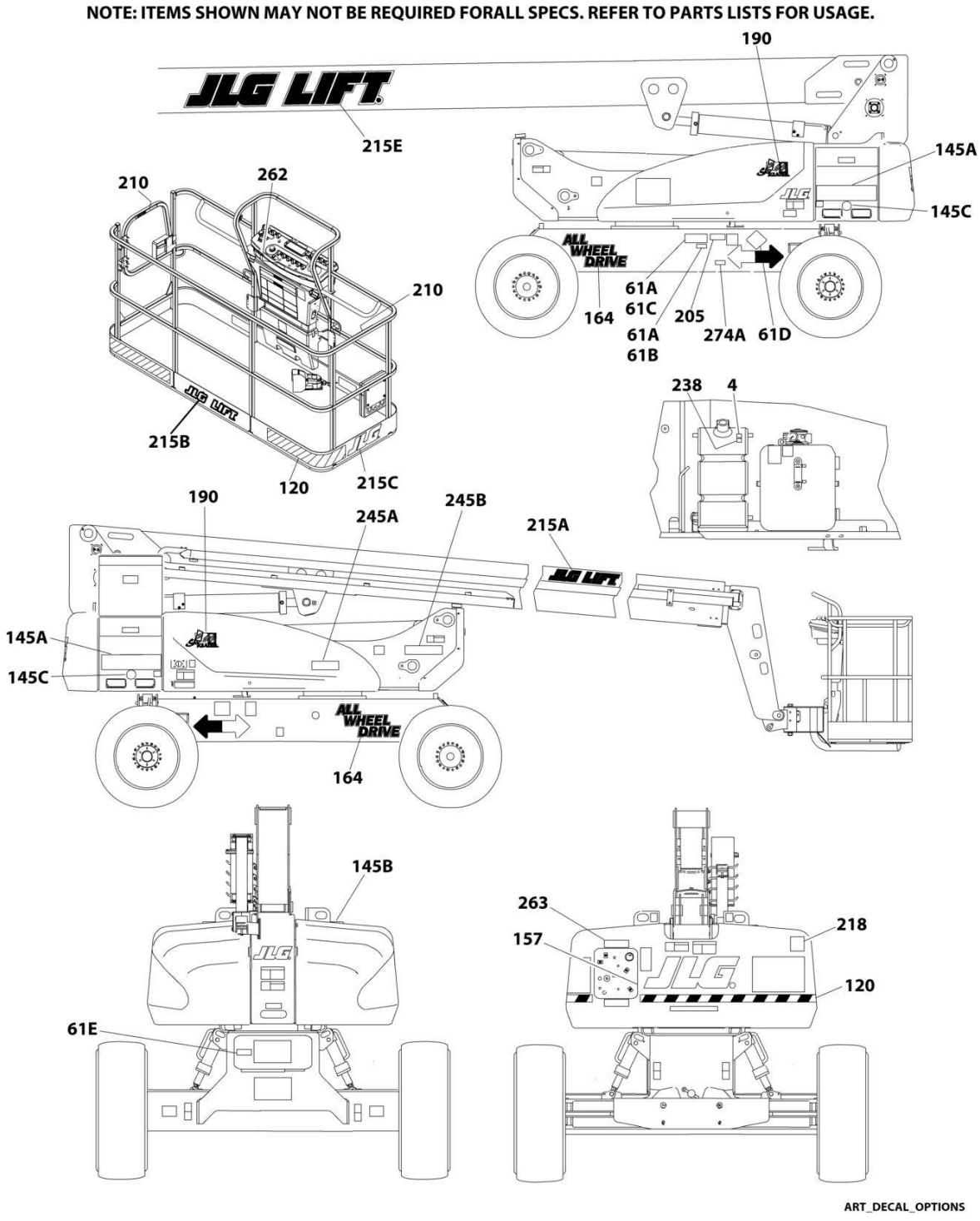


FIGURE 9-9. DECALS INSTALLATION - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001263600	Ref	DECAL INSTALLATION - OPTIONS	
	1001249148	Ref	DECAL INSTALLATION - REFERENCE CHART	F
4	1701505	1	Decal - Fuel (H600SJ/H600SJP)	
61	0270430	Ref	Decal Installation - UL Tags	B
61A	3820001	8	Pop Rivet	
61B	3252331	1	Nameplate - Battery Info	
61C	3252780	1	Nameplate - UL Certification Tag	
61D	1702251	2	Nameplate - EE	
61E	1001213625	1	Decal - Replacement Fuse 400 Amp	
120	4420051	15.5 ft/ 4.7m	Decal - Warning Stripes	
145	1001256653	Ref	Model Designation Decal Installation - EC600SJ	B
145	1001256656	Ref	Model Designation Decal Installation - EC600SJP	B
145	1001256654	Ref	Model Designation Decal Installation - H600SJ	B
145	1001256655	Ref	Model Designation Decal Installation - H600SJP	B
145A	1001267318	2	Decal - EC600SJ	
145A	1001267320	2	Decal - EC600SJP	
145A	1001267326	2	Decal - H600SJ	
145A	1001267327	2	Decal - H600SJP	
164	1704724	2	Decal - All Wheel Drive 4WD	
190	0272418	Ref	Decal - SkyGlazier	4
190	1705358	2	Decal - SkyGlazier	
205	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
210	1702868	2	Decal - No Hands (ANSI Specs)	
210	1001116846	2	Decal - No Hands (Chinese/English Specs)	
210	1001246659	2	Decal - No Hands (Danish/English Specs)	
210	1704000	2	Decal - No Hands (French/English Specs)	
215A	1702860	1	Decal - JLG Lift	
215B	1702774	1	Decal - JLG Lift	
238	1001108923	1	Decal - EPA/Carb Fuel Spec Only (H600SJ/H600SJP ANSI & CSA Specs)	
238	1001139654	1	Decal - Ultra Low Sulfur Diesel Fuel (H600SJ/H600SJP Japanese, CE & UK CA Specs)	
245	1001229692	Ref	ClearSky Decals Installation	A
245A	1001120989	1	Decal - Radio Frequency	
245B	1001116208	1	Decal - ClearSky	
262	1001141300	1	Decal - SkyGuard Override	
262	1001141302	1	Decal - SkyGuard/Soft Touch Override	
263	1001189882	1	Decal - MSSO (CE & UK CA Specs)	
264	1705084	1	Decal - Sound Power Level	
274	1001214029	Ref	Decal - EAC Installation (CIS and Russia Specs)	
274A	1001173703	1	Decal - EAC	

FIGURE 9-10. TOW BAR DECAL INSTALLATION (ALL SPECS EXCEPT CSA & JAPANESE SPECS) (ENGLISH LANGUAGE)

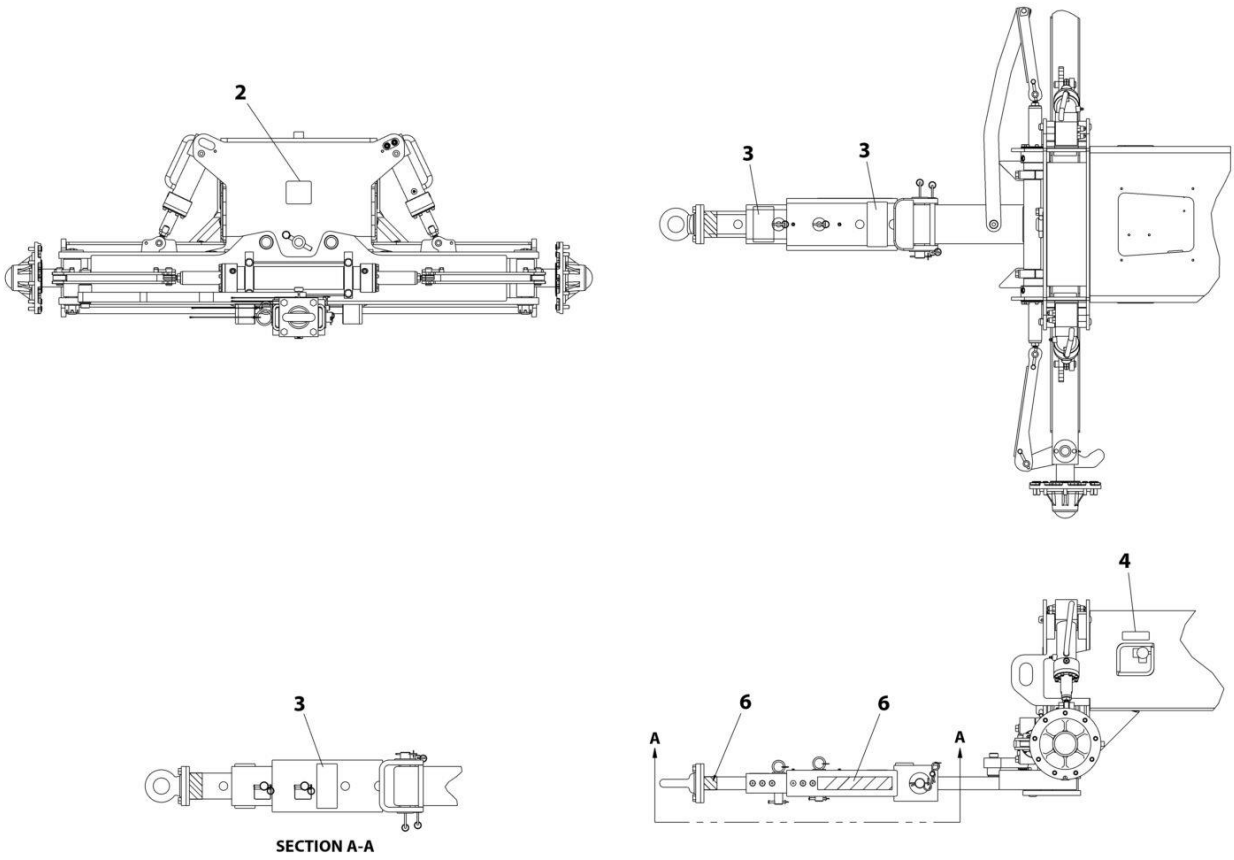


FIGURE 9-10. TOW BAR DECAL INSTALLATION (ALL SPECS EXCEPT CSA & JAPANESE SPECS) (ENGLISH LANGUAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270629	Ref	TOW BAR DECAL INSTALLATION (ANSI SPECS)	C
2	1001196121	1	Decal - Tow Instructions	
3	1704578	3	Decal - Crushing	
4	1001196122	1	Nameplate - Steer/Tow Select	
6	1001195754	35 in /89cm	Tape, Safety	

FIGURE 9-11. TOW BAR DECAL INSTALLATION (ANSI EXPORT SPECS) (SPANISH/ENGLISH LANGUAGES)

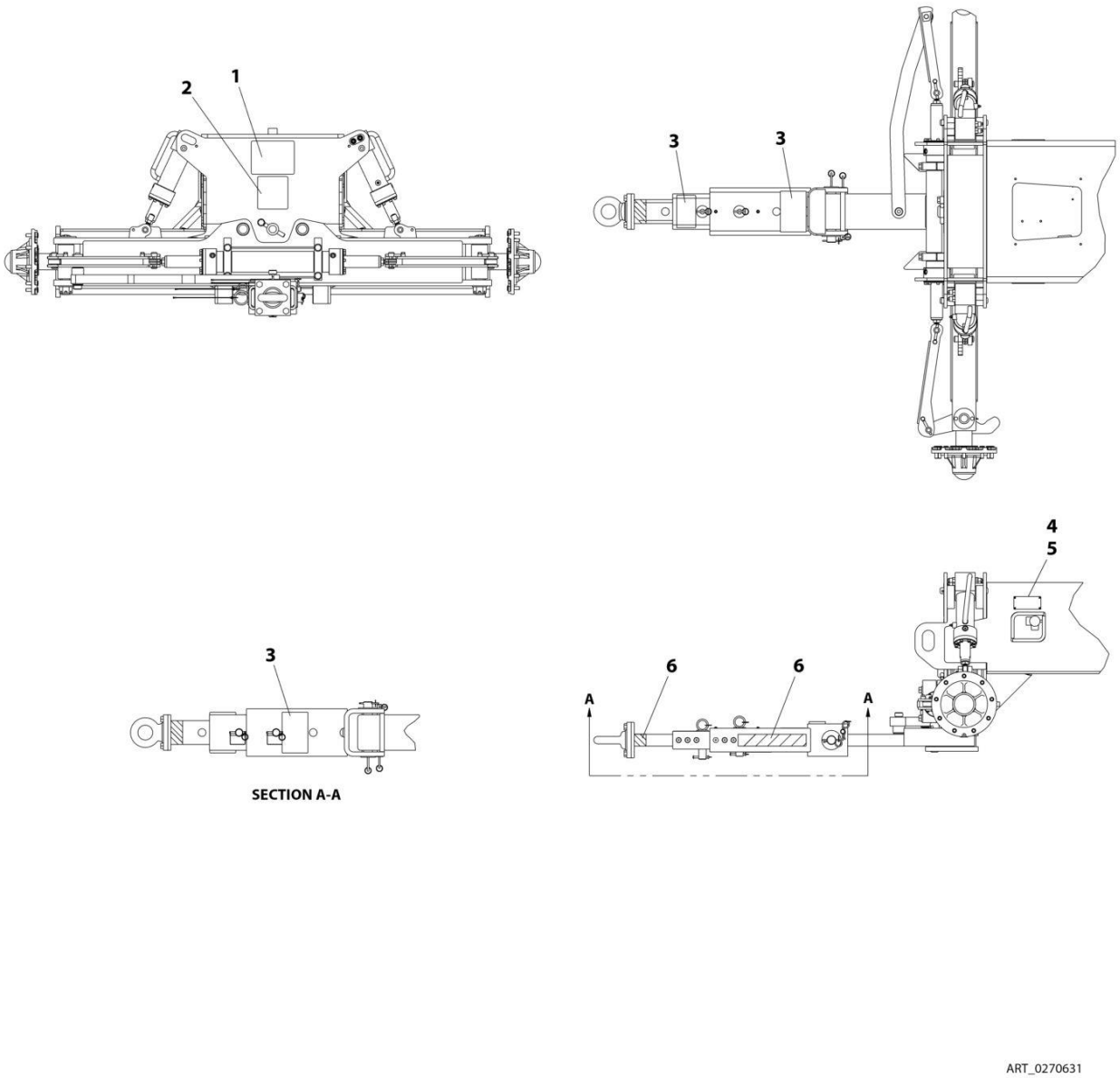


FIGURE 9-11. TOW BAR DECAL INSTALLATION (ANSI EXPORT SPECS) (SPANISH/ENGLISH LANGUAGES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270631	Ref	TOW BAR DECAL INSTALLATION (SPANISH/ENGLISH SPECS)	B
1	1704457	1	Decal - Tow Instructions	
2	1704576	1	Decal - Warning	
3	1704577	3	Decal - Crushing	
4	3252693	1	Nameplate - Steer/Tow Select	
5	3820001	4	Rivet	
6	4420051	35 in /89cm	Tape, Safety	

FIGURE 9-12. TOW BAR DECAL INSTALLATION (CE & UK CA SPECS) (SPANISH LANGUAGE))

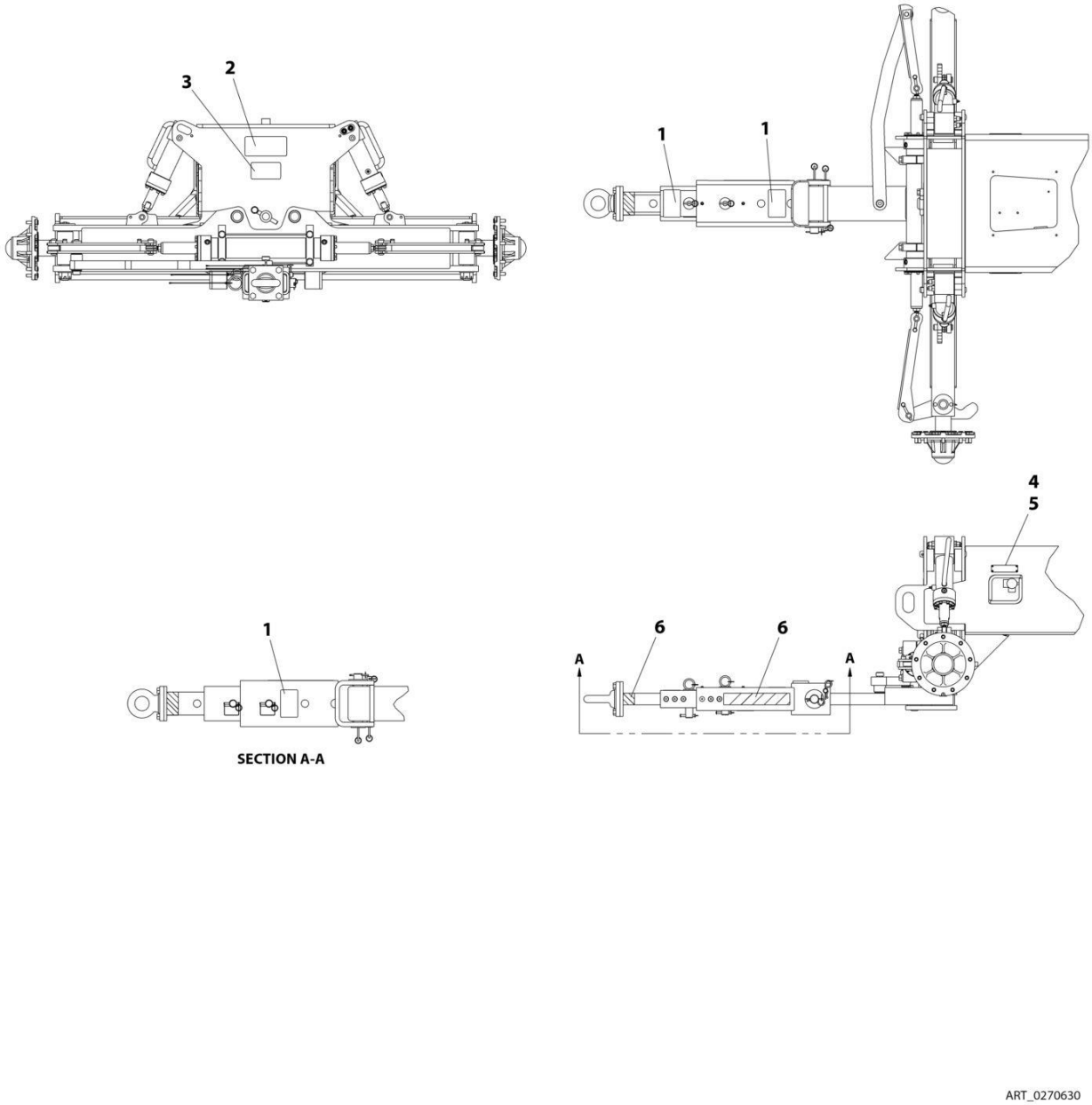


FIGURE 9-12. TOW BAR DECAL INSTALLATION (CE & UK CA SPECS) (SPANISH LANGUAGE))

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270630	Ref	TOW BAR DECAL INSTALLATION (SPANISH/ENGLISH SPECS)	B
1	1701518	3	Decal - Crushing	
2	1704455	1	Decal - Tow Instructions	
3	1704456	1	Decal - Warning	
4	3252692	1	Nameplate - Steer/Tow Select	
5	3820001	4	Rivet	
6	4420051	35 in /89cm	Tape, Safety	

FIGURE 9-13. TOW BAR DECAL INSTALLATION (AUSTRALIAN, UL, CE & UK CA SPECS) (ALL LANGUAGES))

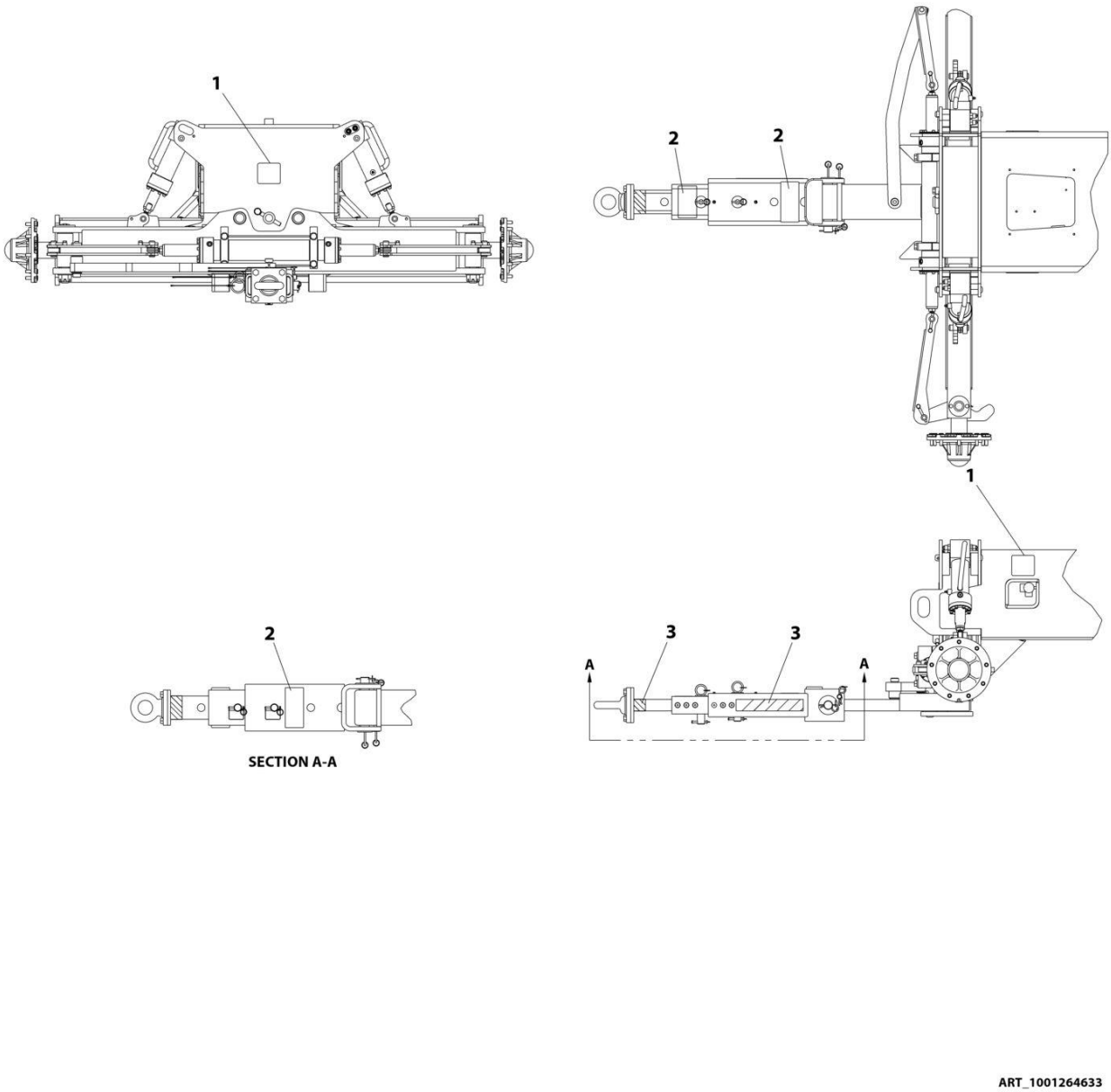


FIGURE 9-13. TOW BAR DECAL INSTALLATION (AUSTRALIAN, UL, CE & UK CA SPECS) (ALL LANGUAGES))

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001264633	Ref	TOW BAR DECAL INSTALLATION	A
1	1706957	2	Decal - Tow Instructions	
2	1706960	3	Decal - Crushing	
3	1001195754	35 in /89cm	Tape, Safety	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 10-1. 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.	
	1001181045	1	Breaker, 16Amp (One Breaker Box)	
	1001189172	1	Breaker, 16 Amp (Double) (Two Breaker Box)	
	1001189171	1	Breaker, 30mA (Two Breaker Box)	
	70002947	1	Coil (Drive Valve (4WD) & Main Valve)	
	70007285	1	Coil (Main Valve)	
	7018991	1	Coil (Main Valve)	
	70007291	1	Coil (Boom Valve)	
	1001275628	1	Controller, Drive/Steer	
	1001275629	1	Controller, Lift/Swing	
	3990001	2	Diode (Charger Harness)	
	70000313	12	Element, Air Cleaner (Kubota)	
	7023269	12	Element, Breather (Hydraulic Tank)	
	7023224	12	Element, Filter Hydraulic (Hydraulic Tank)	
	70000318	12	Element, Fuel Filter (Kubota)	
	70000319	12	Element, Oil Filter (Kubota)	
	1001196634	2	Fuse, 2A (Charger Harness)	
	8229249	2	Fuse, 3A (USB Charger)	
	1001196635	2	Fuse, 3A (Bluetooth Module Harness)	
	8229242	2	Fuse, 5A (CAN Buss Harness, Platform Console Harness & Turntable Harness)	
	8229261	2	Fuse, 5A (Traction Harness)	
	8229234	2	Fuse, 10A (Traction Harness)	
	70000329	2	Fuse, 15A (Kubota)	
	8229237	2	Fuse, 15A (Traction Harness)	
	70000330	2	Fuse, 20A (Kubota)	
	1001170761	2	Fuse, 20A (Traction Harness)	
	8229235	2	Fuse, 20A (Traction Harness)	
	1001170762	2	Fuse, 30A (Traction Harness)	
	8229236	2	Fuse, 30A (Traction Harness)	
	1001170365	2	Fuse, 400 Amp (UL Specs)	
	2860030	1	Key, Replacement	
	2940074	1	Latch (Platforms with Side Gate Entry)	
	1001247468	1	Loadcell (Platform Support)	
	1001245293	1	Module, Bluetooth Control	
	1001178339	1	Module, Drive (Drive Module Plate)	
	1001192212	1	Module, Drive (Drive Module Plate)	
	70000326	1	Module, Engine Control (Fuel Tank & Engine Module Installation)	
	1001182700	1	Module, Ground	
	1001196520	1	Module, Platform (All Specs Except UL Specs)	
	1001215835	1	Module, Platform (UL Specs)	
	3740080	1	Relay (Electrical Plate & Generator Harness)	
	1001214667	1	Relay (Electrical Plate UL Specs)	
	70000322	1	Relay (Kubota)	
	70000323	1	Relay (Kubota)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186431	1	Relay (SkyGuard)	
	3740086	1	Relay (SkyLine)	
	1001170367	1	Relay, 300Amp (Electrical Plate)	
	1001272006	1	Relay, 350Amp (UL Specs)	
	1001228225	1	Sensor, Emitter (SkyEye)	
	1001200173	1	Sensor, Limit (Limit Switch Installation)	
	4360057	1	Sensor, Limit (Soft Touch)	
	4360578	1	Sensor, Limit (Limit Switch Cable)	
	70000325	1	Sensor, Oil Temperature (Kubota)	
	1001232667	1	Sensor, Proximity (SkyLine)	
	4360517	1	Sensor, Proximity (Drive Orientation)	
	1001228224	1	Sensor, Receiver (SkyEye)	
	1001161117	1	Sensor, Rotary Angle (Steer Installation)	
	1001137673	1	Sensor, SkyGuard Bar	
	1001237902	1	Sensor, SkySense	
	70005394	1	Sensor, Speed (Drive Motor)	
	70000324	1	Sensor, Speed (Kubota)	
	1001102771	1	Sensor, Temperature (Charger Harness)	
	70005407	1	Sensor, Temperature (Drive Motor)	
	1001176711	1	Sensor, Temperature (Battery Box Installations)	
	1001219601	1	Sensor, Tilt Dual Axis	
	4360475	1	Switch, Emergency Stop	
	1001117174	1	Switch, Foot	
	4360469	1	Switch, Key	
	4360407	1	Switch, Potentiometer	
	4360274	1	Switch, Pushbutton Gray (Engine Controls)	
	4360387	1	Switch, Pushbutton Yellow (Console Box, Ground Control Panel & Soft Touch)	
	1001155045	1	Switch, Toggle (Console Box, Ground Control Panel & Jib Rotate Switch)	
	1001159256	1	Switch, Toggle (Console Box)	
	1001161710	1	Switch, Toggle (Console Box & Engine Controls)	
	1001211363	1	Switch, Toggle (4WD Machines)	

SECTION 11 - SPECIAL OPTIONS

SECTION 11 - SPECIAL OPTIONS

FIGURE 11-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		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.	
	1001270615	Ref	12V Charger with Disconnect Kit	
	1001221191	Ref	AC Dual Boxes at Platform Installation - 220V (CEE7 Side Ground) (CE & UK CA Specs Only)	
		Ref	Airline Installations - 1/2in	
	0270447	Ref	Airline Installations - EC600SJ & H600SJ	
	0270437	Ref	Airline Installations - EC600SJP & H600SJP	
	1001200913	Ref	Battery (Trickle) Charger Installation	
	1001269901	Ref	Battery Charger (E600) Kit	
	1001268352	Ref	Battery Isolator Kit	
	1001214094	1	Beacon Platform/Ground Installation	
	1001148971	Ref	Bolt-on Lanyard Kit (Platform)	
		Ref	Boom Wiper Installations	
	0270364	Ref	Boom Wiper Installation (Whiskers) - EC600SJ & H600SJ	
	0270413	Ref	Boom Wiper Installation (Whiskers) - EC600SJP & H600SJP	
	1001278511	Ref	Boom Wiper Installation (Blades) - EC600SJP & H600SJP	
	1001281983	1	Boom Wiper Blade Replacement Kit	
	1001282100	1	Boom Wiper Blade Mount Replacement Kit	B
		Ref	ClearSky Telematics Kit Options (DEALER INSTALLED)	
	1001250537	Ref	ClearSky Add-on Kit (ANSI Specs) (Dealer Installed)	
	1001254285	Ref	ClearSky Add-on Kit (CE & UK CA Specs) (Dealer Installed)	
	1001276923	Ref	ClearSky GT1030 Add-on Kit (Dealer Installed)	
	1001243575	Ref	ClearSky Access Conntrol Add-on Kit (Dealer Installed)	
	1001243183	Ref	ClearSky Access Conntrol Telematics Single Can Add-on Kit (ANSI Specs)	
	1001243184	Ref	ClearSky Access Conntrol Telematics Single Can Add-on Kit (CE & UK CA Specs)	
	1001265360	Ref	ClearSky Telematics Add-on Kit - Canbus Connection (ANSI Specs)	
	1001247426	Ref	ClearSky Telematics Add-on Kit - Canbus Connection (Australian Specs)	
	1001237110	Ref	ClearSky Telematics Add-on Kit - Canbus Connection (ANSI Export, CE & UK CA Specs)	
	1001247427	Ref	ClearSky Telematics Add-on Kit - Canbus Connection (China Specs)	
	1001230504	Ref	ClearSky Telematics Add-on Kit - 3 Wire Connection (ANSI Specs)	
	1001234102	Ref	ClearSky Telematics Add-on Kit - 3 Wire Connection (ANSI Export, CE & UK CA Specs)	
	1001293501	Ref	ClearSky Telematics CS550 Installation	
		Ref	ClearSky (Telematics) Installations (Factory Installed)	
	0270374	Ref	Cold Weather Package Installation- H600SJ & H600SJP	
	1001270482	Ref	Console Cover (Lockable) Kit	
	0273172	Ref	Container Shipment Preparation (Wheel Installation)	
		Ref	Cylinder Bellow Installations	
	1001188098	Ref	Cylinder Bellow Installation - Chassis	
	0270314	Ref	Cylinder Bellow Installations - Boom	
		Ref	Decal Kits:	
	1001108728	Ref	Decal Kit - Platform	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001223824	Ref	Decal Kit - Platform Box	
		Ref	Electrical Connector Kits:	
	1001148902	Ref	Amp/Tyco Electrical Connector Kit	
	1001148903	Ref	Deutsch DT Electrical Connector Kit	
	1001148904	Ref	Deutsch HD Electrical Connector Kit	
	1001148905	Ref	Packard Electrical Connector Kit	
	1001148906	Ref	Various Electrical Connectors Kit	
	1001237883	Ref	Fall Arrest (Bolt-on) Add-on Kit (6ft/1.82m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/n 1001228376)	
	1001237882	Ref	Fall Arrest (Bolt-on) Add-on Kit (8ft/2.4m Platform (ANSI, ANSI Export, China, CSA & Japanese Specs Only) (Fits Platform p/n 1001186383)	
	1001274833	Ref	Floor Mat Add-on Kit (30x48 Platform) (Dealer Installed)	
	1001274832	Ref	Floor Mat Add-on Kit (30x60 Platform) (Dealer Installed)	
	1001274831	Ref	Floor Mat Add-on Kit (30x72 Platform) (Dealer Installed)	
	1001274830	Ref	Floor Mat Add-on Kit (36x72 Platform) (Dealer Installed)	
	4060959	Ref	Footswitch Shield (Note: Must Purchase New Decal)	
	1001191395	Ref	Fuel Cap Cover (Lockable) (Green) (Note: Does not include Lock. Lock Must be Purchased Separately)	
	1001202749	Ref	Fuel Cap Cover (Lockable) (Black (Note: Does not include Lock. Lock Must be Purchased Separately)	
	1001281877	Ref	Gateway Plus Installation	
	1001293369	Ref	Hood Plug Installation	
	1001199312	Ref	Headlight and Taillight Installation	
		Ref	Hose Kit Options:	
	1001239579	Ref	Hose Kit - Platform Valve (EC600SJ & H600SJ)	
	1001239580	Ref	Hose Kit - Platform Valve (EC600SJP & H600SJP)	
	1001198662	Ref	Hose Kit - Power Track (Upper Boom) (EC600SJ & H600SJ)	
	1001198661	Ref	Hose Kit - Power Track (Upper Boom) (EC600SJ & H600SJP)	
	1001241407	Ref	Hostile Environment Add-on Kit - Fixed Axle (Dealer Installed)	
	1001241408	Ref	Hostile Environment Add-on Kit - Oscillating Axle (Dealer Installed)	
	1001253618	Ref	Module Box Assembly Kit (Service Kit for P/N 1001246867)	
	1001253619	Ref	Module Box Assembly Kit (Service Kit for P/N 1001246860)	
	1001272166	Ref	Pipe Rack Add-on Kit (Dealer Installed)	
	1001195304	Ref	Platform Console Cover - Plastic	
	1001266290	Ref	Platform Console Cover - Steel	
	2915227	Ref	Platform Conversion Kit (Side Entry)	
	1580013	Ref	Platform Corner Storage Tray	
		Ref	Platform Entry Kit Options:	
	1001142504	Ref	Platform Entry Kit (Replace Swing Gate with Drop Bar)	
	1001142505	Ref	Platform Entry Kit (Replace Drop Bar with Swing Gate)	
		Ref	Platform Mesh Installation Options (Side Entry Platforms) (Factory Installed)	
	1001272274	Ref	Platform Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Factory Installed)	
	1001272313	Ref	Platform Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Factory Installed)	
	1001272182	Ref	Platform Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Factory Installed)	
	1001272310	Ref	Platform Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Factory Installed)	
		Ref	Platform Padding Installations (Side Entry Platforms)	
	0273381	Ref	30in x 4ft (76cm x 1.22m)	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274382	Ref	30in x 6ft (76cm x 1.83m) (Without SkySense)	
	1001275642	Ref	36in x 6ft (91cm x 1.83m) (With SkySense)	
	1001269655	Ref	36in x 8ft (91cm x 2.13m) (With SkySense)	
	1001275643	Ref	30in x 4ft (76cm x 1.83m) (With SkySense)	
	1001282461	Ref	30in x 8ft (76cm x 1.22m) (With SkySense)	
	1001266969	Ref	Platform Plastic Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Factory Installed)	
	1001266465	Ref	Platform Plastic Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Factory Installed)	
	1001266807	Ref	Platform Plastic Mesh Installation - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Factory Installed)	
	1001266491	Ref	Platform Plastic Mesh Installation - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Factory Installed)	
		Ref	Platform Mesh Add-on Kits Options (Side Entry Platforms) (Dealer Installed)	
	1001281461	Ref	Platform Mesh Add-on Kit - 30in x 4ft (76cm x 1.22m) Platform (To Mid-Rail) (Dealer Installed)	
	1001281459	Ref	Platform Mesh Add-on Kit - 30in x 6ft (76cm x 1.83m) Platform (To Mid-Rail) (Dealer Installed)	
	1001281456	Ref	Platform Mesh Add-on Kit - 30in x 4ft (76cm x 1.22m) Platform (To Top-Rail) (Dealer Installed)	
	1001281454	Ref	Platform Mesh Add-on Kit - 30in x 6ft (76cm x 1.83m) Platform (To Top-Rail) (Dealer Installed)	
	1001283853	Ref	Mid Rail Deck Installation	
	1001297298	Ref	Mid Rail Deck Kit	
		Ref	Platform Rail Extension Installations (Side Entry Platforms)	
	1001103617	Ref	Platform Rail Extension Installation -30in x 4ft (76cm x 1.22m) Platform	
	0274095	Ref	Platform Rail Extension Installation - 30in x 6ft (76cm x 1.83m) Platform	
	1001120466	Ref	Platform Worklights	
	1001190897	Ref	Service Kits	S
		Ref	SkyGuard Options:	
	1001247073	Ref	SkyEye Retrofit Kit	
	1001241547	Ref	SkyEye Repair Kit - LH Housing	
	1001241548	Ref	SkyEye Repair Kit - RH Housing	
	1001218499	Ref	SkyGuard Kit (Without Beacon)	
	1001218502	Ref	SkyGuard With Beacon (Blue)	
	1001218503	Ref	SkyGuard With Beacon (Red)	
	1001250595	Ref	SkyGuard 6-Pin Retrofit Installation Kit	
	1001249052	Ref	SkyGuard Retrofit Kit	
	1001250035	Ref	SkyGuard Platform Sensor Retrofit Kit	
	1001262016	Ref	SkyLine Add-on Kit	
		Ref	SkySense/Enhanced Detection System Installation (Factory Installed)	
	1001250465	Ref	SkySense/Enhanced Detection System - Level 1 Boom (Factory Installed)	
	1001250466	Ref	SkySense/Enhanced Detection System - Level 2 Boom (Factory Installed)	
		Ref	SkySense/Enhanced Detection System Add-on Kit (Dealer Installed)	
	1001289905	Ref	SkySense/Enhanced Detection System Add-on Kit - Level 1 Boom (Dealer Installed)	
	1001289906	Ref	SkySense/Enhanced Detection System Add-on Kit- Level 2 Boom (Dealer Installed)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001191144	Ref	Strobe Light (Platform Mounted)	
		Ref	Tools for Service:	
	1001249695	Ref	Analyzer, Machine with Cable	
	1001249941	Ref	Analyzer, Machine (Battery Powered)	
	7002821	Ref	Crimper, Wire	
	7002823	Ref	Pin Extractor - Universal (For Electrical Connectors with Pins and Sockets)	
	4460467	Ref	Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460510	Ref	Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7016654	Ref	Screwdriver, Magnetic	
	7002822	Ref	Screwdriver, Potentiometer	
	7004275	Ref	Seal Tool 1 in (For Cylinders)	
	7004276	Ref	Seal Tool 1-1/2 in (For Cylinders)	
	1001137005	Ref	Software Cable Kit (Service Kit)	
	7002828	Ref	Stripper, Wire	
	70004185	Ref	Torque Multiplier	
	2915102	Ref	Turntable Bearing Kit	
	1001277843	Ref	UGM Retrofit Kit	
	1001274249	Ref	USB Charger Add-on Kit (Dealer Installed)	
	1001227293	Ref	Voltage Guard Installation (120-240V, 50/60Hz)	
	1001262959	Ref	Voltage Regulator ClearSky Locate Kit	
	2910886	Ref	Wear Pad Kit	
		Ref	Weld Lead Installations	
	0270436	Ref	Weld Lead Installations - EC600SJ & H600SJ	
	0270448	Ref	Weld Lead Installations - EC600SJP & H600SJP	
		Ref	White Noise Alarm Installations:	
	1001231989	Ref	White Noise Alarm Add-on Installation (Factory Installed)	
	1001235850	Ref	White Noise Alarm Add-on Kit (Dealer Installed)	
	1001235853	Ref	White Noise Ambient Alarm Add-on Kit	

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