Illustrated Parts Manual

Models

3394RT
4394RT

SN 0200239053
to Present

P/N
3121643

September 1, 2018 - Rev G

ANSI

AS/NZS

An Oshkosh Corporation Company

REVISION LOG

January 15, 2015 - A - Original Issue Of Manual (Edited to B/M 1001165100 Revision F)

January 30, 2016 - B - Revised Manual (Edited to B/M 1001165100 Revision L)

August 1, 2016 - C - Revised Manual (Edited to B/M 1001165100 Revision L)

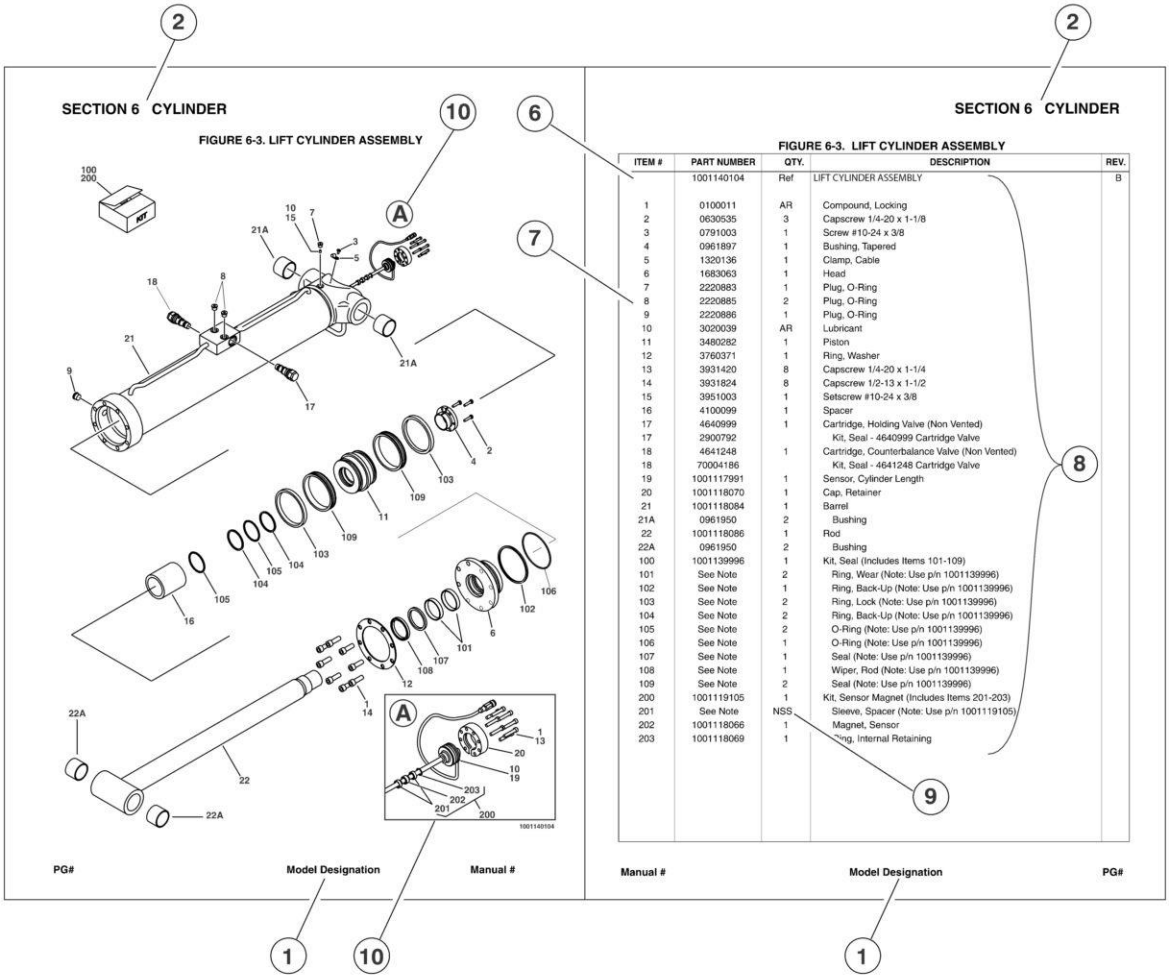
October 28, 2016 - D - Revised Manual (Edited to B/M 1001165100 Revision L)

January 27, 2017 - E - Revised Manual (Edited to B/M 1001165100 Revision L)

April 28, 2017 - F - Revised Manual (Edited to B/M 1001165100 Revision L)

September 1, 2018 - G - Revised Manual (Edited to B/M 1001165100 Revision T)

GENERAL INFORMATION



ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001140104	Ref	LIFT CYLINDER ASSEMBLY	B
1	0100011	AR	Compound, Locking	
2	0630535	3	Capscrew 1/4-20 x 1-1/8	
3	0791003	1	Screw #10-24 x 3/8	
4	0961897	1	Bushing, Tapered	
5	1320136	1	Clamp, Cable	
6	1683063	1	Head	
7	2220883	1	Plug, O-Ring	
8	2220885	2	Plug, O-Ring	
9	2220886	1	Plug, O-Ring	
10	3020039	AR	Lubricant	
11	3480282	1	Piston	
12	3760371	1	Ring, Washer	
13	3931420	8	Capscrew 1/4-20 x 1-1/4	
14	3931824	8	Capscrew 1/2-13 x 1-1/2	
15	3951003	1	Setscrew #10-24 x 3/8	
16	4100099	1	Spacer	
17	4640999	1	Cartridge, Holding Valve (Non Vented)	
17	2900792		Kit, Seal - 4640999 Cartridge Valve	
18	4641248	1	Cartridge, Counterbalance Valve (Non Vented)	
18	70004186		Kit, Seal - 4641248 Cartridge Valve	
19	1001117991	1	Sensor, Cylinder Length	
20	1001118070	1	Cap, Retainer	
21	1001118084	1	Barrel	
21A	0961950	2	Bushing	
22	1001118086	1	Rod	
22A	0961950	2	Bushing	
100	1001139996	1	Kit, Seal (Includes Items 101-109)	
101	See Note	2	Ring, Wear (Note: Use p/n 1001139996)	
102	See Note	1	Ring, Back-Up (Note: Use p/n 1001139996)	
103	See Note	2	Ring, Lock (Note: Use p/n 1001139996)	
104	See Note	2	Ring, Back-Up (Note: Use p/n 1001139996)	
105	See Note	2	O-Ring (Note: Use p/n 1001139996)	
106	See Note	1	O-Ring (Note: Use p/n 1001139996)	
107	See Note	1	Seal (Note: Use p/n 1001139996)	
108	See Note	1	Wiper, Rod (Note: Use p/n 1001139996)	
109	See Note	2	Seal (Note: Use p/n 1001139996)	
200	1001119105	1	Kit, Sensor Magnet (Includes Items 201-203)	
201	See Note	NSS	Sleeve, Spacer (Note: Use p/n 1001119105)	
202	1001118066	1	Magnet, Sensor	
203	1001118069	1	Ring, Internal Retaining	

1) MACHINE IDENTIFICATION
Machines are identified by model and in some cases a combination of models, serial number (SN) or redional 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 informationin 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
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
The Recommended Spare Parts, located near the end of the manual, referance most frequently used maintenance parts.

5) PART NUMBER INDEX
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 sone instances, it is necessary to display non-serviced parts, assemblies or installations. In the case of assemblies and installations ther 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 theassociated illustration (s). Item numbers which are mising from the sequence inthe 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) ABB REVIATION AND SYMBOLS

AC ..... Alternating Current
ADE. ..... .Advanced Design Electronics
ANSI ..... .American National Standards Institute
AR.. ....As Required
ASSY .... Assembly
AUX... ....A uxiliary
AWG ....American WireGauge
B/M.. ..... Bill of Material
CE.. ....European Conformity
CCW ..... .Counter Clockwise
cm. ..... Centimeter
CW ..... .Clockwise
CSA. ....Canadian Standards Association
CYL... ....Cylinder
DIA. ....Diameter
DC ..... .Direct Current
EMS ..... Emergency Stop
ENG ..... .Engine
FT (ft).. ....Feet
GA(Ga).. ..... .Gauge
HYD ..... Hydraulic
Hz.. ..... Hertz
ID.. ..... .Inside Diameter
in... ..... .inches
ISO..... ..International Organization for Standards
JIC ....Joint Industry Council
KG ..... .Kilogram
L.. ....Liter
LB ....Pounds
LCD .... Liquid Crystal Display
LED ..... Light Emitting Diodes
LH... ..... Left Hand
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
P/N. ....Part Number
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 referance 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

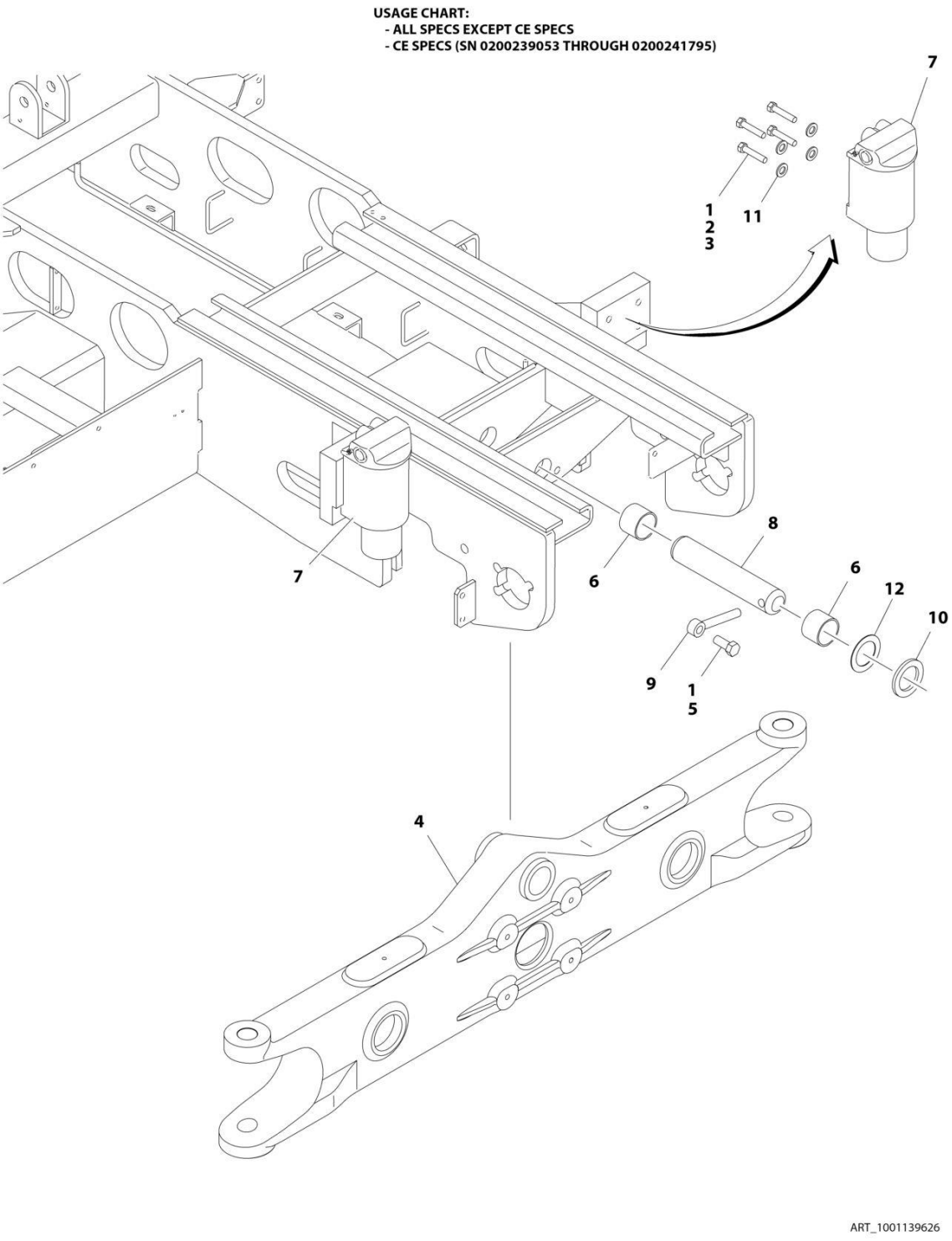


FIGURE 1-1. AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001139626	Ref	AXLE INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0641822	8	Bolt 1/2 x 2-3/4	
3	0100038	AR	Primer, Locking	
4	1001098130	1	Axle	
5	0642012	1	Bolt 5/8 x 1-1/2	
6	0961950	2	Bearing	
7	1684465	2	Oscillating Axle Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
8	3422592	1	Pin, Axle Pivot	
9	3841258	1	Keeper, Pin	
10	4740158	1	Washer, Thrust	
11	4891800	8	Washer 1/2	
12	4740541	AR	Washer	

FIGURE 1-2. AXLE INSTALLATION

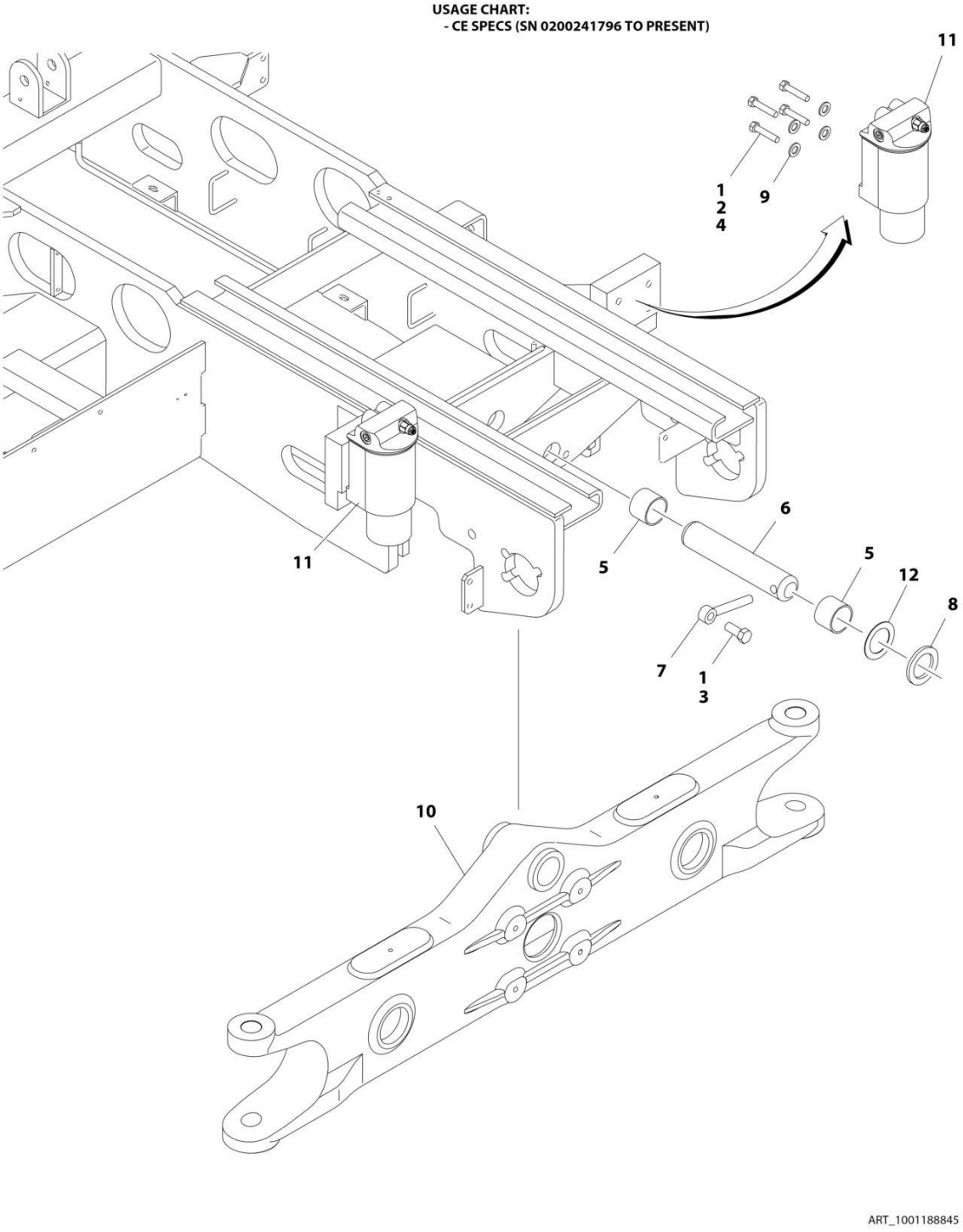


FIGURE 1-2. AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001188845	Ref	AXLE INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0642012	1	Bolt 5/8 x 1-1/2	
4	0701222	8	Bolt M12 x 70	
5	0961950	2	Bearing	
6	3422592	1	Pin, Axle Pivot	
7	3841258	1	Keeper, Pin	
8	4740158	1	Washer, Thrust	
9	5241200	8	Washer M12	
10	1001098130	1	Axle	
11	1001163580	2	Oscillating Axle Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
12	4740541	AR	Washer	

FIGURE 1-3. STEERING INSTALLATION

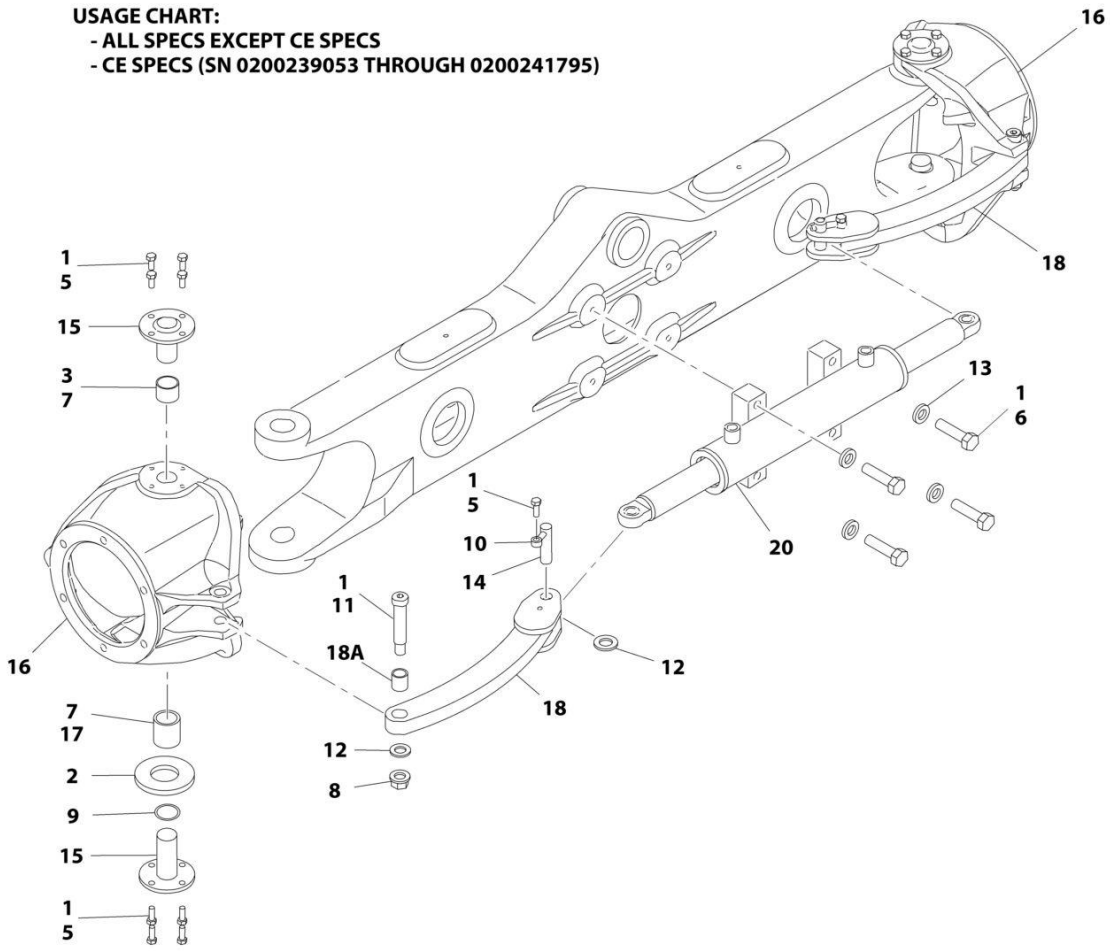


FIGURE 1-3. STEERING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001139935	Ref	STEERING INSTALLATION	E
1	0100011	AR	Compound, Locking	
2	0440271	2	Washer, Thrust	
3	0440291	2	Bearing	
5	0641607	18	Bolt 3/8 x 7/8	
6	0681820	4	Bolt 1/2 x 2-1/2 Grade 8	
7	3020029	AR	Grease, Bearing	
8	3312008	2	Nut 5/8	
9	3780182	2	O-Ring	
10	3841520	2	Keeper	
11	3900255	2	Screw, Shoulder	
12	4740086	4	Washer, Thrust	
13	4891800	4	Washer 1/2	
14	1001116867	2	Pin, Axle Pivot	
15	1001139141	4	Kingpin	
16	1001139645	2	Spindle	
17	1001139476	2	Bearing	
18	1001139892	2	Tie-Rod	
18A	1001139943	2	Bearing	
20	1001143434	1	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	

FIGURE 1-4. STEERING INSTALLATION

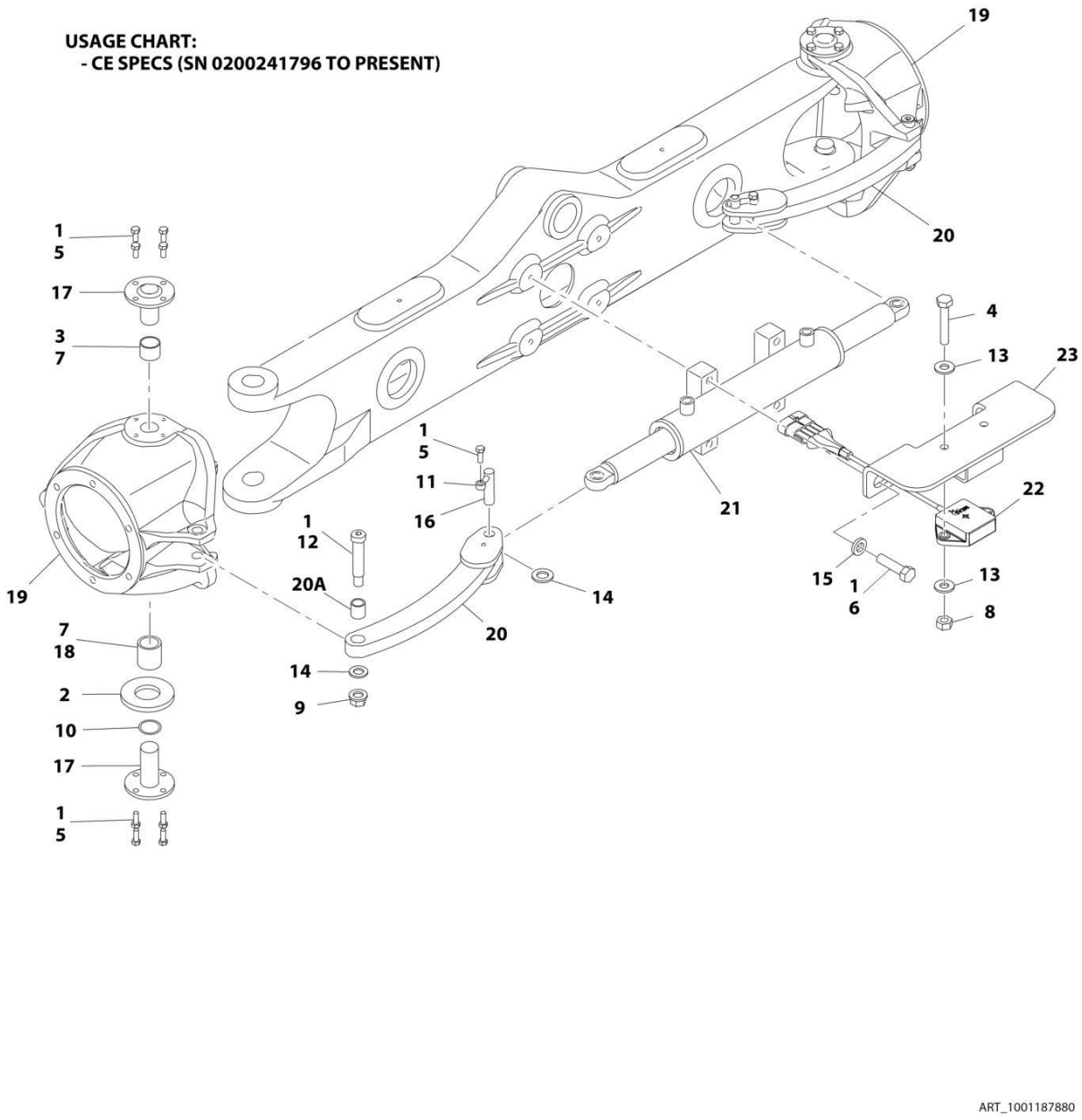


FIGURE 1-4. STEERING INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001187880	Ref	STEERING INSTALLATION	B
1	0100011	AR	Compound, Locking	
2	0440271	2	Washer, Thrust	
3	0440291	2	Bearing	
4	0641412	2	Bolt 1/4 x 1-1/2	
5	0641607	18	Bolt 3/8 x 7/8	
6	0681822	4	Bolt 1/2 x 2-3/4 Grade 8	
7	3020029	AR	Grease, Bearing	
8	3311405	2	Nut 1/4	
9	3312008	2	Nut 5/8	
10	3780182	2	O-Ring	
11	3841520	2	Keeper	
12	3900255	2	Screw, Shoulder	
13	4711400	4	Washer 1/4	
14	4740086	4	Washer, Thrust	
15	4891800	4	Washer 1/2	
16	1001116867	2	Pin, Axle Pivot	
17	1001139141	4	Kingpin	
18	1001139476	2	Bearing	
19	1001139645	2	Spindle	
20	1001139892	2	Tie-Rod	
20A	1001139943	2	Bearing	
21	1001143434	1	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
22	1001186467	1	Sensor, Steer	
22	See Note	NSS	Receptacle, Female - 4 Position (Note: Use p/n 1001186467)	
23	1001187695	1	Bracket	

FIGURE 1-5. WHEEL DRIVE INSTALLATION

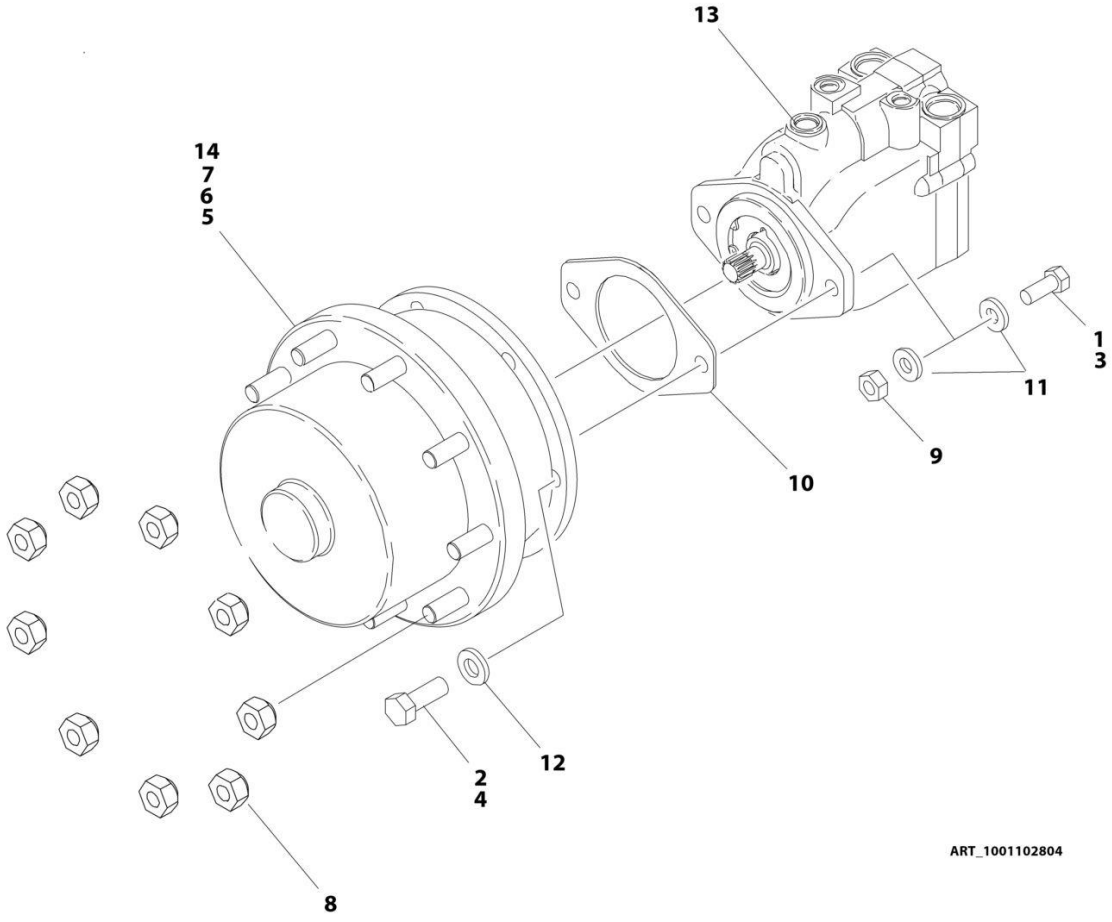


FIGURE 1-5. WHEEL DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102804	Ref	WHEEL DRIVE INSTALLATION	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0681810	4	Bolt 1/2 x 1-1/4	
4	0682014	24	Bolt 5/8 x 1-3/4	
5	2300016	AR	Fluid, Hydraulic	
6	2780267	2	Drive Hub with Brake Assembly (Rear) (See DRIVE HUB ASSEMBLY - REAR for Breakdown)	
7	2780268	2	Drive Hub without Brake Assembly (Front) (See DRIVE HUB ASSEMBLIES - FRONT for Breakdown)	
8	3300106	36	Lugnut	
9	3311801	4	Nut 1/2	
10	3960526	4	Gasket	
11	4891800	8	Washer 1/2	
12	4892000	24	Washer 5/8	
13	1001102805	4	Drive Motor Assembly (Sauer-Danfoss) (See DRIVE MOTOR ASSEMBLY (SAUER-DANFOSS) for Breakdown)	
14	3020008	AR	Lubricant, Mobilube HD 80W-90	

FIGURE 1-6. DRIVE HUB ASSEMBLY - FRONT

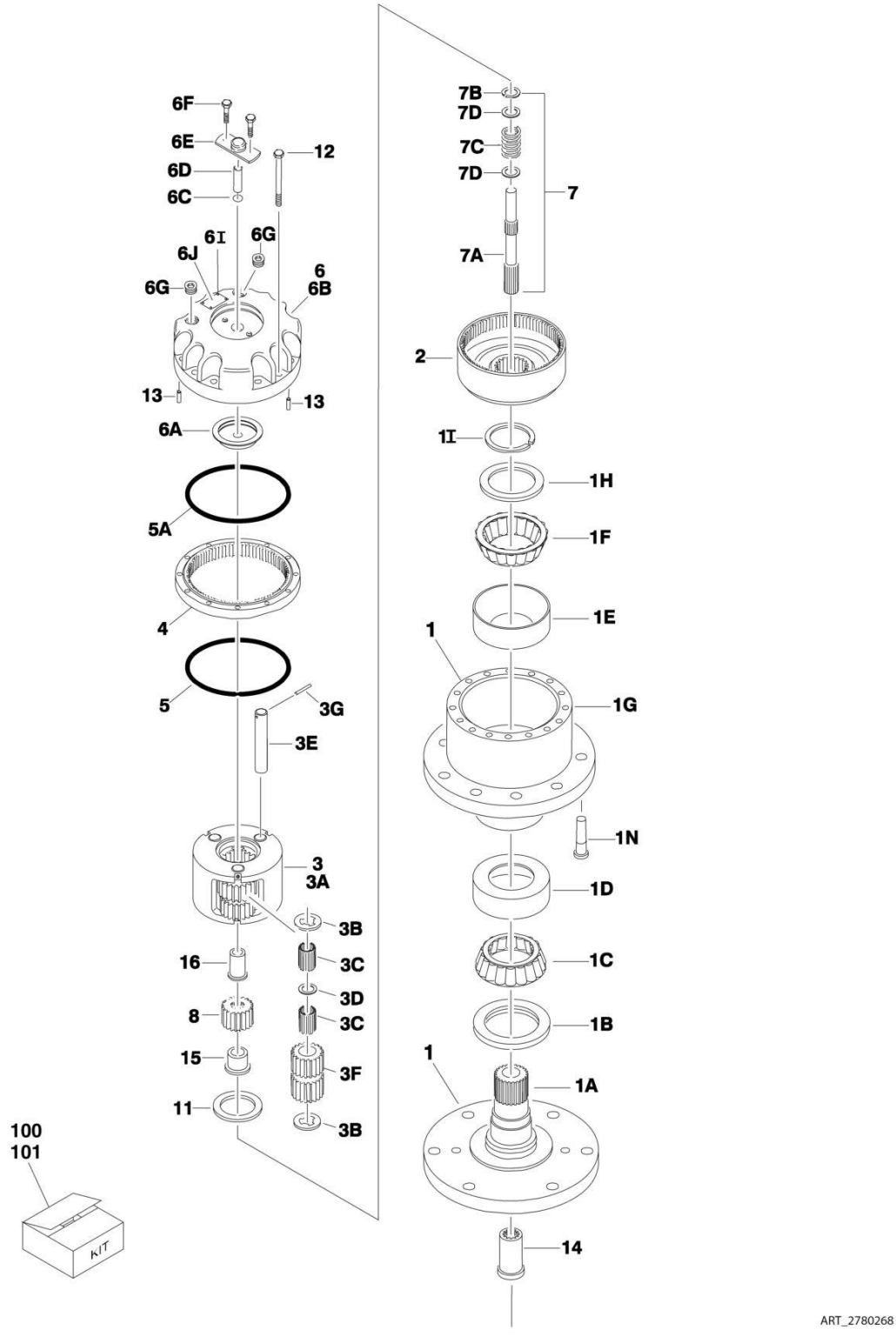


FIGURE 1-6. DRIVE HUB ASSEMBLY - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780268	Ref	DRIVE HUB ASSEMBLY - FRONT	E
1	See Note	NSS	Spindle/Housing Assembly (Note: Purchase Individual Components)	
1A	7017059	1	Spindle	
1B	7001998	1	Seal	
1C	7010429	1	Cone, Bearing (Includes Item 1D)	
1D	7010429	1	Cup, Bearing (Includes Item 1C)	
1E	7000257	1	Cup, Bearing	
1F	7000258	1	Cone, Bearing	
1G	7007601	1	Housing/Ring Gear	
1H	7000232	1	Washer, Thrust	
1I	7000229	1	Ring, Retaining	
1N	7007640	9	Stud, Wheel	
2	7000246	1	Gear, Internal	
3	7024712	1	Carrier Assembly	
3A	See Note	NSS	Carrier (Note: Use p/n 7024712)	
3B	See Note	NSS	Ring, Retaining (Note: Use p/n 7024712)	
3C	See Note	NSS	Bearing, Needle (Note: Use p/n 7024712)	
3D	See Note	NSS	Washer, Thrust (Note: Use p/n 7024712)	
3E	See Note	NSS	Shaft, Planet (Note: Use p/n 7024712)	
3F	See Note	NSS	Gear, Planet (Note: Use p/n 7024712)	
3G	See Note	NSS	Rollpin (Note: Not Available for Purchase)	
4	7000248	1	Ring Gear	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	70001349	1	Cover Assembly Kit	
6A	See Note	NSS	Spacer, Thrust (Note: Use p/n 70001349)	
6B	See Note	NSS	Plate, Cover (Note: Use p/n 70001349)	
6C	See Note	NSS	O-Ring (Note: Use p/n 70001349)	
6D	See Note	NSS	Rod, Disconnect (Note: Use p/n 70001349)	
6E	See Note	NSS	Cap, Disengage (Note: Use p/n 70001349)	
6F	See Note	NSS	Bolt (Note: Use p/n 70001349)	
6G	See Note	NSS	Plug, Pipe (Note: Use p/n 70001349)	
6I	See Note	NSS	Rivet (Note: Not Available for Purchase)	
6J	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
7		Ref	Input Shaft Assembly	
7A	7024714	1	Shaft	
7B	7000261	1	Ring, Retaining	
7C	7000262	1	Spring	
7D	7000263	2	Spacer, Thrust	
8	7024713	1	Gear, Sun	
11	7000253	1	Washer, Thrust	
12	7017067	12	Bolt	
13	7017080	4	Pin, Dowell	
14	7000206	1	Coupling	
15	7024715	1	Spacer, Input	
16	7024716	1	Spacer, Input	
100	70006428	1	Bearing and Seal Kit (Includes Items 1B-1F, 1I, 5, 5A & 12)	
101	70006429	1	Seal Kit (Includes Items 1B, 1I, 5, 5A & 12)	

FIGURE 1-7. DRIVE HUB AND BRAKE ASSEMBLY - REAR

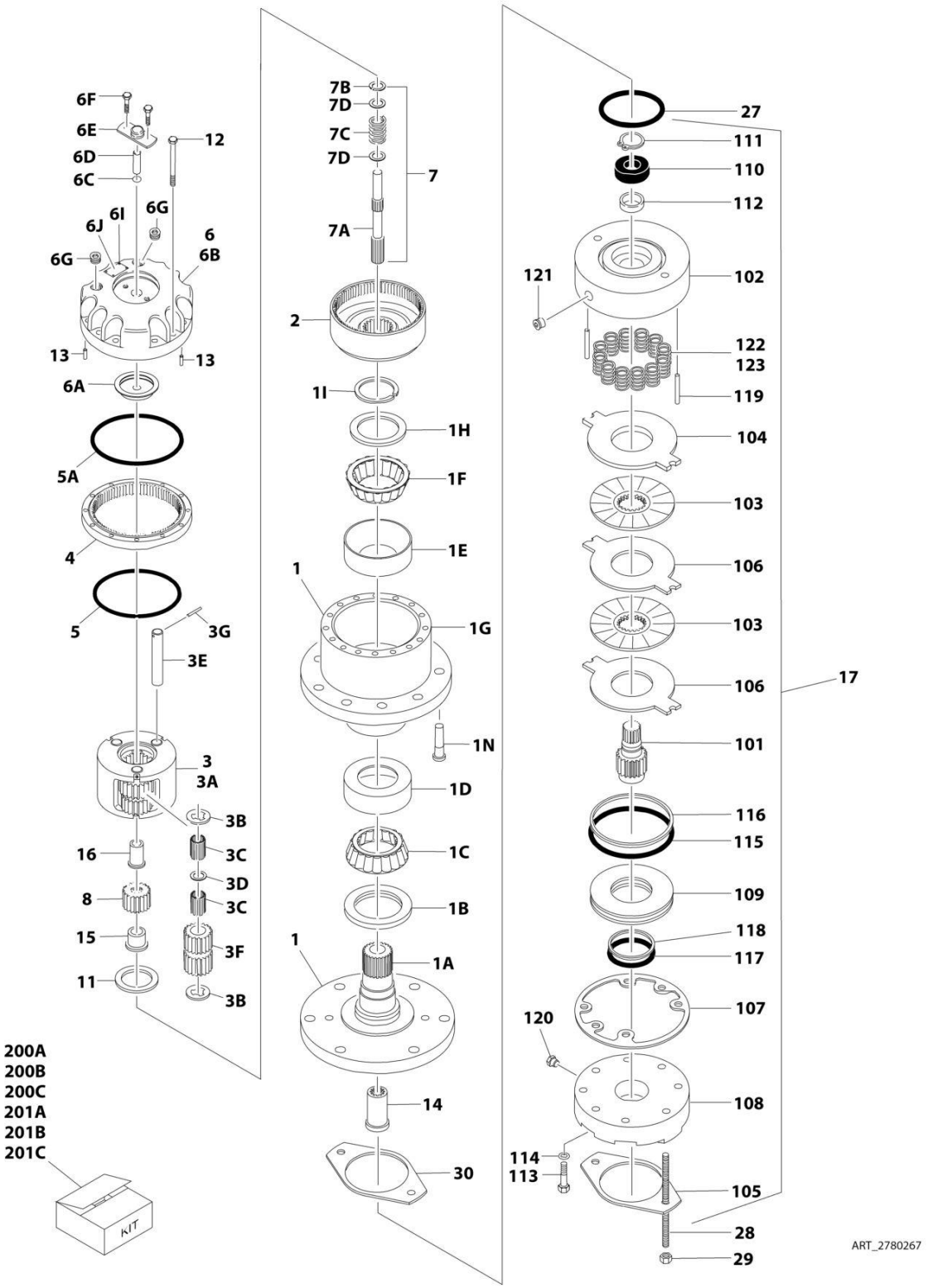


FIGURE 1-7. DRIVE HUB AND BRAKE ASSEMBLY - REAR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780267	Ref	DRIVE HUB AND BRAKE ASSEMBLY - REAR	H
1	See Note	NSS	Spindle/Housing Assembly (Note: Purchase Individual Components)	
1A	7017059	1	Spindle	
1B	7001998	1	Seal	
1C	7010429	1	Cone, Bearing (Includes Item 1D)	
1D	7010429	1	Cup, Bearing (Includes Item 1C)	
1E	7000257	1	Cup, Bearing	
1F	7000258	1	Cone, Bearing	
1G	7007601	1	Housing/Ring Gear	
1H	7000232	1	Washer, Thrust	
1I	7000229	1	Ring, Retaining	
1N	7007640	9	Stud, Wheel	
2	7000246	1	Gear, Internal	
3	7024712	1	Carrier Assembly	
3A	See Note	NSS	Carrier (Note: Use p/n 7024712)	
3B	See Note	NSS	Ring, Retaining (Note: Use p/n 7024712)	
3C	See Note	NSS	Bearing, Needle (Note: Use p/n 7024712)	
3D	See Note	NSS	Washer, Thrust (Note: Use p/n 7024712)	
3E	See Note	NSS	Shaft, Planet (Note: Use p/n 7024712)	
3F	See Note	NSS	Gear, Planet (Note: Use p/n 7024712)	
3G	See Note	NSS	Rollpin (Note: Not Available for Purchase)	
4	7000248	1	Ring Gear	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	70001349	1	Cover assembly Kit	
6A	See Note	NSS	Spacer, Thrust (Note: Use p/n 70001349)	
6B	See Note	NSS	Plate, Cover (Note: Use p/n 70001349)	
6C	See Note	NSS	O-Ring (Note: Use p/n 70001349)	
6D	See Note	NSS	Rod, Disconnect (Note: Use p/n 70001349)	
6E	See Note	NSS	Cap, Disengage (Note: Use p/n 70001349)	
6F	See Note	NSS	Bolt (Note: Use p/n 70001349)	
6G	See Note	NSS	Plug, Pipe (Note: Use p/n 70001349)	
6I	See Note	NSS	Rivet (Note: Not Available for Purchase)	
6J	See Note	NSS	Plate, ID (Note: Not Available for Purchase)	
7		Ref	Input Shaft Assembly	
7A	7024714	1	Shaft	
7B	7000261	1	Ring, Retaining	
7C	7000262	1	Spring	
7D	7000263	2	Spacer, Thrust	
8	7024713	1	Gear, Sun	
11	7000253	1	Washer, Thrust	
12	7017067	12	Bolt	
13	7017080	4	Pin, Dowell	
14	7000206	1	Coupling	
15	7024715	1	Spacer, Input	
16	7024716	1	Spacer, Input	
17	7024182	1	Brake Assembly (See Items 101-123 for Breakdown)	
27	7024705	1	O-Ring	
28	7024717	2	Rod, Threaded	

SECTION 1 - FRAME

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	7024718	2	Nut 1/2-13	
30	70005483	1	Gasket	
	7024182	Ref	BRAKE ASSEMBLY	
101	7024189	1	Shaft	
102	See Note	NSS	Housing (Note: Use p/n 7024182)	
103	See Note	NSS	Plate, Friction (Note: Use p/n 7024193)	
104	See Note	NSS	Plate, Pressure (Note: Use p/n 7024193)	
105	7000731	1	Gasket	
106	See Note	NSS	Plate, Outer (Note: Use p/n 7024193)	
107	See Note	NSS	Gasket (Note: Use Item 200A, 201B or 201C)	
108	7024191	1	Cylinder	
109	7024192	1	Piston	
110	See Note	NSS	Bearing, Ball (Note: Use p/n 7024197)	
111	See Note	NSS	Ring, Retaining (Note: Use p/n 7024197)	
112	See Note	NSS	Seal, Shaft (Note: Use p/n 7024197)	
113	See Note	NSS	Capscrew (Note: Not Available for Purchase)	
114	See Note	NSS	Washer (Note: Not Available for Purchase)	
115	See Note	NSS	O-Ring (Note: Not Available for Purchase)	
116	See Note	NSS	Ring, Back-up (Note: Not Available for Purchase)	
117	See Note	NSS	O-Ring (Note: Not Available for Purchase)	
118	See Note	NSS	Ring, Back-up (Note: Not Available for Purchase)	
119	7024190	2	Pin, Dowel	
120	See Note	NSS	Plug (Note: Not Available for Purchase)	
121	See Note	NSS	Plug (Note: Not Available for Purchase)	
122	See Note	NSS	Spring Kit (Natural) (Note: Use p/n 7024196)	
123	See Note	NSS	Spring Kit (Blue) (Note: Use p/n 7024196)	
		Ref	Kit Options	
200		Ref	Seal Kit Options:	
200A	70006429	1	Seal Kit (Includes Items 1B, 1I, 5, 5A & 12)	
200B	7024194	1	Brake Seal Kit (Includes Items 105, 107 & 115-118)	
200C	70006428	1	Bearing and Seal Kit (Includes Items 1B-1F, 1I, 5, 5A & 12)	
201		Ref	Repair Kit Options:	
201A	7024196	1	Brake Spring Kit (Includes 12 Natural Colored and 2 Blue Colored Springs Items 122 and 123)	
201B	7024193	1	Brake Friction Disc Kit (Includes Items 103, 104, 106 & 107)	
201C	7024197	1	Brake Bearing Kit (Includes Items 107 & 110-112)	

FIGURE 1-8. DRIVE MOTOR ASSEMBLY - SAUER-DANFOSS

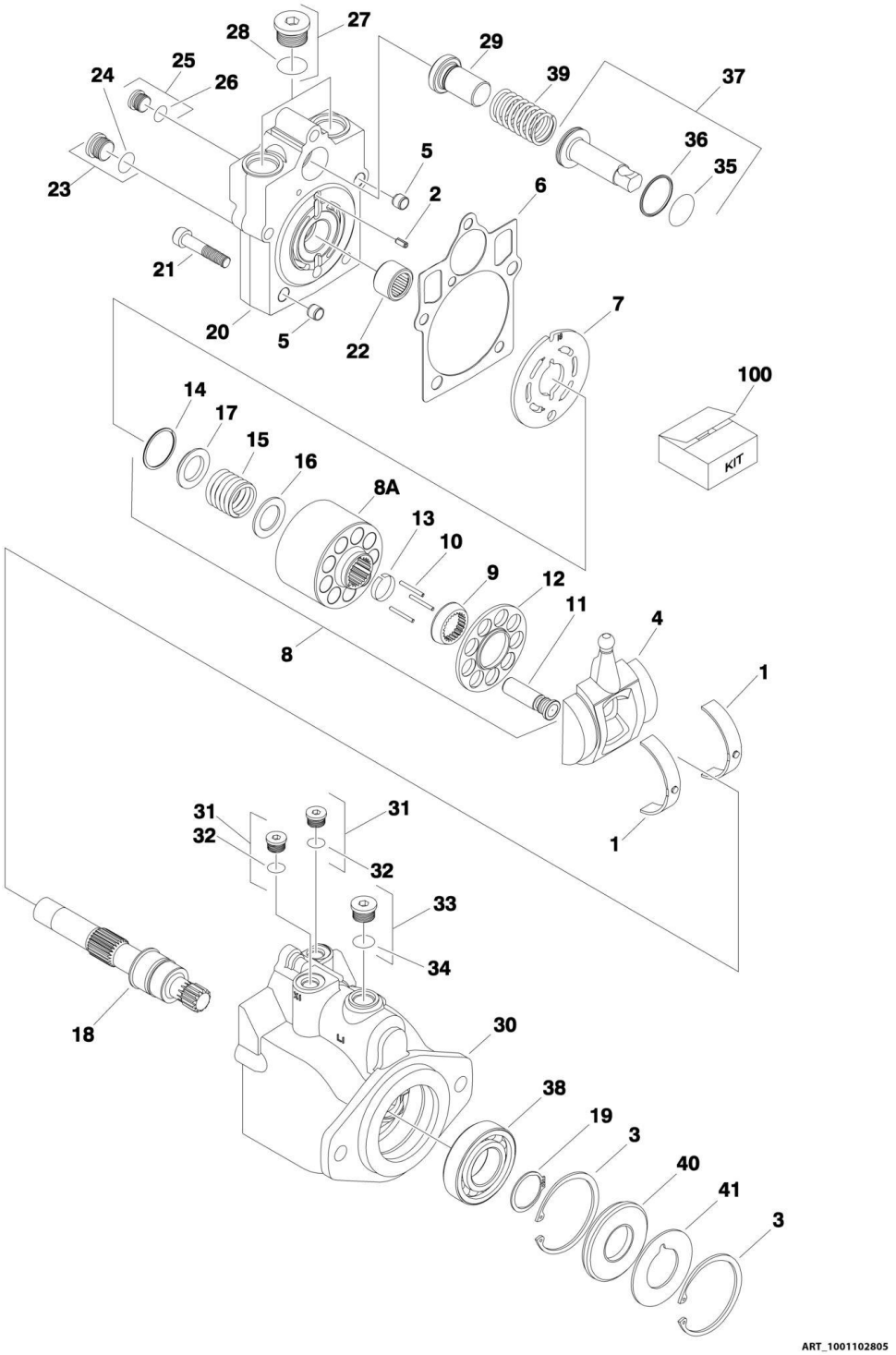


FIGURE 1-8. DRIVE MOTOR ASSEMBLY - SAUER-DANFOSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102805	Ref	DRIVE MOTOR ASSEMBLY - SAUER-DANFOSS	D
1	7022302	2	Bearing, Journal	
2	7007446	1	Pin	
3	7007438	2	Ring, Retaining	
4	7022305	1	Swashplate	
5	See Note	2	Pin (Note: Not Available for Purchase)	
6	See Note	1	Gasket (Note: Use Item 100)	
7	7024862	1	Plate, Valve	
8	7023907	1	Cylinder Block Kit (Includes Items 8A & 9-17)	
8A	See Note	NSS	Block, Cylinder (Note: Use Item 8)	
9	7021277	1	Guide, Slipper Retainer	
10	7021275	3	Pin, Slipper Hold Down	
11	See Note	NSS	Piston Assembly (Note: Use Item 8)	
12	7021276	1	Retainer, Hold Down Pin	
13	7022310	1	Retainer, Slipper	
14	7022311	1	Ring, Retaining	
15	7022312	1	Spring	
16	7024868	1	Washer	
17	7022314	1	Retainer, Spring	
18	7023910	1	Shaft	
19	7007439	1	Ring, Retaining	
20	70000797	1	Cap, End - Axial	
21	7022368	5	Screw	
22	7021249	1	Bearing, Needle	
23	2220886	1	Plug (Includes Item 24)	
24	See Note	NSS	O-Ring (Note: Use Item 23 or 100)	
25	2220883	1	Plug (Includes Item 26)	
26	See Note	NSS	O-Ring (Note: Use Item 25 or 100)	
27	7027419	2	Plug (Includes Item 28)	
28	See Note	NSS	O-Ring (Note: Use Item 27 or 100)	
29	7022369	1	Seat, Spring	
30	70001932	1	Housing	
31	2220883	2	Plug (Includes Item 32)	
32	See Note	NSS	O-Ring (Note: Use Item 31 or 100)	
33	2220886	1	Plug (Includes Item 34)	
34	See Note	NSS	O-Ring (Note: Use Item 33 or 100)	
35	See Note	NSS	O-Ring (Note: Use Item 100)	
36	See Note	NSS	Ring, Seal (Note: Use Item 100)	
37	7024854	1	Piston, Servo (Includes Items 35 & 36)	
38	7007437	1	Bearing	
39	7022326	1	Spring	
40	See Note	NSS	Seal, Lip (Note: Use Item 100)	
41	7022371	1	Washer, Support	
100	7022328	1	Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40)	

FIGURE 1-9. TIRE AND WHEEL INSTALLATION - IN315/55D20 PNEUMATIC - 3394RT

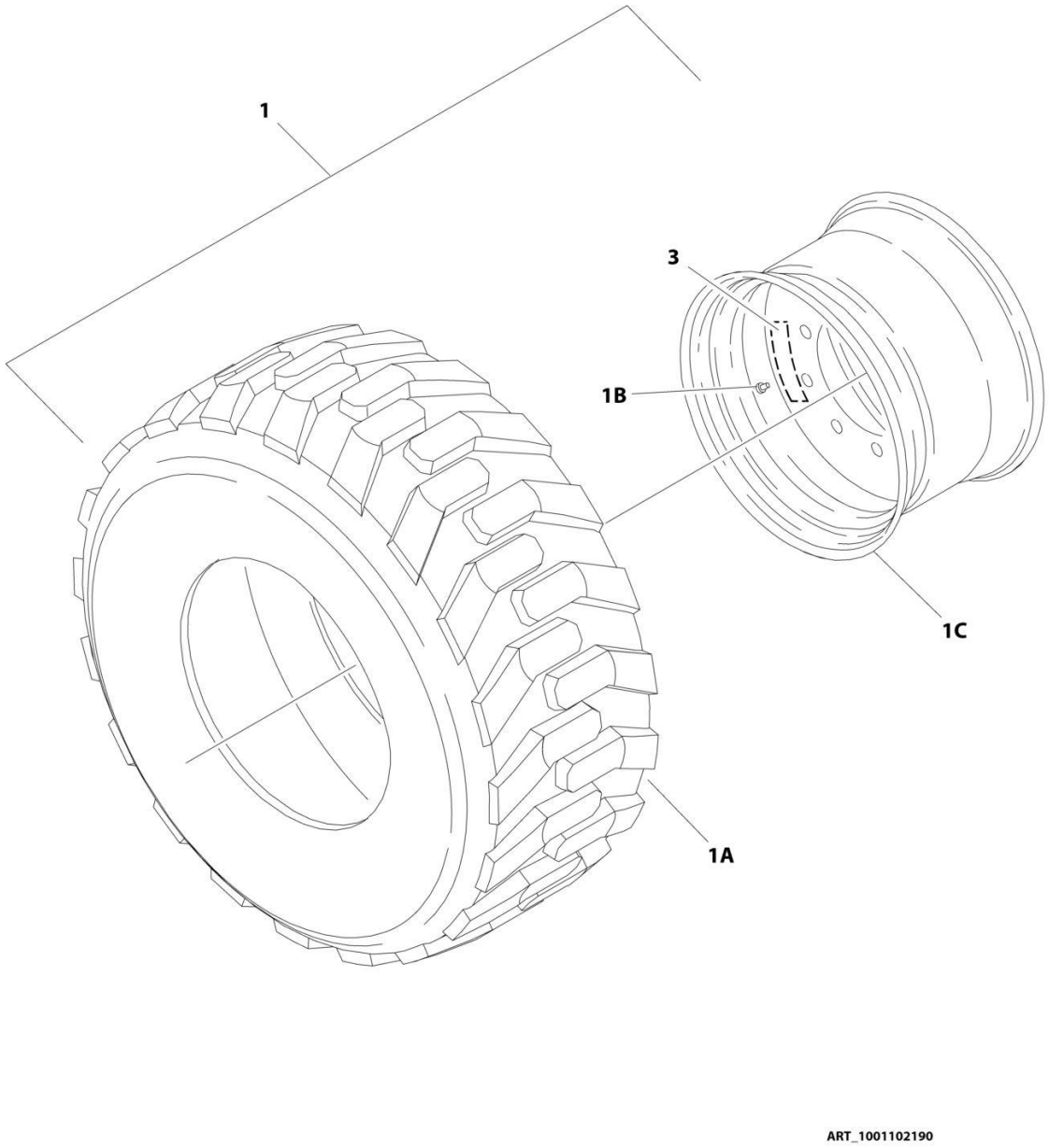


FIGURE 1-9. TIRE AND WHEEL INSTALLATION - IN315/55D20 PNEUMATIC - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102190	Ref	TIRE AND WHEEL INSTALLATION - IN315/55D20 PNEUMATIC - 3394RT	C
1	1001101512	2	Tire and Wheel Assembly - Left Side	B
1	1001101513	2	Tire and Wheel Assembly - Right Side	B
1A	4520608	1	Tire, IN315/55D20, Lug Tire	
1B	4640113	1	Valve, Air	
1C	1001101511	1	Rim, Wheel - 20 x 11	
3	1001105700	4	Decal - Transport Wheel Warning	

FIGURE 1-10. TIRE AND WHEEL INSTALLATION - 33/1550-16.5 PNEUMATIC - 3394RT

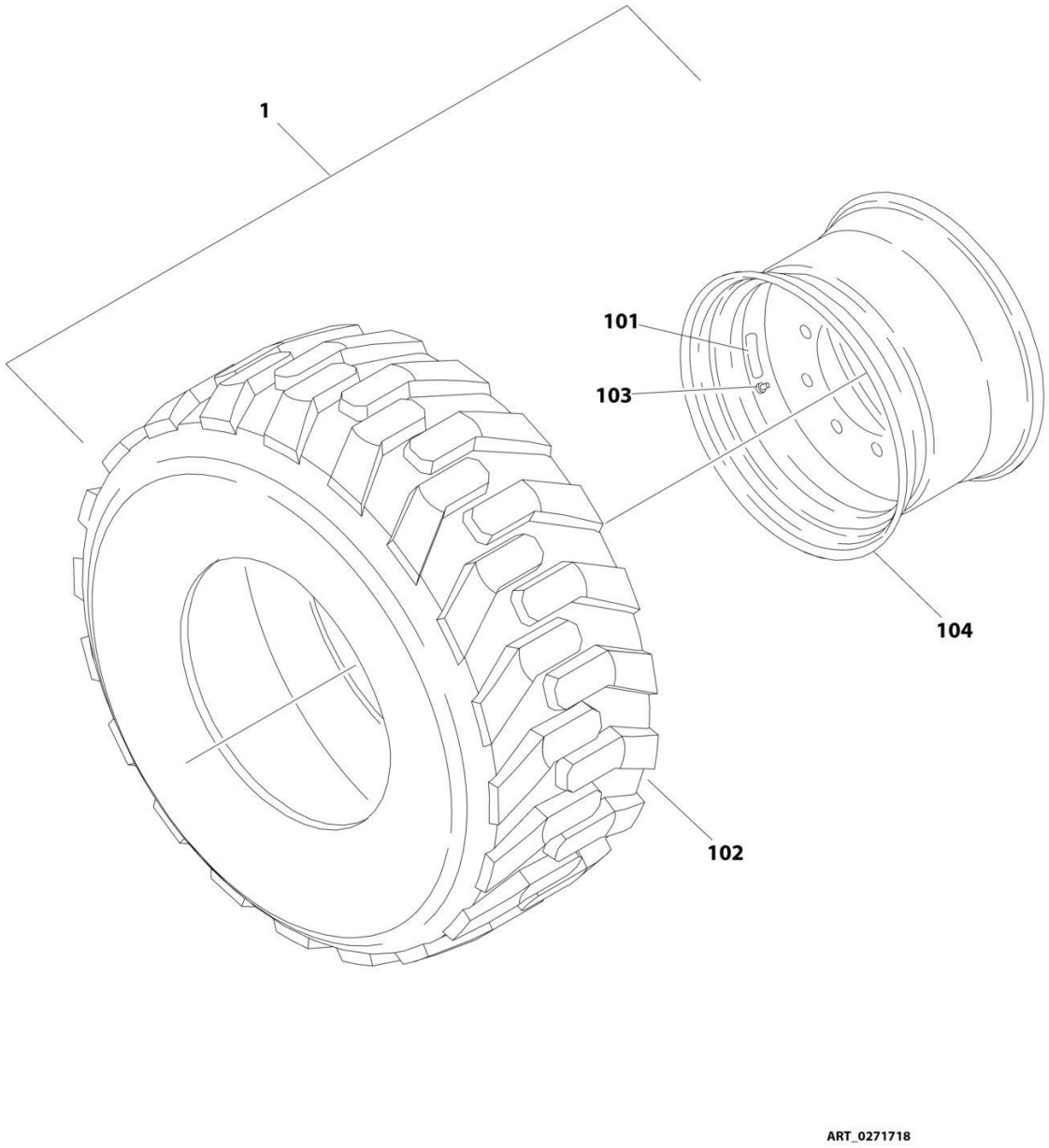


FIGURE 1-10. TIRE AND WHEEL INSTALLATION - 33/1550-16.5 PNEUMATIC - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271718	Ref	TIRE AND WHEEL INSTALLATION - 33/1550-16.5 PNEUMATIC - 3394RT	B
1	0257755	2	Tire and Wheel Assembly - Right Side	E
1	0257756	2	Tire and Wheel Assembly - Left Side	E
101	1702740	1	Decal - Tire Pressure	
102	4520217	1	Tire, 33/1550 x 16.5, Lug Tire	
103	4640113	1	Valve, Air	
104	4860179	1	Rim, Wheel - 16.5 x 12.0	

FIGURE 1-11. TIRE AND WHEEL INSTALLATION - 31 X 15.50-15 PNEUMATIC - 3394RT

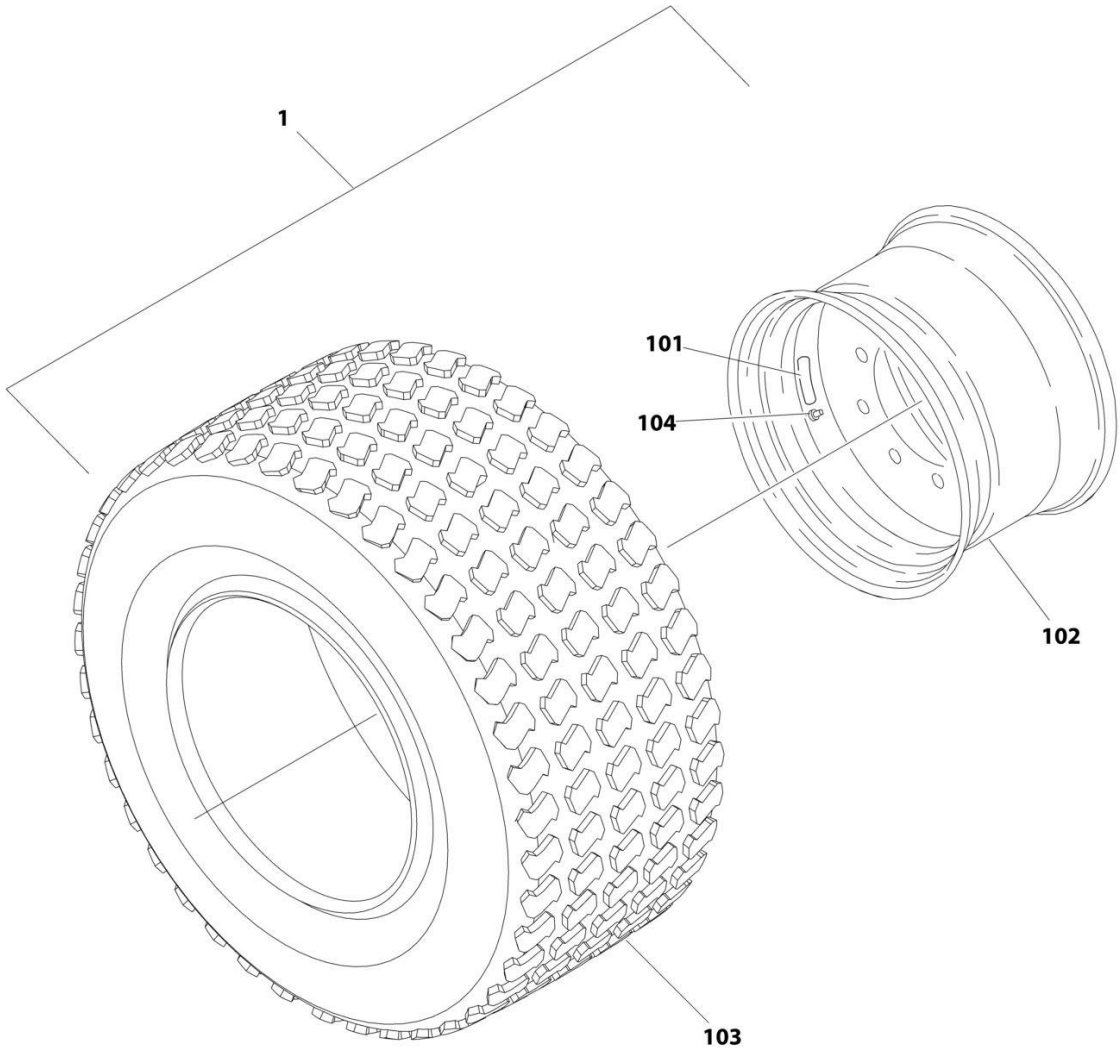


FIGURE 1-11. TIRE AND WHEEL INSTALLATION - 31 X 15.50-15 PNEUMATIC - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274789	Ref	TIRE AND WHEEL INSTALLATION - 31 X 15.50-15 PNEUMATIC - 3394RT	B
1	4520571	4	Tire and Wheel Assembly	C
101	1702137	1	Decal - Tire Pressure	
102	4520570	1	Rim, Wheel - 15 x 13	
103	4520576	1	Tire, 31 x 15.50-15, Grass Tire	
104	4640113	1	Valve, Air	

FIGURE 1-12. TIRE AND WHEEL INSTALLATION - 12 X 16.5 PNEUMATIC NON-MARKING - 3394RT

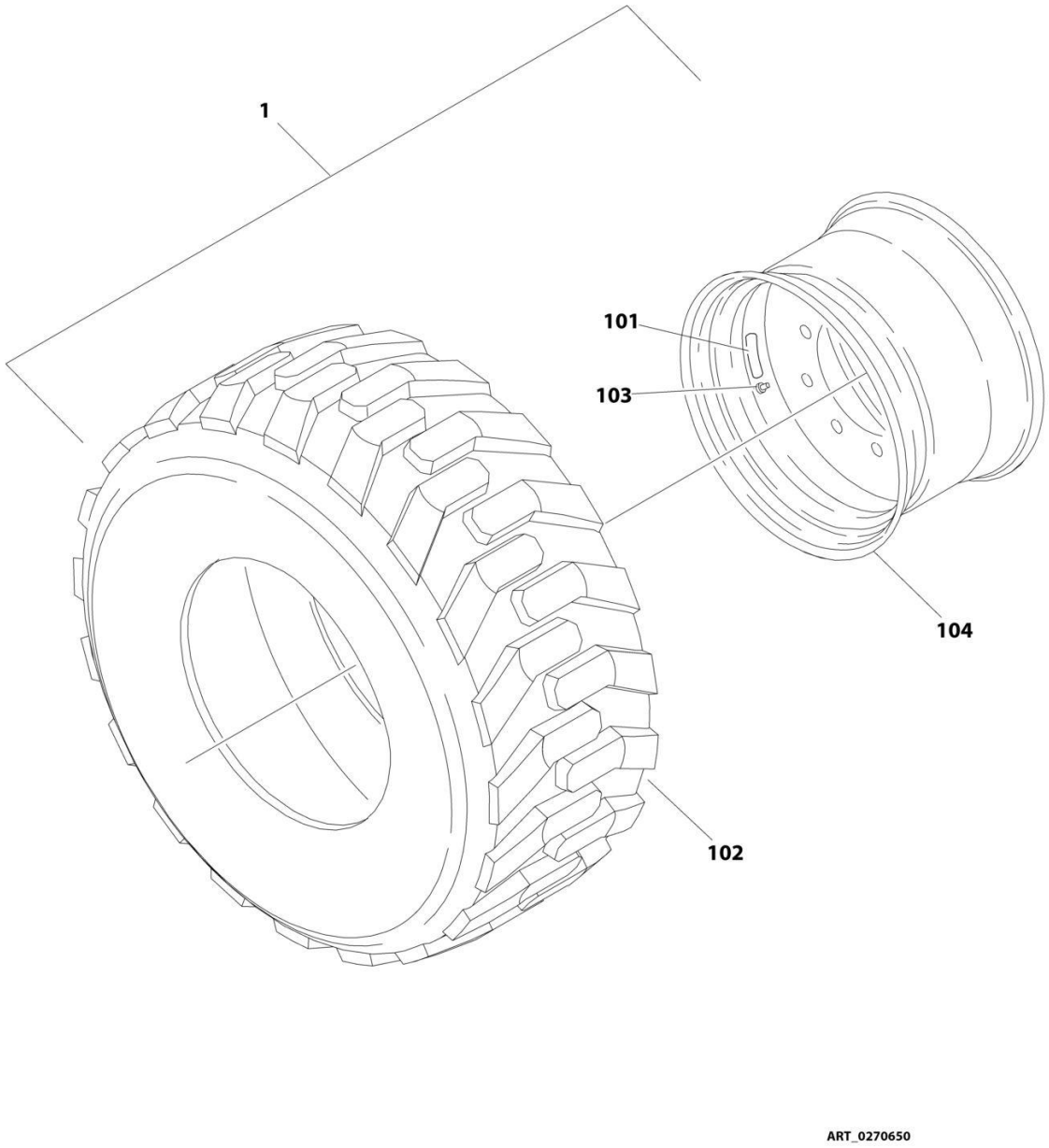


FIGURE 1-12. TIRE AND WHEEL INSTALLATION - 12 X 16.5 PNEUMATIC NON-MARKING - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270650	Ref	TIRE AND WHEEL INSTALLATION - 12 X 16.5 PNEUMATIC NON-MARKING - 3394RT	C
1	1001148867	1	Tire and Wheel Assembly - Right Side	D
1	1001148868	1	Tire and Wheel Assembly - Left Side	D
101	1702740	1	Decal - Tire Pressure	
102	4520240	1	Tire, 12 x 16.5, Non-Marking Tire	
103	4640113	1	Valve, Air	
104	1001147274	1	Rim, Wheel - 16.5 x 9.75	

FIGURE 1-13. TIRE AND WHEEL INSTALLATION - IN315/55D20 FOAM-FILLED - 3394RT/4394RT

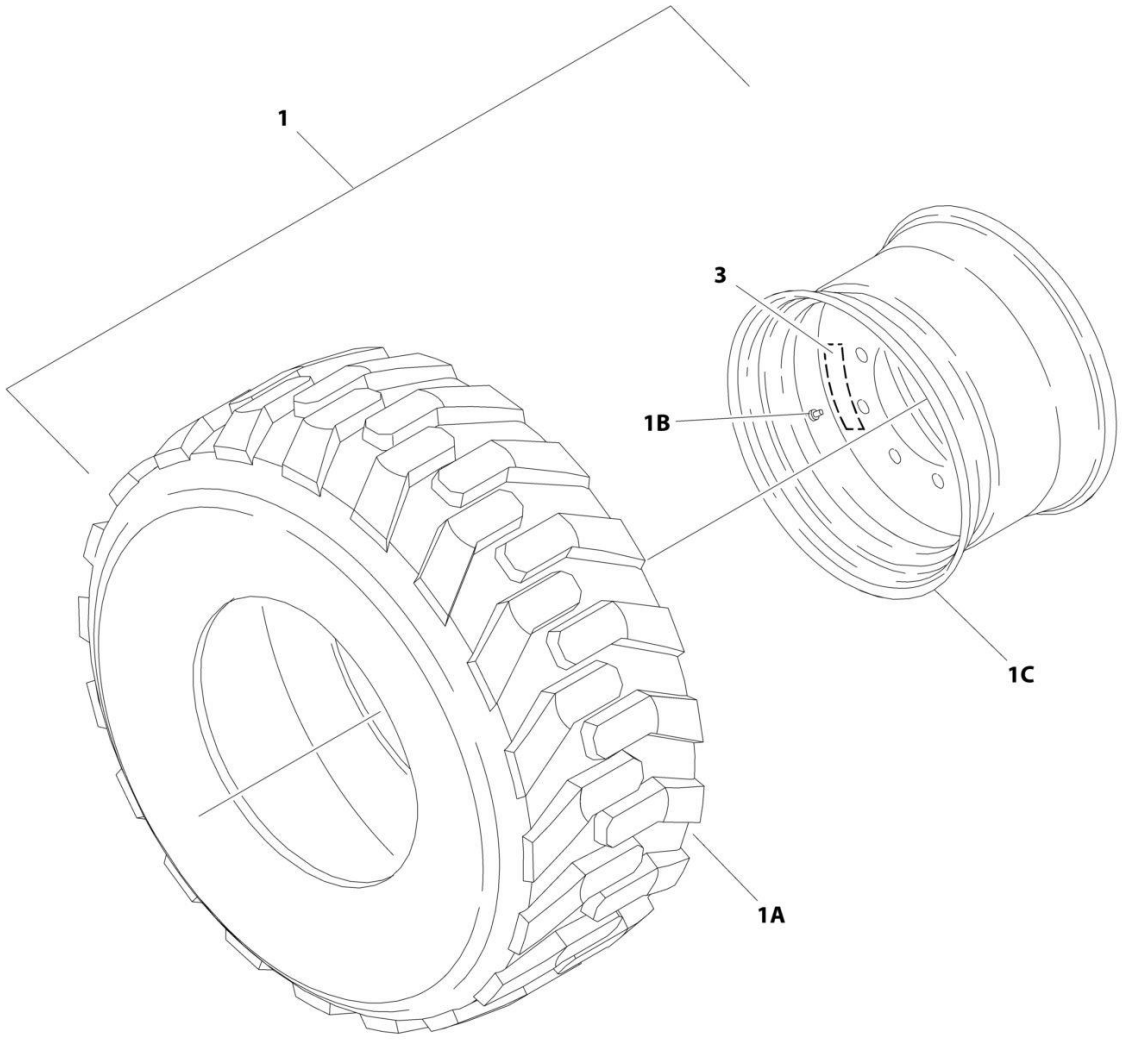


FIGURE 1-13. TIRE AND WHEEL INSTALLATION - IN315/55D20 FOAM-FILLED - 3394RT/4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102196	Ref	TIRE AND WHEEL INSTALLATION - IN315/55D20 FOAM-FILLED - 3394RT/4394RT	C
		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	1001102194	2	Tire and Wheel Assembly - Left Side	C
1	1001102195	2	Tire and Wheel Assembly - Right Side	C
1A	4520608	1	Tire, IN315/55D20, Lug Tire	
1B	4640113	1	Valve, Air **(SN 0200239053 through 0200249349)**	
1B	4641122	1	Valve, Air **(SN 0200249350 to Present)**	
1C	1001101511	1	Rim, Wheel - 20 x 11	
3	1001105700	4	Decal - Transport Wheel Warning	

FIGURE 1-14. TIRE AND WHEEL INSTALLATION - 33/1550-16.5 FOAM-FILLED - 3394RT/4394RT

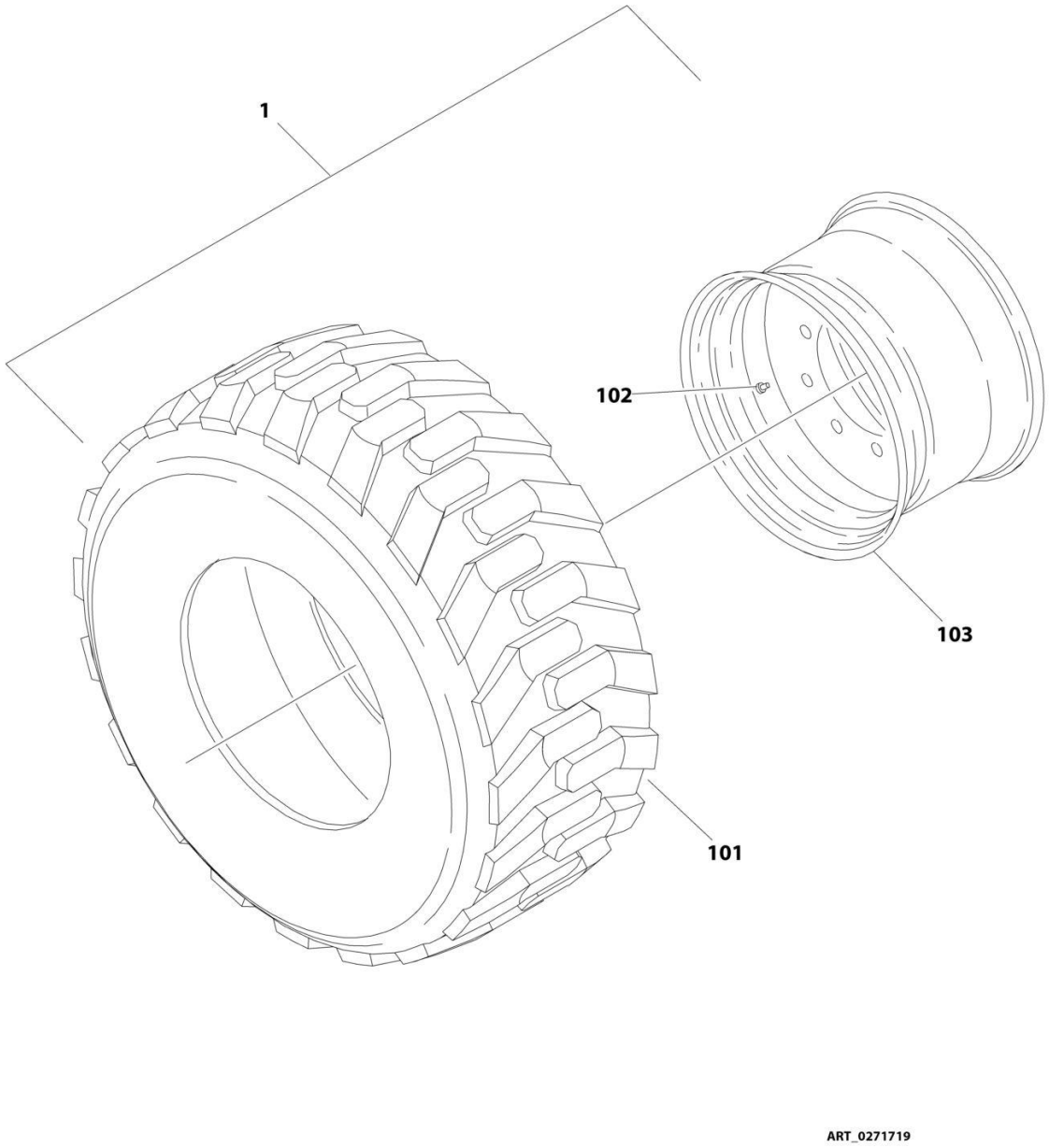


FIGURE 1-14. TIRE AND WHEEL INSTALLATION - 33/1550-16.5 FOAM-FILLED - 3394RT/4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271719	Ref	TIRE AND WHEEL INSTALLATION - 33/1550-16.5 FOAM-FILLED - 3394RT/4394RT	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	0258011	2	Tire and Wheel Assembly - Right Side	H
1	0258012	2	Tire and Wheel Assembly - Left Side	H
101	4520217	1	Tire, 33/1550 x 16.5, Lug Tire	
102	8786514	1	Valve, Air	
103	4860179	1	Rim, Wheel - 16.5 x 12.0	

FIGURE 1-15. TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM-FILLED - 3394RT

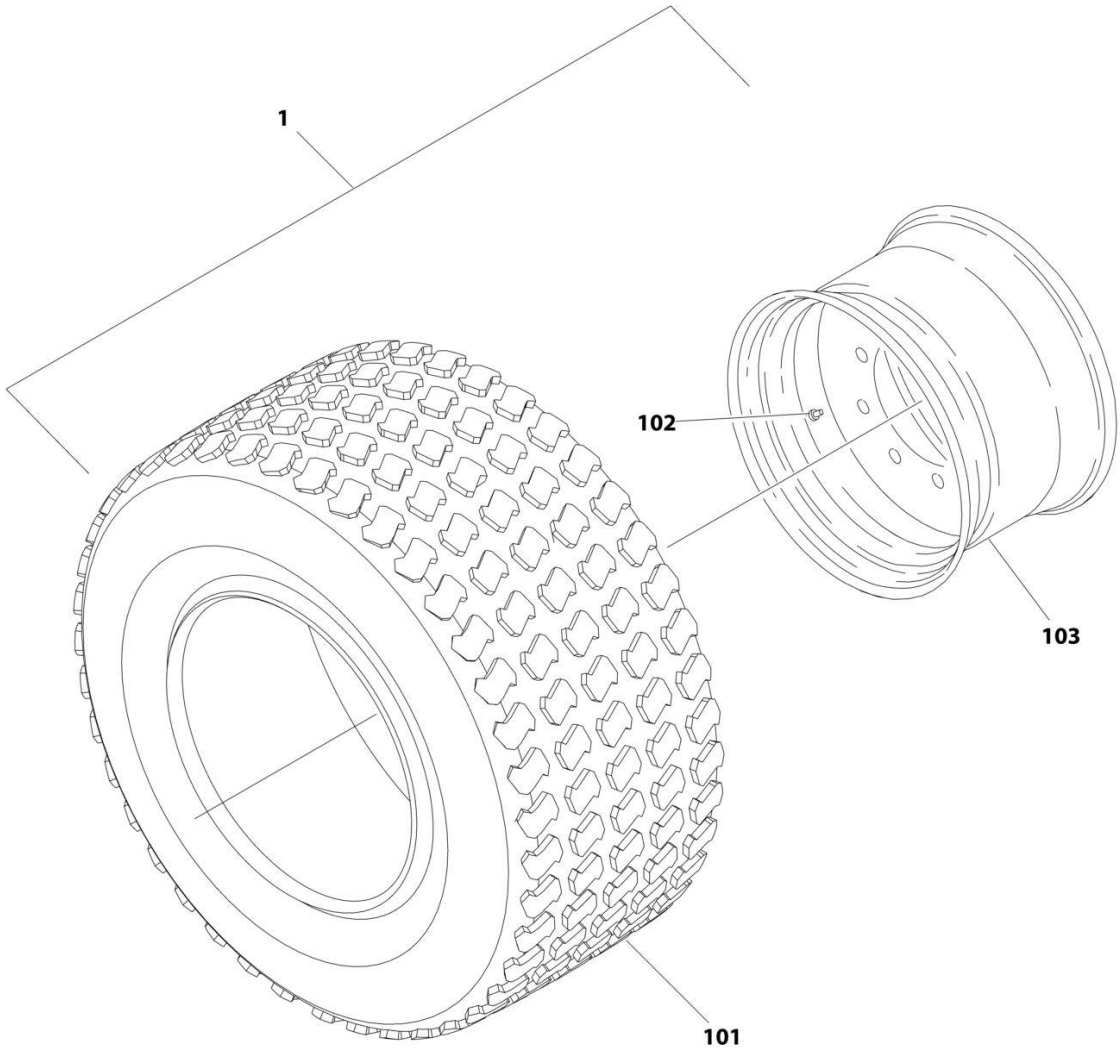


FIGURE 1-15. TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM-FILLED - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271785	Ref	TIRE AND WHEEL INSTALLATION - 33/16LL X 16.1 FOAM-FILLED - 3394RT	B
1	0272268	4	Tire and Wheel Assembly	D
101	4520262	1	Tire, 33 x 16LL500, Sand Tire	
102	4640113	1	Valve, Air **(SN 0200239053 through 0200249349)**	
102	4641122	1	Valve, Air **(SN 0200249350 to Present)**	
103	4860237	1	Rim, Wheel - 19.5 x 14	

FIGURE 1-16. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM-FILLED NON MARKING - 3394RT/4394RT

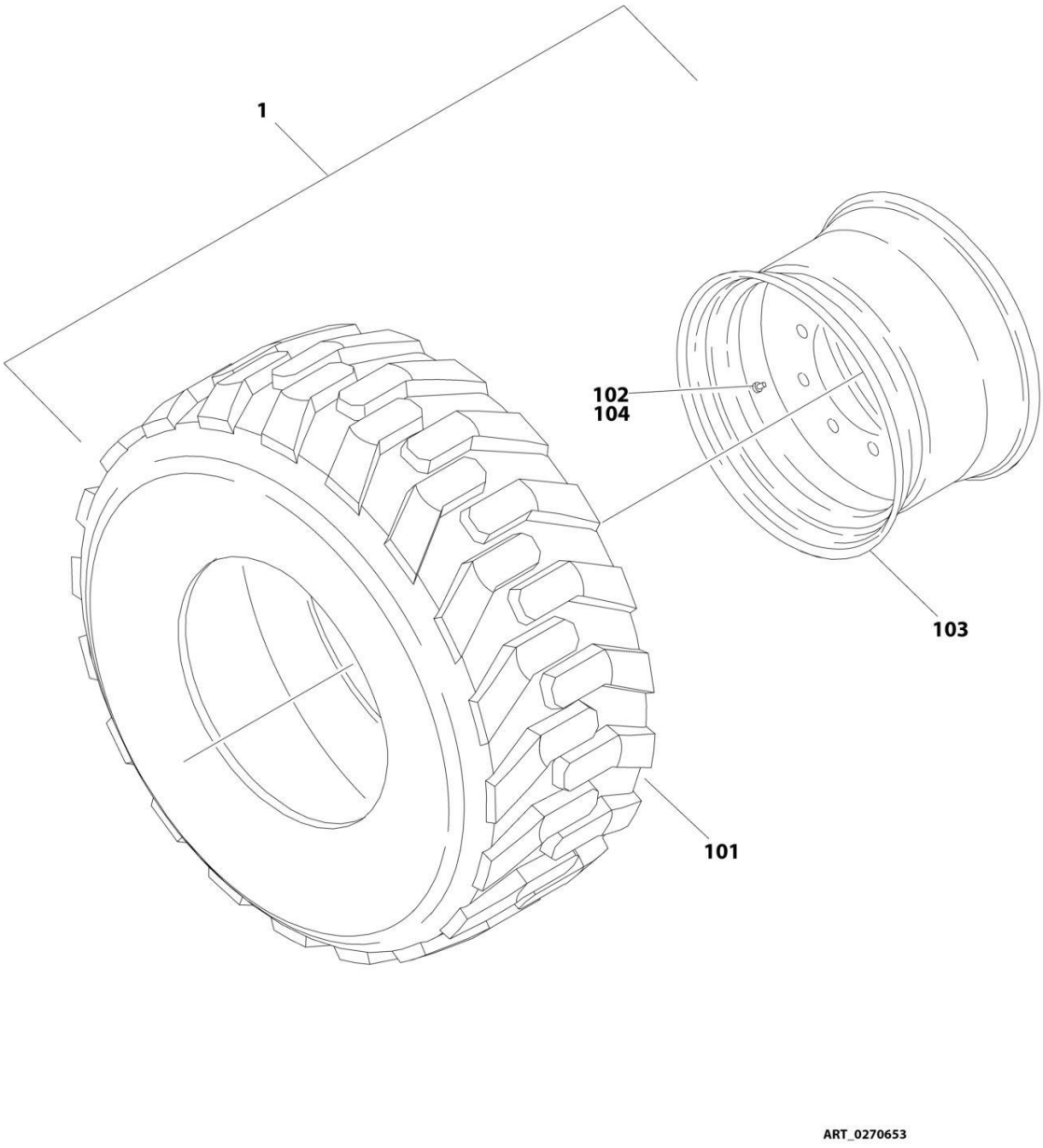


FIGURE 1-16. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM-FILLED NON MARKING - 3394RT/4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270653	Ref	TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM-FILLED NON-MARKING - 3394RT/4394RT	C
		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	1001148869	1	Tire and Wheel Assembly - Right Side	F
1	1001148870	1	Tire and Wheel Assembly - Left Side	F
101	4520240	1	Tire, 12 x 16.5 Non-Marking	
102	4641122	1	Valve, Air Liquid	
103	1001147274	1	Wheel, 16.5 x 9.75	
104	1001149953	1	Cap, Large Bore Dome	

FIGURE 1-17. WHEEL AND COUNTERWEIGHT INSTALLATION - IN315/55D20 PNEUMATIC - 4394RT

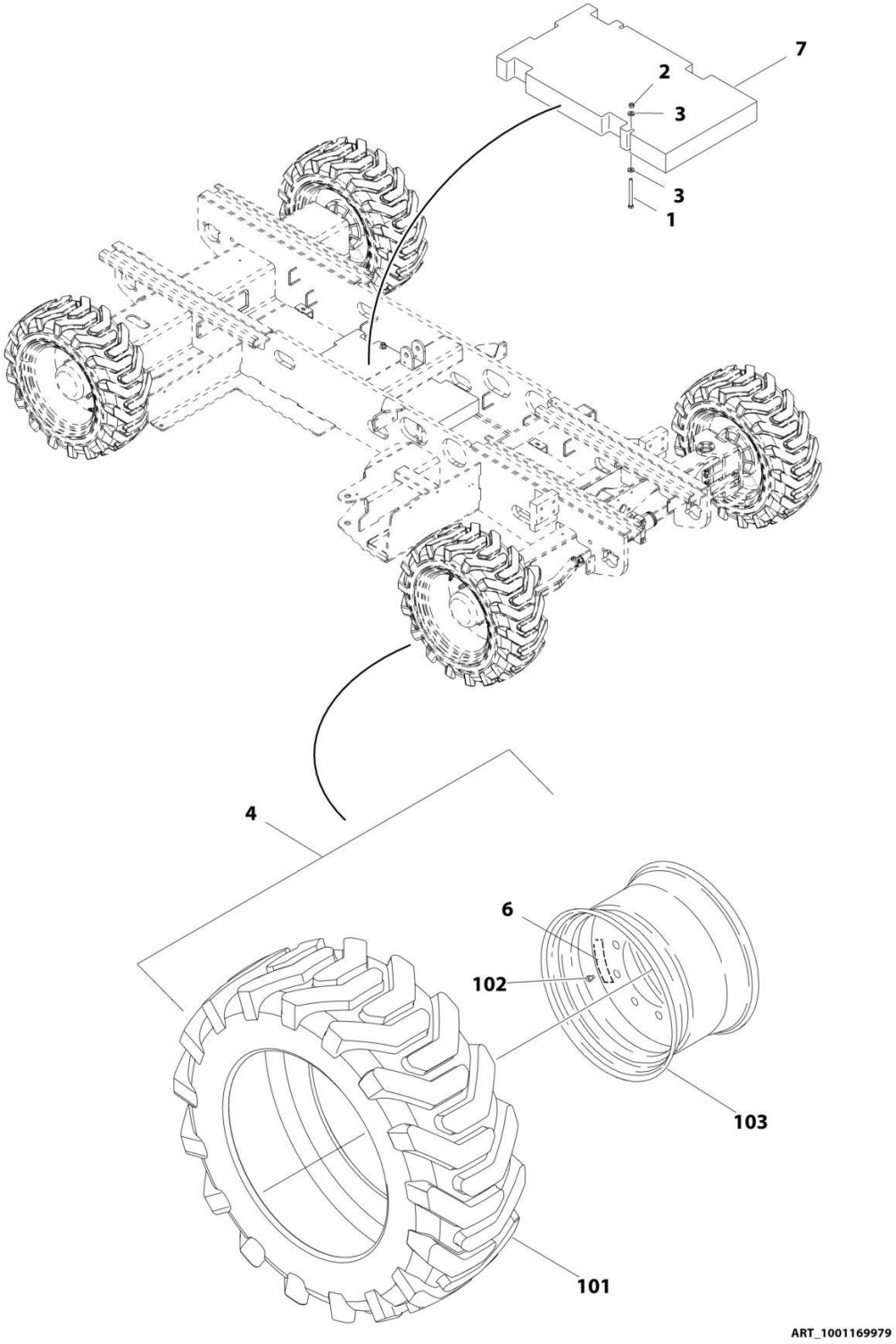


FIGURE 1-17. WHEEL AND COUNTERWEIGHT INSTALLATION - IN315/55D20 PNEUMATIC - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169979	Ref	WHEEL AND COUNTERWEIGHT INSTALLATION - IN315/55D20 PNEUMATIC - 4394RT	B
1	0681844	2	Bolt 1/2 x 5-1/2 Grade 8	
2	3271805	2	Nut 1/2 Grade 8	
3	4891800	4	Washer 1/2	
4	1001101512	2	Tire and Wheel Assembly - Left Side (See Items 101-103 for Breakdown)	
4	1001101513	2	Tire and Wheel Assembly - Right Side (See Items 101-103 for Breakdown)	
6	1001105700	4	Decal - Transport Wheels Warning	
7	1001164401	1	Weight, Frame	
	1001101512	Ref	Tire and Wheel Assembly - Left Side	B
	1001101513	Ref	Tire and Wheel Assembly - Right Side	B
101	4520608	1	Tire, IN315/55D20	
102	4640113	1	Valve, Air	
103	1001101511	1	Rim, Wheel - 20 x 11	

FIGURE 1-18. WHEEL AND COUNTERWEIGHT INSTALLATION - 33/1550-16.5 PNEUMATIC - 4394RT

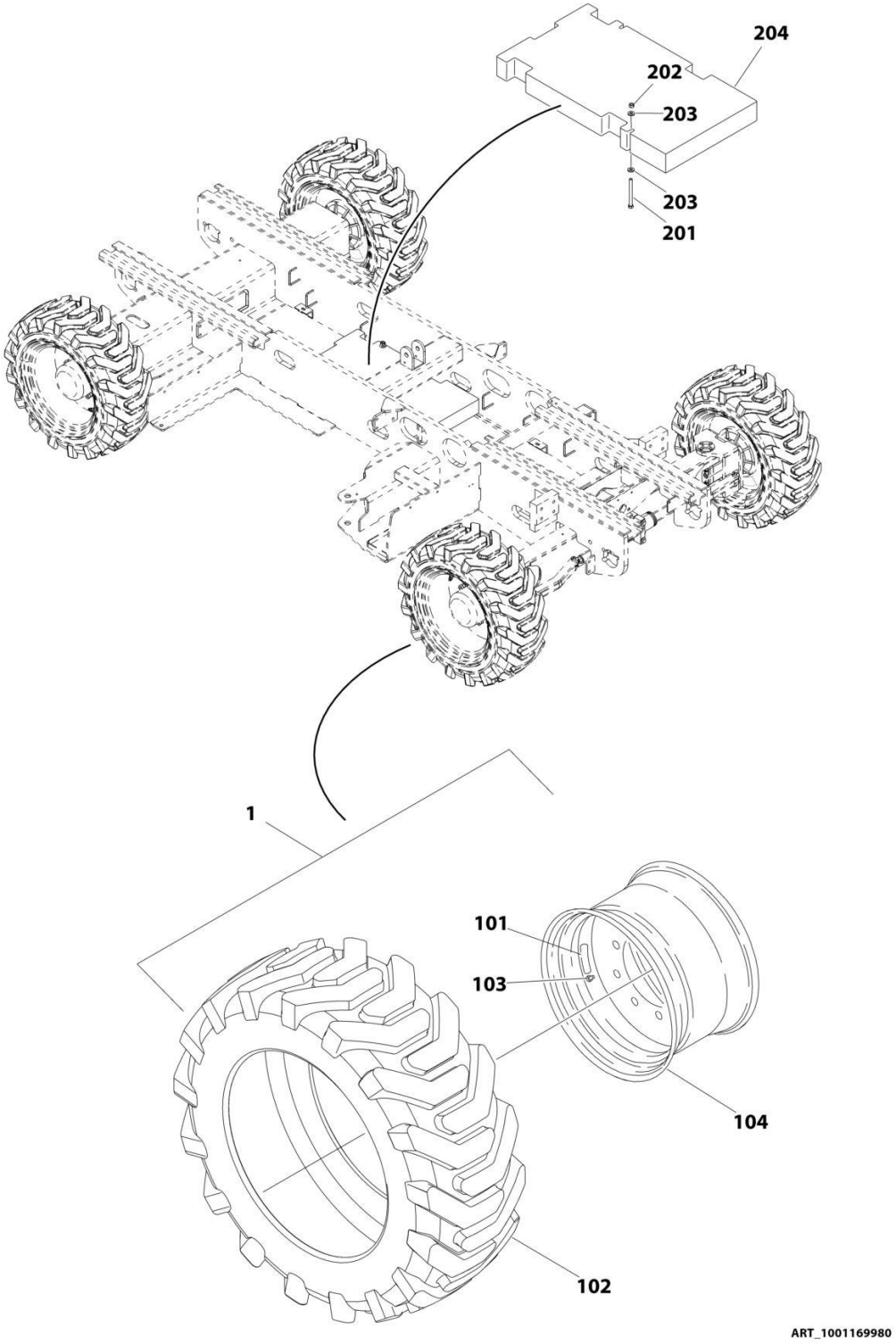


FIGURE 1-18. WHEEL AND COUNTERWEIGHT INSTALLATION - 33/1550-16.5 PNEUMATIC - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169980	Ref	WHEEL AND COUNTERWEIGHT INSTALLATION - 33/1550-16.5 PNEUMATIC - 4394RT	B
	0271718	Ref	Tire and Wheel Installation	B
1	0257755	2	Tire and Wheel Assembly - Right Side	D
1	0257756	2	Tire and Wheel Assembly - Left Side	D
101	1702740	1	Decal - Tire Pressure	
102	4520217	1	Tire, 33/1550 x 16.5	
103	4640113	1	Valve, Air	
104	4860179	1	Rim, Wheel 16.5 x 12.0	
	1001164185	Ref	Counter Weight Installation	B
201	0681844	2	Bolt 1/2 x 5-1/2 Grade 8	
202	3271805	2	Nut 1/2 Grade 8	
203	4891800	4	Washer 1/2	
204	1001164401	1	Weight, Frame	

FIGURE 1-19. WHEEL AND COUNTERWEIGHT INSTALLATION - 12 X 16.5 PNEUMATIC NON-MARKING - 4394RT

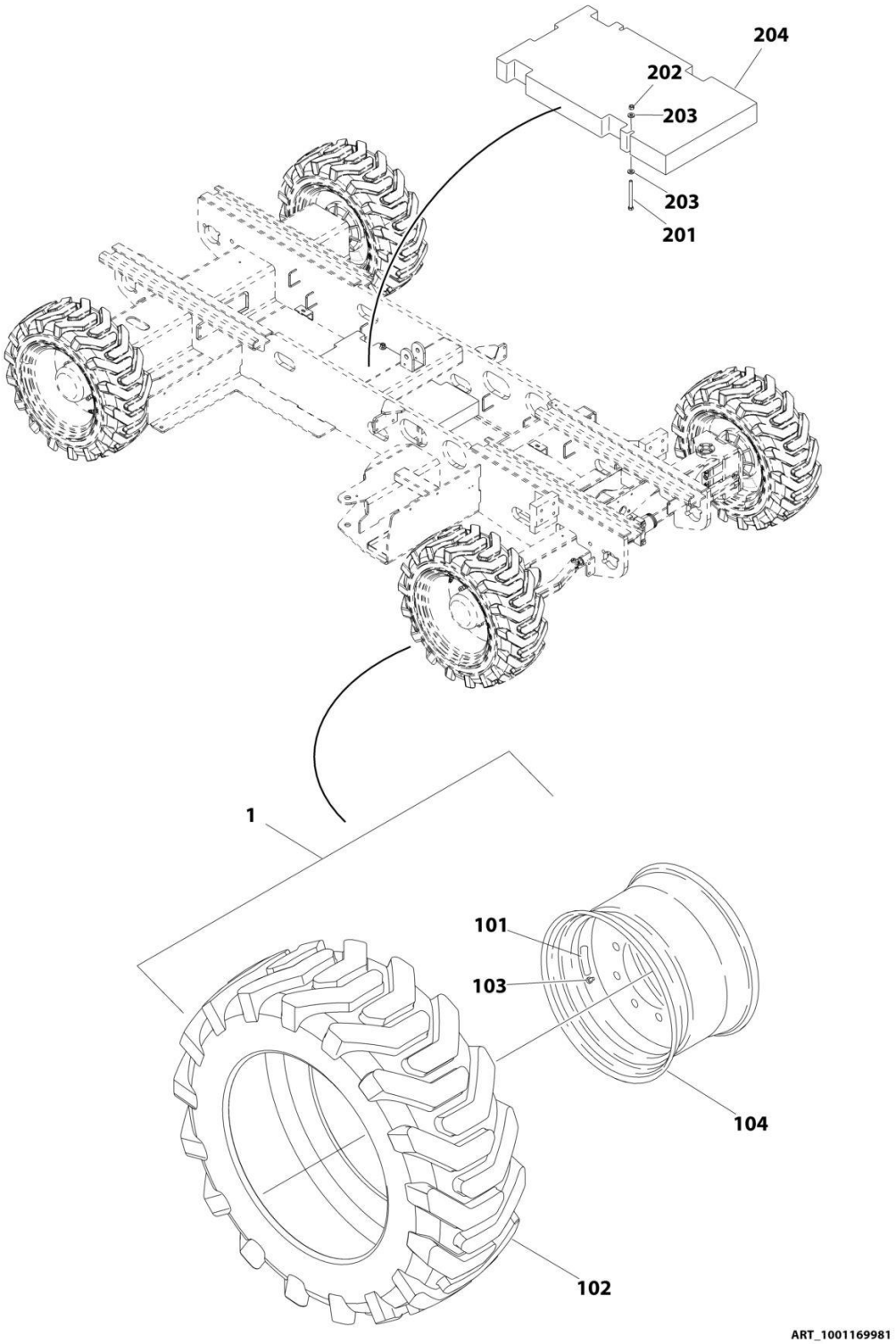


FIGURE 1-19. WHEEL AND COUNTERWEIGHT INSTALLATION - 12 X 16.5 PNEUMATIC NON-MARKING - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001169981	Ref	WHEEL AND COUNTERWEIGHT INSTALLATION - 12 X 16.5 PNEUMATIC NON-MARKIMG - 4394RT	B
	0270650	Ref	Tire and Wheel Installation	C
1	1001148867	2	Tire and Wheel Assembly - Right Side	D
1	1001148868	2	Tire and Wheel Assembly - Left Side	D
101	1702740	1	Decal - Tire Pressure	
102	4520240	1	Tire, 12 x 16.5, Non-Marking Tire	
103	4640113	1	Valve, Air	
104	1001147274	1	Rim, Wheel - 16.5 x 9.75	
	1001164185	Ref	Counterweight Installation	B
201	0681844	2	Bolt 1/2 x 5-1/2 Grade 8	
202	3271805	2	Nut 1/2 Grade 8	
203	4891800	4	Washer 1/2	
204	1001164401	1	Weight, Frame	

FIGURE 1-20. BEACON LIGHT INSTALLATION - OPTIONAL

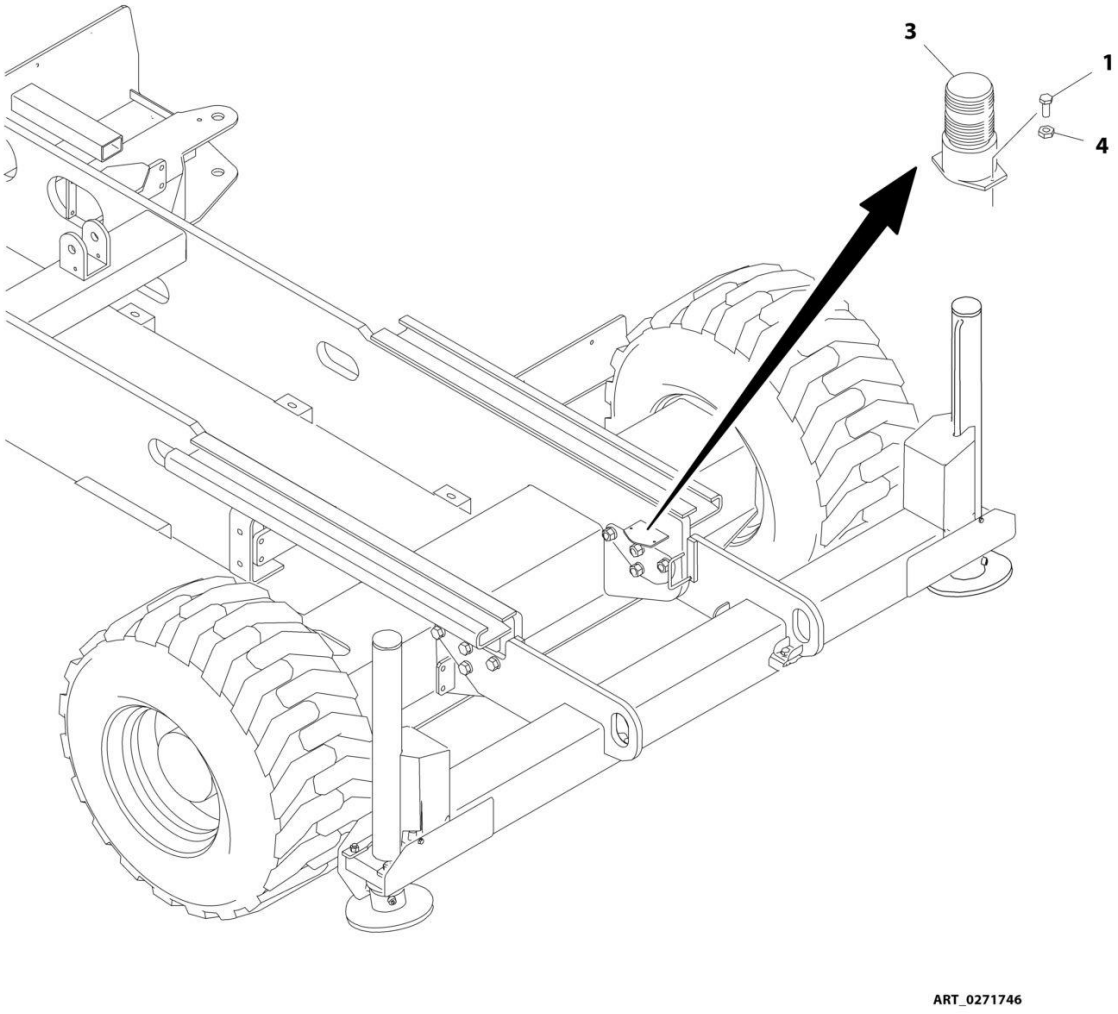


FIGURE 1-20. BEACON LIGHT INSTALLATION - OPTIONAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271746	Ref	BEACON LIGHT INSTALLATION - OPTIONAL	C
1	0721004	2	Screw #10 x 1/2	
2	2820018	AR	Heat-Shrink (Not Shown)	
3	2920146	1	Beacon Light Assembly	
3	7016319	1	Bulb, Replacement	
3	7016372	1	Len, Replacement	
4	3311005	2	Nut #10	
5	4922739	1	Harness, Beacon Light (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 1-21. LEVELING JACK INSTALLATION - OPTIONAL ON 3394RT - STANDARD ON 4394RT

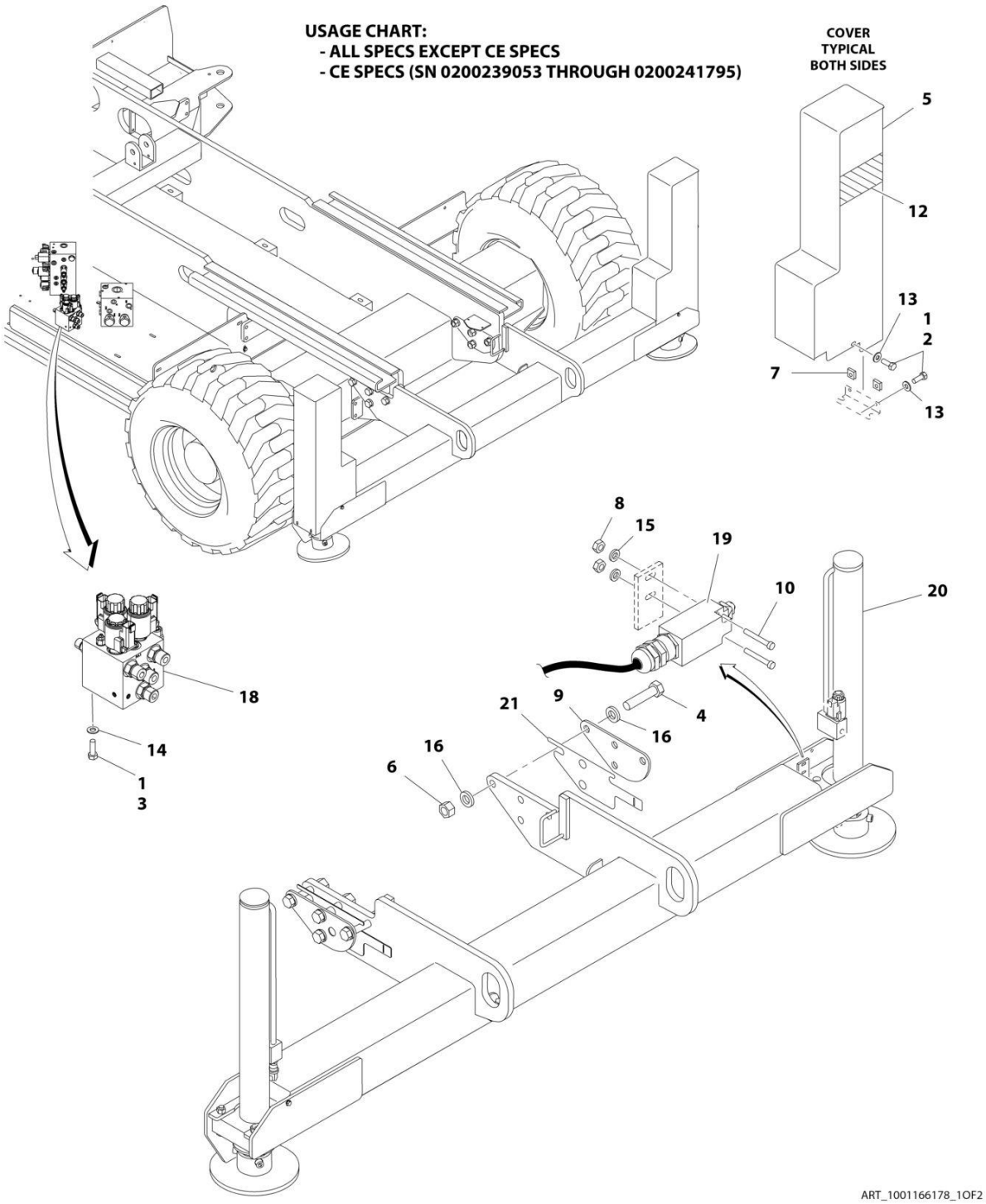


FIGURE 1-21. LEVELING JACK INSTALLATION - OPTIONAL ON 3394RT - STANDARD ON 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001166178	Ref	LEVELING JACK INSTALLATION - OPTIONAL ON 3394RT - STANDARD ON 4394RT	D
1	0100011	AR	Compound, Locking	
2	0641407	16	Bolt 1/4 x 7/8	
3	0641508	3	Bolt 5/16 x 1	
4	0682230	16	Bolt 3/4 x 3-3/4 Grade 8	
5	1671165	4	Cover	
6	3272205	16	Nut 3/4 Grade 8	
7	3300353	16	Nut, Tinnerman	
8	3310805	8	Nut #8	
9	3573658	4	Plate	
10	3930820	8	Capscrew #8 x 1-1/4	
12	4420051	8 ft /2.4m	Tape, Safety	
13	4711400	16	Washer 1/4	
14	4711500	3	Washer 5/16	
15	4750800	8	Washer #8	
16	4892200	32	Washer 3/4	
17	1001103552	1	Hydraulic Diagram (Not Shown - See HYDRAULIC SECTION for Breakdown)	
18	1001103762	1	Leveling Jack Valve Assembly (See LEVELING JACK VALVE ASSEMBLY for Breakdown)	
19	1001103801	1	Harness, Leveling Jack (See ELECTRICAL SECTION for Breakdown)	
20	1001166177	2	Leveling Jack Assembly (See LEVELING JACK VALVE ASSEMBLY for Breakdown)	
21	1001166837	AR	Shim	

FIGURE 1-22. LEVELING JACK INSTALLATION - OPTIONAL ON 3394RT - STANDARD ON 4394RT

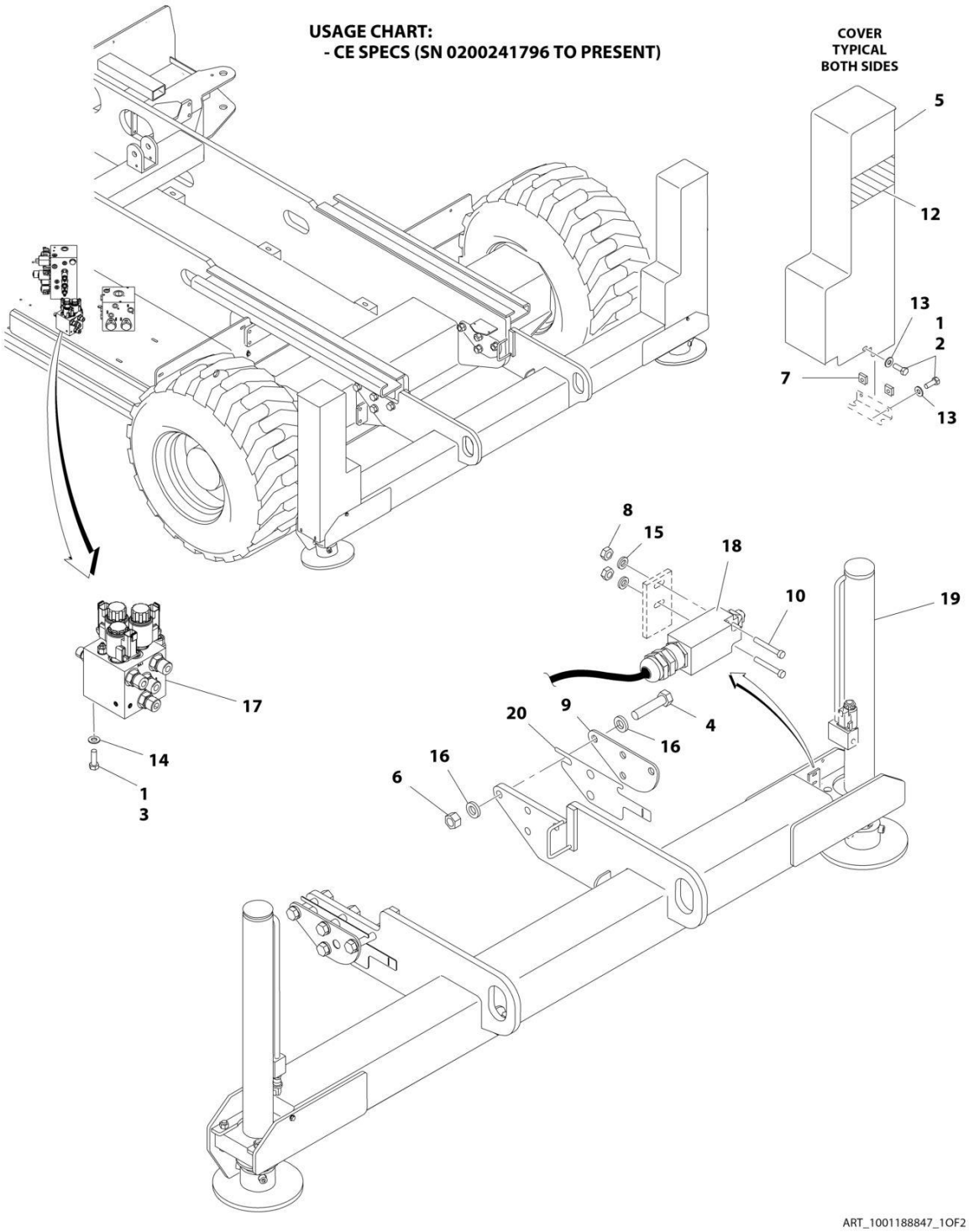


FIGURE 1-22. LEVELING JACK INSTALLATION - OPTIONAL ON 3394RT - STANDARD ON 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001188847	Ref	LEVELING JACK INSTALLATION - OPTIONAL ON 3394RT - STANDARD ON 4394RT	A
1	0100011	AR	Compound, Locking	
2	0641407	16	Bolt 1/4 x 7/8	
3	0641508	3	Bolt 5/16 x 1	
4	0682230	16	Bolt 3/4 x 3-3/4 Grade 8	
5	1671165	4	Cover	
6	3272205	16	Nut 3/4 Grade 8	
7	3300353	16	Nut, Tinnerman	
8	3310805	8	Nut #8	
9	3573658	4	Plate	
10	3930820	8	Capscrew #8 x 1-1/4	
12	4420051	8 ft/2.4m	Tape, Safety	
13	4711400	16	Washer 1/4	
14	4711500	3	Washer 5/16	
15	4750800	8	Washer #8	
16	4892200	32	Washer 3/4	
17	1001103762	1	Leveling Jack Valve Assembly (See LEVELING JACK VALVE ASSEMBLY for Breakdown)	
18	1001103801	1	Harness, Leveling Jack (See ELECTRICAL SECTION for Breakdown)	
19	1001166177	2	Leveling Jack Assembly (See LEVELING JACK VALVE ASSEMBLY for Breakdown)	
20	1001166837	AR	Shim	
21	1001188848	1	Hydraulic Diagram (Not Shown - See HYDRAULIC SECTION for Breakdown)	

FIGURE 1-23. LEVELING JACK VALVE ASSEMBLY

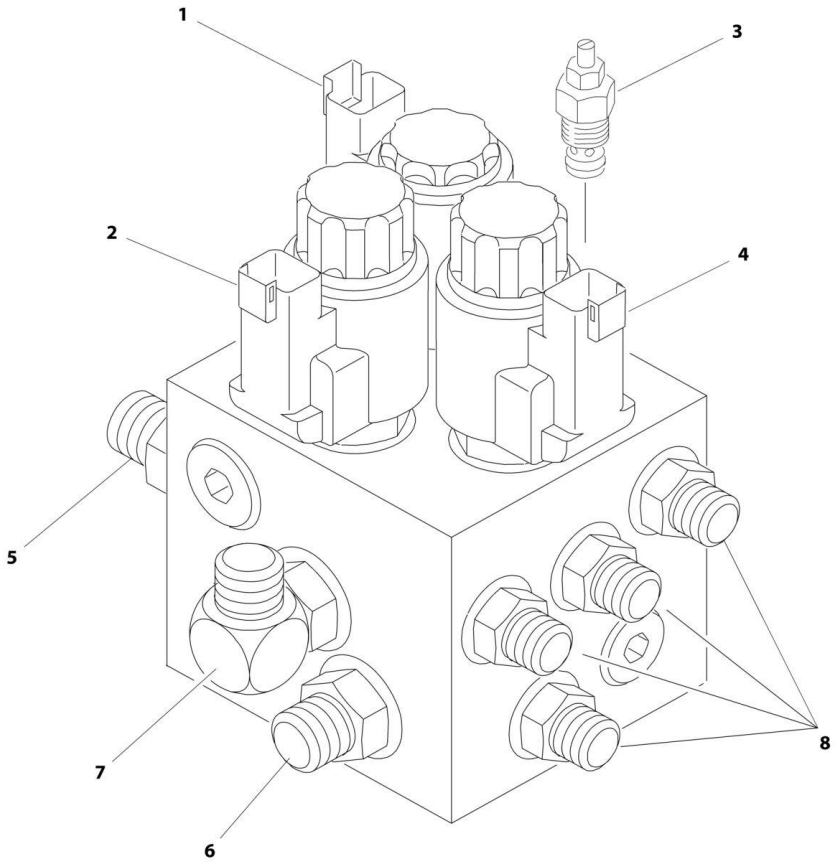


FIGURE 1-23. LEVELING JACK VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103762	Ref	LEVELING JACK VALVE ASSEMBLY	C
1	7024497	1	Cartridge without Coil (Retract)	
1	7024502	1	Seal Kit - 7024497 Cartridge	
1	70001965	1	Coil	
1	7024506	1	Coil Nut Kit	
2	7024498	1	Cartridge without Coil (Extend)	
2	7024503	1	Seal Kit - 7024498 Cartridge	
2	70001965	1	Coil	
2	7024507	1	Coil Nut Kit	
3	7024499	1	Cartridge	
3	7024504	1	Seal Kit - 7024499 Cartridge	
4	7024500	1	Cartridge without Coil	
4	7024505	1	Seal Kit - 7024500 Cartridge	
4	70001965	1	Coil	
4	7024506	1	Coil Nut Kit	
5	2110808	4	Fitting, Straight ORFS/ORB	
6	2110608	1	Fitting, Straight ORFS/ORB	
7	2130608	1	Fitting, 90 ORFS/ORB	
8	2110606	4	Fitting, Straight ORFS/ORB	

FIGURE 1-24. LEVELING JACK ASSEMBLY

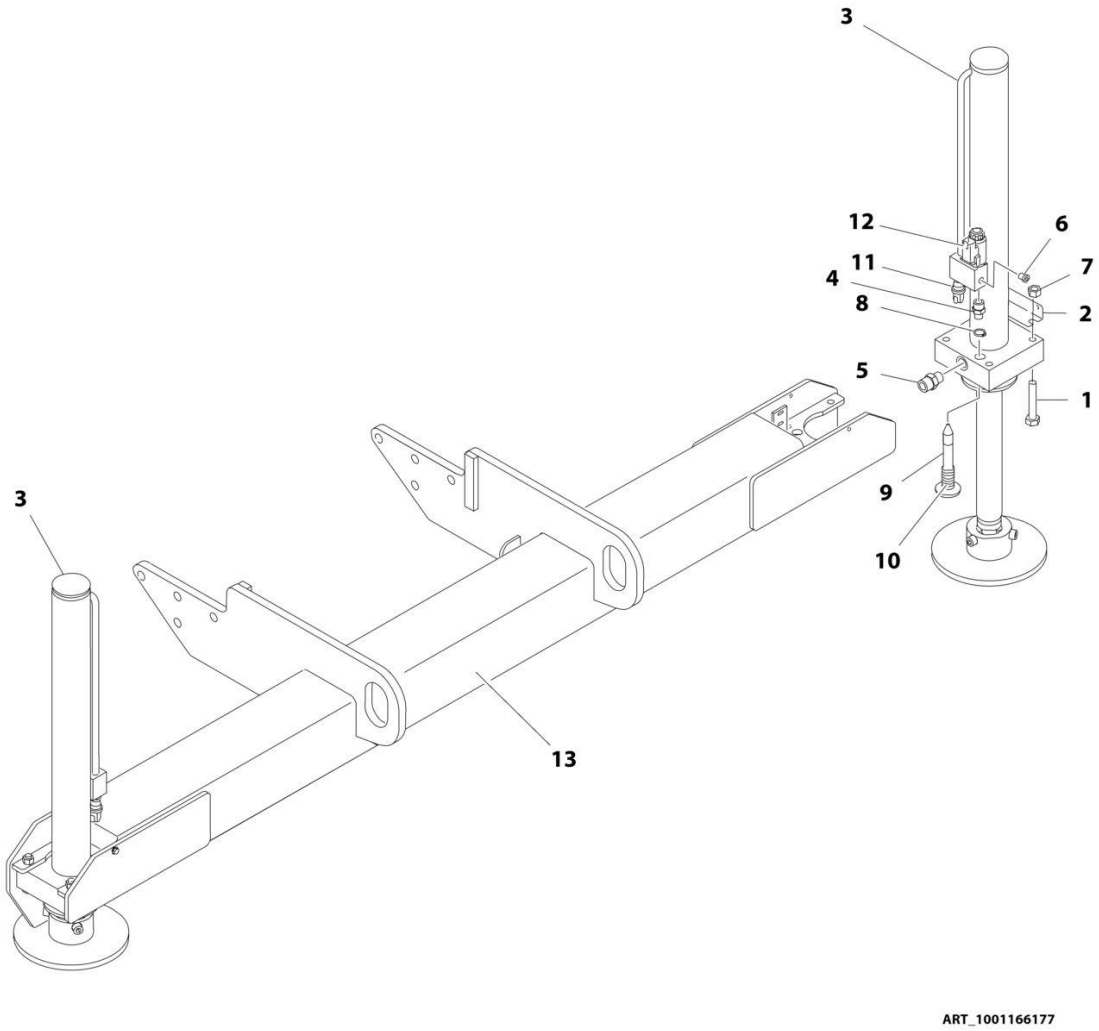


FIGURE 1-24. LEVELING JACK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166177	Ref	LEVELING JACK ASSEMBLY	D
		Ref	Note: Qty shown is for one Level Jack Assembly. Two assemblies required per machine.	
1	0641824	8	Bolt 1/2 x 3	
2	0903054	2	Bracket, Jack Cover	
3	1684406	NLA	Jack Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
4	2110606	2	Fitting, Straight ORFS/ORB	
5	2110808	2	Fitting, Straight ORFS/ORB	
6	2220883	2	Plug	
7	3311805	8	Nut 1/2-13	
8	3760348	2	Ring, Retaining	
9	3841564	2	Rod	
10	4160116	2	Spring	
11	4360518	2	Transducer, Pressure	
12	1001103761	2	Cartridge, Solenoid Valve	
12	7024502	2	Seal Kit - 1001103761 Valve (1 Per Cartridge)	
12	70001965	2	Coil (1 Per Cartridge)	
12	7024506	2	Coil Nut Kit (1 Per Cartridge)	
13	1001166176	1	Mount, Leveling Jack	

SECTION 2 - GROUND CONTROLS

FIGURE 2-1. CONTROL VALVE INSTALLATION

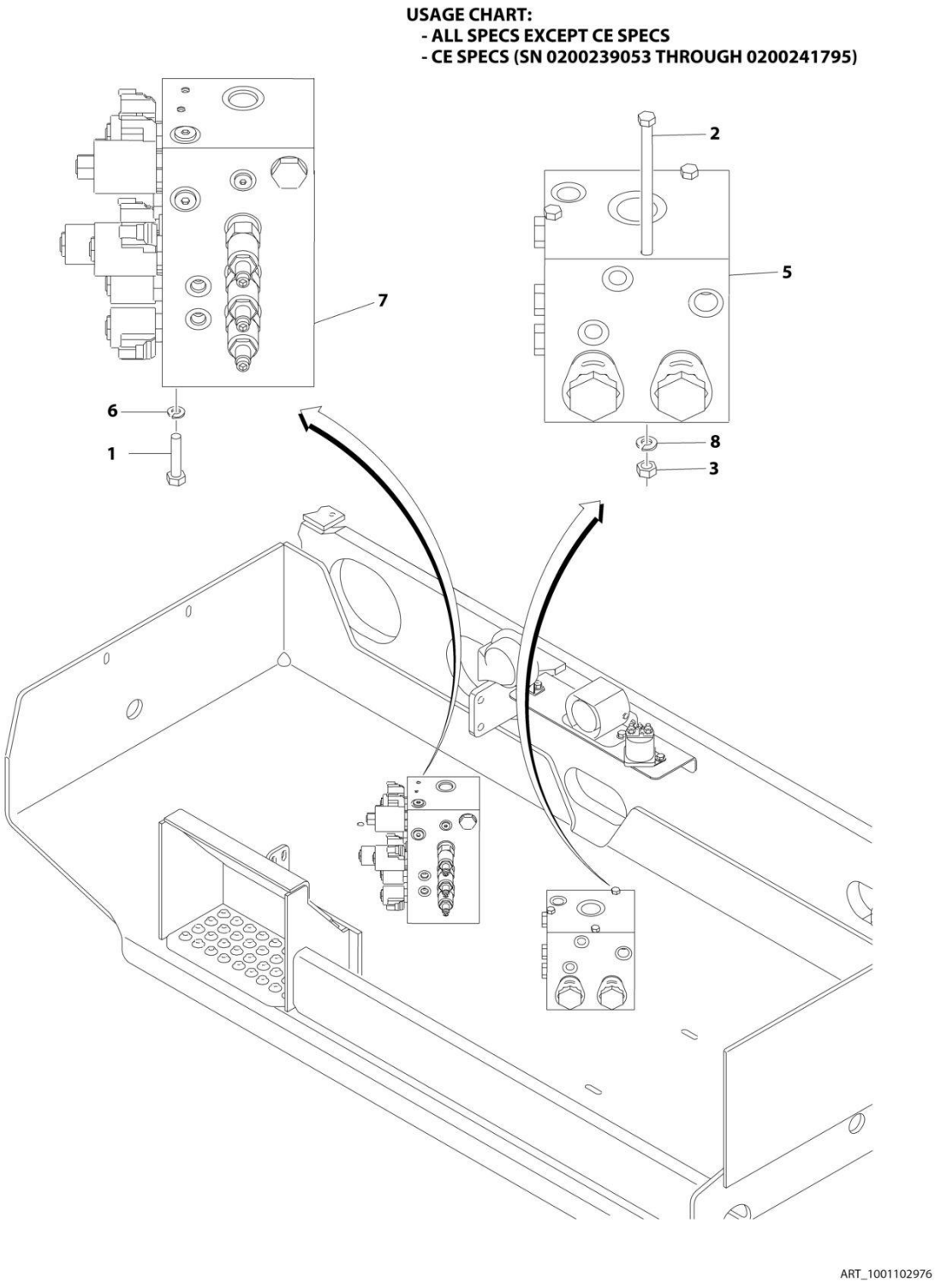


FIGURE 2-1. CONTROL VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001102976	Ref	CONTROL VALVE INSTALLATION	D
1	0641608	4	Bolt 3/8 x 1	
2	0641560	3	Bolt 5/16 x 7-1/2	
3	3311501	3	Nut 5/16	
5	4641303	1	Flow Divider Valve Assembly (See FLOW DIVIDER VALVE ASSEMBLY for Breakdown)	
6	4761600	4	Washer 3/8	
7	1001105709	1	Main Valve Assembly (See MAIN CONTROL VALVE ASSEMBLY for Breakdown)	
8	4761500	3	Washer 5/16	

FIGURE 2-2. CONTROL VALVE INSTALLATION

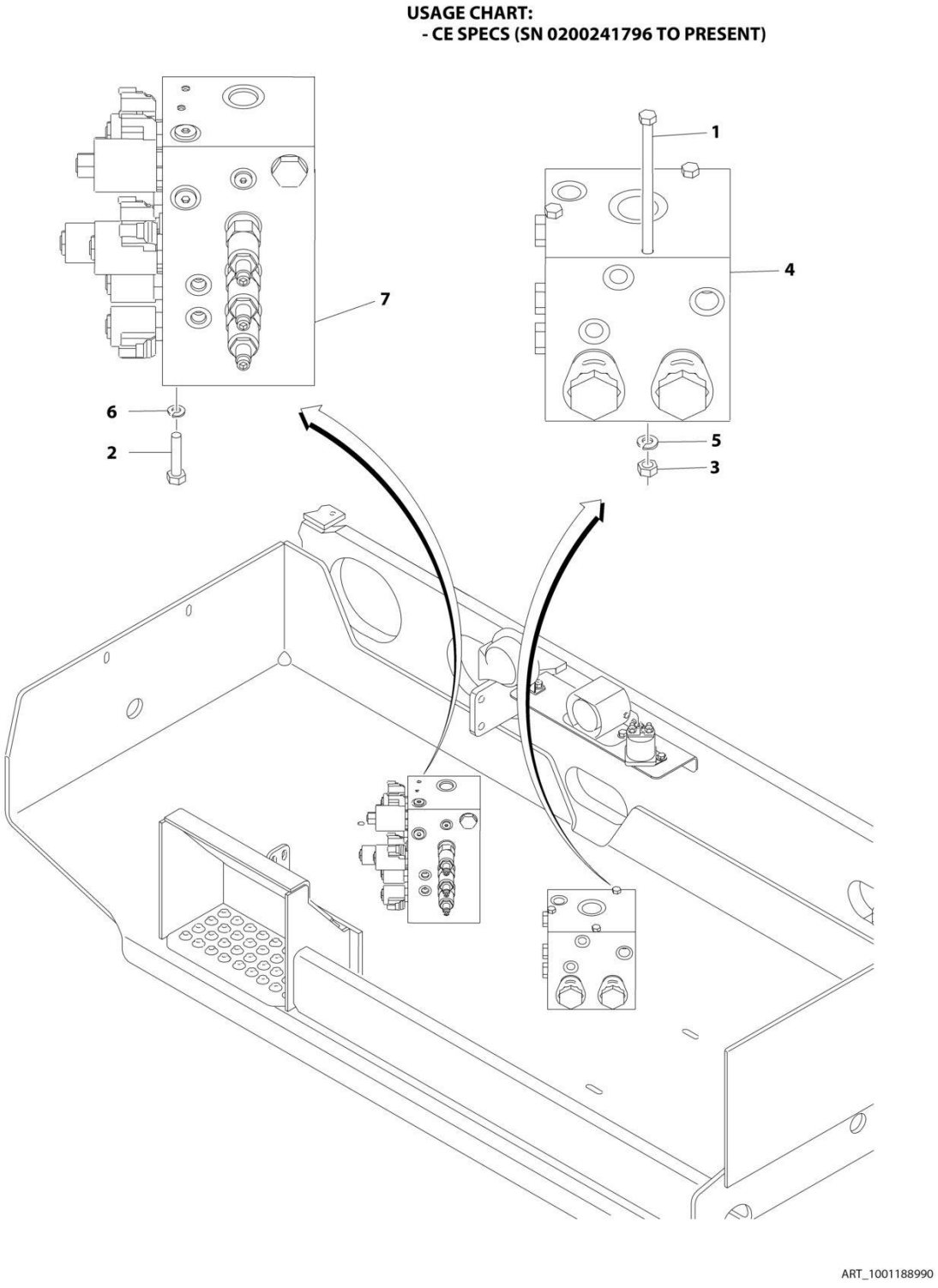


FIGURE 2-2. CONTROL VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001188990	Ref	CONTROL VALVE INSTALLATION	A
1	0641560	3	Bolt 5/16 x 7-1/2	
2	0641608	4	Bolt 3/8 x 1	
3	3311501	3	Nut 5/16	
4	4641303	1	Flow Divider Valve Assembly (See FLOW DIVIDER VALVE ASSEMBLY for Breakdown)	
5	4761500	3	Washer 5/16	
6	4761600	4	Washer 3/8	
7	1001186552	1	Main Valve Assembly (See MAIN CONTROL VALVE ASSEMBLY for Breakdown)	

FIGURE 2-3. FLOW DIVIDER VALVE ASSEMBLY

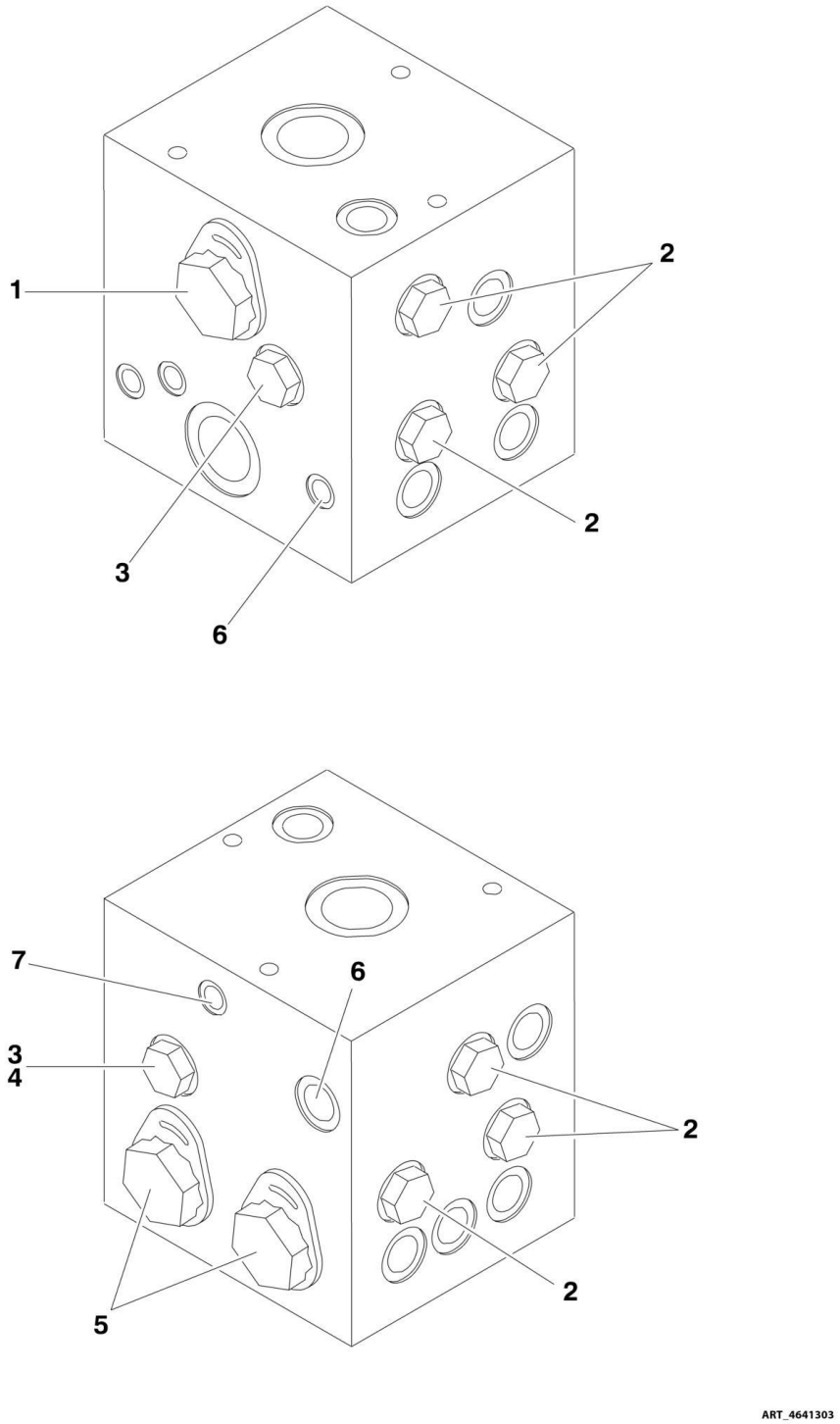


FIGURE 2-3. FLOW DIVIDER VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4641303	Ref	FLOW DIVIDER VALVE ASSEMBLY	C
1	7023933	1	Cartridge, Flow Divider	
1	7021625	1	Seal Kit - 7023933 Cartridge	
2	7022397	6	Cartridge, Check	
2	7022399	6	Seal Kit - 7022397 Cartridge	
3	7021639	2	Cartridge, Check Valves	
3	2900756	2	Seal Kit - 7022398 Cartridge	
4	7024881	1	Piston, Pilot	
5	7023917	2	Cartridge, Flow Divider	
5	7021625	2	Seal Kit - 7023917 Cartridge	
6	70003935	2	Orifice	
7	70003936	1	Orifice	

FIGURE 2-4. MAIN CONTROL VALVE ASSEMBLY

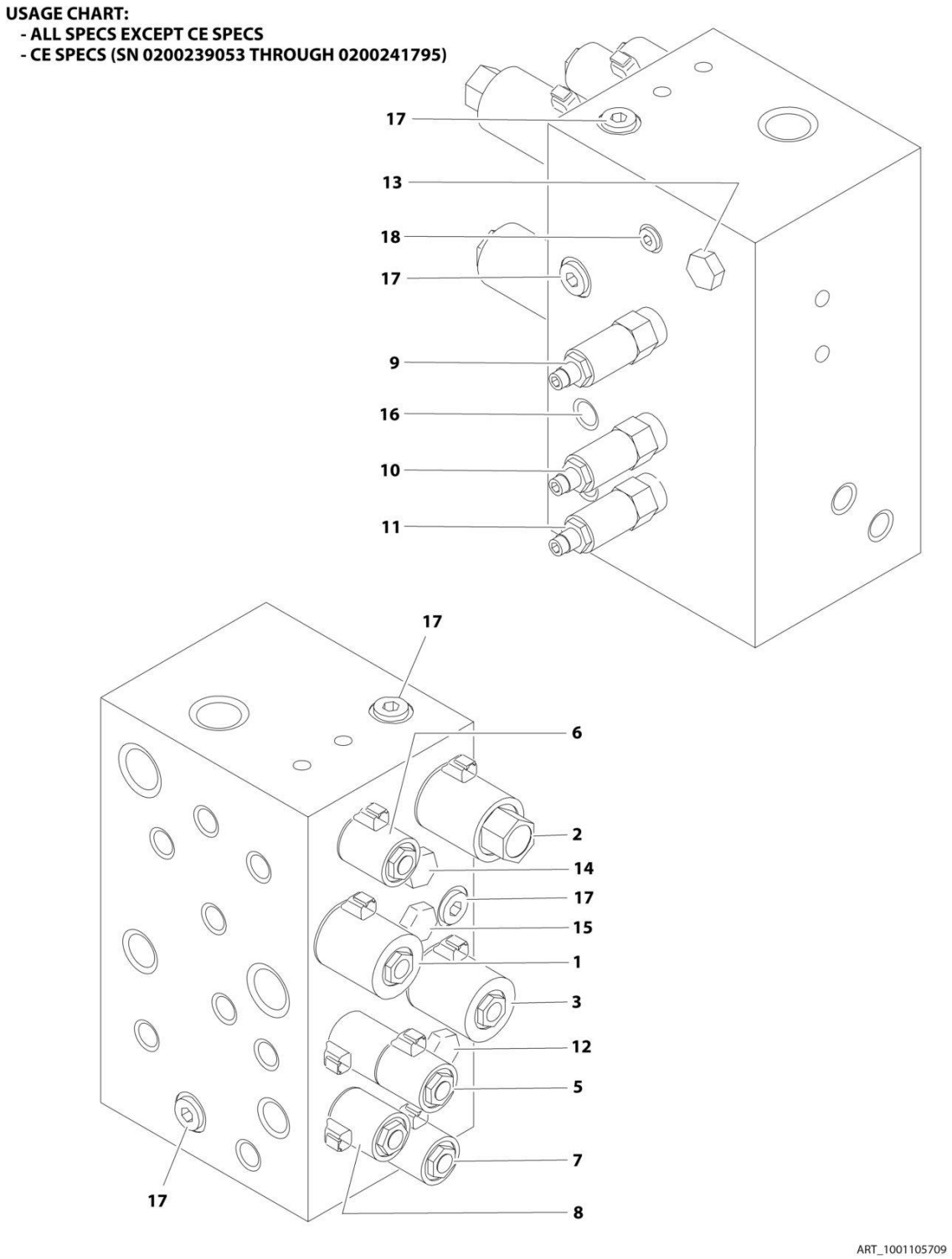


FIGURE 2-4. MAIN CONTROL VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001105709	Ref	MAIN CONTROL VALVE ASSEMBLY	A
1	7012920	1	Cartridge, Solenoid without Coil (Oscillating Axle #2)	
1	7010545	1	Seal Kit - 7012920 Cartridge	
1	70001967	1	Coil	
2	7012910	1	Cartridge, Solenoid without Coil (Dump)	
2	2900708	1	Seal Kit - 7012910 Cartridge	
2	70001967	1	Coil	
3	7010635	1	Cartridge, Solenoid without Coil (Lift Up)	
3	2900708	1	Seal Kit - 7010635 Cartridge	
3	70001967	1	Coil	
5	7017433	1	Cartridge, Solenoid without Coil (Steer)	
5	7017402	1	Seal Kit - 7017433 Cartridge	
5	70001977	2	Coil	
6	7023981	1	Cartridge, Solenoid without Coil (Oscillating Axle #1)	
6	7012905	1	Seal Kit - 7023981 Cartridge	
6	70001977	1	Coil	
7	7012941	1	Cartridge, Solenoid without Coil (2 Speed)	
7	7010543	1	Seal Kit - 7012941 Cartridge	
7	70001977	1	Coil	
8	7012941	1	Cartridge, Solenoid without Coil (Brake)	
8	7010543	1	Seal Kit - 7012941 Cartridge	
8	70001977	1	Coil	
9	70001978	1	Cartridge, Relief	
9	7017496	1	Seal Kit - 70001978 Cartridge	
10	70001979	1	Cartridge, Relief	
10	7017496	1	Seal Kit - 70001979 Cartridge	
11	7023912	1	Cartridge, Relief	
11	7012967	1	Seal Kit - 7023912 Cartridge	
12	7010542	1	Cartridge, Shuttle	
12	7010543	1	Seal Kit - 7010542 Cartridge	
13	4641192	1	Cartridge, Check	
13	7017496	1	Seal Kit - 4641192 Cartridge	
14	70001980	1	Cartridge, Check	
14	7012972	1	Seal Kit - 70001980 Cartridge	
15	70001980	1	Cartridge, Check	
15	7012972	1	Seal Kit - 70001980 Cartridge	
16	See Note	1	Orifice (Note: Not Available for Purchase)	
17	7024844	4	Plug #6	
18	7017406	1	Plug #4	

FIGURE 2-5. MAIN CONTROL VALVE ASSEMBLY

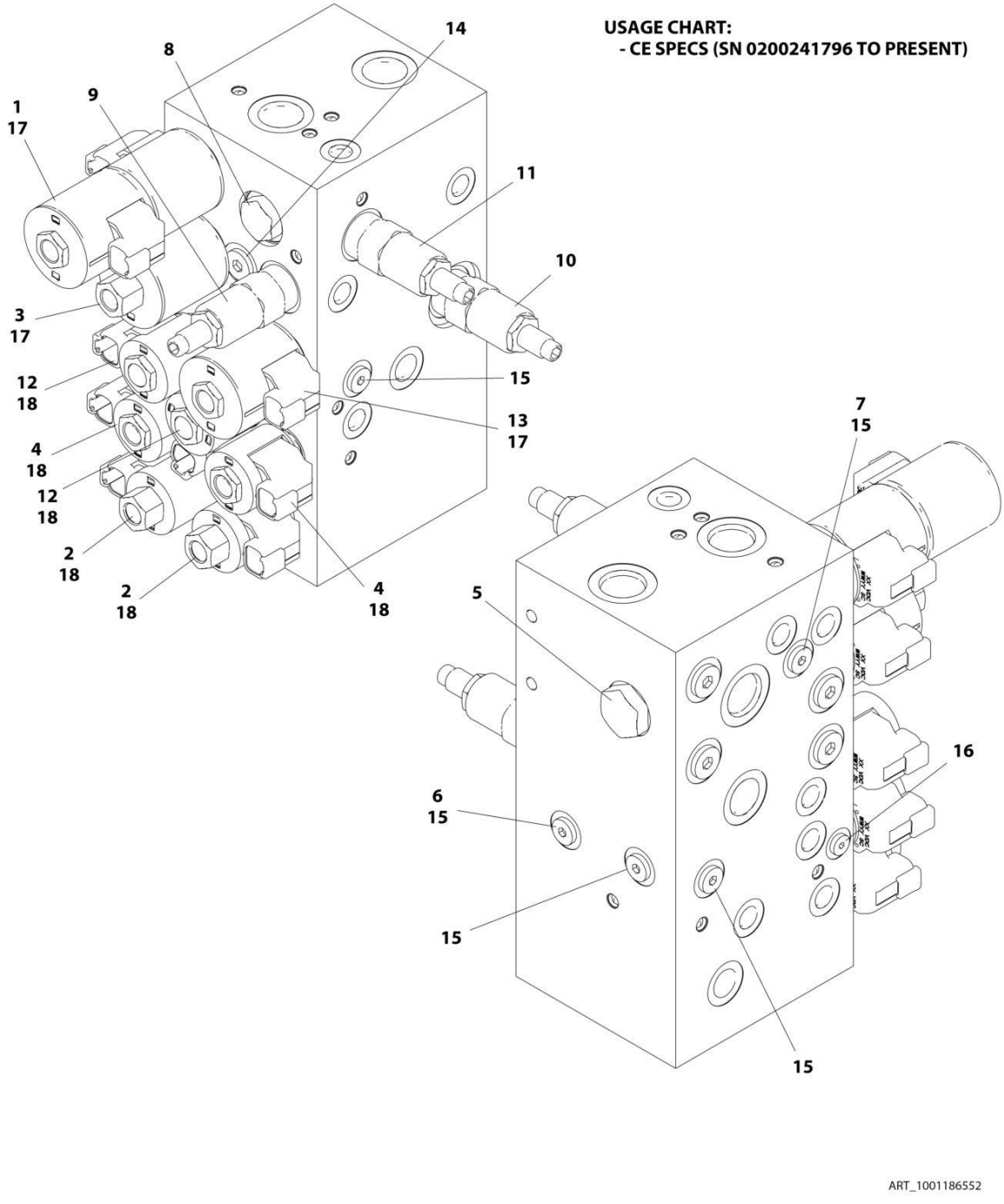


FIGURE 2-5. MAIN CONTROL VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001186552	Ref	MAIN CONTROL VALVE ASSEMBLY	B
1	70005161	1	Cartridge, Solenoid without Coil (Steer)	
1	70005073	1	Seal Kit - 70005161 Cartridge	
1	70003977	1	Nut, Coil	
1	70003024	1	Spacer	
2	70005162	2	Cartridge, Solenoid without Coil (Secondary Axle Release)	
2	7023936	2	Seal Kit - 70005162 Cartridge	
2	70003978	2	Nut, Coil	
3	70005069	1	Cartridge, Solenoid without Coil (Main Dump)	
3	7022399	1	Seal Kit - 70005069 Cartridge	
3	70003977	1	Nut, Coil	
4	70005163	2	Cartridge, Solenoid without Coil (Primary Axle Release)	
4	70005164	2	Seal Kit - 70005163 Cartridge	
4	7022390	2	Nut, Coil	
5	70005100	1	Cartridge, Check Valve	
5	7022399	1	Seal Kit - 70005100 Cartridge	
6	70004389	1	Orifice	
7	7017493	1	Orifice	
8	7022398	1	Cartridge, Load Shuttle	
8	7023900	1	Seal Kit - 7022398 Cartridge	
9	70005080	1	Cartridge, Relief	
9	7022399	1	Seal Kit - 70005080 Cartridge	
10	70005165	1	Cartridge, Relief	
10	7022399	1	Seal Kit - 70005165 Cartridge	
11	70005166	1	Cartridge, Relief	
11	7023936	1	Seal Kit - 70005166 Cartridge	
12	70005167	2	Cartridge, Solenoid Valve without Coil (2 Speed/Brake)	
12	7023900	2	Seal Kit - 7005167 Cartridge	
12	7022390	2	Nut, Coil	
13	70005168	1	Cartridge, Solenoid Valve without Coil (Lift Up)	
13	7022399	1	Seal Kit - 70005168 Cartridge	
13	7022390	1	Nut, Coil	
14	2220885	3	Plug #6	
15	2220883	7	Plug #4	
16	2220881	1	Plug #2	
17	70050516	4	Coil	
18	70002963	6	Coil	

FIGURE 2-6. POWERDECK AUXILIARY VALVE INSTALLATION (3394RT ALL SPECS EXCEPT CE SPEC) (SN 0200241796 to Present)

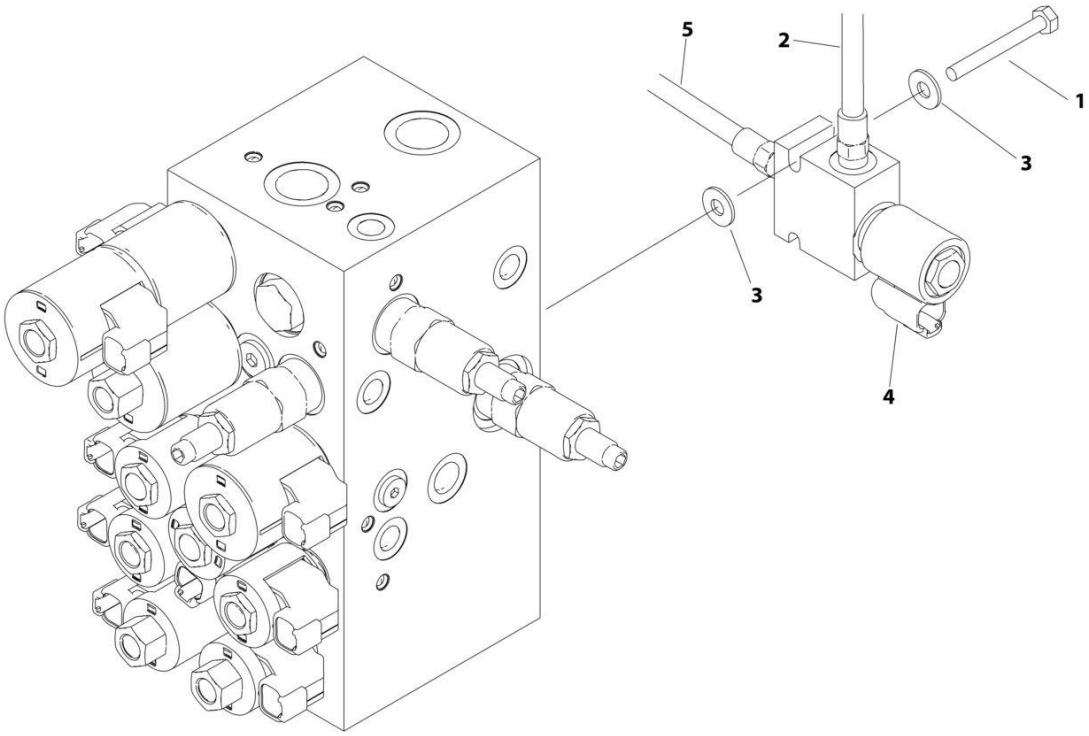


FIGURE 2-6. POWERDECK AUXILIARY VALVE INSTALLATION (3394RT ALL SPECS EXCEPT CE SPEC) (SN 0200241796 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: All other Powerdeck Components, located in PLATFORM SECTION.	
	1001103751	Ref	POWERDECK AUXILIARY VALVE INSTALLATION (3394RT ALL SPECS EXCEPT CE SPECS) **(SN 0200241796 to Present)**	A
1	0641412	2	Bolt 1/4 x 1-1/2	
2	2753867	1	Hose	
3	4711400	2	Washer 1/4	
4	1001103340	1	Auxiliary Powerdeck Valve Assembly	
4	7017467	1	Cartridge, Solenoid without Coil	
4	7012967	1	Seal Kit - 7017467 Valve	
4	70001977	1	Coil	
5	1001105320	1	Hose	

FIGURE 2-7. POWERDECK AUXILIARY VALVE INSTALLATION (3394RT CE SPEC) (SN 0200241796 to Present)

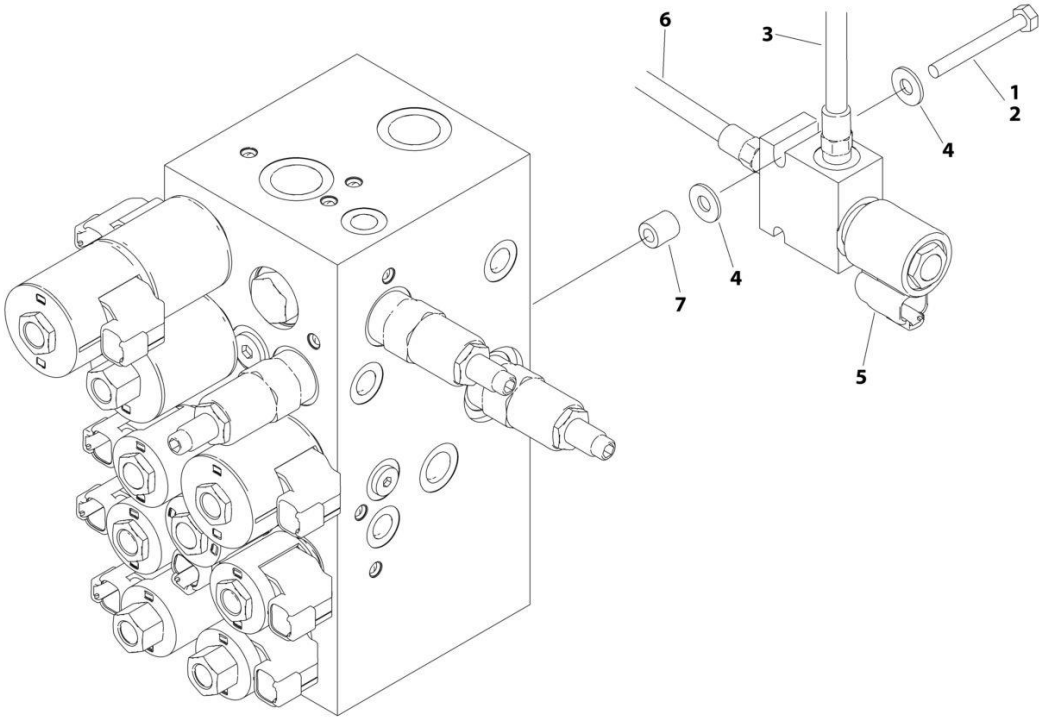
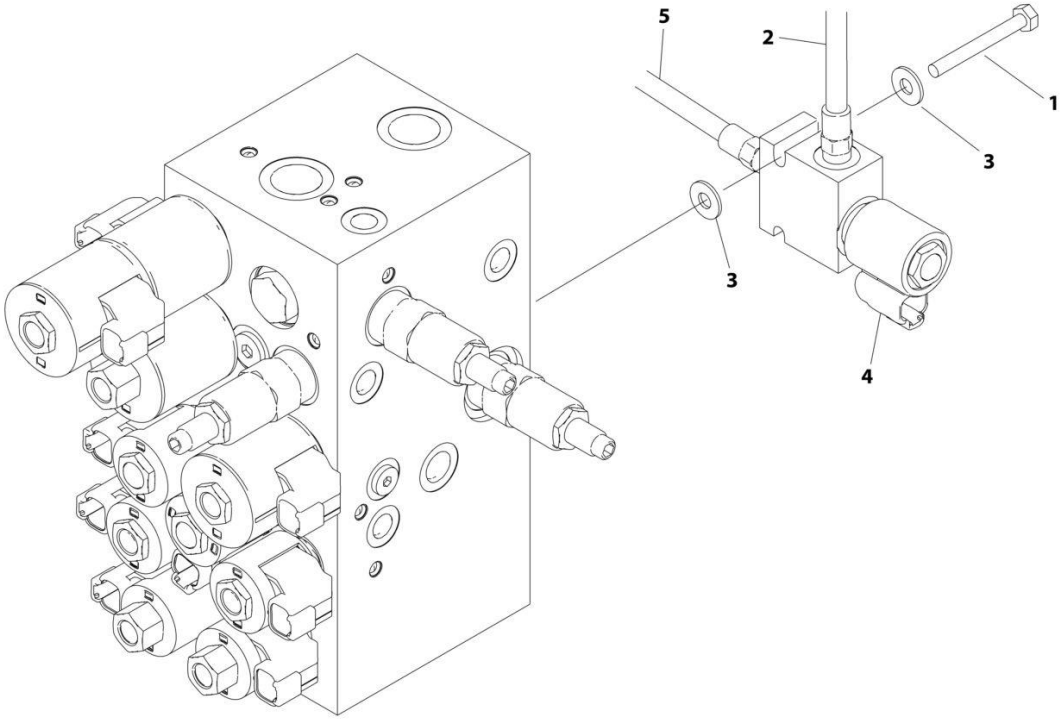


FIGURE 2-7. POWERDECK AUXILIARY VALVE INSTALLATION (3394RT CE SPEC) (SN 0200241796 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: All other Powerdeck Components, located in PLATFORM SECTION.	
	1001192245	Ref	POWERDECK AUXILIARY VALVE INSTALLATION (3394RT CE SPEC) **(SN 0200241796 to Present)**	A
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 1-1/2	
3	2753867	1	Hose	
4	4751400	2	Washer 1/4	
5	1001103340	1	Auxiliary Powerdeck Valve Assembly	
5	7017467	1	Cartridge, Solenoid without Coil	
5	7012967	1	Seal Kit - 7017467 Valve	
5	70001977	1	Coil	
6	1001105320	1	Hose	
7	1001119141	2	Spacer	

FIGURE 2-8. POWERDECK AUXILIARY VALVE INSTALLATION (4394RT ALL SPECS EXCEPT CE SPEC) (SN 0200241796 to Present)



ART_1001103752

FIGURE 2-8. POWERDECK AUXILIARY VALVE INSTALLATION (4394RT ALL SPECS EXCEPT CE SPEC) (SN 0200241796 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: All other Powerdeck Components, located in PLATFORM SECTION.	
	1001103752	Ref	POWERDECK AUXILIARY VALVE INSTALLATION (4394RT ALL SPECS EXCEPT CE SPEC) **(SN 0200241796 to Present)**	A
1	0641412	2	Bolt 1/4 x 1-1/2	
2	2753868	1	Hose	
3	4711400	2	Washer 1/4	
4	1001103340	1	Auxiliary Powerdeck Valve Assembly	
4	7017467	1	Cartridge, Solenoid without Coil	
4	7012967	1	Seal Kit - 7017467 Valve	
4	70001977	1	Coil	
5	1001105328	1	Hose	

FIGURE 2-9. POWERDECK AUXILIARY VALVE INSTALLATION (4394RT CE SPEC) (SN 0200241796 to Present)

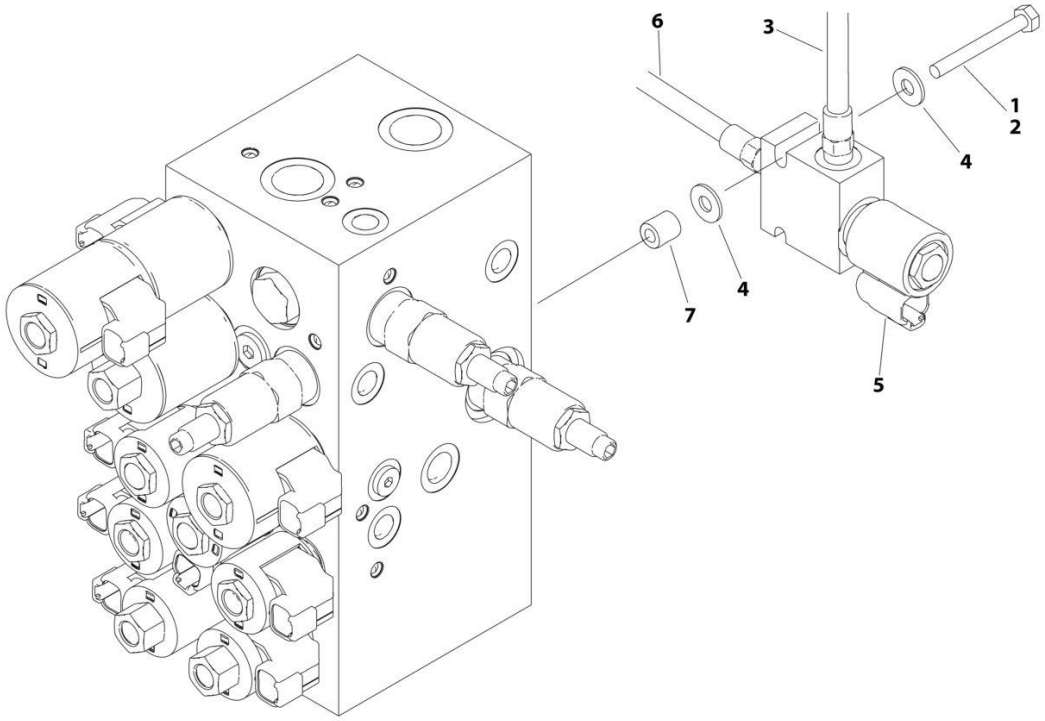


FIGURE 2-9. POWERDECK AUXILIARY VALVE INSTALLATION (4394RT CE SPEC) (SN 0200241796 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: All other Powerdeck Components, located in PLATFORM SECTION.	
	1001192246	Ref	POWERDECK AUXILIARY VALVE INSTALLATION (4394RT CE SPEC) **(SN 0200241796 to Present)**	A
1	0100011	AR	Compound, Locking	
2	0641418	2	Bolt 1/4 x 1-1/2	
3	2753868	1	Hose	
4	4751400	2	Washer 1/4	
5	1001103340	1	Auxiliary Powerdeck Valve Assembly	
5	7017467	1	Cartridge, Solenoid without Coil	
5	7012967	1	Seal Kit - 7017467 Valve	
5	70001977	1	Coil	
6	1001105328	1	Hose	
7	1001119141	2	Spacer	

FIGURE 2-10. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITHOUT POWER OPTIONS MODULE)

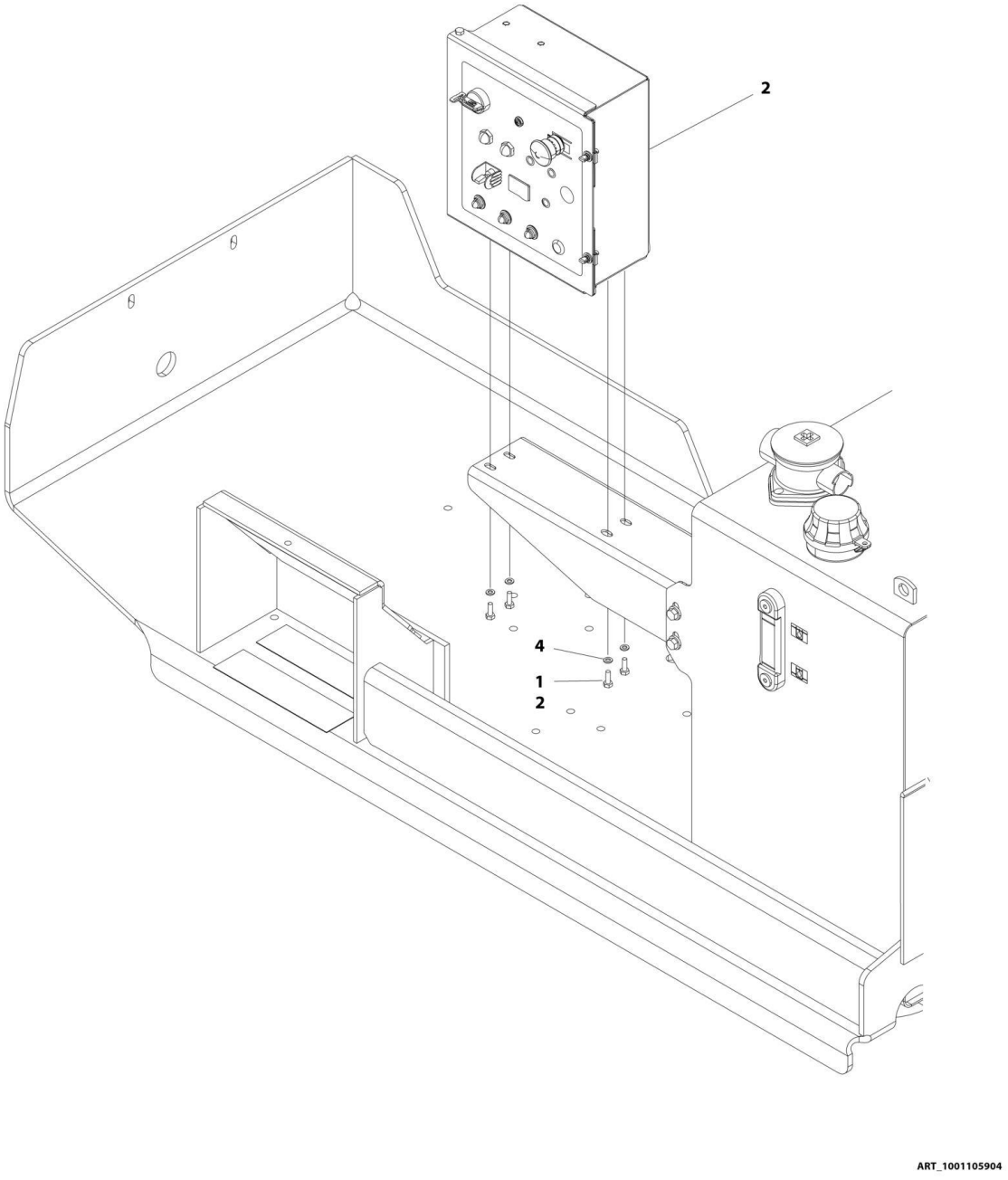


FIGURE 2-10. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITHOUT POWER OPTIONS MODULE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105904	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITHOUT POWER OPTIONS MODULE)	D
1	0100011	AR	Compound, Locking	
2	0271813	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	4761400	4	Washer 1/4	
5	1001103489	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-11. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERTURE CUTOUT)

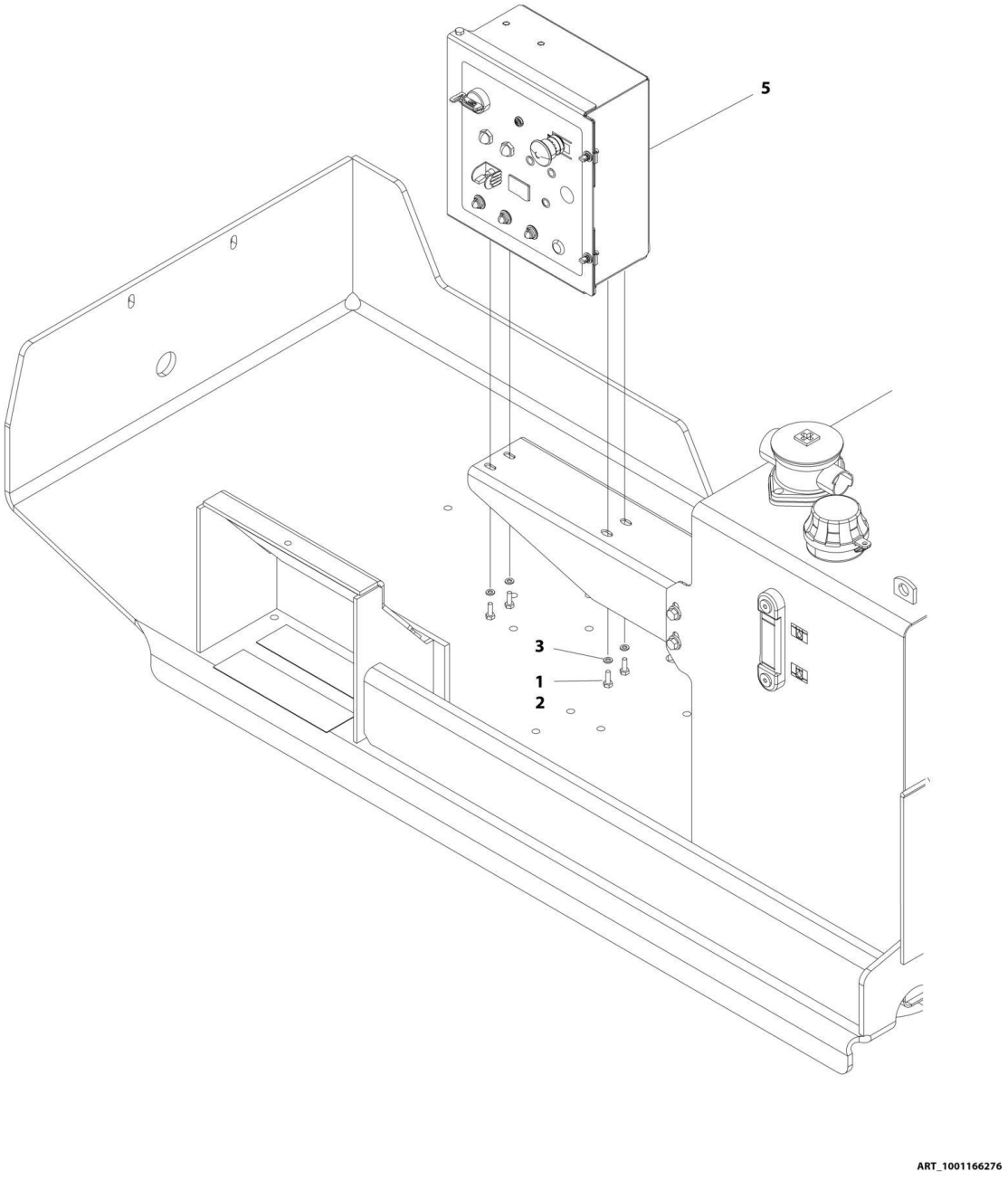


FIGURE 2-11. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERTURE CUTOUT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166276	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERTURE CUTOUT)	C
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	4761400	4	Washer 1/4	
4	1001103489	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
5	1001164393	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY - WITH LOW TEMPERATURE CUTOUT for Breakdown)	

FIGURE 2-12. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITH POWER OPTIONS MODULE) (SN 0200239053 through 0200241795)

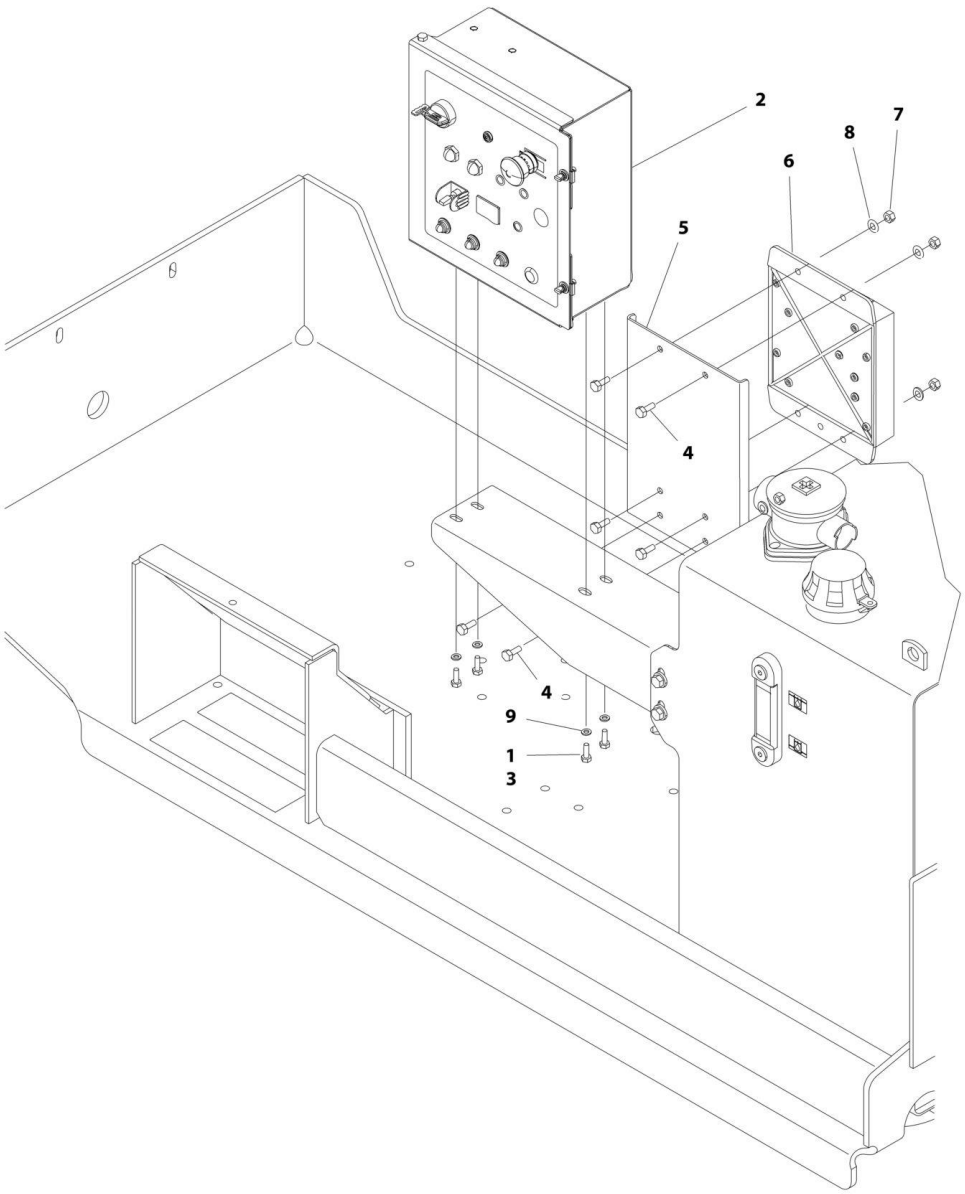


FIGURE 2-12. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITH POWER OPTIONS MODULE) (SN 0200239053 through 0200241795)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168946	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITH POWER OPTIONS MODULE) **(SN 0200239053 through 0200241795)**	G
1	0100011	AR	Compound, Locking	
2	0271813	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641506	6	Bolt 5/16 x 3/4	
5	0902847	1	Bracket	
6		Ref	Module, Power Options:	
6		Ref	Note: Re-calibration Required when Replaced.	
6	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200239053 through 0200241191)**	
6	1001182481	1	Module **(SN 0200241192 through 0200241795)**	
7	3311505	6	Nut 5/16	
8	4711500	6	Washer 5/16	
9	4761400	4	Washer 1/4	
10	1001147974	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-13. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITH POWER OPTIONS MODULE) (SN 0200241796 to Present)

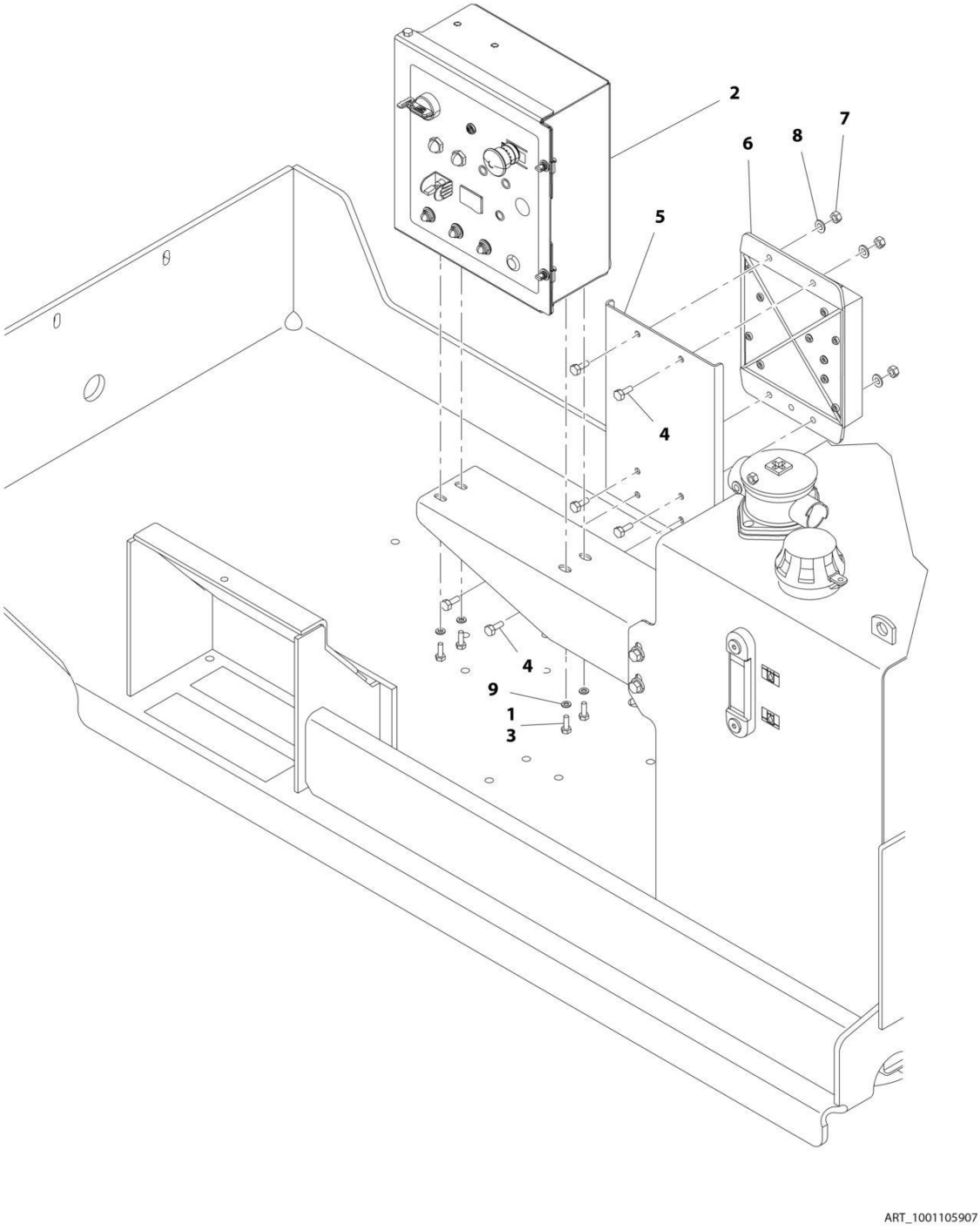


FIGURE 2-13. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITH POWER OPTIONS MODULE) (SN 0200241796 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105907	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT & AUSTRALIAN SPECS WITH POWER OPTIONS MODULE) **(SN 0200241796 to Present)**	B
1	0100011	AR	Compound, Locking	
2	0271813	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641506	6	Bolt 5/16 x 3/4	
5	0902847	1	Bracket	
6		Ref	Module, Power Options:	
6		Ref	Note: Re-calibration Required when Replaced.	
6	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200241796 through 0200251330)**	
6	1001182481	1	Module **(SN 0200251331 to Present)**	
7	3311505	6	Nut 5/16	
8	4711500	6	Washer 5/16	
9	4761400	4	Washer 1/4	
10	1001103489	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-14. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

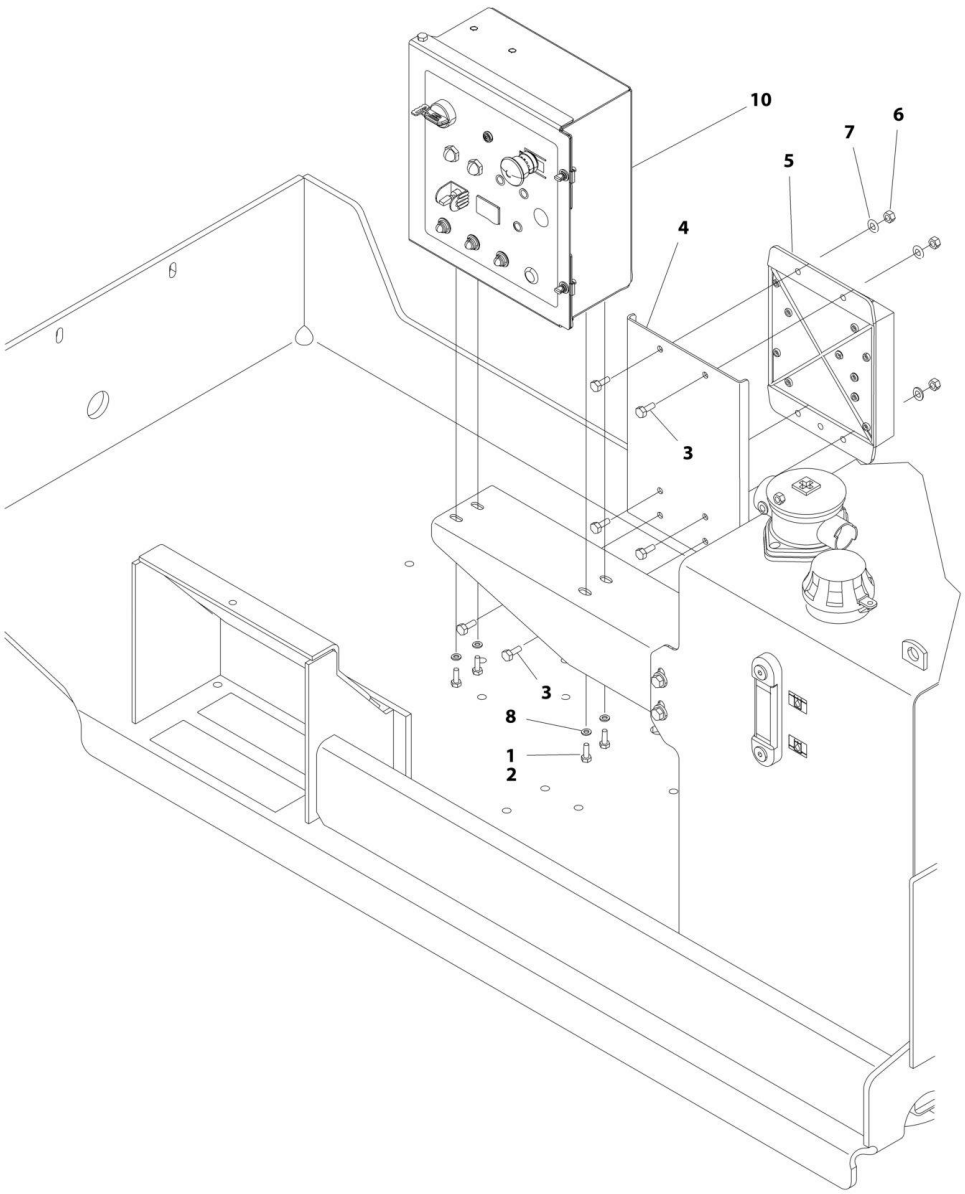


FIGURE 2-14. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166277	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (ANSI EXPORT SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)	E
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	0641506	6	Bolt 5/16 x 3/4	
4	0902847	1	Bracket	
5		Ref	Module, Power Options:	
5		Ref	Note: Re-calibration Required when Replaced.	
5	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200239053 through 0200241191)**	
5	1001182481	1	Module **(SN 0200241192 to Present)**	
6	3311505	6	Nut 5/16	
7	4711500	6	Washer 5/16	
8	4761400	4	Washer 1/4	
9		Ref	Valve and Engine Harness Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	
9	1001147974	1	Harness **(SN 0200239053 through 0200246032)**	
9	1001103489	1	Harness **(SN 0200246033 to Present)**	
10	1001164393	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY - WITH LOW TEMPERATURE CUTOUT for Breakdown)	

FIGURE 2-15. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE) (SN 0200239053 through 0200241795)

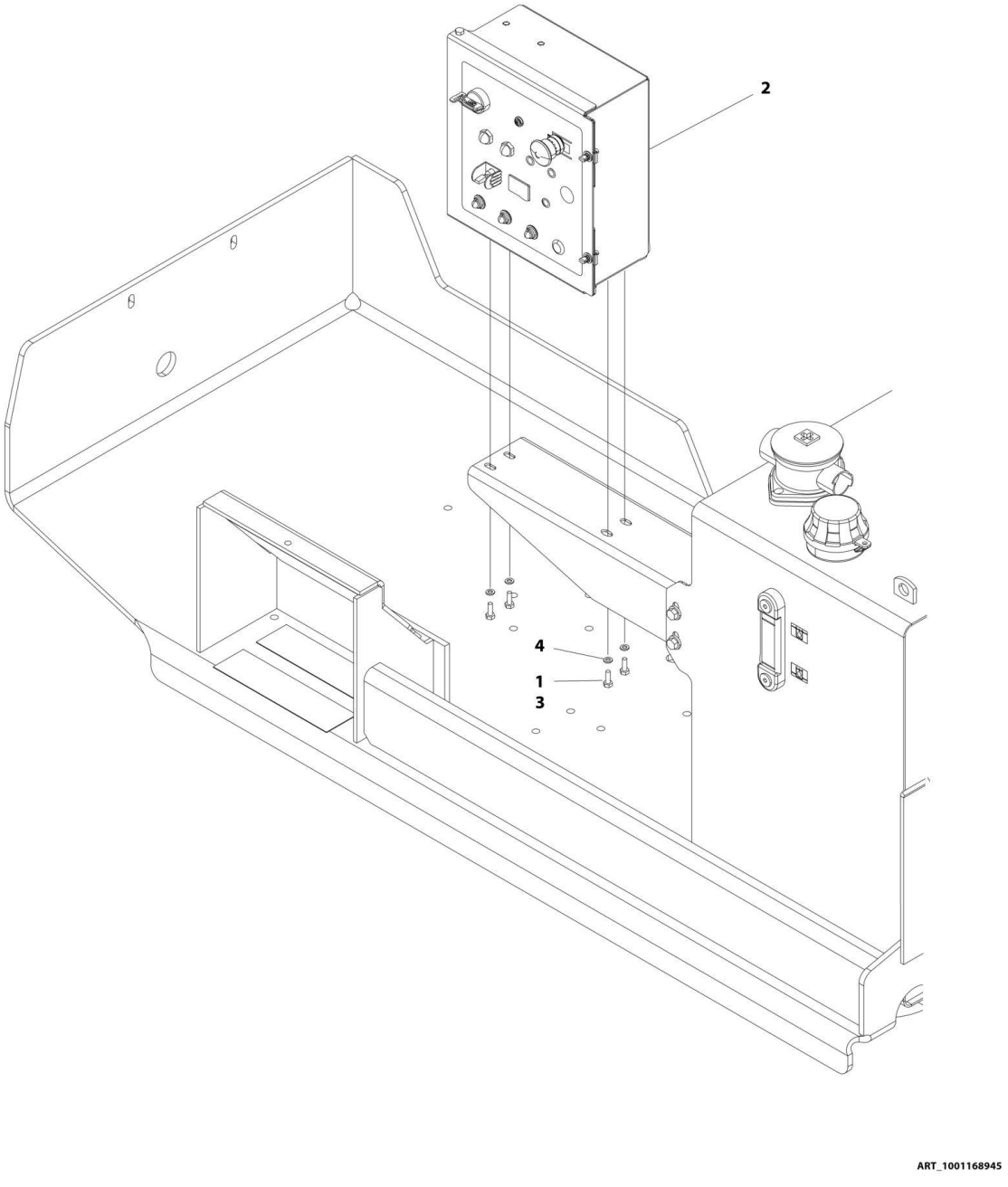


FIGURE 2-15. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE) (SN 0200239053 through 0200241795)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168945	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE) **(SN 0200239053 through 0200241795)**	F
1	0100011	AR	Compound, Locking	
2	0271814	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	4761400	4	Washer 1/4	
5	1001147974	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-16. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE) (SN 0200241796 to Present)

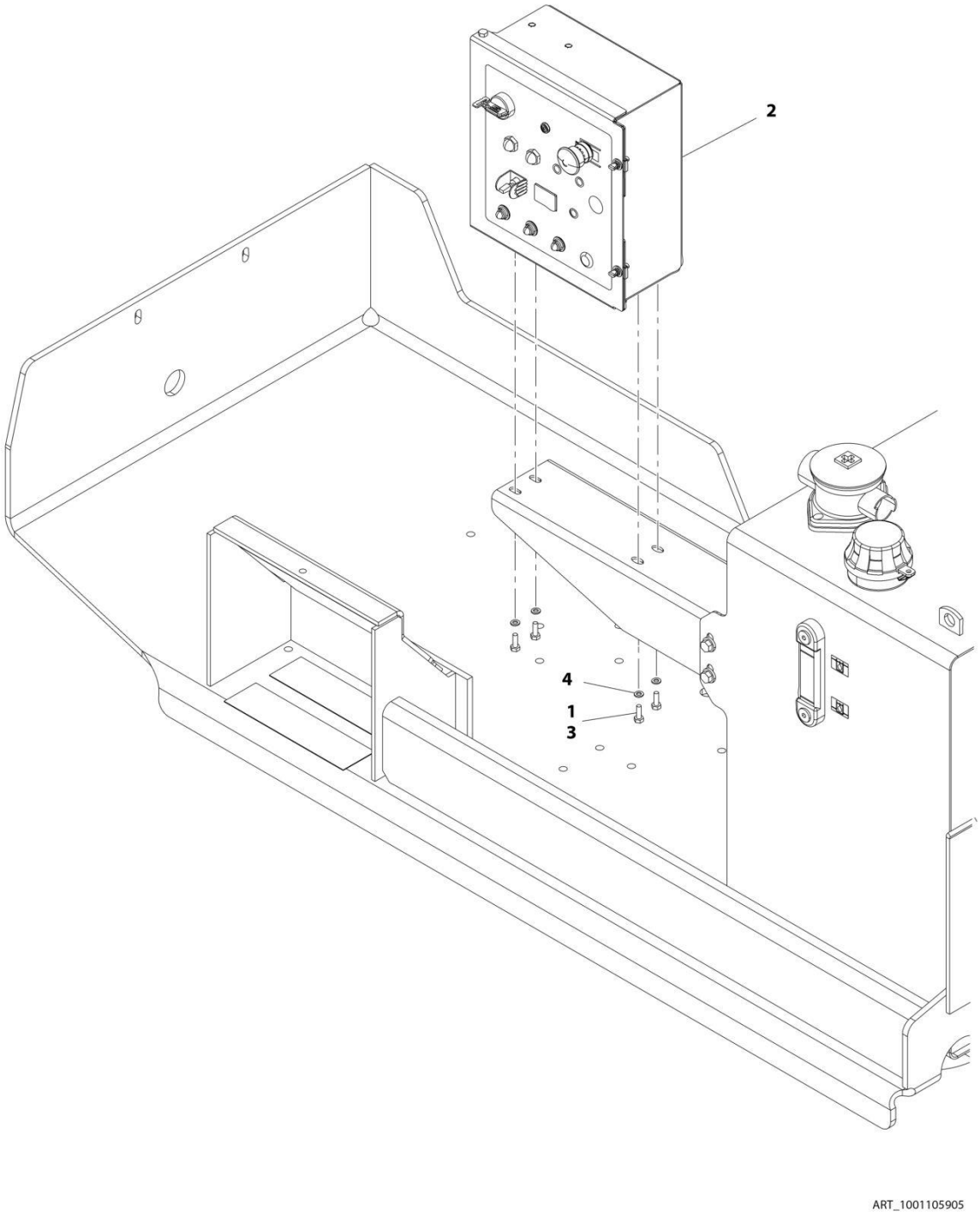


FIGURE 2-16. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE) (SN 0200241796 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105905	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE) **(SN 0200241796 to Present)**	C
1	0100011	AR	Compound, Locking	
2	0271814	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	4761400	4	Washer 1/4	
5	1001103489	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-17. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

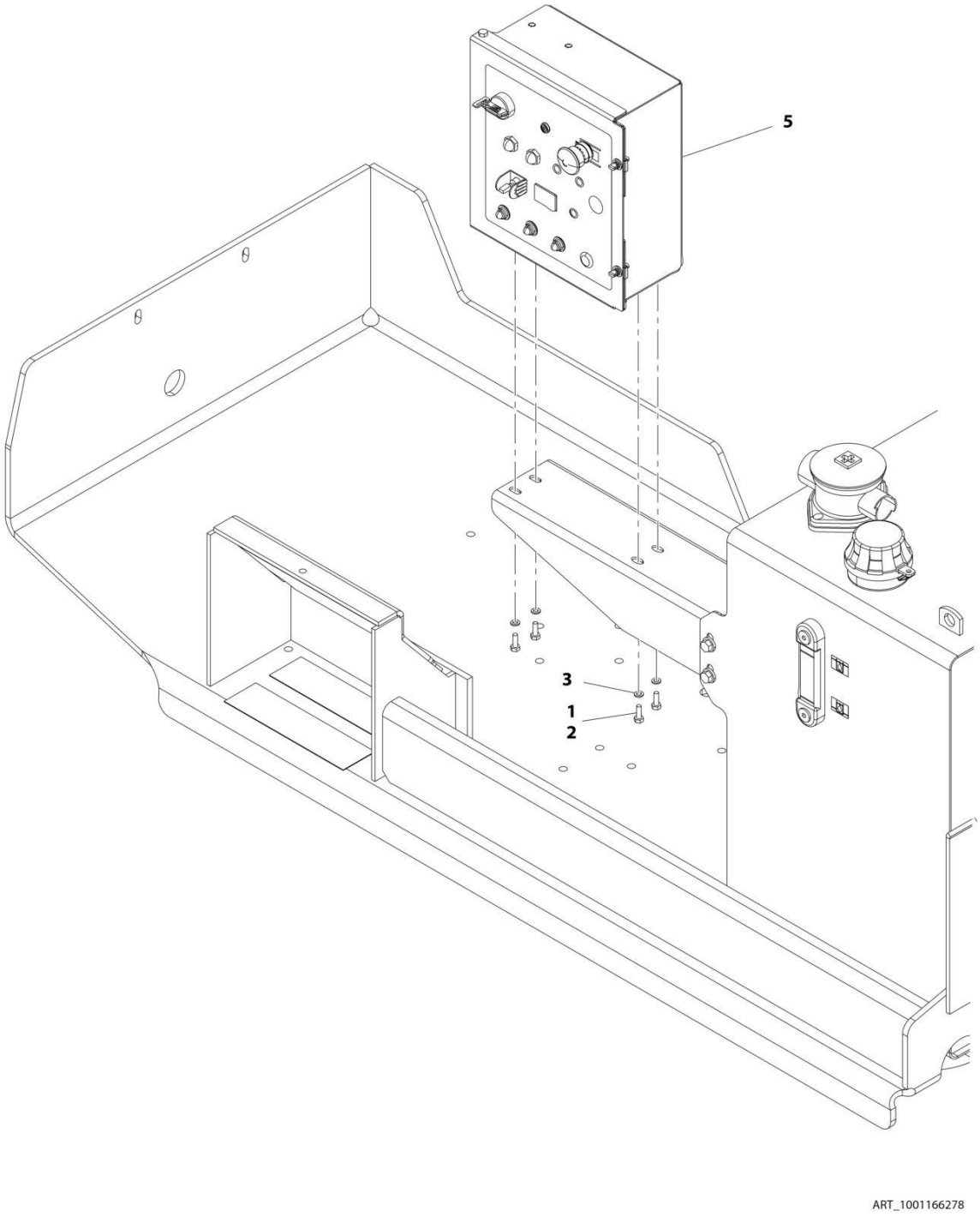


FIGURE 2-17. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166278	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)	B
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	4761400	4	Washer 1/4	
4		Ref	Valve and Engine Harness Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	
4	1001147974	1	Harness **(SN 0200239053 through 0200246032)**	
4	1001103489	1	Harness **(SN 0200246033 to Present)**	
5	1001164207	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	

FIGURE 2-18. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE) (SN 0200239053 through 0200241795)

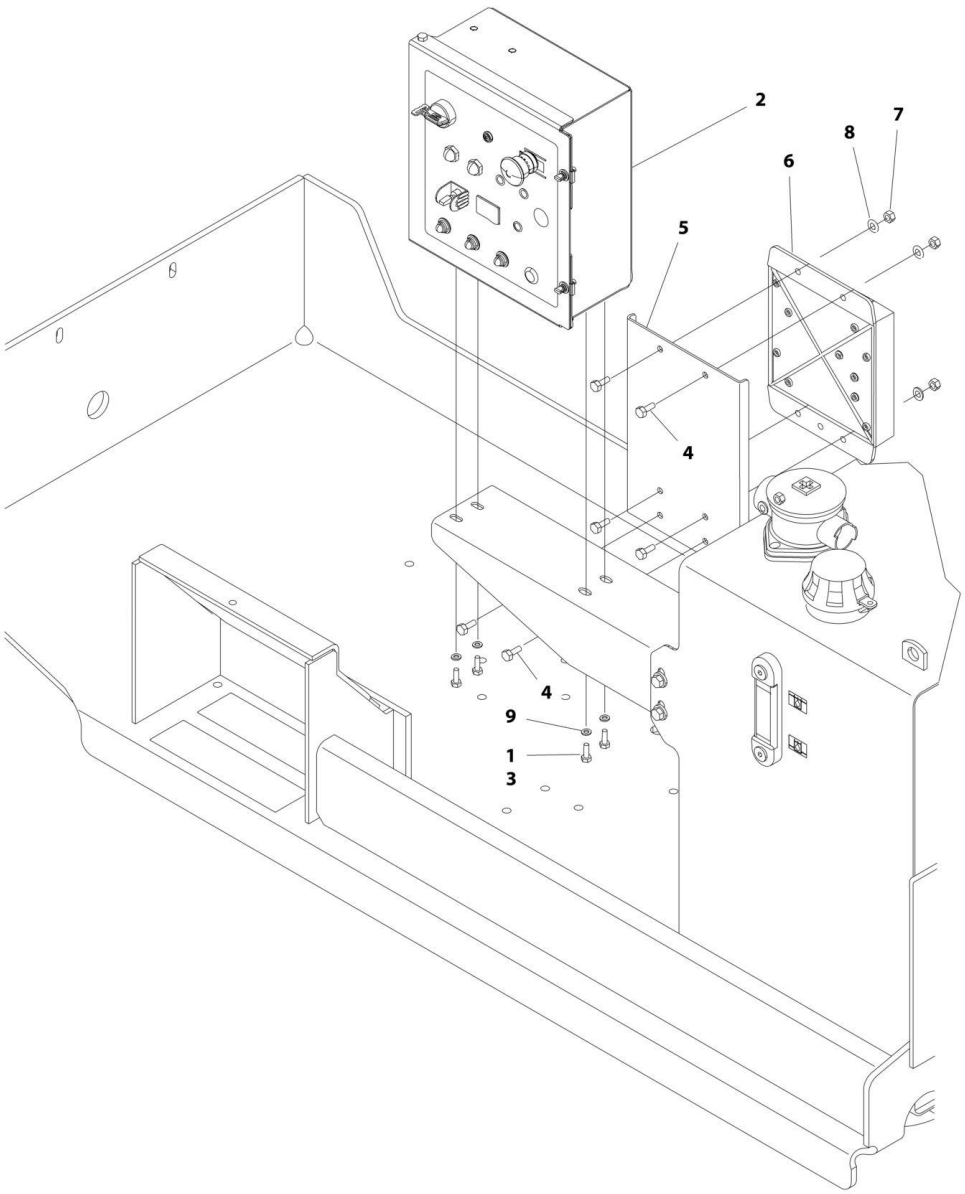


FIGURE 2-18. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE) (SN 0200239053 through 0200241795)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001168947	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE) **(SN 0200239053 through 0200241795)**	G
1	0100011	AR	Compound, Locking	
2	0271814	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641506	6	Bolt 5/16 x 3/4	
5	0902847	1	Bracket	
6		Ref	Module, Power Options:	
6		Ref	Note: Re-calibration Required when Replaced.	
6	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200239053 through 0200241191)**	
6	1001182481	1	Module **(SN 0200241192 through 0200241795)**	
7	3311505	6	Nut 5/16	
8	4711500	6	Washer 5/16	
9	4761400	4	Washer 1/4	
10	1001147974	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-19. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE) (SN 0200241796 to Present)

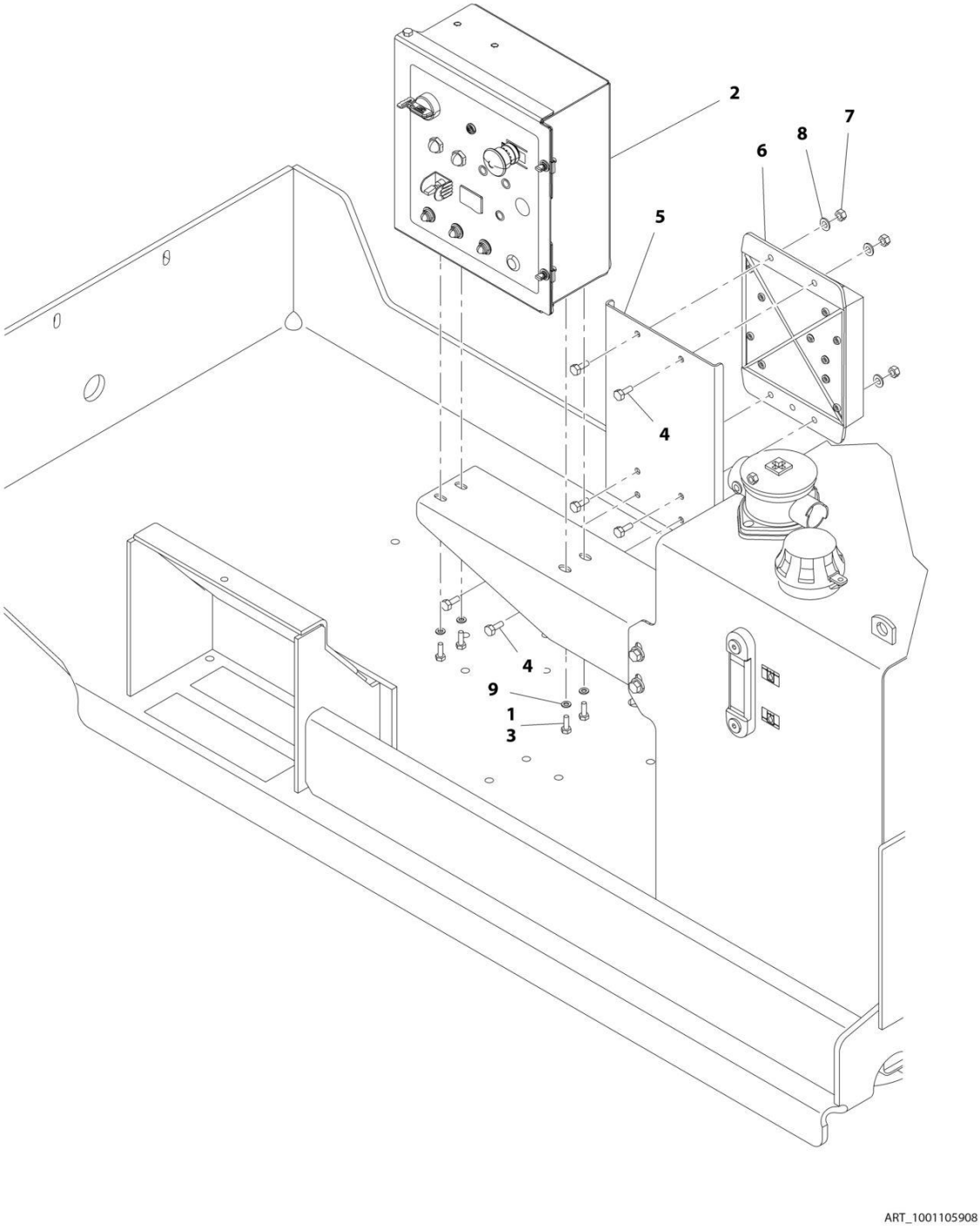


FIGURE 2-19. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE) (SN 0200241796 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105908	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE) **(SN 0200241796 to Present)**	C
1	0100011	AR	Compound, Locking	
2	0271814	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641506	6	Bolt 5/16 x 3/4	
5	0902847	1	Bracket	
6		Ref	Module, Power Options:	
6		Ref	Note: Re-calibration Required when Replaced.	
6	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200241796 through 0200251330)**	
6	1001182481	1	Module **(SN 0200251331 to Present)**	
7	3311505	6	Nut 5/16	
8	4711500	6	Washer 5/16	
9	4761400	4	Washer 1/4	
10	1001103489	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-20. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

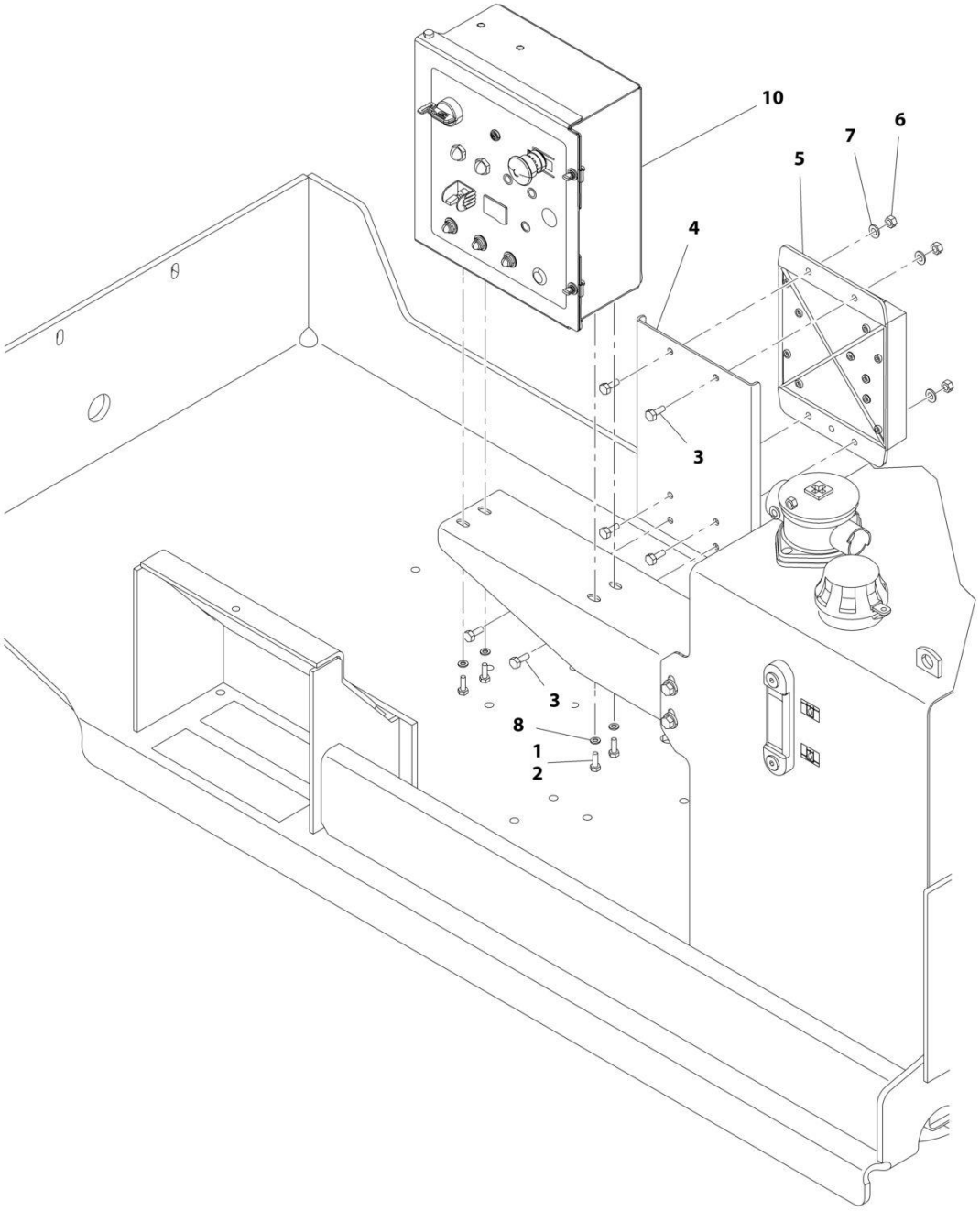


FIGURE 2-20. GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166279	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2011 ENGINE (CE SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)	C
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	0641506	6	Bolt 5/16 x 3/4	
4	0902847	1	Bracket	
5		Ref	Module, Power Options:	
5		Ref	Note: Re-calibration Required when Replaced.	
5	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200239053 through 0200241191)**	
5	1001182481	1	Module **(SN 0200241192 to Present)**	
6	3311505	6	Nut 5/16	
7	4711500	6	Washer 5/16	
8	4761400	4	Washer 1/4	
9		Ref	Valve and Engine Harness Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	
9	1001147974	1	Harness **(SN 0200239053 through 0200246032)**	
9	1001103489	1	Harness **(SN 0200246033 to Present)**	
10	1001164207	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	

FIGURE 2-21. GROUND CONTROL BOX INSTALLATION - DEUTZ D2.9L4 ENGINE (ANSI, ANSI EXPORT & CSA SPECS WITHOUT POWER OPTIONS MODULE)

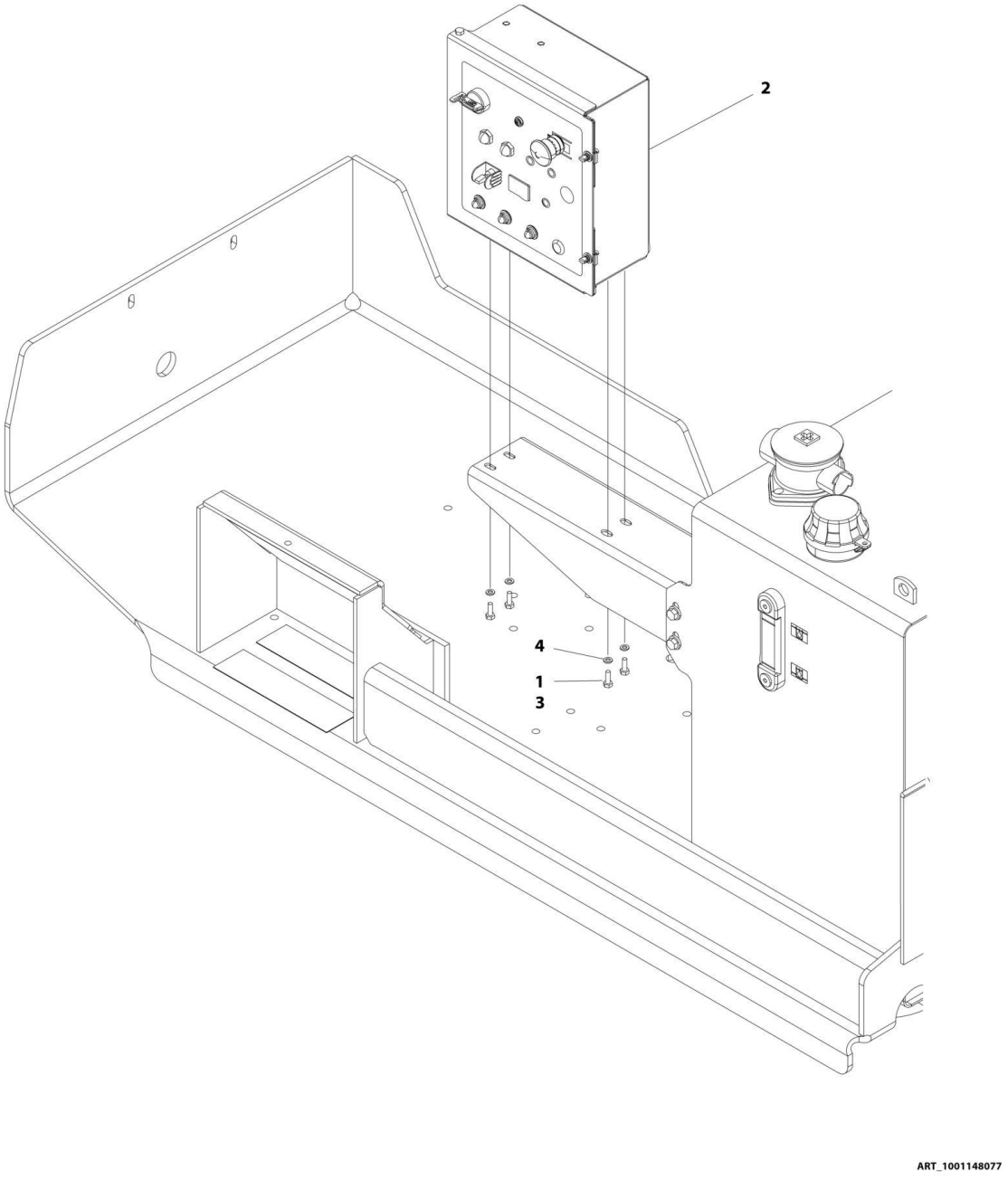


FIGURE 2-21. GROUND CONTROL BOX INSTALLATION - DEUTZ D2.9L4 ENGINE (ANSI, ANSI EXPORT & CSA SPECS WITHOUT POWER OPTIONS MODULE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148077	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2.9L4 ENGINE (ANSI, ANSI EXPORT & CSA SPECS WITHOUT POWER OPTIONS MODULE)	E
1	0100011	AR	Compound, Locking	
2	0271813	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	4761400	4	Washer 1/4	
5	1001147974	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-22. GROUND CONTROL BOX INSTALLATION - DEUTZ D2.9L4 ENGINE (ANSI & CSA SPECS WITH POWER OPTIONS MODULE)

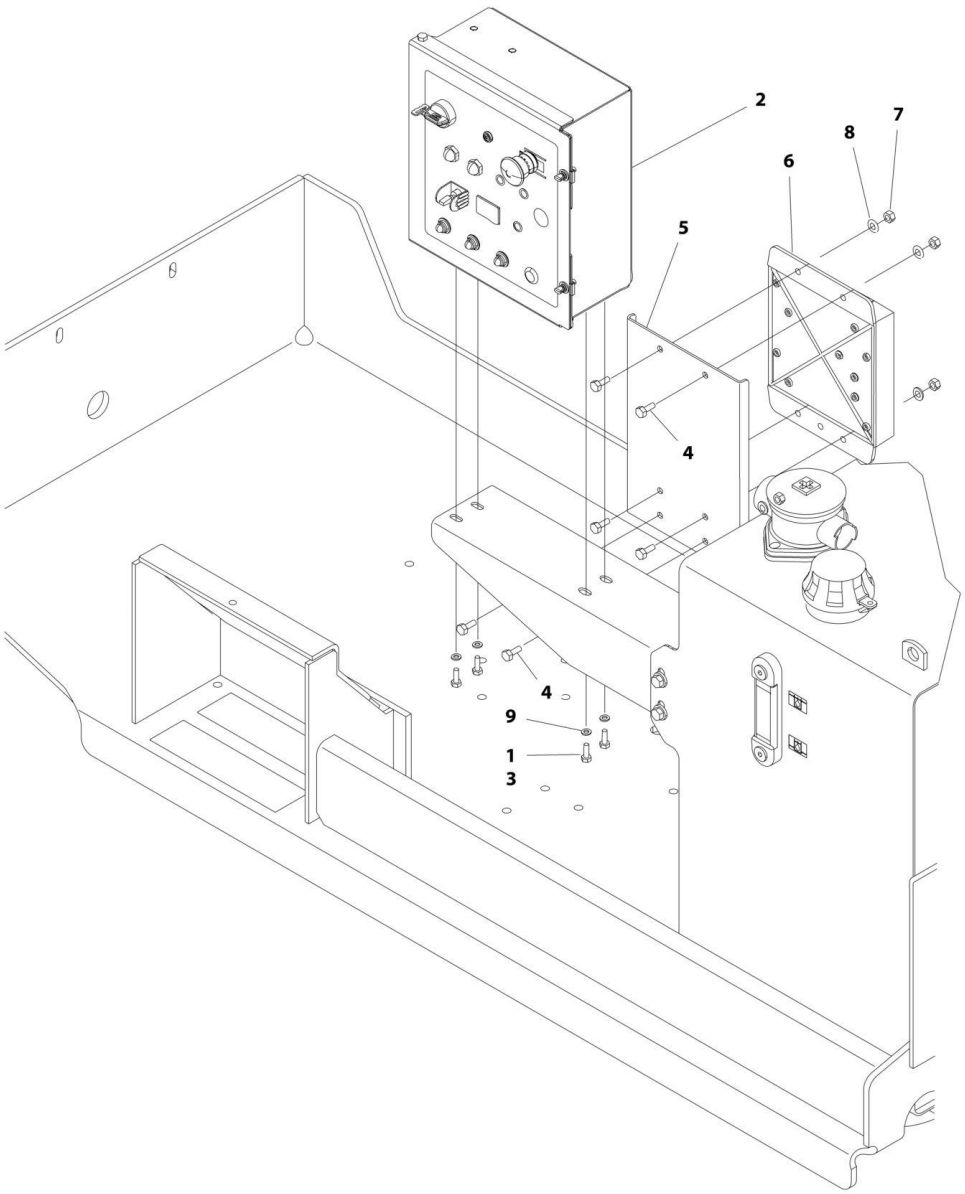


FIGURE 2-22. GROUND CONTROL BOX INSTALLATION - DEUTZ D2.9L4 ENGINE (ANSI & CSA SPECS WITH POWER OPTIONS MODULE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001156037	Ref	GROUND CONTROL BOX INSTALLATION - DEUTZ D2.9L4 ENGINE (ANSI & CSA SPECS WITH POWER OPTIONS MODULE)	E
1	0100011	AR	Compound, Locking	
2	0271813	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641506	6	Bolt 5/16 x 3/4	
5	0902847	1	Bracket	
6		Ref	Module, Power Options:	
6		Ref	Note: Re-calibration Required when Replaced.	
6	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200239053 through 0200241191)**	
6	1001182481	1	Module **(SN 0200241192 to Present)**	
7	3311505	6	Nut 5/16	
8	4711500	6	Washer 5/16	
9	4761400	4	Washer 1/4	
10	1001147974	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-23. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI, ANSI EXPORT & CSA WITHOUT POWER OPTIONS MODULE)

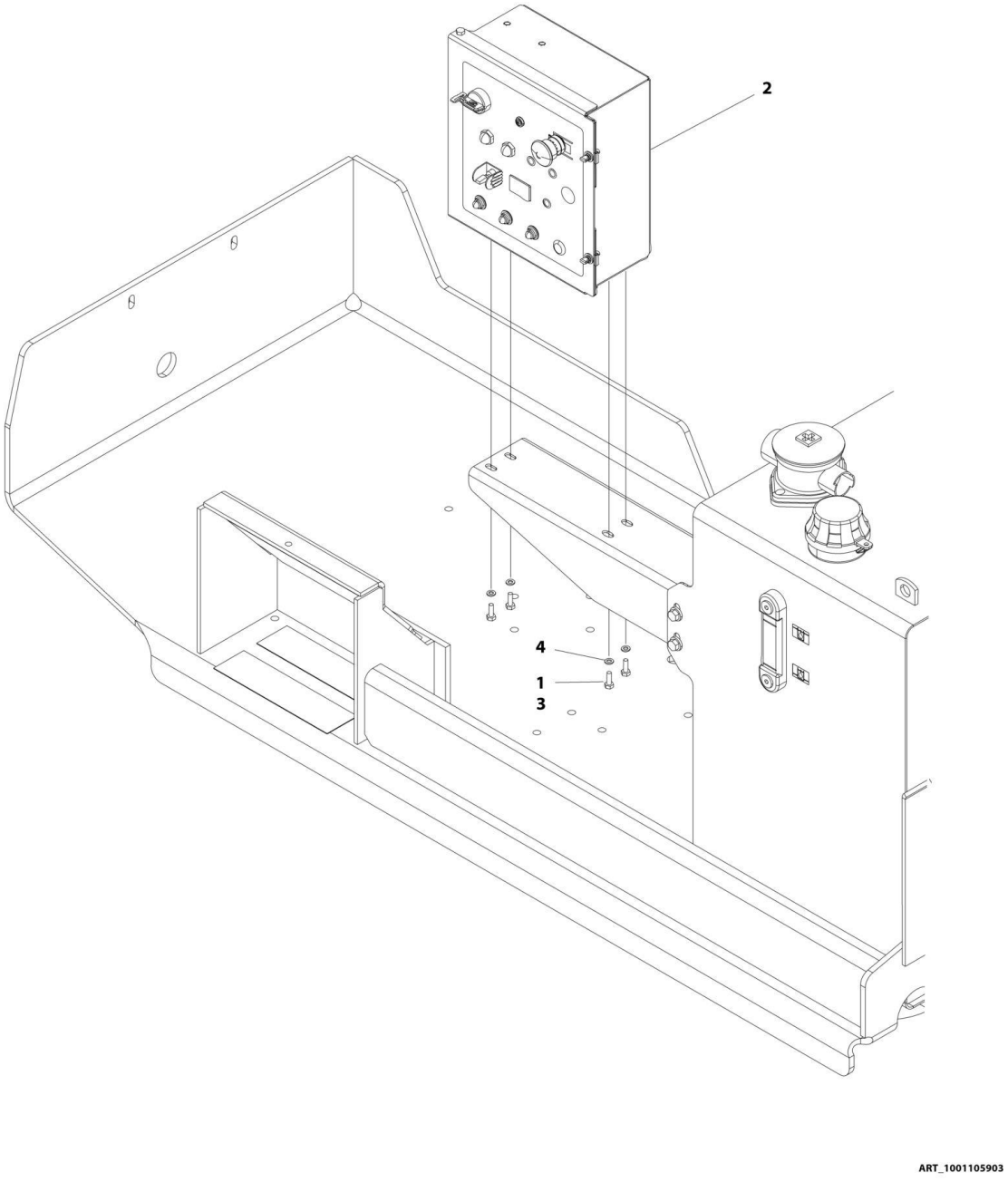


FIGURE 2-23. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI, ANSI EXPORT & CSA WITHOUT POWER OPTIONS MODULE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105903	Ref	GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI, ANSI EXPORT & CSA WITHOUT POWER OPTIONS MODULE)	C
1	0100011	AR	Compound, Locking	
2	0271812	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	4761400	4	Washer 1/4	
5	1001104890	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-24. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI & CSA SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

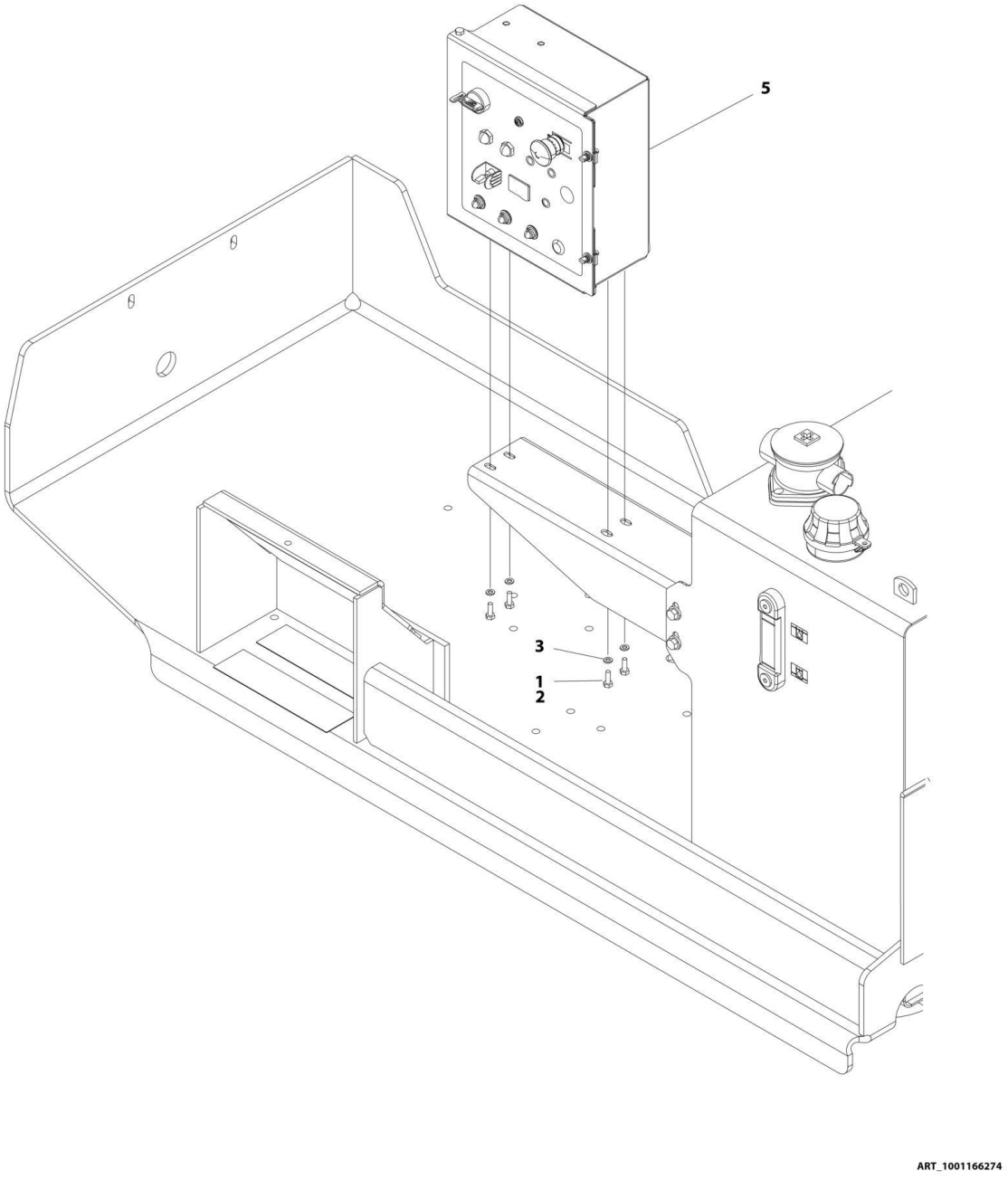


FIGURE 2-24. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI & CSA SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166274	Ref	GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI & CSA SPECS WITHOUT POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)	B
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	4761400	4	Washer 1/4	
4	1001104890	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
5	1001164188	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY - WITH LOW TEMPERATURE CUTOUT for Breakdown)	

FIGURE 2-25. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI, ANSI EXPORT & CSA SPECS WITH POWER OPTIONS MODULE)

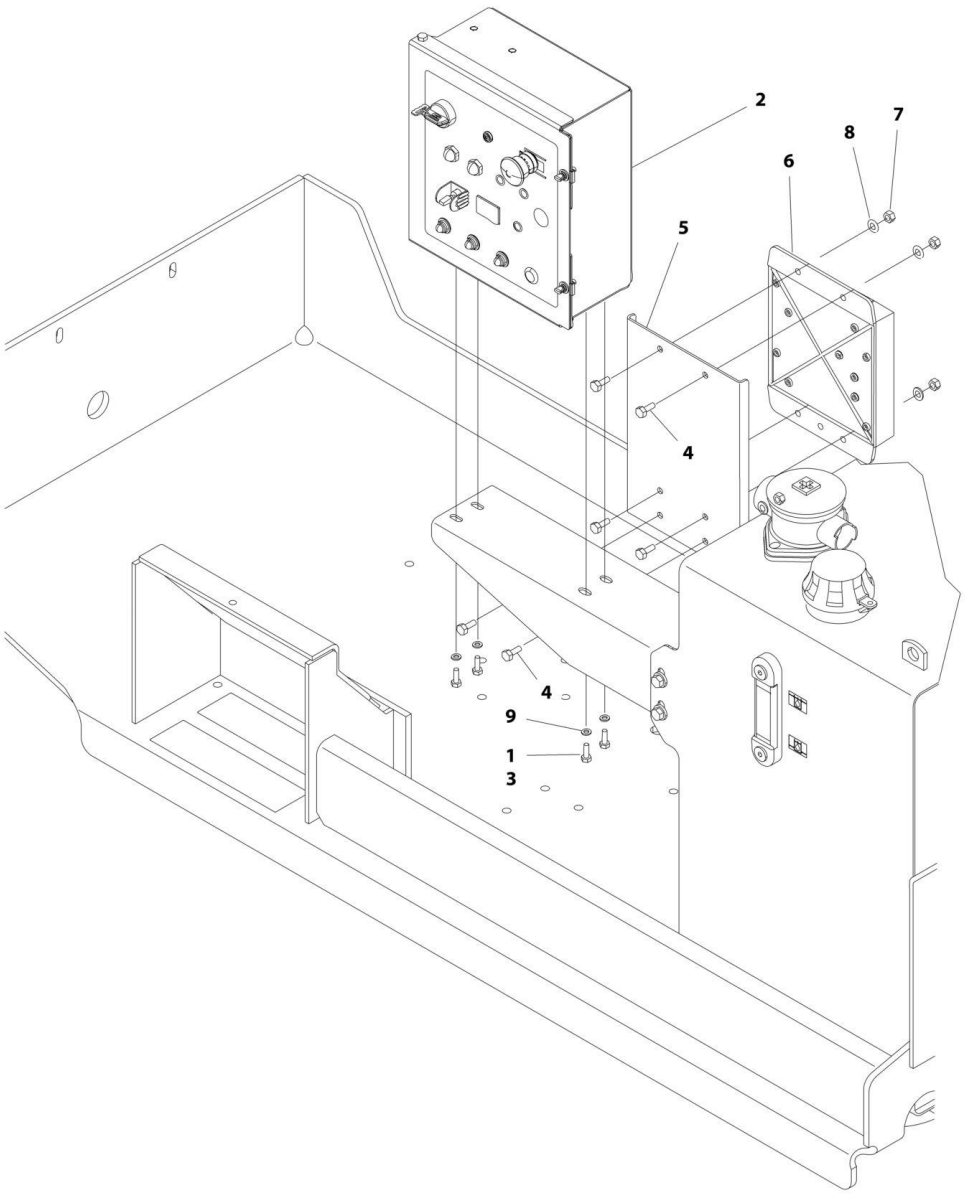


FIGURE 2-25. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI, ANSI EXPORT & CSA SPECS WITH POWER OPTIONS MODULE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001105906	Ref	GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI, ANSI EXPORT & CSA SPECS WITH POWER OPTIONS MODULE)	D
1	0100011	AR	Compound, Locking	
2	0271812	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
3	0641406	4	Bolt 1/4 x 3/4	
4	0641506	6	Bolt 5/16 x 3/4	
5	0902847	1	Bracket	
6		Ref	Module, Power Options:	
6		Ref	Note: Re-calibration Required when Replaced.	
6	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200239053 through 0200241191)**	
6	1001182481	1	Module **(SN 0200241192 to Present)**	
7	3311505	6	Nut 5/16	
8	4711500	6	Washer 5/16	
9	4761400	4	Washer 1/4	
10	1001104890	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-26. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI & CSA SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

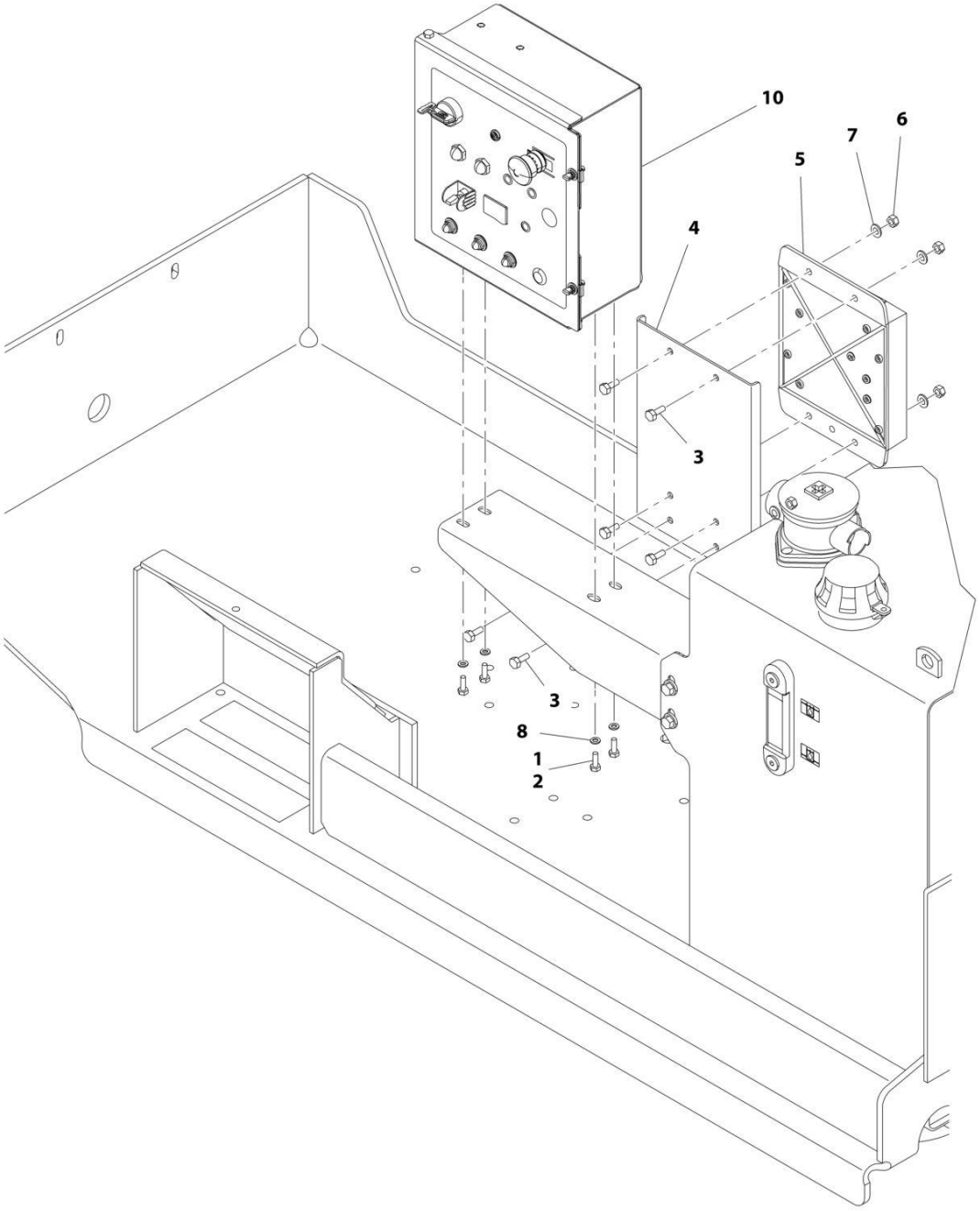


FIGURE 2-26. GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI & CSA SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166275	Ref	GROUND CONTROL BOX INSTALLATION - GM ENGINE (ANSI & CSA SPECS WITH POWER OPTIONS MODULE AND WITH LOW TEMPERATURE CUTOUT)	D
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	0641506	6	Bolt 5/16 x 3/4	
4	0902847	1	Bracket	
5		Ref	Module, Power Options:	
5		Ref	Note: Re-calibration Required when Replaced.	
5	1600336	NLA	Module (Use p/n 1001182481) **(SN 0200239053 through 0200241191)**	
5	1001182481	1	Module **(SN 0200241192 to Present)**	
6	3311505	6	Nut 5/16	
7	4711500	6	Washer 5/16	
8	4761400	4	Washer 1/4	
9	1001104890	1	Valve and Engine Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
10	1001164188	1	Ground Control Box Assembly (See GROUND CONTROL BOX ASSEMBLY - WITH LOW TEMPERATURE CUTOUT for Breakdown)	

FIGURE 2-27. GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITHOUT LOW TEMPERATURE CUTOUT (ALL SPECS WITHOUT CE SPECS)

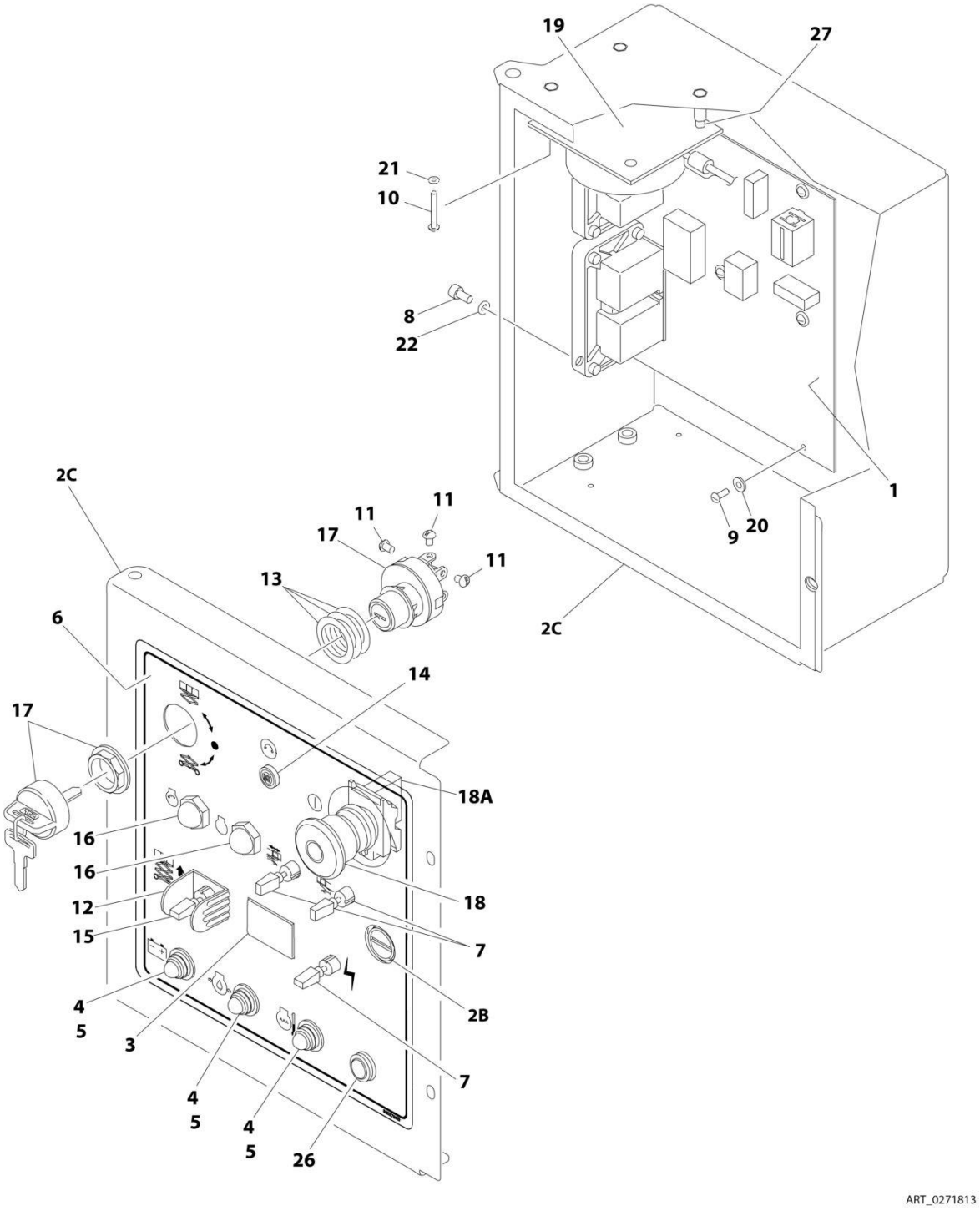


FIGURE 2-27. GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITHOUT LOW TEMPERATURE CUTOUT (ALL SPECS WITHOUT CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: For machines with ground control box with cover refer to SPECIAL OPTIONS SECTION.	
	0271813	Ref	GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITHOUT LOW TEMPERATURE CUTOUT (ALL SPECS WITHOUT CE SPECS)	AE
1		Ref	Module, Ground Control Options:	
1		Ref	Note: Re-calibration Required when Replaced.	
1	1001091731	NLA	Module (Use p/n 1001135570) **(SN 0200239053 through 0200246391)**	
1	1001135570	1	Module **(SN 0200246392 to Present)**	
2		Ref	Box Assembly Options:	
2A	0861508	1	Box Assembly (Not Shown) **(SN 0200239053 through 0200246032)**	
2B	7023212	1	Latch (0861508 Box)	
2C	1001177617	1	Box Assembly (See BOX COMPONENTS for Breakdown) **(SN 0200246033 to Present)**	
3	2420172	1	Hourmeter	
4	2920026	3	Holder, Lamp	
5	2920029	3	Bulb, Light	
6	1705688	1	Nameplate/Decal	
7	3520028	3	Plug, Hole	
8	3900300	8	Screw	
9	3910606	4	Screw #6 x 3/8	
10	3910616	4	Screw #6 x 1	
11	3910804	3	Screw #8 x 1/4	
12	4060802	1	Guard, Switch	
13	4070987	1	Shim .015	
14	4360070	1	Breaker, Circuit 15Amp	
15	4360328	1	Switch, Toggle	
16	4360387	2	Switch, Push Button	
17	4360469	1	Keyswitch	
17	2860030	1	Key, Replacement	
18	4360475	1	Switch, Push-Pull Emergency Stop	
18	7020175	1	Cap	
18A	7020176	1	Block, Contact	
19	1810140	1	Switch, Dual Axis	
19	4460321	1	Plug, Male - 4 Position	
19	4460267	4	Pin, Male	
20	4750600	4	Washer #6	
21	4760600	4	Washer #6	
22	4761000	8	Washer #10	
24	4922667	1	Ground Control Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
26	3520193	1	Plug 7/8	
27	1001102512	4	Washer, Spacer	

FIGURE 2-28. GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITHOUT LOW TEMPERATURE CUTOUT (CE SPEC)

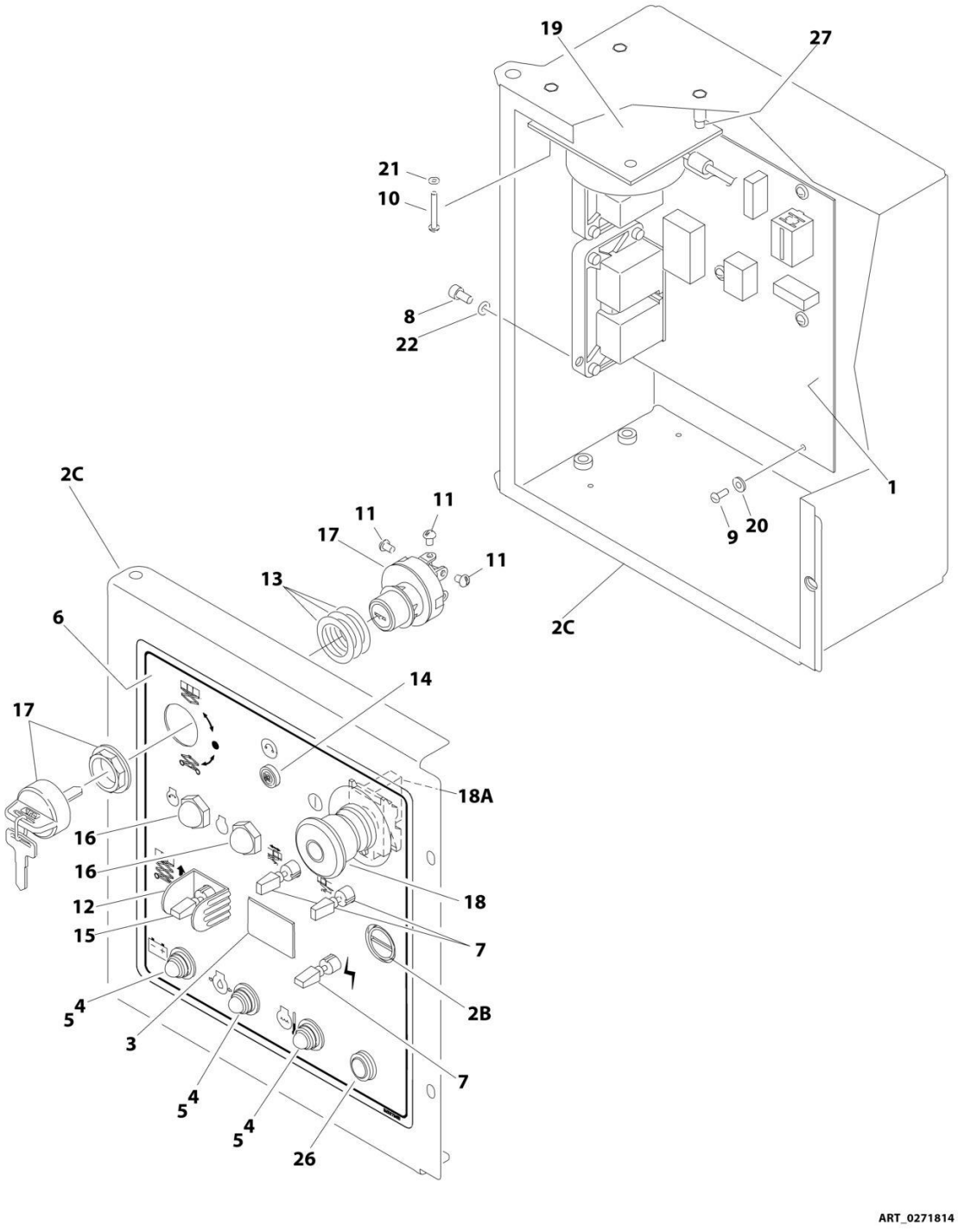


FIGURE 2-28. GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITHOUT LOW TEMPERATURE CUTOUT (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: For machines with ground control box with cover refer to SPECIAL OPTIONS SECTION.	
	0271814	Ref	GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITHOUT LOW TEMPERATURE CUTOUT (CE SPEC)	AD
1		Ref	Module, Ground Control Options:	
1		Ref	Note: Re-calibration Required when Replaced.	
1	1001091731	NLA	Module (Use p/n 1001135570) **(SN 0200239053 through 0200246391)**	
1	1001135570	1	Module **(SN 0200246392 to Present)**	
2		Ref	Box Assembly Options:	
2A	0861508	1	Box Assembly (Not Shown) **(SN 0200239053 through 0200246032)**	
2B	7023212	1	Latch (0861508 Box)	
2C	1001177617	1	Box Assembly (See BOX COMPONENTS for Breakdown) **(SN 0200246033 to Present)**	
3	2420172	1	Hourmeter	
4	2920026	3	Holder, Lamp	
5	2920029	3	Bulb, Light	
6	1705688	1	Nameplate/Decal	
7	3520028	3	Plug, Hole	
8	3900300	8	Screw	
9	3910606	4	Screw #6 x 3/8	
10	3910616	4	Screw #6 x 1	
11	3910804	3	Screw #8 x 1/4	
12	4060802	1	Guard, Switch	
13	4070987	1	Shim .015	
14	4360070	1	Breaker, Circuit 15Amp	
15	4360328	1	Switch, Toggle	
16	4360387	2	Switch, Push Button	
17	4360470	1	Keyswitch **(SN 0200239053 through 0200246391)**	
17	4360469	1	Keyswitch **(SN 0200246392 to Present)**	
17	2860030	1	Key, Replacement	
18	4360475	1	Switch, Push-Pull Emergency Stop	
18	7020175	1	Cap	
18A	7020176	1	Block, Contact	
19	1810140	1	Switch, Dual Axis	
19	4460321	1	Plug, Male - 4 Position	
19	4460267	4	Pin, Male	
20	4750600	4	Washer #6	
21	4760600	4	Washer #6	
22	4761000	8	Washer #10	
24	4922667	1	Ground Control Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
26	3520193	1	Plug 7/8	
27	1001102512	4	Washer, Spacer	

FIGURE 2-29. GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITH LOW TEMPERATURE CUTOUT (ALL SPECS EXCEPT CE SPEC)

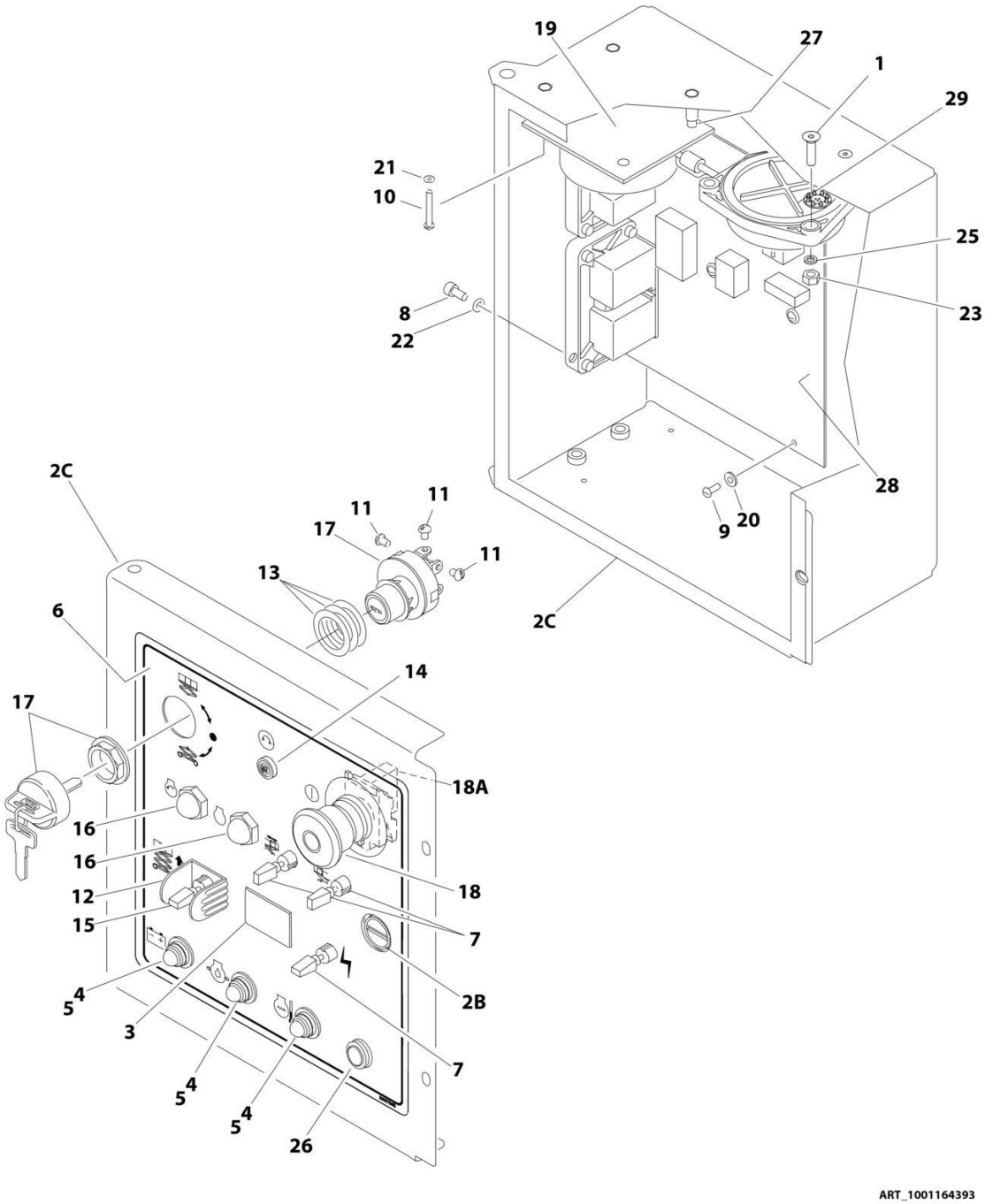


FIGURE 2-29. GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITH LOW TEMPERATURE CUTOUT (ALL SPECS EXCEPT CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: For machines with ground control box with cover refer to SPECIAL OPTIONS SECTION.	
	1001164393	Ref	GROUND CONTROL BOX ASSEMBLY - DEUTZ ENGINE WITH LOW TEMPERATURE CUTOUT (ALL SPECS EXCEPT CE SPEC)	D
1	0741408	3	Screw 1/4 x 1	
2		Ref	Box Assembly Options:	
2A	1001164187	1	Box Assembly (Not Shown) **(SN 0200239053 through 0200246032)**	
2B	7023212	1	Latch (1001164187 Box)	
2C	1001187559	1	Box Assembly (See BOX COMPONENTS for Breakdown) **(SN 0200246033 to Present)**	
3	2420172	1	Hourmeter	
4	2920026	3	Holder, Lamp	
5	2920029	3	Bulb, Light	
6	1705688	1	Nameplate/Decal	
7	3520028	3	Plug, Hole	
8	3900300	8	Screw	
9	3910606	4	Screw #6 x 3/8	
10	3910616	4	Screw #6 x 1	
11	3910804	3	Screw #8 x 1/4	
12	4060802	1	Guard, Switch	
13	4070987	1	Shim .015	
14	4360070	1	Breaker, Circuit 15Amp	
15	4360328	1	Switch, Toggle	
16	4360387	2	Switch, Push Button	
17	4360469	1	Keyswitch	
17	2860030	1	Key, Replacement	
18	4360475	1	Switch, Push-Pull Emergency Stop	
18	7020175	1	Cap	
18A	7020176	1	Block, Contact	
19	1810140	1	Switch, Dual Axis	
19	4460321	1	Plug, Male - 4 Position	
19	4460267	4	Pin, Male	
20	4750600	4	Washer #6	
21	4760600	4	Washer #6	
22	4761000	8	Washer #10	
23	3271405	3	Nut 1/4	
24	4922667	1	Ground Control Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
25	4761200	3	Washer #12	
26	3520193	1	Plug 7/8	
27	1001102512	4	Washer, Spacer	
28	1001135570	1	Module, Control (Note: Re-calibration Required when Replaced)	
29	1001163095	1	Sensor, Tilt	
30	1001164103	1	Harness, Temperature Sensor (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 2-30. GROUND CONTROL BOX ASSEMBLY - DEUTZ D2011 ENGINE WITH LOW TEMPERATURE CUTOUT (ANSI EXPORT SPEC)

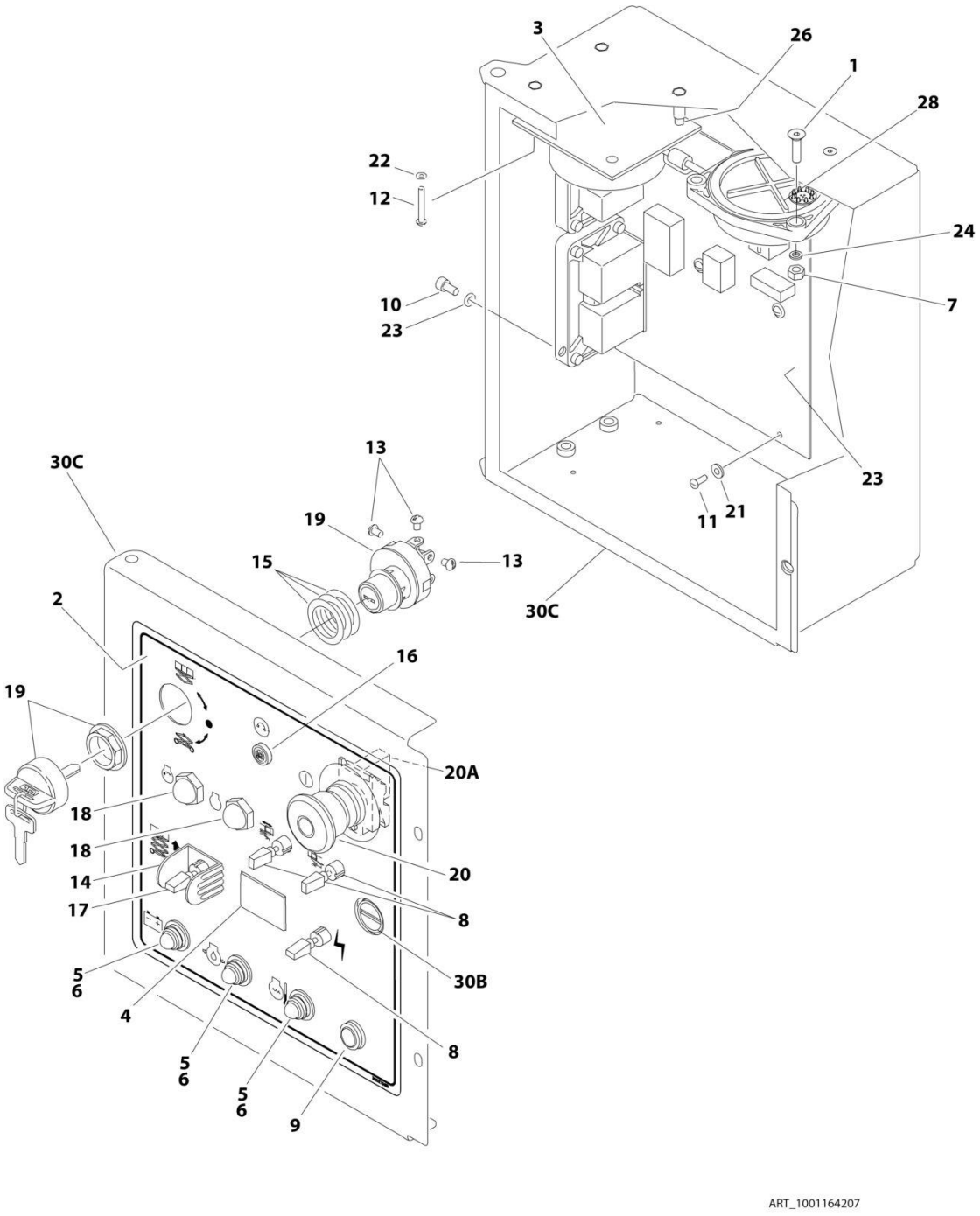


FIGURE 2-30. GROUND CONTROL BOX ASSEMBLY - DEUTZ D2011 ENGINE WITH LOW TEMPERATURE CUTOUT (ANSI EXPORT SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: For machines with ground control box with cover refer to SPECIAL OPTIONS SECTION.	
	1001164207	Ref	GROUND CONTROL BOX ASSEMBLY - DEUTZ D2011 ENGINE WITH LOW TEMPERATURE CUTOUT (ANSI EXPORT SPEC)	B
1	0741408	3	Screw 1/4 x 1	
2	1705688	1	Decal - Nameplate	
3	1810140	1	Switch, Dual Axis	
3	4460321	1	Plug, Male - 4 Position	
3	4460267	1	Pin, Male	
4	2420172	1	Hourmeter	
5	2920026	3	Holder, Lamp	
6	2920029	3	Bulb, Light	
7	3271405	3	Nut 1/4	
8	3520028	3	Plug, Hole	
9	3520193	1	Plug 7/8	
10	3900300	8	Screw	
11	3910606	4	Screw #6 x 3/8	
12	3910616	4	Screw #6 x 1	
13	3910804	3	Screw #8 x 1/4	
14	4060802	1	Guard, Switch	
15	4070987	1	Shim .015	
16	4360070	1	Breaker, Circuit 15Amp	
17	4360328	1	Switch, Toggle	
18	4360387	2	Switch, Push Button	
19	4360469	1	Keyswitch	
19	2860030	1	Key, Replacement	
20	4360475	1	Switch, Push-Pull Emergency Stop	
20	7020175	1	Cap	
20A	7020176	1	Block, Contact	
21	4750600	4	Washer #6	
22	4760600	4	Washer #6	
23	4761000	8	Washer #10	
24	4761200	3	Washer #12	
25	4922667	1	Ground Control Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
26	1001102512	4	Washer, Spacer	
27	1001135570	1	Module, Control (Note: Re-calibration Required when Replaced)	
28	1001163095	1	Sensor, Tilt	
29	1001164103	1	Harness, Temperature Sensor (Not Shown - See ELECTRICAL SECTION for Breakdown)	
30		Ref	Box Assembly Options:	
30A	1001164187	1	Box Assembly (Not Shown) **(SN 0200239053 through 0200246032)**	
30B	7023212	1	Latch (1001164187 Box)	
30C	1001187559	1	Box Assembly (See BOX COMPONENTS for Breakdown) **(SN 0200246033 to Present)**	

FIGURE 2-31. GROUND CONTROL BOX ASSEMBLY - GM ENGINE WITHOUT LOW TEMPERATURE CUTOUT

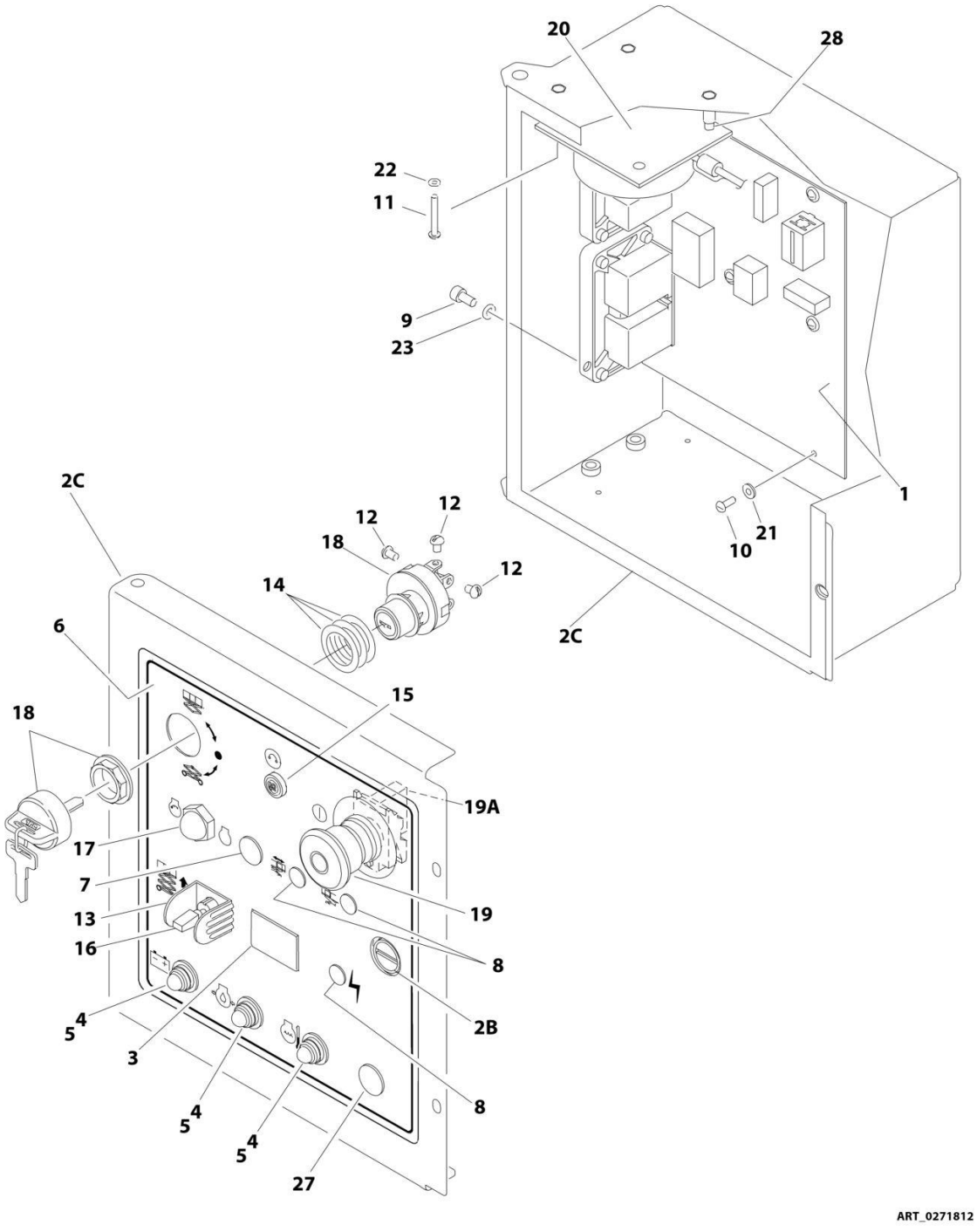


FIGURE 2-31. GROUND CONTROL BOX ASSEMBLY - GM ENGINE WITHOUT LOW TEMPERATURE CUTOUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: For machines with ground control box with cover refer to SPECIAL OPTIONS SECTION.	
	0271812	Ref	GROUND CONTROL BOX ASSEMBLY - GM ENGINE WITHOUT LOW TEMPERATURE CUTOUT	AD
1	1001135570	1	Module, Control (Note: Re-calibration Required when Replaced)	
2		Ref	Box Assembly Options:	
2A	0861508	1	Box Assembly (Not Shown) **(SN 0200239053 through 0200246032)**	
2B	7023212	1	Latch (0861508 Box)	
2C	1001177617	1	Box Assembly (See BOX COMPONENTS for Breakdown) **(SN 0200246033 to Present)**	
3	2420172	1	Hourmeter	
4	2920026	3	Holder, Lamp	
5	2920029	3	Bulb, Light	
6	1705688	1	Nameplate/Decal	
7	3520026	1	Plug, Hole	
8	3520028	3	Plug, Hole	
9	3900300	8	Screw	
10	3910606	4	Screw #6 x 3/8	
11	3910616	4	Screw #6 x 1	
12	3910804	3	Screw #8 x 1/4	
13	4060802	1	Guard, Switch	
14	4070987	1	Shim .015	
15	4360070	1	Breaker, Circuit 15Amp	
16	4360328	1	Switch, Toggle	
17	4360387	1	Switch, Push Button	
18	4360469	1	Keyswitch	
18	2860030	1	Key, Replacement	
19	4360475	1	Switch, Push-Pull Emergency Stop	
19	7020175	1	Cap	
19A	7020176	1	Block, Contact	
20	1810140	1	Switch, Dual Axis	
20	4460321	1	Plug, Male - 4 Position	
20	4460267	4	Pin, Male	
21	4750600	4	Washer #6	
22	4760600	4	Washer #6	
23	4761000	8	Washer #10	
25	4922667	1	Ground Control Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
27	3520193	1	Plug 7/8	
28	1001102512	4	Washer, Spacer	

FIGURE 2-32. GROUND CONTROL BOX ASSEMBLY - GM ENGINE WITH LOW TEMPERATURE CUTOUT

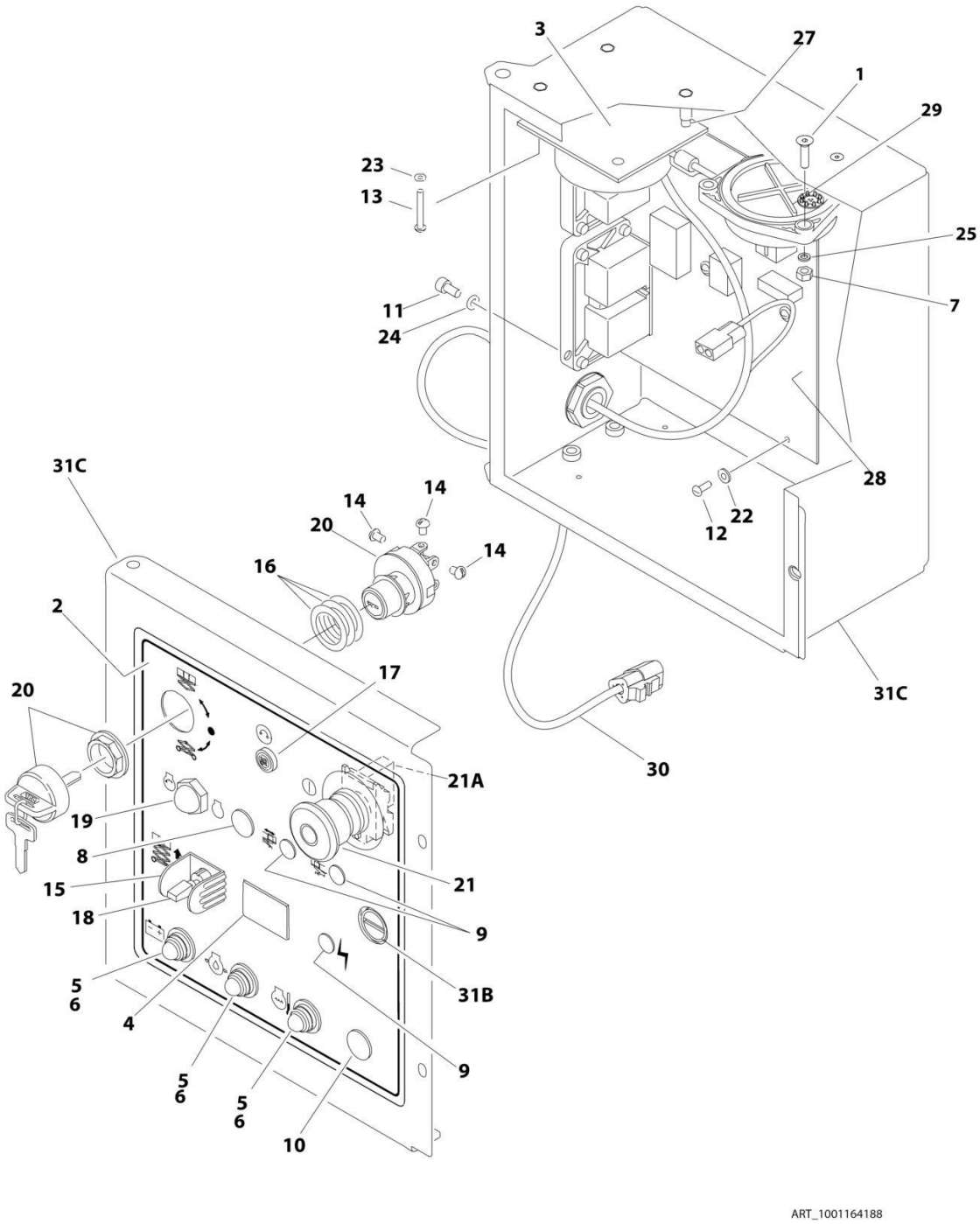


FIGURE 2-32. GROUND CONTROL BOX ASSEMBLY - GM ENGINE WITH LOW TEMPERATURE CUTOUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: For machines with ground control box with cover refer to SPECIAL OPTIONS SECTION.	
	1001164188	Ref	GROUND CONTROL BOX ASSEMBLY - GM ENGINE WITH LOW TEMPERATURE CUTOUT	D
1	0741408	3	Screw 1/4 x 1	
2	1705688	1	Decal - Nameplate	
3	1810140	1	Switch, Dual Axis	
3	4460321	1	Plug, Male - 4 Position	
3	4460267	4	Pin, Male	
4	2420172	1	Hourmeter	
5	2920026	3	Holder, Lamp	
6	2920029	3	Bulb, Light	
7	3271405	3	Nut 1/4	
8	3520026	1	Plug, Hole	
9	3520028	3	Plug, Hole	
10	3520193	1	Plug 7/8	
11	3900300	8	Screw	
12	3910606	4	Screw #6 x 3/8	
13	3910616	4	Screw #6 x 1	
14	3910804	3	Screw #8 x 1/4	
15	4060802	1	Guard, Switch	
16	4070987	1	Shim .015	
17	4360070	1	Breaker, Circuit 15Amp	
18	4360328	1	Switch, Toggle	
19	4360387	1	Switch, Push Button	
20	4360469	1	Keyswitch	
20	2860030	1	Key, Replacement	
21	4360475	1	Switch, Push-Pull Emergency Stop	
21	7020175	1	Cap	
21A	7020176	1	Block, Contact	
22	4750600	4	Washer #6	
23	4760600	4	Washer #6	
24	4761000	8	Washer #10	
25	4761200	3	Washer #12	
26	4922667	1	Ground Control Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
27	1001102512	4	Washer, Spacer	
28	1001135570	1	Module, Control (Note: Re-calibration Required when Replaced)	
29	1001163095	1	Sensor, Tilt	
30	1001164103	1	Harness, Temperature Sensor (See ELECTRICAL SECTION for Breakdown)	
31		Ref	Box Assembly Options:	
31A	1001164187	1	Box Assembly (Not Shown) **(SN 0200239053 through 0200246032)**	
31B	7023212	1	Latch (1001164187 Box)	
31C	1001187559	1	Box Assembly (See BOX COMPONENTS for Breakdown) **(SN 0200246033 to Present)**	

FIGURE 2-33. GROUND CONTROL BOX COMPONENTS - WITHOUT LOW TEMPERATURE CUTOUT (SN 0200246033 to Present)

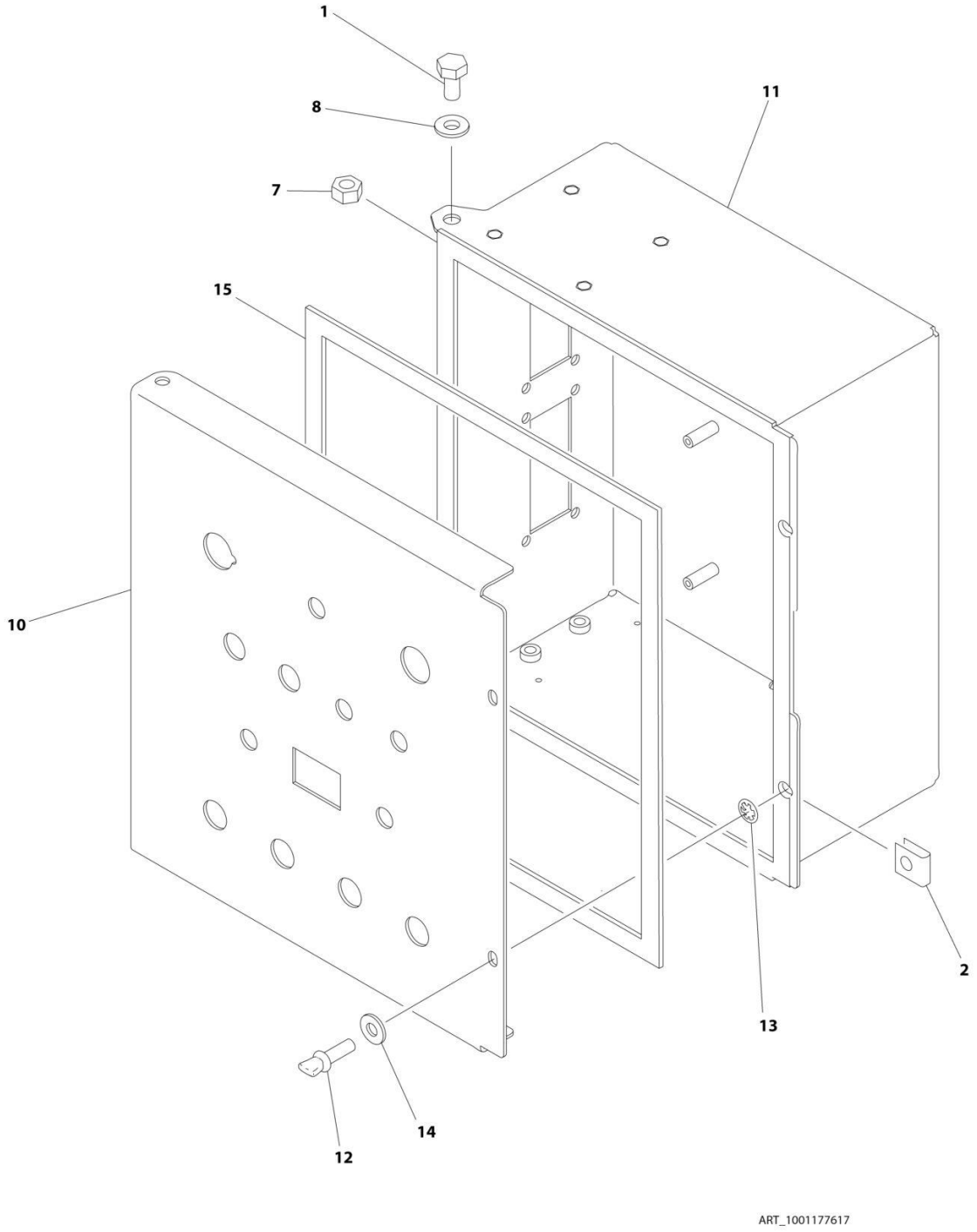


FIGURE 2-33. GROUND CONTROL BOX COMPONENTS - WITHOUT LOW TEMPERATURE CUTOUT (SN 0200246033 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177617	Ref	GROUND CONTROL BOX COMPONENTS - WITHOUT LOW TEMPERATURE CUTOUT **(SN 0200246033 to Present)**	G
1	0641404	2	Bolt 1/4 x 1/2	
2	3300353	2	Nut, Tinnerman	
7	3311405	2	Nut 1/4	
8	4740518	2	Washer	
10	1001177618	1	Lid	
11	See Note	NSS	Box (Note: Use p/n 1001177617)	
12	1001103308	2	Screw 1/4 x 3/4	
13	1001188874	2	Nut, Push	
14	4711400	2	Washer 1/4	
15	1001165734	44 in/1.1m	Seal **(SN 0200250829 to Present)**	

FIGURE 2-34. GROUND CONTROL BOX COMPONENTS - WITH LOW TEMPERATURE CUTOUT (SN 0200246033 to Present)

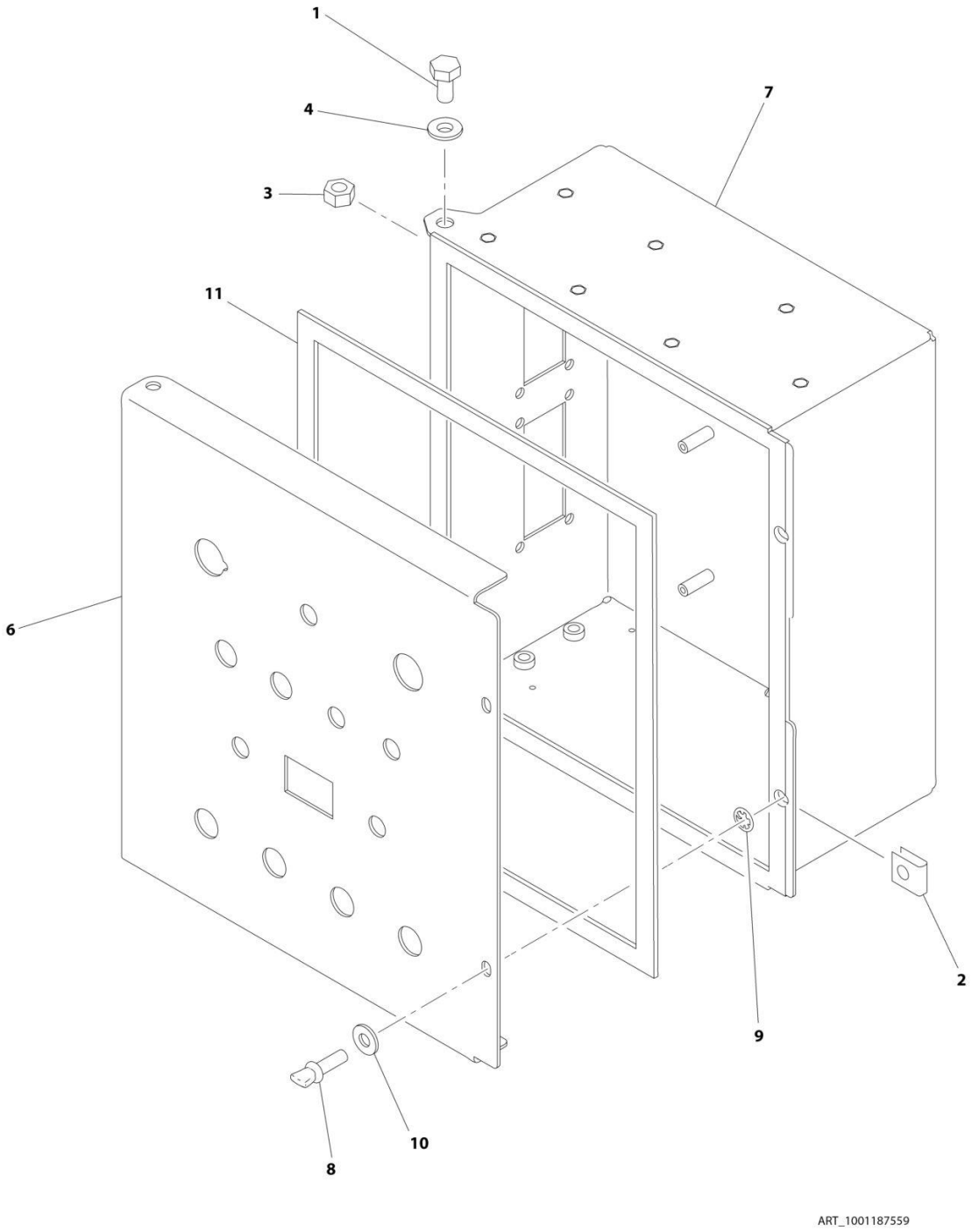


FIGURE 2-34. GROUND CONTROL BOX COMPONENTS - WITH LOW TEMPERATURE CUTOUT (SN 0200246033 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187559	Ref	GROUND CONTROL BOX COMPONENTS - WITH LOW TEMPERATURE CUTOUT **(SN 0200246033 to Present)**	B
1	0641404	2	Bolt 1/4 x 1/2	
2	3300353	2	Nut, Tinnerman	
3	3311405	2	Nut 1/4	
4	4740518	2	Washer	
6	1001177618	1	Lid	
7	See Note	NSS	Box (Note: Use p/n 1001187559)	
8	1001103308	2	Screw 1/4 x 3/4	
9	1001188874	2	Nut, Push	
10	4711400	2	Washer 1/4	
11	1001165734	44 in/1.1m	Seal **(SN 0200250829 to Present)**	

FIGURE 2-35. HORN INSTALLATION

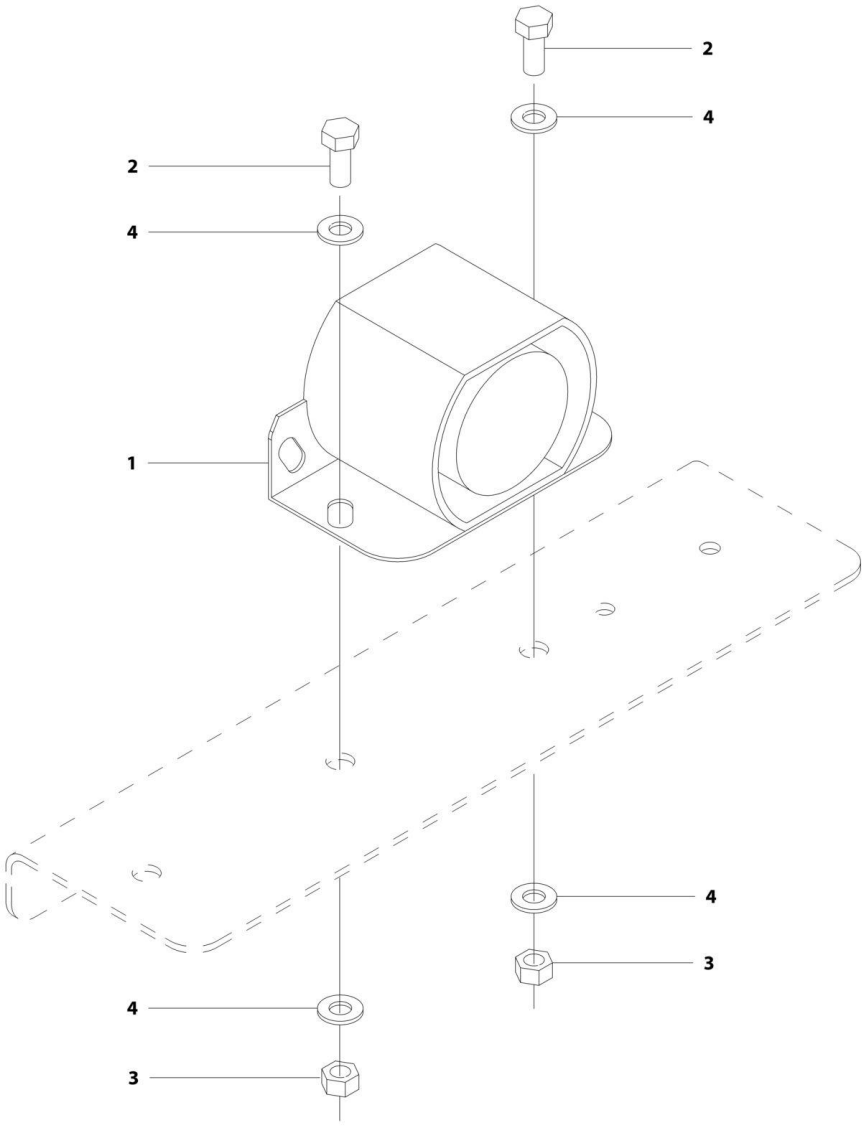


FIGURE 2-35. HORN INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273969	Ref	HORN INSTALLATION	B
1	0140032	1	Alarm	
2	0641506	2	Bolt 5/16 x 3/4	
3	3311505	2	Nut 5/16	
4	4711500	4	Washer 5/16	

FIGURE 2-36. MOTION ALARM INSTALLATION

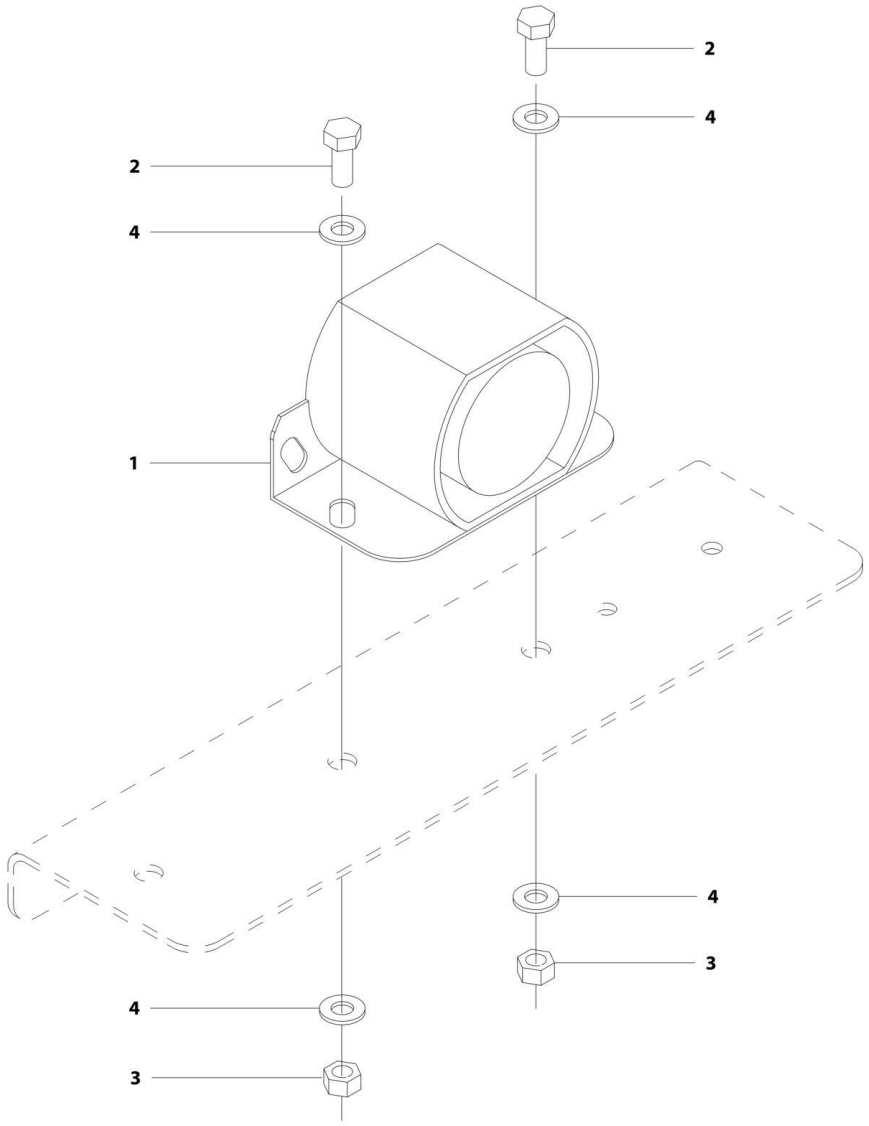


FIGURE 2-36. MOTION ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271781	Ref	MOTION ALARM INSTALLATION	C
1	0140032	1	Alarm	
2	0641506	2	Bolt 5/16 x 3/4	
3	3311505	2	Nut 5/16	
4	4711500	4	Washer 5/16	

FIGURE 2-37. TANKS INSTALLATION - DIESEL ENGINE MACHINES

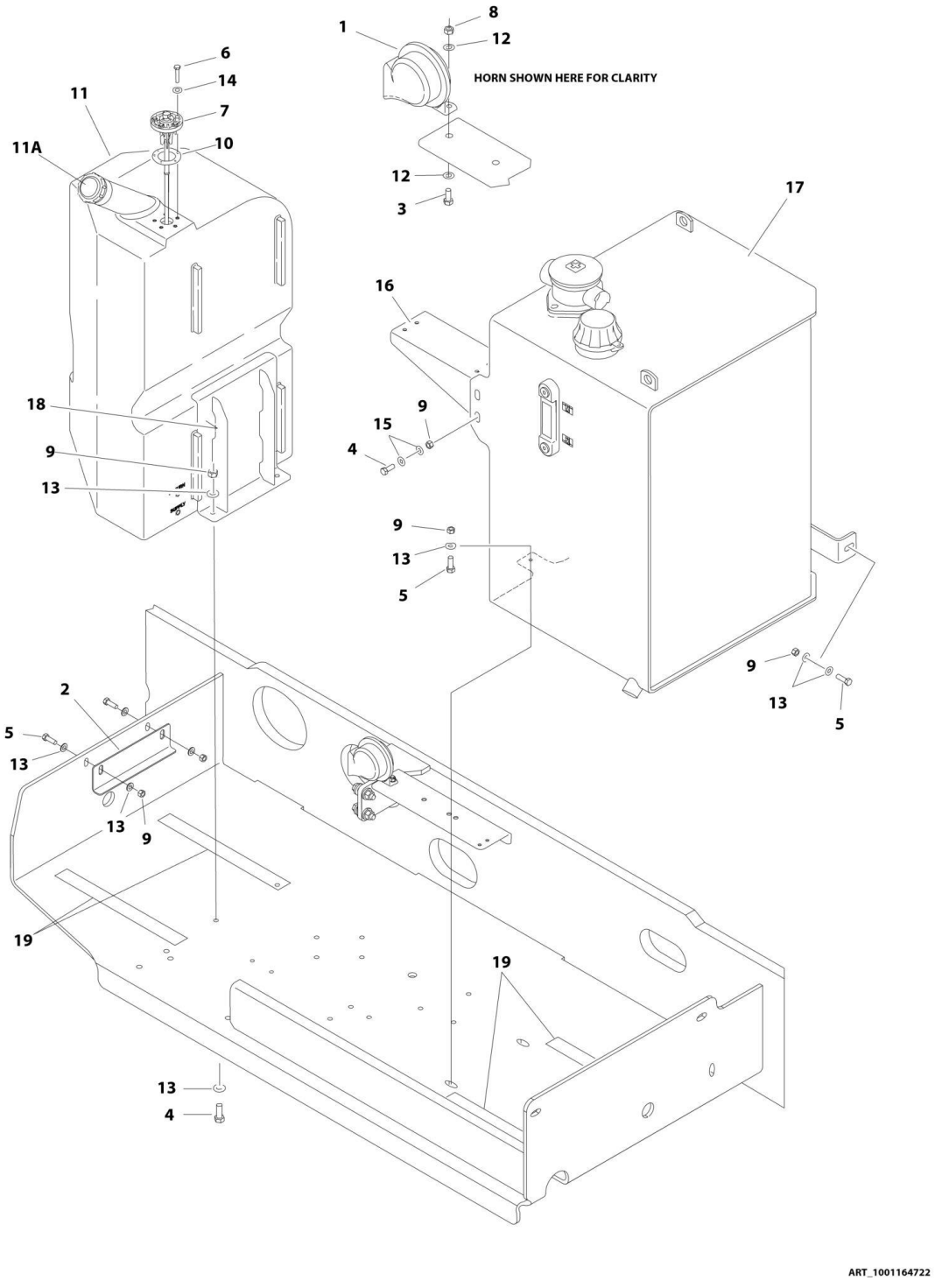


FIGURE 2-37. TANKS INSTALLATION - DIESEL ENGINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164722	Ref	TANKS INSTALLATION - DIESEL ENGINE MACHINES	B
1	0140001	1	Horn	
2	0182033	1	Bracket, Hydraulic Tank Mounting	
3	0641506	1	Bolt 5/16 x 3/4	
4	0641608	6	Bolt 3/8 x 1	
5	0641609	5	Bolt 3/8 x 1-1/8	
6	0731008	5	Screw #10 x 1	
7	2420199	1	Gauge, Fuel Level	
8	3311505	1	Nut 5/16	
9	3311605	11	Nut 3/8	
10	3960525	1	Seal, Gauge	
11	4400436	1	Tank, Fuel	
11A	1120361	1	Cap, Vented Non-Locking	
12	4711500	2	Washer 5/16	
13	4711600	14	Washer 3/8	
14	4751000	5	Washer #10	
15	4891600	8	Washer 3/8	
16	1001102766	1	Bracket, Ground Control Box Mount	
17	1001102823	1	Hydraulic Oil Tank Assembly (See HYDRAULIC OIL TANK ASSEMBLY for Breakdown)	
18	1001164534	1	Bracket, Fuel Tank	
19	4420037	4 ft/1.2m	Tape, Insulation	

FIGURE 2-38. TANKS INSTALLATION - GAS ENGINE MACHINES

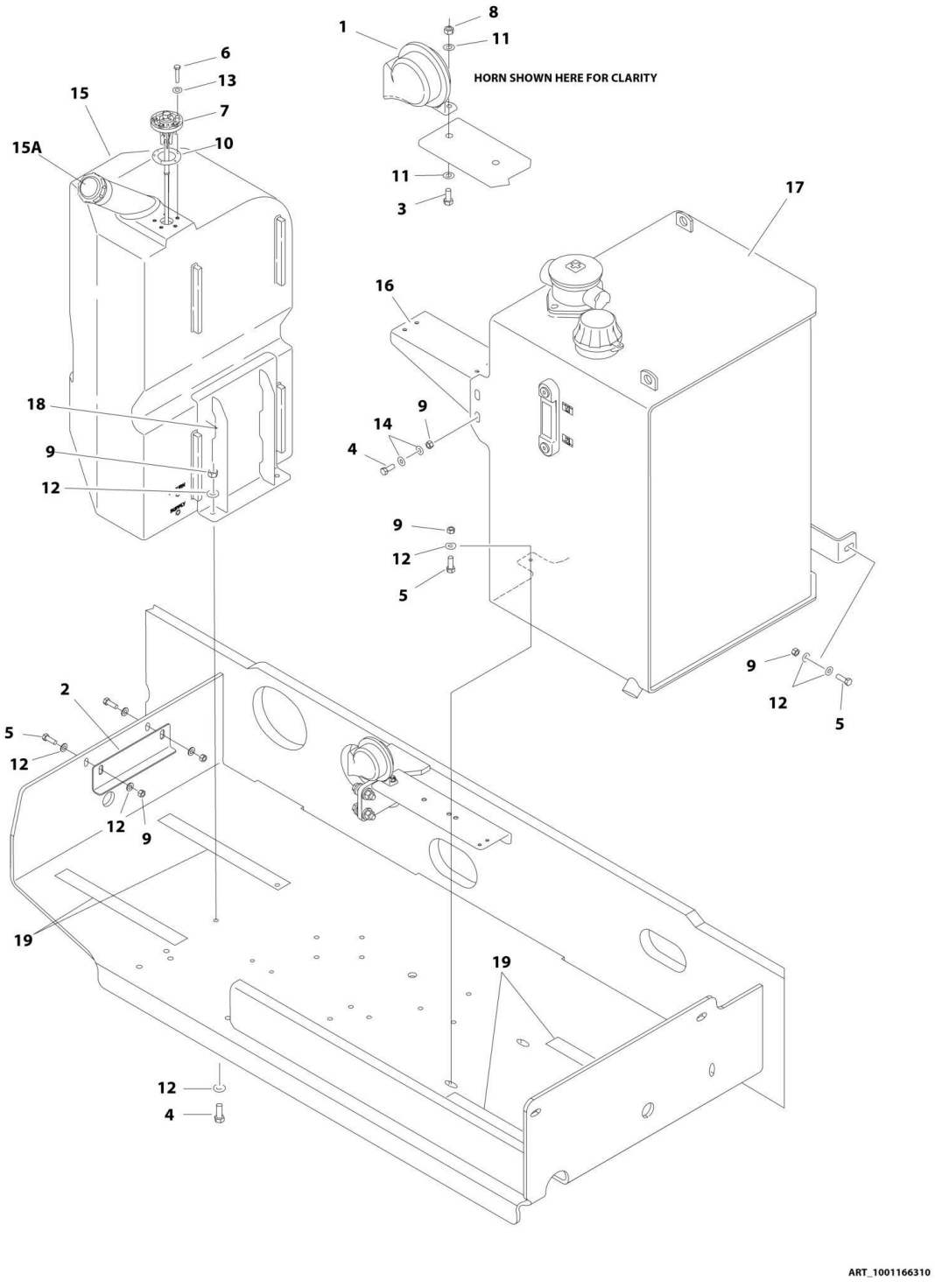


FIGURE 2-38. TANKS INSTALLATION - GAS ENGINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166310	Ref	TANKS INSTALLATION - GAS ENGINE MACHINES	C
1	0140001	1	Horn	
2	0182033	1	Bracket, Hydraulic Tank Mounting	
3	0641506	1	Bolt 5/16 x 3/4	
4	0641608	6	Bolt 3/8 x 1	
5	0641609	5	Bolt 3/8 x 1-1/8	
6	0731008	5	Screw #10 x 1	
7	2420199	1	Gauge, Fuel Level	
8	3311505	1	Nut 5/16	
9	3311605	11	Nut 3/8	
10	3960525	1	Seal, Gauge	
11	4711500	2	Washer 5/16	
12	4711600	14	Washer 3/8	
13	4751000	5	Washer #10	
14	4891600	8	Washer 3/8	
15	1001091564	NLA	Tank, Fuel (Use p/n 1001160561) **(SN 0200239053 through 0200241191)**	
15	1001160561	1	Tank, Fuel **(SN 0200241192 to Present)**	
15A	70001103	NLA	Cap, Vented Non-Locking (Use p/n 1001211336)	
15A	1001211336	1	Cap, Vented Non-Locking	
16	1001102766	1	Bracket, Ground Control Box Mount	
17	1001102823	1	Hydraulic Oil Tank Assembly (See HYDRAULIC OIL TANK ASSEMBLY for Breakdown)	
18	1001164534	1	Bracket, Fuel Tank	
19	4420037	4 ft/1.2m	Tape, Insulation	

FIGURE 2-39. HYDRAULIC OIL TANK ASSEMBLY

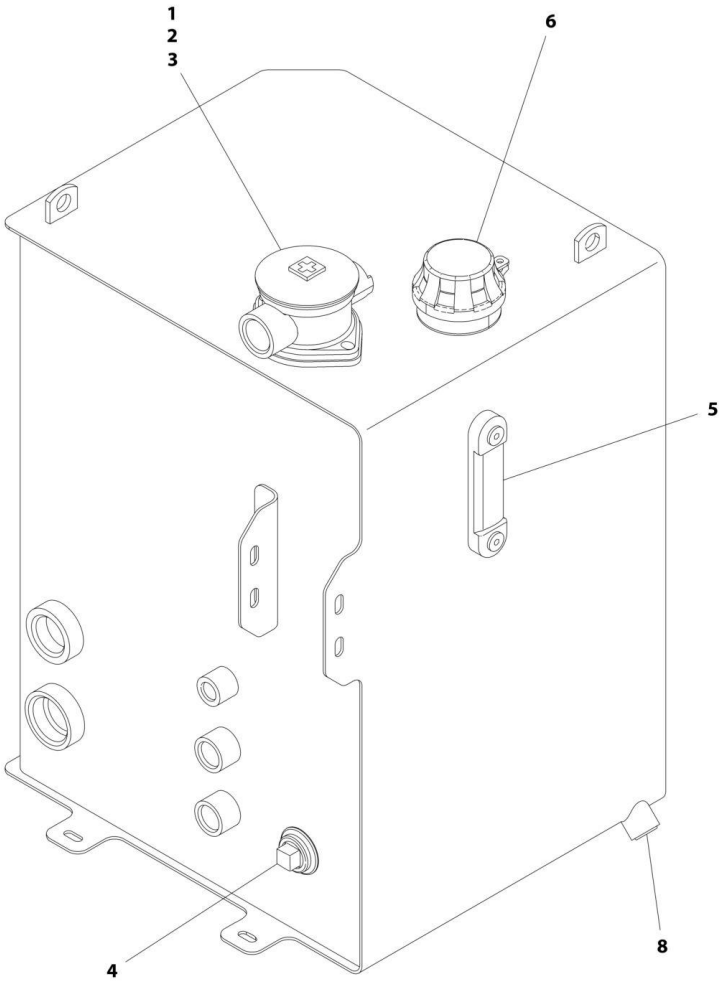


FIGURE 2-39. HYDRAULIC OIL TANK ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001102823	Ref	HYDRAULIC TANK ASSEMBLY	C
1	70001959	1	Filter, Return	
1	70001960	1	Element, Filter	
1	70002768	1	Spring, Return Filter Assembly	
2	7023306	1	Seal Between Filter Cover and Head	
3	7023347	1	Gasket Between Tank and Filter Flange	
4	7024446	1	Plug, Magnetic 1in NPT	
5	7024441	1	Gauge, Fluid Level	
6	70002113	1	Breather/Fill Cap	
7	See Note	NSS	Strainer (Note: Not a serviceable item per vendor)	
8	70002112	1	Plug, Magnetic	

FIGURE 2-40. FUEL CAP INSTALLATION - LOCKABLE - DIESEL MACHINES (OPTIONAL)

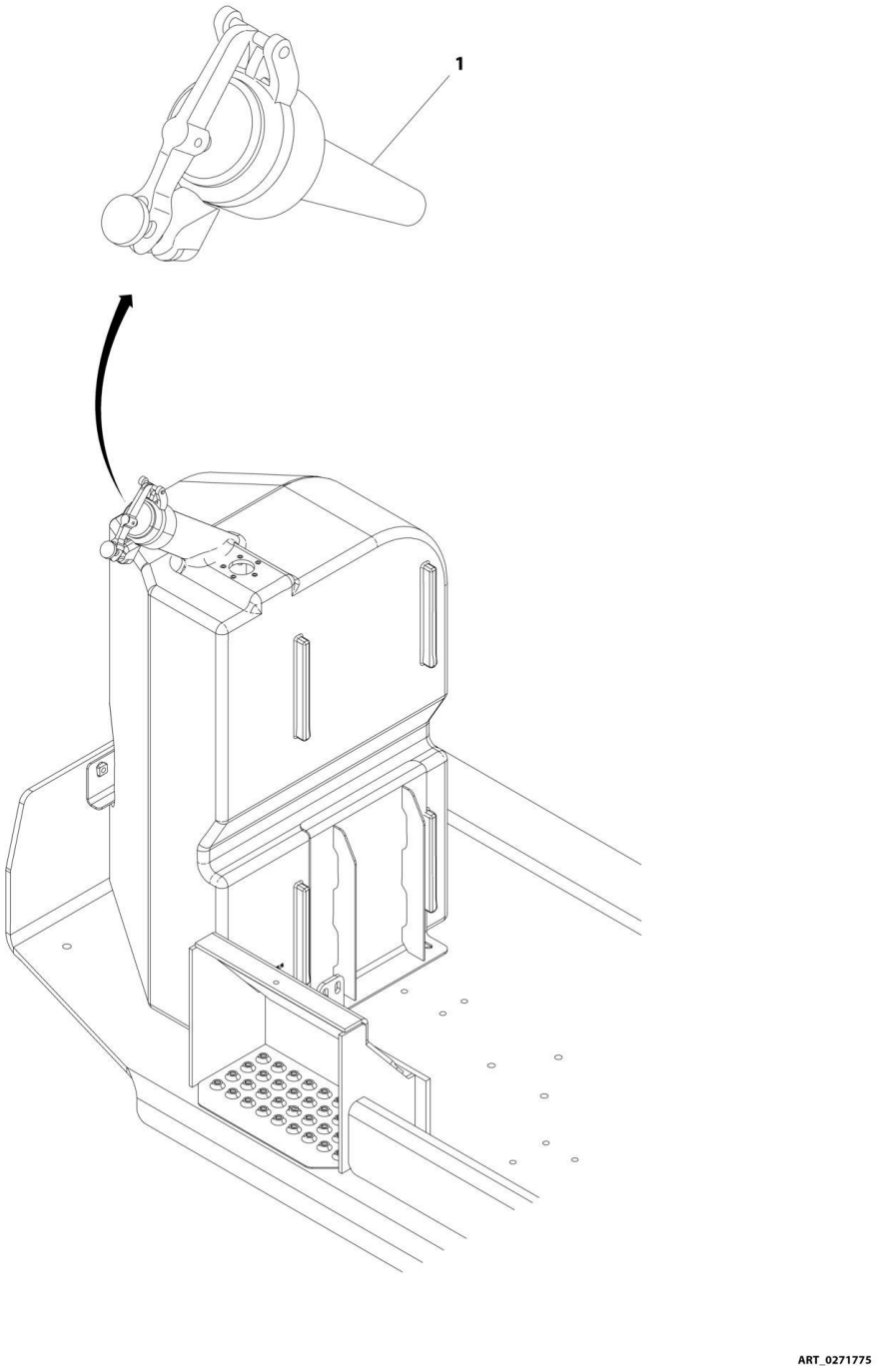


FIGURE 2-40. FUEL CAP INSTALLATION - LOCKABLE - DIESEL MACHINES (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271775	Ref	FUEL CAP INSTALLATION - LOCKABLE - DIESEL MACHINES (OPTIONAL)	B
1	1120558	1	Cap, Lockable (Blue) (Lock not included)	
1		Ref	Note: For Standard Cap, Refer to TANKS INSTALLATION.	

FIGURE 2-41. FUEL CAP INSTALLATION - LOCKABLE - GAS MACHINES (OPTIONAL)

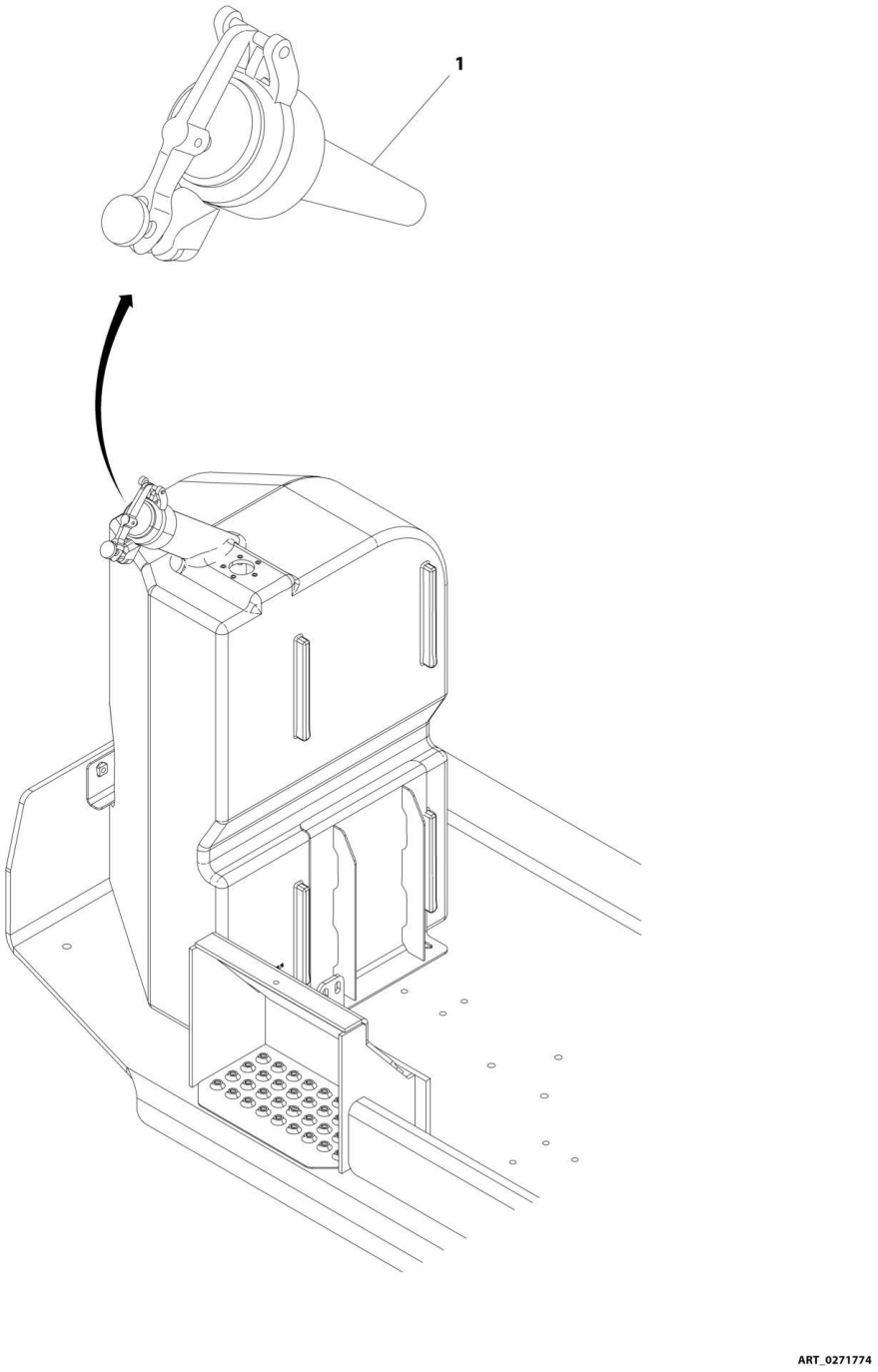
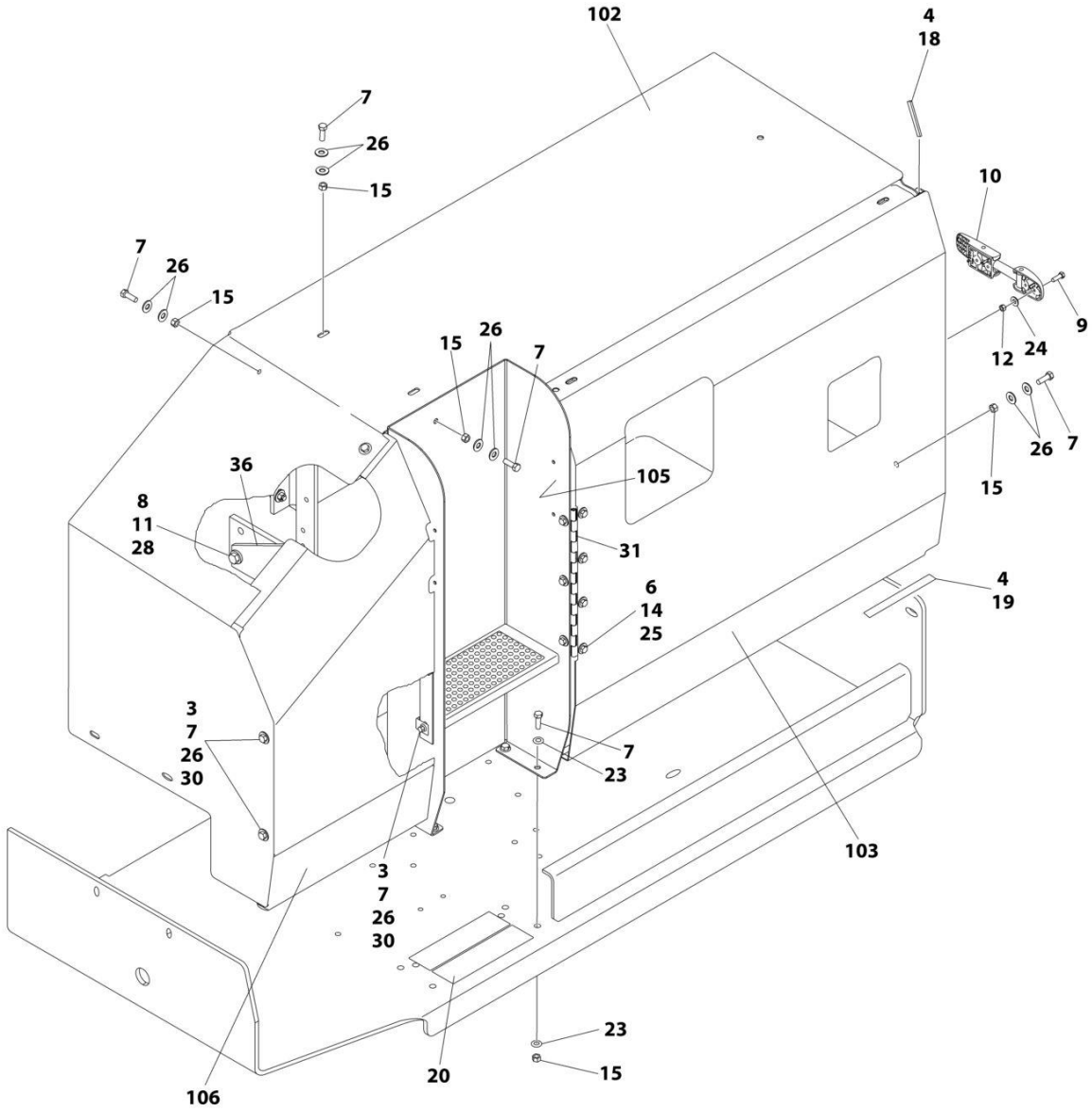


FIGURE 2-41. FUEL CAP INSTALLATION - LOCKABLE - GAS MACHINES (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271774	Ref	FUEL CAP INSTALLATION - LOCKABLE - GAS MACHINES (OPTIONAL)	B
1	1120485	1	Cap, Lockable (Red) (Lock not included)	
1		Ref	Note: For Standard Cap, Refer to TANKS INSTALLATION.	

FIGURE 2-42. HOODS AND COVERS INSTALLATION - DEUTZ D2011 AND GM ENGINE MACHINES



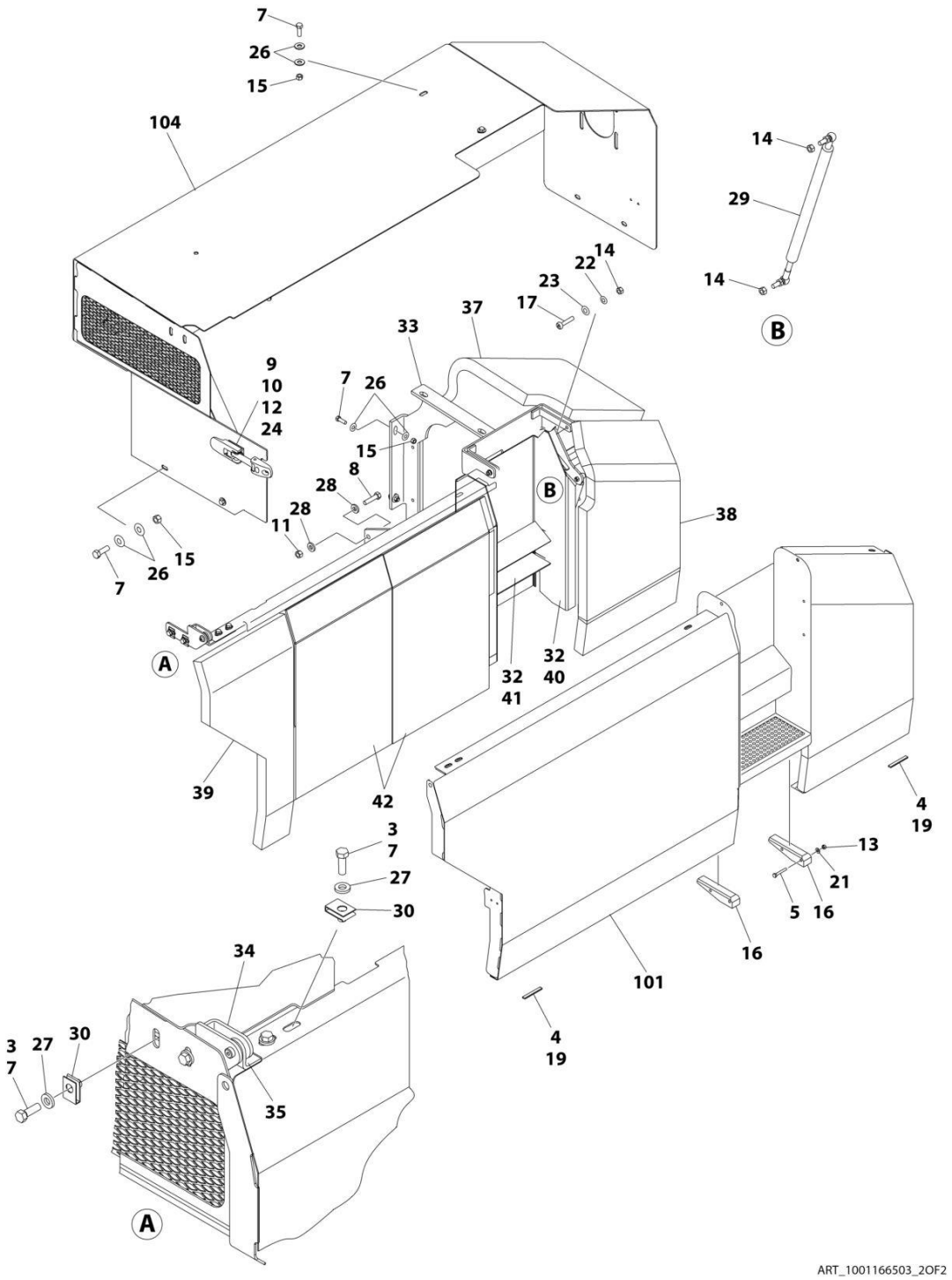
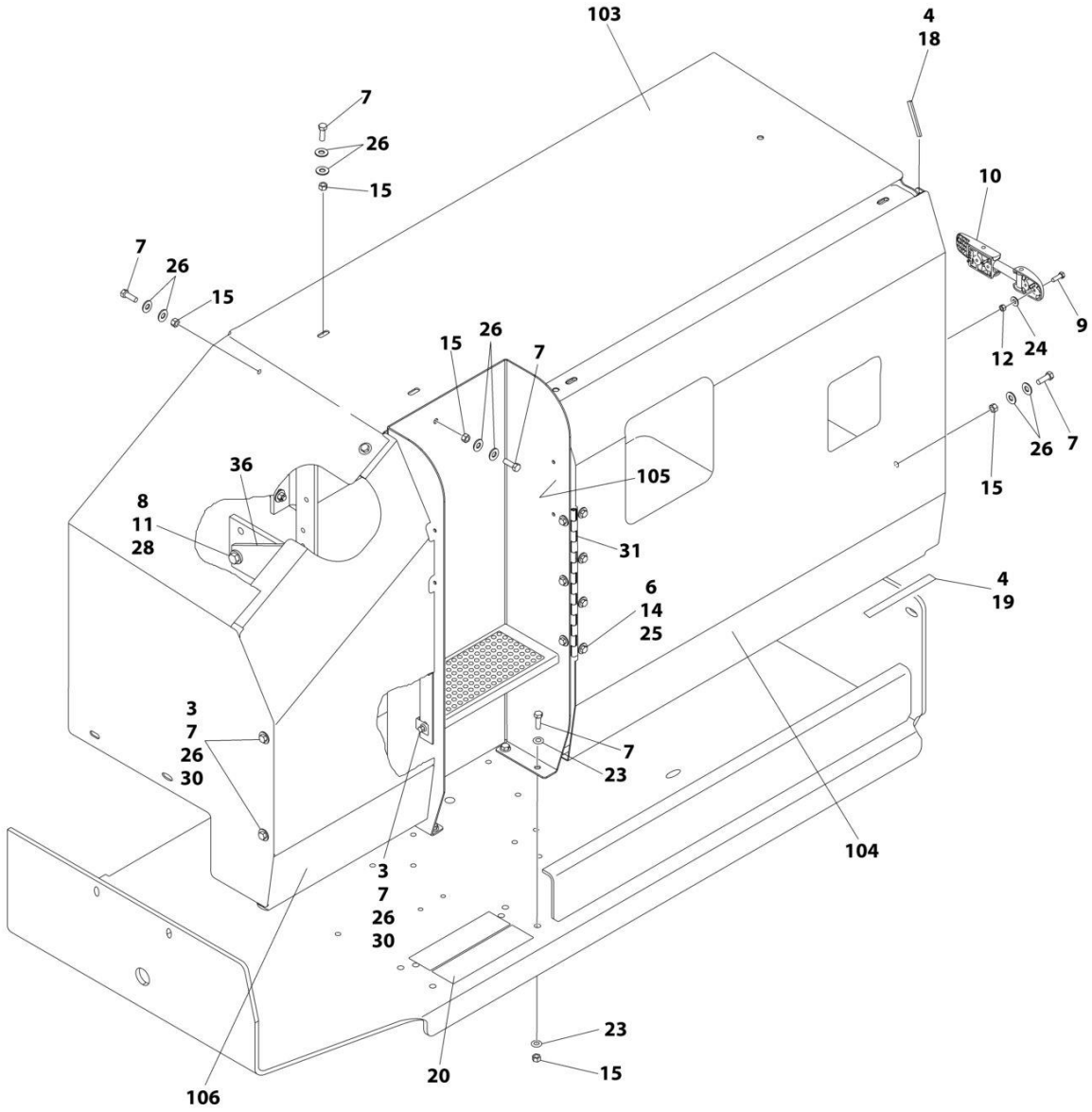

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FIGURE 2-42. HOODS AND COVERS INSTALLATION - DEUTZ D2011 AND GM ENGINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166503	Ref	HOODS AND COVERS INSTALLATION - DEUTZ D2011 AND GM ENGINE MACHINES	C
3	0100011	AR	Compound Locking	
4	0100081	AR	Adhesive	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	0641506	7	Bolt 5/16 x 3/4	
7	0641609	28	Bolt 3/8 x 1-1/8	
8	0681816	6	Bolt 1/2 x 2	
9	0721004	12	Bolt #10 x 1/2	
10	2940109	3	Latch	
11	3271805	6	Nut 1/2	
12	3311005	12	Nut #10	
13	3311405	4	Nut 1/4	
14	3311505	12	Nut 5/16	
15	3311605	19	Nut 3/8	
16	3340945	2	Pad, Slide	
17	3900290	3	Screw 3/8 x 1	
18	4060803	6 in/ 15cm	Flex - Trim	
19	4060805	1 ft/ .3m	Flex - Trim	
20	4420080	2	Tape, Tread	
21	4711400	4	Washer 1/4	
22	4711500	3	Washer 5/16	
23	4711600	11	Washer 3/8	
24	4750800	12	Washer #8	
25	4751500	14	Washer 5/16	
26	4751600	35	Washer 3/8	
27	4891600	4	Washer 3/8	
28	4891800	12	Washer 1/2	
29	8702156	1	Spring, Gas	
30	88662523	9	Nut Tinnerman	
31	1001096148	1	Hinge	
32	1001117140	AR	Tape, Aluminized	
33	1001165372	1	Support	
34	1001165377	1	Bracket	
35	1001165384	1	Bracket	
36	1001166248	1	Bracket	
37	1001166423	1	Insulation	
38	1001166424	1	Insulation	
39	1001166425	1	Insulation	
40	1001175556	1	Heat Shield	
41	1001175557	2	Heat Shield	
42	1001190697	2	Heat Shield	
100	1001191228	Ref	Hood, Kit (Not Shown)	
101	1001165374	1	Door	
102	1001165375	1	Hood, Hydraulic Side	
103	1001165376	1	Door	
104	1001166168	1	Hood	
105	1001166245	1	Ladder	
106	1001166247	1	Door	

FIGURE 2-43. HOODS AND COVERS INSTALLATION - DEUTZ D2.9L4 ENGINE MACHINES



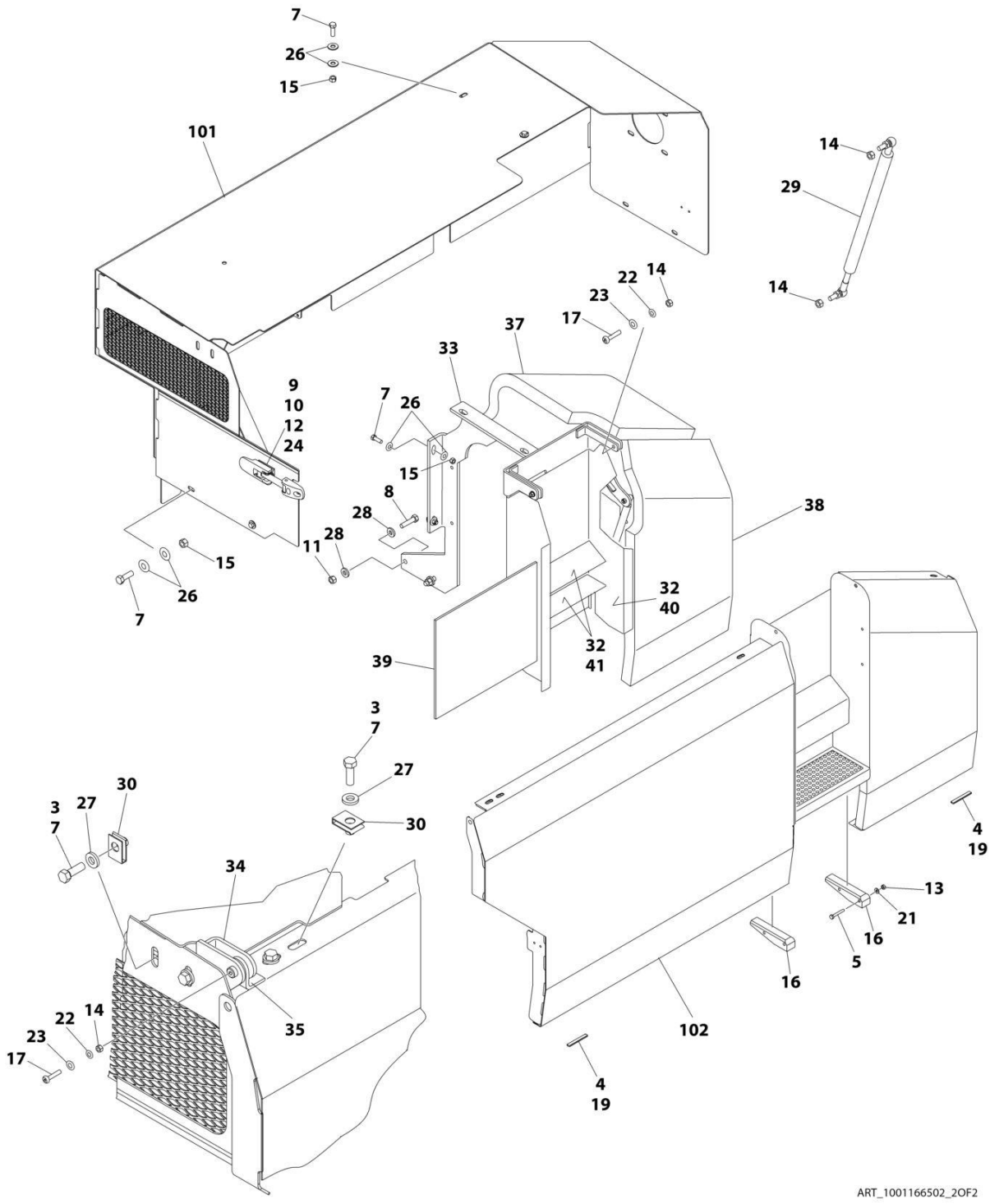

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FIGURE 2-43. HOODS AND COVERS INSTALLATION - DEUTZ D2.9L4 ENGINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166502	Ref	HOODS AND COVERS INSTALLATION - DEUTZ D2.9L4 ENGINE MACHINES	C
3	0100011	AR	Compound Locking	
4	0100081	AR	Adhesive	
5	0641414	4	Bolt 1/4 x 1-3/4	
6	0641506	7	Bolt 5/16 x 3/4	
7	0641609	28	Bolt 3/8 x 1-1/8	
8	0681816	6	Bolt 1/2 x 2	
9	0721004	12	Bolt #10 x 1/2	
10	2940109	3	Latch	
11	3271805	6	Nut 1/2	
12	3311005	12	Nut #10	
13	3311405	4	Nut 1/4	
14	3311505	12	Nut 5/16	
15	3311605	19	Nut 3/8	
16	3340945	2	Pad, Slide	
17	3900290	3	Screw 3/8 x 1	
18	4060803	6 in/ 15cm	Flex - Trim	
19	4060805	1 ft/ .3m	Flex - Trim	
20	4420080	2	Tape, Tread	
21	4711400	4	Washer 1/4	
22	4711500	3	Washer 5/16	
23	4711600	11	Washer 3/8	
24	4750800	12	Washer #8	
25	4751500	14	Washer 5/16	
26	4751600	35	Washer 3/8	
27	4891600	4	Washer 3/8	
28	4891800	12	Washer 1/2	
29	8702156	1	Spring, Gas	
30	88662523	9	Nut Tinnerman	
31	1001096148	1	Hinge	
32	1001117140	AR	Tape, Aluminized	
33	1001165372	1	Support	
34	1001165377	1	Bracket	
35	1001165384	1	Bracket	
36	1001166248	1	Bracket	
37	1001166423	1	Insulation	
38	1001166424	1	Insulation	
39	1001166426	1	Heat Shield	
40	1001175556	1	Heat Shield	
41	1001175557	2	Heat Shield	
100	1001191227	Ref	Hood, Kit (Not Shown)	
101	1001165373	1	Hood, Engine Side	
102	1001165374	1	Door	
103	1001165375	1	Hood, Hydraulic Side	
104	1001165376	1	Door	
105	1001166245	1	Ladder	
106	1001166247	1	Door	

FIGURE 2-44. LADDER INSTALLATION - 3394RT

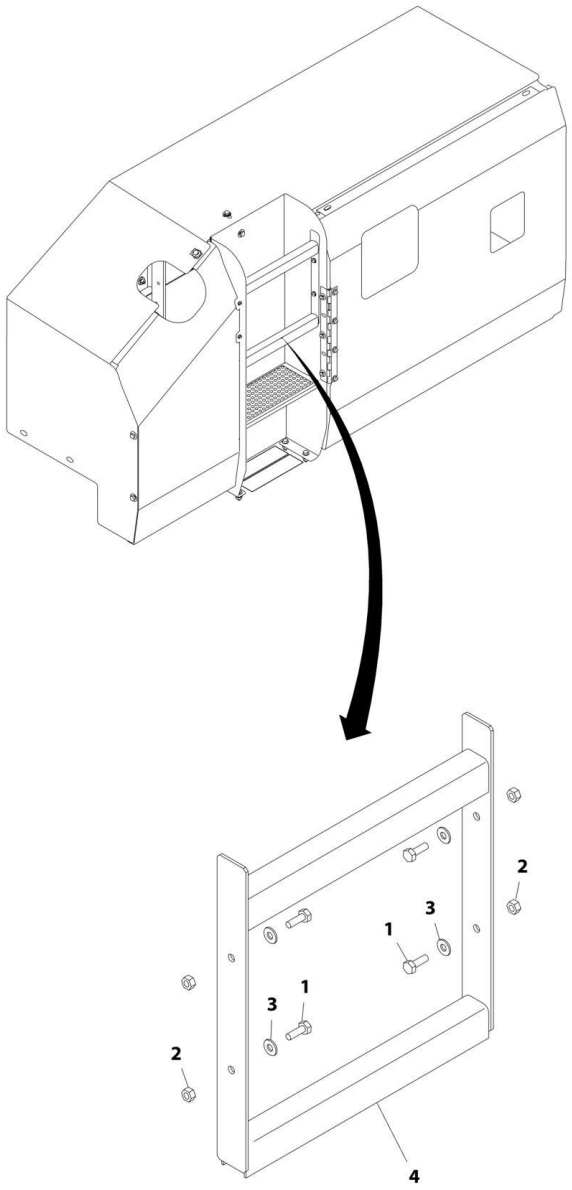


FIGURE 2-44. LADDER INSTALLATION - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001171284	Ref	LADDER INSTALLATION - 3394RT	B
1	0641406	8	Bolt 1/4 x 3/4	
2	3311405	8	Nut 1/4	
3	4711400	16	Washer 1/4	
4	1001171267	2	Ladder	

FIGURE 2-45. LADDER INSTALLATION - 4394RT

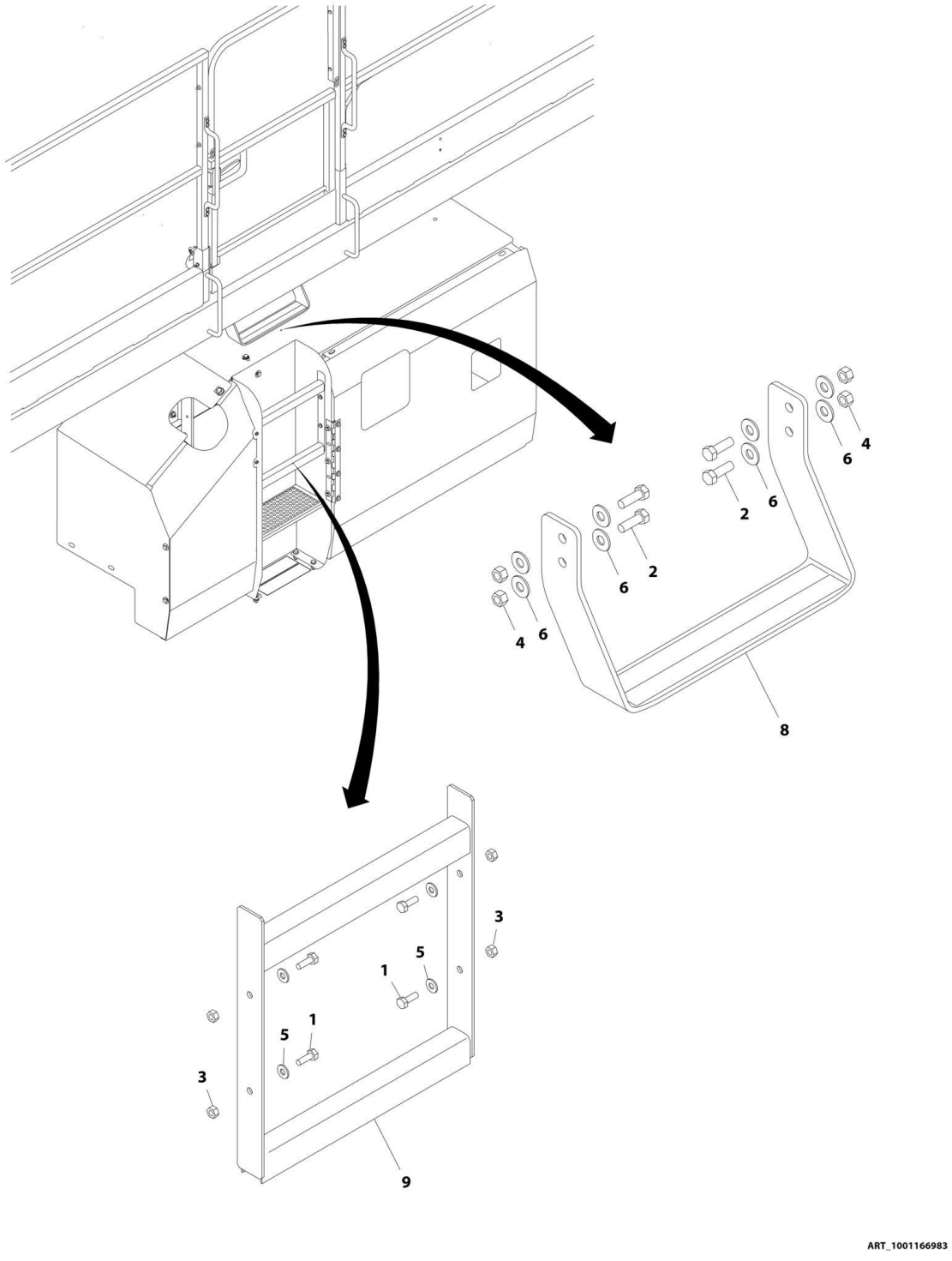


FIGURE 2-45. LADDER INSTALLATION - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166983	Ref	LADDER INSTALLATION - 4394RT	E
1	0641406	8	Bolt 1/4 x 3/4	
2	0641609	8	Bolt 3/8 x 1-1/8	
3	3311405	8	Nut 1/4	
4	3311605	8	Nut 5/16	
5	4711400	8	Washer 1/4	
6	4751600	16	Washer 3/8	
8	1001092410	2	Ladder	
9	1001171266	2	Ladder	

SECTION 3 - ENGINE

FIGURE 3-1. ENGINE INSTALLATION - DEUTZ D2011 ENGINE

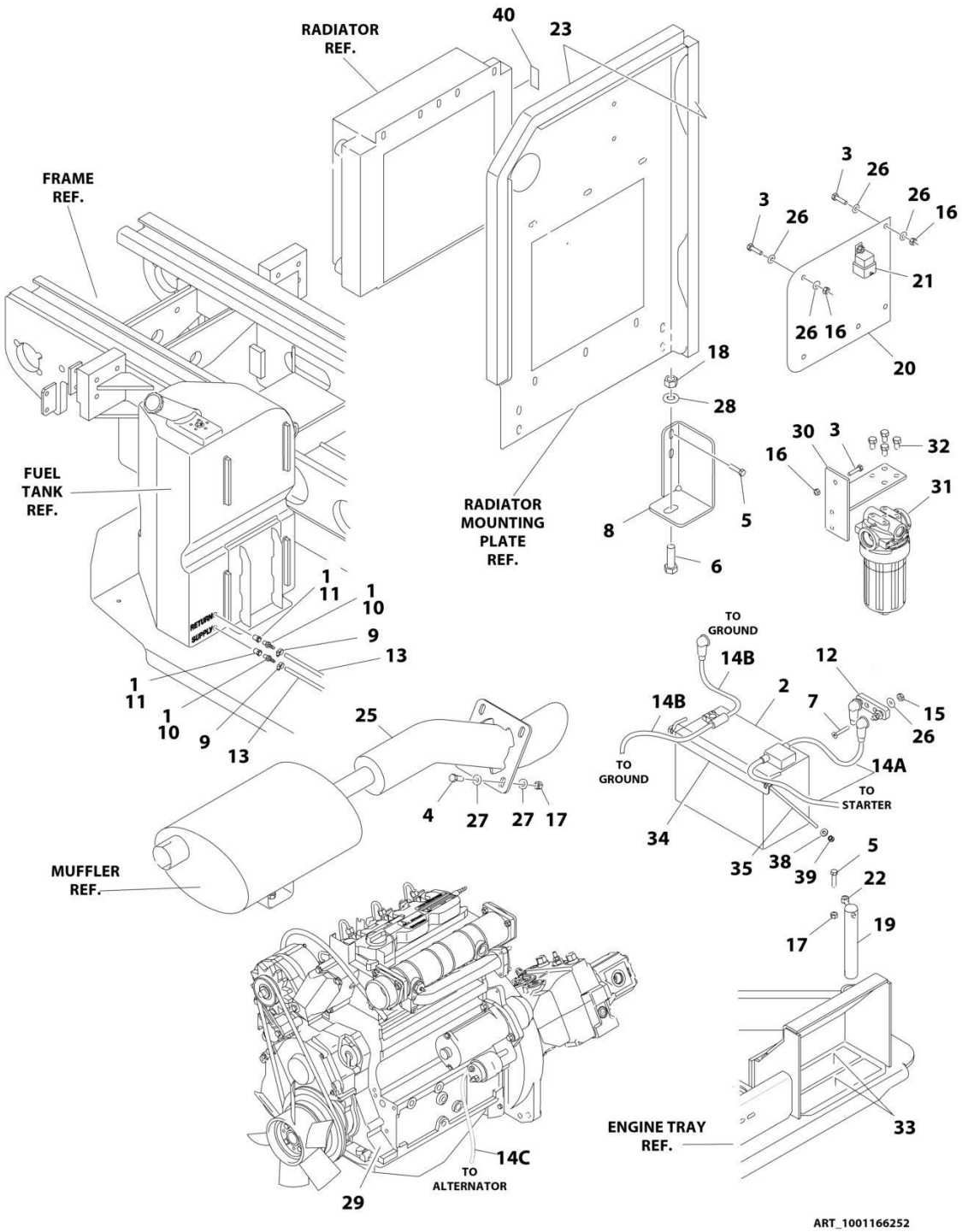


FIGURE 3-1. ENGINE INSTALLATION - DEUTZ D2011 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166252	Ref	ENGINE INSTALLATION - DEUTZ D2011 ENGINE	E
1	0100079	AR	Sealant, Pipe	
2	0400075	1	Battery	
3	0641408	9	Bolt 1/4 x 1	
4	0641608	4	Bolt 3/8 x 1	
5	0641612	3	Bolt 3/8 x 1-1/2	
6	0642016	1	Bolt 5/8 x 2	
7	0741010	2	Screw #10 x 1-1/4	
8	0902777	1	Bracket, Latch Mounting	
9	1320022	5	Clamp	
10	2180348	2	Fitting, Straight Barbed	
11	2220250	2	Fitting, Reducer	
12	2400044	1	Fuse, Mounting Block	
13	2720058	24 ft/7.3m	Hose	
14	2902132	1	Battery Cable Kit	C
14A	7024585	1	Cable, Battery (Red) (Battery + to Starter and Fuse Block) (Includes 3 Boots)	
14B	7024586	1	Cable, Battery (Black) (Battery to Ground and Fuse Block) (Includes 1 Boots)	
14C	7024587	1	Cable (Red) (Starter to Alternator)	
15	3300408	2	Nut	
16	3311405	9	Nut 1/4	
17	3311605	5	Nut 3/8	
18	3312005	1	Nut 5/8	
19	3422669	1	Pin **(SN 0200239053 through 0200249090)**	
19	3422582	1	Pin **(SN 0200249091 to Present)**	
20	3576003	1	Plate, EMR2 Mounting	
21	3740049	1	Relay	
22	3841143	1	Keeper, Pin	
23	3960468	2	Seal	
25	1001165702	1	Pipe, Exhaust	
26	4711400	14	Washer 1/4	
27	4711600	8	Washer 3/8	
28	4712000	1	Washer 5/8	
29	1001100775	1	Engine Assembly - Deutz D2011 (See ENGINE ASSEMBLY - DEUTZ D2011 for Breakdown)	
30	1001104356	1	Bracket, Filter	
31	1001102987	1	Charge Pump Filter Assembly	
31	70010383	1	Filter Element and O-Ring Kit	
32	0641605	4	Bolt 3/8 x 5/8	
33	4420080	2	Tape, Safety Tread Non-Skid Only	
34	91401281	1	Bracket, Battery Hold-down	
35	1001093382	2	Bolt, J-Bolt	
38	4751500	2	Washer 5/16	
39	88521205	1	Nut 5/16	
40	1704972	1	Decal - Warning Explosion/Fire (ANSI Export Spec)	
40	1706098	1	Decal - Warning Explosion/Fire (Australian and CE Specs)	
40	1706059	1	Decal - Warning Explosion/Fire (Brazil Spec - English/Portuguese)	
40	1706060	1	Decal - Warning Explosion/Fire (Chinese Spec - English/Chinese)	
40	1706061	1	Decal - Warning Explosion/Fire (Korean Spec - English/Korean)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
40	1706063	1	Decal - Warning Explosion/Fire (Latin American - English/Spanish)	

FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 ENGINE

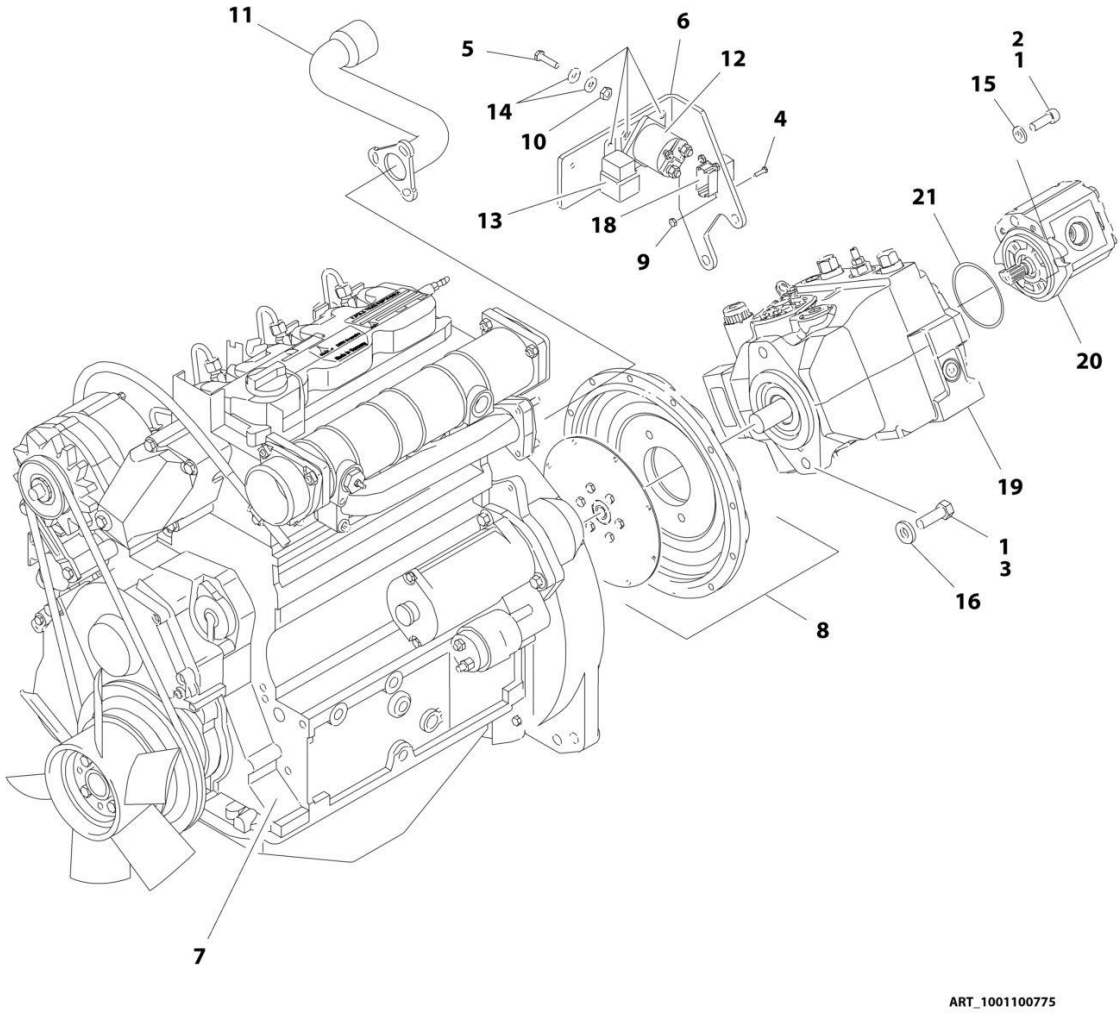


FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001100775	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2011 ENGINE	N
1	0100011	AR	Compound, Locking	
2	83191040	2	Capscrew M10 x 30	
3	0641814	2	Bolt 1/2 x 1-3/4	
4	0720805	4	Screw #8 x 5/8	
5	0721006	3	Screw #10 x 3/4	
6	0902812	1	Bracket, Relay Mounting	
7	1001104763	1	Engine Assembly - Deutz D2011 Engine (See ENGINE ASSEMBLY - DEUTZ D2011 ENGINE for Breakdown)	
8	2902065	1	Pump Coupling Kit (See PUMP COUPLING KIT for Breakdown)	
9	3310805	4	Nut #8	
10	3311005	3	Nut #10	
11	3460335	1	Pipe, Exhaust	
12	3740067	1	Relay	
13	3740080	1	Relay	
14	4751000	6	Washer #10	
15	4891600	2	Washer 3/8	
16	4891800	2	Washer 1/2	
17	4923386	1	Harness, Deutz Engine (Not Shown - See ELECTRICAL SECTION for Breakdown)	
18	4923478	1	Harness, Deutz Glow Plug	
19	1001101331	1	Piston Pump Assembly (See PISTON PUMP ASSEMBLY for Breakdown)	
20	1001101699	1	Gear Pump Assembly	
20	70002210	1	Seal Kit - 1001101699 Pump (Note: Seal Kit is only service component available.)	
21	3790152	1	O-Ring	

FIGURE 3-3. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE

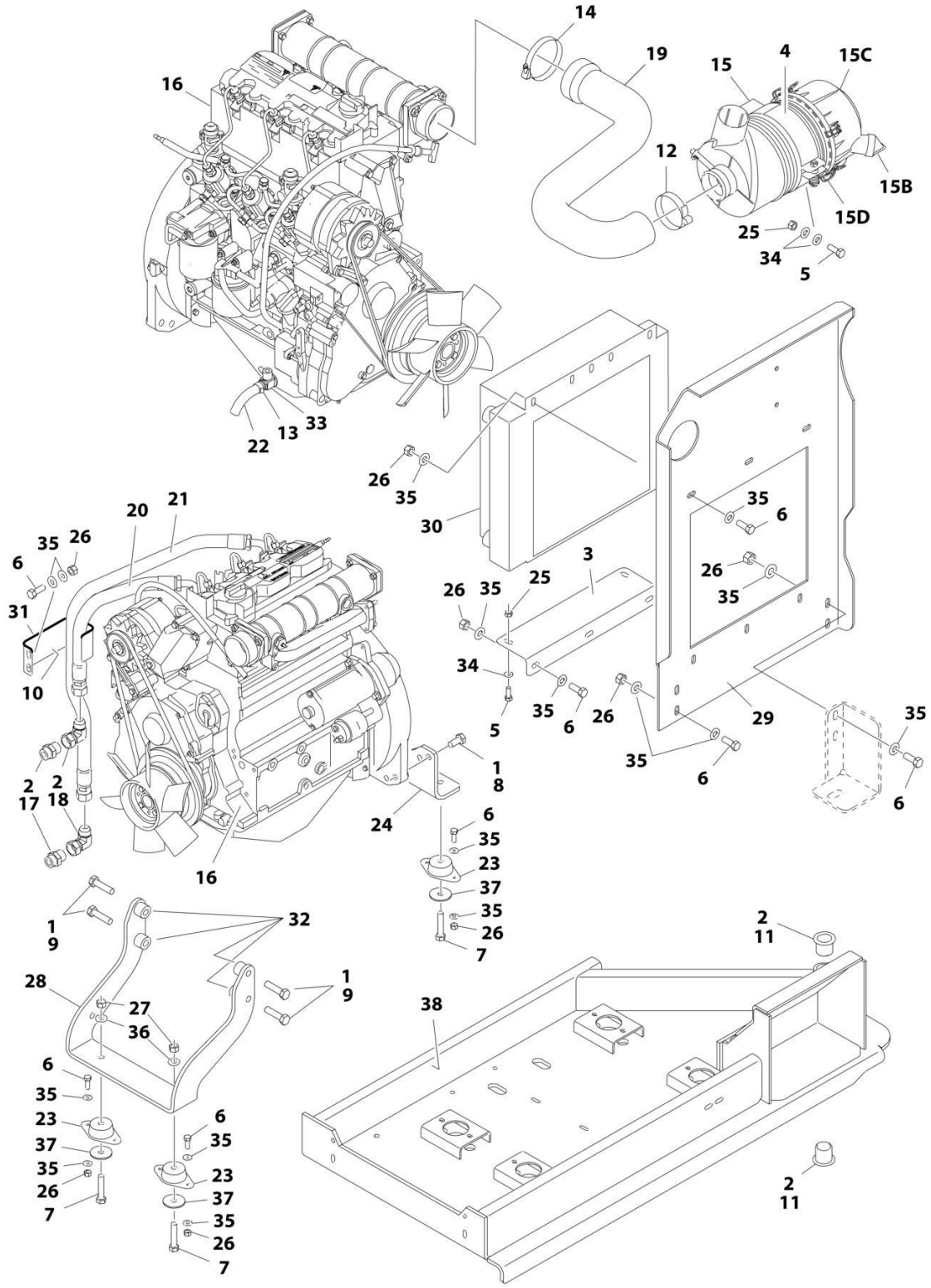


FIGURE 3-3. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104763	Ref	ENGINE ASSEMBLY - DEUTZ D2011 ENGINE	J
1	0100011	AR	Compound, Locking	
2	0100062	AR	Compound, Locking	
3	0182029	1	Angle, Support	
4	0340052	1	Band, Air Cleaner Mounting	
5	0641507	4	Bolt 5/16 x 7/8	
6	0641608	18	Bolt 3/8 x 1	
7	0641820	4	Bolt 1/2 x 2-1/2	
8	0701414	4	Bolt M14 x 30	
9	0701419	4	Bolt M14 x 55	
10	0902786	1	Bracket, Hose Guide	
11	0961986	2	Bushing, Flanged	
12	1320016	1	Clamp	
13	1320022	1	Clamp, Hose	
14	1320058	1	Clamp	
15	1340066	1	Air Cleaner Assembly	
15A	7024438	1	Element, Filter (Not Shown)	
15B	8273291	1	Valve, Actuator	
15C	70001787	1	Cover, Air Cleaner	
15D	70000263	1	Clip	
16	1001092724	1	Engine, Deutz D2011 (See ENGINE COMPONENTS for Breakdown)	
17	2220451	2	Fitting, Straight JIC/ORB	
18	2220655	2	Fitting, 90 JIC/JIC	
19	2720486	1	Hose, Air Cleaner	
20	2720494	1	Hose	
21	2720495	1	Hose	
22	2750532	1 ft/.3m	Hose	
23	3200378	4	Mount, Motor	
24	3200431	1	Plate, Motor Mounting (Rear)	
25	3311505	4	Nut 5/16	
26	3311605	20	Nut 3/8	
27	3311805	4	Nut 1/2	
28	3573288	1	Plate, Motor Mounting (Front)	
29	3573304	1	Plate, Oil Cooler Mounting	
30	3620043	1	Radiator	
31	4060803	4 in/9cm	Flex-Trim	
32	4568398	4	Tube, Spacer	
33	4640751	1	Valve	
34	4711500	4	Washer 5/16	
35	4711600	40	Washer 3/8	
36	4711800	4	Washer 1/2	
37	4740274	4	Washer, Snubbing	
38	1001104765	1	Tray, Engine	

FIGURE 3-4. ENGINE COMPONENTS - DEUTZ D2011 ENGINE

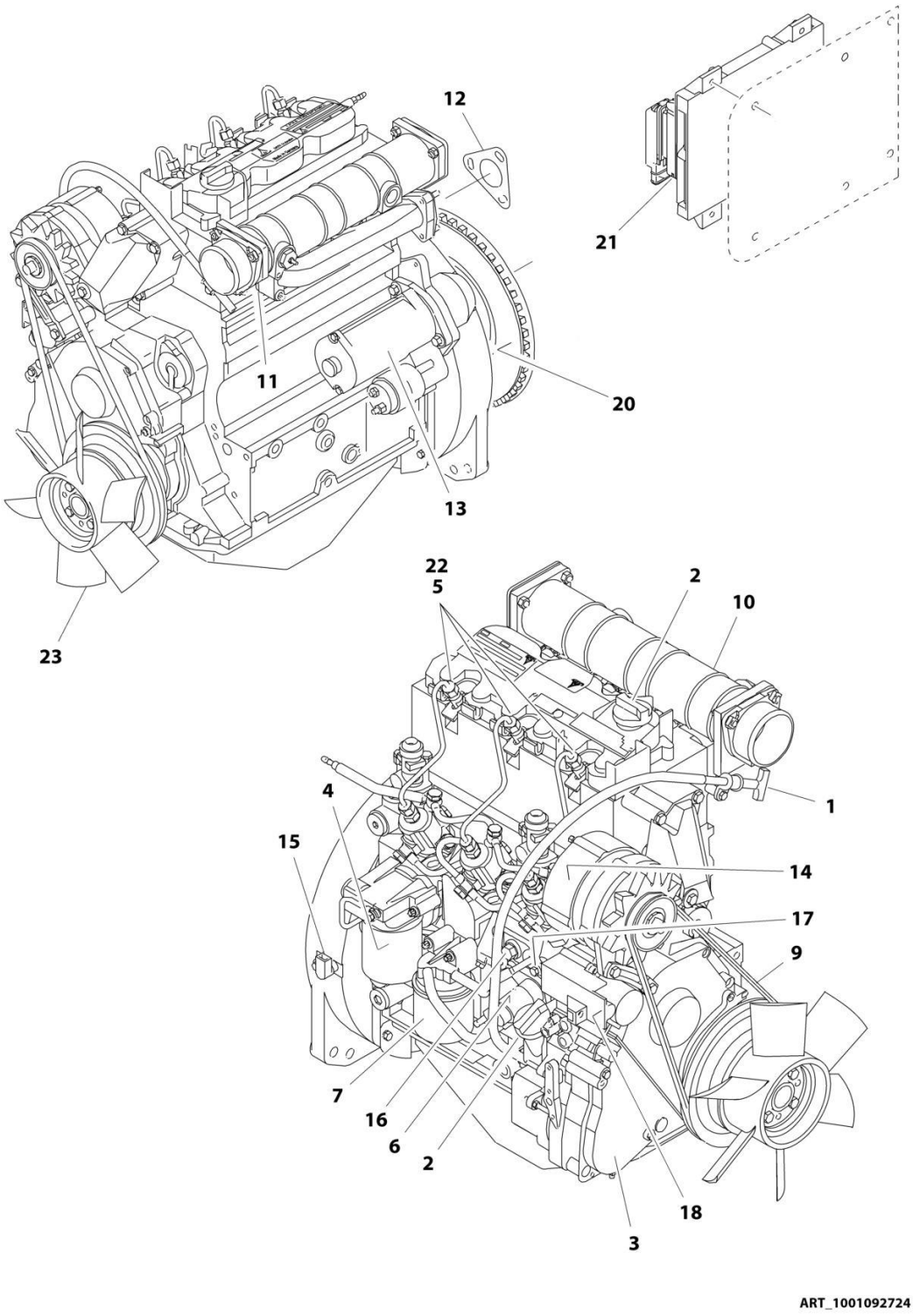


FIGURE 3-4. ENGINE COMPONENTS - DEUTZ D2011 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001092724	Ref	ENGINE COMPONENTS - DEUTZ D2011 ENGINE	E
1	7020026	1	Dipstick	
1	70001002	1	Housing, Dipstick	
2	7020465	2	Cap, Oil Fill	
3	7020495	1	Pump, Oil	
3	7020468	1	Ring, Seal (Oil Pump to Engine Block) (Not Shown)	
4	7016331	1	Filter, Oil	
5		Ref	Pump, Fuel Injection	
5	70000912	3	Pump, Fuel Injection - A	
5	70000913	3	Pump, Fuel Injection - B	
5	70000914	3	Pump, Fuel Injection - C	
5	70000915	3	Pump, Fuel Injection - D	
5	7020447	3	Gasket, Fuel Pump	
6	70000916	1	Pump, Fuel Supply	
6	70000917	1	O-Ring (Not Shown - Fuel Supply Pump to Engine Block)	
6	70000918	1	Ring, Sealing	
6	70000919	1	Handle, Pump	
6	70001435	1	Repair Kit - Fuel Supply Pump	
7	7020023	1	Filter, Spin-On Fuel	
7	7027245	1	Filter, In-Line Fuel (Not Shown)	
9	7020414	1	V-Belt	
10	7027903	1	Air Intake	
10	70001871	3	Gasket (Air Intake to Head)	
10	70003469	1	Flange (Located on End of Air Intake)	
10	70003468	1	O-Ring (Located on End of Air Intake)	
10	3960407	1	Gasket (Located on Breather Side of Air Intake)	
11	7020471	3	Gasket (Exhaust Manifold to Head)	
12	7020486	1	Gasket (Exhaust Manifold to Exhaust Pipe)	
13	7020479	1	Starter	
13	7026608	1	Relay/Solenoid, Starter	
14	7000663	1	Generator	
14	7020494	1	Regulator, Voltage	
15	7024565	1	Sensor, Speed Pick-up	
16	7027790	1	Sensor, Oil Pressure	
17	7027791	1	Sender, Engine Temperature (Located on RH Side of Engine Near #1 Fuel Injector)	
17	7027236	1	Sender, Engine Temperature (Not Shown - Located on RH Side of Engine Near Oil Filter)	
18	7027792	1	Actuator, Throttle	
18	7027276	1	Spring	
18	7027239	1	Solenoid, Throttle Start	
19	70003475	1	Thermostat (Not Shown - Located on RH Side of Engine)	
19	7020460	1	Spring, Thermostat (Not Shown - Located on RH Side of Engine)	
20	70001870	1	Flywheel	
20	7024579	1	Rim, Gear	
21	7027795	1	Deutz EMR2 Controller, Module	
22	70000345	3	Glow Plug	
23	70000783	1	Fan	
24		Ref	Gasket, Head Options (Not Shown):	
24	70003479	1	Gasket - 1 Notch	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
24	70003480	1	Gasket - 2 Notch	
24	70003481	1	Gasket - 3 Notch	
25	7020430	1	Gasket, Cylinder Head Cover (Not Shown)	

FIGURE 3-5. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)

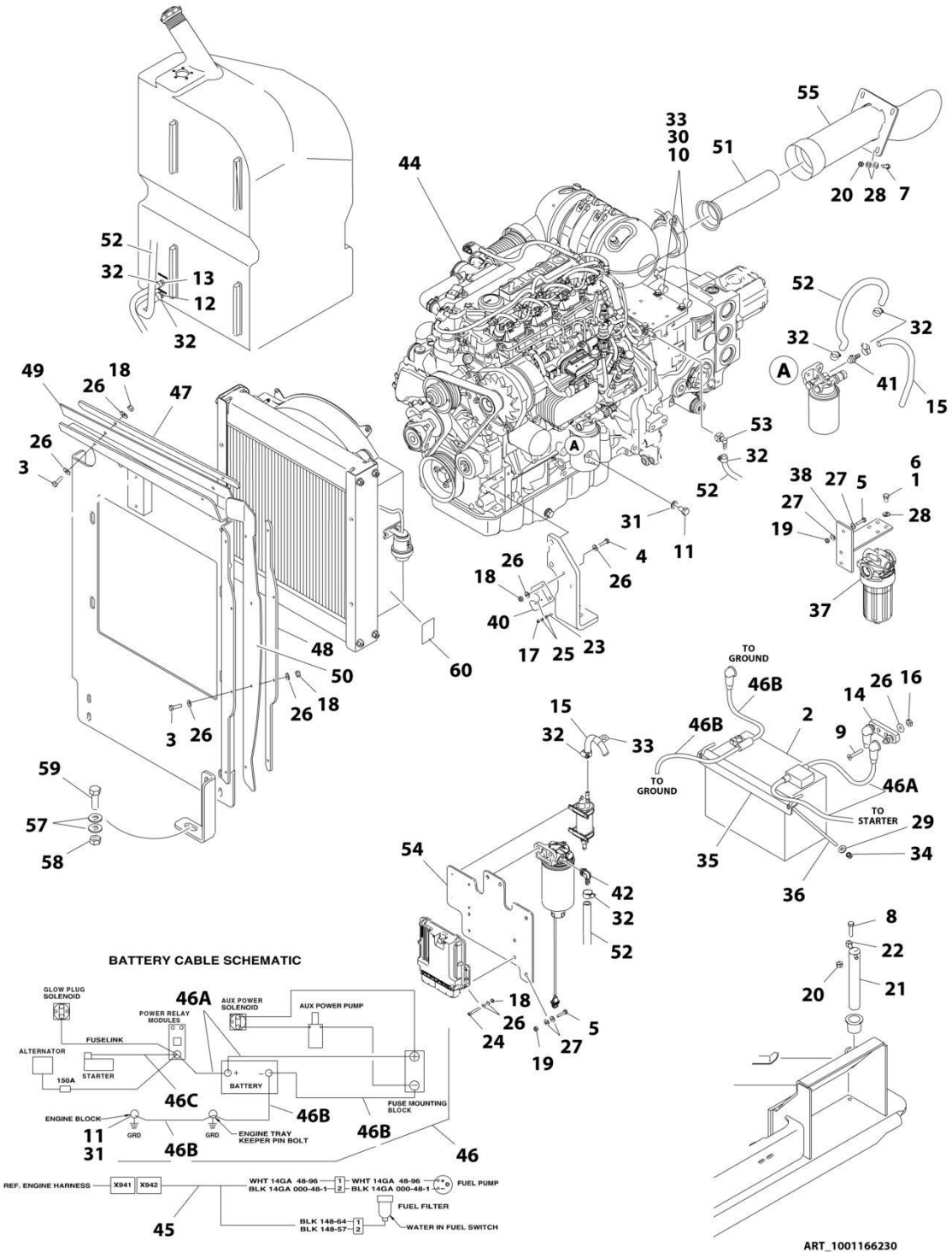


FIGURE 3-5. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166230	Ref	ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)	G
		Ref	Note: Uses RCP Radiator Components. See Special Options Section for machines with Modine Radiator)	
1	0100011	AR	Compound, Locking	
2	0400075	1	Battery	
3	0641407	6	Bolt 1/4 x 7/8	
4	0641408	2	Bolt 1/4 x 1	
5	0641509	5	Bolt 5/16 x 1-1/8	
6	0641605	4	Bolt 3/8 x 5/8	
7	0641608	4	Bolt 3/8 x 1	
8	0641612	1	Bolt 3/8 x 1-1/2	
9	0741010	2	Screw #10 x 1-1/4	
10	0760810	2	Bolt M8 x 20	
11	0771212	1	Bolt M12 x 25 Grade 10.9	
12	2220633	1	Fitting, Barbed	
13	2221114	1	Fitting, Barbed	
14	2400044	1	Fuse, Mounting Block	
15	1001165035	21 ft/6.4m	Hose	
16	3300408	2	Locknut with Nylon Insert	
17	3310401	3	Nut #4	
18	3311405	12	Nut 1/4	
19	3311505	5	Nut 5/16	
20	3311605	5	Nut 3/8	
21	3422669	1	Pin **(SN 0200239053 through 0200249090)**	
21	3422582	1	Pin **(SN 0200249091 to Present)**	
22	3841143	1	Keeper, Pin	
23	3910408	3	Screw #4 x 1/2	
24	0641409	4	Bolt 1/4 x 1-1/8	
25	4710400	6	Washer #4	
26	4711400	26	Washer 1/4	
27	4711500	10	Washer 5/16	
28	4711600	12	Washer 3/8	
29	4751500	2	Washer 5/16	
30	4811900	2	Washer M8	
31	4812100	1	Washer M12	
32	8405006	8	Clamp, Gear	
33	8406112	3	Clip	
34	88521205	2	Nut 5/16	
35	91401281	1	Bracket, Battery Hold-down	
36	1001093382	2	Bolt, J-Bolt	
37	1001102987	1	Charge Pump Filter Assembly	
37	70010383	1	Filter Element and O-Ring Kit	
38	1001104356	1	Bracket, Filter	
40	1001139240	1	Bracket	
41	1001141717	1	Fitting, Barbed	
42	1001142501	1	Fitting, Barbed 90	
44	1001146329	1	Engine and Pump Sub-Assembly (See ENGINE AND PUMP SUB-ASSEMBLY for Breakdown)	
45	1001147434	1	Harness, Fuel (See ELECTRICAL SECTION for Breakdown)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46	1001147435	1	Battery Cable Kit	B
46A	7027089	1	Cable, Battery (Red) (Battery + to Power Relay and Fuse Block) (Includes 3 Boots)	
46B	7027091	1	Cable, Battery (Black) (Battery to Pivot Pin Ground/Engine and Fuse Block) (Includes 1 Boots)	
46C	7027090	1	Cable (Red) (Power Relay to Starter)	
47	1001147571	1	Plate, Baffle	
48	1001147572	1	Plate, Baffle	
49	1001147629	1	Plate, Baffle	
50	1001147631	1	Plate, Baffle	
51	1001167174	1	Pipe, Exhaust	
52	1001154405	5.5 ft /1.7m	Hose	
53	1001155823	1	Coupling, 90	
54	1001165196	1	Bracket Assembly (Less Filter/Pump (See BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER) for Breakdown)	
55	1001165702	1	Tube, Exhaust	
57	4712000	2	Washer 5/8	
58	3312005	1	Nut 5/8	
59	0642014	1	Bolt 5/8 x 1-3/4	
60	1704972	1	Decal - Warning Explosion/Fire (ANSI and ANSI Export Specs)	
60	1706064	1	Decal - Warning Explosion/Fire (CSA Spec - French/English)	

FIGURE 3-6. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE

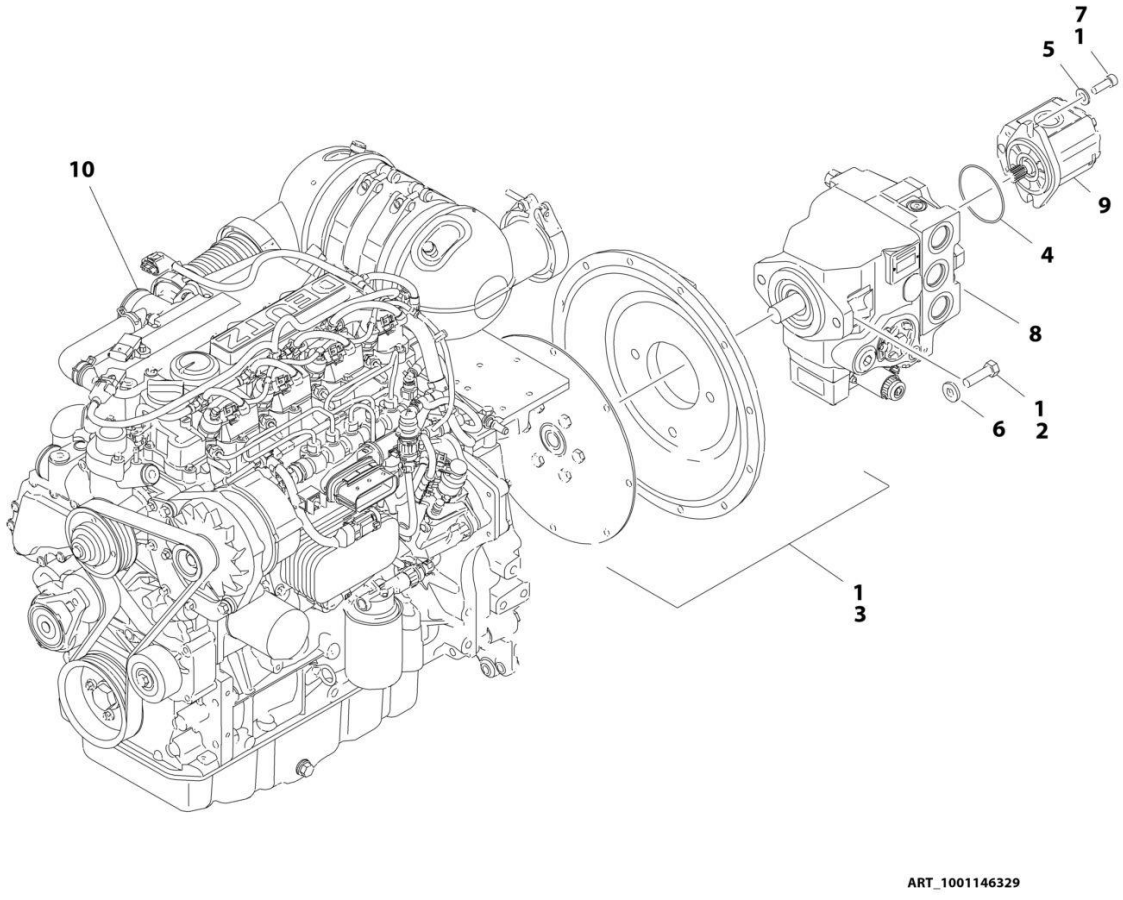
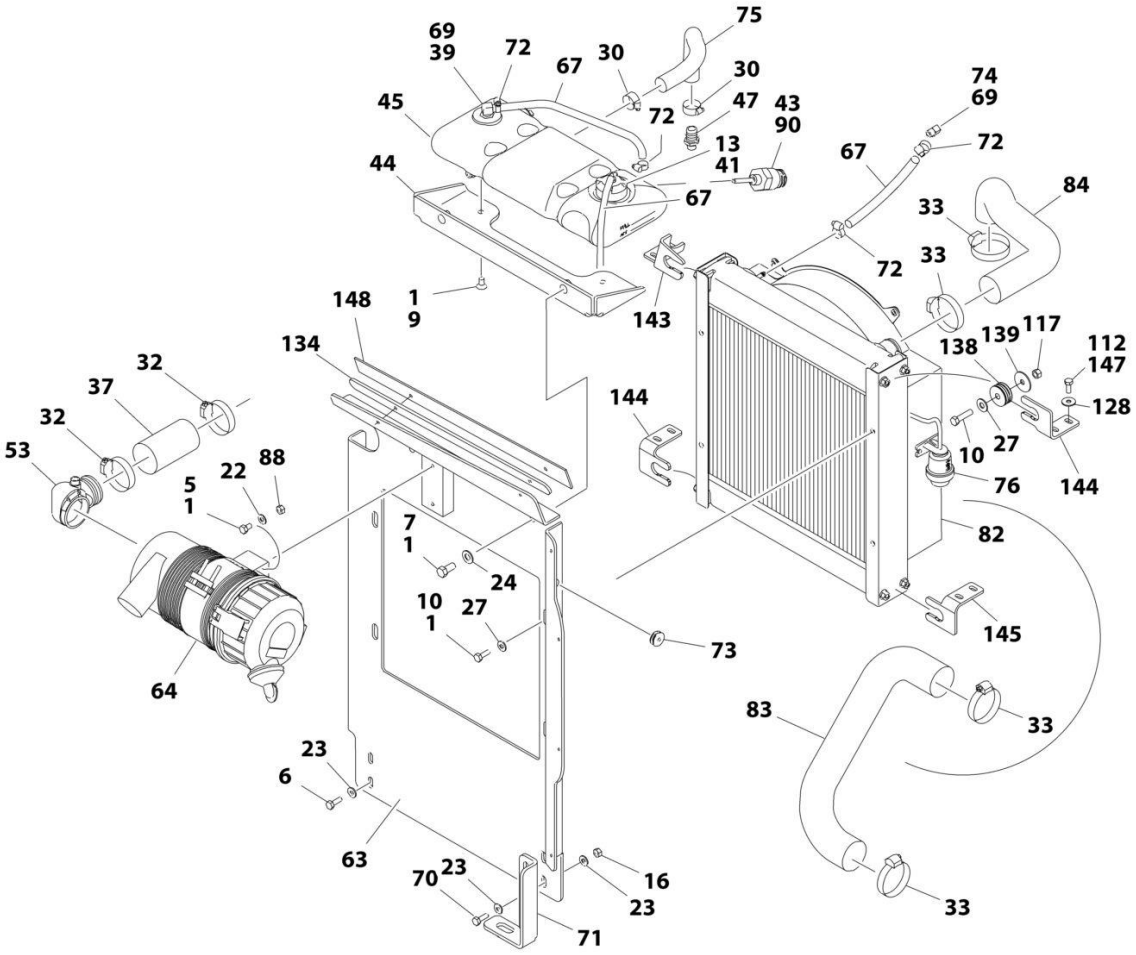
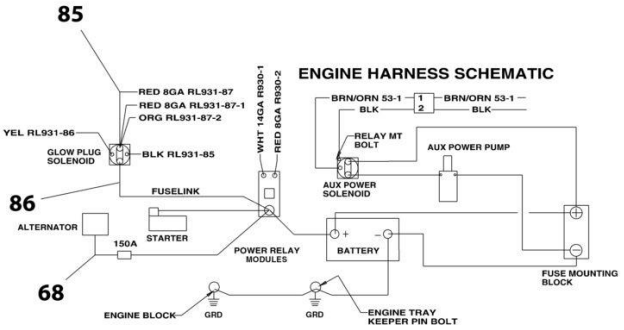


FIGURE 3-6. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146329	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)	K
		Ref	Note: Uses RCP Radiator Components. See Special Options Section for machines with Modine Radiator)	
1	0100011	AR	Compound, Locking	
2	0641814	2	Bolt 1/2 x 1-3/4	
3	2902065	1	Pump Coupling Kit (See PUMP COUPLING KIT for Breakdown)	
4	3790152	1	O-Ring	
5	4891600	2	Washer 3/8	
6	4891800	2	Washer 1/2	
7	83191040	2	Capscrew M10 x 30	
8	1001101331	1	Piston Pump Assembly (See PISTON PUMP ASSEMBLY for Breakdown)	
9	1001101699	1	Gear Pump Assembly	
9	70002210	1	Seal Kit - 1001101699 Pump (Note: Seal Kit is only service component available.)	
10	1001146327	1	Engine Assembly - Deutz D2.9L4 Engine (See ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE for Breakdown)	

FIGURE 3-7. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)





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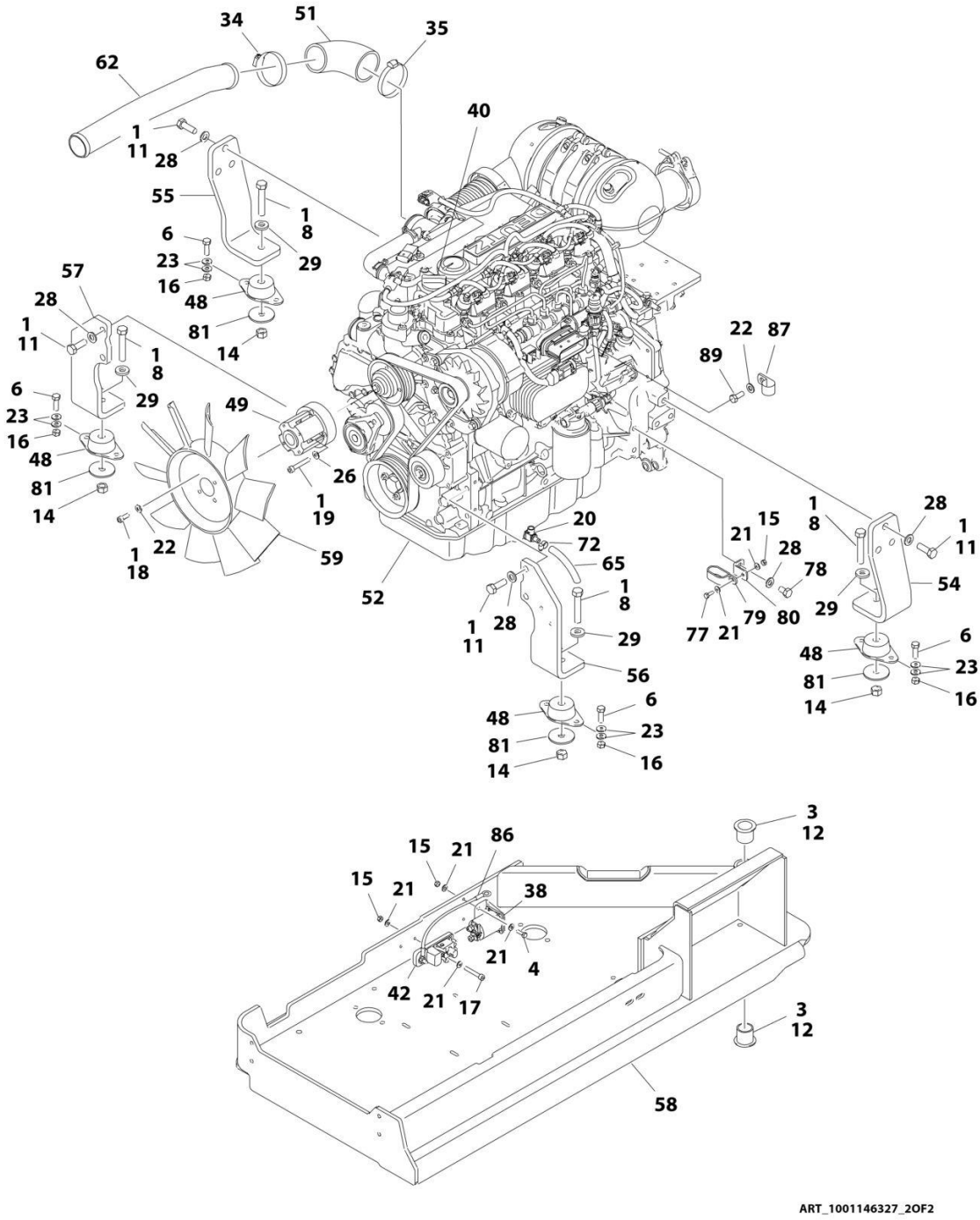

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ART_1001146327_2OF2

FIGURE 3-7. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001146327	Ref	ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITHOUT ARCTIC PACKAGE)	N
		Ref	Note: Uses RCP Radiator Components. See Special Options Section for machines with Modine Radiator)	
1	0100011	AR	Compound, Locking	
3	0100062	AR	Compound, Locking	
4	0641407	2	Bolt 1/4 x 7/8	
5	0641506	2	Bolt 5/16 x 3/4	
6	0641609	10	Bolt 3/8 x 1-1/8	
7	0641707	2	Bolt 7/16 x 7/8	
8	0681822	4	Bolt 1/2 x 2-3/4 Grade 8	
9	0741606	2	Screw 3/8 x 3/4	
10	0761008	AR	Bolt M10 x 16	
10	0641612	AR	Bolt 3/8 x 1-1/2	
11	0761215	10	Bolt M12 x 35	
12	0961986	2	Bushing, Flanged	
13	2300004	AR	Coolant	
14	3271801	4	Nut 1/2 Grade 8	
15	3311405	4	Nut 1/4	
16	3311605	12	Nut 3/8	
17	3931436	1	Capscrew 1/4 x 2-1/4	
18	3931512	4	Capscrew 5/16 x 3/4	
19	4031914	4	Bolt M8 x 50	
20	4640751	1	Valve, Oil Drain	
21	4711400	7	Washer 1/4	
22	4711500	7	Washer 5/16	
23	4711600	24	Washer 3/8	
24	4711700	2	Washer 7/16	
26	4811900	4	Washer M8	
27	4812002	AR	Washer M10	
27	4751600	AR	Washer 3/8	
28	4812100	11	Washer M12	
29	4891800	4	Washer 1/2	
30	8405007	2	Clamp, Gear	
32	8405104	2	Clamp, Gear	
33	8405201	4	Clamp, Gear	
34	8405202	1	Clamp, Gear	
35	8410011	1	Clamp, Gear	
37	91563070	1	Coupling, Hose	
38	1001117308	1	Relay	
39	1001134488	1	Fitting, 90 Barbed	
40	1001136079	AR	Oil, Motor	
41	1001136834	1	Cap, Tank	
42	1001138228	1	Relay, Power Module	
42	70023593	1	Fuse - 30Amp (Battery Output)	
42	70023592	1	Fuse - 20Amp (Switched Output)	
43	1001138827	1	Sensor, Coolant Level	
44	1001139303	1	Bracket (RCP Radiator)	
44	1001180314	1	Bracket (Modine Radiator)	
45	1001140535	1	Tank, Surge	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001143797	1	Fitting, Straight Barbed	
48	1001144112	4	Mount, Motor	
49	1001144116	1	Adapter	
51	1001145006	1	Hose	
52	1001145758	1	Engine, Deutz D2.9L4 (See ENGINE COMPONENTS for Breakdown)	
53	1001146043	1	Coupling, 90	
54	1001146356	1	Support, Engine	
55	1001146357	1	Support, Engine	
56	1001146358	1	Support, Engine	
57	1001146359	1	Support, Engine	
58	1001146360	1	Tray, Engine	
59	1001146396	1	Fan (RCP Radiator)	
59	1001165849	1	Fan (Modine Radiator)	
62	1001146517	1	Tube, Intake	
63	1001146616	1	Support, Radiator (RCP Radiator)	
63	1001179443	1	Support, Radiator (Modine Radiator)	
64	1001144113	1	Air Cleaner Assembly	
64	70003937	1	Element, Filter	
65	2720340	6 in/ 0.152m	Hose	
67	2720015	5.5 ft/ 1.67m	Hose	
68	1001143907	1	Cable, Alternator Power	
69	0100020	AR	Sealant, Pipe	
70	0641611	2	Bolt 3/8 x 1-3/8	
71	1001154334	1	Bracket	
72	8405009	5	Clamp, Gear	
73	1001111341	1	Grommet	
74	1001140564	1	Fitting, 90 Barbed	
75	1001155477	1	Hose	
76	1001144115	1	Indicator, Service	
77	0641406	1	Bolt 1/4 x 3/4	
78	0761210	1	Bolt M12 x 20	
79	1321716	1	Clamp	
80	1001148641	1	Bracket	
81	1001139409	4	Washer, Special	
82	1001155493	1	Radiator (RCP)	
82	1001167043	1	Radiator (Modine)	
83	1001155874	1	Hose (RCP Radiator)	
83	1001179432	1	Hose (Modine Radiator)	
84	1001155875	1	Hose (RCP Radiator)	
84	1001179431	1	Hose (Modine Radiator)	
85	1001145562	1	Harness, Engine (See ELECTRICAL SECTION for Breakdown)	
86	1001141304	1	Wire, Glow Fuse	
87	8406102	1	Clip	
88	3311508	2	Nut 5/16	
89	0760810	1	Bolt M8 x 20	
90	0100020	AR	Sealant, Pipe **(SN 0200239052 through 0200257310)**	
90	1001182997	AR	Adhesive **(SN 0200257311 to Present)**	
	1001200380	Ref	MODINE RADIATOR SERVICE KIT	B
112	0760810	8	Bolt M8 x 20	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
117	3311605	4	Nut 3/8	
128	4811902	8	Washer M8	
134	1001147571	1	Plate	
138	1001169054	4	Isolator	
139	1001169138	4	Washer	
143	1001179833	1	Bracket	
144	1001179834	2	Bracket	
145	1001179835	1	Bracket	
147	1001180620	AR	Adhesive	
148	1001197068	1	Panel, Baffle	

FIGURE 3-8. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)

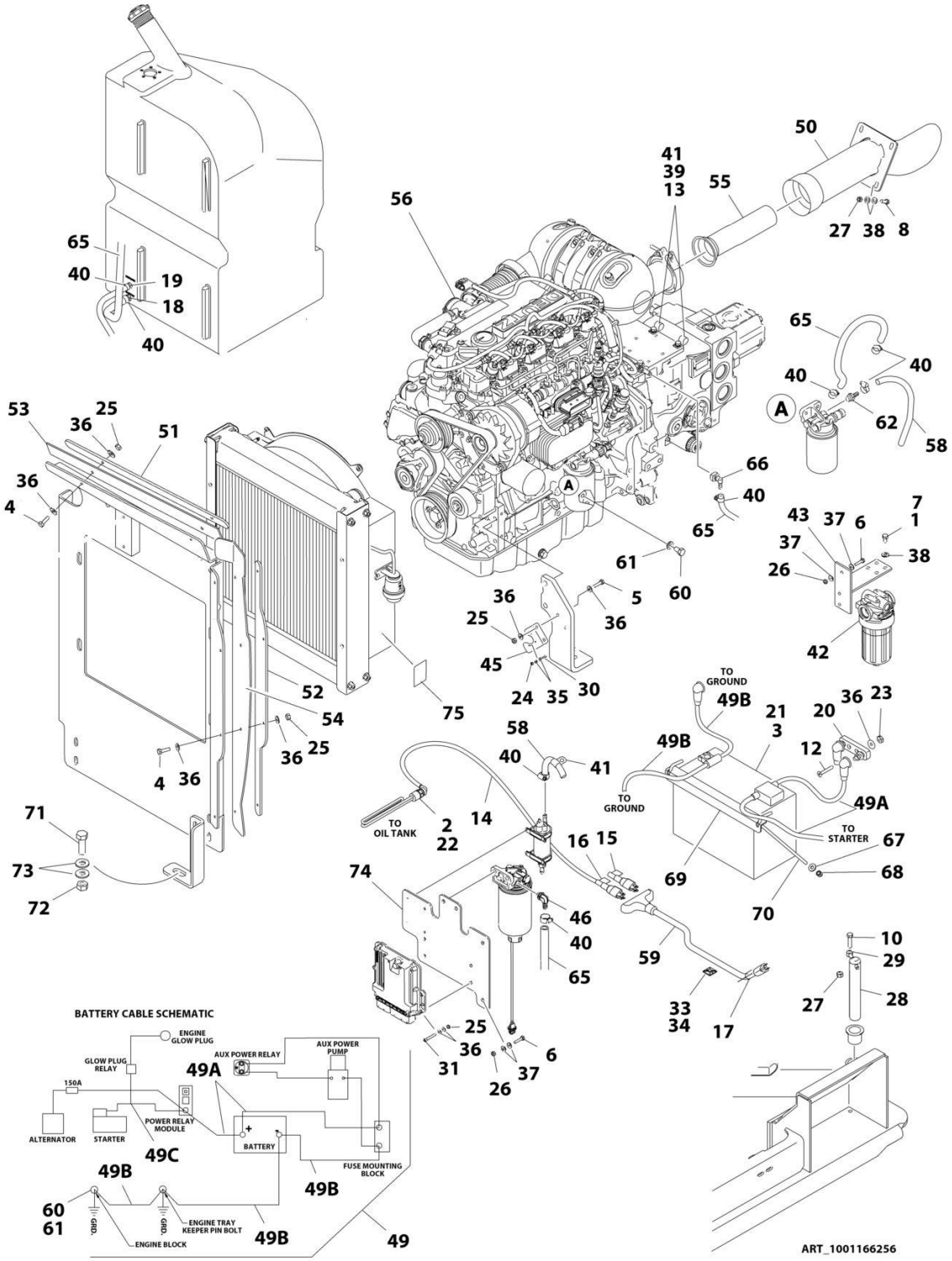


FIGURE 3-8. ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166256	Ref	ENGINE INSTALLATION - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)	H
		Ref	Note: Uses RCP Radiator Components. See Special Options Section for machines with Modine Radiator)	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0400075	1	Battery	
4	0641407	6	Bolt 1/4 x 7/8	
5	0641408	2	Bolt 1/4 x 1	
6	0641509	5	Bolt 5/16 x 1-1/8	
7	0641605	4	Bolt 3/8 x 5/8	
8	0641608	4	Bolt 3/8 x 1	
10	0641612	1	Bolt 3/8 x 1-1/2	
12	0741010	2	Screw #10 x 1-1/4	
13	0760810	2	Bolt M8 x 20	
14	1060625	1	Cable, Immersion Heater **(SN 0200239053 through 0200249097)**	
14	1001150918	1	Cable, Immersion Heater **(SN 0200249098 to Present)**	
15	1702941	1	Decal - Battery Heater	
16	1702943	1	Decal - Hydraulic Tank Heater	
17	1702944	1	Decal - Heater Cord	
18	2220633	1	Fitting, Barbed	
19	2221114	1	Fitting, Barbed	
20	2400044	1	Fuse, Mounting Block	
21	2580001	1	Heater, Battery	
22	2580050	1	Heater, Hydraulic Tank **(SN 0200239053 through 0200249097)**	
22	1001188972	1	Heater, Hydraulic Tank **(SN 0200249098 to Present)**	
23	3300408	2	Locknut with Nylon Insert	
24	3310401	3	Nut #4	
25	3311405	12	Nut 1/4	
26	3311505	5	Nut 5/16	
27	3311605	5	Nut 3/8	
28	3422669	1	Pin **(SN 0200239053 through 0200249090)**	
28	3422582	1	Pin **(SN 0200249091 to Present)**	
29	3841143	1	Keeper, Pin	
30	3910408	3	Screw #4 x 1/2	
31	0641409	4	Bolt 1/4 x 1-1/8	
33	4240099	1	Tie-Strap	
34	4460234	1	Mount, Tie-Strap	
35	4710400	6	Washer #4	
36	4711400	26	Washer 1/4	
37	4711500	10	Washer 5/16	
38	4711600	12	Washer 3/8	
39	4811900	2	Washer M8	
40	8405006	8	Clamp, Gear	
41	8406112	3	Clip	
42	1001102987	1	Charge Pump Filter Assembly	
42	70010383	1	Filter Element and O-Ring Kit	
43	1001104356	1	Bracket, Filter	
45	1001139240	1	Bracket	
46	1001142501	1	Fitting, Barbed 90	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001147435	1	Battery Cable Kit	B
49A	7027089	1	Cable, Battery (Red) (Battery + to Power Relay and Fuse Block) (Includes 3 Boots)	
49B	7027091	1	Cable, Battery (Black) (Battery to Pivot Pin Ground/Engine and Fuse Block) (Includes 1 Boots)	
49C	7027090	1	Cable (Red) (Power Relay to Starter)	
50	1001165702	1	Tube, Exhaust	
51	1001147571	1	Plate, Baffle	
52	1001147572	1	Plate, Baffle	
53	1001147629	1	Plate, Baffle	
54	1001147631	1	Plate, Baffle	
55	1001167174	1	Pipe, Exhaust	
56	1001148044	1	Engine and Pump Sub-Assembly (See ENGINE AND PUMP SUB-ASSEMBLY for Breakdown)	
58	1001165035	21 ft/6.4m	Hose	
59	1060626	1	Cord, 3-Way Extension	
60	0771212	1	Bolt M12 x 25 Grade 10.9	
61	4812100	1	Washer M12	
62	1001141717	1	Fitting, Barbed	
63	1001147434	1	Harness, Fuel (Not Shown - See ELECTRICAL SECTION for Breakdown)	
65	1001154405	5.5 ft /1.7m	Hose	
66	1001155823	1	Coupling, 90	
67	4751500	2	Washer 5/16	
68	88521205	2	Nut 5/16	
69	91401281	1	Bracket, Battery Hold-down	
70	1001093382	2	Bolt, J-Bolt	
71	0642014	1	Bolt 5/8 x 1-3/4	
72	3312005	1	Nut 5/8	
73	4712000	2	Washer 5/8	
74	1001165196	1	Bracket Assembly (Less Filter/Pump (See BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER) for Breakdown)	
75	1704972	1	Decal - Warning Explosion/Fire (ANSI and ANSI Export Specs)	
75	1706064	1	Decal - Warning Explosion/Fire (CSA Spec - French/English Specs)	

FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)

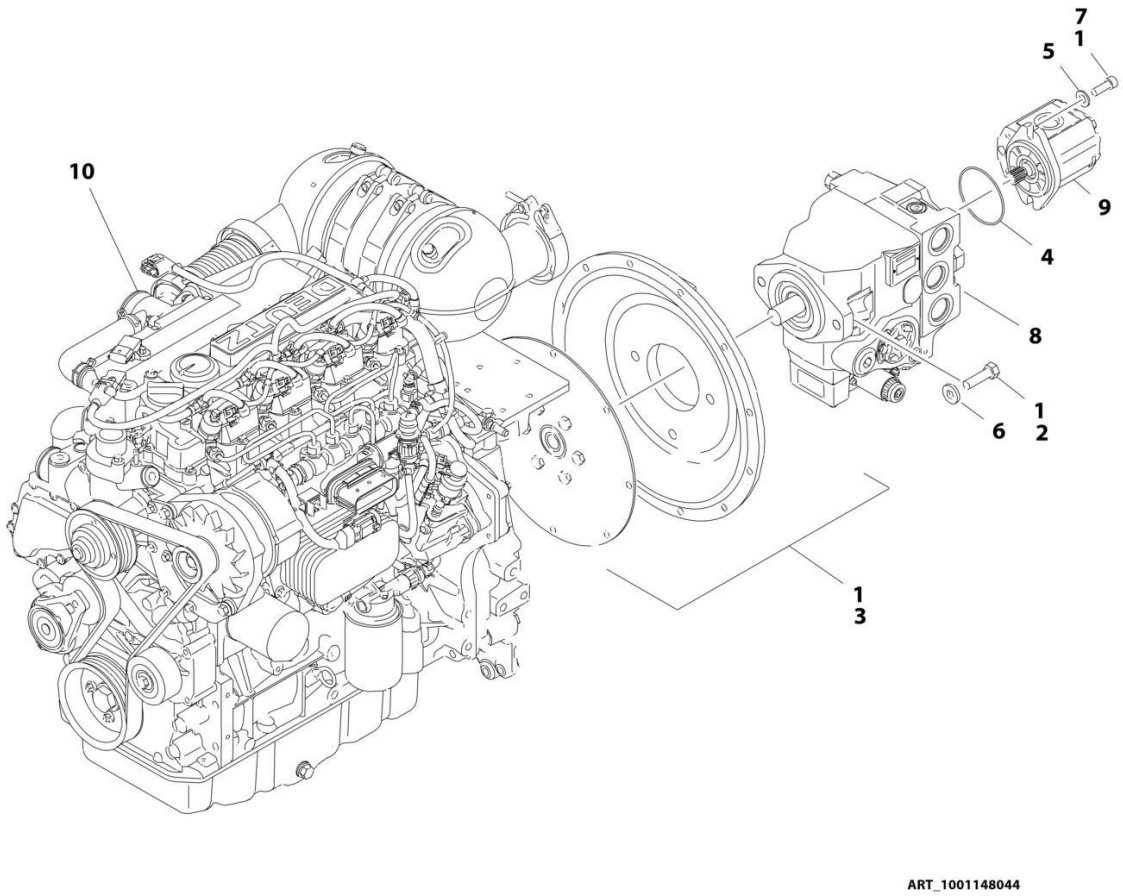
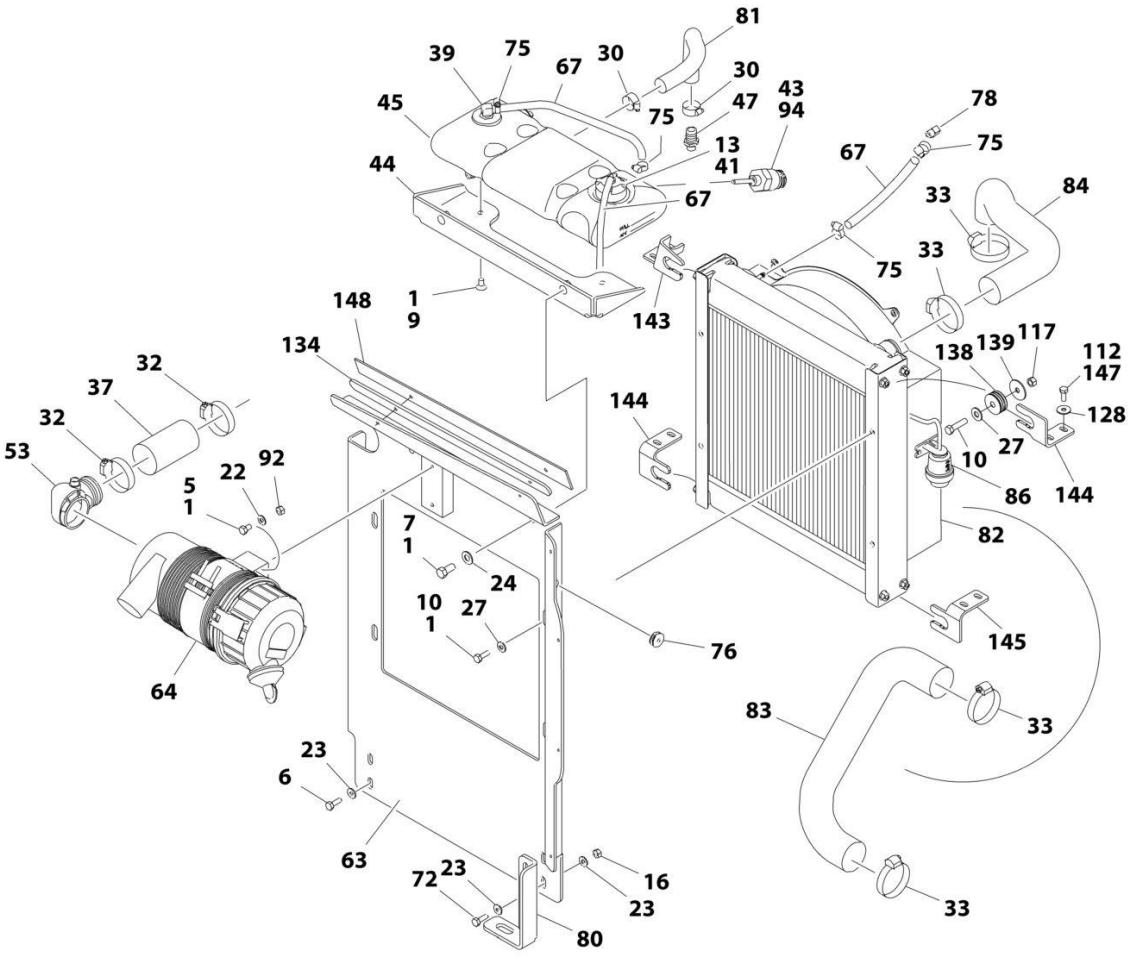
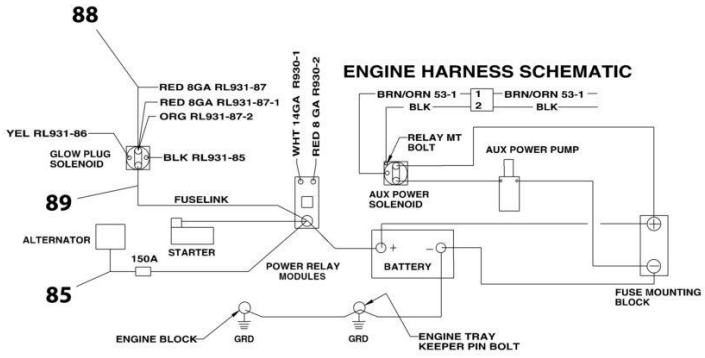


FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148044	Ref	ENGINE AND PUMP SUB-ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)	M
		Ref	Note: Uses RCP Radiator Components. See Special Options Section for machines with Modine Radiator)	
1	0100011	AR	Compound, Locking	
2	0641814	2	Bolt 1/2 x 1-3/4	
3	2902065	1	Pump Coupling Kit (See PUMP COUPLING KIT for Breakdown)	
4	3790152	1	O-Ring	
5	4891600	2	Washer 3/8	
6	4891800	2	Washer 1/2	
7	83191040	2	Capscrew M10 x 30	
8	1001101331	1	Piston Pump Assembly (See PISTON PUMP ASSEMBLY for Breakdown)	
9	1001101699	1	Gear Pump Assembly	
9	70002210	1	Seal Kit - 1001101699 Pump (Note: Seal Kit is only service component available.)	
10	1001148043	1	Engine Assembly - Deutz D2.9L4 Engine (See ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE for Breakdown)	

FIGURE 3-10. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)





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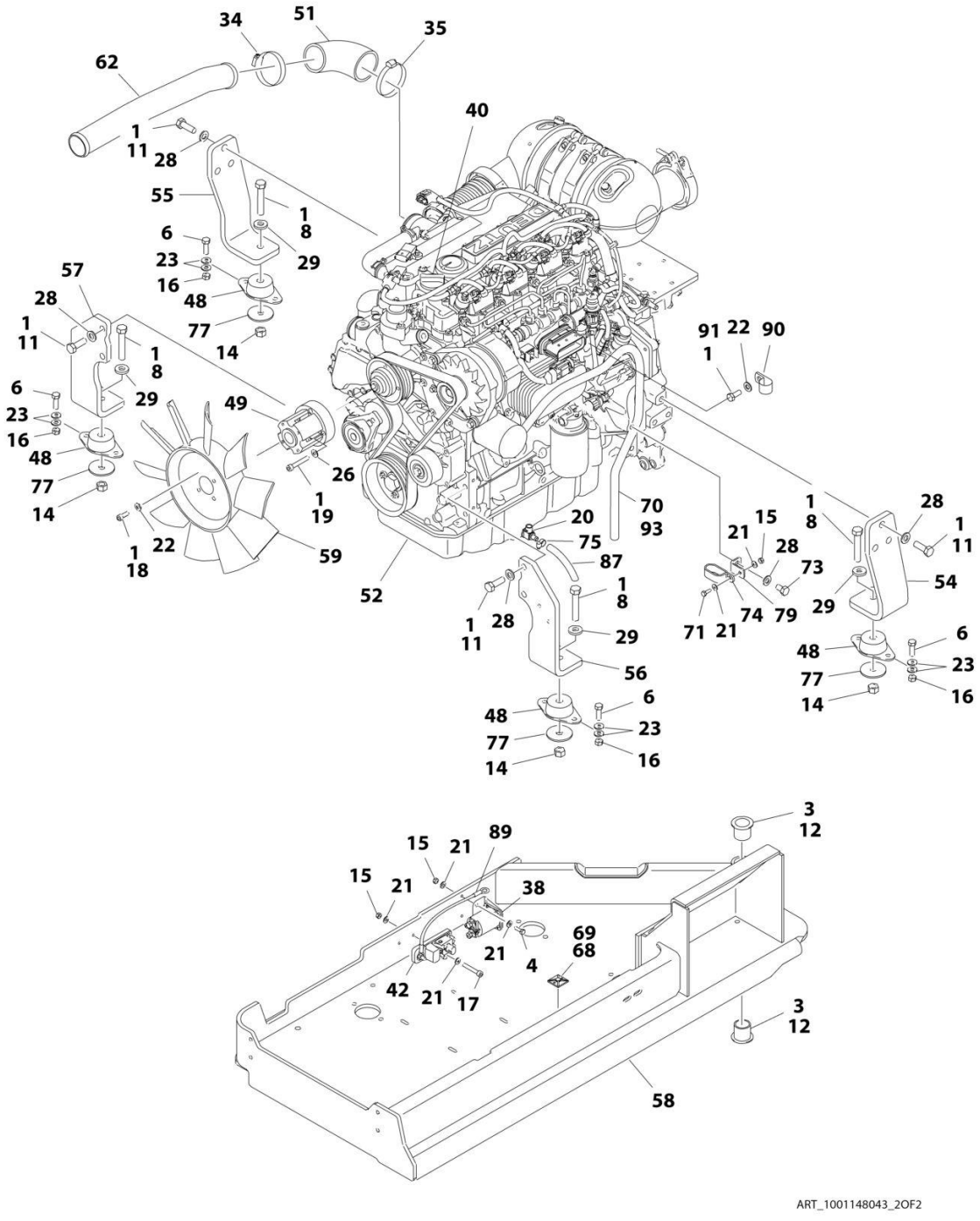

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ART_1001148043_2OF2

FIGURE 3-10. ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148043	Ref	ENGINE ASSEMBLY - DEUTZ D2.9L4 ENGINE (WITH ARCTIC PACKAGE)	P
		Ref	Note: Uses RCP Radiator Components. See Special Options Section for machines with Modine Radiator)	
1	0100011	AR	Compound, Locking	
3	0100062	AR	Compound, Locking	
4	0641407	2	Bolt 1/4 x 7/8	
5	0641506	2	Bolt 5/16 x 3/4	
6	0641609	10	Bolt 3/8 x 1-1/8	
7	0641707	2	Bolt 7/16 x 7/8	
8	0681822	4	Bolt 1/2 x 2-3/4 Grade 8	
9	0741606	2	Screw 3/8 x 3/4	
10	0761008	AR	Bolt M10 x 16	
10	0641612	AR	Bolt 3/8 x 1-1/2	
11	0761215	10	Bolt M12 x 35	
12	0961986	2	Bushing, Flanged	
13	2300041	1	Coolant	
14	3271801	4	Nut 1/2 Grade 8	
15	3311405	4	Nut 1/4	
16	3311605	12	Nut 3/8	
17	3931436	1	Capscrew 1/4 x 2-1/4	
18	3931512	4	Capscrew 5/16 x 3/4	
19	4031914	4	Bolt M8 x 50	
20	4640751	1	Valve, Oil Drain	
21	4711400	7	Washer 1/4	
22	4711500	7	Washer 5/16	
23	4711600	24	Washer 3/8	
24	4711700	2	Washer 7/16	
26	4811900	4	Washer M8	
27	4812002	AR	Washer M10	
27	4751600	AR	Washer 3/8	
28	4812100	11	Washer M12	
29	4891800	4	Washer 1/2	
30	8405007	2	Clamp, Gear	
32	8405104	2	Clamp, Gear	
33	8405201	4	Clamp, Gear	
34	8405202	1	Clamp, Gear	
35	8410011	1	Clamp, Gear	
37	91563070	1	Coupling, Hose	
38	1001117308	1	Relay	
39	1001134488	1	Fitting, 90 Barbed	
40	1001136172	2.4 gal /9L	Oil, Motor	
41	1001136834	1	Cap, Tank	
42	1001138228	1	Relay, Power Module	
42	70023593	1	Fuse - 30Amp (Battery Output)	
42	70023592	1	Fuse - 20Amp (Switched Output)	
43	1001138827	1	Sensor, Coolant Level	
44	1001139303	1	Bracket (RCP Radiator)	
44	1001180314	1	Bracket (Modine Radiator)	
45	1001140535	1	Tank, Surge	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001143797	1	Fitting, Straight Barbed	
48	1001144112	4	Mount, Motor	
49	1001144116	1	Adapter	
51	1001145006	1	Hose	
52	1001145758	1	Engine, Deutz D2.9L4 (See ENGINE COMPONENTS for Breakdown)	
53	1001146043	1	Coupling, 90	
54	1001146356	1	Support, Engine	
55	1001146357	1	Support, Engine	
56	1001146358	1	Support, Engine	
57	1001146359	1	Support, Engine	
58	1001146360	1	Tray, Engine	
59	1001146396	1	Fan (RCP Radiator)	
59	1001165849	1	Fan (Modine Radiator)	
62	1001146517	1	Tube, Intake	
63	1001146616	1	Support, Radiator (RCP Radiator)	
63	1001179443	1	Support, Radiator (Modine Radiator)	
64	1001144113	1	Air Cleaner Assembly Filter Element	
67	2720015	5.5 ft/ 1.67m	Hose	
68	4240099	1	Tie-Strap	
69	4460234	1	Mount, Tie-Strap	
70	1001140312	1	Heater, Engine Block	
71	0641406	1	Bolt 1/4 x 3/4	
72	0641611	2	Bolt 3/8 x 1-3/8	
73	0761210	1	Bolt M12 x 20	
74	1321716	1	Clamp	
75	8405009	5	Clamp, Gear	
76	1001111341	1	Grommet	
77	1001139409	4	Washer, Special	
78	1001140564	1	Fitting, 90 Barbed	
79	1001148641	1	Bracket	
80	1001154334	1	Bracket	
81	1001155477	1	Hose	
82	1001155493	1	Radiator (RCP)	
82	1001167043	1	Radiator (Modine)	
83	1001155874	1	Hose (RCP Radiator)	
83	1001179432	1	Hose (Modine Radiator)	
84	1001155875	1	Hose (RCP Radiator)	
84	1001179431	1	Hose (Modine Radiator)	
85	1001143907	1	Cable, Alternator Power	
86	1001144115	1	Indicator, Service	
87	2720340	6 in/ 0.152m	Hose	
88	1001145562	1	Harness, Engine (See ELECTRICAL SECTION for Breakdown)	
89	1001141304	1	Wire, Glow Fuse	
90	8406102	1	Clip	
91	0760810	1	Bolt M8 x 20	
92	3311508	2	Nut 5/16	
93	1001181895	AR	Adhesive	
94	1001182997	AR	Adhesive **(SN 0200257311 to Present)**	
	1001200380	Ref	MODINE RADIATOR SERVICE KIT	B

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
112	0760810	8	Bolt M8 x 20	
117	3311605	4	Nut 3/8	
128	4811902	8	Washer M8	
134	1001147571	1	Plate	
138	1001169054	4	Isolator	
139	1001169138	4	Washer	
143	1001179833	1	Bracket	
144	1001179834	2	Bracket	
145	1001179835	1	Bracket	
147	1001180620	AR	Adhesive	
148	1001197068	1	Panel, Baffle	

FIGURE 3-11. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE

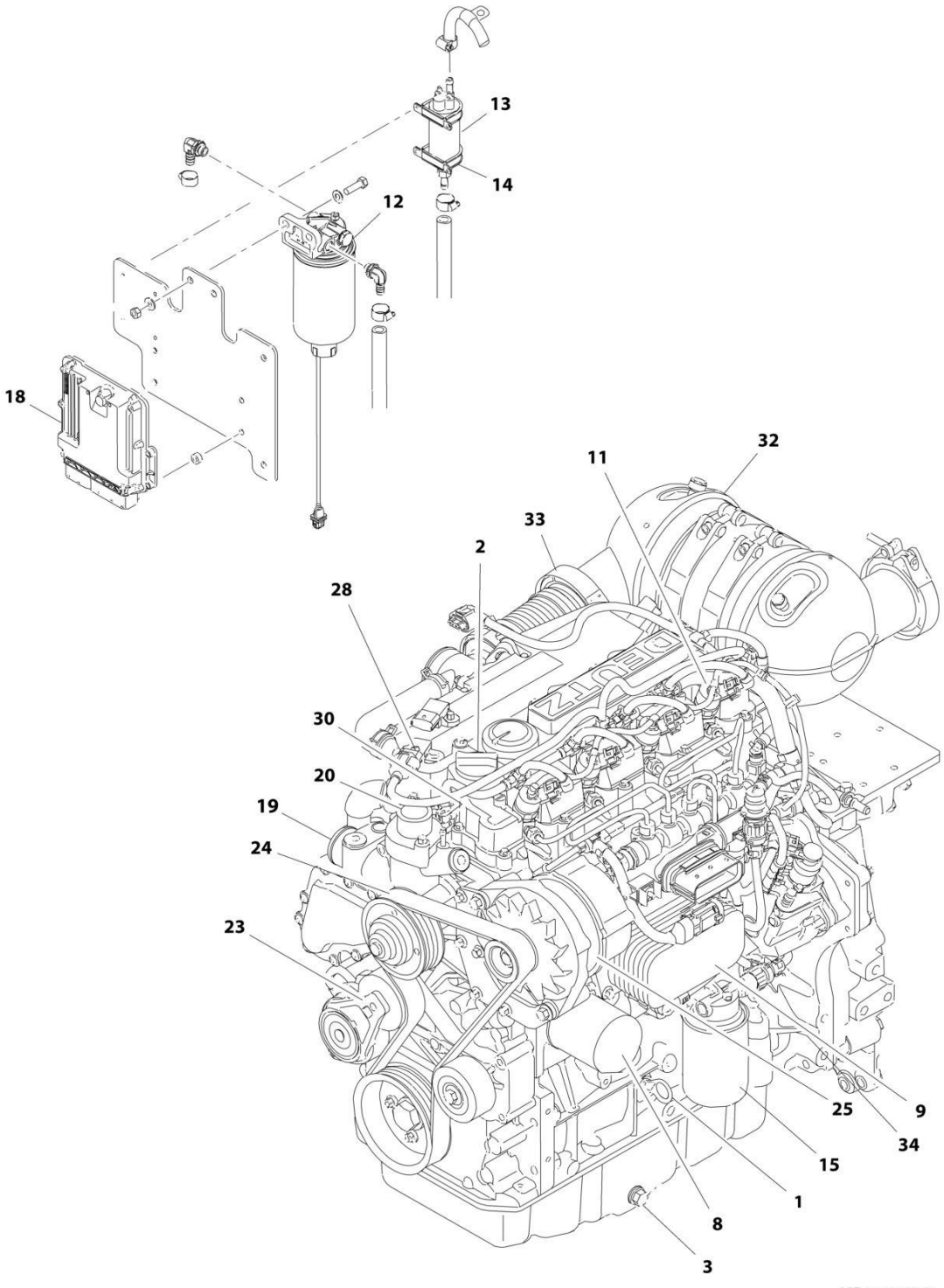


FIGURE 3-11. ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145758	Ref	ENGINE COMPONENTS - DEUTZ D2.9L4 ENGINE	I
1	70004274	1	Dipstick (Not Shown - Located On Side Left Front)	
1	70024905	1	Seal	
2	7020465	2	Cap, Oil Fill	
3	70025088	1	Plug	
3	7020404	1	Seal	
4	70001870	1	Flywheel with Ring Gear (Not Shown)	
4	7024579	1	Gear, Ring	
5		Ref	Gasket and Seal Options (Not Shown):	
5	70024906	1	Gasket, Head	
5	70025206	1	Gasket, Small Valve Cover	
5	70025207	1	Gasket, Large Valve Cover	
5	70025208	1	Gasket, Valve Cover to Air Charge Elbow	
5	70002718	1	Seal, Rear Main	
5	70004281	1	Seal, Front Main	
5	70024907	1	Gasket, Front Cover	
5	70025164	1	Gasket, Exhaust Manifold to Head	
5	70025179	1	Gasket, Pipe/Line/Lead to EGR Module	
5	70025180	1	Gasket, Pipe/Line/Lead to EGR Module	
5	70004279	1	Gasket Kit	
6	70025091	1	Plug (Not Shown - Located On Side Left Front)	
6	70025082	1	Seal	
6	70025176	1	Spring	
6	70025076	1	Valve	
7	70025202	1	Pump, Oil Lube (Not Shown - Located Front Left Side)	
7	70025135	1	O-Ring	
7	70025136	1	Seal	
8	7016641	1	Filter, Oil	
9	70004275	1	Cooler, Oil	
9	70024925	1	Gasket	
10	70024924	1	Pump, High Pressure (Not Shown - Located Front Left Side)	
10	70025152	1	O-Ring (Between Pump and Spacer)	
10	70024488	1	Spacer	
10	70024517	1	O-Ring (Between Spacer and Engine Block)	
11	70004281	4	Injector, Fuel	
11	70025140	4	Washer, Sealing	
11	70025146	4	Clamp (Top of Injector)	
11	70025145	4	O-Seal	
11	70025154	4	Shoe, Clamping	
11	70000345	4	Plug, Glow	
11	70025231	1	Harness, Glow Plug (Not Shown)	
12	70025153	NLA	Filter, Fuel (Use p/n 1001225430)	
12	70024961	1	Filter with Head	
12	70025154	1	Filter, Fuel	
12	70024513	1	Cable, Sensor	
12	70025239	1	Seal	
13	70024486	1	Pump, Fuel	
14	70025144	2	Clamp	
15	70025160	1	Filter with Head	
15	70025161	NLA	Filter, Fuel (Use p/n 1001225431)	

SECTION 3 - ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
15	70024504	1	Sensor, Pressure	
15	70024920	1	Seal	
17	70025151	1	Rail, Fuel (Not Shown)	
17	70025235	1	Repair Kit	
18	70025210	1	ECU (Engine Control Unit)	
19	70024910	1	Pump, Water	
19	70025200	1	Seal	
19	70025084	2	Plug	
19	7020492	2	Seal	
20	70024473	1	Thermostat	
20	70025143	1	O-Seal	
20	70025142	1	Cover, Thermostat	
21	70025177	1	Pipe (Not Shown)	
21	70025179	2	Gasket	
22	70004283	1	Module, EGR (Not Shown - Located on Left Side)	
23	70025477	1	Tensioner, Belt	
24	70004277	1	Belt, Drive	
25	70024914	1	Alternator	
25	70025149	1	Regulator, Voltage	
26	70024915	1	Starter (Not Shown - Located on Left Side)	
27	70025231	1	Harness, Glow Plug (Not Shown)	
27	70004284	1	Harness, Engine (Not Shown)	
28	70024507	1	Sensor, Pressure	
28	70025120	1	Seal	
29	70024916	2	Sensor, Speed (Not Shown - Located Left Side Front and Flywheel Housing)	
29	70024917	2	Seal	
30	70024918	1	Sender, Temperature	
31	70024504	1	Sensor, Pressure (Not Shown - Located Left Side Front)	
31	70024920	1	Seal	
32	70005446	1	Muffler	
33	70025242	1	Clamp, Exhaust	
33	70025241	1	Gasket, Exhaust (Muffler Inlet to Compensator)	
34	70124530	1	Valve, Pressure Relief	
34	70124538	1	Spring, Compression	
34	70104570	1	Ring, Sealing	
34	70025660	1	Screw	

FIGURE 3-12. BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER)

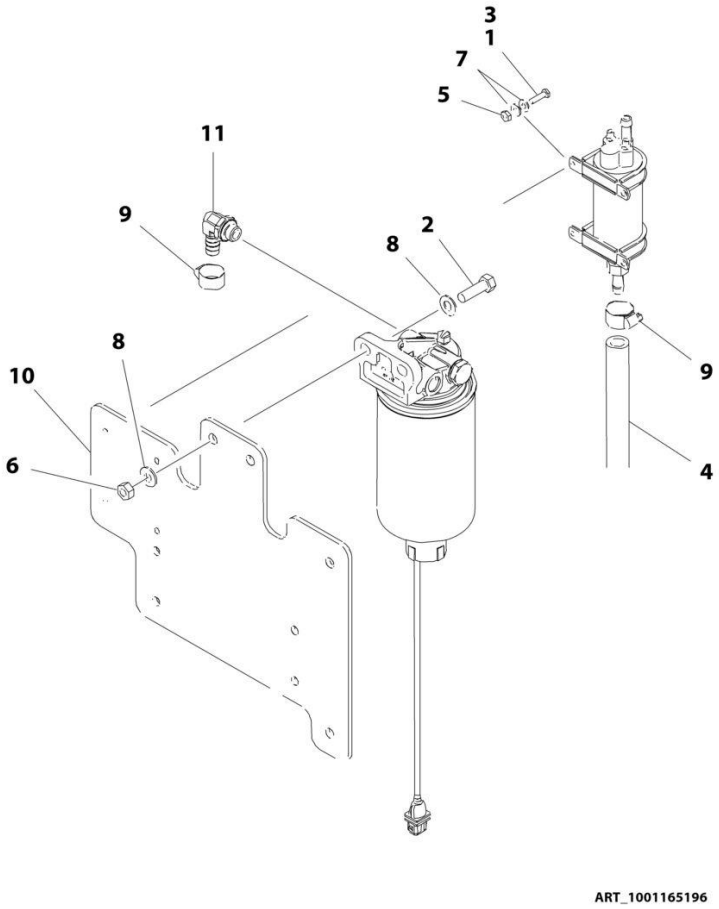


FIGURE 3-12. BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001165196	Ref	BRACKET ASSEMBLY (LESS FUEL PUMP AND FILTER)	E
1	0100011	AR	Compound, Locking	
2	0641611	2	Bolt 3/8 x 1-3/8	
3	0721006	4	Bolt #10 x 3/4	
4	1001154405	1.5 ft /0.4m	Hose	
5	3311001	4	Nut #10	
6	3311605	2	Nut 3/8	
7	4711000	8	Washer #10	
8	4711600	4	Washer 3/8	
9	8405006	2	Clamp	
10	1001146974	1	Plate, Fuel Pump Mount	
11	1001142501	1	Fitting, Elbow Barbed	

FIGURE 3-13. PUMP COUPLING KIT

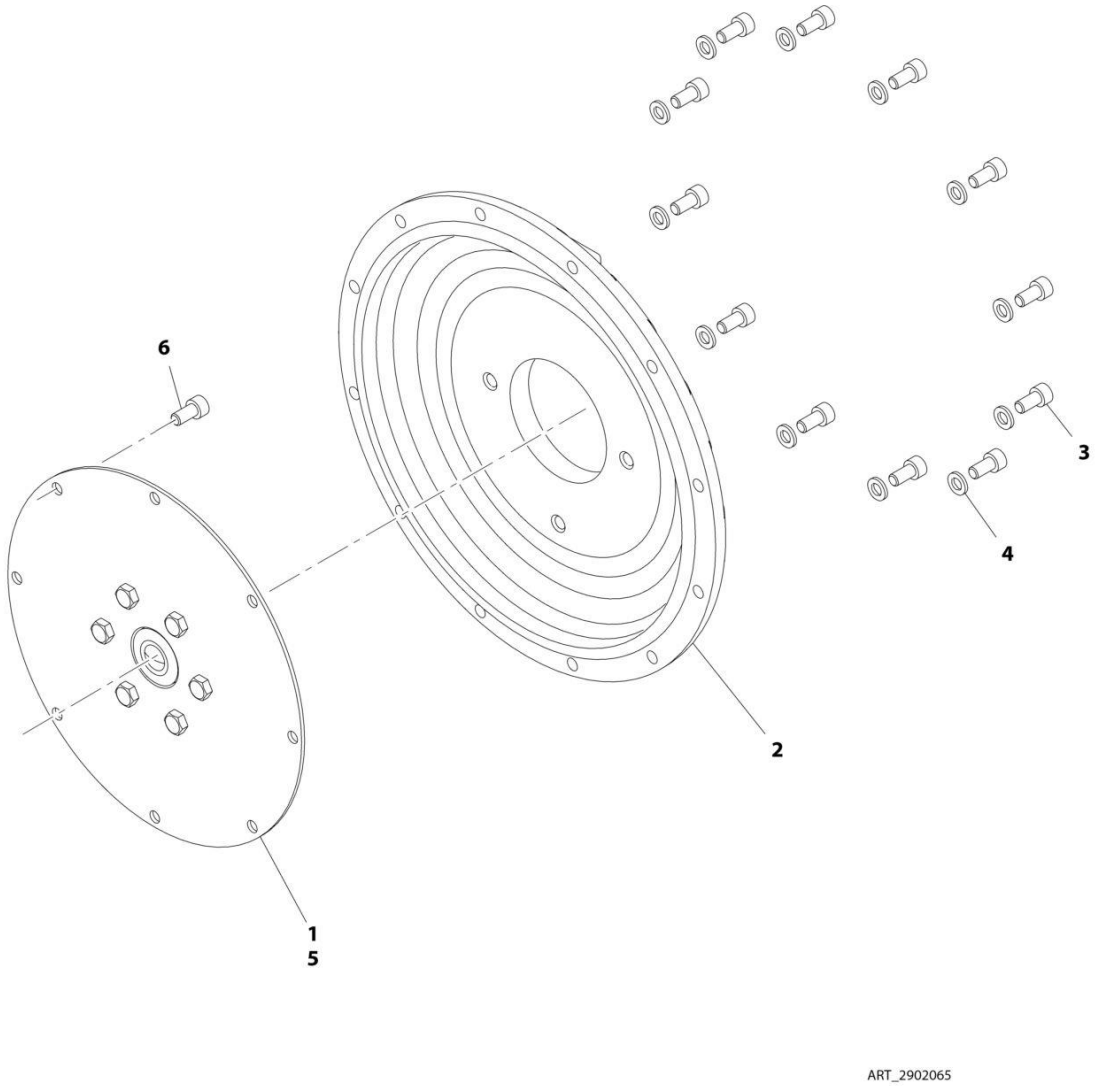


FIGURE 3-13. PUMP COUPLING KIT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902065	Ref	PUMP COUPLING KIT	K
1	70000793	1	Coupling, Hayes	
2	See Note	NSS	Plate, Pump Adapter (Note: Use p/n 2902065)	
3	See Note	NSS	Capscrew M10 x 30 Grade 10.9 (Note: Use p/n 2902065)	
4	See Note	NSS	Washer M10 (Note: Use p/n 2902065)	
5	3020021	AR	Grease, Coupling	
6	See Note	NSS	Capscrew M10 x 20 Grade 10.9 (Note: Use p/n 2902065)	

FIGURE 3-14. MUFFLER KIT - SPARK ARRESTOR (DEUTZ D2011 ENGINE) (OPTIONAL)

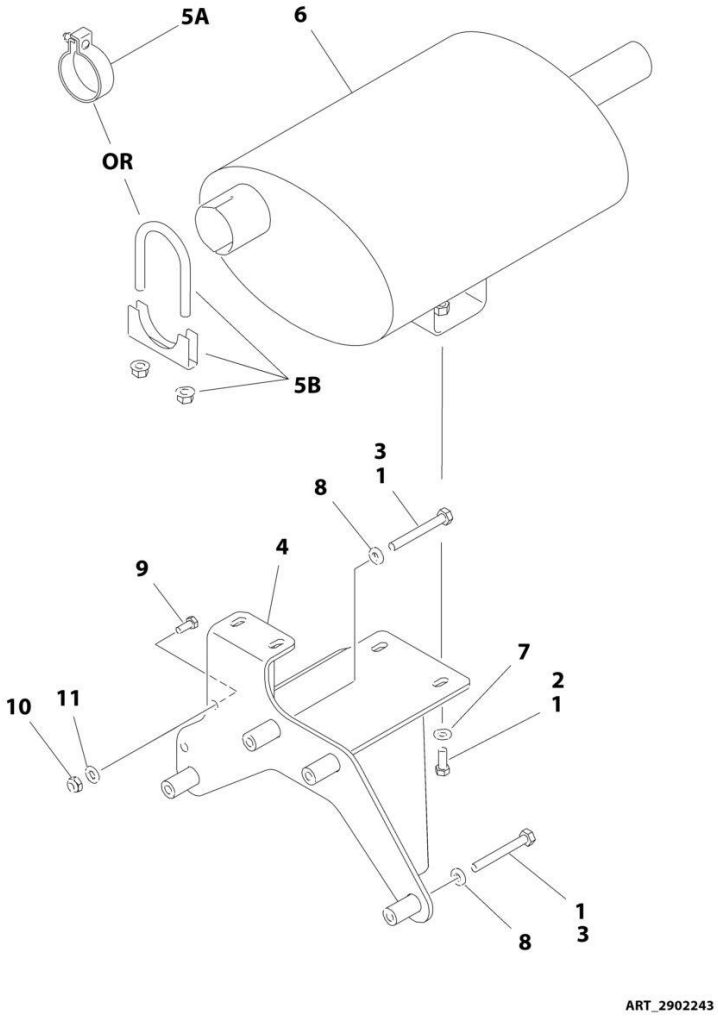


FIGURE 3-14. MUFFLER KIT - SPARK ARRESTOR (DEUTZ D2011 ENGINE) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902243	Ref	MUFFLER KIT - SPARK ARRESTOR (DEUTZ D2011 ENGINE) (OPTIONAL)	G
1	0100011	AR	Compound, Locking	
2	0641608	2	Bolt 3/8 x 1	
3	0711025	4	Bolt M10 x 85	
4	0902885	1	Bracket, Muffler Mount	
5A	70001017	1	Clamp, Circle (Supplied with Item 6)	
5B	1320019	1	Clamp Saddle (Note: Must be Purchase Separately)	
6	3220129	1	Spark Arrestor (Includes Item 5)	
7	4711600	2	Washer 3/8	
8	4891600	4	Washer 3/8	
9	0701013	2	Bolt M10 x 28	
10	3291005	2	Nut M10	
11	4812000	2	Washer M10	

FIGURE 3-15. MUFFLER KIT - CATALYTIC MUFFLER (DEUTZ D2011 ENGINE) (OPTIONAL)

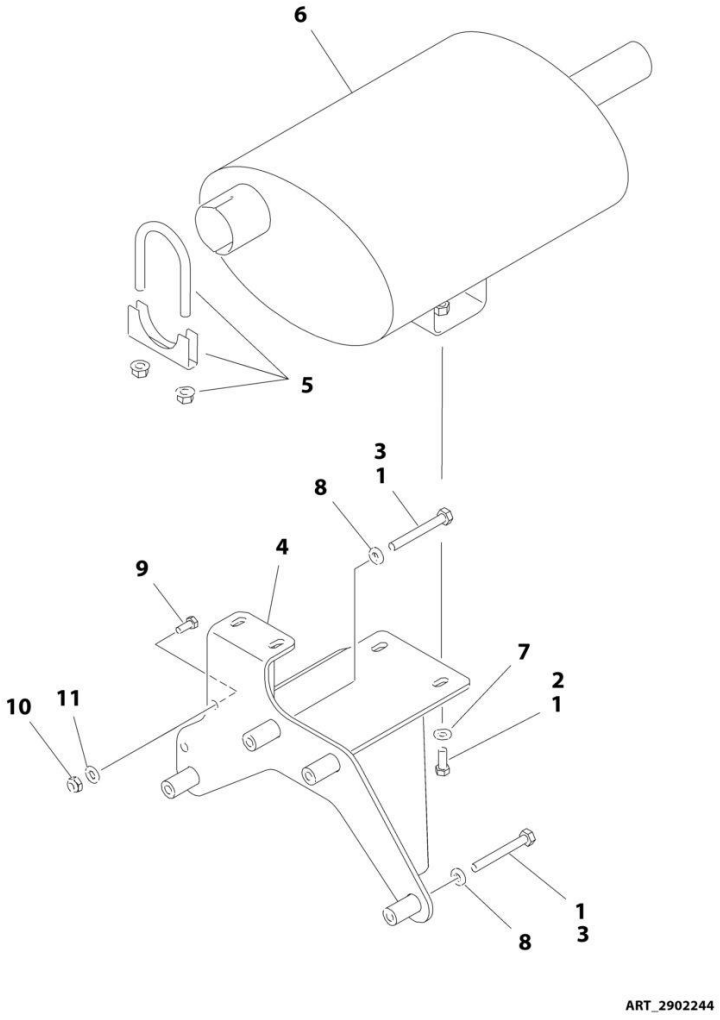


FIGURE 3-15. MUFFLER KIT - CATALYTIC MUFFLER (DEUTZ D2011 ENGINE) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902244	Ref	MUFFLER KIT - CATALYTIC MUFFLER (DEUTZ D2011 ENGINE) (OPTIONAL)	F
1	0100011	AR	Compound, Locking	
2	0641608	2	Bolt 3/8 x 1	
3	0711025	4	Bolt M10 x 85	
4	0902885	1	Bracket, Muffler Mount	
5	1320019	1	Clamp Saddle (Note: Must be purchased separately)	
6	3220131	1	Catalytic	
7	4711600	2	Washer 3/8	
8	4891600	4	Washer 3/8	
9	0701013	2	Bolt M10 x 28	
10	3291005	2	Nut M10	
11	4812000	2	Washer M10	

FIGURE 3-16. SPARK ARRESTER INSTALLATION (DEUTZ D2.9L4) (OPTIONAL)

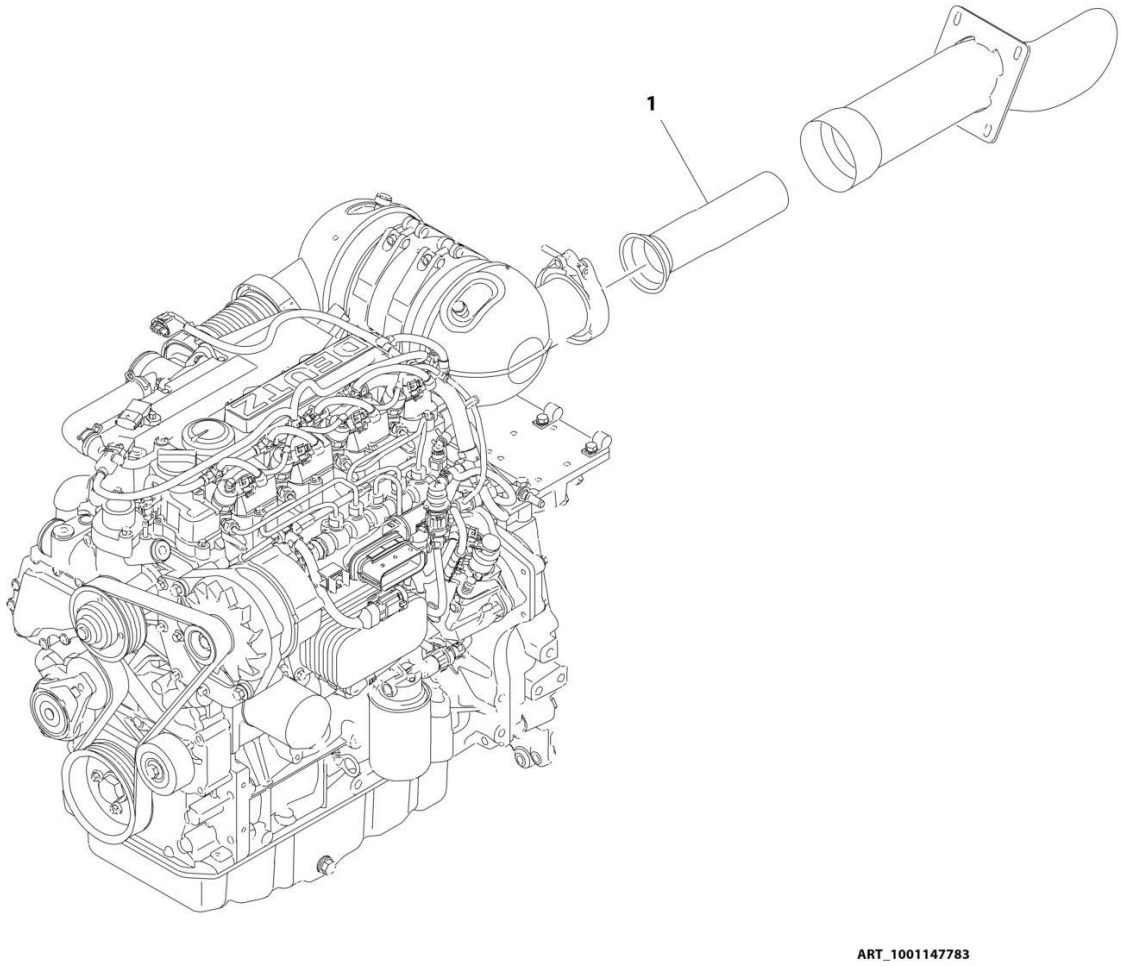
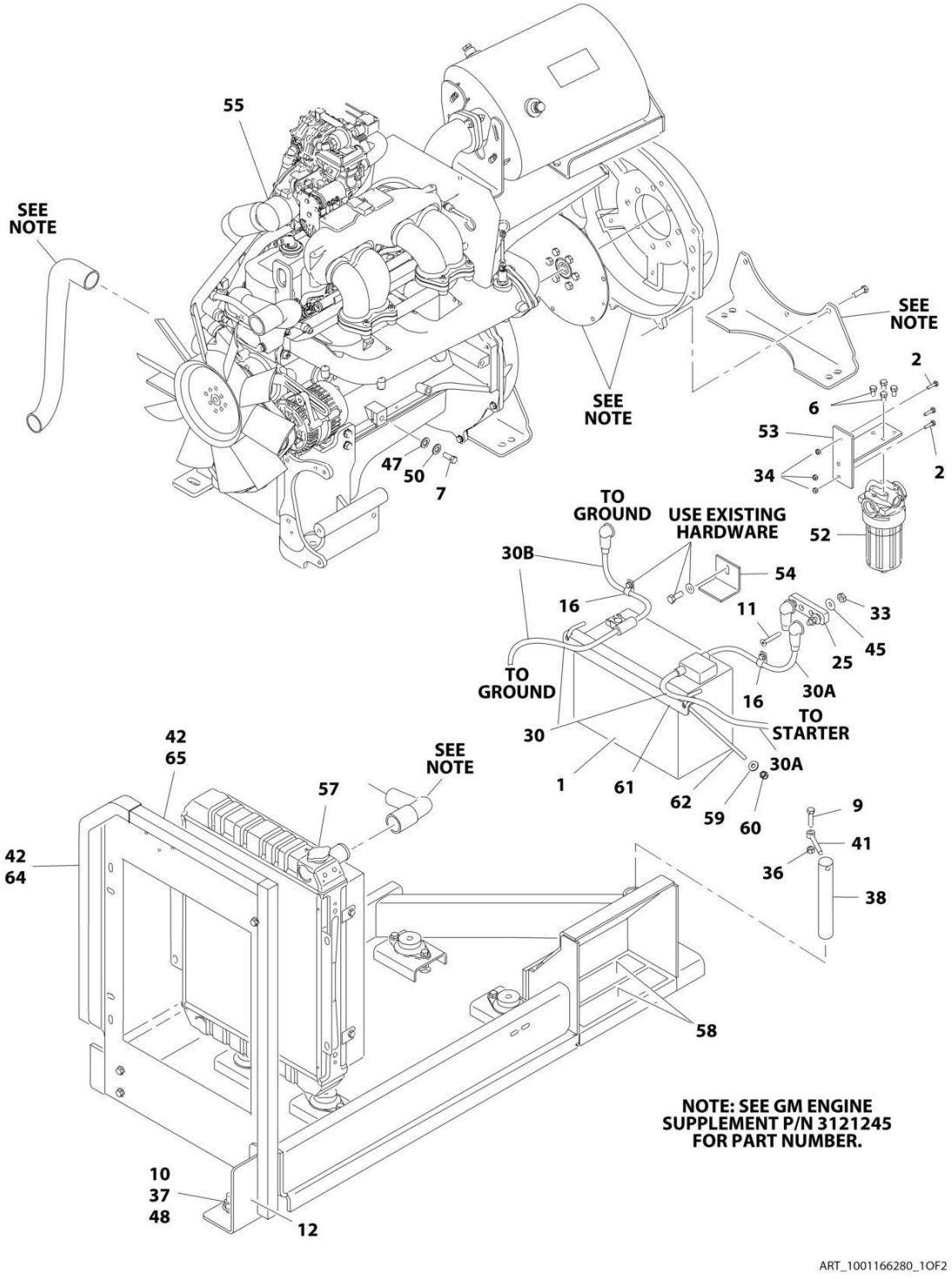


FIGURE 3-16. SPARK ARRESTER INSTALLATION (DEUTZ D2.9L4) (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147783	Ref	SPARK ARRESTER INSTALLATION (DEUTZ D2.9L4) (OPTIONAL)	A
1	1001147775	1	Arrester, Spark	

FIGURE 3-17. ENGINE INSTALLATION - GM ENGINE (SN 0200239053 through 0200259520)



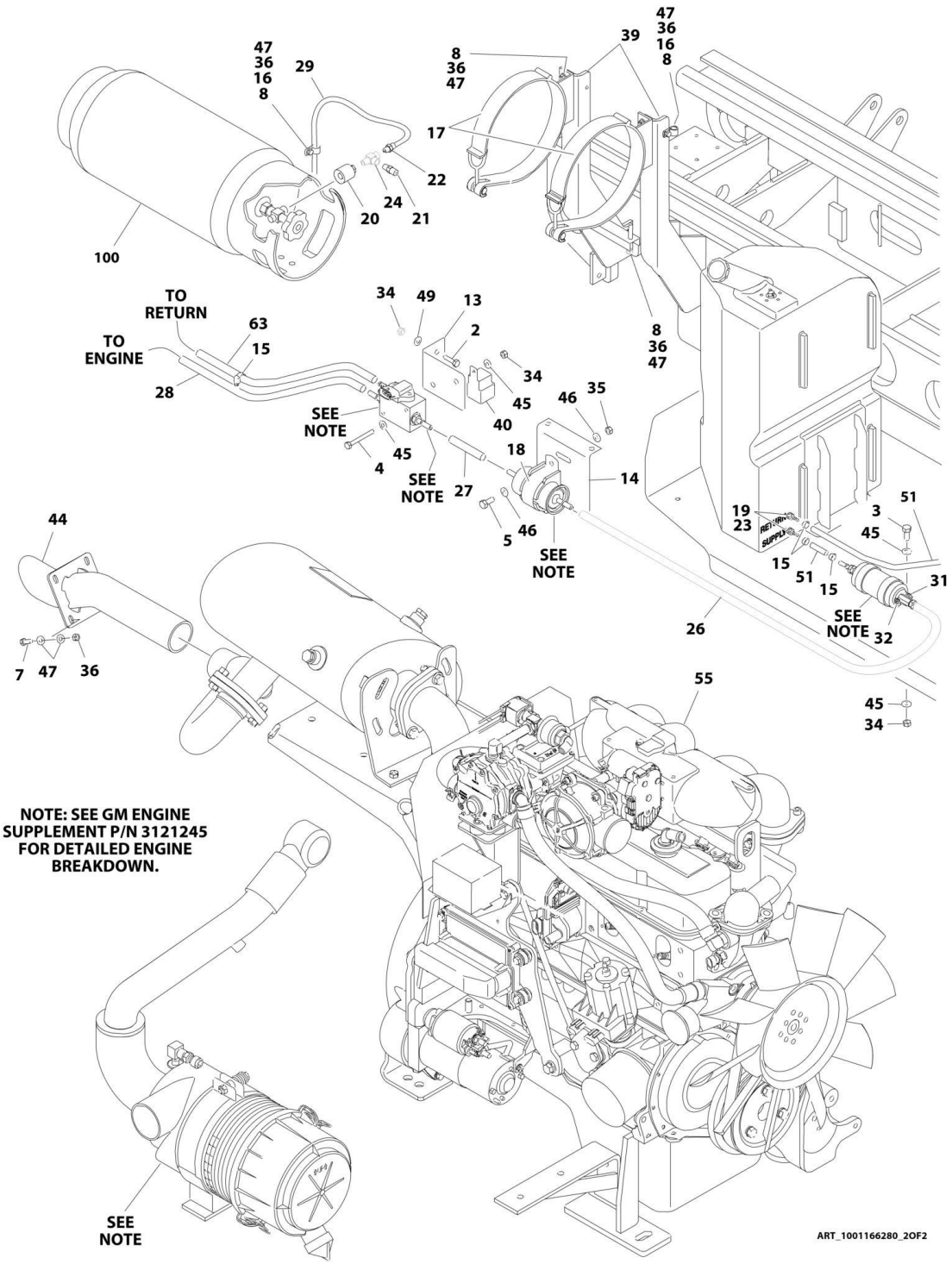
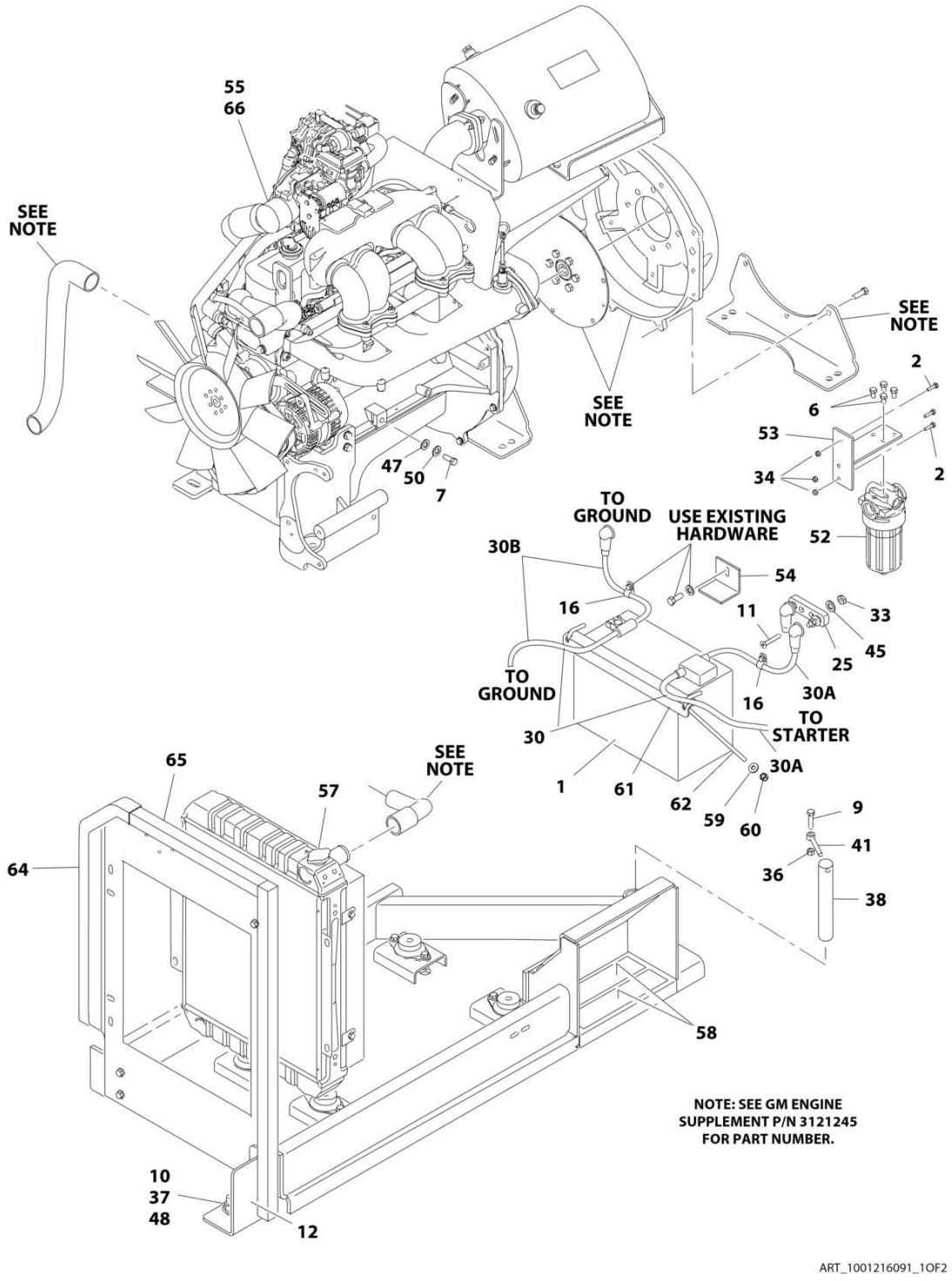

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NOTE: SEE GM ENGINE
SUPPLEMENT P/N 3121245
FOR DETAILED ENGINE
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SEE
NOTE
ART_1001166280_2OF2

FIGURE 3-17. ENGINE INSTALLATION - GM ENGINE (SN 0200239053 through 0200259520)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166280	Ref	ENGINE INSTALLATION - GM ENGINE **(SN 0200239053 through 0200259520)**	G
1	0400075	1	Battery	
2	0641408	5	Bolt 1/4 x 1	
3	0641410	2	Bolt 1/4 x 1-1/4	
4	0641418	2	Bolt 1/4 x 2-1/4	
5	0641506	2	Bolt 5/16 x 3/4	
6	0641605	4	Bolt 3/8 x 5/8	
7	0641608	5	Bolt 3/8 x 1	
8	0641610	9	Bolt 3/8 x 1-1/4	
9	0641612	1	Bolt 3/8 x 1-1/2	
10	0642016	1	Bolt 5/8 x 2	
11	0741010	2	Bolt #10 x 1-1/4	
12	0902777	1	Bracket, Engine Tray Latch Mount	
13	0903475	1	Plate, Fuel Regulator	
14	0903476	1	Plate, Fuel Filter	
15	1001174486	2	Clamp	
16	1320061	3	Clamp	
17	1320220	1	Clamp	
18	1320323	1	Clamp	
19	2180348	2	Fitting, Barb	
20	2180387	1	Fitting, LP	
21	2180389	1	Fitting, Relief Valve - LP	
22	2180418	1	Fitting	
23	2220250	2	Fitting, Reducer	
24	2220290	1	Fitting, Tee	
25	2400044	1	Fuse, Mounting Block	
26	1001156820	1	Hose	
27	1001156823	1	Hose	
28	1001156825	1	Hose	
29	2720611	1	Hose, LP	
30	2902534	1	Battery Cable Kit	I
30A	7027019	1	Cable, Battery - Red (Includes 3 Terminal Boots)	
30B	7027020	1	Cable, Battery - Black (Includes 1 Terminal Boots)	
31	3290405	1	Nut M4	
32	3290505	1	Nut M5	
33	3300408	2	Nut	
34	3311405	9	Nut 1/4	
35	3311505	2	Nut 5/16	
36	3311605	14	Nut 3/8	
37	3312005	1	Nut 5/8	
38	3422669	1	Pin **(SN 0200239053 through 0200249090)**	
38	3422582	1	Pin **(SN 0200249091 through 0200259520)**	
39	3573440	2	Plate, LP Tank Mount	
40	3740080	1	Relay	
41	3841143	1	Keeper	
42	3960468	1	Seal **(SN 0200239053 through 0200249090)**	
44	1001165702	1	Tube, Exhaust	
45	4711400	10	Washer 1/4	
46	4711500	4	Washer 5/16	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	4711600	27	Washer 3/8	
48	4712000	1	Washer 5/8	
49	4751400	4	Washer 1/4	
50	4761600	1	Washer 3/8	
51	1001177169	1	Hose	
52	1001102987	1	Filter, Charge Pump	
52	70010383	1	Filter Element and O-Ring Kit	
53	1001104356	1	Bracket, Filter	
54	1001104638	1	Bracket, Battery Hold-down	
55	1001114630	1	Engine and Pump Sub-Assembly - GM Engine (See ENGINE AND PUMP SUB-ASSEMBLY for Breakdown)	
56	0100048	AR	Grease, Dielectric (Not Shown)	
57	2300004	AR	Coolant	
58	4420080	2	Tape, Safety Tread Step	
59	4751500	2	Washer 5/16	
60	88521205	2	Nut 5/16	
61	91401281	1	Bracket, Battery Hold-Down	
62	1001093382	2	Bolt, J-Bolt	
63	1001177167	1	Hose	
64	1001191839	1	Seal **(SN 0200249091 through 0200259520)**	
65	1001191840	1	Seal **(SN 0200249091 through 0200259520)**	
100	4400420	1	LP Tank Assembly (#43 Steel Tank)	
100	4400275	1	LP Tank Assembly (#43 Aluminum Tank)	

FIGURE 3-18. ENGINE INSTALLATION - GM ENGINE (SN 0200259521 to Present)



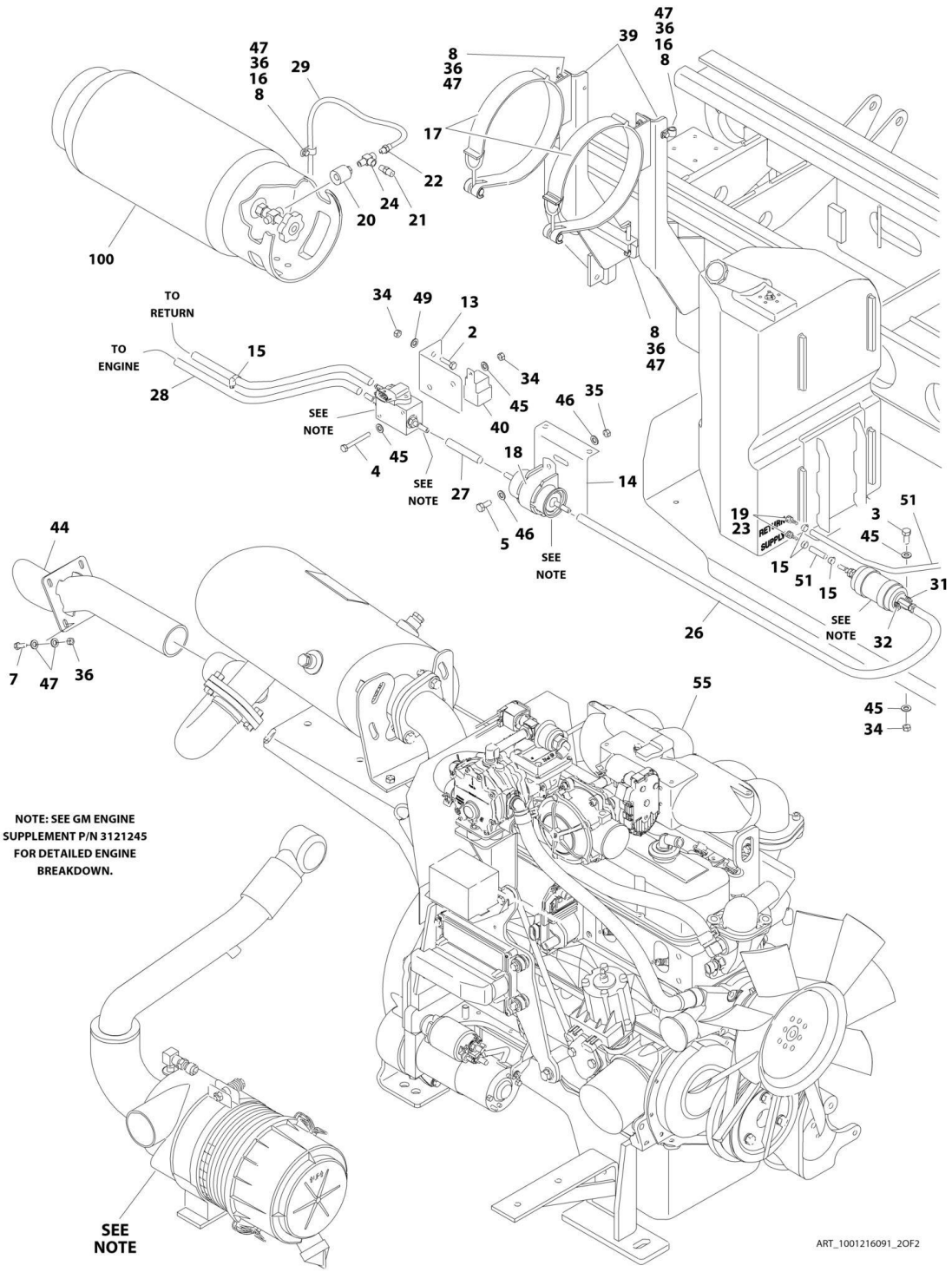

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NOTE: SEE GM ENGINE
SUPPLEMENT P/N 3121245
FOR DETAILED ENGINE
BREAKDOWN.
SEE
NOTE
ART_1001216091_2OF2

FIGURE 3-18. ENGINE INSTALLATION - GM ENGINE (SN 0200259521 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216091	Ref	ENGINE INSTALLATION - GM ENGINE **(SN 0200259521 to Present)**	B
1	0400075	1	Battery	
2	0641408	5	Bolt 1/4 x 1	
3	0641410	2	Bolt 1/4 x 1-1/4	
4	0641418	2	Bolt 1/4 x 2-1/4	
5	0641506	2	Bolt 5/16 x 3/4	
6	0641605	4	Bolt 3/8 x 5/8	
7	0641608	5	Bolt 3/8 x 1	
	0641610	9	Bolt 3/8 x 1-1/4	
9	0641612	1	Bolt 3/8 x 1-1/2	
10	0642016	1	Bolt 5/8 x 2	
11	0741010	2	Bolt #10 x 1-1/4	
12	0902777	1	Bracket, Engine Tray Latch Mount	
13	0903475	1	Plate, Fuel Regulator	
14	0903476	1	Plate, Fuel Filter	
15	1001174486	2	Clamp	
16	1320061	3	Clamp	
17	1320220	1	Clamp	
18	1320323	1	Clamp	
19	2180348	2	Fitting, Barb	
20	2180387	1	Fitting, LP	
21	2180389	1	Fitting, Relief Valve - LP	
22	2180418	1	Fitting	
23	2220250	2	Fitting, Reducer	
24	2220290	1	Fitting, Tee	
25	2400044	1	Fuse, Mounting Block	
26	1001156820	1	Hose	
27	1001156823	1	Hose	
28	1001156825	1	Hose	
29	2720611	1	Hose, LP	
30	2902534	1	Battery, Cable Kit	
30A	7027019	1	Cable, Battery - Red (Includes 3 Terminal Boots)	
30B	7027020	1	Cable, Battery - Black (Includes 1 Terminal Boots)	
31	3290405	1	Nut M4	
32	3290505	1	Nut M5	
33	3300408	2	Nut	
34	3311405	9	Nut 1/4	
35	3311505	2	Nut 5/16	
36	3311605	14	Nut 3/8	
37	3312005	1	Nut 5/8	
38	3422582	1	Pin	
39	3573440	2	Plate, LP Tank Mount	
40	3740080	1	Relay	
41	3841143	1	Keeper	
44	1001165702	1	Tube, Exhaust	
45	4711400	10	Washer 1/4	
46	4711500	4	Washer 5/16	
47	4711600	27	Washer 3/8	
48	4712000	1	Washer 5/8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4751400	4	Washer 1/4	
50	4761600	1	Washer 3/8	
51	1001177169	1	Hose	
52	1001102987	1	Filter, Charge Pump	
52	70010383	1	Filter, Element and O-Ring Kit	
53	1001104356	1	Bracket, Filter	
54	1001104638	1	Bracket, Battery Hold-Down	
55	1001216090	1	Engine and Pump Sub-Assembly - GM Engine (See ENGINE AND PUMP SUB-ASSEMBLY for Breakdown)	
56	0100048	AR	Grease, Dielectric (Not Shown)	
57	2300004	AR	Coolant	
58	4420080	2	Tape, Safety Tread Step	
59	4751500	2	Washer 5/16	
60	88521205	2	Nut 5/16	
61	91401281	1	Bracket, Battery Hold-Down	
62	1001093382	2	Bolt, J-Bolt	
64	1001191839	1	Seal	
65	1001191840	1	Seal	
66	1001214862	1	Engine, GM 3.0L (See GM Enigne Supplement P/N 3121245 for Breakdown of Addtitional Components)	
100	4400420	1	LP Tank Assembly (#43 Steel Tank)	
100	4400275	1	LP Tank Assembly (#43 Aluminum Tank)	

FIGURE 3-19. GM ENGINE AND PUMP SUB-ASSEMBLY (SN 0200239053 through 0200259520)

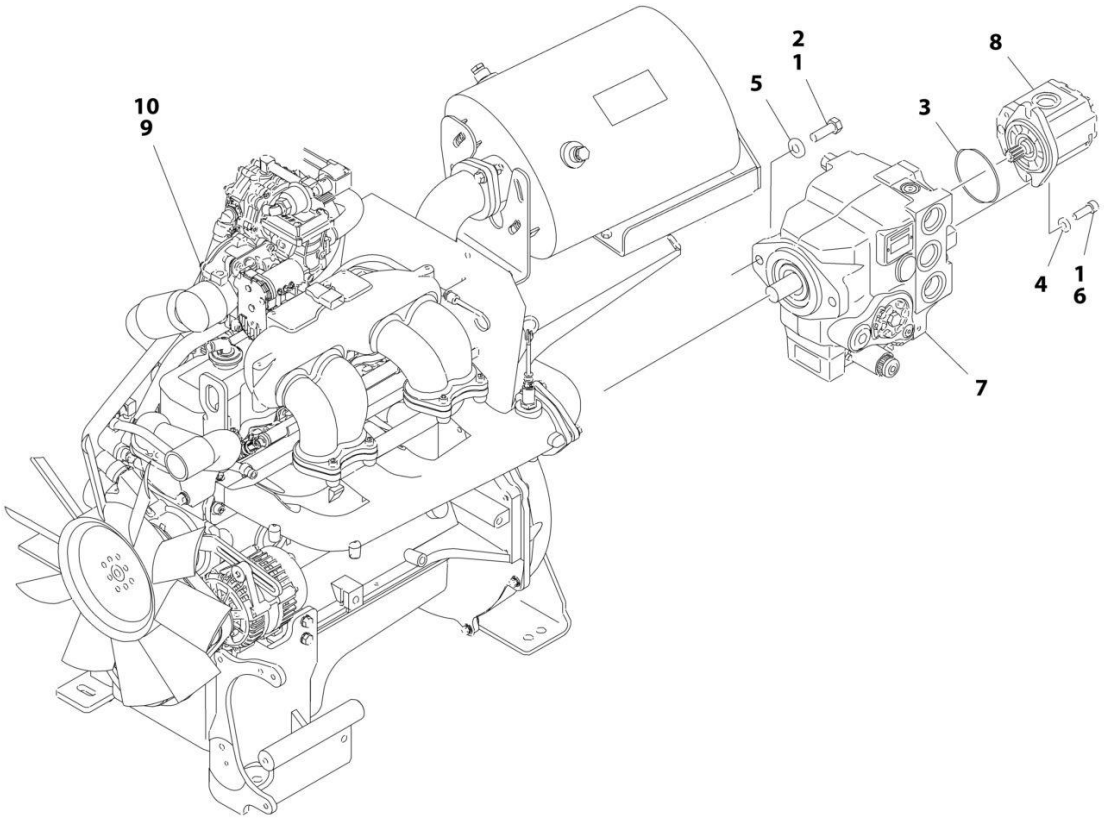


FIGURE 3-19. GM ENGINE AND PUMP SUB-ASSEMBLY (SN 0200239053 through 0200259520)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114630	Ref	GM ENGINE AND PUMP SUB-ASSEMBLY **(SN 0200239053 through 0200259520)**	I
1	0100011	AR	Compound, Locking	
2	0641814	2	Bolt 1/2 x 1-3/4	
3	3790152	1	O-Ring	
4	4891600	2	Washer 3/8	
5	4891800	2	Washer 1/2	
6	83191040	2	Bolt M10 x 30	
7	1001101331	1	Piston Pump Assembly (See PISTON PUMP ASSEMBLY for Breakdown)	
8	1001101699	1	Gear Pump Assembly	
8	70002210	1	Seal Kit - 1001101699 Pump	
		Ref	Note: Seal Kit is only service component available.	
9	1001114629	1	Engine Assembly - GM Engine (See ENGINE ASSEMBLY - GM ENGINE for Breakdown)	
10	1001115930	AR	Oil, Motor 10W-30	

FIGURE 3-20. GM ENGINE AND PUMP SUB-ASSEMBLY (SN 0200259521 to Present)

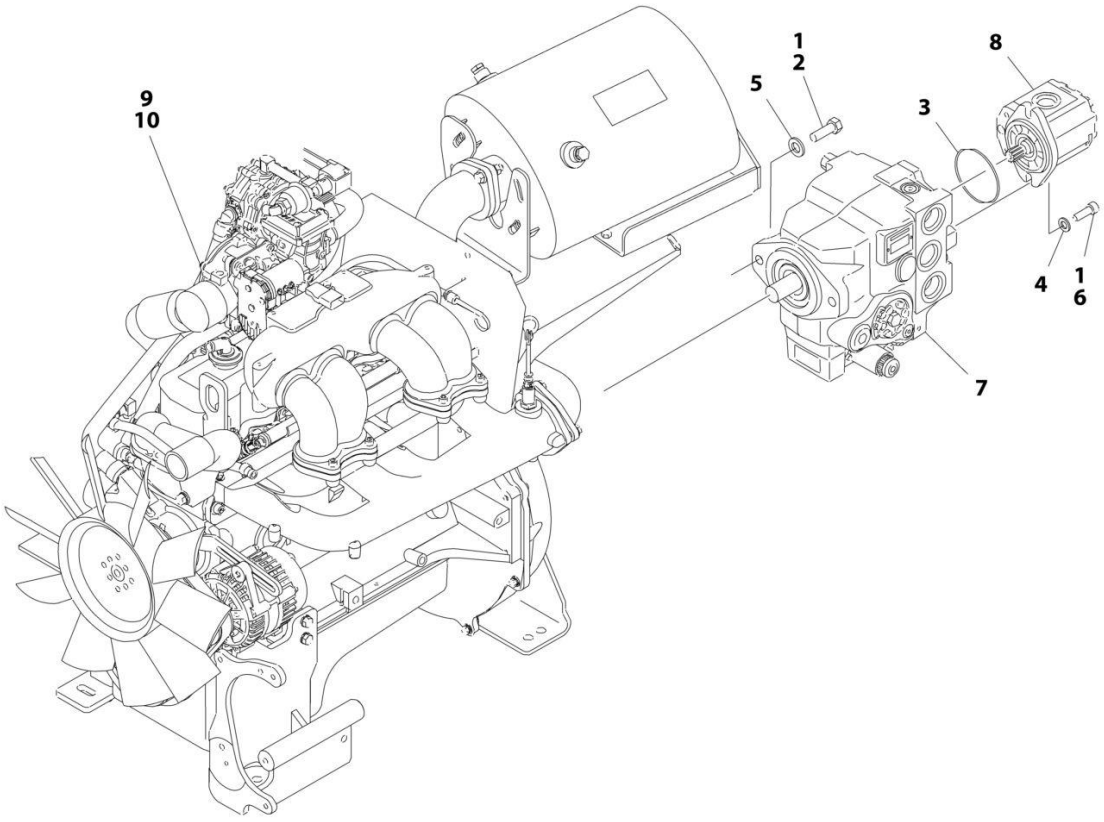


FIGURE 3-20. GM ENGINE AND PUMP SUB-ASSEMBLY (SN 0200259521 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216090	Ref	GM ENGINE AND PUMP SUB-ASSEMBLY **(SN 0200259521 to Present)**	B
1	0100011	AR	Compound, Locking	
2	0641814	2	Bolt 1/2 x 1-3/4	
3	3790152	1	O-Ring	
4	4891600	2	Washer 3/8	
5	4891800	2	Washer 1/2	
6	83191040	2	Bolt M10 x 30	
7	1001101331	1	Piston Pump Assembly (See PISTON PUMP ASSEMBLY for Breakdown)	
8	1001101699	1	Gear Pump Assembly	
8	70002210	1	Seal Kit - 1001101699 Pump	
		Ref	Note: Seal Kit is only service components available.	
9	1001216089	1	Engine Assembly - GM Engine (See ENGINE ASSEMBLY - GM ENGINE for Breakdown)	
10	1001190775	AR	Oil, Motor 5W-30	

FIGURE 3-21. GM ENGINE ASSEMBLY (SN 0200239053 through 0200259520)

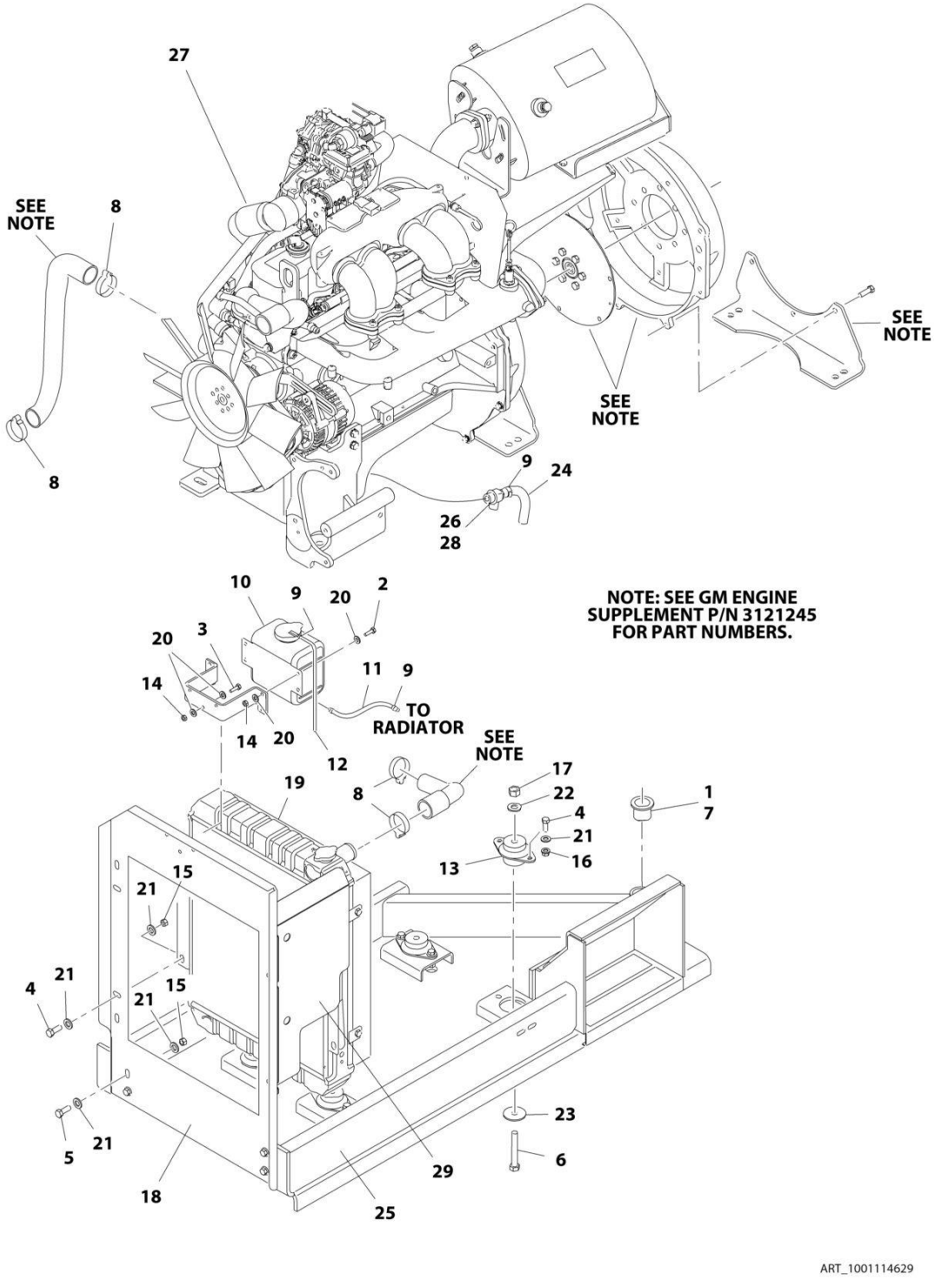
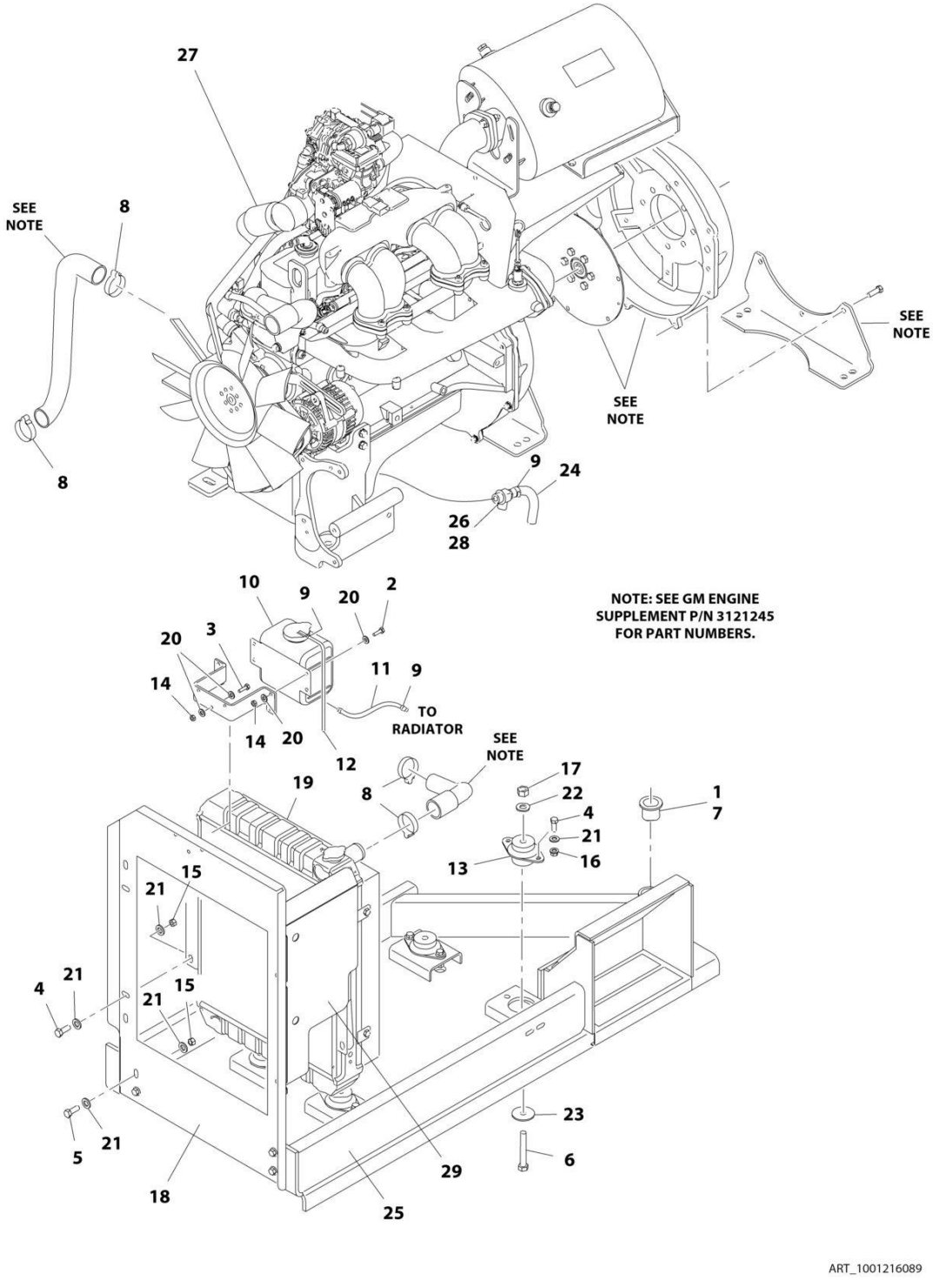


FIGURE 3-21. GM ENGINE ASSEMBLY (SN 0200239053 through 0200259520)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001114629	Ref	GM ENGINE ASSEMBLY **(SN 0200239053 through 0200259520)**	G
1	0100062	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	0641407	3	Bolt 1/4 x 7/8	
4	0641608	12	Bolt 3/8 x 1	
5	0641609	4	Bolt 3/8 x 1-1/8	
6	0641828	4	Bolt 1/2 x 3-1/2	
7	0961986	2	Flange, Bearing	
8	1320012	4	Clamp	
9	1320022	4	Clamp	
10	1580011	1	Container, Coolant Overflow	
11	2720058	10 in /25.4cm	Hose	
12	2720271	8 in/20cm	Hose	
13	3200362	4	Mount, Resilient Engine	
14	3311405	7	Nut 1/4	
15	3311605	8	Nut 3/8	
16	3311608	8	Nut 3/8	
17	3311805	4	Nut 1/2	
18	3573195	1	Plate, Radiator Mount	
19	3620042	1	Radiator	
19	7027412	1	Cap, Radiator	
20	4711400	14	Washer 1/4	
21	4711600	32	Washer 3/8	
22	4711800	4	Washer 1/2	
23	4740274	4	Washer (Snubbing)	
24	2750532	10 in /25.4cm	Hose	
25	1001105112	1	Support, Engine Tray	
26	4640952	1	Valve, Oil Drain	
27	1001114604	1	Engine, GM 3.0L (See GM Engine Supplement P/N 3121245 for Breakdown of Additional Components)	
27	7027965	1	Filter, Oil	
27	7027972	1	Filter, Fuel - Inlet	
27	70000164	4	Plug, Spark	
27	70002895	1	Module, Engine Control (ECU)	
27	7024438	1	Element, Air Filter	
28	0100020	AR	Sealant, Pipe	
29	1001191842	1	Deflector, Air **(SN 0200249091 through 0200259520)**	

FIGURE 3-22. GM ENGINE ASSEMBLY (SN 0200259521 to Present)



ART_1001216089

FIGURE 3-22. GM ENGINE ASSEMBLY (SN 0200259521 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001216089	Ref	GM ENGINE ASSEMBLY **(SN 0200259521 to Present)**	B
1	0100062	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	0641407	3	Bolt 1/4 x 7/8	
4	0641608	12	Bolt 3/8 x 1	
5	0641609	4	Bolt 3/8 x 1-1/8	
6	0641828	4	Bolt 1/2 x 3-1/2	
7	0961986	2	Flange, Bearing	
8	1320012	4	Clamp	
9	1320022	4	Clamp	
10	1580011	1	Container, Coolant Overflow	
11	2720058	10 in /25.4cm	Hose	
12	2720271	8 in /20cm	Hose	
13	3200362	4	Mount, Resilient Engine	
14	3311405	7	Nut 1/4	
15	3311605	8	Nut 3/8	
16	3311608	8	Nut 3/8	
17	3311805	4	Nut 1/2	
18	3573195	1	Plate, Radiator Mount	
19	3620042	1	Radiator	
19	7027412	1	Cap, Radiator	
20	4711400	14	Washer 1/4	
21	4711600	32	Washer 3/8	
22	4711800	4	Washer 1/2	
23	4740274	4	Washer (Snubbing)	
24	2750532	10 in /25.4cm	Hose	
25	1001105112	1	Support, Engine Tray	
26	4640952	1	Valve, Oil Drain	
27	1001216088	1	Engine, GM 3.0L (See GM Engine Supplement P/N 3121245 for Breakdown of Additional Components)	
27	7027965	1	Filter, Oil	
27	7027972	1	Filter, Fuel - Inlet	
27	70000164	4	Plug, Spark	
27	70002895	1	Module, Engine Control (ECU) (Note: Re-calibration Required when Replaced)	
27	7024438	1	Element, Air Filter	
28	0100020	AR	Sealant, Pipe	
29	1001191842	1	Deflector, Air	

FIGURE 3-23. PISTON PUMP ASSEMBLY

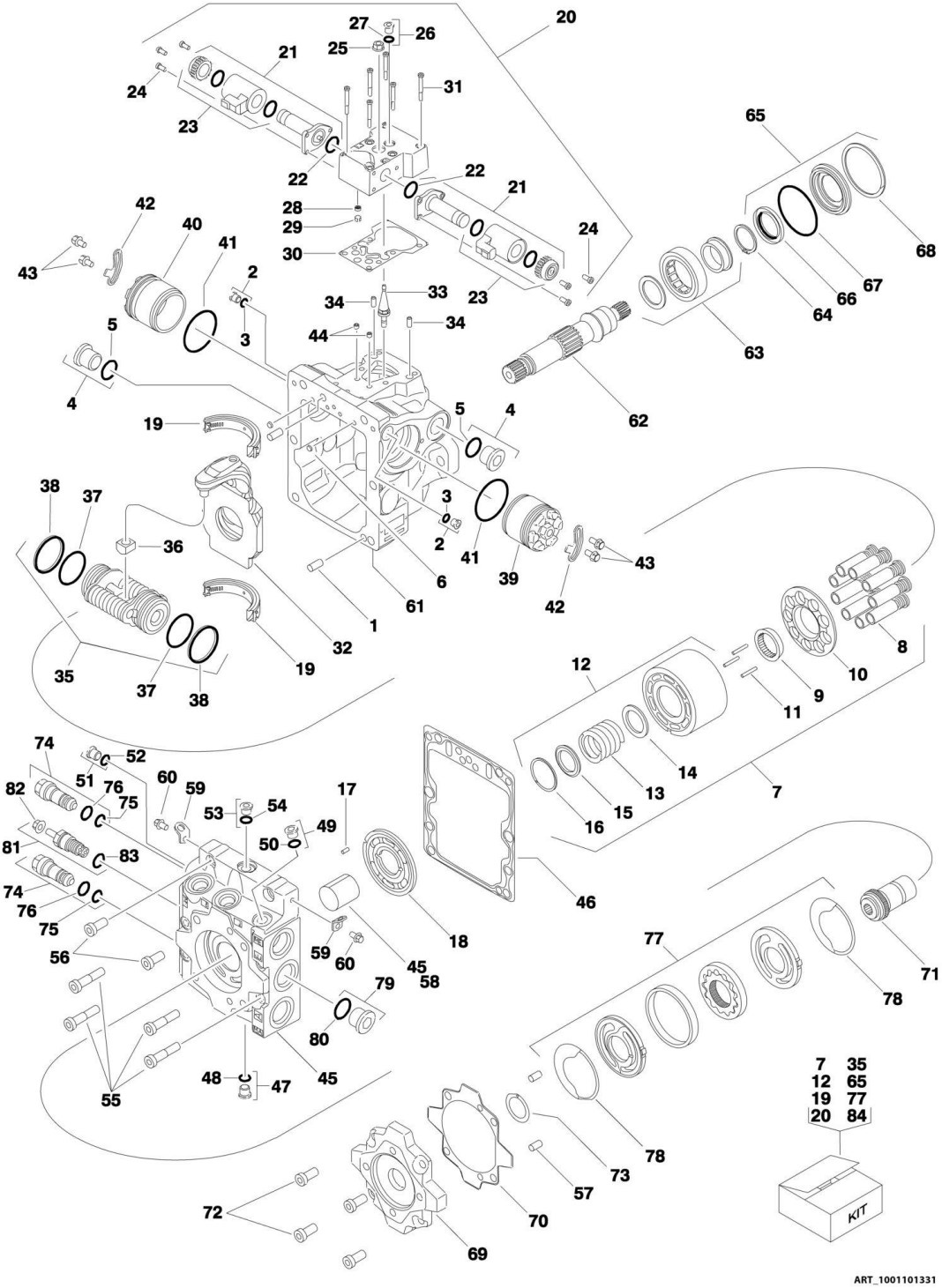


FIGURE 3-23. PISTON PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101331	Ref	PISTON PUMP ASSEMBLY	D
1	70002132	2	Pin	
2	70002133	2	Plug Assembly (Includes Item 3)	
3	7007207	2	O-Ring (Part of Item 2)	
4	7007419	2	Plug Assembly (Includes Item 5)	
5	7007418	2	O-Ring (Part of Item 4)	
6	70002134	2	Screen	
7	70002135	1	Cylinder Block Kit (Includes Items 8-16)	
8	70002136	1	Piston Assembly Kit (Includes Qty 9 Piston Assemblies) (Part of Item 7)	
9	70002137	1	Guide, Slipper Retainer (Part of Item 7)	
10	70002138	1	Retainer, Slipper (Part of Item 7)	
11	7021275	3	Pin, Slipper Retainer Holddown (Part of Item 7)	
12	70002143	1	Cylinder Block Assembly (Includes Item 13-16) (Part of Item 7)	
13	70002139	1	Spring (Part of Item 12)	
14	70002140	1	Washer (Part of Item 12)	
15	70002141	1	Washer (Part of Item 12)	
16	70002142	1	Ring, Retaining (Part of Item 12)	
17	7007446	1	Pin	
18	70002144	1	Plate, CW Valve	
19	70002145	1	Swashplate Bearing Kit (Includes Qty 2 Bearings)	
20	70002146	1	EDC Kit (Includes Items 21-31)	
21	70002147	2	Solenoid Valve Assembly (Includes Item 22 & 23) (Part of Item 20)	
22	70002148	2	O-Ring (1 Per Valve Assembly) (Part of Item 21)	
23	70002149	2	Coil, Nut and Seals Kit (1 Per Valve Assembly) (Part of Item 21)	
24	70002150	6	Screw (Part of Item 20)	
25	7022301	1	Nut, Seal (Part of Item 20)	
26	70002151	1	Plug Assembly (Part of Item 20) (Includes Item 27)	
27	7007207	1	O-Ring (Part of Item 26)	
28	70002134	1	Screen (Part of Item 20)	
29	70002153	1	Ring, Locking (Part of Item 20)	
30	70002154	1	Gasket, Control (Part of Item 20)	
31	70002156	6	Capscrew (Part of Item 20)	
32	70002152	1	Swashplate	
33	70002155	1	Link, Swashplate	
34	70002157	2	Pin, Dowel	
35	70002158	1	Servo Piston Assembly (Includes Items 36-38)	
36	70002159		Block, Slider (Part of Item 35)	
37	70002160	2	O-Ring (Part of Item 35)	
38	70002161	2	Ring, Piston (Part of Item 35)	
39	70002162	1	Cylinder, Servo	
40	70002162	1	Cylinder, Servo	
41	70002163	2	O-Ring	
42	70002164	2	Plate, Locking	
43	70002165	4	Screw	
44	70002166	2	Orifice	
45	70002167	1	Cap, End (Includes Item 58)	
46	70002168	1	Gasket, End Cap	
47	70001958	1	Plug Assembly (Includes Item 48)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	7021256	1	O-Ring (Part of Item 47)	
49	70001958	1	Plug Assembly (Includes Item 50)	
50	7021256	1	O-Ring (Part of Item 49)	
51	70001958	1	Plug Assembly (Includes Item 52)	
52	7021256	1	O-Ring (Part of Item 51)	
53	70001958	1	Plug Assembly (Includes Item 54)	
54	7021256	1	O-Ring (Part of Item 53)	
55	70002169	4	Capscrew	
56	70002170	2	Capscrew	
57	70002132	2	Pin	
58	70002172	1	Bearing, Journal (Part of Item 45)	
59	7022340	2	Bracket, Lifting	
60	70002165	2	Screw	
61	See Note	1	Housing (Note: Purchase p/n 1001101331)	
62	70002175	1	Shaft	
63	70002176	1	Ball Bearing Kit	
64	70007439	1	Ring, Retaining	
65	70002174	1	Shaft Seal Kit (Includes Items 66-68) (Note: This is a universal kit and will contain extra pieces that are not used on this pump assembly.)	
66	70002177	1	Seal, Lip	
67	70002178	1	O-Ring	
68	70002179	1	Ring, Retaining	
69	70002180	1	Adapter	
70	70002181	1	Seal, Adapter	
71	70002182	1	Coupling	
72	70002185	4	Capscrew	
73	70002186	1	Plate, Thrust	
74	70002188	2	High Pressure Relief Valve Cartridge Assembly (Includes Item 75 & 76)	
75	70002187	2	O-Ring (1 Per Cartridge) (Part of Item 74)	
76	7007415	2	O-Ring (1 Per Cartridge) (Part of Item 74)	
77	70002189	1	Charge Pump Kit (Includes Item 78)	
78	70002190	2	Ring, Seal (Part of Item 77)	
79	7023964	1	Plug Assembly (Includes Item 80)	
80	7007415	1	O-Ring (Part of Item 79)	
81	70002191	1	Charge Relief Valve Cartridge Assembly (Includes Item 82 & 83)	
82	70002187	1	Nut, Seal (Part of Item 81)	
83	7007415	1	O-Ring (Part of Item 81)	
84	70002192	1	Overhaul Seal Kit (Includes Items 3, 5, 22, 27, 30, 37, 38, 41, 48, 50, 52, 54, 66, 67, 70, 75, 76, 78, 82 & 83)	

FIGURE 3-24. GENERATOR INSTALLATION - 110V - DEUTZ D2011 ENGINE (OPTIONAL)

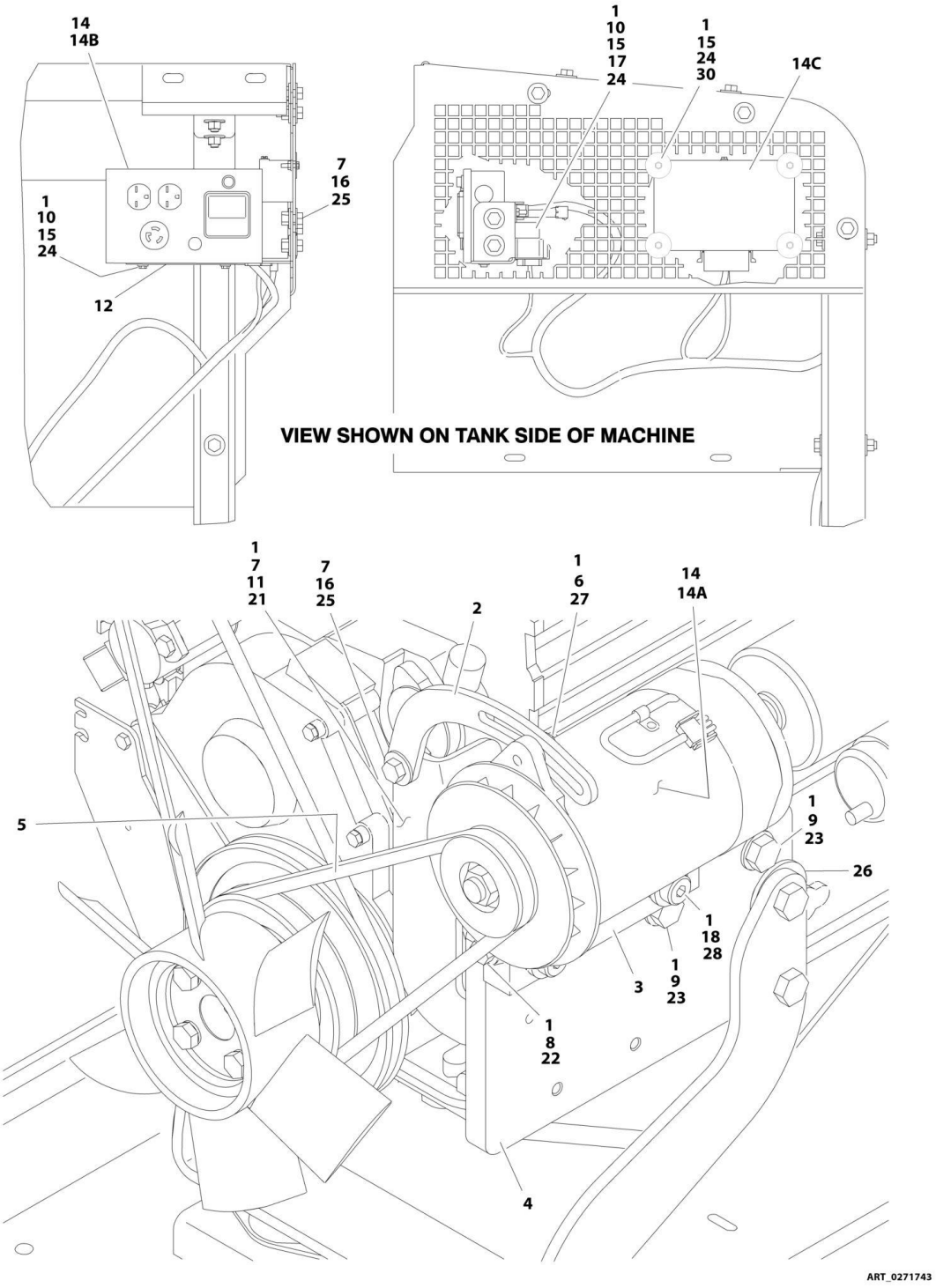


FIGURE 3-24. GENERATOR INSTALLATION - 110V - DEUTZ D2011 ENGINE (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271743	Ref	GENERATOR INSTALLATION - 110V - DEUTZ D2011 ENGINE (OPTIONAL)	C
1	0100011	AR	Compound, Locking	
2	0200742	1	Arm, Adjusting	
3	0363082	1	Bar, Generator Adjusting	
4	0363098	1	Bar, Generator Mounting	
5	0480124	1	Belt, Drive	
6	0641508	1	Bolt 5/16 x 1	
7	0641608	6	Bolt 3/8 x 1	
8	0641718	2	Bolt 7/16 x 2-1/4	
9	0701418	2	Bolt M14 x 50	
10	0721006	7	Screw #10 x 3/4	
11	0902813	1	Bracket, Arm Mounting	
12	0902842	1	Bracket, Generator Box Mounting	
13	1061006	1	Cable, AC (See ELECTRICAL SECTION for Breakdown)	
14	2460043	1	Generator and Control Box Assembly	B
14A	2460049	1	Generator Only	
14A	70000122	1	Armature with Slip Rings	
14A	7020108	4	Brushes	
14A	7020109	4	Holder, Brush	
14A	7012513	4	Cap, Brush Holder	
14A	7012514	1	Fan	
14A	7020110	1	Bell, Front	
14A	7020111	1	Bell, Rear	
14A	7020190	2	Bearing	
14A	7027887	1	Key, Pulley Woodruff	
14A	3580134	1	Pulley	
14B	70002241	1	Box, Control Assembly	
		Ref	Note: Replacement 110V Control Box comes with 2 standard Receptacles p/n 4460190. Optional Industrial Twist Lock Receptacles p/n 4460027 must be ordered separately.	
14B	70002240	1	Breaker, Circuit	
14B	2420203	1	Voltmeter	
14B	4460190	1	Receptacle -Standard	
14B	4460027	1	Receptacle - Twist-Lock	
14B	2920162	1	Lamp Assembly	
14B	70002237	1	Diode 6A/600V	
14B	3520028	1	Plug	
14C	7026525	1	Regulator, Voltage	
15	3311001	7	Nut #10	
16	3311605	3	Nut 3/8	
17	3740080	1	Relay	
18	3900322	2	Bolt, Shoulder	
19	4060802	1	Guard, Switch (Not Shown - Located on Platform Console Box)	
20	4360482	1	Switch, Toggle (Not Shown - Located on Platform Console Box)	
21	4711600	3	Washer 3/8	
22	4711700	2	Washer 7/16	
23	4711900	2	Washer 9/16	
24	4751000	10	Washer #10	
25	4751600	6	Washer 3/8	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
26	4752200	2	Washer 3/4	
27	4891500	2	Washer 5/16	
28	4892000	2	Washer 5/8	
29	4922800	1	Harness, Generator (Not Shown - See ELECTRICAL SECTION for Breakdown)	
30	4740362	4	Washer, Fender	

FIGURE 3-25. GENERATOR INSTALLATION - 220V - DEUTZ D2011 ENGINE (OPTIONAL)

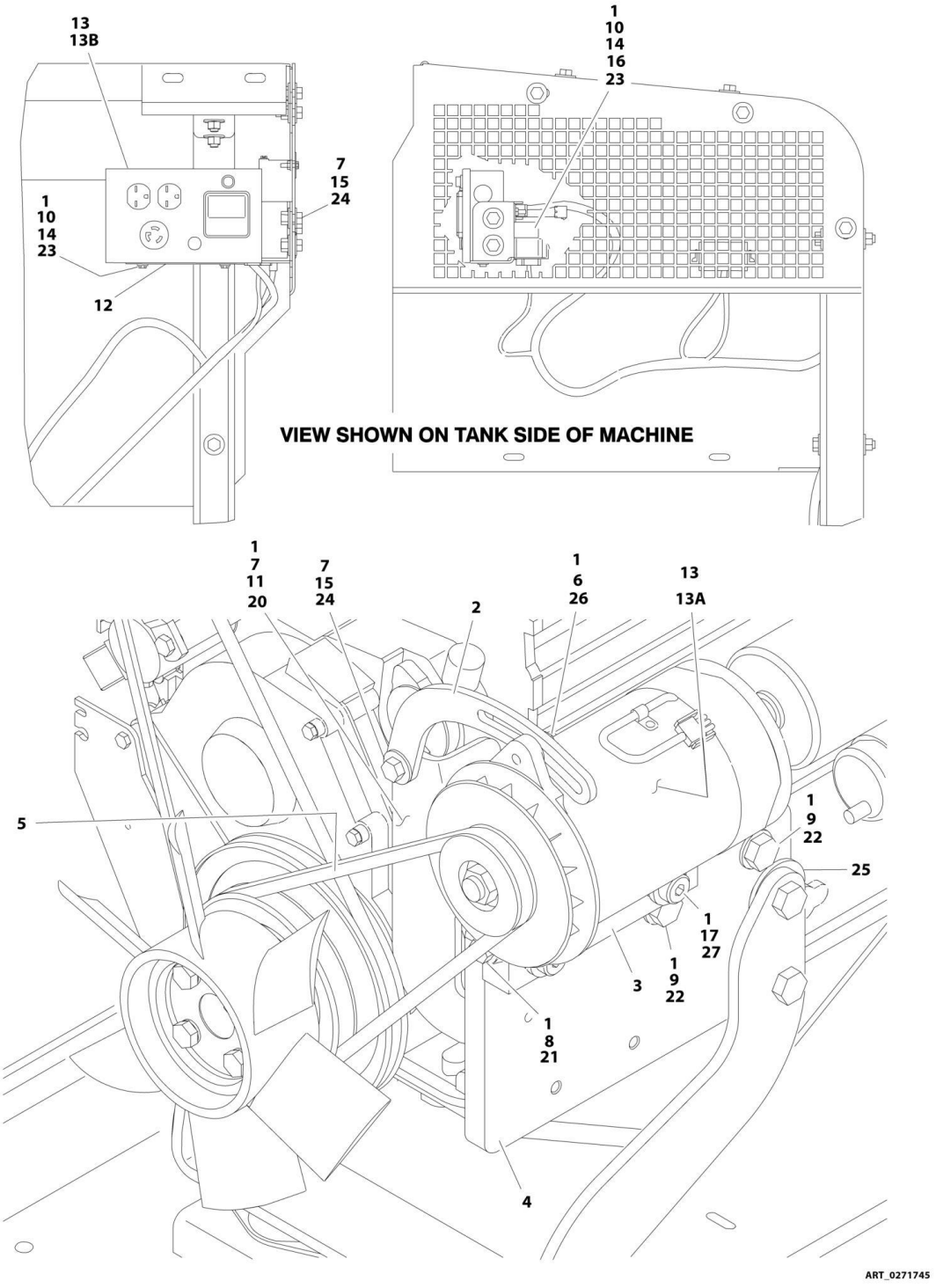


FIGURE 3-25. GENERATOR INSTALLATION - 220V - DEUTZ D2011 ENGINE (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271745	Ref	GENERATOR INSTALLATION - 220V - DEUTZ D2011 ENGINE (OPTIONAL)	C
1	0100011	AR	Compound, Locking	
2	0200742	1	Arm, Adjusting	
3	0363082	1	Bar, Generator Adjusting	
4	0363098	1	Bar, Generator Mounting	
5	0480124	1	Belt, Drive	
6	0641508	1	Bolt 5/16 x 1	
7	0641608	6	Bolt 3/8 x 1	
8	0641718	2	Bolt 7/16 x 2-1/4	
9	0701418	2	Bolt M14 x 50	
10	0721006	7	Screw #10 x 3/4	
11	0902813	1	Bracket, Arm Mounting	
12	0902842	1	Bracket, Generator Box Mounting	
13	2460047	1	Generator and Control Box Assembly	B
13A	1001100321	1	Generator Only	
13A	70000123	1	Armature with Slip Rings	
13A	7020108	4	Brushes	
13A	7020109	4	Holder, Brush	
13A	7012513	4	Cap, Brush Holder	
13A	7012514	1	Fan	
13A	7020110	1	Bell, Front	
13A	7020111	1	Bell, Rear	
13A	7020190	2	Bearing	
13A	7027887	1	Key, Pulley Woodruff	
13A	3580134	1	Pulley	
13B	70002236	1	Box, Control Assembly	
13B	70000126	1	Breaker, Circuit	
13B	7020192	1	Voltmeter	
13B	70000124	1	Receptacle, Double	
13B	70000125	1	Receptacle, Single	
13B	2920162	1	Lamp Assembly	
13B	70002237	1	Diode 6A/600V	
13B	3520028	1	Plug	
14	3311001	3	Nut #10	
15	3311605	3	Nut 3/8	
16	3740080	1	Relay	
17	3900322	2	Bolt, Shoulder	
18	4060802	1	Guard, Switch (Not Shown - Located on Platform Console Box)	
19	4360482	1	Switch, Toggle (Not Shown - Located on Platform Console Box)	
20	4711600	3	Washer 3/8	
21	4711700	2	Washer 7/16	
22	4711900	2	Washer 9/16	
23	4751000	6	Washer #10	
24	4751600	6	Washer 3/8	
25	4752200	2	Washer 3/4	
26	4891500	2	Washer 5/16	
27	4892000	2	Washer 5/8	
28	4922800	1	Harness, Generator (Not Shown - See ELECTRICAL SECTION for Breakdown)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	1061006	1	Cable, AC (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 3-26. GENERATOR INSTALLATION - 110V - DEUTZ D2.9L4 (OPTIONAL)

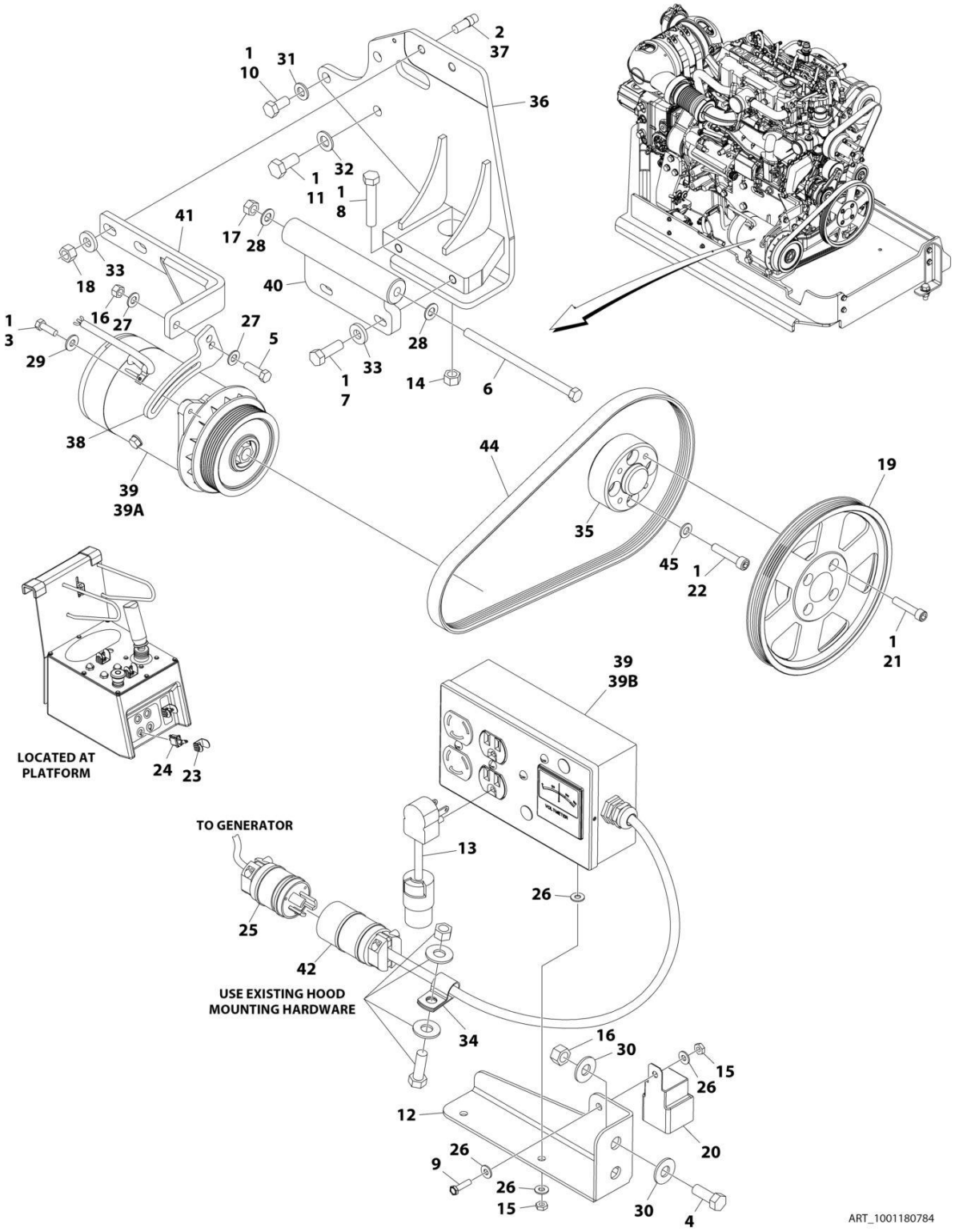


FIGURE 3-26. GENERATOR INSTALLATION - 110V - DEUTZ D2.9L4 (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001180784	Ref	GENERATOR INSTALLATION - 110V - DEUTZ D2.9L4 (OPTIONAL)	B
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0641508	1	Bolt 5/16 x 1	
4	0641608	2	Bolt 3/8 x 1	
5	0641610	1	Bolt 3/8 x 1-1/4	
6	0641772	1	Bolt 7/16 x 9	
7	0641812	2	Bolt 1/2 x 1-1/2	
8	0681822	1	Bolt 1/2 x 2-3/4	
9	0721006	1	Screw #10 x 3/4	
10	0771212	1	Bolt M12 x 25	
11	0771414	2	Bolt M14 x 30	
12	0902842	1	Bracket, Generator Box	
13	1061006	1	AC Cable (See ELECTRICAL SECTION for Breakdown)	
14	3271801	1	Nut 1/2	
15	3311005	3	Nut #10	
16	3311605	3	Nut 3/8	
17	3311705	1	Nut 7/16	
18	3311801	2	Nut 1/2	
19	3580320	1	Pulley	
20	3740080	1	Relay	
21	3931628	4	Capscrew 3/8 x 1-3/4	
22	4032014	4	Capscrew M10 x 50	
23	4060802	1	Guard, Switch	
24	4360482	1	Switch, Toggle	
25	4460205	1	Plug	
26	4711000	6	Washer #10	
27	4711600	2	Washer 3/8	
28	4711700	2	Washer 7/16	
29	4751500	1	Washer 5/16	
30	4751600	4	Washer 3/8	
31	4812100	1	Washer M12	
32	4812200	2	Washer M14	
33	4891800	4	Washer 1/2	
34	8406101	1	Clamp	
35	1001135679	1	Adapter, Pulley	
36	1001147780	1	Support	
37	1001163599	2	Stud	
38	1001179837	1	Arm, Adjustment	
39	1001180001	1	Generator, 110V-60Hz	
39A	7012558	1	Generator Only	
39A	7026199	1	Armature with Slip Rings	
39A	7020108	4	Brushes	
39A	7020109	4	Holder, Brush	
39A	7012513	4	Cap, Brush Holder	
39A	7012514	1	Fan	
39A	7020110	1	Bell, Front	
39A	7020111	1	Bell, Rear	
39A	7020190	2	Bearing	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
39A	7027887	1	Key, Pulley Woodruff	
39A	3580134	1	Pulley	
39A	7020193	12 ft/3.7m	Cord, Power	
39B	7019680	1	Box, Control Assembly	
		Ref	Note: Replacement 110V Control Box comes with 2 standard Receptacles p/n 4460190. Optional Industrial Twist Lock Receptacles p/n 4460027 must be ordered separately.	
39B	4360542	1	Breaker, Circuit	
39B	2420203	1	Voltmeter	
39B	4460190	1	Receptacle - Standard	
39B	4460027	1	Receptacle - Twist-Lock	
39B	2920162	1	Lamp Assembly	
39B	70002237	1	Diode 6A/600V	
39B	3520028	1	Plug, Hole	
39B	4460961	1	Connector, Harness	
39B	4460705	4	Pin, Male	
40	1001181184	1	Mount, Generator (Lower)	
41	1001183129	1	Mount, Generator (Upper)	
42	1001183913	1	Generator AC Harness (See ELECTRICAL SECTION for Breakdown)	
43	1001183914	1	Generator Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
44	1001148138	1	Belt	
45	4812000	AR	Washer M10	

FIGURE 3-27. GENERATOR INSTALLATION - 7500W - DEUTZ D2.9L4 ENGINE (OPTIONAL)

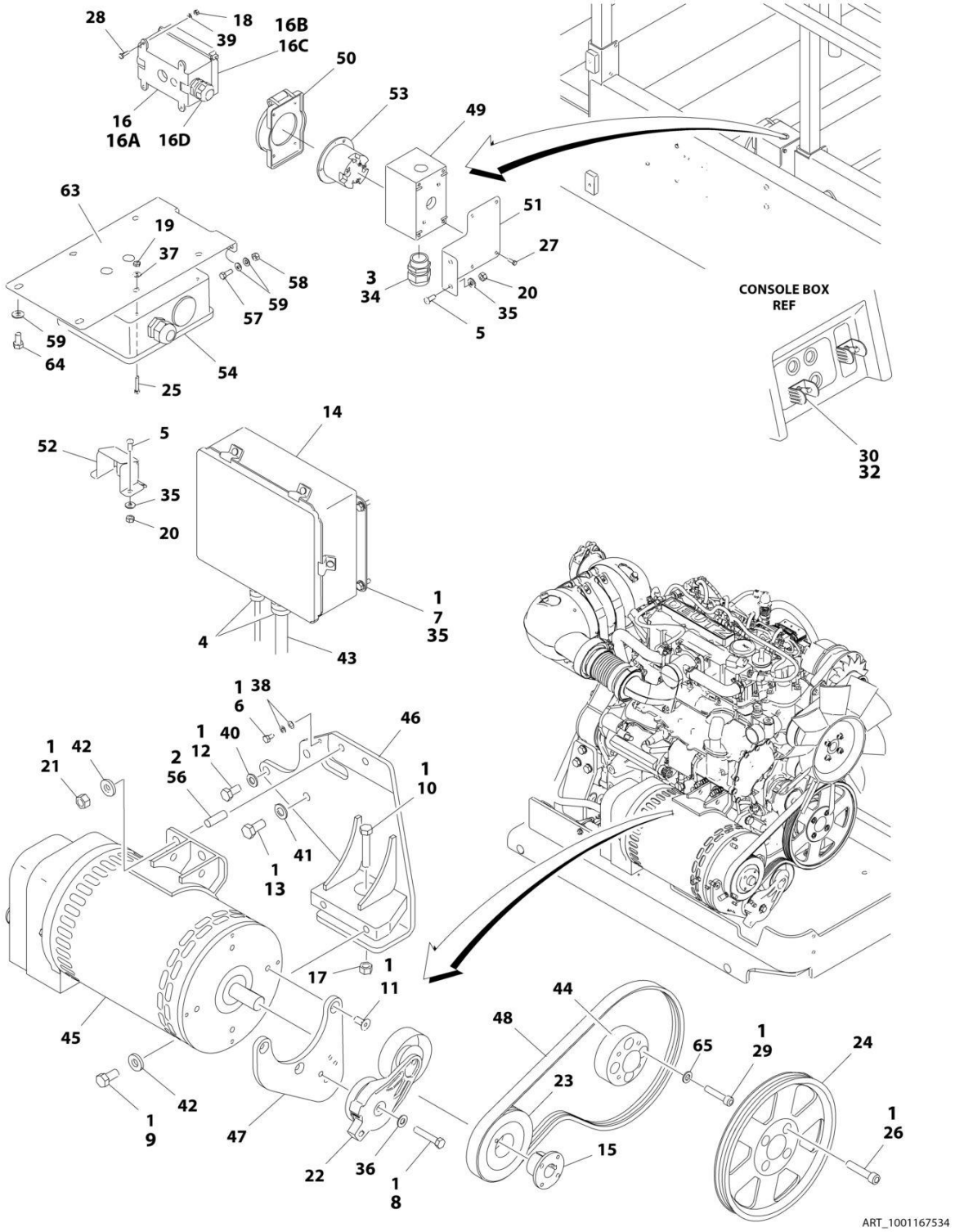


FIGURE 3-27. GENERATOR INSTALLATION - 7500W - DEUTZ D2.9L4 ENGINE (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167534	Ref	GENERATOR INSTALLATION - 7500W - DEUTZ D2.9L4 ENGINE (OPTIONAL)	F
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0100020	AR	Sealant, Pipe (Not Shown)	
4	0100048	AR	Grease, Dielectric	
5	0630407	4	Screw 1/4 x 5/8	
6	0641404	1	Bolt 1/4 x 1/2	
7	0641406	4	Bolt 1/4 x 3/4	
8	0641616	1	Bolt 3/8 x 2	
9	0641808	2	Bolt 1/2 x 1	
10	0681822	1	Bolt 1/2 x 2-3/4 Grade 8	
11	0741607	3	Screw 3/8 x 7/8	
12	0771212	1	Bolt M12 x 25 Grade 10.9	
13	0771414	2	Bolt M14 x 30 Grade 10.9	
14	0861538	1	Box, Generator Control	
14	7024488	1	Card, Circuit - Generator Power (Not Shown)	
14	See Note	1	Fuse (Note: Not Available - Purchase Locally)	
14	7024489	1	Card, Circuit - Control (Not Shown)	
14	70000619	1	Harness, Circuit Card	
15	0962520	1	Bushing, Taper	
16	2902431	1	Kit, Receptacle Box	
16A	0861731	1	Box	
16B	1671207	1	Cover	
16C	4460346	1	Receptacle	
16D	4460662	1	Connector, Strain Relief	
17	3271801	1	Nut 1/2 Grade 8	
18	3290405	4	Nut M4	
19	3311005	4	Nut #10	
20	3311405	4	Nut 1/4	
21	3311801	2	Nut 1/2	
22	3580317	1	Tensioner, Belt (Includes Pulley)	
23	3580318	1	Pulley, Generator	
24	3580320	1	Pulley, Engine	
25	3931016	4	Screw #10 x 1	
26	3931628	4	Capscrew 3/8 x 1-3/4	
27	3940804	4	Self-Tapping	
28	4010408	4	Screw M4 x 16	
29	4032014	4	Bolt M10 x 50	
30	4060802	1	Guard, Switch	
31	4240033	AR	Strap, Tie (Not Shown)	
32	4360482	1	Switch, Toggle (Not Shown - Located on Platform Console Box)	
33	4460315	3	Terminal, Spade (Not Shown)	
34	4460612	1	Connector, Strain Relief	
35	4711400	8	Washer 1/4	
36	4711600	1	Washer 3/8	
37	4751000	4	Washer #10	
38	4791400	2	Washer 1/4	
39	4811400	4	Washer M4	
40	4812100	1	Washer M12	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	4812200	2	Washer M14	
42	4891800	4	Washer 1/2	
43	4922925	1	Harness (See ELECTRICAL SECTION for Breakdown)	
44	1001135679	1	Spacer, Pulley	
45	1001136104	1	Generator, 7500W (Note: No service parts breakdown at time of printing)	
46	1001147780	1	Support, Mount	
47	1001147972	1	Bracket	
48	1001148138	1	Belt	
49	1001148675	1	Box, Receptacle	
50	1001148676	1	Cover	
51	1001148750	1	Support	
52	1001148844	1	Support	
53	1001148907	1	Connector	
54	1001157593	1	Junction Box Assembly Options (See Items JUNCTION BOX ASSEMBLY for Breakdown)	
55	1001148424	1	7500W Generator Harness (Not Shown - See ELECTRICAL DIAGRAM for Breakdown)	
56	1001163599	2	Stud	
57	0641506	2	Bolt 5/16 x 3/4	
58	3311505	2	Nut 5/16	
59	4711500	6	Washer 5/16	
63	1001148559	1	Support	
64	0641505	2	Bolt 5/16 x 5/8	
65	4812000	AR	Washer M10	

FIGURE 3-28. JUNCTION BOX ASSEMBLY - 7500W GENERATOR

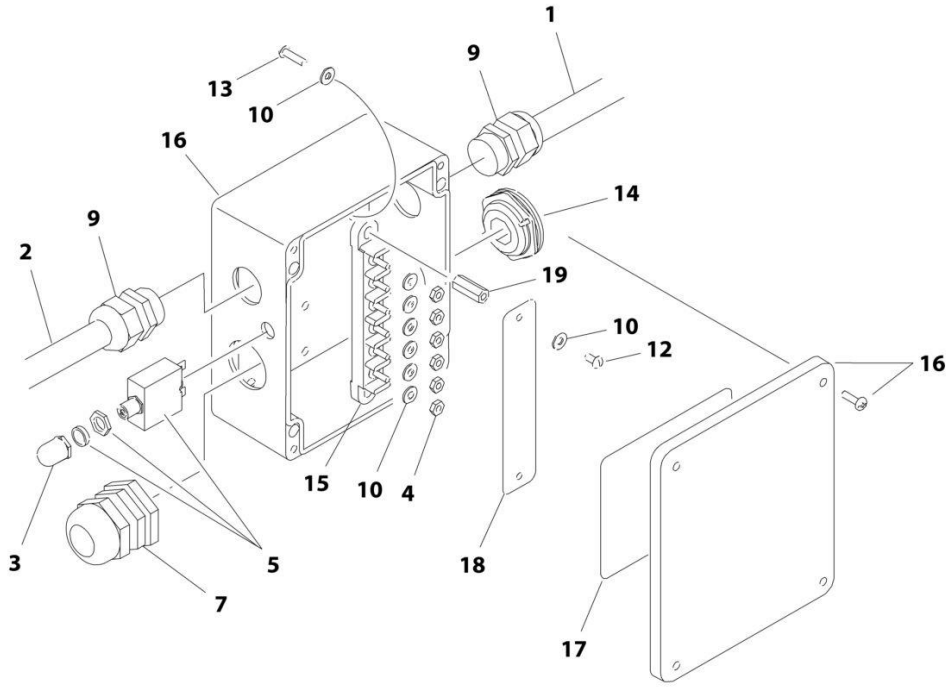


FIGURE 3-28. JUNCTION BOX ASSEMBLY - 7500W GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001157593	Ref	JUNCTION BOX ASSEMBLY - 7500W GENERATOR	C
1	1060394	4.5 ft /1.4m	Cable, Electrical 10/4	
2	1060494	3.5 ft/1m	Cable, Electrical 12/3 **(SN 0200239053 through 0200246366)**	
2	1001179154	3.5 ft/1m	Cable, Electrical 12/3 **(SN 0200246367 to Present)**	
3	3300396	1	Cover, Fuse	
4	3311001	6	Nut #10	
5	4360070	1	Circuit Breaker - 15Amp	
7	4460426	1	Connector, Strain Relief	
9	4460425	2	Connector, Strain Relief	
10	4711000	10	Washer #10	
12	10702077	2	Screw #10 x 3/8	
13	10702082	2	Screw #10 x 3/4	
14	1001148648	1	Plug	
15	1001157520	1	Block, Terminal	
16	1001157521	1	Box, Junction	
17	1001157530	1	Decal - Wiring Schematic	
18	1001158007	1	Plate	
19	1001158008	2	Standoff	

FIGURE 3-29. GENERATOR INSTALLATION - 110V - GM ENGINE (OPTIONAL)

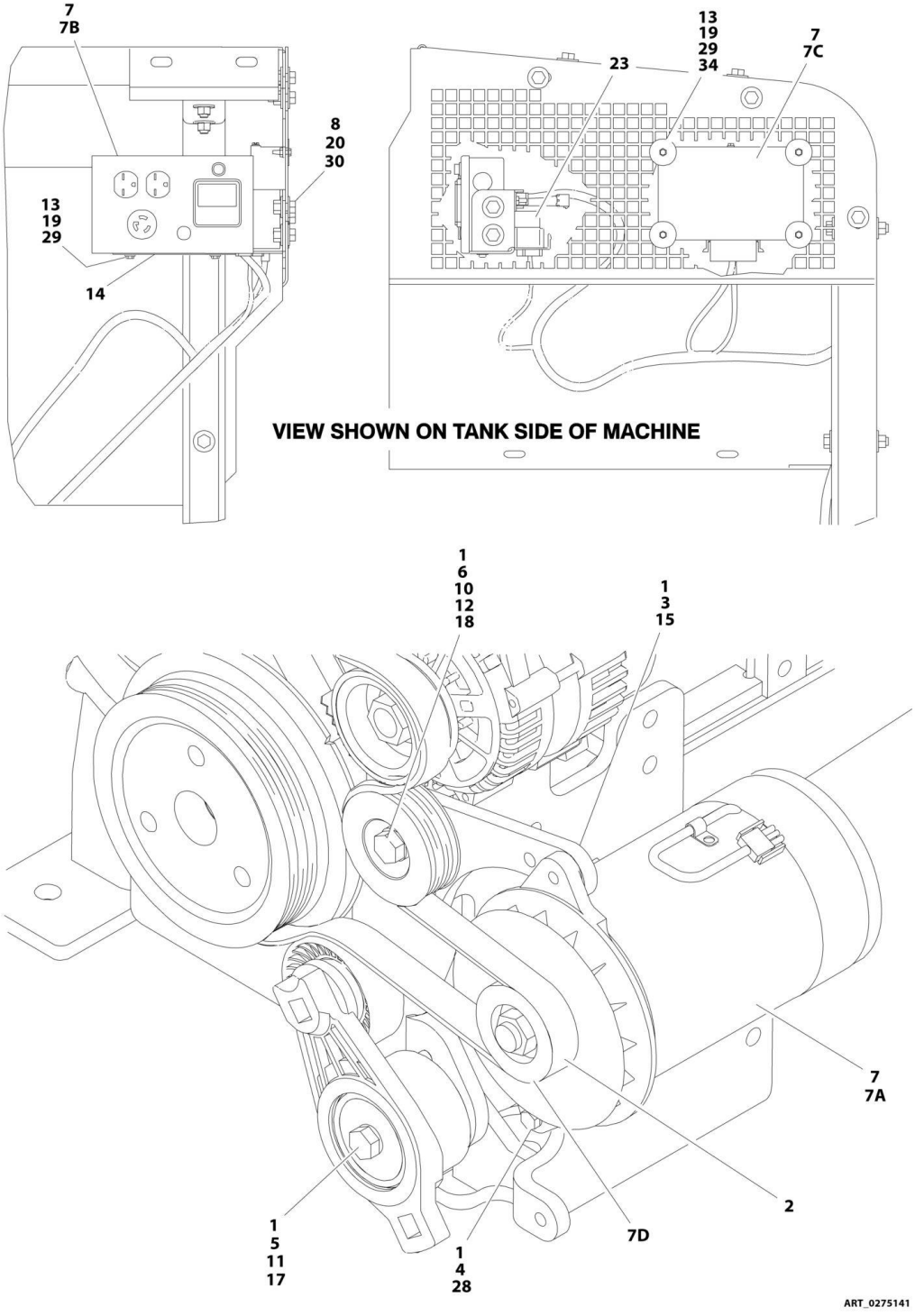


FIGURE 3-29. GENERATOR INSTALLATION - 110V - GM ENGINE (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275141	Ref	110V GENERATOR INSTALLATION (GM ENGINE OPTION)	D
1	0100011	AR	Compound, Locking	
2	0480143	1	Belt, Serpentine	
3	0641510	1	Bolt 5/16 x 1-1/4	
4	0641710	2	Bolt 7/16 x 1-1/4	
5	0700820	1	Bolt M8 x 60	
6	0701016	1	Bolt M10 x 40	
7	2460059	1	Generator and Control Box Assembly	
7A	2460049	1	Generator Assembly	
		Ref	Note: Replacement Generator comes with a 3-1/2in Dia pulley standard, must be changed to p/n 3580324 - 3in pulley (Item 7D) to operate correctly.	
7A	70000122	1	Armature	
7A	7020108	4	Brushes	
7A	7020109	4	Holder, Brush	
7A	7012513	4	Cap, Brush Holder	
7A	7012514	1	Fan	
7A	7020110	1	Bell, Front	
7A	7020111	1	Bell, Rear	
7A	7020190	2	Bearing	
7B	70002241	1	Box, Control Assembly	
		Ref	Note: Replacement 110V Control Box comes with 2 standard Receptacles p/n 4460190. Optional Industrial Twist Lock Receptacles p/n 4460027 must be ordered separately.	
7B	70002240	1	Breaker, Circuit	
7B	2420203	1	Voltmeter	
7B		Ref	Receptacle Options:	
7B	4460190	2	Standard Receptacle	
7B	4460027	2	Twist-Lock Receptacle	
7B	70002237	1	Diode	
7B	3520028	1	Plug	
7C	7026525	1	Regulator, Voltage	
7D	3580324	1	Pulley	
7D	7027887	1	Key, Woodruff	
8	0641606	2	Bolt 3/8 x 3/4	
10	3580312	1	Pulley, Idler	
11	3580348	1	Tensioner, Belt (Includes Pulley)	
12	4568735	1	Tube, Spacer	
13	0721006	7	Screw #10 x 3/4	
14	0902842	1	Bracket, Generator Box Mounting	
15	4751500	AR	Washer 5/16	
16	1061006	1	Cable, AC (See ELECTRICAL SECTION for Breakdown)	
17	4811900	1	Washer M8	
18	4891600	1	Washer 3/8	
19	3311001	7	Nut #10	
20	3311605	2	Nut 3/8	
23	3740080	1	Relay	
25	4060802	1	Guard, Switch (Not Shown - Located on Platform Console Box)	
26	4360482	1	Switch, Toggle (Not Shown - Located on Platform Console Box)	
28	4711700	2	Washer 7/16	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	4751000	10	Washer #10	
30	4751600	4	Washer 3/8	
33	4922800	1	Harness, Generator (See ELECTRICAL SECTION for Breakdown)	
34	4740362	4	Washer, Fender	

SECTION 4 - SCISSORS ARMS

SECTION 4 - SCISSORS ARMS

FIGURE 4-1. SCISSOR ARMS INSTALLATION - 3394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)

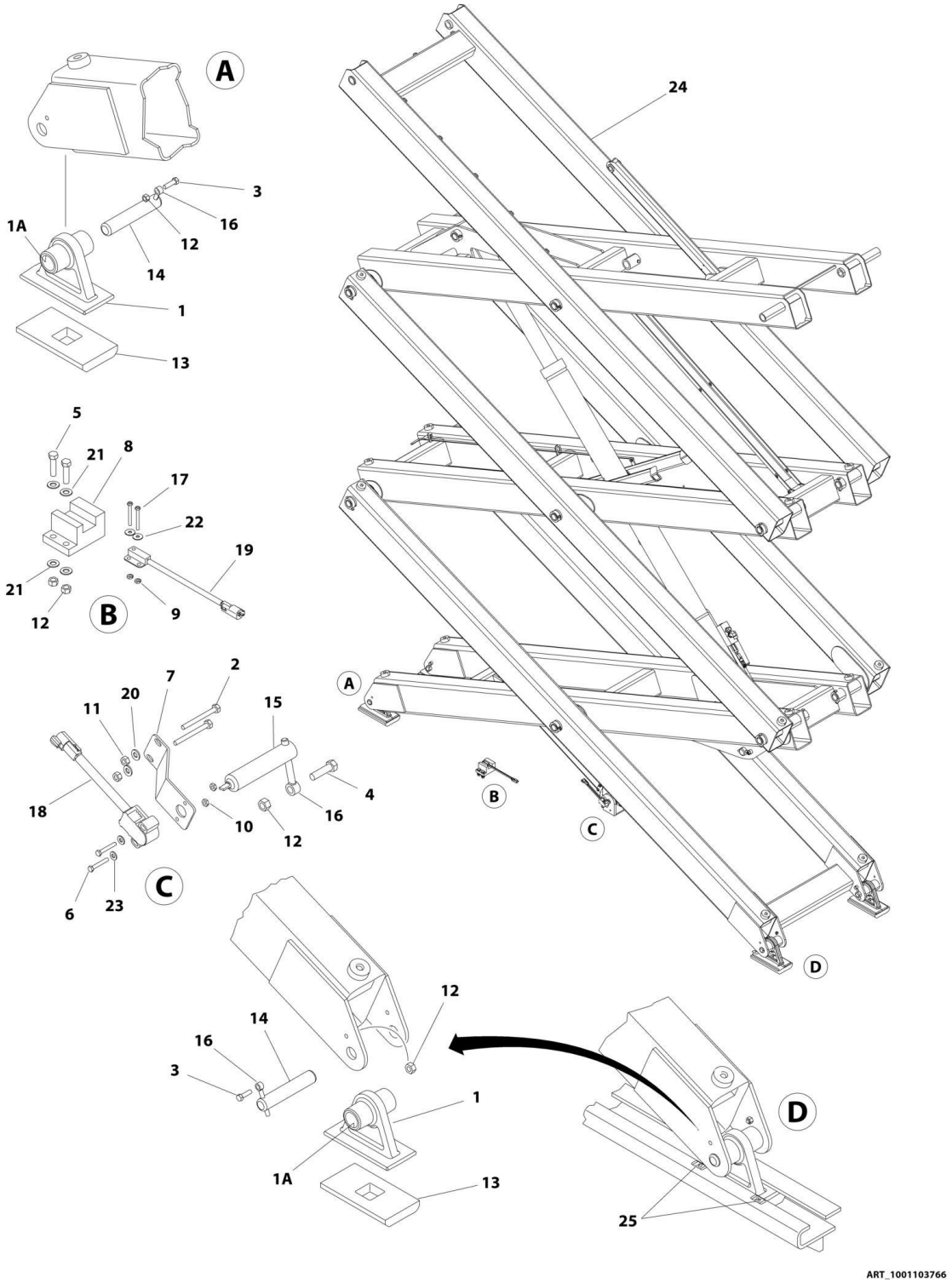
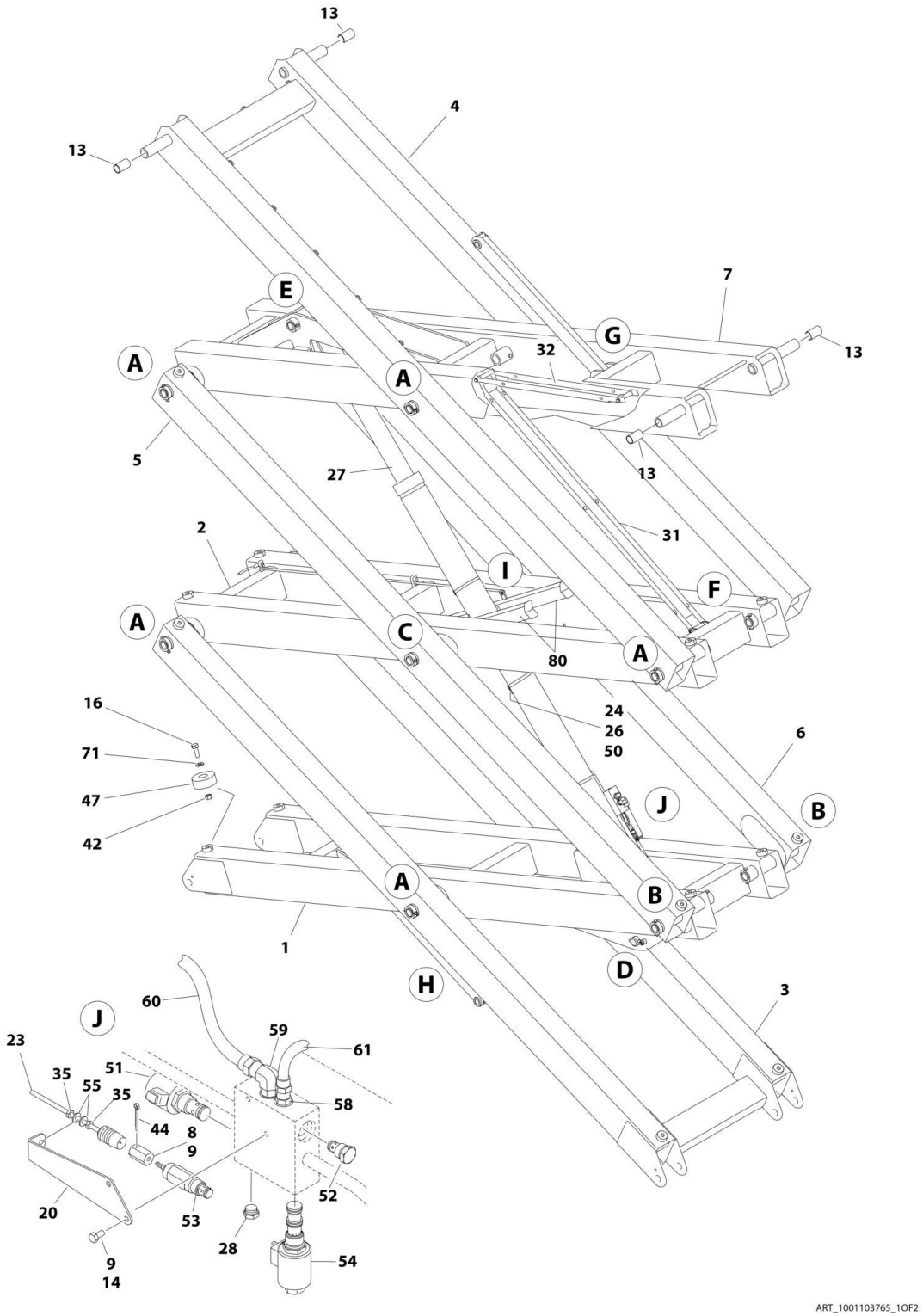


FIGURE 4-1. SCISSOR ARMS INSTALLATION - 3394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103766	Ref	SCISSOR ARMS INSTALLATION - 3394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)	E
1	1001099623	4	Slider	
1A	0440234	4	Bearing (Qty 2 per Slider)	
2	0641420	2	Bolt 1/4 x 2-1/2	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	0641611	1	Bolt 3/8 x 1-3/8	
5	0641612	2	Bolt 3/8 x 1-1/2	
6	0721010	2	Screw #10 x 1-1/4	
7	0902774	1	Bracket, Switch Mounting	
8	3200447	1	Mount, Proximity Switch	
9	3300455	2	Nut #10	
10	3311005	2	Nut #10	
11	3311405	2	Nut 1/4	
12	3311605	7	Nut 3/8	
13	3340935	4	Pad, Slide	
14	3422961	4	Pin	
15	3422963	1	Pin	
16	3841143	5	Keeper, Pin	
17	3900325	2	Screw #10	
18	4360500	1	Switch, Rotary Angle Sensor	
19	4360502	1	Switch, Proximity Sensor	
20	4711400	2	Washer 1/4	
21	4711600	4	Washer 3/8	
22	4740506	2	Washer #10	
23	4751000	2	Washer #10	
24	1001103765	1	Scissor Arms Assembly (See SCISSOR ARMS ASSEMBLY - 3394RT for Breakdown)	
25	1001125243	1	Decal Kit - Calibration (Includes 2 Decals)	

FIGURE 4-2. SCISSOR ARMS ASSEMBLY - 3394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)



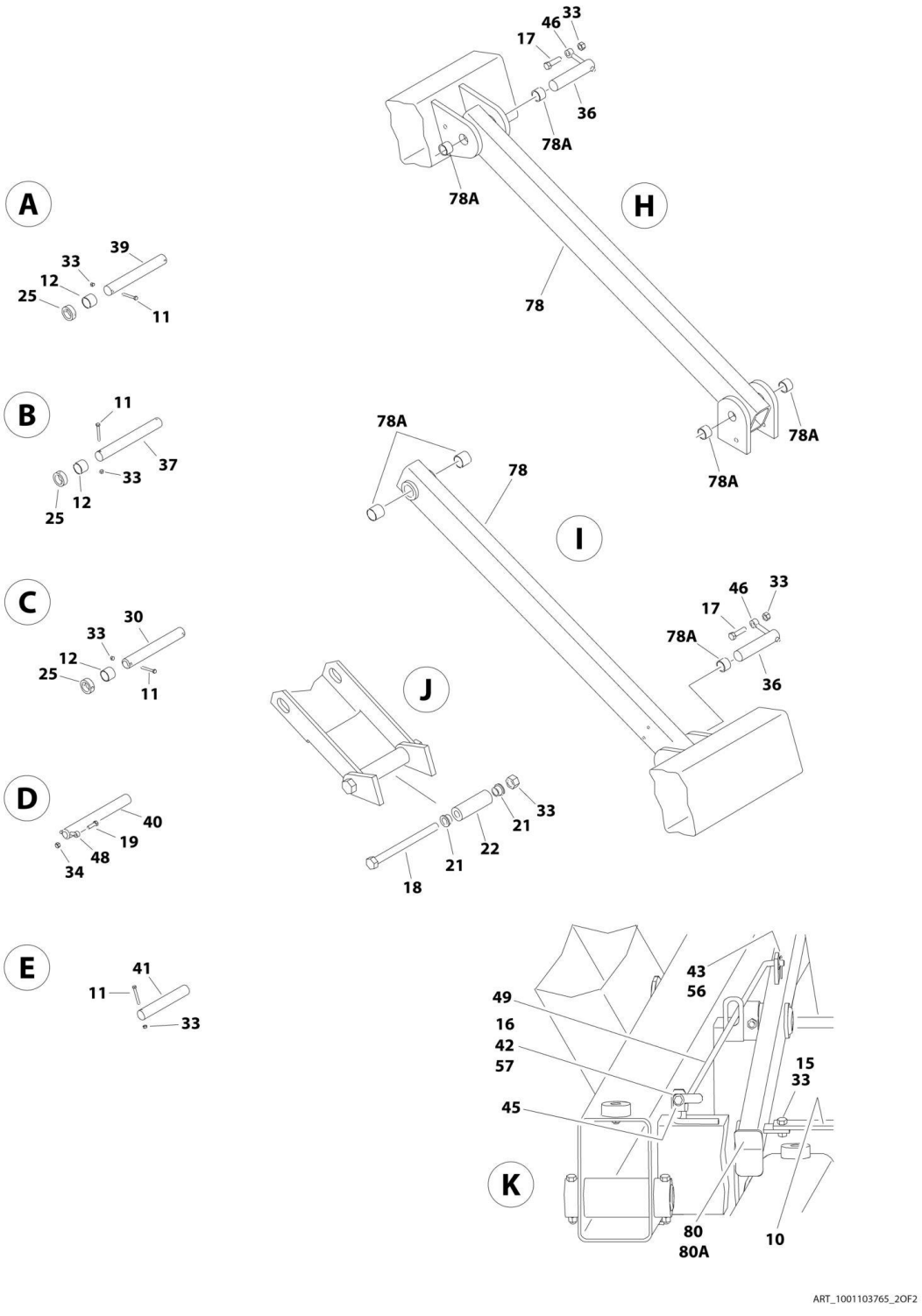

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FIGURE 4-2. SCISSOR ARMS ASSEMBLY - 3394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103765	Ref	SCISSOR ARMS ASSEMBLY - 3394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)	D
1	0200712	1	Arm - Lower Inboard	
2	0200713	1	Arm - Mid Inboard	
3	0200716	1	Arm - Lower Outboard	
4	0200717	1	Arm - Upper Inboard	
5	0200718	1	Arm - Mid Outboard (Left Side)	
6	0200719	1	Arm - Mid Outboard (Right Side)	
7	0200723	1	Arm - Upper Outboard	
8	0080190	1	Adapter, Cable	
9	0100011	AR	Compound, Locking	
10	0363050	1	Bar, Prop Attach	
11	0681624	29	Bolt 3/8 x 3 Grade 8	
12	0440236	28	Bearing	
13	0440250	4	Bearing	
14	0641505	2	Bolt 5/16 x 5/8	
15	0681607	2	Bolt 3/8 x 7/8 Grade 8	
16	0641507	16	Bolt 5/16 x 7/8	
17	0681612	2	Bolt 3/8 x 1-1/2 Grade 8	
18	0681632	3	Bolt 3/8 x 4 Grade 8	
19	0681813	1	Bolt 1/2 x 1-5/8 Grade 8	
20	0902773	1	Bracket, Cable Mounting	
21	0962031	8	Bushing, Flanged	
22	0962446	3	Spacer	
23	1060929	1	Cable, Manual Descent	
23	7020218	1	Handle, “T”	
23	7019602	1	Bellow	
23	7020219	1	Washer	
24	1320122	3	Clamp	
25	1440331	14	Collar	
26	1670995	3	Cover, Hose/Cable	
27	1684332	1	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
28	2220885	1	Plug	
29	2902149	1	Arm Components Kit (Not Shown - Includes Items 1-7, 12, 13, 16, 31, 32, 42, 47, 71, 78 & 80)	
30	3422965	2	Pin	
31	1180371	1	Carrier, Cable	
32	1180372	1	Carrier, Cable	
33	3271605	36	Nut 3/8 Grade 8	
34	3271805	1	Nut 1/2 Grade 8	
35	3321402	2	Nut 1/4	
36	3422943	2	Pin	
37	3422944	2	Pin	
38	2902062	1	Scissor Arm Kit - 3394RT (Not Shown - Includes Items 1-7)	
39	3422945	10	Pin	
40	3422946	1	Pin	
41	3422954	1	Pin	
42	3311505	16	Nut 5/16	
43	3450304	1	Pin, Cotter 3/32 x 1	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	3450405	1	Pin, Cotter	
45	3573370	1	Plate, Rod Keeper	
46	3841143	2	Keeper, Pin	
47	3340929	16	Pad, Arm	
48	3841203	1	Keeper, Pin	
49	3841556	1	Rod, Prop Actuator	
50	4280295	18 in /46cm	Strip, Protector	
51	1001103760	1	Cartridge, Lift Holding Solenoid	
51	7023923	1	Cartridge - 1001103760 Valve	
51	7023919	1	Seal Kit - 7023923 Valve	
51	70001967	1	Coil - 1001103760 Valve	
52	4641193	1	Cartridge, Check	
52	2900756	1	Seal Kit - 4641193 Valve	
53	4641205	1	Valve, Manual	
53	7017496	1	Seal Kit - 4641205 Valve	
54	4641254	1	Cartridge, Lift Holding Solenoid	
54	7024829	1	Cartridge - 4641254 Valve	
54	7012925	1	Seal Kit - 7024829 Valve	
54	7017451	1	Coil - 4641254 Valve	
55	4711400	2	Washer 1/4	
56	4711600	1	Washer 3/8	
57	4740455	2	Washer, Nylon Shoulder	
58	2110808	1	Fitting, Straight ORFS/ORB	
59	2131008	1	Fitting, 90 ORFS/ORB	
60	2753793	1	Hose	
61	2753794	1	Hose	
62	1060866	1	Cable, Electrical - 12/3	
63	1001103834	1	Ground to Platform Module Harness (See ELECTRICAL SECTION for Breakdown)	
64	4240033	AR	Strap, Tie (Not Shown)	
71	4711500	16	Washer 5/16	
78	0272209	2	Link, Attach	
78A	0962474	8	Bushing (Qty 4 per Link)	
80	0272211	2	Prop, Safety	
80A	0961388	2	Bushing (Qty 1 per Prop)	

FIGURE 4-3. SCISSOR ARMS INSTALLATION - 3394RT (DEUTZ D2.9L4 ENGINE MACHINES)

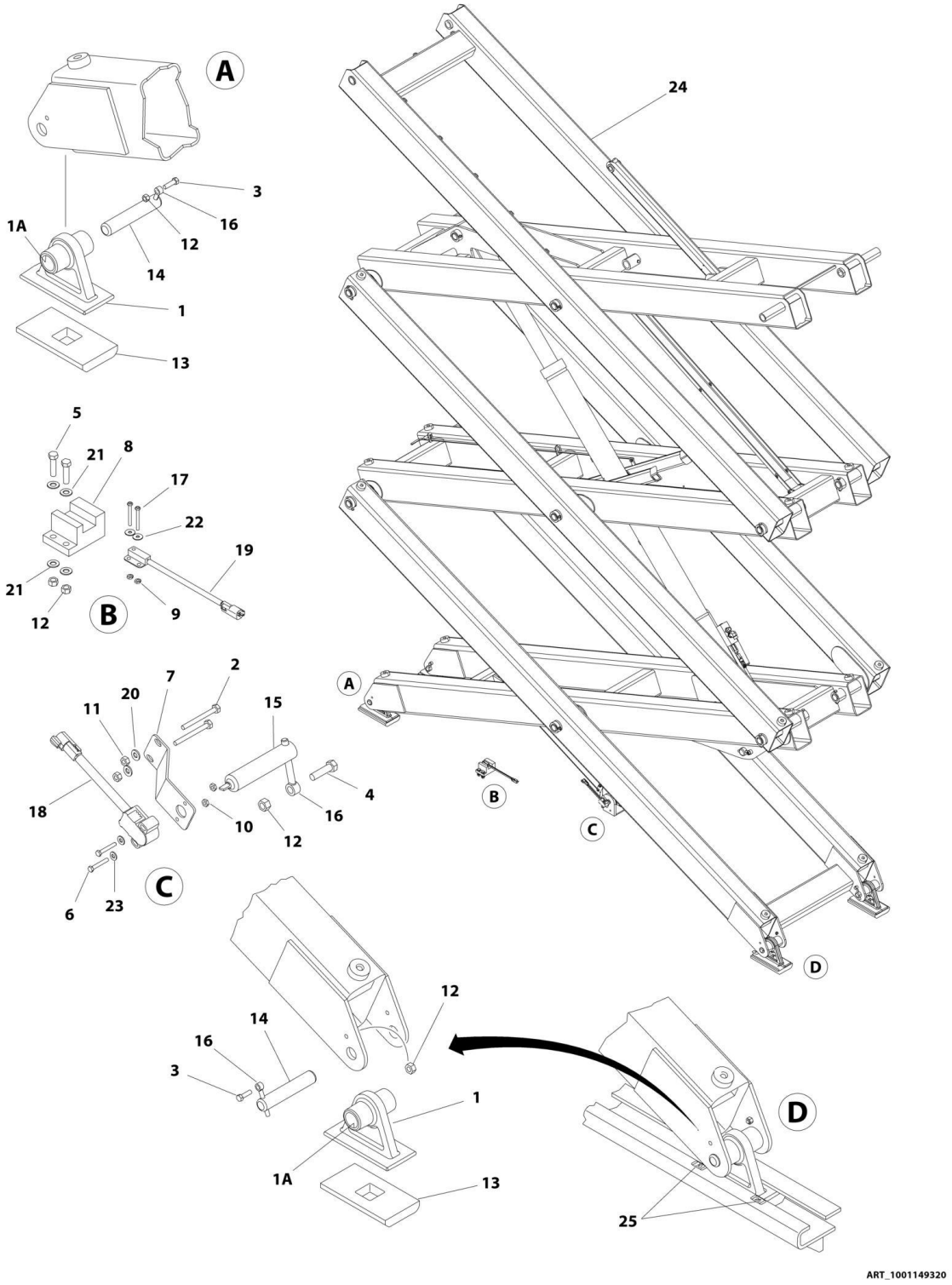
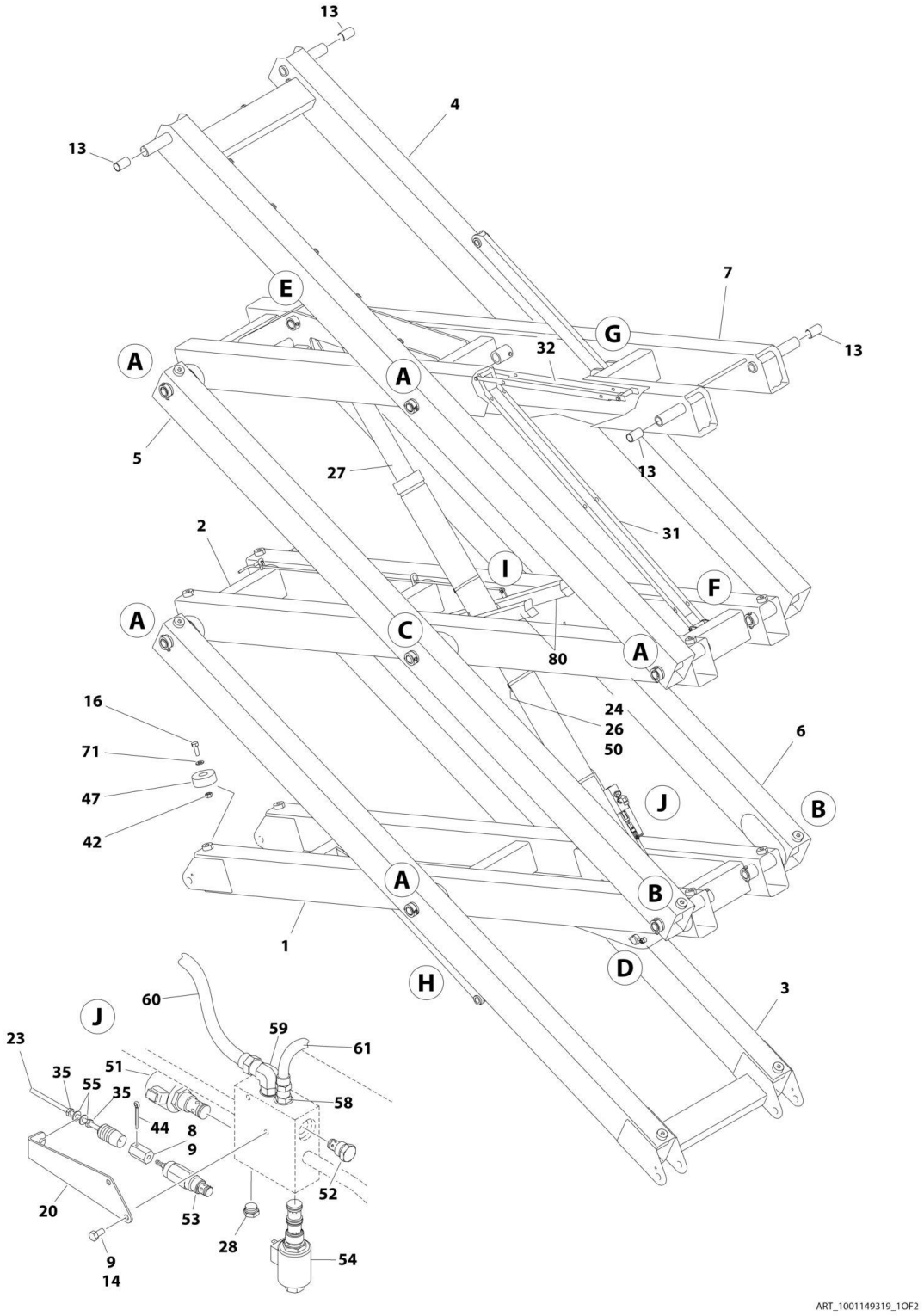


FIGURE 4-3. SCISSOR ARMS INSTALLATION - 3394RT (DEUTZ D2.9L4 ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149320	Ref	SCISSOR ARMS INSTALLATION - 3394RT (DEUTZ D2.9L4 ENGINE MACHINES)	B
1	1001099623	4	Slider	
1A	0440234	4	Bearing (Qty 2 per Slider)	
2	0641420	2	Bolt 1/4 x 2-1/2	
3	0641610	4	Bolt 3/8 x 1-1/4	
4	0641611	1	Bolt 3/8 x 1-3/8	
5	0641612	2	Bolt 3/8 x 1-1/2	
6	0721010	2	Screw #10 x 1-1/4	
7	0902774	1	Bracket, Switch Mounting	
8	3200447	1	Mount, Proximity Switch	
9	3300455	2	Nut #10	
10	3311005	2	Nut #10	
11	3311405	2	Nut 1/4	
12	3311605	7	Nut 3/8	
13	3340935	4	Pad, Slide	
14	3422961	4	Pin	
15	3422963	1	Pin	
16	3841143	5	Keeper, Pin	
17	3900325	2	Screw #10	
18	4360500	1	Switch, Rotary Angle Sensor	
19	4360502	1	Switch, Proximity Sensor	
20	4711400	2	Washer 1/4	
21	4711600	4	Washer 3/8	
22	4740506	2	Washer #10	
23	4751000	2	Washer #10	
24	1001149319	1	Scissor Arms Assembly (See SCISSOR ARMS ASSEMBLY - 3394RT for Breakdown)	
25	1001125243	1	Decal Kit - Calibration (Includes 2 Decals)	

FIGURE 4-4. SCISSOR ARMS ASSEMBLY - 3394RT (DEUTZ D2.9L4 ENGINE MACHINES)



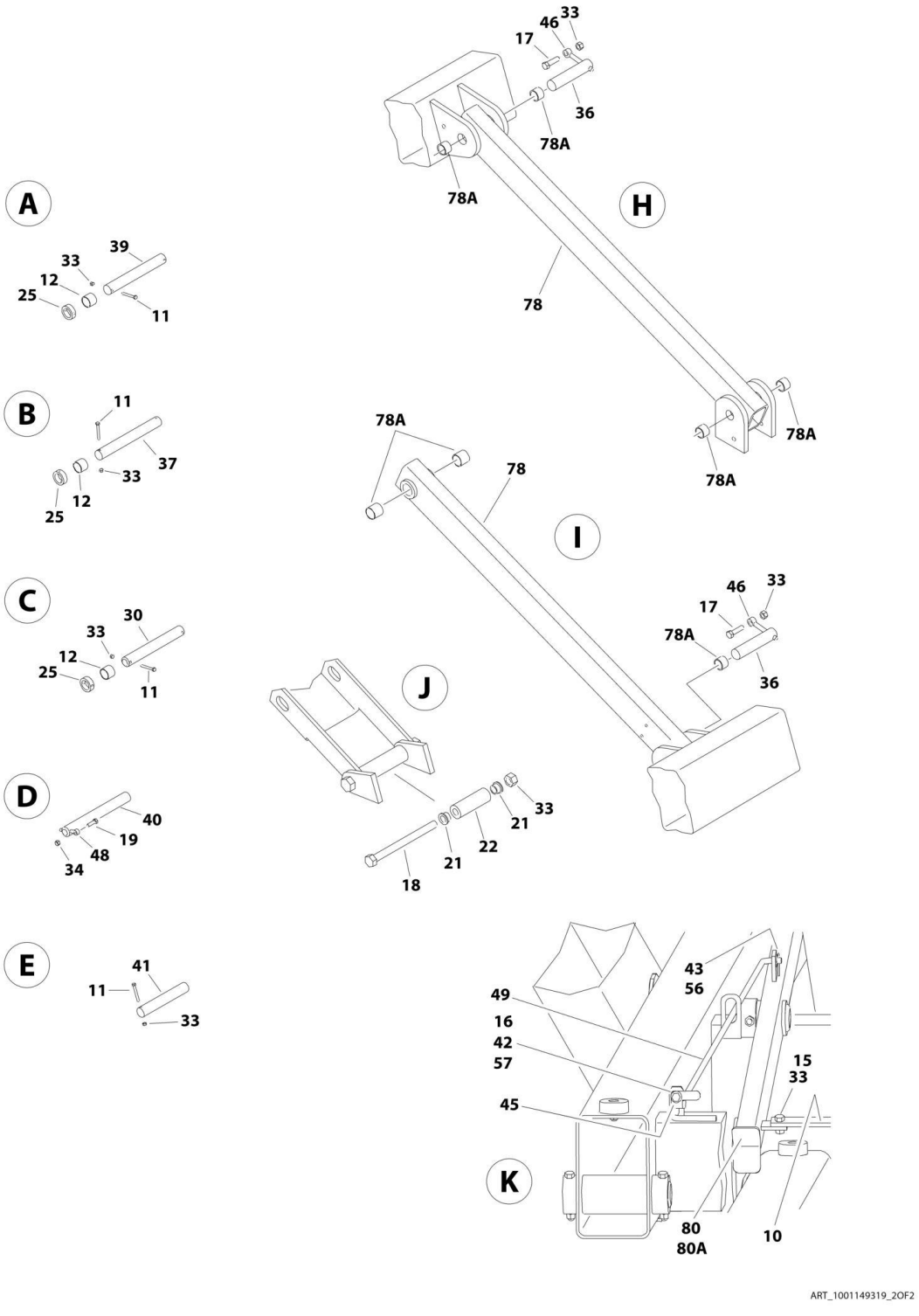

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FIGURE 4-4. SCISSOR ARMS ASSEMBLY - 3394RT (DEUTZ D2.9L4 ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149319	Ref	SCISSOR ARMS ASSEMBLY - 3394RT (DEUTZ D2.9L4 ENGINE MACHINES)	C
1	0200712	1	Arm - Lower Inboard	
2	0200713	1	Arm - Mid Inboard	
3	0200716	1	Arm - Lower Outboard	
4	0200717	1	Arm - Upper Inboard	
5	0200718	1	Arm - Mid Outboard (Left Side)	
6	0200719	1	Arm - Mid Outboard (Right Side)	
7	0200723	1	Arm - Upper Outboard	
8	0080190	1	Adapter, Cable	
9	0100011	AR	Compound, Locking	
10	0363050	1	Bar, Prop Attach	
11	0681624	29	Bolt 3/8 x 3 Grade 8	
12	0440236	28	Bearing	
13	0440250	4	Bearing	
14	0641505	2	Bolt 5/16 x 5/8	
15	0681607	2	Bolt 3/8 x 7/8 Grade 8	
16	0641507	16	Bolt 5/16 x 7/8	
17	0681612	2	Bolt 3/8 x 1-1/2 Grade 8	
18	0681632	3	Bolt 3/8 x 4 Grade 8	
19	0681813	1	Bolt 1/2 x 1-5/8 Grade 8	
20	0902773	1	Bracket, Cable Mounting	
21	0962031	8	Bushing, Flanged	
22	0962446	4	Spacer	
23	1060929	1	Cable, Manual Descent	
23	7020218	1	Handle, “T”	
23	7019602	1	Bellow	
23	7020219	1	Washer	
24	1320122	3	Clamp	
25	1440331	14	Collar	
26	1670995	3	Cover, Hose/Cable	
27	1684332	1	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
28	2220885	1	Plug, ORB	
29	2902149	1	Arm Components Kit (Not Shown - Includes Items 1-7, 12, 13, 16, 31, 32, 42, 47, 71, 78 & 80)	
30	3422965	2	Pin	
31	1180371	1	Carrier, Cable	
32	1180372	1	Carrier, Cable	
33	3271605	36	Nut 3/8 Grade 8	
34	3271805	1	Nut 1/2 Grade 8	
35	3321402	2	Nut 1/4	
36	3422943	2	Pin	
37	3422944	2	Pin	
38	2902062	1	Scissor Arm Kit - 3394RT (Not Shown - Includes Items 1-7)	
39	3422945	10	Pin	
40	3422946	1	Pin	
41	3422954	1	Pin	
42	3311505	16	Nut 5/16	
43	3450304	1	Pin, Cotter 3/32 x 1	
44	3450405	1	Pin, Cotter	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	3573370	1	Plate, Rod Keeper	
46	3841143	2	Keeper, Pin	
47	3340929	16	Pad, Arm	
48	3841203	1	Keeper, Pin	
49	3841556	1	Rod, Prop Actuator	
50	4280295	18 in /46cm	Strip, Protector	
51	1001103760	1	Cartridge, Lift Holding Solenoid	
51	7023923	1	Cartridge - 1001103760 Valve	
51	7023919	1	Seal Kit - 7023923 Valve	
51	70001967	1	Coil - 1001103760 Valve	
52	4641193	1	Cartridge, Check	
52	2900756	1	Seal Kit - 4641193 Valve	
53	4641205	1	Valve, Manual	
53	7017496	1	Seal Kit - 4641205 Valve	
54	4641254	1	Cartridge, Lift Holding Solenoid	
54	7024829	1	Cartridge - 4641254 Valve	
54	7012925	1	Seal Kit - 7024829 Valve	
54	7017451	1	Coil - 4641254 Valve	
55	4711400	2	Washer 1/4	
56	4711600	1	Washer 3/8	
57	4740455	2	Washer, Nylon Shoulder	
58	2110808	1	Fitting, Straight ORFS/ORB	
59	2131008	1	Fitting, 90 ORFS/ORB	
60	2753793	1	Hose	
61	2753794	1	Hose	
62	1001149324	1	Cable, Electrical - 8/5	
63	1001103834	1	Ground to Platform Module Harness (See ELECTRICAL SECTION for Breakdown)	
64	4240033	AR	Strap, Tie (Not Shown)	
71	4711500	16	Washer 5/16	
78	0272209	2	Link, Attach	
78A	0962474	8	Bushing (Qty 4 per Link)	
80	0272211	2	Prop, Safety	
80A	0961388	2	Bushing (Qty 1 per Prop)	

FIGURE 4-5. SCISSOR ARMS INSTALLATION - 4394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)

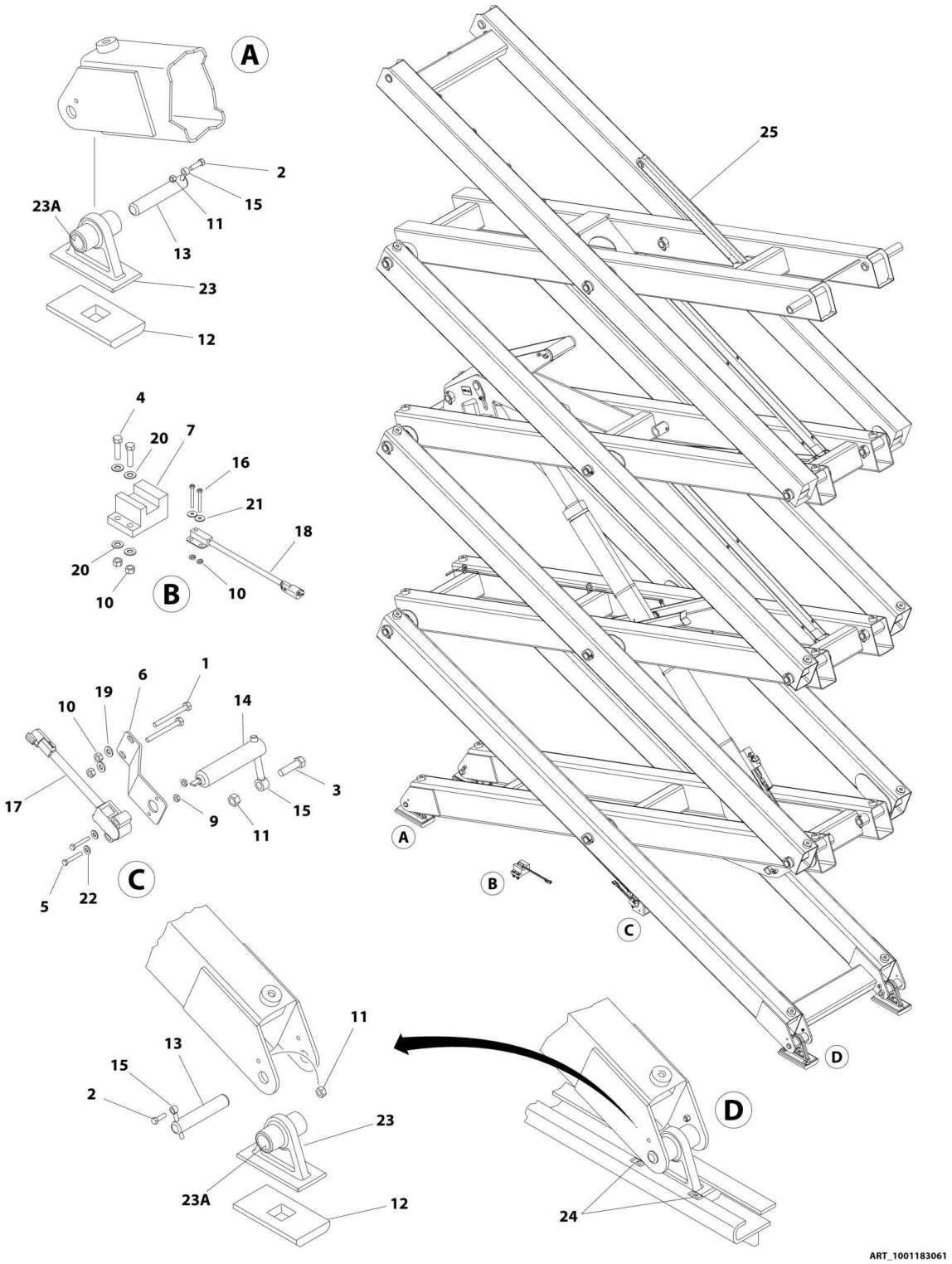
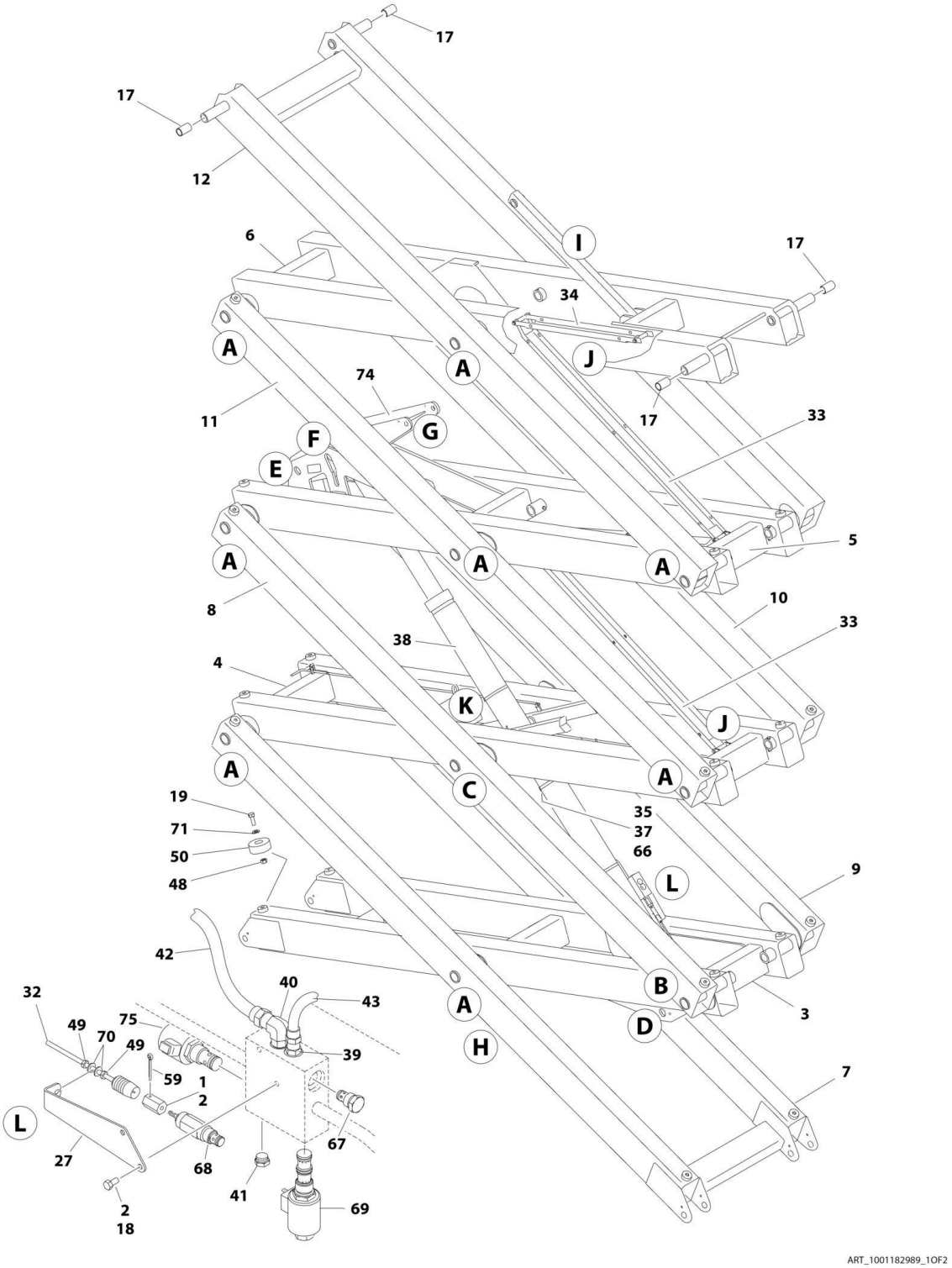


FIGURE 4-5. SCISSOR ARMS INSTALLATION - 4394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183061	Ref	SCISSOR ARMS INSTALLATION - 4394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)	B
1	0641420	2	Bolt 1/4 x 2-1/2	
2	0641610	4	Bolt 3/8 x 1-1/4	
3	0641611	1	Bolt 3/8 x 1-3/8	
4	0641612	2	Bolt 3/8 x 1-1/2	
5	0721010	2	Screw #10 x 1-1/4	
6	0902774	1	Bracket, Switch Mounting	
7	3200447	1	Mount, Proximity Switch	
8	3300455	2	Nut #10	
9	3311005	2	Nut #10	
10	3311405	4	Nut 1/4	
11	3311605	5	Nut 3/8	
12	3340935	4	Pad, Slide	
13	3422961	4	Pin	
14	3422963	1	Pin	
15	3841143	5	Keeper, Pin	
16	3900325	2	Screw #10	
17	4360500	1	Switch, Rotary Angle Sensor	
18	4360502	1	Switch, Proximity Sensor	
19	4711400	2	Washer 1/4	
20	4711600	4	Washer 3/8	
21	4740506	2	Washer #10	
22	4751000	2	Washer #10	
23	1001099623	4	Slider	
23A	0440234	4	Bearing (Qty 2 per Slider)	
24	1001125242	1	Decal Kit - Calibration (Includes 2 Decals)	
25	1001182989	1	Scissor Arms Assembly (See SCISSOR ARMS ASSEMBLY - 4394RT for Breakdown)	

FIGURE 4-6. SCISSOR ARMS ASSEMBLY - 4394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)



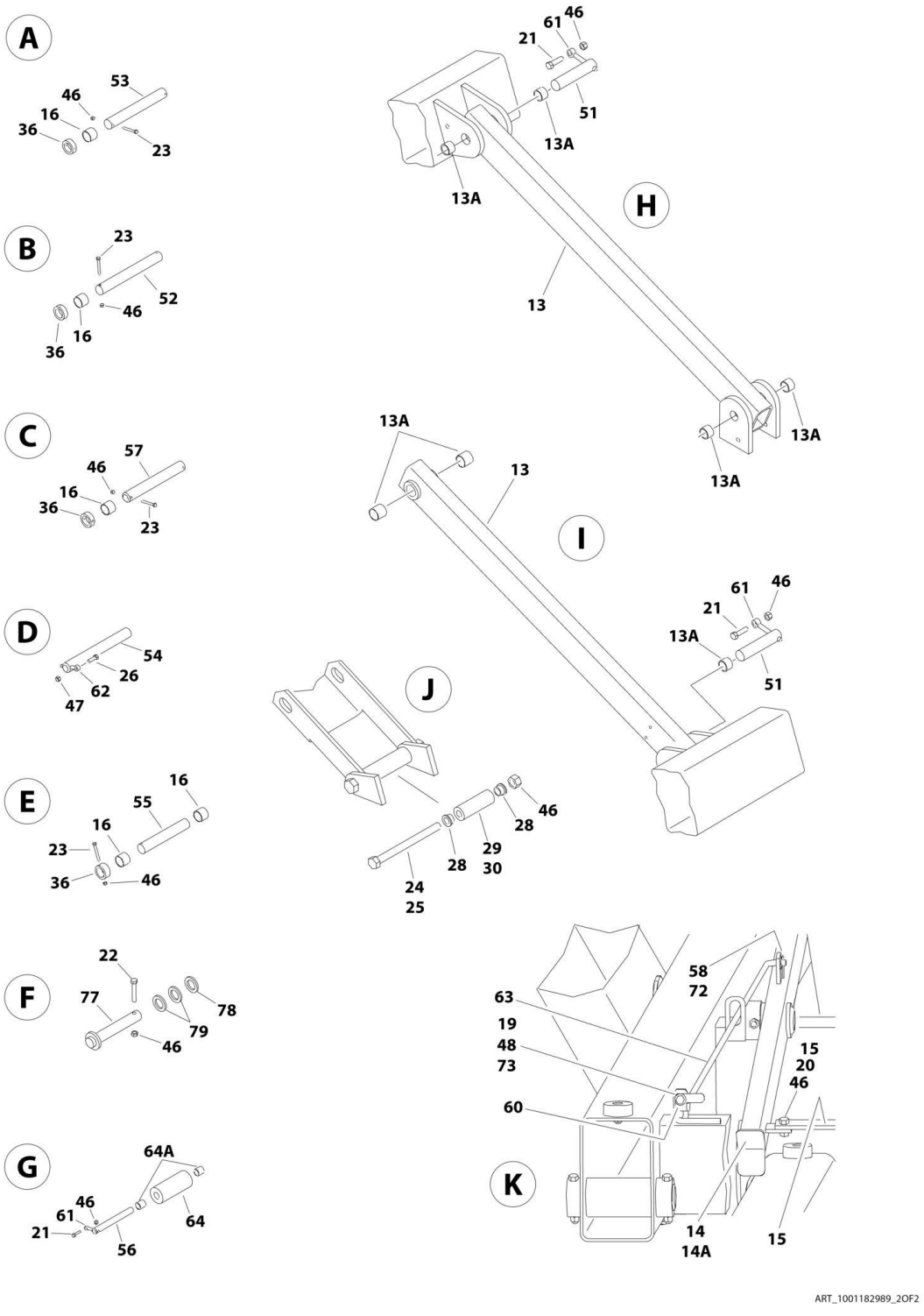

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FIGURE 4-6. SCISSOR ARMS ASSEMBLY - 4394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001182989	Ref	SCISSORS ARMS ASSEMBLY - 4394RT (DEUTZ D2011 ENGINE AND GM ENGINE MACHINES)	B
1	0080190	1	Adapter, Cable	
2	0100011	AR	Compound, Locking	
3	0200712	1	Arm - Lower Inboard	
4	0200713	1	Arm - Upper Mid Inboard	
5	0200714	1	Arm - Upper Mid Inboard	
6	0200715	1	Arm - Upper Inboard	
7	0200716	1	Arm - Lower Outboard	
8	0200718	1	Arm - Lower Mid Outboard (Left Side)	
9	0200719	1	Arm - Lower Mid Outboard (Right Side)	
10	0200720	1	Arm - Upper Mid Outboard (Left Side)	
11	0200721	1	Arm - Upper Mid Outboard (Right Side)	
12	0200722	1	Arm - Upper Outboard	
13	0272209	2	Link, Attach	
13A	0962474	8	Bushing (Qty 4 per Link)	
14	0272211	2	Prop, Safety	
14A	0961388	2	Bushing (Qty 1 per Prop)	
15	0363050	1	Bar, Prop Attach	
16	0440236	42	Bearing	
17	0440250	4	Bearing	
18	0641505	2	Bolt 5/16 x 5/8	
19	0641507	25	Bolt 5/16 x 7/8	
20	0681607	2	Bolt 3/8 x 7/8 Grade 8	
21	0681612	3	Bolt 3/8 x 1-1/2 Grade 8	
22	0681618	1	Bolt 3/8 x 2-1/4 Grade 8	
23	0681624	41	Bolt 3/8 x 3 Grade 8	
24	0681632	4	Bolt 3/8 x 4 Grade 8	
25	0681636	1	Bolt 3/8 x 4-1/2 Grade 8	
26	0681813	1	Bolt 1/2 x 1-5/8 Grade 8	
27	0902773	1	Bracket, Cable Mounting	
28	0962031	16	Bushing, Flanged	
29	0962445	1	Spacer (2.19in Length)	
30	0962446	4	Spacer (2.50in Length)	
31	1060907	1	Cable, Electrical - 12/3 (Not Shown)	
32	1060929	1	Cable, Manual Descent	
32	7020218	1	Handle, “T”	
32	7019602	1	Bellow	
32	7020219	1	Washer	
33	1180371	3	Carrier, Cable	
34	1180372	1	Carrier, Cable	
35	1320122	3	Clamp	
36	1440331	20	Collar	
37	1670995	3	Cover, Hose/Cable	
38	1684332	1	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
39	2110808	1	Fitting, Straight ORFS/ORB	
40	2131008	1	Fitting, 90 ORFS/ORB	
41	2220885	1	Plug, ORB	
42	2753793	1	Hose	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	2753794	1	Hose	
44	2902063	1	Scissor Arm Kit - 4394RT (Not Shown - Includes Items 3-12)	
45	2902150	1	Arm Components Kit (Not Shown - Includes Items 3-14, 16, 17, 19, 33, 34, 48,50, 71 & 74)	
46	3271605	52	Nut 3/8 Grade 8	
47	3271805	1	Nut 1/2 Grade 8	
48	3311505	24	Nut 5/16	
49	3321402	2	Nut 1/4	
50	3340929	24	Pad, Arm	
51	3422943	2	Pin	
52	3422944	2	Pin	
53	3422945	16	Pin	
54	3422946	1	Pin	
55	3422948	1	Pin	
56	3422964	1	Pin	
57	3422965	2	Pin	
58	3450304	1	Pin, Cotter 3/32 x 1	
59	3450405	1	Pin, Cotter	
60	3573370	1	Plate, Rod Keeper	
61	3841143	3	Keeper, Pin	
62	3841203	1	Keeper, Pin	
63	3841556	1	Rod, Prop Actuator	
64	3860102	1	Roller	
64A	0962356	2	Bearing	
65	4240033	AR	Strap, Tie (Not Shown)	
66	4280295	18 in /46cm	Strip, Protector	
67	4641193	1	Cartridge, Check	
67	2900756	1	Seal Kit - 4641193 Valve	
68	4641205	1	Valve, Manual	
68	7017496	1	Seal Kit - 4641205 Valve	
69	4641254	1	Cartridge, Lift Holding Solenoid	
69	7024829	1	Cartridge - 4641254 Valve	
69	7012925	1	Seal Kit - 7024829 Valve	
69	7017451	1	Coil - 4641254 Valve	
70	4711400	2	Washer 1/4	
71	4711500	24	Washer 5/16	
72	4711600	1	Washer 3/8	
73	4740455	2	Washer, Nylon Shoulder	
74	4846460	1	Kicker, Arm	
75	1001103760	1	Cartridge, Lift Holding Solenoid	
75	7023923	1	Cartridge - 1001103760 Valve	
75	7023919	1	Seal Kit - 7023923 Valve	
75	70001967	1	Coil - 1001103760 Valve	
76	1001103835	1	Ground to Platform Module Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
77	1001174384	1	Pin	
78	1001174386	1	Plate	
79	1001174387	2	Pad, Washer	

FIGURE 4-7. SCISSOR ARMS INSTALLATION - 4394RT (DEUTZ D2.9L4 ENGINE MACHINES)

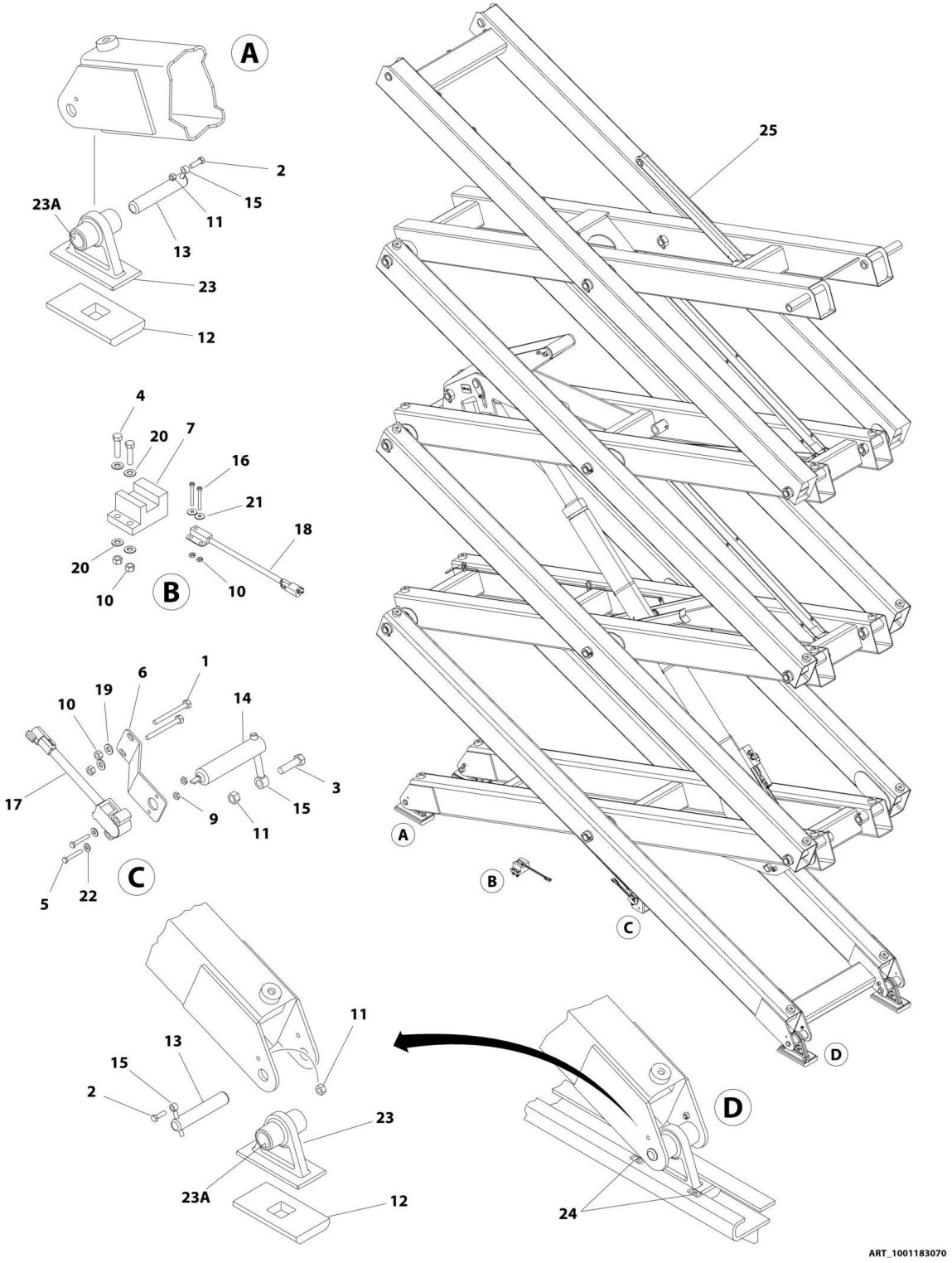
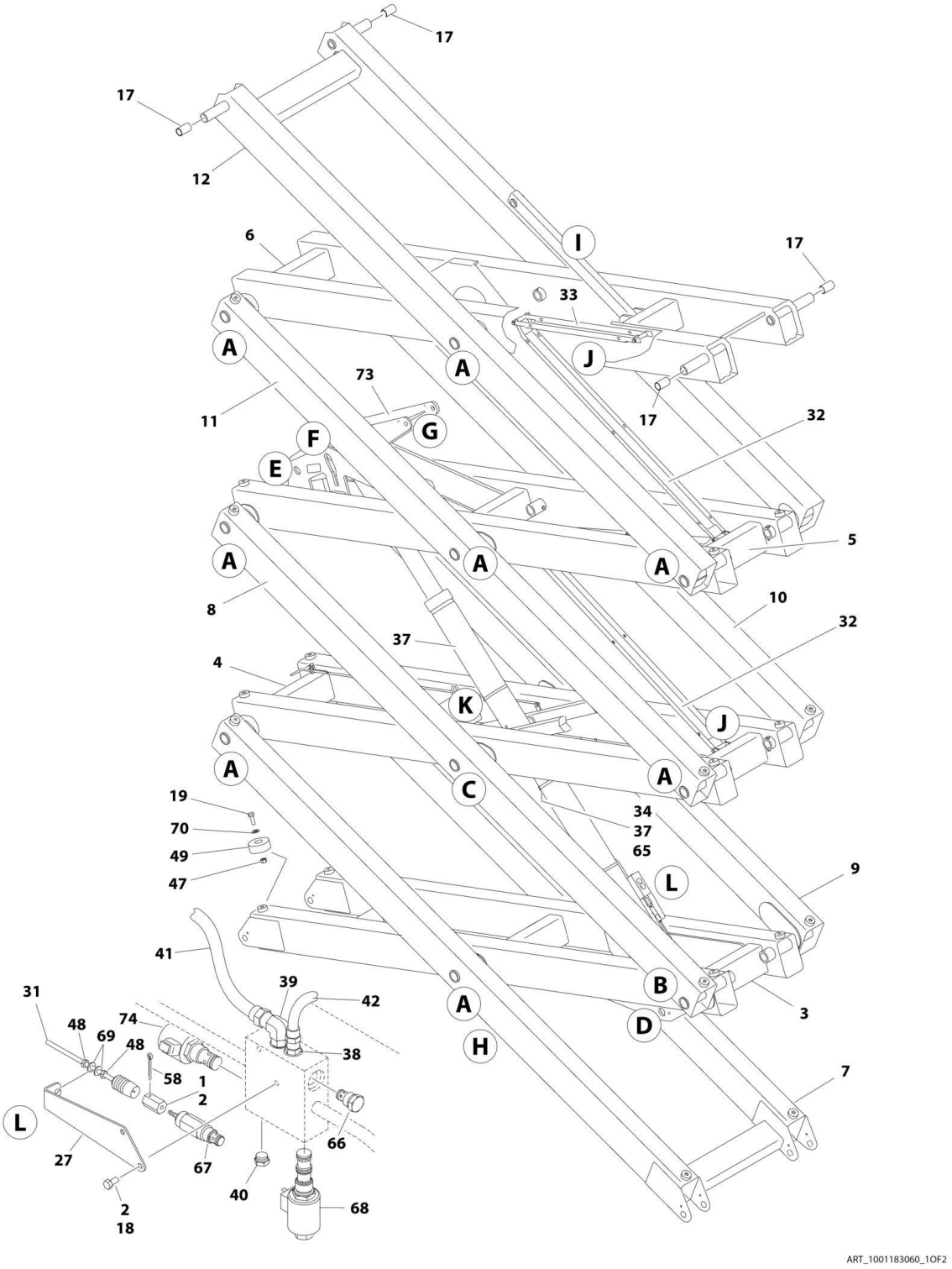


FIGURE 4-7. SCISSOR ARMS INSTALLATION - 4394RT (DEUTZ D2.9L4 ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183070	Ref	SCISSOR ARMS INSTALLATION - 4394RT (DEUTZ D2.9L4 ENGINE MACHINES)	A
1	0641420	2	Bolt 1/4 x 2-1/2	
2	0641610	4	Bolt 3/8 x 1-1/4	
3	0641611	1	Bolt 3/8 x 1-3/8	
4	0641612	2	Bolt 3/8 x 1-1/2	
5	0721010	2	Screw #10 x 1-1/4	
6	0902774	1	Bracket, Switch Mounting	
7	3200447	1	Mount, Proximity Switch	
8	3300455	2	Nut #10	
9	3311005	2	Nut #10	
10	3311405	4	Nut 1/4	
11	3311605	5	Nut 3/8	
12	3340935	4	Pad, Slide	
13	3422961	4	Pin	
14	3422963	1	Pin	
15	3841143	5	Keeper, Pin	
16	3900325	2	Screw #10	
17	4360500	1	Switch, Rotary Angle Sensor	
18	4360502	1	Switch, Proximity Sensor	
19	4711400	2	Washer 1/4	
20	4711600	4	Washer 3/8	
21	4740506	2	Washer #10	
22	4751000	2	Washer #10	
23	1001099623	4	Slider	
23A	0440234	4	Bearing (Qty 2 per Slider)	
24	1001125242	1	Decal Kit - Calibration (Includes 2 Decals)	
25	1001183060	1	Scissor Arms Assembly (See SCISSOR ARMS ASSEMBLY - 4394RT for Breakdown)	

FIGURE 4-8. SCISSORS ARMS ASSEMBLY - 4394RT



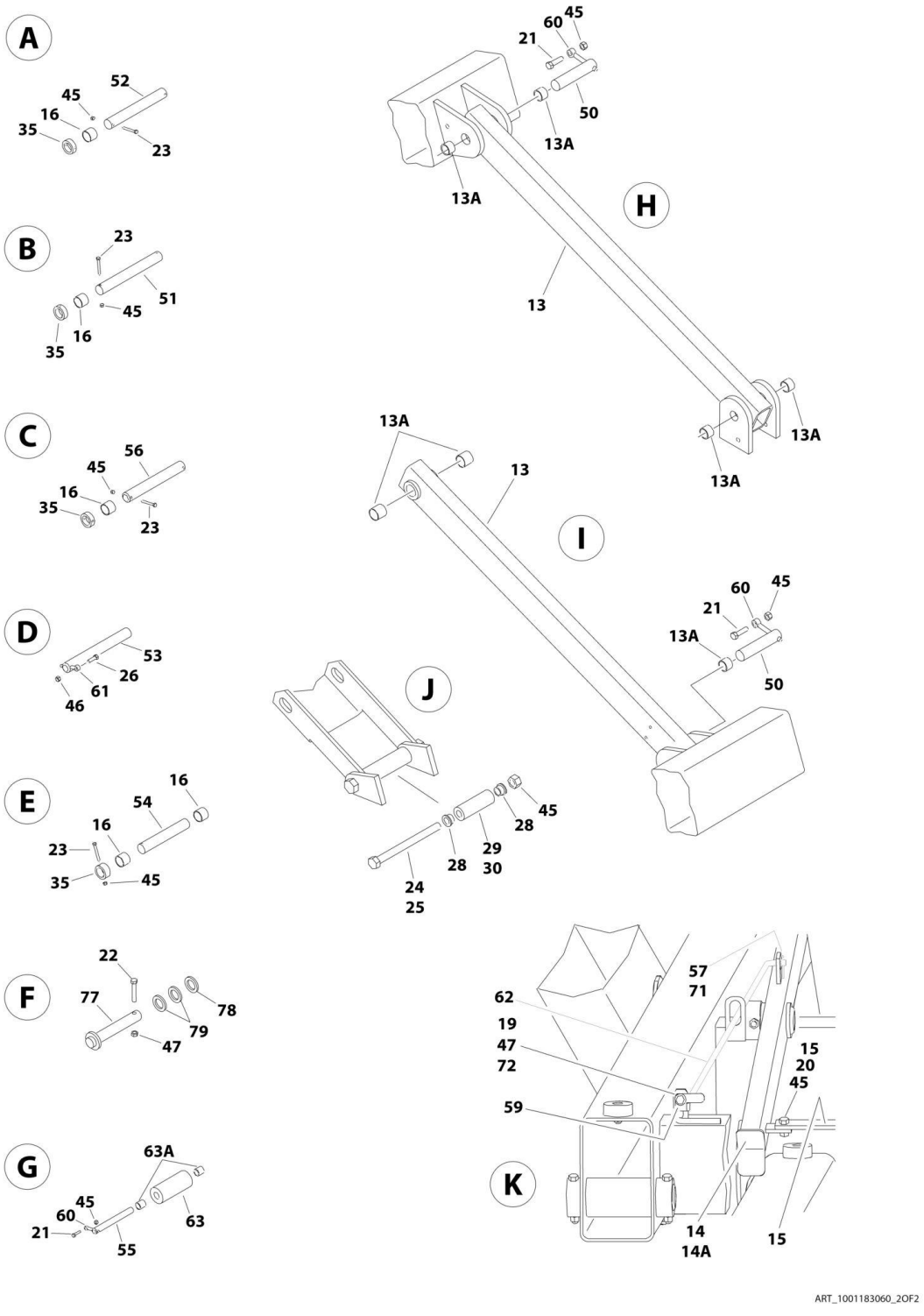

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FIGURE 4-8. SCISSORS ARMS ASSEMBLY - 4394RT (DEUTZ D2.9L4 ENGINE MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183060	Ref	SCISSORS ARMS ASSEMBLY - 4394RT (DEUTZ D2.9L4 ENGINE MACHINES)	B
1	0080190	1	Adapter, Cable	
2	0100011	AR	Compound, Locking	
3	0200712	1	Arm - Lower Inboard	
4	0200713	1	Arm - Upper Mid Inboard	
5	0200714	1	Arm - Upper Mid Inboard	
6	0200715	1	Arm - Upper Inboard	
7	0200716	1	Arm - Lower Outboard	
8	0200718	1	Arm - Lower Mid Outboard (Left Side)	
9	0200719	1	Arm - Lower Mid Outboard (Right Side)	
10	0200720	1	Arm - Upper Mid Outboard (Left Side)	
11	0200721	1	Arm - Upper Mid Outboard (Right Side)	
12	0200722	1	Arm - Upper Outboard	
13	0272209	2	Link, Attach	
13A	0962474	8	Bushing (Qty 4 per Link)	
14	0272211	2	Prop, Safety	
14A	0961388	2	Bushing (Qty 1 per Prop)	
15	0363050	1	Bar, Prop Attach	
16	0440236	42	Bearing	
17	0440250	4	Bearing	
18	0641505	2	Bolt 5/16 x 5/8	
19	0641507	24	Bolt 5/16 x 7/8	
20	0681607	2	Bolt 3/8 x 7/8 Grade 8	
21	0681612	3	Bolt 3/8 x 1-1/2 Grade 8	
22	0681618	1	Bolt 3/8 x 2-1/4 Grade 8	
23	0681624	41	Bolt 3/8 x 3 Grade 8	
24	0681632	4	Bolt 3/8 x 4 Grade 8	
25	0681636	1	Bolt 3/8 x 4-1/2 Grade 8	
26	0681813	1	Bolt 1/2 x 1-5/8 Grade 8	
27	0902773	1	Bracket, Cable Mounting	
28	0962031	16	Bushing, Flanged	
29	0962445	1	Spacer (2.19in Length)	
30	0962446	4	Spacer (2.50in Length)	
31	1060929	1	Cable, Manual Descent	
31	7020218	1	Handle, “T”	
31	7019602	1	Bellow	
31	7020219	1	Washer	
32	1180371	3	Carrier, Cable	
33	1180372	1	Carrier, Cable	
34	1320122	3	Clamp	
35	1440331	20	Collar	
36	1670995	3	Cover, Hose/Cable	
37	1684332	1	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
38	2110808	1	Fitting, Straight ORFS/ORB	
39	2131008	1	Fitting, 90 ORFS/ORB	
40	2220885	1	Plug, ORB	
41	2753793	1	Hose	
42	2753794	1	Hose	
43	2902063	1	Scissor Arm Kit - 4394RT (Not Shown - Includes Items 3-12)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	2902150	1	Arm Components Kit (Not Shown - Includes Items 3-14, 16, 17, 19, 32, 33, 47,49, 70 & 73)	
45	3271605	52	Nut 3/8 Grade 8	
46	3271805	1	Nut 1/2 Grade 8	
47	3311505	24	Nut 5/16	
48	3321402	2	Nut 1/4	
49	3340929	24	Pad, Arm	
50	3422943	2	Pin	
51	3422944	2	Pin	
52	3422945	16	Pin	
53	3422946	1	Pin	
54	3422948	1	Pin	
55	3422964	1	Pin	
56	3422965	2	Pin	
57	3450304	1	Pin, Cotter 3/32 x 1	
58	3450405	1	Pin, Cotter 1/8 x 1-1/4	
59	3573370	1	Plate, Rod Keeper	
60	3841143	3	Keeper, Pin	
61	3841203	1	Keeper, Pin	
62	3841556	1	Rod, Prop Actuator	
63	3860102	1	Roller	
63A	0962356	2	Bearing	
64	4240033	AR	Strap, Tie (Not Shown)	
65	4280295	18 in /46cm	Strip, Protector	
66	4641193	1	Cartridge, Check	
66	2900756	1	Seal Kit - 4641193 Valve	
67	4641205	1	Valve, Manual	
67	7017496	1	Seal Kit - 4641205 Valve	
68	4641254	1	Cartridge, Lift Holding Solenoid	
68	7024829	1	Cartridge - 4641254 Valve	
68	7012925	1	Seal Kit - 7024829 Valve	
68	7017451	1	Coil - 4641254 Valve	
69	4711400	2	Washer 1/4	
70	4711500	24	Washer 5/16	
71	4711600	1	Washer 3/8	
72	4740455	2	Washer, Nylon Shoulder	
73	4846460	1	Kicker, Arm	
74	1001103760	1	Cartridge, Lift Holding Solenoid	
74	7023923	1	Cartridge - 1001103760 Valve	
74	7023919	1	Seal Kit - 7023923 Valve	
74	70001967	1	Coil - 1001103760 Valve	
75	1001103835	1	Ground to Platform Module Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
76	1001149325	1	Cable, Electrical - 8/5 (Not Shown)	
77	1001174384	1	Pin	
78	1001174386	1	Plate	
79	1001174387	2	Pad, Washer	

FIGURE 4-9. ARM GUARDS INSTALLATION - 3394RT (CE SPEC ONLY)

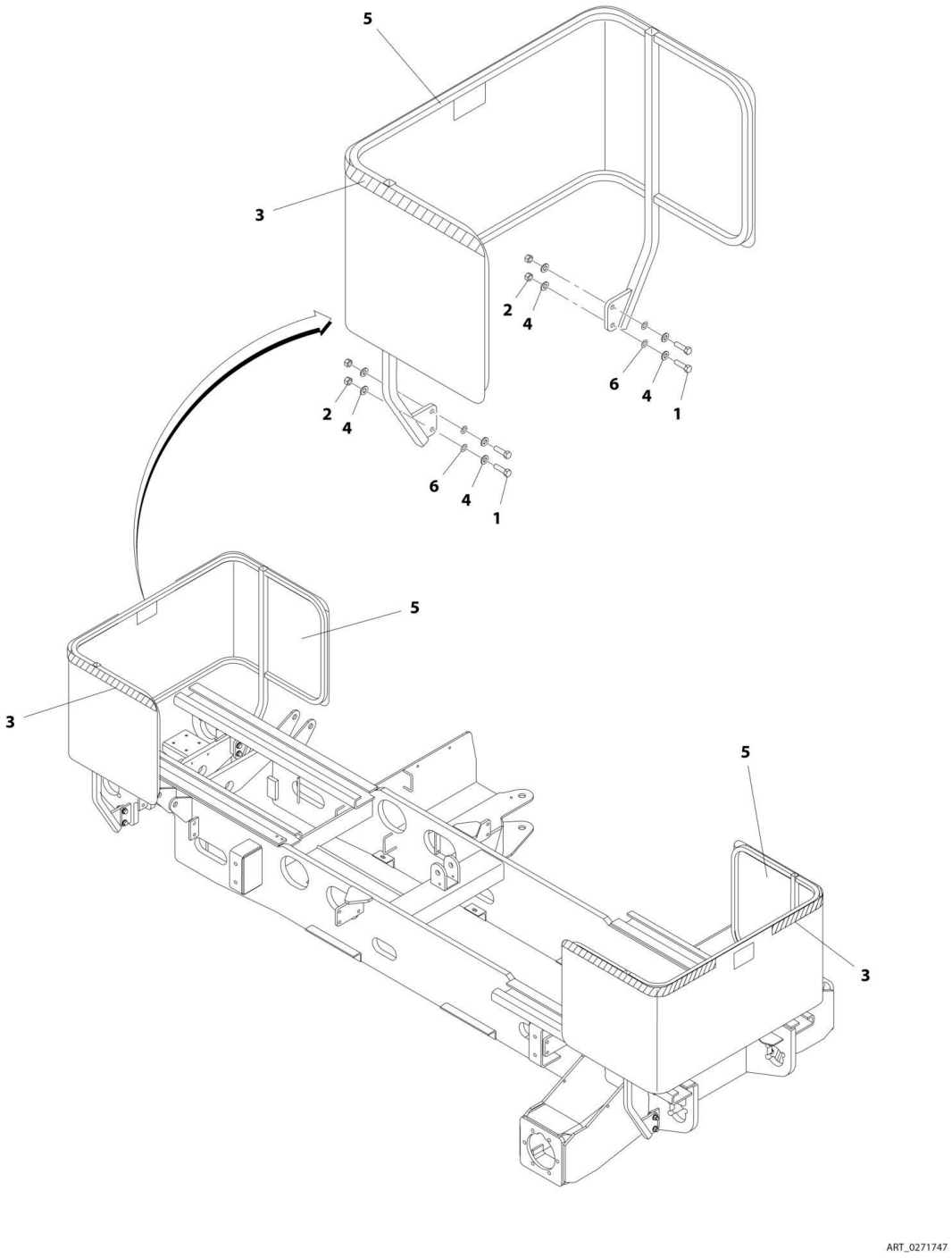


FIGURE 4-9. ARM GUARDS INSTALLATION - 3394RT (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271747	Ref	ARM GUARDS INSTALLATION - 3394RT (CE SPEC ONLY)	F
1	0641814	8	Bolt 1/2 x 1-3/4	
2	3311805	8	Nut 1/2	
3	4420051	14 ft/4.3m	Tape, Safety	
4	4711800	16	Washer 1/2	
5	4061056	2	Guard, Arm	
6	2080072	8	Retainer, Bolt	

FIGURE 4-10. ARM GUARDS INSTALLATION - 4394RT (CE SPEC ONLY)

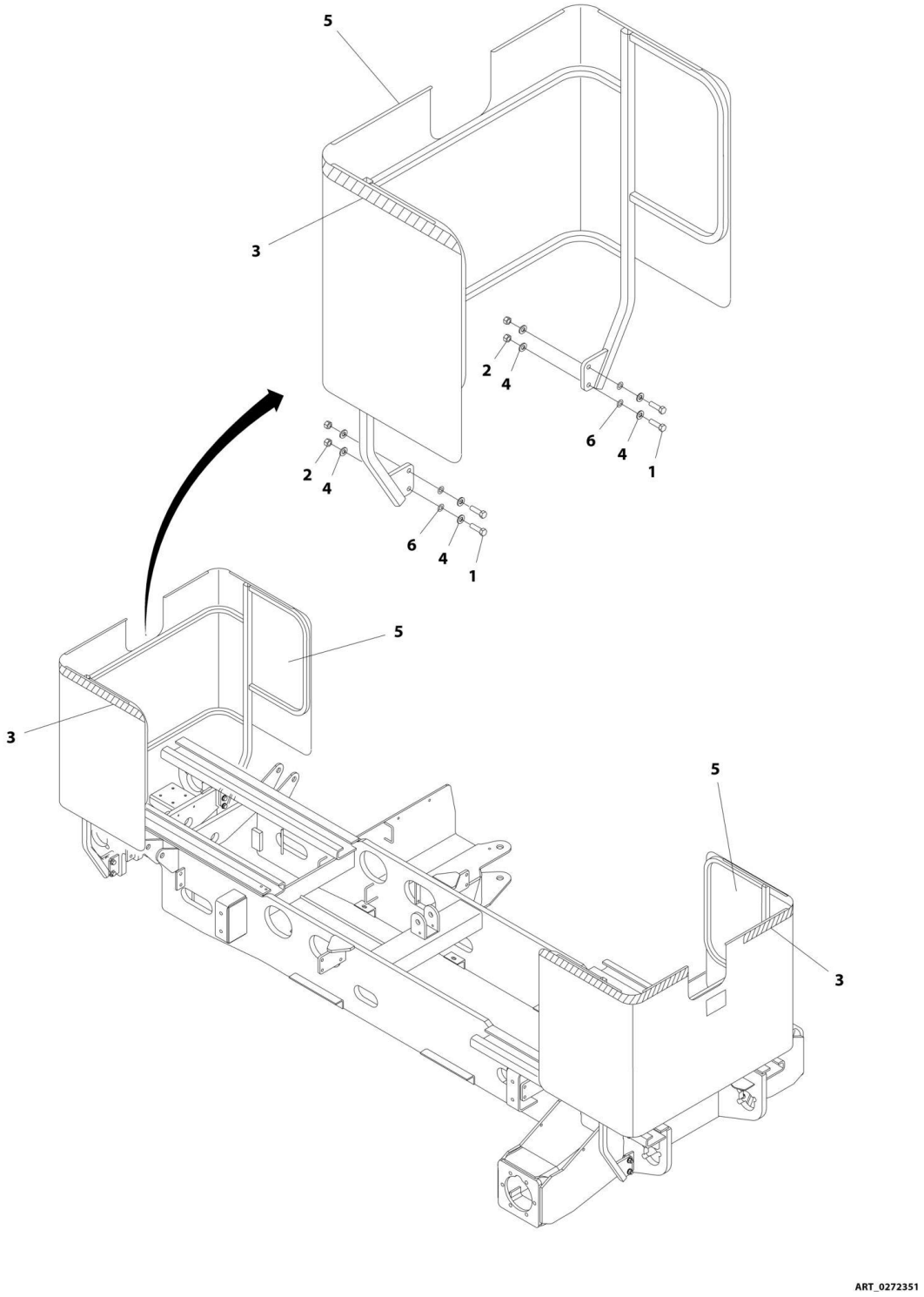


FIGURE 4-10. ARM GUARDS INSTALLATION - 4394RT (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272351	Ref	ARM GUARDS INSTALLATION - 4394RT (CE SPEC ONLY)	G
1	0641814	8	Bolt 1/2 x 1-3/4	
2	3311805	8	Nut 1/2	
3	4420051	13.2 ft/4m	Tape, Safety	
4	4711800	16	Washer 1/2	
5	4061057	2	Guard, Arm	
6	2080072	8	Retainer, Bolt	

SECTION 5 - PLATFORM

FIGURE 5-1. PLATFORM ATTACH INSTALLATIONS - WITHOUT LSS

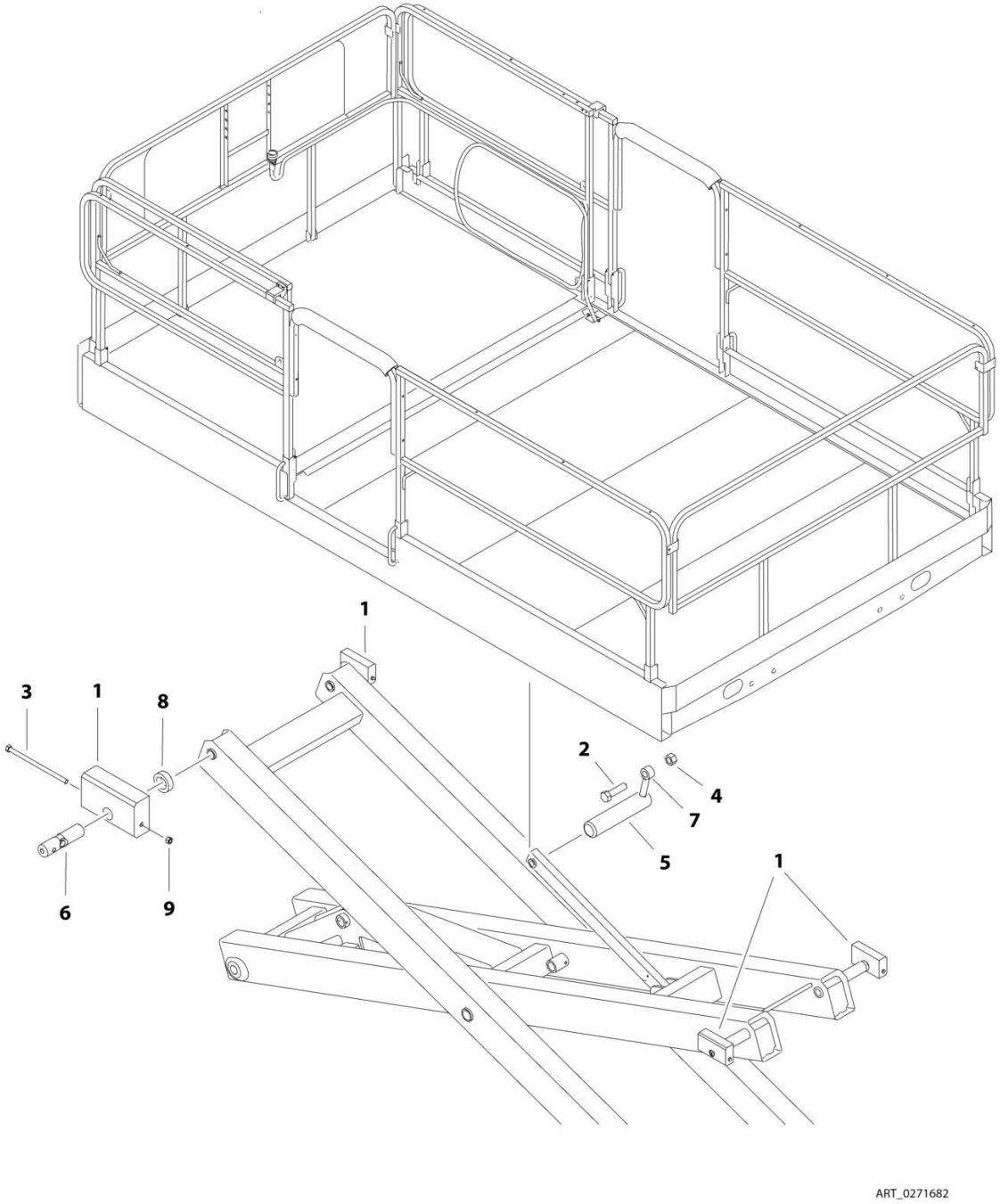


FIGURE 5-1. PLATFORM ATTACH INSTALLATIONS - WITHOUT LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271682	Ref	PLATFORM ATTACH INSTALLATION - WITHOUT LSS	B
1	0561489	4	Block, Slide	
2	0641611	1	Bolt 3/8 x 1-3/8	
3	0701037	4	Bolt M10 x 200	
4	3311605	1	Nut 3/8	
5	3422943	1	Pin	
6	3423049	4	Pin	
7	3841143	1	Keeper, Pin	
8	4568295	4	Tube, Spacer	
9	3291005	4	Nut M10	

FIGURE 5-2. PLATFORM ATTACH INSTALLATION - WITH LSS

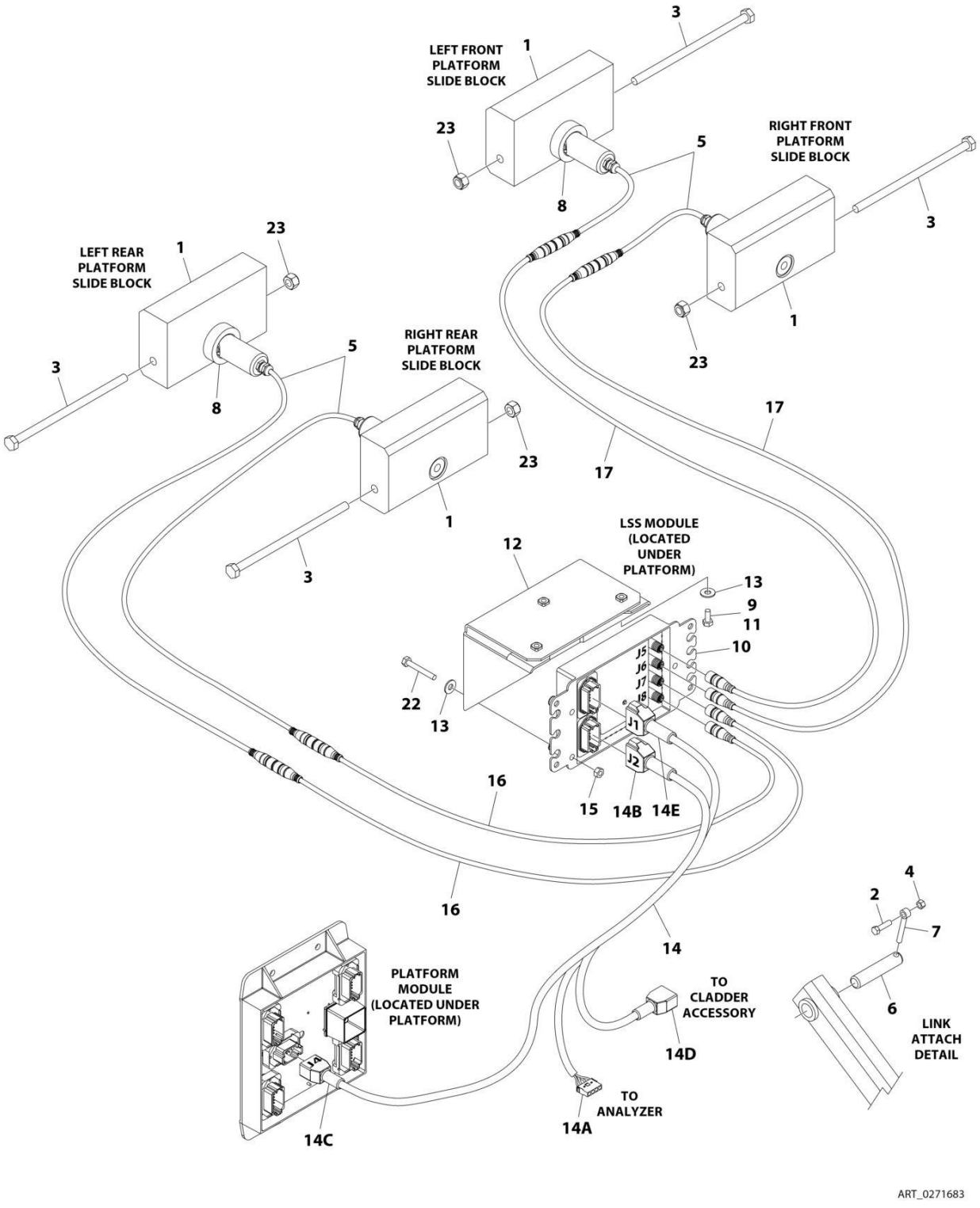


FIGURE 5-2. PLATFORM ATTACH INSTALLATION - WITH LSS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271683	Ref	PLATFORM ATTACH INSTALLATION - WITH LSS	I
1	0561489	4	Block, Slide	
2	0641611	1	Bolt 3/8 x 1-3/8	
3	0701037	4	Bolt M10 x 200	
4	3311605	1	Nut 3/8	
5	3422938	4	Pin, Load Management (Includes Harness)	
6	3422943	1	Pin	
7	3841143	1	Keeper, Pin	
8	4568295	4	Spacer	
9	0100011	AR	Compound, Locking	
10	1600387	1	Module, LSS (Note: Re-calibration Required when Replaced)	
11	0641405	3	Bolt 1/4 x 5/8	
12	0902837	1	Bracket	
13	4751400	6	Washer 1/4	
14	4922882	1	Module to Analyzer Harness	C
14A	4460761	1	Connector, Female 4 Position	
14A	4460294	4	Pin, Male	
14B	4460836	1	Plug, Male 12 Position	
14B	4460465	8	Socket, Female	
14B	4460466	4	Seal, Plug	
14B	0840055	1	Boot	
14C	4460930	1	Plug, Male 8 Position	
14C	4460465	5	Socket, Female	
14C	4460466	3	Seal, Plug	
14C	0840058	1	Boot	
14D	4460931	1	Connector, Female 8 Position	
14D	4460464	5	Pin, Male	
14D	4460466	3	Seal, Plug	
14D	0840058	1	Boot	
14E	4460933	1	Plug, Male 12 Position	
14E	4460465	2	Socket, Female	
14E	4460466	10	Seal, Plug	
14E	0840055	1	Boot	
15	3311405	3	Nut 1/4	
16	1061020	2	Cable, Extension (1 meter)	
17	1061021	2	Cable, Extension (3 meter)	
18	2920026	1	Light, Indicator (Not Shown - Located on Platform Console)	
19	2920029	1	Bulb, Light (Not Shown - Located on Platform Console)	
20	4240033	AR	Tie-Strap (Not Shown)	
22	0641415	3	Bolt 1/4 x 1-7/8	
23	3291005	4	Nut M10	

FIGURE 5-3. PLATFORM MODULE INSTALLATION - 3394RT

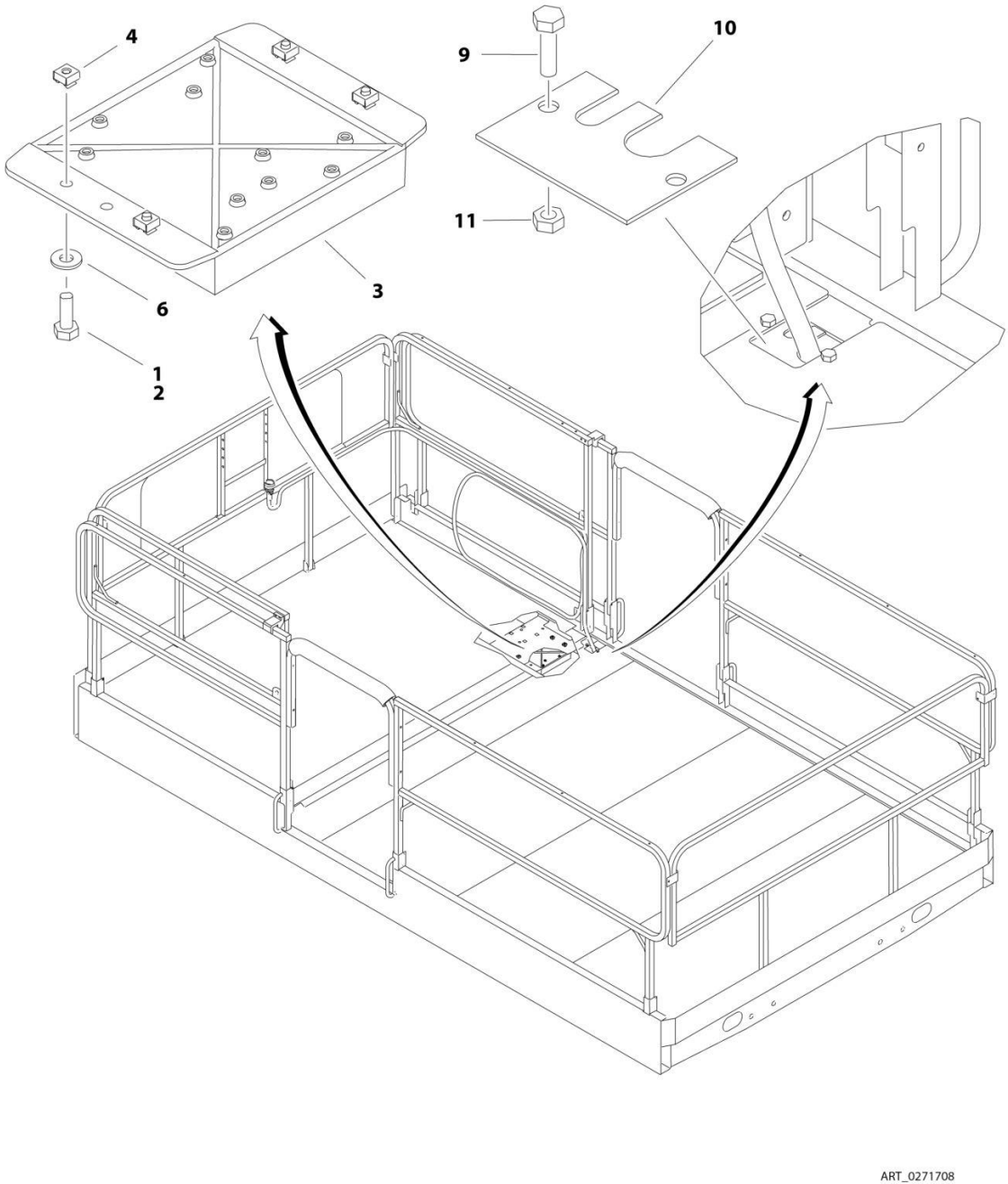


FIGURE 5-3. PLATFORM MODULE INSTALLATION - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271708	Ref	PLATFORM MODULE INSTALLATION - 3394RT	F
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	1001182481	1	Module, Platform (Note: Re-calibration Required when Replaced)	
4	3300182	4	Nut 1/4	
5	4240033	AR	Tie-Strap (Not Shown)	
6	4711400	4	Washer 1/4	
7	4922692	1	Harness, Platform Module (See ELECTRICAL SECTION for Breakdown)	
9	0641404	2	Bolt 1/4 x 1/2	
10	1670988	1	Cover, Cable Access	
11	3311405	2	Nut 1/4	

FIGURE 5-4. PLATFORM MODULE INSTALLATION - 4394RT

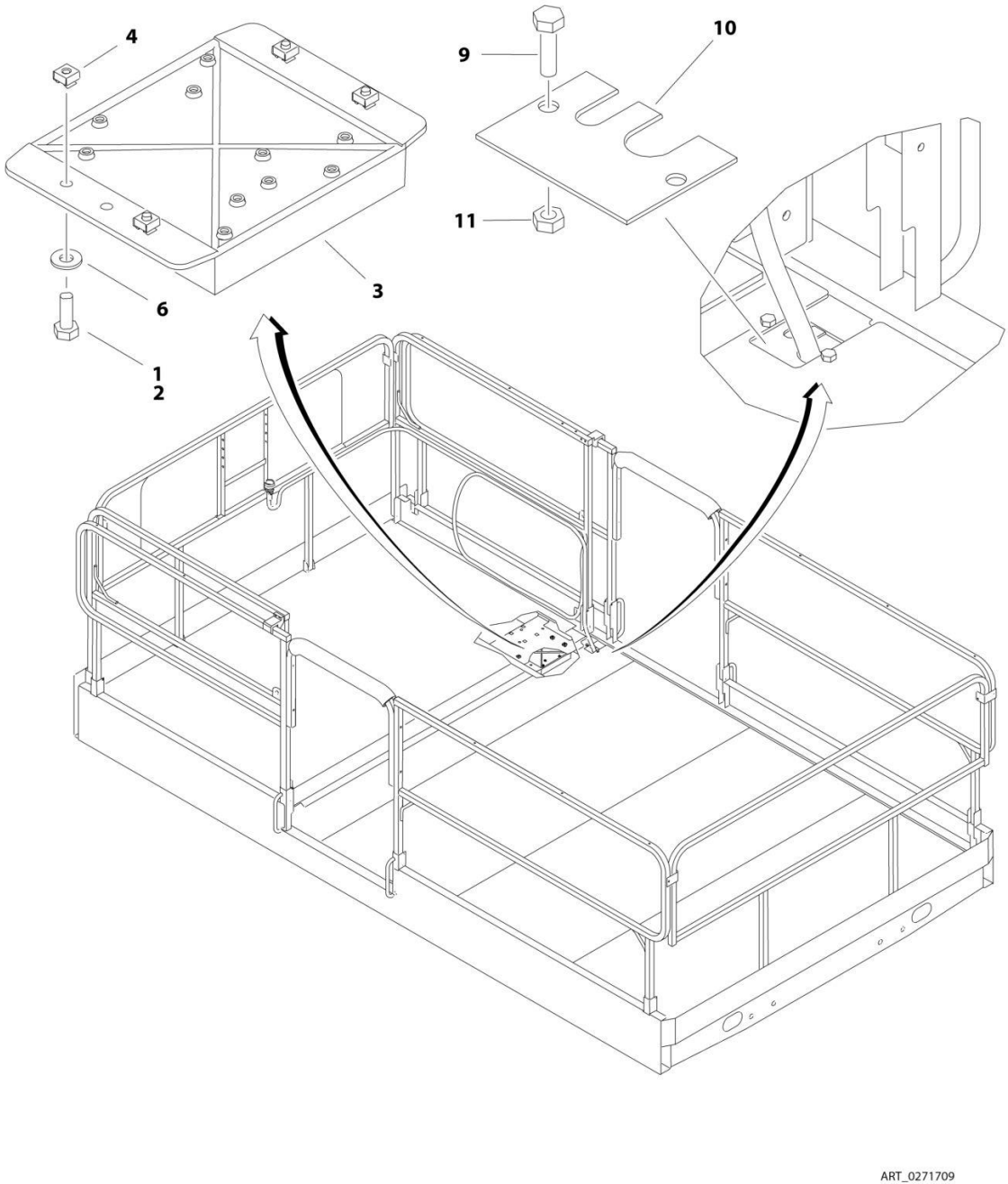


FIGURE 5-4. PLATFORM MODULE INSTALLATION - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271709	Ref	PLATFORM MODULE INSTALLATION - 4394RT	F
1	0100011	AR	Compound, Locking	
2	0641406	4	Bolt 1/4 x 3/4	
3	1001182481	1	Module, Platform (Note: Re-calibration Required when Replaced)	
4	3300182	4	Nut 1/4	
5	4240033	AR	Tie-Strap (Not Shown)	
6	4711400	4	Washer 1/4	
7	4922692	1	Harness, Platform Module (See ELECTRICAL SECTION for Breakdown)	
9	0641404	2	Bolt 1/4 x 1/2	
10	1670988	1	Cover, Cable Access	
11	3311405	2	Nut 1/4	

FIGURE 5-5. MANUAL SINGLE DECK EXTENSION AND PLATFORM INSTALLATION

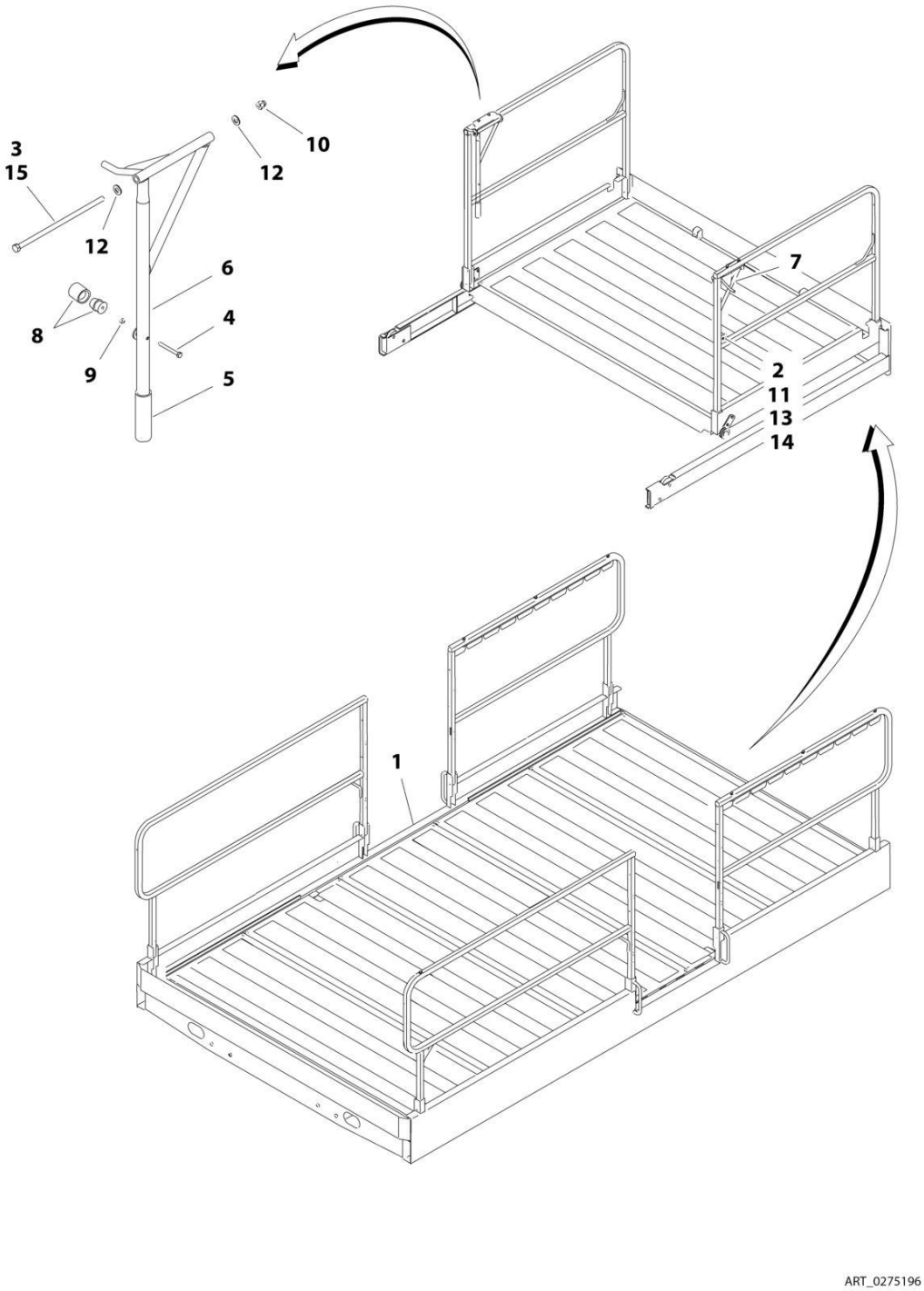


FIGURE 5-5. MANUAL SINGLE DECK EXTENSION AND PLATFORM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275196	Ref	MANUAL SINGLE DECK EXTENSION AND PLATFORM INSTALLATION	C
1	0271700	1	Platform and Deck Extension Assembly (See PLATFORM AND MANUAL SINGLE DECK EXTENSION ASSEMBLY for Breakdown)	
2	0641406	2	Bolt 1/4 x 3/4	
3	0641676	2	Bolt 3/8 x 9-1/2	
4	0700619	2	Bolt M6 x 55	
5	2560088	2	Grip, Handle	
6	2560171	1	Handle (Left)	
7	2560172	1	Handle (Right)	
8	2940127	2	Latch	
9	3290601	2	Nut M6	
10	3300467	2	Nut 3/8	
11	3311405	2	Nut 1/4	
12	4711600	4	Washer 3/8	
13	4751400	4	Washer 1/4	
14	4751600	2	Washer 3/8	
15	0100011	AR	Compound, Locking	

FIGURE 5-6. MANUAL DUAL DECK EXTENSION AND PLATFORM INSTALLATION

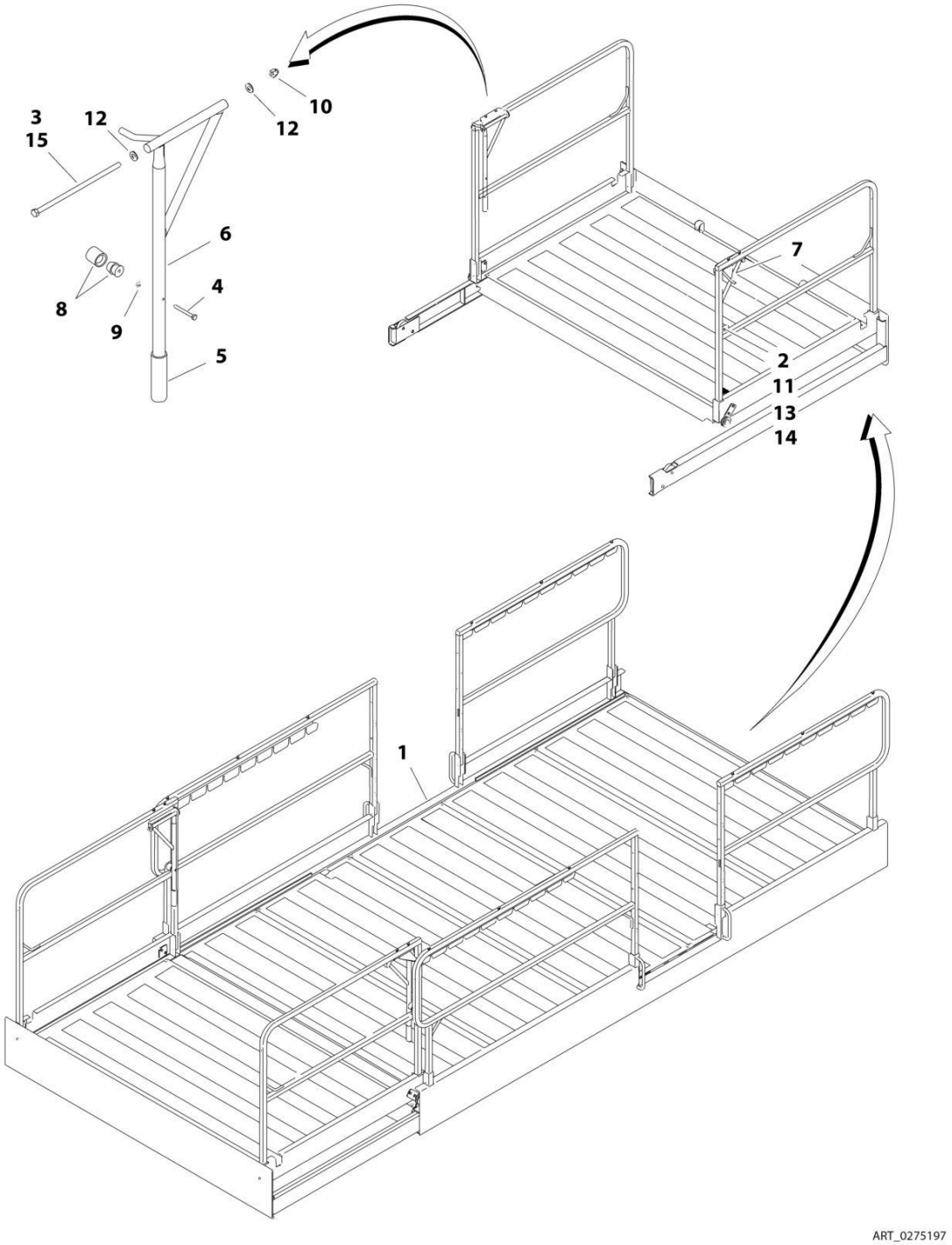
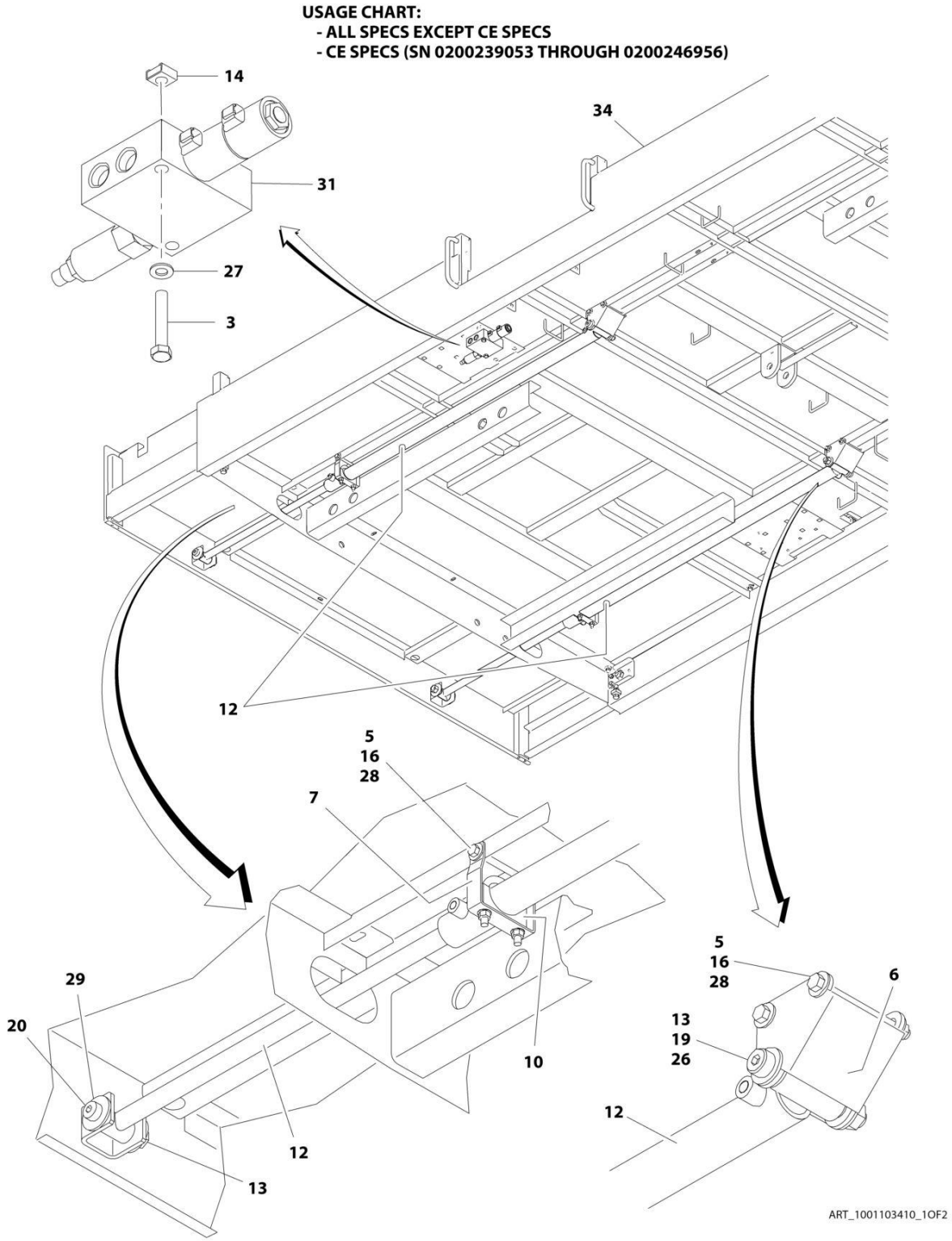
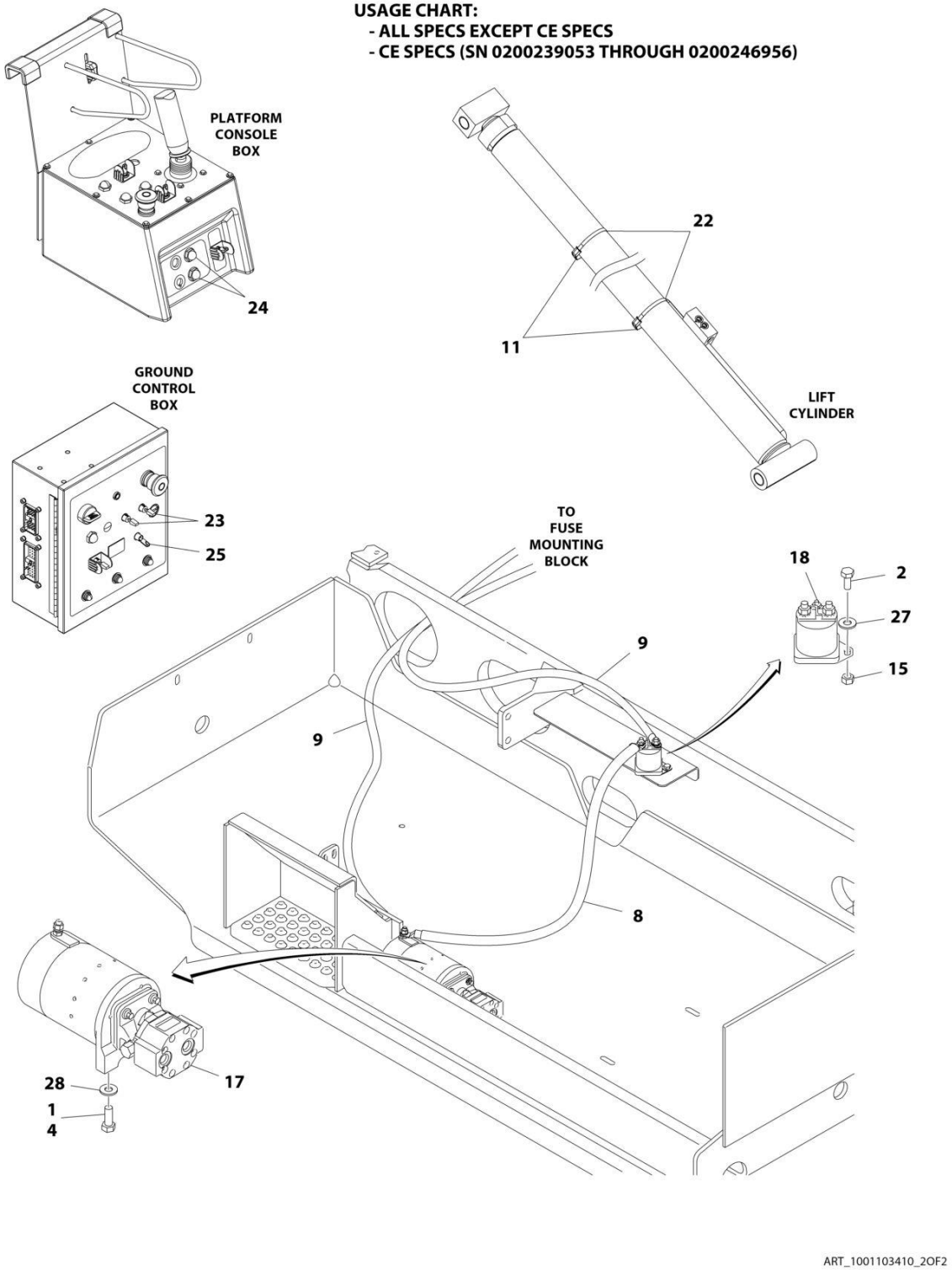


FIGURE 5-6. MANUAL DUAL DECK EXTENSION AND PLATFORM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275197	Ref	MANUAL DUAL DECK EXTENSION AND PLATFORM INSTALLATION	C
1	0271704	1	Platform and Extension Assembly (See PLATFORM AND MANUAL DUAL DECK EXTENSION ASSEMBLY for Breakdown)	
2	0641406	4	Bolt 1/4 x 3/4	
3	0641676	4	Bolt 3/8 x 9-1/2	
4	0700619	4	Bolt M6 x 55	
5	2560088	4	Grip, Handle	
6	2560171	2	Handle (Left)	
7	2560172	2	Handle (Right)	
8	2940127	4	Latch	
9	3290601	4	Nut M6	
10	3300467	4	Nut 3/8	
11	3311405	4	Nut 1/4	
12	4711600	8	Washer 3/8	
13	4751400	8	Washer 1/4	
14	4751600	4	Washer 3/8	
15	0100011	AR	Compound, Locking	

FIGURE 5-7. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT



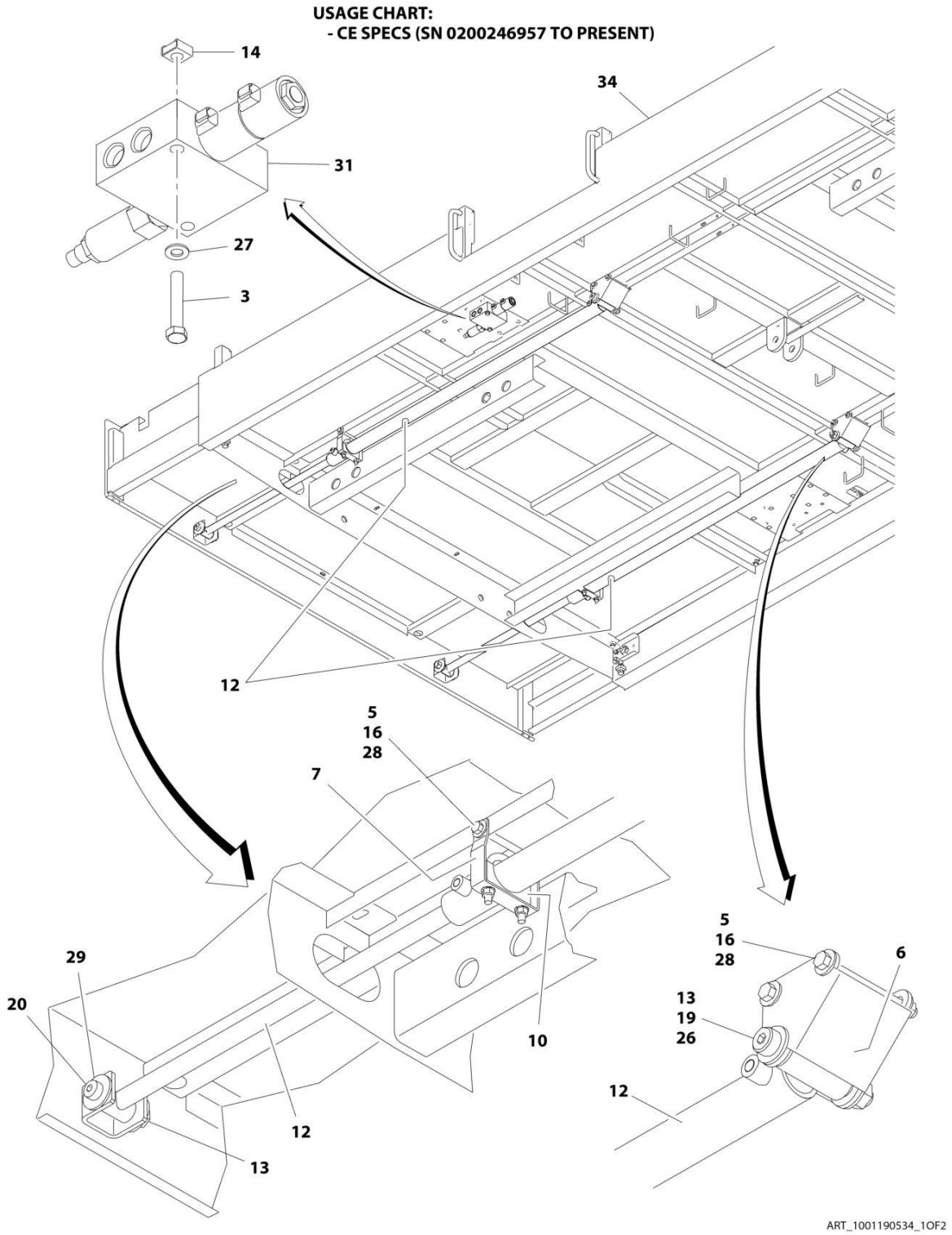


ART_1001103410_2OF2

FIGURE 5-7. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200246956)**	
	1001103410	Ref	POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT	B
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641405	2	Bolt 1/4 x 5/8	
3	0641413	2	Bolt 1/4 x 1-5/8	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	6	Bolt 3/8 x 4-1/2	
6	0902838	2	Bracket, Cylinder Attach	
7	0902839	4	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	4	Clamp	
11	1670995	3	Cover	
12	1684266	2	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
13	3272005	4	Nut 5/8	
14	3300182	2	Nut 1/4	
15	3311405	2	Nut 1/4	
16	3311605	6	Nut 3/8	
17	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
18	3740067	1	Relay	
19	3900254	2	Capscrew 3/4 x 4	
20	3900330	2	Capscrew 3/4 x 2-3/4	
21	4240033	AR	Tie-Strap (Not Shown)	
22	4280295	18 in /46cm	Strip, Protector	
23	4360328	2	Switch, Toggle	
24	4360387	2	Switch, Push Button	
25	4360483	1	Switch, Toggle	
26	4712200	4	Washer 3/4	
27	4751400	6	Washer 1/4	
28	4751600	14	Washer 3/8	
29	4752200	4	Washer 3/4	
30	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
31	1001103266	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - SINGLE EXTENSION for Breakdown)	
32	1001103490	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
33	1001103708	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	
34	0272605	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER SINGLE DECK EXTENSION ASSEMBLY for Breakdown)	

FIGURE 5-8. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT



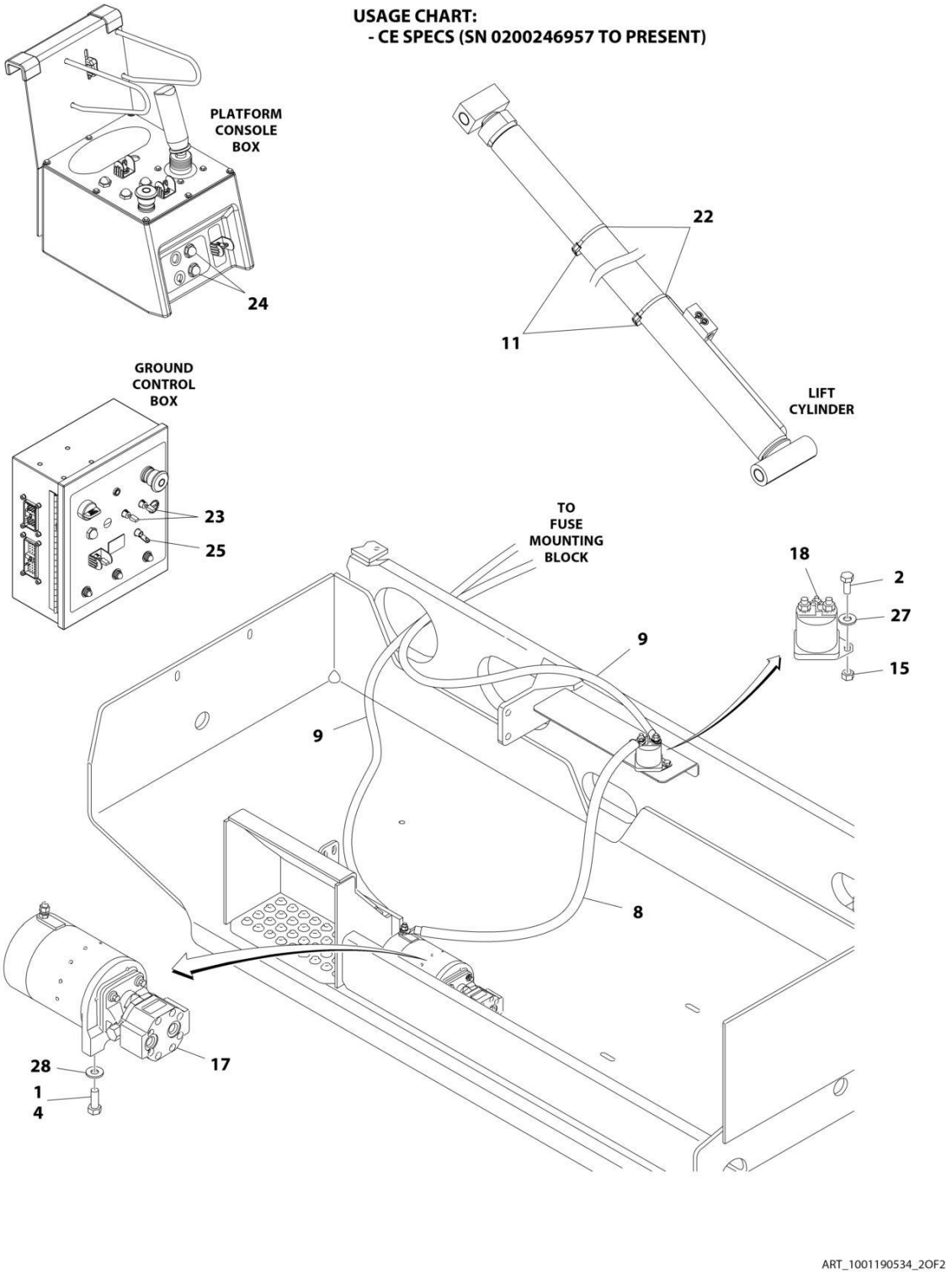
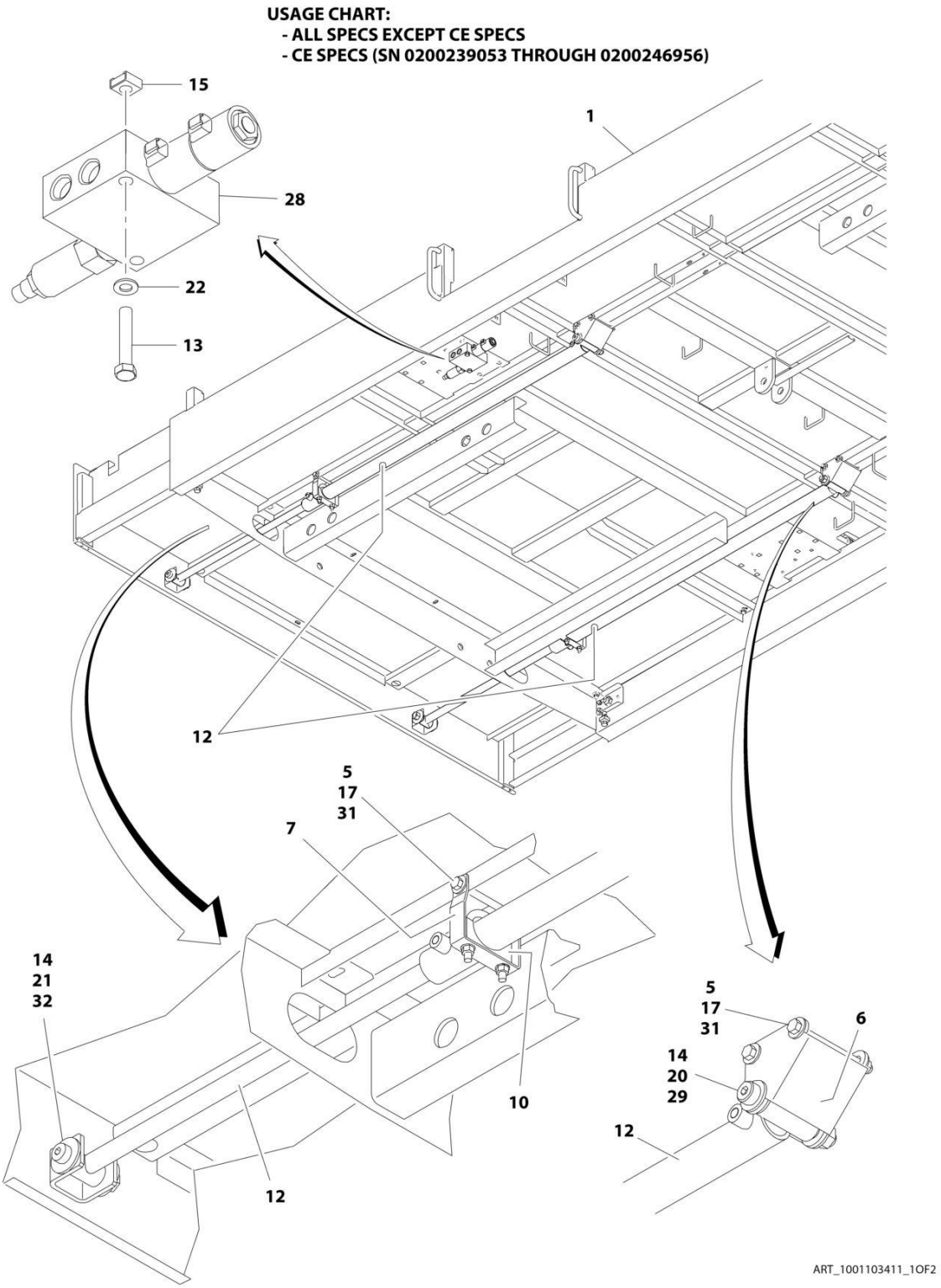

USAGE CHART:
- CE SPECS (SN 0200246957 TO PRESENT)
PLATFORM CONSOLE BOX
24
22
11
LIFT CYLINDER
GROUND CONTROL BOX
23
25
TO FUSE MOUNTING BLOCK
18
2
27
15
9
9
8
28
1
4
17
ART_1001190534_2OF2

FIGURE 5-8. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200246957 to Present)**	
	1001190534	Ref	POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT	A
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641405	2	Bolt 1/4 x 5/8	
3	0641413	2	Bolt 1/4 x 1-5/8	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	6	Bolt 3/8 x 4-1/2	
6	0902838	2	Bracket, Cylinder Attach	
7	0902839	4	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	4	Clamp	
11	1670995	3	Cover	
12	1684266	4	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
13	3272005	4	Nut 5/8	
14	3300182	2	Nut 1/4	
15	3311405	2	Nut 1/4	
16	3311605	6	Nut 3/8	
17	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
18	3740067	1	Relay	
19	3900254	2	Capscrew 3/4 x 4	
20	3900330	2	Capscrew 3/4 x 2-3/4	
21	4240033	AR	Tie-Strap (Not Shown)	
22	4280295	18 in /46cm	Strip, Protector	
23	4360328	2	Switch, Toggle	
24	4360387	2	Switch, Push Button	
25	4360483	1	Switch, Toggle	
26	4712200	4	Washer 3/4	
27	4751400	6	Washer 1/4	
28	4751600	14	Washer 3/8	
29	4752200	4	Washer 3/4	
30	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
31	1001103266	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - SINGLE EXTENSION for Breakdown)	
32	1001103490	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
33	1001190537	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	
34	0272605	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER SINGLE DECK EXTENSION ASSEMBLY for Breakdown)	

FIGURE 5-9. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT



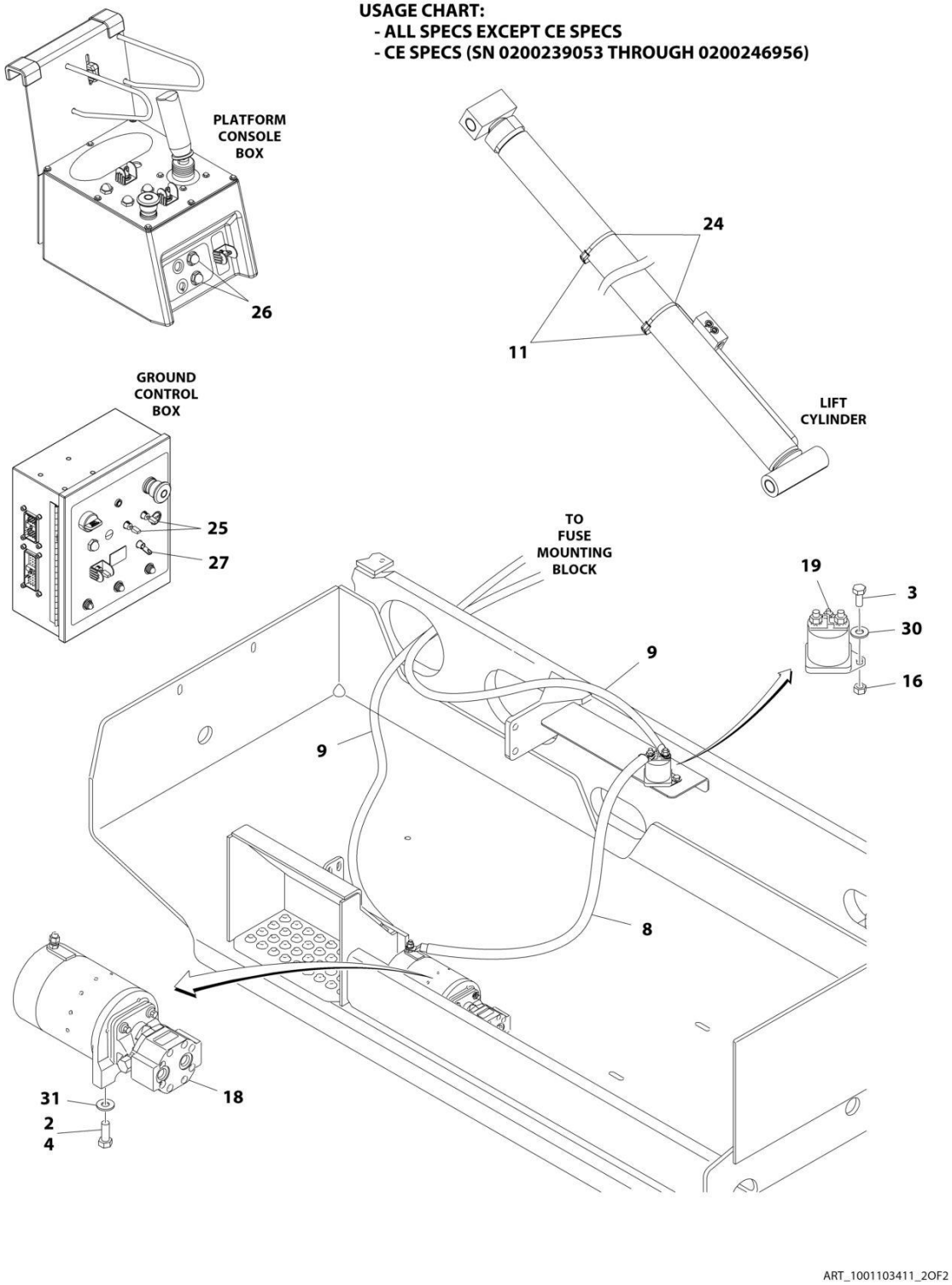
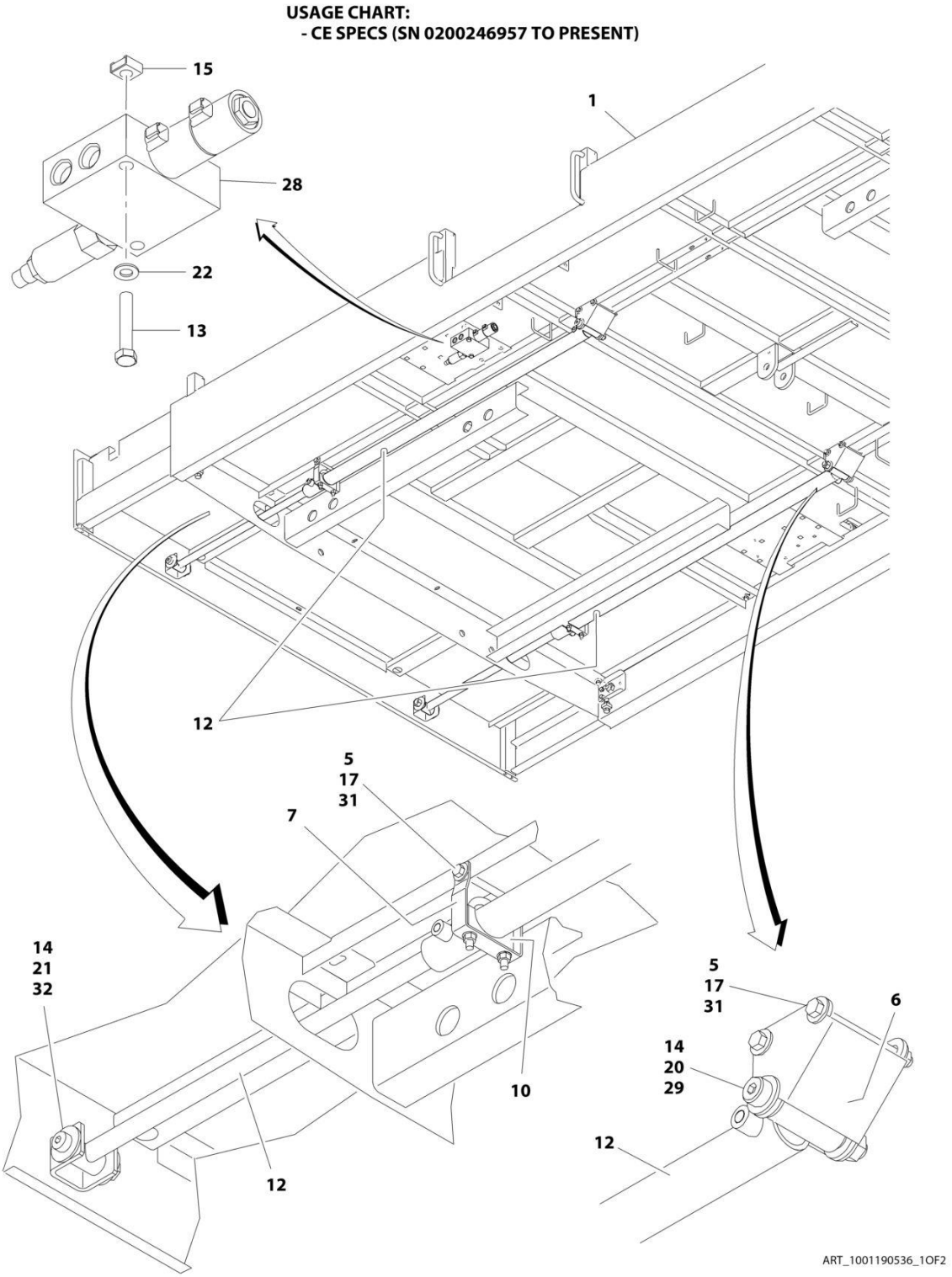

USAGE CHART:
- ALL SPECS EXCEPT CE SPECS
- CE SPECS (SN 0200239053 THROUGH 0200246956)
PLATFORM CONSOLE BOX
26
24
11
LIFT CYLINDER
GROUND CONTROL BOX
25
27
TO FUSE MOUNTING BLOCK
19
3
30
16
9
9
8
31
2
4
18
ART_1001103411_2OF2

FIGURE 5-9. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Spec	
		Ref	- CE Specs **(SN 0200239053 through 0200246956)**	
	1001103411	Ref	POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT	B
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0272605	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER SINGLE DECK EXTENSION ASSEMBLY for Breakdown)	
2	0100011	AR	Compound, Locking	
3	0641405	2	Bolt 1/4 x 5/8	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	6	Bolt 3/8 x 4-1/2	
6	0902838	2	Bracket, Cylinder Attach	
7	0902839	2	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	2	Clamp	
11	1670995	3	Cover	
12	1684266	2	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
13	0641413	2	Bolt 1/4 x 1-5/8	
14	3272005	4	Nut 5/8	
15	3300182	2	Nut 1/4	
16	3311405	2	Nut 1/4	
17	3311605	6	Nut 3/8	
18	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
19	3740067	1	Relay	
20	3900254	2	Capscrew 3/4 x 4	
21	3900330	2	Capscrew 3/4 x 2-3/4	
22	4711400	2	Washer 1/4	
23	4240033	AR	Tie-Strap (Not Shown)	
24	4280295	18 in /46cm	Strip, Protector	
25	4360328	2	Switch, Toggle	
26	4360387	2	Switch, Push Button	
27	4360483	1	Switch, Toggle	
28	1001103266	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - SINGLE EXTENSION for Breakdown)	
29	4712200	4	Washer 3/4	
30	4751400	4	Washer 1/4	
31	4751600	14	Washer 3/8	
32	4752200	4	Washer 3/4	
33	1001103570	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
34	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
35	1001103708	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	

FIGURE 5-10. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT



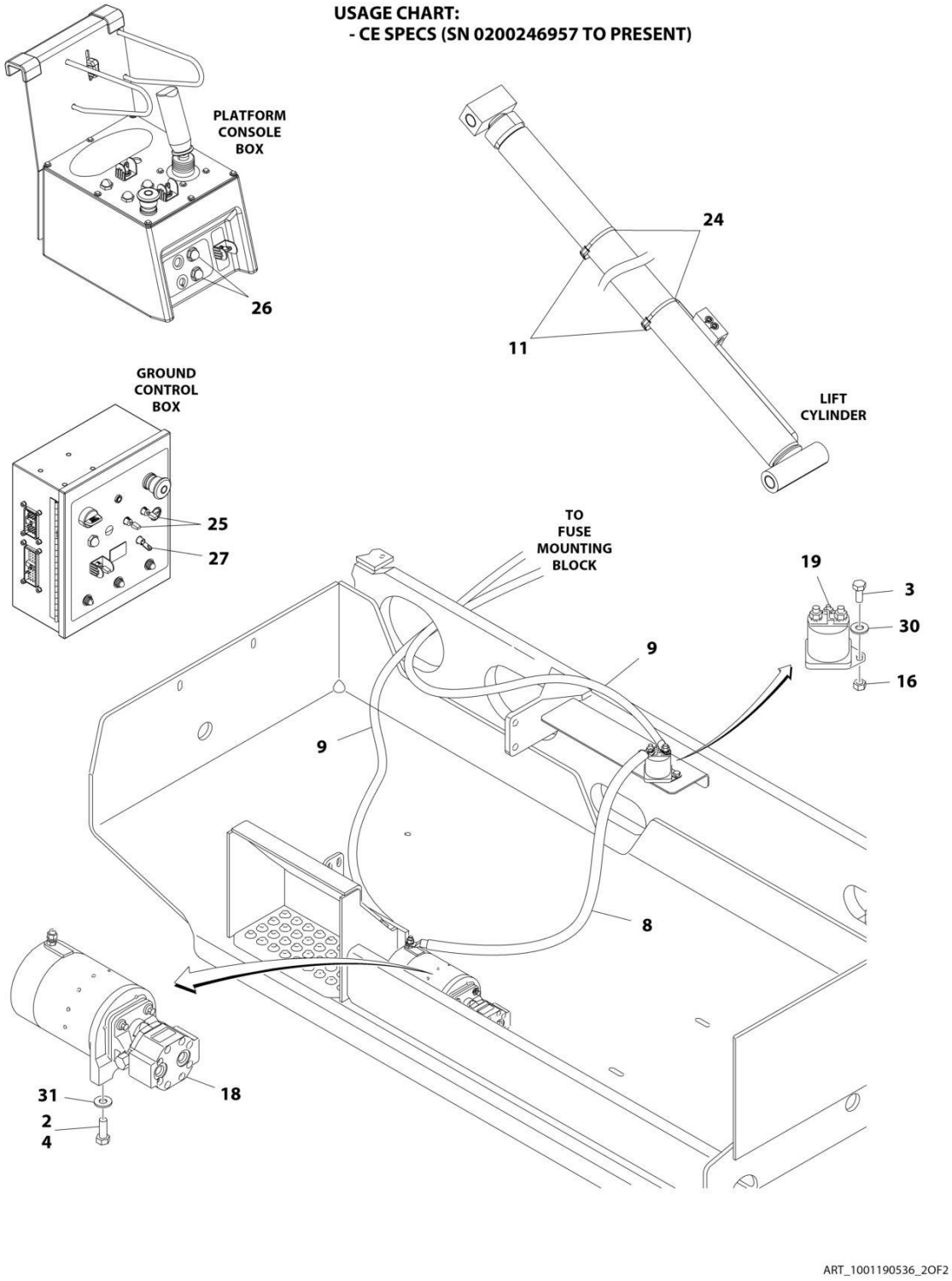
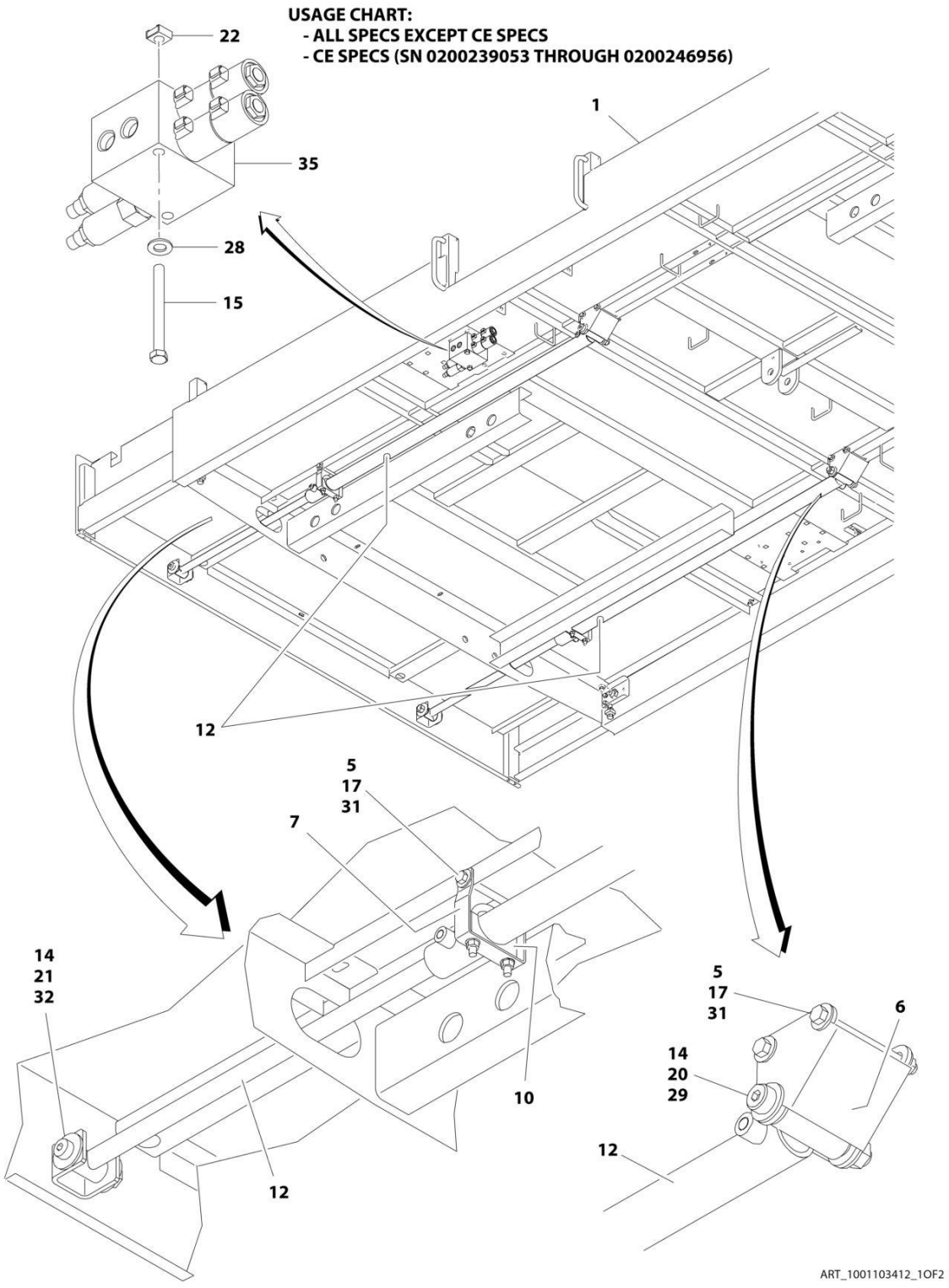
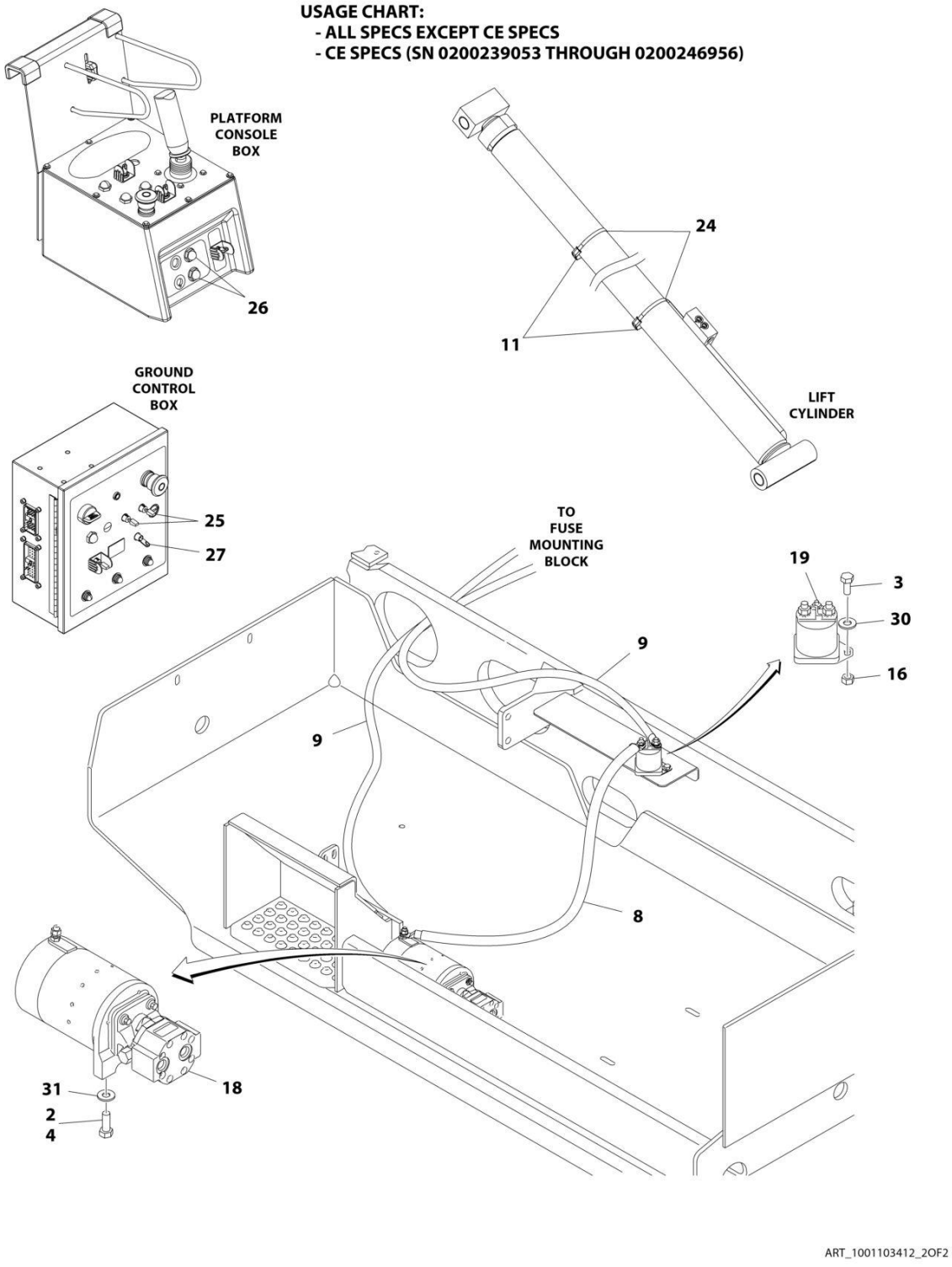

USAGE CHART:
- CE SPECS (SN 0200246957 TO PRESENT)
PLATFORM CONSOLE BOX
26
24
11
LIFT CYLINDER
GROUND CONTROL BOX
25
27
TO FUSE MOUNTING BLOCK
19
3
30
16
9
9
8
31
2
4
18
ART_1001190536_2OF2

FIGURE 5-10. POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Spec **(SN 0200246957 to Present)**	
	1001190536	Ref	POWER SINGLE DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT	A
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0272605	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER SINGLE DECK EXTENSION ASSEMBLY for Breakdown)	
2	0100011	AR	Compound, Locking	
3	0641405	2	Bolt 1/4 x 5/8	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	6	Bolt 3/8 x 4-1/2	
6	0902838	2	Bracket, Cylinder Attach	
7	0902839	2	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	2	Clamp	
11	1670995	3	Cover	
12	1684266	2	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
13	0641413	2	Bolt 1/4 x 1-5/8	
14	3272005	4	Nut 5/8	
15	3300182	2	Nut 1/4	
16	3311405	2	Nut 1/4	
17	3311605	6	Nut 3/8	
18	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
19	3740067	1	Relay	
20	3900254	2	Capscrew 3/4 x 4	
21	3900330	2	Capscrew 3/4 x 2-3/4	
22	4711400	2	Washer 1/4	
23	4240033	AR	Tie-Strap (Not Shown)	
24	4280295	18 in /46cm	Strip, Protector	
25	4360328	2	Switch, Toggle	
26	4360387	2	Switch, Push Button	
27	4360483	1	Switch, Toggle	
28	1001103266	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - SINGLE EXTENSION for Breakdown)	
29	4712200	4	Washer 3/4	
30	4751400	4	Washer 1/4	
31	4751600	14	Washer 3/8	
32	4752200	4	Washer 3/4	
33	1001103570	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
34	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
35	1001190537	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	

FIGURE 5-11. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)





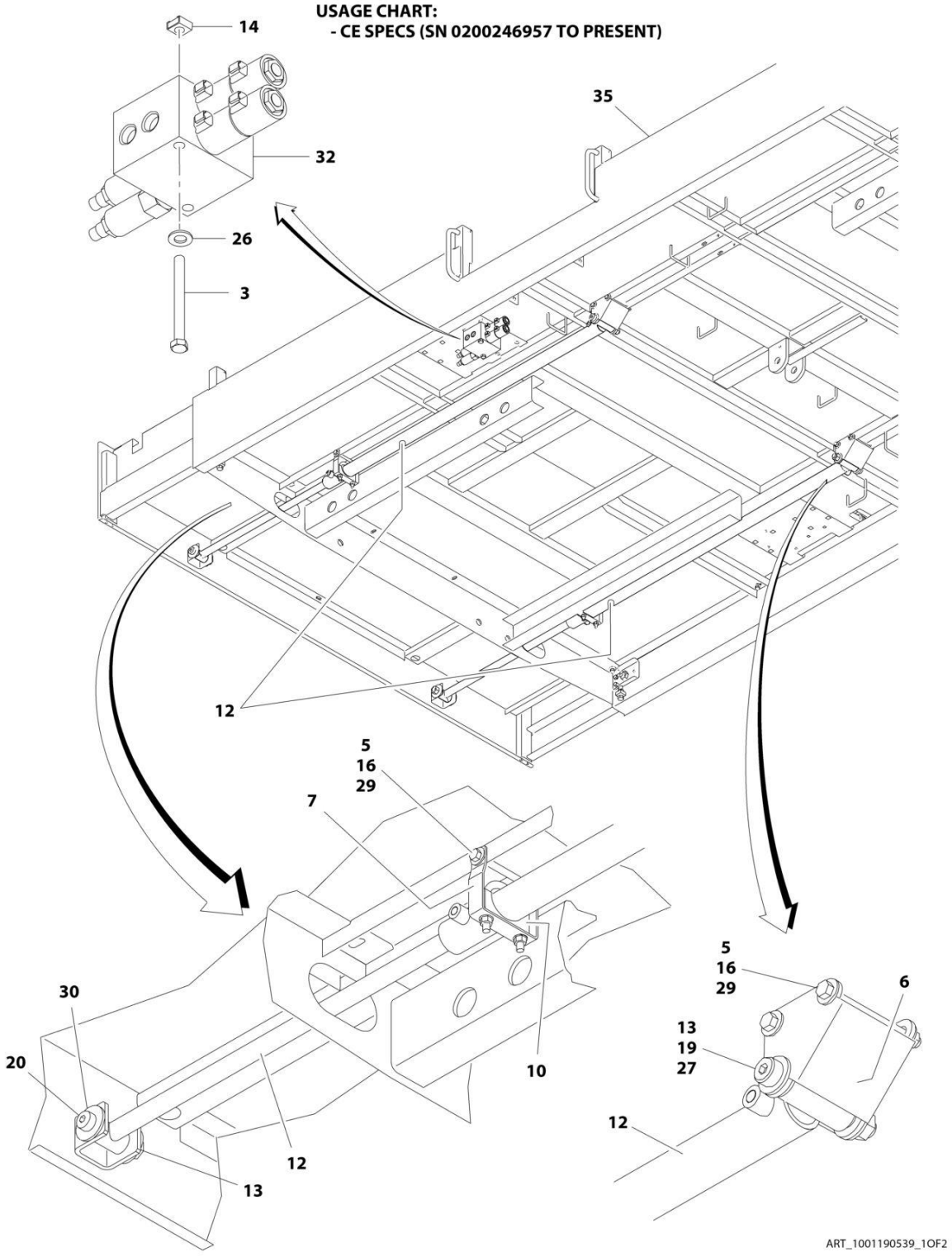
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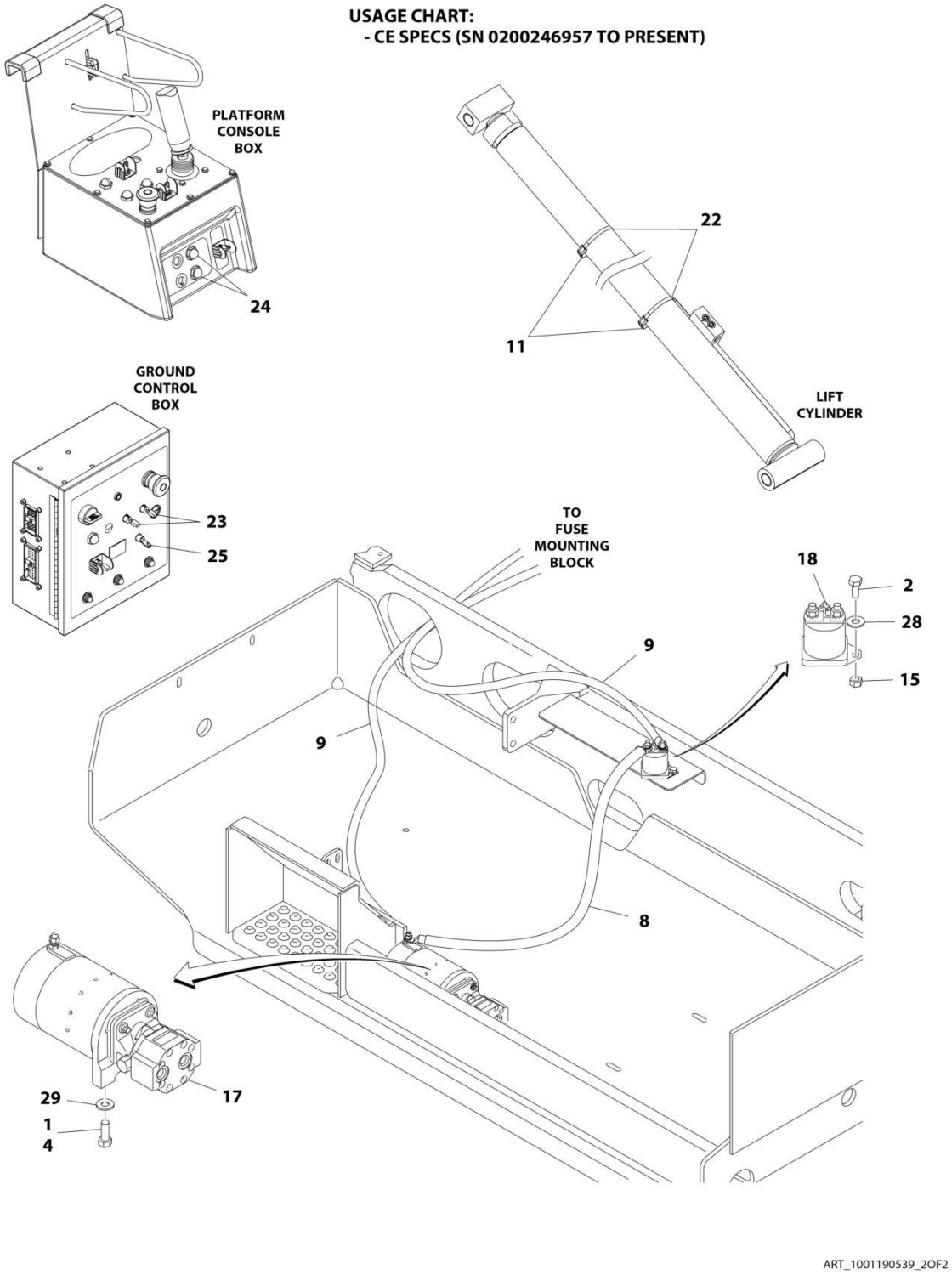
FIGURE 5-11. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200246956)**	
	1001103412	Ref	POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)	B
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0272707	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 12.6FT/3.8M LENGTH PLATFORM) for Breakdown)	
2	0100011	AR	Compound, Locking	
3	0641405	2	Bolt 1/4 x 5/8	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	12	Bolt 3/8 x 4-1/2	
6	0902838	2	Bracket, Cylinder Attach	
7	0902839	4	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	4	Clamp	
11	1670995	3	Cover	
12	1684266	4	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
14	3272005	8	Nut 5/8	
15	0641426	2	Bolt 1/4 x 3-1/4	
16	3311405	2	Nut 1/4	
17	3311605	12	Nut 3/8	
18	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
19	3740067	1	Relay	
20	3900254	4	Capscrew 3/4 x 4	
21	3900330	4	Capscrew 3/4 x 2-3/4	
22	3300182	2	Nut 1/4	
23	4240033	AR	Tie-Strap (Not Shown)	
24	4280295	18 in /46cm	Strip, Protector	
25	4360328	2	Switch, Toggle	
26	4360387	2	Switch, Push Button	
27	4360483	1	Switch, Toggle	
28	4711400	2	Washer 1/4	
29	4712200	4	Washer 3/4	
30	4751400	4	Washer 1/4	
31	4751600	26	Washer 3/8	
32	4752200	8	Washer 3/4	
34	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
35	1001103267	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - DUAL EXTENSION for Breakdown)	
36	1001103490	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
37	1001103709	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			SECTON for Breakdown)	

FIGURE 5-12. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)



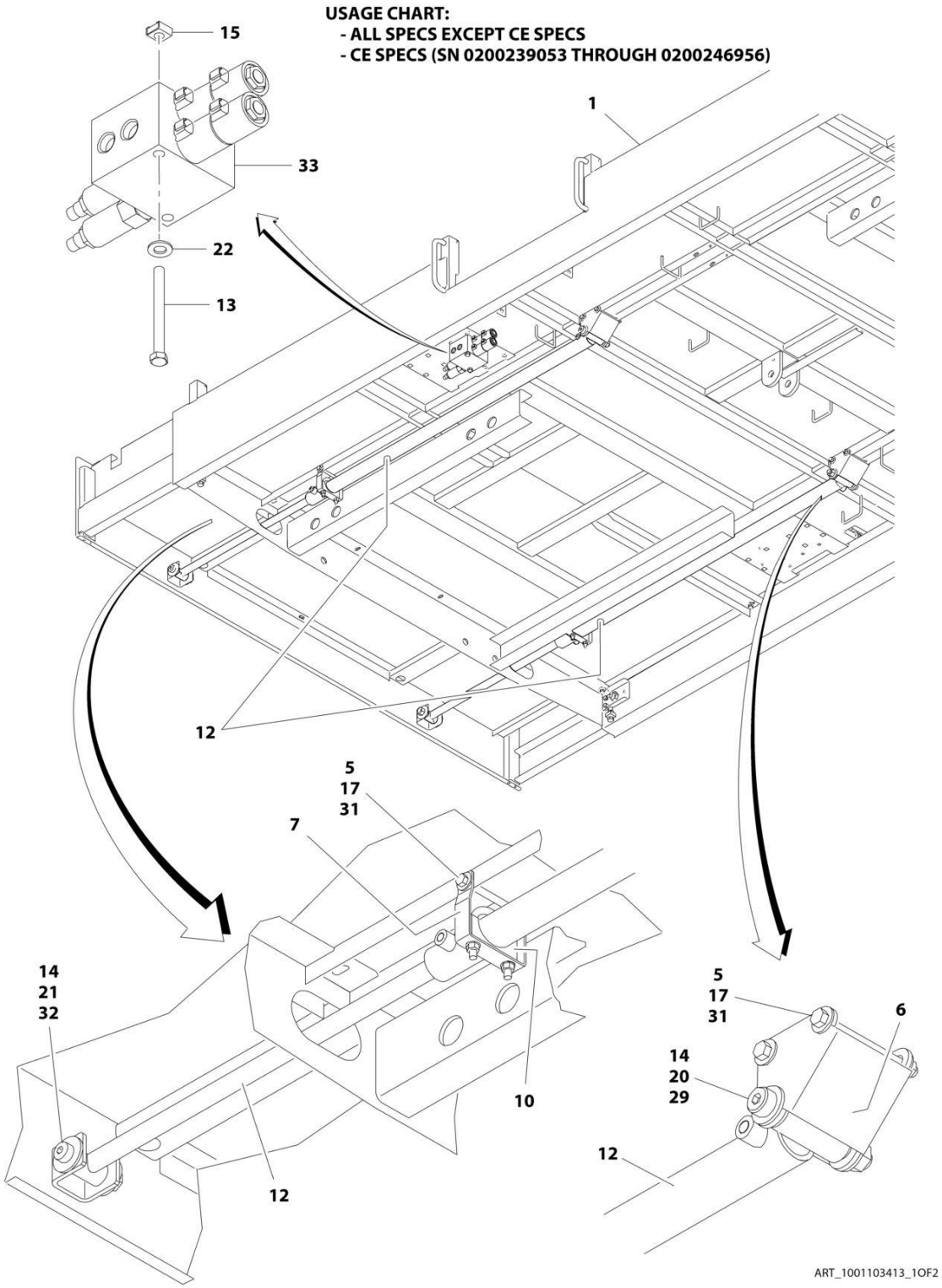


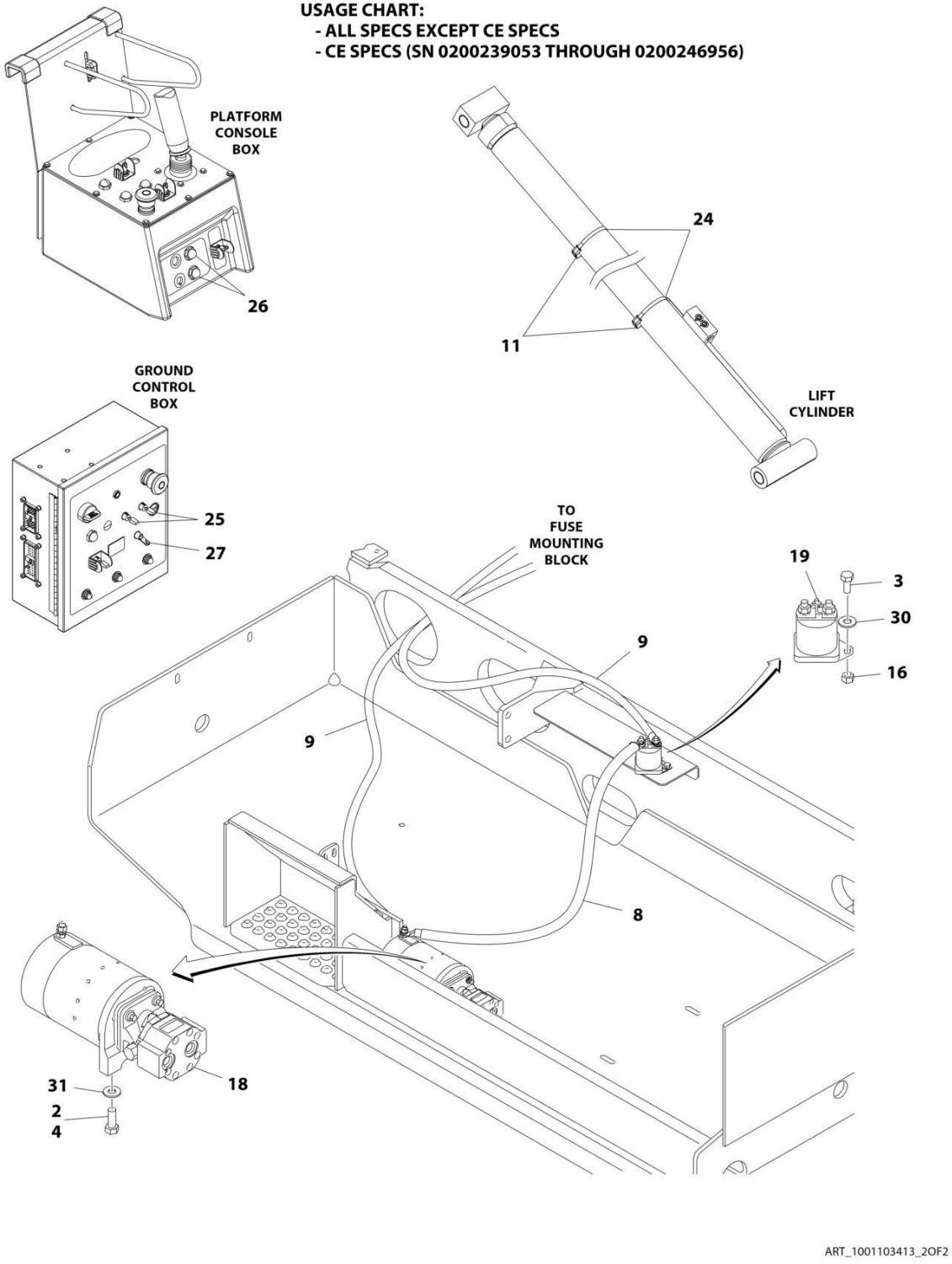
ART_1001190539_2OF2

FIGURE 5-12. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200246957 to Present)**	
	1001190539	Ref	POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)	A
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641405	2	Bolt 1/4 x 5/8	
3	0641426	2	Bolt 1/4 x 3-1/4	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	12	Bolt 3/8 x 4-1/2	
6	0902838	4	Bracket, Cylinder Attach	
7	0902839	4	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	4	Clamp	
11	1670995	3	Cover	
12	1684266	4	Extension Cylinder Assembly (See CYLINDER ASSEMBLY for Breakdown)	
13	3272005	8	Nut 5/8	
14	3300182	2	Nut 1/4	
15	3311405	2	Nut 1/4	
16	3311605	12	Nut 3/8	
17	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
18	3740067	1	Relay	
19	3900254	4	Capscrew 3/4 x 4	
20	3900330	4	Capscrew 3/4 x 2-3/4	
21	4240033	12	Tie-Strap (Not Shown)	
22	4280295	18 in /46cm	Strip, Protector	
23	4360328	2	Switch, Toggle	
24	4360387	2	Switch, Push Button	
25	4360483	1	Switch, Toggle	
26	4711400	2	Washer 1/4	
27	4712200	8	Washer 3/4	
28	4751400	4	Washer 1/4	
29	4751600	26	Washer 3/8	
30	4752200	8	Washer 3/4	
31	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
32	1001103267	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - DUAL EXTENSION for Breakdown)	
33	1001103490	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
34	1001190544	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	
35	0272707	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 12.6FT/3.8M LENGTH PLATFORM) for Breakdown)	

FIGURE 5-13. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)





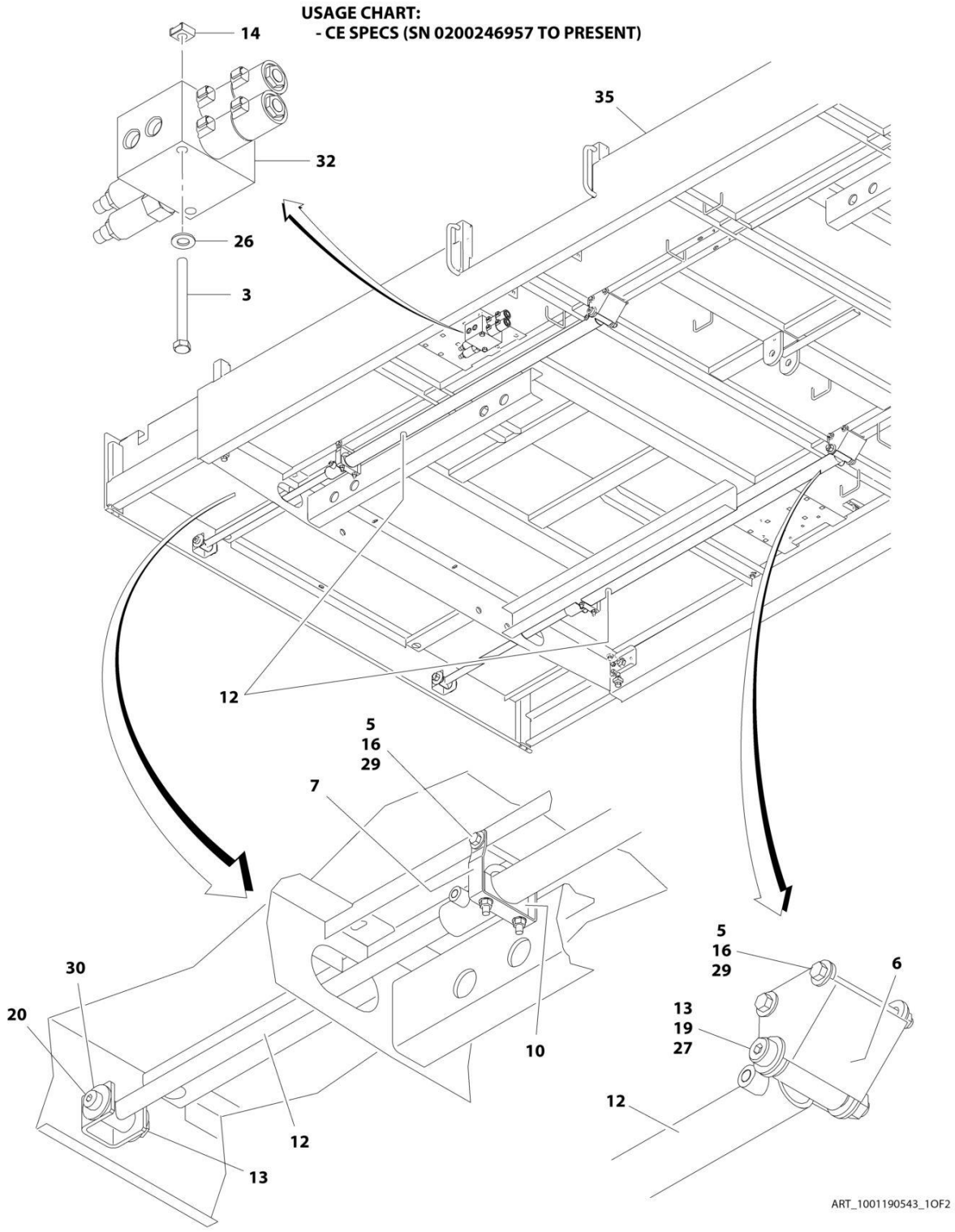
ART_1001103413_2OF2

FIGURE 5-13. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200246956)**	
	1001103413	Ref	POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)	B
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0272707	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 12.6FT/3.8M LENGTH PLATFORM) for Breakdown)	
2	0100011	AR	Compound, Locking	
3	0641405	2	Bolt 1/4 x 5/8	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	12	Bolt 3/8 x 4-1/2	
6	0902838	2	Bracket, Cylinder Attach	
7	0902839	4	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	4	Clamp	
11	1670995	3	Cover	
12	1684266	4	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
13	0641426	2	Bolt 1/4 x 3-1/4	
14	3272005	8	Nut 5/8	
15	3300182	2	Nut 1/4	
16	3311405	2	Nut 1/4	
17	3311605	12	Nut 3/8	
18	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
19	3740067	1	Relay	
20	3900254	4	Capscrew 3/4 x 4	
21	3900330	4	Capscrew 3/4 x 2-3/4	
22	4711400	2	Washer 1/4	
23	4240033	AR	Tie-Strap (Not Shown)	
24	4280295	18 in /46cm	Strip, Protector	
25	4360328	2	Switch, Toggle	
26	4360387	2	Switch, Push Button	
27	4360483	1	Switch, Toggle	
28	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
29	4712200	4	Washer 3/4	
30	4751400	4	Washer 1/4	
31	4751600	26	Washer 3/8	
32	4752200	8	Washer 3/4	
33	1001103267	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - DUAL EXTENSION for Breakdown)	
34	1001103570	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
35	1001103709	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			SECTION for Breakdown)	

FIGURE 5-14. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)



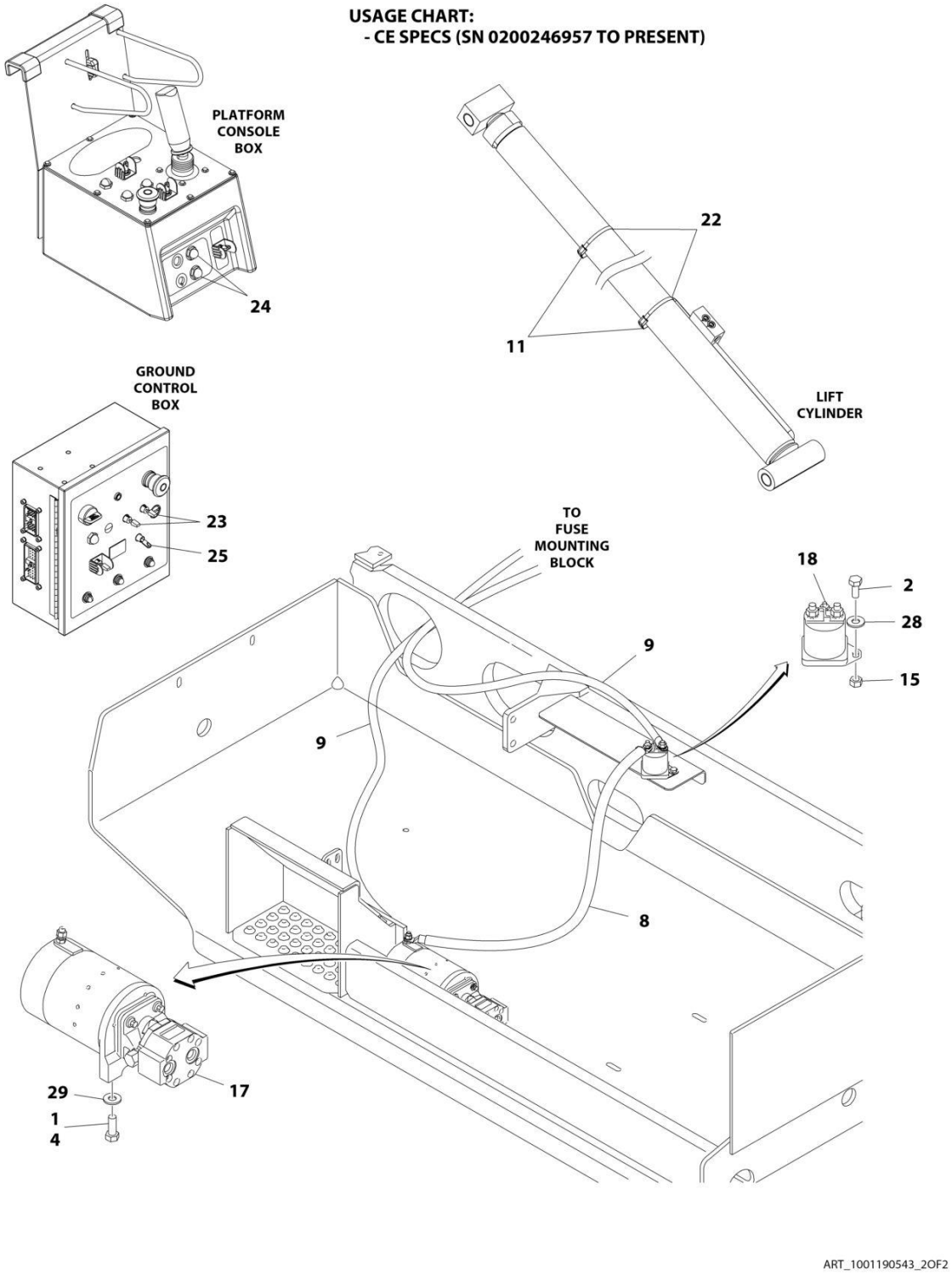
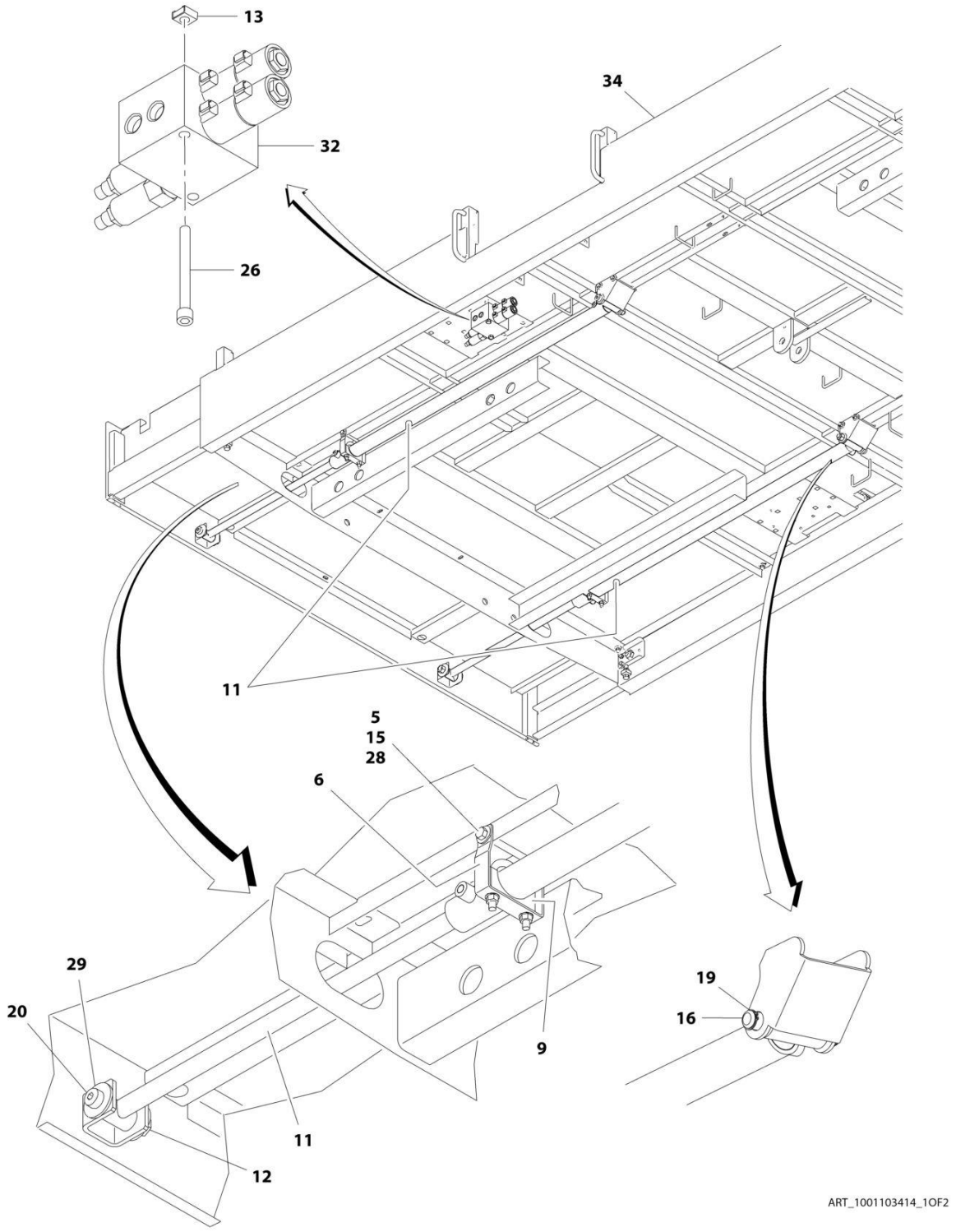

USAGE CHART:
- CE SPECS (SN 0200246957 TO PRESENT)
PLATFORM CONSOLE BOX
24
22
11
LIFT CYLINDER
GROUND CONTROL BOX
23
25
TO FUSE MOUNTING BLOCK
18
2
28
15
9
9
8
29
1
4
17
ART_1001190543_2OF2

FIGURE 5-14. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200246957 to Present)**	
	1001190543	Ref	POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 4394RT (WITH 12.6FT/3.8M LENGTH PLATFORM)	A
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641405	2	Bolt 1/4 x 5/8	
3	0641426	2	Bolt 1/4 x 3-1/4	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	12	Bolt 3/8 x 4-1/2	
6	0902838	4	Bracket, Cylinder Attach	
7	0902839	4	Bracket, Hanger	
8	1061003	1	Cable, Solenoid	
9	1061004	2	Cable, Solenoid	
10	1320019	4	Clamp	
11	1670995	3	Cover	
12	1684266	4	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
13	3272005	8	Nut 5/8	
14	3300182	2	Nut 1/4	
15	3311405	2	Nut 1/4	
16	3311605	12	Nut 3/8	
17	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
18	3740067	1	Relay	
19	3900254	4	Capscrew 3/4 x 4	
20	3900330	4	Capscrew 3/4 x 2-3/4	
21	4240033	12	Tie-Strap (Not Shown)	
22	4280295	18 in /46cm	Strip, Protector	
23	4360328	2	Switch, Toggle	
24	4360387	2	Switch, Push Button	
25	4360483	1	Switch, Toggle	
26	4711400	2	Washer 1/4	
27	4712200	8	Washer 3/4	
28	4751400	4	Washer 1/4	
29	4751600	26	Washer 3/8	
30	4752200	8	Washer 3/4	
31	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
32	1001103267	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - DUAL EXTENSION for Breakdown)	
33	1001103570	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
34	1001190544	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	
35	0272707	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 12.6FT/3.8M LENGTH PLATFORM) for Breakdown)	

FIGURE 5-15. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) (SN 0200239053 through 0200246956)



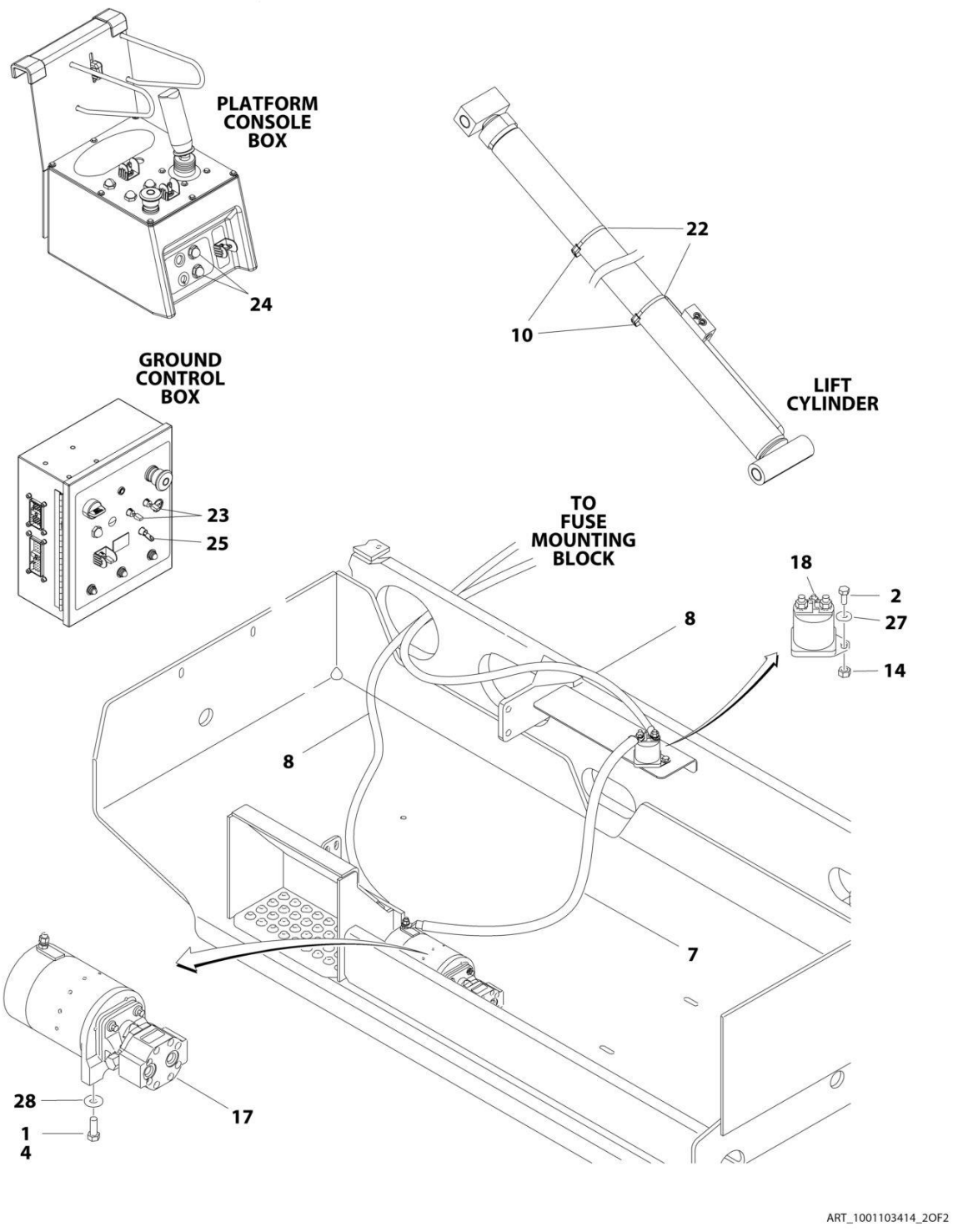
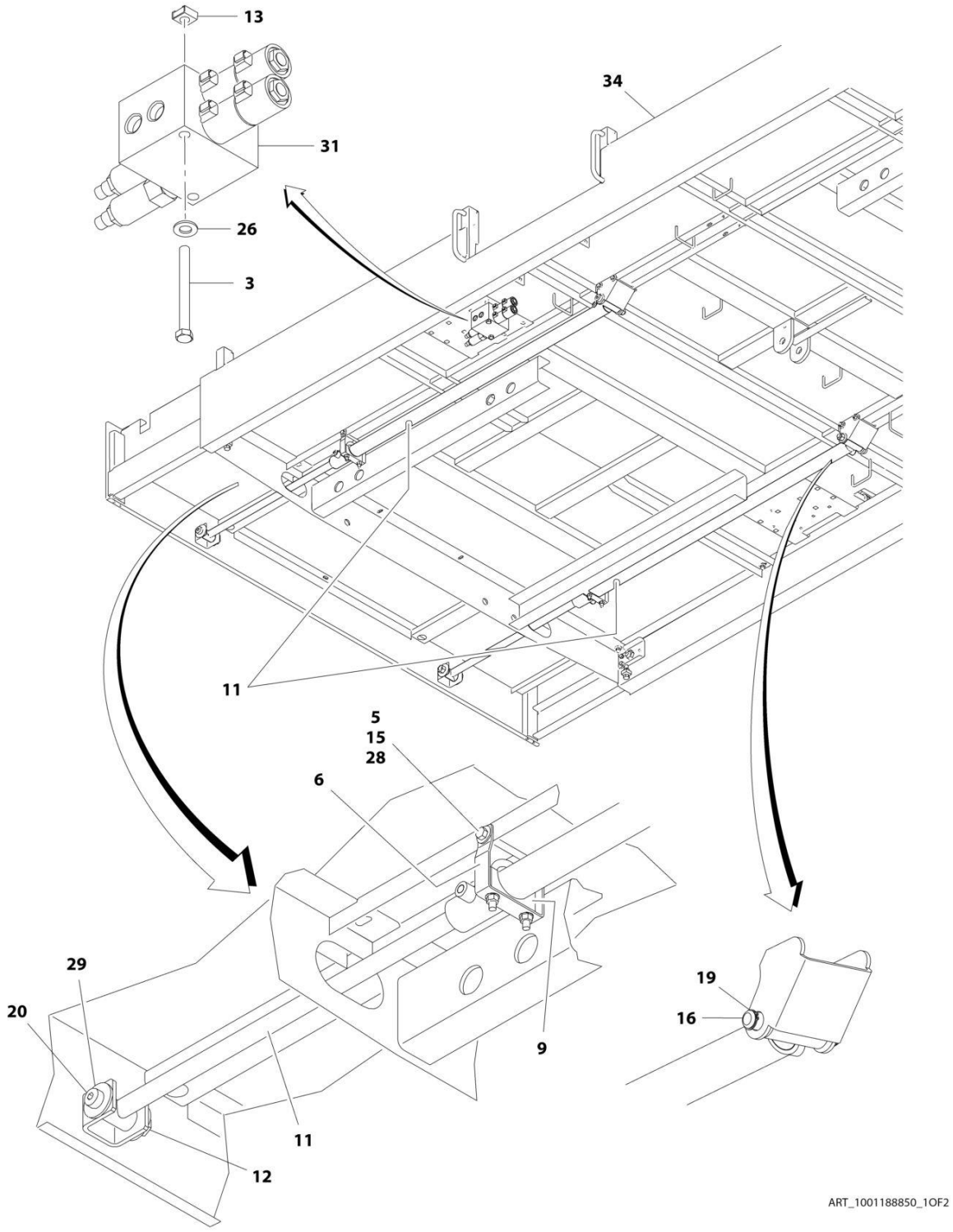
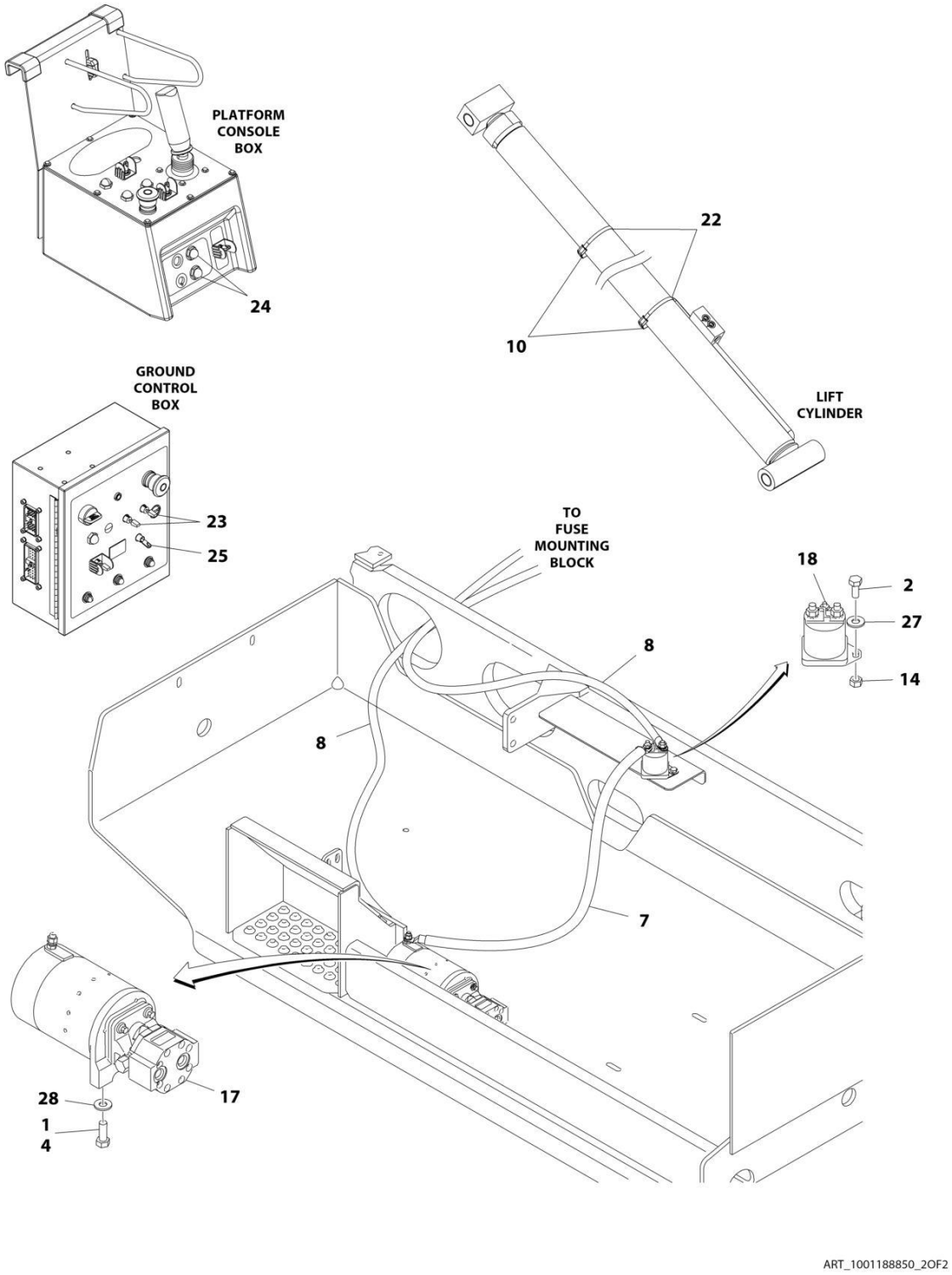

PLATFORM CONSOLE BOX
24
22
10
LIFT CYLINDER
GROUND CONTROL BOX
23
25
TO FUSE MOUNTING BLOCK
18
2
27
14
8
8
7
28
1
4
17
ART_1001103414_2OF2

FIGURE 5-15. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) (SN 0200239053 through 0200246956)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103414	Ref	POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) **(SN 0200239053 through 0200246956)**	B
		Ref	Note: Available on CE Spec Only.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641405	2	Bolt 1/4 x 5/8	
3	2792611	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	4	Bolt 3/8 x 4-1/2	
6	0902839	4	Bracket, Hanger	
7	1061003	1	Cable, Solenoid	
8	1061004	2	Cable, Solenoid	
9	1320019	4	Clamp	
10	1670995	3	Cover	
11	1684266	4	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
12	3272005	4	Nut 5/8	
13	3300471	8	Nut 3/8	
14	3311405	2	Nut 1/4	
15	3311605	4	Nut 3/8	
16	3423052	4	Pin, Tele Barrel	
17	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
18	3740067	1	Relay	
19	3760351	8	Ring, Retaining	
20	3900330	4	Screw, Shoulder	
21	4240033	AR	Tie-Strap (Not Shown)	
22	4280295	18 in /46cm	Strip, Protector	
23	4360328	2	Switch, Toggle	
24	4360387	2	Switch, Push Button	
25	4360483	1	Switch, Toggle	
26	3931664	8	Capscrew 3/8 x 4	
27	4751400	4	Washer 1/4	
28	4751600	10	Washer 3/8	
29	4752200	8	Washer 3/4	
30	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
31	4922848	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
32	1001092957	2	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - DUAL EXTENSION for Breakdown)	
34	0272990	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) for Breakdown)	

FIGURE 5-16. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) (SN 0200246957 to Present)





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FIGURE 5-16. POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) (SN 0200246957 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188850	Ref	POWER DUAL DECK EXTENSION AND PLATFORM INSTALLATION - 3394RT (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) **(SN 0200246957 to Present)**	B
		Ref	Note: Available on CE Spec Only.	
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0100011	AR	Compound, Locking	
2	0641405	2	Bolt 1/4 x 5/8	
3	0641426	2	Bolt 1/4 x 3-1/4	
4	0641608	2	Bolt 3/8 x 1	
5	0641636	4	Bolt 3/8 x 4-1/2	
6	0902839	4	Bracket, Hanger	
7	1061003	1	Cable, Solenoid	
8	1061004	2	Cable, Solenoid	
9	1320019	4	Clamp	
10	1670995	3	Cover	
11	1684266	4	Extension Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
12	3272005	4	Nut 5/8	
13	3300471	8	Nut 3/8	
14	3311405	2	Nut 1/4	
15	3311605	4	Nut 3/8	
16	3423052	4	Pin, Tele Barrel	
17	3600468	1	Auxiliary Pump Assembly (See POWER DECK AUXILIARY PUMP ASSEMBLY for Breakdown)	
18	3740067	1	Relay	
19	3760351	8	Ring, Retaining	
20	3900330	4	Screw, Shoulder	
21	4240033	12	Tie-Strap (Not Shown)	
22	4280295	18 in /46cm	Strip, Protector	
23	4360328	2	Switch, Toggle	
24	4360387	2	Switch, Push Button	
25	4360483	1	Switch, Toggle	
26	4711400	2	Washer 1/4	
27	4751400	4	Washer 1/4	
28	4751600	10	Washer 3/8	
29	4752200	8	Washer 3/4	
30	4922859	1	Auxiliary Power Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
31	1001103267	1	Power Deck Valve Assembly (See POWER DECK VALVE ASSEMBLY - DUAL EXTENSION for Breakdown)	
32	1001103570	1	Power Deck Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	
33	1001188851	1	Hydraulic Diagram - Power Deck (Not Shown - See HYDRAULIC SECTION for Breakdown)	
34	0272990	1	Platform and Deck Extension Assembly (See PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM) for Breakdown)	

FIGURE 5-17. PLATFORM AND MANUAL SINGLE DECK EXTENSION ASSEMBLY

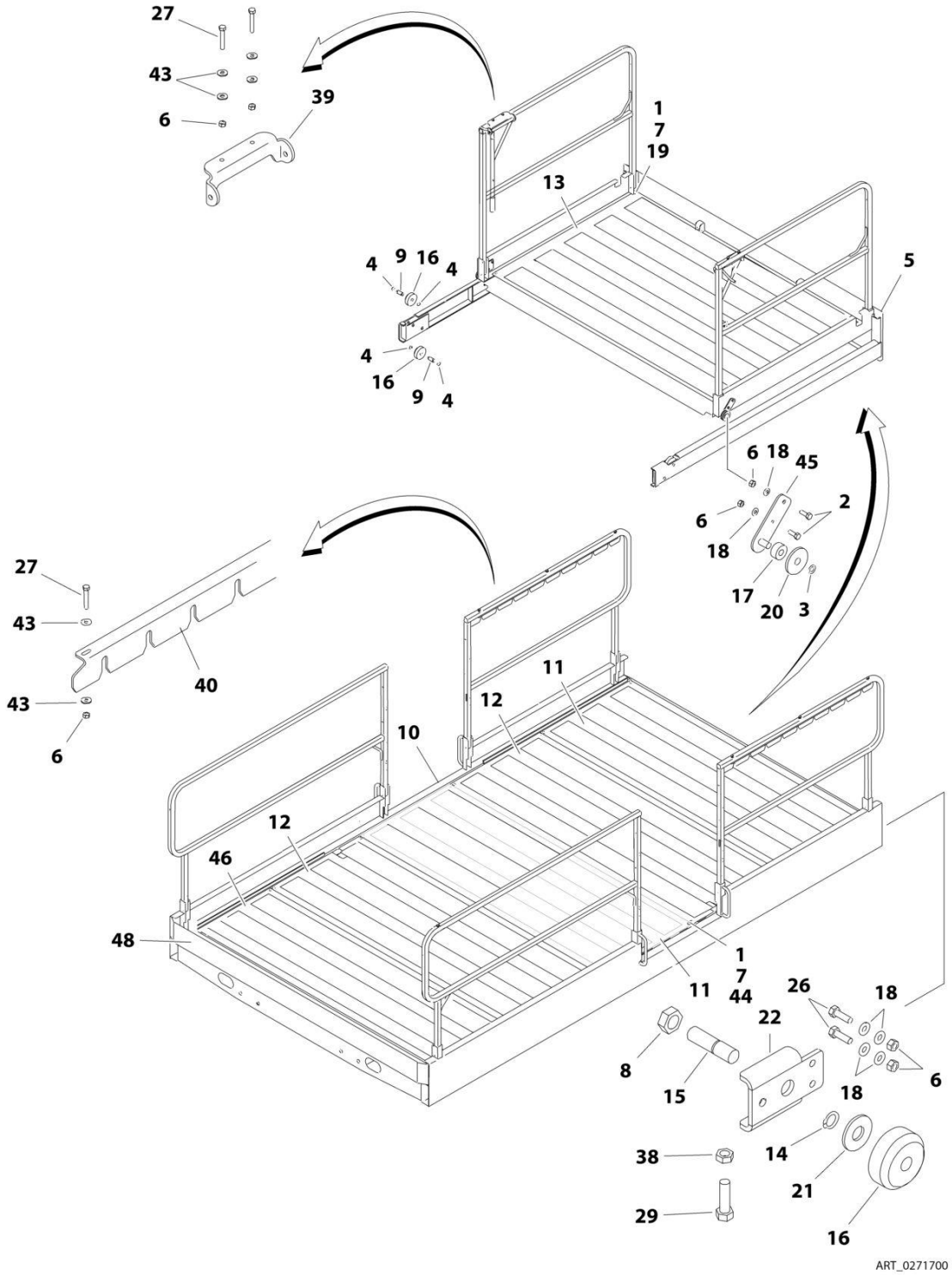


FIGURE 5-17. PLATFORM AND MANUAL SINGLE DECK EXTENSION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271700	Ref	PLATFORM AND MANUAL SINGLE DECK EXTENSION ASSEMBLY	R
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0630485	24	Bolt	
2	0641507	4	Bolt 5/16 x 7/8	
3	1380150	2	E-Clip 1/2	
4	1380151	8	E-Clip 3/4	
5	2020006	1	Deck, Extension	
6	3311505	18	Nut 5/16	
7	3300472	24	Nut 3/8	
8	3322202	2	Nut 3/4	
9	3422966	4	Pin	
10	3510878	1	Platform Weldment	
11	0272241	2	Plate, Floor	
11	4420069	AR	Tape, Safety Tread	
12	0272242	2	Plate, Floor	
12	4420069	AR	Tape, Safety Tread	
13	0272101	1	Plate, Floor	
13	4420069	AR	Tape, Safety Tread	
14	3760348	2	Ring, Retaining	
15	3841233	2	Rod, Roller	
16	3860059	6	Roller, Extension	
17	1001143898	2	Roller	
18	4711500	12	Washer 5/16	
19	4711600	4	Washer 3/8	
20	1001096985	2	Washer	
21	4752200	2	Washer 3/4	
22	4846519	2	Support, Roller	
23	0100048	AR	Grease, Dielectric (Not Shown)	
26	0641508	4	Bolt 5/16 x 1	
27	0641516	10	Bolt 5/16 x 2	
29	0641814	2	Bolt 1/2 x 1-3/4	
38	3311802	2	Nut 1/2	
39	3537609	2	Plate, Pivot	
40	3573438	2	Plate, Latch	
43	4751500	20	Washer 5/16	
44	4751600	20	Washer 3/8	
45	1001143896	2	Mount, Roller	
46	0272243	1	Plate, Floor	
46	4420069	AR	Tape, Safety Tread	
47	4420066	82 ft/25m	Tape, Double Sided (Not Shown - Located Between Floor Plates and Platform Weldment)	
48	4846556		Kickplate	

FIGURE 5-18. PLATFORM AND MANUAL DUAL DECK EXTENSION ASSEMBLY

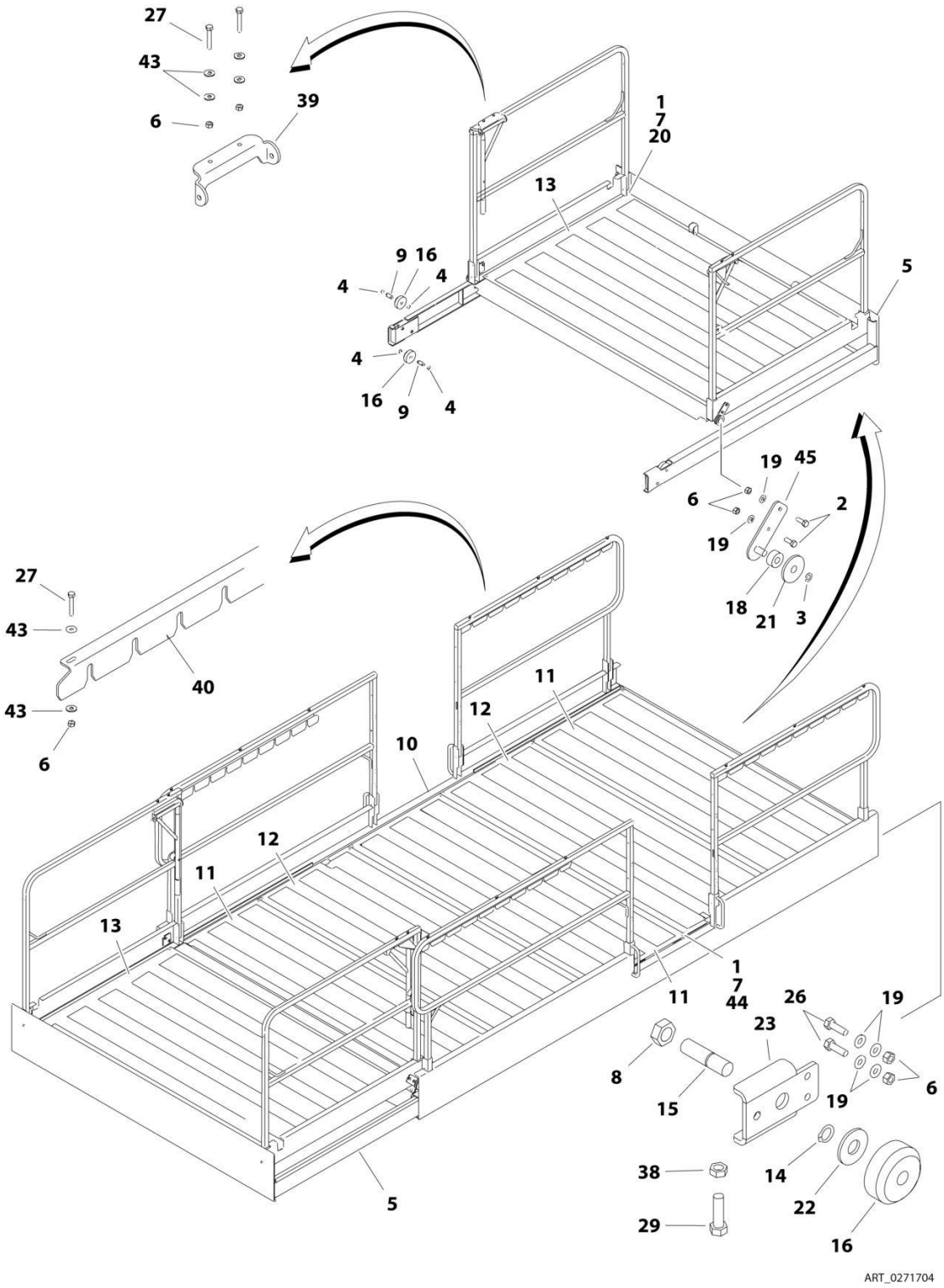


FIGURE 5-18. PLATFORM AND MANUAL DUAL DECK EXTENSION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271704	Ref	PLATFORM AND MANUAL DUAL DECK EXTENSION ASSEMBLY	R
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0630485	28	Bolt	
2	0641507	8	Bolt 5/16 x 7/8	
3	1380150	4	E-Clip 1/2	
4	1380151	16	E-Clip 3/4	
5	2020006	2	Deck, Extension	
6	3311505	36	Nut 5/16	
7	3300472	28	Nut 3/8	
8	3322202	4	Nut 3/4	
9	3422966	8	Pin	
10	3510878	1	Platform Weldment	
11	0272241	3	Plate, Floor	
11	4420069	AR	Tape, Safety Tread	
12	0272242	2	Plate, Floor	
12	4420069	AR	Tape, Safety Tread	
13	0272101	2	Plate, Floor	
13	4420069	AR	Tape, Safety Tread	
14	3760348	4	Ring, Retaining	
15	3841233	4	Rod, Roller	
16	3860059	12	Roller, Extension	
17	0100048	AR	Grease, Dielectric (Not Shown)	
18	1001143898	4	Roller	
19	4711500	24	Washer 5/16	
20	4711600	8	Washer 3/8	
21	1001096985	4	Flatwasher	
22	4752200	4	Washer 3/4	
23	4846519	4	Support, Roller	
26	0641508	8	Bolt 5/16 x 1	
27	0641516	20	Bolt 5/16 x 2	
29	0641814	4	Bolt 1/2 x 1-3/4	
38	3311802	4	Nut 1/2	
39	3537609	4	Plate, Pivot	
40	3573438	4	Plate, Latch	
43	4751500	40	Washer 5/16	
44	4751600	20	Washer 3/8	
45	1001143896	4	Mount, Roller	
46	4420066	97 ft /29.6m	Tape, Double Sided (Not Shown - Located Between Floor Plates and Platform Weldment)	

FIGURE 5-19. PLATFORM AND POWER SINGLE DECK EXTENSION ASSEMBLY

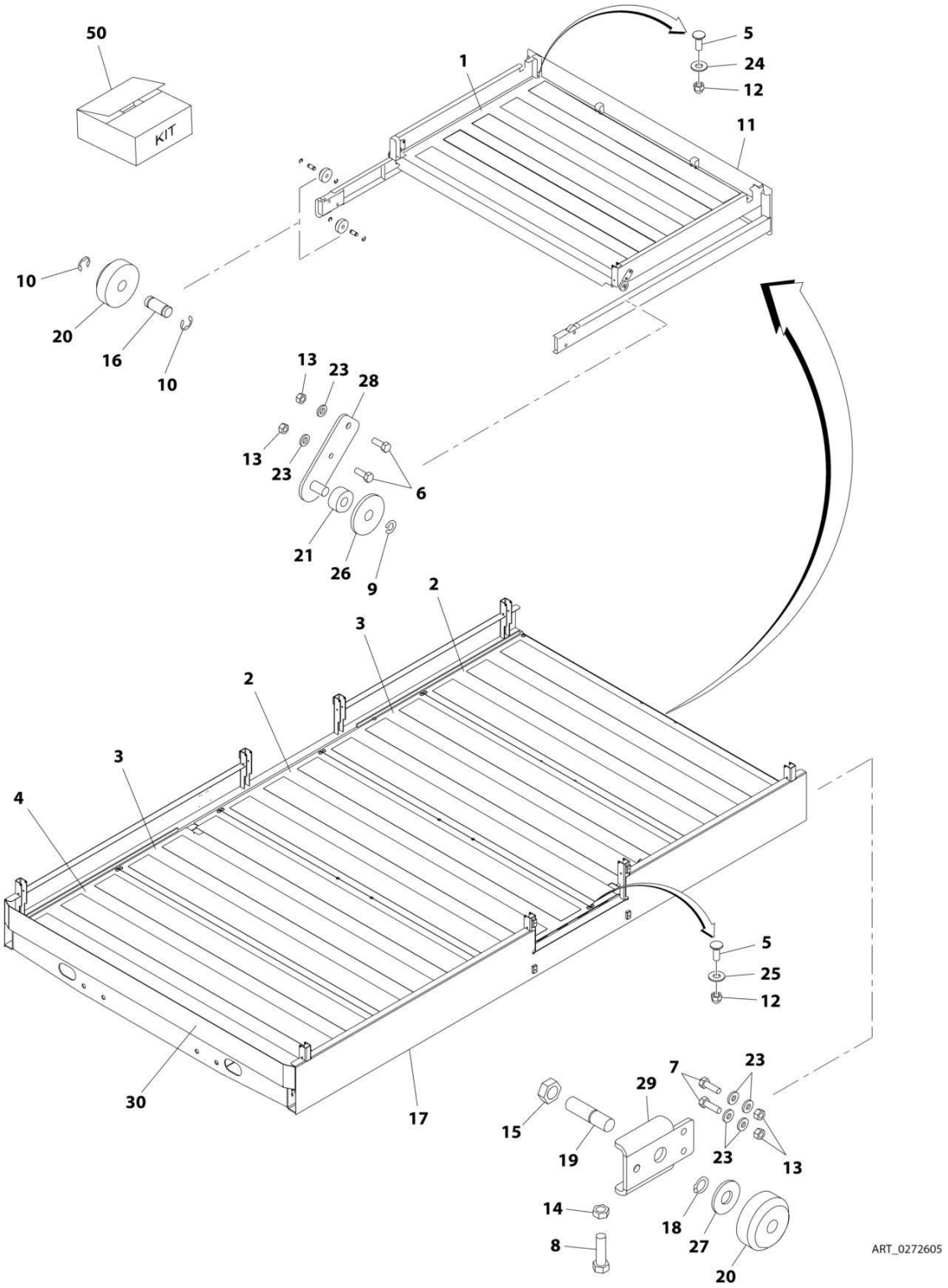


FIGURE 5-19. PLATFORM AND POWER SINGLE DECK EXTENSION ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272605	Ref	PLATFORM AND POWER SINGLE DECK EXTENSION ASSEMBLY	I
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0272101	1	Plate, Floor	
1	4420069	30 ft/9m	Tape, Safety Tread	
2	0272241	2	Plate, Floor	
2	4420069	19.5 ft/6m	Tape, Safety Tread	
3	0272242	2	Plate, Floor	
3	4420069	19.5 ft/6m	Tape, Safety Tread	
4	0272243	1	Plate, Floor	
4	4420069	19.5 ft/6m	Tape, Safety Tread	
5	0630485	24	Bolt	
6	0641507	4	Bolt 5/16 x 7/8	
7	0641508	4	Bolt 5/16 x 1	
8	0641814	2	Bolt 1/2 x 1-3/4	
9	1380150	2	E-Clip 1/2	
10	1380151	8	E-Clip 3/4	
11	2020006	1	Deck, Extension	
12	3300472	24	Nut 3/8	
13	3311505	8	Nut 5/16	
14	3311802	2	Nut 1/2	
15	3322202	2	Nut	
16	3422966	4	Pin	
17	3510878	1	Platform	
18	3760348	2	Ring, Retaining	
19	3841233	2	Rod, Roller	
20	3860059	6	Roller, Extension	
21	1001143898	2	Roller	
22	4420066	82 ft/25m	Tape, Double Sided (Not Shown - Located Between Floor Plates and Platform Weldment)	
23	4711500	12	Washer 5/16	
24	4711600	4	Washer 3/8	
25	4751600	20	Washer 3/8	
26	1001096985	2	Washer	
27	4752200	2	Washer 3/4	
28	1001143896	4	Mount, Roller	
29	4846519	2	Support, Roller	
30	4846556	1	Kickplate	
50	1001143909	1	Extension Roller Kit (Includes Items 9, 21, 26 & 28)	

FIGURE 5-20. PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 12.6FT/3.8M LENGTH PLATFORM)

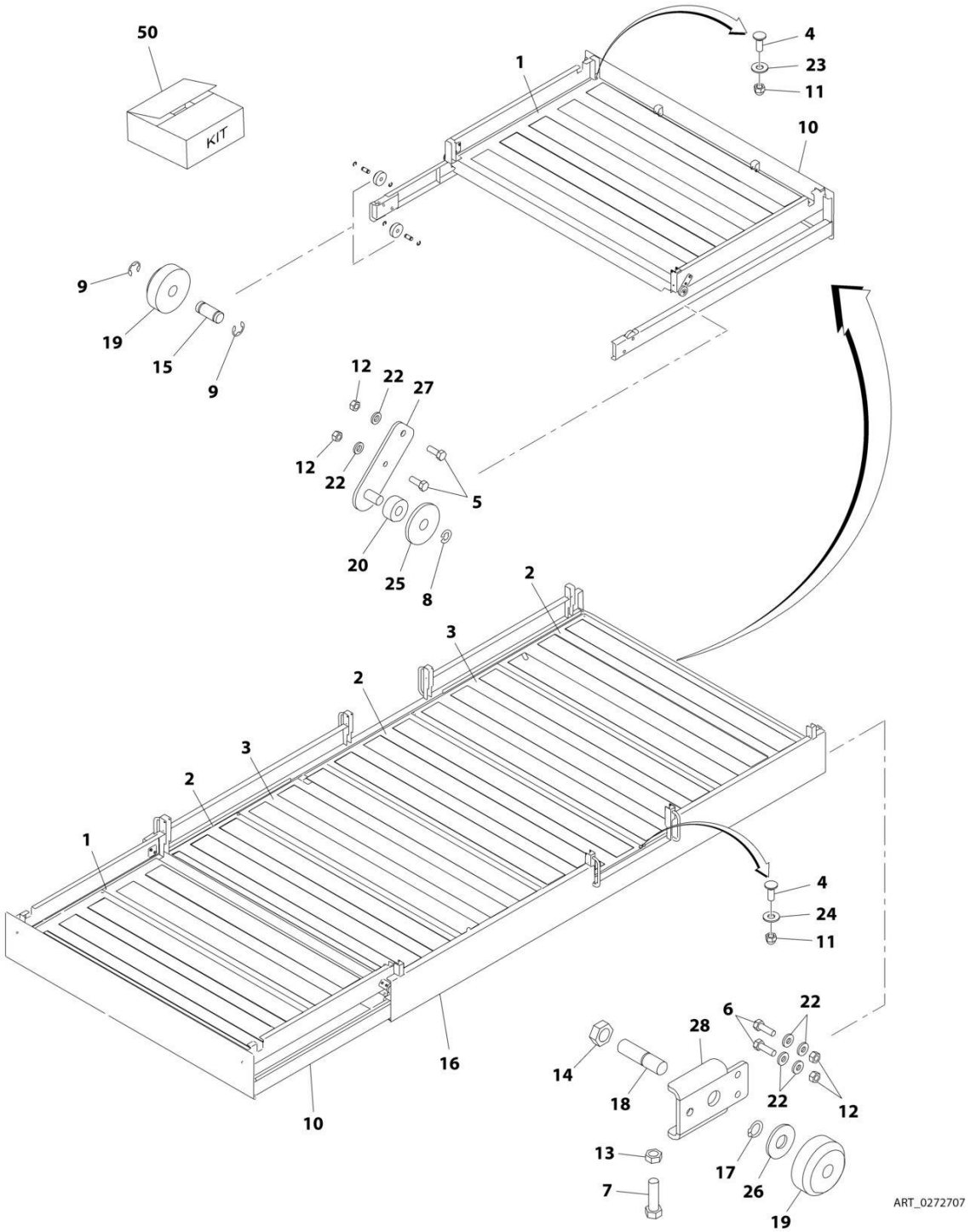


FIGURE 5-20. PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 12.6FT/3.8M LENGTH PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272707	Ref	PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 12.6FT/3.8M LENGTH PLATFORM)	J
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0272101	1	Plate, Floor	
1	4420069	30 ft/9m	Tape, Safety Tread	
2	0272241	3	Plate, Floor	
2	4420069	19.5 ft/6m	Tape, Safety Tread	
3	0272242	2	Plate, Floor	
3	4420069	19.5 ft/6m	Tape, Safety Tread	
4	0630485	28	Bolt	
5	0641507	8	Bolt 5/16 x 7/8	
6	0641508	8	Bolt 5/16 x 1	
7	0641814	4	Bolt 1/2 x 1-3/4	
8	1380150	4	E-Clip 1/2	
9	1380151	16	E-Clip 3/4	
10	2020006	2	Deck, Extension	
11	3300472	28	Nut 3/8	
12	3311505	16	Nut 5/16	
13	3311802	4	Nut 1/2	
14	3322202	4	Nut	
15	3422966	4	Pin	
16	3510878	1	Platform	
17	3760348	4	Ring, Retaining	
18	3841233	4	Rod, Roller	
19	3860059	12	Roller, Extension	
20	1001143898	4	Roller	
21	4420066	97 ft/30m	Tape, Double Sided (Not Shown - Located Between Floor Plates and Platform Weldment)	
22	4711500	24	Washer 5/16	
23	4711600	8	Washer 3/8	
24	4751600	12	Washer 3/8	
25	1001096985	4	Washer	
26	4752200	4	Washer 3/4	
27	1001143896	4	Mount, Roller	
28	4846519	4	Support, Roller	
50	1001143909	1	Extension Roller Kit (Includes Items 8, 20, 25 & 27)	

FIGURE 5-21. PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM)

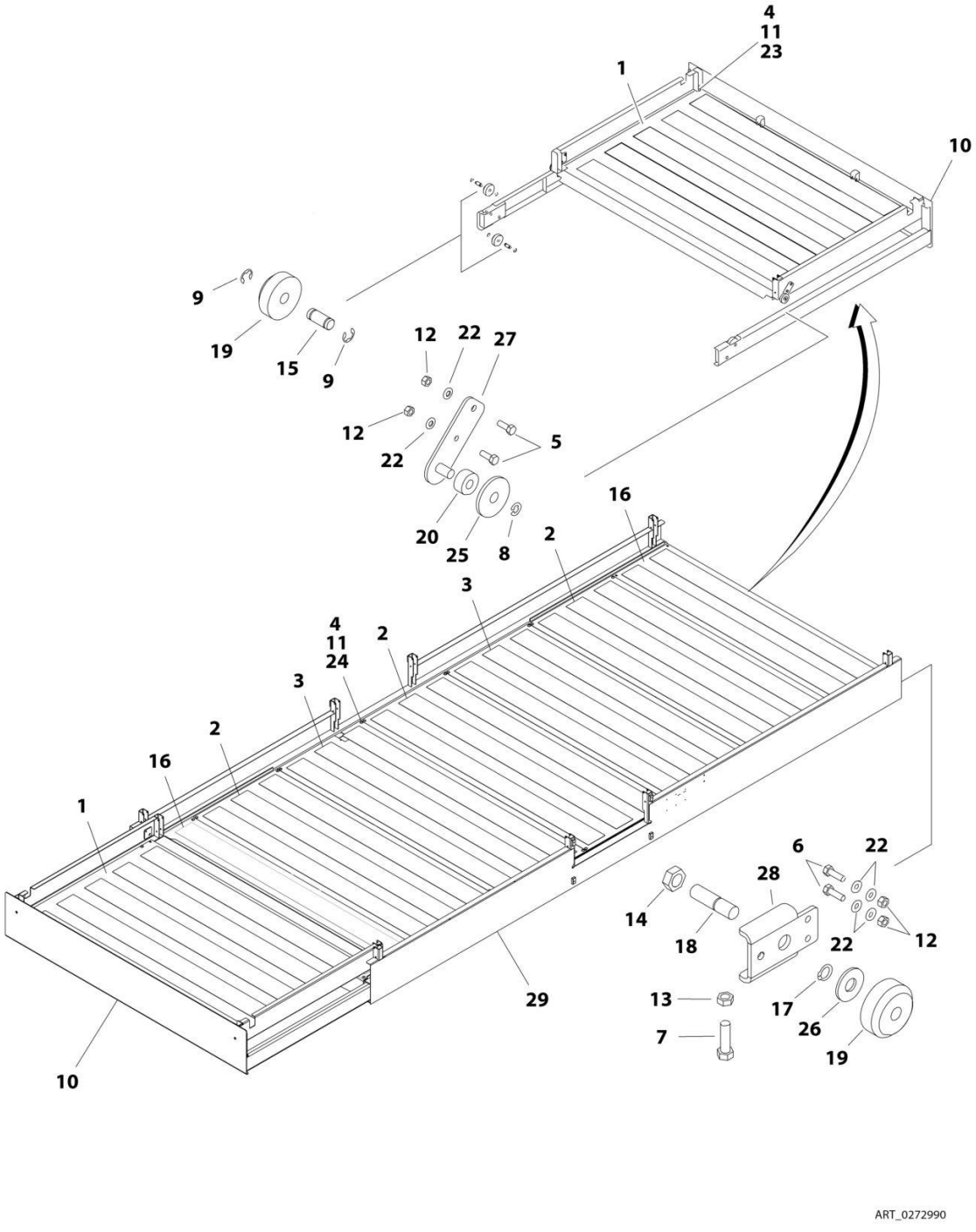


FIGURE 5-21. PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272990	Ref	PLATFORM AND POWER DUAL DECK EXTENSION ASSEMBLY (WITH 15.8FT/4.8M LENGTH MEGADECK PLATFORM)	M
		Ref	Note: Replacement Decals Must be Ordered Separately - See DECAL SECTION.	
1	0272101	2	Plate, Floor	
1	4420069	AR	Tape, Safety Tread	
2	0272241	3	Plate, Floor	
2	4420069	AR	Tape, Safety Tread	
3	0272242	2	Plate, Floor	
3	4420069	AR	Tape, Safety Tread	
4	0630485	32	Bolt	
5	0641507	8	Bolt 5/16 x 7/8	
6	0641508	8	Bolt 5/16 x 1	
7	0641814	4	Bolt 1/2 x 1-3/4	
8	1380150	4	E-Clip 1/2	
9	1380151	16	E-Clip 3/4	
10	2020006	2	Deck, Extension	
11	3300472	32	Nut 3/8	
12	3311505	16	Nut 5/16	
13	3311802	4	Nut 1/2	
14	3322202	4	Nut	
15	3422966	8	Pin	
16	0272998	2	Plate, Deck	
16	4420069	AR	Tape, Safety Tread	
17	3760348	4	Ring, Retaining	
18	3841233	4	Rod, Roller	
19	3860059	12	Roller, Extension	
20	1001143898	4	Roller	
21	4420066	113.5 ft /34.60m	Tape, Double Sided (Not Shown - Located Between Floor Plates and Platform Weldment)	
22	4711500	24	Washer 5/16	
23	4711600	8	Washer 3/8	
24	4751600	22	Washer 3/8	
25	1001096985	4	Washer	
26	4752200	4	Washer 3/4	
27	1001143896	4	Mount, Roller	
28	4846519	4	Support, Roller	
29	3510879	1	Platform	

FIGURE 5-22. POWER DECK AUXILIARY PUMP ASSEMBLY

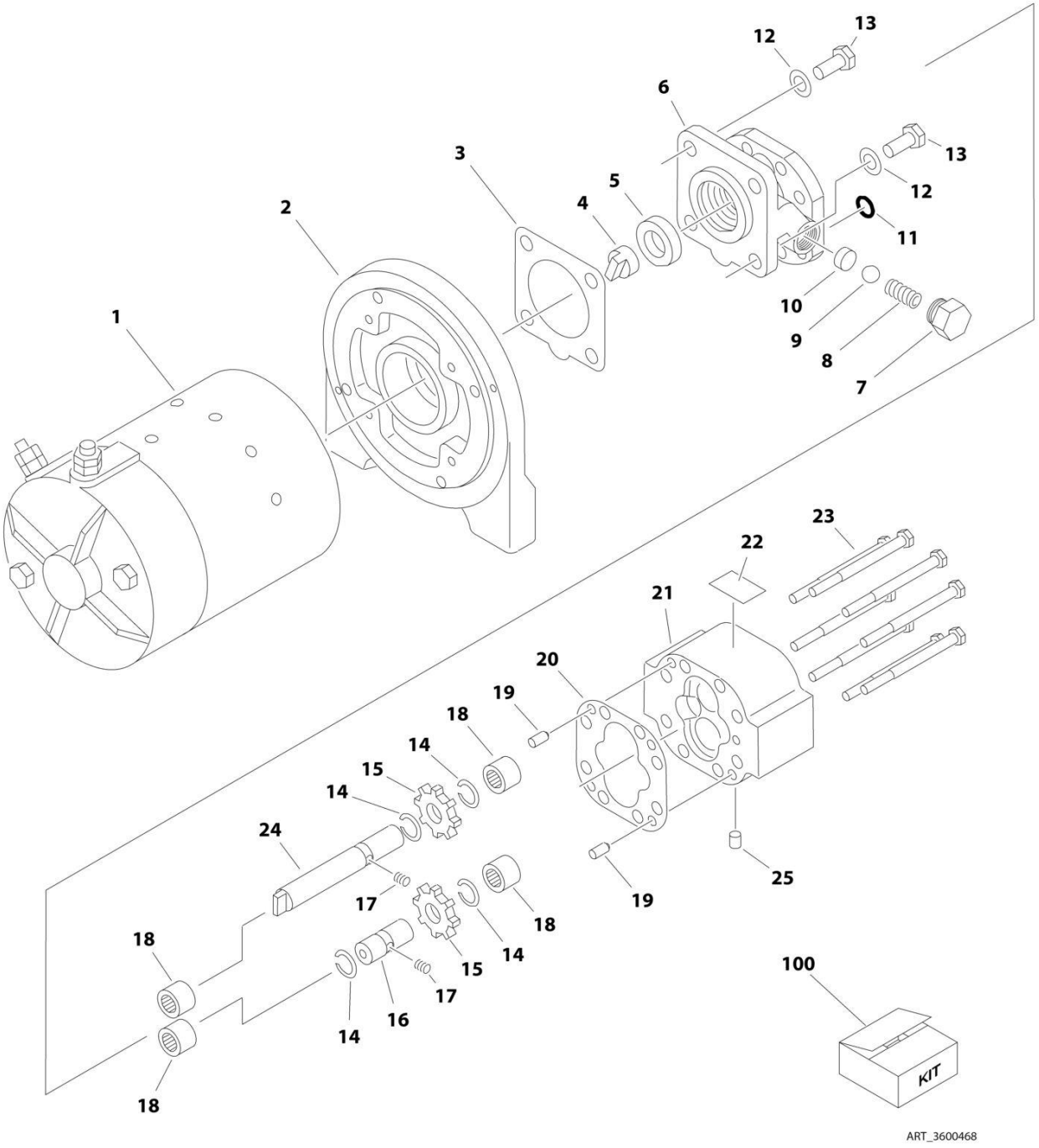
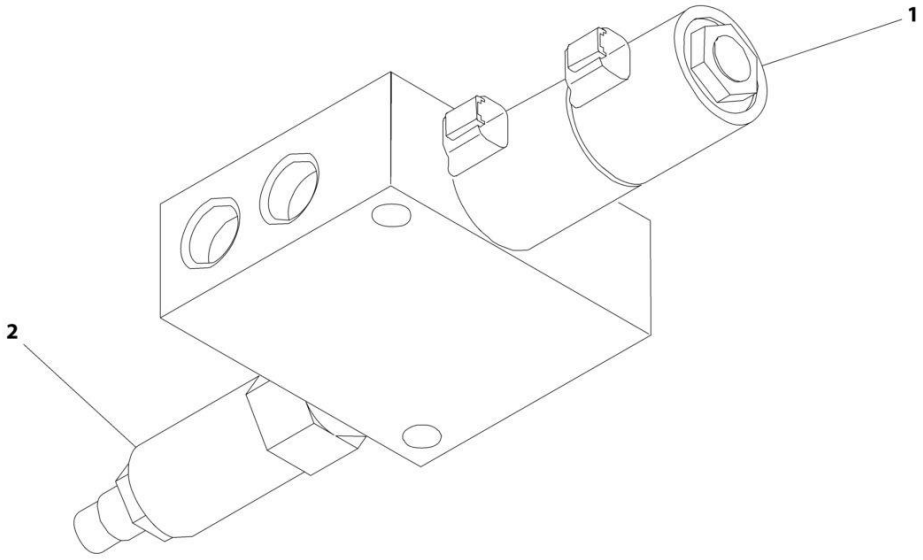


FIGURE 5-22. POWER DECK AUXILIARY PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3600468	Ref	POWER DECK AUXILIARY PUMP ASSEMBLY	B
1	7011003	1	Motor	
2	7012576	1	Bracket, Mounting	
3	7011044	1	Gasket, Mounting	
4	7011016	1	Coupling	
5	70000969	1	Seal, Shaft	
6	See Note	NSS	Stator (Note: Use Item 100)	
7	70001079	1	Cap Assembly	
8	70001076	1	Spring	
9	70001081	1	Ball	
10	70001080	1	Seat	
11	7011024	1	Seal	
12	7011048	4	Washer	
13	7011043	4	Screw	
14	70000970	4	Ring, Retaining	
15	70000971	2	Gear	
16	70001112	1	Shaft, Idler	
17	70001065	2	Pin, Drive	
18	70000976	4	Bearing, Needle	
19	7010911	2	Pin, Dowel	
20	70001085	1	Gasket	
21	See Note	NSS	Housing, Gear (Note: Use Item 100)	
22	See Note	NSS	Label (Note: Not Available for Purchase)	
23	70001106	8	Screw	
24	70001107	1	Shaft, Drive	
25	See Note	NSS	Plug (Note: Use Item 100)	
100	70001108	1	Replacement Pump Kit (Includes Items 3-25)	

FIGURE 5-23. POWER DECK VALVE ASSEMBLY - SINGLE EXTENSION



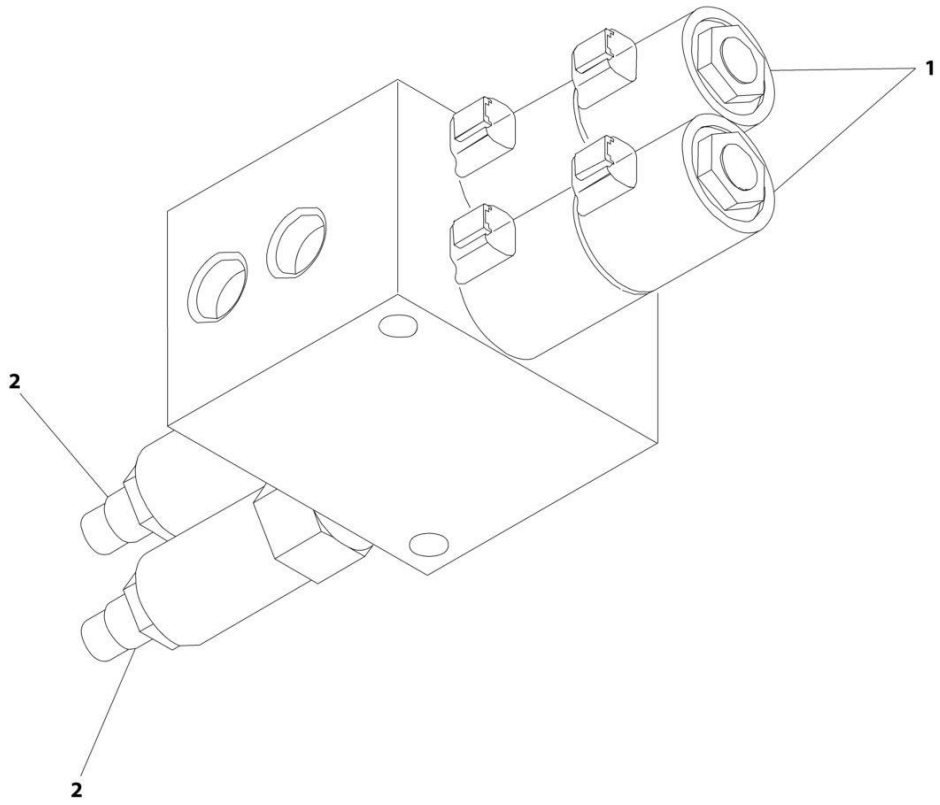
ART_1001103266

FIGURE 5-23. POWER DECK VALVE ASSEMBLY - SINGLE EXTENSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103266	Ref	POWER DECK VALVE ASSEMBLY - SINGLE EXTENSION	A
1	7017433	1	Solenoid Cartridge Valve Assembly	
1	7017402	1	Seal Kit - 7017433 Cartridge	
1	70001977	2	Coil	
2	7017460	1	Relief Valve Assembly	
2	7017461	1	Seal Kit - 7017460 Cartridge	

FIGURE 5-24. POWER DECK VALVE ASSEMBLY - DUAL EXTENSION

USAGE CHART:
- **ALL 12.6FT/3.8M LENGTH PLATFORM**
- **15.8FT/4.8M LENGTH MEGADECK PLATFORM (SN 0200246957 TO PRESENT)**



ART_1001103267

FIGURE 5-24. POWER DECK VALVE ASSEMBLY - DUAL EXTENSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All 12.6ft/3.8m Length Platform	
		Ref	- 15.8ft/4.8m Length Megadeck Platform **(SN 0200246957 to Present)**	
	1001103267	Ref	POWER DECK VALVE ASSEMBLY - DUAL EXTENSION	A
1	7017433	2	Solenoid Cartridge Valve Assembly	
1	7017402	2	Seal Kit - 7017433 Cartridge	
1	70001977	4	Coil	
2	7017460	2	Relief Valve Assembly	
2	7017461	2	Seal Kit - 7017460 Cartridge	

FIGURE 5-25. POWER DECK VALVE ASSEMBLY - DUAL EXTENSION

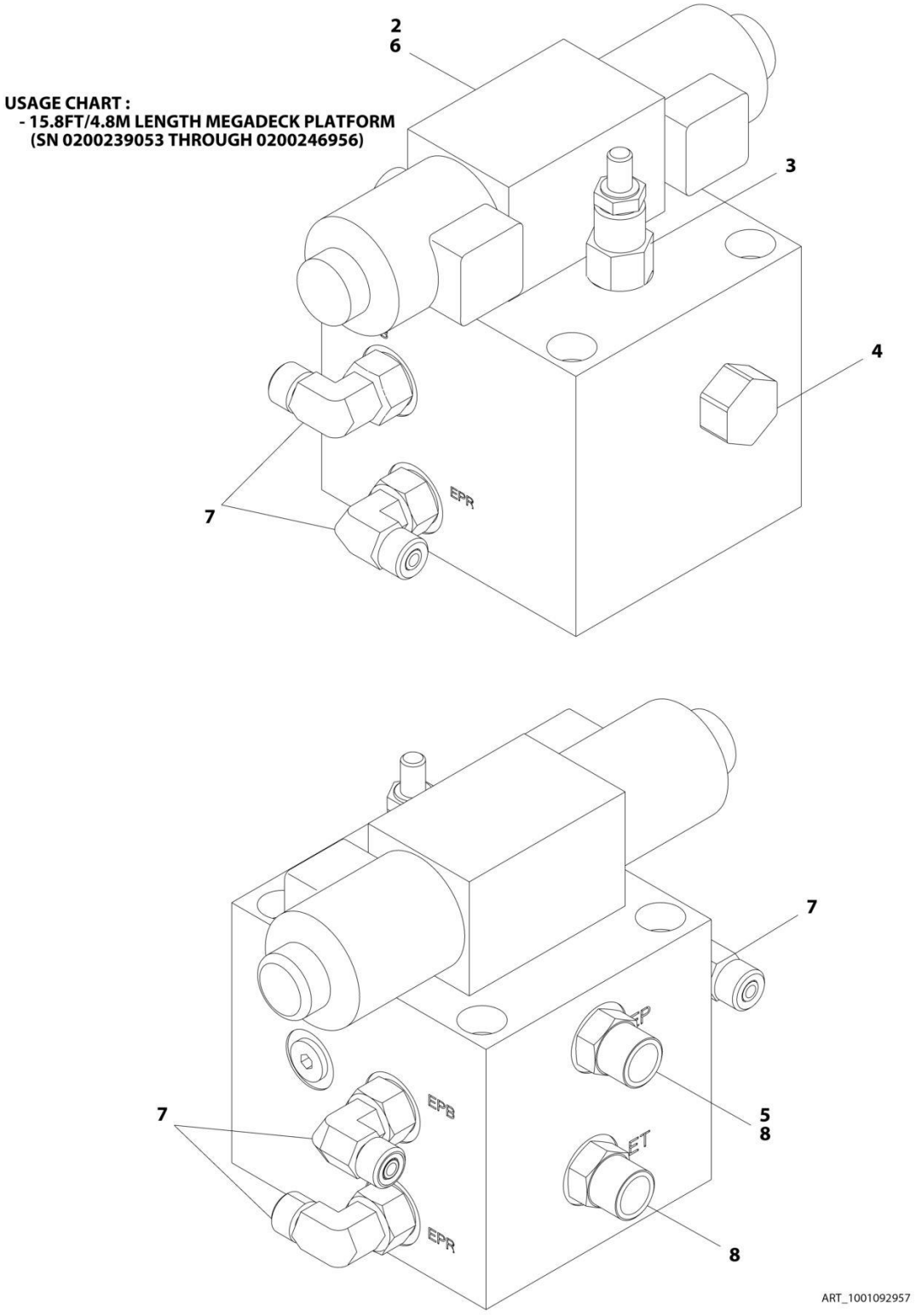


FIGURE 5-25. POWER DECK VALVE ASSEMBLY - DUAL EXTENSION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- 15.8ft/4.8m Length Megadeck Platform **(SN 0200239053 through 0200246956)**	
	1001092957	Ref	POWER DECK VALVE ASSEMBLY - DUAL EXTENSION	B
2	70001342	1	Control Valve Assembly	
3	70001343	1	Cartridge, Relief Valve	
3	7011346	1	Seal Kit - 70001343 Valve	
4	7026002	1	Cartridge, Shuttle Valve	
4	2900770	1	Seal Kit - 7026002 Valve	
5	7024926	1	Orifice	
6	7018942	4	Capscrew #10 x 2	
7	2130406	4	Fitting, 90 ORFS/ORB	
8	2110606	2	Fitting, Straight ORFS/ORB	

FIGURE 5-26. RAILS INSTALLATION - CHAIN ENTRY (SINGLE DECK EXTENSION)

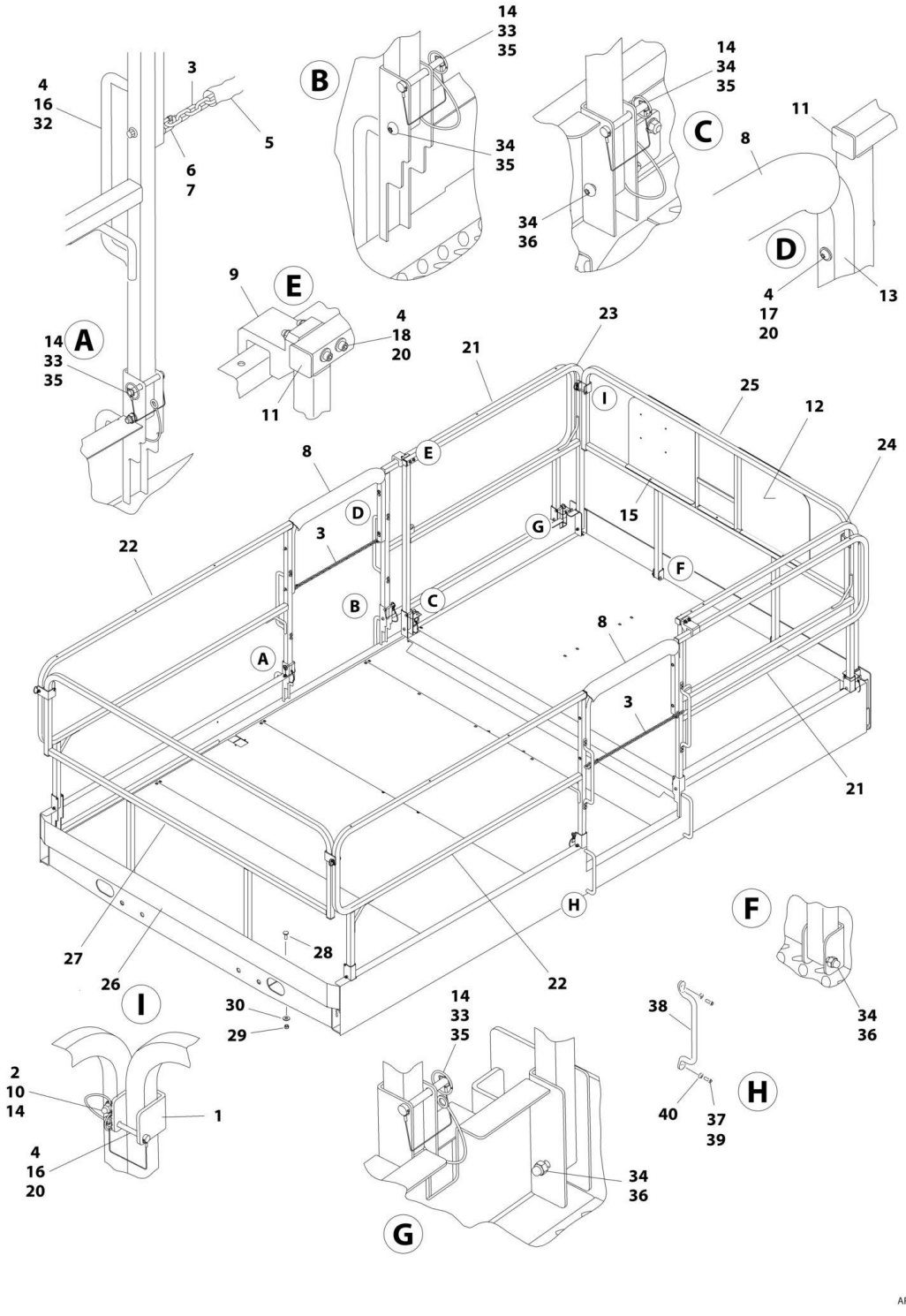


FIGURE 5-26. RAILS INSTALLATION - CHAIN ENTRY (SINGLE DECK EXTENSION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271694	Ref	RAILS INSTALLATION - CHAIN ENTRY (SINGLE DECK EXTENSION)	M
1	0901870	4	Bracket	
2	1060379	4	Lanyard	
3	1260136	4 ft /1.2m	Chain	
4	2080063	32	Fastener 1/4	
5	2820097	2	Cover, Chain	
6	2940064	2	Latch, Snap	
7	3010088	4	Link, Repair	
8	3340612	3 ft /0.91m	Cover, Rail	
9	3340937	2	Pad, Slide	
10	3422219	4	Pin, Snap	
11	3520072	10	Plug, Cap	
12	3571862	1	Plate, Placard	
13	4846590	2	Rail	
14	3760170	12	Ring, Split	
15	3820020	7	Rivet	
16	3900318	20	Screw 1/4 x 2	
17	3900319	8	Screw 1/4 x 3	
18	3931436	4	Capscrew 1/4 x 2-1/4	
20	4711400	24	Washer 1/4	
21	4846530	2	Rail, Side	
22	4846531	2	Rail, Side	
23	4846532	1	Rail, Side Extension	
24	4846537	1	Rail, Side Extension	
25	4846542	1	Rail, End Extension	
26	4846556	1	Kickplate	
27	4846557	1	Rail, End	
28	0630485	4	Bolt 3/8	
29	3311605	4	Nut 3/8	
30	4751600	4	Washer 3/8	
31	2902067	1	Rail Kit (Not Shown - Includes Items 12, 13, 15 & 21-27)	
32	2560176	4	Handle	
33	1060808	8	Lanyard	
34	2080064	16	Fastener 5/16	
35	3421565	8	Pin, Snap	
36	3900323	16	Screw 5/16 x 2	
37	0100011	AR	Compound, Locking	
38	2560188	4	Handle	
39	3931512	8	Bolt 5/16 x 3/4	
40	4711500	8	Washer 5/16	

FIGURE 5-27. RAILS INSTALLATION - CHAIN ENTRY (DUAL DECK EXTENSION)

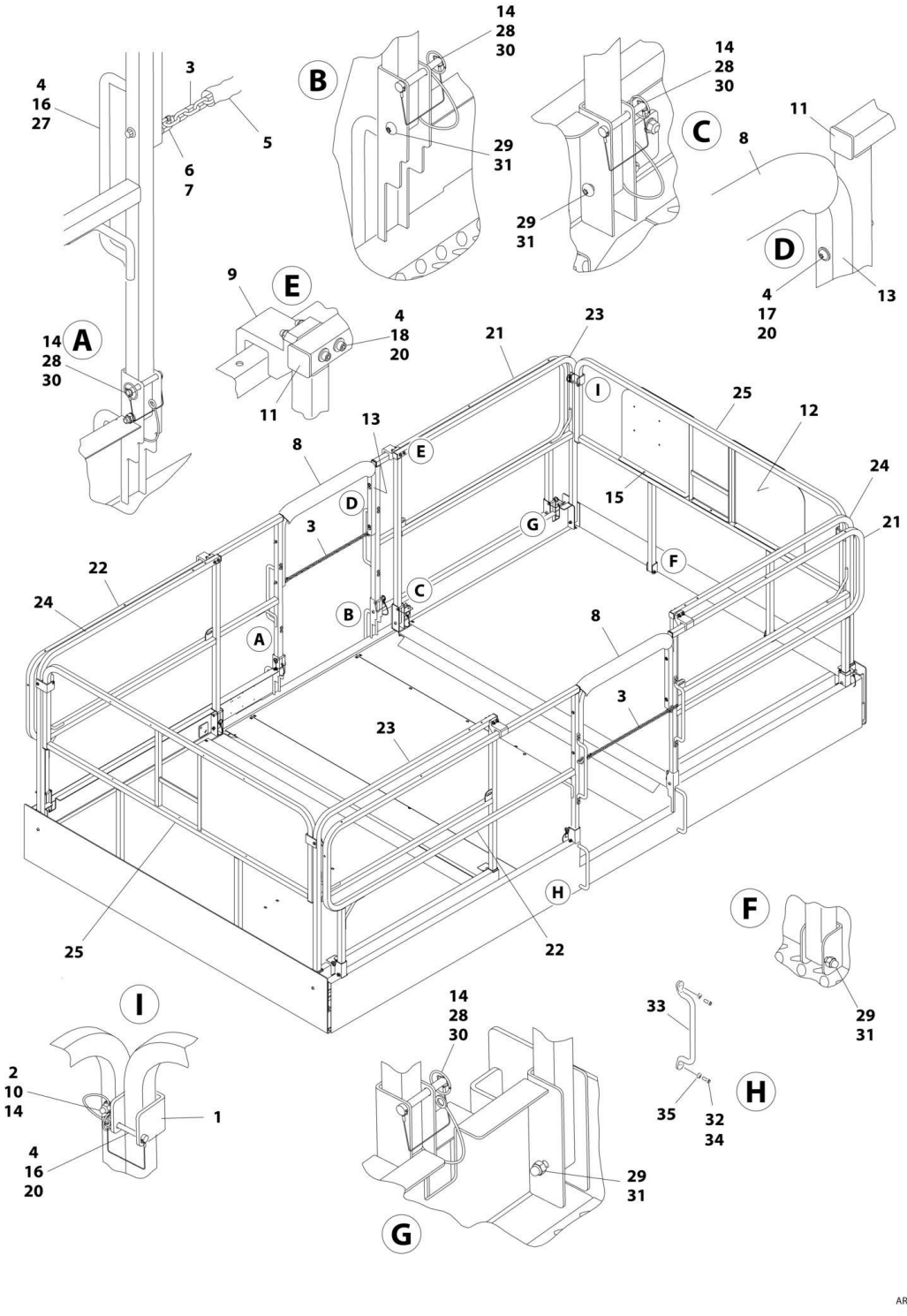


FIGURE 5-27. RAILS INSTALLATION - CHAIN ENTRY (DUAL DECK EXTENSION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271711	Ref	RAILS INSTALLATION - CHAIN ENTRY (DUAL DECK EXTENSION)	L
1	0901870	4	Bracket	
2	1060379	4	Lanyard	
3	1260136	4 ft /1.2m	Chain	
4	2080063	36	Fastener 1/4	
5	2820097	2	Cover, Chain	
6	2940064	2	Latch, Snap	
7	3010088	4	Link, Repair	
8	3340612	3 ft /0.91m	Cover, Rail	
9	3340937	4	Pad, Slide	
10	3422219	4	Pin, Snap	
11	3520072	10	Plug, Cap	
12	3571862	1	Plate, Placard	
13	4846590	2	Rail	
14	3760170	16	Ring, Split	
15	3820020	7	Rivet	
16	3900318	20	Screw 1/4 x 2	
17	3900319	8	Screw 1/4 x 3	
18	3931436	8	Capscrew 1/4 x 2-1/4	
20	4711400	32	Washer 1/4	
21	4846530	2	Rail, Side	
22	4846531	2	Rail, Side	
23	4846532	2	Rail, Side Extension	
24	4846537	2	Rail, Side Extension	
25	4846542	2	Rail, End Extension	
26	2902148	1	Rail Kit (Not Shown - Includes Items 12, 13, 15 & 21-25)	
27	2560176	4	Handle	
28	1060808	12	Lanyard	
29	2080064	20	Fastener 5/16	
30	3421565	12	Pin, Snap	
31	3900323	20	Screw 5/16 x 2	
32	0100011	AR	Compound, Locking	
33	2560188	4	Handle	
34	3931512	8	Bolt 5/16 x 3/4	
35	4711500	8	Washer 5/16	

FIGURE 5-28. RAILS INSTALLATION - SWING GATE ENTRY (SINGLE DECK EXTENSION)

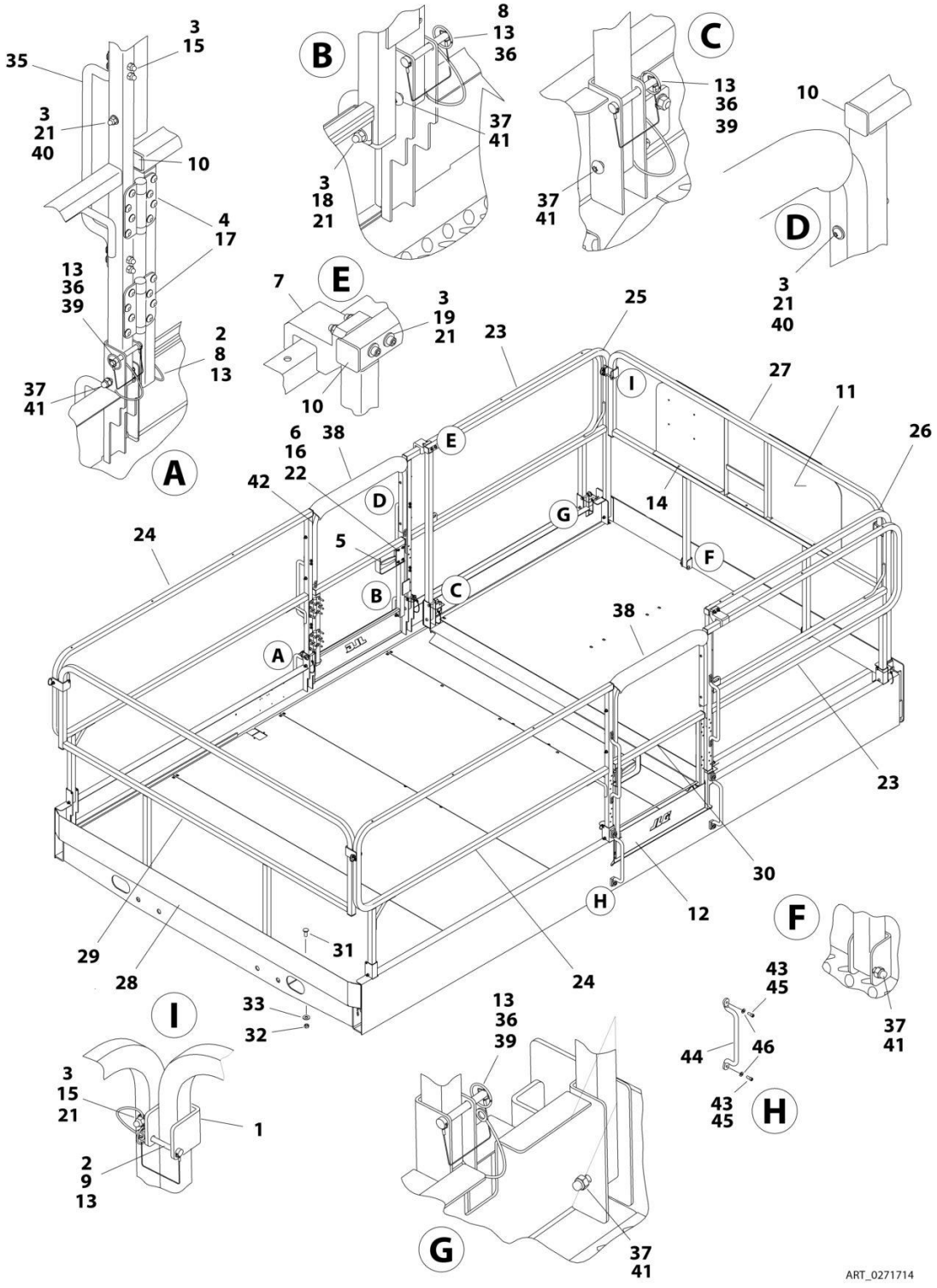


FIGURE 5-28. RAILS INSTALLATION - SWING GATE ENTRY (SINGLE DECK EXTENSION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271714	Ref	RAILS INSTALLATION - SWING GATE ENTRY (SINGLE DECK EXTENSION)	K
1	0901870	4	Bracket	
2	1060379	6	Lanyard	
3	2080063	36	Fastener 1/4	
4	2600285	4	Hinge	
5	2940074	2	Latch	
6	3300432	8	Nut #10	
7	3340937	2	Pad, Slide	
8	3421453	4	Pin, Snap	
9	3422219	4	Pin, Snap	
10	3520072	14	Plug, Cap	
11	3571862	1	Plate, Placard	
12	3573472	2	Kickplate	
13	3760170	14	Ring, Split	
14	3820020	7	Rivet	
15	3900318	20	Screw 1/4 x 2	
16	3931010	8	Capscrew #10 x 5/8	
17	2080040	32	Fastener, Huck	
18	3911428	4	Screw 1/4 x 1-3/4	
19	3931436	4	Capscrew 1/4 x 2-1/4	
21	4711400	30	Washer 1/4	
22	4751000	8	Washer #10	
23	4846530	2	Rail, Side	
24	4846531	2	Rail, Side	
25	4846532	1	Rail, Side Extension	
26	4846537	1	Rail, Side Extension	
27	4846542	1	Rail, End Extension	
28	4846556	1	Kickplate	
29	4846557	1	Rail, End	
30	4846570	2	Gate	
31	0630485	4	Bolt	
32	3311605	4	Nut 3/8	
33	4751600	4	Washer 3/8	
34	2902147	1	Rail Kit (Not Shown - Includes Items 11, 12, 14, 23-30 & 42)	
35	2560176	4	Handle	
36	1060808	8	Lanyard	
37	2080064	16	Fastener 5/16	
38	3340612	3 ft /0.91m	Cover, Rail	
39	3421565	6	Pin, Snap	
40	3900319	8	Screw 1/4 x 3	
41	3900323	16	Screw 5/16 x 2	
42	4846590	2	Rail	
43	0100011	AR	Compound, Locking	
44	2560188	4	Handle	
45	3931512	8	Bolt 5/16 x 3/4	
46	4711500	8	Washer 5/16	

FIGURE 5-29. RAILS INSTALLATION - SWING GATE ENTRY (DUAL DECK EXTENSION)

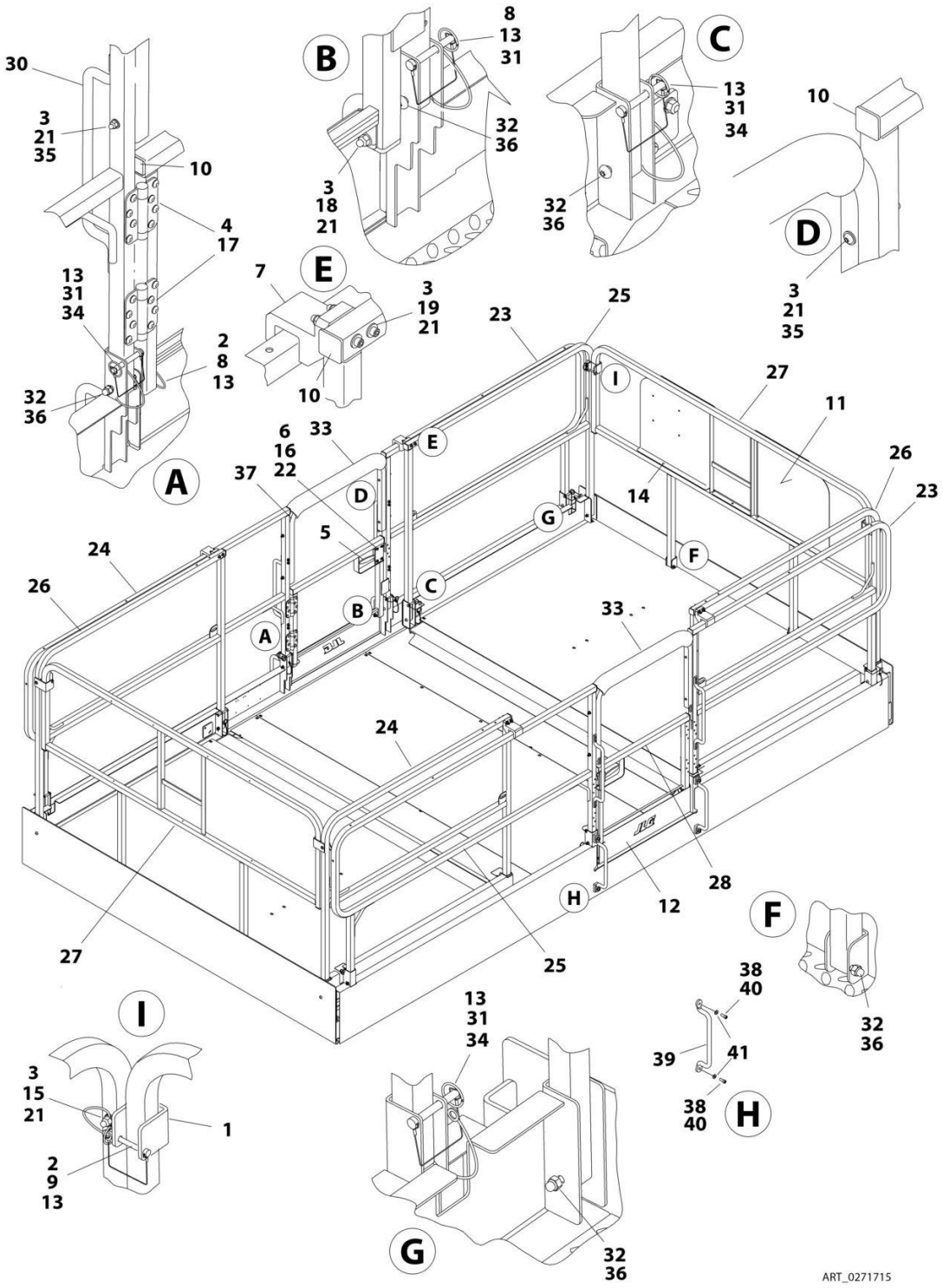


FIGURE 5-29. RAILS INSTALLATION - SWING GATE ENTRY (DUAL DECK EXTENSION)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271715	Ref	RAILS INSTALLATION - SWING GATE ENTRY (DUAL DECK EXTENSION)	K
1	0901870	4	Bracket	
2	1060379	6	Lanyard	
3	2080063	40	Fastener 1/4	
4	2600285	4	Hinge	
5	2940074	2	Latch	
6	3300432	8	Nut #10	
7	3340937	4	Pad, Slide	
8	3421453	4	Pin, Snap	
9	3422219	4	Pin, Snap	
10	3520072	16	Plug, Cap	
11	3571862	1	Plate, Placard	
12	3573472	2	Kickplate	
13	3760170	18	Ring, Split	
14	3820020	7	Rivet	
15	3900318	20	Screw 1/4 x 2	
16	3931010	8	Capscrew #10 x 5/8	
17	2080040	32	Fastener, Huck	
18	3911428	4	Screw 1/4 x 1-3/4	
19	3931436	8	Capscrew 1/4 x 2-1/4	
21	4711400	38	Washer 1/4	
22	4751000	8	Washer #10	
23	4846530	2	Rail, Side	
24	4846531	2	Rail, Side	
25	4846532	2	Rail, Side Extension	
26	4846537	2	Rail, Side Extension	
27	4846542	2	Rail, End Extension	
28	4846570	2	Gate	
29	2902148	1	Rail Kit (Not Shown - Includes Items 11, 12, 14, 23-28 & 37)	
30	2560176	4	Handle	
31	1060808	12	Lanyard	
32	2080064	20	Fastener 5/16	
33	3340612	3 ft /0.91m	Cover, Rail	
34	3421565	10	Pin, Snap	
35	3900319	8	Screw 1/4 x 3	
36	3900323	20	Screw 5/16 x 2	
37	4846590	2	Rail	
38	0100011	AR	Compound, Locking	
39	2560188	4	Handle	
40	3931512	8	Bolt 5/16 x 3/4	
41	4711500	8	Washer 5/16	

FIGURE 5-30. RAILS INSTALLATION - SWING GATE ENTRY (MEGADECK EXTENSION - 3394RT) (CE SPEC ONLY)

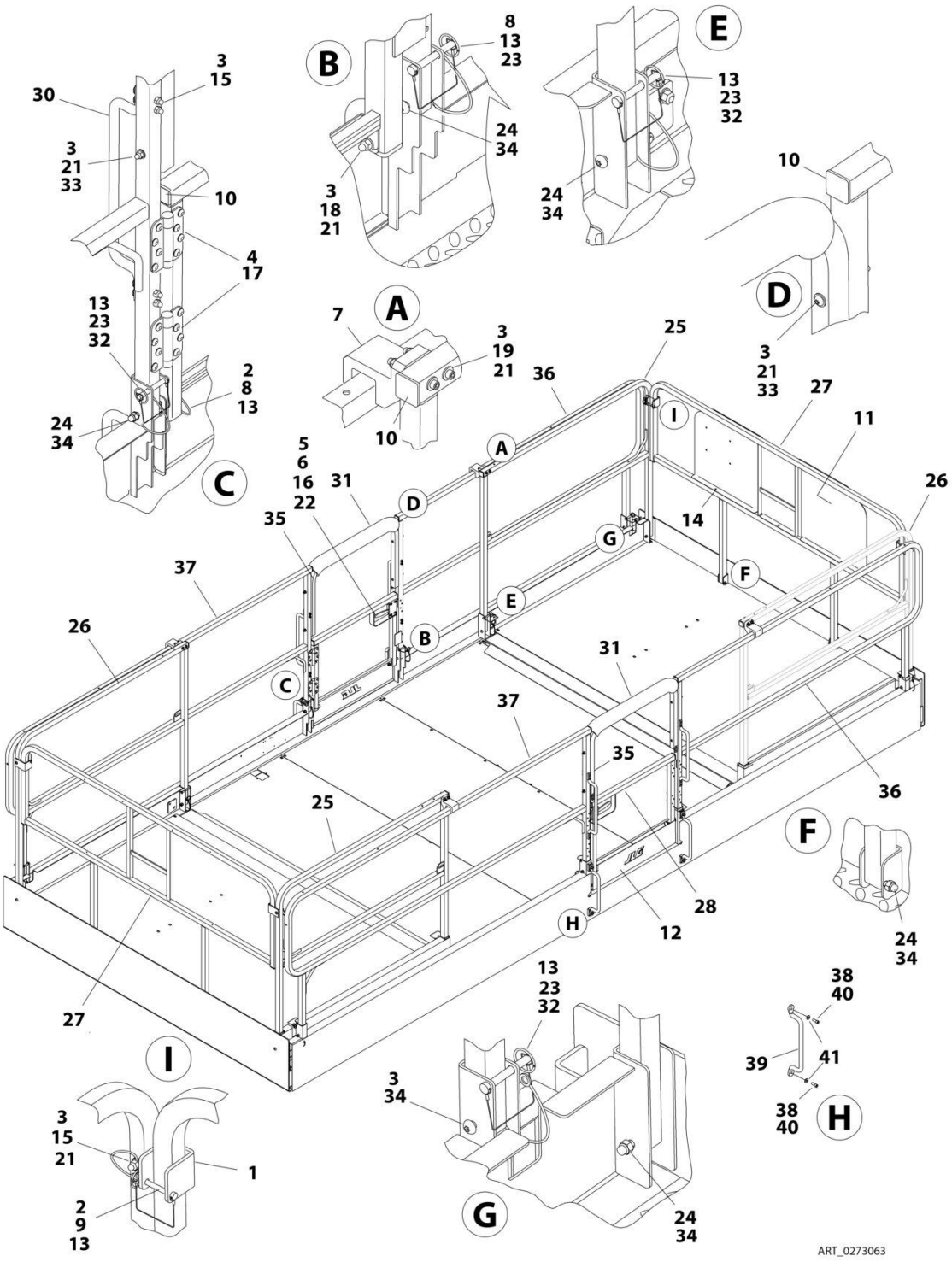


FIGURE 5-30. RAILS INSTALLATION - SWING GATE ENTRY (MEGADECK EXTENSION - 3394RT) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0273063	Ref	RAILS INSTALLATION - SWING GATE ENTRY (MEGADECK EXTENSION - 3394RT) (CE SPEC ONLY)	E
1	0901870	4	Bracket	
2	1060379	6	Lanyard	
3	2080063	40	Fastener 1/4	
4	2600285	4	Hinge	
5	2940074	2	Latch	
6	3300432	8	Nut #10	
7	3340937	4	Pad, Slide	
8	3421453	4	Pin, Snap	
9	3422219	4	Pin, Snap	
10	3520072	16	Plug, Cap	
11	3571862	1	Plate, Placard	
12	3573472	2	Kickplate	
13	3760170	18	Ring, Split	
14	3820020	7	Rivet	
15	3900318	20	Screw 1/4 x 2	
16	3931010	8	Capscrew #10 x 5/8	
17	2080040	32	Fastener, Huck	
18	3911428	4	Screw 1/4 x 1-3/4	
19	3931436	8	Capscrew 1/4 x 2-1/4	
21	4711400	38	Washer 1/4	
22	4751000	8	Washer #10	
23	1060808	12	Lanyard	
24	2080064	20	Fastener 5/16	
25	4846532	2	Rail, Side Extension	
26	4846537	2	Rail, Side Extension	
27	4846542	2	Rail, End Extension	
28	4846570	2	Gate	
29	2902263	1	Rail Kit (Not Shown - Includes Items 11, 12, 14, 25-28 & 35-37)	
30	2560176	4	Handle	
31	3340612	3 ft /0.91m	Cover, Rail	
32	3421565	10	Pin, Snap	
33	3900319	8	Screw 1/4 x 3	
34	3900323	20	Screw 5/16 x 2	
35	4846590	2	Rail	
36	4846843	2	Rail, Side	
37	4846844	2	Rail, Side	
38	0100011	AR	Compound, Locking	
39	2560188	4	Handle	
40	3931512	8	Bolt 5/16 x 3/4	
41	4711500	8	Washer 5/16	

FIGURE 5-31. PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES

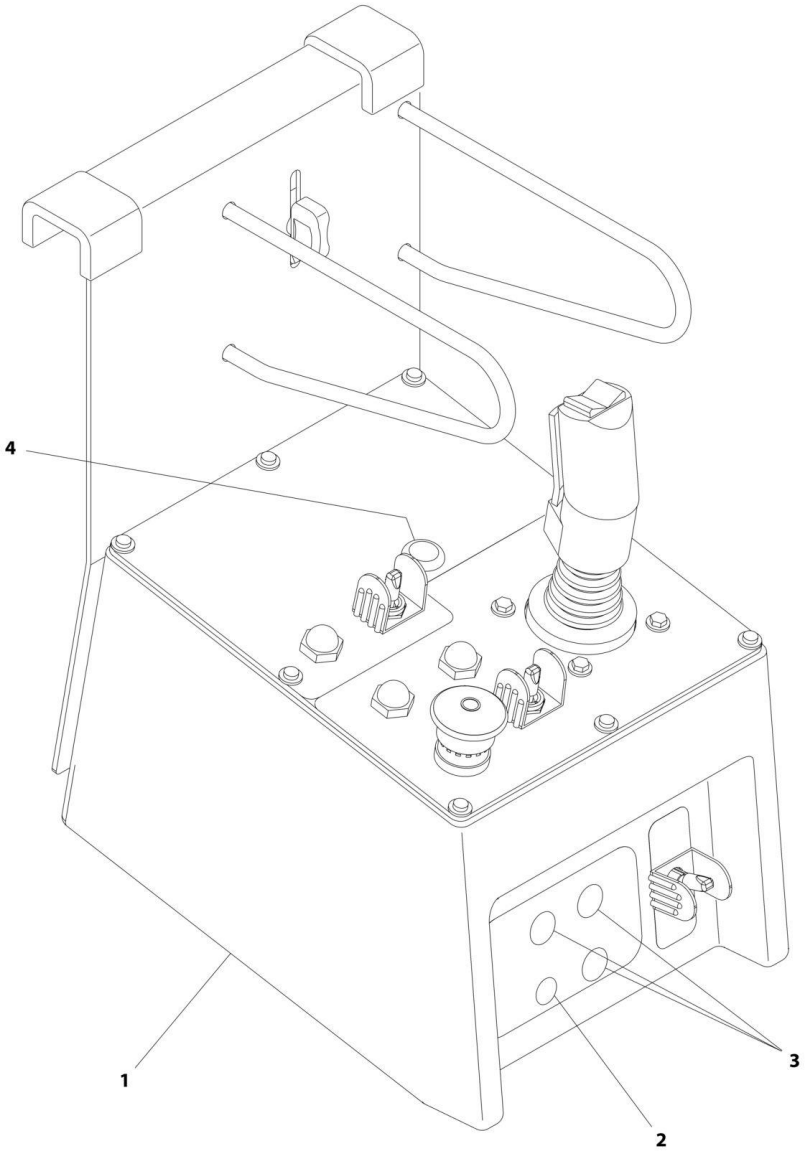


FIGURE 5-31. PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272409	Ref	PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES	C
	See Note	Ref	Note: For machines with platform console box with cover refer to SPECIAL OPTIONS SECTION.	
	See Note	Ref	Note: For machines with platform console box with Turn Signal and Lights refer to SPECIAL OPTIONS SECTION.	
1	0272400	1	Platform Console Box Assembly (See PLATFORM CONSOLE BOX ASSEMBLY - DIESEL MACHINES for Breakdown)	
2	3520079	1	Plug, Hole	
3	3520080	3	Plug, Hole	
4	3520193	1	Plug, Hole	

FIGURE 5-32. PLATFORM CONSOLE BOX INSTALLATION - GAS DUAL FUEL MACHINES

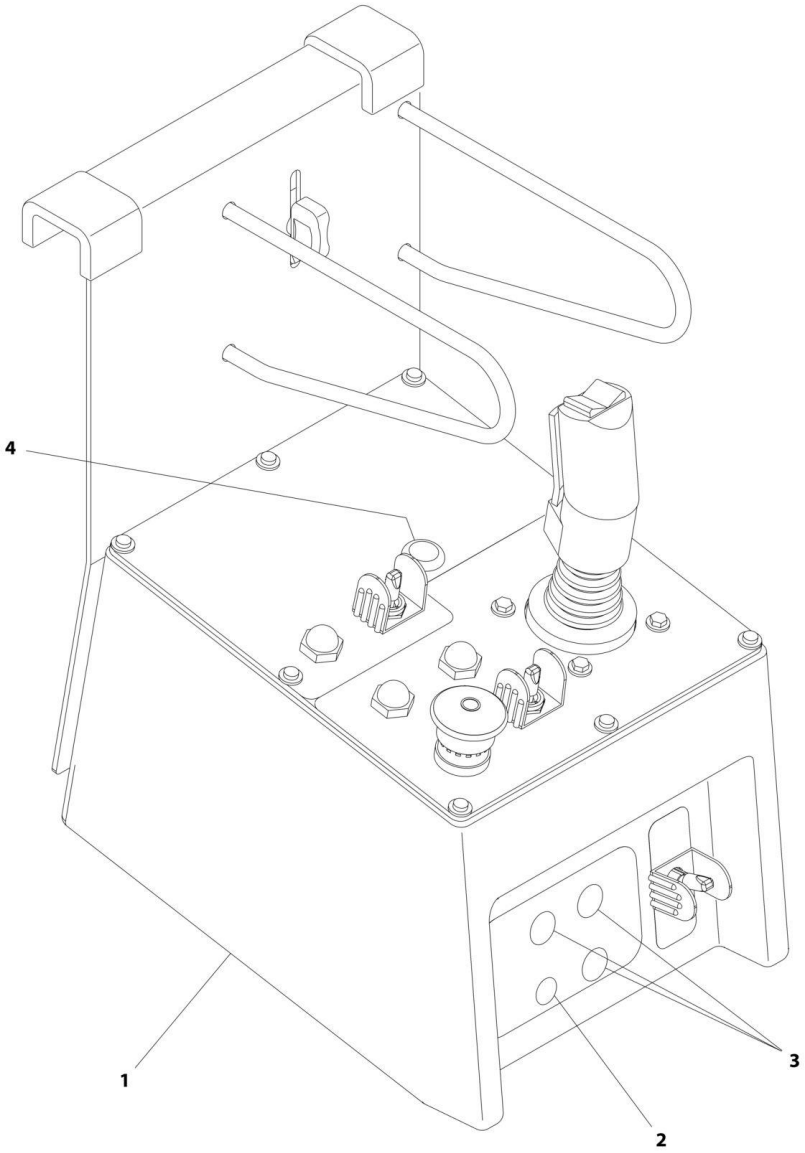


FIGURE 5-32. PLATFORM CONSOLE BOX INSTALLATION - GAS DUAL FUEL MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272405	Ref	PLATFORM CONSOLE BOX INSTALLATION - GAS DUAL FUEL MACHINES	C
	See Note	Ref	Note: For machines with platform console box with cover refer to SPECIAL OPTIONS SECTION.	
	See Note	Ref	Note: For machines with platform console box with Turn Signal and Lights refer to SPECIAL OPTIONS SECTION.	
1	0271748	1	Platform Console Box Assembly (See PLATFORM CONSOLE BOX ASSEMBLY - GAS DUAL FUEL MACHINES for Breakdown)	
2	3520079	1	Plug, Hole	
3	3520080	3	Plug, Hole	
4	3520193	1	Plug, Hole	

FIGURE 5-33. PLATFORM CONSOLE BOX ASSEMBLY - DIESEL MACHINES

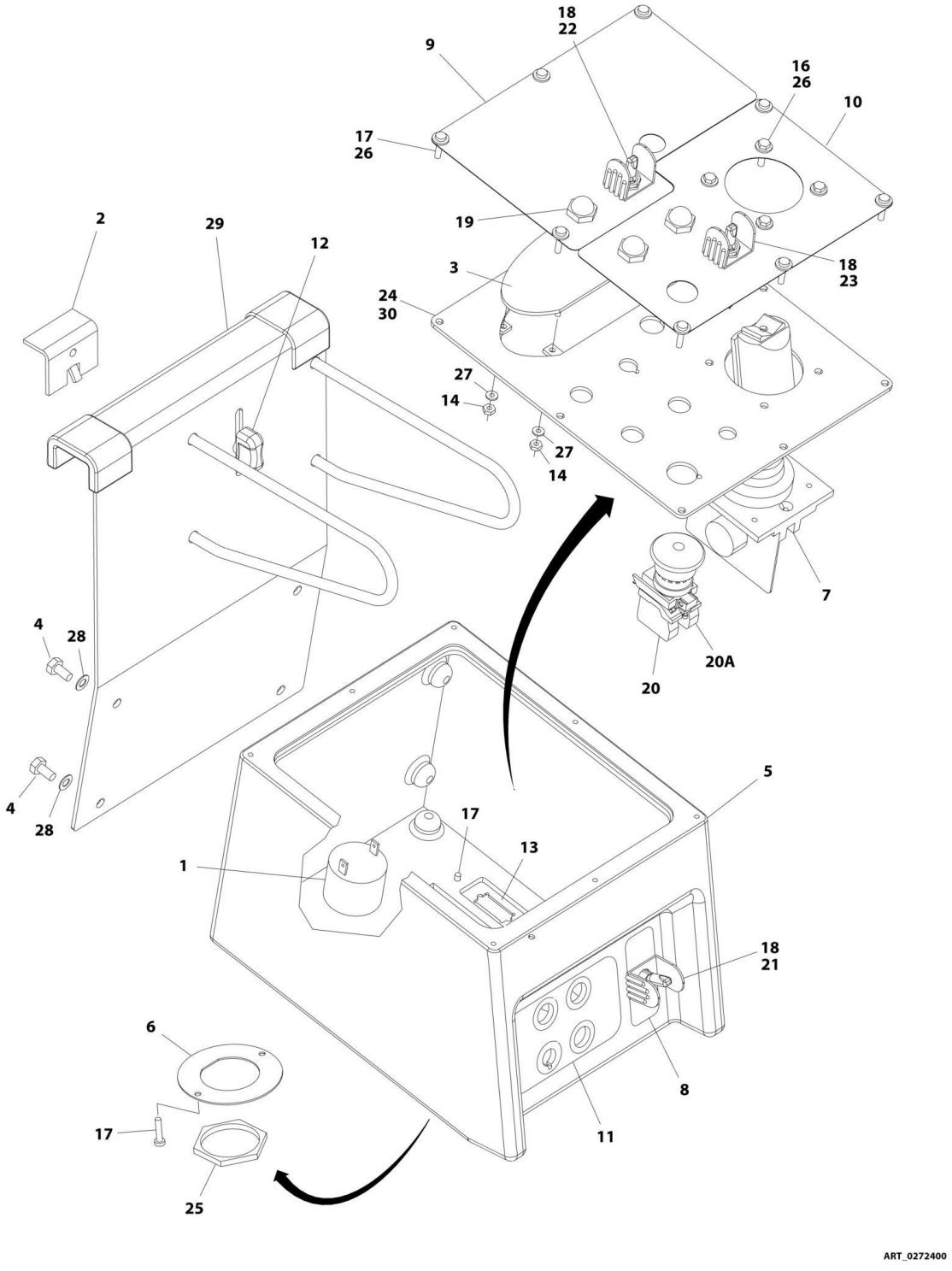


FIGURE 5-33. PLATFORM CONSOLE BOX ASSEMBLY - DIESEL MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272400	Ref	PLATFORM CONSOLE BOX ASSEMBLY - DIESEL MACHINES	F
		Ref	Note: For machines with platform console box with cover refer to SPECIAL OPTIONS SECTION.	
		Ref	Note: For machines with platform console box with Turn Signal and Lights refer to SPECIAL OPTIONS SECTION.	
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	Board, P/C Display	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861554	1	Box, Console	
6	0902499	1	Bracket, D-Ring	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1704589	1	Decal - Glow Plug	
9	1705913	1	Decal - Platform Lid (Top Half of 2 Pc Decal)	
10	1705914	1	Decal - Platform Lid (Bottom Half of 2 Pc Decal)	
11	1705392	1	Decal - Outrigger Select	
12	2560141	1	Thumbscrew	
13	3200450	1	Mount, Terminal	
14	3310601	4	Nut #6	
16	3900178	4	Screw Plastite #10 x 1/2	
17	3900265	12	Screw #8 x 3/4	
18	4060802	3	Guard, Switch	
19	4360387	3	Switch, Push Button	
20	4360475	1	Switch, Emergency Stop	
20	7020175	1	Cap	
20A	7020176	1	Block, Contact	
21	4360483	1	Switch, Toggle	
22	4360524	1	Switch, Toggle	
23	4360525	1	Switch, Toggle	
24	4420008	38 in/1m	Tape, Insulation	
25	4460470	1	Nut, Terminal	
26	4740120	12	Washer, Nylon	
27	4760600	4	Washer #6	
28	4791400	4	Washer 1/4	
29	4845938	1	Bracket, Box Mounting	
30	4846655	1	Lid, Box	
31	4922768	1	Platform Console Box Harness (Not Shown - See ELECTRICAL SECTION for Breakdown)	

FIGURE 5-34. PLATFORM CONSOLE BOX ASSEMBLY - GAS DUAL FUEL MACHINES

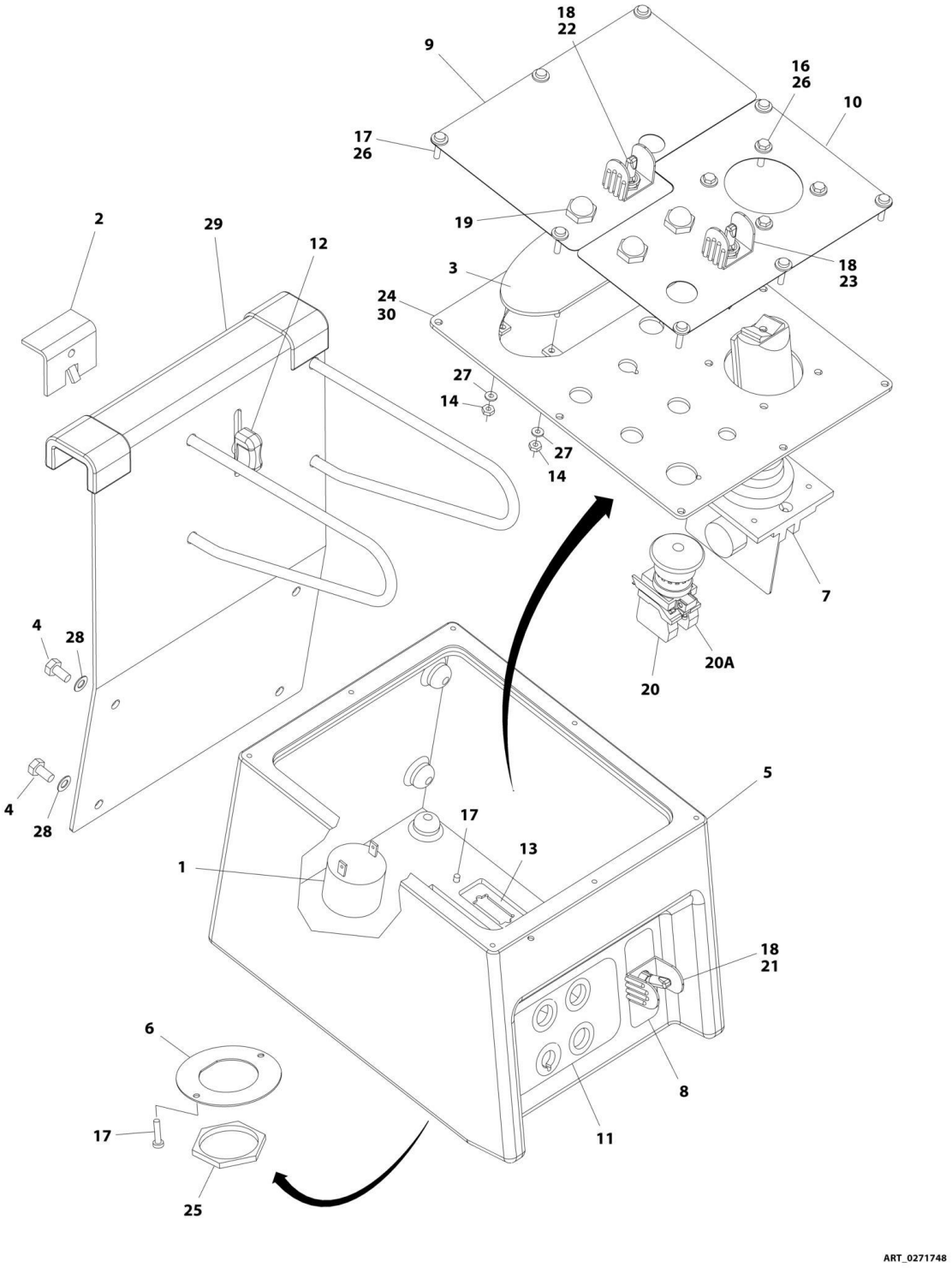


FIGURE 5-34. PLATFORM CONSOLE BOX ASSEMBLY - GAS DUAL FUEL MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271748	Ref	PLATFORM CONSOLE BOX ASSEMBLY - GAS DUAL FUEL MACHINES	F
		Ref	Note: For machines with platform console box with cover refer to SPECIAL OPTIONS SECTION.	
		Ref	Note: For machines with platform console box with Turn Signal and Lights refer to SPECIAL OPTIONS SECTION.	
1	0140011	1	Alarm	
2	0181847	1	Angle, Latch	
3	0610169	1	Board, P/C Display	
4	0641404	4	Bolt 1/4 x 1/2	
5	0861554	1	Box, Console	
6	0902499	1	Bracket, D-Ring	
7	1600403	1	Drive/Steer Controller Assembly (See DRIVE/STEER CONTROLLER ASSEMBLY for Breakdown)	
8	1704588	1	Decal - Fuel Select	
9	1705913	1	Decal - Platform Lid (Top Half of 2 Pc Decal)	
10	1705914	1	Platform Lid (Bottom Half of 2 Pc Decal)	
11	1705392	1	Decal - Outrigger Select	
12	2560141	1	Thumbscrew	
13	3200450	1	Mount, Terminal	
14	3310601	4	Nut #6	
16	3900178	4	Screw, Plastite #10 x 1/2	
17	3900265	12	Screw #8 x 3/4	
18	4060802	3	Guard, Switch	
19	4360387	3	Switch, Push Button	
20	4360475	1	Switch, Emergency Stop	
20	7020175	1	Cap	
20A	7020176	1	Block, Contact	
21	4360482	1	Switch, Toggle (Fuel Select)	
22	4360524	1	Switch, Toggle	
23	4360525	1	Switch, Toggle	
24	4420008	38 in/1m	Tape, Insulation	
25	4460470	1	Nut, Terminal	
26	4740120	12	Washer, Nylon	
27	4760600	4	Washer #6	
28	4791400	4	Washer 1/4	
29	4845938	1	Bracket, Box Mounting	
30	4846655	1	Lid, Box	
31	4922768	1	Platform Console Box Harness (See ELECTRICAL SECTION for Breakdown)	

FIGURE 5-35. DRIVE/STEER CONTROLLER ASSEMBLY

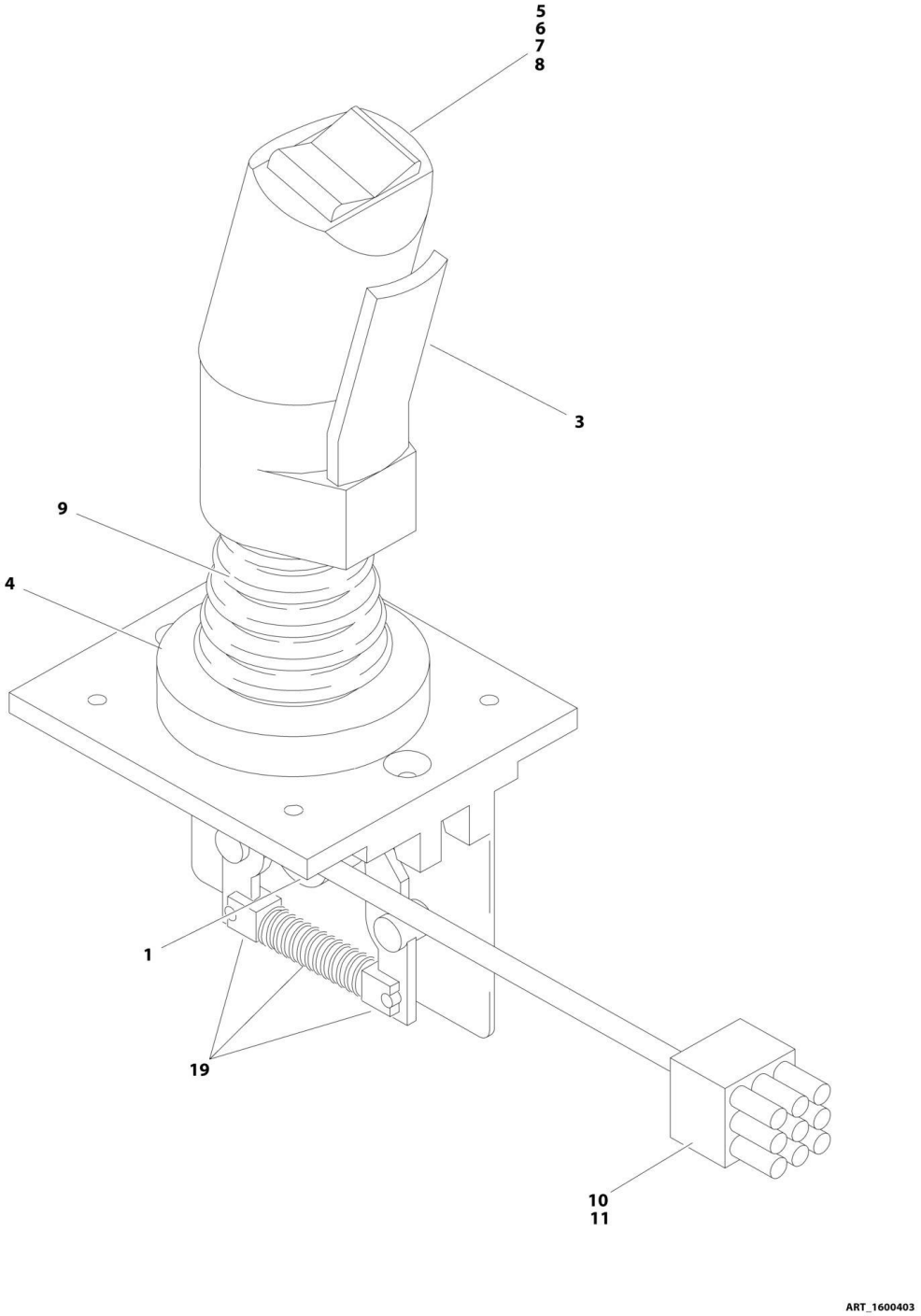


FIGURE 5-35. DRIVE/STEER CONTROLLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1600403	Ref	DRIVE/STEER CONTROLLER ASSEMBLY	F
1	70000081	1	Potentiometer	
1	70005484	1	Gear, Potentiometer	
1	70005485	1	Screw (Attaches Potentiometer Gear to Shaft)	
2	7027367	1	Switch, Push Button (Not Shown - Located Behind #3)	
3	7027765	1	Lever, Enabler	
4	7027766	1	Ring, Retaining	
5	70000082	1	Microswitch	
6	70000083	1	Coupler, Microswitch	
7	70000084	1	Cap, Rubber	
8	7027365	1	Actuator, Switch	
9	70000085	1	Boot, Rubber	
10	4460265	1	Plug, Male - 9 Pin	
11	4460226	8	Socket, Female	
12	70000685	AR	Washer, Plastic (Not Shown)	
13	70000684	AR	Screw, Handle (Not Shown)	
14	See Note	NSS	Nut, Handle (Not Shown) (Note: Not available for purchase)	
15	70000683	AR	Washer, Neoprene (Not Shown)	
16	70000686	AR	Screw, Handle (Not Shown)	
17	4460266	1	Connector, Receptacle - 9 Pin (Not Shown - Part of Console Harness)	
18	4460267	8	Pin, Male (Not Shown - Part of Console Harness)	
19	70004194	1	Return Spring Kit	
	70003650	1	Handle Repair Kit (Includes handle gasket, push button, lever, front handle half, back handle half, top actuator, boot and hardware.	

FIGURE 5-36. LEVELING JACKS SWITCH INSTALLATION

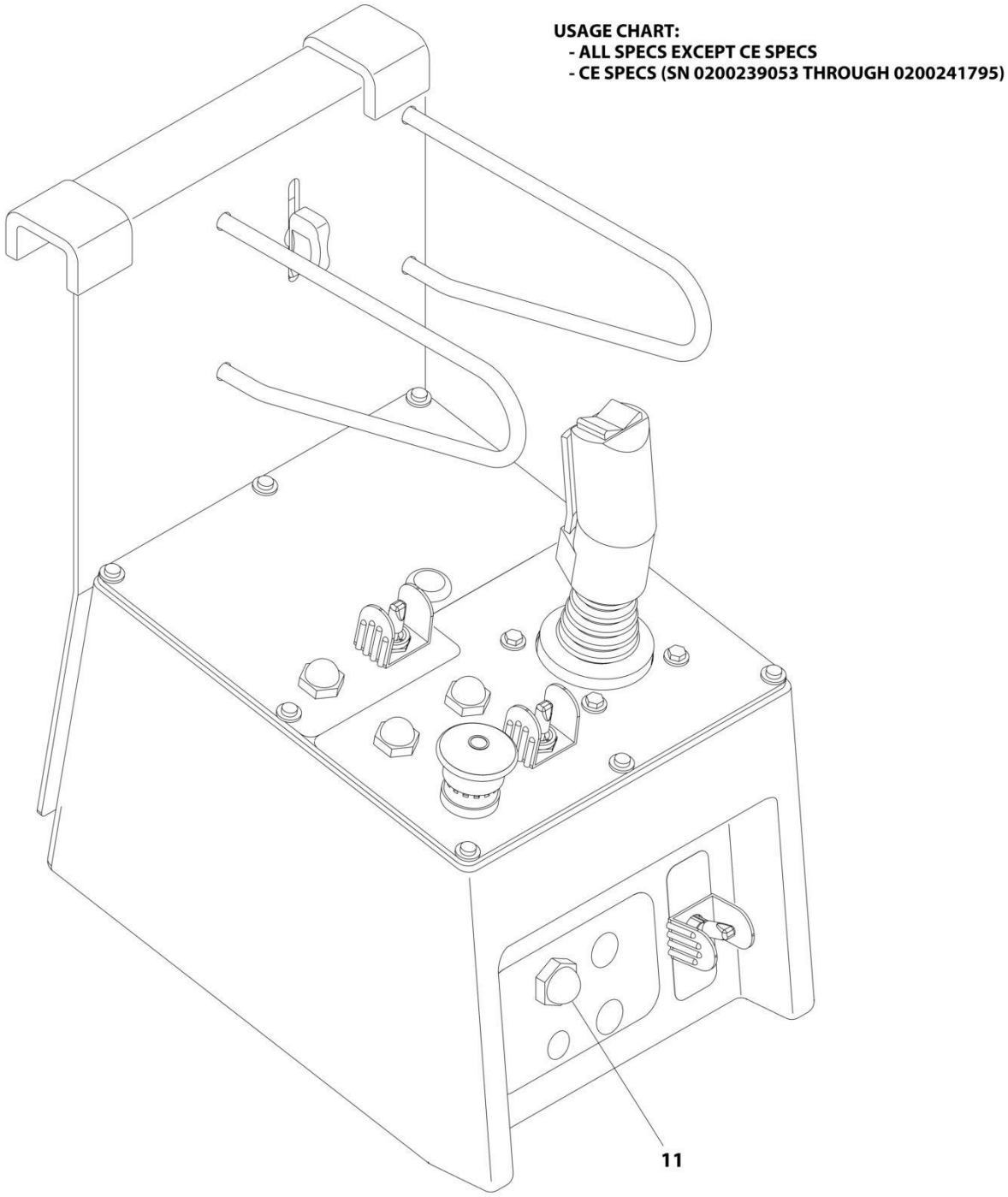


FIGURE 5-36. LEVELING JACKS SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001166178	Ref	LEVELING JACKS SWITCH INSTALLATION	B
11	4360387	1	Switch, Push Button	

FIGURE 5-37. LEVELING JACKS SWITCH INSTALLATION

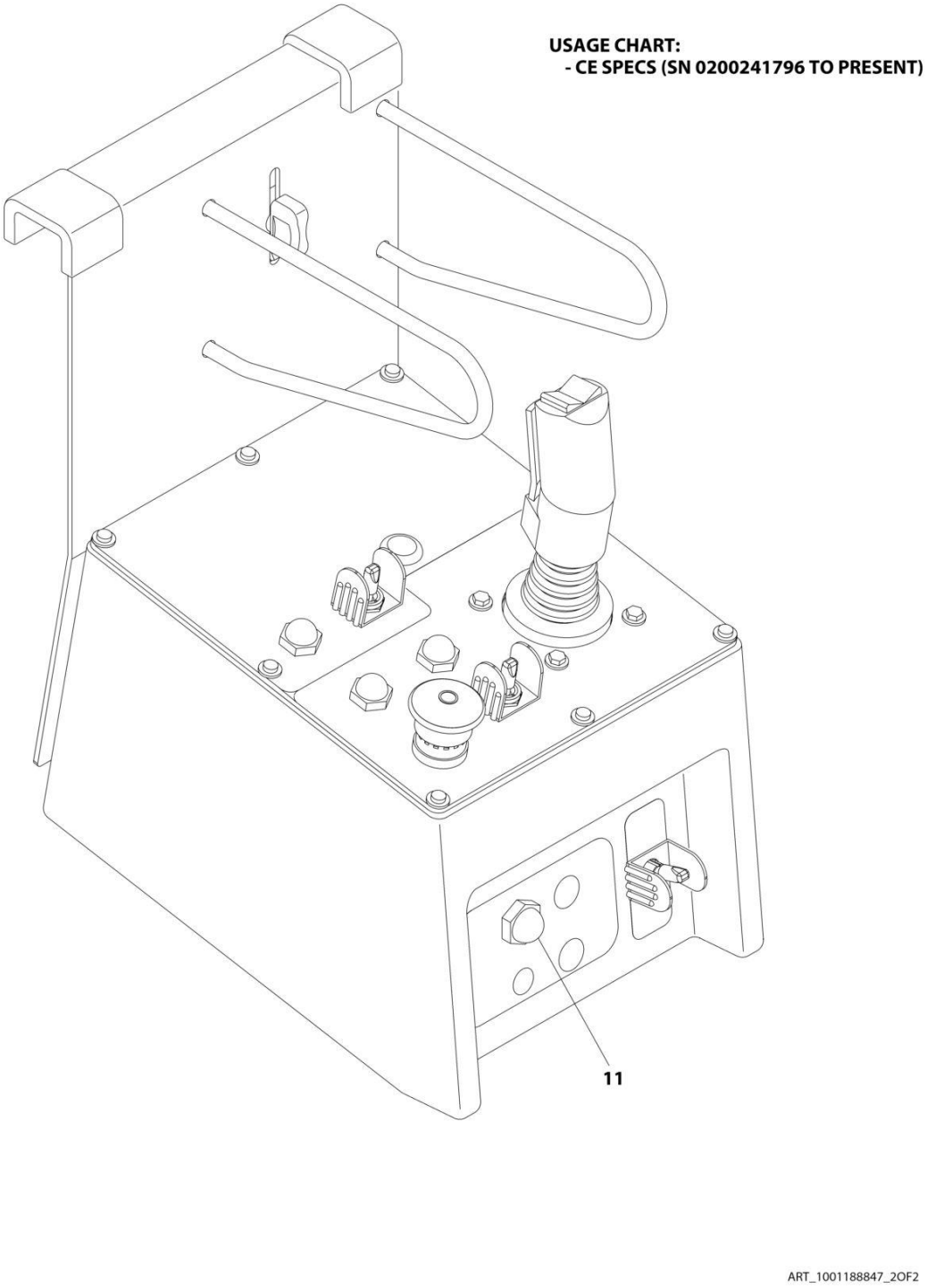


FIGURE 5-37. LEVELING JACKS SWITCH INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001188847	Ref	LEVELING JACKS SWITCH INSTALLATION	A
11	4360387	1	Switch, Push Button	

FIGURE 5-38. PIPE RACKS INSTALLATION (RAIL MOUNT)

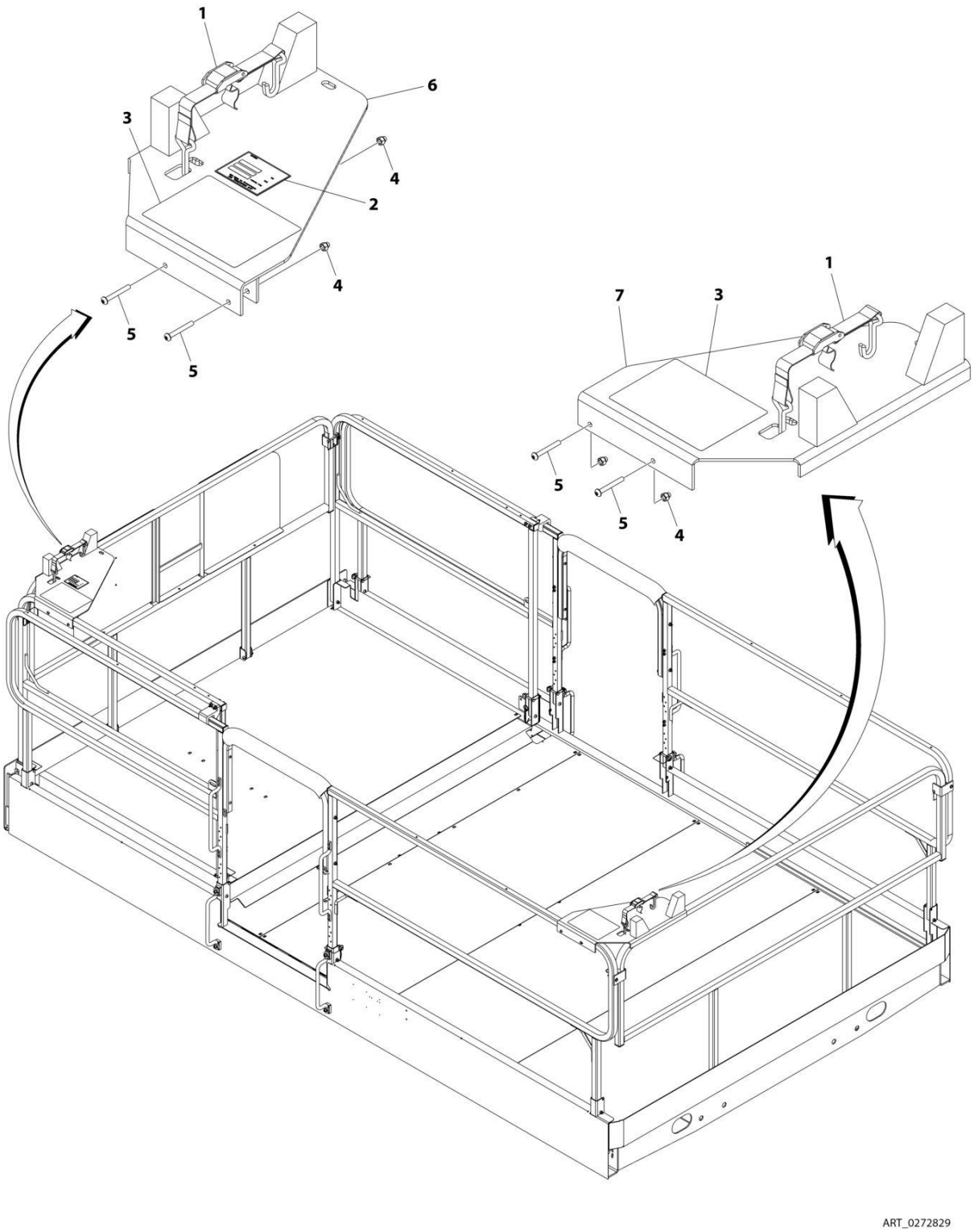


FIGURE 5-38. PIPE RACKS INSTALLATION (RAIL MOUNT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0272829	Ref	PIPE RACKS INSTALLATION (RAIL MOUNT)	B
1	0480100	2	Belt, Tie Down	
2	See Note	NSS	Nameplate (Note: Not Available for Purchase)	
3	1705637	2	Decal – Pipe Rack Capacity	
4	2080063	4	Fastener 1/4	
5	3900318	4	Screw 1/4 x 2	
6	4845441	1	Support, Pipe Rack	
7	4845442	1	Support, Pipe Rack	

FIGURE 5-39. PIPE RACKS INSTALLATION (SKY POSITIONER)

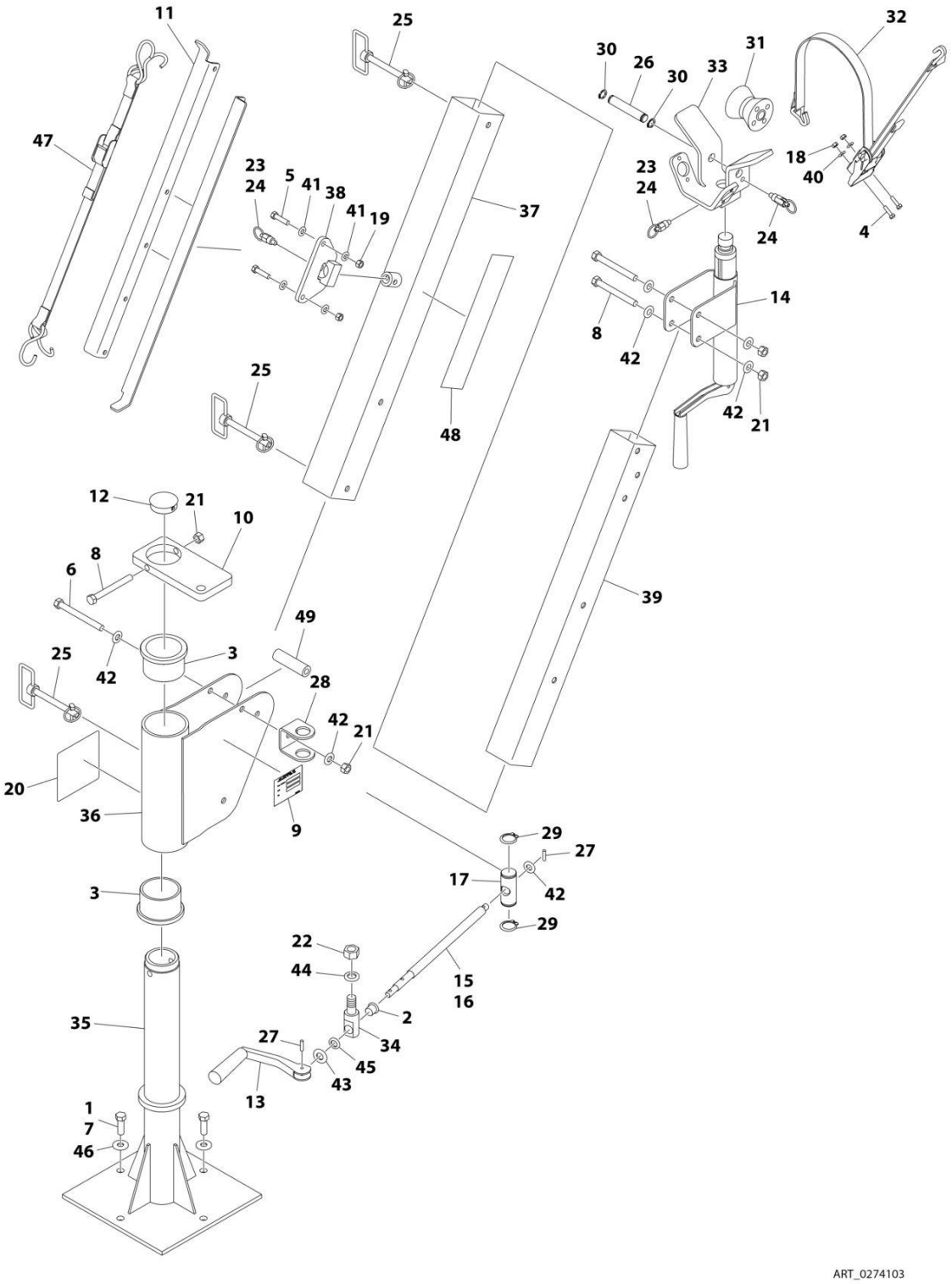


FIGURE 5-39. PIPE RACKS INSTALLATION (SKY POSITIONER)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274103	Ref	PIPE RACKS INSTALLATION (SKY POSITIONER)	C
1	0100011	AR	Compound, Locking	
2	0440311	2	Bearing, Flanged	
3	0440312	4	Bearing, Flanged	
4	0641408	4	Bolt 1/4 x 1	
5	0641612	4	Bolt 3/8 x 1-1/2	
6	0641840	2	Bolt 1/2 x 5	
7	0641812	8	Bolt 1/2 x 1-1/2	
8	0641836	6	Bolt 1/2 x 4-1/2	
9	See Note	2	Nameplate, Accessory Serial Tag (Note: Not Available for Purchase)	
10	0903095	2	Bracket, Jack Mount	
11	0903104	4	Bracket, Duct Mount	
12	1120580	2	Plug	
13	2560186	2	Handle	
14	2840023	2	Jack, Screw	
15	2840024	2	Screw, Jack	
16	3020035	AR	Lubricant (Not Shown)	
17	3300489	2	Nut 3/4	
18	3311405	4	Nut 1/4	
19	3311605	4	Nut 3/8	
20	1706113	2	Decal - Pipe Rack Capacity	
21	3311805	8	Nut 1/2	
22	3312205	2	Nut 3/4	
23	3423047	4	Pin, Plunger (Use p/n 3423151)	
24	3423151	6	Pin, Locking Plunger	
25	3423179	6	Pin, Hitch	
26	3423180	2	Pin	
27	3440816	4	Pin, Roll	
28	3575597	2	Plate, Jack Mount	
29	3760141	4	Ring, Retaining	
30	3760348	4	Ring, Retaining	
31	3860122	2	Roller	
32	4240170	2	Strap, Ratchet Tie Down	
33	4340922	2	Pipe, Support	
34	4340932	2	Mount, Jack Screw	
35	4340933	2	Mount, Pipe Rack	
36	4340934	2	Support, Pipe Rack Arm	
37	4340948	2	Support, Pipe Rack Outer	
38	4340949	2	Mount, Duct	
39	4569126	2	Tube, Pipe Rack Inner	
40	4711400	4	Washer 1/4	
41	4711600	8	Washer 3/8	
42	4711800	14	Washer 1/2	
43	4712000	2	Washer 5/8	
44	4740415	2	Washer, Special	
45	4740529	2	Washer, Thrust	
46	4751800	8	Washer 1/2	
47	4240171	2	Strap	
48	1706197	2	Decal - Sky Positioner	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	4569150	2	Tube, Spacer	

FIGURE 5-40. WORKSTATION WITHOUT DC CONVERTER INSTALLATION

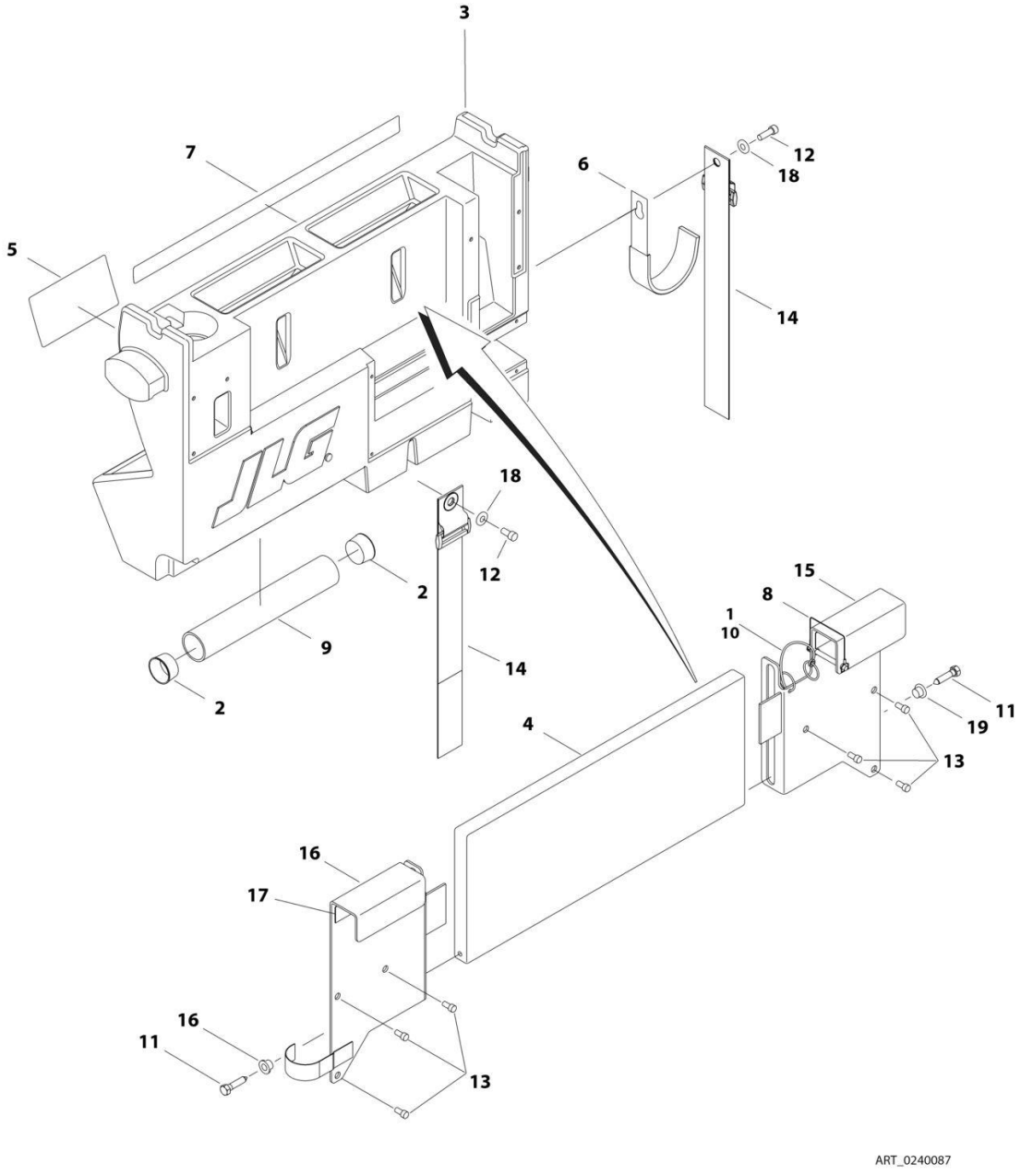


FIGURE 5-40. WORKSTATION WITHOUT DC CONVERTER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274260	Ref	WORKSTATION INSTALLATION – REFERENCE CHART	B
	0240087	Ref	WORKSTATION WITHOUT DC CONVERTER INSTALLATION	C
1	1060379	1	Cable, Lanyard	
2	1120555	2	Cap, Manual Storage	
3	1580023	1	Container	
4	1580024	1	Tray	
5	1705997	1	Decal - Workstation	
6	2700100	1	Hook, Hanger	
7	2902348	1	Decal - Workstation Kit	
8	3422219	1	Pin	
9	3460334	1	PVC Pipe	
10	3760170	2	Ring	
11	3900355	2	Screw 5/16 x 1-1/2	
12	3931412	2	Bolt 1/4 x 3/4	
13	3931508	6	Bolt 5/16 x 1/2	
14	4240003	2	Strap	
15	4340853	1	Mount, RH Channel	
16	4340854	1	Mount, LH Channel	
17	4420062	3 ft /0.9m	Tape	
18	4711400	2	Washer 1/4	
19	4740480	2	Insert, Plastic	

SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY

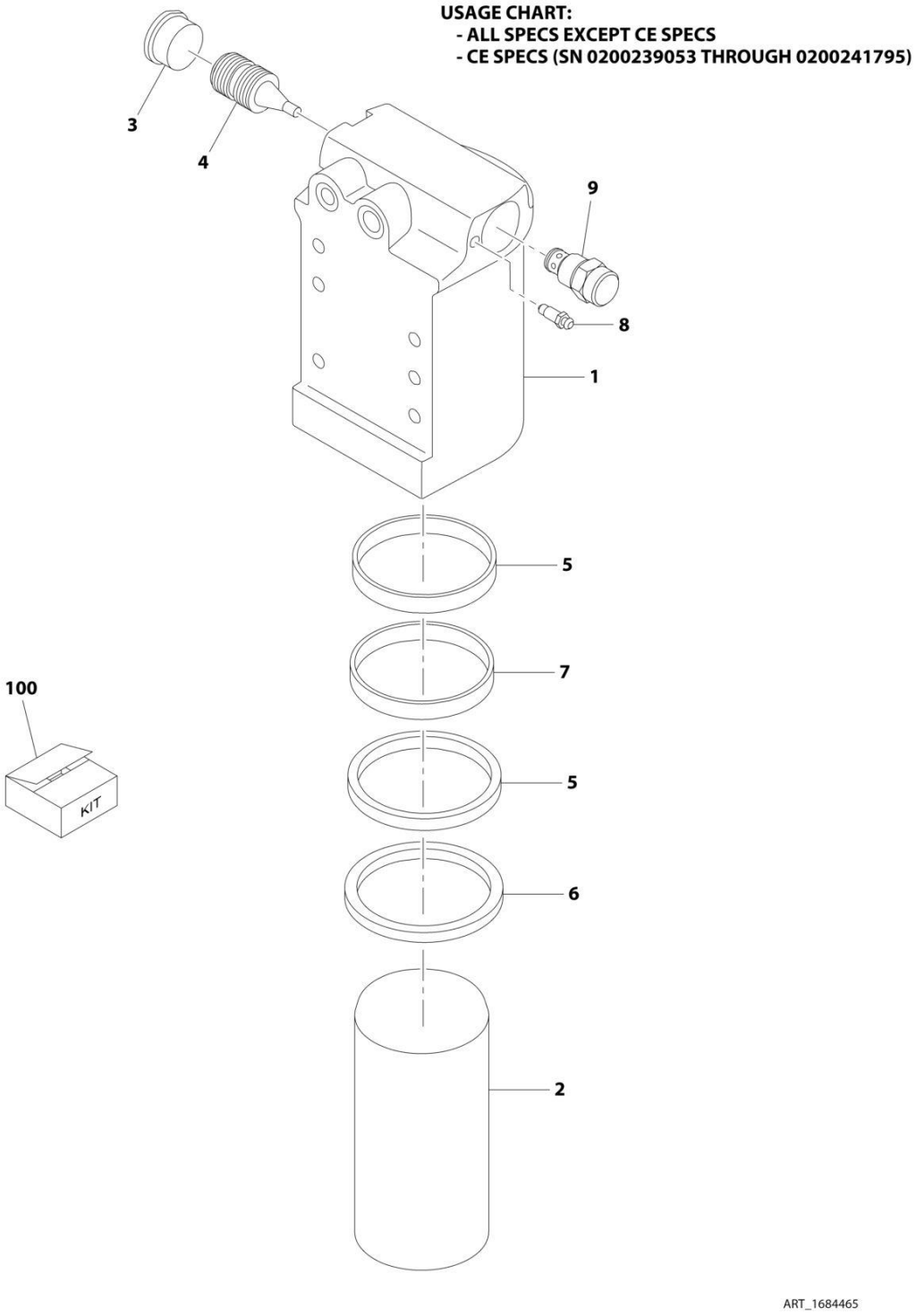


FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1684465	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	J
1	0370026	1	Barrel	
2	1684290	1	Rod	
3	2220890	1	Plug	
4	3480288	1	Piston, Pilot	
5	See Note	NSS	Ring, Wear (Note: Use Item 100)	
6	See Note	NSS	Wiper (Note: Use Item 100)	
7	See Note	NSS	Seal, Rod (Note: Use Item 100)	
8	4640858	1	Bleeder	
9	4641390	1	Cartridge, Valve	
9	7017496	1	Seal Kit - 4641390 Cartridge	
100	2902266	1	Seal Kit (Includes Items 5-7)	

FIGURE 6-2. AXLE LOCKOUT CYLINDER ASSEMBLY

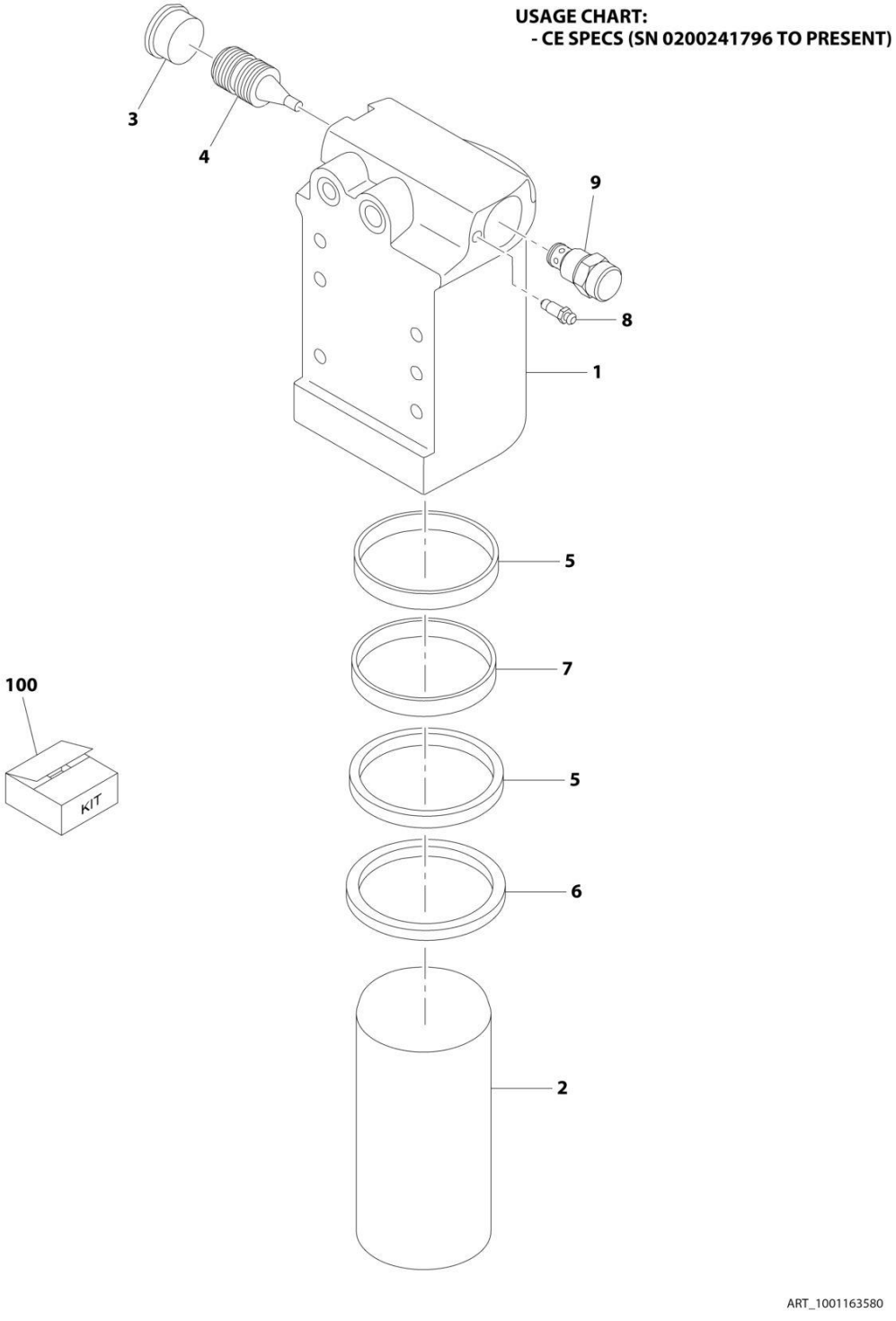


FIGURE 6-2. AXLE LOCKOUT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001163580	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	G
1	0370026	1	Barrel	
2	1684290	1	Rod	
3	2220890	1	Plug	
4	3480288	1	Piston, Pilot	
5	See Note	NSS	Ring, Wear (Note: Use Item 100)	
6	See Note	NSS	Wiper (Note: Use Item 100)	
7	See Note	NSS	Seal, Rod (Note: Use Item 100)	
8	4640858	1	Bleeder	
9	4641390	1	Cartridge, Valve	
9	7017496	1	Seal Kit - 4641390 Cartridge	
100	2902266	1	Seal Kit (Includes Items 5-7)	

FIGURE 6-3. LEVELING JACK CYLINDER ASSEMBLY

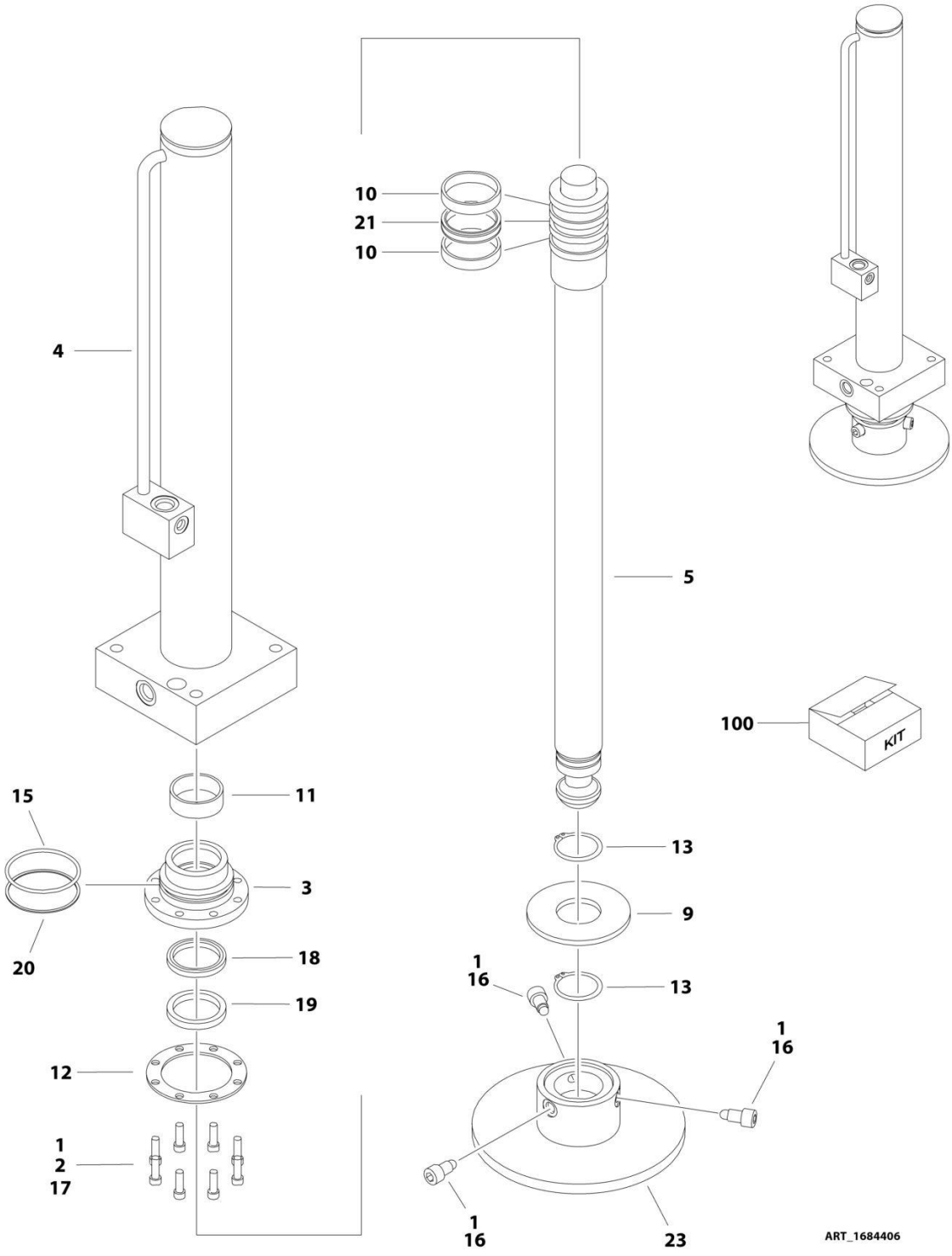


FIGURE 6-3. LEVELING JACK CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684406	Ref	LEVELING JACK CYLINDER ASSEMBLY	C
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	1683054	1	Head	
4	0370018	1	Barrel	
5	3850013	1	Rod	
9	3573513	1	Plate, Jack	
10	See Note	NSS	Ring, Lock (Note: Use Item 100)	
11	See Note	NSS	Ring, Wear (Note: Use Item 100)	
12	3760368	1	Ring, Washer	
13	3760460	2	Ring, Retaining	
15	See Note	NSS	O-Ring (Note: Use Item 100)	
16	3900321	3	Screw 1/2 x 1-1/4	
17	3931516	8	Capscrew 5/16 x 1	
18	See Note	NSS	Seal (Note: Use Item 100)	
19	See Note	NSS	Wiper (Note: Use Item 100)	
20	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
21	See Note	NSS	T-Seal (Note: Use Item 100)	
23	4846584	1	Pad, Jack	
100	2902182	1	Seal Kit - 1684406 Cylinder (Includes Items 10, 11, 15 & 18-21)	

FIGURE 6-4. LIFT CYLINDER ASSEMBLY

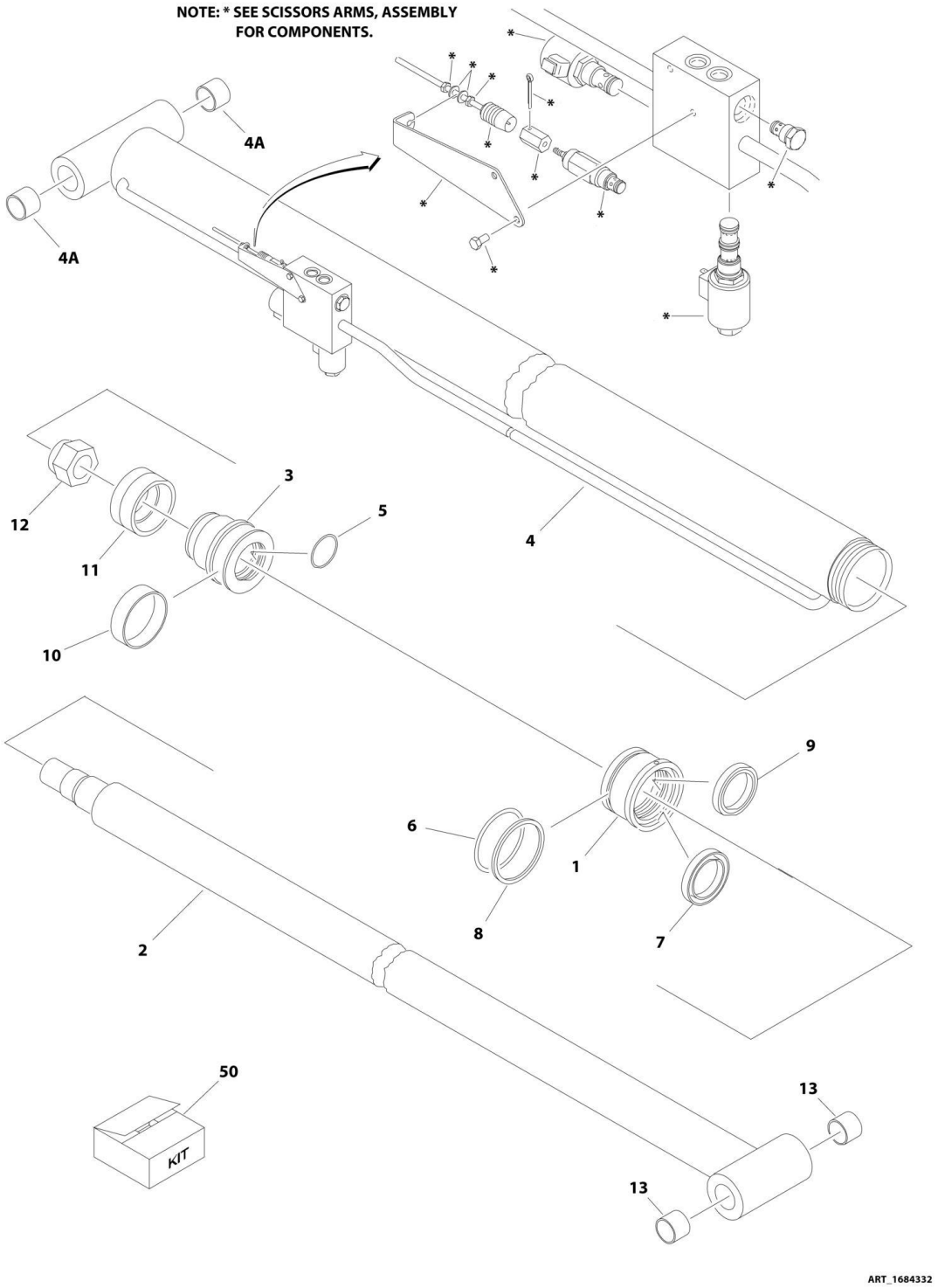


FIGURE 6-4. LIFT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684332	Ref	LIFT CYLINDER ASSEMBLY	D
1	7026585	1	Head	
2	7026584	1	Rod	
3	7026583	1	Piston	
4	7026582	1	Barrel	
4A	70002202	2	Bushing	
5	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
6	See Note	NSS	Seal (Note: Use Item 50)	
7	See Note	NSS	Seal (Note: Use Item 50)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
9	See Note	NSS	Wiper (Note: Use Item 50)	
10	See Note	NSS	Ring, Wear (Note: Use Item 50)	
11	See Note	NSS	Seal (Note: Use Item 50)	
12	70002203	1	Nut	
13	70002202	2	Bushing	
50	7026586	1	Seal Kit - 1684332 Cylinder (Includes Items 5-11)	

FIGURE 6-5. PLATFORM EXTENSION CYLINDER ASSEMBLY

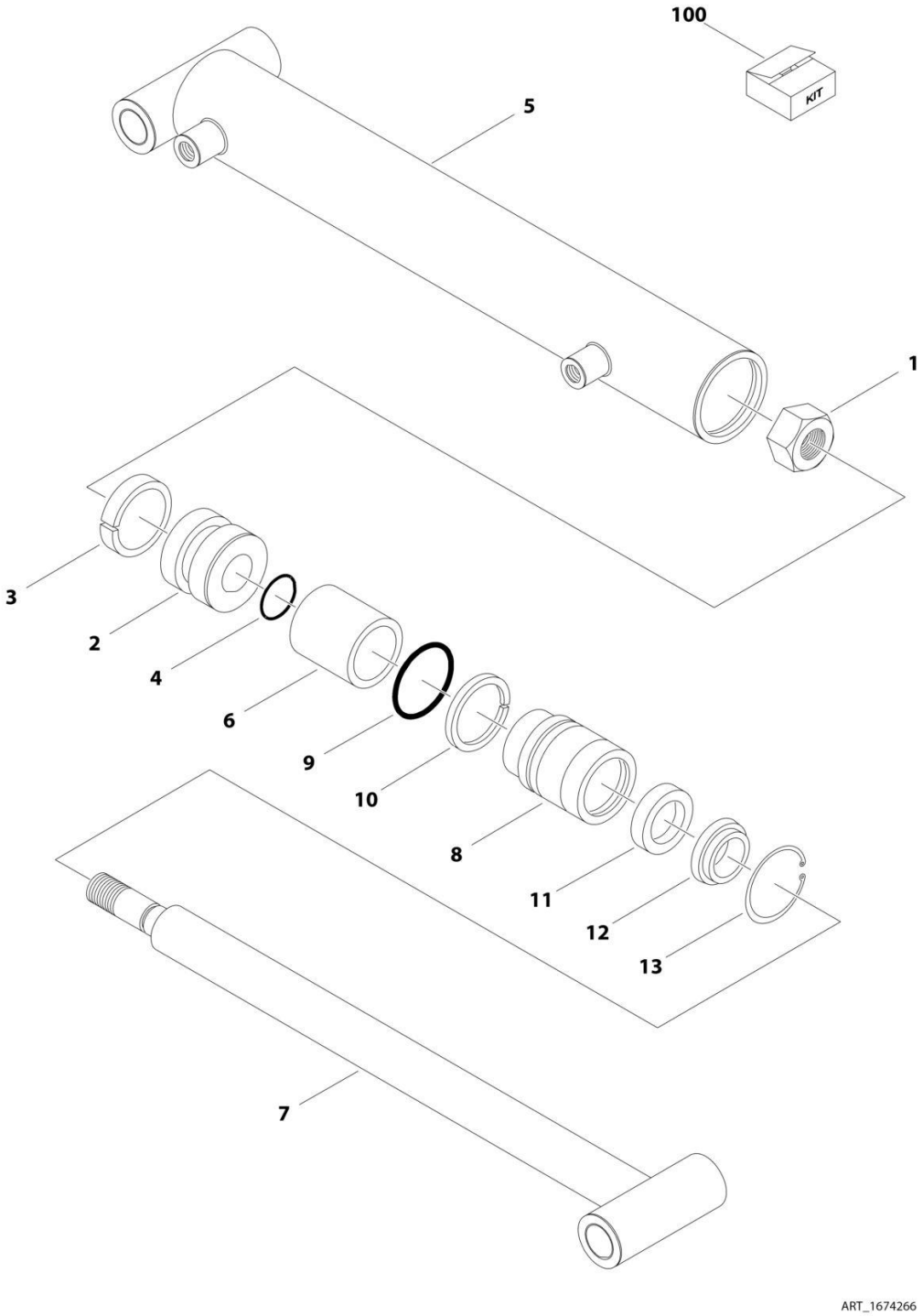


FIGURE 6-5. PLATFORM EXTENSION CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684266	Ref	PLATFORM EXTENSION CYLINDER ASSEMBLY	B
1	7001084	1	Locknut	
2	7001610	1	Piston	
3	See Note	NSS	Seal (Note: Use Item 100)	
4	See Note	NSS	O-Ring (Note: Use Item 100)	
5	7023035	1	Barrel	
6	7023036	1	Tube, Spacer	
7	7001617	1	Rod	
8	7001613	1	Head	
9	See Note	NSS	O-Ring (Note: Use Item 100)	
10	See Note	NSS	Ring, Back-up (Note: Use Item 100)	
11	See Note	NSS	Seal (Note: Use Item 100)	
12	See Note	NSS	Ring, Wiper (Note: Use Item 100)	
13	7001614	1	Ring, Retaining	
100	7001608	1	Seal Kit - 1684266 Cylinder (Includes Items 3, 4 & 9-13)	

FIGURE 6-6. STEER CYLINDER ASSEMBLY

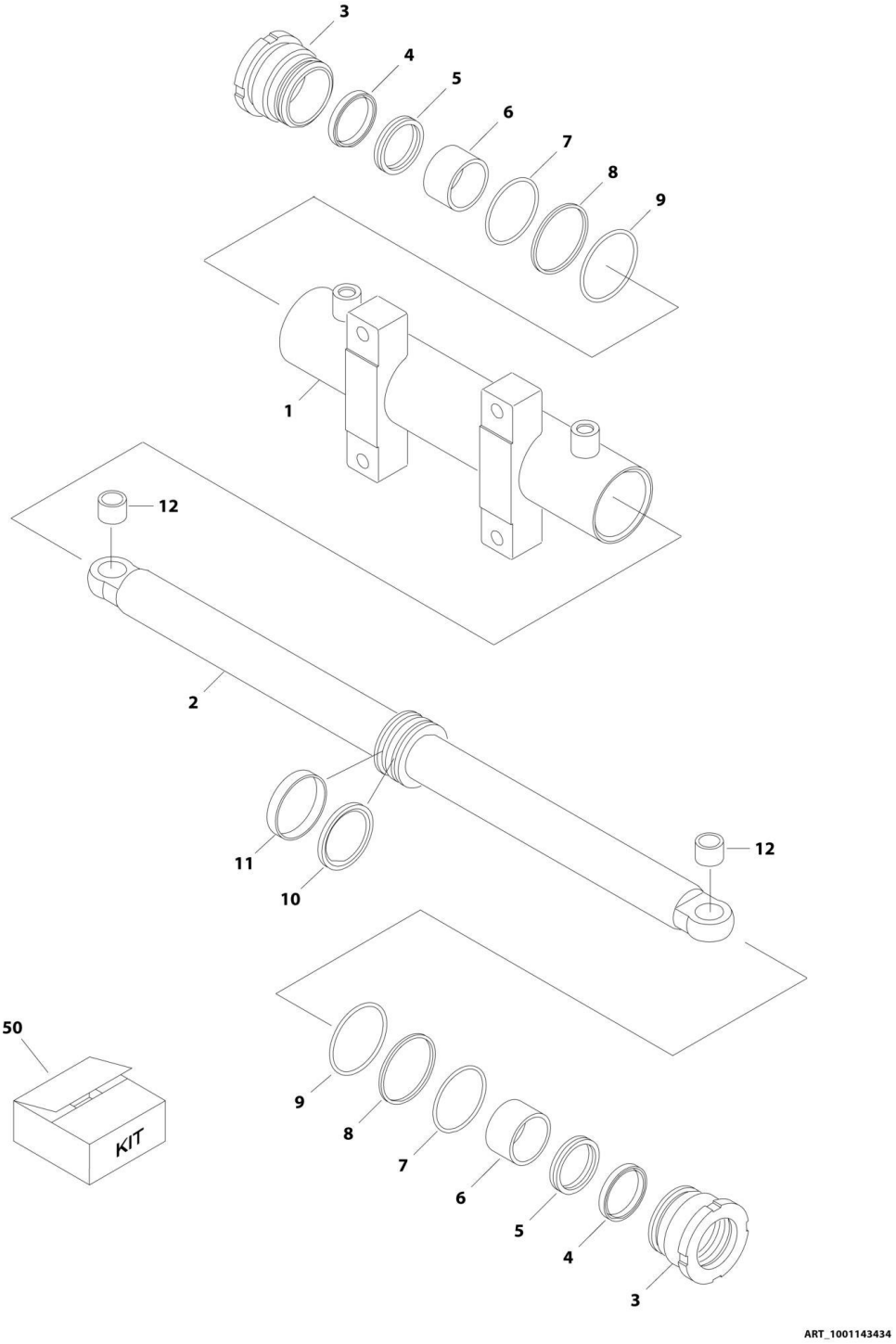
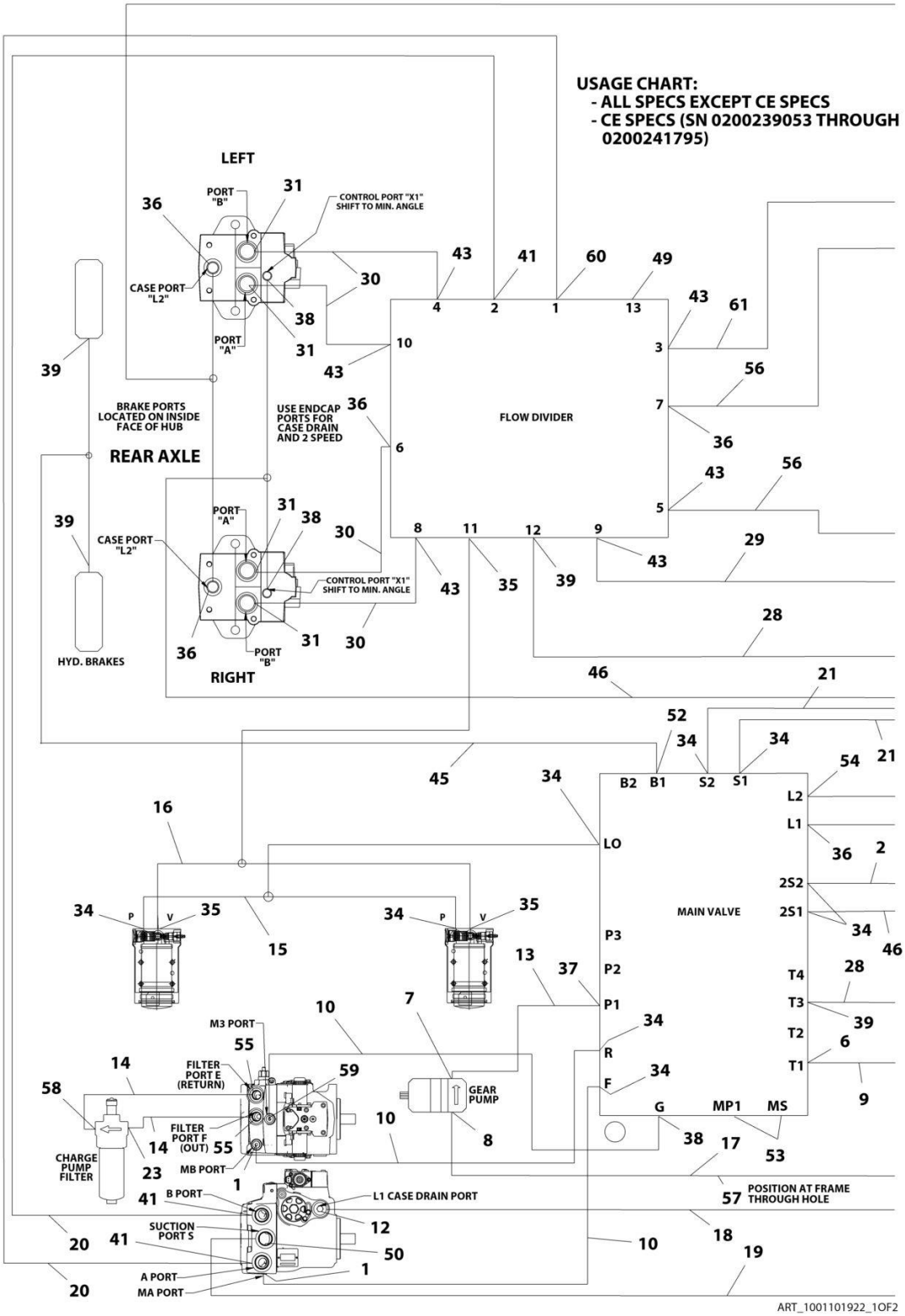


FIGURE 6-6. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143434	Ref	STEER CYLINDER ASSEMBLY	E
1	70003933	1	Barrel	
2	70003934	1	Rod	
3	70003098	2	Head	
4	See Note	NSS	Wiper (Note: Use Item 50)	
5	See Note	NSS	Seal, Rod (Note: Use Item 50)	
6	See Note	NSS	Bearing (Note: Use Item 50)	
7	See Note	NSS	O-Ring (Note: Use Item 50)	
8	See Note	NSS	Ring, Back-up (Note: Use Item 50)	
9	See Note	NSS	O-Ring (Note: Use Item 50)	
10	See Note	NSS	Seal, Piston (Note: Use Item 50)	
11	See Note	NSS	Ring, Wear (Note: Use Item 50)	
12	See Note	NSS	Bearing (Note: Use Item 50)	
50	70003099	1	Seal Kit - 1001143434 Cylinder (Includes Items 4-12)	

SECTION 7 - HYDRAULIC

FIGURE 7-1. HYDRAULIC DIAGRAM



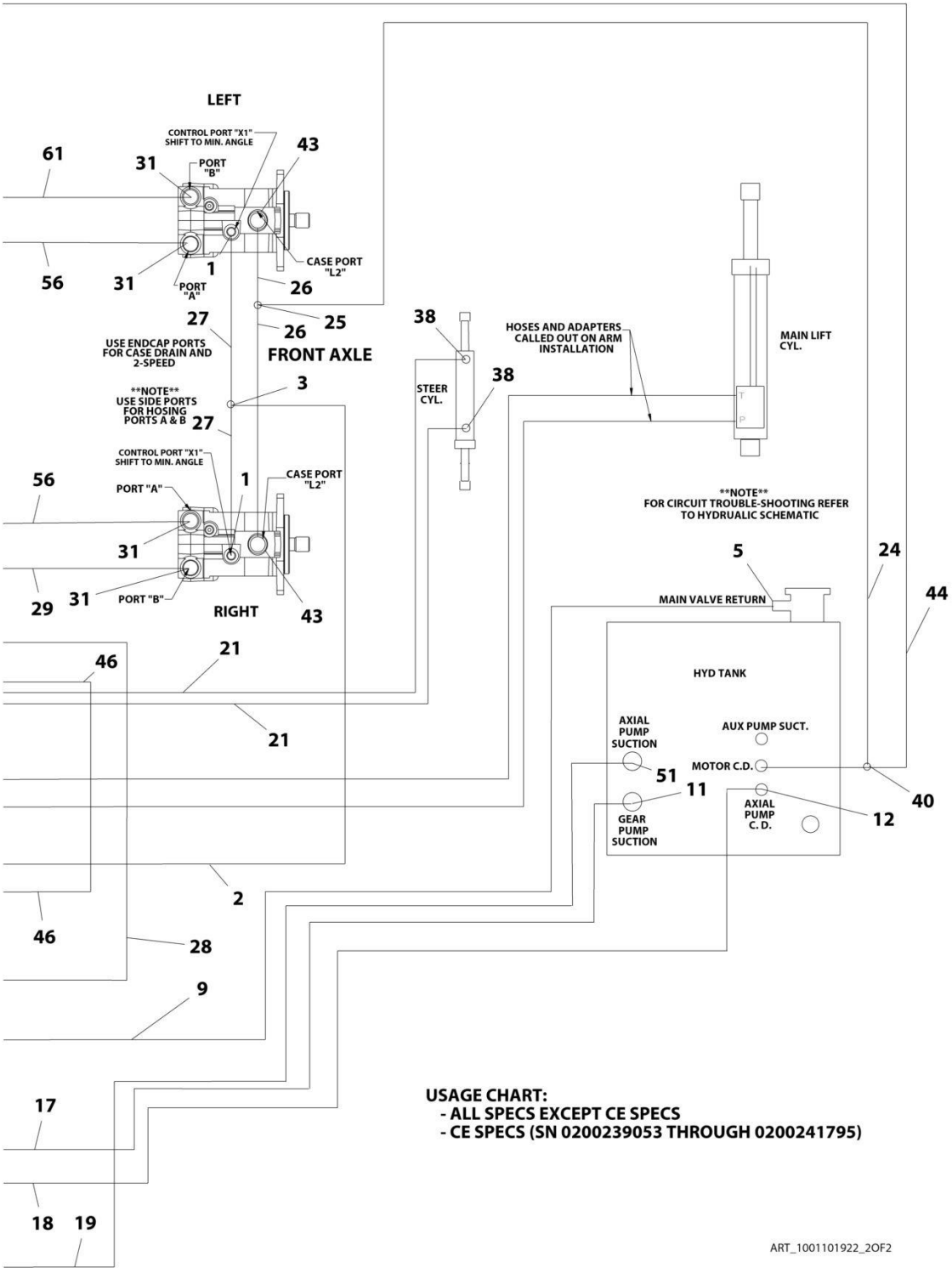
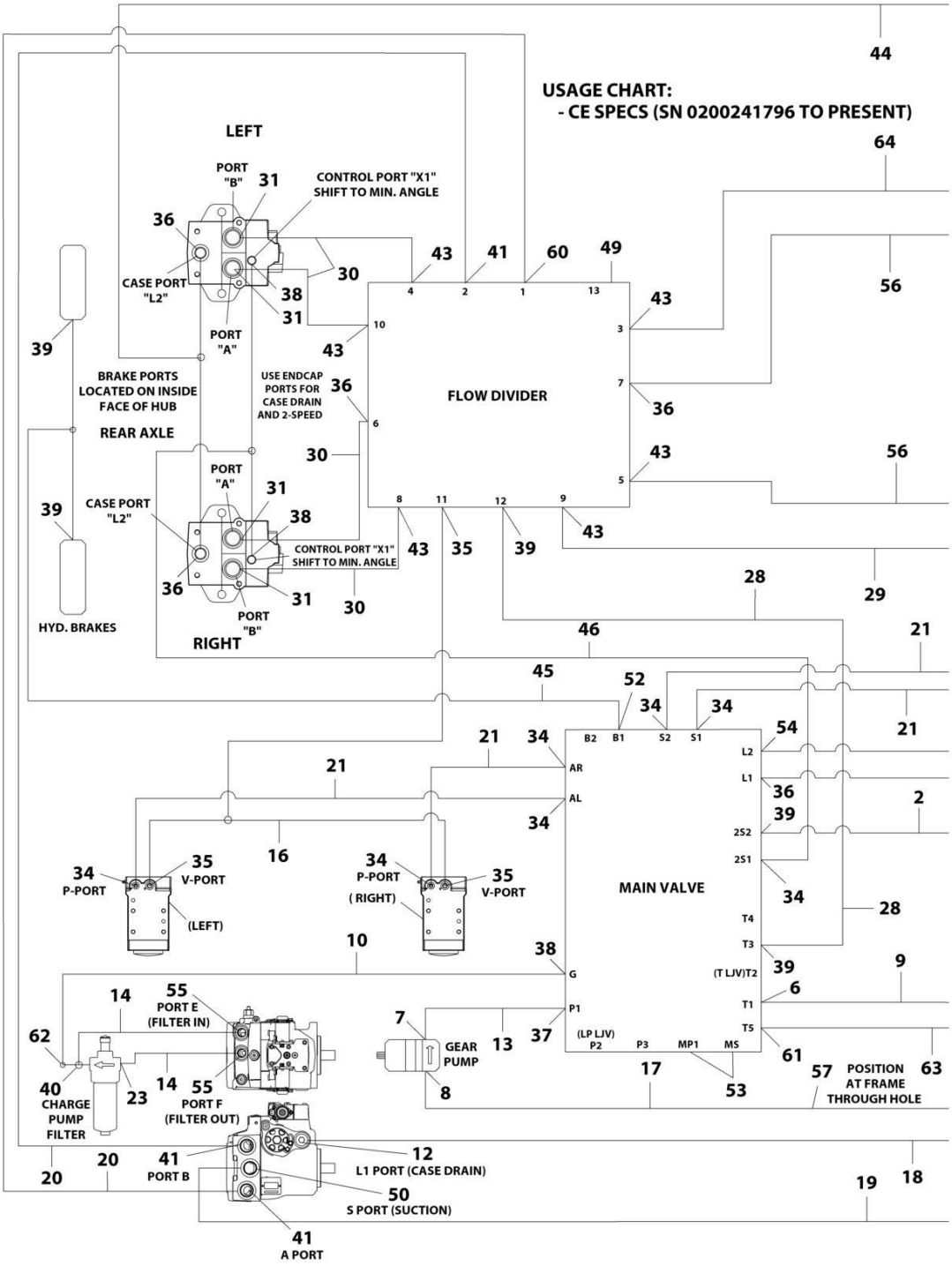

LEFT
CONTROL PORT "X1" SHIFT TO MIN. ANGLE
PORT "B"
PORT "A"
CASE PORT "L2"
61
31
43
56
1
26
27
25
USE ENDCAP PORTS FOR CASE DRAIN AND 2-SPEED
FRONT AXLE
NOTE USE SIDE PORTS FOR HOSING PORTS A & B
3
RIGHT
29
38
STEER CYL.
HOSES AND ADAPTERS CALLED OUT ON ARM INSTALLATION
MAIN LIFT CYL.
NOTE FOR CIRCUIT TROUBLE-SHOOTING REFER TO HYDRUALIC SCHEMATIC
5
24
44
MAIN VALVE RETURN
HYD TANK
AXIAL PUMP SUCTION
AUX PUMP SUCT.
MOTOR C.D.
GEAR PUMP SUCTION
AXIAL PUMP C. D.
51
11
12
40
46
21
2
28
9
17
18
19
USAGE CHART:
- ALL SPECS EXCEPT CE SPECS
- CE SPECS (SN 0200239053 THROUGH 0200241795)
ART_1001101922_2OF2

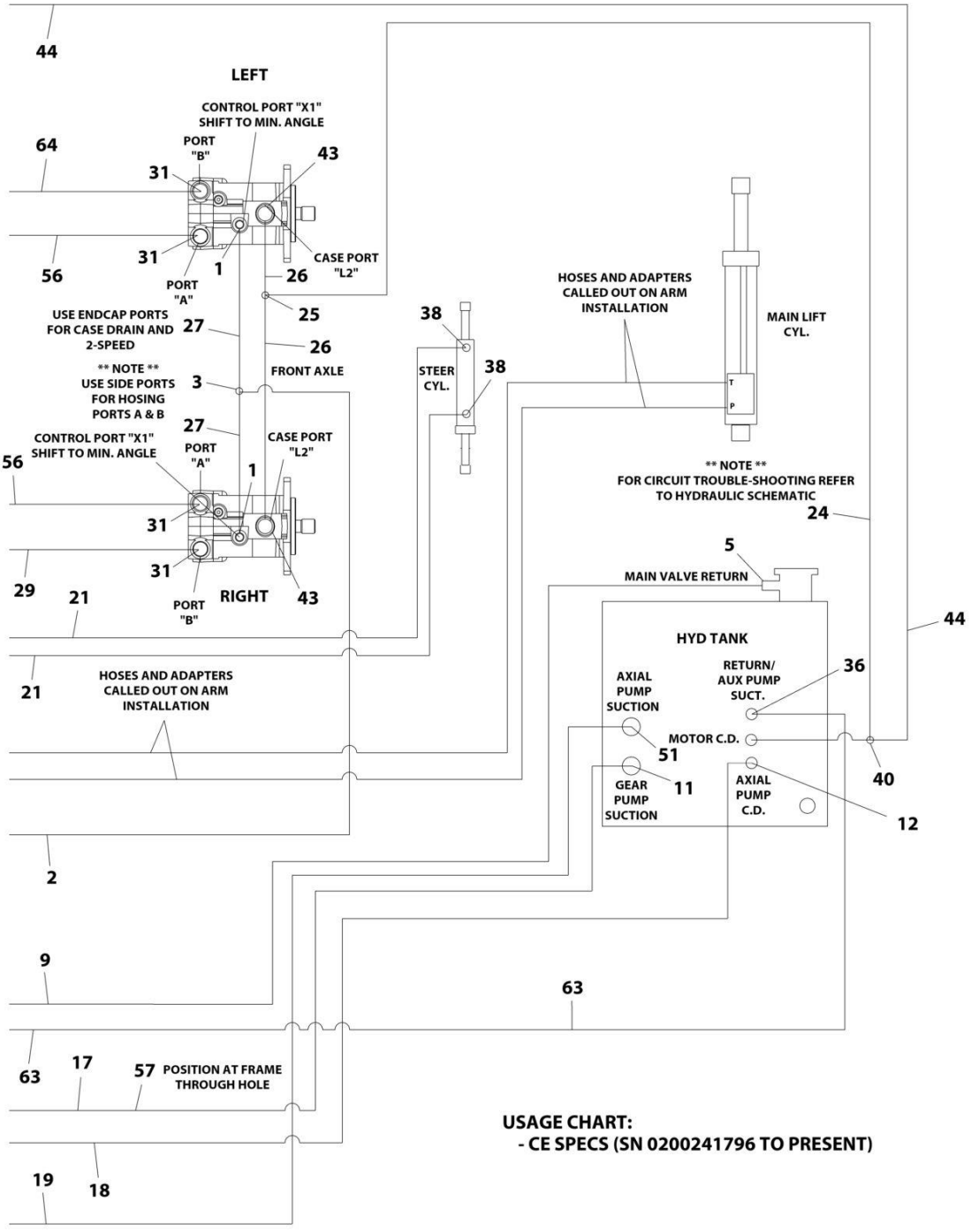
FIGURE 7-1. HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001101922	Ref	HYDRAULIC DIAGRAM	J
1	2130406	4	Fitting, 90 ORFS/ORB	
2	2753622	1	Hose	
3	2170504	1	Fitting, Tee ORFS/ORFS/ORFS	
5	2151216	1	Fitting, 45 ORFS/ORB	
6	2111210	1	Fitting, Straight ORFS/ORB	
7	1001103366	1	Valve, Check	
8	2220479	1	Fitting, Straight JIC/ORB	
9	2753704	1	Hose	
10	2753675	3	Hose	
11	8760351	1	Fitting, 45 JIC/ORB	
12	2111212	2	Fitting, Straight ORFS/ORB	
13	2753708	1	Hose	
14	2753582	2	Hose	
15	1001104578	1	Hose	
16	1001104579	1	Hose	
17	1001108128	1	Hose	
18	2753773	1	Hose	
19	1001104581	1	Hose	
20	1001107924	2	Hose	
21	2753784	2	Hose	
23	2130812	1	Fitting, 90 ORFS/ORB	
24	1001104584	1	Hose **(SN 0200239053 through 0200249090)**	
24	1001202897	1	Hose **(SN 0200249091 through 0200251741)**	
24	1001104584	1	Hose **(SN 0200251742 to Present)**	
25	2170508	1	Fitting, Tee ORFS/ORFS/ORFS	
26	2753659	2	Hose **(SN 0200239053 through 0200249090)**	
26	1001202903	2	Hose **(SN 0200249091 to Present)**	
27	1001104585	2	Hose **(SN 0200239053 through 0200249090)**	
27	1001202898	2	Hose **(SN 0200249091 to Present)**	
28	2753940	1	Hose	
29	1001149199	1	Hose	
30	2753791	4	Hose	
31	2110812	8	Fitting, Straight ORFS/ORB	
34	2110404	9	Fitting, Straight ORFS/ORB	
35	2110606	3	Fitting, Straight ORFS/ORB	
36	2110808	5	Fitting, Straight ORFS/ORB	
37	2111010	1	Fitting, Straight ORFS/ORB	
38	2110406	5	Fitting, Straight ORFS/ORB	
39	2130404	4	Fitting, 90 ORFS/ORB	
40	2221084	1	Fitting, Tee ORFS/ORB/ORFS	
41	2111216	3	Fitting, Straight ORFS/ORB	
43	2130808	8	Fitting, 90 ORFS/ORB	
44	1001104588	1	Hose	
45	1001104589	1	Hose	
46	1001104590	1	Hose	
49	2220238	1	Plug	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	2112016	1	Fitting, Straight ORFS/ORB	
51	2152020	1	Fitting, 45 ORFS/ORB	
52	4641281	1	Valve, Orifice Check	
53	2221086	2	Fitting, Gage Adapter	
54	2151010	1	Fitting, 45 ORFS/ORB	
55	2110810	2	Fitting, Straight ORFS/ORB	
56	1001149107	2	Hose	
57	4061032	1	Guard, Hose	
58	2110812	1	Fitting, Straight ORFS/ORB	
59	2150406	1	Fitting, 45 ORFS/ORB	
60	2131216	1	Fitting, 90 ORFS/ORB	
61	1001149199	1	Hose **(SN 0200239053 through 0200249090)**	
61	1001202907	1	Hose **(SN 0200249091 to Present)**	

FIGURE 7-2. HYDRAULIC DIAGRAM





ART_1001188563_2OF2

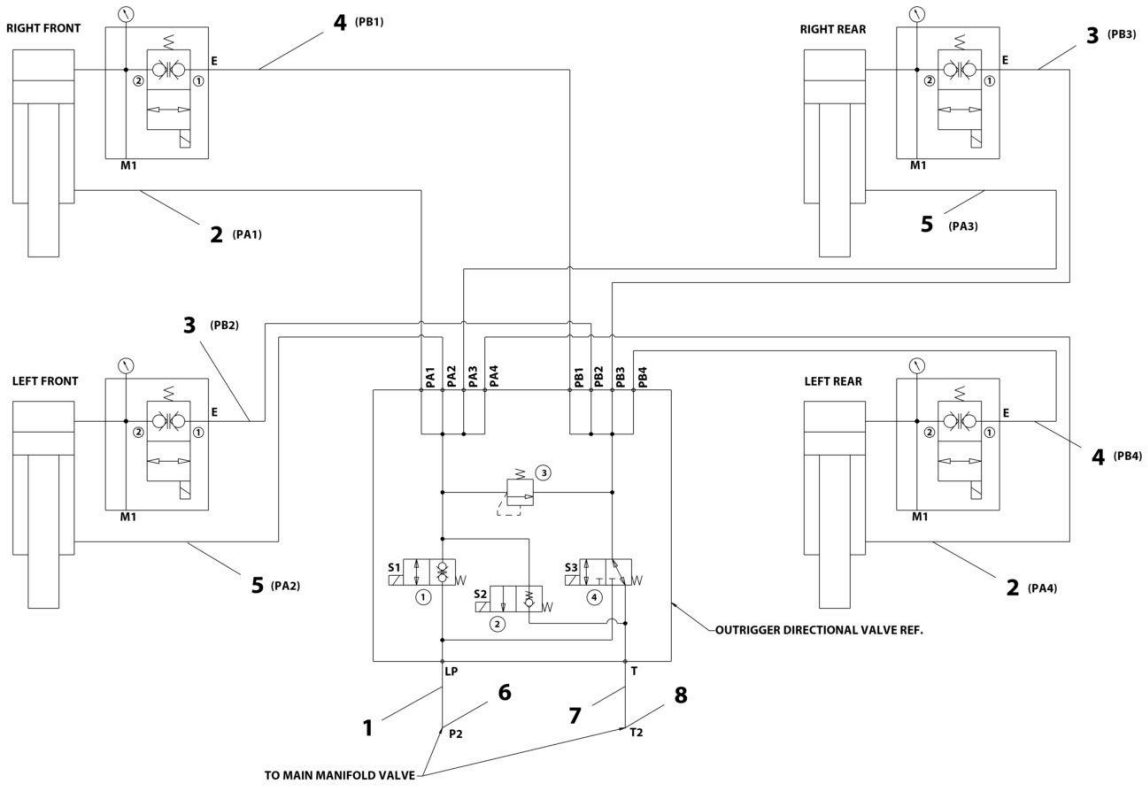
FIGURE 7-2. HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001188563	Ref	HYDRAULIC DIAGRAM	D
1	2130406	4	Fitting, 90 ORFS/ORB	
2	2753622	1	Hose	
3	2170504	1	Fitting, Tee ORFS/ORFS/ORFS	
5	2151216	1	Fitting, 45 ORFS/ORB	
6	2111210	1	Fitting, Straight ORFS/ORB	
7	1001103366	1	Valve, Check	
8	2220479	1	Fitting, Straight JIC/ORB	
9	2753704	1	Hose	
10	2754263	1	Hose	
11	8760351	1	Fitting, 45 JIC/ORB	
12	2111212	2	Fitting, Straight ORFS/ORB	
13	2753708	1	Hose	
14	2753582	2	Hose	
16	1001104579	1	Hose	
17	1001108128	1	Hose	
18	2753773	1	Hose	
19	1001104581	1	Hose	
20	1001107924	2	Hose	
21	2753784	4	Hose	
23	2130812	1	Fitting, 90 ORFS/ORB	
24	1001104584	1	Hose **(SN 0200241796 through 0200249090)**	
24	1001202897	1	Hose **(SN 0200249091 through 0200251741)**	
24	1001104584	1	Hose **(SN 0200251742 to Present)**	
25	2170508	1	Fitting, Tee ORFS/ORFS/ORFS	
26	2753659	2	Hose **(SN 0200241796 through 0200249090)**	
26	1001202903	2	Hose **(SN 0200249091 to Present)**	
27	1001104585	2	Hose **(SN 0200241796 through 0200249090)**	
27	1001202898	2	Hose **(SN 0200249091 to Present)**	
28	2753940	1	Hose	
29	1001149199	1	Hose	
30	2753791	4	Hose	
31	2110812	8	Fitting, Straight ORFS/ORB	
34	2110404	7	Fitting, Straight ORFS/ORB	
35	2110606	3	Fitting, Straight ORFS/ORB	
36	2110808	6	Fitting, Straight ORFS/ORB	
37	2111010	1	Fitting, Straight ORFS/ORB	
38	2110406	5	Fitting, Straight ORFS/ORB	
39	2130404	5	Fitting, 90 ORFS/ORB	
40	2221084	2	Fitting, Tee ORFS/ORB/ORFS	
41	2111216	3	Fitting, Straight ORFS/ORB	
43	2130808	8	Fitting, 90 ORFS/ORB	
44	1001104588	1	Hose	
45	1001104589	1	Hose	
46	1001104590	1	Hose	
49	2220238	1	Plug	
50	2112016	1	Fitting, Straight ORFS/ORB	
51	2152020	1	Fitting, 45 ORFS/ORB	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	4641281	1	Valve, Orifice Check	
53	2221086	2	Fitting, Gage Adapter	
54	2151010	1	Fitting, 45 ORFS/ORB	
55	2110810	2	Fitting, Straight ORFS/ORB	
56	1001149107	2	Hose	
57	4061032	1	Guard, Hose	
60	2131216	1	Fitting, 90 ORFS/ORB	
61	2110806	1	Fitting, 90 ORFS/ORB	
62	2221183	1	Fitting, Reducer ORFS/ORFS	
63	2753582	1	Hose	
64	1001149199	1	Hose **(SN 0200241796 through 0200249090)**	
64	1001202907	1	Hose **(SN 0200249091 to Present)**	

FIGURE 7-3. LEVELING JACK HYDRAULIC DIAGRAM - OPTIONAL ON 3394RT - STANDARD ON 4394RT

USAGE CHART:
- **ALL SPECS EXCEPT CE SPECS**
- **CE SPECS (SN 0200239053 THROUGH 0200241795)**



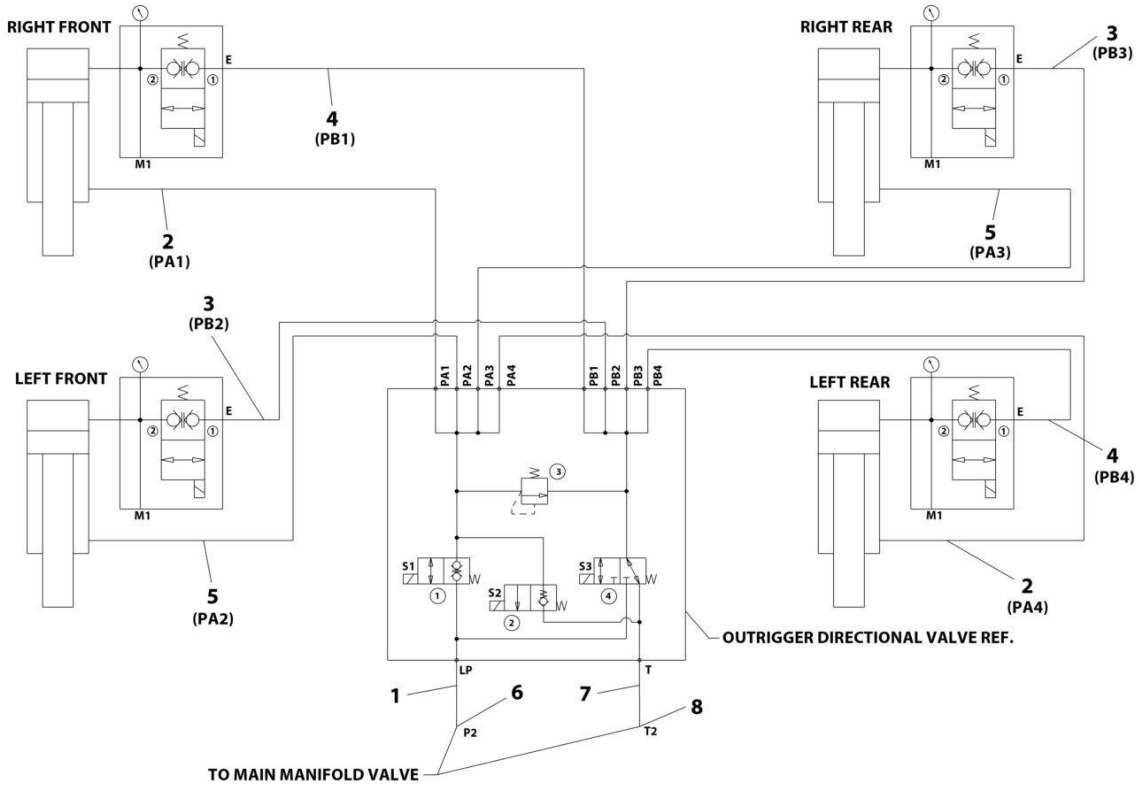
ART_1001103552

FIGURE 7-3. LEVELING JACK HYDRAULIC DIAGRAM - OPTIONAL ON 3394RT - STANDARD ON 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200241795)**	
	1001103552	Ref	LEVELING JACK HYDRAULIC DIAGRAM - OPTIONAL ON 3394RT - STANDARD ON 4394RT	B
1	2753624	1	Hose	
2	2753832	2	Hose	
3	2753833	2	Hose	
4	2753834	2	Hose	
5	2753835	2	Hose	
6	2110606	1	Fitting, Straight ORFS/ORB	
7	2753576	1	Hose	
8	2130606	1	Fitting, 90 ORFS/ORB	

FIGURE 7-4. LEVELING JACK HYDRAULIC DIAGRAM - OPTIONAL ON 3394RT - STANDARD ON 4394RT

USAGE CHART:
- CE SPECS (SN 0200241796 TO PRESENT)



ART_1001188848

FIGURE 7-4. LEVELING JACK HYDRAULIC DIAGRAM - OPTIONAL ON 3394RT - STANDARD ON 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200241796 to Present)**	
	1001188848	Ref	LEVELING JACK HYDRAULIC DIAGRAM - OPTIONAL ON 3394RT - STANDARD ON 4394RT	A
1	2716960	1	Hose	
2	2753832	2	Hose	
3	2753833	2	Hose	
4	2753834	2	Hose	
5	2753835	2	Hose	
6	2110606	1	Fitting, Straight ORFS/ORB	
7	2753576	1	Hose	
8	2130606	1	Fitting, 90 ORFS/ORB	

FIGURE 7-5. POWER SINGLE DECK EXTENSION HYDRAULIC DIAGRAM

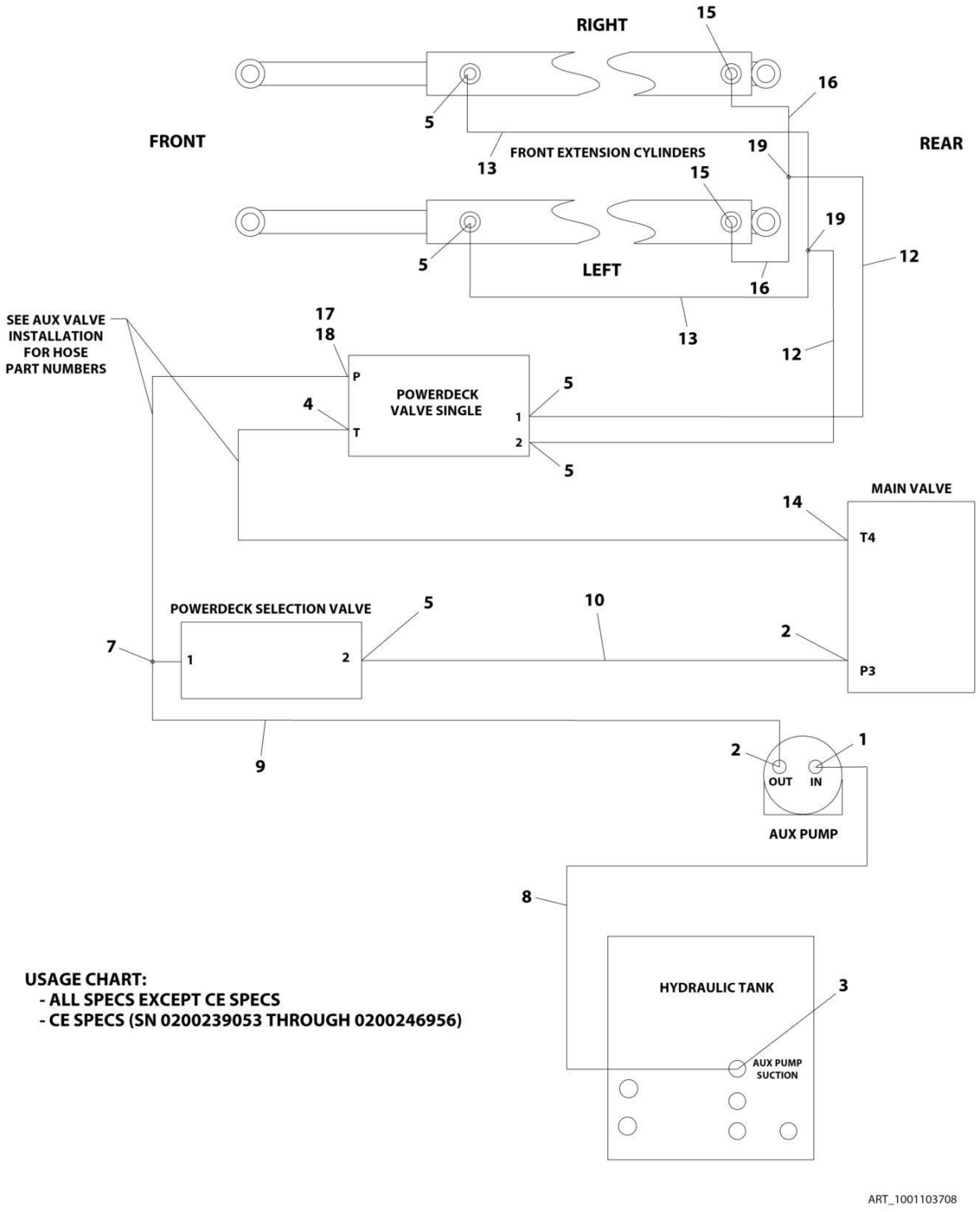


FIGURE 7-5. POWER SINGLE DECK EXTENSION HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200246956)**	
	1001103708	Ref	POWER SINGLE DECK EXTENSION HYDRAULIC DIAGRAM	B
1	2110806	1	Fitting, Straight ORFS/ORB	
2	2110406	2	Fitting, Straight ORFS/ORB	
3	2110808	1	Fitting, Straight ORFS/ORB	
4	2130604	1	Fitting, 90 ORFS/ORB	
5	2110404	5	Fitting, Straight ORFS/ORB	
7	2170304	1	Fitting, Tee ORFS/ORB/ORFS	
8	2753881	1	Hose	
9	1001105169	1	Hose	
10	2753939	1	Hose	
12	2753550	2	Hose	
13	2753717	2	Hose	
14	2110606	1	Fitting, Straight ORFS/ORB	
15	2170204	2	Fitting, Tee ORFS/ORB	
16	2753555	2	Hose	
17	2180830	1	Orifice (.047)	
18	2172104	1	Fitting, 90 ORFS/FSORFS	
19	2170504	2	Fitting, Tee ORFS/ORFS/ORFS	

FIGURE 7-6. POWER SINGLE DECK EXTENSION HYDRAULIC DIAGRAM

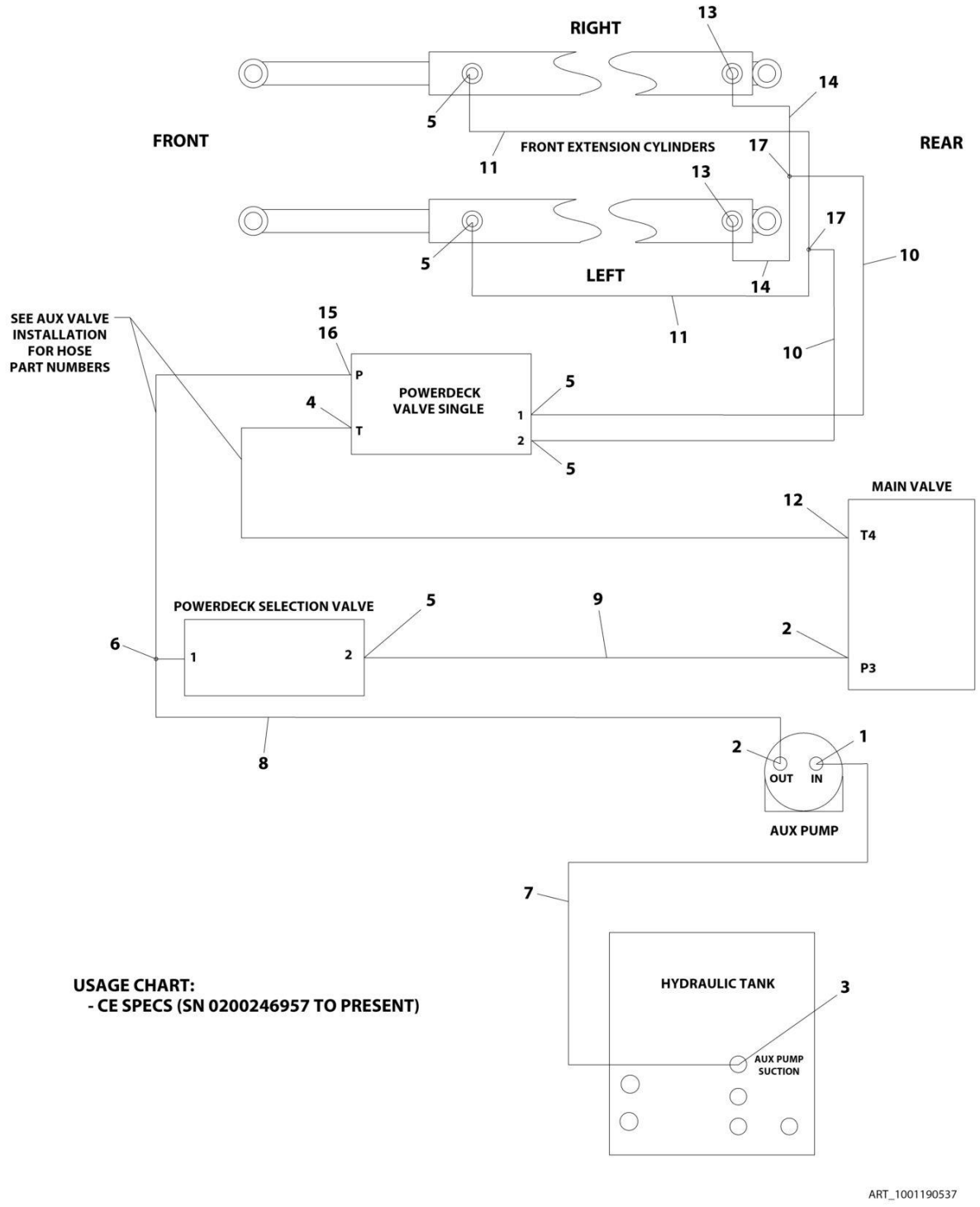
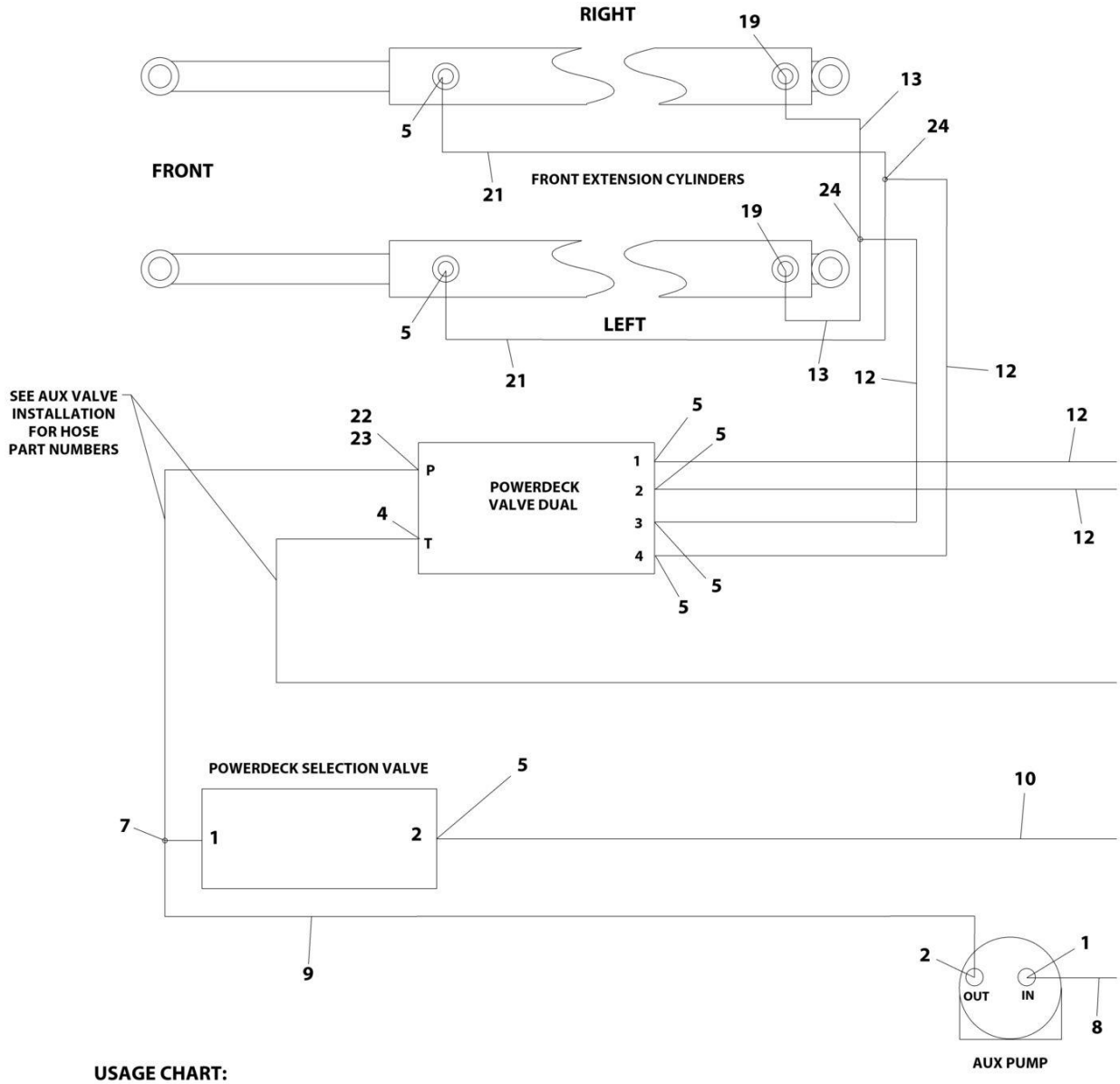
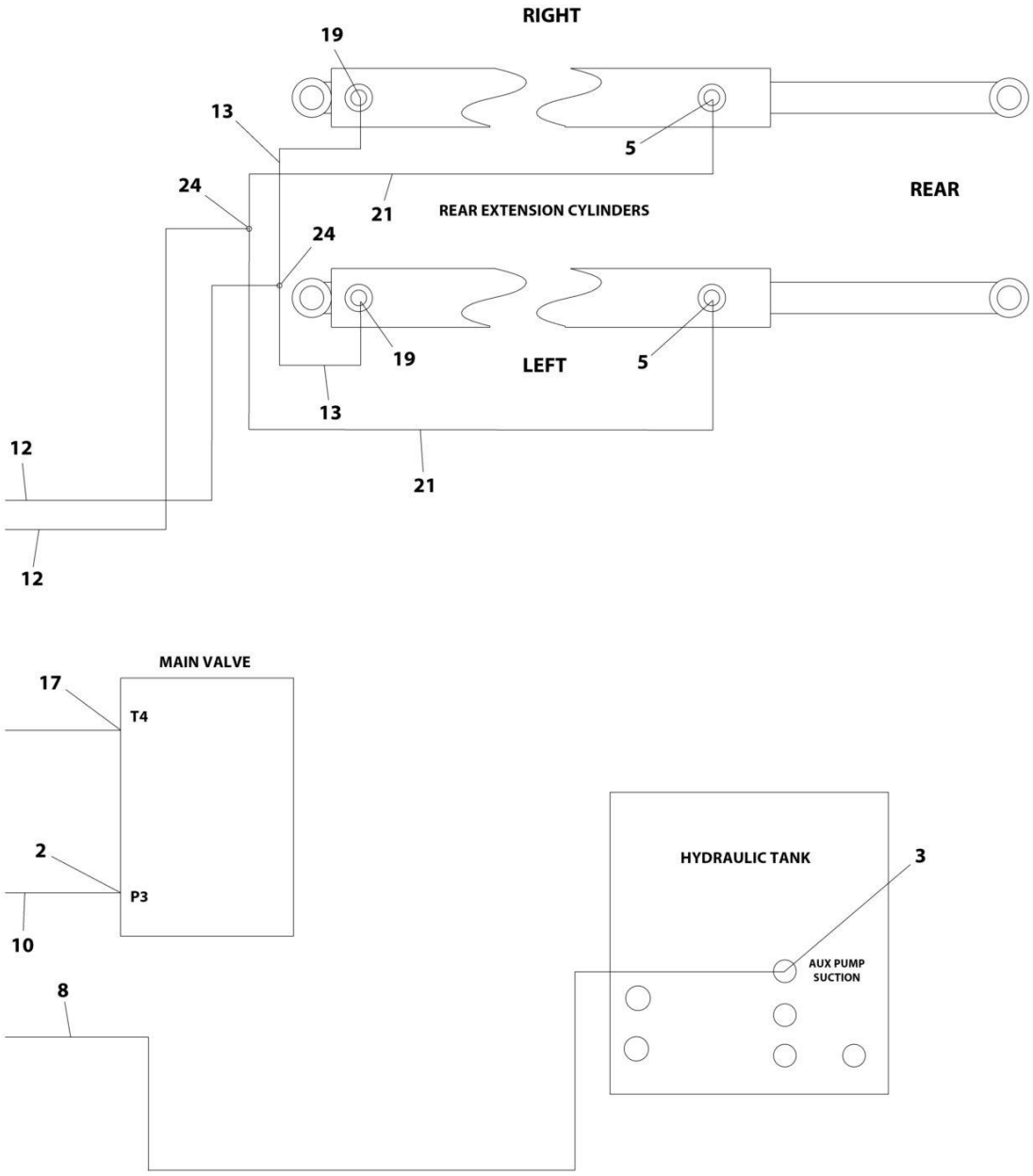


FIGURE 7-6. POWER SINGLE DECK EXTENSION HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200246957 to Present)**	
	1001190537	Ref	POWER SINGLE DECK EXTENSION HYDRAULIC DIAGRAM	A
1	2110806	1	Fitting, Straight ORFS/ORB	
2	2110406	2	Fitting, Straight ORFS/ORB	
3	2170308	1	Fitting, Tee ORFS/ORB/ORFS	
4	2130604	1	Fitting, 90 ORFS/ORB	
5	2110404	5	Fitting, Straight ORFS/ORB	
6	2170304	1	Fitting, Tee ORFS/ORB/ORFS	
7	2753881	1	Hose	
8	1001105169	1	Hose	
9	2753939	1	Hose	
10	2753550	2	Hose	
11	2753717	2	Hose	
12	2110606	1	Fitting, Straight ORFS/ORB	
13	2170204	2	Fitting, 90 ORFS/ORB	
14	2753555	2	Hose	
15	2180830	1	Orifice (.047)	
16	2172104	1	Fitting, Straight ORFS/FSORFS	
17	2170504	2	Fitting, Tee ORFS/ORFS/ORFS	

FIGURE 7-7. POWER DUAL DECK EXTENSION (12.6FT/3.8M LENGTH PLATFORM) HYDRAULIC DIAGRAM





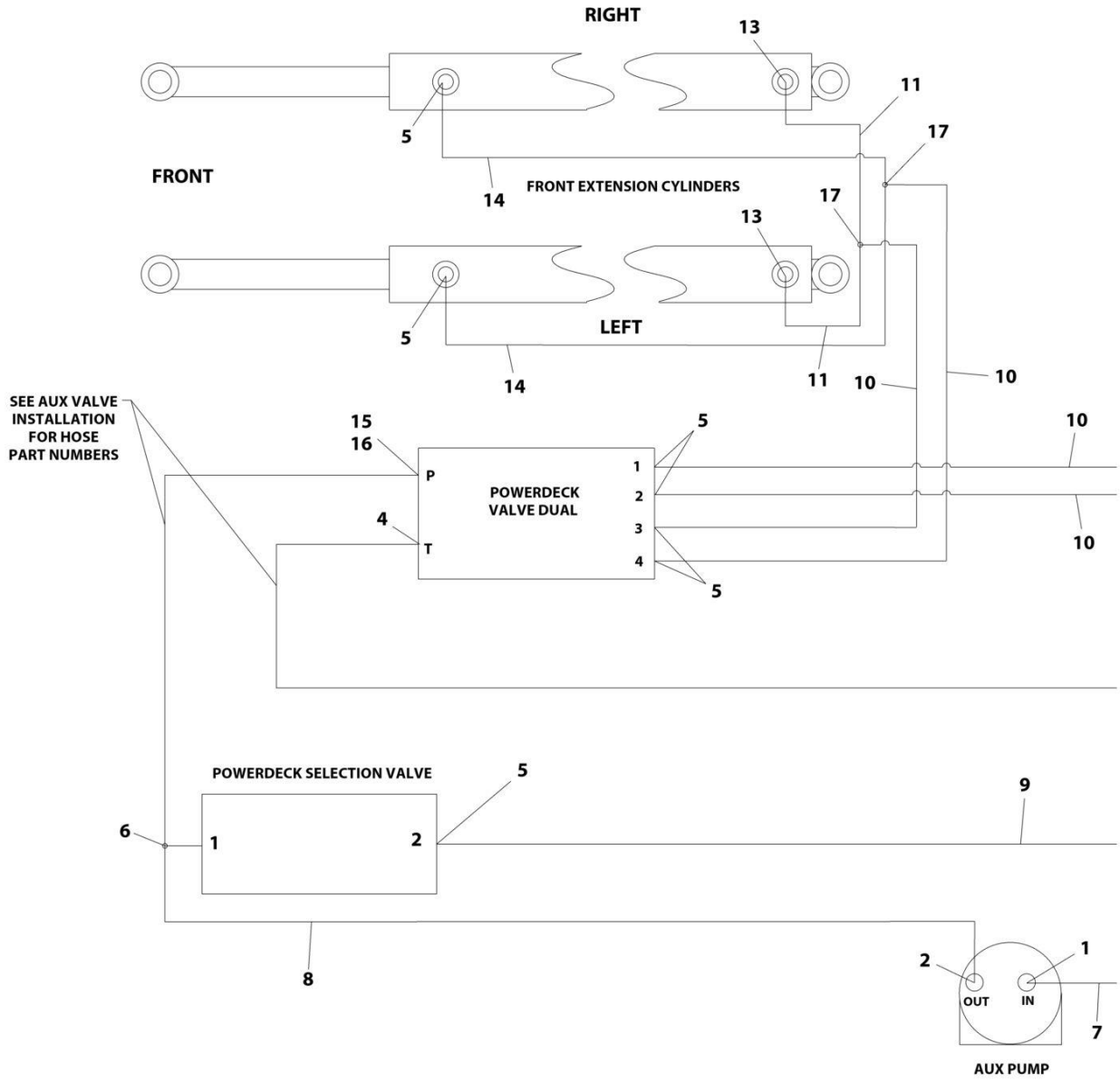
USAGE CHART:
- **ALL SPECS EXCEPT CE SPECS**
- **CE SPECS (SN 0200239053 THROUGH 0200246956)**

ART_1001103709_2OF2

FIGURE 7-7. POWER DUAL DECK EXTENSION (12.6FT/3.8M LENGTH PLATFORM) HYDRAULIC DIAGRAM

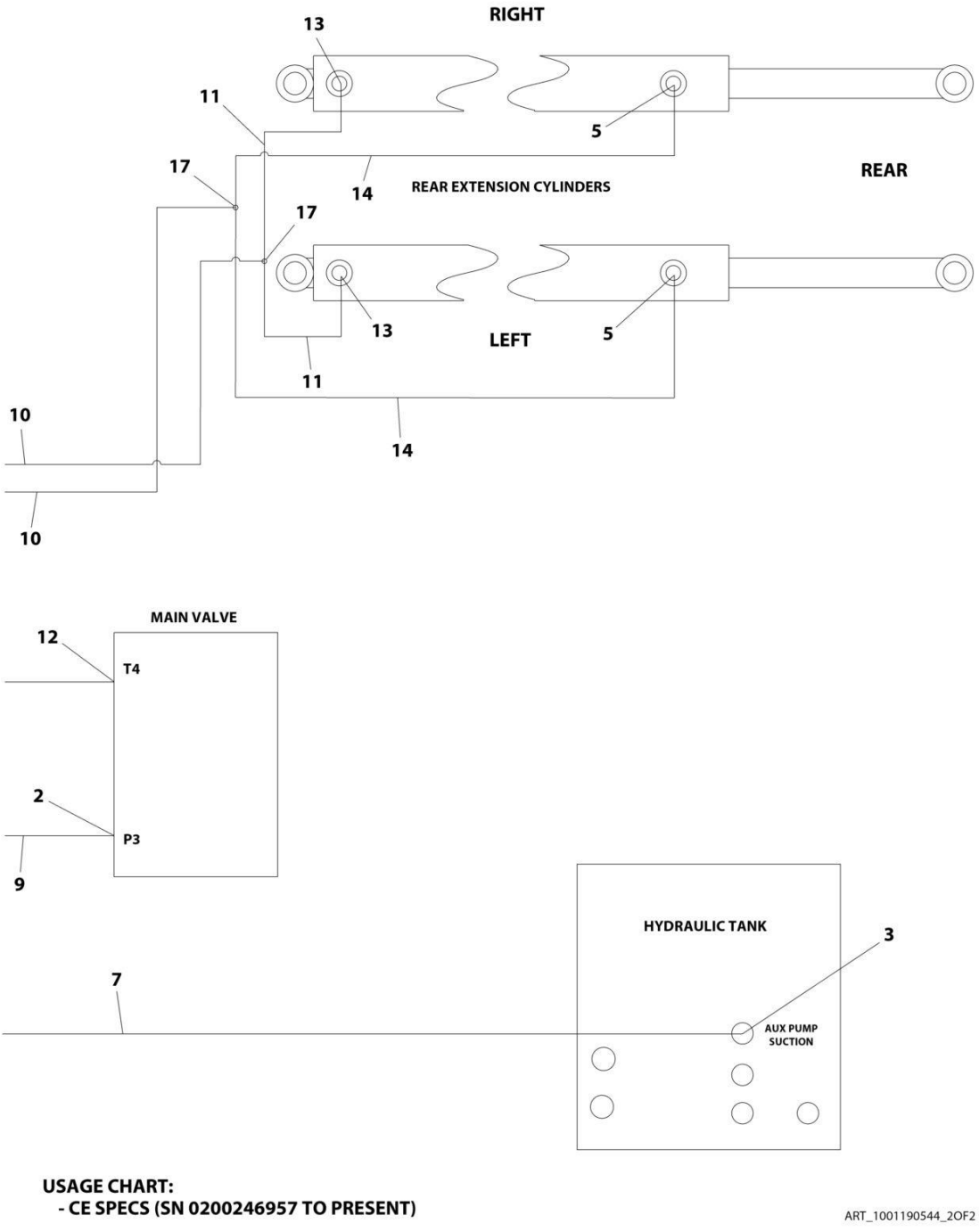
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- All Specs except CE Specs	
		Ref	- CE Specs **(SN 0200239053 through 0200246956)**	
	1001103709	Ref	POWER DUAL DECK EXTENSION (12.6FT/3.8M LENGTH PLATFORM) HYDRAULIC DIAGRAM	C
1	2110806	1	Fitting, Straight ORFS/ORB	
2	2110406	2	Fitting, Straight ORFS/ORB	
3	2110808	1	Fitting, Straight ORFS/ORB	
4	2130604	1	Fitting, 90 ORFS/ORB	
5	2110404	9	Fitting, Straight ORFS/ORB	
7	2170304	1	Fitting, Tee ORFS/ORB/ORFS	
8	2753881	1	Hose	
9	1001105169	1	Hose	
10	2753939	1	Hose	
12	2753550	4	Hose	
13	2753554	4	Hose	
17	2110606	1	Fitting, Straight ORFS/ORB	
19	2170204	4	Fitting, 90 ORFS/ORB	
21	2753921	4	Hose	
22	2180830	1	Orifice (.047)	
23	2172104	1	Fitting, 90 ORFS/FSORFS	
24	2170504	4	Fitting, Tee ORFS/ORFS/ORFS	

FIGURE 7-8. POWER DUAL DECK EXTENSION (12.6FT/3.8M LENGTH PLATFORM) HYDRAULIC DIAGRAM



USAGE CHART:
- CE SPECS (SN 0200246957 TO PRESENT)

ART_1001190544_1OF2



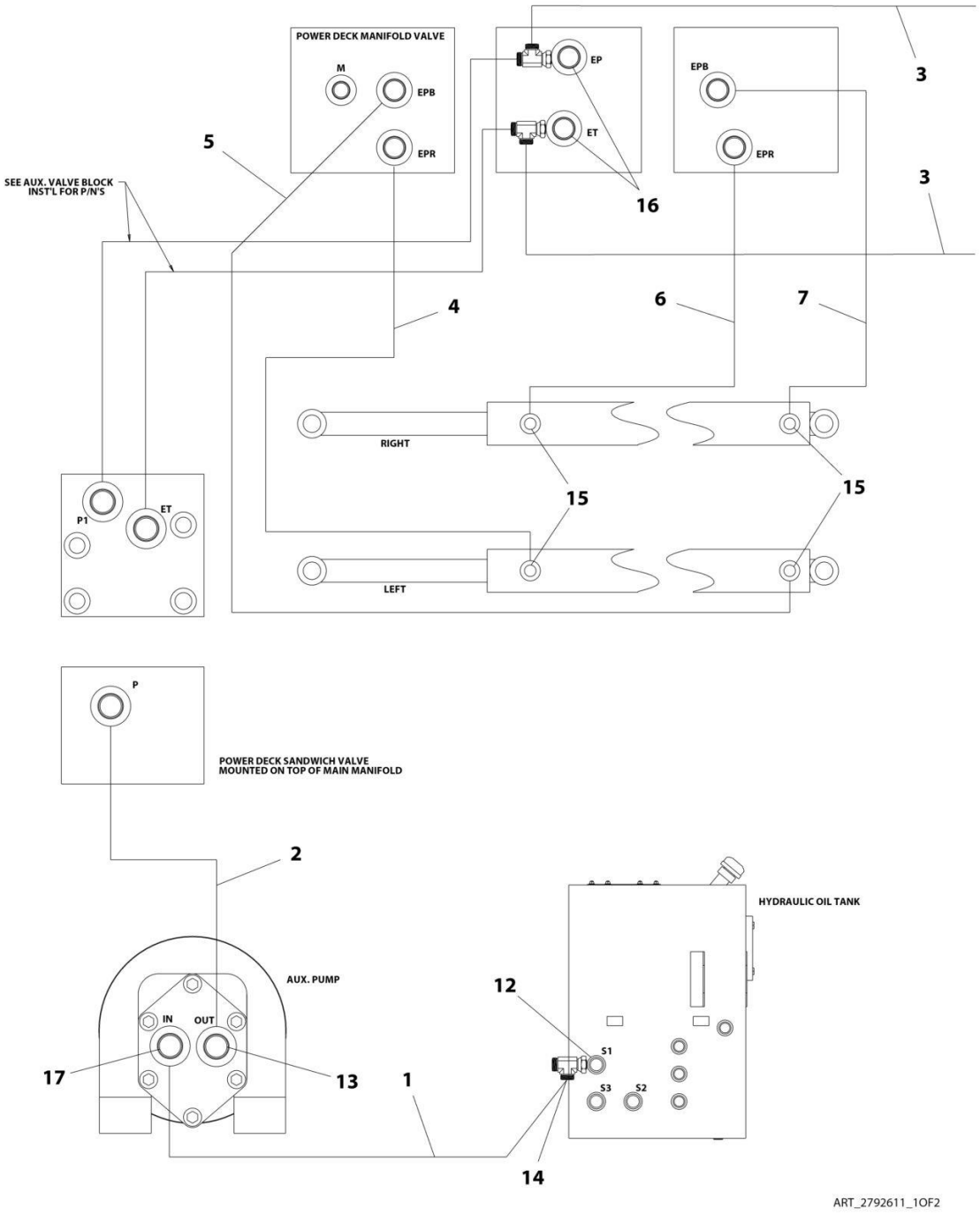
USAGE CHART:
- CE SPECS (SN 0200246957 TO PRESENT)

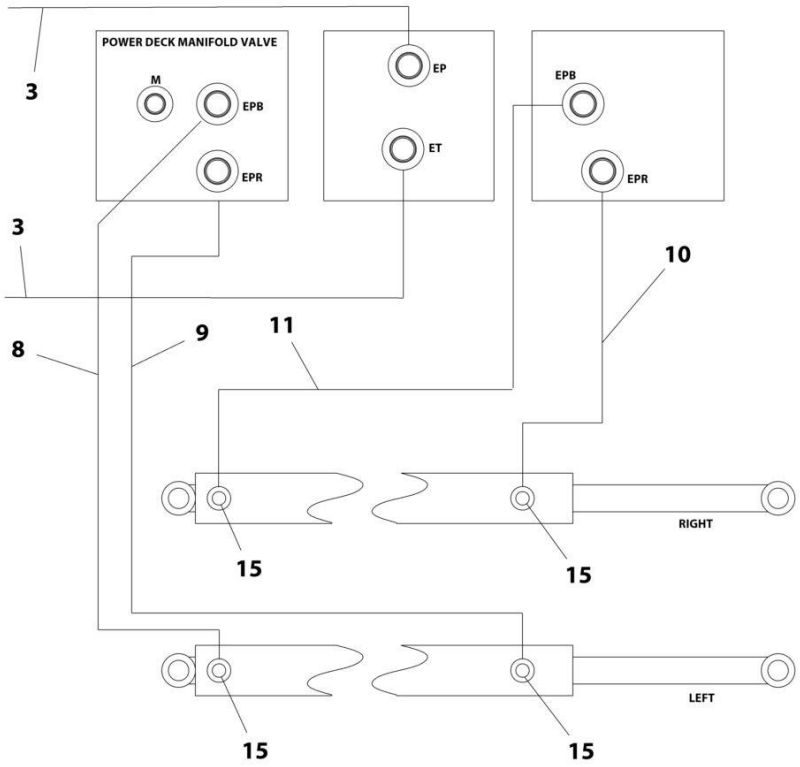
ART_1001190544_2OF2

FIGURE 7-8. POWER DUAL DECK EXTENSION (12.6FT/3.8M LENGTH PLATFORM) HYDRAULIC DIAGRAM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- CE Specs **(SN 0200246957 to Present)**	
	1001190544	Ref	POWER DUAL DECK EXTENSION (12.6FT/3.8M LENGTH PLATFORM) HYDRAULIC DIAGRAM	A
1	2110806	1	Fitting, Straight ORFS/ORB	
2	2110406	2	Fitting, Straight ORFS/ORB	
3	2170308	1	Fitting, Tee ORFS/ORB/ORFS	
4	2130604	1	Fitting, 90 ORFS/ORB	
5	2110404	9	Fitting, Straight ORFS/ORB	
6	2170304	1	Fitting, Tee ORFS/ORB/ORFS	
7	2753881	1	Hose	
8	1001105169	1	Hose	
9	2753939	1	Hose	
10	2753550	4	Hose	
11	2753554	4	Hose	
12	2110606	1	Fitting, Straight ORFS/ORB	
13	2170204	4	Fitting, 90 ORFS/ORB	
14	2753921	4	Hose	
15	2180830	1	Orifice (.047)	
16	2172104	1	Fitting, 90 ORFS/FSORFS	
17	2170504	2	Fitting, Tee ORFS/ORFS/ORFS	

FIGURE 7-9. POWER DUAL DECK EXTENSION (15.8FT/4.8M LENGTH MEGADECK PLATFORM) HYDRAULIC DIAGRAM (SN 0200239053 through 0200246956)



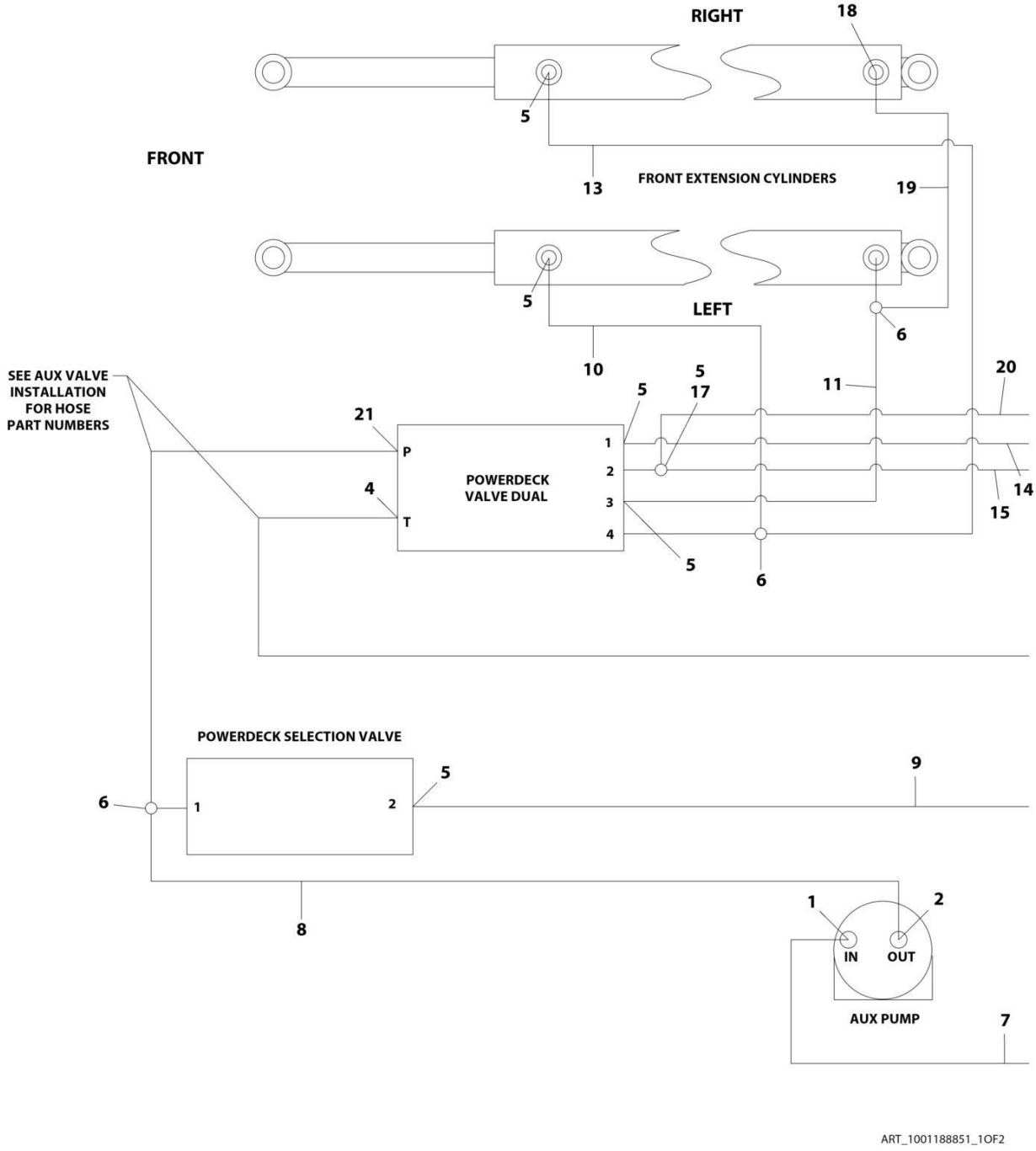


ART_2792611_2OF2

FIGURE 7-9. POWER DUAL DECK EXTENSION (15.8FT/4.8M LENGTH MEGADECK PLATFORM) HYDRAULIC DIAGRAM (SN 0200239053 through 0200246956)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2792611	Ref	POWER DUAL DECK EXTENSION (15.8FT/4.8M LENGTH MEGADECK PLATFORM) HYDRAULIC DIAGRAM **(SN 0200239053 through 0200246956)**	A
1	2753881	1	Hose	
2	2753873	1	Hose	
3	2753879	2	Hose	
4	2753919	1	Hose	
5	2753783	1	Hose	
6	2753920	1	Hose	
7	2753921	1	Hose	
8	2753922	1	Hose	
9	2753878	1	Hose	
10	2753923	1	Hose	
11	2753875	1	Hose	
12	2170716	1	Fitting, Tee ORFS/FSORFS/ORFS	
13	2110606	1	Fitting, Straight ORFS/ORB	
14	2221150	1	Fitting, Reducer ORFS/FSORFS	
15	2110404	8	Fitting, Straight ORFS/ORB	
16	2170706	2	Fitting, Tee ORFS/FSORFS/ORFS	
17	2110806	1	Fitting, Straight ORFS/ORB	

FIGURE 7-10. POWER DUAL DECK EXTENSION (15.8FT/4.8M LENGTH MEGADECK PLATFORM) (SN 0200246957 to Present)



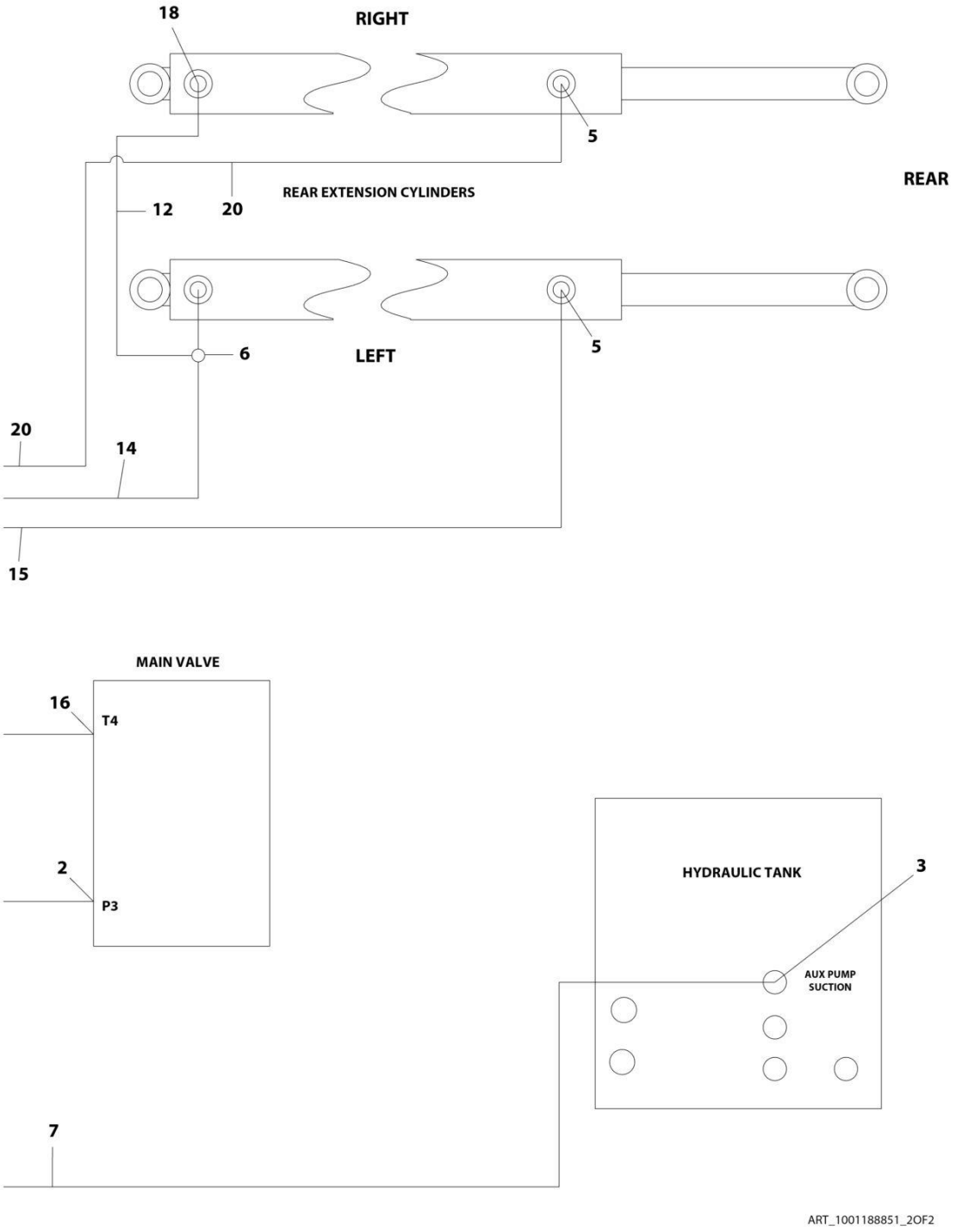

18
RIGHT
5
REAR
REAR EXTENSION CYLINDERS
12
20
6
LEFT
5
20
14
15
MAIN VALVE
16
T4
2
P3
HYDRAULIC TANK
3
AUX PUMP SUCTION
7
ART_1001188851_2OF2

FIGURE 7-10. POWER DUAL DECK EXTENSION (15.8FT/4.8M LENGTH MEGADECK PLATFORM) (SN 0200246957 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001188851	Ref	POWER DUAL DECK EXTENSION (15.8FT/4.8M LENGTH MEGADECK PLATFORM) **(SN 0200246957 to Present)**	A
1	2110806	1	Fitting, Straight ORFS/ORB	
2	2110406	2	Fitting, Straight ORFS/ORB	
3	2170308	1	Fitting, Tee ORFS/ORB/ORFS	
4	2110604	1	Fitting, Straight ORFS/ORB	
5	2110404	8	Fitting, Straight ORFS/ORB	
6	2170304	4	Fitting, Tee ORFS/ORB/ORFS	
7	2753881	1	Hose	
8	1001105169	1	Hose	
9	2753939	1	Hose	
10	1001105234	1	Hose	
11	1001105235	1	Hose	
12	2753877	1	Hose	
13	1001105236	1	Hose	
14	1001105237	1	Hose	
15	1001105238	1	Hose	
16	2110606	1	Fitting, Straight ORFS/ORB	
17	2170704	1	Fitting, Tee ORFS/FSORFS/ORFS	
18	2170204	2	Fitting, 90 ORFS/ORB	
19	1001105172	1	Hose	
20	1001105239	1	Hose	
21	2180830	1	Orifice (.047)	

FIGURE 7-11. HYDRAULIC DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Information on diagrams not shown are available from JLG Service/Parts Departments. See Service and Maintenance Manual for Schematics.	
		Ref	HYDRAULIC DIAGRAM OPTIONS:	
	1001101922	Ref	Hydraulic Diagram (All Specs except CE Spec)	
	1001101922	Ref	Hydraulic Diagram (CE Specs) **(SN 0200239053 through 0200241795)**	
	1001188563	Ref	Hydraulic Diagram (CE Specs) **(SN 0200241796 to Present)**	
		Ref	HYDRAULIC DIAGRAM - LEVELING JACKS OPTIONS:	
	1001103552	Ref	Hydraulic Diagram - Leveling Jacks (All Specs except CE Spec)	
	1001103552	Ref	Hydraulic Diagram - Leveling Jacks (CE Spec) **(SN 0200239053 through 0200241795)**	
	1001188848	Ref	Hydraulic Diagram - Leveling Jacks (CE Spec) **(SN 0200241796 to Present)**	
		Ref	HYDRAULIC DIAGRAM - POWER DECK OPTIONS:	
	1001103708	Ref	Hydraulic Diagram - Power Single Deck Extension (All Specs except CE Spec)	
	1001103708	Ref	Hydraulic Diagram - Power Single Deck Extension (CE Spec) **(SN 0200239053 through 0200246956)**	
	1001190537	Ref	Hydraulic Diagram - Power Single Deck Extension (CE Spec) **(SN 0200246957 to Present)**	
	1001103709	Ref	Hydraulic Diagram - Power Dual Deck Extension (12.6ft/3.8m Length Platform) (All Specs except CE Spec)	
	1001103709	Ref	Hydraulic Diagram - Power Dual Deck Extension (12.6ft/3.8m Length Platform) (CE Spec) **(SN 0200239053 through 0200246956)**	
	1001190544	Ref	Hydraulic Diagram - Power Dual Deck Extension (12.6ft/3.8m Length Platform) (CE Spec) **(SN 0200246957 to Present)**	
	2792611	Ref	Hydraulic Diagram - Power Dual Deck Extension (15.8ft/4.8m Length Megadeck Platform) **(SN 0200239053 through 0200246956)**	
	1001188851	Ref	Hydraulic Diagram - Power Dual Deck Extension (15.8ft/4.8m Length Megadeck Platform) **(SN 0200246957 to Present)**	
		Ref	HYDRAULIC SCHEMATIC OPTIONS:	
	1001098823	Ref	Hydraulic Schematic (All Specs except CE Spec)	
	1001098823	Ref	Hydraulic Schematic (CE Spec) **(SN 0200239053 through 0200241795)**	
	1001188846	Ref	Hydraulic Schematic (CE Spec) **(SN 0200241796 to Present)**	

SECTION 8 - ELECTRICAL

FIGURE 8-1. ELECTRICAL DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	ELECTRICAL DIAGRAM LIST	
		Ref	Note: For information, refer to Service Manual or contact JLG Customer Service Department.	
	1001167526	Ref	AC TO PLATFORM ELECTRICAL DIAGRAM - 220V (CEE7 POST GROUND 2X4 BOX) (CE SPEC)	
	1001167527	Ref	AC TO PLATFORM ELECTRICAL DIAGRAM - 220V (CEE7 SIDE GROUND 2X4 BOX) (CE SPEC)	
	1001167529	Ref	AC TO PLATFORM ELECTRICAL DIAGRAM - 220V (AFSINT 107 KEYED GROUND 2X4 BOX) (CE SPEC)	
	1001167530	Ref	AC BOX AT PLATFORM INSTALLATION - 110V (IEC 60309 YELLOW) (CE SPEC)	
	1001167531	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (IEC 60309 BLUE) (CE SPEC)	
	1001167532	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 POST GROUND 70mm X 70mm BOX) (CE SPEC)	
	1001167533	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 SIDE GROUND 70mm X 70mm BOX) (CE SPEC)	
	1001103488	Ref	ELECTRICAL SCHEMATIC - DUAL FUEL	
	1001103487	Ref	ELECTRICAL SCHEMATIC - DIESEL	
	1001184074	Ref	2500W/60HZ/110V GENERATOR ELECTRICAL DIAGRAM - DEUTZ D2.9L4 ENGINES	
	1001157771	Ref	7500W/60HZ/110V GENERATOR ELECTRICAL DIAGRAM - DEUTZ D2.9L4 ENGINES	
	1870170	Ref	LSS SCHEMATIC	

FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ANSI, ANSI EXPORT AND CE SPECS)

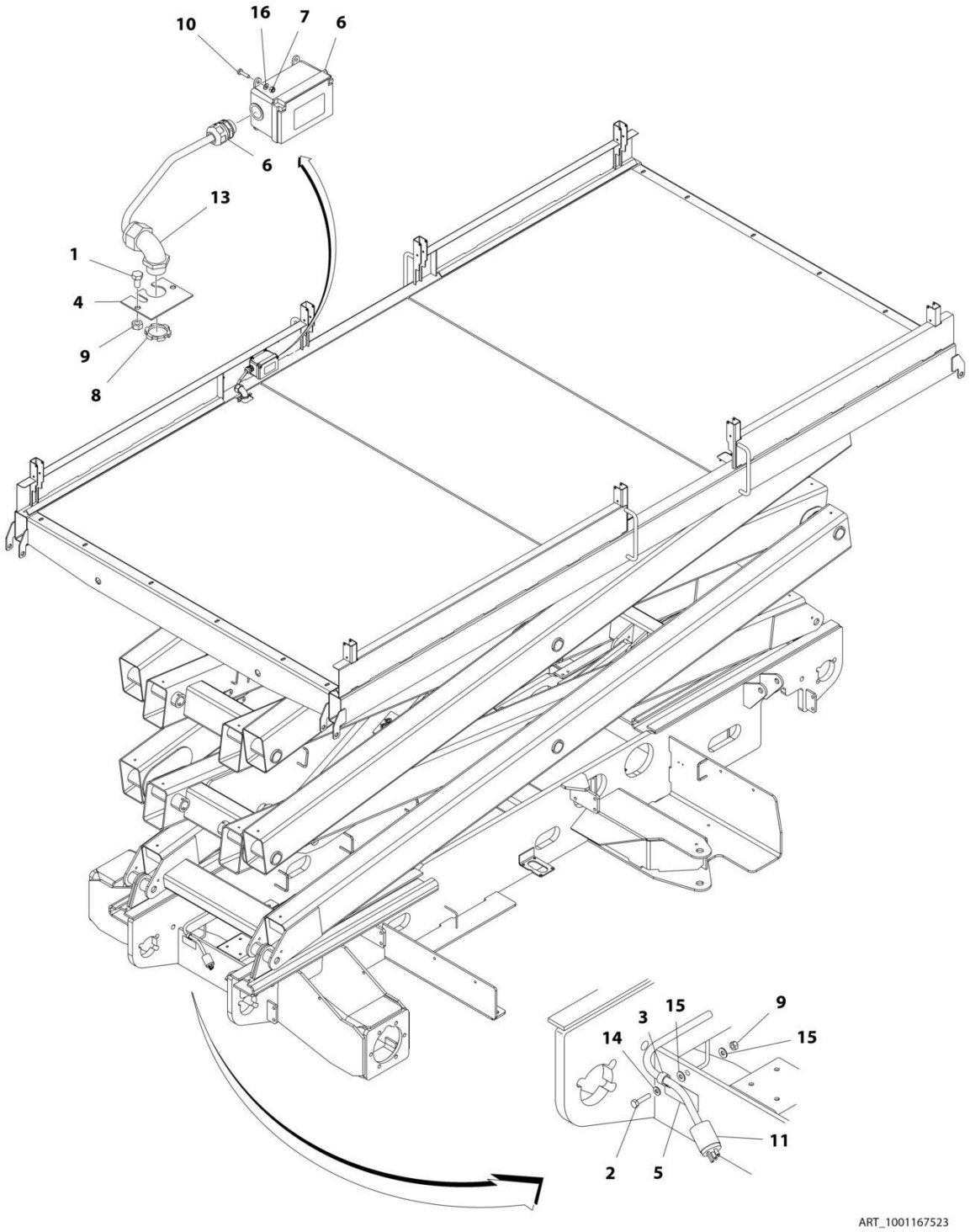


FIGURE 8-2. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ANSI, ANSI EXPORT AND CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167523	Ref	AC BOX AT PLATFORM INSTALLATION - 110V GFI (ANSI, ANSI EXPORT AND CE SPECS)	C
1	0641404	2	Bolt 1/4 x 1/2	
2	0641409	1	Bolt 1/4 x 1-1/8	
3	1320224	1	Clamp	
4	1670988	1	Cover, Cable Access	
5	1703464	1	Decal - AC Power (120V-60Hz)	
6	2902431	1	Receptacle Box Kit - 110V GFI (See RECEPTACLE BOX KIT - 110V GFI for Breakdown)	
7	3290405	4	Nut M4	
8	3300048	1	Nut, Conduit	
9	3311405	3	Nut 1/4	
10	4010408	4	Screw M4 x 16	
11	4460138	1	Plug, Male	
12	4460315	3	Terminal, Spade (Not Shown)	
13	4460422	1	Terminal, Strain Relief	
14	4711400	1	Washer 1/4	
15	4751400	2	Washer 1/4	
16	4811400	4	Washer M4	

FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V (IEC 60309 YELLOW) (CE SPEC ONLY)

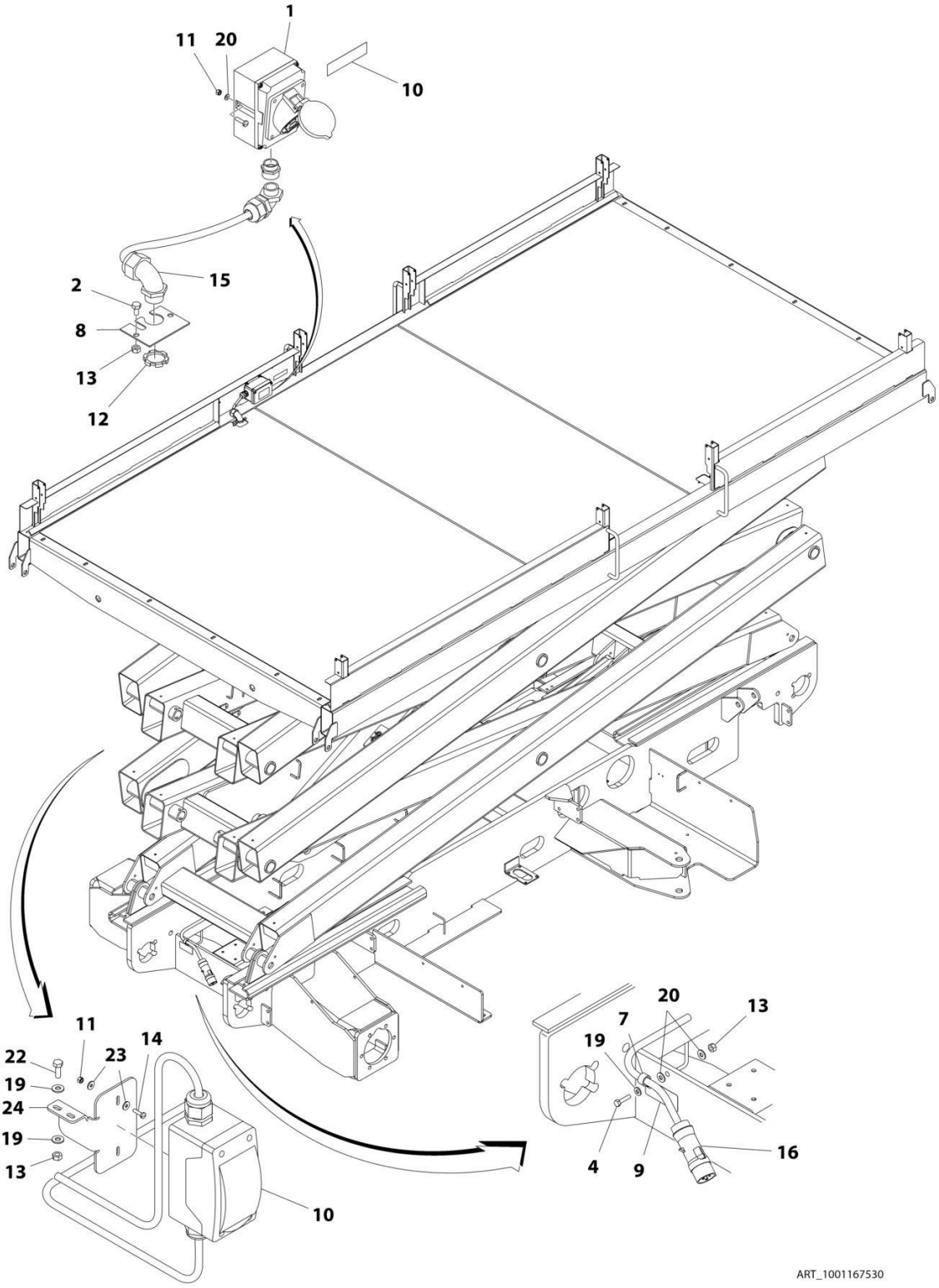


FIGURE 8-3. AC BOX AT PLATFORM INSTALLATION - 110V (IEC 60309 YELLOW) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167530	Ref	AC BOX AT PLATFORM INSTALLATION - 110V (IEC 60309 YELLOW) (CE SPEC ONLY)	D
1	0275216	1	Receptacle Box Kit (See RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC) for Breakdown)	
2	0641404	2	Bolt 1/4 x 1/2	
4	0641409	1	Bolt 1/4 x 1-1/8	
7	1320224	1	Clamp	
8	1670988	1	Cover, Cable Access	
9	1705325	2	Decal - AC Power (120V-50Hz)	
10	2902549	1	Breaker Box Kit (See BREAKER BOX KIT (CE SPEC) for Breakdown)	
11	3290405	4	Nut M4	
12	3300048	1	Nut, Conduit	
13	3311405	5	Nut 1/4	
14	4010408	4	Screw M4 x 16	
15	4460422	1	Terminal, Strain Relief	
16	4461196	1	Plug, Male	
17	4461257	1	Connector, Strain Relief	
18	4461258	1	Adapter	
19	4711400	5	Washer 1/4	
20	4751400	2	Washer 1/4	
21	4811400	2	Washer M4	
22	0641406	2	Bolt 1/4 x 3/4	
23	1001091102	4	Washer M4	
24	1001094915	1	Bracket	

FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V - NO BOX (ALL SPECS)

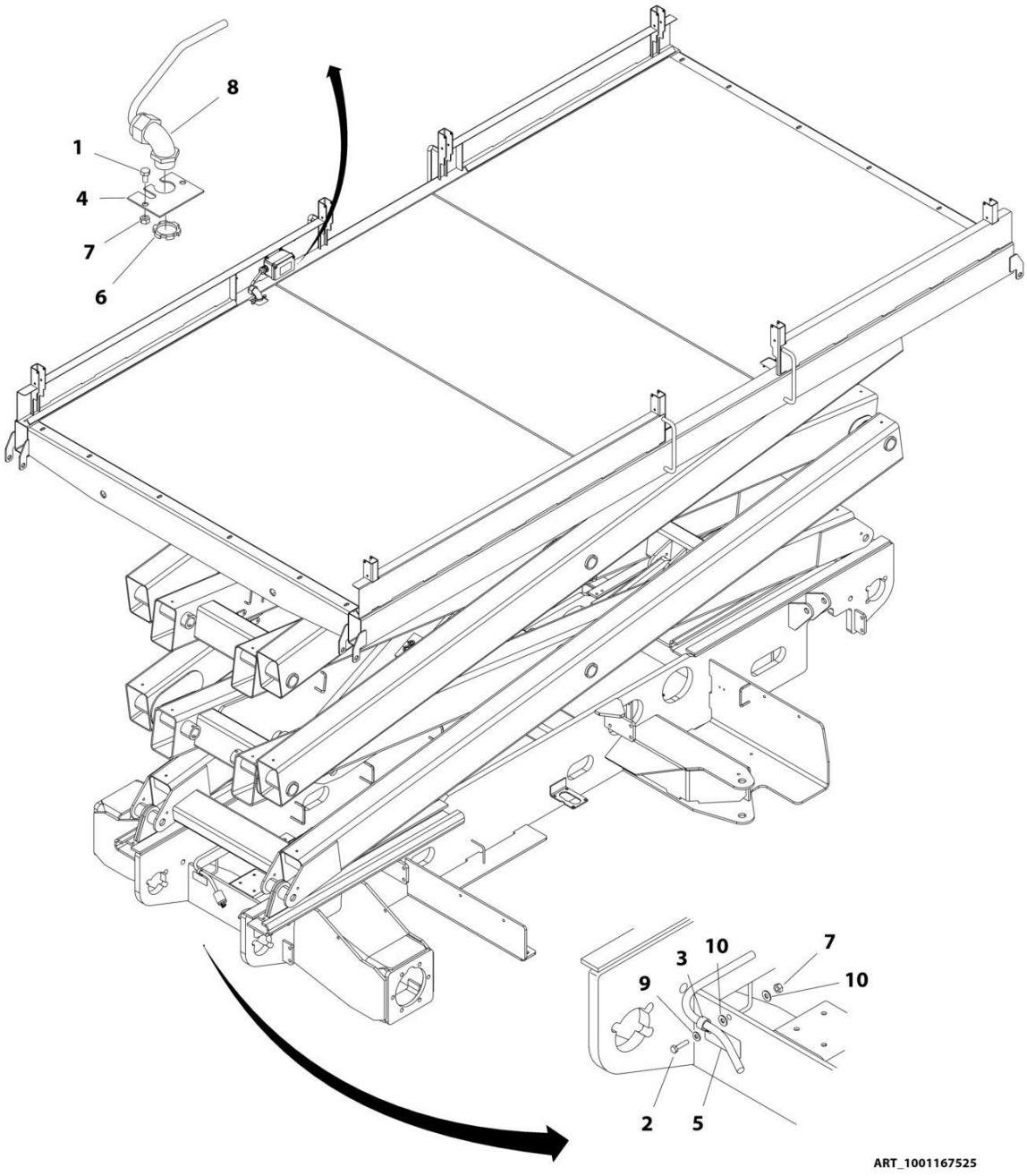


FIGURE 8-4. AC BOX AT PLATFORM INSTALLATION - 220V - NO BOX (ALL SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167525	Ref	AC BOX AT PLATFORM INSTALLATION - 220V - NO BOX (ALL SPECS)	C
1	0641404	2	Bolt 1/4 x 1/2	
2	0641409	1	Bolt 1/4 x 1-1/8	
3	1320224	1	Clamp	
4	1670988	1	Cover, Cable Access	
5	3252507	1	Decal - AC Power (220V-50/60Hz)	
6	3300048	1	Nut, Conduit	
7	3311405	3	Nut 1/4	
8	4460422	1	Terminal, Strain Relief	
9	4711400	1	Washer 1/4	
10	4751400	2	Washer 1/4	

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, ANSI EXPORT AND CSA SPECS)

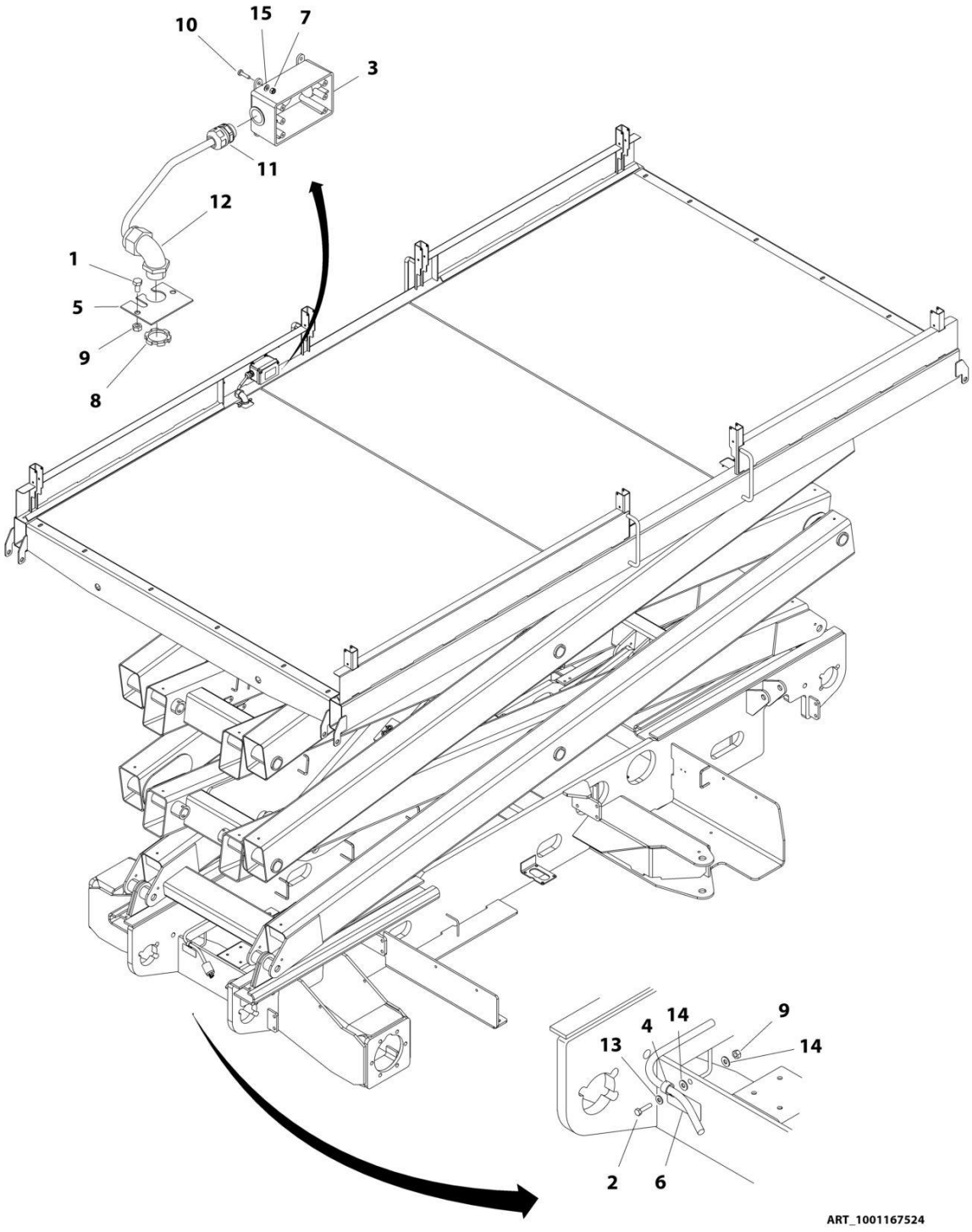


FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, ANSI EXPORT AND CSA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167524	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (ANSI, ANSI EXPORT AND CSA SPECS)	D
1	0641404	2	Bolt 1/4 x 1/2	
2	0641409	1	Bolt 1/4 x 1-1/8	
3	0861731	1	Box	
4	1320224	1	Clamp	
5	1670988	1	Cover, Cable Access	
6	3252507	1	Decal - AC Power (220V-50/60Hz)	
7	3290405	4	Nut M4	
8	3300048	1	Nut, Conduit	
9	3311405	3	Nut 1/4	
10	4010408	4	Screw M4 x 16	
11	4460071	1	Connector, Strain Relief **(SN 0200239053 through 0200260027)**	
11	4460662	1	Connector, Strain Relief **(SN 0200260028 to Present)**	
12	4460422	1	Terminal, Strain Relief	
13	4711400	1	Washer 1/4	
14	4751400	2	Washer 1/4	
15	4811400	4	Washer M4	

FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V (IEC 60309 BLUE) (CE SPEC ONLY)

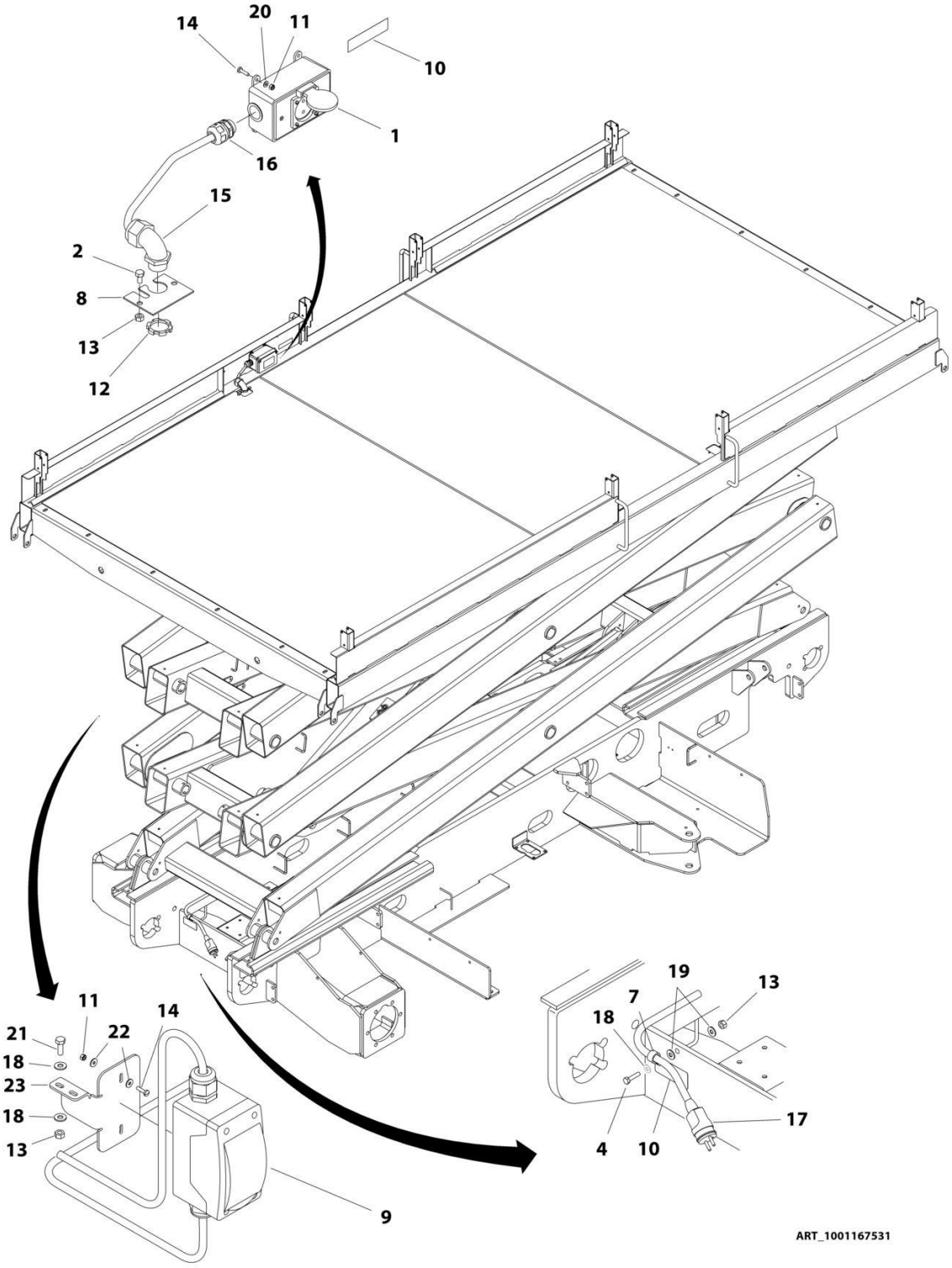


FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V (IEC 60309 BLUE) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167531	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (IEC 60309 BLUE) (CE SPEC ONLY)	F
1	0275217	1	Receptacle Box Kit (See RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC) for Breakdown)	
2	0641404	2	Bolt 1/4 x 1/2	
4	0641409	1	Bolt 1/4 x 1-1/8	
7	1320224	1	Clamp	
8	1670988	1	Cover, Cable Access	
9	2902549	1	Breaker Box Kit (See BREAKER BOX KIT (CE SPEC) for Breakdown)	
10	3252507	2	Decal - AC Power (220V-50/60Hz)	
11	3290405	6	Nut M4	
12	3300048	1	Nut, Conduit	
13	3311405	5	Nut 1/4	
14	4010408	6	Screw M4 x 16	
15	4460422	1	Terminal, Strain Relief	
16	4460968	1	Connector, Strain Relief **(SN 0200239053 through 0200260027)**	
16	4460662	1	Connector, Strain Relief **(SN 0200260028 to Present)**	
17	4461202	1	Plug, Male **(SN 0200239052 through 0200256565)**	
17	4461205	1	Plug, Male **(SN 0200256566 to Present)**	
18	4711400	5	Washer 1/4	
19	4751400	2	Washer 1/4	
20	4811400	4	Washer M4	
21	0641406	2	Bolt 1/4 x 3/4	
22	1001091102	4	Washer M4	
23	1001094915	1	Bracket	

FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V (AFSINT 107 KEYED GROUND 2X4 BOX) (CE SPEC ONLY)

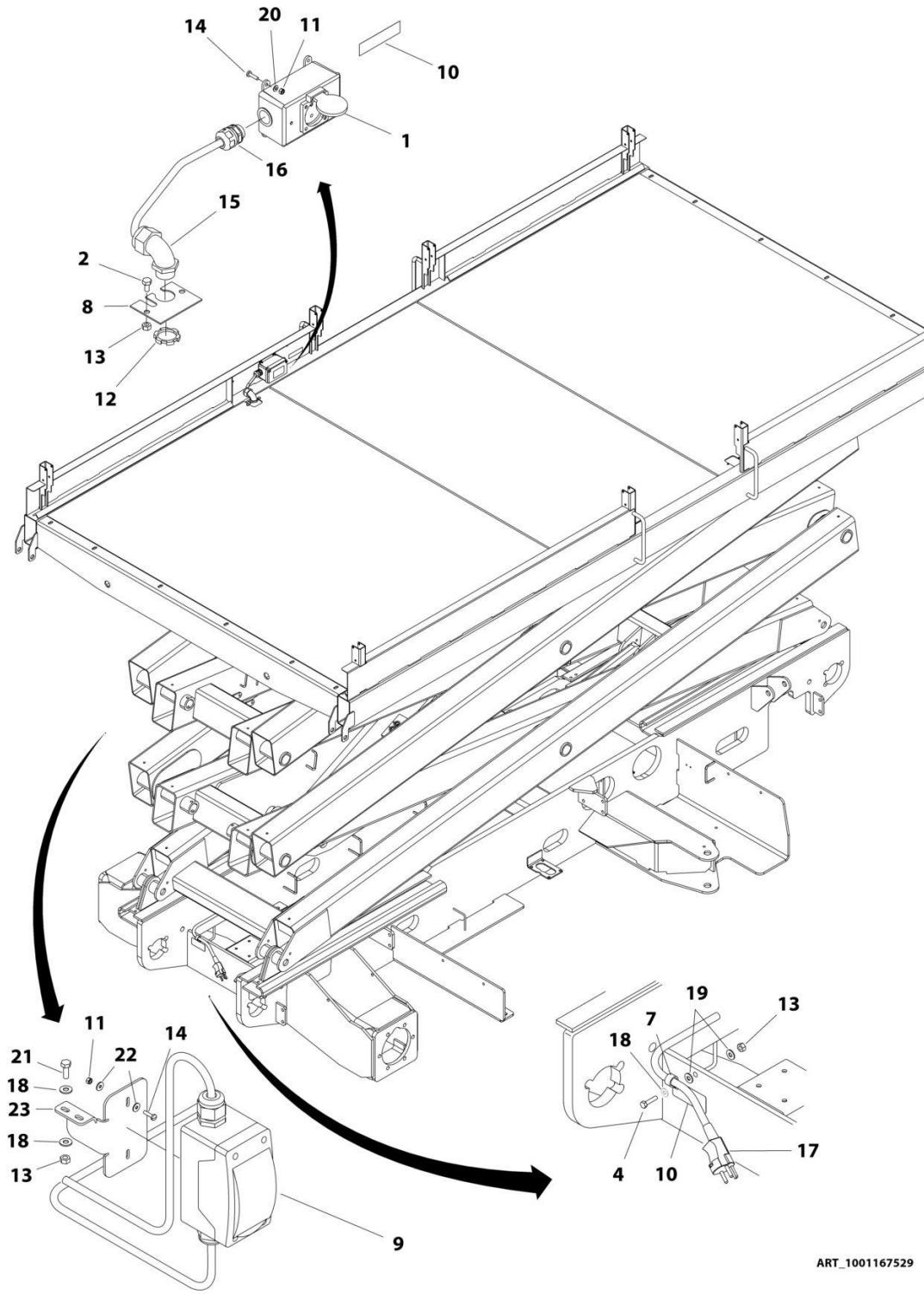


FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V (AFSINT 107 KEYED GROUND 2X4 BOX) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167529	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (AFSINT 107 KEYED GROUND 2X4 BOX) (CE SPEC ONLY)	E
1	0275454	1	Receptacle Box Kit (See RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC) for Breakdown)	
2	0641404	2	Bolt 1/4 x 1/2	
4	0641409	1	Bolt 1/4 x 1-1/8	
7	1320224	1	Clamp	
8	1670988	1	Cover, Cable Access	
9	2902549	1	Breaker Box Kit (See BREAKER BOX KIT (CE SPEC) for Breakdown)	
10	3252507	2	Decal - AC Power (220V-50/60Hz)	
11	3290405	6	Nut M4	
12	3300048	1	Nut, Conduit	
13	3311405	5	Nut 1/4	
14	4010408	6	Screw M4 x 16	
15	4460422	1	Terminal, Strain Relief	
16	4460968	1	Connector, Strain Relief **(SN 0200239053 through 0200260027)**	
16	4460662	1	Connector, Strain Relief **(SN 0200260028 to Present)**	
17	4461249	1	Plug, Male	
18	4711400	5	Washer 1/4	
19	4751400	2	Washer 1/4	
20	4811400	4	Washer M4	
21	0641406	2	Bolt 1/4 x 3/4	
22	1001091102	4	Washer M4	
23	1001094915	1	Bracket	

FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 POST GROUND 2X4 BOX) (CE SPEC ONLY)

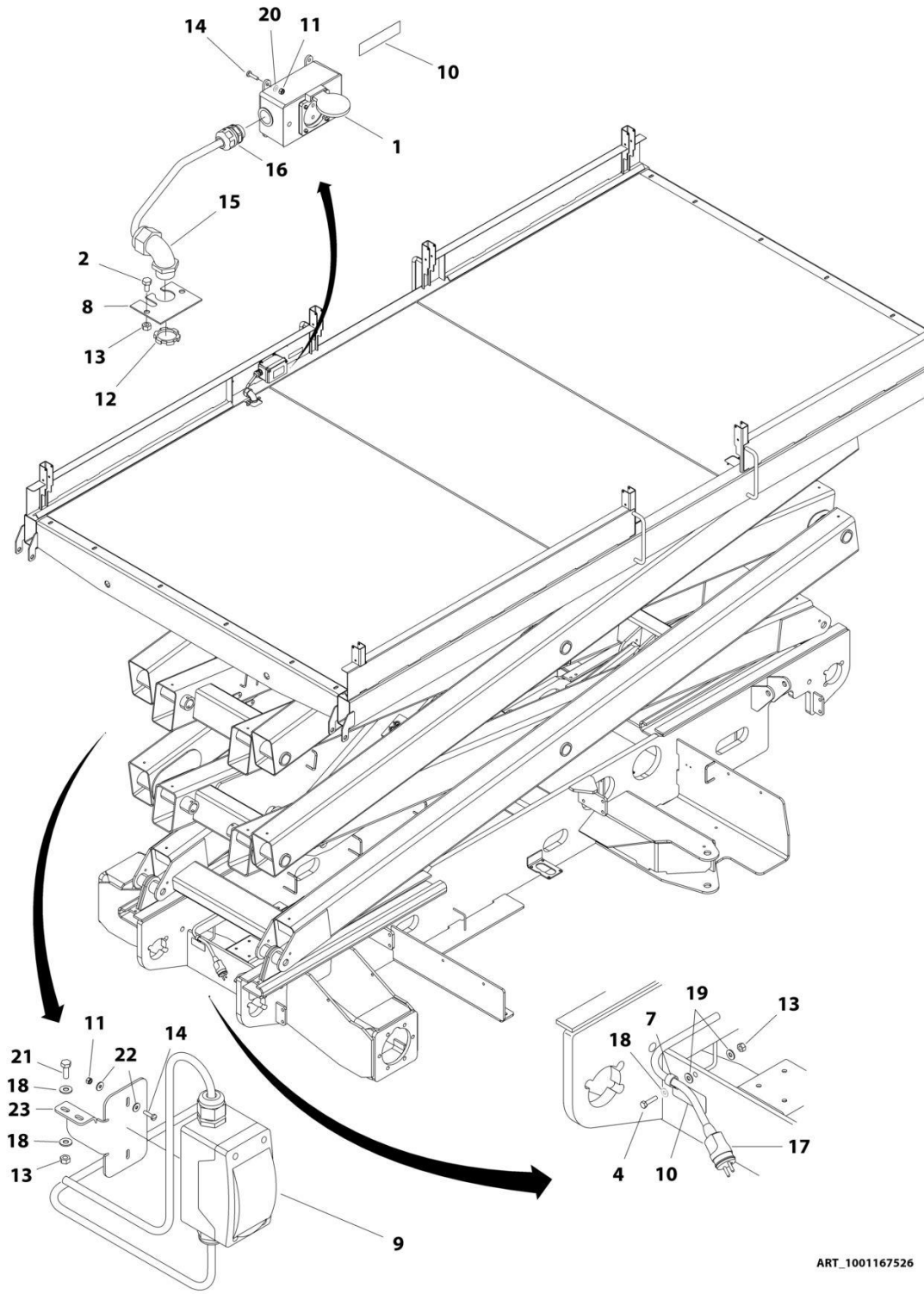


FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 POST GROUND 2X4 BOX) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167526	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 POST GROUND,2X4 BOX) (CE SPEC ONLY)	F
1	0275452	1	Receptacle Box Kit (See RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC) for Breakdown)	
2	0641404	2	Bolt 1/4 x 1/2	
4	0641409	1	Bolt 1/4 x 1-1/8	
7	1320224	1	Clamp	
8	1670988	1	Cover, Cable Access	
9	2902549	1	Breaker Box Kit (See BREAKER BOX KIT (CE SPEC) for Breakdown)	
10	3252507	2	Decal - AC Power (220V-50/60Hz)	
11	3290405	6	Nut M4	
12	3300048	1	Nut, Conduit	
13	3311405	5	Nut 1/4	
14	4010408	6	Screw M4 x 16	
15	4460422	1	Terminal, Strain Relief	
16	4460968	1	Connector, Strain Relief **(SN 0200239053 through 0200260027)**	
16	4460662	1	Connector, Strain Relief **(SN 0200260028 to Present)**	
17	4461202	1	Plug, Male **(SN 0200239052 through 0200256565)**	
17	4461205	1	Plug, Male **(SN 0200256566 to Present)**	
18	4711400	5	Washer 1/4	
19	4751400	2	Washer 1/4	
20	4811400	4	Washer M4	
21	0641406	2	Bolt 1/4 x 3/4	
22	1001091102	4	Washer M4	
23	1001094915	1	Bracket	

FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 SIDE GROUND 2X4 BOX) (CE SPEC ONLY)

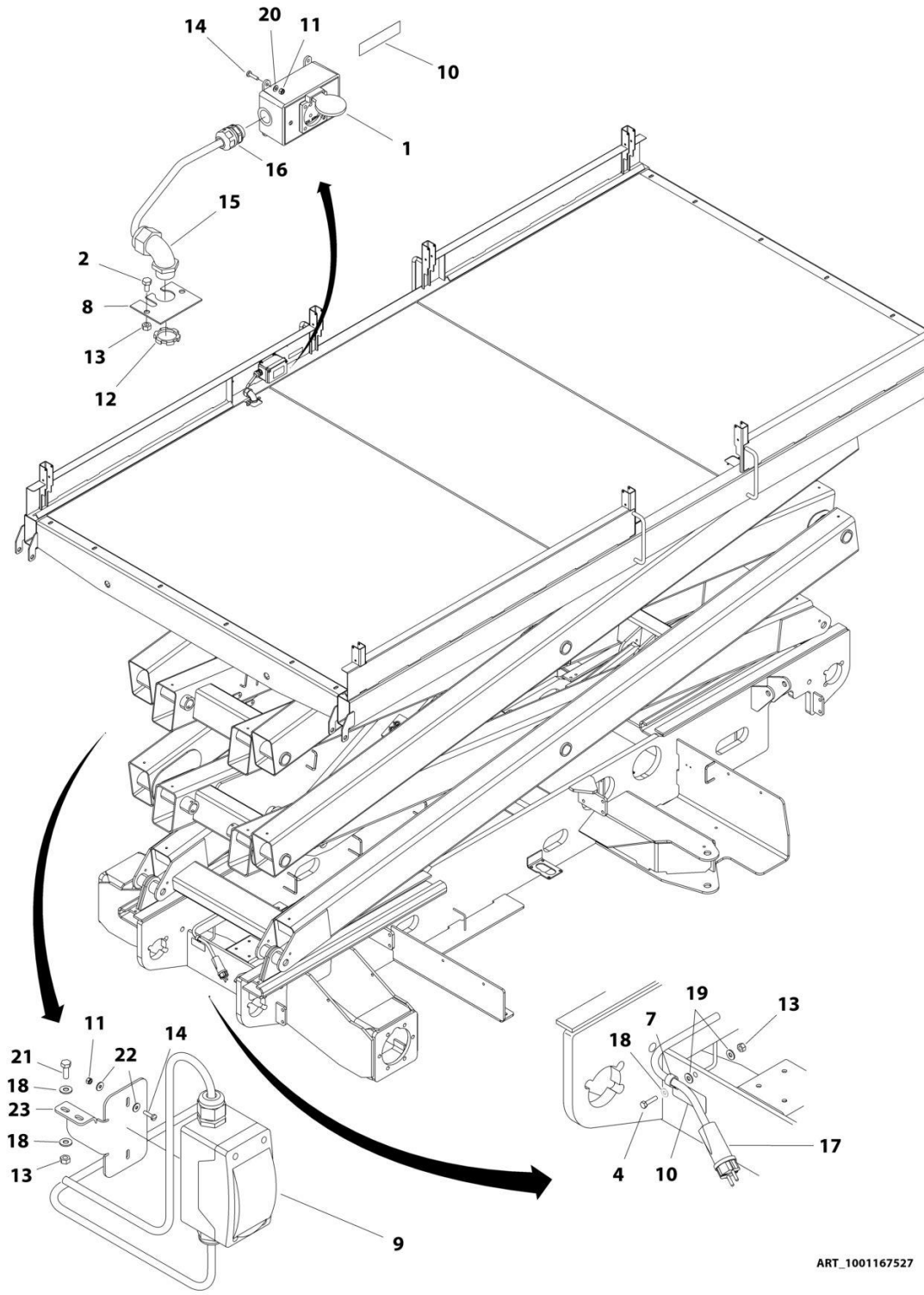


FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 SIDE GROUND 2X4 BOX) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167527	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 SIDE GROUND,2X4 BOX) (CE SPEC ONLY)	E
1	0275453	1	Receptacle Box Kit (See RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE SPEC) for Breakdown)	
2	0641404	2	Bolt 1/4 x 1/2	
4	0641409	1	Bolt 1/4 x 1-1/8	
7	1320224	1	Clamp	
8	1670988	1	Cover, Cable Access	
9	2902549	1	Breaker Box Kit (See BREAKER BOX KIT (CE SPEC) for Breakdown)	
10	3252507	2	Decal - AC Power (220V-50/60Hz)	
11	3290405	6	Nut M4	
12	3300048	1	Nut, Conduit	
13	3311405	5	Nut 1/4	
14	4010408	6	Screw M4 x 16	
15	4460422	1	Terminal, Strain Relief	
16	4460968	1	Connector, Strain Relief **(SN 0200239053 through 0200260027)**	
16	4460662	1	Connector, Strain Relief **(SN 0200260028 to Present)**	
17	4461205	1	Plug, Male	
18	4711400	5	Washer 1/4	
19	4751400	2	Washer 1/4	
20	4811400	4	Washer M4	
21	0641406	2	Bolt 1/4 x 3/4	
22	1001091102	4	Washer M4	
23	1001094915	1	Bracket	

FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 POST GROUND 70X70 BOX) (CE SPEC ONLY)

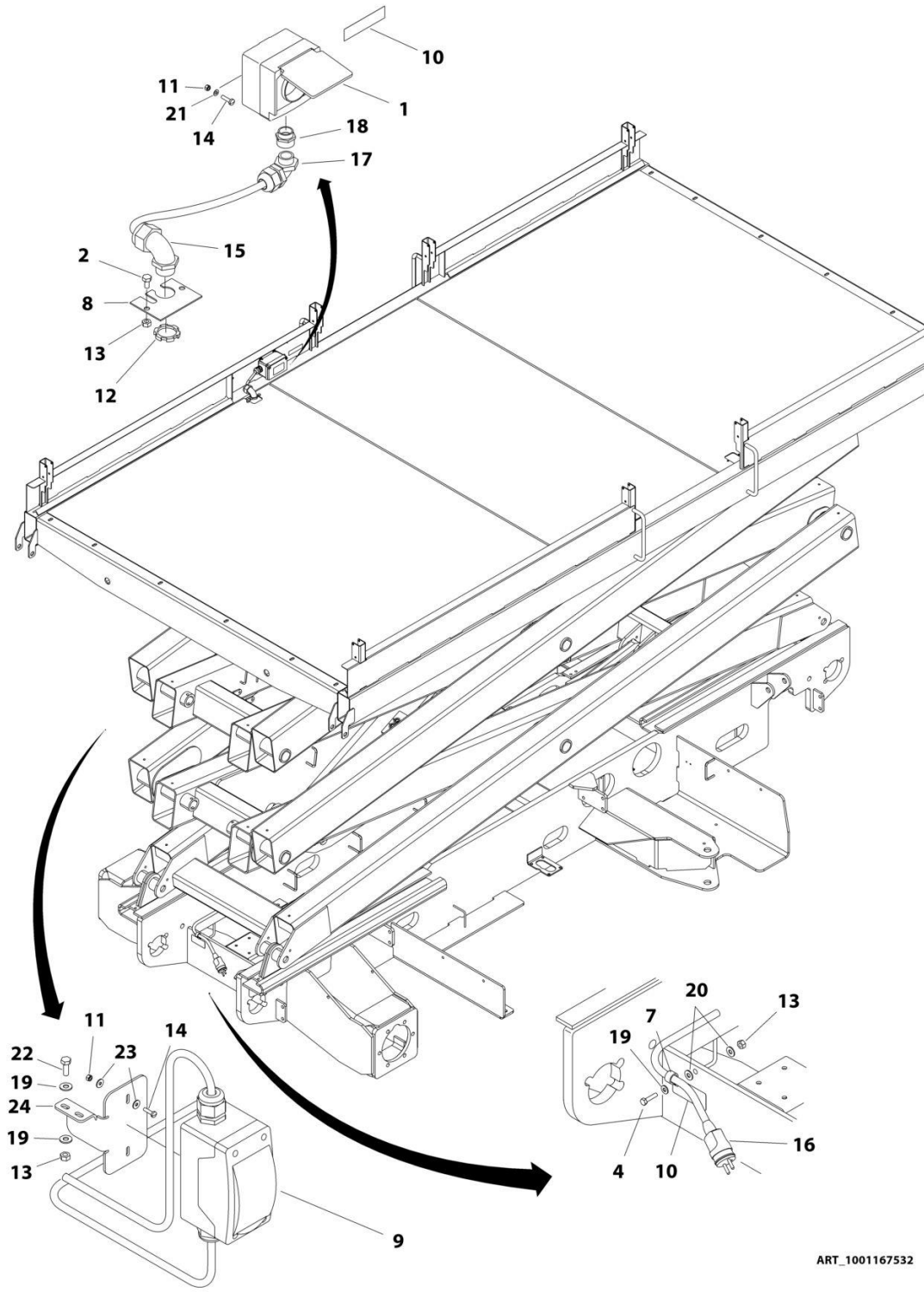


FIGURE 8-10. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 POST GROUND 70X70 BOX) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167532	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 POST GROUND 70X70 BOX) (CE SPEC ONLY)	E
1	0275218	1	Receptacle Box Kit (See RECEPTACLE BOX KIT - CEE7 POST GROUND 70X70 BOX (CE SPEC) for Breakdown)	
2	0641404	2	Bolt 1/4 x 1/2	
4	0641409	1	Bolt 1/4 x 1-1/8	
7	1320224	1	Clamp	
8	1670988	1	Cover, Cable Access	
9	2902549	1	Breaker Box Kit (See BREAKER BOX KIT (CE SPEC) for Breakdown)	
10	3252507	2	Decal - AC Power (220V-50/60Hz)	
11	3290405	4	Nut M4	
12	3300048	1	Nut, Conduit	
13	3311405	5	Nut 1/4	
14	4010408	4	Screw M4 x 16	
15	4460422	1	Terminal, Strain Relief	
16	4461202	1	Plug, Male **(SN 0200239052 through 0200256565)**	
16	4461205	1	Plug, Male **(SN 0200256566 to Present)**	
17	4461257	1	Connector, Strain Relief	
18	4461258	1	Adapter	
19	4711400	5	Washer 1/4	
20	4751400	2	Washer 1/4	
21	4811400	2	Washer M4	
22	0641406	2	Bolt 1/4 x 3/4	
23	1001091102	4	Washer M4	
24	1001094915	1	Bracket	

FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 SIDE GROUND 70X70 BOX) (CE SPEC ONLY)

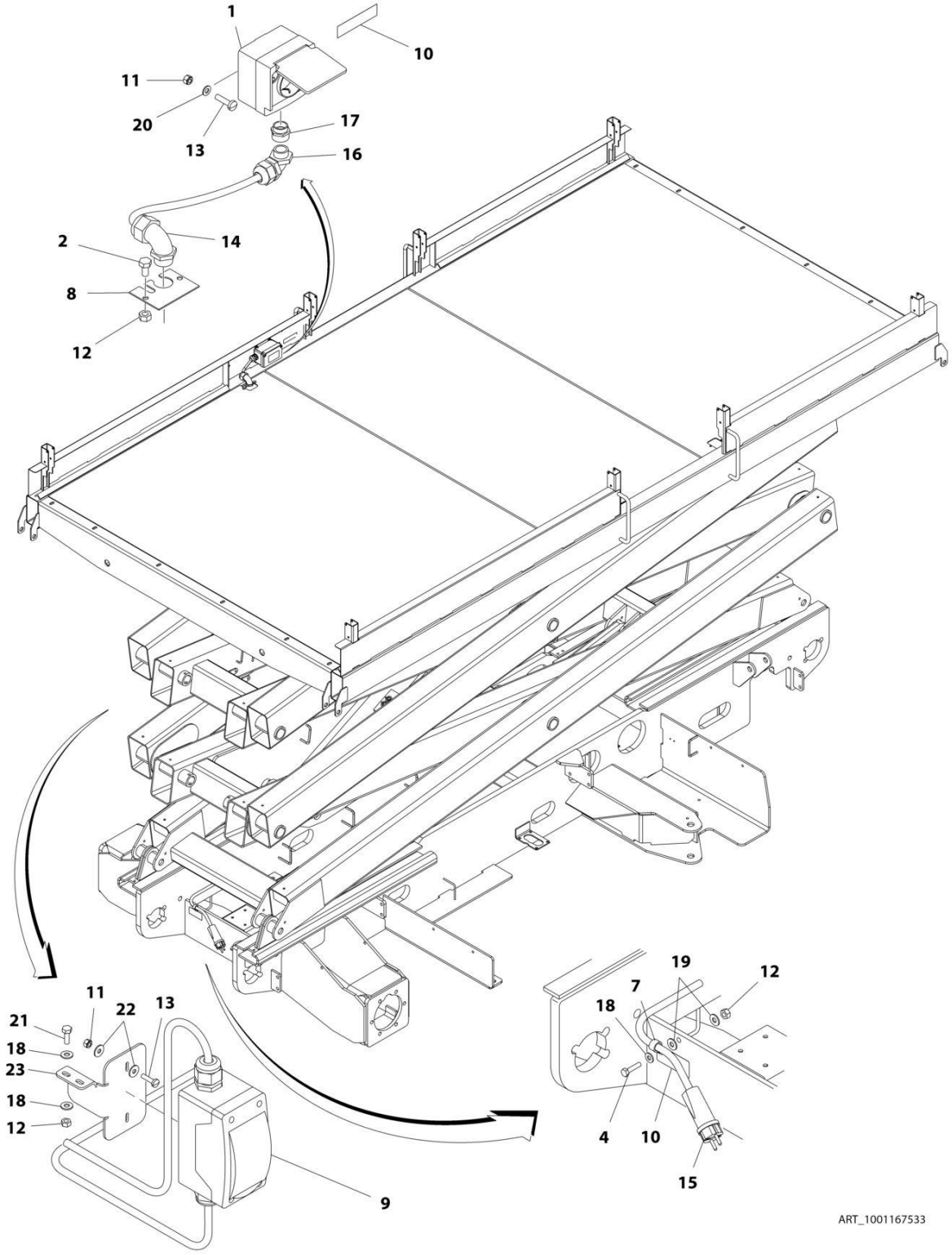


FIGURE 8-11. AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 SIDE GROUND 70X70 BOX) (CE SPEC ONLY)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001167533	Ref	AC BOX AT PLATFORM INSTALLATION - 220V (CEE7 SIDE GROUND 70X70 BOX) (CE SPEC ONLY)	D
1	0275219	1	Receptacle Box Kit (See RECEPTACLE BOX KIT - CEE7 SIDE GROUND 70X70 BOX (CE SPEC) for Breakdown)	
2	0641404	2	Bolt 1/4 x 1/2	
4	0641409	1	Bolt 1/4 x 1-1/8	
7	1320224	1	Clamp	
8	1670988	1	Cover, Cable Access	
9	2902549	1	Breaker Box Kit (See BREAKER BOX KIT (CE SPEC) for Breakdown)	
10	3252507	2	Decal - AC Power (220V-50/60Hz)	
11	3290405	4	Nut M4	
12	3311405	5	Nut 1/4	
13	4010408	4	Screw M4 x 16	
14	4460422	1	Terminal, Strain Relief	
15	4461205	1	Plug, Male	
16	4461257	1	Connector, Strain Relief	
17	4461258	1	Adapter	
18	4711400	5	Washer 1/4	
19	4751400	2	Washer 1/4	
20	4811400	2	Washer M4	
21	0641406	2	Bolt 1/4 x 3/4	
22	1001091102	4	Washer M4	
23	1001094915	1	Bracket	

FIGURE 8-12. AC CORD ASSEMBLY - 2000W & 3500W

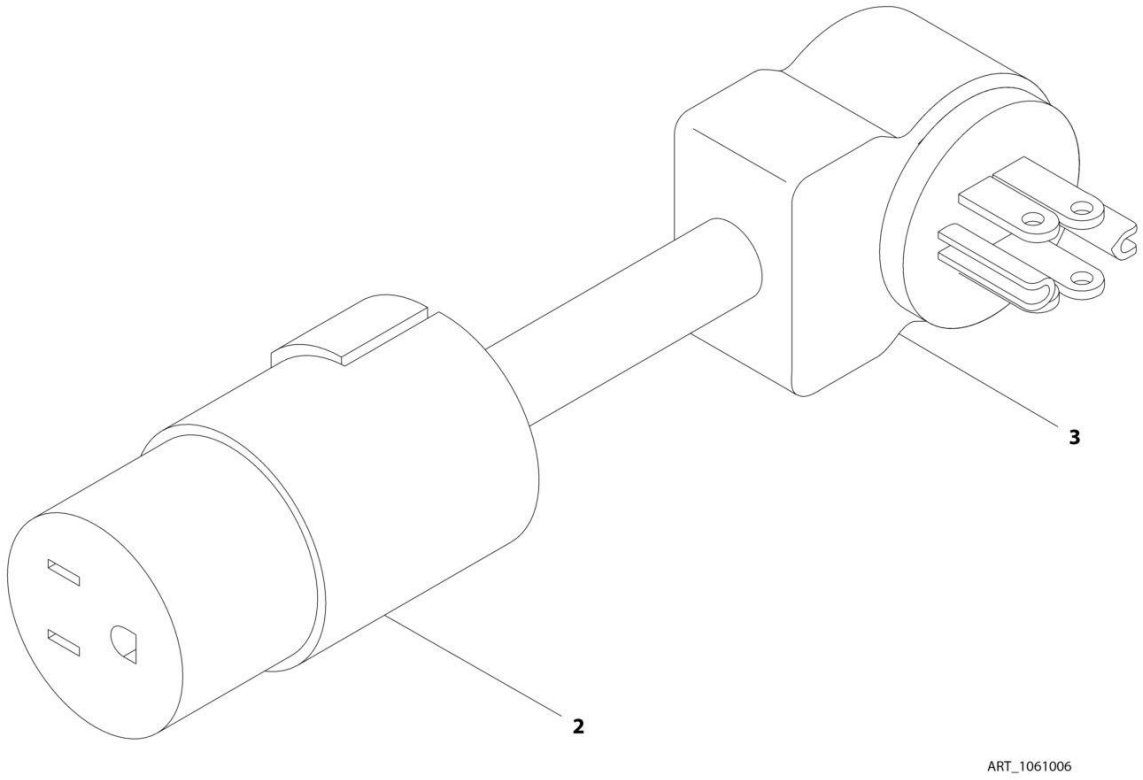


FIGURE 8-12. AC CORD ASSEMBLY - 2000W & 3500W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1061006	Ref	AC CORD ASSEMBLY - 2000W & 3500W	A
2	4460779	1	Receptacle, Female	
3	4460858	1	Plug, 90 Male	

FIGURE 8-13. BEACON HARNESS ASSEMBLY (OPTIONAL)

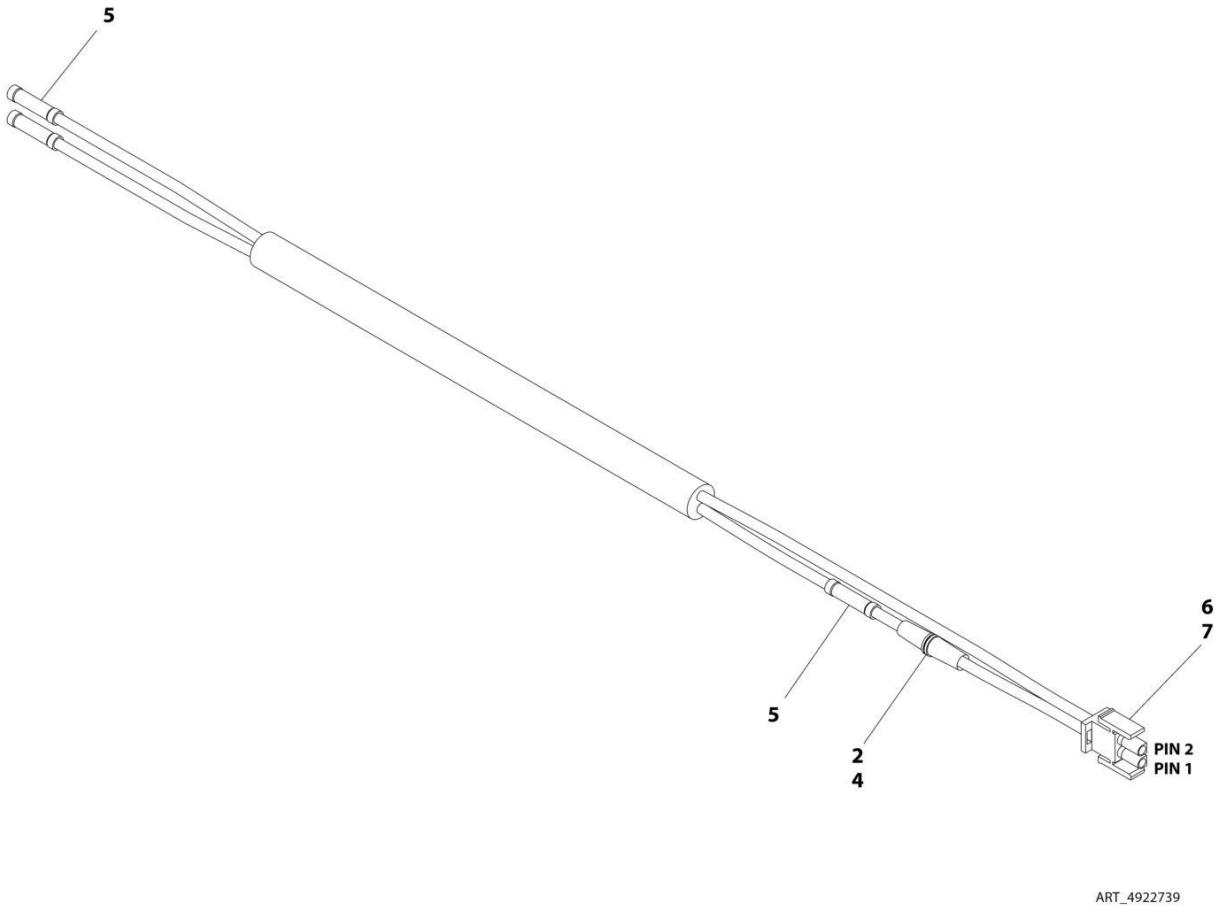


FIGURE 8-13. BEACON HARNESS ASSEMBLY (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922739	Ref	BEACON HARNESS ASSEMBLY (OPTIONAL)	B
2	2400056	1	Fuse - 5Amp	
4	4460044	1	Fuseholder	
5	4460248	3	Terminal	
6	4460267	2	Pin, Male	
7	4460320	1	Connector - 2 Position	

FIGURE 8-14. BREAKER BOX KIT (CE SPEC)

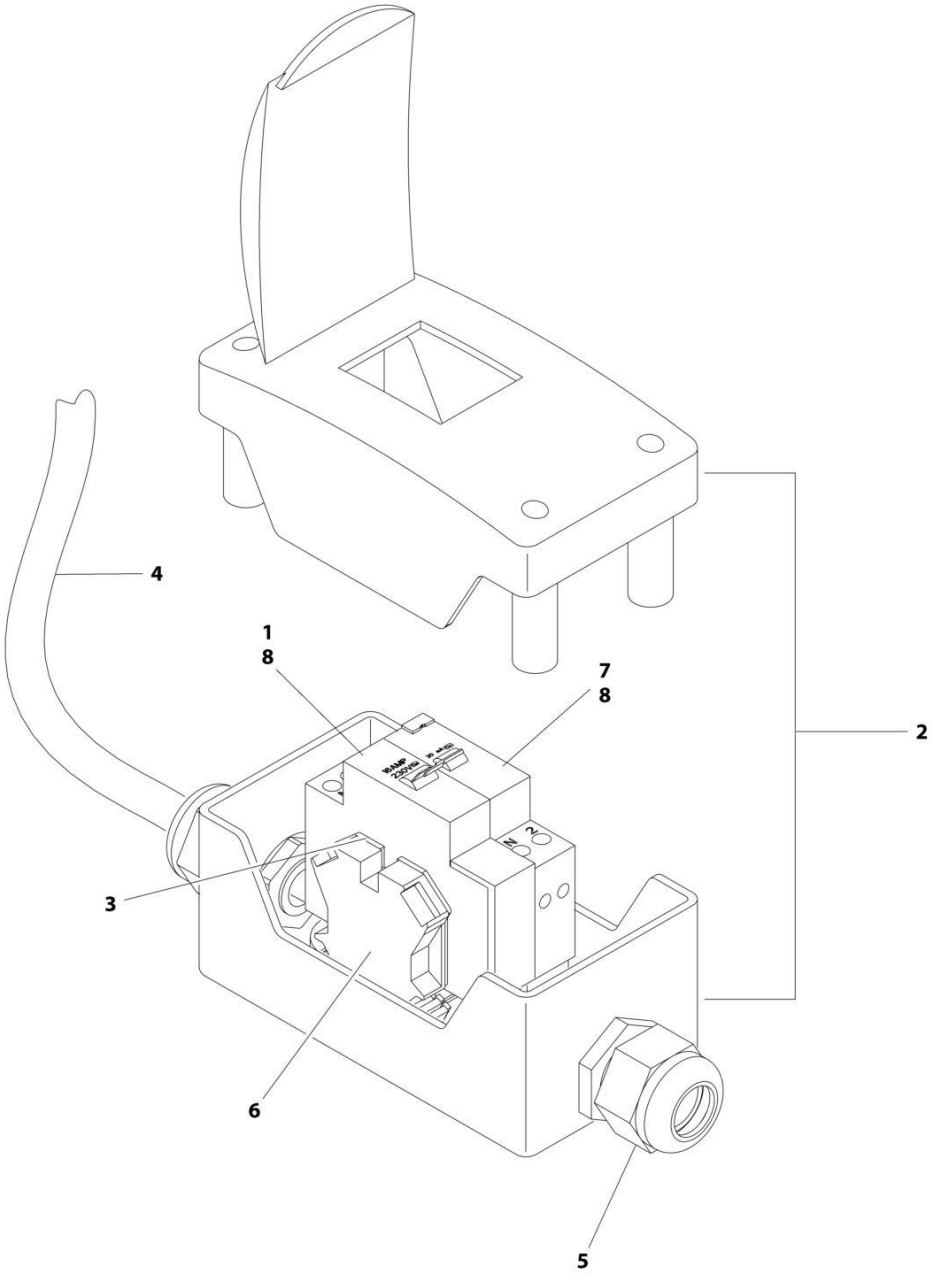


FIGURE 8-14. BREAKER BOX KIT (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902549	Ref	BREAKER BOX KIT (CE SPEC)	E
1	1001109475	NLA	Breaker 16Amp (Use p/n 1001181045) **(SN 0200239053 through 0200245688)**	
2	0861880	1	Box, Breaker	
3	4460956	1	Barrier, Terminal	
4	1060908	6 ft /1.83m	Cable, Electrical 12/3	
5	1001097150	2	Connector, Strain Relief	
6	4460957	1	Block, Terminal	
7	1001109482	NLA	Breaker 30mAmp (Use p/n 1001181045) **(SN 0200239053 through 0200246688)**	
8	1001181045	1	Breaker 16Amp/30mAmp Combination **(SN 0200246689 to Present)**	

FIGURE 8-15. CONSOLE BOX HARNESS

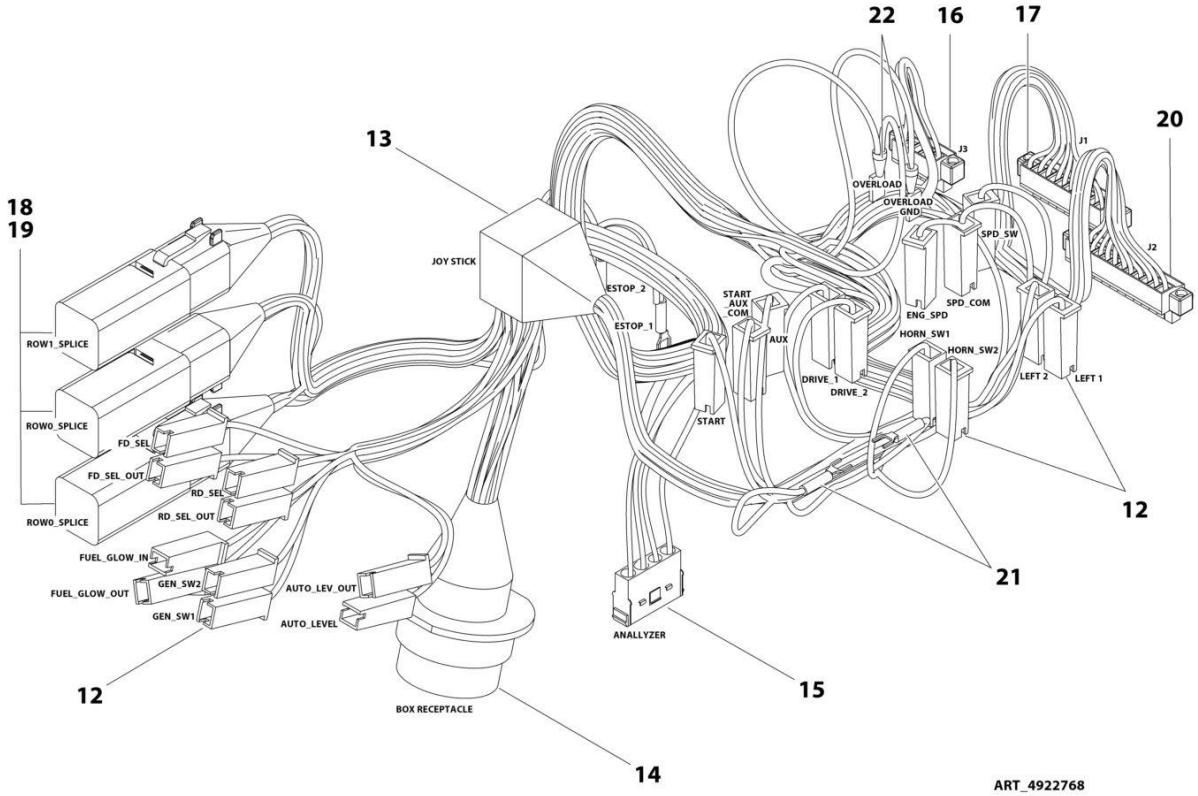


FIGURE 8-15. CONSOLE BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922768	Ref	CONSOLE BOX HARNESS	B
12	4460260	22	Terminal, Housing	
12	4460259	22	Terminal	
13	4460266	1	Connector - 9 Position	
13	4460267	8	Pin, Male	
14	4460480	1	Connector - 23 Position	
14	4460465	21	Socket, Female	
15	4460761	1	Connector - 4 Position	
15	4460267	4	Pin, Male	
16	4460817	1	Terminal, Male - 5 Position	
17	4460818	1	Terminal, Male - 10 Position	
18	4460892	3	Terminal, Buss Bar - 6 Position	
18	4460894	3	Connector - 6 Position	
18	4460465	15	Socket, Female	
20	4460895	1	Terminal, Male - 12 Position	
21	4460183	4	Terminal, Ring	
22	4460016	2	Terminal, Receptacle	
26	4240032	57	Tie-Strap (Not Shown)	

FIGURE 8-16. ENGINE AND VALVE HARNESS - DEUTZ ENGINE MACHINES

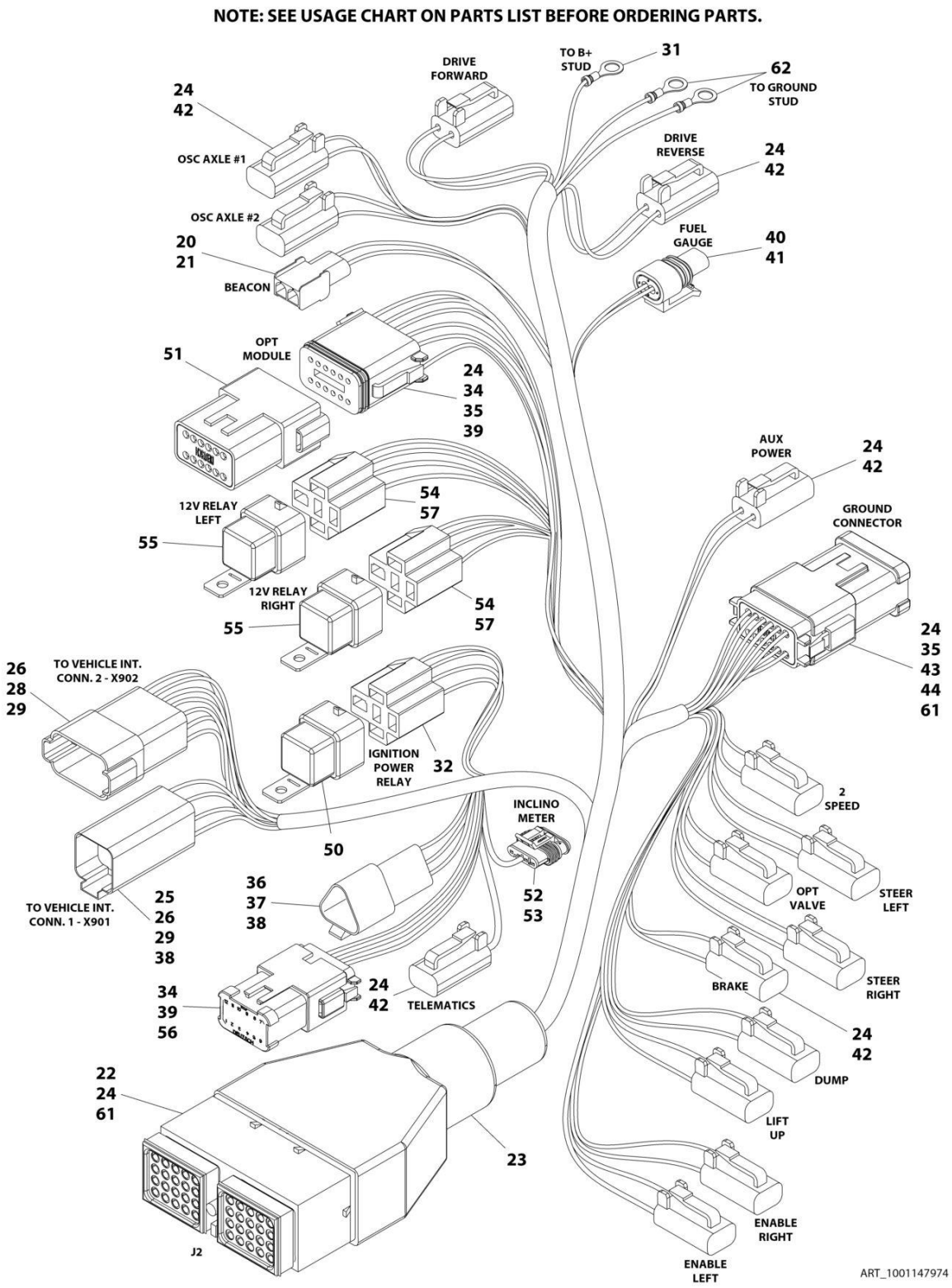


FIGURE 8-16. ENGINE AND VALVE HARNESS - DEUTZ ENGINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- Machines with Deutz D2011 Engines with Power Options Module ANSI Export and Australian Spec **(SN 0200239053 through 0200241795)**	
		Ref	- Machines with Deutz D2011 Engines without Power Options Module CE Spec **(SN 0200239053 through 0200241795)**	
		Ref	- Machines with Deutz D2011 Engines with Power Options Module CE Spec **(SN 0200239053 through 0200241795)**	
		Ref	- Machines with Deutz D2011 Engines with Low Temperature Cutout **(SN 0200239053 through 0200246032)**	
		Ref	- Machines with Deutz D2.9L4 Engines	
	1001147974	Ref	ENGINE AND VALVE HARNESS - DEUTZ ENGINE MACHINES	K
20	4460424	1	Connector, Female - 2 Position	
21	4460268	2	Socket, Female	
22	4460814	1	Connector - 40 Position	
23	0840057	1	Boot, Terminal	
24	4460465	AR	Socket, Female	
25	4460899	1	Connector, Male - 6 Position	
26	4460464	7	Pin, Male	
28	4460931	1	Connector, Male - 8 Position	
29	4460466	AR	Seal, Plug	
31	4460670	AR	Terminal, Eyelet	
32	4460741	1	Plug, Male Relay **(SN 0200239053 through 0200240770)**	
32	4460374	1	Plug, Male Relay **(SN 0200240771 to Present)**	
32	4460420	4	Terminal, Female **(SN 0200239053 through 0200240770)**	
32	1001116732	2	Terminal **(SN 0200240771 to Present)**	
32	1001116734	2	Terminal **(SN 0200246392 to Present)**	
34	4460933	AR	Connector - 12 Position	
35	0840055	2	Boot, Terminal	
36	4460539	1	Connector - 3 Position **(SN 0200239053 through 0200240770)**	
37	4460536	1	Connector - 3 Position **(SN 0200239053 through 0200246391)**	
38	4460943	AR	Pin, Male	
39	4460944	AR	Socket, Female **(SN 0200240771 to Present)**	
40	4460955	1	Connector - 2 Position	
41	4460842	2	Terminal, Female	
42	4460891	15	Connector - 2 Position	
43	4460836	1	Connector - 12 Position	
44	4460837	1	Connector, Buss Bar - 12 Position	
47	4240032	AR	Tie-Strap (Not Shown)	
48	4240033	AR	Tie-Strap (Not Shown)	
50	3740049	1	Relay **(SN 0200239053 through 0200240770)**	
50	3740080	1	Relay **(SN 0200240771 to Present)**	
51	4460970	1	Receptacle, Female	
52	1001103012	1	Connector - 4 Position **(SN 0200246392 to Present)**	
53	1001107854	4	Socket, Female **(SN 0200246392 to Present)**	
54	4460375	8	Terminal **(SN 0200246392 to Present)**	
55	3740080	2	Relay **(SN 0200246392 to Present)**	
56	1001119020	1	Connector, Buss Bar - 12 Position **(SN 0200246392 to Present)**	
57	4460374	2	Plug, Relay **(SN 0200246392 to Present)**	
61	4460942	6	Socket, Female **(SN 0200254131 to Present)**	
62	4460738	2	Terminal, Eyelet **(SN 0200254131 to Present)**	

FIGURE 8-17. ENGINE AND VALVE HARNESS - DEUTZ ENGINE MACHINES

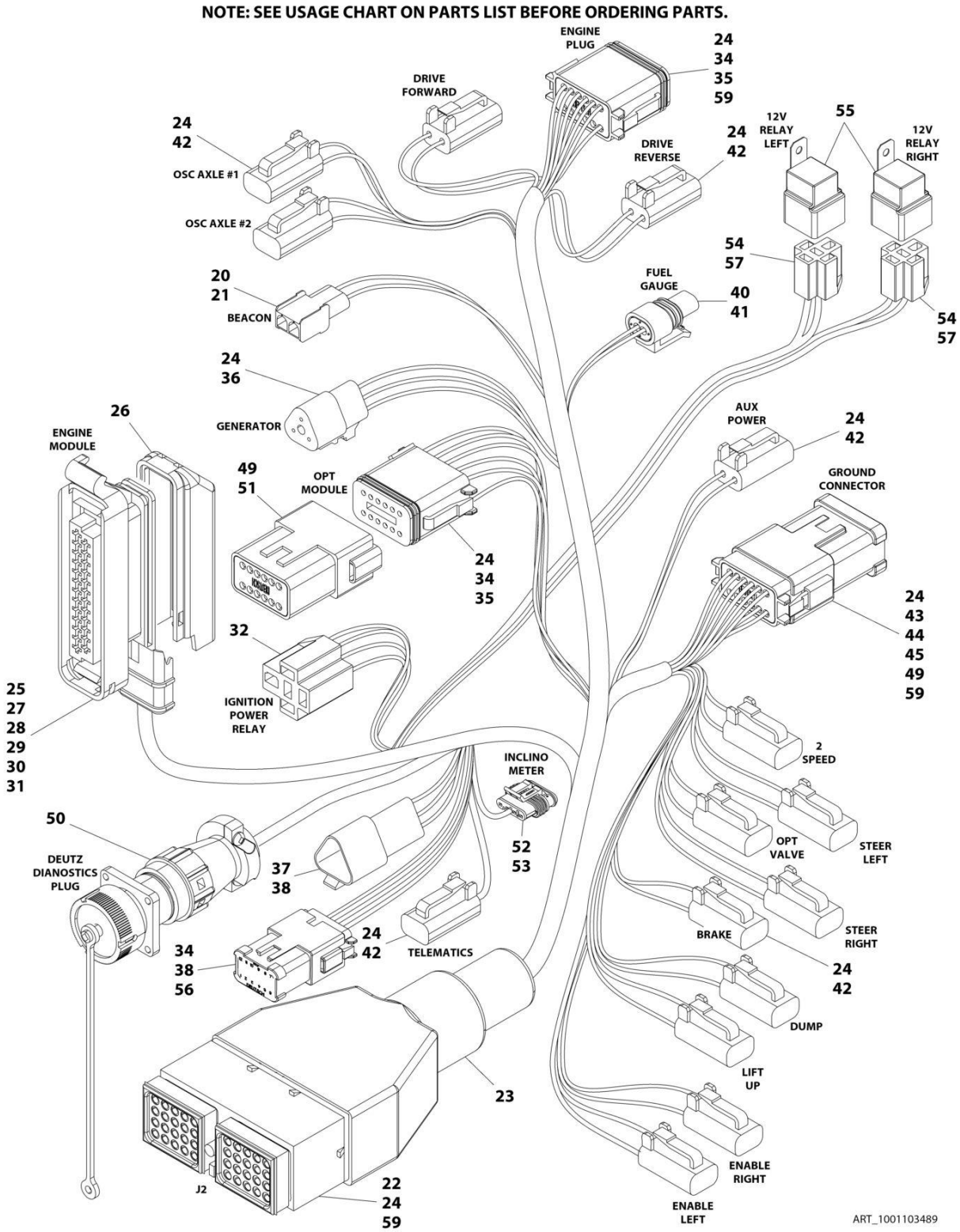


FIGURE 8-17. ENGINE AND VALVE HARNESS - DEUTZ ENGINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- Machines with Deutz D2011 Engines without Power Options Module ANSI Export and Australian Spec **(SN 0200239053 to Present)**	
		Ref	- Machines with Deutz D2011 Engines with Power Options Module ANSI Export and Australian Spec **(SN 0200241796 to Present)**	
		Ref	- Machines with Deutz D2011 Engines without Power Options Module CE Spec **(SN 0200241796 to Present)**	
		Ref	- Machines with Deutz D2011 Engines with Power Options Module CE Spec **(SN 0200241796 to Present)**	
		Ref	- Machines with Deutz D2011 Engines with Low Temperature Cutout **(SN 0200246033 to Present)**	
	1001103489	Ref	ENGINE AND VALVE HARNESS - DEUTZ ENGINE MACHINES	I
20	4460424	1	Connector, Female - 2 Position	
21	4460268	2	Socket, Female	
22	4460814	1	Connector - 40 Position	
23	0840057	1	Boot, Terminal	
24	4460465	AR	Socket, Female	
25	4461052	1	Connector - 25 Position	
26	4461053	1	Cover, Plug	
27	4461005	5	Terminal (Gold)	
28	4461006	5	Seal, Terminal	
29	4461060	2	Terminal (Tin)	
30	4461054	2	Seal, Terminal	
31	4461008	18	Plug, Hole	
32	4460741	1	Plug, Male Relay	
32	4460420	4	Terminal, Female	
34	4460933	3	Connector - 12 Position	
35	0840055	2	Boot, Terminal	
36	4460539	1	Connector - 3 Position	
37	4460536	1	Connector 3- Position **(SN 0200239053 through 0200241795)**	
38	4460943	AR	Pin, Male **(SN 0200239053 through 0200254130)**	
38	4460944	AR	Socket, Female **(SN 0200254131 to Present)**	
40	4460955	1	Connector - 2 Position	
41	4460842	2	Terminal, Female	
42	4460891	15	Connector - 2 Position	
43	4460836	1	Connector - 12 Position	
44	4460837	1	Connector, Buss Bar - 12 Position	
45	0840055	1	Boot, Terminal	
47	4240032	AR	Tie-Strap (Not Shown)	
48	4240033	AR	Tie-Strap (Not Shown)	
49	4460466	AR	Plug, Sealing	
50	2902443	1	Receptacle Kit	
50	4461071	8	Socket, Female	
50	4461072	1	Receptacle	
50	4461073	1	Cap, Dust	
50	4461074	1	Shell, Black	
51	4460970	1	Receptacle, Female	
52	1001103012	1	Connector - 4 Position **(SN 0200241796 to Present)**	
53	1001107854	4	Socket, Female **(SN 0200241796 to Present)**	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	4460375	8	Terminal **(SN 0200241796 to Present)**	
55	3740080	2	Relay **(SN 0200241796 to Present)**	
56	1001119020	1	Connector, Buss Bar - 12 Position **(SN 0200241796 to Present)**	
57	4460374	2	Plug, Relay **(SN 0200241796 to Present)**	
59	4460942	9	Socket, Female **(SN 0200254131 to Present)**	

FIGURE 8-18. ENGINE AND VALVE HARNESS - GM ENGINE MACHINES

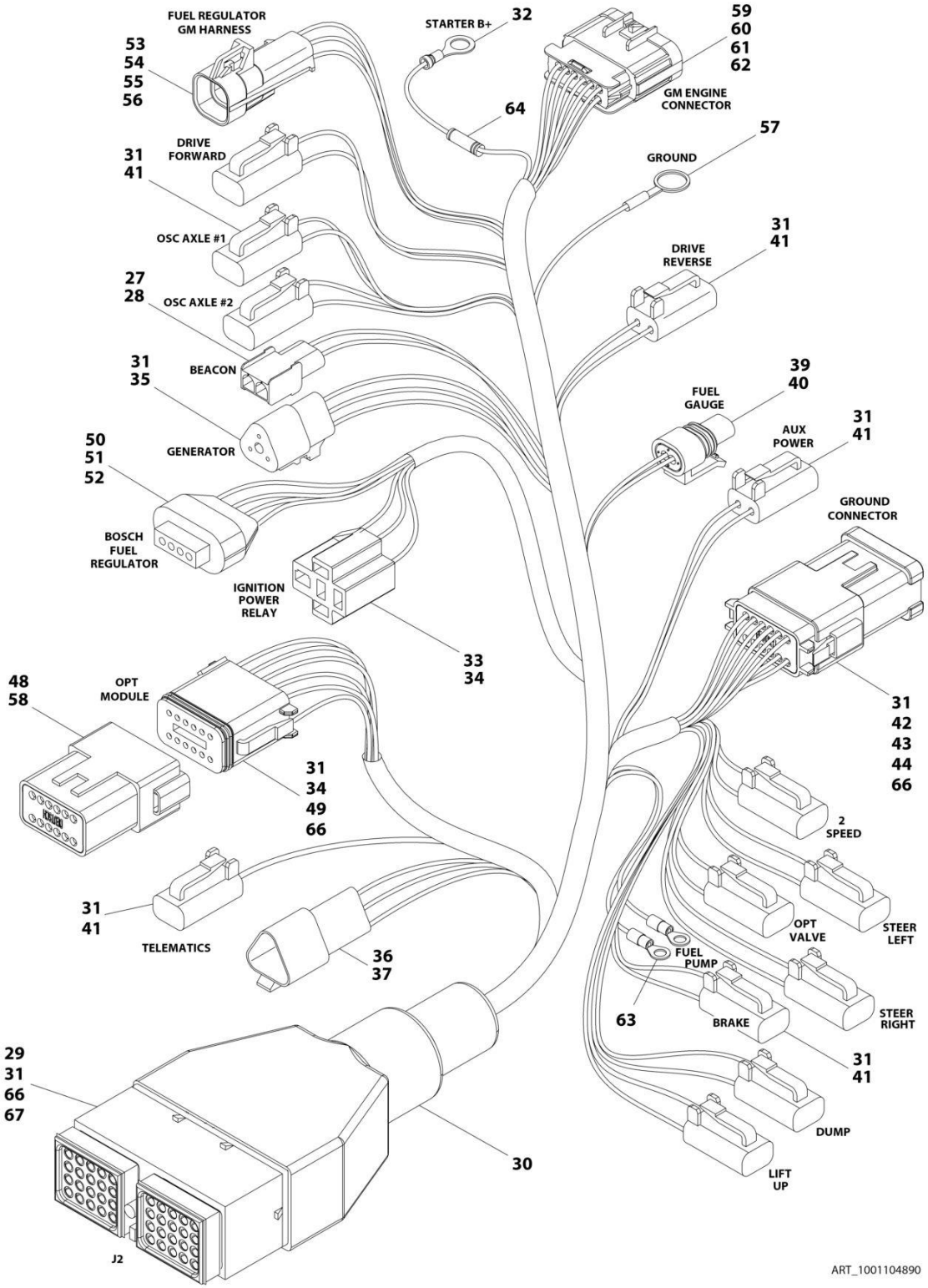


FIGURE 8-18. ENGINE AND VALVE HARNESS - GM ENGINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001104890	Ref	ENGINE AND VALVE HARNESS - GM ENGINE MACHINES	G
27	4460424	1	Connector, Female - 2 Position	
28	4460268	2	Socket, Female	
29	4460814	1	Connector - 40 Position	
30	0840057	1	Boot, Terminal	
31	4460465	69	Socket, Female	
32	4460738	1	Terminal, Eyelet	
33	4460374	1	Plug, Male Relay	
34	4460375	4	Terminal, Female	
35	4460539	1	Plug, Male	
36	4460536	1	Connector 3- Position	
37	4460943	3	Pin, Male	
39	4460955	1	Connector - 2 Position	
40	4460842	2	Terminal, Female	
41	4460891	13	Connector - 2 Position	
42	4460836	1	Connector - 12 Position	
43	4460837	1	Connector, Buss Bar - 12 Position	
44	0840055	2	Boot, Terminal	
46	4240032	AR	Tie-Strap (Not Shown)	
47	4240033	AR	Tie-Strap (Not Shown)	
48	4460466	12	Plug, Sealing	
49	4460933	1	Connector - 12 Position	
50	4461121	1	Connector, Male 4 - Position	
51	4461122	4	Terminal, Female **(SN 0200239053 through 0200250623)**	
51	1001126484	4	Terminal, Female **(SN 0200250624 to Present)**	
52	4461123	4	Seal **(SN 0200239053 through 0200250263)**	
52	1001126485	4	Seal **(SN 0200250264 to Present)**	
53	4461124	1	Connector, Male 4 - Position	
54	4460693	4	Terminal, Male	
55	4460608	4	Seal	
56	4461161	1	Terminal, Lock	
57	4460019	1	Terminal, Eyelet	
58	4460970	1	Receptacle, Female	
59	4461109	1	Connector - 16 Position	
60	4461111	7	Pin, Male	
61	4461113	7	Seal, Terminal	
62	4461222	9	Terminal, Cavity Plug	
63	4460313	2	Terminal, Eyelet	
64	4460474	1	Terminal, Butt	
66	4460942	6	Socket, Female **(SN 0200254131 to Present)**	
67	4460944	6	Socket, Female **(SN 0200254131 to Present)**	

FIGURE 8-19. ENGINE HARNESS - DEUTZ D2011 ENGINE

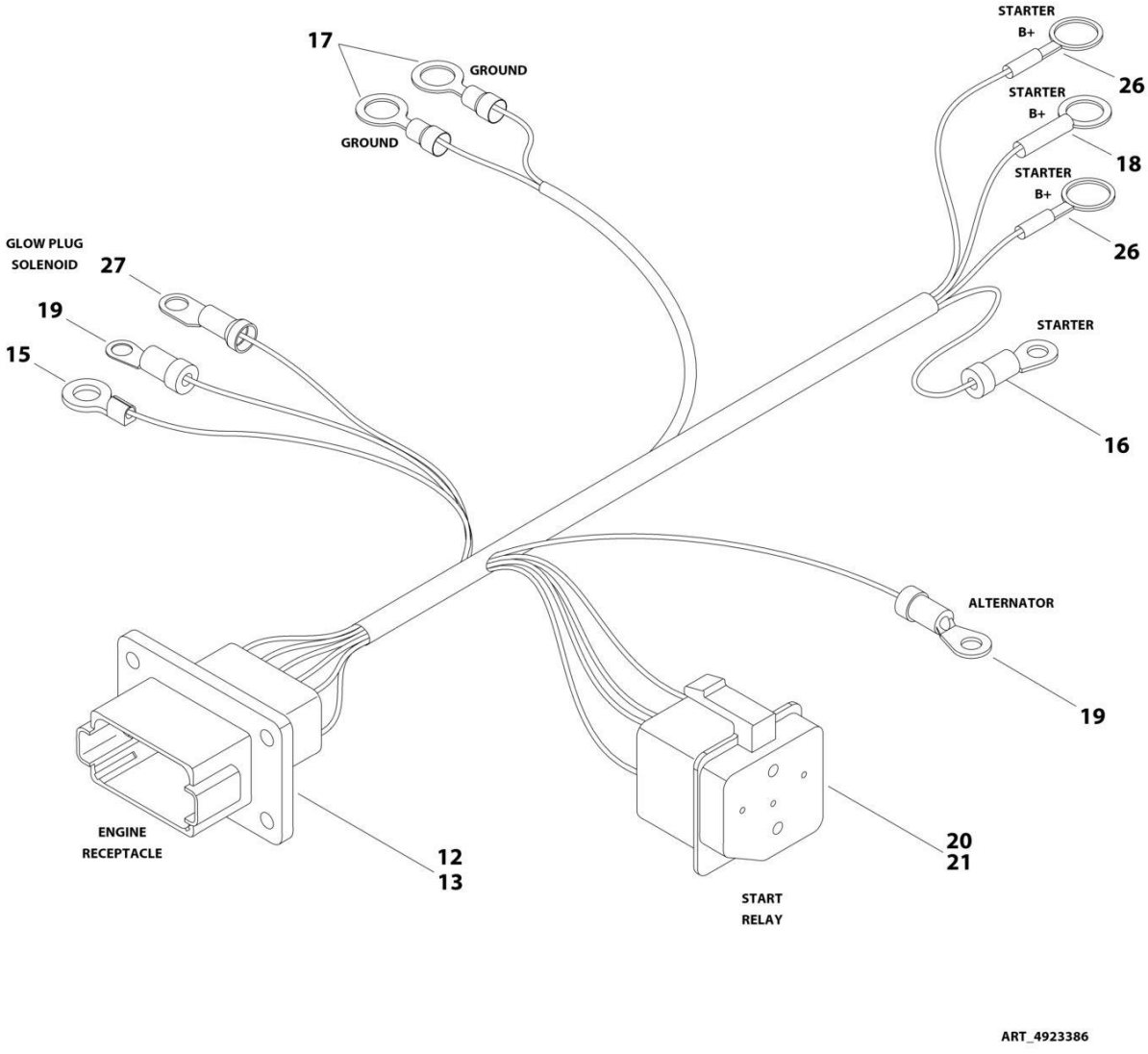


FIGURE 8-19. ENGINE HARNESS - DEUTZ D2011 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4923386	Ref	ENGINE HARNESS - DEUTZ D2011 ENGINE	A
12	4460939	1	Connector - 12 Position	
13	4460464	10	Pin, Male	
15	4460312	1	Terminal, Ring	
16	4460142	1	Terminal, Ring	
17	4460981	2	Terminal, Ring	
18	4460256	1	Terminal, Ring	
19	4460042	2	Terminal, Ring	
20	4460374	1	Plug, Male Relay	
21	4460375	4	Terminal, Female	
23	4240032	AR	Tie-Strap (Not Shown)	
24	4240033	AR	Tie-Strap (Not Shown)	
26	4460019	2	Terminal, Ring	
27	4461097	1	Terminal, Ring	

FIGURE 8-20. ENGINE HARNESS - DEUTZ D2.9L4 ENGINE

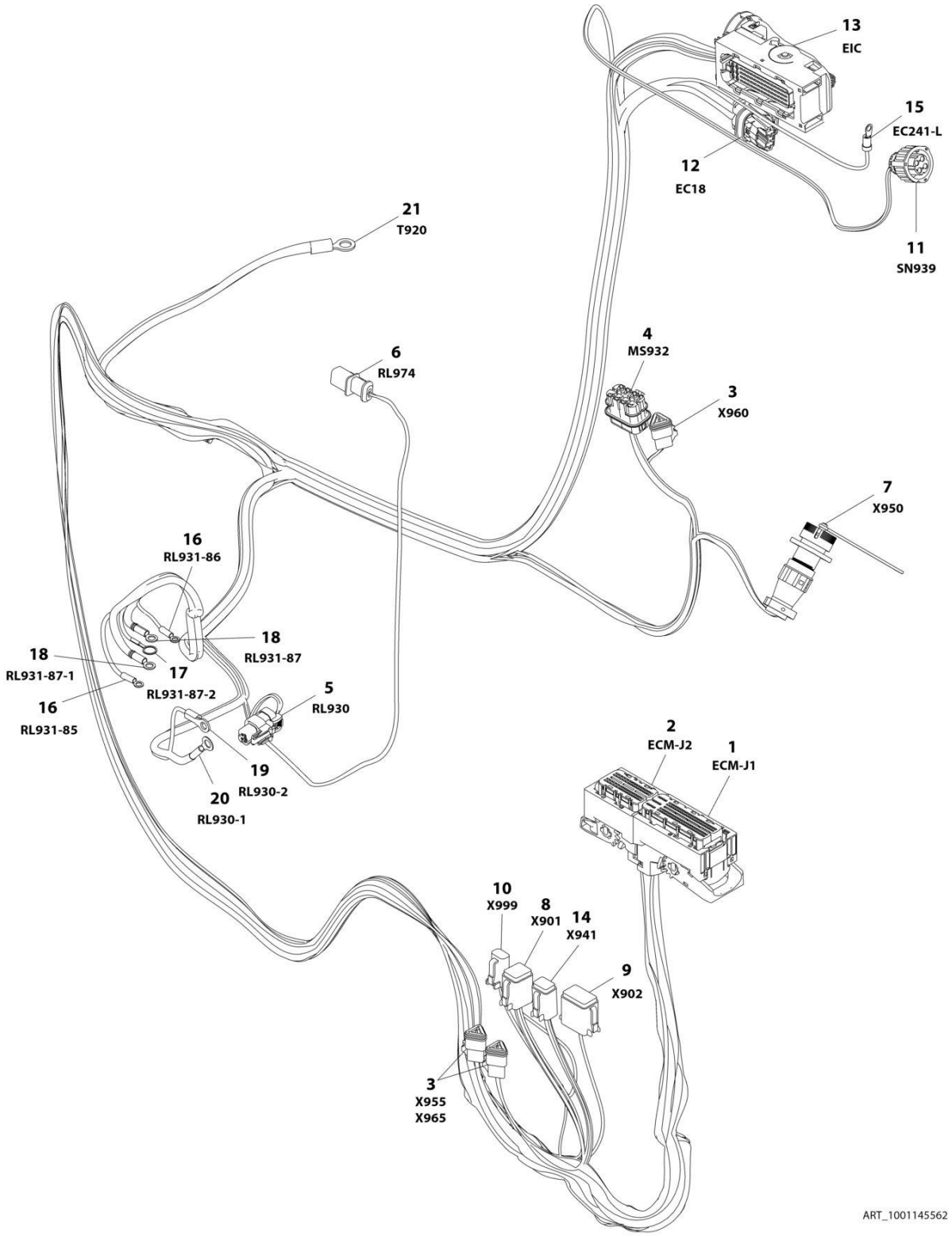


FIGURE 8-20. ENGINE HARNESS - DEUTZ D2.9L4 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001145562	Ref	ENGINE HARNESS - DEUTZ D2.9L4 ENGINE	G
1	1001133956	1	Connector (Includes Cover, Locks & Retention Plate)	
1	1001126352	6	Terminal	
1	1001126353	6	Seal, Terminal	
1	1001126384	21	Terminal	
1	1001126351	2	Terminal	
1	1001126356	63	Plug, Seal	
1	1001126357	2	Plug, Seal	
2	1001133957	1	Connector (Includes Cover, Locks & Retention Plate)	
2	1001126384	17	Terminal	
2	1001126351	13	Terminal	
2	1001126356	19	Plug, Seal	
2	1001126357	11	Plug, Seal	
3	4461070	3	Receptacle, Female With Resistor (3 Position)	
3	4461095	3	Plug, Male - 3 Position	
3	4460944	6	Socket, Female	
3	4460466	3	Seal, Plug	
4	80484084	1	Receptacle, Female - 8 Position	
4	8229242	1	Fuse - 5A	
4	80983191	1	Fuse - 10A	
4	1001147264	1	Cap	
4	1001116727	4	Plug	
4	1001116728	4	Terminal	
4	4460458	4	Seal	
5	1001116952	1	Plug, Male - 2 Position	
5	4460465	2	Socket, Female	
6	1001138110	1	Plug, Male - 2 Position	
6	1001138111	2	Socket, Female	
6	1001138113	2	Seal	
7	2902443	1	Kit, Receptacle	
7	4461071	8	Terminal, Female (Gold)	
7	4461072	1	Connector, Flange Mount	
7	4461073	1	Connector, Dust Cap	
7	4461074	1	Connector, Shell	
8	4460894	1	Plug, Male - 6 Position	
8	4460465	3	Socket, Female	
8	4460944	2	Socket, Female	
8	4460466	1	Seal, Plug	
9	4460930	1	Plug, Male - 8 Position	
9	4460465	1	Socket, Female	
9	4460466	7	Seal, Plug	
10	4460897	1	Receptacle, Female - 2 Position	
10	4460464	2	Pin, Male	
10	See Note	1	Resistor - 1.5K Ohm (Note: Not Available at Time of Printing)	
10	4460891	1	Plug, Male - 2 Position	
10	4460465	2	Socket, Female	
11	1001133714	1	Plug, Male - 4 Position	
11	1001133715	3	Terminal, Female	
11	1001135650	3	Seal	
11	1001135651	2	Cavity, Plug	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
12	1001142938	1	Plug, Male - 2 Position	
12	1001142940	2	Terminal, Female	
12	1001142941	2	Seal	
13	1001126362	1	Receptacle, Female - 62 Position	
13	1001126363	33	Terminal	
13	1001126364	33	Seal	
13	1001126391	23	Plug	
13	4461008	4	Plug, Cavity	
13	1001126365	2	Terminal	
13	4461054	2	Seal	
13	1001151856	1	Elbow, Conduit (Not Shown)	
14	4460884	1	Plug, Male - 4 Position **(SN 0200239053 through 0200260368)**	
14	1001220379	1	Plug, Male - 4 Position **(SN 0200260369 to Present)**	
14	4460465	2	Socket, Female	
14	4460942	2	Socket, Female	
14	4460932	1	Receptacle, Female - 4 Position (Not Shown)	
14	4460466	4	Plug, Terminal (Not Shown)	
15	4460042	1	Terminal, Ring	
16	4460247	2	Terminal, Ring	
17	4460703	1	Terminal, Ring	
18	1001117107	2	Terminal, Ring	
19	1001117106	1	Terminal, Ring	
20	4460043	1	Terminal, Ring	
21	8220115	1	Terminal, Ring	

FIGURE 8-21. FUEL HARNESS - DEUTZ D2.9L4 ENGINE

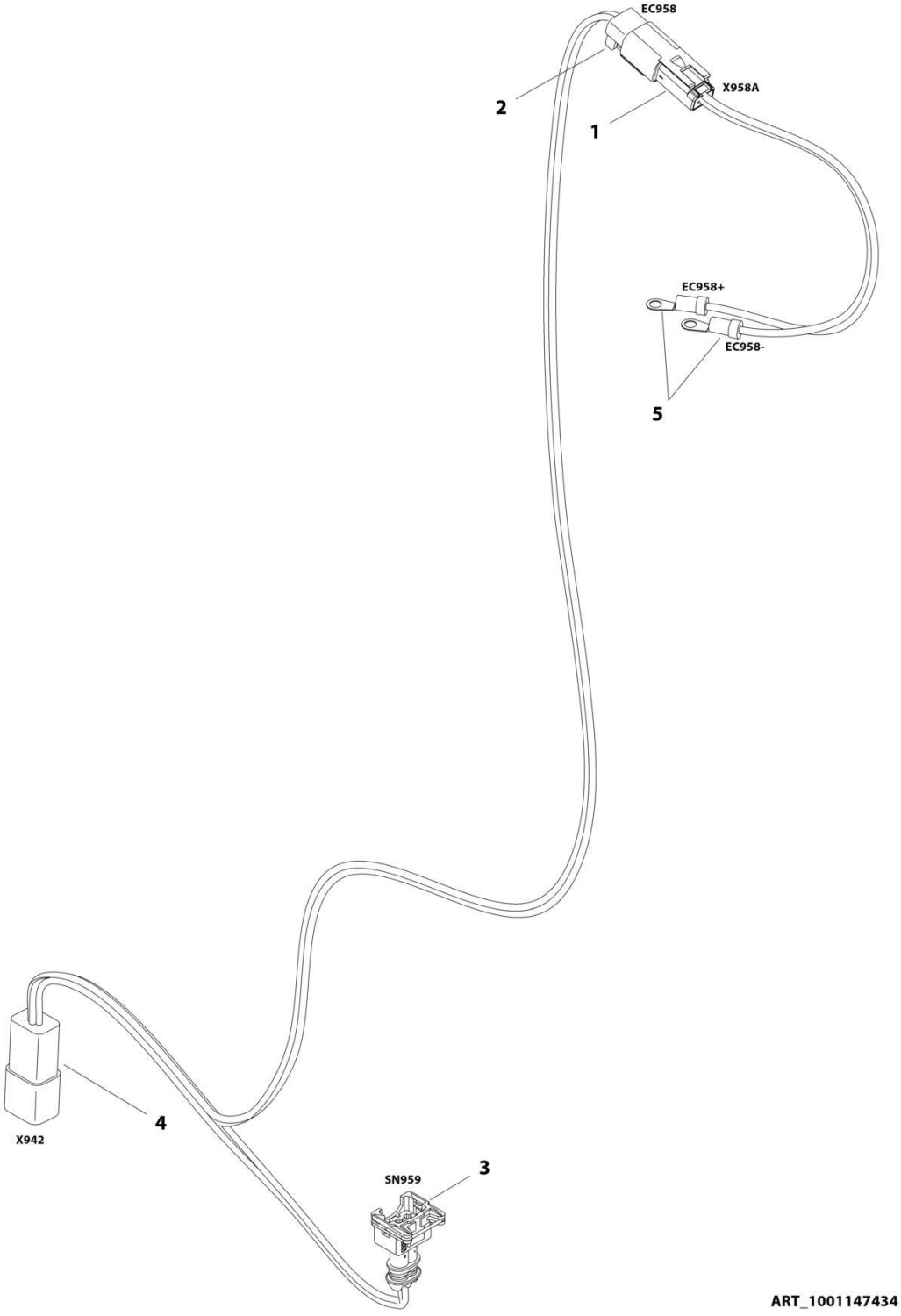


FIGURE 8-21. FUEL HARNESS - DEUTZ D2.9L4 ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001147434	Ref	FUEL HARNESS - DEUTZ D2.9L4 ENGINE	C
1	4460897	1	Receptacle, Female - 2 Position	
1	4460941	2	Pin, Male	
2	4460891	1	Plug, Male - 2 Position	
2	4460942	2	Socket, Female	
3	1001116983	1	Receptacle, Female - 2 Position	
3	1001116710	2	Terminal	
4	4460932	1	Receptacle, Female - 4 Position	
4	4460941	2	Pin, Male	
4	4460464	2	Pin, Male	
5	4460042	2	Terminal, Ring	

FIGURE 8-22. GENERATOR HARNESS - DEUTZ D2011 & GM ENGINES

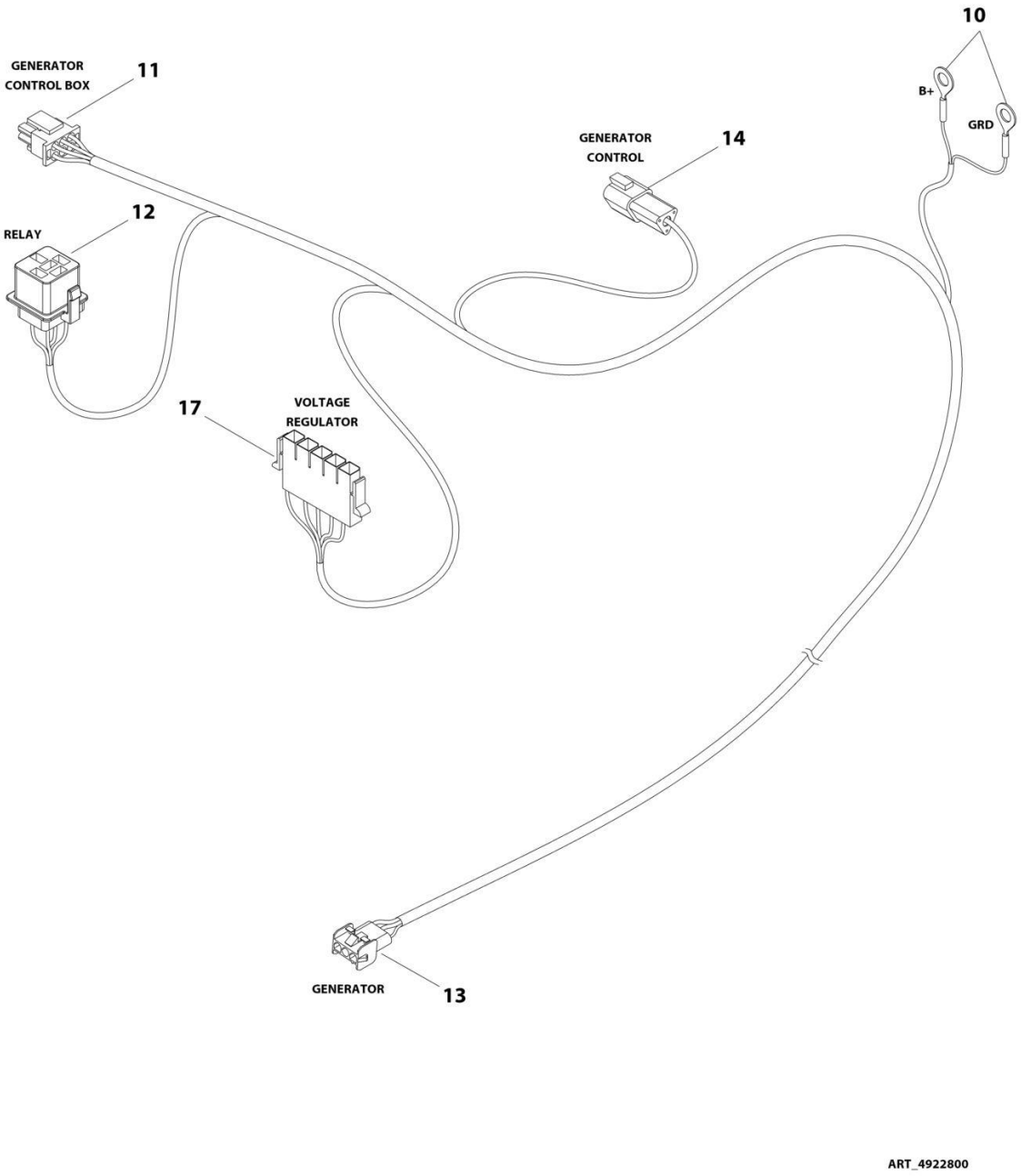


FIGURE 8-22. GENERATOR HARNESS - DEUTZ D2011 & GM ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922800	Ref	GENERATOR HARNESS - DEUTZ D2011 & GM ENGINES	C
10	4460019	2	Terminal, Ring	
11	4460225	1	Connector - 6 Position	
11	4460267	1	Pin, Male	
11	4460906	2	Socket, Female	
12	4460374	1	Plug, Relay	
12	4460375	4	Terminal	
13	4460445	1	Connector - 3 Position	
13	4460906	3	Socket, Female	
14	4460536	1	Connector - 3 Position	
14	4460464	2	Pin, Male	
17	4460972	1	Connector - 5 Position	
17	4460974	4	Terminal	
17	4460973	1	Terminal	

FIGURE 8-23. GENERATOR AC CABLE - DEUTZ D2.9L4 ENGINES - 2500W



FIGURE 8-23. GENERATOR AC CABLE - DEUTZ D2.9L4 ENGINES - 2500W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183913	Ref	GENERATOR AC CABLE - DEUTZ D2.9L4 ENGINES - 2500W	A
1	4460134	1	Connector, Female	
2	4460321	1	Plug, Male - 4 Position	
3	4460906	3	Socket, Female	

FIGURE 8-24. GENERATOR HARNESS - DEUTZ D2.9L4 ENGINES - 2500W

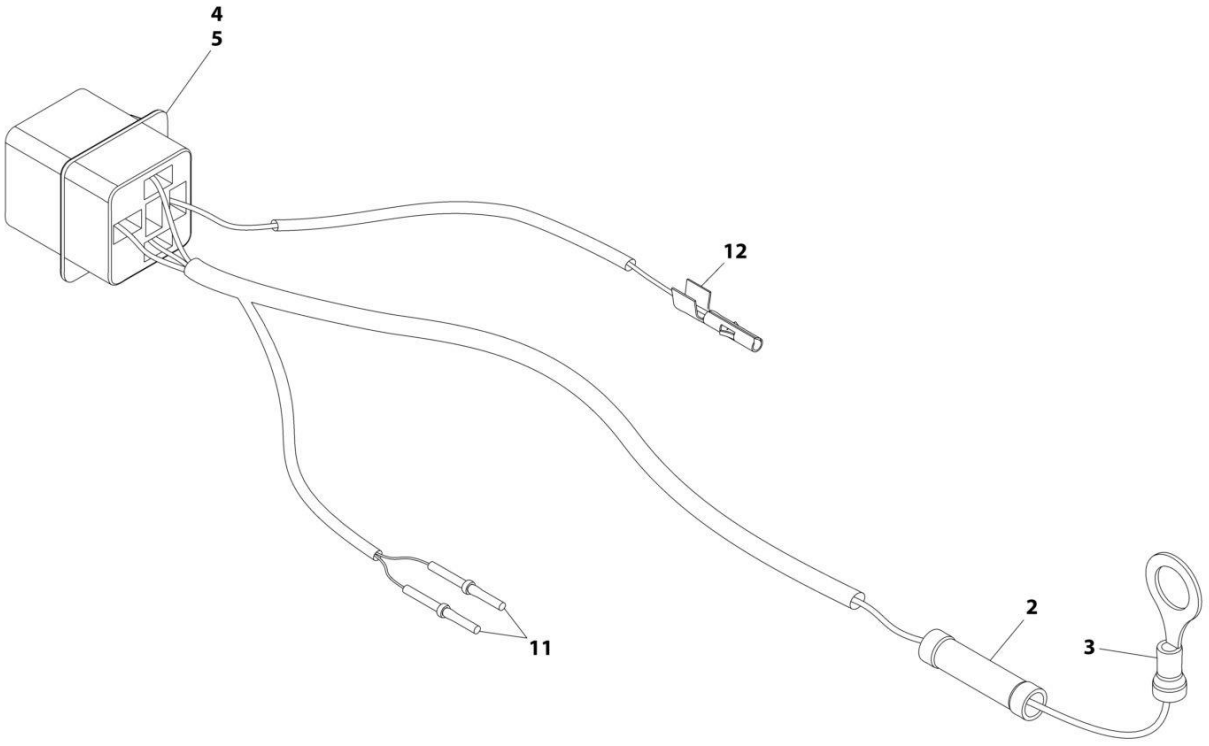


FIGURE 8-24. GENERATOR HARNESS - DEUTZ D2.9L4 ENGINES - 2500W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001183914	Ref	GENERATOR HARNESS - DEUTZ D2.9L4 ENGINES - 2500W	A
2	4460474	1	Terminal, Connector	
3	4460670	1	Terminal, Ring	
4	4460374	1	Terminal, Plug	
5	4460375	4	Terminal	
11	4460465	2	Socket, Female	
12	4460906	1	Socket, Female	

FIGURE 8-25. GENERATOR TO CONTROL BOX HARNESS - DEUTZ D2.9L4 ENGINES - 7500W

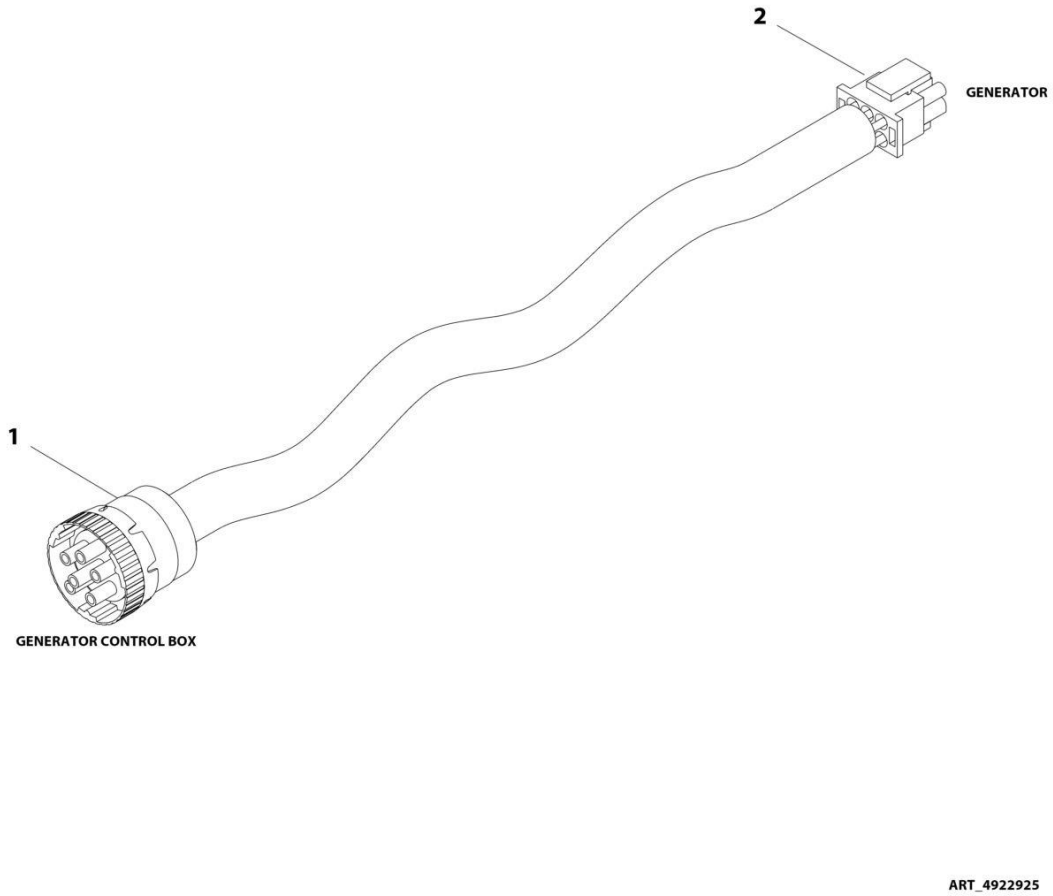


FIGURE 8-25. GENERATOR TO CONTROL BOX HARNESS - DEUTZ D2.9L4 ENGINES - 7500W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922925	Ref	GENERATOR TO CONTROL BOX HARNESS - DEUTZ D2.9L4 ENGINES - 7500W	C
1	77363233	1	Plug, Male - 6 Position	
1	4460465	6	Socket, Female	
2	4460225	1	Plug, Male - 6 Position	
2	4460226	6	Socket, Female	

FIGURE 8-26. GENERATOR TO VEHICLE INTERFACE HARNESS - DEUTZ D2.9L4 ENGINES - 7500W

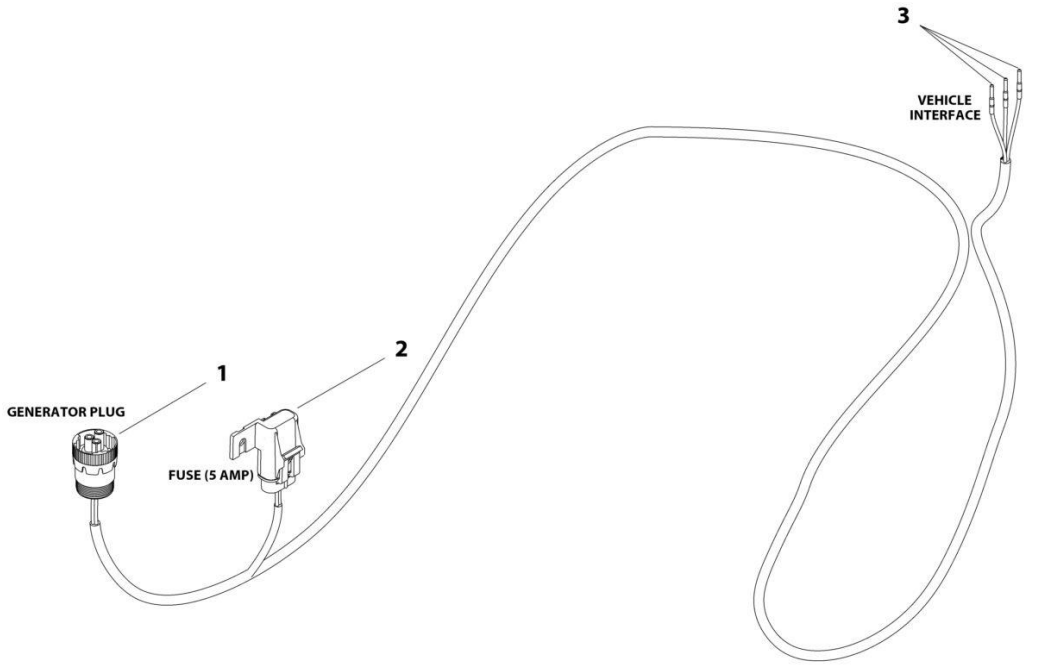


FIGURE 8-26. GENERATOR TO VEHICLE INTERFACE HARNESS - DEUTZ D2.9L4 ENGINES - 7500W

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148424	Ref	GENERATOR TO VEHICLE INTERFACE HARNESS - DEUTZ D2.9L4 ENGINES - 7500W	A
1	4460967	1	Plug, Male - 3 Position	
1	4460465	3	Socket, Female	
2	1001117078	1	Fuseholder (Includes Fuse and Cap)	
2	See Note	NSS	Fuse 5Amp ATO (Note: Purchase Locally)	
3	4460465	3	Socket, Female	

FIGURE 8-27. GROUND CONTROL BOX HARNESS

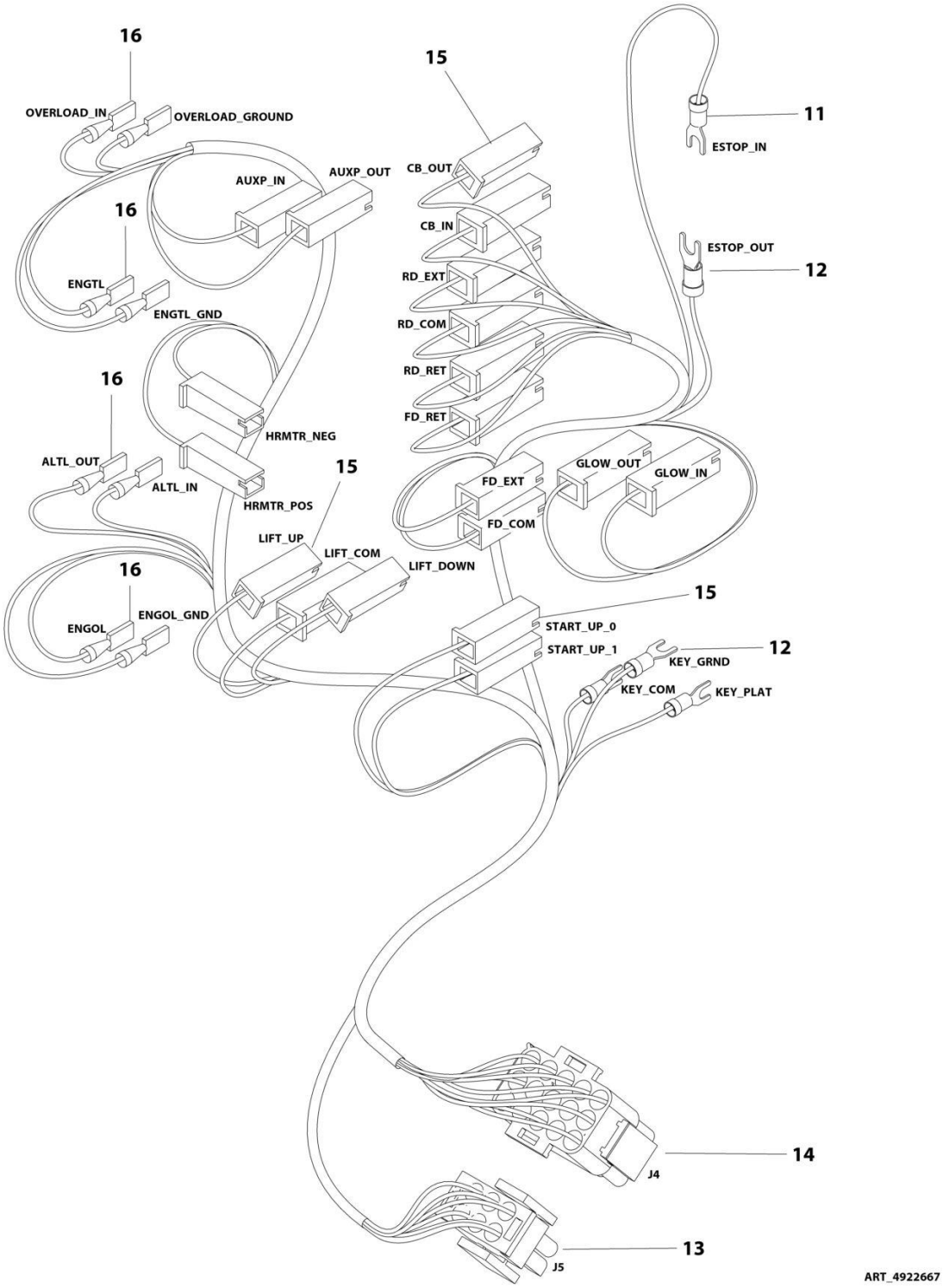


FIGURE 8-27. GROUND CONTROL BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922667	Ref	GROUND CONTROL BOX HARNESS	B
11	4460115	1	Terminal, Fork	
12	4460183	4	Terminal, Fork	
13	4460225	1	Connector - 6 Position	
13	4460268	5	Socket, Female	
14	4460434	1	Connector - 15 Position	
14	4460268	15	Socket, Female	
15	4460260	19	Terminal, Housing	
15	4460259	19	Terminal	
16	4460016	1	Terminal, Receptacle	

FIGURE 8-28. GROUND TO PLATFORM MODULE HARNESS - 3394RT

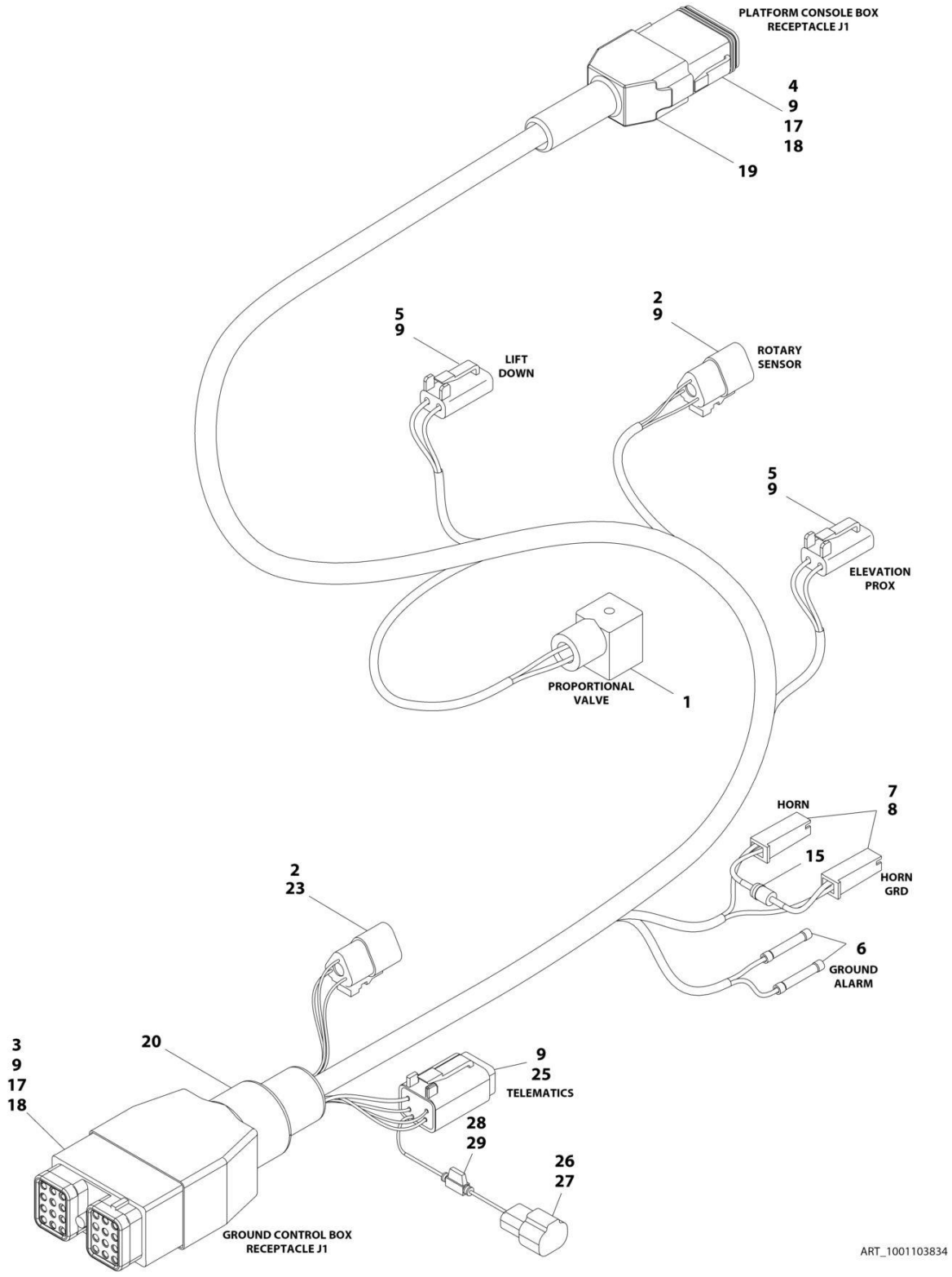


FIGURE 8-28. GROUND TO PLATFORM MODULE HARNESS - 3394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103834	Ref	GROUND TO PLATFORM MODULE HARNESS - 3394RT	B
1	4460499	1	DIN Connector with Diode	
2	4460539	2	Connector - 3 Position	
3	4460812	1	Connector - 24 Position	
4	4460933	1	Connector - 12 Position	
5	4460891	2	Connector - 2 Position	
6	4460248	2	Terminal	
7	4460259	2	Terminal, Positive Lock	
8	4460260	2	Terminal, Housing	
9	4460465	42	Socket, Female	
14	4240033	AR	Strap, Tie (Not Shown)	
15	3990010	1	Diode 6Amp	
17	4460121	2	Cap, Wire	
18	4460466	5	Plug, Sealing	
19	0840055	1	Boot	
20	0840056	1	Boot	
23	4460944	3	Socket, Female	
25	4460884	1	Plug, Male - 4 Position	
26	4460897	1	Receptacle, Female - 2 Position	
27	4460464	1	Pin, Male	
28	2400060	1	Fuseholder with Cover	
29	8229242	1	Fuse 5Amp	

FIGURE 8-29. GROUND TO PLATFORM MODULE HARNESS - 4394RT

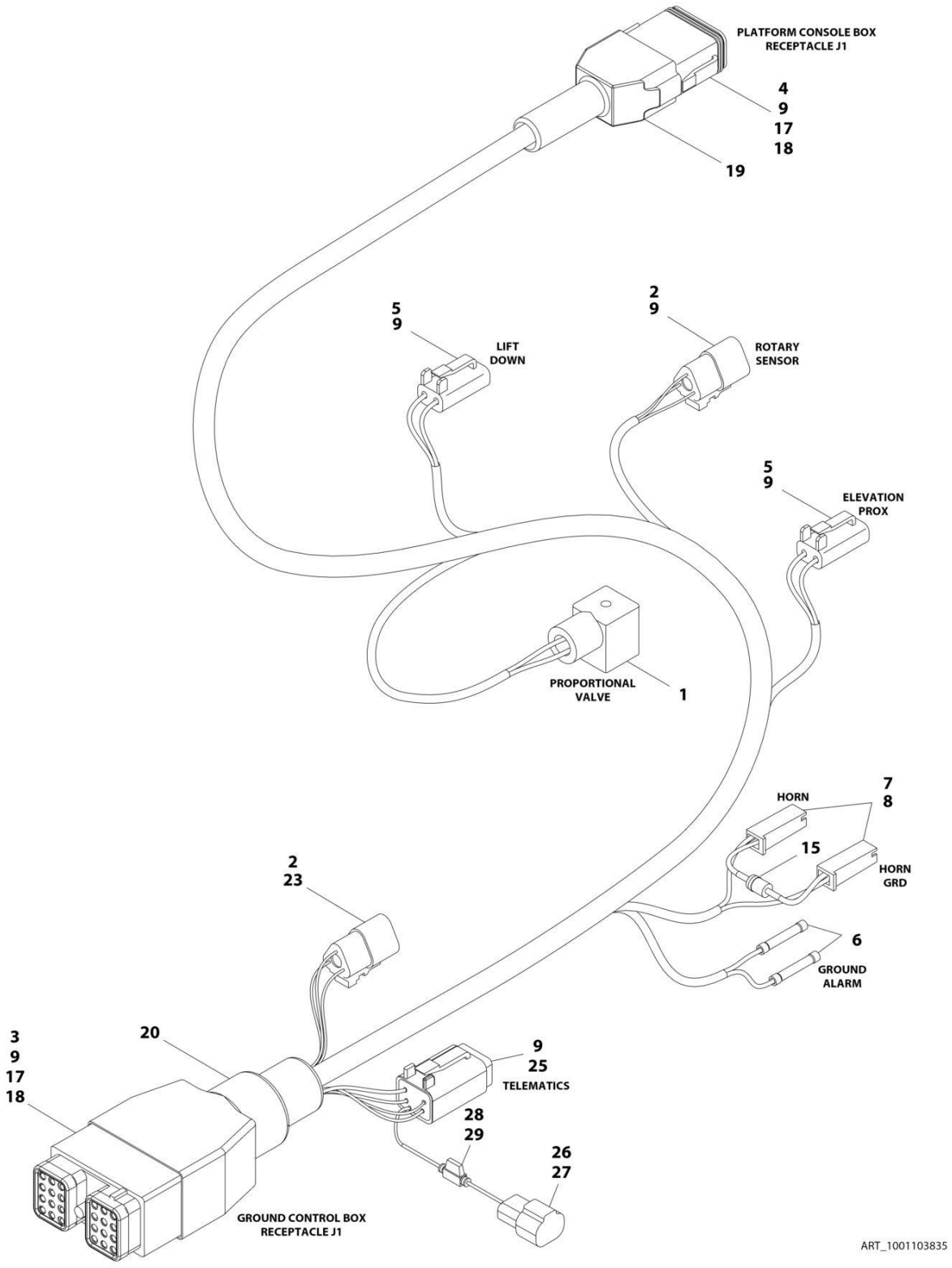


FIGURE 8-29. GROUND TO PLATFORM MODULE HARNESS - 4394RT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103835	Ref	GROUND TO PLATFORM MODULE HARNESS - 4394RT	B
1	4460499	1	DIN Connector with Diode	
2	4460539	2	Connector - 3 Position	
3	4460812	1	Connector - 24 Position	
4	4460933	1	Connector - 12 Position	
5	4460891	2	Connector - 2 Position	
6	4460248	2	Terminal	
7	4460259	2	Terminal, Positive Lock	
8	4460260	2	Terminal, Housing	
9	4460465	42	Socket, Female	
14	4240033	AR	Strap, Tie (Not Shown)	
15	3990010	1	Diode 6Amp	
17	4460121	2	Cap, Wire	
18	4460466	5	Plug, Sealing	
19	0840055	1	Boot	
20	0840056	1	Boot	
23	4460944	3	Socket, Female	
25	4460884	1	Plug, Male - 4 Position	
26	4460897	1	Receptacle, Female - 2 Position	
27	4460464	1	Pin, Male	
28	2400060	1	Fuseholder with Cover	
29	8229242	1	Fuse 5Amp	

FIGURE 8-30. LEVELING JACK HARNESS ASSEMBLY (OPTIONAL ON 3394RT - STANDARD ON 4394RT)

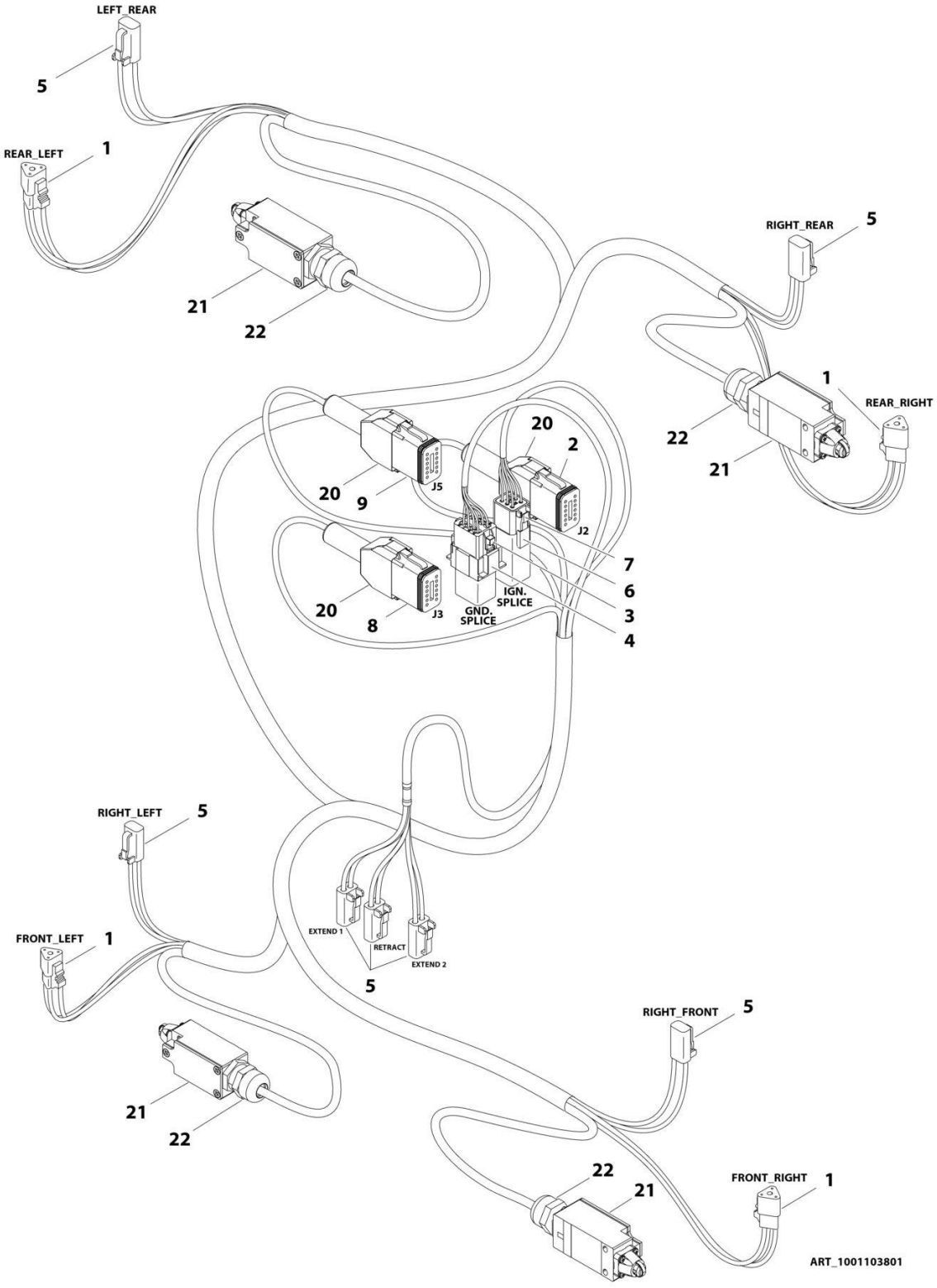


FIGURE 8-30. LEVELING JACK HARNESS ASSEMBLY (OPTIONAL ON 3394RT - STANDARD ON 4394RT)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001103801	Ref	LEVELING JACK HARNESS ASSEMBLY (OPTIONAL ON 3394RT - STANDARD ON 4394RT)	D
1	4460539	4	Connector - 3 Position	
1	4460465	12	Socket, Female	
2	4460836	1	Connector - 12 Position	
2	4460465	7	Socket, Female	
2	4460466	5	Plug	
3	4460851	1	Connector - 8 Position	
3	4460465	8	Socket, Female	
4	4460852	1	Connector, Buss Bar - 8 Position	
5	4460891	7	Connector - 2 Position	
5	4460465	14	Socket, Female	
6	4460892	1	Terminal, Buss Bar - 6 Position	
7	4460894	1	Connector - 6 Position	
7	4460465	6	Socket, Female	
8	4460934	1	Connector - 12 Position	
8	4460465	12	Socket, Female	
9	4460935	1	Connector - 12 Position	
9	4460465	5	Socket, Female	
9	4460466	7	Plug	
20	0840055	3	Boot	
21	4360548	4	Switch, Limit	
22	4460968	4	Connector, Strain Relief	

FIGURE 8-31. PLATFORM MODULE TO CONSOLE BOX HARNESS

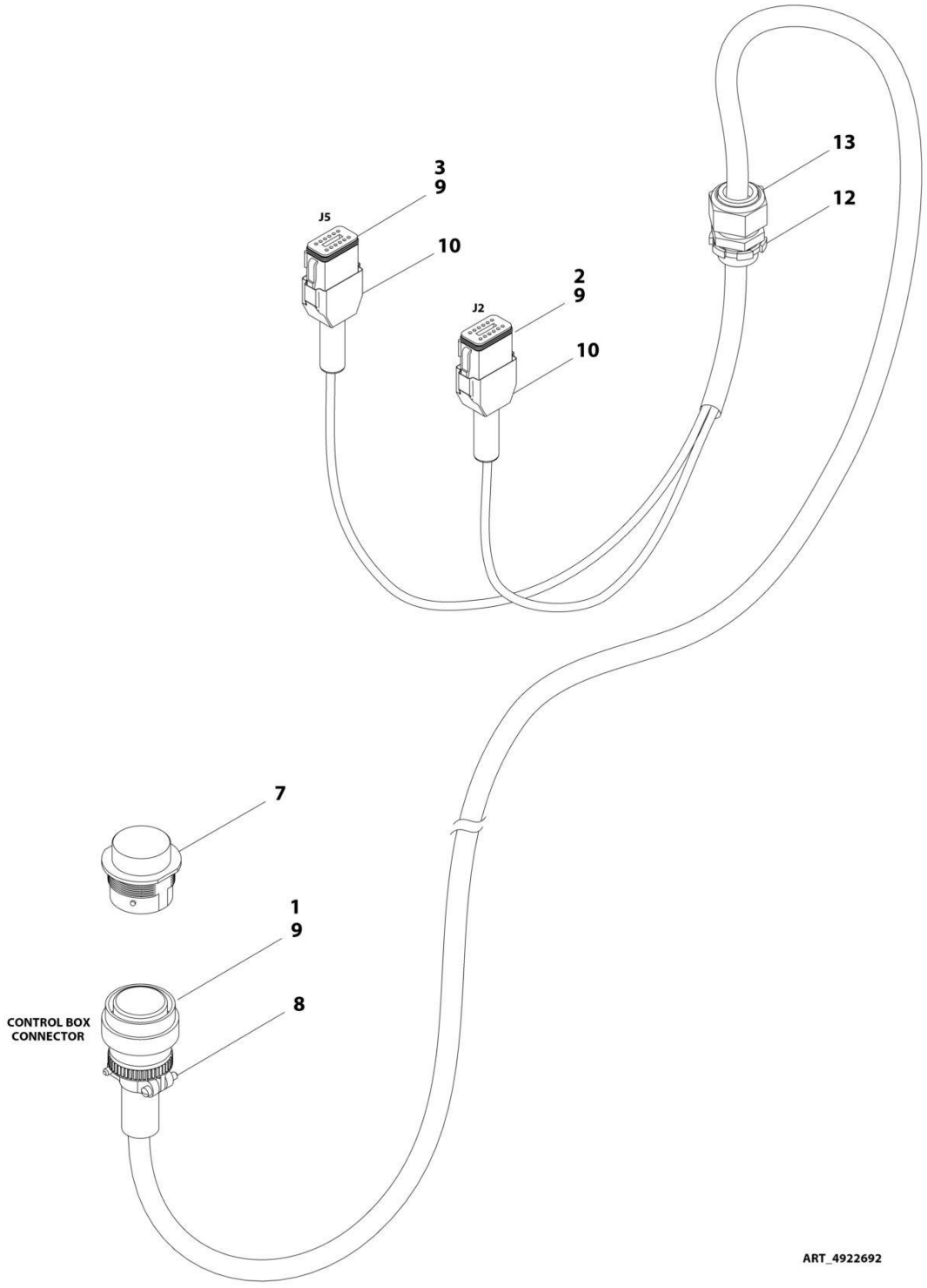


FIGURE 8-31. PLATFORM MODULE TO CONSOLE BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922692	Ref	PLATFORM MODULE TO CONSOLE BOX HARNESS	E
1	4460481	1	Connector - 23 Position	
1	4460464	21	Pin, Male	
2	4460836	1	Connector - 12 Position	
2	4460465	10	Socket, Female	
3	4460935	1	Connector - 12 position	
3	4460465	11	Socket, Female	
7	4460468	1	Cap, Dust	
8	4460473	1	Clamp Assembly	
9	4460466	5	Seal	
10	0840055	2	Boot	
11	4460121	6	Cap, Wire (Not Shown)	
12	3300048	1	Locknut, Conduit	
13	4460051	1	Connector, Strain Relief	

FIGURE 8-32. POWER DECK HARNESS

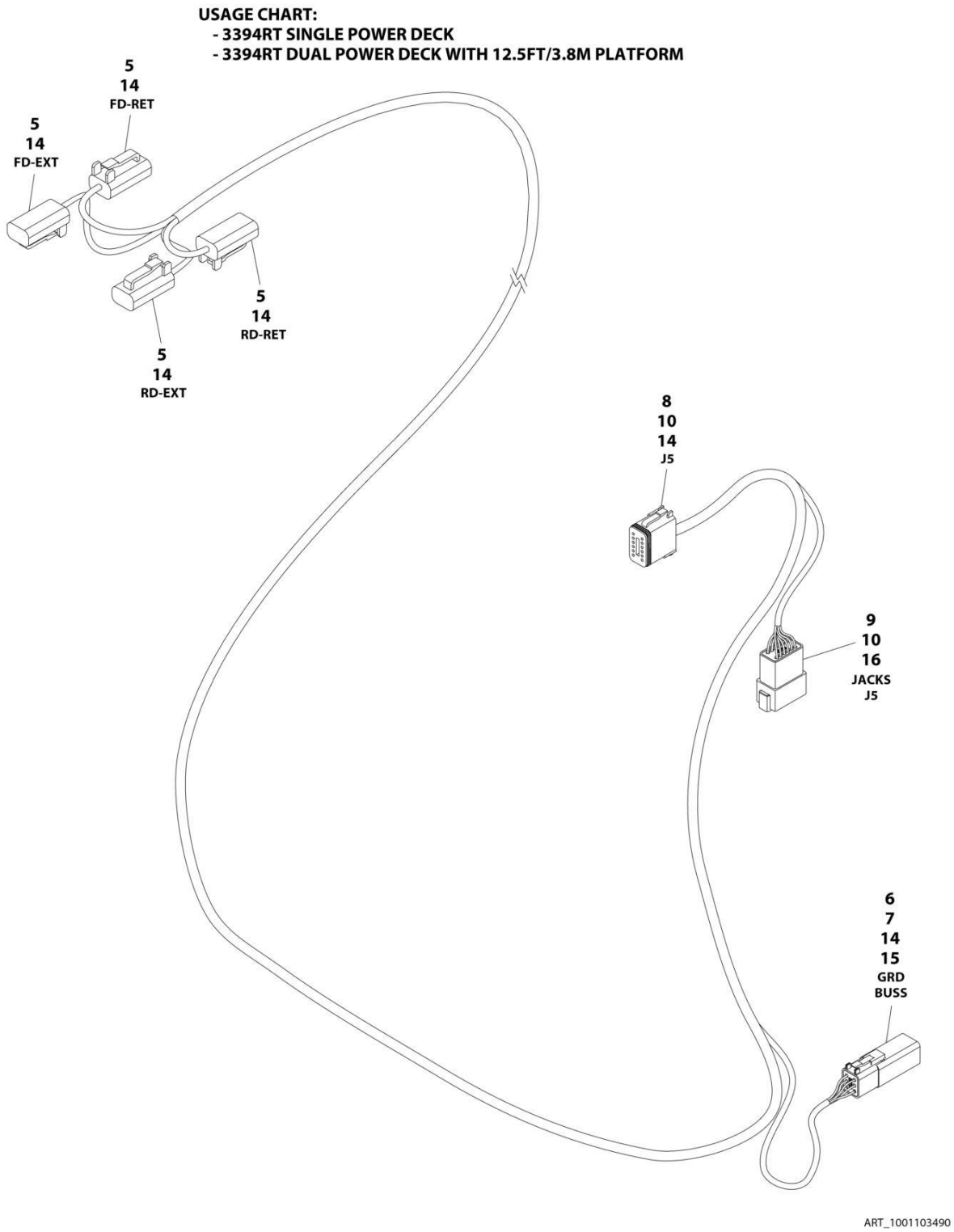


FIGURE 8-32. POWER DECK HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- 3394RT Single Power Deck	
		Ref	- 3394RT Dual Power Deck with 12.5ft/3.8m Platform	
	1001103490	Ref	POWER DECK HARNESS	A
5	4460891	4	Plug, Male - 2 Position	
6	4460892	1	Receptacle, Buss Bar - 6 Position	
7	4460894	1	Plug, Male - 6 Position	
8	4460935	1	Plug, Male - 12 Position	
9	4460982	1	Receptacle, Female - 12 Position	
10	0840055	1	Boot	
14	4460465	23	Socket, Female	
15	4460466	10	Plug, Terminal	
16	4460464	5	Pin, Male	

FIGURE 8-33. POWER DECK HARNESS

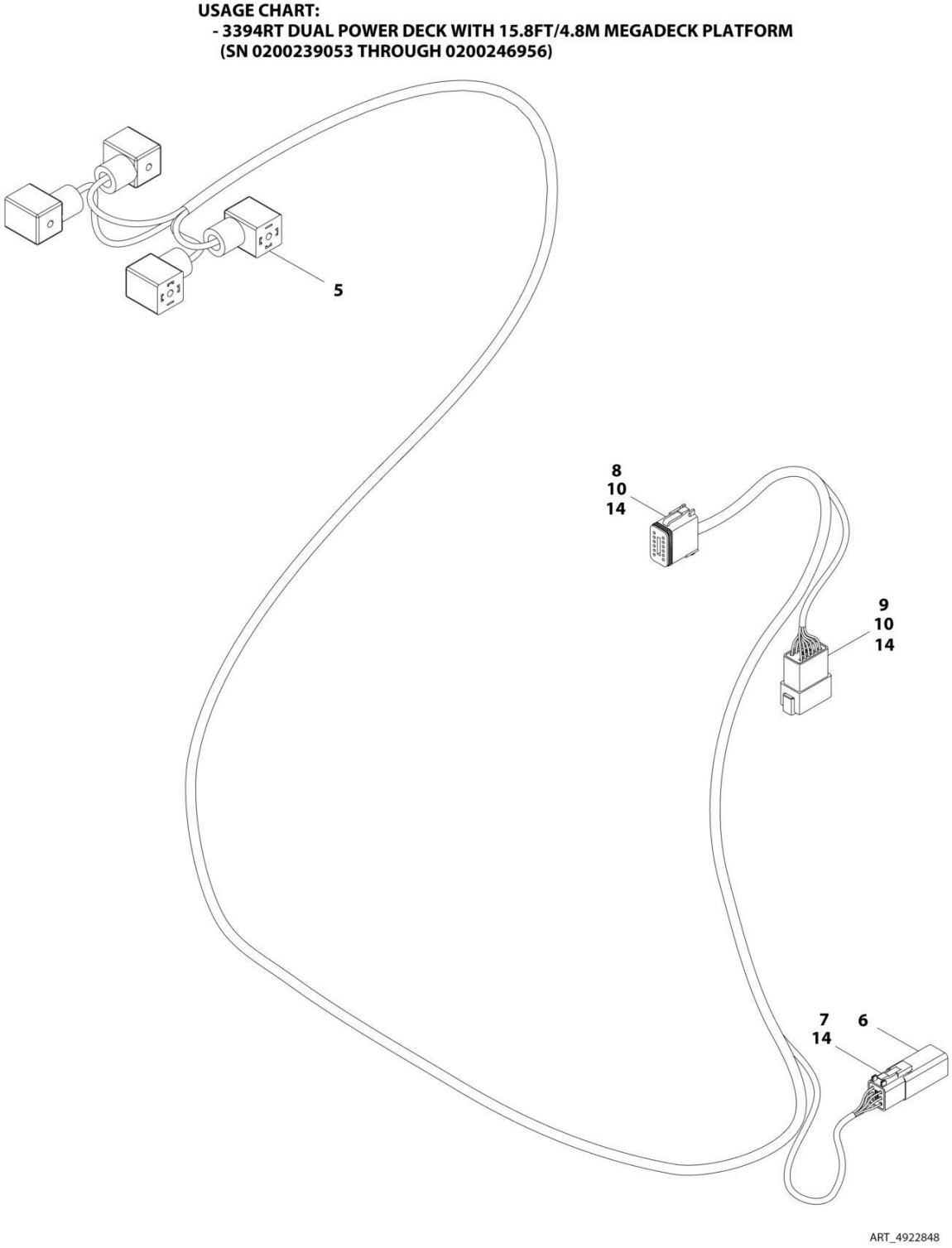


FIGURE 8-33. POWER DECK HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- 3394RT Dual Power Deck with 15.8ft/4.8m Megadeck Platform **(SN 0200239053 through 0200246956)**	
	4922848	Ref	POWER DECK HARNESS	B
5	4460499	4	DIN Connector with Diode	
6	4460892	1	Connector, Buss Bar - 6 Position	
7	4460894	1	Connector - 6 Position	
8	4460935	1	Connector - 12 Position	
9	4460982	1	Connector - 12 Position	
10	0840055	2	Boot, Terminal	
13	4240032	AR	Tie-Strap (Not Shown)	
14	4460465	20	Socket, Female	
15	4460466	10	Plug, Sealing (Not Shown)	

FIGURE 8-34. POWER DECK HARNESS

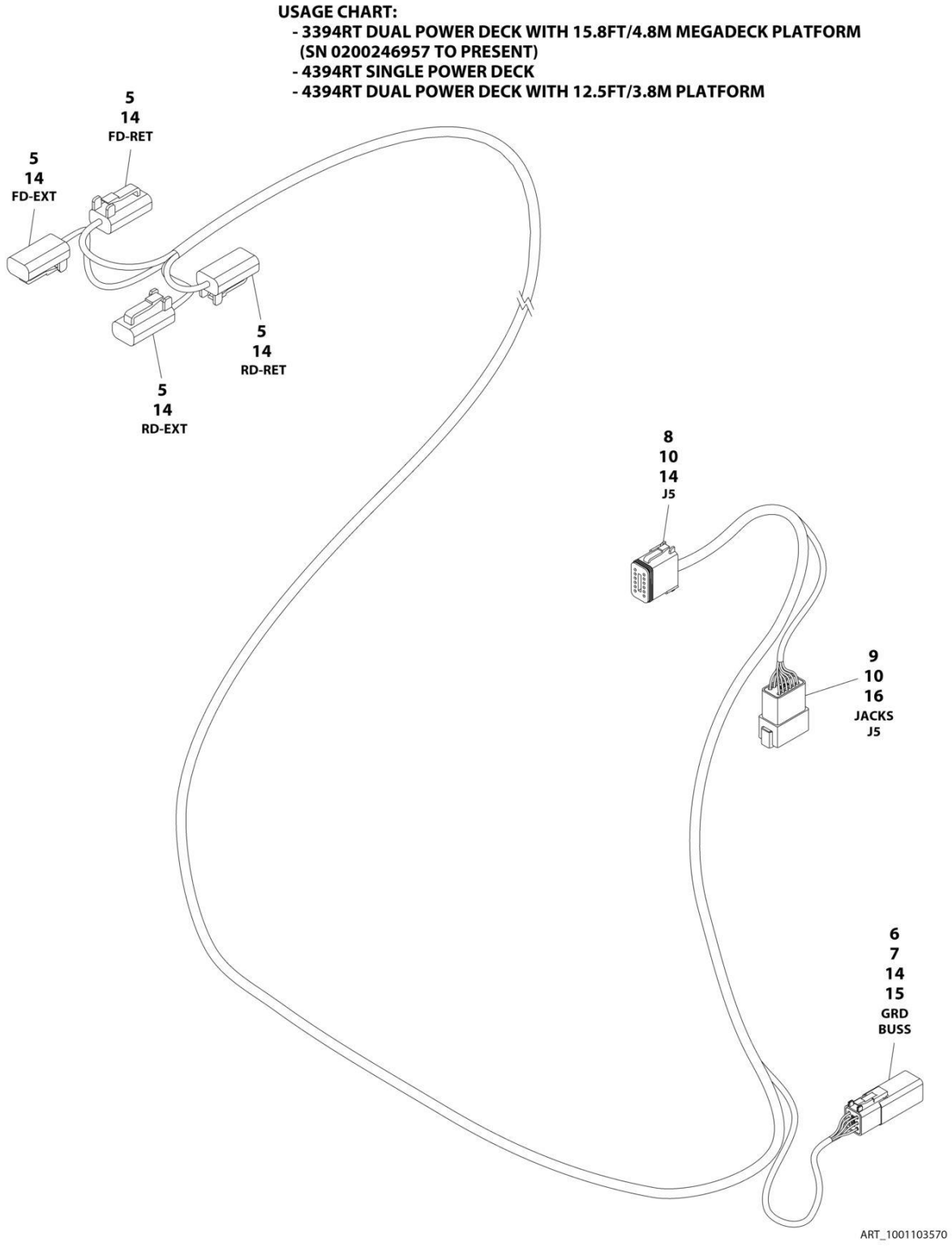


FIGURE 8-34. POWER DECK HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	- 3394RT Dual Power Deck with 15.8ft/4.8m Megadeck Platform **(SN 0200246957 to Present)**	
		Ref	- 4394RT Single Power Deck	
		Ref	- 4394RT Dual Power Deck with 12.5ft/3.8m Platform	
	1001103570	Ref	POWER DECK HARNESS	A
5	4460891	4	Plug, Male - 2 Position	
6	4460892	1	Receptacle, Buss Bar - 6 Position	
7	4460894	1	Plug, Male - 6 Position	
8	4460935	1	Plug, Male - 12 Position	
9	4460982	1	Receptacle, Female - 12 Position	
10	0840055	1	Boot	
14	4460465	23	Socket, Female	
15	4460466	10	Plug, Terminal	
16	4460464	5	Pin, Male	

FIGURE 8-35. POWER DECK AUXILIARY POWER HARNESS

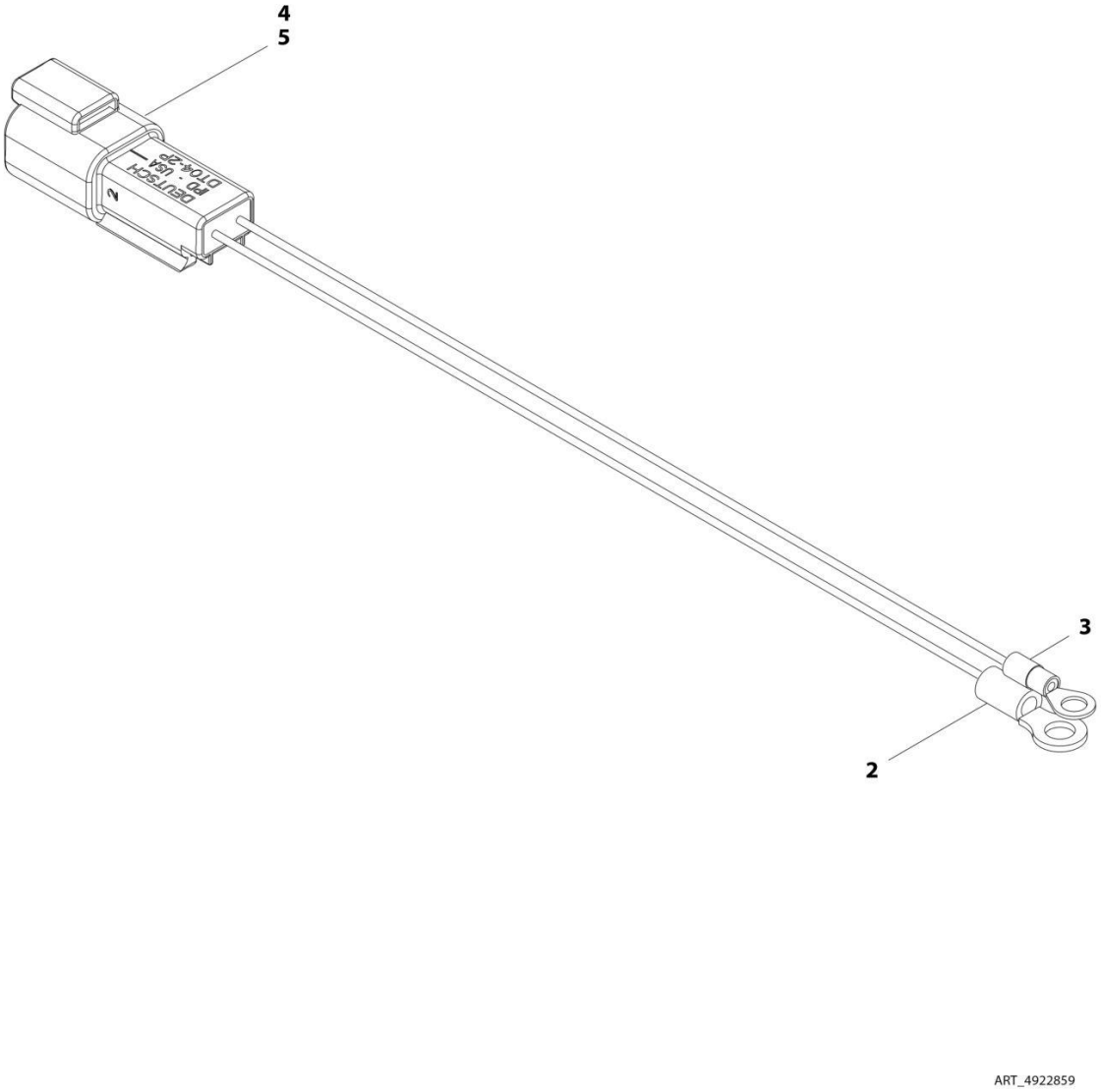


FIGURE 8-35. POWER DECK AUXILIARY POWER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4922859	Ref	POWER DECK AUXILIARY POWER HARNESS	A
2	4460043	1	Terminal, Ring	
3	4460313	1	Terminal, Ring	
4	4460464	2	Pin, Male	
5	4460897	1	Connector - 2 Position	

FIGURE 8-36. POWER DECK JUMPER HARNESS INSTALLATION

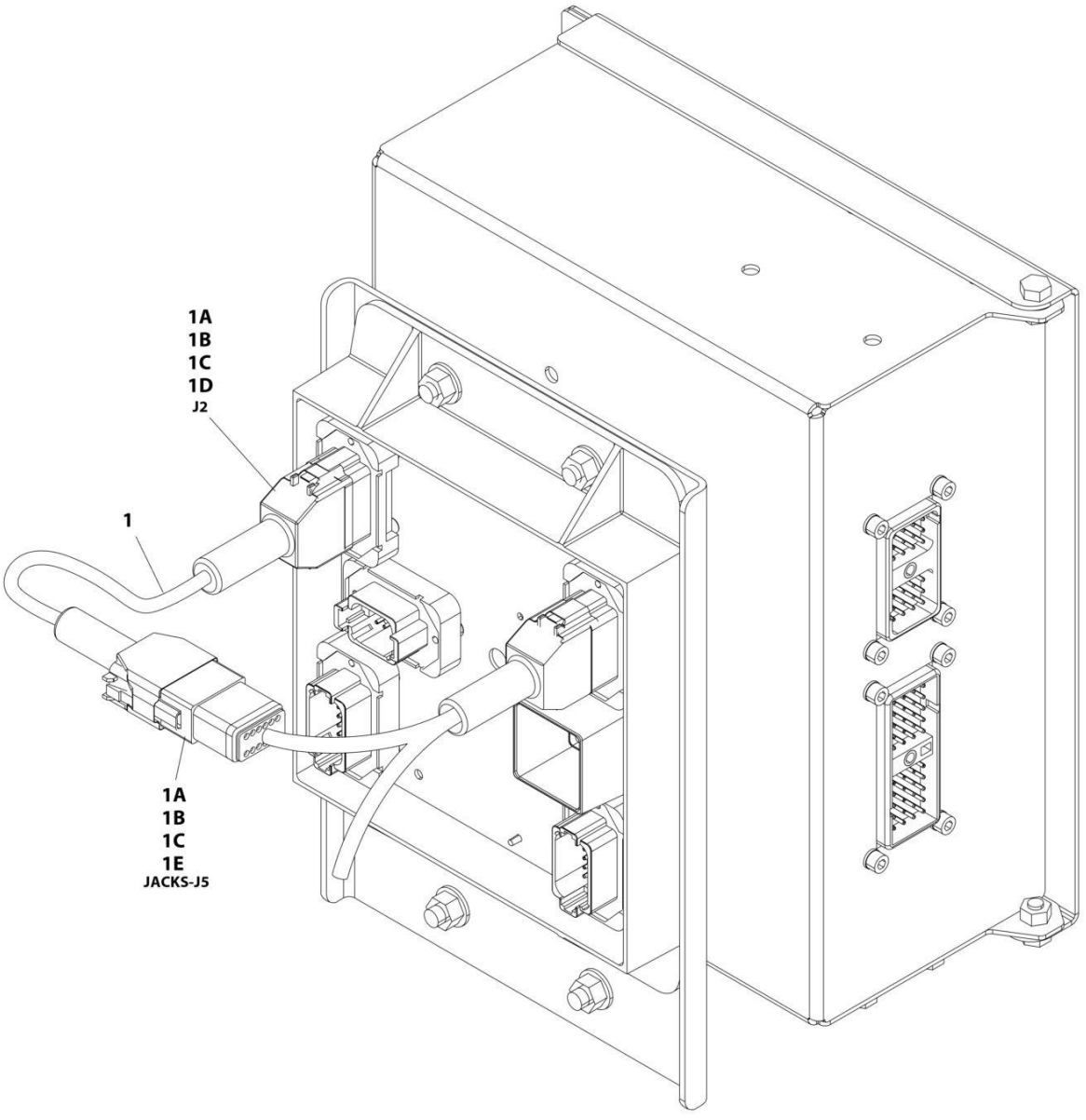


FIGURE 8-36. POWER DECK JUMPER HARNESS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275320	Ref	POWER DECK JUMPER HARNESS INSTALLATION	A
		Ref	Note: Used with p/n 1001105906, 1001105907, 1001105908, 1001168946, 1001168947 Ground Control Box Installations Only.	
1	4923507	1	Power Deck Jumper Harness	A
1A	0840055	2	Boot	
1B	4460465	2	Socket, Female	
1C	4460466	22	Plug, Terminal	
1D	4460836	1	Connector - 12 Position	
1E	4460935	1	Connector - 12 Position	

FIGURE 8-37. RECEPTACLE BOX KIT - 110V GFI

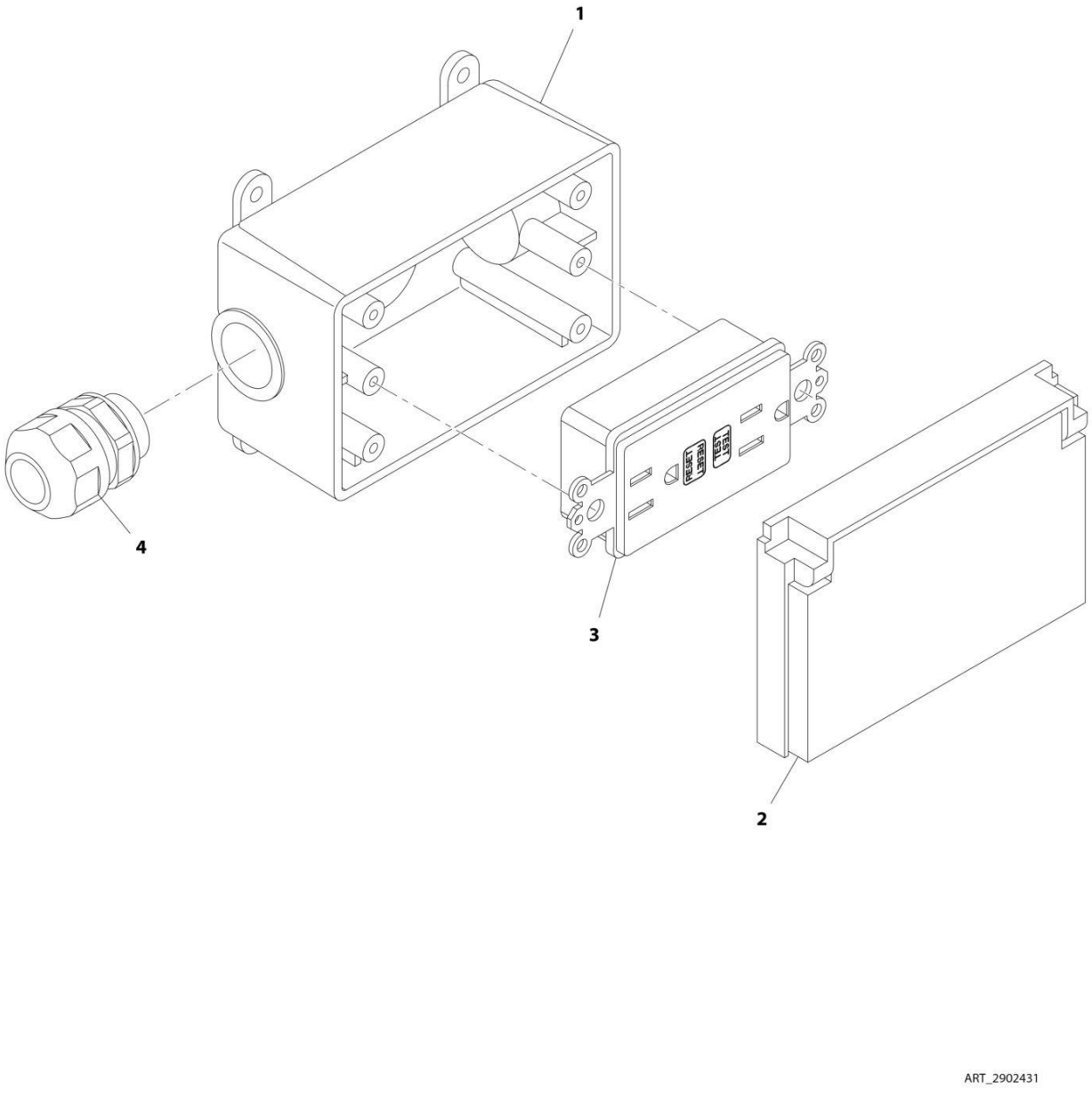


FIGURE 8-37. RECEPTACLE BOX KIT - 110V GFI

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2902431	Ref	RECEPTACLE BOX KIT - 110V GFI	C
1	0861731	1	Box, Receptacle	
2	1671207	1	Cover, Receptacle	
3	4460346	1	Receptacle	
4	4460662	1	Connector, Strain Relief	

FIGURE 8-38. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)

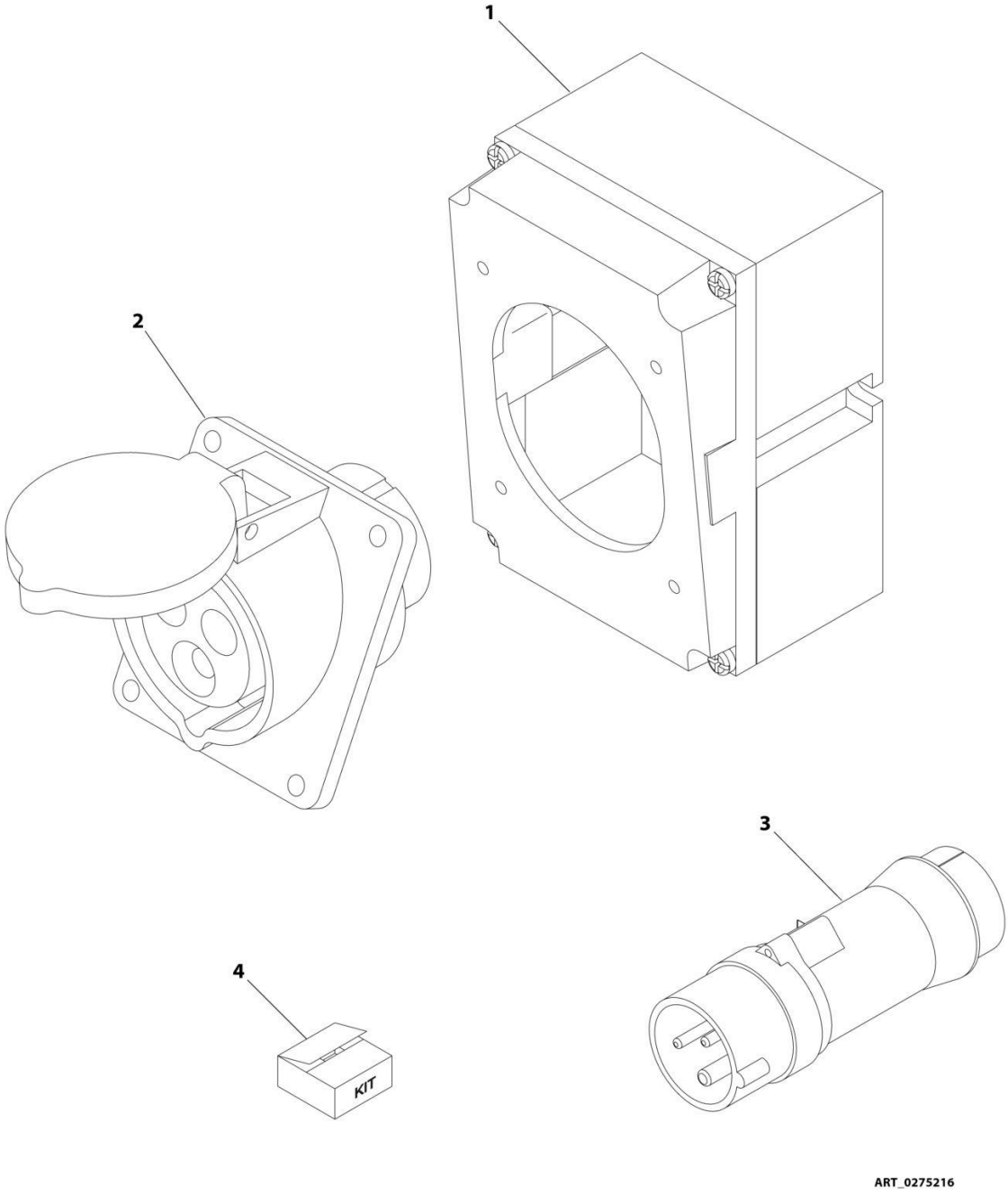


FIGURE 8-38. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275216	Ref	RECEPTACLE BOX KIT - 110V IEC YELLOW (CE SPEC)	2
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 8-39. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)

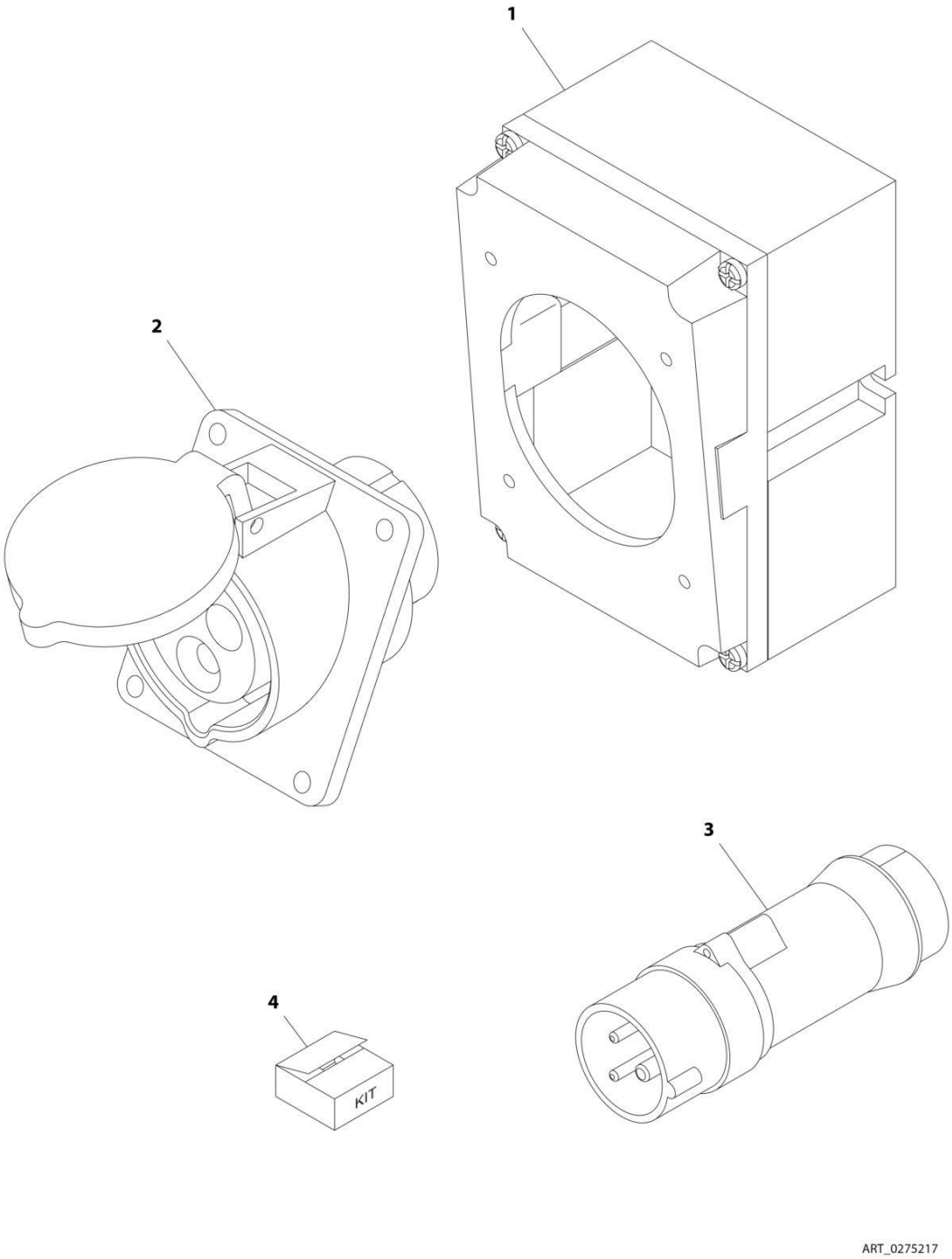


FIGURE 8-39. RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275217	Ref	RECEPTACLE BOX KIT - 220V IEC BLUE (CE SPEC)	2
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 8-40. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)

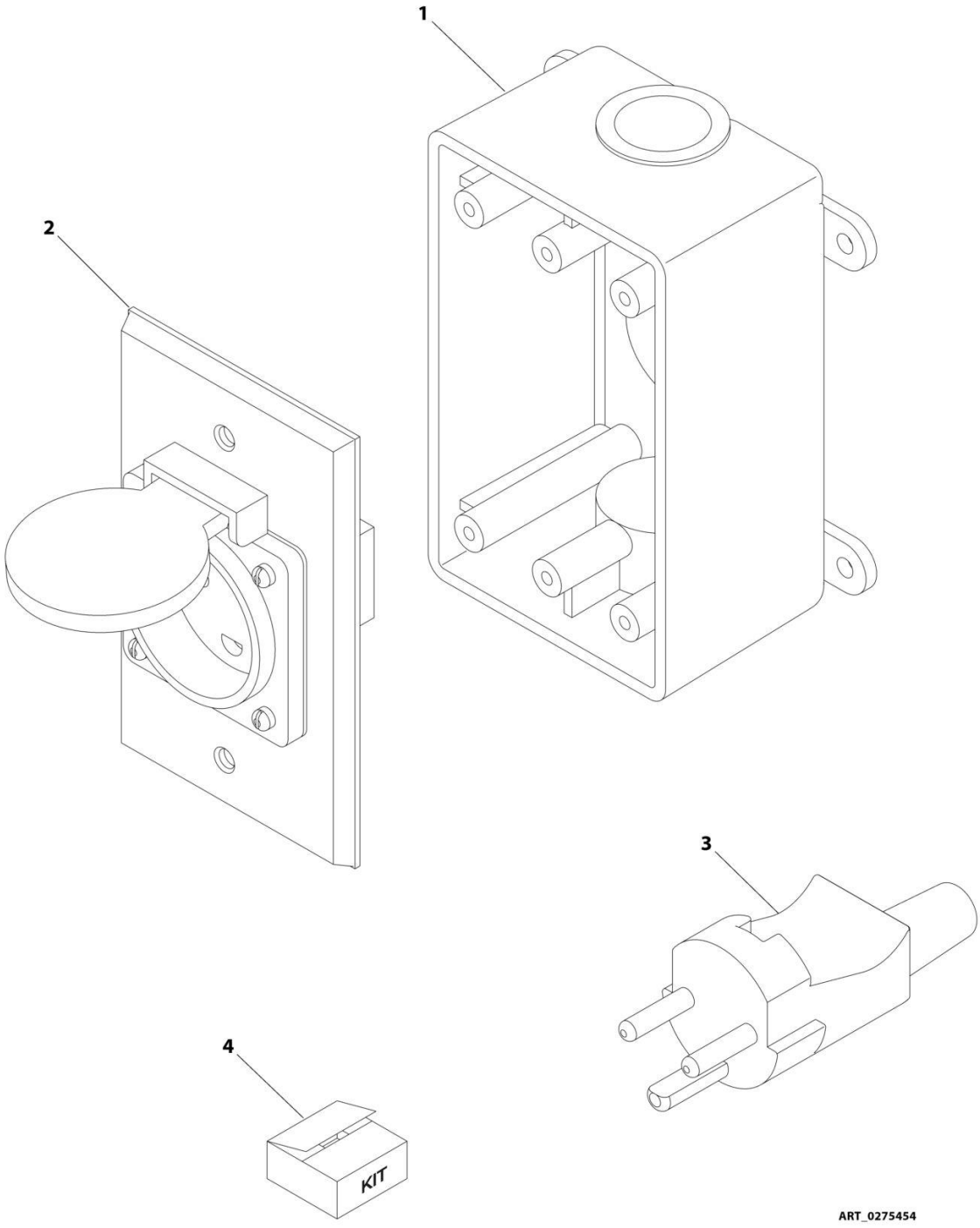


FIGURE 8-40. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275454	Ref	RECEPTACLE BOX KIT - 220V AFSINT 107 (CE SPEC)	2
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 8-41. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)

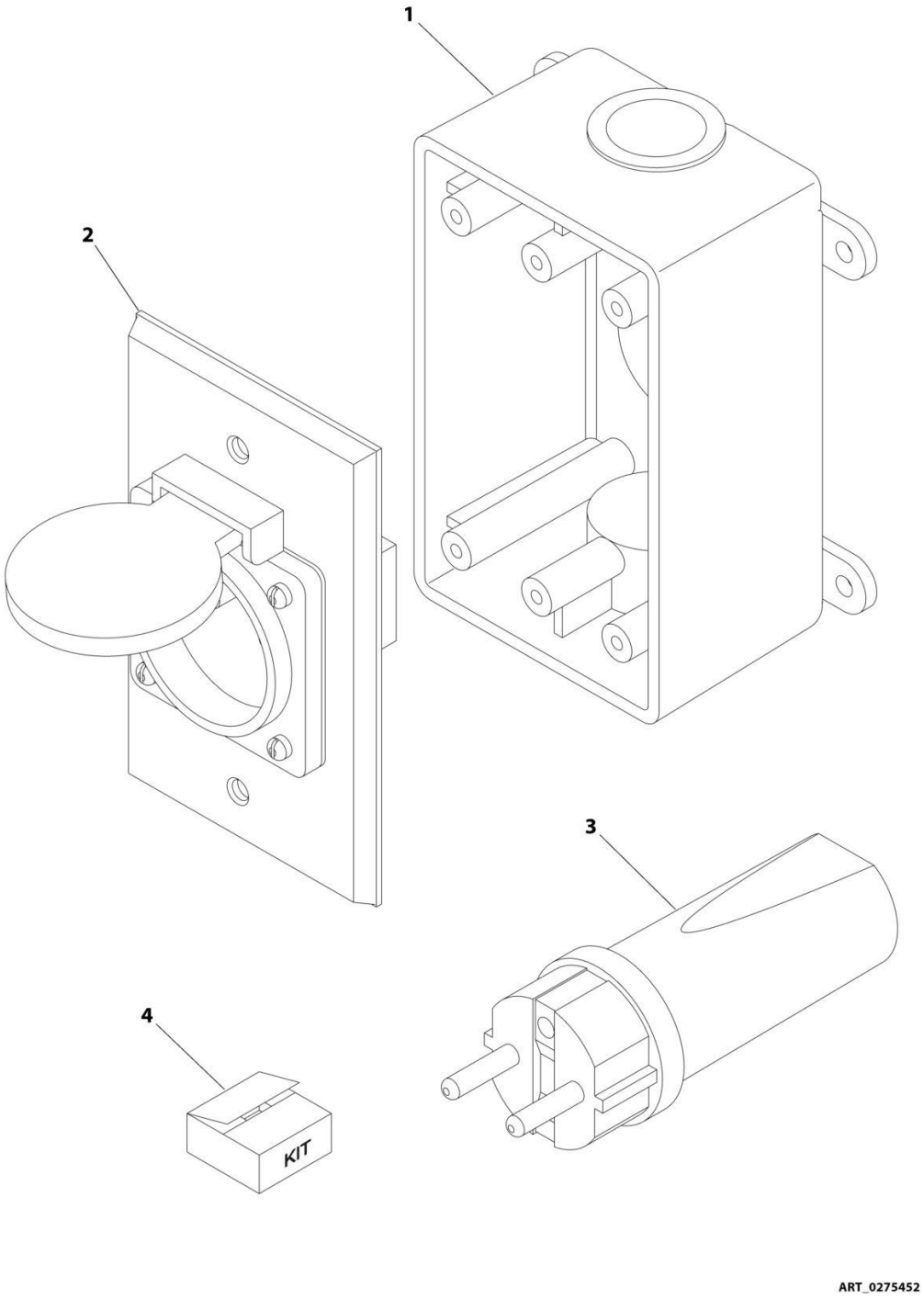


FIGURE 8-41. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275452	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 2X4 BOX (CE SPEC)	2
1	0861731	1	Box, Switch	
2	4461244	1	Receptacle	
3	4461202	1	Plug, Male	
4	1001100345	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	

FIGURE 8-42. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE SPEC)

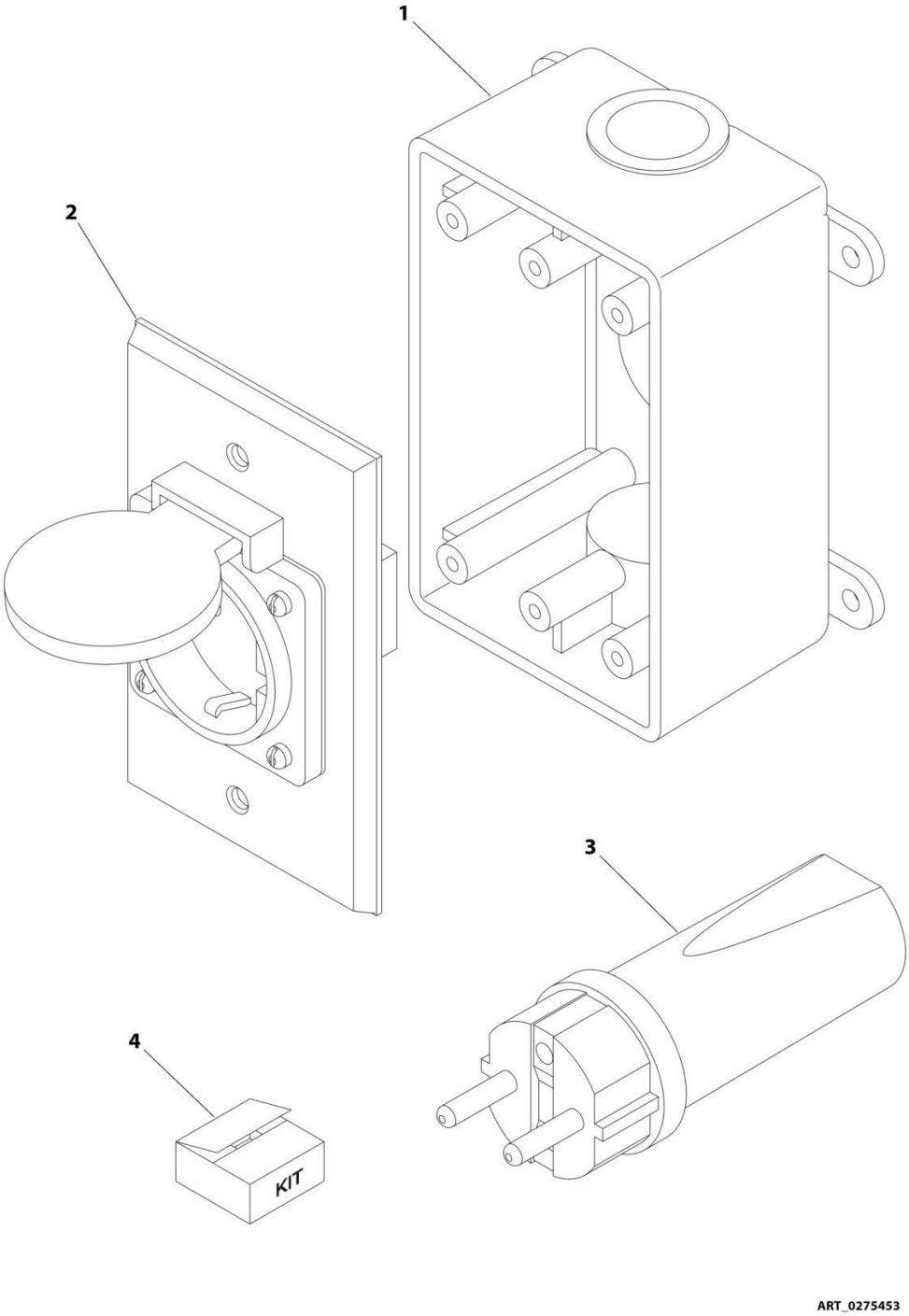


FIGURE 8-42. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275453	Ref	RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 2X4 BOX (CE SPEC)	1
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 8-43. RECEPTACLE BOX KIT - CEE7 POST GROUND 70X70 BOX (CE SPEC)

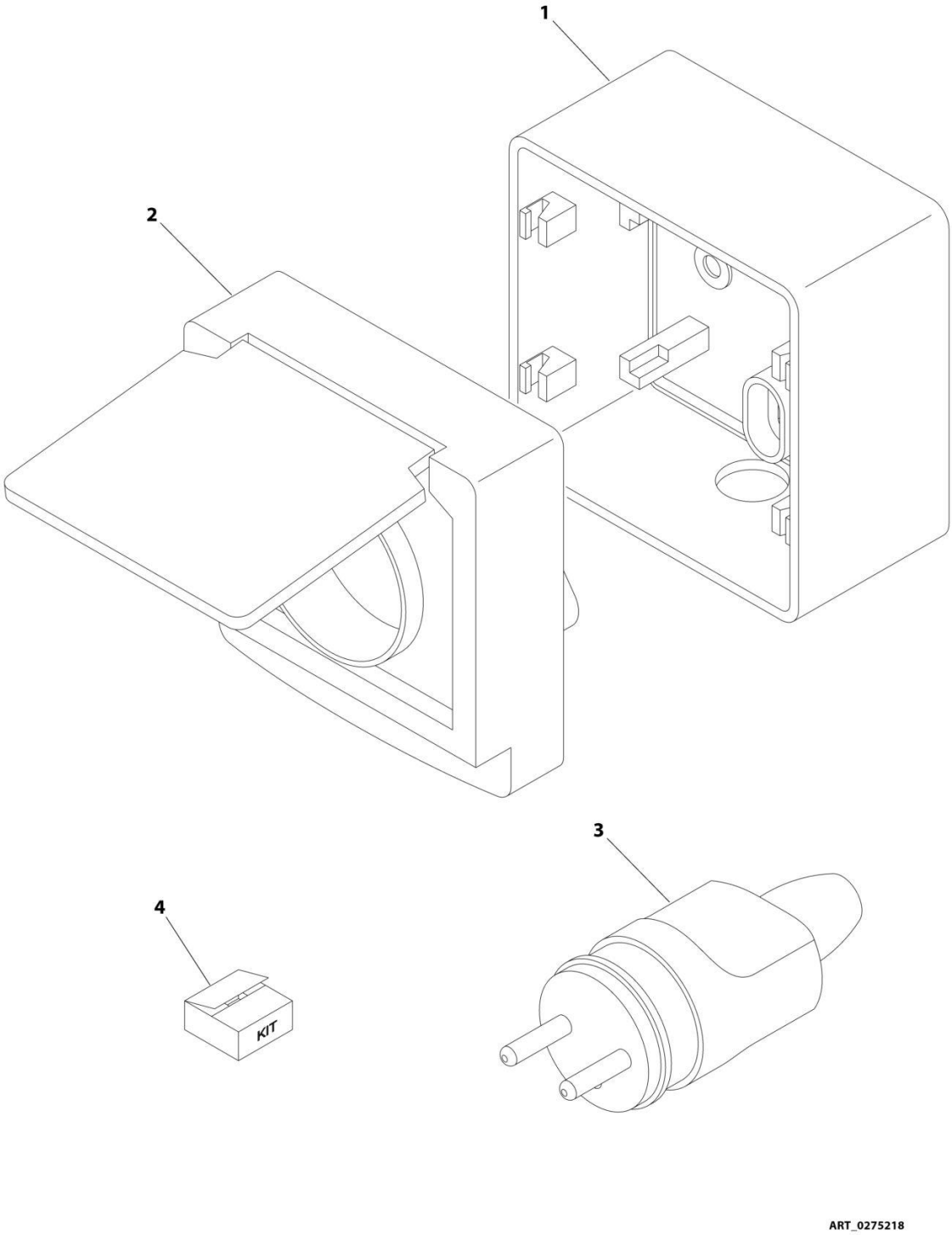


FIGURE 8-43. RECEPTACLE BOX KIT - CEE7 POST GROUND 70X70 BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275218	Ref	RECEPTACLE BOX KIT - CEE7 POST GROUND 70X70 BOX (CE SPEC)	B
1	1001141967	1	Box, Switch	
2	1001141968	1	Receptacle	
3	4461202	1	Plug, Male	
4	1001141971	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	

FIGURE 8-44. RECEPTACLE BOX KIT - CEE7 SIDE GROUND 70X70 BOX (CE SPEC)

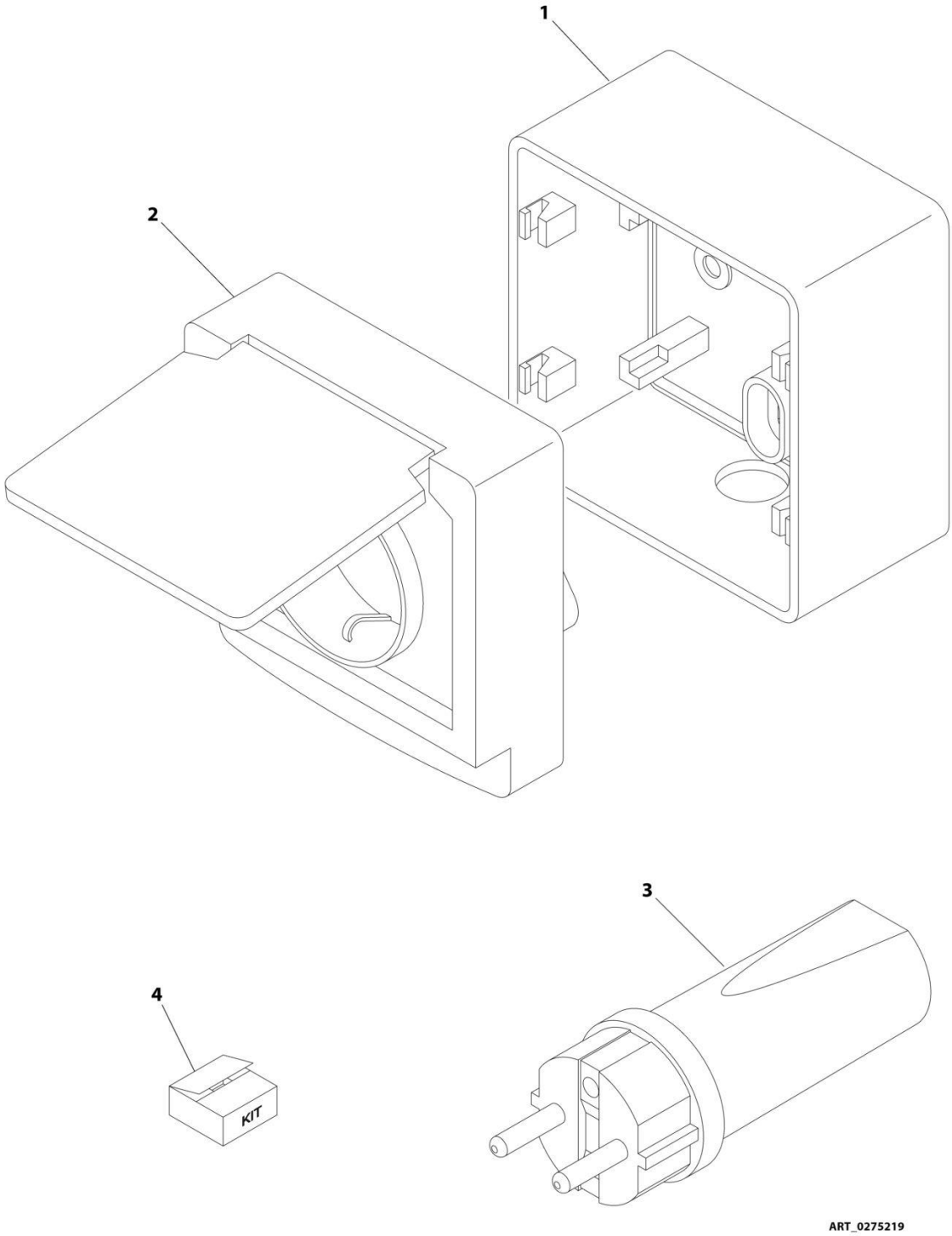
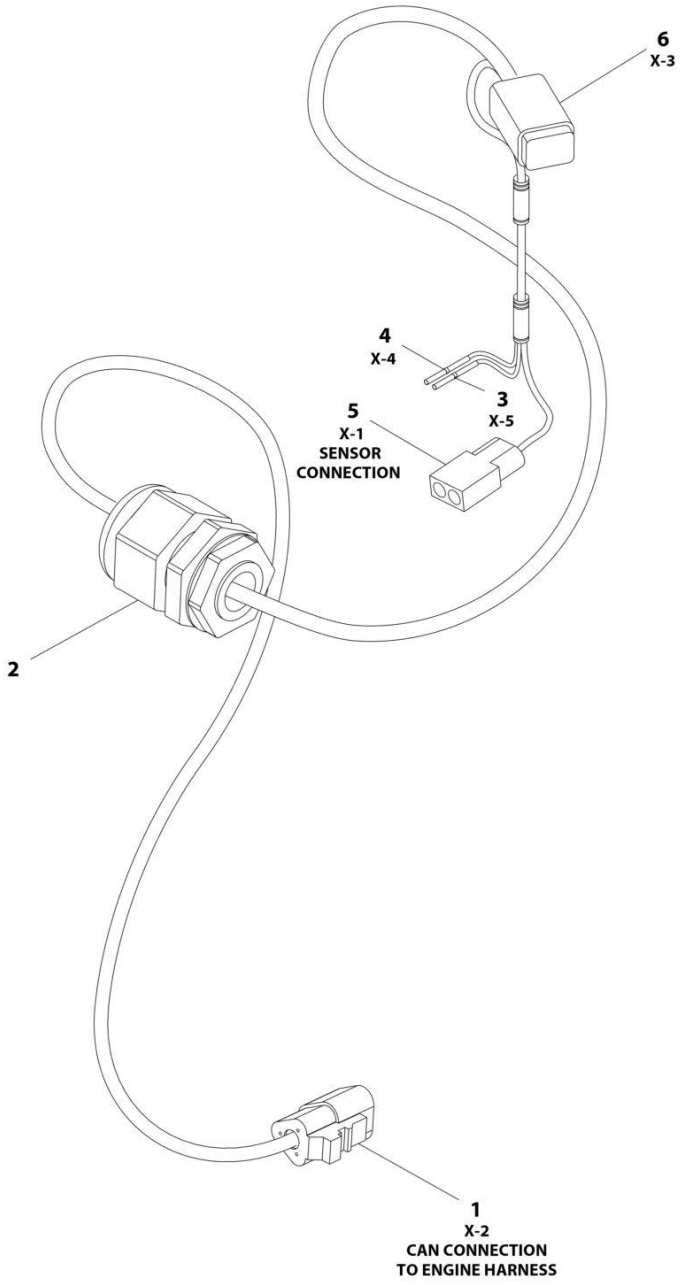


FIGURE 8-44. RECEPTACLE BOX KIT - CEE7 SIDE GROUND 70X70 BOX (CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275219	Ref	RECEPTACLE BOX KIT - CEE7 SIDE GROUND 70X70 BOX (CE SPEC)	B
1	1001141967	1	Box, Switch	
2	1001141969	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001141970	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	

FIGURE 8-45. TEMPERATURE SENSOR HARNESS



ART_1001164103

FIGURE 8-45. TEMPERATURE SENSOR HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001164103	Ref	TEMPERATURE SENSOR HARNESS	B
1	4460539	1	Connector - 3 Position	
1	4460944	3	Socket, Female	
2	1001097150	1	Connector, Strain Relief	
3	4460268	1	Socket, Female	
4	4460268	1	Socket, Female	
5	4460424	1	Connector, Female - 2 Position	
5	4460267	2	Pin, Male	
6	4460884	1	Connector - 4 Position	
6	4460465	2	Socket, Female	
6	4460944	2	Socket, Female	

SECTION 9 - DECALS

SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION (ANSI SPEC)

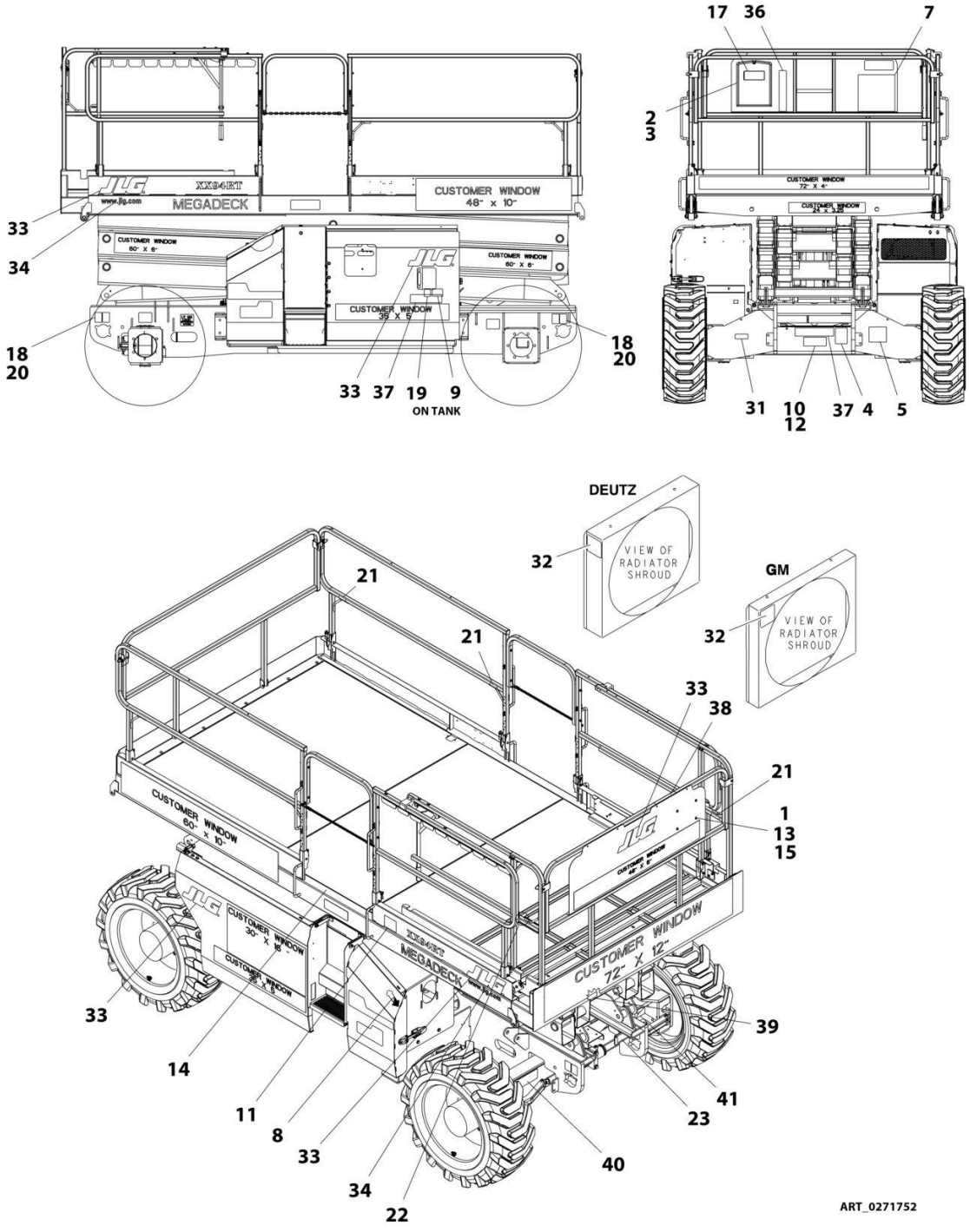


FIGURE 9-1. DECAL INSTALLATION (ANSI SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271752	Ref	DECAL INSTALLATION (ANSI SPEC)	B
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard	
4	1001131270	1	Decal - Patent	
5	1702153	1	Decal - Inspection	
6	See Note	NSS	Decal - Bar Code (Not Shown - Located Near Control Box) (Note: Not Available for Purchase)	
7	1703816	1	Decal - Danger/Warning	
8	1703687	2	Decal - Directional Arrow	
9	1704412	1	Decal - Hydraulic Oil	
10	2080057	4	Fastener	
11	3251813	1	Nameplate - USA	
12	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
13	3311405	4	Nut 1/4	
14	4420067	4 ft/1.2m	Tape, Safety Tread	
15	4711400	8	Washer 1/4	
17	1701509	1	Decal - Manual Reference	
18	1703811	4	Decal - Lifting Lugs	
19	1703812	1	Decal - Oil	
20	1703814	4	Decal - Tie Down	
21	1704277	8	Decal - Attach Lanyard Here	
22	1703819	1	Decal - Directional Arrow	
23	1703822	1	Decal - Manual Descent	
31	1705303	1	Decal - CSA **(SN 0200260127 to Present)**	
32	1703162	1	Decal - Fan Blade	
33	1702773	5	Decal - JLG	
34	1704885	2	Decal - Website	
36	1705190	1	Decal - Legend	
37	1703818	3	Decal - Crushing Hazard/Danger Electrocution	
38	1703821	1	Decal - Control Box Location	
39	1705019	1	Decal - Safety Prop	
40	1704432	1	Decal - Warning Crushing	
41	1703823	1	Decal - Danger/Electrical Hazard	

FIGURE 9-2. DECAL INSTALLATION (AUSTRALIAN AND CE SPECS)

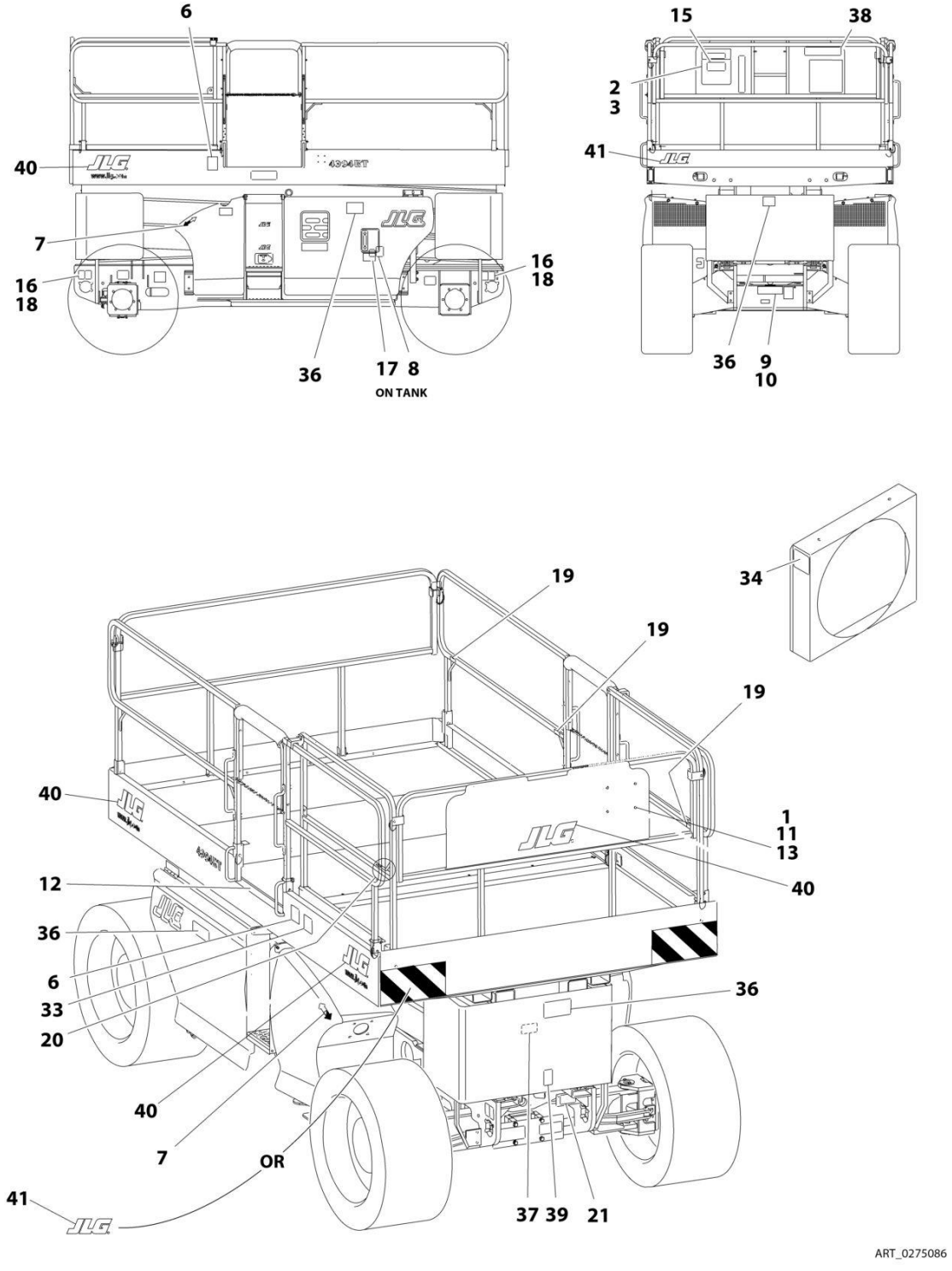


FIGURE 9-2. DECAL INSTALLATION (AUSTRALIAN AND CE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275086	Ref	DECAL INSTALLATION (AUSTRALIAN AND CE SPECS)	B
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard	
5	See Note	NSS	Decal - Bar Code (Not Shown - Located Near Control Box) (Note: Not Available for Purchase)	
6	1705515	2	Decal - 109db Sound Power Level	
7	1703687	2	Decal - Directional Arrow	
8	1704412	1	Decal - Hydraulic Oil	
9	2080057	2	Fastener	
10	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
11	3311405	4	Nut 1/4	
12	4420067	4 ft/1.2m	Tape, Safety Tread	
13	4711400	8	Washer 1/4	
15	1701509	1	Decal - Manual Reference	
16	1703811	4	Decal - Lifting Lugs	
17	1703812	1	Decal - Oil	
18	1703814	4	Decal - Tie Down	
19	1704277	8	Decal - Attach Lanyard Here	
20	1703819	1	Decal - Directional Arrow	
21	1703822	1	Decal - Manual Descent	
33	3251813	1	Nameplate - USA	
34	1703162	1	Decal - Fan Blade	
36	1706338	4	Decal - Electrocution/Crushing	
37	1705019	1	Decal - Safety Prop	
38	1705671	1	Decal - Caution	
39	1705372	1	Decal - Heading Crushing	
40	1702773	2	Decal - JLG (5in) **(SN 0200259806 to Present)**	
41	1701435	2	Decal - JLG (3-1/2in) **(SN 0200259806 to Present)**	

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

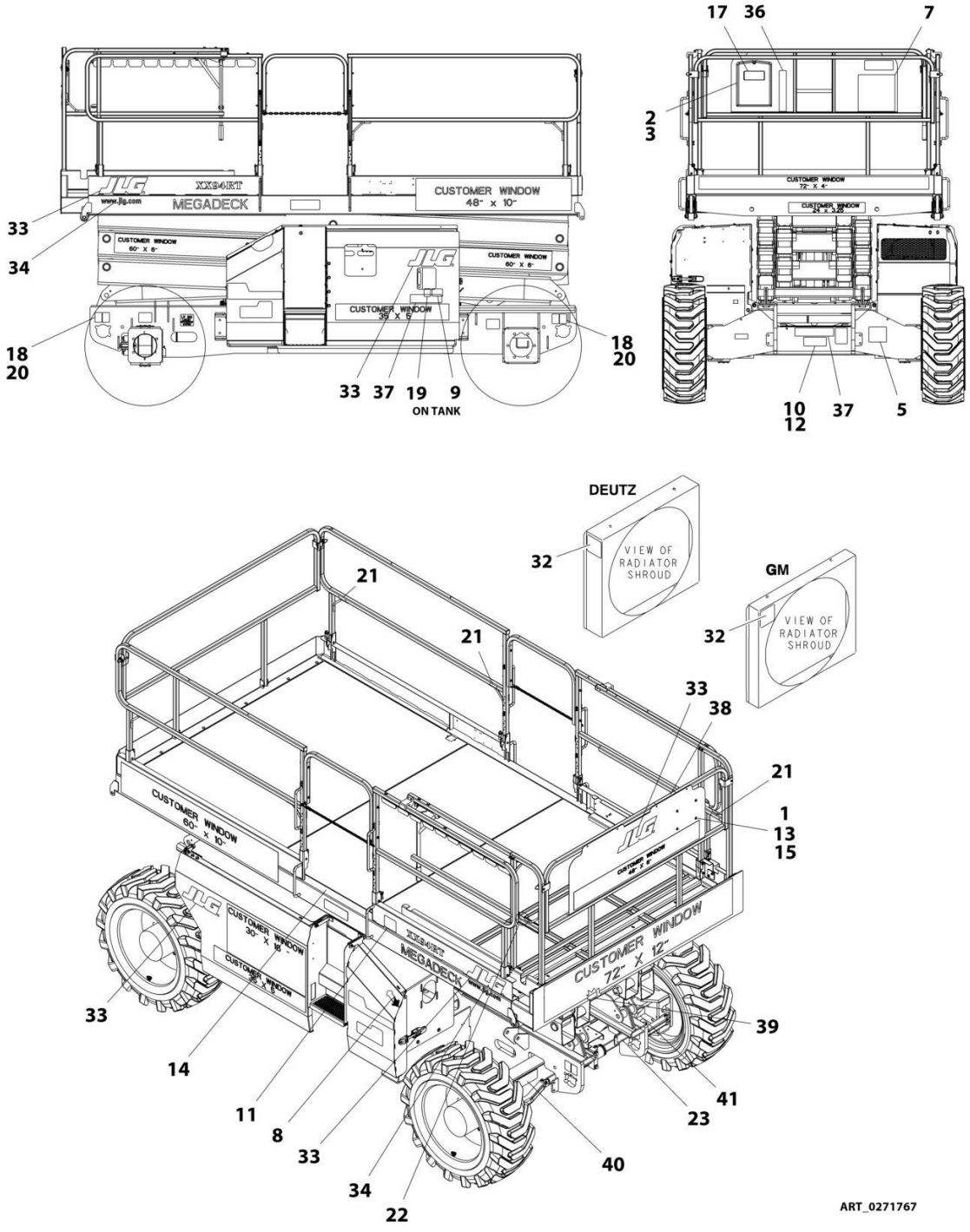


FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPEC (SPANISH/PORTUGUESE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271767	Ref	DECAL INSTALLATION - BRAZIL SPEC (SPANISH/PORTUGUESE)	4
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard	
5	1704008	1	Decal - Inspection	
6	See Note	NSS	Decal - Bar Code (Not Shown - Located Near Control Box) (Note: Not Available for Purchase)	
7	1704699	1	Decal - Danger/Warning	
8	1703687	2	Decal - Directional Arrow	
9	1704412	1	Decal - Hydraulic Oil	
10	2080057	4	Fastener	
11	3251813	1	Nameplate - USA	
12	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
13	3311405	4	Nut 1/4	
14	4420067	4 ft/1.2m	Tape, Safety Tread	
15	4711400	8	Washer 1/4	
17	1701509	1	Decal - Manual Reference	
18	1703811	4	Decal - Lifting Lugs	
19	1703812	1	Decal - Oil	
20	1703814	4	Decal - Tie Down	
21	1704277	8	Decal - Attach Lanyard Here	
22	1703819	1	Decal - Directional Arrow	
23	1703822	1	Decal - Manual Descent	
32	1703162	1	Decal - Fan Blade	
33	1702773	5	Decal - JLG	
34	1704885	2	Decal - Website	
36	1705317	1	Decal - Legend	
37	1704701	4	Decal - Crushing Hazard/Danger Electrocution	
38	1704702	1	Decal - Control Box Location	
39	1705019	1	Decal - Safety Prop	
40	1705318	1	Decal - Warning Crushing	
41	1705043	1	Decal - Danger/Electrical Hazard	

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

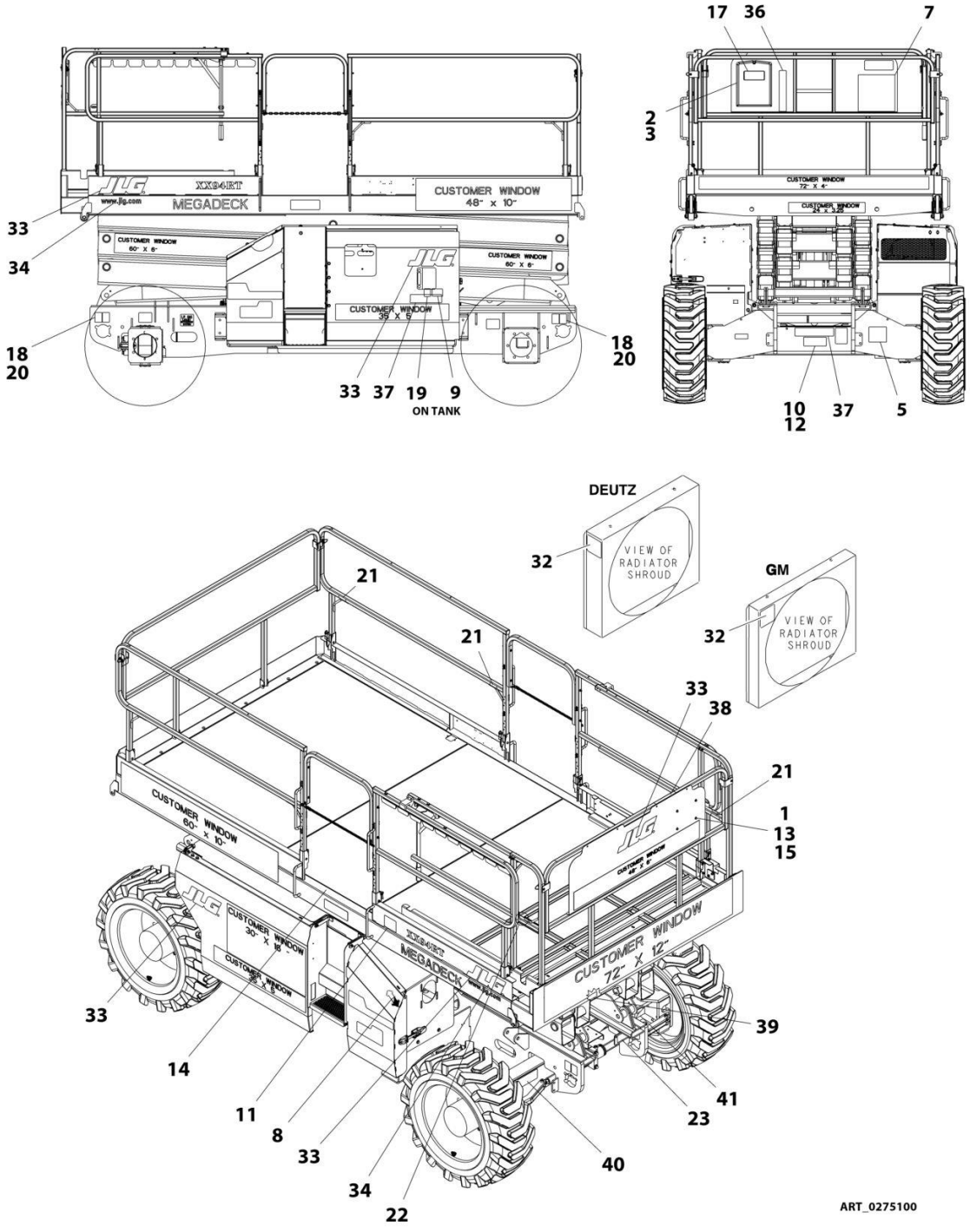


FIGURE 9-4. DECAL INSTALLATION - CHINESE SPEC (ENGLISH/CHINESE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275100	Ref	DECAL INSTALLATION - CHINESE SPEC (ENGLISH/CHINESE)	3
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard	
5	1704607	1	Decal - Inspection	
6	See Note	NSS	Decal - Bar Code (Not Shown - Located Near Control Box) (Note: Not Available for Purchase)	
7	1705195	1	Decal - Danger/Warning	
8	1703687	2	Decal - Directional Arrow	
9	1704412	1	Decal - Hydraulic Oil	
10	2080057	4	Fastener	
11	3251813	1	Nameplate - USA	
12	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
13	3311405	4	Nut 1/4	
14	4420067	4 ft/1.2m	Tape, Safety Tread	
15	4711400	8	Washer 1/4	
17	1701509	1	Decal - Manual Reference	
18	1703811	4	Decal - Lifting Lugs	
19	1703812	1	Decal - Oil	
20	1703814	4	Decal - Tie Down	
21	1704277	8	Decal - Attach Lanyard Here	
22	1703819	1	Decal - Directional Arrow	
23	1703822	1	Decal - Manual Descent	
32	1703162	1	Decal - Fan Blade	
33	1702773	5	Decal - JLG	
34	1704885	2	Decal - Website	
36	1705190	1	Decal - Legend	
37	1705193	3	Decal - Crushing Hazard/Danger Electrocution	
38	1705194	1	Decal - Control Box Location	
39	1705019	1	Decal - Safety Prop	
40	1705943	1	Decal - Warning Crushing	
41	1705944	1	Decal - Danger/Electrical Hazard	

FIGURE 9-5. DECAL INSTALLATION - CSA SPEC (ENGLISH/FRENCH)

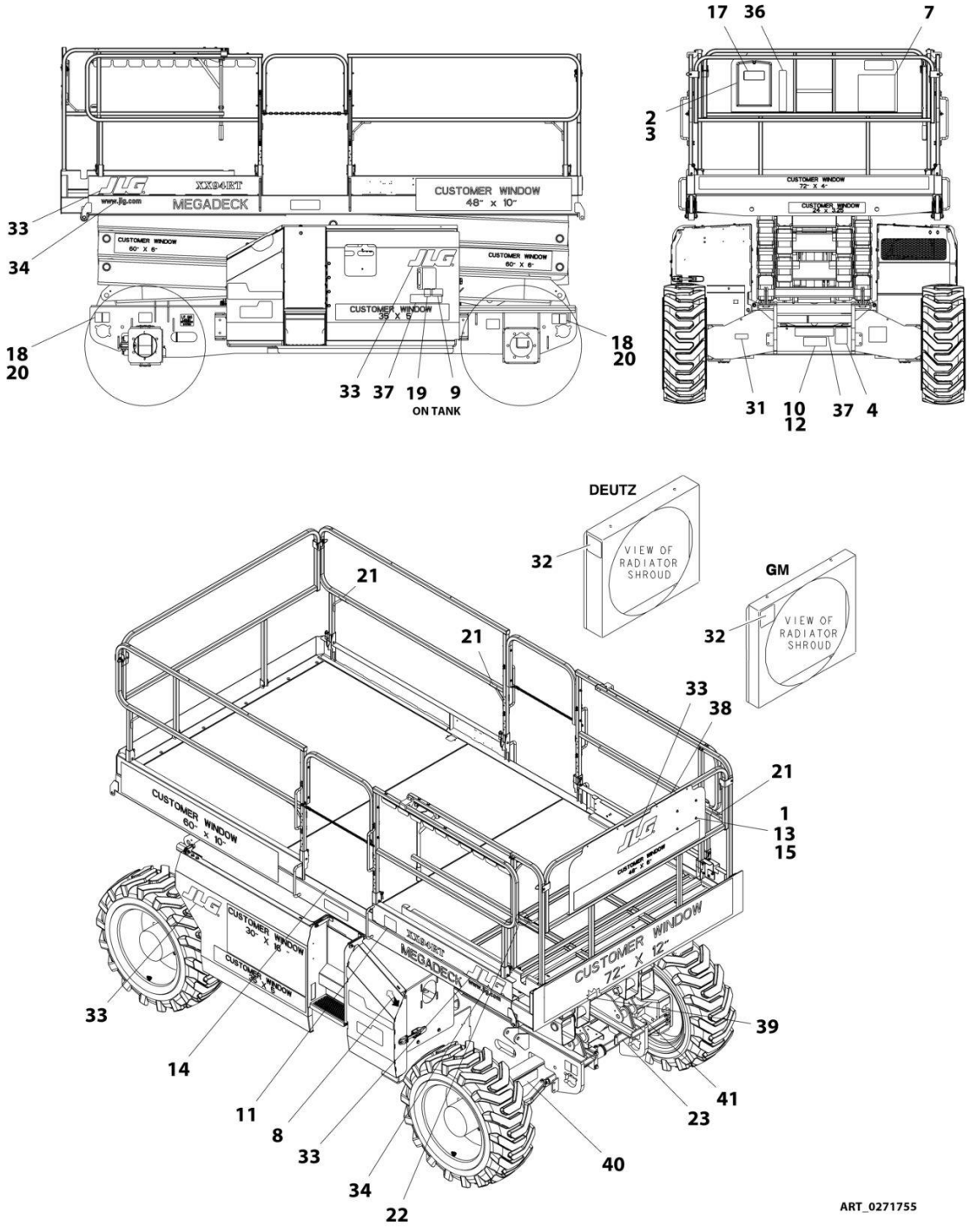


FIGURE 9-5. DECAL INSTALLATION - CSA SPEC (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271755	Ref	DECAL INSTALLATION - CSA SPEC (ENGLISH/FRENCH)	6
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard	
4	1001131270	1	Decal - Patent	
6	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
7	1704684	1	Decal - Danger/Warning	
8	1703687	2	Decal - Directional Arrow	
9	1704412	1	Decal - Hydraulic Oil	
10	2080057	4	Fastener	
11	3251813	1	Nameplate - USA	
12	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
13	3311405	4	Nut 1/4	
14	4420067	4 ft/1.2m	Tape, Safety Tread	
15	4711400	8	Washer 1/4	
17	1701509	1	Decal - Manual Reference	
18	1703811	4	Decal - Lifting Lugs	
19	1703812	1	Decal - Oil	
20	1703814	4	Decal - Tie Down	
21	1704277	8	Decal - Attach Lanyard Here	
22	1703819	1	Decal - Directional Arrow	
23	1703822	1	Decal - Manual Descent	
31	1705303	1	Decal - CSA	
32	1703162	1	Decal - Fan Blade	
33	1702773	5	Decal - JLG	
34	1704885	2	Decal - Website	
36	1705314	1	Decal - Legend	
37	1704686	3	Decal - Crushing Hazard/Danger Electrocution	
38	1704687	1	Decal - Control Box Location	
39	1705019	1	Decal - Safety Prop	
40	1705311	1	Decal - Warning Crushing	
41	1705040	1	Decal - Danger/Electrical Hazard	

FIGURE 9-6. DECAL INSTALLATION - KOREAN SPEC (ENGLISH/KOREAN)

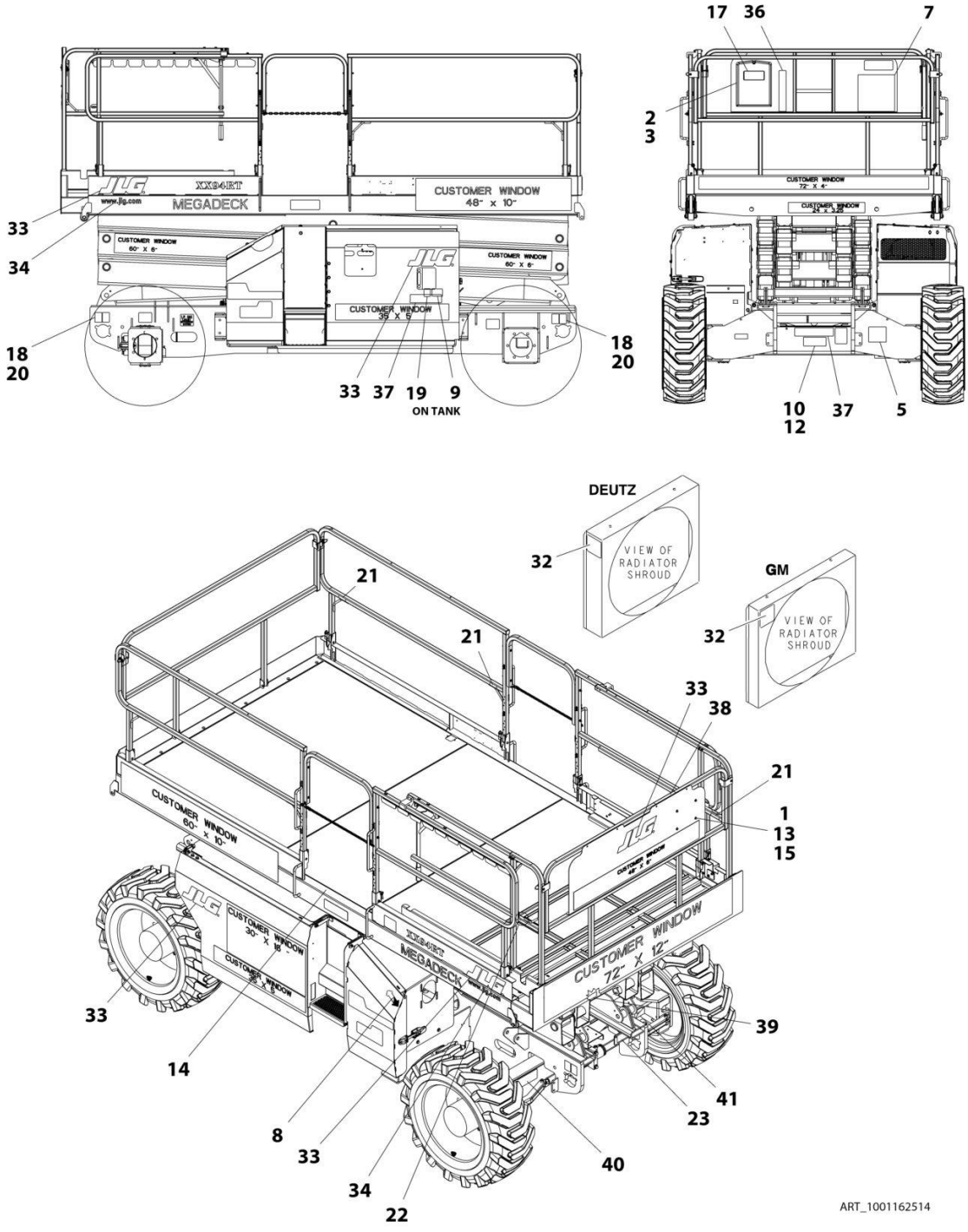


FIGURE 9-6. DECAL INSTALLATION - KOREAN SPEC (ENGLISH/KOREAN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001162514	Ref	DECAL INSTALLATION - KOREAN SPEC (ENGLISH/KOREAN)	A
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard	
5	1704607	1	Decal - Inspection	
6	See Note	NSS	Decal - Bar Code (Not Shown - Located Near Control Box) (Note: Not Available for Purchase)	
7	1001162115	1	Decal - Danger/Warning	
8	1703687	2	Decal - Directional Arrow	
9	1704412	1	Decal - Hyaulic Oil	
10	2080057	4	Fastener	
12	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
13	3311405	4	Nut 1/4	
14	4420067	4 ft/1.2m	Tape, Safety Tread	
15	4711400	8	Washer 1/4	
17	1701509	1	Decal - Manual Reference	
18	1703811	4	Decal - Lifting Lugs	
19	1703812	1	Decal - Oil	
20	1703814	4	Decal - Tie Down	
21	1704277	8	Decal - Attach Lanyard Here	
22	1703819	1	Decal - Directional Arrow	
23	1703822	1	Decal - Manual Descent	
32	1703162	1	Decal - Fan Blade	
33	1702773	4	Decal - JLG	
34	1704885	2	Decal - Website	
36	1001162110	1	Decal - Legend	
37	1001162111	3	Decal - Crushing Hazard/Danger Electrocution	
38	1001162112	1	Decal - Control Box Location	
39	1705019	1	Decal - Safety Prop	
40	1001162113	1	Decal - Warning Crushing	
41	1001162114	1	Decal - Danger/Electrical Hazard	

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FIGURE 9-7. DECAL INSTALLATION - LATIN AMERICAN SPEC (ENGLISH/SPANISH)

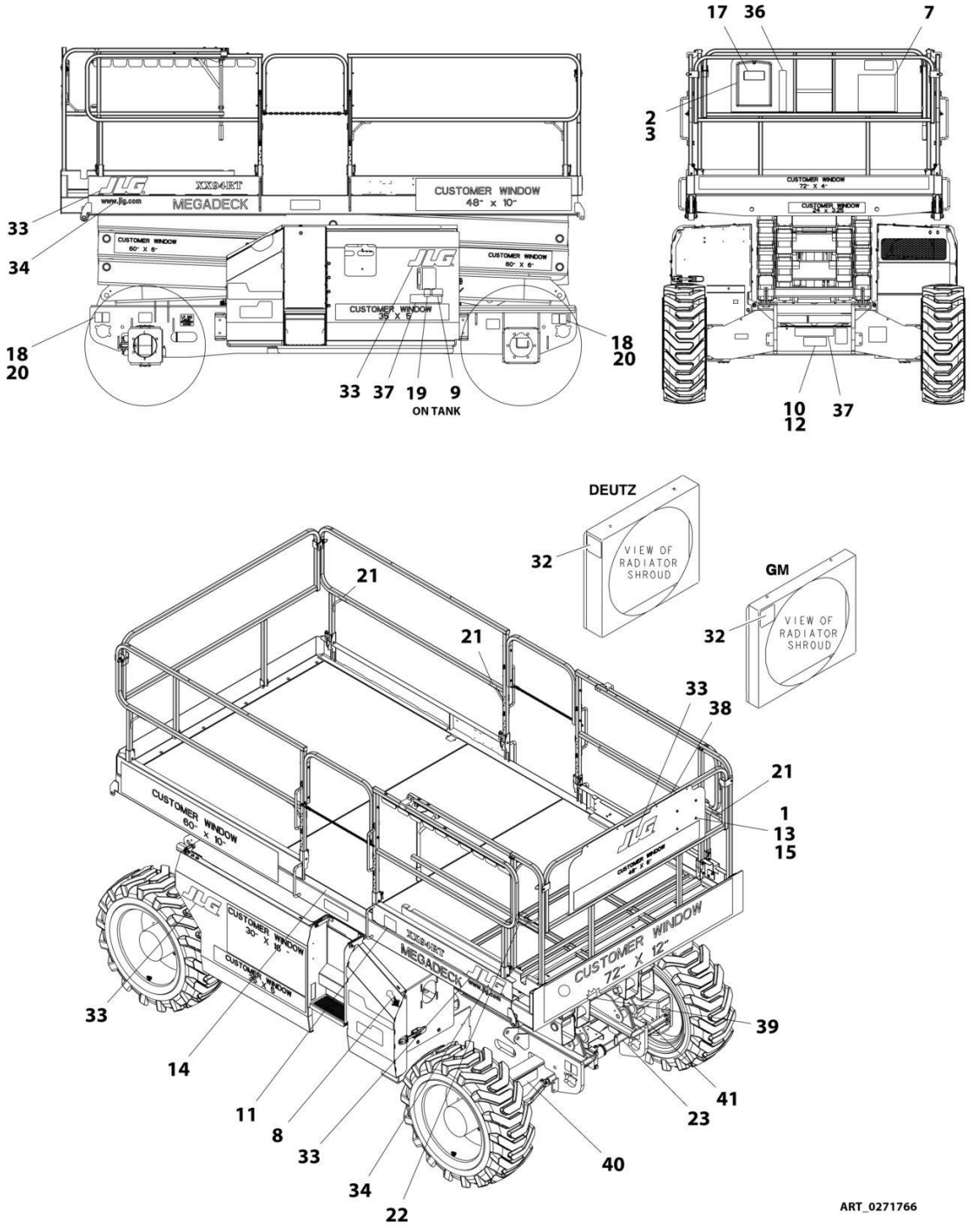


FIGURE 9-7. DECAL INSTALLATION - LATIN AMERICAN SPEC (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0271766	Ref	DECAL INSTALLATION - LATIN AMERICAN SPEC (ENGLISH/SPANISH)	5
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0641405	4	Bolt 1/4 x 5/8	
2	0860520	1	Box, Manual Storage	
3	1060279	1	Cable, Lanyard	
6	See Note	NSS	Decal - Bar Code (Not Shown - Located Near Control Box) (Note: Not Available for Purchase)	
7	1704691	1	Decal - Danger/Warning	
8	1703687	2	Decal - Directional Arrow	
9	1704412	1	Decal - Hydraulic Oil	
10	2080057	4	Fastener	
11	3251813	1	Nameplate - USA	
12	See Note	NSS	Nameplate - Serial Number (Note: Not Available for Purchase)	
13	3311405	4	Nut 1/4	
14	4420067	4 ft/1.2m	Tape, Safety Tread	
15	4711400	8	Washer 1/4	
17	1701509	1	Decal - Manual Reference	
18	1703811	4	Decal - Lifting Lugs	
19	1703812	1	Decal - Oil	
20	1703814	4	Decal - Tie Down	
21	1704277	8	Decal - Attach Lanyard Here	
22	1703819	1	Decal - Directional Arrow	
23	1703822	1	Decal - Manual Descent	
32	1703162	1	Decal - Fan Blade	
33	1702773	5	Decal - JLG	
34	1704885	2	Decal - Website	
36	1705315	1	Decal - Legend	
37	1704693	3	Decal - Crushing Hazard/Danger Electrocution	
38	1704694	1	Decal - Control Box Location	
39	1705019	1	Decal - Safety Prop	
40	1705316	1	Decal - Warning Crushing	
41	1705041	1	Decal - Danger/Electrical Hazard	

FIGURE 9-8. DECAL INSTALLATION - OPTIONS

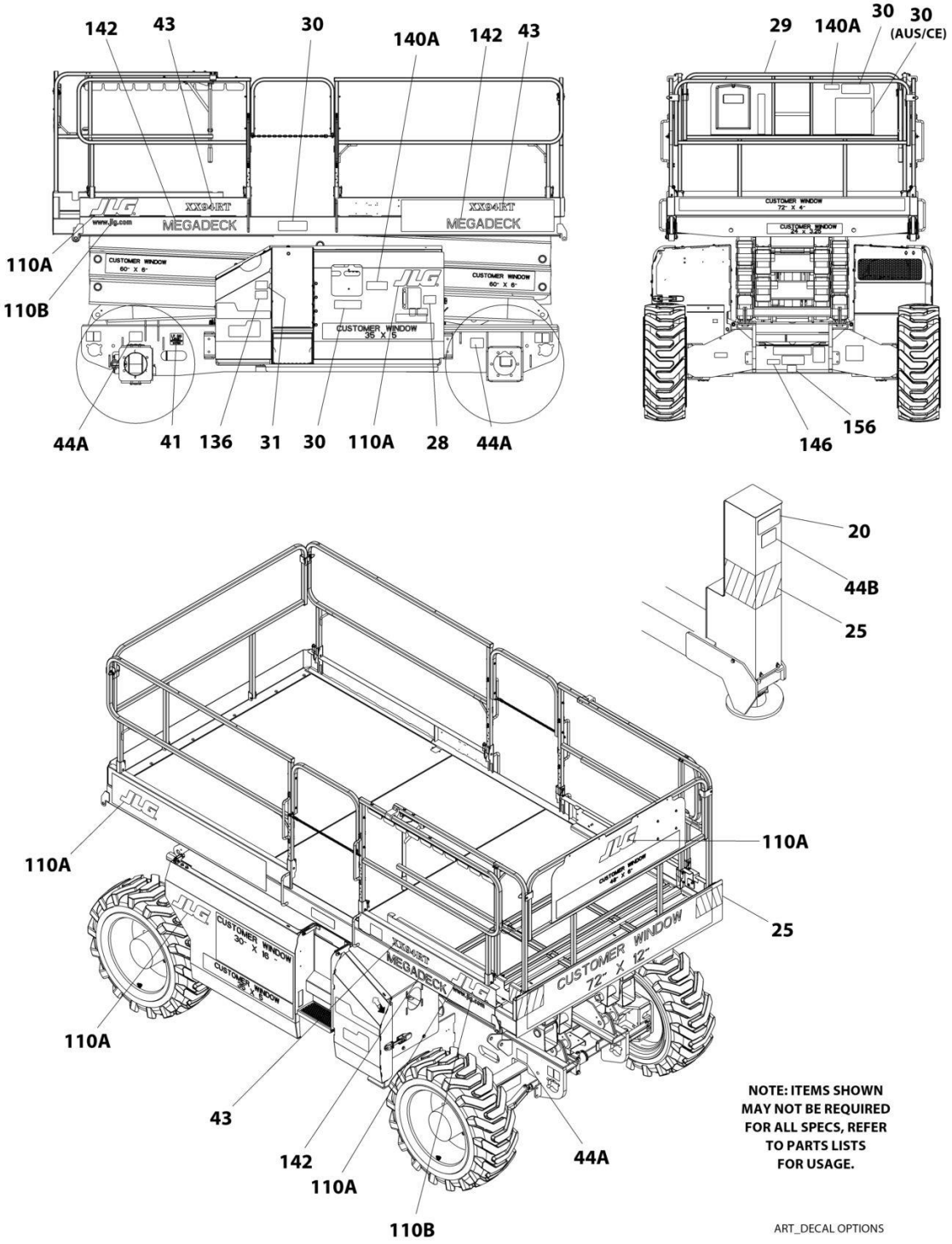


FIGURE 9-8. DECAL INSTALLATION - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001170776	Ref	DECAL INSTALLATION - REFERENCE CHART (ALL SPECS EXCEPT AUSTRALIAN AND CE SPECS)	A
	1283317	Ref	DECAL INSTALLATION - REFERENCE CHART (AUSTRALIAN AND CE SPECS ONLY)	J
	1001165100	Ref	DECAL INSTALLATION - OPTIONS	
20	1701214	8	Decal - Outrigger Warning (ANSI Spec Only) (English)	
20	1701785	8	Decal - Outrigger Warning (Australian and CE Specs Only) (English)	
20	1704698	8	Decal - Outrigger Warning (Brazilian Spec Only) (Spanish/Portuguese)	
20	1704690	8	Decal - Outrigger Warning (CSA Spec Only) (English/French)	
20	1001215447	1	Decal - Outrigger Warning (Korean Spec Only) (English/Korean)	
20	1704697	8	Decal - Outrigger Warning (Latin American Spec Only) (English/Spanish)	
25	0251642	Ref	Corner Stripes Installation - Single Deck Extension	D
25	0253807	Ref	Corner Stripes Installation - Dual Deck Extension	1
25	4420051	AR	Tape, Safety	
28	1704174	1	Decal - Synthetic Biodegradable Hydraulic Fluid (Optional - All Specs except German Spec)	
28	1702788	1	Decal - Biodegradable Hydraulic Fluid (Optional - All Specs except German Spec)	
28	1704175	1	Decal - Synthetic Biodegradable Hydraulic Fluid (German Spec Only)	
28	1703479	1	Decal - Biodegradable Hydraulic Fluid (German Spec Only)	
29	1702962	1	Decal - Warning Prop (Diesel) (ANSI Spec Only)	
29	1702961	1	Decal - Warning Prop (Gas) (ANSI Spec Only)	
30	1705020	4	Decal - Capacity 2250lbs/909kg (3394RT with Single Deck Extension) (ANSI and ANSI Export Specs Only)	
30	3252757	4	Decal - Capacity 2000lbs/795kg (3394RT with Dual Deck Extension) (ANSI and ANSI Export Specs Only)	
30	1705021	4	Decal - Capacity 1500lbs/681kg (4394RT with Single Deck Extension) (ANSI and ANSI Export Specs Only)	
30	1705022	4	Decal - Capacity 1250lbs/568kg (4394RT with Dual Deck Extension) (ANSI and ANSI Export Specs Only)	
30	1705034	1	Decal - Capacity 1020kg (3394RT with Single Deck Extension) (Australian and CE Specs Only)	
30	1705035	1	Decal - Capacity 905kg (3394RT with Dual Deck Extension) (Australian and CE Specs Only)	
30	1705036	1	Decal - Capacity 680kg (4394RT with Single Deck Extension) (Australian and CE Specs Only)	
30	1705037	1	Decal - Capacity 565kg (4394RT with Dual Deck Extension) (Australian and CE Specs Only)	
31	1701505	1	Decal - Fuel (Diesel)	
31	1701542	1	Decal - Fuel (Gas)	
41	1700818	1	Decal - LP (English Language)	
41	1704271	1	Decal - LP (English/French Language)	
41	1702720	1	Decal - LP (Spanish Language)	
43	1705038	2	Decal - Model Designation (3394RT)	
43	1705039	2	Decal - Model Designation (4394RT)	
44A	1703493	4	Decal - Max Tire Load (Machines without Leveling Jacks)	
44B	1705042	4	Decal - Max Load (Machines with Leveling Jacks)	
110	1001170869	1	JLG Decals Installation (Not Shown)	
110A	1702773	5	Decal - JLG	

SECTION 9 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
110B	1704885	2	Decal - Website	
136	1001125387	1	Decal - Ultra Sulfur Fuel (Deutz D2.9L4 Engine Machines Only)	
140	1001112548	Ref	Decal - Hearing Protection (3394RT Machines Only) (ANSI Spec Only)	
140A	1706837	2	Decal - Hearing Loss	
142	1001142595	2	Decal - Megadeck	
146	1001143852	1	Decal - Emission Compliance (ANSI Export, Australian and CE Specs Only)	
156	1001214029	Ref	Decal - EAC Installation (CIS and Russia Specs)	
156A	1001173703	1	Decal - EAC	

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.	
		Ref	STANDARD PARTS	
	70001965	1	Coil	
	7017451	1	Coil	
	3740067	1	Relay	
	3740080	1	Relay	
	70010383	1	Element, Charge Filter	
	70001960	4	Element, Return Filter	
	70002113	1	Breather, Hydraulic Tank	
	4360070	1	Breaker, Circuit	
	4360328	1	Switch, Toggle	
	4360387	1	Switch, Push Button	
	2860030	1	Key, Replacement	
	4360475	1	Switch, Mushroom, Switch, Mushroom	
	1810140	1	Switch, Dual Axis	
	4360500	1	Switch, Rotary Angle Sensor	
	4360502	1	Switch, Proximity	
	4360524	1	Switch, Toggle	
	4360525	1	Switch, Toggle	
	70000082	1	Microswitch	
	7027367	1	Switch, Push Button	
	70000081	1	Potentiometer	
	3990010	2	Diode	
		Ref	VARIABLE PARTS	
	70001977	1	Coil (All Specs except CE Spec)	
	70001967	1	Coil (All Specs except CE Spec)	
	70050516	1	Coil (CE Spec)	
	70002963	1	Coil (CE Spec)	
	70001977	1	Coil (Machines with Power Deck)	
	7016331	1	Filter, Oil (Deutz D2011 Engine Machines)	
	7020023	4	Filter, Spin On Fuel (Deutz D2011 Engine Machines)	
	7027245	4	Filter, Inline Fuel (Deutz D2011 Engine Machines)	
	7024438	1 doz	Element, Air Cleaner (Deutz D2011 Engine)	
	3740049	1	Relay (Deutz D2011 Engine Machines)	
	7016641	1	Filter, Oil (Deutz D2.9L4 Engine Machines)	
	70025154	1	Filter, Fuel (Deutz D2.9L4 Engine Machines)	
	70025161	1	Filter, Fuel (Deutz D2.9L4 Engine Machines)	
	70003937	1 doz	Element, Air Cleaner (Deutz D2.9L4 Engine)	
	70025210	1	Module, Control (Deutz D2.9L4 Engine Machines)	
	1001138228	1	Module, Power Relay (Deutz D2.9L4 Engine Machines)	
	70023593	2	Fuse - 30Amp (Deutz D2.9L4 Engine Machines)	
	70023592	2	Fuse - 20Amp (Deutz D2.9L4 Engine Machines)	
	7027965	1	Filter, Oil (GM Engine Machines)	
	7027972	4	Filter, Inline Fuel (GM Engine Machines)	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	7024438	1 doz	Element, Air Cleaner (GM Engine)	
	1001135570	1	Module, Ground Control	
	1001182481	1	Module (Machines with Power Options)	
	3740067	1	Relay (Machines with Power Deck)	
	4360469	1	Switch, Key (All Specs except CE Spec)	
	4360470	1	Switch, Key (CE Spec)	
	4360483	1	Switch, Toggle (Diesel Machines)	
	4360482	1	Switch, Toggle (Gas Machines)	
	3740080	1	Relay (Machines with Generator)	
	4360482	1	Switch, Toggle (Machines with Generator)	
	4360070	1	Breaker, Circuit (Deutz D2.9L4 with 7500W Generator)	
	2940074	1	Latch (With Swing Gates)	
	1001101076	1	Latch, Snap (With Chain Entry)	
	2400056	2	Fuse - 5Amp (With Beacon Light Option)	
	4360548	1	Switch, Limit (With Leveling Jacks)	
	8229242	2	Fuse - 5Amp (Deutz D2.9L4 Engine Machines)	
	80983191	2	Fuse - 10Amp (Deutz D2.9L4 Engine Machines)	

SECTION 11 - SPECIAL OPTIONS

FIGURE 11-1. SPECIAL OPTIONS LIST

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 the JLG Parts Department.	
	1001233047	Ref	Air Intake Breather Heater Add-on Kit (Deutz T4F Engines)	
	0271782	Ref	Airline to Platform Installation - 1/2in 3394RT	
	0271783	Ref	Airline to Platform Installation - 1/2in 4394RT	
	1001183337	Ref	Circuit Breaker (RCD) Box Installation	
	1001229107	Ref	ClearSky Telematics Installation	
	0271786	Ref	Cold Weather Package Installation (Deutz D2011 Engine Machines)	
	1001151902	Ref	Cold Weather Package Installation (Deutz D2.9L4 Engine Machines)	
	0275149	Ref	Cold Weather Package Installation (GM Engine Machines)	
	1001108500	Ref	Container Shipment Preparation	
		Ref	Decal Installations	
	1001196612	Ref	Decal - Ahern	
	1001196700	Ref	Decal - Blueline **(SN 0200239053 through 0200260361)**	
	1001224015	Ref	Decal - Blueline **(SN 0200260362 to Present)**	
	1001229699	Ref	Decal - ClearSky	
	1001200301	Ref	Decal - Customer Supplied Decals	
	1001115671	Ref	Decal - FedEx	
	0274680	Ref	Decal - Head and Engquist Equipment L.L.C (H&E)	
	1001221960	Ref	Decal - Herc Rentals	
	1001128997	Ref	Decal - Hertz	
	1001222118	Ref	Decal - Hertz (Canada)	
	0274249	Ref	Decal - National Equipment Services (NES)	
	1001218718	Ref	Decal - Riwal	
	0272289	Ref	Decal - Sunbelt **(SN 0200239053 through 0200246956)**	
	1001197868	Ref	Decal - Sunbelt (3394RT) **(SN 0200246957 to Present)**	
	1001197870	Ref	Decal - Sunbelt (4394RT) **(SN 0200246957 to Present)**	
	1001151164	Ref	Decal - Titan Rentals	
	0271666	Ref	Decal - United Rentals	
	1001098292	Ref	Decal - UPS	
	1001141644	Ref	Decal - Volvo	
		Ref	Decal Kits	
	1001125243	Ref	Decal Kit - Calibration (3394RT) (Located on Arms)	
	1001125242	Ref	Decal Kit - Calibration (4394RT) (Located on Arms)	
	2902066	Ref	Decal Kit - Country Spec (ANSI)	
	2902912	Ref	Decal Kit - Country Spec (Brazil) (Spanish/Portuguese Languages)	
	2902190	Ref	Decal Kit - Country Spec (CSA) (English/French Languages)	
	1001162116	Ref	Decal Kit - Country Spec (Korea) (English/Korean Languages)	
	2902191	Ref	Decal Kit - Country Spec (Latin America) (English/Spanish Languages)	
	2901912	Ref	Decal Kit - Master	
	1001209222	Ref	Decal Kit - Service (3394RT)	
	1001209221	Ref	Decal Kit - Service (4394RT)	
	2300040	Ref	Diesel Fuel Conditioner	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp Connector Kit	

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001148903	Ref	Deutsch DT Connector Kit	
	1001148904	Ref	Deutsch HD Connector Kit	
	1001148905	Ref	Packard Connector Kit	
	1001148906	Ref	Various Connector Kit	
	1001179261	Ref	Engine Installation with Modine Radiator (Without Arctic Package) (Note: Released after production ceased)	
	1001179260	Ref	Engine Sub-Assembly with Pumps with Modine Radiator (Without Arctic Package) (Note: Released after production ceased)	
	1001179259	Ref	Engine Assembly with Modine Radiator (Without Arctic Package) (Note: Released after production ceased)	
	1001179265	Ref	Engine Installation with Modine Radiator (With Arctic Package) (Note: Released after production ceased)	
	1001179264	Ref	Engine Sub-Assembly with Pumps with Modine Radiator (With Arctic Package) (Note: Released after production ceased)	
	1001179263	Ref	Engine Assembly with Modine Radiator (With Arctic Package) (Note: Released after production ceased)	
	1001156953	Ref	Fan Guard (D2.9L4 Engines)	
	1001235569	Ref	Fan & Belt Shield Add-on Kit (Deutz T4i D2011 Engines)	
		Ref	Filter Kits	
		Ref	Deutz Engine	
	1001114030	1	Combined Filter Kit (Hydraulic/Air and Fuel/Engine Oil) **(SN 0200239053 through 0200224892)**	
	1001181152	1	Combined Filter Kit (Hydraulic/Air and Fuel/Engine Oil) **(SN 0200224893 to Present)**	
	1001114029	1	Hydraulic/Air Filter	
	1001111685	1	Fuel/Engine Oil Filter	
		Ref	GM Engine	
	1001150357	1	Combined Filter Kit (Hydraulic/Air and Fuel/Engine Oil)	
	1001175145	Ref	Fire Extinguisher Installation	
		Ref	Fluids	
	2300004	Ref	Coolant, Antifreeze (GM Engines)	
	3020008	Ref	Drive Hub Lubricant	
	2300040	Ref	Diesel Fuel Conditioner	
	1001115930	Ref	Engine Oil 10W-30 (Machines With GM Tier III Engines)	
	2300014	Ref	Hydraulic Fluid - Mobil 424	
	2300027	Ref	Hydraulic Fluid - Mobil 224H Bio	
	2300029	Ref	Hydraulic Fluid - Mobil EAL ISO 46 Bio	
	2300016	Ref	Hydraulic Fluid - Mobil DTE 10 EXCEL 32	
	2300021	Ref	Hydraulic Fluid - Union Carbide Ucon HP5046 Fire Resistant	
	2300027	Ref	Hydraulic Fluid - Mobil EAL 224 H	
	2300039	Ref	Hydraulic Fluid - Exxon Univis HVI 26	
	1001112109	Ref	Forklift Pockets Installations	
	1001202749	Ref	Fuel Cap Cover Installation (Black) (Note: Lock p/n 1001102157 Must be Purchased Separately)	
	1001191395	Ref	Fuel Cap Cover Installation (Green) (Diesel Machines) (Note: Lock p/n 1001102157 Must be Purchased Separately)	
	1001191394	Ref	Fuel Cap Cover Installation (Red) (Gas Machines) (Note: Lock p/n 1001102157 Must be Purchased Separately)	
	1001110509	Ref	Ground Control Box Panel Cover Installation	
	1001111280	Ref	Ground Control Box Panel Light Installation	
	0272726	Ref	Headlights and Taillights Installation without Directional Signals	
	1001110538	Ref	Headlights and Taillights Installation with Directional Signals	
	1001190929	Ref	Kits List	
	1001110706	Ref	Platform Console Box with Cover and Lights Installation	

SECTION 11 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151233	Ref	Platform Console Box with Turn Signal and Lights Installation (Dual Fuel Machines)	
	1001151234	Ref	Platform Console Box with Turn Signal and Lights Installation (Diesel Machines)	
	0271750	Ref	Platform Floodlights Installation - 3394RT	
	0271751	Ref	Platform Floodlights Installation - 4394RT	
	1001165122	Ref	Platform Rail Padding with Limit Switches (Dual Extension) (ANSI and ANSI Export)	
	1001148913	Ref	Platform Top Rail Padding Installation (Single Extension)	
	1001149364	Ref	Platform Top Rail Padding Installation (Dual Extension)	
	0271749	Ref	Platform Worklights Installation - 3394RT	
	1001137964	Ref	Platform Worklights Installation - 3394RT (Dual Extension)	
	0273801	Ref	Platform Worklights Installation - 4394RT	
	1001137965	Ref	Platform Worklights Installation - 4394RT (Dual Extension)	
	0274260	Ref	Platform Workstation Installation	
	1001200380	Ref	Radiator Replacement Kit (Replacing RCP Radiator with Modine Radiator) (ANSI-USA & CSA Specs)	
	1001200299	Ref	Telematics Options (Customer Supplied):	
	1001210089	Ref	CAT	
	1001209282	Ref	Loxam	
	1001210090	Ref	Riwal	
	1001195610	Ref	United Rentals - M6	
	1001214463	Ref	United Rentals - M8	
		Ref	Tools for Service	
		Ref	Note: See GM Engine Supplement P/N 3121245 for GM	
		Ref	Engine Tools	
	7002821	1	Crimper, Wire	
	7002823	1	Extractor, Pin - Universal	
	4460467	AR	Extractor, Pin #16 Gauge	
	4460510	AR	Extractor, Pin #12 Gauge	
	7004275	1	Installer, Cylinder Seal - 1in	
	7004276	1	Installer, Cylinder Seal - 1-1/2in	
	7002826	1	Installer, Cylinder Seal - 2in	
	7016654	1	Screwdriver, Magnetic	
	7002822	1	Screwdriver, Potentiometer	
	7002828	1	Stripper, Wire	
	2901443	1	Analyzer Kit	
	1001137005	1	USB to RS232 Drive Installation (Service Kit)	

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