



Illustrated Parts Manual

***Model
RT5394***

**PVC
2304**

**P/N
31221549
February 5, 2024 - Rev B**

ANSI

CE



**UK
CA**

AS/NZS



An Oshkosh Corporation Company

REVISION LOG

April 10, 2023 - A - Original Issue of Manual (Edited to 1001275394 Rev G)

February 5, 2024 - B - Revised Manual (Edited to 1001275394 Rev J)

GENERAL INFORMATION



1) MACHINE IDENTIFICATION

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

2) PARTS MANUAL ORGANIZATION

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

3) TABLE OF CONTENTS (NOT SHOWN)

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

4) RECOMMENDED SPARE PARTS (NOT SHOWN)

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

5) PART NUMBER INDEX (NOT SHOWN)

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

GENERAL INFORMATION

6) NON-SERVICED PARTS

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

7) PARTS LIST ITEM NUMBERS

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

8) INDENTED PARTS DESCRIPTION

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

9) ABBREVIATION AND SYMBOLS

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

10) ILLUSTRATION REFERENCE LETTERS

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

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

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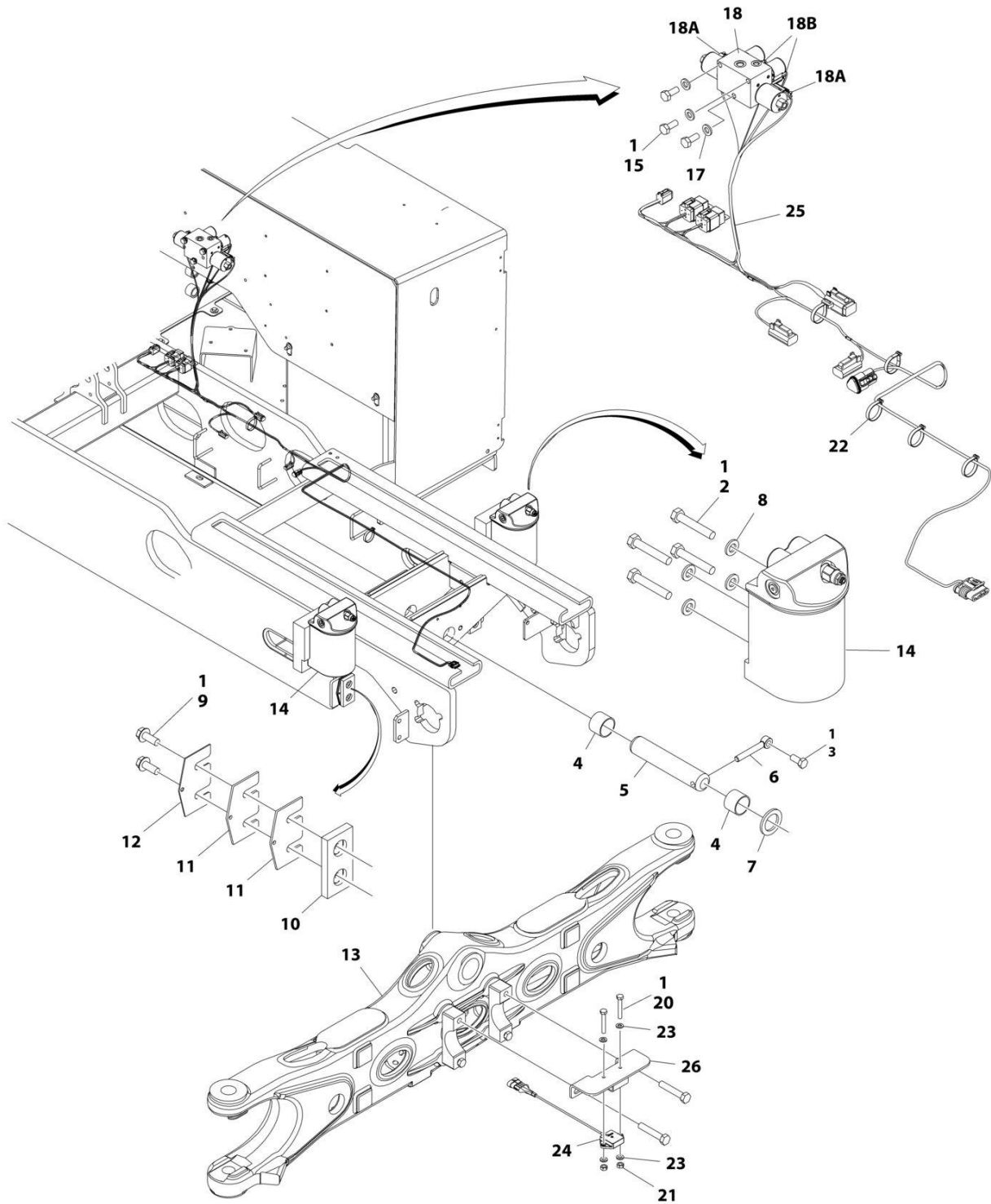
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SECTION 1 - FRAME

SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - OSCILLATING



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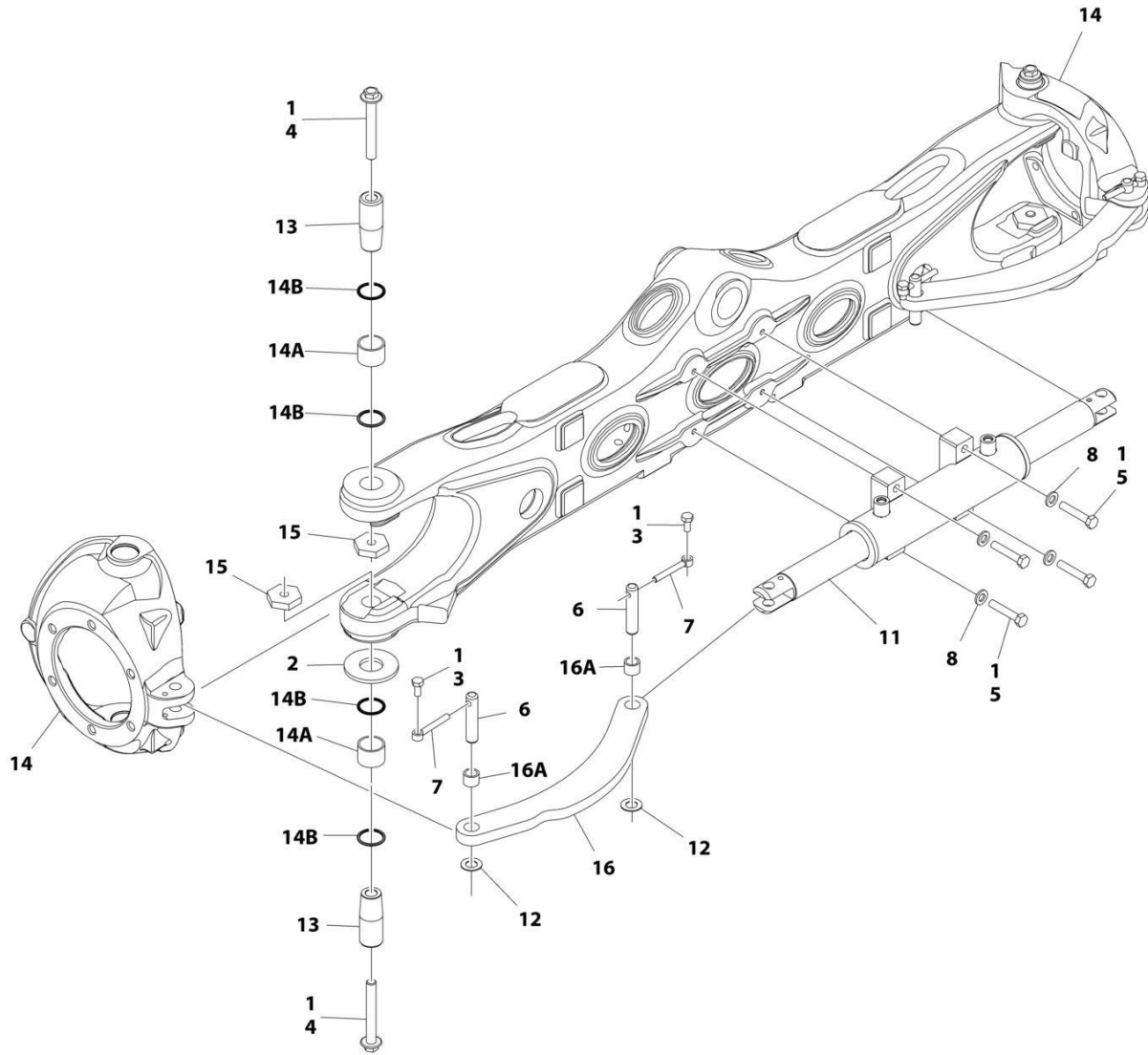
SECTION 1 - FRAME

FIGURE 1-1. AXLE INSTALLATION - OSCILLATING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177749	Ref	AXLE INSTALLATION - OSCILLATING	F
1	0100011	AR	Compound, Locking	
2	0701222	8	Bolt M12 x 70	
3	0761615	1	Bolt M16 x 35	
4	0961950	2	Bearing	
5	3422592	1	Pin	
6	3841258	1	Keeper, Pin	
7	4740158	1	Washer	
8	5241200	8	Washer M12	
9	5251012	4	Bolt M10 x 25	
10	1001118511	2	Pad, Wear	
11	1001118518	4	Shim 11Ga	
12	1001118519	2	Shim 16Ga	
13	1001162995	1	Axle	
14	1001163580	2	Axle Lockout Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
15	0701012	3	Bolt M10 x 25	
17	5241000	3	Washer M10	
18	1001191201	1	Axle Lockout Valve Assembly	
18A	7012910	2	Cartridge, Solenoid Less Coil	
18A	2900708	2	Seal Kit - 7012910 Valve	
18A	70003977	2	Nut, Coil	
18A	70050516	2	Coil	
18B	70005163	2	Cartridge, Solenoid Less Coil	
18B	70005164	2	Seat Kit - 70005163 Valve	
18B	7022390	2	Nut, Coil	
18B	70002963	2	Coil	
20	0700616	2	Bolt M6 x 40	
21	3290601	2	Nut M6	
22	4240018	5	Tie-Strap	
23	4811700	4	Washer M6	
24	1001186467	1	Sensor, Dual Axis	
25	1001187601	1	Oscillating Axle Harness (See Separate Breakdown in ELECTRICAL SECTION)	
26	1001187695	1	Bracket	

SECTION 1 - FRAME

FIGURE 1-2. STEER INSTALLATION



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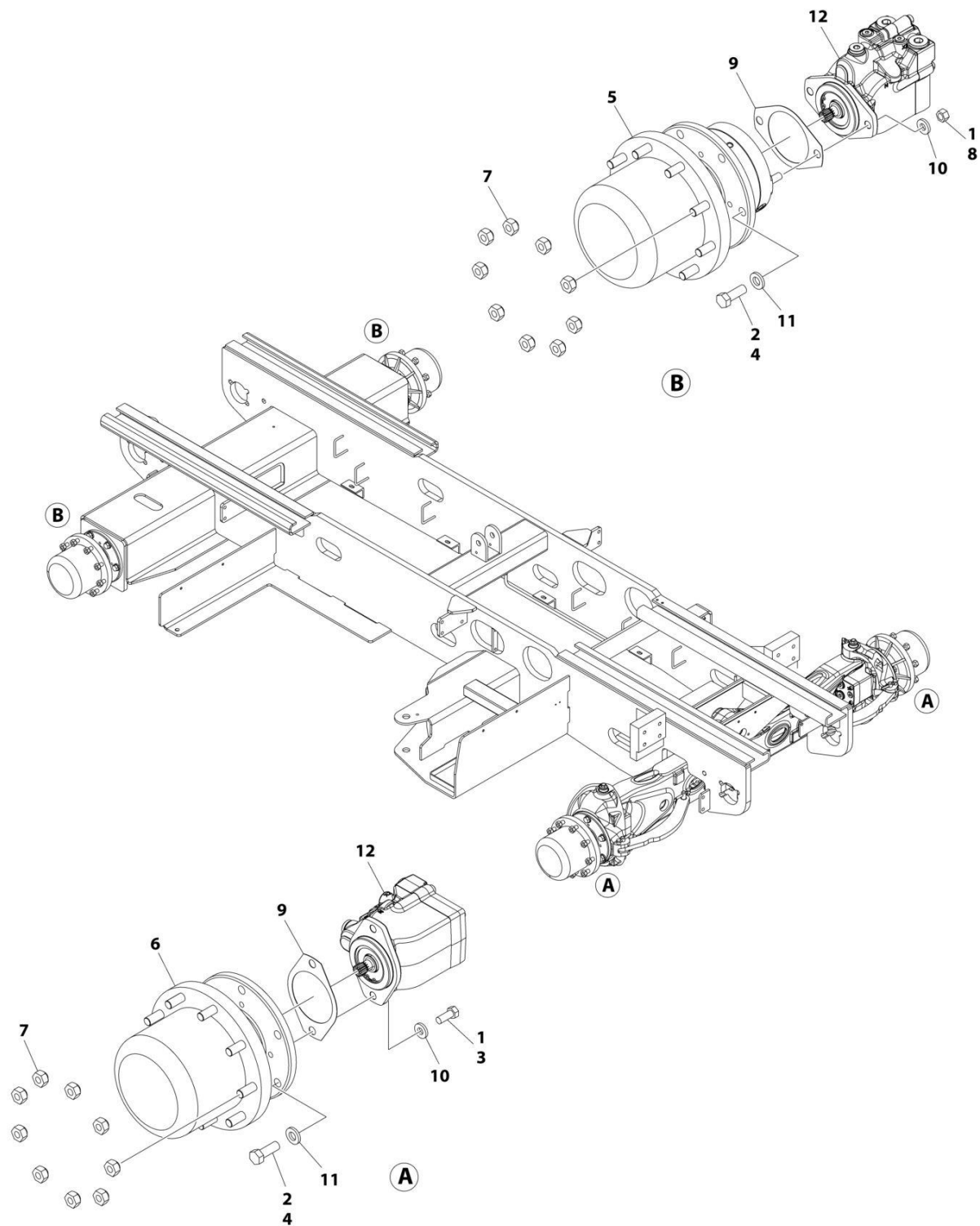
SECTION 1 - FRAME

FIGURE 1-2. STEER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177747	Ref	STEER INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	1001233139	2	Washer, Thrust	
3	0761011	4	Bolt M10 x 22	
4	1001190368	4	Bolt M16 x 120	
5	0711221	4	Bolt M12 x 65	
6	3423304	4	Pin, Pivot	
7	3841143	4	Keeper, Pin	
8	5241200	4	Washer M12	
11	1001163178	1	Steer Cylinder Assembly (See Separate Breakdown in CYLINDER SECTION)	
12	4740086	4	Washer	
13	1001163405	4	Kingpin	
14	1001163715	2	Spindle Assembly	
14A	0961948	2	Bearing	
14B	1001163716	4	Seal	
15	1001176848	4	Nut M16	
16	1001179256	2	Tie-Rod	
16A	1001164209	2	Bearing	

SECTION 1 - FRAME

FIGURE 1-3. WHEEL DRIVE INSTALLATION



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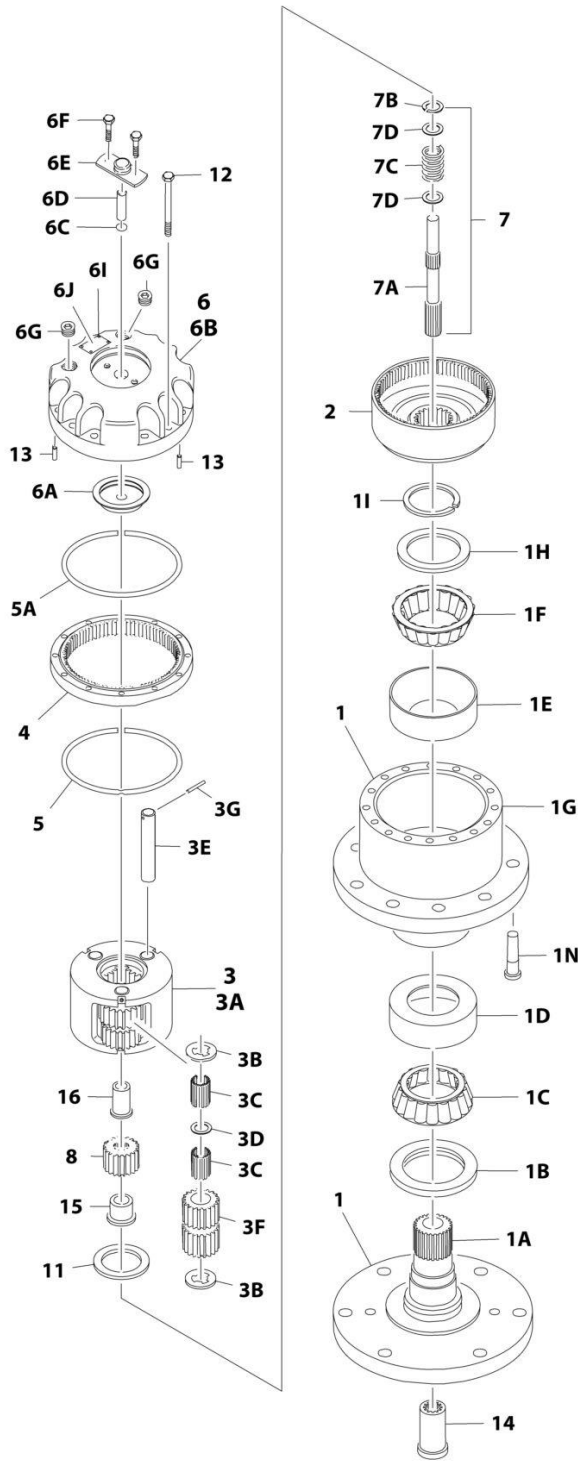
SECTION 1 - FRAME

FIGURE 1-3. WHEEL DRIVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286954	Ref	WHEEL DRIVE INSTALLATION	A
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	2780267	2	Hub Assembly - Drive (Rear) (See Separate Breakdown in this Section)	
6	2780268	2	Hub Assembly - Drive (Front) (See Separate Breakdown in this Section)	
7	3300106	36	Nut, Wheel	
8	3311801	4	Nut 1/2	
9	3960526	4	Gasket	
10	4891800	8	Washer 1/2	
11	4892000	24	Washer 5/8	
12	1001286948	4	Motor Assembly - Drive (See Separate Breakdown in this Section)	

SECTION 1 - FRAME

FIGURE 1-4. DRIVE HUB ASSEMBLY - FRONT



ART_2780268

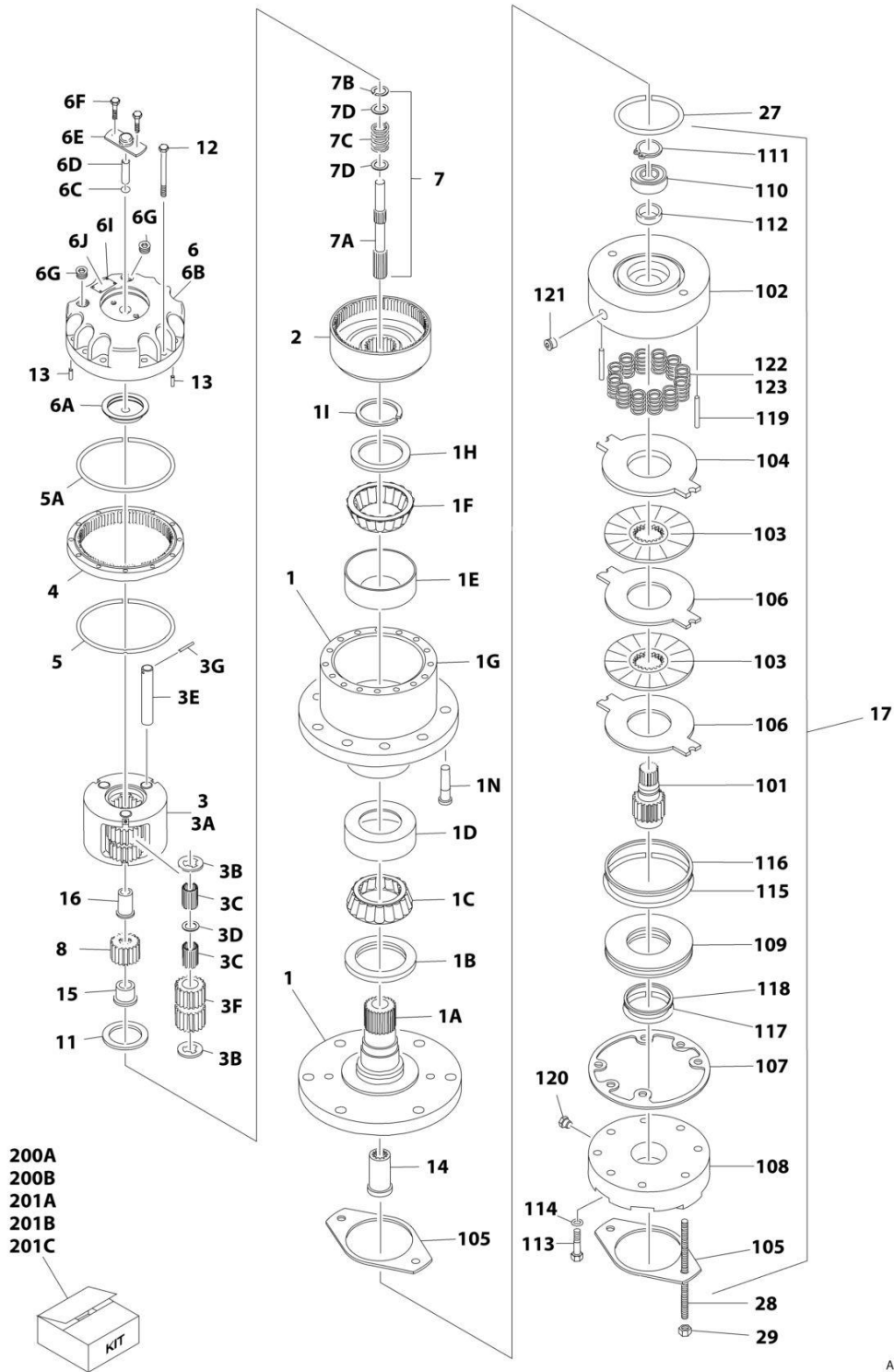
SECTION 1 - FRAME

FIGURE 1-4. DRIVE HUB ASSEMBLY - FRONT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780268	Ref	DRIVE HUB ASSEMBLY - FRONT	F
1	See Note	1	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	1	Carrier (Note: Use Item 3)	
3B	See Note	6	Ring, Retaining (Note: Use Item 3)	
3C	See Note	AR	Bearing, Needle (Note: Use Item 3)	
3D	See Note	3	Washer, Thrust (Note: Use Item 3)	
3E	See Note	3	Shaft, Planet (Note: Use Item 3)	
3F	See Note	3	Gear, Planet (Note: Use Item 3)	
3G	See Note	3	Roll Pin (Note: Use Item 3)	
4	7000248	1	Ring Gear	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	70001349	1	Cover Assembly Kit	
6A	See Note	1	Spacer, Thrust (Note: Use Item 6)	
6B	See Note	1	Plate, Cover (Note: Use Item 6)	
6C	See Note	1	O-Ring (Note: Use Item 6)	
6D	See Note	1	Rod, Disconnect (Note: Use Item 6)	
6E	See Note	1	Cap, Disengage (Note: Use Item 6)	
6F	See Note	2	Bolt (Note: Use Item 6)	
6G	See Note	1	Plug, Pipe (Note: Use Item 6)	
6I	See Note	4	Rivet (Note: Not Available for Purchase)	
6J	See Note	1	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, Dowel	
14	7000206	1	Coupling	
15	7024715	1	Spacer, Input	
16	7024716	1	Spacer, Input	

SECTION 1 - FRAME

FIGURE 1-5. DRIVE HUB AND BRAKE ASSEMBLY - REAR



ART_2780267

SECTION 1 - FRAME

FIGURE 1-5. DRIVE HUB AND BRAKE ASSEMBLY - REAR

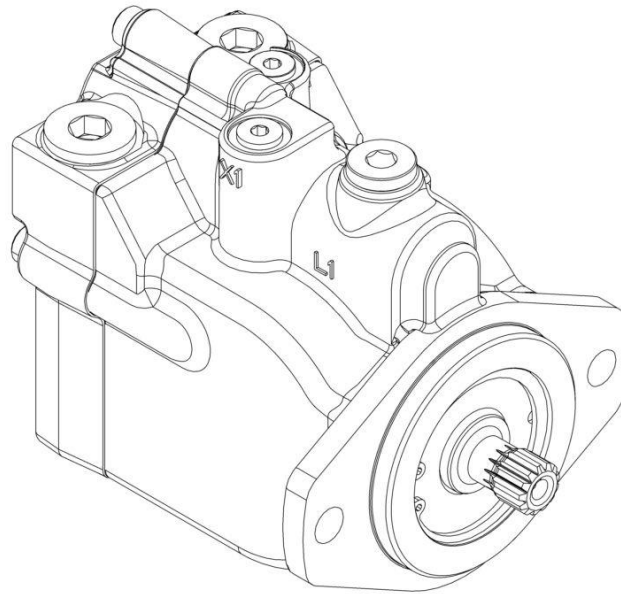
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780267	Ref	DRIVE HUB AND BRAKE ASSEMBLY - REAR	I
1	See Note	1	Spindle/Housing Assembly (Note: Purchase Individual Components)	
1A	7017059	1	Spindle	
1B	7001998	1	Seal	
1C	7010429	1	Cone, Bearing (Includes Item 1D)	
1D	7010429	1	Cup, Bearing (Includes Item 1C)	
1E	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	1	Carrier (Note: Use Item 3)	
3B	See Note	6	Ring, Retaining (Note: Use Item 3)	
3C	See Note	AR	Bearing, Needle (Note: Use Item 3)	
3D	See Note	3	Washer, Thrust (Note: Use Item 3)	
3E	See Note	3	Shaft, Planet (Note: Use Item 3)	
3F	See Note	3	Gear, Planet (Note: Use Item 3)	
3G	See Note	3	Roll Pin (Note: Use Item 3)	
4	7000248	1	Ring Gear	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	70001349	1	Cover Assembly Kit	
6A	See Note	1	Spacer, Thrust (Note: Use Item 6)	
6B	See Note	1	Plate, Cover (Note: Use Item 6)	
6C	See Note	1	O-Ring (Note: Use Item 6)	
6D	See Note	1	Rod, Disconnect (Note: Use Item 6)	
6E	See Note	1	Cap, Disengage (Note: Use Item 6)	
6F	See Note	2	Bolt (Note: Use Item 6)	
6G	See Note	1	Plug, Pipe (Note: Use Item 6)	
6I	See Note	4	Rivet (Note: Not Available for Purchase)	
6J	See Note	1	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, Dowel	
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	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	7024718	2	Nut 1/2in-13NC	
	7024182	Ref	BRAKE ASSEMBLY	
101	7024189	1	Shaft	
102	See Note	1	Housing (Note: Use Item 17)	
103	See Note	2	Plate, Friction (Note: Use Item 201B)	
104	See Note	1	Plate, Pressure (Note: Use Item 201B)	
105	7000731	2	Gasket	
106	See Note	2	Plate, Outer (Note: Use Item 201B)	
107	See Note	1	Gasket (Note: Use Item 200A, 201B or 201C)	
108	7024191	1	Cylinder	
109	7024192	1	Piston	
110	See Note	1	Bearing, Ball (Note: Use Item 201C)	
111	See Note	1	Ring, Retaining (Note: Use Item 201C)	
112	See Note	1	Seal, Shaft (Note: Use Item 201C)	
113	See Note	6	Capscrew (Note: Use Item 17)	
114	See Note	6	Lockwasher (Note: Use Item 17)	
115	See Note	1	O-Ring (Note: Use Item 200B)	
116	See Note	1	Ring, Back-up (Note: Use Item 200B)	
117	See Note	1	O-Ring (Note: Use Item 200B)	
118	See Note	1	Ring, Back-up (Note: Use Item 200B)	
119	7024190	2	Pin, Dowel	
120	See Note	1	Plug (Note: Use Item 17)	
121	See Note	2	Plug (Note: Use Item 17)	
122	See Note	12	Spring Kit (Natural) (Note: Use Item 201A)	
123	See Note	2	Spring Kit (Blue) (Note: Use Item 201A)	
		Ref	Kit Options	
200		Ref	Seal Kit Options:	
200A	See Note	1	Hub Seal Kit (Note: Purchase Individual Components)	
200B	7024194	1	Brake Seal Kit (Includes Items 105, 107 & 115-118)	
201		Ref	Repair Kit Options:	
201A	7024196	1	Brake Spring Kit (Includes 12 Natural Colored and 2 Blue Colored Springs Items 122 & 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)	

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FIGURE 1-6. DRIVE MOTOR ASSEMBLY



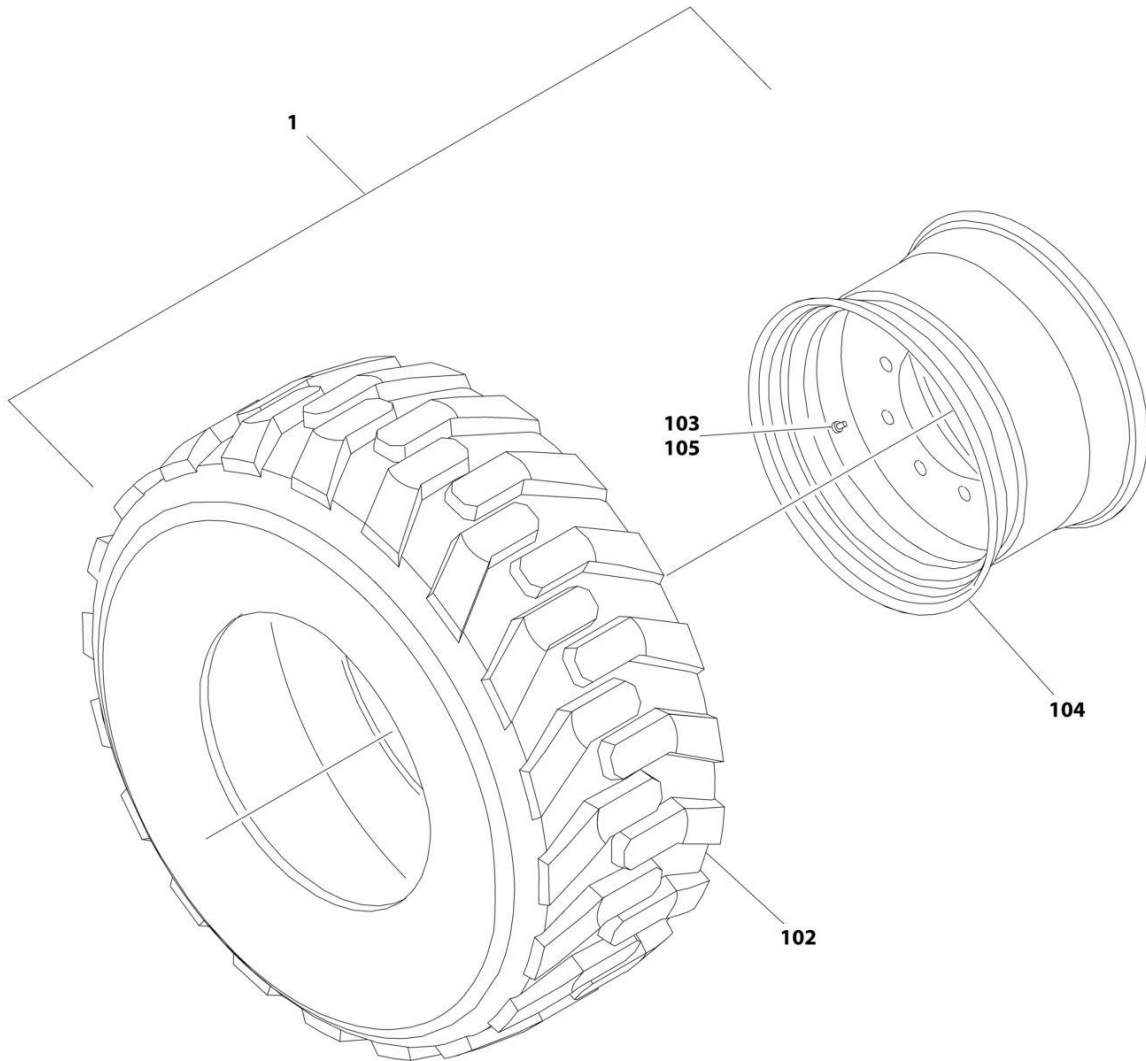
ART_1001286948

FIGURE 1-6. DRIVE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001286948 See Note	Ref Ref	DRIVE MOTOR ASSEMBLY Note: No service Parts Available at Time of Printing	A

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FIGURE 1-7. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED



ART_0270092

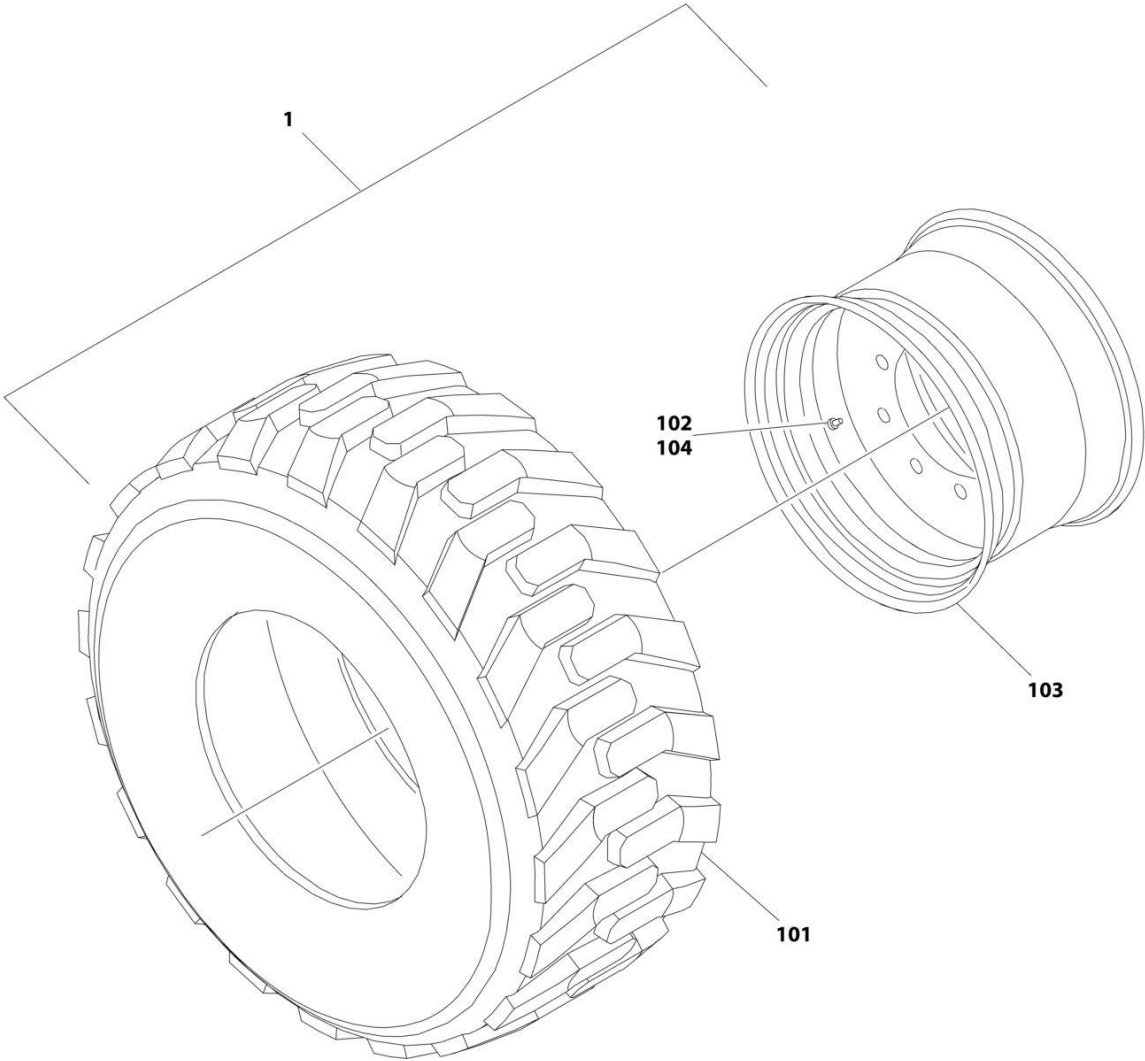
SECTION 1 - FRAME

FIGURE 1-7. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270092	Ref	TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED	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	1001148865	2	Tire and Wheel Assembly - 12 x 16.5 (RH Side)	H
1	1001148866	2	Tire and Wheel Assembly - 12 x 16.5 (LH Side)	H
102	4520216	4	Tire - 12 x 16.5	
103	4641122	4	Valve	
104	1001147274	4	Rim, Wheel	
105	1001149953	4	Cap, Valve Stem	

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FIGURE 1-8. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED NON-MARKING



ART_0270653

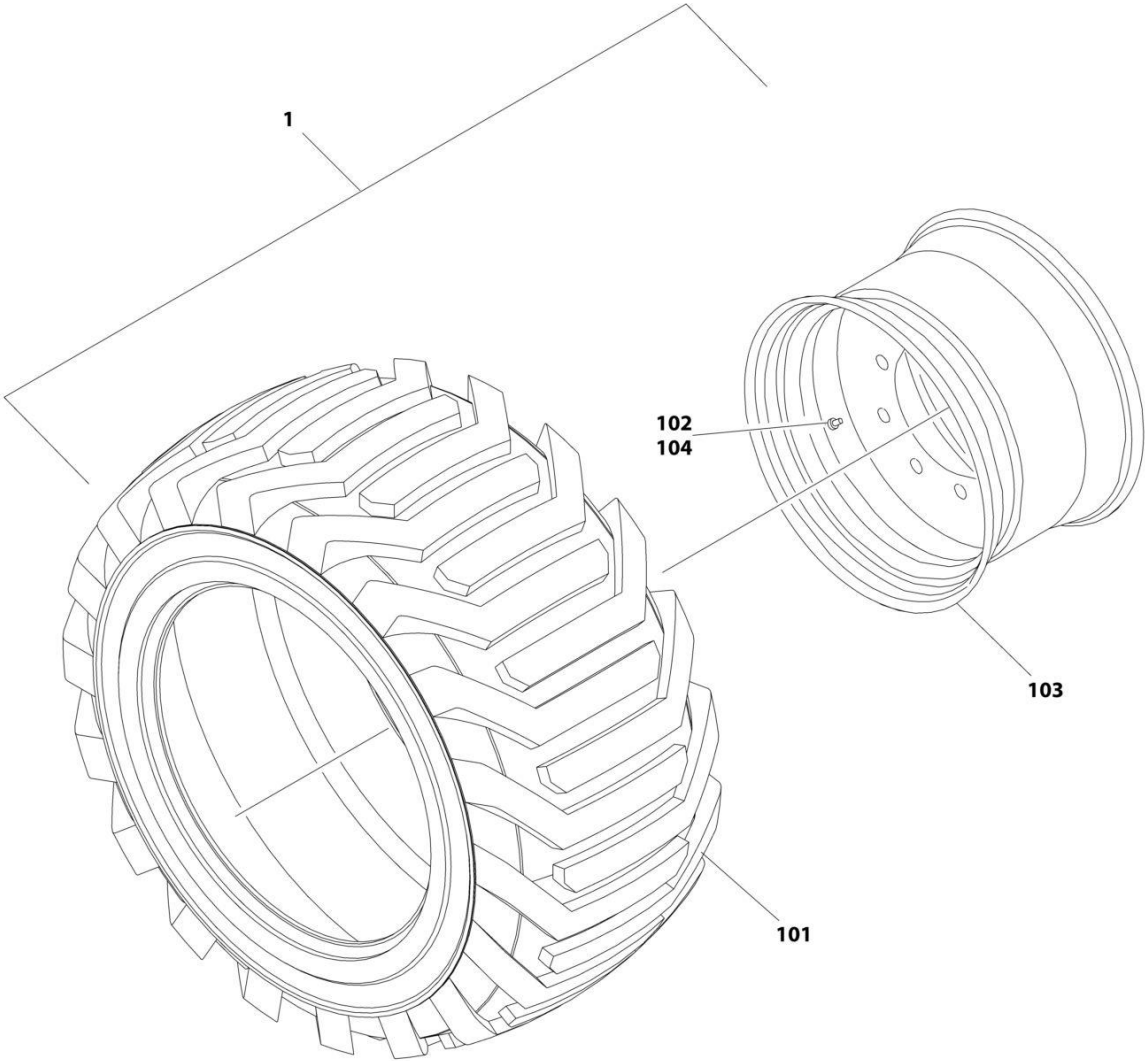
SECTION 1 - FRAME

FIGURE 1-8. TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270653	Ref	TIRE AND WHEEL INSTALLATION - 12 X 16.5 FOAM FILLED	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	1001148869	1	Tire and Wheel Assembly - Right Side	H
1	1001148870	1	Tire and Wheel Assembly - Left Side	H
101	4520240	1	Tire 12 x 16.5 Non-Marking	
102	4641122	1	Valve	
103	1001147274	1	Rim, Wheel	
104	1001149953	1	Cap, Valve Stem	

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FIGURE 1-9. TIRE AND WHEEL INSTALLATION - IN395/45/D20 FOAM FILLED



ART_1001179171

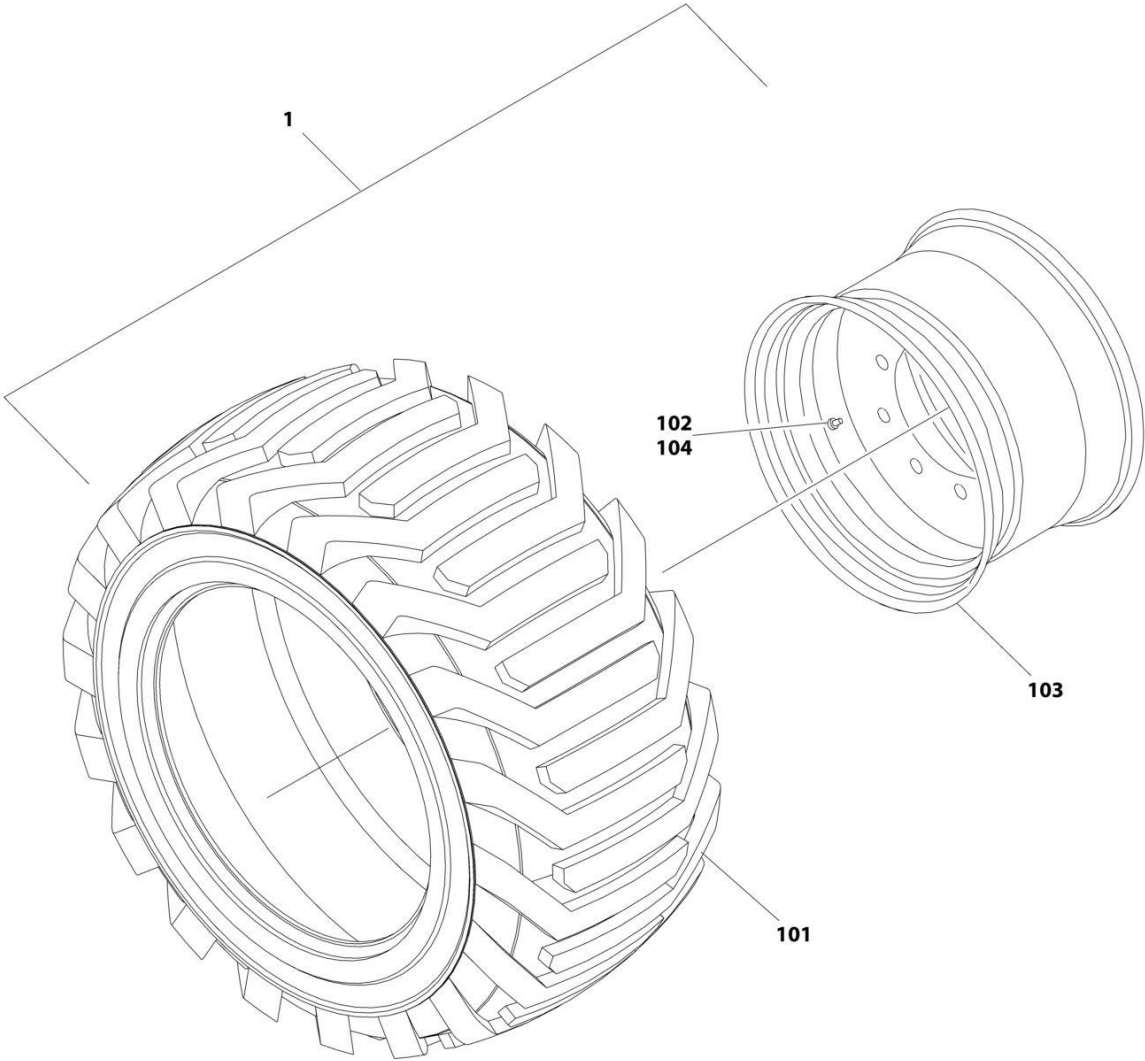
SECTION 1 - FRAME

FIGURE 1-9. TIRE AND WHEEL INSTALLATION - IN395/45/D20 FOAM FILLED

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179171	Ref	TIRE AND WHEEL INSTALLATION - IN395/45/D20 FOAM FILLED	A
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001179173	2	Tire and Wheel Assembly - IN395/45/D20 Non-Marking (RH Side)	B
1	1001179172	2	Tire and Wheel Assembly - IN395/45/D20 Non-Marking (LH Side)	B
101	1001179175	4	Tire IN395/45/D20	
102	4641122	4	Valve	
103	1001179174	4	Rim, Wheel	
104	1001149953	4	Cap, Valve Stem	

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FIGURE 1-10. TIRE AND WHEEL INSTALLATION - IN395/45/D20 FOAM FILLED NON-MARKING



ART_1001179956

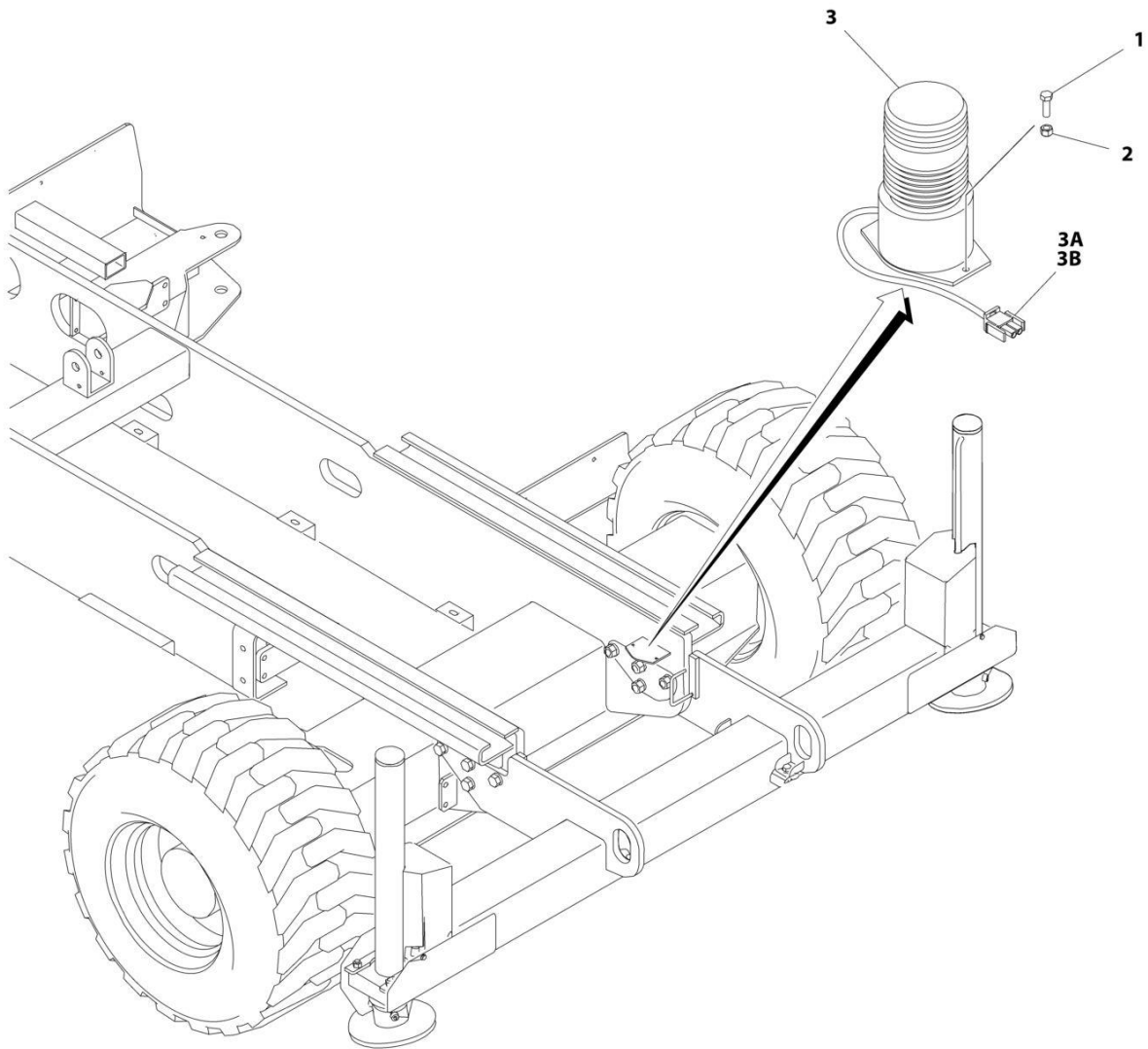
SECTION 1 - FRAME

FIGURE 1-10. TIRE AND WHEEL INSTALLATION - IN395/45/D20 FOAM FILLED NON-MARKING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179956	Ref	TIRE AND WHEEL INSTALLATION - IN395/45/D20 FOAM FILLED NON-MARKING	A
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
1	1001179958	2	Tire and Wheel Assembly - IN395/45/D20 Non-Marking (RH Side)	B
1	1001179957	2	Tire and Wheel Assembly - IN395/45/D20 Non-Marking (LH Side)	B
101	1001179959	4	Tire IN395/45/D20 Non-Marking	
102	4641122	4	Valve	
103	1001179174	4	Rim, Wheel	
104	1001149953	4	Cap, Valve Stem	

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FIGURE 1-11. BEACON LIGHT INSTALLATION - OPTIONAL



ART_1001205340

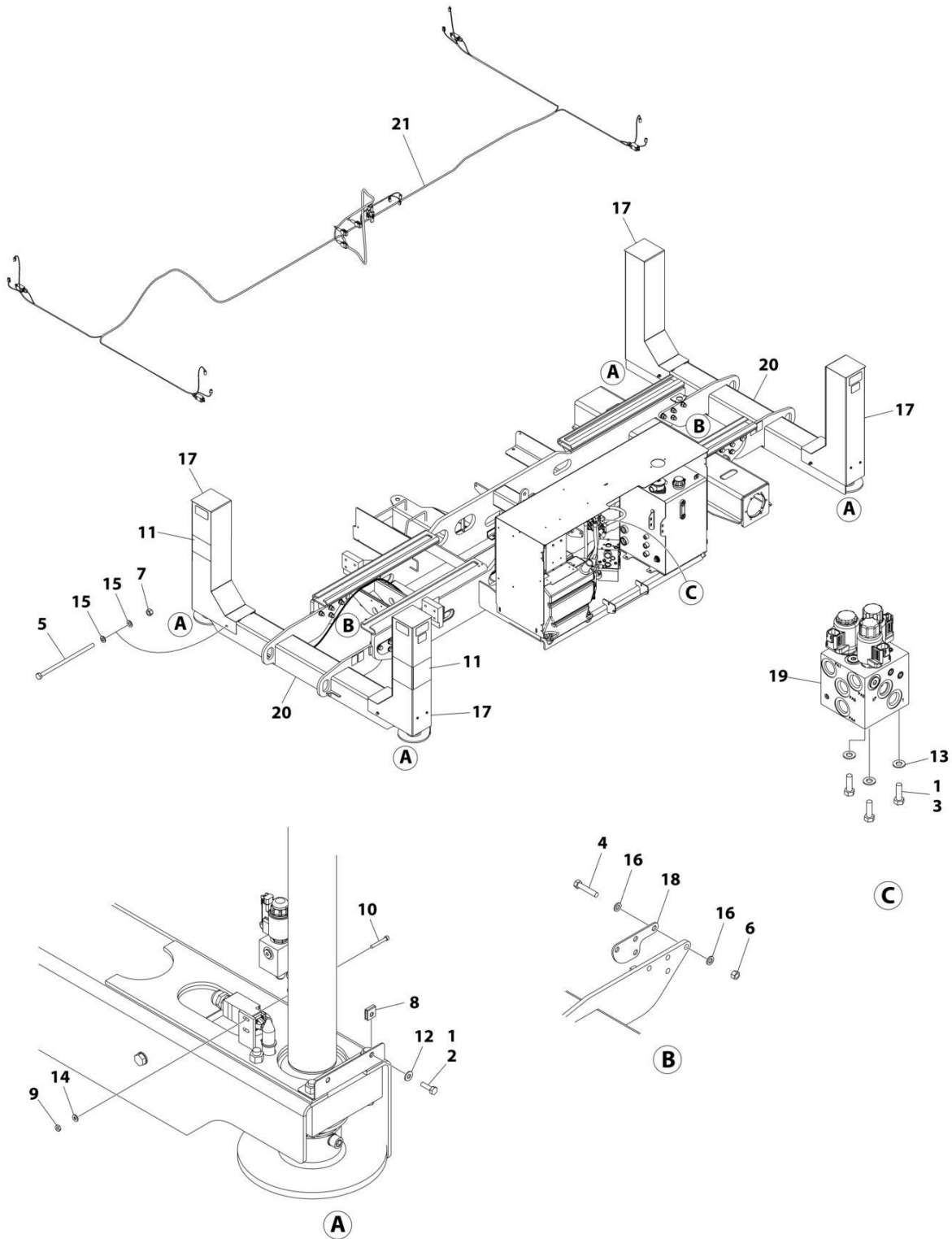
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FIGURE 1-11. BEACON LIGHT INSTALLATION - OPTIONAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205340	Ref	BEACON LIGHT INSTALLATION - OPTIONAL	A
1	0760508	2	Bolt, M5 X 16	
2	3290505	2	Nut, Lock M5 X 0.8	
3	1001205343	1	Beacon Light Assembly	
3	2920146	1	Beacon Light (Amber)	
3	7016319	1	Bulb, Replacement	
3	7016372	1	Len, Replacement	
3A	4460320	1	Plug, Male - 2 Position	
3B	4460267	2	Terminal	

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FIGURE 1-12. LEVELING JACKS INSTALLATION



ART_1001297807

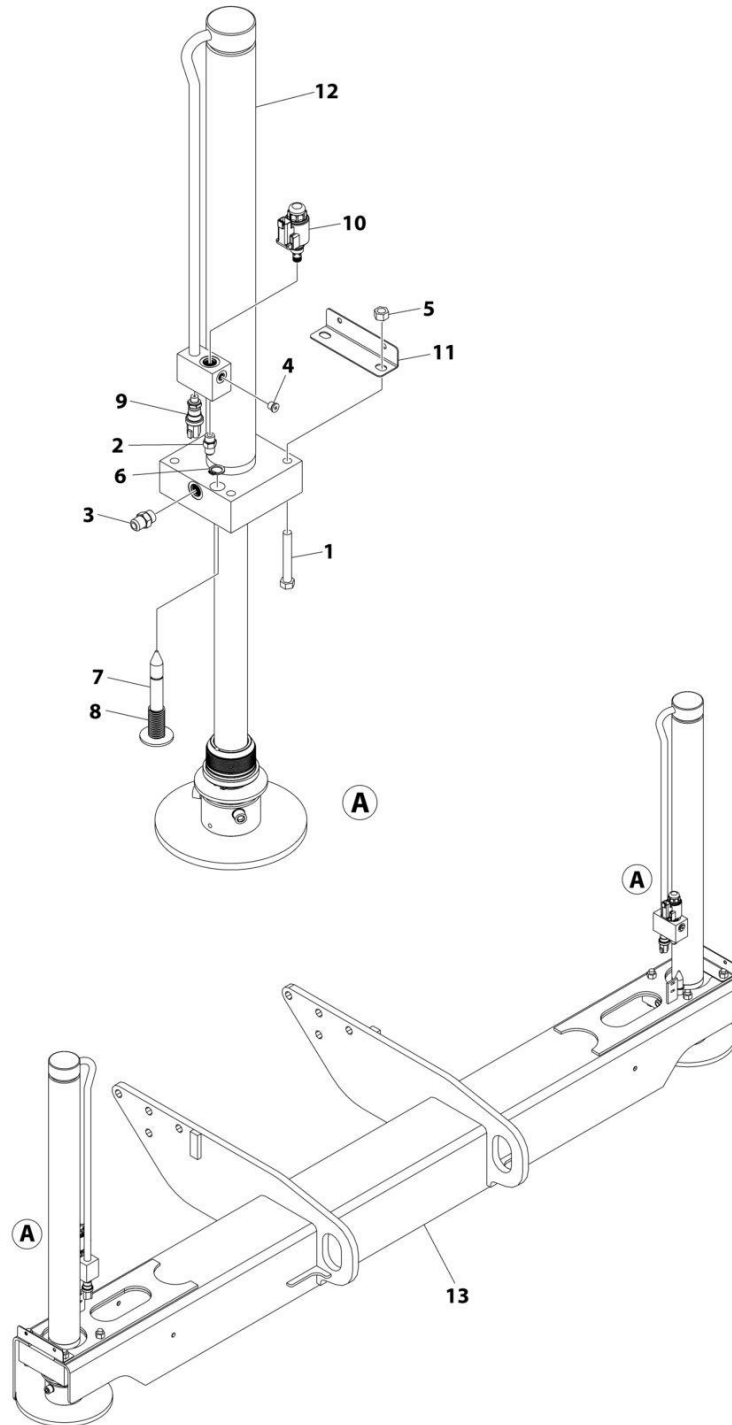
SECTION 1 - FRAME

FIGURE 1-12. LEVELING JACKS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297807	Ref	LEVELING JACKS INSTALLATION	A
1	0100011	AR	Compound, Locking	
2	0641407	8	Bolt 1/4 x 7/8	
3	0641508	3	Bolt 5/16 x 1	
4	0682230	16	Bolt 3/4 x 3-3/4	
5	0701039	4	Bolt 10 x 220	
6	3272205	16	Nut 3/4	
7	3291005	4	Nut M10	
8	3300353	8	Nut, Tinnerman	
9	3310805	8	Nut #8	
10	3930820	8	Capscrew #8 x 1-1/4	
11	4420051	8 ft/3 m	Tape, Safety	
12	4711400	8	Washer 1/4	
13	4711500	3	Washer 5/16	
14	4750800	8	Washer #8	
15	4812000	8	Washer M10	
16	4892200	32	Washer 3/4	
17	1001179200	4	Cover	
18	1001183328	4	Plate	
19	1001217108	1	Valve, Leveling Jack Directional (See Separate Breakdown in this Section)	
20	1001296277	2	Leveling Jacks Assembly (See Separate Breakdown in this Section)	
21	1001297017	1	Harness, Leveling Jacks (See Separate Breakdown ELECTRICAL Section)	

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FIGURE 1-13. LEVELING JACKS ASSEMBLY



ART_1001296277

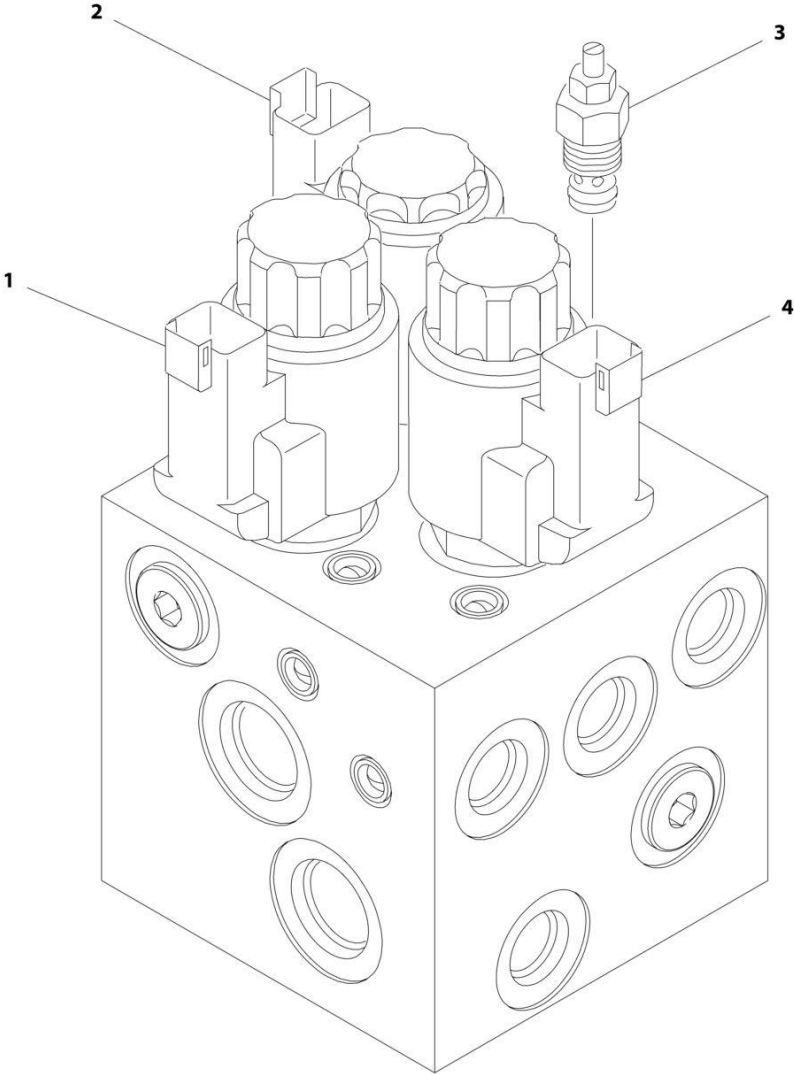
SECTION 1 - FRAME

FIGURE 1-13. LEVELING JACKS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296277	Ref	LEVELING JACKS ASSEMBLY	A
1	0641828	8	Bolt 1/2 x 3	
2	2220371	2	Fitting, Straight JIC/ORB	
3	2220373	2	Fitting, Straight JIC/ORB	
4	2220883	2	Plug	
5	3311805	8	Nut 1/2	
6	3760348	2	Ring, Retaining	
7	3841564	2	Rod	
8	4160116	2	Spring	
9	4360518	2	Transducer, Pressure	
10	1001103761	2	Cartridge, Solenoid Valve	
10	7024497	1	Cartridge Less Coil	
10	7024502	1	Seal Kit - 7024497 Valve	
10	70001965	1	Coil	
10	7024506	1	Nut Kit	
11	1001191325	2	Bracket	
12	1001266742	2	Outrigger Cylinder Assembly (See Separate Breakdown in CYLINDER Section)	
13	1001293764	2	Mount, Leveling Jack	

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FIGURE 1-14. LEVELING JACKS VALVE ASSEMBLY



ART_1001217108

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FIGURE 1-14. LEVELING JACKS VALVE ASSEMBLY

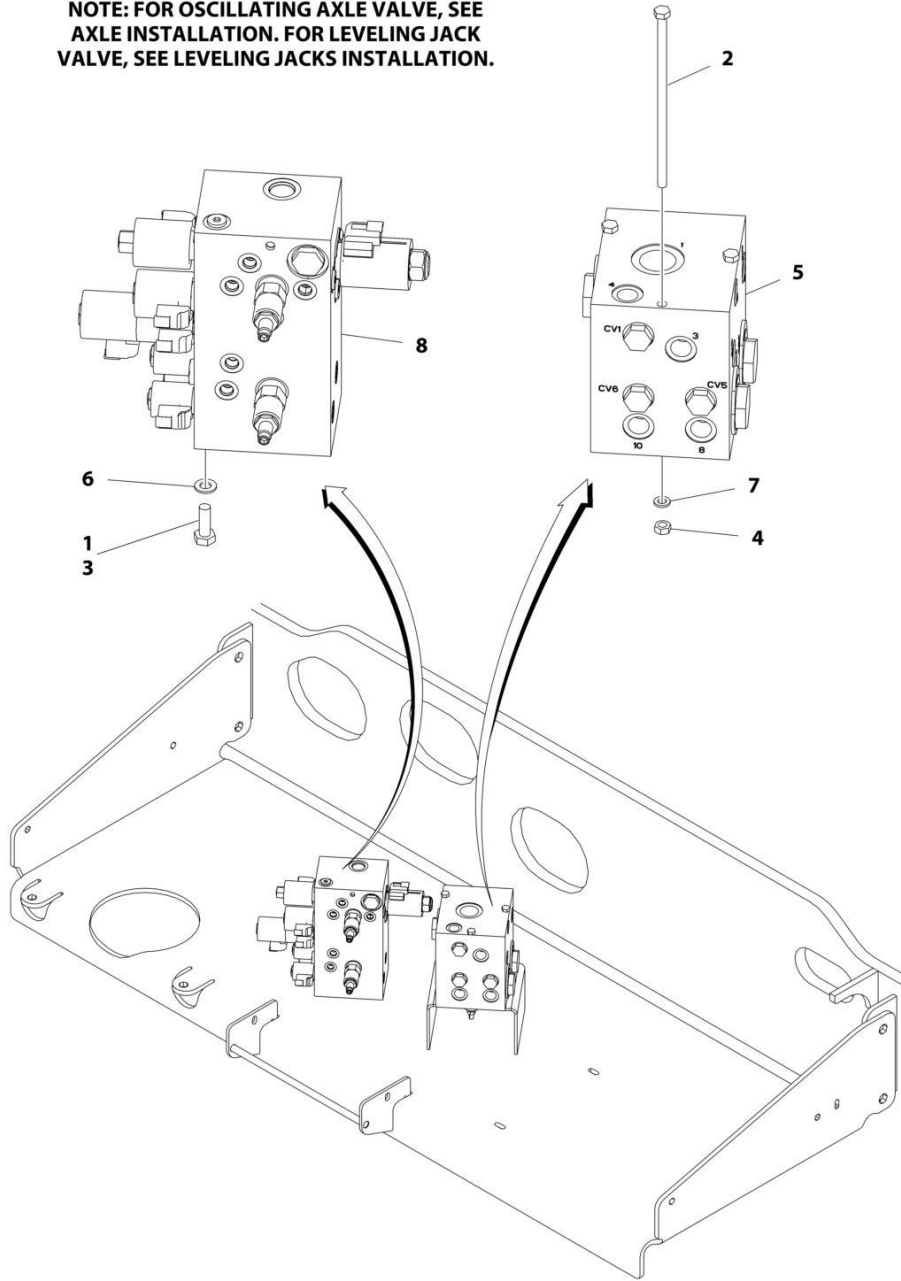
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217108	Ref	LEVELING JACKS VALVE ASSEMBLY	B
1	7024497	1	Cartridge without Coil (Retract)	
1	7024502	1	Seal Kit - 7024497 Cartridge	
1	70001965	1	Coil	
1	7024506	1	Coil Nut Kit	
2	7024498	1	Cartridge without Coil (Extend)	
2	7024503	1	Seal Kit - 7024498 Cartridge	
2	70001965	1	Coil	
2	7024507	1	Coil Nut Kit	
3	70006292	1	Cartridge (Thermal Relief)	
3	7024504	1	Seal Kit - 70006292 Cartridge	
4	7024500	1	Cartridge without Coil	
4	7024505	1	Seal Kit - 7024500 Cartridge	
4	70001965	1	Coil	
4	7024506	1	Coil Nut Kit	

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FIGURE 2-1. VALVE INSTALLATION

NOTE: FOR OSCILLATING AXLE VALVE, SEE AXLE INSTALLATION. FOR LEVELING JACK VALVE, SEE LEVELING JACKS INSTALLATION.



ART_1001178489

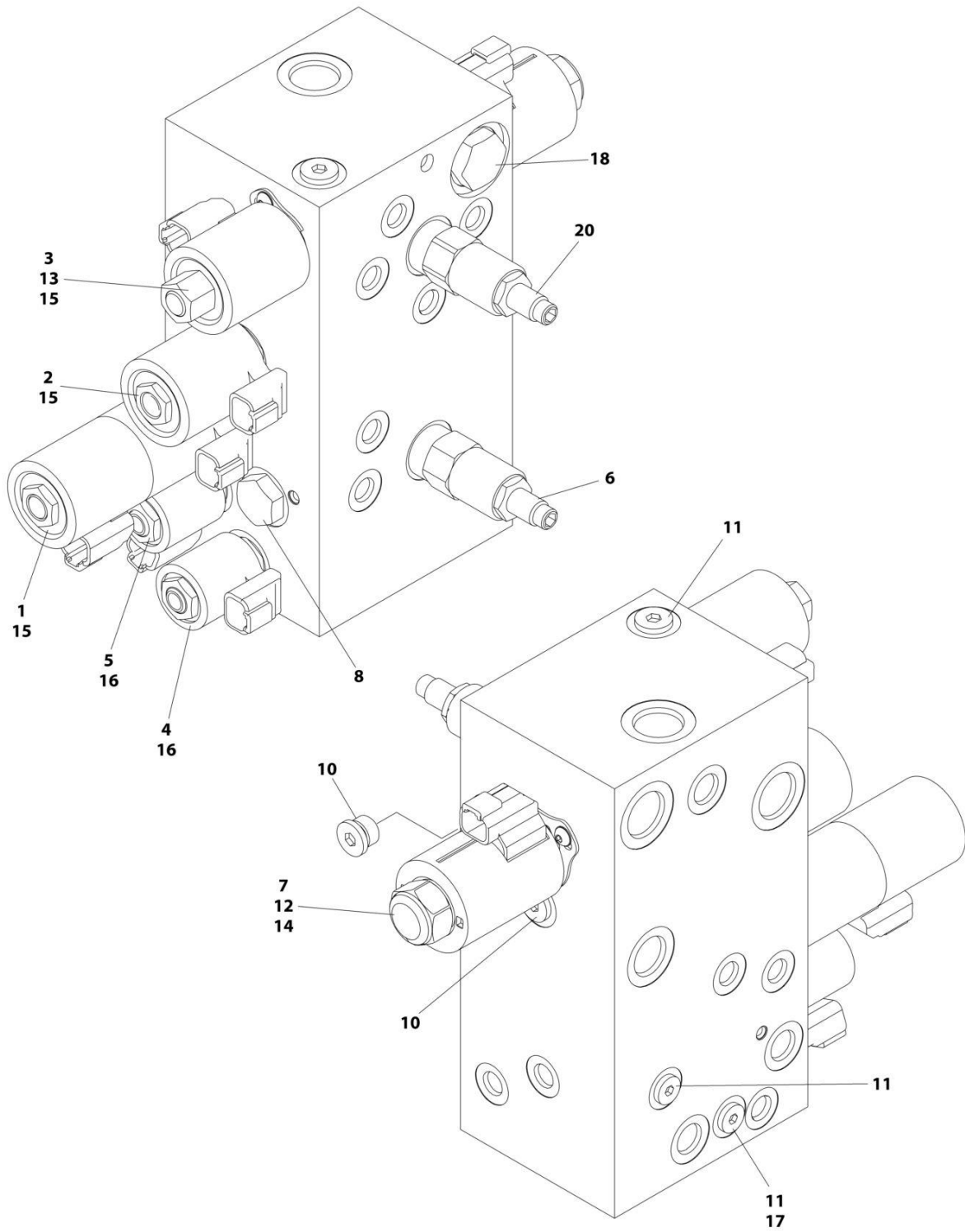
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FIGURE 2-1. VALVE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001178489	Ref	VALVE INSTALLATION	D
1	0100011	AR	Compound, Locking	
2	0700836	3	Bolt M8 x 190	
3	0771014	4	Bolt M10 x 30	
4	3290801	3	Nut M8	
5	4641303	1	Flow Divider Valve Assembly (See Separate Breakdown in this Section)	
6	4812000	4	Washer M10	
7	4831900	3	Washer M8	
8	1001234828	1	Main Valve Assembly (See Separate Breakdown in this Section)	

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FIGURE 2-2. MAIN VALVE ASSEMBLY



ART_1001234828_C

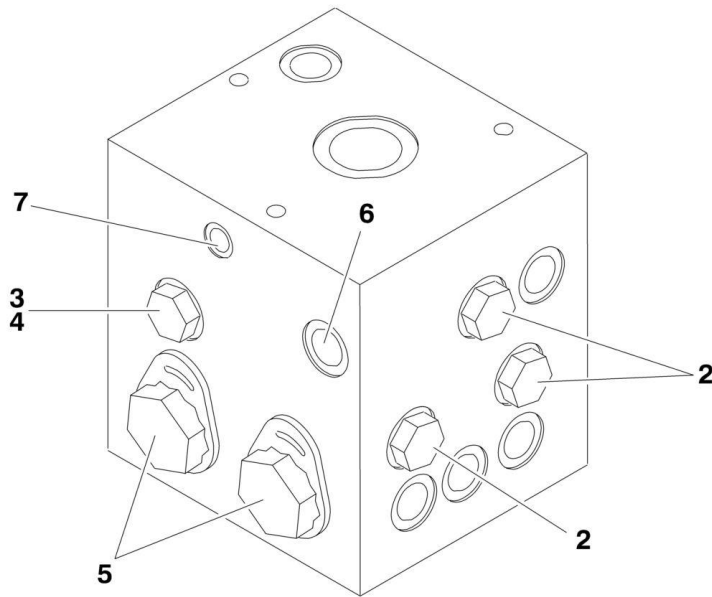
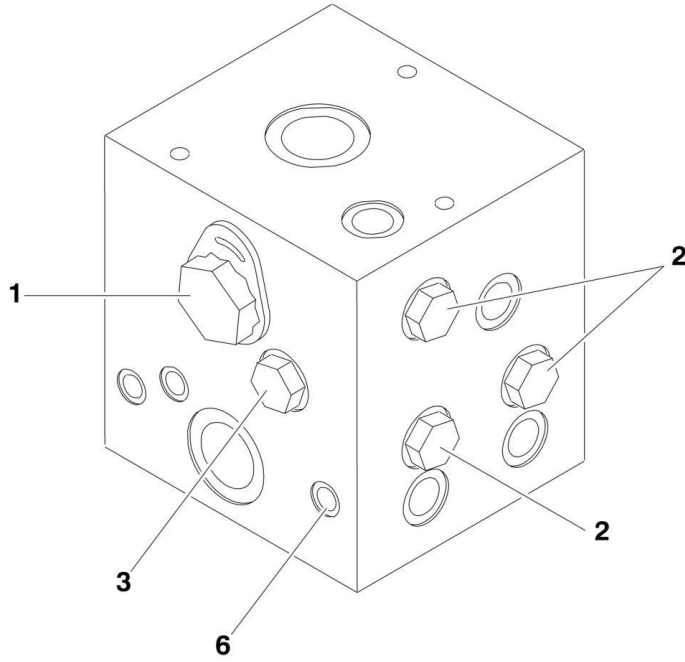
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FIGURE 2-2. MAIN VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001234828	Ref	MAIN VALVE ASSEMBLY	C
1	70005449	1	Cartridge, Solenoid Less Coil (Steer)	
1	70005073	1	Seal Kit - 70005449 Valve	
1	70003024	1	Spacer, Coil	
1	7022390	1	Nut, Coil	
2	70005448	1	Cartridge, Solenoid Less Coil (Lift Up)	
2	70004580	1	Seal Kit - 70005448 Valve	
2	7022390	1	Nut, Coil	
3	70005069	1	Cartridge, Solenoid Less Coil (Main Dump)	
3	7022399	1	Seal Kit - 70005069 Valve	
3	70003977	1	Nut, Coil	
4	70005167	1	Cartridge, Solenoid Less Coil	
4	7023900	1	Seal Kit - 70005167 Valve	
4	7022390	1	Nut, Coil	
5	70005167	1	Cartridge, Solenoid Less Coil	
5	7023900	1	Seal Kit - 70005167 Valve	
5	7022390	1	Nut, Coil	
6	70007036	1	Cartridge, Relief Valve	
6	7023936	1	Seal Kit - 70007036 Valve	
7	70006786	1	Cartridge, Solenoid Less Coil	
7	7012925	1	Seal Kit - 70006786 Valve	
8	7022398	1	Cartridge, Valve (Load Shuttle)	
8	7023900	1	Seal Kit - 7022398 Valve	
10	2220885	3	Plug	
11	2220883	2	Plug	
12	70005725	1	Lock Down Kit	
13	70005724	1	Lock Down Kit	
14	70003789	1	Coil	
15	70001967	4	Coil	
16	70001977	2	Coil	
17	70004883	1	Orifice	
18	70005100	1	Cartridge, Check Valve	
18	7022399	1	Seal Kit - 70005100 Valve	
20	70005165	1	Cartridge, Relief Valve	
20	7022399	1	Seal Kit - 70005165 Valve	

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FIGURE 2-3. FLOW DIVIDER VALVE ASSEMBLY



ART_4641303

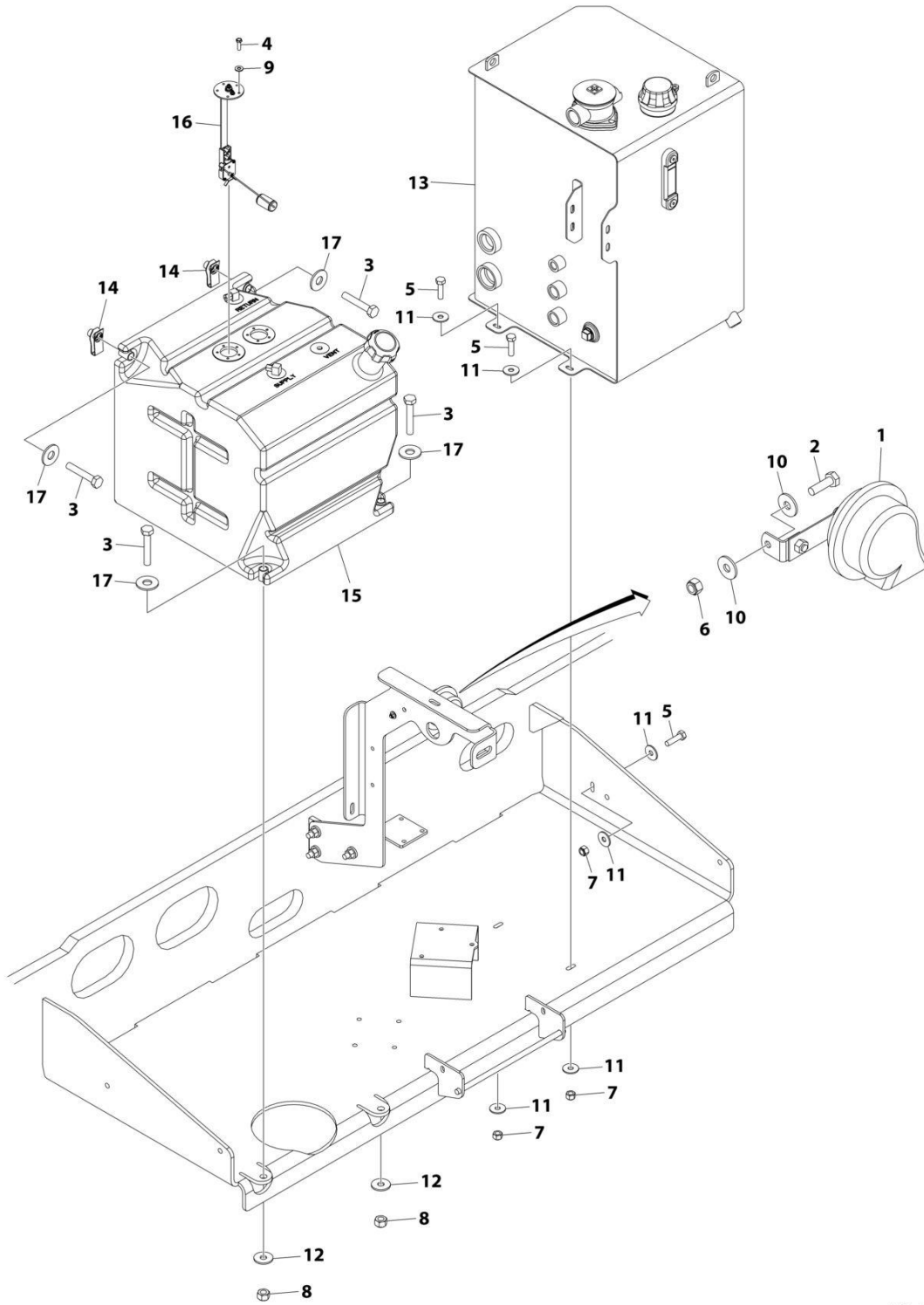
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FIGURE 2-3. FLOW DIVIDER VALVE ASSEMBLY

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	

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FIGURE 2-4. TANKS & HORN INSTALLATION - DIESEL



ART_1001204617_C

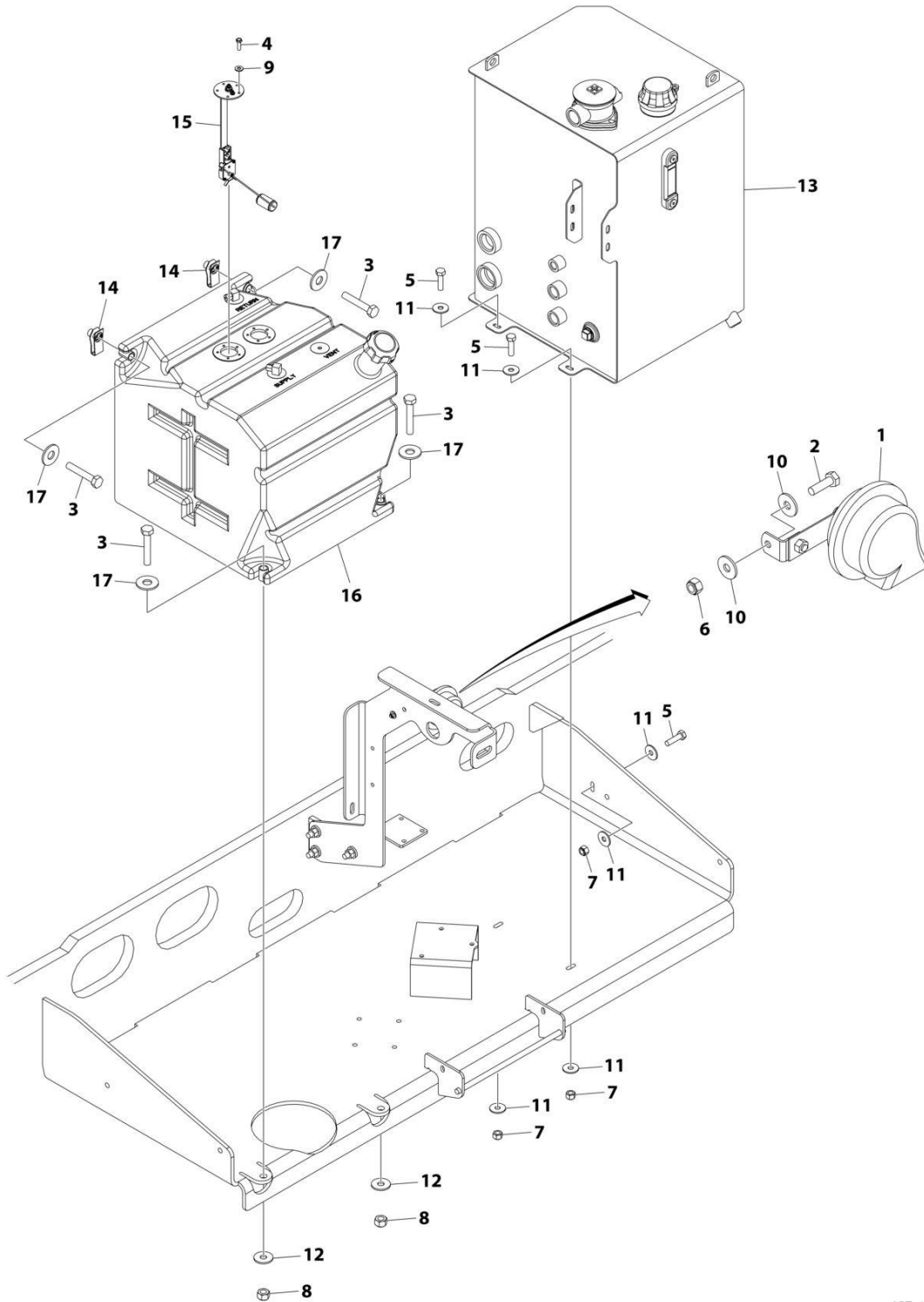
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FIGURE 2-4. TANKS & HORN INSTALLATION - DIESEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204617	Ref	TANKS AND HORN INSTALLATION (DIESEL MACHINES)	C
1	0140001	1	Horn	
2	0700610	1	Bolt M6 x 20	
3	0701020	4	Bolt M10 x 60	
4	0731005	5	Screw #10 x 5/8	
5	0760814	3	Bolt M8 x 30	
6	3290605	1	Nut M6	
7	3290805	3	Nut M8	
8	3291005	2	Nut M10	
9	4751000	5	Washer #10	
10	4811702	2	Washer M6	
11	4811902	6	Washer M8	
12	4812002	2	Washer M12	
13	1001102823	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
14	1001118972	2	Nut, Tinnerman M10	
15	1001163418	1	Fuel Tank Assembly	
15	1001193336	1	Cap, Fuel	
15	70004794	1	Tube, Pick-up	
16	1001231195	1	Sensor, Fuel Level	
17	4751800	4	Washer 1/2	

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FIGURE 2-5. TANKS AND HORN INSTALLATION - GASOLINE



ART_1001204618_C

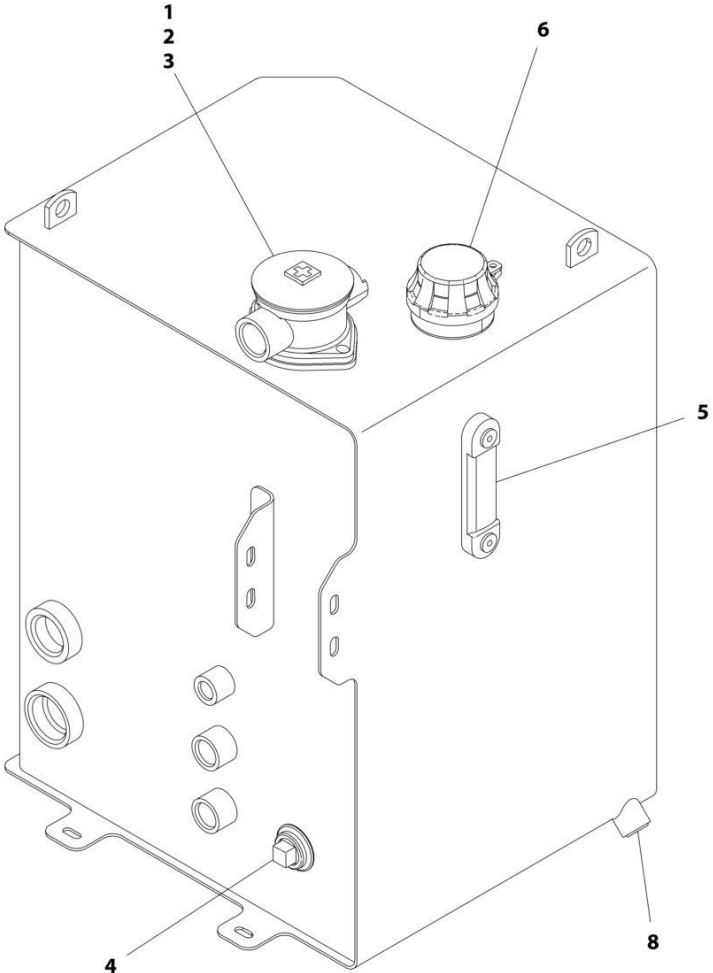
SECTION 2 - GROUND CONTROLS

FIGURE 2-5. TANKS AND HORN INSTALLATION - GASOLINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204618	Ref	TANKS AND HORN INSTALLATION (GAS MACHINES)	C
1	0140001	1	Horn	
2	0700610	1	Bolt M6 x 20	
3	0701020	4	Bolt M10 x 60	
4	0731005	5	Screw #10 x 5/8	
5	0760814	3	Bolt M8 x 30	
6	3290605	1	Nut M6	
7	3290805	3	Nut M8	
8	3291005	2	Nut M10	
9	4751000	5	Washer #10	
10	4811702	2	Washer M6	
11	4811902	6	Washer M8	
12	4812002	2	Washer M10	
13	1001102823	1	Hydraulic Tank Assembly (See Separate Breakdown in this Section)	
14	1001118972	2	Nut, Tinnerman M10	
15	1001231195	1	Sensor, Fuel Level	
16	1001206896	1	Fuel Tank Assembly	
16	1001207109	1	Cap, Fuel	
16	70004794	1	Tube, Pick-up	
17	4751800	4	Washer 1/2	

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FIGURE 2-6. HYDRAULIC TANK ASSEMBLY



ART_1001102823

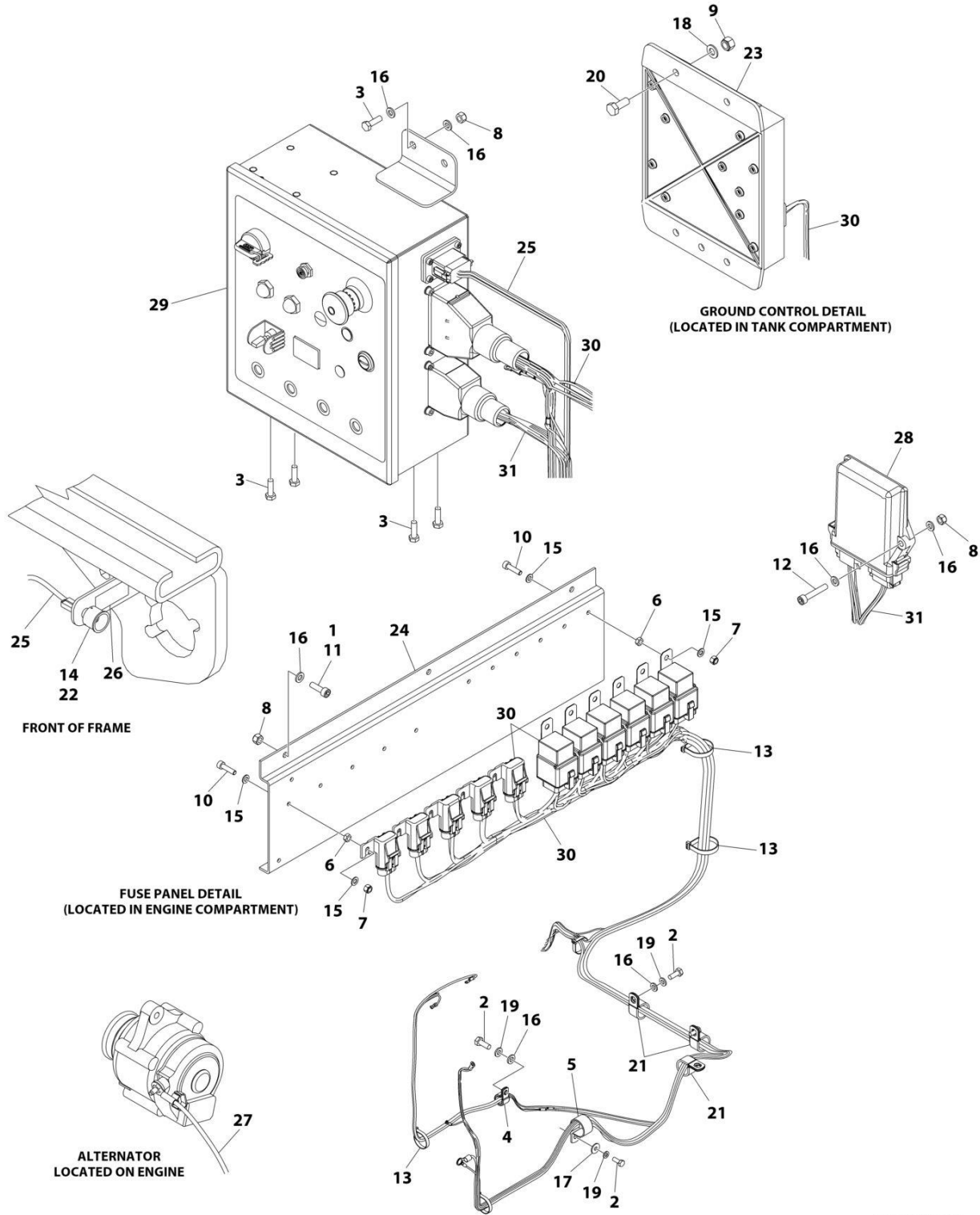
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FIGURE 2-6. HYDRAULIC TANK ASSEMBLY

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	2	Strainer (Note: Not a serviceable Item per Vendor) (Not Shown)	
8	70002112	1	Plug, Magnetic	

SECTION 2 - GROUND CONTROLS

FIGURE 2-7. ELECTRICAL COMPONENTS INSTALLATION - DIESEL



ART_1001288946

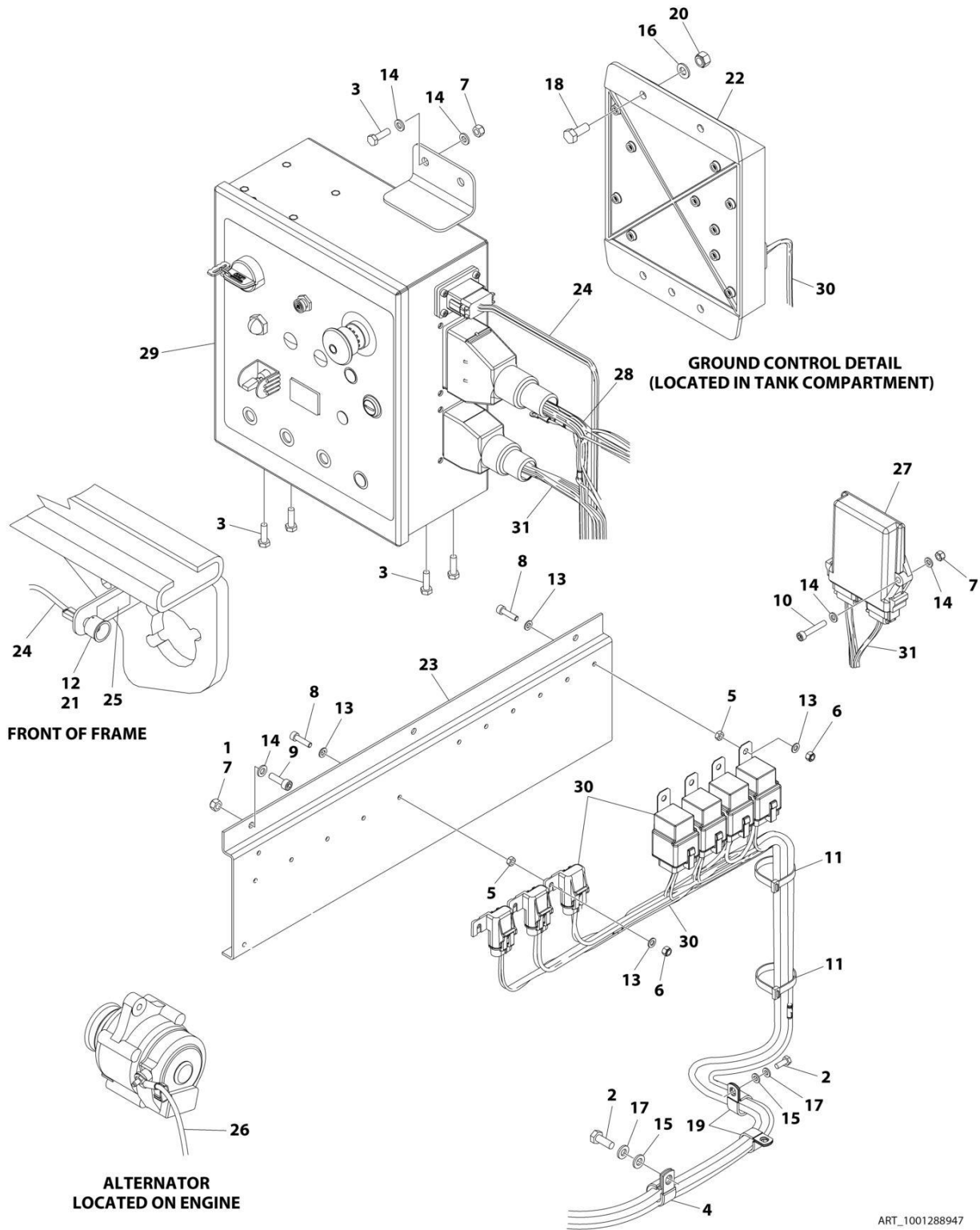
SECTION 2 - GROUND CONTROLS

FIGURE 2-7. ELECTRICAL COMPONENTS INSTALLATION - DIESEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288946	Ref	ELECTRICAL COMPONENTS INSTALLATION - DIESEL	B
1	0100011	AR	Compound, Locking	
2	0760608	4	Bolt M6 x 16	
3	0760610	6	Bolt M6 x 20	
4	1320041	1	Clamp	
5	1320095	1	Clamp	
6	3290501	11	Nut M5	
7	3290505	11	Nut M5	
8	3290605	7	Nut M6	
9	3290805	4	Nut M8	
10	4031608	11	Bolt M5 x 20	
11	4031708	3	Bolt M6 x 20	
12	4031711	2	Capscrew M6 x 35	
13	4240018	17	Tie-Strap	
14	4360387	1	Switch, Push Button	
15	4811600	22	Washer M5	
16	4811700	14	Washer M6	
17	4811702	1	Washer M6	
18	4811900	4	Washer M8	
19	4831700	4	Washer M6	
20	0760810001	4	Capscrew M8 x 20	
21	1001100319	3	Hose Clip M10	
22	1001176469	1	Shroud, Switch	
23	1001182481	1	Module, Control (Note: Re-calibration Required when Replaced)	
24	1001185125	1	Plate, Mounting	
25	1001222025	1	Hydraulic Compartment Harness (See Separate Breakdown in ELECTRICAL Section)	
26	1001226116	1	Decal - Manual Descent Instruction	
27	1001234069	1	Harness, Fusible Link	
28	1001234736	1	Module, Control - Hydraulics (Note: Re-calibration Required when Replaced)	
29	1001236353	1	Ground Box Assembly (See Separate Breakdown in this Section)	
30	1001244348	1	Engine Harness - Diesel (See Separate Breakdown in ELECTRICAL Section)	
31	1001283872	1	Chassis Harness (See Separate Breakdown in ELECTRICAL Section)	
32	1001308688	1	Ground Wire Harness (Not Shown)	
32	1001126008	1	Socket	
32	4460256	1	Terminal, Ring	

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FIGURE 2-8. ELECTRICAL COMPONENTS INSTALLATION - KUBOTA GASOLINE



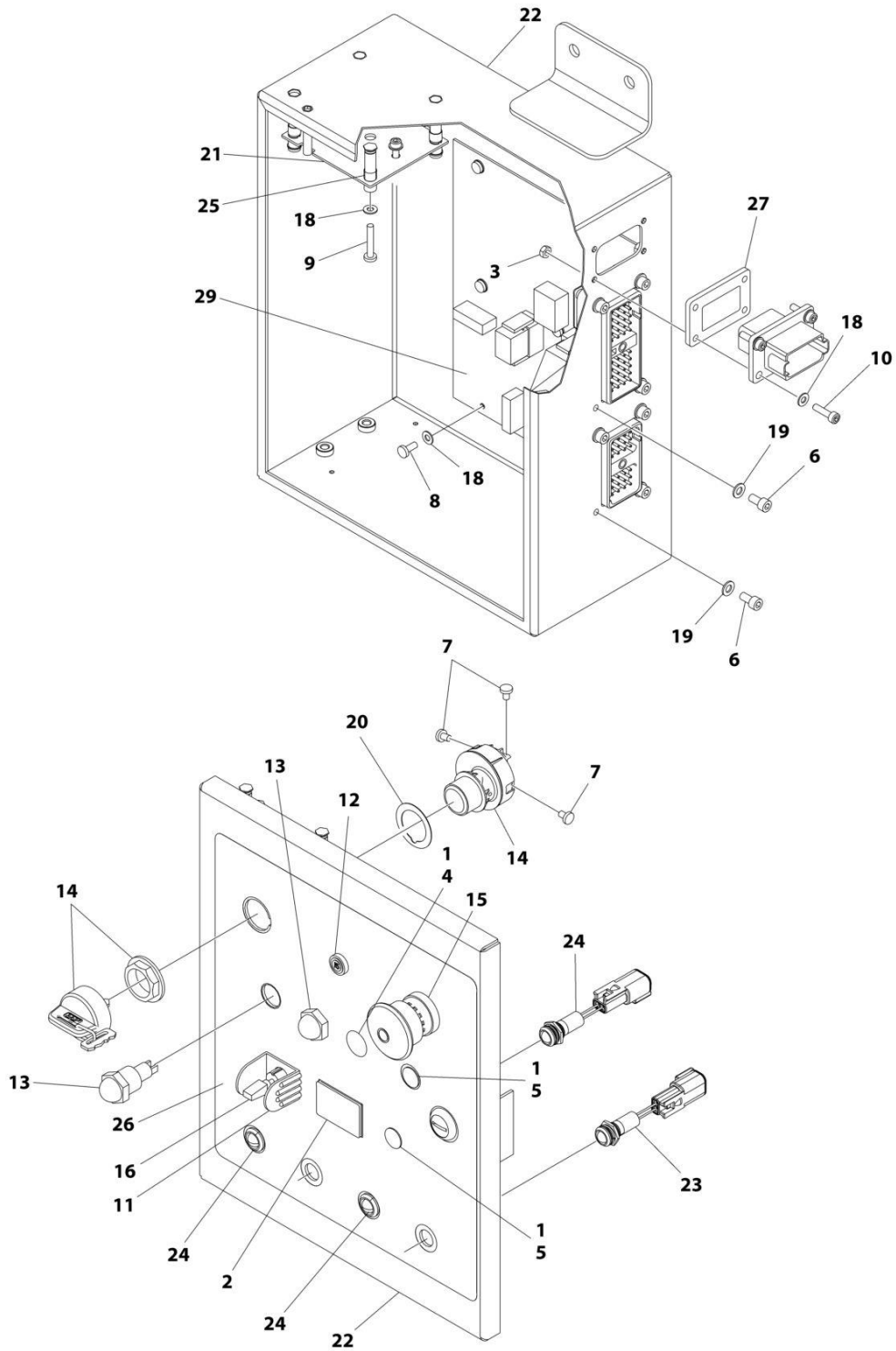
SECTION 2 - GROUND CONTROLS

FIGURE 2-8. ELECTRICAL COMPONENTS INSTALLATION - KUBOTA GASOLINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288947	Ref	ELECTRICAL COMPONENTS INSTALLATION - KUBOTA GASOLINE	B
1	0100011	AR	Compound, Locking	
2	0760608	2	Bolt M6 x 16	
3	0760610	6	Bolt M6 x 20	
4	1320095	1	Clamp	
5	3290501	7	Nut M5	
6	3290505	7	Nut M5	
7	3290605	7	Nut M6	
8	4031608	7	Bolt M5 x 20	
9	4031708	3	Bolt M6 x 20	
10	4031711	2	Capscrew M6 x 35	
11	4240018	20	Tie-Strap	
12	4360387	1	Switch, Push Button	
13	4811600	14	Washer M5	
14	4811700	11	Washer M6	
15	4811702	2	Washer M6	
16	4811900	4	Washer M8	
17	4831700	2	Washer M6	
18	0760810001	4	Capscrew M8 x 20	
19	1001100319	2	Hose Clip M10	
20	1001102433	4	Nut M8	
21	1001176469	1	Shroud, Switch	
22	1001182481	1	Module, Control (Note: Re-calibration Required when Replaced)	
23	1001185125	1	Plate, Mounting	
24	1001222025	1	Hydraulic Compartment Harness (See Separate Breakdown in ELECTRICAL Section)	
25	1001226116	1	Decal - Manual Descent Instructions	
26	1001234069	1	Harness, Fusible Link	
27	1001234736	1	Module, Control - Hydraulics (Note: Re-calibration Required when Replaced)	
28	1001236380	1	Dual Fuel Harness (See Separate Breakdown in ELECTRICAL Section)	
29	1001236430	1	Ground Control Box Assembly (See Separate Breakdown in this Section)	
30	1001244349	1	Engine Harness - Gasoline (See Separate Breakdown in ELECTRICAL Section)	
31	1001283872	1	Chassis Harness (See Separate Breakdown in ELECTRICAL Section)	
32	1001308688	1	Ground Wire Harness (Not Shown)	
32	1001126008	1	Socket	
32	4460256	1	Terminal, Ring	

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FIGURE 2-9. GROUND CONTROL BOX ASSEMBLY - KUBOTA DIESEL



ART_1001236353

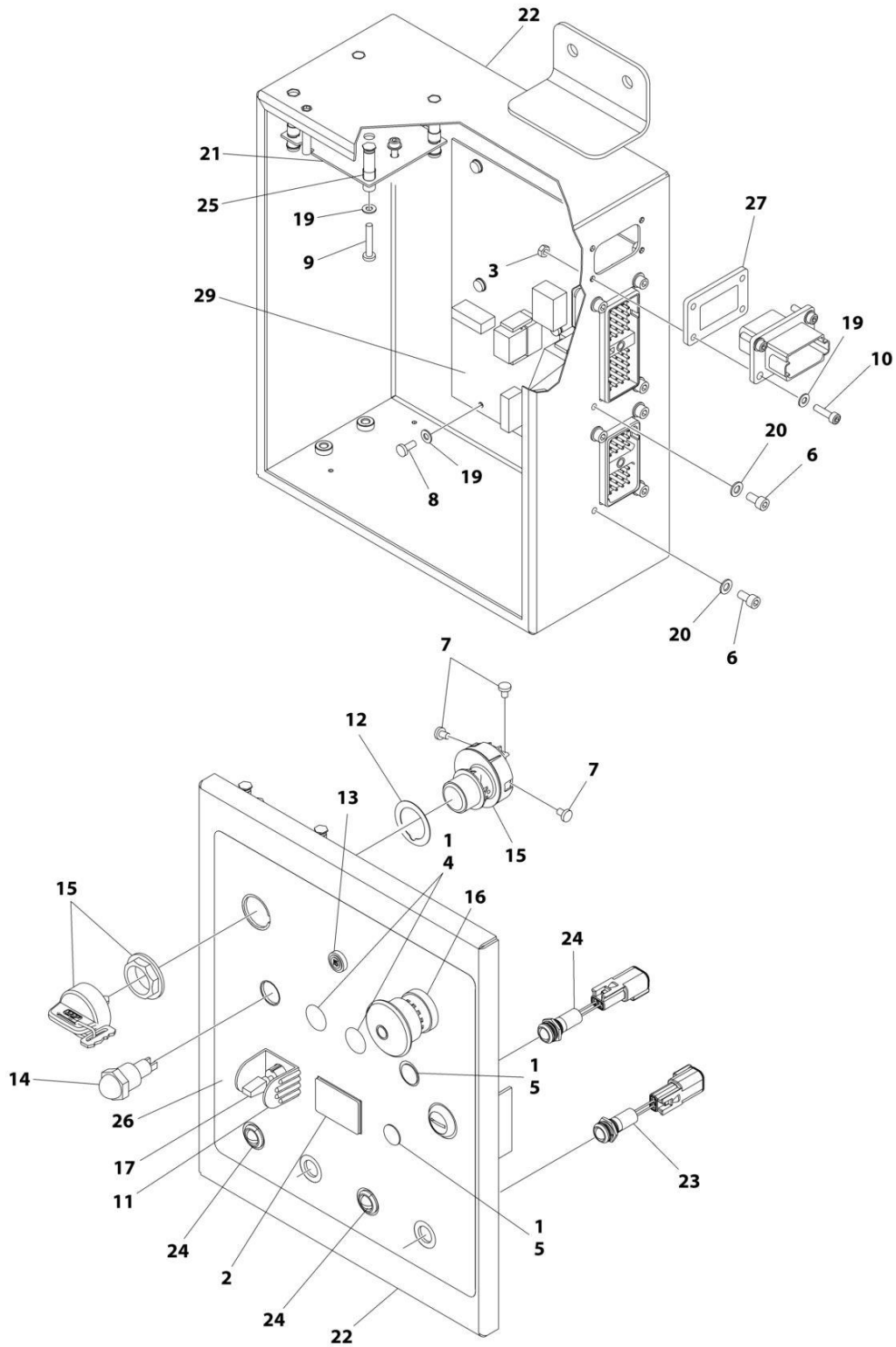
SECTION 2 - GROUND CONTROLS

FIGURE 2-9. GROUND CONTROL BOX ASSEMBLY - KUBOTA DIESEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236353	Ref	GROUND CONTROL BOX ASSEMBLY - KUBOTA DIESEL	D
1	0100009	AR	Sealant	
2	2420172	1	Gauge	
3	3290405	4	Nut M4	
4	3520026	1	Plug, Hole	
5	3520028	2	Plug, Hole	
6	3900300	8	Capscrew	
7	4010403	4	Screw M4 x 6	
8	4010405	4	Screw M4 x 10	
9	4010412	4	Screw M4 x 24	
10	4031507	4	Capscrew M4 x 16	
11	4060802	1	Guard, Switch	
12	4360070	1	Breaker, Circuit 15Amp	
13	4360387	2	Switch, Push Button	
14	4360469	1	Switch, Key	
14	2860030	1 set	Key, Replacement	
15	1001274559	1	Switch, Emergency Stop (Plastic)	
15	4360475	1	Switch, Emergency Stop (Metal)	
15	7020175	1	Cap	
15	7020176	1	Block, Contact	
16	4360524	1	Switch, Toggle	
17	4460234	8	Mount, Tie-Strap (Not Shown)	
18	4811400	12	Washer M4	
19	4811600	8	Washer M5	
20	4070987	5	Shim, .063	
21	1001181330	1	Sensor	
21	See Note	1	Connector - 4 Position (Note: Not Available for Purchase)	
21	See Note	4	Terminal (Note: Not Available for Purchase)	
22	1001181711	1	Box, Ground Control	
22	1001165791	1	Hinge	
22	1001166257	1	Latch	
23	1001182680	1	LED Light with Connector (Red)	
24	1001182681	3	LED Light with Connector (Yellow)	
25	1001184730	4	Washer, Nylon	
26	1001189773	1	Decal, Ground Control	
27	1001190002	1	Seal, Connector	
28	1001227353	1	Ground Control Box Harness - Upper (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
29	1001234735	1	Module, Ground Control (Note: Re-calibration Required when Replaced)	
30	1001236153	1	Ground Control Box Harness - Lower (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	

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FIGURE 2-10. GROUND CONTROL BOX ASSEMBLY - KUBOTA GASOLINE



ART_1001236430

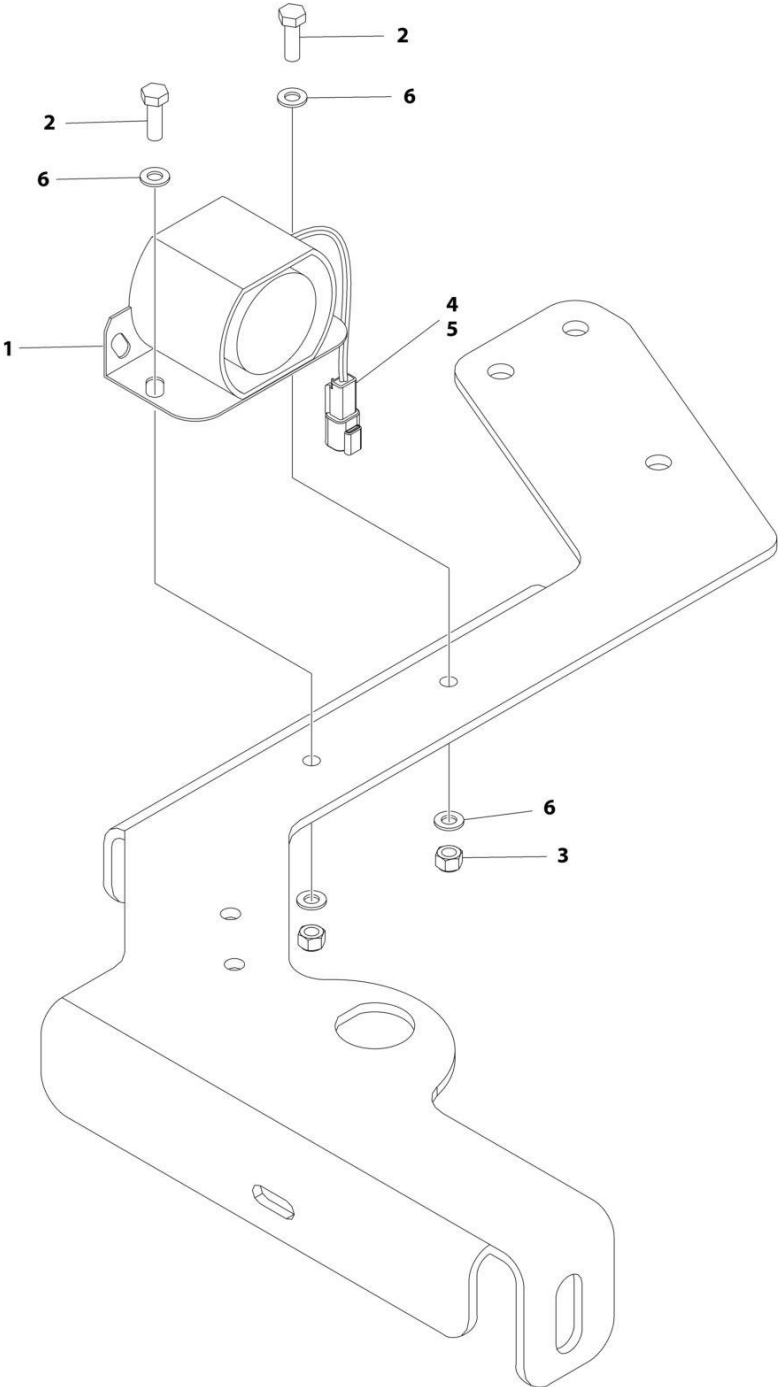
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FIGURE 2-10. GROUND CONTROL BOX ASSEMBLY - KUBOTA GASOLINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236430	Ref	GROUND CONTROL BOX ASSEMBLY - KUBOTA GASOLINE	D
1	0100009	AR	Sealant	
2	2420172	1	Gauge	
3	3290405	4	Nut M4	
4	3520026	2	Plug, Hole	
5	3520028	2	Plug, Hole	
6	3900300	8	Capscrew	
7	4010403	4	Screw M4 x 6	
8	4010405	4	Screw M4 x 10	
9	4010412	4	Screw M4 x 24	
10	4031507	4	Capscrew M4 x 16	
11	4060802	1	Guard, Switch	
12	4070987	AR	Shim, .015	
13	4360070	1	Breaker, Circuit 15Amp	
14	4360387	1	Switch, Push Button	
15	4360469	1	Switch, Key	
15	2860030	1 set	Key, Replacement	
16	1001274559	1	Switch, Emergency Stop (Plastic)	
16	4360475	1	Switch, Emergency Stop (Metal)	
16	7020175	1	Cap	
16	7020176	1	Block, Contact	
17	4360524	1	Switch, Toggle	
18	4460234	AR	Mount, Tie-Strap (Not Shown)	
19	4811400	12	Washer M4	
20	4811600	8	Washer M5	
21	1001181330	1	Sensor	
21	See Note	1	Connector - 4 Position (Note: Not Available for Purchase)	
21	See Note	4	Terminal (Note: Not Available for Purchase)	
22	1001181711	1	Box, Ground Control	
22	1001165791	1	Hinge	
22	1001166257	1	Latch	
23	1001182680	1	LED Light with Connector (Red)	
24	1001182681	3	LED Light with Connector (Yellow)	
25	1001184730	4	Washer, Nylon	
26	1001189773	1	Decal - Ground Control	
27	1001190002	1	Seal, Connector	
28	1001227353	1	Ground Control Box Harness - Upper (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	
29	1001234735	1	Module, Ground Control (Note: Re-calibration Required when Replaced)	
30	1001236153	1	Ground Control Box Harness - Lower (Not Shown) (See Separate Breakdown in ELECTRICAL SECTION)	

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FIGURE 2-11. MOTION ALARM INSTALLATION



ART_1001206689

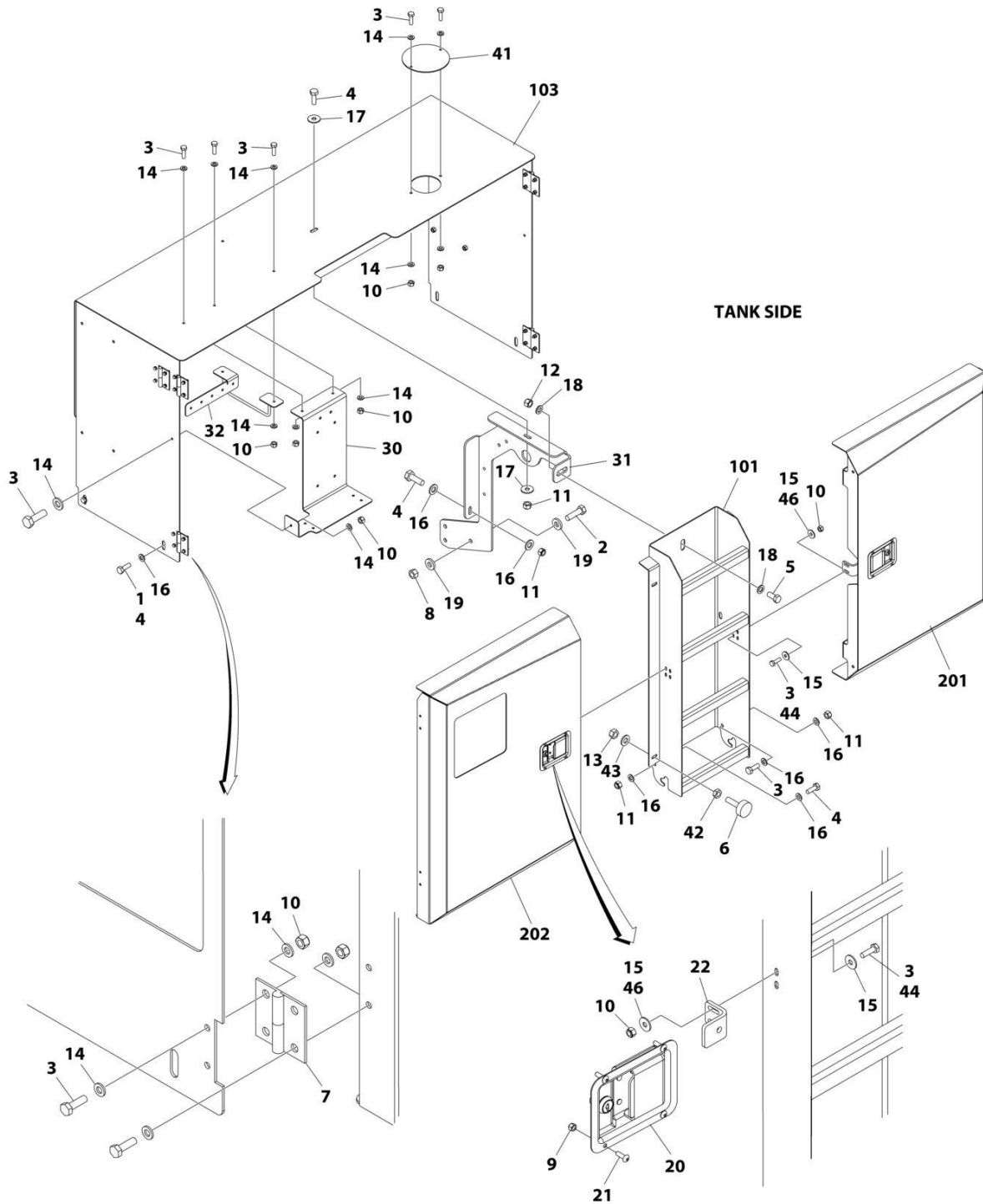
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FIGURE 2-11. MOTION ALARM INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206689	Ref	MOTION ALARM INSTALLATION	A
1	0140032	1	Alarm	
2	0770812	2	Bolt M8 x 25	
3	3290805	2	Nut M8	
4	4460464	2	Pin, Male	
5	4460897	1	Receptacle, Female - 2 Position	
6	4811900	4	Washer M8	

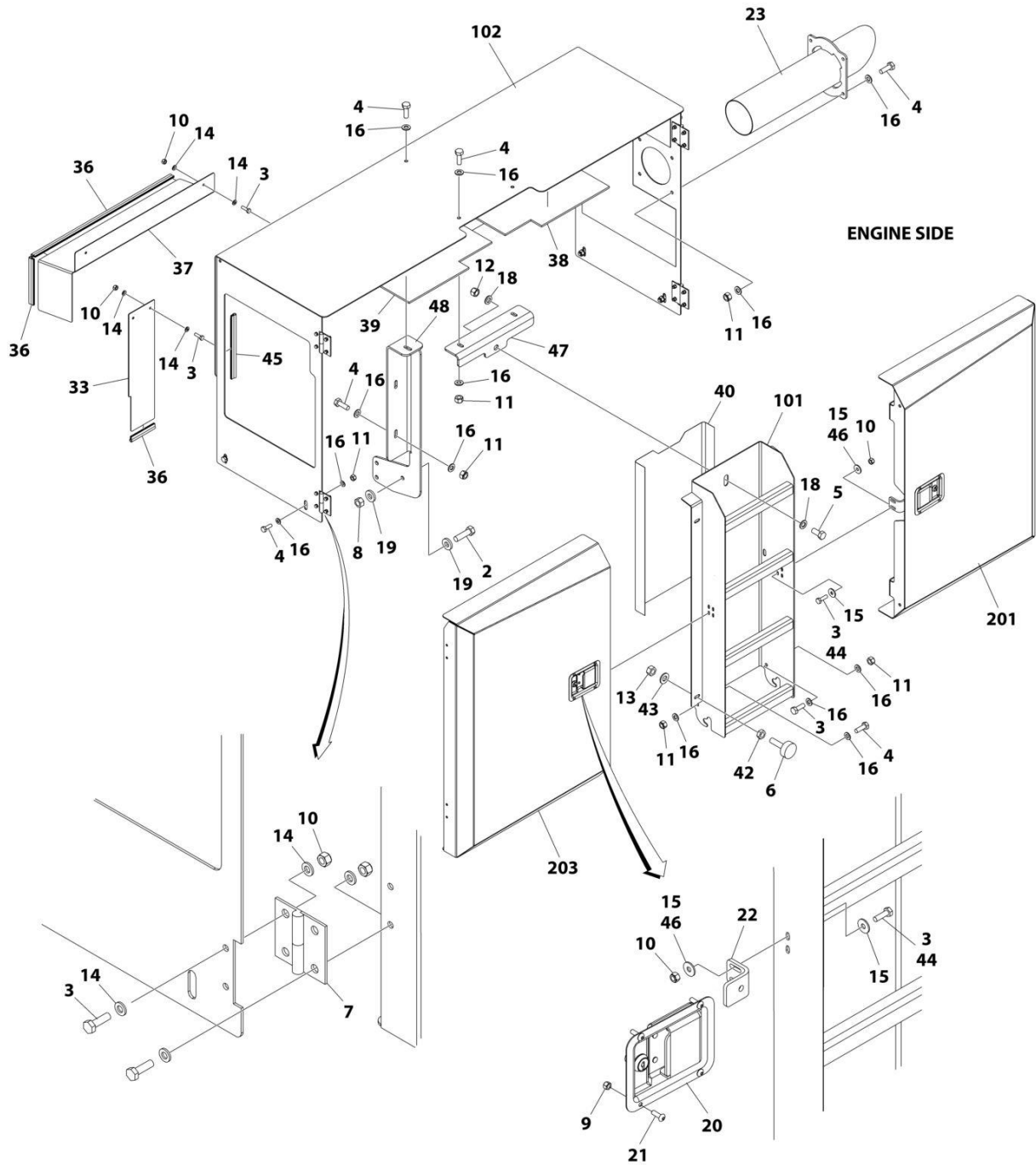
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FIGURE 2-12. HOODS AND LADDERS INSTALLATION



ART_1001204695_M_10F2

SECTION 2 - GROUND CONTROLS



ART_1001204695_M_2OF2

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FIGURE 2-12. HOODS AND LADDERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001204695	Ref	HOODS AND LADDERS INSTALLATION	M
1	0100011	AR	Compound, Locking	
2	0681814	6	Bolt 1/2 x 1-3/4 Grade 8	
3	0760610	43	Bolt M6 x 20	
4	0761014	23	Bolt M10 x 30	
5	0761615	2	Bolt M16 x 35	
6	0940049	8	Stopper	
7	2600216	8	Hinge	
8	3271805	6	Nut 1/2 Grade 8	
9	3290505	AR	Nut M5	
10	3290605	51	Nut M6	
11	3291005	19	Nut M10	
12	3291605	2	Nut M16	
13	3311501	8	Nut 5/16	
14	4811700	86	Washer M6	
15	4811702	16	Washer M6	
16	4812000	40	Washer M10	
17	4812002	2	Washer M10	
18	4812300	4	Washer M16	
19	4891800	12	Washer 1/2	
20	1001257454	4	Latch	
21	1001099125	AR	Screw M5 x 16 Grade 10.9	
22	1001219882	4	Bracket, Latch	
23	1001183416	1	Tube, Exhaust	
30	1001204248	1	Bracket, Ground Control Box	
31	1001204382	AR	Support, Ladder	
32	1001209208	1	Support, Harness	
33	1001218727	1	Bracket, Generator	
36	1001110433	37.2 in/ 94.5cm	Seal	
37	1001218729	1	Bracket, Generator	
38	1001225258	1	Insulate (Right)	
39	1001225257	1	Insulate (Left)	
40	1001238471	1	Insulate	
41	1001226221	1	Plate, Access	
42	3311502	8	Nut 5/16 Grade 2	
43	4711500	16	Washer 5/16	
44	0760612	8	Bolt M6 x 25	
45	4060803	7.4 in /19cm	Shield, Flex Trim	
46	5240600	AR	Washer M6	
47	1001237907	1	Bracket, Ladder Support	
48	1001237908	1	Bracket, Hood Support	
100	1001219802	1	Hood Kit	
101	1001204140	2	Ladder	
102	1001239222	1	Cover (Engine Side)	
103	1001204236	1	Cover (Tank Side)	
200	1001258394	1	Door Kit	
201	1001258390	2	Door (Rear)	
202	1001258391	1	Door (Tank Side Front)	

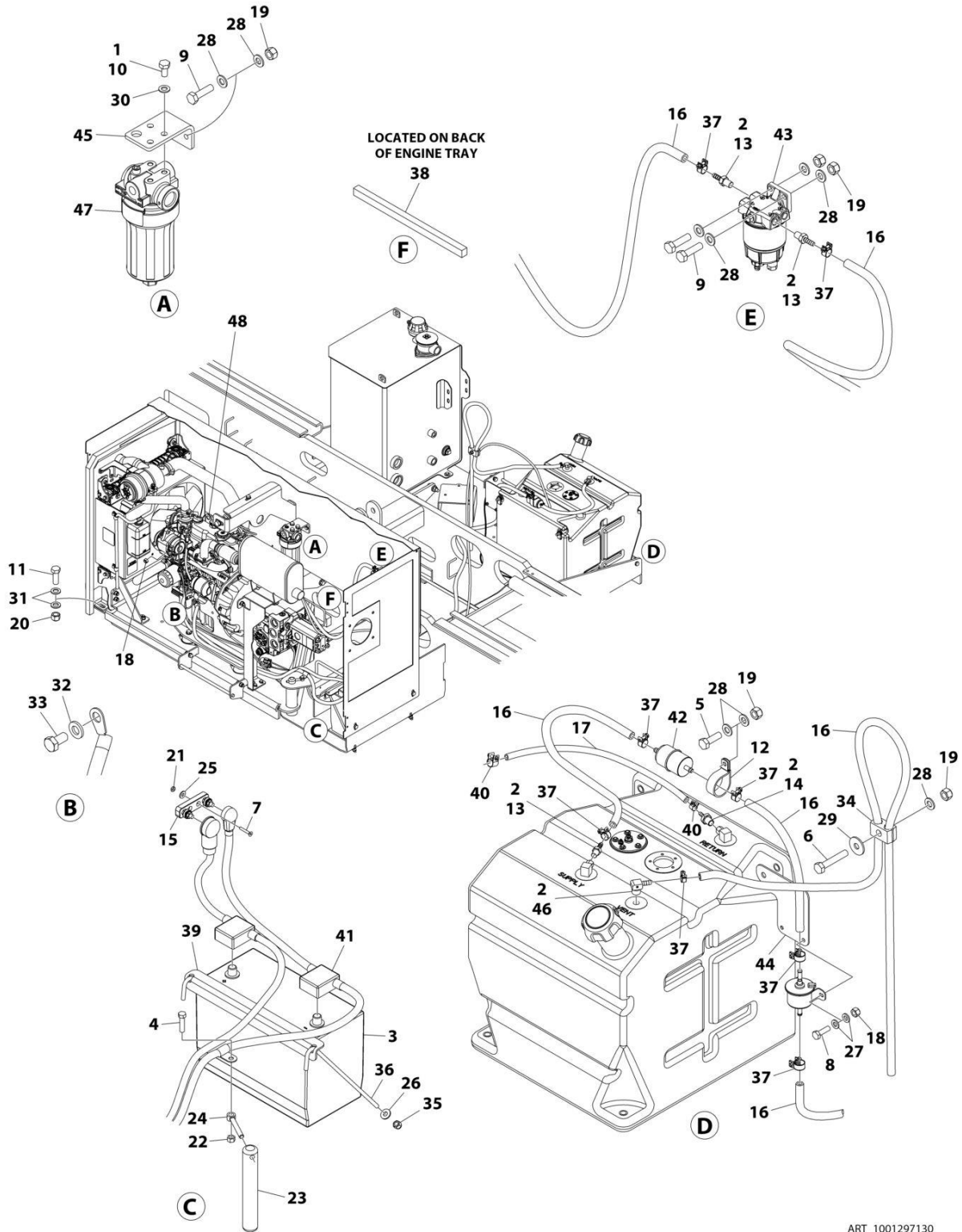
SECTION 2 - GROUND CONTROLS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
203	1001258392	1	Door (Engine Side Front)	

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SECTION 3 - ENGINE

FIGURE 3-1. ENGINE INSTALLATION - KUBOTA DIESEL



ART_1001297130

SECTION 3 - ENGINE

FIGURE 3-1. ENGINE INSTALLATION - KUBOTA DIESEL

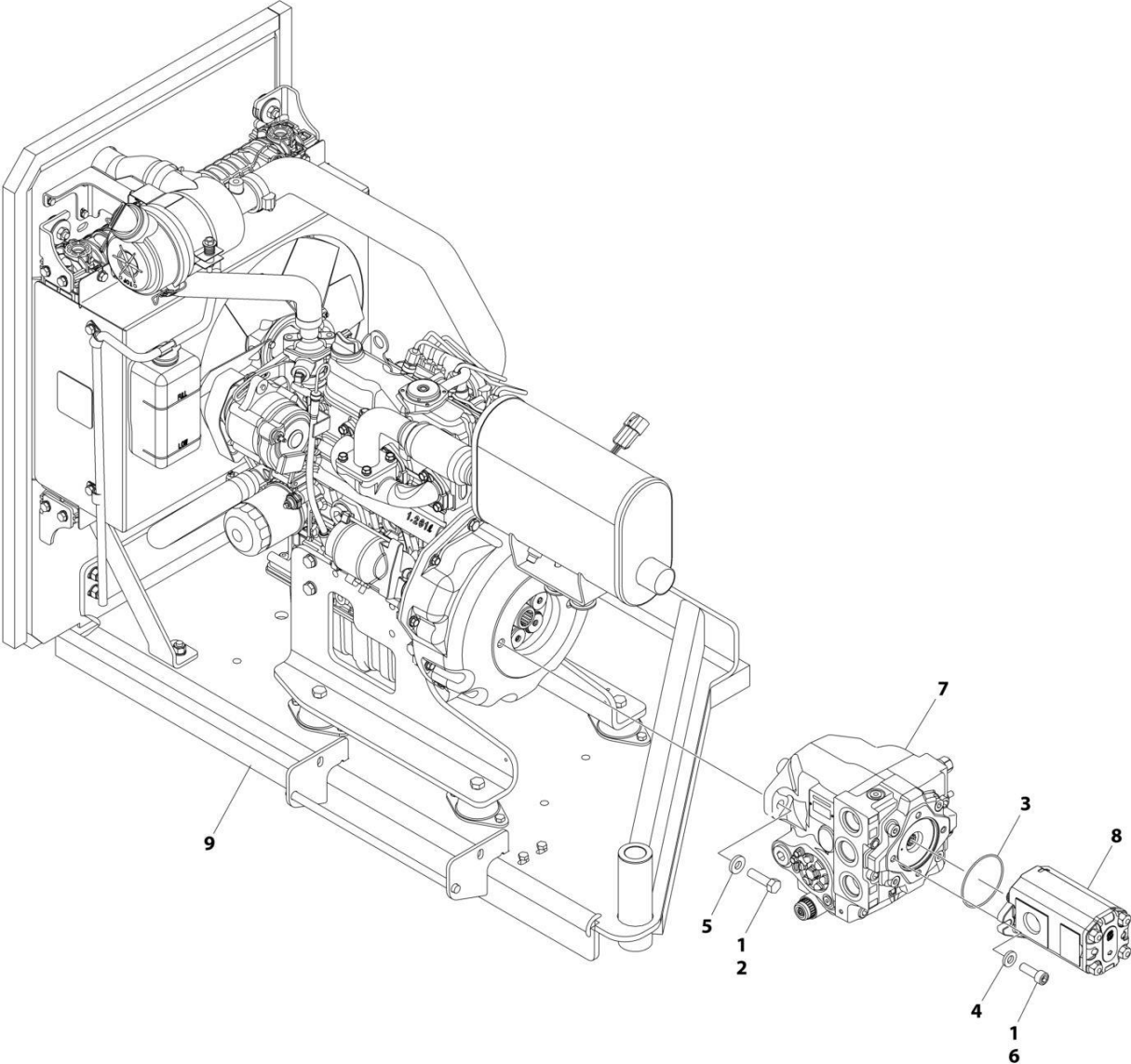
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297130	Ref	ENGINE INSTALLATION - KUBOTA DIESEL T4F	A
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0400075	1	Battery	
4	0641612	1	Bolt 3/8 x 1-1/2	
5	0700812	1	Bolt M8 x 25	
6	0700817	1	Bolt M8 x 45	
7	0741010	2	Screw #10 x 1-1/4	
8	0760610	2	Bolt M6 x 20	
9	0760814	4	Bolt M8 x 30	
10	0761010	3	Bolt M10 x 20	
11	0761617	1	Bolt M6 x 45	
12	1320265	1	Clamp	
13	2180348	3	Fitting, Straight NPT x Barbed	
14	2180666	1	Fitting, Straight NPT x Barbed	
15	2400044	1	Block, Fuse Mounting	
16	2720058	20 ft/6 m	Hose	
17	2720271	12 ft/4 m	Hose	
18	3290605	3	Nut M6	
19	3290805	6	Nut M8	
20	3291605	1	Nut M16	
21	3300408	2	Nut	
22	3311605	1	Nut 3/8	
23	3422669	1	Pin	
24	3841143	1	Keeper, Pin	
25	4711400	2	Washer 1/4	
26	4751500	2	Washer 5/16	
27	4811700	4	Washer M6	
28	4811900	11	Washer M8	
29	4811902	1	Washer M8	
30	4812000	3	Washer M10	
31	4812300	2	Washer M16	
32	5241000	1	Washer M10	
33	8303511	1	Capscrew M10 x 20	
34	8750014	1	Clamp	
35	88521205	2	Nut 5/16	
36	1001093382	2	J-Bolt	
37	1001174486	9	Clamp	
38	1001183421	1	Foam, Baffle	
39	1001184065	1	Bracket, Hold Down	
40	1001185585	2	Clamp	
41	1001186428	1	Battery Cable Kit (See Separate Breakdown in ELECTRICAL Section)	
42	1001190545	1	Filter, Fuel	
43	1001190609	1	Fuel/Water Separator Assembly - Diesel Engines (See Separate Breakdown in this Section)	
44	1001191146	1	Bracket	
45	1001194836	1	Bracket	
46	1001208764	1	Fitting, 90 NPT x Barbed	
47	1001208874	1	Filter, Change Pump	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001238772	1	Engine and Pump Sub-Assembly - Kubota Diesel T4F (See Separate Breakdown in this Section)	

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FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL



ART_1001238772

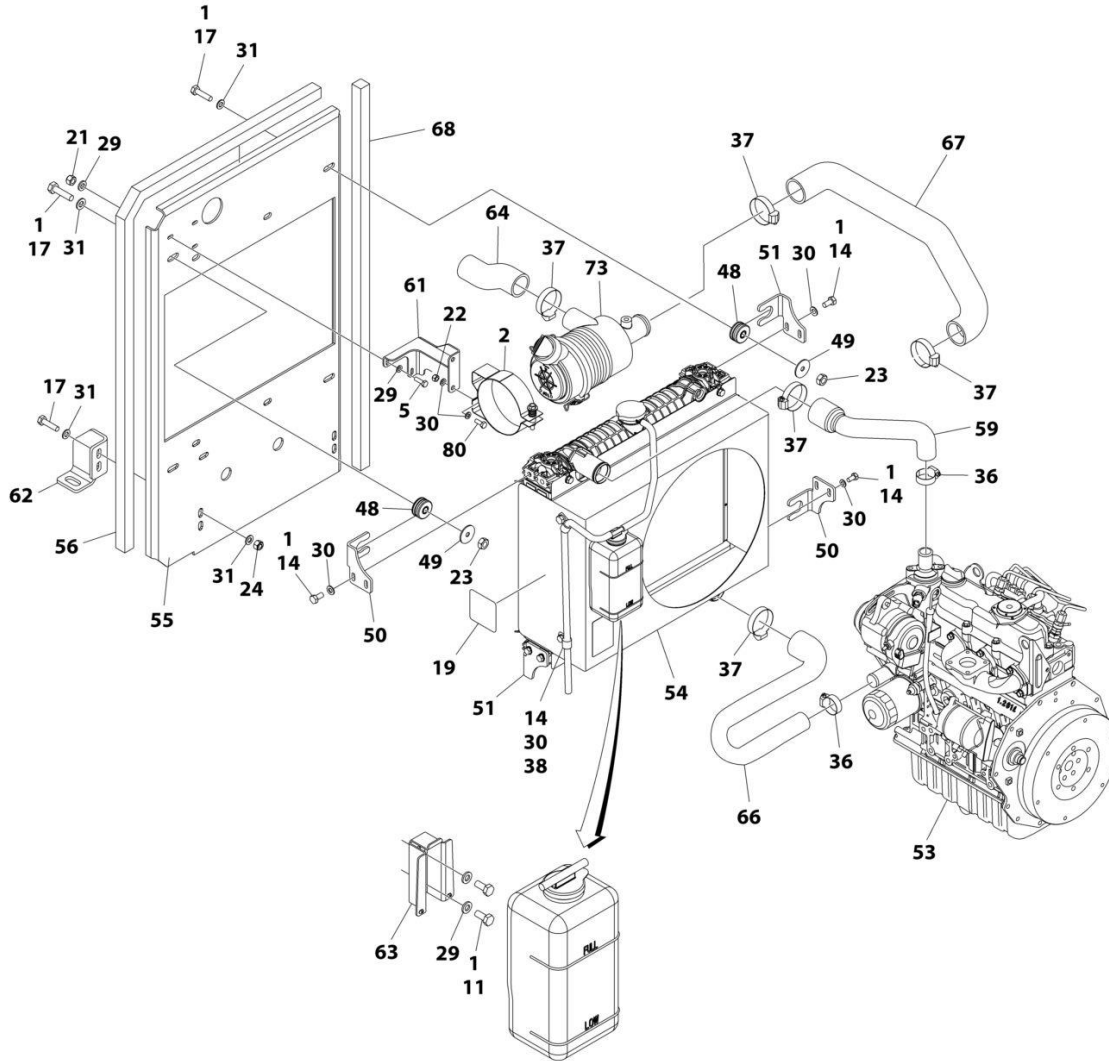
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FIGURE 3-2. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238772	Ref	ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL E4B	C
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	0761014	2	Capscrew M10 x 30	
7	1001101331	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
8	1001239200	1	Gear Pump Assembly	
8	7023929	1	Seal Kit - 1001239200 Pump (Note: Seal Kit is only service component available)	
9	1001238771	1	Engine Assembly - Kubota Diesel E4B (See Separate Breakdown in this Section)	

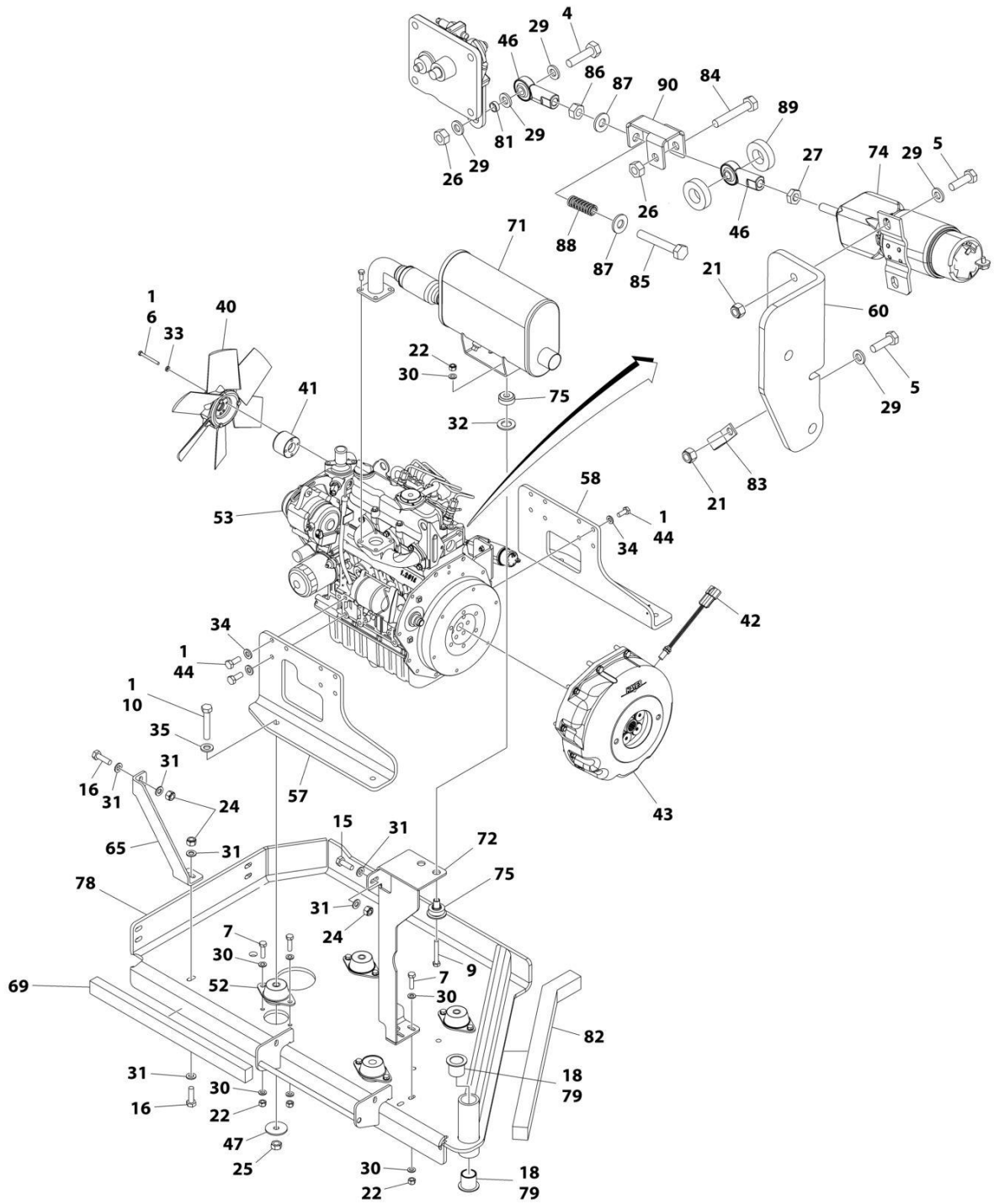
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FIGURE 3-3. ENGINE ASSEMBLY - KUBOTA DIESEL



ART_1001238771_B_10F2

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ART_1001238771_B_2OF2

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FIGURE 3-3. ENGINE ASSEMBLY - KUBOTA DIESEL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238771	Ref	ENGINE ASSEMBLY - KUBOTA DIESEL E4B	B
1	0100011	AR	Compound, Locking	
2	0340045	1	Band, Mounting	
4	0641408	1	Bolt 1/4 x 1	
5	0700610	6	Bolt M6 x 20	
6	0700620	4	Bolt M6 x 60	
7	0700814	10	Bolt M8 x 30	
9	0700819	2	Bolt M8 x 55	
10	0701222	4	Bolt M12 x 70	
11	0760607	2	Bolt M6 x 14	
14	0760808	10	Bolt M8 x 16	
15	0761014	1	Bolt M10 x 30	
16	0761015	4	Bolt M10 x 35	
17	0761016	6	Bolt M10 x 40	
18	0961986	2	Bearing	
19	1703162	2	Decal - Fan Blade	
21	3290605	6	Nut M6	
22	3290805	14	Nut M8	
23	3291001	4	Nut M10	
24	3291005	7	Nut M10	
25	3291201	4	Nut M12	
26	3311405	2	Nut 1/4	
27	3321402	1	Nut 1/4	
29	4811700	14	Washer M6	
30	4811900	36	Washer M8	
31	4812000	18	Washer M10	
32	4812500	2	Washer M20	
33	5240600	4	Washer M6	
34	5241000	8	Washer M10	
35	5241200	4	Washer M12	
36	8405101	2	Clamp	
37	8405104	5	Clamp	
38	85941016	2	Clamp	
40	1001118538	1	Fan	
41	1001118539	1	Spacer, Fan	
42	1001118580	1	Sensor, Speed	
43	1001118675	1	Coupling Kit - Diesel Engines (See Separate Breakdown in this Section)	
44	1001118746	8	Bolt M10 x 25	
46	1001118925	2	End, Rod	
47	1001168018	4	Washer	
48	1001169054	4	Isolator	
49	1001169138	6	Pad	
50	1001169967	2	Bracket	
51	1001170035	2	Bracket	
52	1001187235	4	Mount, Motor	
53	1001238770	1	Engine, Kubota T4F (See Separate Breakdown in this Section)	
54	1001220957	1	Radiator & Shroud Assembly	
54	1001198726	1	Radiator	
54	70007502	1	Valve, Drain	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	1001220959	1	Shroud	
55	1001181658	1	Plate, Radiator	
56	1001227285	1	Seal	
57	1001182976	1	Mount, Engine (LH)	
58	1001182977	1	Mount, Engine (RH)	
59	1001182978	1	Tube, Inlet	
60	1001272663	1	Bracket, Throttle Cylinder	
61	1001182980	1	Bracket, Air Cleaner	
62	1001182981	1	Bracket	
63	1001182982	1	Mount	
64	1001182983	1	Tube, Intake	
65	1001182984	1	Bracket, Support	
66	1001182985	1	Tube, Outlet	
67	1001182987	1	Tube, Air Intake	
68	1001183420	1	Foam, Baffle	
69	1001183424	1	Foam, Baffle	
71	1001234950	1	Muffler	
72	1001195600	1	Bracket, Muffler	
73	1001118280	1	Air Filter Assembly	
73	7015004	2	Element	
73	7015005	1	Cover Assembly	
73	1340069	1	Valve, Vacuator	
74	1001274140	1	Actuator, Throttle	
75	1001125248	2	Mount, Engine	
78	1001205968	1	Tray	
79	1001180620	AR	Adhesive	
80	0760810	2	Bolt M8 x 20	
81	1001128888	1	Washer	
82	1001184066	1	Foam, Baffle	
83	1320043	1	Clamp, Cable	
84	0641412	1	Bolt 1/4 x 1-1/2	
85	0651414	1	Bolt 1/4 x 1-3/4	
86	3321401	1	Nut 1/4	
87	4711400	2	Washer 1/4	
88	1001272948	1	Spring	
89	1001272950	2	Washer, Wool Felt	
90	1001273101	1	Bracket, Actuator Link	

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FIGURE 3-4. ENGINE INSTALLATION - KUBOTA DIESEL T4F WITH GENERATOR

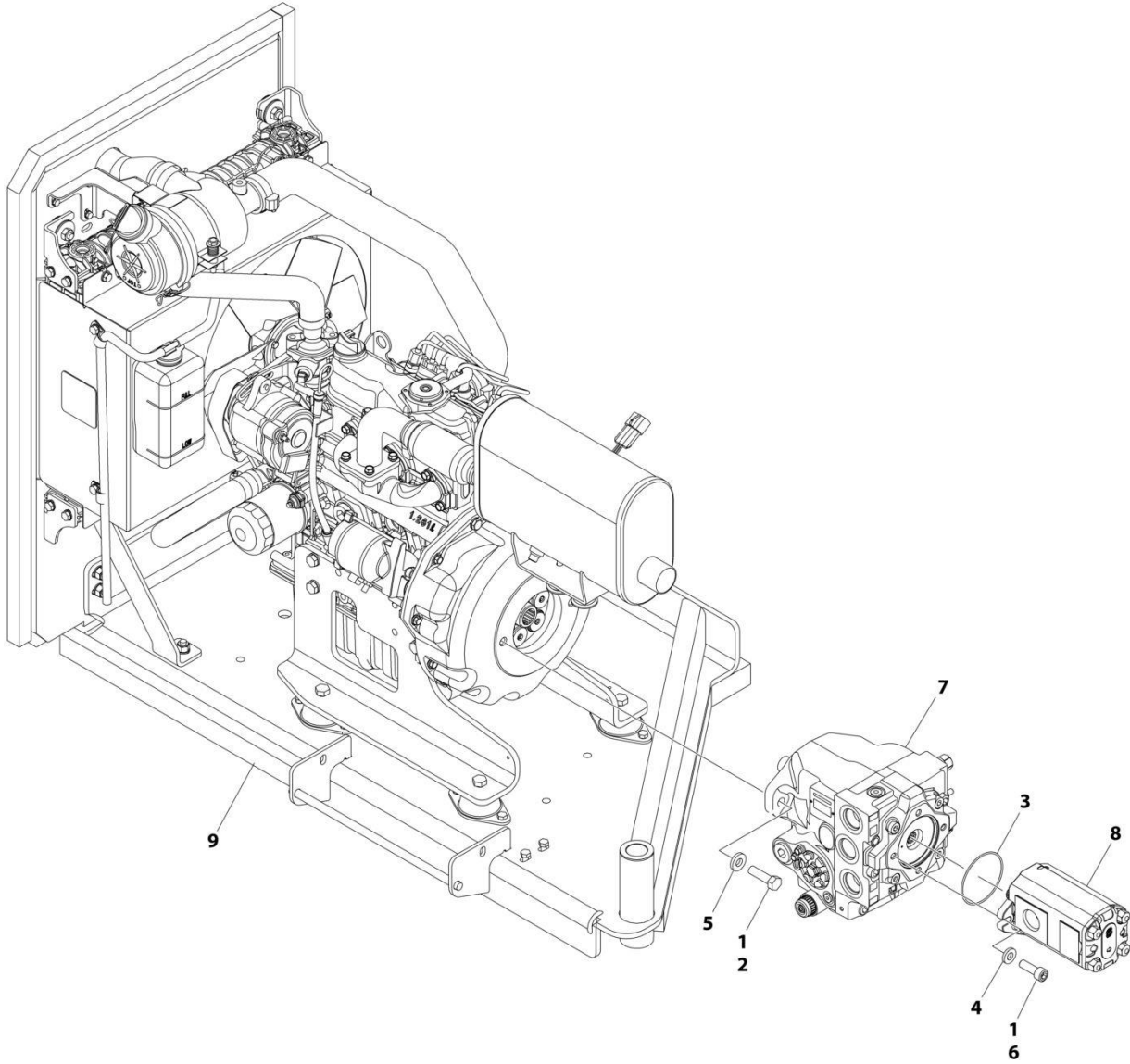
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297174	Ref	ENGINE INSTALLATION - KUBOTA DIESEL T4F	A
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0400075	1	Battery	
4	0641612	1	Bolt 3/8 x 1-1/2	
5	0700812	1	Bolt M8 x 25	
6	0700817	1	Bolt M8 x 45	
7	0741010	2	Screw #10 x 1-1/4	
8	0760610	2	Bolt M8 x 20	
9	0760814	4	Bolt M8 x 30	
10	0761010	3	Bolt M10 x 20	
11	0761617	1	Bolt M16 x 45	
12	1320265	1	Clamp	
13	2180348	3	Fitting, NPT/Barbed	
14	2180666	1	Fitting, NPT/Barbed	
15	2400044	1	Fuse, Mounting Block	
16	2720058	20 ft/6 m	Hose	
17	2720271	11 ft/4 m	Hose	
18	3290605	3	Nut M6	
19	3290805	6	Nut M8	
20	3291605	1	Nut M16	
21	3300408	2	Nut	
22	3311605	1	Nut 3/8	
23	3422669	1	Pin	
24	3841143	1	Keeper, Pin	
25	4711400	2	Washer 1/4	
26	4751500	2	Washer 5/16	
27	4811700	4	Washer M6	
28	4811900	11	Washer M8	
29	4811902	1	Washer M8	
30	4812000	3	Washer M10	
31	4812300	2	Washer M6	
32	5241000	1	Washer M10	
33	8303511	1	Capscrew M10 x 20	
34	8750014	1	Clamp	
35	88521205	2	Nut 5/16	
36	1001093382	2	J-Bolt	
37	1001174486	9	Clamp	
38	1001183421	1	Foam, Baffle	
39	1001184065	1	Bracket, Hold Down	
40	1001185585	2	Clamp	
41	1001186428	1	Battery Cable Kit - Diesel (See Separate Breakdown in ELECTRICAL Section)	
42	1001190545	1	Strainer, Fuel	
43	1001190609	1	Fuel/Water Separator Assembly (See Separate Breakdown in this Section)	
44	1001191146	1	Bracket	
45	1001194836	1	Bracket	
46	1001208764	1	Fitting, 90 NPT x Barbed	
47	1001208874	1	Filter, Charge Pump	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001238774	1	Engine and Pump Sub-Assembly - Kubota Diesel T4F with Generator (See Separate Breakdown in this Section)	

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FIGURE 3-5. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL WITH GENERATOR



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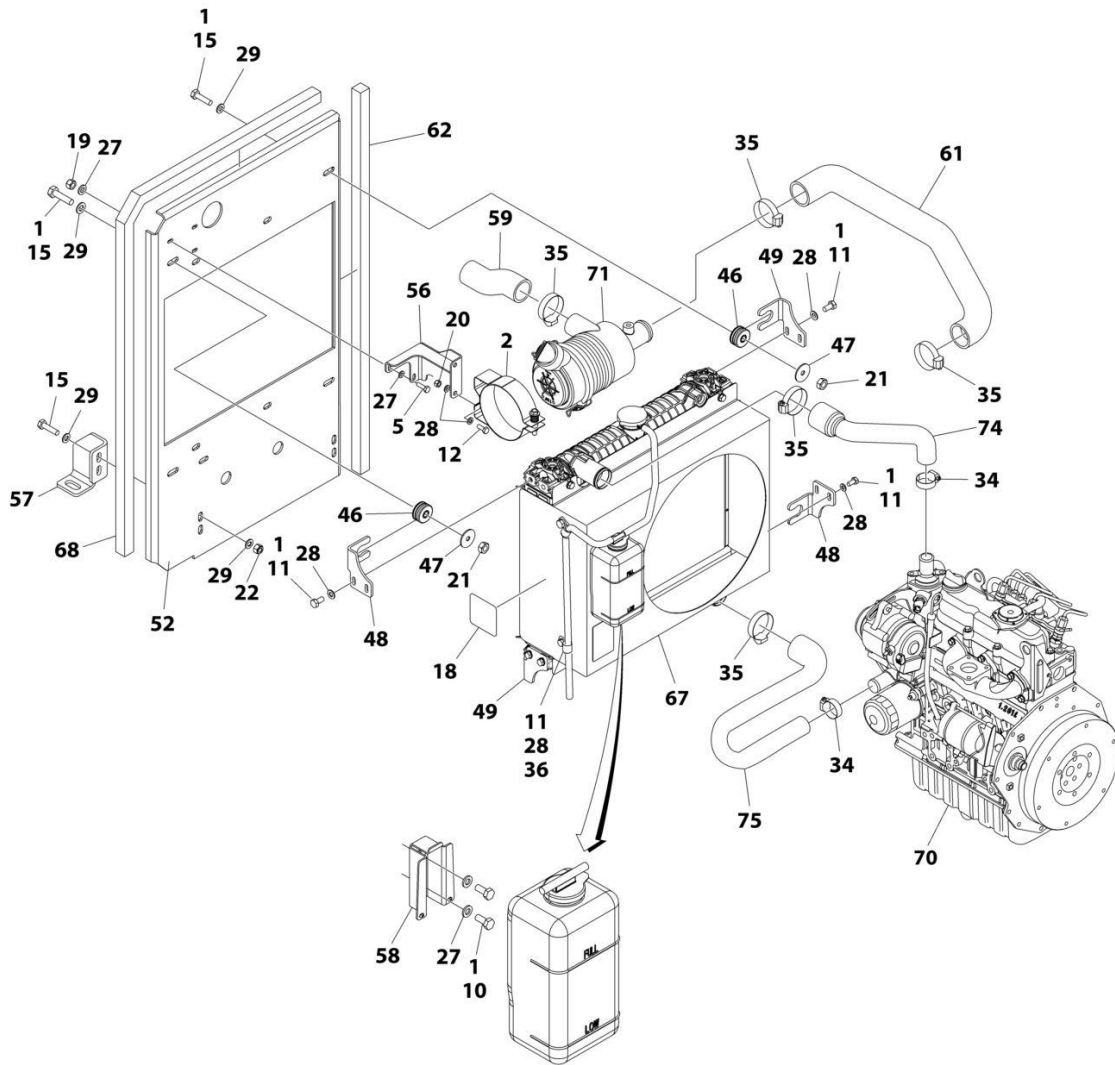
SECTION 3 - ENGINE

FIGURE 3-5. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL WITH GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238774	Ref	ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA DIESEL E4B WITH GENERATOR	C
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	0761014	2	Capscrew M10 x 30	
7	1001101331	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
8	1001239200	1	Gear Pump Assembly	
8	7023929	1	Seal Kit – 1001239200 Pump (Note: Seal Kit is only service component available)	
9	1001238773	1	Engine Assembly - Kubota Diesel E4B with Generator (See Separate Breakdown in this Section)	

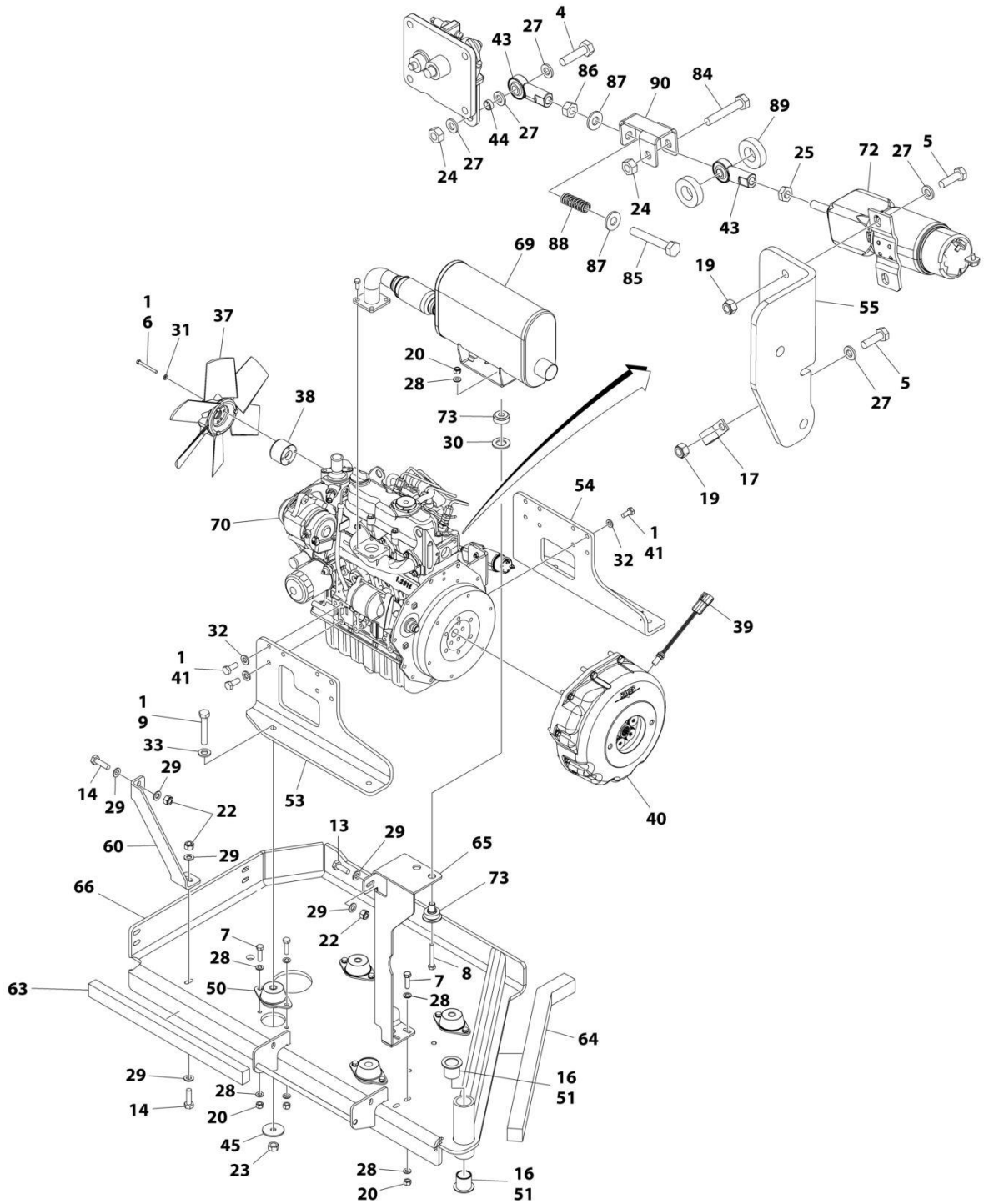
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FIGURE 3-6. ENGINE ASSEMBLY - KUBOTA DIESEL WITH GENERATOR



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FIGURE 3-6. ENGINE ASSEMBLY - KUBOTA DIESEL WITH GENERATOR

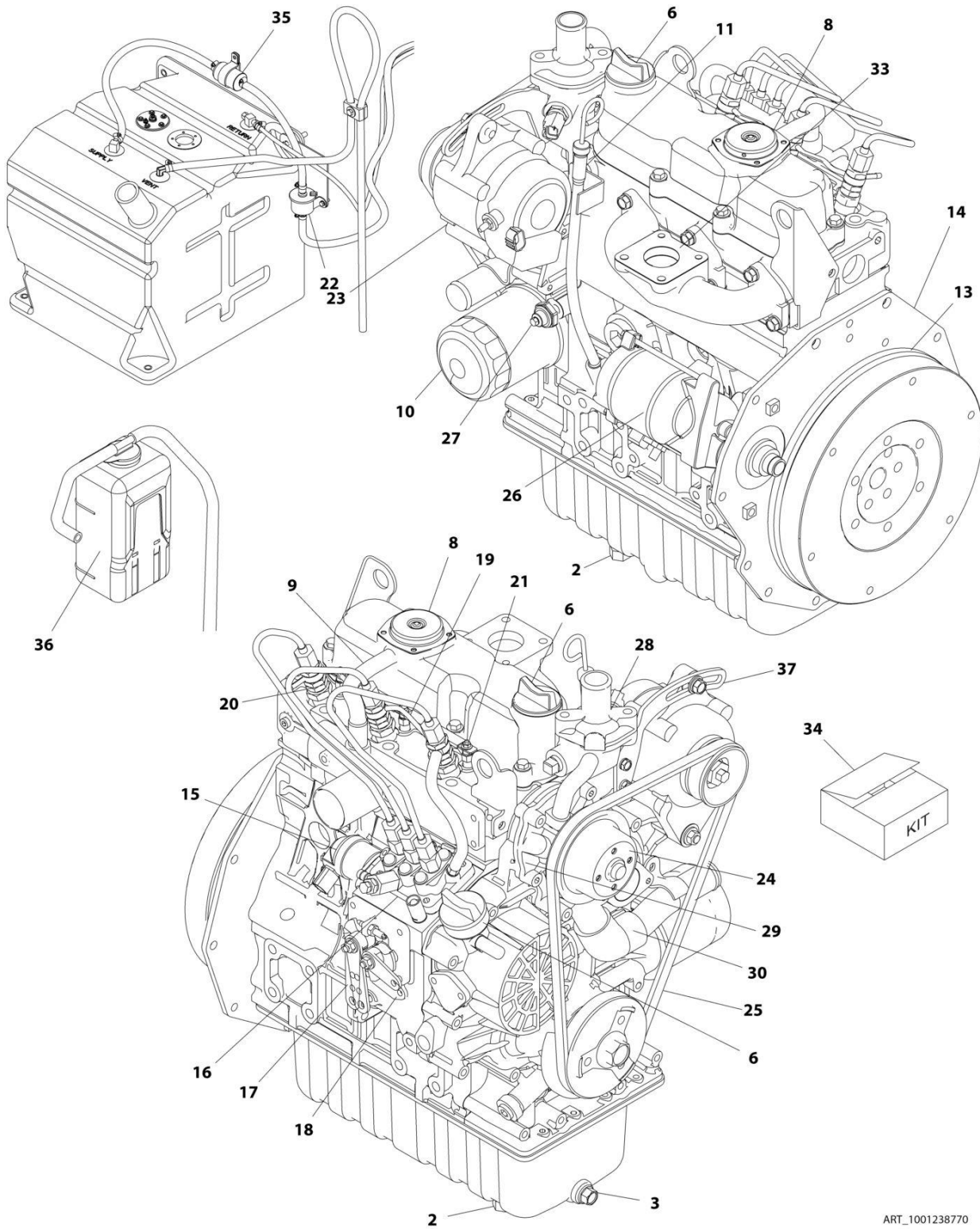
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238773	Ref	ENGINE ASSEMBLY - KUBOTA DIESEL E4B WITH GENERATOR	B
1	0100011	AR	Compound, Locking	
2	0340045	1	Band, Mounting	
4	0641408	1	Bolt 1/4 x 1	
5	0700610	6	Bolt M6 x 20	
6	0700620	4	Bolt M6 x 60	
7	0700814	10	Bolt M8 x 30	
8	0700819	2	Bolt M8 x 55	
9	0701222	4	Bolt M12 x 70	
10	0760607	2	Bolt M6 x 14	
11	0760808	10	Bolt M8 x 16	
12	0760810	2	Bolt M8 x 20	
13	0761014	1	Bolt M10 x 30	
14	0761015	4	Bolt M10 x 35	
15	0761016	6	Bolt M10 x 40	
16	0961986	2	Bearing	
17	1320043	1	Clamp, Cable	
18	1703162	2	Decal - Fan Blade	
19	3290605	6	Nut M6	
20	3290805	14	Nut M8	
21	3291001	4	Nut M10	
22	3291005	7	Nut M10	
23	3291201	4	Nut M12	
24	3311405	2	Nut 1/4	
25	3321402	1	Nut 1/4	
27	4811700	14	Washer M6	
28	4811900	36	Washer M8	
29	4812000	18	Washer M10	
30	4812500	2	Washer M20	
31	5240600	4	Washer M6	
32	5241000	8	Washer M10	
33	5241200	4	Washer M12	
34	8405101	2	Clamp	
35	8405104	5	Clamp	
36	85941016	2	Clamp	
37	1001118538	1	Fan	
38	1001118539	1	Spacer, Fan	
39	1001118580	1	Sensor, Speed	
40	1001118675	1	Coupling Kit - Diesel Engines (See Separate Breakdown in this Section)	
41	1001118746	8	Bolt M10 x 25	
43	1001118925	2	End, Rod	
44	1001128888	1	Washer	
45	1001168018	4	Washer	
46	1001169054	4	Isolator	
47	1001169138	6	Pad	
48	1001169967	2	Bracket	
49	1001170035	2	Bracket	
50	1001175509	4	Mount, Engine	
51	1001180620	1	Adhesive	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	1001181658	1	Plate, Radiator	
53	1001182976	1	Mount, Engine (LH)	
54	1001182977	1	Mount, Engine (RH)	
55	1001272663	1	Bracket, Throttle Cylinder	
56	1001182980	1	Bracket, Air Cleaner	
57	1001182981	1	Bracket	
58	1001182982	1	Mount	
59	1001182983	1	Tube, Intake	
60	1001182984	1	Bracket, Support	
61	1001182987	1	Tube, Air Intake	
62	1001183420	1	Foam, Baffle	
63	1001183424	1	Foam, Baffle	
64	1001184066	1	Foam, Baffle	
65	1001195600	1	Bracket, Muffler	
66	1001205968	1	Tray	
67	1001220957	1	Radiator & Shroud Assembly	
67	1001198726	1	Radiator	
67	70007502	1	Valve, Drain	
67	1001220959	1	Shroud	
68	1001227285	1	Seal	
69	1001234950	1	Muffler	
70	1001238770	1	Engine, Kubota T4F (See Separate Breakdown in this Section)	
71	1001118280	1	Air Filter Assembly	
71	7015004	1	Element	
71	7015005	1	Cover Assembly	
71	1340069	1	Valve, Vacuator	
72	1001274140	1	Actuator, Throttle	
73	1001125248	2	Mount, Engine	
74	1001182978	1	Tube, Inlet	
75	1001182985	1	Tube, Outlet	
84	0641412	1	Bolt 1/4 x 1-1/2	
85	0651414	1	Bolt 1/4 x 1-3/4	
86	3321401	1	Nut 1/4	
87	4711400	2	Washer 1/4	
88	1001272948	1	Spring	
89	1001272950	2	Washer, Wool Felt	
90	1001273101	1	Bracket, Actuator Link	

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FIGURE 3-7. ENGINE COMPONENTS - KUBOTA DIESEL



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FIGURE 3-7. ENGINE COMPONENTS - KUBOTA DIESEL

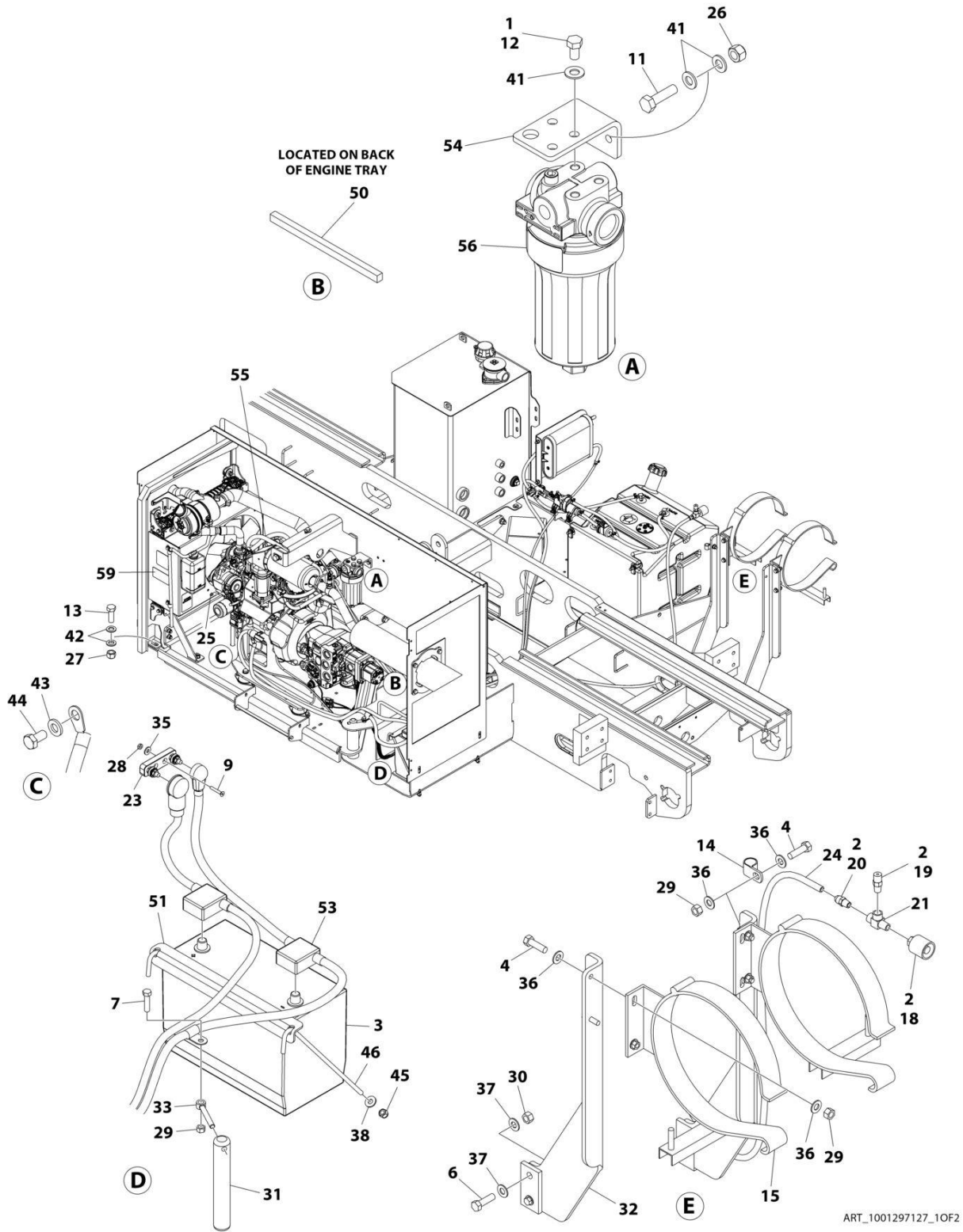
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001238770	Ref	ENGINE COMPONENTS - KUBOTA DIESEL T4F	A
1	70004524	1	Drain (Not Shown)	
2	7023154	1	Plug, Drain	
2	70002315	1	Seal, Plug	
3	70004525	1	Plug, Drain	
3	70004526	1	Gasket	
4	70005220	1	Gasket, Cylinder Head (Not Shown)	
5	7017922	1	Seal, Front Main (Not Shown)	
6	70002318	2	Cap, Oil Fill	
6	70004311	2	O-Ring	
7	70005221	1	Gasket, Valve Cover (Not Shown)	
8	70003060	1	Comp Valve, Breather	
8	70003061	1	Cover, Breather	
8	7017934	4	Screw	
9	70002316	1	Pipe, Water Return	
9	70002317	1	Tube, Breather	
9	70004530	1	Clamp, Hose	
9	70004531	1	Band, Pipe	
10	70004395	1	Filter, Oil	
11	70005222	1	Dipstick	
11	70005223	1	Tube, Dipstick	
12	7017928	1	Seal, Rear Main (Not Shown)	
13	70005224	1	Gear, Ring	
14	70002419	1	Plate, Rear End	
15	7025479	1	Solenoid, Stop	
16	7023164	1	Pump, Injection	
16	70002319	1	Shim, Injection	
16	70002320	1	Shim, Injection	
16	70002321	1	Shim, Injection Pump	
16	70002322	1	Shim, Injection Pump	
16	70002323	1	Shim, Injection Pump	
16	7017945	1	Joint, Eye	
17	70004396	1	Control, Speed	
17	70004397	1	Gasket	
18	7023165	1	Gasket	
19	70004536	1	Pipe, Over Flow	
19	70004537	1	Screw, Air Bleeder	
19	70004538	1	Gasket	
19	70004539	1	Pipe, Over Flow	
20	70004399	3	Holder, Nozzle	
20	70004540	3	Nut	
20	7023167	3	Gasket	
20	7023168	3	Seal, Heat	
21	70004398	3	Plug, Glow	
21	70004544	1	Cord, Glow Plug	
22	70005228	1	Electric Fuel Feed Pump	
23	70006661	1	Alternator - 60Amp	
24	7023140	1	Pulley, Fan	
25	70006665	1	V-Belt	
26	7023144	1	Starter	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
27	7017901	1	Switch, Oil	
28	70004829	1	Pipe, Water Return	
28	7023145	1	Gasket, Flange	
28	7017958	1	Hose, Water Return	
28	7023170	1	Thermostat	
28	70002326	1	Gasket, Thermostat	
28	70003064	1	Sensor, Water Temperature	
28	70003063	1	Washer, Seal	
29	70002327	1	Pump, Water	
29	70002328	1	Gasket, Water Pump	
30	7017963	1	Pipe, Water	
30	70002330	1	Pipe, Water	
31	7023149	1	Gasket, Inlet Manifold (Not Shown)	
32	7023148	1	Gasket, Exhaust Manifold (Not Shown)	
33	7023124	1	Gasket (Muffler)	
33	70004415	4	Bolt, Sems	
34	70005226	1	Upper Gasket Kit	
34	70005227	1	Lower Gasket Kit	
35	7017992	1	Fuel Filter	
36	70005229	1	Tank, Coolant Reserve	
37	70006664	1	Arm, Adjustment	

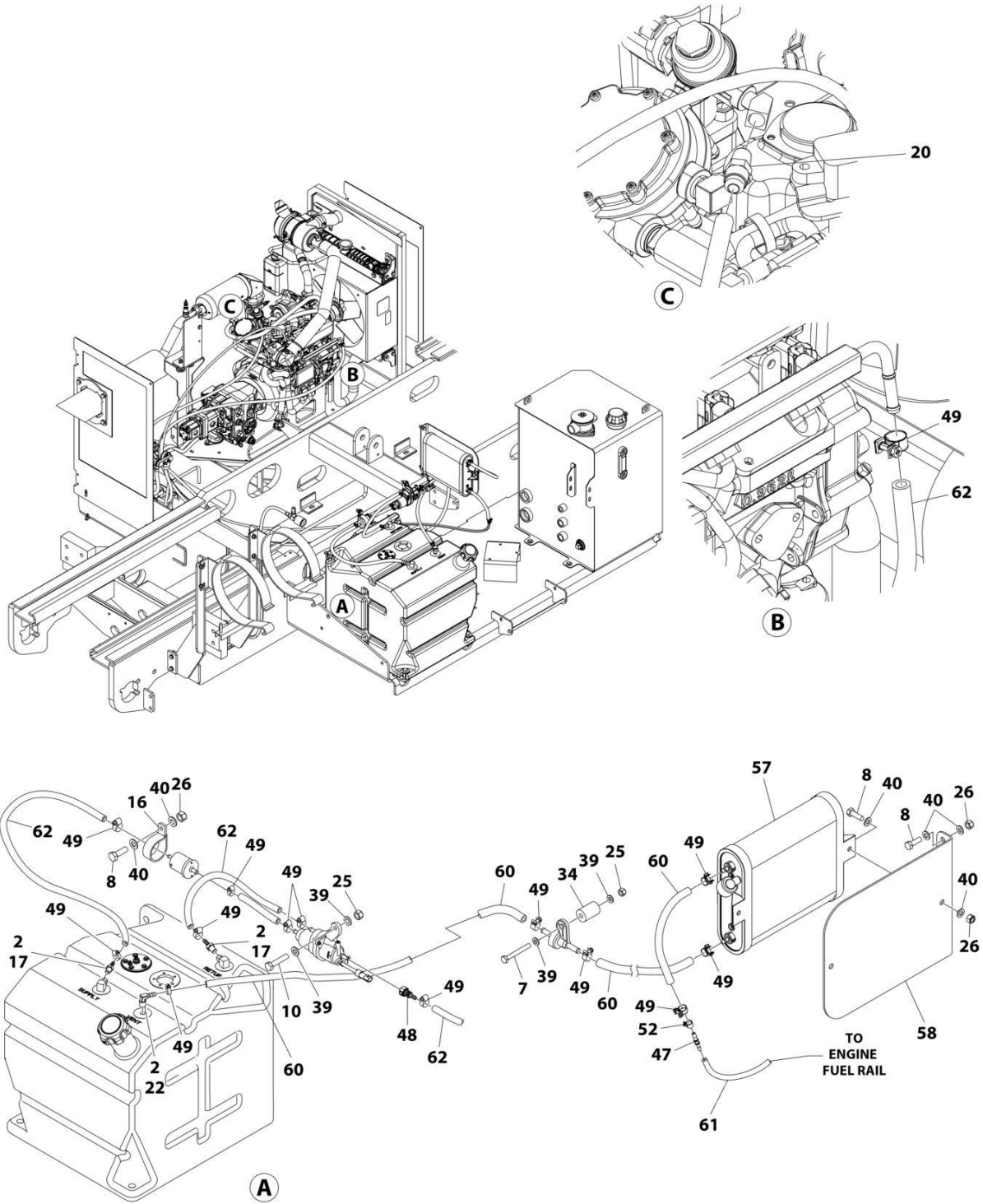
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FIGURE 3-8. ENGINE INSTALLATION - KUBOTA GASOLINE



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FIGURE 3-8. ENGINE INSTALLATION - KUBOTA GASOLINE

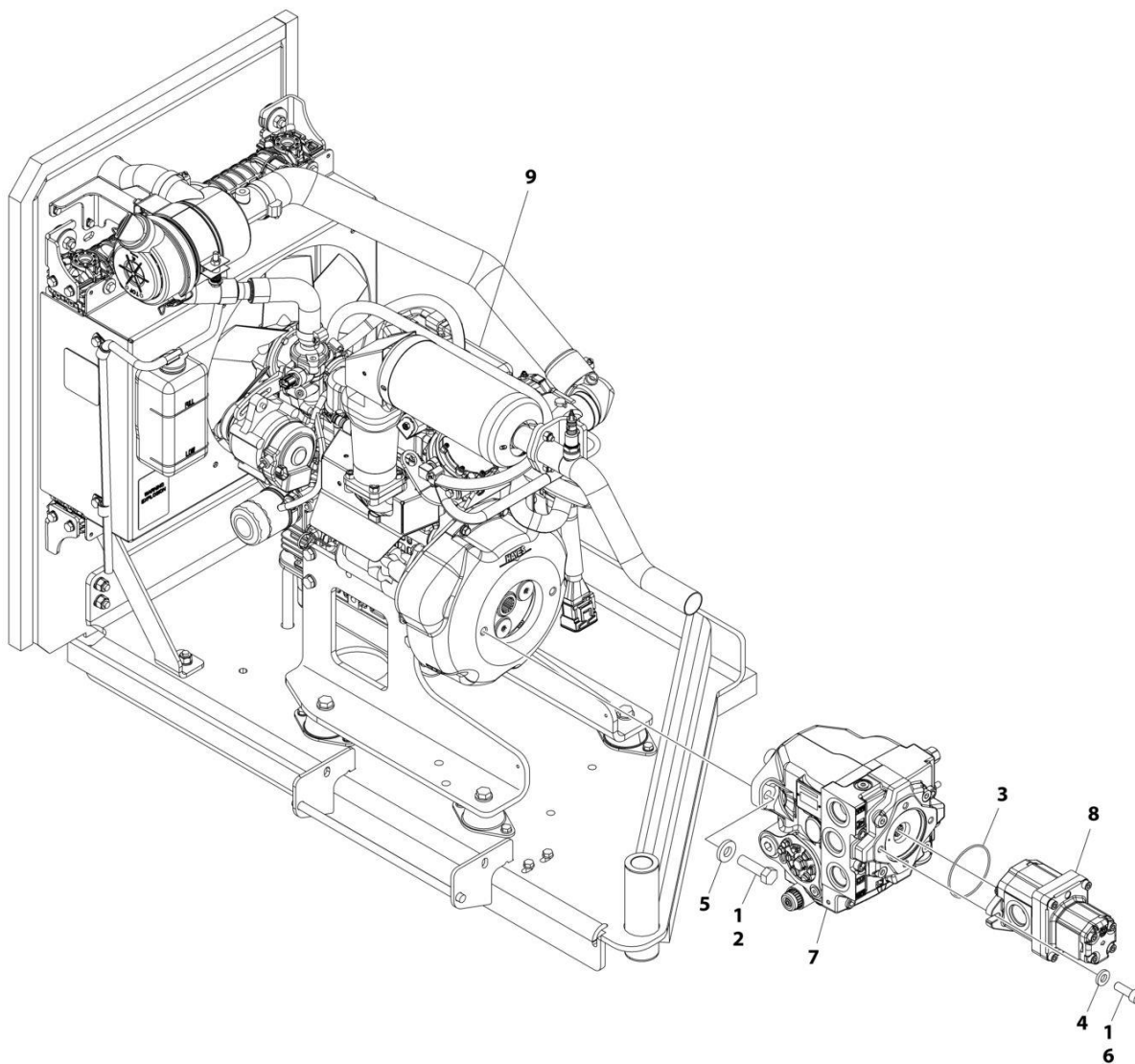
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297127	Ref	ENGINE INSTALLATION - KUBOTA GASOLINE	C
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0400075	1	Battery	
4	0641610	5	Bolt 3/8 x 1-1/4	
5	0641612	1	Bolt 3/8 x 1-1/2	
6	0641812	4	Bolt 1/2 x 1-1/2	
7	0700618	1	Bolt M6 x 50	
8	0700812	5	Bolt M8 x 25	
9	0741010	2	Screw #10 x 1-1/4	
10	0760614	3	Bolt M6 x 30	
11	0760814	2	Bolt M8 x 30	
12	0761010	3	Bolt M10 x 20	
13	0761617	1	Bolt M16 x 45	
14	1320061	1	Clamp	
15	1320220	1	LP Clamp Kit	
16	1320265	1	Clamp	
17	2180348	2	Fitting, Straight NPT x Barbed	
18	2180387	1	Fitting, Tank Connector	
19	2180389	1	Fitting, Relief Valve	
20	2180418	2	Fitting, Straight	
21	2220290	1	Fitting, Tee	
22	2221176	1	Fitting, 90 NPT x Barbed	
23	2400044	1	Block, Fuse Mounting	
24	2720611	1	Hose	
25	3290605	5	Nut M6	
26	3290805	7	Nut M8	
27	3291605	1	Nut M16	
28	3300408	2	Nut	
29	3311605	6	Nut 3/8	
30	3311801	4	Nut 1/2	
31	3422669	1	Pin	
32	3573440	2	Plate, LP Tank Mount	
33	3841143	1	Keeper, Pin	
34	3860111	1	Roller	
35	4711400	2	Washer 1/4	
36	4711600	10	Washer 3/8	
37	4711800	8	Washer 1/2	
38	4751500	2	Washer 5/16	
39	4811700	8	Washer M6	
40	4811900	14	Washer M8	
41	4812000	3	Washer M10	
42	4812300	2	Washer M16	
43	5241000	1	Washer M10	
44	8303511	1	Capscrew M10 x 20	
45	88521205	2	Nut 5/16	
46	1001093382	2	J-Bolt	
47	1001131391	1	Fitting, Coupling	
48	1001174093	1	Coupling, Quick Connect	
49	1001174486	14	Clamp	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	1001183421	1	Foam, Baffle	
51	1001184065	1	Bracket, Hold Down	
52	1001185585	2	Clamp	
53	1001186428	1	Battery Cable Kit (See Separate Breakdown in ELECTRICAL Section)	
54	1001194836	1	Bracket	
55	1001206049	1	Engine and Pump Sub-Assembly - Kubota Gasoline (See Separate Breakdown in this Section)	
56	1001208874	1	Filter, Charge Pump	
57	1001225420	1	Filter, Carbon Canister	
58	1001225421	1	Bracket	
59	1001299769	1	Decal - EPA Evaporation 2022 Standards	
60	1001129255	5 ft/2 m	Hose	
61	1001129256	10 ft/3 m	Hose	
62	1001300357	14 ft/4 m	Hose	

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FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE



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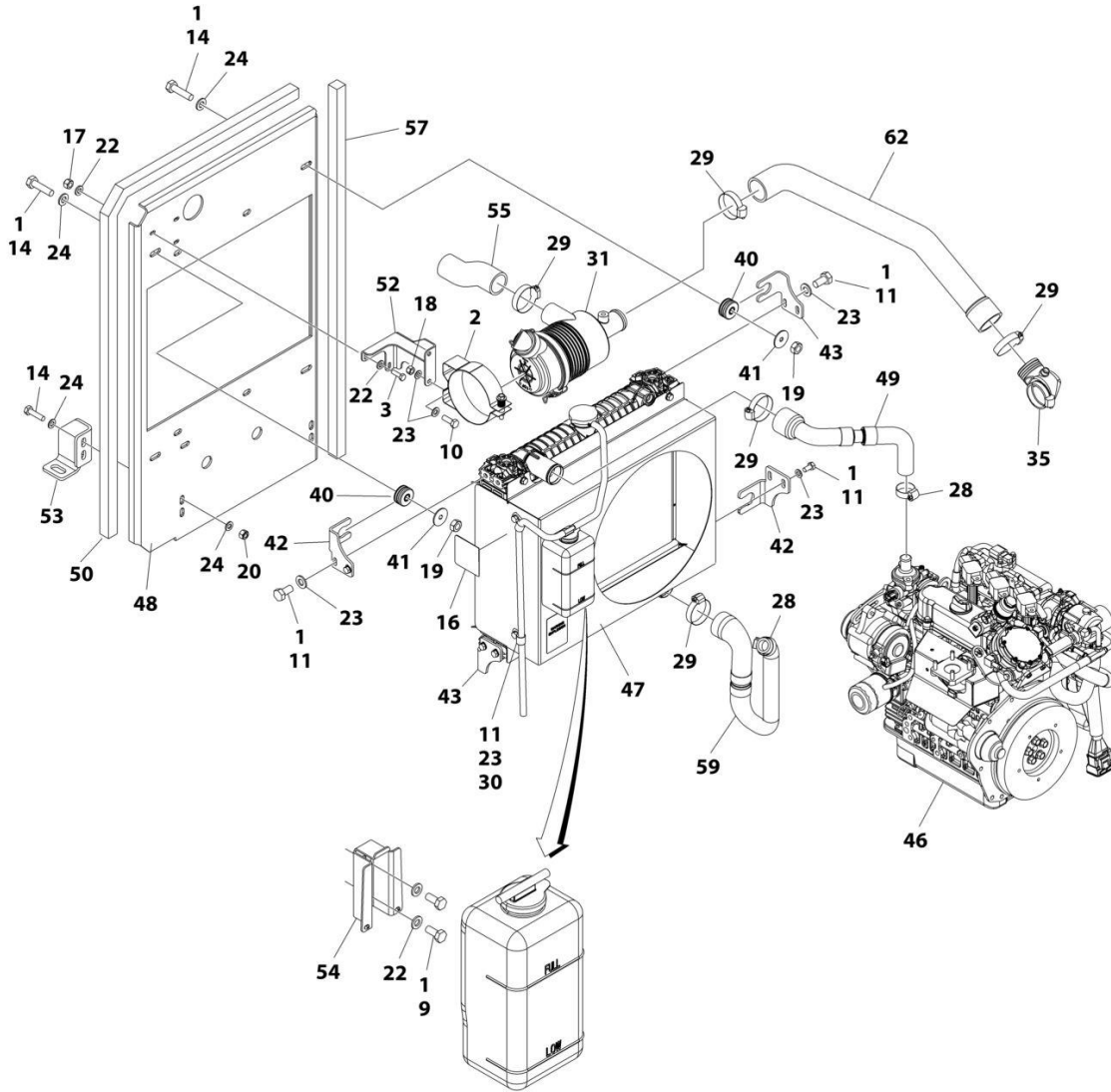
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FIGURE 3-9. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206049	Ref	ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE	F
1	0100011	AR	Compound, Locking	
2	0641814	2	Bolt 1/2 x 1-3/4	
3	3790152	1	O-Ring	
4	4711600	2	Washer 3/8	
5	4891800	2	Washer 1/2	
6	83191040	2	Capscrew M10 x 30	
7	1001101331	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
8	1001217291	1	Gear Pump Assembly	
8	70002861	1	Seal Kit - 1001217291 Pump (Note: Seal Kit is only service component available)	
9	1001205973	1	Engine Assembly - Kubota Gasoline (See Separate Breakdown in this Section)	

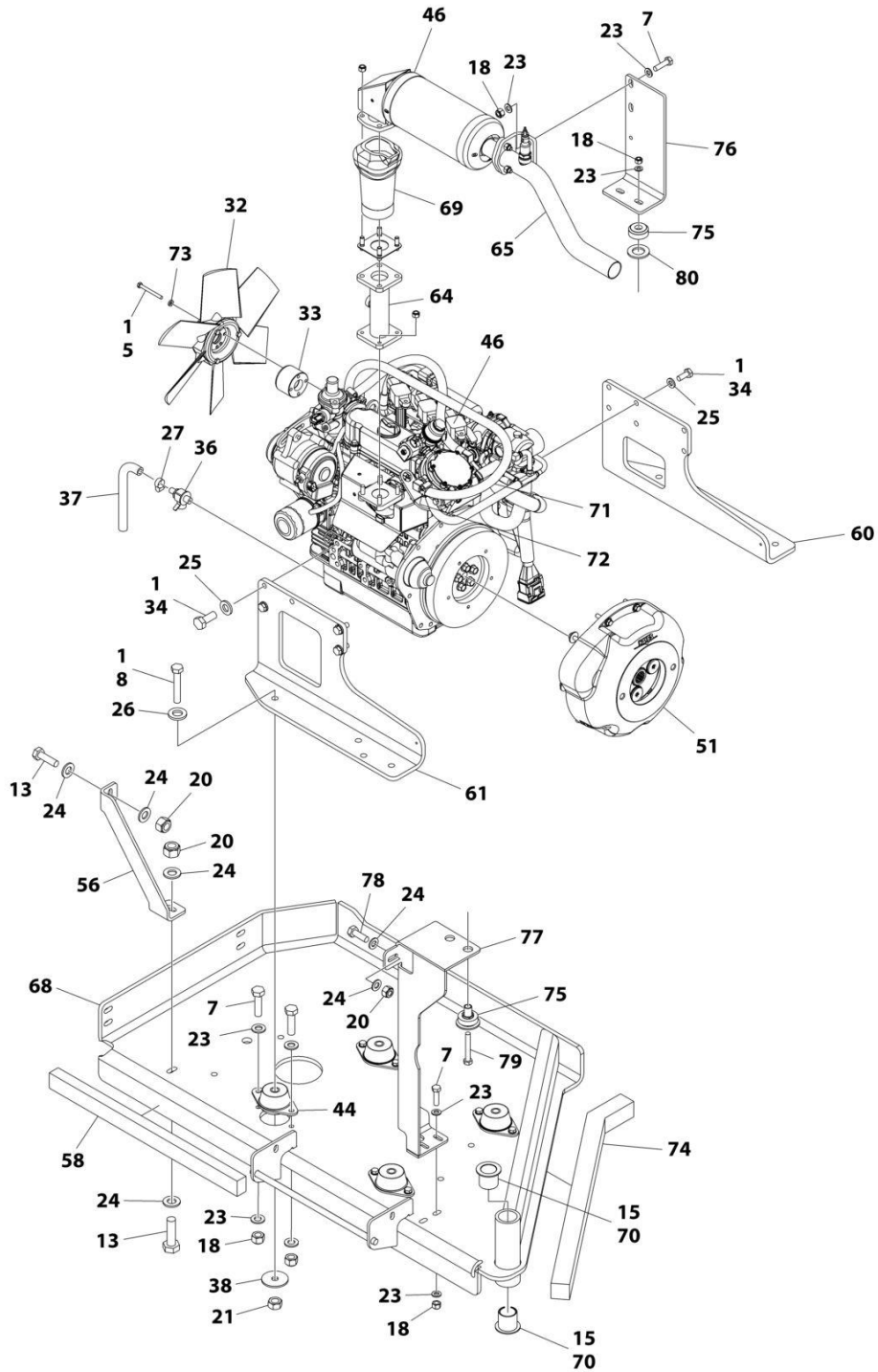
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FIGURE 3-10. ENGINE ASSEMBLY - KUBOTA GASOLINE



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FIGURE 3-10. ENGINE ASSEMBLY - KUBOTA GASOLINE

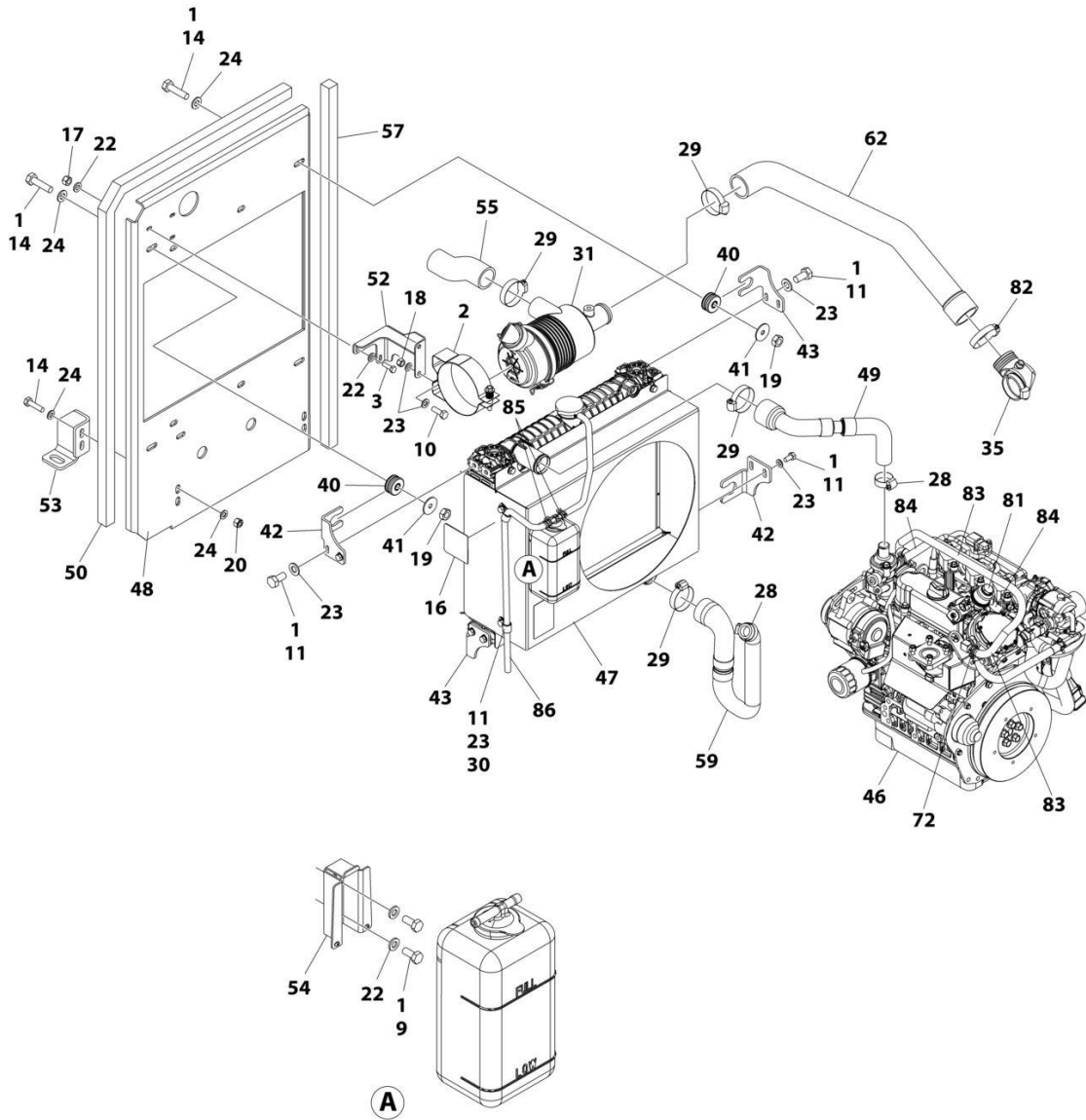
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205973	Ref	ENGINE ASSEMBLY - KUBOTA GASOLINE	H
1	0100011	AR	Compound, Locking	
2	0340045	1	Band, Mounting	
3	0700610	3	Bolt M6 x 20	
5	0700620	4	Bolt M6 x 60	
7	0700814	12	Bolt M8 x 30	
8	0701222	4	Bolt M12 x 70	
9	0760607	2	Bolt M6 x 14	
10	0760810	2	Bolt M8 x 20	
11	0760808	8	Bolt M8 x 16	
13	0761015	4	Bolt M10 x 35	
14	0761016	6	Bolt M10 x 40	
15	0961986	2	Bearing	
16	1703162	2	Decal - Fan Blade	
17	3290605	3	Nut M6	
18	3290805	16	Nut M8	
19	3291001	4	Nut M10	
20	3291005	7	Nut M10	
21	3291201	4	Nut M12	
22	4811700	8	Washer M6	
23	4811900	40	Washer M8	
24	4812000	18	Washer M10	
25	5241000	8	Washer M10	
26	5241200	4	Washer M12	
27	8405009	1	Clamp	
28	8405101	2	Clamp	
29	8405104	5	Clamp	
30	85941016	2	Clamp	
31	1001118280	1	Air Filter Assembly	
31	7015004	2	Element	
31	7015005	1	Cover Assembly	
31	1340069	1	Valve, Vacuator	
32	1001118538	1	Fan	
33	1001118539	1	Spacer, Fan	
34	1001118746	8	Bolt M10 x 25	
35	1001146043	1	Coupling, 90	
36	1001161497	1	Valve, Oil Drain	
37	1001165035	8 in/ 20cm	Hose	
38	1001168018	4	Washer	
40	1001169054	4	Isolator	
41	1001169138	6	Pad	
42	1001169967	2	Bracket	
43	1001170035	2	Bracket	
44	1001187235	4	Mount, Motor	
46	1001224493	1	Engine, Kubota Gasoline (See Separate Breakdown in this Section)	
47	1001220957	1	Radiator & Shroud Assembly	
47	1001198726	1	Radiator	
47	70007502	1	Valve, Drain	
47	1001220959	1	Shroud	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001181658	1	Plate, Radiator	
49	1001181659	1	Hose, Radiator (Upper)	
50	1001227285	1	Seal	
51	1001181829	1	Coupling Kit - Gasoline Engines (See Separate Breakdown in this Section)	
52	1001182980	1	Bracket	
53	1001182981	1	Bracket	
54	1001182982	1	Mount	
55	1001182983	1	Tube, Intake	
56	1001182984	1	Support	
57	1001183420	1	Foam, Baffle	
58	1001183424	1	Foam, Baffle	
59	1001183427	1	Tube, Coolant	
60	1001183428	1	Mount, Engine (RH)	
61	1001215543	1	Mount, Engine (LH)	
62	1001184064	1	Tube, Intake	
64	1001213847	1	Tube, Exhaust	
65	1001186833	1	Tube, Exhaust	
68	1001205968	1	Tray	
69	1001210708	1	Insulate, Exhaust	
70	0100062	AR	Adhesive	
71	1001181625	50 in/ 127cm	Hose	
72	8410013	4	Clamp	
73	5240600	4	Washer M6	
74	1001184066	1	Foam, Baffle	
75	1001125248	2	Mount, Engine	
76	1001226420	1	Support	
77	1001195600	1	Bracket, Muffler	
78	0761014	1	Bolt M10 x 30	
79	0700819	2	Bolt M8 x 55	
80	4812500	2	Washer M20	

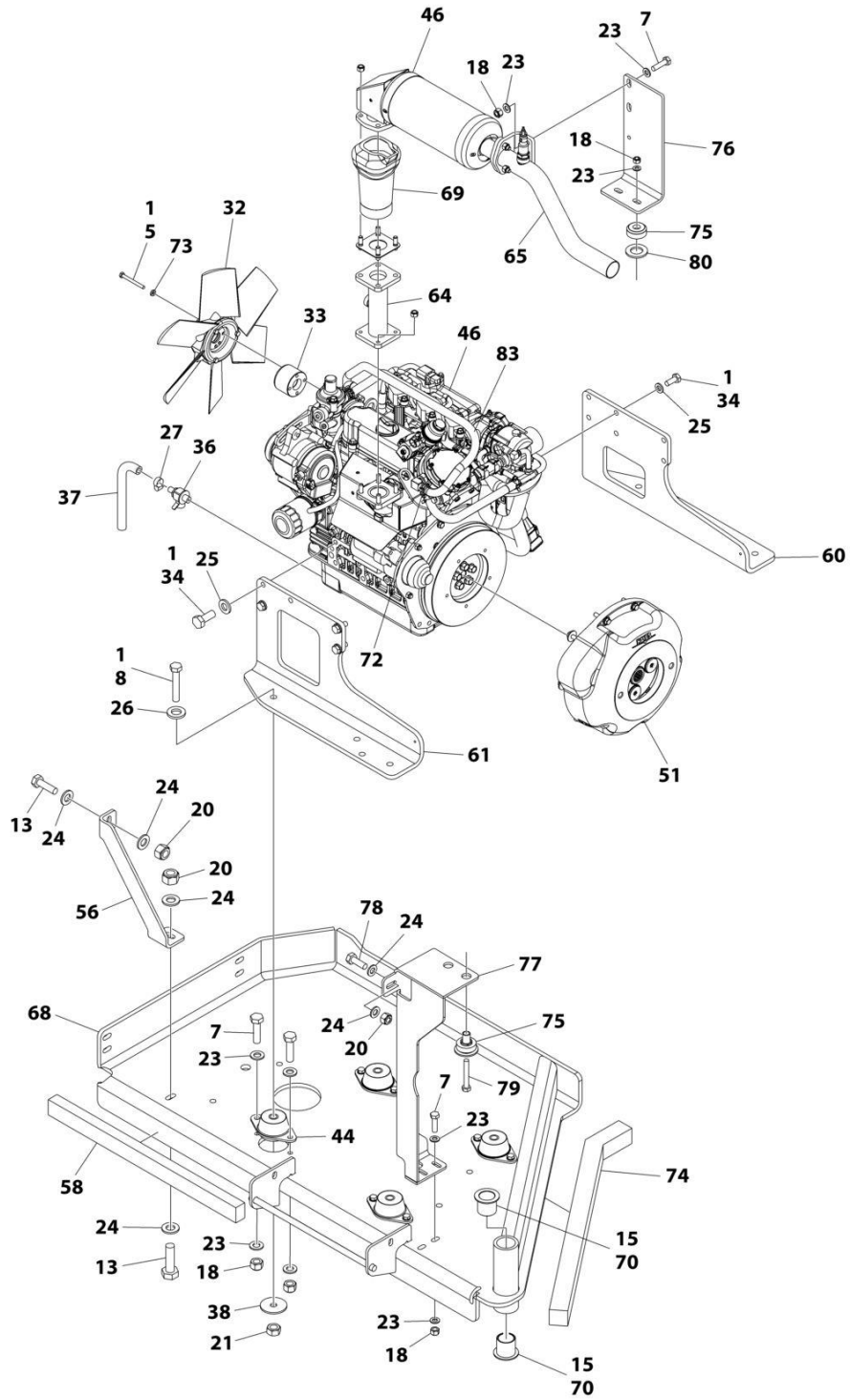
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FIGURE 3-11. ENGINE ASSEMBLY - KUBOTA GASOLINE (SN M200085021 to Present, Excluding M200085327)



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FIGURE 3-11. ENGINE ASSEMBLY - KUBOTA GASOLINE (SN M200085021 to Present, Excluding M200085327)

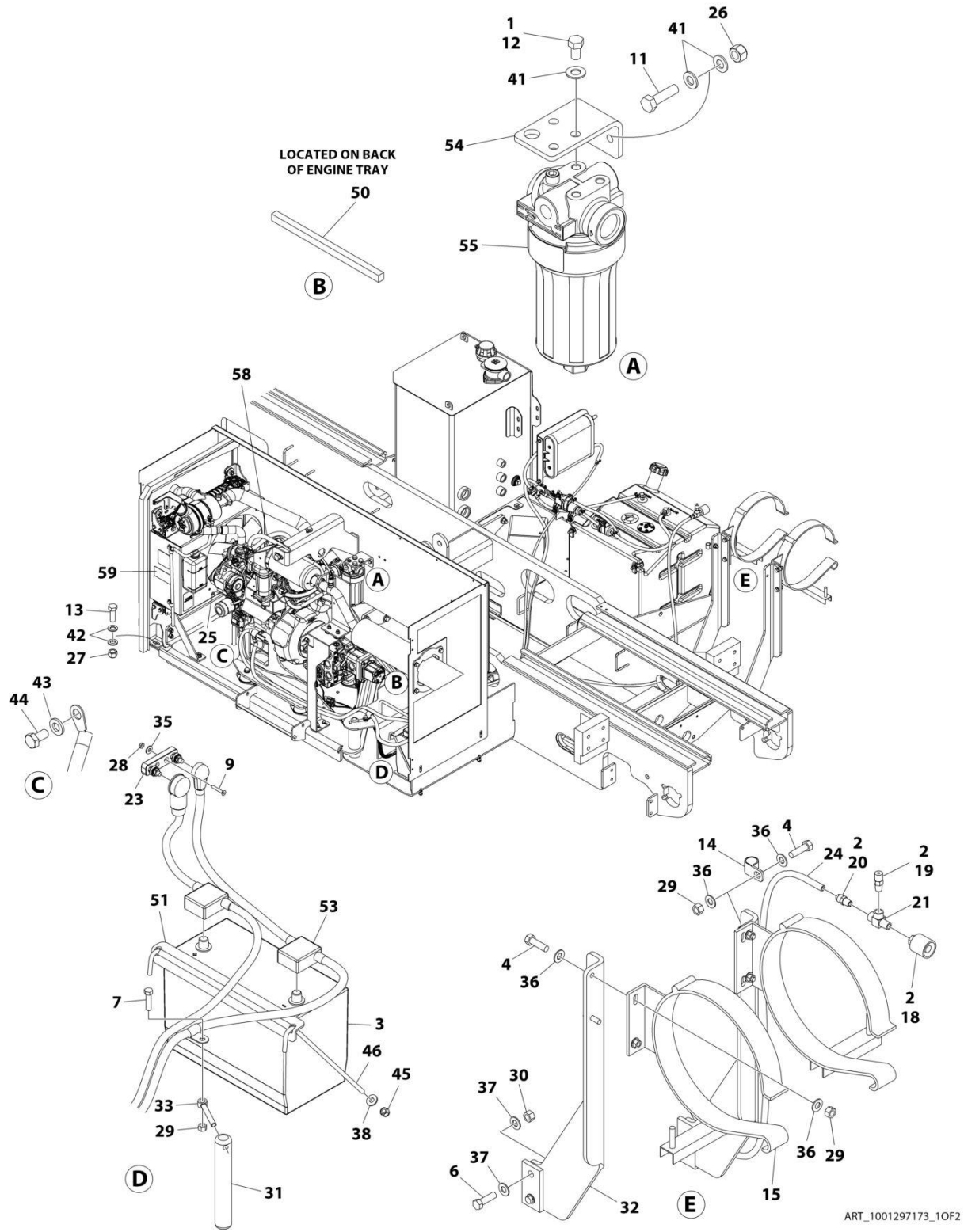
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205973	Ref	ENGINE ASSEMBLY - KUBOTA GASOLINE	I
1	0100011	AR	Compound, Locking	
2	0340045	1	Band, Mounting	
3	0700610	3	Bolt M6 x 20	
5	0700620	4	Bolt M6 x 60	
7	0700814	12	Bolt M8 x 30	
8	0701222	4	Bolt M12 x 70	
9	0760607	2	Bolt M6 x 14	
10	0760810	2	Bolt M8 x 20	
11	0760808	10	Bolt M8 x 16	
13	0761015	4	Bolt M10 x 35	
14	0761016	6	Bolt M10 x 40	
15	0961986	2	Bearing	
16	1703162	2	Decal - Fan Blade	
17	3290605	3	Nut M6	
18	3290805	16	Nut M8	
19	3291001	4	Nut M10	
20	3291005	7	Nut M10	
21	3291201	4	Nut M12	
22	4811700	8	Washer M6	
23	4811900	40	Washer M8	
24	4812000	18	Washer M10	
25	5241000	8	Washer M10	
26	5241200	4	Washer M12	
27	8405009	1	Clamp	
28	8405101	2	Clamp	
29	8405104	4	Clamp	
30	85941016	2	Clamp	
31	1001118280	1	Air Filter Assembly	
31	7015004	2	Element	
31	7015005	1	Cover Assembly	
31	1340069	1	Valve, Vacuator	
32	1001118538	1	Fan	
33	1001118539	1	Spacer, Fan	
34	1001118746	8	Bolt M10 x 25	
35	1001146043	1	Coupling, 90	
36	1001161497	1	Valve, Oil Drain	
37	1001165035	8 in/ 20cm	Hose	
38	1001168018	4	Washer	
40	1001169054	4	Isolator	
41	1001169138	6	Pad	
42	1001169967	2	Bracket	
43	1001170035	2	Bracket	
44	1001187235	4	Mount, Motor	
46	1001288350	1	Engine, Kubota Gasoline (See Separate Breakdown in this Section)	
47	1001220957	1	Radiator & Shroud Assembly	
47	1001198726	1	Radiator	
47	70007502	1	Valve, Drain	

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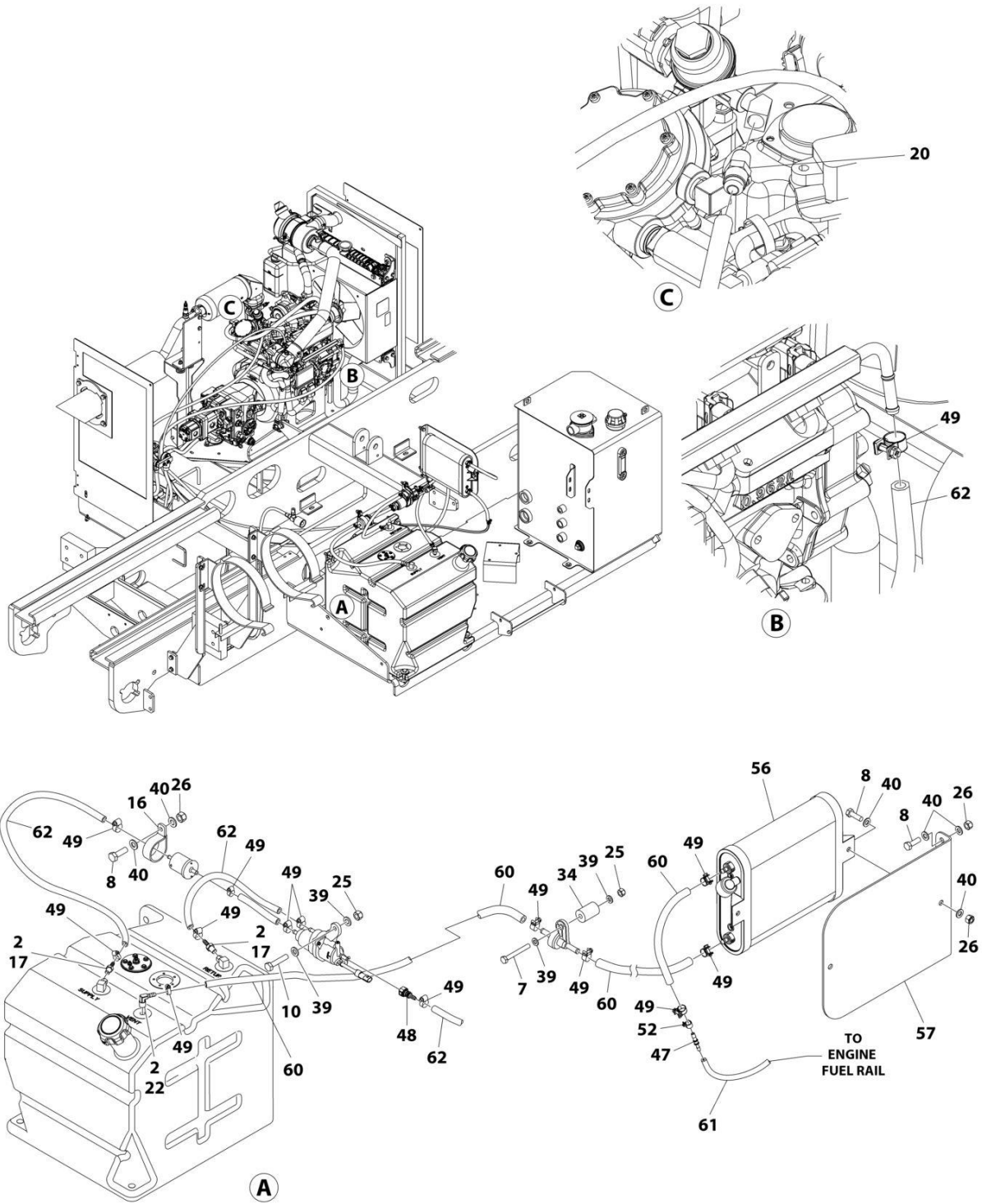
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001220959	1	Shroud	
48	1001181658	1	Plate, Radiator	
49	1001181659	1	Hose, Radiator (Upper)	
50	1001227285	1	Seal	
51	1001181829	1	Coupling Kit - Gasoline Engines (See Separate Breakdown in this Section)	
52	1001182980	1	Bracket	
53	1001182981	1	Bracket	
54	1001182982	1	Mount	
55	1001182983	1	Tube, Intake	
56	1001182984	1	Support	
57	1001183420	1	Foam, Baffle	
58	1001183424	1	Foam, Baffle	
59	1001183427	1	Tube, Coolant	
60	1001183428	1	Mount, Engine (RH)	
61	1001215543	1	Mount, Engine (LH)	
62	1001184064	1	Tube, Intake	
64	1001213847	1	Tube, Exhaust	
65	1001186833	1	Tube, Exhaust	
68	1001205968	1	Tray	
69	1001210708	1	Insulate, Exhaust	
70	0100062	AR	Adhesive	
72	1001152729	4	Clamp	
73	5240600	4	Washer M6	
74	1001184066	1	Foam, Baffle	
75	1001125248	2	Mount, Engine	
76	1001226420	1	Support	
77	1001195600	1	Bracket, Muffler	
78	0761014	1	Bolt M10 x 30	
79	0700819	2	Bolt M8 x 55	
80	4812500	2	Washer M20	
81	1001255529	1	Regulator	
82	8405201	1	Clamp	
83	1001249122	1	Tube	
84	1001249123	1	Tube	
85	1001213010	3	Clamp	
86	1001263476	3 ft / 1 m	Hose	

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FIGURE 3-12. ENGINE INSTALLATION - KUBOTA GASOLINE WITH GENERATOR



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ART_1001297173_2OF2

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FIGURE 3-12. ENGINE INSTALLATION - KUBOTA GASOLINE WITH GENERATOR

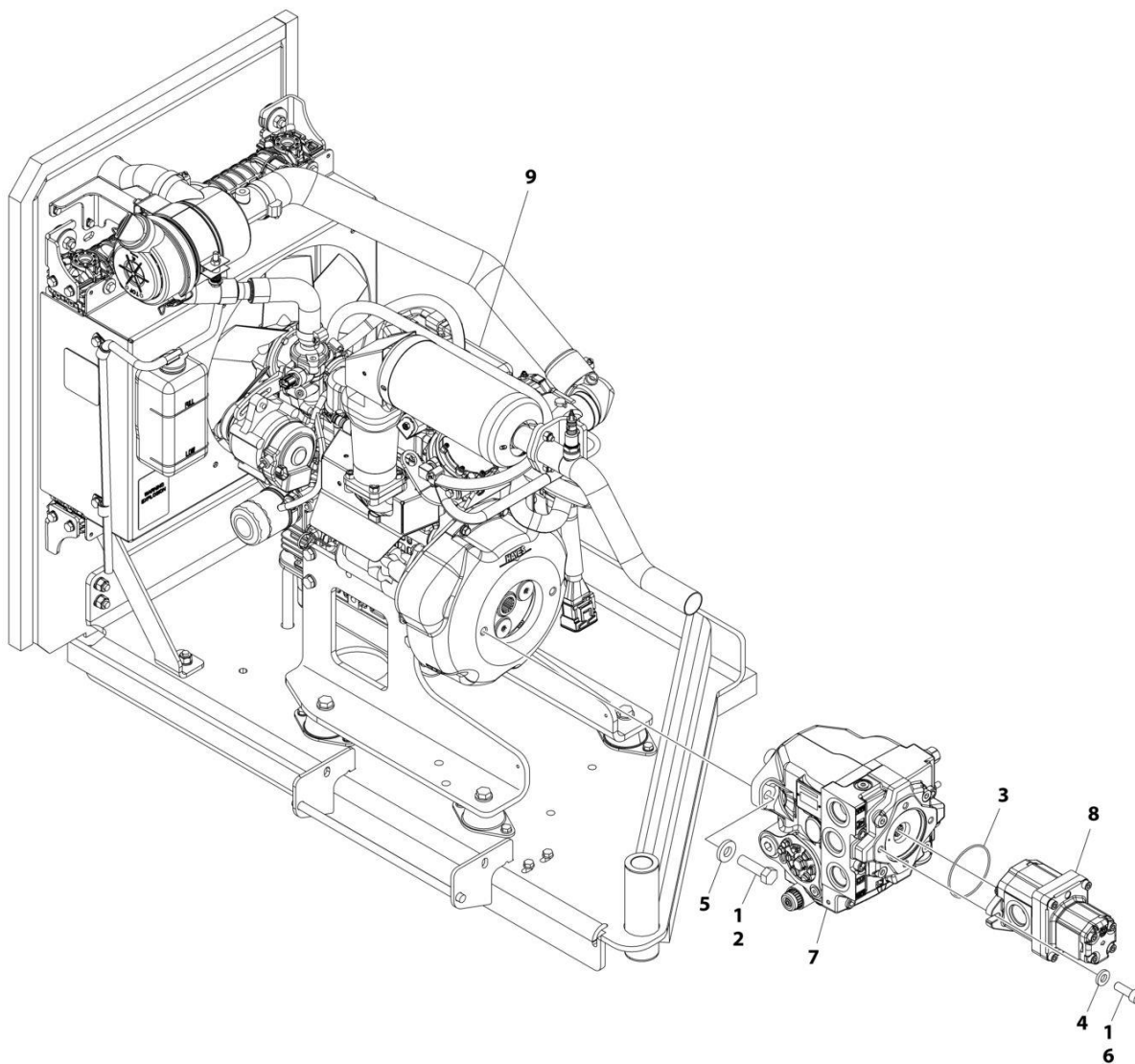
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297173	Ref	ENGINE INSTALLATION - KUBOTA GASOLINE WITH GENERATOR	C
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant	
3	0400075	1	Battery	
4	0641610	5	Bolt 3/8 x 1-1/4	
5	0641612	1	Bolt 3/8 x 1-1/2	
6	0641812	4	Bolt 1/2 x 1-1/2	
7	0700618	1	Bolt M6 x 50	
8	0700812	5	Bolt M8 x 25	
9	0741010	2	Screw #10 x 1-1/4	
10	0760614	3	Bolt M6 x 30	
11	0760814	2	Bolt M8 x 30	
12	0761010	3	Bolt M10 x 20	
13	0761617	1	Bolt M16 x 45	
14	1320061	1	Clamp	
15	1320220	1	LP Clamp Kit	
16	1320265	1	Clamp	
17	2180348	2	Fitting, Straight NPT x Barbed	
18	2180387	1	Fitting, Tank Connector	
19	2180389	1	Fitting, Relief Valve	
20	2180418	2	Fitting, Straight	
21	2220290	1	Fitting, Tee	
22	2221176	1	Fitting, 90 NPT x Barbed	
23	2400044	1	Block, Fuse Mounting	
24	2720611	1	Hose	
25	3290605	5	Nut M6	
26	3290805	7	Nut M8	
27	3291605	1	Nut M16	
28	3300408	2	Nut	
29	3311605	6	Nut 3/8	
30	3311801	4	Nut 1/2	
31	3422669	1	Pin	
32	3573440	2	Plate, LP Tank Mount	
33	3841143	1	Keeper, Pin	
34	3860111	1	Roller	
35	4711400	2	Washer 1/4	
36	4711600	10	Washer 3/8	
37	4711800	8	Washer 1/2	
38	4751500	2	Washer 5/16	
39	4811700	8	Washer M6	
40	4811900	14	Washer M8	
41	4812000	3	Washer M10	
42	4812300	2	Washer M16	
43	5241000	1	Washer M10	
44	8303511	1	Capscrew M10 x 20	
45	88521205	2	Nut 5/16	
46	1001093382	2	J-Bolt	
47	1001131391	1	Fitting, Coupling	
48	1001174093	1	Coupling, Quick Connect	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49	1001174486	14	Clamp	
50	1001183421	1	Foam, Baffle	
51	1001184065	1	Bracket, Hold Down	
52	1001185585	2	Clamp	
53	1001186428	1	Battery Cable Kit (See Separate Breakdown in ELECTRICAL Section)	
54	1001194836	1	Bracket	
55	1001208874	1	Filter, Charge Pump	
56	1001225420	1	Filter, Carbon Canister	
57	1001225421	1	Bracket	
58	1001225627	1	Engine and Pump Sub-Assembly - Kubota Gasoline with Generator (See Separate Breakdown in this Section)	
59	1001299769	1	Decal - EPA Evaporation 2022 Standards	
60	1001129255	5 ft/2 m	Hose	
61	1001129256	10 ft/3 m	Hose	
62	1001300357	14 ft/4 m	Hose	

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FIGURE 3-13. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR



ART_1001225627

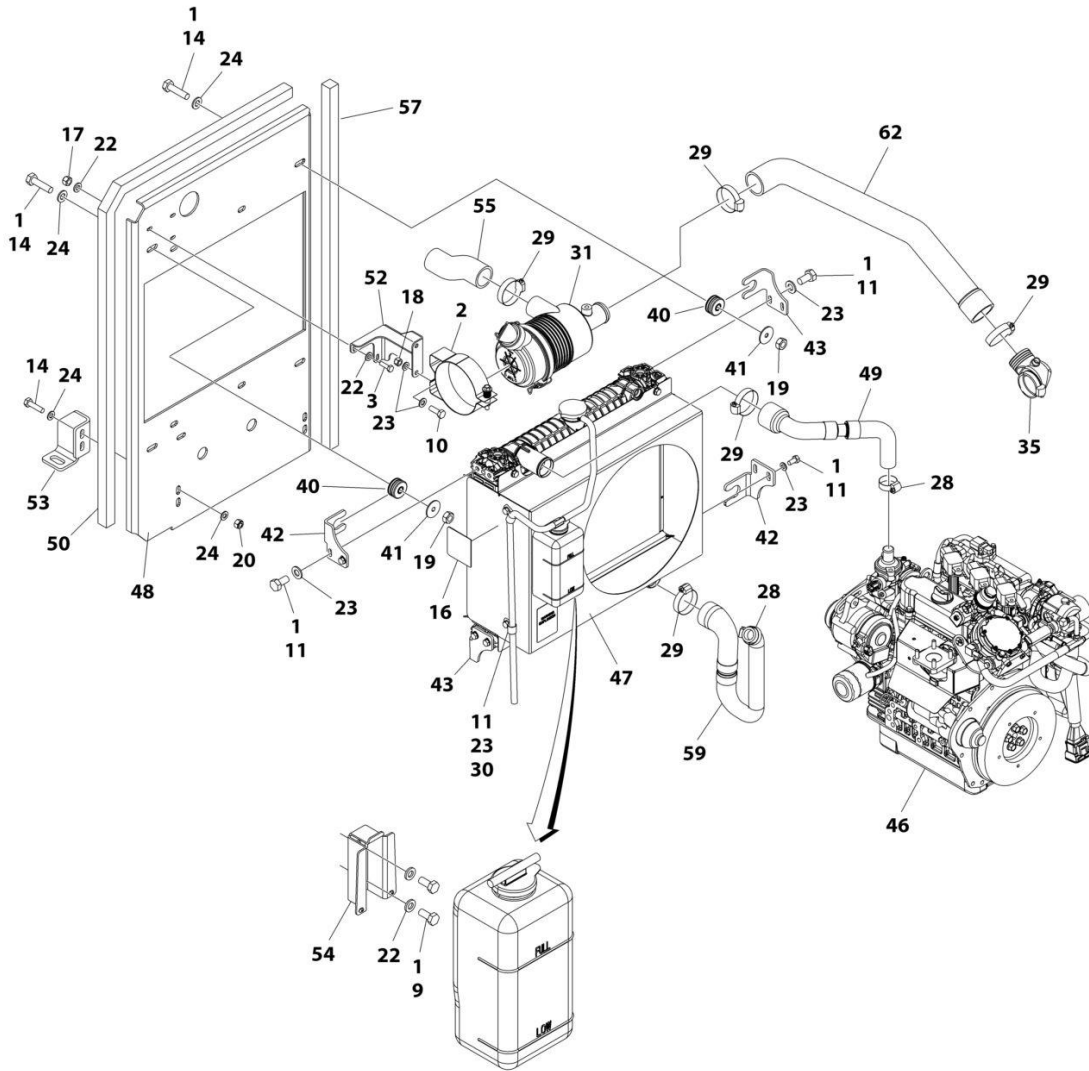
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FIGURE 3-13. ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225627	Ref	ENGINE AND PUMP SUB-ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR	C
1	0100011	AR	Compound, Locking	
2	0641814	2	Bolt 1/2 x 1-3/4	
3	3790152	1	O-Ring	
4	4711600	2	Washer 3/8	
5	4891800	2	Washer 1/2	
6	83191040	2	Capscrew M10 x 30	
7	1001101331	1	Piston Pump Assembly (See Separate Breakdown in this Section)	
8	1001217291	1	Gear Pump Assembly	
8	70002861	1	Seal Kit - 1001217291 Pump (Note: Seal Kit is only service component available)	
9	1001225628	1	Engine Assembly - Kubota Gasoline with Generator (See Separate Breakdown in this Section)	

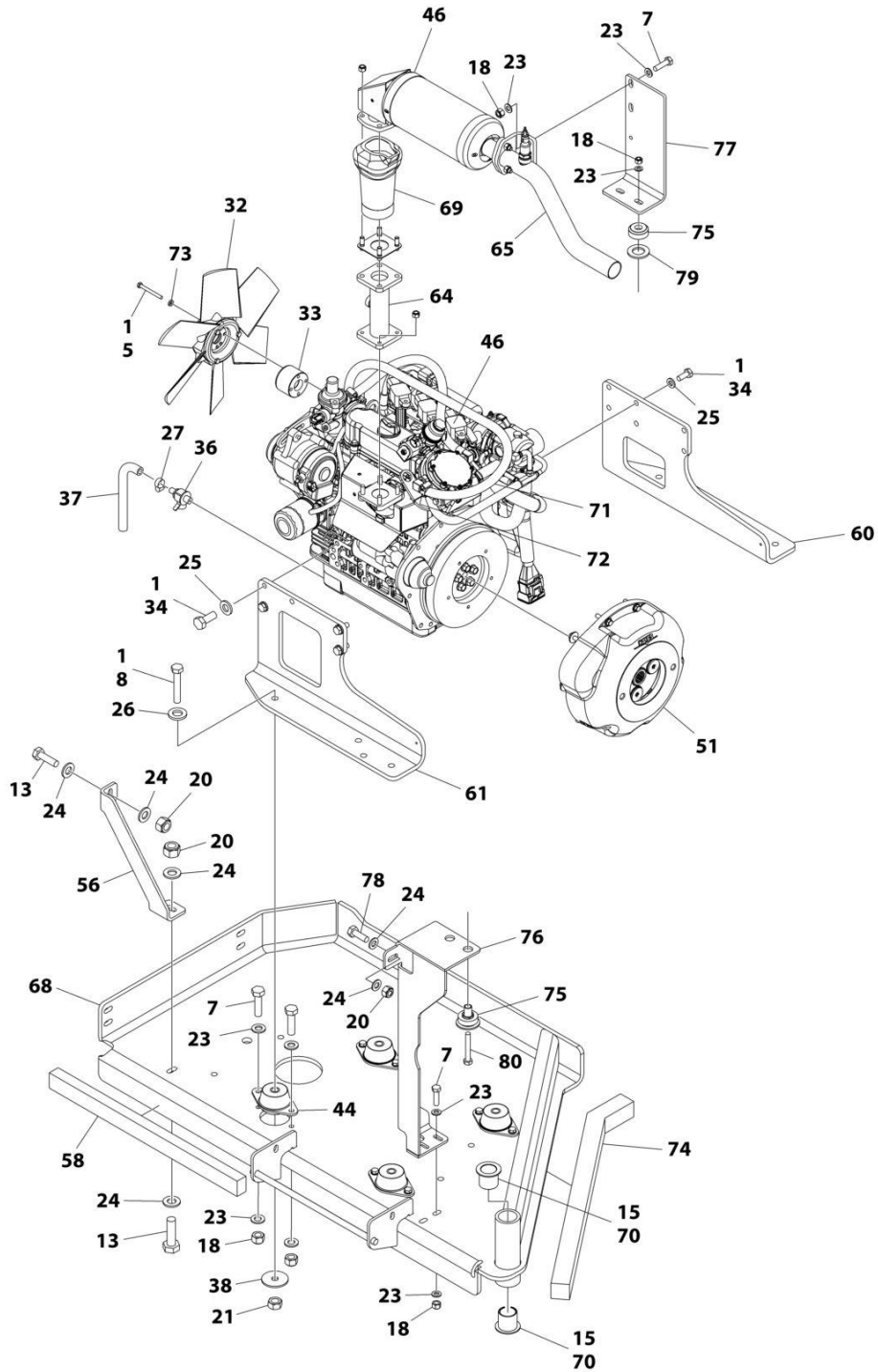
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FIGURE 3-14. ENGINE ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR



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ART_1001225628_2OF2

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FIGURE 3-14. ENGINE ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR

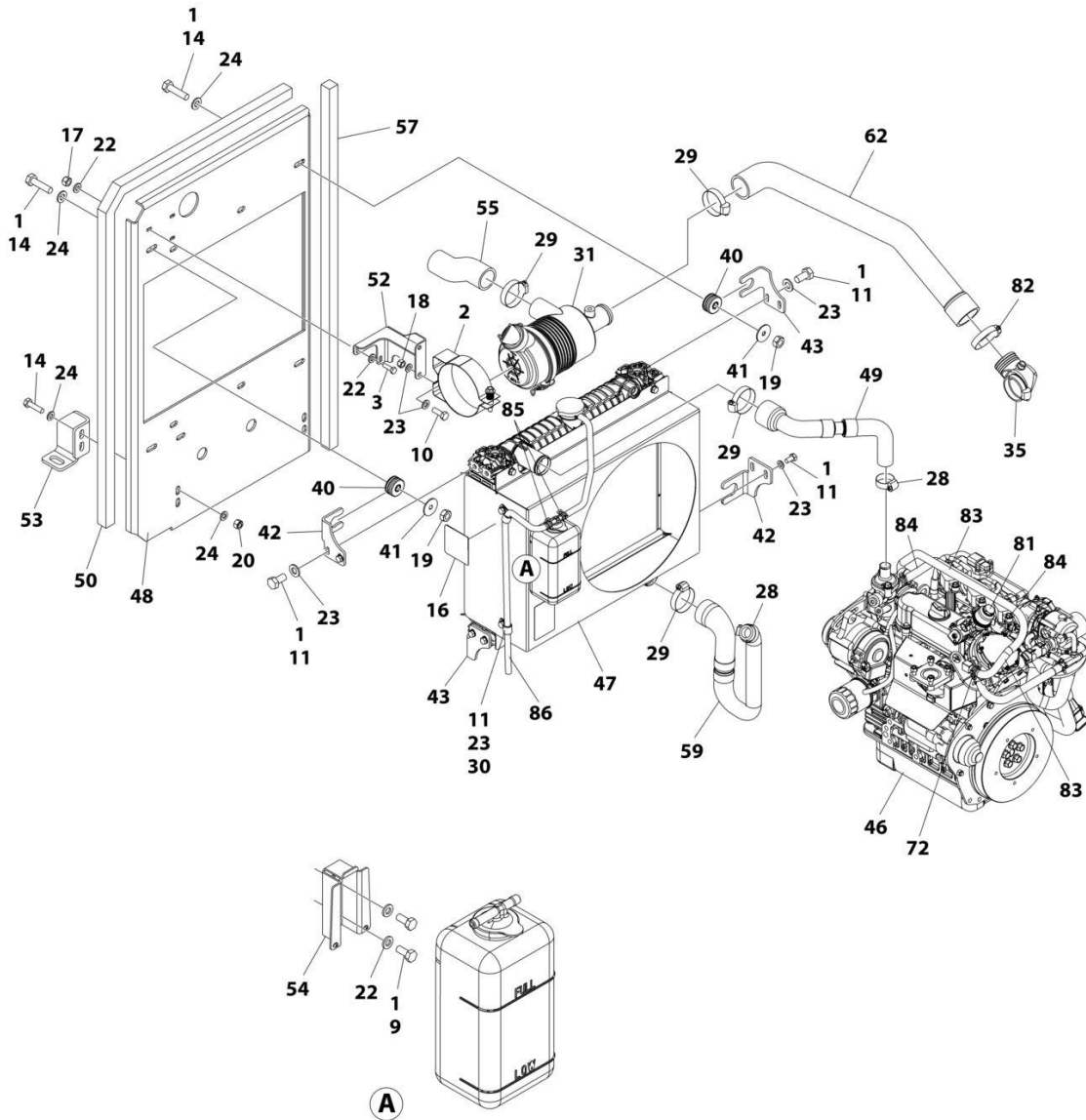
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225628	Ref	ENGINE ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR	D
1	0100011	AR	Compound, Locking	
2	0340045	1	Band, Mounting	
3	0700610	3	Bolt M6 x 20	
5	0700620	4	Bolt M6 x 60	
7	0700814	12	Bolt M8 x 30	
8	0701222	4	Bolt M12 x 70	
9	0760607	2	Bolt M6 x 14	
10	0760810	2	Bolt M8 x 20	
11	0760808	10	Bolt M8 x 16	
13	0761015	4	Bolt M10 x 35	
14	0761016	6	Bolt M10 x 40	
15	0961986	2	Bearing	
16	1703162	2	Decal - Fan Blade	
17	3290605	3	Nut M6	
18	3290805	16	Nut M8	
19	3291001	4	Nut M10	
20	3291005	7	Nut M10	
21	3291201	4	Nut M12	
22	4811700	8	Washer M6	
23	4811900	40	Washer M8	
24	4812000	18	Washer M10	
25	5241000	8	Washer M10	
26	5241200	4	Washer M12	
27	8405009	1	Clamp	
28	8405101	2	Clamp	
29	8405104	5	Clamp	
30	85941016	2	Clamp	
31	1001118280	1	Air Filter Assembly	
31	7015004	2	Element	
31	7015005	1	Cover Assembly	
31	1340069	1	Valve, Vacuator	
32	1001118538	1	Fan	
33	1001118539	1	Spacer, Fan	
34	1001118746	8	Bolt M10 x 25	
35	1001146043	1	Coupling, 90	
36	1001161497	1	Valve, Oil Drain	
37	1001165035	8 in/ 20cm	Hose	
38	1001168018	4	Washer	
40	1001169054	4	Isolator	
41	1001169138	AR	Pad	
42	1001169967	2	Bracket	
43	1001170035	2	Bracket	
44	1001175509	4	Mount, Motor	
46	1001224493	1	Engine, Kubota Gasoline with Generator (See Separate Breakdown in this Section)	
47	1001220957	1	Radiator & Shroud Assembly	
47	1001198726	1	Radiator	
47	70007502	1	Valve, Drain	
47	1001220959	1	Shroud	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
48	1001181658	1	Plate, Radiator	
49	1001181659	1	Hose, Radiator (Upper)	
50	1001227285	1	Seal	
51	1001181829	1	Coupling Kit - Gasoline Engines (See Separate Breakdown in this Section)	
52	1001182980	1	Bracket	
53	1001182981	1	Bracket	
54	1001182982	1	Mount	
55	1001182983	1	Tube, Intake	
56	1001182984	1	Support	
57	1001183420	1	Foam, Baffle	
58	1001183424	1	Foam, Baffle	
59	1001183427	1	Tube, Coolant	
60	1001183428	1	Mount, Engine (RH)	
61	1001215543	1	Mount, Engine (LH)	
62	1001184064	1	Tube, Intake	
64	1001213847	1	Tube, Exhaust	
65	1001186833	1	Tube, Exhaust	
68	1001205968	1	Tray	
69	1001210708	1	Insulate, Exhaust	
70	0100062	AR	Adhesive	
71	1001181625	50 in/ 127cm	Hose	
72	8410013	4	Clamp	
73	5240600	4	Washer M6	
74	1001184066	1	Foam, Baffle	
75	1001125248	2	Mount, Engine	
76	1001195600	1	Bracket, Muffler	
77	1001226420	1	Support	
78	0761014	1	Bolt M10 x 30	
79	4812500	2	Washer M20	
80	0700819	2	Bolt M8 x 55	

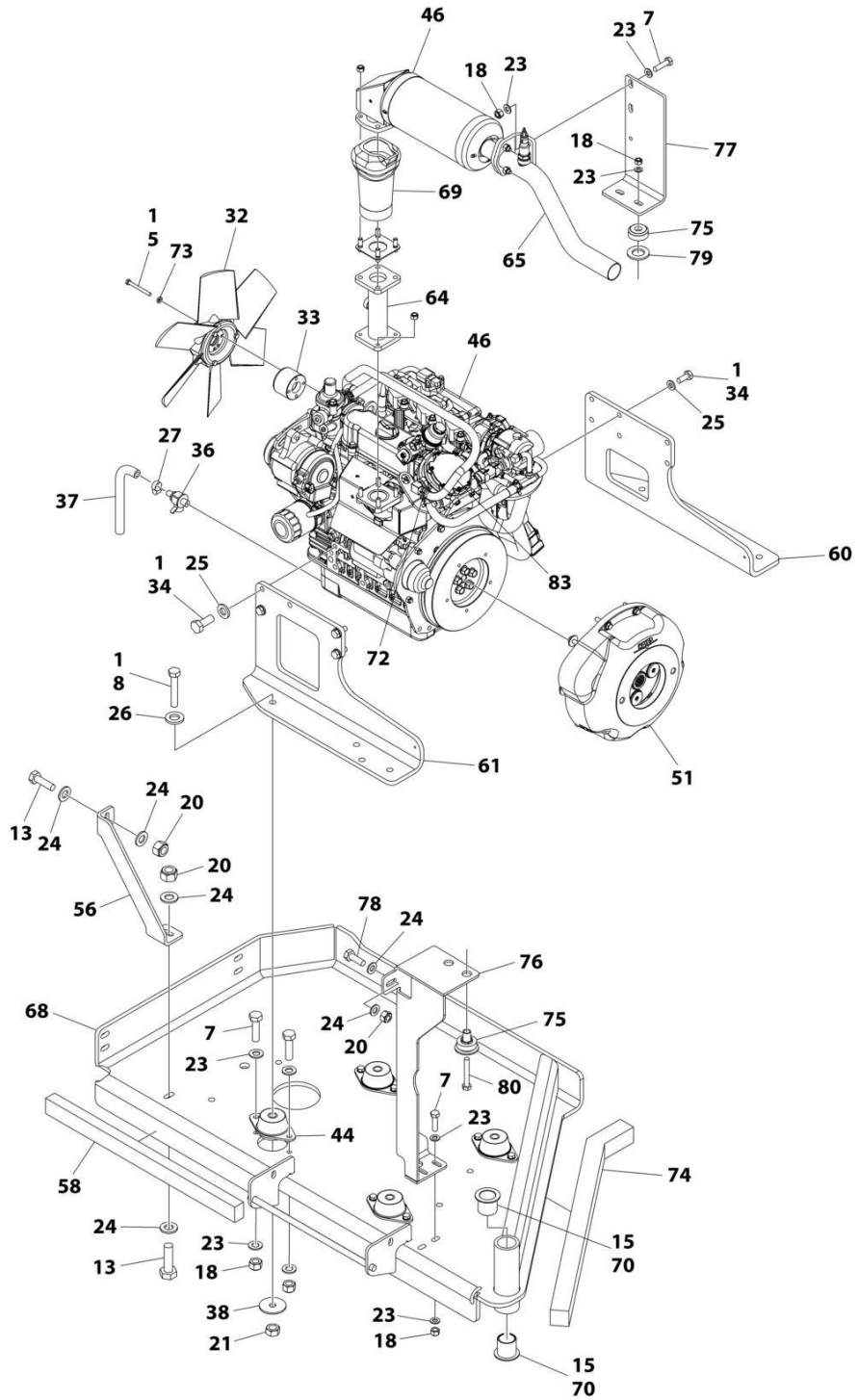
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FIGURE 3-15. ENGINE ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR (SN M200085021 to Present, Excluding M200085327)



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FIGURE 3-15. ENGINE ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR (SN M200085021 to Present, Excluding M200085327)

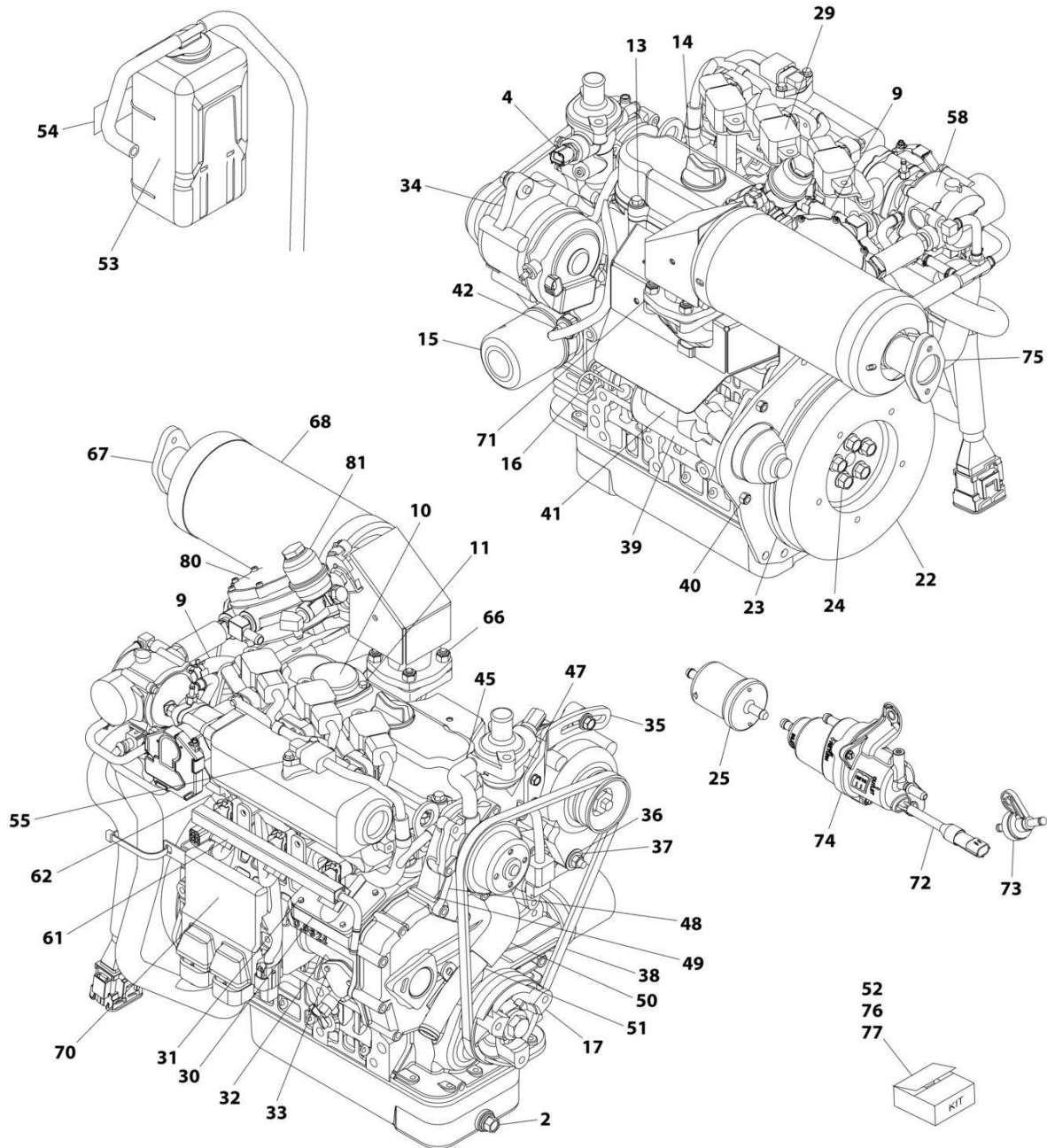
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001225628	Ref	ENGINE ASSEMBLY - KUBOTA GASOLINE WITH GENERATOR	E
1	0100011	AR	Compound, Locking	
2	0340045	1	Band, Mounting	
3	0700610	3	Bolt M6 x 20	
5	0700620	4	Bolt M6 x 60	
7	0700814	12	Bolt M8 x 30	
8	0701222	4	Bolt M12 x 70	
9	0760607	2	Bolt M6 x 14	
10	0760810	2	Bolt M8 x 20	
11	0760808	10	Bolt M8 x 16	
13	0761015	4	Bolt M10 x 35	
14	0761016	6	Bolt M10 x 40	
15	0961986	2	Bearing	
16	1703162	2	Decal - Fan Blade	
17	3290605	3	Nut M6	
18	3290805	16	Nut M8	
19	3291001	4	Nut M10	
20	3291005	7	Nut M10	
21	3291201	4	Nut M12	
22	4811700	8	Washer M6	
23	4811900	40	Washer M8	
24	4812000	18	Washer M10	
25	5241000	8	Washer M10	
26	5241200	4	Washer M12	
27	8405009	1	Clamp	
28	8405101	2	Clamp	
29	8405104	4	Clamp	
30	85941016	2	Clamp	
31	1001118280	1	Air Filter Assembly	
31	7015004	2	Element	
31	7015005	1	Cover Assembly	
31	1340069	1	Valve, Vacuator	
32	1001118538	1	Fan	
33	1001118539	1	Spacer, Fan	
34	1001118746	8	Bolt M10 x 25	
35	1001146043	1	Coupling, 90	
36	1001161497	1	Valve, Oil Drain	
37	1001165035	8 in/ 20cm	Hose	
38	1001168018	4	Washer	
40	1001169054	4	Isolator	
41	1001169138	AR	Pad	
42	1001169967	2	Bracket	
43	1001170035	2	Bracket	
44	1001175509	4	Mount, Motor	
46	1001288350	1	Engine, Kubota Gasoline with Generator (See Separate Breakdown in this Section)	
47	1001220957	1	Radiator & Shroud Assembly	
47	1001198726	1	Radiator	
47	70007502	1	Valve, Drain	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
47	1001220959	1	Shroud	
48	1001181658	1	Plate, Radiator	
49	1001181659	1	Hose, Radiator (Upper)	
50	1001227285	1	Seal	
51	1001181829	1	Coupling Kit - Gasoline Engines (See Separate Breakdown in this Section)	
52	1001182980	1	Bracket	
53	1001182981	1	Bracket	
54	1001182982	1	Mount	
55	1001182983	1	Tube, Intake	
56	1001182984	1	Support	
57	1001183420	1	Foam, Baffle	
58	1001183424	1	Foam, Baffle	
59	1001183427	1	Tube, Coolant	
60	1001183428	1	Mount, Engine (RH)	
61	1001215543	1	Mount, Engine (LH)	
62	1001184064	1	Tube, Intake	
64	1001213847	1	Tube, Exhaust	
65	1001186833	1	Tube, Exhaust	
68	1001205968	1	Tray	
69	1001210708	1	Insulate, Exhaust	
70	0100062	AR	Adhesive	
72	1001152729	4	Clamp	
73	5240600	4	Washer M6	
74	1001184066	1	Foam, Baffle	
75	1001125248	2	Mount, Engine	
76	1001195600	1	Bracket, Muffler	
77	1001226420	1	Support	
78	0761014	1	Bolt M10 x 30	
79	4812500	2	Washer M20	
80	0700819	2	Bolt M8 x 55	
81	1001255529	1	Regulator	
82	8405201	1	Clamp	
83	1001249122	1	Tube	
84	1001249123	1	Tube	
85	1001213010	3	Clamp	
86	1001263476	3 ft / 1 m	Hose	

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FIGURE 3-16. ENGINE COMPONENTS - KUBOTA GASOLINE



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FIGURE 3-16. ENGINE COMPONENTS - KUBOTA GASOLINE

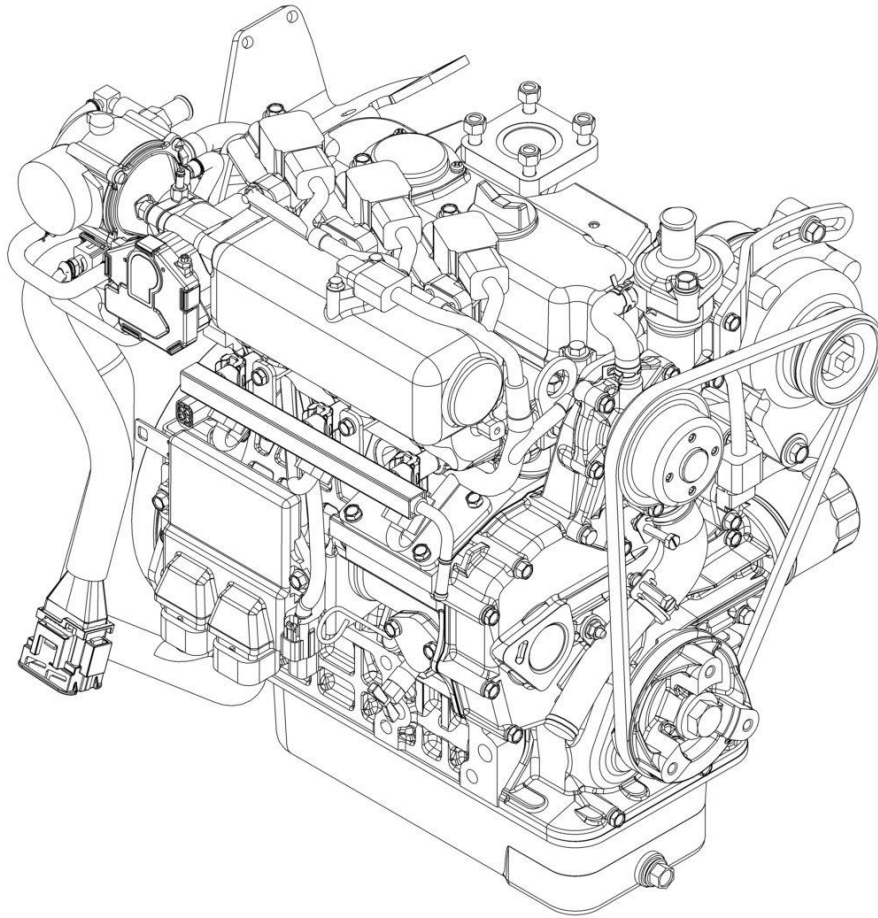
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001224493	Ref	ENGINE COMPONENTS - KUBOTA GASOLINE	C
1	70004524	1	Drain (Not Shown)	
2	70004525	1	Plug, Drain	
2	70004526	1	Gasket	
3	7017906	2	Bolt (Not Shown)	
4	70005726	1	Sensor, Water Temperature	
4	70005727	1	Gasket	
5	70005728	1	Gasket, Head (Not Shown)	
6	7017914	1	Joint, Pipe (Not Shown)	
7	70005729	1	Seal, Oil (Not Shown)	
8	70005730	1	Sensor, Revolution (Not Shown)	
9	7017959	2	Band, Pipe	
10	70005731	1	O-Ring, Breather	
10	70005732	1	Cover, Breather	
11	7017934	4	Screw	
12	70005733	1	Gasket, Head Cover (Not Shown)	
13	70004831	4	Bolt	
14	70002318	1	Plug, Oil Filler	
14	70004311	1	O-Ring	
15	7017980	1	Filter, Oil	
16	70005734	1	Gauge, Oil	
17	70004294	1	Pump, Oil	
17	70004295	1	Gasket, Oil	
18	70004296	1	Key, Feather (Not Shown)	
19	7017982	1	Gasket, Bearing Case (Not Shown)	
20	7017983	1	Seal, Oil (Not Shown)	
21	7017984	1	Gasket, Case Cover (Not Shown)	
22	70005735	1	Gear, Ring	
23	70005736	1	Rotor	
24	70004834	5	Bolt	
25	7017992	1	Fuel, Filter	
26	70005737	1	Sensor, Stick (Not Shown)	
27	70005738	1	Holder, Sensor (Not Shown)	
28	70005739	3	Spark Plug (Not Shown)	
29	70005740	3	Coil, Ignition	
30	7017986	1	Gasket	
31	70004538	2	Packing	
32	7017995	1	Gasket, Fuel Pump	
33	70004848	2	Bolt	
34	70006661	1	Alternator - 60Amp	
35	70006662	1	Bracket, Adjustment	
36	70004557	1	Washer	
37	70004558	1	Washer, Spring Lock	
38	7023107	1	V-Belt	
39	70005743	1	Starter	
40	70005329	5	Nut	
41	70005744	1	Magnetic, Switch	
42	70005745	1	Switch, Oil Pressure	
43	70004829	1	Pipe, Water Return (Not Shown)	
44	70004306	1	Gasket, Water Flange (Not Shown)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	70004851	1	Pipe, Water Return	
46	7023170	1	Thermostat (Not Shown)	
47	70002326	1	Gasket, Thermostat	
48	70004853	1	Pump, Water	
49	70004854	1	Gasket, Water Pump	
50	70004912	1	Hose, Water	
51	70004913	2	Band, Pipe	
52	70005229	1	Coolant Tank Kit	
53	4400498	1	Tank, Coolant	
54	70004401	1	Decal - Instruction	
55	70005746	1	Sensor (TMAP)	
56	70005747	1	O-Ring (Not Shown)	
57	7017994	2	Gasket, Air Cleaner (Not Shown)	
58	70005748	1	Mixer	
59	70004537	1	Screw, Air Bleeder (Not Shown)	
60	70005749	1	Gasket, In-Manifold (Not Shown)	
61	70005750	1	Rail, Fuel Ignition	
62	70005751	3	Injector	
63	70005752	1	Gasket, Exhaust Manifold (Not Shown)	
64	70005753	3	Bolt, Stud (Not Shown)	
65	70005327	6	Nut (Not Shown)	
66	70005754	4	Bolt, Stud	
67	70005755	1	Muffler	
68	70005756	1	Cover, Muffler	
69	70005757	1	Harness, Wire (ECU) (Not Shown)	
70	70005758	1	Module, Engine Control (ECU)	
71	70005759	2	Gasket, Muffler	
72	70005760	2	Sensor, O2	
73	70005762	1	Valve, 2 Way	
74	70005761	1	Pump, Fuel	
75	70005763	1	Gasket, Muffler	
76	70005764	1	Upper Gasket Kit	
77	70005765	1	Lower Gasket Kit	
78	70005766	1	Cable Assembly (ECOM) (Not Shown)	
79	70005767	1	Adapter (ECOM) (Not Shown)	
80	70005768	1	Regulator	
81	70005769	1	Valve, Lockoff	

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FIGURE 3-17. ENGINE COMPONENTS - KUBOTA GASOLINE (SN M200085021 to Present, Excluding M200085327)



ART_1001288350

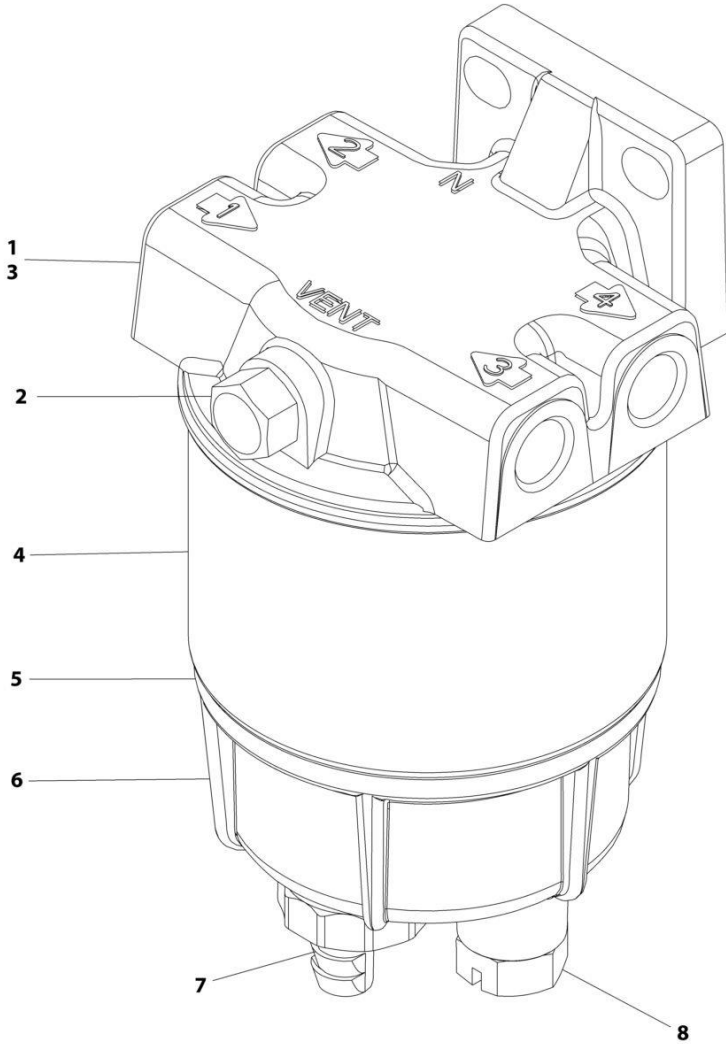
SECTION 3 - ENGINE

FIGURE 3-17. ENGINE COMPONENTS - KUBOTA GASOLINE (SN M200085021 to Present, Excluding M200085327)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001288350 See Note	Ref NSS	ENGINE COMPONENTS - KUBOTA GASOLINE Note: No Service Parts Available at Time of Printing	A

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FIGURE 3-18. FUEL/WATER SEPARATOR ASSEMBLY - DIESEL ENGINES



ART_1001190609

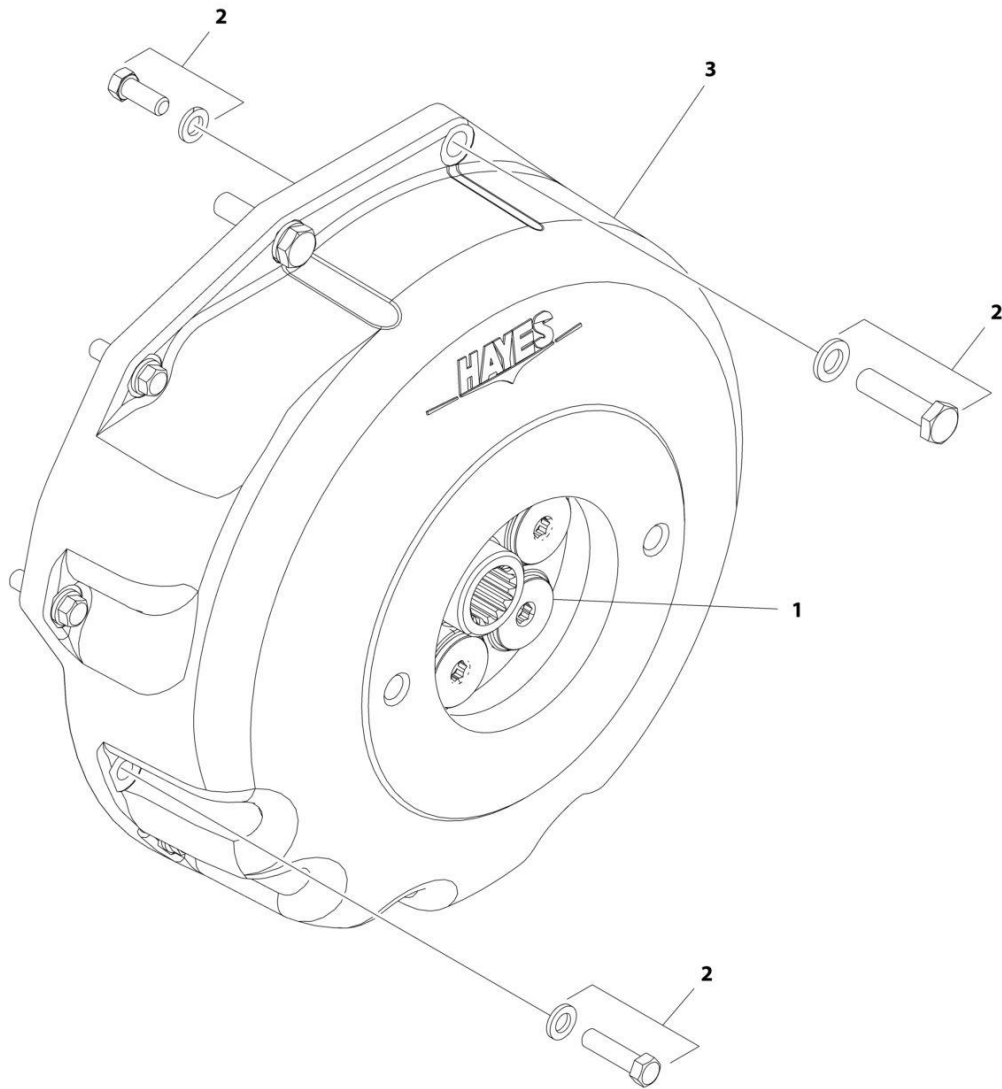
SECTION 3 - ENGINE

FIGURE 3-18. FUEL/WATER SEPARATOR ASSEMBLY - DIESEL ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190609	Ref	FUEL/WATER SEPARATOR ASSEMBLY - DIESEL ENGINES	B
1	70005293	1	Head, Mounting	
2	70005294	1	Plug	
3	70005295	1	Gasket, Head	
4	70005296	1	Element	
5	70005297	1	O-Ring	
6	70002901	1	Bowl	
7	70004070	1	Drain, Self Venting	
8	70004069	1	Plug	

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FIGURE 3-19. COUPLING KIT - DIESEL ENGINES



ART_1001118675

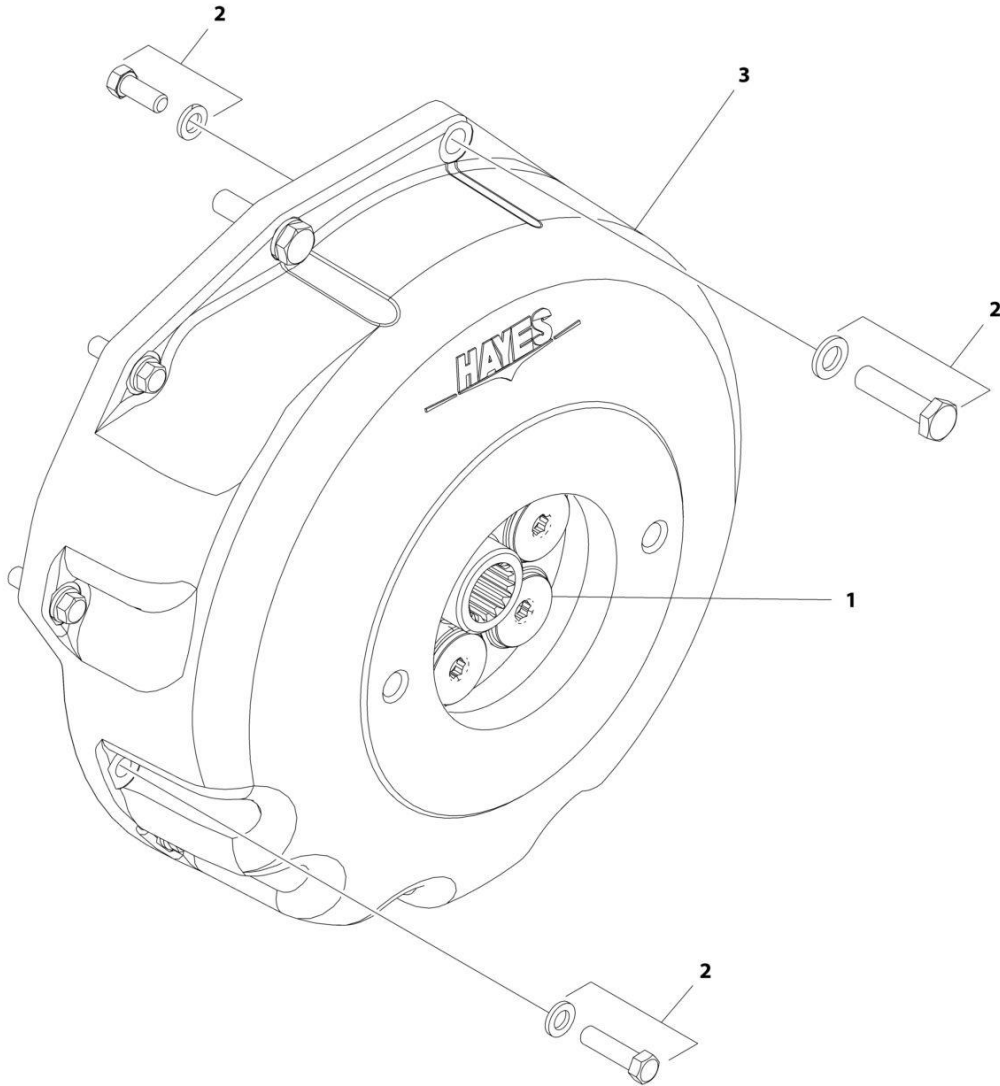
SECTION 3 - ENGINE

FIGURE 3-19. COUPLING KIT - DIESEL ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001118675	Ref	COUPLING KIT - DIESEL ENGINES	A
1	70001933	1	Coupling Assembly	
2	70005453	1	Bolt Kit	
3	See Note	NSS	Housing (Note: Use p/n 1001118675)	

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FIGURE 3-20. COUPLING KIT - GASOLINE ENGINES



ART_1001181829

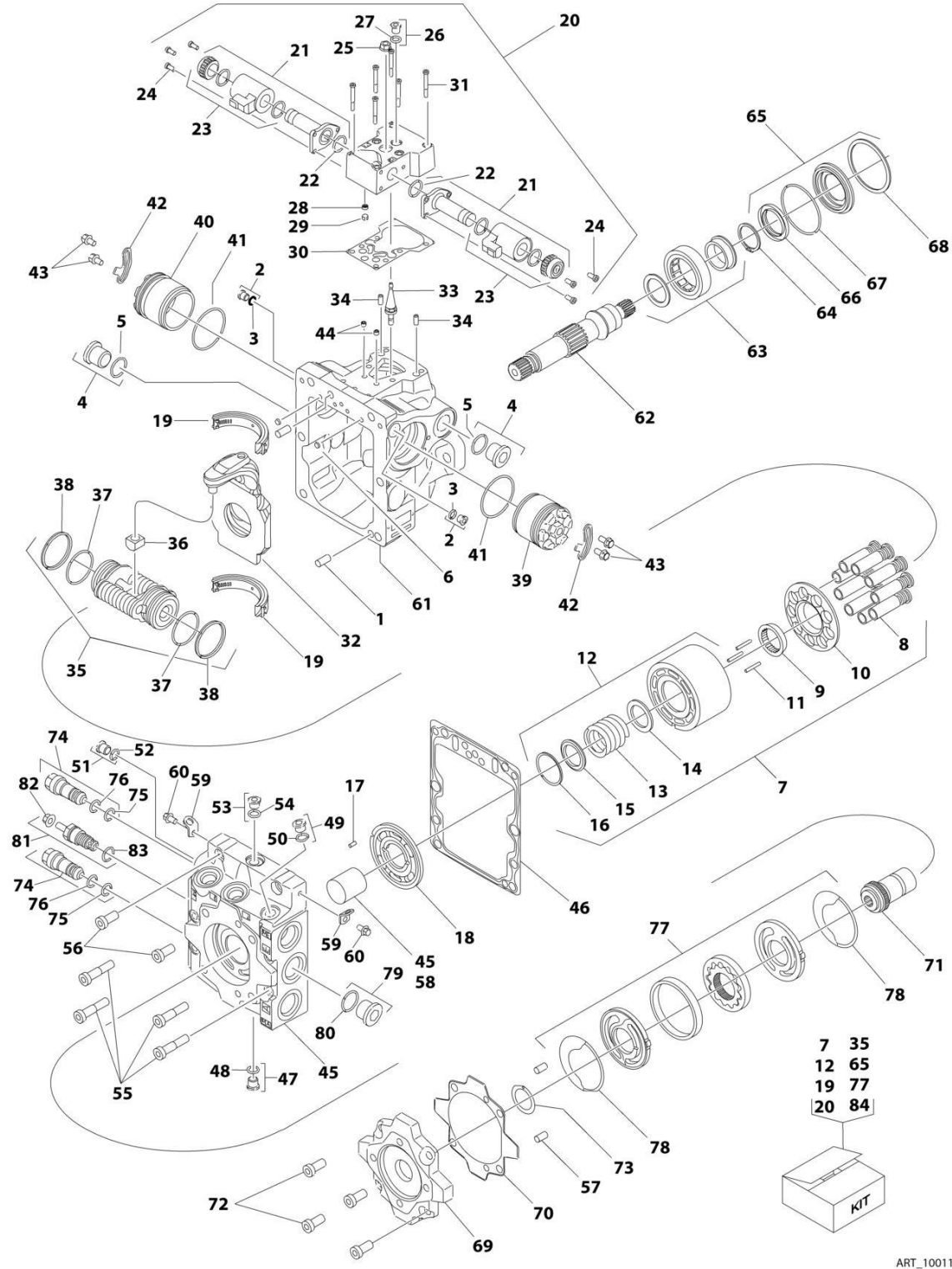
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FIGURE 3-20. COUPLING KIT - GASOLINE ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181829	Ref	COUPLING KIT - GASOLINE ENGINES	B
1	70005455	1	Coupling Assembly	
2	70005454	1	Bolt Kit	
3	See Note	NSS	Housing (Note: Use p/n 1001181829)	

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FIGURE 3-21. PISTON PUMP ASSEMBLY



ART_1001101331

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FIGURE 3-21. PISTON PUMP ASSEMBLY

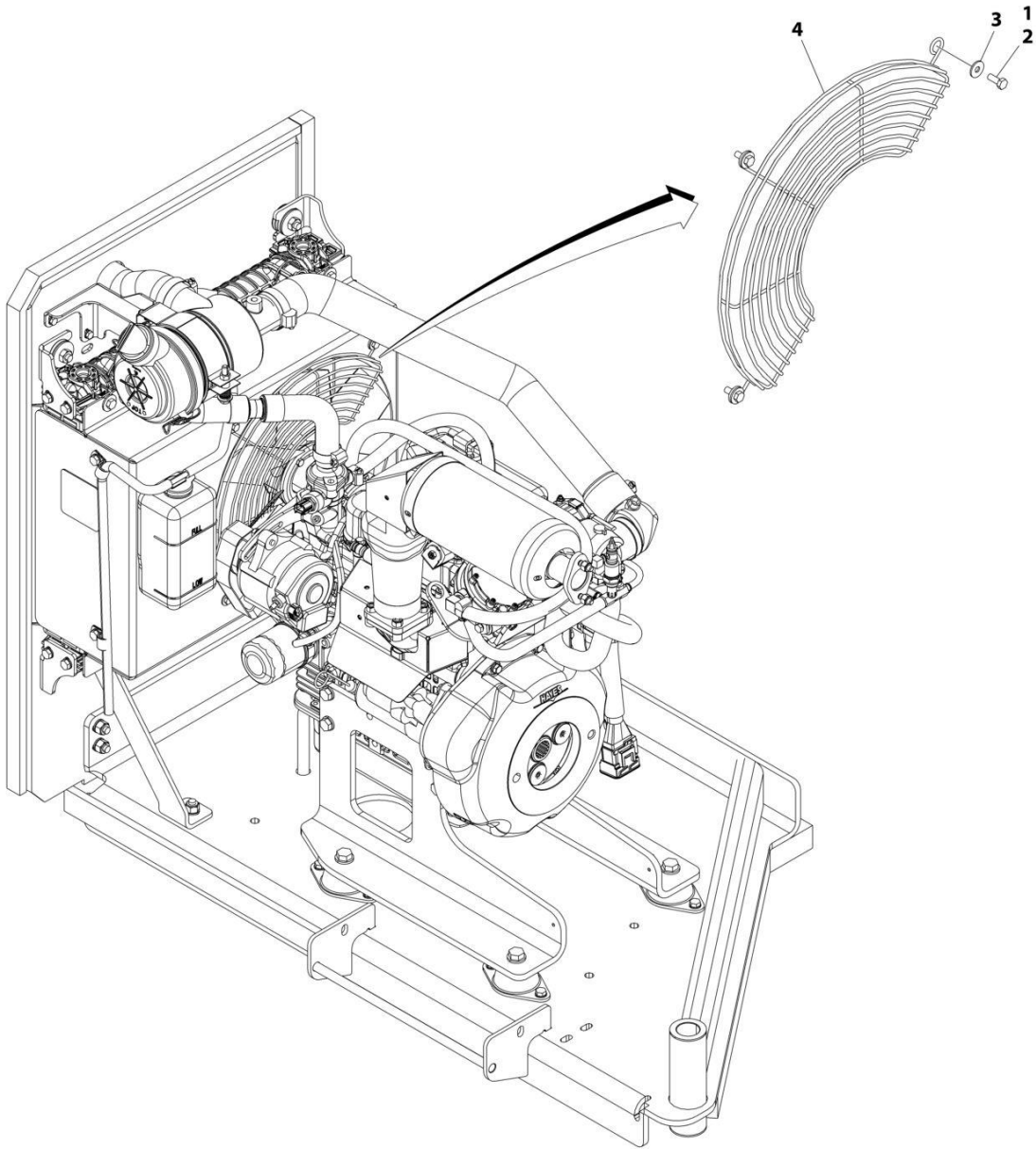
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101331	Ref	PISTON PUMP ASSEMBLY	E
1	70002132	2	Pin	
2	70002133	2	Plug Assembly (Includes Item 3)	
3	7007207	2	O-Ring (Part of Item 2)	
4	7007419	2	Plug Assembly (Includes Item 5)	
5	7007418	2	O-Ring (Part of Item 4)	
6	70002134	2	Screen	
7	70002135	1	Cylinder 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 Hold Down (Part of Item 7)	
12	70002143	1	Cylinder Block Assembly (Includes Items 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	Swash Plate 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	Swash Plate	
33	70002155	1	Link, Swash Plate	
34	70002157	2	Pin, Dowel	
35	70002158	1	Servo Piston Assembly (Includes Items 36-38)	
36	70002159	1	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	70002158	1	Plug Assembly (Includes Item 48)	

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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)	

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FIGURE 3-22. FAN GUARD INSTALLATION - KUBOTA



ART_1001220614

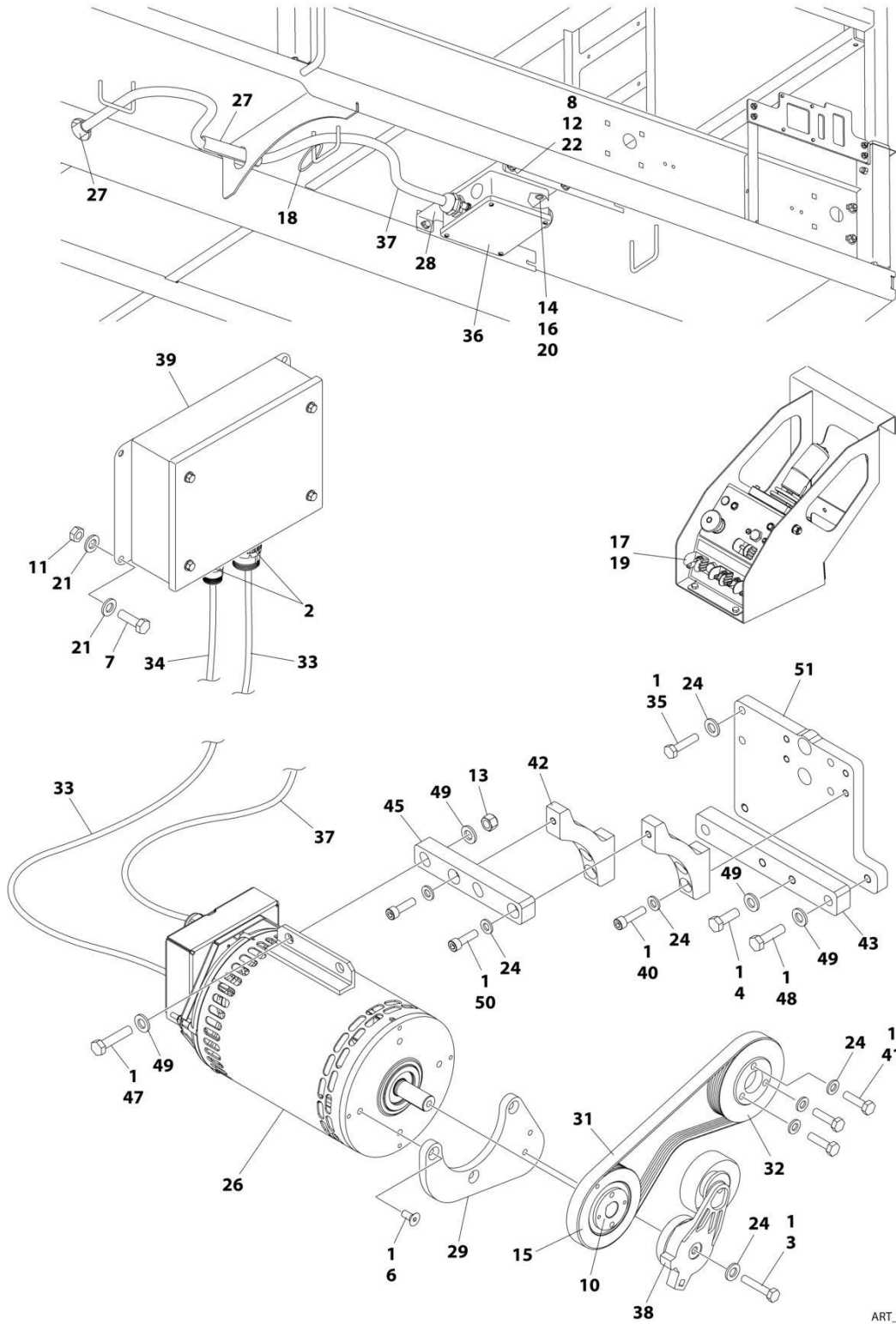
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FIGURE 3-22. FAN GUARD INSTALLATION - KUBOTA

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001220614	Ref	FAN GUARD INSTALLATION - KUBOTA	A
1	0100011	AR	Compound, Locking	
2	0760608	3	Bolt M6 x 16	
3	4811702	3	Washer M6	
4	1001220613	1	Shroud, Fan Guard	

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FIGURE 3-23. GENERATOR INSTALLATION - 4000W (KUBOTA DIESEL STAGE III)



ART_1001181217_G

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FIGURE 3-23. GENERATOR INSTALLATION - 4000W (KUBOTA DIESEL STAGE III)

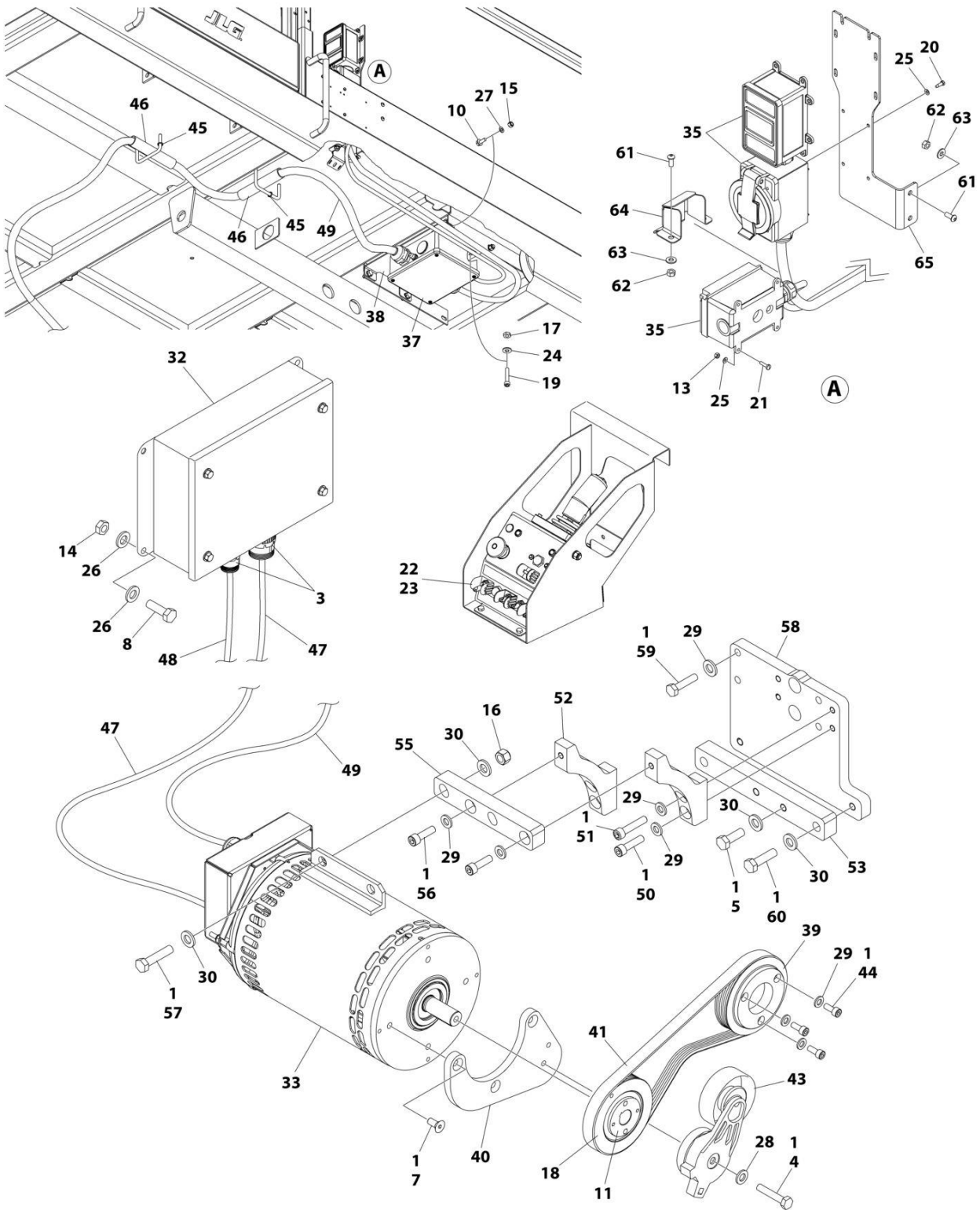
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181217	Ref	GENERATOR INSTALLATION - 4000W (KUBOTA DIESEL STAGE III)	G
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Silicone (Apply to Contactor Connector)	
3	0701019	1	Bolt M10 x 55	
4	0701215	2	Bolt M12 x 35	
6	0741607	3	Bolt 3/8-16 x .88	
7	0760610	4	Bolt M6 x 20	
8	0780810	4	Bolt M8 x 20	
10	0962520	1	Bushing, Taper	
11	3290605	4	Nut M6	
12	3290805	4	Nut M8	
13	3291201	2	Nut M12	
14	3311005	4	Nut #10	
15	3580318	1	Pulley, Generator	
16	3931016	4	Screw #10 x 1	
17	4060802	1	Guard, Switch	
18	4240017	2	Tie Strap	
19	4360482	1	Switch, Toggle	
20	4751000	4	Washer #10	
21	4811700	8	Washer M6	
22	4811900	4	Washer M8	
24	5241000	AR	Washer M10	
26	1001140347	1	Generator Assembly	
26	70003709	1	Ring, Retaining (External)	
26	70003708	1	Ring, Retaining (Internal)	
26	70001966	1	Bearing	
26	70004092	1	Endbell (Shaft End)	
26	70004099	1	Key	
26	70004676	1	Rotor	
26	70004686	1	Stator	
26	70004678	1	Endbell (Rear)	
26	70004679	1	Cover, Endbell (Rear)	
26	70004680	1	Enclosure, Wiring	
26	70004681	1	Cover, Enclosure	
26	70004682	1	Switch, Reset (Located on Enclosure Cover)	
26	70004683	1	Connector, Strain Relief (Located on Enclosure Cover)	
26	4460224	1	Receptacle, Female - 6 Position (Connects to Harness)	
26	4460268	1	Pin, Male (Connects to Harness)	
26	4460807	6	Seal, Pin (Connects to Harness)	
26	4460808	1	Seal, Interface (Connects to Harness)	
27	1001151080	2	Conduit, Split Poly	
28	1001166732	1	Support	
29	1001184162	1	Bracket	
31	1001244939	1	Belt	
32	1001244937	1	Pulley	
33	1001236444	1	Harness, 4000W Generator Control - Generator to Control Box (See Separate Breakdown in ELECTRICAL Section)	
34	1001186826	1	Harness, 4000W Generator Control - Control Box to Generator Control (See Separate Breakdown in ELECTRICAL Section)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
35	1001207285	AR	Bolt M10 x 45	
36	1001187197	1	Junction Box Assembly - 4000W Generator(Australian, CE & UK CA Specs) (See Separate Breakdown in this Section)	
37	1001236445	1	Cable, Electrical 10/4	
38	3580317	1	Pulley, Belt Tensioner	
39	1001138566	1	Box, Generator Control 4000W Generator 50Hz	
39	70006552	1	Capacitor	
39	70006553	1	Relay	
40	5272012	AR	Bolt M10 x 40	
41	1001119929	AR	Bolt M10 x 35	
42	1001202532	2	Generator Arm Mount Bracket	
43	1001208340	1	Generator Bracket	
45	1001202536	1	Plate	
46	4032014	AR	Bolt M10 x 50	
47	0701219	AR	Bolt M12 x 55	
48	0701217	AR	Bolt M12 x 45	
49	5241200	AR	Washer M12	
50	5272011	AR	Bolt M10 x 35	
51	1001208339	1	Generator Mount Bracket	

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FIGURE 3-24. GENERATOR INSTALLATION - 4000W (KUBOTA DIESEL T4F)



ART_100117770_J

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FIGURE 3-24. GENERATOR INSTALLATION - 4000W (KUBOTA DIESEL T4F)

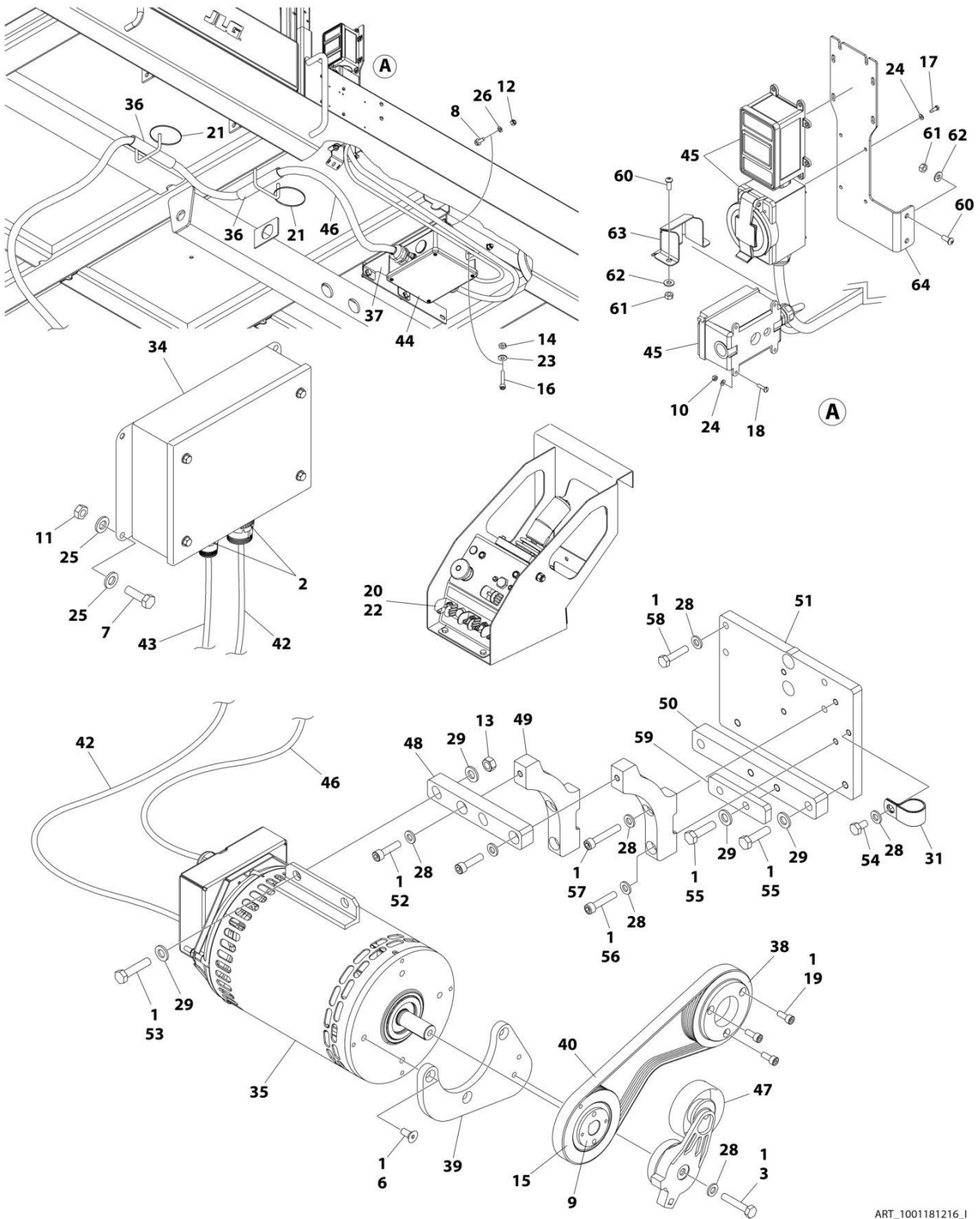
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177770	Ref	GENERATOR INSTALLATION - 4000W (KUBOTA DIESEL T4F)	J
1	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Silicone (Apply to Contactor Connector)	
4	0701019	1	Bolt M10 x 55	
5	0701215	2	Bolt M12 x 35	
7	0741607	3	Bolt 3/8 x .88	
8	0760610	4	Bolt M6 x 20	
10	0780810	4	Bolt M8 x 20	
11	0962520	1	Bushing, Taper	
13	3290405	4	Nut M4	
14	3290605	4	Nut M6	
15	3290805	4	Nut M8	
16	3291201	2	Nut M12	
17	3311005	4	Nut #10	
18	3580318	1	Pulley, Generator	
19	3931016	4	Screw #10 x 1	
20	3940804	4	Self, Tapping	
21	4010408	4	Screw M4 x 16	
22	4060802	1	Guard, Switch	
23	4360482	1	Switch, Toggle	
24	4751000	4	Washer #10	
25	4811400	8	Washer M4	
26	4811700	8	Washer M6	
27	4811900	4	Washer M8	
28	4812000	1	Washer M10	
29	5241000	AR	Washer M10	
30	5241200	AR	Washer M12	
32	1001138566	1	Box, Generator Control (4000W Generator - 60Hz)	
32	70006552	1	Capacitor	
32	70006553	1	Relay	
33	1001140346	1	Generator Assembly	
33	70003709	1	Ring, Retaining (External)	
33	70003708	1	Ring, Retaining (Internal)	
33	70001966	1	Bearing	
33	70004092	1	Endbell (Shaft End)	
33	70004099	1	Key	
33	70004676	1	Rotor	
33	70004687	1	Stator	
33	70004678	1	Endbell (Rear)	
33	70004679	1	Cover, Endbell (Rear)	
33	70004680	1	Enclosure, Wiring	
33	70004685	1	Cover, Enclosure	
33	70004682	1	Switch, Reset (Located on Enclosure Cover)	
33	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
33	4460224	1	Receptacle, Female - 6 Position (Connects to Harness	
33	4460268	1	Pin, Male (Connects to Harness)	
33	4460807	6	Seal, Pin (Connects to Harness)	
33	4460808	1	Seal, Interface (Connects to Harness)	
35	1001187092	1	Platform Receptacle Assembly (See Separate Breakdown in ELECTRICAL Section)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
37	1001186828	1	Junction Box Assembly - 4000W Generator (All Specs Except Australian, CE & UK CA Specs) (See Separate Breakdown in this Section)	
38	1001166732	1	Support	
39	1001183726	1	Pulley	
40	1001184162	1	Bracket	
41	1001184235	1	Belt	
43	3580317	1	Pulley, Belt Tensioner	
44	1001186919	3	Bolt M10 x 40	
45	4240017	2	Tie Strap	
46	1001151080	2	Conduit, Split Poly	
47	1001236444	1	Harness, 4000W Generator Control - Generator to Control Box (See Separate Breakdown in ELECTRICAL Section)	
48	1001186826	1	Harness, 4000W Generator Control - Control Box to Generator Control (See Separate Breakdown in ELECTRICAL Section)	
49	1001236445	1	Cable, Electrical 10/4	
50	5272012	AR	Bolt M10 x 40	
51	4032014	AR	Bolt M10 x 50	
52	1001202532	2	Generator Arm Mount Bracket	
53	1001208340	1	Generator Bracket	
55	1001202536	1	Plate	
56	5272011	AR	Bolt M10 x 35	
57	0701219	AR	Bolt M12 x 55	
58	1001208339	1	Generator Mount Bracket	
59	1001207285	AR	Bolt M10 x 45 Grade 10.9	
60	0701217	AR	Bolt M12 x 45	
61	0630407	4	Capscrew 1/4 x 5/8	
62	3311405	4	Nut, Lock 1/4	
63	4711400	4	Washer 1/4	
64	1001148844	1	Support, Cable	
65	1001293077	1	Support, Receptacle Box	

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FIGURE 3-25. GENERATOR INSTALLATION - 4000W (KUBOTA GASOLINE) (DUAL FUEL)



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FIGURE 3-25. GENERATOR INSTALLATION - 4000W (KUBOTA GASOLINE) (DUAL FUEL)

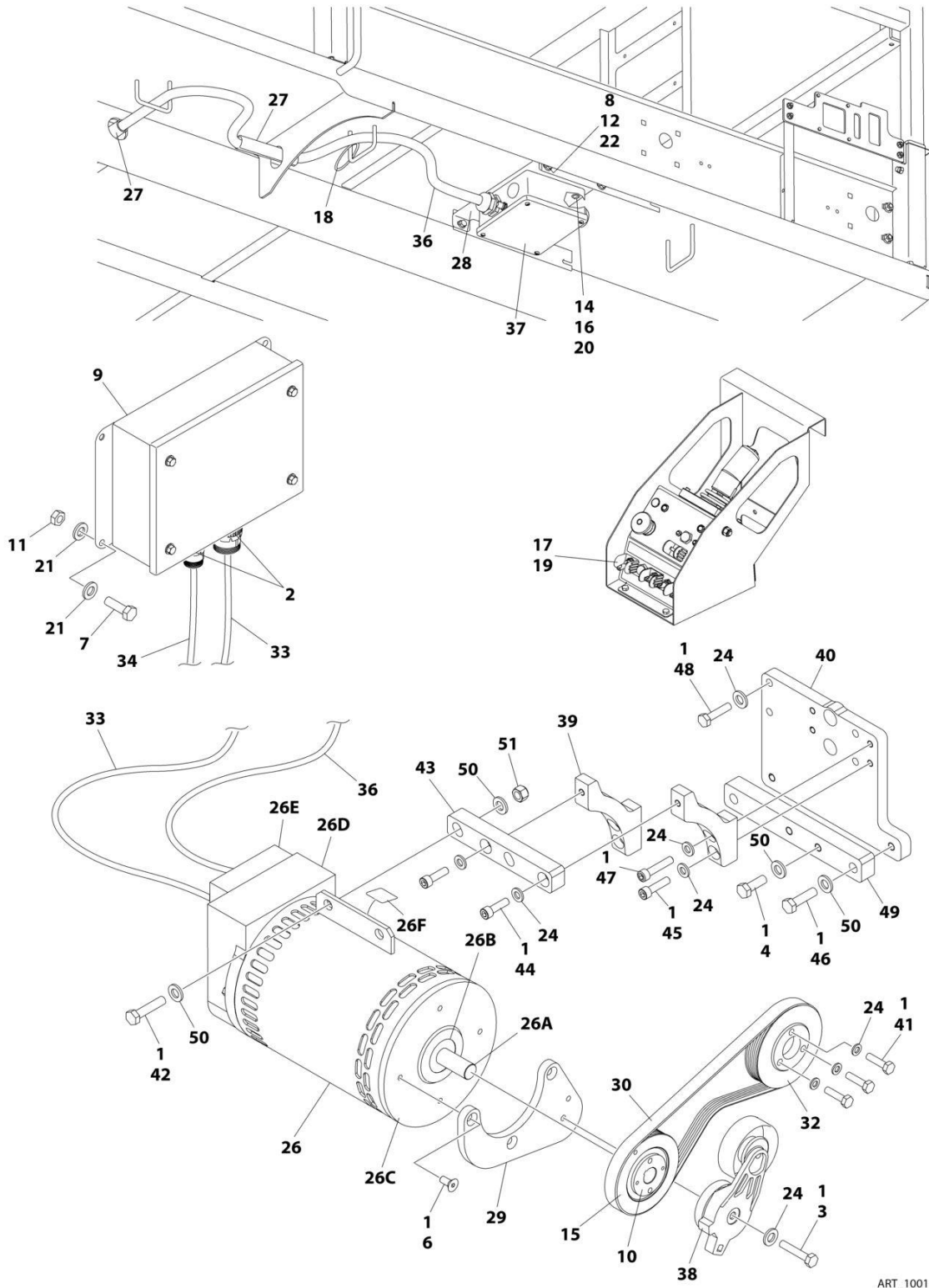
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181216	Ref	GENERATOR INSTALLATION - 4000W (KUBOTA GASOLINE) (DUAL FUEL)	I
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Silicone (Apply to Contactor Connector)	
3	0701019	1	Bolt M10 x 55	
6	0741607	3	Bolt 3/8 x .88	
7	0760610	4	Bolt M6 x 20	
8	0780810	4	Bolt M8 x 20	
9	0962520	1	Bushing, Taper	
10	3290405	4	Nut M4	
11	3290605	4	Nut M6	
12	3290805	4	Nut M8	
13	3291201	AR	Nut M12	
14	3311005	4	Nut #10	
15	3580318	1	Pulley, Generator	
16	3931016	4	Screw #10 x 1	
17	3940804	4	Self, Tapping	
18	4010408	4	Screw M4 x 16	
19	4031908	3	Bolt M8 x 20	
20	4060802	1	Guard, Switch	
21	4240017	2	Tie Strap	
22	4360482	1	Switch, Toggle	
23	4751000	4	Washer #10	
24	4811400	8	Washer M4	
25	4811700	8	Washer M6	
26	4811900	4	Washer M8	
28	5241000	AR	Washer M10	
29	5241200	AR	Washer M12	
31	8406302	1	Clamp	
34	1001138566	1	Box, Generator Control (4000W Generator - 60Hz)	
34	70006552	1	Capacitor	
34	70006553	1	Relay	
35	1001140346	1	Generator Assembly	
35	70003709	1	Ring, Retaining (External)	
35	70003708	1	Ring, Retaining (Internal)	
35	70001966	1	Bearing	
35	70004092	1	Endbell (Shaft End)	
35	70004099	1	Key	
35	70004676	1	Rotor	
35	70004687	1	Stator	
35	70004678	1	Endbell (Rear)	
35	70004679	1	Cover, Endbell (Rear)	
35	70004680	1	Enclosure, Wiring	
35	70004685	1	Cover, Enclosure	
35	70004682	1	Switch, Reset (Located on Enclosure Cover)	
35	70004098	1	Connector, Strain Relief (Located on Enclosure Cover)	
35	4460224	1	Receptacle, Female - 6 Position (Connects to Harness)	
35	4460268	1	Pin, Male (Connects to Harness)	
35	4460807	6	Seal, Pin (Connects to Harness)	
35	4460808	1	Seal, Interface (Connects to Harness)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36	1001151080	2	Conduit, Split Poly	
37	1001166732	1	Support	
38	1001181211	1	Pulley	
39	1001184162	1	Bracket	
40	1001184163	1	Belt	
42	1001236444	1	Harness, 4000W Generator Control - Generator to Control Box (See Separate Breakdown in ELECTRICAL Section)	
43	1001186826	1	Harness, 4000W Generator Control - Control Box to Generator Control (See Separate Breakdown in ELECTRICAL Section)	
44	1001186828	1	Junction Box Assembly - 4000W Generator (All Specs Except Australian, CE & UK CA Specs) (See Separate Breakdown in this Section)	
45	1001187092	1	Platform Receptacle Assembly (See Separate Breakdown in ELECTRICAL Section)	
46	1001236445	1	Cable, Electrical 10/4	
47	3580317	1	Belt	
48	1001202759	1	Plate	
49	1001202760	2	Generator Arm Mount Bracket	
50	1001208340	1	Generator Bracket	
51	1001202764	1	Plate	
52	5272012	AR	Bolt M10 x 40	
53	0701219	AR	Bolt M12 x 55	
54	0761009	AR	Bolt M10 x 18	
55	0701217	AR	Bolt M12 x 45	
56	4032014	AR	Bolt M10 x 50	
57	4032016	AR	Bolt M10 x 60	
58	1001207285	AR	Bolt M10 x 45 Grade 10.9	
59	1001210645	1	Plate	
60	0630407	4	Capscrew 1/4 x 5/8	
61	3311405	4	Nut, Lock 1/4	
62	4711400	4	Washer 1/4	
63	1001148844	1	Support, Cable	
64	1001293077	1	Support, Receptacle Box	

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FIGURE 3-26. GENERATOR INSTALLATION - 7500W (KUBOTA DIESEL STAGE III)



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FIGURE 3-26. GENERATOR INSTALLATION - 7500W (KUBOTA DIESEL STAGE III)

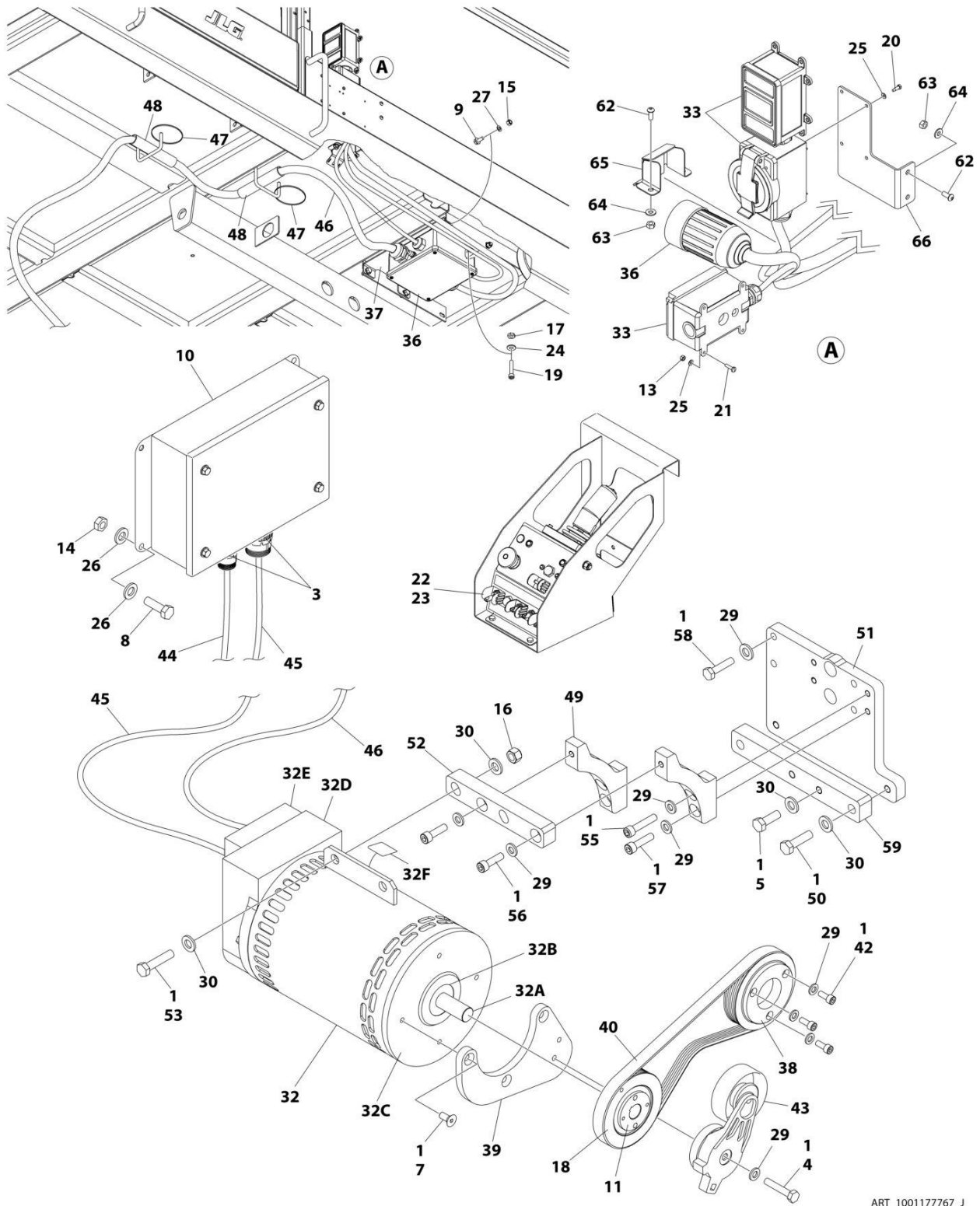
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181140	Ref	GENERATOR INSTALLATION - 7500W (KUBOTA DIESEL STAGE III)	H
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Silicone (Apply to Contactor Connector)	
3	0701019	1	Bolt M10 x 55	
4	0701215	2	Bolt M12 x 35	
6	0741607	3	Bolt 3/8 x .88	
7	0760610	4	Bolt M6 x 20	
8	0780810	4	Bolt M8 x 20	
9	0861572	1	Box, Generator Control 7500W Generator 50Hz	
10	0962520	1	Bushing, Taper	
11	3290605	4	Nut M6	
12	3290805	4	Nut M8	
14	3311005	4	Nut #10	
15	3580318	1	Pulley, Generator	
16	3931016	4	Screw #10 x 1	
17	4060802	1	Guard, Switch	
18	4240017	2	Tie Strap	
19	4360482	1	Switch, Toggle	
20	4751000	4	Washer #10	
21	4811700	8	Washer M6	
22	4811900	4	Washer M8	
24	5241000	AR	Washer M10	
26	1001212223	1	Generator Assembly	A
26	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
26	70001384	1	Bearing, Ball Radial (Not Shown)	
26	70000863	1	Fan (Not Shown)	
26	70006093	1	Stator (Not Shown)	
26	70002297	1	Stud	
26	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
26A	70004099	1	Key	
26B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
26B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
26B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
26C	70004092	1	Endbell, Belt Tensioner	
26D	70004094	1	Endbell, Brush Block	
26E	70006094	1	Shroud	
26E	70002291	1	Insulator, Endbell	
26E	7027799	1	Block, Connector 6 Position (Not Shown)	
26E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
26E	70006095	1	Breaker, Circuit 30Amp	
26E	70006096	1	Boot, Breaker	
26E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown)	
26E	7026597	1	Connector, with Leads (Not Shown)	
26E	70004098	1	Clamp, Cable	
26E	70006097	1	Plate, End Panel	
26E	70001974	1	Decal - Terminal Connections	
26F	70001973	1	Decal - Warning Moving Parts	
27	1001151080	2	Conduit, Split Poly	
28	1001166732	1	Support	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	1001184162	1	Bracket	
30	1001244939	1	Belt	
32	1001244937	1	Pulley	
33	1001236442	1	Harness, 7500W Generator Control - Generator to Generator Control Box (See Separate Breakdown in ELECTRICAL SECTION)	
34	1001186822	1	Harness, 7500W Generator Control - Generator Control Box to Generator Control (See Separate Breakdown in ELECTRICAL SECTION)	
36	1001236443	1	Cable, Electrical 8/5	
37	1001187197	1	Junction Box Assembly - 7500W Generator (Australian, CE & UK CA Specs) (See Separate Breakdown in this Section)	
38	3580317	1	Pulley, Belt Tensioner	
39	1001202532	2	Generator Arm Mount Bracket	
40	1001208339	1	Generator Mount Bracket	
41	1001119929	AR	Bolt M10 x 35	
42	0701219	AR	Bolt M12 x 55	
43	1001202536	1	Plate	
44	5272011	AR	Bolt M10 x 35	
45	5272012	AR	Bolt M10 x 40	
46	0701217	AR	Bolt M12 x 45	
47	4032014	AR	Bolt M10 x 50	
48	1001207285	AR	Bolt M10 x 45 Grade 10.9	
49	1001208340	1	Generator Bracket	
50	5241200	8	Washer M12	
51	3291201	2	Nut M12	
52	0760606	AR	Bolt M6 x 12 (Not Shown)	
53	4871700	AR	Washer M6 (Not Shown)	

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FIGURE 3-27. GENERATOR INSTALLATION - 7500W (KUBOTA DIESEL T4F)



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SECTION 3 - ENGINE

FIGURE 3-27. GENERATOR INSTALLATION - 7500W (KUBOTA DIESEL T4F)

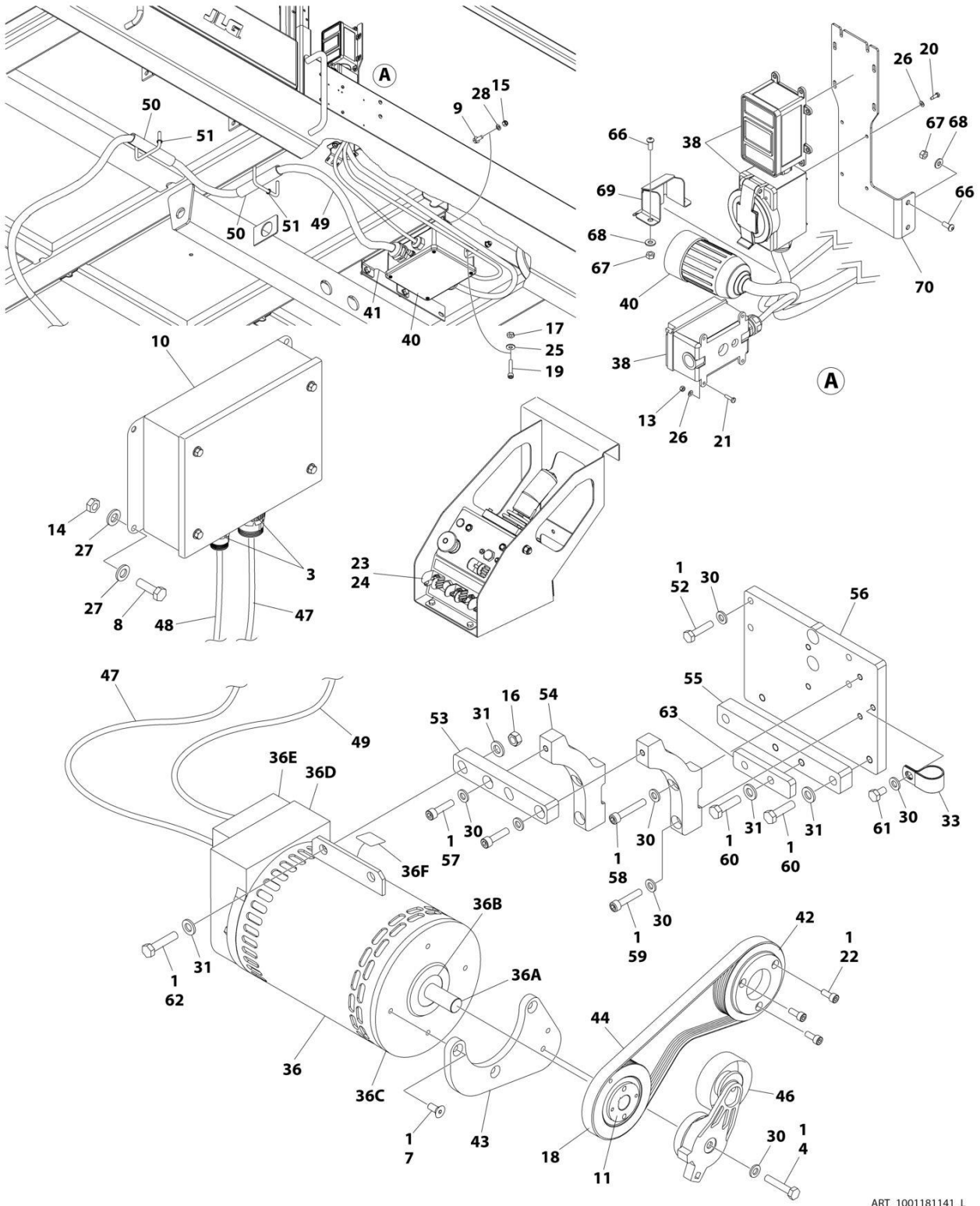
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177767	Ref	GENERATOR INSTALLATION - 7500W (KUBOTA DIESEL T4F)	J
1	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Silicone (Apply to Contactor Connector)	
4	0701019	1	Bolt M10 x 55	
5	0701215	2	Bolt M12 x 35	
7	0741607	3	Bolt 3/8 x .88	
8	0760610	4	Bolt M6 x 20	
9	0780810	4	Bolt M8 x 20	
10	0861538	1	Box, Generator Control (7500W Generator - 60Hz)	
11	0962520	1	Bushing, Taper	
13	3290405	4	Nut M4	
14	3290605	4	Nut M6	
15	3290805	4	Nut M8	
16	3291201	AR	Nut M12	
17	3311005	4	Nut #10	
18	3580318	1	Pulley, Generator	
19	3931016	4	Screw #10 x 1	
20	3940804	4	Self, Tapping	
21	4010408	4	Screw M4 x 16	
22	4060802	1	Guard, Switch	
23	4360482	1	Switch, Toggle	
24	4751000	4	Washer #10	
25	4811400	8	Washer M4	
26	4811700	8	Washer M6	
27	4811900	4	Washer M8	
29	5241000	AR	Washer M10	
30	5241200	AR	Washer M12	
32	1001212223	1	Generator Assembly	A
32	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
32	70001384	1	Bearing, Ball Radial (Not Shown)	
32	70000863	1	Fan (Not Shown)	
32	70006093	1	Stator (Not Shown)	
32	70002297	1	Stud	
32	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
32A	70004099	1	Key	
32B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
32B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
32B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
32C	70004092	1	Endbell, Belt Tensioner	
32D	70004094	1	Endbell, Brush Block	
32E	70006094	1	Shroud	
32E	70002291	1	Insulator, Endbell	
32E	7027799	1	Block, Connector 6 Position (Not Shown)	
32E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
32E	70006095	1	Breaker, Circuit 30Amp	
32E	70006096	1	Boot, Breaker (Not Shown)	
32E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown)	
32E	7026597	1	Connector, with Leads (Not Shown)	
32E	70004098	1	Clamp, Cable	
32E	70006097	1	Plate, End Panel	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
32E	70001974	1	Decal - Terminal Connections	
32F	70001973	1	Decal - Warning Moving Parts	
33	1001187092	1	Platform Receptacle Assembly (See Separate Breakdown in ELECTRICAL Section)	
36	1001187228	1	Junction Box Assembly - 7500W Generator (All Specs Except Australian, CE & UK CA Specs) (See Separate Breakdown in this Section)	
37	1001166732	1	Support	
38	1001183726	1	Pulley	
39	1001184162	1	Bracket	
40	1001184235	1	Belt	
42	1001186919	3	Bolt M10 x 40	
43	3580317	1	Pulley, Belt Tensioner	
44	1001186822	1	Harness, 7500W Generator Control - Generator Control Box to Generator Control (See Separate Breakdown in ELECTRICAL Section)	
45	1001236442	1	Harness, 7500W Generator Control - Generator to Generator Control Box (See Separate Breakdown in ELECTRICAL Section)	
46	1001236443	1	Cable, Electrical 8/5	
47	4240017	2	Tie Strap	
48	1001151080	2	Conduit, Split Poly	
49	1001202532	2	Generator Arm Mount Bracket	
50	0701217	AR	Bolt M12 x 45	
51	1001208339	1	Generator Mount Bracket	
52	1001202536	1	Plate	
53	0701219	AR	Bolt M12 x 55	
55	4032014	AR	Bolt M10 x 50	
56	5272011	AR	Bolt M10 x 35	
57	5272012	AR	Bolt M10 x 40	
58	1001207285	AR	Bolt M10 x 45 Grade 10.9	
59	1001208340	1	Generator Bracket	
60	0760606	AR	Bolt M6 x 12 (Not Shown)	
61	4871700	AR	Washer M6 (Not Shown)	
62	0630407	4	Capscrew 1/4 x 5/8	
63	3311405	4	Nut, Lock 1/4	
64	4711400	4	Washer 1/4	
65	1001148844	1	Support, Cable	
66	1001206707	1	Support, Receptacle Box	

SECTION 3 - ENGINE

FIGURE 3-28. GENERATOR INSTALLATION - 7500W (KUBOTA GASOLINE) (DUAL FUEL)



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FIGURE 3-28. GENERATOR INSTALLATION - 7500W (KUBOTA GASOLINE) (DUAL FUEL)

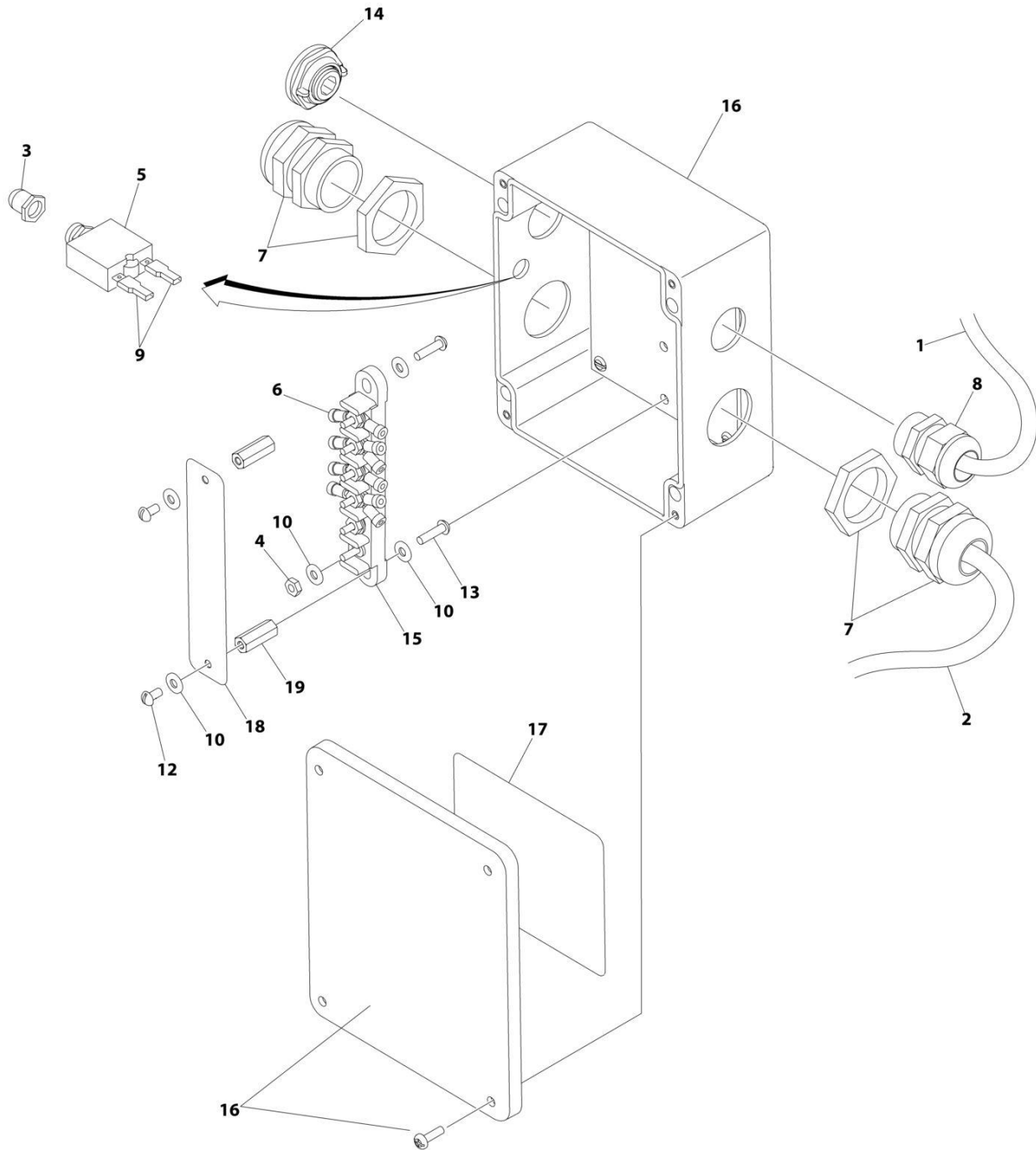
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001181141	Ref	GENERATOR INSTALLATION - 7500W (KUBOTA GASOLINE) (DUAL FUEL)	L
1	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Silicone (Apply to Contactor Connector)	
4	0701019	1	Bolt M10 x 55	
7	0741607	3	Bolt 3/8 x .88	
8	0760610	4	Bolt M6 x 20	
9	0780810	4	Bolt M8 x 20	
10	0861538	1	Box, Generator Control (7500W Generator - 60Hz)	
11	0962520	1	Bushing, Taper	
13	3290405	4	Nut M4	
14	3290605	4	Nut M6	
15	3290805	4	Nut M8	
16	3291201	AR	Nut M12	
17	3311005	4	Nut #10	
18	3580318	1	Pulley, Generator	
19	3931016	4	Screw #10 x 1	
20	3940804	4	Self, Tapping	
21	4010408	4	Screw M4 x 16	
22	4031908	3	Bolt M8 x 20	
23	4060802	1	Guard, Switch	
24	4360482	1	Switch, Toggle	
25	4751000	4	Washer #10	
26	4811400	8	Washer M4	
27	4811700	8	Washer M6	
28	4811900	4	Washer M8	
30	5241000	AR	Washer M10	
31	5241200	AR	Washer M12	
33	8406302	1	Clamp	
36	1001212223	1	Generator Assembly	A
36	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
36	70001384	1	Bearing, Ball Radial (Not Shown)	
36	70000863	1	Fan (Not Shown)	
36	70006093	1	Stator (Not Shown)	
36	70002297	1	Stud	
36	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
36A	70004099	1	Key	
36B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
36B	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
36B	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
36C	70004092	1	Endbell, Belt Tensioner	
36D	70004094	1	Endbell, Brush Block	
36E	70006094	1	Shroud	
36E	70002291	1	Insulator, Endbell	
36E	7027799	1	Block, Connector 6 Position (Not Shown)	
36E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
36E	70006095	1	Breaker, Circuit 30Amp	
36E	70006096	1	Boot, Breaker (Not Shown)	
36E	7026626	1	Connector, 6 Position (Includes Seal) (Not Shown)	
36E	7026597	1	Connector, with Leads (Not Shown)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36E	70004098	1	Clamp, Cable	
36E	70006097	1	Plate, End Panel	
36E	70001974	1	Decal - Terminal Connections	
36F	70001973	1	Decal - Warning Moving Parts	
38	1001187092	1	Platform Receptacle Assembly (See Separate Breakdown in ELECTRICAL Section)	
40	1001187228	1	Junction Box Assembly - 7500W Generator (All Specs Except Australian, CE & UK CA Specs) (See Separate Breakdown in this Section)	
41	1001166732	1	Support	
42	1001181211	1	Pulley	
43	1001184162	1	Bracket	
44	1001184163	1	Belt	
46	3580317	1	Pulley, Belt Tensioner	
47	1001236442	1	Harness, 7500W Generator Control - Generator to Generator Control Box (See Separate Breakdown in ELECTRICAL Section)	
48	1001186822	1	Harness, 7500W Generator Control - Generator Control Box to Generator Control (See Separate Breakdown in ELECTRICAL Section)	
49	1001236443	1	Cable, Electrical 8/5	
50	1001151080	2	Conduit, Split Poly	
51	4240017	2	Tie Strap	
52	1001207285	AR	Bolt M10 x 45 Grade 10.9	
53	1001202759	1	Plate	
54	1001202760	2	Generator Arm Mount Bracket	
55	1001208340	1	Generator Bracket	
56	1001202764	1	Plate	
57	5272012	AR	Bolt M10 x 40	
58	4032016	AR	Bolt M10 x 60	
59	4032014	AR	Bolt M10 x 50	
60	0701217	AR	Bolt M12 x 45	
61	0761009	AR	Bolt M10 x 18	
62	0701219	AR	Bolt M12 x 55	
63	1001210645	1	Plate	
64	0760606	AR	Bolt M6 x 12 (Not Shown)	
65	4871700	AR	Washer M6 (Not Shown)	
66	0630407	4	Capscrew 1/4 x 5/8	
67	3311405	4	Nut, Lock 1/4	
68	4711400	4	Washer 1/4	
69	1001148844	1	Support, Cable	
70	1001293077	1	Support, Receptacle Box	

SECTION 3 - ENGINE

FIGURE 3-29. JUNCTION BOX ASSEMBLY - 4000W GENERATOR (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



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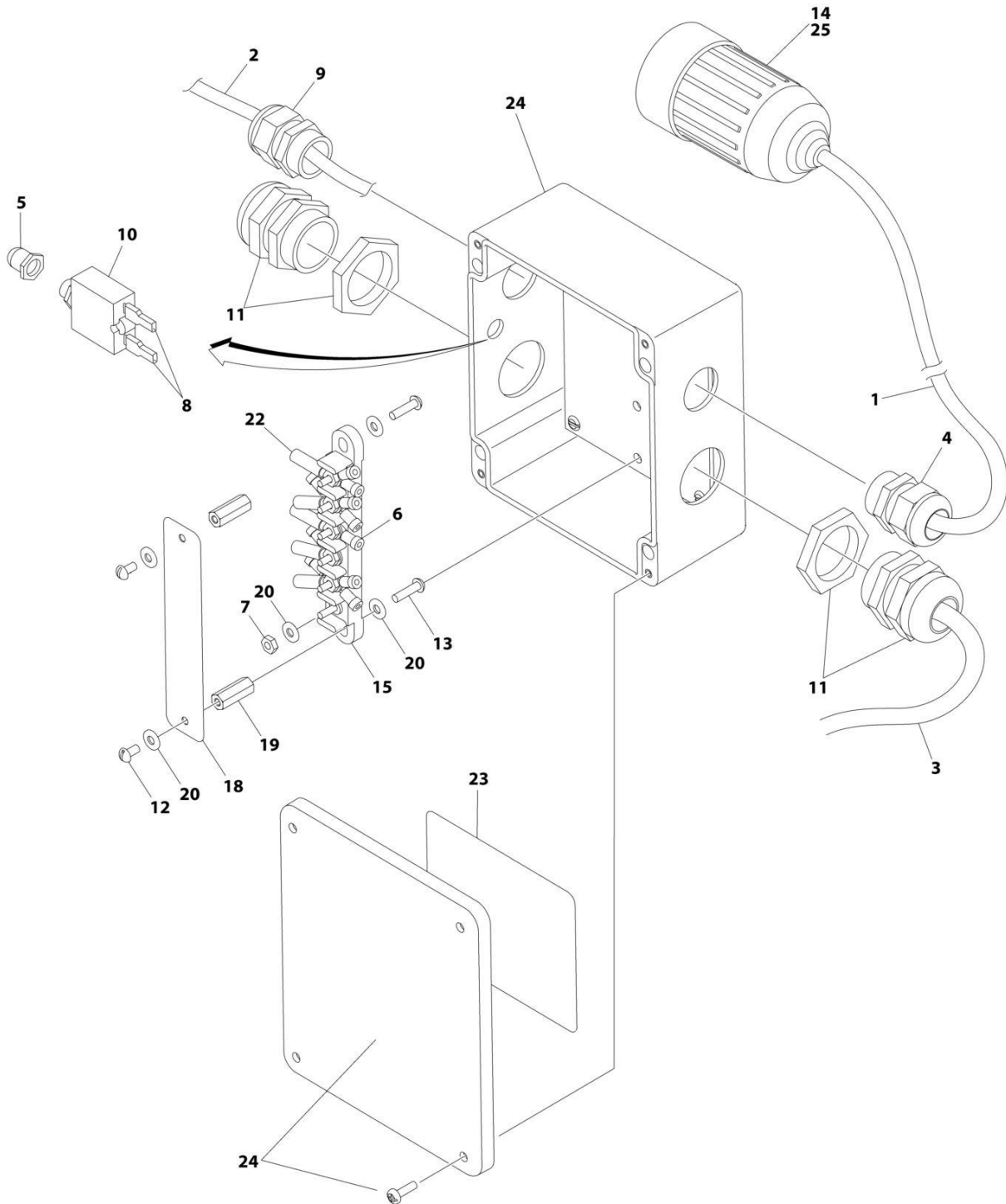
SECTION 3 - ENGINE

FIGURE 3-29. JUNCTION BOX ASSEMBLY - 4000W GENERATOR (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186828	Ref	JUNCTION BOX ASSEMBLY - 4000W GENERATOR	B
1	1060494	6.8 ft/ 2m	Cable, Electrical - 12/3	
2	1060708	6.8 ft/ 2m	Cable, Electrical - 10/3	
3	3300396	1	Cover, Fuse	
4	3311001	6	Nut, #10-24	
5	4360070	1	Circuit Breaker - 15Amp	
6	4460068	10	Terminal	
7	4460426	2	Connector, Strain Relief	
8	4460425	1	Strain Relief, Terminal	
9	4460483	2	Terminal	
10	4711000	10	Washer, #10	
12	10702077	2	Screw, #10-32 X 3/8	
13	10702082	2	Screw, #10-32 X 3/4	
14	1001152525	1	Plug	
15	1001157520	1	Block, Terminal - 6 Pole	
16	1001157521	1	Box, Junction	
17	1001195517	1	Decal - Wiring Schematic	
18	1001158007	1	Cover	
19	1001158008	2	Stand-Off	

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FIGURE 3-30. JUNCTION BOX ASSEMBLY - 7500W GENERATOR (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)



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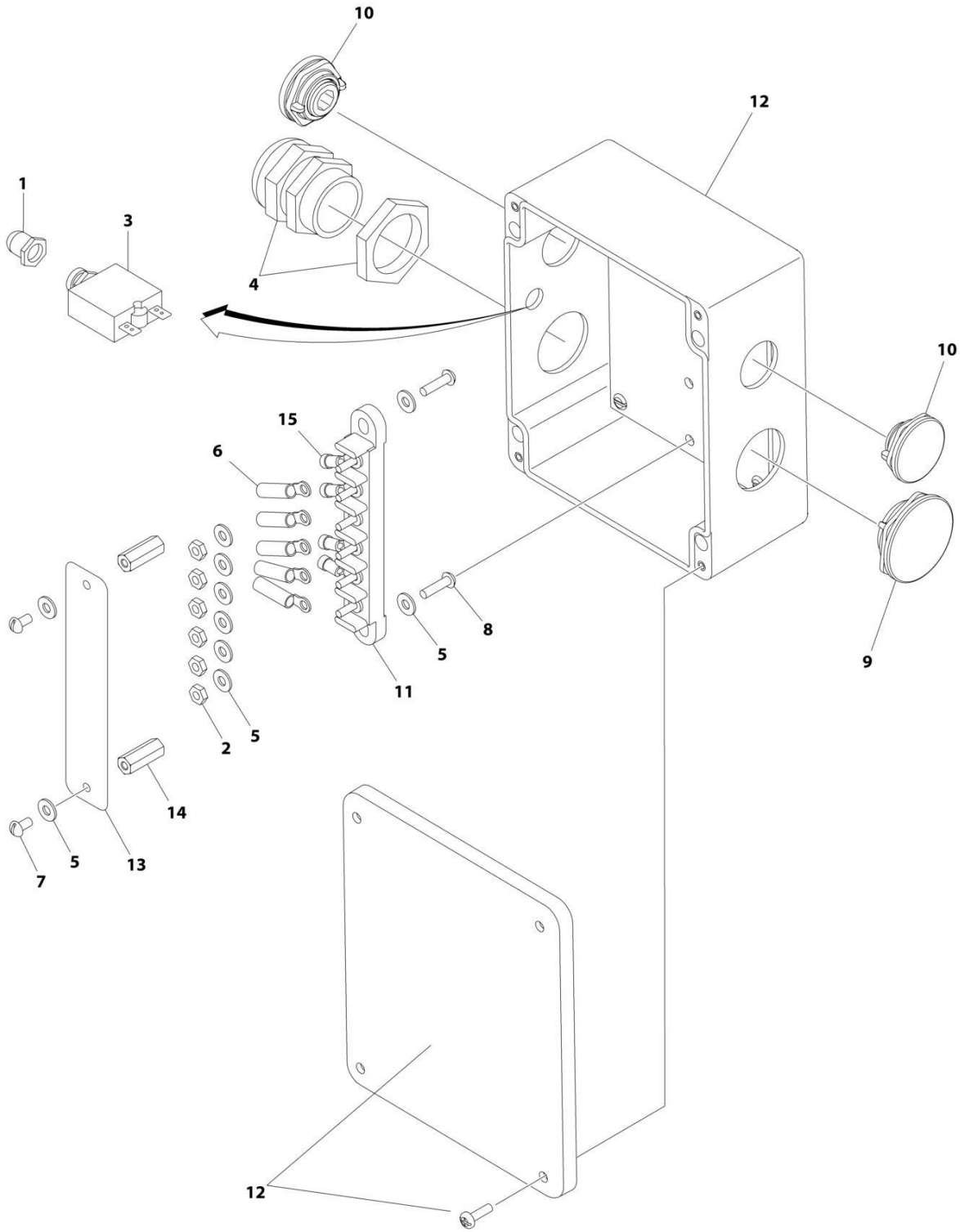
SECTION 3 - ENGINE

FIGURE 3-30. JUNCTION BOX ASSEMBLY - 7500W GENERATOR (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187228	Ref	JUNCTION BOX ASSEMBLY - 7500W GENERATOR	A
1	1060343	6.8 ft/ 2m	Cable, Electrical - 10/4	
2	1060494	6.8 ft/ 2m	Cable, Electrical - 12/3	
3	1060708	6.8 ft/ 2m	Cable, Electrical - 10/3	
4	1321692	1	Strain Relief, Terminal	
5	3300396	1	Cover, Fuse	
6	4460068	10	Terminal	
7	3311001	6	Nut, #10-24	
8	4460483	2	Terminal	
9	4460425	1	Strain Relief, Terminal	
10	4360070	1	Circuit Breaker - 15Amp	
11	4460426	2	Connector, Strain Relief	
12	10702077	2	Screw, #10-32 X 3/8	
13	10702082	2	Screw, #10-32 X 3/4	
14	4460963	1	Connector, Turnlock	
15	1001157520	1	Block, Terminal - 6 Pole	
18	1001158007	1	Cover	
19	1001158008	2	Stand-Off	
20	4711000	10	Washer, #10	
22	8220022	5	Terminal, #10 Stud	
23	1001157528	1	Decal - Wiring Schematic	
24	1001187232	1	Box, Junction	
25	1671092	1	Cover, Connector	

SECTION 3 - ENGINE

FIGURE 3-31. JUNCTION BOX ASSEMBLY - 4000W/7500W GENERATOR (AUSTRALIAN, CE & UK CA SPECS)



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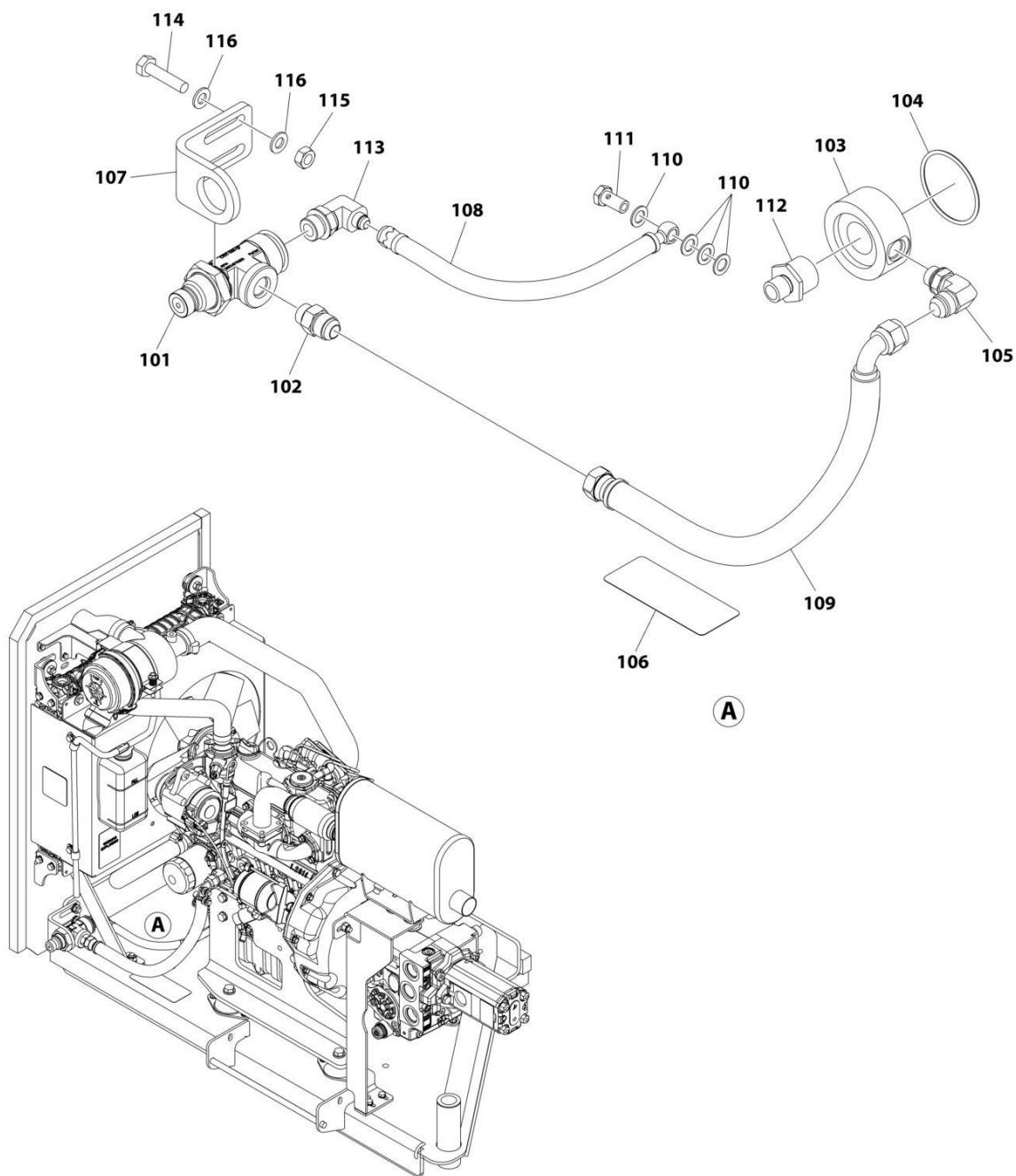
SECTION 3 - ENGINE

FIGURE 3-31. JUNCTION BOX ASSEMBLY - 4000W/7500W GENERATOR (AUSTRALIAN, CE & UK CA SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187197	Ref	JUNCTION BOX ASSEMBLY - 4000W/7500W GENERATOR	A
1	3300396	1	Cover, Fuse	
2	3311001	6	Nut, #10-24	
3	4360070	1	Circuit Breaker - 15Amp	
4	4460426	1	Connector, Strain Relief	
5	4711000	10	Washer, #10	
6	8220022	5	Terminal, #10 Stud	
7	10702077	2	Screw, #10-32 X 3/8	
8	10702082	2	Screw, #10-32 X 3/4	
9	1001148648	1	Plug	
10	1001152525	2	Plug	
11	1001157520	1	Block, Terminal - 6 Pole	
12	1001157521	1	Box, Junction	
13	1001158007	1	Cover	
14	1001158008	2	Stand-Off	
15	4460068	4	Terminal	

SECTION 3 - ENGINE

FIGURE 3-32. QUICKFIT OIL DRAIN INSTALLATION - KUBOTA DIESEL ENGINE



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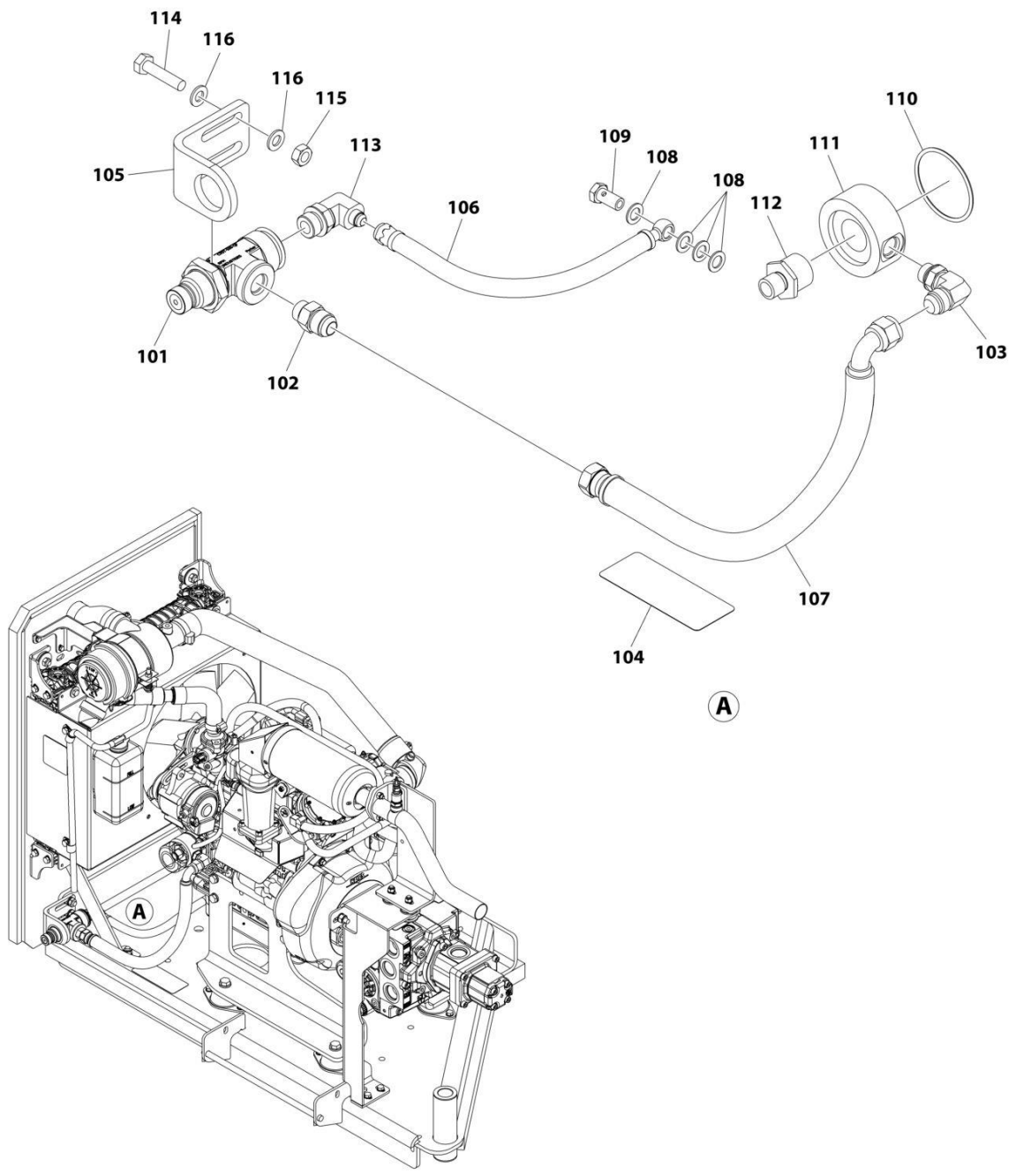
SECTION 3 - ENGINE

FIGURE 3-32. QUICKFIT OIL DRAIN INSTALLATION - KUBOTA DIESEL ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291577	Ref	QUICKFIT OIL DRAIN INSTALLATION	A
100	1001291576	Ref	Valve, Quickfit Kit (Not Shown)	
101	1001281298	1	Valve, Quickfit	
102	1001281302	1	Adapter, Quickfit	
103	1001281309	1	Filter, Ring	
104	1001281311	1	O-Ring	
105	1001281359	1	Valve, Check	
106	1001281360	1	Decal - Quickfit	
107	1001290239	1	Bracket	
108	1001290240	1	Hose, Suction	
109	1001290241	1	Hose, Pressure	
110	1001290244	4	Washer, (Copper)	
111	1001290246	1	Screw	
112	1001290257	1	Fitting, Straight	
113	1001290258	1	Fitting, 90	
114	1001290378	2	Bolt M10 x 45	
115	1001290381	2	Nut M10	
116	1001290384	4	Washer M10	

SECTION 3 - ENGINE

FIGURE 3-33. QUICKFIT OIL DRAIN INSTALLATION - KUBOTA GASOLINE ENGINE



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SECTION 3 - ENGINE

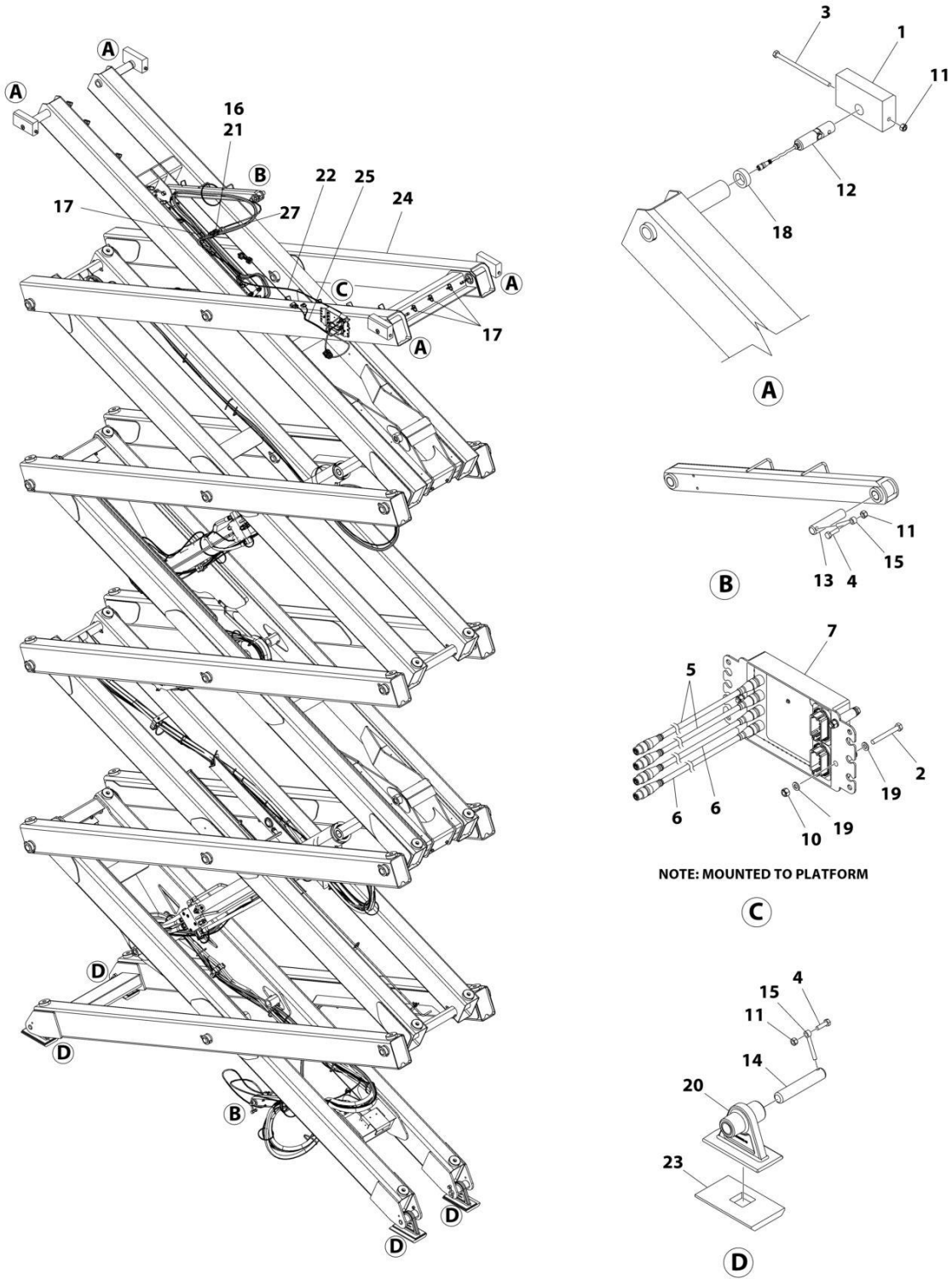
FIGURE 3-33. QUICKFIT OIL DRAIN INSTALLATION - KUBOTA GASOLINE ENGINE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001291579	Ref	QUICKFIT OIL DRAIN INSTALLATION	A
100	1001291578	Ref	Valve, Quickfit Kit (Not Shown)	
101	1001281298	1	Valve, Quickfit	
102	1001281302	1	Adapter, Quickfit	
103	1001281359	1	Valve, Check	
104	1001281360	1	Decal - Quickfit	
105	1001290239	1	Bracket	
106	1001290240	1	Hose, Suction	
107	1001290241	1	Hose, Pressure	
108	1001290244	4	Washer, (Copper)	
109	1001290246	1	Screw	
110	1001290247	1	O-Ring	
111	1001290249	1	Filter	
112	1001290257	1	Fitting, Straight	
113	1001290258	1	Fitting, 90	
114	1001290378	2	Bolt M10 x 45	
115	1001290381	2	Nut M10	
116	1001290384	4	Washer M10	

SECTION 4 - SCISSORS ARMS

SECTION 4 - SCISSORS ARMS

FIGURE 4-1. SCISSORS ARMS INSTALLATION WITH AC CABLE



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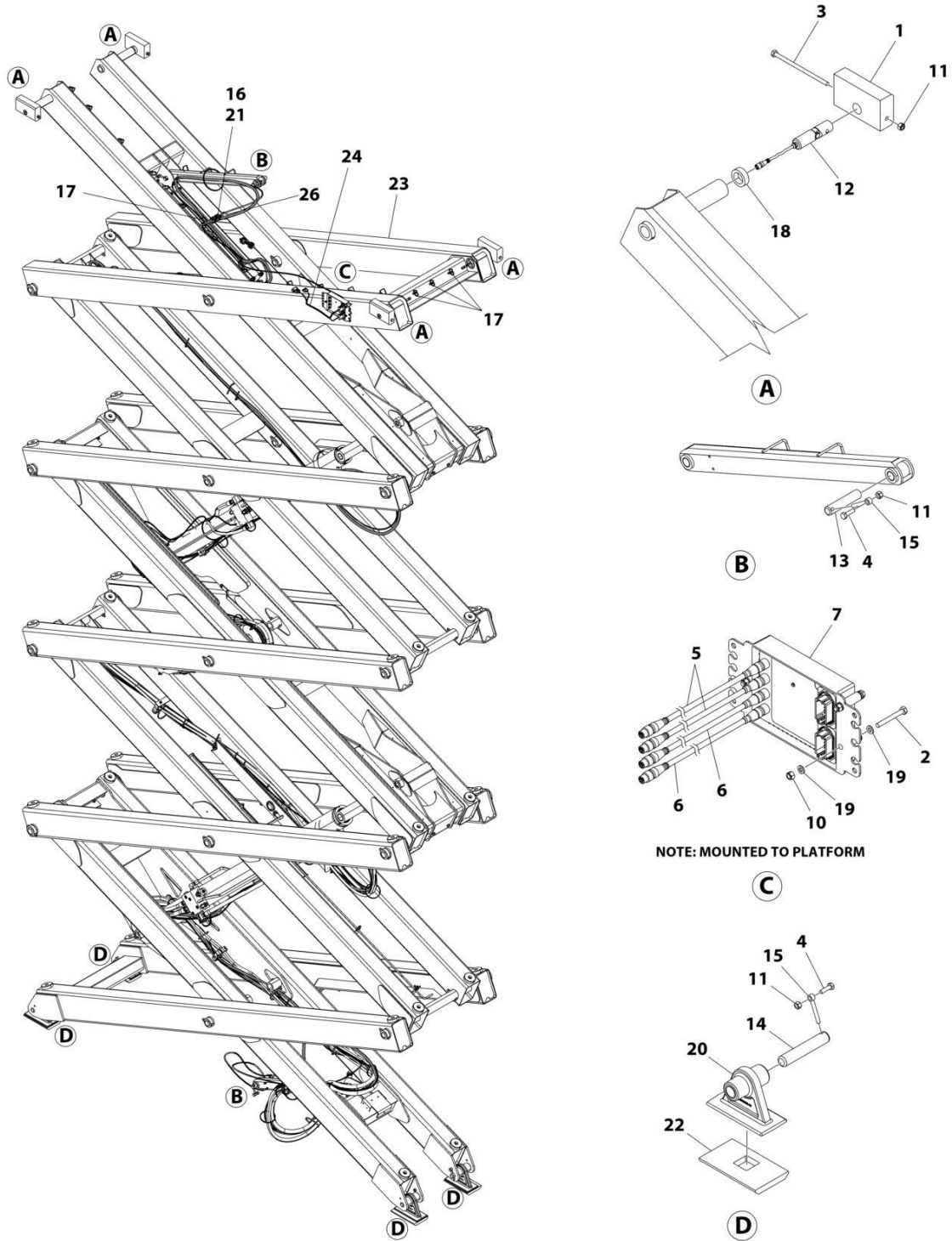
SECTION 4 - SCISSORS ARMS

FIGURE 4-1. SCISSORS ARMS INSTALLATION WITH AC CABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237516	Ref	SCISSORS ARMS INSTALLATION	F
1	0561489	4	Block, Slide	
2	0700618	3	Bolt M6 x 50	
3	0701037	4	Bolt M10 x 200	
4	0771015	6	Bolt M10 x 35	
5	1061020	2	Cable (5 FT/1.5 M Length)	
6	1061021	2	Cable (10 FT/3 M Length)	
7	1600387	1	Module, Control - LSS	
10	3290605	3	Nut M6	
11	3291005	10	Nut M10	
12	3422938	4	Pin	
13	3422943	1	Pin	
14	3422961	4	Pin	
15	3841143	6	Keeper, Pin	
16	4240018	14	Tie-Strap	
17	4240033	19	Tie-Strap	
18	4568295	4	Tube, Spacer	
19	4811700	6	Washer M6	
20	1001099623	4	Slider	
20	0440234	8	Bearing (2 per Slider)	
21	1001130781	3	Conduit	
22	1001178759	1	Cable, AC	
23	1001181501	4	Pad, Slide	
24	1001217384	1	Scissors Arms Assembly (See Separate Breakdown in this Section)	
25	1001226830	1	LSS Harness (See Separate Breakdown in ELECTRICAL Section)	
26	4460234	16	Mount, Tie-Strap (Not Shown)	
27	1001244865	1	Grommet	

SECTION 4 - SCISSORS ARMS

FIGURE 4-2. SCISSORS ARMS INSTALLATION WITH GENERATOR



ART_1001237515_F

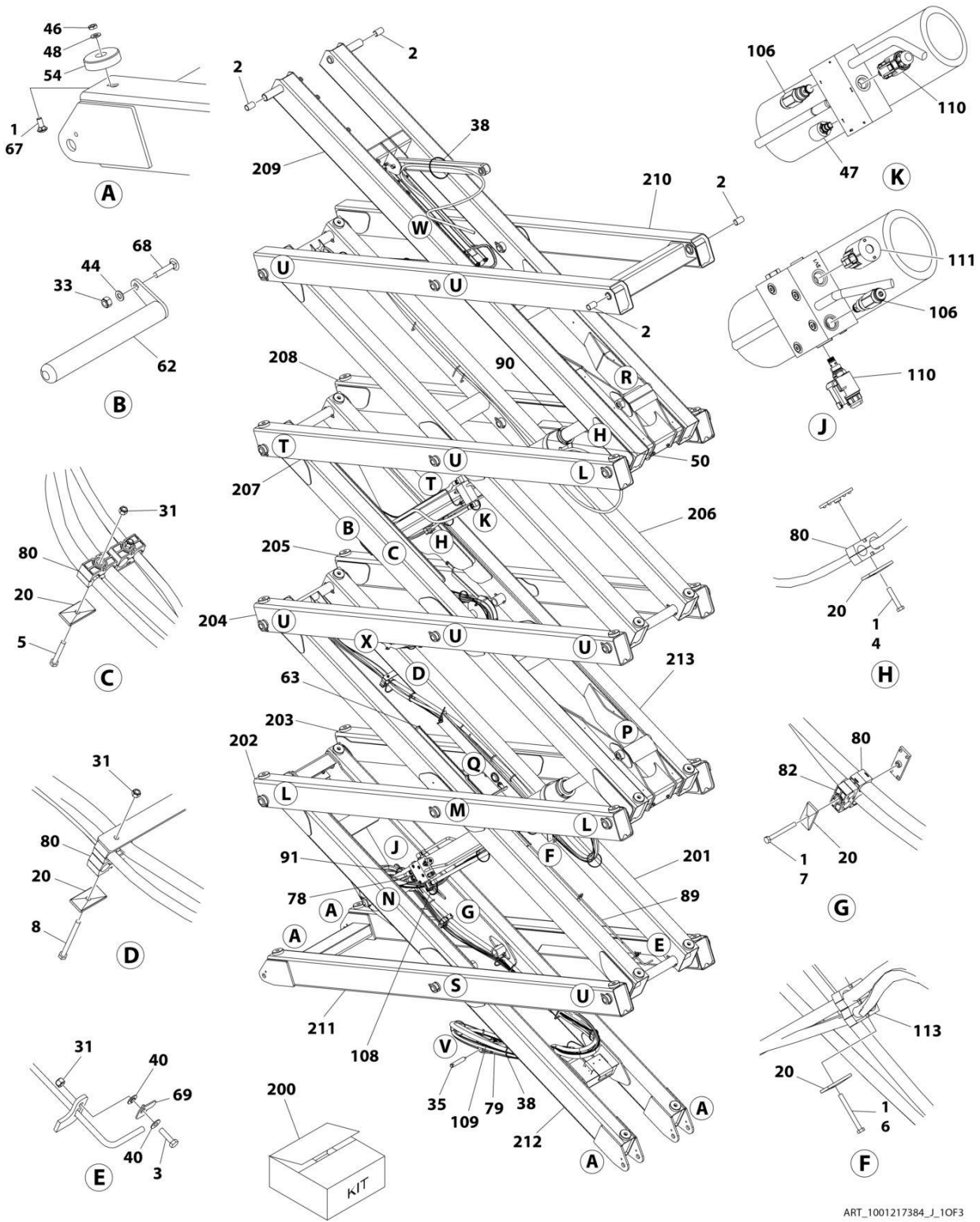
SECTION 4 - SCISSORS ARMS

FIGURE 4-2. SCISSORS ARMS INSTALLATION WITH GENERATOR

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001237515	Ref	SCISSORS ARMS INSTALLATION	F
1	0561489	4	Block, Slide	
2	0700618	3	Bolt M6 x 50	
3	0701037	4	Bolt M10 x 200	
4	0771015	6	Bolt M10 x 35	
5	1061020	2	Cable (5 FT/1.5 M Length)	
6	1061021	2	Cable (10 FT/3 M Length)	
7	1600387	1	Module, Control - LSS	
10	3290605	3	Nut M6	
11	3291005	10	Nut M10	
12	3422938	4	Pin	
13	3422943	1	Pin	
14	3422961	4	Pin	
15	3841143	6	Keeper, Pin	
16	4240018	10	Tie-Strap	
17	4240033	19	Tie-Strap	
18	4568295	4	Tube, Spacer	
19	4811700	6	Washer M6	
20	1001099623	4	Slider	
20	0440234	8	Bearing (2 per Slider)	
21	1001130781	2	Conduit	
22	1001181501	4	Pad, Slide	
23	1001217384	1	Scissors Arms Assembly (See Separate Breakdown in this Section)	
24	1001226830	1	LSS Harness (See Separate Breakdown in ELECTRICAL Section)	
25	4460234	16	Mount, Tie-Strap (Not Shown)	
26	1001244865	1	Grommet	

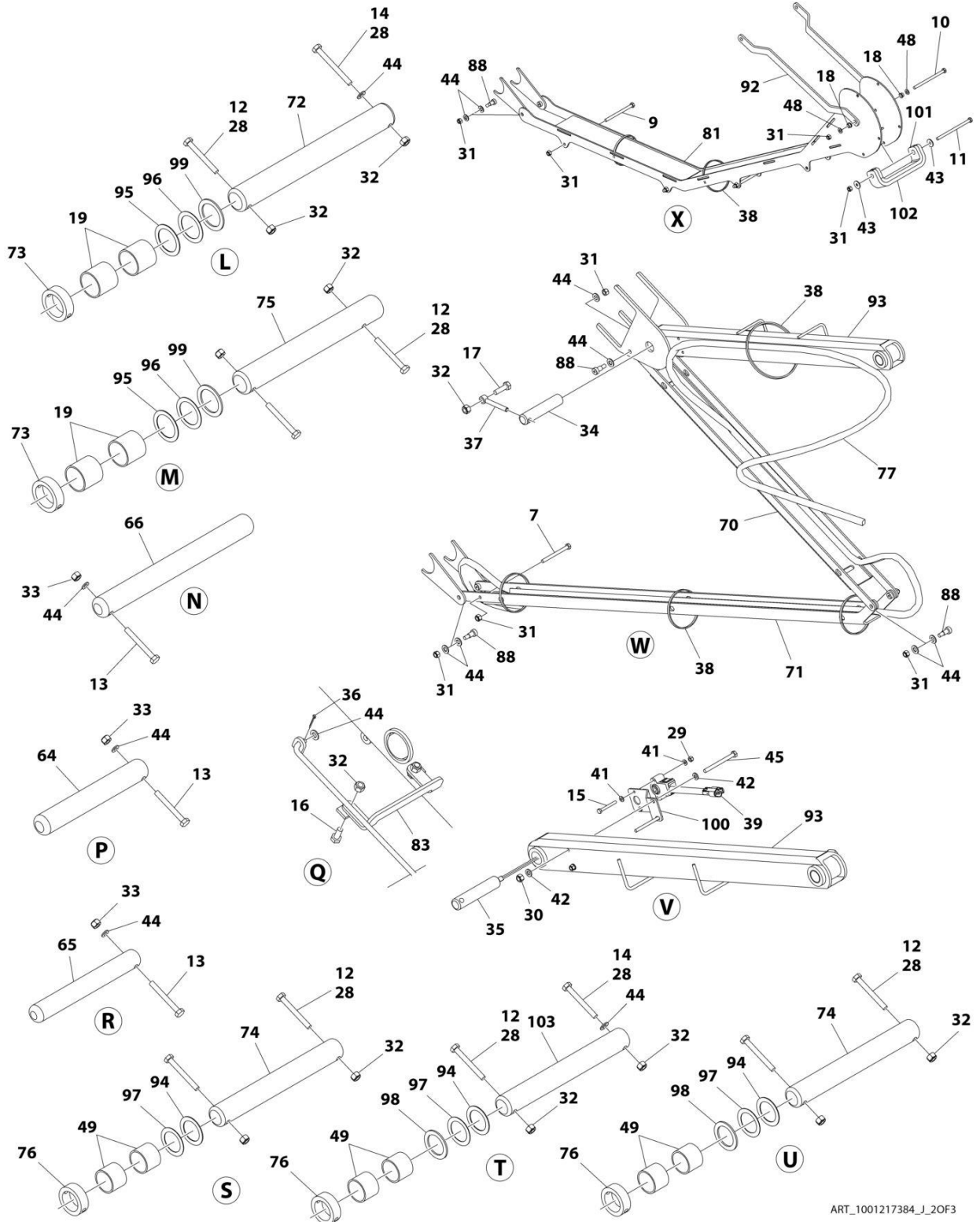
SECTION 4 - SCISSORS ARMS

FIGURE 4-3. SCISSORS ARMS ASSEMBLY



ART_1001217384_J_10F3

SECTION 4 - SCISSORS ARMS



ART_1001217384_J_2OF3

SECTION 4 - SCISSORS ARMS

FIGURE 4-3. SCISSORS ARMS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217384	Ref	SCISSORS ARMS ASSEMBLY	J
1	0100011	AR	Compound, Locking	
2	0440250	4	Bearing	
3	0700814	1	Bolt M8 x 30	
4	0700817	2	Bolt M8 x 45	
5	0700820	2	Bolt M8 x 60	
6	0700824	1	Bolt M8 x 80	
7	0700826	2	Bolt M8 x 90	
8	0700827	1	Bolt M8 x 100	
9	0700828	6	Bolt M8 x 110	
10	0700830	1	Bolt M8 x 130	
11	0700831	1	Bolt M8 x 140	
12	0711025	44	Bolt M10 x 85	
13	0711026	3	Bolt M10 x 90	
14	0711027	8	Bolt M10 x 100	
15	0760415	2	Bolt M4 x 35	
16	0761012	2	Bolt M10 x 25	
17	0771015	2	Bolt M10 x 35	
18	0962031	2	Bushing, Flange	
19	0962036	16	Bushing	
20	1309435	7	Cover, Clamp	
28	3020039	AR	Lubricant	
29	3290405	2	Nut M4	
30	3290605	2	Nut M6	
31	3290805	23	Nut M8	
32	3291005	56	Nut M10	
33	3331017	4	Nut M10	
34	3422943	2	Pin, Link Pivot	
35	3422963	1	Pin, Link Attach	
36	3450304	1	Pin, Cotter 3/32 x 1	
37	3841143	2	Keeper, Pin	
38	4240018	39	Tie-Strap	
39	4360500	1	Switch, Rotary Angle Sensor	
40	4740455	2	Washer	
41	4811400	4	Washer M4	
42	4811700	4	Washer M6	
43	4811902	2	Washer M8	
44	4812000	31	Washer M10	
45	1001096653	2	Bolt M6 x 70	
46	1001102433	32	Nut M8	
47	1001148972	1	Valve, Solenoid Cartridge	
47	70002401	1	Cartridge Less Coil	
47	7017496	1	Seal Kit - 70002401 & 1001148972 Valve	
47	70003788	1	Coil	
48	1001108588	36	Washer M8	
49	1001118665	36	Bearing	
50	1001143645	2	Strap, Cinch	
54	1001181436	32	Bumper	
62	1001184019	1	Pin	
63	1001185315	2	Prop, Safety	

SECTION 4 - SCISSORS ARMS

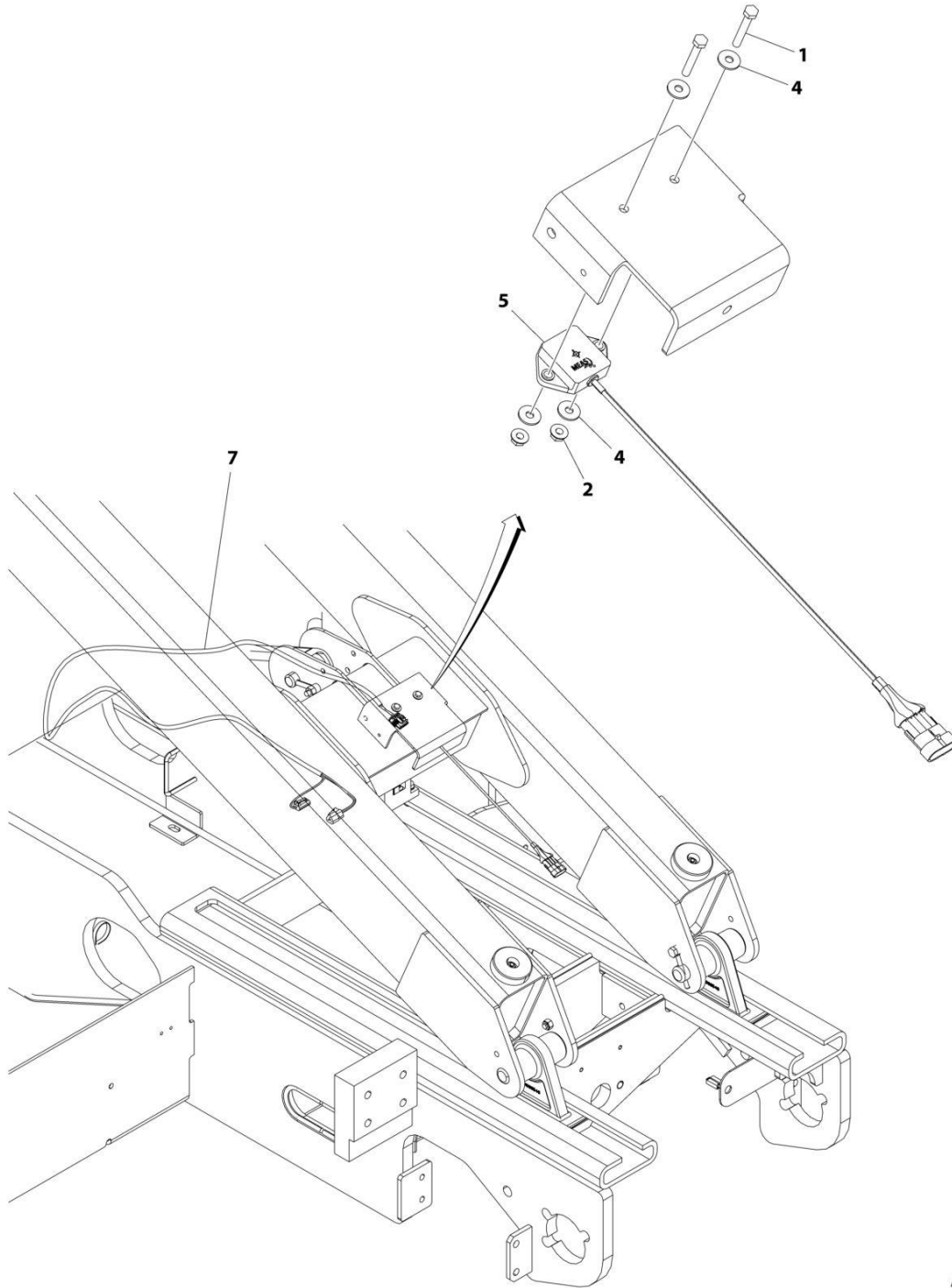
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
63	0962224	2	Bearing (1 per Prop)	
64	1001185704	1	Pin	
65	1001185705	1	Pin	
66	1001185706	1	Pin	
67	1001186235	32	Bolt M8 x 20	
68	1001186551	1	Bolt M10 x 50	
69	1001186900	1	Plate, Rod Keeper	
70	1001187185	1	Carrier, Cable	
71	1001187186	1	Channel, Cable Carrier	
72	1001188000	6	Pin	
73	1001188001	8	Collar	
74	1001188345	16	Pin	
75	1001188348	2	Pin	
76	1001188351	18	Collar	
77	1001236865	1	Ground to Platform Harness (See Separate Breakdown in ELECTRICAL Section)	
78	1001190522	1	Ground to Lower Lift Cylinder Harness (See Separate Breakdown in ELECTRICAL Section)	
79	1001190524	1	Ground to Upper Lift Cylinder Harness (See Separate Breakdown in ELECTRICAL Section)	
80	1001191629	7	Clamp	
81	1001191722	1	Plate, Cable Tray	
82	1001191838	1	Clamp	
83	1001193040	1	Bracket	
88	1001193296	10	Bolt M8 x 14	
89	1001193386	1	Rod, Prop Actuator	
90	1001268210	1	Lift Cylinder Assembly - Upper (See Separate Breakdown in CYLINDER Section)	
91	1001268211	1	Lift Cylinder Assembly - Lower (See Separate Breakdown in CYLINDER Section)	
92	1001194393	2	Plate, Cable Tray	
93	1001195209	2	Link	
93	0962474	4	Bushing	
94	1001197395	AR	Washer	
95	1001197396	AR	Washer	
96	1001197397	AR	Washer	
97	1001197398	AR	Washer	
98	1001197404	AR	Washer	
99	1001197405	AR	Washer	
100	1001202520	1	Bracket, Switch	
101	1001209406	1	Plate	
102	1001209407	1	Bumper	
103	1001217300	2	Pin	
106	1001217888	2	Valve, Cartridge	
106	7024808	2	Seal Kit - 1001217888 Valve	
108	1001222343	1	Ground to Auxilary Lower Holding Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
109	1001222344	1	Ground to Auxilary Upper Holding Valve Harness (See Separate Breakdown in ELECTRICAL Section)	
110	1001103761	2	Valve, Solenoid Cartridge	
110	7024497	1	Cartridge Less Coil	
110	7024502	1	Seal Kit - 1001103761 & 7024497 Valve	
110	70001965	1	Coil	

SECTION 4 - SCISSORS ARMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
110	7024506	1	Nut Kit - Coil	
111	1001206625	1	Valve, Solenoid Cartridge	
111	70006104	1	Cartridge Less Coil	
111	70006105	1	Seal Kit - 1001206625 & 70006104 Valve	
111	70005788	1	Coil	
111	7022390	1	Nut Coil	
113	80933216	2	Clamp	
200	1001281878	1	Kit, Arm	
201	1001181375	1	Arm, Inner 2	
202	1001181384	1	Arm, Outer 2 (RH)	
203	1001181385	1	Arm, Outer 2 (LH)	
204	1001181476	1	Arm, Outer 3 (RH)	
205	1001181477	1	Arm, Outer 3 (LH)	
206	1001181479	1	Arm, Inner 4	
207	1001181481	1	Arm, Outer 4 (RH)	
208	1001181482	1	Arm, Outer 4 (LH)	
209	1001181485	1	Arm, Inner 5	
210	1001181486	1	Arm, Outer 5	
211	1001217381	1	Arm, Outer 1	
212	1001217382	1	Arm, Inner 1	
213	1001218504	1	Arm, Inner 3	

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FIGURE 4-4. ARM GUARDS INSTALLATION



ART_1001231784

SECTION 4 - SCISSORS ARMS

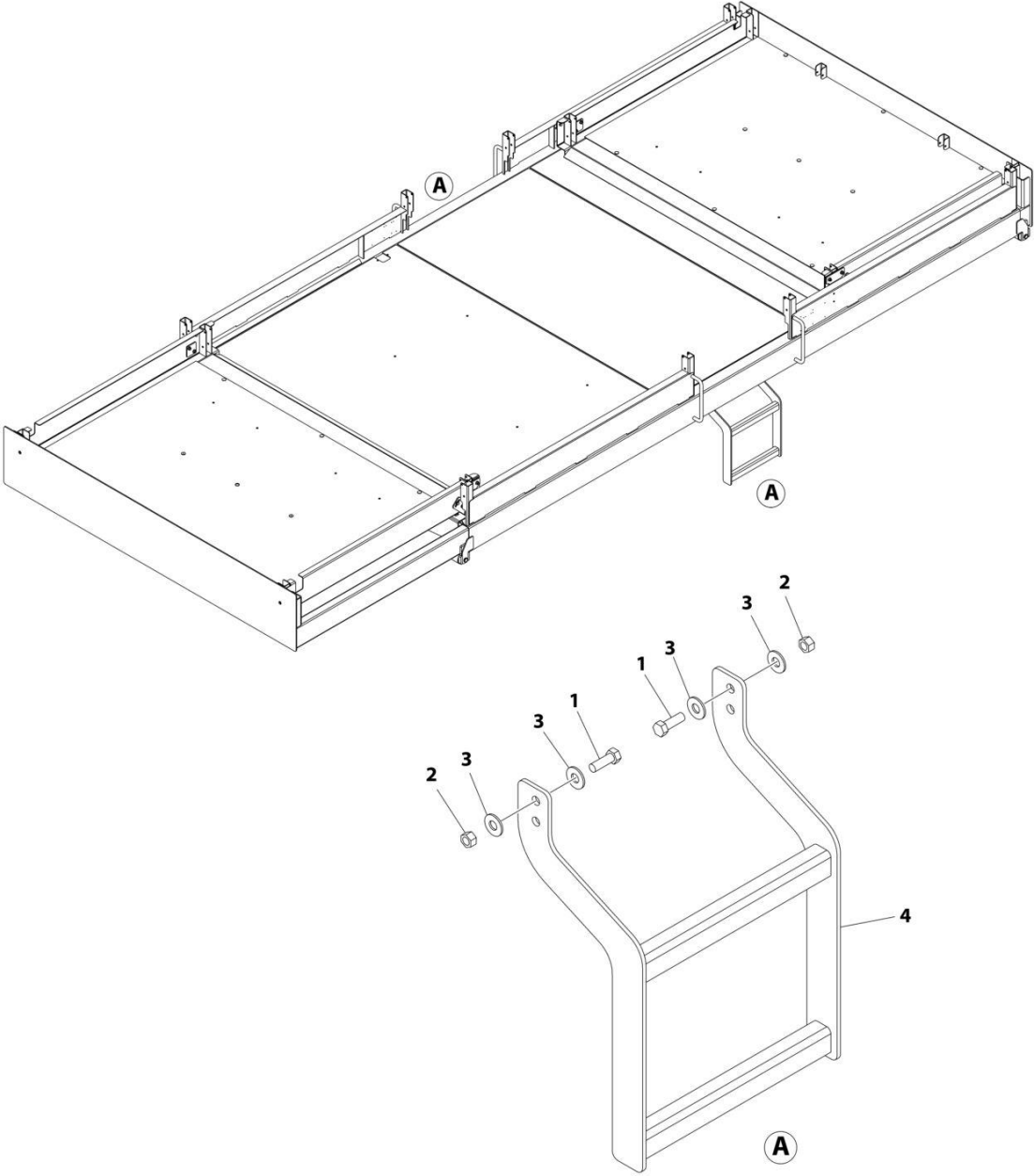
FIGURE 4-4. ARM GUARDS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001231784	Ref	ARM GUARDS INSTALLATION	E
1	0700616	2	Bolt M6 x 40	
2	3290605	2	Nut M6	
3	4240018	12	Tie-Strap (Not Shown)	
4	4811702	4	Washer M6	
5	1001187857	1	Sensor, Dual Axis	
7	1001244347	1	Scissors Arms Guard Harness (See Separate Breakdown in ELECTRICAL SECTION)	

SECTION 5 - PLATFORM

SECTION 5 - PLATFORM

FIGURE 5-1. LADDER INSTALLATION



ART_1001296715

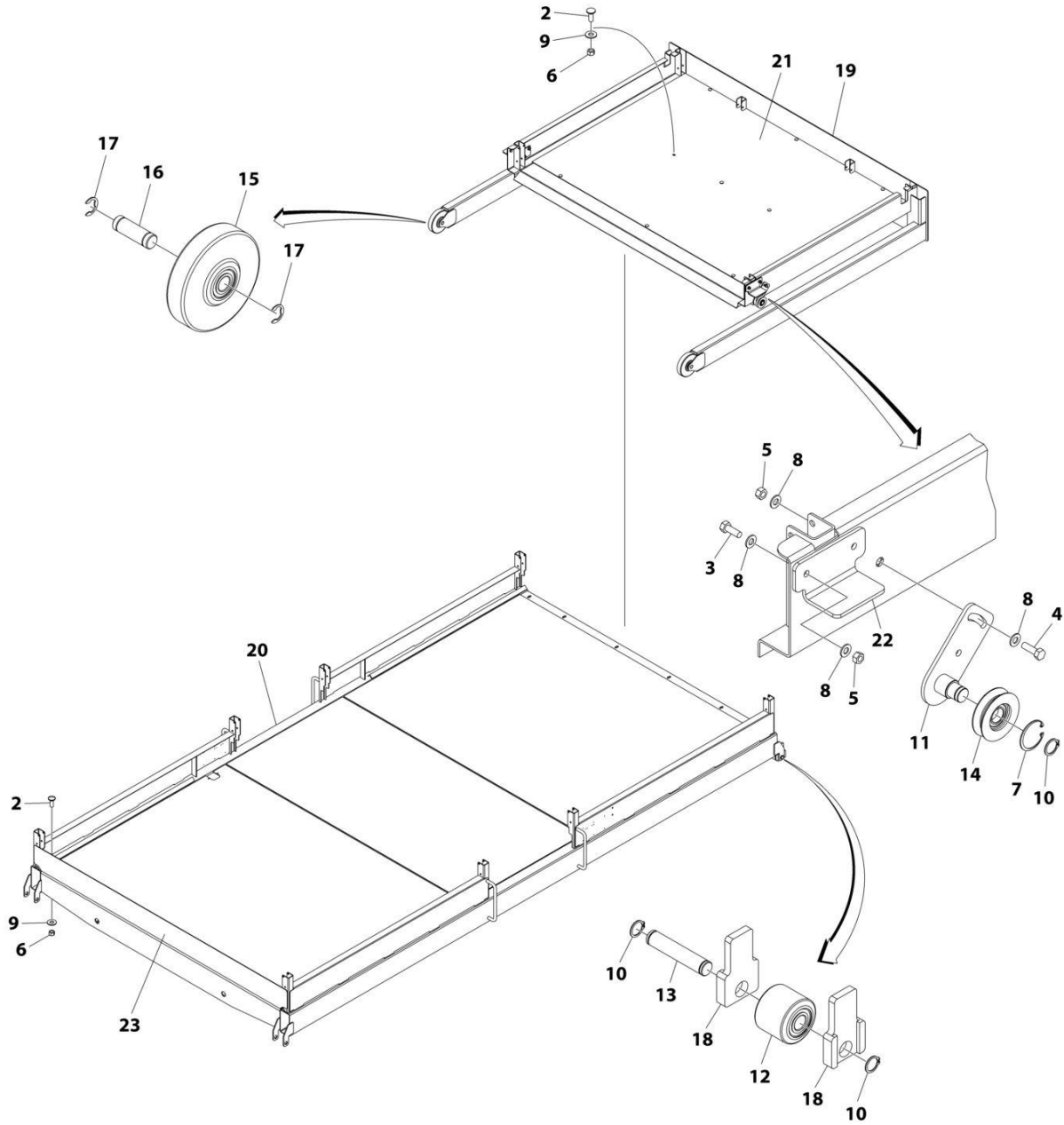
SECTION 5 - PLATFORM

FIGURE 5-1. LADDER INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001296715	Ref	LADDER INSTALLATION	A
1	0641609	8	Bolt 3/8 x 1-1/8	
2	3311605	8	Nut 3/8	
3	4751600	16	Washer 3/8	
4	1001273292	2	Ladder	

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FIGURE 5-2. PLATFORM WITH SINGLE EXTENTION INSTALLATION



ART_1001205640

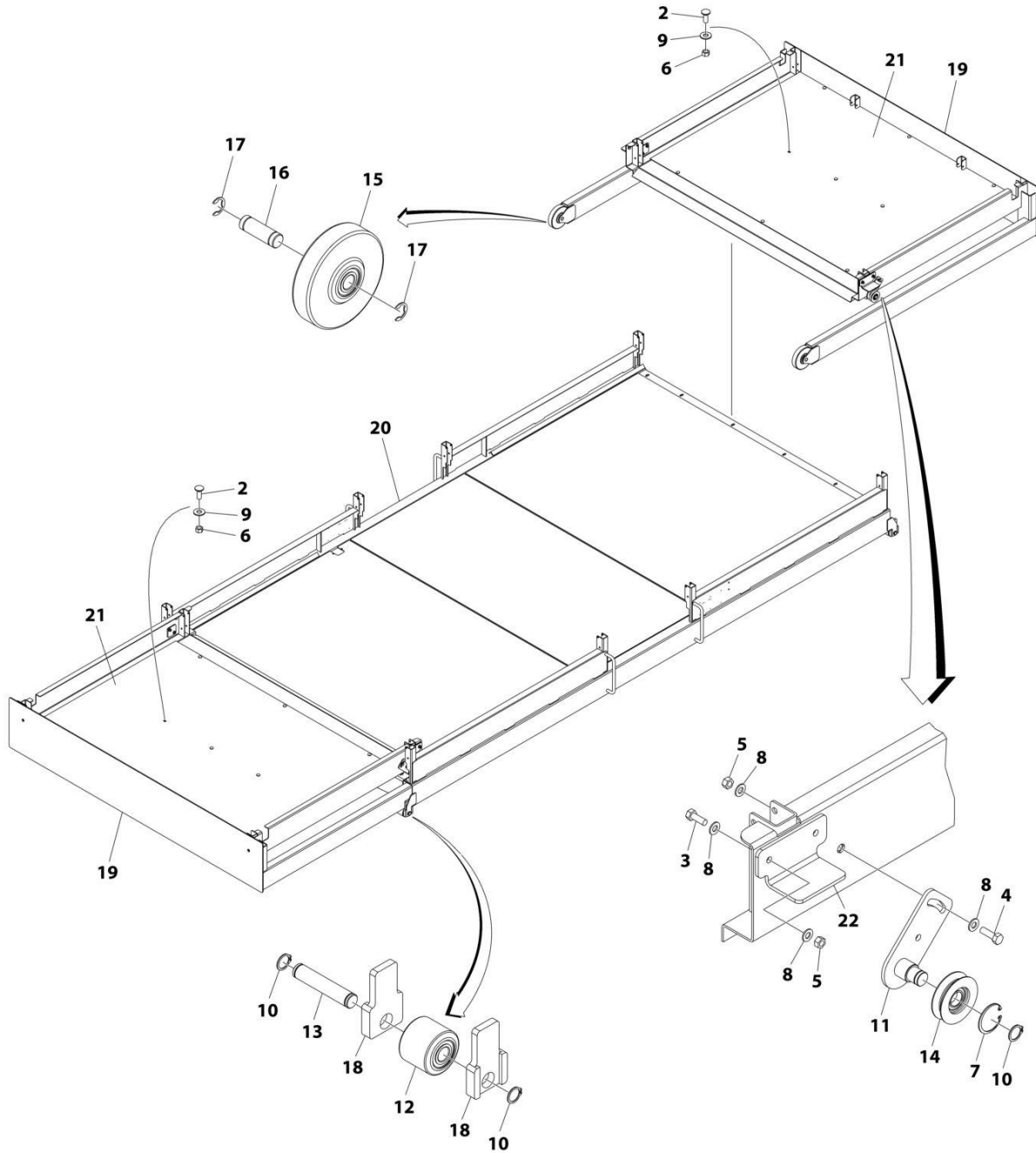
SECTION 5 - PLATFORM

FIGURE 5-2. PLATFORM WITH SINGLE EXTENTION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205640	Ref	PLATFORM WITH SINGLE EXTENSION INSTALLATION	H
2	0630485	15	Bolt	
3	0641507	4	Bolt 5/16 x 7/8	
4	0641508	4	Bolt 5/16 x 1	
5	3311505	8	Nut 5/16	
6	3311601	15	Nut 3/8	
7	3760257	2	Ring, Retaining	
8	4711500	16	Washer 5/16	
9	4751600	15	Washer 3/8	
10	1001149581	6	Ring, Retaining	
11	1001166729	2	Plate, Mounting	
12	1001167269	2	Roller	
13	1001210278	2	Pin	
14	1001167272	2	Roller	
15	1001167274	2	Roller	
16	1001167275	2	Pin	
17	1001167696	4	Clip	
18	1001215224	4	Bumper	
19	1001205642	1	Extension, Platform	
20	1001205643	1	Platform	
21	1001205765	1	Plate, Floor	
22	1001205896	2	Plate, Stop	
23	1001206182	1	Kickplate	

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FIGURE 5-3. PLATFORM WITH DUAL EXTENSION INSTALLATION



ART_1001205638

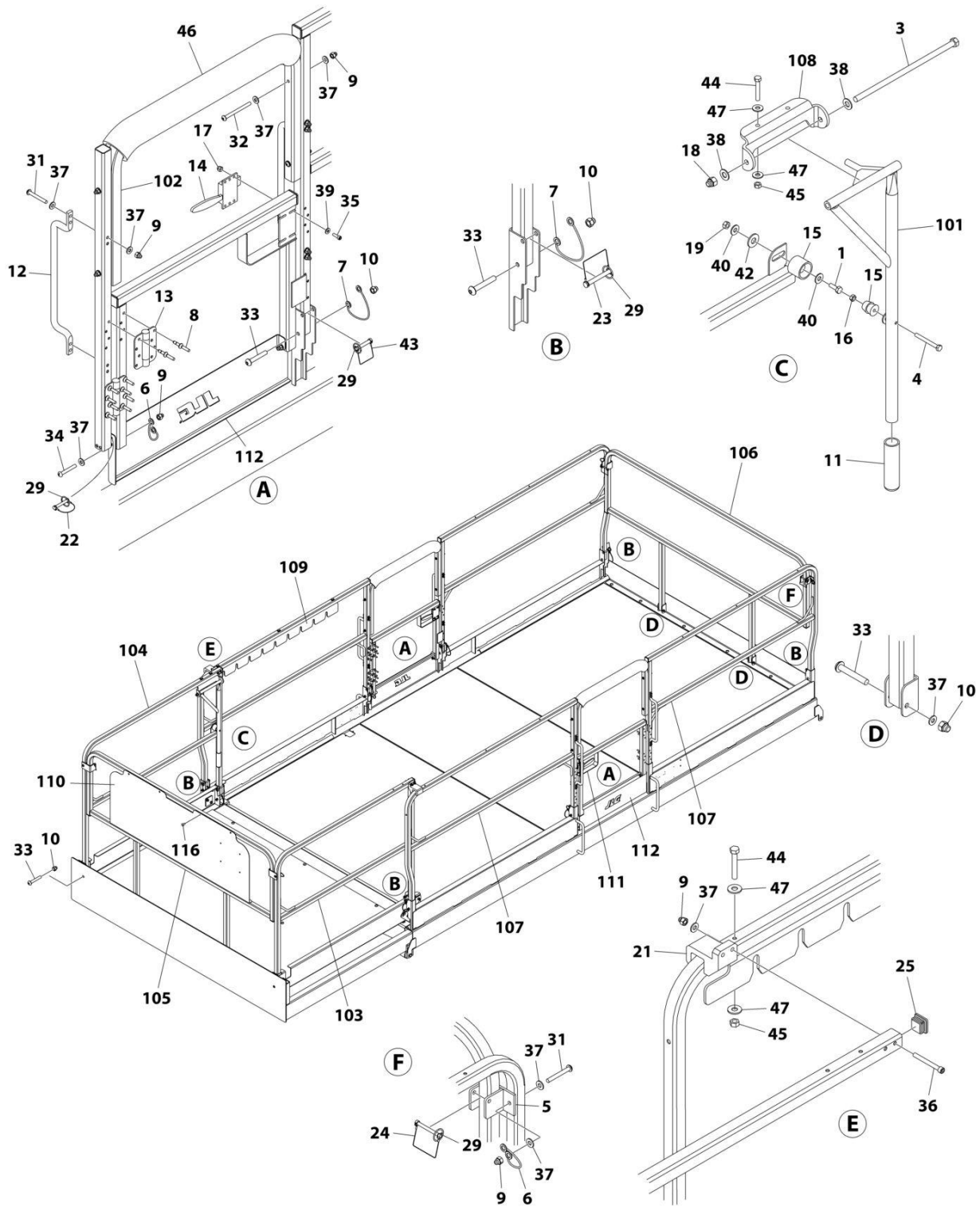
SECTION 5 - PLATFORM

FIGURE 5-3. PLATFORM WITH DUAL EXTENSION INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001205638	Ref	PLATFORM (12.6FT/3.84M LENGTH) WITH DUAL EXTENSION INSTALLATION	H
2	0630485	18	Bolt	
3	0641507	8	Bolt 5/16 x 7/8	
4	0641508	8	Bolt 5/16 x 1	
5	3311505	16	Nut 5/16	
6	3311601	18	Nut 3/8	
7	3760257	4	Ring, Retaining	
8	4711500	32	Washer 5/16	
9	4751600	18	Washer 3/8	
10	1001149581	12	Ring, Retaining	
11	1001166729	4	Plate, Mounting	
12	1001167269	4	Roller	
13	1001210278	4	Pin	
14	1001167272	4	Roller	
15	1001167274	4	Roller	
16	1001167275	4	Pin	
17	1001167696	8	Clip	
18	1001215224	8	Bumper	
19	1001205642	2	Extension, Platform	
20	1001205643	1	Platform	
21	1001205765	2	Plate, Floor	
22	1001205896	4	Plate, Stop	

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FIGURE 5-4. RAIL INSTALLATION - PLATFORM WITH SINGLE EXTENSION



ART_1001206190

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FIGURE 5-4. RAIL INSTALLATION - PLATFORM WITH SINGLE EXTENSION

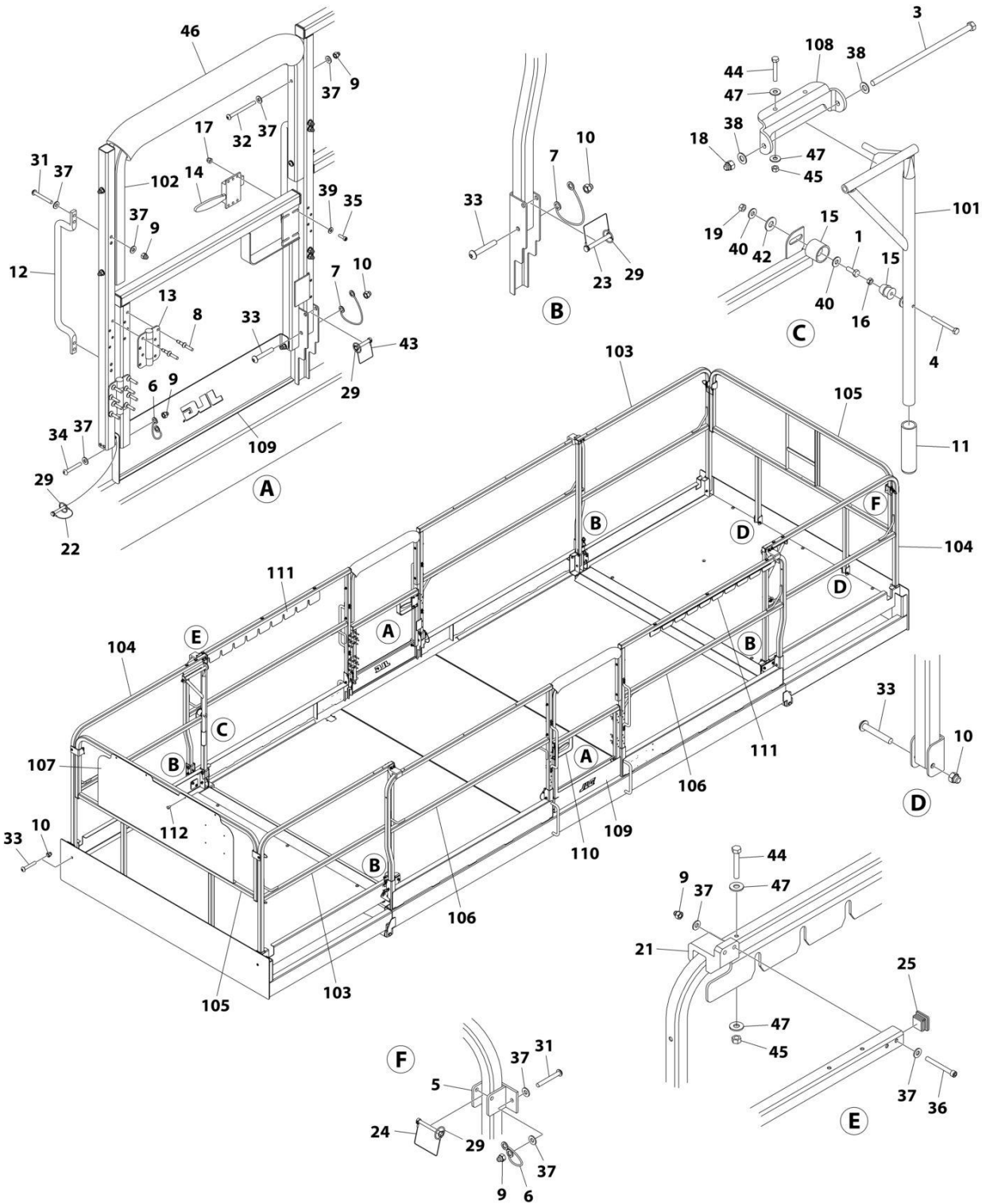
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206190	Ref	RAIL INSTALLATION - PLATFORM WITH SINGLE EXTENSION	F
1	0641406	1	Bolt 1/4 x 3/4	
3	0641676	1	Bolt 3/8 x 9-1/2	
4	0700619	1	Bolt M6 x 55	
5	0901870	4	Bracket	
6	1060379	6	Lanyard	
7	1060808	10	Lanyard	
8	2080040	32	Fastener	
9	2080063	36	Nut 1/4	
10	2080064	16	Nut 5/16	
11	2560088	1	Grip, Handle	
12	2560176	4	Handle	
13	2600285	4	Hinge	
14	2940074	2	Latch	
15	2940127	1	Latch	
16	3290601	1	Nut M6	
17	3300432	8	Nut #10	
18	3300467	1	Nut 3/8	
19	3311405	1	Nut 1/4	
21	3340937	2	Pad, Rail Slide	
22	3421453	2	Pin, Snap	
23	3421565	6	Pin, Snap	
24	3422219	4	Pin, Snap	
25	3520072	14	Plug	
29	3760170	16	Ring, Split	
31	3900318	20	Screw 1/4 x 2	
32	3900319	8	Screw 1/4 x 3	
33	3900323	16	Screw 5/16 x 2	
34	3911428	4	Screw 1/4 x 1-3/4	
35	3931010	8	Capscrew #10 x 5/8	
36	3931436	4	Capscrew 1/4 x 2-1/4	
37	4711400	70	Washer 1/4	
38	4711600	2	Washer 3/8	
39	4751000	8	Washer #10	
40	4751400	2	Washer 1/4	
42	4751600	1	Washer 3/8	
43	1001145292	4	Pin, Snap	
44	0641516	5	Bolt 5/16 x 2	
45	3311505	5	Nut 5/16	
46	3340612	36 in/ 90cm	Cover	
47	4751500	10	Washer 5/16	
100	1001206065	1	Rail Kit (Not Shown)	
101	2560172	1	Handle (RH)	
102	3641452	2	Rail, Door	
103	4846532	1	Rail, Extension (LH)	
104	4846537	1	Rail, Extension (RH)	
105	1001167055	1	Rail, Extension (Front)	
106	1001167058	1	Rail (Rear)	
107	1001213495	4	Rail	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
108	3537609	1	Plate, Pivot	
109	1001206025	1	Plate, Latch	
110	3571862	1	Plate, Placard	
111	4846570	2	Gate	
112	3573472	2	Kickplate	
116	3820020	7	Rivet	

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FIGURE 5-5. RAIL INSTALLATION - PLATFORM WITH DUAL EXTENSION



ART_1001206097

SECTION 5 - PLATFORM

FIGURE 5-5. RAIL INSTALLATION - PLATFORM WITH DUAL EXTENSION

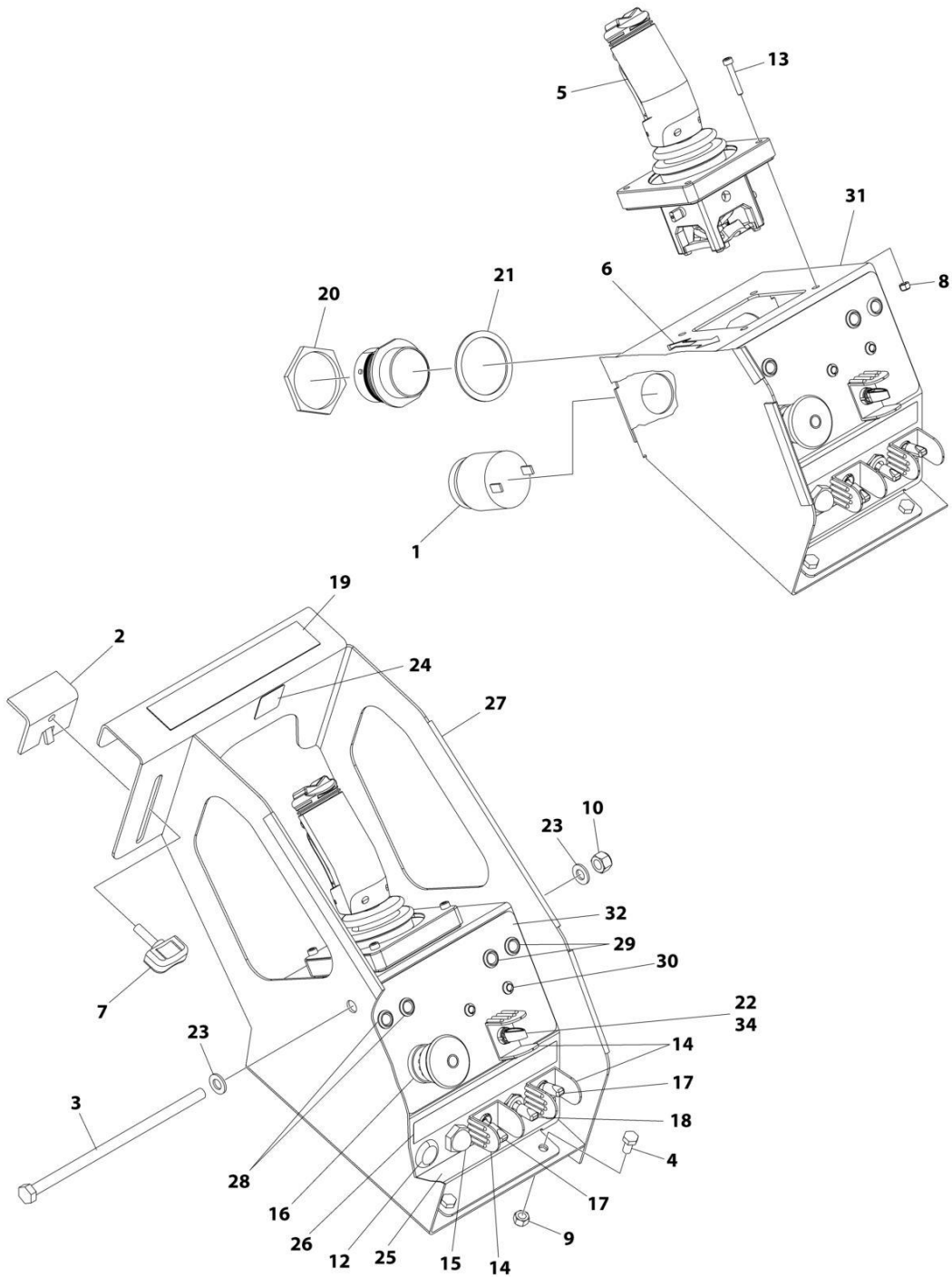
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206097	Ref	RAIL INSTALLATION - 12.6FT/3.84M LENGTH PLATFORM WITH DUAL EXTENSION	E
1	0641406	2	Bolt 1/4 x 3/4	
3	0641676	2	Bolt 3/8 x 9-1/2	
4	0700619	2	Bolt M6 x 55	
5	0901870	4	Bracket	
6	1060379	6	Lanyard	
7	1060808	12	Lanyard	
8	2080040	32	Fastener	
9	2080063	40	Nut 1/4	
10	2080064	20	Nut 5/16	
11	2560088	2	Grip, Handle	
12	2560176	4	Handle	
13	2600285	4	Hinge	
14	2940074	2	Latch	
15	2940127	2	Latch	
16	3290601	2	Nut M6	
17	3300432	8	Nut #10	
18	3300467	2	Nut 3/8	
19	3311405	2	Nut 1/4	
21	3340937	4	Pad, Rail Slide	
22	3421453	2	Pin, Snap	
23	3421565	8	Pin, Snap	
24	3422219	4	Pin, Snap	
25	3520072	16	Plug	
29	3760170	18	Ring, Split	
31	3900318	20	Screw 1/4 x 2	
32	3900319	8	Screw 1/4 x 3	
33	3900323	20	Screw 5/16 x 2	
34	3911428	4	Screw 1/4 x 1-3/4	
35	3931010	8	Capscrew #10 x 5/8	
36	3931436	8	Capscrew 1/4 x 2-1/4	
37	4711400	78	Washer 1/4	
38	4711600	4	Washer 3/8	
39	4751000	8	Washer #10	
40	4751400	4	Washer 1/4	
42	4751600	2	Washer 3/8	
43	1001145292	4	Pin, Snap	
44	0641516	10	Bolt 5/16 x 2	
45	3311505	10	Nut 5/16	
46	3340612	36 in/ 90cm	Cover	
47	4751500	20	Washer 5/16	
100	1001206009	1	Rail Kit (Not Shown)	
101	2560172	2	Handle (RH)	
102	3641452	2	Rail, Door	
103	4846532	2	Rail, Extension (LH)	
104	4846537	2	Rail, Extension (RH)	
105	1001167055	2	Rail, Extension (Front)	
106	1001213495	4	Rail	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
107	3571862	1	Plate, Placard	
108	3537609	2	Plate, Pivot	
109	3573472	2	Kickplate	
110	4846570	2	Gate	
111	1001206025	2	Plate, Latch	
112	3820020	7	Rivet	

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FIGURE 5-6. PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES



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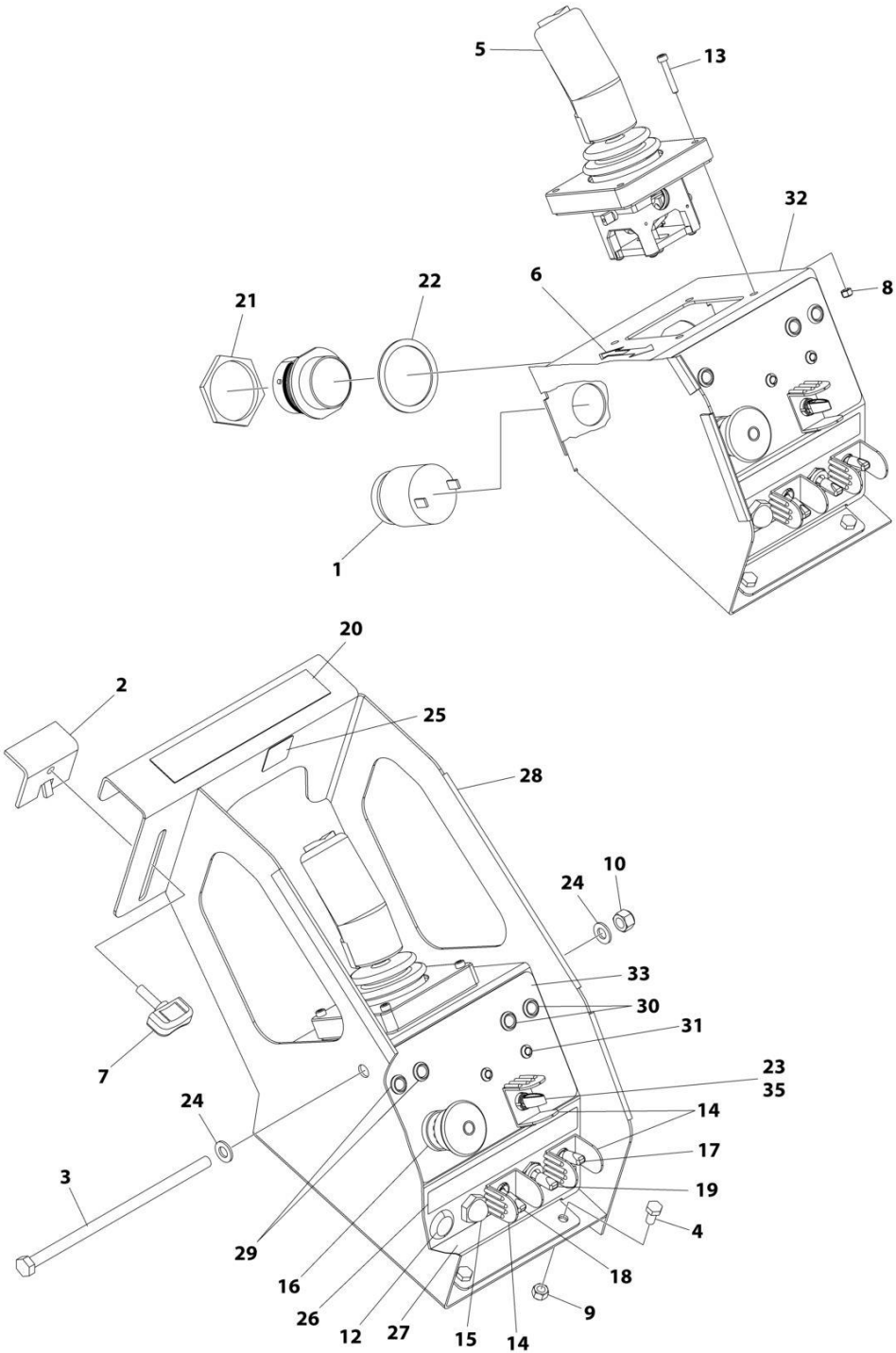
SECTION 5 - PLATFORM

FIGURE 5-6. PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241363	Ref	PLATFORM CONSOLE BOX INSTALLATION - DIESEL MACHINES	F
1	0140030	1	Alarm	
2	0181847	1	Angle, Clamp	
3	0700835	1	Bolt M8 x 180	
4	0760606	3	Bolt M6 x 12	
5	1001247682	1	Drive/Steer Controller Assembly (See Separate Breakdown in this Section)	
6	1703819	1	Decal - Direction Arrow	
7	2560141	1	Thumbscrew	
8	3290405	4	Nut M4	
9	3290605	3	Nut M6	
10	3290805	1	Nut M8	
12	1001226421	1	Plug	
13	4031509	4	Capscrew M4 x 25	
14	4060802	3	Guard, Switch	
15	4360387	1	Switch, Push Button	
16	1001274559	1	Switch, Emergency Stop (Plastic)	
16	4360475	1	Switch, Emergency Stop (Metal)	
16	7020175	1	Cap	
16	7020176	1	Block, Contact	
17	4360483	2	Switch, Toggle	
18	4360525	1	Switch, Toggle	
19	4420076	3	Tape	
20	4460470	1	Nut, Terminal	
21	4460471	1	Washer, Terminal	
22	4711700	2	Washer 7/16	
23	4811900	2	Washer M8	
24	1001132358	1	Decal - Steer	
25	1001181622	1	Decal - Platform Diesel	
26	1001181623	1	Decal - Platform Diesel	
27	1001190270	1	Bracket	
28	1001190472	2	Lamp, LED with Harness	
29	1001190473	2	Lamp, LED with Harness	
30	1001190474	2	Lamp, LED with Harness	
31	1001235922	1	Plate	
32	1001236199	1	Decal - Platform Function	
33	1001236230	1	Platform Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
34	1001236560	1	Switch, Toggle	

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FIGURE 5-7. PLATFORM CONSOLE BOX INSTALLATION - GASOLINE MACHINES



ART_1001241364_F

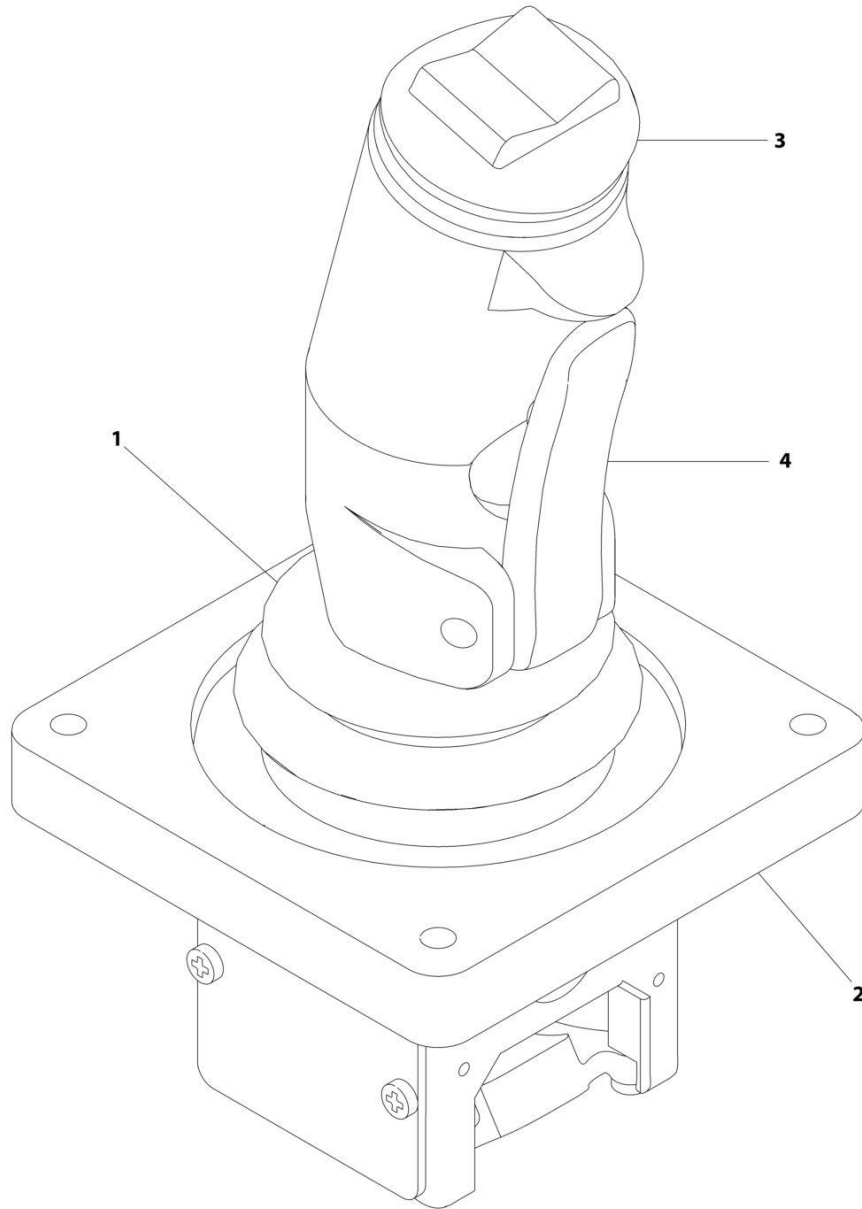
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FIGURE 5-7. PLATFORM CONSOLE BOX INSTALLATION - GASOLINE MACHINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001241364	Ref	PLATFORM CONSOLE BOX INSTALLATION - GASOLINE MACHINES	F
1	0140030	1	Alarm	
2	0181847	1	Angle, Clamp	
3	0700835	1	Bolt M8 x 180	
4	0760606	3	Bolt M6 x 12	
5	1001247682	1	Drive/Steer Controller Assembly (See Separate Breakdown in this Section)	
6	1703819	1	Decal - Direction Arrow	
7	2560141	1	Thumbscrew	
8	3290405	4	Nut M4	
9	3290605	3	Nut M6	
10	3290805	1	Nut M8	
12	1001226421	1	Plug	
13	4031509	4	Capscrew M4 x 25	
14	4060802	3	Guard, Switch	
15	4360387	1	Switch, Push Button	
16	1001274559	1	Switch, Emergency Stop (Plastic)	
16	4360475	1	Switch, Emergency Stop (Metal)	
16	7020175	1	Cap	
16	7020176	1	Block, Contact	
17	4360482	1	Switch, Toggle	
18	4360483	1	Switch, Toggle	
19	4360525	1	Switch, Toggle	
20	4420076	3	Tape	
21	4460470	1	Nut, Terminal	
22	4460471	1	Washer, Terminal	
23	4711700	2	Washer 7/16	
24	4811900	2	Washer M8	
25	1001132358	1	Decal - Steer	
26	1001181626	1	Decal - Platform Dual Fuel	
27	1001181627	1	Decal - Platform Dual Fuel	
28	1001190270	1	Bracket	
29	1001190472	2	Lamp, LED with Harness	
30	1001190473	2	Lamp, LED with Harness	
31	1001190474	2	Lamp, LED with Harness	
32	1001235922	1	Plate	
33	1001236199	1	Decal - Platform Function	
34	1001236230	1	Platform Box Harness (Not Shown - See Separate Breakdown in ELECTRICAL Section)	
35	1001236560	1	Switch, Toggle	

SECTION 5 - PLATFORM

FIGURE 5-8. CONTROLLER ASSEMBLY



ART_1001247682

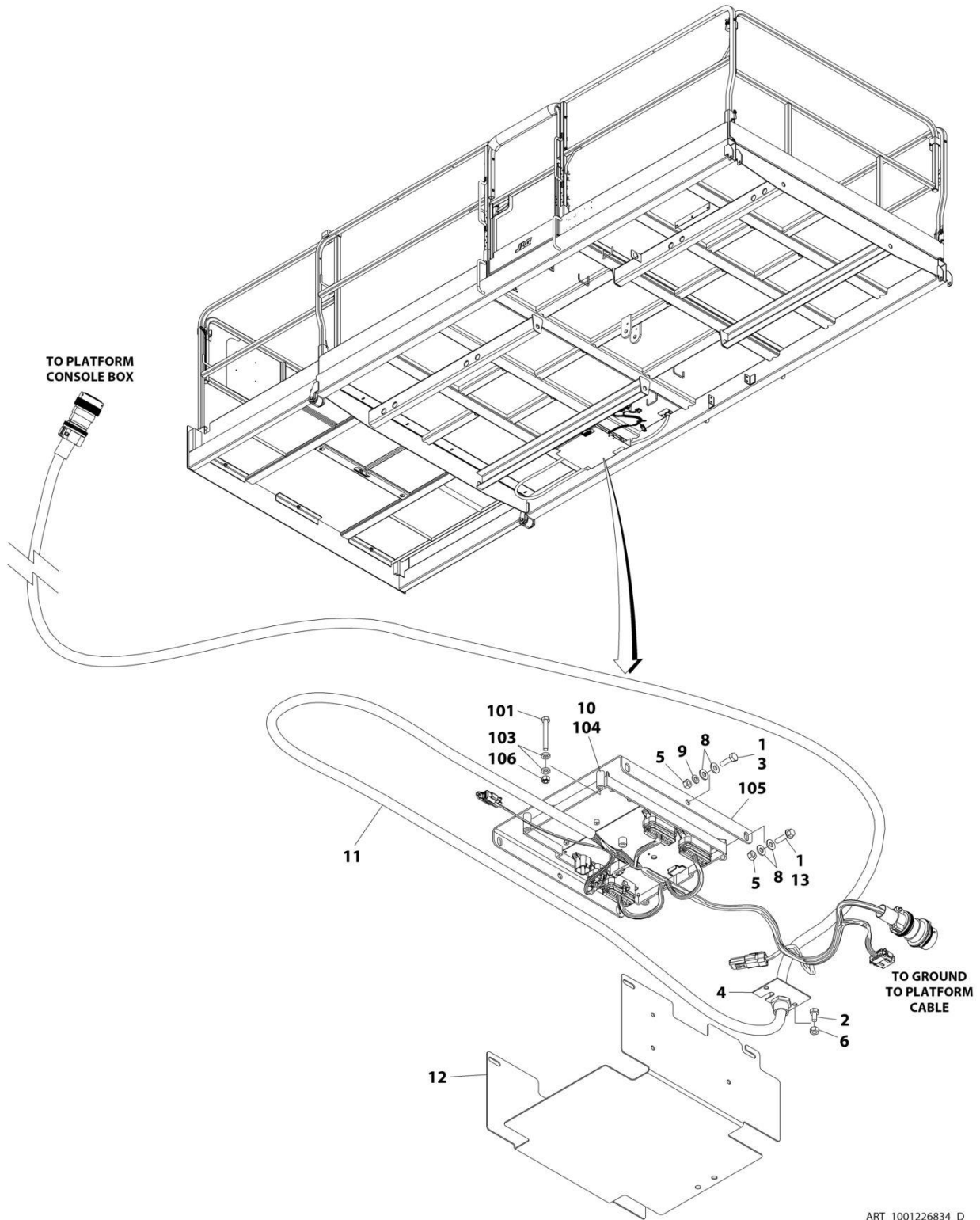
SECTION 5 - PLATFORM

FIGURE 5-8. CONTROLLER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001247682	Ref	DRIVE/STEER CONTROLLER ASSEMBLY (LCD)	B
1	70001250	1	Boot, Panel	
2	70001252	1	Gasket, Mounting	
2	70001251	1	Bezel, Mounting	
3	70007506	1	Handle Repair Kit (Includes handle gasket, item#4 push button and item #4 lever installed in front handle half, back handle half, top actuator, boot and hardware.)	
3	70000084	1	Cap, Rubber	
3	70000082	1	Microswitch	
3	7027766	1	Ring, Retaining	
3	7027365	1	Actuator, Handle	
3	70001253	1	Gasket, Handle	
3	70000683	4	Washer, Neoprene	
3	70000685	2	Spacer, Plastic	
3	70000686	2	Screw (Top)	
3	70000684	2	Screw (Bottom)	
4	7027367	1	Switch, Push Button	
4	7027765	1	Lever, Enable	

SECTION 5 - PLATFORM

FIGURE 5-9. PLATFORM MODULE INSTALLATION



ART_1001226834_D

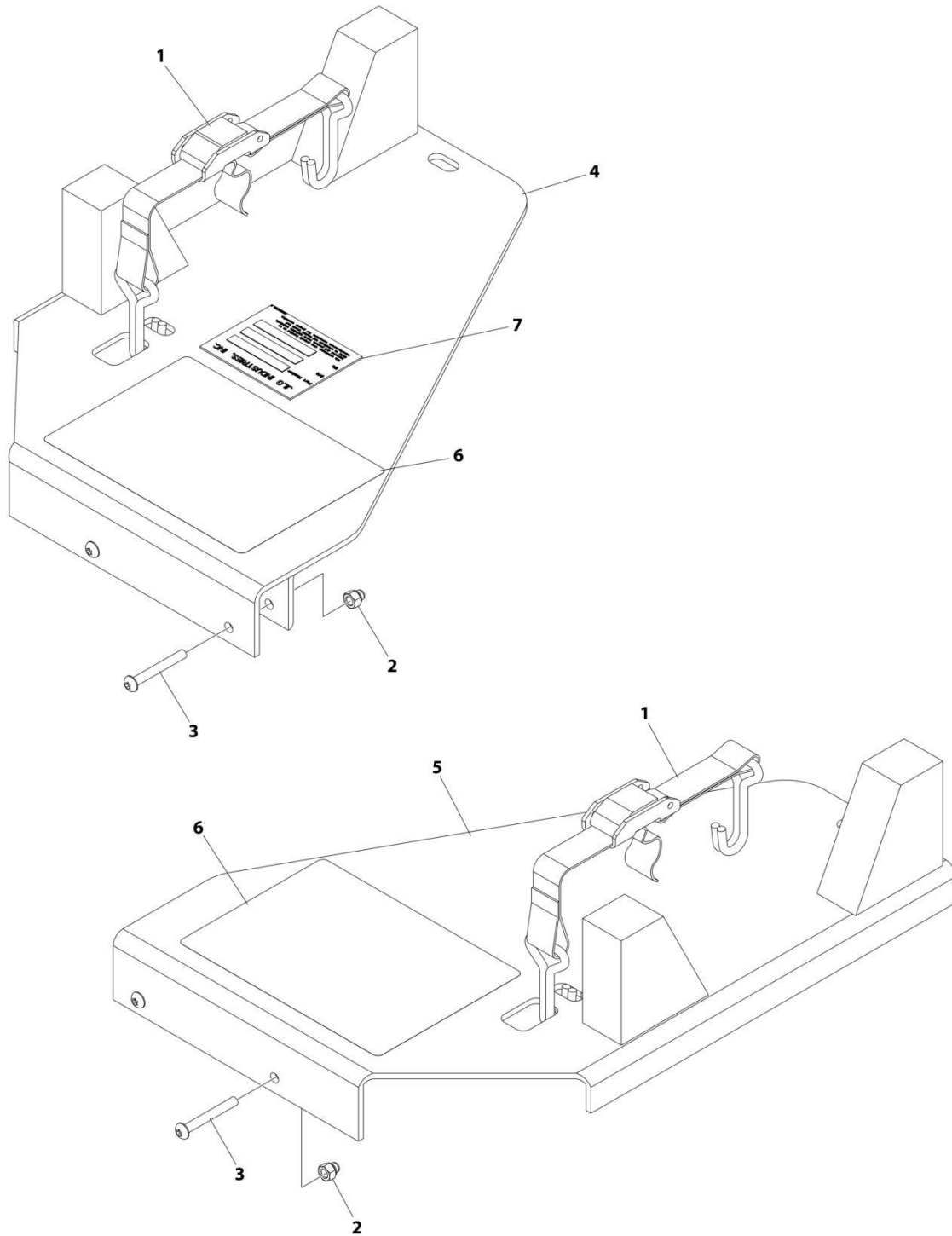
SECTION 5 - PLATFORM

FIGURE 5-9. PLATFORM MODULE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226834	Ref	PLATFORM MODULE INSTALLATION (LSS)	D
1	0100011	AR	Compound, Locking	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641407	2	Bolt 1/4 x 7/8	
4	1670988	1	Cover	
5	3311401	AR	Nut 1/4	
6	3311405	AR	Nut 1/4	
7	4240033	AR	Tie-Strap (Not Shown)	
8	4711400	8	Washer 1/4	
9	4761400	AR	Washer 1/4	
10	1001206832	1	Control Module Assembly (See Items 101-106 for Breakdown)	
11	1001236163	1	Platform Module Harness (See Separate Breakdown in ELECTRICAL SECTION)	
12	1001223646	1	Cover	
13	0791408	4	Screw 1/4 x 1	
	1001206832	Ref	CONTROL MODULE ASSEMBLY	C
101	0760618	4	Bolt M6 x 50	
103	5240600	8	Washer M6	
104	1001235098	1	Module, Control - Platform (Note: Re-calibration Required when Replaced)	
105	1001194115	1	Bracket	
106	3290605	4	Nut M6	

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FIGURE 5-10. PIPE RACK INSTALLATION



ART_1001273290

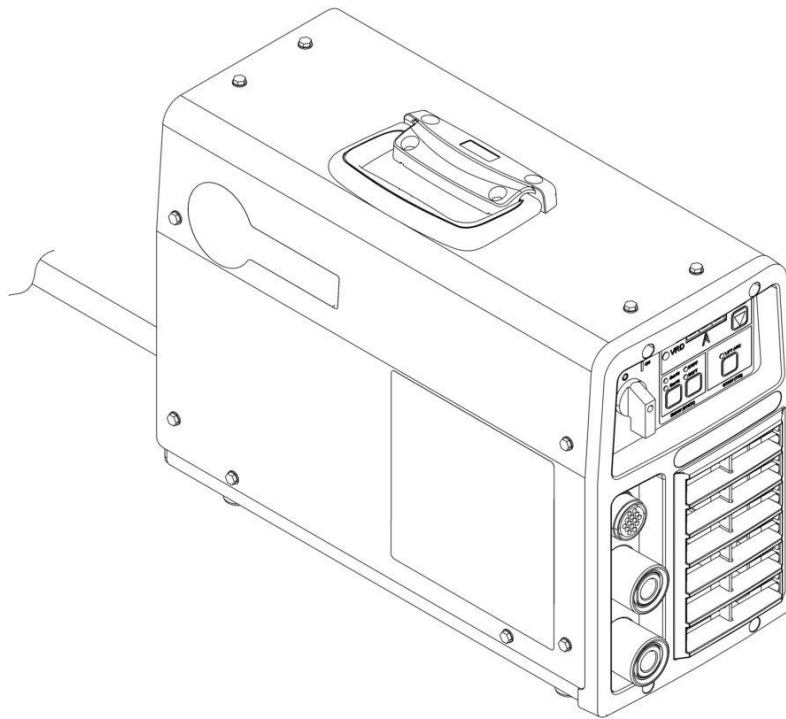
SECTION 5 - PLATFORM

FIGURE 5-10. PIPE RACK INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001273290	Ref	PIPE RACK INSTALLATION	B
1	0480100	2	Belt, Tie Down	
2	2080063	4	Nut 1/4	
3	3900318	4	Screw 1/4 x 2	
4	4845441	1	Support, Pipe Rack	
5	4845442	1	Support, Pipe Rack	
6	1001293137	2	Decal - Pipe Rack Capacity	
7	See Note	NSS	Decal - Accessory (Note: Not Available for Purchase)	

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FIGURE 5-11. WELDER ASSEMBLY



ART_1001268820

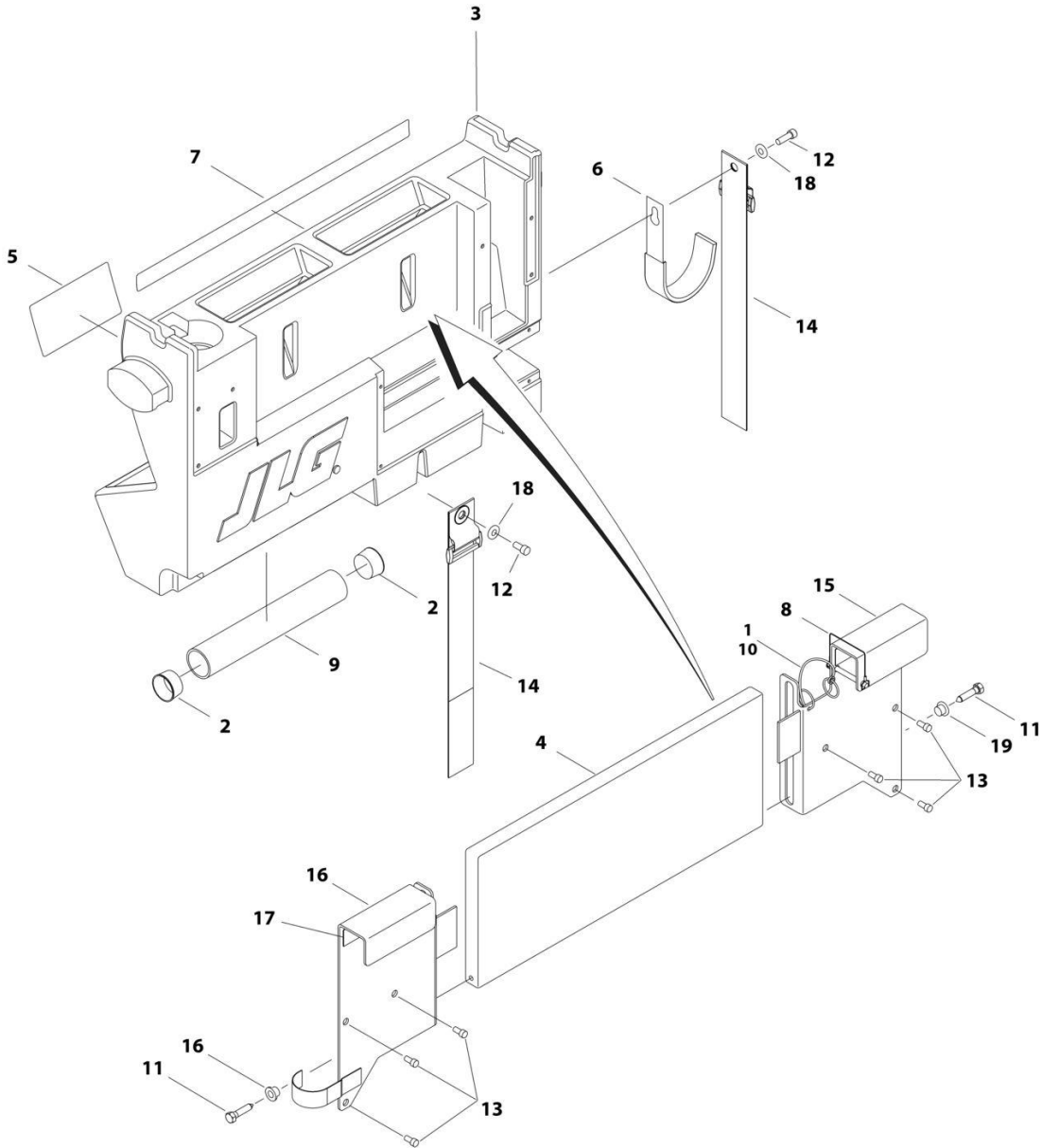
SECTION 5 - PLATFORM

FIGURE 5-11. WELDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268820	1 Ref	WELDER ASSEMBLY Note: No Service Parts available at time of Printing.	B

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FIGURE 5-12. WORKSTATION INSTALLATION (OPTIONAL)



ART_0274260_C

SECTION 5 - PLATFORM

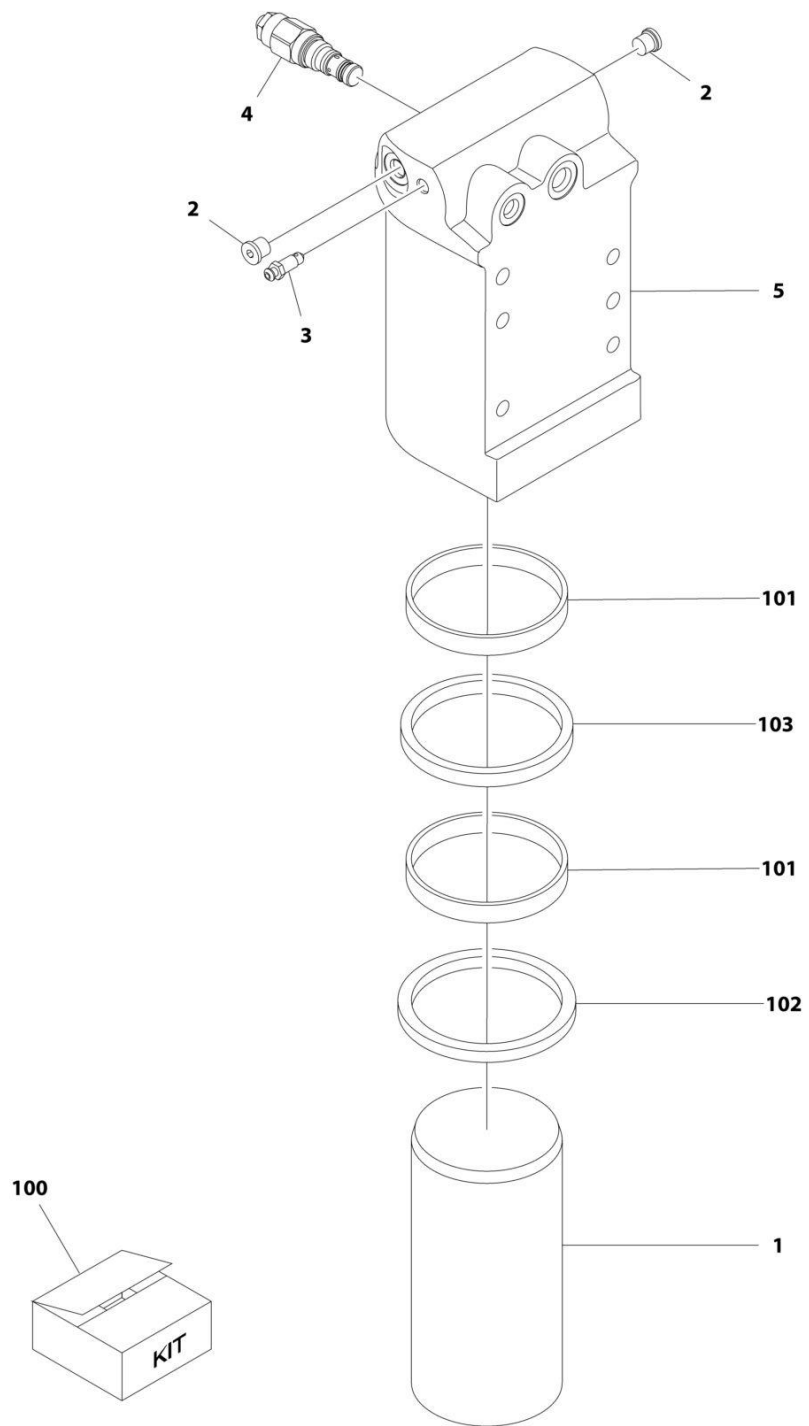
FIGURE 5-12. WORKSTATION INSTALLATION (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0274260	Ref	WORKSTATION INSTALLATION - REFERENCE CHART	C
	1001246392	Ref	WORKSTATION INSTALLATION (OPTIONAL)	B
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	1001246395	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

SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY



ART_1001163580

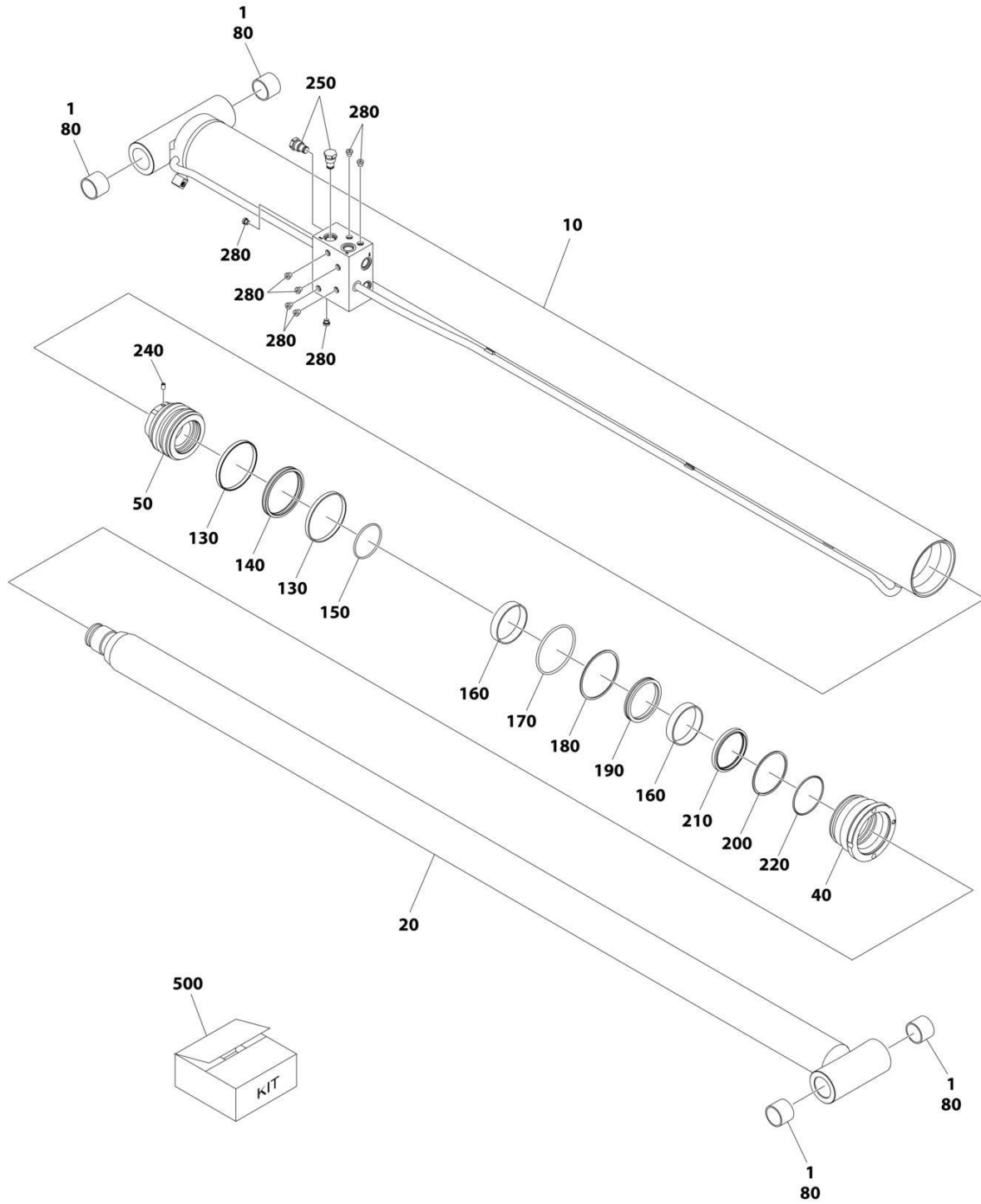
SECTION 6 - CYLINDER

FIGURE 6-1. AXLE LOCKOUT CYLINDER ASSEMBLY

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

SECTION 6 - CYLINDER

FIGURE 6-2. LOWER LIFT CYLINDER



ART_1001268211

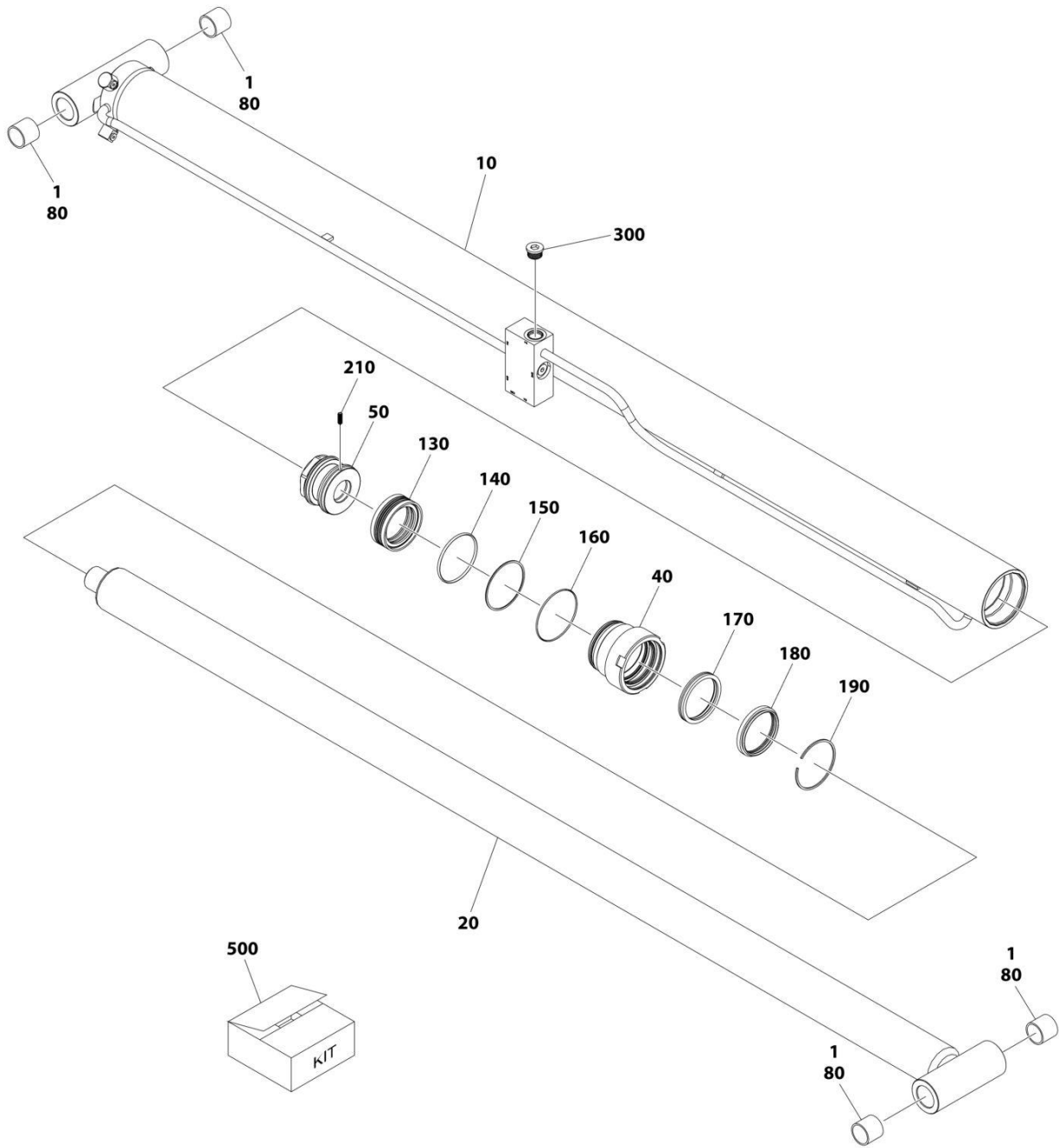
SECTION 6 - CYLINDER

FIGURE 6-2. LOWER LIFT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268211	Ref	CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
10	See Note	NSS	Barrel (Note: Use PN 1001268211)	
20	70008588	1	Rod	
40	70008589	1	Head	
50	70025601	1	Piston	
80	70007735	4	Bushing	
130	See Note	NSS	Ring, Piston (Note: Use Item 500)	
140	See Note	NSS	Seal, Piston (Note: Use Item 500)	
150	See Note	NSS	O-Ring (Note: Use Item 500)	
160	See Note	NSS	Ring, Wear (Note: Use Item 500)	
170	See Note	NSS	O-Ring (Note: Use Item 500)	
180	See Note	NSS	Ring, Backup (Note: Use Item 500)	
190	See Note	NSS	Seal, Head (Note: Use Item 500)	
200	See Note	NSS	O-Ring (Note: Use Item 500)	
210	See Note	NSS	Wiper (Note: Use Item 500)	
220	70000699	1	Ring, Retaining	
240	70025605	1	Set Screw M8 x 16	
250	1001132208	2	Valve, Check	
280	70025961	8	Plug	
340	70008590	1	Orifice	
500	70008591	1	Kit, Seal - 1001268211 Cylinder (Include Items 130-210)	

SECTION 6 - CYLINDER

FIGURE 6-3. UPPER LIFT CYLINDER



ART_1001268210

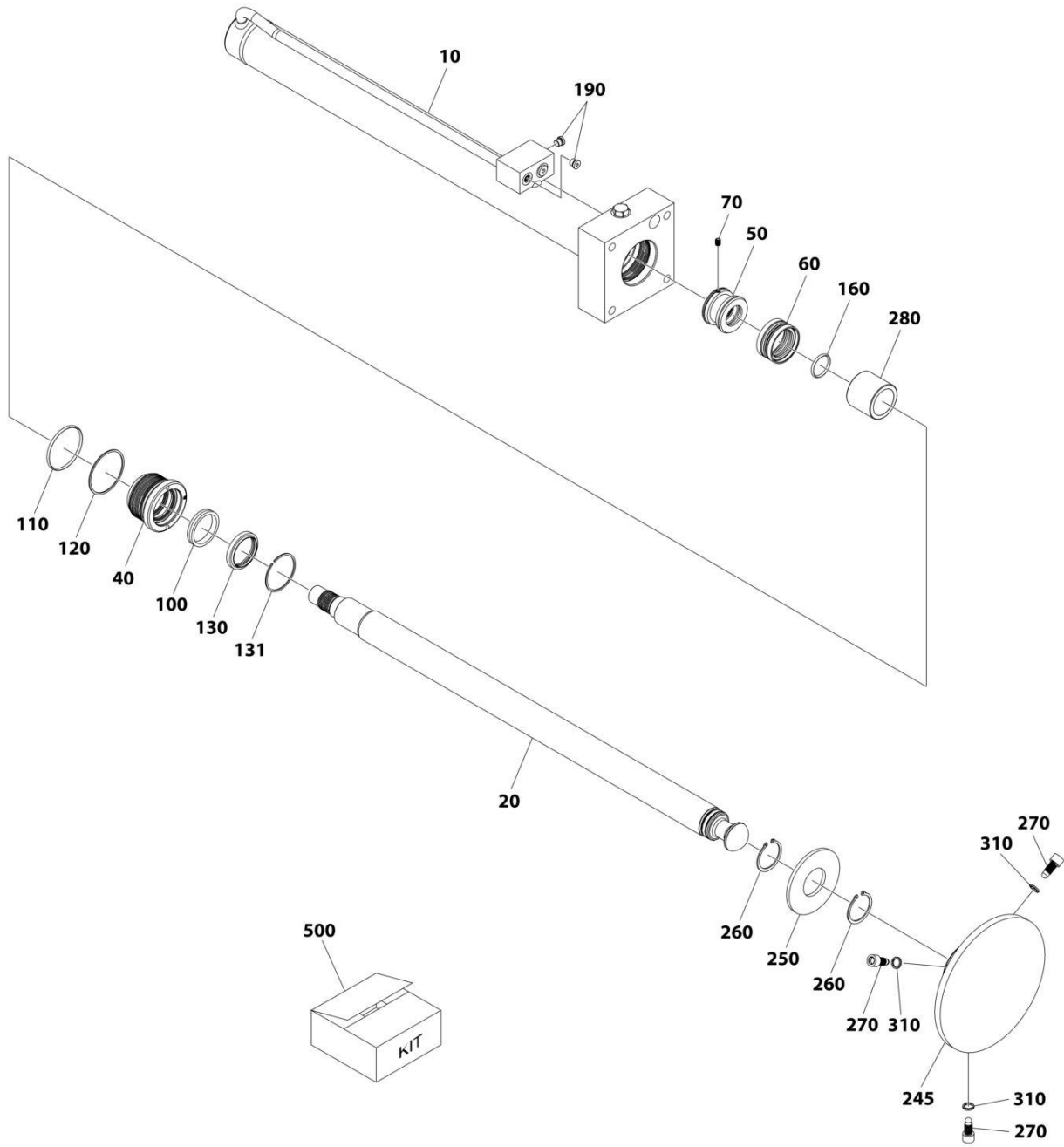
SECTION 6 - CYLINDER

FIGURE 6-3. UPPER LIFT CYLINDER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001268210	Ref	CYLINDER ASSEMBLY	A
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	0962272	4	Bushing	
10	See Note	NSS	Barrel (Note: Use PN 1001268210)	
20	70008583	1	Rod	
40	70008584	1	Head	
50	70000764	1	Piston	
80	70007723	NLA	Bushing (Use PN 0962272)	
130	See Note	NSS	Seal (Note: Use Item 500)	
140	See Note	NSS	O-Ring (Note: Use Item 500)	
150	See Note	NSS	Ring, Backup (Note: Use Item 500)	
160	See Note	NSS	O-Ring (Note: Use Item 500)	
170	See Note	NSS	Seal (Note: Use Item 500)	
180	See Note	NSS	Wiper (Note: Use Item 500)	
190	70008585	1	Ring, Retaining	
210	70006319	1	Set Screw M8 x 25	
300	70008586	1	Orifice	
500	70008587	1	Kit, Seal - 1001268210 Cylinder (Include Items 130-180)	

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FIGURE 6-4. LEVELING JACK CYLINDER ASSEMBLY



ART_1001266742

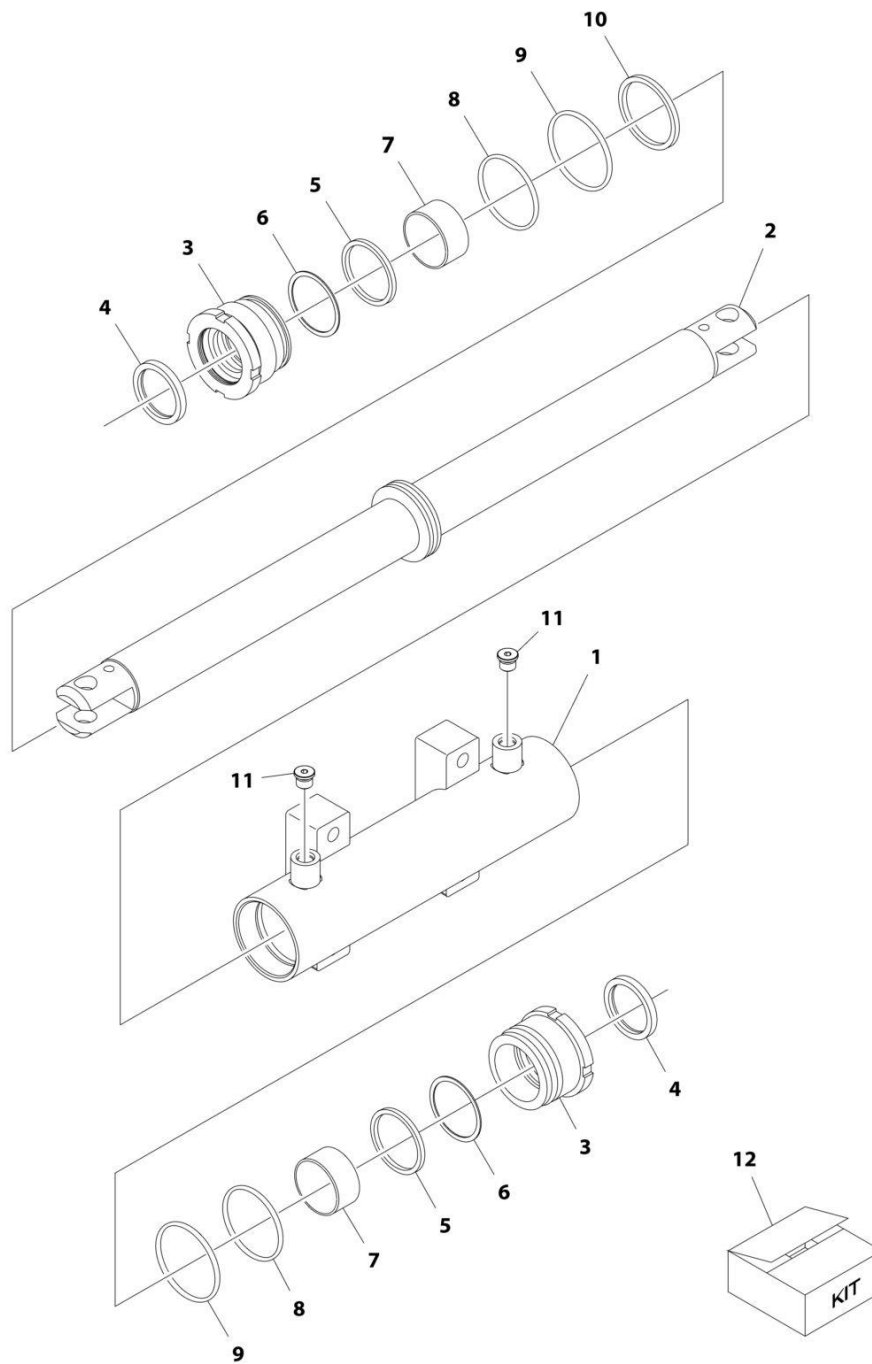
SECTION 6 - CYLINDER

FIGURE 6-4. LEVELING JACK CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001266742	Ref	CYLINDER ASSEMBLY	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
10	See Note	NSS	Barrel (Note: Use PN 1001266742)	
20	See Note	NSS	Rod (Note: Use PN 1001266742)	
40	70008630	1	Head	
50	70008631	1	Piston	
60	See Note	NSS	Seal (Note: Use Item 500)	
70	70027088	1	Setscrew M8 x 12	
100	See Note	NSS	Seal, Rod (Note: Use Item 500)	
110	See Note	NSS	O-Ring (Note: Use Item 500)	
120	See Note	NSS	Ring, Backup (Note: Use Item 500)	
130	See Note	NSS	Wiper (Note: Use Item 500)	
131	70023101	1	Ring, Retaining	
160	See Note	NSS	O-Ring (Note: Use Item 500)	
190	70025619	2	Plug	
245	70008632	1	Pad	
250	70003821	1	Plate	
260	70003822	2	Circlip	
270	70003823	3	Capscrew M12 x 29	
280	70008633	1	Spacer	
310	70003825	3	Washer M12	
500	70008634	1	Kit, Seal (Includes Items 60, 100, 110, 120, 130 & 160)	

SECTION 6 - CYLINDER

FIGURE 6-5. STEER CYLINDER ASSEMBLY



ART_1001163178

SECTION 6 - CYLINDER

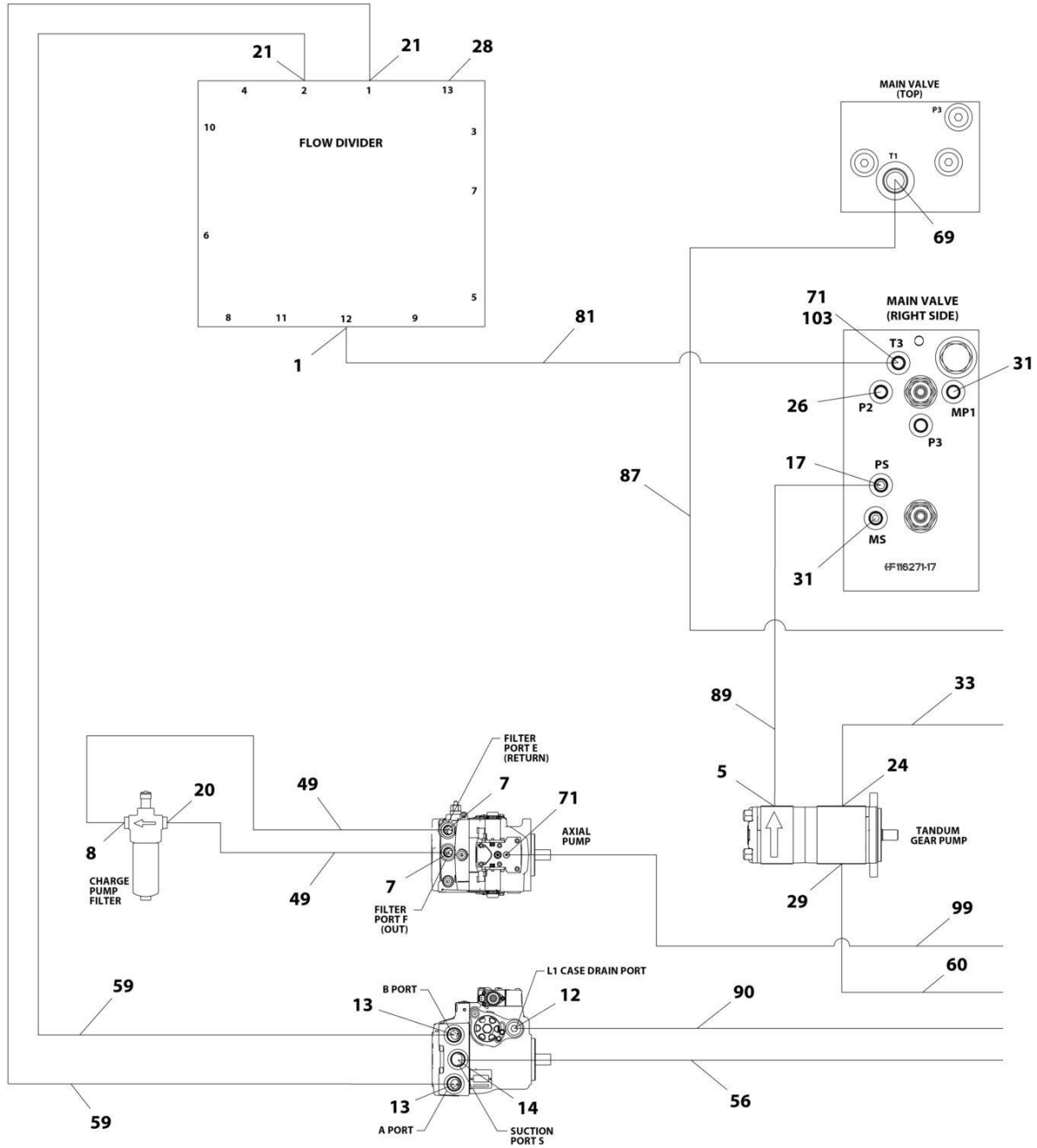
FIGURE 6-5. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001163178	Ref	STEER CYLINDER ASSEMBLY	E
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1	70005150	1	Barrel	
2	70005151	1	Rod	
3	70005152	2	Head	
4	See Note	NSS	Wiper (Note: Use Item 12)	
5	See Note	NSS	Seal, Rod (Note: Use Item 12)	
6	See Note	NSS	Ring, Back-up (Note: Use Item 12)	
7	70005153	2	Bearing, Dry	
8	See Note	NSS	O-Ring (Note: Use Item 12)	
9	See Note	NSS	O-Ring (Note: Use Item 12)	
10	See Note	NSS	Seal, Piston (Note: Use Item 12)	
11	See Note	2	Plug 9/16 (Note: Not Available for Purchase)	
12	70005154	1	Seal Kit - 1001163178 Cylinder (Includes Items 4-6 & 8-10)	

SECTION 7 - HYDRAULIC

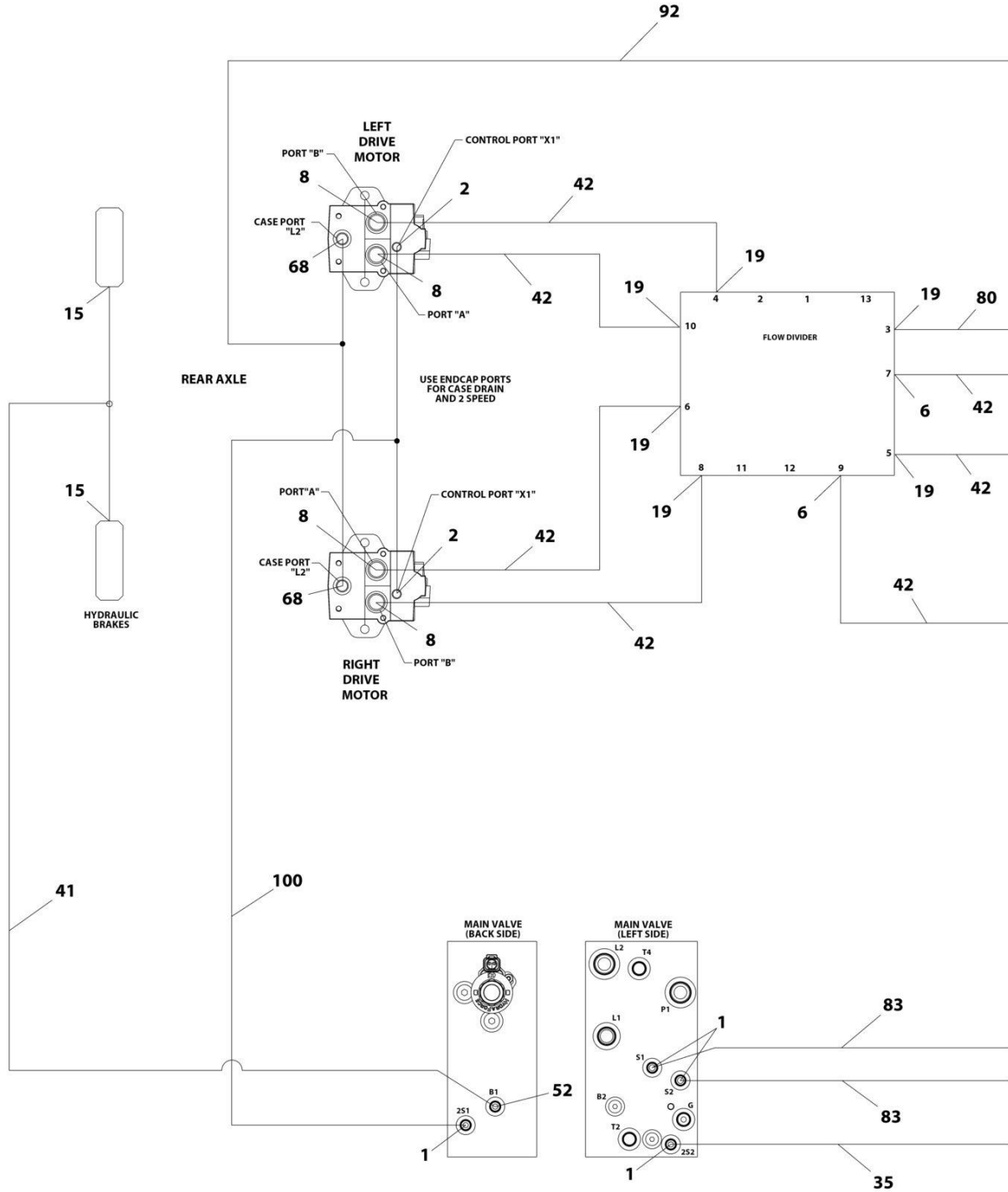
SECTION 7 - HYDRAULIC

FIGURE 7-1. HYDRAULIC DIAGRAM - OSCILLATING AXLE



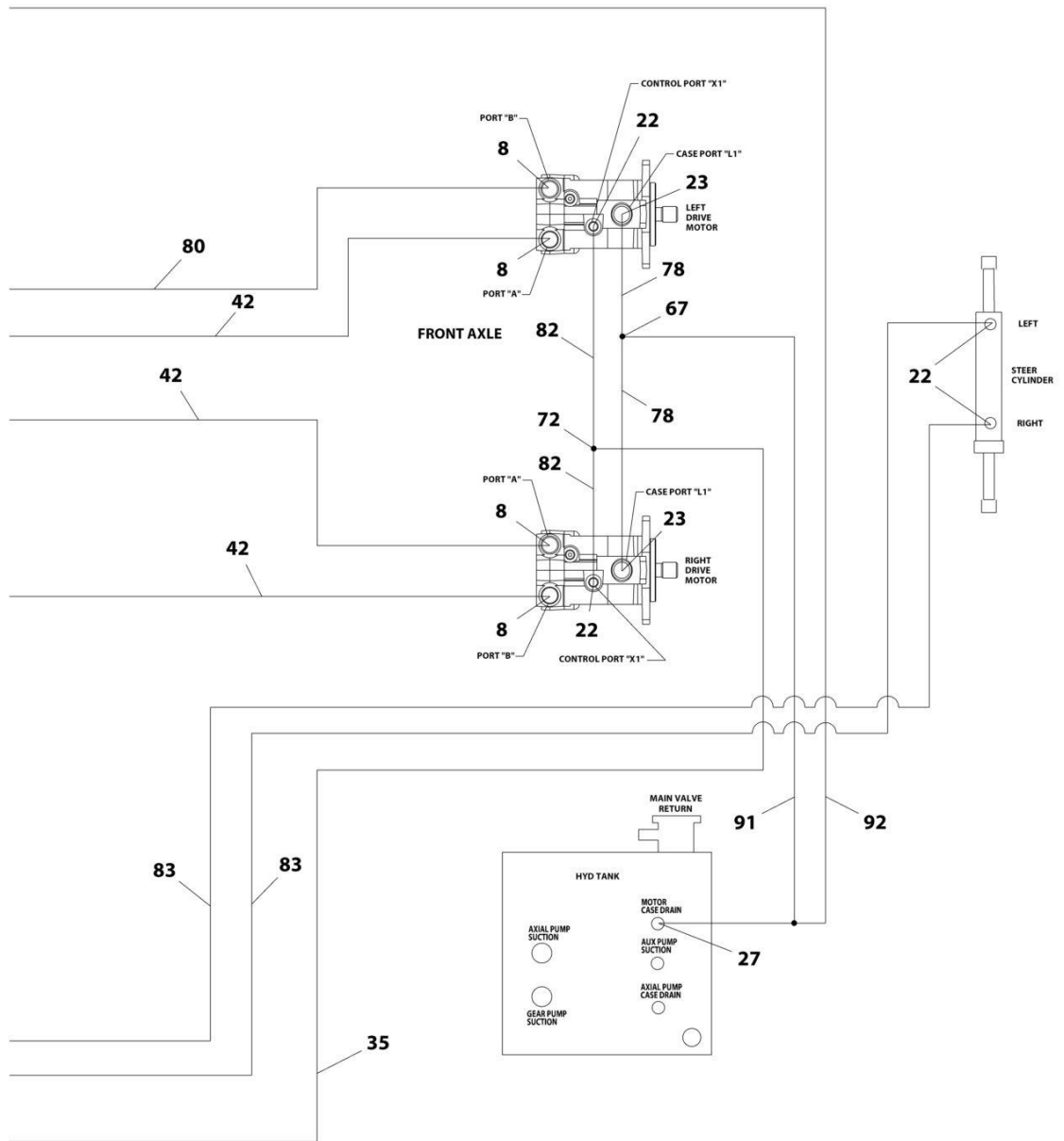
ART_1001177750_10F7

SECTION 7 - HYDRAULIC



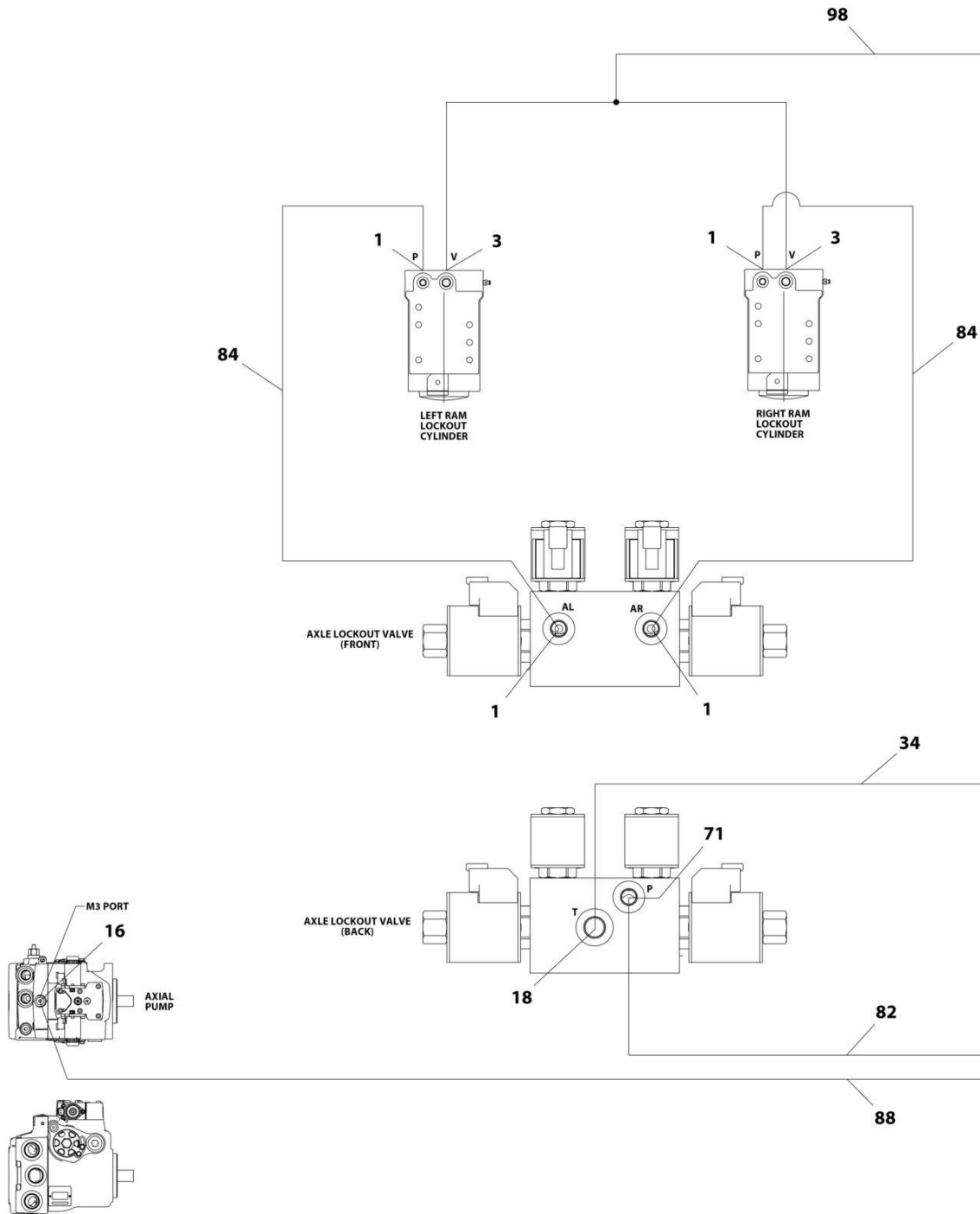
ART_1001177750_30F7

SECTION 7 - HYDRAULIC



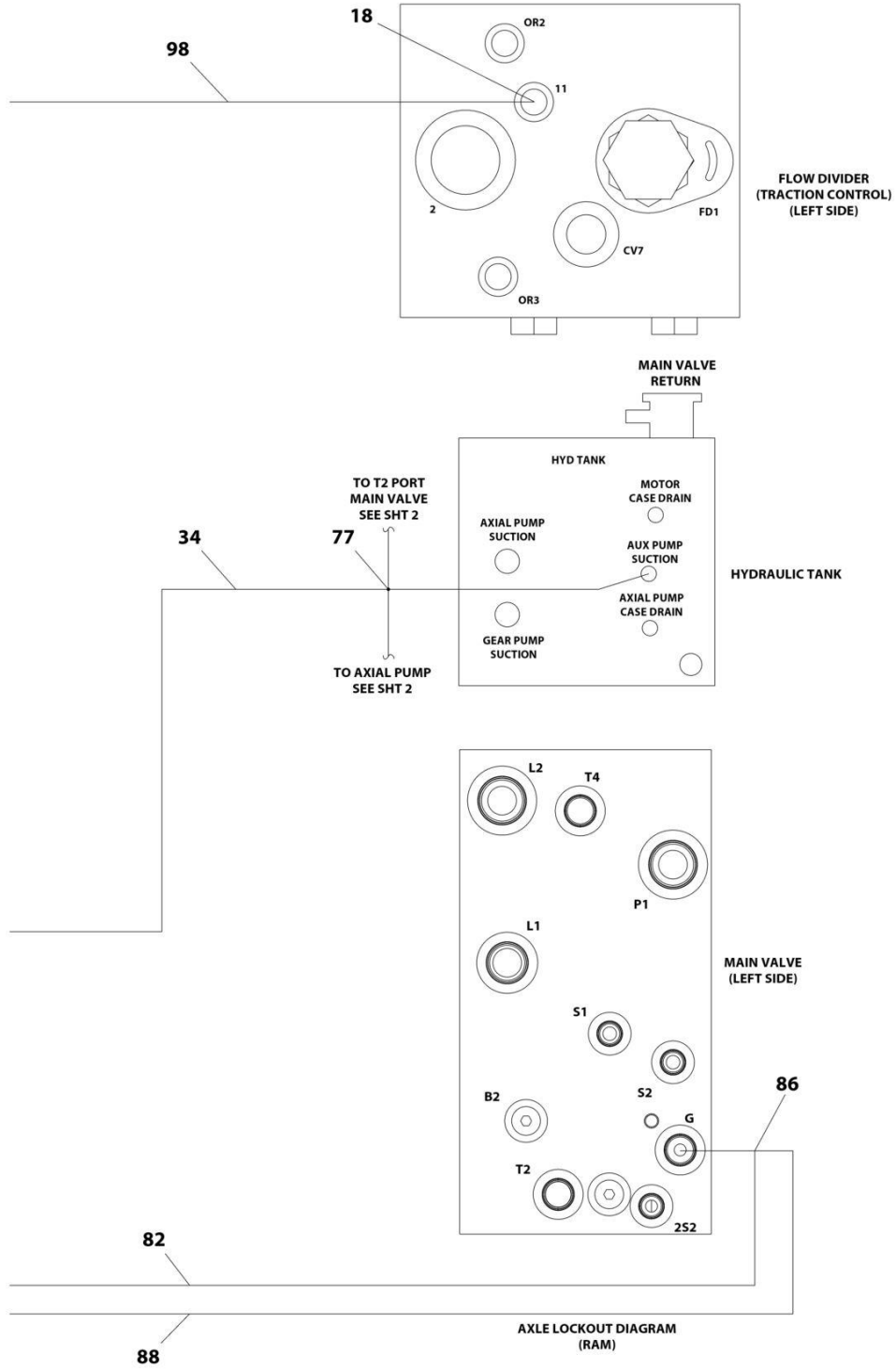
ART_1001177750_4OF7

SECTION 7 - HYDRAULIC



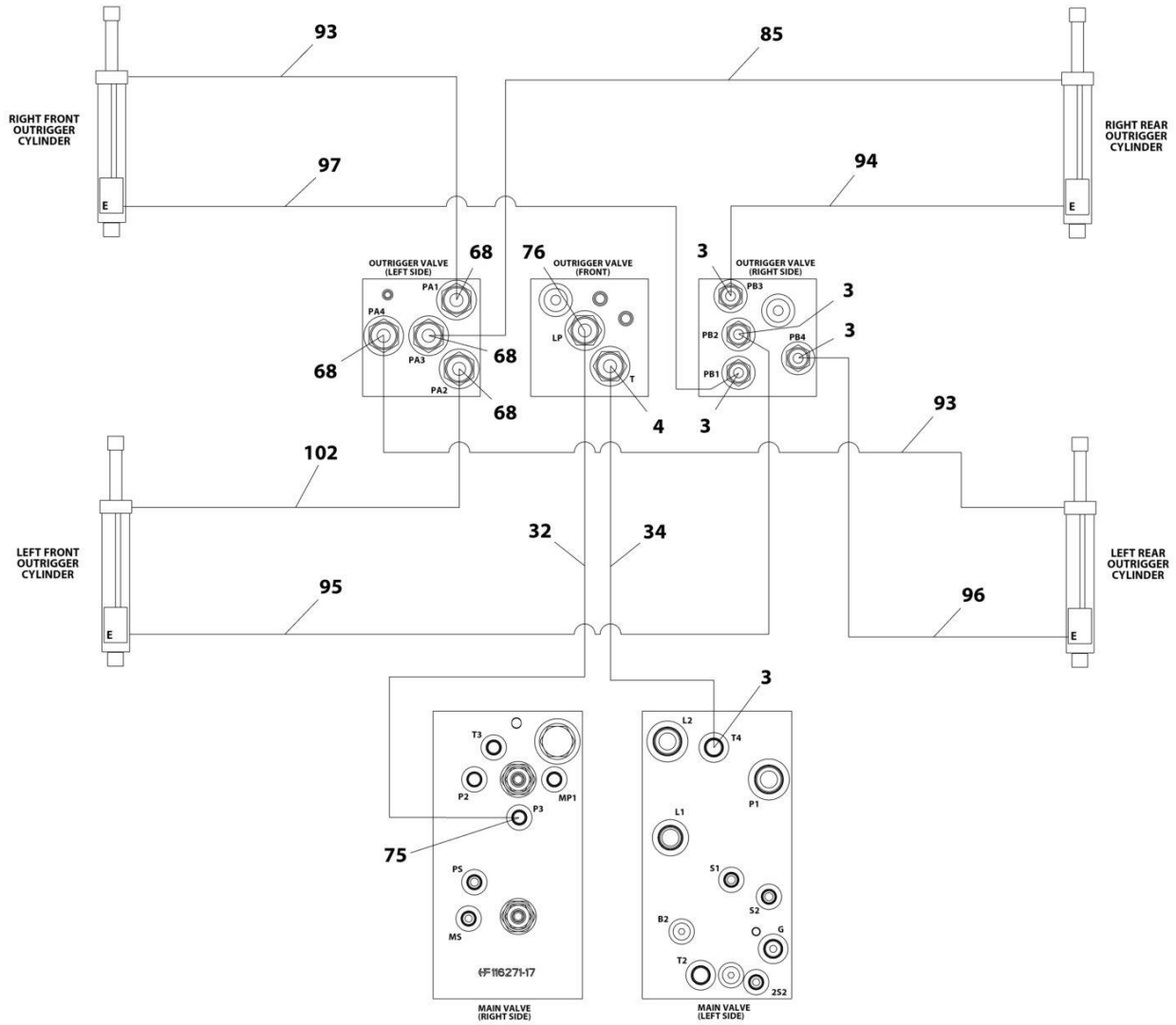
ART_100117750_50F7

SECTION 7 - HYDRAULIC



ART_1001177750_6OF7

SECTION 7 - HYDRAULIC



ART_100117750_7OF7

SECTION 7 - HYDRAULIC

FIGURE 7-1. HYDRAULIC DIAGRAM - OSCILATING AXLE

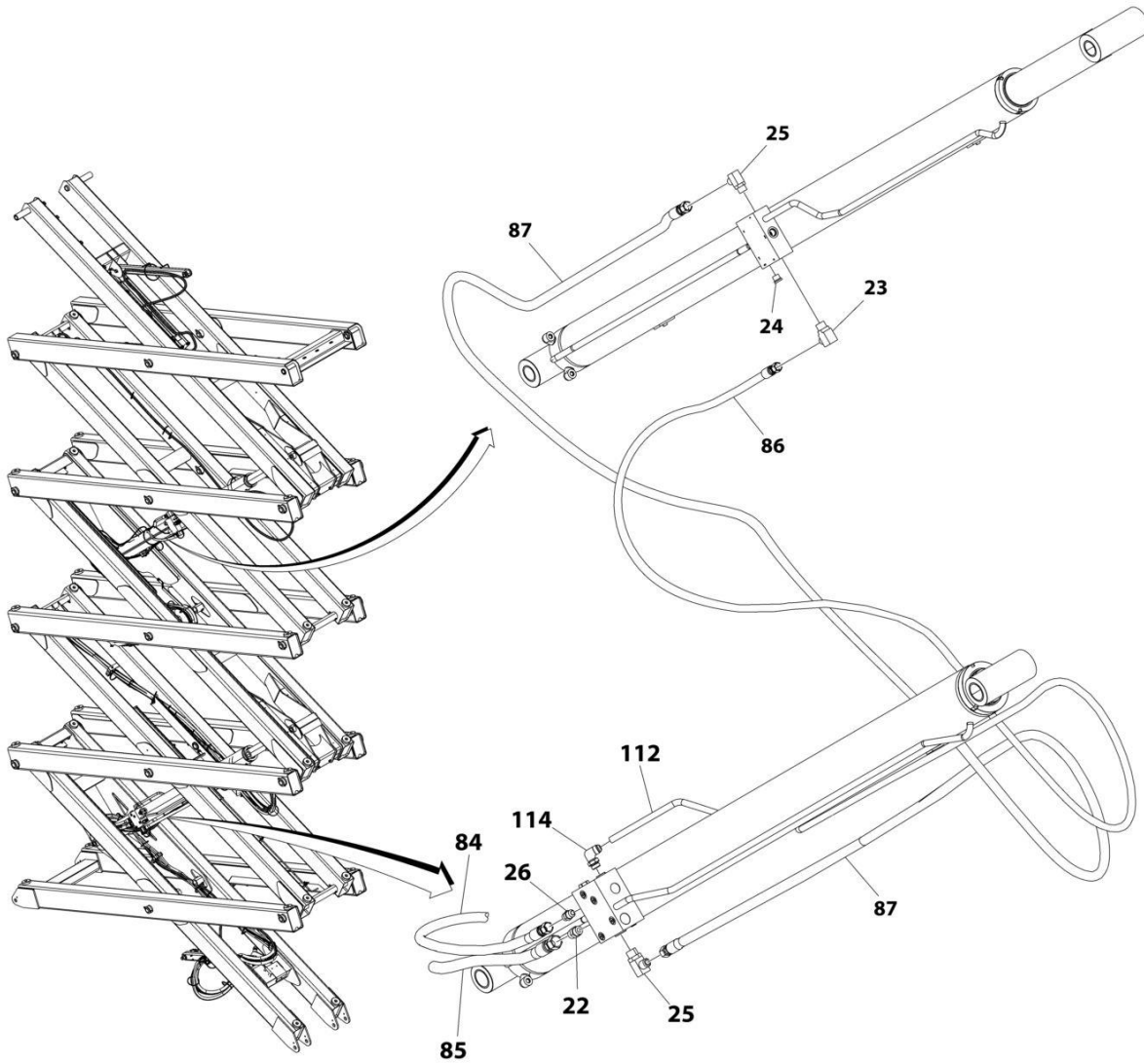
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001177750	Ref	HYDRAULIC DIAGRAM - OSCILLATING AXLE	J
1	2220415	9	Fitting, Straight JIC/ORB	
2	2220582	2	Fitting, Straight JIC/ORB	
3	2220371	8	Fitting, Straight JIC/ORB	
4	2220372	1	Fitting, Straight JIC/ORB	
5	2220497	1	Fitting, Straight JIC/ORB	
6	2110808	2	Fitting, Straight ORFS/ORB	
7	2110810	2	Fitting, Straight ORFS/ORB	
8	2110812	9	Fitting, Straight ORFS/ORB	
9	2220852	1	Fitting, Straight JIC/ORB	
10	2111010	1	Fitting, Straight ORFS/ORB	
12	2220451	1	Fitting, Straight JIC/ORB	
13	2111216	2	Fitting, Straight ORFS/ORB	
14	2112016	1	Fitting, Straight ORFS/ORB	
15	2130404	2	Fitting, 90 ORFS/ORB	
16	2220472	1	Fitting, 90 JIC/ORB	
17	2220775	1	Fitting, 90 JIC/ORB	
18	2220473	2	Fitting, 90 JIC/ORB	
19	2130808	6	Fitting, 90 ORFS/ORB	
20	2130812	1	Fitting, 90 ORFS/ORB	
21	2131216	2	Fitting, 90 ORFS/ORB	
22	2221040	4	Fitting, 45 JIC/ORB	
23	2220500	2	Fitting, 45 JIC/ORB	
24	2131010	1	Fitting, 90 ORFS/ORB	
25	2152020	1	Fitting, 45 ORFS/ORB	
26	2220235	1	Fitting	
27	2220602	1	Fitting, Tee JIC/ORB/JIC	
28	2220238	1	Plug ORB	
29	2220479	1	Fitting, Straight JIC/ORB	
31	2221086	2	Fitting, Test	
32	2716703	1	Hose	
33	2753798	1	Hose	
34	1001158246	2	Hose	
35	1001108477	1	Hose	
41	1001104589	1	Hose	
42	2753791	7	Hose	
49	2754244	2	Hose	
51	4061032	AR	Shield	
52	2110404	1	Fitting, Straight ORFS/ORB	
53	8760351	1	Fitting, 45 ORFS/ORB	
56	1001104581	1	Hose	
59	1001107924	2	Hose	
60	1001108128	1	Hose	
67	2220362	1	Fitting, Tee FL/FL/FL	
68	2220373	6	Fitting, Straight JIC/ORB	
69	2220408	2	Fitting, Straight JIC/ORB	
70	2220435	1	Fitting, Straight JIC/ORB	
71	2220466	AR	Fitting, 90 JIC/ORB	
72	2220504	1	Fitting, Tee JIC/JIC/JIC	
73	2220577	1	Fitting, Straight JIC/ORB	

SECTION 7 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
74	2220578	1	Fitting, 90 JIC/ORB	
75	2220603	1	Fitting, Straight JIC/ORB	
76	2220628	1	Fitting, 90 JIC/ORB	
77	2220635	2	Fitting, Tee JIC/JIC/JIC	
78	2716705	2	Hose	
80	2753970	1	Hose	
81	1001151351	1	Hose	
82	1001151354	3	Hose	
83	1001158199	2	Hose	
84	1001173043	2	Hose	
85	1001182051	1	Hose	
86	1001193988	1	Fitting, Tee JIC/ORB/JIC	
87	1001194378	1	Hose	
88	1001194379	1	Hose	
89	1001194380	1	Hose	
90	1001194381	1	Hose	
91	1001194382	1	Hose	
92	1001194383	1	Hose	
93	1001194384	2	Hose	
94	1001194385	1	Hose	
95	1001194386	1	Hose	
96	1001194387	1	Hose	
97	1001194388	1	Hose	
98	1001194389	1	Hose	
99	1001194390	1	Hose	
100	1001194391	1	Hose	
101	2752485	1	Hose	
102	1001205920	1	Hose	
103	2220502	AR	Fitting, 45 JIC/ORB	

SECTION 7 - HYDRAULIC

FIGURE 7-2. HYDRAULIC DIAGRAM - SCISSOR ARMS



ART_1001217384_J_30F3

SECTION 7 - HYDRAULIC

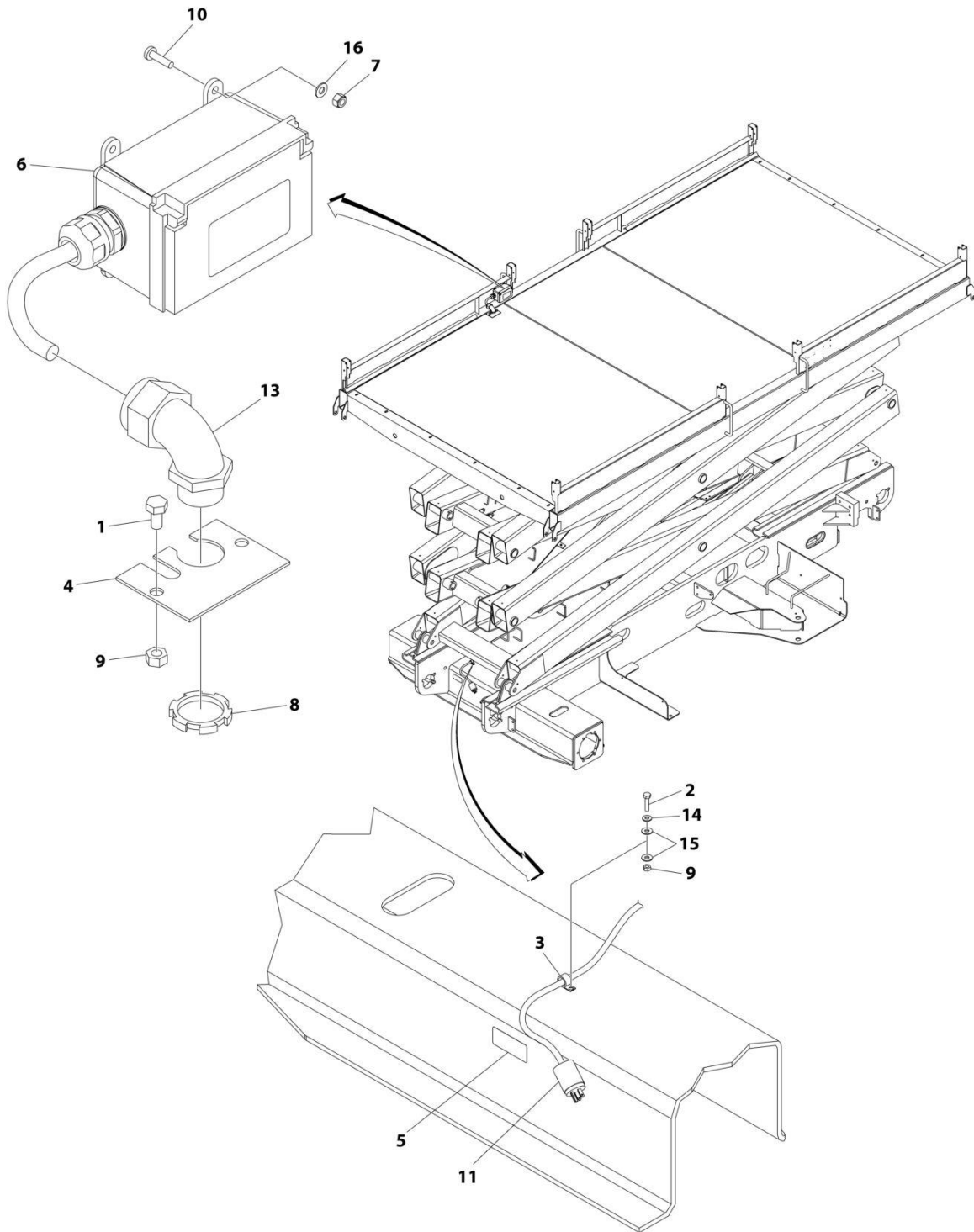
FIGURE 7-2. HYDRAULIC DIAGRAM - SCISSOR ARMS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001217384	Ref	SCISSOR ARMS ASSEMBLY - HYDRAULIC	J
22	2220408	1	Fitting, Straight JIC/ORB	
23	2220671	1	Fitting, 90 JIC/ORB	
24	2220883	1	Plug	
25	2220906	2	Fitting, 90 JIC/ORB	
26	2220947	1	Fitting, Straight JIC/ORB	
84	1001193174	1	Hose	
85	1001193179	1	Hose	
86	1001236307	1	Hose	
87	1001236306	1	Hose	
112	1001237837	1	Tube	
114	2221036	1	Fitting, 90 JIC/ORB	

SECTION 8 - ELECTRICAL

SECTION 8 - ELECTRICAL

FIGURE 8-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ANSI, ANSI EXPORT, CHINA, CSA AND JAPANESE SPECS)



ART_1001206776

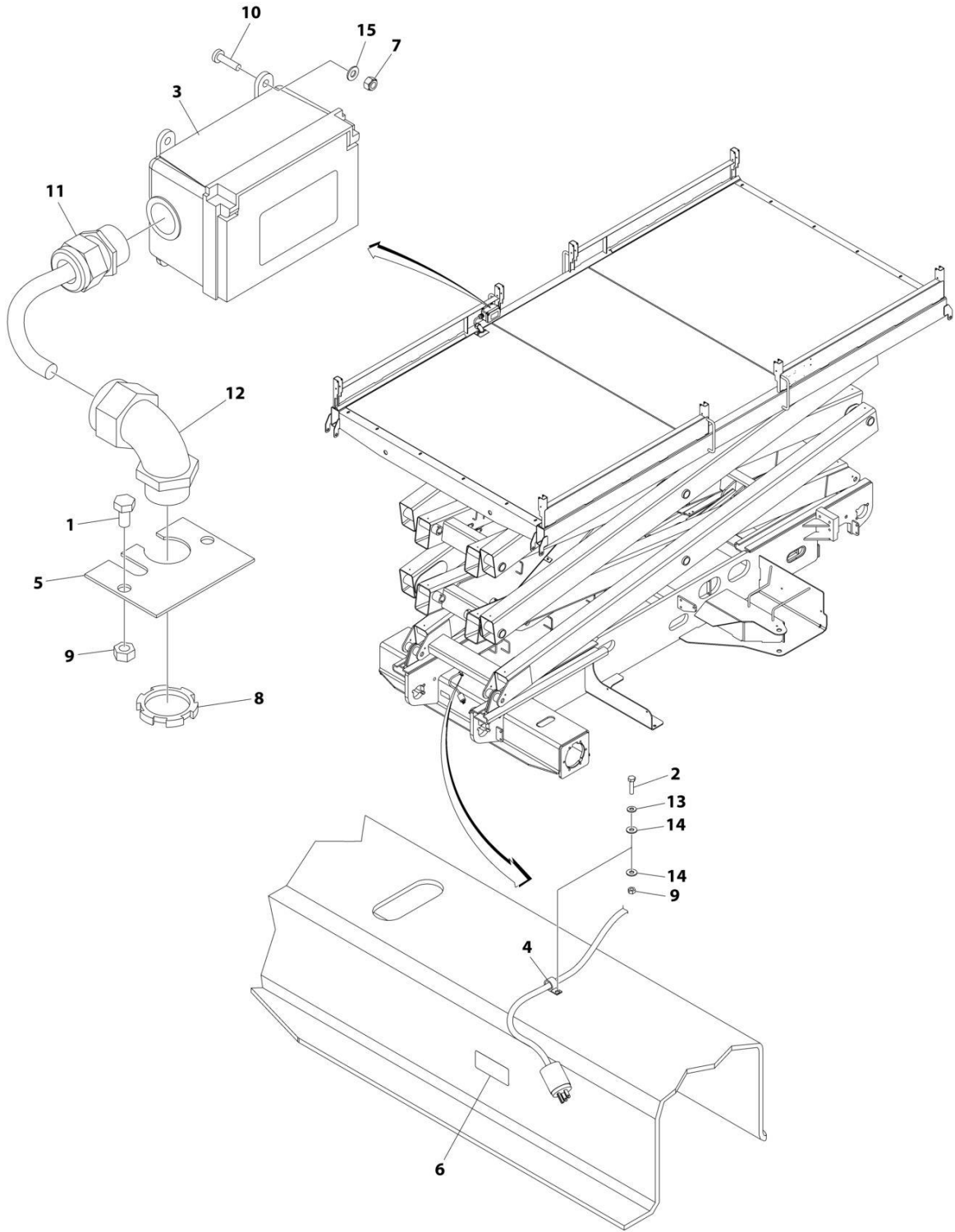
SECTION 8 - ELECTRICAL

FIGURE 8-1. AC BOX AT PLATFORM INSTALLATION - 110V GFI (ANSI, ANSI EXPORT, CHINA, CSA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206776	Ref	AC BOX AT PLATFORM INSTALLATION - 110V GFI	B
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	
5	1703464	1	Decal - AC Power	
6	2902431	1	Receptacle Box Kit - 110V GFI (See Separate Breakdown in this Section)	
7	3290405	4	Nut M4	
8	3300048	1	Nut 3/4	
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	Connector, Strain Relief	
14	4711400	1	Washer 1/4	
15	4751400	2	Washer 1/4	
16	4811400	4	Washer M4	

SECTION 8 - ELECTRICAL

FIGURE 8-2. BOX AT PLATFORM INSTALLATION - 220V (ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)



ART_1001206777

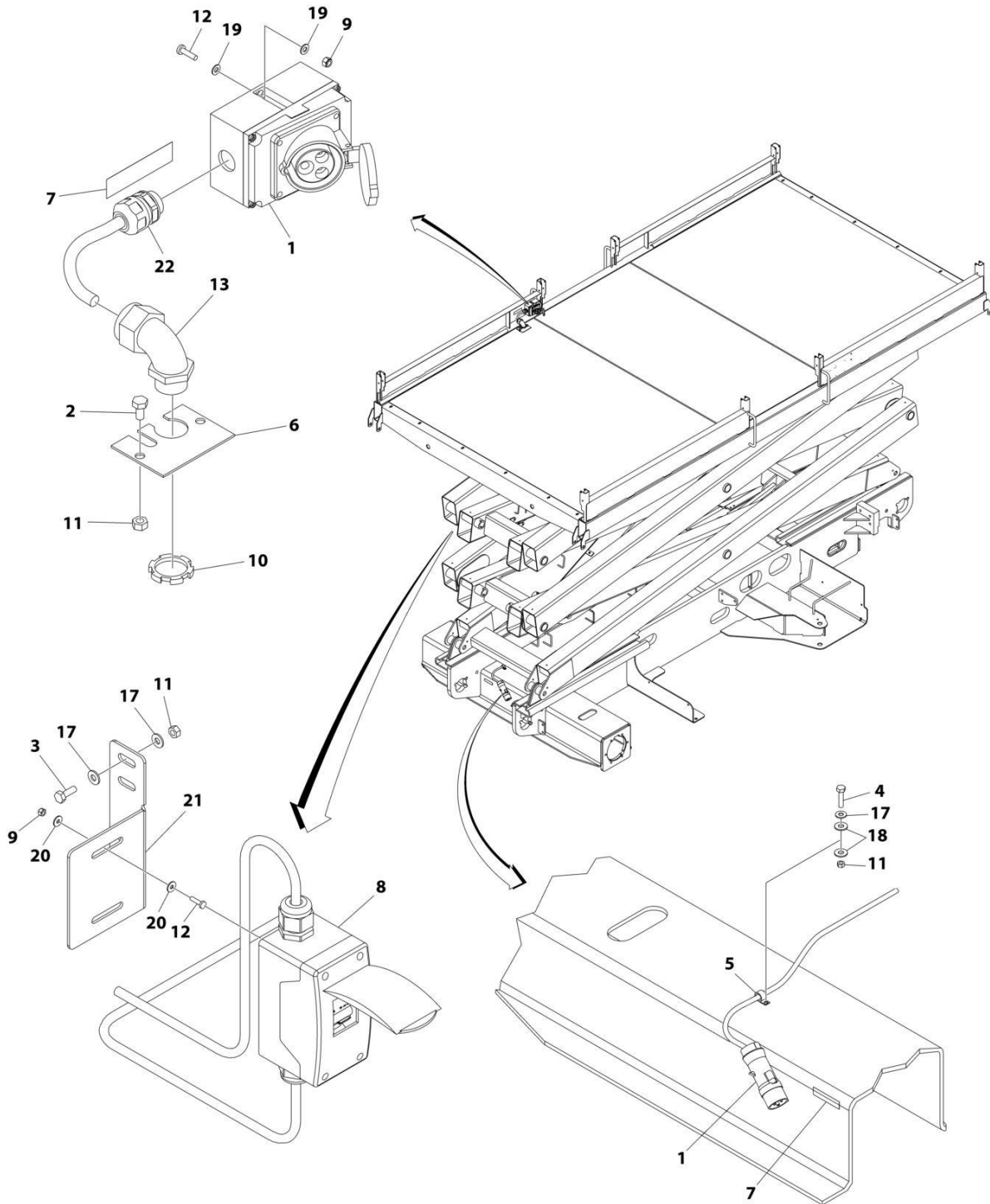
SECTION 8 - ELECTRICAL

FIGURE 8-2. BOX AT PLATFORM INSTALLATION - 220V (ANSI EXPORT, CSA, CHINA AND JAPANESE SPECS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206777	Ref	AC BOX AT PLATFORM INSTALLATION - 220V	B
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	
6	3252507	1	Decal - 220 Volt	
7	3290405	4	Nut M4	
8	3300048	1	Nut 3/4	
9	3311405	3	Nut 1/4	
10	4010408	4	Screw M4 x 16	
11	4460071	1	Connector. Strain Relief	
12	4460422	1	Connector, Strain Relief	
13	4711400	1	Washer 1/4	
14	4751400	2	Washer 1/4	
15	4811400	4	Washer M4	

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



ART_1001206782_F

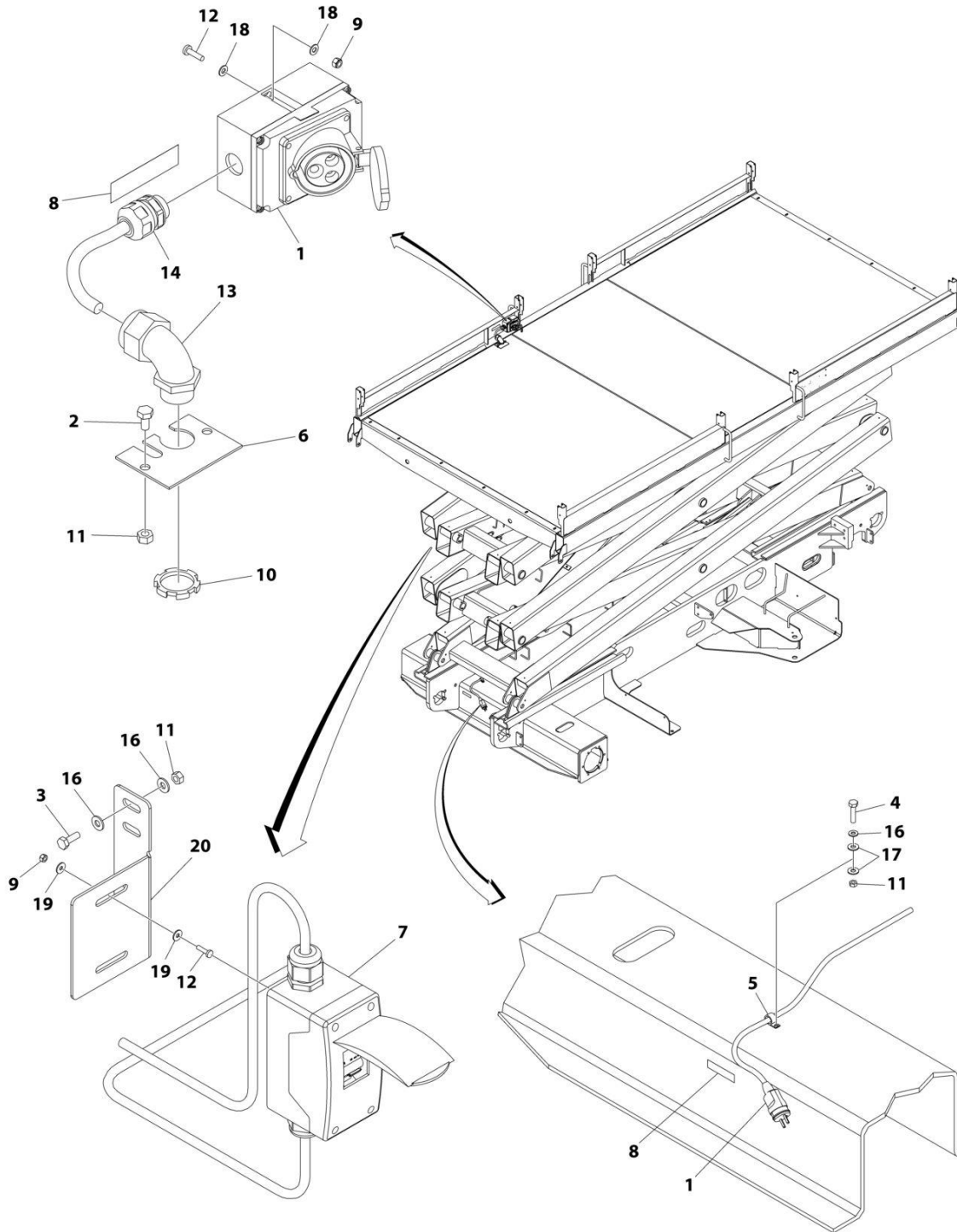
SECTION 8 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206782	Ref	AC BOX AT PLATFORM INSTALLATION - 110V IEC YELLOW	F
1	0275216	1	Receptacle Box Kit - 110V IEC Yellow (See Separate Breakdown in this Section)	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641406	2	Bolt 1/4 x 3/4	
4	0641409	1	Bolt 1/4 x 1-1/8	
5	1320224	1	Clamp	
6	1670988	1	Cover	
7	1705325	2	Decal - 110 Volt	
8	1001096070	1	Breaker Box Kit (See Separate Breakdown in this Section)	
9	3290405	4	Nut M4	
10	3300048	1	Nut 3/4	
11	3311405	5	Nut 1/4	
12	4010408	4	Screw M4 x 16	
13	4460422	1	Connector, Strain Relief	
17	4711400	5	Washer 1/4	
18	4751400	2	Washer 1/4	
19	4811400	AR	Washer M4	
20	1001091102	4	Washer M4	
21	1001206928	1	Bracket	
22	4460968	1	Connector, Strain Relief	

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



ART_1001206783_F

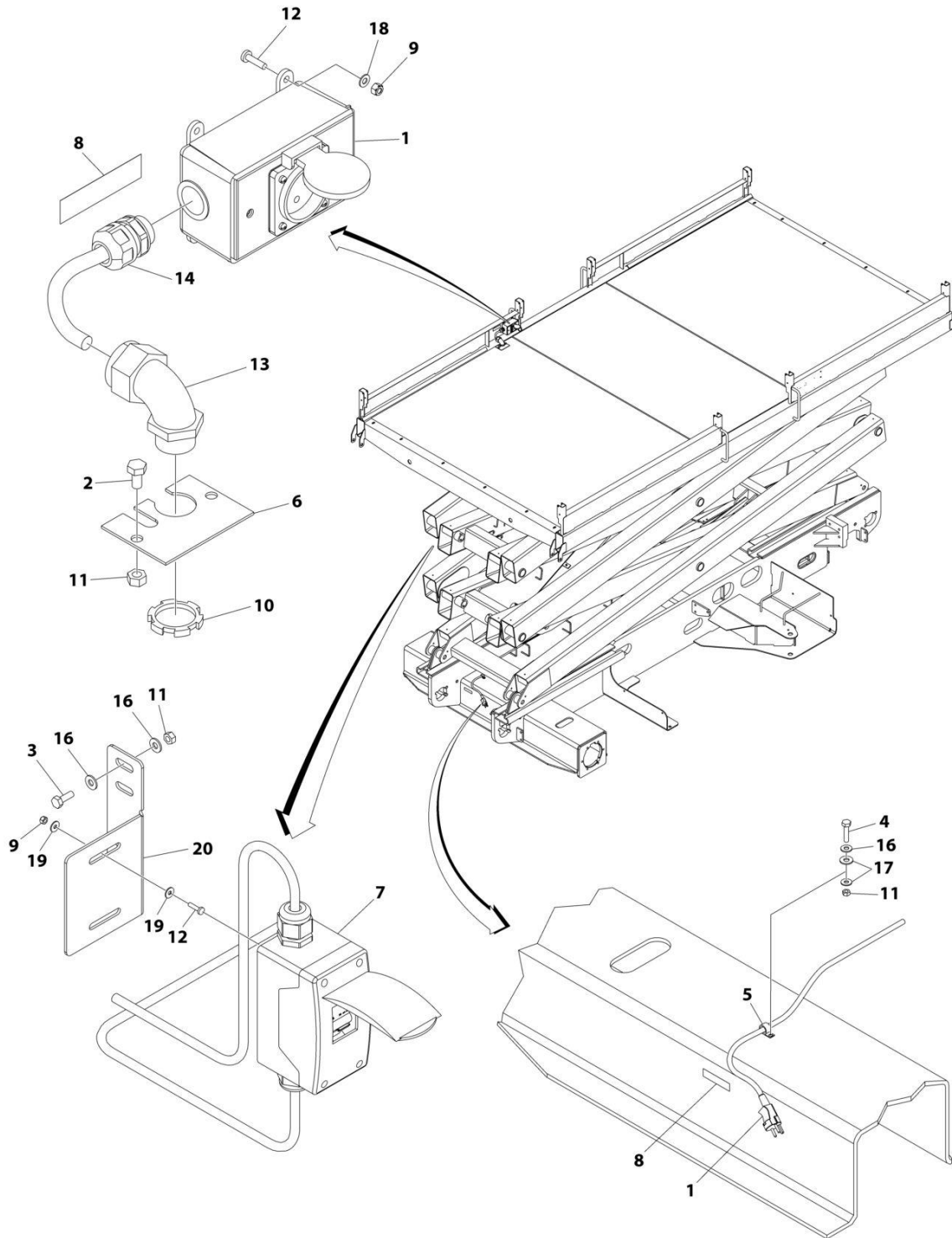
SECTION 8 - ELECTRICAL

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206783	Ref	AC BOX AT PLATFORM INSTALLATION - 220V IEC BLUE	F
1	0275217	1	Receptacle Box Kit - 220V IEC Blue (CE Specs) (See Separate Breakdown in this Section)	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641406	2	Bolt 1/4 x 3/4	
4	0641409	1	Bolt 1/4 x 1-1/8	
5	1320224	1	Clamp	
6	1670988	1	Cover	
7	1001096070	1	Breaker Box Kit (See Separate Breakdown in this Section)	
8	3252507	2	Decal - 220 Volt	
9	3290405	4	Nut M4	
10	3300048	1	Nut 3/4	
11	3311405	5	Nut 1/4	
12	4010408	4	Screw M4 x 16	
13	4460422	1	Connector, Strain Relief	
14	4460968	1	Connector, Strain Relief	
16	4711400	5	Washer 1/4	
17	4751400	2	Washer 1/4	
18	4811400	4	Washer M4	
19	1001091102	4	Washer M4	
20	1001206928	1	Bracket	

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FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE & UK CA SPEC)



ART_1001206781_E

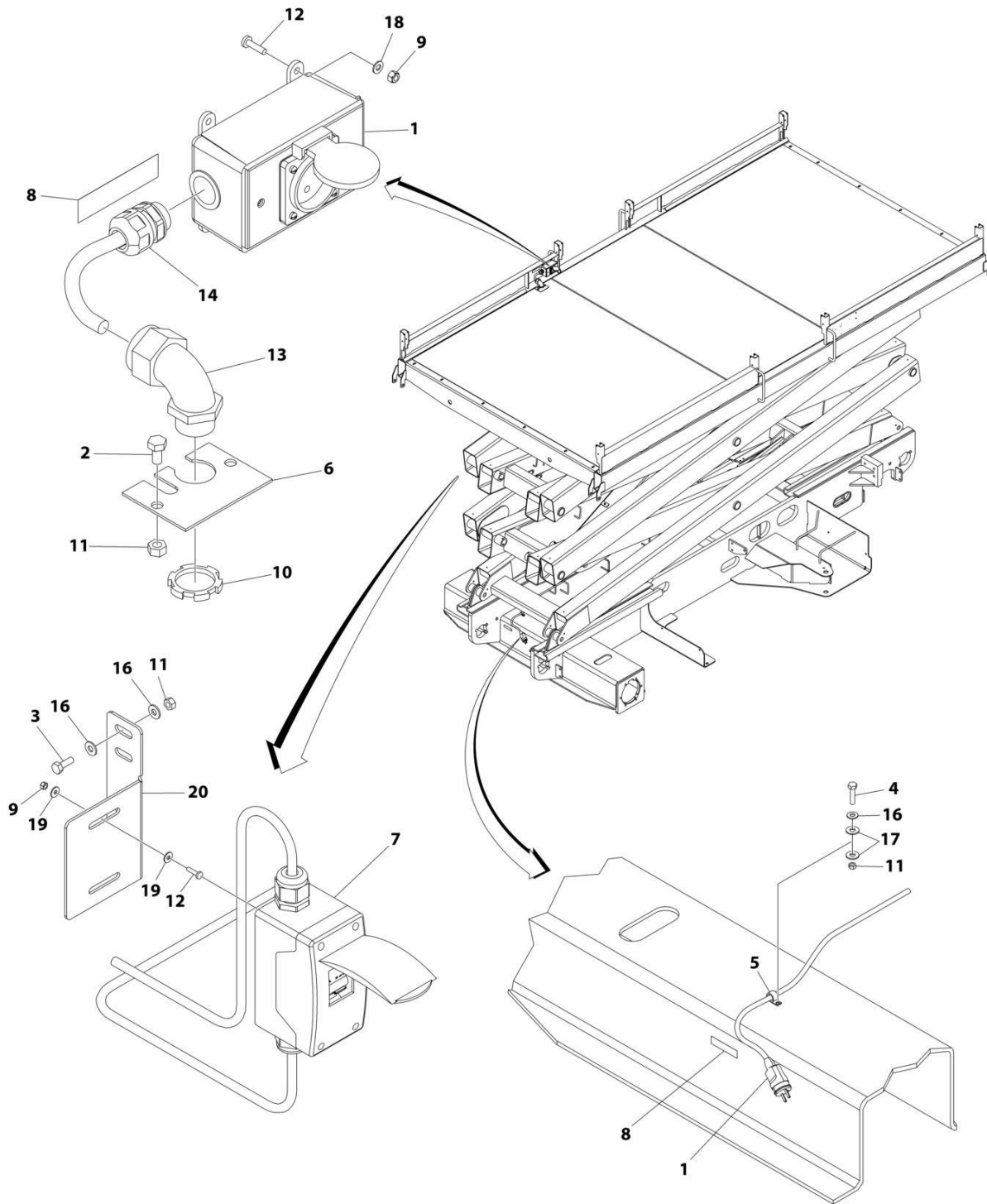
SECTION 8 - ELECTRICAL

FIGURE 8-5. AC BOX AT PLATFORM INSTALLATION - 220V AFSINT107 (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206781	Ref	AC BOX AT PLATFORM INSTALLATION - 220V AFSINT 107	E
1	0275454	1	Receptacle Box Kit - 220V AFSINT 107 (CE Specs) (See Separate Breakdown in this Section)	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641406	2	Bolt 1/4 x 3/4	
4	0641409	1	Bolt 1/4 x 1-1/8	
5	1320224	1	Clamp	
6	1670988	1	Cover	
7	1001096070	1	Breaker Box Kit (See Separate Breakdown in this Section)	
8	3252507	2	Decal - 220 Volt	
9	3290405	6	Nut M4	
10	3300048	1	Nut 3/4	
11	3311405	5	Nut 1/4	
12	4010408	6	Screw M4 x 16	
13	4460422	1	Connector, Strain Relief	
14	4460968	1	Connector, Strain Relief	
16	4711400	5	Washer 1/4	
17	4751400	2	Washer 1/4	
18	4811400	4	Washer M4	
19	1001091102	4	Washer M4	
20	1001206928	1	Bracket	

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FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2X4 BOX (CE & UK CA SPEC)



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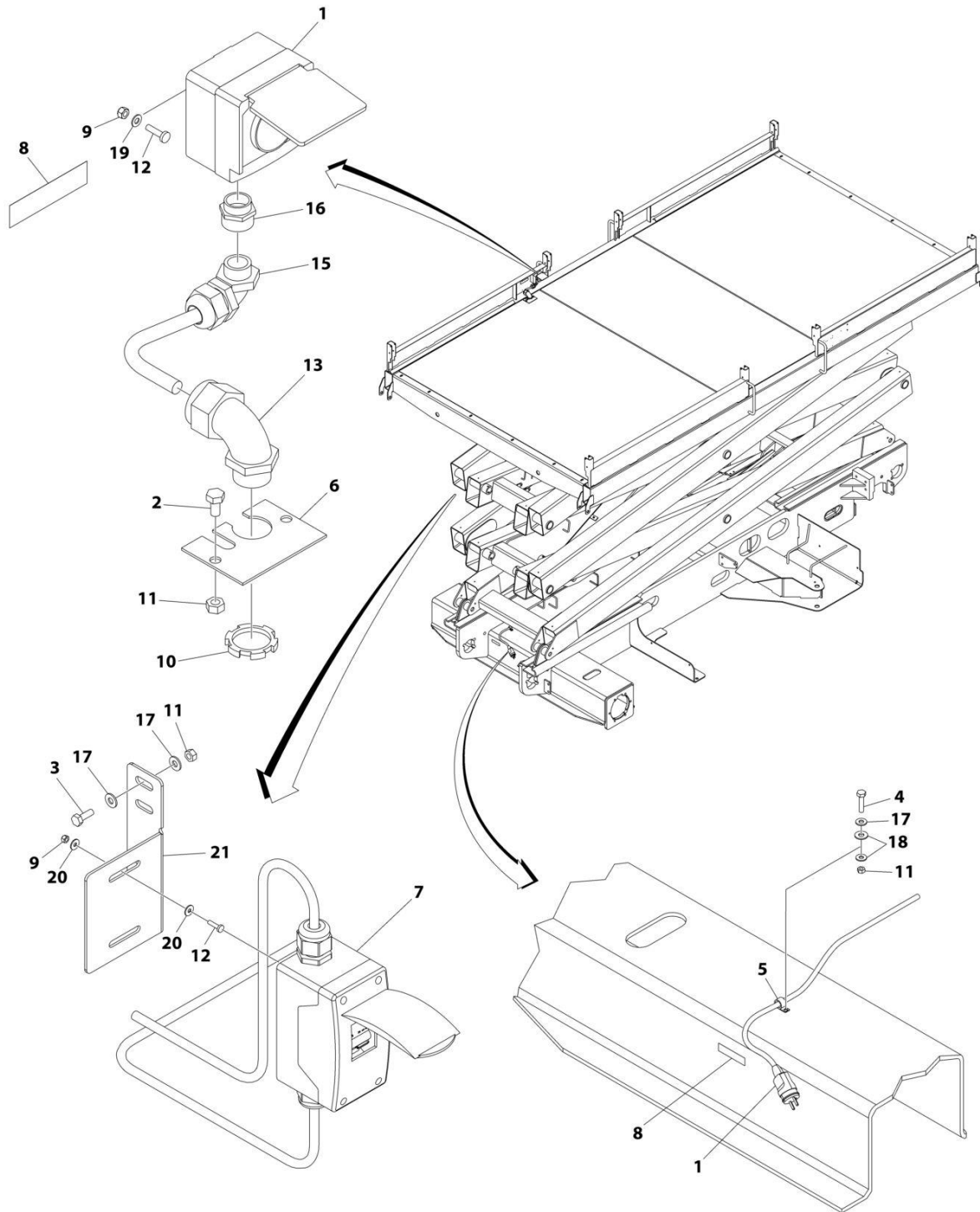
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**FIGURE 8-6. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 2X4 BOX
(CE & UK CA SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206779	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND 2X4 BOX	E
1	0275452	1	Receptacle Box Kit - 220V CEE7 Post Ground 2X4 Box (See Separate Breakdown in this Section)	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641406	2	Bolt 1/4 x 3/4	
4	0641409	1	Bolt 1/4 x 1-1/8	
5	1320224	1	Clamp	
6	1670988	1	Cover	
7	1001096070	1	Breaker Box Kit (See Separate Breakdown in this Section)	
8	3252507	2	Decal - 220 Volt	
9	3290405	6	Nut M4	
10	3300048	1	Nut 3/4	
11	3311405	5	Nut 1/4	
12	4010408	6	Screw M4 x 16	
13	4460422	1	Connector, Strain Relief	
14	4460968	1	Connector, Strain Relief	
16	4711400	5	Washer 1/4	
17	4751400	2	Washer 1/4	
18	4811400	4	Washer M4	
19	1001091102	4	Washer M4	
20	1001206928	1	Bracket	

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FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 70X70 BOX
(CE & UK CA SPEC)



ART_1001206784_E

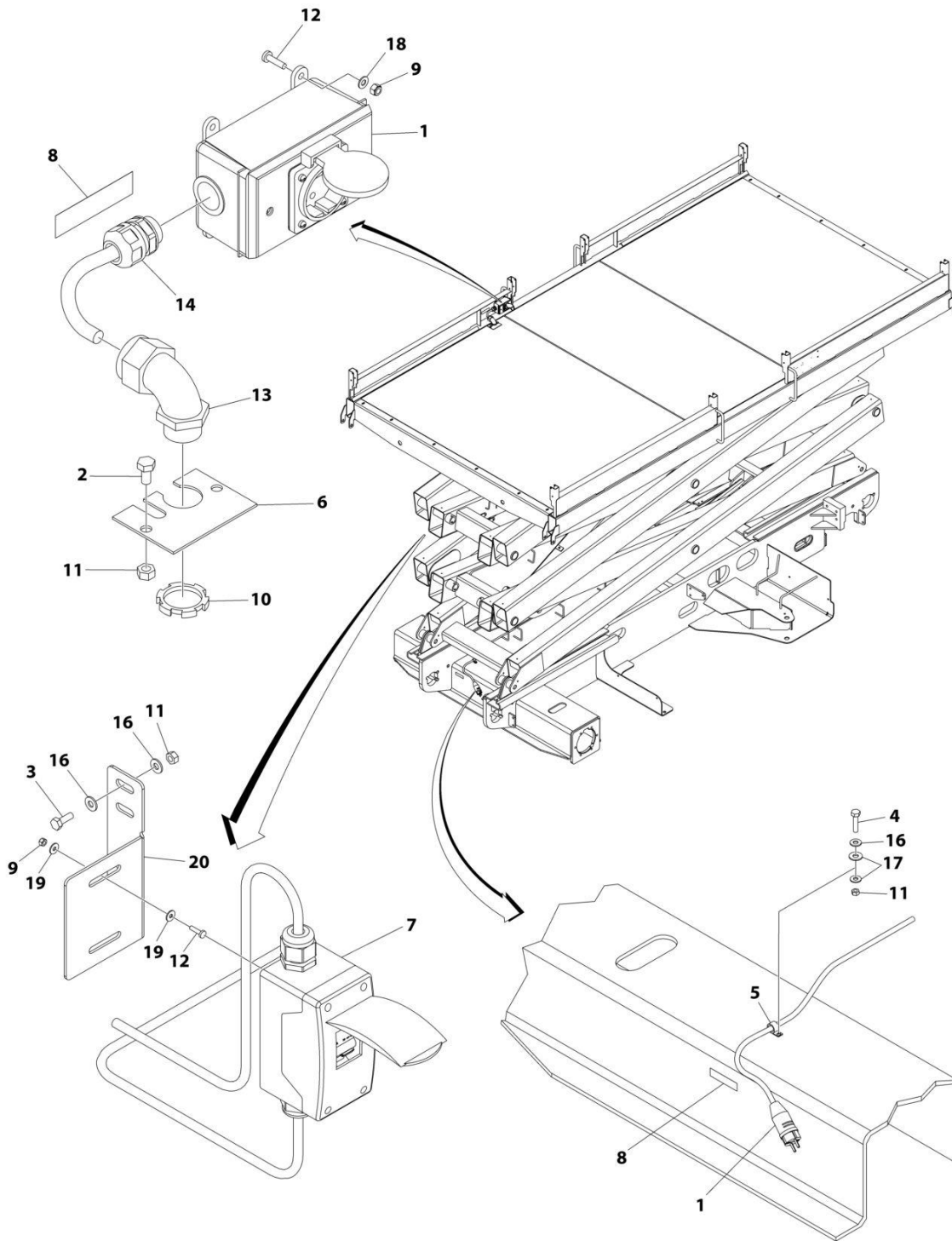
SECTION 8 - ELECTRICAL

**FIGURE 8-7. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND WITH 70X70 BOX
(CE & UK CA SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206784	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 POST GROUND 70X70 BOX (CE SPECS)	E
1	0275218	1	Receptacle Box Kit - 220V CEE7 Post Ground 70X70 Box (See Separate Breakdown in this Section)	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641406	2	Bolt 1/4 x 3/4	
4	0641409	1	Bolt 1/4 x 1-1/8	
5	1320224	1	Clamp	
6	1670988	1	Cover	
7	1001096070	1	Breaker Box Kit (See Separate Breakdown in this Section)	
8	3252507	2	Decal - 220 Volt	
9	3290405	4	Nut M4	
10	3300048	1	Nut 3/4	
11	3311405	5	Nut 1/4	
12	4010408	4	Screw M4 x 16	
13	4460422	1	Connector, Strain Relief	
15	4461257	1	Connector, Strain Relief	
16	4461258	1	Adapter	
17	4711400	5	Washer 1/4	
18	4751400	2	Washer 1/4	
19	4811400	2	Washer M4	
20	1001091102	4	Washer M4	
21	1001206928	1	Bracket	

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FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2X4 BOX (CE & UK CA SPEC)



ART_1001206780_E

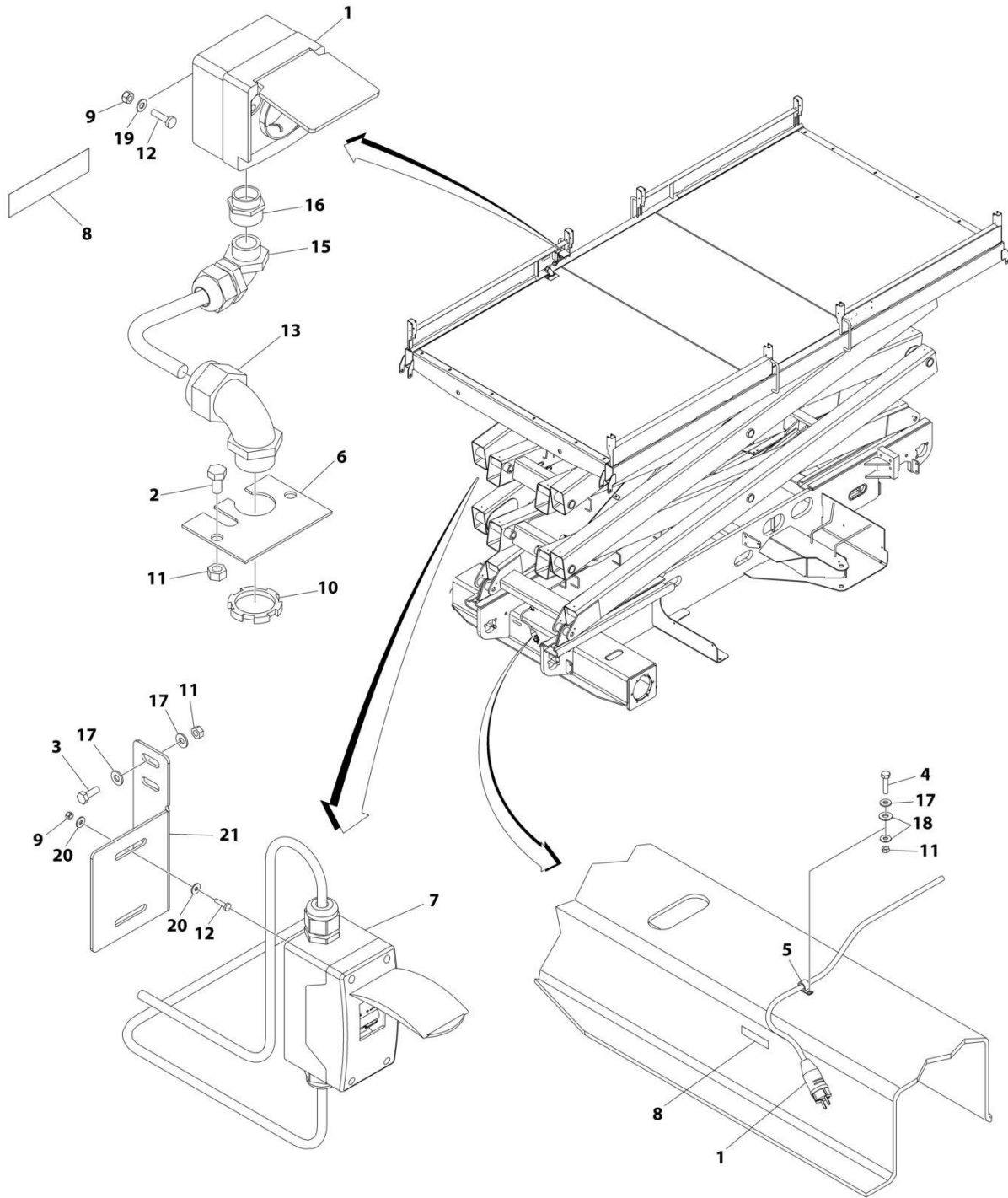
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**FIGURE 8-8. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 2X4 BOX
(CE & UK CA SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206780	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND 2X4 BOX	E
1	0275453	1	Receptacle Box Kit - 220V CEE7 Side Ground 2X4 Box (See Separate Breakdown in this Section)	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641406	2	Bolt 1/4 x 3/4	
4	0641409	1	Bolt 1/4 x 1-1/8	
5	1320224	1	Clamp	
6	1670988	1	Cover	
7	1001096070	1	Breaker Box Kit (See Separate Breakdown in this Section)	
8	3252507	2	Decal - 220 Volt	
9	3290405	6	Nut M4	
10	3300048	1	Nut 3/4	
11	3311405	5	Nut 1/4	
12	4010408	6	Screw M4 x 16	
13	4460422	1	Connector, Strain Relief	
14	4460968	1	Connector, Strain Relief	
16	4711400	5	Washer 1/4	
17	4751400	2	Washer 1/4	
18	4811400	4	Washer M4	
19	1001091102	4	Washer M4	
20	1001206928	1	Bracket	

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FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 70X70 BOX
(CE & UK CA SPEC)



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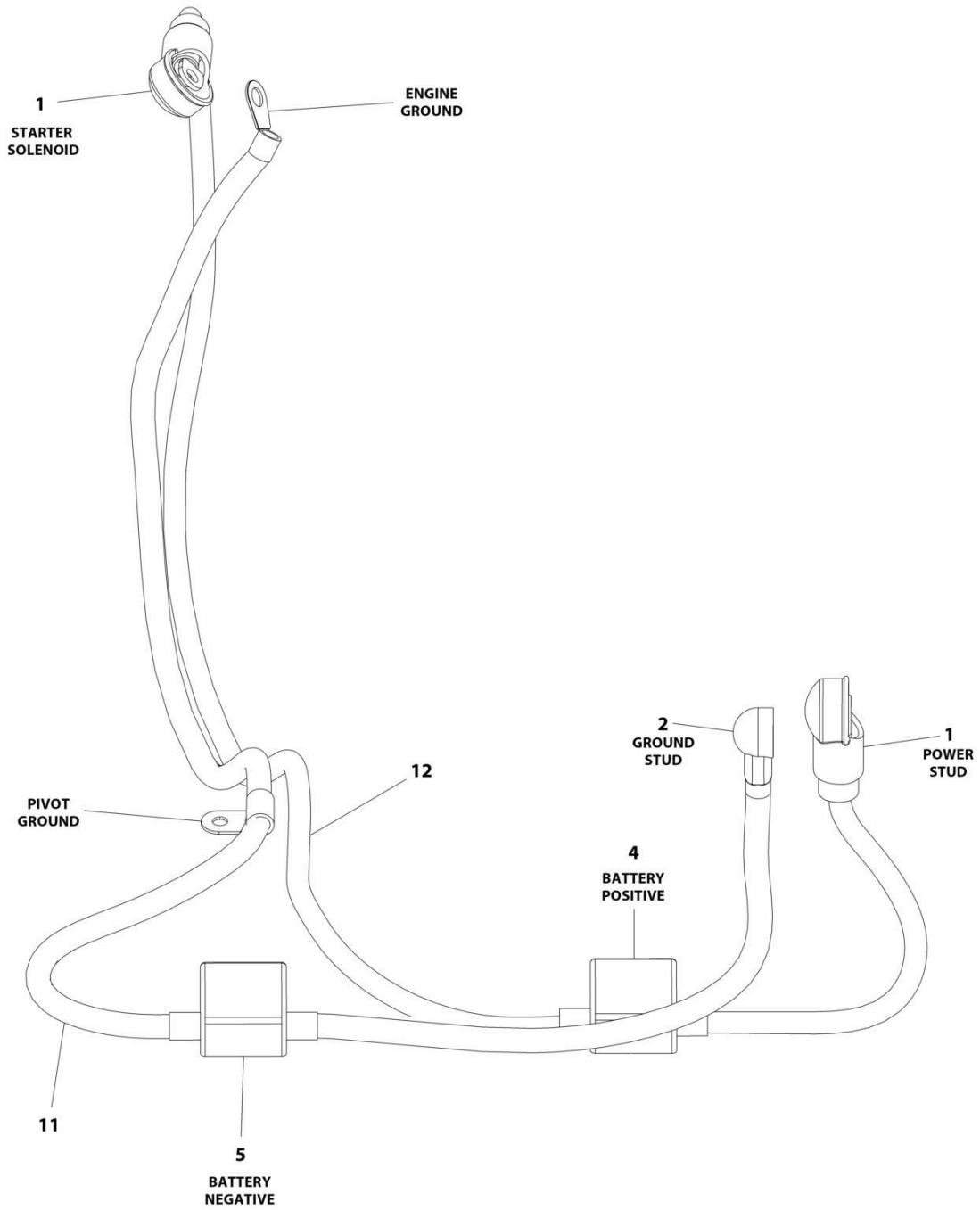
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**FIGURE 8-9. AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND WITH 70X70 BOX
(CE & UK CA SPEC)**

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001206785	Ref	AC BOX AT PLATFORM INSTALLATION - 220V CEE7 SIDE GROUND 70X70 BOX	E
1	0275219	1	Receptacle Box Kit - 220V CEE7 Side Ground 70X70 Box (See Separate Breakdown in this Section)	
2	0641404	2	Bolt 1/4 x 1/2	
3	0641406	2	Bolt 1/4 x 3/4	
4	0641409	1	Bolt 1/4 x 1-1/8	
5	1320224	1	Clamp	
6	1670988	1	Cover	
7	1001096070	1	Breaker Box Kit (See Separate Breakdown in this Section)	
8	3252507	2	Decal - 220 Volt	
9	3290405	4	Nut M4	
10	3300048	1	Nut 3/4	
11	3311405	5	Nut 1/4	
12	4010408	4	Screw M4 x 16	
13	4460422	1	Connector, Strain Relief	
15	4461257	1	Connector, Strain Relief	
16	4461258	1	Adapter	
17	4711400	5	Washer 1/4	
18	4751400	2	Washer 1/4	
19	4811400	2	Washer M4	
20	1001091102	4	Washer M4	
21	1001206928	1	Bracket	

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FIGURE 8-10. BATTERY CABLE KIT - DIESEL ENGINES



ART_1001186428

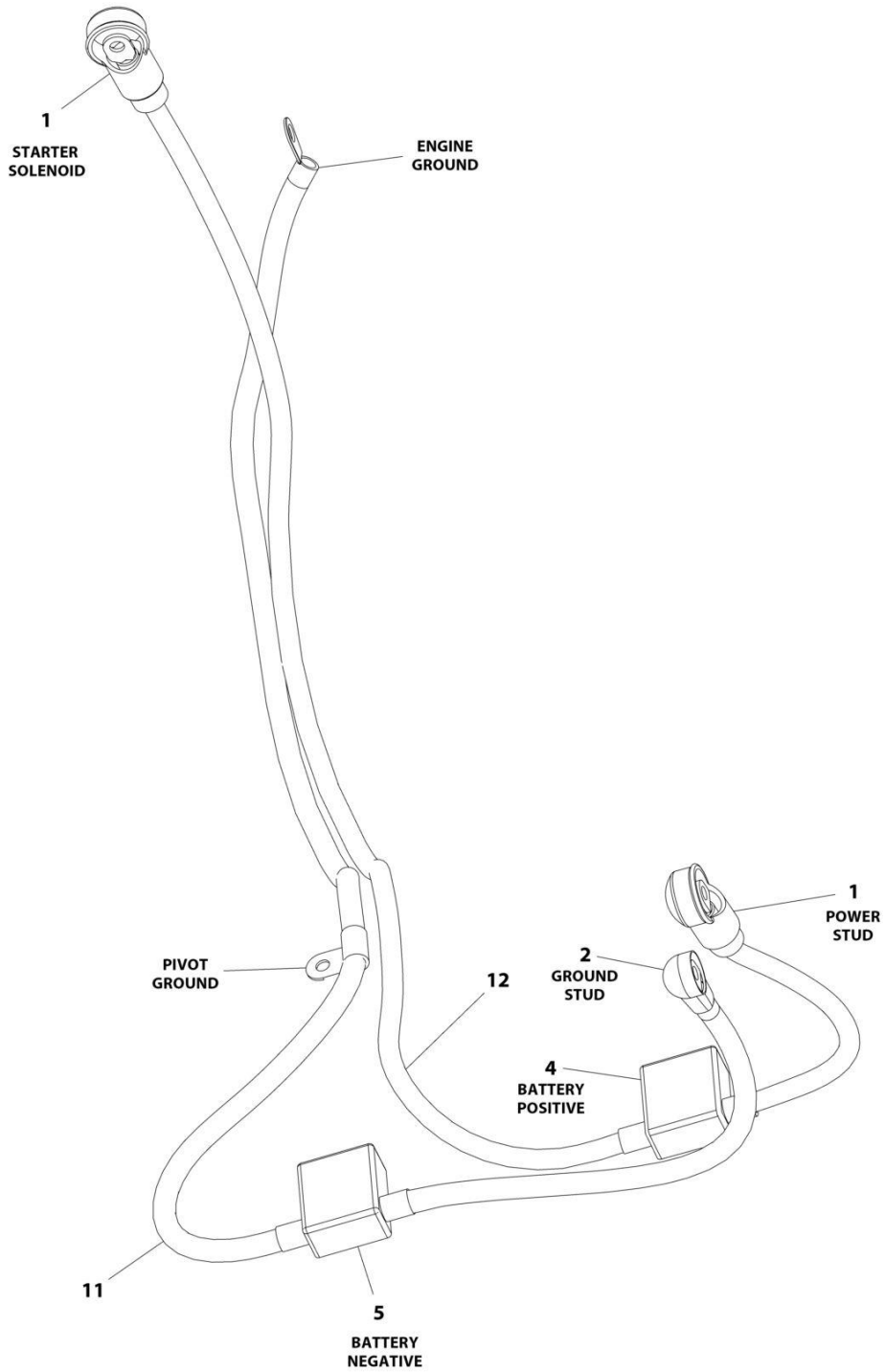
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FIGURE 8-10. BATTERY CABLE KIT - DIESEL ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186428	Ref	BATTERY CABLE KIT - DIESEL ENGINES	E
1	0840052	2	Boot	
2	1001098765	1	Boot	
4	1001186483	1	Boot	
5	1001186484	1	Boot	
11	70009008	1	Cable, Negative	
12	70009009	1	Cable, Positive	

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FIGURE 8-11. BATTERY CABLE KIT - GASOLINE ENGINES



ART_1001186429

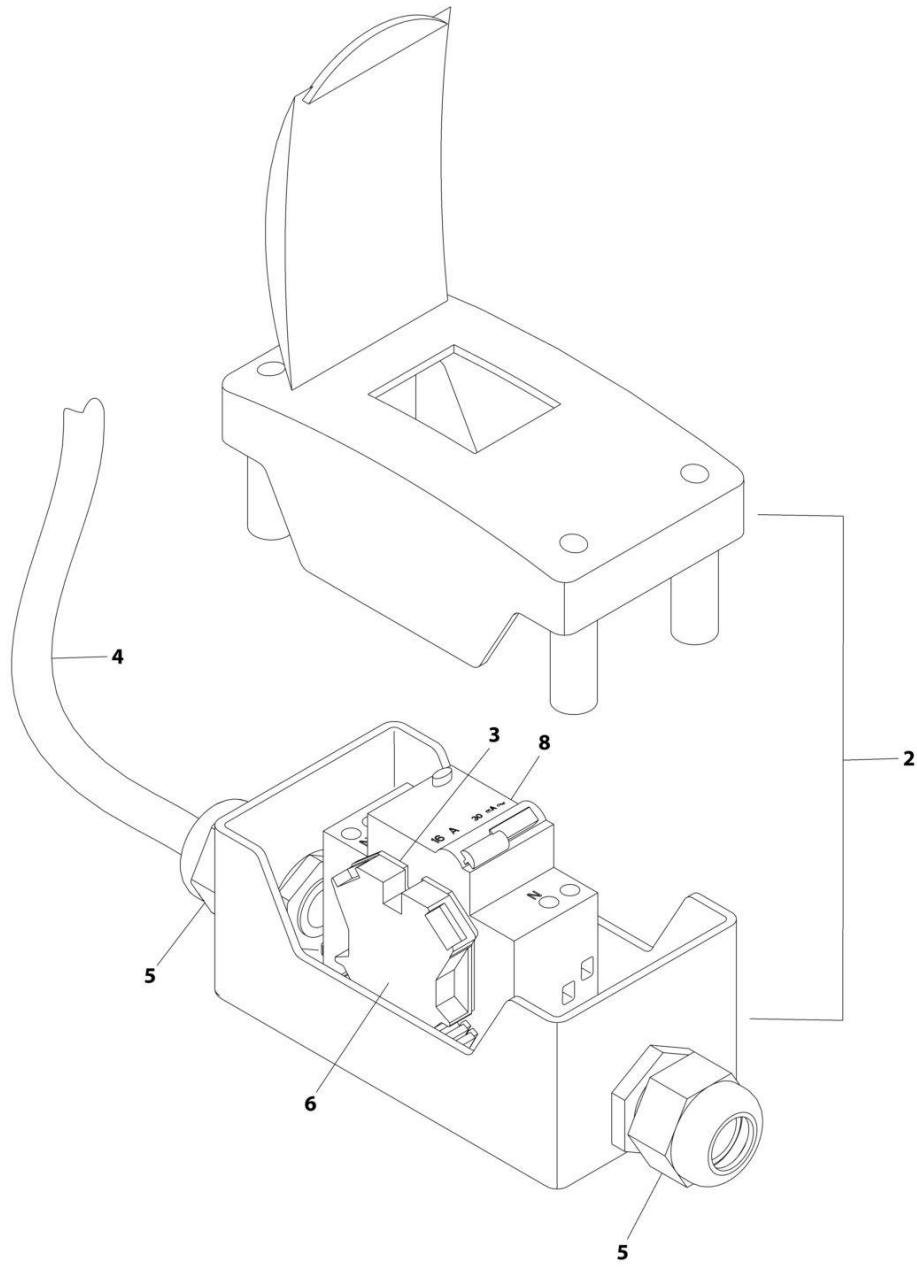
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FIGURE 8-11. BATTERY CABLE KIT - GASOLINE ENGINES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186429	Ref	BATTERY CABLE KIT - GASOLINE ENGINES	C
1	0840052	2	Boot	
2	1001098765	1	Boot	
4	1001186483	1	Boot	
5	1001186484	1	Boot	
11	70009010	1	Cable, Negative	
12	70009011	1	Cable, Positive	

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FIGURE 8-12. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER



ART_1001096070_E

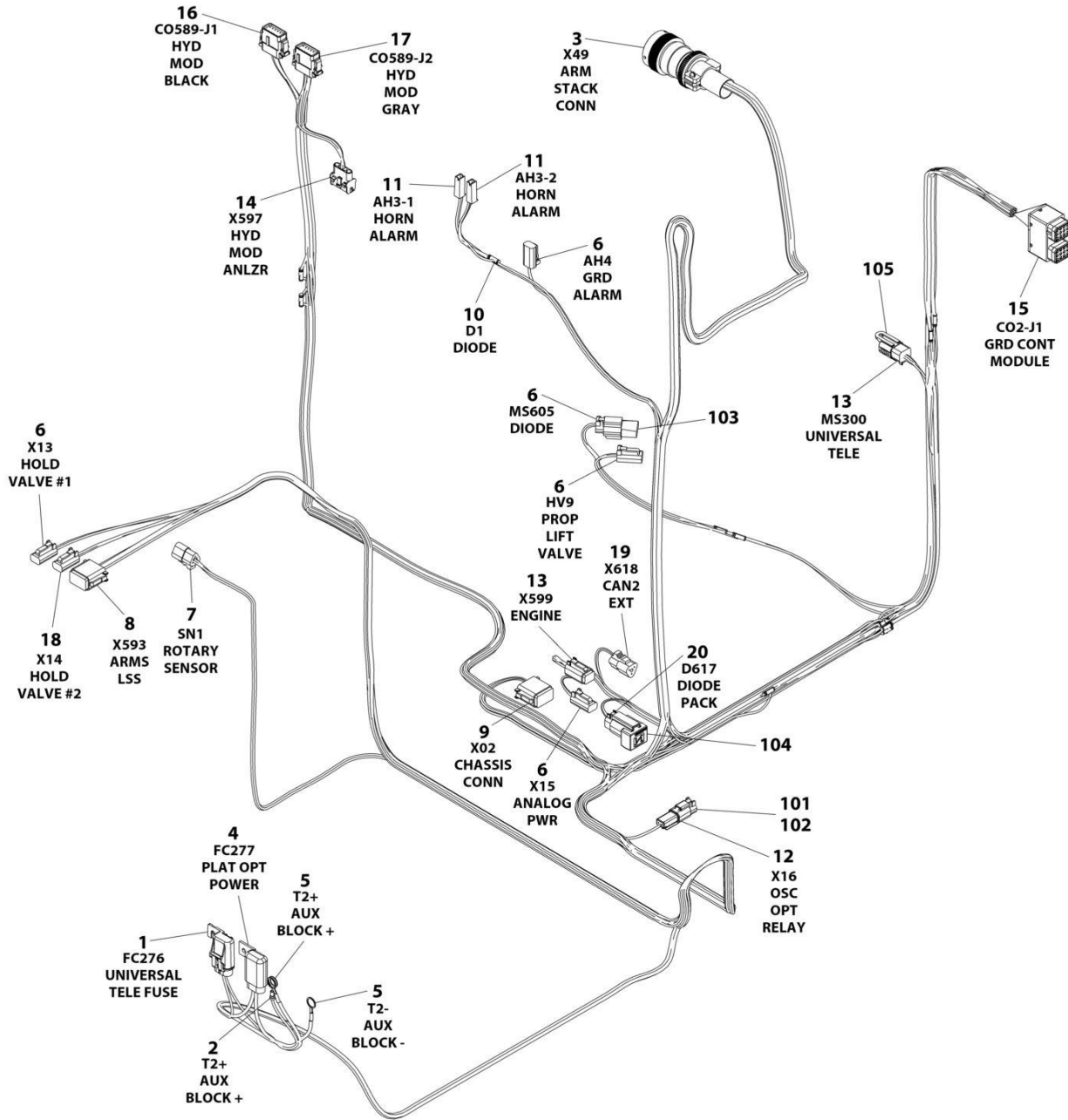
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FIGURE 8-12. BREAKER BOX KIT - SINGLE DOUBLE POLE BREAKER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001096070	Ref	BREAKER BOX KIT	E
2	0861880	1	Box	
3	4460956	1	Barrier, Terminal Block End	
4	1060908	12 ft/ 3.6m	Cable, 12/3	
5	1001097150	2	Connector, Strain Relief	
6	4460957	1	Block, Terminal	
8	1001181045	1	Breaker, 16Amp	

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FIGURE 8-13. CHASSIS HARNESS



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FIGURE 8-13. CHASSIS HARNESS

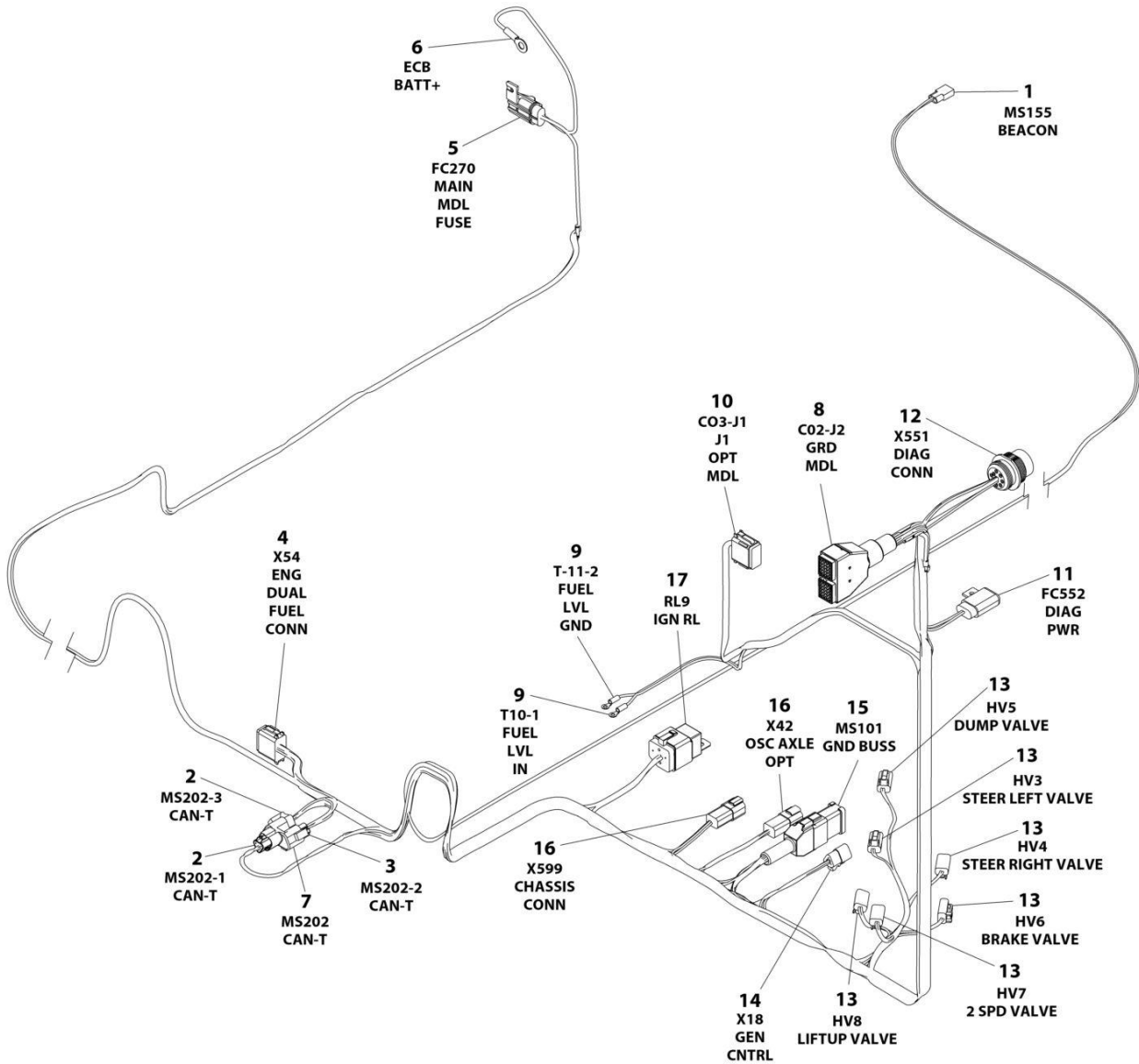
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001283872	Ref	CHASSIS HARNESS	B
1	1001117078	1	Fuseholder with 5 Amp Fuse	
1	See Note	NSS	Fuse - 5 Amp (Note: Purchase Locally)	
1	1001116733	2	Terminal	
2	4460670	1	Terminal, Ring	
3	1001116926	1	Connector - 24 Position	
3	4460465	4	Socket, Female	
3	4460509	4	Socket, Female	
3	4460944	3	Socket, Female	
3	4460466	10	Plug, Terminal	
4	1001117023	1	Fuseholder with 10 Amp Fuse	
4	See Note	NSS	Fuse - 10 Amp (Note: Purchase Locally)	
4	1001116752	2	Terminal	
5	4460019	2	Terminal, Ring	
6	4460891	5	Plug, Male - 2 Position	
6	4460465	10	Socket, Female	
7	4460539	1	Plug, Male - 3 Position	
7	4460465	3	Socket, Female	
8	4460930	1	Connector - 8 Position	
8	4460465	7	Socket, Female	
8	4460466	1	Plug, Terminal	
9	4460930	1	Connector - 8 Position	
9	4460465	3	Socket, Female	
9	4460944	3	Socket, Female	
9	4460466	2	Plug, Terminal	
10	3990010	1	Diode	
11	4460260	2	Cover, Terminal	
11	4460259	4	Terminal	
12	4460897	1	Receptacle, Female - 2 Position	
12	4460464	1	Pin, Male	
12	4460466	1	Plug, Terminal	
13	4460884	2	Plug, Male - 4 Position	
13	4460465	9	Socket, Female	
13	4460466	1	Plug, Terminal	
14	4460761	1	Receptacle, Female - 4 Position	
14	4460267	4	Pin, Male	
15	4460812	1	Connector - 24 Position	
15	4460465	14	Socket, Female	
15	4460942	2	Socket, Female	
15	4460944	3	Socket, Female	
15	4460466	5	Plug, Terminal	
15	0840056	1	Boot	
16	1001116808	1	Connector - 12 Position	
16	4460928	6	Terminal	
16	4460518	6	Plug, Terminal	
17	1001116774	1	Connector - 12 Position	
17	4460928	9	Terminal	
17	4460518	3	Plug, Terminal	
18	4460897	1	Plug, Male - 2 Position	
18	4460464	2	Socket, Female	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	4460539	1	Plug, Male - 3 Position	
19	4460465	3	Socket, Female	
20	4460884	1	Plug, Male - 4 Position	
20	4460466	1	Plug, Terminal	
20	4460465	3	Socket, Female	
101	4460466	2	Plug, Terminal	
102	4460891	1	Plug, Male - 2 Position	
103	1001116816	1	Connector, Diode	
104	1001152266	1	Connector	
105	1001192401	1	Connector	

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FIGURE 8-14. DUAL FUEL HARNESS



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FIGURE 8-14. DUAL FUEL HARNESS

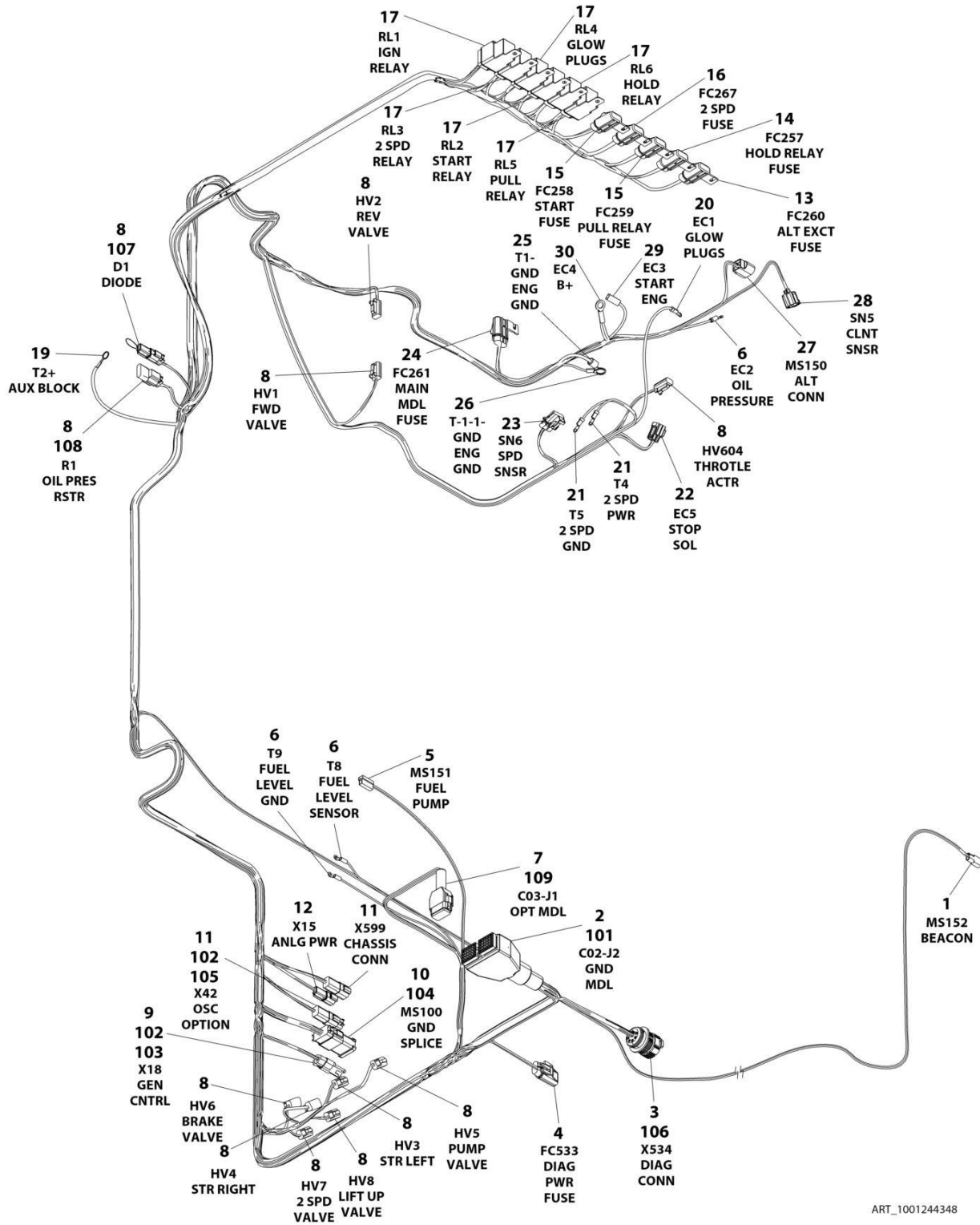
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236380	Ref	DUAL FUEL HARNESS	A
1	4460424	1	Plug, Male - 2 Position	
1	4460268	2	Socket, Female	
2	1001116812	2	Plug, Male - 3 Position	
2	4460944	6	Socket, Female	
3	4460539	1	Plug, Male - 3 Position	
3	4460944	3	Socket, Female	
4	4460933	1	Connector - 12 Position	
4	4460465	8	Socket, Female	
4	4460944	3	Socket, Female	
4	4460942	1	Socket, Female	
5	1001117069	1	Fuseholder with 20 Amp Fuse	
5	See Note	1	Fuse - 20 Amp (Note: Purchase Locally)	
5	1001116752	2	Terminal	
6	8220045	1	Terminal, Ring	
7	4460945	1	Receptacle - 3 Way	
8	4460814	1	Connector - 40 Position	
8	4460466	15	Plug, Terminal	
8	4460944	3	Socket, Female	
8	4460465	22	Socket, Female	
8	0840057	1	Boot	
9	8220007	2	Terminal, Ring	
10	4460933	1	Plug, Male - 12 Position	
10	4460465	2	Socket, Female	
10	4460944	3	Socket, Female	
10	4460466	7	Plug, Terminal	
10	1001174455	1	Boot	
11	1001117023	1	Fuseholder with 10 Amp Fuse	
11	See Note	1	Fuse - 10 Amp (Note: Purchase Locally)	
11	1001116733	2	Terminal	
12	1001112612	1	Connector - 9 Position	
12	4460464	3	Pin, Male	
12	4460943	3	Pin, Male	
12	4460466	3	Plug, Terminal	
13	4460891	6	Plug, Male	
13	4460465	12	Socket, Female	
14	4460539	1	Plug, Male - 3 Position	
14	4460465	3	Socket, Female	
14	4460536	1	Receptacle, Female - 3 Position	
14	4460466	3	Plug, Terminal	
15	4460836	1	Plug, Male - 12 Position	
15	4460465	10	Socket, Female	
15	4460466	2	Plug, Terminal	
15	4460837	1	Receptacle, Female - 12 Position	
16	4460932	2	Receptacle, Female - 4 Position	
16	4460464	7	Socket, Female	
16	4460466	1	Plug, Terminal	
16	4460884	1	Plug, Male - 4 Position	
16	4460466	4	Plug, Terminal	
17	1001117025	1	Relay and Receptacle	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	3740080	1	Relay	
17	1001116732	2	Terminal	
17	1001116734	2	Terminal	

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FIGURE 8-15. ENGINE HARNESS - KUBOTA DIESEL



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FIGURE 8-15. ENGINE HARNESS - KUBOTA DIESEL

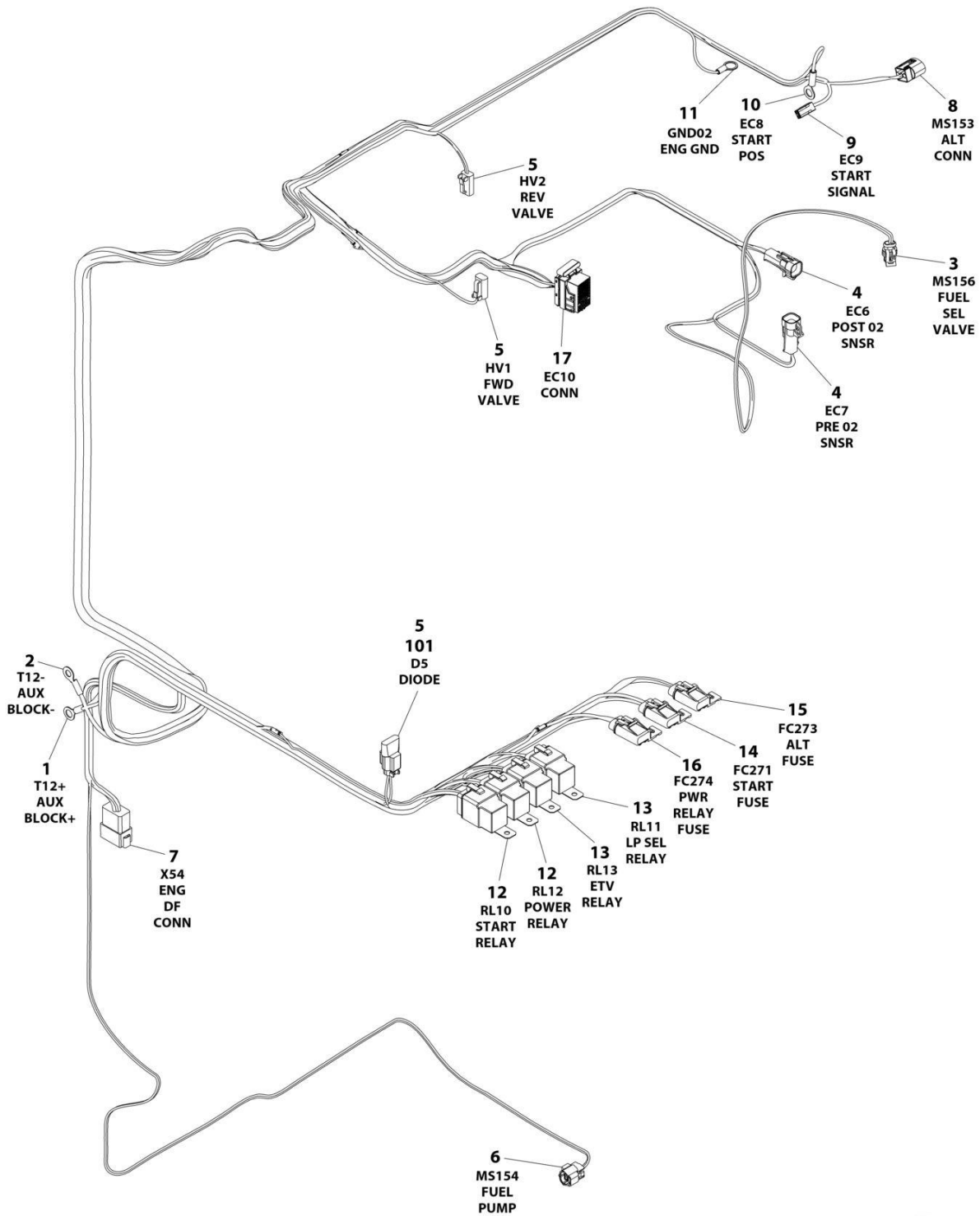
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244348	Ref	ENGINE HARNESS - KUBOTA DIESEL	D
1	4460424	1	Plug, Male - 2 Position	
1	4460268	2	Socket, Female	
2	4460814	1	Connector - 40 Position	
2	4460465	28	Socket, Female	
2	4460942	1	Socket, Female	
2	4460944	3	Socket, Female	
2	4460466	8	Plug, Terminal	
3	1001112612	1	Connector - 9 Position	
3	4460464	3	Pin, Male	
3	4460943	3	Pin, Male	
3	4460466	3	Plug, Terminal	
4	1001117078	1	Fuseholder with 5 Amp Fuse	
4	See Note	1	Fuse - 5 Amp (Note: Purchase Locally)	
4	1001116733	2	Terminal	
5	1001118744	1	Connector - 2 Position	
5	1001118745	2	Terminal	
6	4460247	2	Terminal, Ring	
7	4460933	1	Plug, Male - 12 Position	
7	4460465	2	Socket, Female	
7	4460944	3	Socket, Female	
7	4460466	7	Plug Terminal	
8	4460891	11	Plug, Male - 2 Position	
8	4460465	22	Socket, Female	
9	4460539	1	Plug, Male - 3 Position	
9	4460465	3	Socket, Female	
10	4460836	1	Plug, Male - 12 Position	
10	4460465	12	Socket, Female	
11	4460932	2	Receptacle, Female - 4 Position	
11	4460464	7	Pin, Male	
11	4460466	1	Plug, Terminal	
12	4460897	1	Receptacle, Female - 2 Position	
12	4460464	2	Pin, Male	
13	1001117069	1	Fuseholder with 20 Amp Fuse and Mounting Bracket	
13	See Note	1	Fuse - 20 Amp (Note: Purchase Locally)	
13	1001116733	2	Terminal	
14	1001117077	1	Fuseholder with 4 Amp Fuse and Mounting Bracket	
14	See Note	1	Fuse - 4 Amp (Note: Purchase Locally)	
14	1001116733	1	Terminal	
14	1001116752	1	Terminal	
15	1001118938	2	Fuseholder with 40 Amp Fuse and Mounting Bracket	
15	See Note	2	Fuse - 40 Amp (Note: Purchase Locally)	
15	1001116752	4	Terminal	
16	1001117070	1	Fuseholder with 30 Amp Fuse and Mounting Bracket	
16	See Note	1	Fuse - 30 Amp (Note: Purchase Locally)	
16	1001116752	2	Terminal	
17	1001266832	6	Relay with Connector	
17	3740080	6	Relay	
17	1001116734	11	Terminal	
17	1001116732	12	Terminal	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	1001116733	1	Terminal	
17	1001128128	1	Plug, Terminal	
19	4460019	2	Terminal, Ring	
20	4460142	1	Terminal, Ring	
21	4460042	2	Terminal, Ring	
22	1001223432	1	Connector - 2 Position	
22	1001223795	2	Terminal	
22	1001223796	2	Seal, Terminal	
23	1001117055	1	Plug, Male - 3 Position	
23	4460746	2	Terminal	
24	1001117069	1	Fuseholder with 10 Amp Fuse and Mounting Bracket	
24	See Note	1	Fuse - 10 Amp (Note: Purchase Locally)	
24	1001116752	2	Terminal	
25	8220029	1	Terminal	
26	8220111	1	Terminal, Ring	
27	1001125748	1	Connector - 3 Position	
27	1001125773	2	Terminal	
27	1001129773	1	Terminal	
27		Ref	Seal, Terminal	
28	1001118657	1	Connector - 2 Position	
28	1001118658	2	Terminal	
29	1001118743	1	Housing, Terminal	
29	1001230488	1	Terminal	
30	8220164	1	Terminal, Ring	
101	0840057	1	Boot	
102	4460466	7	Plug, Terminal	
103	4460536	1	Receptacle, Female - 3 Position	
104	4460837	1	Connector, Bussbar	
105	4460884	1	Plug, Male	
106	1001106736	1	Dust Cap	
107	1001116816	3	Receptacle, Female - 2 Position with Diode (at D1, D2 & D3)	
108	1001195684	1	Receptacle, Female - 2 Position with Resistor (at R1)	
109	1001174455	1	Boot	

SECTION 8 - ELECTRICAL

FIGURE 8-16. ENGINE HARNESS - KUBOTA GASOLINE



ART_1001244349

SECTION 8 - ELECTRICAL

FIGURE 8-16. ENGINE HARNESS - KUBOTA GASOLINE

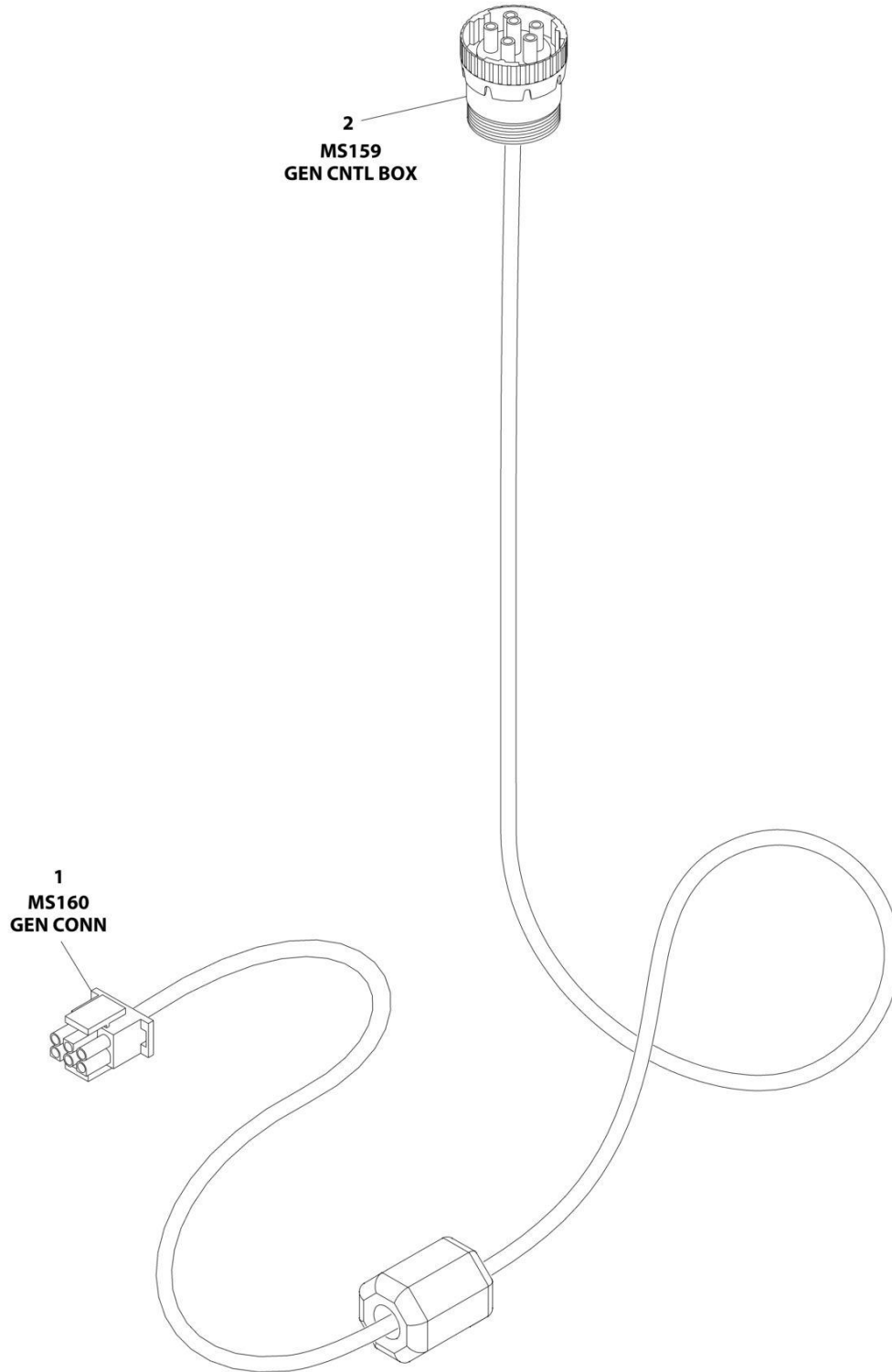
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244349	Ref	ENGINE HARNESS - KUBOTA GASOLINE	E
1	8220164	1	Terminal, Ring	
2	8220045	1	Terminal, Ring	
3	4461118	1	Plug, Male - 2 Position	
3	1001107854	2	Terminal	
3	1001116763	2	Seal	
4	1001184722	2	Receptacle, Female - 4 Position	
4	1001116749	8	Terminal	
4	4460608	8	Seal	
5	4460891	3	Plug, Male - 2 Position	
5	4460465	6	Socket, Female	
6	1001184832	1	Connector - 2 Position	
6	1001118658	2	Terminal	
6	1001205250	2	Seal	
7	4460970	1	Connector - 12 Position	
7	4460464	8	Pin, Male	
7	4460943	3	Pin, Male	
7	4460941	1	Pin, Male	
8	1001125748	1	Connector - 3 Position	
8	1001125773	3	Terminal	
8	1001129772	2	Seal	
9	1001184768	1	Housing, Terminal	
9	1001184769	1	Terminal	
10	1001117110	1	Terminal, Ring	
11	8220111	1	Terminal, Ring	
12	1001265084	2	Relay with Connector	
12	3740080	2	Relay	
12	1001116752	4	Terminal	
12	1001116732	4	Terminal	
13	1001117025	2	Relay with Connector	
13	3740080	2	Relay	
13	1001116733	4	Terminal	
13	1001116732	4	Terminal	
14	1001118938	1	Fuseholder with 40 Amp Fuse and Mounting Bracket	
14	See Note	1	Fuse - 40 Amp (Note: Purchase Locally)	
14	1001116752	2	Terminal	
15	1001117078	1	Fuseholder with 5 Amp Fuse and Mounting Bracket	
15	See Note	1	Fuse - 5 Amp (Note: Purchase Locally)	
15	1001116732	AR	Terminal	
16	1001117070	1	Fuseholder with 30 Amp Fuse and Mounting Bracket	
16	See Note	1	Fuse - 30 Amp (Note: Purchase Locally)	
16	1001116752	2	Terminal	
17	1001184705	1	Connector - 42 Position	
17	1001187455	4	Terminal	
17	1001184718	4	Terminal	
17	1001166702	1	Terminal	
17	1001184716	10	Terminal	
17	1001184717	2	Terminal	
17	4461054	4	Seal	
17	1001167690	5	Seal	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	1001126393	12	Seal	
101	1001118616	1	Receptacle, Female with Diode	

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FIGURE 8-17. GENERATOR CONTROL HARNESS - 4000W GENERATOR (GENERATOR TO CONTROL BOX)



ART_1001236444

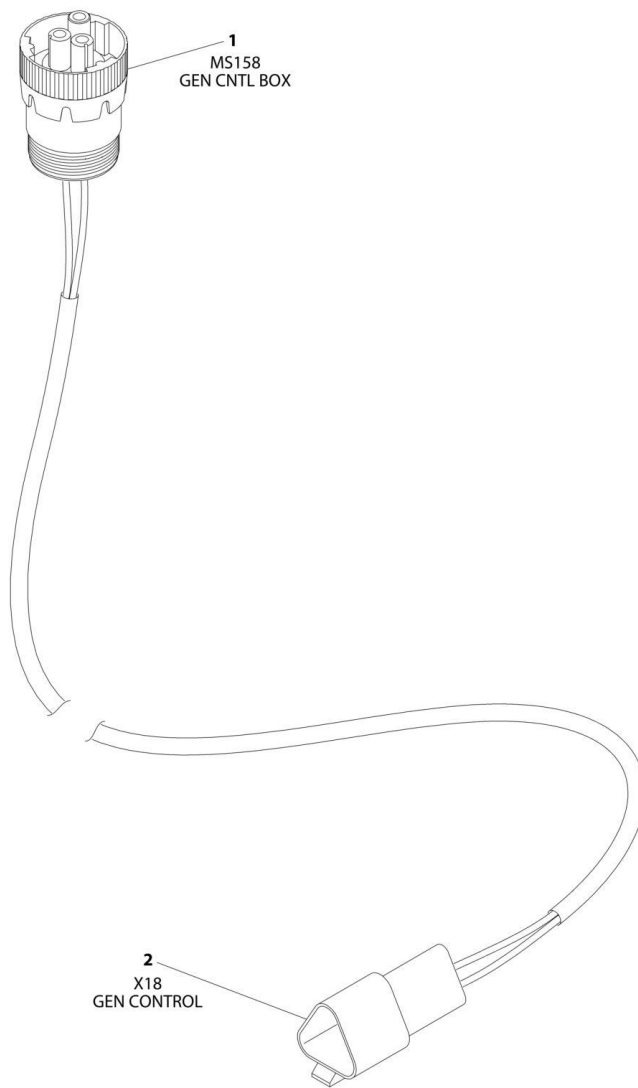
SECTION 8 - ELECTRICAL

FIGURE 8-17. GENERATOR CONTROL HARNESS - 4000W GENERATOR (GENERATOR TO CONTROL BOX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236444	Ref	GENERATOR CONTROL HARNESS - 4000W GENERATOR (GENERATOR TO CONTROL BOX)	A
1	4460225	1	Plug, Male - 6 Position	
1	4460268	2	Socket, Female	
1	4460808	1	Seal, Connector	
1	4460807	1	Seal, Terminal	
2	77363233	1	Connector - 6 Position	
2	4460465	2	Socket, Female	
2	4460466	4	Plug, Terminal	

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FIGURE 8-18. GENERATOR CONTROL HARNESS - 4000W GENERATOR (CONTROL BOX TO GENERATOR CONTROL)



ART_1001186826

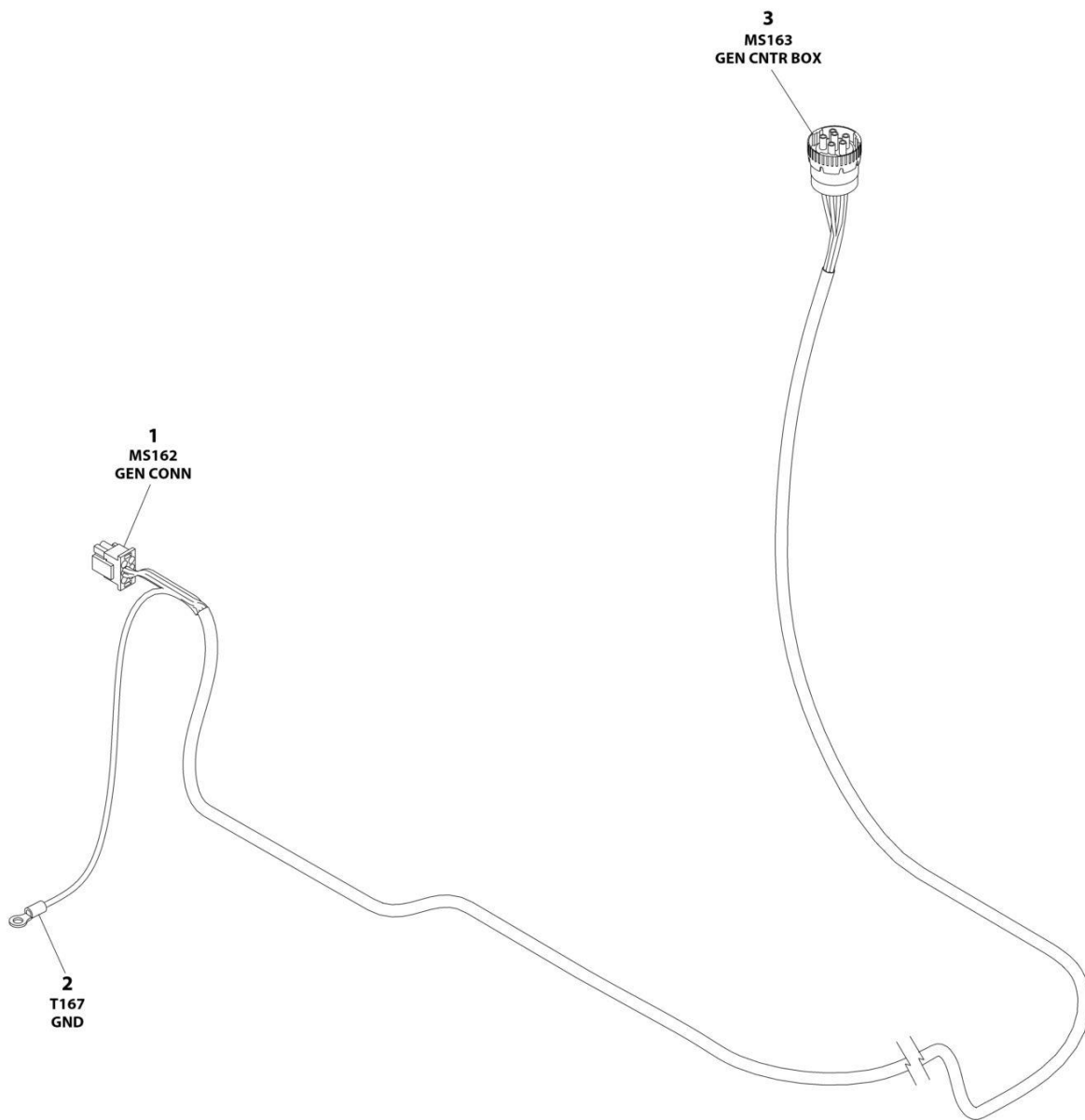
SECTION 8 - ELECTRICAL

FIGURE 8-18. GENERATOR CONTROL HARNESS - 4000W GENERATOR (CONTROL BOX TO GENERATOR CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186826	Ref	GENERATOR CONTROL HARNESS - 4000W GENERATOR (CONTROL BOX TO GENERATOR CONTROL)	C
1	4460967	1	Connector - 3 Position	
1	4460465	2	Socket, Female	
1	4460466	1	Plug, Terminal	
2	4460536	1	Receptacle, Female - 3 Position	
2	4460464	2	Pin, Male	
2	4460466	1	Plug, Terminal	

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FIGURE 8-19. GENERATOR CONTROL HARNESS - 7500W GENERATOR (GENERATOR TO CONTROL BOX)



ART_1001236442

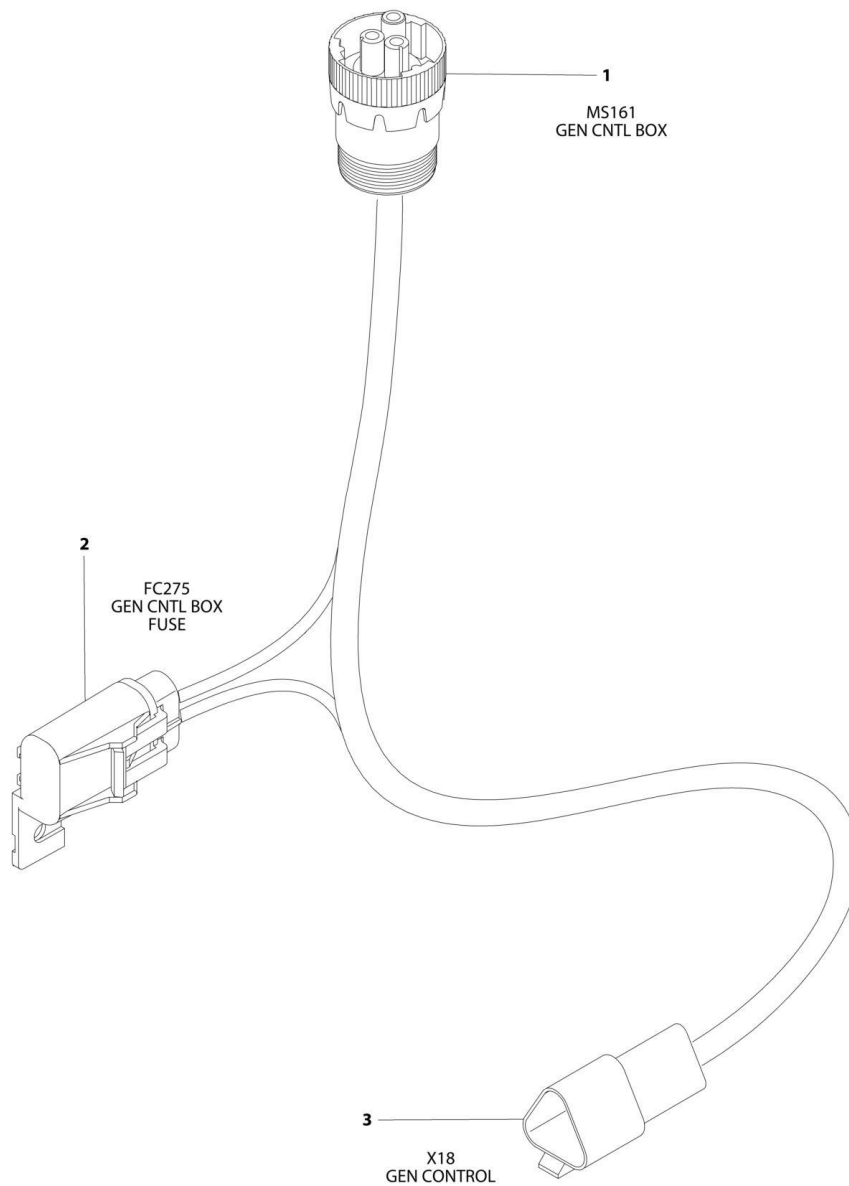
SECTION 8 - ELECTRICAL

FIGURE 8-19. GENERATOR CONTROL HARNESS - 7500W GENERATOR (GENERATOR TO CONTROL BOX)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236442	Ref	GENERATOR CONTROL HARNESS - 7500W	A
1	4460225	1	Plug, Male - 6 Position	
1	4460808	1	Seal, Terminal	
1	4460268	6	Socket, Female	
2	4460043	1	Terminal, Ring	
3	77363233	1	Connector - 6 Position	
3	4460465	6	Socket, Female	

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FIGURE 8-20. GENERATOR CONTROL HARNESS - 7500W GENERATOR (CONTROL BOX TO GENERATOR CONTROL)



ART_1001186822

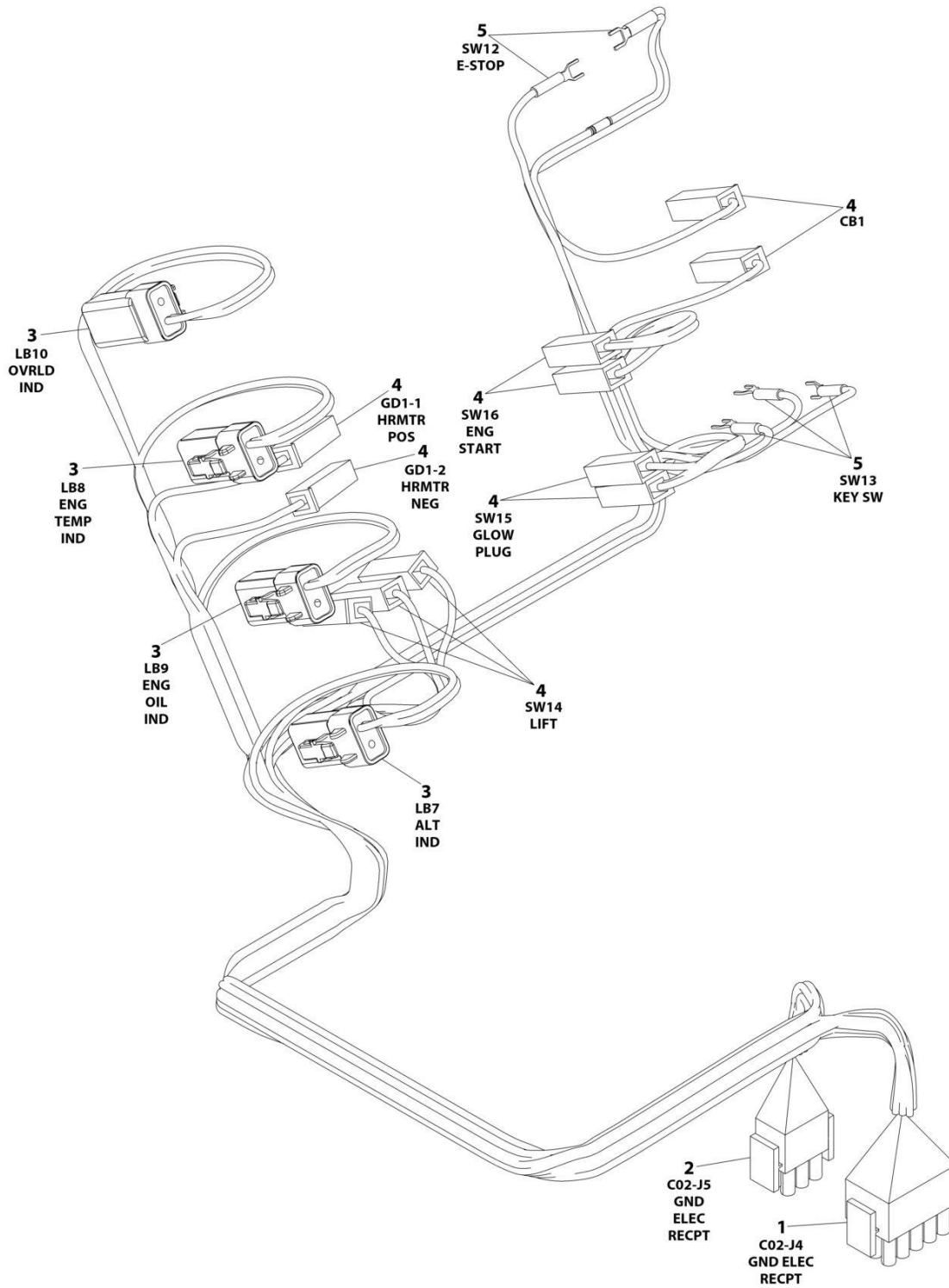
SECTION 8 - ELECTRICAL

FIGURE 8-20. GENERATOR CONTROL HARNESS - 7500W GENERATOR (CONTROL BOX TO GENERATOR CONTROL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001186822	Ref	GENERATOR CONTROL HARNESS - 7500W GENERATOR (CONTROL BOX TO GENERATOR CONTROL)	D
1	4460967	1	Connector	
1	4460465	3	Socket, Female	
2	1001117078	1	Connector - 2 Position	
2	1001116733	2	Terminal, Female	
3	4460536	1	Receptacle, Female - 3 Position	
3	4460464	3	Pin, Male	

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FIGURE 8-21. GROUND CONTROL BOX HARNESS - LOWER



ART_1001236153

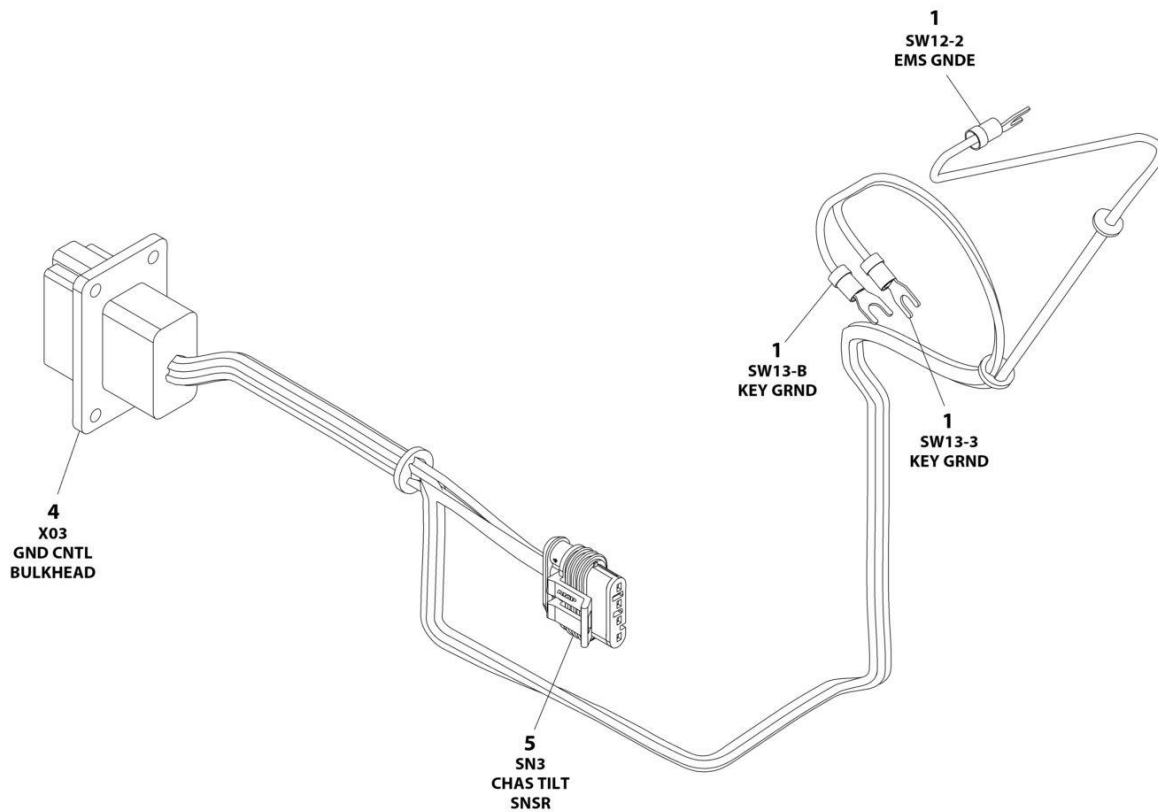
SECTION 8 - ELECTRICAL

FIGURE 8-21. GROUND CONTROL BOX HARNESS - LOWER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236153	Ref	GROUND CONTROL BOX HARNESS - LOWER	B
1	4460434	1	Connector - 15 Position	
1	4460268	11	Socket, Female	
2	4460225	1	Connector - 6 Position	
2	4460268	6	Socket, Female	
3	1001126245	4	Receptacle, Female - 2 Position	
3	4460928	8	Socket, Female	
4	4460260	11	Cover, Terminal	
4	4460259	11	Terminal	
5	4460183	4	Terminal, Fork	
5	4460115	2	Terminal, Fork	

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FIGURE 8-22. GROUND CONTROL BOX HARNESS - UPPER



ART_1001227353

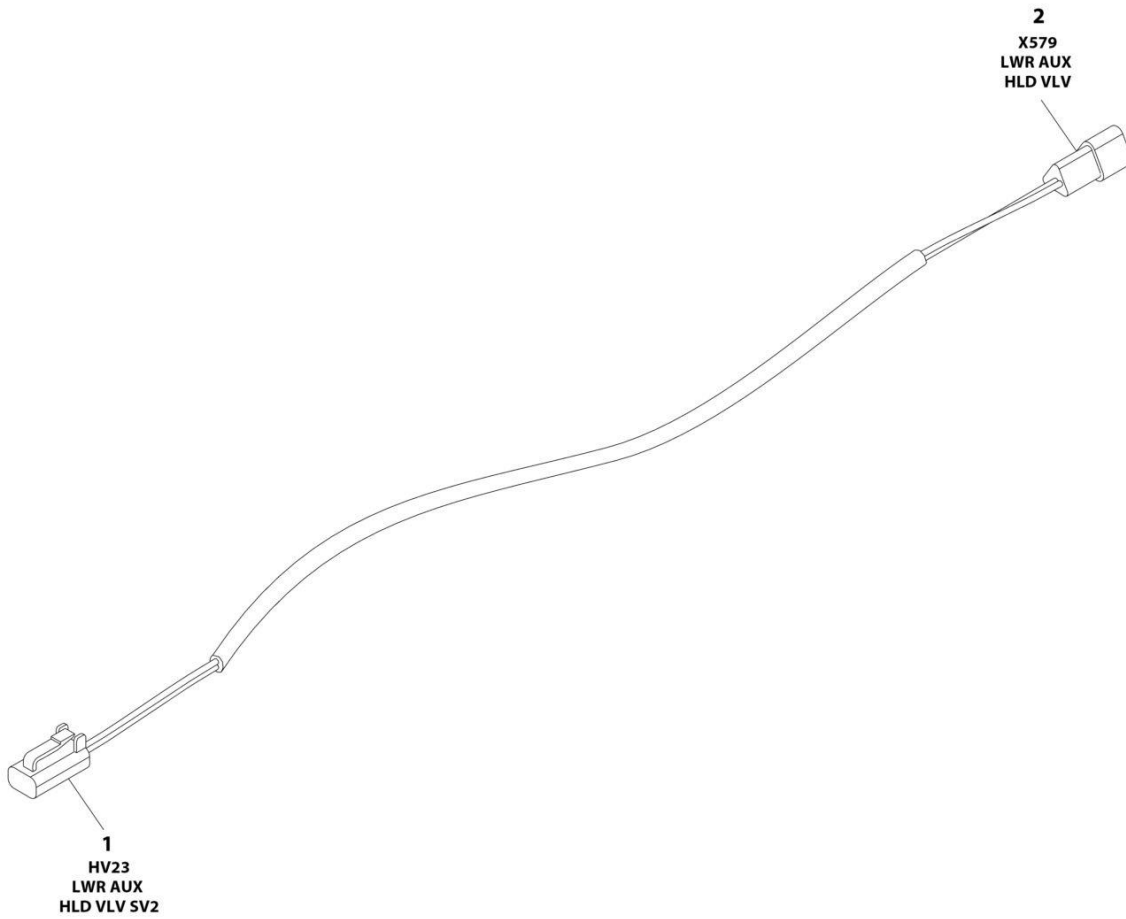
SECTION 8 - ELECTRICAL

FIGURE 8-22. GROUND CONTROL BOX HARNESS - UPPER

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001227353	Ref	GROUND CONTROL BOX HARNESS - UPPER	A
1	4460183	3	Terminal, Fork	
4	4460939	1	Connector - 12 Position	
4	4460464	5	Pin, Male	
4	4460943	2	Pin, Male	
4	4460466	5	Plug, Terminal	
5	1001103012	1	Plug, Male - 4 Position	
5	1001107854	4	Terminal	
5	1001104498	4	Seal	

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FIGURE 8-23. GROUND TO LOWER AUXILIARY HOLDING VALVE HARNESS



ART_1001222343

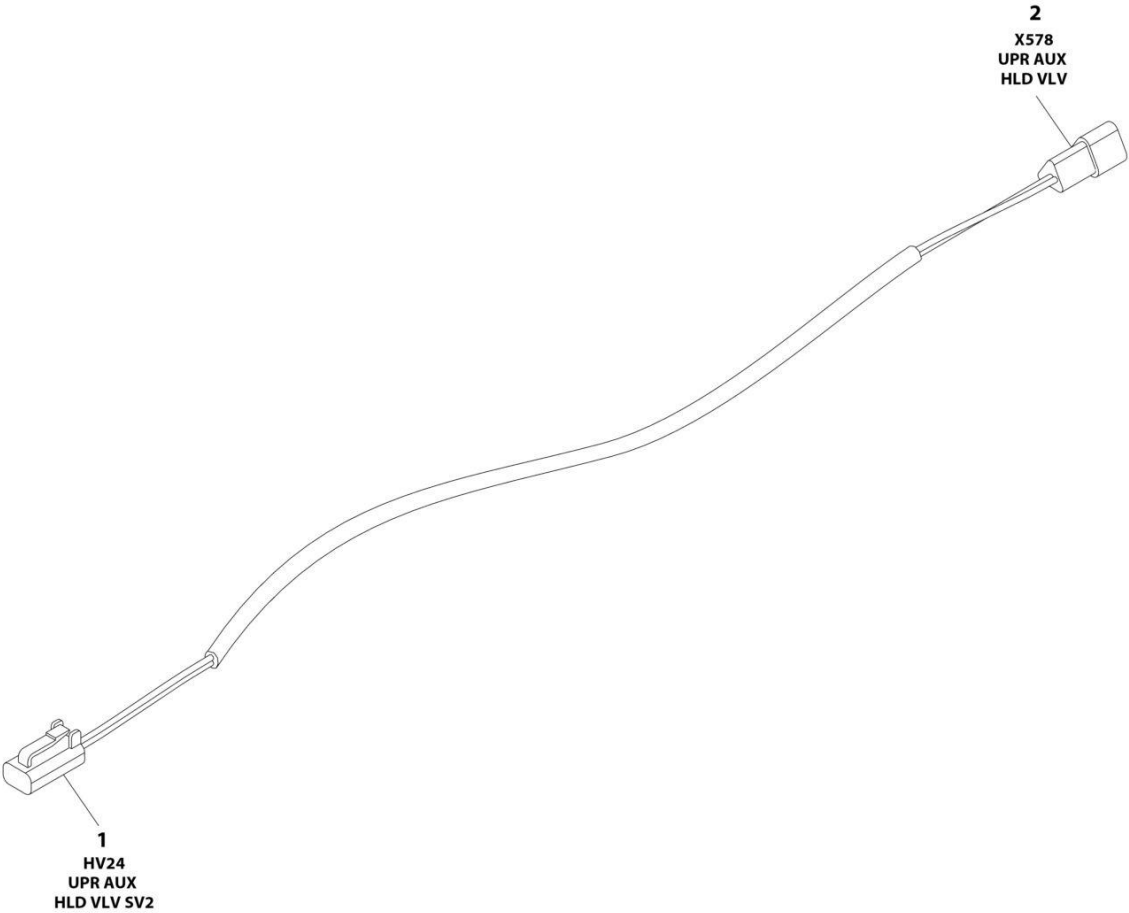
SECTION 8 - ELECTRICAL

FIGURE 8-23. GROUND TO LOWER AUXILIARY HOLDING VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222343	Ref	GROUND TO LOWER AUXILIARY HOLDING VALVE HARNESS	B
1	4460891	1	Plug, Male - 2 Position	
1	4460465	2	Socket, Female	
2	4460536	1	Receptacle, Female - 3 Position	
2	4460464	2	Pin, Male	
2	4460466	1	Plug, Terminal	

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FIGURE 8-24. GROUND TO UPPER AUXILIARY HOLDING VALVE HARNESS



ART_1001222344

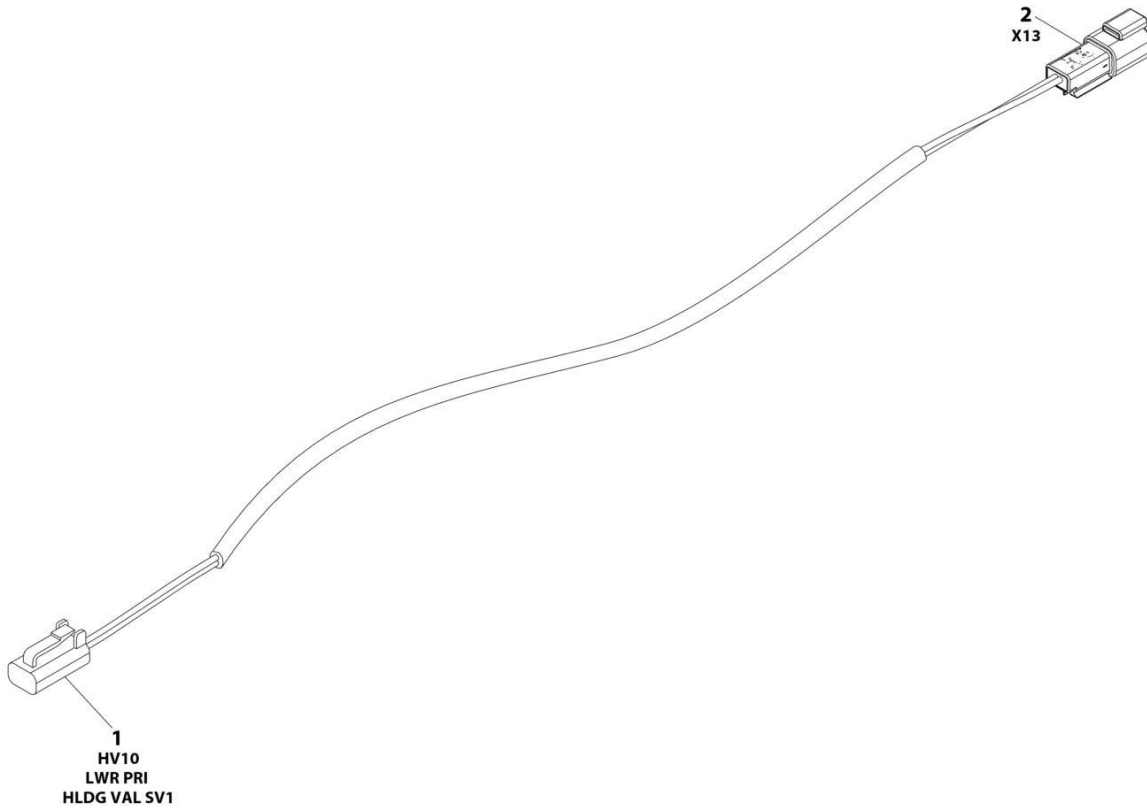
SECTION 8 - ELECTRICAL

FIGURE 8-24. GROUND TO UPPER AUXILIARY HOLDING VALVE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222344	Ref	GROUND TO UPPER AUXILIARY HOLDING VALVE HARNESS	B
1	4460891	1	Plug, Male - 2 Position	
1	4460465	2	Socket, Female	
2	4460539	1	Plug, Male - 3 Position	
2	4460465	2	Socket, Female	
2	4460466	1	Plug, Terminal	

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FIGURE 8-25. GROUND TO LOWER LIFT CYLINDER HARNESS



ART_1001190522

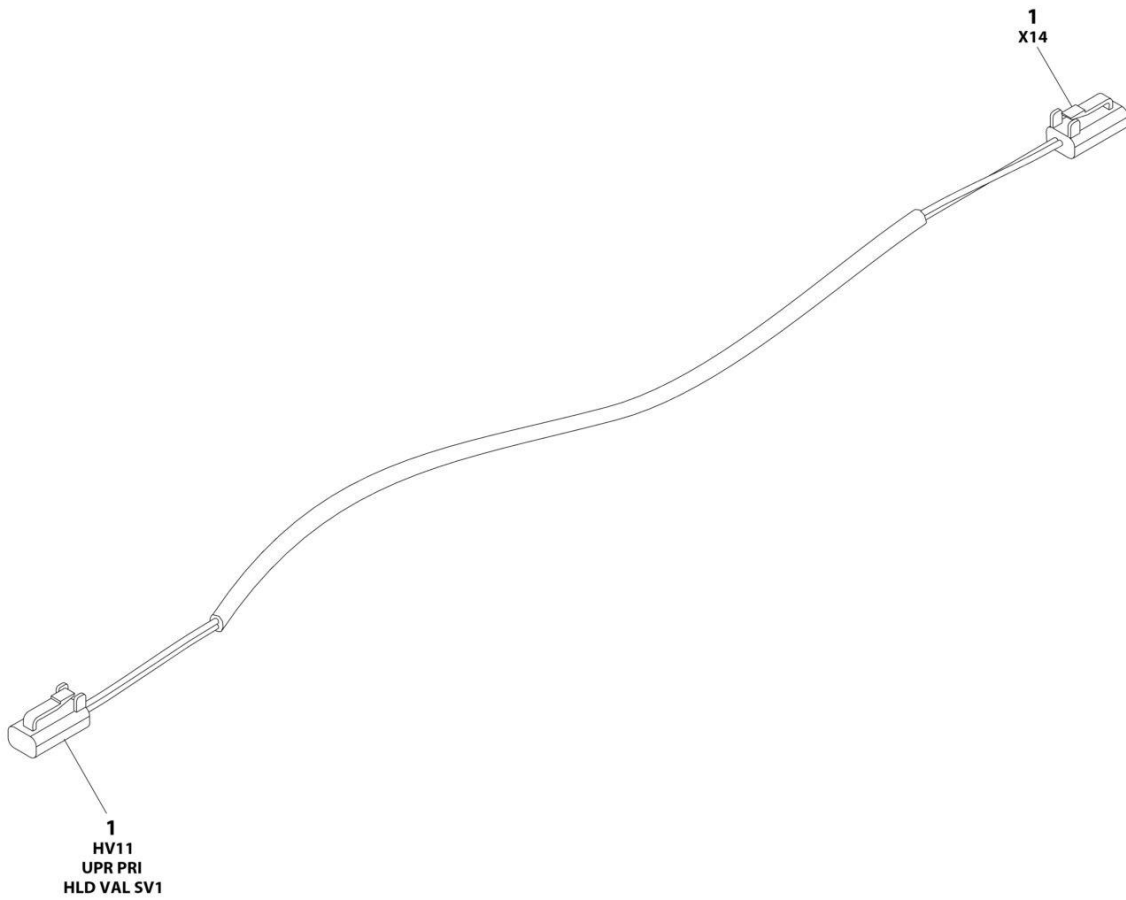
SECTION 8 - ELECTRICAL

FIGURE 8-25. GROUND TO LOWER LIFT CYLINDER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190522	Ref	GROUND TO LOWER LIFT CYLINDER HARNESS	C
1	4460891	1	Plug, Male - 2 Position	
1	4460465	2	Socket, Female	
2	4460897	1	Receptacle, Female - 2 Position	
2	4460464	2	Pin, Male	

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FIGURE 8-26. GROUND TO UPPER LIFT CYLINDER HARNESS



ART_1001190524

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FIGURE 8-26. GROUND TO UPPER LIFT CYLINDER HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001190524	Ref	GROUND TO UPPER LIFT CYLINDER HARNESS	C
1	4460891	2	Plug, Male - 2 Position	
1	4460465	4	Socket, Female	

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FIGURE 8-27. GROUND TO PLATFORM HARNESS



ART_1001236865

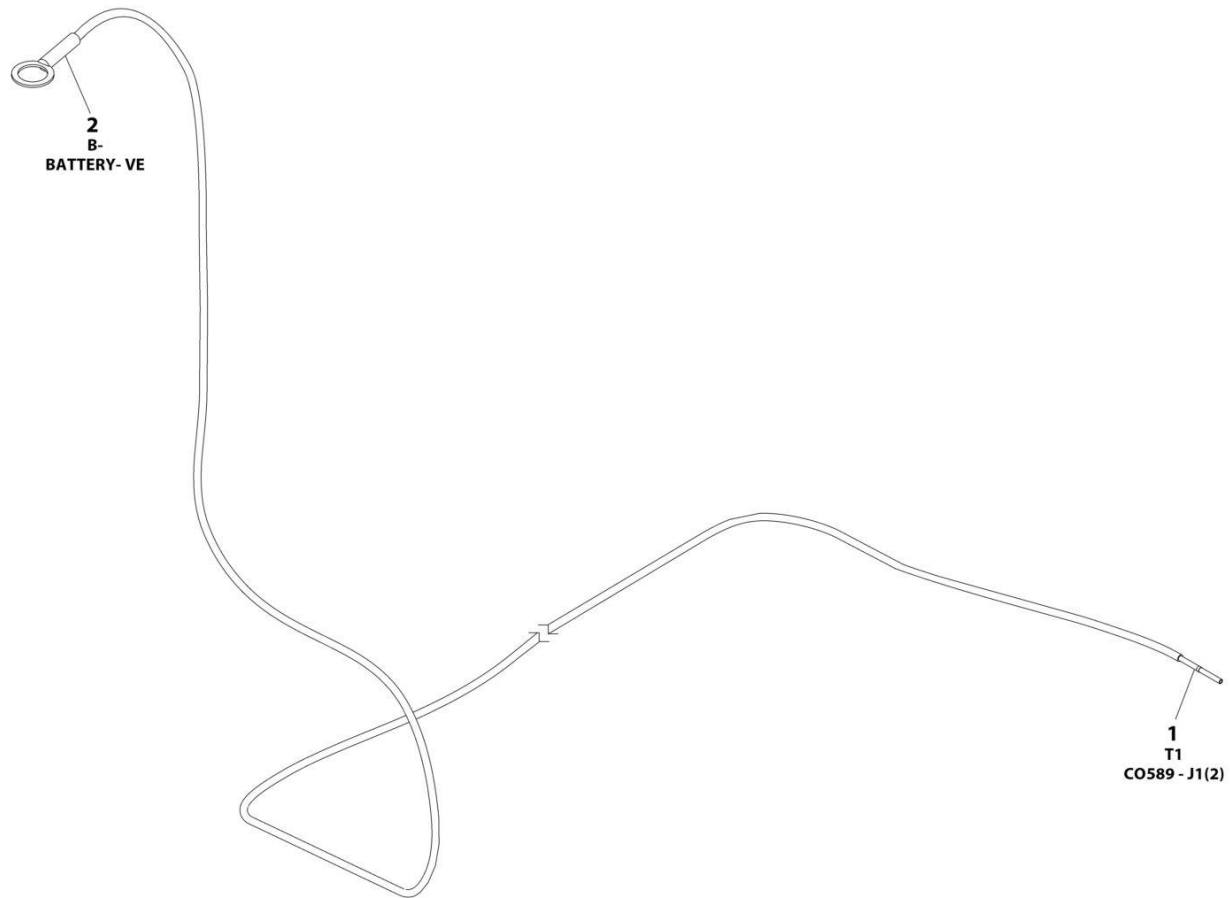
SECTION 8 - ELECTRICAL

FIGURE 8-27. GROUND TO PLATFORM HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236865	Ref	GROUND TO PLATFORM HARNESS	A
1	1001116926	1	Connector - 21 Position	
1	4460465	8	Socket, Female	
1	4460509	4	Socket, Female	
1	4460944	2	Socket, Female	
1	4460466	7	Plug, Terminal	
2	1001116930	1	Connector - 21 Position	
2	4460464	8	Pin, Male	
2	4460508	4	Pin, Male	
2	4460943	2	Pin, Male	
2	4460466	7	Plug, Terminal	

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FIGURE 8-28. GROUND WIRE HARNESS (SN M200085852 to Present)



ART_1001308688

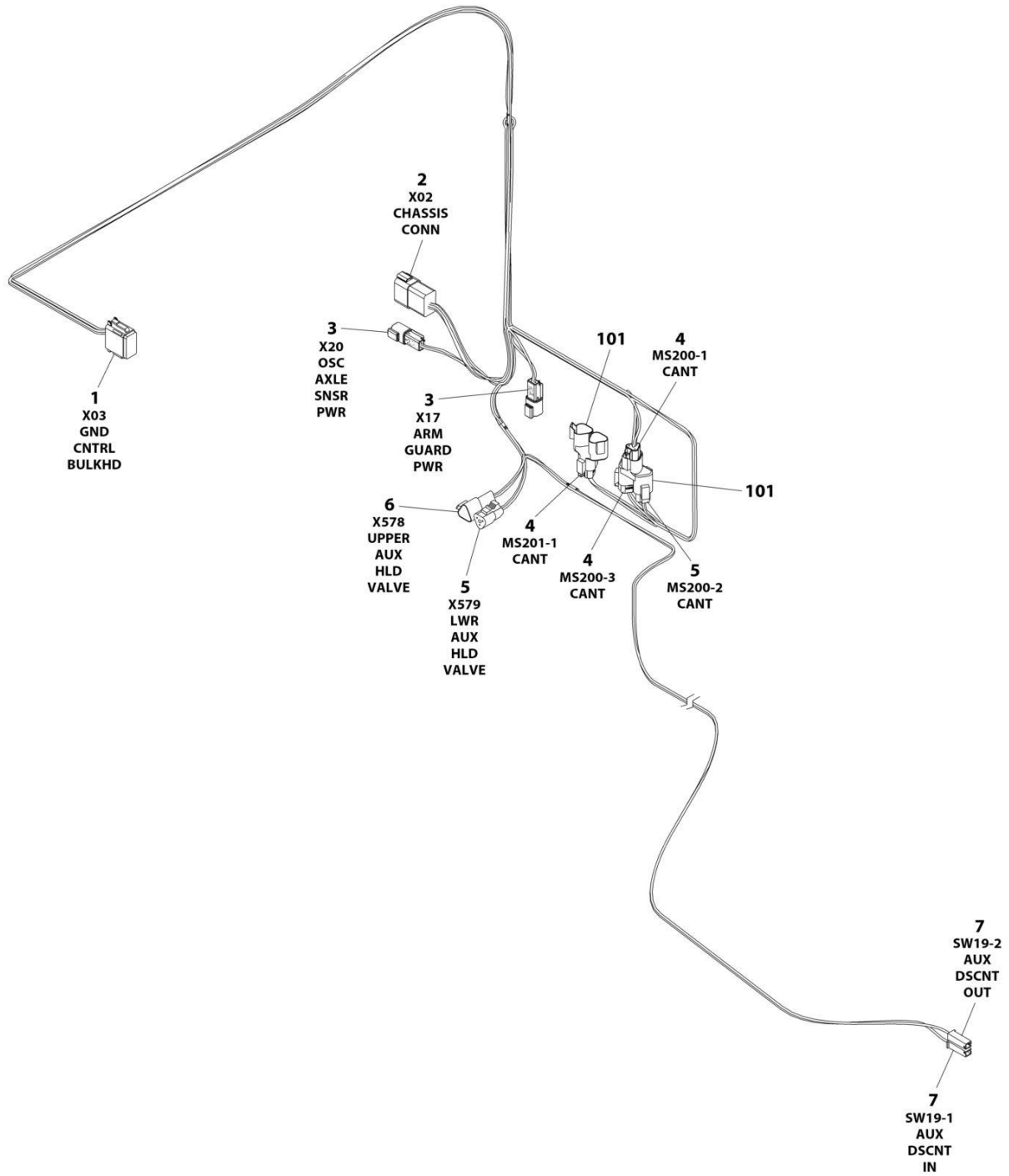
SECTION 8 - ELECTRICAL

FIGURE 8-28. GROUND WIRE HARNESS (SN M200085852 to Present)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001308688	Ref	GROUND WIRE HARNESS	A
1	1001126008	1	Socket	
2	4460256	1	Terminal, Ring	

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FIGURE 8-29. HYDRAULIC COMPARTMENT HARNESS



ART_1001222025

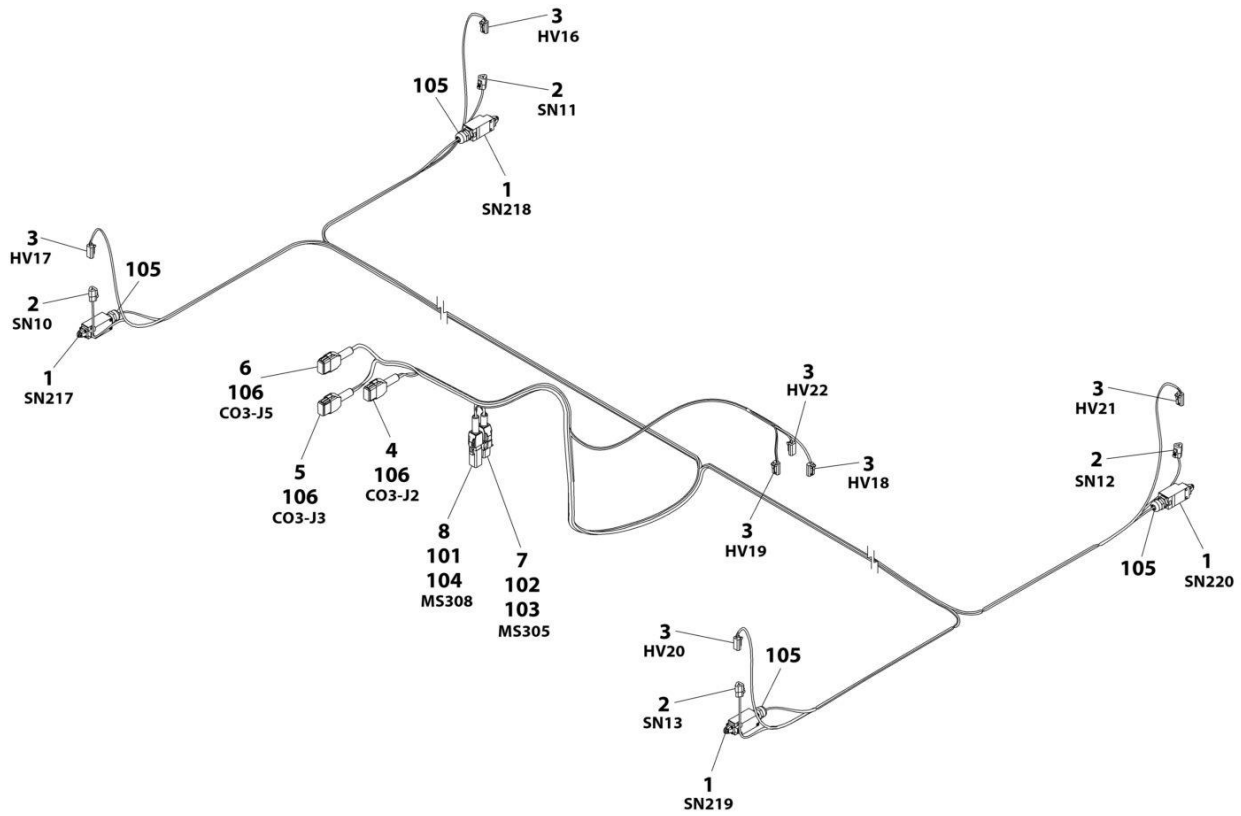
SECTION 8 - ELECTRICAL

FIGURE 8-29. HYDRAULIC COMPARTMENT HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001222025	Ref	HYDRAULIC COMPARTMENT HARNESS	A
1	4460933	1	Plug, Male - 12 Position	
1	4460465	4	Socket, Female	
1	4460944	2	Socket, Female	
1	4460466	6	Plug, Terminal	
2	4460931	1	Receptacle, Female - 8 Position	
2	4460464	3	Pin, Male	
2	4460943	3	Pin, Male	
2	4460466	2	Plug, Terminal	
3	4460897	2	Receptacle, Female - 2 Position	
3	4460464	4	Pin, Male	
4	1001116812	3	Plug, Male - 3 Position	
4	4460944	9	Socket, Female	
5	4460539	2	Plug, Male - 3 Position	
5	4460944	6	Terminal	
6	4460536	1	Receptacle, Female - 3 Position	
6	4460464	2	Pin, Male	
6	4460466	1	Plug, Terminal	
7	4460260	2	Holder, Terminal	
7	4460259	2	Terminal	
101	4460945	2	Receptacle - 3 Way	

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FIGURE 8-30. LEVELING JACK HARNESS



ART_1001297017

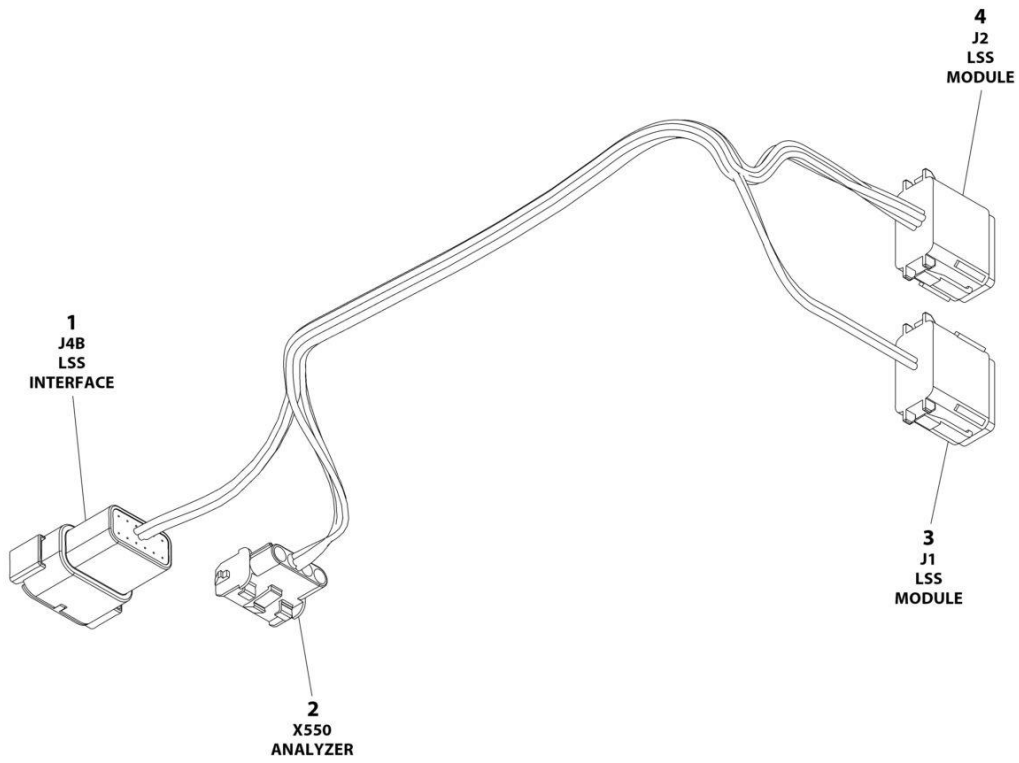
SECTION 8 - ELECTRICAL

FIGURE 8-30. LEVELING JACK HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001297017	Ref	LEVELING JACKS HARNESS	A
1	4360548	4	Switch, Limit	
2	4460539	4	Plug, Male - 3 Position	
2	4460465	12	Socket, Female	
3	4460891	7	Plug, Male - 2 Position	
3	4460465	14	Socket, Female	
4	4460836	1	Plug, Male - 12 Position	
4	4460465	8	Socket, Female	
4	4460466	4	Plug, Terminal	
5	4460934	1	Plug, Male - 12 Position	
5	4460465	12	Socket, Female	
6	4460935	1	Plug, Male -12 Position	
6	4460465	5	Socket, Female	
6	4460466	7	Plug, Terminal	
7	4460851	1	Connector - 8 Position	
8	4460894	1	Connector - 6 Position	
101	0840059	1	Boot	
102	0840061	1	Boot	
103	4460852	1	Connector - 8 Position	
104	4460892	1	Bussbar - 6 Position	
105	1001243778	4	Connector, Strain Relief	
106	1001174455	3	Boot	

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FIGURE 8-31. LSS HARNESS



ART_1001226830

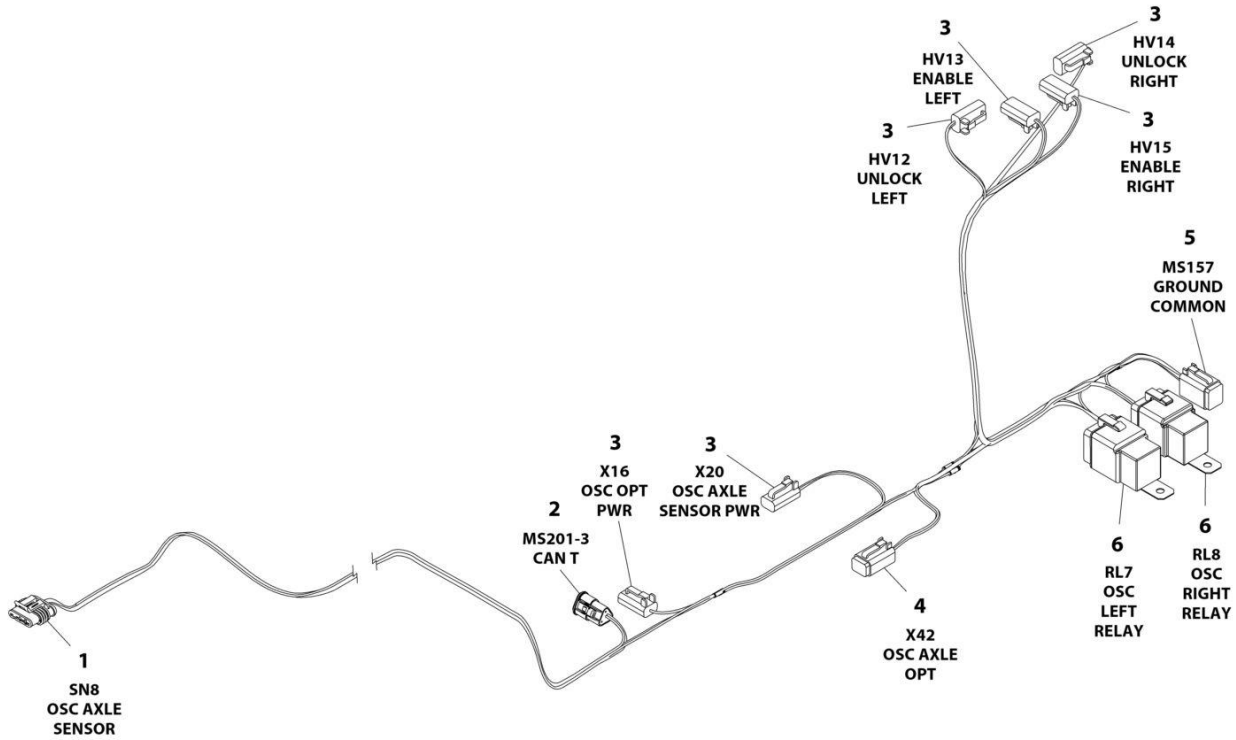
SECTION 8 - ELECTRICAL

FIGURE 8-31. LSS HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001226830	Ref	LSS HARNESS	A
1	1001132170	1	Connector - 12 Position	
1	4460929	2	Pin, Male	
1	4460917	2	Pin, Male	
1	4460518	8	Plug, Terminal	
2	4460761	1	Receptacle, Female - 4 Position	
2	4460294	4	Pin, Male	
3	4460933	1	Connector - 12 Position	
3	4460465	2	Socket, Female	
3	4460466	10	Plug, Terminal	
4	4460836	1	Connector - 12 Position	
4	4460465	5	Socket, Female	
4	4460944	2	Socket, Female	
4	4460466	5	Plug, Terminal	

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FIGURE 8-32. OSCILLATING AXLE HARNESS



ART_1001187601

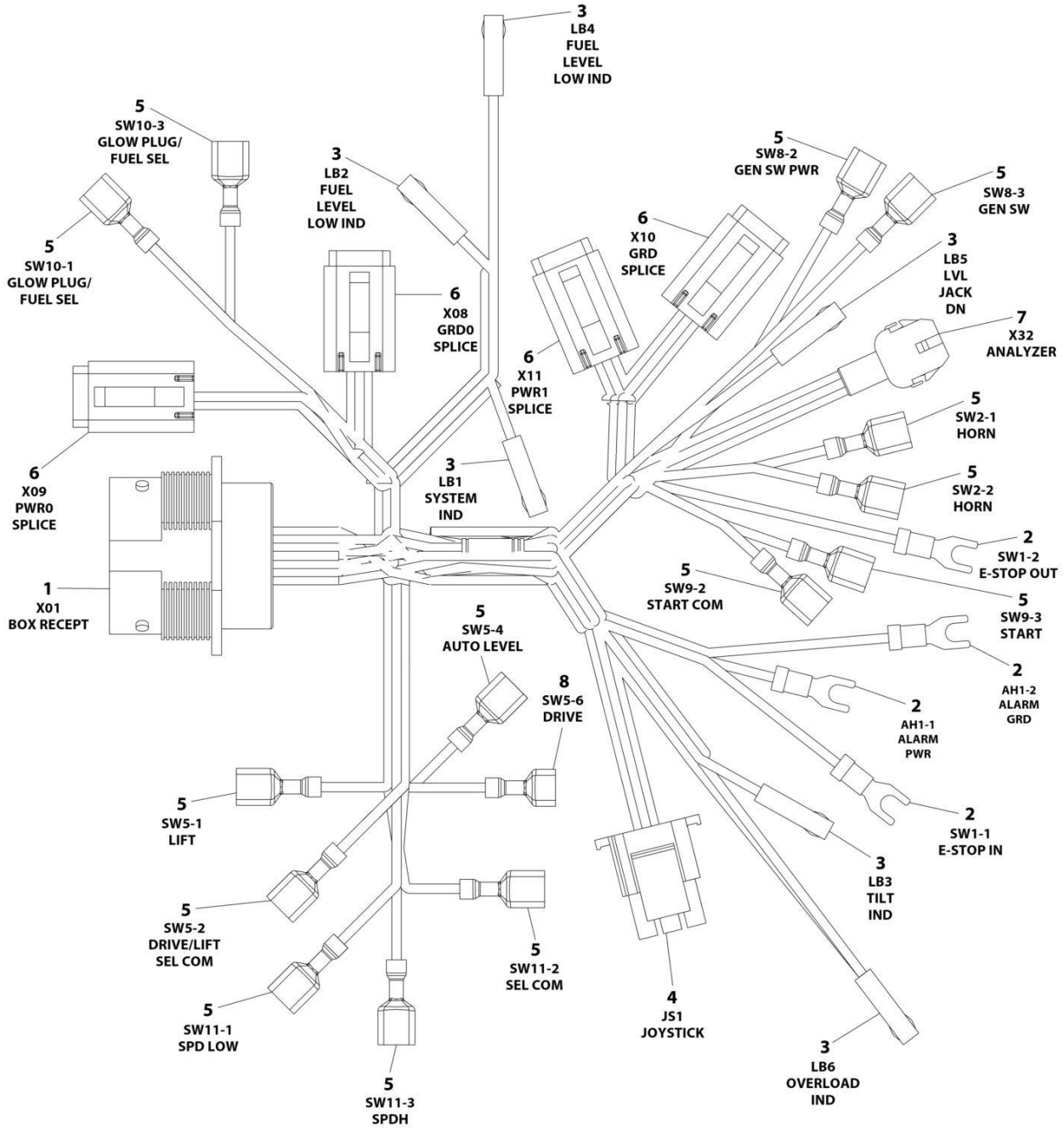
SECTION 8 - ELECTRICAL

FIGURE 8-32. OSCILLATING AXLE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187601	Ref	OSCILLATING AXLE HARNESS	C
1	1001103012	1	Connector - 4 Position	
1	1001107854	4	Socket, Female	
1	1001104498	4	Seal	
2	1001116812	1	Connector - 3 Position	
2	4460944	3	Socket, Female	
3	4460891	6	Connector - 2 Position	
3	4460465	11	Socket, Female	
3	4460466	1	Plug, Terminal	
4	4460884	1	Connector - 4 Position	
4	4460465	3	Socket, Female	
4	4460466	1	Plug, Terminal	
5	4460894	1	Connector - 6 Position	
5	4460465	6	Socket, Female	
6	1001117025	2	Connector, Relay	
6	4460375	8	Terminal	

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FIGURE 8-33. PLATFORM CONTROL BOX HARNESS



ART_1001236230

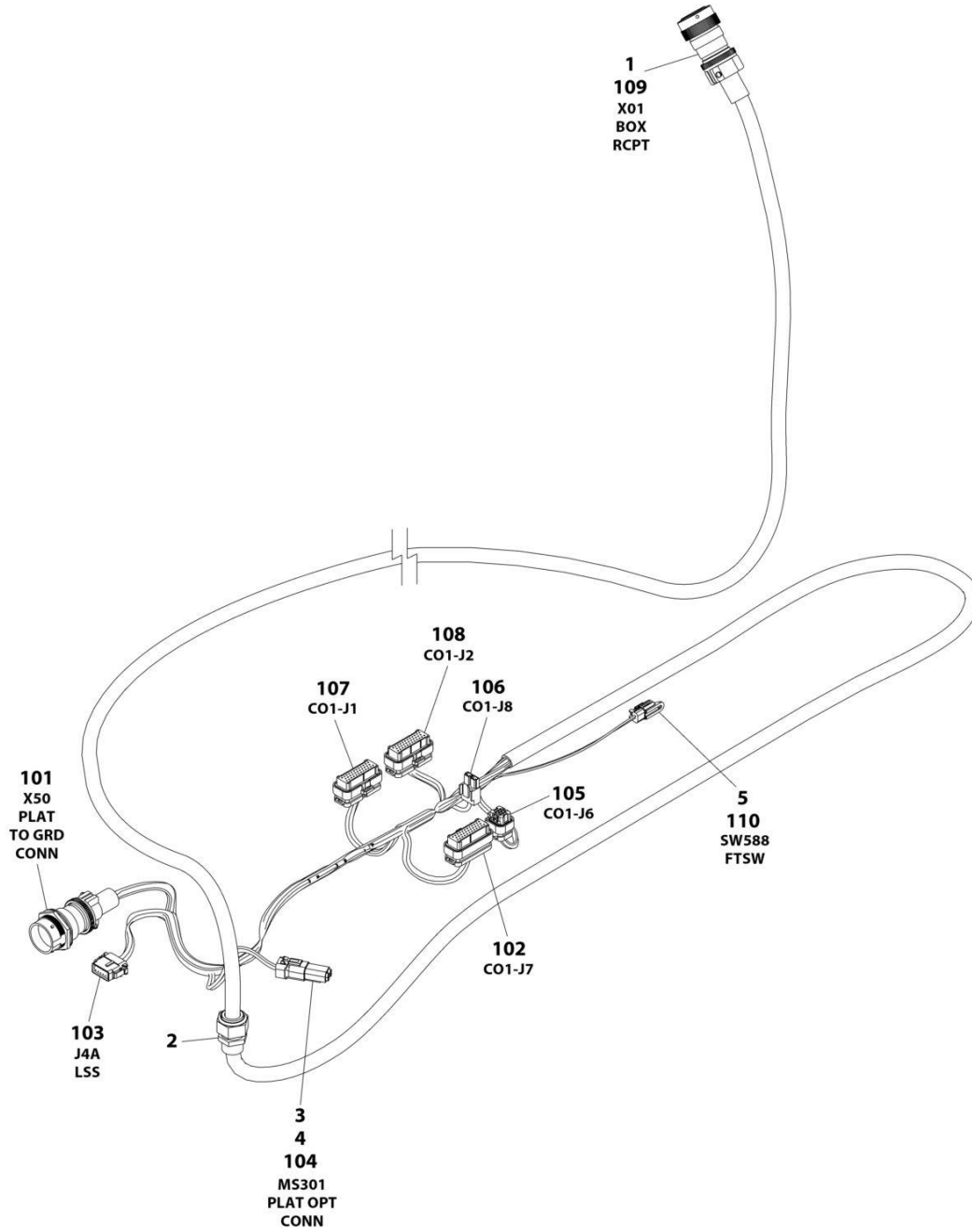
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FIGURE 8-33. PLATFORM CONTROL BOX HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236230	Ref	PLATFORM CONSOLE BOX HARNESS	C
1	1001116934	1	Connector - 31 Position	
1	4460464	31	Pin, Male	
2	4460183	4	Terminal, Fork	
3	1001190469	6	Connector - 2 Position	
3	1001190471	12	Terminal	
4	4460265	1	Plug, Male - 9 Position	
4	4460267	7	Terminal	
5	1001194421	13	Terminal	
6	4460894	4	Plug, Male - 6 Position	
6	4460465	20	Socket, Female	
6	4460466	4	Plug, Terminal	
6	4460892	4	Bussbar	
7	4460761	1	Plug, Male - 4 Position	
7	4460267	4	Terminal	
8	1001194221	1	Terminal	

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FIGURE 8-34. PLATFORM MODULE HARNESS



ART_1001236163

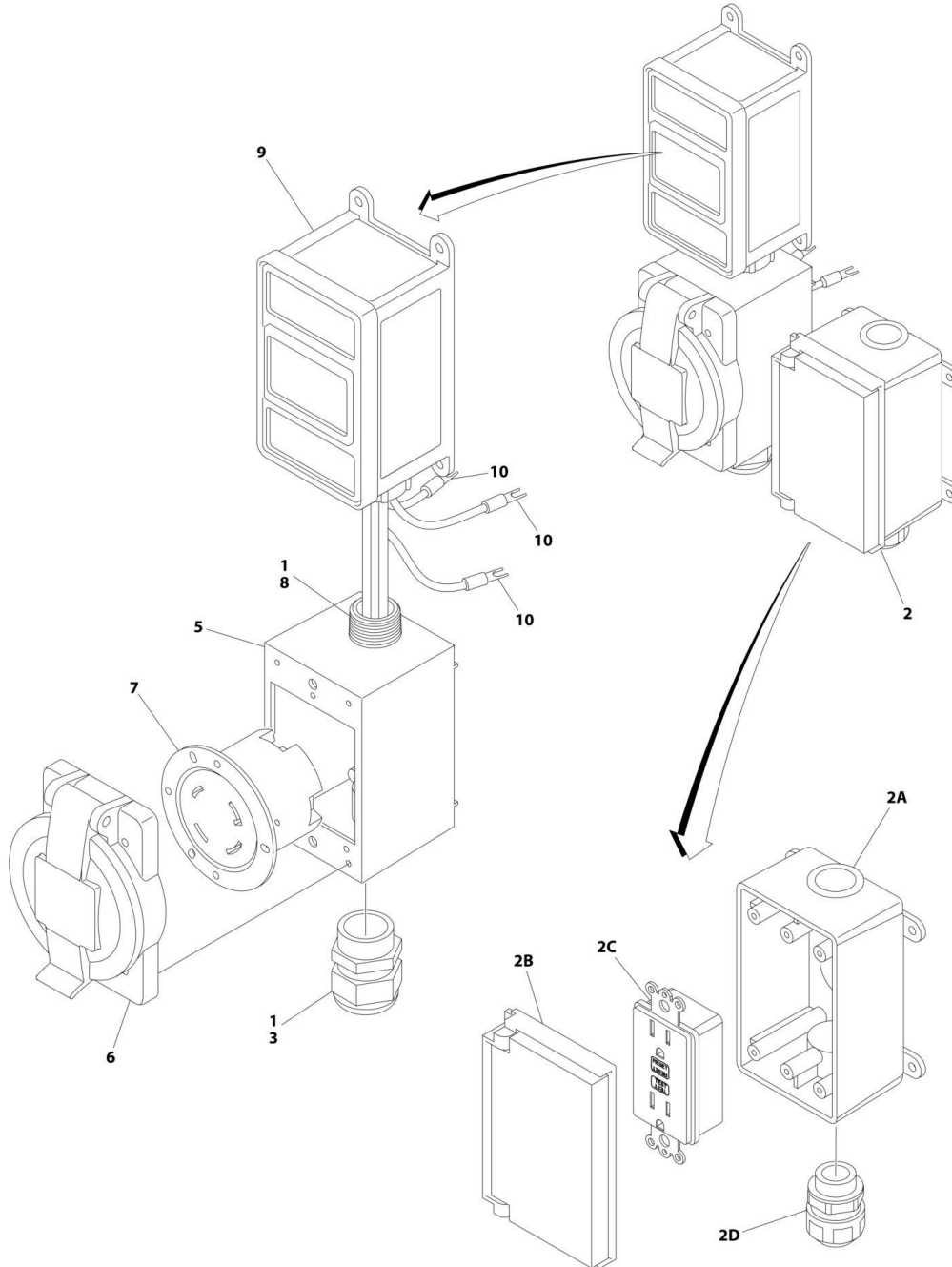
SECTION 8 - ELECTRICAL

FIGURE 8-34. PLATFORM MODULE HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001236163	Ref	PLATFORM MODULE HARNESS	B
1	2820031	AR	Heatshrink	
2	4460051	1	Connector, Strain Relief	
3	4460466	4	Plug, Terminal	
4	1001116811	1	Receptacle, Female - 4 Position	
5	1001144295	1	Cap, Female - 2 Position	
101	1001116930	1	Connector - 21 Position	
101	4460508	4	Pin, Male	
101	4460464	6	Pin, Male	
101	4460466	11	Plug, Terminal	
102	4460873	1	Connector - 35 Position	
102	4460871	10	Socket, Female	
102	4460905	25	Plug, Terminal	
103	1001116808	1	Plug, Male - 12 Position	
103	4460928	2	Socket, Female	
103	4460918	2	Socket, Female	
103	4460518	8	Plug, Terminal	
104	1001116810	1	Plug, Male - 4 Position	
104	4460509	2	Socket, Female	
104	4460466	2	Plug, Terminal	
105	1001113961	1	Connector - 8 Position	
105	4460871	2	Socket, Female	
105	4460905	6	Plug, Terminal	
106	4460879	1	Plug, Male - 2 Position	
106	4461271	2	Socket, Female	
107	4460874	1	Connector - 35 Position	
107	4460871	12	Socket, Female	
107	4460905	23	Plug, Terminal	
108	4460876	1	Connector - 35 Position	
108	4460871	15	Socket, Female	
108	4460905	20	Plug, Terminal	
109	1001195123	1	Connector - 31 Position	
109	4460465	31	Socket, Female	
110	4460891	1	Plug, Male - 2 Position	
110	4460465	2	Socket, Female	

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FIGURE 8-35. RECEPTACLE ASSEMBLY (MACHINES WITH GENERATORS) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPEC)



ART_1001187092

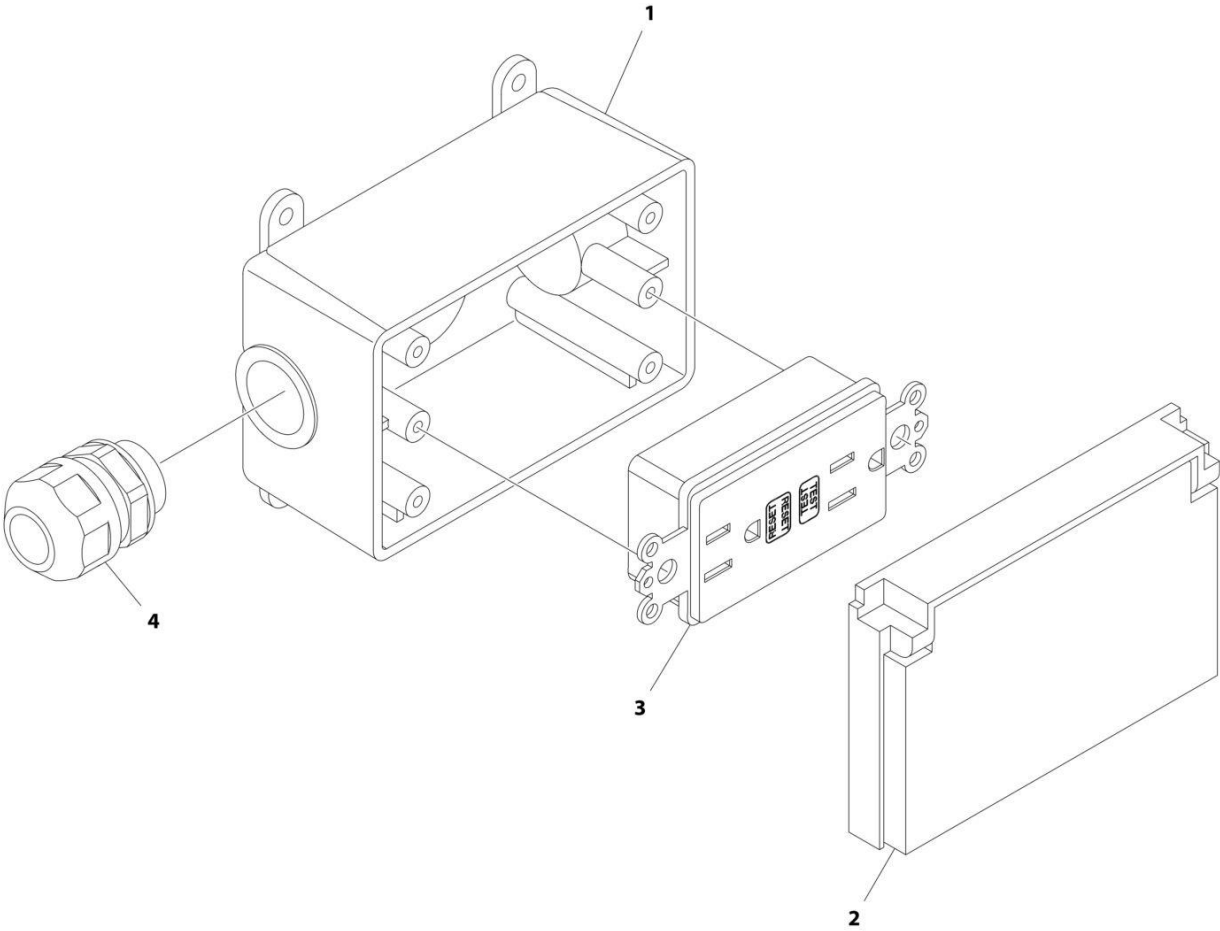
SECTION 8 - ELECTRICAL

FIGURE 8-35. RECEPTACLE ASSEMBLY (MACHINES WITH GENERATORS) (ALL SPECS EXCEPT AUSTRALIAN, CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187092	Ref	RECEPTACLE ASSEMBLY	D
1	0100020	AR	Sealant, Pipe	
2	2902431	1	Receptacle Box Kit	
2A	0861731	1	Box	
2B	1671207	1	Cover	
2C	4460346	1	Receptacle	
2D	4460662	1	Connector, Strain Relief	
3	4460612	1	Connector, Strain Relief	
4	1001099670	2	Terminal (Not Shown)	
5	1001148675	1	Box	
6	1001148676	1	Cover, Receptacle	
7	1001148907	1	Connector, Receptacle - 240V	
8	1001159119	1	Conduit	
9	1001159118	1	Breaker, GFCI 30A - 240V	
10	4460315	3	Terminal	

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FIGURE 8-36. RECEPTACLE BOX KIT - 110V GFI



ART_2902431

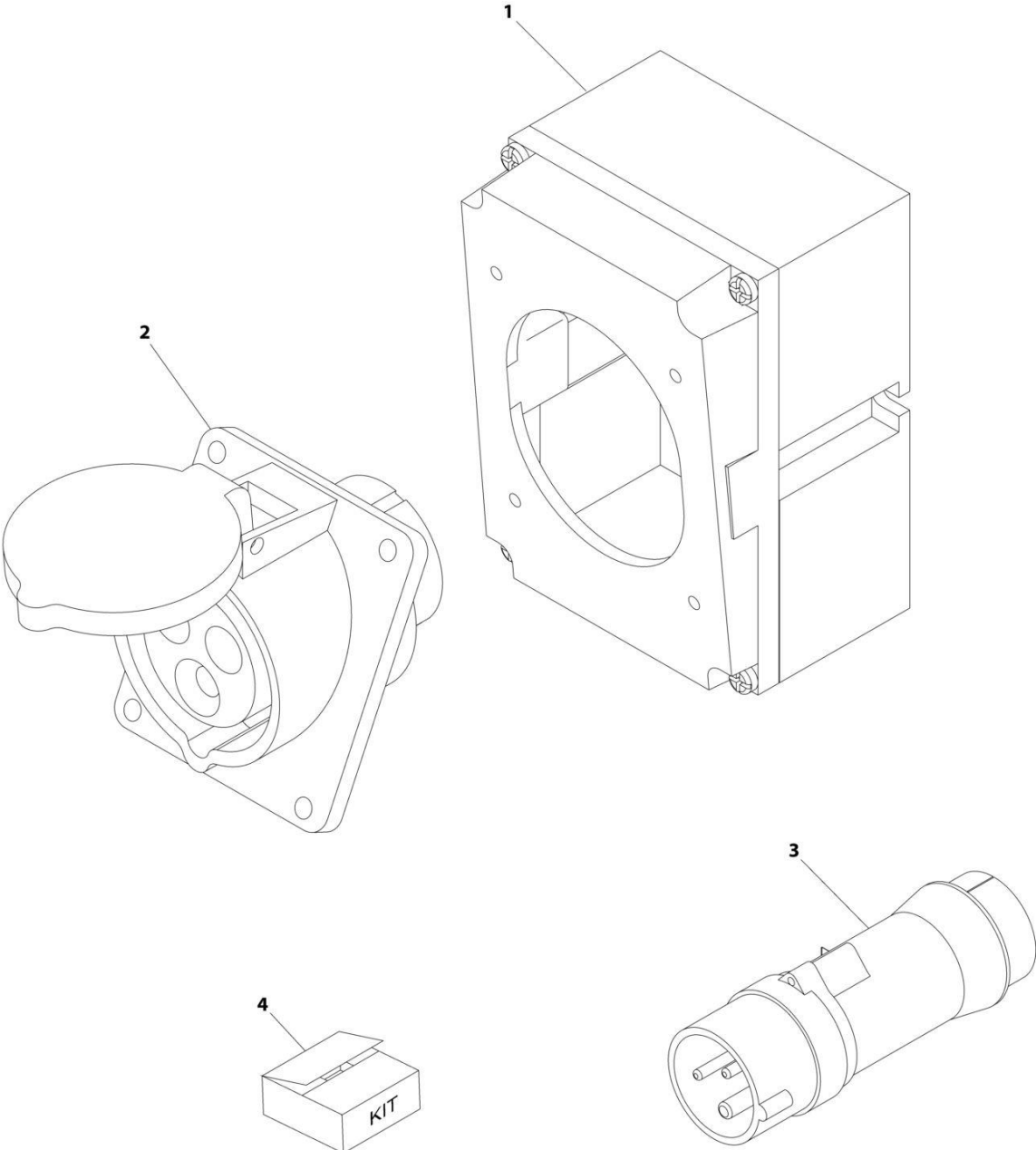
SECTION 8 - ELECTRICAL

FIGURE 8-36. RECEPTACLE BOX KIT - 110V GFI

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

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FIGURE 8-37. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)



ART_0275216

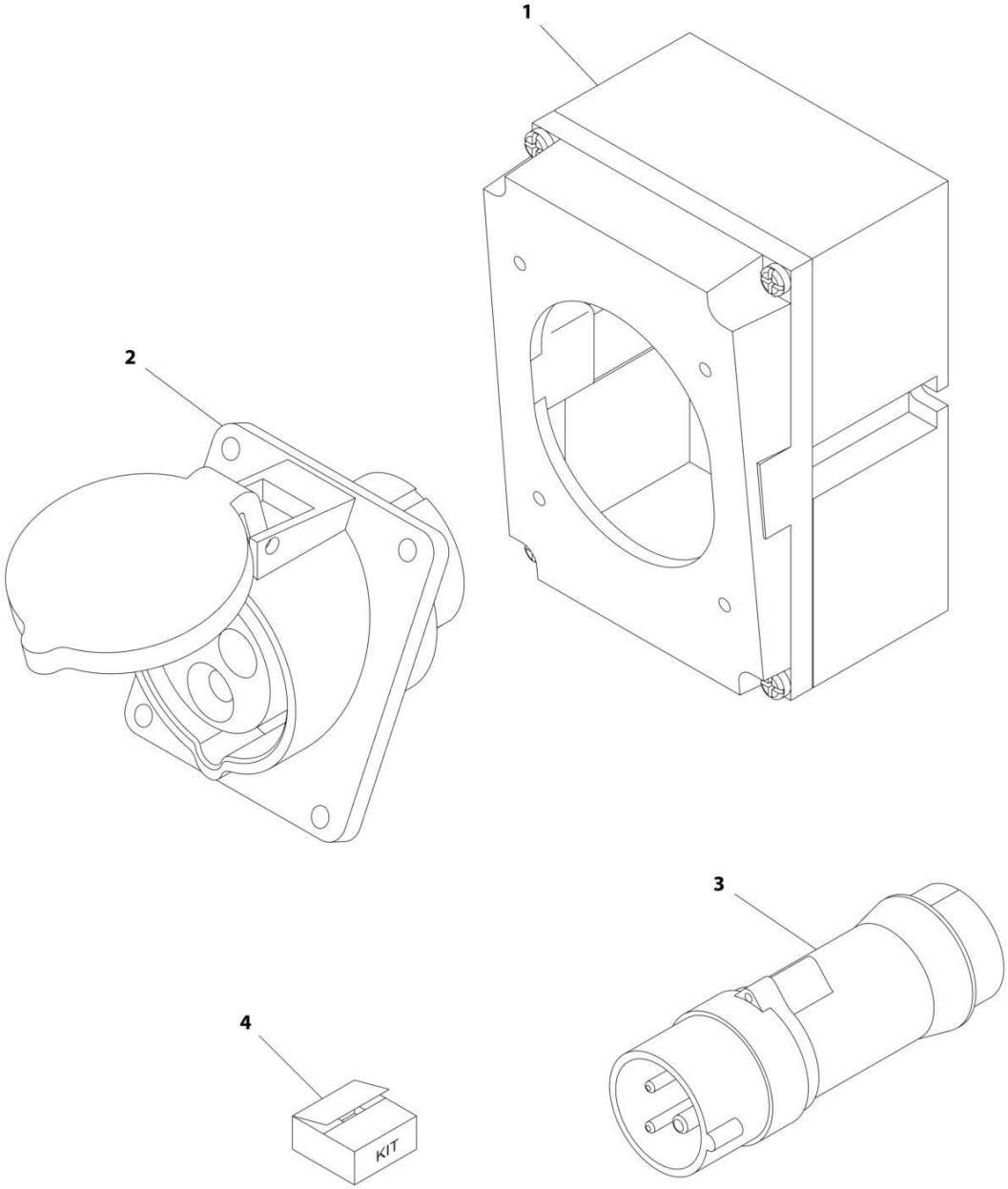
SECTION 8 - ELECTRICAL

FIGURE 8-37. RECEPTACLE BOX KIT - 110V IEC YELLOW (CE & UK CA SPEC)

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

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FIGURE 8-38. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)



ART_0275217

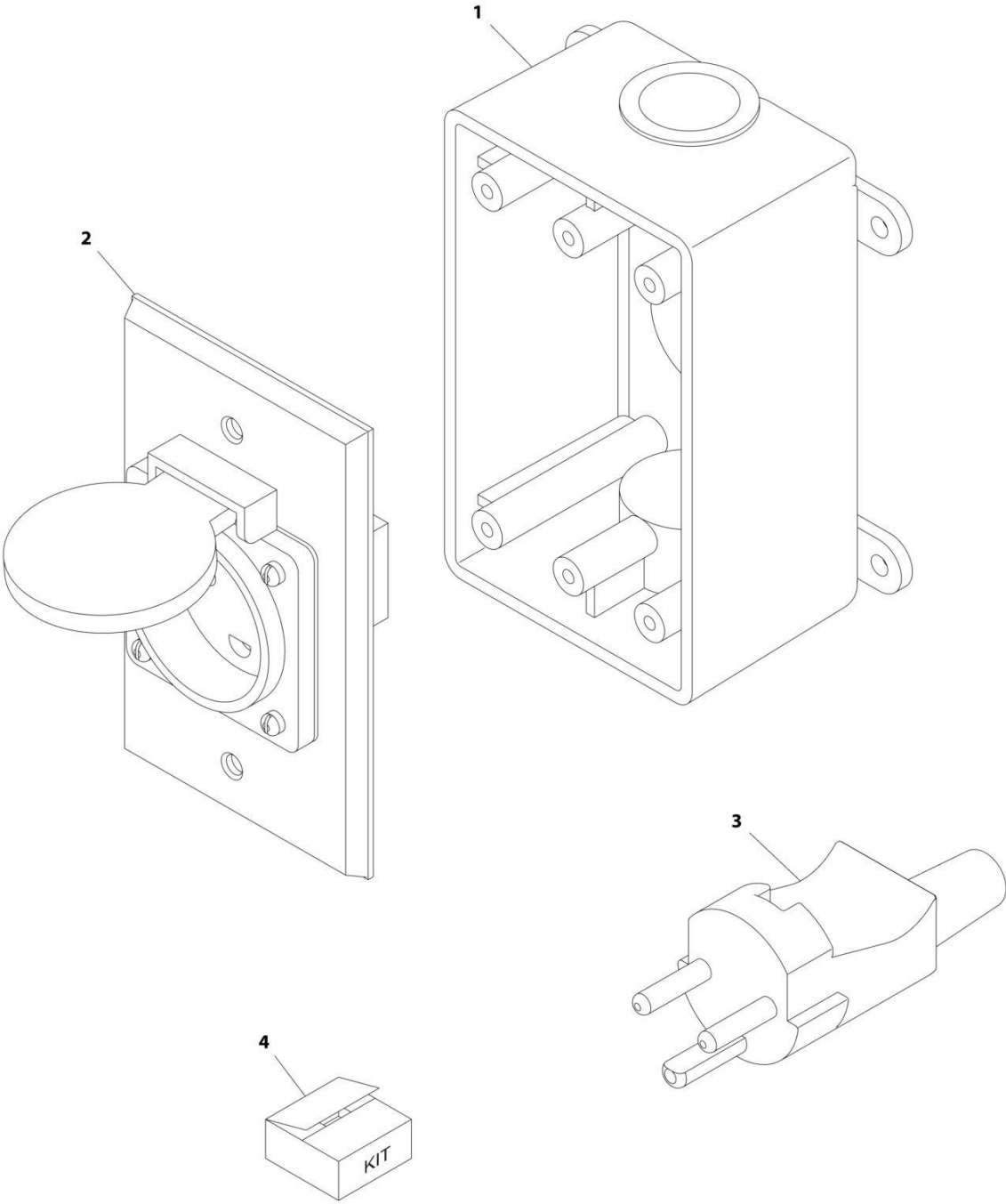
SECTION 8 - ELECTRICAL

FIGURE 8-38. RECEPTACLE BOX KIT - 220V IEC BLUE (CE & UK CA SPEC)

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

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FIGURE 8-39. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)



ART_0275454

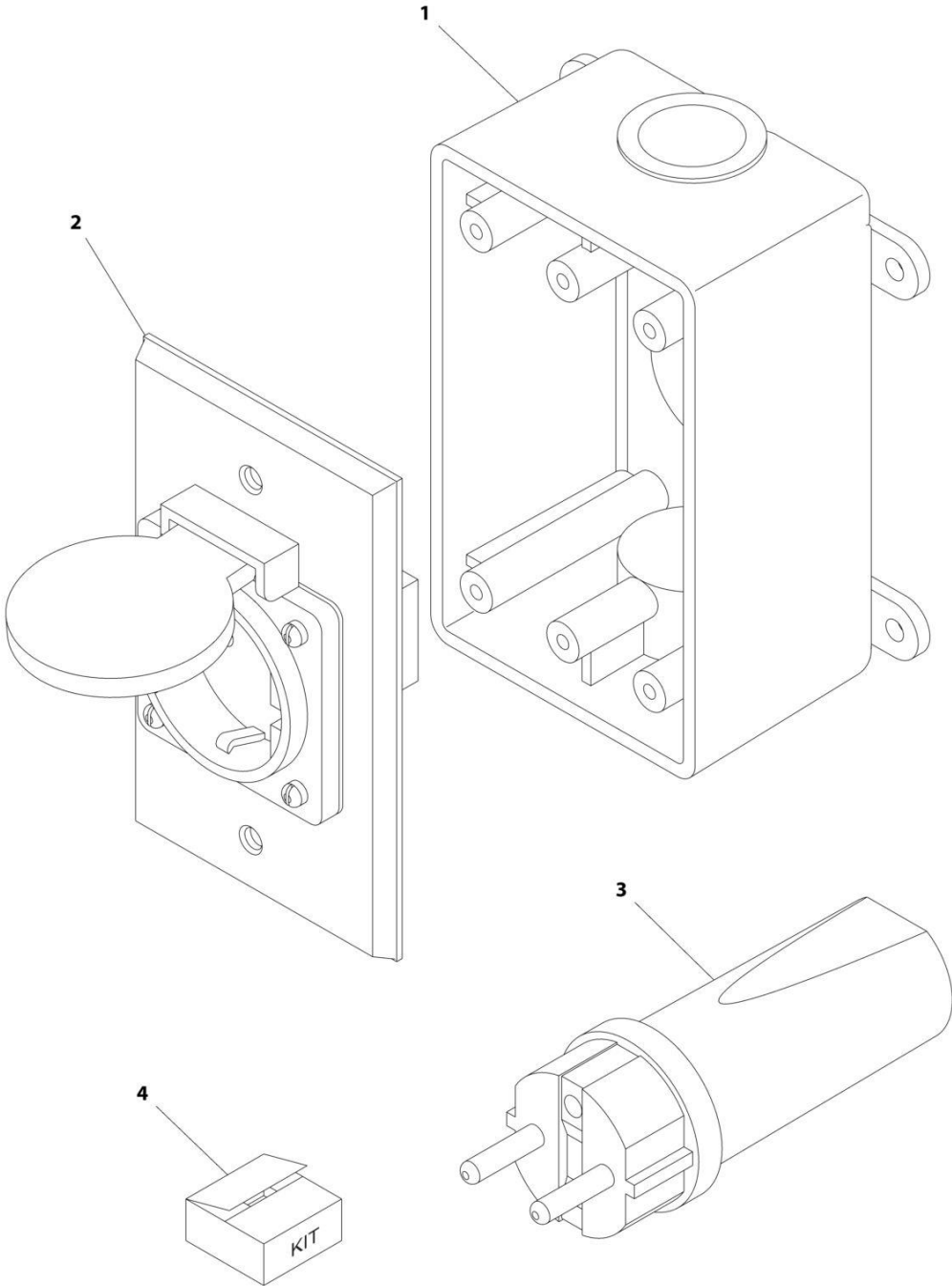
SECTION 8 - ELECTRICAL

FIGURE 8-39. RECEPTACLE BOX KIT - 220V AFSINT 107 (CE & UK CA SPEC)

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

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FIGURE 8-40. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE & UK CA SPEC)



ART_0275453

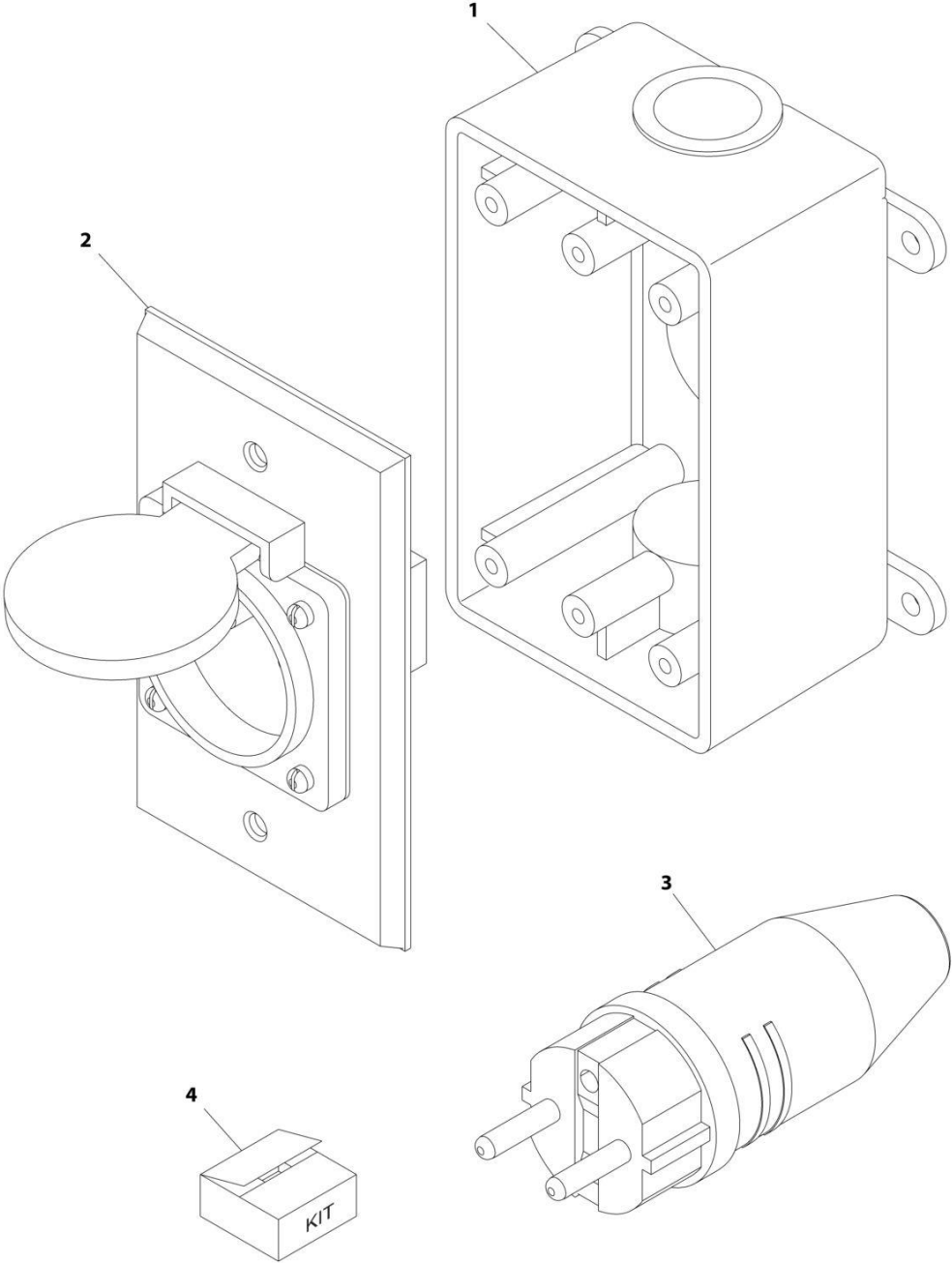
SECTION 8 - ELECTRICAL

FIGURE 8-40. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND (CE & UK CA SPEC)

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

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FIGURE 8-41. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE & UK CA SPEC)



ART_0275452-C

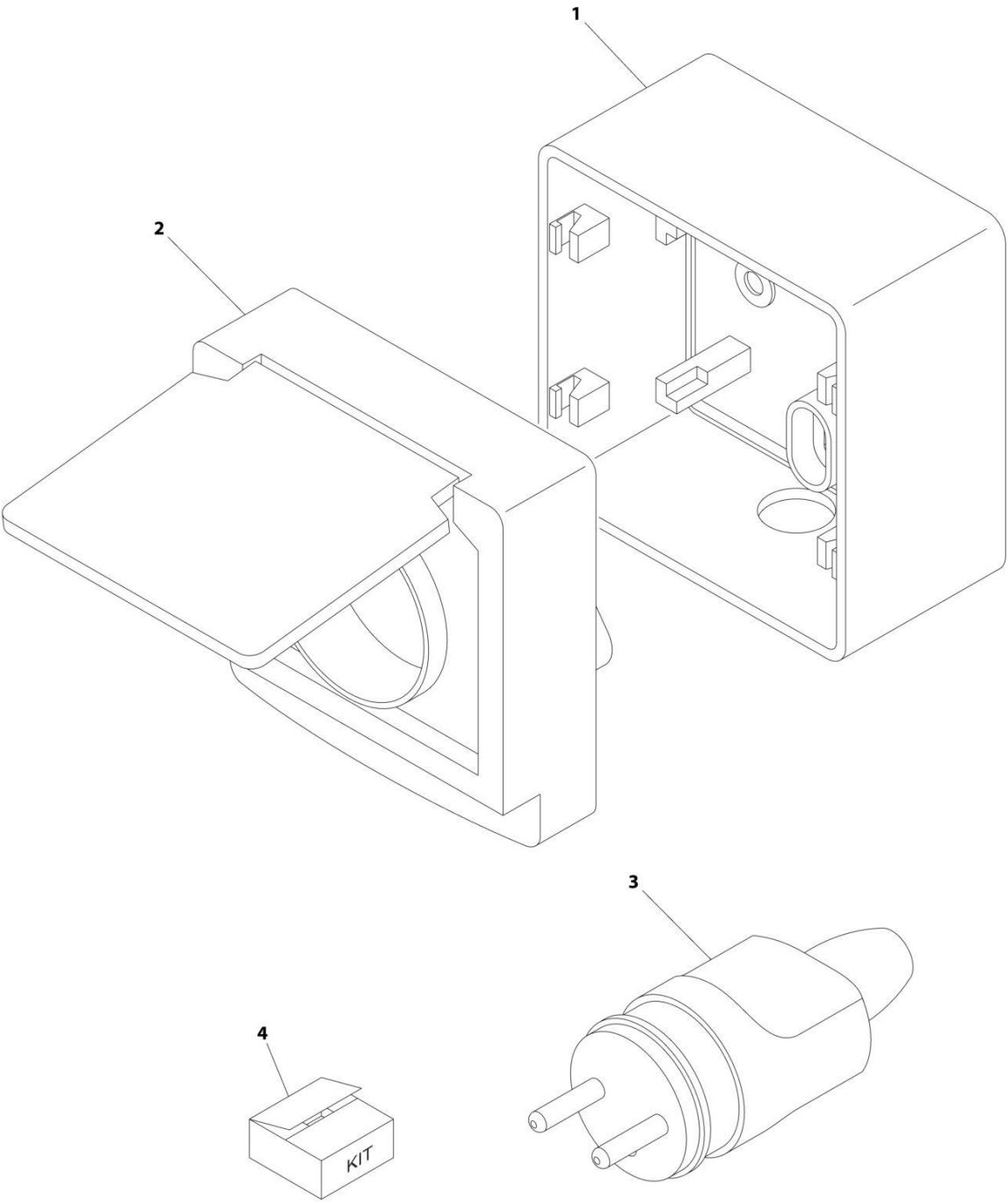
SECTION 8 - ELECTRICAL

FIGURE 8-41. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND (CE & UK CA SPEC)

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

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FIGURE 8-42. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 70MM X 70MM BOX (CE & UK CA SPEC)



ART_0275218

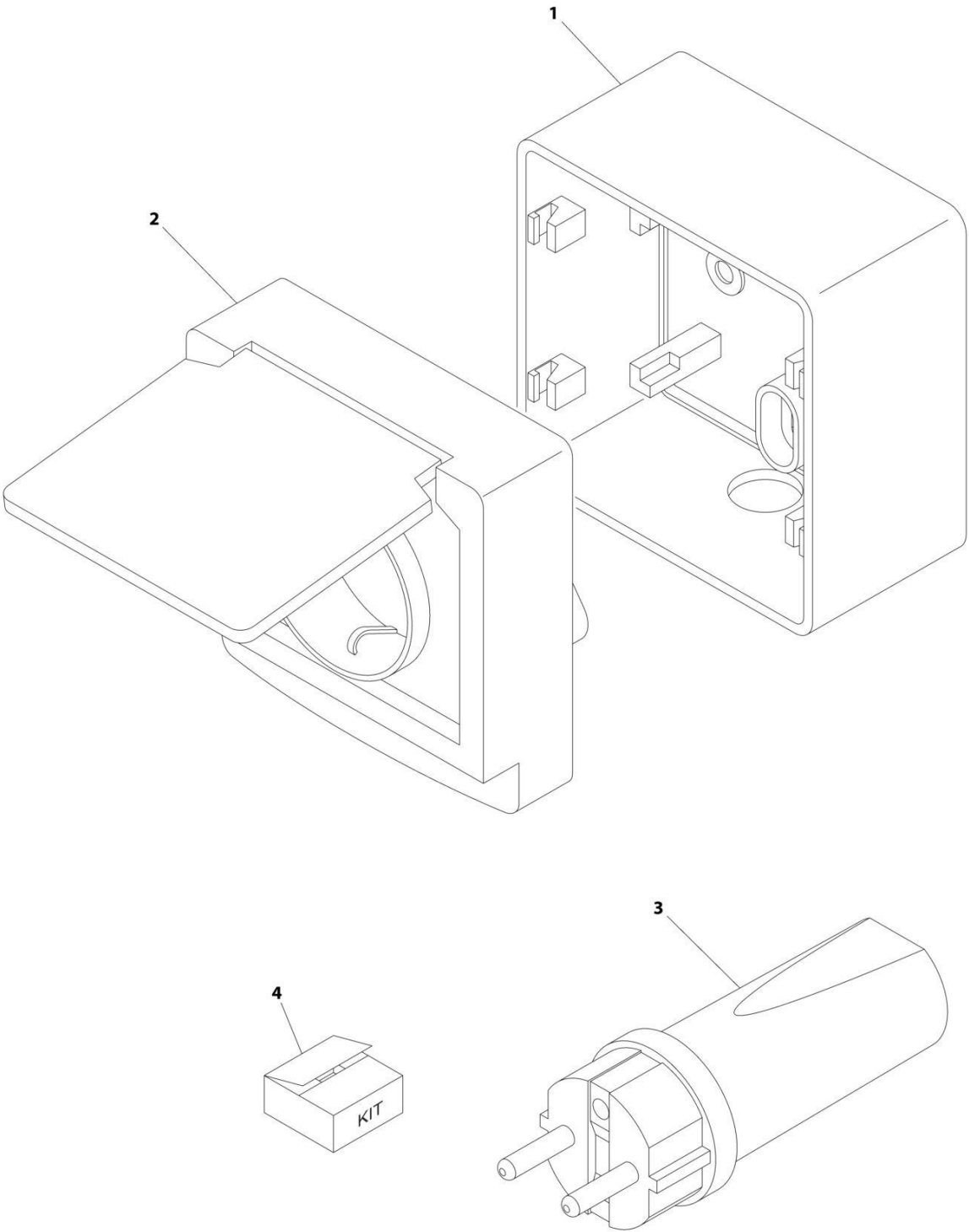
SECTION 8 - ELECTRICAL

FIGURE 8-42. RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 70MM X 70MM BOX (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275218	Ref	RECEPTACLE BOX KIT - 220V CEE7 POST GROUND 70X70 BOX	C
1	1001141967	1	Box, Switch	
2	1001141968	1	Receptacle	
3	4461205	1	Plug, Male	
4	1001141971	1	Plug and Socket Kit (Includes Items 1-3 and Female Plug p/n 4461206)	

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FIGURE 8-43. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 70MM X 70MM BOX (CE & UK CA SPEC)



ART_0275219

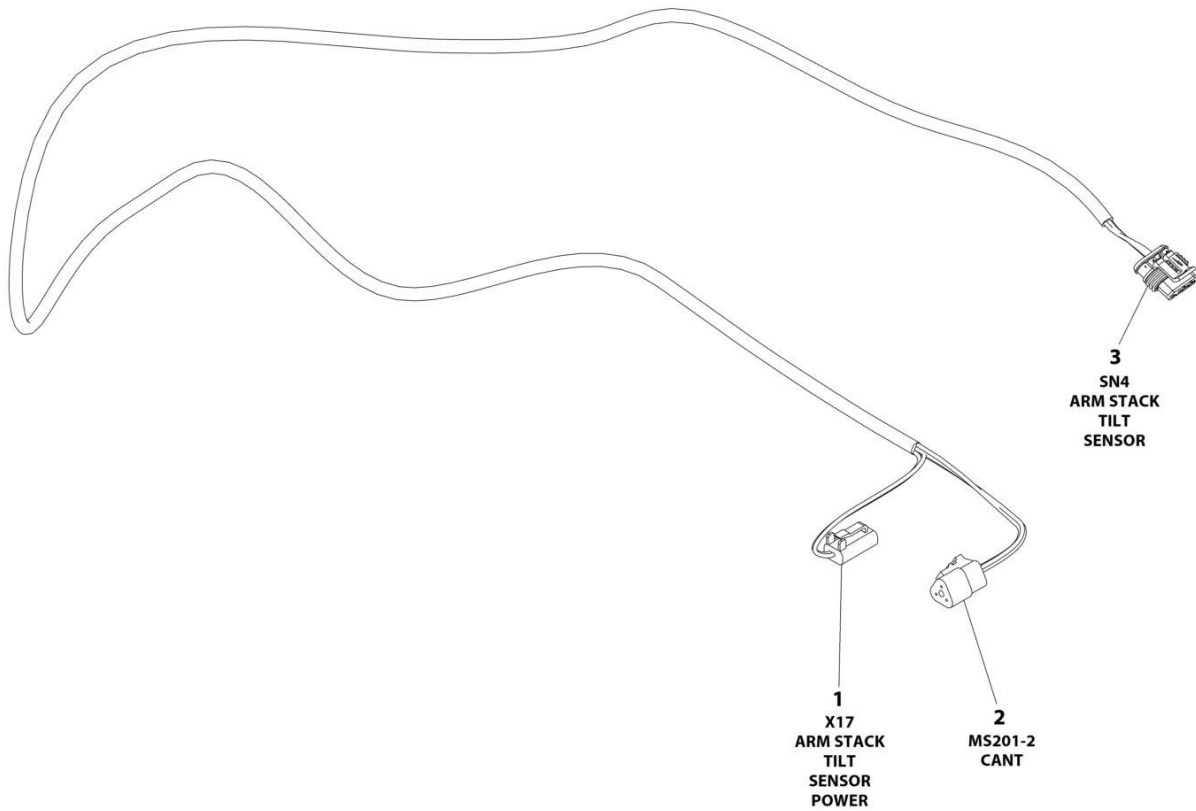
SECTION 8 - ELECTRICAL

FIGURE 8-43. RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 70MM X 70MM BOX (CE & UK CA SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275219	Ref	RECEPTACLE BOX KIT - 220V CEE7 SIDE GROUND 70MM X 70MM BOX	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)	

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FIGURE 8-44. SCISSORS ARMS GUARD HARNESS



ART_1001244347

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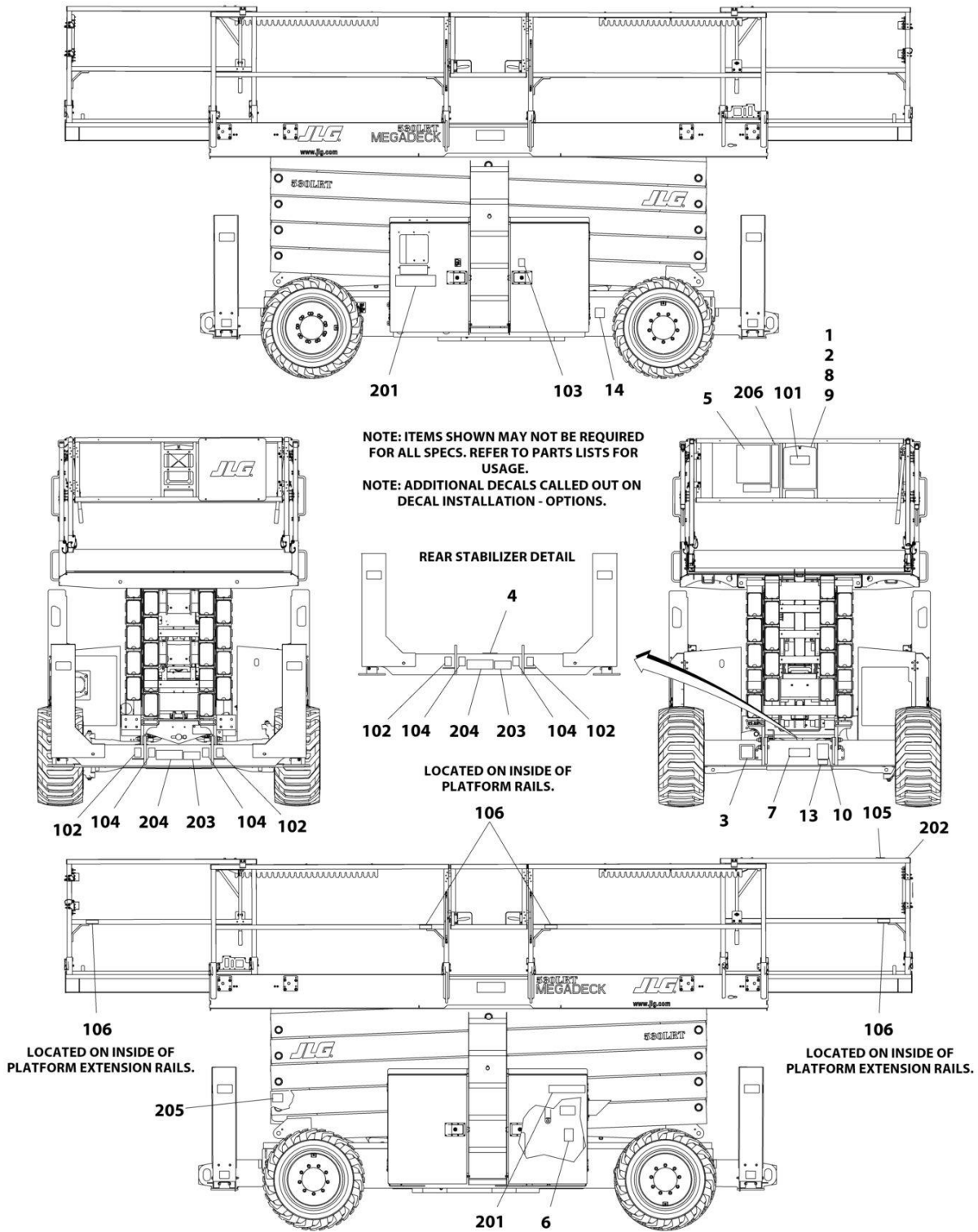
FIGURE 8-44. SCISSORS ARMS GUARD HARNESS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001244347	Ref	SCISSORS ARMS GUARD HARNESS	B
1	4460891	1	Plug, Male - 2 Position	
1	4460465	2	Socket, Female	
2	4460539	1	Plug, Male - 3 Position	
2	4460944	3	Socket, Female	
3	1001103012	1	Connector - 4 Position	
3	1001107854	4	Socket, Female	

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FIGURE 9-1. DECAL INSTALLATION - ANSI AND ANSI EXPORT SPECS (ENGLISH)



ART_1001187668_D

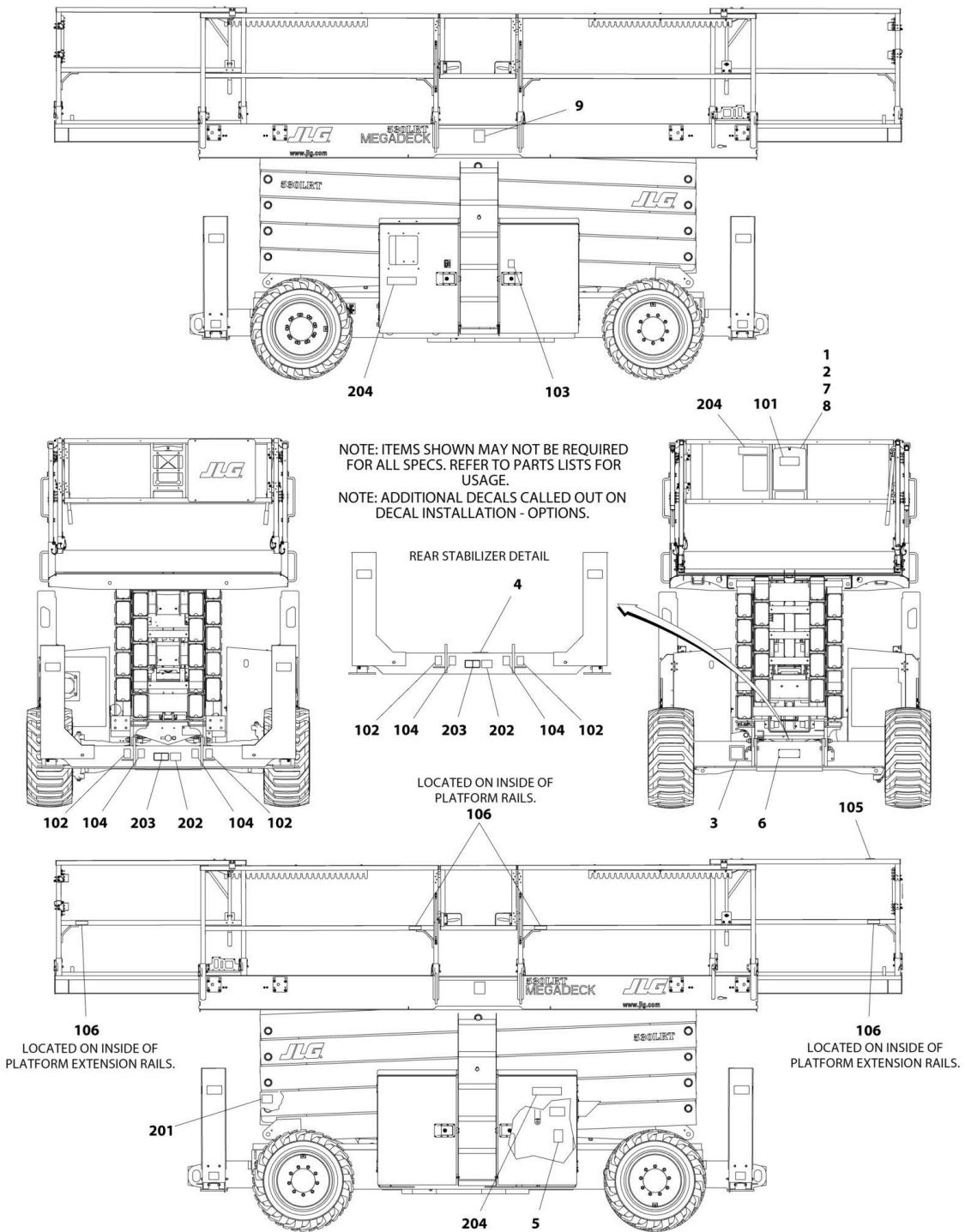
SECTION 9 - DECALS

FIGURE 9-1. DECAL INSTALLATION - ANSI AND ANSI EXPORT SPECS (ENGLISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187668	Ref	DECAL INSTALLATION	D
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt, M6 X 20	
2	0860520	1	Box, Manual Storage	
3	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1703816	1	Decal - Danger/Warning	
6	1704412	1	Decal - Hydraulic Oil	
7	2080057	4	Fastener	
8	3290605	4	Nut, Lock M6	
9	4811700	8	Washer, M6	
10	1001131270	1	Decal - Patent	
13	1001223453	1	Decal - ICES	
14	1001223055	1	Decal - Yearly Inspection	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lug	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1703818	1	Decal - Danger Electrocution/Warning Crushing	
202	1703821	1	Decal - Control Box Location	
203	1703823	1	Decal - Danger/Electrocution Hazard	
204	1704432	1	Decal - Warning Crushing	
205	1705019	1	Decal - Safety Prop	
206	1001192853	1	Decal - Legend	

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FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN AND JAPANESE SPECS



ART_1001203770

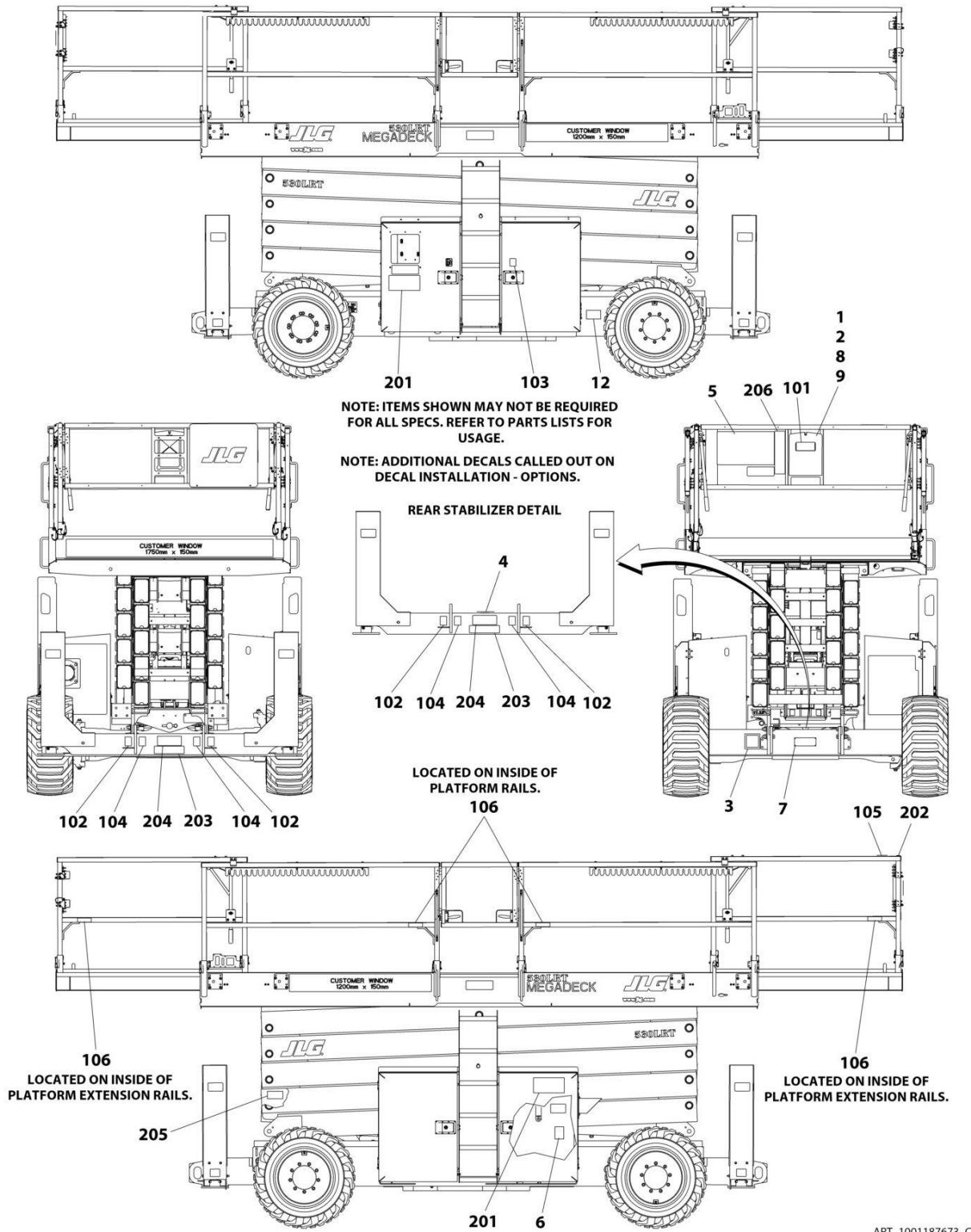
SECTION 9 - DECALS

FIGURE 9-2. DECAL INSTALLATION - AUSTRALIAN AND JAPANESE SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001203770	Ref	DECAL INSTALLATION	D
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt, M6 X 20	
2	0860520	1	Box, Manual Storage	
3	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1704412	1	Decal - Hydraulic Oil	
6	2080057	4	Fastener	
7	3290605	4	Nut, Lock M6	
8	4811700	8	Washer, M6	
9	1001191526	2	Decal - Sound Power Level	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lug	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1705019	1	Decal - Safety Prop	
202	1705372	1	Decal - Head Crushing	
203	1705671	1	Decal - Electrocution	
204	1706338	1	Decal - Electrocution/Crushing	

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



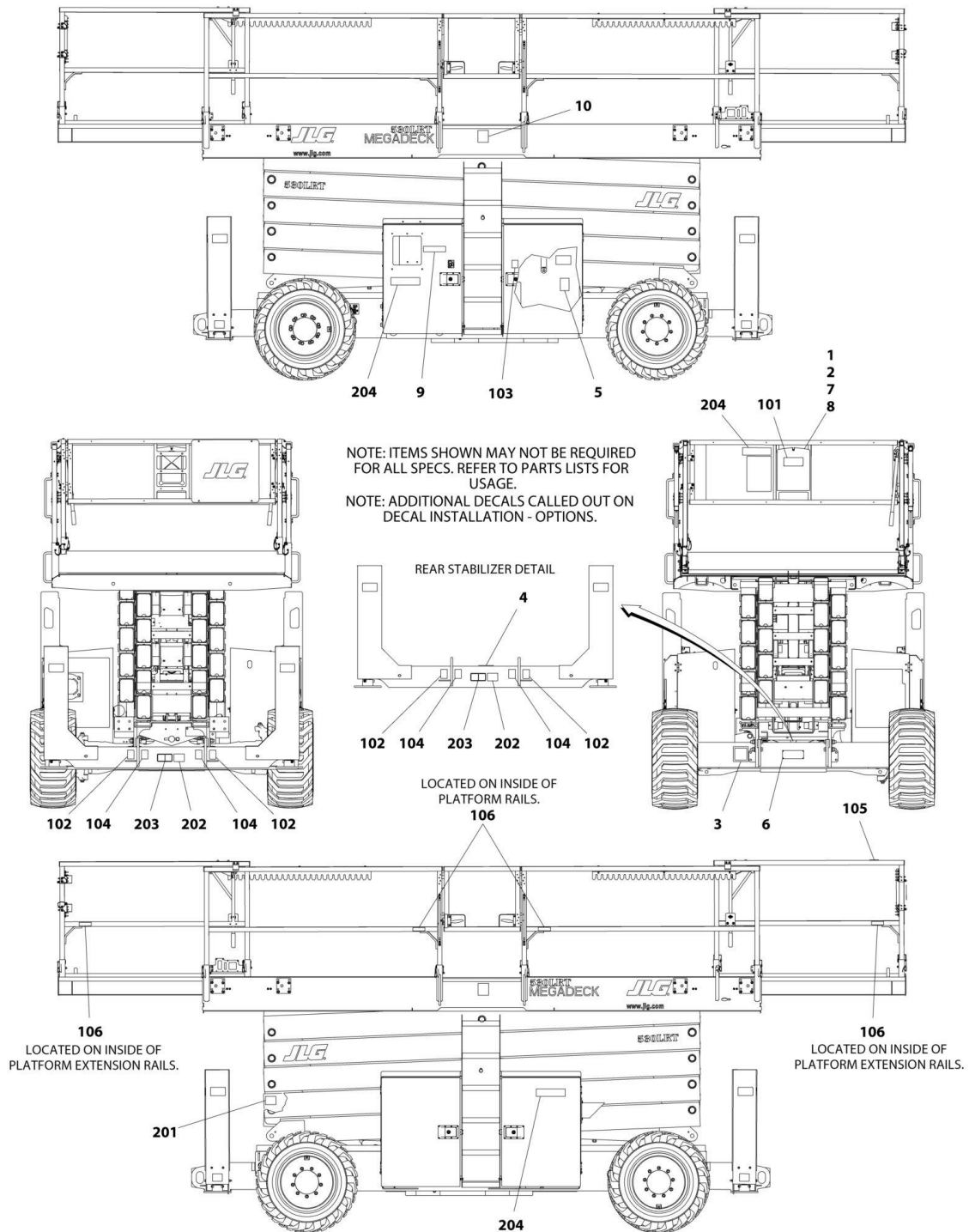
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FIGURE 9-3. DECAL INSTALLATION - BRAZIL SPECS (SPANISH/PORTUGUESE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187673	Ref	DECAL INSTALLATION	C
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt M6 x 20	
2	0860520	1	Box, Manual Storage	
3	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1704699	1	Decal - Danger/Warning	
6	1704412	1	Decal - Hydraulic Oil	
7	2080057	4	Fastener	
8	3290605	4	Nut M6	
9	4811700	8	Washer M6	
12	1001224052	1	Decal - Yearly Inspection	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lug	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1704701	1	Decal - Danger Electrocution/Warning Crushing	
202	1704702	1	Decal - Control Box Location	
203	1705043	1	Decal - Danger/Electrocution Hazard	
204	1705318	1	Decal - Warning Crushing	
205	1705019	1	Decal - Safety Prop	
206	1001203077	1	Decal - Legend	

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FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPEC



ART_1001187670

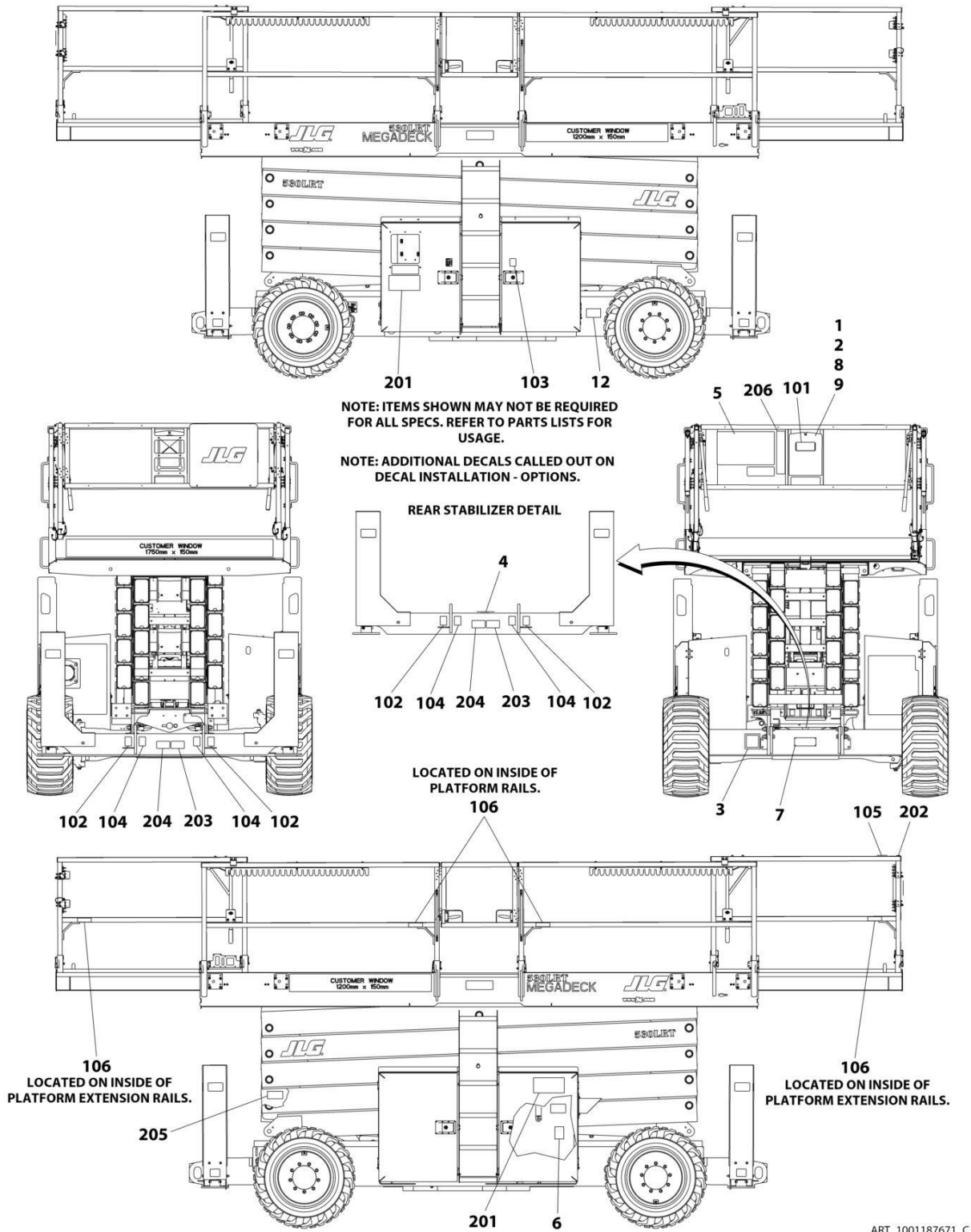
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FIGURE 9-4. DECAL INSTALLATION - CE & UK CA SPEC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187670	Ref	DECAL INSTALLATION	F
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt, M6 X 20	
2	0860520	1	Box, Manual Storage	
3	See Note	1	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1704412	1	Decal - Hydraulic Oil	
6	2080057	4	Fastener	
7	3290605	4	Nut, Lock M6	
8	4811700	8	Washer, M6	
9	1001197634	1	Decal - MSSO Operation	
10	80463053	2	Decal - Sound Power Level	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lugs	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1705019	1	Decal - Safety Prop	
202	1705372	1	Decal - Head Crushing	
203	1705671	1	Decal - Electrocution	
204	1706338	1	Decal - Electrocution/Crushing	

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FIGURE 9-5. DECAL INSTALLATION - CHINESE SPECS (ENGLISH/CHINESE)



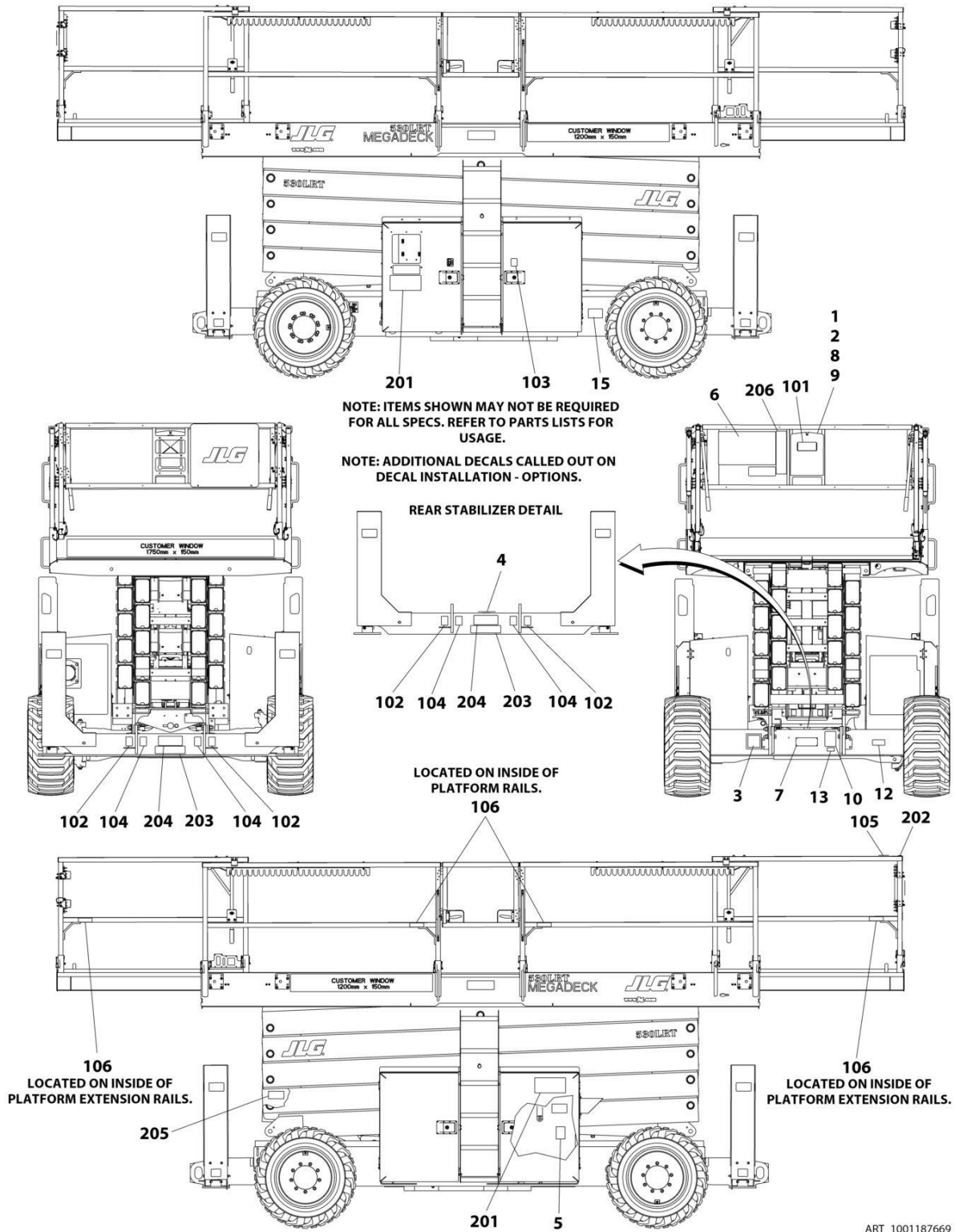
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FIGURE 9-5. DECAL INSTALLATION - CHINESE SPECS (ENGLISH/CHINESE)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187671	Ref	DECAL INSTALLATION	C
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt M6 x 20	
2	0860520	1	Box, Manual Storage	
3	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1705195	1	Decal - Danger/Warning	
6	1704412	1	Decal - Hydraulic Oil	
7	2080057	4	Fastener	
8	3290605	4	Nut M6	
9	4811700	8	Washer M6	
12	1001224050	1	Decal - Yearly Inspection	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lug	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1705193	1	Decal - Danger Electrocution/Warning Crushing	
202	1705194	1	Decal - Control Box Location	
203	1705944	1	Decal - Danger/Electrocution Hazard	
204	1705943	1	Decal - Warning Crushing	
205	1705019	1	Decal - Safety Prop	
206	1001192853	1	Decal - Legend	

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FIGURE 9-6. DECAL INSTALLATION - CSA (ENGLISH/FRENCH)



ART_1001187669_D

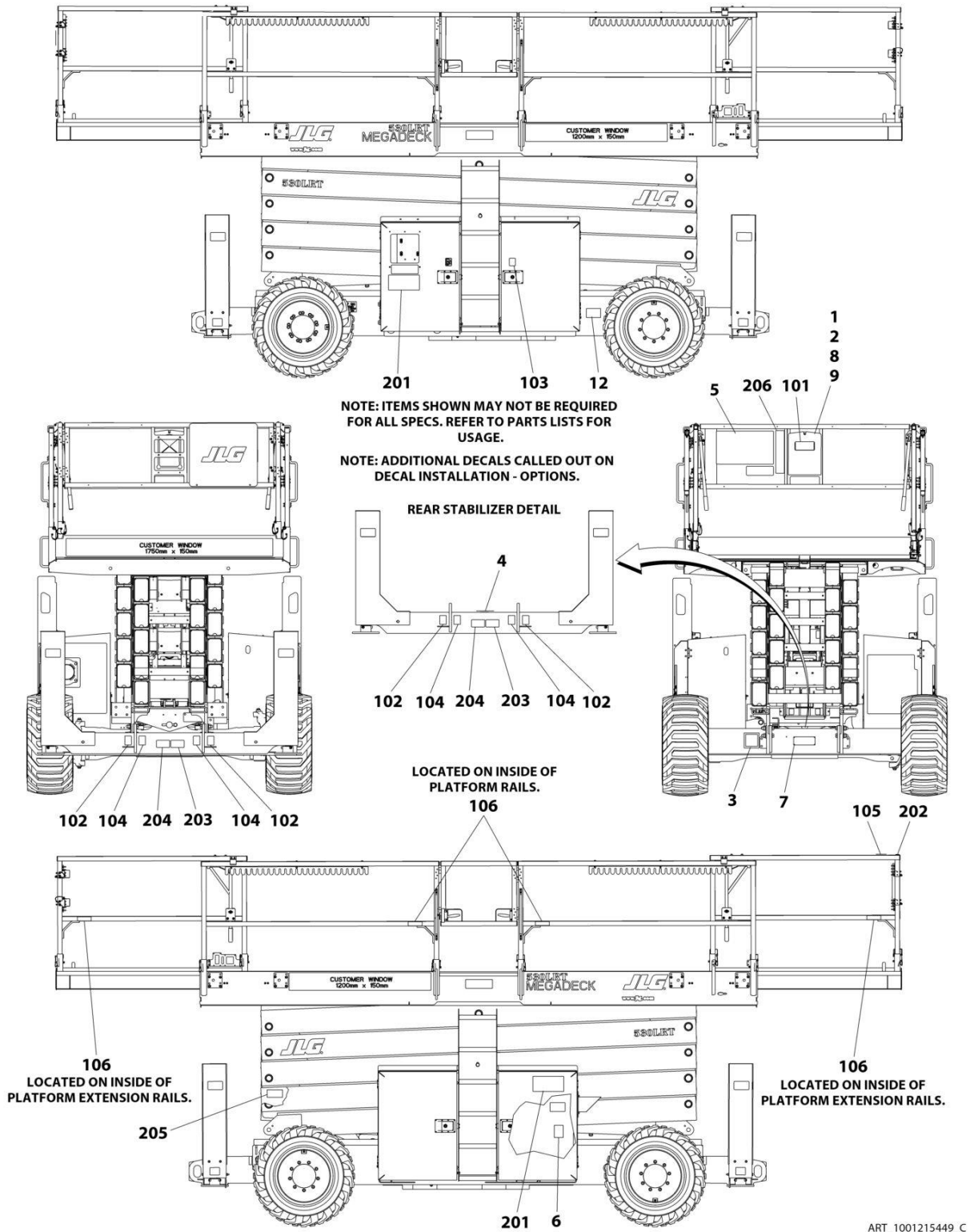
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FIGURE 9-6. DECAL INSTALLATION - CSA (ENGLISH/FRENCH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187669	Ref	DECAL INSTALLATION	D
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt M6 x 20	
2	0860520	1	Box, Manual Storage	
3	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1704412	1	Decal - Hydraulic Oil	
6	1704684	1	Decal - Danger/Warning	
7	2080057	4	Fastener	
8	3290605	4	Nut M6	
9	4811700	8	Washer M6	
10	1001131270	1	Decal - Patent	
12	1705303	1	Decal - CSA	
13	1001223453	1	Decal - ICES	
15	1001223971	1	Decal - Yearly Inspection	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lug	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1704686	1	Decal - Danger Electrocution/Warning Crushing	
202	1704687	1	Decal - Control Box Location	
203	1705040	1	Decal - Danger/Electrocution Hazard	
204	1705311	1	Decal - Warning Crushing	
205	1705019	1	Decal - Safety Prop	
206	1001203075	1	Decal - Legend	

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FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (ENGLISH/KOREAN)



ART_1001215449_C

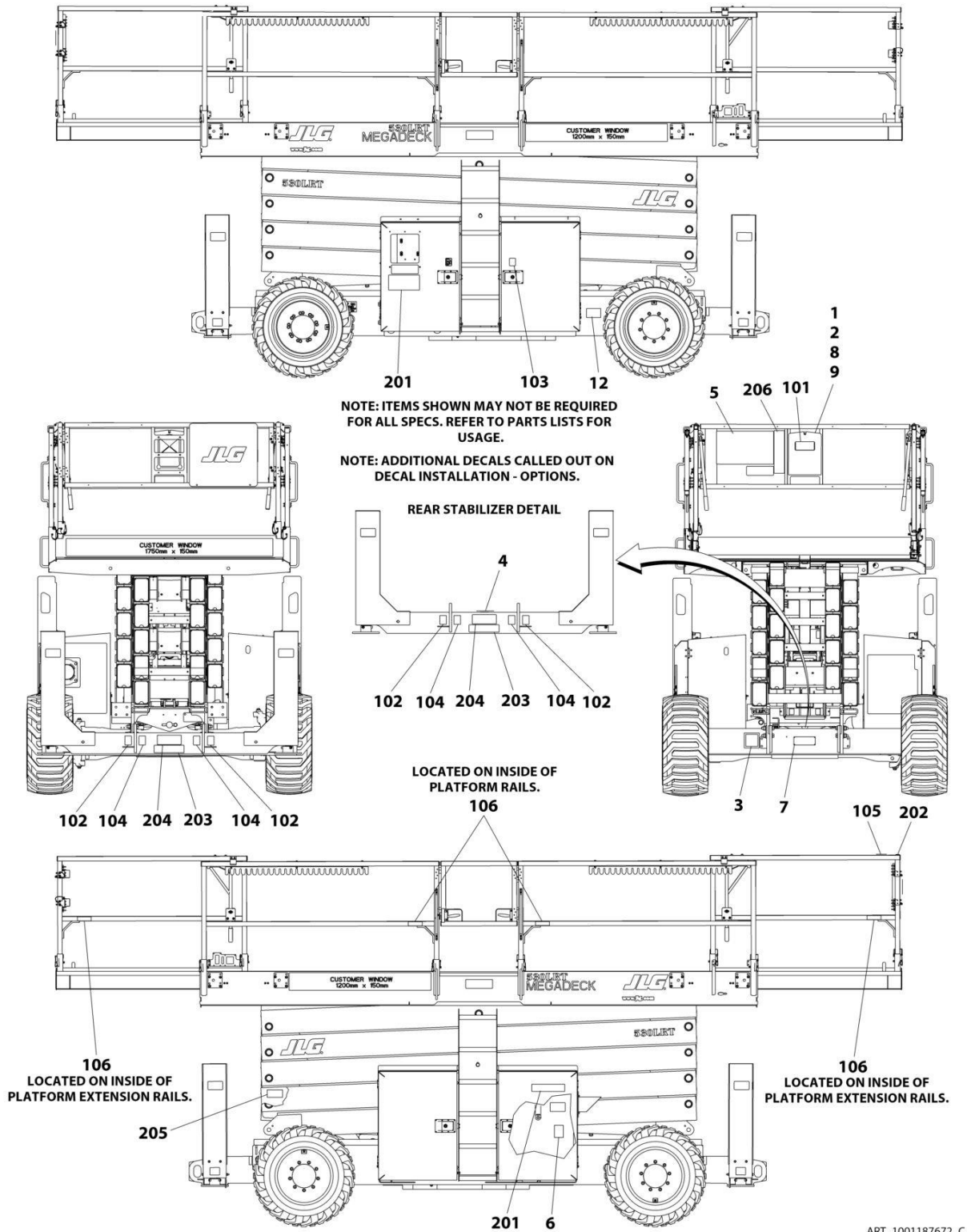
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FIGURE 9-7. DECAL INSTALLATION - KOREAN SPECS (ENGLISH/KOREAN)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215449	Ref	DECAL INSTALLATION	C
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt, M6 X 20	
2	0860520	1	Box, Manual Storage	
3	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1001162115	1	Decal - Danger/Warning	
6	1704412	1	Decal - Hydraulic Oil	
7	2080057	4	Fastener	
8	3290605	4	Nut, Lock M6	
9	4811700	8	Washer, M6	
12	1001224048	1	Decal - Yearly Inspection	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lug	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1001162111	1	Decal - Danger Electrocution/Warning Crushing	
202	1001162112	1	Decal - Control Box Location	
203	1001162114	1	Decal - Danger/Electrocution Hazard	
204	1001162113	1	Decal - Warning Crushing	
205	1705019	1	Decal - Safety Prop	
206	1001162110	1	Decal - Legend	

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



ART_1001187672_C

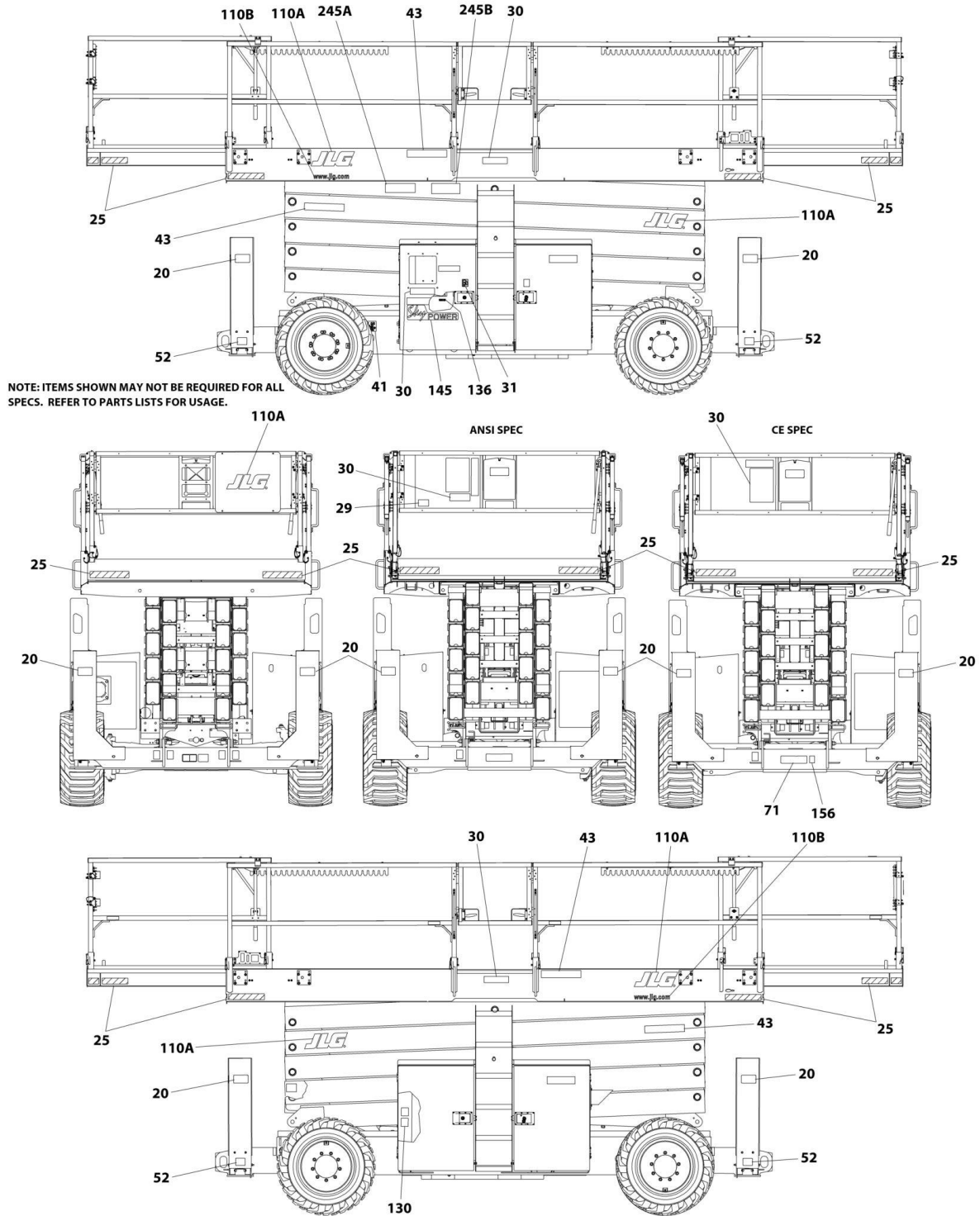
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FIGURE 9-8. DECAL INSTALLATION - LATIN AMERICAN SPECS (ENGLISH/SPANISH)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001187672	Ref	DECAL INSTALLATION	C
		Ref	Note: See DECAL INSTALLATION - OPTIONS for additional decals.	
1	0760610	4	Bolt M6 x 20	
2	0860520	1	Box, Manual Storage	
3	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
4	1703687	2	Decal - Directional Arrow	
5	1704691	1	Decal - Danger/Warning	
6	1704412	1	Decal - Hydraulic Oil	
7	2080057	4	Fastener	
8	3290605	4	Nut M6	
9	4811700	8	Washer M6	
12	1001224049	1	Decal - Yearly Inspection	
101	1701509	1	Decal - Manual	
102	1703811	1	Decal - Lifting Lug	
103	1703812	1	Decal - Hydraulic Oil	
104	1703814	1	Decal - Tie Down	
105	1703819	1	Decal - Directional Arrow	
106	1704277	1	Decal - Lanyard Attach	
201	1704693	1	Decal - Danger Electrocution/Warning Crushing	
202	1704694	1	Decal - Control Box Location	
203	1705041	1	Decal - Danger/Electrocution Hazard	
204	1705316	1	Decal - Warning Crushing	
205	1705019	1	Decal - Safety Prop	
206	1001203076	1	Decal - Legend	

SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - OPTIONS



ART_DECAL_OPTIONS

SECTION 9 - DECALS

FIGURE 9-9. DECAL INSTALLATION - OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DECAL INSTALLATION - REFERENCE CHART	
	1001275394	1	DECAL INSTALLATION - OPTIONS	C
20	1701214	8	Decal - Outrigger Warning (ANSI, ANSI Export, China and CSA Specs) (English)	
20	1701785	8	Decal - Outrigger Warning (Australian, CE, Japanese & UK CA Specs) (English)	
20	1704698	8	Decal - Outrigger Warning (Brazilian Spec) (Spanish/Portuguese)	
20	1704690	8	Decal - Outrigger Warning (CSA Specs) (English/French)	
20	1001215447	8	Decal - Outrigger Warning (Korean Specs) (English/Korean)	
20	1704697	8	Decal - Outrigger Warning (Latin American Spec) (English/Spanish)	
25	1001216420	Ref	Decal - Warning Stripes Installation (Single Deck Extension)	A
25	1001216421	Ref	Decal - Warning Stripes Installation (Dual Deck Extension)	A
25	4420051	10 ft/ 3.1m	Tape, Safety (Single Deck Extension)	
25	4420051	12 ft/ 3.7m	Tape, Safety (Dual Deck Extension)	
29	1001231801	1	Decal - Warning Prop 65 (ANSI Specs)	
30	1001269840	1	Decal - Capacity 1500lbs/680kg (With Single Deck Extension) (All Specs Except Australian, CE & UK CA Specs)	
30	1705036	1	Decal - Capacity 680kg (With Single Deck Extension) (Australian, CE & UK CA Specs)	
30	1001269879	4	Decal - Capacity 1500lbs/680kg (With Dual Deck Extension) (All Specs Except Australian, CE & UK CA Specs)	
30	1001191733	1	Decal - Capacity 680kg (With Dual Deck Extension) (Australian, CE & UK CA Specs)	
31	1701505	1	Decal - Fuel (Diesel)	
31	1701542	1	Decal - Fuel (Dual Fuel)	
41	1700818	1	Decal - LP Gas (ANSI, ANSI Export and CSA Specs) (English)	
41	1702720	1	Decal - LP Gas (ANSI Export Specs) (Spanish)	
41	1704271	1	Decal - LP Gas (CSA Spec) (English/French)	
43	1001264309	4	Decal - Model RT5394	
52	1001191735	4	Decal - Max Tire load	
71	See Note	NSS	Nameplate - Manufacturer Serial Number (Note: Not Available for Purchase)	
110	1001170869	Ref	JLG Logo Decal Installation	A
110A	1702773	5	Decal - JLG	
110B	1704885	2	Decal - Website	
130	1704972	1	Decal - Warning Explosion/Fire (English) (ANSI and ANSI Export Specs)	
130	1706098	1	Decal - Warning Explosion/Fire (Pictogram) (Australian, CE, Japanese & UK CA Spec)	
130	1706059	1	Decal - Warning Explosion/Fire (English/Portuguese) (Brazil Specs)	
130	1706060	1	Decal - Warning Explosion/Fire (English/Chinese) (China Specs)	
130	1706064	1	Decal - Warning Explosion/Fire (English/French) (CSA Specs)	
130	1706063	1	Decal - Warning Explosion/Fire (English/Spanish) (Latin American Specs)	
136	1001125387	1	Decal - Ultra Low Sulfur Fuel (ANSI, CSA and Japanese Specs) (Kubota T4F Only)	
136	1001139654	1	Decal - Ultra Low Sulfur Fuel (CE & UK CA Specs) (ISO)	
145	1705460	2	Decal - SkyPower	
156	1001214029	Ref	EAC Decal Installation (Russian/CIS Specs)	A

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
156	1001173703	1	Decal - EAC	
245A	1001229700	Ref	Decal - ClearSky Telematics Installation	
245A	1001116208	1	Decal - ClearSky	
245A	1001120989	1	Decal - Radio Frequency Device	
245B	1001294765	Ref	Decal - ClearSky Telematics Smart Fleet Installation	
245B	1001120989	1	Decal - Radio Frequency Device	
245B	1001294815	1	Decal - ClearSky Smart Fleet	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

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.	
	70006095	1	Breaker 30AMP (Generator)	
	4360070	1	Breaker, Circuit 15Amp (Ground Control)	
	1001159118	1	Breaker, GFCI 30A - 240V (Machines with Receptacle Assembly)	
	1001181045	1	Breaker, 30mA/16Amp (CE & UK CA Spec Machines)	
	70002113	1	Breather, Hydraulic Tank	
	70050516	1	Coil (Axle Lockout Valve)	
	70002963	1	Coil (Axle Lockout Valve)	
	70003789	1	Coil (Main Control Valve)	
	70001965	1	Coil (Lift Cylinder)	
	70001967	1	Coil (Main Control Valve)	
	70001977	1	Coil (Main Control Valve)	
	70003788	1	Coil (Lift Cylinder)	
	70005788	1	Coil (Lift Cylinder)	
	1001247682	1	Controller Assembly (Platform Box)	
	70010383	12	Element, Charge Filter	
	70001960	12	Element, Return Filter	
		Ref	Engine - Diesel Engine	
	7015004	12	Element, Air Cleaner (Diesel Engines)	
	70005296	12	Element, Fuel/Water Separator (Diesel Engines)	
	7017992	12	Filter, Fuel (Diesel Engines)	
	70004395	12	Filter, Oil (Diesel Engines)	
		Ref	Engine - Gasoline Engine	
	7015004	12	Element, Air Cleaner (Gasoline Engines)	
	7017992	12	Filter, Fuel (Gasoline Engines)	
	7017980	12	Filter, Oil (Gasoline Engines)	
	70005758	1	Module, Engine Control (ECU) (Gasoline Engines)	
	2860030	1	Key, Replacement (Ground Control)	
	2940074	1	Latch (Platform)	
	1001182481	1	Module, Control (Kubota Engines)	
	1001234736	1	Module, Control - Hydraulics	
	1600387	1	Module, Control - LSS	
	1001234735	1	Module, Ground Control	
	1001235098	1	Module, Platform Control	
	3740080	1	Relay (Engine)	
	1001187857	1	Sensor, Dual Axis (Arm Guards)	
	1001181330	1	Sensor, (Ground Controls)	
	4360475	1	Switch, Emergency Stop (Ground Controls & Platform Box)	
	4360469	1	Switch, Key (Ground Control)	
	4360548	1	Switch, Limit (Leveling Jacks)	
	4360387	1	Switch, Push Button (Ground Controls & Platform Box)	
	4360500	1	Switch, Rotary Angle Sensor	
	4360483	1	Switch, Toggle (Platform Box)	
	4360525	1	Switch, Toggle (Platform Box)	

SECTION 10 - RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4360524	1	Switch, Toggle (Ground Controls)	
	1001236560	1	Switch, Toggle (Platform Box)	
	4360482	1	Switch, Toggle (Machines with Generator)	
	4360482	1	Switch, Toggle (All Gasoline Machines)	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

FIGURE 11-1. SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	SPECIAL OPTIONS/ACCESSORIES/KITS	
	1001215967	Ref	Airline Add-on Kit (Dealer Installed)	
	1001234565	Ref	Cable Routing Add-on Kit	
		Ref	ClearSky Telematic Installation (Factory Installed) Options:	
	1001236021	Ref	ClearSky Canbus Connection Installation (Factory Installed) (ANSI & CSA Specs)	
	1001236869	Ref	ClearSky Canbus Connection Installation (Factory Installed) (ANSI Export, CE & UK CA Specs)	
	1001246528	Ref	ClearSky Canbus Connection Installation (Factory Installed) (Australian Spec)	
	1001246529	Ref	ClearSky Canbus Connection Installation (Factory Installed) (Chinese Spec)	
	1001276919	Ref	ClearSky 3 Wire Connection Installation (Factory Installed)	
		Ref	ClearSky Telematic Add-on Kit (Dealer Installed) Options:	
	1001276923	Ref	ClearSky (Telematics) Installation - 3 Wire	
	1001265374	Ref	ClearSky Canbus Connection Add-on Kit (Dealer Installed) (ANSI & CSA Specs)	
	1001237255	Ref	ClearSky Canbus Connection Add-on Kit (Dealer Installed) (ANSI Export, CE & UK CA Specs)	
	1001247539	Ref	ClearSky Canbus Connection Add-on Kit (Dealer Installed) (Australian Specs)	
	1001247788	Ref	ClearSky Canbus Connection Add-on Kit (Dealer Installed) (China Specs)	
	1001230504	Ref	ClearSky 3 Wire Connection Add-on Kit (Dealer Installed) (ANSI and CSA Specs)	
	1001234102	Ref	ClearSky 3 Wire Connection Add-on Kit (Dealer Installed) (ANSI Export, CE & UK CA Specs)	
	1001293729	Ref	ClearSky (Telematics) CS550 Installation	
	1001243580	Ref	ClearSky Telematics Access Control Add-on Kit (ANSI, ANSI Export, CE, CSA & UK CA Specs)	
	1001265379	Ref	ClearSky Telematics Access Control Add-on Kit – Single Can (ANSI Specs)	
	1001243186	Ref	ClearSky Telematics Access Control Add-on Kit – Single Can (CE & UK CA Specs)	
	1001177763	Ref	Cold Weather Package Installation - 120V (Diesel Engine) (Factory Installed)	
	1001215968	Ref	Cold Weather Package Add-on Kit - 120V (Diesel Engine) (Dealer Installed)	
		Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
	1001206739	Ref	Cold Weather Package Installation - 120V (Gas Engine) (Factory Installed)	
	1001188785	Ref	Cold Weather Package Installation - 240V (Diesel Engine) (Factory Installed)	
	1001215969	Ref	Cold Weather Package Add-on Kit - 240V (Diesel Engine) (Dealer Installed)	
	1001191737	Ref	Container Shipment Preparation	
	1001293776	Ref	Dust Cap Connector Installation	
		Ref	Decal Kits:	
	1001194829	Ref	Decal Kit - Country Spec (ANSI Spec)	
	1001194831	Ref	Decal Kit - Country Spec (Australian, CE, Japanese & UK CA Specs)	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194834	Ref	Decal Kit - Country Spec (Brazil Specs)	
	1001214131	Ref	Decal Kit - Country Spec (Chinese Specs)	
	1001194830	Ref	Decal Kit - Country Spec (CSA Specs)	
	1001162116	Ref	Decal Kit - Country Spec (Korean Specs)	
	1001203076	Ref	Decal Kit - Country Spec (Latin American Specs)	
	1001193323	Ref	Decal Kit - Master (Standard Decal)	
	1001287781	Ref	Decal Kit - RT5394	
	1001233631	Ref	Door Bumpers Kit (Dealer Installed)	
	1001233818	Ref	Door Retention Kit (Dealer Installed)	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Electrical Connector Kit - Amp/Tyco Electrical Connectors	
	1001148903	Ref	Electrical Connector Kit - Deutsch DT Electrical Connectors	
	1001148904	Ref	Electrical Connector Kit - Deutsch HD Electrical Connectors	
	1001148905	Ref	Electrical Connector Kit - Packard Electrical Connectors	
	1001148906	Ref	Electrical Connector Kit - Various Electrical Connectors	
	1001253708	Ref	Fan and Pulley Guard Add-on Kit (Australian Specs) (Dealer Installed)	
	1001218620	Ref	Filter Kit (Diesel Engines)	
	1001175145	Ref	Fire Extinguisher Installation	
	1001233320	Ref	Footswitch Installation (Korean Specs Only) (Factory Installed)	
	1001234575	Ref	Footswitch Add-on Kit (Korean Specs Only) (Dealer Installed)	
	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)	
	1001234904	Ref	Fuselink Kit (Dealer Installed)	
		Ref	Generator Add-on Kit Options:	
	1001215964	Ref	Generator Add-on Kit - 4000W 50Hz (Diesel Engines) (Dealer Installed)	
	1001215962	Ref	Generator Add-on Kit - 4000W 60Hz (Diesel Engines) (Dealer Installed)	
	1001215963	Ref	Generator Add-on Kit - 4000W 60Hz (Gas Engines) (Dealer Installed)	
	1001215961	Ref	Generator Add-on Kit - 7500W SkyPower 50Hz (Diesel Engines) (Dealer Installed)	
	1001215959	Ref	Generator Add-on Kit - 7500W SkyPower 60Hz (Diesel Engines) (Dealer Installed)	
	1001215960	Ref	Generator Add-on Kit - 7500W SkyPower 60Hz (Gas Engines) (Dealer Installed)	
	1001215971	Ref	Headlights and Taillights Add-on Kit (Dealer Installed)	
	1001292999	Ref	Heavy Duty Pipe Rack Kit (Dealer Installed)	
	1001238488	Ref	Material Rack Installation (Single Deck Extension) (Factory Installed)	
	1001238484	Ref	Material Tray Add-on Kit (Single Deck Extension) (Dealer Installed)	
	1001236784	Ref	Material Rack Installation (Dual Deck Extension) (Factory Installed)	
	1001231858	Ref	Material Tray Add-on Kit - Dual Deck Extension (Dealer Installed)	
	1001223282	Ref	Oil Cooler Installation (Factory Installed)	
	1001215972	Ref	Oil Cooler Add-on Kit (Dealer Installed)	
	1001215970	Ref	Pipe Racks Add-on Kit	
	1001234258	Ref	Platform Bearing Spacers Kit (Dealer Installed)	
	1001241633	Ref	Platform Console Box Cover Add-on Kit (Dealer Installed)	
	1001197983	Ref	Platform Lanyard Attach Installation	

SECTION 11 - SPECIAL OPTIONS/ACCESSORIES/KITS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001215966	Ref	Platform Lights Add-on Kit - Flood Lights (Dealer Installed)	
	1001234380	Ref	Platform Lights Installation - Worklights (Factory Installed)	
	1001215965	Ref	Platform Lights Add-on Kit - Worklights (Dealer Installed)	
	1001243600	Ref	Platform Work Lights Portable	
		Ref	Platform Padding Options:	
	1001206575	Ref	Platform Padding Installation - Top Rail Only/No Switches (Single Extension)	
	1001206579	Ref	Platform Padding Installation - Top Rail Only/No Switches (Dual Extension)	
	1001206580	Ref	Platform Padding Installation - Soft Touch Switches (ANSI & ANSI Export Specs)	
	1001274390	Ref	Skysense, Level 3 Installation - (Factory Installed)	
	1001286662	Ref	Skysense, Level 3 Kit - (Dealer Installed)	
	1001282384	Ref	Telematics Installation (Dealer Installed)	
	1001283291	Ref	Throttle Actuator Kit	
	1001215958	Ref	Service Kits/Tools	V
		Ref	Tools for Service	
	7002821	1	Crimper, Wire	
	7002823	1	Pin Extractor - Universal (For Electrical Connectors with Pins and Sockets)	
	4460510	1	Pin Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460467	1	Pin Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7016654	1	Screwdriver, Magnetic	
	7002822	1	Screwdriver, Potentiometer	
	7004275	1	Seal Tool 1in (For Cylinders)	
	7004276	1	Seal Tool 1-1/2in (For Cylinders)	
	7002828	1	Stripper, Wire	

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