



Illustrated Parts Manual

Models **800A** **800AJ**

SN 0300140000 to
SN 0300183033 &
SN B300000100 to Present

P/N
3121271

April 30, 2014

ANSI

CE



An Oshkosh Corporation Company

REVISION LOG

NOTE: The 800A & 800AJ Boom Lifts are manufactured by JLG Industries in the following countries: USA and China. Refer to the Serial Number Tag to identify the country of manufacture. The country of manufacture may be determined by the Serial Number. Machines manufactured in the USA will have a serial number prefix of 03 (i.e. 03XXXXXXXX). Machines manufactured in the China will have a serial number prefix of B3 (i.e. B3XXXXXXXX).

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REVISION LOG

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SECTION 1

FRAME

SECTION 1 FRAME

FIGURE 1-1. AXLE AND STEERING INSTALLATION

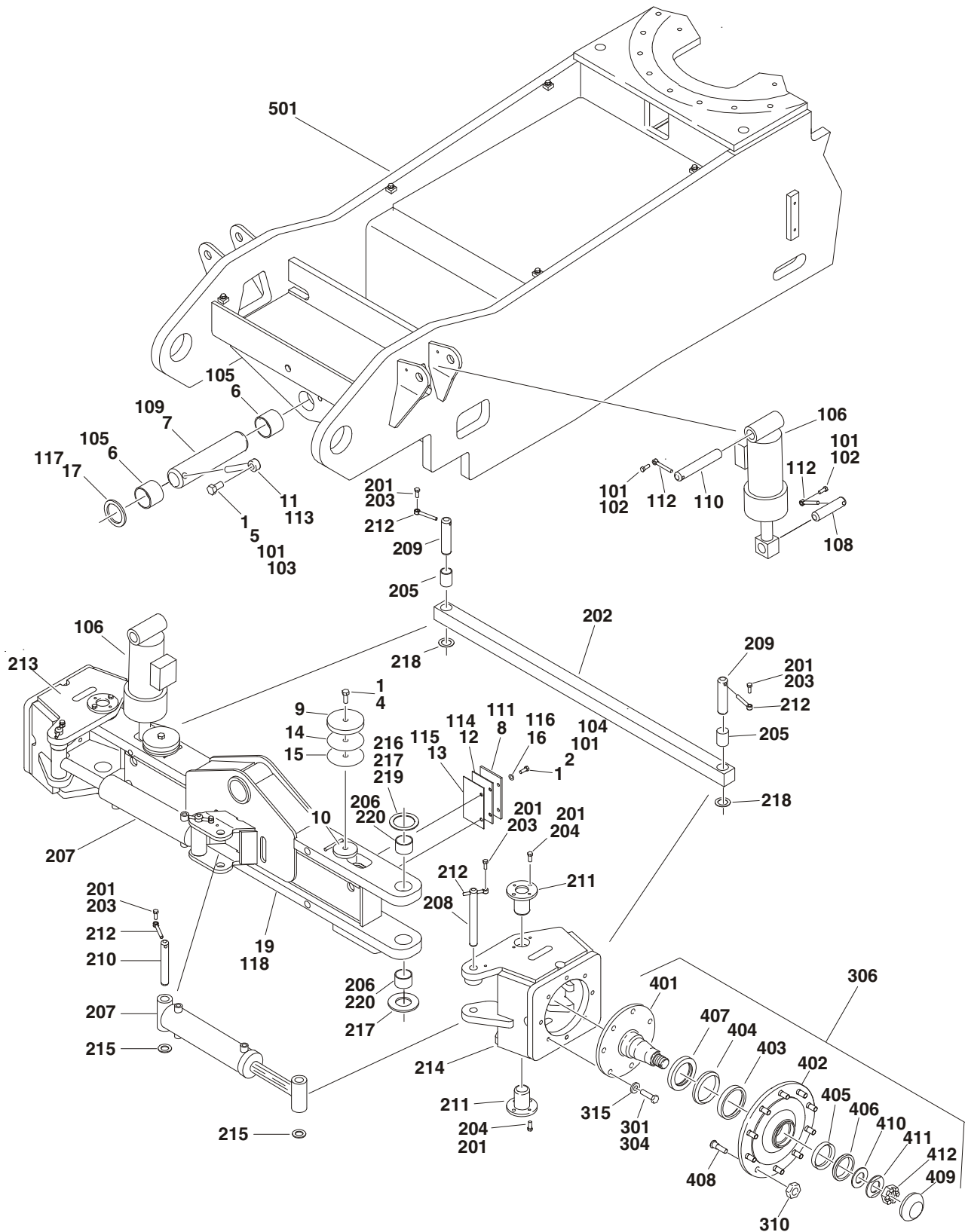


FIGURE 1-1. AXLE AND STEERING INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0258286	Ref	FIXED AXLE INSTALLATION	C
1	0100011	AR	Compound, Locking	
2	0681608	4	Bolt 3/8in-16NC x 1in (Grade 8)	
3	Not Used			
4	0641820	2	Bolt 1/2in-13NC x 2-1/2in	
5	0642212	1	Bolt 3/4in-10NC x 1-1/2in	
6	0962102	2	Bushing, Garmax	
7	3422703	1	Pin, Axle Pivot	
8	3538047	2	Shim, Wear	
9	3539877	2	Plate, Stop	
10	3539878	2	Plate, Stop	
11	3841287	1	Keeper, Pin	
12	4070878	AR	Shim 1/16in	
13	4070879	AR	Shim 1/8in	
14	4070944	AR	Shim 1/16in	
15	4070945	AR	Shim 1/4in	
16	4711600	4	Flatwasher 3/8in Narrow	
17	4740472	1	Washer, Special	
18	Not Used			
19	4845658	1	Axle Weldment	
		Ref	OSCILLATING AXLE INSTALLATIONS	
	0274264	Ref	Oscillating Axle Without Tow Package	E
	0274265	Ref	Oscillating Axle With Tow Package	D
101	0100011	AR	Compound, Locking	
102	0681608	4	Bolt 3/8in-16NC x1in (Grade 8)	
103	0642212	1	Bolt 3/4in-10NC x 1-1/2in	
104	0641608	4	Bolt 3/8in-16NC x1in	
105	0962102	2	Bushing, Composite	
106	1683078	2	Lockout Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
107	Not Used			
108	3422702	2	Pin	
109	3422703	1	Pin, Main Pivot	
110	3422755	2	Pin	
111	3538047	2	Shim, Axle Wear	
112	3841143	4	Shaft, Keeper 3/8in Dia x 3in	
113	3841287	1	Shaft, Keeper 3/8in Dia x 6in	
114	4070878	2	Shim, Axle Wear	
115	4070879	2	Shim, Axle Wear	
116	4711600	4	Flatwasher 3/8in Narrow	
117	4740472	1	Washer, Special	
118		1	Axle Weldment Options:	
	4845658		Axle Without Tow Package	
	4846413		Axle With	

SECTION 1 FRAME

FIGURE 1-1. AXLE AND STEERING INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	STEERING INSTALLATIONS	
	0272003	Ref	2WS	E
	1001100156	Ref	4WS (Rear Steering Typical / Double Qty Listed for 4WS)	E
	1001137261	Ref	King Pin Kit	A
		Ref	Note: Before ordering king pin kit, verify that machines is equipped with the original components (king pin with 4 bolt holes) or service kit components (king pin with 8 bolt holes).	
			- If the king pin hole in the axle measurement exceeds 2.252in OD or is elongated, use King Pin Kit p/n 1001137261.	
		Ref	Note: See Tow Package Installation for Steering Components on Machines with Tow Option.	
		Ref	Note: Qty Shown is for 2WS Machines. Double Qty Required for 4WS Machines.	
201	0100011	AR	Compound, Locking	
202	0362726	1	Tie-Rod	
203	0641608	6	Bolt 3/8in-16NC x 1in	
204	0641810	16	Bolt 1/2in-13NC x 1-1/4in	
205	0962152	2	Bearing, Garmax	
206		4	Bearing Options:	
	0962448		Bearing, Composite (USA Built Machines SN 0300140000 to SN 0300150056 & China Built Machines SN B300000100 to SN B300000277)	
	1001112651		Bearing, Aluminum Bronze (USA Built Machines SN 0300150056 to SN 0300183033 & China Built Machines SN B300000277 to Present)	
207		2	Steer Cylinder Assembly Options (See CYLINDER SECTION for Breakdown):	
	1683740		USA Built Machines SN 0300140000 to SN 0300142664	
	1001097243		USA Built Machines SN 0300142664 to SN 0300183033 & China Built Machines SN B300000100 to Present	
208	3422701	2	Pin, Steer, Spindle Attach	
209	3422702	2	Pin, Tie-Rod	
210	3422754	2	Pin, Attach	
211	3422972	4	Kingpin	
212	3841143	6	Shaft, Keeper 3/8in x 3in	
213	4130389	1	Spindle Weldment (Right Side)	
214	4130390	1	Spindle Weldment (Left Side)	
215	4740111	4	Washer, Special	
216	4740256	2	Washer, Thrust (.125in)	
217	4740463	2	Washer, Thrust (.250in)	
218	4740473	2	Washer, Special	
219	1001103810	2	Washer, Thrust (.187in)	
220	3020029	AR	Lube, Bearing	
	0273378	Ref	HUB INSTALLATION (2WD ONLY)	E
301	0100011	AR	Compound, Locking	
302 to 303	Not Used			
304	0682016	16	Bolt 5/8in-16NC x 2in (Grade 8)	
305	Not Used			

FIGURE 1-1. AXLE AND STEERING INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
306	2780229	2	Hub Assembly (See Items 401-412 for Breakdown)	A
307 to 309	Not Used			
310	3300007	20	Lugnut	
311 to 314	Not Used			
315	4892000	16	Flatwasher 5/8in Hardened	
	2780229	Ref	HUB ASSEMBLY (2WD ONLY)	
401	7017052	2	Spindle (1 per Assembly)	
402	7017053	2	Housing (1 per Assembly)	
403	7010404	2	Cup, Bearing - Inner (1 per Assembly)	
404	7010405	2	Cone, Bearing - Inner (1 per Assembly)	
405	7017056	2	Cup, Bearing - Outer (1 per Assembly)	
406	7017055	2	Cone, Bearing - Outer (1 per Assembly)	
407	7010406	2	Seal, Lip (1 per Assembly)	
408	7000265	20	Stud (10 per Assembly)	
409	7017054	2	Dust Cap (1 per Assembly)	
410	7017051	2	Washer, Special (1 per Assembly)	
411	7017057	2	Washer, Tanged (1 per Assembly)	
412	7017058	2	Nut, Bearing (1 per Assembly)	
501		Ref	FRAME WELDMENT OPTIONS:	
		Ref	All Spec -Frame Weldment	
	2360645		2WD/2WS with Foam-Filled Tires	
	2360647		4WD/2WS with Foam-Filled Tires	
	2360709		4WD/4WS with Foam-Filled Tires	
		Ref	All Specs Except Australian & CE Spec -Frame Weldment	
	2360644		2WD/2WS with Pneumatic Tires	
	2360646		4WD/2WS with Pneumatic Tires	
	2360686		4WD/4WS with Pneumatic Tires	

FIGURE 1-2. TIRE AND WHEEL INSTALLATIONS

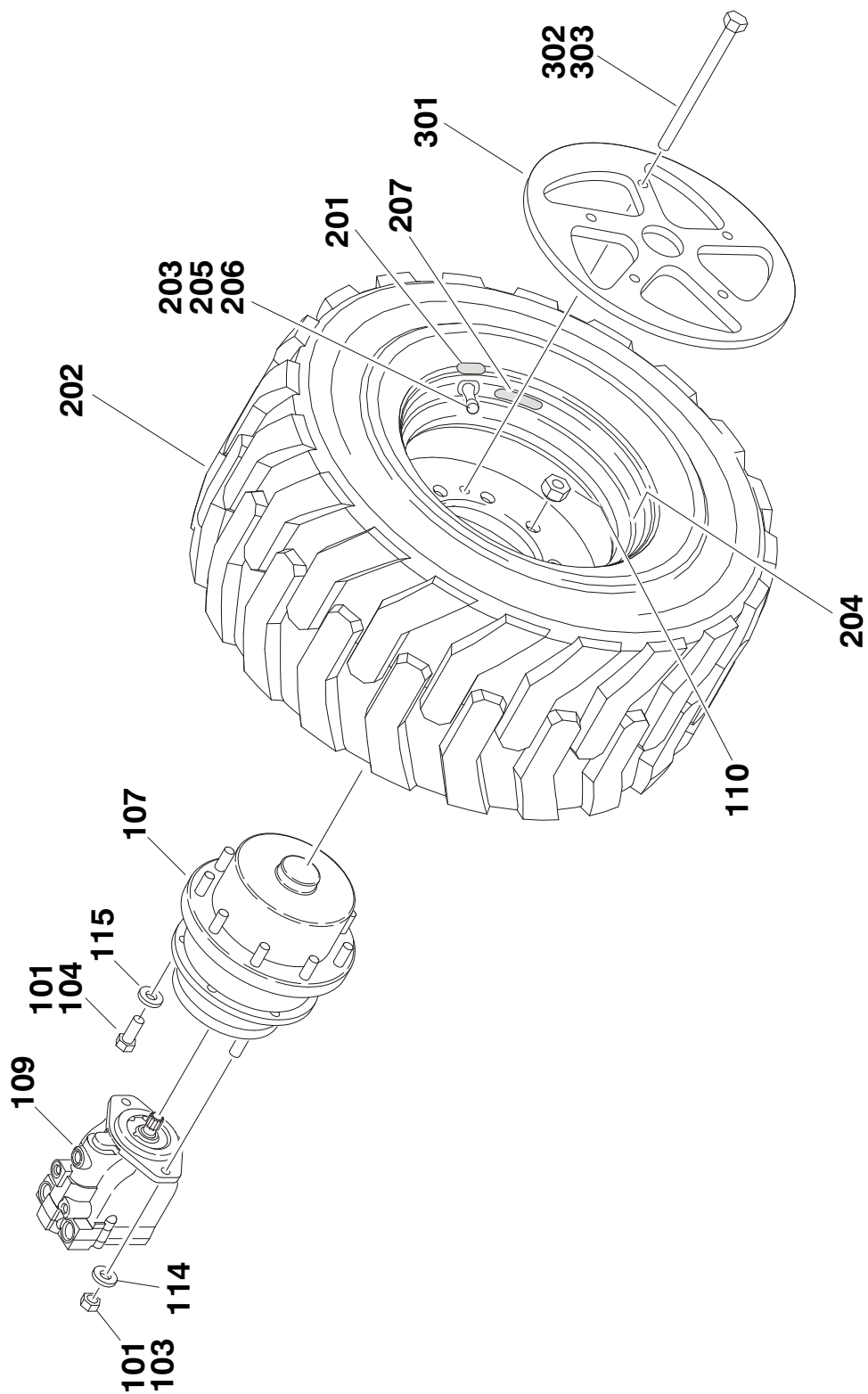


FIGURE 1-2. TIRE AND WHEEL INSTALLATIONS

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	WHEEL DRIVE INSTALLATION	
	0273378	Ref	2WD/2WS	E
	0273704	Ref	4WD/2WS	D
	0274232	Ref	4WD/4WS	D
		Ref	Note: Qty Shown is for 2WS Machines. Double Qty Required for 4WS Machines.	
101	0100011	AR	Compound, Locking	
102	Not Used			
103	3311801	4	Nut 1/2in-13 NC	
104	0682016	16	Bolt 5/8in-11NC x 2in (Grade 8)	
105	2300016	AR	Fluid, Hydraulic (Not Shown)	
106	Not Used			
107	2780272	2	Drive Hub Assembly (See DRIVE HUB ASSEMBLY for Breakdown)	
108	3020008	AR	Lubricant (Not Shown)	
109		2	Drive Motor Assembly Options (See DRIVE MOTOR ASSEMBLY for Breakdown):	
	3160347	2	2WD Rear	
	3160348	4	4WD Front & Rear	
110	3300007	20	Nut, Wheel	
111 to 113	Not Used			
114	4891800	4	Flatwasher, 1/2in Hardened	
115	4892000	16	Flatwasher, 5/8in Hardened	
		Ref	TIRE AND WHEEL INSTALLATIONS	
	0270885	Ref	15-625 Pneumatic	C
	0272322	Ref	15-625 Pneumatic W/Sealant	C
	1001101067	Ref	18-22.5 Pneumatic W/Sealant	1
	0270886	Ref	15-625 Foam-Filled	C
	0270888	Ref	18-625 Foam-Filled	C
	0271083	2	15-625 Pneumatic Left Side	
	0272334	2	15-625 Pneumatic/TS Left Side	
	1001097519	2	18-22.5 Pneumatic/TS Left Side	
	0271084	2	15-625 Pneumatic Right Side	
	0272333	2	15-625 Pneumatic/TS Right Side	
	1001097519	2	18-22.5 Pneumatic/TS Right Side	
	0271085	2	15-625 Foam-Filled Left Side	
	0271086	2	15-625 Foam-Filled Right Side	
	0271090	2	18-625 Foam-Filled Left Side	
	0271091	2	18-625 Foam-Filled Right Side	
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation & Safety or Service & Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire & wheel assembly, otherwise, purchase complete assembly,	

SECTION 1 FRAME

FIGURE 1-2. TIRE AND WHEEL INSTALLATIONS (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
201	1702701 1702739	1	Decal Options: 95 PSI (15-625 Tires) 85 PSI (18-22.5 Tires)	2/A
202	4520252 4520253 1001097408	1	Tire Options: 15-625 18.625 18.22.5	
203	4640113	1	Valve, Air	
204	4860224 1001097407 4860225	1	Rim, Wheel Options: 13 x 24.5 14 x 22.5 15 x 24.5	
205	1120552	1	Cap Valve Stem (Green) (W/Sealant Only)	
206	1300019	AR	Chemical, Tire Sealant (Green) (W/Sealant Only)	
207	1705364	1	Decal - Tire Sealant (W/Sealant Only)	
	0256196	Ref	WHEEL COVER INSTALLATION (OPTIONAL)	
301	1670776	4	Cover, Wheel	
302	0641550	20	Bolt 5/16in - 18NC x 6-1/4in	
303	0100011	AR	Compound, Locking	

FIGURE 1-2. TIRE AND WHEEL INSTALLATIONS (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 1-3. DRIVE HUB ASSEMBLY

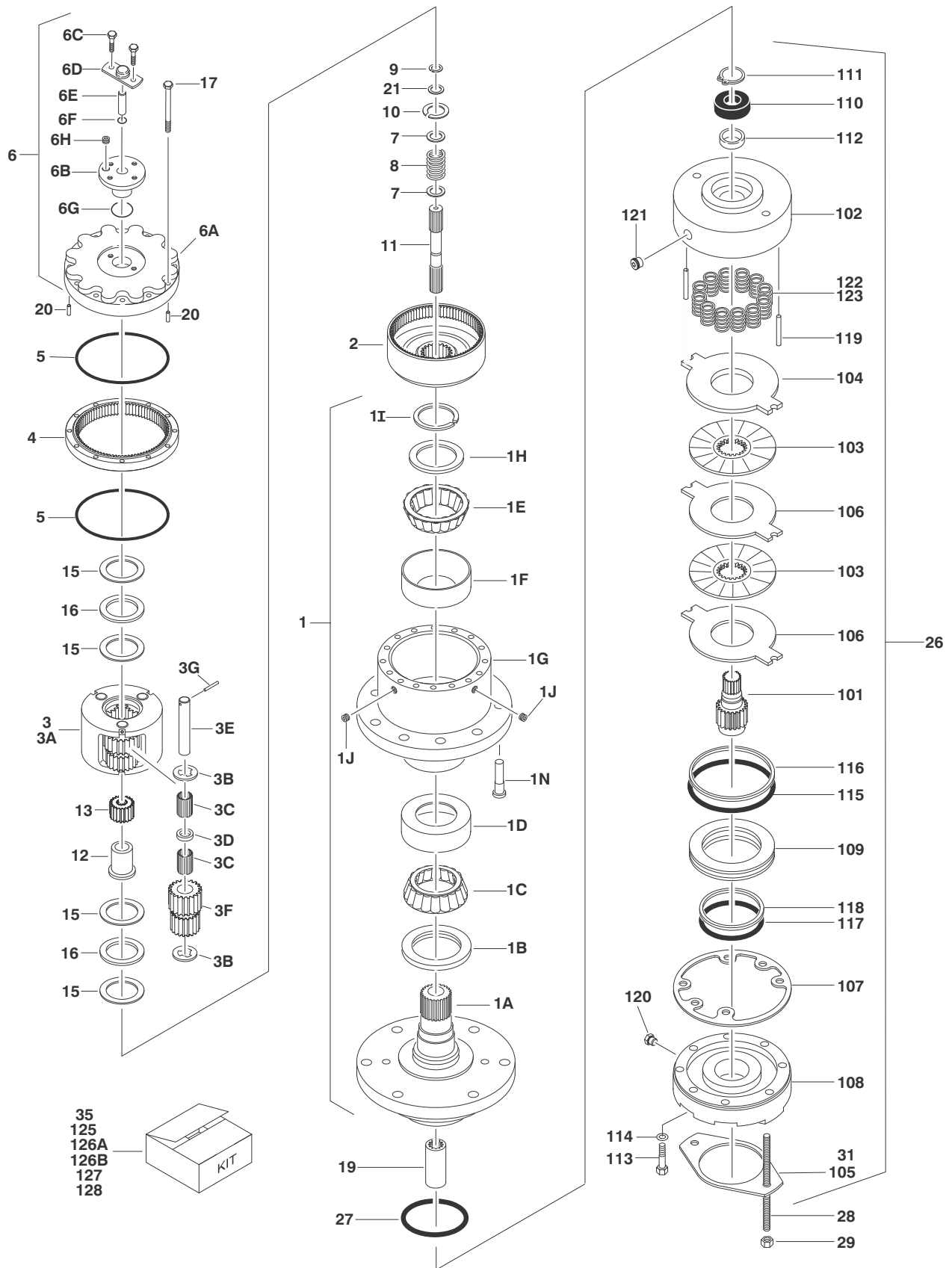


FIGURE 1-3. DRIVE HUB ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	2780272	Ref	DRIVE HUB/BRAKE ASSEMBLY	B
	2780227	Ref	Hub Assembly	A
1	See Note	1	Spindle/Housing Assembly (Note: Not Available - Purchase Individual Components.)	
1A	7010464	1	Spindle	
1B	7000236	1	Seal	
1C	7000273	1	Cone, Bearing	
1D	7000272	1	Cup, Bearing	
1E	7000275	1	Cone, Bearing	
1F	7000274	1	Cup, Bearing	
1G	7017033	1	Housing	
1H	7000239	1	Washer, Thrust	
1I	7000240	1	Ring, Retaining	
1J	7001928	1	Plug, Pipe	
1K	Not Used			
1L	Not Used			
1M	Not Used			
1N	7000265	10	Stud, Wheel	
2	7024782	1	Gear, Ring	
3	See Note	1	Carrier Assembly (Note: Not Available - Purchase Individual Components.)	
3A	7024147	1	Carrier	
3B	7001901	6	Thrustwasher, Tanged	
3C	7001902	96	Bearing, Needle	
3D	7001903	3	Spacer, Thrust	
3E	7024146	3	Shaft, Planet	
3F	7024148	3	Gear, Cluster	
3G	7001906	3	Rollpin	
4	7024151	1	Gear, Internal	
5	7000224	2	O-Ring	
6	See Note	1	Cover Assembly (Note: Not Available - Purchase Individual Components.)	
6A	7024155	1	Cover	
6B	7024783	1	Cap	
6C	7000220	4	Bolt 1/4in-20NC x 3/4in	
6D	7000231	1	Cap, Disengage	
6E	7000235	1	Rod, Disengage	
6F	7000213	1	O-Ring	
6G	7000238	1	O-Ring	
6H	7017048	1	Plug, Pipe	
7	7000282	2	Thrustwasher	
8	7000283	1	O-Ring	
9	7000284	1	Ring, Retaining	
10	7000285	1	Ring, Retaining	
11	7024781	1	Shaft, Input	
12	7024154	1	Spacer, Input	
13	7024149	1	Gear, Sun	
14	Not Used			

SECTION 1 FRAME

FIGURE 1-3. DRIVE HUB ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
15	7000287	4	Thrustwasher	
16	7000288	2	Thrustwasher	
17	7000289	12	Bolt 3/8in-16NC x 2-1/2in (Grade 8)	
18	Not Used			
19	7000290	1	Coupling	
20	7017047	2	Pin, Dowel	
21	7017050	1	Thrustwasher	
22 to 25	Not Used			
26	7024182	1	Brake Assembly (Includes Items 101-123)	
27	7024763	2	O-Ring	
28	7024717	2	Stud 1/2in-13NC x 4-5/8in	
29	7024718	2	Nut 1/2in-13NC	
30	Not Used			
31	7000731	1	Gasket	
32 to 34	Not Used			
35	7017068	1	Seal Kit - Hub (Includes Items 1B,1I, 5, 6F, 6G, 15 & 16)	
	7024182	Ref	BRAKE ASSEMBLY	
101	7024189	1	Shaft	
102	Use 7024182	1	Housing (Note: Not Available - Purchase Complete Assy.)	
103	Use 7024193	2	Plate, Friction	
104	Use 7024193	1	Plate, Pressure	
105	7000731	1	Gasket	
106	Use 7024193	2	Plate, Outer	
107	See Note	1	Gasket (Note: Use Item 125, 127 or 128.)	
108	7024191	1	Cylinder	
109	7024192	1	Piston	
110	Use 7024197	1	Bearing, Ball	
111	Use 7024197	1	Ring, Retaining	
112	Use 7024197	1	Seal, Shaft	
113	See Note	6	Capscrew (Note: Not Available for Purchase.)	
114	See Note	6	Lockwasher (Note: Not Available for Purchase.)	
115	Use 7024194	1	O-Ring	
116	Use 7024194	1	Ring, Back-up	
117	Use 7024194	1	O-Ring	
118	Use 7024194	1	Ring, Back-up	
119	7024190	2	Pin, Dowel	
120	See Note	1	Plug (Note: Not Available - Purchase Locally.)	
121	See Note	2	Plug (Note: Not Available - Purchase Locally.)	
122	Use 7024195	10	Spring Kit (Natural)	
123	Use 7024196	2	Spring Kit (Blue)	
124	Not Used			
125	7024194	1	Seal Kit - Brake (Includes Items 105, 107 & 115-118)	
126			Spring Kit - Brake Options:	
126A	Use 7024196	1	Includes 12 Natural Colored Springs Item 122 (was p/n 7024195) Note: Spring Kit no Longer Available, Purchase Kit p/n 7024196.	
126B	7024196	1	Includes 12 Natural & 2 Blue Colored Springs Items 122 & 123	

SECTION 1 FRAME

FIGURE 1-3. DRIVE HUB ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
127	7024193	1	Friction Disc Kit - Brake (Includes Items 103, 104, 106 & 107)	
128	7024197	1	Bearing Kit - Brake (Includes Items 107 & 110-112)	

SECTION 1 FRAME

FIGURE 1-4. DRIVE MOTOR ASSEMBLY

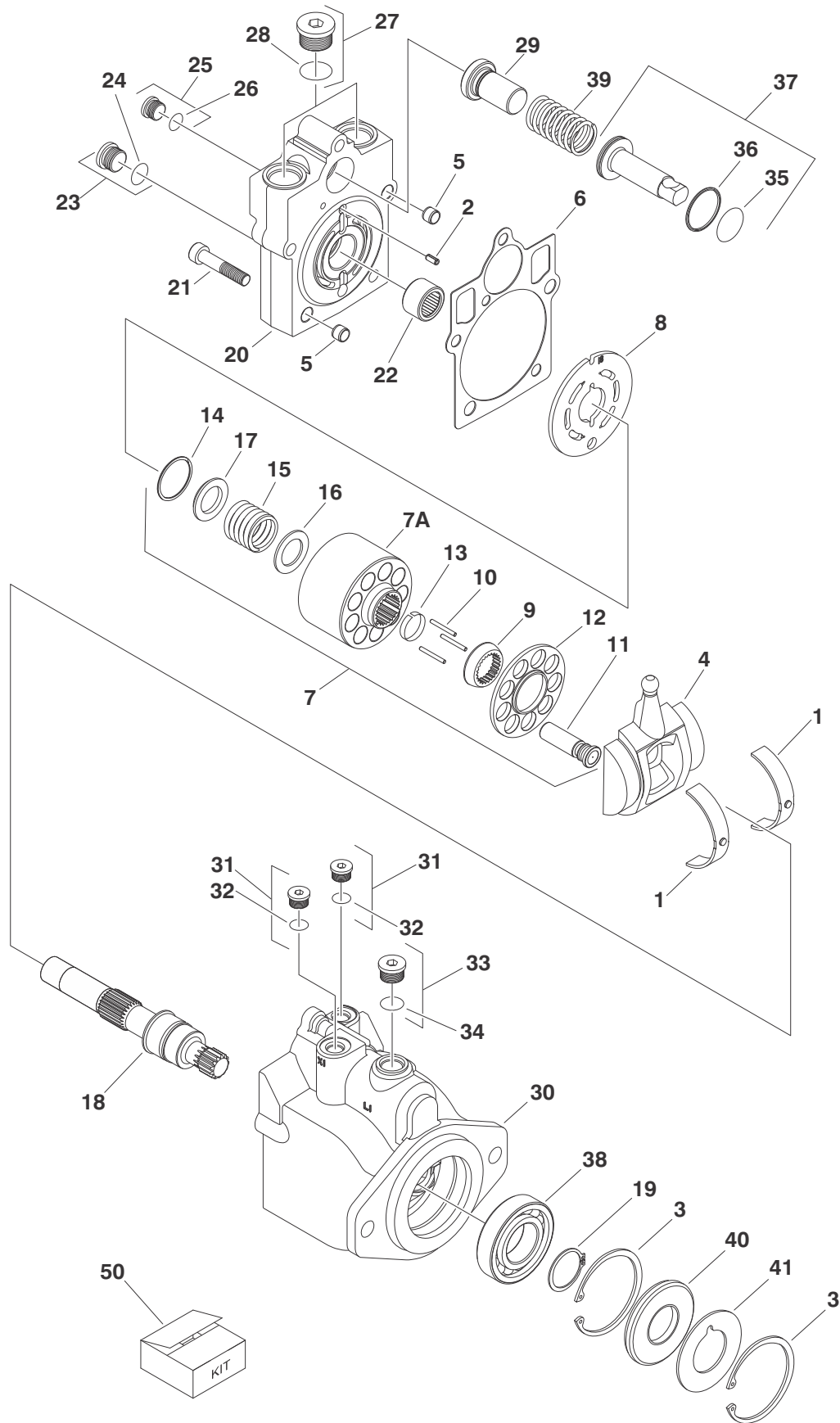


FIGURE 1-4. DRIVE MOTOR ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	DRIVE MOTOR ASSEMBLIES:	
	3160347	Ref	2WD	B
	3160348	Ref	4WD	B
1	7022302	2	Bearing, Journal	
2	7007446	1	Pin	
3	7007438	2	Ring, Retaining	
4		1	Swashplate Options:	
	70000794		2WD	
	7022305		4WD	
5	See Note	2	Pin (Note: Not Available for Purchase.)	
6	Use 7022328	1	Gasket	
7		1	Cylinder Block Kit (Includes Items 7A & 9-17)	
	7027740		2WD	
	7023907		4WD	
7A	See Note	1	Block, Cylinder (Note: Not Available - Purchase Complete Cylinder Block Kit.)	
8		1	Plate, Valve Options:	
	7024862		2WD	
	7023908		4WD	
9		1	Guide, Slipper Retainer Options:	
	See Note		2WD (Note: Not Available for Purchase.)	
	7021277		4WD	
10	7021275	3	Pin, Slipper Hold Down	
11	See Note	9	Piston Assembly (Note: Not Available - Purchase Complete Assy.)	
12		1	Retainer, Slipper Options:	
	See Note		2WD (Note: Not Available for Purchase.)	
	7022310		4WD	
13		1	Retainer, Hold Down Pin Options:	
	Not Required		2WD	
	7021276		4WD	
14	7022311	1	Ring, Retaining	
15		1	Spring Options:	
	7024867		2WD	
	7022312		4WD	
16		1	Washer Options:	
	7022313		2WD	
	7024868		4WD	
17	7022314	1	Retainer, Spring	
18	7023910	1	Shaft	
19	7007439	1	Ring, Retaining	
20		1	Cap, End - Axial Options:	
	70000795		2WD	
	70000797		4WD	
21	7022368	5	Screw	
22	7021249	1	Bearing, Needle	
23	2220886	1	Plug (Includes Item 24)	
24	Use 7022328	1	O-Ring	

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FIGURE 1-4. DRIVE MOTOR ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
25	2220883	1	Plug (Includes Item 26)	
26	Use 7022328	1	O-Ring	
27	2220888	2	Plug (Includes Item 28)	
28	Use 7022328	2	O-Ring	
29		1	Seat, Spring Options:	
	7027741		2WD	
	7022372		4WD	
30	See Note	1	Housing (Note: Not Available - Purchase Complete Assy.)	
31	2220883	2	Plug (Items Item 32)	
32	Use 7022328	2	O-Ring	
33	2220886	1	Plug (Items Item 34)	
34	Use 7022328	1	O-Ring	
35	Use 7022328	1	O-Ring	
36	Use 7022328	1	Ring, Seal	
37		1	Piston, Servo Options (Includes Items 35 & 36):	
	7024871		2WD	
	7024854		4WD	
38	7007437	1	Bearing	
39	7022326	1	Spring	
40	Use 7022328	1	Seal, Lip	
41	7022371	1	Washer, Support	
42 to 49	Not Used			
50	7022328	1	Seal Kit (Includes Items 6,24,26,28,32,34,35,36 and 40)	

FIGURE 1-4. DRIVE MOTOR ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 1-5. DRIVE VALVES & SHIELDS INSTALLATIONS

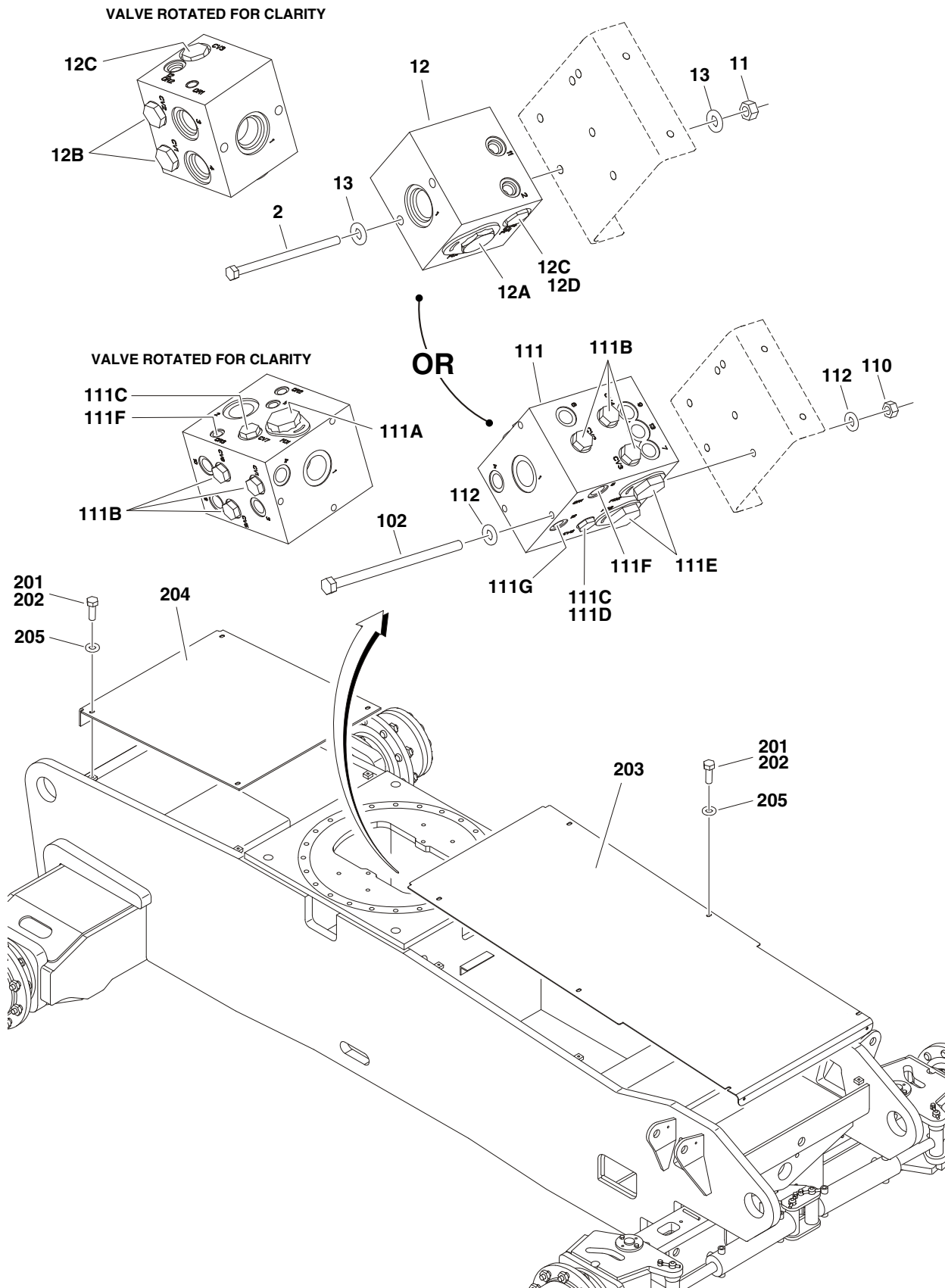
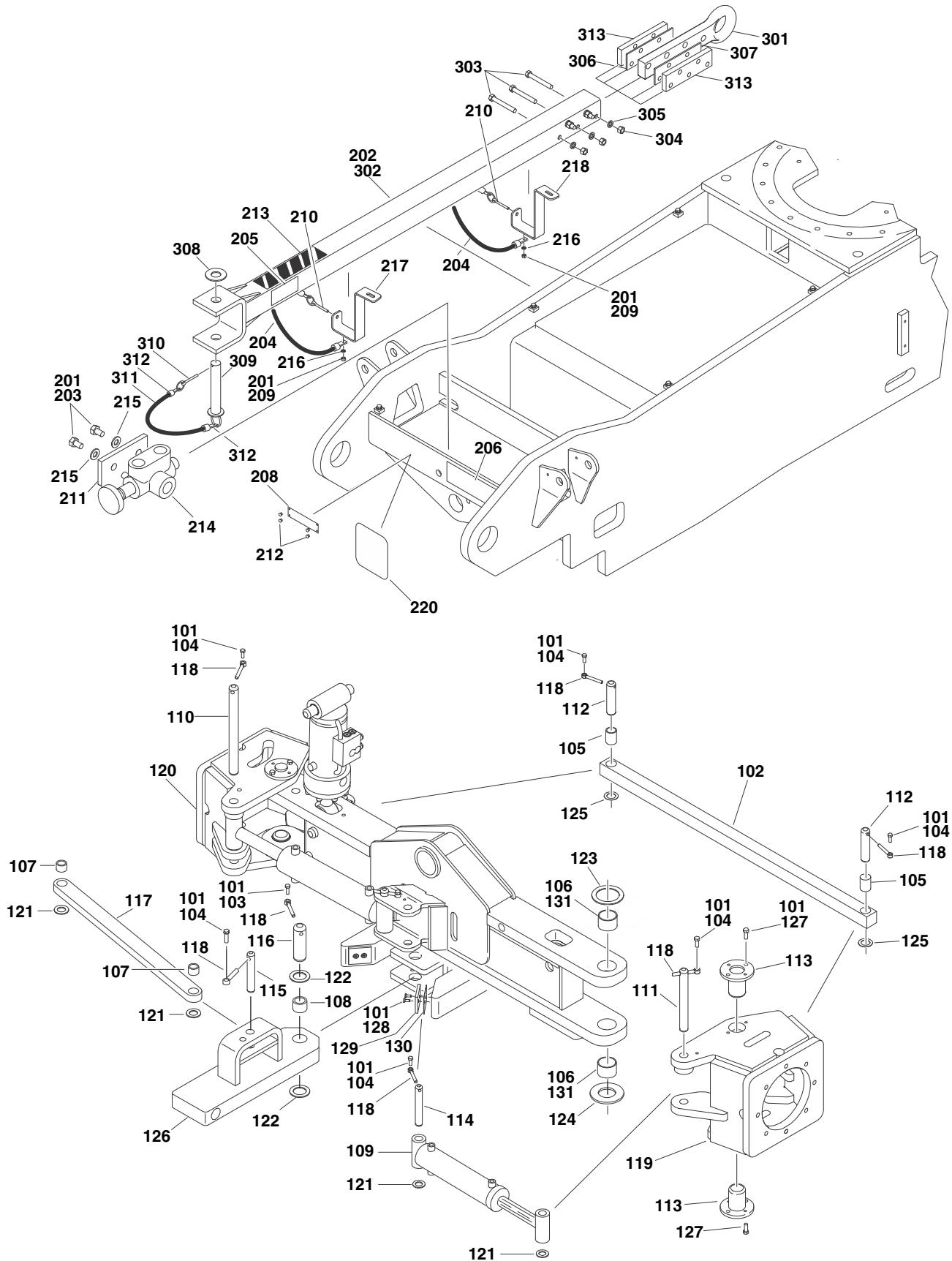


FIGURE 1-5. DRIVE VALVES & SHIELDS INSTALLATIONS

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0273378	Ref	DRIVE VALVES INSTALLATION - 2WD	E
1	Not Used			
2	0641542	2	Bolt 5/16in-18NC x 5-1/4in	
3 to 10	Not Used			
11	3311505	2	Locknut 5/16in-18NC	
12	1001099870	1	Flow Divider Valve Assembly	A
12A	7023933	1	Cartridge, Flow Divider	
	7021625	1	Seal Kit - 7023933 Cartridge	
	70000781	1	Lockdown Kit	
12B	7022397	2	Cartridge, Check	
	7022399	2	Seal Kit - 7022397 Cartridge	
12C	70002390	2	Cartridge, Check	
	7022399	2	Seal Kit - 70002390 Cartridge	
12D	7024881	1	Piston, Pilot	
13	4711500	4	Flatwasher 5/16in Narrow	
		Ref	DRIVE VALVES INSTALLATION	
	0273704	Ref	4WD/2WS	D
	0274232	Ref	4WD/4WS	D
101	Not Used			
102	0641560	3	Bolt 5/16in-18NC x 7-1/2in	
103 to 109	Not Used			
110	3311505	3	Locknut 5/16in-18NC	
111	4641303	1	Flow Divider Valve Assembly	B
111A	7023933	1	Cartridge, Flow Divider	
	7021625	1	Seal Kit - 7023933 Cartridge	
111B	7022397	6	Cartridge, Check	
	7022399	6	Seal Kit - 7022397 Cartridge	
111C	7021639	2	Cartridge, Check Valves	
	2900756	2	Seal Kit - 7022398 Cartridge	
111D	7024881	1	Piston, Pilot	
111E	7023917	2	Cartridge, Flow Divider	
	7021625	2	Seal Kit - 7023917 Cartridge	
111F	70003935	2	Orifice	
111G	70003936	1	Orifice	
112	4711500	6	Flatwasher 5/16in Narrow	
		Ref	FRAME SHIELDS INSTALLATIONS	
	0274267	Ref	2WS	A
	0274266	Ref	4WS	A
201	0100011	AR	Compound, Locking	
202	0641608	AR	Bolt, 3/8in - 16NC x 1in	
203	3575718	1	Plate, Cover Front	
204		1	Plate, Cover Rear Options:	
	Not Required		2WS	
	3570690		4WS	
205	4751600	AR	Flatwasher, 3/8in	

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FIGURE 1-6. TOW PACKAGE INSTALLATION (2WS ONLY) (ANSI, ANSI EXPORT & CE)



SECTION 1 FRAME

FIGURE 1-6. TOW PACKAGE INSTALLATION (2WS ONLY) (ANSI, ANSI EXPORT & CE)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0271352	Ref	STEERING INSTALLATION	H
1 to 100	Not Used			
101	0100011	AR	Compound, Locking	
102	0362726	1	Tie-Rod	
103	0641508	1	Bolt 5/16in-18NC x 1in	
104	0641608	7	Bolt 3/8in-16NC x 1in	
105	0962152	2	Bearing, Composite	
106		4	Bearing Options:	
	0962448		Bearing, Composite (USA Built Machines SN 0300140000 to SN 0300150056 & China Built Machines SN B300000100 to SN B300000277)	
	1001112651		Bearing, Aluminum Bronze (USA Built Machines SN 0300150056 to SN 0300183033 & China Built Machines SN B300000277 to Present)	
107	0962292	2	Bearing, Garmax	
108	0962348	1	Bearing, Composite	
109		2	Steer Cylinder Assembly Options (See CYLINDER SECTION for Breakdown):	
	1683740		USA Built Machines SN 0300140000 to SN 0300142664	
	1001097243		USA Built Machines SN 0300142664 to SN 0300183033 & China Built Machines to Present	
110	3422567	1	Pin	
111	3422701	1	Pin, Steer, Spindle Attach	
112	3422702	2	Pin, Tie-Rod	
113	3422972	4	Kingpin Options:	
114	3422754	2	Pin, Attach	
115	3422813	1	Pin	
116	3422848	1	Pin, Hitch	
117	3573001	1	Plate, Connecting Link	
118	3841143	8	Shaft, Keeper 3/8in x 3in	
119	4130390	1	Spindle Weldment (Left Side)	
120	4130388	1	Spindle Weldment (Right Side)	
121	4740111	6	Washer, Special	
122	4740155	2	Washer, Thrust	
123	4740256	4	Washer, Thrust	
124	4740463	2	Washer, Thrust	
125	4740473	2	Washer, Special	
126	4846935	1	Bar, Pivot	
127	0641810	16	Bolt 1/2in-13NC x 1-1/4in	
128	0741609	4	Bolt 3/8in-16NC x 1-1/8in	
129	3340966	2	Pad, Stop	
130	4071059	AR	Shim	
131	3020029	AR	Lube, Bearing	
		Ref	TOW BAR INSTALLATIONS	
	0274252	Ref	ANSI/ANSI Export	A
	1001166806	Ref	CE	A
201	0100011	AR	Compound, Locking	

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FIGURE 1-6. TOW PACKAGE INSTALLATION (2WS ONLY) (ANSI, ANSI EXPORT & CE)

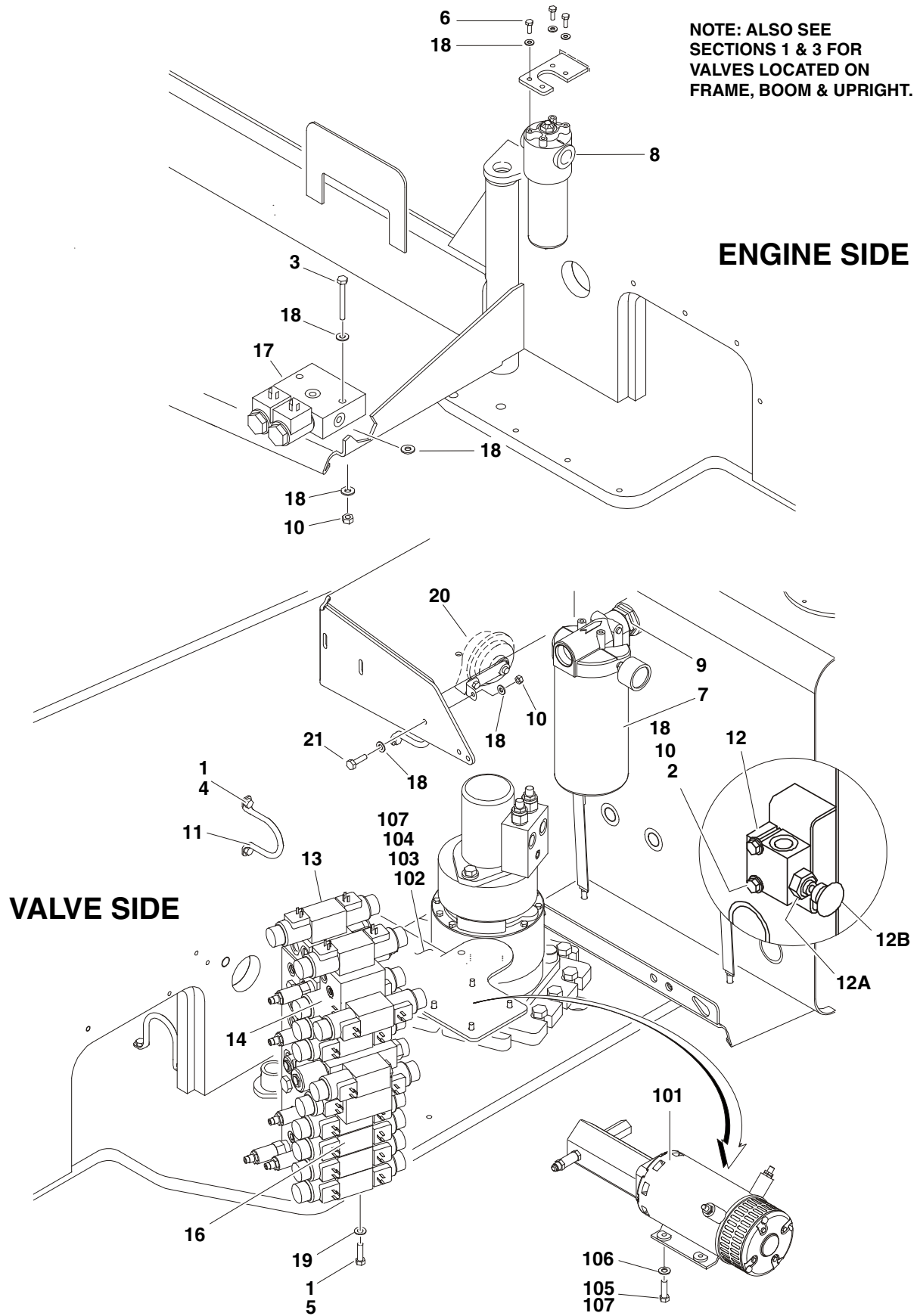
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
202	0232121	1	Tow Bar Assembly (See Items 301 to 313 For Breakdown)	
203	0641504	2	Bolt 5/16in-18NC x 1/2in	
204	1260017	2ft/0.3m	Chain	
205		2	Decal - Crushing Options:	
	1704578		ANSI/ANSI Export Specs	
	1706960		CE Spec	
206	1705090	1	Decal - Towing Instructions (ANSI/ANSI Export Specs Only)	
207	Not Used			
208	3250872	1	Nameplate - Steer/Tow Valve (ANSI/ANSI Export Specs Only)	
209	3311401	2	Nut 1/4in-20NC	
210	3420292	2	Pin	
211	3539662	1	Plate, Valve Mounting	
212	3820001	4	Rivet, Pop (ANSI/ANSI Export Specs Only)	
213	4420051	2ft/0.3m	Tape	
214	4640261	1	Valve, Float Position	
215	4711500	2	Flatwasher 5/16in (Narrow)	
216	4751400	2	Flatwasher 1/4in (Wide)	
217	4846507	1	Bracket	
218	4846508	1	Bracket	
219	3570686	1	Plate, Cover (ANSI/ANSI Export Specs Only) (Not Shown)	
220	1706957		Decal - Tow Bar & Steer Select (CE Spec Only)	
	0232121	Ref	TOW BAR ASSEMBLY	7/G
301	0360406	1	Bar, Draw	
302	4843777	1	Bar, Tow	
303	0642038	5	Bolt 5/8in-11NC x 4-3/4in	
304	3312001	5	Nut 5/8in-11NC	
305	4762000	5	Lockwasher 5/8in	
306	4070450	AR	Shim, Spacer	
307	4070561	AR	Shim, Spacer	
308	4740036	1	Flatwasher 1-1/2in	
309	3420447	1	Pin	
310	3420372	1	Pin	
311	1260135	1	Chain	
312	3760170	2	Ring	
313	4070560	2	Shim	

SECTION 2

TURNTABLE

SECTION 2 TURNTABLE

FIGURE 2-1. CONTROL VALVES & HORN INSTALLATIONS



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FIGURE 2-1. CONTROL VALVES & HORN INSTALLATIONS

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	VALVES INSTALLATIONS	
	0274640	Ref	800A (2WS)	D
	0274641	Ref	800A (4WS)	E
	0274642	Ref	800AJ (2WS)	E
	0274643	Ref	800AJ (4WS)	E
1	0100011	AR	Compound, Locking	
2	0641416	2	Bolt 1/4in-20NC x 2in	
3	0641418	2	Bolt 1/4in-20NC x 2-1/4in	
4	0641606	8	Bolt 3/8in-16NC x 3/4in	
5	0641614	3	Bolt 3/8in-16NC x 1-3/4in	
6	0651406	3	Bolt 1/4in-28NF x 3/4in	
7	2120167	1	Return Filter Assembly	
	2120168	1	Element, Filter	
	7020021	1	Indicator, Clogged	
8	2120209	1	Pressure Filter Assembly	
	2120210	1	Element, Filter	
	70000934	1	O-Ring, Filter Bowl	
	7020020	1	Indicator, Clog	
9	2220893	1	Fitting, Adapter	
10	3311405	5	Locknut 1/4in-20NC	
11	3841340	4	Loop, Hose	
12	4640866	1	Valve Assembly (Level)	
12A	7017466	1	Cartridge	
	Use 7017496	1	Seal Kit - Cartridge (was p/n 2900708)	
12B	7012959	1	Knob	
13		AR	Valve Assembly (Jib Control) Options: (See ACCESSORY VALVE ASSEMBLY for Breakdown)	
	Not Required	0	800A	
	4640921	1	800AJ	
14		AR	Valve Assembly (4WS Control) Options:	
	Not Required	0	2WS	
	4640922	1	4WS (See ACCESSORY VALVE ASSEMBLY for Breakdown)	
15	Not Used			
16	4641453	1	Main Control Valve Assembly (See MAIN CONTROL VALVE ASSEMBLY for Breakdown)	
17		1	Combination Valve Assembly (Brake & 2 Speed)	
	4641317	1	Valve Assembly	
	7012944	2	Coil	
	7012941	2	Cartridge without Coil	
	7010543	2	Seal Kit - 7012941 Cartridge (1 Per Cartridge)	
18	4711400	21	Flatwasher 1/4in Narrow	
19	4711600	3	Flatwasher 3/8in Narrow	
20	0140001	1	Horn	
21	0641408	1	Bolt 1/4in-20NC x 1in	
22		AR	Harness Assembly (Jib Control) Options (Not Shown - See Section 7 for Breakdown):	
	Not Required	0	800A	
	4921927	1	800AJ	

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FIGURE 2-1. CONTROL VALVES & HORN INSTALLATIONS (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
23		AR	Harness Assembly (4WS Control) Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	D A
	Not Required	0	2WS	
	4921928	1	4WS	
		Ref	AUXILIARY PUMP INSTALLATIONS	
	0258670	Ref	Original Equipment	
	1001143190	Ref	Service Replacement	
		Ref	Note: Original Equipment pump p/n 3600458 may have been replaced with p/n 1001137460 as a Service Replacement. Identify component before ordering parts.	
101		1	Auxiliary Pump Assembly Options (See AUXILIARY PUMP ASSEMBLY for Breakdown):	
	Use 1001137460	1	Hallex Brand (Original Equipment) (was p/n 3600458)	
	1001137460	1	Bucher Brand (Service Replacement)	
102	0902415	1	Bracket, Pump Mounting	
103	0641610	3	Bolt 3/8in-16NC x 1-1/4in	
104	4751600	3	Flatwasher 3/8in	
105	0641506	4	Bolt 5/16in-18NC x 3/4in	
106	4711500	4	Flatwasher 5/16in Narrow	
107	0100011	AR	Compound, Locking	

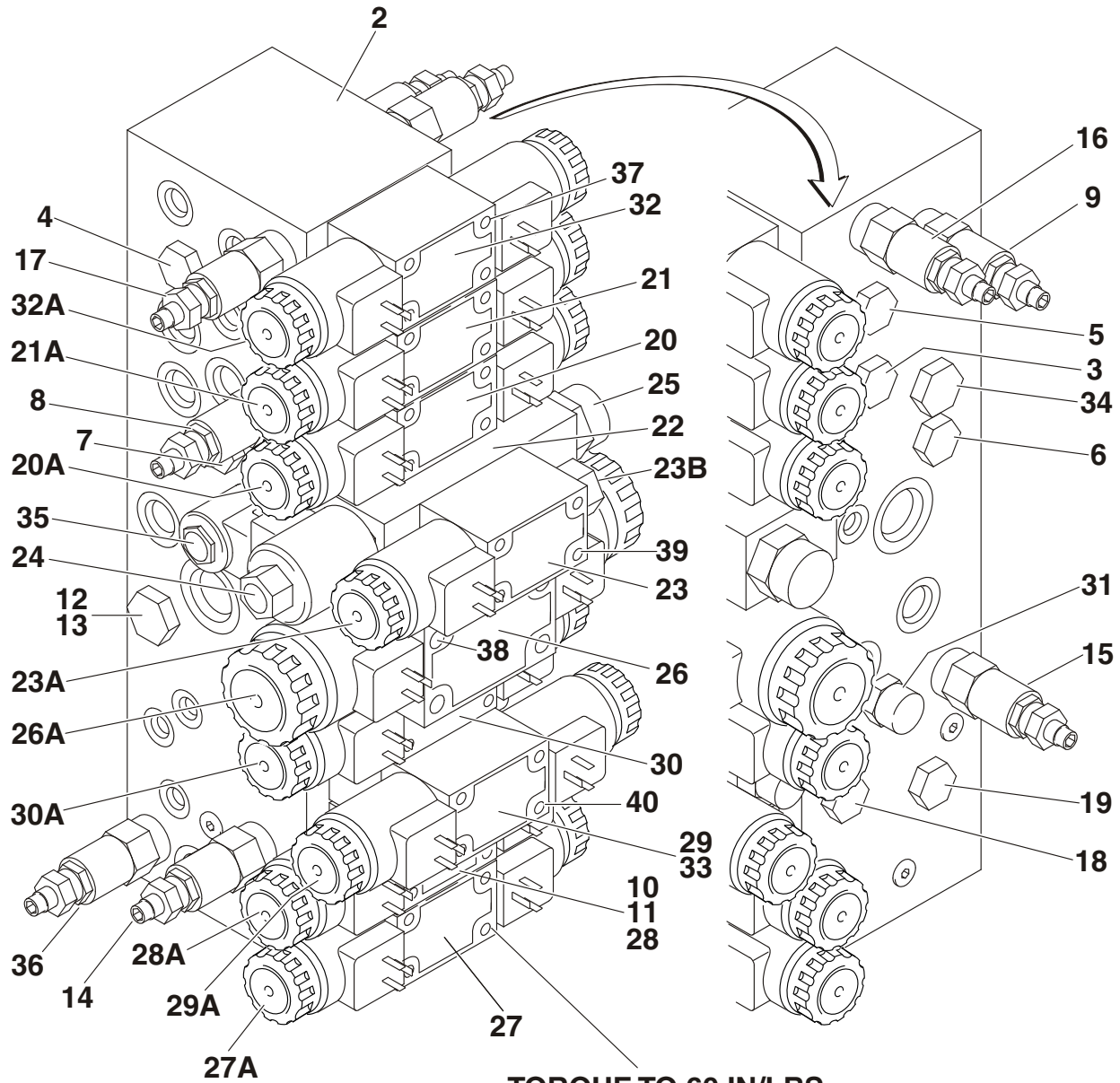
	2901207	1	Band Kit, Auxiliary Power Motor (UL Machines Only)	

FIGURE 2-1. CONTROL VALVES & HORN INSTALLATIONS (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY



SECTION 2 TURNTABLE

FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	4641453	Ref	MAIN CONTROL VALVE ASSEMBLY	B
1	Not Used			
2	See Note	1	Block (Note: Not Available - Purchase Complete Assy.)	
3	7010542	1	Cartridge, Load Sensing (Main Lift)	
	7010543	1	Seal Kit - 7010542 Cartridge	
4	7010542	1	Cartridge, Load Sensing	
	7010543	1	Seal Kit - 7010542 Cartridge	
5	7010542	1	Cartridge, Load Sensing (Swing)	
	7010543	1	Seal Kit - 7010542 Cartridge	
6	7010542	1	Cartridge, Load Sensing	
	7010543	1	Seal Kit - 7010542 Cartridge	
7	7010542	1	Cartridge, Load Sensing (Main)	
	7010543	1	Seal Kit - 7010542 Cartridge	
8	7017420	1	Cartridge, Relief Valve (Main Lift)	
	7012998	1	Seal Kit - 7017420 Cartridge	
9	7017423	1	Cartridge, Relief Valve (Swing)	
	7012998	1	Seal Kit - 7017420 Cartridge	
10	7018941	1	Orifice	
11	7018941	1	Orifice	
12	4641192	1	Cartridge, Check Valve (Tower Lift)	
	2900708	1	Seal Kit - 4641192 Cartridge	
13	7021602	1	Piston, Pilot	
14	7017428	1	Cartridge, Relief Valve (Platform Level Down)	
	7012998	1	Seal Kit - 7017428 Cartridge	
15	7017427	1	Cartridge, Relief Valve (Platform Level Up)	
	7012998	1	Seal Kit - 7017427 Cartridge	
16	7017428	1	Cartridge, Relief Valve (Front Steer)	
	7012998	1	Seal Kit - 7017428 Cartridge	
17	7017428	1	Cartridge, Relief Valve (Front Steer)	
	7012998	1	Seal Kit - 7017428 Cartridge	
18	7012914	1	Cartridge, Pilot Check (Platform Level)	
	7012918	1	Seal Kit - 7012914 Cartridge	
19	7012914	1	Cartridge, Pilot Check (Platform Level)	
	7012918	1	Seal Kit - 7012914 Cartridge	
20	7018992	1	Control Valve Assembly (Main Lift)	
	7012773	1	Seal Kit - 7018992 Valve	
20A	7018991	2	Coil	
	7018912	2	Nut	
21	7012775	1	Control Valve Assembly (Swing)	
	7012773	1	Seal Kit - 7012775 Valve	
21A	7012772	2	Coil	
	7018912	2	Nut	
22	70002946	1	Flow Control Manifold Assembly (Main) (Includes Items 24 & 25)	
23	7018994	1	Control Valve Assembly (Main)	
	7012773	1	Seal Kit - 7018994 Valve	
23A	7012772	1	Coil	
	7018912	1	Nut	
23B	7018993	1	Plug	

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FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY (CONTINUED)

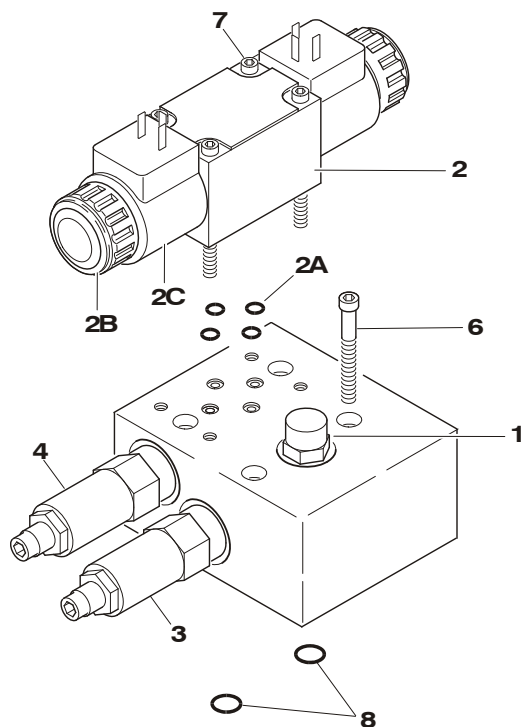
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
24	7017475	1	Cartridge without Coil	
	7010545	1	Seal Kit - 7017475 Cartridge	
	7000645	1	Coil	
25	7021601	1	Cartridge, Flow Regulator (Main)	
	7017477	1	Seal Kit - 7021601 Cartridge	
26	70000579	1	Control Valve Assembly (Main Tele)	
	70000583	1	Seal Kit	
26A	70000582	1	Coil	
	70000580	1	Nut, Coil	
27	Use 70001976	1	Control Valve Assembly (Tower Tele) (was p/n 7012770)	
	7012773	1	Seal Kit - 7012770 Valve	
27A	7012772	2	Coil	
	7018912	2	Nut	
28	Use 70001976	1	Control Valve Assembly (Platform Level)	
	7012773	1	Seal Kit - 7012770 Valve	
28A	7012772	2	Coil	
	7018912	2	Nut	
29	Use 70001976	1	Control Valve Assembly (Platform Rotate) (was p/n 7012770)	
	7012773	1	Seal Kit - 7012770 Valve	
29A	7012772	2	Coil	
	7018912	2	Nut	
30	Use 70001976	1	Control Valve Assembly (Tower Lift) (was p/n 7012770)	
	7012773	1	Seal Kit - 7012770 Valve	
30A	7012772	2	Coil	
	7018912	2	Nut	
31	7012989	1	Cartridge, Flow Regulator (Platform Rotate)	
	7012953	1	Seal Kit - 7012989 Cartridge	
32	7012774	1	Control Valve Assembly (Front Steer)	
	7012773	1	Seal Kit - 7012774 Valve	
32A	7012772	2	Coil	
	7018912	2	Nut	
33	7021310	AR	Valve, Sandwich (Platform Rotate)	
	7018945	2	O-Rings, Replacement - 7021310 Valve	
34	7017478	1	Cartridge, Check Valve (Main Pressure)	
	7017477	1	Seal Kit - 7017478 Cartridge	
35	7012941	1	Cartridge without Coil (Main Dump)	
	7010543	1	Seal Kit - 7017452 Cartridge	
	7012944	1	Coil	
36	7017428	1	Cartridge, Relief Valve (Tower Tele)	
	7012998	1	Seal Kit - 7017428 Cartridge	
37	7018942	28	Capscrew #10-24NC x 2in	
38	7018951	4	Capscrew 1/4in-20NC x 1-1/2in	
39	7021311	4	Capscrew #10-24NC x 4-1/2in	
40	3931048	4	Capscrew #10-24NC x 3in	

FIGURE 2-2. MAIN CONTROL VALVE ASSEMBLY (CONTINUED)

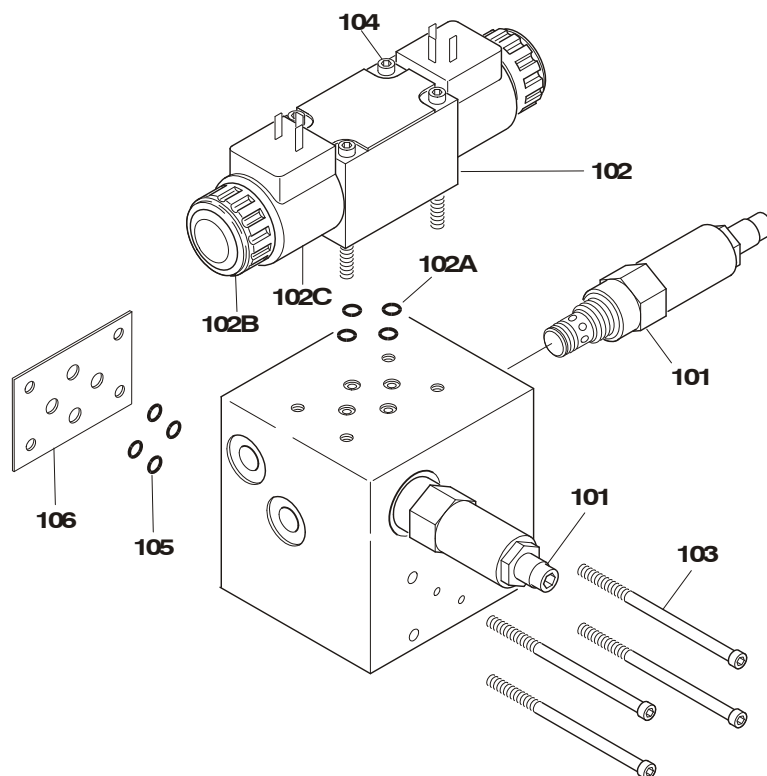
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-3. ACCESSORY VALVE ASSEMBLY



**NOTE: TORQUE ITEMS 6, 7, 103 & 104
TO 60 IN/LBS.**



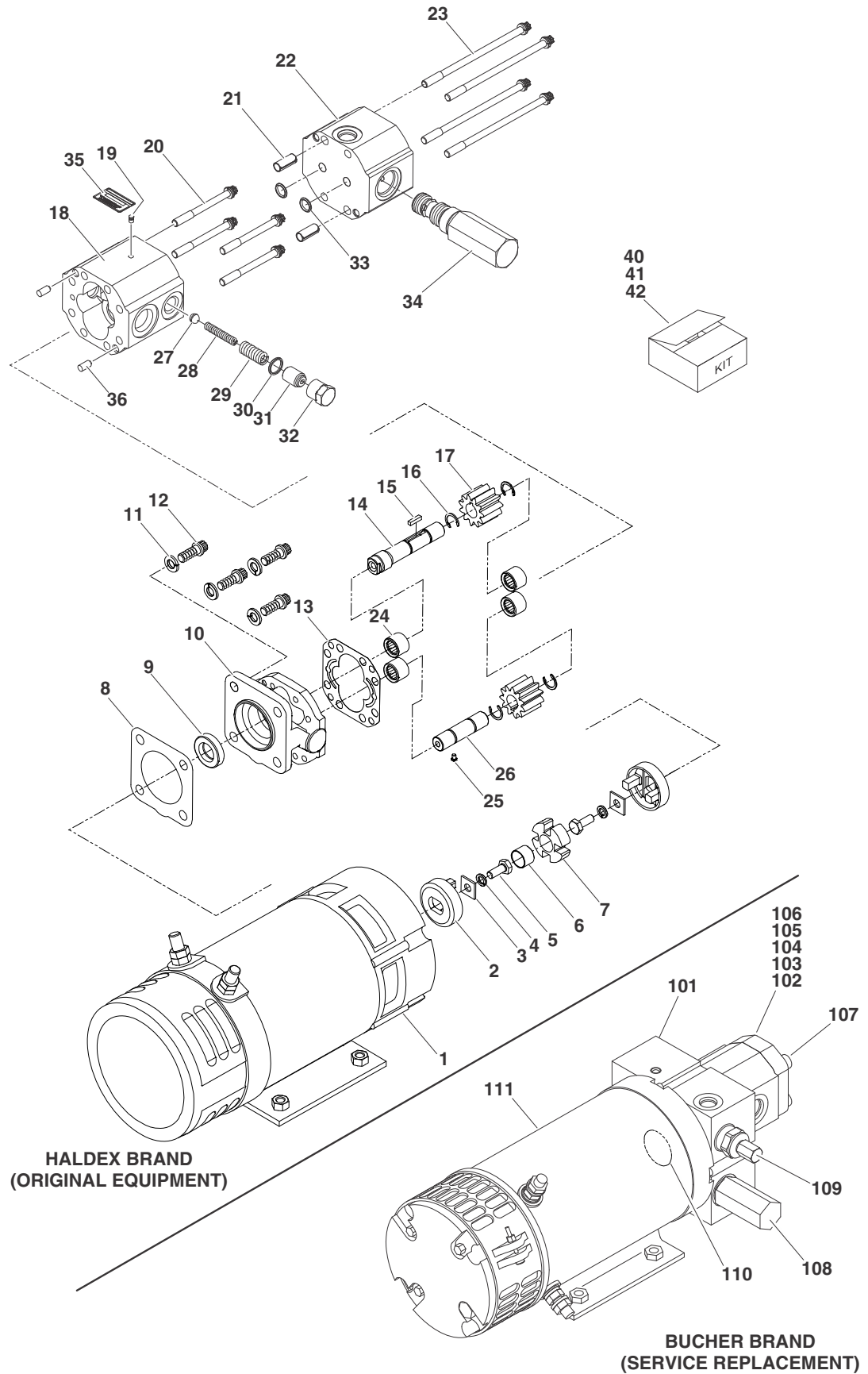
SECTION 2 TURNTABLE

FIGURE 2-3. ACCESSORY VALVE ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	ACCESSORY VALVE ASSEMBLIES	
	4640921	Ref	ARTICULATING JIB VALVE ASSEMBLY	D
1	7012965	1	Cartridge, Flow Control	
	7012953	1	Seal Kit - 7012965 Cartridge	
2	Use 70001976	1	Directional Control Valve Assembly (was p/n 7012770)	
	7012773	1	Seal Kit	
2A	7018945	4	O-Ring	
2B	7018912	2	Nut	
2C	7012772	2	Coil	
3	7017421	1	Cartridge, Relief	
	7012998	1	Seal Kit - 7017421 Cartridge	
4	7017422	1	Cartridge, Relief	
	7012998	1	Seal Kit - 7017422 Cartridge	
5	4460499	2	Connector, DIN with Diode (Not Shown - Part of Valve Harness)	
6	7012777	4	Capscrew, Socket Head 5/16in-18NC x 2-1/4in (Used to Mount Valve Assembly)	
7	7018942	4	Capscrew, Socket Head #10-24NC x 2in	
8	7012776	2	O-Ring (Used to Mount Main Valve)	
	4640922	Ref	4WS VALVE ASSEMBLY	B
101	7017420	1	Cartridge, Relief	
	7012998	1	Seal Kit - 7017420 Cartridge	
102	7012774	1	Directional Control Valve Assembly	
	7012773	1	Seal Kit	
102A	7018945	4	R-Ring	
102B	7018912	2	Nut	
102C	7012772	2	Coil	
103	7018946	4	Capscrew, Socket Head #10-24NC x 5in (Used to Mount Main Valve)	
104	7018942	4	Capscrew, Socket Head #10-24NC x 2in	
105	7018948	4	O-Ring (Used to Mount Main Valve)	
106	7018947	1	Plate, O-Ring	

SECTION 2 TURNTABLE

FIGURE 2-4. AUXILIARY PUMP ASSEMBLY



SECTION 2 TURNTABLE

FIGURE 2-4. AUXILIARY PUMP ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	3600458	Ref	AUXILIARY PUMP ASSEMBLY (HALDEX BRAND) (ORIGINAL EQUIPMENT)	C
1	70001059	1	Motor, DC	
2	See Note	2	Coupling, Half (Note: Use Items 41 & 42.)	
3	See Note	2	Washer (Note: Use Items 41 & 42.)	
4	See Note	2	Lockwasher (Note: Use Items 41 & 42.)	
5	See Note	2	Screw (Note: Use Items 41 & 42.)	
6	See Note	1	Bushing (Note: Use Items 41 & 42.)	
7	See Note	1	Spider (Note: Use Items 41 & 42.)	
8	7011044	1	Gasket, Mounting	
9	7010903	1	Seal, Shaft	
10	See Note	1	Stator (Note: Not Available - Purchase Complete Assy.)	
11	7011048	4	Washer	
12	70001060	4	Screw	
13	70001061	1	Kit Gasket	
14	70001062	1	Shaft, Drive	
15	70001063	1	Key	
16	70000970	4	Ring, Retaining	
17	70001064	2	Gear	
18	See Note	1	Housing, Gear (Note: Not Available - Purchase Complete Assy.)	
19	See Note	1	Plug (Note: Not Available - Purchase Locally.)	
20	See Note	4	Screw (Note: Not Available for Purchase.)	
21	See Note	2	Bushing, Dowel (Note: Not Available for Purchase.)	
22	See Note	1	Block, Valve (Note: Not Available - Purchase Complete Assy.)	
23	7011043	4	Screw	
24	70000976	4	Bearing, Needle	
25	70001065	1	Pin	
26	70001066	1	Shaft, Idler	
27	See Note	1	Ball (Note: Not Available for Purchase.)	
28	See Note	1	Spring (Note: Not Available for Purchase.)	
29	7011008	1	Spring	
30	Use 70001069	1	Gasket	
31	See Note	1	Screw Adjustment (Note: Not Available for Purchase.)	
32	See Note	1	Bolt (Note: Not Available for Purchase.)	
33	7011022	2	O-Ring	
34	70001067	1	Valve, Logic	
35	See Note	1	Label (Note: Not Available for Purchase.)	
36	See Note	2	Pin, Shear (Note: Not Available for Purchase.)	
37 to 39	Not Used			
40	70001069	1	Seal Kit, Pump (Includes Items 8, 9, 30 & 33)	
41	70001068	1	Motor & Coupling Kit, Replacement (Includes Items 1-8, 11 & 12)	
42	7010944	1	Coupling Kit (Includes Items 2-7)	

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FIGURE 2-4. AUXILIARY PUMP ASSEMBLY (CONTINUED)

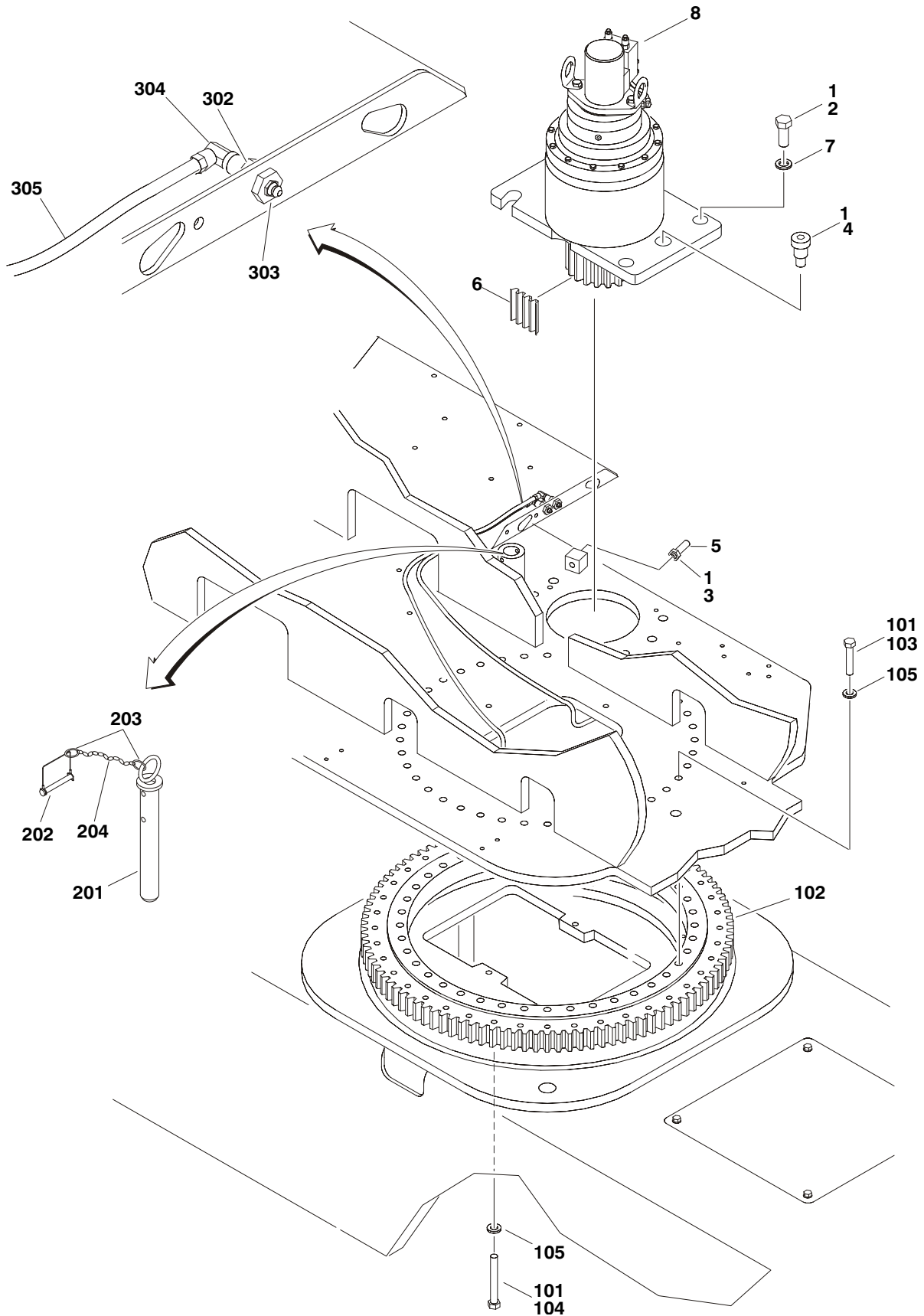
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001137460	Ref	AUXILIARY PUMP ASSEMBLY (BUCHER BRAND) (SERVICE REPLACEMENT)	A
101	70004125	1	Base Assembly	
	70003993	1	Seal, Shaft	
102	70004125	4	Pin, Dowel	
103	70004125	1	O-Ring	
104	70004125	1	Pump	
105	70004125	1	O-Ring	
106	70004125	1	Cover, Rear	
107	70004125	4	Screw	
108	70003989	1	Valve, Logic	
109	70004125	1	Valve, Relief	
110	70004125	1	Shaft, Intermediate	
111	70003992	1	Motor	

FIGURE 2-4. AUXILIARY PUMP ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-5. TURNTABLE BEARING AND SWING DRIVE INSTALLATION



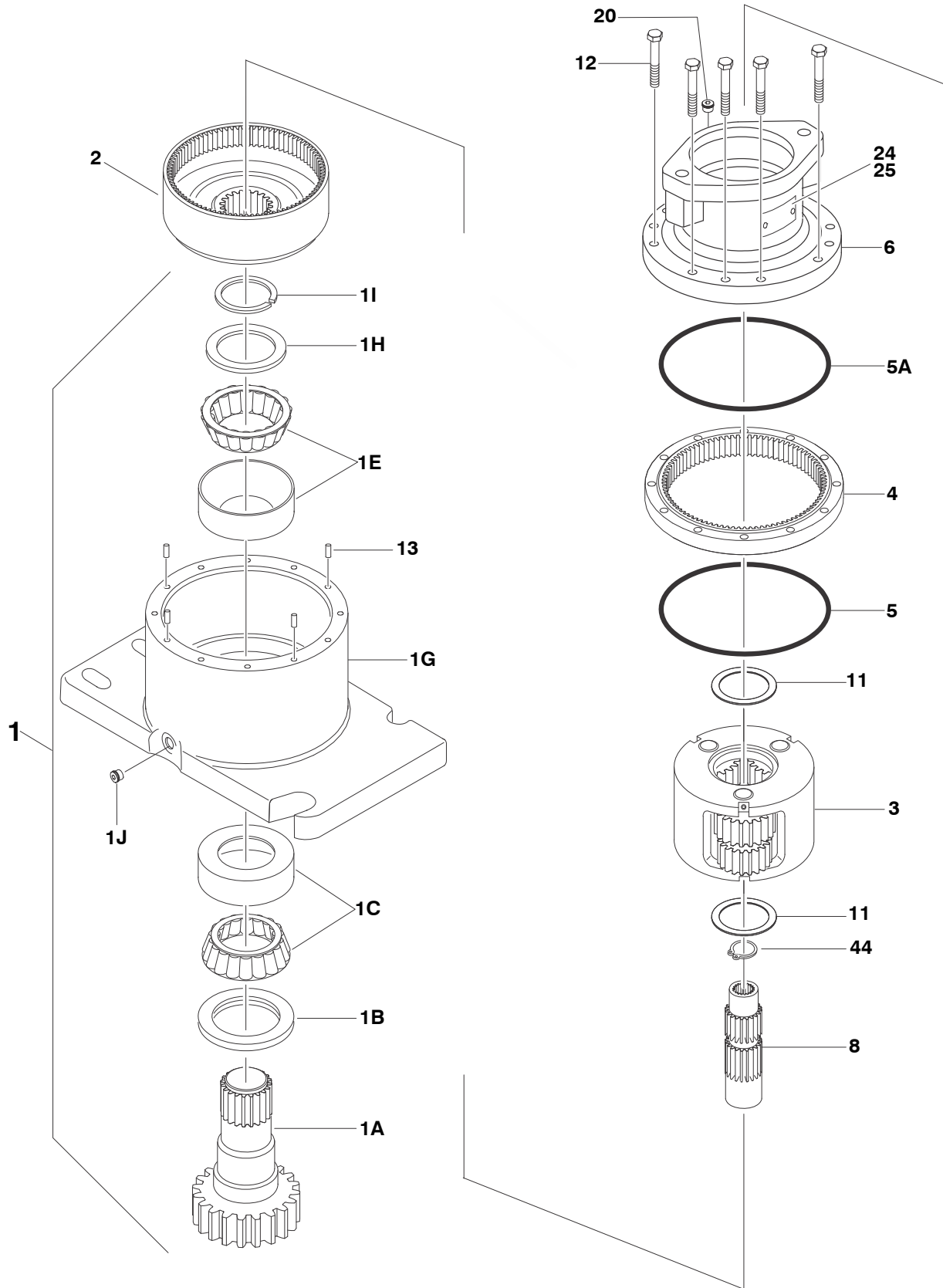
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FIGURE 2-5. TURNTABLE BEARING AND SWING DRIVE INSTALLATION

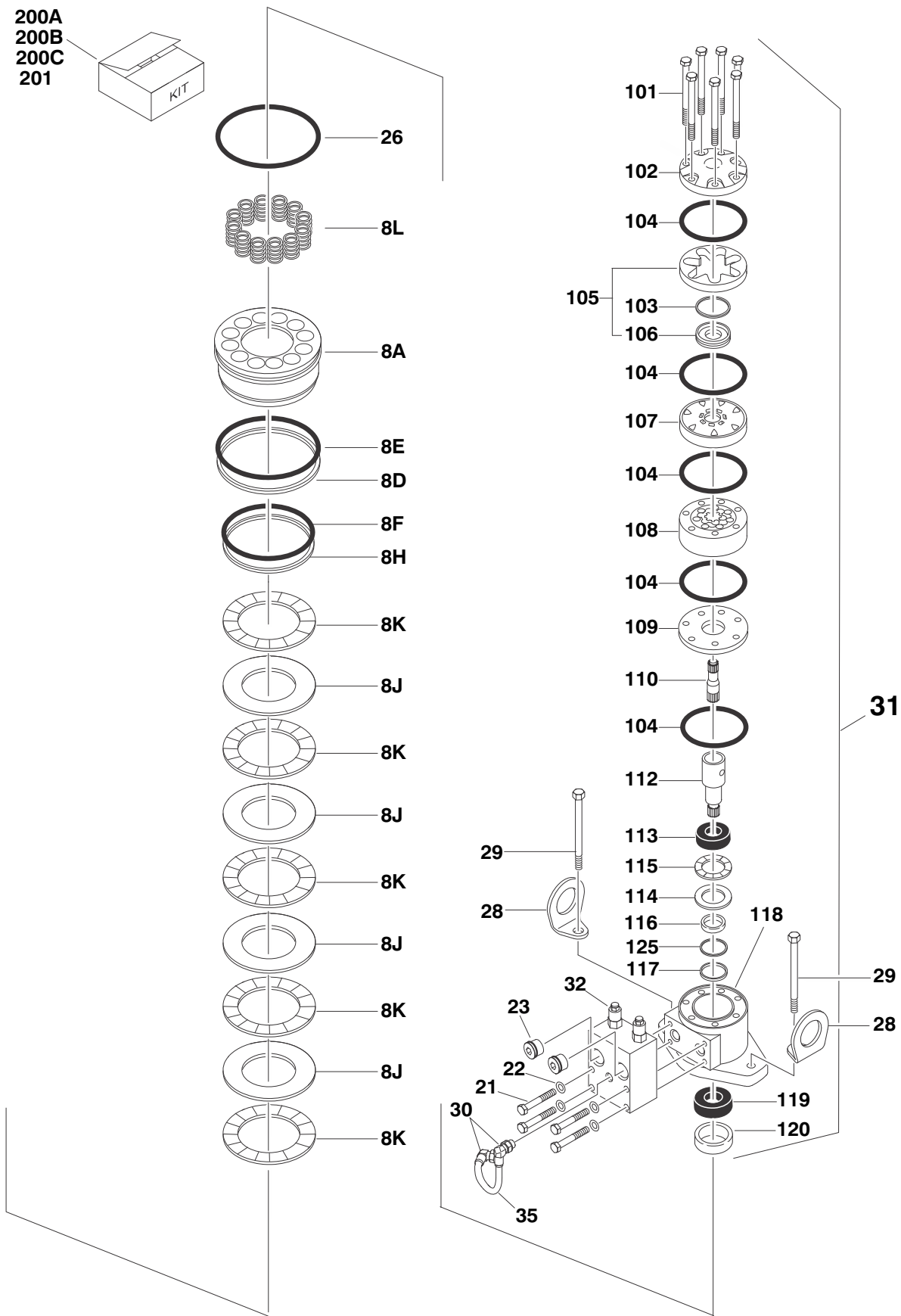
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	TURNTABLE WELDMENT	
	4620135	Ref	Standard Machines	
	1001094889	Ref	SWING DRIVE INSTALLATION	B
1	0100019	AR	Compound, Locking	
2	0682216	4	Bolt 3/4in -10NC x 2in (Grade 8)	
3	3312002	1	Nut Jam 5/8in - 11NC	
4	3900293	1	Screw, Shoulder	
5	3952020	1	Setscrew 5/8in x 2in	
6	4071009	1	Shim	
7	4740057	4	Hardened, Washer	
8	1001101060	1	Motor, Swing Assembly (See SWING MOTOR/HUB ASSEMBLY for Breakdown)	
	0271002	Ref	SWING BEARING INSTALLATION	E
101	0100019	AR	Compound, Locking	
102	0440244	1	Bearing, Turntable	
103	0682023	24	Bolt 5/8in -11NC x 2-7/8in (Grade 8)	
104	0682032	24	Bolt 5/8in-11NC x 4in (Grade 8)	
105	4892000	48	Flatwasher, Hardened	
	0259147	Ref	TURNTABLE LOCK INSTALLATION	B
201	4844958	1	Weldment, Pin	
202	3421565	1	Pin, Snap	
203	3760170	2	Ring, Quick Release	
204	1260017	9in/23cm	Chain	
	0255316	Ref	REMOTE BEARING LUBE INSTALLATION	3
301	Not Used			
302	2180344	1	Fitting, Bulkhead	
303	2160003	1	Fitting, Grease Elbow	
304	2220063	1	Fitting, Elbow	
305	2751032	1	Hose, Grease	

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FIGURE 2-6. SWING MOTOR/HUB ASSEMBLY



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FIGURE 2-6. SWING MOTOR/HUB ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001101060	Ref	SWING MOTOR/HUB ASSEMBLY	A
1	See Note	1	Housing/Shaft Assembly (Note: Not Available - Purchase Individual Components.)	
1A	7010492	1	Shaft, Output	
1B	7000228	1	Seal, Lip	
1C	7000255	1	Bearing Kit (Includes Cup & Cone)	
1D	Not Used			
1E	7000257	1	Bearing Kit (Includes Cup & Cone)	
1F	Not Used			
1G	7024762	1	Housing	
1H	7007633	1	Washer, Thrust	
1I	7000229	1	Ring, Retaining	
1J	7017072	1	Plug, Pipe	
2	7000246	1	Gear, Internal	
3	80424002	1	Carrier Assembly	
4	7000248	1	Gear, Ring	
5	7000230	1	O-Ring	
5A	7017070	1	O-Ring	
6	Use 1001101060	1	Housing, Brake (Note: Not Available - Purchase Complete Assy.)	
7	Not Used			
8	70002065	1	Gear, Sun	
8A	70000782	1	Piston	
8B to 8C	Not Used			
8D	70002070	1	O-Ring	
8E	70002071	1	Ring, Back-up	
8F	70002073	1	O-Ring	
8G	Not Used			
8H	70002072	1	Ring, Back-up	
8I	Not Used			
8J	70002067	4	Disc, Rotor	
8K	70002068	5	Disc, Stator	
8L	70002066	14	Spring	
9 to 10	Not Used			
11	7000253	2	Washer, Thrust	
12	7000217	12	Bolt 3/8in-16NC x 2-1/4in (Grade 8)	
13	7017080	4	Pin, Dowel	
14 to 19	Not Used			
20	7017072	1	Plug, Pipe	
21	7024704	4	Bolt 5/16in-18NC x 2in (Grade 8)	
22	See Note	4	Lockwasher (Note: Not Available for Purchase.)	
23	7017023	2	Plug, Pipe	
24	See Note	1	Plate, ID (Note: Not Available for Purchase.)	
25	7000281	2	Screw, Drive	
26	7024763	1	O-Ring	
27	Not Used			
28	See Note	2	Lug, Lifting (Note: Not Available for Purchase.)	
29	70002069	2	Bolt 1/2in-13NC x 2in (Grade 8)	

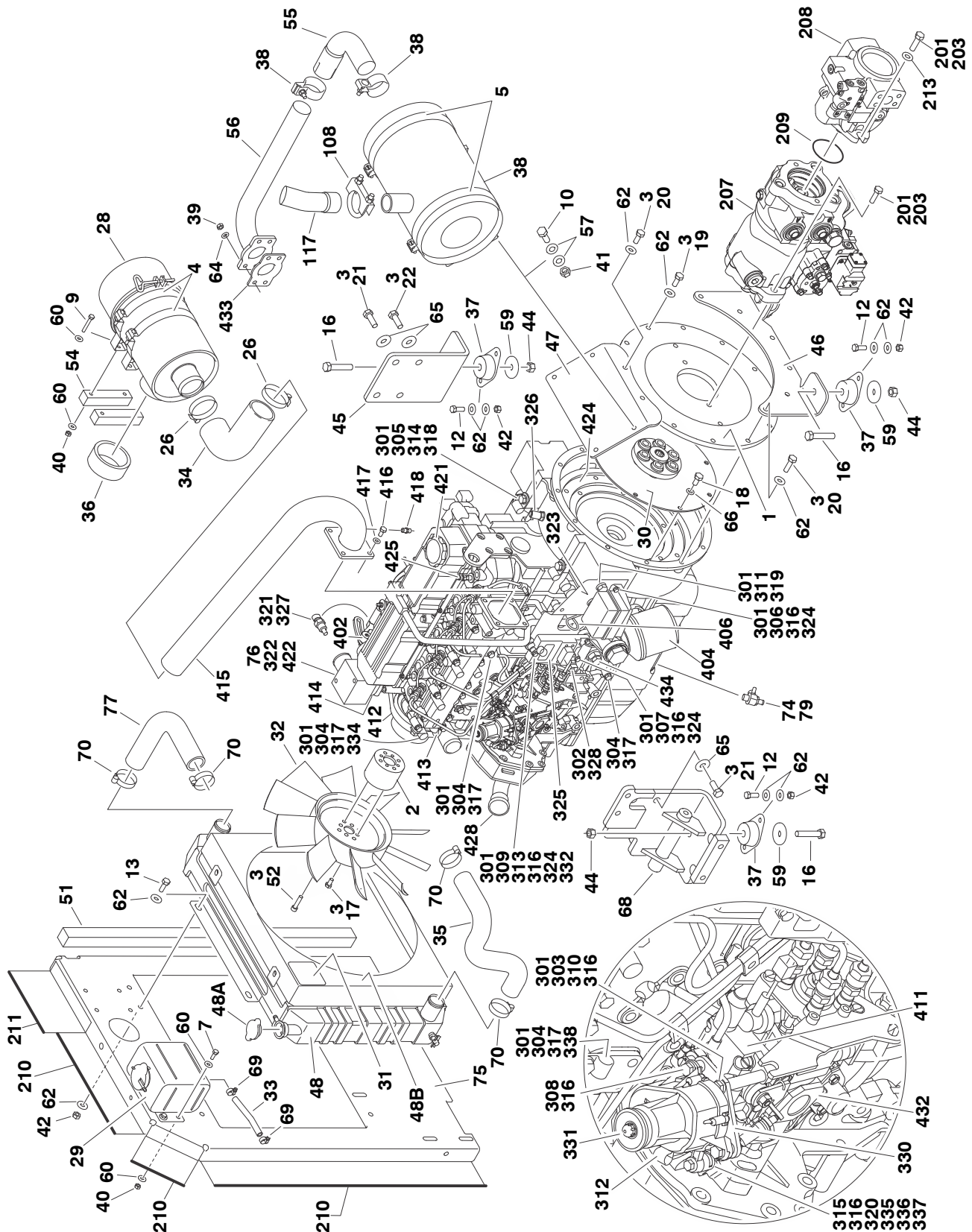
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FIGURE 2-6. SWING MOTOR/HUB ASSEMBLY (CONTINUED)

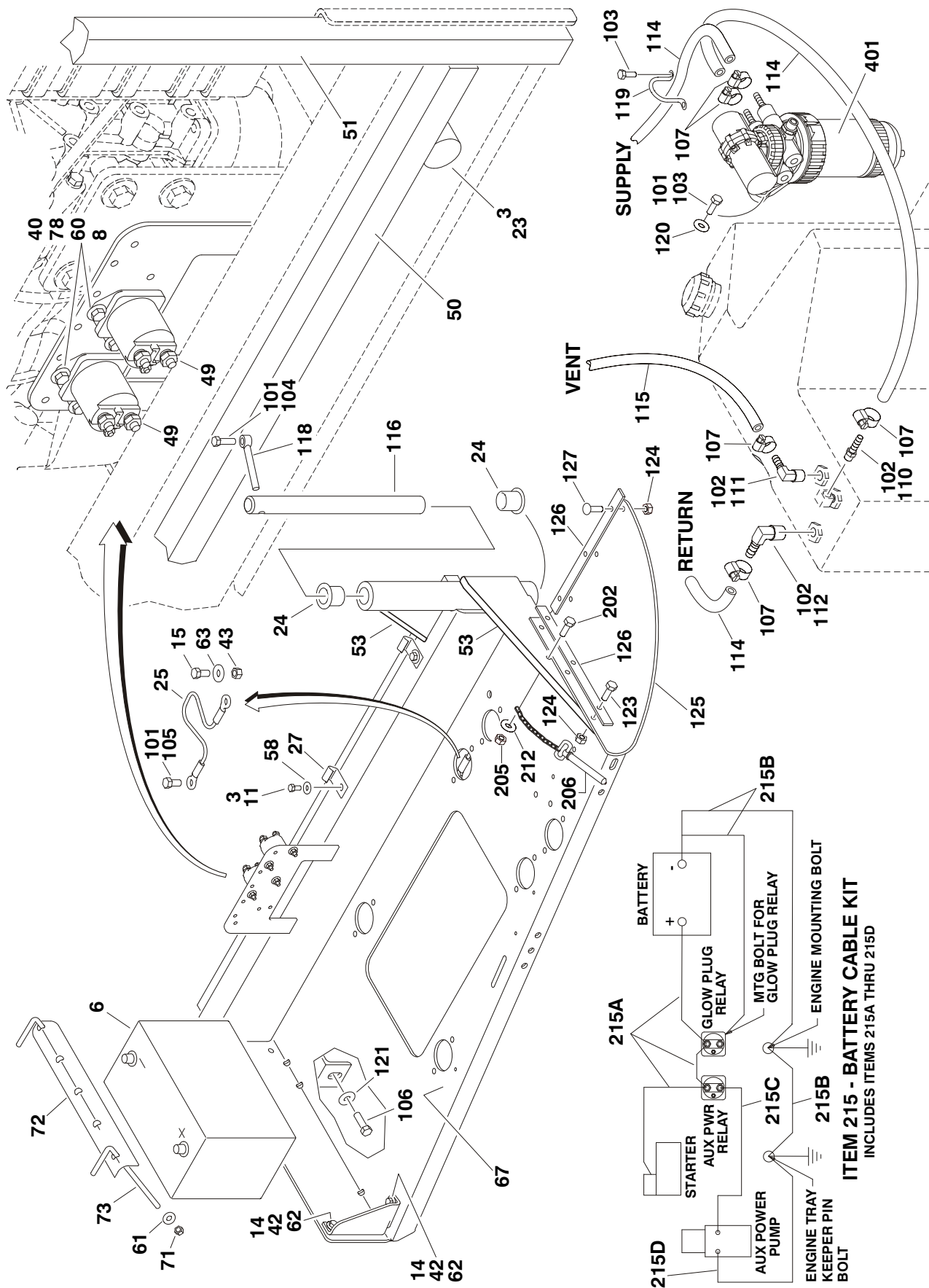
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
30	7017085	2	Elbow	
31	70002075	1	Motor Assembly (See Items 101-125 for Breakdown)	
32	7024784	1	Valve Assembly - Complete (No Serviceable Parts)	
33 to 34	Not Used			
35	70002074	1	Tube	
36 to 43	Not Used			
44	7017028	1	Ring, Internal Retaining	
	70002075	Ref	MOTOR ASSEMBLY	
101	7024454	5	Bolt	
102	7004035	1	Cover, End	
103	7023318	1	Seal, Commutator	
104	7004036	5	Seal, Ring	
105	7024453	1	Commutator and Ring Assembly	
106	Use 7024453	1	Ring	
107	7024379	1	Manifold	
108	7024455	1	Rotor Set	
109	7024380	1	Plate, Wear	
110	7024456	1	Link, Drive	
111	Not Used			
112	7024458	1	Shaft, Coupling	
113	7024381	1	Bearing, Inner	
114	7004043	1	Washer, Thrust	
115	7004044	1	Bearing, Thrust	
116	7004049	1	Seal, Inner	
117	7004045	1	Washer, Back-up	
118	7024457	1	Housing	
119	7024390	1	Bearing, Outer	
120	7004047	1	Seal	
121 to 124	Not Used			
125	80424043	1	Washer, Back-up	
		Ref	KIT OPTIONS:	
200		1	Seal Kit Options:	
200A	7024100		Swing Hub (Includes Items 1B, 1I, 5, 5A & 11)	
200B	70002086		Swing Brake (Includes Items 8D, 8E, 8F, 8H & 26)	
200C	7024396		Swing Motor (Includes Items 103, 104, 116, 117, 120 & 125)	
201	70002085	1	Disc Kit - Swing Brake (Includes Items 8J & 8K)	

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FIGURE 2-7. CATERPILLAR ENGINE INSTALLATION



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FIGURE 2-7. CATERPILLAR ENGINE INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001109065	Ref	CATERPILLAR TIER IVi ENGINE ASSEMBLY	D
1	0080181	1	Adapter, Pump Mounting Plate	
2	0080243	1	Adapter, Fan Spacer	
3	0100011	AR	Compound, Locking	
4	0340041	2	Band, Mounting	
5	0340046	2	Band, Muffler	
6	0400075	1	Battery	
7	0641406	4	Bolt 1/4in-20NC x 3/4in	
8	0641407	4	Bolt 1/4in-20NC x 7/8in	
9	0701414	4	Bolt 1/4in-20NC x 3/4in	
10	0641507	4	Bolt 5/16in-18NC x 7/8in	
11	0641606	2	Bolt 3/8in-16NC x 3/4in	
12	0641608	8	Bolt 3/8in-16NC x 1in	
13	0641609	4	Bolt 3/8in-16NC x 1-1/8in	
14	0641610	4	Bolt 3/8in-16NC x 1-1/4in	
15	0641808	1	Bolt 1/2in-13NC x 1in	
16	0641820	4	Bolt 1/2in-13NC x 2-1/2in	
17	0700808	4	Bolt M8 x 16mm	
18	0701010	8	Bolt M10 x 20mm	
19	0701012	4	Bolt M10 x 25mm	
20	0701015	8	Bolt M10 x 35mm	
21	0711214	5	Bolt M12 x 30mm	
22	0771212	3	Bolt M12 x 25mm	
23	0940070	1	Bumper, Rubber	
24	0961986	2	Bearing, Flange	
25	1060637	1	Lanyard	
26	1320016	2	Clamp, Hose	
27	1320223	4	Clamp	
28	1340060	1	Air Cleaner Assembly	
	7012664	1	Element, Air Cleaner	
29	1580011	1	Container, Coolant Overflow	
30	1660239	1	Coupling, Pump	
31	1703162	2	Decal - Fan Blade	
32	2060025	1	Fan	
33	2720058	.33ft	Hose	
34	2720434	1	Elbow, Rubber	
35	2720509	1	Hose, Radiator (Bottom)	
36	2720515	1	Seal, Air Cleaner	
37	3200406	4	Mount, Engine	
38		1	Muffler Options:	
	3220113		Muffler, Spark Arresting (Standard)	
	70001017	1	Clamp (Used on p/n 3220113)	
	1001107116		Muffler, Catalytic (Optional)	
	70002705	1	Clamp	
	70002706	1	Plug	
39	3290801	4	Nut M8	
40	3311405	12	Locknut 1/4in-20NC	
41	3311505	4	Locknut 5/16in-18NC	

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FIGURE 2-7. CATERPILLAR ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
42	3311605	16	Locknut 3/8in-16NC	
43	3311801	1	Nut 1/2in-13NC	
44	3311805	4	Locknut 1/2in-13NC	
45	3574206	1	Plate, Motor Mount	
46	3574207	1	Plate, Engine Mount (Rear)	
47	3574208	1	Bracket, Muffler	
48	3620047	1	Radiator	
48A	7027412	1	Cap, Radiator	
48B	70004182	1	Shroud, Fan	
49	3740067	2	Relay, Solenoid Assembly	
50	3960468	1	Seal, Foam Gasket	
51	3960469	1	Seal, Foam Gasket	
52	4031911	4	Bolt M8 x 35mm	
53	4060805	2ft/0.7mm	Flex-Trim 1/4in	
54	4220191	2	Block, Spacer	
55	4567073	1	Tube, Exhaust	
56	4568721	1	Exhaust Tube Weldment	
57	4711500	8	Flatwasher 5/16in (Narrow)	
58	4711600	2	Flatwasher 3/8in Narrow	
59	4740274	4	Washer, Snubbing	
60	4751400	24	Flatwasher 1/4in	
61	4751500	2	Flatwasher 5/16in	
62	4751600	44	Flatwasher 3/8in	
63	4751800	1	Flatwasher 1/2in	
64	4811900	4	Flatwasher 8mm	
65	4812100	8	Flatwasher 12mm	
66	4832000	8	Lockwasher 10mm	
67	4846790	1	Tray Engine	
68	4846805	1	Mount, Engine/Generator - Left	
69	8405009	2	Clamp, Hose	
70	8405104	4	Clamp, Hose	
71	88521205	2	Locknut 5/16in-18NC	
72	91401281	1	Hold-Down, Battery	
73	1001093382	2	Rod, Hold-Down	
74	4640750	1	Valve, Oil Drain (was p/n 1001105833)	
75	1001109595	1	Plate, Radiator Mounting	
76	1001112077	1	Caterpillar Tier IVi Engine Assembly	
77	1001107705	1	Hose, Radiator (Top)	
78	4791400	4	Starwasher 1/4in	
79	0100020	AR	Sealant, Thread	
		Ref	CATERPILLAR TIER IVi ENGINE INSTALLATIONS	
	1001110215	Ref	Without Arctic Package	D
	1001110214	Ref	With Arctic Package	C
101	0100011	AR	Compound, Locking	
102	0100020	AR	Sealant, Thread	
103	0641608	8	Bolt 3/8in-16NC x 1in	
104	0641610	1	Bolt 3/8in-16NC x 1-1/4in	

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FIGURE 2-7. CATERPILLAR ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
105	0641808	1	Bolt 1/2in-13NC x 1in	
106	0642010	1	Bolt 5/8in-11NC x 1-1/4in	
107	1320022	7	Clamp, Hose	
108	1320176	1	Clamp, Saddle	
109	1701505	1	Decal - Diesel (Not Shown - Located on Hood)	
110	2180348	1	Fitting	
111	2220313	1	Fitting, Elbow	
112	2221176	1	Fitting	
113		2.6gal.	Fluid, Anti-Freeze Options (Not Shown):	
	2300004		Machines without Arctic Package	
	2300041		Machines with Arctic Package	
114	2720058	30ft/9.1m	Hose	
115	2750532	6ft./1.8m	Hose 3/8in	
116	3422446	1	Pin, Pivot	
117	3460544	1	Pipe, Exhaust	
118	3841143	1	Keeper, Pin	
119	3841340	1	Loop, Hose	
120	4711600	2	Flatwasher 3/8in Narrow	
121	4752000	1	Flatwasher 5/8in	
122	Not Used			
123	0641508	3	Bolt 5/16in-18NC x 1in	
124	3311505	6	Locknut 5/16in-18NC	
125	3380429	1	Panel, Rubber	
126	3539957	2	Plate, Holddown	
127	3900272	3	Screw 5/16in-18NC x 1-3/4in	
128 to 149	Not Used			
		Ref	Note: Arctic Package Items 150 - 153 Not Shown - Used on Arctic Machines Only.	
150	1060625	1	Cable, Immersion Heater	
151	1320223	1	J-Clip 1/2in	
152	1702943	1	Decal - Hydraulic Tank Heater (Located on bottom of Hydraulic Oil Tank)	
153	2580050	1	Heater, Hydraulic Tank	
		Ref	CATERPILLAR TIER IVi ENGINE W/PUMPS ASSEMBLIES	
	1001110207	Ref	Without Arctic Package	B
	1001110204	Ref	With Arctic Package	B
201	0100011	AR	Compound, Locking	
202	0641407	1	Bolt 1/4in-20NC x 7/8in	
203	0641812	4	Bolt 1/2in-18NC x 1-3/4in	
204		2.5gal	Oil, Motor Options (Not Shown):	
	3020016		Oil, Motor 15W-40 (Without Arctic Package)	
	3020044		Oil, Motor 0W-40 (With Arctic Package)	
205	3311405	12	Locknut 1/4in-20NC	
206	3422532	1	Pin, Hitch	
207	3600400	1	Piston Pump Assembly (See PISTON PUMP ASSEMBLY (SAUER DANFOSS) for Breakdown)	

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FIGURE 2-7. CATERPILLAR ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
208	1001095354	1	Load Sensing Pump Assembly with Fittings	B
	2220415	1	Fitting	
	1001094595	1	Pump, Displacement Less Fittings	
	7023967	1	Seal Kit - 1001094595 Pump	
	7023956	1	Valve Assembly Kit - 1001094595 Pump	
209	3790044	1	O-Ring	
210	3960548	44in/1.2m	Seal, Hood	
211	3960549	11in/28cm	Seal, Hood	
212	4751400	1	Flatwasher 1/4in	
213	4891600	2	Flatwasher 3/8in Hardened	
214	Not Used			
215	1001112762	1	Battery Cable Kit	
215A	7027028	1	Cable, Battery (Red)	
215B	7027029	1	Cable, Battery (Black)	
215C	7027030	1	Cable (Red)	
215D	7027031	1	Cable (Black)	
		Ref	Note: Arctic Package Items 216 - 226 Not Shown - Used on Arctic Machines Only	
216	0641608	2	Bolt 3/8in-16NC x 1in	E
217	1060626	1	Cord, 3-Way Extension (Located on Left Front of Engine)	
218	1320223	2	Clamp	
219	1702941	1	Decal - Battery Heater (Located on Battery Heater)	
220	1702942	1	Decal - Engine Block Heater (Located on Right Side of Engine)	
221	1702944	1	Decal - Heater Cord (Located on Left Front of Engine)	
222	2580024	1	Heater, Battery (Located on Battery)	
223	2580055	1	Heater, Block (Located on Left Side of Engine)	
224	3311605	2	Locknut 3/8in-16NC	
225	3980007	1	Seat, Battery (Located Under Battery)	
226	4751600	2	Flatwasher 3/8in Wide	
	1001112077	Ref	CATERPILLAR TIER IVi ENGINE W/ECM ASSEMBLY	
301	0100011	AR	Compound, Locking	
302	0100020	AR	Sealant, Thread	
303	0700620	1	Bolt M6 x 60mm	
304	0700808	5	Bolt M8 x 16mm	
305	0701010	2	Bolt M10 x 20mm	
306	0760606	2	Bolt M6 x 12mm	
307	0760610	2	Bolt M6 x 20mm	
308	4031709	3	Bolt M6 x 25mm	
309	8303541	1	Screw M6 x 35mm	
310	0700616	2	Bolt M6 x 40mm	
311	0761210	2	Bolt M12 x 20mm	
312	8406009	1	Clamp, Cable	
313	1320224	1	Clamp, Cable	
314	8406105	2	Clip, Tube	
315	3290507	1	Locknut M5	
316	4811700	12	Flatwasher 6mm	
317	4811900	5	Flatwasher 8mm	
318	4812000	2	Flatwasher 10mm	

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FIGURE 2-7. CATERPILLAR ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
319	4812100	2	Flatwasher 12mm	B
320	4811600	1	Flatwasher 5mm	
321	1001097553	1	Washer, Coolant Sensor	
322	1001109064	1	Caterpillar Tier IVi Engine Assembly	
323	1001112057	1	Bracket	
324	1001112059	5	Bumper	
325	1001112067	1	Module, ECM	
326	1001112068	1	Sensor, Speed	
327	1001112069	1	Sensor, Temperature	
328	1001112070	1	Switch, Oil Pressure	
329	1001112071	1	Harness, Engine (Not Shown - See ELECTRICAL SECTION for Breakdown)	
330	1001112072	1	Bracket	
331	1001112073	1	Actuator	
	1001112849	1	Linkage Assy	
332	1001112570	1	Spacer	
333	Not Used			
334	1320263	1	Clamp, Cable	
335	1001112075	1	Bolt	
336	1001112592	1	Bearing	
337	1001116595	1	Spacer	
338	8406109	1	Clip, Tube	
	1001109064	Ref	ENGINE COMPONENTS	
401	7026839	1	Pump, Fuel Supply	
	7026830	1	Filter, Fuel	
	70002833	1	Ring, Retaining	
	70002834	1	Bowl, Water Collection	
	70002835	1	Kit, Seal	
402	7026831	1	Alternator	
403	Not Used			
404	7026811	1	Filter, Oil	
	7026812	1	Seal, Oil Filter Head Bolt	
	7026813	1	Seal, Oil Filter Head (Between Oil Filter Head & Engine Block)	
405	7026833	1	Starter (Not Shown - Located on other side of engine)	
406	70002844	1	Dipstick Oil Level	
	70002843	1	Seal, Guide Tube	
407 to 410	Not Used			
411	See Note	1	Pump, Fuel Supply (Note: Not Available for Purchase.)	
412	7026810	1	Belt	
413	70001120	1	Pump, Water	
	70001742	1	Pulley, Water Pump	
414	7026822	1	Thermostat	
	7026820	1	Gasket, Thermostat Housing (Between Housing & Head)	
	7026821	1	Gasket, Coolant (Between Housing & Cover)	
	70002765	1	Hose, Bypass	
415	4569371	1	Tube, Air Intake Weldment	
416	See Note	4	Bolt M8 x 16mm (Note: Not Available for Purchase.)	
417	See Note	4	Flatwasher M8 (Note: Not Available for Purchase.)	

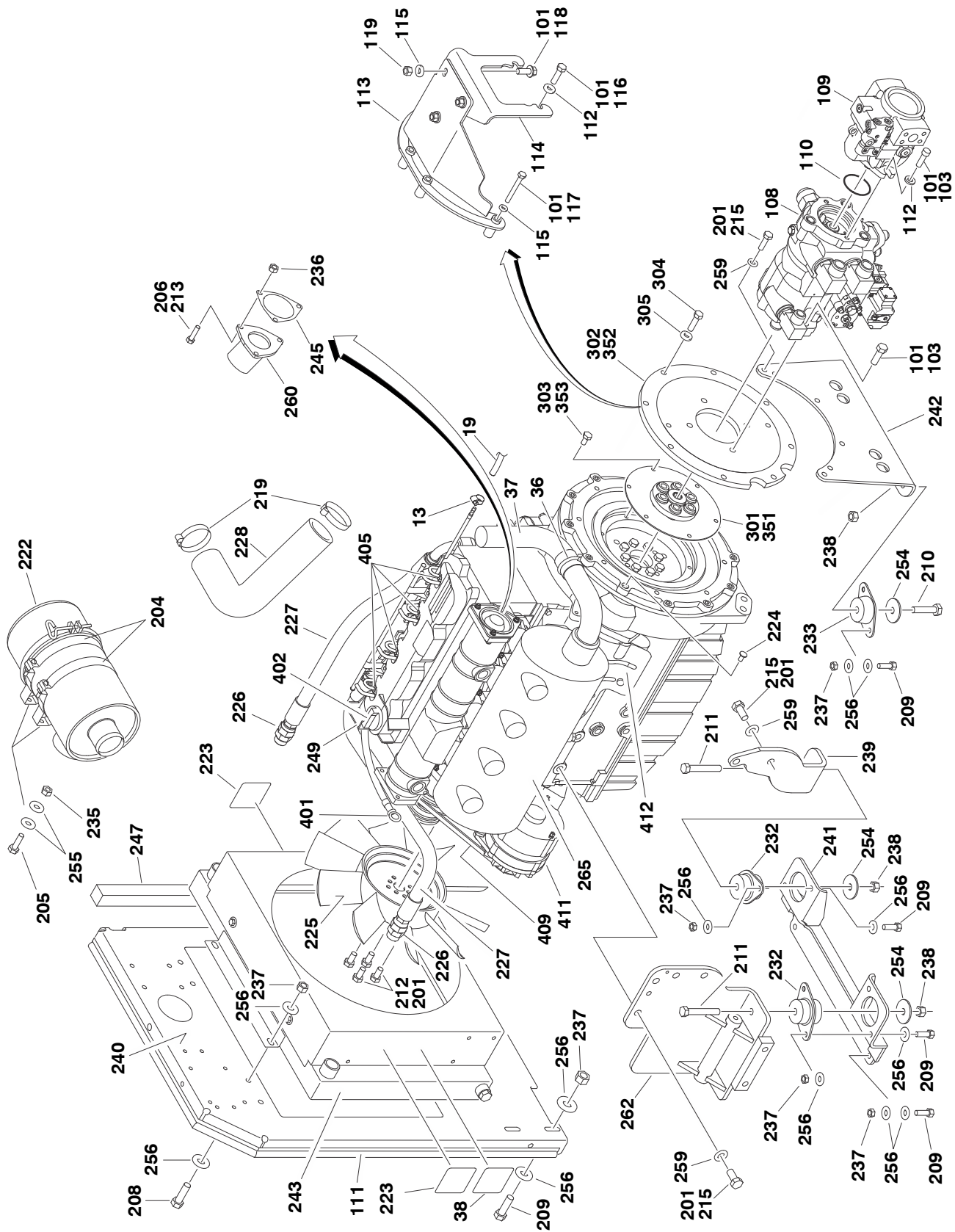
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FIGURE 2-7. CATERPILLAR ENGINE INSTALLATION (CONTINUED)

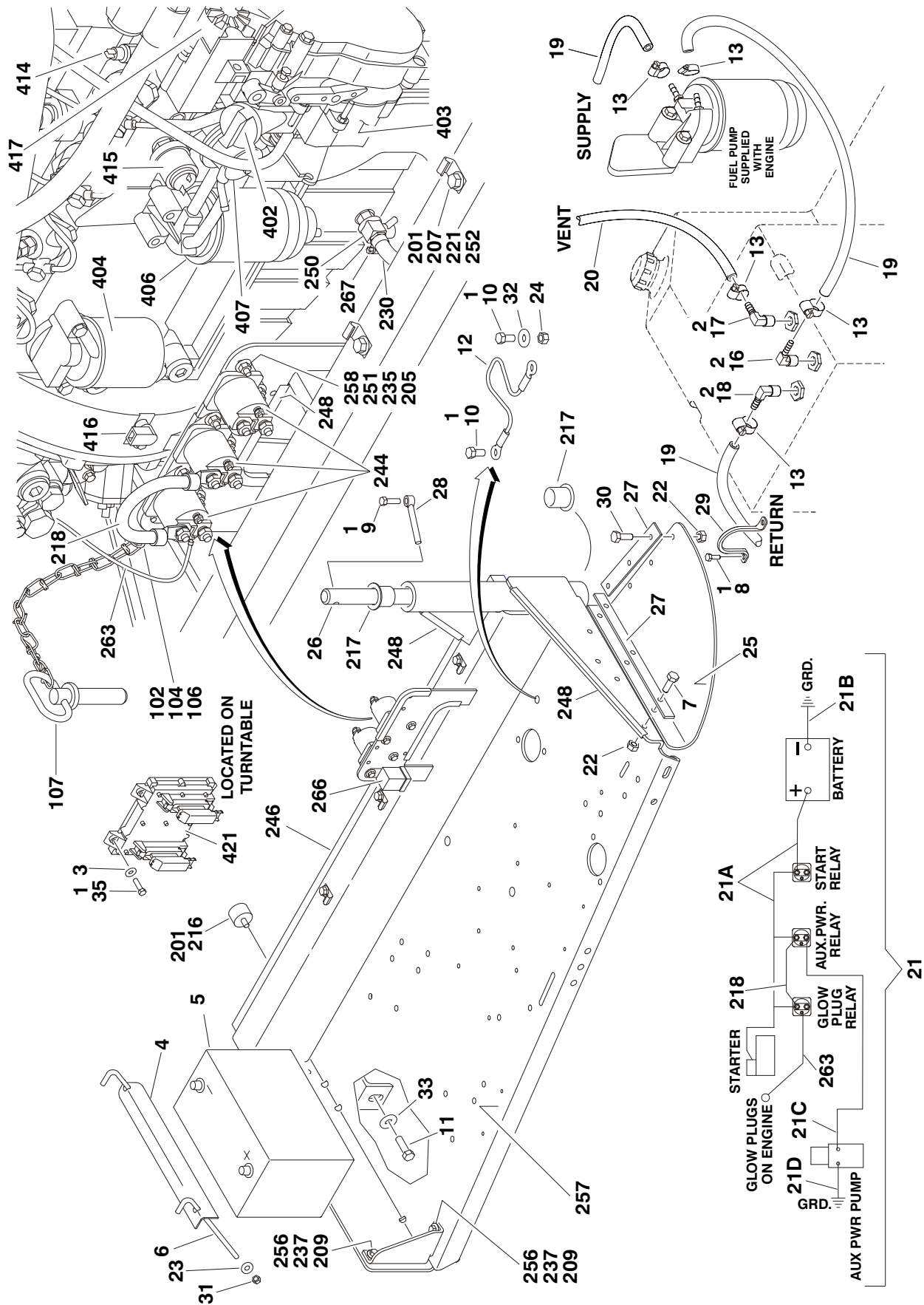
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
418	70001051	1	Valve, Shutoff	
419	7026826	1	Gasket, Exhaust Manifold to Engine Block (Not Shown)	
	70002852	4	Stud, Exhaust (Not Shown)	
420	7026819	1	Cooler, Oil (Not Shown)	
	7026816	2	O-Ring (Not Shown - Located Between Oil Cooler & Cover)	
	7026817	4	O-Ring (Not Shown - Located Between Oil Cooler & Cover)	
	7026818	1	Gasket (Not Shown - Located Between Oil Cooler Cover & Engine Block)	
421	7026800	1	Cap, (Oil Filler)	
422	7026801	1	Gasket, (Valve Cover)	
	70002761	17	Bolt, (Cylinder Head)	
	70002762	7	Seal, (Valve Stem)	
	7022721	1	Washer, Hard 2.5mm	
	70002479	1	Bolt M10 x 1.5 x 20mm	
	70002764	1	Gasket (Between Lifting Eye & Engine Head)	
423	7026829	1	Gasket, Intake Manifold to Engine Block (Not Shown)	
	7026828	1	Gasket, Intake Manifold to Air Intake Tube	
424	7026802	1	Flywheel Assy (With Ring Gear)	
	7026803	1	Gear, Flywheel	
425	7026832	4	Plug, Glow	
426	7026804	1	Gasket (Not Shown - Located Between Engine Block & Bellhousing)	
427	7026805	1	Seal, Rear Main (Not Shown - Located on Rear of Engine Block)	
428	7026806	1	Cap, Filler	
	70002847	1	Seal, Gear Cover	
	70002845	1	Pump, Oil	
	70002846	1	Seal, Oil Pump	
429	7026807	1	Seal, Front Main (Not Shown - Located on Front of Engine Block)	
430	70002763	4	Gasket, Fuel Line (Not Shown)	
431	7026808	1	Plug, Drain Oil Pan (Not Shown)	
	7026809	1	Gasket, Drain Plug Oil Pan (Not Shown)	
432	70002849	1	Pump, Fuel Supply	
	70002850	1	Solenoid, Fuel Shutoff	
	70002848	1	Gasket, Fuel Pump (Between Flange & Pump)	
433	7026827	1	Gasket, Exhaust Manifold to Exhaust Pipe	
434	7026814	1	Relief Valve, Oil Pressure	
	7026815		Gasket, Relief Valve	
435	70002851		Kit - Gasket (Not Shown)	

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FIGURE 2-8. DEUTZ ENGINE INSTALLATION



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FIGURE 2-8. DEUTZ ENGINE INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	DEUTZ ENGINE INSTALLATIONS	
		Ref	Tier IVi Engines	
	1001098506	Ref	Without Arctic Package (All Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	C
	1001098506	Ref	Without Arctic Package (All Specs Except ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	D
	1001099637	Ref	With Arctic Package (ANSI, ANSI Export & CSA Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	C
	1001099637	Ref	With Arctic Package (ANSI Export Spec USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	E
		Ref	Tier IVi-Flex Engines	
	1001137745	Ref	Without Arctic Package (ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	D
	1001137747	Ref	With Arctic Package (ANSI & CSA Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	D
	1001144324	Ref	Tier IVi-PRE Engines (CE Spec Only USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	D
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	4711400	4	Flatwasher 1/4in Narrow	
4	91401281	1	Hold-down, Battery	
5	0400075	1	Battery	
6	1001093382	2	Bolt, Battery Hold-down	
7	0641508	3	Bolt 5/16in-18NC x 1in	
8	0641608	6	Bolt 3/8in-16NC x 1in	
9	0641610	1	Bolt 3/8in-16NC x 1-1/4in	
10	0641808	2	Bolt 1/2in-13NC x 1in	
11	0642010	1	Bolt 5/8in-11NC x 1-1/4in	
12	1060637	1	Cable, Lanyard	
13	1320022	5	Clamp, Hose	
14	1701505	1	Decal - Diesel (Not Shown - Located on Hood)	
15	Not Used			
16	2180348	1	Fitting, Straight Barbed	
17	2220313	1	Fitting, Elbow	
18	2221176	1	Fitting, Elbow Barbed	
19	2720058	30ft/9.2m	Hose	
20	2750532	6ft/1.8m	Hose	
21	2902401	1	Battery Cable Kit	C
21A	1001116288	1	Cable, Battery (Red) (Machines with 3 Relays on Engine Tray)	
	1001116287	1	Cable, Battery (Red) (Machines with 2 Relays on Engine Tray)	
21B	7027004	1	Cable, Battery (Black)	

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FIGURE 2-8. DEUTZ ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
21C	7016824	1	Cable (Red)	
21D	7016825	1	Cable (Black)	
22	3311505	6	Locknut 5/16in-18NC	
23	4751500	2	Flatwasher 5/16in Wide	
24	3311801	1	Nut 1/2in-13NC	
25	3380429	1	Panel, Rubber	
26	3422446	1	Pin, Pivot	
27	3539957	2	Plate, Hold-down	
28	3841143	1	Pin, Keeper	
29	3841340	3	Loop, Hose	
30	3900272	3	Bolt 5/16in-18NC x 1-3/4in	
31	88521205	2	Locknut 5/16in-18NC	
32	4751800	1	Flatwasher 1/2in Wide	
33	4752000	1	Flatwasher 5/8in Wide	
34	4922737	1	Harness, Engine Grounding (Not Shown)	
35	0641410	4	Bolt 1/4in-20NC x 1-1/8in	
36	1320176	1	Clamp, Exhaust	
37	1001101600	1	Tube, Exhaust	
38		1	Decal - Warning Explosion/Fire Options:	
	1704972		ANSI Spec Decals	
	1706098		Australian & CE Spec Decals	
	1706064		CSA Spec Decals	
	1706060		Dual Language English/Chinese Decals	
	1706062		Dual Language English/Japanese Decals	
	1706061		Dual Language English/Korean Decals	
	1706059		Dual Language English/Portuguese Decals	
	1706063		Dual Language English/Spanish Decals	
		Ref	Note: Arctic Package Items 39 - 50 Not Shown - Used on Arctic Machines Only.	
39	1060625	1	Cable, Immersion Heater (Located on Bottom of Hydraulic Oil Tank)	
40	1060626	1	Cord, 3 Way Extension (Located on Left Front of Engine)	
41	1320223	AR	Clamp	
42	1702941	1	Decal - Battery Heater (Located on Battery Heater)	
43	1702942	1	Decal - Engine Block Heater (Located on Right Side of Engine)	
44	1702943	1	Decal - Hydraulic Tank Heater (Located on Bottom of Hydraulic Oil Tank)	
45	1702944	1	Decal - Heater Cord (Located on Left Front of Engine)	
46	2580024	1	Heater, Battery (Located on Battery)	
47	2580050	1	Heater, Hydraulic Tank (Located on Bottom of Hydraulic Oil Tank)	
48	3980007	1	Seat, Battery (Located on Battery)	
49	3311605	1	Nut 3/8in-16 NC	
50	4711600	2	Flatwasher 3/8in Narrow	

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FIGURE 2-8. DEUTZ ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	ENGINE AND PUMP ASSEMBLIES	
		Ref	Tier IVi Engines	
	1001098507	Ref	Without Arctic Package (All Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	D
	1001098507	Ref	Without Arctic Package (All Specs Except ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	F
	1001099639	Ref	With Arctic Package (ANSI, ANSI Export & CSA Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	D
	1001099639	Ref	With Arctic Package (ANSI Export Spec USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	F
		Ref	Tier IVi-Flex Engines	
	1001137744	Ref	Without Arctic Package (ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	D
	1001137746	Ref	With Arctic Package (ANSI & CSA Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	D
	1001144322	Ref	Tier IVi-PRE Engines (CE Spec Only USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	C
	1001162546	Ref	PUMP COUPLING REPLACEMENT KIT	C
		Ref	Note: See SPECIAL OPTION SECTION for machines not equipped with Pump Mounting Bracket Kit, Deutz Engine with Sauer Danfoss drive and load sensing pump combination.	
101	0100011	AR	Compound, Locking	
102	0641407	1	Bolt 1/4in-20NC x 7/8in	
103	0641812	4	Bolt 1/2in-13NC x 1-1/2in	
103	0711025	2	Bolt M10 x 85 Grade 10.9	
104	4751400	1	Flatwasher 1/4in Wide	
105	Not Used			
106	3311405	1	Locknut 1/4in-20NC	
107	3422532	1	Pin, Hitch	
108		1	Piston Pump Assembly with Fittings Options:	
	3600400		SN 0300140000 to SN 0300180777 (See PISTON PUMP ASSEMBLY (SAUER DANFOSS) for Breakdown)	
	1001153622		SN 0300180777 to SN 0300182115 (See PISTON PUMP ASSEMBLY (EATON) for Breakdown)	
	3600400		SN 0300182116 to SN 0300182135 (See PISTON PUMP ASSEMBLY (SAUER DANFOSS) for Breakdown)	
	1001153622		SN 0300182136 to SN 0300183033 (See PISTON PUMP ASSEMBLY (EATON) for Breakdown)	
109	1001095354	1	Gear Pump Assembly with Fittings (Sauer Danfoss)	A
	2220415	1	Fitting	
	1001094595	1	Pump, Displacement	
	7023967	1	Seal Kit	
	7023956	1	Valve Assembly Kit	
110	3790044	1	O-Ring	

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FIGURE 2-8. DEUTZ ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
111	3960389	5ft/1.5m	Seal	
112	4891800	AR	Flatwasher, 1/2Hardened	
112	4891600	AR	Flatwasher, 3/8 Hardened	
113	1001137898	1	Bracket, Support (USA Built Machines SN 0300161435 to SN 0300174937 & China Built Machines B300000100 to SN B300000804)	
114	1001137899	1	Plate, Mounting (USA Built Machines SN 0300161435 to SN 0300174937 & China Built Machines B300000100 to SN B300000804)	
115	4891600	7	Flatwasher 3/8in Hardened (USA Built Machines SN 0300161435 to SN 0300174937 & China Built Machines B300000100 to SN B300000804)	
116	0641814	2	Bolt 1/2in-13NC x 1-3/4in (USA Built Machines SN 0300161435 to SN 0300174937 & China Built Machines B300000100 to SN B300000804)	
117	0711025	4	Bolt M10 x 85mm (USA Built Machines SN 0300161435 to SN 0300174937 & China Built Machines B300000100 to SN B300000804)	
118	0791608	3	Bolt 3/8in-16NC x 1in (USA Built Machines SN 0300161435 to SN 0300174937 & China Built Machines B300000100 to SN B300000804)	
119	3311605	3	Locknut 3/8in-16NC (USA Built Machines SN 0300161435 to SN 0300174937 & China Built Machines B300000100 to SN B300000804)	
		Ref	ENGINE ASSEMBLIES	
		Ref	Tier IVi Engines	
	1001098508	Ref	Without Arctic Package (All Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	H
	1001098508	Ref	Without Arctic Package (All Specs Except ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	I
	1001099640	Ref	With Arctic Package (ANSI, ANSI Export & CSA Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	G
	1001099640	Ref	With Arctic Package (ANSI Export Spec USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	I
		Ref	Tier IVi-Flex Engines	
	1001137738	Ref	Without Arctic Package (ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	C
	1001137741	Ref	With Arctic Package (ANSI & CSA Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	C
	1001144320	Ref	Tier IVi-PRE Engines (CE Spec Only USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	D
201	0100011	AR	Compound, Locking	
202 to 203	Not Used			
204	0340041	2	Band, Air Cleaner	

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FIGURE 2-8. DEUTZ ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
205	0641407	10	Bolt 1/4in-20NC x 7/8in	
206	0641510	2	Bolt 5/16in-18NC x 1-1/4in	
207	0641606	3	Bolt 3/8in-16NC x 3/4in	
208	0641609	6	Bolt 3/8in-16NC x 1-1/8in	
209	0641610	16	Bolt 3/8in-16NC x 1-1/4in	
210	0641818	2	Bolt 1/2in-13NC x 2-1/4in	
211	0641826	2	Bolt 1/2in-13NC x 3-1/4in	
212	0700808	4	Bolt 8mm x 16mm	
213	0641512	1	Bolt 5/16in-18NC x 1-1/2in	
214	Not Used			
215	0701414	10	Bolt 14mm x 130mm	
216	0940070	1	Bumper	
217	0961986	2	Bushing, Flanged	
218	1060904	1	Cable, Jumper (USA Built Machines SN 0300140000 to SN 0300140564)	
219	1320016	2	Clamp	
220	Not Used			
221	1320223	4	J-Clip	
222	1340060	1	Air Cleaner Assembly Including Filter Element	
	7012664	1	Element, Filter (Not Shown)	
223	1703162	2	Decal - Caution Fan Blade	
224	3520054	2	Plug, Hole	
225	2060025	1	Fan	
226	2220451	2	Fitting, Straight	
227	2720398	2	Hose, Oil Cooler	
228	1001091179	1	Elbow, Rubber	
229	Not Used			
230	Use 2750532	1ft/30cm	Hose, Oil Drain (was p/n 1001091892)	
231		3.75gal	Oil, Motor Options (Not Shown):	
	3020016		15W-40 (Without Arctic Package)	
	3020044		0W-40 (With Arctic Package)	
232	3200362	2	Mount, Motor	
233	3200406	2	Mount, Motor	
234	Not Used			
235	3311405	10	Locknut 1/4in-20NC	
236	3311505	3	Locknut 5/16in-18NC	
237	3311605	22	Locknut 3/8in-16NC	
238	3311805	4	Locknut 1/2in-13NC	
239	3537416	1	Plate, Engine Mounting (Front Right Side)	
240	3539872	1	Plate, Radiator Mounting	
241	3539971	1	Plate, Engine Mounting (Front Bottom)	
242	1001093943	1	Plate, Engine Mounting (Rear)	
243	Use 1001150998	1	Radiator (was p/n 3620033)	
244	3740067	3	Relay	
245	3960407	1	Gasket, Air Intake	
246	3960468	1	Seal	
247	3960469	1	Seal	
248	4060805	37in/1m	Flex-Trim	

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FIGURE 2-8. DEUTZ ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
249	1001094101	1	Engine, Deutz Options: Tier IVi Engines (All Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	
	1001094101		Tier IVi Engines (All Specs Except ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	
	1001137737		Tier IVi-Flex Engines (ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	
	1001144319	Ref	Tier IVi-PRE Engines (CE Spec Only USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present	
250	4640751	1	Valve, Oil Drain (was p/n 1001104308)	
251	4711400	6	Flatwasher 1/4in Narrow	
252	4711600	3	Flatwasher 3/8in Narrow	
253	Not Used			
254	4740274	4	Washer, Snubbing	
255	4751400	8	Flatwasher 1/4in Wide	
256	4751600	44	Flatwasher 3/8in Wide	
257	1001094321	1	Tray, Engine	
258	4791400	6	Starwasher 1/4in	
259	4812200	10	Flatwasher 14mm	
260	4845395	1	Adapter, Air Intake	
261	Not Used			
262	4846566	1	Plate, Engine Mounting (Front Left Side)	
263	4923379	1	Harness, Glow Plugs	
264	Not Used			
265		1	Muffler Options: Spark Arresting (Standard) Catalytic (Optional)	
	1001099051		Plug, Brass	
	1001101241			
	7024560	1		
266	3740080	1	Relay, EGR	
267	1320022	1	Clamp, Hose	
		Ref	Note: Arctic Package Item 268 Not Shown - Used on Arctic Machines Only.	
268	2580062	1	Heater, Engine Block	
	2902065	NLA	KIT PUMP COUPLING AND MOUNTING PLATE (NOTE: PURCHASE P/N 1001162546 KIT) (USA Built Machines SN 0300140000 to SN 0300174937 & China Built Machines SN B300000100 to SN B300000804)	H
301	70000793	1	Coupling, Hayes	
302		NSS	Plate, Pump Adapter (Note: Not Available - Purchase Kit p/n 1001162546)	
303	See Note	8	Bolt M10 x 20mm Grade 10.9 (Note: Not Available - Purchase Locally)	
304	See Note	12	Bolt M10 x 25mm Grade 10.9 (Note: Not Available - Purchase Locally)	
305	See Note	12	Flatwasher M10 (Note: Not Available - Purchase Locally)	

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FIGURE 2-8. DEUTZ ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001153282	NLA	KIT PUMP COUPLING AND MOUNTING PLATE (SN 0300174937 TO SN 030183033) (NOTE: PURCHASE P/N 1001162546 KIT) (NOT SHOWN)	D
351	70004183	1	Coupling, Guardian	
352		NSS	Plate, Pump Adapter (Note: Not Available - Purchase Kit p/n 1001162546)	
353	See Note	8	Bolt M10 x 20mm Grade 10.9 (Note: Not Available - Purchase Locally)	
354	See Note	12	Bolt M10 x 25mm Grade 10.9 (Note: Not Available - Purchase Locally)	
		Ref	ENGINE COMPONENTS	
	1001094101	Ref	Tier IVi Engines (All Specs USA Built Machines SN 0300140000 to SN 0300170338 & China Built Machines SN B300000100 to SN B300000752)	B
	1001094101	Ref	Tier IVi Engines (All Specs Except ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	C
	1001137737	Ref	Tier IVi-Flex Engines (ANSI, CSA & CE Specs USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	B
	1001144319	Ref	Tier IVi-PRE Engines (CE Spec Only USA Built Machines SN 0300170338 to SN 0300183033 & China Built Machines SN B300000752 to Present)	B
401	7026631	1	Dipstick	
	7020487	1	O-Ring, Dipstick	
402	7020465	1	Cap, Filler	
403	70001850	1	Pump, Oil Lube	
	7020468	1	Seal Between Oil Pump & Engine Block (Not Shown)	
404	7016331	1	Filter, Oil	
	70001848	1	Sensor at Oil Filter	
	70001132	1	Seal, Sensor at Oil Filter	
405		4	Pump, Injector Options:	
	70000912		Series A Injector	
	70000913		Series B Injector	
	70000914		Series C Injector	
	70000915		Series D Injector	
406	7016328	1	Filter, Fuel	
407	70000916	1	Pump, Fuel Supply	
	70001435	1	Repair Kit	
	70000919	1	Hand Pump	
	70000918	1	Seal, Hand Pump	
	70000917	1	O-Seal Between Fuel Pump & Engine Block (Not Shown)	
408	7020449	4	Gasket, Intake Manifold (Not Shown)	
409	7020408	1	V-Belt	
410	7020471	4	Gasket, Exhaust (Manifold to Engine Block) (Not Shown)	
	70002200	8	Stud, Muffler Attaching) (Not Shown)	
	70003476	AR	Nut, Exhaust Manifold	

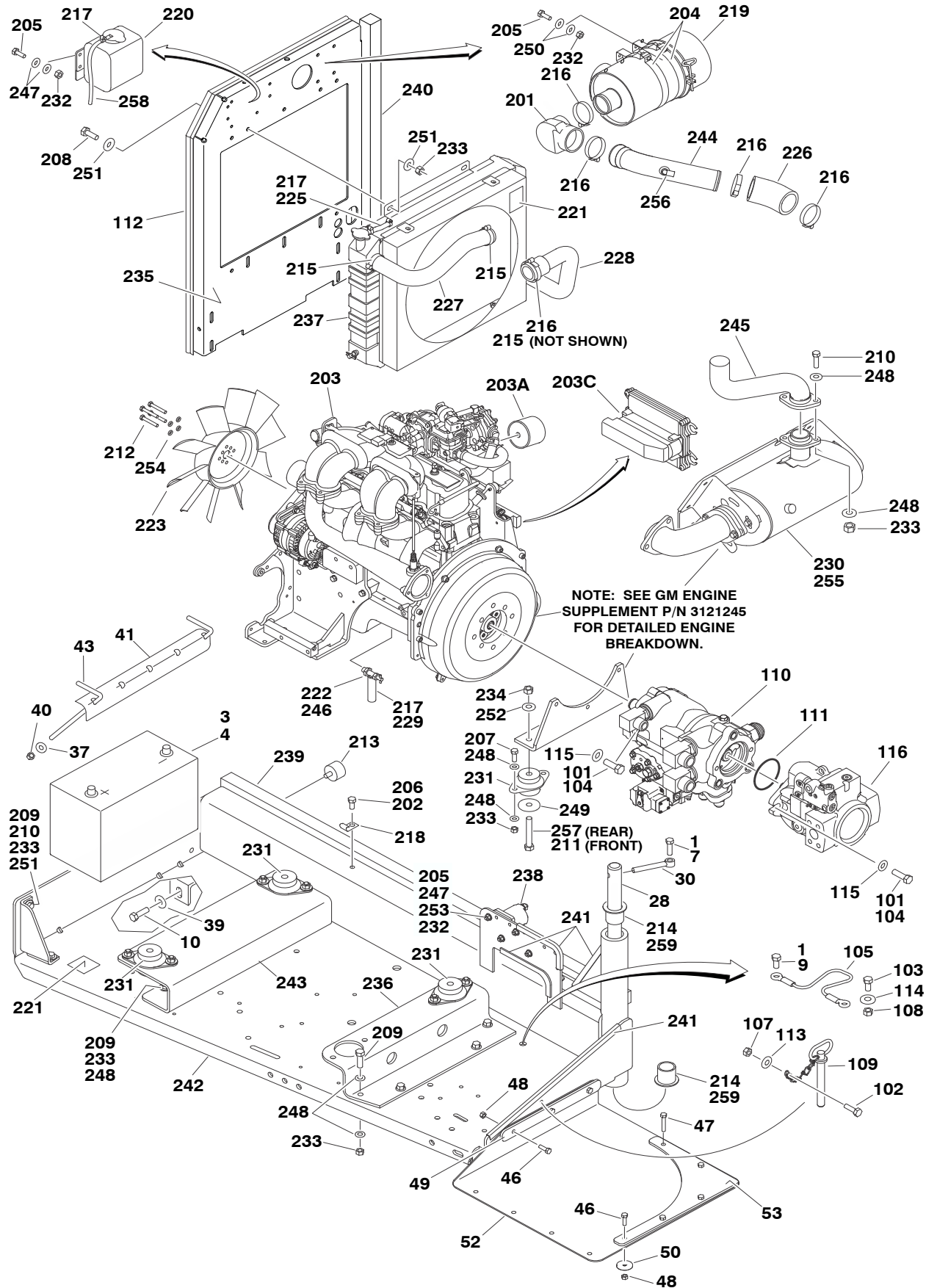
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FIGURE 2-8. DEUTZ ENGINE INSTALLATION (CONTINUED)

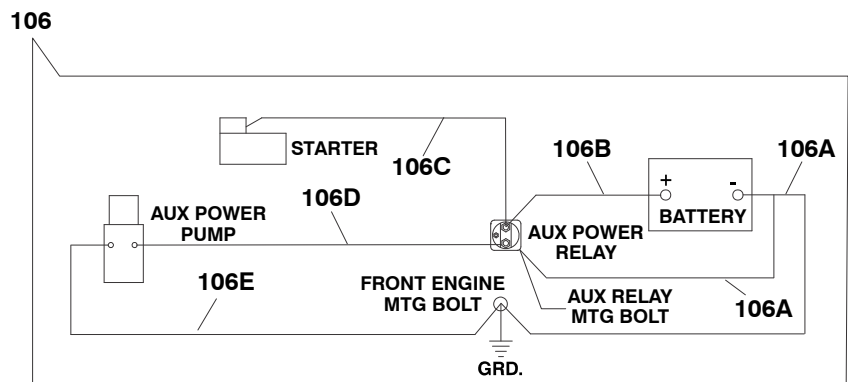
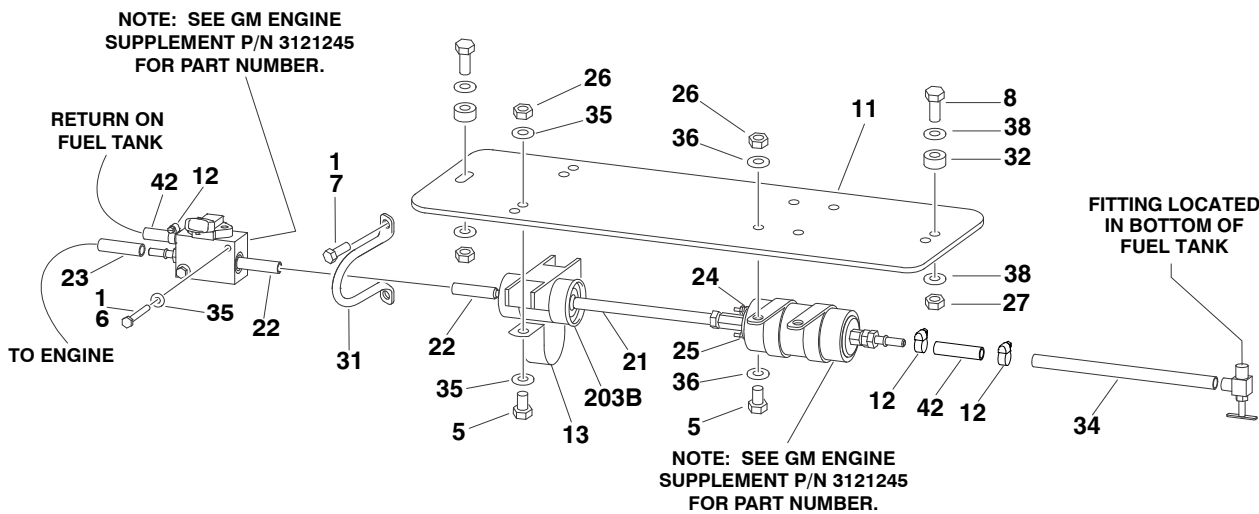
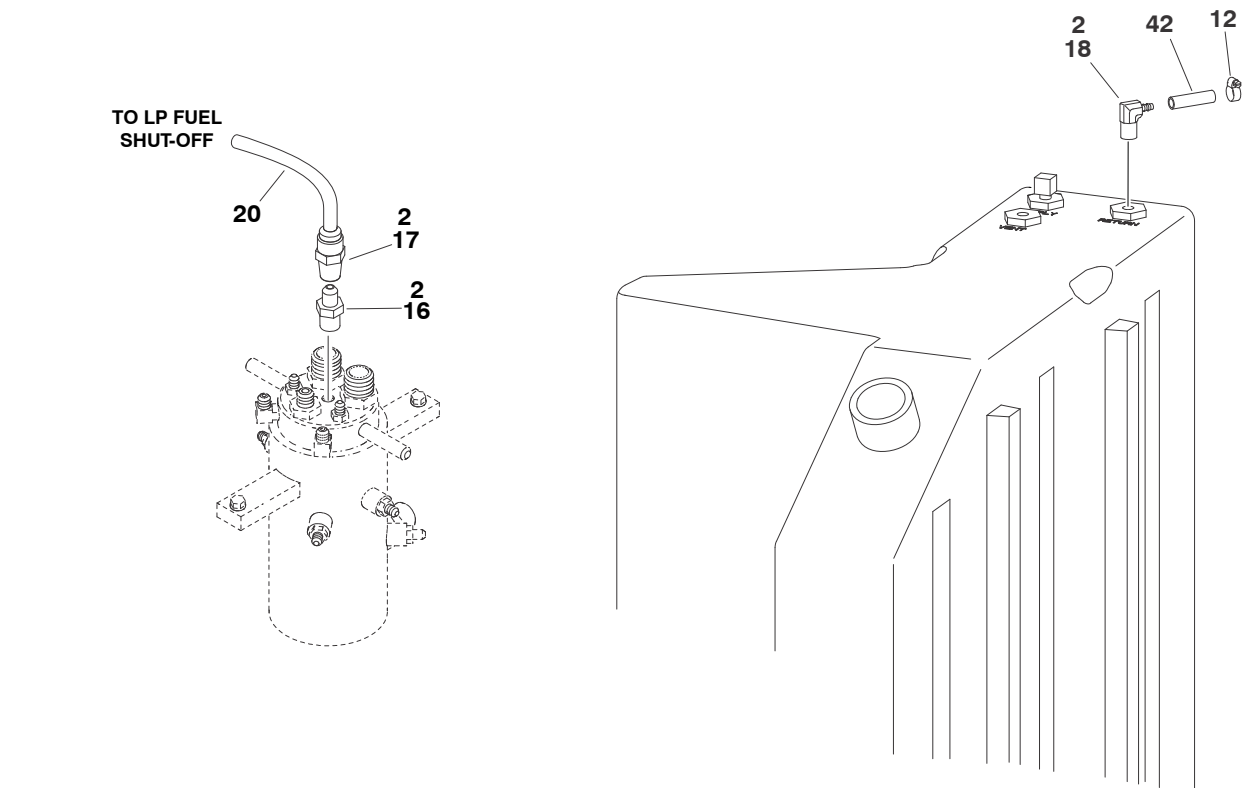
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
410 cont'd	70001836	1	Gasket, Exhaust (Engine Head to Header) (Not Shown)	
	70001835	1	Gasket, Exhaust (Header to EGR Valve Block) (Not Shown)	
	70001841	1	Valve, EGR (Not Shown)	
	70001838	2	Gasket, Exhaust (EGR Valve Block to Exhaust Tube) (Not Shown)	
	70001874	1	Plate Choke (Between 70001838 Gaskets) (Not Shown)	
	70001837	1	Gasket, Exhaust (Exhaust Tube to Muffler) (Not Shown)	
	70001839	1	Flange, Sealing (Near Front of Header) (includes Seal & Pin) (Not Shown)	
411	7000663	1	Alternator	
	70001868	1	Regulator, Voltage (Not Shown)	
	70001866	1	Gasket, Regulator (Not Shown)	
	70002234	1	Bracket, Adjusting (Not Shown)	
412	7020479	1	Starter	
	7026608	1	Solenoid	
413	70000345	4	Plug, Glow (Not Shown)	
414	7027791	1	Sender, Temperature	
	See Note	1	Ring, Sealing (Note: Not Available for Purchase.)	
415	7027790	1	Sensor, Oil Pressure	
416	7024565	1	Sensor, Speed	
417	7027792	1	Actuator, Throttle	
418	7020459	1	Thermostat (Located at rear of engine block - Not Shown)	
419	70001870	1	Flywheel (Not Shown)	
	7024579	1	Ring Gear (Located on Flywheel - Not Shown)	
420	Not Used	1		
421	7027795	1	Module, EMR2 Controller	
	7027796	1	Harness. EMR2 Module	
422 to 424	Not Used			
425		1	Gasket, Cylinder Head Options (Not Shown):	
	70002415		1 Notch	
	70002416		2 Notches	
	70002417		3 Notches	
426	Not Used			
427	70001872	1	Harness. Engine Options (Not Shown):	
428	70001847	1	Breather, Valve (Not Shown - Located On Front Cover)	
	70001126	1	Seal, Breather	

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FIGURE 2-9. GM ENGINE INSTALLATION



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FIGURE 2-9. GM ENGINE INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	GM ENGINE INSTALLATION	
	1001114636	Ref	Engine 3.0L Tier III/iV without Arctic Package	E
	1001114638	Ref	Engine 3.0L Tier III/iV with Arctic Package	E
		Ref	Note: For SN 0300141585 Refer to Manual #3121176 For Breakdown.	
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100048	AR	Grease, Dielectric	
4	0400075	1	Battery (Wet)	
5	0641406	4	Bolt 1/4in-20NC x 3/4in	
6	0641416	2	Bolt 1/4in-20NC x 2in	
7	0641608	7	Bolt 3/8in-16NC x 1in	
8	0641612	7	Bolt 3/8in-16NC x 1-1/2in	
9	0641808	1	Bolt 1/2in-13NC x 1in	
10	0642010	1	Bolt 5/8in-11NC x 1-1/4in	
11	0903510	1	Bracket, Fuel Filter	
12	1320022	4	Clamp, Fuel Line	
13	1320323	1	Clamp	
14	1701542	1	Decal, Gas (Not Shown)	
15	1701543	1	Decal, LPG (Not Shown)	
16	2180418	1	Fitting, Straight	
17	2220005	1	Fitting, Straight	
18	2221176	1	Fitting, Elbow	
19	Not Used			
20	2720392	1	Hose, LP	
21		1	Hose (6in/15cm Length) Options:	
	Use 1001156823		SN 0300140000 to SN 0300181850 (was p/n 2720566)	
	1001156823		SN 0300181850 to SN 0300183033	
22		1	Hose Options;	
	Use 1001156824		Hose (48in/122cm Length) (SN 0300140000 to SN 0300181850) (was p/n 2720567)	
	1001156824		Hose (50in/127cm Length) (SN 0300181850 to SN 0300183033)	
23		1	Hose, Hi Pressure Fuel Line Options:	
	Use 1001156825		SN 0300140000 to SN 0300181850 (was p/n 2720580)	
	1001156825		SN 0300181850 to SN 0300183033	
24	3290405	1	Locknut M4 x 0.7	
25	3290505	1	Locknut M5 x 0.8	
26	3311405	4	Locknut 1/4in-20NC	
27	3311605	2	Locknut 3/8in-16NC	
28	3422446	1	Pin	
29	3790012	1	O-Ring (Not Shown - Located in Console Box)	
30	3841143	1	Keeper	
31	3841340	3	Clamp, Loop	
32	4071122	2	Shim, Spacer	
33	4360336	1	Switch, Toggle (Not Shown - Located in Console Box)	
34	4569385	1	Tube, Fuel Line	
35	4711400	6	Flatwasher 1/4in Narrow	

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FIGURE 2-9. GM ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
36	4711500	4	Flatwasher 5/16in Narrow	
37	4751500	2	Flatwasher 5/16in Wide	
38	4751600	4	Flatwasher 3/8in Wide	
39	4752000	1	Flatwasher 5/8in Wide	
40	88521205	2	Locknut 5/16in-18NC	
41	91401281	1	Angle, Battery Hold Down	
42	Use 1001156819 1001156819	68in/1.73m	Hose, Fuel Line Options: SN 0300140000 to SN 0300181850 (was p/n 1001091587) SN 0300181850 to SN 0300183033	
43			Bolt, Battery Hold Down	
44 to 45			Not Used	
46	0641508	6	Bolt 5/16in-18NC X 1in (USA Built Machines SN 0300143289 to SN 0300183033 & China Built Machines SN B300000146 to Present)	
47	Use 3900272	2	Bolt 5/16in-18NC X 1-3/4in (USA Built Machines SN 0300143289 to SN 0300183033 & China Built Machines SN B300000146 to Present) (was p/n 0641514)	
48	3311505	8	Locknut 5/16in-18NC (USA Built Machines SN 0300143289 to SN 0300183033 & China Built Machines SN B300000146 to Present)	
49	3539957	1	Plate, Hold Down (USA Built Machines SN 0300143289 to SN 0300183033 & China Built Machines SN B300000146 to Present)	
50	4740508	3	Washer (USA Built Machines SN 0300143289 to SN 0300183033 & China Built Machines SN B300000146 to Present)	
51	Not Used			
52	1001121891	1	Panel, Rubber (USA Built Machines SN 0300143289 to SN 0300183033 & China Built Machines SN B300000146 to Present)	
53	1001123000	1	Bracket, Support (USA Built Machines SN 0300143289 to SN 0300183033 & China Built Machines SN B300000146 to Present)	
		Ref	Note: Arctic Package Items 54-64 Not Shown - Used on Arctic Machines Only	
54	1060626	1	Cord, 3 Way Extension (Located on Left Front of Engine)	
55	1320223	3	J-Clamp	
56	1702941	1	Decal - Battery Heater (Located on Battery Heater)	
57	1702942	1	Decal - Engine Block Heater (Located on Right Side of Engine)	
58	1702943	1	Decal - Hydraulic Tank Heater (Located on bottom of Hydraulic Oil Tank)	
59	1702944	1	Decal - Heater Cord (Located on Left Front of Engine)	
60	1060625	1	Cable, Immersion Heater (Located on bottom of Hydraulic Oil Tank)	
61	2580024	1	Heater, Battery (Located on Battery)	
62	2580050	1	Heater, Hydraulic Tank (Located on bottom of Hydraulic Oil Tank)	
63	2580063	1	Heater, Engine Block (Located on Right Side of Engine)	
64	3980007	1	Seat, Battery (Located under Battery)	
		Ref	GM ENGINE AND PUMP SUB-ASSEMBLY	
	1001114635	Ref	Machines without Arctic Package	D

SECTION 2 TURNTABLE

FIGURE 2-9. GM ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001114637	Ref	Machines with Arctic Package	D
101	0100011	AR	Compound, Locking	B
102	0641407	1	Bolt 1/4in-20NC x 7/8in	
103	0641808	1	Bolt 1/2in-13NC x 1in	
104	0641812	4	Bolt 1/2in-13NC x 1-1/2in	
105	1060637	1	Cable, Lanyard	
106	2902533	1	Battery Cable Kit	
106A	7027018	1	Cable (Battery - to Ground)	
106B	7027015	1	Cable (Battery + to Relay)	
106C	7027017	1	Cable (Relay to Starter)	
106D	7016824	1	Cable (Relay to Auxiliary Pump)	
106E	7016825	1	Cable (Ground to Auxiliary Pump)	
107	3311405	1	Locknut 1/4in-20NC	
108	3311805	1	Locknut 1/2in-13NC	
109	3422532	1	Pin, Hitch	
110		1	Piston Pump Assembly with Fittings Options:	
	3600400		SN 0300140000 to SN 0300180777 (See PISTON PUMP ASSEMBLY (SAUER DANFOSS) for Breakdown)	
	1001153622		SN 0300180777 to SN 0300182115 (See PISTON PUMP ASSEMBLY (EATON) for Breakdown)	
	3600400		SN 0300182116 to SN 0300182135 (See PISTON PUMP ASSEMBLY (SAUER DANFOSS) for Breakdown)	
	1001153622		SN 0300182136 to SN 0300183033 (See PISTON PUMP ASSEMBLY (EATON) for Breakdown)	
111	3790044	1	O-Ring	D
112	3960389	5ft/1.5m	Seal	
113	4751400	1	Flatwasher 1/4in Wide	
114	4751800	1	Flatwasher 1/2in Wide	
115	4891800	AR	Flatwasher, 1/2 Hardened	
116	1001095354	1	Gear Pump Assembly with Fittings	
	2220415	1	Fitting	
	1001094595	1	Gear Pump Less Fittings	
	7023967	1	Seal Kit - 1001094595 Pump	
	7023956	1	Valve Assembly Kit - 1001094595 Pump	
	1001114632	Ref	GM ENGINE ASSEMBLY	
201	0080201	1	Fitting, Elbow	
202	0100011	AR	Compound, Locking	
203	1001114595	1	Engine, GM 3.0L Options (See GM Engine Supplement P/N 3121245 for Breakdown of Additional Components):	
203A	7027965	1	Filter, Oil	
203B	7027972	1	Filter, Fuel	
203C	70002895	1	Module, Control (ECU)	
203D	70000164	4	Sparkplug (Not Shown)	
204	0340041	2	Band, Mounting	
205	0641406	10	Bolt 1/4in-20NC x 3/4in	
206	0641606	3	Bolt 3/8in-16NC x 3/4in	
207	0641608	8	Bolt 3/8in-16NC x 1in	

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FIGURE 2-9. GM ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
208	0641609	4	Bolt 3/8in-16NC x 1-1/8in	
209	0641610	10	Bolt 3/8in-16NC x 1-1/4in	
210	0641612	4	Bolt 3/8in-16NC x 1-1/2in	
205	0641406	10	Bolt 1/4in-20NC x 3/4in	
206	0641606	3	Bolt 3/8in-16NC x 3/4in	
207	0641608	8	Bolt 3/8in-16NC x 1in	
208	0641609	4	Bolt 3/8in-16NC x 1-1/8in	
209	0641610	10	Bolt 3/8in-16NC x 1-1/4in	
210	0641612	4	Bolt 3/8in-16NC x 1-1/2in	
211	0641828	2	Bolt 1/2in-13NC x 3-1/2in	
212	0700810	4	Bolt M8 x 20mm	
213	0940070	1	Bumper	
214	0961986	2	Bearing, Flanged	
215	1320012	3	Clamp	
216	1320016	5	Clamp	
217	1320022	4	Clamp	
218	1320223	3	Clamp	
219	1340060	1	Air Cleaner Assembly	
	7012664	1	Element, Air Cleaner	
220	1580011	1	Container, Coolant Overflow	
221	1703162	2	Decal - Caution Fan	
222	0100020	AR	Sealant, Pipe	
223	2060025	1	Fan	
224	Not Used			
225	2720058	5.5in/14cm	Hose	
226	1001116544	1	Duct	
227	2720563	1	Hose, Radiator (Top)	
228	2720564	1	Hose, Radiator (Bottom)	
229	Use 2750532	6in/15.2cm	Hose (was p/n 1001091892)	
230	1001091794	1	Insulation, Muffler	
231	3200362	4	Mount, Engine	
232	3311405	12	Locknut 1/4in-20NC	
233	3311605	26	Locknut 3/8in-16NC	
234	3311805	4	Locknut 1/2in-13NC	
235	3539872	1	Plate, Radiator Mounting	
236	3572280	1	Plate, Engine Mount	
237	3620040	1	Radiator	
	Use 8180311	1	Cap, Radiator (was p/n 7019656)	
238	3740067	1	Relay	
239	3960468	1	Seal	
240	3960469	1	Seal	
241	4060805	3ft/0.9m	Seal	
242	4341239	1	Tray, Engine	
243	4341241	1	Mount, Engine (Front)	
244	1001116545	1	Tube, Intake	
245	1001093248	1	Pipe, Exhaust	
246	Use 4640952	1	Valve, Oil Drain (was p/n 1001105872)	
247	4711400	12	Flatwasher 1/4in Narrow	
248	4711600	36	Flatwasher 3/8in Narrow	

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FIGURE 2-9. GM ENGINE INSTALLATION (CONTINUED)

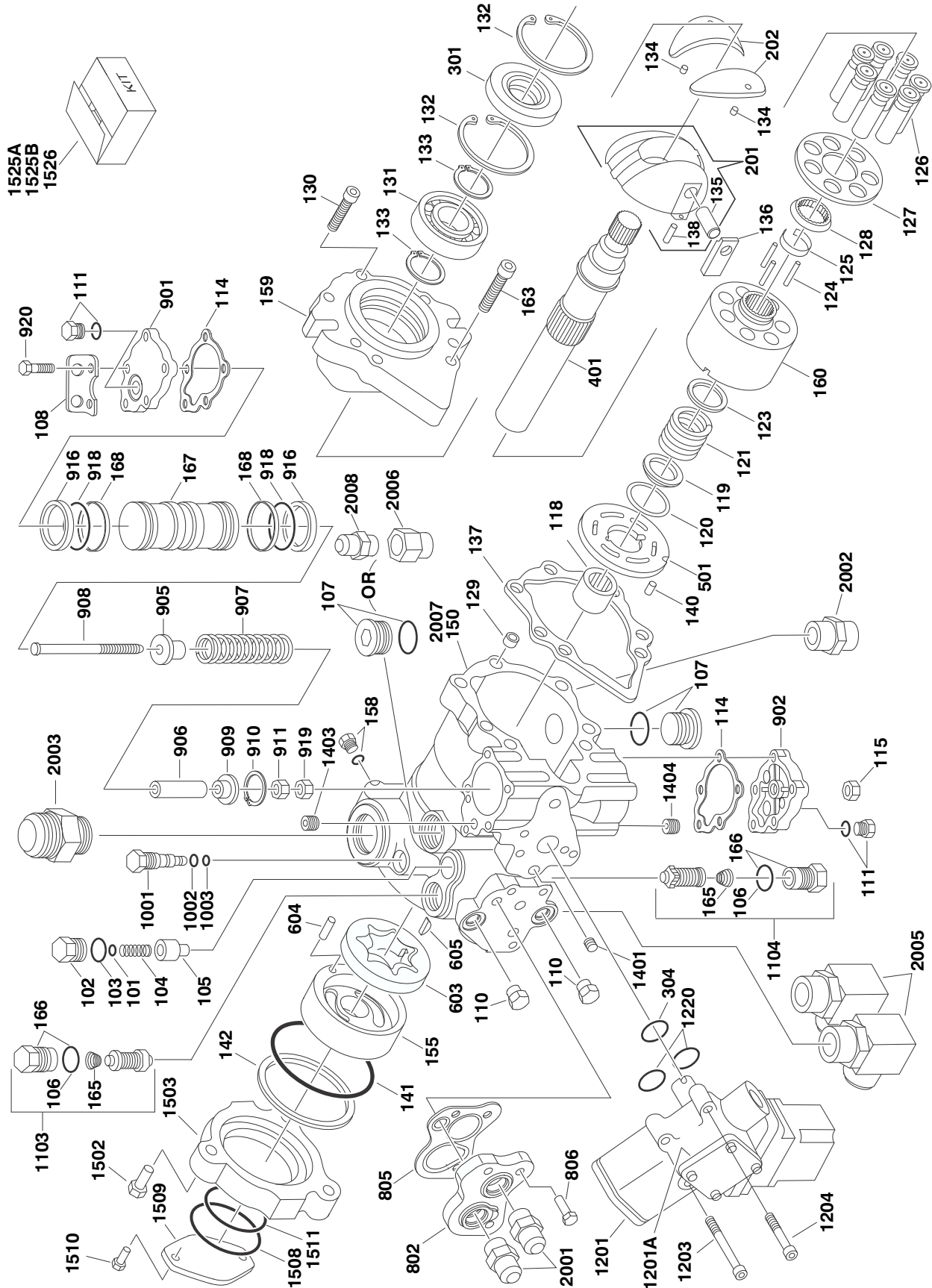
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
249	4740274	4	Flatwasher, Snubbing	
250	4751400	8	Flatwasher 1/4in Wide	
251	4751600	16	Flatwasher 3/8in Wide	
252	4751800	4	Flatwasher 1/2in Wide	
253	4791400	2	Starwasher 1/4in	
254	4831900	4	Lockwasher 8mm	
255	4920385	10ft/3m	Wire, Safety	
256	2180877	1	Fitting Elbow	
257	0641826	2	Bolt 1/2in-13NC x 3-1/4in	
258	2720271	18in/46cm	Hose	
259	0100062	AR	Retaining Compound (SN 0300173553 to SN 0300183033)	

FIGURE 2-9. GM ENGINE INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-10. PISTON PUMP ASSEMBLY (SAUER DANFOSS)



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FIGURE 2-10. PISTON PUMP ASSEMBLY (SAUER DANFOSS)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	3600295	Ref	PISTON PUMP ASSEMBLY	B
1 to 100	Not Used			
101	7007413	1	Shim Kit	
102	7007414	1	Plug	
103	See Note	1	O-Ring (Note: Use Item 1525A.)	
104	7021200	1	Spring, Relief Valve	
105	7007417	1	Valve, Relief	
106	See Note	2	O-Ring (Note: Use Item 1525A.)	
107	7007419	2	Plug	
108	7021201	1	Bracket, Lifting	
109	Not Used			
110	7007470	2	Plug	
111	7007470	2	Plug	
112 to 113	Not Used			
114	See Note	2	Gasket, Servo Cover (Note: Use Item 1525A.)	
115	7007423	1	Nut, Special	
116 to 117	Not Used			
118	7007425	1	Bearing, Needle	
119	Use 7010116	1	Ring, Retaining	
120	Use 7010116	1	Washer	
121	Use 7010116	1	Spring	
122	Not Used			
123	Use 7010116	1	Washer	
124	Use 7010116	1	Retainer	
125	Use 7010116	3	Pin, Slipper Holddown	
126	Use 7010116	7	Piston Assembly	
127	Use 7010116	1	Retainer, Slipper	
128	Use 7010116	1	Guide, Retainer	
129	7007435	1	Pin, Spring	
130	7021202	1	Screw, 12 Point Head	
131	7007437	1	Bearing, Ball	
132	7007438	2	Ring, Retainer	
133	7007439	2	Ring	
134	7021203	2	Pin, Spring	
135	7007441	1	Handle, Pin	
136	7007442	1	Sleeve, Bearing	
137	See Note	1	Gasket, Front Cover (Note: Use Item 1525A.)	
138	7021205	1	Pin	
139	Not Used			
140	7007446	1	Pin	
141	See Note	1	O-Ring (Note: Use Item 1525A.)	
142	See Note	1	Ring, Load Temper (Note: Use Item 1525A.)	
143 to 149	Not Used			
150	7023977	1	Housing, Pump	
151 to 154	Not Used			
155	7007452	1	Cover, Gerotor	
156 to 157	Not Used			
158	7007208	1	Plug	

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FIGURE 2-10. PISTON PUMP ASSEMBLY (SAUER DANFOSS)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
159	7007454	1	Cover, Front	
160 to 162	Not Used			
163	7021207	6	Screw	
164	Not Used			
165	7021208	2	Spring	
166	7021209	2	Plug, SCR	
167	7007494	1	Piston, Servo	
168	See Note	2	Bearing (Note: Use Item 1525A.)	
169 to 200	Not Used			
201	7007457	1	Swashplate Assembly (Includes Items 135 & 138)	
202	7021212	2	Journal, Bearing	
203 to 300	Not Used			
301	See Note	1	Seal, Lip (Note: Use Item 1525A.)	
302 to 303	Not Used			
304	See Note	1	O-Ring (Note: Use Item 1525A.)	
305 to 400	Not Used			
401	7021213	1	Shaft, Main Pump	
402 to 500	Not Used			
501	7021214	1	Plate, Valve	
502 to 602	Not Used			
603	7007463	1	Gerotor Assembly	
604	7007464	1	Pin	
605	7007465	1	Key, Woodruff	
606 to 801	Not Used			
802	7007466	1	Adaptor, Remote Filtration	
803 to 804	Not Used			
805	See Note	1	Seal, Filter Adapter (Note: Use Item 1525A.)	
806	7021218	3	Screw	
807 to 900	Not Used			
901	7021219	1	Cover, Servo	
902	7021220	1	Cover, Servo	
903 to 904	Not Used			
905	7007483	1	Guide, Spring	
906	7007484	1	Stop, Servo	
907	7007485	1	Spring	
908	7021221	1	Screw	
909	7007487	1	Guide, Spring	
910	7007488	1	Ring, Retaining	
911	7021222	1	Nut	
912 to 915	Not Used			
916	See Note	2	Ring, Piston (Note: Use Item 1525A or 1525B.)	
917	Not Used			
918	See Note	2	O-Ring (Note: Use Item 1525A or 1525B.)	
919	7021206	1	Nut	
920	7021223	10	Screw	
921 to 1000	Not Used			
1001	7007472	1	Valve, Bypass	
1002	See Note	1	Ring, Back-up (Note: Use Item 1525A.)	
1003	See Note	1	O-Ring (Note: Use Item 1525A.)	

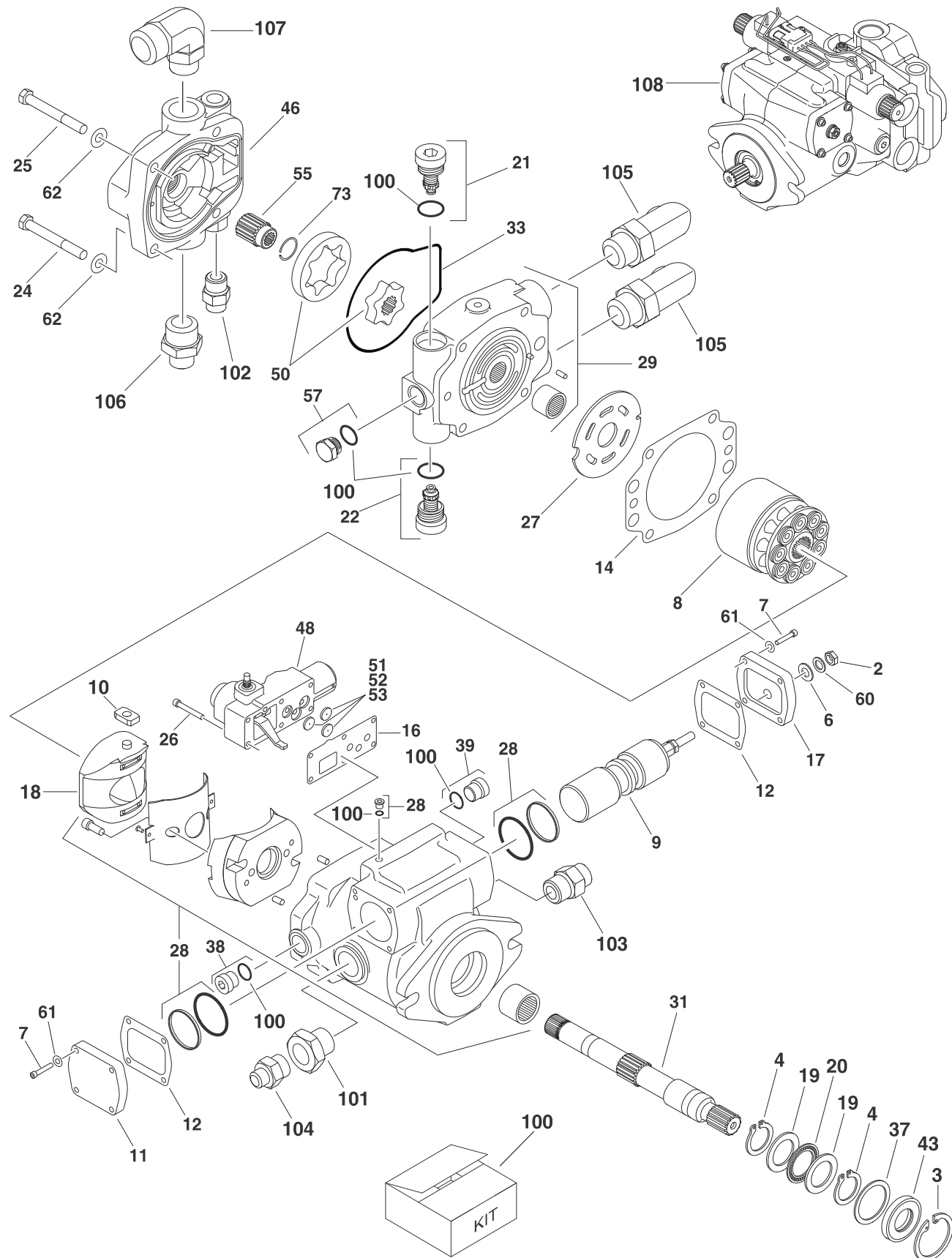
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FIGURE 2-10. PISTON PUMP ASSEMBLY (SAUER DANFOSS)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
1004 to 1102	Not Used			
1103	7010122	1	SCR Kit (Includes Items 166, 106 & 165)	
1104	7010122	1	SCR Kit (Includes Items 166, 106 & 165)	
1105 to 1200	Not Used			
1201	7007474	1	Control, Dual Oil-Filled	
	7007496	1	Coil Assembly (Pilot)	
	7007497	1	Plug (Pump)	
	7007498	1	Plug (Valve Harness)	
1201A	7024828	1	Gasket, Cover	
1202	Not Used			
1203	7007478	2	Screw	
1204	7001498	2	Screw	
1205 to 1219	Not Used			
1220	See Note	2	O-Ring (Note: Use Item 1525A.)	
1221 to 1400	Not Used			
1401	7007475	1	Plug, Orifice/Screen (.156)	
1402	Not Used			
1403	7021226	1	Plug, Orifice	
1404	7021226	1	Plug, Orifice	
1405 to 1501	Not Used			
1502	7007453	3	Screw	
1503	7021227	1	Adapter, Flange	
1504 to 1507	Not Used			
1508	7021228	1	O-Ring	
1509	7021229	1	Plate, Cover	
1510	7021230	2	Screw	
1511	7021231	1	O-Ring	
1512 to 1524	Not Used			
1525		1	Seal Kit Options:	
1525A	7021232		Seal Kit, Complete (Includes Items 103, 106, 114, 137, 141, 142, 168, 301, 304, 805, 916, 918, 1002, 1003 & 1220)	
1525B	7007412		Seal Kit, Servo Piston (Includes Items 916 and 918)	
1526	7010116	1	Cylinder Block Kit (Includes Items 119-128)	
	3600400	Ref	PISTON PUMP AND FITTING ASSEMBLY	C
2001	2220374	2	Fitting, Straight	
2002	2220451	1	Fitting, Straight	
2003	2220479	1	Fitting, Straight	
2004	Not Used			
2005	2220646	2	Fitting, Elbow	
2006	2220221	1	Fitting, Reducer	
2007	3600295	1	Pump Assembly (Includes Items 1 - 1511)	
2008	2220582	1	Fitting, Straight	

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FIGURE 2-11. PISTON PUMP ASSEMBLY (EATON)



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FIGURE 2-11. PISTON PUMP ASSEMBLY (EATON)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001142522	Ref	PUMP ASSEMBLY	B
1	Not Used			
2	Use 70004352	1	Nut	
3	Use 70004352	1	Ring, Retaining	
4	Use 70004352	2	Ring, Retaining	
5	Not Used			
6	Use 70004352	1	Washer, Seal	
7	70004330	8	Capscrew	
8	70004331	1	Cylinder Block Assembly	
9	70004332	1	Servo Piston Assembly	
10	70004333	1	Follower, Servo Piston	
11	70004334	1	Cover	
12	Use 70004352	2	Gasket, Cover	
13	Not Used			
14	Use 70004352	1	Gasket, Housing	
15	Not Used			
16	Use 70004352	1	Gasket, Control Housing	
17	70004335	1	Cover	
18	70004336	1	Camplate Assembly	
19	7004907	2	Race, Thrust	
20	7004908	1	Bearing, Thrust	
21	70004337	1	Relief Valve Assembly	
22	70004337	1	Relief Valve Assembly	
23	Not Used			
24	70004338	2	Capscrew	
25	70004338	2	Capscrew	
26	70004339	6	Capscrew	
27	70004340	1	Plate, Valve	
28	See Note	1	Housing (Note: Not Available for Purchase)	
29	70004341	1	End Cover Assembly	
30	Not Used			
31	70004342	1	Shaft, Drive	
32	Not Used			
33	Use 70004352	1	O-Ring	
34 to 36	Not Used			
37	7004906	1	Washer	
38	See Note	1	Plug (Note: Not Available for Purchase)	
39	See Note	1	Plug (Note: Not Available for Purchase)	
40 to 42	Not used			
43	Use 70004352	1	Seal, Shaft	
44 to 45	Not Used			
46	70004343	1	Adapter, Charge Pump	
47	Not Used			
48	70004344	1	Servo Control Assembly	
49	Not Used			
50	70004345	1	Gerotor	
51	70004346	1	Orifice	
52	70004346	1	Orifice	

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FIGURE 2-11. PISTON PUMP ASSEMBLY (EATON)

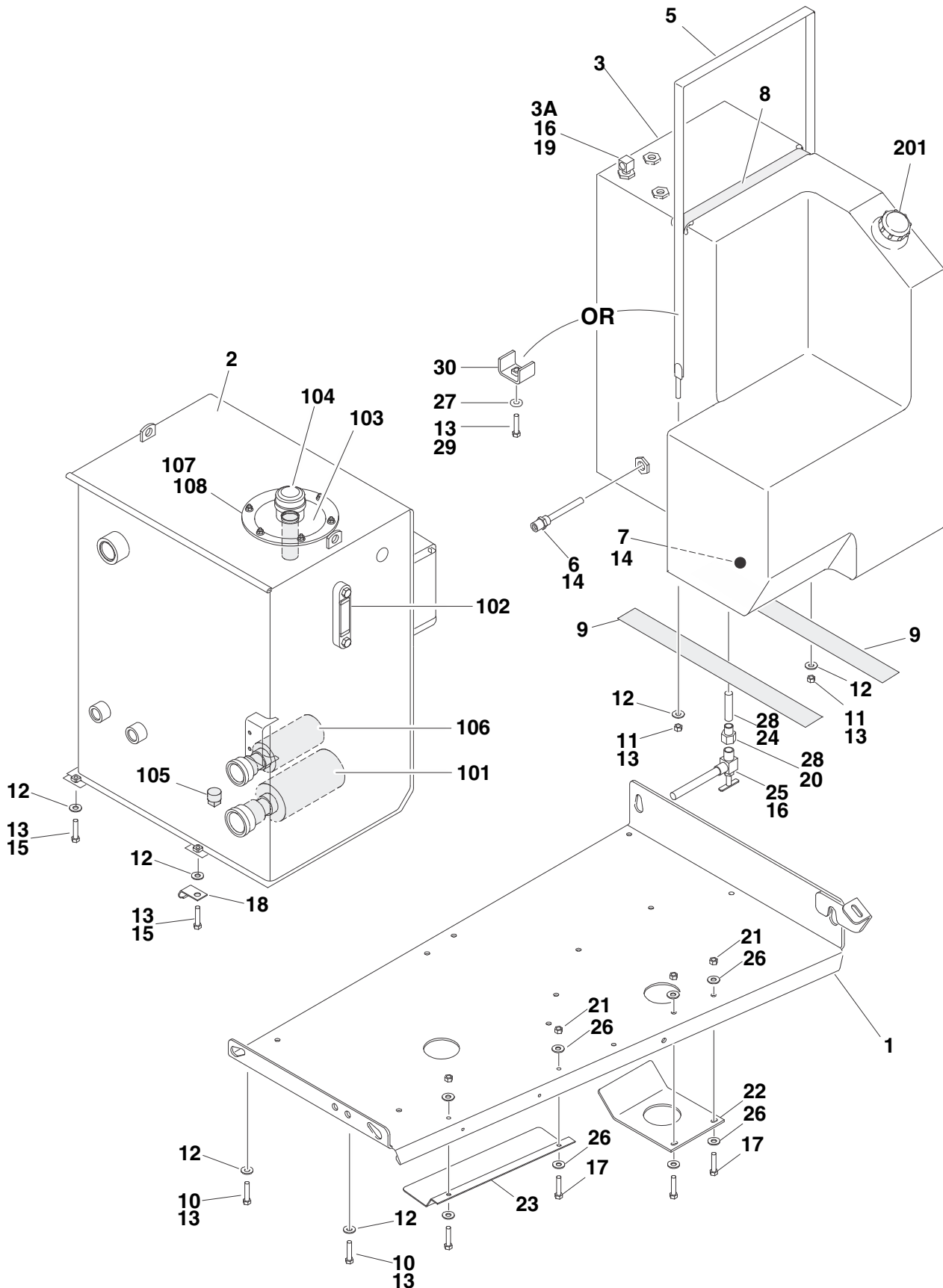
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
53	70004346	1	Orifice	B
54	Not Used			
55	70004347	1	Coupler	
56	Not Used			
57	See Note	2	Plug (Note: Not Available for Purchase)	
58 to 59	Not Used			
60	70004348	1	Washer	
61	70004349	8	Washer	
62	70004350	4	Washer	
63 to 72	Not Used			
73	70004351	1	Ring, Retaining -----	
100	70004352	1	Seal Kit - Pump (Includes Items 3,4,6,12,14,16,33 & 43 and Valve & Plug O-Rings & Seals)	
	1001153622	Ref	PUMP AND FITTING ASSEMBLY	
101	2220221	1	Fitting, Straight	
102	2220374	1	Fitting, Straight	
103	2220451	1	Fitting, Straight	
104	2220582	1	Fitting, Straight	
105	2220646	2	Fitting, Elbow	
106	2220800	1	Fitting, Straight	
107	8770050	1	Fitting, Elbow	
108	1001142522	1	Pump Assembly (Includes Items 1 - 73)	

FIGURE 2-11. PISTON PUMP ASSEMBLY (EATON)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-12. TANK INSTALLATIONS



SECTION 2 TURNTABLE

FIGURE 2-12. TANK INSTALLATIONS

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	TANKS INSTALLATION OPTIONS:	
	0258382	Ref	Diesel	H
		Ref	Gas	
	0270396	Ref	USA Built Machines SN 0300140585 to SN 0300141585	I
	1001116342	Ref	USA Built Machines SN 0300141585 to SN 0300183033 & China Built Machines SN B300000100 to Present.	B
1	1001091928	1	Tray Weldment	
2		1	Hydraulic Tank Assy Options (See Items 101-108 for Breakdown):	
	4400452	NLA	USA Built Machines SN 0300140000 to SN 0300180194 & China Built Machines SN B300000100 to SN B300000859 (Use p/n 1001161901)	
	1001161901	1	USA Built Machines SN 0300180194 to SN 0300183033 & China Built Machines SN B300000859 to Present	
3		1	Tank, Fuel (Includes Non-Locking Cap)	
	4400400		Diesel	
			Gas Options:	
	1001091562	NLA	USA Built Machines SN 0300140585 to SN 0300141585 (Use p/n 1001117052)	
	1001111514		USA Built Machines SN 0300141585 to SN 0300183033 & China Built Machines SN B300000100 to Present	
3A		1	Fitting and Pick-up Tube Options:	
	7019658		4400400 Tank	
	70004184		1001091562 Tank	
	70004149		1001111514 Tank	
4	Not Used			
5	4240113	1	Strap, Tank	
6	4360436	1	Switch, Fuel Level	
7	2200222	1	Fitting (Diesel Only)	
8	4280295	25in/44cm	Strip, Protective (Diesel Only)	
9	4420038	70in/1.78m	Tape, Rubber	
10	0641614	6	Bolt 3/8in-16NC x 1-3/4in	
11	3311601	2	Nut 3/8in-16NC (Diesel Only)	
12	4751600	AR	Flatwasher 3/8in	
13	0100011	AR	Compound, Locking	
14	0100079	AR	Sealant	
15	0641607	4	Bolt 3/8in-16NC x 7/8in	
		Ref	Note: Items 16 - 30 Used on Gas Machines Only.	
16	0100020	AR	Sealant, Pipe	
17	0641508	4	Bolt 5/16in-18NC x 1in	
18	1320223	1	Clamp	
19	2200233	1	Plug	
20	2221270	1	Fitting, Brass	
21	3311505	4	Locknut 5/16in-18NC	
22	3572423	1	Plate, Valve, Needle	
23	3576755	1	Cover, Fuel Pump	
24	4568119	1	Tube, Fuel	
25	4641022	1	Valve, Needle	
26	4711500	8	Flatwasher 5/16in	

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FIGURE 2-12. TANK INSTALLATIONS (CONTINUED)

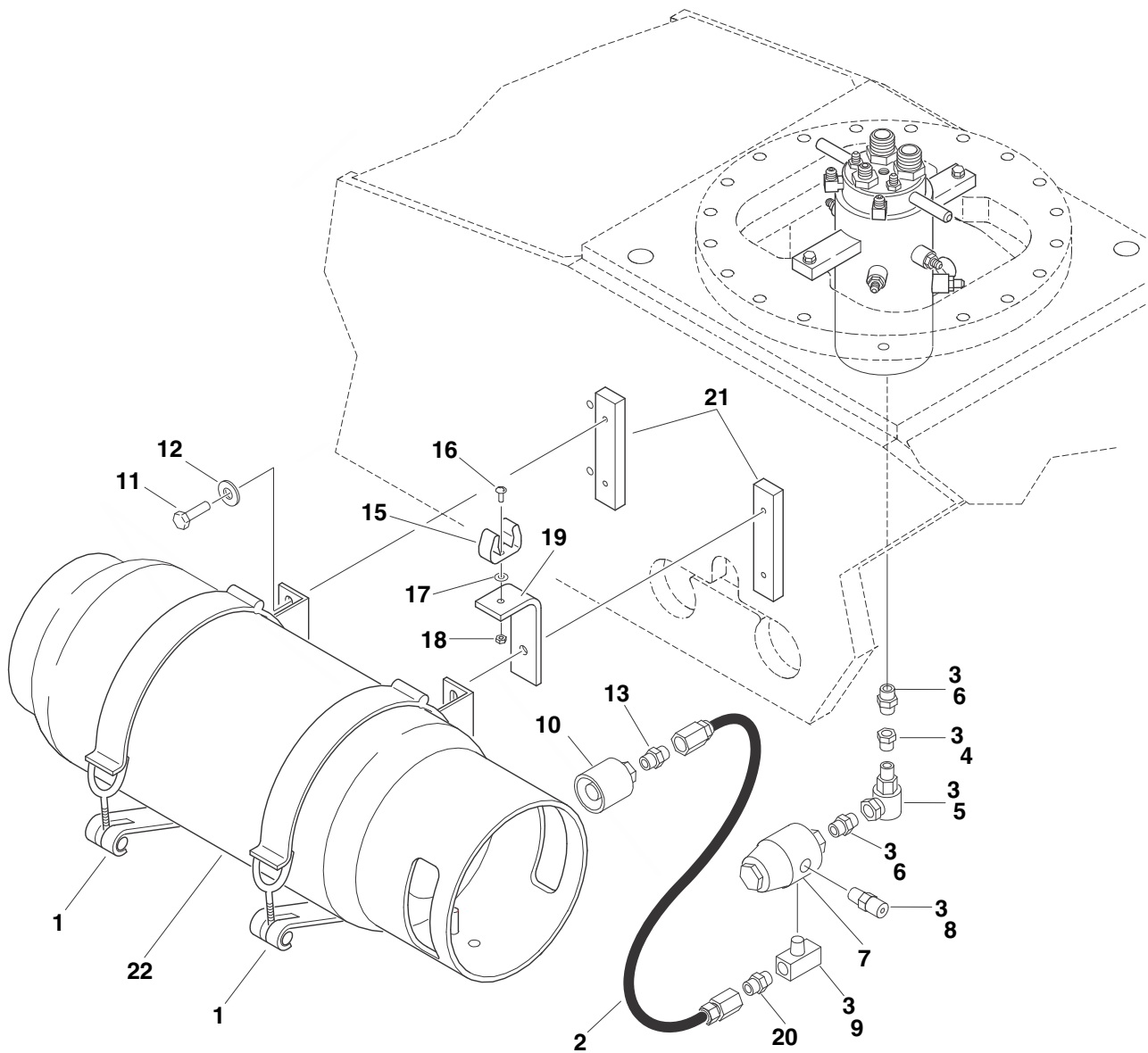
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
27	4751800	2	Flatwasher 1/2in	
28	0100062	AR	Retaining Compound	
29	0641818	2	Bolt 1/2in-13NC x 2-1/4in	
30	1001118133	2	Bracket, Tank Clamping (USA Built Machines SN 0300141585 to SN 0300183033 & China Built Machines SN B300000100 to Present)	
		Ref	HYDRAULIC TANK ASSEMBLIES	
	4400452	Ref	USA Built Machines SN 0300140000 to SN 0300180194 & China Built Machines SN B300000100 to SN B300000859	E
	1001161901	Ref	USA Built Machines SN 0300180194 to SN 0300183033 & China Built Machines SN B300000859 to Present	B
101	7024481	1	Strainer, 1-1/2NPT for 4400452 Tank	
101	Not Required	0	Strainer for 1001161901 Tank	
102	7024441	1	Gauge, Sight	
103	7024443	1	Neck, Fill	
103	7024445	1	Screen	
104	7024444	1	Breather/Fill Cap	
105	7024446	1	Plug, Magnetic	
106	7024442	1	Strainer 1-1/4NPT for 4400452 Tank	
106	Not Required	0	Strainer for 1001161901 Tank	
107	7024439	1	Cover for 4400452 Tank	
107	Not Available	1	Cover for 1001161901 Tank	
108	7024440	1	Gasket for 4400452 Tank	
108	Not Available	1	Gasket for 1001161901 Tank	
		Ref	FUEL TANK CAP INSTALLATION	
201		1	Cap Options: Standard Non-Locking Options (Part of Item 3): Diesel Machines Gas Machines with OEM Tank (Mounts with Item 5 Strap) (USA Built Machines SN 0300140000 to SN 0300141585) Gas Machines with Service Replacement Tank (Mounts with Item 18 Bracket) (USA Built Machines SN 0300140000 to SN 0300141585) Gas Machines (USA Built Machines SN 0300141585 to SN 0300183033 & China Built Machines SN B300000100 to Present) Optional Lockable (Diesel Machines)	
	7016314			
	70001103			
	70002716			
	70002716			
	1120487			

FIGURE 2-12. TANK INSTALLATIONS (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-13. LP TANK INSTALLATIONS (GM ENGINE MACHINES ONLY)



SECTION 2 TURNTABLE

FIGURE 2-13. LP TANK INSTALLATIONS (GM ENGINE MACHINES ONLY)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0255524	Ref	LP TANK AND BRACKETS INSTALLATION	9/F
1	1320220	2	Clamp Kit - LP	
	1320127	2	Clamp, Toggle (1 Per Clamp)	
2	2720144	2	Hose	
3	0100020	AR	Sealant, Pipe	
4	2221197	1	Fitting, Reducer	
5	2180125	1	Fitting - Elbow	
6	2220261	2	Fitting, Nipple	
7	2180388	1	Filter, Bulkhead	
8	2180389	1	Valve, Relief	
9	2220418	1	Fitting, Tee	
10	2180387	2	Fitting, LP Tank	
11	0641606	8	Bolt 3/8in-16NC x 3/4in	
12	4751600	8	Flatwasher 3/8in	
13	2180418	2	Fitting, Straight	
14	Not Used			
15	1320218	2	Clamp, Spring	
16	3910808	2	Screw, Machine #8-32NC x 1/2in	
17	4750800	4	Flatwasher #8	
18	3310805	2	Locknut #8-32NC	
19	0181949	2	Support, Angle	
20	2221024	2	Fitting, Ball Check	
21	0362519	4	Bar, Clamp	
22		1	LP Tank Options:	
	4400275		Aluminum	
	4400420		Steel	

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FIGURE 2-14. ROTARY COUPLING INSTALLATION

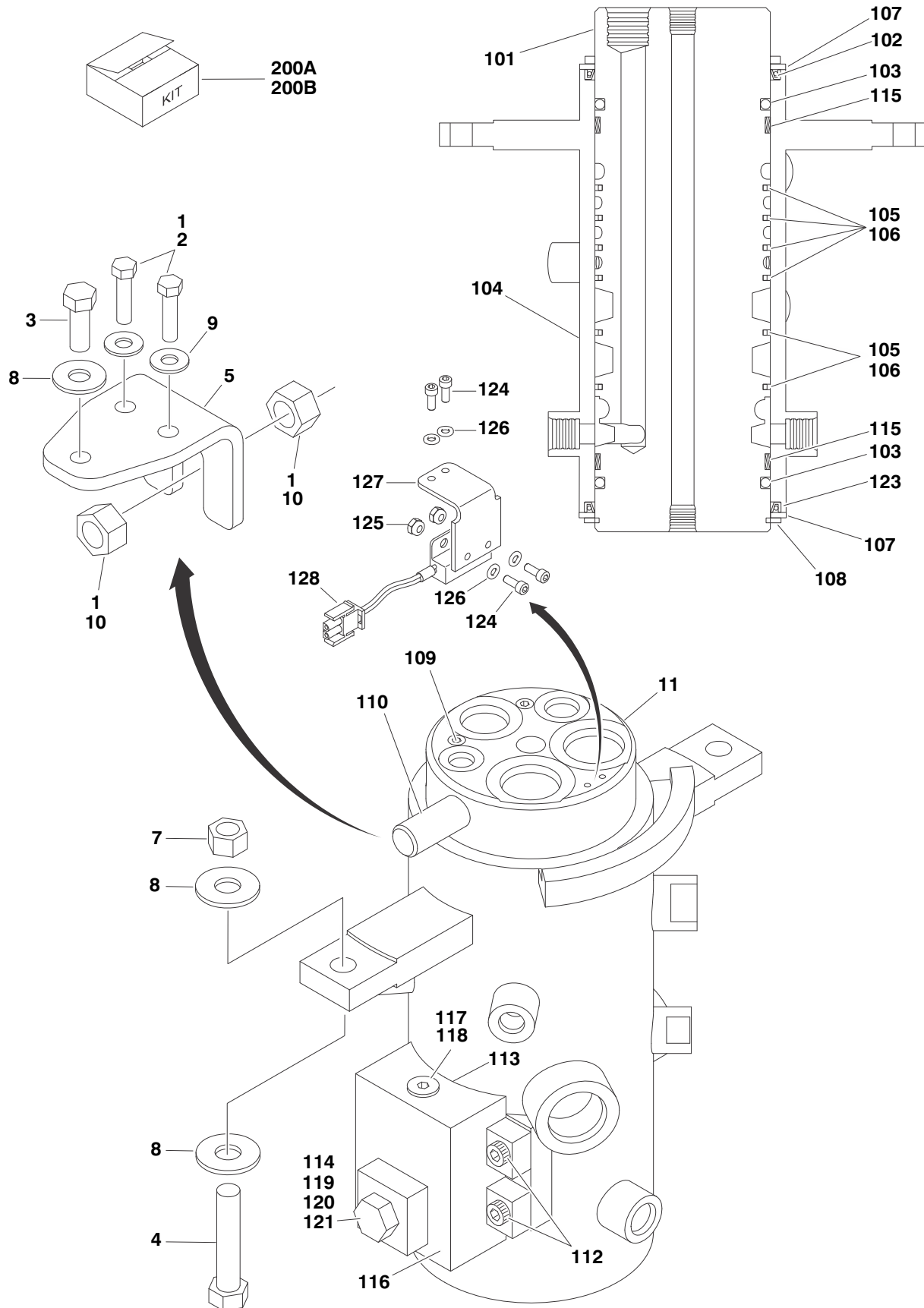


FIGURE 2-14. ROTARY COUPLING INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	ROTARY COUPLING INSTALLATION	
	1001107529	Ref	2WS	A
	1001107530	Ref	4WS	A
1	0100011	AR	Compound, Locking	
2	0641611	2	Bolt 3/8in-16NC x 1-3/8in	
3	0641812	1	Bolt 1/2in-13NC x 1-1/2in	
4	0641820	2	Bolt 1/2in-13NC x 2-1/2in	
5	0903056	1	Bracket	
6	Not Used			
7	3271805	2	Locknut 1/2in-13NC	
8	4751800	5	Flatwasher 1/2in	
9	4891600	2	Flatwasher 3/8in Hardened	
10	3322201	2	Locknut 3/4in x 16NF	
11		1	Coupling, Rotary Options (See Items 101-128 for Breakdown):	
	1001106974		2WS	
	1001106975		4WS	
		Ref	ROTARY COUPLING ASSEMBLY	
	1001106974		2WS	B
	1001106975		4WS	B
101	See Note	1	Body (Note: Not Available - Purchase Complete Assy.)	
102		1	Seal Options:	
	Use 70001248		2WS	
	Use 70002212		4WS	
103	See Note	2	O-Ring (Note: Use Item 200A or 200B)	
104	See Note	1	Housing (Note: Not Available - Purchase Complete Assy.)	
105		AR	Seal, Cap	
	Use 70001248	6	2WS	
	Use 70002212	9	4WS	
106		AR	O-Ring	
	Use 70001248	6	2WS	
	Use 70002212	9	4WS	
107		2	Ring Options:	
	7026503		2WS	
	7026511		4WS	
108		1	Ring, Retaining Options:	
	7026504		2WS	
	7013189		4WS	
109		AR	Plug Options:	
	80934561	2	2WS	
	80934561	4	4WS	
110	See Note	1	Lug, Torque (Note: Not Available for Purchase.)	
111	Not Used			
112	7026197	4	Bolt 5/16in-18NC x 1-1/4in	
113	See Note	3	O-Ring (Note: Use Item 200A or 200B)	
114	See Note	1	O-Ring (Note: Use Item 200A or 200B)	
115	See Note	2	Bearing (Note: Use Item 200A or 200B)	

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FIGURE 2-14. ROTARY COUPLING INSTALLATION (CONTINUED)

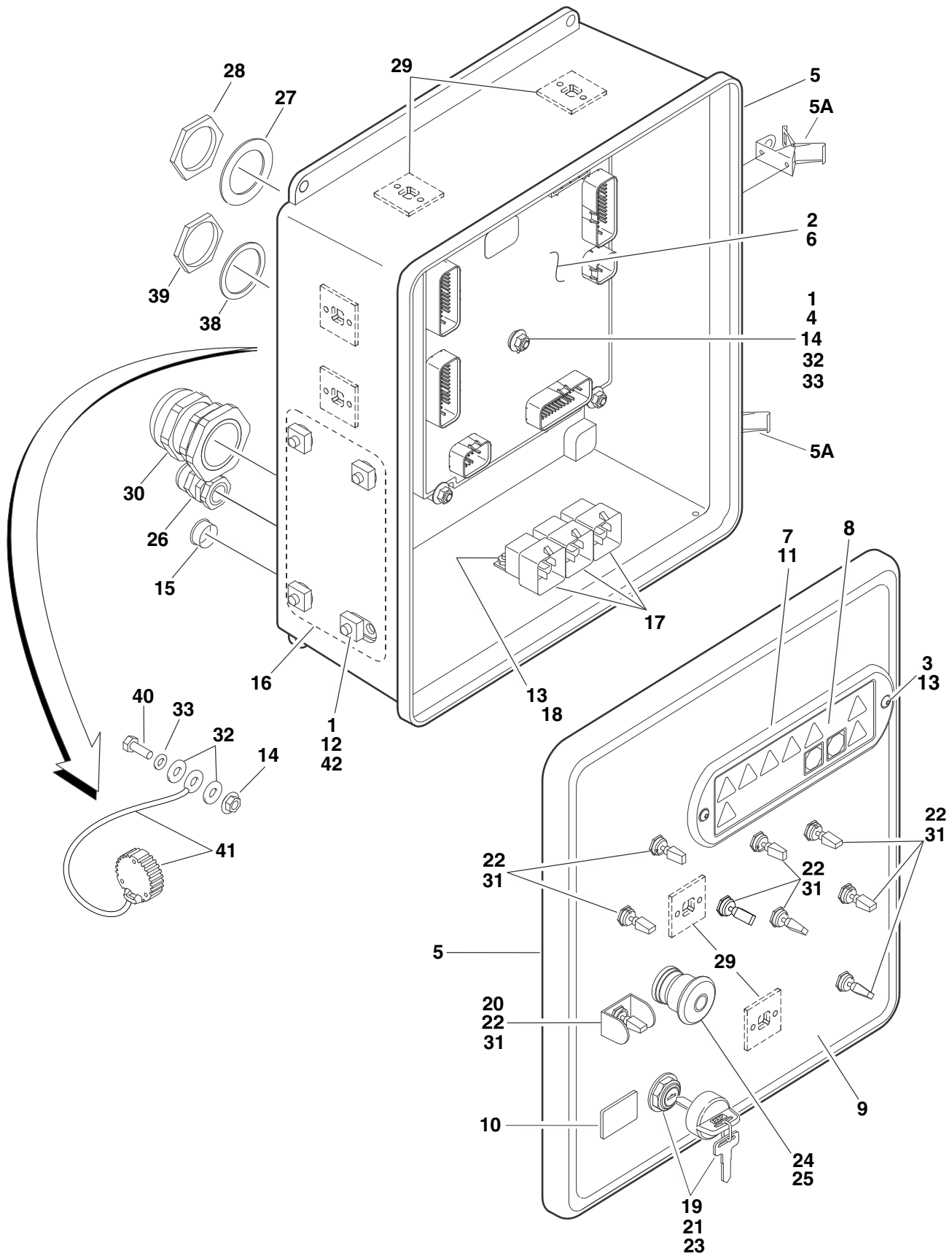
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
116	7024404	1	Block Valve Assembly	
117	7026505	1	Plug	
118	7026506	1	Valve, Check	
119	7026507	1	Plug	
120	Use p/n 7024404	1	Plunger, Valve	
121	7026509	1	Spring, Compression	
122	See Note	AR	Protective Netting (Not Shown) (Note: Not Available for Purchase.)	
123		1	Seal Options:	
	Use 70001248		2WS	
	Use 70002212		4WS	
124	See Note	4	Screw, Socket Head #10-24NC x 1/2in (Note: Not Available for Purchase.)	
125	See Note	2	Locknut #10-24NC (Note: Not Available for Purchase.)	
126	See Note	4	Flatwasher #10 (Note: Not Available for Purchase.)	
127	70003454	1	Bracket, Switch Mounting	
128	4360517	1	Switch, Proximity	
129 to 199	Not Used			
200		1	Seal Kit Options:	
200A	70001248		2WS (Includes Items 102,103,105,106,113,114,115 & 123)	
200B	70002212		4WS (Includes Items 102,103,105,106,113,114,115 & 123)	

FIGURE 2-14. ROTARY COUPLING INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-15. GROUND CONTROL BOX ASSEMBLY



SECTION 2 TURNTABLE

FIGURE 2-15. GROUND CONTROL BOX ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	GROUND CONTROL BOX ASSEMBLIES	
		Ref	All Specs Except Australian & CE Specs	
	1001110317	Ref	800A with Caterpillar Engine	B
	1001110318	Ref	800AJ with Caterpillar Engine	C
	1001110313	Ref	800A with Deutz Engine	B
	1001110314	Ref	800AJ with Deutz Engine	B
	1001110311	Ref	800A with GM Engine	A
	1001110312	Ref	800AJ with GM Engine	A
		Ref	CE Specs	
	1001110319	Ref	800A with Caterpillar Engine	B
	1001110320	Ref	800AJ with Caterpillar Engine	B
	1001110315	Ref	800A with Deutz Engine	B
	1001110316	Ref	800AJ with Deutz Engine	B
		Ref	Australian CE Specs	
		Ref	800AJ with Caterpillar Engine Options:	
	1001110320	Ref	USA Built Machines SN 0300140000 to SN 0300149103 & China Built Machines SN B300000100 to SN B300000276	B
	1001110318	Ref	USA Built Machines SN 0300149103 to SN 0300183033 & China Built Machines SN B300000276 to Present	C
		Ref	800AJ with Deutz Engine Options:	
	1001110316	Ref	USA Built Machines SN 0300140000 to SN 0300149103 & China Built Machines SN B300000100 to SN B300000276	B
	1001110314	Ref	USA Built Machines SN 0300149103 to SN 0300183033 & China Built Machines SN B300000276 to Present	B
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0630518	2	Capscrew, Button Head	
4	0630548	5	Bolt, 2-1/2in Tap	
5	1001110199	1	Box, Fiberglass	
5A	7020246	2	Latch	
6	1001103667	1	Module, Ground Control	
7	1670829	1	Bezel	
8	1706712	1	Decal - Ground Control Display	
9		1	Decal - Faceplate Options:	
	1001102599		800A	
	1001102600		800AJ	
10	2420172	1	Gauge, Hourmeter	
11	2760105	1	Housing, Display Light	
12	3300205	4	Nut, Retainer	
13	3300408	AR	Locknut, Plastic Insert	
14	77143013	11	Nut 1/4in-20NC	
15	3520035	1	Plug, Cap	
16	3539219	1	Plate, Reinforcement	
17	3740049	AR	Relay Options:	
		3	Caterpillar Engine Machines	
		2	Deutz & GM Engine Machines	
18	3900268	AR	Screw, Flange #10 x 1/2in	
19	3910804	6	Screw #8-32NC x 1/4in	
20	4060906	1	Shield, Toggle Switch	

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FIGURE 2-15. GROUND CONTROL BOX ASSEMBLY (CONTINUED)

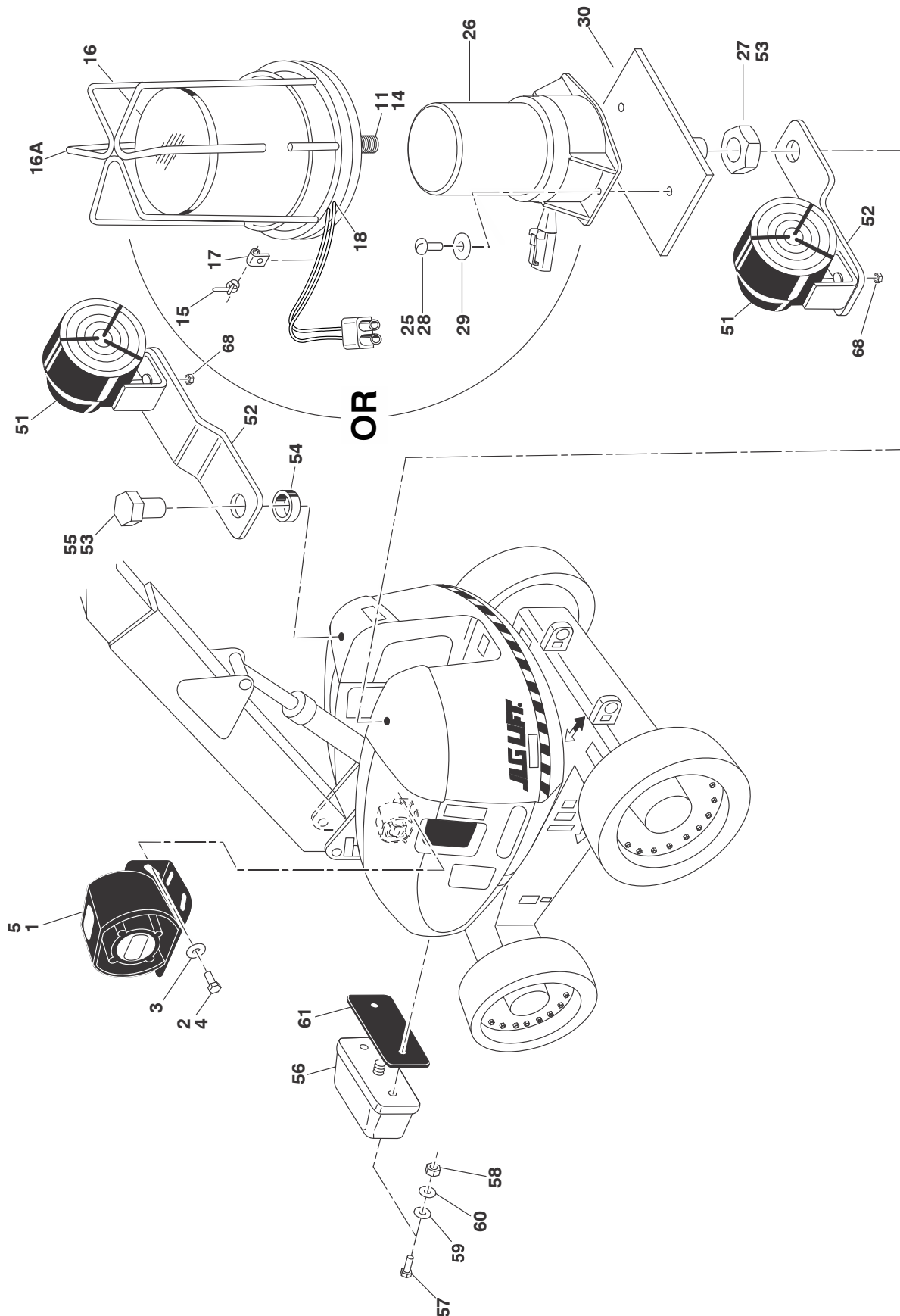
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
21	4070987	1	Shim (.015in)	
22	4360328	AR	Switch, Toggle	
		8	800A	
		9	800AJ	
23		1	Switch, Key Options:	
	4360469		All Specs Except Australian & CE Specs	
	4360470		CE Specs	
			Australian CE Specs	
	4360470	1	USA Built Machines SN 0300140000 to SN 0300149103 & China Built Machines SN B300000100 to SN B300000276	
	4360469	1	USA Built Machines SN 0300149103 to SN 0300183033 & China Built Machines SN B300000276 to Present	
	2860030	1	Key Replacement	
24	4360475	1	Switch, Emergency Stop	
	7020175	1	Cap, Mushroom	
	7020176	1	Block, Contact	
25	4360476	1	Switch, Contact Block	
26	4460426	1	Connector, Strain Relief	
27	4460470	1	Nut, Terminal	
28	4460471	1	Lockwasher, Terminal	
29	4460488	6	Mounting Base, Terminal	
30	4460526	1	Connector, Strain Relief	
31	4740444	AR	Washer, Special	
32	4751400	12	Flatwasher 1/4in	
33	4761400	6	Lockwasher 1/4in	
34	4922557	1	Harness, Valve (Not Shown - See ELECTRICAL SECTION for Breakdown)	
35		1	Harness, Engine Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	
	1001110324		Caterpillar Engine Machines	
	1001110222		Deutz Engine Machines	
	1001110221		GM Engine Machines	
36	1001110225	1	Harness, Ground Control Box Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	
37		1	Ground Control Box Wiring Diagram (Not Shown - See ELECTRICAL SECTION for Breakdown)	
	1001110323		Caterpillar Engine Machines	
	1001110322		Deutz Engine Machines	
	1001110321		GM Engine Machines	
38	4460496	1	Lockwasher, Terminal	
39	4460497	1	Nut, Terminal	
40	0641407	1	Bolt 1/4in-20NC x 7/8in	
41	1001106736	1	Cap, Dust	
42	0641506	4	Bolt 5/16in-18NC x 3/4in	

FIGURE 2-15. GROUND CONTROL BOX ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-16. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED)



SECTION 2 TURNTABLE

FIGURE 2-16. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	ELECTRICAL OPTIONS INSTALLATIONS (TURNTABLE MOUNTED)	
	0258674	Ref	ALARMS INSTALLATIONS	C
1	0257887	1	Alarm/Harness Assembly	
	0140032	1	Alarm	
	2820035	6in/15cm	Loom	
	4460424	1	Plug	
	4460268	2	Socket	
2	0641508	2	Bolt 5/16in-18NC x 1in	
3	4711500	2	Flatwasher 5/16in Narrow	
4	0100011	AR	Compound, Locking	
5	0100048	AR	Sealant, Silicone	
6 to 10	Not Used			
	0271422	Ref	STROBE LIGHT INSTALLATIONS (AMBER) (OPTIONAL) (USA BUILT MACHINES SN 0300140000 TO SN 0300171629 & CHINA BUILT MACHINES SN B300000100 TO SN B300000766)	C
		Ref	Note: If machine is equipped with BLUE Strobe Light, see Section 10 SkyGuard Kit.	
11		1	Adapter Options:	
	0630491	1	Adapter - Used with ECCO Model 6640 Only	
	0080241	1	Adapter - Used with ECCO Model 6650 Only	
12 to 13	Not Used			
14	0100011	AR	Compound, Locking	
15	4240032	1	Wire-Tile	
16	Use 0272507	1	Strobe Light/Guard/Harness Assembly (Includes items 11 & 16A)	
		1	Bulb, Replacement Options:	
	7016380		Bulb - for ECCO Model 6640	
	70001941		Bulb - for ECCO Model 6650	
16A		1	Guard Options:	
	4060907		Guard - Used with ECCO Model 6640	
	2920215		Guard - Used with ECCO Model 6650	
17	4460234	1	Clamp	
18	0100048	AR	Sealant, Silicone	
19 to 24	Not Used			

SECTION 2 TURNTABLE

FIGURE 2-16. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED)

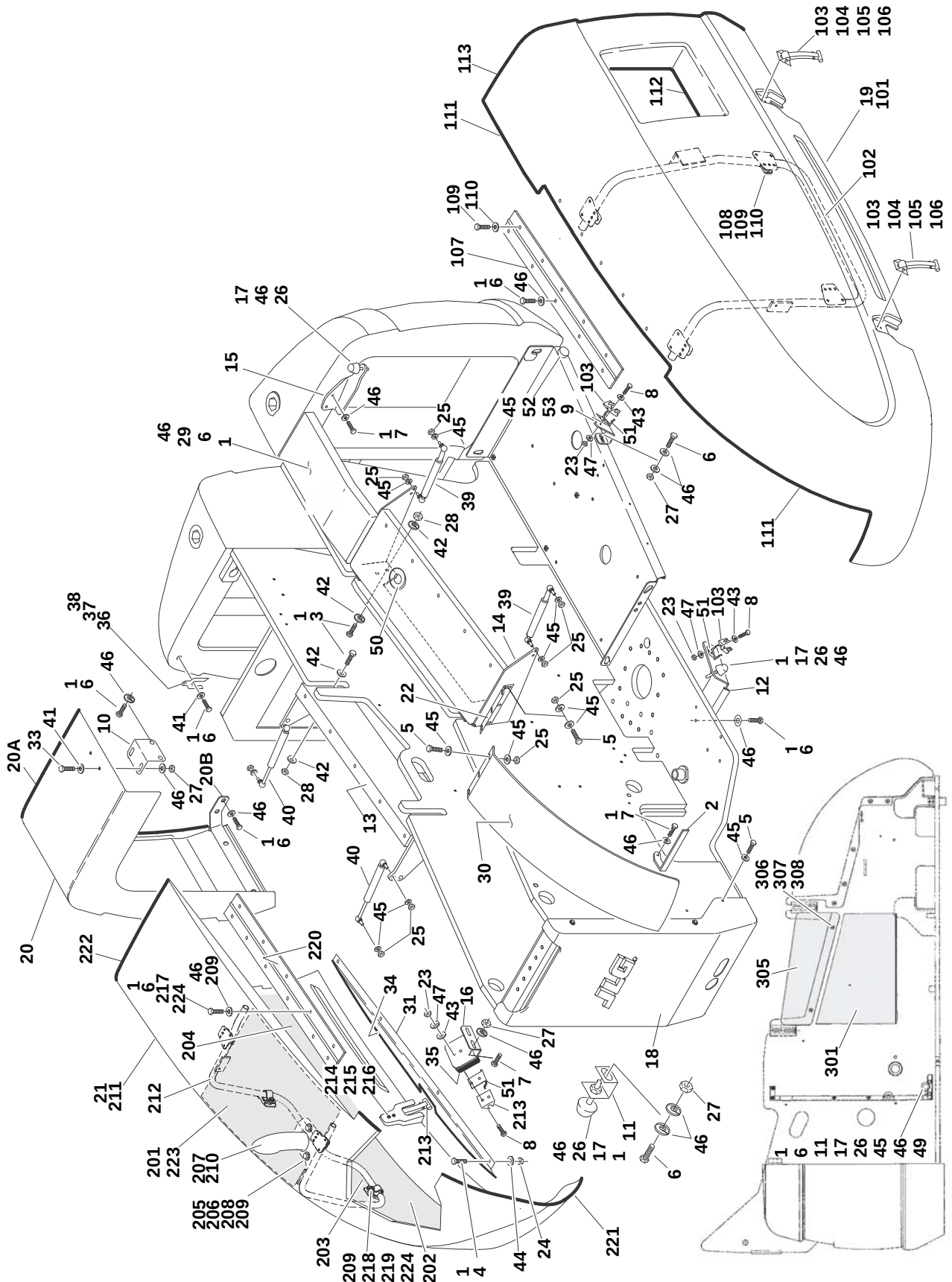
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001150406	Ref	STROBE LIGHT INSTALLATION (AMBER) (OPTIONAL) (USA BUILT MACHINES SN 0300171629 TO PRESENT& CHINA BUILT MACHINES SN B300000766 TO PRESENT) Note: If machine is equipped with BLUE Strobe Light, see Section 10 SkyGuard Kit.	A
		Ref		
25	0100035	AR	Compound, Locking	
26	2920161	1	Strobe Light/Harness Assembly	
	7016319	1	Bulb	
	7016372	1	Lens	
27	3312602	1	Nut, Jam 1in-8NC	
28	3900085	2	Screw #10-32 x 1/2in	
29	4751000	2	Flatwasher 1/4in Thin	
30	1001149994	1	Mount Strobe	
31 to 50	Not Used			
	0271768	Ref	LIGHTS INSTALLATIONS (OPTIONAL)	D
51	2920110	2	Headlight	
52	0902206	2	Bracket, Mounting	
53	0642612	1	Bolt 1in-8NC x 1-1/2in	
54	4220162	2	Spacer (USA Built Machines SN 030014000 to SN 0300184392 & China Built Machines SN B300000100 to SN B300000869)	
54	4892600	2	Washer 1in Hardened (USA Built Machines SN 0300184392 to SN 0300183033 & China Built Machines SN B300000869 to Present)	
55	0100011	AR	Compound, Locking	
56	2920113	2	Taillight	
57	3911040	4	Screw, Machine #10-24NC x 2-1/2in	
58	3311005	4	Nut #10-24NC	
59	4751000	4	Flatwasher #10	
60	4740362	4	Washer, Fender	
61	3960461	2	Gasket	
62	Not Used			
63	4240032	12	Tie-Strap (Not Shown)	
64	4460234	12	Mount, Tie-Strap (Not Shown)	
65	4360522	1	Switch, Toggle Options (Not Shown - Located on Console):	
66	Not Used			
67	1705170	1	Decal, Lights (Not Shown)	
68	3311605	2	Locknut 3/8-16	

FIGURE 2-16. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-17. HOODS INSTALLATION (ABS)



SECTION 2 TURNTABLE

FIGURE 2-17. HOODS INSTALLATION (ABS)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	HOODS INSTALLATION	
	0274759	Ref	Caterpillar Engine Machines	G
	1001099137	Ref	Deutz Engine Machines	C
	0275546	Ref	GM Engine Machines	G
1	0100011	AR	Compound, Locking	
2	0362770	1	Bar, Panel Mounting	
3	0630507	8	Bolt, Carriage 1/2in-13NC x 1-1/4in	
4	0641406	4	Bolt 1/4in-20NC x 3/4in	
5	0641506	AR	Bolt 5/16in-18NC x 3/4in	
	0641508	AR	Bolt 5/16in-18NC x 1in	
6	0641608	22	Bolt 3/8in-16NC x 1in	
7	0641609	5	Bolt 3/8in-16NC x 1-1/8in	
8	0721006	6	Screw #10-24NC x 3/4in	
9	0902143	1	Bracket, Latch (Tank Side)	
10	0902161	1	Bracket, Hood Spacer Mounting (Engine Side)	
11	0902219	2	Bracket, Bumper	
12	0902223	1	Bracket, Latch (Tank Side)	
13	0902351	1	Bracket, Hood Mounting (Engine Side)	
14	0902412	1	Bracket, Hood Mounting (Tank Side)	
15	0902426	1	Bracket, Bumper - Counterweight Mounted	
16	0902491	1	Bracket, Latch (Engine Side)	
17	0940071	4	Bumper	
18	1670842	1	Cover, Turntable End	
19	1671228	1	Hood Assembly - Tank Side (see Items 101-113 for Breakdown)	
		Ref	Note: Replacement decals must be ordered separately - See DECAL SECTION.	
20	1671233	1	Spacer Assembly	
20A	3960453	68in/1.73m	Seal	
20B	0903308	1	Bracket	
21		1	Hood Assembly - Engine Side Options (see Items 201-224 for Breakdown):	
		Ref	Note: Replacement decals must be ordered separately - See DECAL SECTION.	
	1671249		Caterpillar Engine Machines	
	1001099138		Deutz Engine Machines	
	1001117045		GM Engine Machines	
22	2600244	1	Adapter, Panel Hinge	
23	3311001	6	Nut #10-24NC	
24	3311405	4	Locknut 1/4in-20NC	
25	3311505	9	Locknut 5/16in-18NC	
26	3311601	AR	Nut 3/8in-16NC	
27	3311605	7	Locknut 3/8in-16NC	
28	3311805	8	Locknut 1/2in-13NC	
29	3380442	1	Cover, Top (Tank Side)	
30	3380444	1	Panel, Adapter	
31	3571712	1	Plate, Seal	
32	Not Used			
33	3900232	2	Screw, Button Head 3/8in-16NC x 1-1/4in	

SECTION 2 TURNTABLE

FIGURE 2-17. HOODS INSTALLATION (ABS) (CONTINUED)

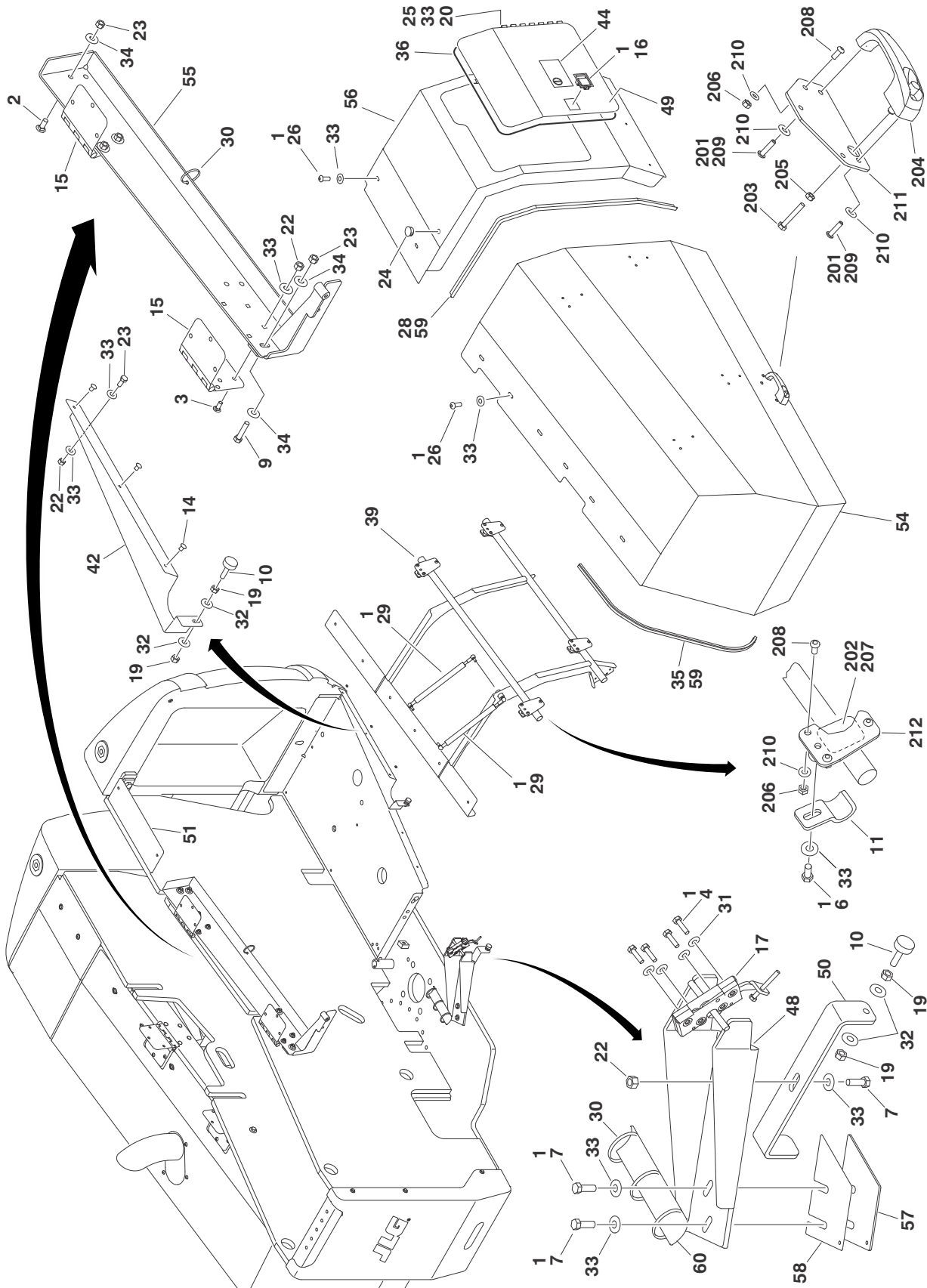
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
34	3960389	3.5ft/1m	Seal	A
35	3960470	1	Seal, Latch	
36	4070410	AR	Shim 1/16in	
37	4070411	AR	Shim 1/8in	
38	4070412	AR	Shim 3/16in	
39	4160139	2	Spring, Gas (Tank Side)	
40	4160143	1	Spring, Gas (Engine Side)	
41	4740076	5	Washer, Fender	
42	4740171	8	Washer, Hardened	
43	4751000	6	Flatwasher #10	
44	4751400	4	Flatwasher 1/4in	
45	4751500	AR	Flatwasher 5/16in	
46	4751600	AR	Flatwasher 3/8in	
47	4761000	6	Lockwasher #10	
48	Not Used			
49	3321501	2	Nut 5/16in-24NF	
50	1120601	1	Cap, Plug	
51	2940188	3	Latch, Spring Clip	
52	0940049	1	Stopper, Hood	
53	3311501	2	Nut 5/16in-18NC	
	1671228	Ref	HOOD ASSEMBLY (TANK SIDE)	
101	1671231	1	Hood	
102	1671232	1	Frame, Tubular	
103	2940088	2	Latch	
104	0721008	4	Screw, Machine #10-24NC x 1in	
105	4751000	4	Flatwasher #10	
106	3311005	4	Locknut #10-24NC	
107	2600233	1	Hinge	
108	1321384	4	Hold Down	
109	0641606	9	Bolt 3/8in-16NC x 3/4in	
110	4711600	9	Flatwasher 3/8in Narrow	
111	3960464	83in/2.11m	Seal	
112	3960438	55in/1.4m	Seal	
113	3960462	53in/1.35m	Seal	
		Ref	HOOD ASSEMBLIES (ENGINE SIDE)	D B A
	1671249	Ref	Caterpillar Engine Machines	
	1001099138	Ref	Deutz Engine Machines	
	1001117045	Ref	GM Engine Machines	
201		1	Insulation/Foam Options:	
	1001101391		Caterpillar Engine	
	1001101673		Deutz Engine	
	1001117139		GM Engine	
202	2820233	1	Insulation, Rear Sound (Caterpillar/Deutz Engine Only)	
203	2820234	1	Insulation, Center Sound (Caterpillar/Deutz Engine Only)	
204	2820235	1	Insulation, Rear Sound (Caterpillar/Deutz Engine Only)	

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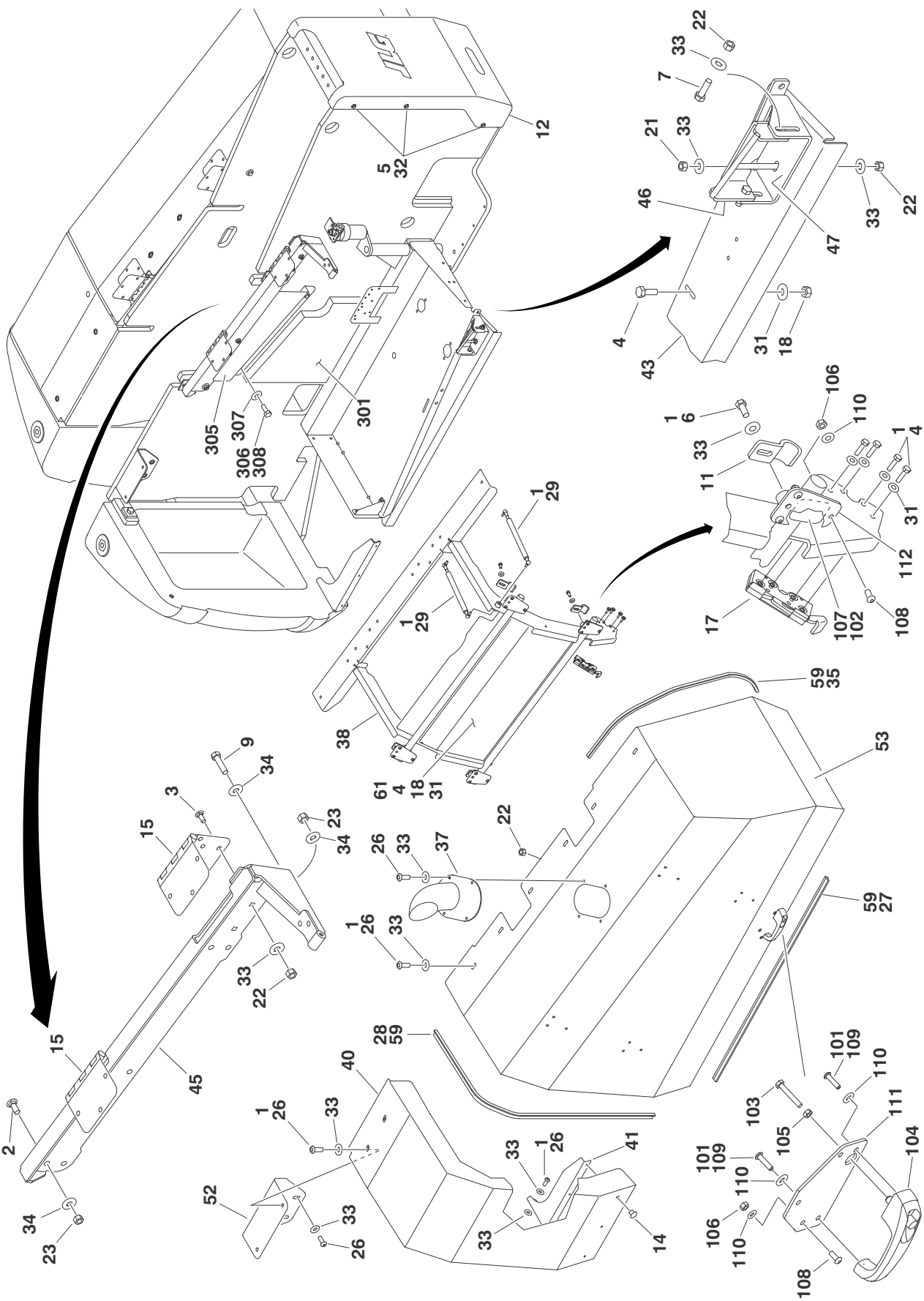
FIGURE 2-17. HOODS INSTALLATION (ABS) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
205	3311605	AR	Locknut 3/8inx16NC	
206	3900232	AR	Screw, Button Head 3/8in-16NC x 1-1/4in	
207		1	Shield, Heat Gasket Options:	
	1001101392		Caterpillar Engine Machines	
	1001101623		Deutz Engine Machines	
	Not Required		GM Engine Machines	
208	4740500	AR	Washer (Special)	
209	4751600	AR	Flatwasher 3/8in	
210		1	Exhaust Tube Weldment Options:	
	4845411		Caterpillar Engine Machines	
	1001099121		Deutz Engine Machines	
	1001117040		GM Engine	
211		1	Hood Kit Options:	
		Ref	Note: Replacement decals must be ordered separately - See DECAL SECTION.	
	1001097965		Caterpillar Engine Machines (Includes Items 201, 202, 203, 204, 207 & 208)	
	1001099139		Deutz Engine Machines (Must also purchase Items 201, 202, 203, 204, 207 & 208)	
	1001097964		GM Engine Machines (Includes Items 201, 208 & 223)	
212	1671230	1	Frame, Tubular	
213	2940088	1	Latch	
214	0721008	2	Screw, Machine #10-24NC x 1in	
215	4751000	2	Flatwasher #10	
216	3311005	2	Locknut #10-24NC	
217	0641608	AR	Bolt 3/8in-16NC x 1in	
	0641606	AR	Bolt 3/8in-16NC x 3/4in	
218	1321384	4	Hold Down	
219	0641606	4	Bolt 3/8in-16NC x 3/4in	
220	2600209	1	Hinge	
221	3960464	65in/1.67m	Seal	
222	3960462	61in/1.55m	Seal	
223	1001117140	AR	Tape (GM Engine Only):	
224	0100011	AR	Compound, Locking	
	0256823	Ref	NOISE REDUCTION INSTALLATION (DEUTZ/CATERPILLAR ENGINE MACHINES)	3/C
301	2820078	1	Foam, Acoustical (Turntable Side)	
302 to 304	Not Used			
305	3539955	1	Plate, Baffle	
306	0641506	2	Bolt 5/16in-18NC x 3/4in	
307	4751500	2	Flatwasher 5/16in	
308	0100011	AR	Compound, Locking	

FIGURE 2-18. HOODS INSTALLATION (STEEL)



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FIGURE 2-18. HOODS INSTALLATION (STEEL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	HOODS INSTALLATION	
	1001117504	Ref	Caterpillar Engine Machines	C
	1001117209	Ref	Deutz Engine Machines	D
	1001117503	Ref	GM Engine Machines	C
1	0100011	AR	Compound, Locking	
2	0630507	8	Bolt, Carriage 1/2in-13NC x 1-1/4in	
3	0630485	16	Bolt, Carriage 3/8in-16NC x 1in	
4	0641408	AR	Bolt 1/4in-20NC x 1in	
5	0641506	AR	Bolt 5/16in-18NC x 3/4in	
	0641508	AR	Bolt 5/16in-18NC x 1in	
6	0641607	10	Bolt 3/8in-16NC x 7/8in	
7	0641609	7	Bolt 3/8in-16NC x 1-1/8in	
8	Not Used			
9	0641818	2	Bolt 1/2in-13NC x 2-1/4in	
10	0940049	2	Stopper, Hood	
11	1321384	8	Hold Down	
12	1670842	1	Cover, Turntable End	
13	Not Used			
14	2080040	6	Fastener	
15	2600280	4	Hinge	
16	2940045	1	Latch, Paddle	
17	2940173	2	Latch, Rotary	
18	3311405	AR	Locknut 1/4in-20NC	
19	3311501	4	Nut 5/16in-18NC	
20	3300364	3	Nut 5/16in-18NC (Tinnerman)	
21	3311601	1	Nut 3/8in-16NC	
22	3311605	40	Locknut 3/8in-16NC	
23	3311805	10	Locknut 1/2in-13NC	
24	3520030	1	Plug, Hole	
25	3900210	3	Screw 5/16in-18NC x 3/4in	
26	3900316	38	Screw 3/8in-16NC x 1in	
27	3960389	4.5ft/1.4m	Seal	
28	3960462	9ft/2.7m	Seal	
29	4160194	4	Spring, Compression	
30	4240018	4	Strap, Cable Tie	
31	4751400	AR	Flatwasher 1/4in	
32	4751500	15	Flatwasher 5/16in	
33	4751600	79	Flatwasher 3/8in	
34	4751800	12	Flatwasher 1/2in	
35	1001110166	7ft/2.1m	Seal	
36	1001113047	6.5ft/2m	Seal (Adhesive Back)	
37		1	Pipe, Exhaust Options:	
	1001116457		Caterpillar & GM Engines	
	1001116456		Deutz Engines	
38	1001116562	1	Support, Substructure	
39	1001116618	1	Support, Substructure	
40	1001117219	1	Hood, Engine Side (Fixed)	
41	1001117234	1	Bracket, Hood Support	

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FIGURE 2-18. HOODS INSTALLATION (STEEL) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
42	1001117236	1	Bracket, Hood Support	
43	1001117249	1	Plate, Seal (800A Only)	
44	1001117307	1	Decal - Emergency Stop	
45	1001117441	1	Bracket, Hood Support (800A Only)	
46	1001117523	1	Bracket, Striker	
47	1001117525	1	Bracket, Striker Mounting	
48	1001117568	1	Bracket, Striker (800A Only)	
49	1001117598	1	Door (800A Only)	
50	1001118236	1	Bracket, Stop Mounting	
51	1001118263	1	Bracket, Hood Mounting	
52	1001118264	1	Bracket, Hood Mounting	
53		1	Hood, Engine Side Assembly (See Breakdown 101 - 112)	
	1001118344		Caterpillar & Deutz	
	1001118716		GM	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECAL SECTION.	
54	1001118345	1	Hood, Tank Side Assembly (See Breakdown 201 - 212)	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECAL SECTION.	
55	1001119935	1	Bracket, Hinge Support	
56	1001120962	1	Hood, Tank Side (Fixed)	
57	1001121122	1	Shim 3mm (800A Only)	
58	1001121123	1	Shim 1.5mm (800A Only)	
59	0100081	AR	Adhesive (USA Built Machines SN 0300144797 to SN 0300183033 & China Built Machines SN B300000215 to Present)	
60	4061032	1	Shield, Hose (USA Built Machines SN 0300144797 to SN 0300183033 & China Built Machines SN B300000215 to Present)	
61	1001120508	1	Shield, Heat (Deutz Engine Only)	
		Ref	HOOD ASSEMBLIES (ENGINE SIDE)	
101	0100011	AR	Compound, Locking	
102	0100081	AR	Adhesive	
103	0700616	1	Bolt M6 x 40mm	
104	2560187	1	Handle, Push Button	
105	3290601	1	Nut M6	
106	3311505	15	Locknut 5/16in-18NC	
107	3340877	4	Pad	
108	3900210	15	Screw, Button Head 5/16in-18NC x 3/4in	
109	3900363	2	Screw, Button Head M6 x 25mm	
110	4711500	17	Flatwasher 5/16in Thin	
111	1001116290	1	Plate, Latch Mounting	
112	1001116292	4	Mount, Clamp	
		Ref	HOOD ASSEMBLIES (TANK SIDE)	
201	0100011	AR	Compound, Locking	
202	0100081	AR	Adhesive	

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FIGURE 2-18. HOODS INSTALLATION (STEEL) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
203	0700616	1	Bolt M6 x 40mm	
204	2560187	1	Handle, Push Button	
205	3290601	1	Nut M6	
206	3311505	15	Locknut 5/16in-18NC	
207	3340877	4	Pad	
208	3900210	15	Screw, Button Head 5/16in-18NC x 3/4in	
209	3900363	2	Screw, Button Head M6 x 25mm	
210	4711500	17	Flatwasher 5/16in Thin	
211	1001116290	1	Plate, Latch Mounting	
212	1001116292	4	Mount, Clamp	
	0256823	Ref	NOISE REDUCTION INSTALLATION (DEUTZ/CATERPILLAR ENGINE MACHINES)	
301	2820078	1	Foam, Acoustical (Turntable Side)	3/C
302 to 304	Not Used			
305	3539955	1	Plate, Baffle	
306	0641506	2	Bolt 5/16in-18NC x 3/4in	
307	4751500	2	Flatwasher 5/16in	
308	0100011	AR	Compound, Locking	
		Ref	HEAT SHIELD INSTALLATION (GM ENGINE MACHINES)	
	1001114636	Ref	Without Arctic Package	
	1001114638	Ref	With Arctic Package	
401	3311405	3	Locknut 1/4in-20NC	
402	4751400	3	Flatwasher 1/4in	
403	0641408	3	Bolt 1/4in-20NC x 1in	
404	1001120508	1	Shield, Heat	E E

FIGURE 2-18. HOODS INSTALLATION (STEEL) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-19. ENGINE TRAY JACK INSTALLATION (OPTIONAL)

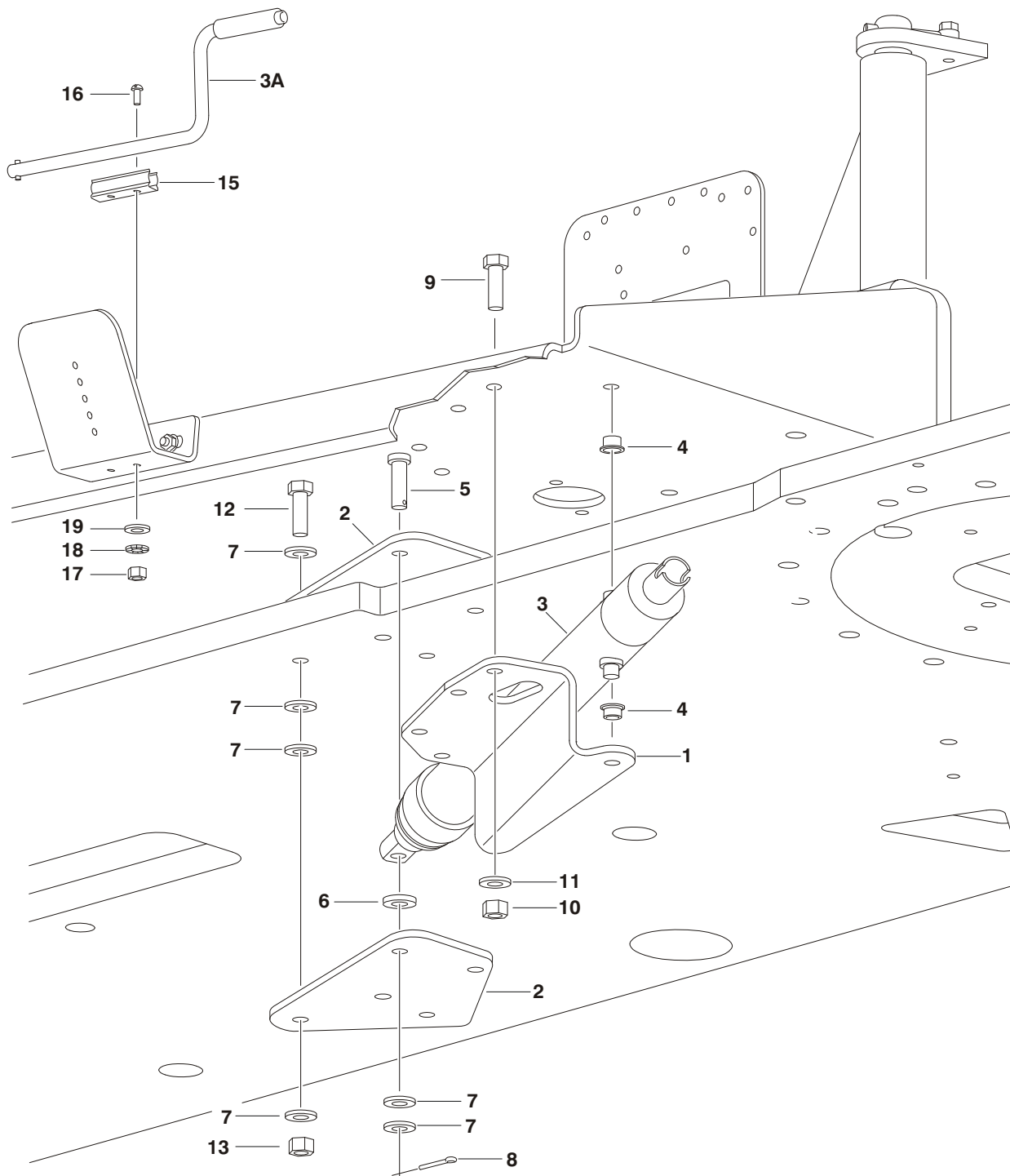
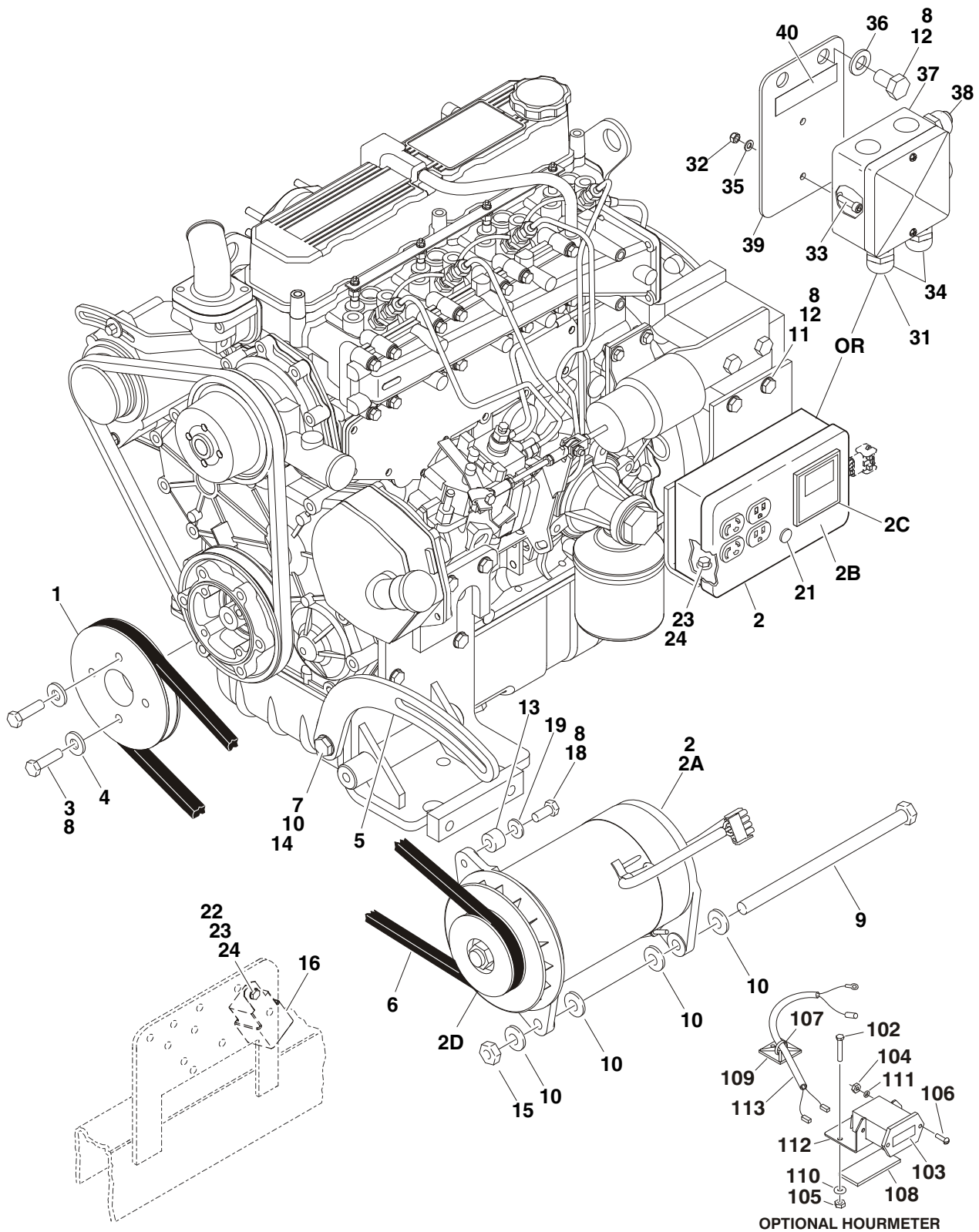


FIGURE 2-19. ENGINE TRAY JACK INSTALLATION (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0258728	Ref	ENGINE TRAY JACK INSTALLATION	2/C
1	3537445	1	Bracket	F
2	3537446	2	Bracket	
3	2840016	1	Jack and Handle Assembly	
3A	7024598	1	Handle	
4	0962051	2	Bearing, Flange	
5	3430816	1	Pin, Clevis	
6	4891800	1	Washer, Hardened	
7	4711800	6	Flatwasher 1/2in Narrow	
8	3450404	1	Pin, Cotter 1/8in x 1in	
9	0641609	4	Bolt 3/8in-16NC x 1-1/8in	
10	3311605	4	Locknut 3/8in-16NC	
11	4891600	4	Washer, Hardened	
12	0641818	4	Bolt 1/2in-13NC x 2-1/4in	
13	3311805	4	Locknut 1/2in-13NC	
14	Not Used			
15	1380147	1	Clip, Spring	
16	3910608	2	Screw, Round Head #6-32NC x 1in	
17	3310601	2	Nut #6-32NC	
18	4770600	2	Starwasher #6	
19	4740119	2	Washer, Aluminum	

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FIGURE 2-20. 2500W GENERATOR INSTALLATION - CATERPILLAR MACHINES (OPTIONAL)



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FIGURE 2-20. 2500W GENERATOR INSTALLATION - CATERPILLAR MACHINES (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	GENERATOR INSTALLATION OPTIONS:	
	1001115404	Ref	ANSI Specs - 110V/60Hz	A
	1001115413	Ref	ANSI Export & CE Specs - 110V/50Hz	A
	1001115414	Ref	ANSI Export, Australian & CE Specs - 220V/50Hz	A
1	3580322	1	Pulley	
2		1	Generator and Control Box Assembly Options:	
	2460055		110V/60Hz	
	2460049		110V/50Hz Generator Only	
	1001100321		220V/50Hz Generator Only	
2A		1	Generator Options:	
	7012558		110V/60Hz	
	2460049		110V/50Hz	
	1001100321		220V/50Hz	
		Ref	Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.	
	7026199	1	110V/60Hz Armature with Slip Rings	
	70000122	1	110V/50Hz Armature with Slip Rings	
	70000123	1	220V/50Hz Armature with Slip Rings	
	7012513	4	Cap, Brush Holder	
	7020108	4	Brush	
	7020109	4	Holder, Brush	
	7012514	1	Fan	
	7020190	2	Bearing	
	7020110	1	End Bell, Front	
	7020111	1	End Bell, Rear	
2B	7019680	1	Box, Control (110V/60Hz Generator Only)	
	4360542	1	Breaker, Circuit	
	4460190	AR	Receptacle, Double (110V Box)	
	4460027	AR	Receptacle, Double Twist Lock (110V Box)	
2C	2420203	1	Voltmeter	
2D		1	Pulley Options:	
	3580276		110V/60Hz	
	3580134		110V/50Hz	
	3580134		220V/50Hz	
	7027887	1	Key, Woodruff	
3	0700816	4	Bolt M8 x 40mm	
4	4811900	4	Flatwasher M8	
5	0200819	1	Arm, Adjusting	
6		1	V-Belt Options:	
	0480121		110V/60Hz	
	0480120		110V/50Hz	
	0480120		220V/50Hz	
7	0641610	1	Bolt 3/8in-16NC x 1-1/4in	
8	0100011	AR	Compound, Locking	
9	0641772	1	Bolt 7/16in-14NC x 9in	
10	4751600	6	Flatwasher 3/8in	
11	3574684	1	Plate, Box Mounting	

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FIGURE 2-20. 2500W GENERATOR INSTALLATION - CATERPILLAR MACHINES (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
12	0701210	2	Bolt M12 x 20mm	B
13	0962563	1	Bushing, Spacer	
14	3311605	1	Locknut 3/8in-16NC	
15	3311705	1	Locknut 7/16in-14NC	
16	3740080	1	Relay	
17	Not Used			
18	0641508	1	Bolt 5/16in-18NC x 1in	
19	4751500	1	Flatwasher 5/16in	
20	Not Used			
21	3520028	1	Plug, Hole	
22	0721006	AR	Bolt #10-24NC x 3/4in	
23	3311005	AR	Locknut #10-24NC	
24	4751000	AR	Flatwasher #10	
25	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
26	Not Used			
27	4060802	1	Guard, Switch (Not Shown - Located at Platform)	
28		1	Decal - Voltage Options (Not Shown - Located at Platform):	
	Not Required		110V/60Hz	
	1705325		110V/50Hz	
	3252507		220V/50Hz	
29	2820031	4in/10cm	Heatshrink (Not Shown - Located at Platform)	
30	3251102	1	Decal (Not Shown - Located at Platform)	
		Ref	Note: Items 31 thru 40 Used with 1001115413 & 1001115414 Installations Only.	
31	0962449	1	Bushing, Silicone	
32	3290505	1	Locknut M5	
33	4031608	2	Capscrew M5 x 20mm	
34	4460968	3	Bushing, Strain Relief	
35	4811600	2	Flatwasher M5	
36	4812100	2	Flatwasher M12	
37	1001099869	1	Box, Junction	
38		1	Light, Red Options:	
	1001100233		110V/50Hz	
	1001100234		220V/50Hz	
39	1001102644	1	Bracket, AC Junction Box	
40		1	Decal - Voltage Options:	
	1705325		110V/50Hz	
	3252507		220V/50Hz	
	1001094475	Ref	HOURLY METER INSTALLATION (OPTIONAL)	
101	Not Used			
102	0720808	1	Screw #8-32 x 1in	
103	2420165	1	Hourmeter	
104	3310601	2	Nut #6-32	
105	3310805	1	Locknut #8-32	
106	3910608	2	Screw #6-32 x 1/2in	
107	4240032	4	Strap, Tie	
108	4420060	3in/7cm	Tape, Double-Sided	
109	4460234	3	Mount, Tie Strap	

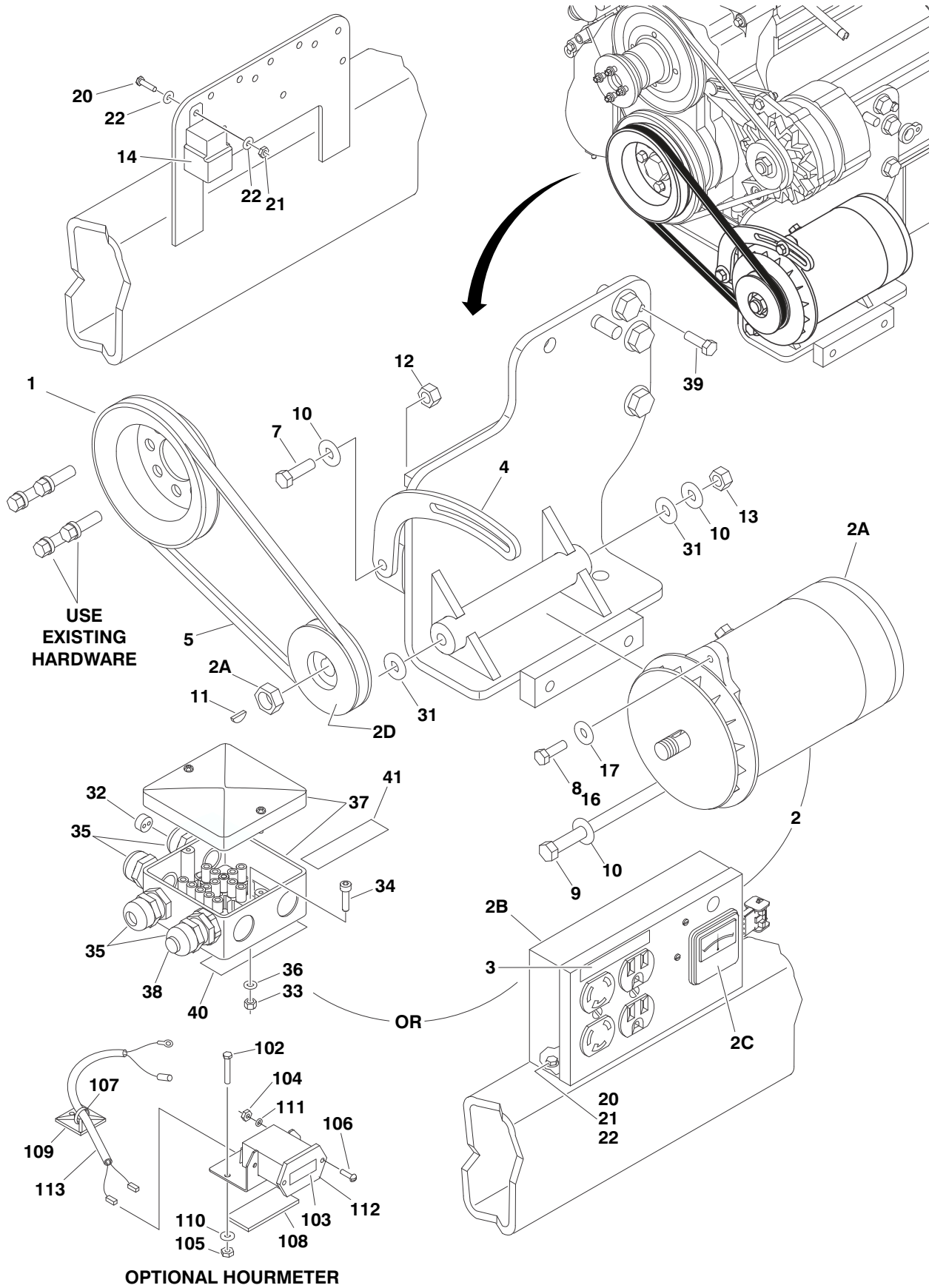
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FIGURE 2-20. 2500W GENERATOR INSTALLATION - CATERPILLAR MACHINES (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
110	4750800	1	Washer #8	
111	4760600	2	Lockwasher #6	
112	1001094375	1	Bracket, Hourmeter	
113	1001094509	1	Harness, Hourmeter	
114	4460018	1	Connector, Butt Splice (Not Shown)	

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FIGURE 2-21. 2500W GENERATOR INSTALLATION - DEUTZ MACHINES (OPTIONAL)



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FIGURE 2-21. 2500W GENERATOR INSTALLATION - DEUTZ MACHINES (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	GENERATOR INSTALLATION OPTIONS:	
	1001115405	Ref	ANSI Specs - 110V/60Hz	A
	1001115410	Ref	ANSI Export Specs - 110V/50Hz	A
	1001115409	Ref	ANSI Export Specs - 220V/50Hz	A
1	3580158	1	Pulley	
2		1	Generator and Control Box Assembly Options:	
	2460055		110V/60Hz	
	2460049		110V/50Hz Generator Only	
	1001100321		220V/50Hz Generator Only	
2A		1	Generator Options:	
	7012558		110V/60Hz	
	2460049		110V/50Hz	
	1001100321		220V/50Hz	
		Ref	Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.	
	7026199	1	110V/60Hz Armature with Slip Rings	
	70000122	1	110V/50Hz Armature with Slip Rings	
	70000123	1	220V/50Hz Armature with Slip Rings	
	7012513	4	Cap, Brush Holder	
	7020108	4	Brush	
	7020109	4	Holder, Brush	
	7012514	1	Fan	
	7020190	2	Bearing	
	7020110	1	End Bell, Front	
	7020111	1	End Bell, Rear	
2B	7019680	1	Box, Control - 110V/60Hz Generator Only	
	4360542	1	Breaker, Circuit	
	4460190	AR	Receptacle, Double (110V Box)	
	4460027	AR	Receptacle, Double Twist Lock (110V Box)	
2C	2420203	1	Voltmeter	
2D		1	Pulley Options:	
	3580276		110V/60Hz	
	3580134		110V/50Hz	
	3580134		220V/50Hz	
3	3251243	1	Decal - 120V - 60Hz (110V/60Hz Generator Only)	
4	0200742	1	Arm, Adjusting	
5	0480121	1	V-Belt	
6	Not Used			
7	0641610	1	Bolt 3/8in-16NC x 1-1/4in	
8	0100011	AR	Compound, Locking	
9	0641772	1	Bolt 7/16in-14NC x 9in	
10	4751600	6	Flatwasher 3/8in	
11	2860012	1	Key, Woodruff	
12	3311605	1	Locknut 3/8in-16NC	
13	3311705	1		
14	3740080	1	Relay	
15	Not Used			

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FIGURE 2-21. 2500W GENERATOR INSTALLATION - DEUTZ MACHINES (OPTIONAL)

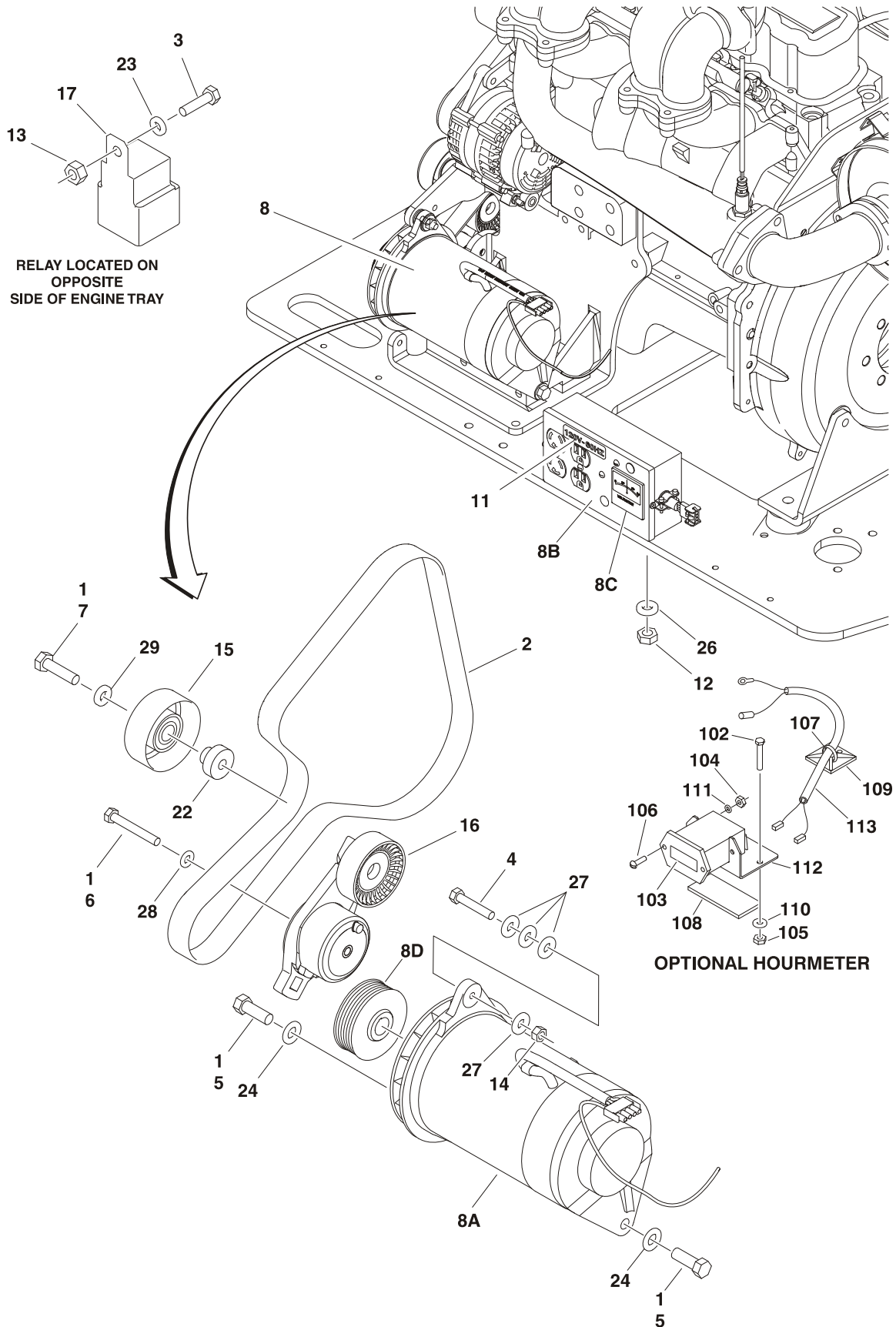
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
16	0641508	1	Bolt 5/16in-18NC x 1in	B
17	4751500	1	Flatwasher 5/16in	
18 to 19	Not Used			
20	0721006	AR	Bolt #10-24NC x 3/4in	
21	3311005	AR	Locknut #10-24NC	
22	4751000	AR	Flatwasher #10	
23 to 24	Not Used			
25	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
26	4740397	1	Bushing (Not Shown - Located at Platform)	
27	4060802	1	Guard, Switch (Not Shown - Located at Platform)	
28	3252507	1	Decal - 220V-50/60Hz (Not Shown - Located on Inside Platform Rail) (220V/50Hz Generator Only)	
	1705325	1	Decal - 120V-50Hz (Not Shown - Located on Inside Platform Rail) (110V/50Hz Generator Only)	
29	2820031	4in/10cm	Heatshrink (Not Shown - Located at Platform)	
30	3251102	1	Decal (Not Shown - Located at Platform)	
31	4070585	AR	Shim	
		Ref	Note: Items 32 thru 41 Used with 1001115410 & 1001115409 Installations Only.	
32	0962449	1	Bushing, Silicone	
33	3290505	1	Locknut M5	
34	4031608	1	Capscrew M5 x 20mm	
35	4460968	4	Bushing, Strain Relief	
36	4811600	1	Flatwasher M5	
37	1001099869	1	Box, Junction	
38		1	Light, Red Options:	
	1001100233		110V/50Hz	
	1001100234		220V/50Hz	
39	0641404	1	Bolt 1/4in-20NC x 1/2in	
40	4420060	AR	Tape, Double Sided	
41		1	Decal Options:	
	3252507	1	Decal - 220V-50/60Hz	
	1705325	1	Decal - 120V-50Hz	
	1001094475	Ref	HOURLY METER INSTALLATION (OPTIONAL)	
101	Not Used			
102	0720808	1	Screw #8-32 x 1in	
103	2420165	1	Hourmeter	
104	3310601	2	Nut #6-32	
105	3310805	1	Locknut #8-32	
106	3910608	2	Screw #6-32 x 1/2in	
107	4240032	4	Strap, Tie	
108	4420060	3in/7cm	Tape, Double-Sided	
109	4460234	3	Mount, Tie Strap	
110	4750800	1	Washer #8	
111	4760600	2	Lockwasher #6	
112	1001094375	1	Bracket, Hourmeter	
113	1001094509	1	Harness, Hourmeter	
114	4460018	1	Connector, Butt Splice (Not Shown)	

FIGURE 2-21. 2500W GENERATOR INSTALLATION - DEUTZ MACHINES (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-22. 2500W GENERATOR INSTALLATION - GM MACHINES (OPTIONAL)



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FIGURE 2-22. 2500W GENERATOR INSTALLATION - GM MACHINES (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	Note: Only Available on USA Built Machines.	
		Ref	GENERATOR INSTALLATION OPTIONS:	
	0275039	Ref	110V Generator	E
	See Note	Ref	220V Generator (Note: Not Available for Purchase.)	
1	0100011	AR	Compound, Locking	
2	0480142	1	V-Belt	
3	0641405	1	Bolt 1/4in-20NC x 5/8in	
4	0641510	1	Bolt 5/16in-18NC x 1-1/4in	
5	0641710	2	Bolt 7/16in-14NC x 1-1/4in	
6	0700820	1	Bolt 8mm x 60mm	
7	0701016	1	Bolt 10mm x 340mm	
8	2460051	1	Generator and Control Box Assembly	
8A	7012558	1	Generator	
		Ref	Note: Replacement Generators come standard with p/n 3580134 pulley. This pulley may not be correct for all applications. Refer to pulley options below.	
	7026199	1	Armature with Slip Rings	
	7020109	4	Holder, Brush	
	7020108	4	Brush	
	7012513	4	Cap, Brush Holder	
	7012514	1	Fan	
	7020190	2	Bearing	
	7020110	1	End Bell, Front	
	7020111	1	End Bell, Rear	
8B	7019680	1	Box Control	
	4360542	1	Breaker, Circuit	
	4460190	1	Receptacle, Double (110V Box)	
	4460027	1	Receptacle, Double Twist Lock (110V Box)	
8C	2420203	1	Voltmeter	
8D	3580324	1	Pulley	
	7027887	1	Key, Woodruff	
9	2820031	AR	Heatshrink (Not Shown - Located at Platform)	
10	3251102	1	Nameplate - Generator (Not Shown - Located at Platform)	
11	3251243	1	Decal	
12	3311005	2	Locknut # 10-24NC	
13	3311405	1	Locknut 1/4in-20NC	
14	3311505	1	Locknut 5/16in-18NC	
15	3580312	1	Pulley, Idler	
16	3580348	1	Tensioner, Belt	
17	3740080	1	Relay, Bosch	
18	4060802	1	Guard, Switch (Not Shown - Located at Platform)	
19	4240018	AR	Tie-Strap (Not Shown)	
20	4360336	1	Switch, Toggle (Not Shown - Located at Platform)	
21	4460906	3	Terminal (Not Shown)	
22	4568735	1	Spacer, Tube (Idler Pulley Grooved)	
23	4711400	1	Flatwasher 1/4in Narrow	
24	4711700	2	Flatwasher 7/16in Narrow	

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FIGURE 2-22. 2500W GENERATOR INSTALLATION - GM MACHINES (OPTIONAL)

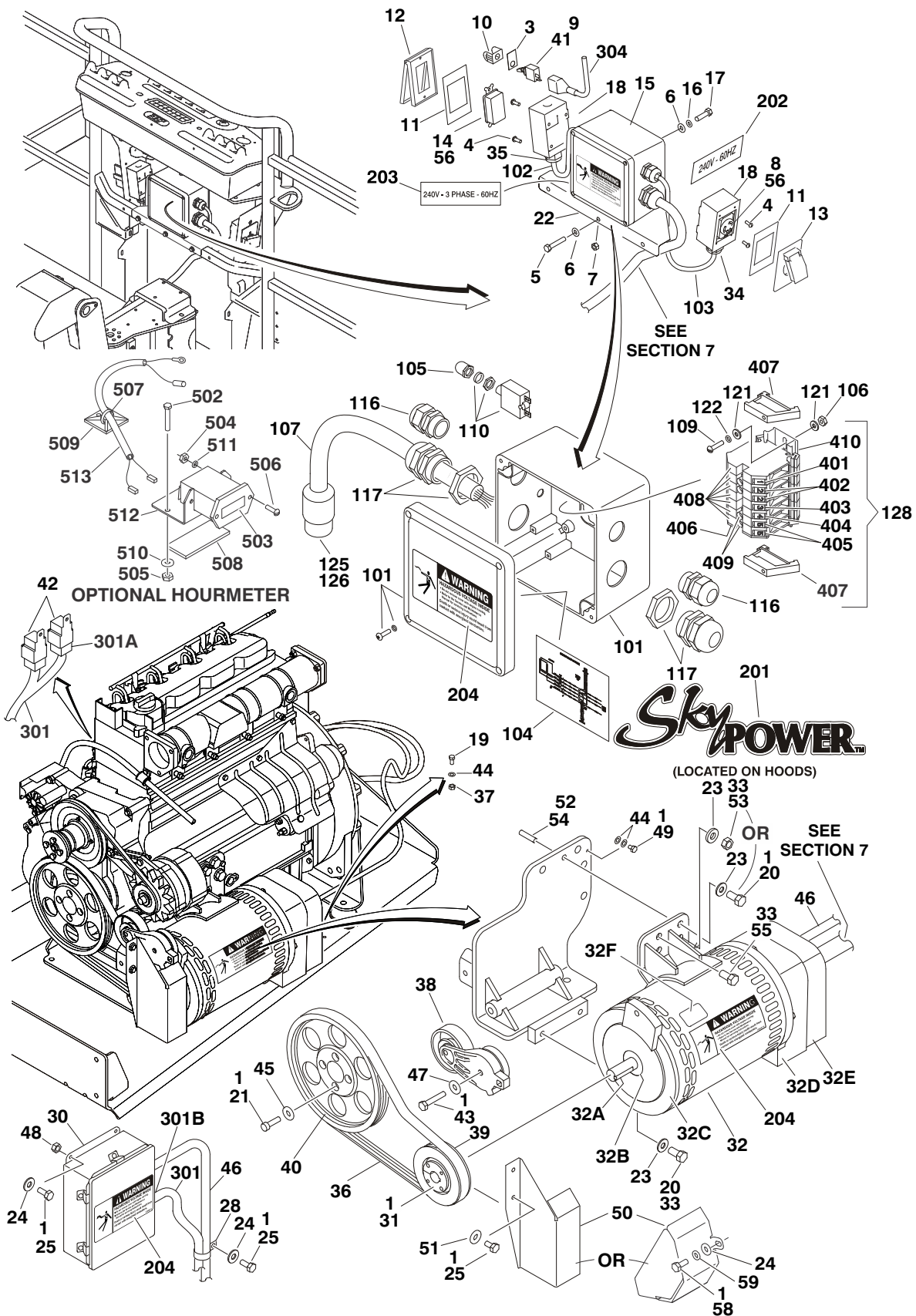
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
25	4740397	1	Spacer (Not Shown - Located at Platform)	B
26	4751000	2	Flatwasher #10 Wide	
27	4751500	4	Flatwasher 5/16in Wide	
28	4811900	1	Flatwasher 8mm	
29	4891600	1	Flatwasher 3/8in Hardened	
	1001094475	Ref	HOURLMETER INSTALLATION (OPTIONAL)	
101	Not Used			
102	0720808	1	Screw #8-32 x 1in	
103	2420165	1	Hourmeter	
104	3310601	2	Nut #6-32	
105	3310805	1	Locknut #8-32	
106	3910608	2	Screw #6-32 x 1/2in	
107	4240032	4	Strap, Tie	
108	4420060	3in/7cm	Tape, Double-Sided	
109	4460234	3	Mount, Tie Strap	
110	4750800	1	Washer #8	
111	4760600	2	Lockwasher #6	
112	1001094375	1	Bracket, Hourmeter	
113	1001094509	1	Harness, Hourmeter	
114	4460018	1	Connector, Butt Splice (Not Shown)	

FIGURE 2-22. 2500W GENERATOR INSTALLATION - GM MACHINES (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES



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FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	7500W SKYPOWER GENERATOR INSTALLATION	
		Ref	Caterpillar Engine:	
	1001115398	Ref	60Hz (ANSI Specs & CSA Specs)	C
	1001115400	Ref	50Hz (ALL Specs Except ANSI Specs & CSA Specs)	C
		Ref	Deutz Engine:	
	1001115387	Ref	60Hz (ANSI Specs & CSA Specs)	B
	1001115389	Ref	50Hz (ALL Specs Except ANSI Specs & CSA Specs)	B
1	0100011	AR	Compound, Locking	
2	Not Used			
3	3252764	1	Nameplate	
4	3910606	8	Screw #6-32NC x 3/8in	
5	0641516	3	Bolt 5/16in-18NC x 2in	
6		AR	Flatwasher Options:	
	4711500	10	Flatwasher 5/16in Narrow (Caterpillar Engine)	
	4751500	7	Flatwasher 5/16in Wide (Deutz Engine)	
7		3	Locknut Options:	
	3311505		Locknut 5/16in-18NC (Caterpillar Engine)	
	3311508		Nut 5/16in-18NC (Deutz Engine)	
8		1	Receptacle, Female Twist-Lock Options:	
	4460958		60Hz	
	See Note		50Hz (Note: Not Available - Purchase Locally.)	
9	4360336	1	Switch, Toggle	
10	4060802	1	Guard, Switch	
11		2	Gasket Options:	
	3960422		60Hz	
	See Note		50Hz (Note: Not Available - Purchase Locally.)	
12		1	Cover, Receptacle Options:	
	1001110873		60Hz Cover, Top Hinged	
	See Note		50Hz Cover (Note: Not Available - Purchase Locally.)	
13		1	Cover, Receptacle Options:	
	1001110872		60HzCover, Top Hinged	
	See Note		50Hz Cover (Note: Not Available - Purchase Locally.)	
14		1	Receptacle, Female Options (110-120V):	
	4460346		60Hz	
	See Note		50Hz (Note: Not Available - Purchase Locally.)	
15		1	Junction Box Assembly Options (See Items 101-128 for Breakdown):	
	0861542		60Hz Spec	
	0861567		50Hz Spec	
16	4761500	4	Flatwasher 5/16in (Caterpillar Engine Only)	
17		4	Bolt Options:	
	0641505		Bolt 5/16in-18NC x 5/8in (Caterpillar Engine)	
	0641508		Bolt 5/16in-18NC x 1in (Deutz Engine)	
18		2	Box, Switch Options:	
	0860038		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
19	0641406	1	Bolt 1/4in-20NC x 3/4in (Caterpillar Engine Only)	

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FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
20	0641808	AR	Bolt 1/2in-13NC x 1in	
21		4	Bolt, Metric Options:	
	0700815		Caterpillar Engine (Bolt M8 x 35mm)	
	4032015		Deutz Engine (Capscrew M10 x 55mm)	
22	0902888	1	Bracket, Box Mounting	
23	4711800	AR	Flatwasher 1/2in Narrow	
24	4711400	AR	Flatwasher 1/4in Narrow	
25	0641404	AR	Bolt 1/4in-20NC x 1/2in	
26 to 27	Not Used			
28	1320318	AR	Clamp (Caterpillar Engine)	
29	4240018	AR	Tie-strap (Not Shown)	
30		1	Control Box Assembly Options:	
	0861538		60Hz Control Box	
	0861572		50Hz Control Box	
	7024488	1	Card, Circuit - Generator Power	
	See Note	1	Fuse (Note: Not Available - Purchase Locally.)	
	7024489	1	Card, Circuit - Control	
	70000619	1	Harness, Control Box (Internal)	
		Ref	Note: Same Circuit Card (P/N 7024489) is used for both 60Hz & 50Hz. When replacing card, rocker switch on card must be set for required application.	
31	0962520	1	Bushing, Split Taper	
32		1	Generator Assembly Options:	
	2460050		Caterpillar Engine	
	2460048		Deutz Engine	
	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
	70001384	1	Bearing, Ball Radial (Not Shown)	
	70000863	1	Fan (Not Shown)	
		1	Stator Options (Not Shown):	
	70001969		2460050 Generator	
	70002088		2460048 Generator	
	70002297	1	Stud	
	Use 70003631	1	Brushholder Assembly with Brushes (Not Shown) (was p/n 7024484)	
32A	Use 70004171	1	Key (was p/n 7024561)	
32B	70001966	1	Bearing, Ball Radial (Located In Belt Tensioner Endbell)	
	70003708	1	Ring, Internal Retaining (Located in Belt Tensioner Endbell)	
	70003709	1	Ring, External Retaining (Located in Belt Tensioner Endbell)	
32C	70001953	1	Endbell, Belt Tensioner	
32D		1	Endbell, Brush Block Options (was p/n 70001385):	
	Use 70004170		Caterpillar Engine Machines	
	Use 70004169		Deutz Engine Machines	
32E		1	Shroud Options:	
	Use 70004170		Caterpillar Engine (was p/ns 70001970 & 70001971)	
	Use 70004169		Deutz Engine (was p/n 70002290)	
	7027799	1	Block, Connector 6 Position (Not Shown)	
	7026626	1	Connector with Seal - 6 Position (Not Shown)	
	70002460	6	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	

SECTION 2 TURNTABLE

FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
32E cont'd	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
	70001696	1	Boot, Breaker (was p/n 7024486 - Not Shown)	
	7026597	1	Connector, W/Leads (Not Shown)	
	7026188	1	Clamp, Cable (Not Shown)	
		1	Plate, End Panel Options:	
	Use 70004170		Caterpillar Engine (was p/n 70001972)	
	Use 70004169		Deutz Engine (was p/n 70002255)	
	70001974	1	Decal - Terminal Connections	
32F	70001973	1	Decal - Warning Moving Parts	
33	0100019	AR	Compound, Locking	
34		1	Connector, Strain Relief Options:	
	4460051		60Hz	
	See Note		50Hz (Note: Not Available - Purchase Locally.)	
35		1	Connector, Strain Relief	
	4460071		60Hz	
	See Note		50Hz (Note: Not Available - Purchase Locally.)	
36		1	Belt, Drive Options:	
			60Hz Generators:	
	0480129		Caterpillar Engine	
	0480129		Deutz Engine	
			50Hz Generators:	
	0480125		Caterpillar Engine	
	0480126		Deutz Engine	
37	3311405	1	Locknut 1/4in-20NC (Caterpillar Engine Only)	
38	3580317	1	Tensioner, Belt	
39		1	Pulley Options:	
	3580318		60Hz	
	3580319		50Hz	
40		1	Pulley Options:	
	3580321		Caterpillar Engine	
	3580320		Deutz Engine	
41	2820031	1	Insulator	
42	3740080	2	Relay	
43	0641618	1	Bolt 3/8in-16NC x 2-1/4in	
44	4791400	AR	Starwasher 1/4in	
45	4811900	4	Flatwasher 8mm (Caterpillar Engine Only)	
46	4922925	1	Harness, Generator	
47	4711600	1	Flatwasher 3/8in Narrow	
48	3311405	4	Locknut 1/4in-20NC (Deutz Engine Only)	
49	0641404	1	Bolt 1/4in-20NC x 1/2in (Deutz Engine Only)	
50		1	Shield Options:	
	1001118599		Caterpillar Engine (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	
	4061049		Deutz Engine (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	

SECTION 2 TURNTABLE

FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
51	4751400	2	Flatwasher 1/4in Wide (Deutz Engine Only) (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	D B
52	4300157	1	Stud (Deutz Engine Only)	
53	3311801	1	Nut 1/2in-13NC (Deutz Engine Only)	
54	0100062	1	Loctite (Deutz Engine Only)	
55	0771415	1	Bolt (Metric) M14 x 35mm (Deutz Engine Only)	
56	4460315	4	Terminal (Deutz Engine Only)	
57	0100020	AR	Pipe Sealant (Deutz Engine Only) (Not Shown)	
58	0641405	AR	Bolt 1/4in-20NC x 5/8in (Caterpillar Engine Only) (USA Built Machines SN 0300143928 to SN 0300172827 & China Built Machines SN B300000202 to SN B300000763)	
59	4761400	2	Lockwasher 1/4in (Caterpillar Engine Only) (USA Built Machines SN 0300143928 to SN 0300172827 & China Built Machines SN B300000202 to SN B300000763)	
		Ref	JUNCTION BOX ASSEMBLY	
	0861542	Ref	60Hz	
	0861567	Ref	50Hz	
101	0861541	1	Box, Junction	
102		2ft/.6m	Cable, Electrical 12/3 Options:	
	1060494		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
103		2.5ft/.76m	Cable, Electrical 10/3	
	1060708		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
104	1705376	1	Decal - Wiring Schematic	
105	3300396	1	Cover, Fuse	
106	3310601	2	Nut 6-32NC	
107	1060343	1.5ft/.46m	Cable, Electrical 10/4 (60Hz Spec Only)	
108	Not Used			
109	3910610	2	Bolt 6-32NC x 5/8in	
110	4360070	1	Circuit Breaker - 15 Amp	
111 to 115	Not Used			
116	4460425	2	Strain Relief, Terminal	
117	4460426	2	Connector, Strain Relief	
118 to 120	Not Used			
121	4750600	4	Flatwasher, #6 Wide	
122	4760600	2	Lockwasher #6	
123 to 124	Not Used			
125	1671092	1	Cover (60Hz Spec Only)	
126	4460963	1	Connector (60Hz Spec Only)	
127	Not Used			
128		1	Terminal Block Assembly Options (See Items 401-410 for Breakdown):	
	NPN		Gray Terminal Block Assembly	
	1001121340		Tan Terminal Block Assembly	

SECTION 2 TURNTABLE

FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	DECAL INSTALLATION	
	0272435	Ref	60Hz Specs	A
	0272589	Ref	50Hz Spec	A
201	1705460	2	Decal - SkyPower™	
202	1705374	1	Decal - 240V - 60Hz (60Hz Specs Only)	
203		1	Decal - 240V - 3 Phase Options:	
	1705375		60Hz Spec	
	1705461		50Hz Spec	
204		3	Decal, Hazardous Voltage Options:	
	1705387		60Hz Spec	
	1705489		50Hz Spec	
	1001112586	Ref	ELECTRICAL DIAGRAM COMPONENTS	A
301	1001112587	1	Generator Harness	A
301A	4460374	2	Plug, Sealed Relay	
	4460375	7	Terminal	
301B	4460967	1	Plug, Male - 3 Position	
	4460465	3	Socket, Female	
301C	2400060	1	Fuseholder (Not Shown)	
	2400064	1	Fuse - 5 Amp (Not Shown)	
302 to 303	Not Used			
304	4922641	1	Switch Harness	
		Ref	TERMINAL BLOCK ASSEMBLY	
	NPN	Ref	Gray Terminal Block Assembly (Complete Assembly Not Available - Purchase Individual Components)	
	1001121340	Ref	Tan Terminal Block Assembly	A
401		2	Marker Strip #1 Options:	
	4460411		Gray Terminal Block Assembly	
	70002818		Tan Terminal Block Assembly	
402		4	Marker Strip #2 Options:	
	4460412		Gray Terminal Block Assembly	
	70002819		Tan Terminal Block Assembly	
403		2	Marker Strip #3 Options:	
	4460413		Gray Terminal Block Assembly	
	70002820		Tan Terminal Block Assembly	
404		2	Marker Strip #4 Options:	
	4460414		Gray Terminal Block Assembly	
	70002821		Tan Terminal Block Assembly	
405		4	Marker Strip #5 Options:	
	4460415		Gray Terminal Block Assembly	
	70002822		Tan Terminal Block Assembly	
406		1	Terminal, End Barrier Options:	
	4460956		Gray Terminal Block Assembly	
	70002823		Tan Terminal Block Assembly	

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FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES (CONTINUED)

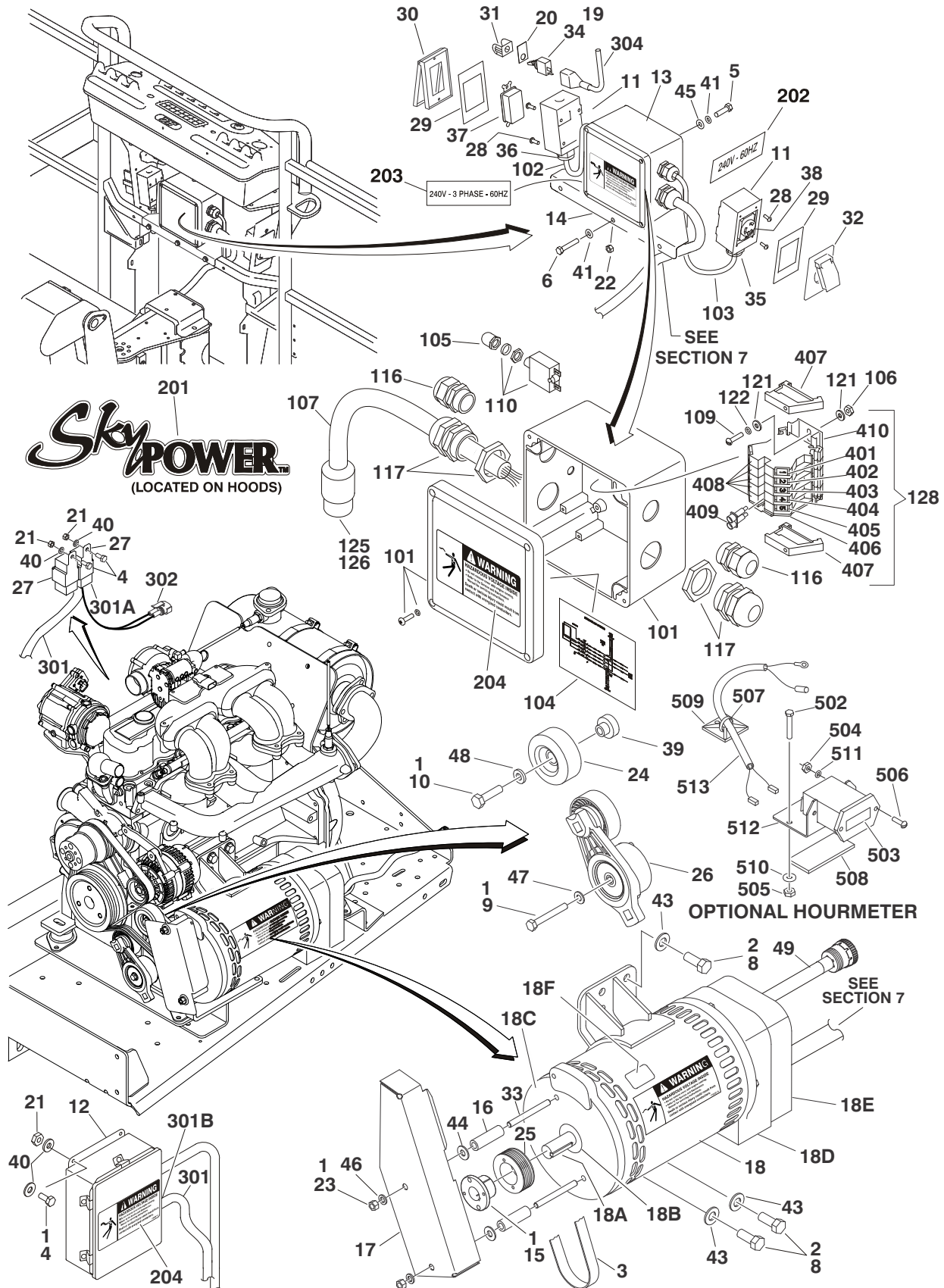
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
407	4460607 70002824	2	Terminal, End Block Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	B
408	4460957 70002825	7	Terminal, Block Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
409	4461001 70002826	2	Terminal, Cross Connector Jumper Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
410	3641533	1	Rail, Relay	
	1001094475	Ref	HOURLMETER INSTALLATION (OPTIONAL)	
501	Not Used			
502	0720808	1	Screw #8-32 x 1in	
503	2420165	1	Hourmeter	
504	3310601	2	Nut #6-32	
505	3310805	1	Locknut #8-32	
506	3910608	2	Screw #6-32 x 1/2in	
507	4240032	4	Strap, Tie	
508	4420060	3in/7cm	Tape, Double-Sided	
509	4460234	3	Mount, Tie Strap	
510	4750800	1	Washer #8	
511	4760600	2	Lockwasher #6	
512	1001094375	1	Bracket, Hourmeter	
513	1001094509	1	Harness, Hourmeter	
514	4460018	1	Connector, Butt Splice (Not Shown)	

FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - CATERPILLAR AND DEUTZ MACHINES (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 2-24. 7500W SKYPOWER GENERATOR INSTALLATION - GM MACHINES



SECTION 2 TURNTABLE

FIGURE 2-24. 7500W SKYPOWER GENERATOR INSTALLATION - GM MACHINES

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	Note: Only Available on USA Built Machines.	
	0275257	Ref	7500W SKYPOWER GENERATOR INSTALLATION	F
		Ref	Note: See ELECTRICAL SECTION for Boom Cable Installation.	
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0480142	1	Belt, Generator	
4	0641405	6	Bolt 1/4in-20NC x 5/8in	
5	0641505	4	Bolt 5/16in-18NC x 5/8in	
6	0641516	3	Bolt 5/16in-18NC x 2in	
7	Not Used			
8	0641808	4	Bolt 1/2in-13NC x 1in	
9	0700820	1	Bolt M8 x 60mm	
10	0701016	1	Bolt M10 x 40mm	
11	0860038	2	Box, Switch	
12	0861538	1	Control Box Assembly	
	7024488	1	Card, Circuit - Generator Power	
	See Note	1	Fuse (Note: Not Available - Purchase Locally.)	
	7024489	1	Card, Circuit - Control	
	70000619	1	Harness, Control Box (Internal)	
13	0861542	1	Junction Box Assembly (See Items 101-128 for Breakdown)	
14	0902888	1	Bracket, Box Mounting	
15	0962520	1	Bushing, Split Taper	
16	0962521	2	Spacer, Tube (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	
17	1671311	1	Cover, Generator Belt (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	
18	2460048	1	Generator Assembly	
	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
	70001384	1	Bearing, Ball Radial (Not Shown)	
	70000863	1	Fan (Not Shown)	
	70002088	1	Stator (Not Shown)	
	70002297	1	Stud (Not Shown)	
	Use 70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
18A	Use 70004171	1	Key (was p/n 7024561)	
18B	70001966	1	Bearing, Shaft (Front)	
18C	70001953	1	Endbell (Front)	
18D	Use 70004169	1	Endbell, Brush Block (was p/n 70001385)	
18E	Use 70004169	1	Shroud (was p/n 70002290)	
	7027799	1	Block, Connection - 6 Position (Not Shown)	
	7026626	1	Connector with Seal - 6 Position (Not Shown)	
	70002460	6	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
	70001696	1	Boot, Breaker (Not Shown)	
	7026597	1	Connector, W/Lead (Not Shown)	

SECTION 2 TURNTABLE

FIGURE 2-24. 7500W SKYPOWER GENERATOR INSTALLATION - GM MACHINES

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
18E cont'd	7026188	1	Connector, Clamp (Not Shown)	D
	Use 70004169	1	Plate, End Panel (was p/n 70002255)	
	70001974	1	Decal - Terminal Connections (Not Shown)	
18F	70001973	1	Decal - Warning Moving Parts	
19	2820031	1	Insulator	
20	3252764	1	Nameplate	
21	3311405	6	Locknut 1/4in-20NC	
22	3311505	3	Locknut 5/16in-18NC	
23	3311601	2	Nut 3/8in-16NC (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	
24	3580312	1	Pulley, Idler	
25	3580314	1	Pulley, Drive Grooved	
26	3580348	1	Pulley, Belt Tensioner	
27	3740080	2	Relay	
28	3910606	8	Screw #6-32NC x 3/8in	
29	3960422	2	Gasket	
30	1001110873	1	Cover, Receptacle	
31	4060802	1	Guard, Switch	
32	1001110872	1	Cover, Receptacle	
33	4300111	2	Stud, Chain Assembly (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	
34	4360336	1	Switch, Toggle	
35	4460051	1	Connector, Strain Relief	
36	4460071	1	Connector, Strain Relief	
37	4460346	1	Receptacle	
38	4460958	1	Receptacle, Female Twist-Lock	
39	4568735	1	Tube, Spacer Pulley Grooved	
40	4711400	10	Flatwasher 1/4in Narrow	
41	4711500	10	Flatwasher 5/16in Narrow	
42	Not Used			
43	4711800	4	Flatwasher 1/2in Narrow	
44	4751600	2	Flatwasher 3/8in Wide (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	
45	4761500	4	Lockwasher 5/16in	
46	4761600	2	Lockwasher 3/8in (USA Built Machines SN 0300140000 to SN 0300172827 & China Built Machines SN B300000100 to SN B300000763)	
47	4811900	1	Flatwasher 8mm	
48	4891600	1	Washer, Hardened 3/8in	
49	4922925	1	Harness, Generator	
	0861542	Ref	JUNCTION BOX ASSEMBLY	
101	0861541	1	Box, Junction	
102	1060494	2ft/.6m	Cable, Electrical 12/3	
103	1060708	2.5ft/.76m	Cable, Electrical 10/3	
104	1705376	1	Decal - Wiring Schematic	
105	3300396	1	Cover, Fuse	

SECTION 2 TURNTABLE

FIGURE 2-24. 7500W SKYPOWER GENERATOR INSTALLATION - GM MACHINES

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
106	3310601	2	Nut 6-32NC	
107	1060343	1.5ft/.46m	Cable, Electrical 10/4	
108	Not Used			
109	3910610	2	Bolt 6-32NC x 5/8in	
110	4360070	1	Circuit Breaker - 15 Amp	
111 to 115	Not Used			
116	4460425	2	Strain Relief, Terminal	
117	4460426	2	Connector, Strain Relief	
118 to 120	Not Used			
121	4750600	4	Flatwasher, #6 Wide	
122	4760600	2	Lockwasher #6	
123 to 124	Not Used			
125	1671092	1	Cover	
126	4460963	1	Connector	
127	Not Used			
128		1	Terminal Block Assembly Options (See Items 401-410 for Breakdown):	
	NPN		Gray Terminal Block Assembly	
	1001121340		Tan Terminal Block Assembly	
	0272435	Ref	DECAL INSTALLATION	A
201	1705460	2	Decal - SkyPower™	
202	1705374	1	Decal - 240V - 60Hz	
203	1705375	1	Decal - 240V - 3 Phase	
204	1705387	3	Decal, Hazardous Voltage	
	4933349	Ref	ELECTRICAL DIAGRAM COMPONENTS	A
301	4923420	1	Generator Harness	A
301A	4460374	2	Plug, Sealed Relay	
	4460375	8	Terminal	
301B	4460967	1	Plug, Male - 3 Position	
	4460465	3	Socket, Female	
301C	2400060	2	Fuseholder (Not Shown)	
	2400064	2	Fuse - 5 Amp (Not Shown)	
302	4460742	1	Connector - 2 Position	
	4460743	2	Socket, Female	
	4460458	2	Seal	
303	Not Used			
304	4922641	1	Switch Harness	
		Ref	TERMINAL BLOCK ASSEMBLY	
	NPN	Ref	Gray Terminal Block Assembly (Complete Assembly Not Available - Purchase Individual Components)	
	1001121340	Ref	Tan Terminal Block Assembly	A
401		2	Marker Strip #1 Options:	
	4460411		Gray Terminal Block Assembly	
	70002818		Tan Terminal Block Assembly	

SECTION 2 TURNTABLE

FIGURE 2-24. 7500W SKYPOWER GENERATOR INSTALLATION - GM MACHINES

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
402	4460412 70002819	4	Marker Strip #2 Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	B
403	4460413 70002820	2	Marker Strip #3 Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
404	4460414 70002821	2	Marker Strip #4 Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
405	4460415 70002822	4	Marker Strip #5 Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
406	4460956 70002823	1	Terminal, End Barrier Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
407	4460607 70002824	2	Terminal, End Block Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
408	4460957 70002825	7	Terminal, Block Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
409	4461001 70002826	2	Terminal, Cross Connector Jumper Options: Gray Terminal Block Assembly Tan Terminal Block Assembly	
410	3641533	1	Rail, Relay	
	1001094475	Ref	HOURLMETER INSTALLATION (OPTIONAL)	
501	Not Used			
502	0720808	1	Screw #8-32 x 1in	
503	2420165	1	Hourmeter	
504	3310601	2	Nut #6-32	
505	3310805	1	Locknut #8-32	
506	3910608	2	Screw #6-32 x 1/2in	
507	4240032	4	Strap, Tie	
508	4420060	3in/7cm	Tape, Double-Sided	
509	4460234	3	Mount, Tie Strap	
510	4750800	1	Washer #8	
511	4760600	2	Lockwasher #6	
512	1001094375	1	Bracket, Hourmeter	
513	1001094509	1	Harness, Hourmeter	
514	4460018	1	Connector, Butt Splice (Not Shown)	

SECTION 3 BOOM

SECTION 3 BOOM

FIGURE 3-1. BOOM AND CYLINDER INSTALLATION - 800A

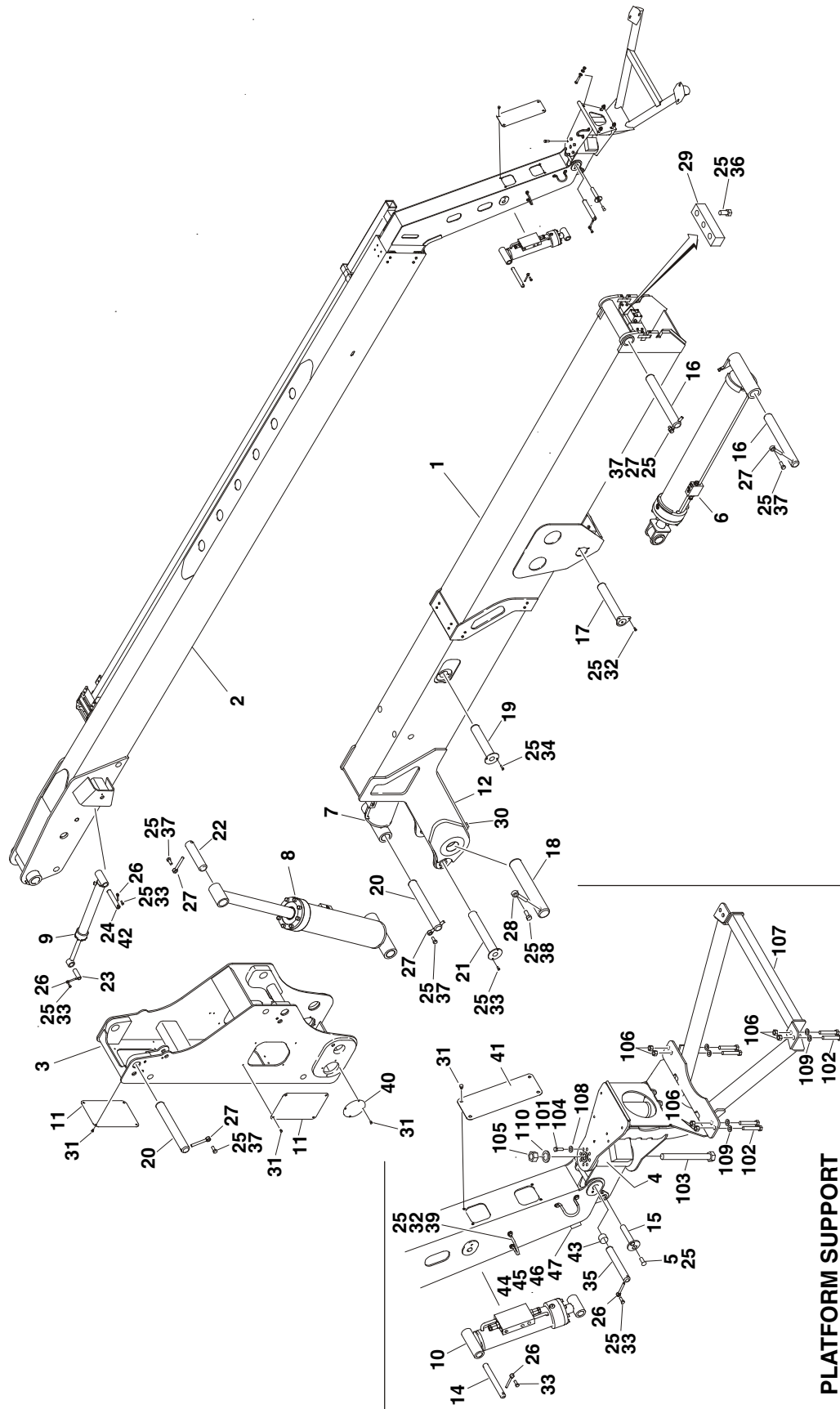


FIGURE 3-1. BOOM AND CYLINDER INSTALLATION - 800A

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0272381	Ref	BOOMS AND CYLINDERS INSTALLATIONS	G
1	0801132	1	Boom Assembly -Tower (See TOWER BOOM ASSEMBLY for Breakdown)	
2	0801135	1	Boom Assembly - Main (See MAIN BOOM ASSEMBLIES for Breakdown)	
3	4845593	1	Upright Weldment	
4	0060069	1	Rotator Actuator Assembly (See ROTATOR ASSEMBLY for Breakdown)	
5	0741607	1	Screw, Countersunk 3/8in-16NC x 7/8in	
6	1683537	1	Lift Cylinder Assembly - Tower Boom (See CYLINDER SECTION for Breakdown)	
7	1684497	1	Level Cylinder Assembly - Upright (See CYLINDER SECTION for Breakdown)	
8	1683547	1	Lift Cylinder Assembly - Main Boom (See CYLINDER SECTION for Breakdown)	
9	1683608	1	Master Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
10	1684408	1	Slave Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
11	1670844	4	Cover, Upright	
12	1670850	1	Cover, Tower Fly	
13	Not Used			
14	3422578	1	Pin	
15	3422580	1	Pin	
16	3422681	2	Pin	
17	3422729	1	Pin	
18	3422683	1	Pin	
19	3422684	1	Pin	
20	3422685	2	Pin	
21	3422686	1	Pin	
22	3422687	1	Pin	
23	3422688	1	Pin	
24	3422689	1	Pin	
25	0100011	AR	Compound, Locking	
26	3841143	4	Keeper, Pin	
27	3841287	5	Keeper, Pin	
28	3841356	1	Keeper, Pin	
29	3340835	1	Pad, Rest	
30	0641404	4	Bolt 1/4in-20NC x 1/2in	
31	0641604	28	Bolt 3/8in-16NC x 1/2in	
32	0641606	6	Bolt 3/8in-16NC x 3/4in	
33	0641608	6	Bolt 3/8in-16NC x 1in	
34	0641611	2	Bolt 3/8in-16NC x 1-3/8in	
35	3422582	1	Pin	
36	0641820	3	Bolt 1/2in-13NC x 2-1/2in	
37	0642214	5	Bolt 3/4in-10NC x 1-3/4in	
38	0642620	1	Bolt 1in-8NC x 2-1/2in	
39	3841340	2	Rod, Hose Loop	
40	1120510	2	Cover, Upright	

SECTION 3 BOOM

FIGURE 3-1. BOOM AND CYLINDER INSTALLATION - 800A (CONTINUED)

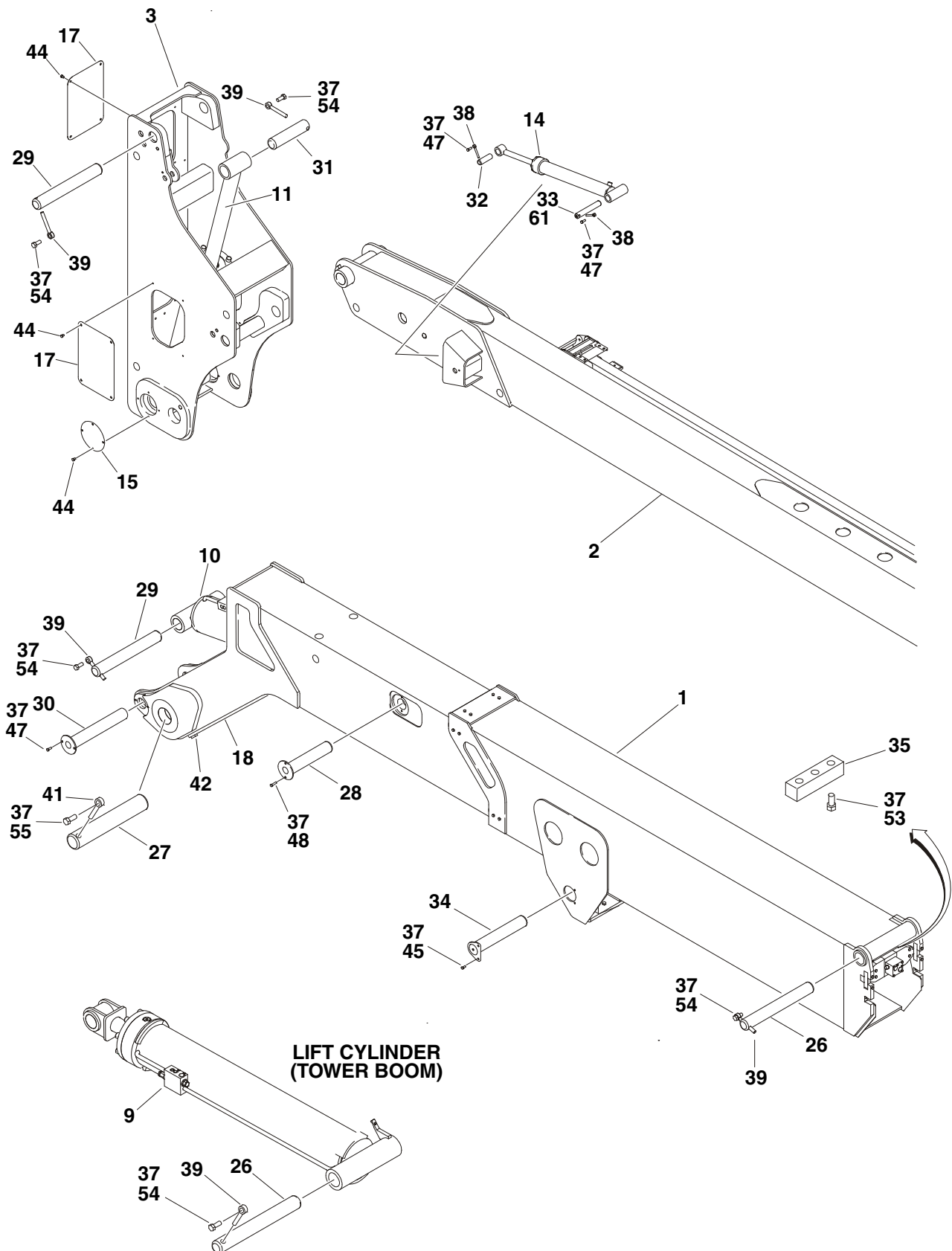
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
41	1670864	1	Cover, Fly Hose	E
42	3900239	1	Setscrew 3/8in-16NC x 1/2in	
43	0961951	2	Bearing, Garmax	
44	0641516	1	Bolt 5/16in-18NC x 2in	
45	1320159	1	Clamp	
46	4711500	1	Flatwasher 5/16in Narrow	
47	3311505	1	Locknut 5/16in x 18NC	
		Ref	PLATFORM SUPPORT INSTALLATION	
	0272070	Ref	Machines without Load Sensing and without SkyGlazier	
	See Note	Ref	Machines without Load Sensing and with SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124242.)	
	See Note	Ref	Machines with Load Sensing and without SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124287.)	
	See Note	Ref	Machines with Load Sensing and with SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124287.)	
101	0100011	AR	Compound, Locking	
102	0641812	8	Bolt 1/2in-13NC x 1-1/2in	
103	0642684	1	Bolt 1in-8NC x 10-1/2in	
104	0681608	8	Bolt 3/8in-16NC x 1in	
105	3300243	1	Locknut 1in-8NC	
106	3311805	8	Locknut 1/2in-13NC	
107	4846573	1	Support Weldment	
108	4891600	8	Flatwasher 3/8in (Hardened)	
109	4891800	8	Flatwasher 1/2in (Hardened)	
110	4892600	1	Flatwasher 1in (Hardened)	

FIGURE 3-1. BOOM AND CYLINDER INSTALLATION - 800A (CONTINUED)

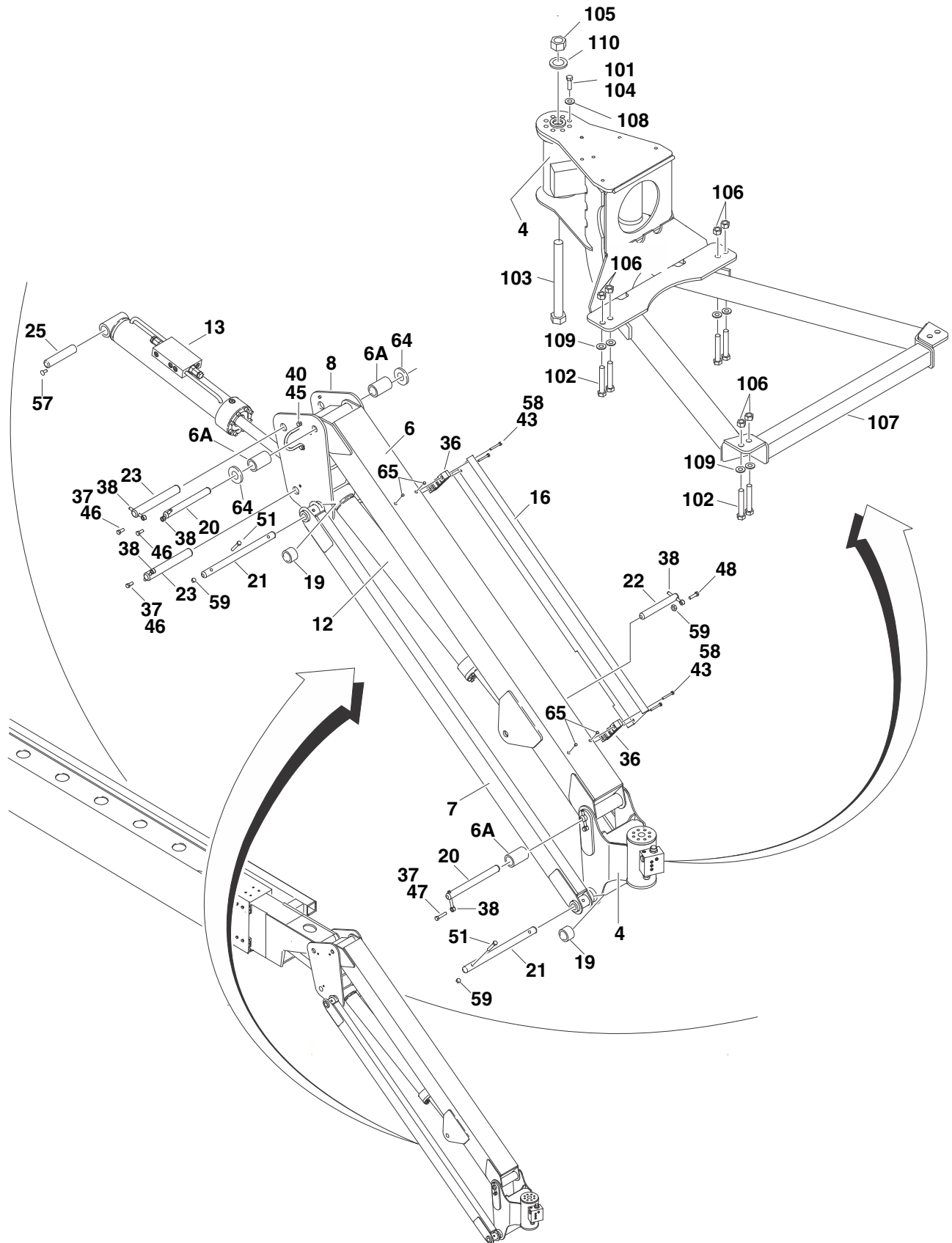
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

SECTION 3 BOOM

FIGURE 3-2. BOOM AND CYLINDER INSTALLATION - 800AJ



PLATFORM SUPPORT



SECTION 3 BOOM

FIGURE 3-2. BOOM AND CYLINDER INSTALLATION - 800AJ

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	BOOMS AND CYLINDERS INSTALLATIONS	
	0272131	Ref	Machines without Arctic Package	L
	1001138790	Ref	Machines with Arctic Package	C
1	0801132	1	Boom Assembly -Tower (See TOWER BOOM ASSEMBLY for Breakdown)	
2		1	Boom Assembly - Main Options (See MAIN BOOM ASSEMBLY for Breakdown):	
	0801136		USA Built Machines SN 0300140000 to SN 0300169023 & China Built Machines SN B300000100 to SN B300000743	
	1001149286		USA Built Machines SN 0300169023 to SN 030183033 & China Built Machines SN B300000743 to Present	
3	4845593	1	Upright Weldment	
4	0060066	1	Rotator Actuator Assembly (See ROTATOR ASSEMBLY for Breakdown)	
5	Not Used			
6	4844816	1	Tube Weldment - Jib Top	
6A	0962335	4	Bearing, Composite	
7	4844817	2	Tube Weldment - Jib Bottom	
8	4845716	1	Pivot Weldment	
9	1683537	1	Lift Cylinder Assembly - Tower Boom (See CYLINDER SECTION for Breakdown)	
10	1684497	1	Level Cylinder Assembly - Upright (See CYLINDER SECTION for Breakdown)	
11	1683547	1	Lift Cylinder Assembly - Main Boom (See CYLINDER SECTION for Breakdown)	
12		1	Lift Cylinder Assembly - Jib Options (See CYLINDER SECTION for Breakdown):	
	1683609		Machines without Arctic Package	
	1001138792		Machines with Arctic Package	
13		1	Slave Cylinder Assembly Options (See CYLINDER SECTION for Breakdown):	
	1684228		Machines without Arctic Package	
	1001138791		Machines with Arctic Package	
14		1	Master Cylinder Assembly Options (See CYLINDER SECTION for Breakdown):	
	1683682		Machines without Arctic Package	
	1001138793		Machines with Arctic Package	
15	1120510	2	Cover, Upright	
16	1670769	1	Cover, Cable	
17	1670844	4	Cover, Upright	
18	1670850	1	Cover, Tower Fly	
19	0961947	6	Bearing, Garmax	
20	3422860	2	Pin	
21	3422861	2	Pin	
22	3422867	1	Pin	
23	3422561	2	Pin	
24	Not Used			
25	3422583	1	Pin	
26	3422681	2	Pin	
27	3422683	1	Pin	

FIGURE 3-2. BOOM AND CYLINDER INSTALLATION - 800AJ (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
28	3422684	1	Pin	
29	3422685	2	Pin	
30	3422686	1	Pin	
31	3422687	1	Pin	
32	3422688	1	Pin	
33	3422689	1	Pin	
34	3422729	1	Pin	
35	3340835	1	Pad, Rest	
36	0561237	2	Clamp, Block	
37	0100011	AR	Compound, Locking	
38	3841143	7	Keeper, Pin	
39	3841287	5	Keeper, Pin	
40	3841340	1	Rod, Hose Loop	
41	3841356	1	Keeper, Pin	
42	0641404	4	Bolt 1/4in-20NC x 1/2in	
43	0641416	4	Bolt 1/4in-20NC x 2in	
44	0641604	24	Bolt 3/8in-16NC x 1/2in	
45	0641606	4	Bolt 3/8in-16NC x 3/4in	
46	0641607	3	Bolt 3/8in-16NC x 7/8in	
47	0641608	5	Bolt 3/8in-16NC x 1in	
48	0641611	3	Bolt 3/8in-16NC x 1-3/8in	
49 to 50	Not Used			
51	0641618	4	Bolt 3/8in-16NC x 2-1/4in	
52	Not Used			
53	0641820	3	Bolt 1/2in-13NC x 2-1/2in	
54	0642214	5	Bolt 3/4in-10NC x 1-3/4in	
55	0642620	1	Bolt 1in-8NC x 2-1/2in	
56	Not Used			
57	0741607	1	Screw, Countersunk 3/8in-16NC x 7/8in	
58	2080044	4	Rivnut 1/4in-20NC	
59	3311605	5	Locknut 3/8in-16NC	
60	Not Used			
61	3900239	1	Setscrew 3/8in-16NC x 1/2in (USA Built Machines SN 0300140000 to SN 0300172452 & China Built Machines SN B300000100 to SN B300000778)	
62 to 63	Not Used			
64	4740439	2	Washer, Thrust	
65	3520034	4	Plug (USA Built Machines SN 0300176303 to SN 030183033 & China Built Machines SN B300000826 to Present)	

SECTION 3 BOOM

FIGURE 3-2. BOOM AND CYLINDER INSTALLATION - 800AJ (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	PLATFORM SUPPORT INSTALLATION (SIDE ENTRY PLATFORM)	
	0272070	Ref	Machines without Load Sensing and without SkyGlazier.	E
	See Note	Ref	Machines without Load Sensing and with SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124242.)	
	See Note	Ref	Machines with Load Sensing and without SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124287.)	
	See Note	Ref	Machines with Load Sensing and with SkyGlazier (Note: For Replacement Parts, Contact JLG Customer Service and Request Manual p/n 3124287.)	
101	0100011	AR	Compound, Locking	
102	0641812	8	Bolt 1/2in-13NC x 1-1/2in	
103	0642684	1	Bolt 1in-8NC x 10-1/2in	
104	0681608	8	Bolt 3/8in-16NC x 1in	
105	3300243	1	Locknut 1in-8NC	
106	3311805	8	Locknut 1/2in-13NC	
107	4846573	1	Support Weldment	
108	4891600	8	Flatwasher 3/8in (Hardened)	
109	4891800	8	Flatwasher 1/2in (Hardened)	
110	4892600	1	Flatwasher 1in (Hardened)	

FIGURE 3-2. BOOM AND CYLINDER INSTALLATION - 800AJ (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

SECTION 3 BOOM

FIGURE 3-3. TOWER BOOM ASSEMBLY

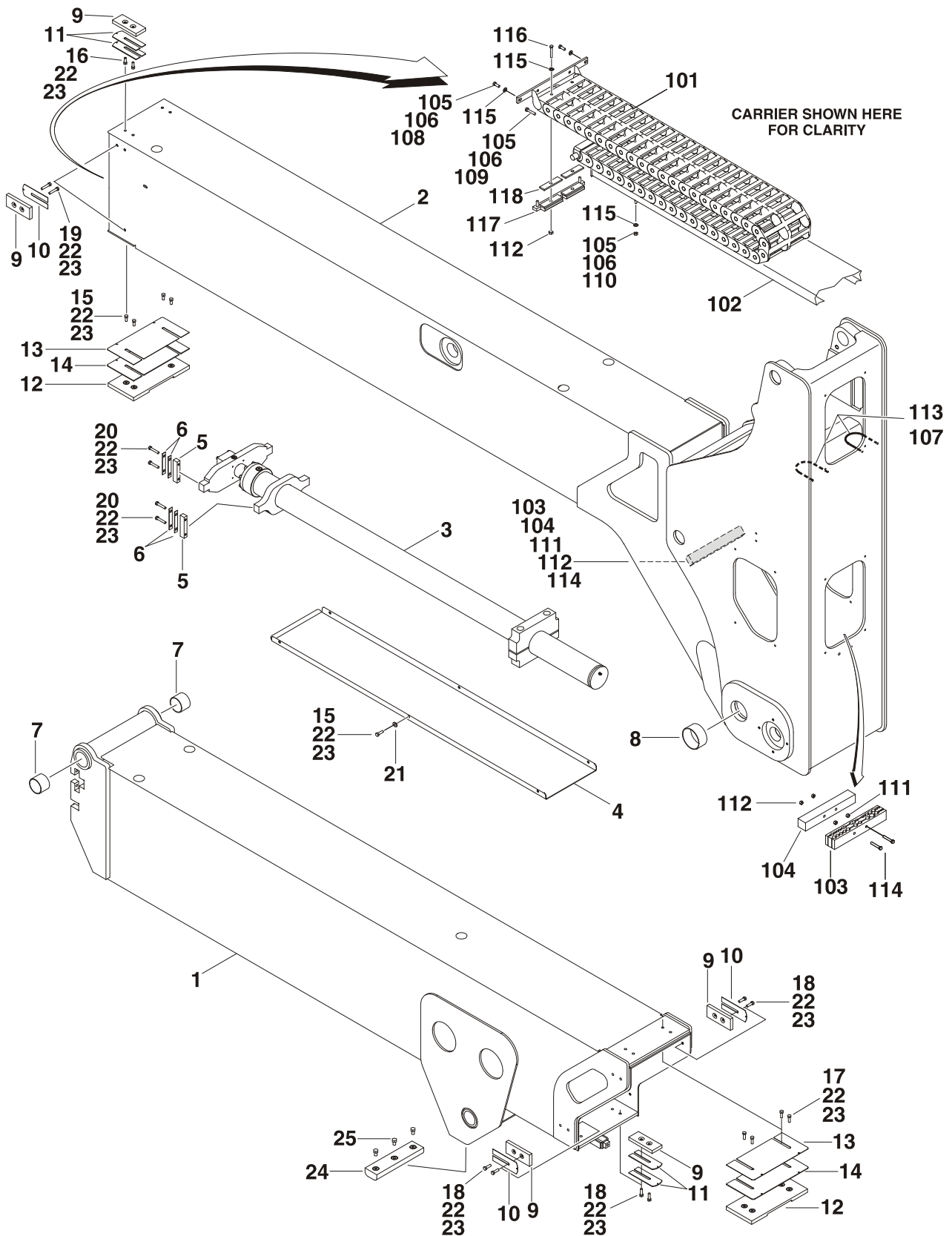


FIGURE 3-3. TOWER BOOM ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0801132	Ref	TOWER BOOM ASSEMBLY	F
1	0801594	1	Base Weldment	
2	0801496	1	Fly Weldment	
3	1683606	1	Cylinder Assembly - Tower Telescope (See CYLINDER SECTION for Breakdown)	
4	4340706	1	Support	
5	0561185	4	Block, Attach	
6	4070929	4	Shim 1/16in	
	4071007	4	Shim 20Ga	
7	0962102	2	Bushing, Garmax	
8	0962122	2	Bushing, Garmax	
9	3340881	12	Pad, Wear	
10	4070897	8	Shim .05	
11	4070898	8	Shim .12	
12	3340828	2	Pad, Wear	
13	4070967	2	Shim .05	
14	4070968	2	Shim .12	
15	0641607	10	Bolt 3/8in-16NC x 7/8in	
16	0641608	4	Bolt 3/8in-16NC x 1in	
17	0641609	4	Bolt 3/8in-16NC x 1-1/8in	
18	0641610	12	Bolt 3/8in-16NC x 1-1/4in	
19	0641615	8	Bolt 3/8in-16NC x 1-7/8in	
20	0641616	8	Bolt 3/8in-16NC x 2in	
21	4711600	6	Flatwasher 3/8in Narrow	
22	0100011	AR	Compound, Locking	
23	0100038	AR	Primer, Locking	
24	3340835	1	Pad, Boom Rest	
25	0641806	3	Bolt 1/2in-13NC x 3/4in	
		Ref	POWER TRACK INSTALLATIONS	
	0257764	Ref	Without Arctic Package	H
	1001094661	Ref	With Arctic Package	B
101	1180346	1	Carrier	
	7020064	1	Bracket, End (Moving)	
	7020065	1	Bracket, End (Fixed)	
	7020066	1	Section, Repair 1Foot	
	7020067	1	Link, Repair	
102	4845680	1	Hose Tube Weldment	
103		2	Clamp, Block Options:	
	1320251		Without Arctic Package	
	1001094662		With Arctic Package	
104	1320250	2	Bar, Clamp	
105	0100011	AR	Compound, Locking	
106	0100038	AR	Primer, Locking	
107	0641605	4	Bolt 3/8in-16NC x 5/8in	
108	0641606	2	Bolt 3/8in-16NC x 3/4in	
109	0641622	2	Bolt 3/8in-16NC x 2-3/4in	

SECTION 3 BOOM

FIGURE 3-3. TOWER BOOM ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
110	3311601	4	Nut 3/8in-16NC	
111	3311602	4	Nut, Jam 3/8in-16NC	
112	3311605	6	Locknut 3/8in-16NC	
113	3841340	2	Rod, Hose Loop	
114	3900262	4	Bolt 3/8in16NC x 4-3/4in	
115	4711600	AR	Flatwasher 3/8in Narrow	
116	0641624	2	Bolt 3/8in-16NC x 3in	
117	0259420	1	Clamp Assembly	
	3340859	2	Pad, Rubber	
118	3340859	2	Pad, Rubber	

FIGURE 3-3. TOWER BOOM ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

SECTION 3 BOOM

FIGURE 3-4. MAIN BOOM ASSEMBLIES

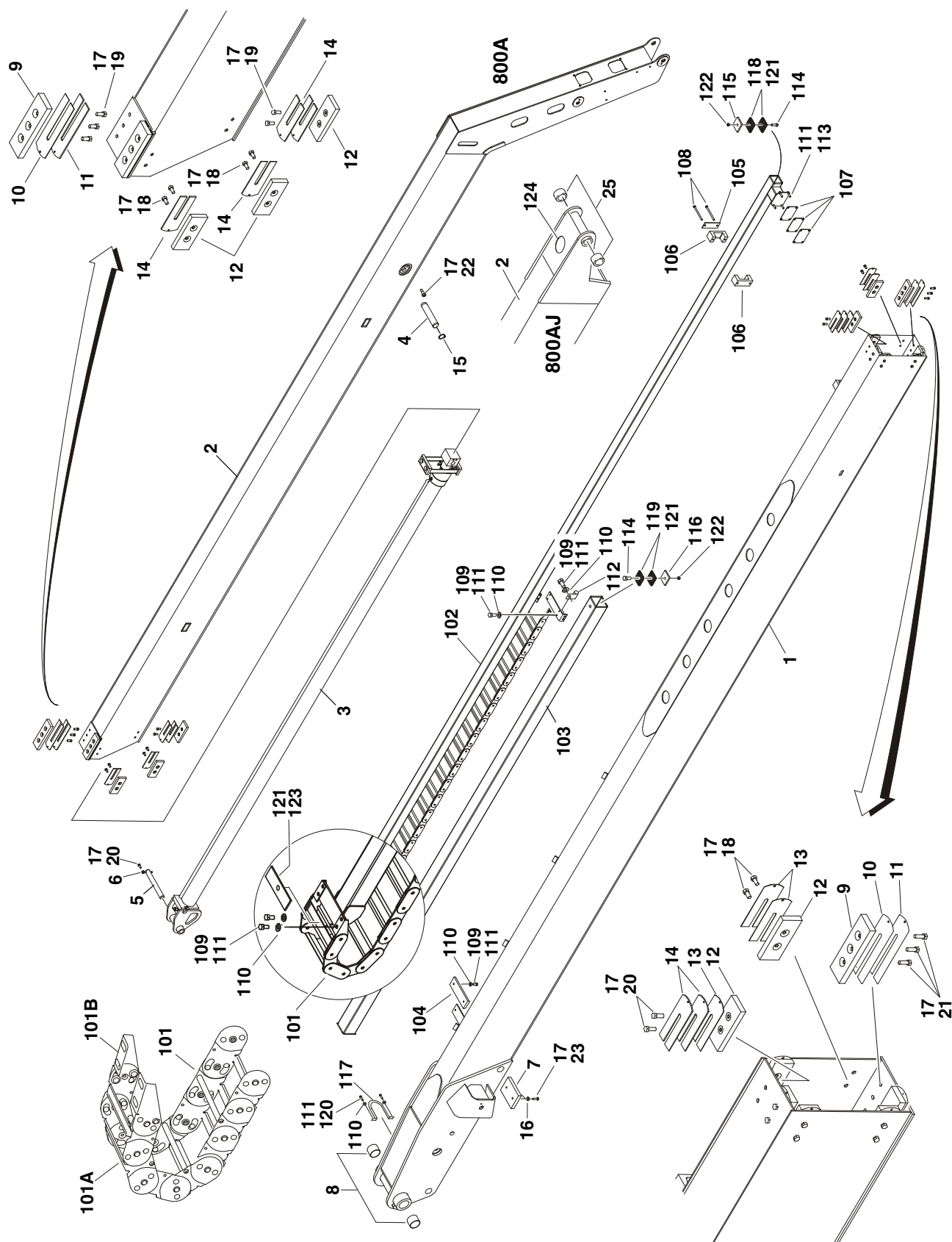


FIGURE 3-4. MAIN BOOM ASSEMBLIES

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	MAIN BOOM ASSEMBLY OPTIONS:	
	0801135	Ref	800A	I
		Ref	800AJ	
	0801136	Ref	USA Built Machines SN 0300140000 to SN 0300169023 & China Built Machines SN B300000100 to SN B300000743	J
	1001149286	Ref	USA Built Machines SN 0300169023 to SN 030183033 & China Built Machines SN B300000743 to Present	A
1		1	Base Weldment Options:	
	0801585		800A	
	0801591		800AJ	
2		1	Fly Weldment Options:	
	0801138		800A	
	0801573		800AJ	
3		1	Telescope Cylinder Assembly Options (See CYLINDER SECTION for Breakdown):	
	1683607		800A	
			800AJ	
	1683672		USA Built Machines SN 0300140000 to SN 0300169023 & China Built Machines SN B300000100 to SN B300000743	
	1001149284		USA Built Machines SN 0300169023 to SN 030183033 & China Built Machines SN B300000743 to Present	
4	3422457	1	Pin	
5	3422690	1	Pin	
6	3841143	1	Keeper, Pin	
7	0561295	1	Block, Boom Rest	
8	0962102	2	Bushing, Garmax	
9	3340871	4	Pad, Wear	
10	4070863	4	Shim 1/8in	
11	4070864	4	Shim .05	
12		12	Pad, Wear Options:	
	3340881		USA Built Machines SN 0300140000 to SN 0300169344 & China Built Machines SN B300000100 to SN B300000748	
	1001148652		USA Built Machines SN 0300169344 to SN 030183033 & China Built Machines SN B300000748 to Present	
13	4070897	10	Shim .05	
14	4070898	12	Shim 1/8in	
15	3760133	2	Ring, Retaining	
16	4711600	2	Flatwasher 3/8in Narrow	
17	0100011	AR	Compound, Locking	
18	0641606	16	Bolt 3/8in-16NC x 3/4in	
19	0641607	10	Bolt 3/8in-16NC x 7/8in	
20	0641608	5	Bolt 3/8in-16NC x 1in	
21	0641609	6	Bolt 3/8in-16NC x 1-1/8in	
22	3900259	4	Bolt, Shoulder	
23	0641612	2	Bolt 3/8in-16NC x 1-1/2in	
24	Not Used			

SECTION 3 BOOM

FIGURE 3-4. MAIN BOOM ASSEMBLIES (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
25		A/R	Bushing, Garmax	J H
	Not Required	0	800A	
	0961951	2	800AJ	
		Ref	POWER TRACK INSTALLATION OPTIONS:	
	0258076	Ref	800A	
	0258077	Ref	800AJ	
101		1	Carrier Options:	
	1001099840	1	800A	
	1001099837	1	800AJ	
101A	70002013	AR	Carrier Repair Section (2ft length - Includes 1 Pin Assembly for each end)	
101B	70002014	1	Mounting Foot Kit (Includes Both Pair of Feet)	
102		1	Push Tube Weldment	
	4845701		800A	
	4845729		800AJ	
103		1	Support	
	4845702		800A	
	4845730		800AJ	
104	3340840	1	Pad	
105	3538758	1	Plate, Backing	
106	3340764	2	Pad	
107	4070969	3	Shim	
108	0641640	2	Bolt 3/8in-16NC x 5in	
109	0641606	AR	Bolt 3/8in-16NC x 3/4in	
110	4711600	22	Flatwasher 3/8in Narrow	
111	0100011	AR	Compound, Locking	
112	1320263	1	Clamp, Loop	
113	0641612	4	Bolt Options:	
	0641612		800A (Bolt 3/8in-16NC x 1-1/2in)	
	0641607		800AJ (Bolt 3/8in-16NC x 7/8in)	
114	0641624	2	Bolt 3/8in-16NC x 3in	
115	1320289	1	Clamp, Hose	
116	1320288	1	Clamp, Hose	
117	3841406	1	Loop, Hose	
118	3340943	2	Pad, Rubber	
119	3340941	2	Pad, Rubber	
120	3900283	2	Screw, Button Head 3/8in-16NC x 3/4in	
121	0100081	AR	Adhesive	
122	3311605	2	Locknut 3/8in-16NC	
123	4071052	2	Shim	
124		AR	Flex-Trim	
	Not Required	0	800A	
	4060805	8in/20cm	800AJ	

FIGURE 3-4. MAIN BOOM ASSEMBLIES (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

FIGURE 3-5. ROTATOR ASSEMBLY

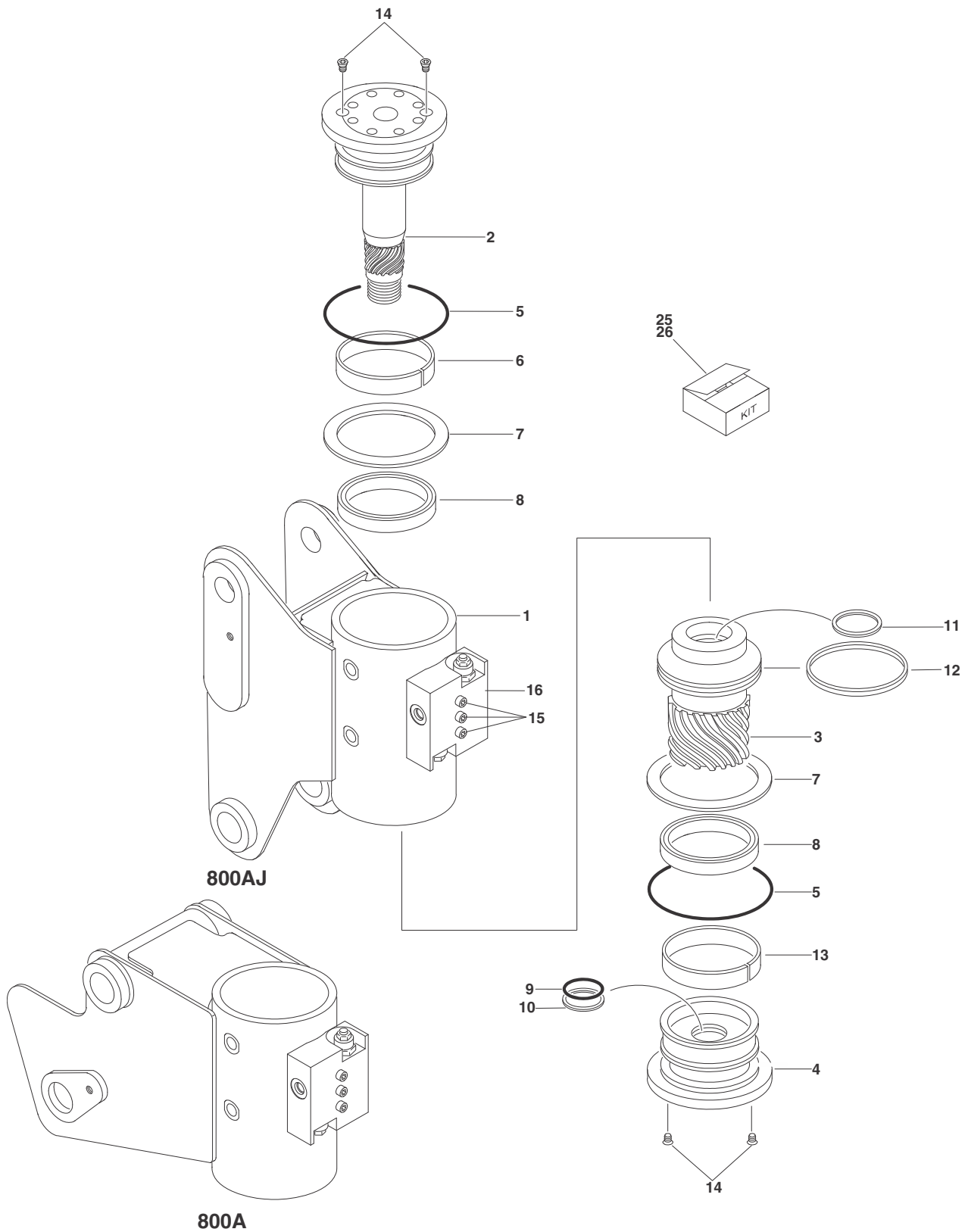


FIGURE 3-5. ROTATOR ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	ROTATOR ASSEMBLIES	
	0060069	Ref	800A	A
	0060066	Ref	800AJ	C
1	See Note	1	Housing/Ring Gear Assembly (Note: Not Available - Purchase Complete Assembly)	
2	7017162	1	Weldment, Shaft	
3	7017163	1	Piston/Sleeve Assembly	
4	7017164	1	Cap, End	
5	See Note	2	O-Ring (Note: Use Item 25)	
6	Use 7017159	1	Bearing, Shaft	
7	Use 7017159	2	Washer, Thrust	
8	See Note	2	Packing, Bearing (Note: Use Item 25)	
9	See Note	1	Seal, Cap (Note: Use Item 25)	
10	See Note	1	Ring, Back-Up Cap (Note: Use Item 25)	
11	See Note	1	Seal, Rod (Note: Use Item 25)	
12	See Note	1	Seal, Piston (Note: Use Item 25)	
13	Use 7017159	1	Bearing, Cap	
14	70001697	6	Capscrew 1/4in-20NC x 3/8in (Grade 8)	
15	See Note	3	Bolt 1/4in-20NC (Grade 8) (Note: Not Available for Purchase)	
16	7017183	1	Valve Assembly	
	7017193	2	Cartridge, Valve	
	See Note	2	Seal Kit - 7017193 Valve (Note: Not Available - Purchase Complete Assembly)	
	See Note	1	Cartridge, Valve (Not Shown - Located on Side of Block) (Note: Not Available - Purchase Complete Assembly)	
	See Note	1	Seal Kit - Valve Located on Side of Block (Note: Not Available - Purchase Complete Assembly)	
17 to 24	Not Used			
25		1	Seal Kit Options (Includes Items 5, 8- 12):	
	7017158		Standard	
	70000342		Low Temperature	
26	7017159	1	Bearing Kit (Includes Items 6, 7 & 13)	

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FIGURE 3-6. VALVE AND LIMIT SWITCH INSTALLATIONS (BOOM MOUNTED)

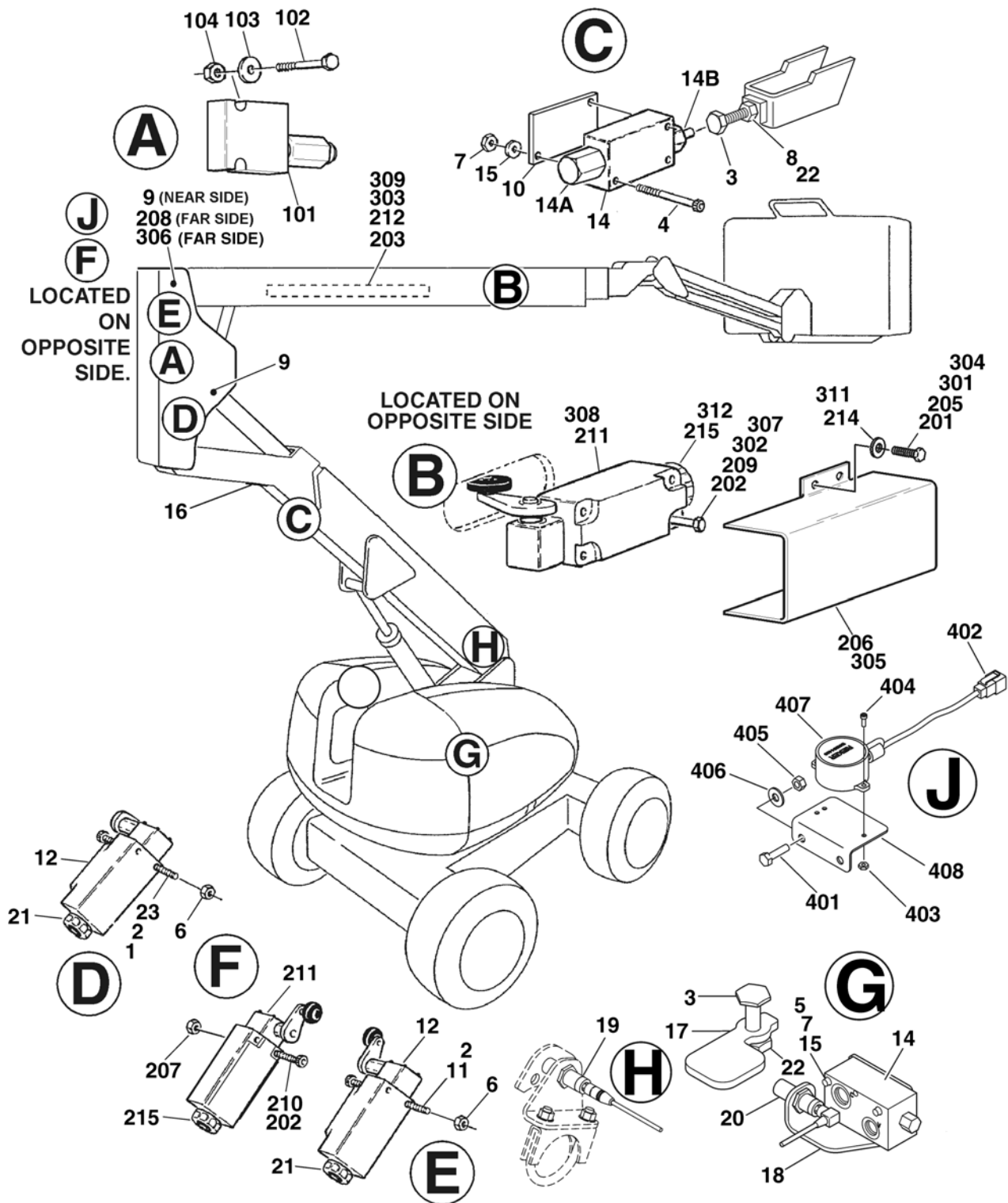


FIGURE 3-6. VALVE AND LIMIT SWITCH INSTALLATIONS (BOOM MOUNTED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0258217	Ref	BOOM VALVES AND LIMIT SWITCHES INSTALLATION	Q
1	0100011	AR	Compound, Locking	
2	0100035	AR	Compound, Locking (USA Built Machines SN 0300140000 to SN 0300165362 & China Built Machines SN B300000100 to SN B300000691)	
3	0630427	2	Bolt, Special	
4	3931436	3	Bolt 1/4in-20NC x 2-1/4in	
5	3931464	3	Bolt 1/4in-20NC x 4in	
6		4	Nut Options:	
	3310805		Locknut #8-32NC	
	3310801		Nut #8-32NC	
7	3311405	6	Locknut 1/4in-20NC	
8	3311801	1	Nut 1/2in-13NC	
9	3520035	2	Plug, Cap	
10	3570928	2	Plate, Spacer	
11	3930824	2	Capscrew, Socket Head #8-32NC x 1-1/2in	
12	4360578	2	Switch, Limit	
13	Not Used			
14	4641435	2	Valve, Switch	
14A	7011342	2	Valve, Check (1 per Assembly)	
	7011333	2	Seal Kit - Check Valve (1 per Assembly)	
14B	See Note	2	Valve, Plunger (1 per Assembly) (Note: Not Available for Purchase.)	
	See Note	2	Seal Kit (1 per Assembly) (Note: Not Available for Purchase.)	
15	4751400	6	Flatwasher 1/4in	
16	4060805	7in/25cm	Trim, Edge	
17	3572606	1	Plate, Lower Boom Proximity Switch Target	
18	3572607	1	Plate, Lower Boom Proximity Switch Mount	
19	4360498	1	Switch Proximity	
20	4360499	1	Switch Proximity	
21	4460968	2	Connector, Strain Relief	
22	88521008	2	Locknut 1/2in-13NC	
23	3930824	2	Capscrew, Socket Head #8-32NC x 1-1/2in	
	0274640	Ref	VALVES INSTALLATION	D
101	4640929	1	Valve Assembly (Relief)	
	7012970	1	Cartridge	
	7012953	1	Seal Kit - 7012970 Cartridge	
102	0641416	2	Bolt 1/4in-20NC x 2in	
103	4711400	4	Flatwasher 1/4in Narrow	
104	3311405	2	Locknut 1/4in-20NC	

SECTION 3 BOOM

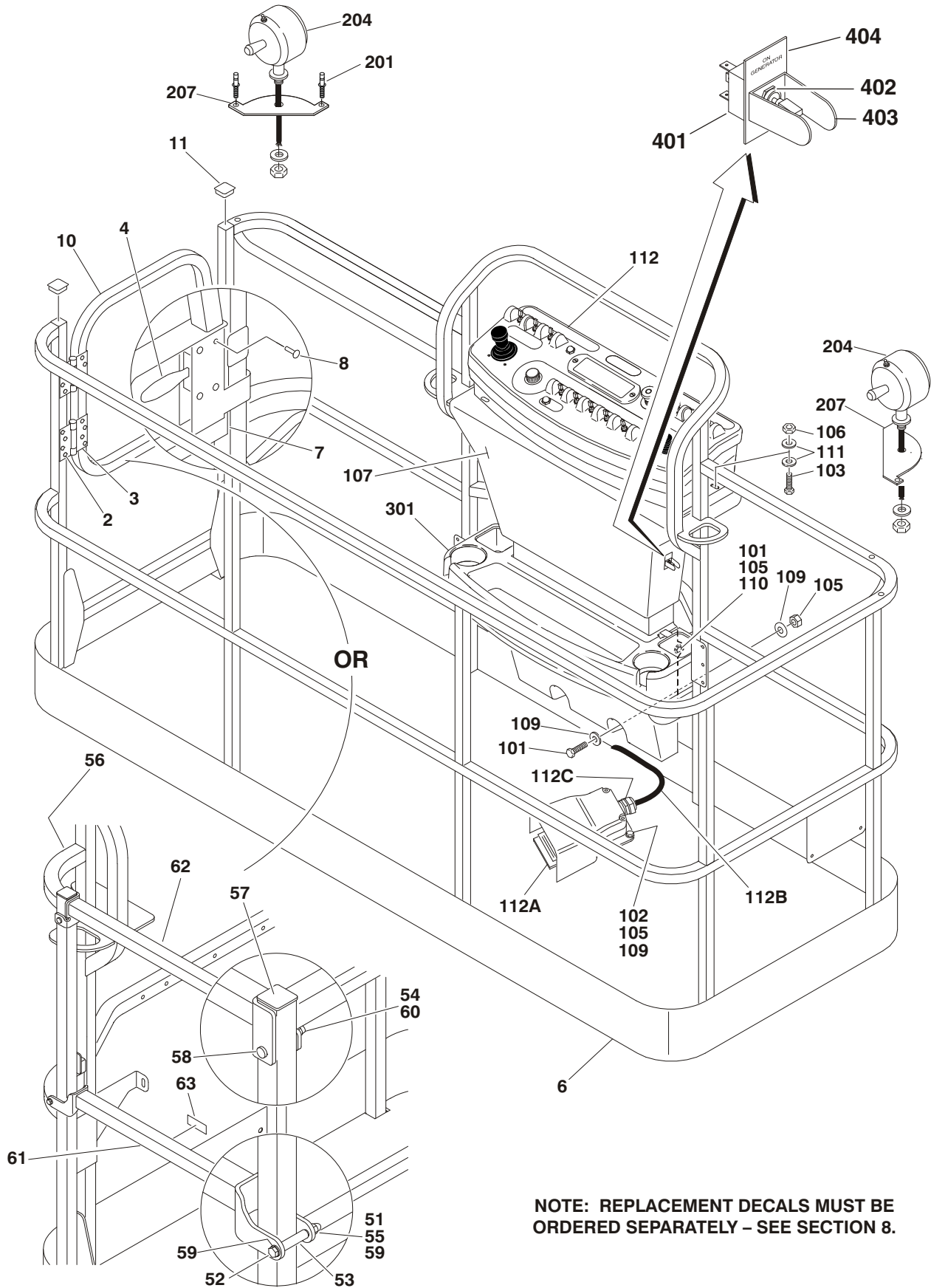
FIGURE 3-6. VALVE AND LIMIT SWITCH INSTALLATIONS (BOOM MOUNTED) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0258338	Ref	LIMIT SWITCHES INSTALLATION - 800A DUAL CAPACITY	H
201	0100011	AR	Compound, Locking	
202	0100035	AR	Compound, Locking	
203	1001106482	1	Bar, Fiberglass	
204	Not Used			
205	0641403	4	Bolt 1/4in-20NC x 3/8in	
206	3380535	1	Cover	
207	3310801	2	Locknut #8-32NC	
208	3520035	1	Plug, Cap	
209	3930816	2	Capscrew, Socket Head #8-32NC x 1in	
210	3930824	2	Capscrew, Socket Head #8-32NC x 1-1/2in	
211	4360578	2	Switch, Limit	
212	4420060	2	Tape, Double Sided	
213	Not Used			
214	4751400	4	Flatwasher 1/4in	
215	4460968	2	Connector, Strain Relief	
		Ref	TRANSPORT POSITION SWITCH INSTALLATIONS (CE SPEC)	
	0258384	Ref	800A	F
	0258567	Ref	800AJ	F
301	0100011	AR	Compound, Locking	
302	0100035	AR	Compound, Locking	
303		1	Bar, Fiberglass Options:	
	1001106477		800A	
	1001106481		800AJ	
304	0641403	4	Bolt 1/4in-20NC x 3/8in	
305	3380535	1	Cover, Switch	
306	3520035	1	Plug, Cap	
307	3930816	2	Capscrew, Socket Head #8-32NC x 1in	
308	4360578	1	Switch, Limit	
309	4420060	AR	Tape, Double Sided Foam	
310	Not Used			
311	4751400	1	Flatwasher 1/4in	
312	4460968	1	Connector, Strain Relief	
	0275733	Ref	TILT SENSOR INSTALLATION	A
401	0641408	2	Bolt 1/4in-20NC x 1in	
402	0100048	AR	Grease, Dielectric	
403	3310605	3	Locknut #6-32 NC	
404	3930606	3	Screw #6-32 NC	
405	3311405	2	Locknut 1/4in-20NC	
406	4751400	2	Flatwasher 1/4in	
407	1001094400	1	Sensor, Dual Axis	
408	1001096736	1	Bracket, Tilt Sensor	

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FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION



SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	PLATFORM ASSEMBLIES:	
	Use 1001144027	Ref	Platform 30in x 4ft (76cm x 1.22m) with No Mesh (USA Built Machines SN 0300140000 to SN 0300168426 & China Built Machines SN B300000100 to SN B300000734) (was p/n 3510830)	B/M
	1001144027	Ref	Platform 30in x 4ft (76cm x 1.22m) with No Mesh (USA Built Machines SN 0300168426 to SN 030183033 & China Built Machines SN B300000734 to Present)	B
	1001144025	Ref	Platform 30in x 6ft (76cm x 1.83m) with No Mesh	A
	Use 1001144024	Ref	Platform 36in x 6ft (91.5cm x 1.83m) with No Mesh (USA Built Machines SN 0300140000 to SN 0300168426 & China Built Machines SN B300000100 to SN B300000734) (was p/n 3510833)	B/I
	1001144024	Ref	Platform 36in x 6ft (91.5cm x 1.83m) with No Mesh (USA Built Machines SN 0300168426 to SN 030183033 & China Built Machines SN B300000734 to Present)	B
	Use 1001144023	Ref	Platform 36in x 8ft (91.5cm x 2.44m) with No Mesh (USA Built Machines SN 0300140000 to SN 0300168426 & China Built Machines SN B300000100 to SN B300000734) (was p/n 3510822)	B/J
	1001144023	Ref	Platform 36in x 8ft (91.5cm x 2.44m) with No Mesh (USA Built Machines SN 0300168426 to SN 030183033 & China Built Machines SN B300000734 to Present)	B
		Ref	Note: Original Equipment platform may have been replaced with Service Replacement platform. Identify platform before ordering parts.	
		Ref	Note: For Platforms with Mesh to Top Rail, Platforms & Mesh must be ordered separately. See SPECIAL OPTIONS SECTION for Mesh Installations.	
		Ref	Note: Replacement Decals Must be purchased separately - See DECAL SECTION.	
		Ref	Note: When replacing 8ft/2.44m platform with Soft Touch option, new Soft Touch Rail p/n 4846673 must be purchased to accommodate limit switch locations.	
		Ref	Note: When replacing platform on machines with SkyCutter option, new bracket p/n 1001145405 must be purchased to accommodate SkyCutter components.	
1	Not Used			
2	2080040	16	Fastener, Huck	
3	2600281	2	Hinge, Self-Closing	
4	2940074	1	Latch	
5	Not Used			
6	See Note	1	Platform Weldment (Note: Not Available - Purchase Platform Assembly.)	
7	3520072	1	Cap-Plug	
8	3820020	4	Rivet, Pop	
9	Not Used			
10		1	Gate Weldment Options:	
	4846452		Gate for Platform p/ns 3510822, 3510830 & 3510833	
	1001144629		Gate for Platform p/ns 1001144023, 1001144024 & 1001144027	
11	3520198	2	Cap-Plug	

SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	PLATFORM ASSEMBLY WITH DROP-BAR	
	Use 1001144018	Ref	Platform 30in x 4ft (76cm x 1.22m) with No Mesh (USA Built Machines SN 0300140000 to SN 0300168426 & China Built Machines SN B300000100 to SN B300000734) (was p/n 1001138431)	B/B
	1001144018	Ref	Platform 30in x 4ft (76cm x 1.22m) with No Mesh (USA Built Machines SN 0300168426 to SN 030183033 & China Built Machines SN B300000734 to Present)	B
	1001144020	Ref	Platform 30in x 6ft (76cm x 1.83m) with No Mesh	A
	Use 1001144021	Ref	Platform 36in x 6ft (91.5cm x 1.83m) with No Mesh (USA Built Machines SN 0300140000 to SN 0300168426 & China Built Machines SN B300000100 to SN B300000734) (was p/n 1001138434)	B/B
	1001144021	Ref	Platform 36in x 6ft (91.5cm x 1.83m) with No Mesh (USA Built Machines SN 0300168426 to SN 030183033 & China Built Machines SN B300000734 to Present)	B
	Use 1001144022	Ref	Platform 36in x 8ft (91.5cm x 2.44m) with No Mesh (USA Built Machines SN 0300140000 to SN 0300168426 & China Built Machines SN B300000100 to SN B300000734) (was p/n 1001138430)	B/B
	1001144022	Ref	Platform 36in x 8ft (91.5cm x 2.44m) with No Mesh (USA Built Machines SN 0300168426 to SN 030183033 & China Built Machines SN B300000734 to Present)	B
		Ref	Note: Original Equipment platform may have been replaced with Service Replacement platform. Identify platform before ordering parts.	
		Ref	Note: Replacement Decals Must Be Ordered Separately - See DECAL SECTION.	
		Ref	Note: When replacing 8ft/2.44m platform with Soft Touch option, new Soft Touch Rail p/n 4846673 must be purchased to accommodate limit switch locations.	
		Ref	Note: When replacing platform on machines with SkyCutter option, new bracket p/n 1001145405 must be purchased to accommodate SkyCutter components.	
51	0100011	AR	Compound, Locking	
52	0641418	2	Bolt 1/4in-20NC x 2-1/4in	
53	0961845	2	Bushing	
54	3290606	2	Nut M6	
55	3300151	2	Nut, Acorn	
56	See Note	1	Platform Weldment (Note: Not Available - Purchase Complete Platform Assembly.)	
57	3520198	2	Cap-Plug	
58	4010618	2	Screw M6 x 50mm	
59	4711400	4	Flatwasher 1/4in	
60	4811700	2	Flatwasher M6	
61	1001138494	1	Bar, Drop	
62	1001138514	1	Rail (Top)	
63	1001140429	1	Decal - Drop-Bar	

SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	CONSOLE BOX INSTALLATIONS	
	1001114446	Ref	USA Built Machines SN 0300140000 to SN 0300143928 & China Built Machines SN B300000100 to SN B300000202	C
	1001117427	Ref	USA Built Machines SN 0300143928 to SN 030183033 & China Built Machines SN B300000202 to Present	A
101	0641406	4	Bolt 1/4in-20NC x 3/4in	
102	0641408	3	Bolt 1/4in-20NC x 1in	
103	0641610	4	Bolt 3/8in-16NC x 1-1/4in	
104	Not Used			
105	3311405	7	Locknut 1/4in-20NC	
106	3311605	4	Locknut 3/8in-16NC	
107	3380434	1	Panel, Decal Mount	
108	Not Used			
109	4740362	7	Washer, Fender 1/4in	
110	4751400	4	Flatwasher 1/4in (Wide)	
111	4751600	8	Flatwasher 3/8in (Wide)	
112		1	Platform Console Box Assembly (See PLATFORM CONSOLE ASSEMBLY for Breakdown)	
	1001114448		USA Built Machines SN 0300140000 to SN 0300143928 & China Built Machines SN B300000100 to SN B300000202	
	1001117428		USA Built Machines SN 0300143928 to SN 030183033 & China Built Machines SN B300000202 to Present	
112A		1	Footswitch Assembly Options (Includes Footswitch & Items 112B - 112E):	
	0272970	1	USA Built Machines SN 0300140000 to SN 0300143928 & China Built Machines SN B300000100 to SN B300000202	
	1001117174		USA Built Machines SN 0300143928 to SN 030183033 & China Built Machines SN B300000202 to Present	
		Ref	Note: Assembly p/n 0272970 may use either p/n 4360031 or p/n 1001117320. If Original Equipment was replaced as an "assembly," p/n 1001117320 may have been used as part of the Service Replacement. Identify component before ordering parts.	
		1	Footswitch Less Cable Options:	
	4360031		Original Equipment	
	7000625	2	Contact Block for 4360031 Footswitch	
	1001117320		Service Replacement for p/n 4360031 Footswitch (USA Built Machines SN 0300140000 to SN 0300143928 & China Built Machines SN B300000100 to SN B300000202)	
	70003483	1	Contact Block for 1001117320 Footswitch	
	1001117172	Ref	USA Built Machines SN 0300143928 to SN 030183033 & China Built Machines SN B300000202 to Present	
	70002902	1	Switch, 20Amp	
	70002903	1	Gasket	
	70002904	4	Replacement Kit, Bolt	
	70002905	1	Cover, Aluminum	
112B	1060918	7ft/2.14m	Cable, Electrical - 18/3	

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FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

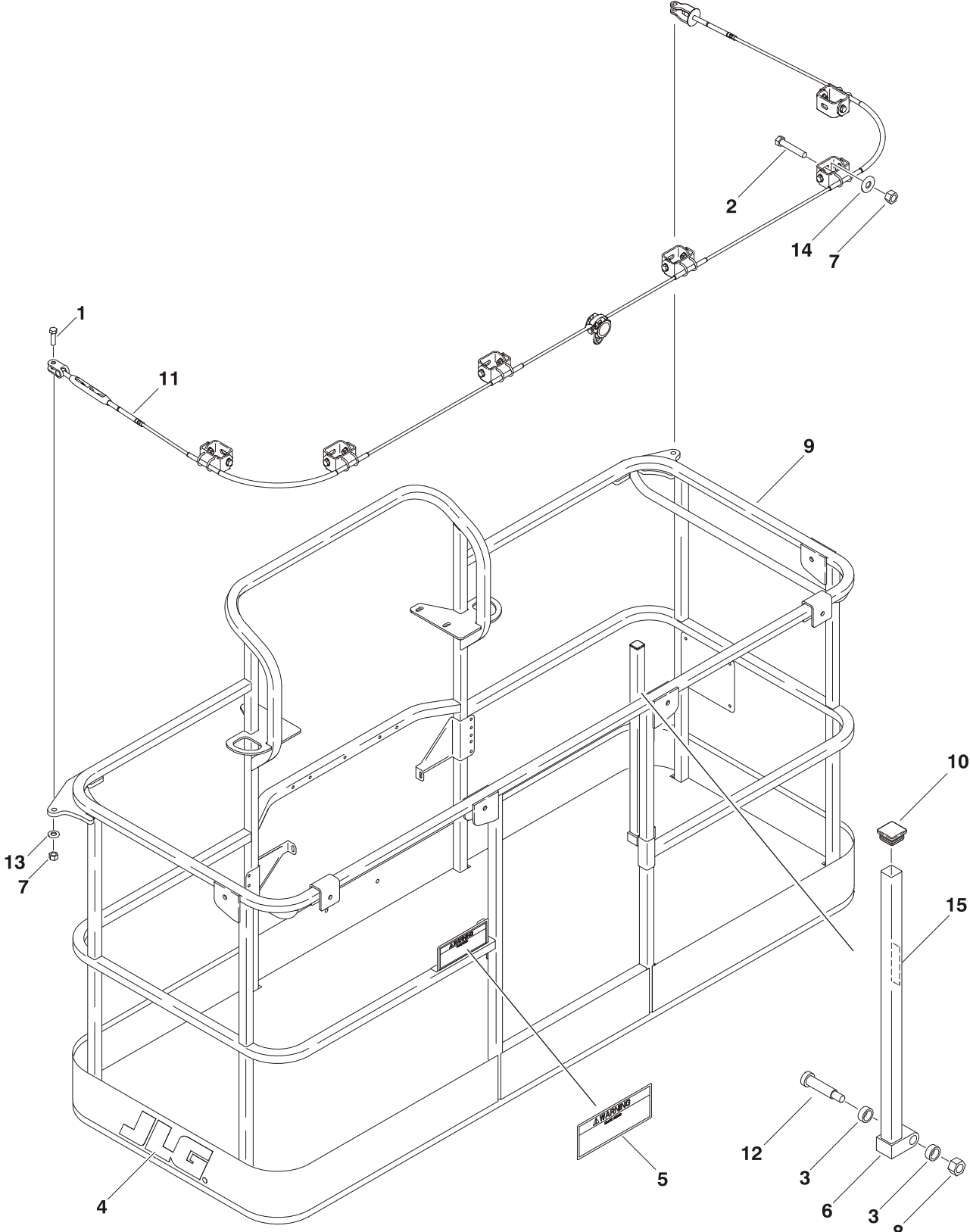
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
112C	4460071	1	Connector, Strain Relief	D D
112D	4460226	2	Socket, Female (Not Shown - Used with Footswitch) (See ELECTRICAL SECTION for Location)	
112E	4460464	1	Terminal, Deutsch (Not Shown - Used with Footswitch) (See ELECTRICAL SECTION for Location)	
		Ref	WORKLIGHTS INSTALLATIONS (OPTIONAL)	
	0273484	Ref	800A	
	0273485	Ref	800AJ	
201	2080040	4	Blind Fastener, Huck	
202 to 203	Not Used			
204	2920140	2	Worklight	
	7016399	2	Bulb, Replacement (1 Per Worklight)	
205 to 206	Not Used			A A A A E
207	3536089	2	Plate, Mounting	
208 to 212	Not Used			
213	4460426		Connector, Strain Relief (Not Shown - Located at Console Box)	
214 to 216	Not Used			
217	2820035	9ft	Loom, Vinyl (Not Shown)	
218	4240099	10	Tie-Strap (Not Shown)	
		Ref	TRAY INSTALLATIONS (OPTIONAL)	
301	1580012	1	Tray, Storage (Center)	
302	1580013	1	Tray, Storage (Rail Mounted - Not Shown)	
		Ref	GENERATOR INSTALLATION (OPTIONAL)	
	1001115404	Ref	110V with Caterpillar Engine	
	1001115414	Ref	220V with Caterpillar Engine	
	1001115405	Ref	110V with Deutz Engine	
	1001115409	Ref	220V with Deutz Engine	
	0275039	Ref	110V with GM Engine	
401	4360336	1	Switch, Toggle	
402	4740397	1	Bushing	
403	4060802	1	Guard, Switch	
404	3251102	1	Decal - Generator ON/OFF	
405	2820031	1	Insulator, Heat Shrink (Not Shown - Located at Platform)	

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 4-2. PLATFORM COMPONENTS INSTALLATION (FALL ARREST FOR PLATFORM)



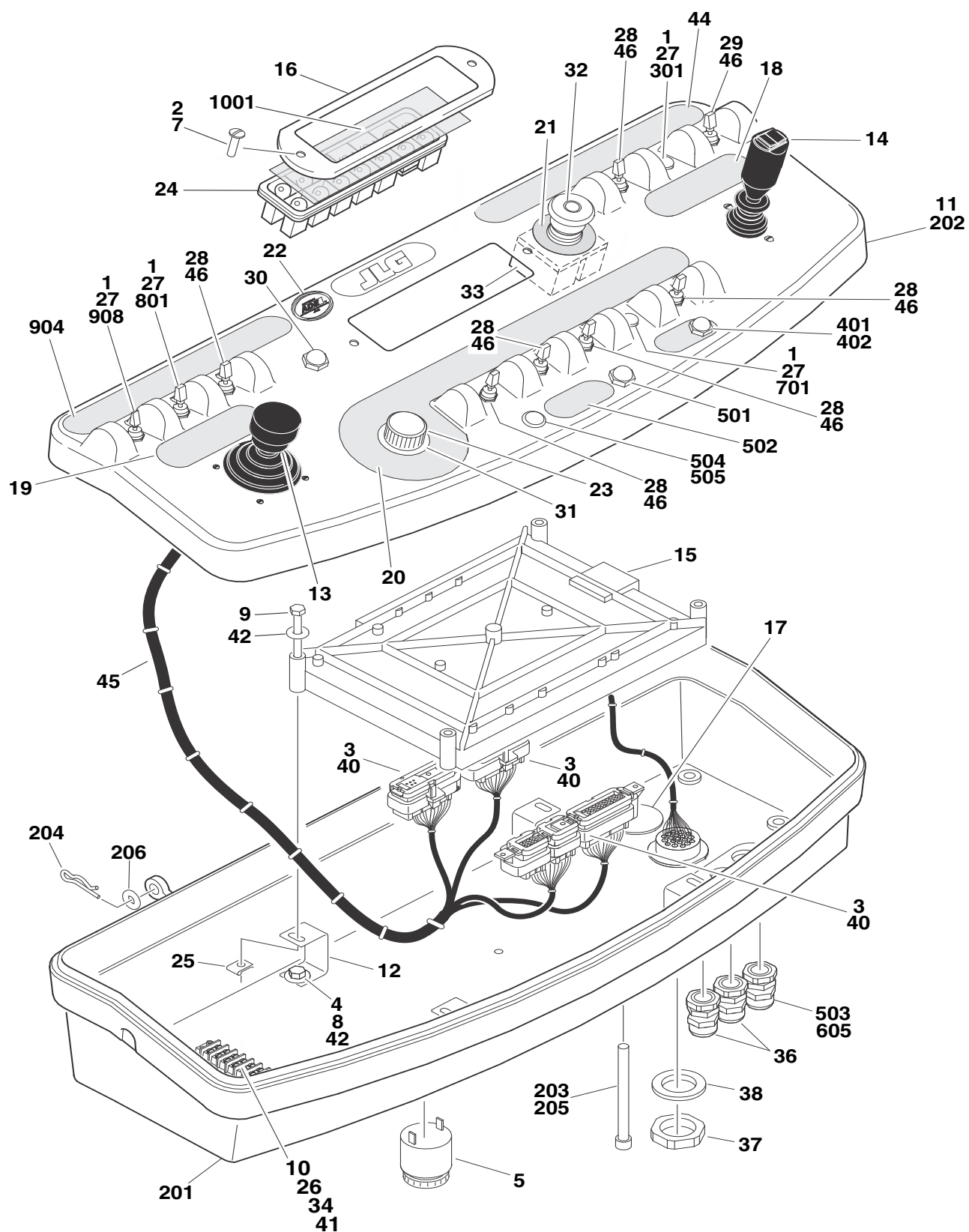
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FIGURE 4-2. PLATFORM COMPONENTS INSTALLATION (FALL ARREST FOR PLATFORM)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	PLATFORM ASSEMBLY (FALL ARREST)	
	3510884	Ref	6ft Platform	E
	3510868	Ref	8ft Platform	E
		Ref	Note: Replacement Decals Must be purchased separately - See DECAL SECTION.	
1	0681814	2	Bolt 1/2in-13NC x 1-3/4in (Grade 8)	
2	0681822	AR	Bolt 1/2in-13NC x 2-3/4in (Grade 8)	
3	0962270	2	Bearing, Oilite	
4	1702773	1	Decal - JLG	
5	1705014	1	Decal - Safety	
6	2410014	1	Gate Weldment	
7	3271805	AR	Locknut 1/2in-13NC (Grade 8)	
8	3311605	1	Locknut 3/8in-16NC	
9	See Note	1	Platform Weldment (Note: Purchase Platform Assembly.)	
10	3520072	1	Cap-Plug	
11		1	Cable, Fall Arrest Options:	
	1060919		6ft Platform	
	3890040		8ft Platform	
12	3900054	1	Bolt 1/2in-13NC x 1-3/4in	
13	4711800	2	Flatwasher 1/2in (Narrow)	
14	4751800	AR	Flatwasher 1/2in (Wide)	
15	1706385	1	Decal - Drop Bar	

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FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY



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FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	CONSOLE BOX & FOOTSWITCH ASSEMBLIES	
	1001114448	Ref	USA Built Machines SN 0300140000 to SN 0300143928 & China Built Machines SN B300000100 to SN B300000202	E
	1001117428	Ref	USA Built Machines SN 0300143928 to SN 030183033 & China Built Machines SN B300000202 to Present	C
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100081	AR	Adhesive	
5	0140011	1	Alarm	
6	Not Used			
7	0630464	2	Screw, Button Head #10-24NC x 1/2in	
8	0641404	4	Bolt 1/4in-20NC x 1/2in	
9	0641414	4	Bolt 1/4in-20NC x 1-3/4in	
10	0721006	2	Bolt #10-24NC x 3/4in	
11	0861537	1	Box, Console (See Items 201-206 for Breakdown)	
12	0902751	4	Bracket, Card Support	
13	Use 1001129555	1	Controller Assembly (Swing & Lift) (See CONTROLLER ASSEMBLY (SWING & LIFT) for Breakdown) (was p/n 1600317 & p/n 1001118417)	
14		1	Controller Assembly (Drive & Steer) Options (See CONTROLLER ASSEMBLY (DRIVE & STEER) for Breakdown):	
	Use 1001118416		Controller Assembly (USA Built Machines SN 0300140000 to SN 0300146307 & China Built Machines SN B300000100 to SN B300000276) (was p/n 1600318)	
	1001118416		Controller Assembly (USA Built Machines SN 0300146307 to SN 030183033 & China Built Machines SN B300000276 to Present)	
15	1001106355	1	Controller, Module (Re-calibration Required when Replaced)	
16	1670829	1	Bezel	
17	1001110434	1	Plug	
18	1702565	1	Decal (Drive and Steer)	
19	1702566	1	Decal (Lift and Swing)	
20	1702567	1	Decal (Function Speed)	
21	1704260	1	Decal - EMS	
22	1705132	1	Decal - ADE	
23	2560136	1	Handle, Knob	
24	2760105	1	Housing, Display Light	
25	3300353	4	Nut, Tinnerman	
26	3311005	2	Locknut #10-24NC	
27	3520054	AR	Plug, Hole	
28	4360328	6	Switch, Toggle	
29	4360330	1	Switch, Toggle	
30	4360387	1	Switch, Pushbutton	
31	4360407	1	Controller, Speed	
	See Note	1	Gasket "Top Hat" (Included W/Switch) (Note: Not Available for Purchase.)	
	70003784	1	Seal	

SECTION 4 PLATFORM

FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
32	4360475	1	Switch, Emergency Stop	G
	7020175	1	Cap, Red	
	7020176	1	Contact Block	
33	4360476	1	Block, Contact	
34	4460007	1	Bar, Buss	
35	4460234	3	Mount, Tie-Strap (Not Shown)	
36	4460428	2	Connector, Strain Relief	
37	4460470	1	Nut, Terminal	
38	4460471	1	Lockwasher, Terminal	
39	4460708	2	Terminal, 15 Pin (See ELECTRICAL SECTION for Location)	
40	4460905	5	Plug, Seal (See ELECTRICAL SECTION for Location)	
41	4751000	2	Flatwasher #10	
42	4751400	8	Flatwasher 1/4in	
43	4922666	1	Harness, Analyzer Cable (See ELECTRICAL SECTION for Location)	
44	Use 1001131168	1	Decal (Stop) Options: USA Built Machines SN 0300140000 to SN 0300150266 & China Built Machines SN B300000100 to SN B300000277 (was p/n 1001107677)	
			USA Built Machines SN 0300150266 to SN 030183033 & China Built Machines SN B300000277 to Present	
45	1001107753	1	Harness, Platform Box	
46	3790012	7	O-Ring	
47 to 200	Not Used			
	1001119563	1	Decal Kit (Includes Items 18-22, 44, 904 & 1001)	
	0861537	Ref	CONSOLE BOX ASSEMBLY	
201	Use 0861537	1	Console Bottom (Note: Not Available for Purchase.)	
202	Use 0861537	1	Console Top (Note: Not Available for Purchase.)	
203	3311601	1	Nut 3/8in-16NC	
204	3470003	2	Pin, Hair	
205	0630568	1	Screw 3/8in-16NC x 4-1/2in	
206	4711500	2	Flatwasher 5/16in	
		Ref	DUAL FUEL SWITCH INSTALLATION	
301	4360336	1	Switch, Toggle	
	3790012	1	O-Ring	
	0271768	Ref	HEAD & TAIL LIGHTS INSTALLATION (OPTIONAL)	
401	4360522	1	Switch, Pushbutton	C
402	1705170	1	Decal - Lights	

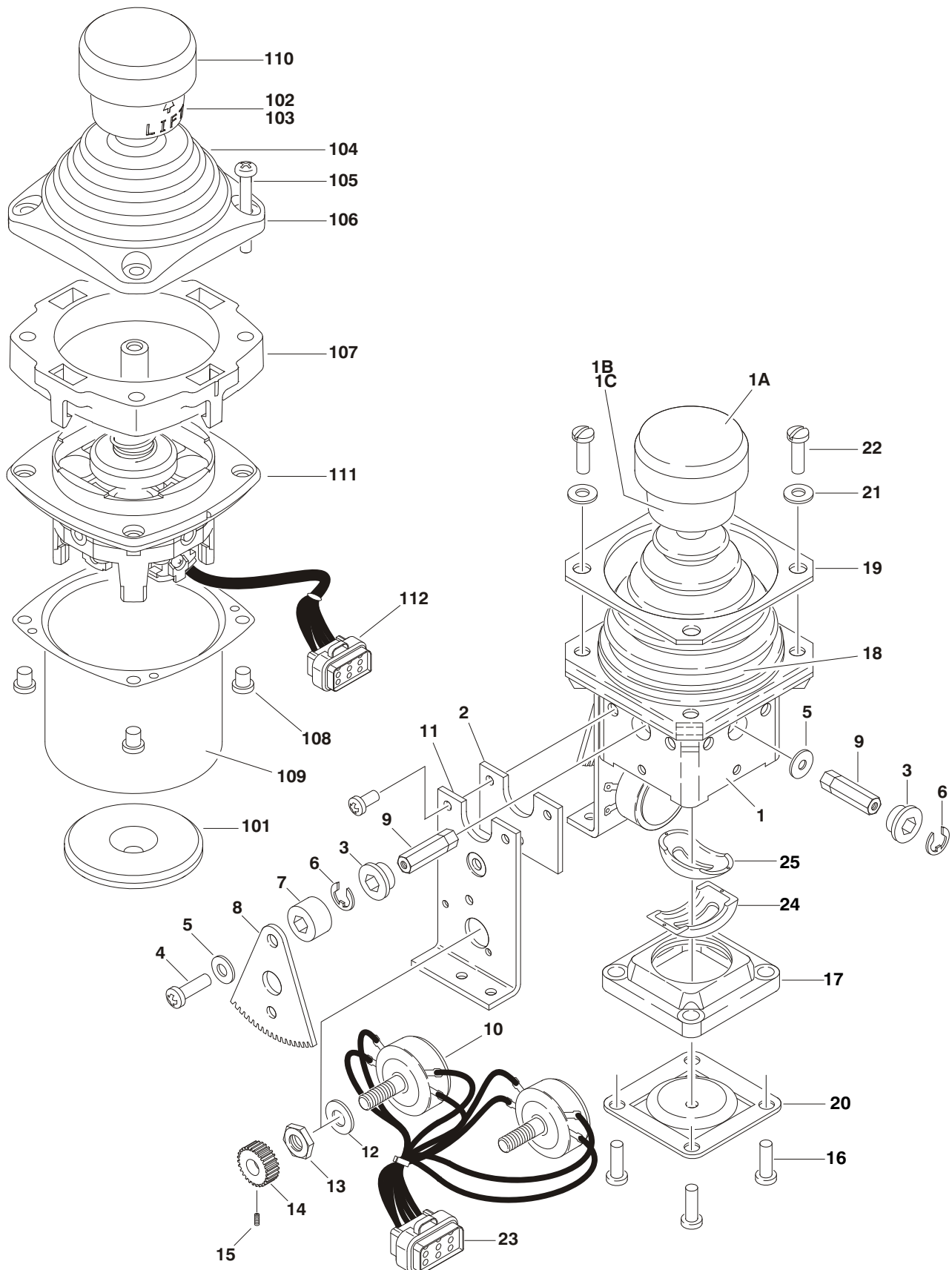
SECTION 4 PLATFORM

FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL)	
	0273824	Ref	6Ft/1.8m Platforms	B
	0272427	Ref	8Ft/2.4m Platforms	E
	1001108256	Ref	6Ft/1.8m Platforms w/Fall Arrest	A
	0273706	Ref	8Ft/2.4m Platforms w/Fall Arrest	B
501	4360387	1	Switch, Pushbutton	
502	1702938	1	Decal - Soft Touch Override	
503	4460425	1	Connector, Strain Relief	
504	2920028	1	Lamp, Indicator	
505	2920029	1	Bulb	
		Ref	PLATFORM WORKLIGHT INSTALLATION (OPTIONAL)	
	0273484	Ref	800A	D
	0273485	Ref	800AJ	D
601 to 604	Not Used	1		
605	4460426	1	Connector, Strain Relief	
	0271340	Ref	JIB SWITCH INSTALLATION (OPTIONAL)	1
701	4360328	1	Switch, Toggle	
	3790012	1	O-Ring	
	0258945	Ref	STEER SWITCH (4WS) INSTALLATION (OPTIONAL)	A
801	4360331	1	Switch, Toggle	
	3790012	1	O-Ring	
	1001114446	Ref	CONSOLE BOX INSTALLATION	A
901 to 903	Not Used			
904	1702676	1	Decal - Horn	
905 to 907	Not Used			
908	4360331	1	Switch, Toggle (4WD)	
	3790012	1	O-Ring	
		Ref	LIGHT PANEL DECAL INSTALLATION	
	1001108763	Ref	All Specs Except Australian & CE Specs	A
	1001108764	Ref	Australian & CE Specs	A
1001		1	Decal - Light Panel Display Options: All Specs Except Australian & CE Specs Australian & CE Specs	
	1001107927			
	1001107926			

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FIGURE 4-4. CONTROLLER ASSEMBLY (SWING & LIFT)



SECTION 4 PLATFORM

FIGURE 4-4. CONTROLLER ASSEMBLY (SWING & LIFT)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.	
		Ref	CONTROLLER ASSEMBLY	
	1600317	NLA	Controller Assembly (Original Equipment) (USA Built Machines SN 0300140000 to SN 0300146307 & China Built Machines SN B300000100 to SN B300000276) (Use p/n 1001129555)	C
1	7019141	1	Mechanical Assembly (Includes Base, Handle Stem & Items 1A, 1B, 1C & 18)	
1A	7019197	1	Handle Cap & Rod	
1B	7003928	1	Spring	
1C	7022808	1	Cap, Lift	
2	7019171	2	Plate	
3	7019111	4	Bearing, Gear	
4	7019143	2	Screw	
5	7019144	2	Spacer, Cam	
6	7019145	4	E-Clip	
7	7019174	2	Spacer	
8	7003977	2	Gear, Drive	
9		2	Shaft Options:	
	7019147		Shaft, Short	
	7019177		Shaft, Long	
10	7022818	2	Potentiometer	
11	7019142	2	Plate	
12	7003992	2	Washer	
13	7003993	2	Nut	
14	7003976	2	Gear, Slave	
15	7019149	2	Setscrew	
16	7022816	4	Screw	
17	7019150	1	Gate	
18	7022814	1	Boot	
19	7022815	1	Bezel	
20	See Note	1	Center, Detent (Note: Not Available for Purchase.)	
21	7003953	4	Washer	
22	7022817	4	Screw	
23	7022819	1	Plug, Male 8 Position (Natural)	
	4460871	8	Socket, Female	
24	7019122	1	Gimble, Outer	
25	7019123	1	Gimble, Inner	

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FIGURE 4-4. CONTROLLER ASSEMBLY (SWING & LIFT) (CONTINUED)

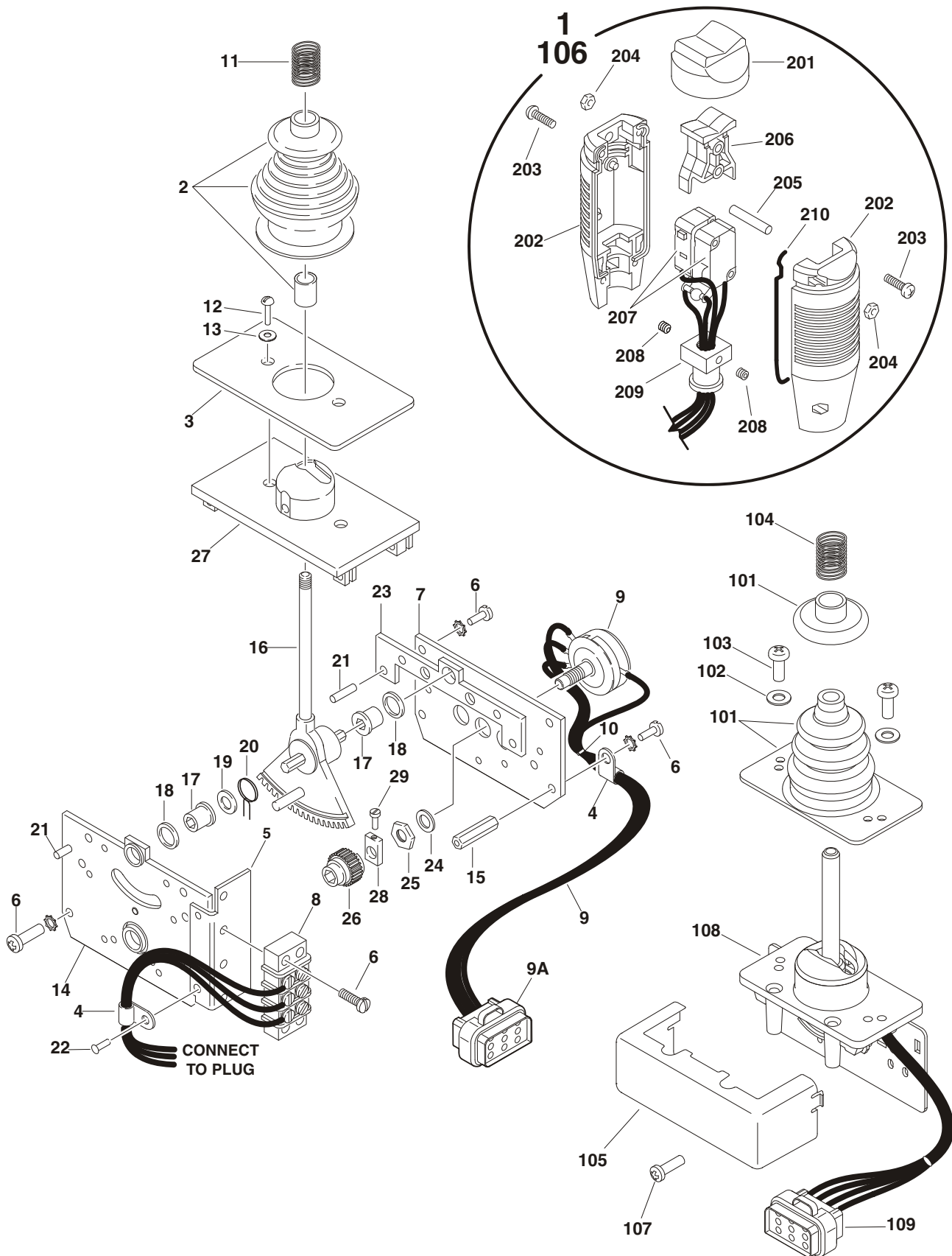
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001118417	NLA	Controller Assembly: (Service Replacement - USA Built Machines SN 0300140000 to SN 0300146307 & China Built Machines SN B300000100 to SN B300000276) (Original Equipment - USA Built Machines SN 0300146307 to SN 030183033 & China Built Machines SN B300000276 to Present) Note: Was p/n 1001118417 Assembly - Use p/n 1001129555 Kit as replacement.	C
		Ref		
101	70002730	1	Gasket	
102	7003928	1	Spring	
103	7022808	1	Cap, Lift	
104	70002731	1	Boot	
105	70002732	4	Screw	
106	7022815	1	Bezel	
107	70002733	1	Adapter	
108	70002734	4	Screw	
109	70002735	1	Can, Enclosure	
110	70002906	1	Cap	
111		NSS	Mechanical Assembly (Note: Use p/n 1001129555)	
112	7022819	1	Plug, Male 8 Position (Natural) (Not Shown)	
	4460871	6	Socket, Female	

FIGURE 4-4. CONTROLLER ASSEMBLY (SWING & LIFT) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 4-5. CONTROLLER ASSEMBLY (DRIVE & STEER)



SECTION 4 PLATFORM

FIGURE 4-5. CONTROLLER ASSEMBLY (DRIVE & STEER)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	Note: Original Equipment controller may have been replaced with Service Replacement controller. Visually identify controller before ordering parts.	
		Ref	CONTROLLER ASSEMBLY	
	1600318	NLA	Controller Assembly (Original Equipment) (USA Built Machines SN 0300140000 to SN 0300146307 & China Built Machines SN B300000100 to SN B300000276) (Use p/n 1001118416)	D
1	7022812	1	Handle Assembly (See Items 201-210 for Breakdown)	
2	7019161	1	Boot and Sleeve	
3	7003933	1	Gasket	
4	7019154	2	Clamp, Wire	
5	7022823	1	Bracket, Mounting	
6	7003994	1	Screw	
7	7022822	1	Plate, Pot Mounting	
8	7003986	1	Strip, Terminal - 3 Position	
9	7022824	1	Electric Assembly	
9A	Use 1001113961	1	Plug, Male - 8 Position (Black) (was p/n 7022825)	
	4460871	7	Socket, Female	
10	7019151	AR	Tie-Strap	
11	7019162	1	Spring	
12	7003969	2	Screw	
13	7003941	2	Washer	
14	See Note	1	Plate, Mounting (Left Side) (Note: Not Available for Purchase.)	
15	7019115	2	Stand-Off	
16	7019155	1	Shaft 8mm	
17	7019111	2	Bearing	
18	7019110	2	Spacer, Head Gear	
19	7019112	1	Washer	
20	7003946	1	Spring, Return	
21	7019103	4	Pin	
22	See Note	1	Rivet (Note: Not Available - Purchase Locally.)	
23	7019168	1	Plate, Mounting (Right Side)	
24	7003992	1	Washer	
25	7003993	1	Nut	
26	7003935	1	Gear, Slave	
27	7019160	1	Plate, Base	
28	7019114	1	Coupling, Potentiometer	
29	See Note	1	Capscrew (Note: Not Available for Purchase.)	

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FIGURE 4-5. CONTROLLER ASSEMBLY (DRIVE & STEER) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001118416	Ref	Controller Assembly: (Service Replacement - USA Built Machines SN 0300140000 to SN 0300146307 & China Built Machines SN B300000100 to SN B300000276) (Original Equipment - USA Built Machines SN 0300146307 to SN 030183033 & China Built Machines SN B300000276 to Present)	B
101	70002724	1	Boot & Control Lock Assembly	
102	7003941	2	Washer	
103	70002725	2	Screw	
104	7019162	1	Spring	
105	70002726	1	Enclosure	
106	70002727	1	Handle Assembly (See Items 201-210 for Breakdown)	
107	70002728	1	Screw	
108	Use 1001118416	1	Mechanical Assembly (Note: Not Available for Purchase.)	
109	Use 1001113961	1	Plug, Male - 8 Position (Black) (was p/n 7022825)	
	4460871	7	Socket, Female	
		Ref	HANDLE ASSEMBLIES	
	7022812	Ref	Controller Assembly p/n 1600318	
	70002727	Ref	Controller Assembly p/n 1001118416	
201	7003972	1	Boot, Switch	
202	7003973	2	Half, Handle	
203	7003980	4	Screw	
204	7019167	4	Nut	
205	7019164	1	Axle	
206	7019165	1	Rocker	
207		1	Wiring Assembly Options:	
	7019196		Controller Assembly p/n 1600318	
	7019166	2	Switch, Micro	
	70002729		Controller Assembly p/n 1001118416	
	7003982	2	Switch, Micro	
208	7003983	2	Setscrew	
209	7019194	1	Coupling	
210	7003989	2	Gasket	

FIGURE 4-5. CONTROLLER ASSEMBLY (DRIVE & STEER) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 4-6. SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL)

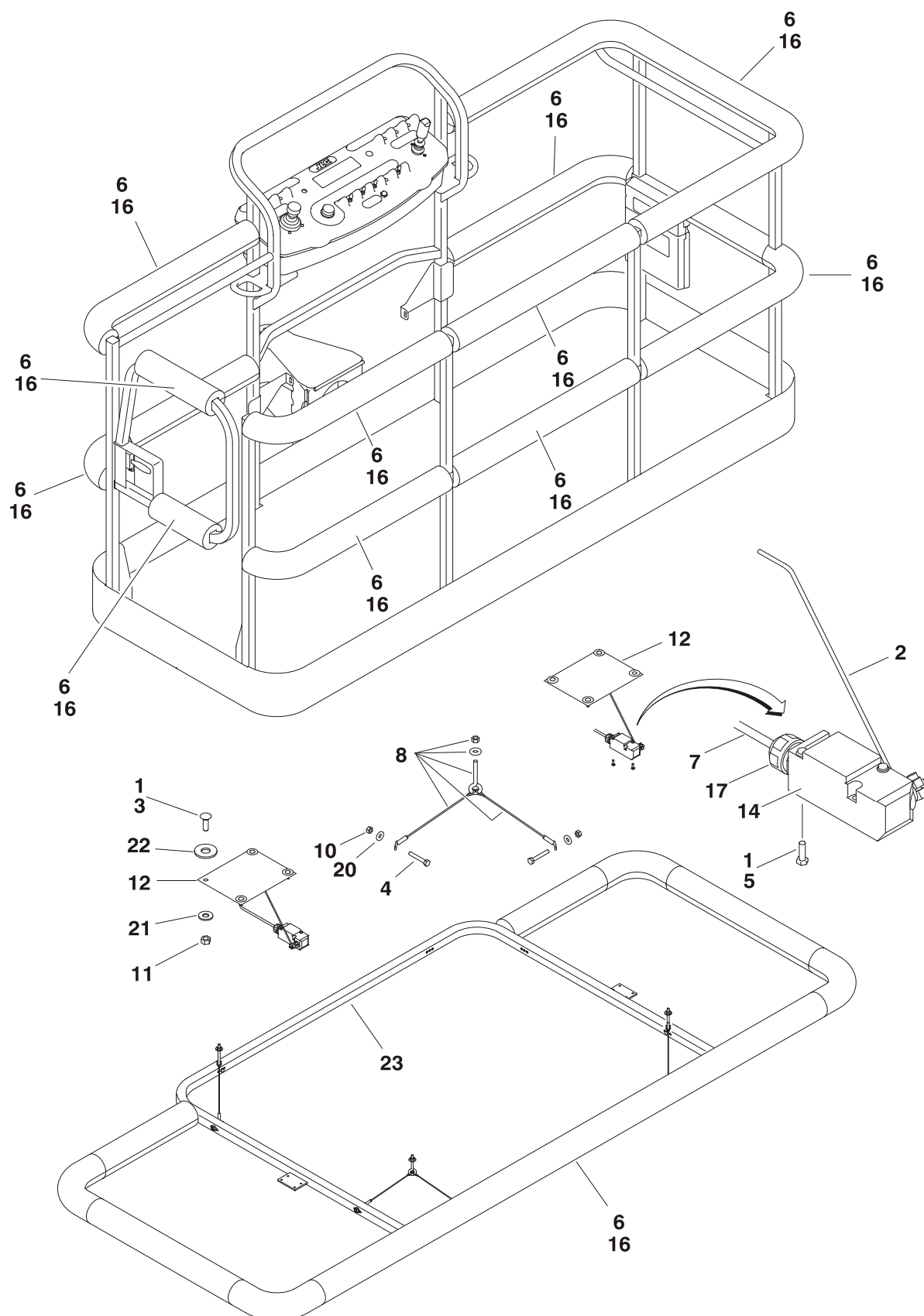


FIGURE 4-6. SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	SOFT TOUCH SYSTEM INSTALLATIONS OPTIONS:	
	0273824	Ref	6Ft/1.8m Platforms	B
	0272427	Ref	8Ft/2.4m Platforms	D
	1001108256	Ref	6Ft/1.8m Platforms w/Fall Arrest	A
	0273706	Ref	8Ft/2.4m Platforms w/Fall Arrest	B
		Ref	Note: For Overhead Soft Touch, See SPECIAL OPTIONS SECTION.	
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch Activator	
3	0630462	8	Bolt, Carriage	
4	0641414	8	Bolt 1/4in-20NC x 1-3/4in	
5	0731005	4	Screw, Machine #10-32 x 5/8in	
6		1	Bumper Kit Options:	
	0940134		6Ft/1.8m Platforms	
	0940103		8Ft/2.4m Platforms	
	0940177		6Ft/1.8m Platforms w/Fall Arrest	
	0940133		8Ft/2.4m Platforms w/Fall Arrest	
7	1060341	AR	Cable, Electrical - 16/2	
8	1060903	4	Wire Rope & Eyebolt Assembly	
9	Not Used			
10	3311401	8	Nut 1/4in-20NC	
11	3311501	8	Nut 5/16in-18NC	
12		2	Plate, Striker Options:	
	3575359		6Ft/1.8m Platforms	
	3574091		8Ft/2.4m Platforms	
13	4240099	7	Tie-Strap (Not Shown)	
14	4360057	2	Switch, Limit	
15	Not Used			
16	4420068	1	Tape, Yellow Adhesive	
17		2	Connector, Strain Relief Options:	
	4460425		6Ft/1.8m Platforms	
	4460049		8Ft/2.4m Platforms	
	4460049		All Platforms w/Fall Arrest	
18	4460234	AR	Base, Tie-Strap Mounting (Not Shown)	
19	Not Used			
20	4751400	8	Flatwasher 1/4in Wide	
21	4751500	AR	Flatwasher 5/16in Wide	
22	4751800	8	Flatwasher 1/2in Wide	
23		1	Rail, Soft-Touch Options:	
	3641569	1	6Ft/1.8m Platforms	
	4846673	1	8Ft/2.4m Platforms	
	0272444	Ref	SOFT TOUCH COUNTERWEIGHT INSTALLATION (NOT SHOWN)	C
	4821397	1	Counterweight (Located in Frame)	

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FIGURE 4-6. SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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SECTION 5 CYLINDER

FIGURE 5-1. AXLE LOCKOUT CYLINDER ASSEMBLY

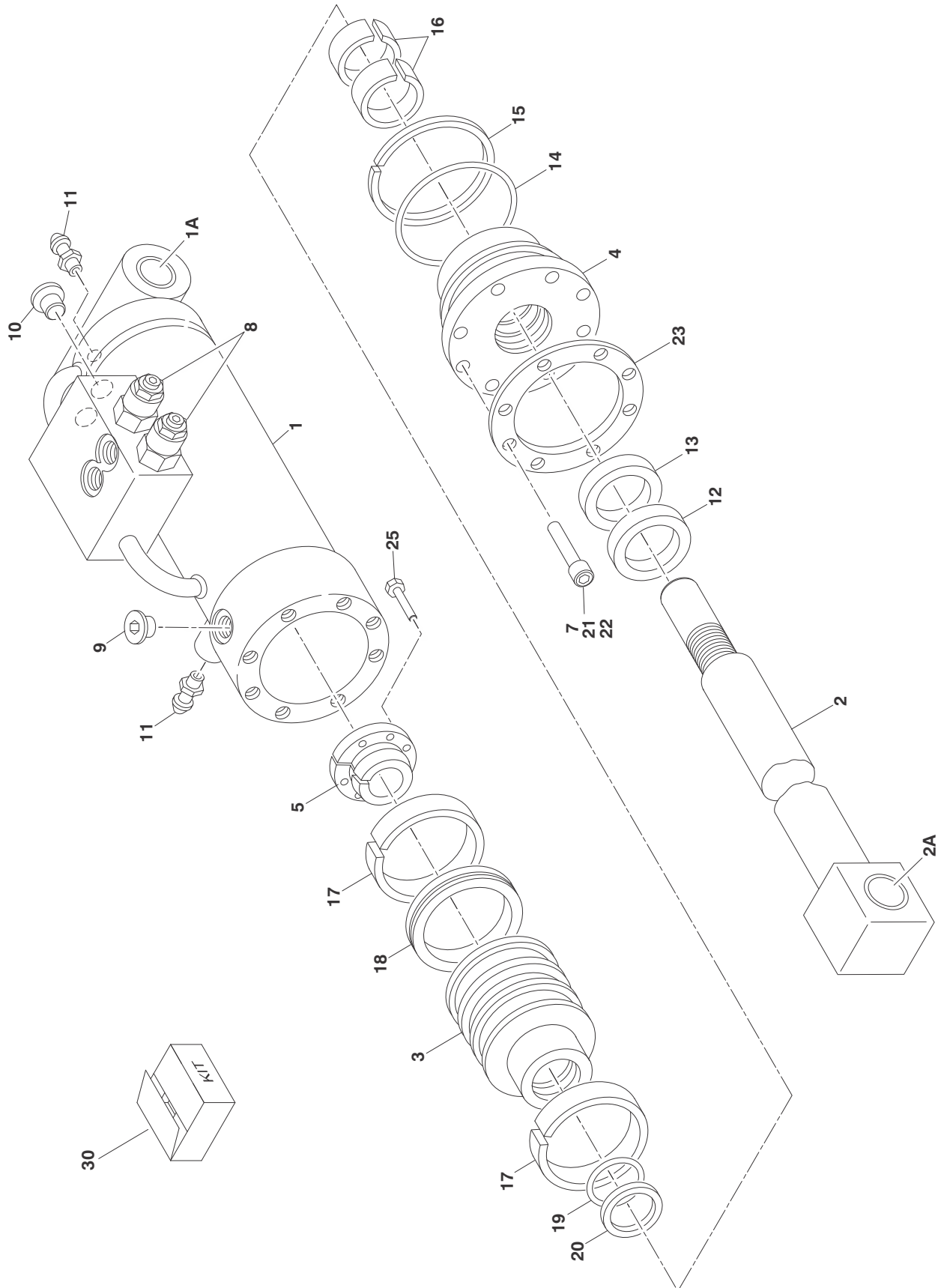


FIGURE 5-1. AXLE LOCKOUT CYLINDER ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1683078	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	N
1	1684191	1	Barrel Weldment (Note: Includes Item 1A)	
1A	0962496	2	Bushing	
2	1683986	1	Rod Weldment (Note: Includes Item 2A)	
2A	0962496	2	Bushing	
3	3480176	1	Piston	
4	1683059	1	Head	
5	0961895	1	Bushing	
6	Not Used			
7	3931720	8	Bolt, Socket Head 7/16in-14NC x 1-1/4in	
8	4641162	2	Cartridge, Valve (Counterbalance)	
	2900770	2	Seal Kit - 4641162 Valve (1 Per Assembly)	
9	2220886	1	Plug, O-Ring	
10	2220885	2	Plug, O-Ring	
11	4640858	3	Valve, Bleeder	
12	Use 2901271	1	Wiper	
13	Use 2901271	1	Seal, Rod	
14	Use 2901271	1	O-Ring	
15	Use 2901271	1	Ring, Back-up	
16	Use 2901271	1	Ring, Wear	
17	Use 2901271	2	Ring, Wear	
18	Use 2901271	1	T-Seal	
19	Use 2901271	1	O-Ring	
20	Use 2901271	2	Ring, Back-up	
21	0100011	AR	Compound, Locking	
22	0100038	AR	Primer, Locking	
23	3760367	1	Ring, Washer	
24	Not Used			
25	0630535	3	Bolt 1/4in-20NC x 1-1/8in	
26 to 29	Not Used			
30	2901271	1	Seal Kit (Includes Items 12-20)	

SECTION 5 CYLINDER

FIGURE 5-2. UPRIGHT LEVEL CYLINDER ASSEMBLY

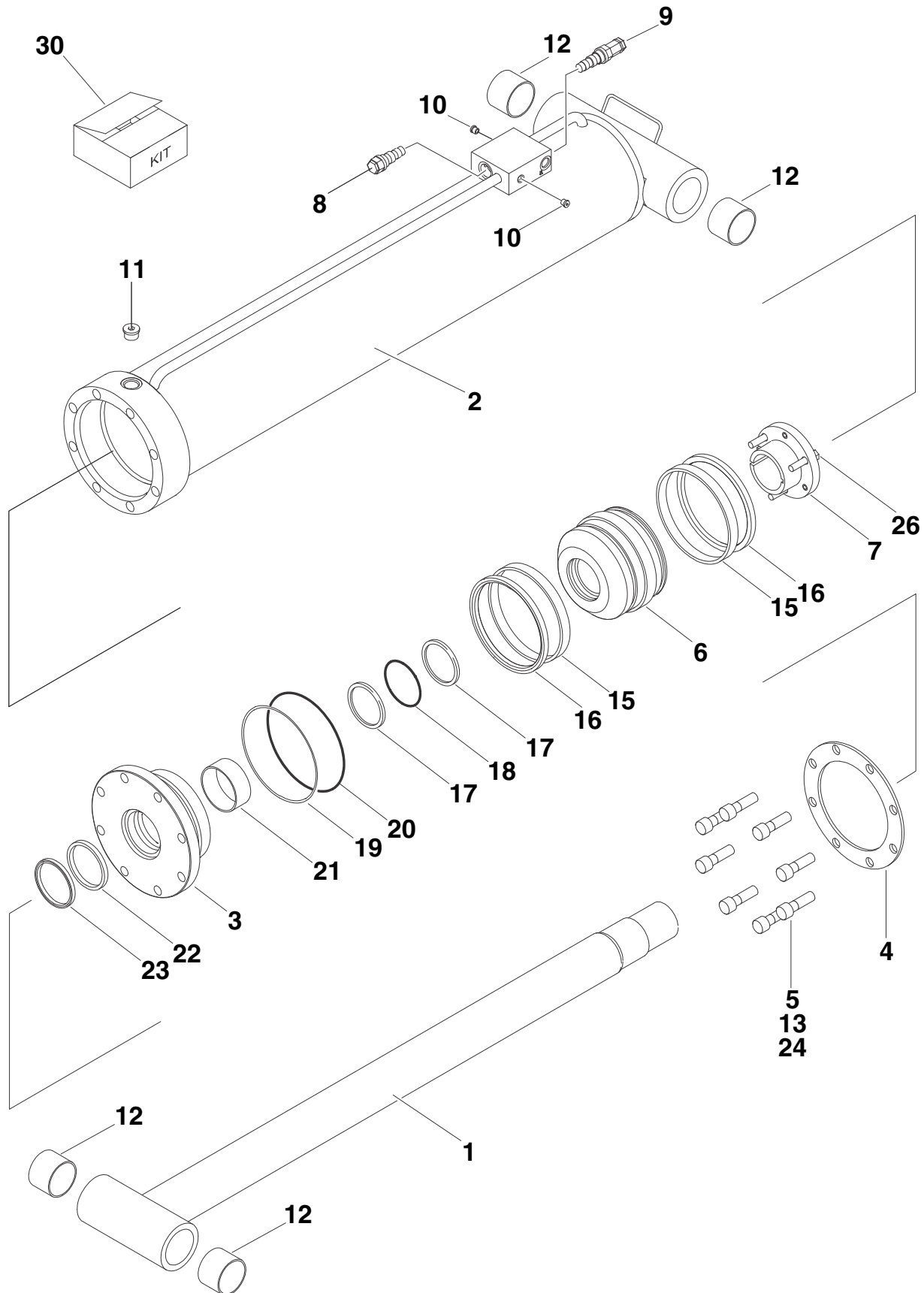
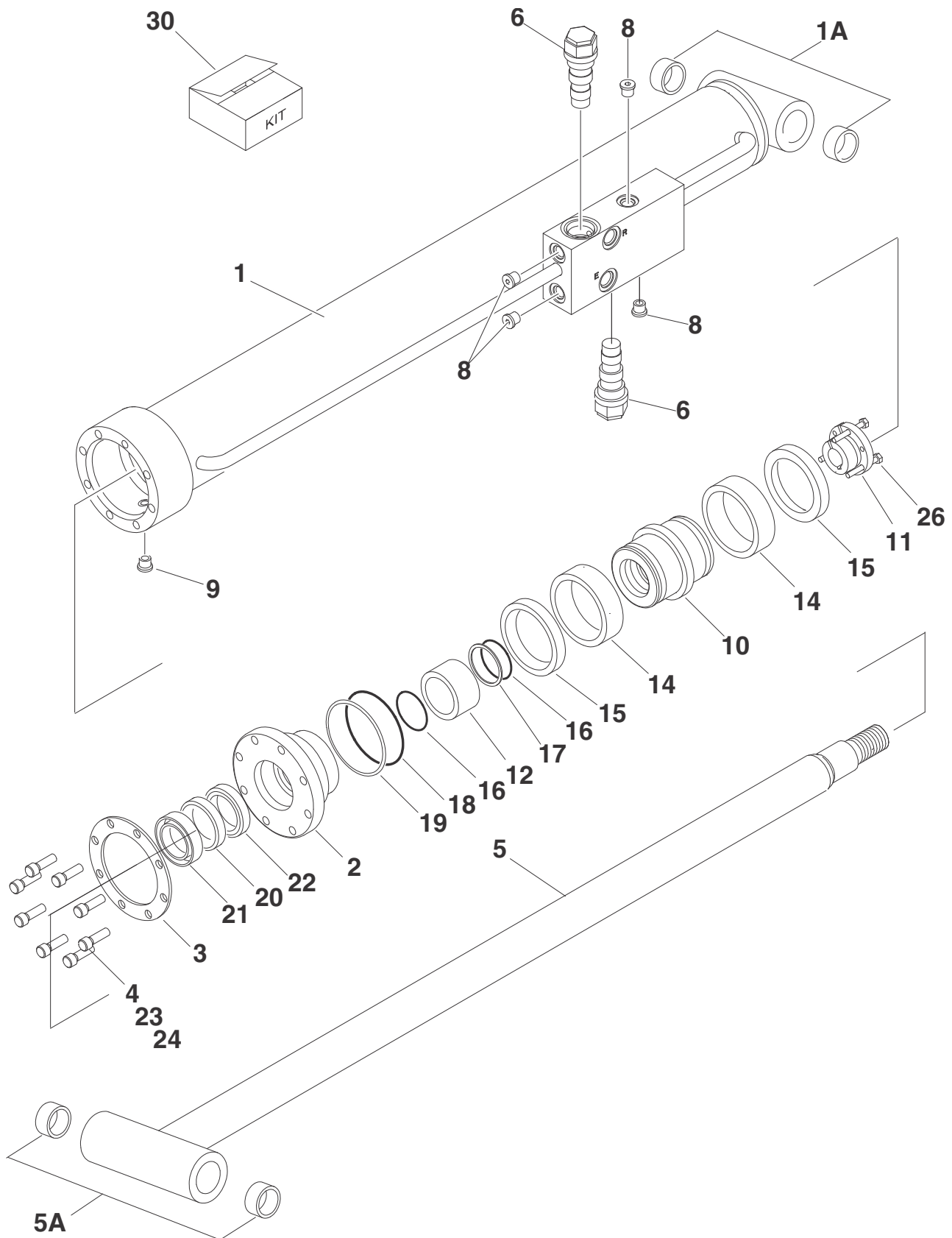


FIGURE 5-2. UPRIGHT LEVEL CYLINDER ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1684497	Ref	UPRIGHT LEVEL CYLINDER ASSEMBLY	C
1	1683544	1	Rod Weldment	
2	0370034	1	Barrel Weldment	
3	1683071	1	Head	
4	3760374	1	Ring, Washer	
5	3932240	8	Bolt, Socket Head 3/4in x 2-1/2in	
6	3480237	1	Piston	
7	0961901	1	Bushing, Tapered	
8	4640509	1	Cartridge, Valve	
	2900792	1	Seal Kit - 4640509 Valve	
9	4640605	1	Cartridge, Valve	
	2900792	1	Seal Kit - 4640605 Valve	
10	2220883	2	Plug, O-Ring	
11	2220888	1	Plug, O-Ring	
12	0962102	4	Bushing	
13	0100011	AR	Compound, Locking	
14	Not Used			
15	Use 2901526	2	Seal	
16	Use 2901526	2	Ring, Lock	
17	Use 2901526	2	Ring, Back-up	
18	Use 2901526	1	Ring, Washer	
19	Use 2901526	1	Ring, Back-up	
20	Use 2901526	1	O-Ring	
21	Use 2901526	1	Ring, Wear	
22	Use 2901526	1	Seal, Rod	
23	Use 2901526	1	Wiper	
24	0100038	AR	Primer, Locking	
25	Not Used			
26	0630537	3	Bolt	
27 to 29	Not Used			
30	2901526	1	Seal Kit (Includes Items 15-23)	

SECTION 5 CYLINDER

FIGURE 5-3. LIFT CYLINDER ASSEMBLY - JIB (800AJ ONLY)



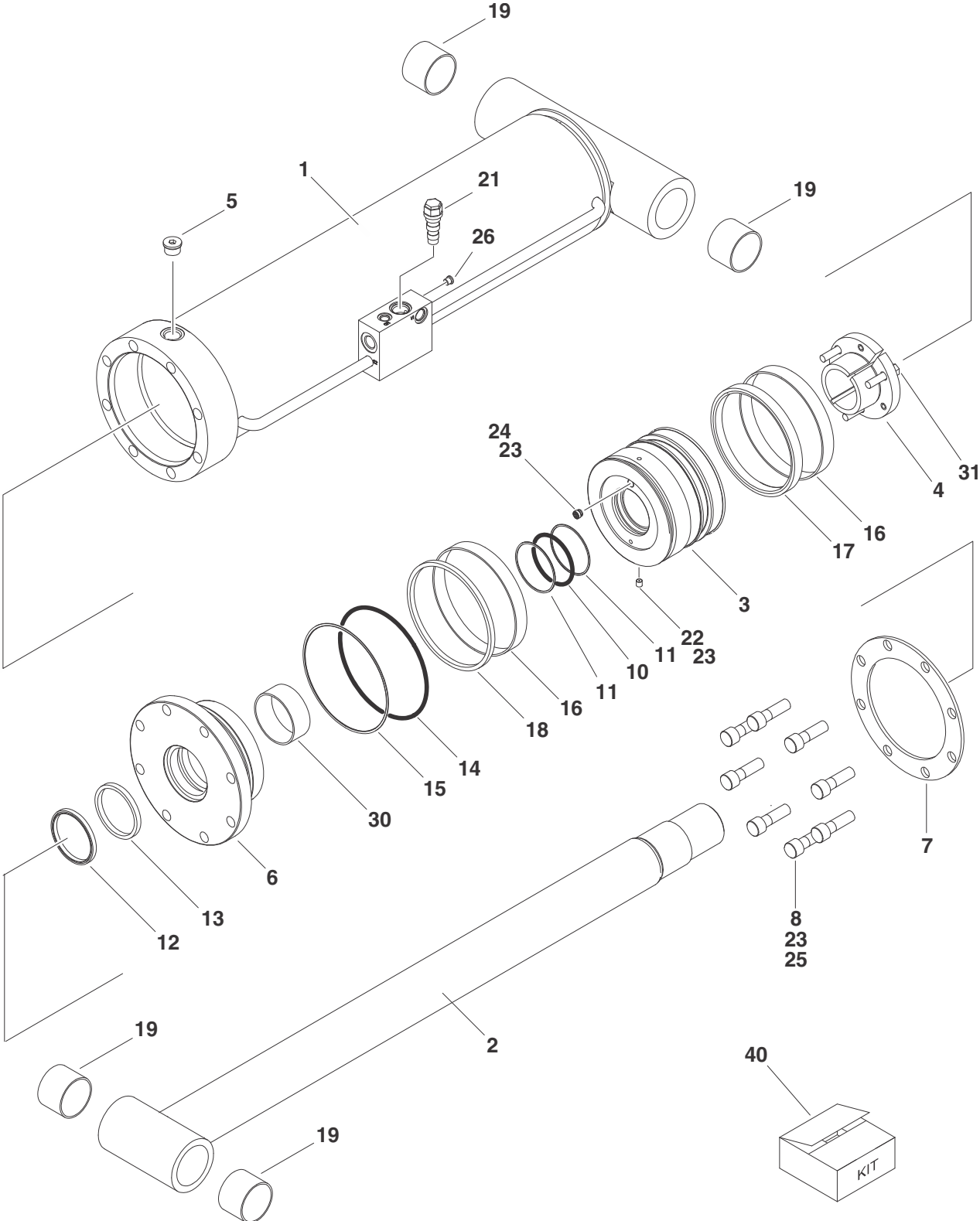
SECTION 5 CYLINDER

FIGURE 5-3. LIFT CYLINDER ASSEMBLY - JIB (800AJ ONLY)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	JIB LIFT CYLINDER ASSEMBLIES	
	1683609	Ref	Machines without Arctic Package	K
	1001138792	Ref	Machines with Arctic Package	A
1	1684089	1	Barrel (Note: Includes Item 1A)	
1A	0962336	2	Bushing	
2	1683053	1	Head	
3	3760368	1	Washer, Ring	
4	3931516	8	Bolt, Socket Head 5/16in-18NC x 2in	
5	1684090	1	Rod (Note: Includes Item 5A)	
5A	0962336	2	Bushing	
6	4640509	2	Cartridge, Valve (Counterbalance Non-Vented)	
	2900792	2	Seal Kit - 4640509 Valve	
7	Not Used			
8	2220883	4	Plug, O-Ring	
9	2220885	1	Plug, O-Ring	
10	3480210	1	Piston	
11	0961893	1	Bushing, Tapered	
12	4100100	1	Spacer, Tube	
13	Not Used			
14	See Note	2	Seal, Piston (Note: Use Item 30)	
15	See Note	2	Ring, Lock (Note: Use Item 30)	
16	See Note	2	O-Ring (Note: Use Item 30)	
17	See Note	2	Ring, Back-up (Note: Use Item 30)	
18	See Note	1	O-Ring (Note: Use Item 30)	
19	See Note	1	Ring, Back-up (Note: Use Item 30)	
20	See Note	1	Seal (Note: Use Item 30)	
21	See Note	1	Wiper (Note: Use Item 30)	
22	See Note	1	Ring, Wear (Note: Use Item 30)	
23	0100011	AR	Compound, Locking	
24	0100038	AR	Primer, Locking	
25	Not Used			
26	0630534	3	Capscrew, Socket Head #10-24NC x 1in	
27 to 29	Not Used			
30		1	Seal Kit Options (Includes Items 14-22):	
	2901303		Machines without Arctic Package	
	1001138795		Machines with Arctic Package	

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FIGURE 5-4. LIFT CYLINDER ASSEMBLY - MAIN BOOM



SECTION 5 CYLINDER

FIGURE 5-4. LIFT CYLINDER ASSEMBLY - MAIN BOOM

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1683547	Ref	MAIN BOOM LIFT CYLINDER ASSEMBLY	L
1	1683821	1	Barrel Weldment	
2	1683549	1	Rod Weldment	
3	3480238	1	Piston	
4	0961901	1	Bushing, Tapered	
5	2220888	1	Plug, O-Ring	
6	1683071	1	Head	
7	3760374	1	Washer, Ring	
8	3932240	8	Bolt, Socket Head 3/4in x 2-1/2in	
9	Not Used			
10	Use 2901514	1	O-Ring	
11	Use 2901514	2	Ring, Back-up	
12	Use 2901514	1	Wiper	
13	Use 2901514	1	Seal, Rod	
14	Use 2901514	1	O-Ring	
15	Use 2901514	1	Ring, Back-up	
16	Use 2901514	2	Ring, Wear	
17	Use 2901514	1	T-Seal	
18	Use 2901514	1	Seal	
19	0962102	4	Bushing, Garmax	
20	Not Used			
21	4640509	1	Cartridge, Valve	
	2900792	1	Seal Kit - 4640509 Valve	
22	2180615	1	Orifice	
23	0100011	AR	Compound, Locking	
24	4641027	1	Plug, Check Valve	
25	0100038	AR	Primer, Locking	
26	2220883	1	Plug	
27 to 29	Not Used			
30	Use 2901514	1	Ring, Wear	
31	0630537	3	Bolt	
32 to 39	Not Used			
40	2901514	1	Seal Kit (Includes Items 10-18 & 30)	

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FIGURE 5-5. LIFT CYLINDER ASSEMBLY - TOWER BOOM

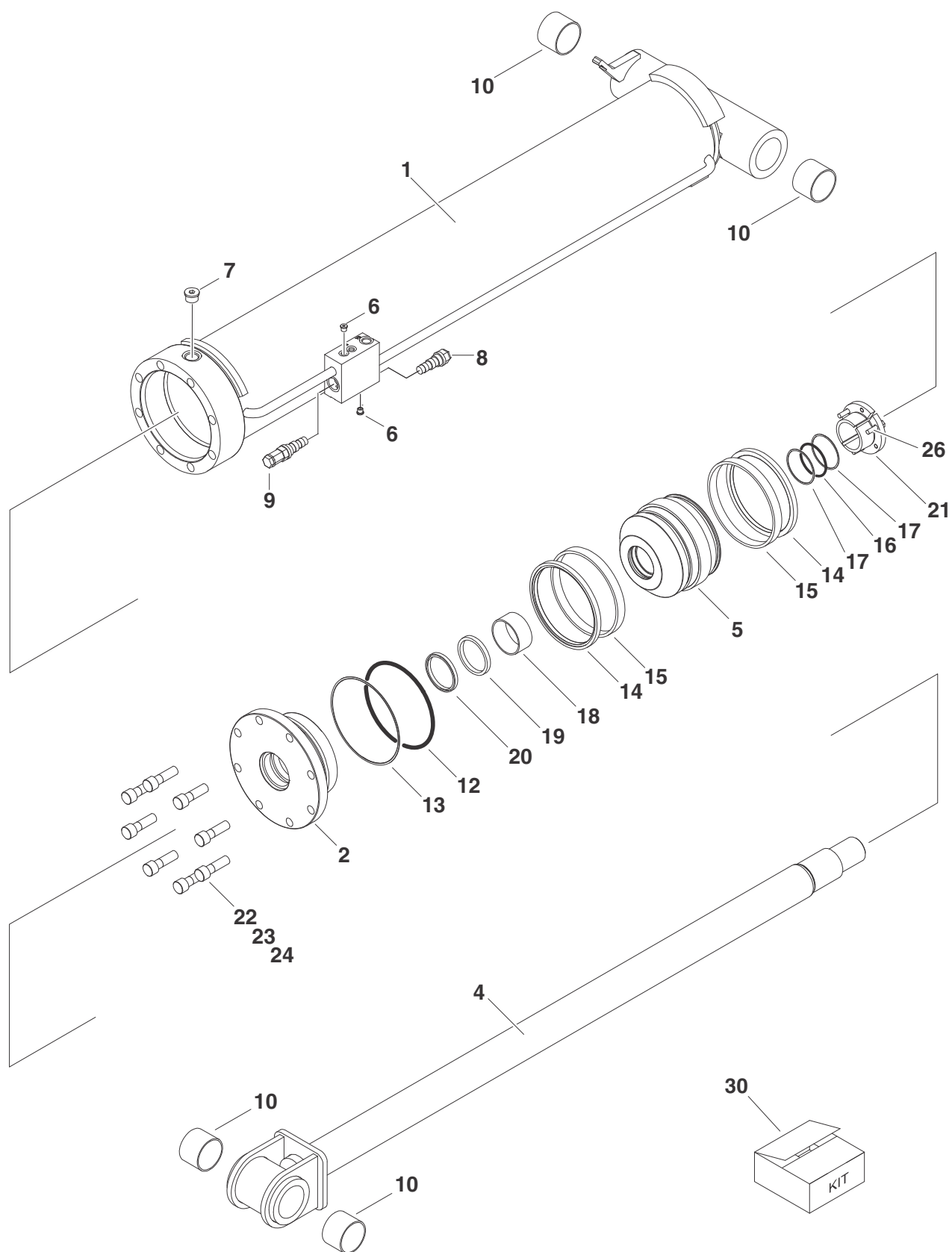
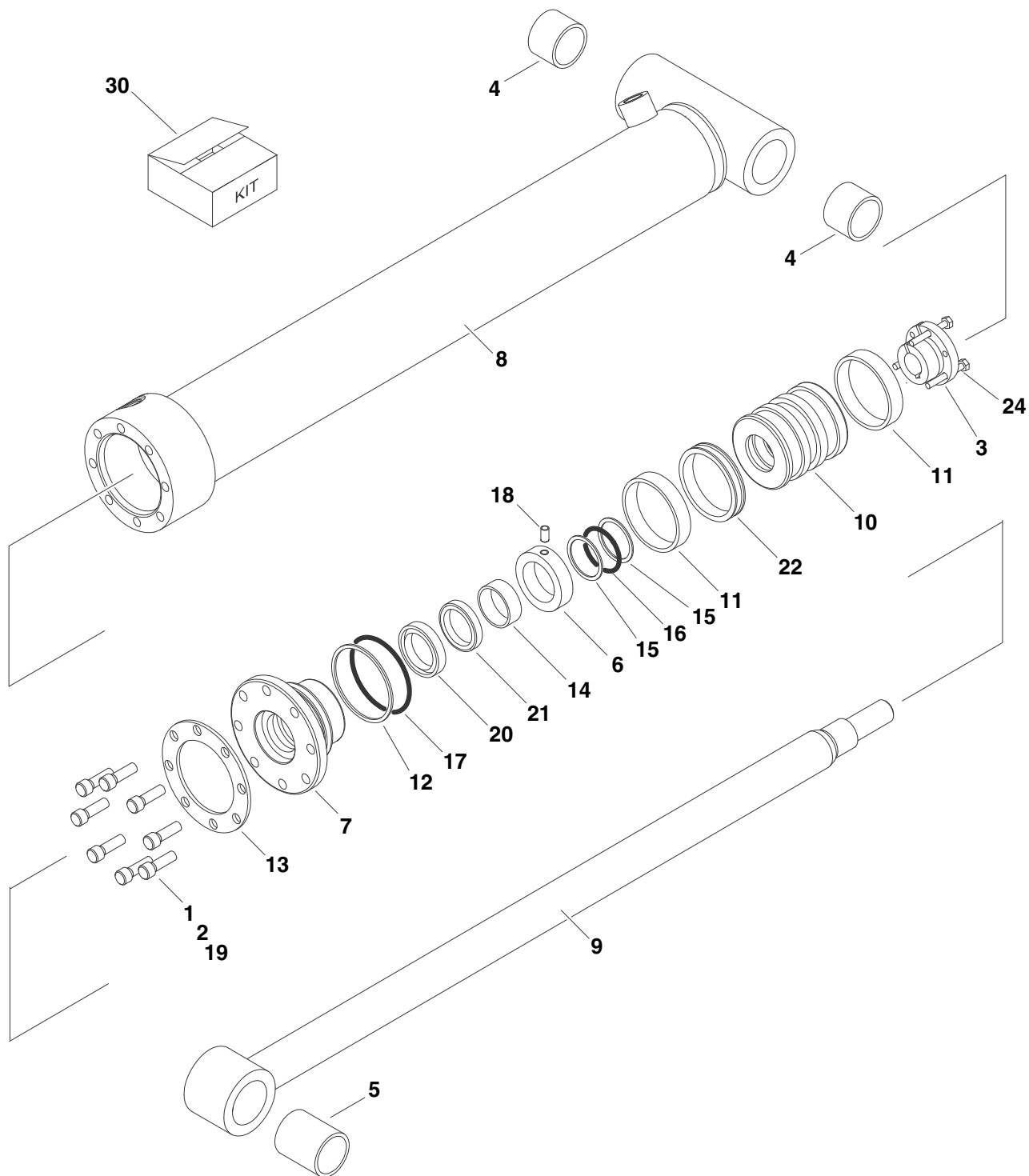


FIGURE 5-5. LIFT CYLINDER ASSEMBLY - TOWER BOOM

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1683537	Ref	TOWER LIFT CYLINDER ASSEMBLY	I
1	1683823	1	Barrel Weldment	
2	1683818	1	Head	
3	Not Used			
4	1683539	1	Rod Weldment	
5	3480236	1	Piston	
6	2220883	2	Plug, O-Ring	
7	2220888	1	Plug, O-Ring	
8	4640509	1	Cartridge, Valve	
	2900792	1	Seal Kit - 4640999 Valve	
9	4640605	1	Cartridge, Valve	
	2900792	1	Seal Kit - 4640605 Valve	
10	0962102	4	Bushing, Garmax	
11	Not Used			
12	Use 2901537	1	O-Ring	
13	Use 2901537	1	Ring, Back-up	
14	Use 2901537	2	Ring, Lock	
15	Use 2901537	2	Seal	
16	Use 2901537	1	O-Ring	
17	Use 2901537	2	Ring, Back-up	
18	Use 2901537	1	Ring, Wear	
19	Use 2901537	1	Seal	
20	Use 2901537	1	Wiper	
21	0961903	1	Bushing, Tapered	
22	3932240	8	Capscrew, Socket Head 3/4in x 2-1/2in	
23	0100011	AR	Compound, Locking	
24	0100038	AR	Primer, Locking	
25	Not Used			
26	0630536	3	Bolt	
27 to 29	Not Used			
30	2901537	1	Seal Kit (Includes Items 12-20)	

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FIGURE 5-6. MASTER CYLINDER ASSEMBLY - 800A



SECTION 5 CYLINDER

FIGURE 5-6. MASTER CYLINDER ASSEMBLY - 800A

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1683608	Ref	MASTER CYLINDER ASSEMBLY	H
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0962185	1	Bushing, Tapered	
4	0961951	2	Bushing, Garmax	
5	0962155	1	Bushing, Garmax	
6	0962156	1	Spacer, Tube	
7	1683050	1	Head	
8	1684114	1	Barrel	
9	1684115	1	Rod	
10	3480232	1	Piston	
11	Use 2901549	2	Ring, Wear	
12	Use 2901549	1	Ring, Back-up	
13	3760367	1	Ring, Washer	
14	Use 2901549	1	Ring, Wear	
15	Use 2901549	2	Ring, Back-up	
16	Use 2901549	1	O-Ring	
17	Use 2901549	1	O-Ring	
18	3900139	1	Setscrew 1/4in-20NC x 1/2in	
19	3931516	8	Capscrew 5/16in-18NC x 1in	
20	Use 2901549	1	Wiper	
21	Use 2901549	1	Seal	
22	Use 2901549	1	T-Seal	
23	Not Used			
24	0630534	3	Capscrew, Socket Head #10-24NC x 1in	
25 to 29	Not Used			
30	2901549	1	Seal Kit - 1683608 Cylinder (Includes Items 11,12, 14-17 & 20-22)	

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FIGURE 5-7. MASTER CYLINDER ASSEMBLY - 800AJ

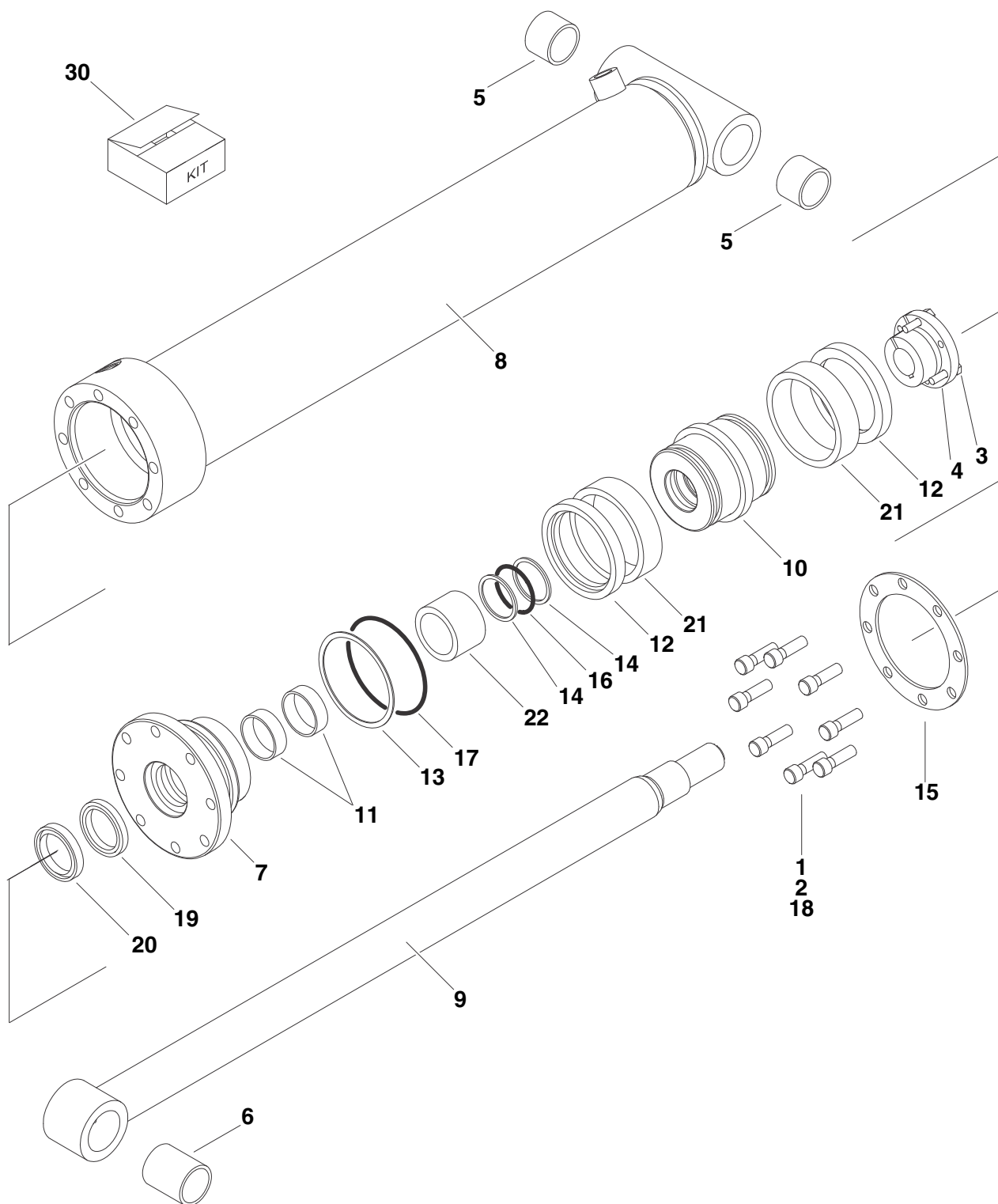
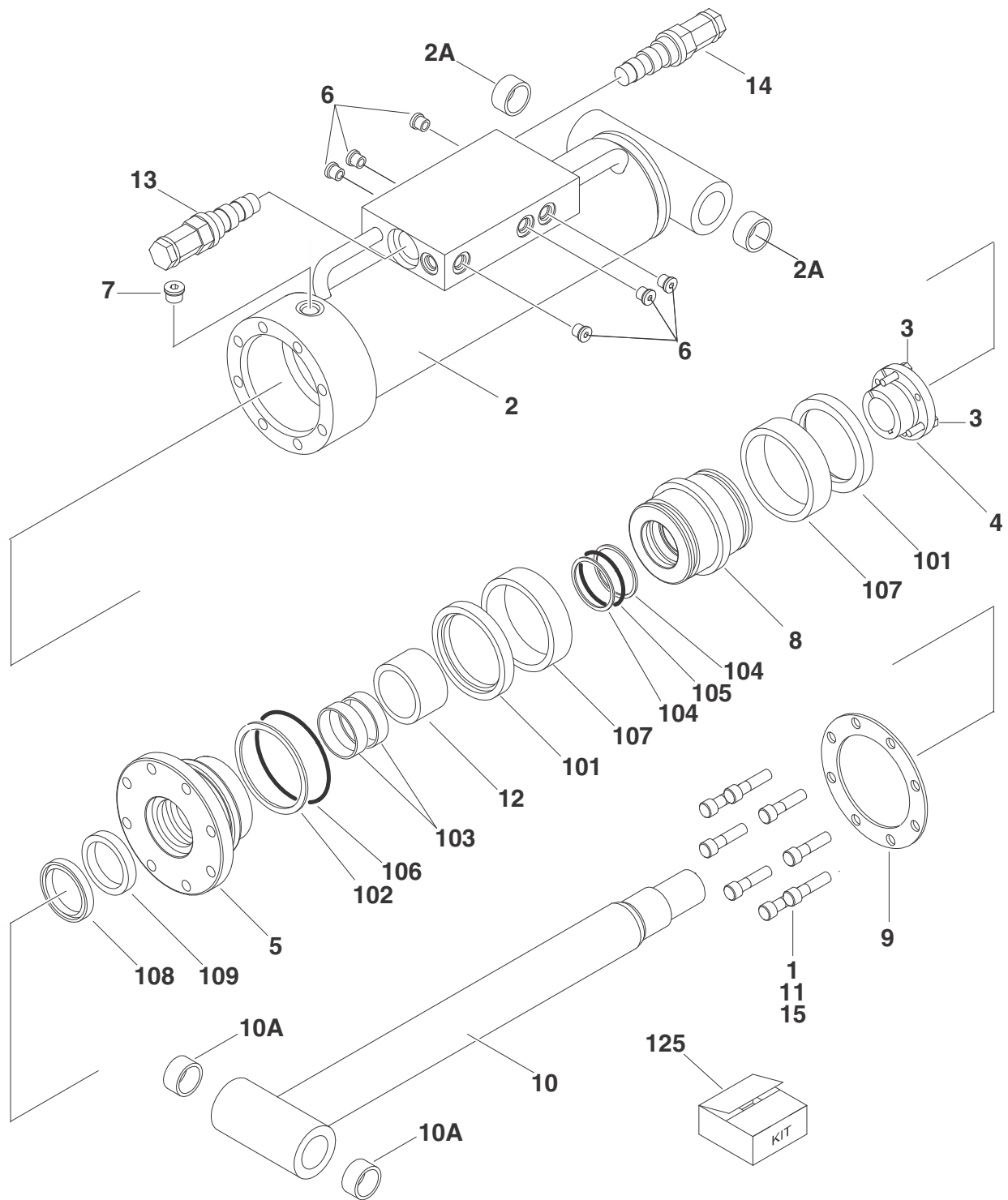


FIGURE 5-7. MASTER CYLINDER ASSEMBLY - 800AJ

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	MASTER CYLINDER ASSEMBLIES	
	1683682	Ref	Machines without Arctic Package	G
	1001138793	Ref	Machines with Arctic Package	A
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0630535	3	Capscrew, Socket Head 1/4in-20NC x 1-1/8in	
4	0961894	1	Bushing, Tapered	
5	0961951	2	Bushing, Garmax	
6	0962155	1	Bushing, Garmax	
7	1683055	1	Head	
8	1684125	1	Barrel	
9	1684126	1	Rod	
10	3480188	1	Piston	
11	See Note	2	Ring, Wear (Note: Use Item 30)	
12	See Note	2	Ring, Lock (Note: Use Item 30)	
13	See Note	1	Ring, Back-up (Note: Use Item 30)	
14	See Note	2	Ring, Back-up (Note: Use Item 30)	
15	3760369	1	Ring, Washer	
16	See Note	1	O-Ring (Note: Use Item 30)	
17	See Note	1	O-Ring (Note: Use Item 30)	
18	3931620	8	Capscrew 3/8in-16NC x 1-1/4in	
19	See Note	1	Seal, Rod (Note: Use Item 30)	
20	See Note	1	Wiper (Note: Use Item 30)	
21	See Note	2	Seal (Note: Use Item 30)	
22	4566468	1	Spacer, Tube	
23 to 29	Not Used			
30		1	Seal Kit Options (Includes Items 11-14, 16, 17 & 19-21):	
	2901301		Machines without Arctic Package	
	1001138796		Machines with Arctic Package	

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FIGURE 5-8. SLAVE CYLINDER ASSEMBLY - 800A



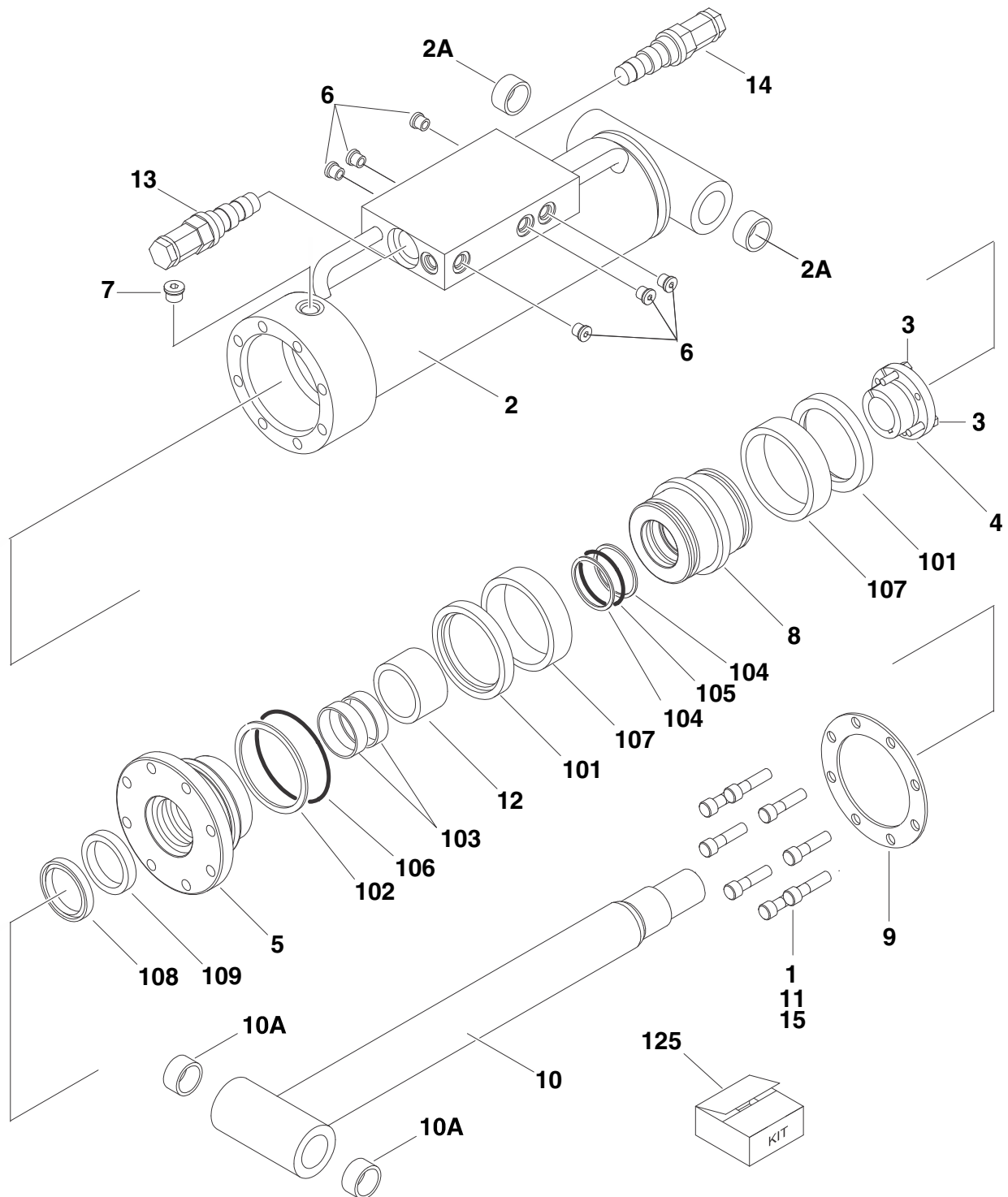
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FIGURE 5-8. SLAVE CYLINDER ASSEMBLY - 800A

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1684408	Ref	SLAVE CYLINDER ASSEMBLY	E
1	0100011	AR	Compound, Locking	
2	0370022	1	Barrel (Note: Includes Item 2A)	
2A	0961947	4	Bushing, Garmax	
3	0630535	3	Capscrew, Socket Head 1/4in-20NC x 1in	
4	0961902	1	Bushing, Tapered	
5	1683074	1	Head	
6	2220883	6	Plug	
7	2220885	1	Plug	
8	3480233	1	Piston	
9	3760369	1	Ring, Washer	
10	3850018	1	Rod (Note: Includes Item 10A)	
10A	0961947	4	Bushing, Garmax	
11	3931620	8	Capscrew 3/8in-16NC x 1-1/4in	
12	4567434	1	Spacer, Tube	
13	4640605	1	Valve, Cartridge	
	2900792	1	Seal Kit - 4640605 Valve	
14	4640932	1	Valve, Cartridge	
	7011112	1	Seal Kit - 4640932 Valve	
15	0100038	AR	Primer, Locking	
16 to 100	Not Used			
101	See Note	2	Ring, Lock (Note: Use Item 125)	
102	See Note	1	Ring, Back-up (Note: Use Item 125)	
103	See Note	2	Ring, Wear (Note: Use Item 125)	
104	See Note	2	Ring, Back-up (Note: Use Item 125)	
105	See Note	1	O-Ring (Note: Use Item 125)	
106	See Note	1	O-Ring (Note: Use Item 125)	
107	See Note	2	Seal (Note: Use Item 125)	
108	See Note	1	Wiper (Note: Use Item 125)	
109	See Note	1	Seal (Note: Use Item 125)	
110 to 124	Not Used			
125	2901556	1	Seal Kit (Includes Items 101-109)	

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FIGURE 5-9. SLAVE CYLINDER ASSEMBLY - 800AJ



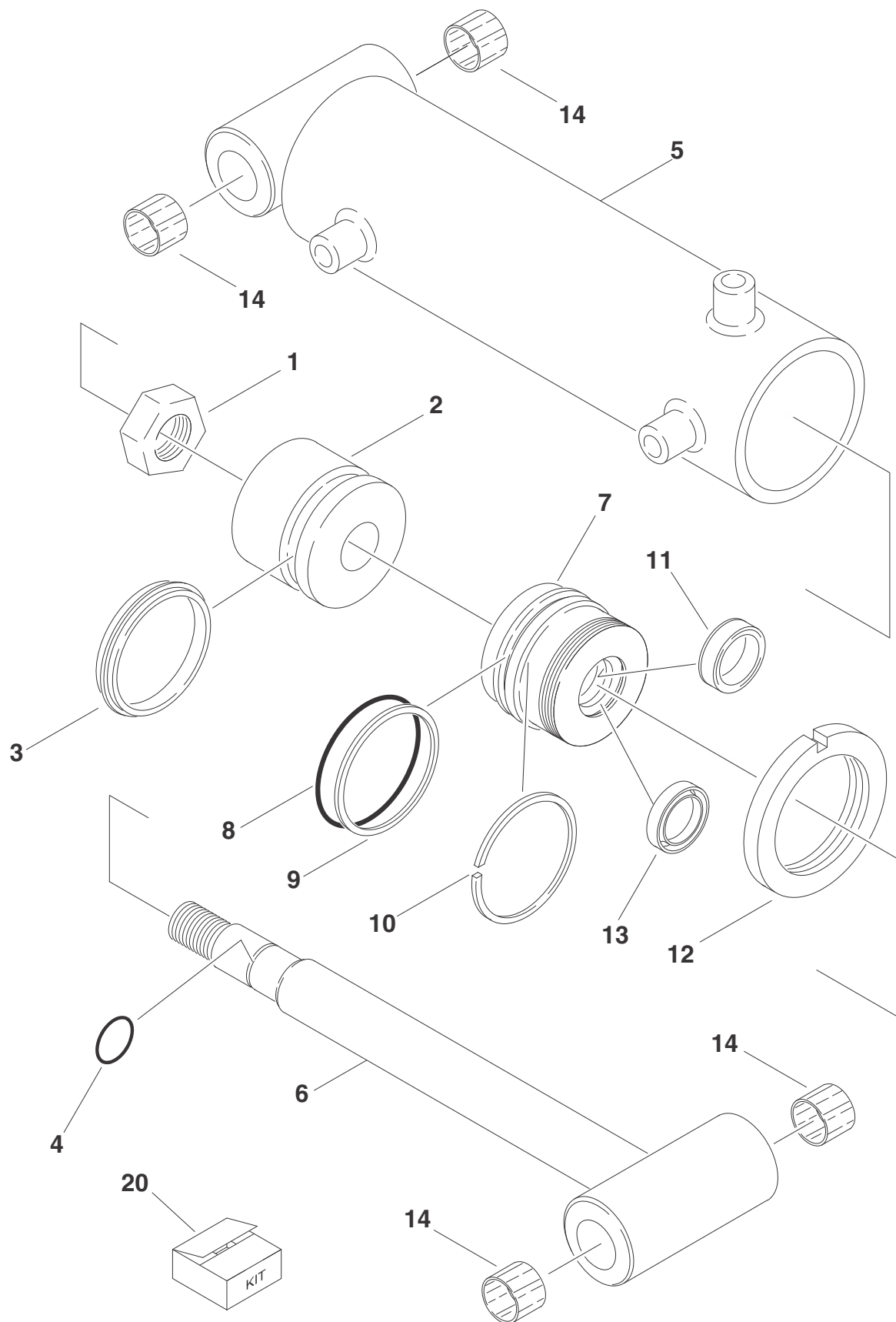
SECTION 5 CYLINDER

FIGURE 5-9. SLAVE CYLINDER ASSEMBLY - 800AJ

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	SLAVE CYLINDER ASSEMBLIES:	
	1684228	Ref	Machines without Arctic Package	E
	1001138791	Ref	Machines with Arctic Package	A
1	0100011	AR	Compound, Locking	
2	1684230	1	Barrel (Note: Includes Item 2A)	
2A	0961951	4	Bushing, Garmax	
3	0630535	3	Capscrew, Socket Head 1/4in-20NC x 1in	
4	0961894	1	Bushing, Tapered	
5	1683055	1	Head	
6	2220883	6	Plug	
7	2220885	1	Plug	
8	3480188	1	Piston	
9	3760369	1	Ring, Washer	
10	1684232	1	Rod Options: (Note: Includes Item 10A)	
10A	0961951	4	Bushing, Garmax	
11	3931620	8	Capscrew 3/8in-16NC x 1-1/4in	
12	4566468	1	Spacer, Tube	
13	4640605	1	Valve, Cartridge	
	2900792	1	Seal Kit - 4640605 Valve	
14	4640932	1	Valve, Cartridge	
	7011112	1	Seal Kit - 4640932 Valve	
15	0100038	AR	Primer, Locking	
16 to 100	Not Used			
101	See Note	2	Ring, Lock (Note: Use Item 125)	
102	See Note	1	Ring, Back-up (Note: Use Item 125)	
103	See Note	2	Ring, Wear (Note: Use Item 125)	
104	See Note	2	Ring, Back-up (Note: Use Item 125)	
105	See Note	1	O-Ring (Note: Use Item 125)	
106	See Note	1	O-Ring (Note: Use Item 125)	
107	See Note	2	Seal (Note: Use Item 125)	
108	See Note	1	Wiper (Note: Use Item 125)	
109	See Note	1	Seal (Note: Use Item 125)	
110 to 124	Not Used			
125		1	Seal Kit Options (Includes Items 101-109)	
	2901301		Machines without Arctic Package	
	1001138796		Machines with Arctic Package	

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FIGURE 5-10. STEER CYLINDER ASSEMBLY (USA BUILT MACHINES SN 0300140000 TO SN 0300142666)



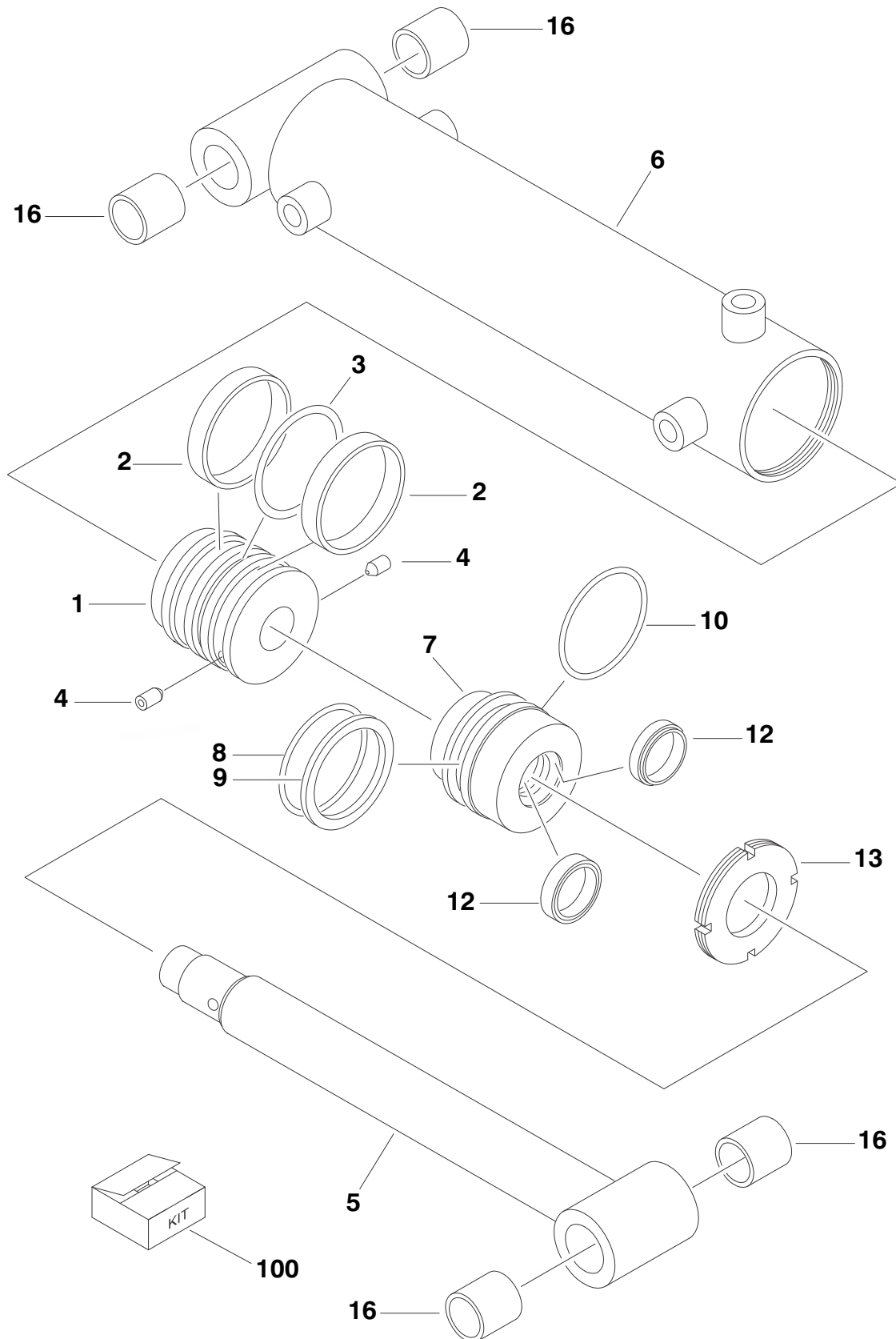
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FIGURE 5-10. STEER CYLINDER ASSEMBLY (USA BUILT MACHINES SN 0300140000 TO SN 0300142666)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1683740	Ref	STEER CYLINDER ASSEMBLY	C
1	7017210	1	Locknut	
2	7017211	1	Piston	
3	Use 7017215	1	Seal	
4	Use 7017215	1	O-Ring	
5	7023023	1	Barrel Weldment	
6	7017236	1	Rod Weldment	
7	7017213	1	Head	
8	Use 7017215	1	O-Ring	
9	Use 7017215	1	Ring, Back-up	
10	Use 7017215	1	Ring, Retainer	
11	Use 7017215	1	Seal	
12	7017214	1	Nut, Spanner	
13	Use 7017215	1	Wiper	
14	0961977	4	Bushings	
15 to 19	Not Used			
20	7017215	1	Seal Kit (Includes Items 3, 4, 8-11 & 13)	

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FIGURE 5-11. STEER CYLINDER ASSEMBLY (USA BUILT MACHINES SN 0300142664 TO SN 030183033 ONLY & CHINA BUILT MACHINES SN B300000100 TO PRESENT ONLY)



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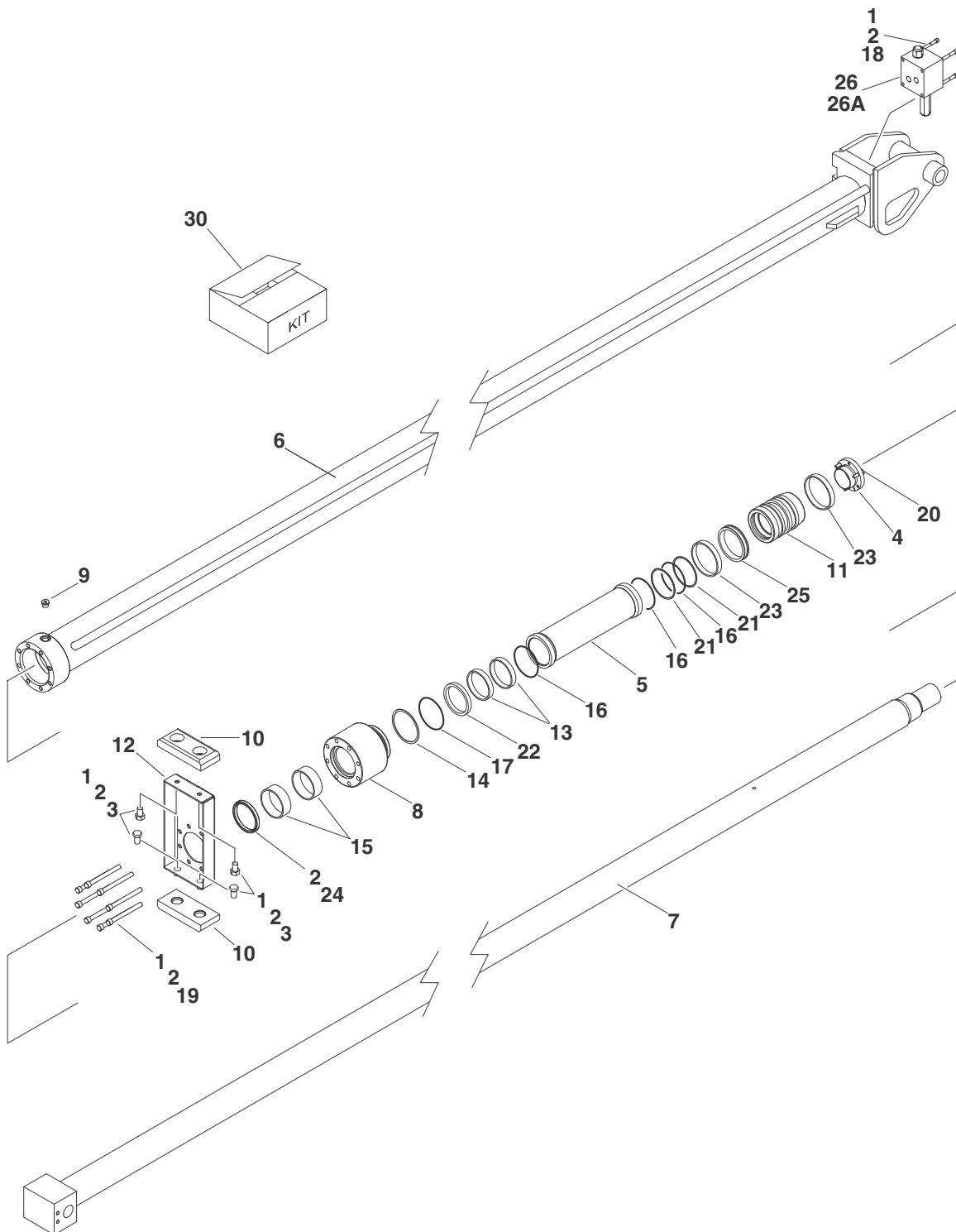
FIGURE 5-11. STEER CYLINDER ASSEMBLY (USA BUILT MACHINES SN 0300142664 TO SN 030183033 ONLY & CHINA BUILT MACHINES SN B300000100 TO PRESENT ONLY)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001097243	Ref	STEER CYLINDER ASSEMBLY	B
1	70002744	1	Piston	
2	Use 70002751	1	Seal	
3	Use 70002751	1	Seal	
4	70002745	2	Setscrew	
5	70002746	1	Rod Weldment	
6	70002747	1	Barrel Weldment	
7	70002748	1	Head	
8	Use 70002751	1	O-Ring	
9	Use 70002751	1	Ring, Back-up	
10	Use 70002751	1	Ring, Retainer	
11	70002749	1	Nut, Spanner	
12	Use 70002751	1	Seal	
13	Use 70002751	1	Wiper	
14	Use 70002751	5	O-Ring	
15	70002750	5	Plug, Port	
16	0962356	4	Bushings	

100	70002751	1	Seal Kit (Includes Items 2, 3, 8-10 & 12-14)	

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FIGURE 5-12. TELESCOPE CYLINDER ASSEMBLY - MAIN



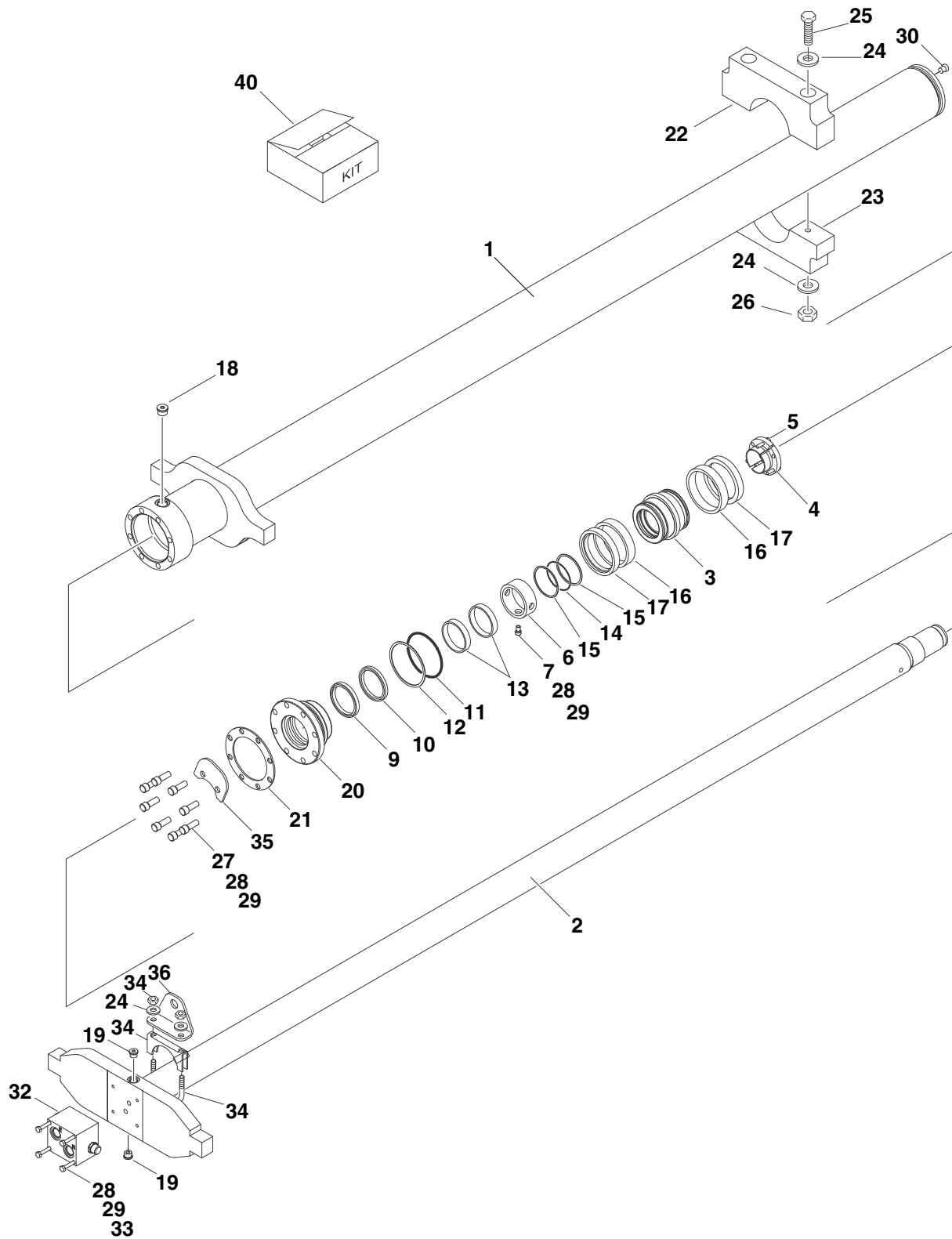
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FIGURE 5-12. TELESCOPE CYLINDER ASSEMBLY - MAIN

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	TELESCOPE CYLINDER ASSEMBLIES:	
	1683607	Ref	800A	H
		Ref	800AJ	
	1683672	Ref	USA Built Machines SN 0300140000 to SN 0300169023 & China Built Machines SN B300000100 to SN B300000743	H
	1001149284	Ref	USA Built Machines SN 0300169023 to SN 030183033 & China Built Machines SN B300000743 to Present	A
1	0100011	AR	Compound, Locking	
2	0100038	AR	Primer, Locking	
3	0641806	4	Bolt 1/2in-13NC x 3/4in	
4	0961897	1	Bushing, Tapered	
5	0962524	1	Spacer, Tube	
6		1	Barrel Options:	
	1683647		800A	
	1683673		800AJ	
7		1	Rod Options:	
	1683648		800A	
	1683675		800AJ	
8	1683663	1	Head	
9	2220885	1	Plug, O-Ring	
10	3340838	2	Pad, Wear	
11	3480234	1	Piston	
12	3570775	1	Plate	
13	Use 2901712	2	Ring, Wear	
14	Use 2901712	1	Ring, Back-up	
15	Use 2901712	2	Ring, Wear	
16	Use 2901712	3	O-Ring	
17	Use 2901712	1	O-Ring	
18	3931448	4	Capscrew 1/4in-20NC x 3in	
19	3931664	8	Capscrew 3/8in-16NC x 4in	
20	0630535	3	Bolt 1/4in-20NC x 1-1/8in	
21	Use 2901712	2	Ring, Back-up	
22	Use 2901712	1	Seal, Rod	
23	Use 2901712	2	Ring, Wear	
24	Use 2901712	1	Wiper	
25	Use 2901712	1	T-Seal	
26	4641033	1	Valve Assembly (No serviceable parts - sold as assembly only)	
26A	7024508	2	O-Ring	
27 to 29	Not Used			
30		1	Seal Kit Options (Includes Items 13-17 & 21-25):	
	2901712	1	Seal Kit - 1683607 & 1683672 Cylinders	
	1001149391	1	Seal Kit - 1001149284 Cylinder	

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FIGURE 5-13. TELESCOPE CYLINDER ASSEMBLY - TOWER



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FIGURE 5-13. TELESCOPE CYLINDER ASSEMBLY - TOWER

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1683606	Ref	TELESCOPE CYLINDER ASSEMBLY	K
1	1683632	1	Barrel Weldment	
2	1683629	1	Rod Weldment	
3	3480211	1	Piston	
4	0961897	1	Bushing, Tapered	
5	0630535	3	Bolt 1/4in-20NC x 1-1/8in	
6	4567413	1	Spacer, Tube	
7	3931508	1	Bolt, Socket Head 5/16in-18NC x 1/2in	
8	Not Used			
9	Use 2901273	1	Wiper	
10	Use 2901273	1	Seal	
11	Use 2901273	1	O-Ring	
12	Use 2901273	1	Ring, Back-up	
13	Use 2901273	2	Ring, Wear	
14	Use 2901273	1	O-Ring	
15	Use 2901273	2	Ring, Back-up	
16	Use 2901273	2	Seal	
17	Use 2901273	2	Ring, Lock	
18	2220886	1	Plug, O-Ring	
19	2220885	2	Plug, O-Ring	
20	1683061	1	Head	
21	3760370	1	Ring, Washer	
22	3340834	1	Pad, Support	
23	3340833	1	Pad, Support	
24	4711600	10	Flatwasher 3/8in Narrow	
25	0641552	3	Bolt 5/16in-18NC x 6-1/2in	
26	3271605	2	Locknut 3/8in-16NC	
27	3931720	2	Capscrew 7/16in-14NC x 1-1/4in	
28	0100038	AR	Primer, Locking	
29	0100011	AR	Compound, Locking	
30	2220883	1	Plug, O-Ring	
31	Not Used			
32	4641032	1	Valve Assembly (No serviceable parts - sold as assembly only)	
32A	7024397	2	O-Ring	
33	3931448	4	Capscrew 1/4in-20NC	
34	1320011	1	Clamp	
35	3572604	1	Plate, Proximity Switch Target	
36	3572605	1	Plate, Proximity Switch Mount	
37 to 39	Not Used			
40	2901273	1	Seal Kit (Includes Items 9-17)	

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FIGURE 5-13. TELESCOPE CYLINDER ASSEMBLY - TOWER (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 6-1. AXLE LOCKOUT HYDRAULIC DIAGRAM

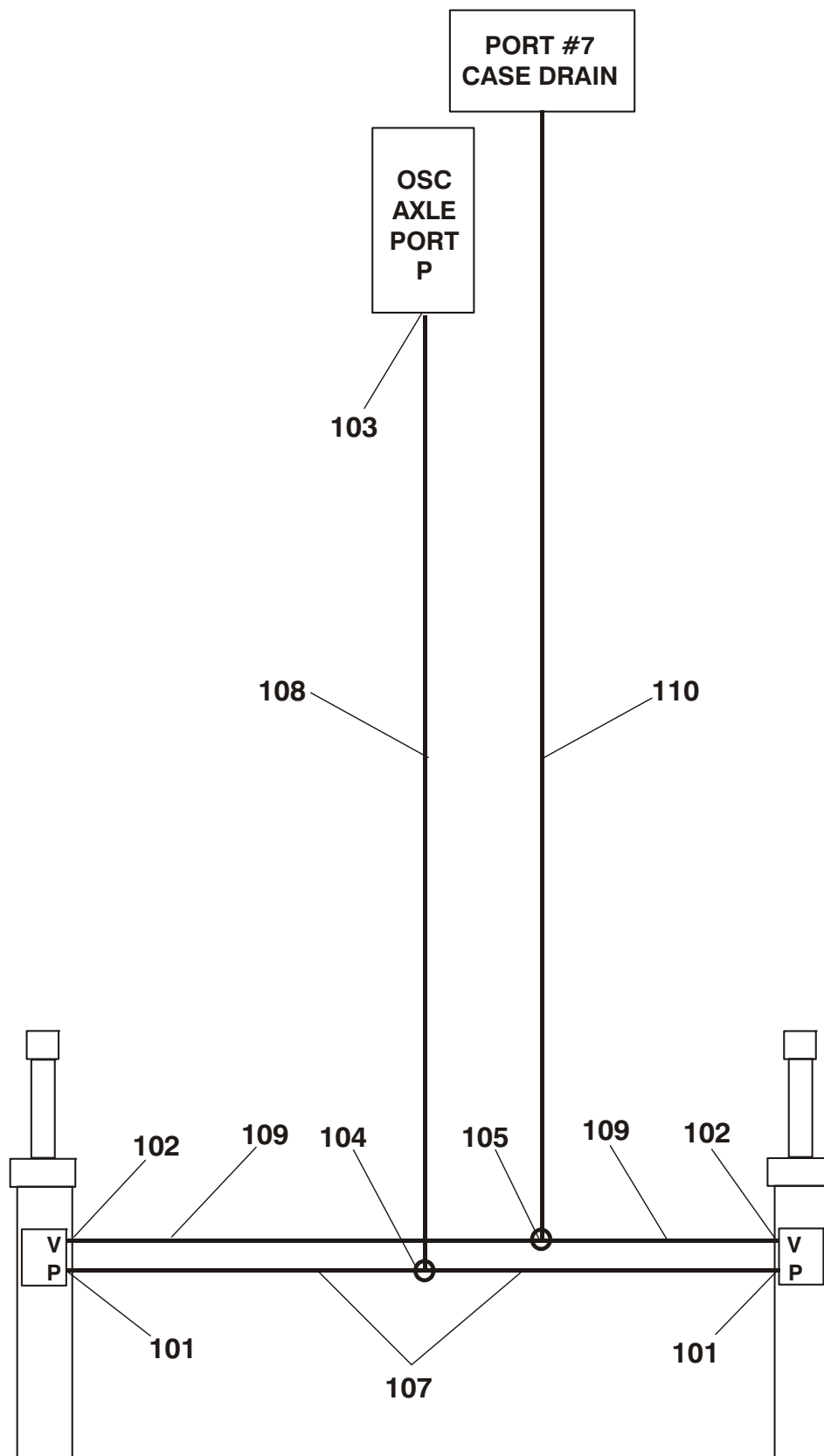
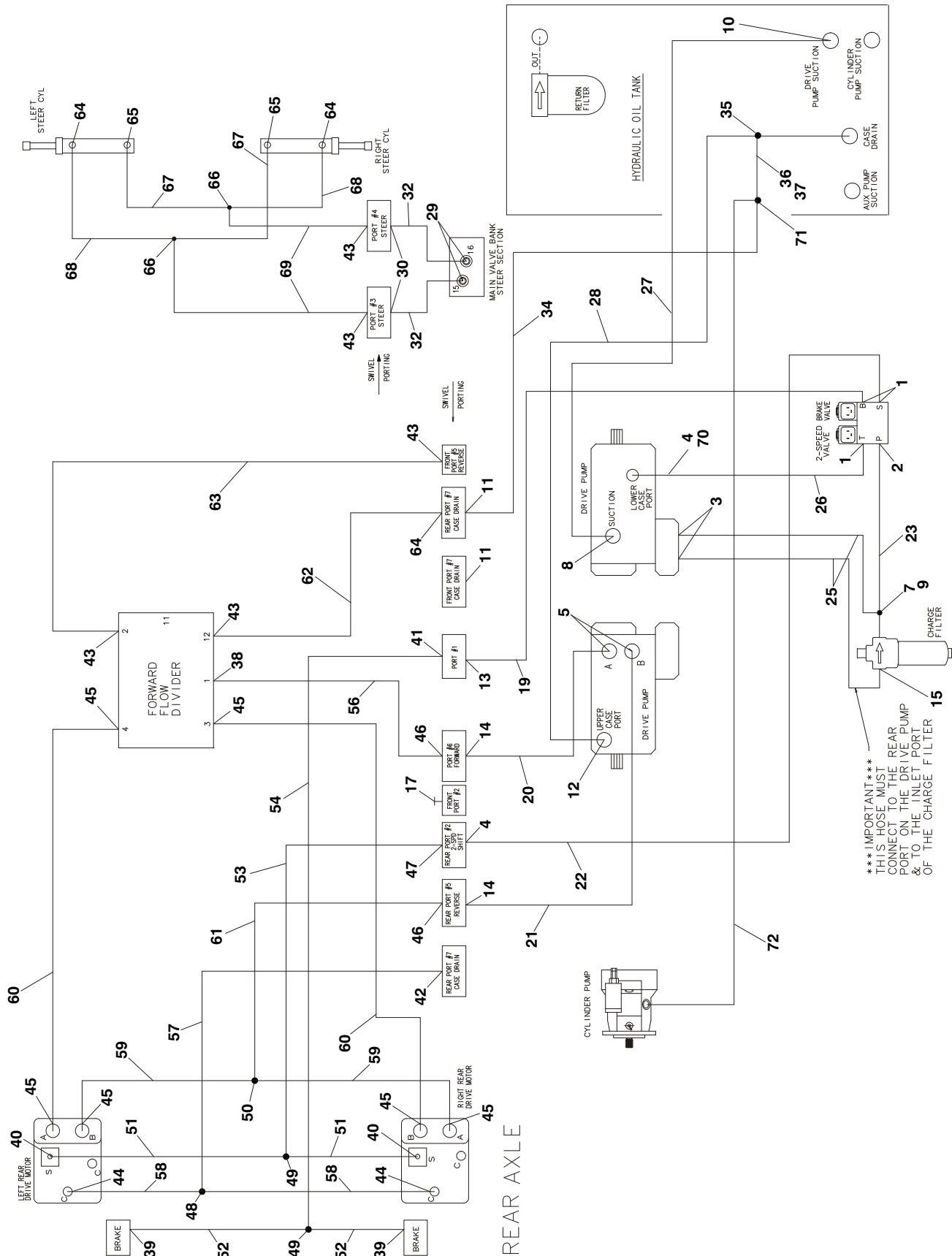


FIGURE 6-1. AXLE LOCKOUT HYDRAULIC DIAGRAM

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	2792648	Ref	AXLE LOCKOUT HYDRAULIC DIAGRAM	3
101	2110406	2	Fitting, Straight	
102	2110606	2	Fitting, Straight	
103	2110408	1	Fitting, Straight	
104	2170504	1	Fitting, Tee	
105	2170506	1	Fitting, Tee	
106	Not Used			
107	2753629	2	Hose	
108	2753630	1	Hose	
109	2753624	2	Hose	
110	2753627	1	Hose	

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FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - 2WD



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FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - 2WD

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	2792712	Ref	DRIVE HYDRAULIC DIAGRAM - 2WD	8/G
1	2220466	3	Fitting, Elbow	
2	2220940	1	Fitting, Elbow	
3	See Note	2	Fitting, Straight (Note: See TURNTABLE SECTION for fitting)	
4	2220582	AR	Fitting, Straight	
5	See Note	2	Fitting, Elbow (Note: See TURNTABLE SECTION for fitting)	
6	Not Used			
7	2220618	1	Fitting, Straight	
8	See Note	1	Fitting, Straight (Note: See TURNTABLE SECTION for fitting)	
9	2220602	1	Fitting, Tee	
10	2220380	1	Fitting, Straight	
11	2220375	1	Fitting, Straight	
12	See Note	1	Fitting, Straight (Note: See TURNTABLE SECTION for fitting)	
13	2220468	1	Fitting, Straight	
14	2220377	2	Fitting, Straight	
15	2220596	1	Fitting, Elbow	
16	Not Used			
17	2220237	2	Fitting, Plug	
18	Not Used			
19	2752997	1	Hose	
20	1001110032	1	Hose	
21	1001110033	1	Hose	
22	2751399	1	Hose	
23	2752434	1	Hose	
24	Not Used			
25	2752494	2	Hose	
26	2752453	1	Hose	
27	2752754	1	Hose	
28	2752673	1	Hose	
29	2220501	2	Fitting, Elbow	
30	2220473	2	Fitting, Elbow	
31	Not Used			
32	2752489	2	Hose	
33	Not Used			
34	2751500	1	Hose	
35	2220738	1	Fitting, Straight	
36	2220386	1	Fitting, Elbow	
37	2220622	1	Fitting, Reducer	
38	2151616	1	Fitting	
39	2110404	2	Fitting, Straight	
40	2110406	2	Fitting, Straight	
41	2110408	1	Fitting, Straight	
42	2130808	1	Fitting, Elbow	
43	2110606	6	Fitting, Straight	
44	2110808	2	Fitting, Straight	
45	2111212	6	Fitting, Straight	
46	2111616	2	Fitting, Straight	
47	2150406	1	Fitting, Elbow	

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FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - 2WD (CONTINUED)

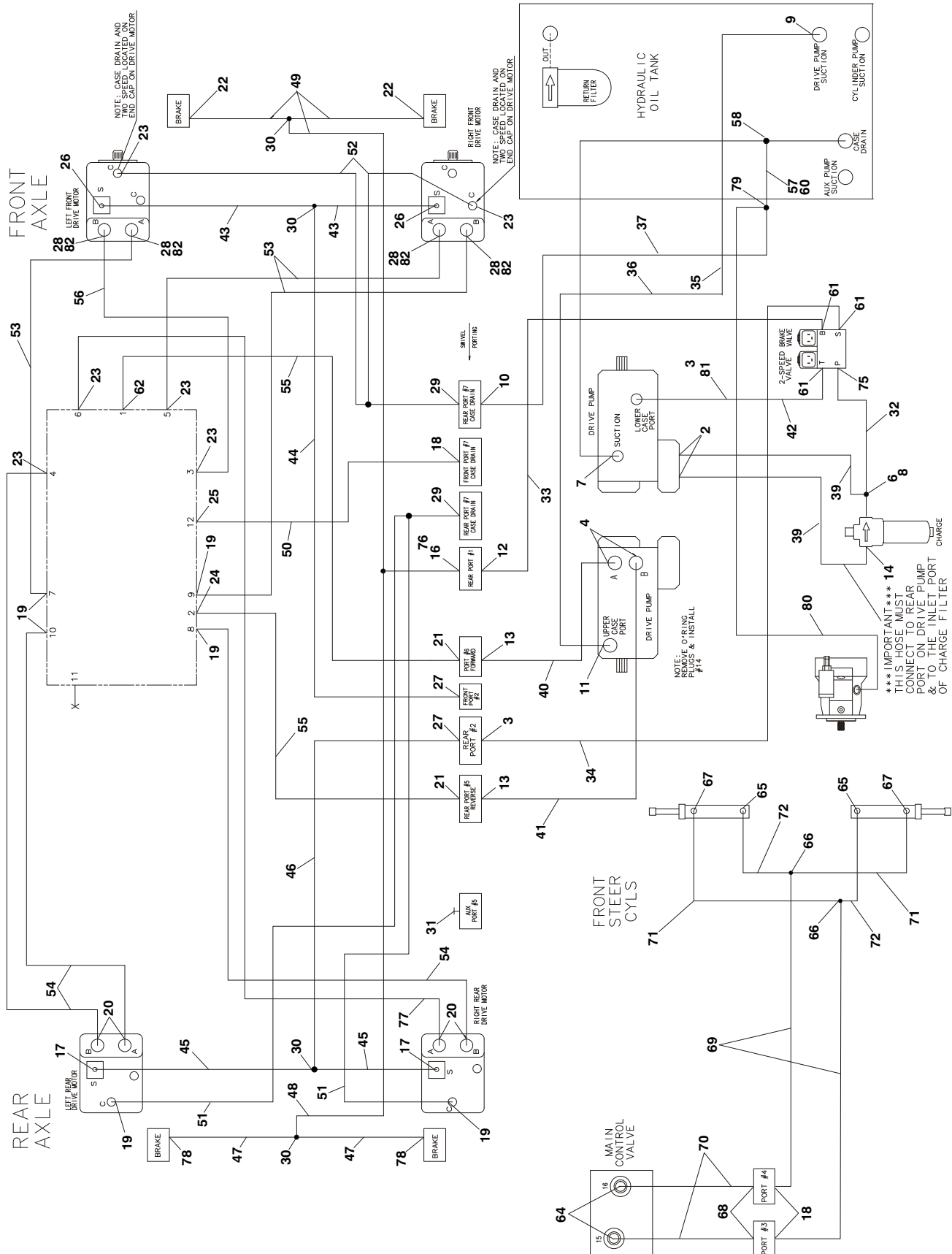
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
48	2170508	1	Fitting, Tee	
49	2170504	2	Fitting, Tee	
50	2170516	1	Fitting, Tee	
51	2754401	2	Hose	
52	2753725	2	Hose	
53	2753550	1	Hose	
54	2753622	1	Hose	
55	Not Used			
56	2753635	1	Hose	
57	2753685	1	Hose	
58	2754240	2	Hose	
59	2754238	2	Hose	
60	2753688	2	Hose	
61	2754402	1	Hose	
62	2754242	1	Hose	
63	2754243	1	Hose	
64	2130606	5	Fitting, Elbow	
65	2150606	2	Fitting, Elbow	
66	2170506	2	Fitting, Tee	
67	2753625	2	Hose	
68	2753626	2	Hose	
69	2753627	2	Hose	
70	See Note	1	Fitting, Reducer (Note: See TURNTABLE SECTION for fitting)	
71	2220385	1	Fitting, Tee	
72	2752934	1	Hose	

FIGURE 6-2. DRIVE HYDRAULIC DIAGRAM - 2WD (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 6-3. DRIVE HYDRAULIC DIAGRAM - 4WD/2WS



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FIGURE 6-3. DRIVE HYDRAULIC DIAGRAM - 4WD/2WS

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	DRIVE HYDRAULIC DIAGRAM - 4WD	
	2792711	Ref	Without Arctic Package	8/F
	2792745	Ref	With Arctic Package	7/F
1	Not Used			
2	See Note	2	Fitting, Straight (Note: See TURNTABLE SECTION for fitting)	
3	2220582	1	Fitting, Straight	
4	See Note	2	Fitting, Elbow (Note: See TURNTABLE SECTION for fitting)	
5	Not Used			
6	2220618	1	Fitting, Straight	
7	See Note	1	Fitting, Straight (Note: See TURNTABLE SECTION for fitting)	
8	2220602	1	Fitting, Tee	
9	2220380	1	Fitting, Straight	
10	2220375	1	Fitting, Straight	
11	See Note	1	Fitting, Straight (Note: See TURNTABLE SECTION for fitting)	
12	2220468	1	Fitting, Straight	
13	2220377	2	Fitting, Straight	
14	2220596	1	Fitting, Elbow	
15	Not Used			
16	2170350	1	Fitting, Tee	
17	2110406	2	Fitting, Straight	
18	2110606	3	Fitting, Straight	
19	2110808	6	Fitting, Straight	
20	2110812	4	Fitting, Straight	
21	2111616	2	Fitting, Straight	
22	2130404	4	Fitting, Elbow	
23	2130808	6	Fitting, Elbow	
24	2131616	1	Fitting, Elbow	
25	2130604	1	Fitting, Elbow	
26	2130406	2	Fitting, Elbow	
27	2150406	2	Fitting, Elbow	
28	2150808	4	Fitting, Elbow	
29	2170408	2	Fitting, Tee	
30	2170504	4	Fitting, Tee	
31	2220237	1	Fitting, Plug	
32	2752434	1	Hose	
33	2752997	1	Hose	
34	2751399	1	Hose	
35	2752754	1	Hose	
36	2752673	1	Hose	
37	2751500	1	Hose	
38	Not Used			
39	2752494	2	Hose	
40	1001110032	1	Hose	
41	1001110033	1	Hose	
42	2752453	1	Hose	
43		2	Hose Options:	
	2753549		Without Arctic Package	
	2754718		With Arctic Package	

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FIGURE 6-3. DRIVE HYDRAULIC DIAGRAM - 4WD/2WS (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
44	2753540	1	Hose	
45	2754401	2	Hose	
46	2753550	1	Hose	
47	2754337	2	Hose	
48	2754044	1	Hose	
49		3	Hose Options:	
	2753622		Without Arctic Package	
	2754719		With Arctic Package	
50	2753626	1	Hose	
51	2753686	2	Hose	
52		2	Hose Options:	
	2753628		Without Arctic Package	
	2754720		With Arctic Package	
53		3	Hose Options:	
	2753970		Without Arctic Package	
	2754743		With Arctic Package	
54	2753971	3	Hose	
55	2753634	2	Hose	
56		1	Hose Options:	
	2754040		Without Arctic Package	
	2754744		With Arctic Package	
57	2220386	1	Fitting, Elbow	
58	2220738	1	Fitting, Straight	
59	Not Used			
60	2220622	1	Fitting, Reducer	
61	2220466	3	Fitting, Elbow	
62	2151616	1	Fitting, Elbow	
63	Not Used			
64	2220501	2	Fitting, Elbow	
65	2150606	2	Fitting, Elbow	
66	2170506	2	Fitting, Tee	
67	2130606	4	Fitting, Elbow	
68	2220473	2	Fitting, Elbow	
69	2753627	2	Hose	
70	2752489	2	Hose	
71	2753626	2	Hose	
72	2753625	2	Hose	
73 to 74	Not Used			
75	2220940	1	Fitting, Elbow	
76	2220591	1	Fitting, Reducer	
77	2754338	1	Hose	
78	2110404	2	Fitting, Straight	
79	2220385	1	Fitting, Tee	
80	2752934	1	Hose	
81	See Note	1	Fitting, Reducer (Note: See TURNTABLE SECTION for fitting)	
82	2220811	4	Fitting, Reducer	

FIGURE 6-3. DRIVE HYDRAULIC DIAGRAM - 4WD/2WS (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 6-4. STANDARD HYDRAULIC DIAGRAM (WITH HALDEX BRAND AUXILIARY PUMP)

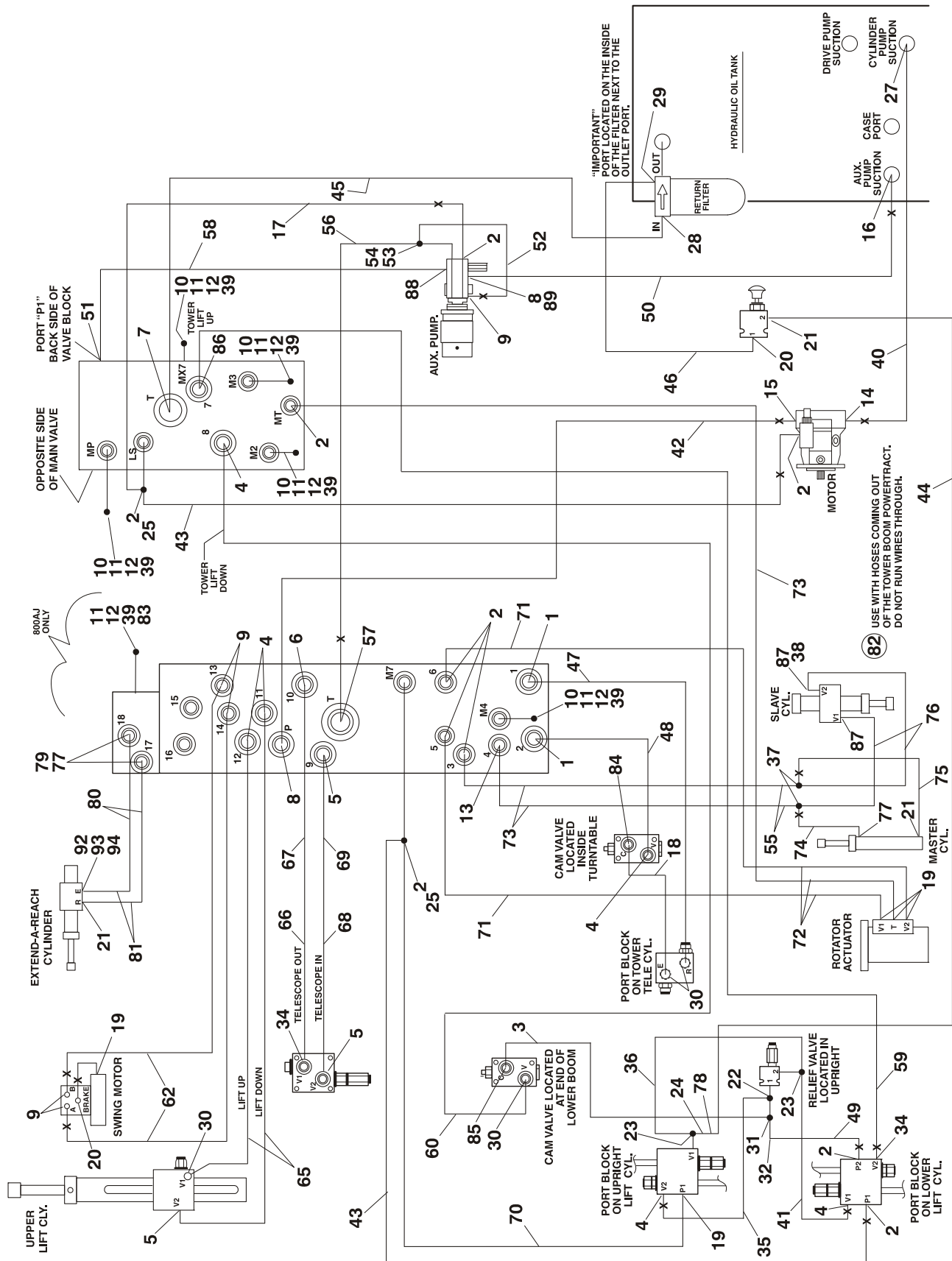


FIGURE 6-4. STANDARD HYDRAULIC DIAGRAM (WITH HALDEX BRAND AUXILIARY PUMP)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	STANDARD HYDRAULIC DIAGRAM	
	2792365	Ref	800A	13/L
	2792366	Ref	800AJ	16/P
1	2220381	2	Fitting, Straight	
2	2220415	AR	Fitting, Straight	
3	2753199	1	Hose	
4	2220373	6	Fitting, Straight	
5	2220500	3	Fitting, Elbow	
6	2220947	1	Fitting, Straight	
7	2220376	1	Fitting, Straight	
8	2220593	2	Fitting, Straight	
9	2220371	AR	Fitting, Straight	
10	2220873	4	Fitting, Straight	
11	2220428	AR	Fitting, Quick Disconnect	
12	2220429	AR	Fitting, Dust Cap	
13	2220502	1	Fitting, Elbow	
14	2220737	1	Split Flange Kit #24	
15	2220478	1	Split Flange Kit #16	
16	2220451	1	Fitting, Straight	
17	2752453	1	Hose	
18	2753200	1	Hose	
19	2220466	AR	Fitting, Elbow	
20	2220582	AR	Fitting, Straight	
21	2220473	AR	Fitting, Elbow	
22	2220602	1	Fitting, Tee	
23	2220999	2	Fitting, Tee	
24	2220619	1	Fitting, Reducer	
25	2220605	2	Fitting, Tee	
26	Not Used			
27	2220765	1	Fitting, Straight	
28	2220379	1	Fitting, Straight	
29	2220574	1	Fitting, Straight	
30	2220596	AR	Fitting, Elbow	
31	2220385	1	Fitting, Tee	
32	2220618	1	Fitting, Reducer	
33	Not Used			
34	2220852	2	Fitting, Straight	
35	2753197	1	Hose	
36	2753196	1	Hose	
37	2220490	2	Fitting, Tee	
38	4567139	1	Tube	
39	0100020	AR	Sealant, Pipe	
40	2753216	1	Hose	
41	2753195	1	Hose	
42	2753231	1	Hose	
43	2753010	2	Hose	
44	2752468	1	Hose	
45	2752721	1	Hose	

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FIGURE 6-4. STANDARD HYDRAULIC DIAGRAM (WITH HALDEX BRAND AUXILIARY PUMP)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
46	2752438	1	Hose	
47	2753192	1	Hose	
48	2752494	1	Hose	
49	2753008	1	Hose	
50	2752671	1	Hose	
51	4640780	1	Fitting, Check Valve	
52	2753118	1	Hose	
53	2220775	1	Fitting, Elbow	
54	2220635	1	Fitting, Tee	
55	2220609	2	Fitting, Reducer	
56	2752463	1	Hose	
57	2220577	1	Fitting, Straight	
58	2753118	1	Hose	
59	2752768	1	Hose	
60	2752930	1	Hose	
61	Not Used			
62	2752462	2	Hose	
63	Not Used			
64	Not Used			
65	2753189	2	Hose	
66	2752767	1	Hose	
67	2752766	1	Hose	
68	2753190	1	Hose	
69	2753191	1	Hose	
70	2752978	1	Hose	
71	2752585	2	Hose	
72		3	Hose Options:	
	2753009		800A	
	2753006		800AJ	
73	2753007	3	Hose	
74	2753124	1	Hose	
75	2753125	1	Hose	
76		2	Hose Options:	
	2753129		800A	
	2753126		800AJ	
77	2220501	AR	Fitting, Elbow	
78	4567757	1	Tube	
79		2	Fitting, Reducer Options:	
	Not Required		800A	
	2220591		800AJ	
80		2	Hose Options:	
	Not Required		800A	
	2753123		800AJ	
81		2	Hose Options:	
	Not Required		800A	
	2753128		800AJ	
82	4100062	4	Protection, Nylon Hose (24in/61cm per piece)	
83	2220873	1	Fitting (800AJ Only)	
84	2220947	1	Fitting, Straight	

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FIGURE 6-4. STANDARD HYDRAULIC DIAGRAM (WITH HALDEX BRAND AUXILIARY PUMP)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
85	2221036	1	Fitting, Elbow	
86	2220950	1	Fitting, Elbow	
87	2220603	2	Fitting, Straight	
88	2220501	1	Fitting	
89	2220655	1	Fitting, Elbow	
90 to 91	Not Used			
92	2180724	1	Fitting, Modified	
93	2180380	1	Fitting, Orifice	
94	0100019	AR	Compound, Locking	
		1	Hose Kit Options:	
			800A	
	2902456		Hose Kit (Includes Items 72 & 76)	
	2902457		Hose Kit (Includes Items 3, 35, 36, 41, 44, 49, 60, 65, 67, 69, 70, 71 & 73)	
			800AJ	
	2902459		Hose Kit (Includes Items 72, 76 & 81)	
	2902457		Hose Kit (Includes Items 3, 35, 36, 41, 44, 49, 60, 65, 67, 69, 70, 71 & 73)	

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FIGURE 6-5. STANDARD HYDRAULIC DIAGRAM (WITH BUCHER BRAND AUXILIARY PUMP)

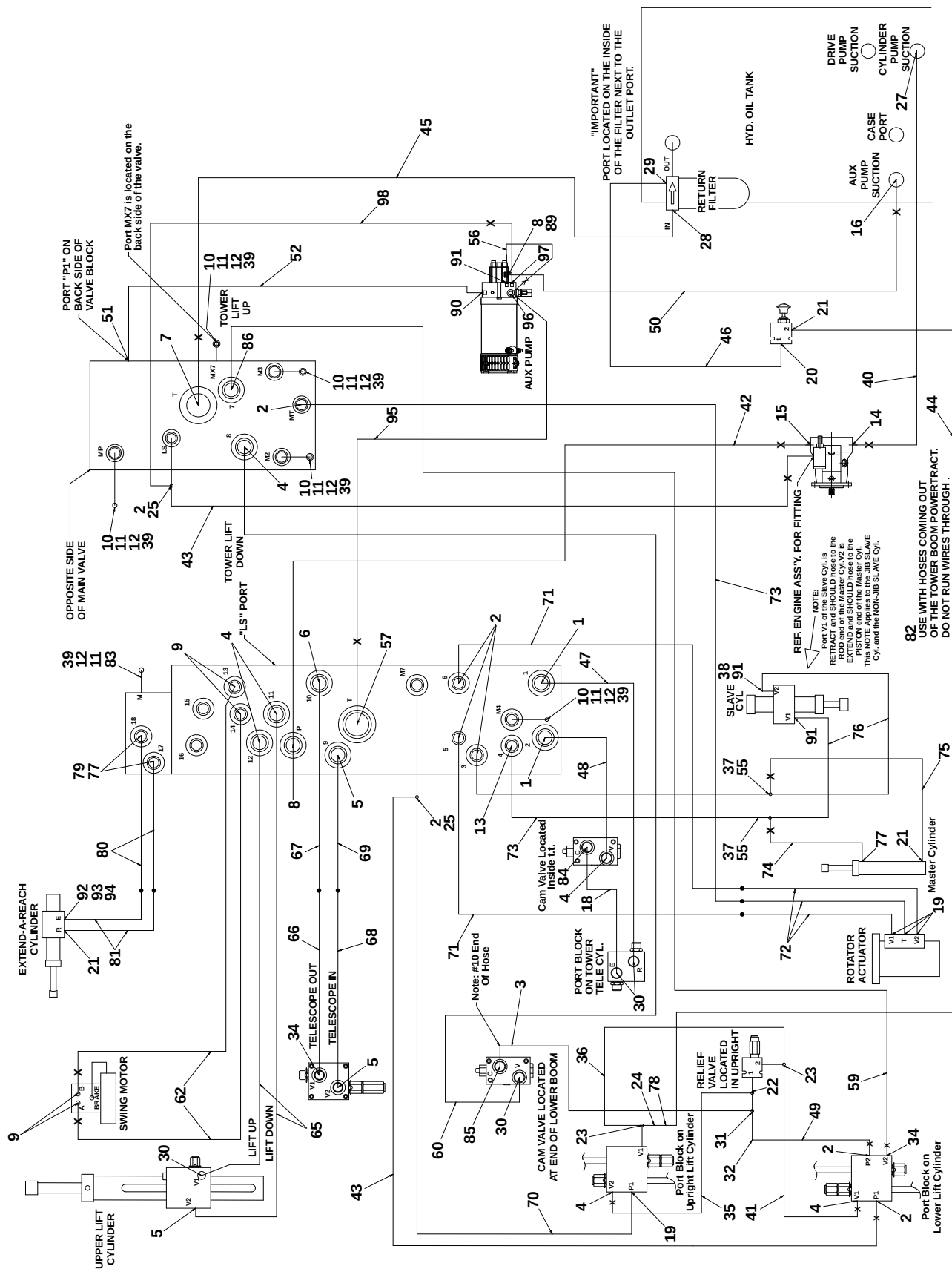


FIGURE 6-5. STANDARD HYDRAULIC DIAGRAM (WITH BUCHER BRAND AUXILIARY PUMP)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	STANDARD HYDRAULIC DIAGRAM	
	1001143187	Ref	800A	A
	1001143188	Ref	800AJ	B
1	2220381	2	Fitting, Straight	
2	2220415	8	Fitting, Straight	
3	2753199	1	Hose	
4	2220373	6	Fitting, Straight	
5	2220500	3	Fitting, Elbow	
6	2220947	1	Fitting, Straight	
7	2220376	1	Fitting, Straight	
8	2220593	2	Fitting, Straight	
9	2220371	4	Fitting, Straight	
10	2220873	5	Fitting, Straight	
11	2220428	AR	Fitting, Quick Disconnect	
12	2220429	AR	Fitting, Dust Cap	
13	2220502	1	Fitting, Elbow	
14	2220737	1	Split Flange Kit #24	
15	2220478	1	Split Flange Kit #16	
16	2220451	1	Fitting, Straight	
17	Not Used			
18	2753200	1	Hose	
19	2220466	4	Fitting, Elbow	
20	2220582	1	Fitting, Straight	
21	2220473	AR	Fitting, Elbow	
22	2220602	1	Fitting, Tee	
23	2220999	2	Fitting, Tee	
24	2220619	1	Fitting, Reducer	
25	2220605	2	Fitting, Tee	
26	Not Used			
27	2220765	1	Fitting, Straight	
28	2220379	1	Fitting, Straight	
29	2220574	1	Fitting, Straight	
30	2220596	4	Fitting, Elbow	
31	2220385	1	Fitting, Tee	
32	2220618	1	Fitting, Reducer	
33	Not Used			
34	2220852	2	Fitting, Straight	
35	2753197	1	Hose	
36	2753196	1	Hose	
37	2220490	2	Fitting, Tee	
38	4567139	1	Tube	
39	0100020	AR	Sealant, Pipe	
40	2753216	1	Hose	
41	2753195	1	Hose	
42	2753231	1	Hose	
43	2753010	2	Hose	
44	2752468	1	Hose	
45	2752721	1	Hose	

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FIGURE 6-5. STANDARD HYDRAULIC DIAGRAM (WITH BUCHER BRAND AUXILIARY PUMP)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
46	2752438	1	Hose	
47	2753192	1	Hose	
48	2752494	1	Hose	
49	2753008	1	Hose	
50	2752671	1	Hose	
51	4640780	1	Fitting, Check Valve	
52	2753118	1	Hose	
53 to 54	Not Used			
55	2220609	2	Fitting, Reducer	
56	2752463	1	Hose	
57	2220577	1	Fitting, Straight	
58	Not Used			
59	2752768	1	Hose	
60	2752930	1	Hose	
61	Not Used			
62	2752462	2	Hose	
63	Not Used			
64	Not Used			
65	2753189	2	Hose	
66	2752767	1	Hose	
67	2752766	1	Hose	
68	2753190	1	Hose	
69	2753191	1	Hose	
70	2752978	1	Hose	
71	2752585	2	Hose	
72		3	Hose Options:	
	2753009		800A	
	2753006		800AJ	
73	2753007	3	Hose	
74	2753124	1	Hose	
75	2753125	1	Hose	
76		2	Hose Options:	
	2753129		800A	
	2753126		800AJ	
77	2220501	1	Fitting, Elbow	
78	4567757	1	Tube	
79		2	Fitting, Reducer Options:	
	Not Required		800A	
	2220591		800AJ	
80		2	Hose Options:	
	Not Required		800A	
	2753123		800AJ	
81		2	Hose Options:	
	Not Required		800A	
	2753128		800AJ	
82	4100062	4	Protection, Nylon Hose (24in/61cm per piece)	
83	2220873	1	Fitting (800AJ Only)	
84	2220947	1	Fitting, Straight	
85	2221036	1	Fitting, Elbow	

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FIGURE 6-5. STANDARD HYDRAULIC DIAGRAM (WITH BUCHER BRAND AUXILIARY PUMP)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
86	2220950	1	Fitting, Elbow	
87 to 88	Not Used			
89	2220655	1	Fitting, Elbow	
90	2220501	1	Fitting	
91	2220603	3	Fitting, Straight	
92		1	Fitting, Modified Options:	
	Not Required		800A	
	2180724		800AJ	
93		1	Fitting, Orifice Options:	
	Not Required		800A	
	2180380		800AJ	
94	0100019	AR	Compound, Locking	
95	1001109690	1	Hose	
96	2220606	1	Fitting, Tee	
97	2220923	1	Fitting, Straight	
98	1001143192	1	Hose	
		1	Hose Kit Options:	
			800A	
	2902456		Hose Kit (Includes Items 72 & 76)	
	2902457		Hose Kit (Includes Items 3, 35, 36, 41, 44, 49, 60, 65, 67, 69, 70, 71 & 73)	
			800AJ	
	2902459		Hose Kit (Includes Items 72, 76 & 81)	
	2902457		Hose Kit (Includes Items 3, 35, 36, 41, 44, 49, 60, 65, 67, 69, 70, 71 & 73)	

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FIGURE 6-6. HYDRAULIC DIAGRAM LIST

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	Note: Diagrams with asterisk (*) are shown in the preceding pages. Information on diagrams not shown is available from JLG Service/Parts Departments.	
	2792648/1283387*	Ref	Axle Lockout Hydraulic Diagram (Machines with Oscillating Axle)	
		Ref	Drive Hydraulic Diagrams:	
	2792712*	Ref	2WD/2WS Machines	
	2792711*	Ref	4WD/2WS Machines	
	2792745*	Ref	4WD/2WS Machines (With Arctic Package)	
	2792710	Ref	4WD/4WS Machines	
	1001106992	Ref	4WD/4WS Machines (With Arctic Package)	
		Ref	Oil Cooler Hydraulic Schematic	
		Ref	Deutz Engine Options:	
	1001108701	Ref	USA Built Machines SN 0300140000 to SN 0300161435 & China Built Machines SN B300000100 to SN B300000630	
	1001143950	Ref	USA Built Machines SN 0300161435 to SN 030183033 & China Built Machines SN B300000630 to Present	
	1283309	Ref	GM Engine	
		Ref	Standard Hydraulic Diagrams:	
	2792365*	Ref	800A (Haldex Brand Auxiliary Pump)	
	1001143187*	Ref	800A (Bucher Brand Auxiliary Pump)	
	2792366*	Ref	800AJ (Haldex Brand Auxiliary Pump)	
	1001143188*	Ref	800AJ (Bucher Brand Auxiliary Pump)	
	2792629	Ref	Standard Hydraulic Schematic	
	2792700/1283387	Ref	Tow Bar Hydraulic Diagram	

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FIGURE 7-1. ELECTRICAL DIAGRAM LIST

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	1282571	Ref	COLD WEATHER START ELECTRICAL DIAGRAM	
	4933307	Ref	DRIVE/STEER CUT-OUT ELECTRICAL DIAGRAMS	
		Ref	GENERATOR ELECTRICAL DIAGRAMS	
		Ref	2500W	
		Ref	Caterpillar & Deutz Engines	
	1001112588	Ref	60Hz	
	1001112743	Ref	50Hz	
	4933350	Ref	GM Engines	
		Ref	4000W Options:	
	1001159648	Ref	Australian Specs	
	1001153025	Ref	CE Specs	
	1001160271	Ref	UK Specs	
		Ref	7500W Options:	
	1001112586	Ref	Caterpillar & Deutz Engines	
	4933349	Ref	GM Engines	
	1001098508	Ref	GLOW PLUG DIAGRAM	
	4923379	1	Harness	
	4933231	Ref	LIGHTS ELECTRICAL DIAGRAMS	
	4922643	1	Harness (Located in Ground Console Box)	
	3740049	1	Relay	
	4933218	Ref	PLATFORM SOFT TOUCH SYSTEM ELECTRICAL DIAGRAM	
		Ref	PLATFORM WORKLIGHTS ELECTRICAL DIAGRAMS	
	0273484	Ref	800A	
	0273485	Ref	800AJ	
	0274207	Ref	SLOPE SENSOR ELECTRICAL DIAGRAM	
		Ref	STANDARD ELECTRICAL DIAGRAMS:	
	1001110323	Ref	Caterpillar Engine	
	1001110322	Ref	Deutz Engine	
	1001110321	Ref	GM Engine	
		Ref	STANDARD ELECTRICAL SCHEMATICS	
	1001110310	Ref	Caterpillar, Deutz & GM Engines	
	1001131992	Ref	GM Engine Schematic (Engine Schematic Only. P/N 1001110310 is schematic for complete machine)	

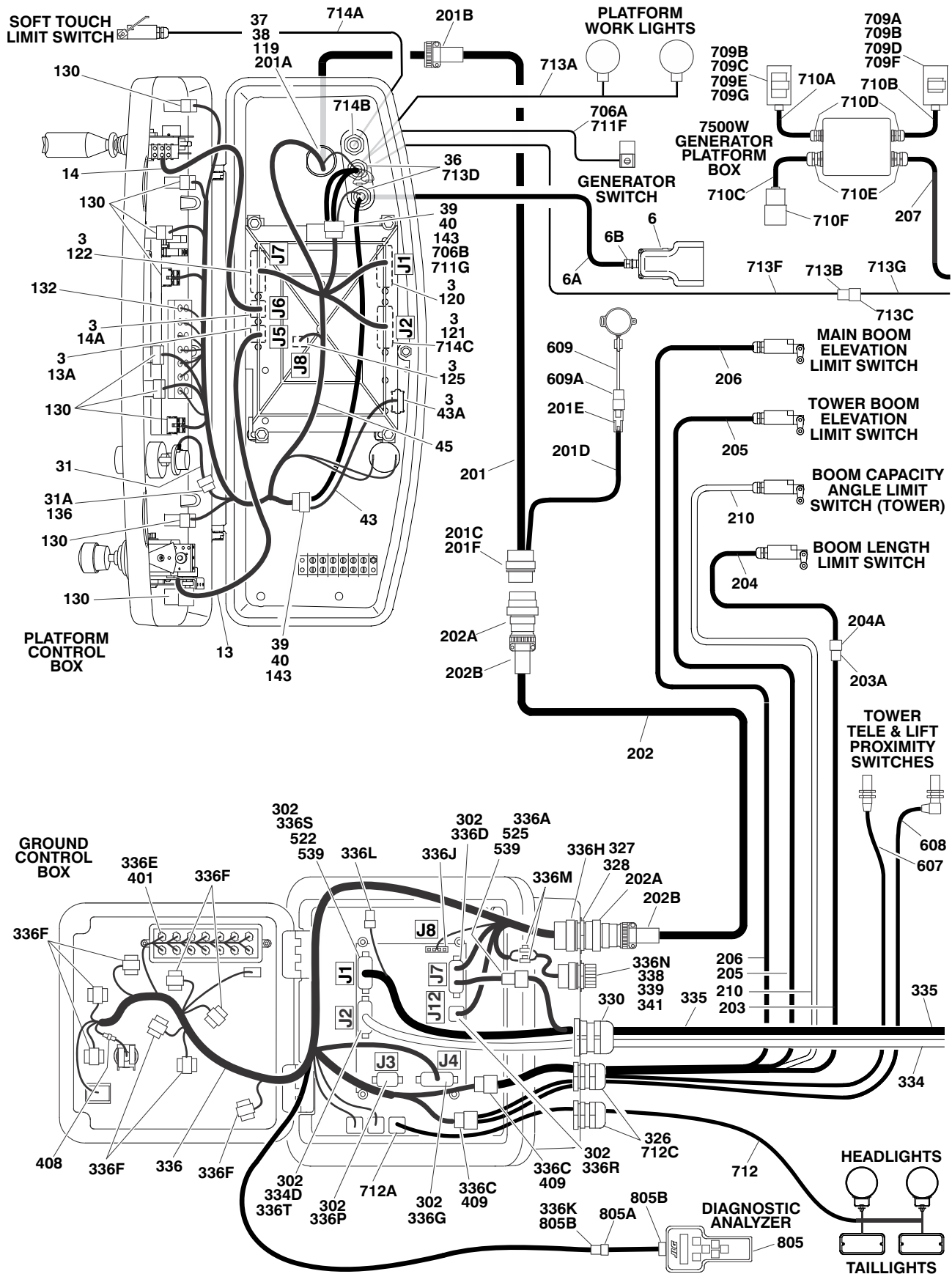
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FIGURE 7-1. ELECTRICAL DIAGRAM LIST (CONTINUED)

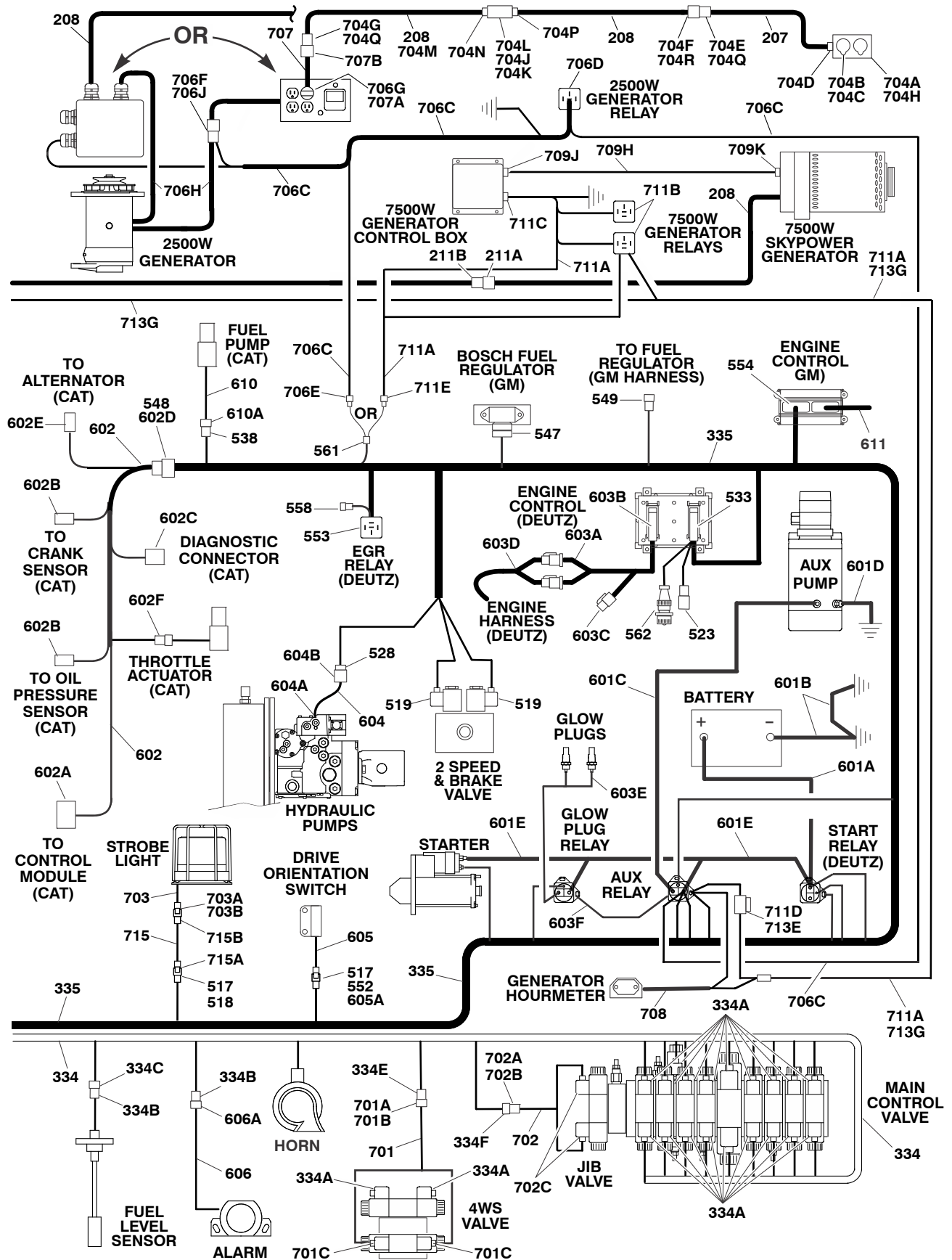
ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION



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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	PLATFORM BOX ASSEMBLY COMPONENTS	
	1001114448	Ref	USA Built Machines SN 0300140000 to SN 0300143928 & China Built Machines SN B300000100 to SN B300000202	C
	1001117428	Ref	USA Built Machines SN 0300143928 to SN 030183033 & China Built Machines SN B300000202 to Present	B
1 to 2	Not Used			
3	0100048	AR	Grease, Dielectric	
4 to 5	Not Used			
6		AR	Footswitch Components:	
6A	1060918	7ft/2.13m	Cable, Electrical - 18/3	
	4460042	3	Terminal, Ring	
	4460226	2	Socket, Female	
	4460464	1	Pin, Male (16 Gauge)	
6B	4460071	2	Connector, Strain Relief	
7 to 12	Not Used			
13	See Note	1	Controller Harness Assembly (Lift and Swing) (Note: Not Available for Purchase.)	
13A	7022819	1	Plug, Male - 8 Position (Natural)	
	4460871	8	Socket, Female	
14	See Note	1	Controller Harness/Circuit Board Assembly (Drive and Steer) (Note: Not Available for Purchase.)	
14A	7022825	1	Plug, Male - 8 Position (Black)	
	4460871	7	Socket, Female	
15 to 30	Not Used			
31	See Note	1	Controller Harness (Speed Control) (Note: Not Available for Purchase.)	
31A	4460224	1	Receptacle, Female - 6 Position	
	4460226	6	Socket, Female	
32 to 35	Not Used			
36	4460428	2	Connector, Strain Relief	
37	4460470	1	Nut, Terminal	
38	4460471	1	Lockwasher, Terminal	
39	4460708	2	Connector, Female 15 Position	
40	4460905	5	Seal, Plug	
41 to 42	Not Used			
43	4922666	1	Harness, Analyzer Cable	2/B
	4460226	4	Socket, Female (Not Shown - Located at J2)	
43A	4460761	1	Connector, Female - 4 Position	
	4460227	4	Pin, Male	
44	Not Used			
45	1001107753	1	Harness, Console Box (See Items 101-143 for Breakdown)	
	1001107753	Ref	PLATFORM BOX HARNESS ASSEMBLY	E
101 to 118	Not Used			
119	4460866	1	Connector 19 Position	
	4460464	7	Pin, Male (16 Gauge)	
	4460508	3	Pin, Male (12 Gauge)	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
120	4460874	1	Plug, Male 35 Position (Natural)	
	4460871	29	Socket, Female	
121	4460875	1	Plug, Male 35 Position (Gray)	
	4460871	24	Socket, Female	
122	4460873	1	Plug, Male 35 Position (Black)	
	4460871	26	Socket, Female	
123 to 124	Not Used			
125	4460879	1	Plug, Male 2 Position	
	4460887	2	Terminal (12 Gauge)	
126 to 129	Not Used			
130	4460418	9	Connector 6 Position	
	4460419	27	Terminal, Female	
131	Not Used			
132	4120035	13	Base, Light	
	4460634	13	Terminal, (16 Gauge)	
	4460635	13	Terminal, (12 Gauge)	
	2920129	13	Lamp, Indicator	
133 to 135	Not Used			
136	4460225	1	Plug, Male 6 Position	
	4460227	5	Pin, Male	
137 to 142	Not Used			
143	4460434	2	Plug, Male 15 Position	
	4460227	25	Pin, Male	
	Ref		BOOM CABLES INSTALLATION	
	Ref		800A	
	0271374	Ref	All Specs Except Australian & CE Specs	F
	0271375	Ref	CE Specs	E
	0272429	Ref	ANSI, ANSI Export & CSA Specs (With 7500W Generator) (Sky Power)	E
	0273431	Ref	Australian Specs (With 7500W Generator) (Sky Power)	B
	0272430	Ref	CE Specs (With 7500W Generator) (Sky Power)	E
	1001093748	Ref	ANSI, ANSI Export & CSA Specs (With Arctic Package)	A
	1001091330	Ref	ANSI, ANSI Export & CSA Specs (With Arctic Package & 7500W Generator) (Sky Power)	C
	Ref		800AJ	
	0271376	Ref	All Specs Except Australian & CE Specs	4/B
	0273434	Ref	Australian Specs	1/A
	0271377	Ref	CE Specs	4/C
	0272431	Ref	ANSI, ANSI Export & CSA Specs (With 7500W Generator) (Sky Power)	4/B
	0273432	Ref	Australian Specs (With 7500W Generator) (Sky Power)	2
	0272432	Ref	CE Specs (With 7500W Generator) (Sky Power)	4
	0275204	Ref	ANSI, ANSI Export & CSA Specs (With Arctic Package)	2
	1001092093	Ref	ANSI, ANSI Export & CSA Specs (With Arctic Package & 7500W Generator) (Sky Power)	3
	1001116474	Ref	ANSI Spec (With David Clark Communication System & 7500W Generator) (Sky Power) (Note: Not Shown - Contact your JLG Parts Representative.)	2
	Ref		Note: See SPECIAL OPTIONS SPECIAL for Machines with 4000W Generator.	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
201	4922575	1	Harness Assembly - Main Boom (12/4 -18/8) Options:	5/E
	1001091315		800A	C
	4922582		800A (With Arctic Package)	F
	4923490		800AJ	2/C
	1060896	AR	800AJ (With Arctic Package)	
	4923462	AR	Cable, Electrical - 4 #12 AWG, 8 #18 AWG & 1 STP #18 AWG (Without Arctic Package)	
		67ft/20.4m	Cable, Electrical - 4 #12 AWG, 8 #18 AWG & 1 STP #18 AWG Options (With Arctic Package):	
201A		64ft/19.5m	800A (With Arctic Package)	
	0100009	AR	800AJ(With Arctic Package)	
	4460865	1	Sealant	
	4460465	11	Connector - 19 Position	
	4460509	4	Socket, Female	
201B	4460466	4	Socket, Female	
	4460473	1	Seal, Plug	
201C	4460866	1	Clamp. Cable	
	4460464	11	Connector - 19 Position	
201D	4460508	4	Pin, Male (16 Gauge)	
	4460466	4	Pin, Male (12 Gauge)	
	4923613	1	Seal, Plug	
	1060978	2ft/0.6m	Harness, Tilt Switch	C
201E	1001097051	1	Cable, Electrical - 18/3	
	1001097082	3	Connector - 4 Position	
201F	4460466	1	Pin, Male (Gold)	
	4460464	3	Seal, Plug	
202		1	Pin, Male (16 Gauge)	
	4922576		Harness Assembly - Tower Boom (12/4 - 18/8) Options:	4/D
	4923489		Without Arctic Package	1/A
	1060896	44ft/13.4m	With Arctic Package	
	4923462	44ft/13.4m	Cable, Electrical - 4 #12 AWG, 8 #18 AWG & 1 STP #18 AWG (Without Arctic Package)	
202A			Cable, Electrical - 4 #12 AWG, 8 #18 AWG & 1 STP #18 AWG (With Arctic Package)	
	4460865	2	Connector - 19 Position	
	4460465	22	Socket, Female	
	4460509	8	Socket, Female	
202B	4460466	8	Seal, Plug	
	4460473	2	Clamp. Cable	
203		1	Harness Assembly - Tower Boom (18/2) Options:	
			800A	
	Not Required		Australian Specs (Without Arctic Package)	
	4922579		All Specs Except Australian Specs (Without Arctic Package)	
	1001091323		ANSI, ANSI Export & CSA Specs (With Arctic Package)	
			800AJ	
	4922579		CE Specs	
	1060902	47ft/14.3m	Cable, Electrical - 18/2 (Without Arctic Package)	
	4923466	47ft/14.3m	Cable, Electrical - 18/2 (With Arctic Package)	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
203A	4460465	2	Socket, Female	
	4460891	1	Connector, Terminal - 2 Position	
204		1	Harness Assembly - Main Boom (18/2) Options:	
			800A	
	Not Required		Australian Specs (Without Arctic Package)	
	4922868		All Specs Except Australian Specs (Without Arctic Package)	
	1001091319		ANSI, ANSI Export & CSA Specs (With Arctic Package)	
			800AJ	
	4922580		CE Specs	
	1060902	30ft/9.1m	Cable, Electrical - 18/2 (Without Arctic Package)	
	4923466	30ft/9.1m	Cable, Electrical - 18/2 (With Arctic Package)	
204A	4460464	2	Pin, Male	
	4460897	1	Plug, Terminal - 2 Position	
205		1	Harness Assembly - Tower Boom (18/2) Options:	
	4922578		800A (Without Arctic Package)	
	4923487		800A (With Arctic Package) (With 7500W Generator)	
	4922578		800AJ (Without Arctic Package)	
	Use 4923487		800AJ (With Arctic Package) (Without 7500W Generator) (was p/n 4923488)	
	4923487		800AJ (With Arctic Package) (With 7500W Generator)	
206		1	Harness Assembly - Main Boom (18/2) Options:	
	4922578		Without Arctic Package	
	4923487		With Arctic Package	
207		1	Harness Assembly - Main Boom Options:	
			800A:	
	4922215		All Specs Except Australian & CE Specs (10/3) (Without Arctic Package)	
	4922218		CE Spec (10/3)	
	1001125127		All Specs (8/5) (Without Arctic Package & 7500W Generator) (Sky Power)	
	1001091324		ANSI, ANSI Export & CSA Specs (10/3) (With Arctic Package)	
	Use 1001125127		ANSI, ANSI Export & CSA Specs (8/5) (With Arctic Package & 7500W Generator) (Sky Power) (was p/n 4922773)	
			800AJ:	
	4922216		All Specs Except Australian Specs (10/3) (Without Arctic Package)	
	4922219		Australian & CE Specs (10/3)	
	Use 1001125126		All Specs (8/5) (With 7500W Generator) (Sky Power) (was p/n 4922775)	
	4923485		ANSI, ANSI Export & CSA Specs (10/3) (With Arctic Package)	
208		1	Harness Assembly - Tower Boom Options:	
	4922217		All Specs Except Australian CE Specs (10/3)	
	4922220		Australian & CE Specs (10/3)	
	Use 1001125125		All Specs (8/5) (Without Arctic Package & 7500W Generator) (Sky Power) (was p/n 4922774)	
	4923486		ANSI, ANSI Export & CSA Specs (10/3) (With Arctic Package)	

SECTION 7 ELECTRICAL

FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
208 cont'd	Use 1001125125		All Specs Except Australian & CE Specs (8/5) (With Arctic Package & 7500W Generator) (Sky Power) (was p/n 4922774)	
209	1320256 1001092384	1	Clamp, Block Options (Not Shown-Located on back of T/T): Clamp, Block (All Except Machines With Arctic Package) With Arctic Package	
210	4922578	1	Harness Assembly (18/2) (800A Only) Options: All Specs Except Australian & CE Specs (Without Arctic Package)	
211	4923487 0272433	1	ANSI, ANSI Export & CSA Specs (With Arctic Package) Cable Connector Installation (With 7500W Generator) (Sky Power)	C
211A	4460959	1	Connector, Male (With 7500W Generator) (Sky Power)	
	1671093	1	Cover, Male Connector (Optional)	
211B	4460960	1	Connector, Female (With 7500W Generator) (Sky Power)	
	1671092	1	Cover, Female Connector (Optional)	
		Ref	GROUND CONTROL BOX COMPONENTS	
301	Not Used			
302	0100048	AR	Grease, Dielectric	
303 to 325	Not Used			
326	4460426	1	Connector, Strain Relief	
327	4460470	1	Nut, Terminal	
328	4460471	1	Lockwasher, Terminal	
329	Not Used			
330	4460526	1	Connector, Strain Relief	
331 to 333	Not Used			
334	4922557	1	Valve Harness Assembly	1/A
334A	4460880	19	Connector, DIN	
334B	4460320	2	Connector, Female- 2 Position	
	4460267	7	Pin, Male	
334C	4460424	1	Connector, Male- 2 Position	
	4460268	5	Pin, Female	
334D	4460871	31	Socket, Female	
334E	4460326	1	Connector, Male - 3 Position	
	4460267	7	Pin, Male	
334F	4460445	1	Connector, Female - 3 Position	
	4460268	5	Pin, Female	
335		1	Engine Harness Assembly (See 501 to 562 for Breakdown)	
	1001110324		Caterpillar Engine Machines	
	1001110222		Deutz Engine Machines	
	1001110221		GM Engine Machines	
336	1001110225	1	Ground Control Box Harness Assembly	C
336A	4460536	1	Connector, Female 3 Position	
	4460943	3	Pin, Male	
336B	3990010	2	Diode - 6 Amp (Not Shown)	
336C	4460434	2	Plug, Male 15- Position	
	4460227	22	Pin	

SECTION 7 ELECTRICAL

FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
336D	4460873	1	Connector, 35 Position (Black)	
	4460871	21	Socket, Female	
	4460905	AR	Seal, Plug	
336E	4120035	7	Base, Light	
	4460634	7	Terminal (16 Gauge)	
	4460635	6	Terminal (12 Gauge)	
336F	4460418	9	Connector, Female- 6 Position	
	4460419	27	Socket, Female	
336G	4460876	1	Connector, 35 Position (Blue)	
	4460871	29	Socket, Female	
	4460905	AR	Seal, Plug	
336H	4460866	1	Connector, Female - 19 Pin	
	4460464	7	Pin, Male (16 Gauge)	
	4460508	3	Pin, Male (12 Gauge)	
336J	4460878	1	Housing, Terminal - 4 Position	
	4460887	3	Terminal (12 Gauge)	
336K	4460761	1	Connector, Female 4- Position	
	4460227	4	Pin, Male	
336L	4460894	3	Plug, Male - 6 Position	
	4460465	AR	Socket, Female	
	4460892	3	Terminal, Buss Connector - 6 Position	
336M	8229242	2	Fuse 5A	
	2400060	2	Holder, Fuse	
336N	1001112612	1	Connector - 9 Position	
	4460943	4	Pin, Male	
336P	1001106339	1	Connector, Male - 14 Position	
	4460871	2	Socket, Female	
	4460905	AR	Plug, Seal	
336R	1001106340	1	Connector, Male - 14 Position	
	4460871	5	Socket, Female	
336S	4460874	1	Connector, Natural	
	4460871	10	Socket, Female	
	4460905	AR	Plug, Seal	
336T	4460875	1	Connector, Gray	
	4460871	2	Socket, Female	
	4460905	AR	Plug, Seal	
337		Ref	Ground Control Box Wiring Diagram (Not Shown - See Items 401 to 409 for Breakdown)	
	1001110323		Caterpillar Engine	
	1001110322		Deutz Engine	
	1001110321		GM Engine	
338	4460471	1	Lockwasher, Terminal	
339	4460470	1	Nut, Terminal	
340	Not Used			
341	1001106736	1	Cap, Dust	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	GROUND CONTROL BOX WIRING DIAGRAMS	
	1001110323	Ref	Caterpillar Engine	C
	1001110322	Ref	Deutz Engine	C
	1001110321	Ref	GM Engine	A
401	2920129	AR	Bulb, Light	
402 to 407	Not Used			
408	2400065	1	Fuse, 30Amp	
	2400066	1	Fuse, Holder	
409	4460708	2	Receptacle, Female - 15 Position	
	4460226	AR	Socket, Female	
	4460905	AR	Plug, Seal	
	4922637	1	Harness, Jumper (Not Shown)	
		Ref	ENGINE HARNESS ASSEMBLY	
	1001110324	Ref	Caterpillar Engine Machines	B
	1001110222	Ref	Deutz Engine Machines	B
	1001110221	Ref	GM Engine All Machines	A
501 to 516	Not Used			
517	4460424	2	Receptacle, Female - 2 Position	
518	4460268	AR	Socket, Female	
519	4460880	2	DIN Connector without Diode	
520 to 521	Not Used			
522	3990001	1	Diode (Caterpillar Engines Only)	
523	4461070	1	Receptacle, Female With Resistor (3 Position) (Deutz Engine Only)	
	4461095	1	Plug, Male - 3 Position (Deutz Engine Only)	
	4460944	3	Socket, Female (Deutz Engine Only)	
524	Not Used			
525	4460539	1	Connector, Male - 3 Position	
	4460944	3	Socket, Female	
526 to 527	Not Used			
528	4460460	1	Plug, Male - 4 Position	
	4460457	4	Terminal, Female	
	4460458	4	Seal, Terminal	
529 to 532	Not Used			
533	4461052	1	Connector, Receptacle - 25 Position (Deutz Engine Only)	
	4461005	5	Terminal (Gold) (Deutz Engine Only)	
	4461006	5	Seal, Terminal (Deutz Engine Only)	
	4461060	2	Terminal (Tin) (Deutz Engine Only)	
	4461054	2	Seal, Terminal (Deutz Engine Only)	
	4461053	1	Cover, Plug (Deutz Engine Only)	
	4461008	18	Plug, Hole (Deutz Engine Only)	
534 to 537	Not Used			
538	4460891	1	Connector, Male - 2 Position (Caterpillar Engine Only)	
	4460465	2	Socket, Female	
539	4460871	AR	Socket, Female	
	4460226	AR	Socket, Female	
540 to 546	Not Used			

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
547	4461121	1	Plug, Male - 4 Position (GM Engine Only)	A
	4461122	4	Socket, Female (GM Engine Only)	
	4461123	4	Seal, Terminal (GM Engine Only)	
548	4460899	1	Receptacle, Female - 6 Position (Caterpillar Engine Only)	
	4460464	6	Pin, Male (Caterpillar Engine Only)	
	4460466	1	Seal, Plug (Caterpillar Engine Only)	
549	4461124	1	Receptacle, Female - 4 Position (GM Engine Only)	
	4460693	4	Pin, Male (GM Engine Only)	
	4460608	4	Seal, Terminal (GM Engine Only)	
	4461161	1	Lock, Terminal (GM Engine Only)	
550 to 551	Not Used			
552	4460268	2	Socket, Female	
553	4460374	1	Connector, Relay (Deutz Engine Only)	
	4460375	4	Terminal, Female (Deutz Engine Only)	
554	4461109	1	Plug, Male - 16 Position (GM Engine Only)	
	4461111	7	Pin, Male (GM Engine Only)	
	4461113	7	Seal, Terminal (GM Engine Only)	
	4461222	9	Plug, Terminal (GM Engine Only)	
555 to 557	Not Used			
558	1001102290	1	Receptacle, Female - 2 Position (Deutz Engine Only)	
	1001102291	2	Socket, Female (Deutz Engine Only)	
	1001102304	2	Seal, Terminal (Deutz Engine Only)	
559 to 560	Not Used			
561	4461157	1	Receptacle, Female - 2 Position	
	4460979	2	Pin, Male	
	4460458	2	Seal, Terminal	
562	2902443	1	Receptacle Kit (Deutz Engine Only)	
	4461071	8	Socket, Female (Gold)	
	4461072	1	Receptacle 8 Position with Mounting Flange	
	4461073	1	Cap, Dust	
	4461074	1	Shell	
		Ref	STANDARD HARNESS COMPONENTS	
601		1	Battery Cable Kit Options:	A
	1001112762		Caterpillar Engines	
	2902401		Deutz Engines	
	2902533		GM Engines	
601A		1	Cable, Battery (Red) Options:	
	7027028		Caterpillar Engines (Kit p/n 1001112762) (Includes Item 601E)	
	1001116288		Deutz Engines (Kit p/n 2902401) (Includes Item 601E)	
	7027015		GM Engines (Kit p/n 2902533)	
601B		1	Cable, Battery (Black) Options:	
	7027029		Caterpillar Engines (Kit p/n 1001112762)	
	7027004		Deutz Engines (Kit p/n 2902401)	
	7027018		GM Engines (Kit p/n 2902533)	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
601C	7027030 7016824 7016824	1	Cable, Battery (Red) Options: Caterpillar Engines (Kit p/n 1001112762) Deutz Engines (Kit p/n 2902401) GM Engines (Kit p/n 2902533)	B
601D	7027031 7016825 7016825	1	Cable, Battery (Black) Options: Caterpillar Engines (Kit p/n 1001112762) Deutz Engines (Kit p/n 2902401) GM Engines (Kit p/n 2902533)	
601E	See Note See Note 7027017	1	Cable, Battery (Red) Options: Caterpillar Engines (Kit p/n 1001112762) (Note: Use Item 601A) Deutz Engines (Kit p/n 2902401) (Note: Use Item 601A) GM Engines (Kit p/n 2902533)	
602	1001112071	1	Harness, Caterpillar Engine	
	70004318	1	Fuse 5 Amp (at Fuse Box F1)	
	70004319	3	Fuse 10Amp (at Fuse Box F2, F3 & F4)	
	70004316	1	Relay, Starter (at Fuse Box)	
	70004317	2	Relay, Shut-Off & Glow Plug Control 25Amp (at Fuse Box)	
602A	70020808	1	Plug, Male 23 Position	
	4460871	16	Socket, Female	
602B	4460891	2	Plug, Male 2 Position	
	4460465	4	Socket, Female	
602C	See Note	1	Connector 8 Position (Note: Not Available for Purchase.)	
	See Note	2	Terminal (Note: Not Available for Purchase.)	
	See Note	1	Lock (Note: Not Available for Purchase.)	
	See Note	1	Cap (Note: Not Available for Purchase.)	
	4460916	6	Seal, Plug	
602D	4460894	1	Plug, Male 6 Position	
	4460465	5	Socket, Female	
	4460466	1	Plug, Seal	
602E	See Note	1	Connector 3 Position (Note: Not Available for Purchase.)	
	See Note	3	Terminal (Note: Not Available for Purchase.)	
602F	See Note	1	Connector 5 Position (Note: Not Available for Purchase.)	
	See Note	5	Terminal (Note: Not Available for Purchase.)	
	See Note	AR	Seal (Note: Not Available for Purchase.)	
603	See Note	AR	Deutz Engine Harness Components (Deutz Engine Machines Only) (Note: Not Available for Purchase.)	
603A	7027796	1	Deutz Engine Harness	
603B	See Note	1	Receptacle, Female - 25 Position (Note: Not Available for Purchase.)	
603C	7027793	1	Plug-In, Connector	
603D	70001872	1	Deutz Engine Harness (For other replacement parts refer to Deutz Engine dealer)	
603E	4923379	1	Deutz Glow Plugs Harness	
603F	1060904	1	Deutz Jumper Harness	
604	See Note	1	Pump Harness (Note: Not Available for Purchase.)	
604A	7007497	1	Plug (Pump End)	
604B	7007498	1	Plug (Engine Harness End)	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
605	4360517	1	Proximity Harness (Includes Switch)	C
605A	4460320	1	Plug, Male 2 Position	
	4460227	2	Pin, Male	
606	0257887	1	Alarm Harness (Includes Alarm)	
606A	4460424	1	Plug, Male - 2 Position	
	4460268	2	Socket, Female	
607	4360498	2	Proximity Switch Harness (Includes Switch)	
608	4360499	2	Proximity Switch Harness (Includes Switch)	
609	1001094400	Ref	Tilt Sensor Harness (Includes Sensor)	
609A	4461077	1	Plug, Male 4 Position	
	4460918	6	Socket, Female (Gold)	
610	See Note	1	Fuel Pump Harness (Caterpillar Engines Only) (Note: Not Available for Purchase.)	
610A	4460897	1	Receptacle, Female -2 Position (Caterpillar Engines Only)	
	4460464	2	Pin, Male (Caterpillar Engines Only)	
611		1	GM Engine Harness Options:	
	7027991		Tier 1 Engines	
	70000718		Tier 2 Engines	
	70002898		Tier 3 & 4 interim	
	7027989	1	Connector, Male - 10 Position (Not Shown)	
	See Note	1	Box, Fuse (Note: Parts of Harness - Not Available for Purchase)	
	70002627	1	Cover, Fuse Box	
	70001950	2	Relay (Power & Fuel Pump)	
	70001951	1	Relay (Starter)	
	70001931	1	Fuse - 60 Amp (Alternator)	
	See Note	1	Fuse - 20 Amp (Note: Not Available - Purchase Locally)	
	See Note	3	Fuse - 15 Amp (Note: Not Available - Purchase Locally)	
	See Note	1	Fuse - 10 Amp (Note: Not Available - Purchase Locally)	
	See Note	1	Fuse - 5 Amp (Note: Not Available - Purchase Locally)	
		Ref	OPTIONAL HARNESS COMPONENTS	
701	4921928	1	4WS Valve Harness	E
701A	4460268	3	Socket, Female	
701B	4460445	1	Connector, Female - 3 Position	
701C	4460499	2	Connector, DIN with Diode	F
702	4921927	1	Jib Valve Harness (800AJ Only)	
702A	4460326	1	Plug, Male - 3 Position	
702B	4460267	3	Pin, Male	
702C	4460499	2	Connector, DIN with Diode	
703		1	Strobe Light Harness (Includes Strobe Light) Options:	
	0272507		USA Built Machines SN 0300140000 to SN 0300171629 & China Built Machines SN B300000100 to SN B300000767	
	2920161		USA Built Machines SN 0300171629 to SN 030183033 & China Built Machines SN B300000767 to Present	
703A	4460320	1	Connector, Female - 2 Position (Strobe Light - 0272507)	
	4460267	2	Pin, Male (Strobe Light - 0272507)	
703B	4460891	1	Connector, Male - 2 Position (Strobe Light - 2920161)	
	4460465	2	Socket, Female (Strobe Light - 2920161)	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
704		Ref	AC to Platform Receptacle Components Options: Note: See SPECIAL OPTIONS SPECIAL for Machines with 4000W Generator.	
	0272259	Ref	110V/60Hz GFI Receptacle (All Specs Except Australian & CE Specs)	B
	0256202	Ref	110V/50Hz Receptacle (Plug & Receptacle Supplied Locally) (Australian, Brazilian, Latin America Specs)	C
	0272260	Ref	220V Receptacle All Specs Except ANSI Export, Australian & CE Specs)	B
	0274619	Ref	Dual 110V GFI Receptacles (Note: Double qty listed for Dual Receptacles)	2/B
	0272433	Ref	Mid Boom Connection Only/No Receptacle (Includes Items 211A & 211B)	C
		Ref	CE Specs Options Only (CE Spec are USA Built Machines): Without Generator:	
	0256202	Ref	110/220V Receptacle (Locally Supplied Box & Receptacle)	C
	1001091969	Ref	110V with IEC Yellow Receptacle & Plug & Circuit Breaker	B
	1001091970	Ref	220V with IEC Blue Receptacle & Plug & Circuit Breaker	B
	1001091971	Ref	220V with CEE 7 Post Ground Receptacle & Plug & Circuit Breaker (70mm x 70mm Box)	B
	1001091972	Ref	220V with CEE 7 Side Ground Receptacle & Plug & Circuit Breaker (70mm x 70mm Box)	B
	1001091973	Ref	220V with CEE 7 Post Ground Receptacle & Plug & Circuit Breaker (2x4 Box)	C
	1001091974	Ref	220V with CEE 7 Side Ground Receptacle & Plug & Circuit Breaker (2x4 Box)	C
	1001091975	Ref	220V with AFSINT 107 Keyed Ground Receptacle & Plug & Circuit Breaker (2x4 Box)	C
	1001092145	Ref	AC Cable With Breaker	D
			With Generator:	
	1001100326	Ref	110V with IEC Yellow Receptacle & Plug & Circuit Breaker	B
	1001092145	Ref	110V AC Cable With Breaker	D
	1001100327	Ref	220V with IEC Blue Receptacle & Plug & Circuit Breaker	B
	1001100328	Ref	220V with CEE 7 Post Ground Receptacle & Plug & Circuit Breaker (70mm x 70mm Box)	B
	1001100329	Ref	220V with CEE 7 Side Ground Receptacle & Plug & Circuit Breaker (70mm x 70mm Box)	B
	1001100331	Ref	220V with CEE 7 Post Ground Receptacle & Plug & Circuit Breaker (2x4 Box)	B
	1001100333	Ref	220V with CEE 7 Side Ground Receptacle & Plug & Circuit Breaker (2x4 Box)	B
	1001100337	Ref	220V with AFSINT 107 Keyed Ground Receptacle & Plug & Circuit Breaker (2x4 Box)	B
	1001109558	Ref	220V AC Cable With Breaker	A

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
704A	0860038	1	Box, Switch Options: 0256202, 0272259, 0272260 & 0274619 Installations 1001091969, 1001091970, 1001100326 & 1001100327 Installations 1001091971, 1001091972, 1001100328 & 1001100329 Installations (Note: Was p/n 0861782 which is no longer available. Use p/n 1001100344 CEE 7 Side Ground Service Kit or p/n 1001100343 CEE 7 Post Ground Service Kit. Kit include Box p/n 1001141967 & items 704B, 704C & 704G.) 1001091973, 1001091972, 1001091974, 1001091975, 1001100331, 1001100333 & 1001100337 Installations 1001100343, 1001100344, 1001141970 & 1001141971 Kits	
	0861781			
	See Note			
	0861731			
	1001141967			
704B	See Note	1	Receptacle Options: 0256202 Installation (Note: Not Available - Purchase Locally.) 0272259 & 0274619 Installations 0272260 Installation 1001091969 & 1001100326 Installations 1001091970 & 1001100327 Installations 1001091971 & 1001100328 Installations (was p/n 4461204) 1001091972 & 1001100329 Installations (was p/n 4461207) 1001100343 & 1001141971 Kits 1001100344 & 1001141970 Kits 1001091973 & 1001100331 Installations 1001091974 & 1001100333 Installations 1001091975 & 1001100337 Installations	
	4460346			
	4460125			
	4461198			
	4461201			
	Use 1001100343			
	Use 1001100344			
	1001141968			
	1001141969			
	4461244			
704C	4461245	1	Shield, Cover Options: 0256202 Installation (Note: Not Available - Purchase Locally.) 0272259 & 0274619 Installations 0272260 Installation 1001091969 & 1001100326 Installations 1001091970 & 1001100327 Installations 1001091971 & 1001100328 Installations (was p/n 4461204) 1001091972 & 1001100329 Installations (was p/n 4461207) 1001100343 & 1001141971 Kits 1001100344 & 1001141970 Kits 1001091973 & 1001100331 Installations 1001091974 & 1001100333 Installations 1001091975 & 1001100337 Installations	
	4461246			
	See Note			
	1001110873			
	4060092			
	4461198			
	4461201			
	Use 1001100343			
	Use 1001100344			
	1001141968			
	1001141969			
	4461244			
	4461245			
	4461246			

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
704D	4460051	1	Connector, Strain Relief Options: 0256202, 0272259 & 0272260 Installations	
	4460071		0274619 Installation	
	1001101191		1001091969, 1001091970, 1001091971, 1001101172, 1001091973, 1001091974, 1001091975, 1001100331, 1001100333 & 1001100337 Installations	
		1	Adapter, Strain Relief Connector Options: 1001091969, 1001091970, 1001091971, 1001091972, 1001100326, 1001100327, 1001100328 & 1001100329 Installations	
	1001101196		1001091973, 1001091974, 1001091975, 1001100331, 1001100333 & 1001100337 Installations	
	1001101197			
704E		1	Plug, Male Options: 0272259 & 0274619 Installations	
	4460205		0272260 Installation	
	4460233		0256202, 1001092145, 1001109558 Installations	
704F	4460709			
		1	Connector, Female Options: 0272259 & 0274619 Installations	
	4460134		0272260 Installation	
	4460701		0256202, 1001092145, 1001109558 Installations	
	4460710			
		1	Plug, Male Options: 0256202 Installation (Note: Not Available for Purchase.)	
704G	4460205		0272259 & 0274619 Installations	
	4460233		0272260 Installation	
	4461196		1001091969 Installation	
	4461199		1001091970 Installation	
	4461202		1001091971, 1001091973 Installations & 1001100343 & 1001141971 Kits	
	4461205		1001091972, 1001091974 Installations & 1001100344 & 1001141970 Kits	
	4461249		1001091975 Installation	
	Not Required		1001100326, 1001100327, 1001100328, 1001100329, 1001100331, 1001100333 & 1001100337 Installations	
704H	0903484	1	Bracket, Receptacle Box Mounting (Required Only on CE Spec Installations Except 0256202 Installation)	
704J	0903697	1	Bracket, Circuit Breaker Mounting (Required Only on CE Spec Installations Except 0256202 Installation)	
704K		AR	Kit, Box and Breaker (Includes Items Indented Below and Items 704L, 704M, 704N & 704P) (Required on All CE Spec Installations Except 0256202 Installation):	
	1001109654		Without Generator	A
	1001109654		With 110V Generator	A
	1001109648		With 220V Generator	A
		1	Circuit Breaker Options: Without Generator	
	See Note	Ref	(Note: For machines equipped with a single circuit breaker use both p/ns 1001109475 & 1001109482 as replacement.)	
	1001109475	1	Circuit Breaker, 16A	
	1001109482	1	Circuit Breaker, 30MA RCD	
			With 110V Generator	
	1001109475	1	Circuit Breaker, 16A	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
704K cont'd	1001109482	1	Circuit Breaker, 30MA RCD With 220V Generator	
	1001109477	1	Circuit Breaker, 10A	
	1001109482	1	Circuit Breaker, 30MA RCD	
	0861880	1	Breaker Box	
	4460956	1	Barrier, Terminal Block End	
	704L 4460957	1	Block, Terminal	
	704M 1060908	12ft/3.6m	Cable, 12/3 Extension	
	704N 1001097150	1	Connector, Strain Relief	
	704P 1001101191	1	Connector, Strain Relief	
	704Q	2	Cover, Connector 0256202 Installation Options:	
704R	1671092		USA Built Machines SN 0300167883 to SN 0300175278 & China Built Machines SN B300000725 to SN B300000809	
	1001156351		USA Built Machines SN 0300175278 to SN 030183033 & China Built Machines SN B300000809 to Present	
	1671093	1	Cover, Plug 0256202 Installation Options:	
			USA Built Machines SN 0300167883 to SN 0300175278 & China Built Machines SN B300000725 to SN B300000809	
	1001156352		USA Built Machines SN 0300175278 to SN 030183033 & China Built Machines SN B300000809 to Present	
			----- Kit, Plug & Socket Options:	
			Without Generator:	
	0275216		Receptacle Box Kit (110V IEC Yellow) (Includes Items 704A, 704B, 704C & 704G) (1001091969 Installation)	1
	0275217		Receptacle Box Kit (220V IEC Blue) (Includes Items 704A, 704B, 704C & 704G) (1001091970 Installation)	1
	Use 1001100343		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 704A, 704B, 704C & 704G) (1001091971 Installation) (was p/n 0275218)	B/B
	Use 1001100344		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 704A, 704B, 704C & 704G) (1001091972 Installation) (was p/n 0275219)	B/B
	0275452		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 704A, 704B, 704C & 704G) (1001091973 Installation)	1
	0275453		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 704A, 704B, 704C & 704G) (1001091974 Installation)	1
	0275454		Receptacle Box Kit (220V AFSINT 107 Keyed Ground) (Includes Items 704A, 704B, 704C & 704G) (1001091975 Installation)	1
			With Generator:	
	1001100341		Receptacle Box Kit (110V IEC Yellow) (Includes Items 704A, 704B, 704C & 704G) (1001100326 Installation)	2
	1001100342		Receptacle Box Kit (220V IEC Blue) (Includes Items 704A, 704B, 704C & 704G) (1001100327 Installation)	2
	1001100343		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 704A, 704B, 704C & 704G) (1001100328 Installation) (was p/n 1001101971 Kit)	B

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
704R cont'd	1001100344		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 704A, 704B, 704C & 704G (1001100329 Installation) (was p/n 1001101970 Kit)	B
	1001100345		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 704A, 704B, 704C & 704G) (1001100331 Installation)	2
	1001100347		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 704A, 704B, 704C & 704G) (1001100333 Installation)	3
	1001100346		Receptacle Box Kit (220V AFSINT 107 Keyed Ground) (Includes Items 704A, 704B, 704C & 704G) (1001100337 Installation)	2
705	Not Used			
706		AR Ref	2500W Generator Electrical Components Note: See SPECIAL OPTIONS SPECIAL for Machines with 4000W Generator.	
	1001112743		50Hz (Caterpillar & Deutz Engines)	B
	1001112588		60Hz (Caterpillar & Deutz Engines)	A
	4933350		60Hz (GM Engine)	B
706A	4922641	1	Harness - On/Off Switch	A
706B	4460226	2	Socket, Female	
706C		1	Harness, Powermite Control Box to Relay Options:	
	1001112589		Caterpillar & Deutz Engines	A
	4923445		GM Engine	A
706D	4460374	1	Connector, Seal Relay	
	4460705	4	Terminal	
706E	4460742	1	Connector, Male - 2 Position	
	4460743	2	Socket, Female	
	4460458	2	Seal	
706F	4460321	1	Connector, Male - 4 Position (60Hz Only)	
	4460906	4	Socket, Female (60Hz Only)	
706G	4460027	1	Receptacle, Twist Lock (110V Only)	
706H	7020193	1	Harness, Generator Power	
706J	4460961	1	Connector, Female - 4 Position	
	4460705	4	Pin, Male	
707	4921829	1	Generator to Rear of Boom Harness (110V)	
	4921955	1	Generator to Rear of Boom Harness (220V)	
		Ref	Note: Harness used to connect AC at platform harness to generator receptacle to power platform receptacle.	
	1060494	6ft/1.8m	Cable, Electrical - 12/3	
707A	4460205	1	Plug, Male (110V)	
	4460233	1	Plug, Male (220V)	
707B	4460134	1	Receptacle, Female (110V)	
	4460701	1	Receptacle, Female (220V)	
708	1001094509	1	Generator Hourmeter Harness	A

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
709		Ref	7500W SkyPower Generator Installation	
		Ref	Note: See SPECIAL OPTIONS SPECIAL for Machines with 4000W Generator.	
	1001115398	Ref	60Hz Spec& Caterpillar Engine	C
	1001115400	Ref	50Hz Spec & Caterpillar Engine	C
	1001115387	Ref	60Hz Spec& Deutz Engine	B
	1001115389	Ref	50Hz Spec & Deutz Engine	B
	0275257	Ref	60Hz Spec & GM Engine	F
		Ref	Note: SkyPower generator is standard on ANSI & CSA Specs. Optional on All Other Specs.	
709A		1	Receptacle, Female Twist-Lock Options:	
	4460958		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
709B		2	Gasket Options:	
	3960422		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
709C		1	Cover, Receptacle Options:	
	4060700		60Hz Spec (Side Hinged)	
	1001110873		60Hz Spec (Top Hinged)	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
709D		1	Cover, Receptacle Options:	
	Use 1001110872		60Hz Spec (was p/n 4061043)	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
709E		1	Receptacle Options:	
	4460346		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
709F	4460051	1	Connector, Strain Relief	
709G	4460071	1	Connector, Strain Relief	
709H	4922925	1	Harness, Generator	C
709J	4460225	1	Plug, Male - 6 Position	
	4460226	6	Socket, Female	
709K	See Note	1	Plug, Male - 6 Position (Note: Not Available for Purchase.)	
	4460942	6	Socket, Female	
710		Ref	7500W SkyPower Generator Junction Box Components	
	0861542	Ref	60Hz Spec	C
	0861567	Ref	50Hz Specs	B
710A		2ft/.6m	Cable, Electrical 12/3	
	1060494		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
710B		2.5ft/.76m	Cable, Electrical 10/3	
	1060708		60Hz Spec	
	See Note		50Hz Spec (Note: Not Available - Purchase Locally.)	
710C	1060343	1.5ft/.46m	Cable, Electrical 10/4 (60Hz Spec Only)	
710D	4460425	2	Connector, Strain Relief	
710E		AR	Component Options:	
	4460426	2	Connector, Strain Relief (60Hz Spec Only)	
	4460426	1	Connector, Strain Relief (50Hz Spec Only)	
	3520189	1	Plug (50Hz Spec Only)	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
710F	1671092	1	Cover (60Hz Spec Only)	C 1/A
	4460963	1	Connector (60Hz Spec Only)	
711		Ref	7500W Generator Electrical Diagram Components	
	1001112586	Ref	Caterpillar & Deutz Engine Machines	
	4933349		GM Engine Machines	A 1/A
711A		1	Generator Harness Options:	
	1001112587		Caterpillar & Deutz Engine Machines	
	4923420		GM Engine Machines	
711B	4460374	2	Plug, Sealed Relay	A
	4460375	AR	Terminal	
711C	4460967	1	Plug, Male - 3 Position	
	4460465	3	Socket, Female	
711D	2400060	1	Fuseholder	A
	2400064	1	Fuse - 5 Amp	
711E	4460742	1	Connector, Male - 2 Position	
	4460743	2	Socket, Female	
	4460458	2	Seal	A
711F	4922641	1	Switch Harness	
711G	4460226	2	Socket, Female	
712	See Note	1	Lights Harness (Note: Not Available for Purchase.)	
	1060341	48ft/14.6m	Cable, Electrical - 16/2	
712A	3740049	1	Relay	
712B	4922643	1	Harness, Bagged (Located at Ground Control Box) (Not Shown)	
712C	4460426	1	Connector, Strain Relief	
713		Ref	Platform Worklights Components	
713A		2	Platform Worklights Harness (External) Options (Includes Light and Wire Only):	
	2920140		Non-UL Spec Machines	
	2920095		UL Machines	
713B	1001098234	AR	Connector, Female - 3 Position	
713C	1001098349	1	Connector, Male - 3 Position (Platform Worklights Only)	
713D		1	Connector, Strain Relief Options:	
	4460426		Non-UL Spec Machines	
	4460598		UL Machines	
713E	2400070	1	Fuse - 20 Amp	
713F		1	Platform Worklights Main Boom Harness Options:	
	4922215		800A	
	4922216		800AJ	
	1060708		Cable, Electrical - 10/3 Options:	
		67ft/20.4m	800A	
		64ft/19.5m	800AJ	
713G	4922217	1	Platform Worklights Tower Boom Harness	
	1060708	39ft/11.9m	Cable, Electrical - 10/3	
714	See Note	1	Soft-Touch System Harness (Note: Not Available for Purchase.)	
714A	1060341	23ft/7.1m	Cable, Electrical - 16/2	
714B		1	Connector, Strain Relief Options:	
	4460425		6ft Platforms	
	4460049		8ft Platforms	
714C	4460226	2	Socket, Female	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
715	1001149818	1	Strobe Light Harness (USA Built Machines SN 0300171629 to SN 030183033 & China Built Machines SN B300000767 to Present)	A
715A	4460320	1	Connector, Female - 2 Position	1/A
	4460267	2	Pin, Male	
715B	4460897	1	Connector, Female - 2 Position	
	4460464	2	Pin, Male	
		Ref	TOOLS	
801	7002821	1	Crimper (For Wire to Pin/Socket Connections) (Not Shown)	
802	7002823	1	Extractor (For Removal of Pin/Socket from Connectors) (Not Shown)	
803	4460467	1	Extractor, Pin (Blue 16-18 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	
	4460510	1	Extractor, Pin (Yellow 12-14 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	
804	7002828	1	Stripper, Wire (Not Shown)	
805	1600244	1	Analyzer	
805A	1060633	1	Cable, Analyzer	
805B	4460321	2	Plug, Male	
	4460226	8	Socket, Female	

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FIGURE 7-2. HARNESS COMPONENTS INSTALLATION (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.

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FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)

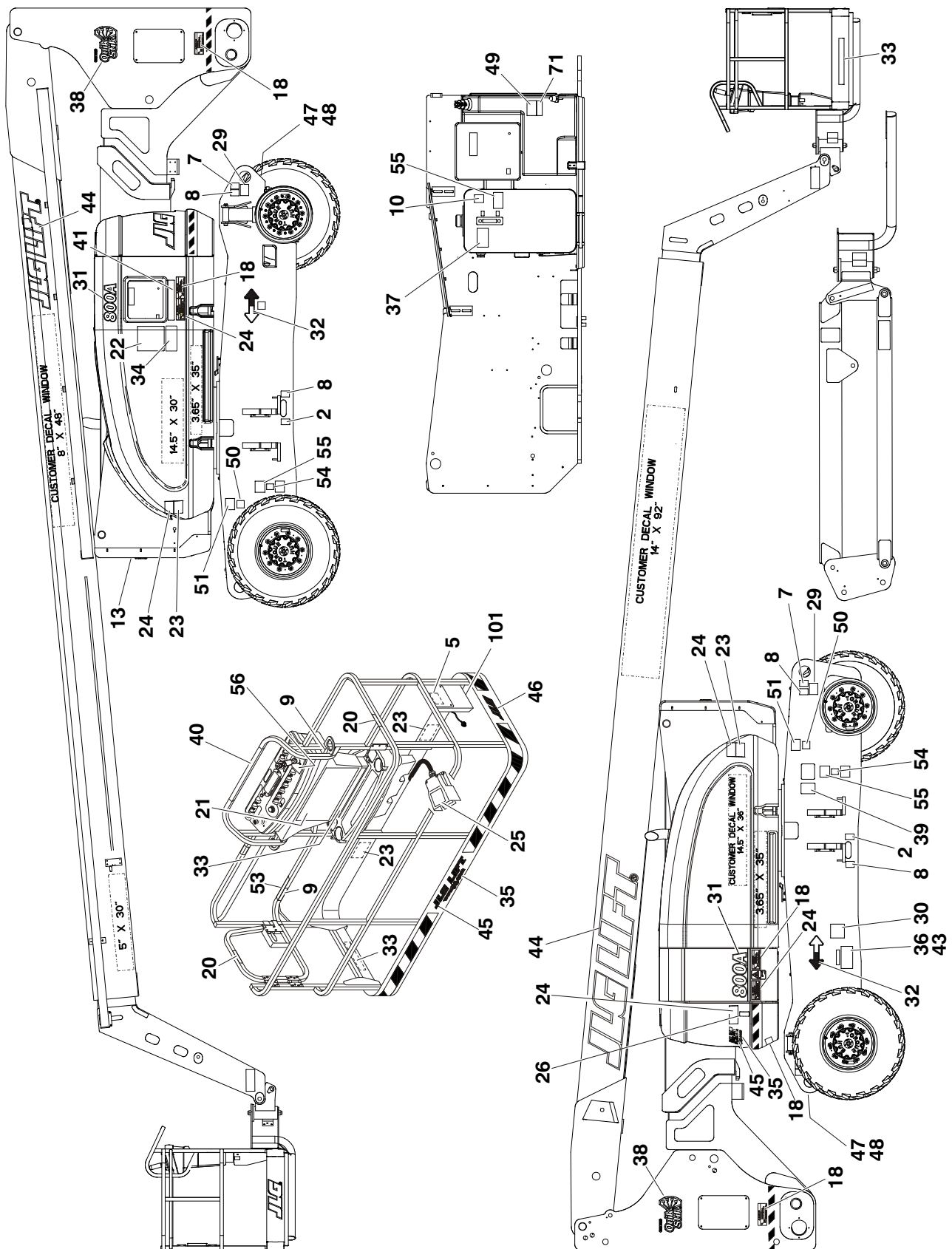


FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	DECALS INSTALLATIONS	
	0274519	Ref	Decals Installation - JLG Logo	B
	0274460	Ref	Decals Installation - 800A	B
	0274461	Ref	Decals Installation - 800AJ	B
1	Not Used			
2	1701499	2	Decal - No Tie Down/Lift	
3 to 4	Not Used			
5	1701509	1	Decal - Manual	
6	Not Used			
7	1703811	4	Decal - Tie Down/Lift	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Attach Lanyard Here	
10	1704412	1	Decal - Hydraulic Oil Chart	
11 to 12	Not Used			
13	3251243	1	Nameplate - 120V-60HZ	
14 to 17	Not Used			
18	1703953	5	Decal - Warning Crushing	
19	Not Used			
20	1702868	2	Decal - No Hands	
21	1703797	1	Decal - Warning/Danger	
22	1705336	1	Decal - Warning Inspection (MTB)	
23	1703804	4	Decal - Warning Crushing	
24	1703805	5	Decal - Danger Electrocution	
25	3252347	1	Decal - Footswitch	
26	3251813	1	Decal - USA	
27 to 28	Not Used			
29	2902353	1	Kit, Decal Max Tire Load (Includes Qty 4 of p/n 1703960)	2
	1703960	4	Decal - Max Tire Load	
30	See Note	1	Decal - Bar Code Options (Note: Not Available for Purchase.: USA Built Machines SN 0300140000 to SN 0300144335 & China Built Machines SN B300000100 to SN B300000215 USA Built Machines SN 0300179246 to SN 030183033 & China Built Machines SN B300000855 to Present	
31		2	Decal Options: Decal - 800A Decal - 800AJ	
	1703772			
	1703773			
32	1701501	4	Decal - Arrow	
33		2	Decal Capacity Options: 800A - Decal - 500LBS Unrestricted Capacity USA Built Machines SN 0300140000 to SN 0300142650 USA Built Machines SN 0300142650 to SN 030183033 & China Built Machines SN B300000100 to Present 800AJ - Decal - 500LBS Maximum Capacity USA Built Machines SN 0300140000 to SN 0300142650 USA Built Machines SN 0300142650 to SN 030183033 & China Built Machines SN B300000100 to Present	
	1704096			
	1001121800			
	1701645			
	1001121801			

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FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
34		1	Decal Capacity Options:	
	1707014		800A - Decal - 500LBS Unrestricted Capacity	
	1001121813		USA Built Machines SN 0300140000 to SN 0300142650	
			USA Built Machines SN 0300142650 to SN 030183033 &	
			China Built Machines SN B300000100 to Present	
	1707013		800AJ - Decal - 500LBS Maximum Capacity	
	1001121814		USA Built Machines SN 0300140000 to SN 0300142650	
			USA Built Machines SN 0300142650 to SN 030183033 &	
			China Built Machines SN B300000100 to Present	
35	1704885	AR	Decal - Website	
36	See Note	1	Nameplate, Manufactures (Note: Not Available for Purchase.)	
37	1001096141	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quik Stik	
39		1	Decal - Patent Options:	
	1700584		USA Built Machines SN 0300140000 to SN 0300151569 &	
			China Built Machines SN B300000100 to SN B300000357	
	1001131269		USA Built Machines SN 0300151569 to SN 030183033 &	
			China Built Machines SN B300000357 to Present	
40	1001108495	1	Decal - Legend	
41	1001095809	1	Decal - Legend (MTB)	
42	Not Used			
43	3820001	4	Rivet	
44	1702861	2	Decal - JLG Lift (8in Height)	
45	1702774	1	Decal - JLG Lift (3-1/2in Height)	
46	1702773	1	Decal - JLG (5in Height)	
47	3250872	1	Nameplate - Steer/Tow Selector	
48	1705090	1	Decal - Towing Instructions	
49		1	Decal - Fuel	
	1701505		Diesel	
	1701542		Gas	
50	1701543	2	Decal - LP Gas (GM Engine Machines Only)	
51	1700818	2	Decal - LP Gas (Liquid) (GM Engine Machines Only)	
52	Not Used			
53	1703175	1	Decal - Lanyard Attach (GM Spec Only)	
54		1	Decal - Warning (Proposition 65) (California Spec Only)	
	1702962		Diesel	
	1702961		Gas	
55	1702788	1	Decal - Bio Hydraulic Fluid	
56	1705351	1	Decal - Drive Orientation	
57 to 70	Not Used			
71	1001108923	1	Decal - Low Sulfur Fuel (Caterpillar & Deutz Engine Machines)	

	2902303	1	Master Decal Kit (Includes Items 2, 5-13)	6
	2902307	1	ANSI Decal Kit (Includes Items 18-24)	6

SECTION 8 DECALS

FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
101	0258671	Ref	MANUAL STORAGE BOX INSTALLATION	C
	0860520	1	Box, Manual Storage	
	1060279	1	Cable, Lanyard (USA Built Machines SN 0300140000 to SN 0300179246 & China Built Machines SN B300000100 to SN B300000855)	
	0641408	1	Bolt 1/4in-20NC x 1in (USA Built Machines SN 0300140000 to SN 0300179246 & China Built Machines SN B300000100 to SN B300000855)	
	0641406	4	Bolt 1/4in-20NC x 3/4in	
	4751400	AR	Flatwasher 1/4in	
	3311405	AR	Locknut 1/4in-20NC	

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FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC)

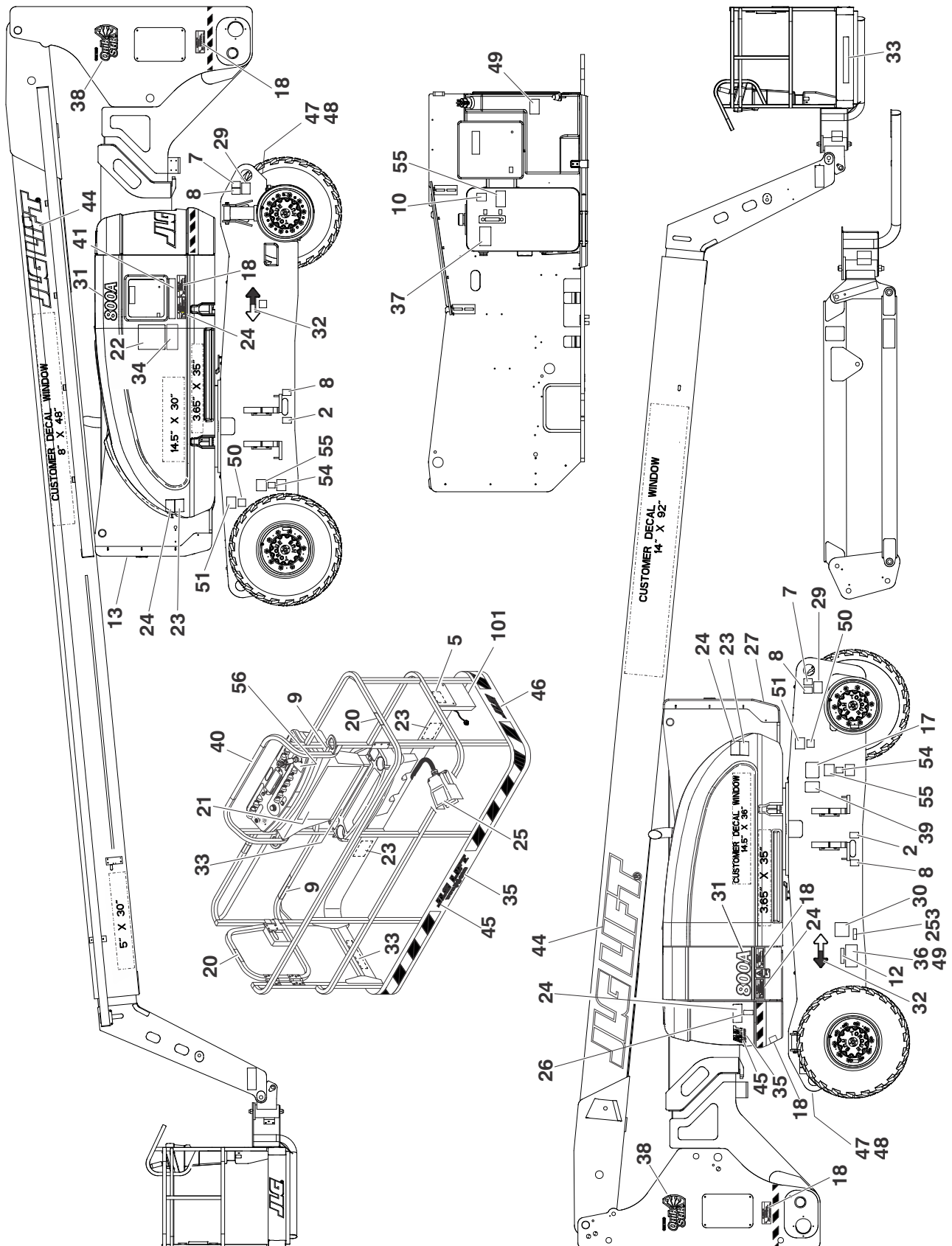


FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	DECAL INSTALLATIONS	
	0274519	Ref	JLG Logo	B
	0274470	Ref	800A Dual Language English/Chinese Decals	B
	0274472	Ref	800A Dual Language English/French Decals	B
	0274466	Ref	800A Dual Language English/Spanish Decals	B
	0274468	Ref	800A Dual Language English/Portuguese Decals	B
	0274462	Ref	800A Dual Language English/Japanese Decals	B
	0274464	Ref	800A Dual Language English/Korean Decals	B
	0274471	Ref	800AJ Dual Language Chinese/English Decals	B
	0274473	Ref	800AJ Dual Language English/French Decals	B
	0274467	Ref	800AJ Dual Language English/Spanish Decals	B
	0274469	Ref	800AJ Dual Language English/Portuguese Decals	B
	0274463	Ref	800AJ Dual Language English/Japanese Decals	B
	0274465	Ref	800AJ Dual Language English/Korean Decals	B
1	Not Used			
2	1701499	2	Decal - No Tie Down/Lift	
3 to 4	Not Used			
5	1701509	1	Decal - Manual	
6	Not Used			
7	1703811	4	Decal - Tie Down/Lift	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Attach Lanyard Here	
10	1704412	1	Decal - Hydraulic Oil Chart	
11	Not Used			
12	1705514	1	Decal - CSA (CSA Machines Only)	
13		1	Nameplate - 110V/220V Options:	
	Not Required		110V - Dual Language English/Chinese Decals	
	3251243		110V - Dual Language English/French Decals	
	3251243		110V - Dual Language English/Spanish Decals	
	3251243		110V - Dual Language English/Portuguese Decals	
	Not Required		110V - Dual Language English/Japanese Decals	
	Not Required		110V - Dual Language English/Korean Decals	
	3252507		220V - All Specs	
14 to 16	Not Used			
17		1	Decal - Inspection Options:	
	Not Required		Dual Language English/Chinese Decals	
	1704006		Dual Language English/French Decals (USA Built Machines SN 0300140000 to SN 0300151569 & China Built Machines SN B300000100 to SN B300000357)	
	1704007		Dual Language English/Spanish Decals (USA Built Machines SN 0300140000 to SN 0300151569 & China Built Machines SN B300000100 to SN B300000357)	
	1705901		Dual Language English/Portuguese Decals (USA Built Machines SN 0300140000 to SN 0300151569 & China Built Machines SN B300000100 to SN B300000357)	
	Not Required		Dual Language English/Japanese Decals	
	Not Required		Dual Language English/Korean Decals	

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FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
18	1703943 1703942 1703941 1705903 1703944 1703945	3	Decal - Warning/Crushing Options: Dual Language English/Chinese Decals Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	
19	Not Used			
20	1705968 1001116846 1704000 1704001 1705967 Not Required 1705969	2	Decal - No Hands Options: Dual Language English/Chinese Decals Simplified Traditional Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	
21	1703925 1703924 1703923 1705895 1703926 1703927	1	Decal - Danger/Warning Options: Dual Language English/Chinese Decals Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	
22	1705348 1001116849 1705347 1705917 1705896 1705344 1705345	1	Decal - Warning Inspection Options: Dual Language English/Chinese Decals Simplified Traditional Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	
23	1703949 1703948 1703947 1705898 1703950 1703951	6	Decal - Crushing Options: Dual Language English/Chinese Decals Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	
24	1703937 1001116851 1703936 1703935 1705897 1703938 1703939	4	Decal - Danger/Electrocution Options: Dual Language English/Chinese Decals Simplified Traditional Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	

SECTION 8 DECALS

FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
25	1703982 1703984 1703983 1705902 1703980 1703981	1	Decal - Footswitch Options: Dual Language English/Chinese Decals Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	
26	3251813 3251813 3251813 3251813 3251813 Not Required	1	Decal - USA Options: Dual Language English/Chinese Decals Dual Language English/French Decals Dual Language English/Spanish Decals Dual Language English/Portuguese Decals Dual Language English/Japanese Decals Dual Language English/Korean Decals	
27 to 28	Not Used			
29	2902353	1	Kit, Decal Max Tire Load (Includes Qty 4 of p/n 1703960)	2
	1703960	4	Decal - Max Tire Load	
30	See Note	1	Decal - Bar Code Options (Note: Not Available for Purchase.): USA Built Machines SN 0300140000 to SN 0300144335 & China Built Machines SN B300000100 to SN B300000215 USA Built Machines SN 0300179246 to SN 030183033 & China Built Machines SN B300000855 to Present	
31	1703772 1703773	2	Decal Options: Decal - 800A Decal - 800AJ	
32	1701501	4	Decal- Arrow	
33	1704101 1707060 1704099 1707055 1704098 1707056 1706380 1707057 1704102 1707059 1704103 1707058 1001121809 1001121810 1001121802 1001121803 1001121804 1001121805 1001121806	2	Decal - 500LBS Max Capacity Options: USA Built Machines SN 0300140000 to SN 0300142650 800A Dual Language English/Chinese Decals 800AJ Dual Language English/Chinese Decals 800A Dual Language English/French Decals 800AJ Dual Language English/French Decals 800A Dual Language English/Spanish Decals 800AJ Dual Language English/Spanish Decals 800A Dual Language English/Portuguese Decals 800AJ Dual Language English/Portuguese Decals 800A Dual Language English/Japanese Decals 800AJ Dual Language English/Japanese Decals 800A Dual Language English/Korean Decals 800AJ Dual Language English/Korean Decals USA Built Machines SN 0300142650 to SN 030183033 & China Built Machines SN B300000100 to Present 800A Dual Language English/Chinese Decals 800AJ Dual Language English/Chinese Decals 800A Dual Language English/French Decals 800AJ Dual Language English/French Decals 800A Dual Language English/Spanish Decals 800AJ Dual Language English/Spanish Decals 800A Dual Language English/Portuguese Decals	

SECTION 8 DECALS

FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
33 Cont'd	1001121656		800AJ Dual Language English/Portuguese Decals	
	1001121807		800A Dual Language English/Japanese Decals	
	1001121808		800AJ Dual Language English/Japanese Decals	
	1001122200		800A Dual Language English/Korean Decals	
	1001121918		800AJ Dual Language English/Korean Decals	
34		1	Decal - 500LBS Max Capacity Options: USA Built Machines SN 0300140000 to SN 0300142650	
	1707045		800A Dual Language English/Chinese Decals	
	1707044		800AJ Dual Language English/Chinese Decals	
	1707046		800A Dual Language English/French Decals	
	1707047		800AJ Dual Language English/French Decals	
	1707048		800A Dual Language English/Spanish Decals	
	1707049		800AJ Dual Language English/Spanish Decals	
	1707051		800A Dual Language English/Portuguese Decals	
	1707052		800AJ Dual Language English/Portuguese Decals	
	1707053		800A Dual Language English/Japanese Decals	
	1707054		800AJ Dual Language English/Japanese Decals	
	1707043		800A Dual Language English/Korean Decals	
	1707042		800AJ Dual Language English/Korean Decals	
			USA Built Machines SN 0300142650 to SN 030183033 & China Built Machines SN B300000100 to Present	
	1001121822		800A Dual Language English/Chinese Decals	
	1001121823		800AJ Dual Language English/Chinese Decals	
	1001121815		800A Dual Language English/French Decals	
	1001121816		800AJ Dual Language English/French Decals	
	1001121817		800A Dual Language English/Spanish Decals	
	1001121818		800AJ Dual Language English/Spanish Decals	
	1001121819		800A Dual Language English/Portuguese Decals	
	1001121655		800AJ Dual Language English/Portuguese Decals	
	1001121820		800A Dual Language English/Japanese Decals	
	1001121821		800AJ Dual Language English/Japanese Decals	
	1001122201		800A Dual Language English/Korean Decals	
	1001121921		800AJ Dual Language English/Korean Decals	
35	1704885	AR	Decal - Website	
36	See Note	1	Nameplate, Manufactures (Note: Not Available for Purchase.)	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quik Stik	
39		1	Decal - Patent Options:	
	1700584		All Specs (USA Built Machines SN 0300140000 to SN 0300151569 & China Built Machines SN B300000100 to SN B300000357)	
	1001131269		CSA Spec (USA Built Machines SN 0300151569 to SN 030183033 & China Built Machines SN B300000357 to Present)	
40	1001108495	1	Decal - Legend	
41	1001095809	1	Decal - Legend (MTB)	
42	Not Used			
43	3820001	4	Rivet	
44	1702861	2	Decal - JLG Lift (8in Height)	
45	1702774	1	Decal - JLG Lift (3-1/2in Height)	

SECTION 8 DECALS

FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
46	1702773	1	Decal - JLG (5in Height)	
47	3250872	1	Nameplate - Steer/Tow Selector	
48	1705090	1	Decal - Towing Instructions	
49		1	Decal - Fuel	
	1701505		Diesel	
	1701542		Gas	
50	1701543	2	Decal - LP Gas (GM Engine Machines Only)	
51		2	Decal - LP Gas (Liquid) (GM Engine Machines Only) Options:	
	1700818		ANSI Spec	
	1702720		ANSI Export	
	1704271		CSA Spec	
52 to 54	Not Used			
55	1702788	1	Decal - Bio Hydraulic Fluid	
56		1	Decal - Drive Orientation Options:	
	1705430		Dual Language English/Chinese Decals	
	1705429		Dual Language English/French Decals	
	1705910		Dual Language English/Spanish Decals	
	1705905		Dual Language English/Portuguese Decals	
	1705426		Dual Language English/Japanese Decals	
	1705427		Dual Language English/Korean Decals	

	2902303	1	Master Decal Kit (Includes Items 2, 5-13)	6
		1	ANSI Decal Kit (Includes Items 17-24)	
	2902309		Dual Language English/Chinese Decals	8
	2902322		Dual Language English/French Decals	8
	2902311		Dual Language English/Spanish Decals	8
	2902312		Dual Language English/Portuguese Decals	8
	2902308		Dual Language English/Japanese Decals	8
	2902310		Dual Language English/Korean Decals	4
	0258671	Ref	MANUAL STORAGE BOX INSTALLATION	C
101	0860520	1	Box, Manual Storage	
	1060279	1	Cable, Lanyard (USA Built Machines SN 0300140000 to SN 0300179246 & China Built Machines SN B300000100 to SN B300000855)	
	0641408	1	Bolt 1/4in-20NC x 1in (USA Built Machines SN 0300140000 to SN 0300179246 & China Built Machines SN B300000100 to SN B300000855)	
	0641406	4	Bolt 1/4in-20NC x 3/4in	
	4751400	AR	Flatwasher 1/4in	
	3311405	AR	Locknut 1/4in-20NC	
	0010580	Ref	ADDITIONAL DECAL COMPONENTS	
210-252	Not Used			
253	1001143852	1	Decal - Emission Compliance (SN 0300181347 to SN 030183033)	

SECTION 8 DECALS

FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN & CE SPEC)

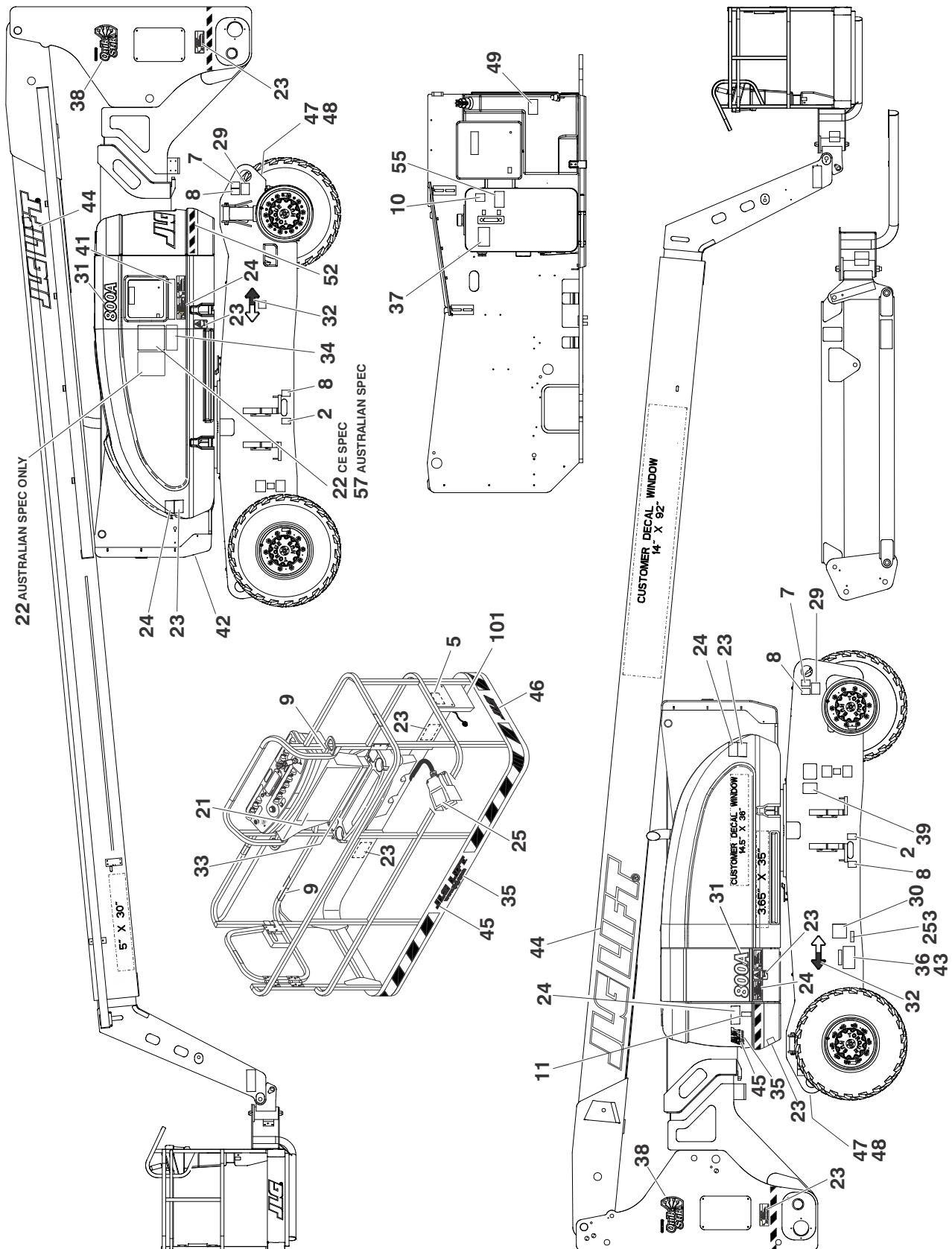


FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN & CE SPEC)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	STANDARD DECAL INSTALLATIONS	
	0274519	Ref	JLG Logo	B
	1001114373	Ref	Australian Spec 800A	B
	1001114374	Ref	Australian Spec 800AJ	B
	0274474	Ref	CE Spec 800A	B
	0274475	Ref	CE Spec 800AJ	B
1	Not Used			
2	1701499	2	Decal - No Tie Down/Lift	
3 to 4	Not Used			
5	1701509	1	Decal - Manual	
6	Not Used			
7	1703811	4	Decal - Tie Down/Lift	
8	1703814	6	Decal - Tie Down	
9	1704277	3	Decal - Attach Lanyard Here	
10	1704412	1	Decal - Hydraulic Oil Chart	
11		1	Decal - Sound Power Level Options:	
	1705084		USA Built Machines SN 0300140000 to SN 0300179246 & China Built Machines SN B300000100 to SN B300000855	
	1705980		USA Built Machines SN 0300179246 to SN 030183033 & China Built Machines SN B300000855 to Present	
12 to 20	Not Used			
21	1705921	1	Decal - Tipping/Electrical (PLF)	
22	1705822	1	Decal - Electrical/Safety Manual	
23	1701518	10	Decal - Warning Crushing	
24	1705961	5	Decal - Danger Electrocutation	
25	1705828	1	Decal - Footswitch	
26 to 28	Not Used			
29	2902353	1	Kit, Decal Max Tire Load (Includes Qty 4 of p/n 1703960)	2
	1703960	4	Decal - Max Tire Load	
30	See Note	1	Decal - Bar Code Options (Note: Not Available for Purchase.):	
			USA Built Machines SN 0300140000 to SN 0300144335 & China Built Machines SN B300000100 to SN B300000215	
			USA Built Machines SN 0300179246 to SN 030183033 & China Built Machines SN B300000855 to Present	
31		2	Decal Options:	
	1703772		Decal - 800A	
	1703773		Decal - 800AJ	
32	1701501	4	Decal - Arrow	
33	1705978	2	Decal Capacity	
34	1705978	1	Decal Capacity	
35	1704885	AR	Decal - Website	
36	See Note	1	Nameplate, Manufactures (Note: Not Available for Purchase.)	
37	1705977	1	Decal - Upright Level Override	
38	1703959	2	Decal - Quik Stik	
39	1700584	1	Decal - Patent (USA Built Machines SN 0300140000 to SN 0300151569 & China Built Machines SN B300000100 to SN B300000357)	
40 to 41	Not Used			

SECTION 8 DECALS

FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN & CE SPEC) (CONTINUED)

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
42	3251242	1	Nameplate 240V-50Hz	
43	3820001	2	Rivet	
44	1702861	2	Decal - JLG Lift (8in Height)	
45	1702774	1	Decal - JLG Lift (3-1/2in Height)	
46	1702773	1	Decal - JLG (5in Height)	
47	3250872	1	Nameplate - Steer/Tow Selector	
48	1705090	1	Decal - Towing Instructions	
49	1701505	1	Decal - Fuel	
50 to 51	Not Used			
52	4420051	1	Decal - Safety Striping	
53 to 54	Not Used			
55		1	Decal - Bio Hydraulic Fluid Options: CE/Australian Spec German Spec	
56	Not Used			
57		AR	Decal - Emergency Controls Options: Australian Spec CE Spec -----	
	1001112551			
	Not Required			
	2902303	1	Master Decal Kit (Includes Items 2, 5-13)	6
	2902329	1	ANSI Decal Kit (Includes Items 21-25)	5
	0258671	Ref	MANUAL STORAGE BOX INSTALLATION	C
101	0860520	1	Box, Manual Storage	
	1060279	1	Cable, Lanyard (USA Built Machines SN 0300140000 to SN 0300179246 & China Built Machines SN B300000100 to SN B300000855)	
	0641408	1	Bolt 1/4in-20NC x 1in (USA Built Machines SN 0300140000 to SN 0300179246 & China Built Machines SN B300000100 to SN B300000855)	
	0641406	4	Bolt 1/4in-20NC x 3/4in	
	4751400	AR	Flatwasher 1/4in	
	3311405	AR	Locknut 1/4in-20NC	
	0010580	Ref	ADDITIONAL DECAL COMPONENTS	
210-252	Not Used			
253	1001143852	1	Decal - Emission Compliance (SN 0300181347 to SN 030183033)	

SECTION 9 RECOMMENDED SERVICE PARTS STOCK

MODEL 800A/800AJ

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.

Part Number	Description	Qty./Machine
STANDARD PARTS		Ref
2120168	Element, Filter (Figure 2-1)	4
2120210	Element Filter (Figure 2-1)	4
7012944	Coil (Figures 2-1 & 2-2)	1
7018991	Coil (Figure 2-2)	1
7012772	Coil (Figures 2-2 & 2-3)	1
7000645	Coil (Figure 2-2)	1
70000582	Coil (Figure 2-2)	1
7012664	Element, Air Cleaner (Figures 2-7, 2-8 & 2-9)	1 Dozen
3740067	Relay (Figures 2-7, 2-8 & 2-9)	1
3740080	Relay (Figure 2-8)	1
7024444	Breather, Hydraulic Tank (Figure 2-11)	1
4360475	Switch, Mushroom (Figures 2-14 & 4-3)	1
4360469	Switch, Key (ANSI & Australian SPec) (Figure 2-14)	1
4360470	Switch, Key (CE Spec) (Figure 2-14)	1
2860030	Key, Replacement (Figure 2-14)	1
4360476	Contact, Switch Block (Figures 2-14 & 4-3)	1
4360328	Switch, Toggle (Figures 2-14 & 4-3)	1
3740049	Relay (Figures 2-14 & 7-2)	1
2940074	Latch (Figure 4-1)	1
4360387	Switch, Push Button (Figure 4-3)	1
1001129555	Controller (Lift and Swing) (Figure 4-3)	1
1001118416	Controller (Drive and Steer) (Figure 4-3)	1
4360330	Switch, Toggle (Figure 4-3)	1
4360407	Controller, Speed (Figure 4-3)	1
2400065	Fuse - 30 Amp (Figure 7-2)	2
3990010	Diode (Figure 7-2)	2
VARIABLE PARTS		Ref
7026811	Filter, Oil (Caterpillar Engine Machines) (Figure 2-7)	1 Dozen
7026830	Filter, Fuel (Caterpillar Engine Machines) (Figure 2-7)	1 Dozen
1001112067	Module, Engine Control (Caterpillar Engine Machines) (Figure 2-7)	1
7016331	Filter, Oil (Deutz Engine Machines) (Figure 2-8)	1 Dozen
7016328	Filter, Fuel (Deutz Engine Machines) (Figure 2-8)	1 Dozen
7027795	Module, Engine Control (Deutz Engine Machines) (Figure 2-8)	1
7027965	Filter, Oil (GM Engine Machines) (Figure 2-9)	1 Dozen
7027972	Filter, Fuel (GM Engine Machines) (Figure 2-9)	1 Dozen
70002895	Module, Engine Control (GM Engine Machines) (Figure 2-9)	1
4360336	Switch, Toggle (Machines with Dual Fuel Option) (Figures 2-9 & 4-3)	1
4360517	Switch, Proximity (Figures 2-13 & 7-2)	1
1001103667	Module, Ground Control (Caterpillar, Deutz & GM Engines) (Figure 2-14)	1
4360522	Switch, Toggle (Machines with Lights Option) (Figures 2-15 & 4-3)	1

SECTION 9 RECOMMENDED SERVICE PARTS STOCK

MODEL 800A/800AJ

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.

Part Number	Description	Qty./Machine
3740080	Relay (Machines with Generator Option) (Figures 2-19, 2-20, 2-21, 2-22 & 2-23)	1
4360336	Switch, Toggle (Machines with Generator Option) (Figures 2-19, 2-20, 2-21, 2-22 & 2-23)	1
4360070	Breaker, Circuit (Machines with SkyPower) (Figures 2-22 & 2-23)	1
2400064	Fuse - 5 Amp (Machines with SkyPower) (Figures 2-22, 2-23 & 7-2)	2
70002013	Powertrack Repair Section (Gortrac Brand) (Figure 3-4)	1
7016522	Powertrack Repair Section (Gemco Brand) (Figure 3-4)	2
7006137	Powertrack Pin Kit (Gemco Brand) (Figure 3-4)	24
4360578	Switch, Limit (Figure 3-6)	1
4360498	Switch, Proximity (Figure 3-6)	1
4360499	Switch, Proximity (Figure 3-6)	1
1001094400	Sensor, Dual Axle (Figure 3-6)	1
4360328	Switch, Toggle (Machines with Jig) (Figure 4-3)	1
4360387	Switch, Push Button (Machines with Soft Touch Option) (Figure 4-3)	1
1001106355	Controller, Module Platform (Figure 4-3)	1
4360331	Switch, Toggle (Machines with 4WD or 4WS Options) (Figure 4-3)	1
4360057	Switch, Limit (Machines with Soft Touch Option) (Figure 4-6)	1
2400070	Fuse (Machines with Platform Worklights) (Figure 7-2)	2

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	MISCELLANEOUS SPECIAL OPTIONS	
	1340061	Ref	Air Cleaner Pre-Cleaner	
		Ref	Airline to Platform Installation Options:	
	0258802	Ref	1/2in 800A	
	0258805	Ref	1/2in 800AJ	
	1001093746	Ref	1/2in 800A (With Arctic Package)	
	1001092092	Ref	1/2in 800AJ (With Arctic Package)	
		Ref	Bellows Installation Options:	
	0258734	Ref	Boom 800A	
	0258737	Ref	Boom 800AJ	
	0258757	Ref	Chassis (Fixed Axle 2WS)	
	0258759	Ref	Chassis (Fixed Axle 4WS)	
	0258387	Ref	Chassis (Oscillating Axle 2WS)	
	0258758	Ref	Chassis (Oscillating Axle 4WS)	
	1001116474	Ref	Boom Cable Installation with Communication System (800AJ ANSI Spec Only)	
	0258654	Ref	Boom Wipers Installation	
	0256789	Ref	Camera Mount Assembly	
		Ref	ClearSky (Telematic) Installation (Factory Installed)	
		Ref	Note: Refer to Manual Supplement p/n 3128499 for available replacement parts.	
		Ref	ABS Hoods	
	1001112990	Ref	ANSI Spec	
	1001112991	Ref	ANSI Export & Japanese Specs	
	1001112992	Ref	CSA Spec	
		Ref	Steel Hoods	
	1001118963	Ref	ANSI Spec	
	1001134103	Ref	Australian Spec	
	1001127087	Ref	Brazil & New Zealand Specs Only	
	1001118964	Ref	CSA Spec	
		Ref	ClearSky (Telematic) Kit (Dealer Installed)	
	1001119939	Ref	ANSI Spec	
	1001139151	Ref	Australian Spec	
	1001119947	Ref	CSA Spec	
		Ref	Cold Weather Package Installation Options:	
	0273575	Ref	Caterpillar Engine	
	0271912	Ref	Deutz with Glow Plugs	
	0275262	Ref	GM	

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.
	0274883	Ref	Cold Weather Transformer Installation (ANSI Export Only)	
		Ref	Note: Cold Weather Transformer Installation used on Deutz Engines with Cold Weather Package.	
	1001109263	Ref	Communication System (David Clark) Installation (800AJ ANSI Spec Only)	
	1001093389	Ref	Cover, Fan	
	1001115918	Ref	Cribbing Installation	
		Ref	Decal Installations Options:	
	1702788	Ref	Decal - Biodegradable Hydraulic Fluid (All except German Spec)	
	1001154504	Ref	Decals - Boels Rental	
	1703479	Ref	Decal - Biodegradable Hydraulic Fluid (German Spec Only)	
	1001116565	Ref	Decal - ClearSky (ANSI Spec) (ABS Hoods)	
	1001116566	Ref	Decal - ClearSky (CSA Spec) (ABS Hoods)	
	1001127094	Ref	Decal - ClearSky (ANSI, ANSI Export, CSA & Australian Spec) (Steel Hoods)	
	3252221	Ref	Decal - CSA (CSA Spec)	
	1703175	Ref	Decal - Lanyard Attach (GM K-1 Spec)	
	1702962	Ref	Decal - Prop 65 Warning (Diesel Machines) (California Spec)	
	1702961	Ref	Decal - Prop 65 Warning (Gasoline Machines) (California Spec)	
	0257195	Ref	Decals - Government Warranty	
	0274528	Ref	Decals - Head & Engquist Equipment L.L.C. (H&E)	
		Ref	Decals - Hertz Options:	
	0273249	Ref	SN 0300140000 to SN 0300147420	
	1001128995	Ref	SN 0300147420 to SN 030183033	
	1001143077	Ref	Decals - Hewitt the Rental Store (English)	
	1001143512	Ref	Decals - Hewitt the Rental Store (French)	
	1001140644	Ref	Decals - Leavitt	
	0274248	Ref	Decals - National Equipment Services	
	1001095391	Ref	Decals - RSC Equipment Rental	
	1001120207	Ref	Decals - Sunbelt	
	0273687	Ref	Decal - SkyAir	
	0272599	Ref	Decal - SkyCutter (ANSI/ANSI Export/CSA Specs)	
	0272607	Ref	Decal - SkyCutter (Japanese Specs)	
	0272418	Ref	Decal - SkyGlazier (ANSI/ANSI Export/Australian/CSA Specs)	
	0272435	Ref	Decal - SkyPower (ANSI/ANSI Export/CSA Specs)	
	0272589	Ref	Decal - SkyPower (ANSI Export/Australian/CE/Japanese Specs)	
	1001161314	Ref	Decal - SkyPower (Brazil Specs)	
	1001161315	Ref	Decal - SkyPower (Latin American Specs)	
	0272448	Ref	Decal - SkyWelder (ANSI/ANSI Export/CSA Specs)	
	0272588	Ref	Decal - SkyWelder (ANSI Export/Australian/CE/Japanese Specs)	
	1001151081	Ref	Decals - Titan Rentals (ANSI & CSA Specs)	

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.
Cont'd		Ref	Decal Installations Options:	
	0273122	Ref	Decals - United Rentals	
	1001140293	Ref	Decals - Volvo	
	0258541/1282946	Ref	Decals - Warning Stripes	
	2300040	Ref	Diesel Fuel - Anti-Gel	
	2902396	Ref	Drive/Steer Cutout Kit	
	0274619	Ref	Dual AC 110V GFI Installation (ANSI Export Only)	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp Electrical Connector Kit	
	1001148903	Ref	Deutsch DT Electrical Connector Kit	
	1001148904	Ref	Deutsch HD Electrical Connector Kit	
	1001148905	Ref	Packard Electrical Connector Kit	
	1001148906	Ref	Various Electrical Connectors Kit	
		Ref	Exhaust Rain Cap Installation	
	1001108962		ABS Hoods	
	1001121294		Steel Hoods (Caterpillar Engine)	
	1001121306		Steel Hoods (Deutz Engine)	
		Ref	Filter Kits:	
		1	Combined Filter Kit Options (Hydraulic/Air & Fuel/Engine Oil):	
	1001111014		Deutz Engine Machines (was p/n 1001114033)	
	1001111015		Caterpillar Engine Machines	
	1001114056		GM Engine Machines	
		1	Hydraulic/Air Filter Options:	
	1001109717		Deutz Engine Machines (was p/n 2910948)	
	1001109717		Caterpillar Engine Machines (was p/n 2910948)	
	See Note		GM Engine Machines (Note: Not Available for Purchase)	
		1	Engine - Fuel/Engine Oil Filter Options:	
	1001110133		Deutz Engine Machines	
	1001110137		Caterpillar Engine Machines	
	See Note		GM Engine Machines (Note: Not Available for Purchase)	
	1001139099	Ref	Fire Extinguisher Installation (20lb)	
		Ref	Footswitch Shield Options (Note: Move Decal to Shield):	
	3380652	Ref	USA Built Machines SN 0300140000 to SN 0300143928 & China Built Machines SN B300000100 to SN B300000202	
	1001117294	Ref	USA Built Machines SN 0300143928 to SN 030183033 & China Built Machines SN B300000202 to Present	

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001139952	Ref	Generator - 4000W Components:	
		Ref	60Hz:	
	1001139952	Ref	Generator 4000W 60Hz Installation (ANSI, ANSI Export, CSA & Japanese Specs)	
	1001153328	Ref	Boom Cables Installation (800A)	
	1001153329	Ref	Boom Cables Installation (800AJ)	
	1001160272	Ref	AC Cable Connector	
		Ref	50Hz:	
	1001139953	Ref	Generator 4000W 50Hz Installation (ANSI Export, Australian & Japanese Specs)	
	0271374	Ref	Boom Cables Installation (800A)	
	0271376	Ref	Boom Cables Installation (800AJ All Specs Except Australian Specs)	
	0273434	Ref	Boom Cables Installation (800AJ Australian Spec)	
	1001160272	Ref	AC Cable Connector	
	0275261	Ref	GM Engine Block Heater Installations:	
		Ref	Hood Kit Installations (Steel)	
	1001121736	Ref	Caterpillar Engine Machines	
	1001121735	Ref	Deutz Engine Machines	
	1001121737	Ref	GM Engine Machines	
		Ref	Hydraulic Fluids	
	2300014	Ref	Mobil 424	
	2300027	Ref	Mobil 224H Bio	
	2300016	Ref	Mobil DTE 10 Excel 32	
	2300029	Ref	Mobil EAL ISO 46 Bio	
	2300021	Ref	Union Carbide Ucon HP5046 Fire Resistant	
	2300039	Ref	Exxon Univis Hvl (Arctic Package Only)	
	1001148971	Ref	Lanyard (Bolt-On) Kit Installation	
		Ref	Oil Cooler Installations	
		Ref	Deutz Engine Machines Options:	
	1001108701	Ref	USA Built Machines SN 0300140000 to SN 0300161435 & China Built Machines SN B300000100 to SN B300000630	
	1001143950	Ref	USA Built Machines SN 0300161435 to SN 030183033 & China Built Machines SN B300000630 to Present	
	0272040/1283309	Ref	GM Engine Machines	
		Ref	Pipe Racks Installations	
	0257728	Ref	ANSI & CSA Spec	
	0274661	Ref	Australian Spec	
	1001107497	Ref	ANSI Export Spec (English/Spanish Language)	
	0258703	Ref	Platform Console Cover Installation	

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref	Platform Entry Kits	
	1001142504	Ref	Drop Bar (Replacing Swing Gate with Drop Bar)	
	1001142505	Ref	Swing Gate (Replacing Drop Bar with Swing Gate)	
		Ref	Platform Ladder Carrier Installation Options (Australian Spec Only):	
	1001116419	Ref	30in Platform	
	1001116420	Ref	36in Platform	
		Ref	Platform, Mesh to Mid Rail	
	1001140318	Ref	2.5ft x 4ft Platforms (ANSI/ANSI Export & Australian Specs)	
	1001138772	Ref	3ft x 6ft Platforms (ANSI/ANSI Export & Australian Specs)	
	1001138773	Ref	3ft x 8ft Platforms (ANSI/ANSI Export & Australian Specs)	
		Ref	Platform, Mesh to Top Rail	
	0273147	Ref	2.5ft x 4ft Platforms (ANSI/ANSI Export & CSA Specs)	
	0273149	Ref	3ft x 6ft Platforms (ANSI/ANSI Export & CSA Specs)	
	0273145	Ref	3ft x 8ft Platforms (ANSI/ANSI Export & CSA Specs)	
	1702868	Ref	Decal - NO HANDS (ANSI/ANSI Export Spec)	
	1704000	Ref	Decal - NO HANDS (CSA Spec)	
	1704001	Ref	Decal - NO HANDS (ANSI Export - English/Spanish)	
	1705969	Ref	Decal - NO HANDS (ANSI Export - Korean/English)	
	1705967	Ref	Decal - NO HANDS (ANSI Export - Portuguese/English)	
		Ref	Platform, Top Rail Extension	
	0272733	Ref	3ft x 6ft Platforms (Standard Design)	
	1001110058	Ref	3ft x 6ft Platforms (Raised Height Design)	
	0272725	Ref	3ft x 8ft Platforms (Standard Design)	
	0861682	Ref	Platform, Remote Control Box	
	1001139944	Ref	Pump Mounting Bracket Kit (Sauer Danfoss)	
		Ref	SkyAccessory:	
		Ref	Note: For Breakdown of Sky Accessories Refer to Accessory Manual p/n 3124242	
	0274031	Ref	SkyAir	
			SkyGlazier Options:	
	1001101422	Ref	ANSI & CSA Specs w/o LSS	
	1001102647	Ref	Australian Specs w/o LSS	
	1001099421	Ref	ANSI Export - Spanish Language	
	1001099422	Ref	ANSI Export - Portuguese Language	
	1001115398	Ref	SkyPower - 7500W 60Hz (Caterpillar Engine) (ANSI/ANSI Export & CSA Specs)	
	1001115400	Ref	SkyPower - 7500W 50Hz (Caterpillar Engine) (ANSI Export/ Australian/CE & Japanese)	
	1001115387	Ref	SkyPower - 7500W 60Hz (Deutz Engine) (ANSI/ANSI Export & CSA Specs)	

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.
	1001115389	Ref	SkyPower - 7500W 50Hz (Deutz Engine) (ANSI Export/Australian/CE & Japanese)	
	0275257	Ref	SkyPower - 7500W 60Hz (GM Engine) (ANSI/ANSI Export & CSA Specs)	
	1001098149	Ref	SkyCutter Plasma Cutter (ANSI/ANSI Export/CSA & Japanese Specs)	
	0272254	Ref	SkyWelder (ANSI, ANSI Export & CSA Specs)	
	0272521	Ref	SkyWelder (ANSI Export & Japanese Specs)	
	0273353	Ref	SkyCutter/SkyWelder Combo (ANSI, ANSI Export & CSA Specs)	
		Ref	SkyGuard Component Options:	
	1001143669	Ref	SkyGuard Complete Add-On Kit (UGM Machines)	
	1001137672	Ref	SkyGuard Platform Sensor Kit (UGM Machines)	
	1001143256	Ref	SkyGuard Blue Beacon Kit	
	1001116163	Ref	Sky Power Kit, Deutz 7500W (800A Only)	
	0274207	Ref	Slope Sensor Installation	
	1001125124	Ref	Soft Touch (Overhead) Installation (Chinese/Korean Specs Only)	
	1001125393	Ref	Soft Touch (Overhead) Kit (Chinese/Korean Specs Only)	
		Ref	Strobe Light Installations (Amber)	
	1001152965	Ref	Platform Mounted	
	1001154231	Ref	Platform/Ground Mounted	
		Ref	Tire Sealant Installation	
	0272324	AR	Sealant, Tire (15"IN385/65D 19.5)	
	1300019	AR	Sealant	
	0272312	1	Decal - Tire Sealant	
	0273364	AR	Sealant, Tire (1N445/55D 19.5)	
	1300019	AR	Sealant	
	0272313	1	Decal - Tire Sealant	
		Ref	Tools for Service	
	1600244	1	Analyzer, Machine System	
	7002840	1	Antirotation Pin Removal Tool	
	8896941	1	Wire Stripper	
	7002821	1	Wire Crimper (To install wire ends to wires)	
	7002823	1	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	
	4460467	1	Extractor - 16-18 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pin/Sockets from Deutsch Connectors)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controllers)	
	7016654	1	Screwdriver, Magnetic	

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.
	7004275	1	Seal Installation Tool - 1in	
	7004276	1	Seal Installation Tool - 1-1/2in	
	7002826	1	Seal Installation Tool - 2in	
	7016655	1	Wire Rope Sheave Gauge	
	7016652	1	Huck Bolt Fastener (For Small Huck Bolts Only)	
	70000017	1	ADE Software CD	
	1001137005	1	Software Cable Kit	
	0258918	Ref	Utility Rack Installation	
		Ref	Weld Leads to Platform Installation Options:	
	0258826	Ref	800A	
	0258827	Ref	800AJ	

SECTION 10 SPECIAL OPTIONS

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.

FIG&ITEM#	PART NUMBER	QTY.	DESCRIPTION	REV.

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