



Illustrated Parts Manual

Models 600S 660SJ

SN 0300171769
to Present
SN B300000869
to Present

**P/N
3121299**

February 28, 2014

ANSI

CE



An Oshkosh Corporation Company

REVISION LOG

NOTES:

NOTE: LOCATION OF MANUFACTURE

The 600S & 600SJ 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).

NOTE: USA Built Machines with SNs 0300170082 & 0300170091 are also built to the same specs as USA built Machines SN 0300171769 to Present - Use Parts Manual P/N 3121299.

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SECTION 1 - FRAME

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FIGURE 1-1. AXLE INSTALLATION

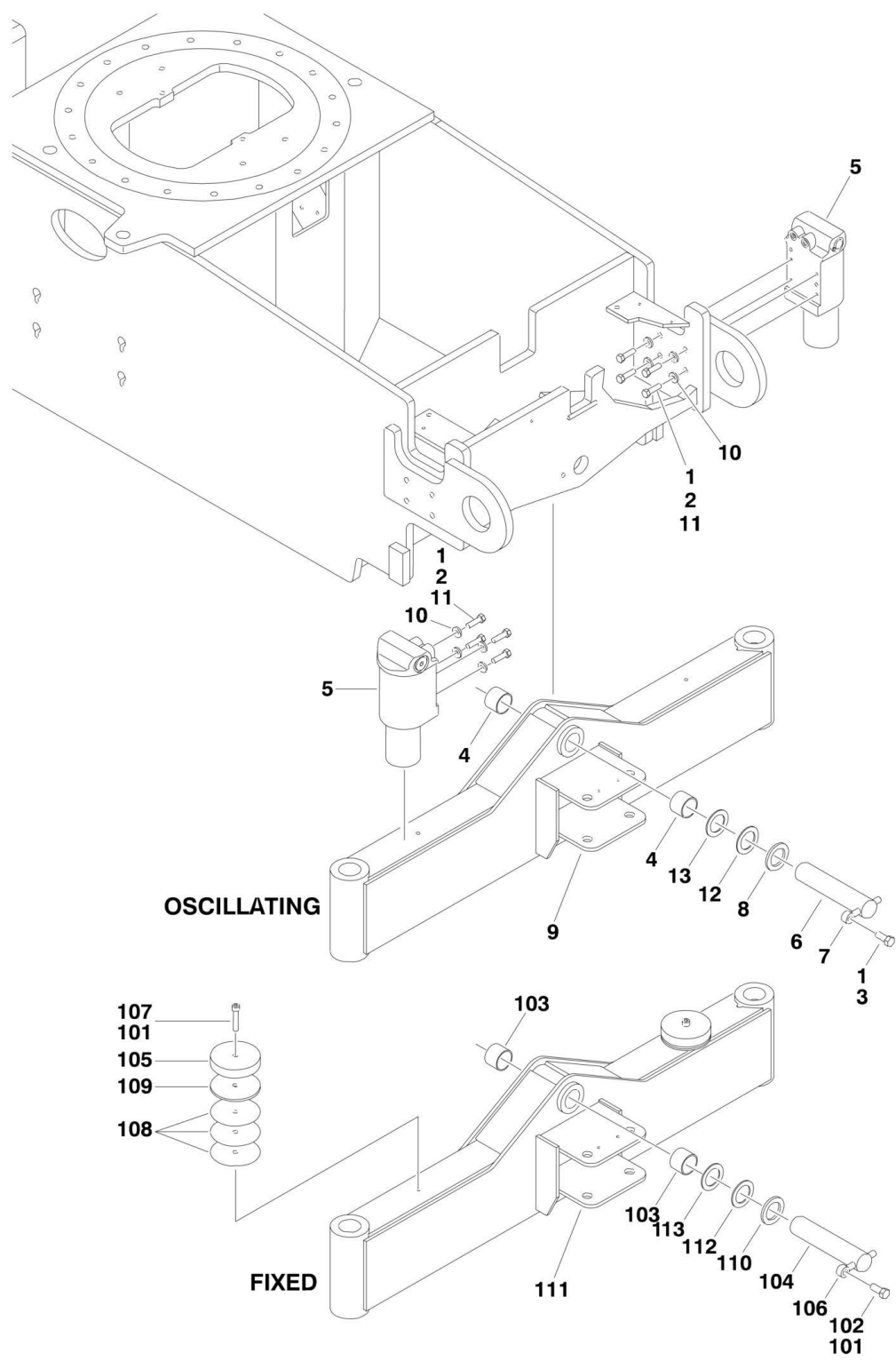
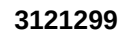


FIGURE 1-1. AXLE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	AXLE INSTALLATIONS - OSCILLATING	
	1001148168	Ref	Axle without Tow Package	C
	1001148170	Ref	Axle with Tow Package	C
1	0100011	AR	Compound, Locking	
2	0641814	8	Bolt 1/2in-13NC x 1-3/4in	
3	0642012	1	Bolt 5/8in-11NC x 1-1/2in	
4	0961950	2	Bearing	
5	1684465	2	Lockout Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
6	3423184	1	Pin	
7	3841258	1	Keeper, Pin	
8	4740158	AR	Thrustwasher (1/4in Thick)	
9		Ref	Axle Weldment Options:	
9	1001148171	1	Axle without Tow Package	
9	1001148172	1	Axle with Tow Package (Not Shown)	
10	4891800	8	Flatwasher 1/2in Hardened	
11	0100038	AR	Primer, Locking	
12	4740229	AR	Thrustwasher (1/8in Thick)	
13	4071101	AR	Shim (18Ga)	
	1001148169	Ref	AXLE INSTALLATIONS - FIXED	C
101	0100011	AR	Compound, Locking	
102	0642012	1	Bolt 5/8in-11NC x 1-1/2in	
103	0961950	2	Bearing	
104	3423184	1	Pin, Pivot	
105	3539877	2	Plate, Stop	
106	3841258	1	Keeper, Pin	
107	3931840	2	Screw 1/2in-13NC x 2-1/2in	
108	4070944	6	Shim (.06)	
109	4070945	2	Shim (.25)	
110	4740158	AR	Thrustwasher	
111	1001148171	1	Axle Weldment	
112	4071101	AR	Shim (18Ga)	
113	4740229	AR	Thrustwasher (1/8in Thick)	

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FIGURE 1-2. STEERING INSTALLATION WITHOUT TOW PACKAGE

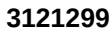
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	4WD STEERING INSTALLATION	
	1001148162	Ref	4WD/2WS	C
	1001148163	Ref	4WD/4WS (Note: Double qty for 4WD/4WS Machines)	B
1	0100011	AR	Compound, Locking	
2	0641608	6	Bolt 3/8in-16NC x 1in	
3	1001097242	2	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
4	0642012	2	Bolt 5/8in-11NC x 1-1/2in	
5	0962356	2	Bushing	
6	0962131	4	Bushing	
8	3422326	2	Pin	
9	3422900	2	Kingpin	
10	3422902	2	Pin	
11	3422903	2	Pin	
12	3841143	6	Keeper, Pin	
13	3841258	2	Keeper, Pin	
14	1001155574	1	Tie-Rod	
15	1001099387	1	Spindle - Left Side	
16	1001099196	1	Spindle - Right Side	
17	4740111	6	Thrustwasher	
18	4740256	2	Thrustwasher	
19	4740463	2	Thrustwasher	
	1001148161	Ref	2WD STEERING INSTALLATION	C
101	0100011	AR	Compound, Locking	
104	0641608	6	Bolt 3/8in-16NC x 1in	
106	0642012	2	Bolt 5/8in-11NC x 1-1/2in	
108	0962356	2	Bushing	
109	0962131	4	Bushing	
111	1001097242	2	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
112	4130410	2	Hub Assembly (See Items 201-212 for Breakdown)	
114	3422326	2	Pin	
115	3422900	2	Kingpin	
116	3422902	2	Pin	
117	3422903	2	Pin	
118	3841143	6	Keeper, Pin	
119	3841258	2	Keeper, Pin	
120	1001155574	1	Tie-Rod	
122	1001099387	1	Spindle - Left Side	
123	1001099196	1	Spindle - Right Side	
124	4740111	6	Thrustwasher	
125	4740256	2	Thrustwasher	
127	4740463	2	Thrustwasher	
130	0682020	12	Bolt 5/8in-11NC x 2-1/2in (Grade 8)	
131	3272001	12	Nut 5/8in-11NC (Grade 8)	
132	4892000	24	Flatwasher 5/8in Hardened	
	4130409	Ref	HUB ASSEMBLY	C
201	0440170	2	Cone, Bearing	
202	0440171	2	Cup, Bearing	
203	0721003	3	Bolt #10-24NC x 3/8in	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
204	1120304	1	Cap, Hub	
205	2780271	1	Hub	
205A	0630490	9	Stud, Wheel	
206	3323403	1	Nut, Slotted 1-1/2in -12NF	
207	3451010	1	Pin, Cotter 5/8in x 2-1/2in	
208	3960343	1	Seal, Grease	
209	4130409	1	Adapter, Spindle	
210	4740283	1	Flatwasher, Hardened	
211	4761000	3	Lockwasher #10	
212	3020017	AR	Grease, Bearing	

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FIGURE 1-3. STEERING INSTALLATION WITH TOW PACKAGE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	4WD STEERING INSTALLATION	
		Ref	USA Built Machines:	
	1001148164	Ref	4WD/2WS	C
	1001148166	Ref	4WD/4WS (Note: Double qty for 4WD/4WS Machines)	C
		Ref	China Built Machines:	
	1001148164	Ref	4WD/2WS	C
1	0100011	AR	Compound, Locking	
2	0641608	8	Bolt 3/8in-16NC x 1in	
3	0642012	2	Bolt 5/8in-11NC x 1-1/2in	
4	0741607	4	Screw 3/8in-16NC x 7/8in	
5	0962356	2	Bushing	
6	0962131	4	Bushing	
7	0962292	2	Bushing	
8	0962348	1	Bushing	
9	1001097242	2	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
10	1001148178	1	Link	
11	3340966	2	Pad	
12	3422326	2	Pin	
13	3422567	1	Pin	
14	3422813	1	Pin	
15	3422848	1	Pin	
16	3422900	2	Pin	
17	3422902	1	Pin	
18	3422903	2	Pin	
19	3841143	8	Keeper, Pin	
20	3841258	2	Keeper, Pin	
21	1001155574	1	Tie-Rod	
22	4071059	2	Shim	
23	1001099387	1	Spindle - Left Side	
24	4130399	1	Spindle - Right Side	
25	4740111	9	Thrustwasher	
26	4740155	2	Thrustwasher	
27	4740256	2	Thrustwasher	
28	4740463	2	Thrustwasher	
29	4846935	1	Pivot	
	1001148165	Ref	2WD STEERING INSTALLATION	C
		Ref	Note: Only Available on USA Built Machines	
101	0100011	AR	Compound, Locking	
102	0440170	4	Cone, Bearing	
103	0440171	4	Cup, Bearing	
104	0641608	8	Bolt 3/8in-16NC x 1in	
105	0642012	2	Bolt 5/8in-11NC x 1-1/2in	
106	0721003	6	Bolt #10-24NC x 3/8in	
107	0741607	4	Screw 3/8in-16NC x 7/8in	
108	0962356	2	Bushing	
109	0962131	4	Bushing	
110	0962292	2	Bushing	
111	0962348	1	Bushing	
112	1120304	2	Cap, Hub	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
113	1001097242	2	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
114	2780271	2	Hub	
114A	0630490	18	Stud, Wheel (9 Per Hub)	
115	1001148178	1	Link	
116	3323403	2	Nut, Slotted 1-1/2in -12NF	
117	3340966	2	Pad	
118	3422326	2	Pin	
119	3422567	1	Pin	
120	3422813	1	Pin	
121	3422848	1	Pin	
122	3422900	2	Pin	
123	3422902	1	Pin	
124	3422903	2	Pin	
125	3451010	1	Pin, Cotter 5/8in x 2-1/2in	
126	3841143	8	Keeper, Pin	
127	3841258	2	Keeper, Pin	
128	1001155574	1	Tie-Rod	
129	3960343	2	Seal, Grease	
130	4071059	2	Shim	
131	4130396	1	Spindle - Left Side	
132	4130400	1	Spindle - Right Side	
133	4740111	9	Thrustwasher	
134	4740155	2	Thrustwasher	
135	4740256	2	Thrustwasher	
136	4740283	2	Flatwasher, Hardened	
137	4740463	2	Thrustwasher	
138	4761000	6	Lockwasher #10	
139	4846935	1	Pivot	

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FIGURE 1-4. TIRE AND WHEEL DRIVE INSTALLATIONS

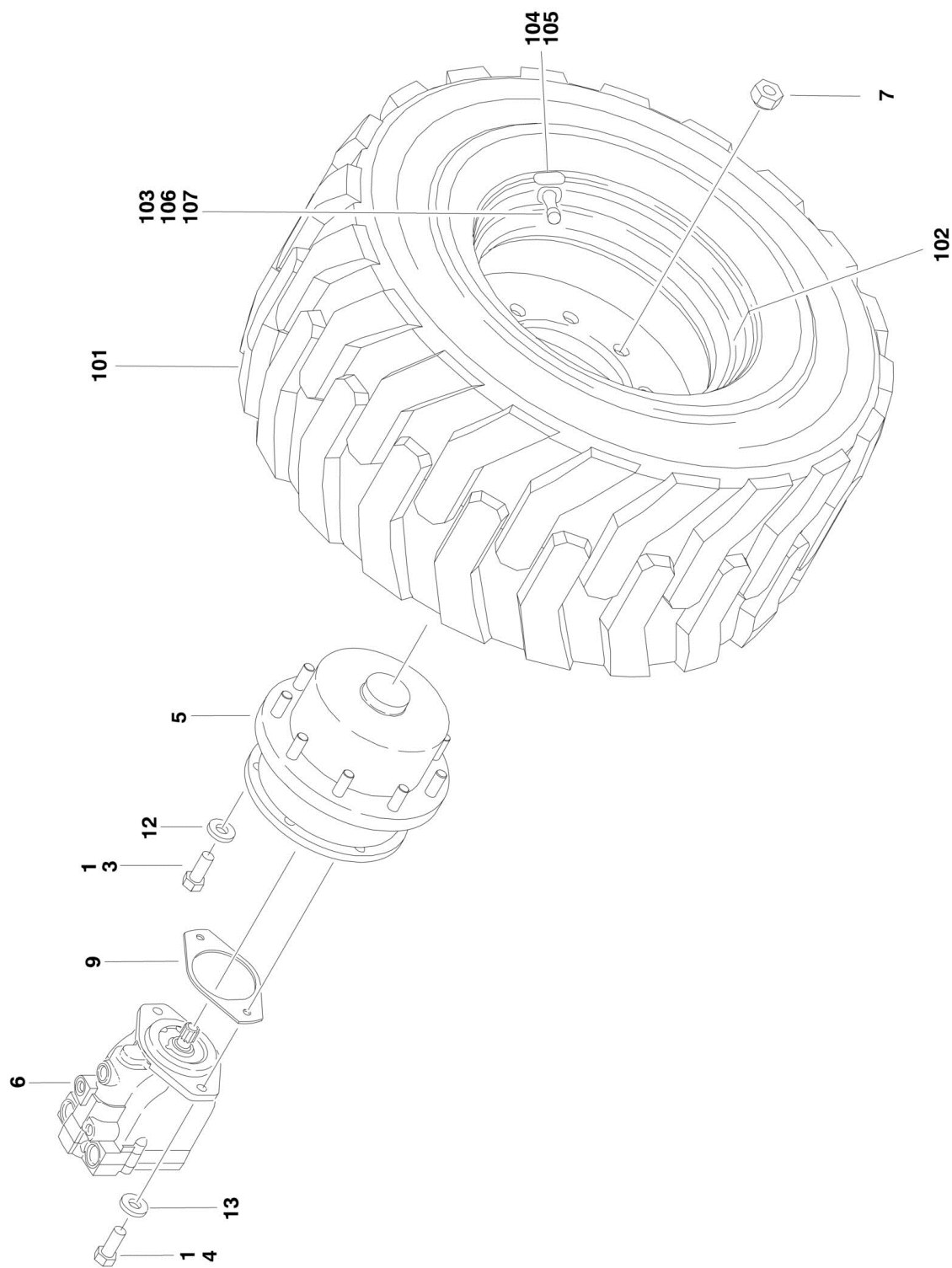


FIGURE 1-4. TIRE AND WHEEL DRIVE INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	WHEEL DRIVE INSTALLATIONS	
	1001149287	Ref	2WD	A
	1001149288	Ref	4WD/2WS	A
	1001149289	Ref	4WD/4WS	A
		Ref	Note: 2WD Qty Shown. For 4WD, Double Qty Shown.	
1	0100011	AR	Compound, Locking	
3	0681810	4	Bolt 1/2in-13NC x 1-1/4in (Grade 8)	
4	0682016	12	Bolt 5/8in-11NC x 2in (Grade 8)	
5	2780269	2	Drive Hub Assembly (See DRIVE HUB ASSEMBLY for Breakdown)	
6		Ref	Drive Motor Assembly (See DRIVE MOTOR ASSEMBLY for Breakdown)	
6	3160349	2	2WD	
6	3160350	2	4WD	
7	3300106	18	Nut, Wheel	
9	3960526	1	Gasket	
12	4891800	4	Flatwasher 1/2in Hardened	
13	4740393	12	Flatwasher 5/8in Hardened	
		Ref	TIRE AND WHEEL INSTALLATIONS OPTIONS	
		Ref	USA Built Machines:	
	1001101800	Ref	Pneumatic - OTR Tires (Available on All Specs except Australian and CE Specs)	D
	1001101802	Ref	Pneumatic W/Sealant - OTR Tires (Available on ANSI and ANSI Export Specs Only)	C
	0275860	Ref	Pneumatic Turf/Sand - Galaxy Tires (Available on ANSI Specs Only)	1
	1001101801	Ref	Foam-Filled - OTR Tires (Available on All Specs)	C
	0274152	Ref	Foam-Filled - OTR Tires (Non-Marking) (Available on All Specs)	1
		Ref	China Built Machines:	
	1001101800	Ref	Pneumatic - OTR Tires (Available on ANSI Export and Japanese Specs)	D
	1001101801	Ref	Foam-Filled - OTR Tires (Available on All Specs)	C
		Ref	Tire and Wheel Assembly Options:	
	1001097358	2	Pneumatic - OTR Tire (Right Side)	D
	1001097357	2	Pneumatic - OTR Tire (Left Side)	D
	1001097388	2	Pneumatic W/Sealant - OTR Tire (Right Side)	D
	1001097387	2	Pneumatic W/Sealant - OTR Tire (Left Side)	D
	4520674	4	Pneumatic Turf/Sand - Galaxy Tire (Not Shown)	A
	1001097374	2	Foam-Filled - OTR Tire (Right Side)	F
	1001097373	2	Foam-Filled - OTR Tire (Left Side)	F
	4520340	2	Foam-Filled - OTR Tire (Non-Marking) (Right Side)	B
	4520339	2	Foam-Filled - OTR Tire (Non-Marking) (Left Side)	B
		Ref	Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.	
		Ref	Note: Turf/Sand Tires required additional chassis counterweight. See SPECIAL OPTIONS SECTION before installing this option.	
101		Ref	Tire (1 Per Assembly) Options:	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	1001097351	4	Tire 39 x 15-22.5	
101	4520256	4	Tire 41/18LL x 22.5 - Turf/Sand (1 Per Assembly)	
102		Ref	Rim, Wheel (1 Per Assembly) Options:	
102	1001097348	4	Rim, Wheel - 39 x 15-22.5 Tire (1 Per Assembly)	
102	4520672	4	Rim, Wheel - Turf/Sand 22.5 x 14 (1 Per Assembly)	
103	4640113	4	Valve, Air (1 Per Assembly)	
104		Ref	Decal PSI Options:	
104	1702701	4	Decal - 95 PSI	
104	1701643	4	Decal - 70 PSI (Turf/Sand Tires 41/18LL x 22.5 Only)	
105	1705364	AR	Decal - Tire Sealant (W/Sealant Only)	
106	1300019	AR	Chemical, Tire Sealant (Green) (W/Sealant Only)	
107	1120552	AR	Cap, Valve Stem (Green) (W/Sealant Only)	

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FIGURE 1-5. DRIVE HUB ASSEMBLY

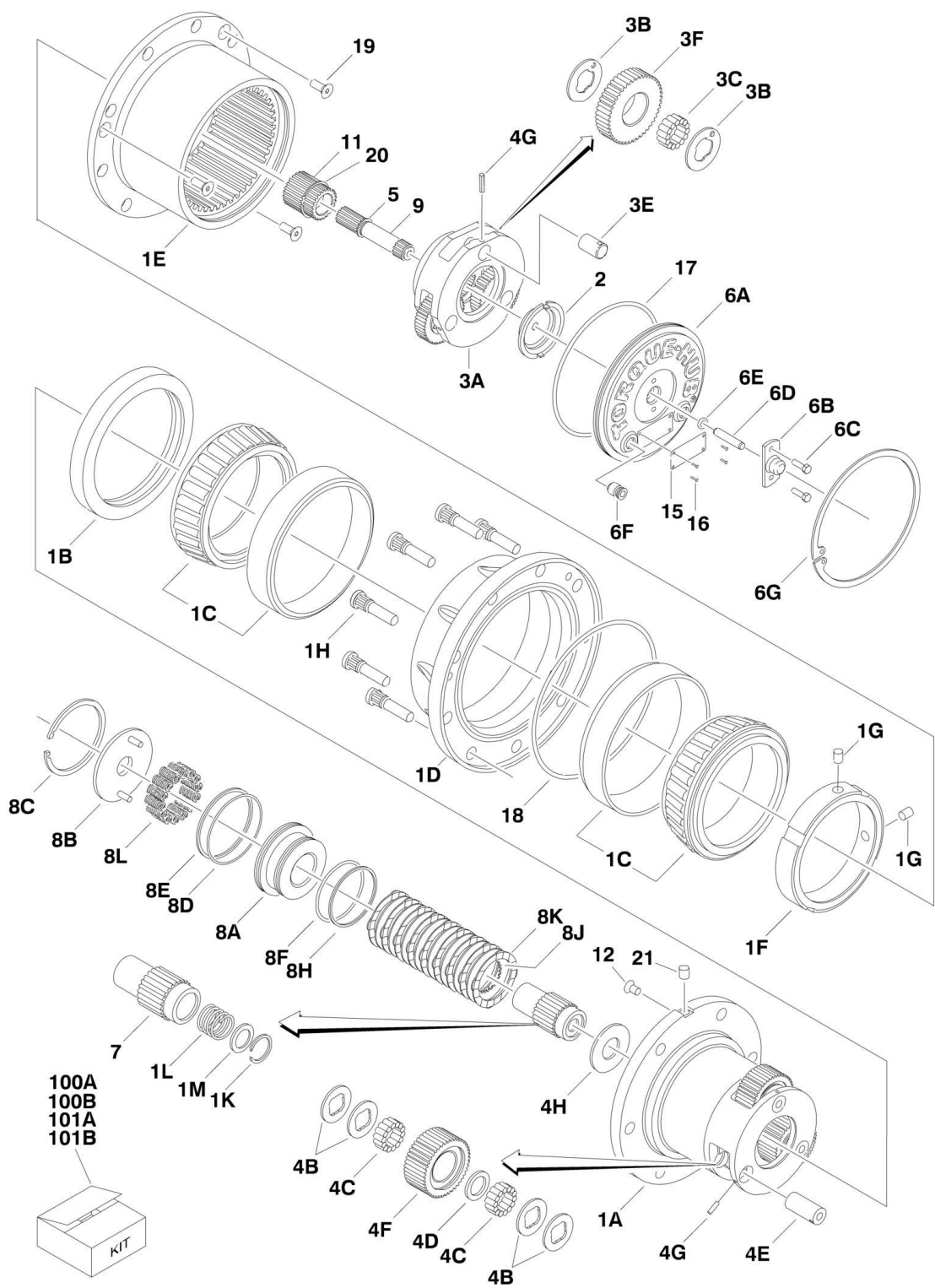


FIGURE 1-5. DRIVE HUB ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2780269	Ref	DRIVE HUB/BRAKE ASSEMBLY	C
1	See Note	1	Spindle/Housing Assembly (Note: Not Available - Purchase p/n 2780269 Complete Replacement. See 1A-1M for Available Components.)	
1A	7024729	1	Spindle	
1B	70001119	1	Seal	
1C	7024735	2	Bearing (Includes Cup and Cone)	
1D	2780269	1	Housing (Note: Not Available for Purchase.)	
1E	7024730	1	Ring, Gear	
1F	7024744	1	Nut, Bearing	
1G	See Note	2	Setscrew 1/4in-28NF x 1/2in (Note: Use Item 100A,100B,101A or 101B)	
1H	7024732	9	Stud, Wheel	
1K	7024125	1	Ring, Retaining	
1L	7024124	1	Spring	
1M	7024129	1	Thrustwasher	
2	7024741	1	Thrustwasher	
3	See Note	1	Carrier Assembly (Note: Not Available for Purchase. See 3A-3F for Available Components.)	
3A	7024725	1	Carrier	
3B	7024127	6	Thrustwasher	
3C	7024733	42	Bearing, Needle	
3E	7024724	3	Shaft, Planet	
3F	7024727	3	Gear, Planet	
4	See Note	1	Planet Gear Sub-Assembly (Note: Not Available for Purchase. See 4A-4H for Available Components.)	
4B	7024740	12	Thrustwasher	
4C	7024734	84	Bearing, Needle	
4D	7024736	3	Spacer, Thrust	
4E	7024726	3	Shaft, Planet	
4F	7024728	3	Gear, Planet	
4G	7001913	6	Rollpin	
4H	7024742	1	Thrustwasher	
5	7017027	1	Ring, Retaining	
6	See Note	1	Cover Assembly (Note: Not Available for Purchase. See 6A-6G for Available Components.)	
6A	7024731	1	Plate, Cover	
6B	7017093	1	Cap, Disengage	
6C	7000216	2	Bolt 1/2in-20NC x 1/2in	
6D	7024739	1	Pin, Dowel	
6E	7017095	1	O-Ring	
6F	7017072	2	Plug, Pipe	
6G	7024738	1	Ring, Retaining	
7	7024722	1	Coupling	
8	See Note	1	Brake, Input (Note: Not Available for Purchase. See 8A-8L for Available Components.)	
8A	70000782	1	Piston, Brake	
8B	7024743	1	Plate, Pressure	
8C	See Note	1	Ring, Retaining (Note: Use Item 101A or 101B)	
8D	See Note	1	O-Ring (Note: Use Item 100B or 101A)	
8E	See Note	1	Ring, Back-up (Note: Use Item 100B or 101A)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
8F	See Note	1	O-Ring (Note: Use Item 100B or 101A)	
8H	See Note	1	Ring, Back-up (Note: Use Item 100B or 101A)	
8J	7024764	8	Rotor, Brake	
8K	7024764	9	Stator, Brake	
8L	7024766	AR	Spring, Brake	
9	7024721	1	Shaft, Input	
11	7024723	1	Gear, Sun	
12	See Note	1	Plug (Note: Not Available - Purchase Locally.)	
15	See Note	1	Plate, ID (Not Shown) (Note: Not Available for Purchase.)	
16	7000281	4	Screw, Drive	
17	7024134	1	O-Ring	
18	7024744	1	O-Ring	
19	7017022	3	Screw, Countersunk 3/8in-16NC	
20	7024737	1	Ring, Retaining	
21	See Note	1	Plug (Note: Not Available - Purchase Locally.)	
100		Ref	Seal Kit Options:	
100A	7024744	1	Hub Seal Kit (Includes Items 1B, 1F, 1G, 17, 18 & 19)	
100B	7024765	1	Brake Seal Kit (Includes Items 1G, 8C, 8D, 8E, 8F & 8H)	
101		Ref	Repair Kit Options:	
101A	7024764	1	Brake Lining Kit (Includes Items 1G, 8C, 8D, 8F, 8E, 8H, 8J & 8K)	
101B	7024766	1	Brake Spring Kit (Includes Items 1G, 8C & 8L)	

SECTION 1 - FRAME

FIGURE 1-6. DRIVE MOTOR ASSEMBLY

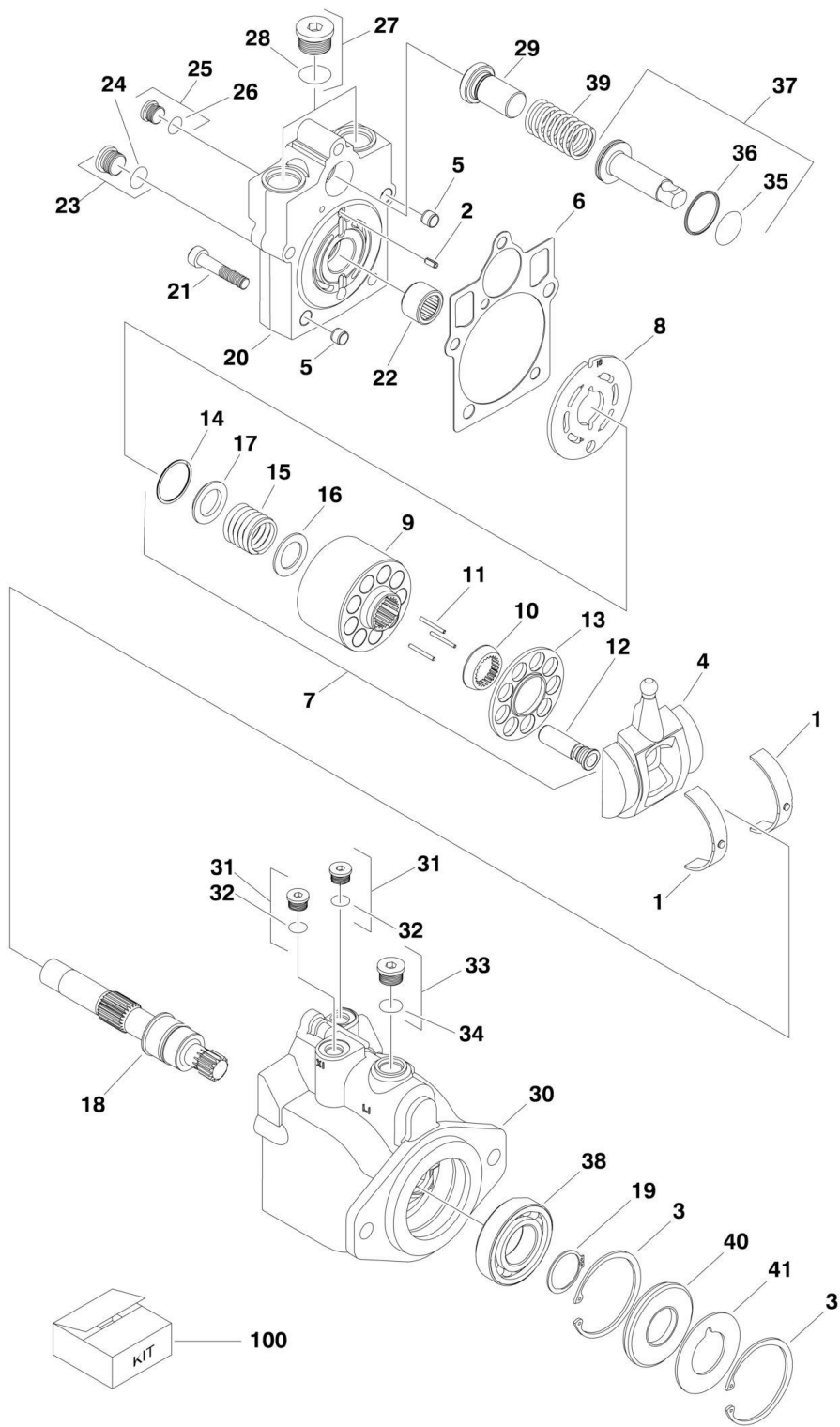
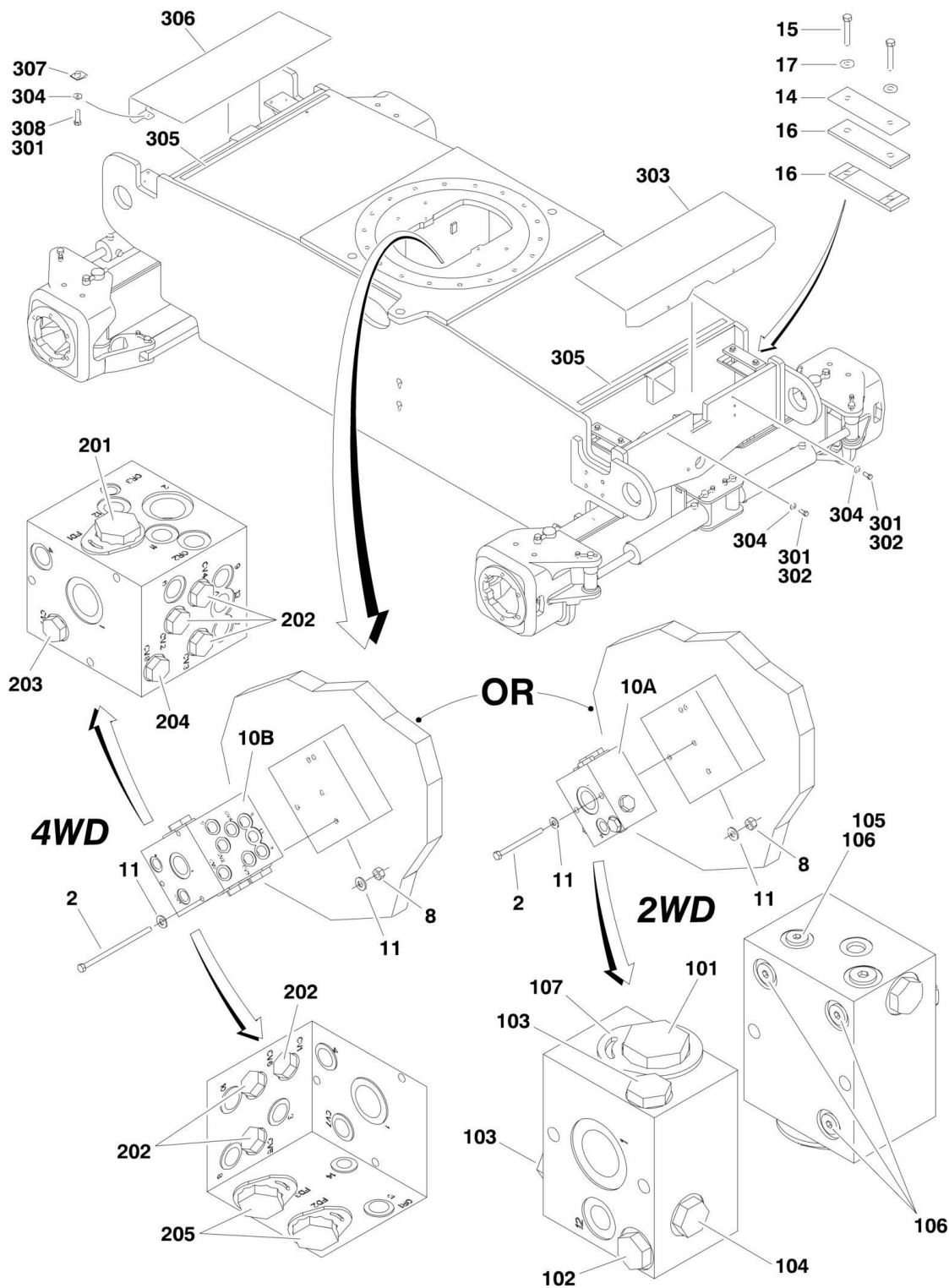


FIGURE 1-6. DRIVE MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DRIVE MOTOR ASSEMBLY	
	3160349	Ref	2WD	B
	3160350	Ref	4WD	B
1	7022302	2	Bearing, Journal	
2	7007446	1	Pin	
3	7007438	2	Ring, Retaining	
4	70000794	1	Swashplate	
5	See Note	2	Pin (Note: Not Available for Purchase.)	
6	7022328	1	Gasket	
7	7027740	1	Cylinder Block Kit (Includes Items 9-17)	
8	7024862	1	Plate, Valve	
9	7027740	1	Block, Cylinder	
10	7027740	1	Guide, Slipper Retainer	
11	7021275	3	Pin, Slipper Hold Down	
12	7024865	9	Piston Assembly	
13	7027740	1	Retainer, Slipper	
14	7022311	1	Ring, Retaining	
15	7024867	1	Spring	
16	7022313	1	Washer	
17	7022314	1	Retainer, Spring	
18	7023910	1	Shaft	
19	7007439	1	Ring, Retaining	
20	70000795	1	Cap, End - Axial	
21	7022368	5	Screw	
22	7021249	1	Bearing, Needle	
23	2220886	1	Plug (Includes Item 24)	
24	7022328	1	O-Ring	
25	2220883	1	Plug (Includes Item 26)	
26	7022328	1	O-Ring	
27	7027419	2	Plug (Includes Item 28)	
28	7022328	2	O-Ring	
29		Ref	Seat, Spring Options:	
29	7024853	1	2WD/2WS	
29	7022372	1	2WD/4WS, 4WD/2WS & 4WD/4WS	
30	See Note	1	Housing (Note: Not Available - Purchase Complete Drive Motor Assembly.)	
31	2220883	2	Plug (Items Item 32)	
32	7022328	2	O-Ring	
33	2220886	1	Plug (Items Item 34)	
34	7022328	1	O-Ring	
35	7022328	1	O-Ring	
36	7022328	1	Ring, Seal	
37	7024871	1	Piston, Servo	
38	7007437	1	Bearing	
39	7022326	1	Spring	
40	7022328	1	Seal, Lip	
41	7022371	1	Washer, Support	
100	7022328	1	Seal Kit (Includes Items 6, 24, 26, 28, 32, 34, 35, 36 & 40)	

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FIGURE 1-7. DRIVE VALVES AND SHIELDS INSTALLATION (FRAME MOUNTED)



SECTION 1 - FRAME

FIGURE 1-7. DRIVE VALVES AND SHIELDS INSTALLATION (FRAME MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DRIVE VALVES INSTALLATION OPTIONS:	
	1001149287	Ref	2WD	A
	1001149288	Ref	4WD/2WS	A
	1001149289	Ref	4WD/4WS	A
2		Ref	Bolt 5/16in-18NC Options:	
2	0641530	2	3-3/4in Length (2WD)	
2	0641552	3	6-1/2in Length (4WD)	
8	3311505	AR	Locknut 5/16in-18NC	
10		Ref	Flow Divider Valve Assembly Options:	
10A	1001100120	1	2WD (See Items 101-107 for Breakdown)	
10B	1001098503	1	4WD (See Items 201-207 for Breakdown)	
11	4711500	AR	Flatwasher 5/16in Thin	
14		Ref	Bar, Clamping	
14	Not Required	0	2WD	
14	0363012	2	4WD	
15	0641618	4	Bolt 3/8in-16NC x 2-1/4in	
16	3340911	4	Rubber, Clamp	
17	4751600	4	Flatwasher 3/8in Regular	
	1001100120	Ref	FLOW DIVIDER ASSEMBLIES (2WD)	A
101	7023933	1	Valve, Cartridge (Flow Divider)	
101	7021625	1	Seal Kit - Flow Divider Cartridge	
102	7024892	1	Valve, Cartridge (Check)	
102	7023936	1	Seal Kit - Check Cartridge	
103	7022397	2	Valve, Cartridge (Check)	
103	7022399	2	Seal Kit - Check Cartridge	
104	7023935	1	Valve, Cartridge (Check)	
104	7023936	1	Seal Kit - Check Cartridge	
105	70002063	1	Orifice	
106	7017406	4	Plug	
107	70000781	1	Lock Down Kit	
	1001098503	Ref	FLOW DIVIDER ASSEMBLIES (4WD)	A
201	7023933	1	Valve, Cartridge (Flow Divider)	
201	7021625	1	Seal Kit - Flow Divider Cartridge	
202	70003408	6	Valve, Cartridge (Check)	
202	7022399	6	Seal Kit - Check Cartridge	
203	7023935	1	Valve, Cartridge (Check)	
203	7023936	1	Seal Kit - Check Cartridge	
204	7024892	1	Valve, Cartridge (Check)	
204	7023936	1	Seal Kit - Check Cartridge	
205	7023917	2	Valve, Cartridge (Flow Divider)	
205	7021625	2	Seal Kit - Flow Divider Cartridge	
206	70002063	1	Plug, Orifice	
207	70002064	2	Plug, Orifice	
		Ref	FRAME SHIELDS INSTALLATION	
	1001150994	Ref	2WS	A
	1001150995	Ref	4WS	A
301	0100011	AR	Compound, Locking	
302	0641607	AR	Bolt 3/8in - 16NC x 7/8in	
303	1001150845	1	Cover (Front)	
304	4891600	AR	Flatwasher, 3/8in Hardened	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
305	4280296	AR	Trim	
306	1001150845	1	Cover (Rear) (4WS Only)	
307	83683307	2	Nut, Tinnerman (4WS Only)	
308	0641610	1	Bolt 3/8in - 16NC x 1-1/4in (4WS Only)	

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FIGURE 1-8. TOW PACKAGE INSTALLATION (OPTIONAL)

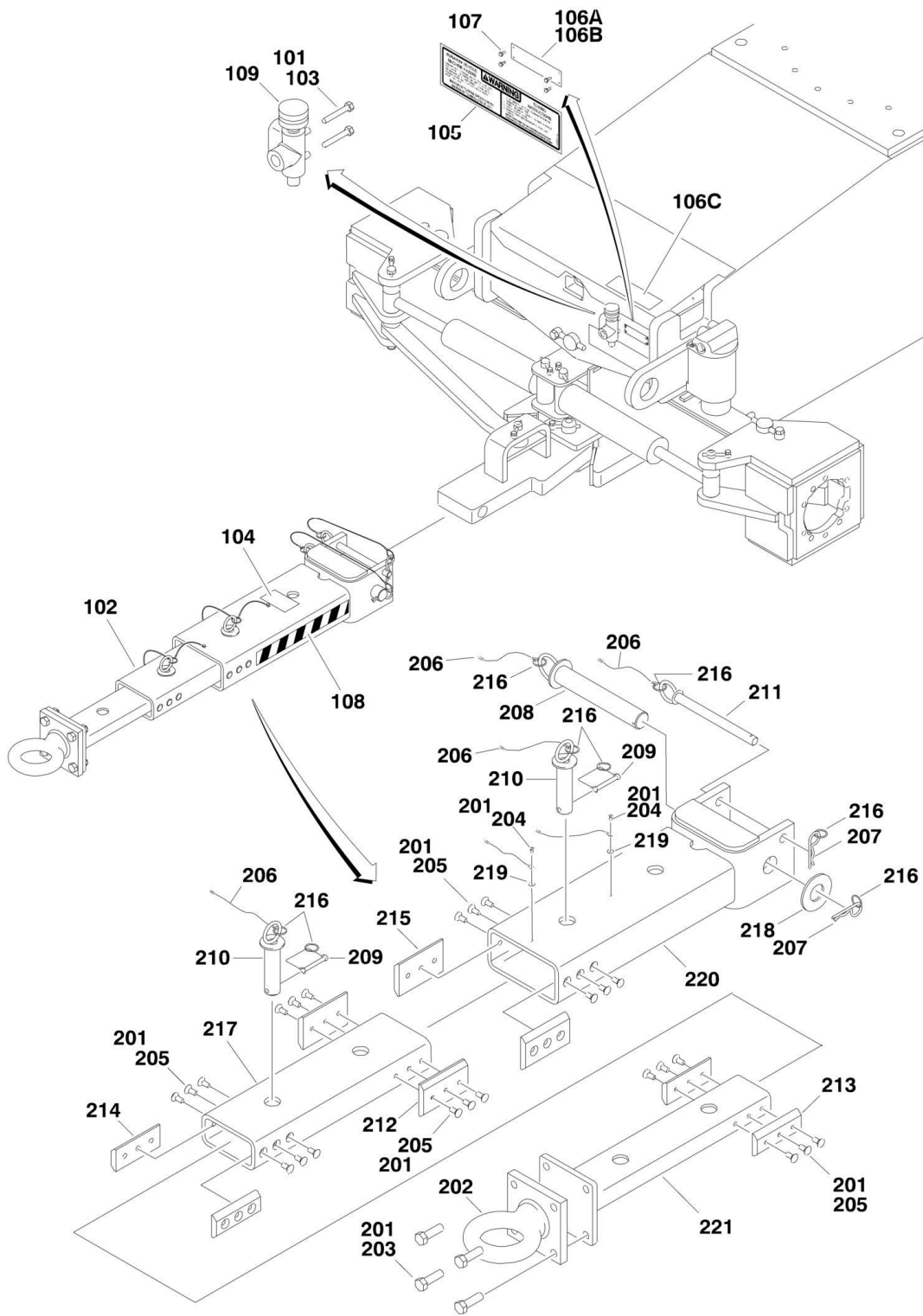


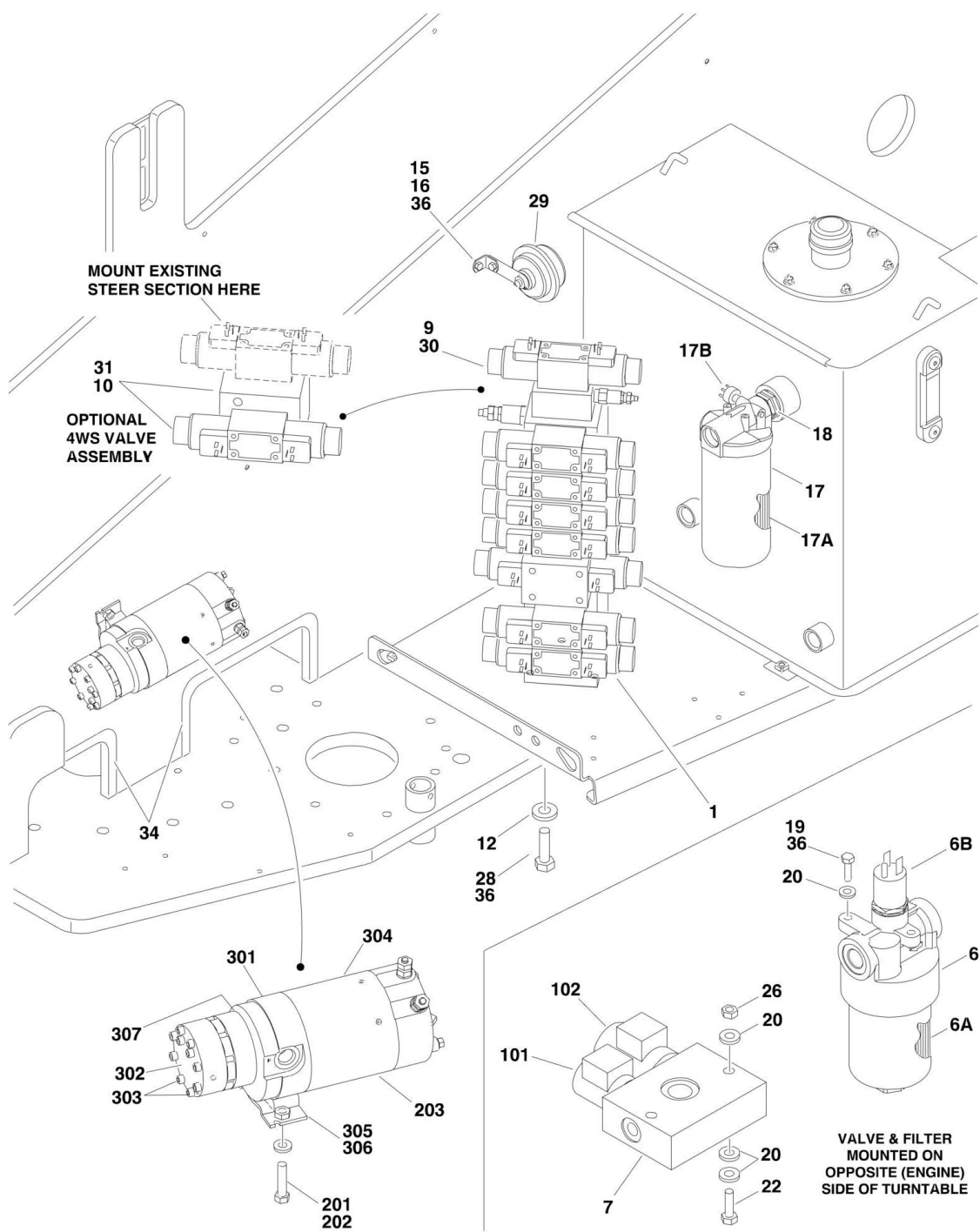
FIGURE 1-8. TOW PACKAGE INSTALLATION (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	TOW PACKAGE INSTALLATION	
		Ref	USA Built Machines:	
	1001150571	Ref	ANSI Spec	C
	1001150570	Ref	CSA Spec	C
	1001150569	Ref	CE Spec	A
		Ref	China Built Machines:	
	1001150571	Ref	ANSI Export Spec	C
101	0100011	AR	Compound, Locking	
102	0270528	1	Bar Assembly (See Items 201-221 for Breakdown)	
103	0641516	2	Bolt 5/16in-18NC x 2in	
104		Ref	Decal - Crushing Options:	
104	1704578	2	ANSI/CSA Spec	
104	1706960	2	CE Spec	
105		Ref	Decal - Towing Instructions Options:	
105	1705090	1	ANSI Spec	
105	1705820	1	CSA Spec	
105	Not Required	1	CE Spec	
106		Ref	Nameplate - Steer/Tow Select Valve Options:	
106A	3250872	1	ANSI Spec	
106B	1704272	1	CSA Spec	
106C	1706957	1	CE Spec	
107		Ref	Screw, Self-Tapping #6-32NF x 1/2in Options:	
107	3940604	4	ANSI/CSA Spec	
107	Not Required	4	CE Spec	
108	4420051	2 ft/.61m	Tape, Safety	
109	4640261	1	Valve, Select	
	0270528	Ref	TOW BAR ASSEMBLY	A
201	0100011	AR	Compound, Locking	
202	0362910	1	Pintle, Draw Eye	
203	0642010	4	Bolt 5/8in-11NC x 1-1/4in	
204	0721004	2	Screw, Hex Machine	
205	0741607	24	Screw, Countersunk 3/8in-16NC x 7/8in	
206	1060584	6	Cable, Lanyard	
207	3420372	2	Pin, Cotter	
208	3420447	1	Pin, Towing	
209	3421565	2	Pin, Snap	
210	3422841	2	Pin	
211	3422847	1	Pin	
212	3572009	2	Plate, Slide Stop	
213	3572010	2	Plate, Slide Stop	
214	3572011	2	Plate, Slide Stop	
215	3572012	2	Plate, Slide Stop	
216	3760170	8	Ring, Split	
217	4568133	1	Tube, Tow Bar	
218	4740036	1	Flatwasher	
219	4751000	2	Flatwasher #10 Regular	
220	4846295	1	Tow Bar Attach Weldment	
221	4846296	1	Pintle Attach Weldment	

SECTION 2 - TURNTABLE

SECTION 2 - TURNTABLE

FIGURE 2-1. CONTROL VALVES INSTALLATIONS



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FIGURE 2-1. CONTROL VALVES INSTALLATIONS

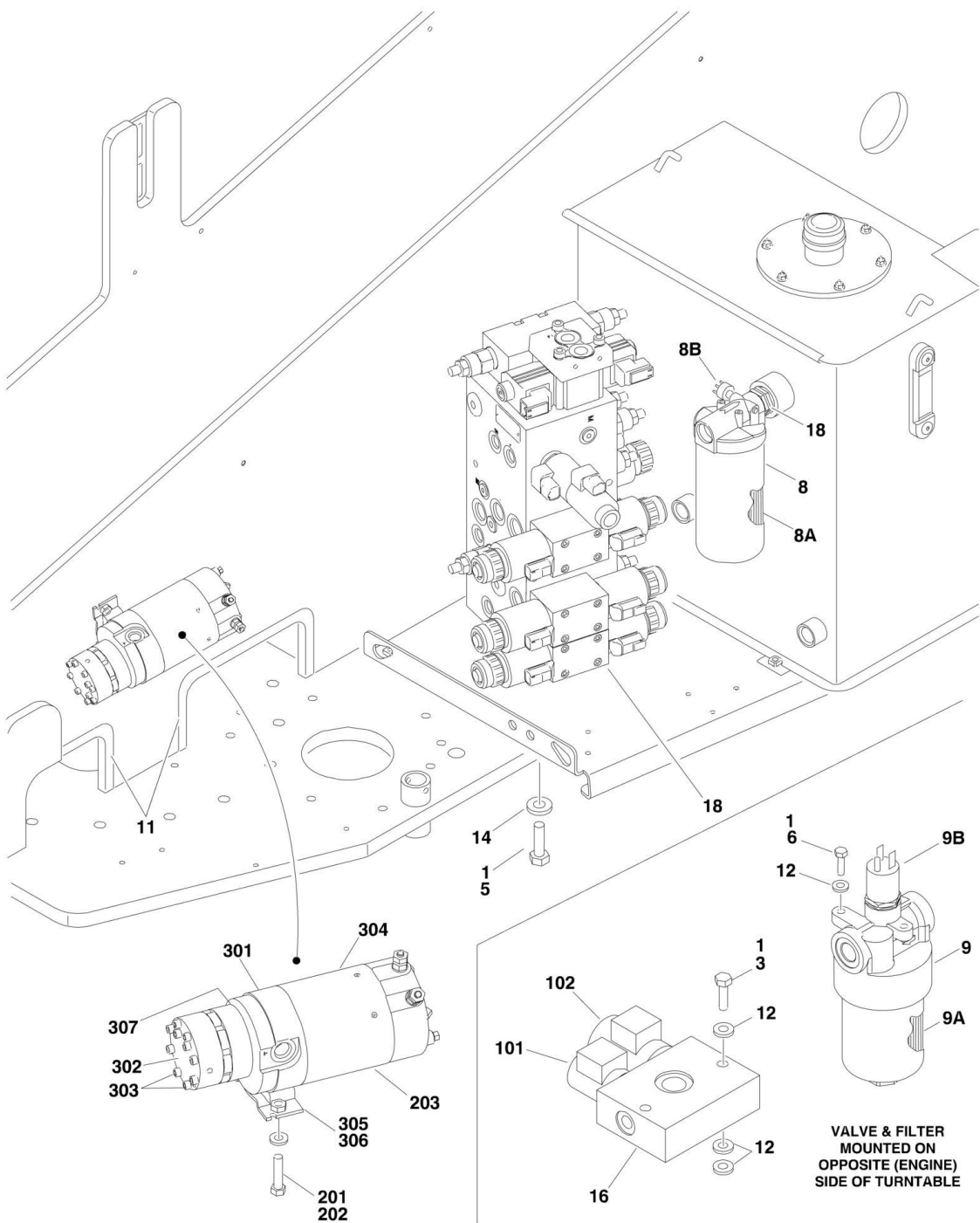
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300171769 through 0300181891)	
		Ref	China Built Machines (SN B300000869 to Present)	
		Ref	CONTROL VALVES INSTALLATIONS	
		Ref	USA Built Machines (SN 0300171769 through 0300181891)	
	1001145279	Ref	Control Valves Installations 600S (2WS)	A
	1001145280	Ref	Control Valves Installations 600S (4WS)	A
	1001145281	Ref	Control Valves Installations 660SJ (2WS)	A
	1001145282	Ref	Control Valves Installations 660SJ (4WS)	A
		Ref	China Built Machines:	
	1001145279	Ref	Control Valves Installations 600S (2WS)	A
	1001145280	Ref	Control Valves Installations 600S (4WS)	A
	1001145281	Ref	Control Valves Installations 660SJ (2WS)	A
	1001145282	Ref	Control Valves Installations 660SJ (4WS)	A
1	1001091303	1	Main Control Valve Assy Options (See MAIN CONTROL VALVE ASSEMBLY for Breakdown)	
6	2120209	1	Hydraulic Pressure Filter Assembly	
6A	2120210	1	Element, Filter	
6B	7020020	1	Indicator, Clogged Filter	
6C	70000934	1	O-Ring, Filter Bowl (Not Shown)	
7	1001099391	1	Valve Assembly (2 Speed/Brake) (See Items 101-103 for Breakdown)	
9		Ref	Valve Kit (Articulating Jib) Options:	
9	Not Required	0	Valve Kit 600S	
9	4640921	1	Valve Kit 660SJ (See ACCESSORY VALVE ASSEMBLY for Breakdown)	
10		Ref	4WS Valve Kit Options:	
10	Not Required	0	2WS Machines	
10	4640922	1	4WS Machines (See ACCESSORY VALVE ASSEMBLY for Breakdown)	
12	4711600	3	Flatwasher 3/8in Thin	
15	4711500	1	Flatwasher 5/16in Thin	
16	3311501	1	Nut 5/16in-18NC	
17	2120164	1	Return Filter Assembly	
17A	2120149	1	Element, Filter	
17B	7020021	1	Switch, Clog Indicator	
19	0651406	3	Bolt 1/4in-28NF x 3/4in	
20	4711400	17	Flatwasher 1/4in Thin	
22	0641416	2	Bolt 1/4in-20NC x 2in	
26	3311405	2	Locknut 1/4in-20NC	
28	0641608	3	Bolt 3/8in-16NC x 1in	
29	0140001	1	Horn	
30		Ref	Harness Assembly (Jib Control) Options (See ELECTRICAL SECTION for Breakdown):	
30	Not Required	0	Harness Assembly 600S	
30	4921927	1	Harness Assembly 660SJ	
31		Ref	Harness Assembly (4WS Control) Options (See ELECTRICAL SECTION for Breakdown):	
31	Not Required	0	2WS Machines	
31	4921928	1	4WS Machines	
34	4060918	40 in/10m	Flex-Trim	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36	0100011	AR	Compound, Locking	A
	1001099391	Ref	VALVE ASSEMBLY (DUAL SELECT BRAKE/2 SPEED)	
101	7012941	1	Cartridge without Coil	
101	7010543	1	Seal Kit - 7012941 Cartridge	
101	7012944	1	Coil	
102	7012995	1	Cartridge without Coil	A
102	7012518	1	Seal Kit - 7012995 Cartridge	
102	7012943	1	Coil	
103	70002209	1	Plug, Orifice (Not Shown - Access to orifice is through port T)	
	1001150423	Ref	AUXILIARY PUMP INSTALLATION	
201	0100011	AR	Compound, Locking	A
202	0811610	2	Bolt 3/8in-16NC x 1-1/4in	
203	1001137458	1	Auxiliary Pump Assembly (See Items 301-307 for Breakdown)	
	1001137458	Ref	AUXILIARY PUMP ASSEMBLY	
301	70003995	1	Base	
302	70003996	1	Pump	
303	70003997	4	Screw 1/4in-20NC x 3in	
304	70003998	1	Motor	
305	70003999	1	Bracket	
306	70004000	2	Screw 3/8in-16NC x 1in	
307	7026330	1	Seal, Shaft	

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FIGURE 2-2. CONTROL VALVES INSTALLATIONS



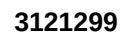
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FIGURE 2-2. CONTROL VALVES INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300181891 to Present)	
		Ref	CONTROL VALVES INSTALLATIONS	
	1001160095	Ref	Control Valves Installations 600S (2WS)	A
	1001160096	Ref	Control Valves Installations 600S (4WS)	A
	1001159731	Ref	Control Valves Installations 660SJ (2WS)	A
	1001160192	Ref	Control Valves Installations 660SJ (4WS)	A
1	0100011	AR	Compound, Locking	
3	0641416	2	Bolt 1/4in-20NC x 2in	
5	0641608	3	Bolt 3/8in-16NC x 1in	
6	0651406	3	Bolt 1/4in-28NF x 3/4in	
8	2120164	1	Return Filter Assembly	
8A	2120149	1	Element, Filter	
8B	7020021	1	Switch, Clog Indicator	
9	2120209	1	Hydraulic Pressure Filter Assembly	
9A	2120210	1	Element, Filter	
9B	7020020	1	Indicator, Clogged Filter	
9C	70000934	1	O-Ring, Filter Bowl (Not Shown)	
11	4060918	40 in/10m	Flex-Trim	
12	4711400	15	Flatwasher 1/4in Thin	
14	4711600	3	Flatwasher 3/8in Thin	
16	1001099391	1	Valve Assembly (2 Speed/Brake) (See Items 101-103 for Breakdown)	
18		Ref	Main Control Valve Assy Options (See MAIN CONTROL VALVE ASSEMBLY for Breakdown):	
18	1001152886	1	Main Control Valve Assy 600S (2WS) & 660SJ (2WS)	
18	1001152560	1	Main Control Valve Assy 600S (4WS) & 660SJ (4WS)	
	1001099391	Ref	VALVE ASSEMBLY (DUAL SELECT BRAKE/2 SPEED)	A
101	7012941	1	Cartridge without Coil	
101	7010543	1	Seal Kit - 7012941 Cartridge	
101	7012944	1	Coil	
102	7012995	1	Cartridge without Coil	
102	7012518	1	Seal Kit - 7012995 Cartridge	
102	7012943	1	Coil	
103	70002209	1	Plug, Orifice (Not Shown - Access to orifice is through port T)	
	1001150423	Ref	AUXILIARY PUMP INSTALLATION	A
201	0100011	AR	Compound, Locking	
202	0811610	2	Bolt 3/8in-16NC x 1-1/4in	
203	1001137458	1	Auxiliary Pump Assembly (See Items 301-307 for Breakdown)	
	1001137458	Ref	AUXILIARY PUMP ASSEMBLY	A
301	70003995	1	Base	
302	70003996	1	Pump	
303	70003997	4	Screw 1/4in-20NC x 3in	
304	70003998	1	Motor	
305	70003999	1	Bracket	
306	70004000	2	Screw 3/8in-16NC x 1in	
307	7026330	1	Seal, Shaft	

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660SJ/600S



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FIGURE 2-3. MAIN CONTROL VALVE ASSEMBLY

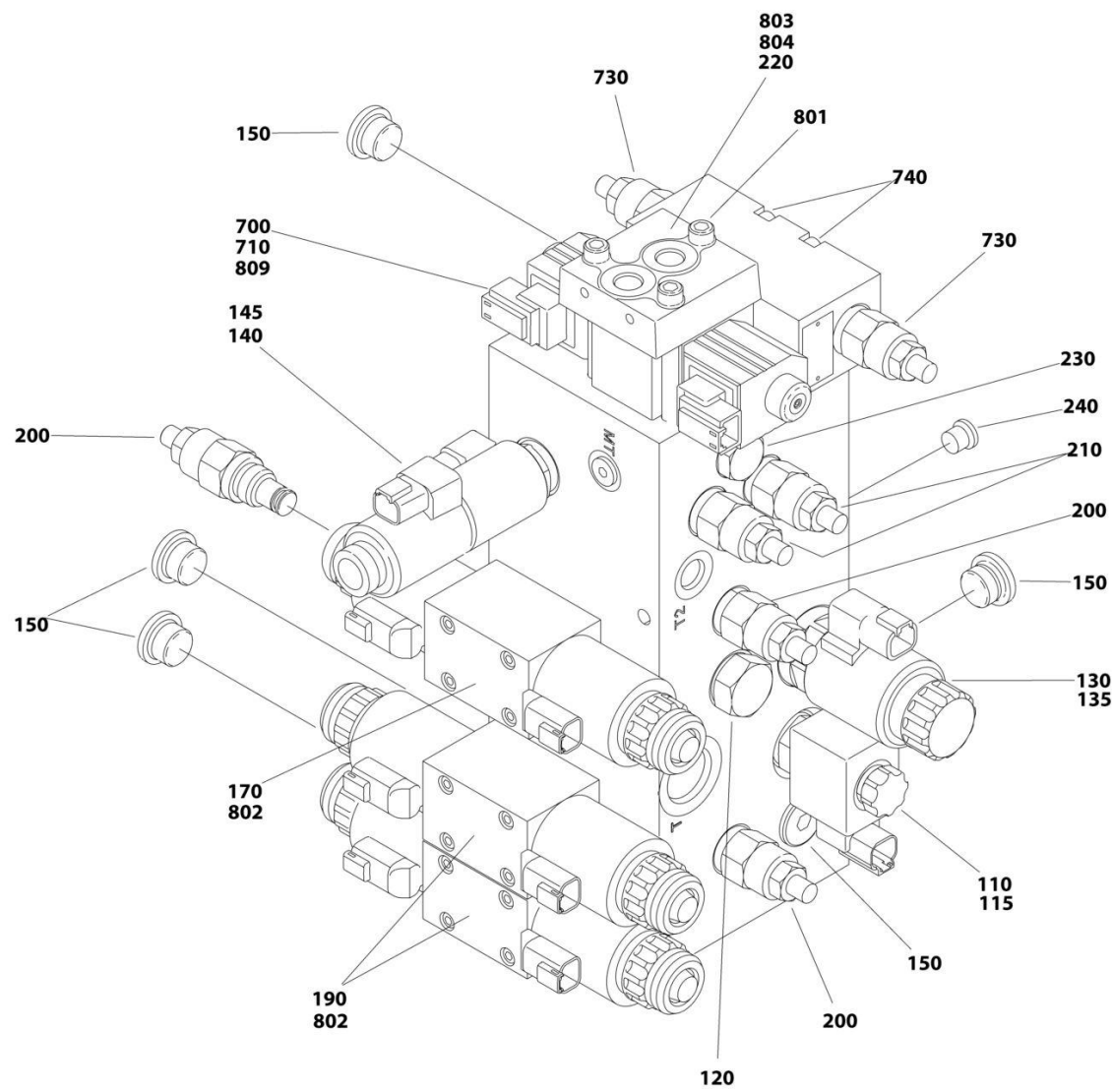
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	A
		Ref	USA Built Machines (SN 0300171769 through 0300181891)	
		Ref	China Built Machines (SN B300000869 to Present)	
	1001091303	Ref	MAIN CONTROL VALVE ASSEMBLIES	
1	7017410	1	Cartridge, Without Coil	
1	7012967	1	Seal Kit - 7017410 Cartridge	
1A	7012944	1	Coil	
2	7017464	1	Cartridge, Pressure Sensing	
2	7012518	1	Seal Kit	
3	7012912	1	Cartridge (Main Relief)	
3	7012998	1	Seal Kit	
4	70001976	1	Control Valve Assembly (Platform Level)	
4	7012773	1	Seal Kit	
4A	7018991	2	Coil	
4A	7018912	2	Nut, Coil	
5	7012914	1	Cartridge, Check Valve	
5	7012918	1	Seal Kit - 7012914 Cartridge	
6	7012914	1	Cartridge, Check Valve	
6	7012918	1	Seal Kit - 7012914 Cartridge	
7	7012912	1	Cartridge, Relief Valve (Platform Level Backward)	
7	7012998	1	Seal Kit - 7012912 Cartridge	
8	7012912	1	Cartridge, Relief Valve (Platform Level Forward)	
8	7012998	1	Seal Kit - 7012912 Cartridge	
9	7012989	1	Cartridge, Flow Control	
9	7012953	1	Seal Kit - 7012989 Cartridge	
10	70001976	1	Control Valve Assembly (Platform Rotate)	
10	7012773	1	Seal Kit	
10A	7018991	2	Coil	
10A	7018912	2	Nut, Coil	
11	70000579	1	Control Valve Assembly (Upper Tele):	
11	70000583	1	Seal Kit Options	
11A	70000582	1	Coil	
11A	70000580	1	Nut, Coil	
12	7012775	1	Control Valve Assembly (Flow Control)	
12	7012773	1	Seal Kit	
12A	7012772	2	Coil	
12A	7018912	2	Nut, Coil	
12A	7024015	2	Pipe, Pole	
13	7010542	1	Cartridge, Shuttle	
13	7010543	1	Seal Kit - 7010542 Cartridge	
14	7010542	1	Cartridge, Shuttle	
14	7010543	1	Seal Kit - 7010542 Cartridge	
15	7010542	1	Cartridge, Shuttle	
15	7010543	1	Seal Kit - 7010542 Cartridge	
16	7010542	1	Cartridge, Shuttle	
16	7010543	1	Seal Kit - 7010542 Cartridge	
17	7010542	1	Cartridge, Shuttle	
17	7010543	1	Seal Kit - 7010542 Cartridge	
18	7012912	1	Cartridge, Relief Valve (Upper Lift Down)	
18	7012998	1	Seal Kit - 7012912 Cartridge	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	7012775	1	Control Valve Assembly (Upper Lift)	A
19	7012773	1	Seal Kit	
19A	7012772	2	Coil	
19A	7018912	2	Nut, Coil	
19A	7024015	2	Pipe, Pole	
20	7012775	1	Control Valve Assembly (Swing)	
20	7012773	1	Seal Kit	
20A	7012772	2	Coil	
20A	7018912	2	Nut, Coil	
20A	7024015	2	Pipe, Pole	
21	7012912	1	Cartridge, Relief Valve (Swing)	
21	7012998	1	Seal Kit - 7012912 Cartridge	
22	7012774	1	Control Valve Assembly (Steer)	
22	7012773	1	Seal Kit	
22A	7012772	2	Coil	
22A	7018912	2	Nut, Coil	
22A	7024014	2	Pipe, Pole	
23	7012912	1	Cartridge, Relief Valve (Steer Left)	
23	7012998	1	Seal Kit - 7012912 Cartridge	
24	7012912	1	Cartridge, Relief Valve (Steer Right)	
24	7012998	1	Seal Kit - 7012912 Cartridge	
25	7018941	2	Orifice	
30	4460499	15	Connector, Din with Diode (Part of Valve Harness)	
31	2220885	2	Plug	
	2901763	Ref	ROTATE SANDWICH VALVE KIT	
51	7021310	1	Block, Valve	

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FIGURE 2-4. MAIN CONTROL VALVE ASSEMBLY



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FIGURE 2-4. MAIN CONTROL VALVE ASSEMBLY

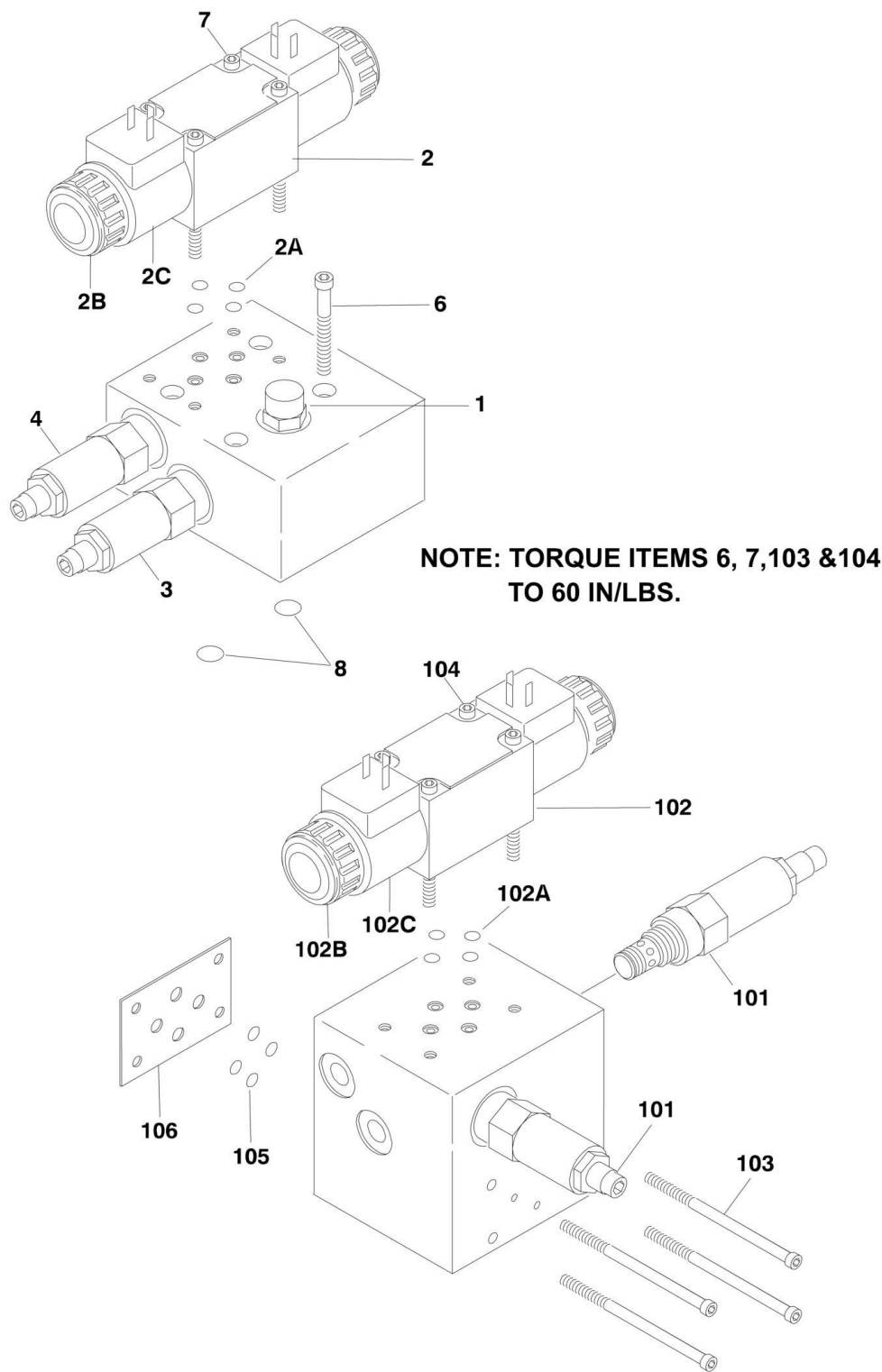
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300181891 to Present)	
		Ref	MAIN CONTROL VALVE ASSEMBLIES	
	1001152886	Ref	Main Control Valve Assemblies 600S (2WS) & 660SJ (2WS)	B
	1001152560	Ref	Main Control Valve Assemblies 600S (4WS) & 660SJ (4WS)	C
110	70004652	1	Cartridge, Valve Less Coil (Dump)	
110	70023867	1	Seal Kit - 70004652 Valve	
115	70004653	1	Coil	
115	70004654	1	Nut, Coil	
120	70004655	1	Cartridge, Valve	
120	70004656	1	Seal Kit - 70004655 Valve	
130	70004657	1	Valve, Cartridge Less Coil	
130	70004594	1	Seal Kit - 70004657 Valve	
135	70004595	1	Coil	
135	70004597	1	Nut, Coil	
135	70004596	1	O-Ring, Solenoid Tube	
140	70004659	1	Valve, Solenoid Less Cartridge (Front Steer)	
140	70004660	1	Seal Kit - 70004660 Valve	
145	80434249	2	Coil	
145	70004661	1	Nut, Coil	
145	70024457	1	O-Ring, Solenoid Tube (Upper)	
145	70004662	1	O-Ring, Solenoid Tube (Lower)	
150	70023859	5	Valve, Cartridge	
170	70004459	1	Valve, Directional Control (Telescope)	
170	7012773	1	Seal Kit - 70004459 Valve	
170	70004460	2	Coil	
170	7021375	2	Nut, Coil	
170	70004461	2	O-Ring, Solenoid Tube	
190	70004666	2	Valve, Directional Control (Lift & Swing)	
190	7012773	2	Seal Kit - 70004666 Valve (1 Per Assy)	
190	70004463	4	Coil (2 Per Assy)	
190	7021375	4	Nut, Coil (2 Per Assy)	
190	70004461	1	O-Ring, Solenoid Tube (2 Per Assy)	
200	70003019	3	Valve, Cartridge	
200	70004052	3	Seal Kit - 70003019 Valve (1 Per Valve)	
210	70003019	2	Valve, Cartridge	
210	70004052	2	Seal Kit - 70003019 Valve (1 Per Valve)	
220	70004667	1	Plate, Cover	
230	70004670	1	Plug	
240	70004668	1	Plug	
700	70004671	1	Valve, Directional Control (Rear Steer) (4WS Machines Only)	
700	70004672	1	Seal Kit - 70004671 Valve	
710	70004673	2	Coil	
730	70004674	2	Valve, Cartridge	
740	See Note	4	Capscrew M5 x 60 (Note: Not Available - Purchase Locally)	
801	See Note	1	Bolt Kit	
802	3931032	12	Capscrew #10-24 X 2	
803	See Note	2	O-Ring (Note: Not Available for Purchase)	
804	See Note	1	O-Ring (Note: Not Available for Purchase)	
805	See Note	4	Plug #4 (Not Shown) (Note: Not Available for Purchase)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
806	See Note	4	Plug #6 (Not Shown) (Note: Not Available for Purchase)	
807	See Note	1	Plug #8 (Not Shown) (Note: Not Available for Purchase)	
809	See Note	2	O-Ring (Note: Not Available for Purchase)	

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FIGURE 2-5. ACCESSORY VALVE ASSEMBLY



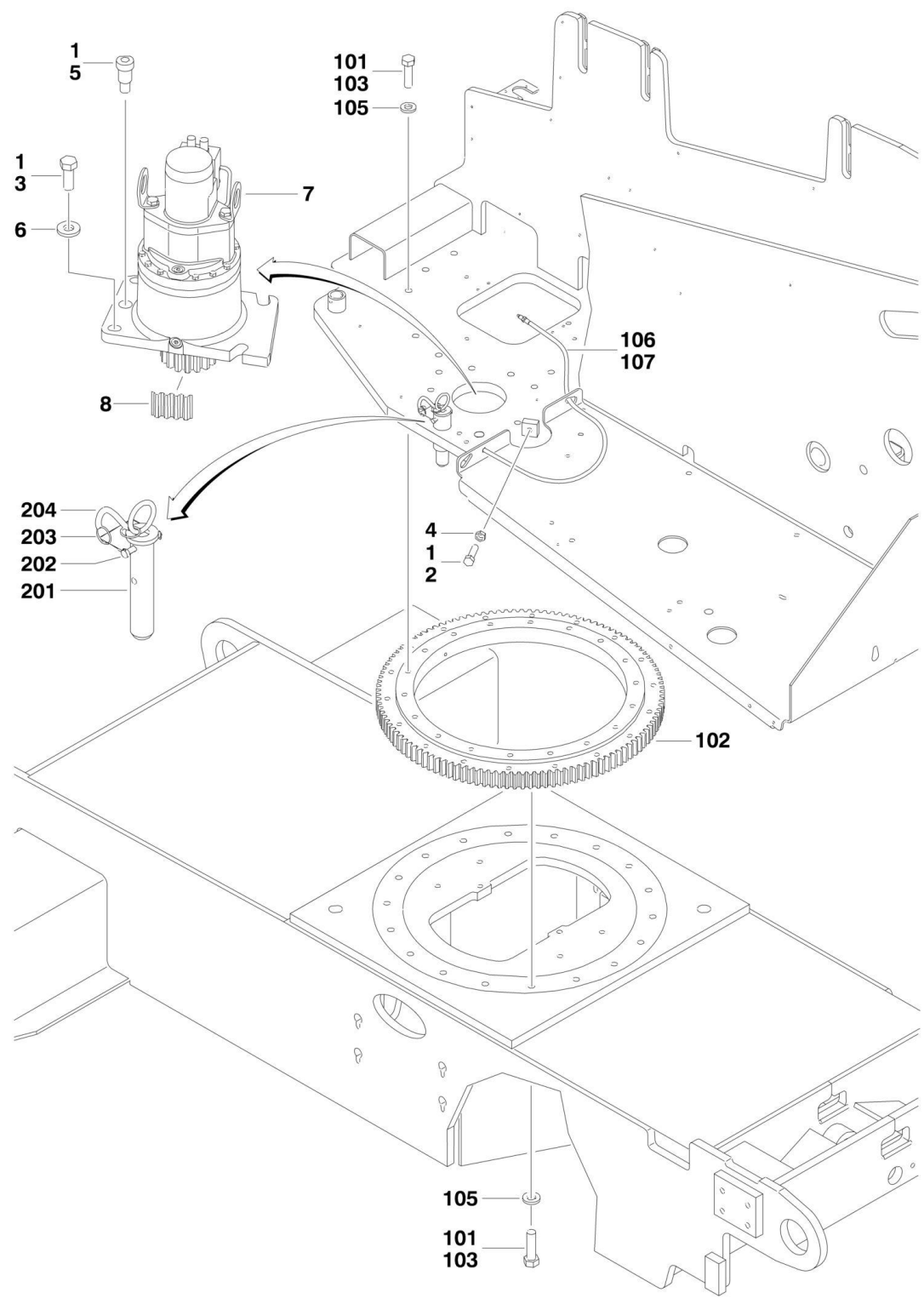
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FIGURE 2-5. ACCESSORY VALVE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	ACCESSORY VALVE ASSEMBLIES	
	4640921	Ref	ARTICULATING JIB VALVE ASSEMBLY	D
1	7012965	1	Cartridge, Flow Control	
1	7012953	1	Seal Kit - 7012965 Cartridge	
2	70001976	1	Directional Control Valve Assembly	
2	7012773	1	Seal Kit	
2A	7018945	4	O-Ring	
2B	7018912	2	Nut	
2C	7012772	2	Coil	
3	7017421	1	Cartridge, Relief	
3	7012998	1	Seal Kit - 7017421 Cartridge	
4	7017422	1	Cartridge, Relief	
4	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	
101	7012998	1	Seal Kit - 7017420 Cartridge	
102	7012774	1	Directional Control Valve Assembly	
102	7012773	1	Seal Kit	
102A	7018945	4	O-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	

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FIGURE 2-6. SWING DRIVE, TURNTABLE BEARING AND LOCK INSTALLATIONS



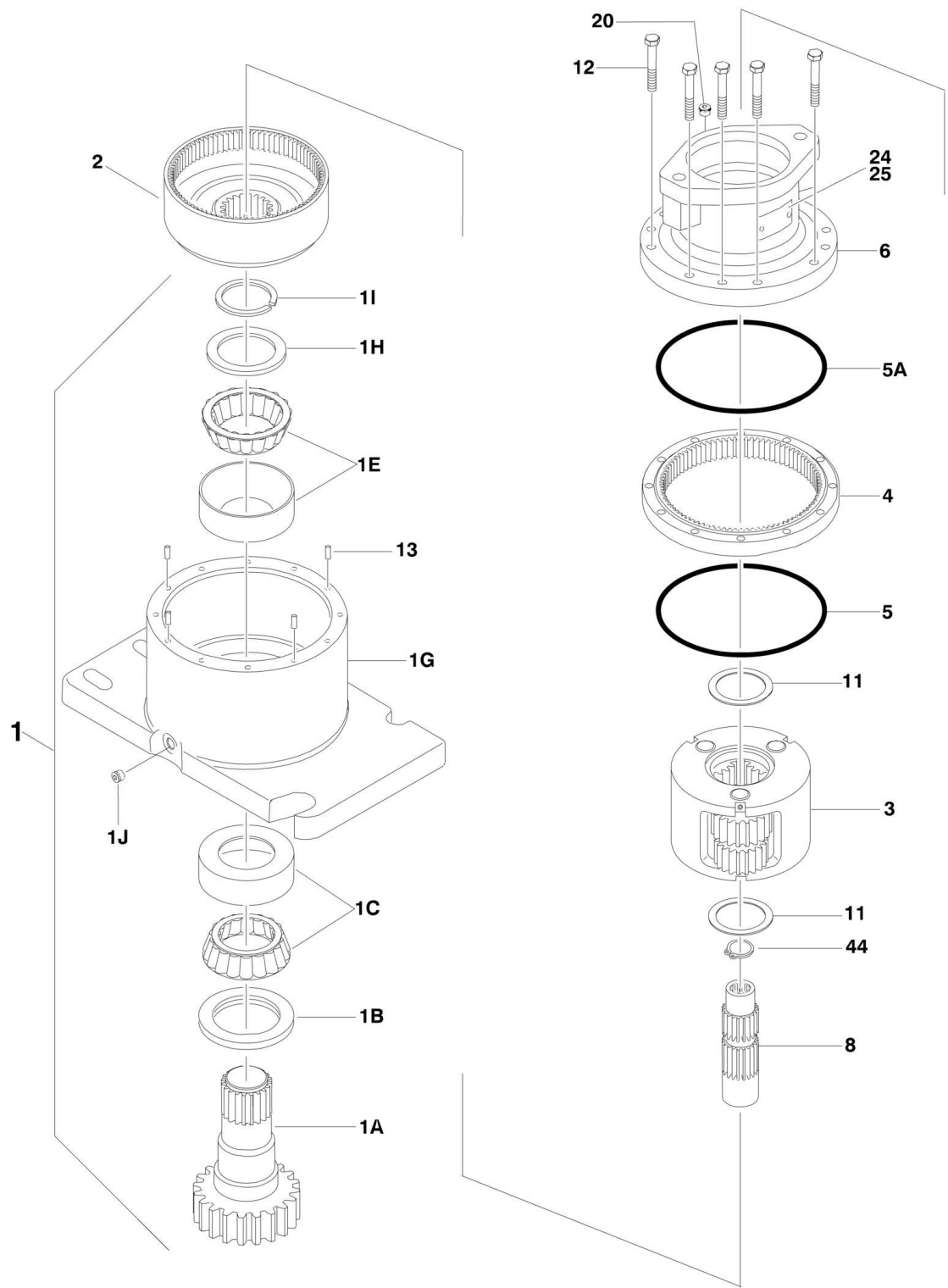
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FIGURE 2-6. SWING DRIVE, TURNTABLE BEARING AND LOCK INSTALLATIONS

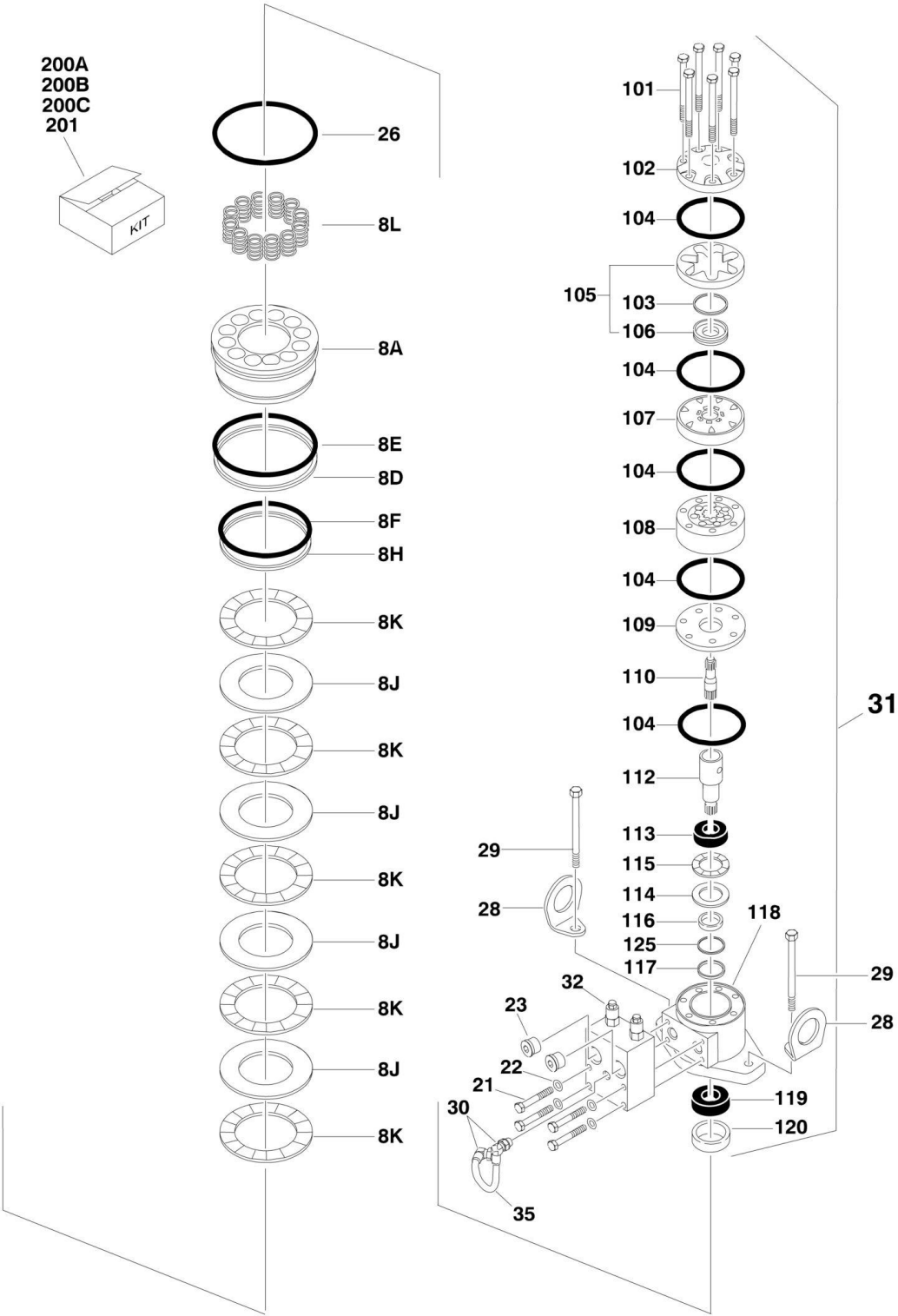
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150390	Ref	SWING DRIVE INSTALLATION	D
1	0100019	AR	Compound, Locking	
2		Ref	Bolt Options:	
2		Ref	USA Built Machines	
2	0642018	1	Bolt 5/8in - 11NC x 2-1/4in (SN 0300171769 through 0300179726)	
2	0682018	1	Bolt 5/8in - 11NC x 2-1/4in (Grade 8) (SN 0300179727 to Present)	
2	0682018	1	China Built Machines (Bolt 5/8in - 11NC x 2-1/4in (Grade 8)	
3	0682216	4	Bolt 3/4in - 10NC x 2in Grade 8	
4	3312002	1	Nut, Jam 5/8in - 11NC	
5	3900293	1	Capscrew 1in x 1-1/4in	
6	4740057	4	Flatwasher, Hardened	
7	1001101060	1	Swing Hub Assembly (See SWING MOTOR/HUB ASSEMBLY for Breakdown)	
8	4071009	1	Shim	
	1001150391	Ref	TURNTABLE BEARING AND REMOTE LUBE INSTALLATION	C
101	0100019	AR	Compound, Locking	
102	0440207	1	Bearing, Turntable	
103	0682018	36	Bolt 5/8in - 11NC x 2-1/4in Grade 8	
104	3020029	AR	Lubricant	
105	4892000	36	Flatwasher 5/8in Hardened	
106	0100011	AR	Compound, Locking	
107	1001149927	1	Hose (Includes Grease Fitting and Adapter Fittings)	B
	1001151203	Ref	TURNTABLE LOCK INSTALLATION	
201	3421627	1	Pin	
202	3421565	1	Pin, Snap	
203	3760170	2	Ring, Quick Release	
204	1260017	9 in/23cm	Chain	

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FIGURE 2-7. SWING MOTOR/HUB ASSEMBLY



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FIGURE 2-7. SWING MOTOR/HUB ASSEMBLY

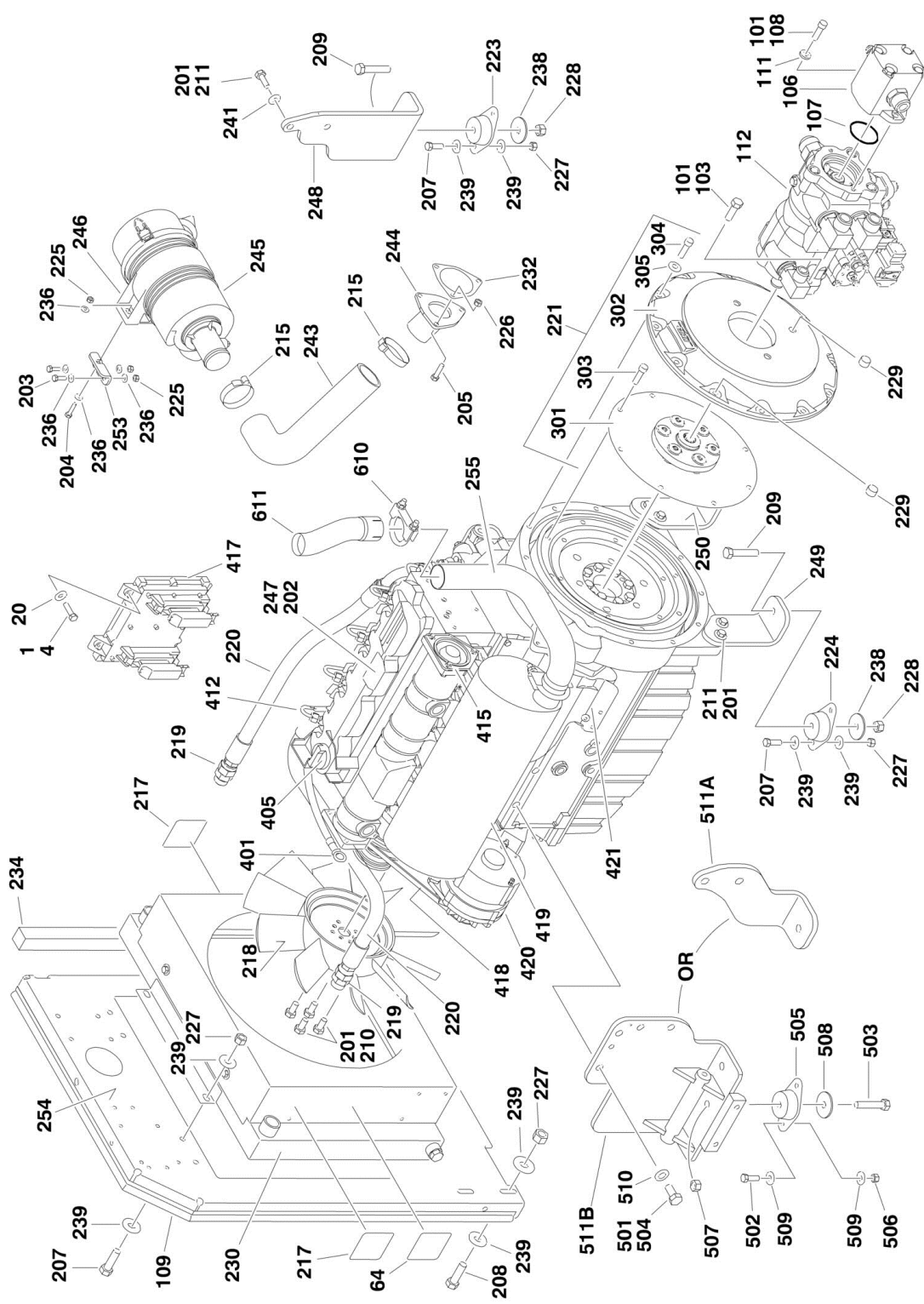
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001101060	Ref	SWING MOTOR/HUB ASSEMBLY	A
1	See Note	1	Housing/Shaft Assembly (Note: Not Available - Purchase Individual Components.)	
1A	7010492	1	Shaft, Output	
1B	7000228	1	Seal, Lip	
1C	7000255	1	Bearing Kit (Includes Cup and Cone)	
1E	7000257	1	Bearing Kit (Includes Cup and Cone)	
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	1001101060	1	Housing, Brake (Note: Not Available - Purchase Complete Assy)	
8	70002065	1	Gear, Sun	
8A	70000782	1	Piston	
8D	70002070	1	O-Ring	
8E	70002071	1	Ring, Back-up	
8F	70002073	1	O-Ring	
8H	70002072	1	Ring, Back-up	
8J	70002067	4	Disc, Rotor	
8K	70002068	5	Disc, Stator	
8L	70002066	14	Spring	
11	7000253	2	Washer, Thrust	
12	7000217	12	Bolt 3/8in-16NC x 2-1/4in (Grade 8)	
13	7017080	4	Pin, Dowel	
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	
28	See Note	2	Lug, Lifting (Note: Not Available for Purchase.)	
29	70002069	2	Bolt 1/2in-13NC x 2in (Grade 8)	
30	7017085	2	Elbow	
31	70002075	1	Motor Assembly (See Items 101-125 for Breakdown)	
32	7024784	1	Valve Assembly - Complete (No Serviceable Parts)	
35	70002074	1	Tube	
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	7024453	1	Ring	

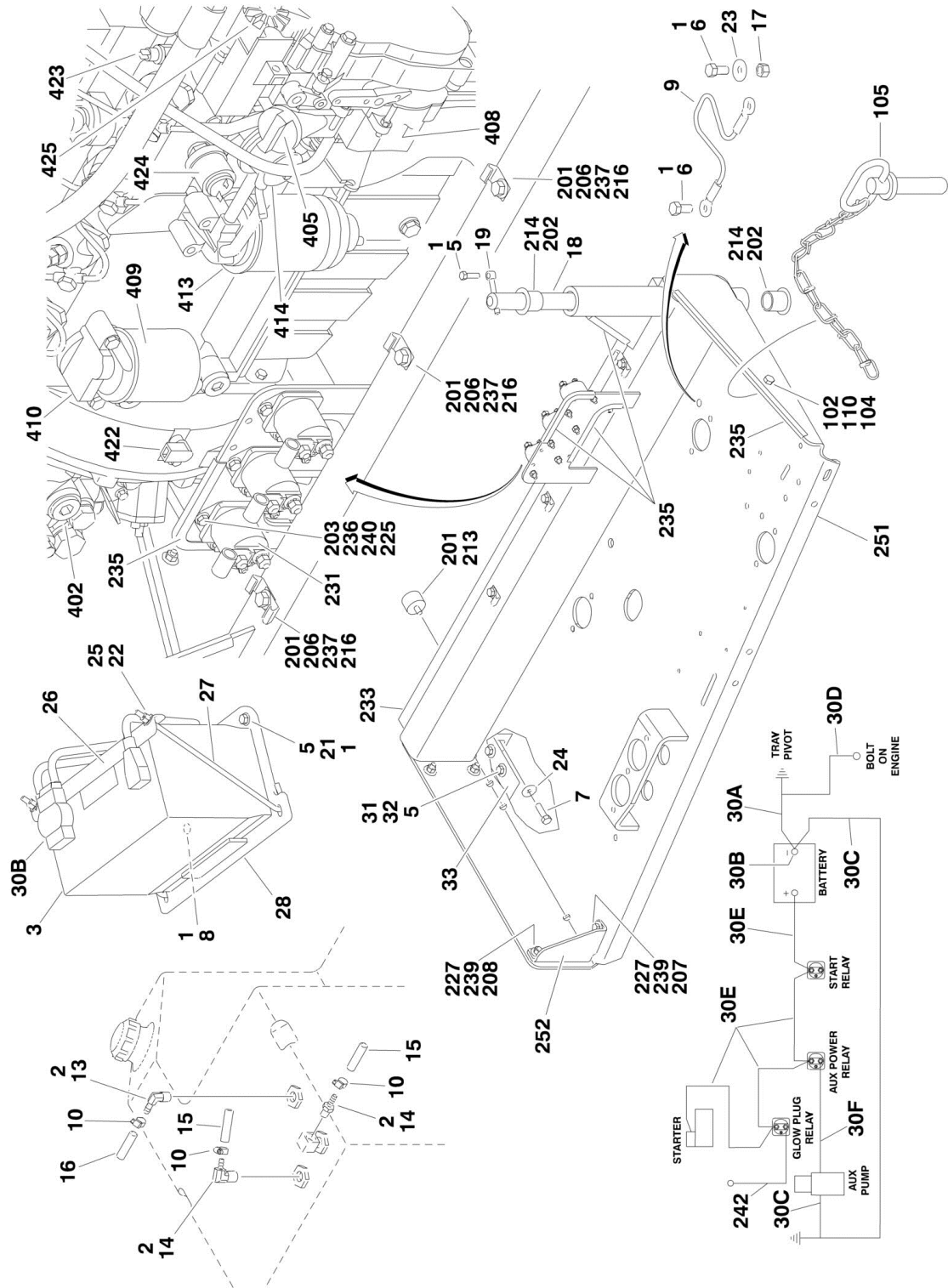
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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
107	7024379	1	Manifold	
108	7024455	1	Rotor Set	
109	7024380	1	Plate, Wear	
110	7024456	1	Link, Drive	
112	7024458	1	Shaft, Coupling	
113	7024381	1	Bearing, Inner	
114	7004043	1	Washer, Thrust	
115	7004044	1	Bearing, 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	
125	80424043	1	Washer, Back-up	
		Ref	KIT OPTIONS:	
200		Ref	Seal Kit Options:	
200A	7024100	1	Swing Hub (Includes Items 1B, 1I, 5, 5A & 11)	
200B	70002086	1	Swing Brake (Includes Items 8D, 8E, 8F, 8H & 26)	
200C	7024396	1	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 2-8. DEUTZ D2011 ENGINE INSTALLATION





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FIGURE 2-8. DEUTZ D2011 ENGINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DEUTZ D2011 ENGINE INSTALLATIONS	
		Ref	USA Built Machines:	
		Ref	2WD	
	1001151341	Ref	Tier IVi Engines (All Specs Except ANSI and CSA Specs)	B
	1001151636	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	A
		Ref	4WD Without Arctic Package	
	1001151342	Ref	Tier IVi Engines (All Specs Except ANSI and CSA Specs)	B
	1001151637	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	A
		Ref	4WD With Arctic Package	
	1001151343	Ref	Tier IVi Engines (ANSI Export Specs)	B
	1001151638	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	A
		Ref	China Built Machines:	
		Ref	2WD	
	1001151341	Ref	Tier IVi Engines (All Specs)	B
		Ref	4WD Without Arctic Package	
	1001151342	Ref	Tier IVi Engines (All Specs)	B
		Ref	4WD With Arctic Package	
	1001151343	Ref	Tier IVi Engines (ANSI Export Specs)	B
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe (Not Shown)	
3	0400075	1	Battery	
4	0641410	4	Bolt 1/4in-20NC x 1-1/4in	
5	0641610	1	Bolt 3/8in-16NC x 1-1/4in	
6	0641808	2	Bolt 1/2in-13NC x 1in	
7	0642010	1	Bolt 5/8in-11NC x 1-1/4in	
8	0741610	1	Screw, Countersunk 3/8in-16NC x 1-1/4in	
9	1060637	1	Cable, Lanyard	
10	1320022	5	Clamp, Hose	
11	1701505	1	Decal - Diesel (Not Shown - Located on Hood)	
12	2180348	1	Fitting, Straight Barbed	
13	2220313	1	Fitting, 90	
14	2221176	1	Fitting, 90 Barbed	
15	2720058	26 ft/7.9m	Hose	
16	2750532	6 ft/1.8m	Hose	
17	3311801	1	Nut 1/2in-13NC	
18	3422446	1	Pin, Pivot	
19	3841143	1	Pin, Keeper	
20	4711400	4	Flatwasher 1/4in Thin	
21	4751400	AR	Flatwasher 1/4in Regular	
22	4751500	2	Flatwasher 5/16in Regular	
23	4751800	1	Flatwasher 1/2in Regular	
24	4752000	1	Flatwasher 5/8in Regular	
25	88521205	2	Locknut 5/16in-18NC	
26	91401281	1	Hold-down, Battery	
27	1001093382	2	J-Bolt	
28	1001144040	1	Plate, Battery Hold-down	
30	1001151565	1	Battery Cable Kit	A
30A	7027051	1	Cable, Battery (Black) (Battery - to Tray Pivot/Relay Grd)	
30B	8270147	1	Terminal, Battery (with Boot)	
30C	7027052	1	Cable, Battery (Black) (Battery - to Aux Pump Grd)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
30D	7027053	1	Cable, Battery (Black) (Engine Grd to Tray Pivot Grd)	
30E	7027054	1	Cable (Red) (Battery + to Relays/Starter)	
30F	7027055	1	Cable (Red) (Aux Relay to Aux Pump)	
31	3311605	2	Locknut 3/8in-16NC	
32	4751600	4	Flatwasher 3/8in Regular	
33	1001151070	1	Angle, Mounting	
		Ref	Note: Arctic Package Items (Used on Arctic Machines Only) - Items 51 - 61 Not Shown.	
51	1060625	1	Cable, Immersion Heater (Located on bottom of Hydraulic Oil Tank)	
52	1060626	1	Cord, 3 Way Extension (Located on Left Front of Engine)	
53	1320223	2	Clamp (Located on Right Front of Engine Tray)	
54	1702941	1	Decal - Battery Heater (Located on Battery Heater)	
55	1702942	1	Decal - Engine Block Heater (Located on Right Side of Engine)	
56	1702943	1	Decal - Hydraulic Tank Heater (Located on bottom of Hydraulic Oil Tank)	
57	1702944	1	Decal - Heater Cord (Located on Left Front of Engine)	
58	2580024	1	Heater, Battery (Located on Battery)	
59	2580050	1	Heater, Hydraulic Tank (Located on bottom of Hydraulic Oil Tank)	
60	3980007	1	Seat, Battery (Located on Battery)	
61	1001150918	1	Cord, 8ft Extension (Located at Battery)	
61	0641608	1	Bolt 3/8in-16NC x 1in	
61	1060625	1	Cable, Immersion Heater (Located on bottom of Hydraulic Oil Tank)	
64		Ref	Decal - Warning Explosion/Fire Options:	
64	1704972	1	ANSI Spec	
64	1706098	1	Australian and CE Spec	
64	1706059	1	Brazilian Spec	
64	1706060	1	Chinese Spec	
64	1706064	1	CSA Spec	
64	1706062	1	Japanese Spec	
64	1706061	1	Korean Spec	
64	1706063	1	Spanish Language	
		Ref	ENGINE AND PUMP ASSEMBLIES	
		Ref	USA Built Machines:	
		Ref	2WD	
	1001150156	Ref	Tier IVi Engines (All Specs Except ANSI and CSA Specs)	B
	1001151633	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	A
		Ref	4WD Without Arctic Package	
	1001150155	Ref	Tier IVi Engines (All Specs Except ANSI and CSA Specs)	B
	1001151632	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	A
		Ref	4WD With Arctic Package	
	1001150154	Ref	Tier IVi Engines (ANSI Export Specs)	B
	1001151634	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	A
		Ref	China Built Machines:	
		Ref	2WD	
	1001150156	Ref	Tier IVi Engines (All Specs)	B
		Ref	4WD Without Arctic Package	
	1001150155	Ref	Tier IVi Engines (All Specs)	B
		Ref	4WD With Arctic Package	
	1001150154	Ref	Tier IVi Engines (ANSI Export Specs)	B

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
101	0100011	AR	Compound, Locking	
102	0641407	1	Bolt 1/4in-20NC x 7/8in	
103	0641812	2	Bolt 1/2in-13NC x 1-1/2in	
104	3311405	1	Locknut 1/4in-20NC	
105	3422532	1	Pin, Hitch	
106	3600395	1	Gear Pump Assembly with Fittings (See GEAR PUMP ASSEMBLY for Breakdown)	
107	3790152	1	O-Ring	
108	3931620	2	Capscrew 3/8in-16NC x 1-1/4in	
109	3960389	5 ft/1.5m	Seal	
110	4751400	1	Flatwasher 1/4in Regular	
111	4891600	2	Flatwasher 3/8in Hardened	
112		Ref	Piston Pump Assembly with Fittings Options (See PISTON PUMP ASSEMBLY for Breakdown):	
112	3600394	1	2WD	
112	1001117799	1	4WD	
		Ref	ENGINE ASSEMBLIES	
		Ref	USA Built Machines:	
		Ref	Machines Without Arctic Package	
	1001150158	Ref	Tier IVi Engines (All Specs Except ANSI and CSA Specs)	C
	1001151631	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	B
		Ref	Machines With Arctic Package	
	1001150179	Ref	Tier IVi Engines (ANSI Export Specs)	C
	1001151635	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	C
		Ref	China Built Machines:	
		Ref	Machines Without Arctic Package	
	1001150158	Ref	Tier IVi Engines (All Specs)	C
		Ref	Machines With Arctic Package	
	1001150179	Ref	Tier IVi Engines (ANSI Export Specs)	C
201	0100011	AR	Compound, Locking	
202	0100062	AR	Compound, Locking	
203	0641407	8	Bolt 1/4in-20NC x 7/8in	
204	0641409	2	Bolt 1/4in-20NC x 1-1/8in	
205	0641510	3	Bolt 5/16in-18NC x 1-1/4in	
206	0641606	3	Bolt 3/8in-16NC x 3/4in	
207	0641609	14	Bolt 3/8in-16NC x 1-1/8in	
208	0641610	4	Bolt 3/8in-16NC x 1-1/4in	
209	0641820	3	Bolt 1/2in-13NC x 2-1/2in	
210	0700808	4	Bolt 8mm x 16mm	
211	0771414	AR	Bolt 14mm x 30mm Grade 10.9	
213	0940070	1	Bumper	
214	0961986	2	Bushing, Flanged	
215	1320016	2	Clamp	
216	1320223	4	J-Clip	
217	1703162	2	Decal - Caution Fan Blade	
218	2060025	1	Fan	
219	2220451	2	Fitting, Straight	
220	2720398	2	Hose, Oil Cooler	
221	2902065	1	Pump Coupling Kit (See Items 301-303 for Breakdown)	
222		Ref	Oil, Motor Options (Not Shown)	
222	3020016	3.75 gal/14.2L	Without Arctic Package	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
222	3020044	3.75 gal/14.2L	With Arctic Package	
223	3200401	1	Mount, Motor	
224	3200406	2	Mount, Motor	
225	3311405	10	Locknut 1/4in-20NC	
226	3311505	3	Locknut 5/16in-18NC	
227	3311605	10	Locknut 3/8in-16NC	
228	3311805	3	Locknut 1/2in-13NC	
229	3520054	2	Plug, Hole	
230	1001150998	1	Radiator	
231	3740067	3	Relay	
232	3960407	1	Gasket, Air Intake	
233	3960468	1	Seal	
234	3960469	1	Seal	
235	4060805	37 in/1m	Flex-Trim	
236	4711400	14	Flatwasher 1/4in Thin	
237	4711600	3	Flatwasher 3/8in Thin	
238	4740274	3	Washer, Snubbing	
239	4751600	36	Flatwasher 3/8in Regular	
240	4791400	6	Starwasher 1/4in	
241	4812200	2	Flatwasher M14	
242	4923379	1	Harness, Glow Plug	
243	1001130041	1	Elbow, Air Intake	
244	1001139819	1	Adapter, Air Intake	
245	1001141693	1	Air Cleaner Assembly Filter Element	
245	70003783	1	Element, Filter (Not Shown)	
246	1001141694	1	Clamp, Air Filter	
247		Ref	Engine, Deutz - D2011 Options (See Items 401-426 for Serviced Components):	
247		Ref	USA Built Machines	
247	1001146368	Ref	Tier IVi Engines (All Specs Except ANSI and CSA Specs)	
247	1001151630	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	
247		Ref	China Built Machines	
247	1001146368	Ref	Tier IVi Engines (All Specs)	
248	1001149704	Ref	Plate, Engine Mounting (Front Left Side)	
249	1001149705	1	Plate, Engine Mounting (Rear Left Side)	
250	1001149706	1	Plate, Engine Mounting (Rear Right Side)	
251	1001149793	1	Tray, Engine	
252	1001150915	1	Support	
253	1001151078	1	Angle, Mounting	
254	1001151206	1	Plate, Radiator Mounting	
255		Ref	Pipe, Exhaust Options:	
255	1001151251	1	Pipe used with Standard Muffler	
255	See Note	1	Pipe used with Optional Mufflers (Note: See Item 419)	
		Ref	Note: Arctic Package Items (Used on Arctic Machines Only) - Item 281 Not Shown.	
281	2580062	1	Heater, Engine Block	
	2902065	Ref	PUMP COUPLING INSTALLATION	G
301	70000793	1	Coupling	
302	See Note	1	Plate, Pump Adapter (Note: Not Available - Purchase p/n 2902065.)	
303	See Note	8	Bolt M10 x 20mm Grade 10.9 (Note: Not Available - Purchase	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
304	See Note	12	Locally) Bolt M10 x 25mm Grade 10.9 (Note: Not Available - Purchase Locally)	
305	See Note	12	Flatwasher M10 (Note: Not Available - Purchase Locally)	
		Ref	ENGINE COMPONENTS	
		Ref	USA Built Machines:	
	1001146368	Ref	Tier IVi Engines (All Specs Except ANSI and CSA Specs)	B
	1001151630	Ref	Tier IVi Flex Engines (ANSI and CSA Specs Only)	B
		Ref	China Built Machines:	
	1001146368	Ref	Tier IVi Engines (All Specs)	B
401	7026631	1	Dipstick	
401	7020487	1	Seal, Dipstick	
401	70001002	1	Tube, Dipstick	
401	7020403	1	Seal, Dipstick Tube	
402	70003475	1	Thermostat	
403	70002718	1	Seal, Rear Main (Not Shown)	
404	70001870	1	Flywheel (Not Shown)	
404	7024579	1	Ring Gear (Located on Flywheel - Not Shown)	
405	7020465	1	Cap, Filler	
406		Ref	Gasket, Head Options (Not Shown):	
406	70003456	1	Gasket with 1 Notch	
406	70003457	1	Gasket with 2 Notches	
406	70003003	1	Gasket with 3 Notches	
406	7020431	1	Gasket, Valve Cover (Not Shown)	
406	70004273	1	Gasket Kit (Note: Does not include Head Gasket)	
407	70000800	1	Kit, Timing Belt/Idler (Not Shown)	
408	70001850	1	Pump, Oil Lube	
408	7020468	1	Seal Between Oil Pump and Engine Block (Not Shown)	
409	7016331	1	Filter, Oil	
410	70003472	1	Bracket, Oil Filter	
410	7027236	1	Sender, Temperature	
410	70003473	1	Gasket, Bracket to Engine Block	
411	70004268	2	Connector, Radiator Hose (Not Shown)	
411	70004269	2	Ring, Sealing (Not Shown)	
412		Ref	Injector, Fuel	
412		Ref	Pump, Injector Options:	
412	70000912	4	Series A Injector	
412	70000913	4	Series B Injector	
412	70000914	4	Series C Injector	
412	70000915	4	Series D Injector	
413	7016328	1	Filter, Fuel	
413	70001423	1	Bracket, Fuel Filter	
414	70000916	1	Pump Fuel Supply	
414	70001435	1	Repair Kit for 70000916 Pump	
414	70000919	1	Hand Pump	
414	70000918	1	Seal, Hand Pump	
414	70000917	1	O-Seal Between Fuel Pump and Engine Block	
415		Ref	Intake Manifold Components	
415	70003469	1	Flange, Blanking	
415	70003468	1	Seal (Flange to Air Intake Manifold)	
415	70001871	4	Gasket, Intake Manifold to Engine Block (Not Shown)	
415	70003470	8	Screw, Torx Head (Not Shown)	

SECTION 2 - TURNTABLE

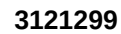
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
416	70001847	1	Breather Valve (Not Shown - Located On Front Cover)	
416	70001126	1	Seal, Breather Valve	
417	7027795	1	Module, Control	
417		Ref	Left Module Connections:	
417	7027796	1	Cable, Interconnect (Module to 70001872 Cable)	
417	70004060	1	Plug, Connector	
417	70001872	1	Cable, Harness	
417	70004103	1	Cable (Alternator to 70001872 Cable)	
417	70004271	1	Cable (Starter to 70001872 Cable)	
417		Ref	Right Module Connections:	
417	70004059	1	Plug, Diagnostic	
418	7020408	1	V-Belt	
419		Ref	Muffler Options:	
419	7000695	1	Standard Muffler (Supplied with Engine)	
419	3220103	1	Spark Arrester Muffler (was p/n 0256689)	
419	03220104	1	Catalytic Muffler (was p/n 0256690)	
419		Ref	Muffler Components:	
419	1320176	1	Clamp, Saddle for 3220103 Muffler and Standard Muffler	
419	70001017	1	Clamp for 3220104 Muffler	
419	7024560	1	Plug, Brass (3220103 & 3220104 Mufflers)	
419	See Note	1	Pipe, Exhaust Standard Muffler (Note: See Item 255)	
419	7024398	1	Pipe, Exhaust (3220103 & 3220104 Mufflers)	
419	7020471	4	Gasket, Exhaust Manifold to Engine Block	
419	70004270	8	Stud, Muffler	
420	70004056	1	Alternator	
420	70001868	1	Regulator, Voltage Options (Not Shown)	
420	70001866	1	Seal, Gasket for Voltage Regulator (Not Shown)	
420	70000851	1	Bracket, Mounting (Not Shown)	
420	70002234	1	Bracket, Adjusting (Not Shown)	
421	7020479	1	Starter	
421	70004058	1	Relay	
421	70001498	1	Shield, Starter Heat	
422	70004272	1	Sensor, Speed	
422	70003932	1	Spacer, Sensor	
423	7027791	1	Transmitter, Temperature	
424	7027790	1	Sensor, Oil Pressure	
425	7027792	1	Actuator, Throttle	
425	7027276	2	Spring, Actuator	
426	70000345	4	Plug, Glow (Not Shown)	
		Ref	RIGHT ENGINE SUPPORT INSTALLATIONS	
	1001151253	Ref	Machines without Generator	
	1001151252	Ref	Machines with Generator	
501	0100011	AR	Compound, Locking	
502	0641609	2	Bolt 3/8in-16NC x 1-1/8in	
503	0641820	1	Bolt 1/2in-13NC x 2-1/2in	
504	0711414	3	Bolt 14mm x 30mm Grade 10.9	
505	3200401	1	Mount, Motor	
506	3311605	2	Locknut 3/8in-16NC	
507	3311805	1	Locknut 1/2in-13NC	
508	4740274	1	Washer, Snubbing	
509	4751600	4	Flatwasher 3/8in Regular	

SECTION 2 - TURNTABLE

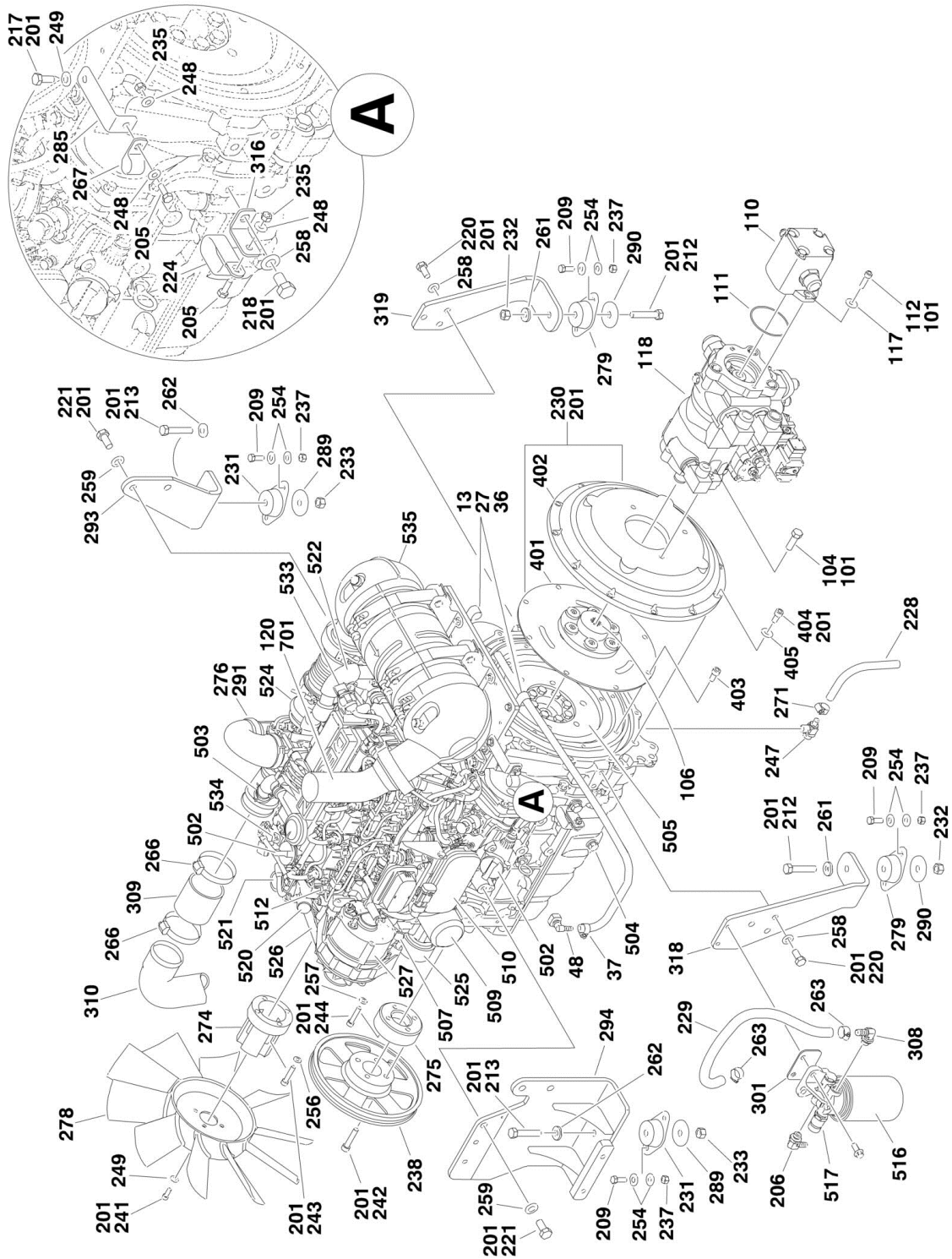
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
510	4812200	3	Flatwasher M14	A
511		Ref	Support, Engine (Right Front)	
511A	1001149703	1	Machines without Generator	
511B	1001150890	1	Machines with Generator	
	1001151295	Ref	EXHAUST EXTENSION INSTALLATION	
610	1320176	1	Clamp, Saddle	
611	1001145996	1	Pipe, Exhaust Extension	

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SECTION 2 - TURNTABLE



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SECTION 2 - TURNTABLE

FIGURE 2-9. DEUTZ TD2.9L4 ENGINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Only Available on USA Built Machines.	
		Ref	DEUTZ TD2.9LA ENGINE INSTALLATIONS	
	1001149807	Ref	2WD Machines Without Arctic Package	E
	1001149813	Ref	4WD Machines Without Arctic Package	E
	1001149815	Ref	All Machines With Arctic Package	E
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0400075	1	Battery	
4	0641406	3	Bolt 1/4in-20NC x 3/4in	
6	0641608	1	Bolt 3/8in-16NC x 1in	
7	0641609	2	Bolt 3/8in-16NC x 1-1/8in	
8	0641610	3	Bolt 3/8in-16NC x 1-1/4in	
9	0641808	1	Bolt 1/2in-13NC x 1in	
10	0642010	1	Bolt 5/8in-11NC x 1-1/4in	
12	0741610	1	Screw, Flat Head 3/8in-16NC x 1-1/4in	
13	0760806	2	Bolt M8 x 12mm	
14	0771212	1	Bolt M12 x 25mm Grade 10.9	
15	2220313	2	Fitting, 90 Barbed	
16	2221119	1	Fitting, Straight Barbed	
17	2221176	1	Fitting, 90	
18	1001165035	28 ft/8.5m	Hose	
19	1001154405	7 ft/2.1m	Hose	
20	3311405	1	Locknut 1/4in-20NC	
21	3311501	2	Nut 5/16in-18NC	
22	3311605	2	Locknut 3/8in-16NC	
23	3422446	1	Pin, Pivot	
24	3841143	1	Pin, Keeper	
25	3931424	4	Capscrew 1/4in-20NC x 1-1/2in	
26	4711400	8	Flatwasher 1/4in Thin	
27	4711500	2	Flatwasher 5/16in Thin	
28	4711600	5	Flatwasher 3/8inThin	
29	4711800	1	Flatwasher 1/2in Thin	
30	4751400	2	Flatwasher 1/4in Regular	
31	4752000	1	Flatwasher 5/8in Regular	
32	4761600	2	Lockwasher 3/8in	
33	4812100	1	Flatwasher M12	
34	8406101	1	Clip	
35	8406102	2	Clip	
36	8406112	2	Clip	
37	8410013	7	Clamp	
38	91401281	1	Hold-down, Battery	
39	1001093382	2	J-Bolt	
40	1001110425	4	Spacer	
41	1001142501	1	Fitting, 90 Barbed	
42	1001144040	1	Plate, Battery	
43		Ref	Battery Cable Kit Options:	
43	1001144440	1	Machines without Arctic Package	D
43	1001143736	1	Machines with Arctic Package	D
43A		Ref	Cable, Battery (Black) (Battery - to Tray Pivot Grd)	
43A	7027063	1	Machines without Arctic Package	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43A	7027084	1	Machines with Arctic Package	B
43B	8270147	1	Terminal, Battery (with Boot)	
43C		Ref	Cable, Battery (Black) (Battery - to Aux Pump and Relay Grounds)	
43C	7027064	1	Machines without Arctic Package	
43C	7027085	1	Machines with Arctic Package	
43D		Ref	Cable, Battery (Black) (Engine to Tray Pivot Grd)	
43D	7027065	1	Machines without Arctic Package	
43D	7027086	1	Machines with Arctic Package	
43E		Ref	Cable (Red) (Aux Relay to Aux Pump)	
43E	7027066	1	Machines without Arctic Package	
43E	7027087	1	Machines with Arctic Package	
43F		Ref	Cable (Red) (Battery + to Aux Relay/Power Module/Starter)	
43F	7027067	1	Machines without Arctic Package	
43F	7027088	1	Machines with Arctic Package	
44	1001144660	1	Harness, Fuel (Not Shown - See ELECTRICAL SECTION for Breakdown)	
45	1001148149	1	Bracket	
48	1001155823	1	Fitting, 90 Quick Disconnect	
49	3740067	1	Relay	
50	1001162413	1	Fuel Bracket Assembly	
50A	0100011	AR	Compound, Locking	
50B	0641607	2	Bolt 3/8in-16NC x 7/8in	
50C	0721004	4	Screw M10-24NC x 1/2in	
50D	3311001	4	Nut #10-24NC	
50E	3311605	2	Locknut 3/8in-16NC	
50F	4711500	8	Flatwasher #10	
50G	4711600	4	Flatwasher 3/8inThin	
50H	8405006	2	Clamp	
50J	1001149528	1	Mount, Fuel Pump	
50K	1001142501	1	Fitting, 90 Barbed	
50L	2720615	1.5 ft/0.5m	Hose	
51	1701505	1	Decal - Diesel (Not Shown - Located on Front of Fuel Tank)	
		Ref	Note: Arctic Package Items 77 - 87 (Used on Arctic Machines Only) Not Shown.	
77	1060625	1	Cable, Immersion Heater	
78	1060626	1	Plug, 3 Way	
79	1320223	3	Clamp, Muffler	
80	1702941	1	Decal - Battery Heater	
81	1702942	1	Decal - Engine Block Heater	
82	1702943	1	Decal - Hydraulic Tank Heater	
83	1702944	1	Decal - Heater Cord	
84	2580024	1	Heater, Battery	
85	2580050	1	Heater, Hydraulic Tank	
86	3980007	1	Seat, Battery	
87	1001150918	1	Cord, 8ft Extension	
90		Ref	Decal - Warning Explosion/Fire Options:	
90	1704972	1	ANSI Spec	
90	1706098	1	Australian and CE Spec	
90	1706064	1	CSA Spec	
		Ref	ENGINE AND PUMP ASSEMBLIES	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001149812	Ref	2WD Machines without Arctic Package	A
	1001149814	Ref	4WD Machines without Arctic Package	A
	1001149816	Ref	All Machines with Arctic Package	A
101	0100011	AR	Compound, Locking	
102	0641406	1	Bolt 1/4in-20NC x 3/4in	
103	0641808	1	Bolt 1/2in-13NC x 1in	
104	0641812	2	Bolt 1/2in-13NC x 1-1/2in	
105	1060637	1	Lanyard	
106	3020037	AR	Grease, Pump Coupling	
107	3311405	1	Locknut 1/4in-20NC	
108	3311805	1	Locknut 1/2in-13NC	
109	3422532	1	Pin, Hitch	
110	3600395	1	Gear Pump Assembly with Fittings (See GEAR PUMP ASSEMBLY for Breakdown)	
111	3790152	1	O-Ring	
112	3931620	2	Bolt 3/8in-16NC x 1-1/4in	
113	3960468	1	Seal	
114	3960469	1	Seal	
115	4751400	2	Flatwasher 1/4in Regular	
116	4751800	1	Flatwasher 1/2in Regular	
117	4891600	2	Flatwasher 3/8in Hardened	
118		Ref	Pump Assembly with Fittings Options (See PISTON PUMP ASSEMBLY for Breakdown):	
118	3600394	1	2WD Machines without Arctic Package	
118	1001117799	1	4WD Machines without Arctic Package	
118	1001117799	1	All Machines with Arctic Package	
120	1001149908	1	Pipe, Exhaust	
		Ref	ENGINE ASSEMBLIES	
	1001150969	Ref	Without Arctic Package	D
	1001150971	Ref	With Arctic Package	D
201	0100011	AR	Compound, Locking	
202	0100020	AR	Sealant	
203	0100062	AR	Compound, Locking	
204	0630407	2	Screw 1/4in-20 x 5/8in	
205	0641406	7	Bolt 1/4in-20NC x 3/4in	
206	0641518	2	Bolt 5/16in-18NC x 2-1/4in	
207	0641605	2	Bolt 3/8in-16NC x 5/8in	
208	0641607	4	Bolt 3/8in-16NC x 7/8in	
209	0641608	8	Bolt 3/8in-16NC x 1in	
210	0641609	6	Bolt 3/8in-16NC x 1-1/8in	
211	0641708	2	Bolt 7/16in-14NC x 1in	
212	0681620	2	Bolt 3/8in-16NC x 2-1/2in Grade 8	
213	0681820	2	Bolt 1/2in-13NC x 2-1/2in Grade 8	
214	0741605	2	Screw, Flathead 3/8in-16NC x 5/8in	
215	0760605	2	Bolt M6 x 10mm	
216	0760606	2	Bolt M6 x 12mm	
217	0760810	2	Bolt M8 x 20mm	
218	0761210	1	Bolt M12 x 20mm	
220	0771212	6	Bolt M12 x 25mm Grade 10.9	
221	0771414	5	Bolt M14 x 30mm Grade 10.9	
222	0940070	1	Bumper	
223	0961986	2	Bushing, Flanged	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
224	1321716	1	Clamp	
225	2220315	1	Fitting, Straight Barbed	
226		Ref	Anti-freeze Options:	
226	2300004	3.3 gal/12.5L	Without Arctic Package	
226	2300041	3.3 gal/12.5L	With Arctic Package	
227	2720015	40 in/1m	Hose	
228	2720340	12 in/30cm	Hose	
229	1001154405	20 in/51cm	Hose (was p/n 2720615)	
230	2902065	1	Pump Coupling Kit (See Items 401-405 for Breakdown)	
231	3200401	2	Mount, Motor	
232	3271601	2	Nut 3/8in-16NC Grade 8	
233	3271801	2	Nut 1/2in-13NC Grade 8	
234	3311401	3	Nut 1/4in-20NC	
235	3311405	10	Locknut 1/4in-20NC	
236	3311505	2	Locknut 5/16in-18NC	
237	3311605	16	Locknut 3/8in-16NC	
238	3580320	1	Pulley	
239	3910408	3	Screw #4-40NC x 1/2in	
240	3931432	1	Capscrew 1/4in-20NC x 2in	
241	3931512	4	Capscrew 5/16in-18NC x 3/4in	
242	3931628	4	Capscrew 3/8in-16NC x 1-3/4in	
243	4031914	4	Bolt M8 x 50mm	
244	4032014	4	Bolt M10 x 50mm	
245	4060805	15 in/38cm	Flex-Trim	
246	4240099	AR	Tie-Strap (Not Shown)	
247	4640751	1	Valve, Oil Drain	
248	4711400	7	Flatwasher 1/4in Thin	
249	4711500	5	Flatwasher 5/16in Thin	
250	4711700	2	Flatwasher 7/16in Thin	
251	4750400	3	Flatwasher #4 Regular	
252	4751400	10	Flatwasher 1/4in Regular	
253	4751500	4	Flatwasher 5/16in Regular	
254	4751600	36	Flatwasher 3/8in Regular	
255	4811702	3	Flatwasher M6	
256	4811900	4	Flatwasher M8	
257	4812000	5	Flatwasher M10	
258	4812100	7	Flatwasher M12	
259	4812200	5	Flatwasher M14	
260	4891500	1	Flatwasher 5/16in Hardened	
261	4891600	2	Flatwasher 3/8in Hardened	
262	4891800	2	Flatwasher 1/2in Hardened	
263	8405006	2	Clamp	
264	8405009	4	Clamp	
265	8405104	4	Clamp	
266	8405204	2	Clamp	
267	8406102	1	Clip	
268	8406109	2	Clip	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
269	8406110	1	Clip	
270	8410011	2	Clamp	
270	8410013	2	Clamp	
271	91403244	1	Hose	
272	1001117308	1	Relay	
273	1001134488	1	Fitting, 90 Barbed	
274	1001135138	1	Adapter	
275	1001135679	1	Adapter	
276		Ref	Oil, Motor Options:	
276	1001136079	2.4 gal/9L	Without Arctic Package	
276	1001136172	2.4 gal/9L	With Arctic Package	
277	1001136834	1	Cap, Tank	
278	1001137276	1	Fan	
279	1001138170	2	Mount, Motor	
280	1001138173	1	Support	
281	1001138175	1	Bracket	
282	1001138228	1	Relay, Power Module	
283	1001138248	62 in/1.6m	Tube	
284	1001138557	1	Clamp	
285	1001138717	1	Bracket	
286	1001138827	1	Sensor, Coolant Level	
287	1001139240	1	Bracket	
288	1001139303	1	Bracket	
289	1001139409	2	Washer, Special	
290	1001139429	2	Washer, Special	
291	1001139813	1	Engine, Deutz TD2.9L4 (See Items 501-535 for Serviced Components)	
292	1001155384	1	Radiator	
293	1001140454	1	Mount, Front Engine	
294	1001140466	1	Mount, Generator/Engine	
295	1001162593	1	Plate, Radiator Mounting (was p/n 1001140487)	
296	1001140535	1	Tank	
297	1001140564	1	Fitting, 90 Barbed	
298	1001141304	1	Harness, Glow Plug (See ELECTRICAL SECTION for Breakdown)	
299	1001141370	1	Hose	
300	1001141419	1	Shim	
301	1001141546	1	Shim	
302	1001141583	1	Hose, Radiator - Upper	
303	1001141584	1	Hose, Radiator - Lower	
304	1001141585	1	Hose, Inlet	
305	1001141586	1	Elbow	
306	1001152489	1	Fitting, 90 Barbed	
307	1001141995	1	Fitting, Straight Barbed	
308	1001152501	1	Fitting, 90 Barbed	
309	1001142623	1	Hose	
310	1001142733	1	Pipe	
311	1001143390	1	indicator, Service	
312	1001143726	1	Harness, Engine (Not Shown - See ELECTRICAL SECTION for Breakdown)	
313	1001143797	1	Fitting, Straight Barbed	
314	1001143907	1	Cable, Alternator Power (See ELECTRICAL SECTION for	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
315	1001145154	1	Breakdown) Plate, Relay Mounting	
316	1001148641	1	Bracket	
317	1001150974	1	Tray	
318	1001151318	1	Mount, Rear Engine	
319	1001151319	1	Mount, Rear Engine	
320	1001138489	1	Air Cleaner Assembly Filter Element	
320	91403102	1	Element, Filter (Not Shown)	
321	8405007	2	Clamp	
		Ref	Note: Arctic Package Item 351 (Used on Arctic Machines Only) Not Shown.	
351	1001140312	1	Heater, Engine Block	G
	2902065	Ref	KIT PUMP COUPLING AND MOUNTING PLATE	
401	70000793	1	Coupling	
402	2902065	1	Plate, Pump Adapter	
403	See Note	8	Bolt M10 x 20mm Grade 10.9 (Note: Not Available - Purchase Locally)	
404	See Note	12	Bolt M10 x 25mm Grade 10.9 (Note: Not Available - Purchase Locally)	H
405	See Note	12	Flatwasher M10 (Note: Not Available - Purchase Locally)	
	1001139813	Ref	ENGINE COMPONENTS	
501	70004275	1	Dipstick (Not Shown - Located On Side Left Front)	
501	70024905	1	Seal	
502	7020465	2	Cap, Oil Fill	
503	70025111	2	Clamp	
504	70025088	1	Plug	
504	7020404	1	Seal	
505	70001870	1	Flywheel with Ring Gear	
505	7024579	1	Gear, Ring	
506		Ref	Gasket and Seal Options (Not Shown):	
506	70024906	1	Gasket, Head	
506	70025206	1	Gasket, Small Valve Cover	
506	70025207	1	Gasket, Large Valve Cover	
506	7002508	1	Gasket, Valve Cover to Air Charge Elbow	
506	70002718	1	Seal, Rear Main	
506	70024907	1	Gasket, Front Cover	
506	70025164	1	Gasket, Exhaust Manifold to Head	
506	70024912	1	Gasket, Exhaust Manifold to Turbocharger	
506	70004279	1	Gasket Kit	
507	70025091	1	Plug	
507	70025082	1	Seal	
507	70025176	1	Spring	
507	70025076	1	Valve	
508	70025202	1	Pump, Oil Lube (Not Shown - Located Front Left Side)	
508	70025135	1	O-Ring	
508	70025136	1	Seal	
509	7016331	1	Filter, Oil	
510	70004276	1	Cooler, Oil	
510	70024925	1	Gasket	
511	70024924	1	Pump, High Pressure (Not Shown - Located Front Left Side)	
511	70025152	1	O-Ring (Between Pump and Spacer)	
511	70024488	1	Spacer	

SECTION 2 - TURNTABLE

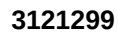
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
511	70025152	1	O-Ring (Between Spacer and Engine Block)	
512	70025181	4	Injector, Fuel	
512	70025140	4	Washer, Sealing	
512	70025146	4	Clamp (Top of Injector)	
512	70025416	4	O-Seal	
512	70025154	4	Shoe, Clamping	
512	70000345	4	Plug, Glow	
512	70025231	1	Harness, Glow Plug (Not Shown)	
513	70025153	1	Filter, Fuel	
513	70024513	1	Cable, Sensor	
513	70025239	1	Seal	
514	70024486	1	Pump, Fuel	
515	70025144	2	Clamp	
516	70025160	1	Filter with Head	
516	70025161	1	Filter, Fuel	
517	70024504	1	Sensor, Pressure	
517	70024920	1	Seal	
518	70025151	1	Rail, Fuel (Not Shown)	
518	70025235	1	Repair Kit	
519	70025210	1	ECU (Engine Control Unit)	
520	70024910	1	Pump, Water	
520	70025200	1	Seal	
520	70025084	2	Plug	
520	7020492	2	Seal	
521	70024473	1	Thermostat	
521	70025143	1	O-Seal	
521	70025142	1	Cover, Thermostat	
522	70025178	1	Pipe	
522	70025156	1	Valve, Shuttle	
522	70025179	2	Gasket	
522	70025180	1	Gasket	
523	70025203	1	Module, EGR (Not Shown - Located on Left Side)	
524	70004276	1	Turbocharger	
525	70025477	1	Tensioner, Belt	
526	70004277	1	Belt, Drive	
527	70024914	1	Alternator	
527	70025149	1	Regulator, Voltage	
528	70024915	1	Starter (Not Shown - Located on Left Side)	
529	70025077	1	Harness, Engine (Not Shown)	
530	70024503	2	Sensor, Speed (Not Shown - Located Left Side Front and Flywheel Housing)	
530	70024917	2	Seal	
531	70024918	1	Sender, Temperature (Not Shown - Located Top Front)	
532	70024504	1	Sensor, Pressure (Not Shown - Located Left Side Front)	
532	70024920	1	Seal	
533	70024507	1	Sensor, Pressure	
533	70025120	1	Seal	
534	70024922	1	Sender, Temperature	
534	70025212	1	Seal	
535	See Note	1	Muffler (Note: Not Available at Time of Printing)	
535	70004278	1	Outlet, Muffler	
		Ref	BAFFLES INSTALLATION	

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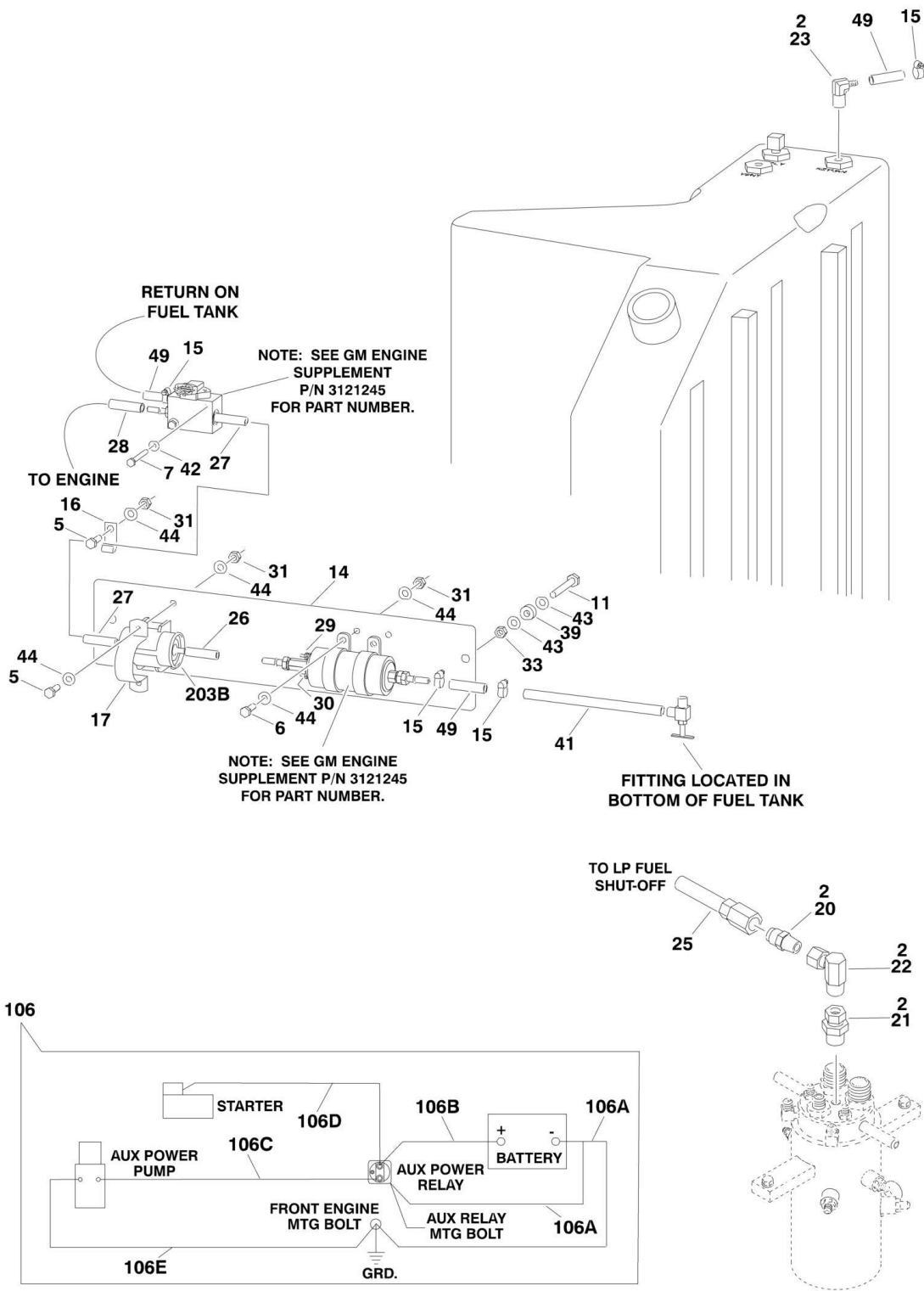
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001143484	Ref	ABS Hoods	B
	1001143483	Ref	Steel Hoods	A
601	0641406	AR	Bolt 1/4in-20NC x 3/4in	
602	3311405	19	Locknut 1/4in-20NC	
603	4711400	38	Flatwasher 1/4in Thin	
604	1001141711	1	Bracket	
605	1001142031	1	Bracket	
606	1001142032	1	Bracket	
607	1001143449	1	Bracket	
608		Ref	Baffle Options:	
608	1001143575	1	ABS Hoods	
608	1001143472	1	Steel Hoods	
609	1001143525	1	Bracket	
610	1001143860	1	Bracket, Bumper (ABS Hoods Only)	
611	0641407	1	Bolt 1/4in-20NC x 7/8in	
	1001145750	Ref	SPARK ARRESTER INSTALLATION (OPTIONAL)	A
701	1001145751	1	Arrester, Spark	

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FIGURE 2-10. GM ENGINE INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Only Available on USA Built Machines.	
		Ref	GM ENGINE INSTALLATIONS	
	1001114644	Ref	2WD	F
	1001114646	Ref	4WD	F
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100048	AR	Grease, Dielectric	
4	0400075	1	Battery (Wet)	
5	0641406	3	Bolt 1/4in-20NC x 3/4in	
6	0641408	2	Bolt 1/4in-20NC x 1in	
7	0641418	2	Bolt 1/4in-20NC x 2 1/4in	
8	0641508	6	Bolt 5/16in-18NC x 1in (SN 0300171769 through 0300174311)	
9	3900272	3	Capscrew 5/16in-18NC x 1-3/4in (was p/n 0641514) (SN 0300171769 through 0300174311)	
10	0641608	1	Bolt 3/8in-16NC x 1in	
11	0641612	2	Bolt 3/8in-16NC x 1-1/2in	
12	0641808	1	Bolt 1/2in-13NC x 1in	
13	0642010	1	Bolt 5/8in-11NC x 1-1/4in	
14	0903510	1	Bracket, Fuel Pump Filter	
15	1320022	4	Clamp, Fuel Line	
16	1320222	1	Clamp	
17	1320323	1	Clamp	
18	1701542	1	Decal, Gas (Not Shown)	
19	1701543	1	Decal, LPG (Not Shown)	
20	2180418	1	Fitting, Straight	
21	2220005	1	Fitting, Straight	
22	2220064	1	Fitting, Adapter	
23	2221176	1	Fitting, 90	
24	2300004	2.7 gal	Fluid, Anti-Freeze (Not Shown)	
25	2720392	1	Hose, LP	
26	1001156823	1	Hose, Hi Pressure Fuel Line (6in/15cm Length) (was p/n 2720566)	
27	1001156824	1	Hose, Hi Pressure Fuel Line (4ft/1.2m Length) (was p/n 2720567)	
28	1001156825	1	Hose (was p/n 2720580)	
29	3290405	1	Locknut M4 x 0.7	
30	3290505	1	Locknut M5 x 0.8	
31	3311405	5	Locknut 1/4in-20NC	
32	3311505	8	Locknut 5/16in-18NC (SN 0300171769 through 0300174311)	
33	3311605	AR	Locknut 3/8in-16NC	
34	1001121891	1	Panel, Rubber (SN 0300171769 through 0300174311)	
35	3422446	1	Pin	
36	3539957	1	Plate, Hold Down (SN 0300171769 through 0300174311)	
37	3790012	1	O-Ring (Not Shown - Located in Console Box)	
38	3841143	1	Keeper	
39	4071122	2	Shim	
40	4360336	1	Switch, Toggle (Not Shown - Located in Console Box)	
41	4569385	1	Tube, Fuel Line	
42	4711400	8	Flatwasher 1/4in Thin	
43	4711600	4	Flatwasher 3/8in Thin	
44	4751400	9	Flatwasher 1/4in Regular	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
45	4751500	2	Flatwasher 5/16in Regular	
46	4752000	1	Flatwasher 5/8in Regular	
47	88521205	2	Locknut with Nylon Lock 5/16in-18NC	
48	91401281	1	Hold-down, Battery	
49	1001156819	7 ft/2.1m	Hose, Fuel Line (was p/n 1001091587)	
50	1001093382	2	Bolt, Battery Hold-down	
53	1001123000	1	Bracket, Baffle Support (SN 0300171769 through 0300174311)	
54	4740508	3	Flatwasher, Special (SN 0300171769 through 0300174310)	
55	0641610	2	Bolt 3/8in-16NC x 1-1/4in (SN 0300174311 to Present)	
56	4751600	4	Flatwasher 3/8in (Wide) (SN 0300174311 to Present)	
57	1001153359	1	Bracket, Engine Tray Mount (SN 0300174311 to Present)	
		Ref	GM ENGINE AND PUMP SUB-ASSEMBLY	
	1001114643	Ref	2WD	
	1001114645	Ref	4WD	
101	0100011	AR	Compound, Locking	
102	0641407	1	Bolt 1/4in-20NC x 7/8in	
103	0641808	1	Bolt 1/2in-13NC x 1in	
104	0641812	2	Bolt 1/2in-13NC x 1-1/2in	
105	1060637	1	Cable, Lanyard	
106	2902531	1	Battery Cable Kit	
106A	7016822	1	Cable (Battery - to Ground)	B
106B	7027015	1	Cable (Battery + to Auxiliary Relay)	
106C	7027016	1	Cable (Relay to Auxiliary Pump)	
106D	7027017	1	Cable (Relay to Starter)	
106E	7027003	1	Cable (Auxiliary Pump to Ground)	
107	3311405	1	Locknut 1/4in-20NC	
108	3311805	1	Locknut 1/2in-13NC	
109	3422532	1	Pin, Hitch	
110		Ref	Piston Pump Assembly with Fittings Options (See PISTON PUMP ASSEMBLY for Breakdown):	
110	3600394	1	2WD	
110	1001117799	1	4WD	
111	3600395	1	Gear Pump Assembly with Fittings (See GEAR PUMP ASSEMBLY for Breakdown)	
112	3790012	1	O-Ring	
113	3931620	2	Bolt 3/8in-16NC x 1-1/4in	
114	3960389	5 ft/1.5m	Seal	
115	4751400	1	Flatwasher 1/4in Regular	
116	4751800	1	Flatwasher 1/2in Regular	
117	4891600	2	Flatwasher 3/8in Hardened	
119	1001115930	4.5 qt.	Oil, Engine (Not Shown)	
	1001114632	Ref	GM ENGINE ASSEMBLY	D
201	0080201	2	Fitting, 90	
202	0100011	AR	Compound, Locking	
203	1001114595	1	Engine, GM 3.0L (See GM Engine Supplement P/N 3121245 for Breakdown of Additional Components)	
203	70000164	4	Plug, Spark (Not Shown)	
203A	7027965	1	Filter, Oil	
203B	7027972	1	Filter, Fuel	
203C	70002895	1	Module, Control (ECU)	
204	0340041	2	Band, Mounting	
205	0641406	10	Bolt 1/4in-20NC x 3/4in	

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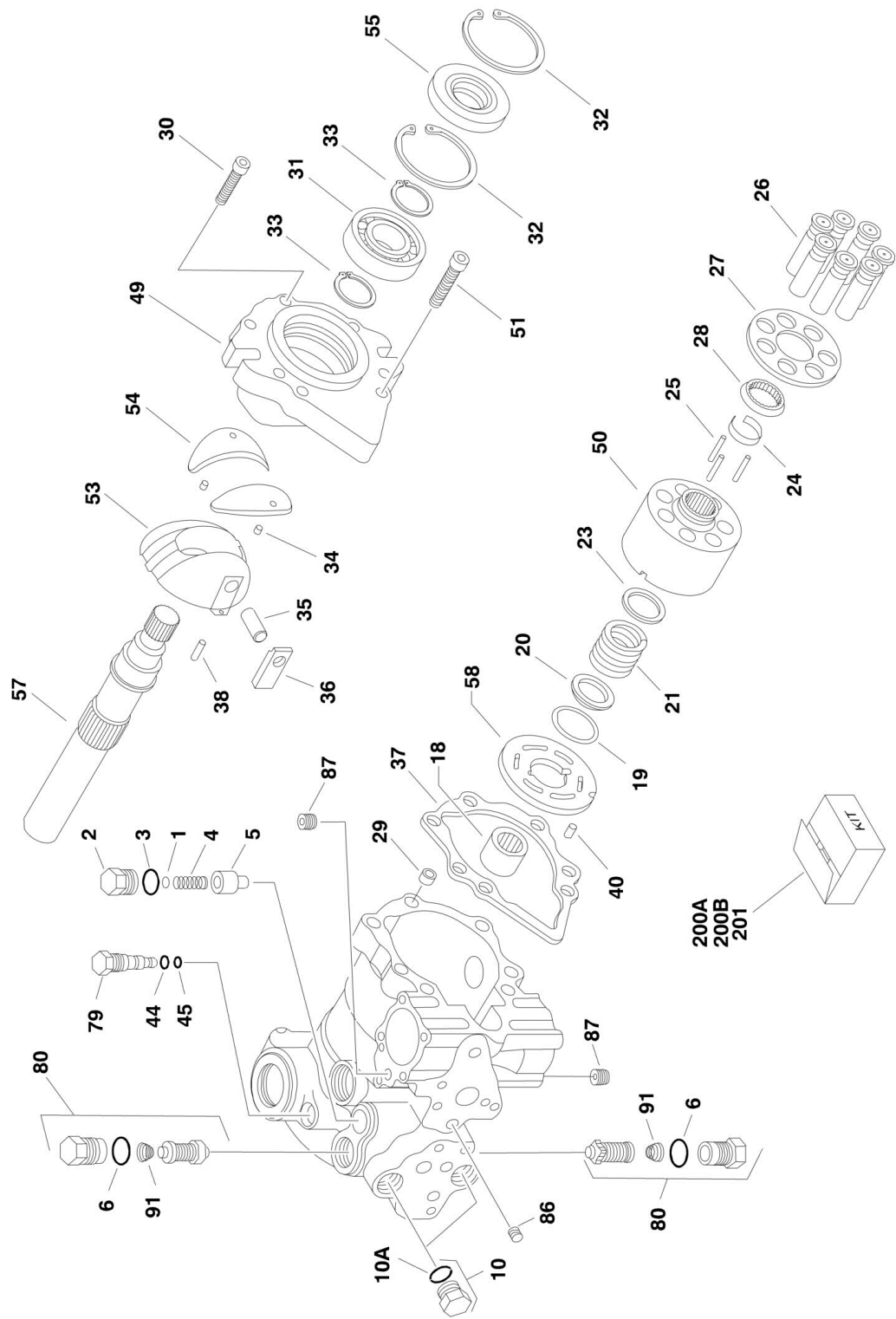
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
206	0641606	4	Bolt 3/8in-16NC x 3/4in	
207	0641608	9	Bolt 3/8in-16NC x 1in	
208	0641609	4	Bolt 3/8in-16NC x 1-1/8in	
209	0641610	10	Bolt 3/8in-16NC x 1-1/4in	
210	0641612	4	Bolt 3/8in-16NC x 1-1/2in	
211	0641828	2	Bolt 1/2in-13NC x 3-1/2in	
212	0700810	4	Bolt M8 x 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	
219	7012664	1	Element, Air Cleaner	
220	1580011	1	Container, Coolant Overflow	
221	1703162	2	Decal - Caution Fan	
222	0100020	AR	Sealant	
223	2060025	1	Fan	
225	2720058	1 ft/0.3m	Hose	
226	1001116544	1	Duct, Elbow	
227	2720563	1	Hose, Radiator (Top)	
228	2720564	1	Hose, Radiator (Bottom)	
229	2750532	1 ft/0.3m	Hose	
230	1001091794	1	Insulation, Muffler	
231	3200362	4	Mount, Engine	
232	3311405	10	Locknut 1/4in-20NC	
233	3311605	26	Locknut 3/8in-16NC	
234	3311805	4	Locknut 1/2in-13NC	
235	3539872	1	Plate, Radiator Mount	
236	3572280	1	Plate, Engine Mount	
237	3620040	1	Radiator	
237	8180311	1	Cap, Radiator (was p/n 7019656)	
238	3740067	1	Relay	
239	3960468	1	Seal	
240	3960469	1	Seal	
241	4060805	3 ft/0.9m	Seal	
242	4341239	1	Tray, Engine	
243	4341241	1	Mount, Engine (Front)	
244	1001116545	1	Tube, Intake	
245	4569394	1	Tube, Exhaust	
246	4640952	1	Valve, Oil Drain	
247	4711400	12	Flatwasher 1/4in Thin	
248	4711600	36	Flatwasher 3/8in Thin	
249	4740274	4	Flatwasher, Snubbing	
250	4751400	8	Flatwasher 1/4in Regular	
251	4751600	16	Flatwasher 3/8in Regular	
252	4751800	4	Flatwasher 1/2in Regular	
253	4791400	2	Starwasher 1/4in	
254	4831900	4	Lockwasher M8	
255	4920385	10 ft/3m	Wire, Safety	

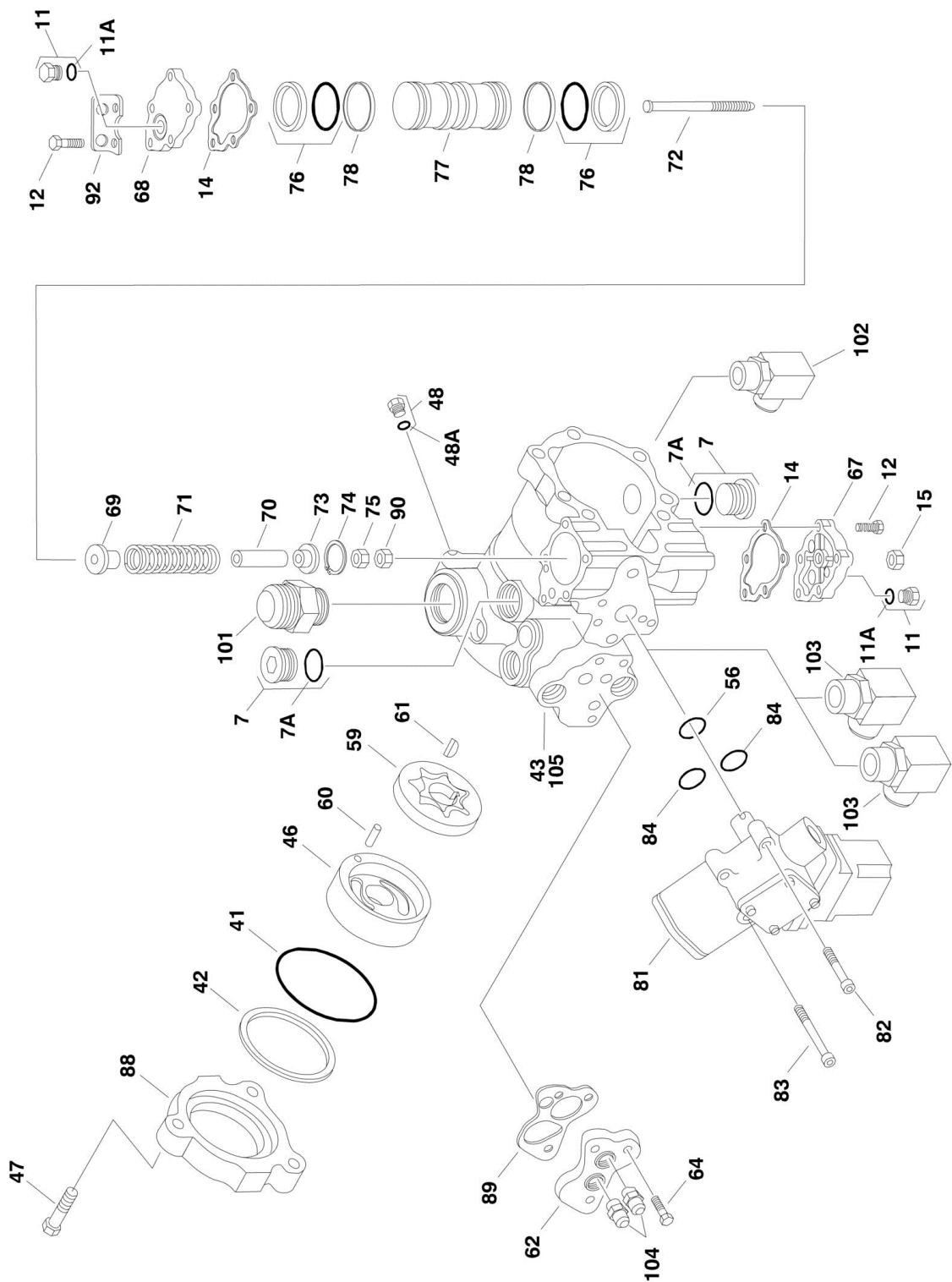
SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
256	2180877	1	Fitting 90	
257	0641826	2	Bolt 1/2in-13NC x 3-1/4in	
258	2720271	18 in/46cm	Hose	
259	0100062	AR	Retaining Compound #680	

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FIGURE 2-11. PISTON PUMP ASSEMBLY





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FIGURE 2-11. PISTON PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	PISTON PUMP ASSEMBLY	
	3600388	Ref	2WD	A
	3600381	Ref	4WD	A
1	7007413	1	Shim Kit	
2		Ref	Plug Options:	
2	7024874	1	Plug (Pump Assembly p/n 3600388) (2WD)	
2	7007414	1	Plug (Pump Assembly p/n 3600381) (4WD)	
3	7021232	1	O-Ring	
4	7021200	1	Spring, Relief Valve	
5	7007417	1	Valve, Relief	
6	7021232	2	O-Ring	
7	7007419	2	Plug	
7A	7007418	2	O-Ring	
10	7007470	2	Plug	
10A	7021256	2	O-Ring	
11	7007470	2	Plug	
11A	7021256	2	O-Ring	
12	7021223	10	Screw	
14	7021232	2	Gasket, Servo Cover	
15	7007423	1	Nut, Special	
18	7007425	1	Bearing, Needle	
19	7010116	1	Ring, Retaining	
20	7010116	1	Washer	
21	7010116	1	Spring	
23	7010116	1	Washer	
24	7010116	1	Retainer	
25	7010116	3	Pin, Slipper Holddown	
26	7010116	7	Piston Assembly	
27	7010116	1	Retainer, Slipper	
28	7010116	1	Guide, Retainer	
29	7007435	1	Pin, Spring	
30	7021202	1	Screw	
31	7007437	1	Bearing, Ball	
32	7007438	2	Ring, Retainer	
33	7007439	2	Ring	
34	7021203	2	Pin, Spring	
35	7007441	1	Handle, Pin	
36	7007442	1	Sleeve, Bearing	
37	7021232	1	Gasket, Front Cover	
38	7007444	1	Pin	
40	7007446	1	Pin	
41	7021232	1	O-Ring	
42	7021232	1	Ring, Load Temper	
43	7023977	1	Housing, Pump	
44	7021232	1	Ring, Back-Up	
45	7021232	1	O-Ring	
46	7007452	1	Cover, Gerotor	
47	7007453	3	Bolt, Hex	
48	7007208	1	Plug	
48A	7007207	1	O-Ring	

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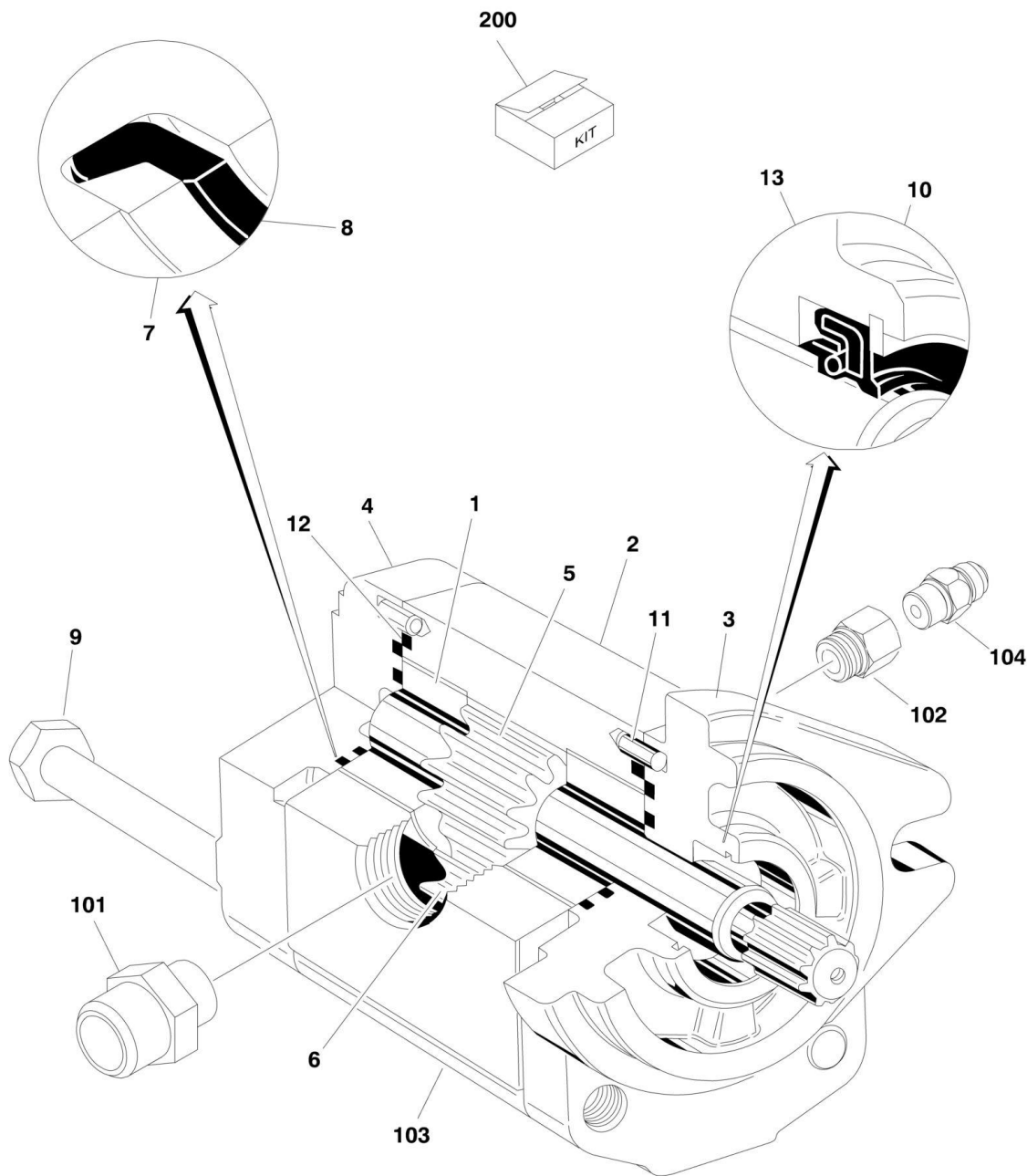
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
49		Ref	Cover, Front Options:	
49	7024875	1	Cover, Front (Pump Assembly p/n 3600388) (2WD)	
49	7007454	1	Cover, Front (Pump Assembly p/n 3600381) (4WD)	
50	7010116	1	Block, Cylinder	
51	7021207	6	Screw	
53	7007457	1	Swashplate	
54		Ref	Journal, Bearing Options:	
54	7021210	1	Journal, Bearing (Pump Assembly p/n 3600388) (2WD)	
54	7021212	1	Journal, Bearing (Pump Assembly p/n 3600381) (4WD)	
55	7021232	1	Seal, Lip	
56	7021232	1	O-Ring	
57	7010121	1	Shaft, Main Pump	
58	7021214	1	Plate, Valve	
59	7007463	1	Gerotor Assembly	
60	7007464	1	Pin	
61	7007465	1	Key, Woodruff	
62	7007466	1	Adaptor, Remote Filtration	
64	7021218	3	Screw	
67	7021220	1	Cover, Servo	
68	7021219	1	Cover, Servo	
69	7023979	1	Guide, Spring	
70	7007484	1	Stop, Servo	
71	7007485	1	Spring	
72	7021221	1	Screw	
73	7007487	1	Guide, Spring	
74	7007488	1	Ring, Retaining	
75	7021222	1	Locknut	
76	See Note	2	Ring, Piston (Note: Use Item 200A or 200B)	
77	7007494	1	Piston, Servo	
78	See Note	2	O-Ring (Note: Use Item 200A or 200B)	
79		Ref	Valve, Bypass Options:	
79	7024877		Valve, Bypass (Pump Assembly p/n 3600388) (2WD)	
79	7007472		Valve, Bypass (Pump Assembly p/n 3600381) (4WD)	
80	7010122	2	Valve, Pressure Relief Options (Includes Item 6):	
80	7010122	2	Valve (Pump Assembly p/n 3600388) (2WD)	
80	7024851	2	Valve (Pump Assembly p/n 3600381) (4WD)	
81	7007474	1	Control, Dual Oil-Filled	
81	7007496	1	Coil Assembly (Pilot)	
81	7007497	1	Plug (Pump)	
81	7007498	1	Plug (Valve Harness)	
82	7001498	2	Screw	
83	7007478	2	Screw	
84	7001433	2	O-Ring	
86	7007475	1	Plug, Orifice/Screen (.156)	
87	7007477	2	Plug, Orifice (.37)	
88	7007476	1	Adapter, Auxiliary Pump	
89	7021217	1	Spacer/Gasket	
90	7021206	1	Nut	
91	7024800	2	Spring	
92	7021201	1	Bracket, Lifting	
		Ref	PISTON PUMP AND FITTING ASSEMBLIES	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3600394	Ref	2WD	D
	1001117799	Ref	4WD	A
101	2220377	1	Fitting, Straight	
101	2220479	1	Fitting, Straight	
102	2220578	1	Fitting, 90	
103	2220646	2	Fitting, 90	
104	2220947	2	Fitting, Straight	
105		Ref	Pump Options (Includes Items 1 - 92)	
105	3600388	1	2WD	
105	3600381	1	4WD	
		Ref	KIT OPTIONS:	
200		Ref	Seal Kit Options:	
200A	7021232	1	Seal Kit - Complete (Includes Items 3, 6, 14, 37, 41, 42, 44, 45, 55, 56, 76, 78, 84 & 89)	
200B	7007412	1	Seal Kit - Servo Piston (Includes Items 76 & 78)	
201	7010116	1	Cylinder Block Kit (Includes Items 19-28 & 50)	

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FIGURE 2-12. GEAR PUMP ASSEMBLY



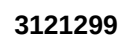
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FIGURE 2-12. GEAR PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3600242	Ref	GEAR PUMP ASSEMBLY	
1	7010105	2	Bearing/Bushing	
2	See Note	1	Housing (Note: Not Available - Purchase p/n 3600242 Complete Replacement.)	
3	See Note	1	Flange (Note: Not Available - Purchase p/n 3600242 Complete Replacement.)	
4	7010103	1	Cover	
5	7012987	1	Gear, Drive	
6	7012988	1	Gear, Idler	
7	7007489	2	Ring, Anti-Extrusion	
8	7007489	2	Seal	
9	See Note	4	Bolt (Note: Not Available for Purchase.)	
10	7010104	1	Ring, Retaining	
11	See Note	4	Pin, Dowel (Note: Not Available for Purchase.)	
12	7007489	2	Seal, O-Ring	
13	7007489	1	Seal, Shaft	
	3600395	Ref	GEAR PUMP AND FITTING ASSEMBLY	A
101	2220376	1	Fitting, Straight	
102	2220810	1	Fitting, Reducer	
103	3600242	1	Pump (Includes Items 1 - 13)	
104	4640744	1	Fitting, Check Valve	
		Ref	KIT OPTIONS	
200	7007489	1	Seal Kit (Includes Items 7, 8, 12 & 13)	

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FIGURE 2-13. TANK INSTALLATIONS

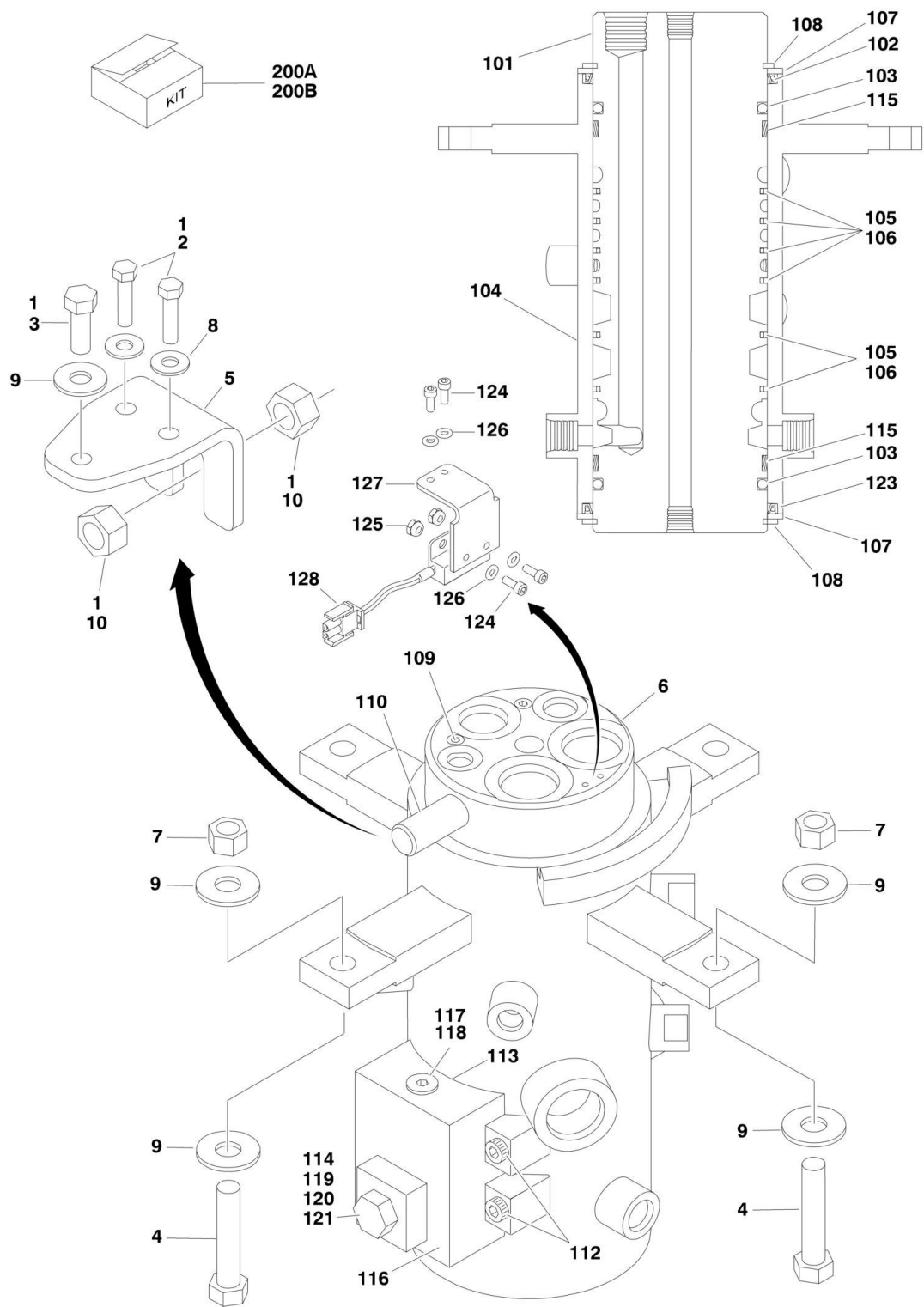
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	TANKS INSTALLATIONS	
	1001150389	Ref	Deutz Engine Machines	C
	1001150388	Ref	GM Engine Machines	B
1	0100011	AR	Compound, Locking	
2	0100079	AR	Sealant, Pipe	
3	0641608	2	Bolt 3/8in-16NC x 1in	
4	0641618	4	Bolt 3/8in-16NC x 2-1/4in	
5	0641811	2	Bolt 1/2in-13NC x 1-3/8in	
6	2200222	1	Plug (Deutz Engine Machines Only)	
7	3311601	AR	Nut 3/8in-16NC	
8	4240113	1	Strap, Tank (Deutz Engine Machines Only)	
9	4280295	25 in/63cm	Strip, Protective (Deutz Engine Machines Only)	
10	4360436	1	Switch, Fuel Level	
11		Ref	Tank, Fuel Options:	
11	4400400	1	Deutz Engine Machines	
11	1001111514	1	GM Engine Machines	
11A		Ref	Cap Options:	
11A	70002715	1	Standard Black Cap (GM Engine Machines) (Not Shown)	
11A	7016314	1	Standard Black Cap (Deutz Engine Machines)	
11A	1120487	1	Optional Blue Cap (Deutz Engine Machines) (Not Shown) (Not Included with Tank)	
11B	70002716	1	Adapter	
11C		Ref	Tube, Fuel Pick-up (with Fitting) Options:	
11C	70004149	1	GM Engine Machines	
11C	7019658	1	Deutz Engine Machines	
12	1001145172	1	Hydraulic Tank Assembly (See Items 101-110 for Breakdown)	
13	4420038	75 in/1.9m	Tape, Rubber	
14	4751600	AR	Flatwasher 3/8in Regular	
15	4891800	2	Flatwasher 1/2in Hardened	
16	1001150198	1	Tray	
		Ref	Note: Items 54 - 75 Used on GM Engine Machines Only	
54	4751800	2	Flatwasher 1/2in Regular	
59	0641818	2	Bolt 1/2in-13NC x 2-1/4in	
62	2221270	1	Fitting, Brass	
65	4641022	1	Valve, Needle	
66	3576755	1	Cover, Fuel Pump	
67	0100020	AR	Sealant	
68	0100062	AR	Retaining Compound #680	
69	4568119	1	Tube, Fuel	
71	3572423	1	Plate, Valve, Needle	
72	0641508	AR	Bolt 5/16in-18NC x 1in	
73	4711500	AR	Flatwasher 5/16in Thin	
74	3311505	AR	Locknut 5/16in-18NC	
75	1001118133	2	Bracket	
	1001145172	Ref	HYDRAULIC TANK ASSEMBLY	F
101	83304173	6	Flatwasher 1/4in Regular	
102	7024441	1	Gauge, Sight	
103	83304174	6	Nut 1/4in-20NC	
104	7024446	1	Plug, Magnetic	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
105	4060803	22 in/68cm	Trim	C
106	7024444	1	Cap, Vented	
107	7024439	1	Cover	
108	7024440	1	Gasket	
109	7024445	1	Strainer	
110	0100079	AR	Sealant #565	
	1001151010	Ref	LP TANK BRACKETS INSTALLATION (GM ENGINE MACHINES ONLY)	
200		Ref	Tank, LP - 43.5 Lbs Options:	
200	4400275	1	Aluminum	
200	4400420	1	Steel	
201	1320220	2	Clamp	
201	1320127	2	Clamp, Toggle (1 Per Clamp)	
202	2720144	2	Hose	
203	0100020	AR	Sealant, Pipe	
204	2221197	1	Fitting, Reducer	
205	2180125	1	Fitting, 90 Swivel	
206	2220261	1	Fitting, Nipple	
207	2180388	1	Fitting, Bulkhead	
208	2180389	1	Valve, Relief	
209	2220418	1	Fitting, Tee	
210	2180387	2	Fitting, Straight	
211	0641617	8	Bolt 3/8in-16NC x 2-1/8in	
212	4891600	16	Flatwasher 3/8in Hardened	
213	2180418	2	Fitting, Connector	
214	3311605	8	Locknut 3/8in-16NC	
215	1320218	2	Clamp, Spring	
216	3910808	2	Screw, Round Head #8-32NC x 1/2in	
217	4750800	4	Flatwasher #8 Regular	
218	3310805	2	Locknut #8-32NC	
219	0181949	2	Angle, Support	
220	2221024	2	Fitting, Union Ball Check	

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FIGURE 2-14. ROTARY COUPLING INSTALLATION



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FIGURE 2-14. ROTARY COUPLING INSTALLATION

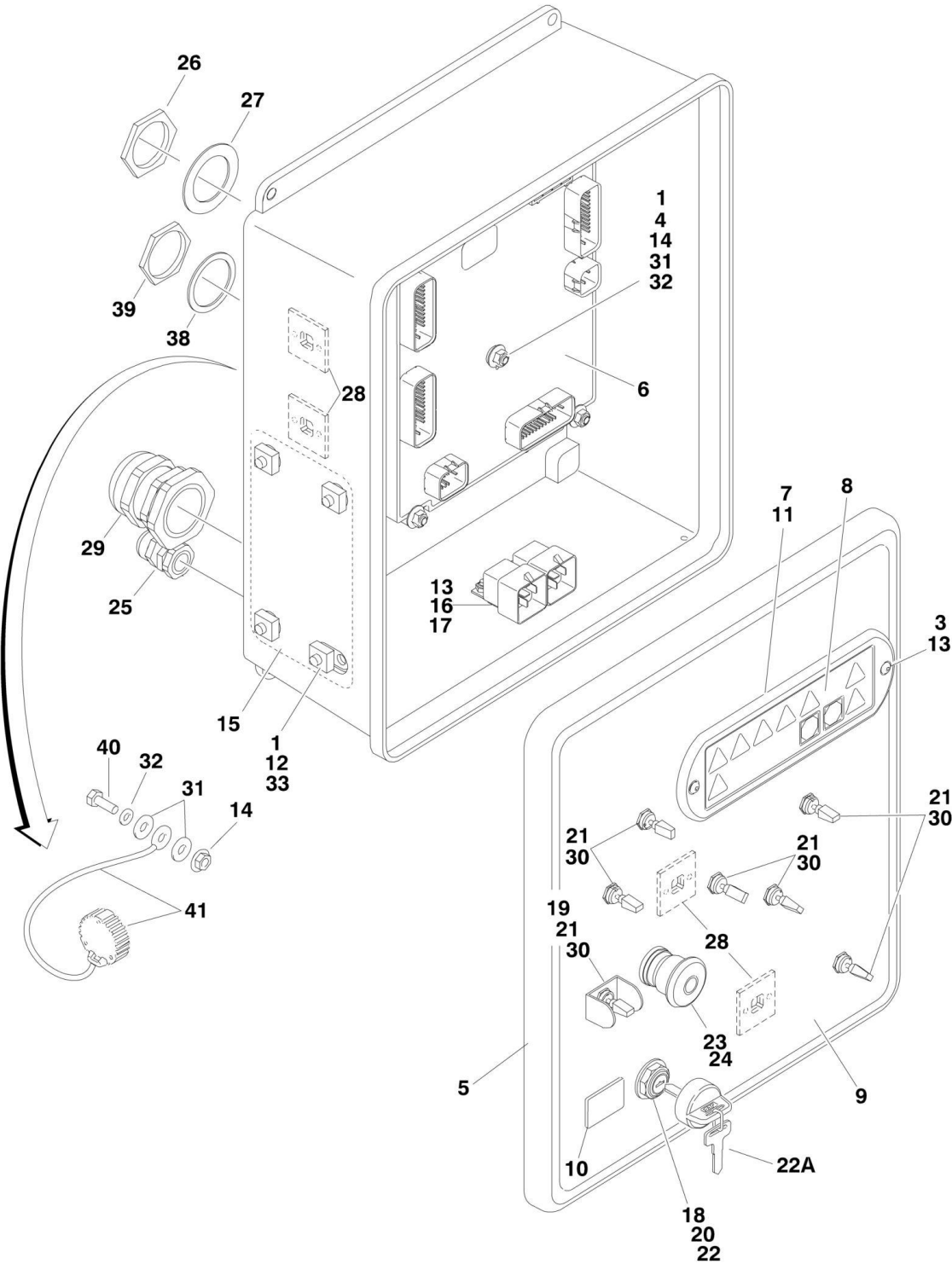
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	ROTARY COUPLING INSTALLATIONS	
	1001151303	Ref	2WS	A
	1001151304	Ref	4WS	A
1	0100011	AR	Compound, Locking	
2	0641612	2	Bolt 3/8in-16NC x 1-1/2in	
3	0641811	1	Bolt 1/2in-13NC x 1-3/8in	
4	0641820	2	Bolt 1/2in-13NC x 2-1/2in	
5	0903056	1	Bracket	
6	3271805	2	Locknut 1/2in-13NC	
7	4751600	2	Flatwasher 3/8in Regular	
8	4751800	5	Flatwasher 1/2in Regular	
9	3322201	2	Nut 3/4in-16NC	
10		Ref	Coupling, Rotary Options (See Items 101-123 for Breakdown):	
10	1001106974	1	2WS	
10	1001106975	1	4WS	
		Ref	ROTARY COUPLING ASSEMBLIES	
	1001106974	Ref	2WS	
	1001106975	Ref	4WS	
101	See Note	1	Body (Note: Not Available - Purchase Complete Rotary Coupling Assembly.)	
102		Ref	Seal Options:	
102	70001248	1	2WS	
102	70002212	1	4WS	
103	See Note	2	O-Ring (Note: Use Item 200A or 200B)	
104	See Note	1	Housing (Note: Not Available - Purchase Complete Rotary Coupling Assembly.)	
105		Ref	Seal, Cap	
105	70001248	6	2WS	
105	70002212	9	4WS	
106		Ref	O-Ring	
106	70001248	6	2WS	
106	70002212	9	4WS	
107		Ref	Ring Options:	
107	7026503	2	2WS	
107	7026511	2	4WS	
108		Ref	Ring, Retaining Options:	
108	7026504	1	2WS	
108	7013189	1	4WS	
109		Ref	Plug Options:	
109	80934561	2	2WS	
109	80934561	4	4WS	
110	See Note	1	Lug, Torque (Note: Not Available for Purchase.)	
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)	
116	7024404	1	Block Valve Assembly	
117	7026505	1	Plug	
118	7026506	1	Valve, Check	
119	7026507	1	Plug	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
120	See Note	1	Plunger, Valve (Note: Not Available - Purchase p/n 7024404)	
121	7026509	1	Spring, Compression	
122	See Note	AR	Protective Netting (Not Shown) (1660303, 1660304, 1001106974 & 1001106975 Couplings) (Note: Not Available for Purchase.)	
123		Ref	Seal Options:	
123	70001248	1	2WS	
123	70002212	1	4WS	
124	See Note	4	Screw, Socket Head #10-24NC x 1/2in (Note: Not Available - Purchase Locally.)	
125	See Note	2	Locknut #10-24NC (Note: Not Available - Purchase Locally.)	
126	See Note	4	Flatwasher #10 Regular (Note: Not Available - Purchase Locally.)	
127	70003454	1	Bracket, Switch Mounting	
128	4360517	1	Switch, Proximity	
		Ref	KIT OPTIONS	
200		Ref	Seal Kit Options:	
200A	70001248	1	1001106974 Couplings (Includes Items 102, 103, 105, 106, 113, 114, 115 & 123)	
200B	70002212	1	1001106975 Coupling (Includes Items 102, 103, 105, 106, 113, 114, 115 & 123)	

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



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

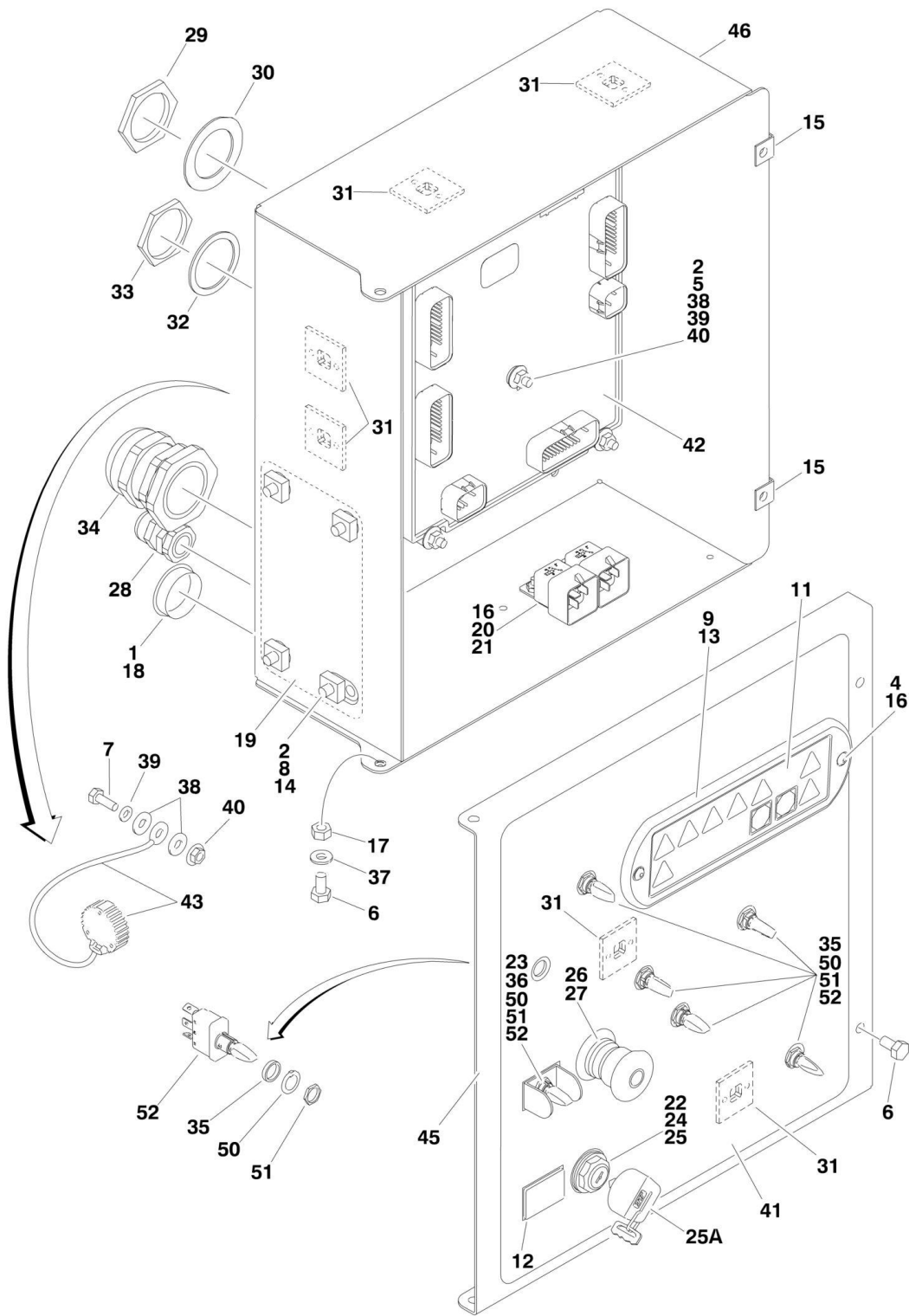
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	GROUND CONTROL BOX ASSEMBLIES	
		Ref	Ground Control Box Assemblies 600S:	
		Ref	USA Built Machines:	
	1001110349	Ref	Deutz D2011 Engine (All Specs except CE Specs)	C
	1001110352	Ref	Deutz D2011 Engine (CE Specs)	D
	1001145040	Ref	Deutz TD2.9L4 Engine	C
	1001110348	Ref	GM Engine (ANSI and ANSI Export Specs)	D
		Ref	China Built Machines:	
	1001110349	Ref	Deutz D2011 Engine (All Specs)	C
		Ref	Ground Control Box Assemblies 660SJ:	
		Ref	USA Built Machines:	
	1001110351	Ref	Deutz D2011 Engine (All Specs except CE Specs)	C
	1001110353	Ref	Deutz D2011 Engine (CE Specs)	D
	1001145041	Ref	Deutz TD2.9L4 Engine	C
	1001110350	Ref	GM Engine (ANSI and ANSI Export Specs)	D
		Ref	China Built Machines:	
	1001110351	Ref	Deutz D2011 Engine (All Specs)	C
1	0100011	AR	Compound, Locking	
2	0100048	AR	Grease, Dielectric	
3	0630518	2	Capscrew, Button Head	
4	0630548	5	Bolt	
5	1001111017	1	Box, Fiberglass	
5A	7020246	2	Latch	
6	1001103667	1	Module, Ground Control (Re-calibration Required when Replaced)	
7	1670829	1	Bezel	
8	1706712	1	Decal - Ground Control Display	
9		Ref	Decal - Faceplate Options:	
9	1001102601	1	Decal - Faceplate 600S	
9	1001102602	1	Decal - Faceplate 660SJ	
10	2420172	1	Gauge, Hourmeter	
11	2760105	1	Housing, Display Light	
12	3300205	4	Nut, Retainer	
13	3300408	4	Locknut, Plastic Insert	
14	77143013	11	Nut 1/4in-20NC, Whiz Lock	
15	3539219	1	Plate, Reinforcement	
16	3740049	2	Relay	
17	3900268	AR	Screw, Flange #10 x 1/2in	
18	3910804	6	Screw #8-32NC x 1/4in	
19	4060906	1	Shield, Toggle Switch	
20		Ref	Shim Options:	
20	4070987	1	Shim (.125in)	
20	1001151393	1	Shim (.063in)	
21	4360328	Ref	Switch, Toggle	
21	4360328	6	Switch, Toggle 600S	
21	4360328	7	Switch, Toggle 660SJ	
22		Ref	Switch, Key Options:	
22	4360469	1	All Specs Except CE Specs	
22	4360470	1	CE Specs	
22A	2860030	1	Key Replacement	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
23	4360475	1	Switch, Emergency Stop	
24	4360476	1	Switch, Contact Block	
25	4460426	1	Terminal, Strain Relief	
26	4460470	1	Nut, Terminal	
27	4460471	1	Lockwasher, Terminal	
28	4460488	6	Mounting Base, Terminal	
29	4460526	1	Connector, Strain Relief	
30	4740444	AR	Washer, Special	
31	4751400	12	Flatwasher 1/4in Regular	
32	4761400	6	Lockwasher 1/4in	
33	0641506	4	Bolt 5/16in-18NC x 3/4in	
34	4923206	1	Harness, Valve (See ELECTRICAL SECTION for Breakdown) (Not Shown)	
35		Ref	Harness, Engine Options (See ELECTRICAL SECTION for Breakdown) (Not Shown):	
35	1001110361	1	Deutz D2011 Engine	
35	1001145046	1	Deutz TD2.9L4 Engine	
35	1001110359	1	GM Engine	
36		Ref	Harness, Ground Control Box Options (See ELECTRICAL SECTION for Breakdown) (Not Shown):	
36	1001108602	1	Deutz D2011 Engine	
36	1001145993	1	Deutz TD2.9L4 Engine	
36	1001108602	1	GM Engine	
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	

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FIGURE 2-16. GROUND CONTROL BOX ASSEMBLY (STEEL BOX)



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FIGURE 2-16. GROUND CONTROL BOX ASSEMBLY (STEEL BOX)

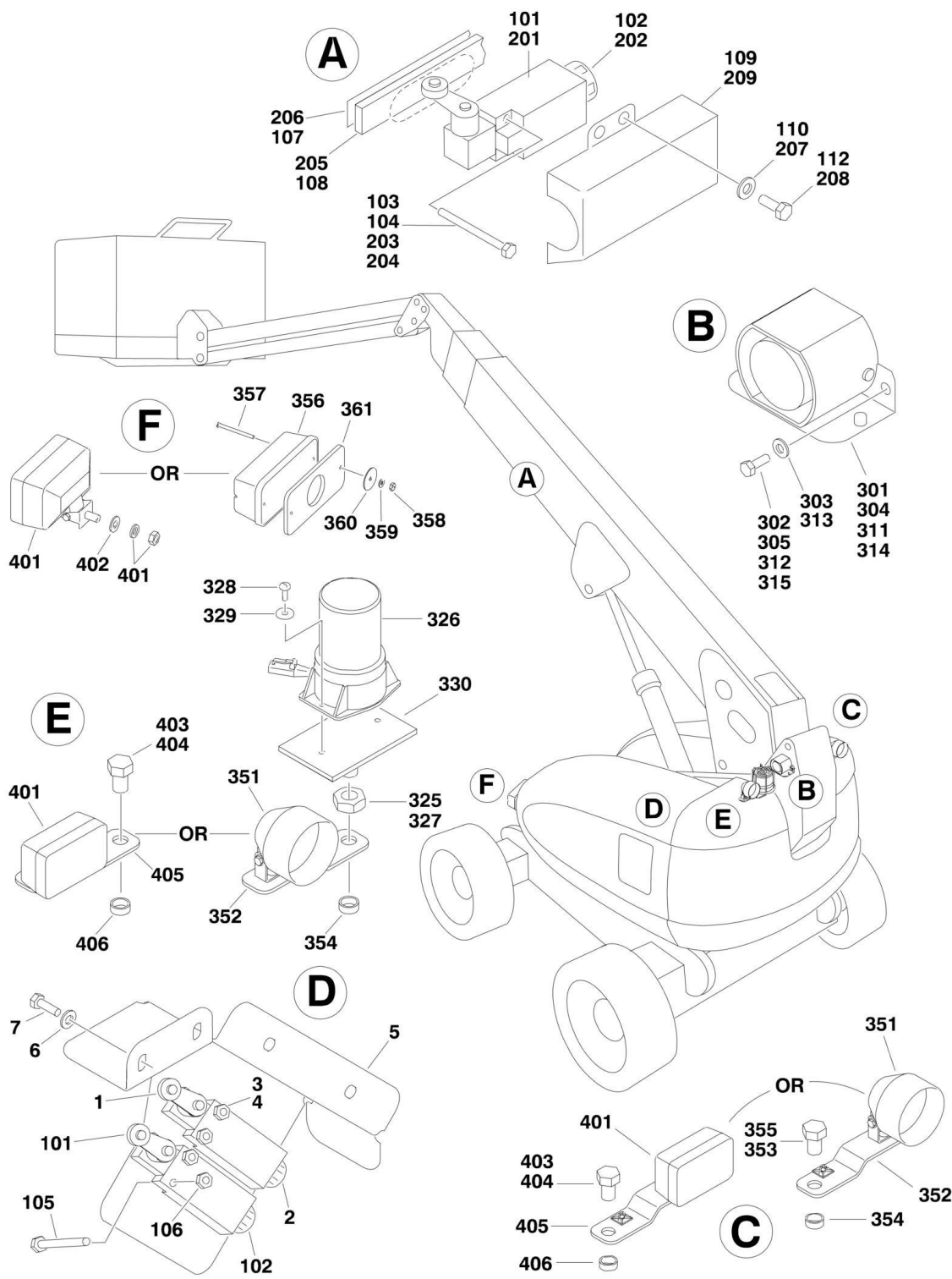
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Only Available on USA Built Machines.	
		Ref	GROUND CONTROL BOX ASSEMBLIES	
		Ref	Ground Control Box Assemblies 600S:	
	1001154652	Ref	Deutz D2011 Engine (All Specs except CE Specs)	C
	1001154655	Ref	Deutz D2011 Engine (CE Specs)	D
	1001165550	Ref	Deutz TD2.9L4 Engine	C
	1001154651	Ref	GM Engine (ANSI and ANSI Export Specs)	D
		Ref	Ground Control Box Assemblies 660SJ:	
	1001154654	Ref	Deutz D2011 Engine (All Specs except CE Specs)	C
	1001154656	Ref	Deutz D2011 Engine (CE Specs)	D
	1001165549	Ref	Deutz TD2.9L4 Engine	C
	1001154653	Ref	GM Engine (ANSI and ANSI Export Specs)	D
1	0100009	AR	Sealant	
2	0100011	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric (Not Shown)	
4	0630518	2	Capscrew, Button Head	
5	0630548	5	Bolt	
6	0641404	4	Bolt 1/4in-20NC x 1/2in	
7	0641407	1	Bolt 1/4in-20NC x 7/8in	
8	0641506	4	Bolt 5/16in-18NC x 3/4in	
9	1670829	1	Bezel	
11	1706712	1	Decal - Ground Control Display	
12	2420172	1	Gauge, Hourmeter	
13	2760105	1	Housing, Display Light	
14	3300205	4	Nut, Retainer	
15	3300353	2	Nut, Tinnerman	
16	3300408	4	Locknut, Plastic Insert	
17	3311405	2	Locknut 1/4in-20NC	
18	3520035	1	Plug	
19	3539219	1	Plate, Reinforcement	
20	3740049	2	Relay	
21	3900268	2	Screw, Flange #10 x 1/2in	
22	3910804	6	Screw #8-32NC x 1/4in	
23	4060906	1	Shield, Toggle Switch	
24	4070991	1	Shim (.125in)	
25		Ref	Switch, Key Options:	
25	4360469	1	All Specs Except CE Specs	
25	4360470	1	CE Specs	
25A	2860030	1	Key Replacement	
26	4360475	1	Switch, Emergency Stop	
27	4360476	1	Switch, Contact Block	
28	4460426	1	Terminal, Strain Relief	
29	4460470	1	Nut, Terminal	
30	4460471	1	Lockwasher, Terminal	
31	4460488	6	Mounting Base, Terminal	
32	4460496	1	Lockwasher, Terminal	
33	4460497	1	Nut, Terminal	
34	4460526	1	Connector, Strain Relief	
35	4740397	Ref	Washer, Spacer Options:7	
35	4740397	5	Washer, Spacer 600S	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
35	4740397	6	Washer, Spacer 660SJ	
36	4740444	1	Washer, Special	
37	4740518	2	Washer, Special	
38	4751400	12	Flatwasher 1/4in Regular	
39	4761400	6	Lockwasher 1/4in	
40	77143013	11	Nut 1/4in-20NC, Whiz Lock	
41		Ref	Decal - Faceplate Options:	
41	1001102601	1	Decal - Faceplate 600S	
41	1001102602	1	Decal - Faceplate 660SJ	
42	1001103667	1	Module, Ground Control (Re-calibration Required when Replaced)	
43	1001106736	1	Cap, Dust	
44		Ref	Harness, Ground Control Box Options (See ELECTRICAL SECTION for Breakdown) (Not Shown):	
44	1001108602	1	Deutz D2011 Engine and GM Engine	
44	1001145993	1	Deutz TD2.9L4 Engine	
45	1001152174	1	Control Box Lid, Steel	
46	1001169234	1	Control Box, Steel	
47		Ref	Harness, Engine Options (See ELECTRICAL SECTION for Breakdown) (Not Shown):	
47	1001154390	1	Deutz D2011 Engine	
47	1001164563	1	Deutz TD2.9L4 Engine	
47	1001154388	1	GM Engine	
48	1001154393	1	Harness, Valve (See ELECTRICAL SECTION for Breakdown) (Not Shown)	
50	1001155043	Ref	Washer, Special	
50	1001155043	6	Washer, Special 600S	
50	1001155043	7	Washer, Special 660SJ	
51	1001155044	Ref	Nut, Special	
51	1001155044	6	Nut, Special 600S	
51	1001155044	7	Nut, Special 660SJ	
52	1001155045	Ref	Switch, Toggle	
52	1001155045	6	Switch, Toggle 600S	
52	1001155045	7	Switch, Toggle 660SJ	

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FIGURE 2-17. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED)



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FIGURE 2-17. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0255335	Ref	LIMIT SWITCH INSTALLATION - ABOVE HORIZONTAL (ALL SPECS EXCEPT CE SPEC)	G
1	4360578	1	Switch, Limit	
2	4460968	1	Connector, Strain Relief	
3		Ref	Capscrew Options:	
3	3931028	2	Capscrew, Socket Head #8-32NC x 1-3/4in	
3	3930828	2	Capscrew, Socket Head #10-24NC x 1-3/4in	
4		Ref	Locknut Options:	
4	3310805	2	Locknut #8-32NC	
4	3311005	2	Locknut #10-24NC	
5	1670818	1	Cover, Limit Switch	
6	4751400	4	Flatwasher 1/4in Regular	
7	3931408	4	Capscrew 1/4in-20NC x 1in	
	0255698	Ref	LIMIT SWITCHES INSTALLATION - DUAL CAPACITY (600S ALL SPECS EXCEPT CE AND LATIN AMERICAN SPECS)	7-D
101	4360578	1	Switch, Limit	
102	4460968	2	Connector, Strain Relief	
103	0100035	AR	Compound, Locking	
104	3930816	2	Capscrew, Socket Head #8-32NC x 1in	
105	3930828	2	Capscrew, Socket Head #8-32NC x 1-3/4in	
106	3310805	2	Locknut #8-32NC	
107	4420054	9 ft/2.7m	Tape, Double Sided	
108	1001106479	1	Bar, Fiberglass	
109	1670824	1	Cover, Limit Switch	
110	4751400	4	Flatwasher 1/4in Regular	
112	0641403	4	Bolt 1/4in-20NC x 3/8in	
	0256305	Ref	TRANSPORT SWITCH INSTALLATION (CE SPEC)	6
201	4360578	1	Switch, Limit	
202	4460968	1	Connector, Strain Relief	
203	3930828	2	Capscrew, Socket Head #8-32NC x 1-3/4in	
204	3310805	2	Locknut #8-32NC	
205	1001106481	1	Bar, Fiberglass	
206	4420060	AR	Tape, Double-Sided	
207	4751400	4	Flatwasher 1/4in Regular	
208	0641403	4	Bolt 1/4in-20NC x 3/8in	
209	3380535	1	Cover, Limit Switch	
		Ref	ALARM INSTALLATIONS	
		Ref	USA Built Machines:	
	0270833	Ref	Alarm Installations (SN 0300171769 through 0300181890)	D
	0270833	Ref	China Built Machines	D
301		Ref	Alarm/Harness Assembly	
301	0140032	1	Alarm	
301	2820035	6 in/15cm	Loom	
301	4460424	1	Plug	
301	4460268	2	Socket	
302	0641406	2	Bolt 1/4in-20NC x 3/4in	
303	4711400	2	Flatwasher 1/4in Thin	
304	0100048	AR	Sealant, Silicone	
305	0100011	AR	Compound, Locking	
		Ref	ALARM INSTALLATIONS	

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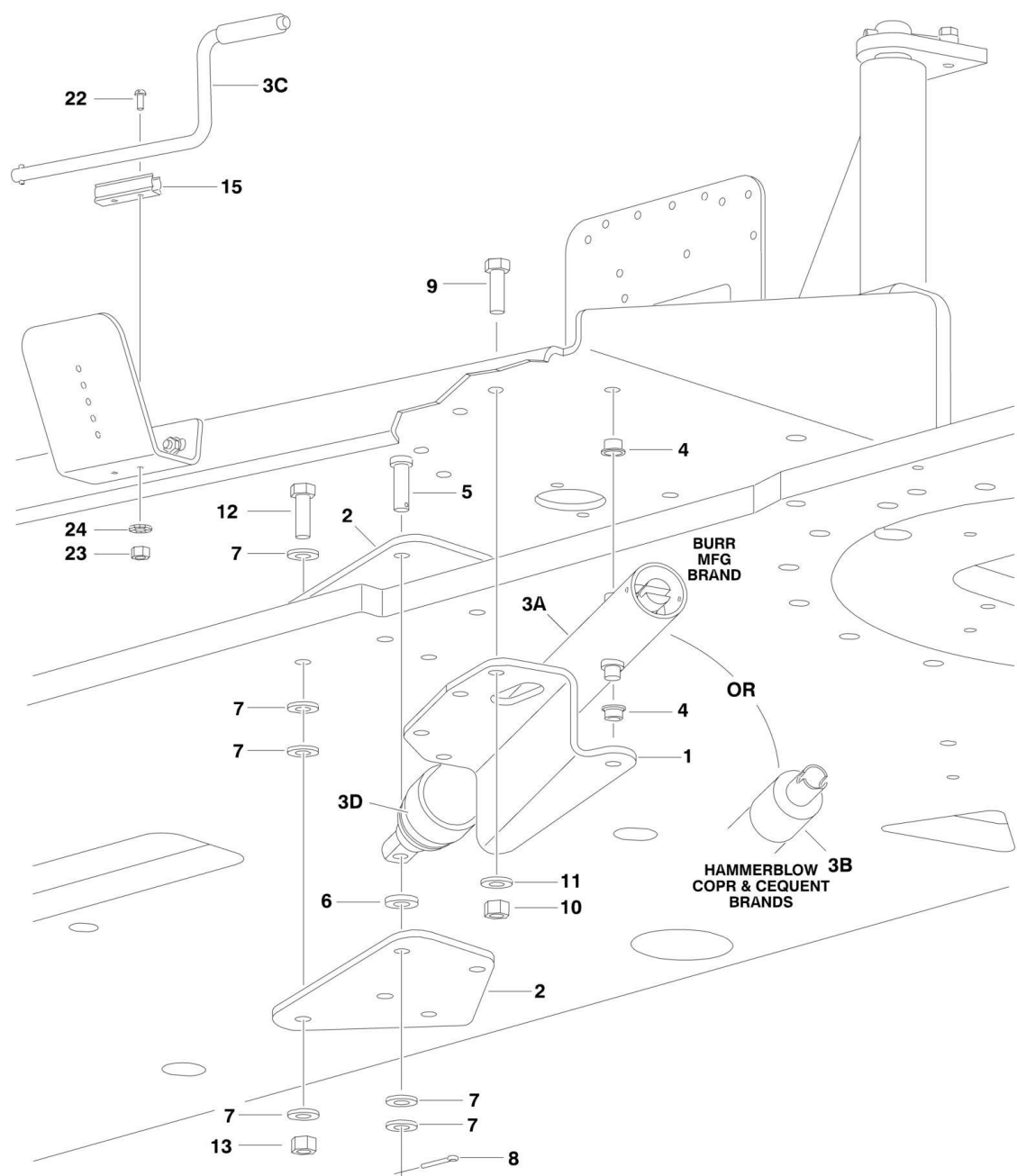
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001160074	Ref	USA Built Machines (SN 0300181891 to Present)	A
311	0140044	1	Alarm/Motion/Descent/Horn	
312	0641406	2	Bolt 1/4in-20NC x 3/4in	
313	4711400	2	Flatwasher 1/4in Thin	
314	0100048	AR	Sealant, Silicone	
315	0100011	AR	Compound, Locking	
		Ref	STROBE LIGHT INSTALLATIONS (AMBER) (OPTIONAL)	
		Ref	USA Built Machines:	
	1001149955	Ref	Strobe Light Installations (SN 0300171769 through 0300181890)	A
	1001160077	Ref	Strobe Light Installations (SN 0300181891 to Present)	A
	1001149955	Ref	China Built Machines	A
	1001150406	Ref	STROBE LIGHT INSTALLATION (AMBER)	A
325	0100035	AR	Compound, Locking	
326	2920161	1	Strobe Light/Harness Assembly	
326	7016319	1	Bulb	
326	7016372	1	Lens	
327	3312602	1	Nut, Jam 1in-8NC	
328	3900085	2	Screw #10-32 x 1/2in	
329	4751000	2	Flatwasher 1/4in Thin	
330	1001149994	1	Mount Strobe	
331	1001149818	1	Harness, Strobe Light Options (Not Shown - See ELECTRICAL SECTION for Breakdown):	
331		Ref	USA Built Machines	
331	1001149818	1	Harness, Strobe Light (SN 0300171769 through 0300181890)	
331	Not Required	1	Harness, Strobe Light (SN 0300181891 to Present)	
331	1001149818	1	China Built Machines	
	1001151306	Ref	LIGHTS INSTALLATIONS (OPTIONAL)	A
351	2920110	2	Headlight	
352	0902206	2	Bracket, Mounting	
353	0642612	1	Bolt 1in-8NC x 1-1/2in	
354	4220162	2	Spacer	
355	0100011	AR	Compound, Locking	
356	2920113	2	Taillight	
357	3911040	4	Screw, Machine #10-24NC x 2-1/2in	
358	3311005	4	Nut #10-24NC	
359	4751000	4	Flatwasher #10 Regular	
360	4740362	4	Washer, Fender	
361	3960461	2	Gasket	
363	4240032	AR	Tie-Strap (Not Shown)	
364	4460234	AR	Mount, Tie-Strap (Not Shown)	
365	4360522	1	Switch, Push Button (Not Shown - Located on Console)	
366	1705170	1	Decal - Lights (Not Shown - Located on Console)	
	1001151307	Ref	CHASSIS ILLUMINATION LIGHT INSTALLATION (OPTIONAL)	A
401	2920157	4	Lamp, Worklight	
402	4740546	4	Washer, Rubber	
403	0100011	AR	Compound, Locking	
404	0642612	2	Bolt 1in-8NC x 1-1/2in	
405	0902206	2	Bracket, Light Mounting	
406	4220162	2	Spacer	
408	4360522	1	Switch, Push Button (Not Shown - Located on Console)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
409	4240032	AR	Strap, Tie (Not Shown)	
410	4460234	AR	Mount, Cable (Not Shown)	
411	1705170	1	Decal - Lights (Not Shown - Located on Console)	

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FIGURE 2-18. ENGINE TRAY JACK INSTALLATION (OPTIONAL)



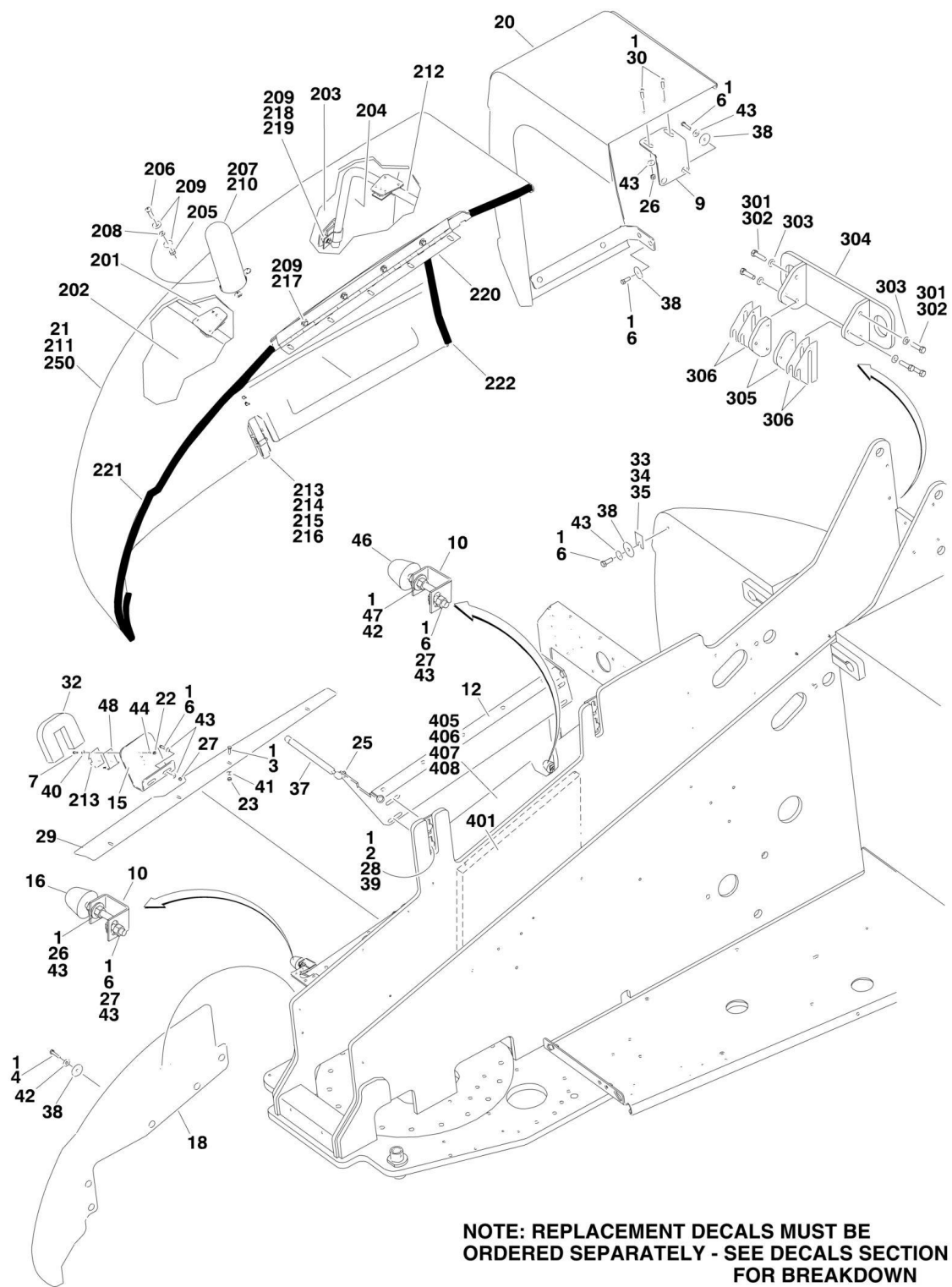
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FIGURE 2-18. ENGINE TRAY JACK INSTALLATION (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0255881	Ref	ENGINE TRAY JACK INSTALLATION	3-G
1	3537445	1	Bracket	F
2	3537446	2	Bracket	
3	2840016	1	Hydraulic Jack Assembly Options:	
3A	2840016	1	Burr Manufacturing Brand	
3B	2840016	1	Hammerblow Corp and Cequent Brands	
3C		Ref	Handle Options:	
3C	7016374	1	Burr Manufacturing Brand	
3C	7024598	1	Hammerblow Corp and Cequent Brands	
3D	7016322	1	Wiper (Burr Manufacturing Brand Only)	
4	0962051	2	Bushing, Flanged	
5	3430816	1	Pin, Clevis	
6	4891800	1	Flatwasher 1/2in Hardened	
7	4711800	6	Flatwasher 1/2in Thin	
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	Flatwasher 3/8in Hardened	
12	0641818	4	Bolt 1/2in-13NC x 2-1/4in	
13	3311805	4	Locknut 1/2in-13NC	
15	1380147	1	Clip, Spring	
22	3910608	2	Screw #6-32NC x 1in	
23	3310601	2	Nut #6-32NC	
24	4770600	2	Starwasher #6	

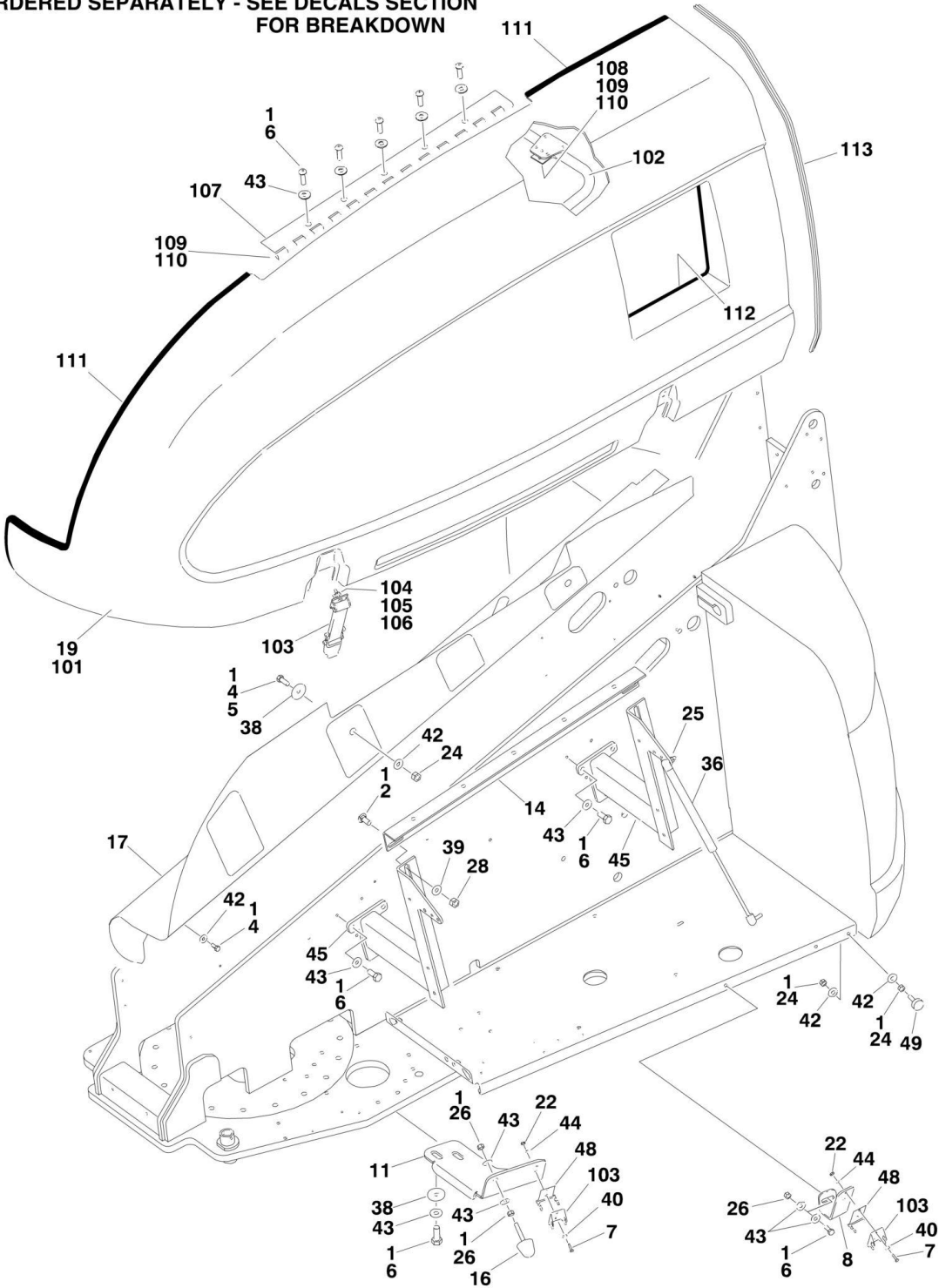
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FIGURE 2-19. HOODS (ABS) AND LIFTING PLATE INSTALLATIONS



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NOTE: REPLACEMENT DECALS MUST BE ORDERED SEPARATELY - SEE DECALS SECTION FOR BREAKDOWN



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FIGURE 2-19. HOODS (ABS) AND LIFTING PLATE INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Only Available on Australian and CE Specs.	
		Ref	Note: Steel Hood Replacement Kits are available for machines built with Deutz engines (Purchase p/n 1001126286) or GM engines (Purchase p/n 1001126287).	
		Ref	Note: ABS Hoods Not Available on Machines with GM Engines.	
	0274751	Ref	HOODS INSTALLATIONS	I
1	0100011	AR	Compound, Locking	
2	0630507	6	Bolt, Carriage 1/2in-13NC x 1-1/4in	
3	0641406	4	Bolt 1/4in-20NC x 3/4in	
4	0641506	14	Bolt 5/16in-18NC x 3/4in	
6	0641608	28	Bolt 3/8in-16NC x 1in	
7	0721006	6	Bolt #10-24NC x 3/4in	
8	0902143	1	Bracket	
9	0902161	1	Bracket, Hood Spacer	
10	0902219	2	Bracket, Bumper	
11	0902223	1	Bracket, Latch	
12	0902351	1	Bracket, Hood Mount	
14	0902416	1	Bracket, Hood Mount	
15	0902491	1	Bracket, Hood Latch	
16	0940071	2	Bumper	
17	1670771	1	Cover	
18		Ref	Cover, Engine/Turntable Options:	
18		Ref	USA Built Machines	
18	1670779	1	Cover, Engine/Turntable (SN 0300171769 through 0300181890)	
18	1001158206	1	Cover, Engine/Turntable (SN 0300181891 to Present)	
18	1001158206	1	China Built Machines	
19	1671228	1	Hood, Tank Side	
20	1671233	1	Hood, Engine Spacer	
21	1671247	1	Hood, Engine Side	
22	3311001	6	Nut #10-24NC	
23	3311405	4	Locknut 1/4in-20NC	
24	3311501	6	Nut 5/16in-18NC	
25	3311505	3	Locknut 5/16in-18NC	
26	3311601	6	Nut 3/8in-16NC	
27	3311605	5	Locknut 3/8in-16NC	
28	3311805	6	Locknut 1/2in-13NC	
29	3571712	1	Plate, Seal	
30	3900232	2	Screw, Button Head 3/8in-16NC x 1-1/4in	
31	3960389	3.5 ft/1.1m	Seal	
32	3960470	1	Seal	
33	4070410	1	Shim 1/16in	
34	4070411	AR	Shim 1/8in	
35	4070412	AR	Shim 3/16in	
36	4160139	2	Spring, Gas (Tank Side)	
37	4160143	1	Spring, Gas (Engine Side)	
38	4740076	16	Washer, Fender	
39	4740171	6	Flatwasher, Hardened	
40	4751000	6	Flatwasher #10 Regular	

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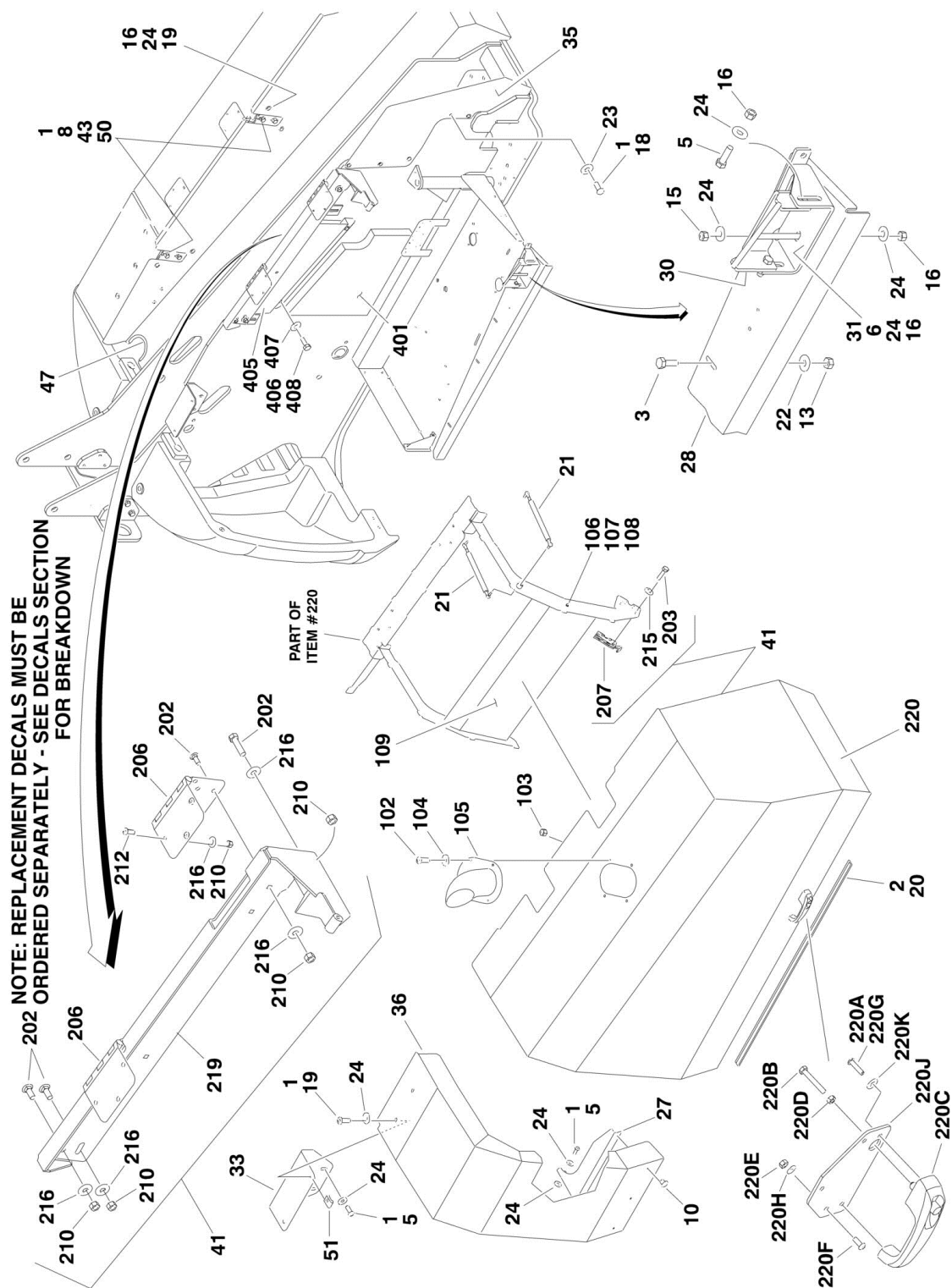
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
41	4751400	4	Flatwasher 1/4in Regular	A
42	4751500	AR	Flatwasher 5/16in Regular	
43	4751600	AR	Flatwasher 3/8in Regular	
44	4761000	6	Lockwasher #10	
45	4845356	2	Hood Mount Weldment	
46	0940088	1	Bumper	
47	3321501	2	Nut 5/16in-24NF	
48	2940188	3	Latch, Spring Clip	
49	0940049	1	Stopper, Hood	
	1671228	Ref	HOOD TANK SIDE	
101	1671231	1	Shell, Tank Side	
102	1671232	1	Frame, Tank Side	
103	2940088	2	Latch	
104	0721008	4	Bolt #10-24NC x 1in	D
105	4751000	4	Flatwasher #10 Regular	
106	3311001	4	Nut #10-24NC	
107	2600233	1	Hinge	
108	1321384	4	Hold Down	
109	0641606	9	Bolt 3/8in-16NC x 3/4in	
110	4751600	9	Flatwasher 3/8in Regular	
111	3960464	7 ft/2.1m	Seal	
112	3960438	5 ft/1.5m	Seal	
113	3960462	4.5 ft/1.4m	Seal	
	1671247	Ref	HOOD ENGINE SIDE OPTIONS:	B
201	1001101391	1	Foam, Acoustical	
202	2820233	1	Insulation, Rear	
203	2820234	1	Insulation, Center	
204	2820235	1	Insulation, Rear	
205	3311605	3	Locknut 3/8in-16NC	
206	3900232	3	Screw, Button Head 3/8in-16NC x 1-1/4in	
207	1001101392	1	Gasket, Heat	
208	4740500	3	Washer, Special	
209	4751600	AR	Flatwasher 3/8in Regular	
210	4845411	1	Exhaust Stack Options:	
211	1001097961	1	Shell, Engines Side (was p/n 1671229)	
212	1671230	1	Frame, Engine Side	
213	2940088	1	Latch	B
214	0721008	2	Bolt #10-24NC x 1in	
215	4751000	2	Flatwasher #10 Regular	
216	3311001	2	Nut #10-24NC	
217	0641608	AR	Bolt 3/8in-16NC x 1in	
218	1321384	4	Hold Down	
219	0641606	4	Bolt 3/8in-16NC x 3/4in	
220	2600209	1	Hinge	
221	3960464	5.5 ft/1.7m	Seal	
222	3960462	5.1 ft/1.6m	Seal	
250	1001097961	1	Hood Kit (Engine Side) (Includes items 201-204, 207, 208 & 211)	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	

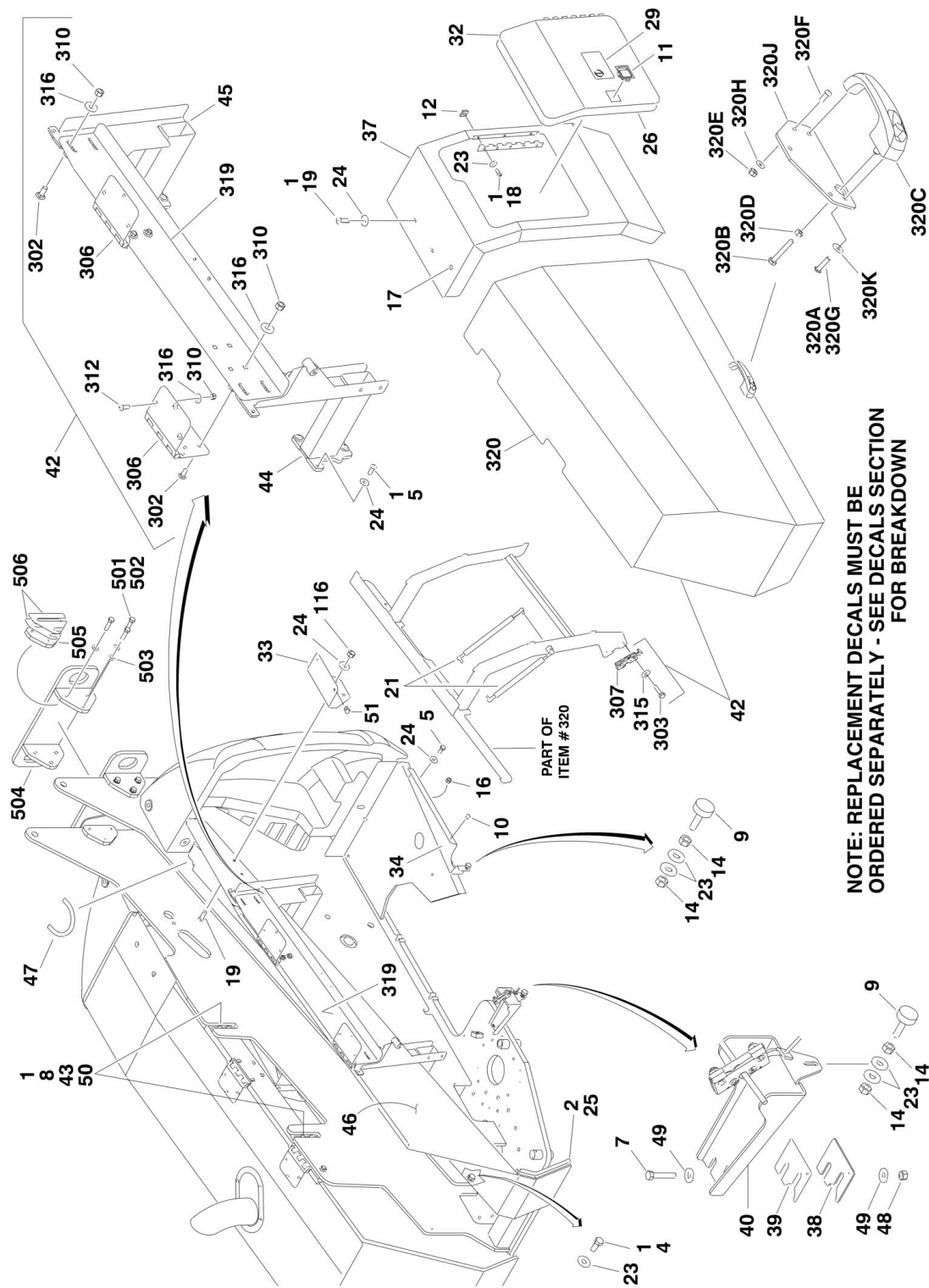
SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150400	Ref	LIFTING PLATE INSTALLATION	B
301	0100019	AR	Compound, Locking	
302	0682018	6	Bolt 5/8in-11NC x 2-1/4in Grade 8	
303	4892000	6	Flatwasher 5/8in Hardened	
304	1001149928	1	Plate, Lifting	
305	1001149952	2	Plate	
306	1001151501	AR	Shim	
	0256823	Ref	NOISE REDUCTION INSTALLATION	3
401	2820078	1	Foam, Acoustical	
405	3539955	1	Plate, Baffle	
406	0641506	2	Bolt 5/16in-18NC x 3/4in	
407	4751500	2	Flatwasher 5/16in Regular	
408	0100011	AR	Compound, Locking	

SECTION 2 - TURNTABLE

FIGURE 2-20. HOODS (STEEL) AND LIFTING PLATE INSTALLATIONS (DEUTZ D2011 AND GM ENGINES)





SECTION 2 - TURNTABLE

FIGURE 2-20. HOODS (STEEL) AND LIFTING PLATE INSTALLATIONS (DEUTZ D2011 AND GM ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150241	Ref	HOODS INSTALLATIONS	B
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0641406	4	Bolt 1/4in-20NC x 3/4in	
4	0641506	5	Bolt 5/16in-18NC x 1in	
5	0641608	14	Bolt 3/8in-16NC x 7/8in	
6	0641611	2	Bolt 3/8in-16NC x 1-3/8in	
7	0681618	2	Bolt 3/8in-16NC x 2-1/4in (Grade 8)	
8		Ref	Fastener Options:	
8	0641810	8	Bolt 1/2in-13NC x 1-1/4in	
8	0811812	8	Screw 1/2in-13NC x 1-1/2in	
9	0940049	2	Stopper, Hood	
10	2080040	6	Fastener, Huck	
11	2940045	1	Latch, Paddle	
12		Ref	Nut Options:	
12	3300364	3	Nut, Tinnerman	
12	3311505	3	Locknut 5/16in-18NC	
13	3311405	4	Locknut 1/4in-20NC	
14	3311501	4	Nut 5/16in-18NC	
15	3311601	1	Nut 3/8in-16NC	
16	3311605	AR	Locknut 3/8in-16NC	
17	3520030	1	Plug, Hole	
18	3900210	8	Screw, Button Head 5/16in-18 x 3/4in	
19	3900316	10	Screw, Button Head 3/8in-16NC x 1in	
20	3960389	50 in/1.3m	Seal	
21	4160194	4	Spring, Gas	
22	4751400	4	Flatwasher 1/4in Regular	
23	4751500	AR	Flatwasher 5/16in Regular	
24	4751600	AR	Flatwasher 3/8in Regular	
25	1001110166	12 ft/30cm	Seal	
26	1001113047	77 in/2m	Seal	
27	1001117234	1	Bracket, Hood	
28	1001117249	1	Plate, Seal	
29	1001117307	1	Decal - Emergency Stop	
30	1001117523	1	Bracket, Striker Plate	
31	1001117525	1	Bracket, Striker Plate	
32	1001117598	1	Door	
33		Ref	Bracket, Hood Mounting Options:	
33	1001118264	2	Bracket, Hood Mounting (SN 0300171769 through 0300179027)	
33	1001157867	2	Bracket, Hood Mounting (SN 0300179028 to Present)	
34	1001118550	1	Bracket, Hood Support	
35	1001118735	1	Plate, Filler	
36	1001119283	1	Hood, Fixed Engine Side	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
37	1001121061	1	Hood Assembly - Fixed Tank Side	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
38	1001121118	AR	Shim 3mm	

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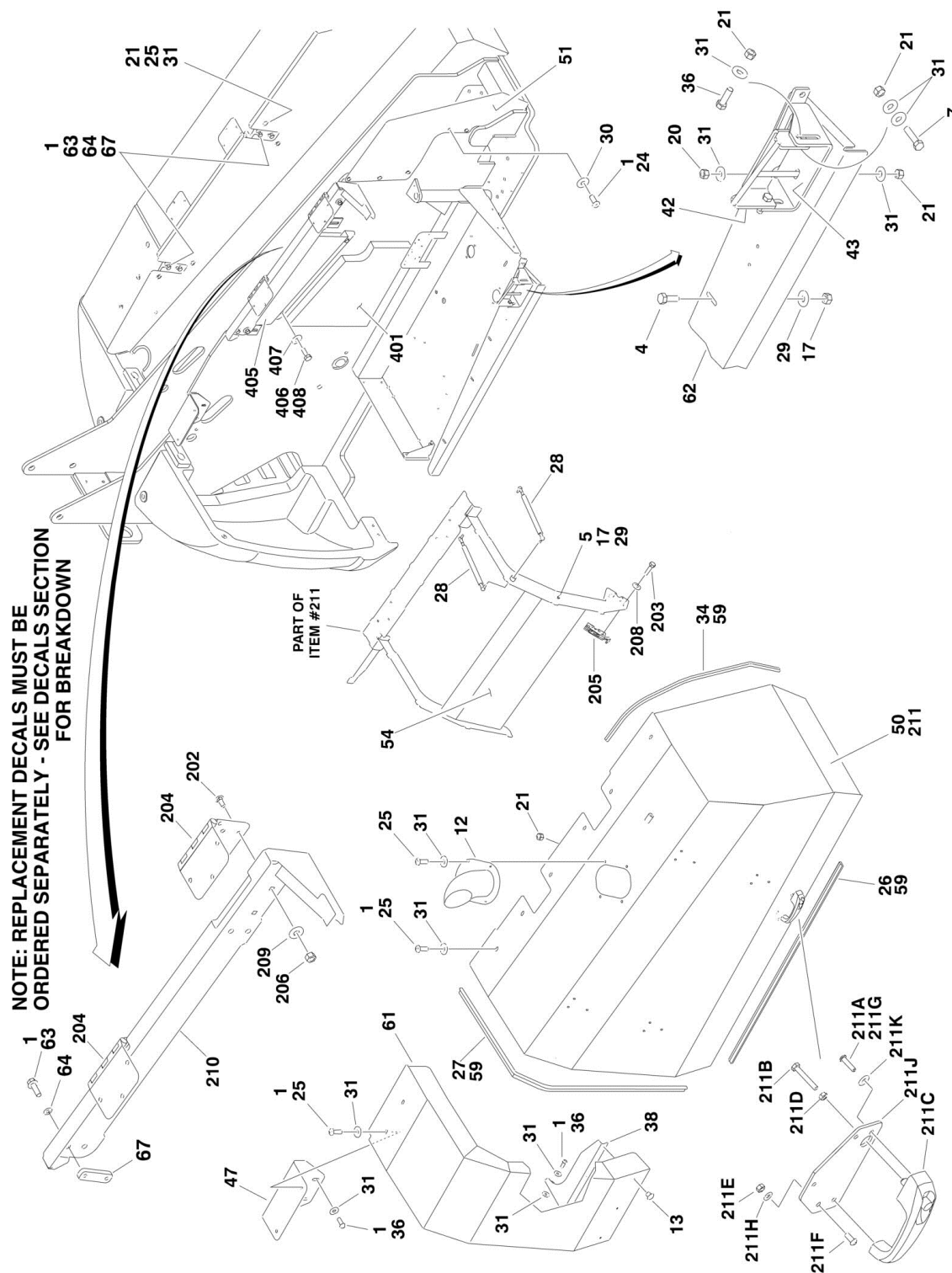
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
39	1001121119	AR	Shim 1.5mm	
40	1001125097	1	Bracket, Striker	
41	1001150243	1	Hood Assembly - Engine Side (See Items 201-220K for Breakdown)	
		Ref	Note: Customer must transfer Item 109 Heat Shield to Hood Assembly before putting machine back in service.	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
42	1001150244	1	Hood Assembly - Tank Side (See Items 301-320H for Breakdown)	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
43	1001150260	4	Plate, Hinge	
44	1001150332	1	Bracket	
45	1001150333	1	Bracket	
46	1001150370	1	Trough, Power Track	
47	90206194	10 in/24cm	Trim-Lock	
48	3271605	2	Locknut 3/8in-16NC	
49	4891600	4	Flatwasher 3/8in Hardened	
50	2080072	4	Retainer	
51	88662523	4	Nut, Tinnerman	
		Ref	HOODS INSTALLATIONS	
	1001151295	Ref	Deutz D2011 Engines	
	1001151294	Ref	GM Engines	
102	3311605	4	Locknut 3/8in-16NC	
103	3900316	4	Screw, Button Head 3/8in-16NC x 1in	A A
104	4751600	4	Flatwasher 3/8in Regular	
105	1001116457	1	Stack, Exhaust	
106	0641406	3	Bolt 1/4in-20NC x 3/4in	
107	3311405	3	Locknut 1/4in-20NC	
108	4751400	3	Flatwasher 1/4in Regular	
109	1001150561	1	Shield, Heat	
	1001150243	Ref	HOOD ENGINE SIDE ASSEMBLY	
		Ref	Note: Customer must transfer Item 109 Heat Shield to Hood Assembly before putting machine back in service.	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
202	0630485	8	Bolt, Carriage	B
203	0641408	4	Bolt 1/4in-20NC x 1in	
206	2600280	2	Hinge, Offset	
207	2940173	1	Latch, Rotary	
208 to 209	Not Required	0	Nut M6	
210	3311605	14	Locknut 3/8in-16NC	
212	3900316	6	Screw, Button Head 3/8in-16NC x 1in	
215	4751400	4	Flatwasher 1/4in Regular	
216	4751600	14	Flatwasher 3/8in Regular	
219	1001150253	1	Bracket	
220	1001157208	1	Hood with Latch	B
		Ref	Note: Customer must transfer Item 109 Heat Shield to Hood before putting machine back in service.	
220A	0100011	AR	Compound, Locking	
220B	0700616	1	Bolt M6 x 40mm	
220C	2560187	1	Handle, Push Button	

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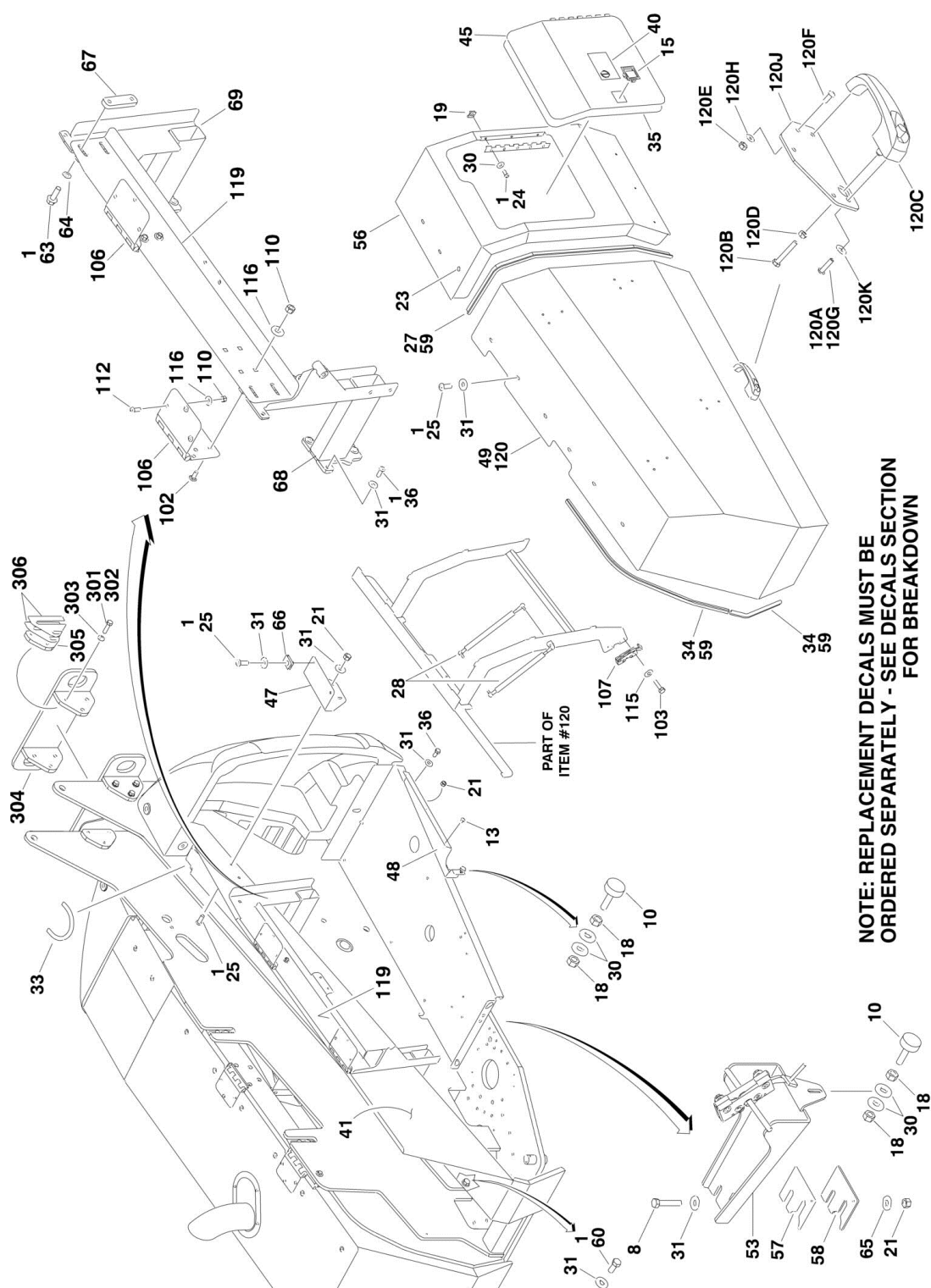
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
220D	3290601	1	Nut M6	B
220E	3311505	3	Locknut 5/16in-18NC	
220F	3900210	3	Screw, Button Head 5/16in-18NC x 3/4in	
220G	3900363	2	Screw, Button Head M6 x 25mm	
220H	4711500	5	Flatwasher 5/16in Thin	
220J	1001116290	1	Plate, Latch Mounting	
220K	4751400	4	Flatwasher 1/4in Regular	
	1001150244	Ref	HOOD TANK SIDE ASSEMBLY	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
302	0630485	8	Bolt, Carriage	B
303	0641408	4	Bolt 1/4in-20NC x 1in	
306	2600280	2	Hinge, Offset	
307	2940173	1	Latch, Rotary	
310	3311605	14	Locknut 3/8in-16NC	
312	3900316	6	Screw, Button Head 3/8in-16NC x 1in	
315	4751400	4	Flatwasher 1/4in Regular	
316	4751600	14	Flatwasher 3/8in Regular	
317	1001116290	1	Plate, Latch Mounting	
319	1001150339	1	Bracket	
320	1001157209	1	Hood with Latch	3
320A	0100011	AR	Compound, Locking	
320B	0700616	1	Bolt M6 x 40mm	
320C	2560187	1	Handle, Push Button	
320D	3290601	1	Nut M6	
320E	3311505	3	Locknut 5/16in-18NC	
320F	3900210	3	Screw, Button Head 5/16in-18NC x 3/4in	
320G	3900363	2	Screw, Button Head M6 x 25mm	
320H	4711500	5	Flatwasher 5/16in Thin	
320J	1001116290	1	Plate, Latch Mounting	
320K	4751400	4	Flatwasher 1/4in Regular	B
	0256823	Ref	NOISE REDUCTION INSTALLATION (DIESEL MACHINES)	
401	2820078	1	Foam, Acoustical	
405	3539955	1	Plate, Baffle	
406	0641506	2	Bolt 5/16in-18NC x 3/4in	
407	4751500	2	Flatwasher 5/16in Regular	
408	0100011	AR	Compound, Locking	
	1001150400	Ref	LIFTING PLATE INSTALLATION	
501	0100019	AR	Compound, Locking	
502	0682018	6	Bolt 5/8in-11NC x 2-1/4in Grade 8	
503	4892000	6	Flatwasher 5/8in Hardened	
504	1001149928	1	Plate, Lifting	
505	1001149952	2	Plate	
506	1001151501	AR	Shim	

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FIGURE 2-21. HOODS (STEEL) AND LIFTING PLATE INSTALLATIONS (DEUTZ TD2.9L4 ENGINES)



SECTION 2 - TURNTABLE



NOTE: REPLACEMENT DECALS MUST BE ORDERED SEPARATELY - SEE DECALS SECTION FOR BREAKDOWN

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FIGURE 2-21. HOODS (STEEL) AND LIFTING PLATE INSTALLATIONS (DEUTZ TD2.9L4 ENGINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	HOODS INSTALLATIONS	
	1001144354	Ref	Deutz TD2.9L4Engines	D
1	0100011	AR	Compound, Locking	
4	0641406	4	Bolt 1/4in-20NC x 3/4in	
5	0641408	3	Bolt 1/4in-20NC x 1in	
7	0641611	2	Bolt 3/8in-16NC x 1-3/8in	
8	0681618	2	Bolt 3/8in-16NC x 2in (Grade 8)	
10	0940049	2	Stopper, Hood	
12	1001144527	1	Pipe, Exhaust	
13	2080040	6	Fastener, Huck	
15	2940045	1	Latch, Paddle	
17	3311405	7	Locknut 1/4in-20NC	
18	3311501	4	Nut 5/16in-18NC	
19	3300364	3	Nut, Tinnerman 5/16in-18NC	
20	3311601	1	Nut 3/8in-16NC	
21	3311605	19	Locknut 3/8in-16NC	
23	3520030	1	Plug, Hole	
24	3900210	8	Screw, Button Head 5/16in-18 x 3/4in	
25	3900316	14	Screw, Button Head 3/8in-16NC x 1in	
26	3960389	50 in/1.3m	Seal	
27	3960462	9.5 ft/2.9m	Seal	
28	4160194	4	Spring, Gas	
29	4751400	7	Flatwasher 1/4in Regular	
30	4751500	17	Flatwasher 5/16in Regular	
31	4751600	38	Flatwasher 3/8in Regular	
33	90206194	10 in/24cm	Trim-Lok	
34	1001110166	8 ft/2.5m	Seal	
35	1001113047	77 in/2m	Seal	
36	0641608	14	Bolt 3/8in-16NC x 1in	
38	1001117234	1	Bracket, Hood	
40	1001117307	1	Decal - Emergency Stop	
41	1001150370	1	Trough, Powertrack	
42	1001117523	1	Bracket, Striker Plate	
43	1001117525	1	Bracket, Striker Plate	
45	1001117598	1	Door	
47	1001157867	2	Bracket, Hood Mounting	
48	1001118550	1	Bracket, Hood Mounting	
49	1001150244	1	Hood Assembly - Tank Side (See Items 101-120 for Breakdown)	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
50	1001162916	1	Hood Assembly - Engine Side (See Items 201-212 for Breakdown)	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
51	1001118735	1	Plate, Filler	
53	1001125097	1	Bracket, Striker	
54	1001163101	1	Shield, Heat	
56	1001121061	1	Hood, Fixed Tank Side	
		Ref	Note: Replacement Decals must be Purchased Separately -	

SECTION 2 - TURNTABLE

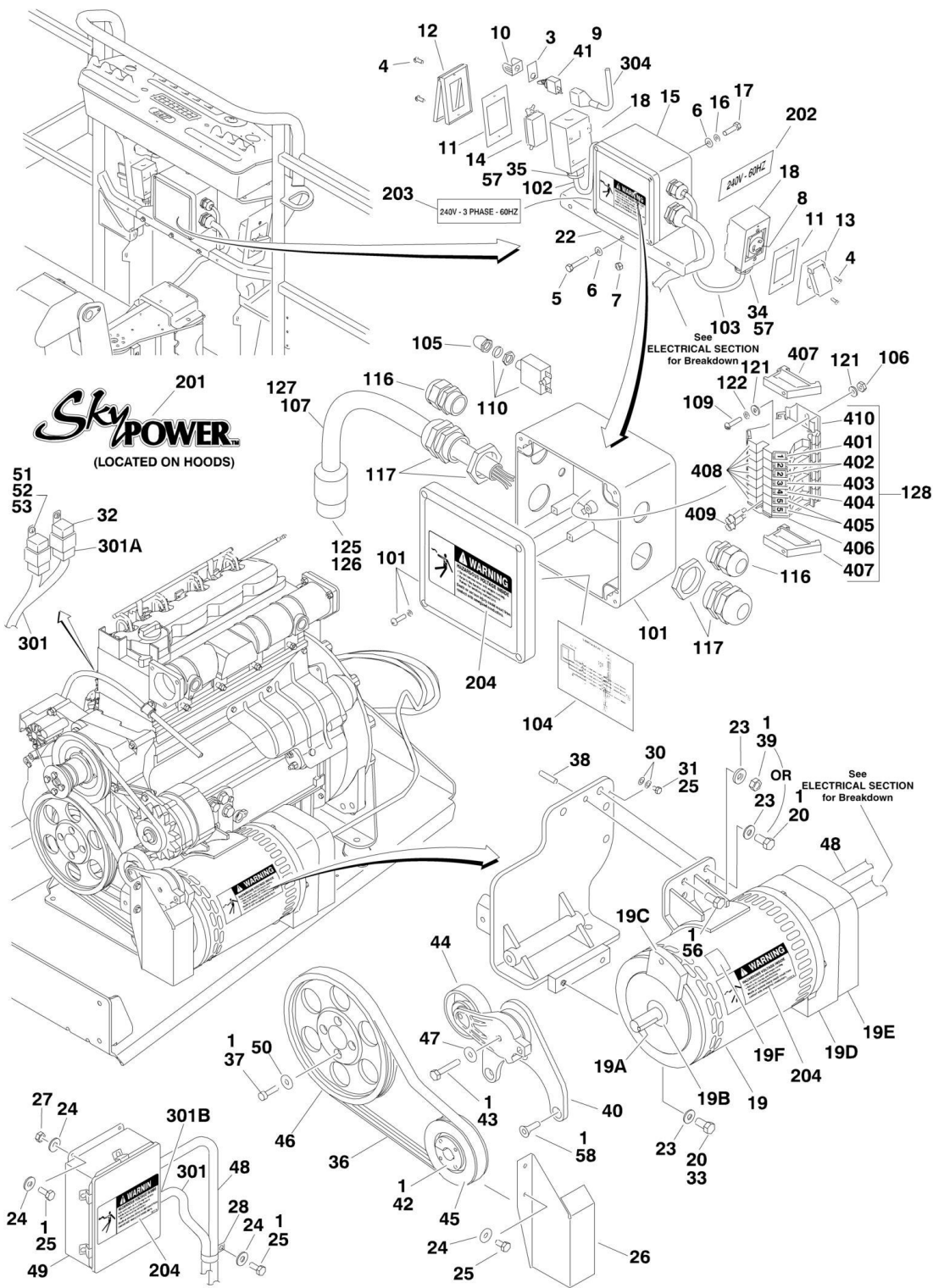
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
			See DECALS SECTION.	
57	1001121118	AR	Shim 3mm	
58	1001121119	AR	Shim 1.5mm	
59	0100081	AR	Adhesive	
60	0641506	5	Bolt 5/16in-18NC x 3/4in	
61	1001151710	1	Hood, Fixed Engine Side	
		Ref	Note: Replacement Decals must be Purchased Separately - See DECALS SECTION.	
62	1001143841	1	Plate, Seal	
63	0811812	8	Screw 1/2in-13NC x 1-1/2in	
64	2080072	4	Retainer	
65	4891600	4	Flatwasher 3/8in Hardened	
66	88662523	4	Nut, Tinnerman	
67	1001150260	4	Plate, Hinge	
68	1001150332	1	Bracket	
69	1001150333	1	Bracket	
	1001150244	Ref	HOOD TANK SIDE	B
101	0100011	AR	Compound, Locking	
102	0630485	8	Bolt, Carriage	
103	0641408	4	Bolt 1/4in-20NC x 1in	
106	2600280	2	Hinge, Offset	
107	2940173	1	Latch, Rotary	
110	3311605	14	Locknut 3/8in-16NC	
112	0641608	6	Bolt 3/8in-16NC x 1in	
115	4751400	4	Flatwasher 1/4in Regular	
116	4751600	14	Flatwasher 3/8in Regular	
119	1001150339	1	Bracket	
120	1001157209	1	Hood with Latch	B
120A	0100011	AR	Compound, Locking	
120B	0700616	1	Bolt M6 x 40mm	
120C	2560187	1	Handle, Push Button	
120D	3290601	1	Nut M6	
120E	3311505	3	Locknut 5/16in-18NC	
120F	3900210	3	Screw, Button Head 5/16in-18NC x 3/4in	
120G	3900363	2	Screw, Button Head M6 x 25mm	
120H	4711500	5	Flatwasher 5/16in Thin	
120J	1001116290	1	Plate, Latch Mounting	
120K	4751400	4	Flatwasher 1/4in Regular	
	1001162916	Ref	HOOD ENGINE SIDE	A
201	0100011	AR	Compound, Locking	
202	0630485	8	Bolt, Carriage	
203	0641408	4	Bolt 1/4in-20NC x 1in	
204	2600280	2	Hinge, Offset	
205	2940173	1	Latch, Rotary	
206	3311605	14	Locknut 3/8in-16NC	
207	3900316	6	Screw, Button Head 3/8in-16NC x 1in	
208	4751400	4	Flatwasher 1/4in Regular	
209	4751600	14	Flatwasher 3/8in Regular	
210	1001150253	1	Bracket	
211	1001162915	1	Hood with Latch	A
211A	0100011	AR	Compound, Locking	
211B	0700617	1	Bolt M6 x 45mm	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
211C	2560187	1	Handle, Push Button	B
211D	3290601	1	Nut M6	
211E	3311505	3	Locknut 5/16in-18NC	
211F	3900210	3	Screw, Button Head 5/16in-18NC x 3/4in	
211G	3900363	2	Screw, Button Head M6 x 25mm	
211H	4711500	3	Flatwasher 5/16in Thin	
211J	1001116290	1	Plate, Latch Mounting	
211K	4751400	2	Flatwasher 1/4in Regular	
	1001150400	Ref	LIFTING PLATE INSTALLATION	
301	0100019	AR	Compound, Locking	
302	0682018	6	Bolt 5/8in-11NC x 2-1/4in Grade 8	3
303	4892000	6	Flatwasher 5/8in Hardened	
304	1001149928	1	Plate, Lifting	
305	1001149952	2	Plate	
306	1001151501	AR	Shim	
	0256823	Ref	NOISE REDUCTION INSTALLATION (DIESEL MACHINES)	
401	2820078	1	Foam, Acoustical	
405	3539955	1	Plate, Baffle	
406	0641506	2	Bolt 5/16in-18NC x 3/4in	
407	4751500	2	Flatwasher 5/16in Regular	
408	0100011	AR	Compound, Locking	

SECTION 2 - TURNTABLE

FIGURE 2-22. 7500W SKYPOWER GENERATOR INSTALLATION - DEUTZ ENGINE (OPTIONAL)



SECTION 2 - TURNTABLE

FIGURE 2-22. 7500W SKYPOWER GENERATOR INSTALLATION - DEUTZ ENGINE (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	NOTE: FOR 2500W GENERATOR OPTIONS, SEE SPECIAL OPTIONS SECTION.	
		Ref	7500W SKYPOWER GENERATOR INSTALLATION (OPTIONAL)	
		Ref	USA Built Machines:	
	1001115387	Ref	60Hz and Deutz D2011 Engine	B
	1001115393	Ref	60Hz and Deutz D2011 Engine (Brazilian Spec Only)	B
	1001141421	Ref	60Hz and Deutz TD2.9L4 Engine	B
	1001115389	Ref	50Hz and Deutz D2011 Engine	B
		Ref	China Built Machines:	
	1001115387	Ref	60Hz and Deutz D2011 Engine	B
	1001115389	Ref	50Hz and Deutz D2011 Engine	B
		Ref	Note: See ELECTRICAL SECTION for Boom Cable Installation.	
1	0100011	AR	Compound, Locking	
3	3252764	1	Nameplate	
4	3910606	8	Screw #6-32NC x 3/8in	
5	0641516	3	Bolt 5/16in-18NC x 2in	
6	4711500	AR	Flatwasher 5/16in Thin	
7		Ref	Nut Options:	
7	3311505	3	Locknut 5/16in-18NC (Standard)	
7	3311508	3	Locknut 5/16in-18NC (Serrated Flange)	
8		Ref	Receptacle, Female Twist-Lock Options (220-240V Single) (Deutz D2011 Engines Only):	
8	4460958	1	60Hz	
8	See Note	1	50Hz (Note: Not Available - Purchase Locally.)	
9	4360336	1	Switch, Toggle	
10	4060802	1	Guard, Switch	
11		Ref	Gasket Options:	
11	3960422	AR	60Hz	
11	See Note	Ref	50Hz (Note: Not Available - Purchase Locally.)	
12		Ref	Cover, Receptacle Options:	
12	See Note	1	50Hz (Note: Not Available - Purchase Locally.)	
12	1001110873	1	60Hz	
13		Ref	Cover, Receptacle Options (Deutz D2011 Engines Only):	
13	See Note	1	50Hz (Note: Not Available - Purchase Locally.)	
13	1001110872	1	60Hz	
14		Ref	Receptacle, Female Options (110-120V):	
14	4460346	1	60Hz	
14	See Note	1	50Hz (Note: Not Available - Purchase Locally.)	
14	4460315	2	Terminal, Spade (60HZ Machines Only)	
15		Ref	Junction Box Assembly Options (See Items 101-128 for Breakdown):	
15	0861542	1	60Hz with Deutz D2011 Engine	
15	1001142914	1	60Hz with Deutz TD2.9L4 Engine	
15	0861567	1	50Hz Spec	
16	4761500	AR	Lockwasher 5/16in	
17		Ref	Bolt Options:	
17	0641505	4	Bolt 5/16in-18NC x 5/8in	
17	0641508	4	Bolt 5/16in-18NC x 1in	
18		Ref	Box, Switch Options:	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
18	0860038	AR	60Hz Spec	
18	See Note	Ref	50Hz Spec (Note: Not Available - Purchase Locally.)	
19		Ref	Generator Assembly Options:	
19	2460048	1	Deutz D2011 Engines	
19	1001136988	1	Deutz TD2.9L4 Engines	
19	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
19	70001384	1	Bearing, Ball Radial (Not Shown):	
19	70000863	1	Fan (Not Shown)	
19		Ref	Stator Options (Not Shown):	
19	70002088	1	2460048 Generator	
19	70004093	1	1001136988 Generator	
19	70002297	1	Stud	
19	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
19A		Ref	Key Options:	
19A	70004171	1	2460048 Generator (was p/n 7024561)	
19A	70004099	1	1001136988 Generator	
19B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
19C		Ref	Endbell, Belt Tensioner Options:	
19C	70001953	1	2460048 Generator	
19C	70004092	1	1001136988 Generator	
19D		Ref	Endbell, Brush Block Options:	
19D	70004169	1	2460048 Generator (was p/n 70001385)	
19D	70004094	1	1001136988 Generator	
19E		Ref	Shroud (was p/n 70002290)	
19E	70004169	1	2460048 Generator (was p/n 70002290)	
19E	70004096	1	1001136988 Generator	
19E		Ref	Insulator, Endbell Options:	
19E	See Note	1	2460048 Generator (Note: Not Available for Purchase)	
19E	70004097	1	1001136988 Generator	
19E	7027799	1	Block, Connector 6 Position (Not Shown)	
19E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
19E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
19E	70001696	1	Boot, Breaker (was p/n 7024486 - Not Shown)	
19E	7026597	1	Connector, W/Leads (Not Shown)	
19E	7026626	1	Housing Plug and Pins (Not Shown)	
19E		Ref	Clamp, Cable Options (Not Shown):	
19E	7026188	1	2460048 Generator	
19E	70004098	1	1001136988 Generator	
19E	70003708	1	Retaining Ring Internal (Not Shown)	
19E	70003709	1	Retaining Ring External (Not Shown)	
19E		Ref	Plate, End Panel Options:	
19E	70004169	1	2460048 Generator	
19E	70004095	1	1001136988 Generator	
19E	70001974	1	Decal - Terminal Connections	
19F	70001973	1	Decal - Warning Moving Parts	
20	0641808	2	Bolt 1/2in-13NC Options	
22	0902888	1	Bracket, Box Mounting	
23	4891800	AR	Flatwasher 1/2in Hardened	
24		Ref	Flatwasher 1/4in Options:	
24	4711400	AR	Flatwasher 1/4in Thin	
24	4751400	AR	Flatwasher 1/4in Regular	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
24	4761400	AR	Lockwasher 1/4in	
25		Ref	Bolt Options:	
25	0641404	AR	Bolt 1/4in-20NC x 1/2in	
25	0641405	AR	Bolt 1/4in-20NC x 5/8in	
25	0641408	AR	Bolt 1/4in-20NC x 1in	
26	4061049	1	Shield (SN 0300171769 through 0300172626)	
27	3311405	AR	Nut 1/4in-20NC	
28	1320318	1	Clamp (Was p/n 1320224)	
29	4240018	AR	Tie-Strap (Not Shown)	
30	4791400	2	Starwasher 1/4in	
31	0641403	AR	Bolt 1/4in-20NC x 3/8in	
32	3740080	1	Relay (Deutz D2011 Engines Only)	
33	0100019	AR	Compound, Locking	
34		Ref	Connector, Strain Relief Options (Deutz D2011 Engines Only):	
34	4460051	1	60Hz	
34	See Note	1	50Hz (Note: Not Available - Purchase Locally.)	
35		Ref	Connector, Strain Relief	
35	4460071	1	60Hz	
35	See Note	1	50Hz (Note: Not Available - Purchase Locally.)	
36		Ref	Belt, Drive Options:	
36	0480129	1	Deutz D2011 Engines with 60Hz Generators	
36	0480126	1	Deutz D2011 Engines with 50Hz Generators	
36	1001142646	1	Deutz TD2.9L4 Engine with 60 Hz Generator	
37	4032015	AR	Capscrew M10 x 55mm (Deutz D2011 Engines Only)	
38	4300157	1	Stud	
39	3311801	1	Nut 1/2in-13NC	
40	1001142643	1	Support, Belt Tensioner (Deutz TD2.9L4 Engines Only)	
41	2820031	1	Insulator	
42	0962520	1	Bushing, Split Taper (Was p/n 7024562)	
43		Ref	Bolt 3/8in-16NC Options:	
43	3931632	1	Capscrew, Socket Head 3/8in-16NC x 2in	
43	0641618	1	Bolt, Hex Head 3/8in-16NC x 2-1/4in	
43	0641616	1	Bolt, Hex Head 3/8in-16NC x 2in	
44	3580317	1	Tensioner, Belt (Was p/n 7024482)	
45		Ref	Pulley Options:	
45	3580318	1	60Hz Generator (Was p/n 7024563)	
45	3580319	1	50Hz Generator (Was p/n 7026187)	
46	3580320	1	Pulley (Deutz D2011 Engines Only)	
47	4711600	AR	Flatwasher 3/8in Thin	
48	4922925	1	Harness, Generator	
49		Ref	Control Box Assembly Options:	
49	0861538	1	60Hz Generator (Was p/n 7024487)	
49	0861572	1	50Hz Generator (Was p/n 7024487)	
49	7024488	1	Card, Circuit - Generator Power	
49	See Note	1	Fuse (Note: Not Available - Purchase Locally.)	
49	70000619	1	Harness, Control Box (Internal)	
49	7024489	1	Card, Circuit - Control	
		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.	
50	4811900	AR	Flatwasher M8	
51	0721004	2	Screw, Machine #10-24NC 1/2in	

SECTION 2 - TURNTABLE

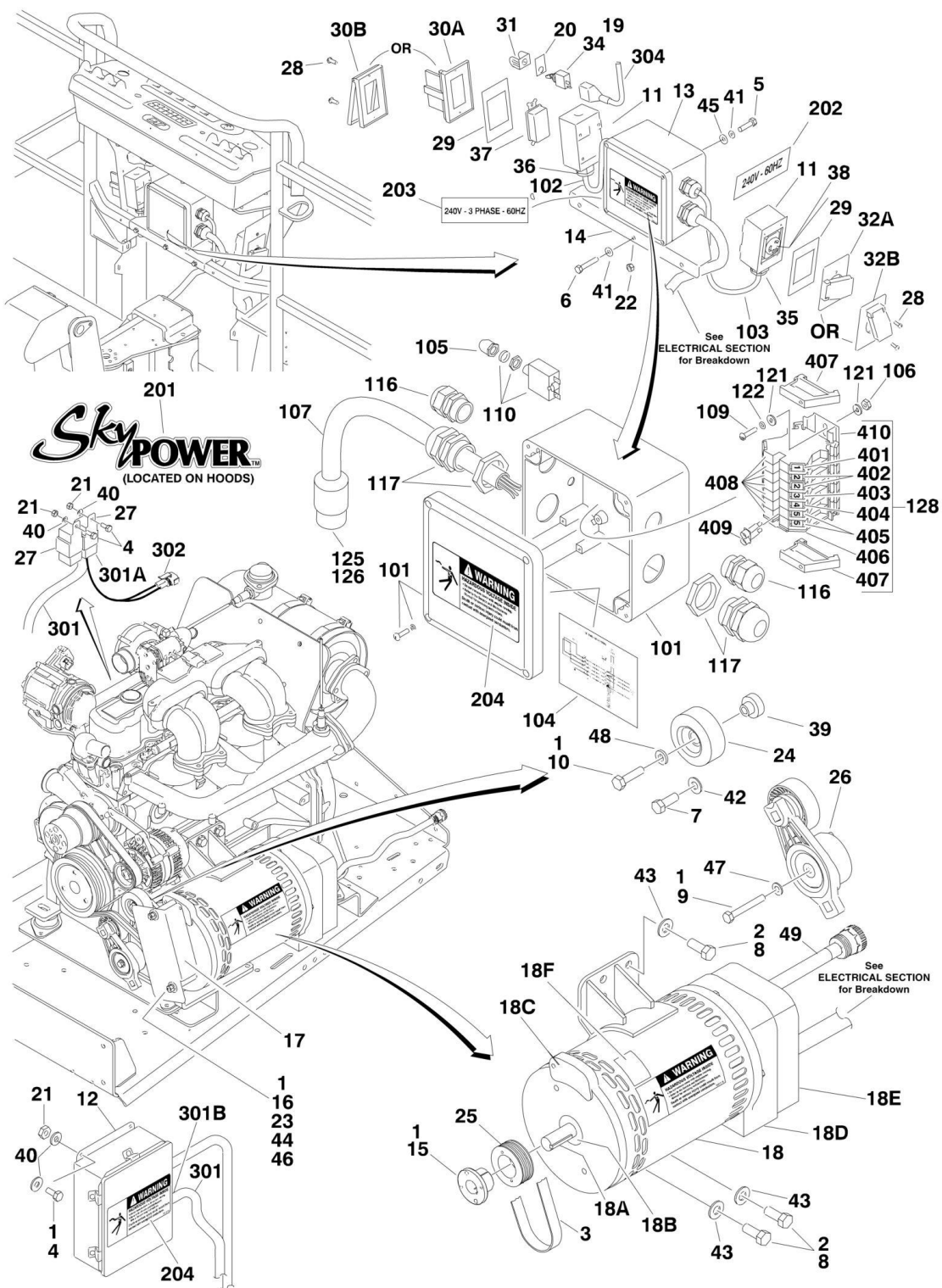
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
52	4751000	4	Flatwasher #10 Regular	
53	3311005	2	Locknut #10-24NC	
56	0771415	AR	Bolt M14 x 35mm	
57	0100020	AR	Sealant, Pipe	
58	0741607	3	Screw, Flat Head 3/8in-16NC x 7/8in	
		Ref	JUNCTION BOX ASSEMBLY	
	0861542	Ref	60Hz Spec (Deutz D2011 Engines)	D
	1001142914	Ref	60Hz Spec (Deutz TD2.9L4 Engines)	D
	0861567	Ref	50Hz Specs	B
101	0861541	1	Box, Junction	
102		Ref	Cable, Electrical 12/3	
102	1060494	2 ft/.6m	60Hz Spec	
102	See Note	2 ft/.6m	50Hz Spec (Note: Not Available - Purchase Locally.)	
103		Ref	Cable, Electrical (10/3) Options:	
103	1060708	2.5 ft/.76m	60Hz Spec (10/3) (Deutz D2011 Engines)	
103	Not Required	0	60Hz Spec (Deutz TD2.9L4 Engines)	
103	See Note	Ref	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	1.5 ft/.46m	Cable, Electrical 10/4 (60Hz Spec Only)	
108	3641533	1	Rail, Relay	
109	3910610	2	Bolt #6-32NC x 5/8in	
110	4360070	1	Circuit Breaker - 15 Amp	
116	4460425	2	Strain Relief, Terminal	
116	3520192	1	Plug (60Hz Deutz TD2.9L4 Engines Only)	
117	4460426	2	Connector, Strain Relief	
121	4750600	4	Flatwasher, #6 Regular	
122	4760600	2	Lockwasher #6	
125	1671092	1	Cover (60Hz Spec Only)	
126	4460963	1	Connector (60Hz Spec Only)	
127	3520189	1	Plug (50Hz Spec Only)	
128	1001121340	1	Terminal Block Assembly (See Items 401-410 for Breakdown):	
		Ref	DECAL INSTALLATION	
	0272435	Ref	60Hz Specs	B
	0272589	Ref	50Hz Specs	A
201	1705460	2	Decal - SkyPower	
202	1705374	1	Decal - 240V - 60Hz (60Hz Spec Only)	
203		Ref	Decal - 240V - 3 Phase Options:	
203	1705375	1	60Hz Spec	
203	1705461	1	50Hz Spec	
204		Ref	Decal, Hazardous Voltage Options:	
204	1705387	3	60Hz Spec	
204	1705489	3	50Hz Spec	
		Ref	ELECTRICAL DIAGRAM COMPONENTS	
	1001112586	Ref	Deutz D2011 Engines	A
	1001122528	Ref	Deutz TD2.9L4 Engines	B
301		Ref	Generator Harness Options (See ELECTRICAL SECTION for Breakdown):	
301	1001112587	1	Deutz D2011 Engines	A

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
301	1001119968	1	Deutz TD2.9L4 Engines	B
301A	4460374	2	Plug, Sealed Relay (Deutz D2011 Engines Only)	
301A	4460375	7	Terminal (Deutz D2011 Engines Only)	
301B	4460967	1	Plug, Male - 3 Position	
301B	4460465	3	Socket, Female	
301C		Ref	Component Options:	
301C	2400060	1	Fuseholder (Deutz D2011 Engines) (Not Shown)	
301C	2400064	1	Fuse - 5 Amp (Deutz D2011 Engines) (Not Shown)	
301C	1001117078	1	Fuseholder (Includes Fuse and Cap) (Deutz TD2.9L4 Engines) (Not Shown)	
301C	See Note	1	Fuse - 5 Amp (Deutz TD2.9L4 Engines) (Not Shown) (Note: Use 1001117078 Assembly or Purchase Fuse Locally)	
301C	1001096134	1	Cover, Fuseholder (Deutz TD2.9L4 Engines) (Not Shown)	
304	4922641	1	Switch Harness	
	1001121340	Ref	TERMINAL BLOCK ASSEMBLY	
401	70002818	2	Marker Strip #1	A
402	70002819	4	Marker Strip #2	
403	70002820	2	Marker Strip #3	
404	70002821	2	Marker Strip #4	
405	70002822	4	Marker Strip #5	
406	70002823	1	Terminal, End Barrier	
407	70002824	2	Terminal, End Block	
408	70002825	7	Terminal, Block	
409	70002826	2	Terminal, Cross Connector Jumper	
410	3641533	1	Rail, Relay	

SECTION 2 - TURNTABLE

FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - GM ENGINE (OPTIONAL)



SECTION 2 - TURNTABLE

FIGURE 2-23. 7500W SKYPOWER GENERATOR INSTALLATION - GM ENGINE (OPTIONAL)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Only Available on USA Built Machines.	
		Ref	NOTE: FOR 2500W GENERATOR OPTIONS, See SPECIAL OPTIONS SECTION.	
	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	0641608	AR	Bolt 3/8in-16NC x 1in	
8		Ref	Bolt Options:	
8	0641810	4	Bolt 1/2in-13NC x 1-1/4in	
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	
12	7024488	1	Card, Circuit - Generator Power	
12	See Note	1	Fuse (Note: Not Available - Purchase Locally.)	
12	7024489	1	Card, Circuit - Control	
12	70000619	1	Harness, Control Box (Internal)	
13	0861542	1	Junction Box Assembly (See Items 101-127 for Breakdown)	
14	0902888	1	Bracket, Box Mounting	
15	0962520	1	Bushing, Split Taper	
16	0962521	2	Tube, Spacer	
17	1671311	1	Cover (SN 0300171769 through 0300172626)	
18	2460048	1	Generator Assembly	
18	70001100	1	Rotor (Includes p/n 70001384 & 70000863) (Not Shown)	
18	70001384	1	Bearing, Ball Radial (Not Shown)	
18	70000863	1	Fan (Not Shown)	
18	70002088	1	Stator Options (Not Shown):	
18	70002297	1	Stud	
18	70003631	1	Brushholder Assembly (Not Shown) (was p/n 7024484)	
18A	70004171	1	Key (was p/n 7024561)	
18B	70001966	1	Bearing, Ball Radial (Located in Belt Tensioner Endbell)	
18C	70001953	1	Endbell, Belt Tensioner	
18D	70004169	1	Endbell, Brush Block (was p/n 70001385)	
18E	70004169	1	Shroud (was p/n 70002290)	
18E	7027799	1	Block, Connector 6 Position (Not Shown)	
18E	70002460	1	Nut, Brass (Attaches p/n 7027799 to Cover) (Not Shown)	
18E	7024485	1	Breaker, Circuit 30Amp (Not Shown)	
18E	70001696	1	Boot, Breaker (was p/n 7024486 - Not Shown)	
18E	7026597	1	Connector, W/Leads (Not Shown)	
18E	7026626	1	Housing Plug and Pins (Not Shown)	
18E	7026188	1	Clamp, Cable (Not Shown)	
18E	70004169	1	Plate, End Panel (was p/n 70002255)	
18E	70001974	1	Decal - Terminal Connections	
18F	70001973	1	Decal - Warning Moving Parts	

SECTION 2 - TURNTABLE

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	2820031	1	Insulator	D
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	
24	3580312	2	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		Ref	Cover, Receptacle Options:	
30A	4060700	1	Cover, Side Hinged	
30B	1001110873	1	Cover, Top Hinged	
31	4060802	1	Guard, Switch	
32		Ref	Cover, Receptacle Options:	
32A	4061043	1	Cover, Side Hinged	
32B	1001110872	1	Cover, Top Hinged	
33	4300111	2	Stud 3/8in-16NC	
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 Thin	
41	4711500	10	Flatwasher 5/16in Thin	
42	4711600	AR	Flatwasher 3/8in Thin	
43	4711800	4	Flatwasher 1/2in Thin	
44	4751600	2	Flatwasher 3/8in Regular	
45	4761500	4	Lockwasher 5/16in	
46	4761600	2	Lockwasher 3/8in	
47	4811900	1	Flatwasher M8	
48	4891600	1	Flatwasher 3/8in Hardened	
49	4922925	1	Harness, Generator	
	0861542	Ref	JUNCTION BOX ASSEMBLY	
101	0861541	1	Box, Junction	
102	1060494	2 ft/.6m	Cable, Electrical 12/3	
103	1060708	2.5 ft/.76m	Cable, Electrical 10/3	
104	1705376	1	Decal - Wiring Schematic	
105	3300396	1	Cover, Fuse	
106	3310601	2	Nut 6-32NC	
107	1060343	1.5 ft/.46m	Cable, Electrical 10/4	
108	3641533	1	Rail, Relay	
109	3910610	2	Bolt 6-32NC x 5/8in	
110	4360070	1	Circuit Breaker - 15 Amp	
116	4460425	2	Strain Relief, Terminal	
117	4460426	2	Connector, Strain Relief	
121	4750600	4	Flatwasher, #6 Regular	
122	4760600	2	Lockwasher #6	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
125	1671092	1	Cover	A
126	4460963	1	Connector	
128	1001121340	1	Terminal Block Assembly (See Items 401-410 for Breakdown)	
	0272435	Ref	DECAL INSTALLATION	
201	1705460	2	Decal - SkyPower	
202	1705374	1	Decal - 240V - 60Hz	A
203	1705375	1	Decal - 240V - 3 Phase	
204	1705387	3	Decal, Hazardous Voltage	
	4933349	Ref	ELECTRICAL DIAGRAM COMPONENTS	
301	4923420	1	Generator Harness	
301A	4460374	2	Plug, Sealed Relay	A
301A	4460375	8	Terminal	
301B	4460967	1	Plug, Male - 3 Position	
301B	4460465	3	Socket, Female	
301C	2400060	2	Fuseholder (Not Shown)	
301C	2400064	2	Fuse - 5 Amp (Not Shown)	A
302	4460742	1	Connector - 2 Position	
302	4460743	2	Socket, Female	
302	4460458	2	Seal	
304	4922641	1	Switch Harness	
	1001121340	Ref	TERMINAL BLOCK ASSEMBLY	A
401	70002818	2	Marker Strip #1	
402	70002819	4	Marker Strip #2	
403	70002820	2	Marker Strip #3	
404	70002821	2	Marker Strip #4	
405	70002822	4	Marker Strip #5	
406	70002823	1	Terminal, End Barrier	
407	70002824	2	Terminal, End Block	
408	70002825	7	Terminal, Block	
409	70002826	2	Terminal, Cross Connector Jumper	
410	3641533	1	Rail, Relay	

SECTION 3 - BOOM

SECTION 3 - BOOM

FIGURE 3-1. BOOM INSTALLATION - 600S

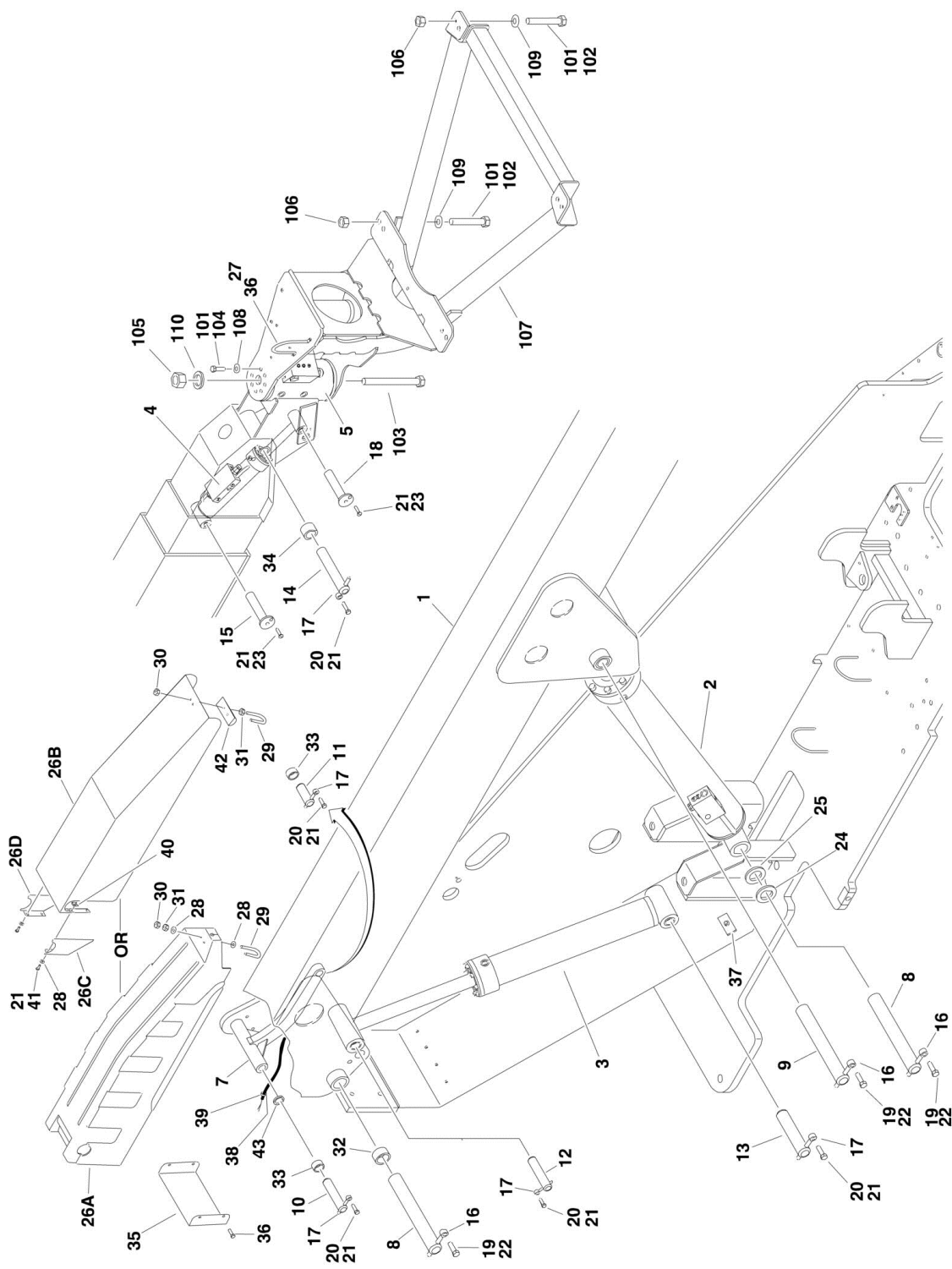


FIGURE 3-1. BOOM INSTALLATION - 600S

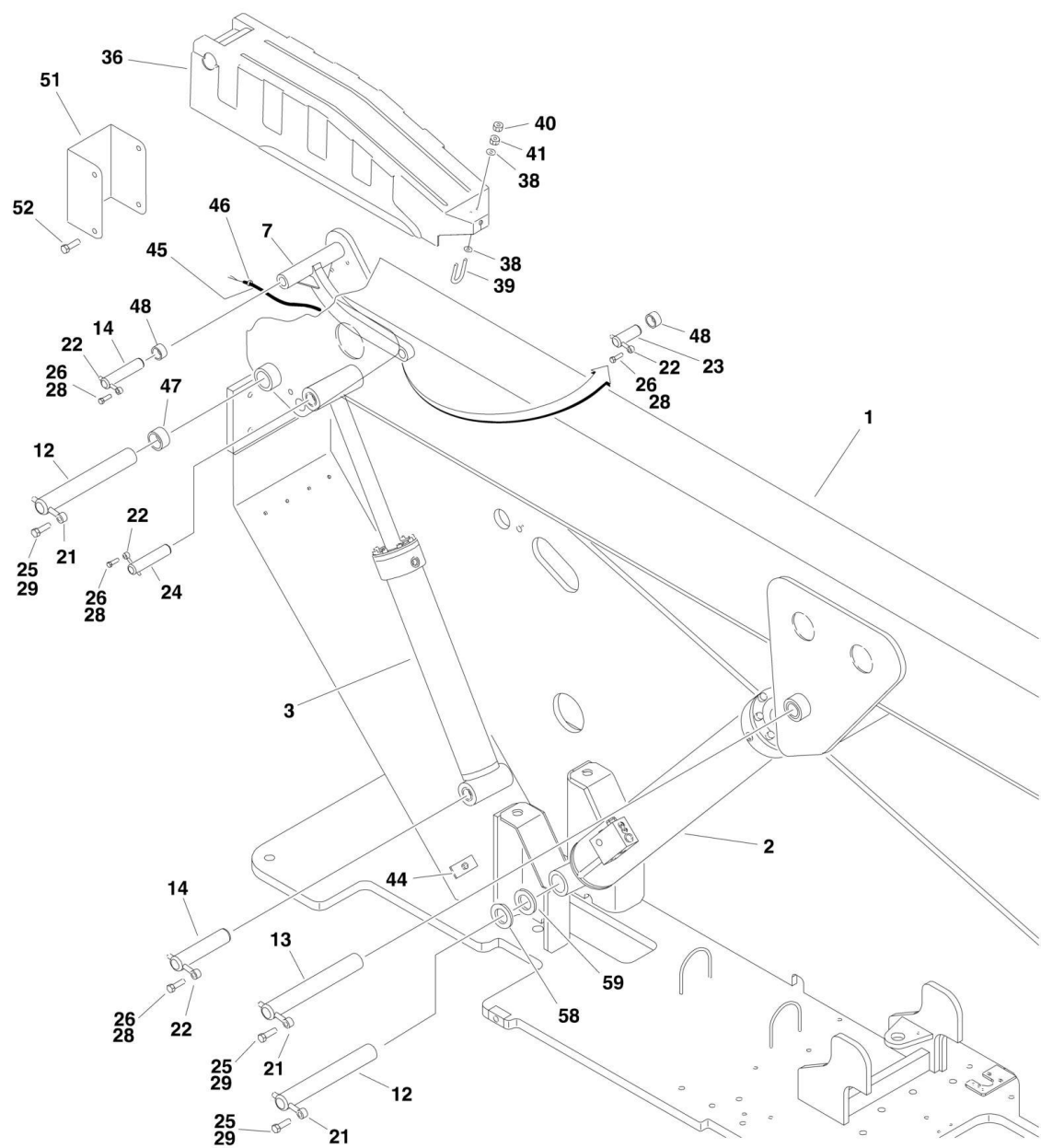
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	BOOM AND CYLINDERS INSTALLATIONS	
		Ref	USA Built Machines: (Machines without Shipyard Package)	
	1001108341	Ref	Boom and Cylinders Installations (SN 0300171769 through 0300181890)	G
	1001160098	Ref	Boom and Cylinders Installations (SN 0300181891 to Present)	B
		Ref	USA Built Machines: (Machines with Shipyard Package)	
	1001121410	Ref	Boom and Cylinders Installations (SN 0300171769 through 0300181890)	F
	1001160101	Ref	Boom and Cylinders Installations (SN 0300181891 to Present)	C
	1001108341	Ref	China Built Machines:	G
1	See Note	1	Boom Assembly (See MAIN BOOM ASSEMBLY for Breakdown)	
2	1001112468	1	Boom Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
3	1684414	1	Master Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
4	1683415	1	Platform Level Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
5		Ref	Rotator Assembly Options (See ROTATOR ASSEMBLIES for Breakdown):	
5		Ref	USA Built Machines	
5	0060067	1	Rotator Assembly (SN 0300171769 through 0300181890)	
5	1001157221	1	Rotator Assembly (SN 0300181891 to Present)	
5	0060067	1	China Built Machines	
7	1001094043	1	Link, Push (was p/n 4844944)	
8	3422564	2	Pin (Cylinder Pivot - T/T End and Boom Pivot)	
9	3423184	1	Pin (Lift Cylinder Pivot - Boom End)	
10	3422566	1	Pin (Link - T/T End)	
11	3422557	1	Pin (Link - Boom End)	
12	3422563	1	Pin (Master Cylinder - Boom End)	
13	3422565	1	Pin (Master Cylinder - T/T End)	
14	3422562	1	Pin (Rotator)	
15	3422569	1	Pin (Level Cylinder - Boom End)	
16	3841258	3	Keeper, Pin	
17	3841143	5	Keeper, Pin	
18	3422580	1	Pin (Level Cylinder - Rotator End)	
19	0642012	3	Bolt 5/8in-11NC x 1-1/2in	
20	0641608	5	Bolt 3/8in-16NC x 1in	
21	0100011	AR	Compound, Locking	
22	0100019	AR	Compound, Locking	
23	0741607	2	Screw, Countersunk 3/8in-16NC x 7/8in	
24	4740314	AR	Thrustwasher	
25	4740158	AR	Thrustwasher	
26		Ref	Cover, Boom Options:	
26A	1001148925	1	Cover, Black Poly (was p/n 1671055)	
26B	1001122472	1	Cover, Steel (Machines with Shipyard Package Only)	
26C	1001127195	1	Bracket, LH Cover (Machines with Shipyard Package Only)	
26D	1001127196	1	Bracket, RH Cover (Machines with Shipyard Package Only)	
27	3841340	1	Loop, Hose	
28	4751400	AR	Flatwasher 1/4in Regular Options:	

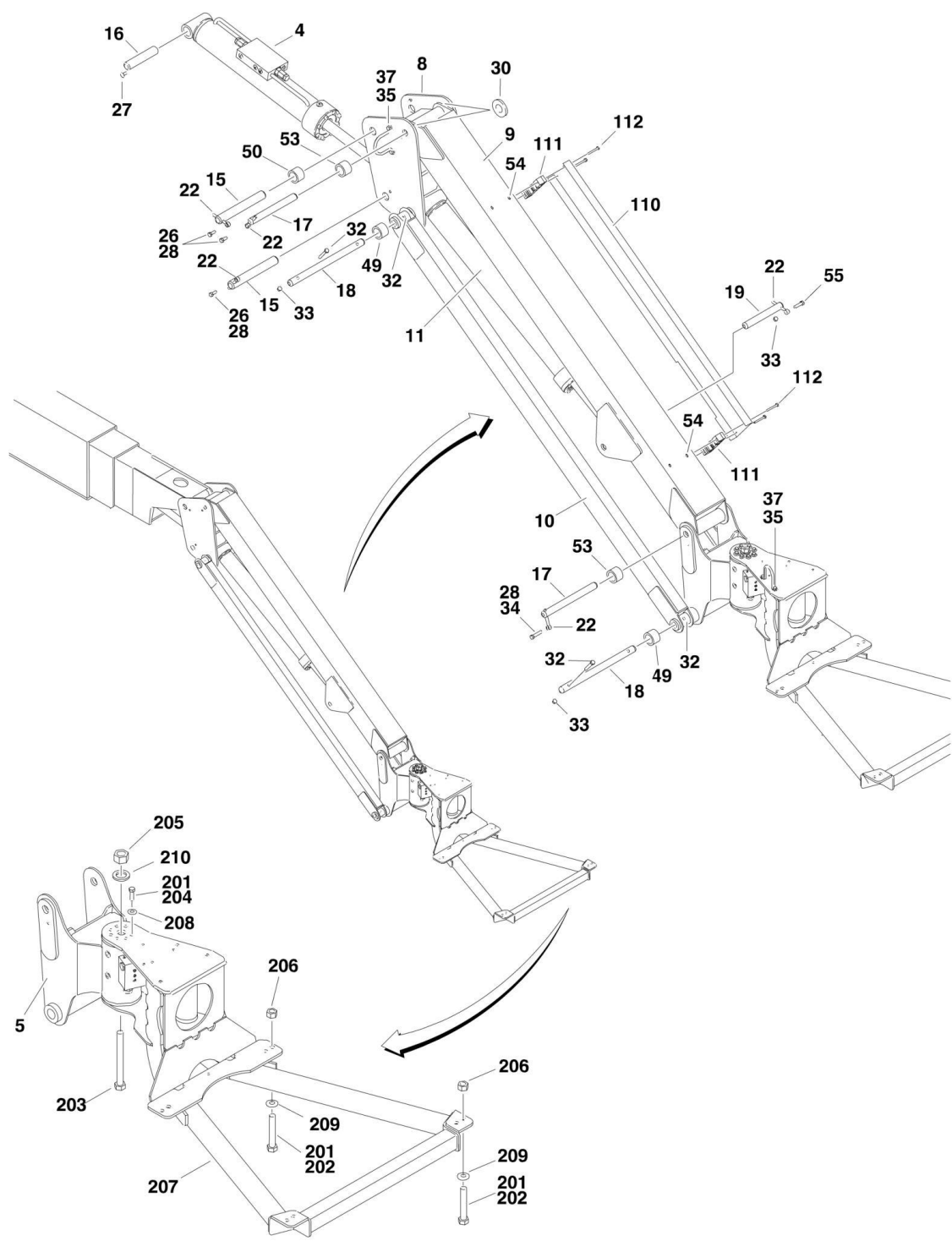
SECTION 3 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
28	4751400	4	Machines without Shipyard Package (SN 0300171769 through 0300172252)	
28	4751400	4	Machines with Shipyard Package	
29	0630458	AR	U-Bolt Options:	
29	0630458	1	Machines without Shipyard Package (SN 0300171769 through 0300172252)	
29	0630458	1	Machines with Shipyard Package	
30		Ref	Nut Options:	
30	3311402	4	Nut, Jam 1/4in-20NC (Machines without Shipyard Package) (SN 0300171769 through 0300172252)	
30	3311401	4	Nut 1/4in-20NC (Machines with Shipyard Package)	
31	3311405	AR	Locknut 1/4in-20NC Options:	
	3311405	2	Machines without Shipyard Package (SN 0300171769 through 0300172252)	
	3311405	2	Machines with Shipyard Package	
32	0961950	2	Bushing	
33	0962006	3	Bushing, Garmax	
34	0961951	2	Bushing, Garmax	
35	3539563	1	Cover (SN 0300171769 through 0300172252)	
36	0641604	AR	Bolt 3/8in-16NC x 1/2in	
37	1320235	1	Clamp, Stauff	
38	4100033	3 ft/.9m	Sleeve	
39	4240018	AR	Tie-Strap	
40	3300454	4	Nut, Special	
41	0641406	4	Bolt 1/4in-20NC x 3/4in	
42	3340800	1	Pad, Wear (Machines with Shipyard Package Only)	
43	0962057	2	Bushing (Machines with Shipyard Package Only)	
		Ref	SUPPORT INSTALLATIONS	
		Ref	Machines without Load Sensing and without Skyglazier.	
	0272070	Ref	USA Built Machines	D
	1001115098	Ref	China Built Machines	A
	See Note	Ref	Machines without Load Sensing and with SkyGlazier (Note: Refer to JLG Supplement p/n 3124242 for Components.)	
	See Note	Ref	Machines with Load Sensing and without SkyGlazier (Note: Refer to JLG Supplement p/n 3124287 for Components.)	
	See Note	Ref	Machines with Load Sensing and with SkyGlazier (Note: Refer to JLG Supplement p/n 3124287 for Components.)	
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 (Grade 8)	
105		Ref	Locknut 1in-8NC Options:	
105	3272605	1	USA Built Machines	
105	3300243	1	China Built Machines	
106	3311805	8	Locknut 1/2in-13NC	
107		Ref	Support, Platform Options:	
107	4846573	1	USA Built Machines	
107	1001113465	1	China Built Machines	
108	4891600	8	Flatwasher 3/8in Hardened	
109	4891800	8	Flatwasher 1/2in Hardened	
110	4892600	1	Flatwasher 1in Hardened	

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FIGURE 3-2. BOOM INSTALLATION - 660SJ





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FIGURE 3-2. BOOM INSTALLATION - 660SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	BOOM AND CYLINDERS INSTALLATIONS	
		Ref	USA Built Machines:	
	1001108342	Ref	Boom and Cylinders Installations (SN 0300171769 through 0300181890)	G
	1001160099	Ref	Boom and Cylinders Installations (SN 0300181891 to Present)	B
	1001115359, 1001115357 AND 1001113429	Ref	China Built Machines	E-D-D
1	See Note	1	Boom Assembly (See MAIN BOOM ASSEMBLY for Breakdown)	
2	1001112468	1	Boom Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
3	1684413	1	Master Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
4	1683418	1	Platform Level Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
5		Ref	Rotator Assembly (See ROTATOR ASSEMBLIES for Breakdown)	
5		Ref	USA Built Machines	
5	0060066	1	Rotator Assembly (SN 0300171769 through 0300181890)	
5	1001157220	1	Rotator Assembly (SN 0300181891 to Present)	
5	0060066	1	China Built Machines	
7	1001094043	1	Link, Push (was p/n 4844944)	
8	4844815	1	Pivot	
9		Ref	Tube, Top Jib Options:	
9	4844816	1	USA Built Machines	
9	1001113386	1	China Built Machines	
10		Ref	Tube, Bottom Jib Options	
10	4844817	2	USA Built Machines	
10	1001113407	2	China Built Machines	
11	1683609	1	Jib Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
12	3422564	2	Pin (Boom Pivot and Lift Cylinder Pivot - T/T End)	
13	3423184	1	Pin (Boom Lift Cylinder - Boom End)	
14	3422566	2	Pin (Link - T/T End and Master Cylinder - T/T End)	
15	3422561	2	Pin (Jib Cylinder - Pivot End and Pivot - Boom End)	
16	3422583	1	Pin (Jib Level Cylinder - Boom End)	
17	3422860	2	Pin (Top Tube - Pivot End)	
18	3422861	2	Pin (Bottom Tube - Both Ends)	
19	3422867	1	Pin (Jib Lift Cylinder - Top Tube End)	
21	3841258	3	Keeper, Pin	
22	3841143	9	Keeper, Pin	
23	3422557	1	Pin (Link - Boom)	
24	3422790	1	Pin (Master Cylinder - Boom End)	
25	0642012	3	Bolt 5/8in-11NC x 1-1/2in	
26	0641608	7	Bolt 3/8in-16NC x 1in	
27	0741607	1	Screw, Countersunk 3/8in-16NC x 7/8in	
28	0100011	AR	Compound, Locking	
29	0100019	AR	Compound, Locking	
30	4740439	2	Thrustwasher	
32	0641618	4	Bolt 3/8in-16NC x 2-1/4in	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	3311605	5	Locknut 3/8in-16NC	
34		Ref	Bolt Options:	
34	0641614	1	Bolt 3/8in-16NC x 1-3/4in	
34	0641610	1	Bolt 3/8in-16NC x 1-1/4in	
35	3841340	2	Clamp, Loop	
36	1001148925	1	Cover, Boom (was p/n 1671055)	
37	0641606	AR	Bolt 3/8in-16NC x 3/4in	
38	4751400	Ref	Flatwasher 1/4in Regular Options:	
38	4751400	4	USA Built Machines (SN 0300171769 through 0300172252)	
38	4751400	4	China Built Machines	
39	0630458	Ref	U-Bolt Options:	
39	0630458	1	USA Built Machines (SN 0300171769 through 0300172252)	
39	0630458	1	China Built Machines	
40	3311402	Ref	Nut, Jam 1/4in-20NC Options:	
40	3311402	4	USA Built Machines (SN 0300171769 through 0300172252)	
40	3311402	4	China Built Machines	
41	3311405	Ref	Locknut 1/4in-20NC Options:	
41	3311405	2	USA Built Machines (SN 0300171769 through 0300172252)	
41	3311405	2	China Built Machines	
44	1320235	1	Clamp, Stauff	
45	4100033	3 ft/.9m	Sleeve, Abrasion	
46	4240018	AR	Tie-Strap	
47	0961950	2	Bushing, Composite	
48	0962006	3	Bushing, Composite	
49	0961947	6	Bushing, Composite	
50	0961951	2	Bushing, Composite	
51	3539563	Ref	Cover Options:	
51	3539563	1	USA Built Machines (SN 0300171769 through 0300172252)	
51	3539563	1	China Built Machines	
52	0641604	AR	Bolt 3/8in-16NC x 1/2in	
53	0962335	4	Bushing	
54	2080044	4	Rivnut	
55	0641611	1	Bolt 3/8in-16NC x 1-3/8in	
56	4360328	1	Switch, Toggle (Not Shown - Located at Platform Console Box)	
57	3790012	1	O-Ring (Not Shown - Used with item 56)	
58	4740314	AR	Thrustwasher	
59	4740158	AR	Thrustwasher	
61	3520034	4	Plug, Nylon Hole (Not Shown)	
		Ref	BOOM CABLES INSTALLATION	
110		Ref	Cover Options:	
110		Ref	USA Built Machines	
110	1670769	1	Cover (SN 0300171769 through 0300181890)	
110	1671034	1	Cover (SN 0300181891 to Present)	
110	1670769	1	China Built Machines	
111		Ref	Clamp, Block Options:	
111		Ref	USA Built Machines	
111	0561237	2	Clamp, Block (SN 0300171769 through 0300181890)	
111	1001165350	2	Clamp, Block (SN 0300181891 to Present)	
111	0561237	2	China Built Machines	
112	0641416	4	Bolt 1/4in-20NC x 2in	
112	0641424	4	Bolt 1/4in-20NC x 3in	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	SUPPORT INSTALLATIONS	
		Ref	Machines without Load Sensing and without Skyglazier.	
	0272070	Ref	USA Built Machines	D
	1001115098	Ref	China Built Machines	A
	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.)	
201	0100011	AR	Compound, Locking	
202	0641812	8	Bolt 1/2in-13NC x 1-1/2in	
203	0642684	1	Bolt 1in-8NC x 10-1/2in	
204	0681608	8	Bolt 3/8in-16NC x 1in (Grade 8)	
205		Ref	Locknut 1in-8NC Options:	
205	3272605	1	USA Built Machines:	
205	3300243	1	China Built Machines:	
206	3311805	8	Locknut 1/2in-13NC	
207		Ref	Support, Platform Options:	
207		Ref	Machines without Load Sensing and without SkyGlazier	
207	4846573	1	USA Built Machines	
207	1001113465	1	China Built Machines	
207	See Notes Above	1	Machines with Load Sensing and/or SkyGlazier Options	
208	4891600	8	Flatwasher 3/8in Hardened	
209	4891800	8	Flatwasher 1/2in Hardened	
210	4892600	1	Flatwasher 1in Hardened	

SECTION 3 - BOOM

FIGURE 3-3. MAIN BOOM ASSEMBLIES

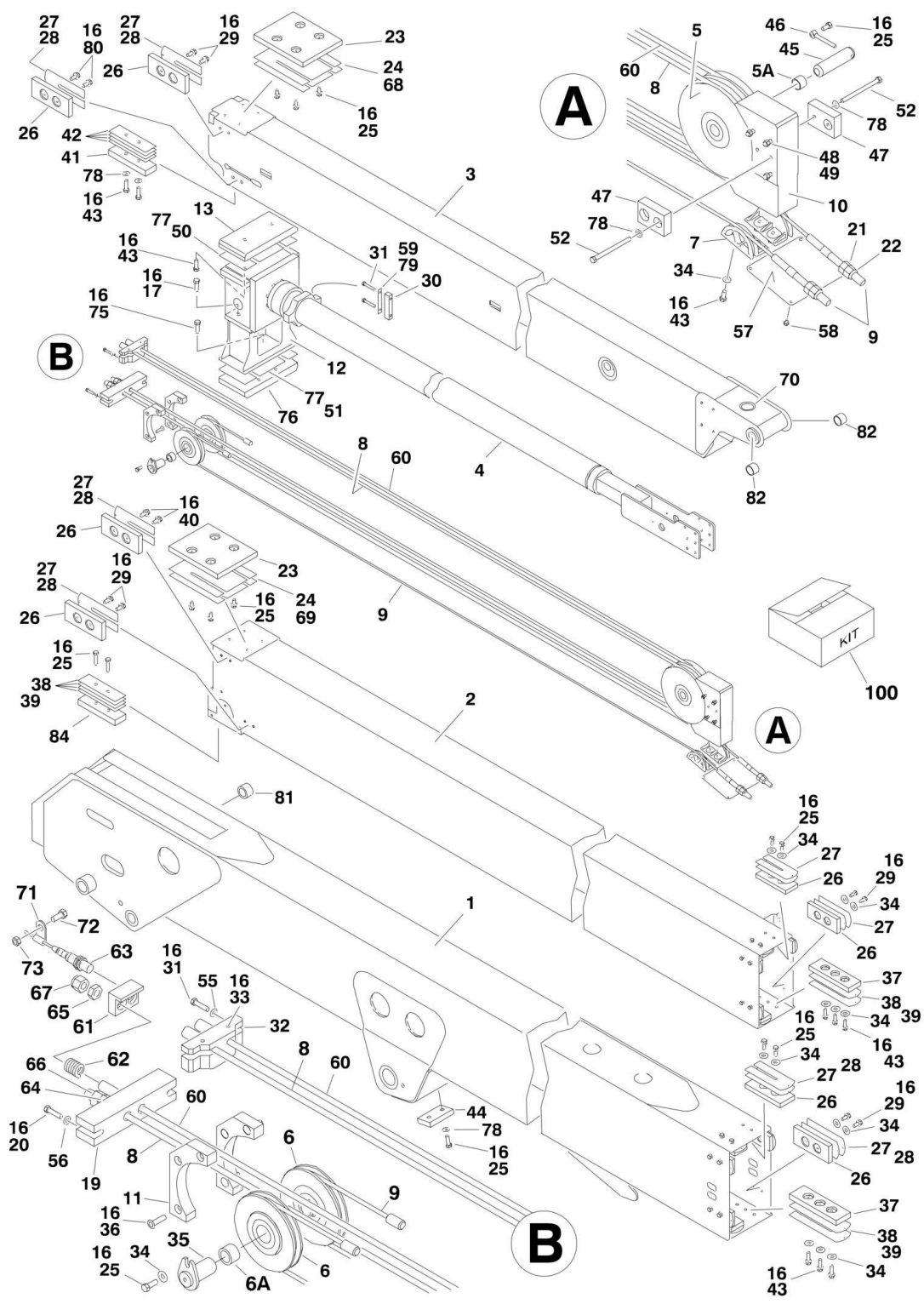


FIGURE 3-3. MAIN BOOM ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	MAIN BOOM ASSEMBLY OPTIONS:	
		Ref	USA Built Machines:	
		Ref	ANSI and ANSI Export Specs	
	1001157430	Ref	Main Boom Assembly 600S (was p/n 0801471) (SN 0300171769 through 0300182176)	I
	1001157430	Ref	Main Boom Assembly 600S (SN 0300182177 to Present)	B
	1001158407	Ref	Main Boom Assembly 660SJ (was p/n 0801475) (SN 0300171769 through 0300182176)	I
	1001158407	Ref	Main Boom Assembly 660SJ (SN 0300182177 to Present)	B
		Ref	Australian and CE Specs	
	1001157431	Ref	Main Boom Assembly 600S (was p/n 0801472) (SN 0300171769 through 0300182176)	I
	1001157431	Ref	Main Boom Assembly 600S (SN 0300182177 to Present)	B
	1001157626	Ref	Main Boom Assembly 660SJ (was p/n 0801473) (SN 0300171769 through 0300182176)	H
	1001157626	Ref	Main Boom Assembly 660SJ (SN 0300182177 to Present)	B
		Ref	China Built Machines	
		Ref	ANSI Export and Japanese Specs	
	1001127285	Ref	Main Boom Assembly 600S	C
	1001126509	Ref	Main Boom Assembly 660SJ	C
		Ref	Australian Spec (China Built Machines)	
	1001126597	Ref	Main Boom Assembly 600S	C
	1001126596	Ref	Main Boom Assembly 660SJ	C
1	0801396	1	Base Weldment	
2	0801524	1	Mid Weldment	
3		Ref	Fly Weldment Options:	
3		Ref	USA Built Machines	
3	1001157429	1	Fly Weldment 600S (was p/n 0801498)	
3	1001157623	1	Fly Weldment 660SJ (was p/n 0801504)	
3		Ref	China Built Machines	
3	0801498	1	Fly Weldment 600S	
3	0801504	1	Fly Weldment 660SJ	
4	1683618	1	Telescope Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
5	3580241	1	Sheave Assembly (Extend)	2-B
5A	0961951	2	Bushing, Garmax	
6	3580243	2	Sheave Assembly (Retract)	1-A
6A	0961951	2	Bushing, Garmax (1 Per Sheave)	
7	1220078	2	Block, Sheave	
8		Ref	Cable (Extend) Options:	
8	3890005	1	ANSI and ANSI Export Specs	
8	3890010	1	Australian and CE Specs	
9	3890006	2	Cable (Retract)	
10	3580248	1	Guard, Sheave (Extend)	
11	3580249	2	Guard, Sheave (Retract)	
12	4846319	1	Support, Wear Pad	
13	3340844	1	Pad, Wear	
16	0100011	AR	Compound, Locking	
17	0681610	4	Bolt 3/8in-16NC x 1-1/4in (Grade 8)	
19		Ref	Block, Cable Options:	
19	0561184	1	ANSI and ANSI Export Specs	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
19	0561245	1	Australian and CE Specs	
20	0641824	2	Bolt 1/2in-13NC x 3in	
21	3312201	2	Nut 3/4in-10NC	
22	3300241	2	Locknut, Special 3/4in-10NC	
23	3340757	2	Pad, Wear	
24	4070896	4	Shim (.06) (Without Slide-In Slots)	
25	0811607	AR	Bolt 3/8in-16NC x 7/8in (was p/n 0641607)	
26		Ref	Pad, Wear Options:	
26	1001148652	20	USA Built Machines	
26	3340881	20	China Built Machines	
27	4070897	28	Shim (.05)	
28	4070898	24	Shim (.12)	
29	0811606	24	Bolt 3/8in-16NC x 3/4in (was p/n 0641606)	
30	0561185	2	Block	
31	0641616	6	Bolt 3/8in-16NC x 2in	
32	0561183	1	Block, Cable	
33	3951608	2	Setscrew 3/8in-16NC x 1in	
34	4711600	AR	Flatwasher 3/8in Thin	
35	3422424	2	Pin (Retract Sheave)	
36	0741612	6	Screw, Countersunk 3/8in-16NC x 1-1/2in	
37	3340871	4	Pad, Wear	
38	4070863	AR	Shim (.12)	
39	4070864	AR	Shim (.05)	
40	0641613	AR	Bolt 3/8in-16NC x 1-5/8in	
41		Ref	Pad, Wear Options:	
41	1001148650	2	USA Built Machines	
41	3340758	2	China Built Machines	
42	4070895	8	Shim (.06)	
43	0811608	22	Bolt 3/8in-16NC x 1in (was p/n 0641608)	
44	0561076	1	Block	
45	3422417	2	Pin (Extend Sheave)	
46	3841143	1	Keeper, Pin	
47		Ref	Pad, Wear Options:	
47	1001148651	2	USA Built Machines	
47	3340755	2	China Built Machines	
48	0641634	4	Bolt 3/8in-16NC x 4-1/4in	
49	3311605	4	Locknut 3/8in-16NC	
50	4070976	1	Shim (.12)	
51	4071004	1	Shim (.25)	
52	0641638	2	Bolt 3/8in-16NC x 4-3/4in	
55	4891600	6	Flatwasher 3/8in Hardened	
56	4891800	2	Flatwasher 1/2in Hardened	
57	3539622	1	Plate, Cover	
58	0641403	4	Bolt 1/4in-20NC x 3/8in	
59	4070929	AR	Shim	
60		Ref	Cable (Extend) Options:	
60	3890005	1	ANSI and ANSI Export Specs	
60	3890009	1	Australian and CE Specs	
61	0561508	1	Plate, Spring Mounting (Australian and CE Specs Only)	
62	4160149	1	Spring (Australian and CE Specs Only)	
63	4360506	1	Switch, Proximity (Australian and CE Specs Only)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
64		Ref	Nut Options:	
64	3300241	1	Locknut, Special 3/4in-10NC (ANSI and ANSI Export Specs)	
64	3272401	1	Nut, Jam 7/8in-9NC (Australian and CE Specs) (was p/n 3300399)	
65		Ref	Nut Options	
65	3300241	1	Locknut, Special 3/4in-10NC (ANSI and ANSI Export Specs)	
65	3272001	1	Nut, Jam 5/8in-11NC (Australian and CE Specs) (was p/n 3300400)	
66		Ref	Locknut Options:	
66	3312201	1	Nut 3/4in-10NC (ANSI and ANSI Export Specs)	
66	3300242	1	Locknut 7/8in-9NC (Australian and CE Specs)	
67		Ref	Locknut Options:	
67	3312201	1	Nut 3/4in-10NC (ANSI and ANSI Export Specs)	
67	3300240	1	Locknut 5/8in-11NC (Australian and CE Specs)	
68	4070939	AR	Shim 16Ga	
69	4070940	AR	Shim 16Ga	
70	4060805	6 in/16cm	Flex-Trim	
71	1320244	1	Clamp (Australian and CE Specs Only)	
72	0641406	1	Bolt 1/4in-20NC x 3/4in (Australian and CE Specs Only)	
73	3311405	1	Locknut 1/4in-20NC (Australian and CE Specs Only) (was p/n 3311401)	
75	0681608	4	Bolt 3/8in-16NC x 1in	
76	3340900	1	Pad, Wear	
77	4071005	AR	Shim	
78	4751600	12	Flatwasher 3/8in Regular	
79	4071007	AR	Shim	
80	0811614	4	Bolt 3/8in-16NC x 1-3/4in (was p/n 0641614)	
81	0961950	2	Bushing, Garmax	
82	0961951	2	Bushing, Garmax (660SJ Only)	
83	3020039	AR	Lubricant (Not Shown)	
84		Ref	Pad, Wear	
84	1001148653	1	USA Built Machines	
84	3340871	1	China Built Machines	
100	2901986	1	Kit, Wear Pad Support (Includes Items 12, 51, 75, 76 & 77)	

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FIGURE 3-4. ROTATOR ASSEMBLIES

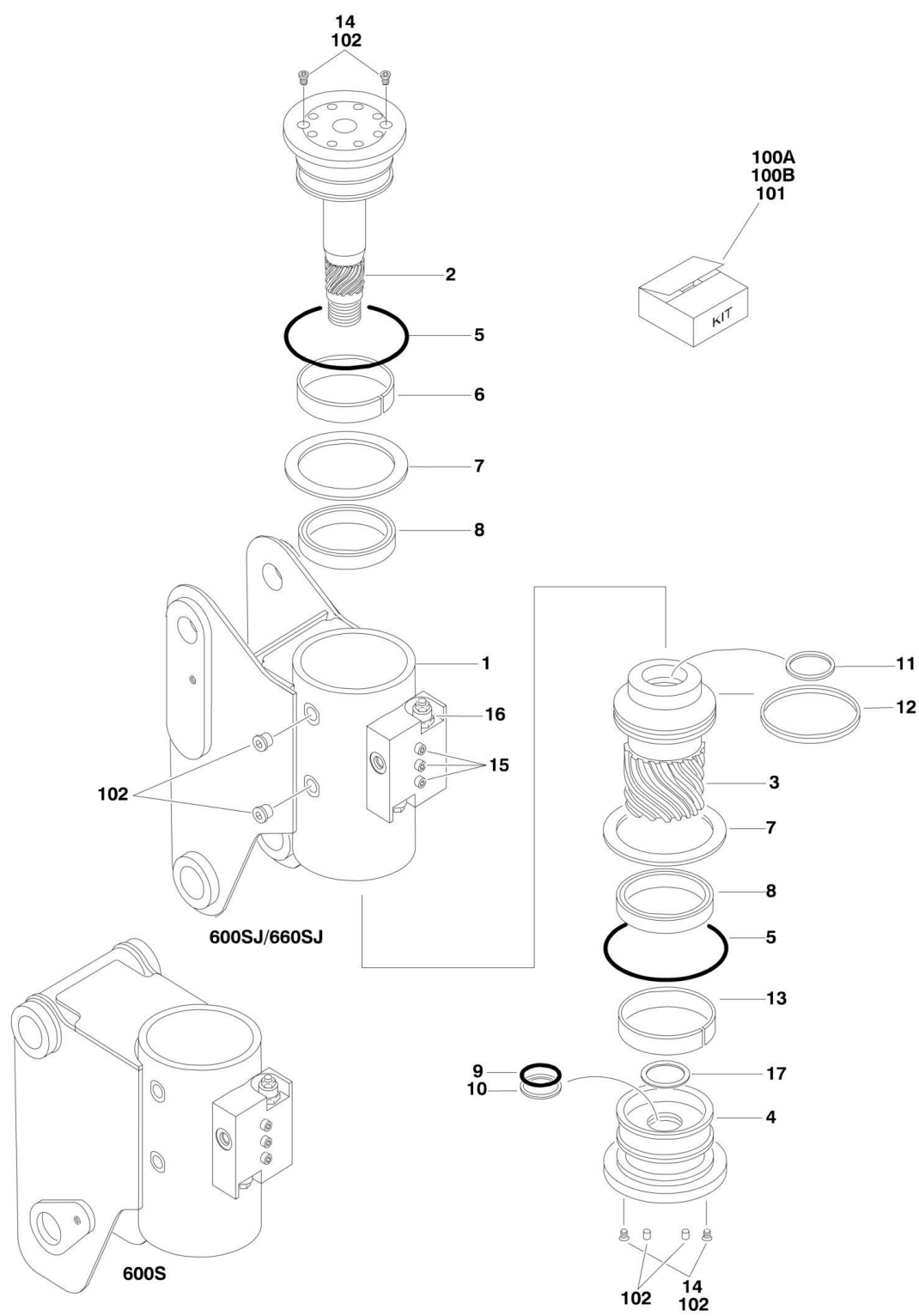


FIGURE 3-4. ROTATOR ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	ROTATOR ASSEMBLIES	
		Ref	Rotator Assemblies 600S	
		Ref	USA Built Machines:	
	0060067	Ref	Rotator Assemblies (SN 0300171769 through 0300181890)	A
	1001157221	Ref	Rotator Assemblies (SN 0300181891 to Present)	A
	0060067	Ref	China Built Machines	A
		Ref	Rotator Assemblies 660SJ	
		Ref	USA Built Machines:	
	0060066	Ref	Rotator Assemblies (SN 0300171769 through 0300181890)	C
	1001157220	Ref	Rotator Assemblies (SN 0300181891 to Present)	A
	0060066	Ref	China Built Machines	C
1	See Note	1	Housing/Ring Gear Assembly (Note: Not Available - Purchase Complete Rotator Assembly.)	
2	7017162	1	Shaft Weldment	
2	7017195	2	Bushing, Shaft	
3	7017163	1	Piston/Sleeve Assembly	
4	7017164	1	Cap, End	
5	See Note	2	O-Ring (Note: Use Item 100A or 100B)	
6	7017159	2	Bearing, Shaft	
7	7017159	1	Thrustwasher	
8	See Note	2	Packing, Bearing (Note: Use Item 100A or 100B)	
9	See Note	2	Seal, Cap (Note: Use Item 100A or 100B)	
10	See Note	1	Ring, Back-Up Cap (Note: Use Item 100A or 100B)	
11	See Note	1	Seal, Rod (Note: Use Item 100A or 100B)	
12	See Note	1	Seal, Piston (Note: Use Item 100A or 100B)	
13	7017159	1	Bearing, Cap	
14	70001697	4	Screw, Countersunk 1/4in-20NC x 3/8in (Grade 8)	
15	See Note	3	Capscrew 1/4in-20NC (Grade 8) (Note: Not Available for Purchase.)	
16		Ref	Valve Assembly Options:	
16	7017183	1	Valve Assembly (Rotator p/n 0060067 & 0060066 Only)	
16	7017193	2	Cartridge, Valve	
16	See Note	2	Seal Kit - 7017193 Valve (Note: Not Available for Purchase.)	
16	See Note	1	Cartridge, Valve (Not Shown - Located on Side of Block) (Note: Not Available for Purchase.)	
16	See Note	1	Seal Kit - Valve Located on Side of Block (Note: Not Available for Purchase.)	
16	7017172	1	Valve Assembly (Rotator p/n 1001157220 & 1001157221 Only)	
16	7017192	2	Cartridge, Valve	
16	See Note	2	Seal Kit - 7017193 Valve (Note: Not Available for Purchase.)	
17	70004314	1	Tube, Stop (Rotator p/n 1001157220 & 1001157221 Only)	
		Ref	KIT OPTIONS	
100		Ref	Seal Kit Options (Includes Items 5, 8 - 12):	
100A	7017158	1	Seal Kit - Standard	
100B	70000342	1	Seal Kit - Low Temperature	
101	7017159		Bearing Kit (Includes Items 6, 7 & 13)	
102	See Note	1	Hardware Kit (Includes Items 14, 2 Setscrews and 2 Plugs) (Note: Not Available for Purchase.)	

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FIGURE 3-5. CONTROL VALVE INSTALLATION (BOOM)

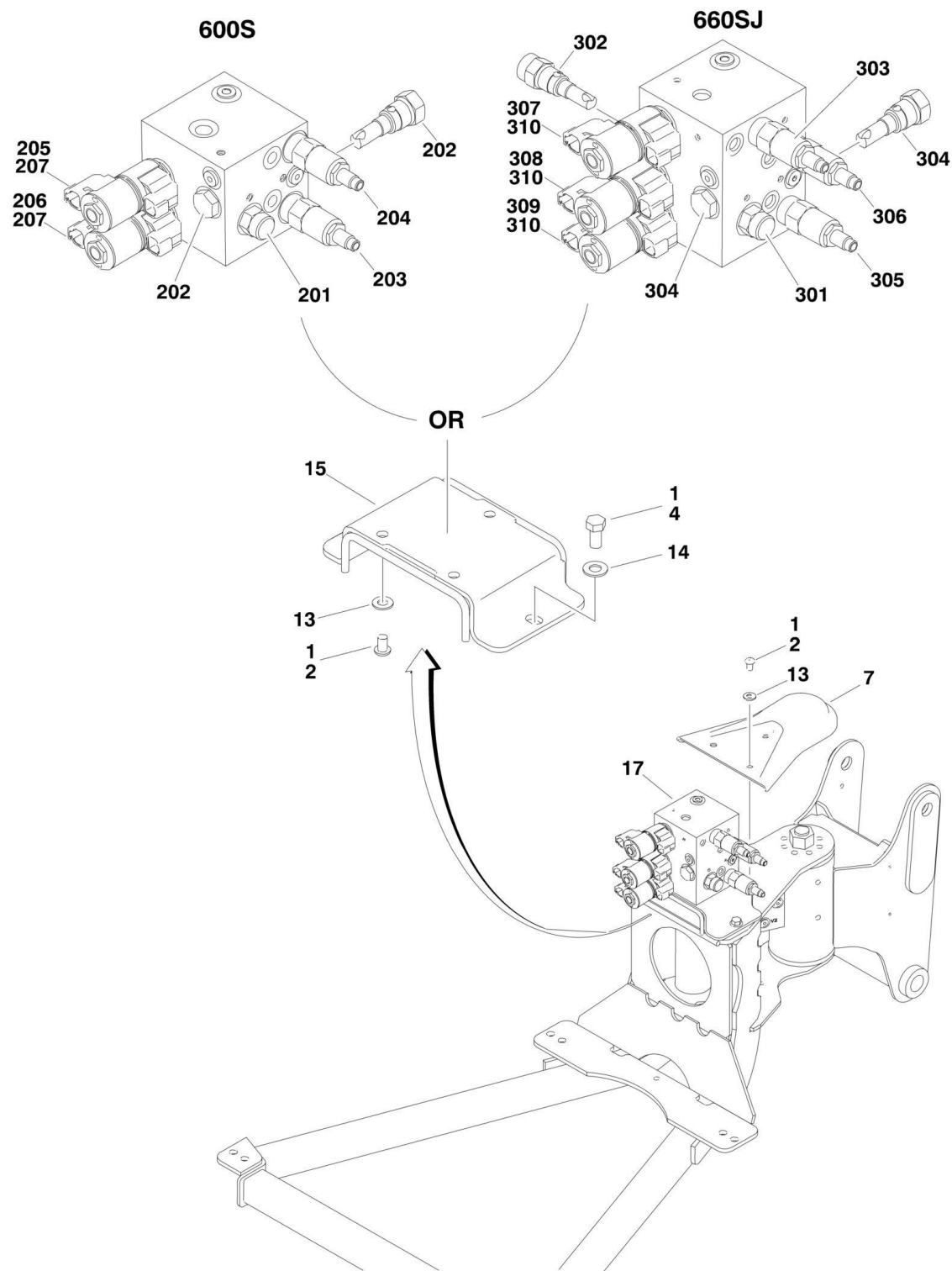


FIGURE 3-5. CONTROL VALVE INSTALLATION (BOOM)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300181891 to Present)	
		Ref	CONTROL VALVES INSTALLATIONS	
	1001160095	Ref	Control Valves Installations 600S (2WS)	A
	1001160096	Ref	Control Valves Installations 600S (4WS)	A
	1001159731	Ref	Control Valves Installations 660SJ (2WS)	A
	1001160192	Ref	Control Valves Installations 660SJ (4WS)	A
1	0100011	AR	Compound, Locking	
2	0630467	6	Screw, Button Head	
4	0641606	2	Bolt 3/8in-16NC x 3/4in	
7	1670964	1	Cover	
13	4711500	6	Flatwasher 5/16in Thin	
14	4711600	2	Flatwasher 3/8in Thin	
15	4846218	1	Plate, Valve Mounting	
17		Ref	Control Valve Assembly Options:	
17	1001152564	1	Control Valve Assembly 600S (See Items 201-209 for Breakdown)	
17	1001152565	1	Control Valve Assembly 660SJ (See Items 301-312 for Breakdown)	
	1001152564	Ref	CONTROL VALVE ASSEMBLY (600S)	A
201	7012965	1	Valve, Flow	
201	7012953	1	Seal Kit - 7012965 Valves	
202	7012914	2	Valve, Cartridge	
202	7012918	2	Seal Kit - 7012914 Valve	
203	7023911	1	Valve, Relief	
203	7012967	1	Seal Kit - 7023911 Valve	
204	7023912	1	Valve, Relief	
204	7012967	1	Seal Kit - 7023912 Valve	
205	7017452	1	Valve, Solenoid (Platform Level)	
205	7017402	1	Seal Kit - 7017452 Valve	
206	7017452	1	Valve, Solenoid (Rotator)	
206	7017402	2	Seal Kit - 7017452 Valve	
207	70002386	4	Coil	
208	70002064	2	Plug, Orifice (Not Shown)	
209	7017406	2	Plug (Not Shown)	
	1001152565	Ref	CONTROL VALVE ASSEMBLY (660SJ)	A
301	7012989	1	Valve, Flow	
301	7012953	1	Seal Kit - 7012989 Valves	
302	7012965	1	Valve, Flow	
302	7012953	1	Seal Kit - 7012965 Valves	
303	70003790	1	Valve, Relief	
303	7021653	1	Seal Kit - 70003790 Valve	
304	7012914	2	Valve, Cartridge	
304	7012918	2	Seal Kit - 7012914 Valve	
305	7023911	1	Valve, Relief	
305	7012967	1	Seal Kit - 7023911 Valve	
306	7023912	1	Valve, Relief	
306	7012967	1	Seal Kit - 7023912 Valve	
307	7017452	1	Valve, Solenoid (Jib)	
307	7017402	2	Seal Kit - 7017452 Valve	

SECTION 3 - BOOM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
308	7017452	1	Valve, Solenoid (Platform Level)	
308	7017402	1	Seal Kit - 7017452 Valve	
309	7017452	1	Valve, Solenoid (Rotator)	
309	7017402	2	Seal Kit - 7017452 Valve	
310	70002386	6	Coil	
311	70002064	2	Plug, Orifice (Not Shown)	
312	7017406	2	Plug (Not Shown)	

FIGURE 3-6. POWER TRACK INSTALLATIONS

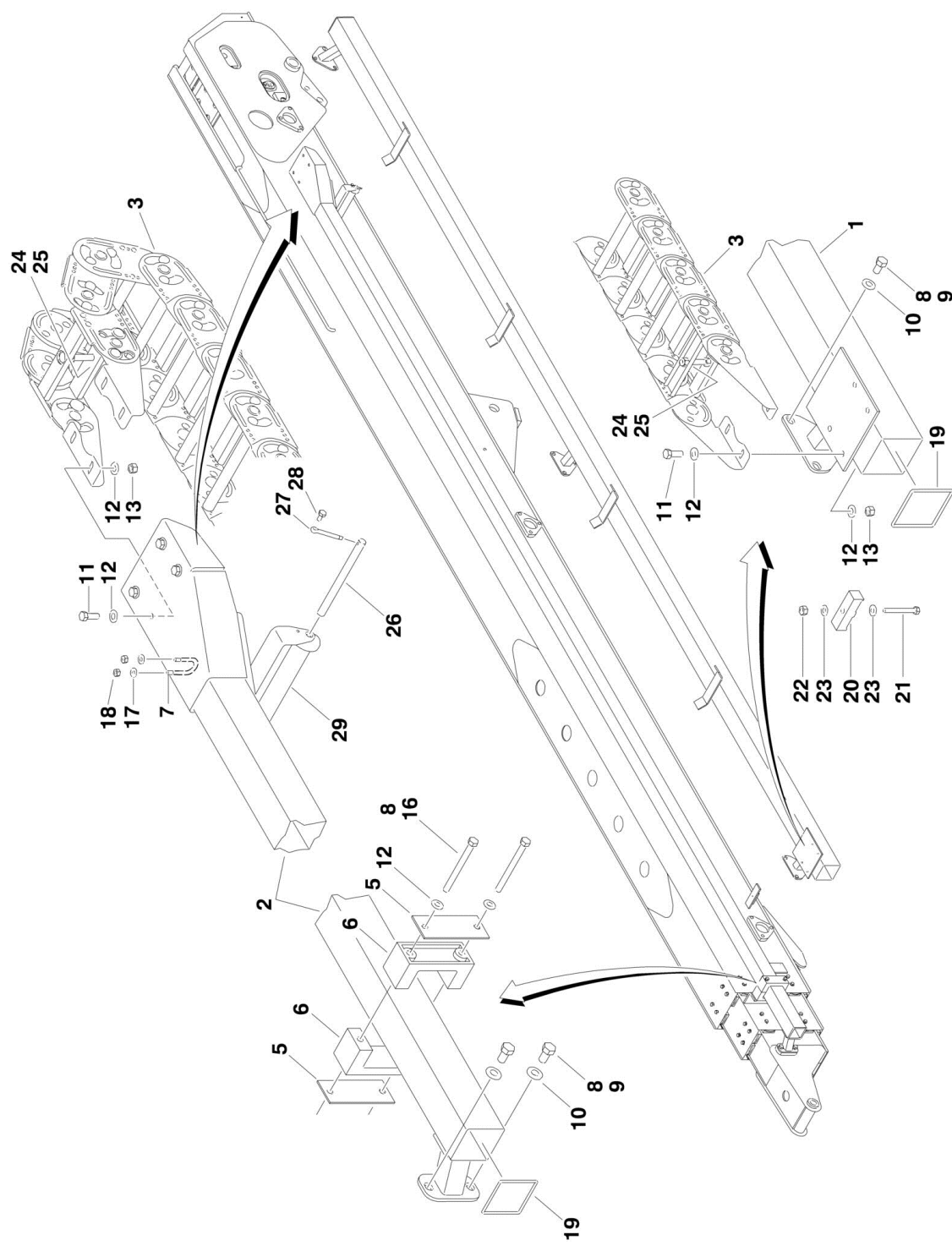


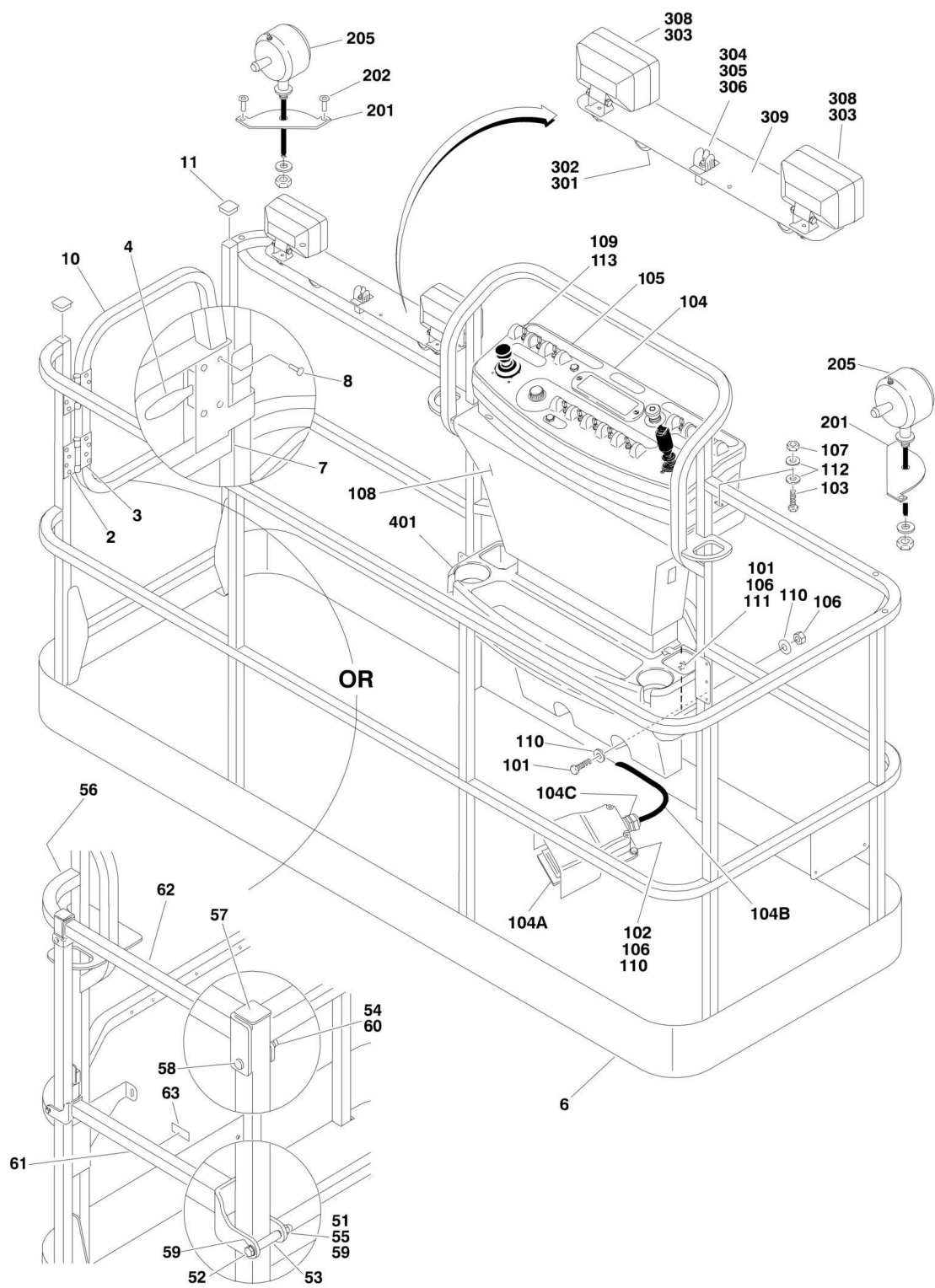
FIGURE 3-6. POWER TRACK INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	POWER TRACK INSTALLATIONS	
	0270804	Ref	USA Built Machines	5
	1001115236	Ref	China Built Machines	A
1		Ref	Support, Power Track Options:	
1	4845819	1	USA Built Machines	
1	1001114668	1	China Built Machines	
2		Ref	Tube, Push Options:	
2	4845671	1	USA Built Machines	
2	1001114816	1	China Built Machines	
3	1001099832	1	Power Track Assembly	
3	70002005	AR	Power Track - 1 Section Repair Kit	
3	70002006	1	Power Track - Bracket Kit	
5	3538758	AR	Plate	
6	3340764	2	Pad, Wear	
7	0630458	1	U-Bolt	
8	0100011	AR	Compound, Locking	
9	0641807	11	Bolt 1/2in-13NC x 7/8in	
10	4711800	11	Flatwasher 1/2in Thin	
11	0641608	8	Bolt 3/8in-16NC x 1in	
12	4711600	18	Flatwasher 3/8in Thin	
13	3311605	8	Locknut 3/8in-16NC	
16		Ref	Bolt 3/8in-16NC Options:	
16	0641644	2	Bolt 3/8in-16NC x 5-1/2in	
16	0641648	2	Bolt 3/8in-16NC x 6in	
17	4711400	2	Flatwasher 1/4in Thin	
18	3311405	2	Locknut 1/4in-20NC	
19	4060803	AR	Shield, Trim	
20	1320247	1	Clamp, Nylon	
21	0641522	1	Bolt 5/16in-18NC x 2-3/4in	
22	3311505	1	Locknut 5/16in-18NC	
23	4711500	2	Flatwasher 5/16in Thin	
24	4070994	2	Shim	
25	4070995	2	Shim	
25	0100081	AR	Adhesive	
26	3841013	1	Roller, Rod	
27	3450806	1	Pin, Cotter	
28	0641404	1	Bolt 1/4in-20NC x 1/2in	
29	3860050	1	Roller	

SECTION 4 - PLATFORM

SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION



SECTION 4 - PLATFORM

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	PLATFORM ASSEMBLY WITH GATE:	
		Ref	USA Built Machines:	
	1001144027	Ref	Platform 30in x 4ft (76cm x 1.22m)	B
	1001144026	Ref	Platform 30in X 5ft (76cm x 1.52m) with No Mesh	B
	1001144024	Ref	Platform 36in X 6ft (91.5cm x 1.83m) with No Mesh	B
	1001144023	Ref	Platform 36in X 8ft (91.5cm x 2.44m) with No Mesh	B
		Ref	China Built Machines:	
	1001146180	Ref	Platform 36in X 6ft (91.5cm x 1.83m) with No Mesh	B
	1001146179	Ref	Platform 36in X 8ft (91.5cm x 2.44m) with No Mesh	B
2	2080040	16	Fastener, Huck	
3	2600281	2	Hinge, Self-Closing	
4	2940074	1	Latch	
6	See Note	1	Platform Weldment (Note: Purchase Complete Platform Assembly.)	
7		Ref	Cap-Plug Options:	
7	3520072	1	USA Built Machines	
7	1001152037	3	China Built Machines	
8	3820020	4	Rivet	
10		Ref	Gate Weldment Options:	
10	1001144629	1	USA Built Machines	
10	1001144629	1	China Built Machines	
11		Ref	Cap-Plug Options:	
11	3520198	2	USA Built Machines	
11	1001145781	2	China Built Machines	
		Ref	PLATFORM ASSEMBLY WITH DROP-BAR	
		Ref	USA Built Machines:	
	1001144018	Ref	Platform 30in X 4ft (76cm x 1.22m) with No Mesh	B
	1001144019	Ref	Platform 30in X 5ft (76cm x 1.52m) with No Mesh	B
	1001144021	Ref	Platform 36in X 6ft (91.5cm x 1.83m) with No Mesh	B
	1001128598	Ref	Platform 36in x 6ft (91.5cm x1.83m) with Mesh to Mid Rail (Machines with Shipyard Package) (Not Shown)	B
	1001128479	Ref	Platform 36in x 6ft (91.5cm x1.83m) with Mesh to Mid Rail and Platform Bumpers (Machines with Shipyard Package) (Not Shown)	B
	1001144022	Ref	Platform 36in X 8ft (91.5cm x 2.44m) with No Mesh	B
		Ref	China Built Machines:	
	1001146182	Ref	Platform 36in X 6ft (91.5cm x 1.83m) with No Mesh	B
	1001146181	Ref	Platform 36in X 8ft (91.5cm x 2.44m) with No Mesh	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 DECALS 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	

SECTION 4 - PLATFORM

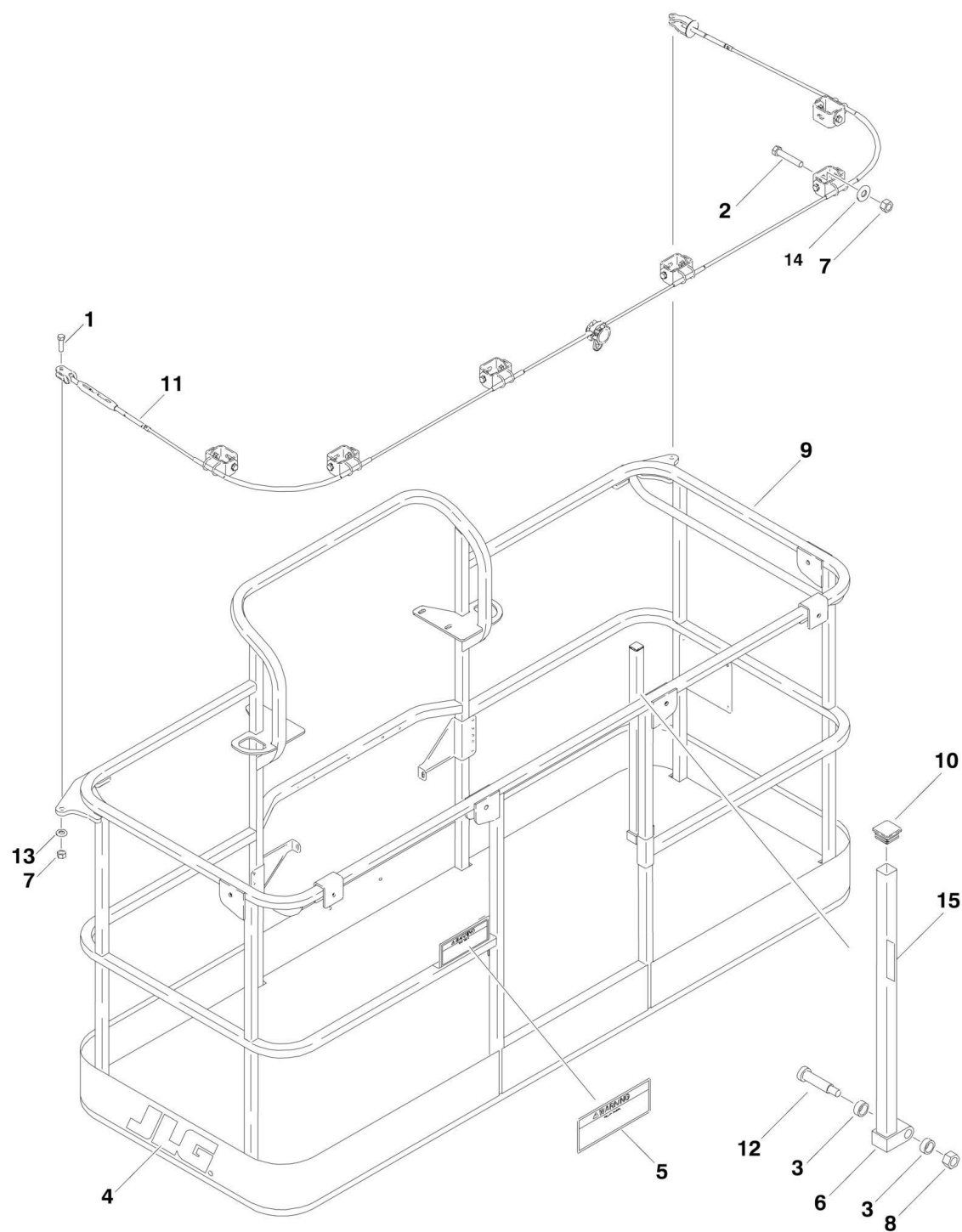
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
54	3290606	2	Nut M6	
55	3300151	2	Nut, Acorn	
56	See Note	1	Platform Weldment (Note: Purchase Platform Assembly.)	
57		Ref	Cap-Plug Options:	
57	3520198	2	USA Built Machines	
57	1001145781	2	China Built Machines	
58	4010618	2	Screw M6 x 50mm	
59	4711400	4	Flatwasher 1/4in Thin	
60	4811700	2	Flatwasher M6	
61		Ref	Bar, Drop Options:	
61	1001138494	1	Standard Machines without Shipyard Package	
61	1001111346	1	Machines with Shipyard Package	
62	1001138514	1	Rail (Top)	
63	1001140429	1	Decal - Drop-Bar	
		Ref	CONSOLE BOX INSTALLATION	
		Ref	USA Built Machines:	
	1001145896	Ref	Console Box Installation (SN 0300171769 through 0300181890)	A
	1001159096	Ref	Console Box Installation (SN 0300181891 through 0300183172)	A
	1001159286	Ref	Console Box Installation (SN 0300183173 to Present)	A
	1001145896	Ref	China Built Machines	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		Ref	Platform Console Box Assembly Options (See PLATFORM CONSOLE ASSEMBLY for Breakdown):	
104		Ref	USA Built Machines	
104	1001145895	Ref	Platform Console Box Assembly (SN 0300171769 through 0300181890)	
104	1001159099	Ref	Platform Console Box Assembly (SN 0300181891 through 0300183172)	
104	1001159285	Ref	Platform Console Box Assembly (SN 0300183173 to Present)	
104	1001145895	1	China Built Machines	
104A	1001117174	1	Footswitch Assembly Options (Includes Footswitch and Items 104B & 104C):	
104A	1001117172	1	Footswitch	
104A	70002902	1	Block, Contact	
104A	70002903	1	Gasket	
104A	70002905	1	Cover	
104A	70002904	1	Bolt Replacement Kit	
104B	1060918	7 ft/2.14m	Cable, Electrical - 18/3	
104C	4460071	1	Connector, Strain Relief	
105	1702676	1	Decal - Horn	
106	3311405	7	Locknut 1/4in-20NC	
107	3311605	4	Locknut 3/8in-16NC	
108	3380434	1	Panel, Decal Mount	
109	4360331	1	Switch, Toggle	
110	4740362	7	Flatwasher 1/4in Fender	
111	4751400	4	Flatwasher 1/4in Regular	
112	4751600	8	Flatwasher 3/8in Regular	
113	3790012	1	O-Ring	

SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	WORKLIGHTS INSTALLATIONS (OPTIONAL)	
	0273486	Ref	Worklights Installations 600S	D
	0273491	Ref	Worklights Installations 660SJ	D
201	3536089	2	Plate, Mounting	
202	2080040	4	Huck Fastener	
205	2920140	2	Worklight	
205	7016399	2	Bulb, Replacement (1 Per Worklight)	
206	4240099	10	Tie-Strap (Not Shown)	
207	2820035	9 ft/2.7m	Loom, Vinyl (Not Shown)	
209	4460426	1	Connector, Strain Relief (Not Shown - Located at Console Box)	
		Ref	FLOODLIGHT INSTALLATION (OPTIONAL)	
	0274209	Ref	Floodlight Installation 600S	A
	1001093274	Ref	Floodlight Installation 660SJ	A
301	0641518	2	Bolt 5/16in-18NC x 2-1/4in	
302	2560173	2	Handle	
303	2920157	2	Lamp, Work Light	
304	3250585	1	Nameplate - Light On	
305	4060802	1	Guard, Switch	
306	4360336	1	Switch, Toggle	
307	4420037	1	Tape, Insulation (Not Shown)	
308	4751800	2	Flatwasher 1/2in Regular	
309	4846561	1	Mount, Light	
310		Ref	Harness 12/3 Options (Not Shown):	
310	4922888	1	Harness 600S	
310	4922964	1	Harness 660SJ	
		Ref	TRAY INSTALLATIONS (OPTIONAL)	
401	1580012	1	Tray, Storage (Center)	
402	1580013	1	Tray, Storage (Rail Mounted - Not Shown)	

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



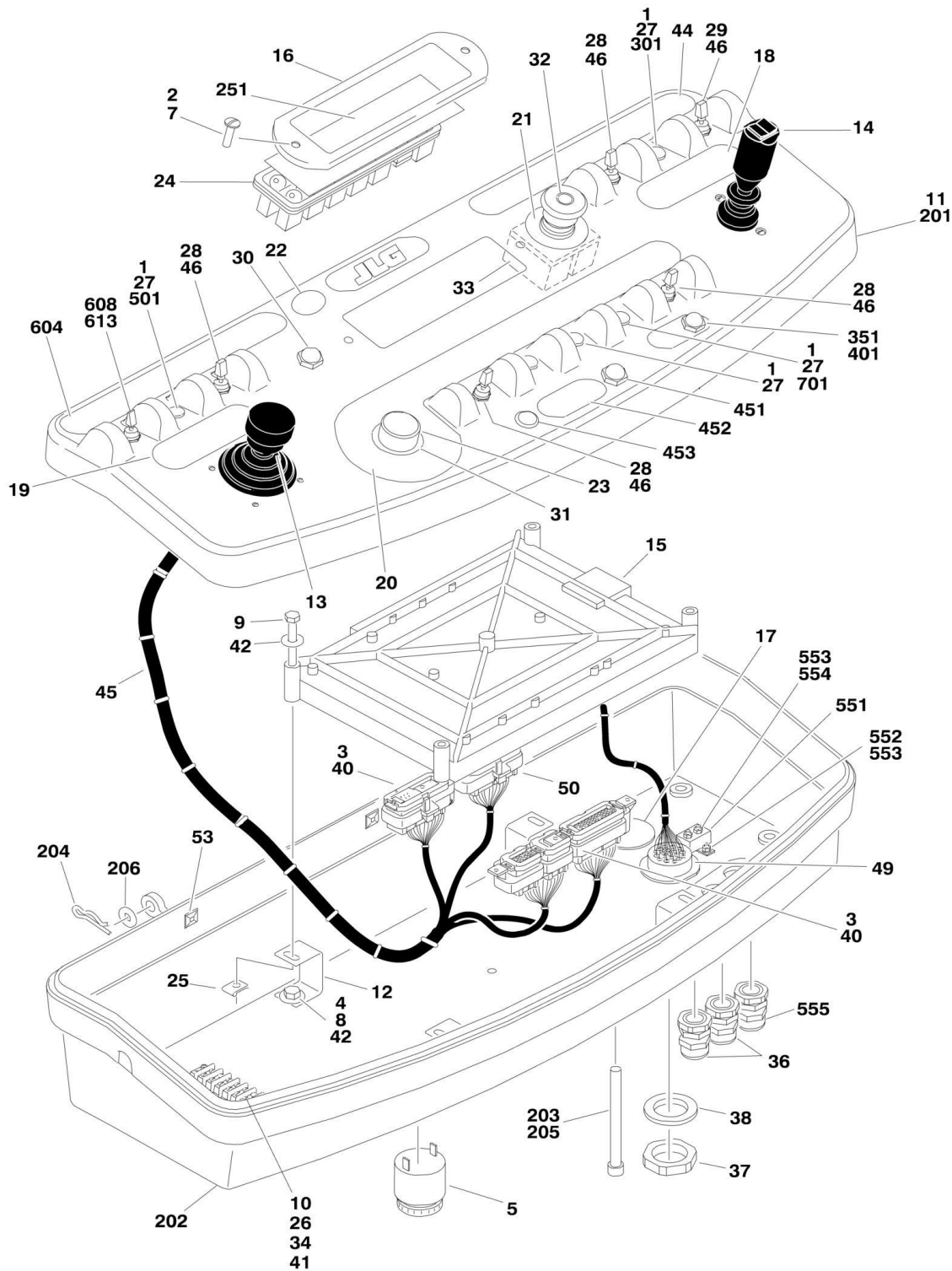
SECTION 4 - PLATFORM

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Only Available on USA Built Machines.	
		Ref	PLATFORM ASSEMBLY (FALL ARREST)	
	3510884	Ref	ANSI Spec (3ft x 6ft)	D
	3510868	Ref	ANSI Spec (3ft x 8ft)	E
		Ref	Note: Fall Arrest Not Available on Australian or CE Spec Machines.	
1	0681814	2	Bolt 1/2in-13NC x 1-3/4in (Grade 8)	
2	0681822	6	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	8	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		Ref	Cable, Fall Arrest Options:	
11	1060919	1	ANSI Spec (3ft x 6ft)	
11	3890040	1	ANSI Spec (3ft x 8ft)	
12	3900054	1	Bolt 1/2in-13NC x 1-3/4in	
13	4711800	2	Flatwasher 1/2in Thin	
14	4751800	6	Flatwasher 1/2in Regular	
15	1706385	1	Decal - Drop Bar	

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FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY



SECTION 4 - PLATFORM

FIGURE 4-3. PLATFORM CONSOLE ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	CONSOLE BOX AND FOOTSWITCH ASSEMBLIES	
		Ref	USA Built Machines:	
	1001145895	Ref	Console Box and Footswitch Assemblies (SN 0300171769 through 0300181890)	B
	1001159099	Ref	Console Box and Footswitch Assemblies (SN 0300181891 through 0300183172)	A
	1001159285	Ref	Console Box and Footswitch Assemblies (SN 0300183173 to Present)	A
	1001145895	Ref	China Built Machines	B
1	0100009	AR	Sealant	
2	0100035	AR	Compound, Locking	
3	0100048	AR	Grease, Dielectric	
4	0100081	AR	Compound, Locking	
5	0140011	1	Alarm	
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	Screw #10-24NC x 3/4in	
11	0861537	1	Box, Console (See Items 201-206 for Breakdown)	
12	0902751	4	Bracket, Module Support	
13	1001129555	1	Controller Assembly (Lift and Swing) (was p/n 1001118417) (See CONTROLLER ASSEMBLY (LIFT AND SWING) for Breakdown)	
14	1001118416	1	Controller Assembly (Drive AND Steer) (See CONTROLLER ASSEMBLY (DRIVE AND STEER) for Breakdown)	
15		Ref	Controller, Module Options (Re-calibration Required when Replaced):	
15		Ref	USA Built Machines	
15	1001106355	1	Controller, Module (SN 0300171769 through 0300181890)	
15	1001106938	1	Controller, Module (SN 0300181891 to Present)	
15	1001106355	1	China Built Machines	
16	1670829	1	Bezel	
17	1001110434	1	Cover (was p/n 1671037)	
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	
24	2920129	12	Bulb, Light	
25	3300353	4	Nut, Tinnerman	
26	3311005	2	Locknut #10-24NC	
27	3520054	5	Plug, Hole 1/2in	
28		Ref	Switch, Toggle Options:	
28		Ref	USA Built Machines	
28	4360328	AR	Switch, Toggle (SN 0300171769 through 0300183172)	
28	1001155045	AR	Switch, Toggle (SN 0300183173 to Present)	
28	1001155044	AR	Nut (SN 0300183173 to Present)	
28	4360328	AR	China Built Machines	
29		Ref	Switch, Toggle Options:	

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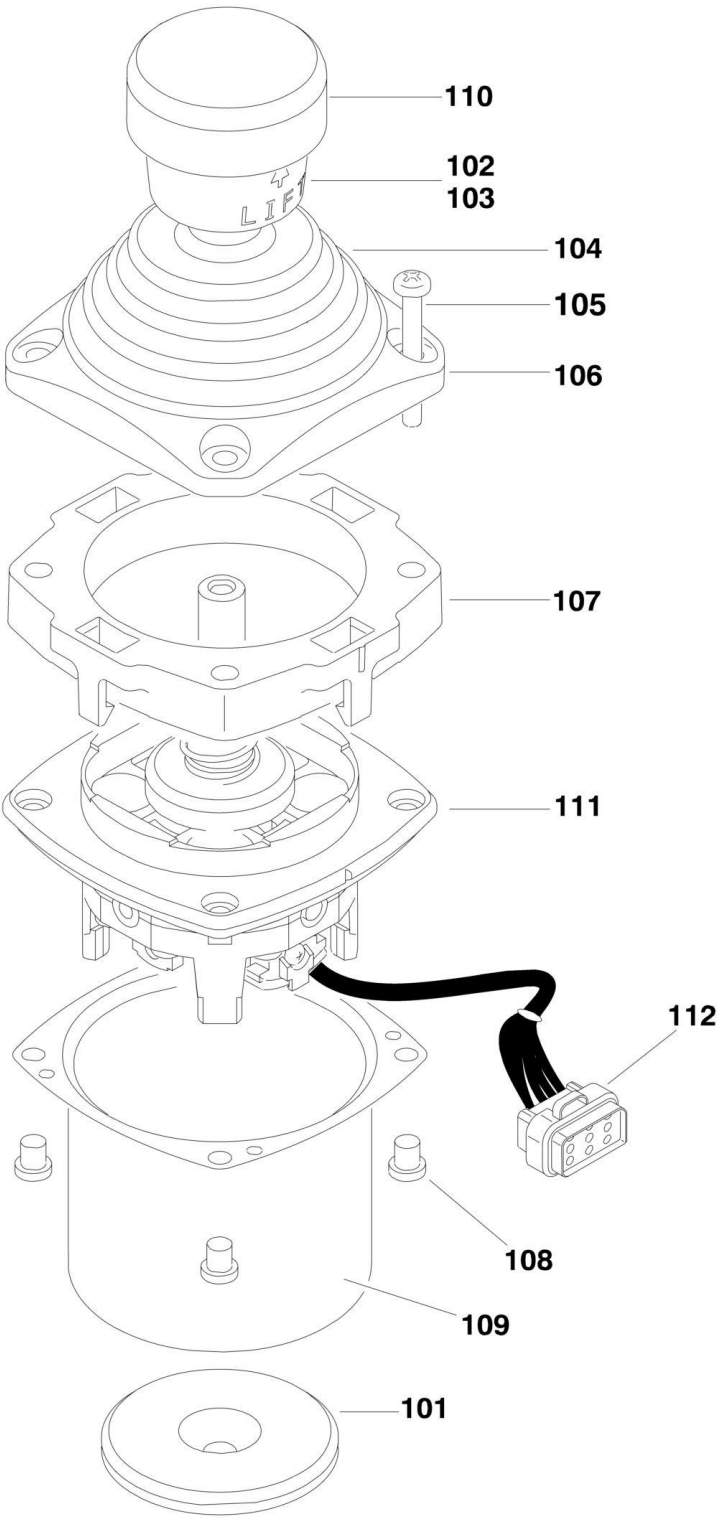
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29		Ref	USA Built Machines	
29	4360330	1	Switch, Toggle (SN 0300171769 through 0300183172)	
29	1001159256	1	Switch, Toggle (SN 0300183173 to Present)	
29	1001155044	1	Nut (SN 0300183173 to Present)	
29	4360330	1	China Built Machines	
30	4360387	1	Switch, Pushbutton	
31	4360407	1	Controller, Speed	
31	See Note	1	Gasket "Top Hat" (Included with Switch) (Note: Not Available - Purchase Complete Controller.)	
31	70003784	1	Seal	
32	4360475	1	Switch, Emergency Stop	
32	7020175	1	Cap, Red	
32	7020176	1	Contact Block	
33	4360476	1	Block, Contact	
34	4460007	1	Bar, Buss	
35	4460234	3	Mount, Wire Tie (Not Shown - Used on bottom of Console Lid)	
36	4460428	2	Connector, Strain Relief	
37	4460470	1	Nut, Strain Relief	
38	4460471	1	Lockwasher, Strain Relief	
39	4460708	2	Connector, Female - 15 Position (Not Shown - Used on Console Box End of Footswitch Cable and Analyzer Harness)	
40	4460905	5	Connector, Amp Seal Plug	
41	4751000	2	Flatwasher #10 Regular	
42	4751400	8	Flatwasher 1/4in Regular	
43	4922666	1	Harness, Analyzer Cable (Not Shown - See ELECTRICAL SECTION for Breakdown)	
44	1001131168	1	Decal (Stop) (was p/n 1001107677)	
45	1001107753	1	Harness, Platform Box (See ELECTRICAL SECTION for Breakdown)	
46	3790012	5	O-Ring	
		Ref	Decal Kit - Console Box Options:	
	1001119562	1	ANSI Spec (Includes Items 18-22, 44 & 251)	
	See Note	1	All Other Specs (Note: Not Available for Purchase.)	
	0861537	Ref	CONSOLE BOX ASSEMBLY	G
201	See Note	1	Console Top (Note: Not Available - Purchase Complete Console Box Assembly.)	
202	See Note	1	Console Bottom (Note: Not Available - Purchase Complete Console Box Assembly.)	
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 Thin	
		Ref	LIGHT PANEL DECAL INSTALLATION	
	1001108763	Ref	ANSI, ANSI Export, CSA, Brazilian, Japanese and Latin America Specs	B
	1001108764	Ref	ANSI Export, Australian and CE Specs	A
251		Ref	Decal - Display Options:	
251	1001121657	1	ANSI, ANSI Export, CSA, Brazilian, Japanese and Latin America Specs	
251	1001107926	1	CE, ANSI Export, Australian and Japanese Specs	
		Ref	DUAL FUEL SWITCH INSTALLATION (GM ENGINE MACHINES)	
301	4360336	1	Switch, Toggle	
301	3790012	1	O-Ring	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV	
351	0271552	Ref	HEAD AND TAIL LIGHTS INSTALLATIONS (OPTIONAL) Switch, Toggle (Not Shown - Located on Console)	C	
	4360522	1			
401	0274210	Ref	CHASSIS ILLUMINATION LIGHT INSTALLATION (OPTIONAL) Switch, Toggle (Not Shown - Located on Console)	B	
	4360522	1			
		Ref	SOFT TOUCH SYSTEM INSTALLATION (OPTIONAL)		
		Ref	USA Built Machines:		
	0273824	Ref	6ft Platforms	B	
	1001108256	Ref	6ft Platforms with Fall Arrest	A	
	0272427	Ref	8ft Platforms	E	
	0273706	Ref	8ft Platforms With Fall Arrest	B	
		Ref	China Built Machines:		
	0272427	Ref	8ft Platforms	E	
	451	4360387	1	Switch, Pushbutton	
	452	1702938	1	Decal - Soft Touch Override	
453	2920028	1	Light, Indicator		
453	2920029	1	Bulb, Light		
		Ref	4WS COMPONENTS INSTALLATION (OPTIONAL)		
		Ref	USA Built Machines:		
	1001148163	Ref	Machines without Tow Package	A	
	1001148166	Ref	Machines with Tow Package	A	
		Ref	China Built Machines:		
	0258945	Ref	Machines without Tow Package	A	
501	4360331	1	Switch, Toggle		
501	3790012	1	O-Ring		
		Ref	PLATFORM WORKLIGHT INSTALLATION (OPTIONAL)		
	0273486	Ref	Platform Worklight Installation 600S	C	
	0273491	Ref	Platform Worklight Installation 660SJ	C	
	551	4360232	1	Breaker, Circuit - 15Amp	
552	0721003	2	Bolt #10-24NC x 3/8in		
553	4761000	4	Lockwasher #10		
554	3311001	2	Nut #10-24NC		
555	4460426	1	Connector, Strain Relief		
		Ref	CONSOLE BOX INSTALLATION		
		Ref	USA Built Machines:		
	1001145896	Ref	Console Box Installation (SN 0300171769 through 0300181890)	A	
	1001159096	Ref	Console Box Installation (SN 0300181891 through 0300183172)	A	
	1001159286	Ref	Console Box Installation (SN 0300183173 to Present)	A	
	1001145896	Ref	China Built Machines	A	
604	1702676	1	Decal - Horn		
608	4360331	1	Switch, Toggle		
613	3790012	1	O-Ring		
		Ref	JIB SWITCH INSTALLATION (660SJ ONLY)		
701	4360328	1	Switch, Toggle		
701	3790012	1	O-Ring		

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



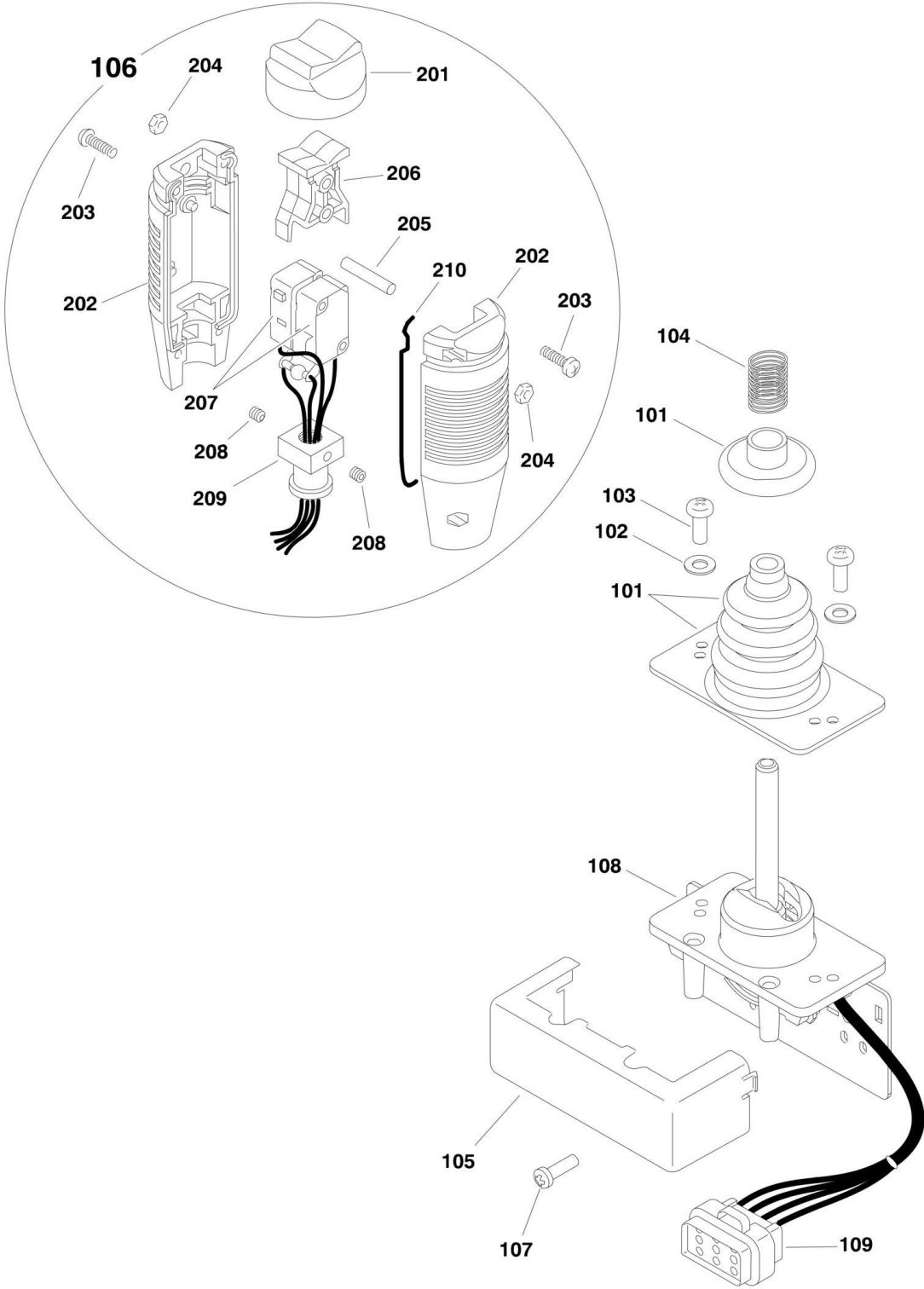
SECTION 4 - PLATFORM

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001129555	Ref	CONTROLLER ASSEMBLY	A
		Ref	Note: Was p/n 1001118417 Assembly - Use p/n 1001129555 Kit as replacement.	
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	1001129555	1	Mechanical Assembly (Note: Not Available for Purchase.)	
112	7022819	1	Plug, Male 8 Position (Natural)	
112	4460871	6	Socket, Female	

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



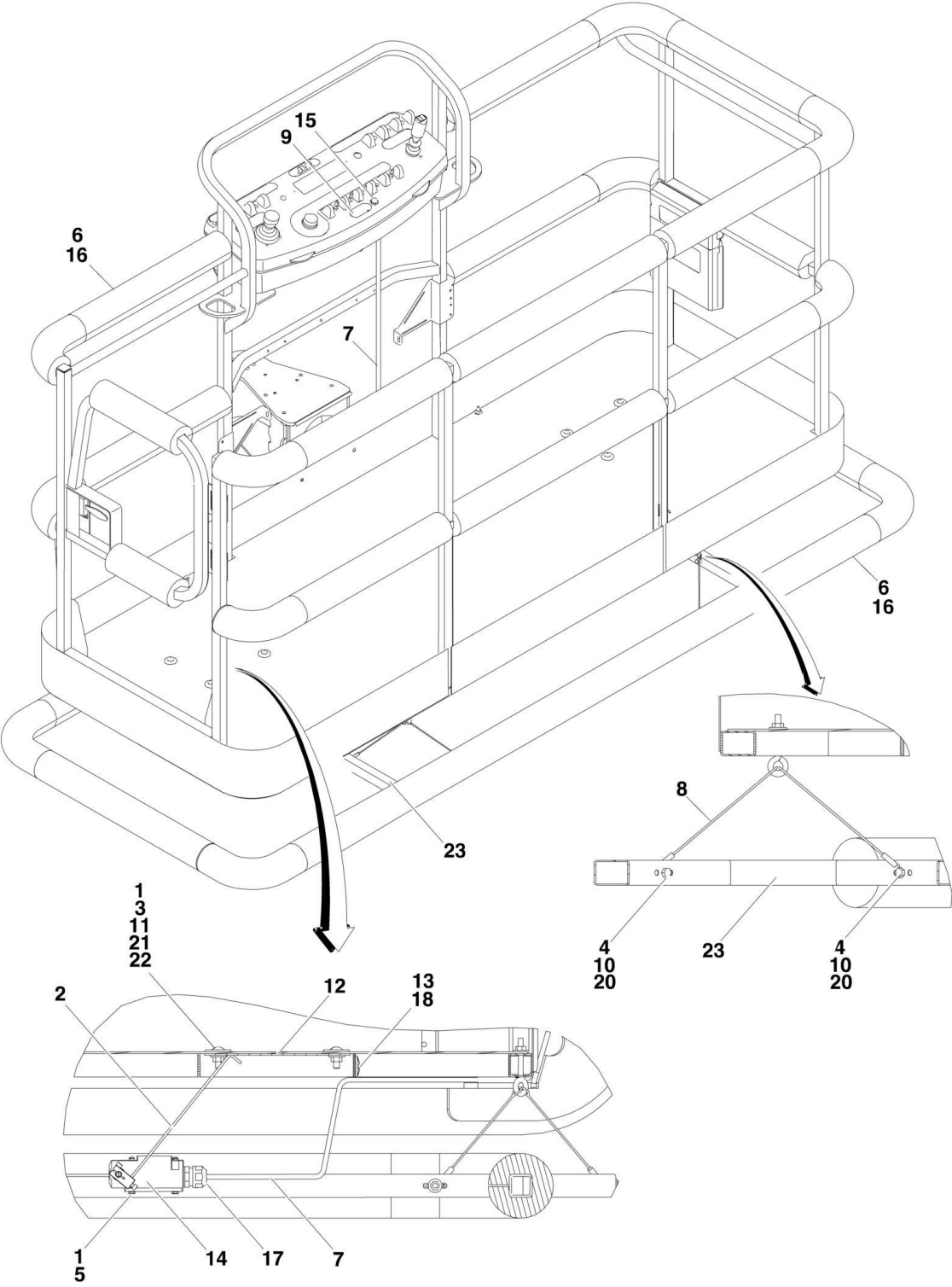
SECTION 4 - PLATFORM

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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001118416	Ref	CONTROLLER ASSEMBLY	A
101	70002724	1	Boot and 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	1001118416	1	Mechanical Assembly (Note: Not Available for Purchase.)	
109	7022825	1	Plug, Male - 8 Position (Black)	
109	4460871	7	Socket, Female	
	70002727	Ref	HANDLE ASSEMBLY	
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	70002729	1	Wiring Assembly	
207	7003982	2	Switch, Micro	
208	7003983	2	Setscrew	
209	7019194	1	Coupling	
210	7003989	2	Gasket	

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



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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	SOFT TOUCH SYSTEM INSTALLATIONS	
		Ref	USA Built Machines:	
	0273824	Ref	6ft Platforms (Side Entry Platform)	A
	0272427	Ref	8ft Platforms (Side Entry Platform)	E
	1001108256	Ref	6Ft/1.8m Platforms (Fall Arrest Platform)	A
	0273706	Ref	8Ft/2.4m Platforms (Fall Arrest Platform)	A
		Ref	China Built Machines:	
	0272427	Ref	8ft Platforms (Side Entry Platform)	E
		Ref	Note: For Overhead Soft Touch, See SPECIAL OPTIONS SECTION.	
1	0100011	AR	Compound, Locking	
2	0200048	2	Arm, Switch	
3	0630462	8	Bolt, Carriage	
4	0641414	8	Bolt 1/4in-20NC x 1-3/4in	
5	0721005	4	Bolt #10-24NC x 5/8in	
6		Ref	Bumper Kits (Includes Corners and Enough Straight Material for One Platform)	
6	0940134	1	6ft Platforms (Side Entry Platform)	
6	0940103	1	8ft Platforms (Side Entry Platform)	
6	0940177	1	6Ft/1.8m Platforms (Fall Arrest Platform)	
6	0940133	1	8Ft/2.4m Platforms (Fall Arrest Platform)	
6	0940092	1	Bumper (Corner) Options:	
6	0940092	12	Standard Side Entry Platform	
6	0940092	8	Fall Arrest Platforms	
6	0940094	AR	Bumper	
7	1060341		Cable, Electrical - 16/2 Options:	
7	1060341	22 ft/6.7m	6ft Platform	
7	1060341	23 ft/7m	8ft Platform	
8	1060903	4	Wire Rope and Eyebolt Assembly	
9	1702938	1	Decal - Soft Touch Override	
10	3311401	8	Nut 1/4in-20NC	
11	3311501	8	Nut 5/16in-18NC	
12		Ref	Plate, Switch Strike Options:	
12	3575359	2	6ft Platform	
12	3574091	2	8ft Platform	
13	4240099	7	Tie-Strap	
14	4360057	2	Switch, Limit	
15	4360387	1	Switch, Push Button	
16	4420068	1	Tape, Adhesive	
17	4460049	2	Connector, Strain Relief	
18	4460234	7	Tie-Strap	
19	4460425	1	Connector, Strain Relief	
20	4751400	8	Flatwasher 1/4in Regular	
21	4751500	12	Flatwasher 5/16in Regular	
22	4751800	8	Flatwasher 1/2in Regular	
23		Ref	Rail, Soft Touch Options:	
23	3641569	1	6ft Platform	
23	4846673	1	8ft Platform	
100		Ref	Soft-Touch Add-On Kit Options (Includes required components to add option to existing machines) (Not Shown):	

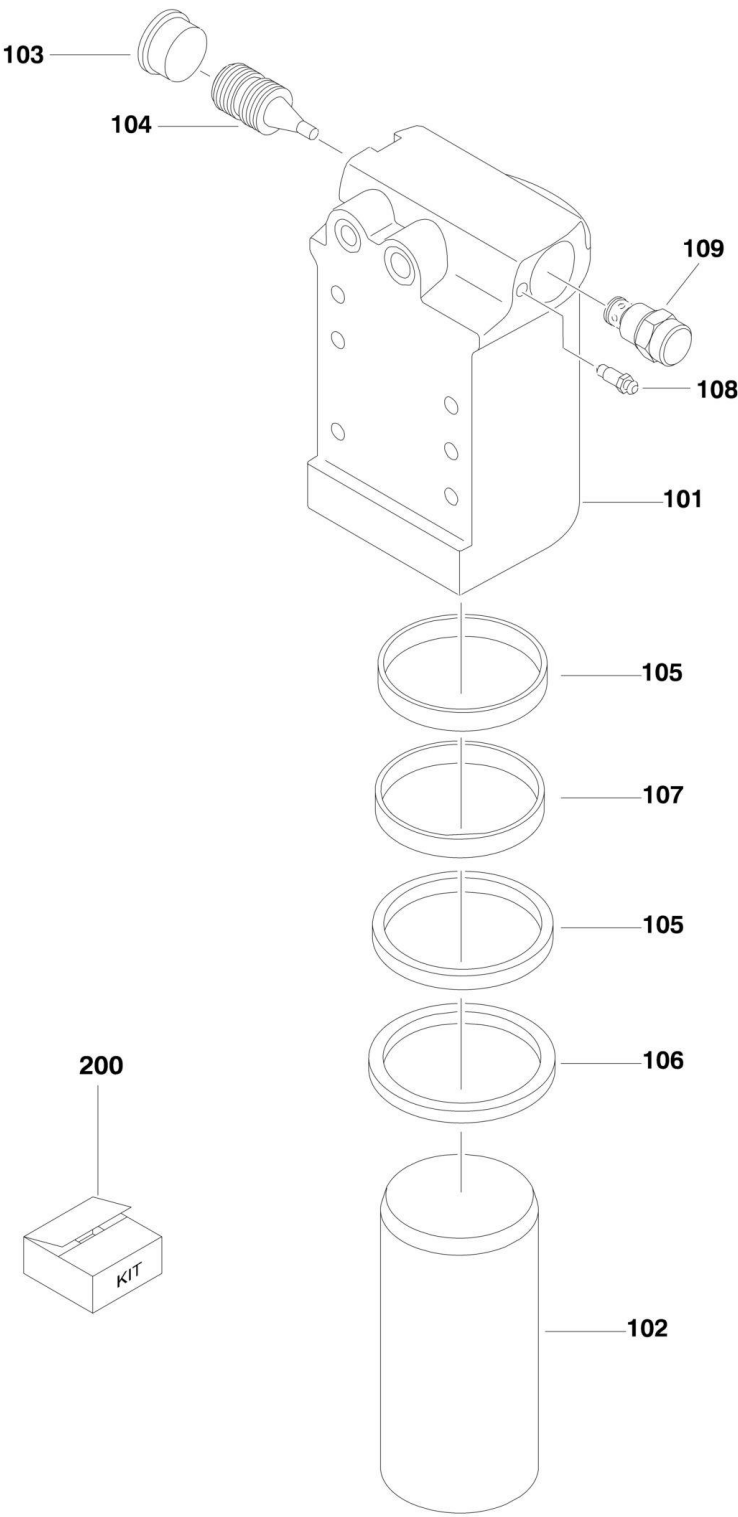
SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: May not be available for all machines depending on existing options. Contact JLG Parts Dept before ordering.	
100	1001121592	1	3ft x 6ft (.9m x 1.83m) Platform	
100	1001121593	1	3ft x 6ft (.9m x 2.44m) Platform	

SECTION 5 - CYLINDER

SECTION 5 - CYLINDER

FIGURE 5-1. AXLE LOCKOUT CYLINDER ASSEMBLY



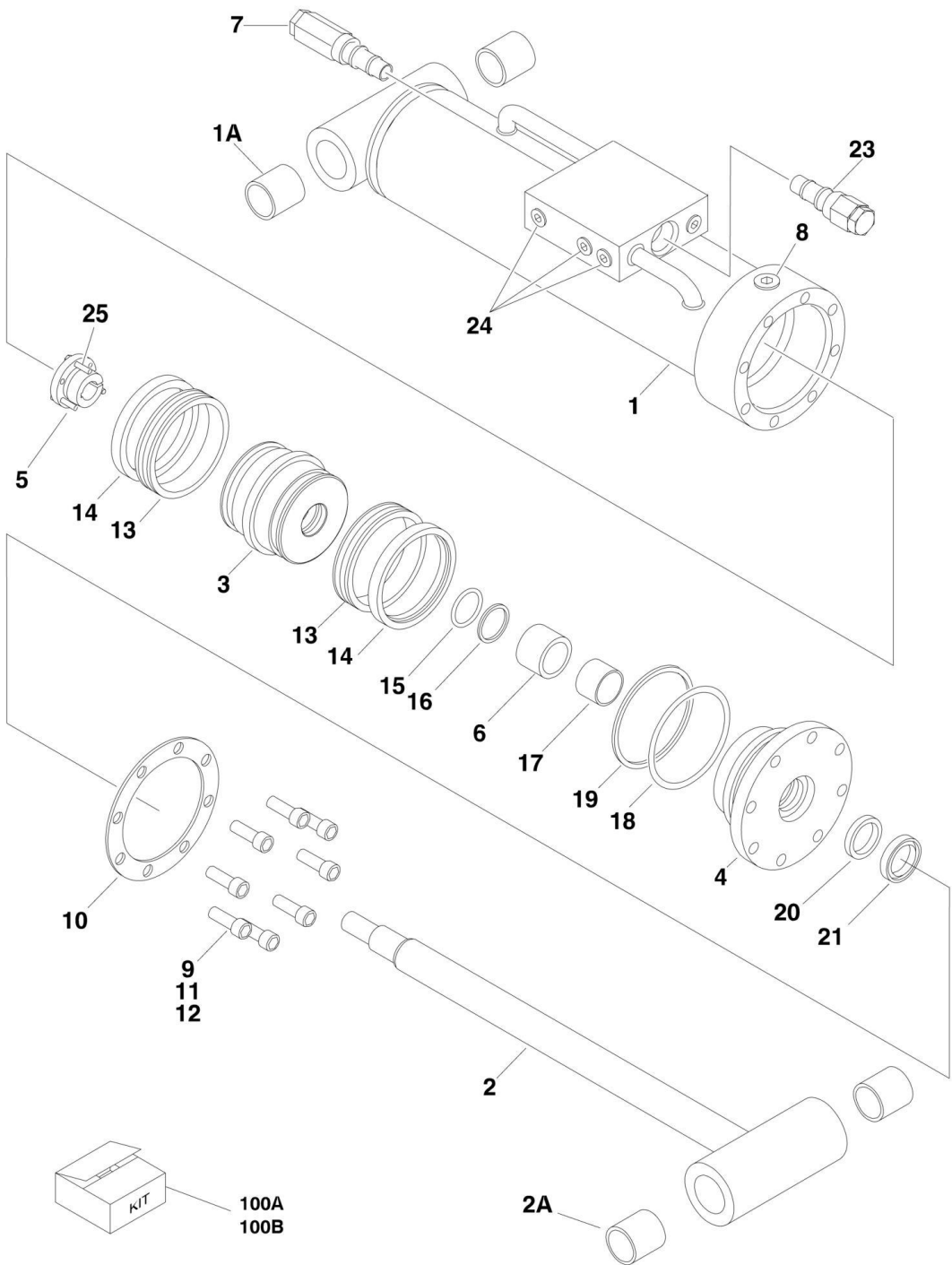
SECTION 5 - CYLINDER

FIGURE 5-1. AXLE LOCKOUT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1684465	Ref	AXLE LOCKOUT CYLINDER ASSEMBLY	G
101	0370026	1	Barrel	
102	1684290	1	Rod	
103	2220890	1	Plug	
104	3480288	1	Piston, Pilot	
105	2902266	2	Ring, Wear	
106	2902266	1	Wiper	
107	2902266	1	Seal, Rod	
108	4640858	1	Bleeder	
109	4641390	1	Cartridge, Valve	
109	7017496	1	Seal Kit - 4641390 Cartridge	
200	2902266	1	Seal Kit (Includes Item 105-107)	

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FIGURE 5-2. PLATFORM LEVEL SLAVE CYLINDER ASSEMBLY



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FIGURE 5-2. PLATFORM LEVEL SLAVE CYLINDER ASSEMBLY

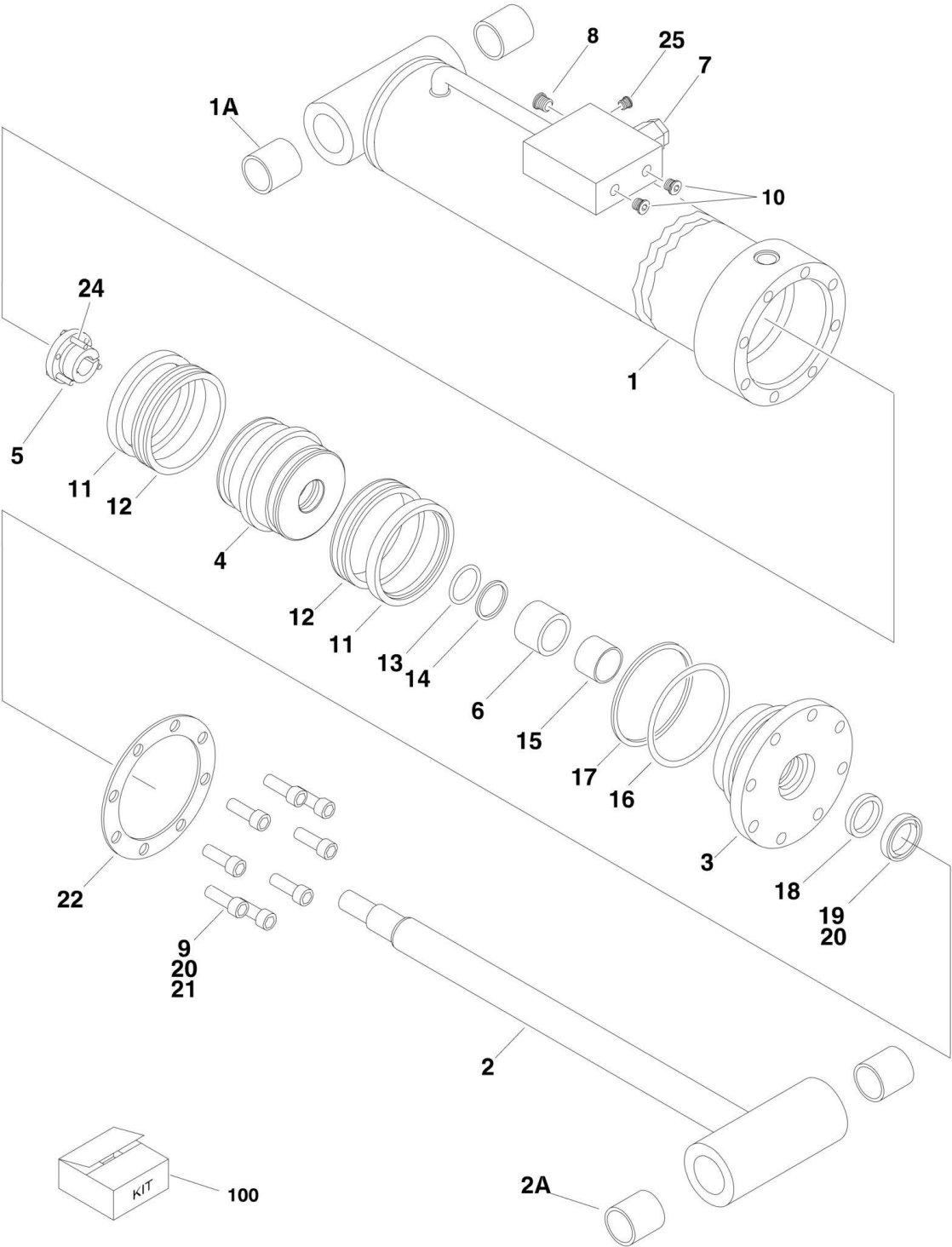
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683415	Ref	PLATFORM LEVEL CYLINDER ASSEMBLY - 600S	G
	1683418	Ref	PLATFORM LEVEL CYLINDER ASSEMBLY - 660SJ	I
1		Ref	Barrel Weldment	
1	1683977	1	Barrel Weldment 600S (Note: Includes Item 1A)	
1	1683952	1	Barrel Weldment 600SJ & 660SJ (Note: Item 1A not included - Purchase Separately)	
1A		Ref	Bushing Options:	
1A	0961947	2	Bushing 600S - Garmax	
1A	0961951	2	Bushing 660SJ - Composite	
2		Ref	Rod Weldment Options:	
2	1683976	1	Rod Weldment 600S (Note: Includes Item 2A)	
2	1683963	1	Rod Weldment 660SJ (Note: Item 1A not included - Purchase Separately)	
2A		Ref	Bushing, Garmax Options:	
2A	0961947	2	Bushing, Garmax 600S - Garmax	
2A	0961951	2	Bushing, Garmax 660SJ - Composite	
3		Ref	Piston Options:	
3	3480210	1	Piston 600S	
3	3480188	1	Piston 660SJ	
4		Ref	Head Options:	
4	1683053	1	Head 600S	
4	1683055	1	Head 660SJ	
5		Ref	Bushing, Tapered (Includes Item 25) Options:	
5	0961893	1	Bushing, Tapered 600S	
5	0961894	1	Bushing, Tapered 660SJ	
6	4566468	1	Spacer	
7	4640509	1	Cartridge, Valve	
7	2900792	1	Seal Kit - 4640509 Valve	
8	2220885	1	Plug, O-Ring	
9		Ref	Capscrew, Socket Head Options:	
9	3931516	8	Capscrew, Socket Head 600S - Capscrew 5/16in-18NC x 1in	
9	3931620	8	Capscrew, Socket Head 660SJ - Capscrew 3/8in-16NC x 1-1/4in	
10		Ref	Ring, Washer Options:	
10	3760368	1	Ring, Washer 600S	
10	3760369	1	Ring, Washer 660SJ	
11	0100011	AR	Compound, Locking	
12	0100038	AR	Primer, Locking	
13	See Note	2	Seal (Note: Use Item 100A or 100B)	
14	See Note	2	Ring, Lock (Note: Use Item 100A or 100B)	
15	See Note	1	O-Ring (Note: Use Item 100A or 100B)	
16	See Note	1	Ring, Back-up (Note: Use Item 100A or 100B)	
17	See Note	1	Ring, Wear (Note: Use Item 100A or 100B)	
18	See Note	1	O-Ring (Note: Use Item 100A or 100B)	
19	See Note	1	Ring, Back-up (Note: Use Item 100A or 100B)	
20	See Note	1	Seal, Rod (Note: Use Item 100A or 100B)	
21	See Note	1	Wiper (Note: Use Item 100A or 100B)	
23	4640932	1	Cartridge, Valve	
23	7011112	1	Seal Kit - 4640932 Valve	
24	2220883	8	Plug, O-Ring	
25		Ref	Bolt Options:	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
25	0630534	3	Bolt 600S - Bolt #10-24NC x 1in	
25	0630535	3	Bolt 660SJ - Bolt 1/4in-20NC x 1-1/8in	
100		Ref	Seal Kit Options (Includes Items 13-21):	
100A	2901303	1	Seal Kit 600S Seal Kit	
100B	2901301	1	Seal Kit 660SJ Seal Kit	

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FIGURE 5-3. MAIN LIFT CYLINDER ASSEMBLY



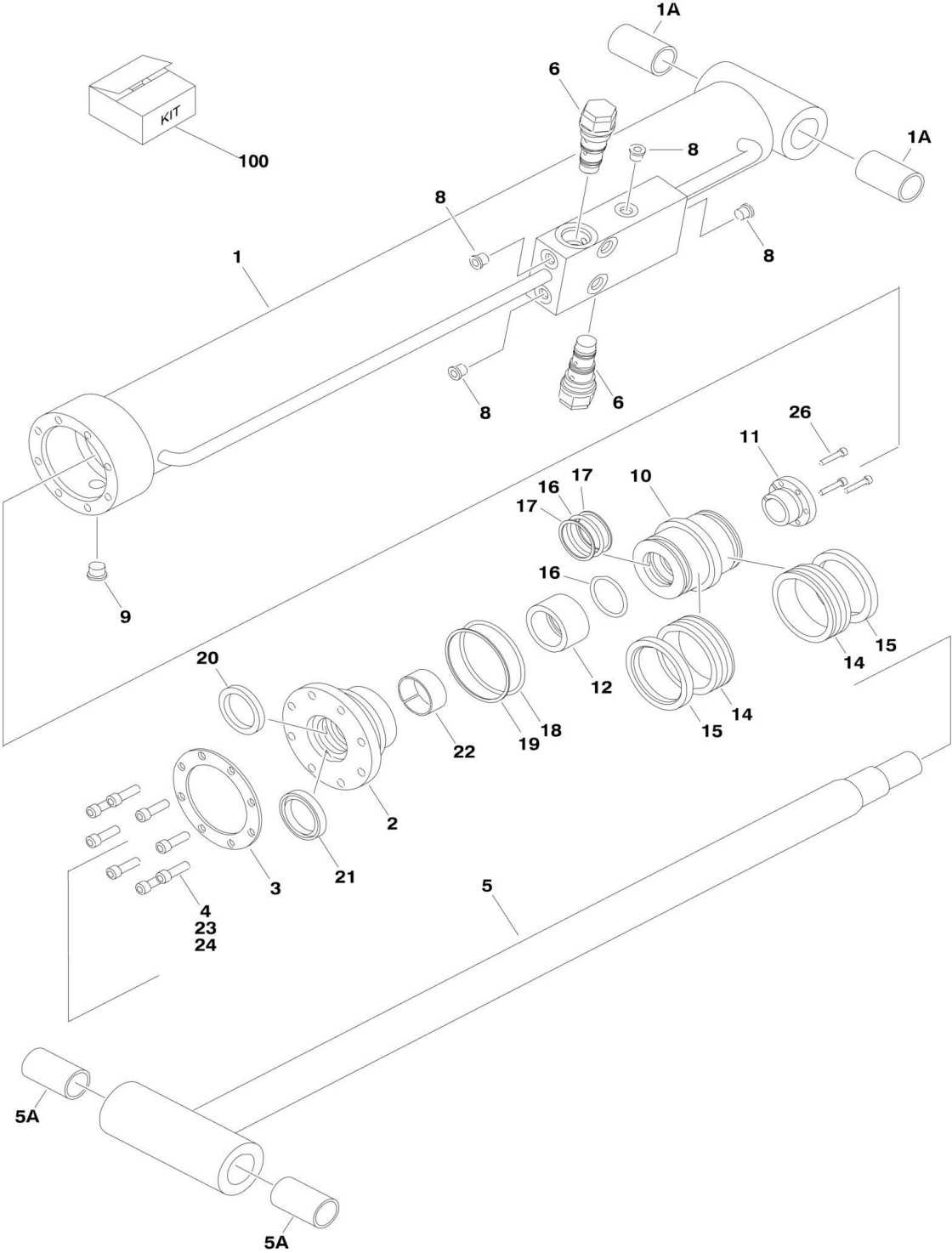
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FIGURE 5-3. MAIN LIFT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001112468	Ref	MAIN LIFT CYLINDER ASSEMBLY	B
1	1001112467	1	Barrel Weldment	
1A	0961950	2	Bushing, Composite	
2	1683954	1	Rod Weldment	
2A	0961950	2	Bushing, Composite	
3	1683067	1	Head	
4	3480206	1	Piston	
5	0961898	1	Bushing, Tapered (Use item #24 in place of supplied bolts)	
6	4566501	1	Spacer, Tube	
7	4640509	1	Cartridge, Valve	
7	2900792	1	Seal Kit - 4640509 Valve	
8	2220887	1	Plug, O-Ring	
9	3932032	8	Bolt, Socket Head 5/16in-11NC x 2in	
10	2220883	2	Plug, O-Ring	
11	2901285	2	Ring, Lock	
12	2901285	2	Seal, Hydrolock	
13	2901285	1	O-Ring	
14	2901285	2	Ring, Back-up	
15	2901285	1	Ring, Wear	
16	2901285	1	O-Ring	
17	2901285	1	Ring, Back-up	
18	2901285	1	Seal, Rod	
19	2901285	1	Wiper	
20	0100011	AR	Compound, Locking	
21	0100038	AR	Primer, Locking	
22	3760372	1	Washer, Ring	
24	0630536	3	Screw, Socket Head 3/8in-16NC x 1-1/2in	
25	2220235	1	Plug, O-Ring	
100	2901285	1	Seal Kit - 1001112468 Cylinder (Includes Items 11-19)	

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FIGURE 5-4. JIB LIFT CYLINDER ASSEMBLY - 660SJ



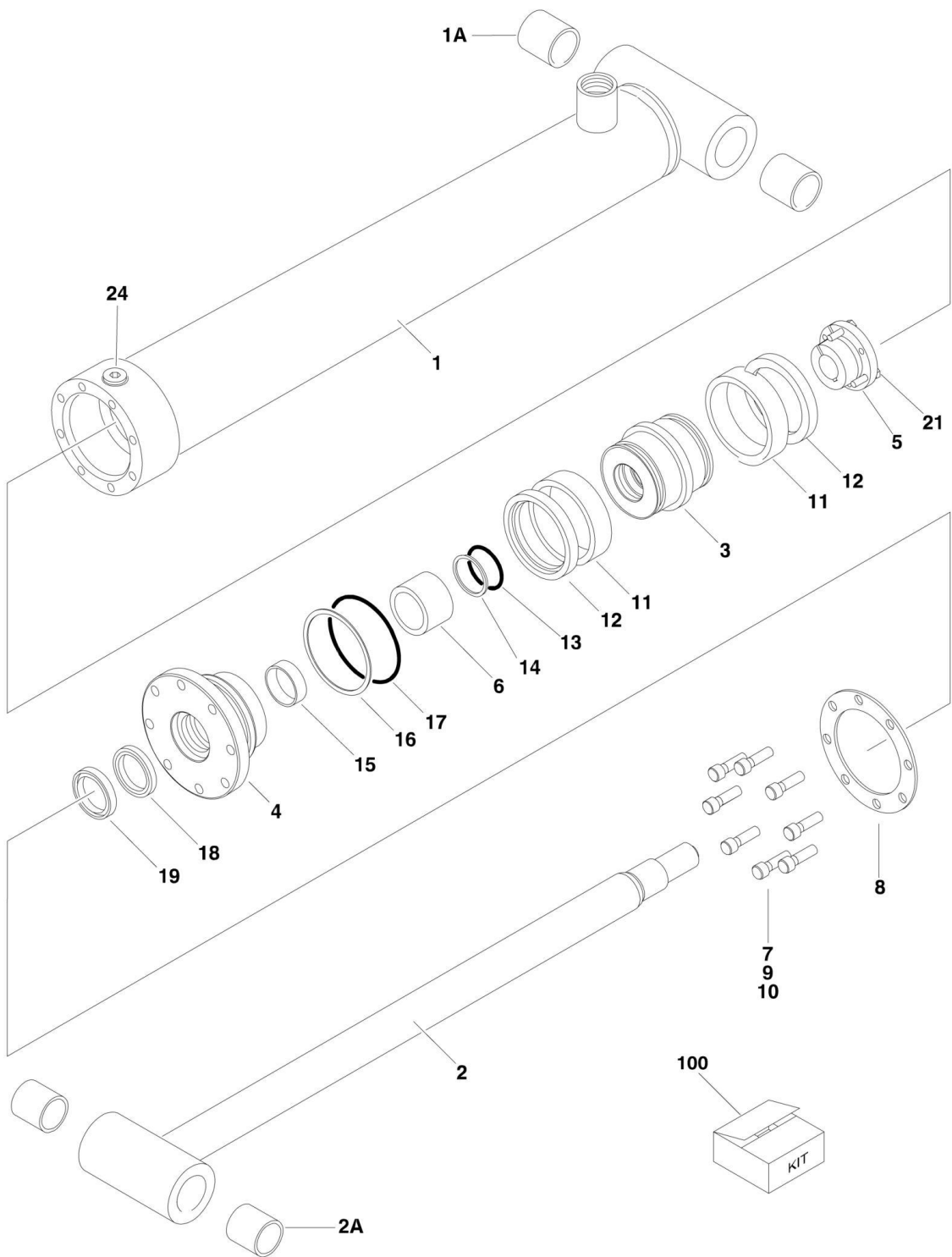
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FIGURE 5-4. JIB LIFT CYLINDER ASSEMBLY - 660SJ

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683609	Ref	JIB LIFT CYLINDER ASSEMBLY	K
1	1684089	1	Barrel	
1A	0962336	2	Bushing	
2	1683053	1	Head	
3	3760368	1	Ring, Washer	
4	3931516	8	Capscrew 5/16in-18NC x 1in	
5	1684090	1	Rod	
5A	0962336	2	Bushing	
6	4640509	2	Cartridge, Valve	
6	2900792	2	Seal Kit - 4640509 Valve	
8	2220883	2	Plug, O-Ring #4	
9	2220885	1	Plug, O-Ring #6	
10	3480210	1	Piston	
11	0961893	1	Bushing, Tapered	
12	4100100	1	Spacer, Tube	
14	2901303	2	Seal	
15	2901303	2	Ring, Lock	
16	2901303	2	O-Ring	
17	2901303	2	Ring, Back-Up	
18	2901303	1	O-Ring	
19	2901303	1	Ring, Back-Up	
20	2901303	1	Seal, Rod	
21	2901303	1	Wiper	
22	2901303	1	Ring, Wear	
23	0100011	AR	Compound, Locking	
24	0100038	AR	Primer, Locking	
26	0630534	3	Bolt #10-24NC x 1in	
100	2901303	1	Seal Kit (Includes Items 14-22)	

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FIGURE 5-5. MASTER CYLINDER ASSEMBLY



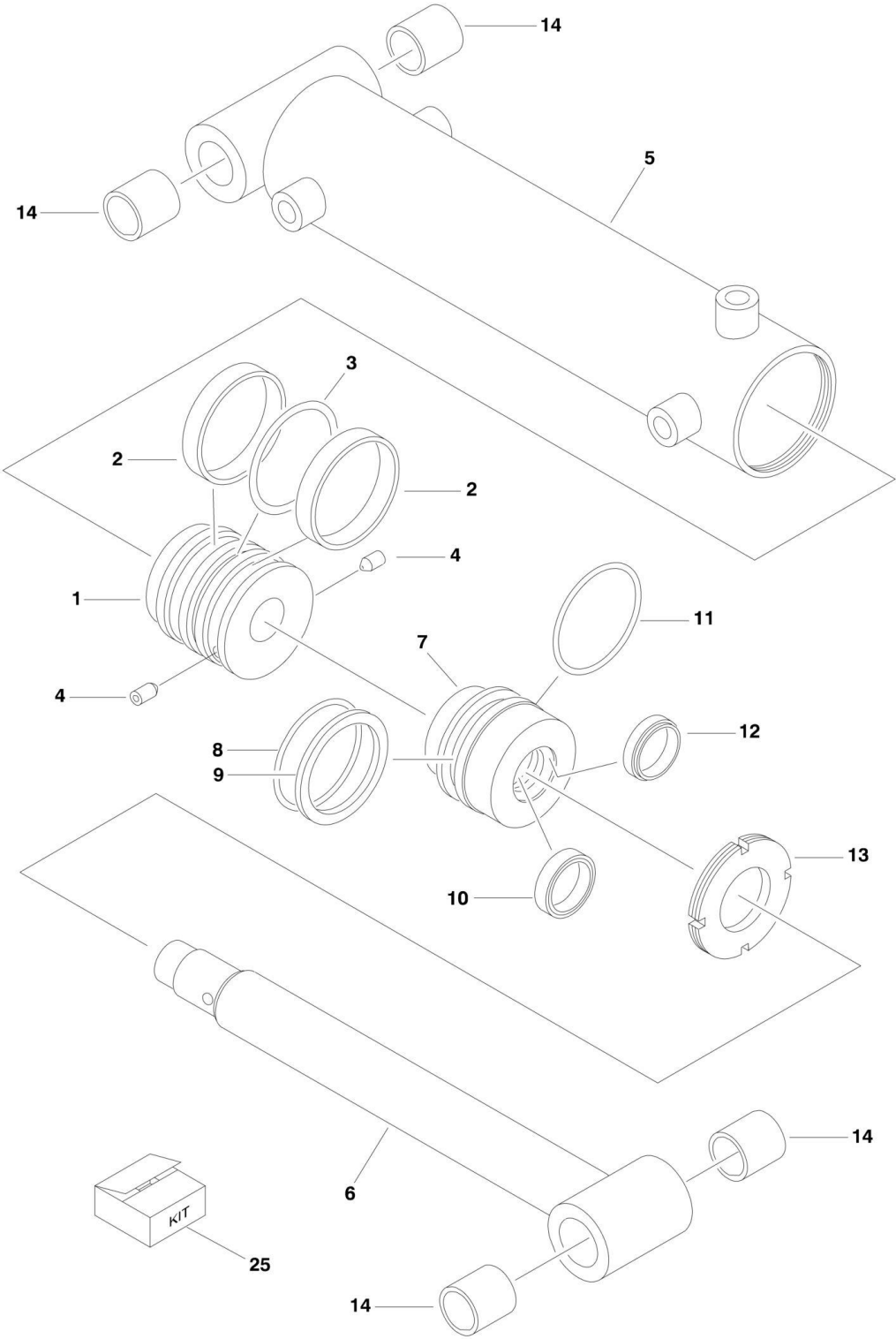
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FIGURE 5-5. MASTER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	MASTER CYLINDER ASSEMBLIES	
	1684414	Ref	Master Cylinder Assemblies 600S	F
	1684413	Ref	Master Cylinder Assemblies 660SJ	H
1		Ref	Barrel Options:	
1	1683972	1	Barrel 600S (Note: Includes Item 1A)	
1	1683949	1	Barrel 660SJ (Note: Item 1A not included - Purchase Separately)	
1A		Ref	Bushing Options:	
1A	0961947	2	Bushing 600S Bushing	
1A	0961951	2	Bushing 660SJ Bushing	
2		Ref	Rod Options:	
2	3850020	1	Rod 600S Rod (Note: Includes Item 2A):	
2	1683963	1	Rod 660SJ (Note: Item 2A not included - Purchase Separately)	
2A		Ref	Bushing Options:	
2A	0961947	2	Bushing 600S Bushing	
2A	0961951	2	Bushing 660SJ Bushing	
3		Ref	Piston Options:	
3	3480210	1	Piston 600S	
3	3480188	1	Piston 660SJ	
4		Ref	Head Options:	
4	1683053	1	Head 600S	
4	1683055	1	Head 660SJ	
5		Ref	Bushing, Tapered Options:	
5	0961893	1	Bushing, Tapered 600S	
5	0961894	1	Bushing, Tapered 660SJ	
6	4566468	1	Spacer, Tube	
7		Ref	Capscrew Options:	
7	3931516	8	Capscrew 600S - Capscrew 5/16in-18NC x 1in	
7	3931620	8	Capscrew 660SJ - Capscrew 3/8in-16NC x 1-1/4in	
8		Ref	Ring, Washer Options:	
8	3760368	1	Ring, Washer 600S	
8	3760369	1	Ring, Washer 660SJ	
9	0100011	AR	Compound, Locking	
10	0100038	AR	Primer, Locking	
11	See Note	2	Seal (Note: Use Item 100A or 100B)	
12	See Note	2	Ring, Lock (Note: Use Item 100A or 100B)	
13	See Note	1	O-Ring (Note: Use Item 100A or 100B)	
14	See Note	1	Ring, Back-up (Note: Use Item 100A or 100B)	
15	See Note	1	Ring, Wear (Note: Use Item 100A or 100B)	
16	See Note	1	O-Ring (Note: Use Item 100A or 100B)	
17	See Note	1	Ring, Back-up (Note: Use Item 100A or 100B)	
18	See Note	1	Seal, Rod (Note: Use Item 100A or 100B)	
19	See Note	1	Wiper (Note: Use Item 100A or 100B)	
21		Ref	Screw Options:	
21	0630534	3	Screw 600S - Capscrew #10-24NC x 1in	
21	0630535	3	Screw 660SJ - Capscrew 1/4in-20NC x 1-1/8in	
24	2220885	1	Fitting, Plug (660SJ Only)	
100		Ref	Seal Kit (Includes Items 11-19)	
100A	2901303	1	Seal Kit 600S Seal Kit	
100B	2901301	1	Seal Kit 660SJ Seal Kit	

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FIGURE 5-6. STEER CYLINDER ASSEMBLY



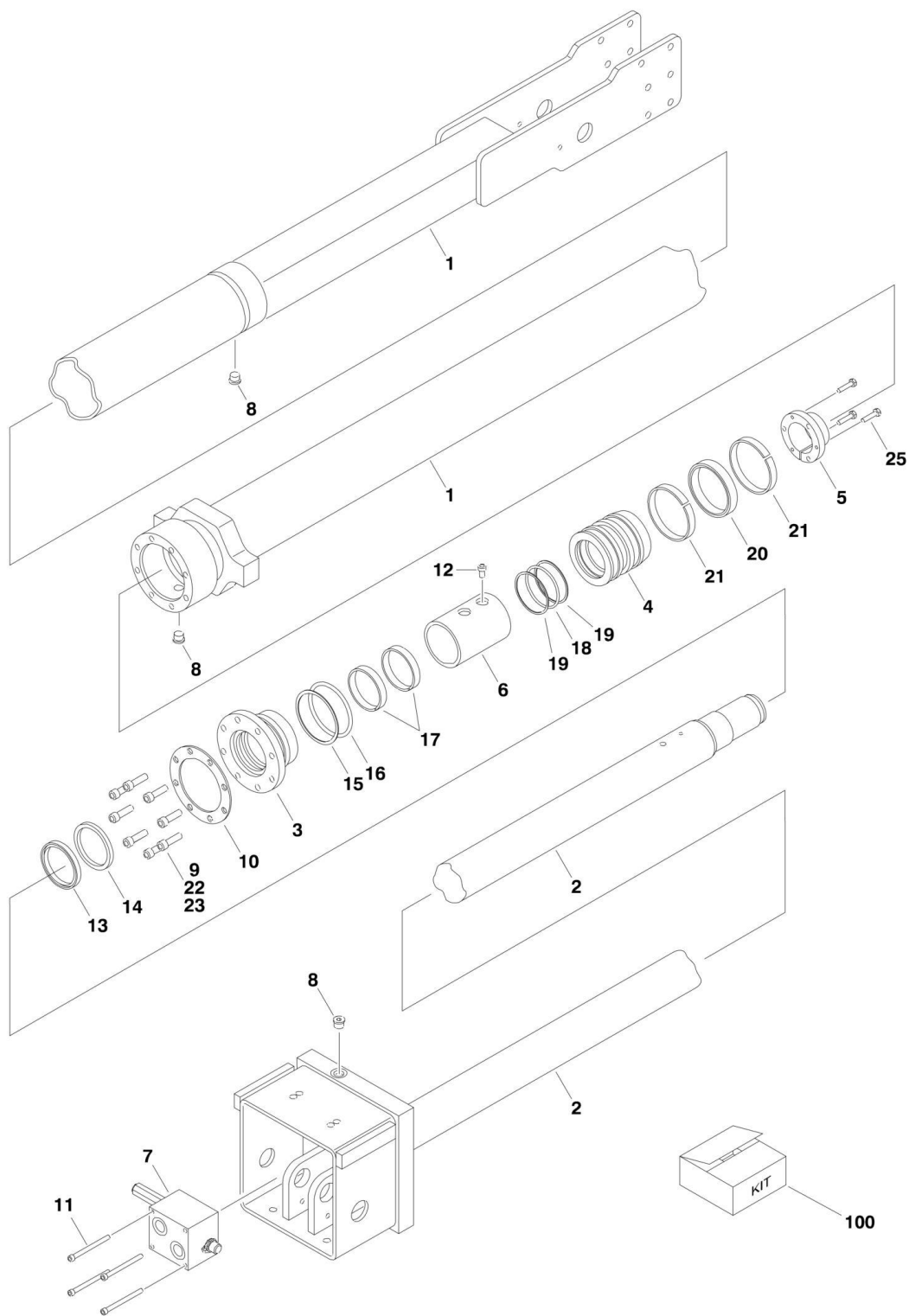
SECTION 5 - CYLINDER

FIGURE 5-6. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001097242	Ref	STEER CYLINDER ASSEMBLY	A
1	70002752	1	Piston	
1	0100011	AR	Compound, Locking	
1	0100038	AR	Primer, Locking	
2	70002757	2	Seal	
3	70002757	1	O-Ring	
4	70002745	2	Setscrew	
5	70002753	1	Barrel	
6	70002754	1	Rod	
7	70002755	1	Head	
8	70002757	1	O-Ring	
9	70002757	1	Ring, Back-Up	
10	70002757	1	Seal	
11	70002757	1	O-Ring	
12	70002757	1	Wiper	
13	70002756	1	Nut, Spanner	
13	0100011	AR	Compound, Locking	
13	0100038	AR	Primer, Locking	
14	0962356	4	Bushing	
25	70002757	1	Seal Kit (Includes Items 2, 3 & 8-12)	

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FIGURE 5-7. TELESCOPE CYLINDER ASSEMBLY



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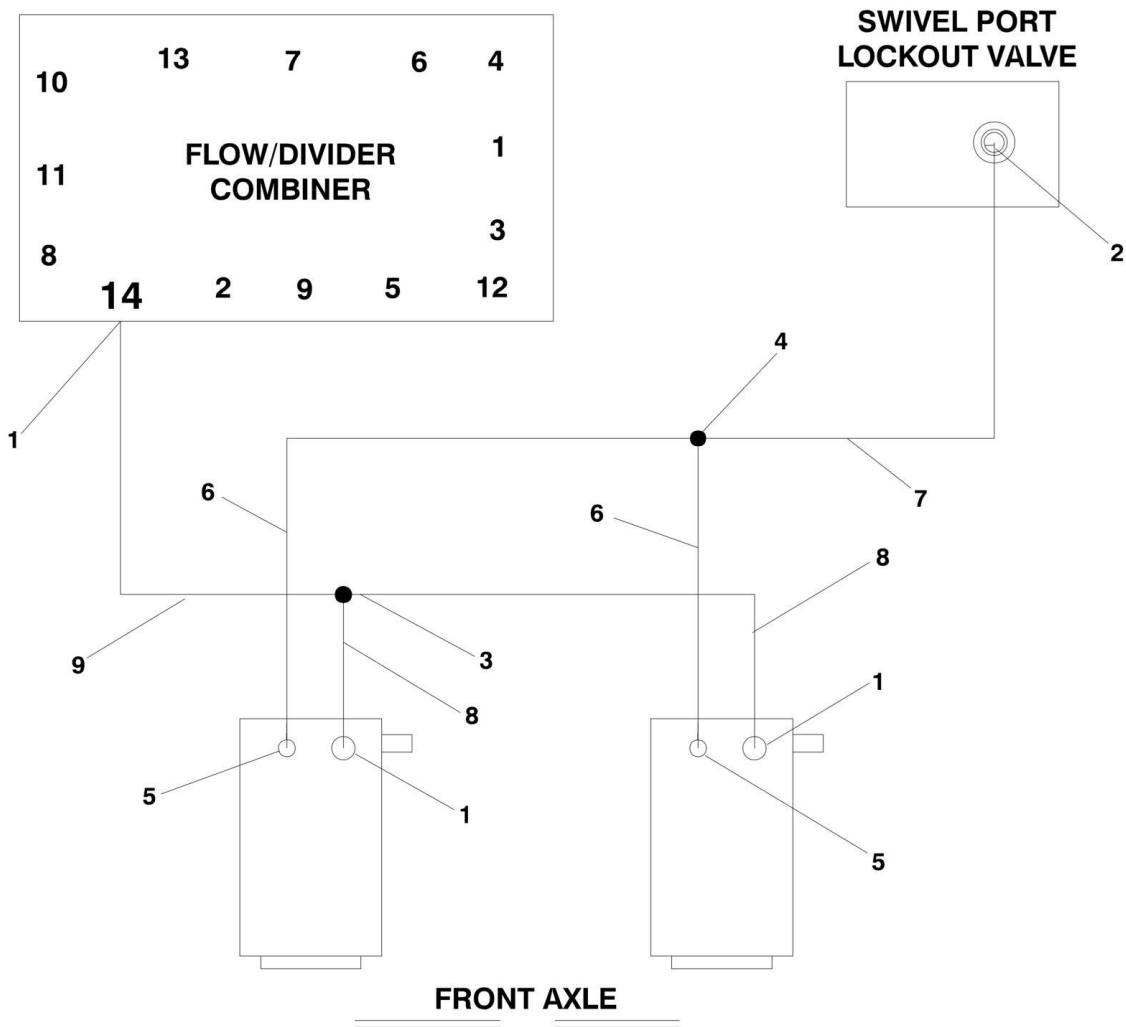
FIGURE 5-7. TELESCOPE CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683618	Ref	TELESCOPE CYLINDER ASSEMBLY	3-G
1	1683619	1	Barrel	
2	1683250	1	Rod	
3	1683057	1	Head	
4	3480205	1	Piston	
5	0961897	1	Bushing, Tapered	
6	4566644	1	Spacer, Tube	
7	4641028	1	Valve Assembly (Note: No Serviceable Parts - Purchase Complete Assembly)	
7	7024397	2	O-Rings Between Valve Block and Cylinder	
8	2220885	6	Plug, O-Ring	
9	3931620	8	Capscrew 3/8in-16NC x 1-1/4in	
10	3760369	1	Ring, Washer	
11	3931448	4	Capscrew 1/4in-20NC x 3in	
12	3931508	1	Capscrew 5/16in-18NC x 1/2in	
13	2901284	1	Wiper	
14	2901284	1	Seal, Rod	
15	2901284	1	O-Ring	
16	2901284	1	Ring, Back-up	
17	2901284	2	Ring, Wear	
18	2901284	1	O-Ring	
19	2901284	2	Ring, Back-up	
20	2901284	1	T-Seal	
21	2901284	2	Ring, Wear	
22	0100011	AR	Compound, Locking	
23	0100038	AR	Primer, Locking	
25	0630535	3	Bolt 1/4in-20NC x 1-1/8in	
100	2901284	1	Seal Kit (Includes Items 13-21)	

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FIGURE 6-1. HYDRAULIC DIAGRAM - AXLE LOCKOUT



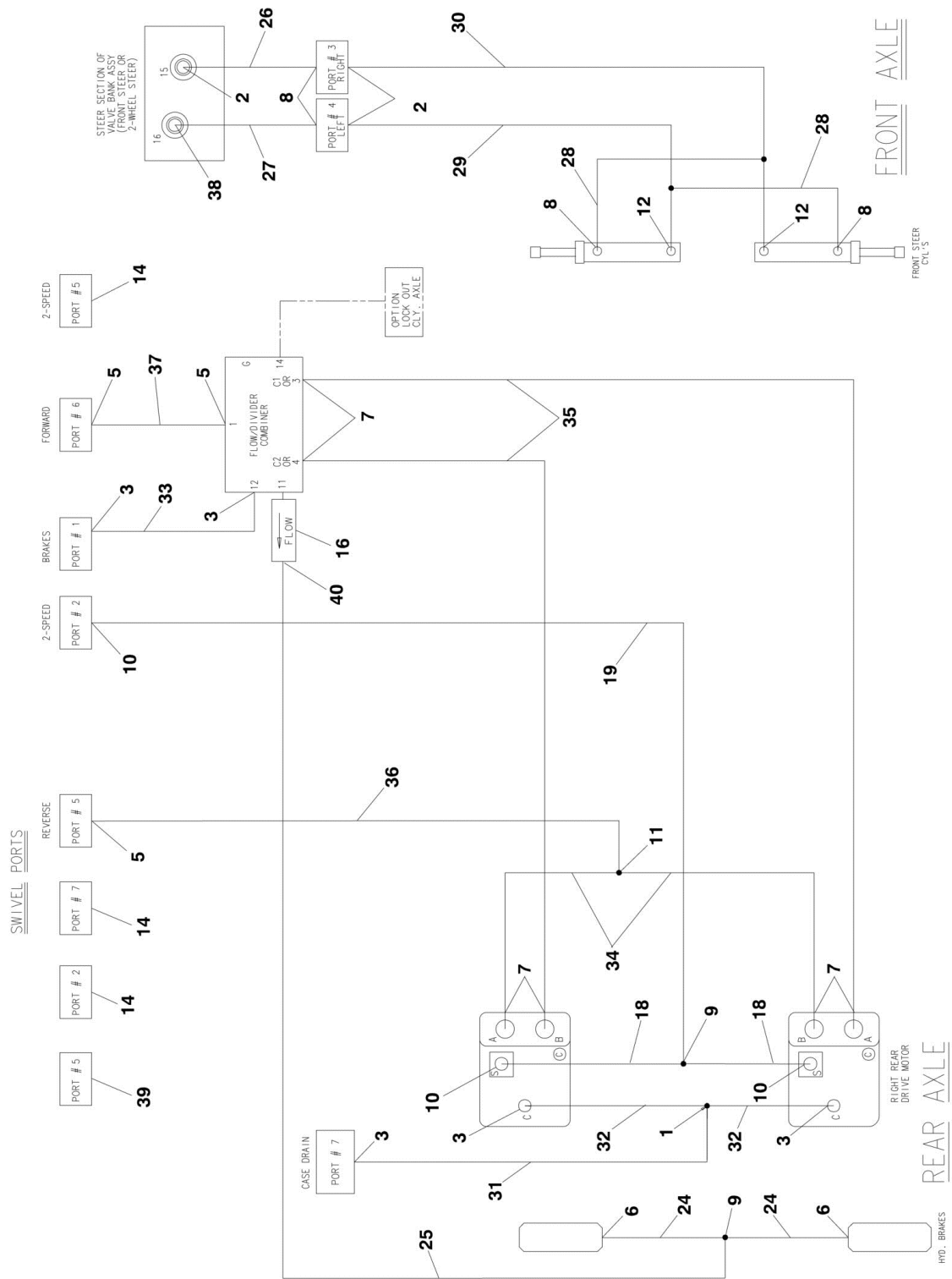
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FIGURE 6-1. HYDRAULIC DIAGRAM - AXLE LOCKOUT

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151349	Ref	AXLE LOCKOUT DIAGRAM - OSCILLATING AXLE	A-C
1	2220371	3	Fitting, Straight	
2	2220468	1	Fitting, Straight	
3	2220490	1	Fitting, Tee	
4	2220504	1	Fitting, Tee	
5	2220415	2	Fitting, Straight	
6	1001151366	2	Hose	
7	2751410	1	Hose	
8	1001151367	2	Hose	
9	2752462	1	Hose	

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FIGURE 6-2. HYDRAULIC DIAGRAM - DRIVE AND STEER (2WD/2WS)



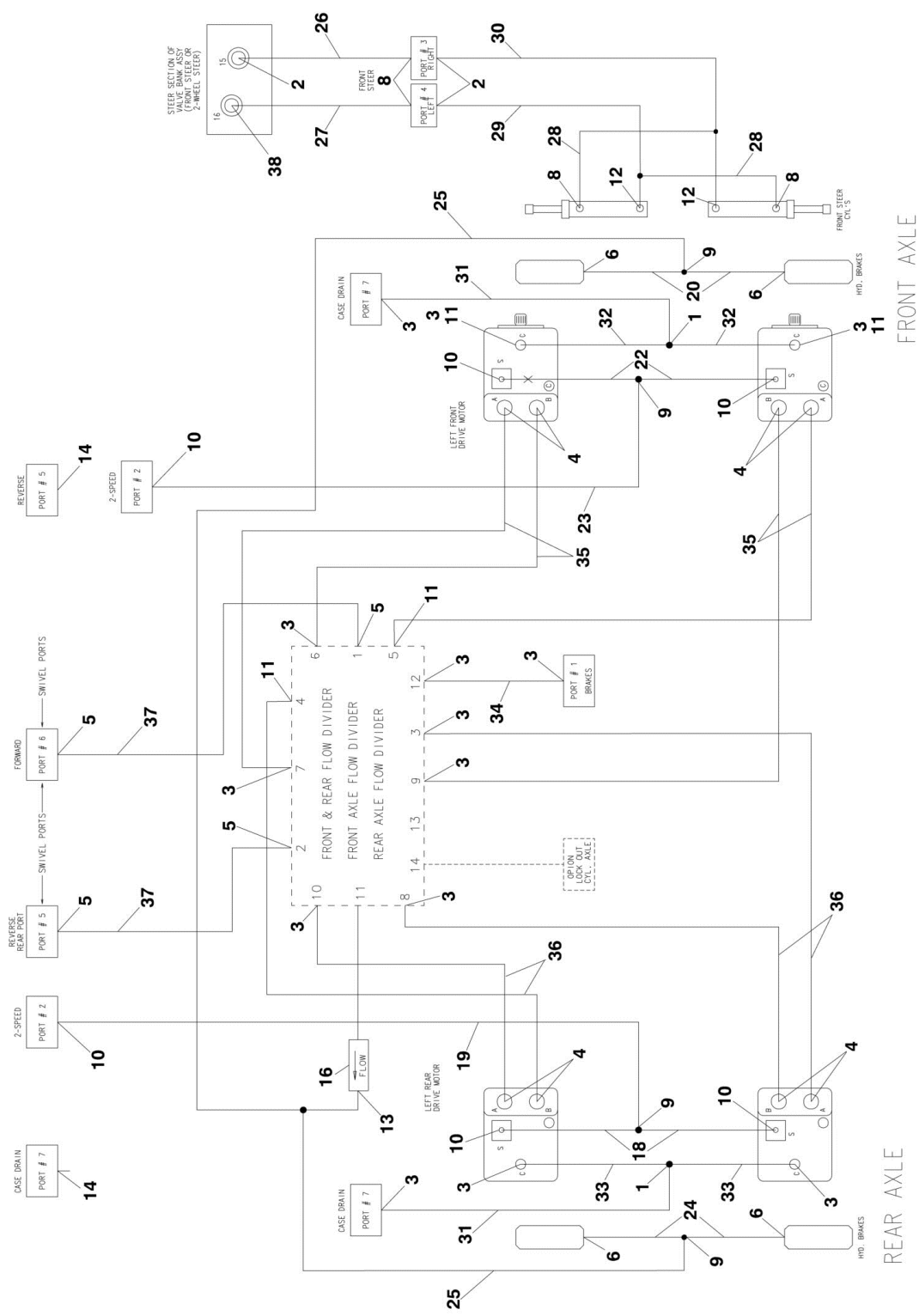
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FIGURE 6-2. HYDRAULIC DIAGRAM - DRIVE AND STEER (2WD/2WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001151345	Ref	DRIVE AND STEER HYDRAULIC DIAGRAM - 2WD/2WS	C-C
1	2220362	1	Fitting, Tee	
2	2220371	3	Fitting, Straight	
3	2220373	5	Fitting, Straight	
5	2220377	3	Fitting, Straight	
6	2220415	2	Fitting, Straight	
7	2220451	6	Fitting, Straight	
8	2220473	4	Fitting, 90	
9	2220504	2	Fitting, Tee	
10	2220582	3	Fitting, Straight	
11	2221170	1	Fitting, Tee	
12	2220606	2	Fitting, Tee	
14	2220237	3	Fitting, Plug	
16	4641307	1	Valve, Check	
18	1001151351	2	Hose	
19	2753924	1	Hose	
24	1001151354	2	Hose	
25	1001152406	1	Hose	
26	2752478	1	Hose	
27	2752632	1	Hose	
28	2753397	2	Hose	
29	2752475	1	Hose	
30	2752611	1	Hose	
31	2752928	1	Hose	
32	1001151356	2	Hose	
33	2752929	1	Hose	
34	1001151364	2	Hose	
35	1001151365	2	Hose	
36	2752341	1	Hose	
37	1001152421	1	Hose	
38	2220998	1	Fitting, Straight	
39	2220238	1	Fitting, Plug	
40	2220677	1	Fitting, 45	

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



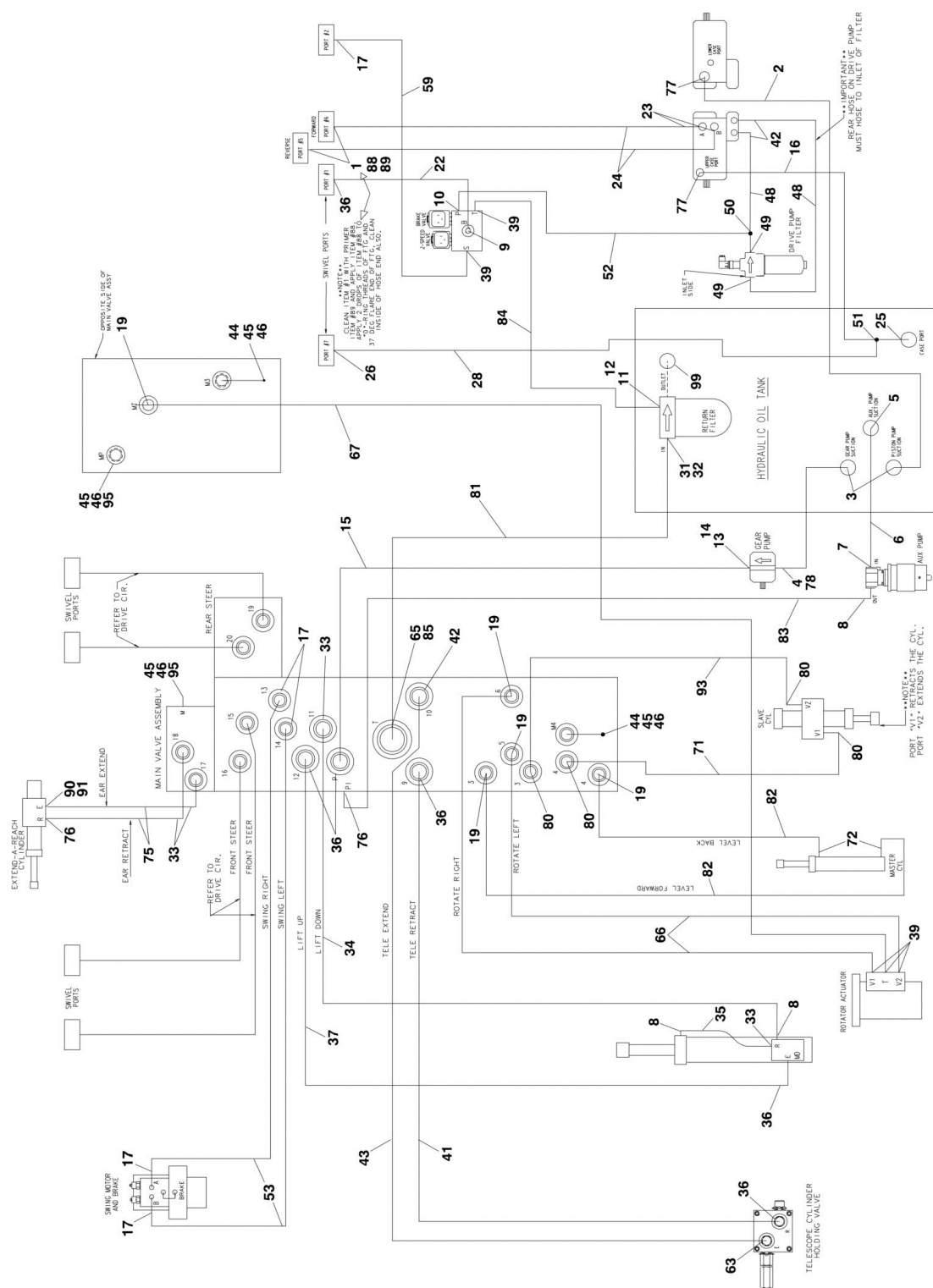
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FIGURE 6-3. HYDRAULIC DIAGRAM - DRIVE AND STEER (4WD/2WS)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	DRIVE AND STEER HYDRAULIC DIAGRAM - 4WD/2WS	
	1001151346	Ref	Without Arctic Package	C
	1001151348	Ref	With Arctic Package	C
1	2220362	2	Fitting, Tee	
2	2220371	3	Fitting, Straight	
3	2220373	AR	Fitting, Straight	
4	2220375	8	Fitting, Straight	
5	2220377	4	Fitting, Straight	
6	2220415	4	Fitting, Straight	
8	2220473	4	Fitting, 90	
9	2220504	4	Fitting, Tee	
10	2220582	6	Fitting, Straight	
11	2220596	AR	Fitting, 90	
12	2220606	2	Fitting, Tee	
13	2220861	1	Fitting, Tee	
14	2220237	2	Plug	
16	4641284	1	Valve, Check	
18	1001151351	2	Hose	
19	2753924	1	Hose	
20		Ref	Hose Options:	
20	1001151352	2	Without Arctic Package	
20	1001151359	2	With Arctic Package	
22		Ref	Hose Options:	
22	1001151353	2	Without Arctic Package	
22	1001151360	2	With Arctic Package	
23	2752977	1	Hose	
24	1001151354	2	Hose	
25	1001152406	2	Hose	
26	2752478	1	Hose	
27	2752632	1	Hose	
28	2753397	2	Hose	
29	2752475	1	Hose	
30	2752611	1	Hose	
31	2752928	2	Hose	
32		Ref	Hose Options:	
32	1001151355	2	Without Arctic Package	
32	1001151361	2	With Arctic Package	
33	1001151356	2	Hose	
34	2752929	1	Hose	
35		Ref	Hose Options:	
35	1001151357	4	Without Arctic Package	
35	1001151362	4	With Arctic Package	
36	1001151358	4	Hose	
37	1001152421	2	Hose	
38	2220998	1	Fitting, Straight	

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FIGURE 6-4. HYDRAULIC DIAGRAM - STANDARD



SECTION 6 - HYDRAULIC

FIGURE 6-4. HYDRAULIC DIAGRAM - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300171769 through 0300181891)	
		Ref	China Built Machines (SN B300000869 to Present)	
		Ref	STANDARD HYDRAULIC DIAGRAM	
		Ref	USA Built Machines:	
	1001143450	Ref	Standard Hydraulic Diagram 600S	E
	1001143451	Ref	Standard Hydraulic Diagram 660SJ	D
		Ref	China Built Machines:	
	1001143455	Ref	Standard Hydraulic Diagram 600S	A
	1001143456	Ref	Standard Hydraulic Diagram 660SJ	A
1	2220377	2	Fitting, Straight	
2		Ref	Hose Options:	
2	2752752	1	USA Built Machines	
2	1001113905	1	China Built Machines	
3	2220380	2	Fitting, Straight	
4	See Note	AR	Fitting (Note: Part of Pump Assembly)	
5	2220578	1	Fitting, 90	
6		Ref	Hose Options:	
6	2752653	1	USA Built Machines	
6	1001113832	1	China Built Machines	
7	2220593	1	Fitting, Straight	
8	2220628	3	Fitting, 90	
9	2220596	1	Fitting, 90	
10	2220474	1	Fitting, 90	
11	2220574	1	Fitting, 90	
12	0100020	AR	Sealant, Pipe	
13	See Note	AR	Fitting (Note: Part of Pump Assembly)	
14	See Note	AR	Fitting (Note: Part of Pump Assembly)	
15		Ref	Hose Options:	
15	2752653	1	USA Built Machines	
15	1001113798	1	China Built Machines	
16		Ref	Hose Options:	
16	2752654	1	USA Built Machines	
16	1001113907	1	China Built Machines	
17	2220582	5	Fitting, Straight	
19	2220415	5	Fitting, Straight	
22		Ref	Hose Options:	
22	2752502	1	USA Built Machines	
22	1001113797	1	China Built Machines	
23	See Note	AR	Fitting (Note: Part of Pump Assembly)	
24		Ref	Hose Options:	
24	2752340	2	USA Built Machines	
24	1001113899	2	China Built Machines	
25	2220407	1	Fitting, 90	
26	2220375	1	Fitting, Straight	
28		Ref	Hose Options:	
28	2753968	1	USA Built Machines	
28	1001113896	1	China Built Machines	
31	2220921	1	Fitting, Reducer	
32	2220498	1	Fitting, 45	

SECTION 6 - HYDRAULIC

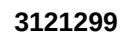
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
33	2220372	4	Fitting, Straight	
34		Ref	Hose Options:	
34	2752631	1	USA Built Machines	
34	1001113821	1	China Built Machines	
35		Ref	Hose Options:	
35	2752632	1	USA Built Machines	
35	1001113822	1	China Built Machines	
36	2220373	6	Fitting, Straight	
37		Ref	Hose Options:	
37	2752515	1	USA Built Machines	
37	1001113801	1	China Built Machines	
39	2220466	5	Fitting, 90	
41		Ref	Hose Options:	
41	2751474	1	USA Built Machines	
41	1001113893	1	China Built Machines	
42	2220947	1	Fitting, Straight	
43		Ref	Hose Options:	
43	2752762	1	USA Built Machines	
43	1001113833	1	China Built Machines	
44	2220873	2	Fitting, Straight Nipple	
45	2220428	AR	Fitting, Quick Coupling	
46	2220429	AR	Fitting, Dust Cap	
48		Ref	Hose Options:	
48	2752763	2	USA Built Machines	
48	1001113834	2	China Built Machines	
49	2221042	2	Fitting, 90	
50	2220948	1	Fitting, Tee	
51	2220738	1	Fitting, Tee	
52		Ref	Hose Options:	
52	2753957	1	USA Built Machines	
52	1001113880	1	China Built Machines	
53		Ref	Hose Options:	
53	2752437	2	USA Built Machines	
53	1001113807	2	China Built Machines	
59		Ref	Hose Options:	
59	2751396	1	USA Built Machines	
59	1001113912	1	China Built Machines	
63	2220950	1	Fitting, 45	
65	2220974	1	Fitting, Long Straight	
66		Ref	Hose Options:	
66		Ref	Hose 600S	
66	2752598	2	USA Built Machines	
66	1001113813	2	China Built Machines	
66		Ref	Hose 660SJ	
66	2752596	2	USA Built Machines	
66	1001113811	2	China Built Machines	
67		Ref	Hose Options:	
67		Ref	Hose 600S	
67	2752599	1	USA Built Machines	
67	1001113814	1	China Built Machines	
67		Ref	Hose 660SJ	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
67	2752597	1	USA Built Machines	
67	1001113812	1	China Built Machines	
71		Ref	Hose Options:	
71	2752633	1	USA Built Machines	
71	1001113823	1	China Built Machines	
72	2220472	2	Fitting, 90	
75		Ref	Hose Options:	
75	Not Required	0	Hose 600S	
75		Ref	Hose 660SJ USA Built Machines	
75	2752633	2	USA Built Machines	
75	1001113823	2	China Built Machines	
76	2220473	AR	Fitting, 90	
77	See Note	AR	Fitting (Note: Part of Pump Assembly)	
78		Ref	Hose Options:	
78	2752753	1	USA Built Machines	
78	1001113906	1	China Built Machines	
80	2220603	4	Fitting, Straight	
81		Ref	Hose Options:	
81	2752783	1	USA Built Machines	
81	1001113911	1	China Built Machines	
82		Ref	Hose Options:	
82	2752591	2	USA Built Machines	
82	1001113808	2	China Built Machines	
83		Ref	Hose Options:	
83	2752643	1	USA Built Machines	
83	1001113826	1	China Built Machines	
84		Ref	Hose Options:	
84	2753325	1	USA Built Machines	
84	1001113855	1	China Built Machines	
85	2220409	1	Fitting, 45	
88	0100011	AR	Compound, Locking	
89	0100038	AR	Loctite, Primer	
90	2180724	1	Fitting, 90 (660SJ Only)	
91	2180380	1	Fitting, Pipe Plug (660SJ Only)	
92	1703533	2	Decal - Hose Tags (Not Shown)	
93		Ref	Hose Options:	
93	2752633	1	USA Built Machines	
93	1001113823	1	China Built Machines	
94	4240018	7	Tie-Strap (Not Shown)	
95	2220873	1	Fitting, Nipple	
99	2220893	1	Fitting, Adapter	

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SECTION 6 - HYDRAULIC

FIGURE 6-5. HYDRAULIC DIAGRAM - STANDARD

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300181891 to Present)	
		Ref	STANDARD HYDRAULIC DIAGRAM	
	1001159705	Ref	Standard Hydraulic Diagram 600S	B
	1001159706	Ref	Standard Hydraulic Diagram 660SJ	B
1	2220377	2	Fitting, Straight	
2	2752752	1	Hose	
3	2220380	2	Fitting, Straight	
4	2220578	1	Fitting, 90	
5	2752653	1	Hose	
6	2220593	1	Fitting, Straight	
7	2220628	3	Fitting, 90	
8	2220596	1	Fitting, 90	
9	2220474	1	Fitting, 90	
10	2220574	1	Fitting, 90	
11	0100020	AR	Sealant, Pipe	
12	2752504	1	Hose	
13	2752654	1	Hose	
14	2220582	5	Fitting, Straight	
15	2220415	2	Fitting, Straight	
16	2752502	1	Hose	
17	2752340	2	Hose	
18	2220407	1	Fitting, 90	
19	2220375	1	Fitting, Straight	
20	2753968	1	Hose	
21	2220921	1	Fitting, Reducer	
22	2220498	1	Fitting, 45	
23	2220603	6	Fitting, Straight	
24	2752631	1	Hose	
25	2752632	1	Hose	
26	2220373	6	Fitting, Straight	
27	2752515	1	Hose	
28	2220466	4	Fitting, 90	
29	2751474	1	Hose	
30	2220947	1	Fitting, Straight	
31	2752762	1	Hose	
32	2752763	2	Hose	
33	2221042	2	Fitting, 90	
34	2220948	1	Fitting, Tee	
35	2220738	1	Fitting, Tee	
36	2753957	1	Hose	
37	2752437	2	Hose	
38	2751396	1	Hose	
39	2220950	1	Fitting, 45	
40	2220974	1	Fitting, Long Straight	
41	1001159707	2	Hose	
42	1001155670	1	Hose	
43	2220473	5	Fitting, 90	
44		Ref	Hose Options:	
44	1001161327	2	Hose 600S	

SECTION 6 - HYDRAULIC

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
44	1001159702	2	Hose 660SJ	
45	4240018	7	Tie-Strap (Not Shown)	
46	2752753	1	Hose	
47	2220372	2	Fitting, Straight	
48	2752783	1	Hose	
49	1001161325	2	Hose	
50	2752643	1	Hose	
51	2753325	1	Hose	
52	2220409	1	Fitting, 45	
53	0100011	AR	Compound, Locking	
54	0100038	AR	Loctite, Primer	
55	1001155673	2	Hose	
56	1703533	2	Decal - Hose Tags (Not Shown)	
57	1001155671	1	Hose	
58	2220490	2	Fitting, Tee	
59		Ref	Hose Options:	
59	1001159702	1	Hose 600S	
59	1001159708	1	Hose 660SJ	
60	2220371	1	Fitting, Straight	
61		Ref	Hose Options:	
61	1001161438	1	Hose 600S	
61	1001159709	1	Hose 660SJ	
62	2220600	2	Fitting, Straight	
63	2220893	1	Fitting, Adapter	
64	2220883	1	Fitting, Adapter	
65		Ref	Hose Options:	
65	Not Required	2	Hose 600S	
65	1001159699	2	Hose 660SJ	

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FIGURE 6-6. HYDRAULIC DIAGRAM LIST

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Diagrams not shown is available from JLG Service/Parts Departments.	
	1001151349	Ref	Axle Lockout Hydraulic Diagram	
	1001151350	Ref	Drive and Steer Hydraulic Diagram	
	1001151345	Ref	2WD/2WS Machines	
	1001151346	Ref	4WD/2WS Machines	
	1001151348	Ref	4WD/2WS Machines (With Arctic Package)	
		Ref	4WD/4WS Machines	
		Ref	USA Built Machines	
	1001151347	Ref	USA Built Machines (SN 0300171769 through 0300181890)	C
	1001161322	Ref	USA Built Machines (SN 0300181891 to Present)	B
	1001151347	Ref	China Built Machines	
		Ref	Loop Flushing Hydraulic Diagram	
	1001152450	Ref	2WD	
	1001152449	Ref	4WD	
		Ref	Oil Cooler Hydraulic Diagram	
	1001151282	Ref	Deutz D2011 Engine	
	1001142677	Ref	Deutz DT2.9L4 Engine	
	0272041	Ref	GM Engine	
		Ref	Standard Hydraulic Diagrams	
		Ref	USA Built Machines:	
	1283363	Ref	Standard Hydraulic Diagrams (SN 0300171769 through 0300181890)	
	1001162410	Ref	Standard Hydraulic Diagrams (SN 0300181891 to Present)	
		Ref	Standard Hydraulic Diagrams 600S	
	1001143450	Ref	Standard Hydraulic Diagrams (SN 0300171769 through 0300181890)	
	1001159705	Ref	Standard Hydraulic Diagrams (SN 0300181891 to Present)	
		Ref	Standard Hydraulic Diagrams 660SJ	
	1001143451	Ref	Standard Hydraulic Diagrams (SN 0300171769 through 0300181890)	
	1001159706	Ref	Standard Hydraulic Diagrams (SN 0300181891 to Present)	
	1001114070	Ref	China Built Machines:	
	1001143455	Ref	Standard Hydraulic Diagrams 600S	
	1001143456	Ref	Standard Hydraulic Diagrams 660SJ	
		Ref	Standard Hydraulic Schematic	
		Ref	USA Built Machines	
	2792605	Ref	Standard Hydraulic Diagrams (SN 0300171769 through 0300181890)	
	1001157606	Ref	Standard Hydraulic Diagrams (SN 0300181891 to Present)	
	2792605	Ref	China Built Machines	
		Ref	Tool Hydraulic Diagrams	
	2792325	Ref	Tool Hydraulic Diagrams 600S	
	2792327	Ref	Tool Hydraulic Diagrams 660SJ	
	2792630	Ref	Tow Hydraulic Diagram	

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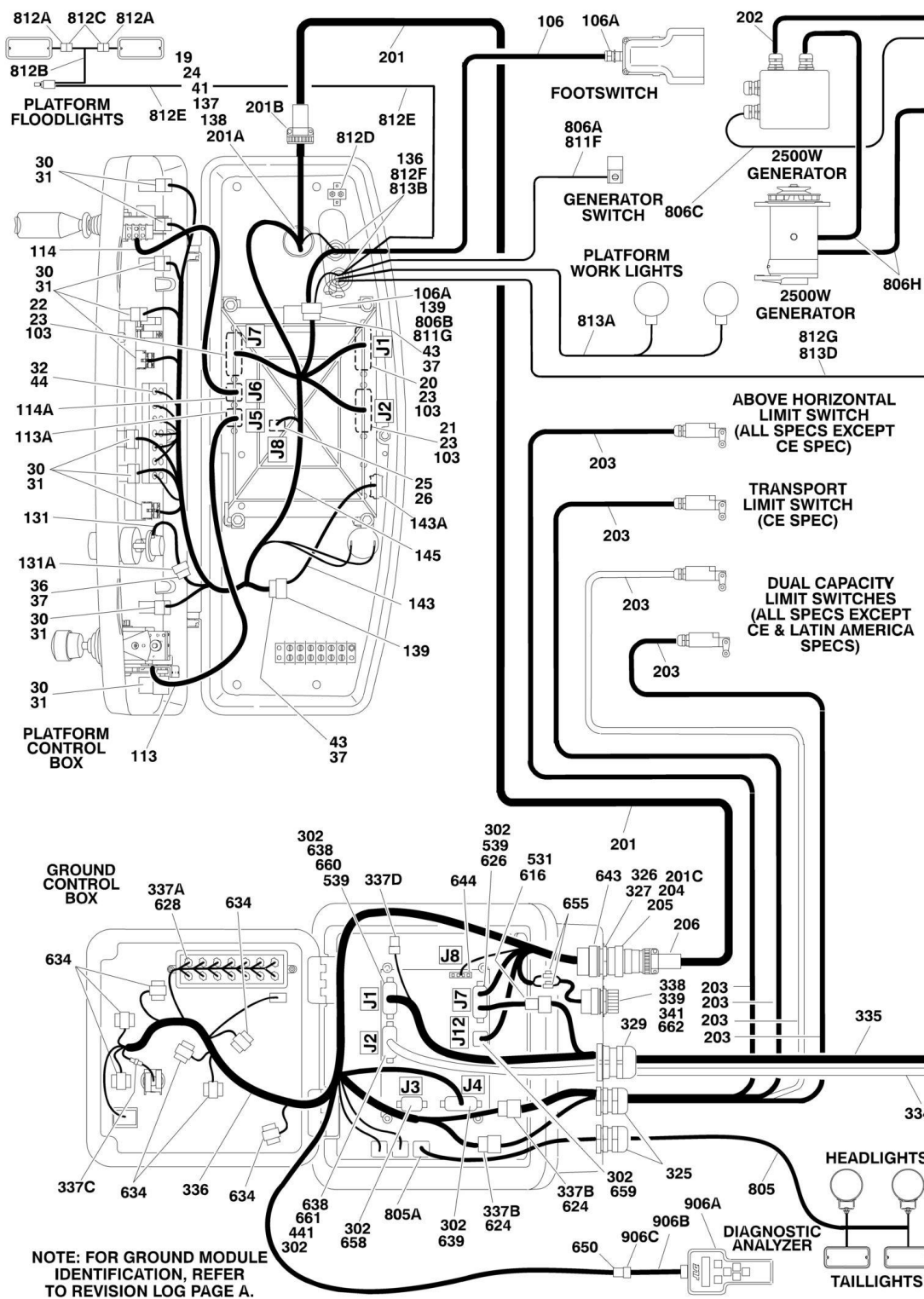
SECTION 7 - ELECTRICAL

FIGURE 7-1. ELECTRICAL DIAGRAM LIST

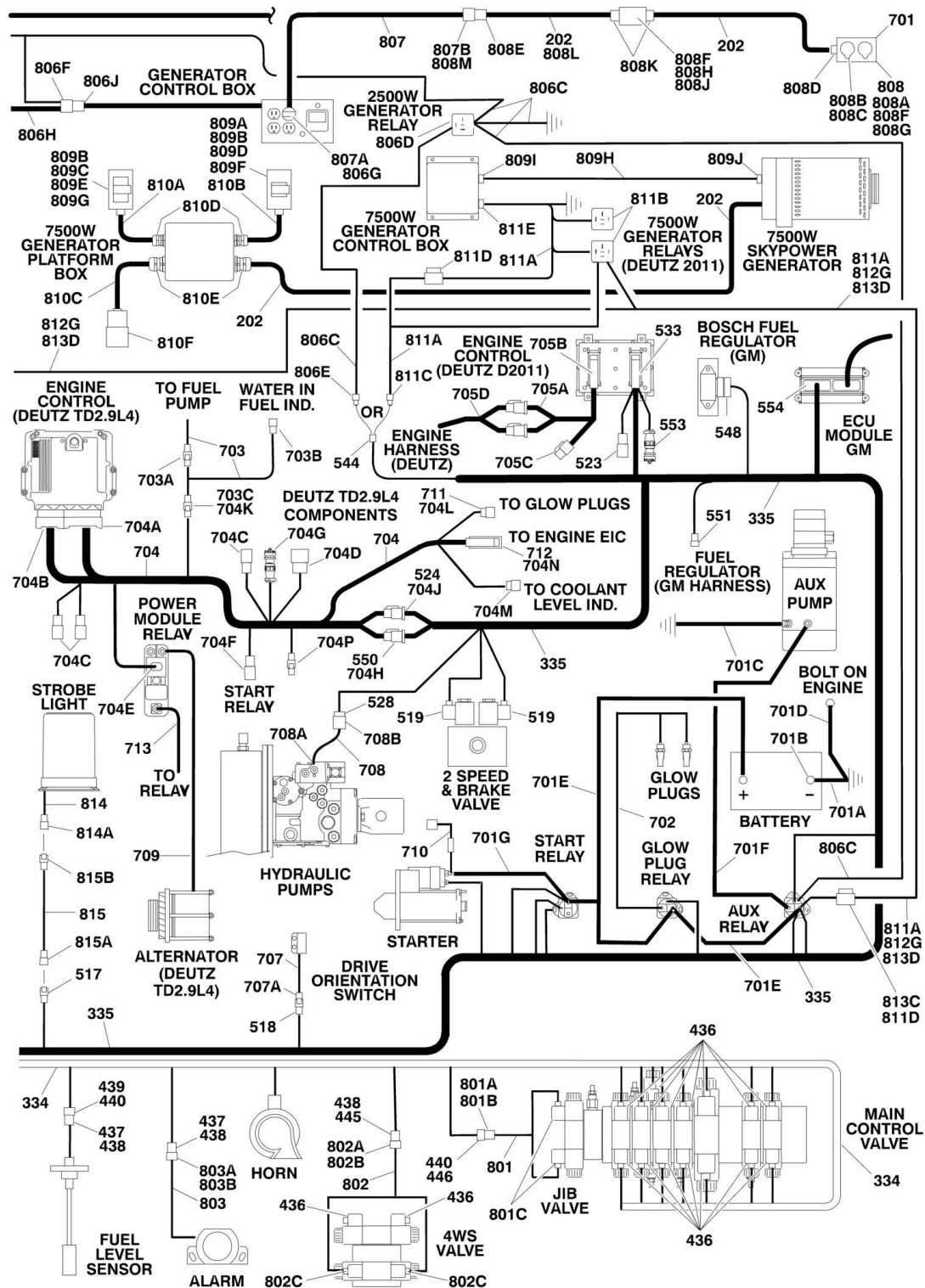
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: Diagrams are available from the JLG Service Department.	
	0275261	Ref	ENGINE BLOCK HEATER ELECTRICAL DIAGRAM (GM ENGINES)	
	1282571	Ref	ENGINE BLOCK HEATER ELECTRICAL DIAGRAM (GM ENGINES)	
		Ref	GENERATOR ELECTRICAL DIAGRAMS	
		Ref	2500W GENERATOR OPTIONS:	
	1001112588	Ref	Deutz Engine Machines with 60Hz Generators	
	1001112743	Ref	Deutz Engine Machines with 50Hz Generators	
	4933350	Ref	GM Engines	
		Ref	4000W SkyPower Generator	
	1001132055	Ref	Deutz D2011 Engine Machines with 60Hz Generators	
	1001153025	Ref	Deutz D2011 Engine Machines with 50Hz Generators (ANSI Export, CE and Japanese Specs)	
	1001159648	Ref	Deutz D2011 Engine Machines with 50Hz Generators (Australian Spec)	
	1001160271	Ref	Deutz D2011 Engine Machines with 50Hz Generators (UK Spec)	
	1001132055	Ref	GM Engine Machines	
		Ref	7500W Generator Options:	
	1001112586	Ref	Deutz D2011 Engines	
	1001122528	Ref	Deutz TD2.9L4 Engines	
	4933349	Ref	GM Engines	
		Ref	LIGHTS ELECTRICAL DIAGRAM	
	4933219	Ref	Headlight/Taillight and Chassis Illumination Lights	
	4933313	Ref	Platform Floodlights	
	0273486	Ref	Platform Worklights	
	0273491	Ref	Platform Worklights	
	See Note	Ref	PLATFORM ELECTRICAL DIAGRAM (Note: Not Available for Purchase.)	
	4933218	Ref	PLATFORM SOFT TOUCH SYSTEM ELECTRICAL DIAGRAM	
		Ref	STANDARD ELECTRICAL DIAGRAMS	
	1001110364	Ref	Deutz D2011 Engine Machines	
	1001145995	Ref	Deutz TD2.9L4 Engines	
	1001110359	Ref	GM Engine Machines	
		Ref	STANDARD ELECTRICAL SCHEMATIC	
		Ref	USA Built Machines (Deutz and GM Engine Machines)	
	1001110345	Ref	Standard Electrical Schematic (SN 0300171769 through 0300181890)	
	1001151752	Ref	Standard Electrical Schematic (SN 0300181891 to Present)	
	1001131992	Ref	GM Engine Schematic (Engine Schematic Only. P/N 1001110345 is for schematic for complete machine.)	
	1001110345	Ref	China Built Machines (Deutz Engine Machines)	

SECTION 7 - ELECTRICAL

FIGURE 7-2. HARNESS COMPONENTS INSTALLATION



SECTION 7 - ELECTRICAL



SECTION 7 - ELECTRICAL

FIGURE 7-2. HARNESS COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300171769 through 0300181891)	
		Ref	China Built Machines (SN B300000869 to Present)	
	1001107753	Ref	PLATFORM BOX HARNESS ASSEMBLY	F
19	4460866	1	Terminal, 19 Pin Receptacle	
20	4460874	1	Connector - 35 Position (Natural)	
21	4460875	1	Connector - 35 Position (Gray)	
22	4460873	1	Connector - 35 Position (Black)	
23	4460871	79	Socket, Female	
24	4460464	7	Pin, Male (16 Gauge)	
25	4460879	1	Terminal, Housing 2 Position	
26	4460887	2	Terminal, (12 Gauge)	
30	4460418	9	Connector - 6 Position	
31	4460419	27	Terminal, Female	
32	4120035	13	Base, Light	
36	4460225	1	Plug, Male- 6 Position	
37	4460227	6	Pin, Male	
41	4460508	3	Pin, Male (12 Gauge)	
43	4460434	2	Connector - 15 Position	
44	2920129	13	Lamp, Indicator	
47	4460905	26	Plug, Seal	
	1001145895	Ref	PLATFORM BOX ASSEMBLY COMPONENTS	B
103	0100048	AR	Grease, Dielectric	
106	1001117174	1	Footswitch Harness (Includes Footswitch)	
106	1060918	7.5 ft/2.3m	Cable, Electrical - 18/3	
106A	4460071	1	Connector, Strain Relief	
106B	4460226	2	Socket, Female	
106B	4460464	1	Pin, Male	
113	See Note	1	Controller Harness Assembly (Lift and Swing) (Note: Not Available for Purchase.)	
113A	7022819	1	Plug, Male - 8 Position (Natural)	
113A	4460871	8	Socket, Female	
114	See Note	1	Controller Harness/Circuit Board Assembly (Drive and Steer) (Note: Not Available for Purchase.)	
114A	7022825	1	Plug, Male - 8 Position (Black)	
114A	4460871	7	Socket, Female	
131	See Note	1	Controller Harness (Speed Control) (Note: Not Available for Purchase.)	
131A	4460224	1	Receptacle, Female - 6 Position	
131A	4460226	6	Socket, Female	
136	4460428	2	Connector, Strain Relief	
137	4460470	1	Nut, Terminal	
138	4460471	1	Lockwasher, Terminal	
139	4460708	2	Connector, Female - 15 Position	
143	4922666	1	Harness, Analyzer Cable	2-B
143	4460226	4	Socket, Female (Not Shown - Located at J2)	
143A	4460761	1	Connector, Female - 4 Position	
143A	4460227	4	Pin, Male	
145	1001107753	1	Harness, Platform Console Box Options (Includes Items 1-44):	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	BOOM CABLES INSTALLATION	
		Ref	Boom Cables Installation 600S	
		Ref	USA Built Machines:	
	0270733	Ref	ANSI, ANSI Export, Australian, Brazilian, CSA, Japanese Specs without 7500W Generator	5
	0270734	Ref	CE and Latin American Specs without 7500W Generator	6
	0272483	Ref	ANSI, ANSI Export, Australian, CSA, Japanese Specs with 7500W Generator	3
	0272484	Ref	ANSI Export, Brazilian, CE, Japanese, Latin American Specs with 7500W Generator	3
	0275924	Ref	ANSI, ANSI Export, CSA Specs without 7500W Generator and Arctic Package	2
	0275925	Ref	ANSI, ANSI Export, CSA Specs with 7500W Generator and Arctic Package	3
		Ref	China Built Machines:	
	0270733	Ref	ANSI Export, Australian and Japanese Specs without 7500W Generator	5
	0272483	Ref	ANSI Export and Japanese Specs with 7500W Generator	3
	0272484	Ref	ANSI Export, Australian and Japanese Specs with 7500W Generator	3
	0275924	Ref	ANSI Export Specs without 7500W Generator and Arctic Package	2
	0275925	Ref	ANSI Export Specs with 7500W Generator and Arctic Package	3
		Ref	Boom Cables Installation 660SJ	3
		Ref	USA Built Machines:	
	0270736	Ref	ANSI, ANSI Export, Australian, Brazilian, CSA, Japanese, Latin American Specs without 7500W Generator	3
	0270735	Ref	CE Specs without 7500W Generator	3
	0272485	Ref	ANSI, ANSI Export, Australian, CSA, Latin American, Japanese Specs with 7500W Generator	2
	0272486	Ref	ANSI Export, Brazilian, CE, Japanese Specs with 7500W Generator	2
	0275339	Ref	ANSI, ANSI Export, CSA Specs without 7500W Generator and Arctic Package	1
	0275831	Ref	ANSI, ANSI Export, CSA Specs with 7500W Generator and Arctic Package	2
		Ref	China Built Machines:	
	0270736	Ref	ANSI Export, Australian and Japanese Specs without 7500W Generator	A
	0272485	Ref	ANSI Export and Japanese Specs with 7500W Generator	2
	0272486	Ref	ANSI Export, Australian and Japanese Specs with 7500W Generator	2
	0275831	Ref	ANSI Export Specs with 7500W Generator and Arctic Package	2
	0275339	Ref	ANSI Export Specs without 7500W Generator and Arctic Package	1
201		Ref	Harness, Main Boom Options:	
201		Ref	Harness, Main Boom 600S	
201	4922468	1	ANSI, ANSI Export, CE, CSA, Australian, Brazilian, Japanese, Latin American Spec	
201	4923657	1	ANSI, ANSI Export, CSA Spec (With Arctic Package)	
201		Ref	Harness, Main Boom 660SJ	
201	4922467	1	ANSI, ANSI Export, Australian, CE, CSA, Brazilian, Japanese, Latin American Spec	
201	4923509	1	ANSI, ANSI Export, CSA Spec (With Arctic Package)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
201	1060896	Ref	Cable Options:	
201	1060896	67 ft/20.4m	Cable 600S	
201	1060896	75 ft/22.8m	Cable 660SJ	
201	4923462	Ref	Cable Options (With Arctic Package):	
201	4923462	67 ft/20.4m	Cable 600S	
201	4923462	75 ft/22.8m	Cable 660SJ	
201A	4460465	11	Socket, Female - #16	
201A	4460865	1	Plug, Connector (19 Pin)	
201A	4460509	4	Socket, Female - #12	
201A	4460466	4	Seal, Plug	
201B	4460473	1	Clamp, Cable	
201C	4460465	11	Socket, Female - #16	
201C	4460509	4	Socket, Female - #12	
202		Ref	Harness, Generator Options: (Does not include plug ends)	
202		Ref	Harness, Generator 600S without 7500W Generator	
202	4922889	AR	ANSI, ANSI Export, Australian, Brazilian, CSA, Japanese Specs (69.5ft/21.8m of 12/3 ANSI Spec Cable P/N 1060494)	
202	4922884	AR	CE and Latin American Specs (69.5ft/21.8m of 12/3 CE Spec Cable P/N 1060461)	
202	4923660	AR	ANSI, ANSI Export, CSA Specs (69.5ft/21.8m of 12/3 Cable P/N 4923463) (With Arctic Package)	
202	4922792	AR	Harness, Generator 600S with 7500W Generator (83ft/25.3m of 8/5 Cable P/N 1060945) (For Arctic Machines p/n was 4923658)	
202		Ref	Harness, Generator 660SJ without 7500W Generator	
202	4922888	AR	ANSI, ANSI Export, Australian, Brazilian, CSA, Japanese, Latin American Specs (77ft/23.5m of 12/3 ANSI Spec Cable P/N 1060494)	
202	4922886	AR	CE Specs (77ft/23.5m of 12/3 CE Spec Cable P/N 1060461)	
202	4923510	AR	ANSI, ANSI Export, CSA Specs (77ft/23.5m of 12/3 Cable P/N 4923463) (With Arctic Package)	
202	4922791	AR	Harness, Generator 660SJ with 7500W Generator (90.5ft/27.6m of 8/5 Cable P/N 1060945) (For Arctic Machines p/n was 4923630)	
203		Ref	Cable, Limit Switch Options:	
203		Ref	Cable, Limit Switch 600S	
203	1061026	1	ANSI, ANSI Export, Australian, Brazilian, CE, CSA, Latin American, Japanese Specs (25.5ft/7.8m of 18/2 Cable P/N 1060680)	
203	4923659	1	ANSI, ANSI Export, CSA Spec (25.5ft/7.8m of 18/2 Cable P/N 4923466) (With Arctic Package)	
203	1061027	2	ANSI, ANSI Export, Australian, CSA, Brazilian, Japanese Specs (13.5ft/4.2m of 18/2 Cable P/N 1060680)	
203		Ref	Cable, Limit Switch 660SJ	
203	1061027	1	ANSI, ANSI Export, Australian, Brazilian, CSA, Latin American, Japanese Specs (13.5ft/4.2m of 18/2 Cable P/N 1060680)	
203	1061026	1	Brazilian, CE, Japanese Specs (25.5ft/7.8m of 18/2 Cable P/N 1060680)	
203	4923511	1	ANSI, ANSI Export, CSA Spec (13.5ft/4.2m of 18/2 Cable P/N 4923466) (With Arctic Package)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
204	4460865	1	Plug, Connector (19 Pin)	
205	4460466	4	Seal, Plug	
206	4460473	1	Clamp, Cable	
207	4100026	4 ft/1.2m	Sleeve, Nylon (Required on 600S Only - Not Shown)	
		Ref	GROUND CONTROL BOX COMPONENTS	
302	0100048	AR	Grease, Dielectric	
325	4460426	2	Connector, Strain Relief	
326	4460470	1	Nut, Terminal	
327	4460471	1	Lockwasher, Terminal	
329	4460526	1	Connector, Strain Relief	
334	4923206	1	Valve Harness Assembly (See 401 to 446 for Breakdown)	C
335		Ref	Engine Harness Assembly (See 501 to 554 for Breakdown):	
335	1001110361	1	Deutz D2011 Engine Machines	
335	1001145046	1	Deutz TD2.9L4 Engine Machines	
335	1001110359	1	GM Engine Machines	
336		Ref	Ground Control Box Harness Assembly (See Items 601-662 for Breakdown)	
336	1001108602	1	Deutz D2011 Engine Machines	
336	1001145993	1	Deutz TD2.9L4 Engine Machines	
336	1001108602	1	GM Engine Machines	
337		Ref	Ground Control Box Wiring Diagram (Not Shown)	
337	1001110364	1	Deutz D2011 Engine Machines	D
337	1001145995	1	Deutz TD2.9L4 Engine Machines	A
337	1001110363	1	GM Engine Machines	C
337A	2920129	AR	Bulb, Light	
337B	4460708	AR	Receptacle, Female - 15 Position	
337B	4460226	AR	Socket, Female	
337B	4922637	1	Harness, Jumper (Not Shown)	
337B	4922636	1	Harness, Jumper (Not Shown)	
337C	2400065	1	Fuse, 30Amp	
337C	2400066	1	Fuse, Holder with Cover	
337D	4460894	1	Plug, Male - 6 Position	
337D	4460892	1	Receptacle, Female - 6 Position	
338	4460496	1	Lockwasher, Terminal	
339	4460497	1	Nut, Terminal	
341	1001106736	1	Cap, Dust	
	4923206	Ref	VALVE HARNESS ASSEMBLY	C
436	4460880	15	DIN Connector	
437	4460320	2	Plug, Male - 2 Position	
438	4460267	5	Pin, Male	
439	4460424	1	Receptacle, Female - 2 Position	
440	4460268	5	Socket, Female	
441	4460871	28	Socket, Female	
445	4460326	1	Plug, Male - 3 Position	
446	4460445	1	Receptacle, Female - 3 Position	
		Ref	ENGINE HARNESS ASSEMBLIES	
	1001110361	Ref	Deutz D2011 Engine Machines	A
	1001145046	Ref	Deutz TD2.9L4 Engine Machines	C
	1001110359	Ref	GM Engine Machines	A
517	4460424	1	Receptacle, Female - 2 Position	
517	4460268	2	Socket, Female	
518	4460424	1	Receptacle, Female - 2 Position	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
518	4460226	2	Socket, Female	
519	4460880	2	DIN Connector without Diode	
523	4461070	1	Receptacle, Female With Resistor (3 Position) (Deutz D2011 Engine Only)	
523	4461095	1	Plug, Male - 3 Position (Deutz D2011 Engine Only)	
523	4460944	3	Socket, Female (Deutz D2011 Engine Only)	
524	4460931	1	Connector, Male - 8 Position (Deutz TD2.9L4 Engines Only)	
524	4460464	4	Pin, Male	
524	4460466	4	Seal, Plug	
528	4460460	1	Connector, Male - 4 Position	
528	4460457	AR	Terminal, Female	
528	4460458	AR	Seal, Terminal	
531	4460539	1	Connector, Male - 3 Position	
531	4460944	3	Socket, Female	
533	4461052	1	Connector, Receptacle - 25 Position (Deutz D2011 Engine Only)	
533	4461005	5	Terminal (Gold) (Deutz D2011 Engine Only)	
533	4461006	5	Seal, Terminal (Deutz D2011 Engine Only)	
533	4461060	2	Terminal (Tin) (Deutz D2011 Engine Only)	
533	4461054	2	Seal, Terminal (Deutz D2011 Engine Only)	
533	4461053	1	Cover, Plug (Deutz D2011 Engine Only)	
533	4461008	AR	Plug, Hole (Deutz D2011 Engine Only)	
539	4460871	AR	Socket, Female	
544	4461157	1	Receptacle, Female - 2 Position	
544	4460979	2	Pin, Male	
544	4460458	2	Seal, Terminal	
548	4461121	1	Plug, Male - 4 Position (GM Engine Only)	
548	4461122	4	Socket, Female (GM Engine Only)	
548	4461123	4	Seal, Terminal (GM Engine Only)	
550	4460899	1	Connector, Male - 6 Position (Deutz TD2.9L4 Engines Only)	
550	4460464	5	Pin, Male	
550	4460943	5	Pin, Male (Gold)	
550	4460466	1	Seal, Plug	
551	4461124	1	Receptacle, Female - 4 Position (GM Engine Only)	
551	4460693	4	Pin, Male (GM Engine Only)	
551	4460608	4	Seal, Terminal (GM Engine Only)	
551	4461161	1	Lock, Terminal (GM Engine Only)	
553	2902443	1	Kit, Receptacle (Deutz D2011 Engine Only)	
553	4461071	8	Terminal, Female (Gold) (Deutz D2011 Engine Only)	
553	4461072	1	Connector, Flange Mount (Deutz D2011 Engine Only)	
553	4461073	1	Connector, Dust Cap (Deutz D2011 Engine Only)	
553	4461074	1	Connector, Shell (Deutz D2011 Engine Only)	
554	4461109	1	Plug, Male - 16 Position (GM Engine Only)	
554	4461111	7	Pin, Male (GM Engine Only)	
554	4461113	7	Seal, Terminal (GM Engine Only)	
554	4461222	9	Plug, Cavity (GM Engine Only)	
		Ref	GROUND CONTROL HARNESS ASSEMBLY	
	1001108602	Ref	Deutz D2011 Engine Machines	D
	1001145993	Ref	Deutz TD2.9L4 Engine Machines	A
	1001108602	Ref	GM Engine Machines	C
616	4460536	1	Connector, Female - 3 Position	
616	4460943	3	Pin, Male	
621	3990010	2	Diode - 6 Amp (Not Shown)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
624	4460434	2	Plug, Male 15 - Position	
624	4460227	AR	Pin	
626	4460873	1	Plug, Male - 35 Position (Black)	
626	4460871	AR	Socket, Female	
626	4460905	AR	Plug, Seal	
628	4120035	6	Base, Light	
628	4460634	7	Terminal (16 Gauge)	
628	4460635	5	Terminal (12 Gauge)	
634	4460418	AR	Connector, Female - 6 Position	
634	4460419	AR	Socket, Female	
638	4460871	9	Socket, Female	
639	4460876	1	Plug, Male - 35 Position (Blue)	
639	4460871	AR	Socket, Female	
639	4460905	AR	Plug, Seal	
643	4460866	1	Connector - 19 Pin	
643	4460464	10	Pin, Male (16 Gauge)	
643	4460508	3	Pin, Male (12 Gauge)	
644	4460878	1	Housing, Terminal - 4 Position	
644	4460887	3	Terminal (12 Gauge)	
650	4460761	1	Connector, Female 4 - Position	
650	4460227	4	Pin, Male	
655	8229242	2	Fuse 5A	
655	2400060	2	Holder, Fuse	
658	1001106339	1	Connector, Male - 14 Position	
658	4460871	2	Socket, Female	
658	4460905	AR	Plug, Seal	
659	1001106340	1	Connector, Male - 14 Position	
659	4460871	5	Socket, Female	
660	4460874	1	Connector, Natural	
660	4460871	10	Socket, Female	
660	4460905	AR	Plug, Seal	
661	4460875	1	Connector, Gray	
661	4460871	2	Socket, Female	
662	1001112612	1	Connector - 9 Position	
662	4460871	2	Socket, Female	
		Ref	STANDARD HARNESS COMPONENTS	
701		Ref	Battery Cable Kit Options:	
701	1001151565	1	Deutz D2011 Engine Machines	A
701	1001144440	1	Deutz TD2.9L4 Engine Machines without Arctic Package	A
701	1001143736	1	Deutz TD2.9L4 Engine Machines with Arctic Package	A
701	2902531	1	GM Engine Machines	A
701A		Ref	Cable, Battery (Black) Options (Battery - to Ground):	
701A	7027051	1	Deutz D2011 Engines Machines	
701A	7027063	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701A	7027084	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701A	7016822	1	GM Engine Machines	
701B	8270147	1	Terminal, Battery (Deutz Engines Only)	
701C		Ref	Cable, Battery (Black) Options (Aux Pump to Ground):	
701C	7027052	1	Deutz D2011 Engines Machines	
701C	7027064	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701C	7027085	1	Deutz TD2.9L4 Engine Machines with Arctic Package	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
701C	7027003	1	GM Engine Machines	B
701D		Ref	Cable (Black) Options (Engine to Ground):	
701D	7027053	1	Deutz D2011 Engines Machines	
701D	7027065	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701D	7027086	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701D	Not Required	1	GM Engine Machines	
701E		Ref	Cable (Red) Options (Battery + to Relays):	
701E	7027054	1	Deutz D2011 Engines Machines	
701E	7027067	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701E	7027088	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701E	7027015	1	GM Engine Machines	
701F		Ref	Cable (Red) Options (Aux Relay to Aux Pump)	
701F	7027055	1	Deutz D2011 Engines Machines	
701F	7027066	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701F	7027087	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701F	7027016	1	GM Engine Machines	
701G		Ref	Cable (Red) Options (Relay to Starter):	
701G	7027054	1	Deutz Engines Machines	
701G	7027017	1	GM Engines Machines	
702		Ref	Harness, Glow Plugs Options:	
702	4923379	1	Deutz D2011 Engines Machines	
702	Not Required	1	GM Engine Machines	
703	1001144660	1	Fuel Harness (Deutz TD2.9L4 Engines Only)	
703A	4460897	1	Receptacle, Female - 2 Position	
703A	4460941	2	Pin, Male	
703A	4460891	1	Plug, Male - 2 Position	
703A	4460942	2	Socket, Female	
703B	1001116983	1	Receptacle, Female - 2 Position	
703B	1001116710	2	Terminal	
703B	4461054	2	Seal	
703C	4460932	1	Receptacle, Female - 4 Position	
703C	4460941	2	Pin, Male	
703C	4460464	2	Pin, Male	
704	1001143726	1	Deutz TD2.9L4 Engine Harness	H
704A	1001133956	1	Connector (Includes Cover, Locks and Retention Plate)	
704A	1001126352	6	Terminal	
704A	1001126353	6	Seal, Terminal	
704A	1001126384	19	Terminal	
704A	1001126351	3	Terminal	
704A	1001126356	63	Plug, Seal	
704A	1001126357	2	Plug, Seal	
704B	1001133957	1	Connector (Includes Cover, Locks and Retention Plate)	
704B	1001126384	17	Terminal	
704B	1001126351	13	Terminal	
704B	1001126356	19	Plug, Seal	
704B	1001126357	11	Plug, Seal	
704C	4461070	3	Receptacle, Female With Resistor (3 Position)	
704C	4461095	6	Plug, Male - 3 Position	
704C	4460944	6	Socket, Female	
704C	4460466	2	Seal, Plug	
704D	80484084	1	Receptacle, Female - 8 Position	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
704D	8229242	1	Fuse - 5A	
704D	80983191	1	Fuse - 10A	
704D	1001147264	1	Cap	
704D	1001116727	8	Plug	
704D	4460458	4	Seal	
704E	1001116952	1	Plug, Male - 2 Position	
704E	4460465	2	Socket, Female	
704F	1001138110	1	Plug, Male - 2 Position	
704F	1001138111	2	Socket, Female	
704F	1001138113	2	Seal	
704G	2902443	1	Kit, Receptacle	
704G	4461071	8	Terminal, Female (Gold)	
704G	4461072	1	Connector, Flange Mount	
704G	4461073	1	Connector, Dust Cap	
704G	4461074	1	Connector, Shell	
704H	4460894	1	Plug, Male - 6 Position	
704H	4460465	3	Socket, Female	
704H	4460944	2	Socket, Female	
704H	4460466	1	Seal, Plug	
704J	4460930	1	Plug, Male - 8 Position	
704J	4460465	1	Socket, Female	
704J	4460466	7	Seal, Plug	
704K	4460884	1	Plug, Male - 4 Position	
704K	4460465	2	Socket, Female	
704K	4460942	2	Socket, Female	
704L	1001142938	1	Plug, Male - 2 Position	
704L	1001142940	2	Terminal, Female	
704L	1001142941	2	Seal	
704M	1001133714	1	Plug, Male - 4 Position	
704M	1001133715	3	Terminal, Female	
704M	1001135650	3	Seal	
704M	4461008	1	Plug, Cavity (was p/n 1001135651)	
704N	1001126362	1	Receptacle, Female - 62 Position	
704N	1001126363	33	Terminal	
704N	1001126364	33	Seal	
704N	1001126391	23	Plug	
704N	4461008	4	Plug, Cavity	
704N	1001126365	2	Terminal	
704N	4461054	2	Seal	
704P	4460891	1	Plug, Male - 2 Position (USA Built Machines) (SN 0300181891 to Present)	
704P	4460465	2	Socket, Female	
704P	4460897	1	Connector, Female - 2 Position	
705	See Note	AR	Deutz Engine Harness Components (Deutz Engine Machines Only) (Note: Not Available for Purchase. See 705A-705D for Available Components.)	
705A	7027796	1	Deutz Engine Harness	
705B	See Note	1	Receptacle, Female - 25 Position (Note: Not Available -Purchase Complete Harness)	
705C	70004060	1	Plug-In, Connector	
705D	70001872	1	Deutz Engine Harness (For other replacement parts refer to Deutz engine dealer)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
706	See Note	AR	GM Engine Harness Components (GM Engine Machines Only) (Note: Not Available for Purchase.)	
707	4360517	1	Switch, Proximity	
707A	4460320	1	Connector - 2 Position	
707A	4460227	2	Pin, Male	
708	See Note	1	Pump Harness (Note: Not Available for Purchase.)	
708A	7007497	1	Plug (Pump End)	
708B	7007498	1	Plug (Engine Harness End)	
709	1001143907	1	Alternator Power Cable (Deutz TD2.9L4 Engines)	
709	1001098764	1	Boot, Red (Deutz TD2.9L4 Engines)	
709	70004103	1	Alternator Interconnect Cable (Deutz D2011 Engines) (Not Shown - Connects to Item 705D)	
710	70004271	1	Starter Interconnect Cable (Deutz D2011 Engines) (Connects to Item 705D)	
711	70025231	1	Harness, Glow Plug (Deutz TD2.9L4 Engines)	
711	70025233	1	Plug, Connect (Deutz TD2.9L4 Engines)	
712	70025077	1	Harness, Engine (Deutz TD2.9L4 Engines)	
713	1001141304		Harness, Glow Plug Relay (Deutz TD2.9L4 Engine Machines)	
		Ref	OPTIONAL HARNESS COMPONENTS	
801	4921927	1	Jib Valve Harness (660SJ Only)	3
801A	4460326	1	Plug, Male - 3 Position	3
801B	4460267	3	Pin, Male	
801C	4460499	2	Connector, DIN with Diode	
802	4921928	1	4WS Valve Harness	
802A	4460268	3	Socket, Female	
802B	4460445	1	Connector, Female - 3 Position	
802C	4460499	2	Connector, DIN with Diode	
803	0257887	1	Alarm Harness (Includes Alarm)	
803	0140032	1	Alarm	
803	2820035	6 in/15cm	Loom	
803A	4460424	1	Plug, Male - 2 Position	1-A
803B	4460268	2	Socket, Female	
805	See Note	1	Headlight and Taillight/Chassis Illumination Harness (Note: Not Available for Purchase.)	
805	1060341	Ref	Cable, Electrical 16/2 Options:	
805	1060341	37 ft/11.3m	Headlights and Taillights	
805	1060341	40 ft/12.2m	Chassis Illumination Lights	
805A	3740049	1	Relay	
805A	4460259	3	Terminal	
805A	4460260	4	Housing, Terminal	
805A	4460297	1	Terminal	
805A	4922643	1	Lights Harness for Ground Control Box	A
805A	4460226	2	Socket, Female	
806		Ref	2500W Generator Electrical Components	
806	1001112743	AR	50Hz (Deutz Engines)	
806	1001112588	AR	60Hz (Deutz Engines)	
806	4933350	AR	60Hz (GM Engine)	
806A	4922641	1	Harness - On/Off Switch	
806B	4460226	2	Socket, Female	
806C		Ref	Harness, Powermite Control Box to Relay Options:	
806C	1001112589	1	Deutz Engines	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
806C	4923445	1	GM Engine	A
806D	4460374	1	Connector, Seal Relay	
806D	4460705	4	Terminal	
806E	4460742	1	Connector, Male - 2 Position	
806E	4460743	2	Socket, Female	
806E	4460458	2	Seal	
806F	4460321	1	Connector, Male - 4 Position (60Hz Only)	
806F	4460906	4	Socket, Female (60Hz Only)	
806G	4460027	1	Receptacle, Twist Lock (110V Only)	
806H	7020193	1	Harness, Generator Power	
806J	4460961	1	Connector, Female - 4 Position	
806J	4460705	4	Pin, Male	
807		Ref	Generator to Rear of Boom Harness Options:	
		Ref	Note: Harness used to connect AC at platform harness to generator receptacle to power platform receptacle.	
807	4921827	1	110V (ANSI, ANSI Export, Latin America and Japanese Specs)	2
807	1060494	20 ft/6m	Cable, Electrical - 12/3	
807A	4460205	1	Plug, Male	
807A	4460027	1	Receptacle, Twist Lock (110V Only)	
807B	4460134	1	Receptacle, Female	B
808		Ref	AC to Platform Receptacle Components Options:	
808	0256113	Ref	110V/60Hz GFI Receptacle (ANSI, ANSI Export and Japanese Specs)	
808	0256201	Ref	110V/50Hz Receptacle (Plug and Receptacle Supplied Locally) (Australian, Brazilian, Latin America Specs)	
808	0257175	Ref	220V Receptacle (ANSI and ANSI Export Specs)	
808		Ref	CE Specs Options Only (CE Spec are USA Built Machines):	
808		Ref	Without Generator:	
808	0256201	Ref	110V/50Hz Receptacle (Plug and Receptacle Supplied Locally)	
808	0275455	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	
808	0275456	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	
808	0275659	Ref	220V with AFSINT 107 Keyed Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	E
808	0275235	Ref	110V with IEC Yellow Receptacle and Plug and Circuit Breaker	E
808	0275254	Ref	220V with IEC Blue Receptacle and Plug and Circuit Breaker	E
808	0275237	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box)	E
808	1001153312	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box) (was p/n 0275253)	A-E
808		Ref	With Generator:	F
808	1001100390	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	
808	1001100391	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	F
808	1001100392	Ref	220V with AFSINT 107 Keyed Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	E
808	1001100394	Ref	220V with IEC Blue Receptacle and Plug and Circuit Breaker	E
808	1001100395	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box)	E
808	1001100396	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box)	E

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
808A		Ref	Box, Switch Options:	
808A	0860038	1	0256113 & 0257175 Installations	
808A	Not Required	1	0256201 Installation (Purchase Locally)	
808A	0861731	1	0275455, 0275456, 0275659, 1001100390, 1001100391 & 1001100392 Installations	
808A	0861781	1	0275235, 0275254, 1001100393 & 1001100394 Installations	
808A	See Note	1	0275237, 0275253, 1001100395, 1001100396 & 1001153312 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 808B, 808C, 808E & 808M)	
808A	1001141967	1	1001100343, 1001100344, 1001141970 & 1001141971 Kits	
808B		Ref	Receptacle Options:	
808B	4460346	1	0256113 Installation	
808B	4460125	1	0257175 Installation	
808B	Not Required	1	0256201 Installation (Purchase Locally)	
808B	4461244	1	0275455 & 1001100390 Installations	
808B	4461245	1	0275456 & 1001100391 Installations	
808B	4461246	1	0275659 & 1001100392 Installations	
808B	4461198	1	0275235 & 1001100393 Installations	
808B	4461201	1	0275254 & 1001100394 Installations	
808B	1001100343	1	0275237 & 1001100395 Installations (was p/n 4461204)	
808B	1001100344	1	0275253, 1001100396 & 1001153312 Installations (was p/n 4461207)	
808B	1001141968	1	1001100343 & 1001141971 Kits	
808B	1001141969	1	1001100344 & 1001141970 Kits	
808C		Ref	Shield, Cover Options:	
808C	4060700	1	0256113 Installation (SN 0300087000 through 0300138240)	
808C	1001110873	1	0256113 Installation (SN 0300138241 to Present)	
808C	4060092	1	0257175 Installation	
808C	Not Required	1	0256201 Installation (Purchase Locally)	
808C	4461244	1	0275455 & 1001100390 Installations	
808C	4461245	1	0275456 & 1001100391 Installations	
808C	4461246	1	0275659 & 1001100392 Installations	
808C	4461198	1	0275235 & 1001100393 Installations	
808C	4461201	1	0275254 & 1001100394 Installations	
808C	1001100343	1	0275237 & 1001100395 Installations (was p/n 4461204)	
808C	1001100344	1	0275253, 1001100396 & 1001153312 Installations (was p/n 4461207)	
808C	1001141968	1	1001100343 & 1001141971 Kits	
808C	1001141969	1	1001100344 & 1001141970 Kits	
808D		Ref	Connector, Strain Relief Options:	
808D	4460071	1	0256113 & 0257175 Installations	
808D	Not Required	1	0256201 Installation (Purchase Locally)	
808D	4460968	1	0275455, 0275456, 0275659, 0275235, 0275254, 0275237, 0275253, 1001100390, 1001100391, 1001100392, 1001100393, 1001100394, 1001100395, 1001100396 & 1001153312 Installations	
808E		Ref	Plug, Male Options:	
808E	4460205	1	0256113 Installation	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
808E	4460233	1	0257175 Installation	
808E	See Note	1	0256201 Installation (Note: Not Available - Purchase Locally.)	
808E	4461202	1	0275237, 0275455, 1001100390 & 1001100395 Installations & 1001100343 & 1001141971 Kits	
808E	4461205	1	0275453, 0275256, 1001100391 & 1001100396 Installations & 1001100344 & 1001141970 Kits	
808E	4461249	1	0275659 & 1001100392 Installations	
808E	4461196	1	0275235 & 1001100393 Installations	
808E	4461199	1	0275254 & 1001100394 Installations	
808F		Ref	Hardware Options:	
808F	0641407	AR	Bolt 1/4in - 20NC x 7/8in	
808F	0641410	AR	Bolt 1/4in - 20NC x 1-1/4in	
808F	0641416	AR	Bolt 1/4in - 20NC x 2in	
808F	0700408	AR	Screw M4 x 16mm	
808F	3290405	AR	Locknut M4	
808F	3311405	AR	Locknut 1/4in - 20NC	
808F	4711400	AR	Flatwasher 1/4in (Narrow)	
808F	4811400	AR	Flatwasher M4	
808F	1320149	AR	Clamp, Stauff	
808F	0100011	AR	Compound, Locking	
808G		Ref	Bracket, Receptacle Box Mounting Options:	
808G	Not Required	0	0256113, 0257175 & 0256201 Installations	
808G	0903484	1	0275455, 0275456, 0275659, 0275235, 0275254, 0275237, 0275253, 1001100390, 1001100391, 1001100392, 1001100393, 1001100394, 1001100395, 1001100396 & 1001153312 Installations	
808H		Ref	Bracket, Circuit Breaker Mounting Options:	
808H	Not Required	0	0256113, 0257175 & 0256201 Installations	
808H	1001154592	1	0275455, 0275456, 0275659, 0275235, 0275254, 0275237, 0275253, 1001100390, 1001100391, 1001100392, 1001100393, 1001100394, 1001100395 & 1001100396 Installations	
808H	1001152486	1	1001153312 Installation	
808J		Ref	Kit, Box and Breaker (Required Only on CE Spec Installations Except 0256201 Installation):	
808J	2902549	AR	Without Generator	D
808J	1001096070	AR	With 110V Generator	D
808J	1001109554	AR	With 220V Generator	B
808J		Ref	Circuit Breaker Options:	
808J	See Note	AR	Without Generator (Note: For machines equipped with a single circuit breaker use both p/ns 1001109475 & 1001109482 as replacement.)	
808J	1001109475	1	Circuit Breaker, 16A	
808J	1001109482	1	Circuit Breaker, 30MA RCD	
808J		Ref	With 110V Generator	
808J	1001109475	1	Circuit Breaker, 16A	
808J	1001109482	1	Circuit Breaker, 30MA RCD	
808J		Ref	With 220V Generator	
808J	1001109477	1	Circuit Breaker, 10A	
808J	1001109482	1	Circuit Breaker, 30MA RCD	
808J	0861880	1	Breaker Box	
808J	4460956	1	Barrier, Terminal Block End	
808J	4460957	1	Block, Terminal	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
808K		Ref	Connector, Strain Relief Options (Required Only on CE Spec Installations Except 0256201 Installation):	
808K	4460633	2	M20 Thread	
808K	1001097150	2	M25 Thread	
808L	1060908	AR	Cable, Extension (Required Only on CE Spec Installations Except 0256201 Installation)	
808L	1060908	6 ft/1.8m	Without Generator	
808L	1060908	12 ft/3.6m	With Generator	
808M		Ref	Receptacle, Female Options:	
808M	4461203	1	1001100390 & 1001100395 Installations & 1001100343 & 1001141971 Kits	
808M	4461206	1	1001100391 & 1001100396 Installations & 1001100344 & 1001141970 Kits	
808M	4461250	1	1001100392 Installation	
808M	4461197	1	1001100393 Installation	
808M	4461200	1	1001100394 Installation	
	0275452		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 808A, 808B, 808C & 808E) (0275455 Installation)	1
	1001100345		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 808A-808C, 808E & 808M) (1001100390 Installation)	2
	0275453		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 808A, 808B, 808C & 808E) (0275456 Installation)	1
	1001100347		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 808A-808C, 808E & 808M) (1001100391 Installation)	3
	0275454		Receptacle Box Kit (220V AFSINT 107 Keyed Ground) (Includes Items 808A, 808B, 808C & 808E) (0275659 Installation)	1
	1001100346		Receptacle Box Kit (220V AFSINT 107 Keyed Ground) (Includes Items 808A-808C, 808E & 808M) (1001100392 Installation)	2
	0275216		Receptacle Box Kit (110V IEC Yellow) (Includes Items 808A, 808B, 808C & 808E) (0275235 Installation)	1
	1001100341		Receptacle Box Kit (110V IEC Yellow) (Includes Items 808A-808C, 808E & 808M) (1001100393 Installation)	2
	0275217		Receptacle Box Kit (220V IEC Blue) (Includes Items 808A, 808B, 808C & 808E) (0275254 Installation)	1
	1001100342		Receptacle Box Kit (220V IEC Blue) (Includes Items 808A-808C, 808E & 808M) (1001100394 Installation)	2
	1001100343		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 808A-808C, 808E & 808M) (0275237 Installation) (was p/n 0275218 & 1001101971)	B-B
	1001100344		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 808A-808C, 808E & 808M) (0275253 & 1001153312 Installation) (was p/n 0275219 & 1001101970)	B-B-A
809		Ref	7500W SkyPower Generator Installation	
809	1001141421	Ref	60Hz & Deutz TD2.9L4 Engine	A
809	1001115387	Ref	60Hz & Deutz D2011 Engine	A
809	1001115389	Ref	50Hz & Deutz D2011 Engine	A
809	0275257	Ref	60Hz & GM Engine	E
809A		Ref	Receptacle, Female Twist-Lock Options (Machines with Deutz D2011 and GM Engines Only):	
809A	4460958	1	60Hz Spec	
809A	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809B		Ref	Gasket Options:	
809B	3960422	AR	60Hz Spec	
809B	See Note	AR	50Hz Spec (Note: Not Available - Purchase Locally.)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
809C		Ref	Cover, Receptacle Options:	
809C	1001110873	1	60Hz Spec	
809C	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809D		Ref	Cover, Receptacle Options (Machines with Deutz D2011 and GM Engines Only):	
809D	1001110872	1	60Hz Spec	
809D	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809E		Ref	Receptacle Options:	
809E	4460346	1	60Hz Spec	
809E	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809F	4460051	1	Connector, Strain Relief (Machines with Deutz D2011 and GM Engines Only)	
809G	4460071	1	Connector, Strain Relief	
809H	4922925	1	Harness, Generator	
809I	See Note	1	Plug, Male - 6 Position (Note: Not Available for Purchase.)	
809I	See Note	6	Socket, Female (Note: Not Available for Purchase.)	
809J	4460225	1	Plug, Male - 6 Position	
809J	4460226	6	Socket, Female	
810		Ref	7500W SkyPower Generator Junction Box Components	
810	0861542	Ref	60Hz Spec (Deutz D2011 Engines)	C
810	1001142914	Ref	60Hz Spec (Deutz DT2.9L4 Engines)	A
810	0861542	Ref	60Hz Spec (GM Engines)	C
810	0861567	Ref	50Hz Specs	B
810A		Ref	Cable, Electrical 12/3	
810A	1060494	2 ft/.6m	60Hz Spec	
810A	See Note	2 ft/.6m	50Hz Spec (Note: Not Available - Purchase Locally.)	
810B		Ref	Cable, Electrical 10/3 (Machines with Deutz D2011 and GM Engines Only)	
810B	1060708	2.5 ft/.76m	60Hz Spec	
810B	See Note	2.5 ft/.76m	50Hz Spec (Note: Not Available - Purchase Locally.)	
810C	1060343	1.5 ft/.46m	Cable, Electrical 10/4 (60Hz Spec Only)	
810D	4460425	2	Connector, Strain Relief	
810D	3520192	1	Plug, Hole (Machines with Deutz TD2.9L4 Engines Only)	
810E		Ref	Component Options:	
810E	4460426	2	Connector, Strain Relief (60Hz Spec Only)	
810E	4460426	1	Connector, Strain Relief (50Hz Spec Only)	
810E	3520189	1	Plug (50Hz Spec Only)	
810F	1671092	1	Cover (60Hz Spec Only)	
810F	4460963	1	Connector (60Hz Spec Only)	
811		Ref	7500W Generator Electrical Diagram Components	
811	1001112586	Ref	Deutz D2011 Engine Machines	A
811	1001122528	Ref	Deutz DT2.9L4 Engine Machines	B
811	4933349	Ref	GM Engine Machines	1-A
811A		Ref	Generator Harness Options:	
811A	1001112587	1	Deutz D2011 Engines	A
811A	1001119968	1	Deutz TD2.9L4 Engines	B
811A	4460465	3	Socket, Female (Deutz TD2.9L4 only)	
811B	4460374	2	Plug, Sealed Relay (Deutz D2011 Engines Only)	
811B	4460375	7	Terminal (Deutz D2011 Engines Only)	
811C	4460742	1	Plug, Male - 2 Position	

SECTION 7 - ELECTRICAL

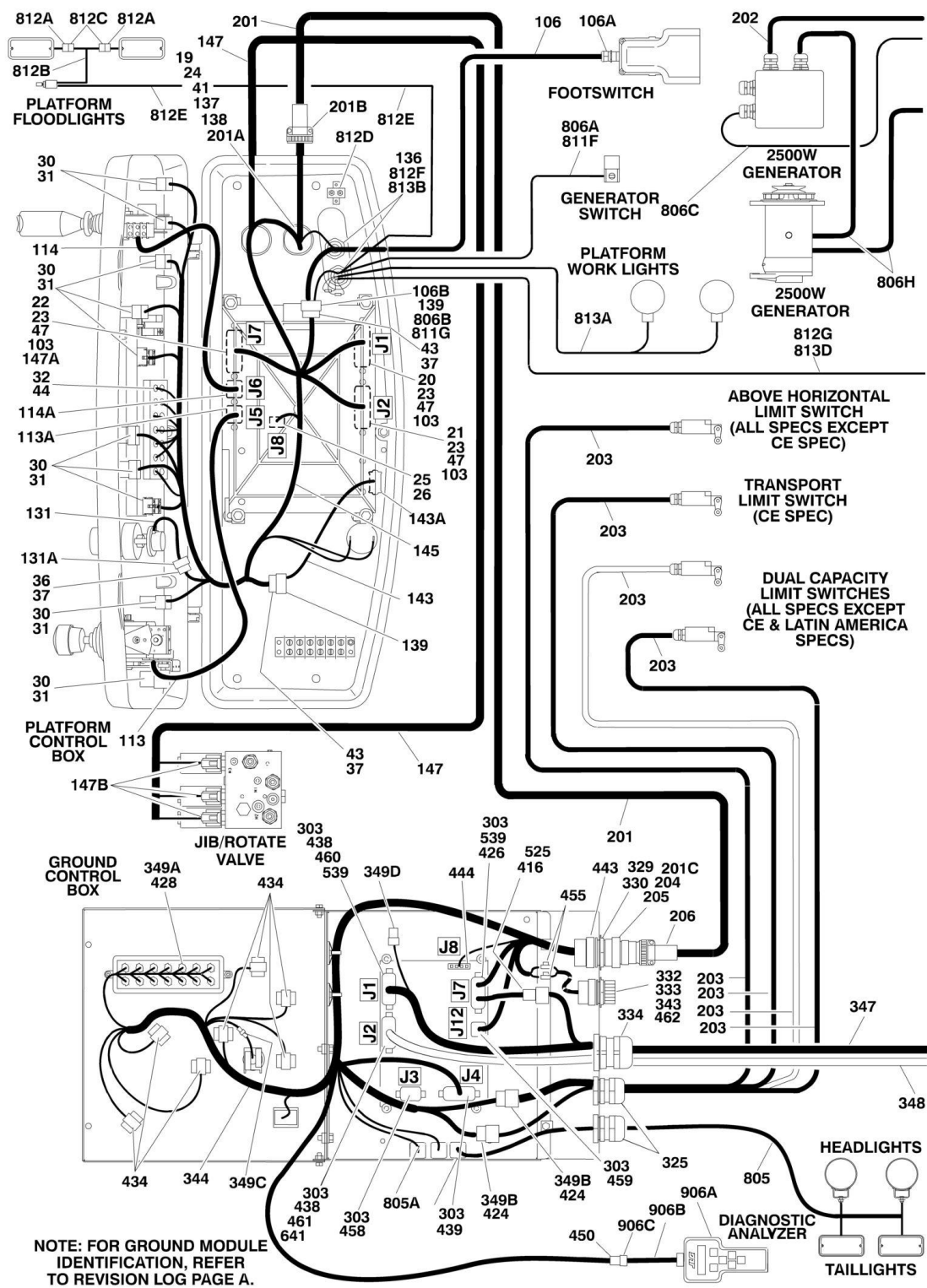
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
811C	4460743	2	Socket, Female	
811C	4460458	2	Seal	
811D		Ref	Component Options:	
811D	2400060	1	Fuseholder (Deutz D2011 Engines)	
811D	2400064	1	Fuse - 5 Amp (Deutz D2011 Engines)	
811D	1001117078	1	Fuseholder (Includes Fuse and Cap) (Deutz D2011 Engines)	
811D	See Note	1	Fuse - 5 Amp (Deutz D2011 Engines) (Note: Use 1001117078 Assembly or Purchase Fuse Locally)	
811D	1001096134	1	Cover, Fuseholder (Deutz D2011 Engines)	
811E	4460967	1	Plug, Male - 3 Position	
811E	4460465	3	Socket, Female	
811F	4922641	1	Switch Harness	1-A
811G	4460226	2	Socket, Female	1-A
812	4933313	1	Floodlights Harness Components	
812A	4460320	2	Plug, Male - 2 Position	1-A
812A	4460227	4	Pin, Male	
812B	4922764	1	Floodlight Harness (Lights to Switch)	
812C	4460424	2	Connector, Female - 2 Position	
812C	4460226	4	Socket, Female	
812D	4360232	1	Circuit Breaker - 15 Amp	
812E	1060977	1	Cord, 2 Wire Coiled (Console Box Circuit Breaker to Switch)	
812F	4460425	1	Connector, Strain Relief	
812G		Ref	Harness, Console Box to Aux Relay Options:	
812G	4922888	1	Harness, Console Box to Aux Relay 600S Harness (77ft/23.5m of 12/3 Cable P/N 1060494)	
812G	4922964	1	Harness, Console Box to Aux Relay 660SJ Harness (83ft/25.4m of 12/3 Cable P/N 1060494)	B
813		Ref	Platform Worklights Components	
813A	2920140	2	Platform Worklights External Harness (Includes Light and Wire Only)	
813B	4460426	1	Connector, Strain Relief	
813C	2400070	1	Fuse	
813C	2400066	1	Holder, Fuse	
813D		Ref	Harness, Console Box to Aux Relay Options:	
813D	4922888	1	Harness, Console Box to Aux Relay 600S Harness (77ft/23.5m of 12/3 Cable P/N 1060494)	
813D	4922964	1	Harness, Console Box to Aux Relay 660SJ Harness (83ft/25.4m of 12/3 Cable P/N 1060494)	
814	2920161	1	Strobe Light Harness (Includes Strobe Light):	
814A	4460891	1	Plug, Male - 2 Position	A
814A	4460465	2	Socket, Female	
815	1001149818	1	Strobe Light Harness	
815A	4460320	1	Connector, Female - 2 Position	
815A	4460267	2	Pin, Male	
815B	4460897	1	Connector, Female - 2 Position	
815B	4460464	2	Pin, Male	
		Ref	TOOLS	
901	7002821	1	Crimper (For Wire to Pin/Socket Connections) (Not Shown)	
902	7002823	1	Extractor (For Removal of Pin/Socket from Connectors) (Not Shown)	
903	4460467	1	Extractor, Pin (Blue 16-18 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	

SECTION 7 - ELECTRICAL

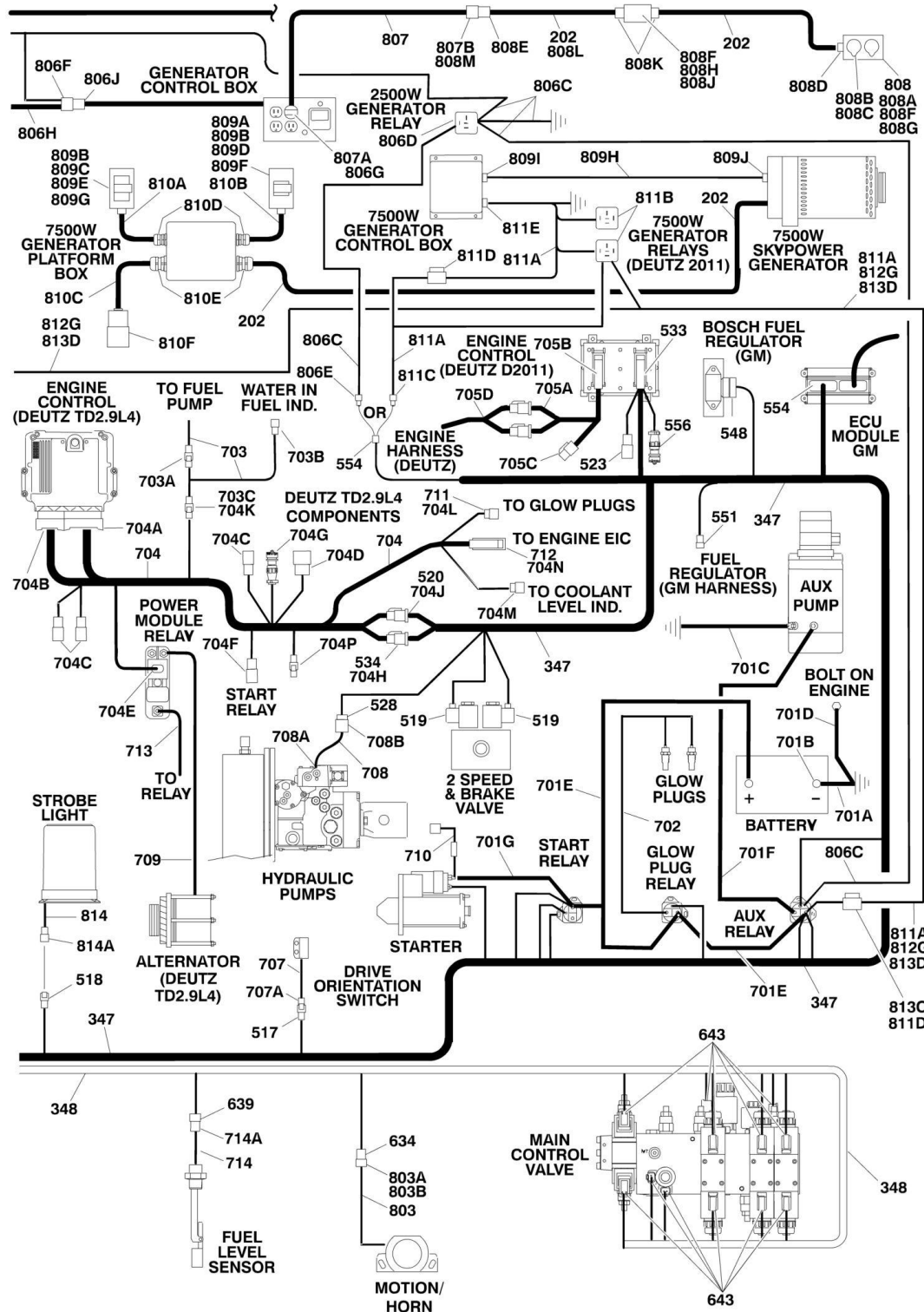
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
904	4460510	1	Extractor, Pin (Yellow 12-14 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	1-A
905	7002828	1	Stripper, Wire (Not Shown)	
906	2901443	1	Analyzer Kit (Not Shown)	
906A	1600244	1	Analyzer	
906B	1060633	1	Cable, Analyzer	
906C	4460321	2	Plug, Male	
906C	4460226	8	Socket, Female	
907	1001137005	1	Software Cable Kit (Not Shown)	

SECTION 7 - ELECTRICAL

FIGURE 7-3. HARNESS COMPONENTS INSTALLATION



SECTION 7 - ELECTRICAL



SECTION 7 - ELECTRICAL

FIGURE 7-3. HARNESS COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USAGE CHART:	
		Ref	USA Built Machines (SN 0300181891 to Present)	
	1001107753	Ref	PLATFORM BOX HARNESS ASSEMBLY	F
19	4460866	1	Terminal, 19 Pin Receptacle	
20	4460874	1	Connector - 35 Position (Natural)	
21	4460875	1	Connector - 35 Position (Gray)	
22	4460873	1	Connector - 35 Position (Black)	
23	4460871	79	Socket, Female	
24	4460464	7	Pin, Male (16 Gauge)	
25	4460879	1	Terminal, Housing 2 Position	
26	4460887	2	Terminal, (12 Gauge)	
30	4460418	9	Connector - 6 Position	
31	4460419	27	Terminal, Female	
32	4120035	13	Base, Light	
36	4460225	1	Plug, Male- 6 Position	
37	4460227	6	Pin, Male	
41	4460508	3	Pin, Male (12 Gauge)	
43	4460434	2	Connector - 15 Position	
44	2920129	13	Lamp, Indicator	
47	4460905	26	Plug, Seal	
		Ref	PLATFORM BOX ASSEMBLY COMPONENTS	
	1001159099	Ref	Platform Box Assembly Components (SN 0300181891 through 0300183172)	A
	1001159285	Ref	Platform Box Assembly Components (SN 0300183173 to Present)	A
103	0100048	AR	Grease, Dielectric	
106	1001117174	1	Footswitch Harness (Includes Footswitch)	
106	1060918	7.5 ft/2.3m	Cable, Electrical - 18/3	
106A	4460071	1	Connector, Strain Relief	
106B	4460226	2	Socket, Female	
106B	4460464	1	Pin, Male	
113	See Note	1	Controller Harness Assembly (Lift and Swing) (Note: Not Available for Purchase.)	
113A	7022819	1	Plug, Male - 8 Position (Natural)	
113A	4460871	8	Socket, Female	
114	See Note	1	Controller Harness/Circuit Board Assembly (Drive and Steer) (Note: Not Available for Purchase.)	
114A	7022825	1	Plug, Male - 8 Position (Black)	
114A	4460871	7	Socket, Female	
131	See Note	1	Controller Harness (Speed Control) (Note: Not Available for Purchase.)	
131A	4460224	1	Receptacle, Female - 6 Position	
131A	4460226	6	Socket, Female	
136	4460428	2	Connector, Strain Relief	
137	4460470	1	Nut, Terminal	
138	4460471	1	Lockwasher, Terminal	
139	4460708	2	Connector, Female - 15 Position	
143	4922666	1	Harness, Analyzer Cable	2-B
143	4460226	4	Socket, Female (Not Shown - Located at J2)	
143A	4460761	1	Connector, Female - 4 Position	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
143A	4460227	4	Pin, Male	
145	1001107753	1	Harness, Platform Console Box (Includes Items 1-47)	
147	1001139135	1	Harness, Platform Valve	
147A	4460226	AR	Socket, Female	
147B	4460891	6	Plug, Male - 2 Position	
147B	1001116692	12	Socket, Female	
		Ref	BOOM CABLES INSTALLATION	
		Ref	Boom Cables Installation 600S:	
	0270733	Ref	ANSI, ANSI Export, Australian, Brazilian, CSA, Japanese Specs without 7500W Generator	5
	0270734	Ref	CE and Latin American Specs without 7500W Generator	6
	1001153301	Ref	ANSI, ANSI Export, CSA and Japanese Specs without 4000W Generator	A
	0272483	Ref	ANSI, ANSI Export, Australian, CSA, Japanese Specs with 7500W Generator	3
	0272484	Ref	ANSI Export, Brazilian, CE, Japanese, Latin American Specs with 7500W Generator	3
	0275924	Ref	ANSI, ANSI Export, CSA Specs without 7500W Generator and Arctic Package	2
	0275925	Ref	ANSI, ANSI Export, CSA Specs with 7500W Generator and Arctic Package	3
		Ref	Boom Cables Installation 660SJ:	
	1001165616	Ref	ANSI, CSA and Japanese Specs without 7500W Generator	A
	1001165928	Ref	ANSI Export, CE and Australian Specs without 7500W Generator	B
	1001153302	Ref	ANSI, ANSI Export, CSA and Japanese Specs without 4000W Generator	A
	1001165925	Ref	ANSI, ANSI Export, Australian, CSA and Japanese Specs with 7500W Generator	A
	1001165929	Ref	ANSI Export and CE Specs with 7500W Generator	A
	1001165927	Ref	ANSI, ANSI Export and CSA Specs without 7500W Generator and Arctic Package	A
	1001165926	Ref	ANSI, ANSI Export and CSA Specs with 7500W Generator and Arctic Package	A
201		Ref	Harness, Main Boom Options:	
201		Ref	Harness, Main Boom 600S:	
201	4922468	1	ANSI, ANSI Export, CE, CSA, Australian, Brazilian, Japanese, Latin American Spec	
201	4923657	1	ANSI, ANSI Export, CSA Spec (With Arctic Package)	
201		Ref	Harness, Main Boom 660SJ:	
201	4922467	1	ANSI, ANSI Export, Australian, CE, CSA, Brazilian, Japanese, Latin American Spec	
201	4923509	1	ANSI, ANSI Export, CSA Spec (With Arctic Package)	
201	1060896	Ref	Cable Options:	
201	1060896	67 ft/20.4m	Cable 600S	
201	1060896	75 ft/22.8m	Cable 600SJ	
201	4923462	Ref	Cable Options (With Arctic Package):	
201	4923462	67 ft/20.4m	Cable 600S	
201	4923462	75 ft/22.8m	Cable 660SJ	
201A	4460465	11	Socket, Female - #16	
201A	4460865	1	Plug, Connector (19 Pin)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
201A	4460509	4	Socket, Female - #12	
201A	4460466	4	Seal, Plug	
201B	4460473	1	Clamp, Cable	
201C	4460465	11	Socket, Female - #16	
201C	4460509	4	Socket, Female - #12	
202		Ref	Harness, Generator Options: (Does not include plug ends)	
202		Ref	Harness, Generator 600S without 7500W Generator	
202	4922889	AR	ANSI, ANSI Export, Australian, Brazilian, CSA, Japanese Specs (69.5ft/21.8m of 12/3 ANSI Spec Cable P/N 1060494)	
202	4922884	AR	CE and Latin American Specs (69.5ft/21.8m of 12/3 CE Spec Cable P/N 1060461)	
202	4923660	AR	ANSI, ANSI Export, CSA Specs (69.5ft/21.8m of 12/3 Cable P/N 4923463) (With Arctic Package)	
202	1001153842	AR	Harness, Generator 600S with 4000W Generator (83ft/25.3m of 10/4 Cable P/N 1001131968)	
202	4922792	AR	Harness, Generator 600S with 7500W Generator (83ft/25.3m of 8/5 Cable P/N 1060945)	
202		Ref	Harness, Generator 660SJ without 7500W Generator	
202	4922888	AR	ANSI, ANSI Export, Australian, Brazilian, CSA, Japanese, Latin American Specs (77ft/23.5m of 12/3 ANSI Spec Cable P/N 1060494)	
202	4922886	AR	CE Specs (77ft/23.5m of 12/3 CE Spec Cable P/N 1060461)	
202	4923510	AR	ANSI, ANSI Export, CSA Specs (77ft/23.5m of 12/3 Cable P/N 4923463) (With Arctic Package)	
202	1001153844	AR	Harness, Generator 660SJ with 4000W Generator (90.5ft/27.6m of 10/4 Cable P/N 1001131968)	
202	4922791	AR	Harness, Generator 660SJ with 7500W Generator (90.5ft/27.6m of 8/5 Cable P/N 1060945)	
203		Ref	Cable, Limit Switch Options:	
203		Ref	Cable, Limit Switch 600S:	
203	1061026	1	ANSI, ANSI Export, Australian, Brazilian, CE, CSA, Latin American, Japanese Specs (25.5ft/7.8m of 18/2 Cable P/N 1060680)	
203	4923659	1	ANSI, ANSI Export, CSA Spec (25.5ft/7.8m of 18/2 Cable P/N 4923466) (With Arctic Package)	
203	1061027	2	ANSI, ANSI Export, Australian, CSA, Brazilian, Japanese Specs (13.5ft/4.2m of 18/2 Cable P/N 1060680)	
203		Ref	Cable, Limit Switch 660SJ:	
203	1061027	1	ANSI, ANSI Export, Australian, Brazilian, CSA, Latin American, Japanese Specs (13.5ft/4.2m of 18/2 Cable P/N 1060680)	
203	1061026	1	Brazilian, CE, Japanese Specs (25.5ft/7.8m of 18/2 Cable P/N 1060680)	
203	4923511	1	ANSI, ANSI Export, CSA Spec (13.5ft/4.2m of 18/2 Cable P/N 4923466) (With Arctic Package)	
204	4460865	1	Plug, Connector (19 Pin)	
205	4460466	4	Seal, Plug	
206	4460473	1	Clamp, Cable	
207	4100026	4 ft/1.2m	Sleeve, Nylon (Required on 600S Only - Not Shown)	
		Ref	GROUND CONTROL BOX COMPONENTS	
303	0100048	AR	Grease, Dielectric	
328	4460426	2	Connector, Strain Relief	
329	4460470	1	Nut, Terminal	
330	4460471	1	Lockwasher, Terminal	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
332	4460496	1	Lockwasher, Terminal	
333	4460497	1	Nut, Terminal	
334	4460526	1	Connector, Strain Relief	
343	1001106736	1	Cap, Dust	
344		Ref	Ground Control Box Harness Assembly (See Items 401-462 for Breakdown)	
344	1001108602	1	Deutz D2011 Engine Machines	
344	1001145993	1	Deutz TD2.9L4 Engine Machines	
344	1001108602	1	GM Engine Machines	
347		Ref	Engine Harness Assembly (See 501 to 554 for Breakdown):	
347	1001154390	1	Deutz D2011 Engine Machines	
347	1001164563	1	Deutz TD2.9L4 Engine Machines	
347	1001154388	1	GM Engine Machines	
348	1001154393	1	Valve Harness Assembly (See 601 to 643 for Breakdown)	
349		Ref	Ground Control Box Wiring Diagram (Not Shown)	
349	1001154399	1	Deutz D2011 Engine Machines	B
349	1001164565	1	Deutz TD2.9L4 Engine Machines	A
349	1001154398	1	GM Engine Machines	B
349A	2920129	AR	Bulb, Light	
349B	4460708	AR	Receptacle, Female - 15 Position	
349B	4460226	AR	Socket, Female	
349B	4922637	1	Harness, Jumper (Not Shown)	
349B	4922636	1	Harness, Jumper (Not Shown)	
349C	1001173590	1	Fuse Assembly	
349C	2400065	1	Fuse, 30Amp	
349C	2400066	1	Fuse, Holder with Cover	
349D	4460894	1	Plug, Male - 6 Position	
349D	4460892	1	Receptacle, Female - 6 Position	
		Ref	GROUND CONTROL HARNESS ASSEMBLY	
	1001108602	Ref	Deutz D2011 Engine Machines	D
	1001145993	Ref	Deutz TD2.9L4 Engine Machines	A
	1001108602	Ref	GM Engine Machines	D
416	4460536	1	Connector, Female - 3 Position	
416	4460943	3	Pin, Male	
421	3990010	2	Diode - 6 Amp (Not Shown)	
424	4460434	2	Plug, Male 15 - Position	
424	4460227	AR	Pin	
426	4460873	1	Plug, Male - 35 Position (Black)	
426	4460871	AR	Socket, Female	
426	4460905	AR	Plug, Seal	
428	4120035	6	Base, Light	
428	4460634	7	Terminal (16 Gauge)	
428	4460635	5	Terminal (12 Gauge)	
434	4460418	AR	Connector, Female - 6 Position	
434	4460419	AR	Socket, Female	
438	4460871	9	Socket, Female	
439	4460876	1	Plug, Male - 35 Position (Blue)	
439	4460871	AR	Socket, Female	
439	4460905	AR	Plug, Seal	
443	4460866	1	Connector - 19 Pin	
443	4460464	10	Pin, Male (16 Gauge)	
443	4460508	3	Pin, Male (12 Gauge)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
444	4460878	1	Housing, Terminal - 4 Position	
444	4460887	3	Terminal (12 Gauge)	
450	4460761	1	Connector, Female 4 - Position	
450	4460227	4	Pin, Male	
455	8229242	2	Fuse 5A	
455	2400060	2	Holder, Fuse	
458	1001106339	1	Connector, Male - 14 Position	
458	4460871	2	Socket, Female	
458	4460905	AR	Plug, Seal	
459	1001106340	1	Connector, Male - 14 Position	
459	4460871	5	Socket, Female	
460	4460874	1	Connector, Natural	
460	4460871	10	Socket, Female	
460	4460905	AR	Plug, Seal	
461	4460875	1	Connector, Gray	
461	4460871	2	Socket, Female	
462	1001112612	1	Connector - 9 Position	
462	4460871	2	Socket, Female	
		Ref	ENGINE HARNESS ASSEMBLIES	
	1001154390	Ref	Deutz D2011 Engine Machines	A
	1001164563	Ref	Deutz TD2.9L4 Engine Machines	A
	1001154388	Ref	GM Engine Machines	A
517	4460424	1	Receptacle, Female - 2 Position	
517	4460268	2	Socket, Female	
518	4460897	1	Receptacle, Female - 2 Position	
518	4460464	2	Socket, Female	
519	4460880	2	DIN Connector without Diode	
520	4460931	1	Connector, Male - 8 Position (Deutz TD2.9L4 Engines Only)	
520	4460464	4	Pin, Male	
520	4460466	4	Seal, Plug	
523	4461070	1	Receptacle, Female With Resistor (3 Position) (Deutz D2011 Engine Only)	
523	4461095	1	Plug, Male - 3 Position (Deutz D2011 Engine Only)	
523	4460944	3	Socket, Female (Deutz D2011 Engine Only)	
525	4460539	1	Connector, Male - 3 Position	
525	4460944	3	Socket, Female	
528	4460460	1	Connector, Male - 4 Position	
528	4460457	AR	Terminal, Female	
528	4460458	AR	Seal, Terminal	
533	4461052	1	Connector, Receptacle - 25 Position (Deutz D2011 Engine Only)	
533	4461005	5	Terminal (Gold) (Deutz D2011 Engine Only)	
533	4461006	5	Seal, Terminal (Deutz D2011 Engine Only)	
533	4461060	2	Terminal (Tin) (Deutz D2011 Engine Only)	
533	4461054	2	Seal, Terminal (Deutz D2011 Engine Only)	
533	4461053	1	Cover, Plug (Deutz D2011 Engine Only)	
533	4461008	AR	Plug, Hole (Deutz D2011 Engine Only)	
534	4460899	1	Connector, Male - 6 Position (Deutz TD2.9L4 Engines Only)	
534	4460464	5	Pin, Male	
534	4460943	5	Pin, Male (Gold)	
534	4460466	1	Seal, Plug	
539	4460871	AR	Socket, Female	
554	4461157	1	Receptacle, Female - 2 Position	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
554	4460979	2	Pin, Male	B
554	4460458	2	Seal, Terminal	
548	4461121	1	Plug, Male - 4 Position (GM Engine Only)	
548	4461122	4	Socket, Female (GM Engine Only)	
548	4461123	4	Seal, Terminal (GM Engine Only)	
551	4461124	1	Receptacle, Female - 4 Position (GM Engine Only)	
551	4460693	4	Pin, Male (GM Engine Only)	
551	4460608	4	Seal, Terminal (GM Engine Only)	
551	4461161	1	Lock, Terminal (GM Engine Only)	
556	2902443	1	Kit, Receptacle (Deutz D2011 Engine Only)	
556	4461071	8	Terminal, Female (Gold) (Deutz D2011 Engine Only)	
556	4461072	1	Connector, Flange Mount (Deutz D2011 Engine Only)	
556	4461073	1	Connector, Dust Cap (Deutz D2011 Engine Only)	
556	4461074	1	Connector, Shell (Deutz D2011 Engine Only)	
554	4461109	1	Plug, Male - 16 Position (GM Engine Only)	
554	4461111	7	Pin, Male (GM Engine Only)	
554	4461113	7	Seal, Terminal (GM Engine Only)	
554	4461222	9	Plug, Cavity (GM Engine Only)	
	1001154393	Ref	VALVE HARNESS ASSEMBLY	
634	4460539	1	Connector, Male - 3 Position	A
634	1001116692	2	Socket, Female	
634	4460466	1	Seal, Plug	
639	4460424	1	Plug, Male - 2 Position	
639	4460268	2	Socket, Female	
640	4460268	3	Socket, Female	
641	4460871	28	Socket, Female	
643	4460891	12	Plug, Male - 2 Position	
643	1001116692	24	Socket, Female	
		Ref	STANDARD HARNESS COMPONENTS	
701		Ref	Battery Cable Kit Options:	A
701	1001151565	1	Deutz D2011 Engine Machines	
701	1001144440	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701	1001143736	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701	2902531	1	GM Engine Machines	
701A		Ref	Cable, Battery (Black) Options (Battery - to Ground):	
701A	7027051	1	Deutz D2011 Engines Machines	
701A	7027063	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701A	7027084	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701A	7016822	1	GM Engine Machines	
701B	8270147	1	Terminal, Battery (Deutz Engines Only)	A
701C		Ref	Cable, Battery (Black) Options (Aux Pump to Ground):	
701C	7027052	1	Deutz D2011 Engines Machines	
701C	7027064	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701C	7027085	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701C	7027003	1	GM Engine Machines	
701D		Ref	Cable (Black) Options (Engine to Ground):	
701D	7027053	1	Deutz D2011 Engines Machines	
701D	7027065	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701D	7027086	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701D	Not Required	0	GM Engine Machines	A
701E		Ref	Cable (Red) Options (Battery + to Relays):	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
701E	7027054	1	Deutz D2011 Engines Machines	B
701E	7027067	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701E	7027088	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701E	7027015	1	GM Engine Machines	
701F		Ref	Cable (Red) Options (Aux Relay to Aux Pump)	
701F	7027055	1	Deutz D2011 Engines Machines	
701F	7027066	1	Deutz TD2.9L4 Engine Machines without Arctic Package	
701F	7027087	1	Deutz TD2.9L4 Engine Machines with Arctic Package	
701F	7027016	1	GM Engine Machines	
701G		Ref	Cable (Red) Options (Relay to Starter):	
701G	7027054	1	Deutz Engines Machines	
701G	7027017	1	GM Engines Machines	
702		Ref	Harness, Glow Plugs Options:	
702	4923379	1	Deutz D2011 Engines Machines	
702	Not Required	1	GM Engine Machines	
703	1001144660	1	Fuel Harness (Deutz TD2.9L4 Engines Only)	
703A	4460897	1	Receptacle, Female - 2 Position	
703A	4460941	2	Pin, Male	
703A	4460891	1	Plug, Male - 2 Position	
703A	4460942	2	Socket, Female	
703B	1001116983	1	Receptacle, Female - 2 Position	H
703B	1001116710	2	Terminal	
703B	4461054	2	Seal	
703C	4460932	1	Receptacle, Female - 4 Position	
703C	4460941	2	Pin, Male	
703C	4460464	2	Pin, Male	
704	1001143726	1	Deutz TD2.9L4 Engine Harness	
704A	1001133956	1	Connector (Includes Cover, Locks and Retention Plate)	
704A	1001126352	6	Terminal	
704A	1001126353	6	Seal, Terminal	
704A	1001126384	19	Terminal	
704A	1001126351	3	Terminal	
704A	1001126356	63	Plug, Seal	
704A	1001126357	2	Plug, Seal	
704B	1001133957	1	Connector (Includes Cover, Locks and Retention Plate)	
704B	1001126384	17	Terminal	
704B	1001126351	13	Terminal	
704B	1001126356	19	Plug, Seal	
704B	1001126357	11	Plug, Seal	
704C	4461070	3	Receptacle, Female With Resistor (3 Position)	
704C	4461095	6	Plug, Male - 3 Position	
704C	4460944	6	Socket, Female	
704C	4460466	2	Seal, Plug	
704D	80484084	1	Receptacle, Female - 8 Position	
704D	8229242	1	Fuse - 5A	
704D	80983191	1	Fuse - 10A	
704D	1001147264	1	Cap	
704D	1001116727	8	Plug	
704D	4460458	4	Seal	
704E	1001116952	1	Plug, Male - 2 Position	
704E	4460465	2	Socket, Female	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
704F	1001138110	1	Plug, Male - 2 Position	
704F	1001138111	2	Socket, Female	
704F	1001138113	2	Seal	
704G	2902443	1	Kit, Receptacle	
704G	4461071	8	Terminal, Female (Gold)	
704G	4461072	1	Connector, Flange Mount	
704G	4461073	1	Connector, Dust Cap	
704G	4461074	1	Connector, Shell	
704H	4460894	1	Plug, Male - 6 Position	
704H	4460465	3	Socket, Female	
704H	4460944	2	Socket, Female	
704H	4460466	1	Seal, Plug	
704J	4460930	1	Plug, Male - 8 Position	
704J	4460465	1	Socket, Female	
704J	4460466	7	Seal, Plug	
704K	4460884	1	Plug, Male - 4 Position	
704K	4460465	2	Socket, Female	
704K	4460942	2	Socket, Female	
704L	1001142938	1	Plug, Male - 2 Position	
704L	1001142940	2	Terminal, Female	
704L	1001142941	2	Seal	
704M	1001133714	1	Plug, Male - 4 Position	
704M	1001133715	3	Terminal, Female	
704M	1001135650	3	Seal	
704M	4461008	1	Plug, Cavity (was p/n 1001135651)	
704N	1001126362	1	Receptacle, Female - 62 Position	
704N	1001126363	33	Terminal	
704N	1001126364	33	Seal	
704N	1001126391	23	Plug	
704N	4461008	4	Plug, Cavity	
704N	1001126365	2	Terminal	
704N	4461054	2	Seal	
704P	4460891	1	Plug, Male - 2 Position (USA Built Machines) (SN 0300181891 to Present)	
704P	4460465	2	Socket, Female	
704P	4460897	1	Connector, Female - 2 Position	
705	See Note	AR	Deutz Engine Harness Components (Deutz Engine Machines Only) (Note: Not Available for Purchase. See 705A-705D for Available Components.)	
705A	7027796	1	Deutz Engine Harness	
705B	See Note	1	Receptacle, Female - 25 Position (Note: Not Available - Purchase Complete Harness)	
705C	70004060	1	Plug-In, Connector	
705D	70001872	1	Deutz Engine Harness (For other replacement parts refer to Deutz engine dealer)	
706	See Note	AR	GM Engine Harness Components (GM Engine Machines Only) (Note: Not Available for Purchase.)	
707	4360517	1	Switch, Proximity	
707A	4460320	1	Connector - 2 Position	
707A	4460227	2	Pin, Male	
708	See Note	1	Pump Harness (Note: Not Available for Purchase.)	
708A	7007497	1	Plug (Pump End)	
708B	7007498	1	Plug (Engine Harness End)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
709	1001143907	1	Alternator Power Cable (Deutz TD2.9L4 Engines)	
709	1001098764	1	Boot, Red (Deutz TD2.9L4 Engines)	
709	70004103	1	Alternator Interconnect Cable (Deutz D2011 Engines) (Not Shown - Connects to Item 705D)	
710	70004271	1	Starter Interconnect Cable (Deutz D2011 Engines) (Connects to Item 705D)	
711	70025231	1	Harness, Glow Plug (Deutz TD2.9L4 Engines)	
711	70025233	1	Plug, Connect (Deutz TD2.9L4 Engines)	
712	70025077	1	Harness, Engine (Deutz TD2.9L4 Engines)	
713	1001141304		Harness, Glow Plug Relay (Deutz TD2.9L4 Engine Machines)	
714	See Note	1	Switch, Fuel Level (Note: Not Available for Purchase.)	
714A	4460320	1	Plug, Male - 2 Position	
714A	4460227	2	Pin, Male	
		Ref	OPTIONAL HARNESS COMPONENTS	
803	0140044	1	Alarm Harness (Includes Alarm)	
803A	4460536	1	Plug, Male - 3 Position	
803B	1001116693	3	Socket, Female	
805	See Note	1	Headlight and Taillight/Chassis Illumination Harness (Note: Not Available for Purchase.)	
805	1060341	Ref	Cable, Electrical 16/2 Options:	
805	1060341	37/11.3m	Headlights and Taillights	
805	1060341	40/12.2m	Chassis Illumination Lights	
805A	3740049	1	Relay	
805A	4460259	3	Terminal	
805A	4460260	4	Housing, Terminal	
805A	4460297	1	Terminal	
805A	4922643	1	Lights Harness for Ground Control Box	1-A
805A	4460226	2	Socket, Female	
806		Ref	2500W Generator Electrical Components	
806	1001112743	AR	50Hz (Deutz Engines)	B
806	1001112588	AR	60Hz (Deutz Engines)	A
806	4933350	AR	60Hz (GM Engine)	B
806A	4922641	1	Harness - On/Off Switch	A
806B	4460226	2	Socket, Female	
806C		Ref	Harness, Powermite Control Box to Relay Options:	
806C	1001112589	1	Deutz Engines	A
	4923445		GM Engine	A
806D	4460374	1	Connector, Seal Relay	
806D	4460705	4	Terminal	
806E	4460742	1	Connector, Male - 2 Position	
806E	4460743	2	Socket, Female	
806E	4460458	2	Seal	
806F	4460321	1	Connector, Male - 4 Position (60Hz Only)	
806F	4460906	4	Socket, Female (60Hz Only)	
806G	4460027	1	Receptacle, Twist Lock (110V Only)	
806H	7020193	1	Harness, Generator Power	
806J	4460961	1	Connector, Female - 4 Position	
806J	4460705	4	Pin, Male	
807		Ref	Generator to Rear of Boom Harness Options:	
		Ref	Note: Harness used to connect AC at platform harness to generator receptacle to power platform receptacle.	
807	4921827	1	110V (ANSI, ANSI Export, Latin America and Japanese Specs)	2

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
807	1060494	20 ft/6m	Cable, Electrical - 12/3	
807A	4460205	1	Plug, Male	
807A	4460027	1	Receptacle, Twist Lock (110V Only)	
807B	4460134	1	Receptacle, Female	
808		Ref	AC to Platform Receptacle Components Options:	
808	0256113	Ref	110V/60Hz GFI Receptacle (ANSI, ANSI Export and Japanese Specs)	B
808	0256201	Ref	110V/50Hz Receptacle (Plug and Receptacle Supplied Locally) (Australian, Brazilian, Latin America Specs)	B
808	0257175	Ref	220V Receptacle (ANSI and ANSI Export Specs)	B
808		Ref	CE Specs Options Only (CE Spec are USA Built Machines):	
808		Ref	Without Generator:	
808	0256201	Ref	110V/50Hz Receptacle (Plug and Receptacle Supplied Locally)	B
808	0275455	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	E
808	0275456	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	E
808	0275659	Ref	220V with AFSINT 107 Keyed Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	E
808	0275235	Ref	110V with IEC Yellow Receptacle and Plug and Circuit Breaker	E
808	0275254	Ref	220V with IEC Blue Receptacle and Plug and Circuit Breaker	E
808	0275237	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box)	E
808	1001153312	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box) (was p/n 0275253)	A-F
808		Ref	With Generator:	
808	1001100390	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	F
808	1001100391	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	F
808	1001100392	Ref	220V with AFSINT 107 Keyed Ground Receptacle and Plug and Circuit Breaker (2x4 Box)	E
808	1001100394	Ref	220V with IEC Blue Receptacle and Plug and Circuit Breaker	E
808	1001100395	Ref	220V with CEE 7 Post Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box)	E
808	1001100396	Ref	220V with CEE 7 Side Ground Receptacle and Plug and Circuit Breaker (70mm x 70mm Box)	E
808A		Ref	Box, Switch Options:	
808A	0860038	1	0256113 & 0257175 Installations	
808A	Not Required	1	0256201 Installation (Purchase Locally)	
808A	0861731	1	0275455, 0275456, 0275659, 1001100390, 1001100391 & 1001100392 Installations	
808A	0861781	1	0275235, 0275254, 1001100393 & 1001100394 Installations	
808A	See Note	1	0275237, 0275253, 1001100395, 1001100396 & 1001153312 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 808B, 808C, 808E & 808M)	
808A	1001141967	1	1001100343, 1001100344, 1001141970 & 1001141971 Kits	
808B		Ref	Receptacle Options:	
808B	4460346	1	0256113 Installation	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
808B	4460125	1	0257175 Installation	
808B	Not Required	1	0256201 Installation (Purchase Locally)	
808B	4461244	1	0275455 & 1001100390 Installations	
808B	4461245	1	0275456 & 1001100391 Installations	
808B	4461246	1	0275659 & 1001100392 Installations	
808B	4461198	1	0275235 & 1001100393 Installations	
808B	4461201	1	0275254 & 1001100394 Installations	
808B	1001100343	1	0275237 & 1001100395 Installations (was p/n 4461204)	
808B	1001100344	1	0275253, 1001100396 & 1001153312 Installations (was p/n 4461207)	
808B	1001141968	1	1001100343 & 1001141971 Kits	
808B	1001141969	1	1001100344 & 1001141970 Kits	
808C		Ref	Shield, Cover Options:	
808C	4060700	1	0256113 Installation (SN 0300087000 through 0300138240)	
808C	1001110873	1	0256113 Installation (SN 0300138241 to Present)	
808C	4060092	1	0257175 Installation	
808C	Not Required	1	0256201 Installation (Purchase Locally)	
808C	4461244	1	0275455 & 1001100390 Installations	
808C	4461245	1	0275456 & 1001100391 Installations	
808C	4461246	1	0275659 & 1001100392 Installations	
808C	4461198	1	0275235 & 1001100393 Installations	
808C	4461201	1	0275254 & 1001100394 Installations	
808C	1001100343	1	0275237 & 1001100395 Installations (was p/n 4461204)	
808C	1001100344	1	0275253, 1001100396 & 1001153312 Installations (was p/n 4461207)	
808C	1001141968	1	1001100343 & 1001141971 Kits	
808C	1001141969	1	1001100344 & 1001141970 Kits	
808D		Ref	Connector, Strain Relief Options:	
808D	4460071	1	0256113 & 0257175 Installations	
808D	Not Required	1	0256201 Installation (Purchase Locally)	
808D	4460968	1	0275455, 0275456, 0275659, 0275235, 0275254, 0275237, 0275253, 1001100390, 1001100391, 1001100392, 1001100393, 1001100394, 1001100395, 1001100396 & 1001153312 Installations	
808E		Ref	Plug, Male Options:	
808E	4460205	1	0256113 Installation	
808E	4460233	1	0257175 Installation	
808E	See Note	1	0256201 Installation (Note: Not Available - Purchase Locally.)	
808E	4461202	1	0275237, 0275455, 1001100390 & 1001100395 Installations & 1001100343 & 1001141971 Kits	
808E	4461205	1	0275453, 0275256, 1001100391 & 1001100396 Installations & 1001100344 & 1001141970 Kits	
808E	4461249	1	0275659 & 1001100392 Installations	
808E	4461196	1	0275235 & 1001100393 Installations	
808E	4461199	1	0275254 & 1001100394 Installations	
808F		Ref	Hardware Options:	
808F	0641407	AR	Bolt 1/4in - 20NC x 7/8in	
808F	0641410	AR	Bolt 1/4in - 20NC x 1-1/4in	
808F	0641416	AR	Bolt 1/4in - 20NC x 2in	
808F	0700408	AR	Screw M4 x 16mm	
808F	3290405	AR	Locknut M4	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
808F	3311405	AR	Locknut 1/4in - 20NC	
808F	4711400	AR	Flatwasher 1/4in (Narrow)	
808F	4811400	AR	Flatwasher M4	
808F	1320149	AR	Clamp, Stauff	
808F	0100011	AR	Compound, Locking	
808G		Ref	Bracket, Receptacle Box Mounting Options:	
808G	Not Required	0	0256113, 0257175 & 0256201 Installations	
808G	0903484	1	0275455, 0275456, 0275659, 0275235, 0275254, 0275237, 0275253, 1001100390, 1001100391, 1001100392, 1001100393, 1001100394, 1001100395, 1001100396 & 1001153312 Installations	
808H		Ref	Bracket, Circuit Breaker Mounting Options:	
808H	Not Required	0	0256113, 0257175 & 0256201 Installations	
808H	1001154592	1	0275455, 0275456, 0275659, 0275235, 0275254, 0275237, 0275253, 1001100390, 1001100391, 1001100392, 1001100393, 1001100394, 1001100395 & 1001100396 Installations	
808H	1001152486	1	1001153312 Installation	
808J		Ref	Kit, Box and Breaker (Required Only on CE Spec Installations Except 0256201 Installation):	
808J	2902549	AR	Without Generator	D
808J	1001096070	AR	With 110V Generator	D
808J	1001109554	AR	With 220V Generator	B
808J		Ref	Circuit Breaker Options:	
808J	See Note	AR	Without Generator (Note: For machines equipped with a single circuit breaker use both p/ns 1001109475 & 1001109482 as replacement.)	
808J	1001109475	1	Circuit Breaker, 16A	
808J	1001109482	1	Circuit Breaker, 30MA RCD	
808J		Ref	With 110V Generator	
808J	1001109475	1	Circuit Breaker, 16A	
808J	1001109482	1	Circuit Breaker, 30MA RCD	
808J		Ref	With 220V Generator	
808J	1001109477	1	Circuit Breaker, 10A	
808J	1001109482	1	Circuit Breaker, 30MA RCD	
808J	0861880	1	Breaker Box	
808J	4460956	1	Barrier, Terminal Block End	
808J	4460957	1	Block, Terminal	
808K		Ref	Connector, Strain Relief Options (Required Only on CE Spec Installations Except 0256201 Installation):	
808K	4460633	2	M20 Thread	
808K	1001097150	2	M25 Thread	
808L	1060908	Ref	Cable, Extension (Required Only on CE Spec Installations Except 0256201 Installation)	
808L	1060908	6 ft/1.8m	Without Generator	
808L	1060908	12 ft/3.6m	With Generator	
808M		Ref	Receptacle, Female Options:	
808M	4461203	1	1001100390 & 1001100395 Installations & 1001100343 & 1001141971 Kits	
808M	4461206	1	1001100391 & 1001100396 Installations & 1001100344 & 1001141970 Kits	
808M	4461250	1	1001100392 Installation	
808M	4461197	1	1001100393 Installation	
808M	4461200	1	1001100394 Installation	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0275452		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 808A, 808B, 808C & 808E) (0275455 Installation)	1
	1001100345		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 808A-808C, 808E & 808M) (1001100390 Installation)	2
	0275453		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 808A, 808B, 808C & 808E) (0275456 Installation)	1
	1001100347		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 808A-808C, 808E & 808M) (1001100391 Installation)	3
	0275454		Receptacle Box Kit (220V AFSINT 107 Keyed Ground) (Includes Items 808A, 808B, 808C & 808E) (0275659 Installation)	1
	1001100346		Receptacle Box Kit (220V AFSINT 107 Keyed Ground) (Includes Items 808A-808C, 808E & 808M) (1001100392 Installation)	2
	0275216		Receptacle Box Kit (110V IEC Yellow) (Includes Items 808A, 808B, 808C & 808E) (0275235 Installation)	1
	1001100341		Receptacle Box Kit (110V IEC Yellow) (Includes Items 808A-808C, 808E & 808M) (1001100393 Installation)	2
	0275217		Receptacle Box Kit (220V IEC Blue) (Includes Items 808A, 808B, 808C & 808E) (0275254 Installation)	1
	1001100342		Receptacle Box Kit (220V IEC Blue) (Includes Items 808A-808C, 808E & 808M) (1001100394 Installation)	2
	1001100343		Receptacle Box Kit (220V CEE 7 Post Ground) (Includes Items 808A-808C, 808E & 808M) (0275237 Installation) (was p/n 0275218 & 1001101971)	B-B
	1001100344		Receptacle Box Kit (220V CEE 7 Side Ground) (Includes Items 808A-808C, 808E & 808M) (0275253 & 1001153312 Installations) (was p/n 0275219 & 1001101970)	B-B-A
809		Ref	SkyPower Generator Installations	
809		Ref	4000W SkyPower Generator Installation	
809	1001139952	Ref	60Hz & Deutz D2011 Engine	A
809	1001139953	Ref	50Hz & Deutz D2011 Engine	A
809	1001139960	Ref	60Hz & GM Engine	A
809		Ref	7500W SKYPOWER GENERATOR INSTALLATION	
809	1001141421	Ref	60Hz & Deutz TD2.9L4 Engine	B
809	1001115387	Ref	60Hz & Deutz D2011 Engine	B
809	1001115389	Ref	50Hz & Deutz D2011 Engine	B
809	0275257	Ref	60Hz & GM Engine	E
809A		Ref	Receptacle, Female Twist-Lock Options (Machines with 7500W SkyPower Generator, Deutz D2011 and GM Engines Only):	
809A	4460958	1	60Hz Spec	
809A	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809B		Ref	Gasket Options:	
809B	3960422	AR	60Hz Spec	
809B	See Note	AR	50Hz Spec (Note: Not Available - Purchase Locally.)	
809C		Ref	Cover, Receptacle Options:	
809C	1001110873	1	60Hz Spec	
809C	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809D		Ref	Cover, Receptacle Options (Machines with 7500W SkyPower Generator, Deutz D2011 and GM Engines Only):	
809D	1001110872	1	60Hz Spec	
809D	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809E		Ref	Receptacle Options:	
809E	4460346	1	60Hz Spec	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
809E	See Note	1	50Hz Spec (Note: Not Available - Purchase Locally.)	
809F	4460051	1	Connector, Strain Relief (Machines with 7500W SkyPower Generator, Deutz D2011 and GM Engines Only):	
809G	4460071	1	Connector, Strain Relief	
809H		Ref	Harness, Generator Options:	
809H	1001152532	1	4000W SkyPower Generator	
809H	4922925	1	7500W SkyPower Generator	
809I		Ref	Plug, Male Options:	
809I		Ref	4000W SkyPower Generator	
809I	77363233	1	Plug, Male - 6 Position	
809I	4460465	2	Socket, Female	
809I		Ref	7500W SkyPower Generator	
809I	77363233	1	Plug, Male - 6 Position	
809I	80463058	6	Socket, Female	
809J		Ref	Plug, Male Options:	
809J		Ref	4000W SkyPower Generator	
809J	4460225	1	Plug, Male - 6 Position	
809J	4460268	2	Socket, Female	
809J		Ref	7500W SkyPower Generator	
809J	See Note	1	Plug, Male - 6 Position (Note: Not Available for Purchase.)	
809J	See Note	6	Socket, Female (Note: Not Available for Purchase.)	
810		Ref	SkyPower Generator Junction Box Components	
810		Ref	4000W SkyPower Generator	
810	1001152457	Ref	60Hz Spec (Deutz D2011 Engines)	A
810	1001152457	Ref	60Hz Spec (GM Engines)	A
810	1001152458	Ref	50Hz Specs	A
810		Ref	7500W SkyPower Generator	
810	0861542	Ref	60Hz Spec (Deutz D2011 Engines)	C
810	1001142914	Ref	60Hz Spec (Deutz DT2.9L4 Engines)	A
810	0861542	Ref	60Hz Spec (GM Engines)	C
810	0861567	Ref	50Hz Specs	B
810A		Ref	Cable, Electrical 12/3	
810A	1060494	2 ft/.6m	60Hz Spec	
810A	See Note	2 ft/.6m	50Hz Spec (Note: Not Available - Purchase Locally.)	
810B		Ref	Cable, Electrical 10/3 (Machines with 7500W SkyPower Generator, Deutz D2011 and GM Engines Only)	
810B	1060708	2.5 ft/.76m	60Hz Spec	
810B	See Note	2.5 ft/.76m	50Hz Spec (Note: Not Available - Purchase Locally.)	
810C	1060343	1.5 ft/.46m	Cable, Electrical 10/4 (Machines with 7500W SkyPower Generator - 60Hz Spec Only)	
810D	4460425	AR	Connector, Strain Relief	
810D	3520192	1	Plug, Hole (Machines with 7500W SkyPower Generator Deutz TD2.9L4 Engines Only)	
810D	3520192	1	Plug, Hole (Machines with 4000W SkyPower Generator, Deutz D2011 Engines Only (CE Spec)	
810D	1001152525	1	Plug, Hole (Machines with 4000W SkyPower Generator, Deutz D2011 and GM Engines Only)	
810E		Ref	Component Options:	
810E		Ref	4000W SkyPower Generator	
810E	4460426	1	Connector, Strain Relief (60Hz Spec Only)	
810E	1001148648	1	Plug (50Hz Spec Only)	

SECTION 7 - ELECTRICAL

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
810E		Ref	7500W SkyPower Generator	
810E	4460426	2	Connector, Strain Relief (60Hz Spec Only)	
810E	4460426	1	Connector, Strain Relief (50Hz Spec Only)	
810E	3520189	1	Plug (50Hz Spec Only)	
810F	1671092	1	Cover (Machines with 7500W SkyPower Generator - 60Hz Spec Only)	
810F	4460963	1	Connector (Machines with 7500W SkyPower Generator - 60Hz Spec Only)	
811		Ref	Generator Electrical Diagram Components	
811		Ref	4000W SkyPower Generator	
811	1001132055	Ref	60HZ - Deutz D2011 Engine Machines	A
811	1001153025	Ref	50HZ - Deutz D2011 Engine Machines (ANSI Export, CE and Japanese Specs)	A
811	1001159648	Ref	50HZ - Deutz D2011 Engine Machines (Australian Spec)	A
811	1001160271	Ref	50HZ - Deutz D2011 Engine Machines (UK Spec)	A
811	1001132055	Ref	GM Engine Machines	1-A
811		Ref	7500W SkyPower Generator	
811	1001112586	Ref	Deutz D2011 Engine Machines	A
811	1001122528	Ref	Deutz DT2.9L4 Engine Machines	B
811	4933349	Ref	GM Engine Machines	1-A
811A		Ref	Generator Harness Options:	
811A		Ref	4000W SkyPower Generator	
811A	1001153197	1	Deutz D2011 and GM Engines	A
811A		Ref	7500W SkyPower Generator	
811A	1001112587	1	Deutz D2011 Engines	A
811A	1001119968	1	Deutz TD2.9L4 Engines	B
811A	4460465	3	Socket, Female (Deutz TD2.9L4 only)	
811B	4460374	2	Plug, Sealed Relay (Machines with 7500W SkyPower Generator Deutz D2011 Engines Only)	
811B	4460375	7	Terminal (Machines with 7500W SkyPower Generator Deutz D2011 Engines Only)	
811C	4460742	1	Plug, Male - 2 Position	
811C	4460743	2	Socket, Female	
811C	4460458	2	Seal	
811D		Ref	Component Options (Machines with 7500W SkyPower Generator Only):	
811D	2400060	1	Fuseholder (Deutz D2011 Engines)	
811D	2400064	1	Fuse - 5 Amp (Deutz D2011 Engines)	
811D	1001117078	1	Fuseholder (Includes Fuse and Cap) (Deutz TD2.9L4 Engines)	
811D	See Note	1	Fuse - 5 Amp (Deutz TD2.9L4 Engines) (Note: Use 1001117078 Assembly or Purchase Fuse Locally)	
811D	1001096134	1	Cover, Fuseholder (Deutz TD2.9L4 Engines)	
811E	4460967	1	Plug, Male - 3 Position	
811E	4460465	AR	Socket, Female	
811F	4922641	1	Switch Harness	1-A
811G	4460226	2	Socket, Female	
811H		Ref	Harness, Ground Options (4000W Generator- 50Hz Only) (Not Shown):	
811H	1001164091	1	ANSI Export, CE and Japanese Specs	
811H	1001154121	1	Australian Spec	
811H	Not Required	1	UK Spec	
812	4933313	1	Floodlights Harness Components	1-A

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
812A	4460320	2	Plug, Male - 2 Position	1-A
812A	4460227	4	Pin, Male	
812B	4922764	1	Floodlight Harness (Lights to Switch)	
812C	4460424	2	Connector, Female - 2 Position	
812C	4460226	4	Socket, Female	
812D	4360232	1	Circuit Breaker - 15 Amp	
812E	1060977	1	Cord, 2 Wire Coiled (Console Box Circuit Breaker to Switch)	
812F	4460425	1	Connector, Strain Relief	
812G		Ref	Harness, Console Box to Aux Relay Options:	
812G	4922888	1	Harness, Console Box to Aux Relay 600S Harness (77ft/23.5m of 12/3 Cable P/N 1060494)	
812G	4922964	1	Harness, Console Box to Aux Relay 660SJ Harness (83ft/25.4m of 12/3 Cable P/N 1060494)	
813		Ref	Platform Worklights Components	
813A	2920140	2	Platform Worklights External Harness (Includes Light and Wire Only)	
813B	4460426	1	Connector, Strain Relief	
813C	2400070	1	Fuse	
813C	2400066	1	Holder, Fuse	
813D		Ref	Harness, Console Box to Aux Relay Options:	B
813D	4922888	1	Harness, Console Box to Aux Relay 600S Harness (77ft/23.5m of 12/3 Cable P/N 1060494)	
813D	4922964	1	Harness, Console Box to Aux Relay 660SJ Harness (83ft/25.4m of 12/3 Cable P/N 1060494)	
814	2920161	1	Strobe Light Harness (Includes Strobe Light):	
814A	4460891	1	Plug, Male - 2 Position	
814A	4460465	2	Socket, Female	
		Ref	TOOLS	
901	7002821	1	Crimper (For Wire to Pin/Socket Connections) (Not Shown)	
902	7002823	1	Extractor (For Removal of Pin/Socket from Connectors) (Not Shown)	
903	4460467	1	Extractor, Pin (Blue 16-18 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	
904	4460510	1	Extractor, Pin (Yellow 12-14 Gauge) (For Removal of Pin/Socket from Connectors) (Not Shown)	
905	7002828	1	Stripper, Wire (Not Shown)	
906	2901443	1	Analyzer Kit (Not Shown)	
906A	1600244	1	Analyzer	
906B	1060633	1	Cable, Analyzer	1-A
906C	4460321	2	Plug, Male	
906C	4460226	8	Socket, Female	
907	1001137005	1	Software Cable Kit (Not Shown)	

SECTION 8 - DECALS

SECTION 8 - DECALS

FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)

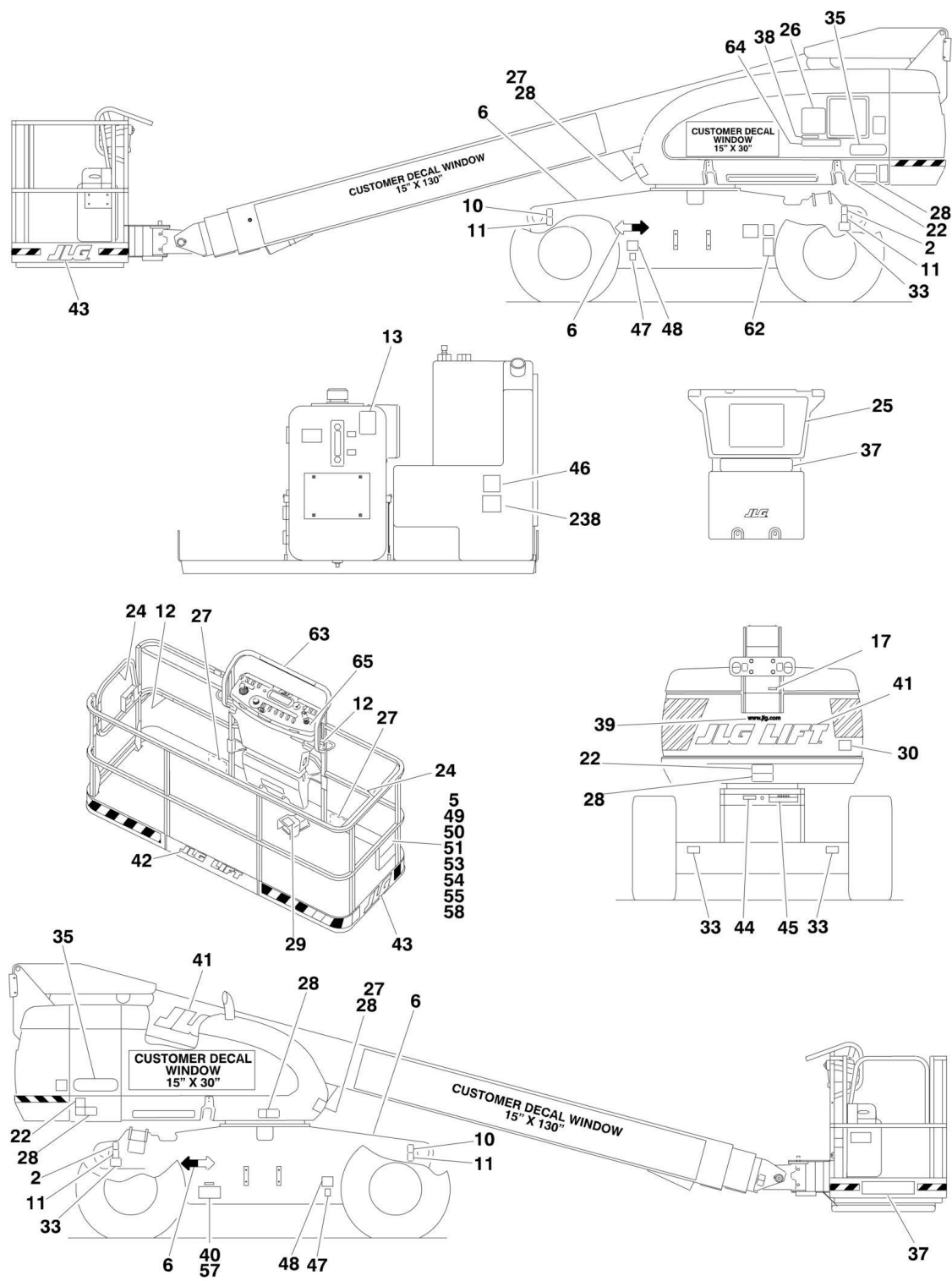


FIGURE 8-1. DECAL INSTALLATION (ANSI SPEC)

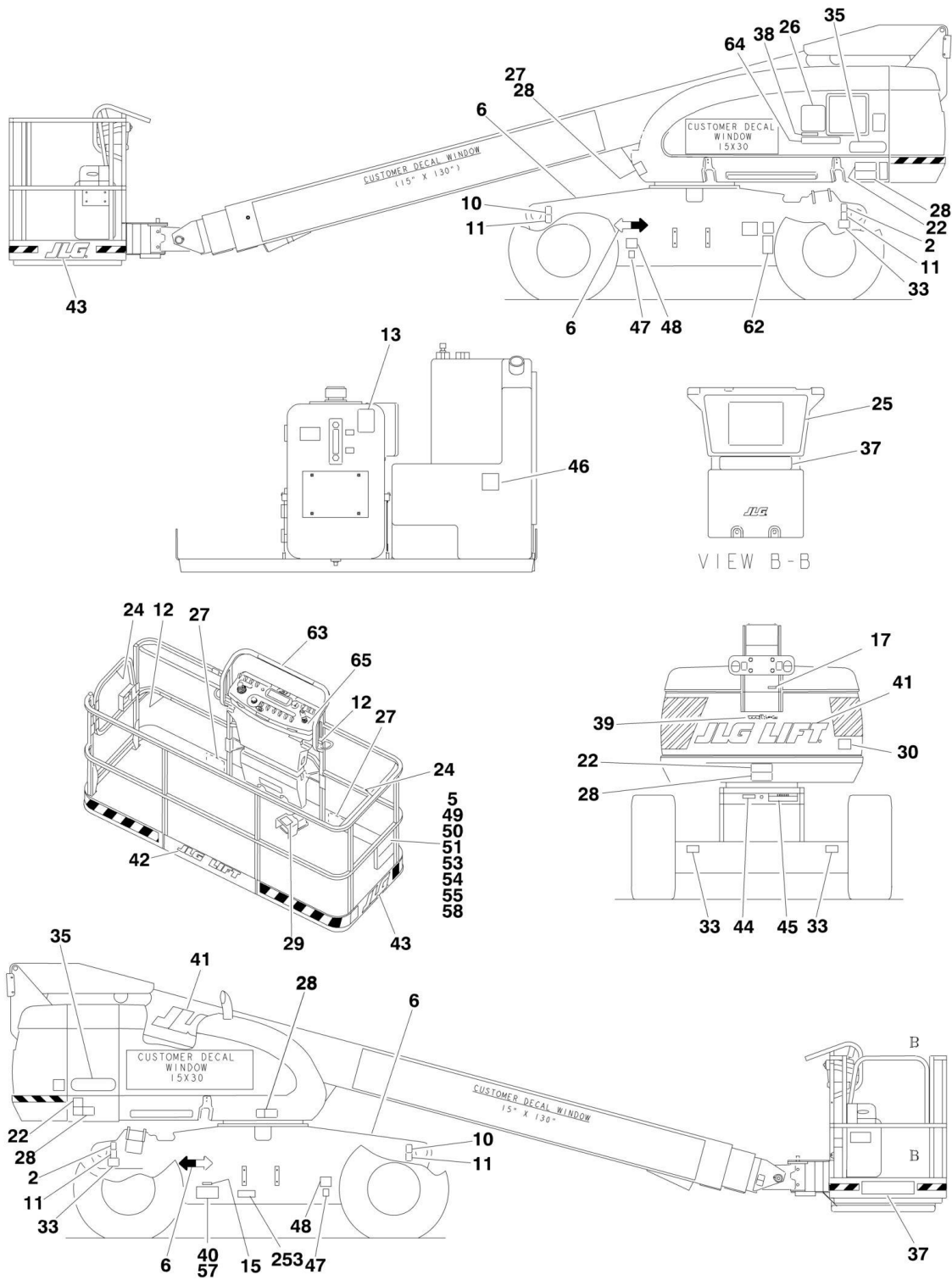
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	STANDARD DECAL INSTALLATIONS	
	0274093	Ref	Decal - JLG	2
	0273867	Ref	Standard Decal Installations 600S ANSI Spec	C
	0273869	Ref	Standard Decal Installations 660SJ ANSI Spec	B
1	1001108923	1	Decal - EPA/Carb Fuel Spec (Diesel Machines)	
2	1701499	2	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal- Arrow	
10	1703811	2	Decal - Tie Down/Lift	
11	1703814	4	Decal - Tie Down	
12	1704277	3	Decal - Attach Lanyard Here	
13	1704412	1	Decal - Hydraulic Oil	
17		Ref	Nameplate Options:	
17	3251243	1	120V-60Hz	
17	3252507	1	220V-50/60Hz	
22	1703953	4	Decal - Warning/Crushing	
24	1702868	2	Decal - No Hands	
25	1703797	1	Decal - Danger/Warning	
26	1705336	1	Decal - Warning Inspection	
27	1703804	4	Decal - Warning Crushing	
28	1703805	4	Decal - Danger Electrocution	
29	3252347	1	Nameplate - Footswitch	
30	3251813	1	Decal - USA	
33		Ref	Decal Kit - Tire Load Options:	
33	2902304	1	Decal Kit - Tire Load 600S Tire Load Decal Kit (Includes Qty 4 of p/n 1703470)	
33	1703470	4	Decal - Tire Load (600S)	
33	2902306	1	Decal Kit - Tire Load 660SJ Tire Load Decal Kit (Includes Qty 4 of p/n 1703472)	
33	1703472	4	Decal - Tire Load (660SJ)	
35		Ref	Decal - Model Options:	
35	1702815	2	Decal - Model 600S	
35	1702817	2	Decal - Model 660SJ	
37		Ref	Decal - Capacity Options:	
37	1001121800	2	Decal - Capacity 600S	
37	1001121801	2	Decal - Capacity 660SJ	
38		Ref	Decal - Capacity Options:	
38	1001121813	1	Decal - Capacity 600S	
38	1001121814	1	Decal - Capacity 660SJ	
39	1704885	1	Decal - Website	
40	See Note	1	Nameplate - Serial Number (Note: Not Available for Purchase.)	
41	1702861	3	Decal - JLG Lift (8in)	
42	1702774	1	Decal - JLG Lift (3-1/2in)	
43	1702773	2	Decal - JLG Lift (5in)	
44	3250872	1	Nameplate - Steer/Tow Selection (Machines with Tow Package Only)	
45		Ref	Decal - Tow Instructions Options: (Machines with Tow Package Only)	
45	1702305	1	2WD	
45	1703403	1	4WD	

SECTION 8 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
46		Ref	Decal - Fuel	
46	1701542	1	Gas Engine Machines	
46	1701505	1	Diesel Engine Machines	
47	1701543	2	Decal - LP Gas (GM Engine Only)	
48		Ref	Decal - LP Gas Liquid Options (GM Engine Only):	
48	1700818	2	English Language	
48	1704271	2	English and French Languages	
48	1702720	2	Spanish Language	
49	0100011	AR	Compound, Locking	
50	0641406	4	Bolt 1/4in-20NC x 3/4in	
51	0641408	1	Bolt 1/4in-20NC x 1in	
53	0860520	1	Box, Manual Storage	
54	1060279	1	Cable, Lanyard	
55	3311405	AR	Locknut 1/4in-20NC	
57	3820001	4	Rivet	
58	4751400	AR	Flatwasher 1/4in	
62	1001131269	1	Decal - Patent	
63	1001108493	1	Decal - Legend	
64	1706941	1	Decal - Legend	
65	1705351	1	Decal - Drive/Steer Instructions	
	2902303	1	Master Decal Kit (Includes Items 2 & 5-17)	6
	2902307	1	ANSI Spec Decal Kit (Includes Items 24-30)	6
		Ref	ADDITIONAL DECALS	
238		Ref	Decal - EPA/Carb Fuel Specs Options:	
238	1001108923	1	Machines with Deutz D2011 Engine	
238	1001125387	1	Machines with Deutz TD2.9L4 Engine	

SECTION 8 - DECALS

FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC)



SECTION 8 - DECALS

FIGURE 8-2. DECAL INSTALLATION (COUNTRY SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	STANDARD DECAL INSTALLATIONS	
	0274093	Ref	Decal - JLG	2
	0273885	Ref	Standard Decal Installations 600S Brazilian Spec	B
	0273887	Ref	Standard Decal Installations 660SJ Brazilian Spec	B
	0275099	Ref	Standard Decal Installations 600S Chinese Spec (Traditional)	B
	1001116839	Ref	Standard Decal Installations 600S Chinese Spec (Simplified)	B
	0273871	Ref	Standard Decal Installations 660SJ Chinese Spec (Traditional)	B
	1001117939	Ref	Standard Decal Installations 660SJ Chinese Spec (Simplified)	B
	0273872	Ref	Standard Decal Installations 600S CSA Spec	B
	0273874	Ref	Standard Decal Installations 660SJ CSA Spec	C
	0273888	Ref	Standard Decal Installations 600S Japanese Spec	B
	0273890	Ref	Standard Decal Installations 660SJ Japanese Spec	B
	0273870	Ref	Standard Decal Installations 600S Korean Spec	B
	0274925	Ref	Standard Decal Installations 660SJ Korean Spec	B
	0273882	Ref	Standard Decal Installations 600S Latin American Spec	B
	0273884	Ref	Standard Decal Installations 660SJ Latin American Spec	B
2	1701499	2	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal- Arrow	
10	1703811	2	Decal - Tie Down/Lift	
11	1703814	4	Decal - Tie Down	
12	1704277	3	Decal - Attach Lanyard Here	
13	1704412	1	Decal - Hydraulic Oil	
15		Ref	Decal - CSA Options:	
15	1705514	1	CSA Spec Only	
15	Not Required	0	All Other Specs	
17		Ref	Nameplate Options:	
17	3251243	1	120V-60Hz	
17	3252507	1	220V-50/60Hz	
22		Ref	Decal - Warning/Crushing Options:	
22	1705903	4	Brazilian Spec	
22	1703943	4	Chinese Spec (Traditional)	
22	1001116845	4	Chinese Spec (Simplified)	
22	1703942	4	CSA Spec	
22	1703944	4	Japanese Spec	
22	1703945	4	Korean Spec	
22	1703941	4	Latin American Spec	
24		Ref	Decal - No Hands Options:	
24	1705967	2	Brazilian Spec	
24	1001116846	2	Chinese Spec	
24	1704000	2	CSA Spec	
24	Not Required	0	Japanese Spec	
24	1705969	2	Korean Spec	
24	1704001	2	Latin American Spec	
25		Ref	Decal - Danger/Warning Options:	
25	1705895	1	Brazilian Spec	
25	1703925	1	Chinese Spec (Traditional)	
25	1001116847	1	Chinese Spec (Simplified)	
25	1703924	1	CSA Spec	
25	1703926	1	Japanese Spec	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
25	1703927	1	Korean Spec	
25	1703923	1	Latin American Spec	
26		Ref	Decal - Warning Inspection Options:	
26	1705896	1	Brazilian Spec	
26	1001116849	1	Chinese Spec (Traditional)	
26	1001116848	1	Chinese Spec (Simplified)	
26	1705347	1	CSA Spec	
26	1705344	1	Japanese Spec	
26	1705345	1	Korean Spec	
26	1705917	1	Latin American Spec	
27		Ref	Decal - Warning Crushing Options:	
27	1705898	4	Brazilian Spec	
27	1703949	4	Chinese Spec (Traditional)	
27	1001116850	4	Chinese Spec (Simplified)	
27	1703948	4	CSA Spec	
27	1703950	4	Japanese Spec	
27	1703951	4	Korean Spec	
27	1703947	4	Latin American Spec	
28		Ref	Decal - Danger Electrocution Options:	
28	1705897	4	Brazilian Spec	
28	1001116851	4	Chinese Spec (Traditional)	
28	1703937	4	Chinese Spec (Simplified)	
28	1703936	4	CSA Spec	
28	1703938	4	Japanese Spec	
28	1703939	4	Korean Spec	
28	1703935	4	Latin American Spec	
29		Ref	Nameplate - Footswitch Options:	
29	1705902	1	Brazilian Spec	
29	1703982	1	Chinese Spec (Traditional)	
29	1001116852	1	Chinese Spec (Simplified)	
29	1703984	1	CSA Spec	
29	1703980	1	Japanese Spec	
29	1703981	1	Korean Spec	
29	1703983	1	Latin American Spec	
30		Ref	Decal - USA Options:	
30	3251813	1	All Specs Except Korean and Japanese Specs	
30	Not Required	0	Japanese and Korean Specs	
33		Ref	Decal Kit - Tire Load Options:	
33	2902304	1	Decal Kit - Tire Load 600S Tire Load Decal Kit (Includes Qty 4 of p/n 1703470)	
33	1703470	4	Decal - Tire Load (600S)	
33	2902306	1	Decal Kit - Tire Load 660SJ Tire Load Decal Kit (Includes Qty 4 of p/n 1703472)	
33	1703472	4	Decal - Tire Load (660SJ)	
35		Ref	Decal - Model Options:	
35	1702815	2	Decal - Model 600S	
35	1702817	2	Decal - Model 660SJ	
37		Ref	Decal - Capacity Options:	
37		Ref	Decal - Capacity 600S:	
37	1001121806	2	Brazilian Spec	
37	1001121809	2	Chinese Spec (Traditional)	
37	1001121811	2	Chinese Spec (Simplified)	

SECTION 8 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
37	1001121802	2	CSA Spec	
37	1001121807	2	Japanese Spec	
37	1001122200	2	Korean Spec	
37	1001121804	2	Latin American Spec	
37		Ref	Decal - Capacity 660SJ:	
37	1001121656	2	Brazilian Spec	
37	1001121810	2	Chinese Spec	
37	1001121803	2	CSA Spec	
37	1001121808	2	Japanese Spec	
37	1001121918	2	Korean Spec	
37	1001121805	2	Latin American Spec	
38		Ref	Decal - Capacity Options:	
38		Ref	Decal - Capacity 600S:	
38	1001121819	1	Brazilian Spec	
38	1001121822	1	Chinese Spec (Traditional)	
38	1001121824	1	Chinese Spec (Simplified)	
38	1001121815	1	CSA Spec	
38	1001121820	1	Japanese Spec	
38	1001122201	1	Korean Spec	
38	1001121817	1	Latin American Spec	
38		Ref	Decal - Capacity 660SJ:	
38	1001121655	1	Brazilian Spec	
38	1001121823	1	Chinese Spec	
38	1001121816	1	CSA Spec	
38	1001121821	1	Japanese Spec	
38	1001121921	1	Korean Spec	
38	1001121818	1	Latin American Spec	
39	1704885	1	Decal - Website	
40	See Note	1	Nameplate - Serial Number (Note: Not Available for Purchase)	
41	1702861	3	Decal - JLG Lift (8in)	
42	1702774	1	Decal - JLG Lift (3-1/2in)	
43	1702773	2	Decal - JLG Lift (5in)	
44	3250872	1	Nameplate - Steer/Tow Selection (Machines with Tow Package Only)	
45		Ref	Decal - Tow Instructions Options (Machines with Tow Package Only):	
45	1702305	1	2WD	
45	1703403	1	4WD	
46		Ref	Decal - Fuel	
46	1701542	1	Gas Engine Machines	
46	1701505	1	Deutz Engine Machines	
47	1701543	2	Decal - LP Gas (Gas Engine Only)	
48		Ref	Decal - LP Gas Liquid Options (Gas Engine Only):	
48	1700818	2	English Language	
48	1704271	2	English and French Languages	
48	1702720	2	Spanish Language	
49	0100011	AR	Compound, Locking	
50	0641406	4	Bolt 1/4in-20NC x 3/4in	
51	0641408	1	Bolt 1/4in-20NC x 1in	
53	0860520	1	Box, Manual Storage	
54	1060279	1	Cable, Lanyard	
55	3311405	5	Locknut 1/4in-20NC	

SECTION 8 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
57	3820001	4	Rivet	
58	4751400	10	Flatwasher 1/4in	
62		Ref	Decal - Patent Options:	
62	Not Required	1	All Other Specs Except CSA Spec and Latin American Spec	
62	1702573	1	Latin American Spec Only	
62	1001131269	1	CSA Spec	
63	1001108493	1	Decal - Legend	
64	1706941	1	Decal - Legend	
65		Ref	Decal - Drive/Steer Instructions Options:	
65	1705905	1	Brazilian Spec	
65	1001116863	1	Chinese Spec (Traditional)	
65	1705430	1	Chinese Spec (Simplified)	
65	1705429	1	CSA Spec	
65	1705426	1	Japanese Spec	
65	1705427	1	Korean Spec	
65	1705910	1	Latin American Spec	
253	1001143852	1	Decal - Emissions Compliance (All Specs except CSA Spec)	
	2902303	1	Master Decal Kit (Includes Items 2 & 5-17)	6
		Ref	Spec Decal Kit Options (Includes Items 19-31):	
	2902312	1	Brazilian Spec	8
	2902309	1	Chinese Spec (Traditional)	8
	1001116844	1	Chinese Spec (Simplified)	2
	2902322	1	CSA Spec	8
	2902308	1	Japanese Spec	8
	2902310	1	Korean Spec	4
	2902311	1	Latin American Spec	9

SECTION 8 - DECALS

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

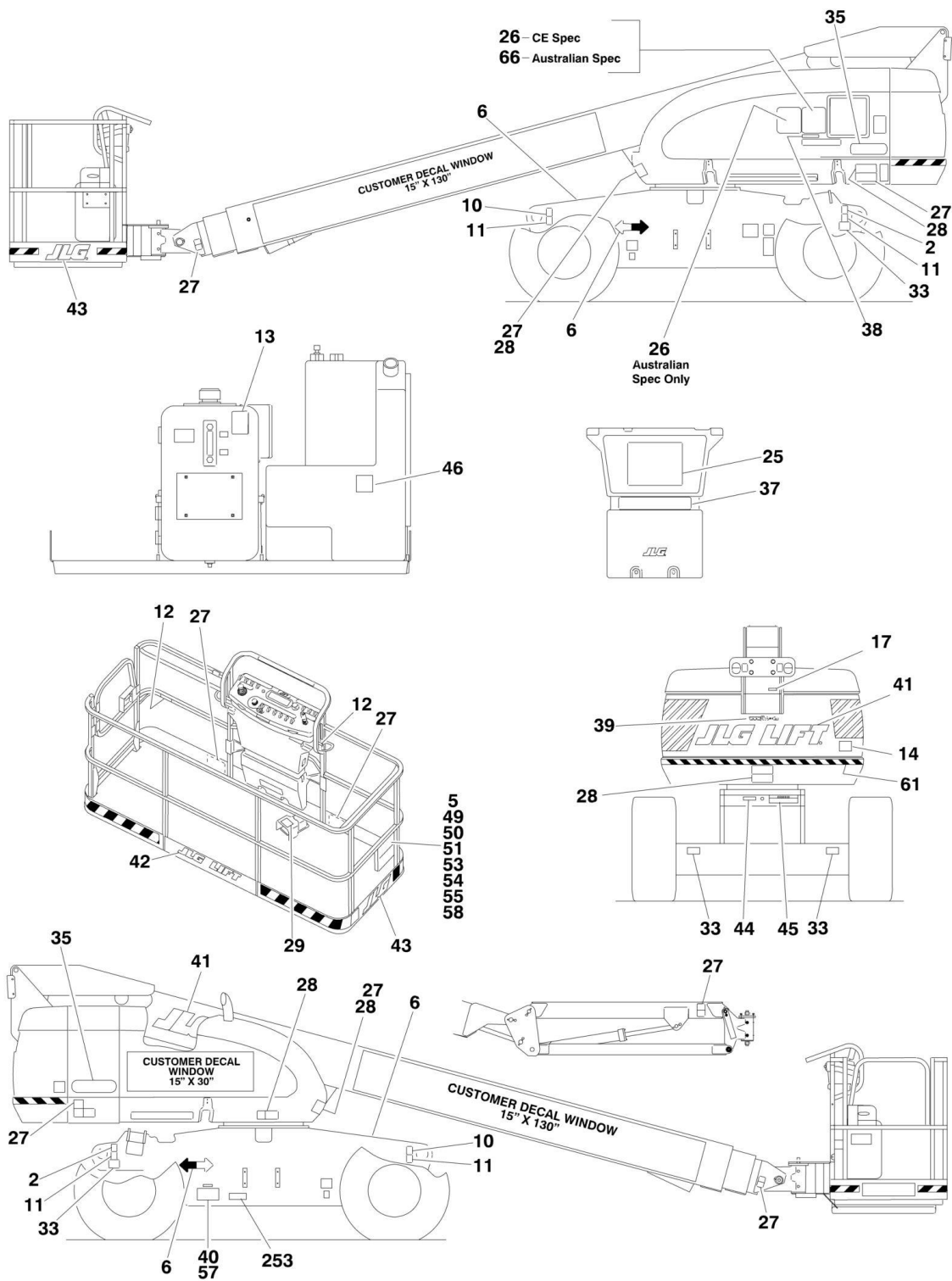


FIGURE 8-3. DECAL INSTALLATION (AUSTRALIAN AND CE SPEC)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	STANDARD DECAL INSTALLATIONS	
	0274093	Ref	Decal - JLG	2
	1001114385	Ref	Standard Decal Installations 600S (Australian Specs)	B
	0273875	Ref	Standard Decal Installations 600S (CE Specs)	C
	1001114387	Ref	Standard Decal Installations 660SJ (Australian Specs)	B
	0273877	Ref	Standard Decal Installations 660SJ (CE Specs)	B
2	1701499	2	Decal - No Tie Down/Lift	
5	1701509	1	Decal - Manual	
6	1701529	4	Decal- Arrow	
10	1703811	2	Decal - Tie Down/Lift	
11	1703814	4	Decal - Tie Down	
12	1704277	3	Decal - Attach Lanyard Here	
13	1704412	1	Decal - Hydraulic Oil	
14	1705084	1	Decal - Sound Power Level	
17		Ref	Nameplate Options:	
17	3251243	1	120V-60Hz	
17	3252507	1	220V-50/60Hz	
25	1705921	1	Decal - Tipping/Electrocution	
26	1705822	1	Decal - Electrocution/Safety Manual	
27	1701518	8	Decal - Warning Crushing	
28	1705961	5	Decal - Electrocution	
29	3255828	1	Nameplate - Footswitch	
30	3251813	1	Decal - USA (CE Spec Machines Only) (Not Shown)	
33		Ref	Decal Kit - Tire Load Options:	
33	2902304	1	Decal Kit - Tire Load 600S Tire Load Decal Kit (Includes Qty 4 of p/n 1703470)	
33	1703470	4	Decal - Tire Load (600S)	
33	2902306	1	Decal Kit - Tire Load 660SJ Tire Load Decal Kit (Includes Qty 4 of p/n 1703472)	
33	1703472	4	Decal - Tire Load (660SJ)	
35		Ref	Decal - Model Options:	
35	1702815	2	Decal - Model 600S	
35	1702817	2	Decal - Model 660SJ	
37	1705978	1	Decal - Capacity	
38	1705978	1	Decal - Capacity	
39	1704885	1	Decal - Website	
40	See Note	1	Nameplate - Serial Number (Note: Not Available for Purchase.)	
41	1702861	3	Decal - JLG Lift (8in)	
42	1702774	1	Decal - JLG Lift (3-1/2in)	
43	1702773	2	Decal - JLG Lift (5in)	
44	3250872	1	Nameplate - Steer/Tow Selection (Machines with Tow Package Only)	
45		Ref	Decal - Tow Instructions Options (Machines with Tow Package Only):	
45	1702305	1	2WD	
45	1703403	1	4WD	
46		Ref	Decal - Fuel	
46	1701542	1	Gas Engine Machines	
46	1701505	1	Diesel Engine Machines	
49	0100011	AR	Compound, Locking	

SECTION 8 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
50	0641406	4	Bolt 1/4in-20NC x 3/4in	
51	0641408	1	Bolt 1/4in-20NC x 1in	
53	0860520	1	Box, Manual Storage	
54	1060279	1	Cable, Lanyard	
55	3311405	5	Locknut 1/4in-20NC	
57	3820001	4	Rivet	
58	4751400	10	Flatwasher 1/4in	
61	4420051	18 ft/5.3m	Decal - Warning Stripe	
66	1001112551	1	Decal - Emergency Controls (Australian Spec Only)	
253	1001143852	1	Decal - Emissions Compliance (All Specs except CSA Spec)	
		Ref	Decal Kit Options:	
	2902303	1	Master Decal Kit (Includes Items 2 & 5-17)	6
	2902329	1	Australian/CE Spec Decal Kit (Includes Items 19-31)	5

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 9-1. MODEL 600SJ/660SJ STANDARD PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
		Ref	STANDARD PARTS	
	2120210	4	Element Filter	
	2120149	4	Element, Filter	
	7012944	1	Coil	
	7012943	1	Coil	
	7018991	1	Coil	
	70000582	1	Coil	
	7012772	1	Coil	
	4360436	1	Switch, Fuel Level	
	7024444	1	Breather, Hydraulic Tank	
	4360517	1	Switch, Proximity	
	3740049	1	Relay	
	4360328	1	Switch, Toggle	
	2860030	1	Key, Replacement	
	4360475	1	Switch, Mushroom	
	4360476	1	Switch, Contact Block	
	4360330	1	Switch, Toggle	
	4360331	1	Switch, Toggle	
	4360407	1	Controller, Speed	
	4360387	1	Switch, Push Button	
	1001129555	1	Controller (Lift and Swing)	
	1001118416	1	Controller (Drive and Steer)	
	2400065	2	Fuse, 30Amp	
	3990010	2	Diode	
	8229242	2	Fuse, 5Amp	
	80983191	2	Fuse, 10Amp	

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 9-2. MODEL 600SJ/660SJ VARIABLE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
		Ref	VARIABLE PARTS	
	7016331	1 Dozen	Filter, Oil (Deutz Engine Machines)	
	7016328	1 Dozen	Filter, Fuel (Deutz D2011 Engine Machines)	
	7026608	1	Relay (Deutz D2011 Engine Machines)	
	7027795	1	Module, Control (Deutz D2011 Engine Machines)	
	70003783	1 Dozen	Element, Air Cleaner (Deutz D2011 Engine Machines)	
	3740067	1	Relay (Deutz D2011 Engine Machines)	
	70025153	1 Dozen	Filter, Fuel (Deutz DT2.9L4 Engine Machines)	
	70025161	1 Dozen	Filter, Fuel (Deutz DT2.9L4 Engine Machines)	
	3740067	1	Relay (Deutz DT2.9L4 Engine Machines)	
	1001117308	1	Relay (Deutz DT2.9L4 Engine Machines)	
	1001138228	1	Relay (Deutz DT2.9L4 Engine Machines)	
	70025210	1	Module, Control (Deutz DT2.9L4 Engine Machines)	
	91403102	1 Dozen	Element, Air Cleaner (Deutz DT2.9L4 Engine Machines)	
	7027972	1 Dozen	Filter, Fuel (GM Engine Machines)	
	7027965	1 Dozen	Filter, Oil (GM Engine Machines)	
	70002895	1	Module, ECU (GM Engine Machines)	
	70003783	1 Dozen	Element, Air Cleaner (GM Engine Machines)	
	3740067	1	Relay (GM Engine Machines)	
	4360469	1	Switch, Key (All Specs except CE Spec)	
	4360470	1	Switch, Key (CE Spec)	
	1001106938	1	Module, Ground Control (USA Built Machines)	
	1001103667	1	Module, Ground Control (China Built Machines)	
	4360578	1	Switch, Limit	
	4360336	1	Switch, Toggle (Machines with Floodlights)	
	3740080	1	Relay (With SkyPower)	
	4360070	1	Breaker, Circuit (Machines with SkyPower)	
	2400064	2	Fuse - 5 Amp (Machines with SkyPower)	
	4360506	1	Switch, Proximity (Australian and CE Specs Only)	
	70002005	1	Power Track Repair Section (600S)	
	70002007	1	Power Track Repair Section (660SJ)	
	2940074	1	Latch (Platform with Gate)	
	1001106355	1	Module, Platform Control	
	4360336	1	Switch, Toggle (Machines with Dual Fuel)	
	4360522	1	Switch, Toggle (Machines with Headlights/Chassis Worklights)	
	4360232	1	Breaker, Circuit (Machines with Platform Floodlights)	
	4360057	1	Switch, Limit (Machines with Soft Touch Option)	
	2400070	2	Fuse (Machines with Platform Worklights)	

SECTION 10 - SPECIAL OPTIONS

SECTION 10 - SPECIAL OPTIONS

FIGURE 10-1. SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	MISCELLANEOUS SPECIAL OPTIONS	
		Ref	Airline to Platform Installation Options:	
		Ref	USA Built Machines:	
	0255388	Ref	1/2in 600S	
	0255389	Ref	1/2in 660SJ	
	1001093286	Ref	1/2in - 600S (Arctic Package Only)	
	0275341	Ref	1/2in - 660SJ (Arctic Package Only)	
	1001102674	Ref	Dual 1/2in 600S	
		Ref	China Built Machines:	
	0255388	Ref	1/2in 600S	
	0255389	Ref	1/2in 660SJ	
		Ref	Boom Wipers Installations	
	0256273	Ref	Bristle Brush Design	
	1001121605	Ref	Rubber Squeegee Design	
	1001121554	Ref	Cable Protection Installation (Shipyards Spec Machines Only)	
		Ref	ClearSky Telematics (Factory Installed)	
		Ref	Note: Refer to ClearSky (Telematics) Manual p/n 3128499 for Service Parts.	
	Not Available	Ref	Machines with ABS Hoods	
		Ref	Machines with Steel Hoods	
	1001118963	Ref	ANSI Spec	
	1001134103	Ref	Australian Specs	
	1001127087	Ref	Brazil and New Zealand Specs	
	1001118964	Ref	CSA Spec	
		Ref	ClearSky Telematics Kit (Dealer Installed)	
	1001119939	Ref	ANSI Spec	
	1001139151	Ref	Australian Spec	
	1001119947	Ref	CSA Spec	
		Ref	Cold Weather Package Installation Options:	
		Ref	USA Built Machines:	
	1001152324	Ref	Deutz D2011 Engine Machines	
	1001151900	Ref	Deutz DT2.9L4 Engine Machines	
	0275262	Ref	GM Engine Machines	
		Ref	China Built Machines:	
	1001152324	Ref	Deutz D2011 Engine Machines	
	1001152960	Ref	Counterweight for Chassis (Required for Turf/Sand Tires)	
	1001115918	Ref	Cribbing Installation	
		Ref	Cylinder Bellows Installations	
	0255929	Ref	Boom Bellows Installation (600S)	
	0255930	Ref	Boom Bellows Installation (660SJ)	
	1001151379	Ref	Frame Bellows Installation (2WS)	
	1001151380	Ref	Frame Bellows Installation (4WS)	
	0274233	Ref	Davco Fuel Filter (Diesel Engines Only) (ANSI Export, Australian, CE and Japanese Specs)	
		Ref	Decal Installations Options:	

SECTION 10 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	USA Built Machines:	
	1702788	1	Biodegradable Hydraulic Fluid Decal	
	1703479	1	Biodegradable Hydraulic Fluid (German Language)	
	1704174	1	Biodegradable (Synthetic) Hydraulic Fluid Decal	
	1704175	1	Biodegradable (Synthetic) Hydraulic Fluid (German Language)	
	1001120992	Ref	ClearSky (ANSI Spec) (ANSI, ANSI Export, Australian, Brazilian and CSA Specs Only)	
	0274455	Ref	FedEx Decal Installation (ANSI/CSA/CE Specs)	
	0257195	Ref	Government Warranty Decal Installation	
	0274528	Ref	Head and Engquist Equipment L.L.C (H and E) Decals Installation (ANSI Spec)	
	1001128985	Ref	Hertz Decals Installation (ANSI/CSA Specs)	
	1001143076	Ref	Hewitt The Rental Store Decals Installation (English Language) (ANSI and CSA Specs)	
	1001143511	Ref	Hewitt The Rental Store Decals Installation (French Language) (ANSI and CSA Specs)	
	1001140624	Ref	Leavitt Decal Installation	
	0274243	Ref	National Equipment Services (NES) Decals Installation (ANSI/CSA Specs)	
	1702868	Ref	No Hands Decal - ANSI Spec (Platform With Mesh to Top Rail)	
	1705968	Ref	No Hands Decal - Chinese (Simplified) (Platform With Mesh to Top Rail)	
	1001116846	Ref	No Hands Decal - Chinese (Traditional) (Platform With Mesh to Top Rail)	
	1704000	Ref	No Hands Decal - CSA (Platform With Mesh to Top Rail)	
	1704001	Ref	No Hands Decal - Spanish (Platform With Mesh to Top Rail)	
	1705969	Ref	No Hands Decal - Korean (Platform With Mesh to Top Rail)	
	1705967	Ref	No Hands Decal - Portugese (Platform With Mesh to Top Rail)	
	0256487	Ref	Prop 65 Warning Decal Installation (Deutz Engine Machines) (California Spec)	
	0256488	Ref	Prop 65 Warning Decal Installation (GM Engine Machines) (California Spec)	
	1001095383	Ref	RSC Decals Installation (ANSI Spec)	
	0273687	Ref	SkyAir Decal Installation (ANSI/ANSI Export/CSA Specs)	
	0272599	Ref	SkyCutter Decal Installation (ANSI/ANSI Export/CSA Specs)	
	0272418	Ref	SkyGlazier Decal Installation (ANSI/Brazilian/CSA/Latin American/Australian Specs Model 600S Only)	
	0272435	Ref	SkyPower Decal Installation (60Hz)	
	0272589	Ref	SkyPower Decal Installation (50Hz)	
	0272448	Ref	SkyWelder Decal Installation (ANSI/ANSI Export/CSA Specs)	
	0272588	Ref	SkyWelder Decal Installation (Brazilian/Japanese/Latin American Specs)	
	0271107	Ref	Sunbelt Decals Installation (ANSI/CSA Specs)	
	0272312	Ref	Tire Sealant Decal Installation	
	1001151066	Ref	Titan Rentals Decal Installation (ANSI/CSA Specs)	
	0271893	Ref	United Rentals Decals Installations (ANSI/CSA Specs)	
	1001098291	Ref	UPS Decals Installations (ANSI/CSA Specs)	
	1001141470	Ref	Volvo Rents Decals Installation	
		Ref	China Built Machines:	
	1704174	1	Biodegradable (Synthetic) Hydraulic Fluid Decal	
	1705968	Ref	No Hands Decal - Chinese (Simplified) (Platform With Mesh to Top Rail)	
	1001116846	Ref	No Hands Decal - Chinese (Traditional) (Platform With Mesh to Top Rail)	

SECTION 10 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1705969	Ref	No Hands Decal - Korean (Platform With Mesh to Top Rail)	
	1702868	Ref	No Hands Decal - ANSI Export Spec (Platform With Mesh to Top Rail)	
	0272599	Ref	SkyCutter Decal Installation (ANSI Export Spec)	
	0272607	Ref	SkyCutter Decal Installation (Japanese Spec)	
	0272418	Ref	SkyGlazier Decal Installation (Australian Spec Model)	
	0272435	Ref	SkyPower Decal Installation (60Hz)	
	0272589	Ref	SkyPower Decal Installation (50Hz)	
	0272448	Ref	SkyWelder Decal Installation (ANSI Export and Japanese Specs)	
	0272588	Ref	SkyWelder Decal Installation (ANSI Export/Australian and Japanese Specs)	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp/Tyco Electrical Connector Kit	
	1001148903	Ref	Deutsch DT Electrical Connector Kit	
	1001148904	Ref	Deutsch HD Electrical Connector Kit	
	1001148905	Ref	Packard Electrical Connector Kit	
	1001148906	Ref	Various Electrical Connectors Kit	
		Ref	Engine Block Heater Installations:	
	0274227	Ref	Deutz Engine Machines	
	0275261	Ref	GM Engine Machines	
		Ref	Fan Cover Installations:	
	1001093389	Ref	Deutz D2011 Engine Machines	
	1001149126	Ref	Deutz DT2.9L4 Engine Machines	
	1001093389	Ref	GM Engine Machines	
		Ref	Filter Kits:	
		Ref	Combined Filter Kit (Hydraulic/Air and Fuel/Engine Oil)	
	1001166960	1	Deutz D2011 Engines	
	See Note	1	Deutz TD2.9L4 Engines (Note: Not Available)	
	1001114127	1	GM Engines (was p/n 1001114037)	
	1001167020	1	Hydraulic/Air Filter (was p/n 1001114132)	
	1001110133	1	Fuel/Engine Oil Filter (Deutz D2011Engines Only)	
	1001139099	Ref	Fire Extinguisher installation (Platform Mounted)	
	1001121554	Ref	Fire Protection For Hoses and Cables (Shipyard Spec Machines Only)	
		Ref	Fluids	
		Ref	Coolant, Antifreeze (GM Engine Machines)	
	2300004	Ref	Machines without Arctic Package	
	2300041	Ref	Machines with Arctic Package	
	3020021	Ref	Engine Coupling Grease	
		Ref	Engine Oil	
	3020016	Ref	Motor Oil (Deutz Engine Machines without Arctic Package)	
	3020044	Ref	Motor Oil (Deutz Engine Machines with Arctic Package)	
	1001115930	Ref	Motor Oil 10W-30 (GM Engine Machines without Arctic Package)	
	1001115931	Ref	Motor Oil 5W-30 Synthetic (GM Engine Machines with Arctic Package)	
		Ref	Grease, Bearing Options:	
	3020029	Ref	Grease, Bearing (Turntable)	
	3020017	Ref	Grease, Bearing (2WD Spindles)	
		Ref	Hydraulic Fluids:	
	2300014	Ref	Mobil 424	
	2300027	Ref	Mobil 224H Bio	

SECTION 10 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	2300029	Ref	Mobil EAL ISO 46 Bio	
	2300016	Ref	Mobil DTE 10 EXCEL 32	
	2300019	Ref	Quaker State Quintolubric 888-46 Fire Resistant	
	2300039	Ref	Exxon Univis Hvl 26 (Machines with Arctic Package)	
		Ref	Footswitch Shield (Note: Move Decal to Shield)	
	1001117294	Ref	USA Built Machines	
	3380652	Ref	China Built Machines	
		Ref	Generator Installation (2500W Powermite)	
		Ref	Deutz D2011 Engine Machines (Note: 2500W Generator Only Available on Deutz D2011 Engines.)	
	1001115405	Ref	110V - 60Hz (All Specs except CE Specs)	
	1001115409	Ref	220V - 50Hz (ANSI Export, Australian, Brazilian CE and Latin American Specs)	
		Ref	GM Engine Machines	
	0275039	Ref	110V - 60Hz (ANSI, ANSI Export, CSA and Latin American Specs)	
	See Note	Ref	Generator Installation (7500W SkyPower) (Note: See Sky Accessories)	
		Ref	Hood (Steel) Replacement Kit	
	1001126286	Ref	Deutz Engine Machines	
	1001126287	Ref	GM Engine Machines	
		Ref	Hostile (Extreme) Environment Options:	
	1001151153	Ref	2WS	
	1001151154	Ref	4WS	
	1001094475	Ref	Hourmeter for Generator Installation	
	1001148971	Ref	Lanyard (Bolt-On) Kit Installation	
		Ref	Loop Flushing Installations (Requires Oil Cooler Installation)	
	1001150568	Ref	2WD	
	1001150567	Ref	4WD	
		Ref	Oil Cooler Installations (Requires Loop Flushing Installation)	
	1001151282	Ref	Deutz D2011 Engine Machines	
	1001142677	Ref	Deutz TD2.9L4 Engine Machines	
	0272041	Ref	GM Engine Machines	
		Ref	Pipe Rack Installation	
	0257728	Ref	ANSI and CSA Specs	
	0274661	Ref	Australian Specs	
	1001110982	Ref	Platform Bumpers Installation (Shipyard Spec Machines)	
		Ref	Platform Console Cover Installations	
	0258703	Ref	Flat Cover	
	1001110974	Ref	Curved Cover (All Specs except Chines and Korean Specs)	
	1001125229	Ref	Curved Cover (Korean Spec)	
	1001125230	Ref	Curved Cover (Chinese Spec)	
		Ref	Platform Entry Kit	
	1001142504	Ref	Kit, Replace Swing Gate with Drop Bar	
	1001142505	Ref	Kit, Replace Drop Bar with Swing Gate	
		Ref	Platform Extension (Top Rail)	
	0272733	Ref	36in x 72in Platforms	
	0272725	Ref	36in x 96in Platforms	
		Ref	Platform Mesh to Mid Rail Installation (Side-Entry)	
	1001140318	Ref	30in x 48in Platform	
	1001140315	Ref	30in x 60in Platform	
	1001138772	Ref	36in x 72in Platform	

SECTION 10 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001138773	Ref	36in x 96in Platform	
		Ref	Platform Mesh to Top Rail Installation (Side-Entry)	
	0273147	Ref	30in x 48in Platform	
	0273146	Ref	30in x 60in Platform	
	0273149	Ref	36in x 72in Platform	
	0273145	Ref	36in x 96in Platform	
	1001149730	Ref	Platform Mid Rail Repair Kit	
	1001159121	Ref	Receptacle(240V GFCI) Installation (Deutz TD2.9L4 Engines Only)	
	1001100151	Ref	Security Lock (Programmable) Installation	
		Ref	Sky Accessories:	
		Ref	Note: For Breakdown of Sky Accessories Refer to Accessory Manual p/n 3124242.	
		Ref	USA Built Machines:	
	0273450	Ref	SkyAir Compressor (ANSI/ANSI Export/CSA Specs)	
	1001098149	Ref	SkyCutter Plasma Cutter (ANSI, ANSI Export and CSA Specs)	
	0273353	Ref	SkyCutter/Sky Welder Combo (ANSI, ANSI Export and CSA Specs)	
	1001101422	Ref	SkyGlazier (600S & 660SJ ANSI/CSA Specs Only)	
	1001102647	Ref	SkyGlazier (600S Australian Spec)	
	1001099422	Ref	SkyGlazier (600S Brazilian Spec Only)	
	1001099421	Ref	SkyGlazier (600S Latin America Spec Only)	
	1001139952	Ref	SkyPower Generator - 4000W 60Hz (Deutz D2011Engine Machines) (ANSI Export and Japanese Specs)	
	1001139953	Ref	SkyPower Generator - 4000W 50Hz (Deutz D2011Engine Machines) (ANSI Export, CE, Australian and Japanese Specs)	
	1001139960	Ref	SkyPower Generator - 4000W 60Hz (GM) (ANSI, ANSI Export and CSA Specs)	
	1001115387	Ref	SkyPower Generator - 7500W 60Hz (Deutz D2011) (ANSI, ANSI Export , CSA and Japanese Specs)	
	1001141421	Ref	SkyPower Generator - 7500W 60Hz (Deutz TD2.9L4) (ANSI, ANSI Export , CSA and Japanese Specs)	
	1001115389	Ref	SkyPower Generator - 7500W 50Hz (Deutz D2011) (ANSI Export, Australian and CE Specs)	
	0275257	Ref	SkyPower Generator - 7500W 60Hz (GM) (ANSI, ANSI Export and CSA Specs)	
	0272254	Ref	SkyWelder (ANSI/ANSI Export/CSA Specs)	
	0272521	Ref	SkyWelder (Australian, Brazilian, CE, Japanese, and Latin American Specs)	
		Ref	China Built Machines:	
	0273450	Ref	SkyAir Compressor (ANSI Export and Japanese Specs)	
	0273353	Ref	SkyCutter/Sky Welder Combo (ANSI Export and Japanese Specs)	
	1001102647	Ref	SkyGlazier (600S Australian Spec)	
	0272254	Ref	SkyWelder (ANSI Export and Japanese Specs)	
	1001115387	Ref	SkyPower Generator - 7500W 60Hz (Deutz D2011) (ANSI Export and Japanese Specs)	
	1001115389	Ref	SkyPower Generator - 7500W 50Hz (Deutz D2011) (ANSI Export, Australian and Japanese Specs)	
	0272521	Ref	SkyWelder (ANSI Export, Australian and Japanese Specs)	
	1001110926	Ref	Soft Touch (Overhead) Installation (ANSI Export Specs Only)	
		Ref	Strobe Light Installations (Amber)	
	1001152965	Ref	Platform Mounted	
	1001154231	Ref	Platform/Ground Mounted	

SECTION 10 - SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Tools for Service	
	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	
	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 Faster (For Small Huck Bolts Only)	
	1001137005	1	Software Cable Kit	
		Ref	Weld Leads to Platform Installation Options:	
	0255399	Ref	Weld Leads to Platform Installation 600S	
	0255895	Ref	Weld Leads to Platform Installation 660SJ	
	0273449	Ref	Wheel Cover Installation	

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