



Illustrated Parts Manual

Model
3369electric
3969electric

3120882

May 31, 2013



An Oshkosh Corporation Company

REVISION LOG

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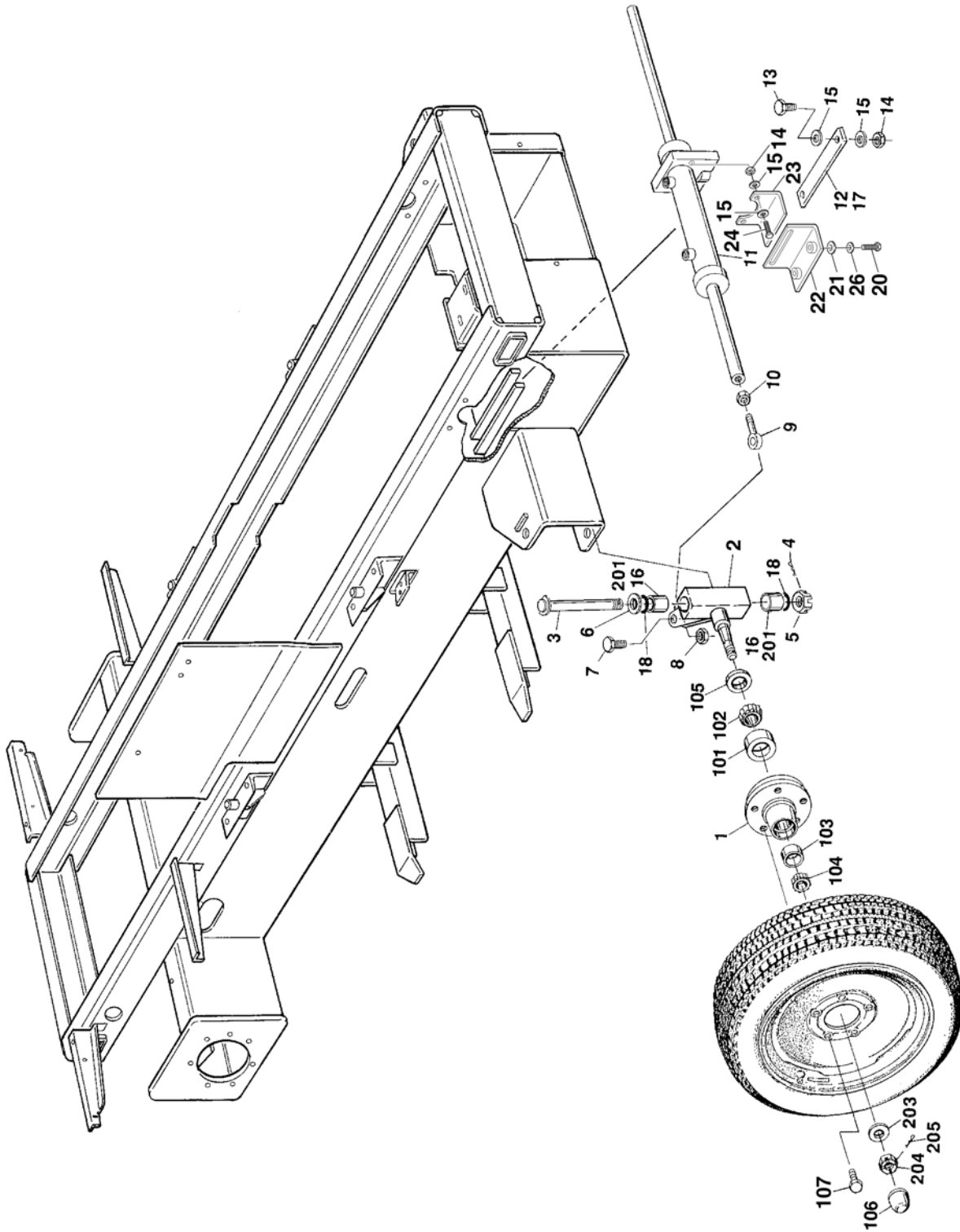
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FIGURE 1-1. FRAME AND STEERING INSTALLATION



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FIGURE 1-1. FRAME AND STEERING INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		FRAME AND STEERING INSTALLATION	Ref.	
	2360370	Frame Weldment	1	
		STEERING AND SPINDLES INSTALLATION		
	0252243	Steering and Spindles - Standard	Ref.	8
1	2780186	Hub Assembly (Includes Items 101-106)	2	
2	4130286	Spindle	2	
3	3421988	Kingpin	2	
4	3450810	Pin, Cotter 1/4" x 2 1/2"	2	
5	3313003	Nut, Slotted 1 1/4" - 7NC	2	
6	0440162	Washer, Thrust	2	
7	0642016	Bolt 5/8"-18NC x 2"	2	
8	3312005	Locknut 5/8"-18NC	2	
9	3841146	Rod-End	2	
10	3322002	Nut, Jam 5/8"-18NC	2	
11	Use 1683695	Steer Cylinder Assembly (See Section 5 for Breakdown) (Prior to S/N 47596) (was p/n 1682527)	1	
	1683695	Steer Cylinder Assembly (See Section 5 for Breakdown) (S/N 47596 to Present)	1	
12	3340644	Pad, Wear	1	
13	0641510	Bolt 5/8"-18NC x 1 1/4"	2	
14	3311505	Locknut 5/8"-18NC	4	
15	4751500	Flatwasher 5/16"	8	
16	3020022	Grease	A/R	
17	4070809	Shim	A/R	
18	3780182	O-Ring	4	
19	0630016	Bolt, Wheel (5 Per Hub)	10	
20	0641608	Bolt 3/8"-16NC x 1" (S/N 80825 to Present)	2	
21	4740453	Flatwasher 3/8" (S/N 80825 to Present)	2	
22	0182002	Angle (S/N 80825 to Present)	1	
23	0182000	Angle (S/N 80825 to Present)	1	
24	0641514	Bolt 5/16"-18NC x 1 3/4" (S/N 80825 to Present)	2	
25	0100019	Loctite (Not Shown) (S/N 80825 to Present)	A/R	
26	4711600	Flatwasher 3/8" (Narrow) (S/N 82838 to Present)	2	
		HUB ASSEMBLIES	Ref.	
	2780186	Original Equipment	Ref.	C
	1001139010	Service Replacement	Ref.	A
		Note: Original Equipment components may have been replaced with Service Replacement components, Identify hub by bolts or studs before ordering parts.		
101	Kit	Cup, Bearing - Inner (1 Per Hub)	2	
102	Kit	Cone, Bearing - Inner (1 Per Hub)	2	
103	Kit	Cup, Bearing - Outer (1 Per Hub)	2	
104	Kit	Cone, Bearing - Outer (1 Per Hub)	2	
105	Kit	Seal (1 Per Hub)	2	

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

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
106	Use 1001102354	Cap, Dust (1 Per Hub) (was p/n 7012524)	2	
107	0630016 7016360 3300407	Hardware Options (5 Per Spindle): Bolt, Wheel 1/2in x 20NF(Hub Assembly - 2780186) Stud, Wheel 1/2in x 20NF (Hub Assembly - 1001139010) Nut, Wheel 1/2in x 20NF (Hub Assembly - 1001139010)	10	
	2900804	----- Bearing & Seal Kit (Includes Qty 1 Items 101-105) (1 Per Hub) (Hub Assemblies 2780186 & 1001139010)	2	
	4130286	SPINDLE WELDMENT - STANDARD	Ref.	A
201	0961621	Bushing, Bronze (2 Per Spindle)	2	
202	Not Used			
203	7012542	Washer (1 Per Spindle)	2	

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

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

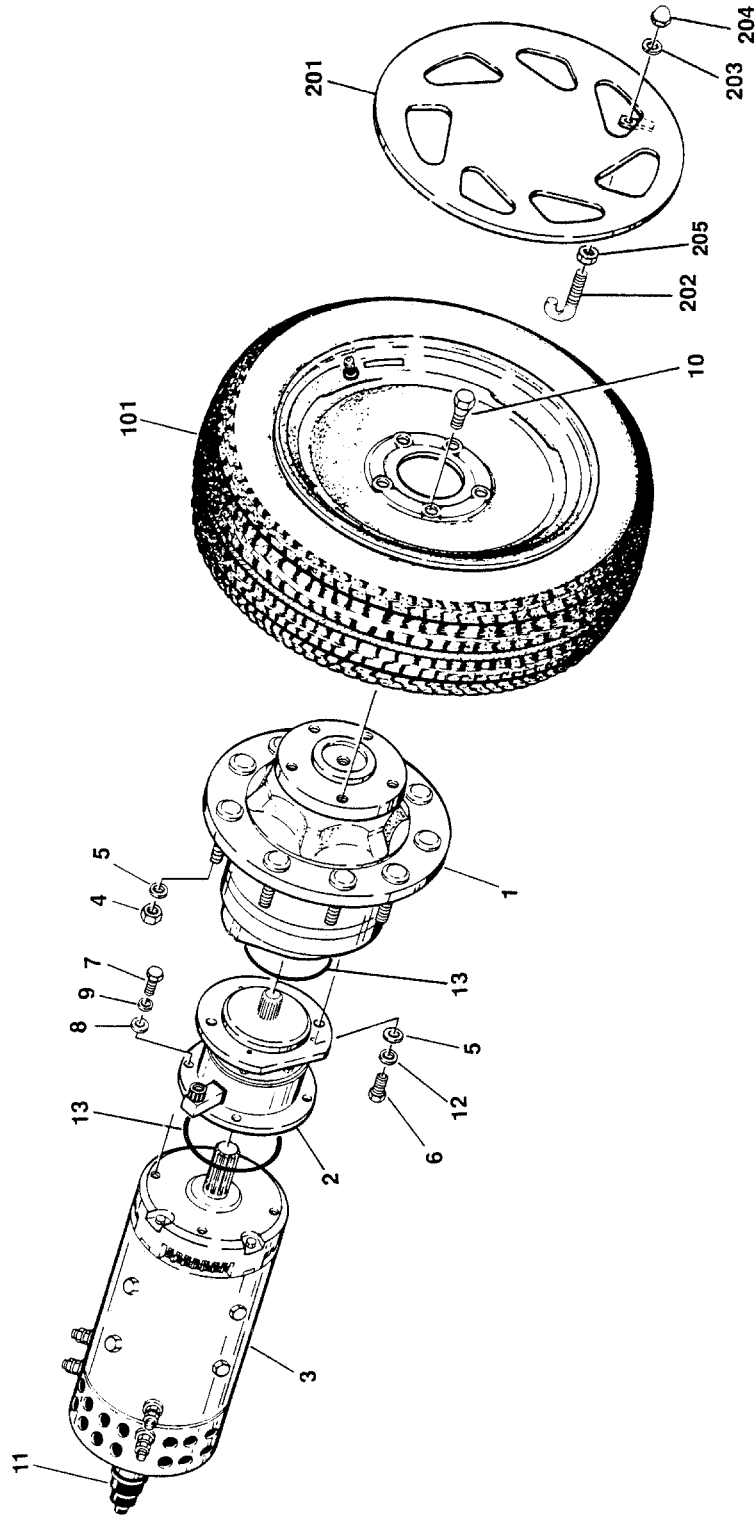
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FIGURE 1-2. TIRE AND WHEEL DRIVE INSTALLATION



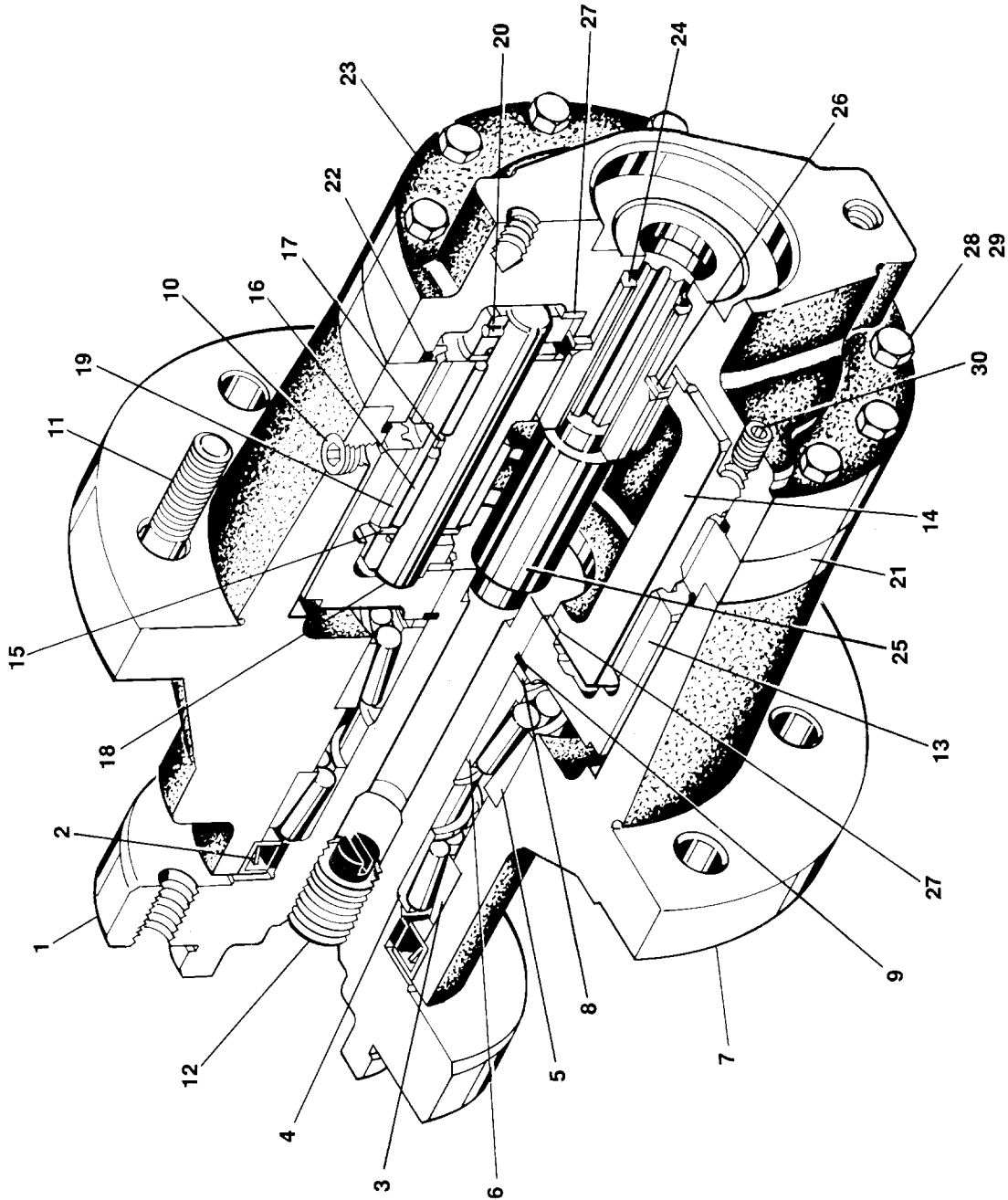
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FIGURE 1-2. TIRE AND WHEEL DRIVE INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0255203	WHEEL DRIVE INSTALLATION	Ref.	8
1	2780204	Drive Hub Assembly (See Figure 1-3 for Breakdown)	2	
2	0920090	Drive Brake Assembly (See Figure 1-4 for Breakdown)	2	
3	3160186	Drive Motor Assembly	2	
	2900811	Repair Kit (Includes All Bearings, Brushes, Springs and Wavy Washer (1 Per Motor)	2	
	7012546	Field Coil Kit (1 Per Motor)	2	
	7019609	Head Band Assembly (1 Per Motor)	2	
4	3321805	Locknut 1/2"-20NF	18	
5	4711800	Flatwasher 1/2" Narrow	22	
6	0641811	Bolt 1/2"-13NC x 1 3/8"	4	
7	0641608	Bolt 3/8"-16NC x 1"	8	
8	4711600	Flatwasher 3/8" Narrow	8	
9	4761600	Lockwasher 3/16"	8	
10	0630016	Bolt, Wheel	10	
11	3990053	Sensor, Tach Drive	2	
	7012609	Boot	2	
12	4761800	Lockwasher 1/2"	4	
13	3790240	O-Ring	2	
		TIRE AND WHEEL INSTALLATION OPTIONS:		
101	0252430	Tire And Wheel Assembly (Foam-Filled) (Sold as an Assembly)	4	
	4520151	Tire And Wheel Assembly (Non-Marking Optional) (Sold as an Assembly)	4	
	0252754	HUBCAP INSTALLATION (OPTIONAL)	Ref.	B
201	1670633	Hubcap (Prior to S/N 27282)	4	
	1670806	Hubcap (S/N 27282 to Present)	4	
202	0630455	J-Bolt 5/16"-18NC	8	
203	4761500	Lockwasher 5/16"	8	
204	3300356	Nut, Acorn 5/16"-18NC	8	
205	3311501	Nut 5/16"-18NC	8	

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FIGURE 1-3. DRIVE HUB ASSEMBLY



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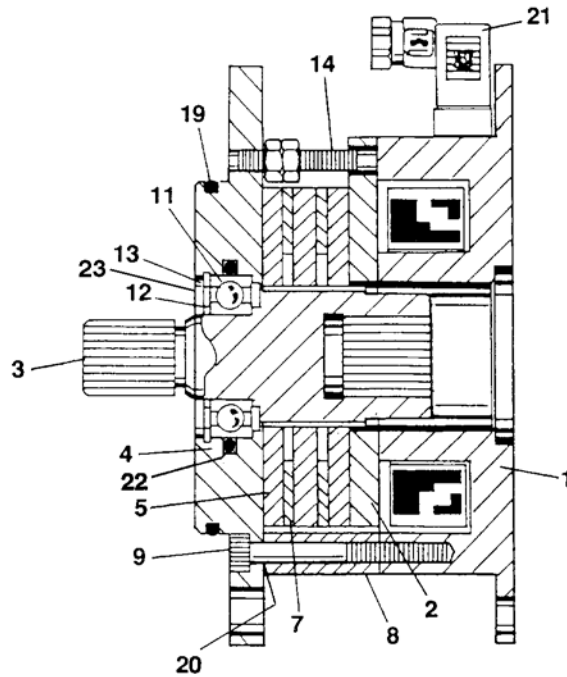
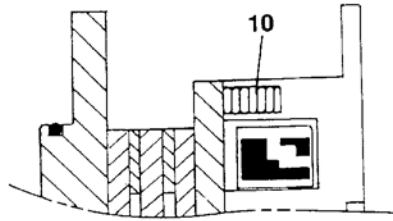
FIGURE 1-3. DRIVE HUB ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	2780204	DRIVE HUB ASSEMBLY	Ref.	B
		Hub-Shaft Assembly	1	
1	7010487	Spindle	1	
2	Kit	Seal, Lip	1	
3	7000255	Cup, Bearing (Outer)	1	
4	7000256	Cone, Bearing (Outer)	1	
5	7000257	Cup, Bearing (Inner)	1	
6	7000258	Cone, Bearing (Inner)	1	
7	7000259	Housing	1	
8	Kit	Washer, Thrust	1	
9	Kit	Ring, Retaining	1	
10	7000242	Plug, Pipe - 1/4"NPTF	2	
11	7000241	Stud, Wheel 1/2"-20NF	9	
12	7001952	Plug, Pipe - 3/4"NPTF	1	
13	7000246	Gear, Internal	1	
		Carrier Assembly	1	
14	7001931	Carrier	1	
15	7001985	Washer, Tanged Thrust	6	
16	7001909	Bearing, Needle	96	
17	7000263	Spacer, Thrust	3	
18	7001911	Shaft, Planet	3	
19	7001987	Gear, Cluster	3	
20	7010474	Rollpin	3	
21	7001988	Gear, Ring	1	
22	Kit	O-Ring	2	
23	7000209	Cover, Input	1	
24	7010488	Gear, Sun	1	
25	7000269	Spacer, Input	1	
26	7000270	Washer, Thrust	1	
27	7000253	Washer, Thrust	2	
28	7000217	Bolt, Hex	8	
29	7000214	Bolt, Shoulder	4	
30	7000242	Plug, Pipe - 1/4"NPTF	1	
	2900034	Seal Kit (Includes Items 2,8,9, and 22)	1	

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FIGURE 1-4. DRIVE BRAKE ASSEMBLY



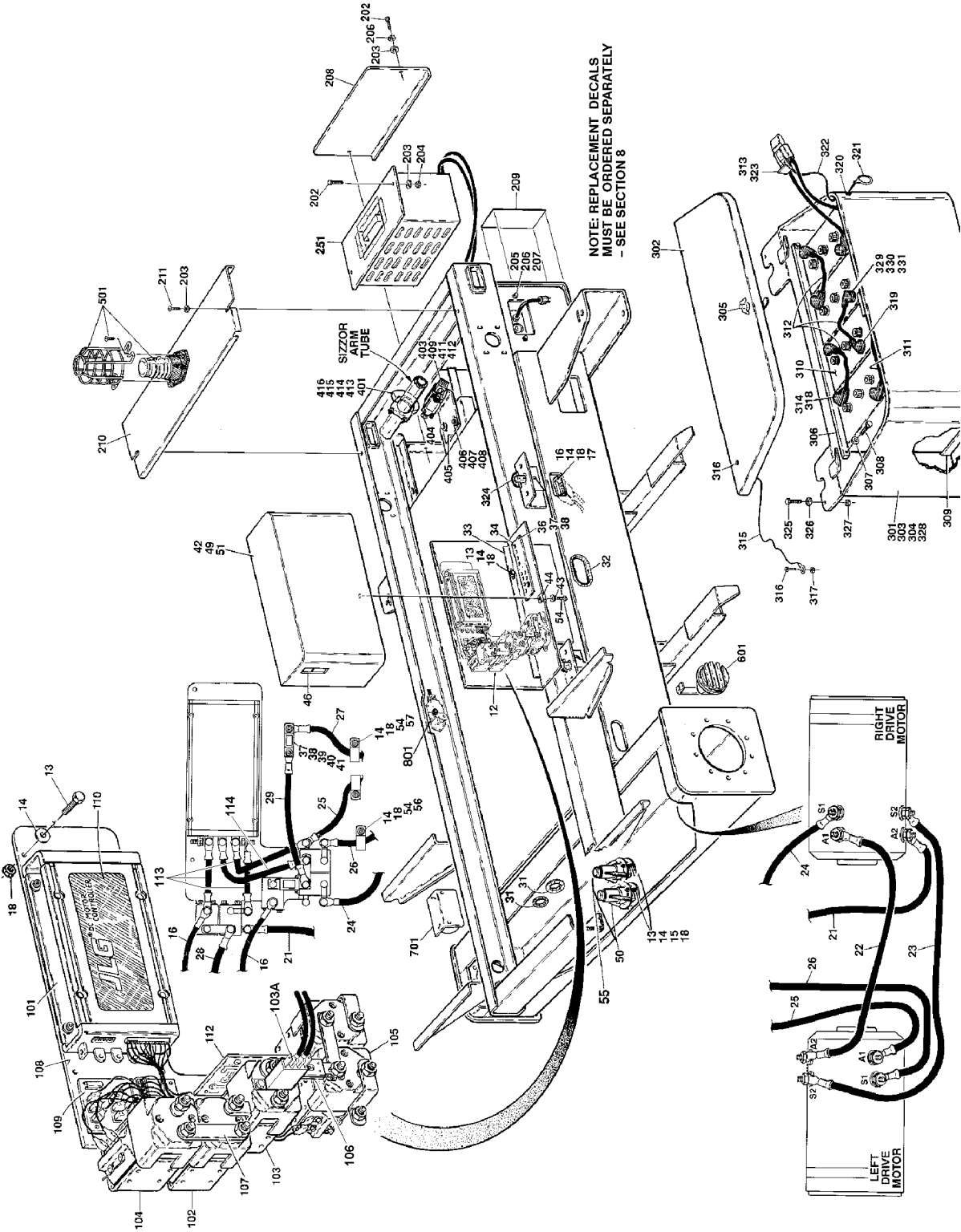
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FIGURE 1-4. DRIVE BRAKE ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0920090	DRIVE BRAKE ASSEMBLY	Ref.	A
1	7012552	Magnet and Coil Assembly	1	
2	7012582	Armature	1	
3	7012554	Shaft	1	
4	Not Available	Plate, Mounting	1	
5	Kit	Plate, Friction (Solid)	3	
6	Not Used			
7	Kit	Plate, Outer	2	
8	7012692	Spacer	3	
9	7014116	Bolt, Metric Socket Head	3	
10	Kit	Spring, Compression	8	
11	7026609	Bearing, Ball	1	
12	7014129	Ring, Retainer (External)	1	
13	7014130	Ring, Retainer (Internal)	1	
14	7012689	Manual Release Assembly	3	
15	Not Used			
16	Not Used			
17	Not Used			
18	Not Used			
19	3790240	O-Ring	1	
20	7012691	Shim	A/R	
21	7012580	Connector, Electrical	1	
22	3790225	O-Ring (January 1995 to Present)	1	
23	7014128	Seal (S/N 73241 to Present)	1	
	7012583	Repair Kit (Includes Items 5,7,10,11, and 22)	1	

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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED)



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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0255203	DRIVE CONTACTOR INSTALLATION	Ref.	8
1 to 11	Not Used			
12	0254549	Contactorm Plate Assembly (Includes Items 101-111 and other diodes,coils, fuse and wiring) (Purchase fuses locally)	1	
13	0641408	Bolt 1/4"-20NC x 1"	11	
14	4711400	Flatwasher 1/4"	20	
15	4761400	Lockwasher 1/4"	7	
16	1060540	Cable Assembly	1	
17	0641416	Bolt 1/4"-20NC x 2"	4	
18	3311405	Locknut 1/4"-20NC	13	
19 to 20	Not Used			
21	1060549	Cable - 105"/267cm	1	
22	1060429	Cable - 39"/99cm	1	
23	1060430	Cable - 36"/91.5cm	1	
24	1060550	Cable - 108"/274cm	1	
25	1060551	Cable - 90"/228cm	1	
26	1060552	Cable - 90"/228cm	1	
27	1060553	Cable - 90"/228cm	1	
28	1060554	Cable - 108"/274cm	1	
29	1060555	Cable - 18"/46cm	1	
30	Not Used			
31	2540023	Grommet	2	
32	4060805	Flex-Trim (Prior to S/N 56587)	15in./38cm	
	4060807	Flex-Trim (S/N 56587 to Present)	15in./38cm	
33		Plate, Mounting Options:	1	
	3537950	Prior to S/N 75352		
	3572196	S/N 75352 to Present		
34	1320216	Clamp, Cable (Prior to S/N 75352)	1	
35	Not Used			
36		Screw Options:	A/R	
	0721006	Screw #10-24NC x 3/4" (Prior to S/N 75352)	7	
	0721008	Screw #10-24NC x 1" (S/N 75352 to Present)	4	
37	4751000	Flatwasher #10	13	
38	3311005	Locknut #10-24NC	6	
39	2400044	Fuseblock	1	
40		Fuse Options:	1	
	2400045	Standard (Prior to S/N 28687)		
	2400053	Standard (S/N 28687 to Present)		
41	0741010	Screw, Countersunk #10-24NC x 1 1/8"	2	
42	4060873	Cover, Controller	1	
43	4751400	Flatwasher 1/4"	1	
44	3300353	Nut, Tinnerman	1	
45	Not Used			
46	2560126	Handle, Pull	1	
47 to 48	Not Used			
49	4420008	Tape, Seal	7ft./2m	

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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
50	4360371	Sensor, Level - 4.5°	1	
	7012608	Fuse - 1.5 Amp (Black Version Only - Not Required on Blue and Orange Versions)	1	
51	1702310	Decal - Cable Rounting	1	
52	Not Used			
53	0100048	Sealant, Silicone RTV (Not Shown)	A/R	
54	0641406	Bolt 1/4"-20NC x 3/4"	4	
55	4360349	Sensor, Level - 2°	1	
56	1320270	Clamp, Cable (S/N 75352 to Present)	2	
57	1320061	Clamp, Cable (S/N 75352 to Present)	2	
	0254549	CONTACTOR PLATE ASSEMBLY	Ref.	
101	7013310-ES	Control Module Assembly	1	
102	7013301	Contactor (Changeover)	1	
	7013316	Tip Repair Kit - 7013301 Contactor	1	
103	7013306	Contactor (Main)	1	
	7013317	Tip Repair Kit - 7013306 Contactor	1	
103A	7013332	Micro Switches Kit - 7013306 Contactor	1	
104	7013303	Contactor (By-Pass)	1	
	7013318	Tip Repair Kit - 7013303 Contactor	1	
105	7013302	Contactor (Forward/Reverse)	1	
	7013319	Tip Repair Kit - 7013302 Contactor	1	
106	7013312	Fuse, Buss - 200 Amp	1	
107	7013336	Bar, Buss	1	
108	Not Serviced	Plate, Mounting	1	
109	7013314	Board, PC	1	
	2400005	Fuse - 20 Amp	1	
	7013322	Fuse - 7 Amp	1	
110	Not Serviced	Decal	1	
111	7013313	Harness (Module to Contactors) (Not Shown)	1	
	7013325	Connector, Electrical - 16 Pin (At PC Board)	1	
	7013326	Connector, Electrical - 17 Pin (At Control Module)	1	
	7013330	Connector, Electrical - 6 Pin (At Contactors)	5	
	7013327	Connector, Electrical - 15 Pin (To JLG Harness)	1	
	7013328	Connector, Electrical - 4 Pin (To JLG Harness)	1	
	7013320	Pin (Use with 7013325 & 7013326 Connectors)	A/R	
	7013329	Socket (Use with 7013327 & 7013328 Connectors)	A/R	
	7013331	Pin (Use with 7013330 Connector)	A/R	
	112	7013315	Resistor/Bracket Assembly	1
113	70003552	Cable, Electrical (8.5in/21.5cm)	3	
114	70003553	Cable, Electrical (10in/25.4cm)	1	

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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BATTERY CHARGER INSTALLATION OPTIONS:	Ref.	
	0254497	Charger - 220VAC/50HZ - (Non UL)	Ref.	B
	0255627	Charger - 220VAC/50HZ - (UL)	Ref.	—
	0255877	Charger - 110VAC/120VAC 50HZ - (Australian Spec)	Ref.	—
	0255204	Charger - 100VAC 50/60HZ - (UK Spec)	Ref.	2
201	Not Used			
202	0641406	Bolt 1/4"-20NC x 3/4"	3	
203	4711400	Flatwasher 1/4" Narrow	5	
204	3311405	Locknut 1/4"-20NC	1	
205	4761400	Lockwasher 1/4"	4	
206	0641408	Bolt 1/4"-20NC x 1"	2	
207	3300181	Nut, Retainer 1/4"-20NC	2	
208	3537637	Cover - Front	1	
209	Not Used			
210	4060871	Cover - Top	1	
211	3900022	Screw, Self-Tapping 1/4"-20NC x 3/4"	2	
212 to 250	Not Used			
251		Battery Charger Options: (See Figure 1-6 for Breakdown)	1	
	0400103	220VAC/50HZ (Non UL)		
	0400137	220VAC/50HZ (UL)		
	0400130	Australian Spec.		
	0400111	UK Spec. (Prior to S/N 43921)		
	0400182	UK Spec. (S/N 43921 to Present)		
		BATTERY BOX INSTALLATION OPTIONS:	Ref.	
	0255087	Standard	Ref.	8
	0254276	HI-Output (Prior to S/N 75765)	Ref.	H
	0258444	HI-Output (S/N 75765 to Present)	Ref.	5
301	4844424	Battery Box Weldment	2	
302	1670696	Cover, Battery Box	2	
303		Cover, Insulator Options:	2	
	Not Required	Standard		
	2820063	HI-Output		
304	0100065	Adhesive (Prior to S/N 36134)	A/R	
305	2940073	Latch	2	
306	4565640	Tube	2	
307	4711500	Flatwasher 5/16"	8	
308	0641512	Bolt 5/16"-18NC x 1 1/2"	4	
309	3000003	Liner, Tray	2	
310		Battery Options:	8	
	0400069	Battery - 6V225 (Wet)		
	0400112	Battery - 6V225 (Dry)		
	0400055	HI-Output Battery - 6V370 (Wet)		
	0400107	HI-Output Battery - 6V370 (Dry)		
311	1060405	Cable Assembly	2	

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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
312	1060561	Cable, Battery (Prior to August 1995)	6	
	1060092	Cable, Battery (August 1995 to Present)	6	
313	0100048	Silicon Compound	A/R	
314	0100051	Grease, Terminal	A/R	
315	1060492	Lanyard	4	
316	0641405	Bolt 1/4"-20NC x 5/8"	8	
317	3311405	Locknut 1/4"-20NC	8	
318	0840031	Boot, Terminal - "d" shape	10	
319	0840032	Boot, Terminal - "b" shape	6	
320		Gromment Options:	2	
	Not Required	Standard		
	2540016	HI-Output		
321		Ring Options:	2	
	Not Required	Standard		
	3760170	HI-Output		
322		Cable, Lanyard Options:	2	
	Not Required	Standard		
	1060491	HI-Output		
323		Handle, Pull Options:	2	
	Not Required	Standard		
	1320172	HI-Output		
324	3421799	Pin, Quick Release	4	
325	0641612	Bolt 3/8"-16NC x 1 1/2"	4	
326	4751600	Flatwasher 3/8"	8	
327	3311605	Locknut 3/8"-16NC	4	
328		Cover, Insulator Options:	4	
	Not Required	Standard		
	1320172	HI-Output		
329	3300429	Nut 5/16"-18NC Stainless	16	
330	4740474	Lockwasher 5/16" Stainless	16	
331	0630526	Bolt 5/16"-18NC x 1 1/4" Stainless	16	
	0255213	DRIVE CUTOUT LIMIT SWITCH INSTALLATION	Ref.	4
401		Cam Options:	1	
	1100085	Cam (Prior to S/N 49916)		
	1100101	Cam (S/N 49916 to Present)		
402	4360300	Switch, Limit	1	
403	0902033	Bracket, Mounting	1	
404	0641408	Bolt 1/4"-20NC x 1"	4	
405	4751400	Flatwasher 1/4"	4	
406	3311405	Locknut 1/4"-20NC	4	
407	4460049	Strain Relief	2	
408		Bolt Options:	4	
	3910832	Bolt #8-32 x 2" (Prior to S/N 49916)		
	3911032	Bolt #10-32 x 2" (S/N 49916 to Present)		
409		Flatwasher Options:	4	
	4750800	Flatwasher #8 (Prior to S/N 49916)		
	4751000	Flatwasher #10 (S/N 49916 to Present)		

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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
410		Lockwasher Options:	4	
	4760800	Lockwasher #8 (Prior to S/N 49916)		
	4761000	Lockwasher #10 (S/N 49916 to Present)		
411		Nut Options:	4	
	3310801	Nut #8-32 (Prior to S/N 49916)		
	3311001	Nut #10-32 (S/N 49916 to Present)		
412 to 416	Not Used			
417	1320237	Clamp (S/N 49916 to Present)	1	
418	4761400	Lockwasher (S/N 49916 to Present)	2	
419	4711400	Flatwasher (Narrow) (S/N 49916 to Present)	2	
420	0100019	Loctite #271 (S/N 49916 to Present)	A/R	
	0254827	BEACON LIGHT INSTALLATION (OPTIONAL)	Ref.	A
501	4060865	Shield, Cage	1	
	2920119	Light, Beacon (Prior to S/N 23604)	1	
	7016319	Bulb, Flash Bulb	1	
	7016320	Lens, Amber	1	
	2920146	Light, Beacon (S/N 23604 to Present)	1	
	7016319	Bulb, Flash Bulb	1	
	7016372	Lens, Amber	1	
	0721006	Screw, Machine #10-24NC x 3/4"	2	
	4751000	Flatwasher #10	4	
	3311005	Locknut #10-24NC	2	
	1060341	Cable, Electrical - 16/2	121in/3m	
	0255047	HORN INSTALLATION	Ref.	3
601	0140028	Horn	1	
	0641508	Bolt 5/16"-18NC x 1" (Prior to S/N 71522)	1	
	3311501	Nut 5/16"-18NC (Prior to S/N 71522)	1	
	4761500	Lockwasher 5/16" (Prior to S/N 71522)	1	
	1060341	Cable, Electrical - 16/2	8ft/2.4m	
	0840026	Boot, Terminal	2	
		ALARMS INSTALLATIONS	Ref.	
	0255046	Descent	Ref.	—
	0255044	Motion	Ref.	A
	0255045	Travel	Ref.	B
701	0140031	Alarm (Remove ground strap before installation)	1	
	0641408	Bolt 1/4"-20NC x 1"	2	
	3311401	Locknut 1/4"-20NC	2	
	4761400	Lockwasher 1/4"	2	
	4711400	Flatwasher 1/4"	4	
	1060341	Cable, Electrical - 16/2	7ft./21m	

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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0252529	OVERLOAD BY-PASS LIMIT SWITCH INSTALLATION (FRENCH SPEC ONLY)	Ref.	6
801	4360277	Switch, Limit	1	
	4360236	Head, Switch	1	
	4360237	Roller	1	
		Connector, Strain Relief Options:	1	
	4460052	Prior to S/N 84815		
	4460428	S/N 84815 to Present		
		Screw Options:	2	
	3900163	Screw #10-24NC x 1 1/2" (Prior to S/N 84815)		
	3901032	Bolt #10-24NC x 2" (S/N 84815 to Present)		
3311005	Locknut #10-24NC (S/N 84815 to Present)	2		

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FIGURE 1-5. ELECTRICAL COMPONENTS INSTALLATIONS (FRAME MOUNTED) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

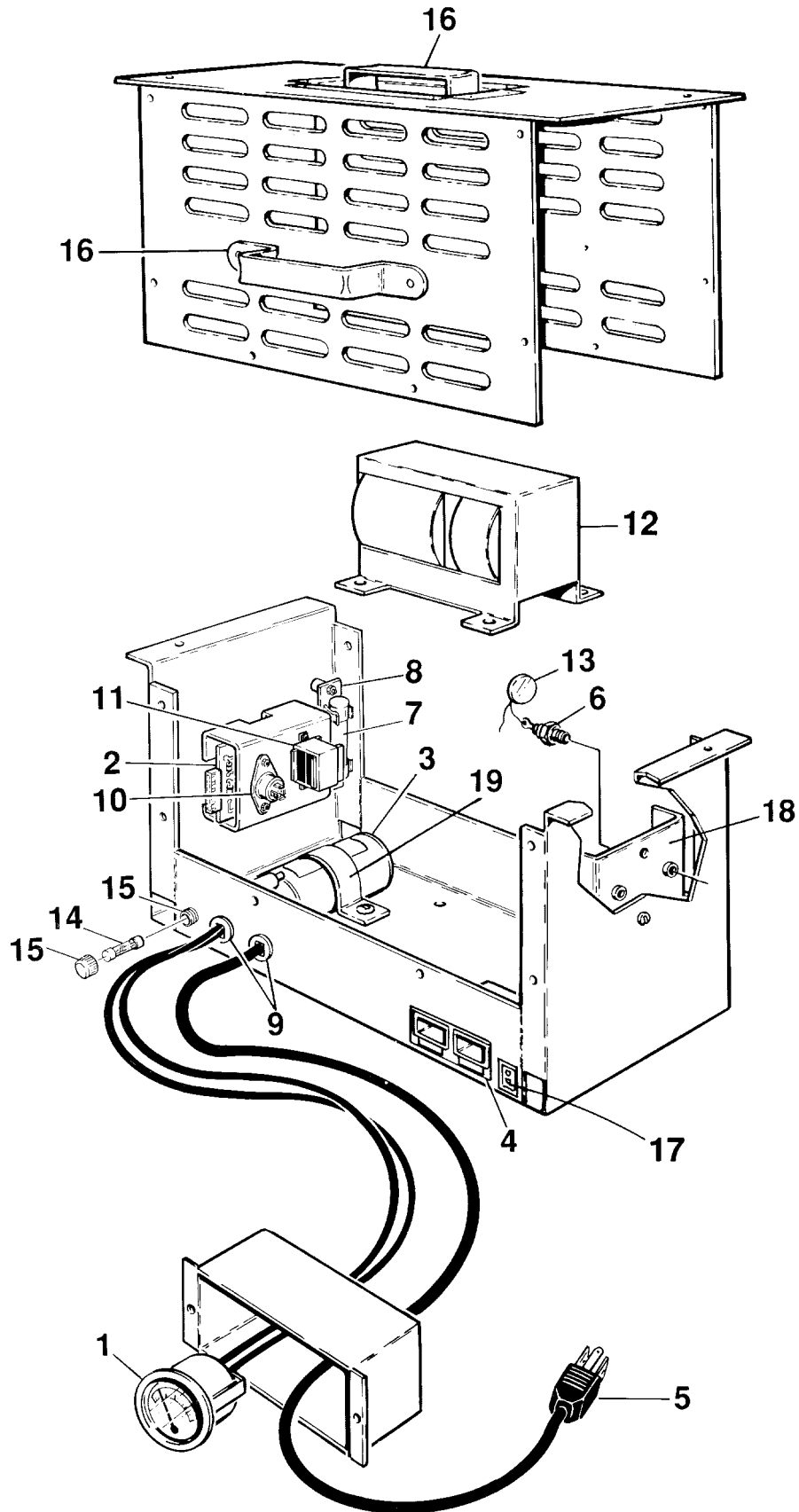
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FIGURE 1-6. BATTERY CHARGER ASSEMBLY



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FIGURE 1-6. BATTERY CHARGER ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BATTERY CHARGER ASSEMBLY	Ref.	
	0400130	110V Single Voltage (Australian Spec)	Ref.	—
	0400103	Non-UL 220VAC/50HZ (Euro Spec Except UK Spec)	Ref.	—
	0400137	UL 220VAC/50HZ (Euro Spec Except UK Spec)	Ref.	—
	0400111	110/220 Dual Voltage (UK Spec Prior to S/N 43921 See Notes)	Ref.	—
		<p>Note: Dual Voltage Battery Chargers with date codes prior to January 1995 should be replaced as a unit. Consult JLG Industries (Europe) for Replacement.</p> <p>Note: See Figure 1-8 for service parts for Battery Charger 0400198 (Service Replacement for 0400103 & 0400137 Chargers)</p> <p>Note: For Dual Voltage Chargers Built S/N 43921 to Present See Figure 1-7.</p> <p>Date Code Note: Battery Charger Serial Number Nameplate located on right side of Charger. First line is the Charger Spec and Date Code. Example: BA515 (Spec) AP (Date Code). First Letter in the Date Code Indicates Month (A - January/B - February/C - March/ etc. with exception of Letter "I" which is not used). Second Letter Indicates Year (N - 1992/O - 1993/P - 1994/S - 1995 etc.)</p>		
1	7011573	Ammeter	1	
2		Board, Circuit Options:	1	
	Use 7011679	0400130 Chargers (Was p/n 7011662 Prior to January 1995)		
	7011679	0400130 Chargers (January 1995 to Present)		
	Use 7011662	0400103/0400137 Chargers (Was p/n 7011588 Prior to January 1995)		
	7011662	0400103/0400137 Chargers (January 1995 to Present)		
	7011647	0400111 Chargers		
3		Condenser Options:	1	
	7018500	0400130 Chargers		
	7011623	0400103/0400111 Chargers		
	7011574	0400137 Chargers		
4	7011590	Connector, DC	1	
5		Cord, AC Options:	1	
	7011672	0400130 Chargers		
	7011669	Socket for 0400130 Chargers		
	7011544	0400103/0400111 Chargers		
	7011572	0400137 Chargers		
	7011674	0400111 Chargers		
6		Diode Options:	2	
	7011668	0400130 Chargers		
	7011576	0400103/0400137/0400111 Chargers		
7	7011593	Fuse, DC - 45 Amp	1	
8	7011594	Holder, Fuse - DC	1	

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FIGURE 1-6. BATTERY CHARGER ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
9	7011646	Strain Relief (AC Cord)	2	
	7011528	Strain Relief (DC Cord)	1	
10		Triac Options:	A/R	
	7011517	0400103/0400137/0400130 Chargers	1	
	Not Required	0400111 Chargers	0	
11	7011551	Transformer, Control	1	
12		Transformer, Main Options:	1	
	7011669	0400130 Chargers		
	7011598	0400103/0400137 Chargers		
	7011648	0400111 Chargers		
13	7011584	Varistor	1	
14		Fuse, AC Options:	1	
	7011645	0400130 Chargers		
	7011508	0400103/0400137/0400111 Chargers		
15	7011507	Holder, Fuse - AC	1	
16	Not Available	Handle	2	
17	7011621	Connector, Enable Switch	1	
18		Heatsink Options:	1	
	7011610	0400103/0400137/0400130 Chargers		
	Not Available	0400111 Chargers		
19	7011511	Strap, Condenser	1	
20		Automatic Switching Card Options:	A/R	
	Not Required	0400103/0400137/0400130 Chargers	0	
	Use 7018504	0400111 Chargers Prior to Date Code BT (Was P/N 7011644)	1	
	7018530	0400111 Chargers Date Code BT (February 1996) to Present	1	
21		Relay Options:	A/R	
	Not Required	0400103/0400137/0400130 Chargers	0	
	7011649	0400111 Chargers	1	

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FIGURE 1-6. BATTERY CHARGER ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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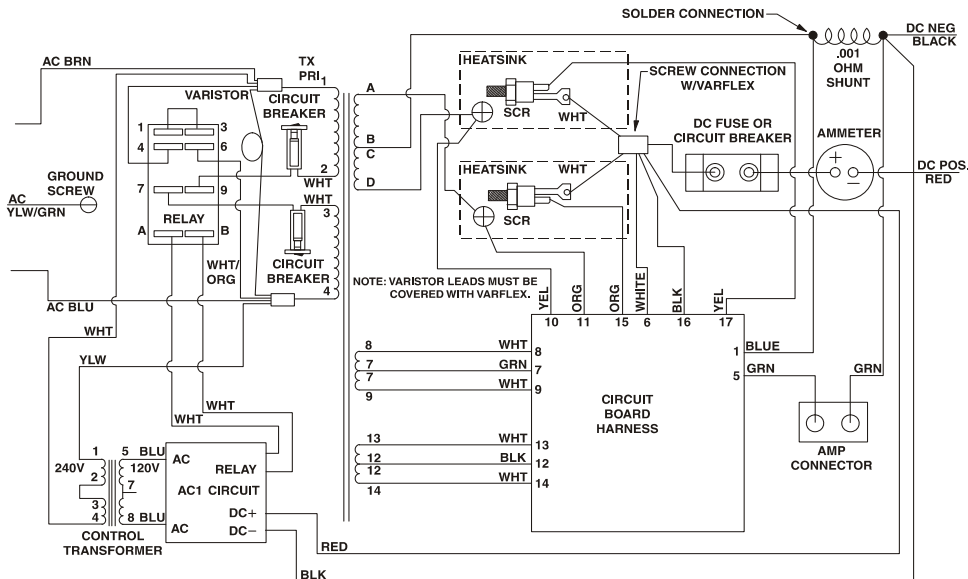
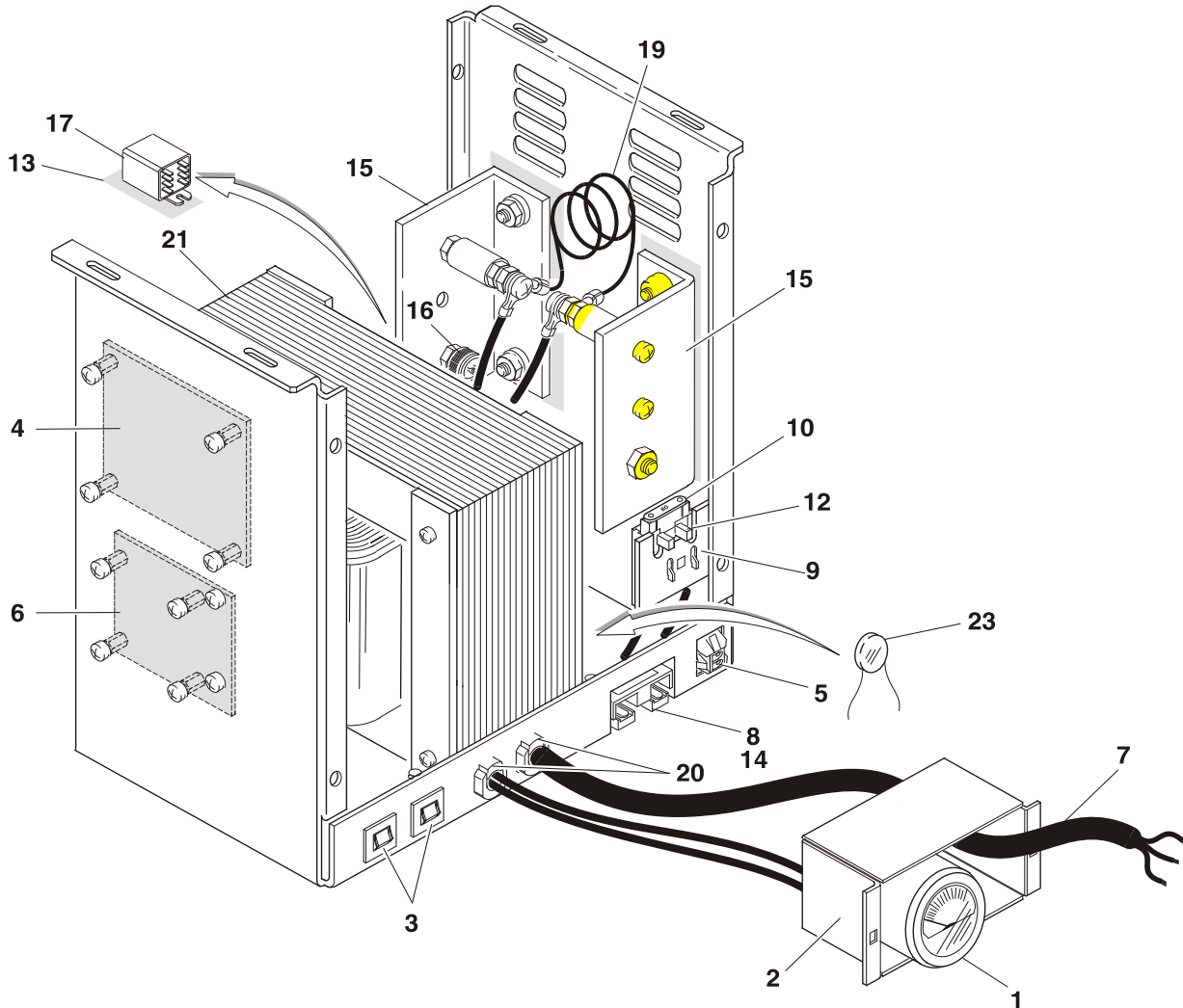
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FIGURE 1-7. BATTERY CHARGER ASSEMBLY - UK ONLY (110/220 DUAL VOLT-AGE) (S/N 43921 TO PRESENT)



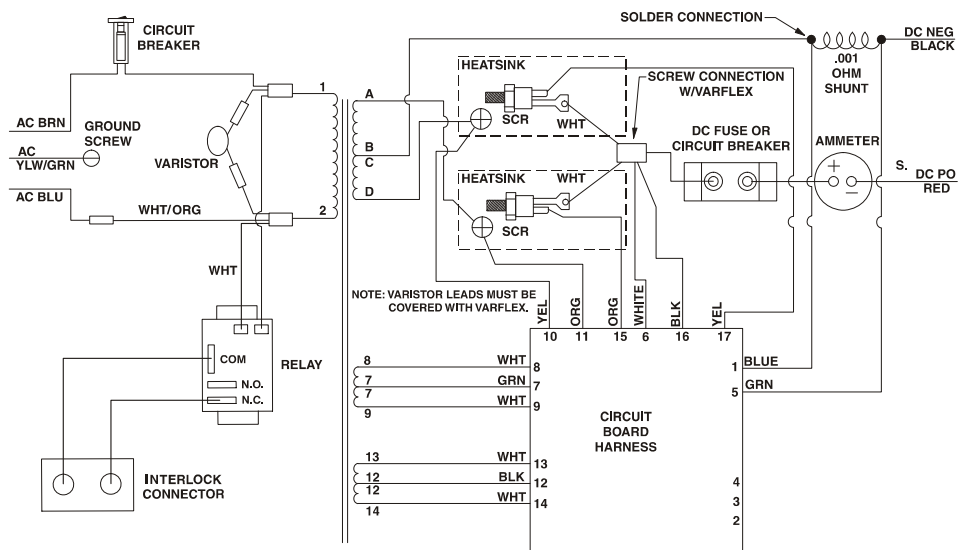
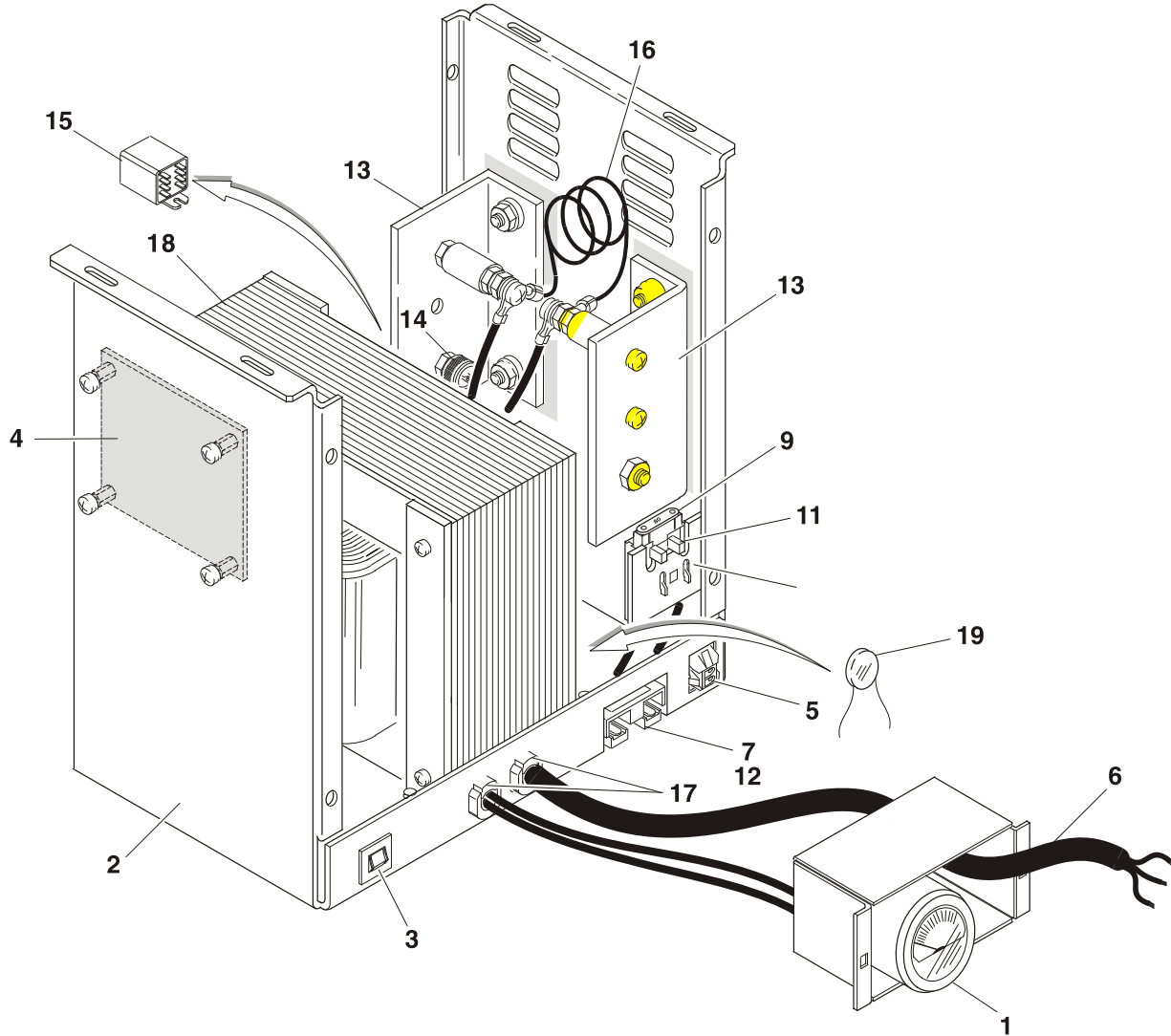
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FIGURE 1-7. BATTERY CHARGER ASSEMBLY - UK ONLY (110/220 DUAL VOLTAGE) (S/N 43921 TO PRESENT)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0400182	BATTERY CHARGER ASSEMBLY - UK ONLY (110/220 DUAL VOLTAGE) (S/N 43921 TO PRESENT)	Ref.	—
1	7011573	Ammeter	1	
2	7018566	Case, Remote Ammeter	1	
3	7018597	Breaker, Circuit	2	
4	7020607	Board, Circuit	1	
5	7011621	Connector	1	
6	7020618	Control, Circuit	1	
7	7020608	Cord, AC	1	
8	7020609	Cord, DC	1	
9	7020610	Fuse Assembly - DC	1	
10	7018570	Fuse, DC - 80 Amp	1	
11	7020611	Harness (Not Shown)	1	
12	7018571	Holder, Fuse - DC	1	
13	7020612	Insulator, Relay	1	
14	7011590	Connector, DC	1	
15	7020613	Recifier Assembly	2	
16	7020614	Recifier (1 Per Assembly)	1	
17	7011649	Relay	1	
18	Not Used			
19	7020605	Shunt Assembly	1	
20	7011528	Strain Relief (DC Cord)	2	
21	7020616	Transformer	1	
22	Not Used			
23	7018537	Varistor	1	

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FIGURE 1-8. BATTERY CHARGER ASSEMBLY - EURO SPEC (SERVICE REPLACEMENT)



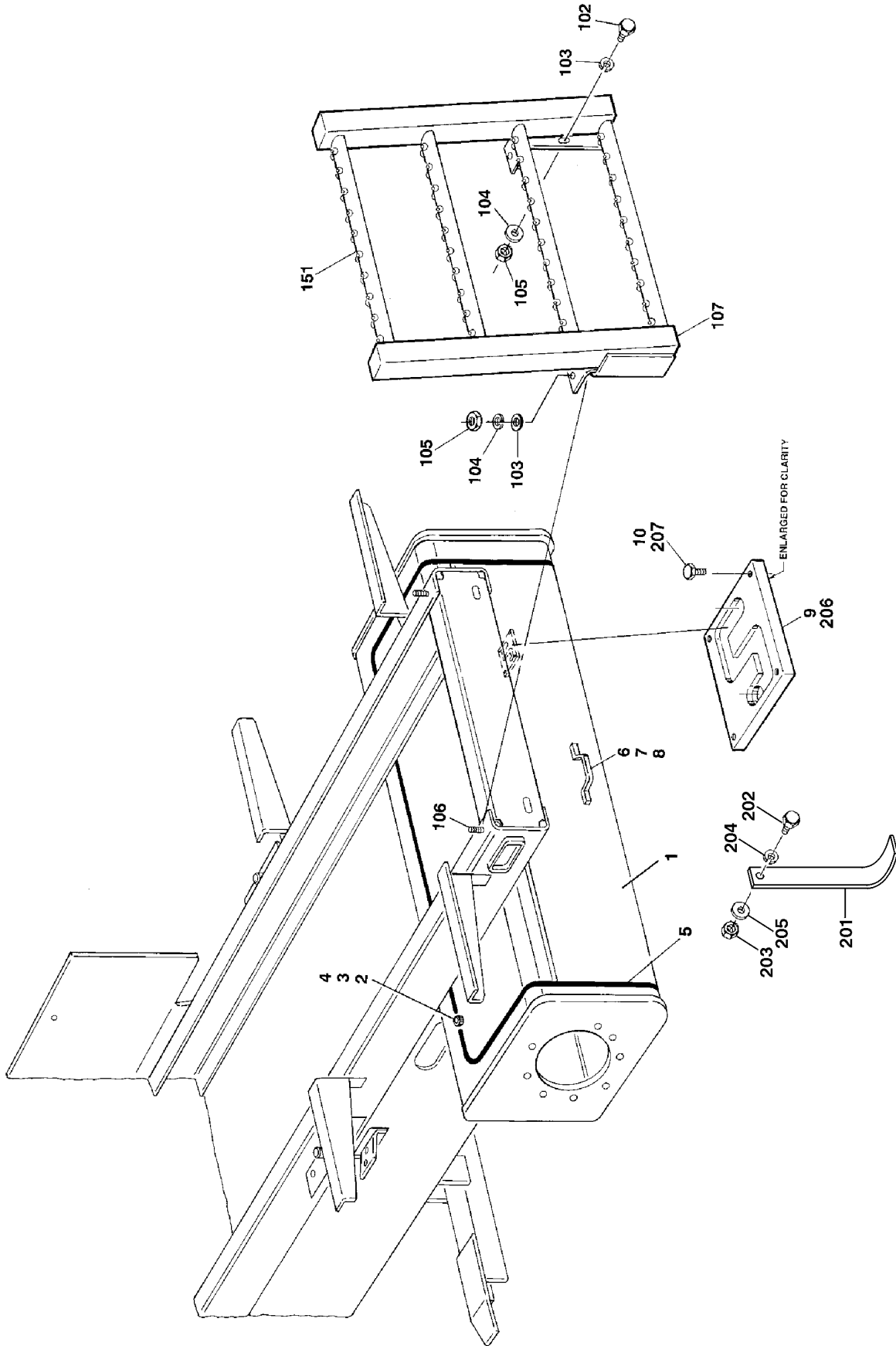
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FIGURE 1-8. BATTERY CHARGER ASSEMBLY - EURO SPEC (SERVICE REPLACEMENT)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0400198	BATTERY CHARGER ASSEMBLY - EURO SPEC (SERVICE REPLACEMENT FOR 0400103 & 0400137 BATTERY CHARGERS)	Ref.	—
1	Use 7011573	Ammeter (was p/n 7022915)	1	
2	7022904	Cover Assembly, Case	1	
3	7018525	Breaker, Circuit	1	
4	7022938	Board, Circuit (was p/n 7022934)	1	
5	7011621	Connector	1	
6	7022914	Cord, AC	1	
7	7022916	Cord, DC	1	
8	7018577	Capacitor Assembly (Not Shown)	2	
9	7011593	Fuse, DC - 45 Amp	1	
10	7020658	Harness (Not Shown)	1	
11	7011594	Holder, Fuse - DC	1	
12	7011590	Connector, DC	1	
13	7020649	Recifier Assembly	2	
14	7020650	Recifier (1 Per Assembly)	1	
15	7018563	Relay	1	
16	7020674	Shunt Assembly	1	
17	7011529	Strain Relief	1	
	7020659	Strain Relief	1	
18	Use 7022939	Transformer (was p/n 7022917)	1	
19	7020633	Varistor Assembly	1	

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FIGURE 1-9. FRAME MOUNTED COMPONENTS INSTALLATION



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FIGURE 1-9. FRAME MOUNTED COMPONENTS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0253995	AXLE COVER INSTALLATION	Ref.	3
1	3538294	Cover	1	
2	3900174	Thumbscrew	4	
3	3760308	Retainer	4	
4	1380138	Clip, Receptacle	4	
5	3960447	Seal	11.5ft./3.5m	
6	2560003	Handle	1	
7	3820020	Rivet	4	
8	4751000	Flatwasher #10	4	
9	3538157	Plate, Drain (Prior to S/N 70891)	2	
10	0791004	Screw #10 x 1/2" (Prior to S/N 70891)	8	
		LADDER INSTALLATION OPTIONS:	Ref.	
	0254459	Model 3369 (Prior to S/N 33424)	Ref.	A
	0257335	Model 3369 (S/N 33424 to Present)	Ref.	4
	0254461	Model 3969 (Prior to S/N 33811)	Ref.	A
	0257334	Model 3969 (S/N 33811 to Present)	Ref.	4
101	Not Used			
102	0641610	Bolt 3/8"-16NC x 1 1/4" (Prior to S/N 56271)	2	
	0641612	Bolt 3/8"-16NC x 1 1/4" (S/N 56271 to Present)	4	
103	4751600	Flatwasher 3/8"	8	
104	4761600	Lockwasher 3/8" (Prior to S/N 55724)	4	
105	3311601	Nut 3/8"-16NC (Prior to S/N 55724)	4	
	3311605	Nut 3/8"-16NC (S/N 55724 to Present))	4	
106	4300034	Stud (Welded on Parts) (Prior to February 1995)	2	
107	3520071	Cap	4	
108 to 150	Not Used			
151		Ladder Options:	1	
	4844636	Model 3369 (Prior to S/N 33424)		
	4845492	Model 3369 (S/N 33424 to S/N 54195)		
	4845916	Model 3369 (S/N 54195 to Present)		
	4844638	Model 3969 (Prior to S/N 33811)		
	4845491	Model 3969 (S/N 33811 to S/N 54195)		
	4845917	Model 3969 (S/N 54195 to Present)		
	0255065	ANTI-STATIC STRAP INSTALLATION	Ref.	2
201	4240084	Strap, Anti-Static	1	
202	0641508	Bolt 5/16"-18NC x 1"	1	
203	3311501	Nut 5/16"-18NC	1	
204	4761500	Lockwasher 5/16"	1	
205	4751500	Flatwasher 5/16"	2	
206	3538157	Plate, Drain (S/N 70891 to Present)	2	
207	0791004	Screw #10 x 1/2" (S/N 70891 to Present)	8	

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FIGURE 1-9. FRAME MOUNTED COMPONENTS INSTALLATION (CONTINUED)

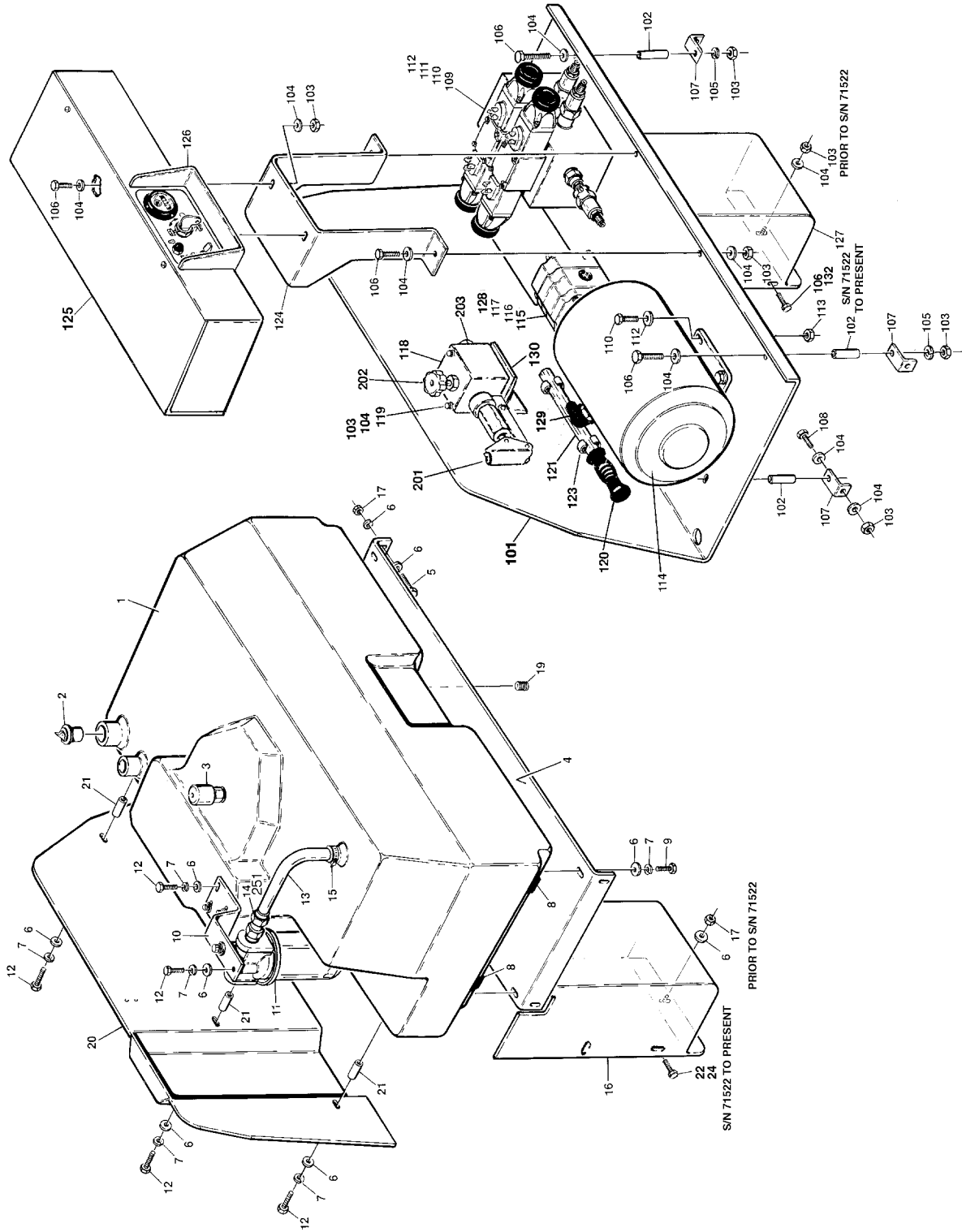
FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION



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FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254492	HYDRAULIC TANK AND FILTER INSTALLATION	Ref.	4
1	4400358	Tray, Hydraulic	1	
2	3520077	Plug, Fill	1	
3	1340052	Breather	1	
4	3538236	Plate, Support	1	
5	0641408	Bolt 1/4"-20NC x 1"	4	
6	4751400	Flatwasher 1/4"	16	
7	4761400	Lockwasher 1/4"	13	
8	2820064	Insulator, Rubber	4	
9	0641405	Bolt 1/4"-20NC x 5/8"	13	
10	0902034	Bracket, Mounting	1	
11	2120105	Filter Assembly	1	
	2120072	Element, Filter	1	
12	0641404	Bolt 1/4"-20NC x 1/4" (Prior to S/N 39555)	9	
13	4566413	Tube, Return	1	
14	2220347	Fitting, Straight	1	
15	1320033	Clamp, Hose	1	
16		Cover, Hose Options:	1	
	4060866	Prior to S/N 71522		
	4060983	S/N 71522 to Present		
17	3311405	Locknut 1/4"-20NC	4	
18	0100020	Sealant (Not Shown)	A/R	
19	2200053	Plug, Drain (Prior to S/N 50189)	1	
	2200233	Plug, Drain (S/N 50189 to Present)	1	
20	4060867	Cover, Rear	1	
21	3300377	Stand-off	4	
22	0641406	Bolt 1/4"-20NC x 3/4" (S/N 71522 to Present)	2	
23	0100011	Loctite #242 (Not Shown) (S/N 71522 to Present)	A/R	
24	3300353	Nut, Tinnerman (S/N 71522 to Present)	2	
	0255270	HYDRAULIC MOTOR AND VALVE ASSEMBLY (PRIOR TO JULY 1994)	Ref.	5
	0255843	HYDRAULIC MOTOR AND VALVE ASSEMBLY (JULY 1994 TO PRESENT)	Ref.	4
	0258797	HYDRAULIC MOTOR AND VALVE ASSEMBLY - CE (WITH ELECTRIC BRAKE RELEASE) (S/N 53019 TO PRESENT)	Ref.	2
	0258796	HYDRAULIC MOTOR AND VALVE ASSEMBLY - AUSTRALIAN SPEC (S/N 53019 TO PRESENT)	Ref.	2
101	3538736	Plate, Mounting	1	
102	3300377	Stand-off	4	
103	3311405	Locknut 1/4"-20NC	14	
104	4751400	Flatwasher 1/4"	29	
105	4761400	Lockwasher 1/4"	4	
106	0641406	Bolt 1/4"-20NC x 3/4"	10	
107	0181747	Angle	4	
108	0641408	Bolt 1/4"-20NC x 1"	4	
109	4640915	Control Valve (See Figure 2-2 for Breakdown)	1	

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SECTION 2 GROUND COMPONENTS

FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
110	0641507	5/16"-18NC	10	
111	4761500	Lockwasher 5/16"	4	
112	4751500	Flatwasher 5/16"	18	
113	3311505	Locknut 5/16"-18NC	6	
114	3160194	Motor Assembly	1	
	7023231	Endhead, Drive	1	
	7023479	Armature	1	
	2900811	Repair Kit - 3160194 Motor (Includes Bearing, Brushes, Springs and Wavy Washer)	1	
115	3600220	Pump Assembly (See Figure 2-3 for Breakdown)	1	
116	0641608	Bolt 3/8"-16NC x 1"	2	
117	4761600	Lockwasher 3/8"	2	
118	4640859	Pump Assembly - Manual Descent (See Items 201-203 for Breakdown)	1	
119	0641424	Bolt 1/4"-20NC x 3"	2	
120	2560123	Grip	1	
121	2560122	Handle (Prior to S/N 45740)	1	
	2560155	Handle (S/N 45740 to Present)	1	
122	1380136	Clip, Grip	2	
123	3820019	Rivet	2	
124	0902038	Bracket, Mounting	1	
125		Ground Control Box Assembly Options: (See Figure 2-4 for Breakdown)	1	
	0860969	Prior to July 1995		
	0861014	July 1995 to Present		
	0861248	CE With Electric Brake Release (S/N 53019 to Present)		
	0861247	Australian Spec (S/N 53019 to Present)		
126	3537692	Plate, Shield	1	
127		Cover, Hose Options:	1	
	4060866	Prior to S/N 71522		
	4060983	S/N 71522 to Present		
128	4711600	Flatwasher 3/8"	2	
129	0840027	Boot, Terminal (September 1995 to Present)	2	
130		Angle, Valve Mounting Options:	1	
	Not Required	Prior to October 1994		
	0181791	October 1994 to Present		
131	0100011	Loctite #242 (Not Shown) (S/N 71522 to Present)	A/R	
132	3300353	Nut, Tinnerman (S/N 71522 to Present)	2	
	4640859	PUMP ASSEMBLY - MANUAL DESCENT	Ref.	—
201	7012952	Pump Cartridge Assembly	1	
	2900708	Seal Kit	1	
202	7012954	Release Cartridge Assembly	1	
	7012953	Seal Kit - 7012954 Valve	1	
	7012961	Knob	1	
203	7012955	Check Cartridge Assembly	1	
	7012540	Seal Kit - 7012955 Valve	1	

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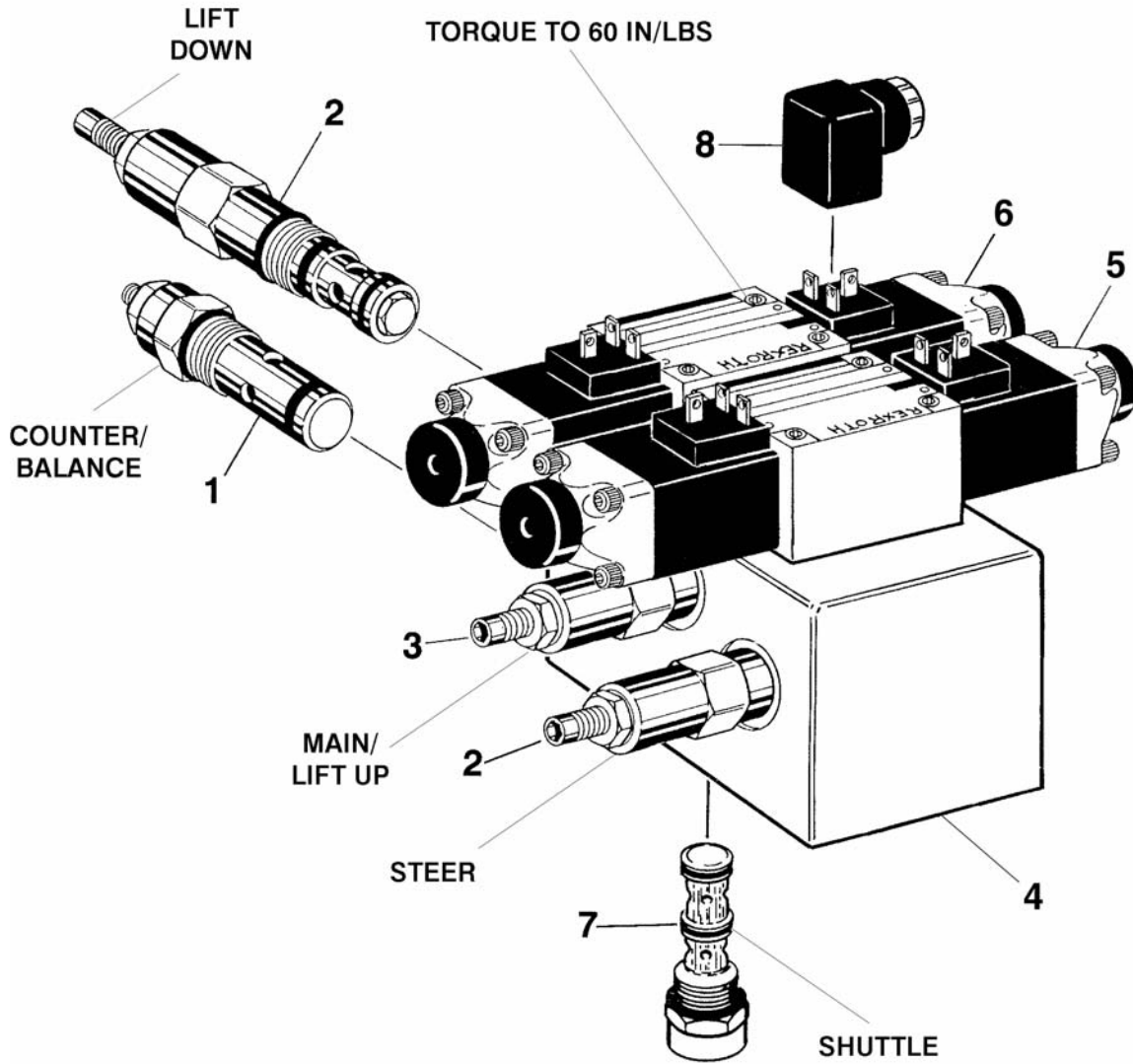
FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
251	0257177	PUMP ASSEMBLY - MANUAL DESCENT	Ref.	1
	4641007	Valve, Check 5psi	1	

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FIGURE 2-2. CONTROL VALVE ASSEMBLY



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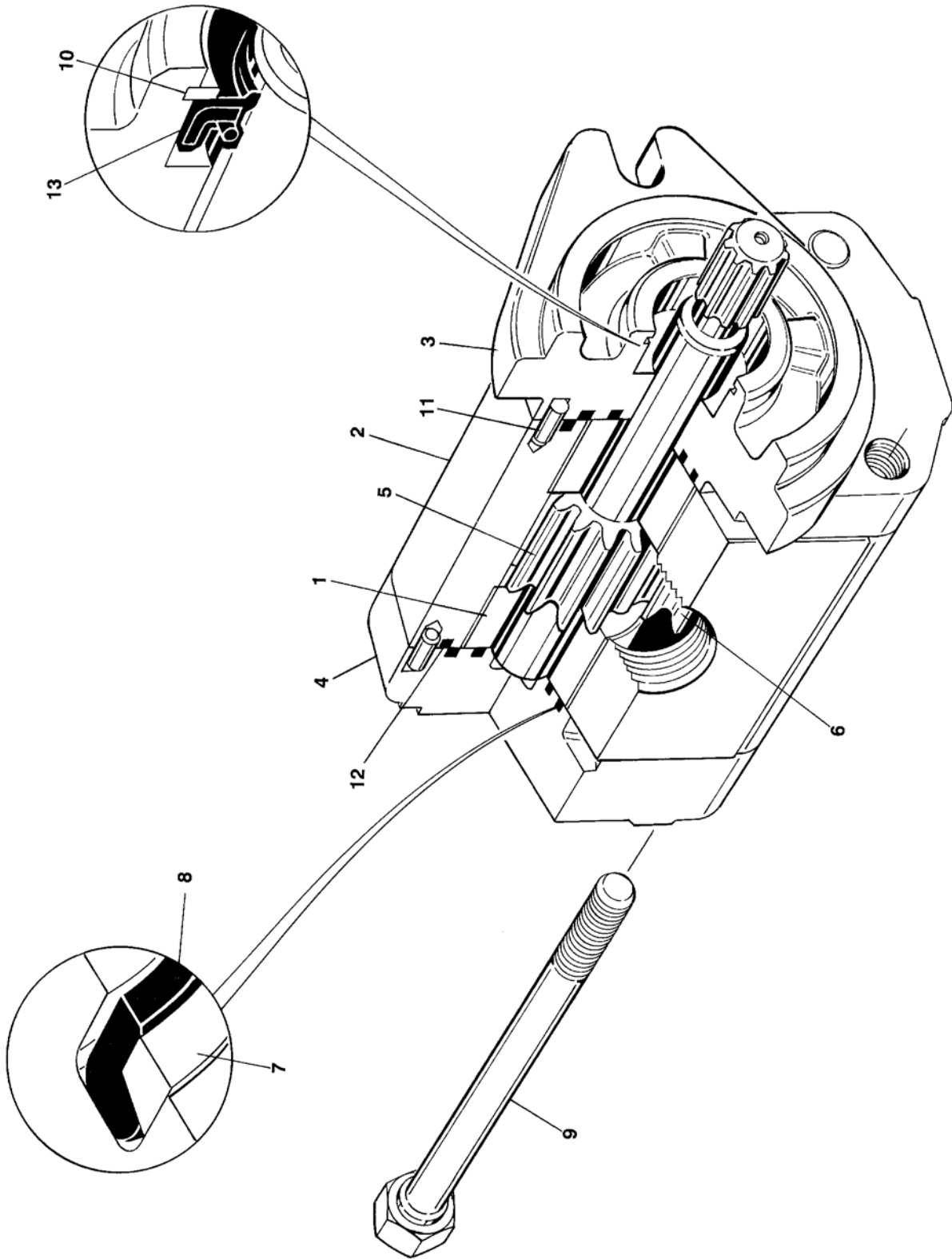
FIGURE 2-2. CONTROL VALVE ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	4640915	CONTROL VALVE ASSEMBLY	Ref.	F
1	7011323	Cartridge, Valve (Counterbalance)	1	
	2900770	Seal Kit	1	
2	7012962	Cartridge, Valve (Steer and Lift Down Relief)	2	
	2900708	Seal Kit	2	
3		Cartridge, Relief Options: (Lift Up and Main)	1	
	See Note	Prior to February 1996 (Note: Use 7017400 in place of original part number 7012963)		
	7017400	February 1996 to Present		
	2900708	Seal Kit - 7012963 and 7017400 Cartridges	1	
4	Not Serviced	Block	1	
5	4640865	Valve Assembly - Steer (Prior to S/N 56599)	1	
	7012725	Seal Kit	1	
	7012752	Coil	2	
	4641088	Valve Assembly - Steer (S/N 56599 to Present)	1	
	7012773	Seal Kit	1	
	7021321	Coil	2	
6	4640864	Valve Assembly - Lift (Prior to S/N 56599)	1	
	7012725	Seal Kit	1	
	7012752	Coil	2	
	4641087	Valve Assembly - Lift (S/N 56599 to Present)	1	
	7012773	Seal Kit	1	
	7021321	Coil	2	
7	7010542	Cartridge, Shuttle	1	
	7010543	Seal Kit	1	
8	4460499	Plug (Supplied with Harness)	4	
	0253647	PRESSURE CHECK INSTALLATION (NOT SHOWN)	Ref.	—
	2220466	Fitting, 90°	2	
	2751394	Hose	2	
	2220414	Fitting, Straight	2	
	2220428	Fitting, Quick Disconnect	2	
	2220429	Cap, Quick Disconnect	2	

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FIGURE 2-3. PUMP ASSEMBLY



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FIGURE 2-3. PUMP ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	3600220	PUMP ASSEMBLY	Ref.	—
1	7010102	Bearing	2	
2	Not Serviced	Housing	1	
3	7010100	Flange, Front	1	
4	7010103	Cover	1	
5	7010101	Gear, Drive	1	
6	7007499	Gear, Idle	1	
7	Kit	Ring, Anti-Extrusion	2	
8	Kit	Seal, Pressure	2	
9	Not Serviced	Bolt	4	
10	7010104	Ring, Snap	1	
11	Not Serviced	Pin, Dowel	4	
12	Kit	Seal, Outer	2	
13	7007298	Seal, Shaft	1	

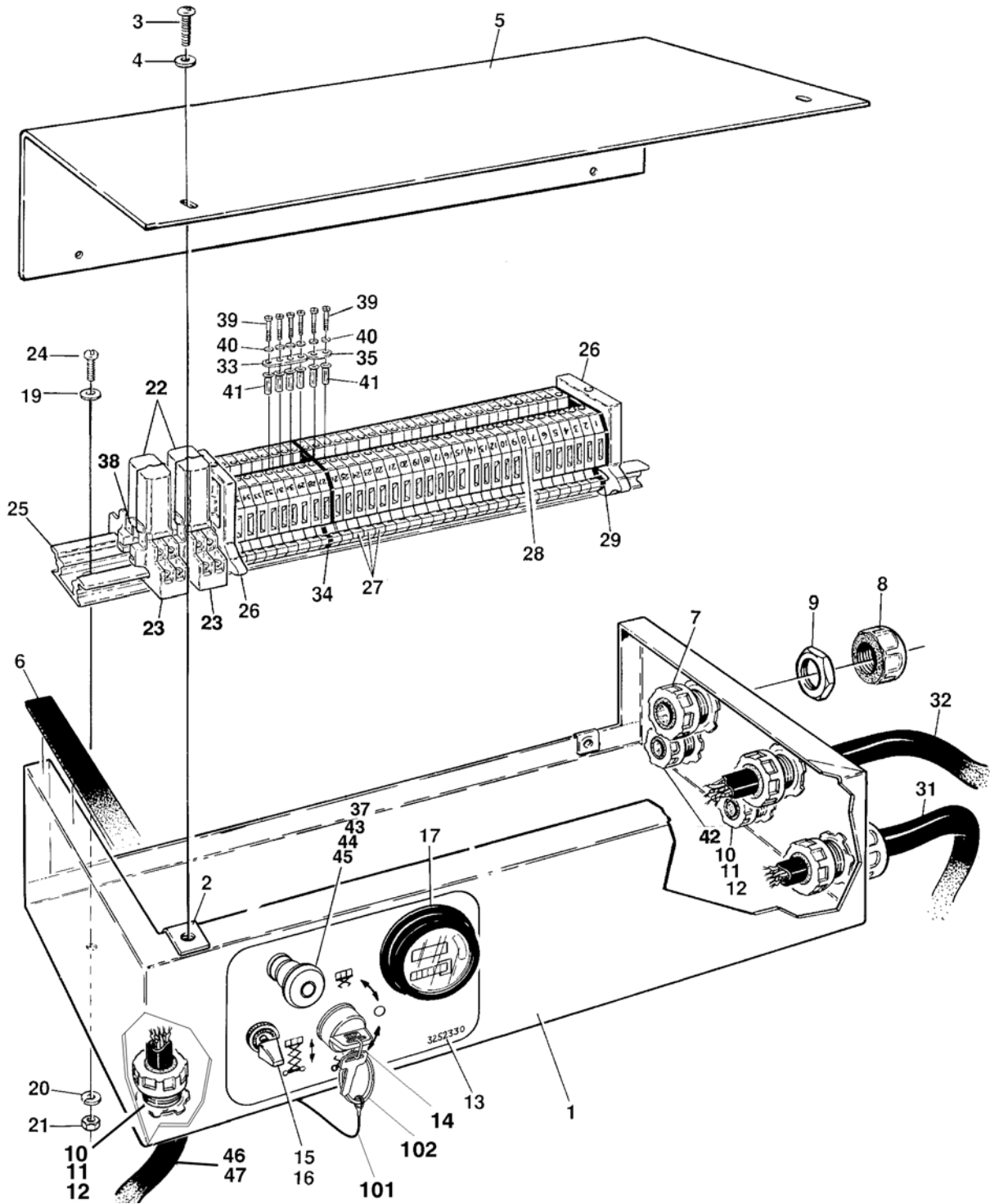
	7007489	Seal Kit - 3600220 Pump (Includes Items 7,8,12 and 13)	1	

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SECTION 2 GROUND COMPONENTS

FIGURE 2-4. GROUND CONTROL BOX ASSEMBLY

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FIGURE 2-4. GROUND CONTROL BOX ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0860969	GROUND CONTROL BOX ASSEMBLY (PRIOR TO JULY 1995)	Ref.	B
	0861014	GROUND CONTROL BOX ASSEMBLY (JULY 1995 TO PRESENT)	Ref.	6
	0861248	GROUND CONTROL BOX ASSEMBLY (CE WITH ELECTRIC BRAKE RELEASE) (S/N 53019 TO PRESENT)	Ref.	5
	0861247	GROUND CONTROL BOX ASSEMBLY (AUSTRALIAN WITH ELECTRIC BRAKE RELEASE) (S/N 53019 TO PRESENT)	Ref.	5
1		Box Options:	1	
	0860970	Prior to S/N 53019		
	0861246	S/N 53019 to S/N 66901		
	0861312	S/N 66901 to S/N 72148		
	0861342	S/N 72148 to Present		
2	3300177	Nut, Tinnerman	4	
3	0750806	Screw, Self-Tap #8 x 3/4"	4	
4	4740120	Washer, Nylon	4	
5	0860971	Lid, Box	1	
6	4420037	Strip, Rubber	52in/1.3m	
7	4460052	Connector, Strain Relief	3	
8	0960239	Bushing	3	
9	3300047	Locknut, Conduit	3	
10	4460071	Connector, Strain Relief	1	
11	0960238	Bushing	2	
12	3300048	Locknut, Conduit	2	
13		Nameplate Options:	1	
	3252330	Prior to S/N 66901		
	3252651	S/N 66901 to S/N 72148		
	3252666	S/N 72148 to Present		
14		Switch, Key Options:	A/R	
	4360347	Switch, Key (Prior to S/N 66901)	1	
	7012587	Keys, Replacement	1 Set	
	4360474	Switch, Key (S/N 66901 to Present)	1	
	2860030	Keys, Replacement	1 Set	
15	4360314	Switch, Toggle	1	
16	3790012	O-Ring	1	
17	2420106	Gauge, Hourmeter	1	
18	Not Used			
19	4750600	Flatwasher #6	2	
20	4760600	Lockwasher #6	2	
21	3310601	Nut #6-32NC	2	
22	3740087	Relay (Std Qty 2/With Options Qty 3 or 4)	A/R	
23	4120027	Socket (Std Qty 2/With Options Qty 3 or 4)	A/R	
24	3910606	Screw #6-32NC x 3/8"	2	
25	3640865	Strip, Terminal (Prior to S/N 53228)	1	
	3641308	Strip, Terminal (S/N 53228 to Present)	1	
26	4460299	Stop, Terminal	2	
27	4460298	Block, Terminal	35	
28	4460301	Strip, Terminal Marking	1	

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FIGURE 2-4. GROUND CONTROL BOX ASSEMBLY (CONTINUED)

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FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
29	4460300	Barrier, Terminal	2	
30	Not Used			
31	4921700	Harness - Ground Control Box to Control Module	1	
32	4921666	Harness - Ground Control Box to Valves	1	
33	4460310	Bar, Buss	1	
34	4460300	Barrier, Terminal	1	
35	4460308	Bar, Buss	1	
36	Not Used			
37	4360274	Switch, Push Button (Prior to S/N 72148)	1	
38	3740063	Clip, Relay (Std Qty 2/With Options Qty 3 or 4)	A/R	
39	4460305	Screw, Terminal	8	
40	4460306	Washer, Terminal	8	
41	4460307	Sleeve, Terminal	8	
42	4460051	Connector, Strain Relief	A/R	
43	4360282	EMS, Contact Block (S/N 72148 to Present)	1	
44	4740066	Washer, Thrust (S/N 72148 to Present)	1	
45	4360475	Switch, E-Stop (S/N 72148 to Present)	1	
	7020175	Cap/E-Stop With Seal	1	
	7020176	Contact Block W/Mount	1	
46	4922133	Harness - Brake Disconnect MTB (Machines Equipped With Electric Brake Release Only)	1	
47	4922065	Harness - Brake Disconnect Switch (Machines Equipped With Electric Brake Release Only)	1	
48	3990001	Diode 3.5 Amp (CE Machines Equipped With Electric Brake Release Only) (Not Shown)	1	
49	2820026	Loom (CE Machines Equipped With Electric Brake Release Only) (Not Shown)	.08ft/.02m	
	0255253	KEY ATTACH LANYARD (OPTIONAL)	Ref.	A
101	1060380	Cable, Lanyard	1	
102	3760170	Ring	1	

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FIGURE 2-4. GROUND CONTROL BOX ASSEMBLY (CONTINUED)

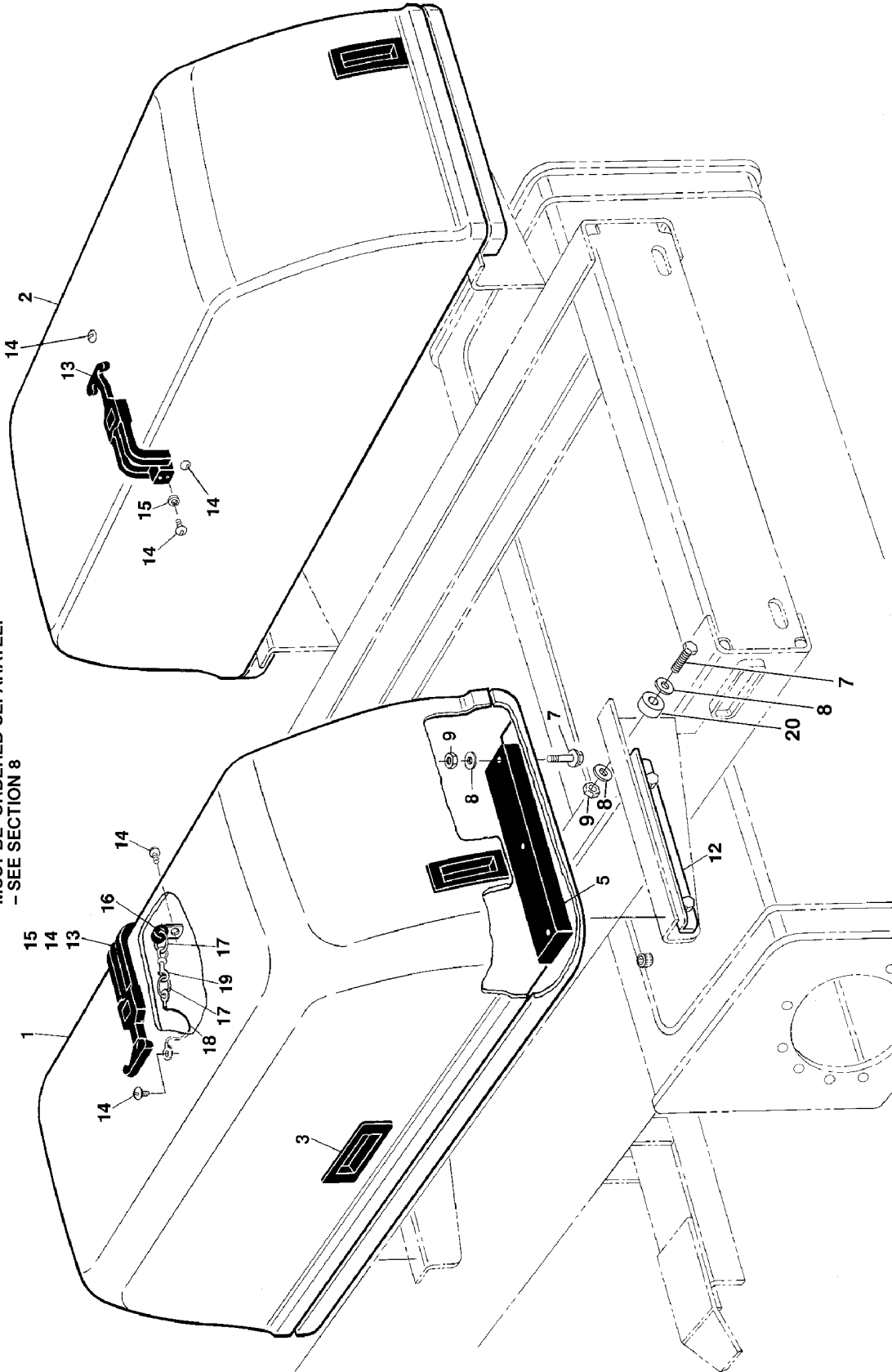
FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 2-5. COVERS INSTALLATION

NOTE: REPLACEMENT DECALS
MUST BE ORDERED SEPARATELY
- SEE SECTION 8



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FIGURE 2-5. COVERS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254494	COVERS INSTALLATION	Ref.	4
1	4060868	Cover (Left Side)	1	
2	4060869	Cover (Right Side)	1	
3	2560124	Handle, Pull	4	
4	Not Used			
5	3340747	Pad, Slide	4	
6	Not Used			
7	0641410	Bolt 1/4"-20NC x 1 1/4"	16	
8	4751400	Flatwasher 1/4" (Wide)	32	
9	3311405	Locknut 1/4"-20NC	16	
10	Not Used			
11	Not Used			
12	0181742	Angle, Slide Mount	4	
13	2940080	Latch	2	
14	3911008	Screw, Round Head #10-24NC x 1/2"	6	
15	4761000	Lockwasher #10	6	
16	1320136	Clamp	2	
17	3760170	Ring	4	
18	1060379	Lanyard	2	
19	2940065	Latch	2	
20	3860090	Roller, Stop (S/N 71522 to Present)	4	

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FIGURE 2-5. COVERS INSTALLATION (CONTINUED)

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FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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3-3	ARM GUARD INSTALLATION	3-10

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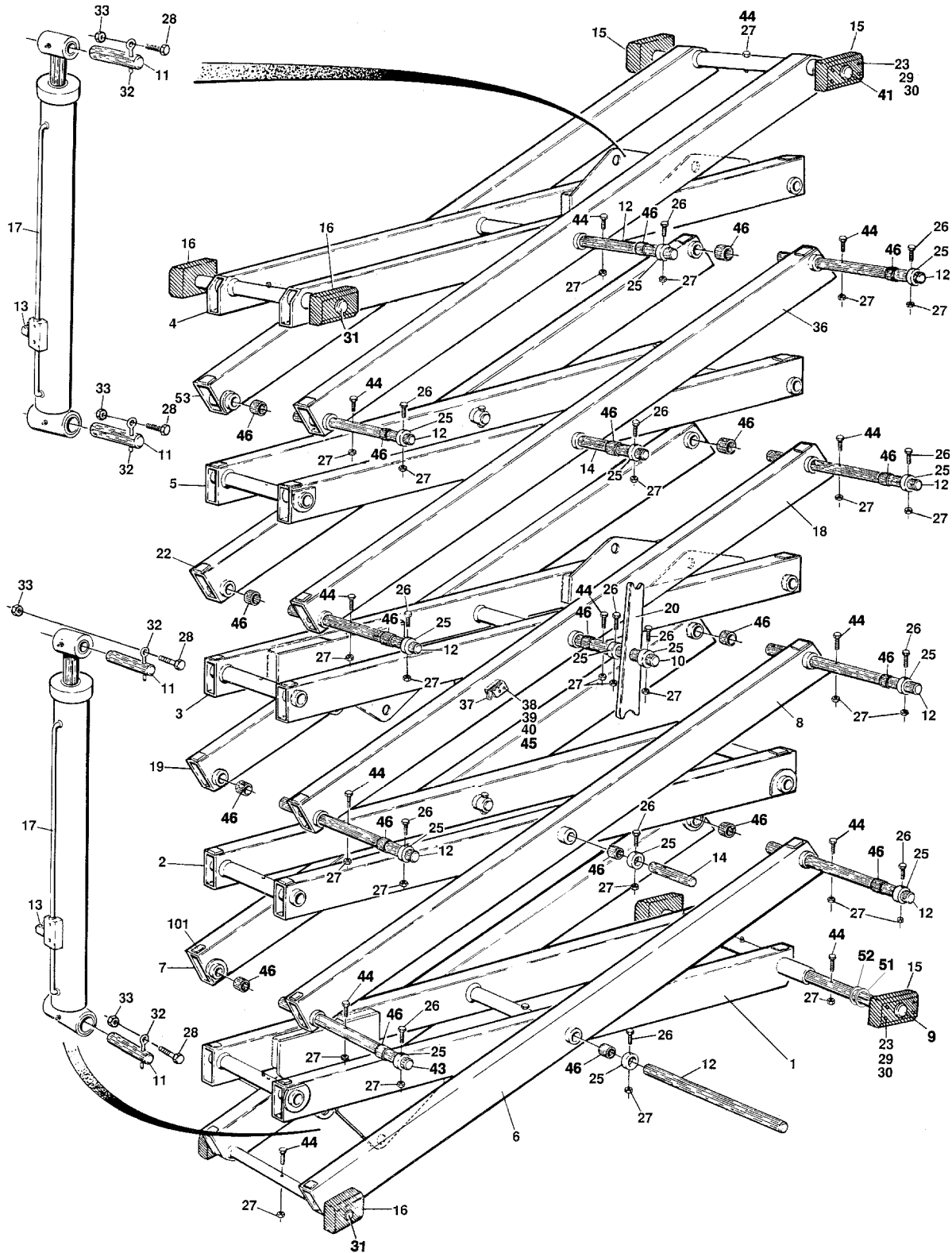
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SECTION 3 SCISSOR ARMS

FIGURE 3-1. SCISSOR ARMS INSTALLATION - MODEL 3369



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SECTION 3 SCISSOR ARMS

FIGURE 3-1. SCISSOR ARMS INSTALLATION - MODEL 3369

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254239	SCISSOR ARMS INSTALLATION - STANDARD	Ref.	11
1	0200495	Arm Weldment (Lower Inboard)	1	
2	0200496	Arm Weldment (2nd Inboard)	1	
3	0200497	Arm Weldment (3rd Inboard)		
4	0200521	Arm Weldment (Top Inboard)	1	
5	0200523	Arm Weldment (4th Inboard)	1	
6	0200500	Arm Weldment (Lower and Top Outboard)	2	
7	0200501	Arm Weldment (2nd Outboard Left Side)	1	
8	0200502	Arm Weldment (2nd Outboard Right Side)	1	
9	3422199	Pin, Pivot	1	
10	3422200	Pin, Pivot	1	
11	3422201	Pin, Cylinder Attach	4	
12	3422202	Pin, Pivot	9	
13	4640381	Holding Valve Assembly	2	
	7000644	Coil (Hydraforce Version)	A/R	
	7004334	Coil (Modular Controls Version)	A/R	
	2900756	Seal Kit (Hydraforce Version)	A/R	
	2900503	Seal Kit (Modular Controls Version)	A/R	
14	3422204	Pin, Pivot	4	
15	3340669	Pad, Sliding (Bolt On)	4	
16	3340675	Pad, Sliding (Pivoting)	4	
17	1682935	Lift Cylinder Assembly (See Section 5 for Breakdown)	2	
18	0200503	Arm Weldment (3rd Outboard Right Side)	1	
19	0200504	Arm Weldment (3rd Outboard Left Side)	1	
20	3538343	Prop, Safety	2	
	4844380	Prop, Safety (S/N's 11657, 12289 and 12651 Only)	2	
21	Not Used			
22	0200522	Arm Weldment (4th Outboard Left Side)	1	
23	4751600	Flatwasher 3/8"	32	
24	0961756	Bushing, Spacer (S/N's 11657, 12289 and 12651 Only) (Not Shown - Located at Item 20)	2	
25	1440227	Collar	28	
26	0641528	Bolt 5/16"-18NC x 3 1/2"	28	
27	3311505	Locknut 5/16"-18NC	47	
28	0630471	Bolt, Special	4	
29	0641624	Bolt 3/8"-16NC x 3"	16	
30	3311605	Locknut 3/8"-16NC	18	
31	3422275	Pin, Pivot	2	
32	3841203	Pin, Keeper	4	
33	3311805	Locknut 1/2"-13NC	4	
34	0232139	Lock, Prop (Right Side) (S/N's 11657, 12289 and 12651 Only) (Not Shown - Located at Item 20)	1	
35	0232140	Lock, Prop (Left Side) (S/N's 11657, 12289 and 12651 Only) (Not Shown - Located at Item 20)	1	
36	0200524	Arm Weldment (4th Outboard Right Side)	1	
37	2940081	Latch	2	
38	0641405	Bolt 1/4"-20NC x 5/8"	8	
39	4751400	Flatwasher 1/4"	8	

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SECTION 3 SCISSOR ARMS

FIGURE 3-1. SCISSOR ARMS INSTALLATION - MODEL 3369 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
40	4761400	Lockwasher 1/4"	8	
41	3422416	Pin, Pivot	1	
42	Not Used			
43	3422202	Pin, Pivot	1	
44	0641526	Bolt 5/16"-18NC x 3 1/4"	19	
45	0902156	Bracket	2	
46	0961664	Bushing, Gar-Max	26	
47	1320061	Clamp, Cable (Not Shown) (Prior to S/N 68667)	8	
48	4300038	Stud (Welded on Part) (Not Shown) (Prior to S/N 68667)	8	
49	4761500	Lockwasher 5/16" (Not Shown) (Prior to S/N 68667)	8	
50	3311501	Nut 5/16"-18NC (Not Shown) (Prior to S/N 68667)	8	
51	4070964	Shim (S/N 37453 to Present)	2	
52	4740229	Shims, Washer (S/N 37453 to Present)	2	
53	0200697	Arm Weldment (Top Outboard)	1	
	2901327	Sizzor Arms Kit (Includes Items 1-8, 18, 19, 20, 22, 36 and 53)	1	3
	0252588	ARM PADS INSTALLATION	Ref.	3
101	3340645	Pad (Prior to S/N 47469)	32	
	3340841	Pad (S/N 47469 to S/N 53856)	32	
	3340848	Pad (S/N 53856 to Present)	32	
	0257362	PLATFORM CONTROL BOX CABLE ROUTING INSTALLATION (NOT SHOWN) (S/N 31253 TO S/N 68667)	Ref.	1
151	4240033	Strap, Tie	8	
	1320061	Clamp	11	
	0641508	Bolt 5/16"-18NC x 1"	10	
	4751500	Flatwasher 5/16"	20	
	3311505	Locknut 5/16"-18NC	10	
	0259832	PLATFORM CONTROL BOX CABLE ROUTING INSTALLATION (NOT SHOWN) (S/N 68667 TO PRESENT)	Ref.	1
151	1320061	Clamp	7	
	0641408	Bolt 1/4"-20NC x 1"	7	
	4751400	Flatwasher 1/4"	14	
	3311405	Locknut 1/4"-20NC	7	
	4240033	Strap, Tie	8	

SECTION 3 SCISSOR ARMS

SECTION 3 SCISSOR ARMS

FIGURE 3-1. SCISSOR ARMS INSTALLATION - MODEL 3369 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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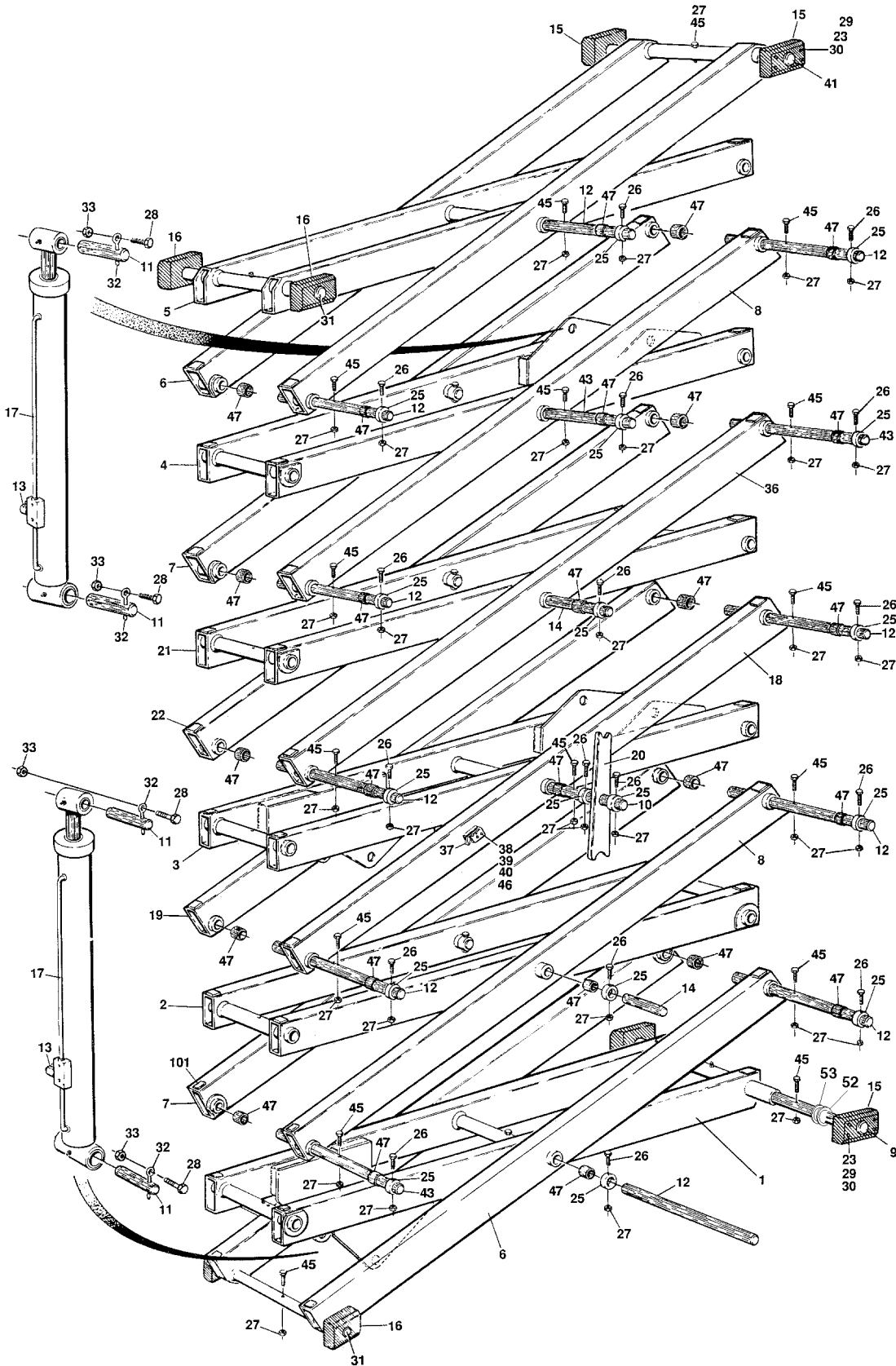
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SECTION 3 SCISSOR ARMS

FIGURE 3-2. SCISSOR ARMS INSTALLATION - MODEL 3969



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FIGURE 3-2. SCISSOR ARMS INSTALLATION - MODEL 3969

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0253761	SCISSOR ARMS INSTALLATION - STANDARD	Ref.	12
1	0200495	Arm Weldment (Lower Inboard)	1	
2	0200496	Arm Weldment (2nd Inboard)	1	
3	0200497	Arm Weldment (3rd Inboard)		
4	0200498	Arm Weldment (5th Inboard)	1	
5	0200499	Arm Weldment (Top Inboard)	1	
6	0200500	Arm Weldment (Lower and Top Outboard)	2	
7	0200501	Arm Weldment (2nd and 5th Outboard Left Side)	2	
8	0200502	Arm Weldment (2nd and 5th Outboard Right Side)	2	
9	3422199	Pin, Pivot	1	
10	3422200	Pin, Pivot	1	
11	3422201	Pin, Cylinder Attach	4	
12	3422202	Pin, Pivot	10	
13	4640381	Holding Valve Assembly	2	
	7000644	Coil (Hydraforce Version)	A/R	
	7004334	Coil (Modular Controls Version)	A/R	
	2900756	Seal Kit (Hydraforce Version)	A/R	
	2900503	Seal Kit (Modular Controls Version)	A/R	
14	3422204	Pin, Pivot	4	
15	3340669	Pad, Sliding (Bolt On)	4	
16	3340675	Pad, Sliding (Pivoting)	4	
17	1682935	Lift Cylinder Assembly (See Section 5 for Breakdown)	2	
18	0200503	Arm Weldment (3rd Outboard Right Side)	1	
19	0200504	Arm Weldment (3rd Outboard Left Side)	1	
20	3538343	Prop, Safety	2	
	4844380	Prop, Safety (S/N's 11657, 12289 and 12651 Only)	2	
21	0200523	Arm Weldment (4th Inboard)	1	
22	0200522	Arm Weldment (4th Outboard Left Side)	1	
23	4751600	Flatwasher 3/8"	32	
24	0961756	Bushing, Spacer (S/N's 11657, 12289 and 12651 Only) (Not Shown - Located at Item 20)	2	
25	1440227	Collar	34	
26	0641528	Bolt 5/16"-18NC x 3 1/2"	56	
27	3311505	Locknut 5/16"-18NC	56	
28	0630471	Bolt, Special	4	
29	0641624	Bolt 3/8"-16NC x 3"	16	
30	3311605	Locknut 3/8"-16NC	18	
31	3422275	Pin, Pivot	2	
32	3841203	Pin, Keeper	4	
33	3311805	Locknut 1/2"-13NC	4	
34	0232139	Lock, Prop (Right Side) (S/N's 11657, 12289 and 12651 Only) (Not Shown - Located at Item 20)	1	
35	0232140	Lock, Prop (Left Side) (S/N's 11657, 12289 and 12651 Only) (Not Shown - Located at Item 20)	1	
36	0200524	Arm Weldment (4th Outboard Right Side)	1	
37	2940081	Latch	2	
38	0641405	Bolt 1/4"-20NC x 5/8"	8	
39	4751400	Flatwasher 1/4"	8	

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FIGURE 3-2. SCISSOR ARMS INSTALLATION - MODEL 3969 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
40	4761400	Lockwasher 1/4"	8	
41	3422416	Pin, Pivot	1	
42	Not Used			
43	3422202	Pin, Pivot	3	
44	Not Used			
45	0641526	Bolt 5/16"-18NC x 3 1/4"	19	
46	0902156	Bracket	2	
47	0961664	Bushing, Gar-Max	26	
48	1320061	Clamp, Cable (Not Shown) (Prior to S/N 68667)	8	
49	4300038	Stud (Welded on Part) (Not Shown) (Prior to S/N 68667)	8	
50	4761500	Lockwasher 5/16" (Not Shown) (Prior to S/N 68667)	8	
51	3311501	Nut 5/16"-18NC (Not Shown) (Prior to S/N 68667)	8	
52	4070964	Shim (S/N 37453 to Present)	2	
53	4740229	Shims, Washer (S/N 37453 to Present)	2	
	2901326	Sizzor Arms Kit (Includes Items 1-8, 18, 19-22 and 36)	1	
	0254475	ARM PADS INSTALLATION	Ref.	3
101	3340645	Pad (Prior to S/N 47469)	40	
	3340841	Pad (S/N 47469 to S/N 53856)	40	
	3340848	Pad (S/N 53856 to Present)	40	
	0257363	PLATFORM CONTROL BOX CABLE ROUTING INSTALLATION (NOT SHOWN) (PRIOR TO S/N 68667)	Ref.	1
151	4240033	Strap, Tie	8	
	1320061	Clamp	13	
	0641508	Bolt 5/16"-18NC x 1"	12	
	4751500	Flatwasher 5/16"	24	
	3311505	Locknut 5/16"-18NC	12	
	0259833	PLATFORM CONTROL BOX CABLE ROUTING INSTALLATION (NOT SHOWN) (S/N 68667 TO PRESENT)	Ref.	
151	1320061	Clamp	8	
	0641408	Bolt 1/4"-20NC x 1"	8	
	4751400	Flatwasher 1/4"	16	
	3311405	Locknut 1/4"-20NC	8	

SECTION 3 SCISSOR ARMS

SECTION 3 SCISSOR ARMS

FIGURE 3-2. SCISSOR ARMS INSTALLATION - MODEL 3969 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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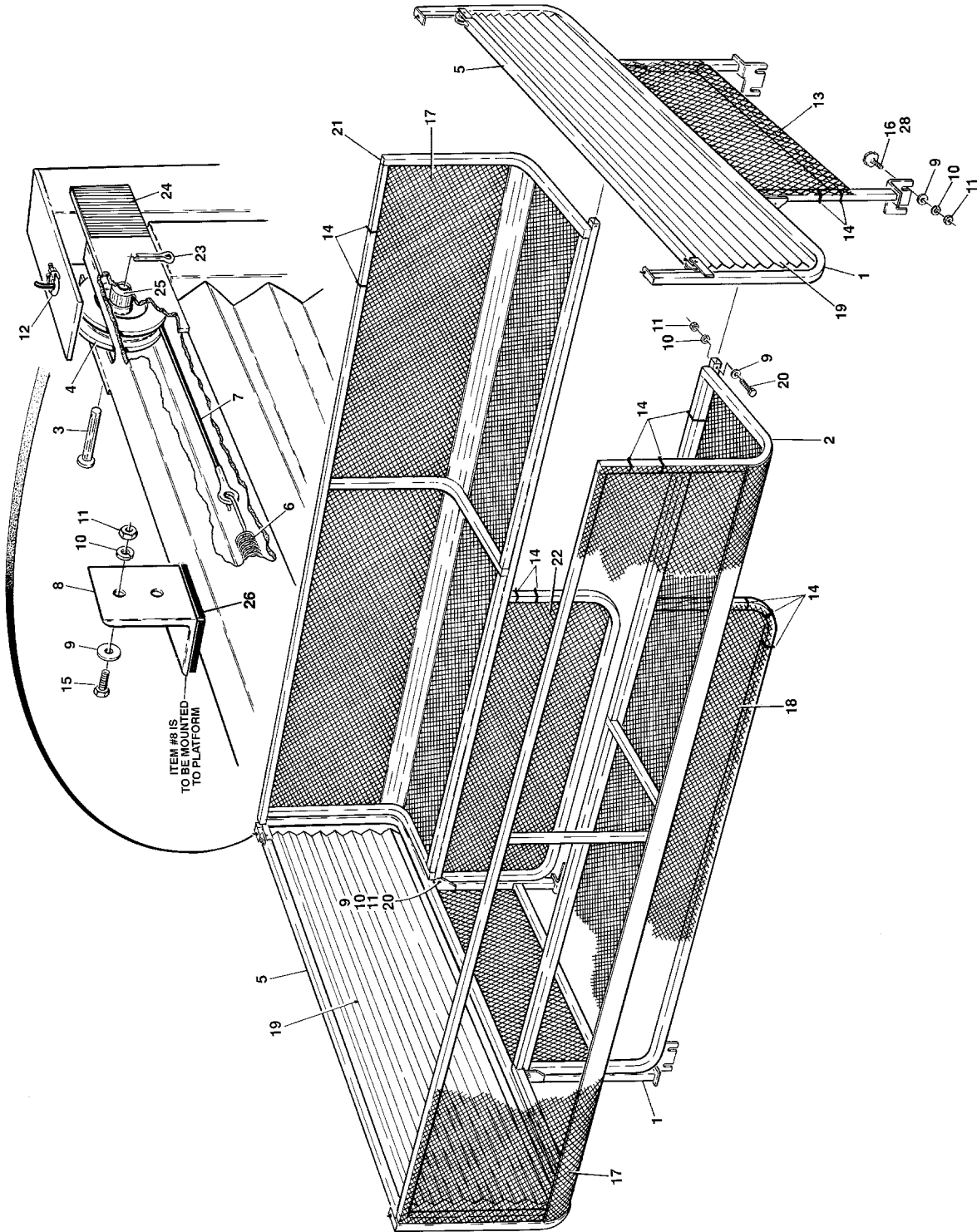
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SECTION 3 SCISSOR ARMS

FIGURE 3-3. ARM GUARD INSTALLATION

SECTION 3 SCISSOR ARMS



SECTION 3 SCISSOR ARMS

FIGURE 3-3. ARM GUARD INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254374	ARM GUARD INSTALLATION	Ref.	7
1	4844624	Weldment, Arm Guard End Rail	2	
2	4844625	Weldment, Arm Guard Side	1	
3	3430416	Pin Clevis 1/4" x 2"	4	
4	3580228	Sheave, Cable	4	
5	4844856	Weldment, Tube	2	
6	4160122	Spring	2	
7	1060578	Cable	4	
8	0181737	Angle	4	
9	4751500	Flatwasher 5/16"	24	
10	4761500	Lockwasher 5/16" (Prior to S/N 80825)	16	
11	3311505	Locknut 5/16"-18NC	16	
12	1320217	Clip, Wire	4	
13	4060862	Netting, Arm Guard	2	
14	4240023	Strap, Tie	104	
15	0641508	Bolt 5/16"-18NC x 1"	4	
16	4300038	Stud 5/16"-18NC x 1" (Welded Part) (Prior to February 1995)	8	
17	4060861	Netting, Arm Guard	2	
18	4060864	Netting, Arm Guard	1	
19	4060860	Guard, Accordion	2	
20	0641516	Bolt 5/16"-18NC x 2"	4	
21	4844692	Weldment, Arm Guard Side	1	
22	4060863	Netting, Arm Guard	1	
23	3450203	Cotter Pin	4	
24	4420055	Tape	8in/20.3cm	
25	4562083	Tube, Spacer	8	
26		Pad Options:	4	
	3340645	Pad (Prior to S/N 47115)		
	3340841	Pad (S/N 47115 to Present)		
27	Not Used			
28	0641510	Bolt 5/16"-18NC x 1 1/4"	8	
	2901867	Kit, Netting (Includes Items 13, 17, 18 & 22)	1	1

SECTION 3 SCISSOR ARMS

FIGURE 3-3. ARM GUARD INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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SECTION 4 PLATFORM

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SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	3510410	PLATFORM WELDMENT	1	
		HANDRAIL INSTALLATION OPTIONS:	Ref.	
	0253940	Handrails Without Extension	Ref.	8
	0253939	Handrails With Extension	Ref.	12
	0257361	Handrails With Swing Gate (S/N 33811 to Present)	Ref.	4
1	3640857	Rail Weldment - Side	2	
2		Rail Weldment - Rear Options:	1	
	3640859	Rail Weldment - Rear		
	4845494	Rail Weldment With Swing Gate - Rear		
3	0901870	Bracket	2	
4	Not Required			
5	Not Required			
6	Not Required			
7	0641420	Bolt 1/4"-20NC x 2 1/2"	A/R	
8	4711400	Flatwasher 1/4" Narrow	A/R	
9	4420055	Tape	1ft./31cm	
10	3311405	Locknut 1/4"-20NC	A/R	
11		Rail Weldment	1	
	3640860	Rail Weldment - With Out Extension		
	3640860	Rail Weldment - With Extension		
	Not Required	Rail Weldment - With Swing Gate		
12	0641416	Bolt 1/4"-20NC x 2"	2	
13	3422219	Spring Pin	A/R	
14	1060379	Cable, Lanyard	A/R	
15	0961845	Bushing	6	
16	0641406	Bolt 1/4"-20NC x 3/4"	A/R	
17		Kick Plate Options:	1	
	3536936	Kick Plate - With Out Extension		
	Not Required	Kick Plate - With Extension		
	Not Required	Kick Plate - With Swing Gate		
18	3520072	Plug, Cap	A/R	
19		Rail Weldment - Front Options:	1	
	3640858	Rail Weldment With Out Extension		
	Not Required	Rail Weldment With Extension		
	Not Required	Rail Weldment With Swing Gate		
20	3252234	Decal (Prior to S/N 56271)	1	
21	Not Used			
22		Plate, Kick Options:	1	
	3536987	Plate, Kick - With Drop Gate		
	Not Required	Plate, Kick - With Swing Gate		
23	4160028	Spring (Machines With Swing Gate Option Only)	1	
24	4751500	Flatwasher 5/16"	4	
25	Not Used			
26	0641420	Bolt 1/4"-20NC x 2 1/2"	12	

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FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
27	3760170 Not Required Not Required	Ring Options: Ring - With Out Extension Ring - Machine With Extension Ring - Machine With Swing Gate	A/R	
28	2600201 Not Required Not Required	Hinge Options: Hinge - With Out Extension Hinge - With Extension Hinge - With Swing Gate	1	
29	4740411	Washer, Nylon	20	
30	3300375	Nut, Binding	2	
31	3900184	Screw, Special	2	
32	Not Required			
33	Not Required			
34	2940074	Latch (Machines With Swing Gate Option Only)	1	
35	3911014	Screw #10-24NC x 7/8" (Machines With Swing Gate Option Only)	4	
36	3311005	Locknut #10-24NC (Machines With Swing Gate Option Only)	4	
37	4751000	Flatwasher #10 (Machines With Swing Gate Option Only)	4	
38	0100011	Loctite #242 (Not Shown)	A/R	
	0254828	WORKLIGHTS INSTALLATION - 3369 (OPTIONAL)	Ref.	B
	0254829	WORKLIGHTS INSTALLATION - 3969 (OPTIONAL)	Ref.	2
101	2920095 1060341 0901930 0641416 3311405 4240033	Worklight Cable, Electrical - 16-2 Bracket Bolt 1/4"-20NC x 2" Locknut 1/4"-20NC Strap, Tie	2 A/R 2 2 2 14	
	0255032	BEACON LIGHT INSTALLATION - 3369 (OPTIONAL)	Ref.	A
	0255034	BEACON LIGHT INSTALLATION - 3969 (OPTIONAL)	Ref.	A
201	4060865 2920119 7016319 7016320 2920146 7016319 7016372 0721006 4751000 3311005 1060341	Shield, Cage Light, Beacon (Prior to S/N 23604) Bulb, Flash Bulb Lens, Amber Light, Beacon (S/N 23604 to Present) Bulb, Flash Bulb Lens, Amber Screw, Machine #10-24NC x 3/4" Flatwasher #10 Locknut #10-24NC Cable, Electrical 16/2	1 1 1 1 1 1 1 2 4 2 A/R	

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FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254825	110 VOLT RECEPTACLE INSTALLATION - MODEL 3369 (OPTIONAL)	Ref.	5
	0254826	110 VOLT RECEPTACLE INSTALLATION - MODEL 3969 (OPTIONAL)	Ref.	4
	0255786	220 VOLT RECEPTACLE INSTALLATION - MODEL 3369 (OPTIONAL)	Ref.	2
	0255787	220 VOLT RECEPTACLE INSTALLATION - MODEL 3969 (OPTIONAL)	Ref.	2
301	Supply Locally	Box, Mounting	1	
302	Supply Locally	Receptacle	1	
303	Supply Locally	Shield, Cover	1	
304	3538051	Plate, Mounting	1	
305	0641406	Bolt 1/4"-20NC x 3/4"	2	
306	4751400	Flatwasher 1/4"	4	
307	3311405	Locknut 1/4"-20NC	2	
308	1320061	Clamp	A/R	
309	4240033	Strap, Tie	10	
310	1060308	Cable, Electrical - 12-3 Options: (Prior to S/N 45013)	A/R	
	1060461	Cable, Electrical - 12-3 Options: (S/N 45013 to Present)	A/R	
		Model 3369 (Prior to S/N 45013)	80ft./24.4m	
		Model 3369 (S/N 45013 to Present)	60ft./18.3m	
		Model 3969 (Prior to S/N 45013)	90ft./27.4m	
		Model 3969 (S/N 45013 to Present)	65ft./19.8m	
311	Supply Locally	Plug, Connector	1	
312	1700598	Decal - Ground (Prior to S/N 50044)	2	
313	1700599	Decal - Neutral (Prior to S/N 50044)	2	
314	Supply Locally	Connector, Strain Relief	1	
315	Supply Locally	Bushing	1	
316	4060805	Shield, Flex Trim (S/N 50044 to Present)	10in./25.4cm	
317	4761500	Lockwasher 5/16" (S/N 50044 to Present)	4	
318	3311501	Nut 5/16"-18NC (S/N 50044 to Present)	4	
	0255213	LIMIT SWITCH INSTALLATION	Ref.	4
401	Not Used			
402	4360300	Switch, Limit	1	
403 - 406	Not Used			
407	4460049	Connector, Strain Relief	1	
408	3910832	Screw, Machine #8-32NC x 2" (Prior to S/N 49916)	4	
	3910832	Screw, Machine #10-24NC x 2" (S/N 49916 to Present)	4	
409	4750800	Flatwasher #8 (Prior to S/N 49916)	4	
	4751000	Flatwasher #10 (S/N 49916 to Present)	4	
410	4760800	Lockwasher #8 (Prior to S/N 49916)	4	
	4761000	Lockwasher #10 (S/N 49916 to Present)	4	
411	3310801	Nut #8-32NC (Prior to S/N 49916)	4	
	3311001	Nut #10-24NC (S/N 49916 to Present)	4	
412	3440413	Rollpin	1	

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FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
413	0902106	Bracket	1	
414	4751600	Flatwasher 3/8"	2	
415	1100092	Cam	1	
416	3951512	Setscrew 5/16"-18NC x 1 1/4"	2	
	0257371	D-RING INSTALLATION (OPTIONAL)	Ref.	1
501	3760321	D-Ring, Swivel Ring	4	
502	0630476	Button Head Screw 5/16"-18NC x 3/4"	16	
503	4761500	Lockwasher 5/16"	16	
504	1703175	Decal - Anchorage Point	4	
505	3510583	Deck Weldment	1	
	0258828	AC CABLE INSTALLATION - 3369 (AUSTRALIAN SPEC.) (S/N 50044 TO PRESENT)	Ref.	1
	0258829	AC CABLE INSTALLATION - 3969 (AUSTRALIAN SPEC.) (S/N 50044 TO PRESENT)	Ref.	1
551 - 554	Not Used			
555	1320061	Clamp	6	
556	4240033	Strap, Tie	10	
557	1060461	Cable, Electrical - 12/3 Options:		
		3369	65ft/19.8m	
		3969	70ft/21.3m	
558	3311501	Nut 5/16"-18NC	4	
559	4761500	Lockwasher 5/16"	4	
560	4060805	Trim, Loom (Not Shown)	1ft/0.30m	

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FIGURE 4-1. PLATFORM COMPONENTS INSTALLATION (CONTINUED)

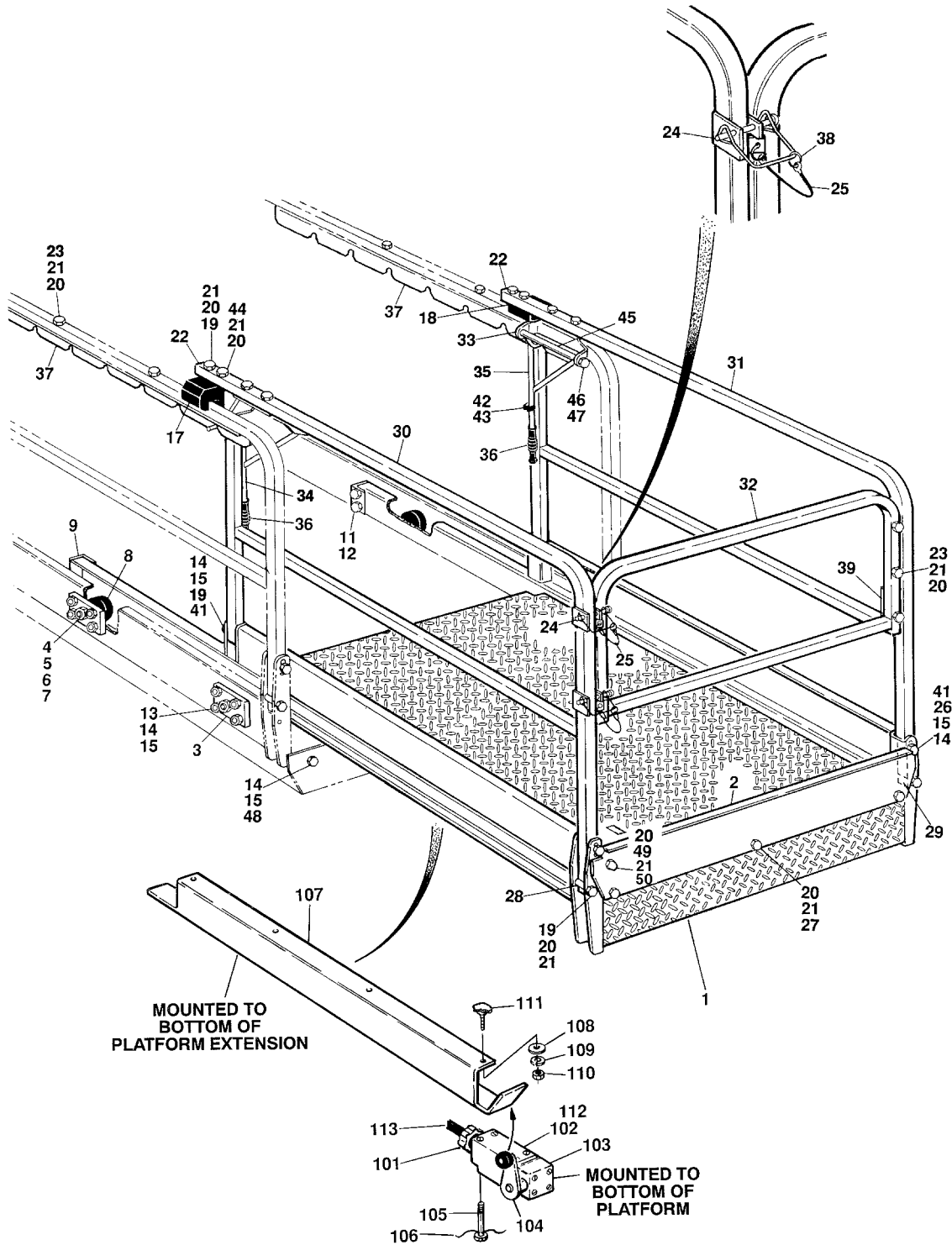
FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 4-2. MANUAL PLATFORM EXTENSION INSTALLATION

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FIGURE 4-2. MANUAL PLATFORM EXTENSION INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254476	MANUAL PLATFORM EXTENSION INSTALLATION	Ref.	8
1	3510446	Extension Weldment	1	
2		Kick Plate - Front Options:	1	
	3537610	Prior to S/N 69983		
	3571800	S/N 69983 to Present		
3	3537619	Plate, Support (Roller)	4	
4	3841233	Rod, Support (Roller)	4	
5	3312202	Nut, Jam 3/4"-10NC	4	
	3322202	Nut, Jam 3/4"-16NF	4	
6	3760348	Ring, Retainer	4	
7	4752200	Flatwasher 3/4"	4	
8	3860059	Roller	4	
9	3536639	Plate	2	
10	Not Used			
11	0641607	Bolt 3/8"-16NC x 7/8"	4	
12	4761600	Lockwasher 3/8"	4	
13	0641510	Bolt 5/16"-18NC x 1 1/4"	16	
14	4711500	Flatwasher 5/16"	16	
15	3311505	Locknut 5/16"-18NC (Prior to S/N 69983)	16	
16	Not Used			
17	3340653	Pad, Slide	2	
18	4070829	Shim	4	
19	0641420	Bolt 1/4"-20NC x 2 1/2"	10	
20	4751400	Flatwasher 1/4"	70	
21	3311405	Locknut 1/4"-20NC	50	
22	3520072	Plug, Cap	8	
23	0641416	Bolt 1/4"-20NC x 2"	18	
24	3422219	Spring Pin	4	
25	1060379	Cable, Lanyard	4	
26	Not Used			
27	0641406	Bolt 1/4"-20NC x 3/4"	4	
28	0961845	Bushing	2	
29	4420055	Tape	3in./8cm	
30	3640916	Rail Weldment (Right Side)	1	
31	3640917	Rail Weldment (Left Side)	1	
32	3640918	Rail Weldment (Front)	1	
33	3537609	Plate, Pivot	2	
34	4844683	Handle Weldment (Right Side)	1	
35	4844684	Handle Weldment (Left Side)	1	
36	2560088	Grip	2	
37	3537615	Plate, Latch	2	
38	3760170	Ring	2	
39	2600201	Hinge	1	
40	Not Used			
41	4740411	Washer, Nylon	16	
42	1380132	Clip, Grip	2	

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FIGURE 4-2. MANUAL PLATFORM EXTENSION INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
43	3941004	Screw, Self-Tapping #10 x 1/2"	2	
44	3911440	Screw 1/4"-20NC x 2 1/2"	4	
45	0641676	Bolt 3/8"-16NC x 9 1/2"	2	
46	3311605	Locknut 3/8"-16NC	2	
47	4711600	Flatwasher 3/8" Narrow	4	
48	0940049	Bumper	2	
49	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 69983)	2	
50	0641405	Bolt 1/4"-20NC x 5/8" (S/N 69983 to Present)	2	
	0255254	PLATFORM EXTENSION LIMIT SWITCH INSTALLATION (FRENCH AND ITALIAN SPEC) (PRIOR TO S/N29596)	Ref.	B
101	4460052	Connector, Strain Relief	1	
102	4360277	Switch, Limit	1	
103	4360236	Head, Switch Actuator	1	
104	4360278	Roller and Arm Assembly	1	
105	3900168	Screw, Special	2	
106	4920140	Lockwire	A/R	
107	1100093	Cam, Limit Switch	1	
108	4751400	Flatwasher 1/4"	4	
109	4761400	Lockwasher 1/4"	4	
110	3311401	Nut 1/4"-20NC	4	
111	4300084	Stud, Weld (Welded Part)	4	
112	4460298	Block, Terminal	1	
113	1060341	Cable, Electrical 16/2	90ft./27.4m	

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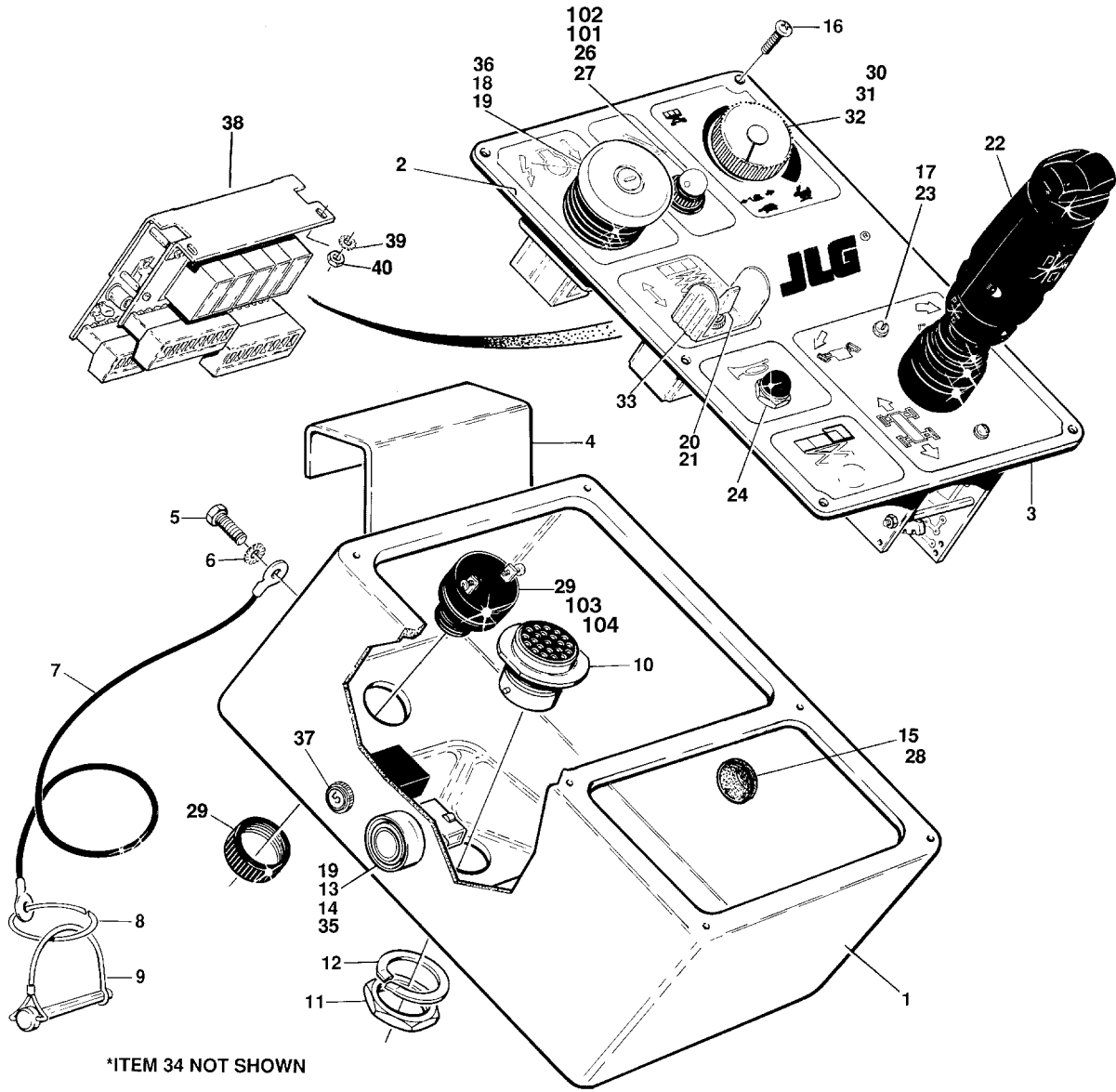
FIGURE 4-2. MANUAL PLATFORM EXTENSION INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 4-3.PLATFORM CONSOLE BOX ASSEMBLY (PRIOR TO S/N 71506)



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FIGURE 4-3. PLATFORM CONSOLE BOX ASSEMBLY (PRIOR TO S/N 71506)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254546	CONSOLE BOX ASSEMBLY (PRIOR TO S/N 29596)	Ref.	9
	0257162	CONSOLE BOX ASSEMBLY (S/N 29596 TO PRESENT)	Ref.	5
1	0860784	Box, Console	1	
2		Nameplate Options:	1	
	3252326	Nameplate (Prior to S/N 29596)		
	3252522	Nameplate (S/N 29596 to Present)		
3	4420008	Tape, Insulation	32in./ .8m	
4		Bracket, Hanger Options:	1	
	0901859	Bracket, Hanger (Prior to S/N 29596)		
	0902498	Bracket, Hanger (S/N 29596 to Present)		
5	0641404	Bolt 1/4"-20NC x 1/2"	4	
6	4791400	Starwasher 1/4"	4	
7	1060380	Lanyard - 10"/25.4cm	1	
8	3760170	Ring	1	
9	3421453	Pin, Snapper	1	
10	4460463	Receptacle, Terminal	1	
11	4460470	Nut, Panel	1	
12	4460471	Lockwasher	1	
13	4360339	Switch, Push Button	1	
	7012593	Boot, Green	1	
14	4360267	Switch, Contact - N.O.	1	
15	3520026	Plug	1	
16	3900177	Screw	6	
17	4740120	Washer, Nylon	2	
18		Switch, Push/Pull (Emergency Stop) Options:	1	
	4360317	Switch (Prior to S/N 29596)		
	7012566	Lens	1	
	7012517	Bulb	1	
	4360289	Switch (S/N 29596 to Present)		
	7012611	Push-Pull Mushroom Head	1	
	7012612	Boot	1	
19	4740066	Washer, Brass (June 1995 to Present)	2	
20	4360328	Switch, Toggle	1	
21	3790012	O-Ring	1	
22	1600180	Controller, PQ	1	
23	3900178	Screw #10-24NC x 3/4"	2	
24	4360274	Switch, Push Button (Prior to S/N 47782)	1	
25	Not Used			
26	4460578	Connector (Red) (Prior to S/N 50044)	2	
27	2920125	Light, Indicator (Red) (Prior to S/N 50044)	1	
28	0100009	Sealant, Silicone	A/R	
29	0140030	Alarm, Sonalert (Red) (Prior to S/N 50044)	1	
30		Potentiometer, Speed Control Options:	1	
	4360370	Prior to S/N 29596		
	4360445	S/N 29596 to Present		
31	3300352	Nut, Special (Prior to S/N 29596)	2	

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FIGURE 4-3. PLATFORM CONSOLE BOX ASSEMBLY (PRIOR TO S/N 71506) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
32		Knob, Speed Control Options:	1	
	2560121	Prior to S/N 29596		
	2560136	S/N 29596 to Present		
33	Not Used			
34	1701827	Decal - Legend	1	
35	4740066	Washer, Thrust (Prior to S/N 29596)	2	
36	4360282	Switch	1	
37	4360112	Breaker, Circuit - 5 Amp	1	
38	0610112	Card, Circuit	1	
39	4770600	Lockwasher #6	2	
40	3310601	Nut #6-32	2	
	0255064	OPTIONAL TILT INDICATOR INSTALLATION	Ref.	2
101	2920125	Light, Indicator (Red)	1	
102	4460578	Terminal	2	
103	0140030	Alarm, Sonalert	1	
104	0840026	Boot, Cable (S/N 50044 to Present)	2	
		OVERLOAD PROTECTION INSTALLATION (FRENCH SPEC. ONLY) (NOT SHOWN)	Ref	
	0255653	Prior to S/N 29596	Ref.	C
	0255241	S/N 29596 to S/N 71506	Ref.	—
	1060341	Cable, Electrical 18/2	25ft/7.6m	
	4921636	Wire	2ft/.61m	
	4921501	Wire	2ft/.61m	
	3990010	Diode 6Amp	5	
	2820026	Tubing, Vinyl	A/R	
	4460115	Terminal	4	
	4460035	Terminal, Splice	3	

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FIGURE 4-3. PLATFORM CONSOLE BOX ASSEMBLY (PRIOR TO S/N 71506) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

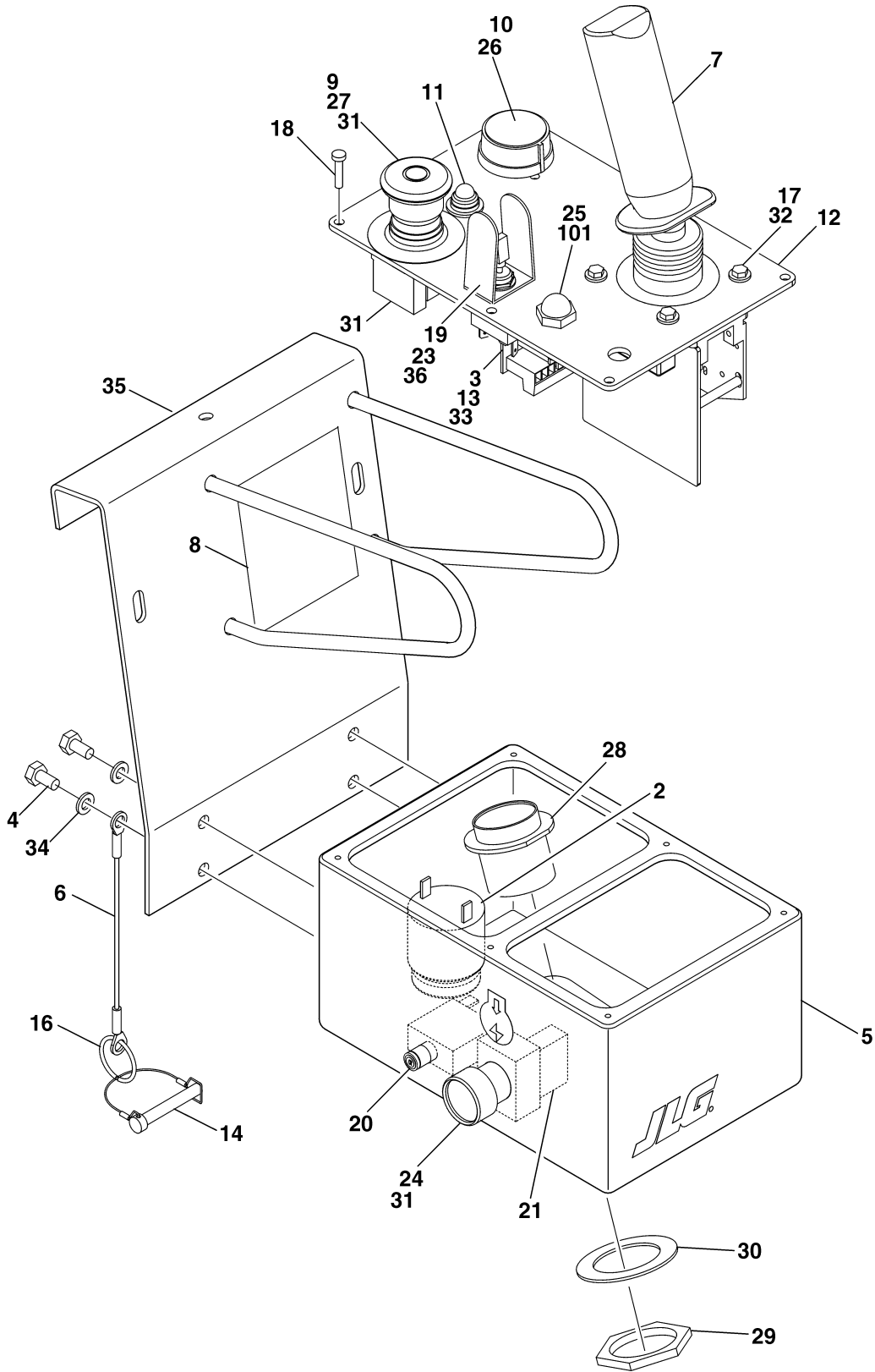
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FIGURE 4-4.PLATFORM CONSOLE BOX ASSEMBLY (S/N 71506 TO PRESENT)



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FIGURE 4-4. PLATFORM CONSOLE BOX ASSEMBLY (S/N 71506 TO PRESENT)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0259863	CONSOLE BOX ASSEMBLY	Ref.	C
1	0100009	Sealant (Not Shown)	A/R	
2	0140030	Alarm, Sonalert	1	
3	0610136	Circuit Card, W/Hardware	1	
4	0641404	Bolt 1/4"-20NC x 1/2"	4	
5		Box, Console Options:	1	
	0860784	Prior to S/N 83228		
	0861376	S/N 83228 to Present		
6	1060380	Lanyard - 10"/25.4cm	1	
7	1600301	Controller, PQ	1	
8	1701827	Decal - Symbol Legend	1	
9	1704260	Decal - EMS	1	
10	2560136	Knob, Speed Control	1	
11	2920125	Light, Indicator - Red	1	
12	3252662	Nameplate	1	
13	3310601	Nut #6-32NC	2	
14	3421453	Pin, Snapper	1	
15	Not Used			
16	3760170	Ring	1	
17	3900178	Screw #10-24NC x 3/4"	4	
18	3900265	Screw #8-18NC x 3/4"	6	
19	4060802	Guard, Switch	1	
20	4360112	Breaker, Circuit - 5 Amp	1	
21	4360267	Switch, Contact - N.O.	1	
22	4360282	EMS, Contact Block	1	
23	4360328	Switch, Toggle	1	
24	4360339	Switch, Push Button	1	
	7012593	Boot, Green	1	
25	4360387	Switch, Push Button	1	
26	4360445	Potentiometer, Speed Control	1	
27	4360475	Switch, Push/Pull (Emergency Stop)	1	
	7020175	Push-Pull Mushroom Head W/Seal	1	
	7020176	Contact Block W/Mount	1	
28		Plug, Male Options:	1	
	4460463	23 Pin Plug (Prior to S/N 77820)		
	4460503	31 Pin Plug (S/N 77820 to Present)		
29	4460470	Nut, Panel	1	
30	4460471	Lockwasher	1	
31	4740066	Washer, Brass	2	
32	4740120	Washer, Nylon	4	
33	4760600	Lockers #6	2	
34	4761400	Lockwasher 1/4"	4	
35	4845755	Bracket, Hanger	1	
36	3790012	O-Ring	1	

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FIGURE 4-4. PLATFORM CONSOLE BOX ASSEMBLY (S/N 71506 TO PRESENT) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
101	0258663	OPTIONAL HORN BUTTON INSTALLATION	Ref.	1
	4360274	Switch, Push Button	1	
		OVERLOAD PROTECTION INSTALLATION (FRENCH SPEC. ONLY) (NOT SHOWN)	Ref	
	0255241	S/N 71506 to S/N 75625	Ref.	—
	0270412	S/N 75625 to Present	Ref.	2
	1060341	Cable, Electrical 18/2	25ft/7.6m	
	4921636	Wire	2ft/.61m	
	4921501	Wire	2ft/.61m	
	3990010	Diode 6Amp	5	
	2820026	Tubing, Vinyl	A/R	
	4460115	Terminal	4	
	4460035	Terminal, Splice	3	
	3740087	Relay	1	
	4120027	Socket, Relay	1	
3740063	Spring, Relay	1		

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FIGURE 4-4. PLATFORM CONSOLE BOX ASSEMBLY (S/N 71506 TO PRESENT) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

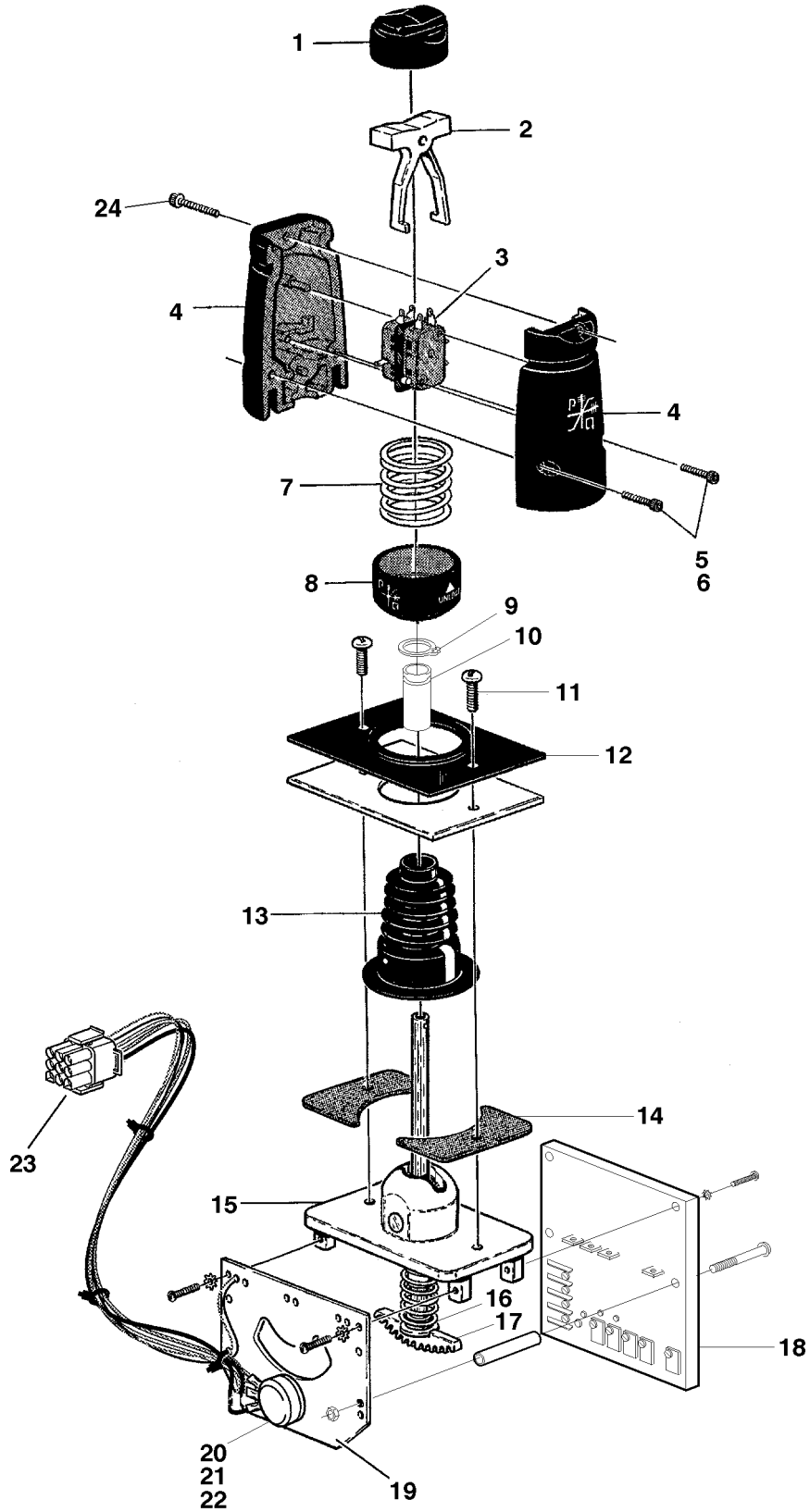
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FIGURE 4-5. CONTROLLER ASSEMBLY - PQ (PRIOR TO S/N 71506)



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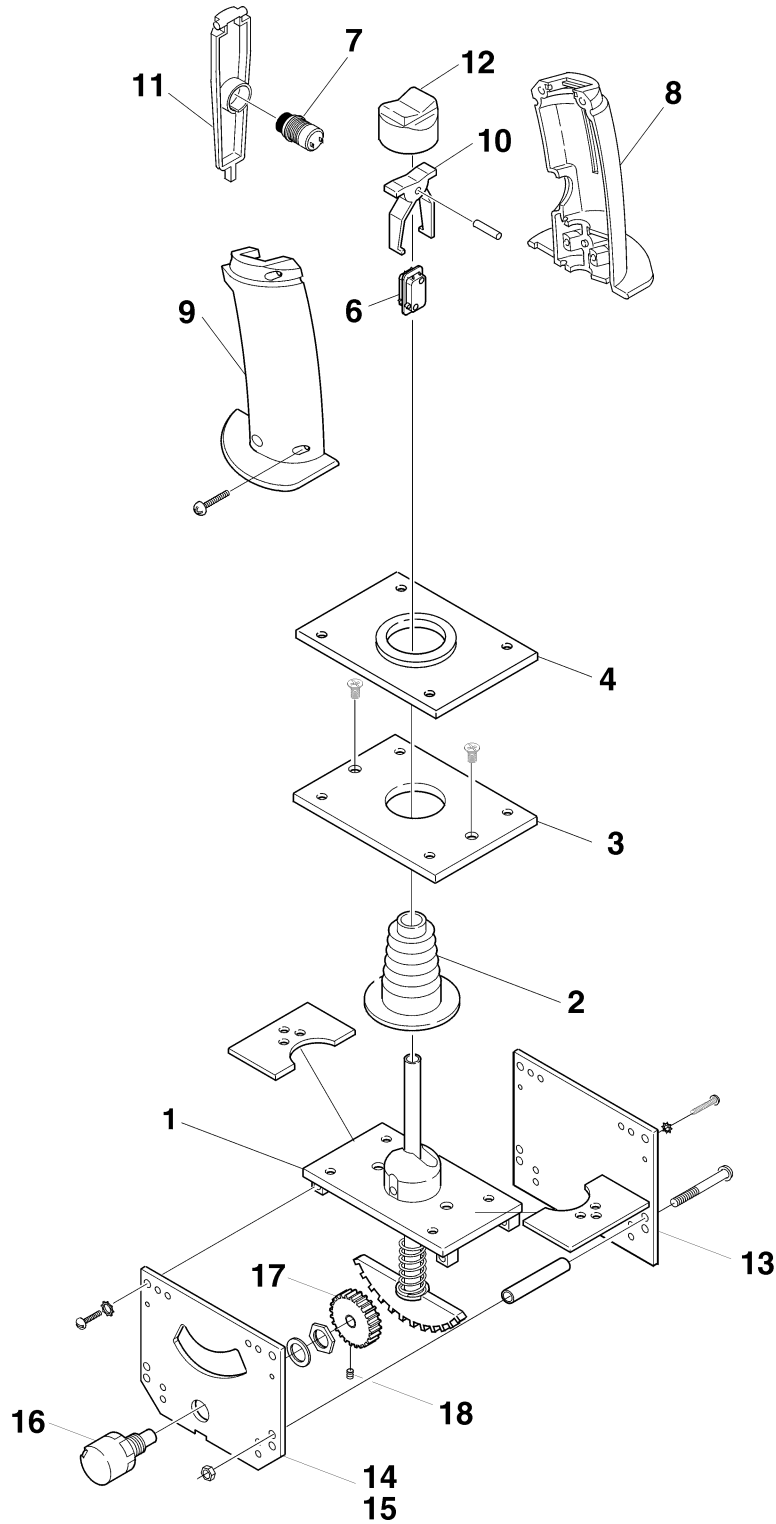
FIGURE 4-5. CONTROLLER ASSEMBLY - PQ (PRIOR TO S/N 71506)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	1600180	CONTROLLER ASSEMBLY - PQ	Ref.	B
1	7003790	Boot, Rocker Switch	1	
2	7003791	Actuator, Switch	1	
3	7003789	Switch Assembly	1	
4	7011976	Handle Half Assembly (2 Per)	1	
5	7011971	Screw #6-32NC x 5/8"	2	
	7011970	Nut #6-32NC	2	
6	7011972	Lockwasher #6	2	
7	7011934	Spring, Compression	1	
8	7011984	Knob, Lower Slide-Lock	1	
9	7011985	Ring, Snap	1	
10	7011986	Slide-Lock (Internal)	1	
11	7011989	Screw #10-32NC x 1/2"	2	
12	7011936	Gasket	1	
13	7003772	Boot	1	
14	7003774	Gasket, Lower	1	
15	7011932	Stem Assembly	1	
16	7011987	Spring	1	
17	7011988	Gear, Sector	1	
18	7011945	Electrical, Assembly	1	
19	7003780	Electrical Pot Assembly	1	
20	7003751	Pot With Out Wires	1	
21	7011940	Gear, Pinion	1	
22	7011983	Screw, Set	1	
23	4460266	Connector	1	
	4460226	Pin, Male	A/R	
24	7020536	Screw #6-32NC x 1"	1	
	7011970	Nut #6-32NC	2	

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FIGURE 4-6. CONTROLLER ASSEMBLY - PQ (S/N 71506 TO PRESENT)



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FIGURE 4-6. CONTROLLER ASSEMBLY - PQ (S/N 71506 TO PRESENT)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	1600301	CONTROLLER ASSEMBLY - PQ	Ref.	A
1	7020503	Handle/Housing Assembly	1	
2	7020520	Boot	1	
3	7020504	Plate, Mounting	1	
4	7020502	Gasket	1	
5	7011991	Grip Assembly	1	
6	7011992	Switch Assembly	1	
7	7020501	Switch, Pushbutton	1	
8	Use 7020514	Grip - Right Side (was p/n 7011993 & p/n 7020531)	1	
9	Use 7020514	Grip - Left Side (was p/n 7011994 & p/n 7020532)	1	
10	7003791	Actuator, Switch	1	
11	7011997	Trigger	1	
12	7003790	Boot, Rocker Switch	1	
13	7020526	Electrical, Assembly	1	
14	7003780	Electrical Pot Assembly	1	
15	7020509	Plate, Mounting - Potentiometer	1	
16	7003751	Pot With Out Wires	1	
17	7011940	Gear, Pinion	1	
18	7020511	Screw, Set	1	

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SECTION 4 PLATFORM

FIGURE 4-6. CONTROLLER ASSEMBLY - PQ (S/N 71506 TO PRESENT) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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SECTION 5 CYLINDER

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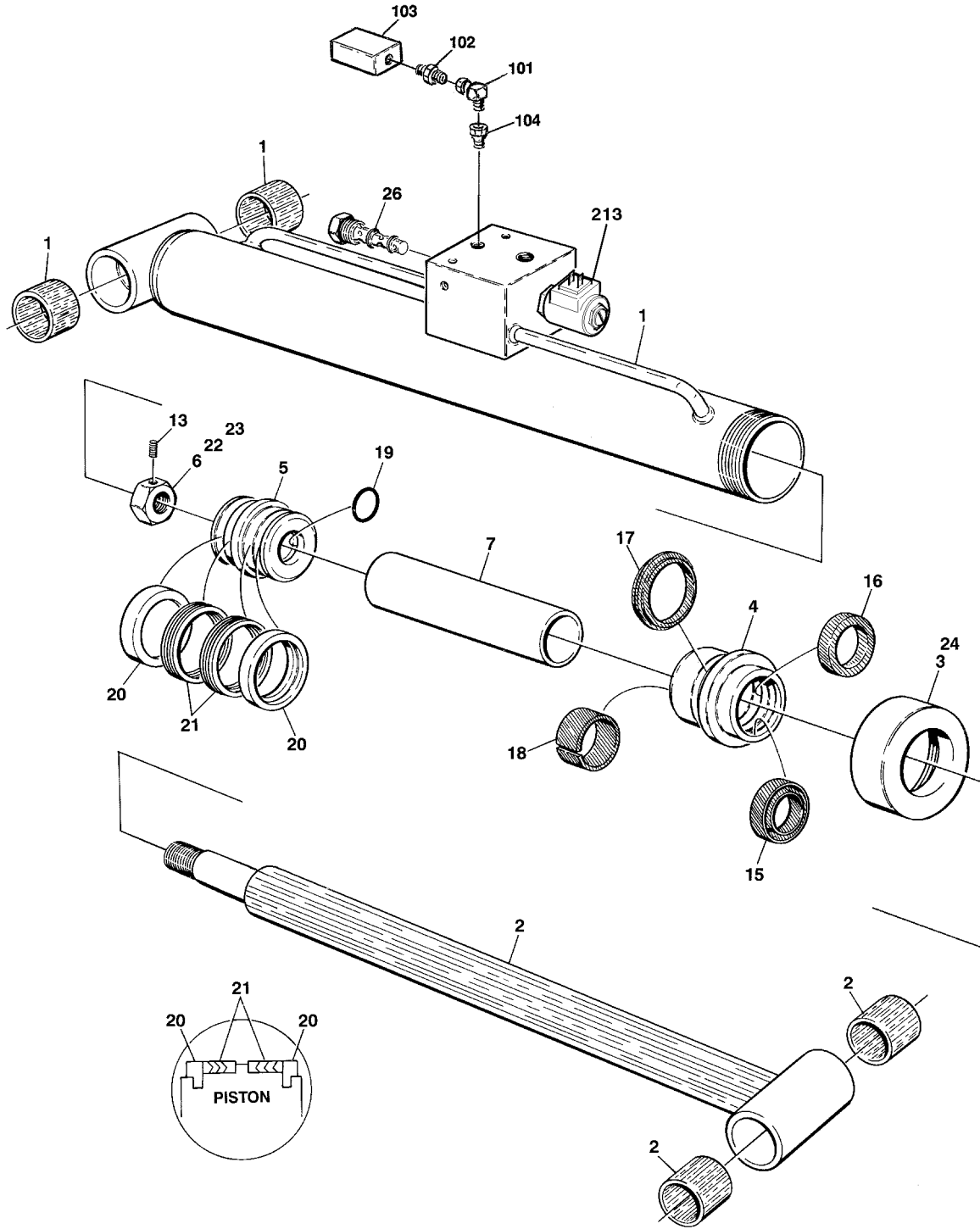
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SECTION 5 CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY



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FIGURE 5-1. LIFT CYLINDER ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	1682935	LIFT CYLINDER ASSEMBLY	Ref	3
1	1682936	Barrel Assembly	1	
	0961826	Bushing	2	
2	1682938	Rod Assembly	1	
	0961826	Bushing	2	
3	1120336	Retainer	1	
4	1681843	Head	1	
5	3480102	Piston	1	
6	3300281	Nut	1	
7	4566171	Spacer	1	
8	Not Used			
9	Not Used			
10	Not Used			
11	Not Used			
12	Not Used			
13	3900170	Set Screw	1	
14	Not Used			
15	Kit	Wiper, Rod	1	
16	Kit	Seal, Rod	1	
17	Kit	T-Seal	1	
18	Kit	Ring, Wear	1	
19	Kit	O-Ring	1	
20	Kit	Ring, Lock	2	
21	Kit	Seal, Piston	2	
22	0100011	Loctite #242	A/R	
23	0100038	Primer, Locking	A/R	
24	0100035	Loctite #222	A/R	
25	Not Used			
26	4640903	Valve, Thermal Relief	1	
	2901102	Seal Kit - 1682935 Cylinder (Includes Items 15-21)	1	
		OVERLOAD PROTECTION INSTALLATION (FRENCH SPEC. ONLY)	Ref	
	0255653	Prior to S/N 29596	Ref.	C
	0255241	S/N 29596 to S/N 75625	Ref.	—
	0270412	S/N 75625 to Present	Ref.	2
101	2220879	Fitting, 90°	1	
102	2220440	Fitting, Straight	1	
103	1692617	Switch, Pressure	1	
	4460428	Connector, Strain Relief	1	
	1060341	Cable, Electrical 18/2	25ft/7.6m	
104	2220273	Reducer	1	

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SECTION 5 CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		SCISSORS ARMS INSTALLATION COMPONENTS	Ref.	
201to 212 213	Not Used 4640381 7000644 7004334 2900756 2900503	Cartridge, Holding Valve Coil (Hydraforce Version) Coil (Modular Controls Version) Seal Kit (Hydraforce Version) Seal Kit (Modular Controls Version)	1 1 1 1 1	

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SECTION 5 CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

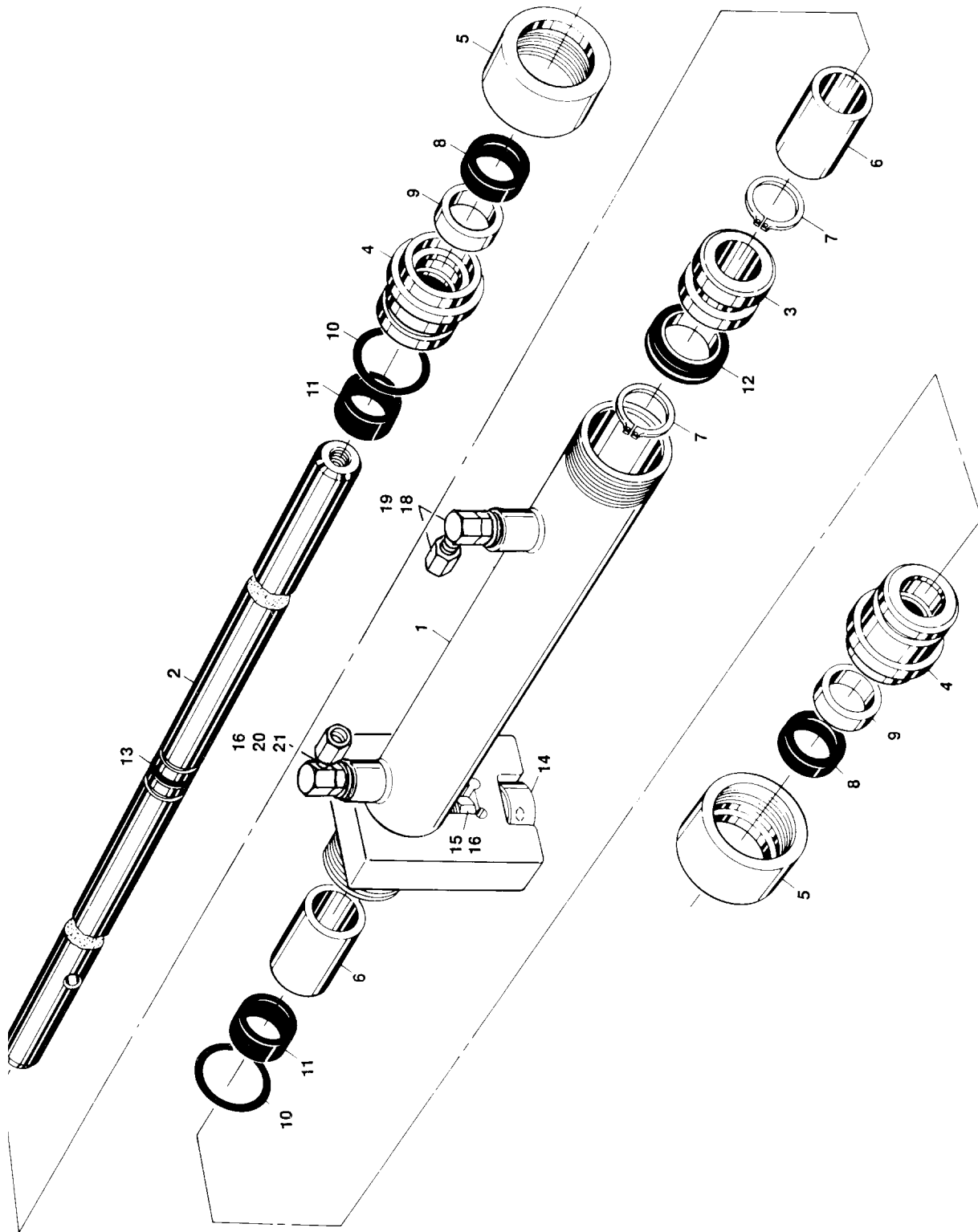
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FIGURE 5-2. STEER CYLINDER ASSEMBLY



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SECTION 5 CYLINDER

FIGURE 5-2. STEER CYLINDER ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		STEER CYLINDER ASSEMBLIES	Ref	
	1682527	Prior to S/N 47596	Ref	C
	1683695	S/N 47596 to Present	Ref	2
		Note: When replacing complete cylinder assembly p/n 1682527 use p/n 1683695 cylinder assembly as Service Replacement.	Ref.	
		Note: Original Equipment may have been replaced with Service Replacement components part. Identify the p/n stamped on cylinder before ordering parts.	Ref.	
1		Barrel Weldment Options:	1	
	1682528	Prior to S/N 47596		
	1683694	S/N 47596 to Present		
2	1682530	Rod	1	
3	3480153	Piston	1	
4	1682364	Head	2	
5	1120387	Retainer	2	
6	4565275	Spacer	2	
7	3760141	Ring, Retaining	2	
8	Kit	Seal, Wiper	2	
9	Kit	Seal, Rod	2	
10	Kit	O-Ring	2	
11	Kit	Ring, Wear	2	
12	Kit	T-Seal	1	
13	Kit	O-Ring	1	
14		Follower, Cam Options:	1	
	3860054	Prior to S/N 47596		
	3860080	S/N 47596 to Present		
15		Nut 1/2"-20NF Options:	1	
	3321801	Prior to S/N 47596		
	3321802	S/N 47596 to Present		
16	0100035	Loctite #222	A/R	
17	Not Used			
18	2220472	Fitting 90°	1	
19	2220515	Fitting, Cap	2	
20	2180699	Fitting, Modified	1	
21	2180394	Orifice	1	
	2901178	Seal Kit (Includes Items 8-13)	1	

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FIGURE 5-2. STEER CYLINDER ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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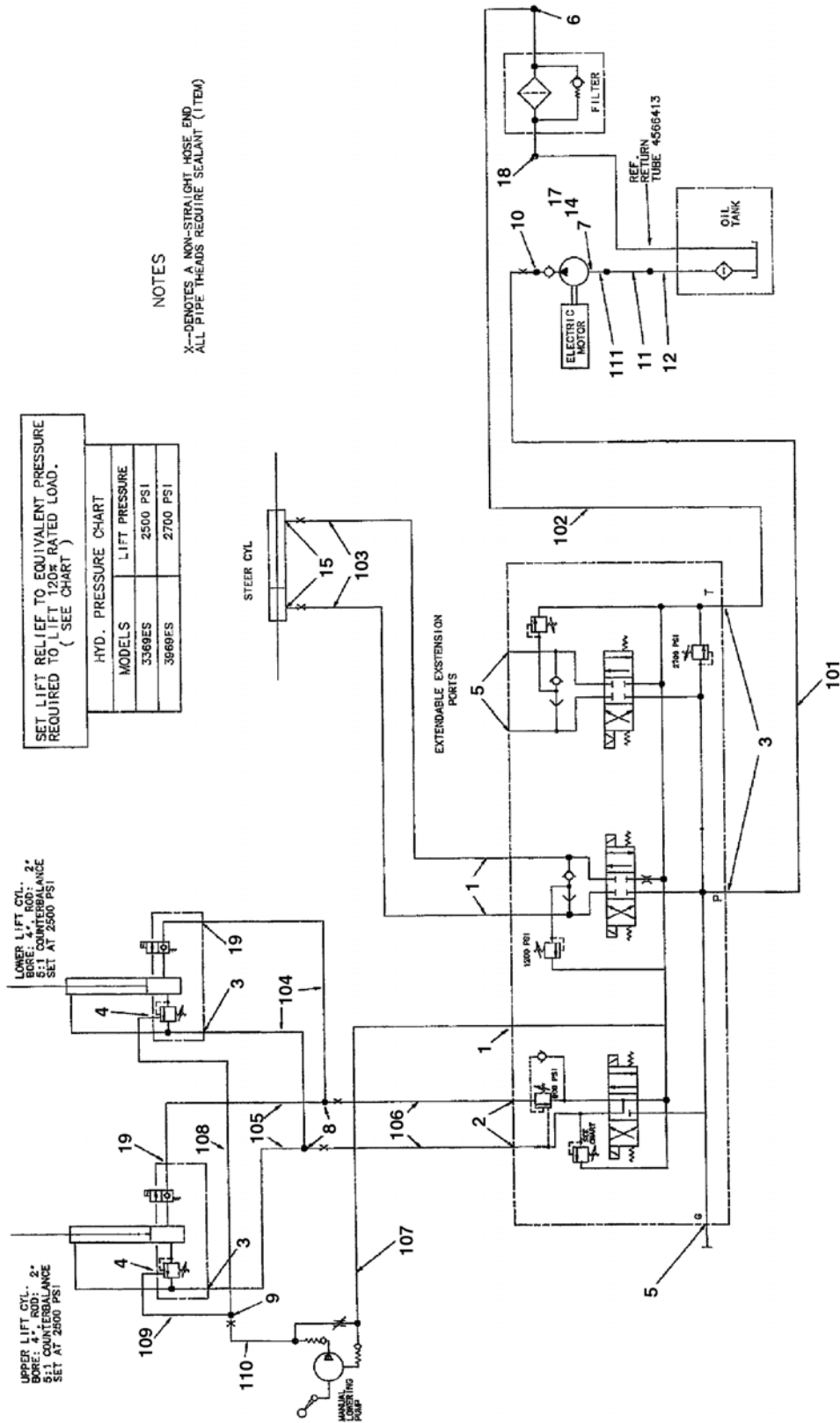
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SECTION 6 HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM



SECTION 6 HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	2792080	HYDRAULIC DIAGRAMS	Ref.	4
1	2220415	Fitting, Straight	4	
2	2220371	Fitting, Straight	2	
3	2220373	Fitting, Straight	6	
4	2220466	Fitting, 90°	3	
5	2220235	Fitting, Plug	3	
6	2220470	Fitting, 90°	1	
7	2220451	Fitting, Straight	1	
8	2220490	Fitting, Tee	2	
9	2220504	Fitting, Tee	1	
10	2220374	Fitting, Straight	1	
11	4566419	Tube	1	
12	4566414	Tube	1	
13	Not Used			
14	2210008	Fitting, 90°	1	
15	2220582	Fitting, Straight	2	
16	0100020	Sealant (Not Shown)	A/R	
17	1320033	Clamp	4	
18	2220347	Fitting, Straight	1	
19	2220497	Fitting, Straight	2	
	2901277	HYDRAULIC HOSE KITS	Ref.	B
101	2750968	Hose	1	
102	2752392	Hose	1	
103		Hose Options:	2	
	2750895	Prior to S/N 61791		
	2751906	S/N 61791 to Present		
104	2750998	Hose	2	
105	2752460	Hose	2	
106	2751160	Hose	2	
107	2752438	Hose	1	
108	2751407	Hose	1	
109	2751418	Hose	1	
110	2752448	Hose	1	
111	2720298	Hose, Suction - 3/4"	18"/46cm	

SECTION 6 HYDRAULIC

SECTION 6 HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 7-1. ELECTRICAL DIAGRAM LIST

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		Note: Diagrams with asterisks (*) Indicate electrical drawing shown in this manual. All other electrical drawings are available from the JLG Service Department upon request.		
	1282327	ALARM ELECTRICAL DIAGRAMS (REF. DRG. ONLY)	Ref.	B
	0255046	Descent Alarm Electrical Diagram (B/M Only)	Ref.	—
	0255044	Motion Alarm Electrical Diagram (B/M Only)	Ref.	A
	0255045	Travel Alarm Electrical Diagram (B/M Only)	Ref.	B
	0140031	Alarm	1	
	3990010	Diode - 6 Amp	1	
	1060341	Cable, Electrical - 16/2	7ft./2m	
	3740087	Relay	1	
	3740063	Clip, Spring	1	
	4120027	Socket, Relay	1	
	0254827	BEACON LIGHT ELECTRICAL DIAGRAM (FRAME MOUNTED)	Ref.	A
	2920119	Light, Beacon (Prior to S/N 23604)	1	
	2920146	Light, Beacon (S/N 23604 to Present)	1	
	1060341	Cable, Electrical - 16/2	121in./3m	
		BEACON LIGHT ELECTRICAL DIAGRAM (UNDER PLATFORM MOUNTED) (REF. DRG. ONLY)	Ref.	
	0255032	Electrical Diagram - Model 3369 (B/M Only)	Ref.	A
	0255034	Electrical Diagram - Model 3969 (B/M Only)	Ref.	A
	2920119	Light, Beacon (Prior to S/N 23604)	1	
	2920146	Light, Beacon (S/N 23604 to Present)	1	
	1060341	Cable, Electrical - 16/2 Options: Model 3369 Model 3969	A/R 73ft./22.3m 80ft./24.4m	
		GROUND TO PLATFORM ELECTRICAL HARNESS	Ref.	
		Model 3369 Options: Prior to S/N 58031	1	
	4921652	S/N 58031 to S/N 77820		
	4922246	S/N 77820 to Present		
	4922435	Model 3969 Options: Prior to S/N 58031	1	
	4921653	S/N 58031 to S/N 77820		
	4922247	S/N 77820 to Present		
	4922434			
	0255047	HORN ELECTRICAL DIAGRAM	Ref.	3
	0140028	Horn	1	
	1060341	Cable, Electrical - 16/2	8ft./2.4m	
	0840026	Boot, Terminal	2	
	3990010	Diode - 6 Amp (S/N 29014 to Present)	1	

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FIGURE 7-1.ELECTRICAL DIAGRAM LIST

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0255653	OVERLOAD PROTECTION INSTALLATION - FRENCH MACHINES (LOCATED ON LIFT CYLINDER) (PRIOR TO S/N 29596)	Ref.	A
	1692617	Switch, Pressure	1	
	1060341	Cable, Electrical - 16/2	A/R	
	3990010	Diode - 6 Amp	A/R	
	0610112	PLATFORM BOX CIRCUIT BOARD DIAGRAM	Ref.	—
		PLATFORM ELECTRICAL DIAGRAMS	Ref.	
	4932770	PLATFORM ELECTRICAL (PRIOR TO S/N 71506)	Ref.	5
	4360370	Switch, Potentiometer (Prior to S/N 30476)	1	
	3730001	Resistor 220 Ohm	1	
	3990051	Diode	1	
	4933121	PLATFORM ELECTRICAL (S/N 71506 TO PRESENT)	Ref.	1/C
	3730001	Resistor 220 Ohm	1	
	0255254	PLATFORM LIMIT SWITCH ELECTRICAL DIAGRAM (FRENCH AND ITALIAN SPEC)	Ref.	B
	4360277	Switch, Limit	1	
	1060341	Cable, Electrical - 16/2	90ft./27.4m	
		PLATFORM WORKLIGHT ELECTRICAL DIAGRAM (B/M ONLY) OPTIONS:	Ref.	
	0254828	Model 3369	Ref.	B
	0254829	Model 3969	Ref.	2
	2920095	Worklight	2	
	1060341	Cable, Electrical - 16/2 Options:	A/R	
		Model 3369	111ft./34m	
		Model 3969	118ft./36m	
	4932771	STANDARD ELECTRICAL DIAGRAM (EURO SPEC) (PRIOR TO S/N 42539)	Ref.	5
	4933020	STANDARD ELECTRICAL DIAGRAM (EURO SPEC) (S/N 42539 TO S/N 72550)	Ref.	3
	4933130*	STANDARD ELECTRICAL DIAGRAM (EURO SPEC) (S/N 72550 TO PRESENT)	Ref.	2
	4932823	STANDARD ELECTRICAL DIAGRAM (AUSTRALIAN SPEC) (PRIOR TO S/N 72550)	Ref.	4
	4933131*	STANDARD ELECTRICAL DIAGRAM (AUSTRALIAN SPEC) (S/N 72550 TO PRESENT)	Ref.	2
	3990010	Diode - 6 Amp	7	
	3990001	Diode - 3.5 Amp	A/R	
	1060341	Cable, Electrical - 16/2	A/R	
	1060079	Cable, Electrical - 16/4	A/R	
	3730107	Resistor - 1.5K ohms - 3 Watts (Prior to S/N 72550)	1	
	3730108	Resistor - 3.9K ohms - 1/4 Watts	1	
	4921701	Harness - Battery Charger (Euro Spec)	1	
	4921779	Harness - Battery Charger (Australian Spec)	1	

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FIGURE 7-1.ELECTRICAL DIAGRAM LIST

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	1870035*	STANDARD ELECTRICAL SCHEMATIC	Ref.	A

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FIGURE 7-1.ELECTRICAL DIAGRAM LIST

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

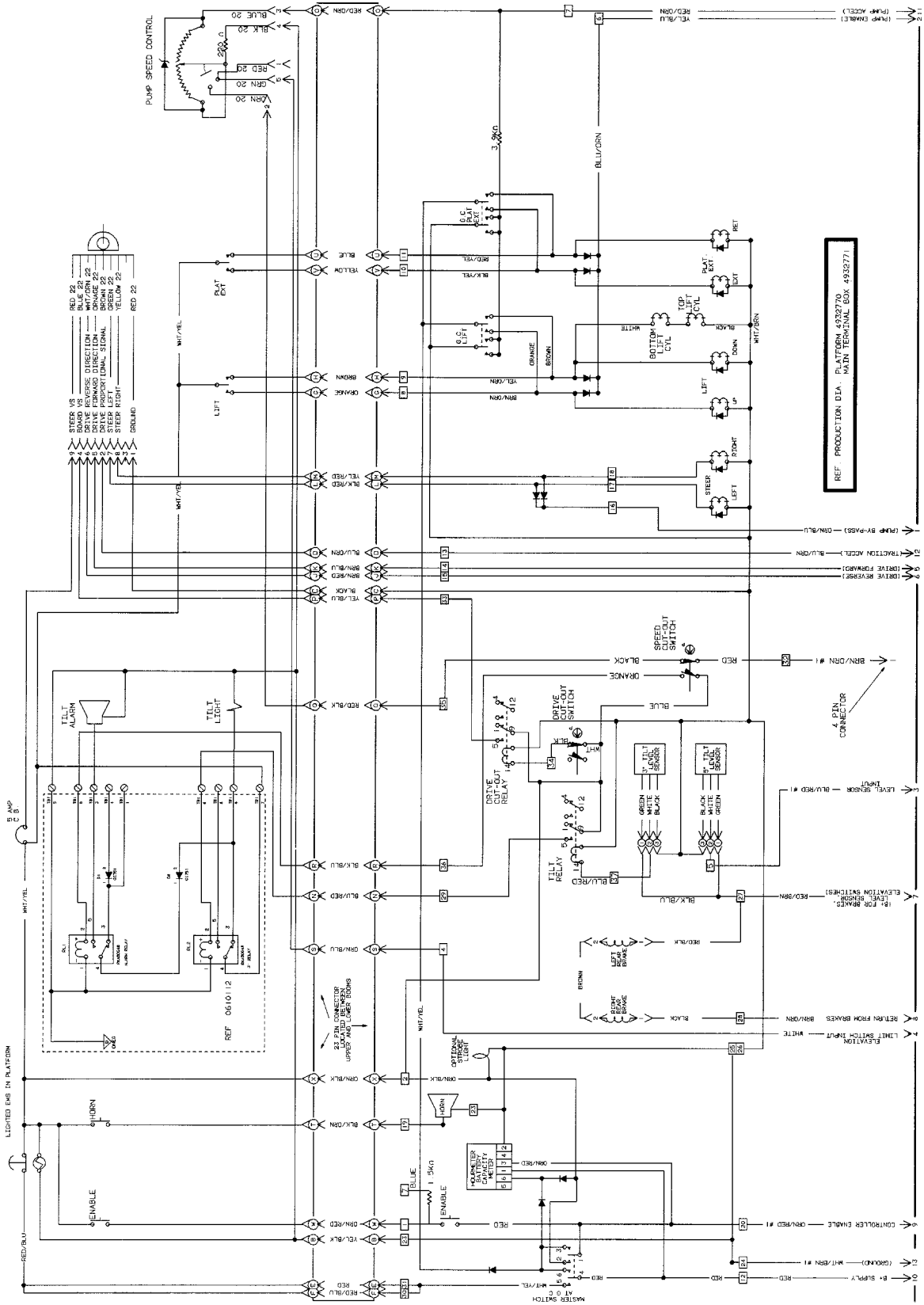
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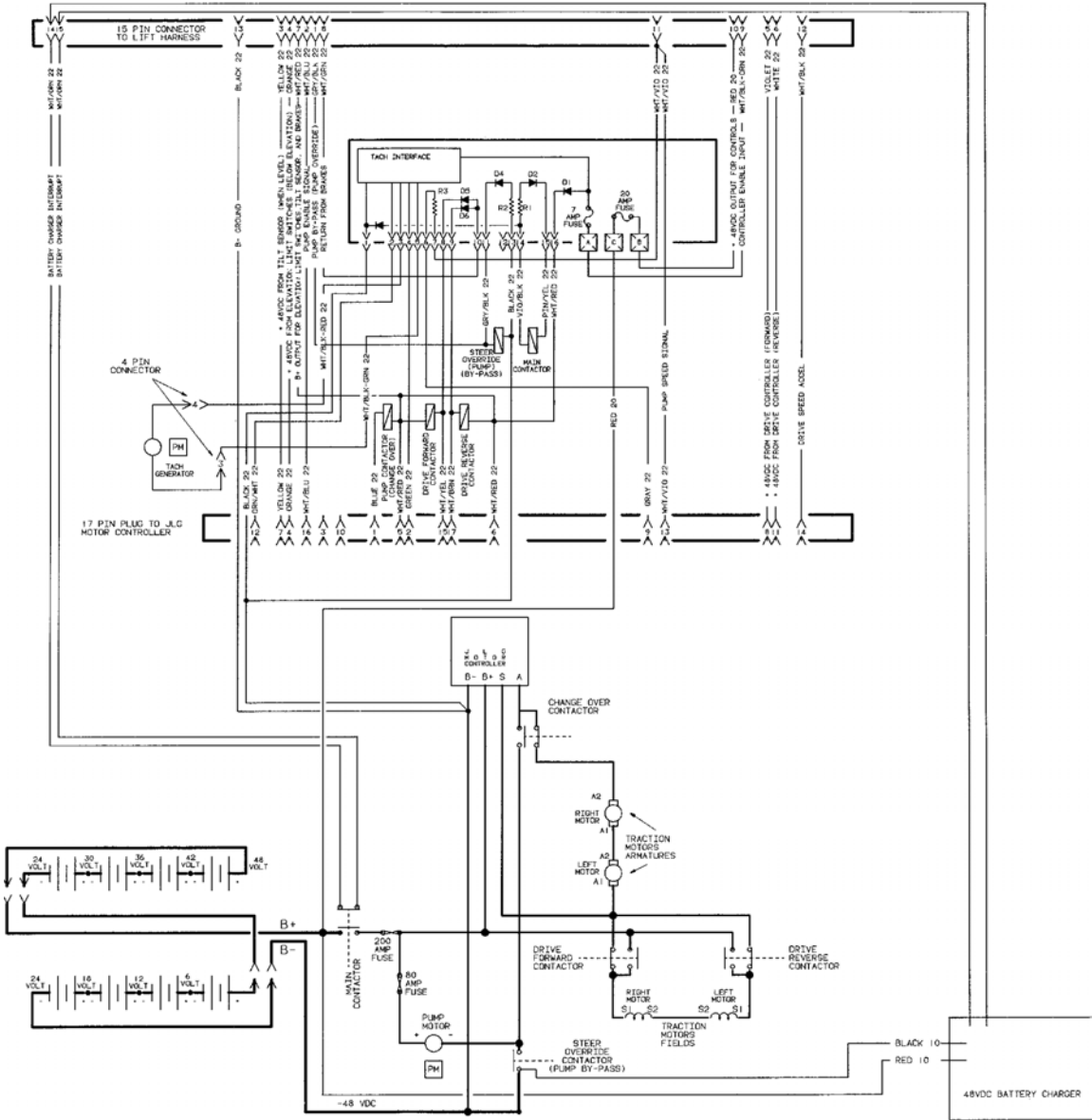
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FIGURE 7-2. STANDARD ELECTRICAL SCHEMATIC (PRIOR TO S/N 72550)



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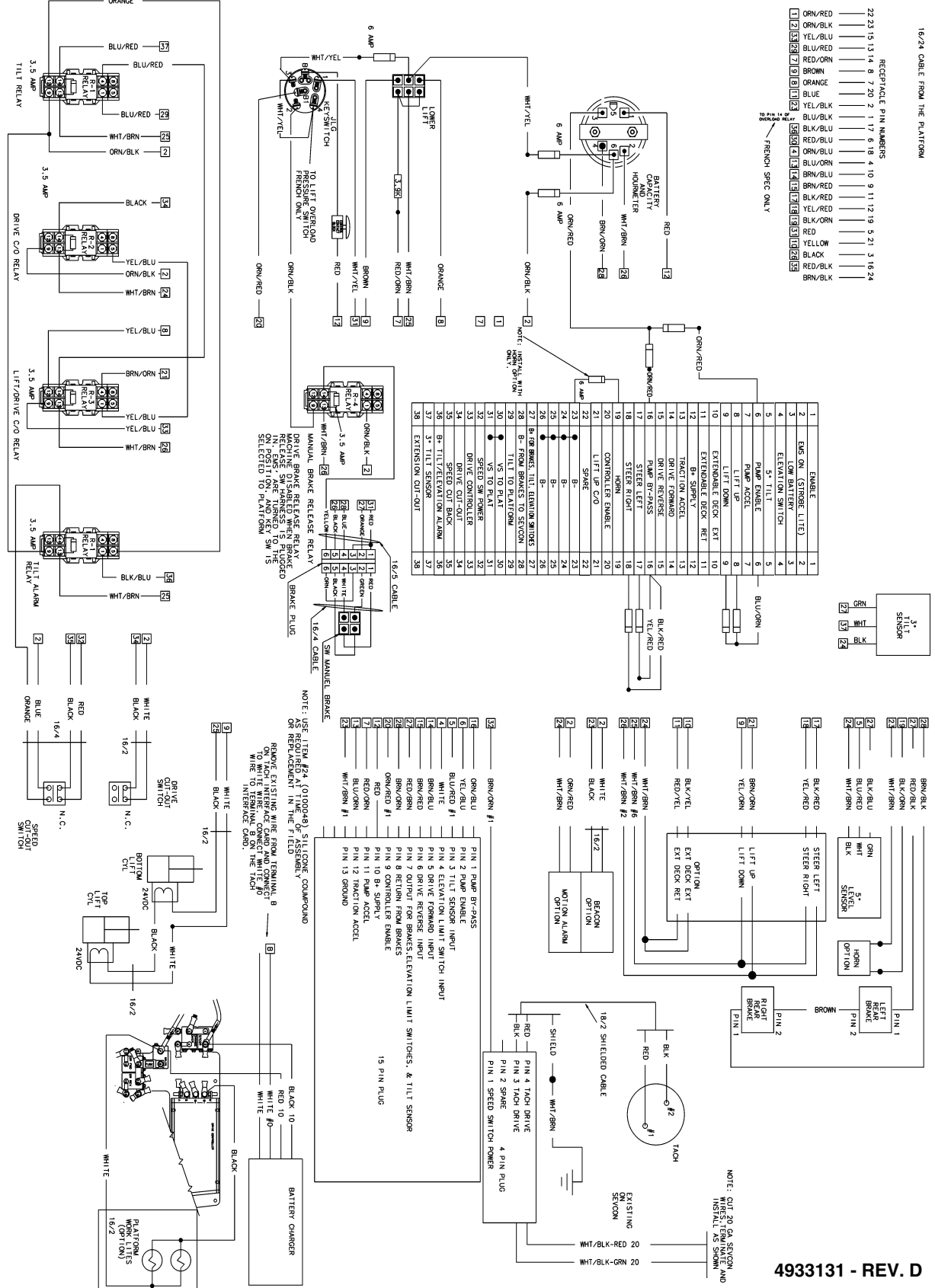


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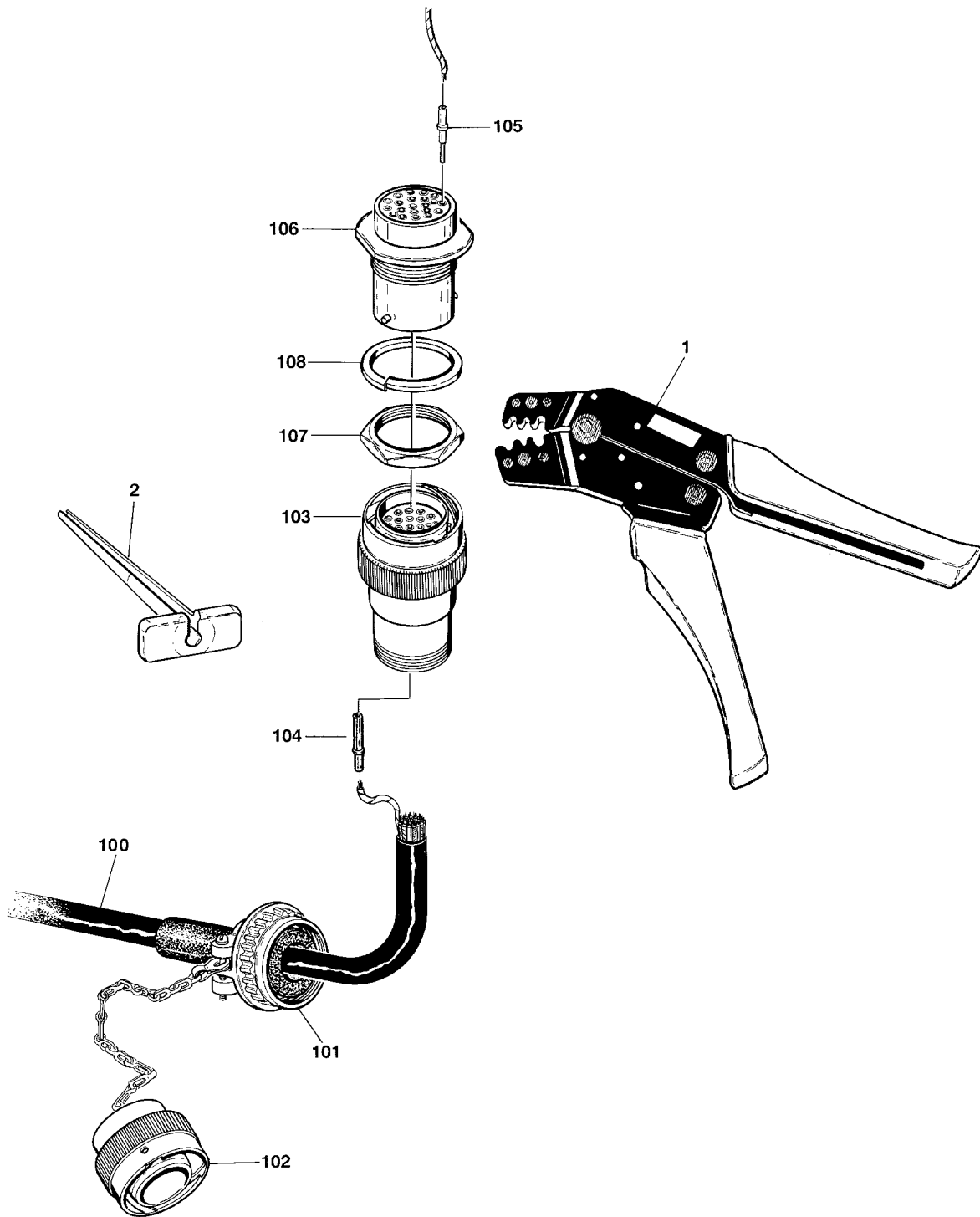
FIGURE 7-4. STANDARD ELECTRICAL DIAGRAM - AUSTRALIAN SPEC (S/N 72550 TO PRESENT)



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FIGURE 7-5. MAIN ELECTRICAL CONNECTOR AND TOOLS



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FIGURE 7-5. MAIN ELECTRICAL CONNECTOR AND TOOLS

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		TOOLS:	Ref.	
1	7002818	Crimper (For Wire to Pin/Socket Connections)	1	
2	4460467	Extractor (For Removal of Pin/Socket Connectors)	1	
		GROUND TO PLATFORM ELECTRICAL HARNESS	Ref.	
		Model 3369 Options:	1	
	4921652	Prior to S/N 58031		
	4922246	S/N 58031 to S/N 77820		
	4922435	S/N 77820 to Present		
		Model 3969 Options:	1	
	4921653	Prior to S/N 58031		
	4922247	S/N 58031 to S/N 77820		
	4922434	S/N 77820 to Present		
100	1060826	Cable, Electrical - 16/24	A/R	
		Model 3369	78ft/23.8m	
		Model 3969	88ft/26.8m	
101	4460473	Clamp, Cable	1	
102	4460468	Cap, Dust	1	
103		Connector, Female Options:	1	
	4460462	23 Pin Connector (Prior to S/N 77820)		
	4460502	31 Pin Connector (S/N 77820 to Present)		
104	4460465	Socket, Female	A/R	
		PLATFORM CONSOLE COMPONENTS	Ref.	
	0254545	Prior to S/N 29596		
	0257161	S/N 29596 to S/N 71506		
	0259863	S/N 71506 to Present		
105	4460464	Pin, Male	A/R	
106		Plug, Male Options:	1	
	4460463	23 Pin Plug (Prior to S/N 77820)		
	4460503	31 Pin Plug (S/N 77820 to Present)		
107	4460470	Nut, Receptacle	1	
108	4460471	Lockwasher, Receptacle	1	

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FIGURE 7-5. MAIN ELECTRICAL CONNECTOR AND TOOLS

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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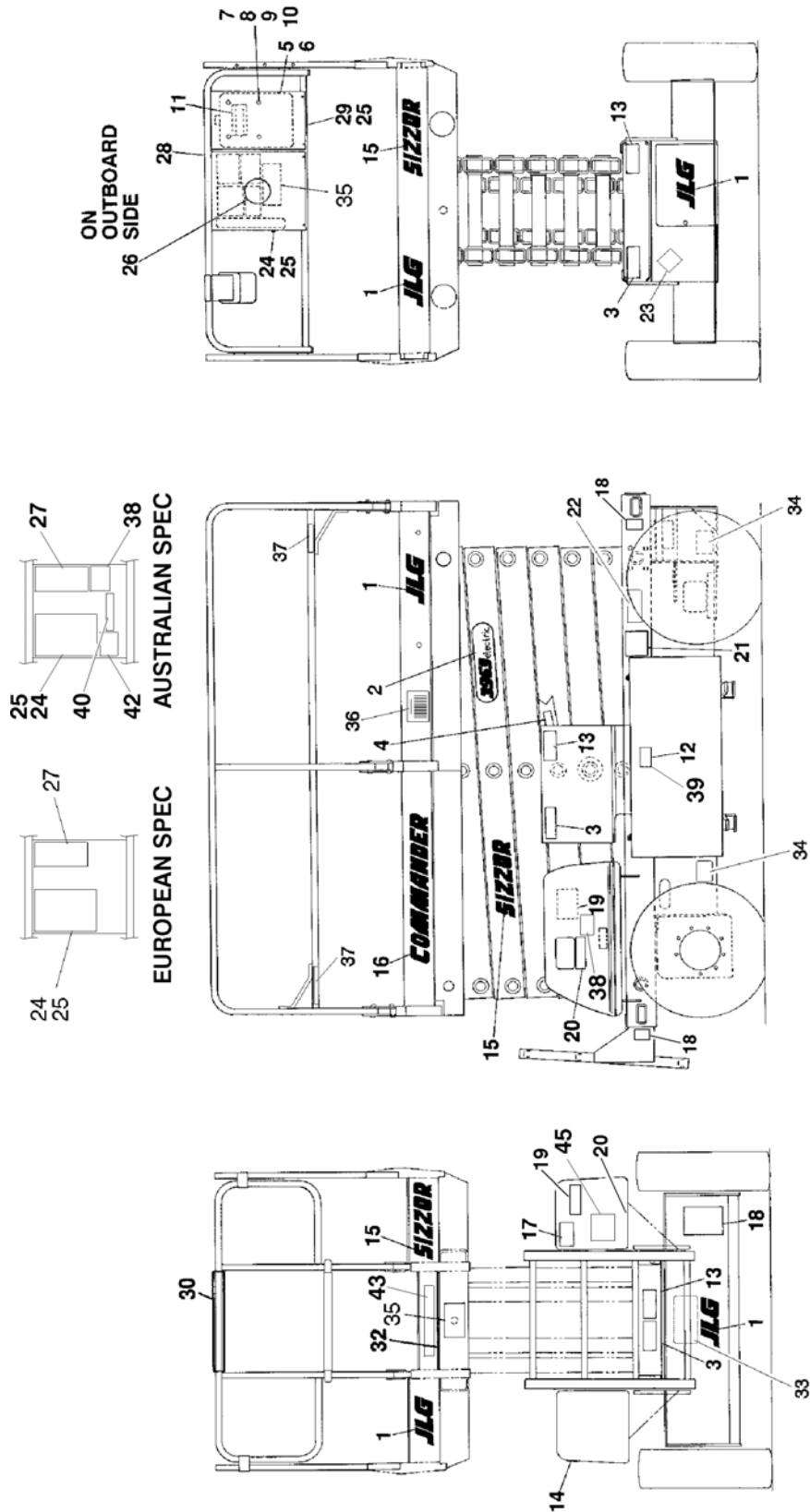
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FIGURE 8-1.DECALS INSTALLATION



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FIGURE 8-1. DECALS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		DECAL INSTALLATIONS OPTIONS:		
	0255088	Decal Installation - Model 3369 (Euro Common) (PRIOR TO S/N 69694)	Ref.	9
	0259871	Decal Installation - Model 3369 (Euro Common) (S/N 69694 TO PRESENT)	Ref.	5
	0255089	Decal Installation - Model 3969 (Euro Common)	Ref.	14
	0257579	Decal Installation - Model 3369 (Australian Common)	Ref.	9
	0257580	Decal Installation - Model 3969 (Australian Common)	Ref.	9
	0255198	Decal Installation - Model 3369/3969 (Dutch)	Ref.	6
	0255090	Decal Installation - Model 3369/3969 (English)	Ref.	9
	0255091	Decal Installation - Model 3369/3969 (French)	Ref.	6
	0255092	Decal Installation - Model 3369/3969 (German)	Ref.	6
	0255093	Decal Installation - Model 3369/3969 (Italian)	Ref.	7
	0255199	Decal Installation - Model 3369/3969 (Spanish)	Ref.	6
1		Decal - JLG Options:	6	
	1702009*^<>	Prior to S/N 81602		
	1701871^<>	S/N 81602 to Present		
2		Decal - Model Options:	2	
	1702255*^	Model 3369		
	1702256<>	Model 3969		
3	Not Required			
4		Decal - Options:	2	
	1701893	Decal - Safety Prop (Euro/Australian/English) (Prior to S/N 78292)		
	1701839	Decal - Safety Prop (Euro/Australian/English) (S/N 78292 to Present)		
	1701615	Decal - Veiligheidsbalk (Dutch)		
	1701512	Decal - Support de Sécurité (French)		
	1701519	Decal - Sicherheitsstütze (German)		
	1701524	Decal - Aipoggio Di Sicurezza (Italian)		
	1701856	Decal - Punmtal de Seguridad (Spanish)		
5	0860520	Box, Manual Storage	1	
6	1060279	Cable, Lanyard	1	
7	0641405	Bolt 1/4"-20NC x 5/8"	4	
8	4751400	Flatwasher 1/4"	4	
9	4761400	Lockwasher 1/4"	4	
10	3311401	Nut 1/4"-20NC	4	
11		Decal - Manual Options:	1	
	1701509*^<>	All Specs Except (Euro Spec Model 3369 S/N 69694 to Present)		
	1703788	Model 3369 (Euro Spec) (S/N 69694 to Present)		
12	Not Required			
13	Not Required			

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FIGURE 8-1. DECALS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
14	1701504*^<>	Decal - Hydraulic Oil Options: All Specs Except (Euro Spec Model 3369 S/N 69694 to Present)	1	
	1703812	Model 3369 (Euro Spec) (S/N 69694 to Present)		
15	1702029*^<>	Decal - Sizzor (Prior to S/N 81602)	4	
16	1702011*^<>	Decal - Commander (Prior to S/N 50299)	2	
17	1702431*^<>	Decal - Manual Lowering Valve	1	
18	1703814	Decal - Tie Down (Model 3369 Euro Spec Only S/N 69694 to Present)	4	
19	1702430*^<>	Decal - Manual Descent Instructions (All Specs Except Euro Spec Model 3369 S/N 69694 to Present)	1	
20	1703703	Decal - Manual Descent Instructions (Model 3369 Euro Spec Only S/N 69694 to Present)	1	
21	Not Required			
22	Not Available	Nameplate - Serial Number	1	
23	Not Required			
24		Nameplate - Billboard Options:	1	
	3252436	Nameplate - Billboard - Model 3369 (Prior to S/N 40961)		
	3252543*^	Nameplate - Billboard - Model 3369 (S/N 40961 to S/N 69694)		
	1704438*^	Nameplate - Billboard - Model 3369 (S/N 69694 to Present)		
	3252437	Nameplate - Billboard - Model 3969 (Prior to S/N 40961)		
	3252544<>	Nameplate - Billboard - Model 3969 (S/N 40961 to Present)		
	1704617<	Nameplate - Billboard - Model 3969 (Euro Spec Only) (S/N 75352 to Present)		
25	3820001	Rivet	12	
26	3251813*^<>	Decal - USA	1	
27		Nameplate Options:	1	
	1701631	Nameplate - Caution (Euro/Australian/English) (Prior to S/N 75352)		
	1703877	Nameplate - Caution (Euro/Australian/English) (S/N 75352 to Present)		
	1701648	Nameplate - Dagelijkse Controle Lijst (Dutch)		
	1701629	Nameplate - Attention (French)		
	1701630	Nameplate - Achtung (German)		
	1701632	Nameplate - Attenzione (Italian)		
	1701861	Nameplate - Precaucion (Spanish)		
28	Not Required			
29		Plate, Box Mounting Options:	1	
	3538162	Prior to S/N 69694 (Except Model 3969 Australian Spec)		
	3571691	S/N 69694 to Present		
30	3340798	Pad	1	
31	Not Required			

SECTION 8 DECALS

FIGURE 8-1. DECALS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
32	4420039*^> 4420067*^<>	Tape, Safety Tread Options: Prior to S/N 69694 S/N 69694 to Present	2ft./0.6m	
33	Not Required 1701764 1701761 1701762 1701763 1701765	Decal - DC Motor Options: Euro/Australian/English Dutch French German Italian Spanish	1	
34	1703489*^ 1703490<>	Decal - Max Tire Load Options: (S/N 29596 to Present) Model 3369 Model 3969	4	
35	3252560	Nameplate - Capacity (S/N 37139 to S/N 40961)	2	
36	Not Available	Decal - Bar Code (S/N 45740 to Present)	1	
37	1702612^>	Decal - Lanyard Attach (Australian Spec Only) (S/N 53019 to Present)	2	
38	1703665^>	Decal - Danger Electrical (Australian Spec Only) (S/N 53019 to Present)	2	
39	1703155^>	Decal - Battery Water Level (Australian Spec Only) (S/N 53019 to Present)	2	
40	1703663^>	Decal - Maintenance (Australian Spec Only) (S/N 53019 to Present)	1	
41	Not Required			
42	1703674^>	Decal - Battery Charger (Australian Spec Only) (S/N 53019 to Present)	1	
43	1703662^>	Decal - Caution (Australian Spec Only) (S/N 53019 to Present)	2	
44	1703158^>	Decal - Crushing (Australian Spec Only) (S/N 53019 to Present)	2	
45	1703693 1703977 1703975 1703976 1703978 1703979	Decal - Warning, Electric Brake Release (S/N 53019 to Present) Euro/Australian/English Dutch French German Italian Spanish	1	
	2910052	Decal Kit Installation - Model 3369 (Euro) (Note: Items with * included in kit.)	Ref.	10
	2910054	Decal Kit Installation - Model 3369 (Australian) (Note: Items with ^ included in kit.)	Ref.	9
	2910048	Decal Kit Installation - Model 3969 (Euro) (Note: Items with < included in kit.)	Ref.	14
	2910051	Decal Kit Installation - Model 3969 (Australian) (Note: Items with > included in kit.)	Ref.	9

SECTION 8 DECALS

SECTION 8 DECALS

FIGURE 8-1. DECALS INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
101	0251642	SAFETY STRIPES INSTALLATIONS (NOT SHOWN)	Ref.	—
	4420052	Tape, Safety (Black/Yellow) (Located at Corners of Platform Extension)	4ft./1.22m	

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SECTION 9 RECOMMENDED SERVICE PARTS STOCK

MODELS 3369/3969 Electrical Sizzor

The following list will service fleets of machines (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.

JLG PART NUMBER	DESCRIPTION	QTY PER FLEET		
		1-10	10-20	20 OR MORE
STANDARD PARTS				
3990053	Sensor, Tach Drive (Figure 1-2)	1	1	1
2400053	Fuse (Figure 1-5)	2	2	2
7013310-ES	Controller, Sevcon (Figure 1-5)	1	1	1
7013312	Fuse - 200 Amp (Figure 1-5)	2	2	2
7013314	Circuit Board (Figure 1-5)	1	1	1
4360371	Sensor, Level (Figure 1-5)	1	1	1
4360300	Switch, Limit (Figure 1-5)	1	1	1
7011593	Fuse, DC (Figure 1-6)	2	2	2
7018570	Fuse, DC (UK Only) (Figure 1-7)	2	2	2
1340052	Breather (Figure 2-1)	1	2	3
2120072	Element, Hydraulic Filter (Figure 2-1)	4	8	12
7012752	Coil (Figure 2-2)	1	1	1
4360474	Switch, Key (Figure 2-5)	1	1	1
2860030	Key, Replacement (Figure 2-5)	1	1	1
4360314	Switch, Toggle (Figure 2-5)	1	1	1
3740087	Relay (Figure 2-5)	1	1	1
4360339	Switch, Push Button (Figure 4-4)	1	1	1
4360267	Contact, Switch Block (Figures 4-4)	1	1	1
4360328	Switch, Toggle (Figures 4-4)	1	1	1
4360282	Switch (Figure 4-4)	1	1	1
4360112	Breaker, Circuit (Figure 4-4)	1	1	1
4360445	Switch, Potentiometer (Figures 4-4)	1	1	1
1600301	Controller, PQ (Figure 4-6)	1	1	1
3990010	Diode (Figure 7-1)	2	2	2
3990001	Diode (Figure 7-1)	2	2	2
VARIABLE PARTS				
7011576	Diode (Euro Spec) (Figure 1-6)	1	1	1
7011668	Diode (Australian Spec) (Figure 1-6)	1	1	1
7011649	Relay (UK Dual Voltage) (Figure 1-6)	1	1	1
7011508	Fuse, AC (Euro Spec) (Figure 1-6)	2	2	2
7011645	Fuse, AC (Australian Spec) (Figure 1-6)	2	2	2
7011551	Transformer, Control (Euro and Australian Specs except UK Spec) (Figure 1-6)	1	1	1
4360300	Switch, Limit (When Equipped) (Figure 4-1)	1	1	1
4360313	Switch, Proximity (3969) (Figure 5-1)	1	1	1

SECTION 9 RECOMMENDED SERVICE PARTS

MODELS 3369/3969 Electrical Sizzor

The following list will service fleets of machines (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.

JLG PART NUMBER	DESCRIPTION	QTY PER FLEET		
		1-10	10-20	20 OR MORE

SECTION 9 RECOMMENDED SERVICE PARTS STOCK

SECTION 10 SPECIAL OPTIONS

Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
10-1		MISCELLANEOUS SPECIAL OPTIONS	Ref.	
	0256789	Camera Mount Assembly	Ref.	
	1702788	Decal - Biodegradable Oil	Ref.	
	0255537	Decal Installation - UL	Ref.	
		Electrical Connector Kits	Ref.	
	1001148902	Amp/Tyco Electrical Connector Kit	Ref.	
	1001148903	Deutsch DT Electrical Connector Kit	Ref.	
	1001148904	Deutsch HD Electrical Connector Kit	Ref.	
	1001148905	Packard Electrical Connector Kit	Ref.	
	1001148906	Various Electrical Connectors Kit	Ref.	
	0258701	110Volt Inverter Installation	Ref.	
	0270412	Overload Protection Installation - French Machines (Located at Lift Cylinder) (S/N 75625 to Present)	Ref.	
	0257049	Pipe Rack Installation	Ref.	
		Technical Publication Supplements	Ref.	
		MAC Battery Charger Supplements:		
	3120366	UK/Australian Spec (In English Language)	1	
	3120384	Euro Spec (In English Language)	1	
	3122002	Dutch Spec (In Dutch Language)	1	
	3122003	French Spec (In French Language)	1	
	3122004	German Spec (In German Language)	1	
	3122005	Italian Spec (In Italian Language)	1	
	3122006	Spanish Spec (In Spanish Language)	1	
	3120351	PQ Controller Supplement	1	
	3120322	Spec Data Handbook	1	
	2901815	Kit, Tie Straps	Ref.	
		Tools For Service:	Ref.	
	8896941	Wire Stripper	1	
	7002821	Wire Crimper (To Install Wire Ends to Wires)	1	
	7002823	Pin/Socket Extractor - Universal (To Remove Pins/Sockets from Connectors)	1	
	4460467	Extractor - 16-18 Gauge (For Removal of Pin/s/Sockets for Deutsch Connectors)	1	
	4460510	Extractor - 12-14 Gauge (For Removal of Pin/s/Sockets for Deutsch Connectors)	1	
	7002822	Screwdriver, Potentiometer (To Adjust Drive Controller)	1	

SECTION 10 SPECIAL OPTIONS

Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.

SECTION 10 SPECIAL OPTIONS

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	7016654	Screwdriver, Magnetic	1	
	7004275	Seal Installation Tool - 1"	1	
	7004276	Seal Installation Tool - 1 1/2"	1	
	7002826	Seal Installation Tool - 2"	1	
	7002820	Arbor Kit (For Installation of Garmax and Excelite Bushing	1	
	2900832	Calibrator Kit	1	
	2900838	U.S. Standards Fastener (Hardware) Kit	1	
	7014676	U.S. Standards Tool Kit	1	

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0100020	2-3, 6-3	0254829	4-4, 7-3	0400103	1-15, 1-21	0861246	2-11
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0200500	3-3, 3-7	0255213	1-16, 4-5	0641410	2-15	0961664	3-4, 3-8
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