



Illustrated Parts Manual

Model
3369electric
3969electric

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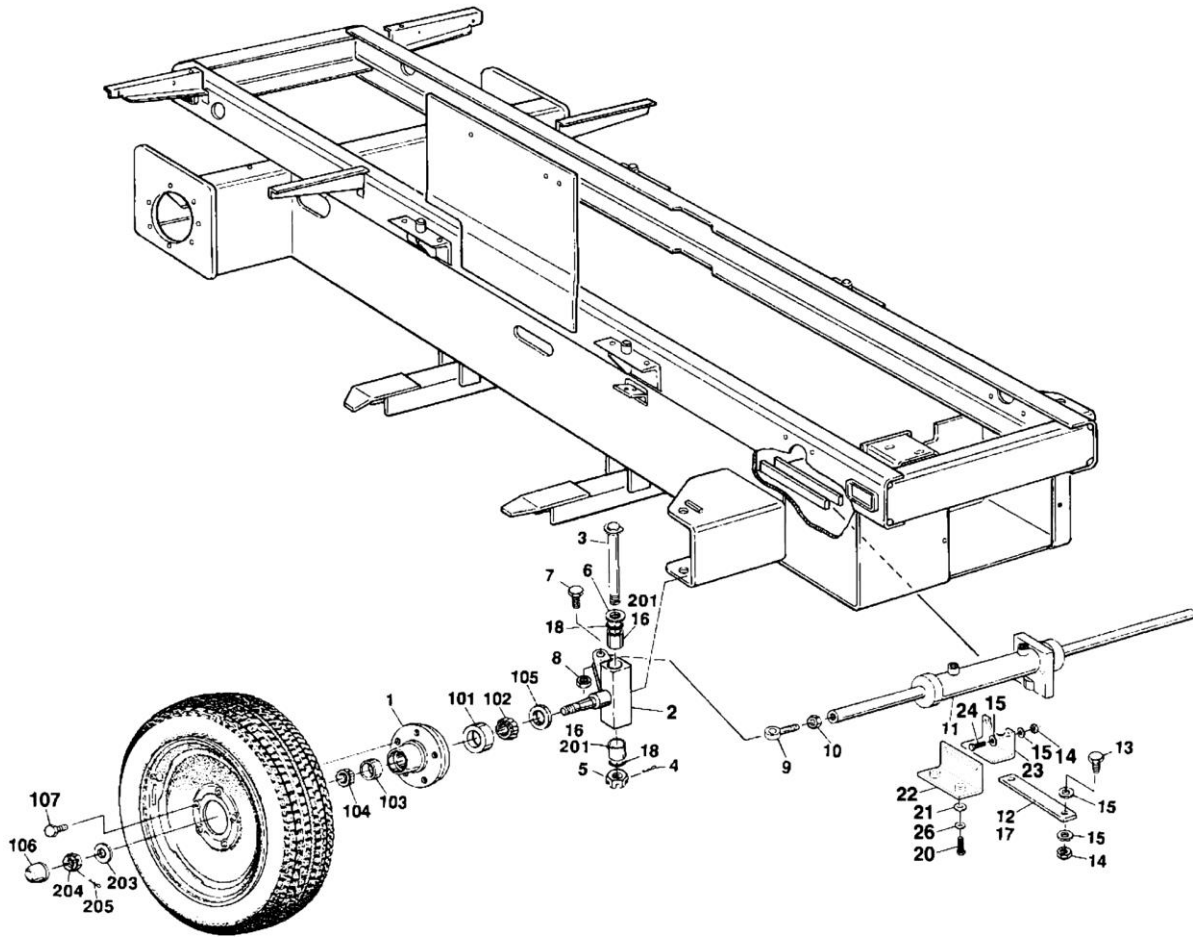
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SECTION 1 - FRAME

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FIGURE 1-1. FRAME AND STEERING INSTALLATION



SECTION 1 - FRAME

FIGURE 1-1. FRAME AND STEERING INSTALLATION

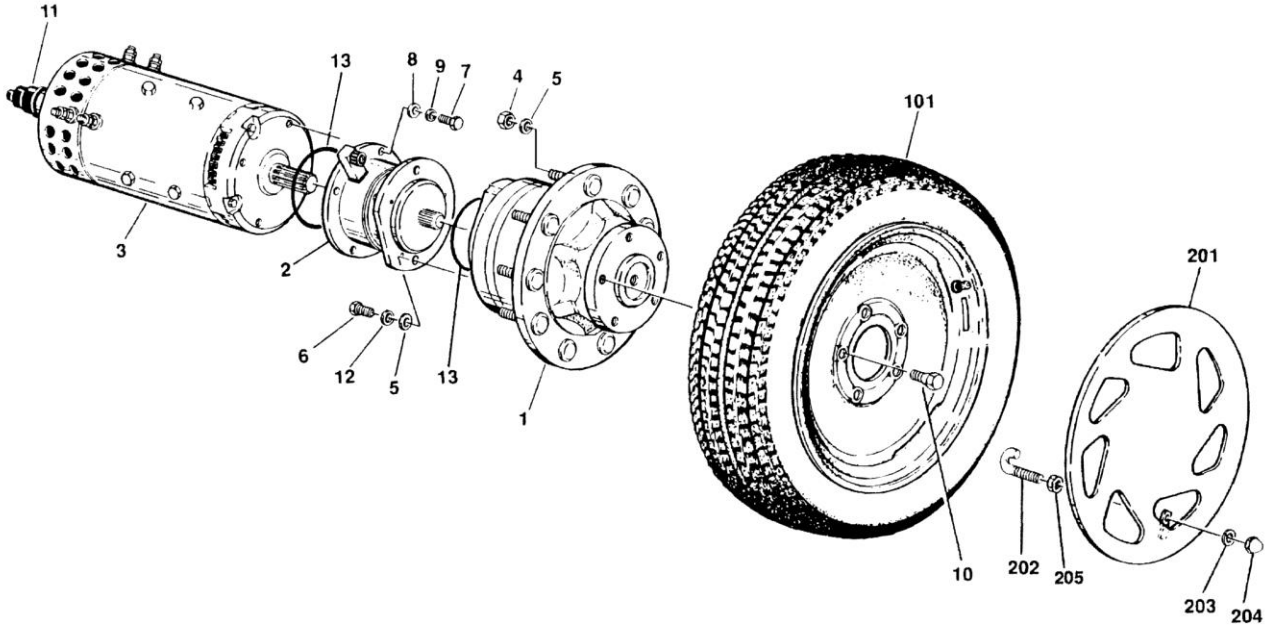
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	FRAME AND STEERING INSTALLATION	
	2360370	1	Frame Weldment	
		Ref	STEERING AND SPINDLES INSTALLATION	
	0252243	Ref	Steering and Spindles - Standard	8
1	2780186	2	Hub Assembly (Includes Items 101-106)	
2	4130286	2	Spindle	
3	3421988	2	Kingpin	
4	3450810	2	Pin, Cotter 1/4in x 2 1/2in	
5	3313003	2	Nut, Slotted 1 1/4in - 7NC	
6	0440162	2	Washer, Thrust	
7	0642016	2	Bolt 5/8in-18NC x 2in	
8	3312005	2	Locknut 5/8in-18NC	
9	3841146	2	Rod-End	
10	3322002	2	Nut, Jam 5/8in-18NC	
11	1683695	1	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown) (was p/n 1682527) (Prior to SN 47596)	
11	1683695	1	Steer Cylinder Assembly (See CYLINDER SECTION for Breakdown) (SN 47596 to Present)	
12	3340644	1	Pad, Wear	
13	0641510	2	Bolt 5/8in-18NC x 1 1/4in	
14	3311505	4	Locknut 5/8in-18NC	
15	4751500	8	Flatwasher 5/16in	
16	3020022	AR	Grease	
17	4070809	AR	Shim	
18	3780182	4	O-Ring	
19	0630016	10	Bolt, Wheel (5 Per Hub)	
20	0641608	2	Bolt 3/8in-16NC x 1 (SN 80825 to Present)	
21	4740453	2	Flatwasher 3/8 (SN 80825 to Present)	
22	0182002	1	Angle (SN 80825 to Present)	
23	0182000	1	Angle (SN 80825 to Present)	
24	0641514	2	Bolt 5/16in-18NC x 1 3/4in (SN 80825 to Present)	
25	0100019	AR	Loctite (Not Shown) (SN 80825 to Present)	
26	4711600	2	Flatwasher 3/8in (Narrow) (SN 82838 to Present)	
		Ref	HUB ASSEMBLIES	
	2780186	Ref	Original Equipment	C
	1001139010	Ref	Service Replacement	A
		Ref	Note: Original Equipment components may have been replaced with Service Replacement components, Identify hub by bolts or studs before ordering parts.	
101	Kit	2	Cup, Bearing - Inner (1 Per Hub)	
102	Kit	2	Cone, Bearing - Inner (1 Per Hub)	
103	Kit	2	Cup, Bearing - Outer (1 Per Hub)	
104	Kit	2	Cone, Bearing - Outer (1 Per Hub)	
105	Kit	2	Seal (1 Per Hub)	
106	1001102354	2	Cap, Dust (1 Per Hub) (was p/n 7012524)	
107		Ref	Hardware Options (5 Per Spindle):	
107	0630016	10	Bolt, Wheel 1/2in x 20NF(Hub Assembly - 2780186)	
107	7016360	10	Stud, Wheel 1/2in x 20NF (Hub Assembly - 1001139010)	
107	3300407	10	Nut, Wheel 1/2in x 20NF (Hub Assembly - 1001139010)	
	2900804	2	Bearing and Seal Kit (Includes Qty 1 Items 101-105) (1 Per Hub) (Hub Assemblies 2780186 & 1001139010)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4130286	Ref	SPINDLE WELDMENT - STANDARD	A
201	0961621	2	Bushing, Bronze (2 Per Spindle)	
203	7012542	2	Washer (1 Per Spindle)	

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FIGURE 1-2. TIRE AND WHEEL DRIVE INSTALLATION



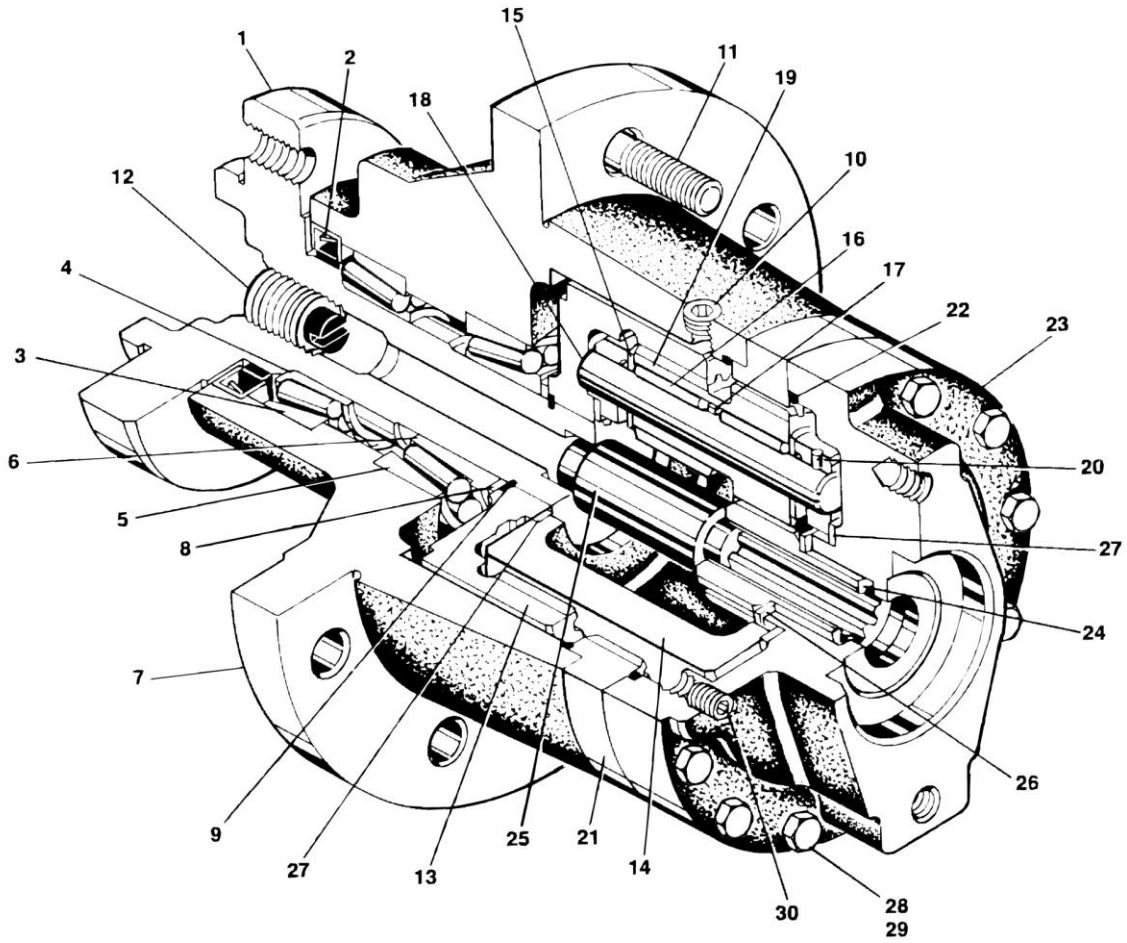
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FIGURE 1-2. TIRE AND WHEEL DRIVE INSTALLATION

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

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FIGURE 1-3. DRIVE HUB ASSEMBLY



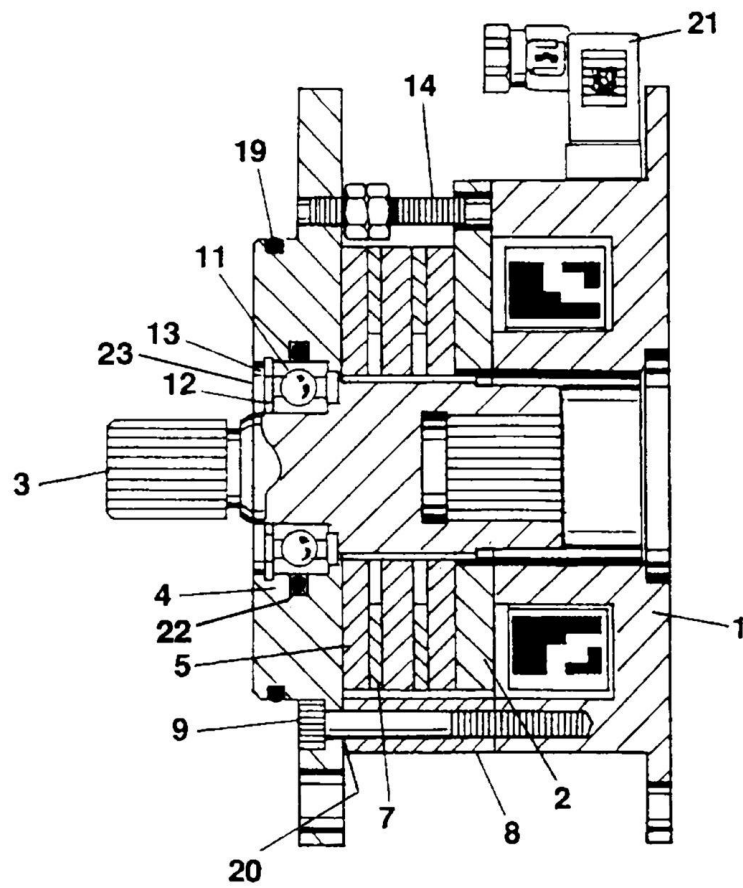
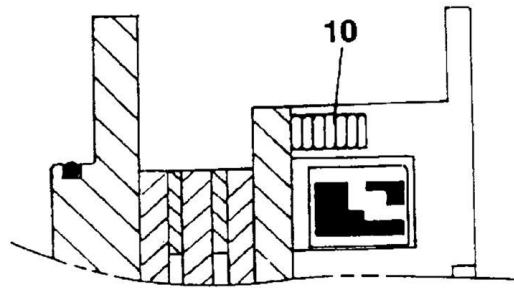
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FIGURE 1-3. DRIVE HUB ASSEMBLY

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

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FIGURE 1-4. DRIVE BRAKE ASSEMBLY



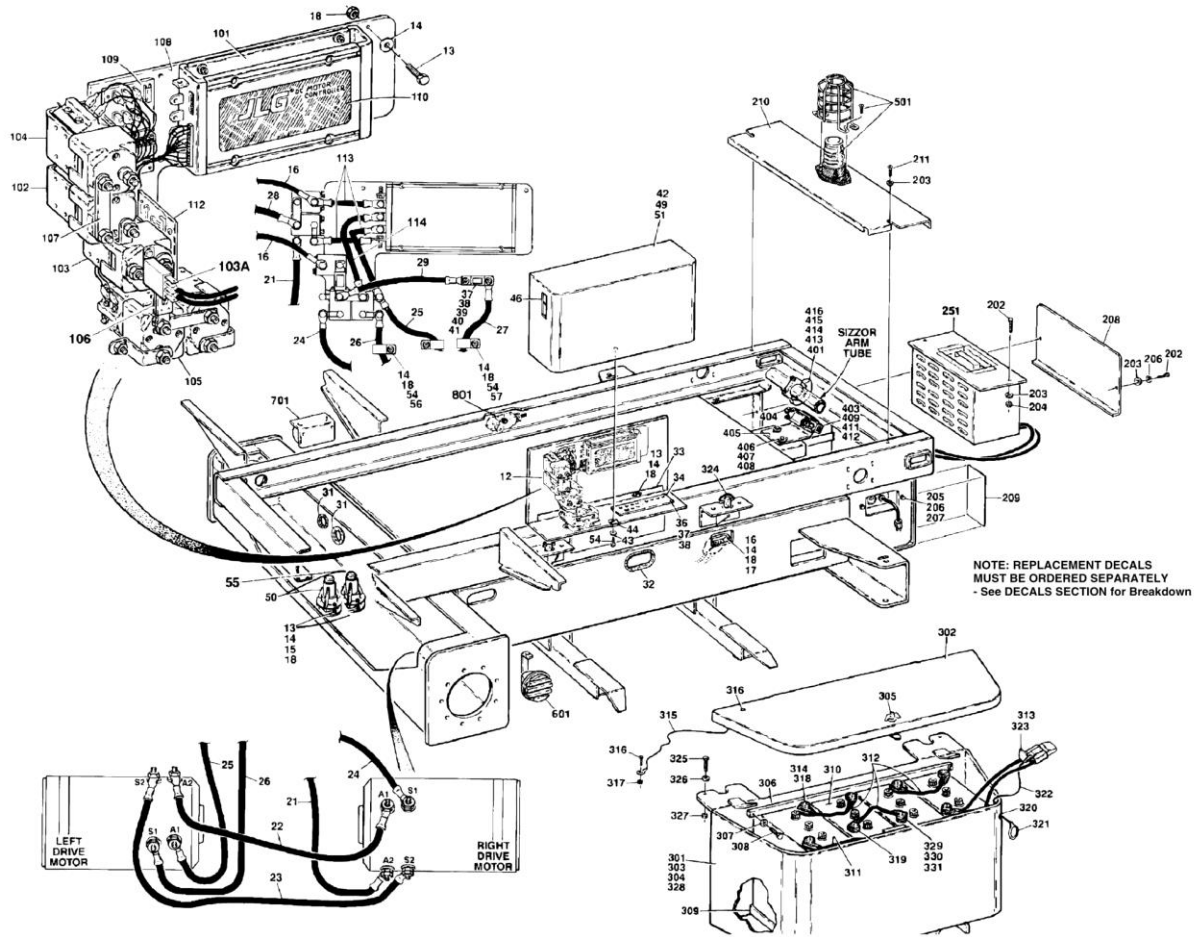
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FIGURE 1-4. DRIVE BRAKE ASSEMBLY

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

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



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

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0255203	Ref	DRIVE CONTACTOR INSTALLATION	8
12	0254549	1	Contactors Plate Assembly (Includes Items 101-111 and other diodes, coils, fuse and wiring) (Purchase fuses locally)	
13	0641408	11	Bolt 1/4in-20NC x 1in	
14	4711400	20	Flatwasher 1/4in	
15	4761400	7	Lockwasher 1/4in	
16	1060540	1	Cable Assembly	
17	0641416	4	Bolt 1/4in-20NC x 2in	
18	3311405	13	Locknut 1/4in-20NC	
21	1060549	1	Cable - 105in/267cm	
22	1060429	1	Cable - 39in/99cm	
23	1060430	1	Cable - 36in/91.5cm	
24	1060550	1	Cable - 108in/274cm	
25	1060551	1	Cable - 90in/228cm	
26	1060552	1	Cable - 90in/228cm	
27	1060553	1	Cable - 90in/228cm	
28	1060554	1	Cable - 108in/274cm	
29	1060555	1	Cable - 18in/46cm	
31	2540023	2	Grommet	
32	4060805	15	Flex-Trim (Prior to SN 56587)	
		in/38cm		
32	4060807	15	Flex-Trim (SN 56587 to Present)	
		in/38cm		
33		Ref	Plate, Mounting Options:	
33	3537950	1	Plate, Mounting (Prior to SN 75352)	
33	3572196	1	Plate, Mounting (SN 75352 to Present)	
34	1320216	1	Clamp, Cable (Prior to SN 75352)	
36		Ref	Screw Options:	
36	0721006	7	Screw #10-24NC x 3/4in (Prior to SN 75352)	
36	0721008	4	Screw #10-24NC x 1in (SN 75352 to Present)	
37	4751000	13	Flatwasher #10	
38	3311005	6	Locknut #10-24NC	
39	2400044	1	Fuseblock	
40		Ref	Fuse Options:	
40	2400045	1	Standard (Prior to SN 28687)	
40	2400053	1	Standard (SN 28687 to Present)	
41	0741010	2	Screw, Countersunk #10-24NC x 1 1/8in	
42	4060873	1	Cover, Controller	
43	4751400	1	Flatwasher 1/4in	
44	3300353	1	Nut, Tinnerman	
46	2560126	1	Handle, Pull	
49	4420008	7 ft/2m	Tape, Seal	
50	4360371	1	Sensor, Level - 4.5	
50	7012608	1	Fuse - 1.5 Amp (Black Version Only - Not Required on Blue and Orange Versions)	
51	1702310	1	Decal - Cable Rounting	
53	0100048	AR	Sealant, Silicone RTV (Not Shown)	
54	0641406	4	Bolt 1/4in-20NC x 3/4in	
55	4360349	1	Sensor, Level - 2	
56	1320270	2	Clamp, Cable (SN 75352 to Present)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
57	1320061	2	Clamp, Cable (SN 75352 to Present)	
	0254549	Ref	CONTACTOR PLATE ASSEMBLY	
101	7013310-ES	1	Control Module Assembly	
102	7013301	1	Contactactor (Changeover)	
102	7013316	1	Tip Repair Kit - 7013301 Contactactor	
103	7013306	1	Contactactor (Main)	
103	7013317	1	Tip Repair Kit - 7013306 Contactactor	
103A	7013332	1	Micro Switches Kit - 7013306 Contactactor	
104	7013303	1	Contactactor (By-Pass)	
104	7013318	1	Tip Repair Kit - 7013303 Contactactor	
105	7013302	1	Contactactor (Forward/Reverse)	
105	7013319	1	Tip Repair Kit - 7013302 Contactactor	
106	7013312	1	Fuse, Buss - 200 Amp	
107	7013336	1	Bar, Buss	
108	Not Serviced	1	Plate, Mounting	
109	7013314	1	Board, PC	
109	2400005	1	Fuse - 20 Amp	
109	7013322	1	Fuse - 7 Amp	
110	Not Serviced	1	Decal	
111	7013313	1	Harness (Module to Contactactors) (Not Shown)	
111	7013325	1	Connector, Electrical - 16 Pin (At PC Board)	
111	7013326	1	Connector, Electrical - 17 Pin (At Control Module)	
111	7013330	5	Connector, Electrical - 6 Pin (At Contactactors)	
111	7013327	1	Connector, Electrical - 15 Pin (To JLG Harness)	
111	7013328	1	Connector, Electrical - 4 Pin (To JLG Harness)	
111	7013320	AR	Pin (Use with 7013325 & 7013326 Connectors)	
111	7013329	AR	Socket (Use with 7013327 & 7013328 Connectors)	
111	7013331	AR	Pin (Use with 7013330 Connector)	
112	7013315	1	Resistor/Bracket Assembly	
113	70003552	3	Cable, Electrical (8.5in/21.5cm)	
114	70003553	1	Cable, Electrical (10in/25.4cm)	
		Ref	BATTERY CHARGER INSTALLATION OPTIONS:	
	0254497	Ref	Charger - 220VAC/50HZ - (Non UL)	B
	0255627	Ref	Charger - 220VAC/50HZ - (UL)	-
	0255877	Ref	Charger - 110VAC/120VAC 50HZ - (Australian Spec)	-
	0255204	Ref	Charger - 100VAC 50/60HZ - (UK Spec)	2
202	0641406	3	Bolt 1/4in-20NC x 3/4in	
203	4711400	5	Flatwasher 1/4in Narrow	
204	3311405	1	Locknut 1/4in-20NC	
205	4761400	4	Lockwasher 1/4in	
206	0641408	2	Bolt 1/4in-20NC x 1in	
207	3300181	2	Nut, Retainer 1/4in-20NC	
208	3537637	1	Cover - Front	
210	4060871	1	Cover - Top	
211	3900022	2	Screw, Self-Tapping 1/4in-20NC x 3/4in	
251		Ref	Battery Charger Options: (See BATTERY CHARGER ASSEMBLY for Breakdown)	
251	0400103	1	220VAC/50HZ (Non UL)	
251	0400137	1	220VAC/50HZ (UL)	
251	0400130	1	Australian Spec	
251	0400111	1	UK Spec (Prior to SN 43921)	
251	0400182	1	UK Spec (SN 43921 to Present)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	BATTERY BOX INSTALLATION OPTIONS:	
	0255087	Ref	Standard	8
	0254276	Ref	HI-Output (Prior to SN 75765)	H
	0258444	Ref	HI-Output (SN 75765 to Present)	5
301	4844424	2	Battery Box Weldment	
302	1670696	2	Cover, Battery Box	
303		Ref	Cover, Insulator Options:	
303	Not Required	0	Standard	
303	2820063	2	HI-Output	
304	0100065	AR	Adhesive (Prior to SN 36134)	
305	2940073	2	Latch	
306	4565640	2	Tube	
307	4711500	8	Flatwasher 5/16in	
308	0641512	4	Bolt 5/16in-18NC x 1 1/2in	
309	3000003	2	Liner, Tray	
310		Ref	Battery Options:	
310	0400069	8	Battery - 6V225 (Wet)	
310	0400112	8	Battery - 6V225 (Dry)	
310	0400055	8	HI-Output Battery - 6V370 (Wet)	
310	0400107	8	HI-Output Battery - 6V370 (Dry)	
311	1060405	2	Cable Assembly	
312	1060561	6	Cable, Battery (Prior to August 1995)	
312	1060092	6	Cable, Battery (August 1995 to Present)	
313	0100048	AR	Silicon Compound	
314	0100051	AR	Grease, Terminal	
315	1060492	4	Lanyard	
316	0641405	8	Bolt 1/4in-20NC x 5/8in	
317	3311405	8	Locknut 1/4in-20NC	
318	0840031	10	Boot, Terminal - "d" shape	
319	0840032	6	Boot, Terminal - "b" shape	
320		Ref	Gromment Options:	
320	Not Required	0	Standard	
320	2540016	2	HI-Output	
321		Ref	Ring Options:	
321	Not Required	0	Standard	
321	3760170	2	HI-Output	
322		Ref	Cable, Lanyard Options:	
322	Not Required	0	Standard	
322	1060491	2	HI-Output	
323		Ref	Handle, Pull Options:	
323	Not Required	0	Standard	
323	1320172	2	HI-Output	
324	3421799	4	Pin, Quick Release	
325	0641612	4	Bolt 3/8in-16NC x 1 1/2in	
326	4751600	8	Flatwasher 3/8in	
327	3311605	4	Locknut 3/8in-16NC	
328		Ref	Cover, Insulator Options:	
328	Not Required	0	Standard	
328	1320172	4	HI-Output	
329	3300429	16	Nut 5/16in-18NC Stainless	
330	4740474	16	Lockwasher 5/16in Stainless	

SECTION 1 - FRAME

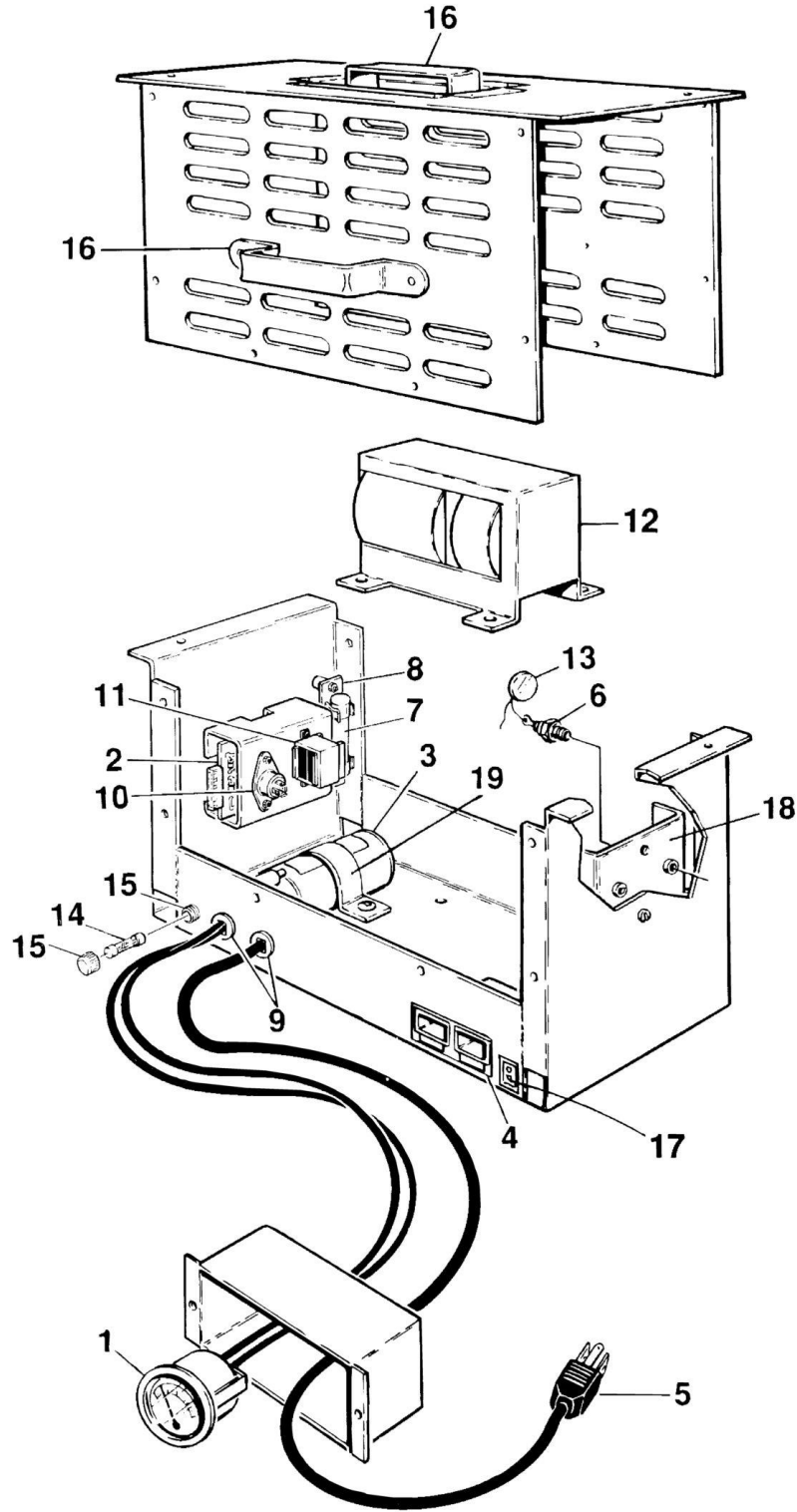
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
331	0630526	16	Bolt 5/16in-18NC x 1 1/4in Stainless	
	0255213	Ref	DRIVE CUTOUT LIMIT SWITCH INSTALLATION	4
401		Ref	Cam Options:	
401	1100085	1	Cam (Prior to SN 49916)	
401	1100101	1	Cam (SN 49916 to Present)	
402	4360300	1	Switch, Limit	
403	0902033	1	Bracket, Mounting	
404	0641408	4	Bolt 1/4in-20NC x 1in	
405	4751400	4	Flatwasher 1/4in	
406	3311405	4	Locknut 1/4in-20NC	
407	4460049	2	Strain Relief	
408		Ref	Bolt Options:	
408	3910832	4	Bolt #8-32 x 2 (Prior to SN 49916)	
408	3911032	4	Bolt #10-32 x 2 (SN 49916 to Present)	
409		Ref	Flatwasher Options:	
409	4750800	4	Flatwasher #8 (Prior to SN 49916)	
409	4751000	4	Flatwasher #10 (SN 49916 to Present)	
410		Ref	Lockwasher Options:	
410	4760800	4	Lockwasher #8 (Prior to SN 49916)	
410	4761000	4	Lockwasher #10 (SN 49916 to Present)	
411		Ref	Nut Options:	
411	3310801	4	Nut #8-32 (Prior to SN 49916)	
411	3311001	4	Nut #10-32 (SN 49916 to Present)	
417	1320237	1	Clamp (SN 49916 to Present)	
418	4761400	2	Lockwasher (SN 49916 to Present)	
419	4711400	2	Flatwasher (Narrow) (SN 49916 to Present)	
420	0100019	AR	Loctite #271 (SN 49916 to Present)	
	0254827	Ref	BEACON LIGHT INSTALLATION (OPTIONAL)	A
501	4060865	1	Shield, Cage	
501	2920119	1	Light, Beacon (Prior to SN 23604)	
501	7016319	1	Bulb, Flash Bulb	
501	7016320	1	Lens, Amber	
501	2920146	1	Light, Beacon (SN 23604 to Present)	
501	7016319	1	Bulb, Flash Bulb	
501	7016372	1	Lens, Amber	
501	0721006	2	Screw, Machine #10-24NC x 3/4in	
501	4751000	4	Flatwasher #10	
501	3311005	2	Locknut #10-24NC	
501	1060341	121 in/3m	Cable, Electrical - 16/2	
	0255047	Ref	Horn INSTALLATION	3
601	0140028	1	Horn	
601	0641508	1	Bolt 5/16in-18NC x 1in (Prior to SN 71522)	
601	3311501	1	Nut 5/16in-18NC (Prior to SN 71522)	
601	4761500	1	Lockwasher 5/16in (Prior to SN 71522)	
601	1060341	8 ft/2.4m	Cable, Electrical - 16/2	
601	0840026	2	Boot, Terminal	
		Ref	ALARMS INSTALLATIONS	
	0255046	Ref	Descent	-
	0255044	Ref	Motion	A
	0255045	Ref	Travel	B
701	0140031	1	Alarm (Remove ground strap before installation)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
701	0641408	2	Bolt 1/4in-20NC x 1in	6
701	3311401	2	Locknut 1/4in-20NC	
701	4761400	2	Lockwasher 1/4in	
701	4711400	4	Flatwasher 1/4in	
701	1060341	7 ft/21m	Cable, Electrical - 16/2	
	0252529	Ref	overload by-pass limit switch INSTALLATION (french spec only)	
801	4360277	1	Switch, Limit	
801	4360236	1	Head, Switch	
801	4360237	1	Roller	
801		Ref	Connector, Strain Relief Options:	
801	4460052	1	Connector, Strain Relief (Prior to SN 84815)	
801	4460428	1	Connector, Strain Relief (SN 84815 to Present)	
801		Ref	Screw Options:	
801	3900163	2	Screw #10-24NC x 1 1/2in (Prior to SN 84815)	
801	3901032	2	Bolt #10-24NC x 2in (SN 84815 to Present)	
801	3311005	2	Locknut #10-24NC (SN 84815 to Present)	

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FIGURE 1-6. BATTERY CHARGER ASSEMBLY



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FIGURE 1-6. BATTERY CHARGER ASSEMBLY

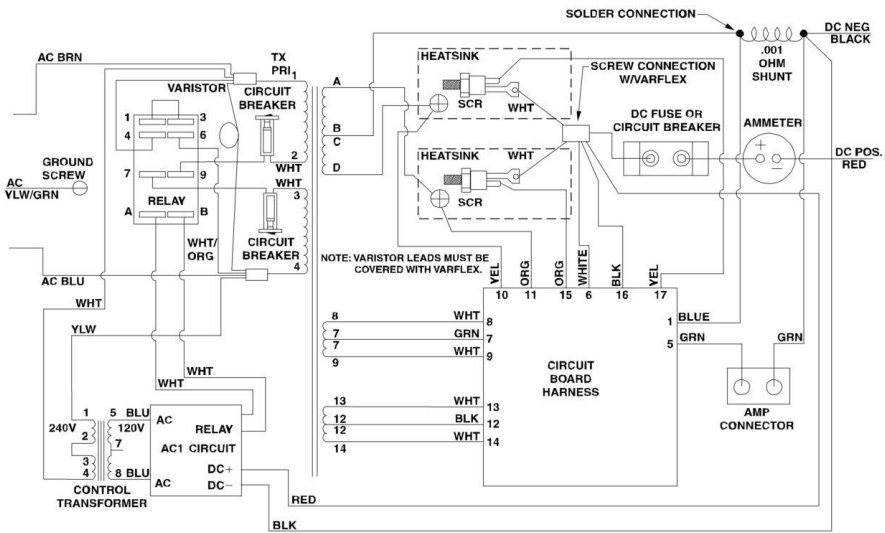
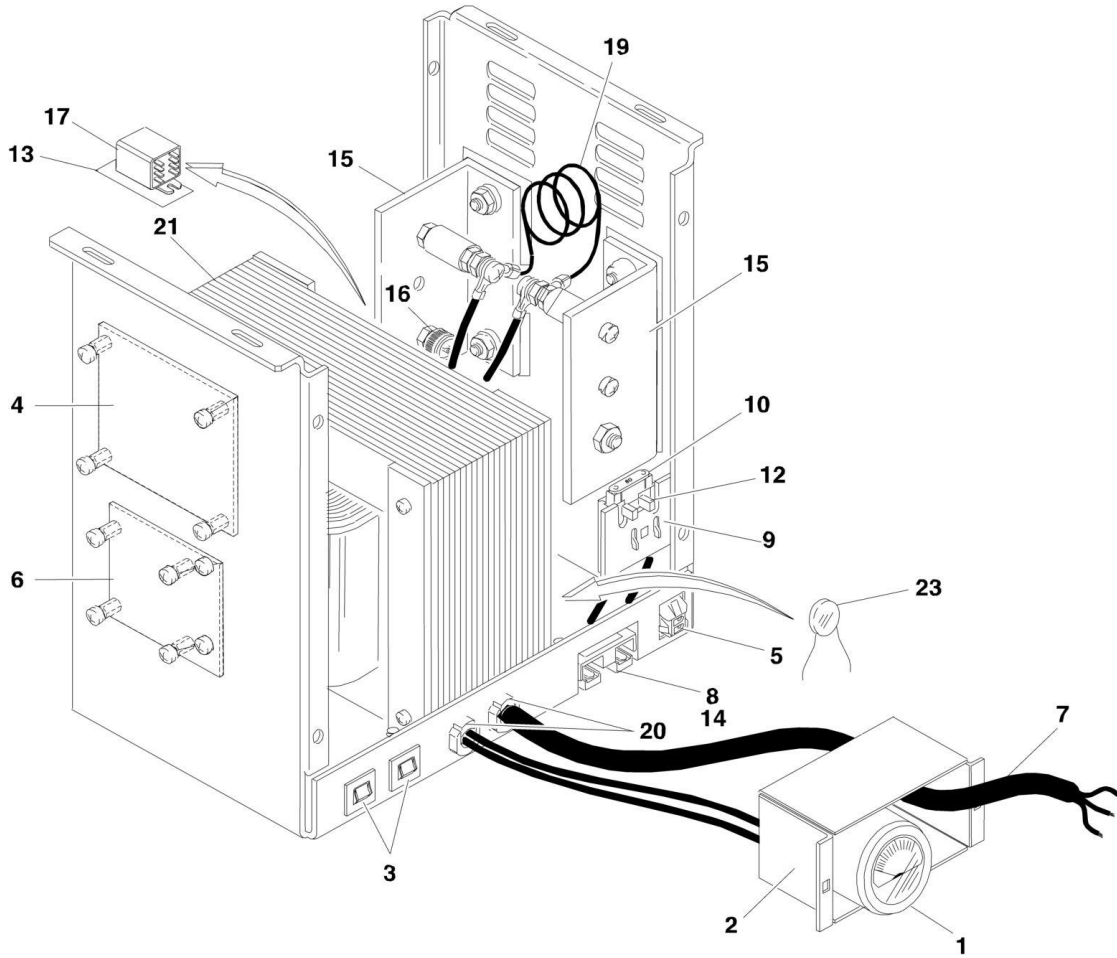
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	BATTERY CHARGER ASSEMBLY	
	0400130	Ref	110V Single Voltage (Australian Spec)	-
	0400103	Ref	Non-UL 220VAC/50HZ (Euro Spec Except UK Spec)	-
	0400137	Ref	UL 220VAC/50HZ (Euro Spec Except UK Spec)	-
	0400111	Ref	110/220 Dual Voltage (UK Spec See Notes) (Prior to SN 43921)	-
		Ref	Note: Dual Voltage Battery Chargers with date codes prior to January 1995 should be replaced as a unit. Consult JLG Industries (Europe) for Replacement.	
		Ref	Note: See BATTERY CHARGER ASSEMBLY - EURO SPEC (SERVICE REPLACEMENT) for service parts for Battery Charger 0400198 (Service Replacement for 0400103 & 0400137 Chargers)	
		Ref	Note: For Dual Voltage Chargers Built See BATTERY CHARGER ASSEMBLY - UK ONLY (110/220 DUAL VOLTAGE). (SN 43921 to Present)	
		Ref	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.)	
1	7011573	1	Ammeter	
2		Ref	Board, Circuit Options:	
2	7011679	1	0400130 Chargers (Was p/n 7011662 Prior to January 1995)	
2	7011679	1	0400130 Chargers (January 1995 to Present)	
2	7011662	1	0400103/0400137 Chargers (Was p/n 7011588 Prior to January 1995)	
2	7011662	1	0400103/0400137 Chargers (January 1995 to Present)	
2	7011647	1	0400111 Chargers	
3		Ref	Condenser Options:	
3	7018500	1	0400130 Chargers	
3	7011623	1	0400103/0400111 Chargers	
3	7011574	1	0400137 Chargers	
4	7011590	1	Connector, DC	
5		Ref	Cord, AC Options:	
5	7011672	1	0400130 Chargers	
5	7011669	1	Socket for 0400130 Chargers	
5	7011544	1	0400103/0400111 Chargers	
5	7011572	1	0400137 Chargers	
5	7011674	1	0400111 Chargers	
6		Ref	Diode Options:	
6	7011668	2	0400130 Chargers	
6	7011576	2	0400103/0400137/0400111 Chargers	
7	7011593	1	Fuse, DC - 45 Amp	
8	7011594	1	Holder, Fuse - DC	
9	7011646	2	Strain Relief (AC Cord)	
9	7011528	1	Strain Relief (DC Cord)	
10		Ref	Triac Options:	
10	7011517	1	0400103/0400137/0400130 Chargers	
10	Not Required	0	0400111 Chargers	
11	7011551	1	Transformer, Control	
12		Ref	Transformer, Main Options:	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
12	7011669	1	0400130 Chargers	
12	7011598	1	0400103/0400137 Chargers	
12	7011648	1	0400111 Chargers	
13	7011584	1	Varistor	
14		Ref	Fuse, AC Options:	
14	7011645	1	0400130 Chargers	
14	7011508	1	0400103/0400137/0400111 Chargers	
15	7011507	1	Holder, Fuse - AC	
16	Not Available	2	Handle	
17	7011621	1	Connector, Enable Switch	
18		Ref	Heatsink Options:	
18	7011610	1	0400103/0400137/0400130 Chargers	
18	Not Available		0400111 Chargers	
19	7011511	1	Strap, Condenser	
20		Ref	Automatic Switching Card Options:	
20	Not Required	0	0400103/0400137/0400130 Chargers	
20	7018504	1	0400111 Chargers Prior to Date Code BT (Was P/N 7011644)	
20	7018530	1	0400111 Chargers Date Code BT (February 1996) to Present	
21		Ref	Relay Options:	
21	Not Required	0	0400103/0400137/0400130 Chargers	
21	7011649	1	0400111 Chargers	

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FIGURE 1-7. BATTERY CHARGER ASSEMBLY - UK ONLY (110/220 DUAL VOLTAGE) (SN 43921 to Present)



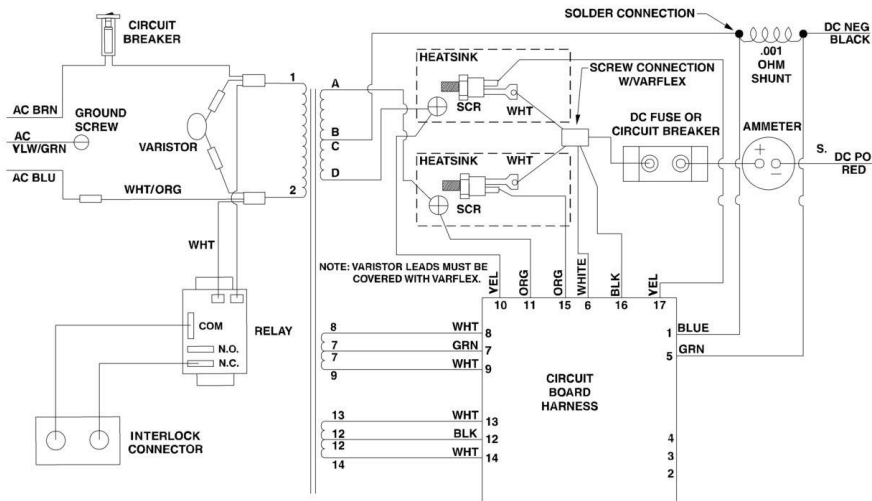
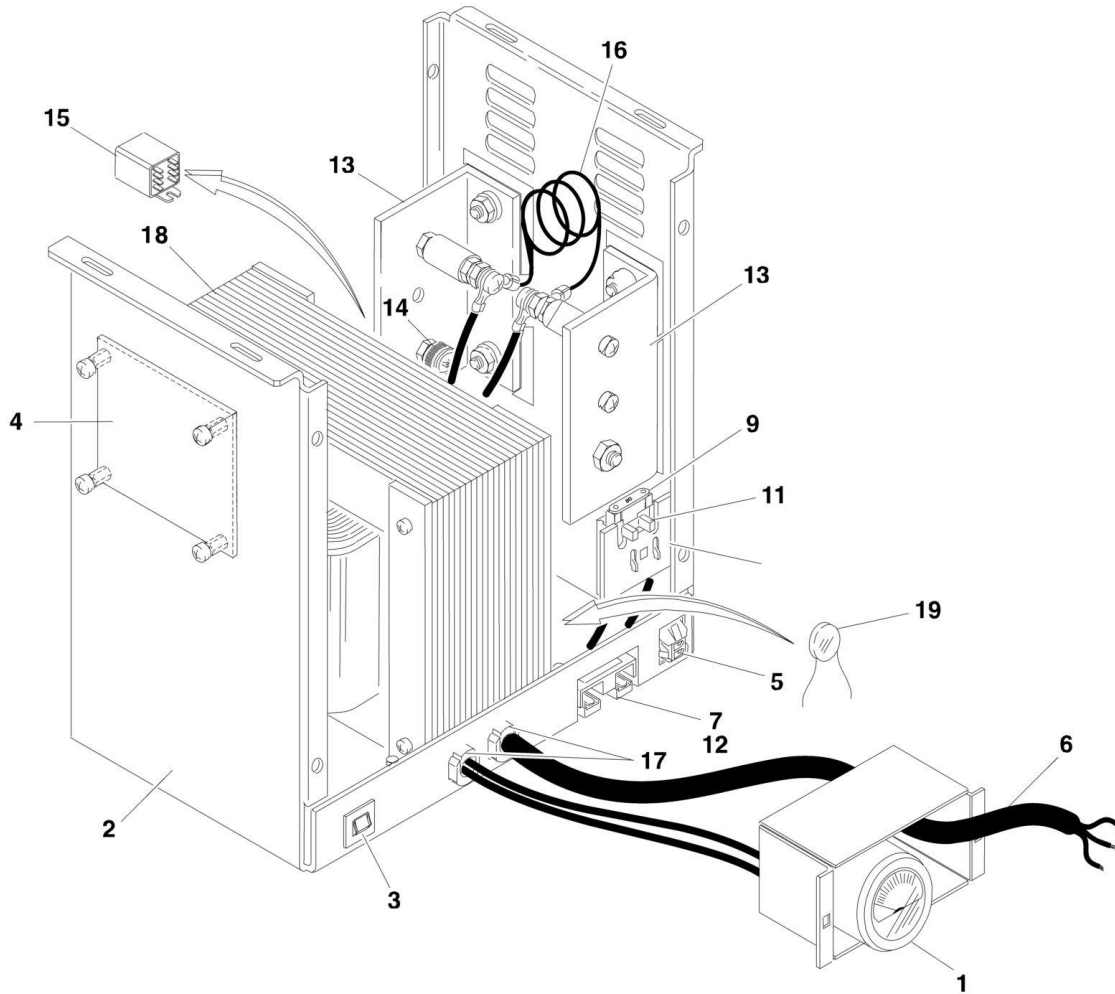
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FIGURE 1-7. BATTERY CHARGER ASSEMBLY - UK ONLY (110/220 DUAL VOLTAGE) (SN 43921 to Present)

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

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



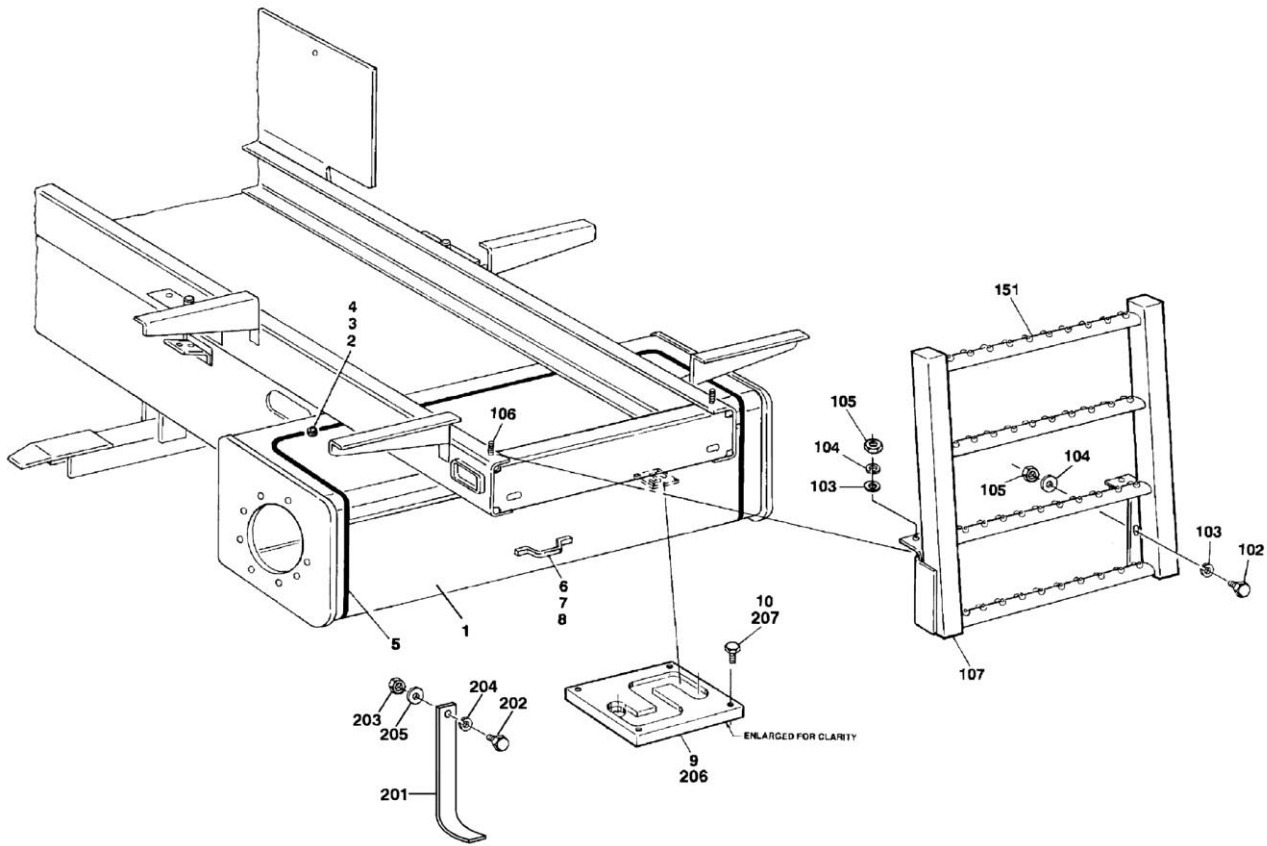
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FIGURE 1-8. BATTERY CHARGER ASSEMBLY - EURO SPEC (SERVICE REPLACEMENT)

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

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FIGURE 1-9. FRAME MOUNTED COMPONENTS INSTALLATION



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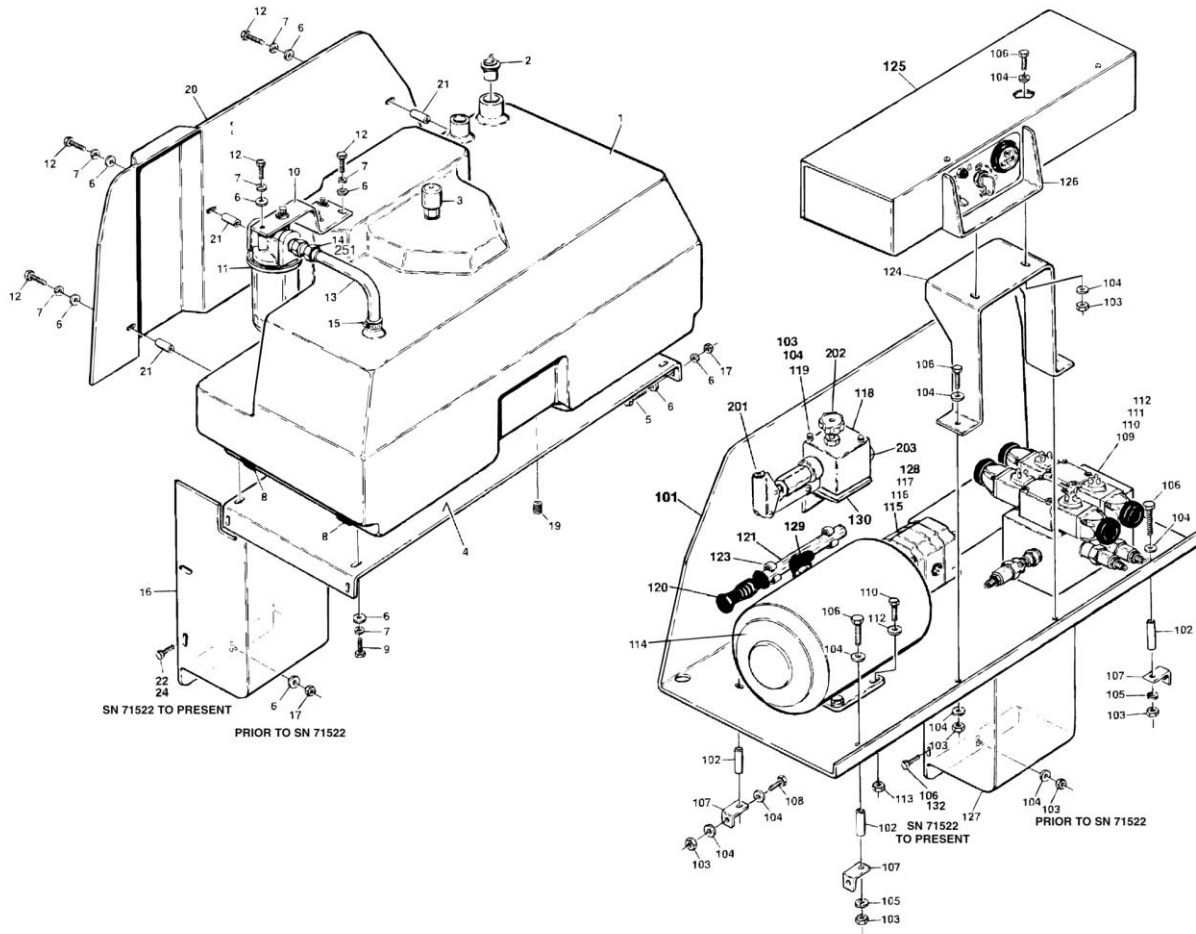
FIGURE 1-9. FRAME MOUNTED COMPONENTS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0253995	Ref	AXLE COVER INSTALLATION	3
1	3538294	1	Cover	
2	3900174	4	Thumbscrew	
3	3760308	4	Retainer	
4	1380138	4	Clip, Receptacle	
5	3960447	11.5 ft/3.5m	Seal	
6	2560003	1	Handle	
7	3820020	4	Rivet	
8	4751000	4	Flatwasher #10	
9	3538157	2	Plate, Drain (Prior to SN 70891)	
10	0791004	8	Screw #10 x 1/2 (Prior to SN 70891)	
		Ref	LADDER INSTALLATION OPTIONS:	
	0254459	Ref	Ladder Installation Model 3369 (Prior to SN 33424)	A
	0257335	Ref	Ladder Installation Model 3369 (SN 33424 to Present)	4
	0254461	Ref	Ladder Installation Model 3969 (Prior to SN 33811)	A
	0257334	Ref	Ladder Installation Model 3969 (SN 33811 to Present)	4
102	0641610	2	Bolt 3/8in-16NC x 1 1/4in (Prior to SN 56271)	
102	0641612	4	Bolt 3/8in-16NC x 1 1/4in (SN 56271 to Present)	
103	4751600	8	Flatwasher 3/8in	
104	4761600	4	Lockwasher 3/8in (Prior to SN 55724)	
105	3311601	4	Nut 3/8in-16NC (Prior to SN 55724)	
105	3311605	4	Nut 3/8in-16NC (SN 55724 to Present)	
106	4300034	2	Stud (Welded on Parts) (Prior to February 1995)	
107	3520071	4	Cap	
151		Ref	Ladder Options:	
151	4844636	1	Ladder Model 3369 (Prior to SN 33424)	
151	4845492	1	Ladder Model 3369 (SN 33424 through 54194)	
151	4845916	1	Ladder Model 3369 (SN 54195 to Present)	
151	4844638	1	Ladder Model 3969 (Prior to SN 33811)	
151	4845491	1	Ladder Model 3969 (SN 33811 through 54194)	
151	4845917	1	Ladder Model 3969 (SN 54195 to Present)	
	0255065	Ref	ANTI-STATIC STRAP INSTALLATION	2
201	4240084	1	Strap, Anti-Static	
202	0641508	1	Bolt 5/16in-18NC x 1in	
203	3311501	1	Nut 5/16in-18NC	
204	4761500	1	Lockwasher 5/16in	
205	4751500	2	Flatwasher 5/16in	
206	3538157	2	Plate, Drain (SN 70891 to Present)	
207	0791004	8	Screw #10 x 1/2in (SN 70891 to Present)	

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SECTION 2 - GROUND COMPONENTS

FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION



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FIGURE 2-1. HYDRAULIC COMPONENTS INSTALLATION

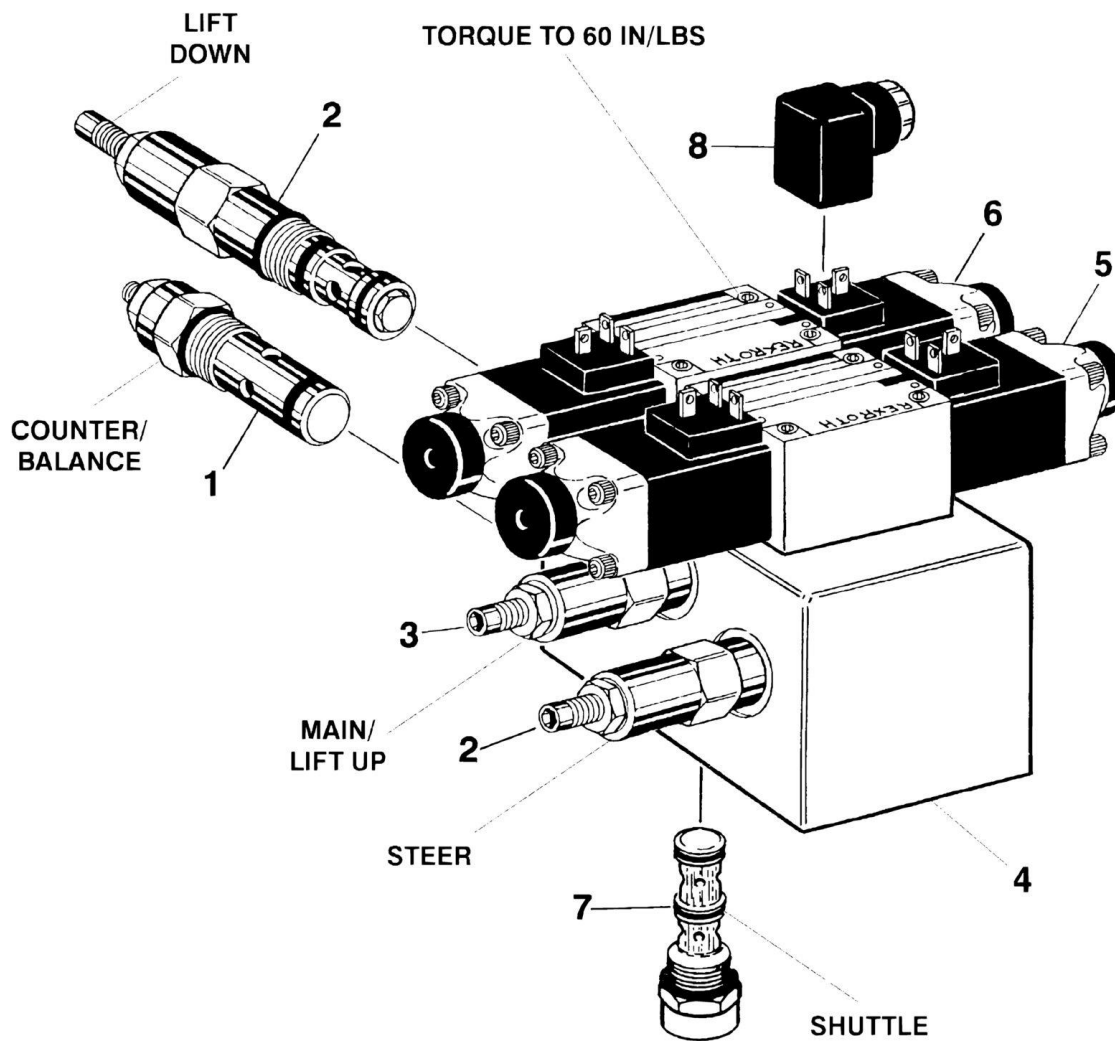
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0254492	Ref	HYDRAULIC TANK AND FILTER INSTALLATION	4
1	4400358	1	Tray, Hydraulic	
2	3520077	1	Plug, Fill	
3	1340052	1	Breather	
4	3538236	1	Plate, Support	
5	0641408	4	Bolt 1/4in-20NC x 1in	
6	4751400	16	Flatwasher 1/4in	
7	4761400	13	Lockwasher 1/4in	
8	2820064	4	Insulator, Rubber	
9	0641405	13	Bolt 1/4in-20NC x 5/8in	
10	0902034	1	Bracket, Mounting	
11	2120105	1	Filter Assembly	
11	2120072	1	Element, Filter	
12	0641404	9	Bolt 1/4in-20NC x 1/4in (Prior to SN 39555)	
13	4566413	1	Tube, Return	
14	2220347	1	Fitting, Straight	
15	1320033	1	Clamp, Hose	
16		Ref	Cover, Hose Options:	
16	4060866	1	Cover, Hose (Prior to SN 71522)	
16	4060983	1	Cover, Hose (SN 71522 to Present)	
17	3311405	4	Locknut 1/4in-20NC	
18	0100020	AR	Sealant (Not Shown)	
19	2200053	1	Plug, Drain (Prior to SN 50189)	
19	2200233	1	Plug, Drain (SN 50189 to Present)	
20	4060867	1	Cover, Rear	
21	3300377	4	Stand-off	
22	0641406	2	Bolt 1/4in-20NC x 3/4in (SN 71522 to Present)	
23	0100011	AR	Loctite #242 (Not Shown) (SN 71522 to Present)	
24	3300353	2	Nut, Tinnerman (SN 71522 to Present)	
	0255270	Ref	HYDRAULIC MOTOR AND VALVE ASSEMBLY (PRIOR TO JULY 1994)	5
	0255843	Ref	HYDRAULIC MOTOR AND VALVE ASSEMBLY (JULY 1994 TO PRESENT)	4
	0258797	Ref	HYDRAULIC MOTOR AND VALVE ASSEMBLY - CE (WITH ELECTRIC BRAKE RELEASE) (SN 53019 to Present)	2
	0258796	Ref	HYDRAULIC MOTOR AND VALVE ASSEMBLY - AUSTRALIAN SPEC (SN 53019 to Present)	2
101	3538736	1	Plate, Mounting	
102	3300377	4	Stand-off	
103	3311405	14	Locknut 1/4in-20NC	
104	4751400	29	Flatwasher 1/4in	
105	4761400	4	Lockwasher 1/4in	
106	0641406	10	Bolt 1/4in-20NC x 3/4in	
107	0181747	4	Angle	
108	0641408	4	Bolt 1/4in-20NC x 1in	
109	4640915	1	Control Valve (See CONTROL VALVE ASSEMBLY for Breakdown)	
110	0641507	10	5/16in-18NC	
111	4761500	4	Lockwasher 5/16in	
112	4751500	18	Flatwasher 5/16in	
113	3311505	6	Locknut 5/16in-18NC	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
114	3160194	1	Motor Assembly	
114	7023231	1	Endhead, Drive	
114	7023479	1	Armature	
114	2900811	1	Repair Kit - 3160194 Motor (Includes Bearing, Brushes, Springs and Wavy Washer)	
115	3600220	1	Pump Assembly (See PUMP ASSEMBLY for Breakdown)	
116	0641608	2	Bolt 3/8in-16NC x 1in	
117	4761600	2	Lockwasher 3/8in	
118	4640859	1	Pump Assembly - Manual Descent (See Items 201-203 for Breakdown)	
119	0641424	2	Bolt 1/4in-20NC x 3in	
120	2560123	1	Grip	
121	2560122	1	Handle (Prior to SN 45740)	
121	2560155	1	Handle (SN 45740 to Present)	
122	1380136	2	Clip, Grip	
123	3820019	2	Rivet	
124	0902038	1	Bracket, Mounting	
125		Ref	Ground Control Box Assembly Options: (See GROUND CONTROL BOX ASSEMBLY for Breakdown)	
125	0860969	1	Ground Control Box Assembly (Prior to July 1995)	
125	0861014	1	Ground Control Box Assembly (July 1995 to Present)	
125	0861248	1	CE With Electric Brake Release (SN 53019 to Present)	
125	0861247	1	Australian Spec (SN 53019 to Present)	
126	3537692	1	Plate, Shield	
127		Ref	Cover, Hose Options:	
127	4060866	1	Cover, Hose (Prior to SN 71522)	
127	4060983	1	Cover, Hose (SN 71522 to Present)	
128	4711600	2	Flatwasher 3/8in	
129	0840027	2	Boot, Terminal (September 1995 to Present)	
130		Ref	Angle, Valve Mounting Options:	
130	Not Required	0	Angle, Valve Mounting (Prior to October 1994)	
130	0181791	1	Angle, Valve Mounting (October 1994 to Present)	
131	0100011	AR	Loctite #242 (Not Shown) (SN 71522 to Present)	
132	3300353	2	Nut, Tinnerman (SN 71522 to Present)	
	4640859	Ref	PUMP ASSEMBLY - MANUAL DESCENT	-
201	7012952	1	Pump Cartridge Assembly	
201	2900708	1	Seal Kit	
202	7012954	1	Release Cartridge Assembly	
202	7012953	1	Seal Kit - 7012954 Valve	
202	7012961	1	Knob	
203	7012955	1	Check Cartridge Assembly	
203	7012540	1	Seal Kit - 7012955 Valve	
	0257177	Ref	PUMP ASSEMBLY - MANUAL DESCENT	1
251	4641007	1	Valve, Check 5psi	

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FIGURE 2-2. CONTROL VALVE ASSEMBLY



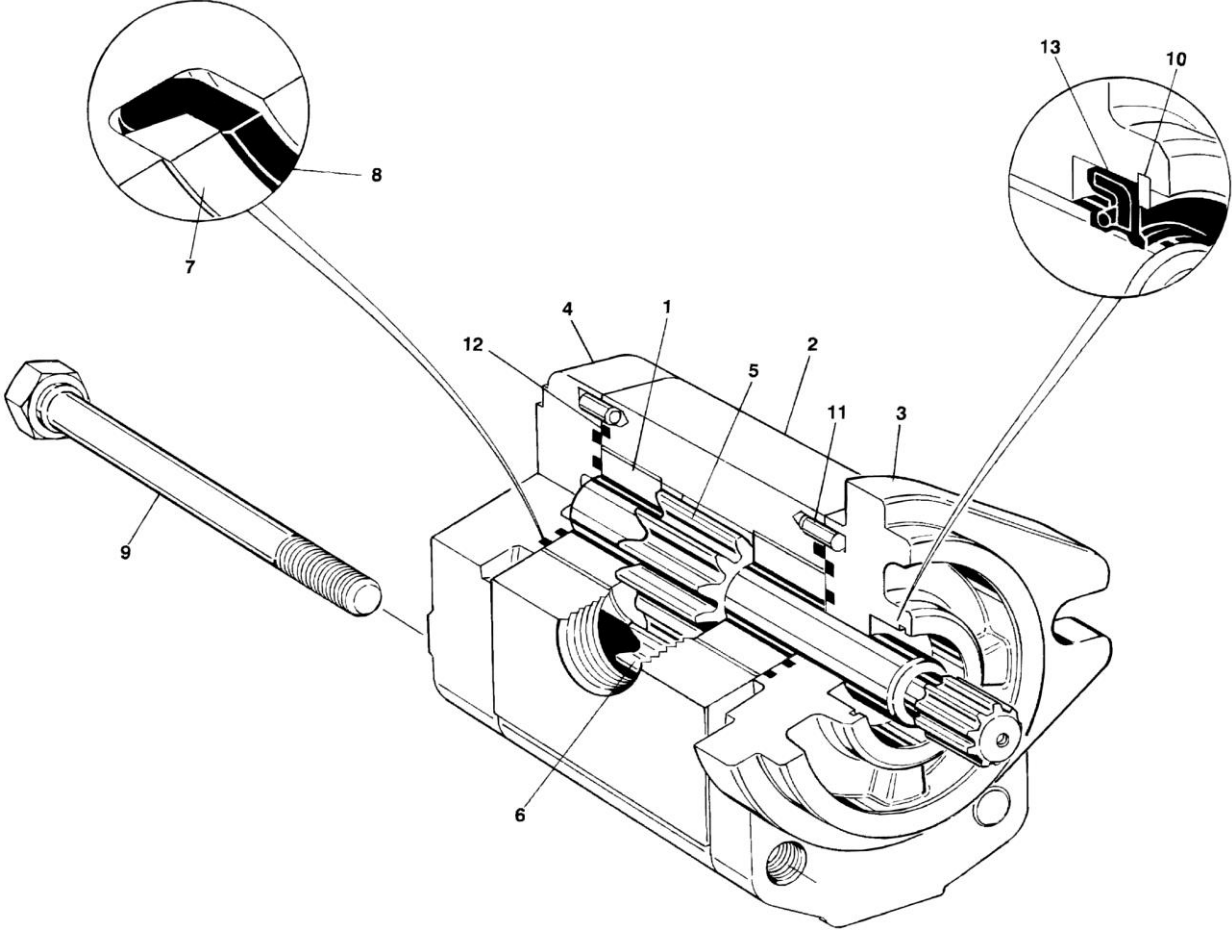
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FIGURE 2-2. CONTROL VALVE ASSEMBLY

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

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FIGURE 2-3. PUMP ASSEMBLY



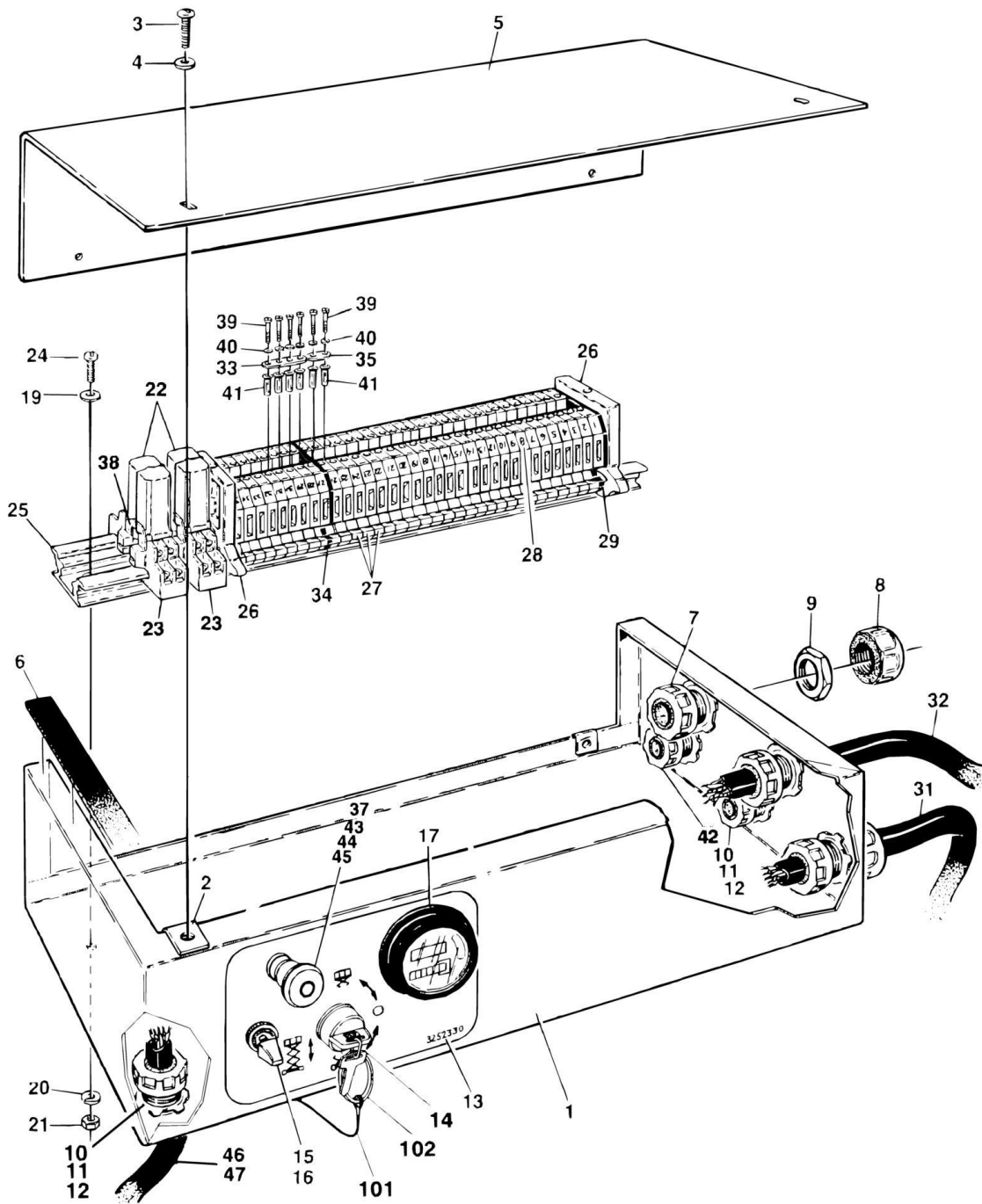
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FIGURE 2-3. PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	3600220	Ref	PUMP ASSEMBLY	-
1	7010102	2	Bearing	
2	Not Serviced	1	Housing	
3	7010100	1	Flange, Front	
4	7010103	1	Cover	
5	7010101	1	Gear, Drive	
6	7007499	1	Gear, Idle	
7	Kit	2	Ring, Anti-Extrusion	
8	Kit	2	Seal, Pressure	
9	Not Serviced	4	Bolt	
10	7010104	1	Ring, Snap	
11	Not Serviced	4	Pin, Dowel	
12	Kit	2	Seal, Outer	
13	7007298	1	Seal, Shaft	
	7007489	1	Seal Kit - 3600220 Pump (Includes Items 7, 8, 12 & 13)	

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FIGURE 2-4. GROUND CONTROL BOX ASSEMBLY



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FIGURE 2-4. GROUND CONTROL BOX ASSEMBLY

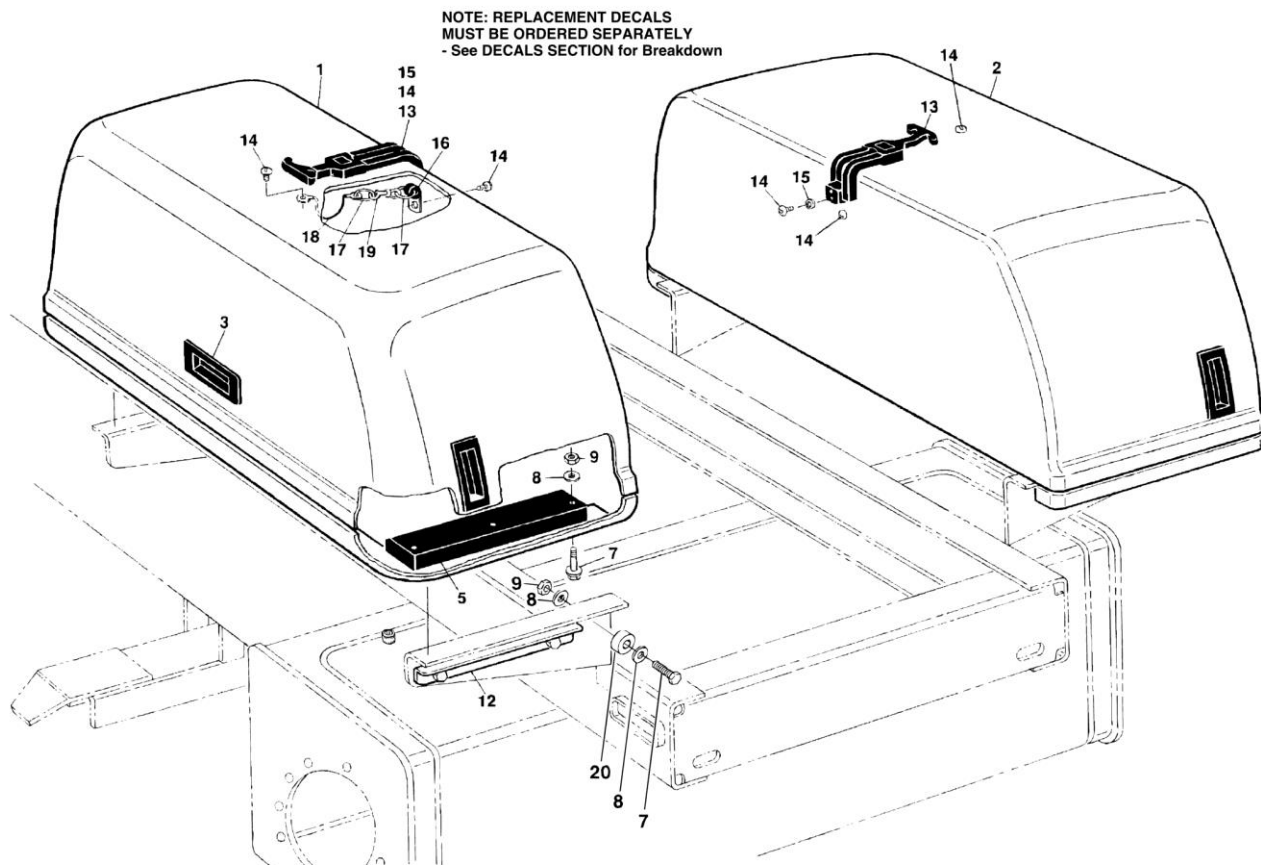
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0860969	Ref	GROUND CONTROL BOX ASSEMBLY (PRIOR TO JULY 1995)	B
	0861014	Ref	GROUND CONTROL BOX ASSEMBLY (JULY 1995 to PRESENT)	6
	0861248	Ref	GROUND CONTROL BOX ASSEMBLY (CE WITH ELECTRIC BRAKE RELEASE) (SN 53019 to Present)	5
	0861247	Ref	GROUND CONTROL BOX ASSEMBLY (AUSTRALIAN WITH ELECTRIC BRAKE RELEASE) (SN 53019 to Present)	5
1		Ref	Box Options:	
1	0860970	1	Box (Prior to SN 53019)	
1	0861246	1	Box (SN 53019 through 66900)	
1	0861312	1	Box (SN 66901 through 72147)	
1	0861342	1	Box (SN 72148 to Present)	
2	3300177	4	Nut, Tinnerman	
3	0750806	4	Screw, Self-Tap #8 x 3/4in	
4	4740120	4	Washer, Nylon	
5	0860971	1	Lid, Box	
6	4420037	52 in/1.3m	Strip, Rubber	
7	4460052	3	Connector, Strain Relief	
8	0960239	3	Bushing	
9	3300047	3	Locknut, Conduit	
10	4460071	1	Connector, Strain Relief	
11	0960238	2	Bushing	
12	3300048	2	Locknut, Conduit	
13		Ref	Nameplate Options:	
13	3252330	1	Nameplate (Prior to SN 66901)	
13	3252651	1	Nameplate (SN 66901 through 72147)	
13	3252666	1	Nameplate (SN 72148 to Present)	
14		Ref	Switch, Key Options:	
14	4360347	1	Switch, Key (Prior to SN 66901)	
14	7012587	1 Set	Keys, Replacement	
14	4360474	1	Switch, Key (SN 66901 to Present)	
14	2860030	1 Set	Keys, Replacement	
15	4360314	1	Switch, Toggle	
16	3790012	1	O-Ring	
17	2420106	1	Gauge, Hourmeter	
19	4750600	2	Flatwasher #6	
20	4760600	2	Lockwasher #6	
21	3310601	2	Nut #6-32NC	
22	3740087	AR	Relay (Std Qty 2/With Options Qty 3 or 4)	
23	4120027	AR	Socket (Std Qty 2/With Options Qty 3 or 4)	
24	3910606	2	Screw #6-32NC x 3/8in	
25	3640865	1	Strip, Terminal (Prior to SN 53228)	
25	3641308	1	Strip, Terminal (SN 53228 to Present)	
26	4460299	2	Stop, Terminal	
27	4460298	35	Block, Terminal	
28	4460301	1	Strip, Terminal Marking	
29	4460300	2	Barrier, Terminal	
31	4921700	1	Harness - Ground Control Box to Control Module	
32	4921666	1	Harness - Ground Control Box to Valves	
33	4460310	1	Bar, Buss	
34	4460300	1	Barrier, Terminal	

SECTION 2 - GROUND COMPONENTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
35	4460308	1	Bar, Buss	
37	4360274	1	Switch, Push Button (Prior to SN 72148)	
38	3740063	AR	Clip, Relay (Std Qty 2/With Options Qty 3 or 4)	
39	4460305	8	Screw, Terminal	
40	4460306	8	Washer, Terminal	
41	4460307	8	Sleeve, Terminal	
42	4460051	AR	Connector, Strain Relief	
43	4360282	1	EMS, Contact Block (SN 72148 to Present)	
44	4740066	1	Washer, Thrust (SN 72148 to Present)	
45	4360475	1	Switch, E-Stop (SN 72148 to Present)	
45	7020175	1	Cap/E-Stop With Seal	
45	7020176	1	Contact Block W/Mount	
46	4922133	1	Harness - Brake Disconnect MTB (Machines Equipped With Electric Brake Release Only)	
47	4922065	1	Harness - Brake Disconnect Switch (Machines Equipped With Electric Brake Release Only)	
48	3990001	1	Diode 3.5 Amp (CE Machines Equipped With Electric Brake Release Only) (Not Shown)	
49	2820026	0.08 ft/.02m	Loom (CE Machines Equipped With Electric Brake Release Only) (Not Shown)	
	0255253	Ref	KEY ATTACH LANYARD (OPTIONAL)	A
101	1060380	1	Cable, Lanyard	
102	3760170	1	Ring	

SECTION 2 - GROUND COMPONENTS

FIGURE 2-5. COVERS INSTALLATION



SECTION 2 - GROUND COMPONENTS

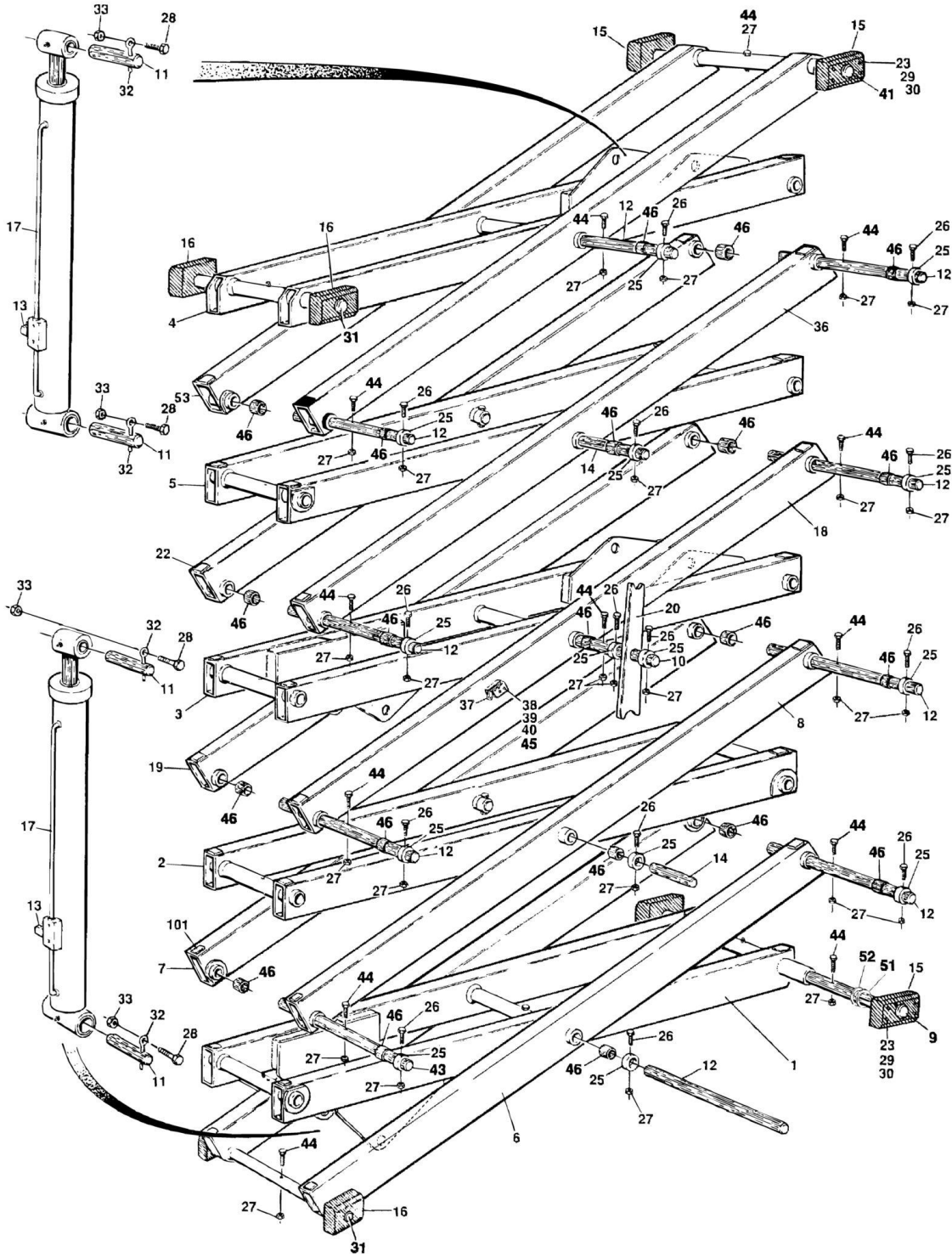
FIGURE 2-5. COVERS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0254494	Ref	COVERS INSTALLATION	4
1	4060868	1	Cover (Left Side)	
2	4060869	1	Cover (Right Side)	
3	2560124	4	Handle, Pull	
5	3340747	4	Pad, Slide	
7	0641410	16	Bolt 1/4in-20NC x 1 1/4in	
8	4751400	32	Flatwasher 1/4in (Wide)	
9	3311405	16	Locknut 1/4in-20NC	
12	0181742	4	Angle, Slide Mount	
13	2940080	2	Latch	
14	3911008	6	Screw, Round Head #10-24NC x 1/2in	
15	4761000	6	Lockwasher #10	
16	1320136	2	Clamp	
17	3760170	4	Ring	
18	1060379	2	Lanyard	
19	2940065	2	Latch	
20	3860090	4	Roller, Stop (SN 71522 to Present)	

SECTION 3 - SCISSOR ARMS

SECTION 3 - SCISSOR ARMS

FIGURE 3-1. SCISSOR ARMS INSTALLATION - MODEL 3369



SECTION 3 - SCISSOR ARMS

FIGURE 3-1. SCISSOR ARMS INSTALLATION - MODEL 3369

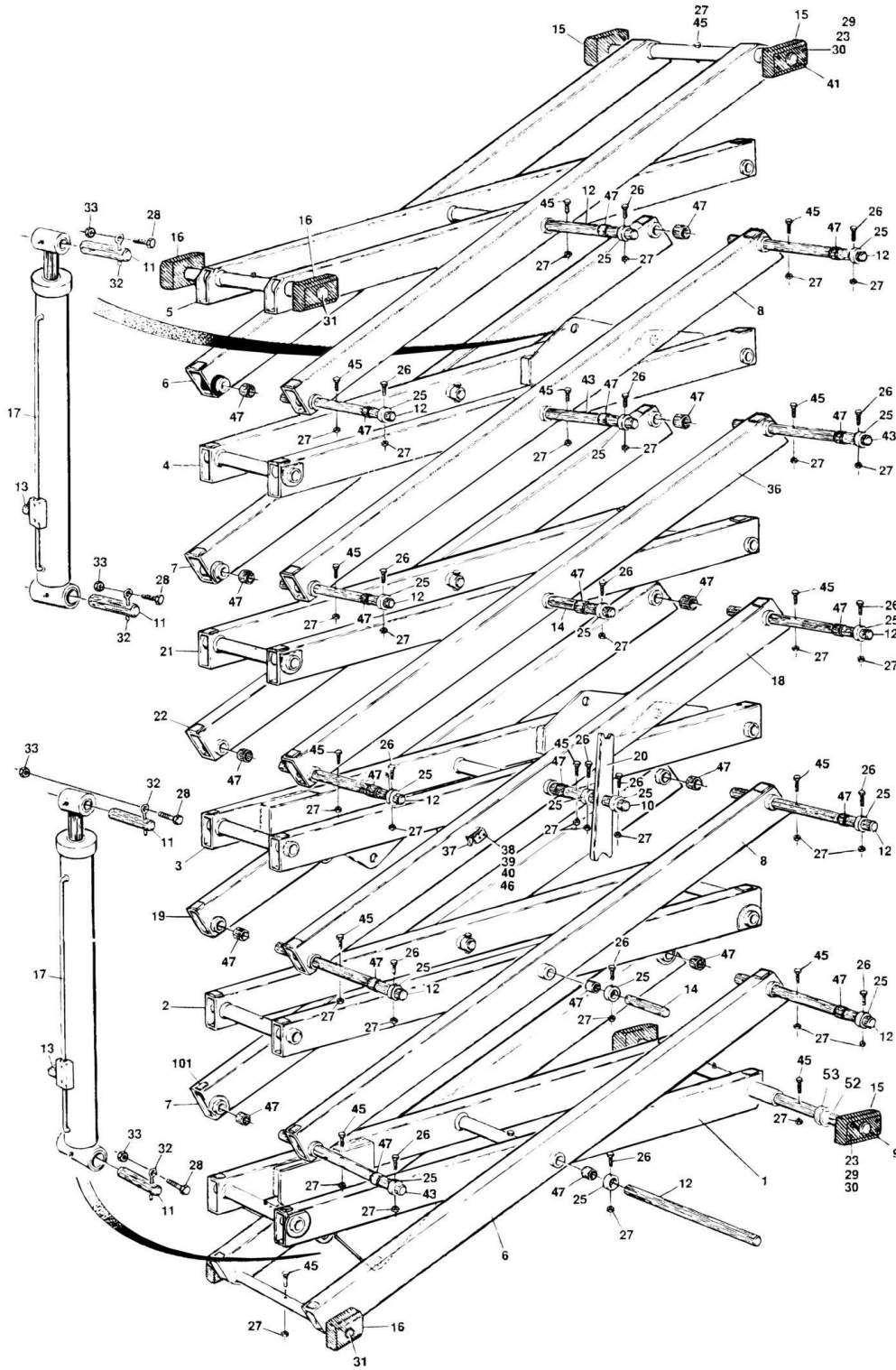
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0254239	Ref	SCISSOR ARMS INSTALLATION - STANDARD (3369)	11
1	0200495	1	Arm Weldment (Lower Inboard)	
2	0200496	1	Arm Weldment (2nd Inboard)	
3	0200497		Arm Weldment (3rd Inboard)	
4	0200521	1	Arm Weldment (Top Inboard)	
5	0200523	1	Arm Weldment (4nd Inboard)	
6	0200500	2	Arm Weldment (Lower and Top Outboard)	
7	0200501	1	Arm Weldment (2nd Outboard Left Side)	
8	0200502	1	Arm Weldment (2nd Outboard Right Side)	
9	3422199	1	Pin, Pivot	
10	3422200	1	Pin, Pivot	
11	3422201	4	Pin, Cylinder Attach	
12	3422202	9	Pin, Pivot	
13	4640381	2	Holding Valve Assembly	
13	7000644	AR	Coil (Hydraforce Version)	
13	7004334	AR	Coil (Modular Controls Version)	
13	2900756	AR	Seal Kit (Hydraforce Version)	
13	2900503	AR	Seal Kit (Modular Controls Version)	
14	3422204	4	Pin, Pivot	
15	3340669	4	Pad, Sliding (Bolt On)	
16	3340675	4	Pad, Sliding (Pivoting)	
17	1682935	2	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
18	0200503	1	Arm Weldment (3rd Outboard Right Side)	
19	0200504	1	Arm Weldment (3rd Outboard Left Side)	
20	3538343	2	Prop, Safety	
20	4844380	2	Prop, Safety (SNs 11657, 12289 & 12651 Only)	
22	0200522	1	Arm Weldment (4th Outboard Left Side)	
23	4751600	32	Flatwasher 3/8in	
24	0961756	2	Bushing, Spacer (SNs 11657, 12289 & 12651 Only) (Not Shown - Located at Item 20)	
25	1440227	28	Collar	
26	0641528	28	Bolt 5/16in-18NC x 3 1/2in	
27	3311505	47	Locknut 5/16in-18NC	
28	0630471	4	Bolt, Special	
29	0641624	16	Bolt 3/8in-16NC x 3in	
30	3311605	18	Locknut 3/8in-16NC	
31	3422275	2	Pin, Pivot	
32	3841203	4	Pin, Keeper	
33	3311805	4	Locknut 1/2in-13NC	
34	0232139	1	Lock, Prop (Right Side) (SNs 11657, 12289 & 12651 Only) (Not Shown - Located at Item 20)	
35	0232140	1	Lock, Prop (Left Side) (SNs 11657, 12289 & 12651 Only) (Not Shown - Located at Item 20)	
36	0200524	1	Arm Weldment (4th Outboard Right Side)	
37	2940081	2	Latch	
38	0641405	8	Bolt 1/4in-20NC x 5/8in	
39	4751400	8	Flatwasher 1/4in	
40	4761400	8	Lockwasher 1/4in	
41	3422416	1	Pin, Pivot	
43	3422202	1	Pin, Pivot	

SECTION 3 - SCISSOR ARMS

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

SECTION 3 - SCISSOR ARMS

FIGURE 3-2. SCISSOR ARMS INSTALLATION - MODEL 3969



SECTION 3 - SCISSOR ARMS

FIGURE 3-2. SCISSOR ARMS INSTALLATION - MODEL 3969

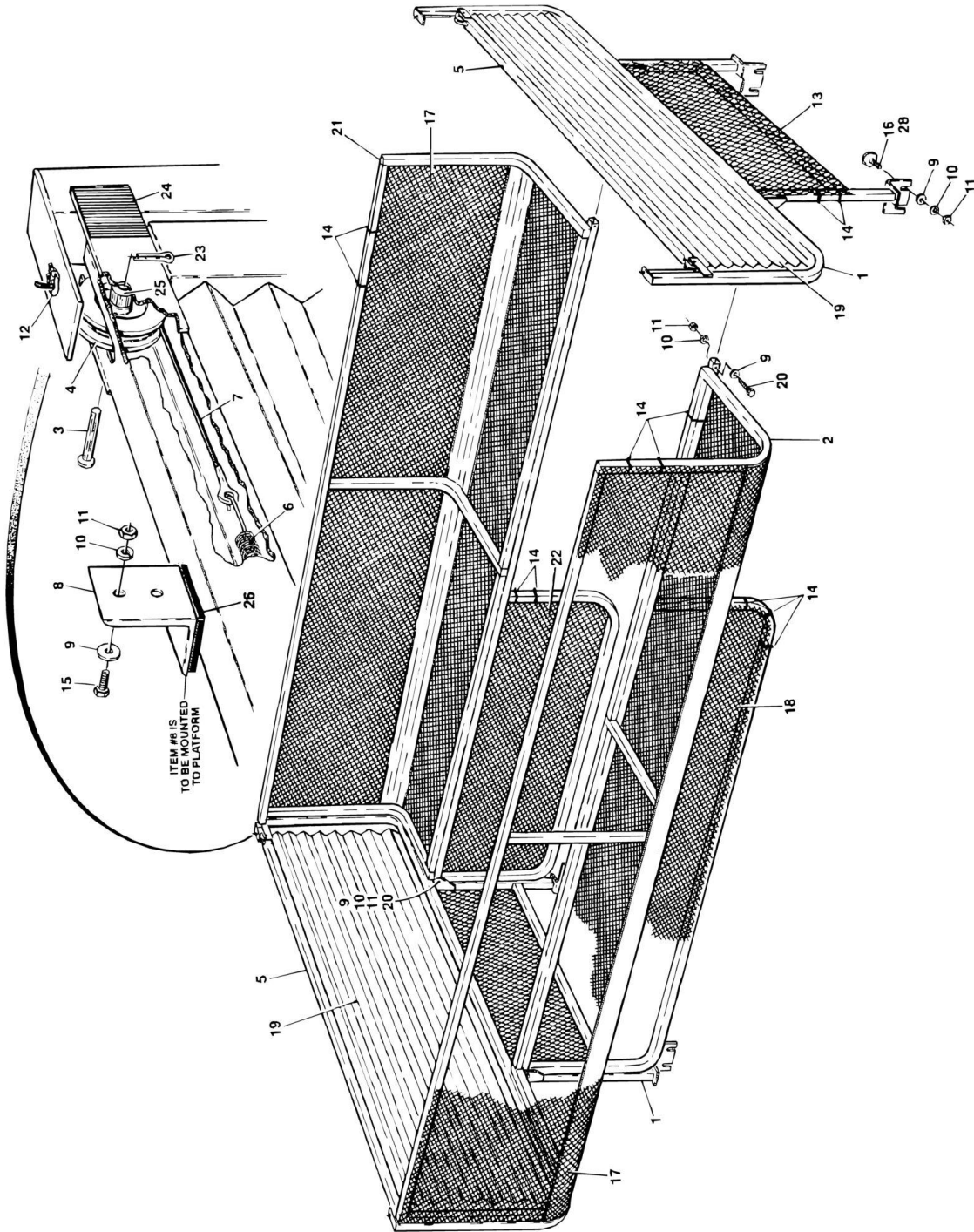
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0253761	Ref	SCISSOR ARMS INSTALLATION - STANDARD (3969)	12
1	0200495	1	Arm Weldment (Lower Inboard)	
2	0200496	1	Arm Weldment (2nd Inboard)	
3	0200497		Arm Weldment (3rd Inboard)	
4	0200498	1	Arm Weldment (5th Inboard)	
5	0200499	1	Arm Weldment (Top Inboard)	
6	0200500	2	Arm Weldment (Lower and Top Outboard)	
7	0200501	2	Arm Weldment (2nd & 5th Outboard Left Side)	
8	0200502	2	Arm Weldment (2nd & 5th Outboard Right Side)	
9	3422199	1	Pin, Pivot	
10	3422200	1	Pin, Pivot	
11	3422201	4	Pin, Cylinder Attach	
12	3422202	10	Pin, Pivot	
13	4640381	2	Holding Valve Assembly	
13	7000644	AR	Coil (Hydraforce Version)	
13	7004334	AR	Coil (Modular Controls Version)	
13	2900756	AR	Seal Kit (Hydraforce Version)	
13	2900503	AR	Seal Kit (Modular Controls Version)	
14	3422204	4	Pin, Pivot	
15	3340669	4	Pad, Sliding (Bolt On)	
16	3340675	4	Pad, Sliding (Pivoting)	
17	1682935	2	Lift Cylinder Assembly (See CYLINDER SECTION for Breakdown)	
18	0200503	1	Arm Weldment (3rd Outboard Right Side)	
19	0200504	1	Arm Weldment (3rd Outboard Left Side)	
20	3538343	2	Prop, Safety	
20	4844380	2	Prop, Safety (SNs 11657, 12289 & 12651 Only)	
21	0200523	1	Arm Weldment (4th Inboard)	
22	0200522	1	Arm Weldment (4th Outboard Left Side)	
23	4751600	32	Flatwasher 3/8in	
24	0961756	2	Bushing, Spacer (SNs 11657, 12289 & 12651 Only) (Not Shown - Located at Item 20)	
25	1440227	34	Collar	
26	0641528	56	Bolt 5/16in-18NC x 3 1/2in	
27	3311505	56	Locknut 5/16in-18NC	
28	0630471	4	Bolt, Special	
29	0641624	16	Bolt 3/8in-16NC x 3in	
30	3311605	18	Locknut 3/8in-16NC	
31	3422275	2	Pin, Pivot	
32	3841203	4	Pin, Keeper	
33	3311805	4	Locknut 1/2in-13NC	
34	0232139	1	Lock, Prop (Right Side) (SNs 11657, 12289 & 12651 Only) (Not Shown - Located at Item 20)	
35	0232140	1	Lock, Prop (Left Side) (SNs 11657, 12289 & 12651 Only) (Not Shown - Located at Item 20)	
36	0200524	1	Arm Weldment (4th Outboard Right Side)	
37	2940081	2	Latch	
38	0641405	8	Bolt 1/4in-20NC x 5/8in	
39	4751400	8	Flatwasher 1/4in	
40	4761400	8	Lockwasher 1/4in	
41	3422416	1	Pin, Pivot	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
43	3422202	3	Pin, Pivot	
45	0641526	19	Bolt 5/16in-18NC x 3 1/4in	
46	0902156	2	Bracket	
47	0961664	26	Bushing, Gar-Max	
48	1320061	8	Clamp, Cable (Not Shown) (Prior to SN 68667)	
49	4300038	8	Stud (Welded on Part) (Not Shown) (Prior to SN 68667)	
50	4761500	8	Lockwasher 5/16in (Not Shown) (Prior to SN 68667)	
51	3311501	8	Nut 5/16in-18NC (Not Shown) (Prior to SN 68667)	
52	4070964	2	Shim (SN 37453 to Present)	
53	4740229	2	Shims, Washer (SN 37453 to Present)	
	2901326	1	Sizzor Arms Kit (Includes Items 1-8, 18, 19-22 & 36)	
	0254475	Ref	ARM PADS INSTALLATION	3
101	3340645	40	Pad (Prior to SN 47469)	
101	3340841	40	Pad (SN 47469 through 53855)	
101	3340848	40	Pad (SN 53856 to Present)	
	0257363	Ref	PLATFORM CONTROL BOX CABLE ROUTING INSTALLATION (NOT SHOWN) (Prior to SN 68667)	1
151	4240033	8	Strap, Tie	
151	1320061	13	Clamp	
151	0641508	12	Bolt 5/16in-18NC x 1in	
151	4751500	24	Flatwasher 5/16in	
151	3311505	12	Locknut 5/16in-18NC	
	0259833	Ref	PLATFORM CONTROL BOX CABLE ROUTING INSTALLATION (NOT SHOWN) (SN 68667 to Present)	
151	1320061	8	Clamp	
151	0641408	8	Bolt 1/4in-20NC x 1in	
151	4751400	16	Flatwasher 1/4in	
151	3311405	8	Locknut 1/4in-20NC	

SECTION 3 - SCISSOR ARMS

FIGURE 3-3. ARM GUARD INSTALLATION



SECTION 3 - SCISSOR ARMS

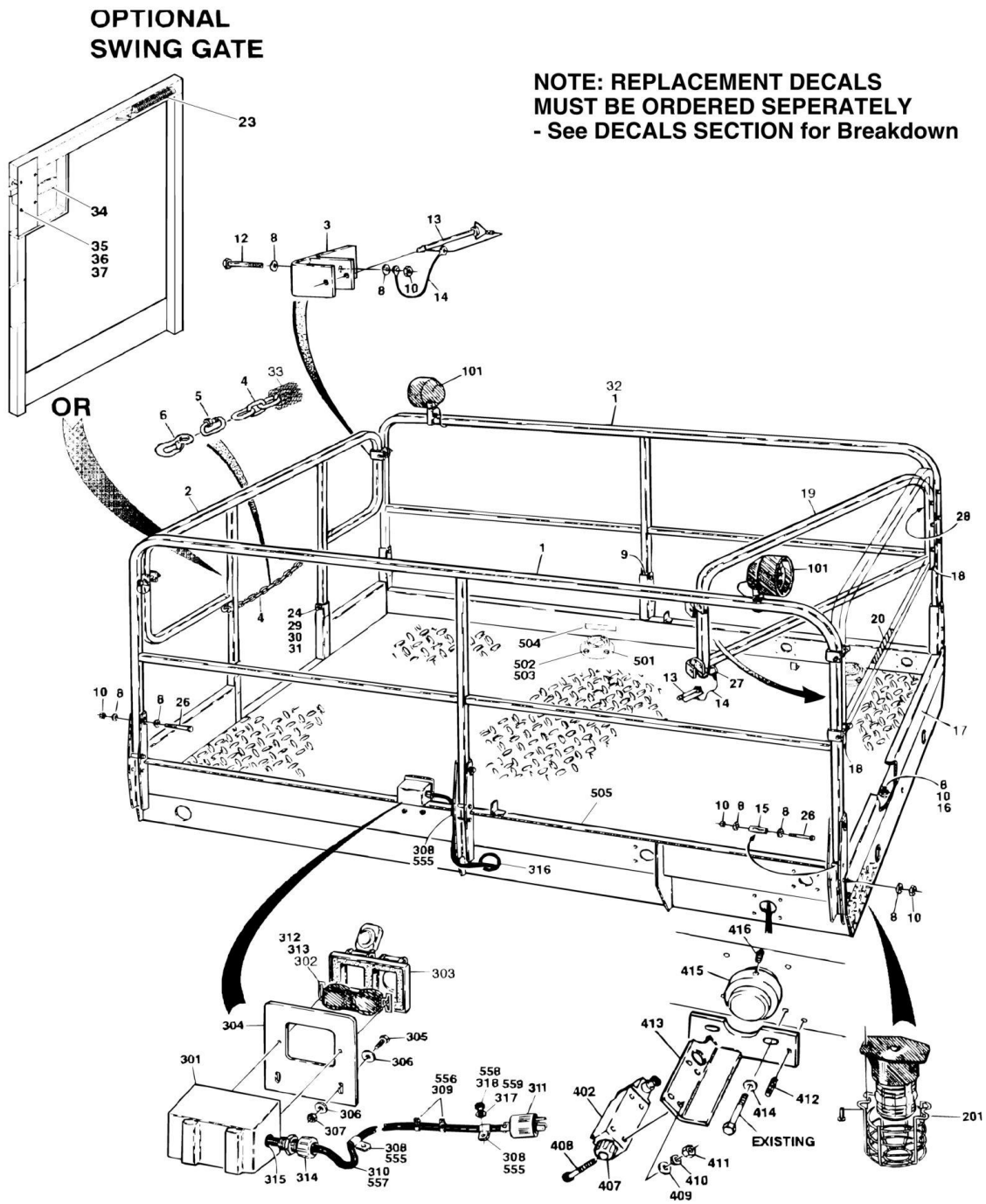
FIGURE 3-3. ARM GUARD INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0254374	Ref	ARM GUARD INSTALLATION	7
1	4844624	2	Weldment, Arm Guard End Rail	
2	4844625	1	Weldment, Arm Guard Side	
3	3430416	4	Pin Clevis 1/4in x 2in	
4	3580228	4	Sheave, Cable	
5	4844856	2	Weldment, Tube	
6	4160122	2	Spring	
7	1060578	4	Cable	
8	0181737	4	Angle	
9	4751500	24	Flatwasher 5/16in	
10	4761500	16	Lockwasher 5/16in (Prior to SN 80825)	
11	3311505	16	Locknut 5/16in-18NC	
12	1320217	4	Clip, Wire	
13	4060862	2	Netting, Arm Guard	
14	4240023	104	Strap, Tie	
15	0641508	4	Bolt 5/16in-18NC x 1in	
16	4300038	8	Stud 5/16in-18NC x 1in (Welded Part) (Prior to February 1995)	
17	4060861	2	Netting, Arm Guard	
18	4060864	1	Netting, Arm Guard	
19	4060860	2	Guard, Accordion	
20	0641516	4	Bolt 5/16in-18NC x 2in	
21	4844692	1	Weldment, Arm Guard Side	
22	4060863	1	Netting, Arm Guard	
23	3450203	4	Cotter Pin	
24	4420055	8	Tape	
25	4562083	8	Tube, Spacer	
26		Ref	Pad Options:	
26	3340645	4	Pad (Prior to SN 47115)	
26	3340841	4	Pad (SN 47115 to Present)	
28	0641510	8	Bolt 5/16in-18NC x 1 1/4in	
	2901867	1	Kit, Netting (Includes Items 13, 17, 18 & 22)	1

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
	3510410	1	PLATFORM WELDMENT	
		Ref	HANDRAIL INSTALLATION OPTIONS:	
	0253940	Ref	Handrails Without Extension	8
	0253939	Ref	Handrails With Extension	12
	0257361	Ref	Handrails With Swing Gate (SN 33811 to Present)	4
1	3640857	2	Rail Weldment - Side	
2		Ref	Rail Weldment - Rear Options:	
2	3640859	1	Rail Weldment - Rear	
2	4845494	1	Rail Weldment With Swing Gate - Rear	
3	0901870	2	Bracket	
4	Not Required	0	Not Required	
5	Not Required	0	Not Required	
6	Not Required	0	Not Required	
7	0641420	AR	Bolt 1/4in-20NC x 2 1/2in	
8	4711400	AR	Flatwasher 1/4in Narrow	
9	4420055	1 ft/31cm	Tape	
10	3311405	AR	Locknut 1/4in-20NC	
11		Ref	Rail Weldment	
11	3640860	1	Rail Weldment - With Out Extension	
11	3640860	1	Rail Weldment - With Extension	
11	Not Required	0	Rail Weldment - With Swing Gate	
12	0641416	2	Bolt 1/4in-20NC x 2in	
13	3422219	AR	Spring Pin	
14	1060379	AR	Cable, Lanyard	
15	0961845	6	Bushing	
16	0641406	AR	Bolt 1/4in-20NC x 3/4in	
17		Ref	Kick Plate Options:	
17	3536936	1	Kick Plate - With Out Extension	
17	Not Required	0	Kick Plate - With Extension	
17	Not Required	0	Kick Plate - With Swing Gate	
18	3520072	AR	Plug, Cap	
19		Ref	Rail Weldment - Front Options:	
19	3640858	1	Rail Weldment With Out Extension	
19	Not Required	0	Rail Weldment With Extension	
19	Not Required	0	Rail Weldment With Swing Gate	
20	3252234	1	Decal (Prior to SN 56271)	
22		Ref	Plate, Kick Options:	
22	3536987	1	Plate, Kick - With Drop Gate	
22	Not Required	0	Plate, Kick - With Swing Gate	
23	4160028	1	Spring (Machines With Swing Gate Option Only)	
24	4751500	4	Flatwasher 5/16in	
26	0641420	12	Bolt 1/4in-20NC x 2 1/2in	
27		Ref	Ring Options:	
27	3760170	AR	Ring - With Out Extension	
27	Not Required	0	Ring - Machine With Extension	
27	Not Required	0	Ring - Machine With Swing Gate	
28		Ref	Hinge Options:	
28	2600201	1	Hinge - With Out Extension	
28	Not Required	0	Hinge - With Extension	
28	Not Required	0	Hinge - With Swing Gate	

SECTION 4 - PLATFORM

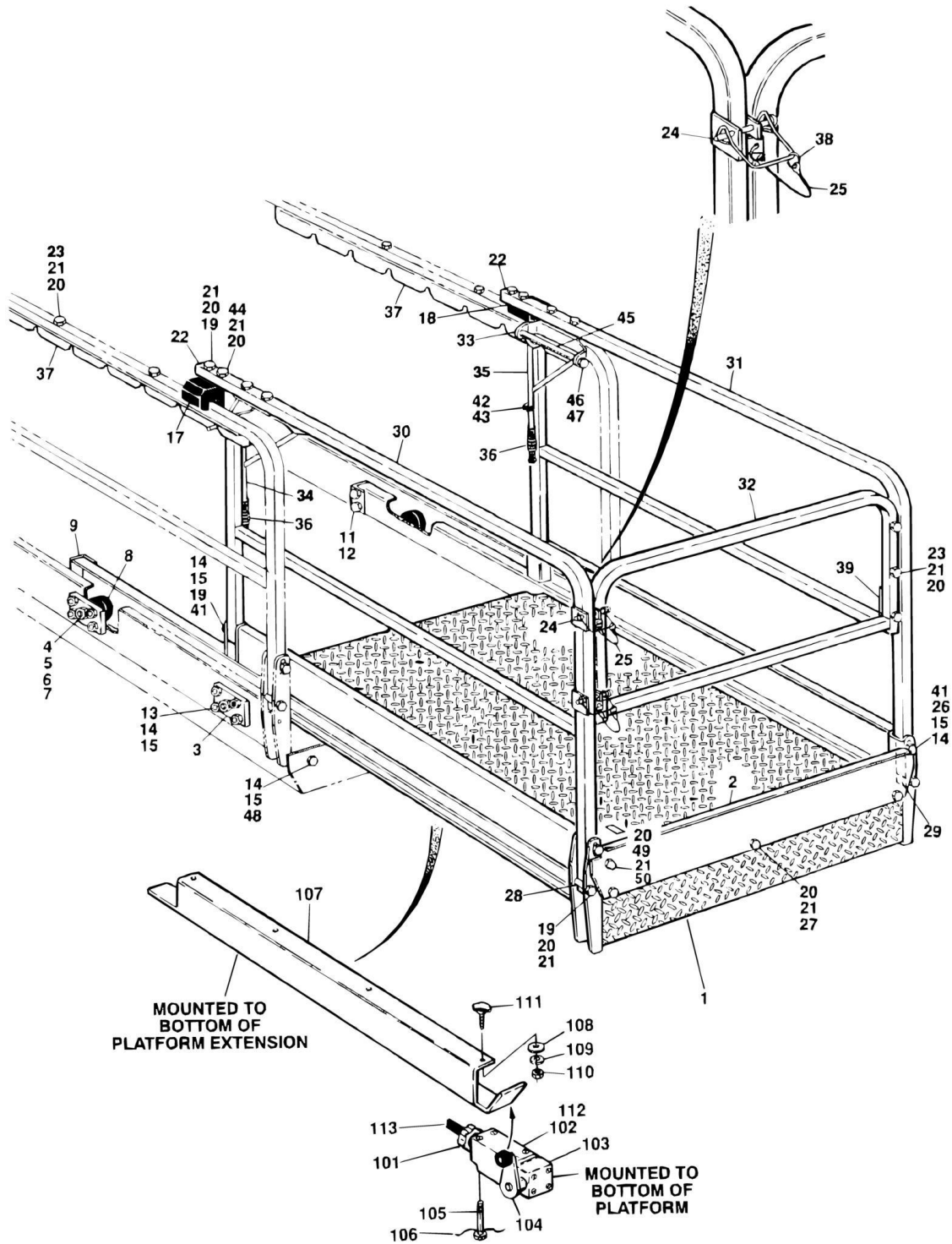
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
29	4740411	20	Washer, Nylon	
30	3300375	2	Nut, Binding	
31	3900184	2	Screw, Special	
32	Not Required	0	Not Required	
33	Not Required	0	Not Required	
34	2940074	1	Latch (Machines With Swing Gate Option Only)	
35	3911014	4	Screw #10-24NC x 7/8in (Machines With Swing Gate Option Only)	
36	3311005	4	Locknut #10-24NC (Machines With Swing Gate Option Only)	
37	4751000	4	Flatwasher #10 (Machines With Swing Gate Option Only)	
38	0100011	AR	Loctite #242 (Not Shown)	
	0254828	Ref	WORKLIGHTS INSTALLATION - 3369 (OPTIONAL)	B
	0254829	Ref	WORKLIGHTS INSTALLATION - 3969 (OPTIONAL)	2
101	2920095	2	Worklight	
101	1060341	AR	Cable, Electrical - 16-2	
101	0901930	2	Bracket	
101	0641416	2	Bolt 1/4in-20NC x 2in	
101	3311405	2	Locknut 1/4in-20NC	
101	4240033	14	Strap, Tie	
	0255032	Ref	BEACON LIGHT INSTALLATION - 3369 (OPTIONAL)	A
	0255034	Ref	BEACON LIGHT INSTALLATION - 3969 (OPTIONAL)	A
201	4060865	1	Shield, Cage	
201	2920119	1	Light, Beacon (Prior to SN 23604)	
201	7016319	1	Bulb, Flash Bulb	
201	7016320	1	Lens, Amber	
201	2920146	1	Light, Beacon (SN 23604 to Present)	
201	7016319	1	Bulb, Flash Bulb	
201	7016372	1	Lens, Amber	
201	0721006	2	Screw, Machine #10-24NC x 3/4in	
201	4751000	4	Flatwasher #10	
201	3311005	2	Locknut #10-24NC	
201	1060341	AR	Cable, Electrical 16/2	
	0254825	Ref	110 VOLT RECEPTACLE INSTALLATION - MODEL 3369 (OPTIONAL)	5
	0254826	Ref	110 VOLT RECEPTACLE INSTALLATION - MODEL 3969 (OPTIONAL)	4
	0255786	Ref	220 VOLT RECEPTACLE INSTALLATION - MODEL 3369 (OPTIONAL)	2
	0255787	Ref	220 VOLT RECEPTACLE INSTALLATION - MODEL 3969 (OPTIONAL)	2
301	Supply Locally	1	Box, Mounting	
302	Supply Locally	1	Receptacle	
303	Supply Locally	1	Shield, Cover	
304	3538051	1	Plate, Mounting	
305	0641406	2	Bolt 1/4in-20NC x 3/4in	
306	4751400	4	Flatwasher 1/4in	
307	3311405	2	Locknut 1/4in-20NC	
308	1320061	AR	Clamp	
309	4240033	10	Strap, Tie	
310	1060308	AR	Cable, Electrical - 12-3 Options (Prior to SN 45013)	
310	1060461	Ref	Cable, Electrical - 12-3 Options (SN 45013 to Present)	
310	1060461	80	Cable, Electrical - 12-3 Model 3369	
		ft/24.4m		

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
310	1060461	60 ft/18.3m	Cable, Electrical - 12-3 Model 3369	
310	1060461	90 ft/27.4m	Cable, Electrical - 12-3 Model 3969	
310	1060461	65 ft/19.8m	Cable, Electrical - 12-3 Model 3969	
311	Supply Locally	1	Plug, Connector	
312	1700598	2	Decal - Ground (Prior to SN 50044)	
313	1700599	2	Decal - Neutral (Prior to SN 50044)	
314	Supply Locally	1	Connector, Strain Relief	
315	Supply Locally	1	Bushing	
316	4060805	10 in/25.4cm	Shield, Flex Trim (SN 50044 to Present)	
317	4761500	4	Lockwasher 5/16in (SN 50044 to Present)	
318	3311501	4	Nut 5/16in-18NC (SN 50044 to Present)	
	0255213	Ref	LIMIT SWITCH INSTALLATION	4
402	4360300	1	Switch, Limit	
407	4460049	1	Connector, Strain Relief	
408	3910832	4	Screw, Machine #8-32NC x 2in (Prior to SN 49916)	
408	3910832	4	Screw, Machine #10-24NC x 2in (SN 49916 to Present)	
409	4750800	4	Flatwasher #8 (Prior to SN 49916)	
409	4751000	4	Flatwasher #10 (SN 49916 to Present)	
410	4760800	4	Lockwasher #8 (Prior to SN 49916)	
410	4761000	4	Lockwasher #10 (SN 49916 to Present)	
411	3310801	4	Nut #8-32NC (Prior to SN 49916)	
411	3311001	4	Nut #10-24NC (SN 49916 to Present)	
412	3440413	1	Rollpin	
413	0902106	1	Bracket	
414	4751600	2	Flatwasher 3/8in	
415	1100092	1	Cam	
416	3951512	2	Setscrew 5/16in-18NC x 1 1/4in	
	0257371	Ref	D-RING INSTALLATION (OPTIONAL)	1
501	3760321	4	D-Ring, Swivel Ring	
502	0630476	16	Button Head Screw 5/16in-18NC x 3/4in	
503	4761500	16	Lockwasher 5/16in	
504	1703175	4	Decal - Anchorage Point	
505	3510583	1	Deck Weldment	
	0258828	Ref	AC CABLE INSTALLATION - 3369 (AUSTRALIAN SPEC) (SN 50044 to Present)	1
	0258829	Ref	AC CABLE INSTALLATION - 3969 (AUSTRALIAN SPEC) (SN 50044 to Present)	1
555	1320061	6	Clamp	
556	4240033	10	Strap, Tie	
557	1060461		Cable, Electrical - 12/3 Options:	
557	1060461	65 ft/19.8m	Cable, Electrical 3369	
557	1060461	70 ft/21.3m	Cable, Electrical 3369	
558	3311501	4	Nut 5/16in-18NC	
559	4761500	4	Lockwasher 5/16in	
560	4060805	1 ft/0.30m	TRIM, LOOM (NOT SHOWN)	

SECTION 4 - PLATFORM

FIGURE 4-2. MANUAL PLATFORM EXTENSION INSTALLATION



SECTION 4 - PLATFORM

FIGURE 4-2. MANUAL PLATFORM EXTENSION INSTALLATION

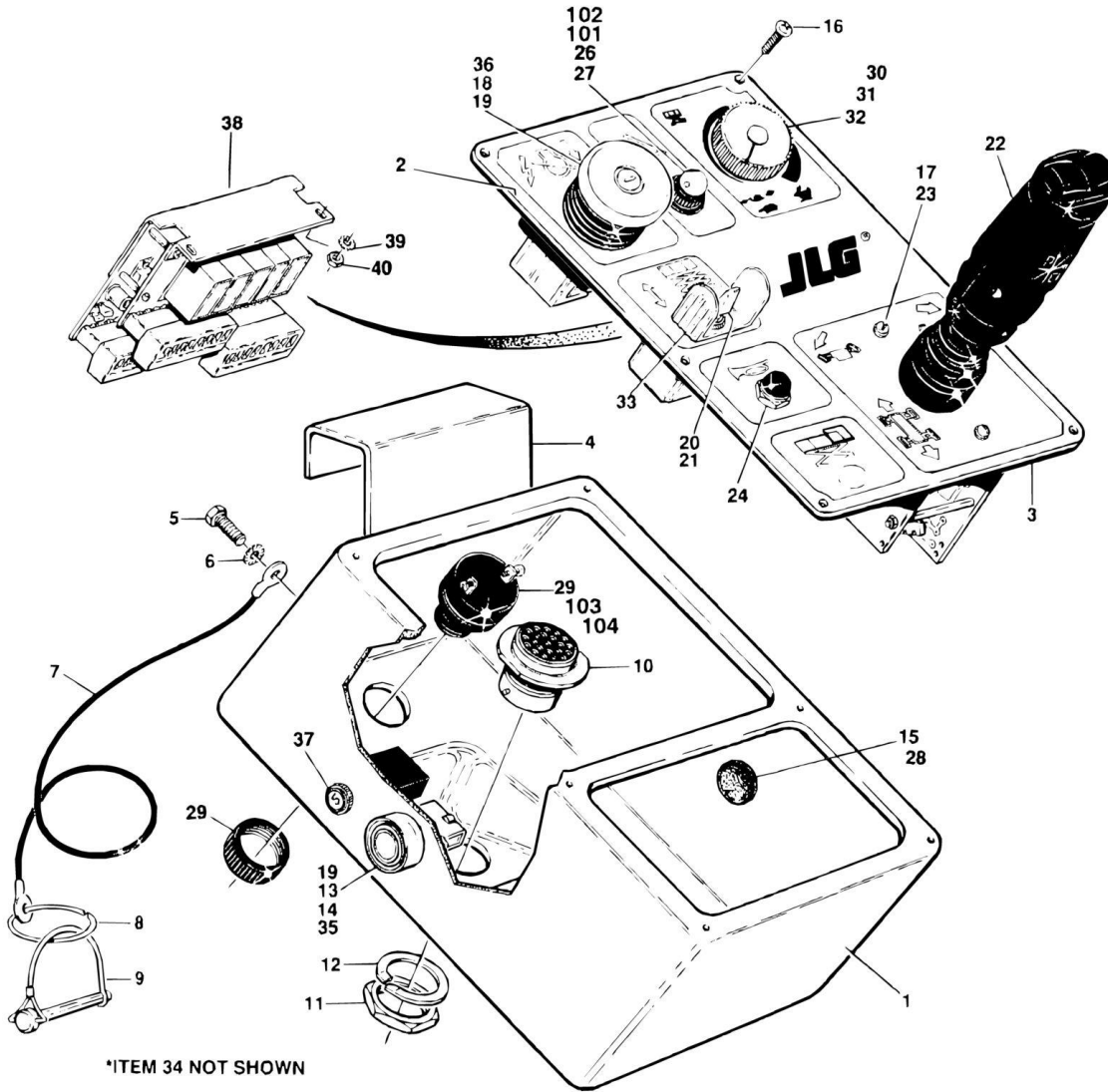
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0254476	Ref	MANUAL PLATFORM EXTENSION INSTALLATION	8
1	3510446	1	Extension Weldment	
2		Ref	Kick Plate - Front Options:	
2	3537610	1	Kick Plate - Front (Prior to SN 69983)	
2	3571800	1	Kick Plate - Front (SN 69983 to Present)	
3	3537619	4	Plate, Support (Roller)	
4	3841233	4	Rod, Support (Roller)	
5	3312202	4	Nut, Jam 3/4in-10NC	
5	3322202	4	Nut, Jam 3/4in-16NF	
6	3760348	4	Ring, Retainer	
7	4752200	4	Flatwasher 3/4in	
8	3860059	4	Roller	
9	3536639	2	Plate	
11	0641607	4	Bolt 3/8in-16NC x 7/8in	
12	4761600	4	Lockwasher 3/8in	
13	0641510	16	Bolt 5/16in-18NC x 1 1/4in	
14	4711500	16	Flatwasher 5/16in	
15	3311505	16	Locknut 5/16in-18NC (Prior to SN 69983)	
17	3340653	2	Pad, Slide	
18	4070829	4	Shim	
19	0641420	10	Bolt 1/4in-20NC x 2 1/2in	
20	4751400	70	Flatwasher 1/4in	
21	3311405	50	Locknut 1/4in-20NC	
22	3520072	8	Plug, Cap	
23	0641416	18	Bolt 1/4in-20NC x 2in	
24	3422219	4	Spring Pin	
25	1060379	4	Cable, Lanyard	
27	0641406	4	Bolt 1/4in-20NC x 3/4in	
28	0961845	2	Bushing	
29	4420055	3 in/8cm	Tape	
30	3640916	1	Rail Weldment (Right Side)	
31	3640917	1	Rail Weldment (Left Side)	
32	3640918	1	Rail Weldment (Front)	
33	3537609	2	Plate, Pivot	
34	4844683	1	Handle Weldment (Right Side)	
35	4844684	1	Handle Weldment (Left Side)	
36	2560088	2	Grip	
37	3537615	2	Plate, Latch	
38	3760170	2	Ring	
39	2600201	1	Hinge	
41	4740411	16	Washer, Nylon	
42	1380132	2	Clip, Grip	
43	3941004	2	Screw, Self-Tapping #10 x 1/2in	
44	3911440	4	Screw 1/4in-20NC x 2 1/2in	
45	0641676	2	Bolt 3/8in-16NC x 9 1/2in	
46	3311605	2	Locknut 3/8in-16NC	
47	4711600	4	Flatwasher 3/8in Narrow	
48	0940049	2	Bumper	
49	3300151	2	Nut, Acorn 1/4in-20NC (Prior to SN 69983)	
50	0641405	2	Bolt 1/4in-20NC x 5/8in (SN 69983 to Present)	

SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0255254	Ref	PLATFORM EXTENSION LIMIT SWITCH INSTALLATION (FRENCH AND ITALIAN SPEC) (Prior to SN 29596)	B
101	4460052	1	Connector, Strain Relief	
102	4360277	1	Switch, Limit	
103	4360236	1	Head, Switch Actuator	
104	4360278	1	Roller and Arm Assembly	
105	3900168	2	Screw, Special	
106	4920140	AR	Lockwire	
107	1100093	1	Cam, Limit Switch	
108	4751400	4	Flatwasher 1/4in	
109	4761400	4	Lockwasher 1/4in	
110	3311401	4	Nut 1/4in-20NC	
111	4300084	4	Stud, Weld (Welded Part)	
112	4460298	1	Block, Terminal	
113	1060341	90	Cable, Electrical 16/2	
		ft/27.4m		

SECTION 4 - PLATFORM

FIGURE 4-3. PLATFORM CONSOLE BOX ASSEMBLY (Prior to SN 71506)



SECTION 4 - PLATFORM

FIGURE 4-3. PLATFORM CONSOLE BOX ASSEMBLY (Prior to SN 71506)

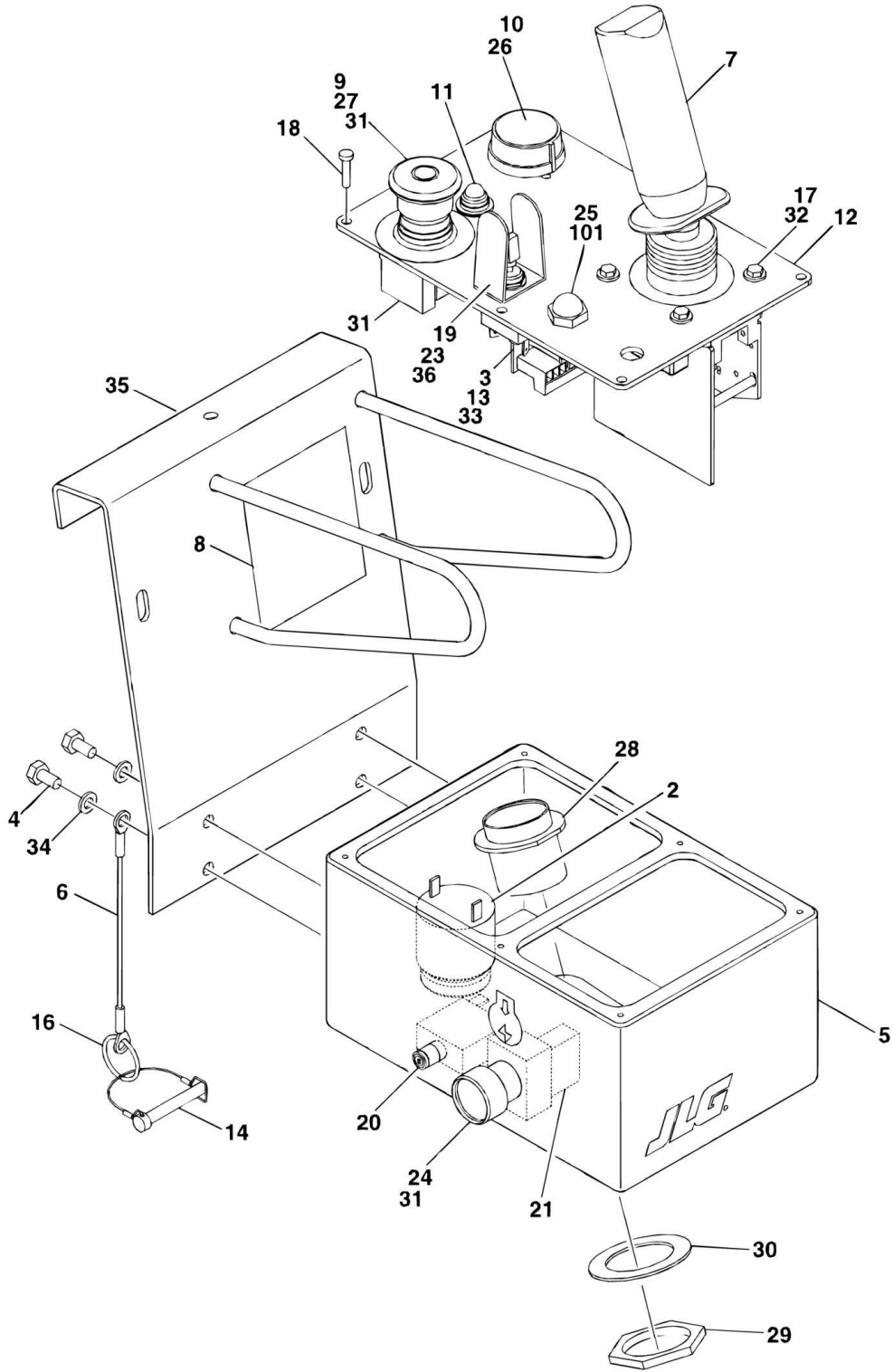
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0254546	Ref	CONSOLE BOX ASSEMBLY (Prior to SN 29596)	9
	0257162	Ref	CONSOLE BOX ASSEMBLY (SN 29596 to Present)	5
1	0860784	1	Box, Console	
2		Ref	Nameplate Options:	
2	3252326	1	Nameplate (Prior to SN 29596)	
2	3252522	1	Nameplate (SN 29596 to Present)	
3	4420008	32 in/.8m	Tape, Insulation	
4		Ref	Bracket, Hanger Options:	
4	0901859	1	Bracket, Hanger (Prior to SN 29596)	
4	0902498	1	Bracket, Hanger (SN 29596 to Present)	
5	0641404	4	Bolt 1/4in-20NC x 1/2in	
6	4791400	4	Starwasher 1/4in	
7	1060380	1	Lanyard - 10in/25.4cm	
8	3760170	1	Ring	
9	3421453	1	Pin, Snapper	
10	4460463	1	Receptacle, Terminal	
11	4460470	1	Nut, Panel	
12	4460471	1	Lockwasher	
13	4360339	1	Switch, Push Button	
13	7012593	1	Boot, Green	
14	4360267	1	Switch, Contact - N.O.	
15	3520026	1	Plug	
16	3900177	6	Screw	
17	4740120	2	Washer, Nylon	
18		Ref	Switch, Push/Pull (Emergency Stop) Options:	
18	4360317	1	Switch (Prior to SN 29596)	
18	7012566	1	Lens	
18	7012517	1	Bulb	
18	4360289	1	Switch (SN 29596 to Present)	
18	7012611	1	Push-Pull Mushroom Head	
18	7012612	1	Boot	
19	4740066	2	Washer, Brass (June 1995 to Present)	
20	4360328	1	Switch, Toggle	
21	3790012	1	O-Ring	
22	1600180	1	Controller, PQ	
23	3900178	2	Screw #10-24NC x 3/4in	
24	4360274	1	Switch, Push Button (Prior to SN 47782)	
26	4460578	2	Connector (Red) (Prior to SN 50044)	
27	2920125	1	Light, Indicator (Red) (Prior to SN 50044)	
28	0100009	AR	Sealant, Silicone	
29	0140030	1	Alarm, Sonalert (Red) (Prior to SN 50044)	
30		Ref	Potentiometer, Speed Control Options:	
30	4360370	1	Potentiometer, Speed Control (Prior to SN 29596)	
30	4360445	1	Potentiometer, Speed Control (SN 29596 to Present)	
31	3300352	2	Nut, Special (Prior to SN 29596)	
32		Ref	Knob, Speed Control Options:	
32	2560121	1	Knob, Speed Control (Prior to SN 29596)	
32	2560136	1	Knob, Speed Control (SN 29596 to Present)	
34	1701827	1	Decal - Legend	
35	4740066	2	Washer, Thrust (Prior to SN 29596)	

SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
36	4360282	1	Switch	
37	4360112	1	Breaker, Circuit - 5 Amp	
38	0610112	1	Card, Circuit	
39	4770600	2	Lockwasher #6	
40	3310601	2	Nut #6-32	
	0255064	Ref	OPTIONAL TILT INDICATOR INSTALLATION	2
101	2920125	1	Light, Indicator (Red)	
102	4460578	2	Terminal	
103	0140030	1	Alarm, Sonalert	
104	0840026	2	Boot, Cable (SN 50044 to Present)	
		Ref	OVERLOAD PROTECTION INSTALLATION (FRENCH SPEC ONLY) (NOT SHOWN)	
	0255653	Ref	Overload Protection Installation (French Spec Only) (Prior to SN 29596)	C
	0255241	Ref	Overload Protection Installation (French Spec Only) (SN 29596 through 71506)	-
	1060341	25 ft/7.6m	Cable, Electrical 18/2	
	4921636	2 ft/.61m	Wire	
	4921501	2 ft/.61m	Wire	
	3990010	5	Diode 6Amp	
	2820026	AR	Tubing, Vinyl	
	4460115	4	Terminal	
	4460035	3	Terminal, Splice	

SECTION 4 - PLATFORM

FIGURE 4-4. PLATFORM CONSOLE BOX ASSEMBLY (SN 71506 to Present)



SECTION 4 - PLATFORM

FIGURE 4-4. PLATFORM CONSOLE BOX ASSEMBLY (SN 71506 to Present)

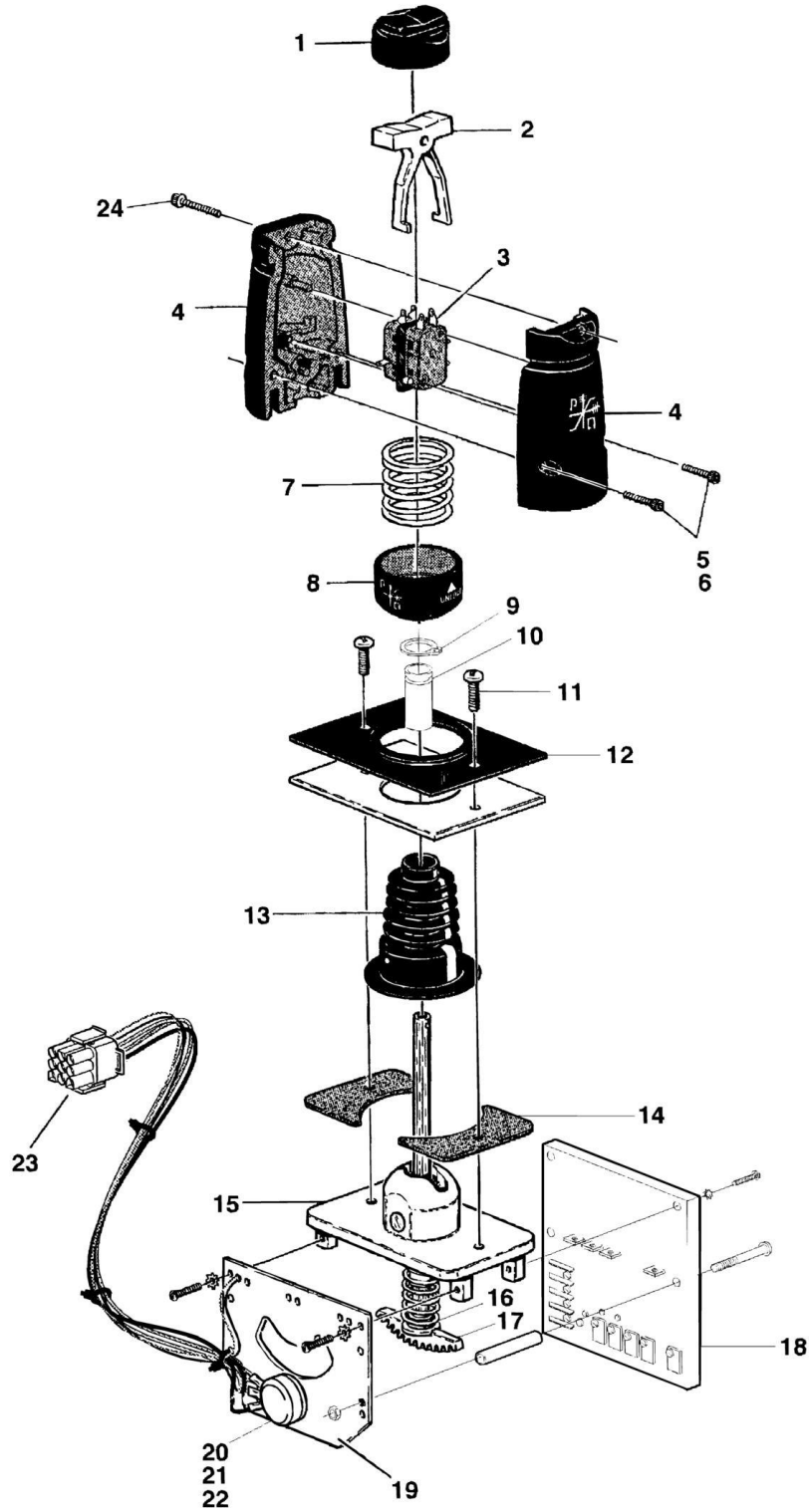
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0259863	Ref	CONSOLE BOX ASSEMBLY	C
1	0100009	AR	Sealant (Not Shown)	
2	0140030	1	Alarm, Sonalert	
3	0610136	1	Circuit Card, W/Hardware	
4	0641404	4	Bolt 1/4in-20NC x 1/2in	
5		Ref	Box, Console Options:	
5	0860784	1	Box, Console (Prior to SN 83228)	
5	0861376	1	Box, Console (SN 83228 to Present)	
6	1060380	1	Lanyard - 10in/25.4cm	
7	1600301	1	Controller, PQ	
8	1701827	1	Decal - Symbol Legend	
9	1704260	1	Decal - EMS	
10	2560136	1	Knob, Speed Control	
11	2920125	1	Light, Indicator - Red	
12	3252662	1	Nameplate	
13	3310601	2	Nut #6-32NC	
14	3421453	1	Pin, Snapper	
16	3760170	1	Ring	
17	3900178	4	Screw #10-24NC x 3/4in	
18	3900265	6	Screw #8-18NC x 3/4in	
19	4060802	1	Guard, Switch	
20	4360112	1	Breaker, Circuit - 5 Amp	
21	4360267	1	Switch, Contact - N.O.	
22	4360282	1	EMS, Contact Block	
23	4360328	1	Switch, Toggle	
24	4360339	1	Switch, Push Button	
24	7012593	1	Boot, Green	
25	4360387	1	Switch, Push Button	
26	4360445	1	Potentiometer, Speed Control	
27	4360475	1	Switch, Push/Pull (Emergency Stop)	
27	7020175	1	Push-Pull Mushroom Head W/Seal	
27	7020176	1	Contact Block W/Mount	
28		Ref	Plug, Male Options:	
28	4460463	1	23 Pin Plug (Prior to SN 77820)	
28	4460503	1	31 Pin Plug (SN 77820 to Present)	
29	4460470	1	Nut, Panel	
30	4460471	1	Lockwasher	
31	4740066	2	Washer, Brass	
32	4740120	4	Washer, Nylon	
33	4760600	2	Lockers #6	
34	4761400	4	Lockwasher 1/4in	
35	4845755	1	Bracket, Hanger	
36	3790012	1	O-Ring	
	0258663	Ref	OPTIONAL HORN BUTTON INSTALLATION	1
101	4360274	1	Switch, Push Button	
		Ref	OVERLOAD PROTECTION INSTALLATION (FRENCH SPEC ONLY) (NOT SHOWN)	
	0255241	Ref	Overload Protection Installation (French Spec Only) (SN 71506 through 75624)	-

SECTION 4 - PLATFORM

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0270412	Ref	Overload Protection Installation (French Spec Only) (SN 75625 to Present)	2
	1060341	25 ft/7.6m	Cable, Electrical 18/2	
	4921636	2 ft/.61m	Wire	
	4921501	2 ft/.61m	Wire	
	3990010	5	Diode 6Amp	
	2820026	AR	Tubing, Vinyl	
	4460115	4	Terminal	
	4460035	3	Terminal, Splice	
	3740087	1	Relay	
	4120027	1	Socket, Relay	
	3740063	1	Spring, Relay	

SECTION 4 - PLATFORM

FIGURE 4-5. CONTROLLER ASSEMBLY - PQ (Prior to SN 71506)



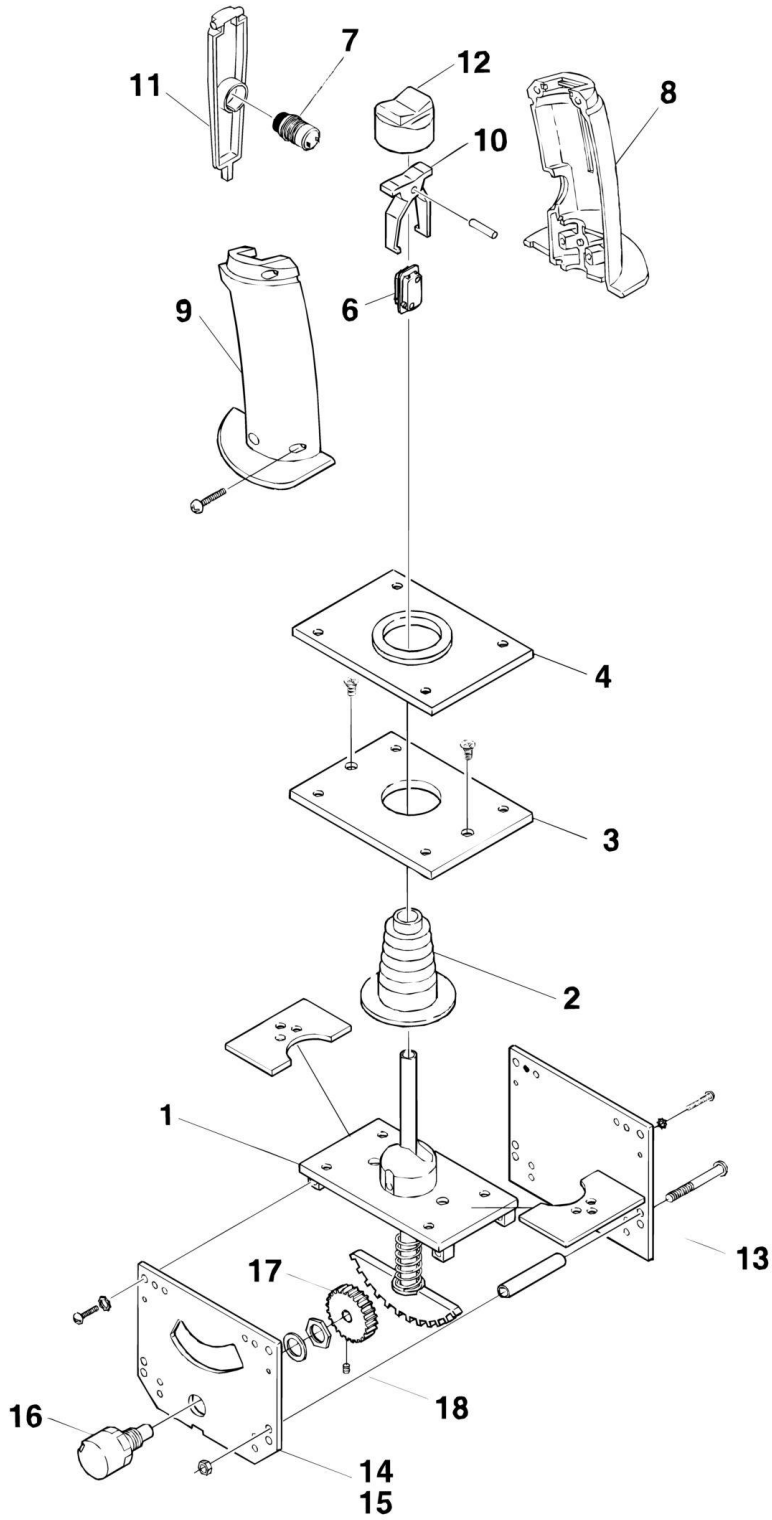
SECTION 4 - PLATFORM

FIGURE 4-5. CONTROLLER ASSEMBLY - PQ (Prior to SN 71506)

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

SECTION 4 - PLATFORM

FIGURE 4-6. CONTROLLER ASSEMBLY - PQ (SN 71506 to Present)



SECTION 4 - PLATFORM

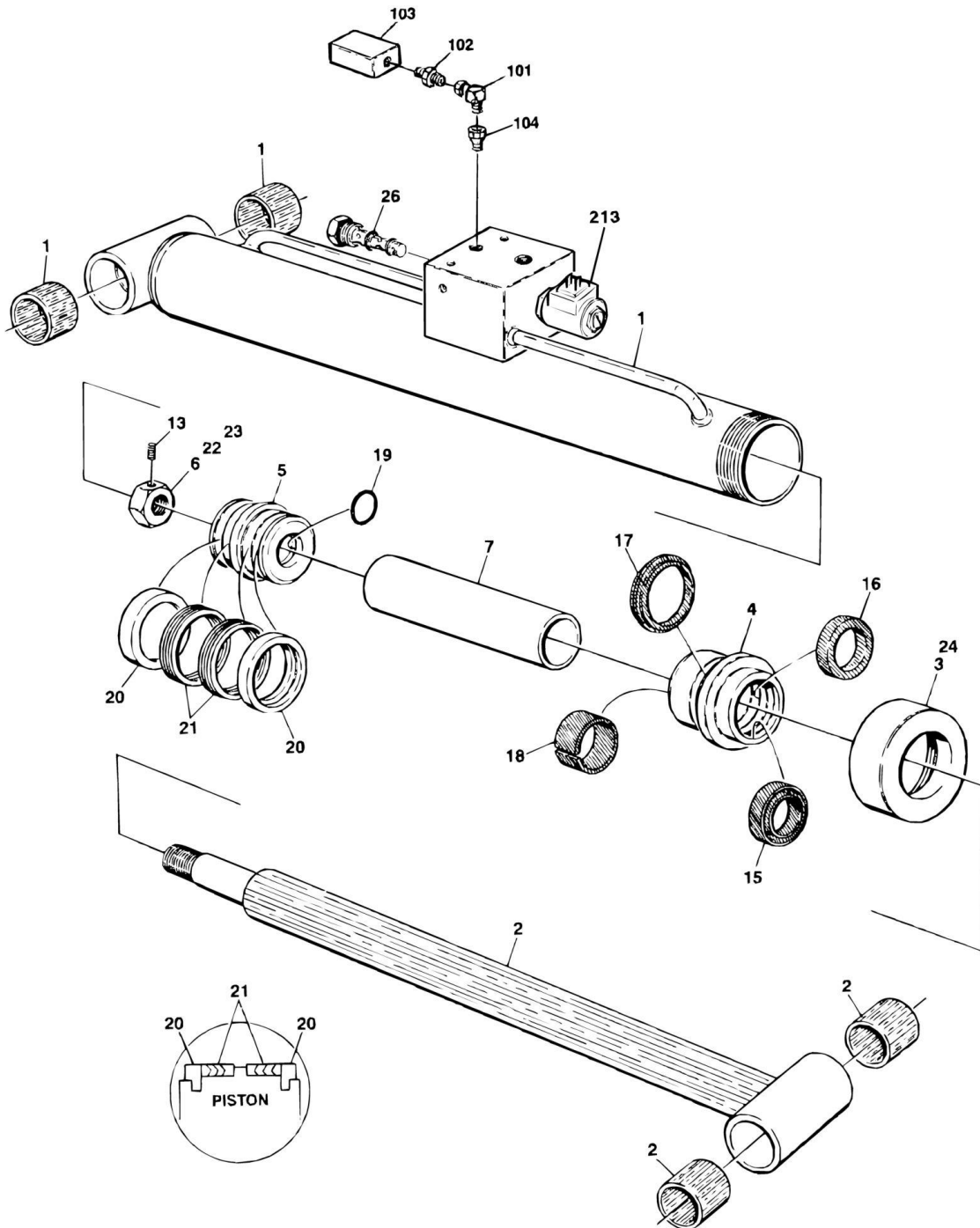
FIGURE 4-6. CONTROLLER ASSEMBLY - PQ (SN 71506 to Present)

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

SECTION 5 - CYLINDER

SECTION 5 - CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY



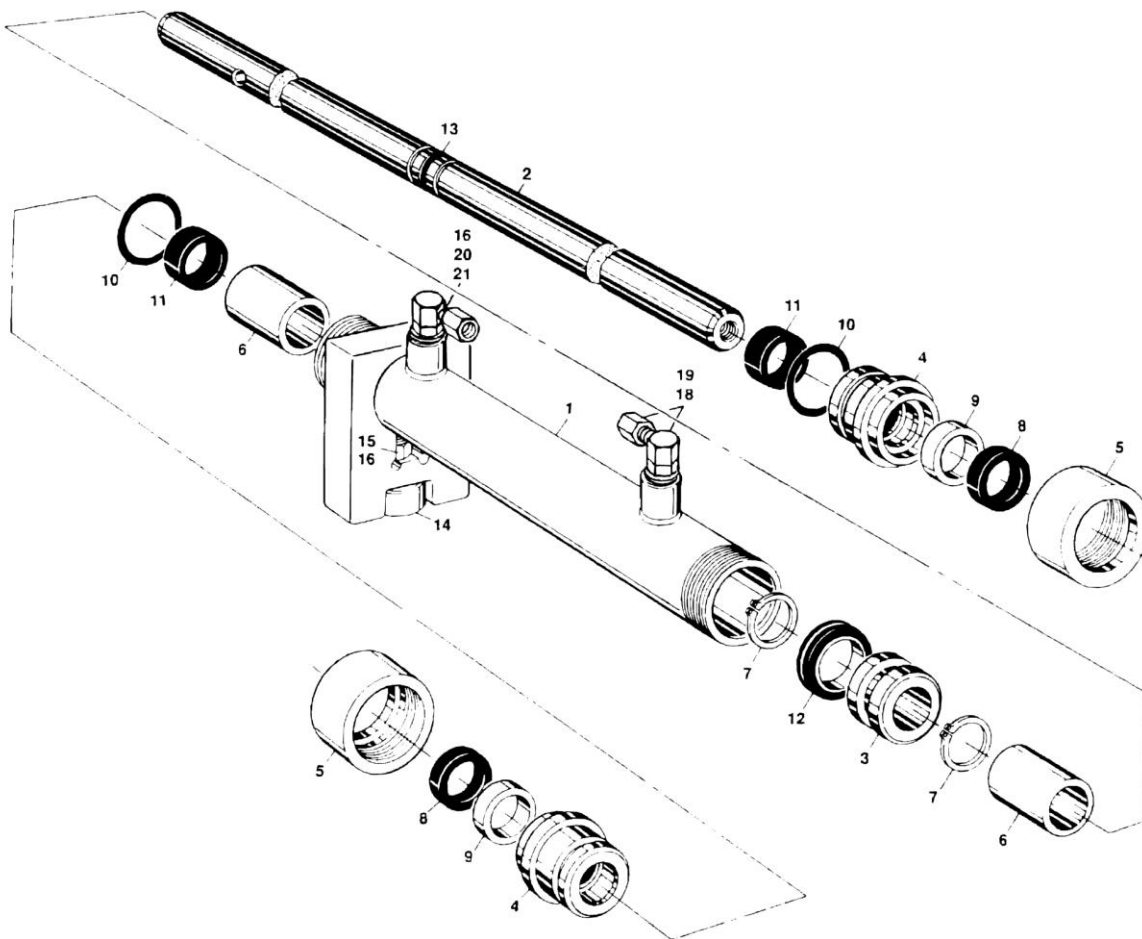
SECTION 5 - CYLINDER

FIGURE 5-1. LIFT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1682935	Ref	LIFT CYLINDER ASSEMBLY	3
1	1682936	1	Barrel Assembly	
1	0961826	2	Bushing	
2	1682938	1	Rod Assembly	
2	0961826	2	Bushing	
3	1120336	1	Retainer	
4	1681843	1	Head	
5	3480102	1	Piston	
6	3300281	1	Nut	
7	4566171	1	Spacer	
13	3900170	1	Set Screw	
15	Kit	1	Wiper, Rod	
16	Kit	1	Seal, Rod	
17	Kit	1	T-Seal	
18	Kit	1	Ring, Wear	
19	Kit	1	O-Ring	
20	Kit	2	Ring, Lock	
21	Kit	2	Seal, Piston	
22	0100011	AR	Loctite #242	
23	0100038	AR	Primer, Locking	
24	0100035	AR	Loctite #222	
26	4640903	1	Valve, Thermal Relief	
	2901102	1	Seal Kit - 1682935 Cylinder (Includes Items 15-21)	
		Ref	OVERLOAD PROTECTION INSTALLATION (FRENCH SPEC ONLY)	
	0255653	Ref	Overload Protection Installation (French Spec Only) (Prior to SN 29596)	C
	0255241	Ref	Overload Protection Installation (French Spec Only) (SN 29596 through 75624)	-
	0270412	Ref	Overload Protection Installation (French Spec Only) (SN 75625 to Present)	2
101	2220879	1	Fitting, 90	
102	2220440	1	Fitting, Straight	
103	1692617	1	Switch, Pressure	
103	4460428	1	Connector, Strain Relief	
103	1060341	25 ft/7.6m	Cable, Electrical 18/2	
104	2220273	1	Reducer	
		Ref	SCISSORS ARMS INSTALLATION COMPONENTS	
213	4640381	1	Cartridge, Holding Valve	
213	7000644	1	Coil (Hydraforce Version)	
213	7004334	1	Coil (Modular Controls Version)	
213	2900756	1	Seal Kit (Hydraforce Version)	
213	2900503	1	Seal Kit (Modular Controls Version)	

SECTION 5 - CYLINDER

FIGURE 5-2. STEER CYLINDER ASSEMBLY



SECTION 5 - CYLINDER

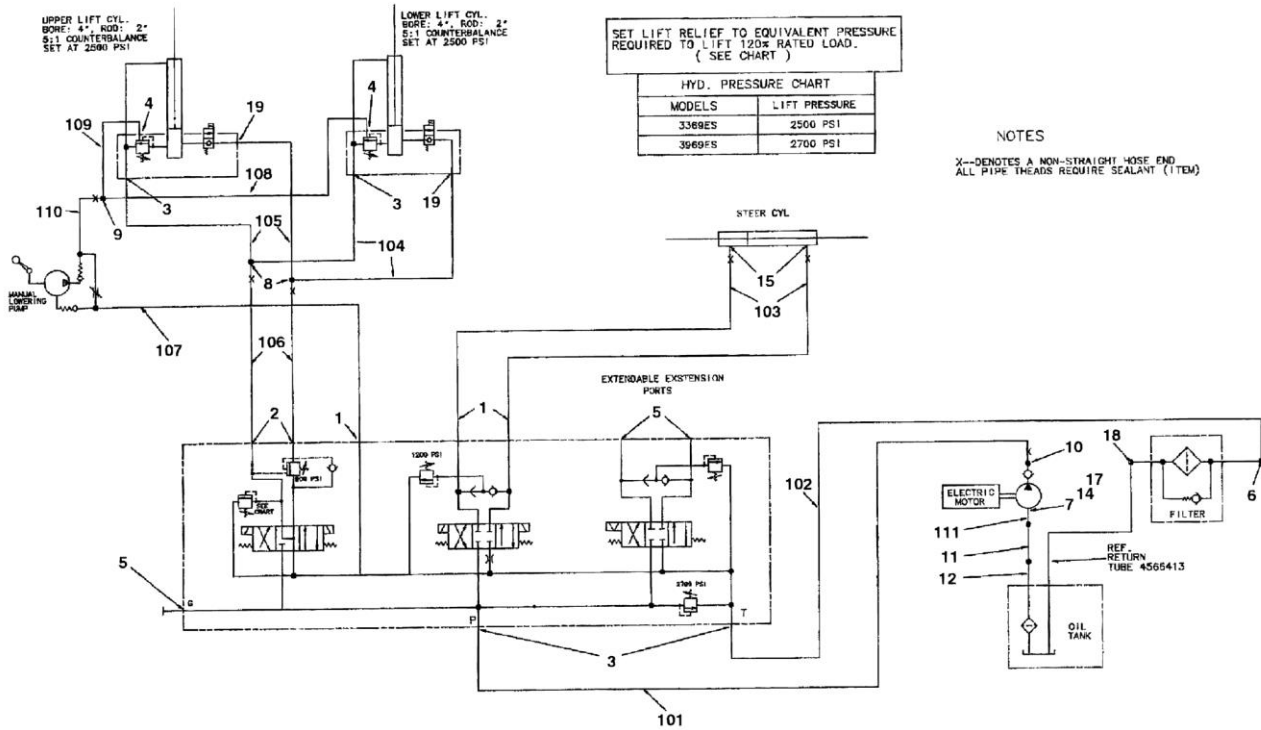
FIGURE 5-2. STEER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	STEER CYLINDER ASSEMBLIES	
	1682527	Ref	Steer Cylinder Assemblies (Prior to SN 47596)	C
	1683695	Ref	Steer Cylinder Assemblies (SN 47596 to Present)	2
		Ref	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.	
1		Ref	Barrel Weldment Options:	
1	1682528	1	Barrel Weldment (Prior to SN 47596)	
1	1683694	1	Barrel Weldment (SN 47596 to Present)	
2	1682530	1	Rod	
3	3480153	1	Piston	
4	1682364	2	Head	
5	1120387	2	Retainer	
6	4565275	2	Spacer	
7	3760141	2	Ring, Retaining	
8	Kit	2	Seal, Wiper	
9	Kit	2	Seal, Rod	
10	Kit	2	O-Ring	
11	Kit	2	Ring, Wear	
12	Kit	1	T-Seal	
13	Kit	1	O-Ring	
14		Ref	Follower, Cam Options:	
14	3860054	1	Follower, Cam (Prior to SN 47596)	
14	3860080	1	Follower, Cam (SN 47596 to Present)	
15		Ref	Nut 1/2in-20NF Options:	
15	3321801	1	Nut 1/2in-20NF (Prior to SN 47596)	
15	3321802	1	Nut 1/2in-20NF (SN 47596 to Present)	
16	0100035	AR	Loctite #222	
18	2220472	1	Fitting 90	
19	2220515	2	Fitting, Cap	
20	2180699	1	Fitting, Modified	
21	2180394	1	Orifice	
	2901178	1	Seal Kit (Includes Items 8-13)	

SECTION 6 - HYDRAULIC

SECTION 6 - HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM



SECTION 6 - HYDRAULIC

FIGURE 6-1. HYDRAULIC DIAGRAM

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

SECTION 7 - ELECTRICAL

SECTION 7 - ELECTRICAL

FIGURE 7-1. ELECTRICAL DIAGRAM LIST

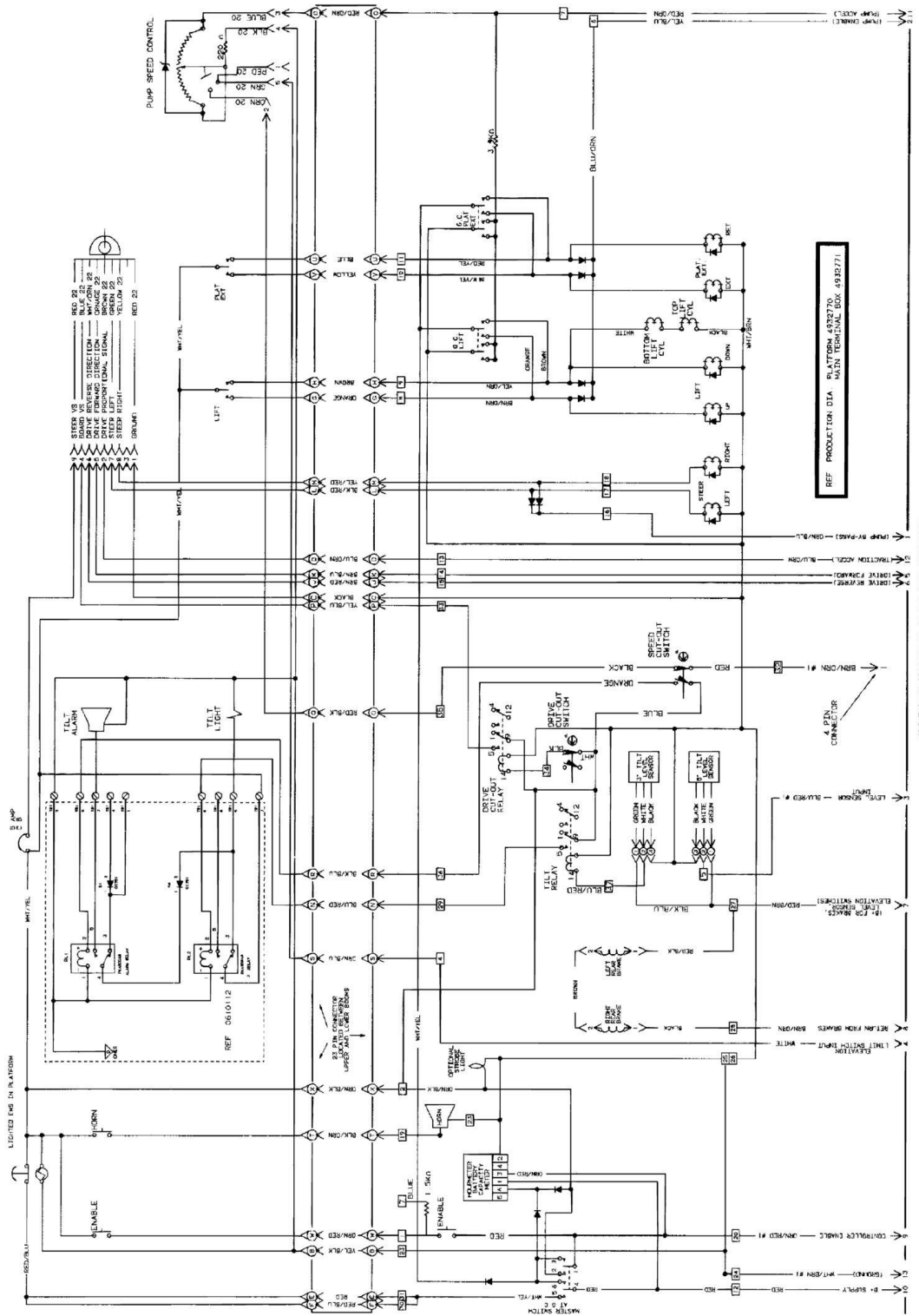
ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: All other electrical drawings are available from the JLG Service Department upon request.	
	1282327	Ref	ALARM ELECTRICAL DIAGRAMS (REF DRG ONLY)	B
	0255046	Ref	Descent Alarm Electrical Diagram (B/M Only)	-
	0255044	Ref	Motion Alarm Electrical Diagram (B/M Only)	A
	0255045	Ref	Travel Alarm Electrical Diagram (B/M Only)	B
	0140031	1	Alarm	
	3990010	1	Diode - 6 Amp	
	1060341	7 ft/2m	Cable, Electrical - 16/2	
	3740087	1	Relay	
	3740063	1	Clip, Spring	
	4120027	1	Socket, Relay	
	0254827	Ref	BEACON LIGHT ELECTRICAL DIAGRAM (FRAME MOUNTED)	A
	2920119	1	Light, Beacon (Prior to SN 23604)	
	2920146	1	Light, Beacon (SN 23604 to Present)	
	1060341	121 in/3m	Cable, Electrical - 16/2	
		Ref	BEACON LIGHT ELECTRICAL DIAGRAM (UNDER PLATFORM MOUNTED) (REF. DRG. ONLY)	
	0255032	Ref	Electrical Diagram - Model 3369 (B/M Only)	A
	0255034	Ref	Electrical Diagram - Model 3969 (B/M Only)	A
	2920119	1	Light, Beacon (Prior to SN 23604)	
	2920146	1	Light, Beacon (SN 23604 to Present)	
	1060341	Ref	Cable, Electrical - 16/2 Options:	
	1060341	73 ft/22.3m	Cable, Electrical - 16/2 Model 3369	
	1060341	80 ft/24.3m	Cable, Electrical - 16/2 Model 3969	
		Ref	GROUND TO PLATFORM ELECTRICAL HARNESS	
		Ref	Ground To Platform Electrical Harness Model 3369 Options:	
	4921652	1	Ground To Platform Electrical Harness (Prior to SN 58031)	
	4922246	1	Ground To Platform Electrical Harness (SN 58031 through 77819)	
	4922435	1	Ground To Platform Electrical Harness (SN 77820 to Present)	
		Ref	Ground To Platform Electrical Harness Model 3969 Options:	
	4921653	1	Ground To Platform Electrical Harness (Prior to SN 58031)	
	4922247	1	Ground To Platform Electrical Harness (SN 58031 through 77819)	
	4922434	1	Ground To Platform Electrical Harness (SN 77820 to Present)	
	0255047	Ref	HORN ELECTRICAL DIAGRAM	3
	0140028	1	Horn	
	1060341	8 ft/2.4m	Cable, Electrical - 16/2	
	0840026	2	Boot, Terminal	
	3990010	1	Diode - 6 Amp (SN 29014 to Present)	
	0255653	Ref	OVERLOAD PROTECTION INSTALLATION - FRENCH MACHINES (LOCATED ON LIFT CYLINDER) (Prior to SN 29596)	A
	1692617	1	Switch, Pressure	
	1060341	AR	Cable, Electrical - 16/2	
	3990010	AR	Diode - 6 Amp	
	0610112	Ref	PLATFORM BOX CIRCUIT BOARD DIAGRAM	-
		Ref	PLATFORM ELECTRICAL DIAGRAMS	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4932770	Ref	PLATFORM ELECTRICAL (Prior to SN 71506)	5
	4360370	1	Switch, Potentiometer (Prior to SN 30476)	
	3730001	1	Resistor 220 Ohm	
	3990051	1	Diode	
	4933121	Ref	PLATFORM ELECTRICAL (SN 71506 to Present)	1-C
	3730001	1	Resistor 220 Ohm	
	0255254	Ref	PLATFORM LIMIT SWITCH ELECTRICAL DIAGRAM (FRENCH AND ITALIAN SPEC)	B
	4360277	1	Switch, Limit	
	1060341	90 ft/27.4m	Cable, Electrical - 16/2	
		Ref	PLATFORM WORKLIGHT ELECTRICAL DIAGRAM (B/M ONLY) OPTIONS:	
	0254828	Ref	Platform Worklight Electrical Diagram Model 3369	B
	0254829	Ref	Platform Worklight Electrical Diagram Model 3969	2
	2920095	2	Worklight	
	1060341	Ref	Cable, Electrical - 16/2 Options:	
	1060341	111 ft/34m	Cable, Electrical Model 3369	
	1060341	118 ft/36m	Cable, Electrical Model 3969	
	4932771	Ref	STANDARD ELECTRICAL DIAGRAM (EURO SPEC) (Prior to SN 42539)	5
	4933020	Ref	STANDARD ELECTRICAL DIAGRAM (EURO SPEC) (SN 42539 through 72549)	3
	4933130	Ref	STANDARD ELECTRICAL DIAGRAM (EURO SPEC) (SN 72550 to Present)	2
	4932823	Ref	STANDARD ELECTRICAL DIAGRAM (AUSTRALIAN SPEC) (Prior to SN 72550)	4
	4933131	Ref	STANDARD ELECTRICAL DIAGRAM (AUSTRALIAN SPEC) (SN 72550 to Present)	2
	3990010	7	Diode - 6 Amp	
	3990001	AR	Diode - 3.5 Amp	
	1060341	AR	Cable, Electrical - 16/2	
	1060079	AR	Cable, Electrical - 16/4	
	3730107	1	Resistor - 1.5K ohms - 3 Watts (Prior to SN 72550)	
	3730108	1	Resistor - 3.9K ohms - 1/4 Watts	
	4921701	1	Harness - Battery Charger (Euro Spec)	
	4921779	1	Harness - Battery Charger (Australian Spec)	
	1870035	Ref	STANDARD ELECTRICAL SCHEMATIC	A

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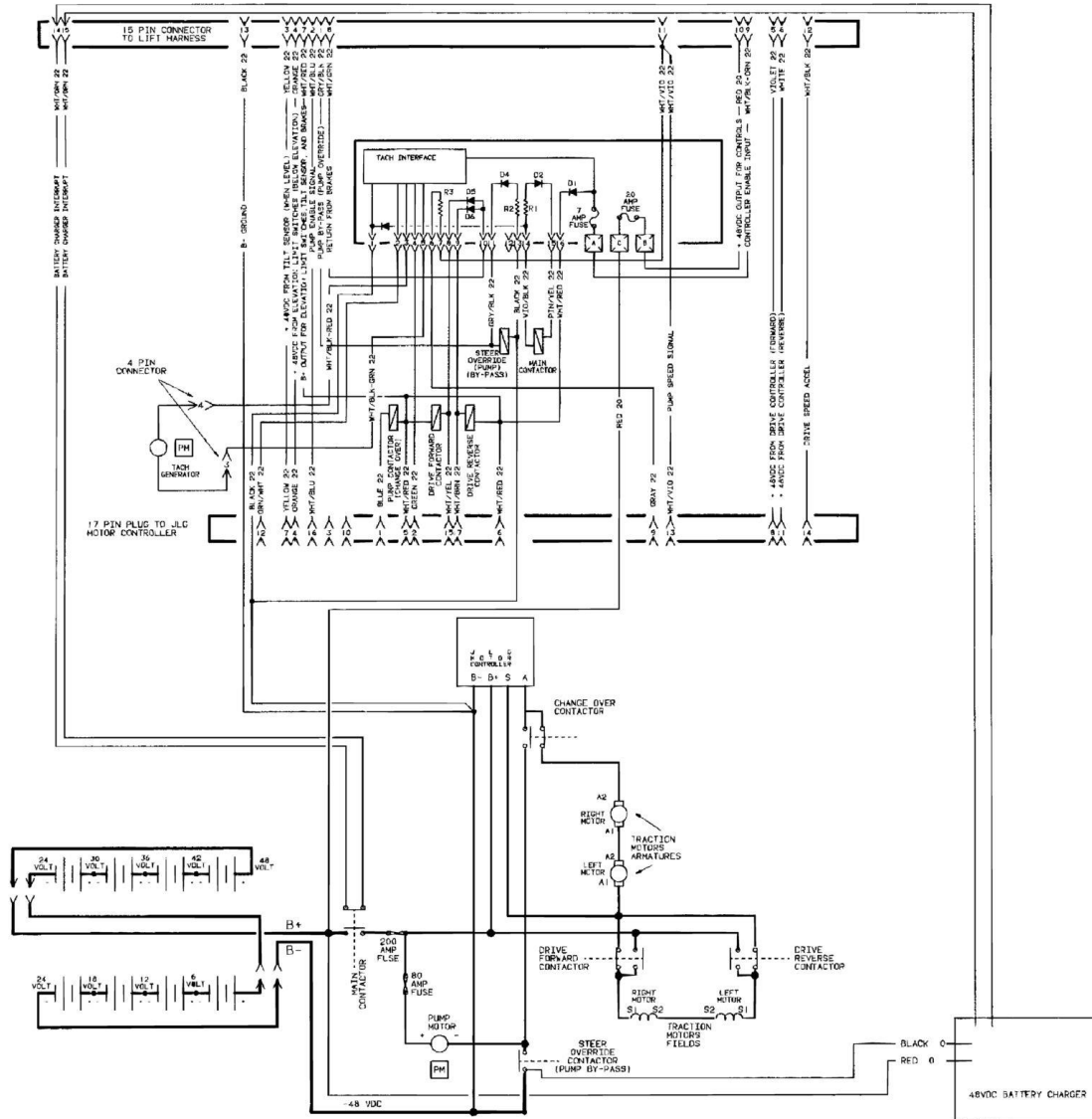
FIGURE 7-2. STANDARD ELECTRICAL SCHEMATIC (Prior to SN 72550)



REF PRODUCTION DIA. 15. NETWORK MAIN TERMINAL BOX 4933771

DRIVE/PUMP CONTROLLER IS PIN PLUG CONNECTOR
SEE SHEET 2 OF 2 FOR DRIVE/PUMP CONTROLLER SCHEMATIC

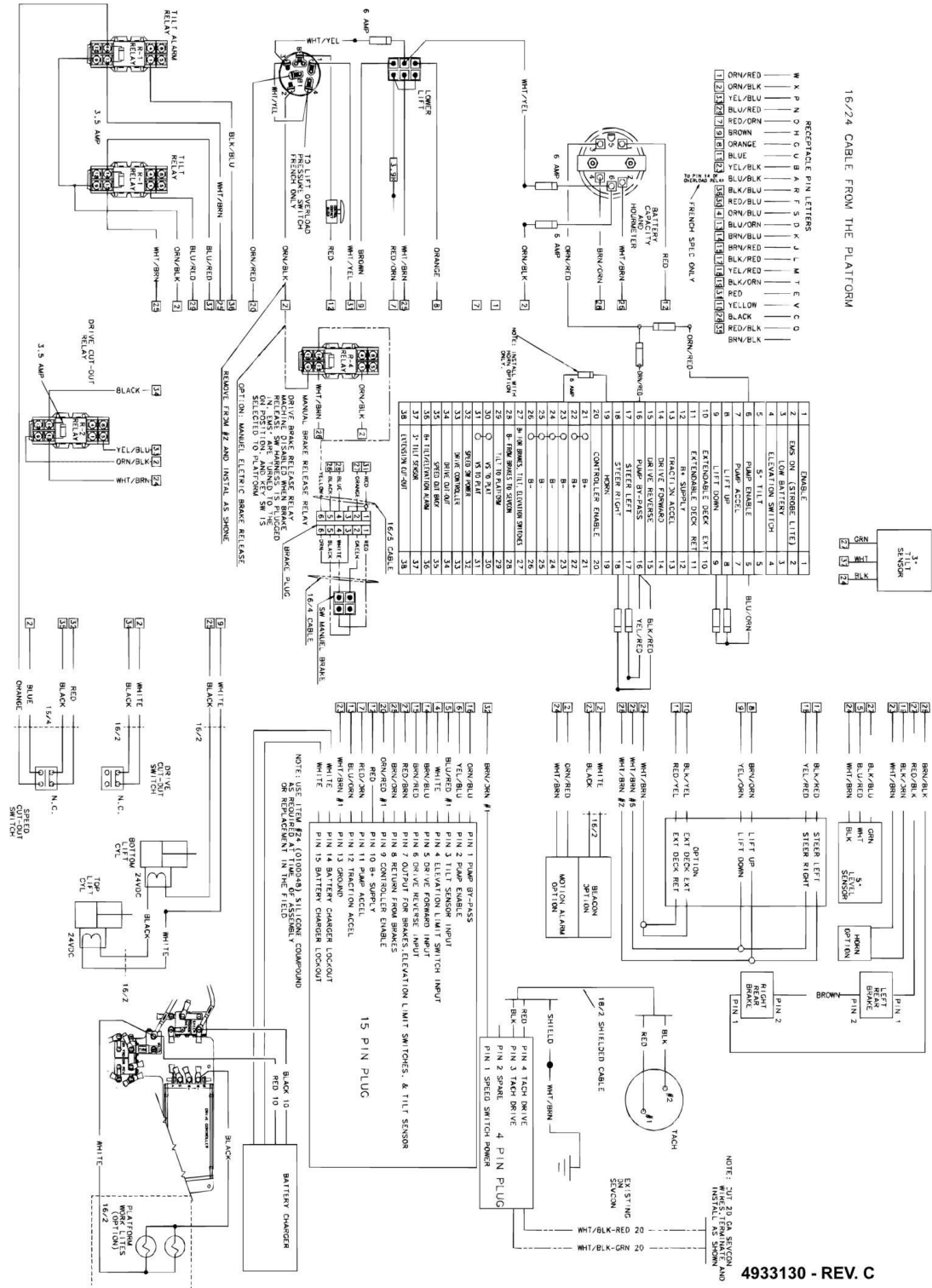
SECTION 7 - ELECTRICAL



1870035 - REV. A

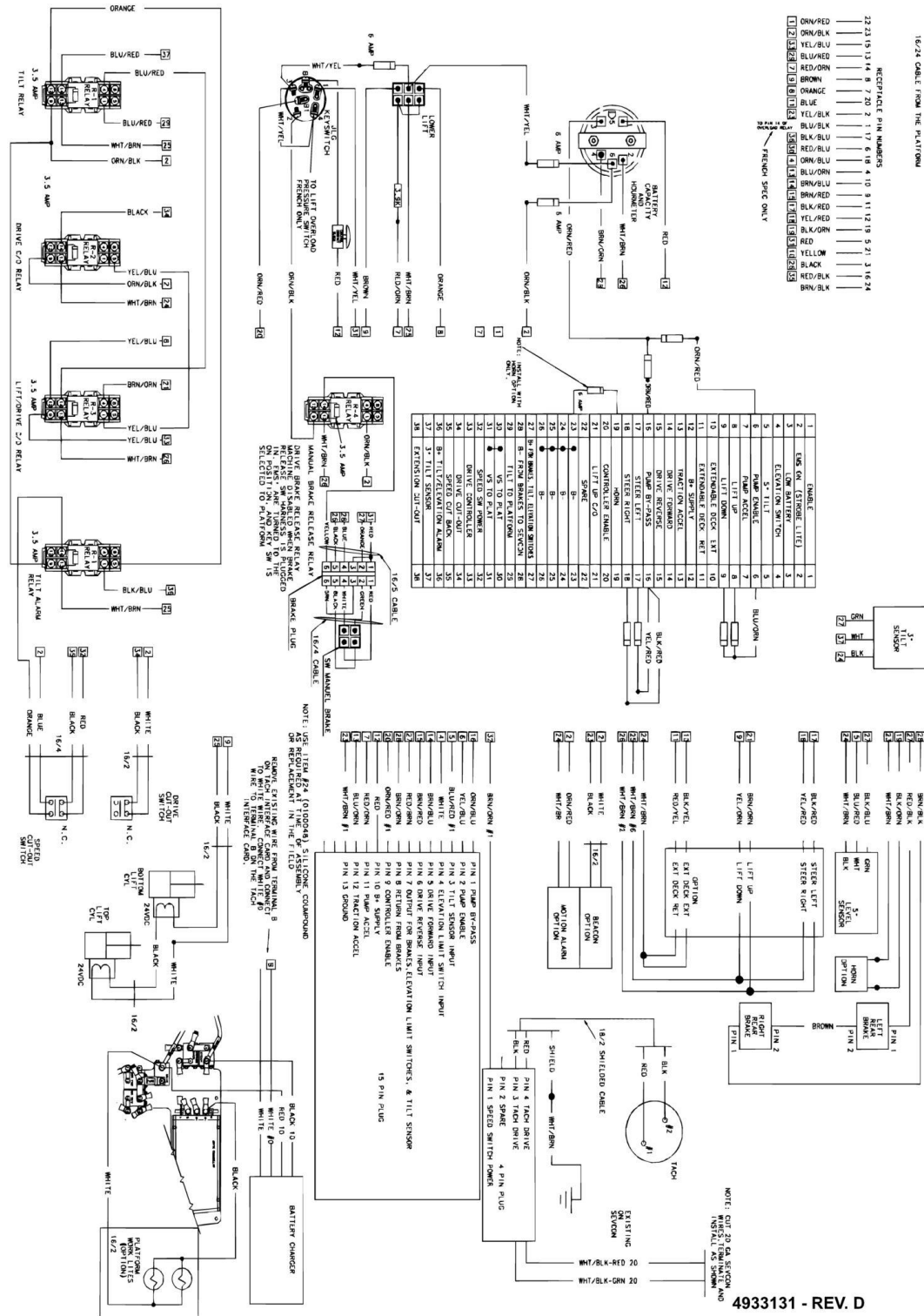
SECTION 7 - ELECTRICAL

FIGURE 7-3. STANDARD ELECTRICAL DIAGRAM - EURO SPEC (SN 72550 to Present)



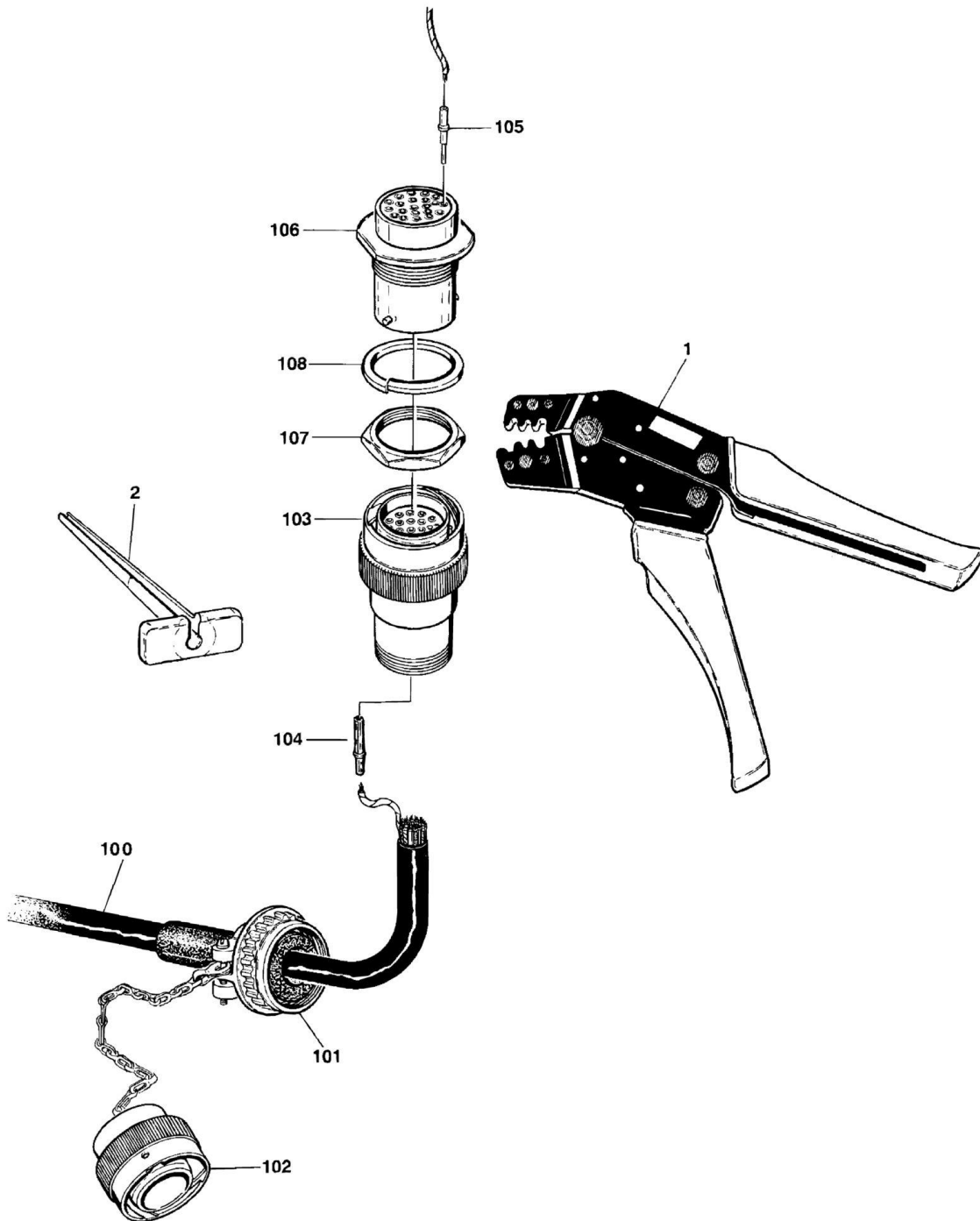
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FIGURE 7-4. STANDARD ELECTRICAL DIAGRAM - AUSTRALIAN SPEC (SN 72550 to Present)



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FIGURE 7-5. MAIN ELECTRICAL CONNECTOR AND TOOLS



SECTION 7 - ELECTRICAL

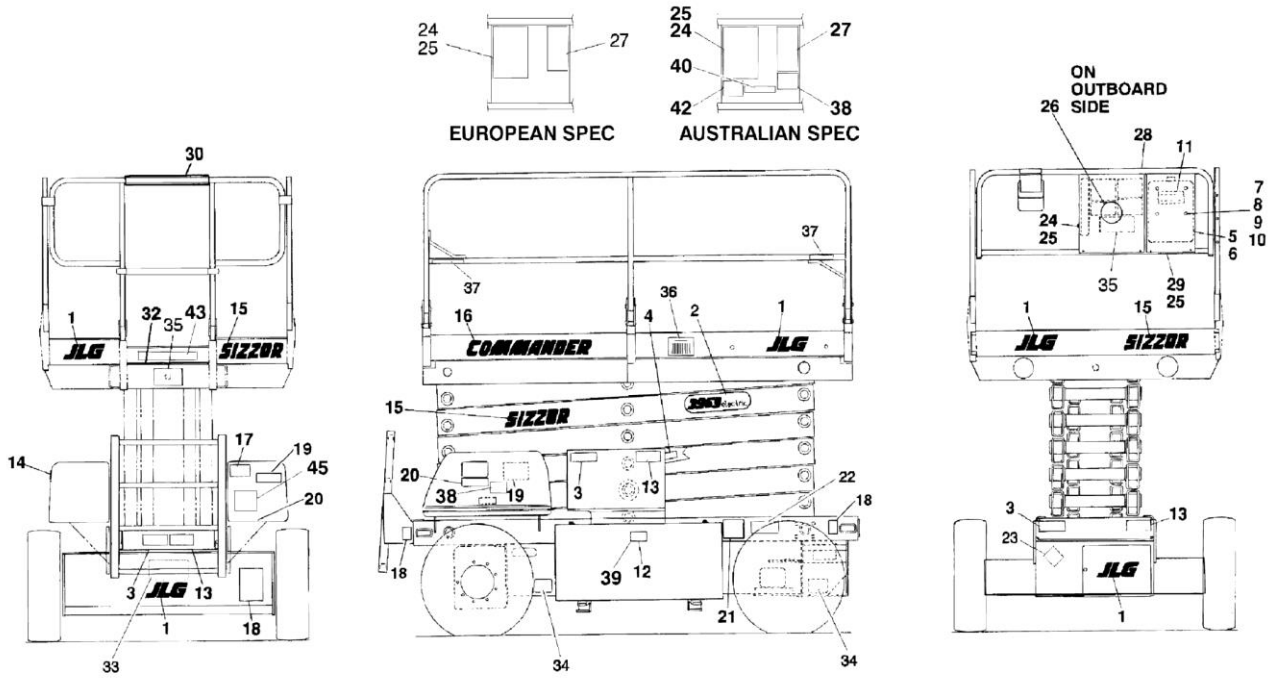
FIGURE 7-5. MAIN ELECTRICAL CONNECTOR AND TOOLS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Tools:	
1	7002818	1	Crimper (For Wire to Pin/Socket Connections)	
2	4460467	1	Extractor (For Removal of Pin/Socket Connectors)	
		Ref	GROUND TO PLATFORM ELECTRICAL HARNESS	
		Ref	Ground To Platform Electrical Harness Model 3369 Options:	
	4921652	1	Ground To Platform Electrical Harness (Prior to SN 58031)	
	4922246	1	Ground To Platform Electrical Harness (SN 58031 through 77819)	
	4922435	1	Ground To Platform Electrical Harness (SN 77820 to Present)	
		Ref	Ground To Platform Electrical Harness Model 3969 Options:	
	4921653	1	Ground To Platform Electrical Harness (Prior to SN 58031)	
	4922247	1	Ground To Platform Electrical Harness (SN 58031 through 77819)	
	4922434	1	Ground To Platform Electrical Harness (SN 77820 to Present)	
100	1060826	Ref	Cable, Electrical - 16/24	
100	1060826	78 ft/23.8m	Cable, Electrical - 16/24 Model 3369	
100	1060826	88 ft/26.8m	Cable, Electrical - 16/24 Model 3969	
101	4460473	1	Clamp, Cable	
102	4460468	1	Cap, Dust	
103		Ref	Connector, Female Options:	
103	4460462	1	23 Pin Connector (Prior to SN 77820)	
103	4460502	1	31 Pin Connector (SN 77820 to Present)	
104	4460465	AR	Socket, Female	
		Ref	PLATFORM CONSOLE COMPONENTS	
	0254545	Ref	Platform Console Components (Prior to SN 29596)	
	0257161	Ref	Platform Console Components (SN 29596 through 71505)	
	0259863	Ref	Platform Console Components (SN 71506 to Present)	
105	4460464	AR	Pin, Male	
106		Ref	Plug, Male Options:	
106	4460463	1	23 Pin Plug (Prior to SN 77820)	
106	4460503	1	31 Pin Plug (SN 77820 to Present)	
107	4460470	1	Nut, Receptacle	
108	4460471	1	Lockwasher, Receptacle	

SECTION 8 - DECALS

SECTION 8 - DECALS

FIGURE 8-1. DECALS INSTALLATION



SECTION 8 - DECALS

FIGURE 8-1. DECALS INSTALLATION

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Decal Installations Options:	
	0255088	Ref	Decal Installation - Model 3369 (Euro Common) (Prior to SN 69694)	9
	0259871	Ref	Decal Installation - Model 3369 (Euro Common) (SN 69694 to Present)	5
	0255089	Ref	Decal Installation - Model 3969 (Euro Common)	14
	0257579	Ref	Decal Installation - Model 3369 (Australian Common)	9
	0257580	Ref	Decal Installation - Model 3969 (Australian Common)	9
	0255198	Ref	Decal Installation - Model 3369/3969 (Dutch)	6
	0255090	Ref	Decal Installation - Model 3369/3969 (English)	9
	0255091	Ref	Decal Installation - Model 3369/3969 (French)	6
	0255092	Ref	Decal Installation - Model 3369/3969 (German)	6
	0255093	Ref	Decal Installation - Model 3369/3969 (Italian)	7
	0255199	Ref	Decal Installation - Model 3369/3969 (Spanish)	6
1		Ref	Decal - JLG Options:	
1	1702009	6	Decal - JLG (Prior to SN 81602)	
1	1701871	6	Decal - JLG (SN 81602 to Present)	
2		Ref	Decal - Model Options:	
2	1702255	2	Decal - Model 3369	
2	1702256	2	Decal - Model 3969	
3	Not Required	0	Not Required	
4		Ref	Decal - Options:	
4	1701893	2	Decal - Safety Prop (Euro/Australian/English) (Prior to SN 78292)	
4	1701839	2	Decal - Safety Prop (Euro/Australian/English) (SN 78292 to Present)	
4	1701615	2	Decal - Veiligheidsbalk (Dutch)	
4	1701512	2	Decal - Support de Securite (French)	
4	1701519	2	Decal - Sicherheitsstütze (German)	
4	1701524	2	Decal - Aipoggio Di Sicurezza (Italian)	
4	1701856	2	Decal - Punmtal de Seguridad (Spanish)	
5	0860520	1	Box, Manual Storage	
6	1060279	1	Cable, Lanyard	
7	0641405	4	Bolt 1/4in-20NC x 5/8in	
8	4751400	4	Flatwasher 1/4in	
9	4761400	4	Lockwasher 1/4in	
10	3311401	4	Nut 1/4in-20NC	
11		Ref	Decal - Manual Options:	
11	1701509	1	Decal - Manual All Specs Except (Euro Spec Model 3369) (SN 69694 to Present)	
11	1703788	1	Decal - Manual Model 3369 (Euro Spec) (SN 69694 to Present)	
12	Not Required	0	Not Required	
13	Not Required	0	Not Required	
14		Ref	Decal - Hydraulic Oil Options:	
14	1701504	1	All Specs Except (Euro Spec Model 3369) (SN 69694 to Present)	
14	1703812	1	Decal - Hydraulic Oil Model 3369 (Euro Spec) (SN 69694 to Present)	
15	1702029	4	Decal - Sizzor (Prior to SN 81602)	
16	1702011	2	Decal - Commander (Prior to SN 50299)	

SECTION 8 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
17	1702431	1	Decal - Manual Lowering Valve	
18	1703814	4	Decal - Tie Down (Model 3369 Euro Spec Only) (SN 69694 to Present)	
19	1702430	1	Decal - Manual Descent Instructions (All Specs Except Euro Spec Model 3369) (SN 69694 to Present)	
20	1703703	1	Decal - Manual Descent Instructions (Model 3369 Euro Spec Only) (SN 69694 to Present)	
21	Not Required	0	Not Required	
22	Not Available	1	Nameplate - Serial Number	
23	Not Required	0	Not Required	
24		Ref	Nameplate - Billboard Options:	
24	3252436	1	Nameplate - Billboard - Model 3369 (Prior to SN 40961)	
24	3252543	1	Nameplate - Billboard - Model 3369 (SN 40961 through 69693)	
24	1704438	1	Nameplate - Billboard - Model 3369 (SN 69694 to Present)	
24	3252437	1	Nameplate - Billboard - Model 3969 (Prior to SN 40961)	
24	3252544	1	Nameplate - Billboard - Model 3969 (SN 40961 to Present)	
24	1704617	1	Nameplate - Billboard - Model 3969 (Euro Spec Only) (SN 75352 to Present)	
25	3820001	12	Rivet	
26	3251813	1	Decal - USA	
27		Ref	Nameplate Options:	
27	1701631	1	Nameplate - Caution (Euro/Australian/English) (Prior to SN 75352)	
27	1703877	1	Nameplate - Caution (Euro/Australian/English) (SN 75352 to Present)	
27	1701648	1	Nameplate - Dagelijkse Controle Lijst (Dutch)	
27	1701629	1	Nameplate - Attention (French)	
27	1701630	1	Nameplate - Achtung (German)	
27	1701632	1	Nameplate - Attenzione (Italian)	
27	1701861	1	Nameplate - Precaucion (Spanish)	
28	Not Required	0	Not Required	
29		Ref	Plate, Box Mounting Options:	
29	3538162	1	Plate, Box Mounting (Except Model 3969 Australian Spec) (Prior to SN 69694)	
29	3571691	1	Plate, Box Mounting (SN 69694 to Present)	
30	3340798	1	Pad	
31	Not Required	0	Not Required	
32		Ref	Tape, Safety Tread Options:	
32	4420039	2 ft/0.6m	Tape, Safety Tread (Prior to SN 69694)	
32	4420067	2 ft/0.6m	Tape, Safety Tread (SN 69694 to Present)	
33		Ref	Decal - DC Motor Options:	
33	Not Required	0	Euro/Australian/English	
33	1701764	1	Dutch	
33	1701761	1	French	
33	1701762	1	German	
33	1701763	1	Italian	
33	1701765	1	Spanish	
34		Ref	Decal - Max Tire Load Options (SN 29596 to Present)	
34	1703489	4	Decal - Max Tire Load Model 3369	
34	1703490	4	Decal - Max Tire Load Model 3969	
35	3252560	2	Nameplate - Capacity (SN 37139 through 40961)	
36	Not Available	1	Decal - Bar Code (SN 45740 to Present)	

SECTION 8 - DECALS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
37	1702612	2	Decal - Lanyard Attach (Australian Spec Only) (SN 53019 to Present)	
38	1703665	2	Decal - Danger Electrical (Australian Spec Only) (SN 53019 to Present)	
39	1703155	2	Decal - Battery Water Level (Australian Spec Only) (SN 53019 to Present)	
40	1703663	1	Decal - Maintenance (Australian Spec Only) (SN 53019 to Present)	
41	Not Required	0	Not Required	
42	1703674	1	Decal - Battery Charger (Australian Spec Only) (SN 53019 to Present)	
43	1703662	2	Decal - Caution (Australian Spec Only) (SN 53019 to Present)	
44	1703158	2	Decal - Crushing (Australian Spec Only) (SN 53019 to Present)	
45		Ref	Decal - Warning, Electric Brake Release (SN 53019 to Present)	
45	1703693	1	Euro/Australian/English	
45	1703977	1	Dutch	
45	1703975	1	French	
45	1703976	1	German	
45	1703978	1	Italian	
45	1703979	1	Spanish	
	2910052	Ref	Decal Kit Installation - Model 3369 (Euro)	10
	2910054	Ref	Decal Kit Installation - Model 3369 (Australian)	9
	2910048	Ref	Decal Kit Installation - Model 3969 (Euro)	14
	2910051	Ref	Decal Kit Installation - Model 3969 (Australian)	9
	0251642	Ref	SAFETY STRIPES INSTALLATIONS (NOT SHOWN)	-
101	4420052	4 ft/1.22m	Tape, Safety (Black/Yellow) (Located at Corners of Platform Extension)	

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 9-1. MODELS 3369/3969 ELECTRICAL SCISSOR STANDARD PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	1	Note: 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.	
		Ref	STANDARD PARTS	
	3990053	1	Sensor, Tach Drive, (for fleets of 1 to 10)	
	3990053	1	Sensor, Tach Drive, (for fleets of 10 to 20)	
	3990053	1	Sensor, Tach Drive, (for fleets of 20 or more)	
	2400053	2	Fuse, (for fleets of 1 to 10)	
	2400053	2	Fuse, (for fleets of 10 to 20)	
	2400053	2	Fuse, (for fleets of 20 or more)	
	7013310-ES	1	Controller, Sevcon, (for fleets of 1 to 10)	
	7013310-ES	1	Controller, Sevcon, (for fleets of 10 to 20)	
	7013310-ES	1	Controller, Sevcon, (for fleets of 20 or more)	
	7013312	2	Fuse - 200 Amp, (for fleets of 1 to 10)	
	7013312	2	Fuse - 200 Amp, (for fleets of 10 to 20)	
	7013312	2	Fuse - 200 Amp, (for fleets of 20 or more)	
	7013314	1	Circuit Board, (for fleets of 1 to 10)	
	7013314	1	Circuit Board, (for fleets of 10 to 20)	
	7013314	1	Circuit Board, (for fleets of 20 or more)	
	4360371	1	Sensor, Level, (for fleets of 1 to 10)	
	4360371	1	Sensor, Level, (for fleets of 10 to 20)	
	4360371	1	Sensor, Level, (for fleets of 20 or more)	
	4360300	1	Switch, Limit, (for fleets of 1 to 10)	
	4360300	1	Switch, Limit, (for fleets of 10 to 20)	
	4360300	1	Switch, Limit, (for fleets of 20 or more)	
	7011593	2	Fuse, DC, (for fleets of 1 to 10)	
	7011593	2	Fuse, DC, (for fleets of 10 to 20)	
	7011593	2	Fuse, DC, (for fleets of 20 or more)	
	7018570	2	Fuse, DC (UK Only), (for fleets of 1 to 10)	
	7018570	2	Fuse, DC (UK Only), (for fleets of 10 to 20)	
	7018570	2	Fuse, DC (UK Only), (for fleets of 20 or more)	
	1340052	1	Breather, (for fleets of 1 to 10)	
	1340052	2	Breather, (for fleets of 10 to 20)	
	1340052	3	Breather, (for fleets of 20 or more)	
	2120072	4	Element, Hydraulic Filter, (for fleets of 1 to 10)	
	2120072	8	Element, Hydraulic Filter, (for fleets of 10 to 20)	
	2120072	4	Element, Hydraulic Filter, (for fleets of 20 or more)	
	7012752	1	Coil, (for fleets of 1 to 10)	
	7012752	1	Coil, (for fleets of 10 to 20)	
	7012752	1	Coil, (for fleets of 20 or more)	
	4360474	1	Switch, Key, (for fleets of 1 to 10)	
	4360474	1	Switch, Key, (for fleets of 10 to 20)	
	4360474	1	Switch, Key, (for fleets of 20 or more)	
	2860030	1	Key, Replacement, (for fleets of 1 to 10)	
	2860030	1	Key, Replacement, (for fleets of 10 to 20)	
	2860030	1	Key, Replacement, (for fleets of 20 or more)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	4360314	1	Switch, Toggle, (for fleets of 1 to 10)	
	4360314	1	Switch, Toggle, (for fleets of 10 to 20)	
	4360314	1	Switch, Toggle, (for fleets of 20 or more)	
	3740087	1	Relay, (for fleets of 1 to 10)	
	3740087	1	Relay, (for fleets of 10 to 20)	
	3740087	1	Relay, (for fleets of 20 or more)	
	4360339	1	Switch, Push Button, (for fleets of 1 to 10)	
	4360339	1	Switch, Push Button, (for fleets of 10 to 20)	
	4360339	1	Switch, Push Button, (for fleets of 20 or more)	
	4360267	1	Contact, Switch Block, (for fleets of 1 to 10)	
	4360267	1	Contact, Switch Block, (for fleets of 10 to 20)	
	4360267	1	Contact, Switch Block, (for fleets of 20 or more)	
	4360328	1	Switch, Toggle, (for fleets of 1 to 10)	
	4360328	1	Switch, Toggle, (for fleets of 10 to 20)	
	4360328	1	Switch, Toggle, (for fleets of 20 or more)	
	4360282	1	Switch, (for fleets of 1 to 10)	
	4360282	1	Switch, (for fleets of 10 to 20)	
	4360282	1	Switch, (for fleets of 20 or more)	
	4360112	1	Breaker, Circuit, (for fleets of 1 to 10)	
	4360112	1	Breaker, Circuit, (for fleets of 10 to 20)	
	4360112	1	Breaker, Circuit, (for fleets of 20 or more)	
	4360445	1	Switch, Potentiometer, (for fleets of 1 to 10)	
	4360445	1	Switch, Potentiometer, (for fleets of 10 to 20)	
	4360445	1	Switch, Potentiometer, (for fleets of 20 or more)	
	1600301	1	Controller, PQ, (for fleets of 1 to 10)	
	1600301	1	Controller, PQ, (for fleets of 10 to 20)	
	1600301	1	Controller, PQ, (for fleets of 20 or more)	
	3990010	2	Diode, (for fleets of 1 to 10)	
	3990010	2	Diode, (for fleets of 10 to 20)	
	3990010	2	Diode, (for fleets of 20 or more)	
	3990001	2	Diode, (for fleets of 1 to 10)	
	3990001	2	Diode, (for fleets of 10 to 20)	
	3990001	2	Diode, (for fleets of 20 or more)	

SECTION 9 - RECOMMENDED SERVICE PARTS STOCK

FIGURE 9-2. MODELS 3369/3969 ELECTRICAL SCISSOR VARIABLE PARTS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	1	Note: 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.	
		Ref	VARIABLE PARTS	
	7011576	1	Diode (Euro Spec), (for fleets of 1 to 10)	
	7011576	1	Diode (Euro Spec), (for fleets of 10 to 20)	
	7011576	1	Diode (Euro Spec), (for fleets of 20 or more)	
	7011668	1	Diode (Australian Spec), (for fleets of 1 to 10)	
	7011668	1	Diode (Australian Spec), (for fleets of 10 to 20)	
	7011668	1	Diode (Australian Spec), (for fleets of 20 or more)	
	7011649	1	Relay (UK Dual Voltage), (for fleets of 1 to 10)	
	7011649	1	Relay (UK Dual Voltage), (for fleets of 10 to 20)	
	7011649	1	Relay (UK Dual Voltage), (for fleets of 20 or more)	
	7011508	2	Fuse, AC (Euro Spec), (for fleets of 1 to 10)	
	7011508	2	Fuse, AC (Euro Spec), (for fleets of 10 to 20)	
	7011508	2	Fuse, AC (Euro Spec), (for fleets of 20 or more)	
	7011645	2	Fuse, AC (Australian Spec), (for fleets of 1 to 10)	
	7011645	2	Fuse, AC (Australian Spec), (for fleets of 10 to 20)	
	7011645	2	Fuse, AC (Australian Spec), (for fleets of 20 or more)	
	7011551	1	Transformer, Control (Euro and Australian Specs except UK Spec), (for fleets of 1 to 10)	
	7011551	1	Transformer, Control (Euro and Australian Specs except UK Spec), (for fleets of 10 to 20)	
	7011551	1	Transformer, Control (Euro and Australian Specs except UK Spec), (for fleets of 20 or more)	
	4360300	1	Switch, Limit (When Equipped), (for fleets of 1 to 10)	
	4360300	1	Switch, Limit (When Equipped), (for fleets of 10 to 20)	
	4360300	1	Switch, Limit (When Equipped), (for fleets of 20 or more)	
	4360313	1	Switch, Proximity (3969), (for fleets of 1 to 10)	
	4360313	1	Switch, Proximity (3969), (for fleets of 10 to 20)	
	4360313	1	Switch, Proximity (3969), (for fleets of 20 or more)	

SECTION 10 - SPECIAL OPTIONS

SECTION 10 - SPECIAL OPTIONS

FIGURE 10-1. SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	Note	1	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	MISCELLANEOUS SPECIAL OPTIONS	
	0256789	Ref	Camera Mount Assembly	
	1702788	Ref	DECAL - BIODEGRADABLE OIL	
	0255537	Ref	Decal Installation - UL	
		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	
	0258701	Ref	110Volt Inverter Installation	
	0270412	Ref	Overload Protection Installation - French Machines (Located at Lift Cylinder) (SN 75625 to Present)	
	0257049	Ref	Pipe Rack Installation	
		Ref	Technical Publication Supplements	
		Ref	MAC Battery Charger Supplements:	
	3120366	1	UK/Australian Spec (In English Language)	
	3120384	1	Euro Spec (In English Language)	
	3122002	1	Dutch Spec (In Dutch Language)	
	3122003	1	French Spec (In French Language)	
	3122004	1	German Spec (In German Language)	
	3122005	1	Italian Spec (In Italian Language)	
	3122006	1	Spanish Spec (In Spanish Language)	
	3120351	1	PQ Controller Supplement	
	3120322	1	Spec Data Handbook	
	2901815	Ref	Kit, Tie Straps	
		Ref	Tools For Service:	
	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/s/Sockets for Deutsch Connectors)	
	4460510	1	Extractor - 12-14 Gauge (For Removal of Pin/s/Sockets for Deutsch Connectors)	
	7002822	1	Screwdriver, Potentiometer (To Adjust Drive Controller)	
	7016654	1	Screwdriver, Magnetic	
	7004275	1	Seal Installation Tool - 1in	
	7004276	1	Seal Installation Tool - 1 1/2in	
	7002826	1	Seal Installation Tool - 2in	
	7002820	1	Arbor Kit (For Installation of Garmax and Excelite Bushing)	
	2900832	1	Calibrator Kit	
	2900838	1	U.S. Standards Fastener (Hardware) Kit	
	7014676	1	U.S. Standards Tool Kit	

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