



Illustrated Parts Manual

Models

1532E3

1932E3

2033E3

2046E3

2646E3

2658E3

P/N - 3120763

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An Oshkosh Corporation Company

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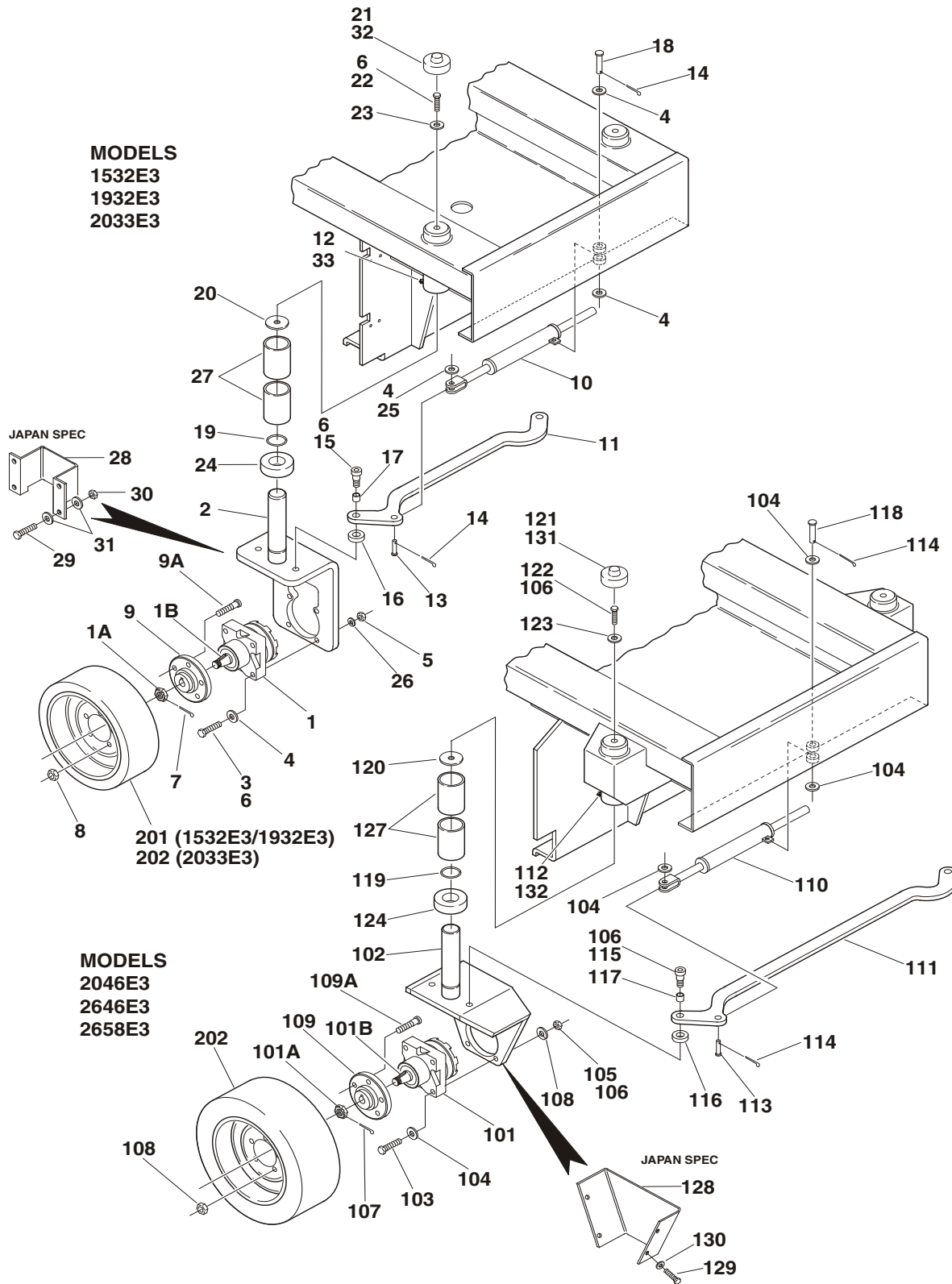
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FIGURE 1-1. DRIVE AND STEERING INSTALLATION



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FIGURE 1-1. DRIVE AND STEERING INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
1	0258147	DRIVE AND STEERING INSTALLATION - 1532E3/1932E3	Ref.	9
	0258148	DRIVE AND STEERING INSTALLATION - 2033E3	Ref.	8
	0258152	DRIVE AND STEERING INSTALLATION - 2033E3 (JAPANESE SPEC)	Ref.	9
		Drive Motor Assembly Options:	2	
		1532E3/1932E3 Motor Options:		
	3160270	S/N 0200098156 to Present (See Figure 1-3 for Breakdown)		
	3160228	Prior to S/N 0200098156 (Items 1A-1D are the only Replacement Parts)		
		2033E3 Motor Options:		
	3160263	S/N 0200098156 to Present (See Figure 1-4 for Breakdown)		
	3160230	Prior to S/N 0200088491 (Items 1A-1E are the only Replacement Parts)		

		3160228 & 3160230 Replacement Components:		
1A	7018997	Nut (1 Per Motor p/n 3160228/3160230)	2	
1B	7018996	Key (1 Per Motor p/n 3160228/3160230)	2	
1C	7021312	Seal, Shaft (Inner) (Not Shown) (1 Per Motor p/n 3160228/3160230)	2	
1D	7021317	Seal, Dust (Outer) (Not Shown) (1 Per Motor p/n 3160228/3160230)	2	
1E	7016436	Repair Kit for 3160230 Motor (Includes Items 1C, 1D, & Qty 1 O-Ring) (Not Shown) (1 Per Motor)	2	
2		Spindle Options:		
	4130336	1532E3/1932E3	2	
	4130329	2033E3	2	
	4130348	2033E3 (Japanese Spec)	2	
3	0641826	Bolt 1/2"-13NC x 3 1/4"	8	
4	4740453	Flatwasher 1/2"	10	
5	Use 3300450	Nut 1/2"-13NC (Prior to S/N 0200086330) (was P/N 3311801)	8	
6	Use 0100019	Loctite (Prior to S/N 02000103431) (was P/N 0100011)	A/R	
7	3450406	Cotter Pin 1/8" x 1 1/2"	2	
8	3300255	Nut, Wheel	10	
9	2780216	Hub	2	
9A	7012613	Bolt, Wheel (5 Per Hub)	10	
10		Steer Cylinder Options:	1	
	Use 1684226	Prior to S/N 0200070496 (was p/n 1683428)		
	Use 1684226	S/N 0200070496 to S/N 0200078796 (was p/n 1683841)		
	Use 1684226	S/N 0200078796 to S/N 0200105071 (was p/n 1683936)		
	1684226	S/N 0200105071 to Present		
11		Tie Rod Options:		
	3841387	1532E3/1932E3	1	
	3841379	2033E3	1	
12	2160008	Grease Fitting (Prior to S/N 84439 Only)	2	

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

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
13		Clevis Pin Options:		
	Use 3430812	Clevis Pin 1/2" x 1 3/8" (Prior to S/N 0200111444) (Was P/N 3430811)	1	
	3430812	Clevis Pin 1/2" x 1 1/2"	1	
14	3450403	Cotter Pin 1/8" x 3/4"	2	
15		Bolt, Shoulder Options:		
	0630516	Bolt, Shoulder 3/4" x 1 1/8" - 1532E3/1932E3	2	
	0630495	Bolt, Shoulder 3/4" x 1" - 2033E3	2	
16		Bushing Options:		
	0962085	1532E3/1932E3	2	
	0962014	2033E3	2	
17	0962013	Bushing, Fiberglide	2	
18	3430824	Clevis Pin 1/2" x 3"	1	
19	3780166	O-Ring	2	
20	4740419	Washer, Thrust	2	
21	1120417	Cap	2	
22		Bolt Options:	2	
	0641611	3/8"-16NC x 1 3/8" (1532E3/1932E3 Only)		
	0641612	3/8"-16NC x 1 1/2" (2033E3 Only)		
23	4711600	Flatwasher 3/8"	2	
24	4566833	Spacer (2033E3 Only)	2	
25	4711800	Flatwasher 1/2" (1532E3/1932E3 Only) (Prior to S/N 0200111444)	1	
26	4761800	Lockwasher 1/2" (Prior to S/N 0200088491 Only)	8	
27	0962017	Bushing, Excelite	4	
28		Cover, Motor Options: (2033E3 Japanese Spec Only)	2	
	Use 1670908	Prior to S/N 0200066042 (was p/n 1670838)		
	1670908	S/N 0200066042 to Present		
29	0641412	Bolt 1/4"-20NC x 1 1/2" (2033E3 Japanese Spec Only)	8	
30	3311405	Nut 1/4"-20NC (2033E3 Japanese Spec Only)	8	
31	4711400	Washer 1/4" (2033E3 Japanese Spec Only)	16	
32	0100081	Adhesive	A/R	
33	4891800	Cap, Grease Fitting (Prior to S/N 88491 Only)	2	
	0258149	DRIVE AND STEERING INSTALLATION - 2046E3/2646E3	Ref.	10
	0258150	DRIVE AND STEERING INSTALLATION - 2658E3	Ref.	8
	0258153	DRIVE AND STEERING INSTALLATION - 2646E3 (JAPANESE SPEC)	Ref.	9
101		Drive Motor Assembly Options:	2	
	3160226	Prior to S/N 0200088491		
	7021312	Seal, Shaft (Inner) (1 Per Motor P/N 3160226)	2	
	7021317	Seal, Dust (Outer) (1 Per Motor P/N 3160226)	2	
101A	7018997	Nut (1 Per Motor P/N 3160226)	2	
101B	7018996	Key (1 Per Motor P/N 3160226)	2	
	3160264	S/N 0200088491 to Present (See Figure 1-3 for Breakdown)		

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

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
102		Spindle Options:		
	4130332	Standard	2	
	4130349	Japanese Spec	2	
103	0641826	Bolt 1/2"-13NC x 3 1/4"	8	
104	4740453	Flatwasher 1/2"	10	
105	3311801	Nut 1/2"-13NC	8	
106	Use 0100019	Loctite (Prior to S/N 02000103431) (Was P/N 0100011)	A/R	
107	3450406	Cotter Pin 1/8" x 1 1/2"	2	
108	3300255	Nut, Wheel	10	
109	2780216	Hub	2	
109A	7012613	Bolt, Wheel (5 Per Hub)	10	
110		Steer Cylinder Options:	1	
	Use 1684227	Prior to S/N 0200070496 (was p/n 1683429)		
	Use 1684227	S/N 0200070496 to S/N 0200078796 (was p/n 1683840)		
	Use 1684227	S/N 0200078796 to S/N 0200105071 (was p/n 1683937)		
	1684227	S/N 0200105071 to Present		
111		Tie Rod Options:		
	3841320	2046E3/2646E3	1	
	3841324	2658E3	1	
112	2160008	Grease Fitting (Prior to S/N 0200088491 Only)	2	
113	3430812	Clevis Pin 1/2" x 1 1/2"	1	
114	3450403	Cotter Pin 1/8" x 3/4"	2	
115	0630495	Bolt, Shoulder 3/4" x 1"	2	
116	0962014	Bushing	2	
117	0962013	Bushing, Fiberglide	2	
118	3430824	Clevis Pin 1/2" x 3"	1	
119	3780166	O-Ring	2	
120	4740419	Washer, Thrust	2	
121	1120417	Cap	2	
122		Bolt Options:	2	
	0641611	3/8"-16NC x 1 3/8" (1532E3/1932E3 Only)		
	0641612	3/8"-16NC x 1 1/2" (2033E3 Only)		
123	4711600	Flatwasher 3/8"	2	
124	4566833	Spacer	2	
125	Not Required			
126	4761800	Lockwasher 1/2" (Prior to S/N 0200088491 Only)		
127	0962017	Bushing, Excelite	4	
128		Cover, Motor (2646E3 Japanese Spec Only)	2	
	Use 1670910	Prior to S/N 66042 (Was p/n 1670839)		
129	0641412	Bolt 1/4"-20NC x 1 1/2" (2646E3 Japanese Spec Only)	8	
130	4711400	Washer 1/4" (2646E3 Japanese Spec Only)	16	
131	0100081	Loctite #454	A/R	
132	1120064	Cap, Grease Fitting, (Prior to S/N 0200088491 Only)	2	

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

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
201		TIRE AND WHEEL INSTALLATIONS - 1532E3/1932E3	Ref.	
	0255680	Standard Tire And Wheel Installation (Optional)	Ref.	-
	0255683	Non-Marking Tire And Wheel Installation	Ref.	-
		Tire & Wheel Options:	4	
	4520175	Standard	A/R	
	4520177	Non-Marking	A/R	
202		TIRE AND WHEEL INSTALLATIONS - 2033E3/2046E3/2646E3/2658E3	Ref.	
	0255679	Standard Tire And Wheel Installation (See Note)	Ref.	-
	0255682	Non-Marking Tire And Wheel Installation (See Note)	Ref.	-
	0259475	Non-Marking Flotation Tire And Wheel Installation	Ref.	1
	0257156	Flotation Tire And Wheel Installation (Optional)	Ref.	-
		Tire & Wheel Options:	4	
	4520174	Standard	A/R	
	4520176	Non-Marking	A/R	
	4520221	Non-Marking Flotation (Note: Not Available on 2033E3)	A/R	
	4520191	Flotation (Note: Not Available on 2033E3)	A/R	
301		FRAME WELDMENT OPTIONS	Ref.	
	2360500	Frame Weldment - 1532E3/1932E3	1	
	2360501	Frame Weldment - 1532E3 (CSA)	1	
	2360499	Frame Weldment - 1932E3 (CSA)	1	
	2360472	Frame Weldment - 2033E3	1	
	2360473	Frame Weldment 1000# Capacity - 2033E3	1	
	2360474	Frame Weldment - 2046E3/2646E3 Manually Operated Platform Extension	1	
	2360515	Frame Weldment - 2046E3/2646E3 Hydraulically Operated Platform Extension	1	
	2360476	Frame Weldment 1000# Capacity - 2646E3	1	
	2360478	Frame Weldment - 2658E3 Manually Operated Platform Extension	1	
	2360516	Frame Weldment - 2658E3 Hydraulically Operated Platform Extension	1	

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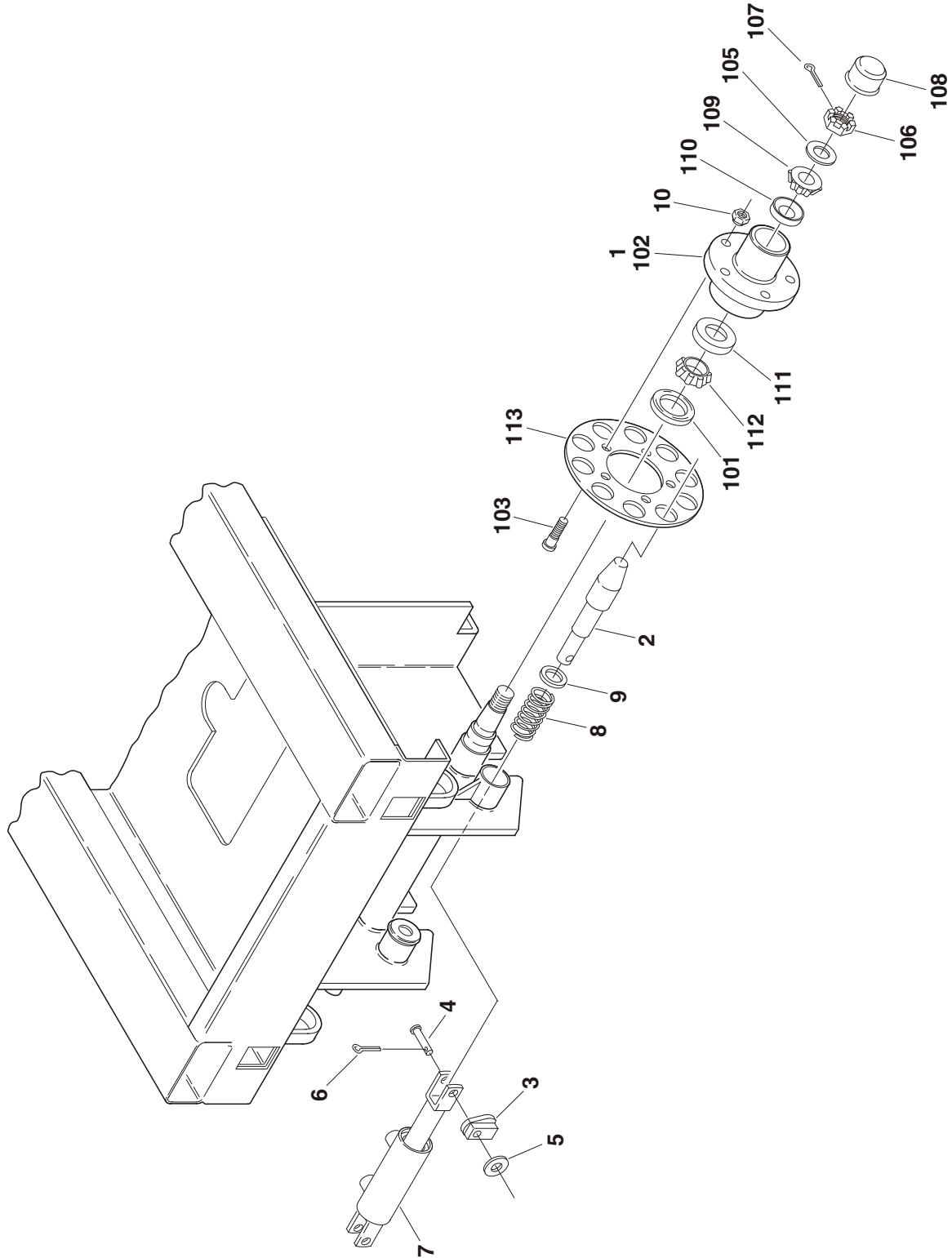
FIGURE 1-1. DRIVE AND STEERING INSTALLATION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

SECTION
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FIGURE 1-2. AXLE/BRAKE INSTALLATIONS



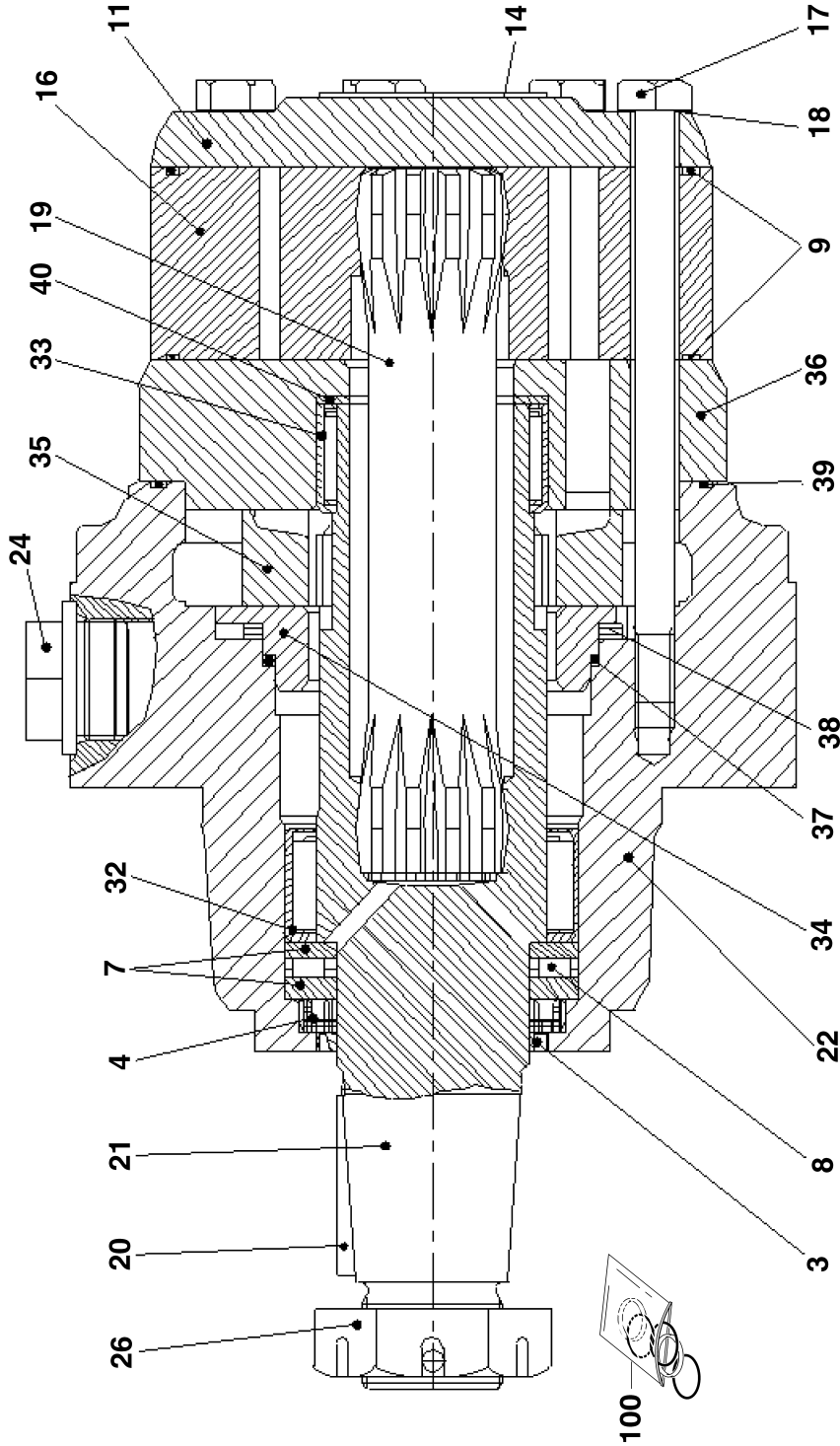
SECTION 1 FRAME

FIGURE 1-2. AXLE/BRAKE INSTALLATIONS

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BRAKE INSTALLATIONS	Ref.	
	0257183	1532E3/1932E3	Ref.	6
	0257184	2033E3	Ref.	6
	0257185	2046E3/2646E3	Ref.	3
	0257186	2658E3	Ref.	3
1	2780215	Hub Assembly (See Items 101-113 for Breakdown)	2	
2		Rod, Brake Options:		
	3841332	1532E3/1932E3/2033E3	2	
	3841333	2046E3/2646E3	2	
	3841334	2658E3	2	
3		Cam, Brake Options:	2	
	4845037	Prior to S/N 0200098156		
	1100116	S/N 0200098156 to Present		
4	3430620	Pin, Clevis	2	
5	4711500	Flatwasher 5/16" Narrow	2	
6	3450403	Pin, Cotter	2	
7		Brake, Cylinder Assembly Options (See Section 5 for Breakdown):	1	
	Use 1683833	Prior to S/N 66023 (was p/n 31683557)		
	1683833	2046E3/2646E3		
8	4160137	Spring	2	
9		Spacer Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4567265	2046E3/2646E3/2658E3	2	
10	3300255	Lugnut	10	
	2780215	HUB ASSEMBLY	Ref.	
101	7010649	Seal	1	
102	Not Serviced	Housing	1	
103	Use 7019696	Stud, Wheel (was p/n 7012613)	5	
104	Not Used			
105	7019697	Washer	1	
106	7010641	Nut, Slotted	1	
107	7010642	Pin, Cotter	1	
108	Use 7010648	Cap, Dust (was p/n 7003902)	1	
109	7010646	Cone, Outer	1	
110	Use 7010650	Cup, Outer (was p/n 7003903)	1	
111	7010651	Cup, Inner	1	
112	7010647	Cone, Inner	1	
113	1760165	Disc, Brake	1	

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FIGURE 1-3. DRIVE MOTOR ASSEMBLY - 1532E3/1932E3



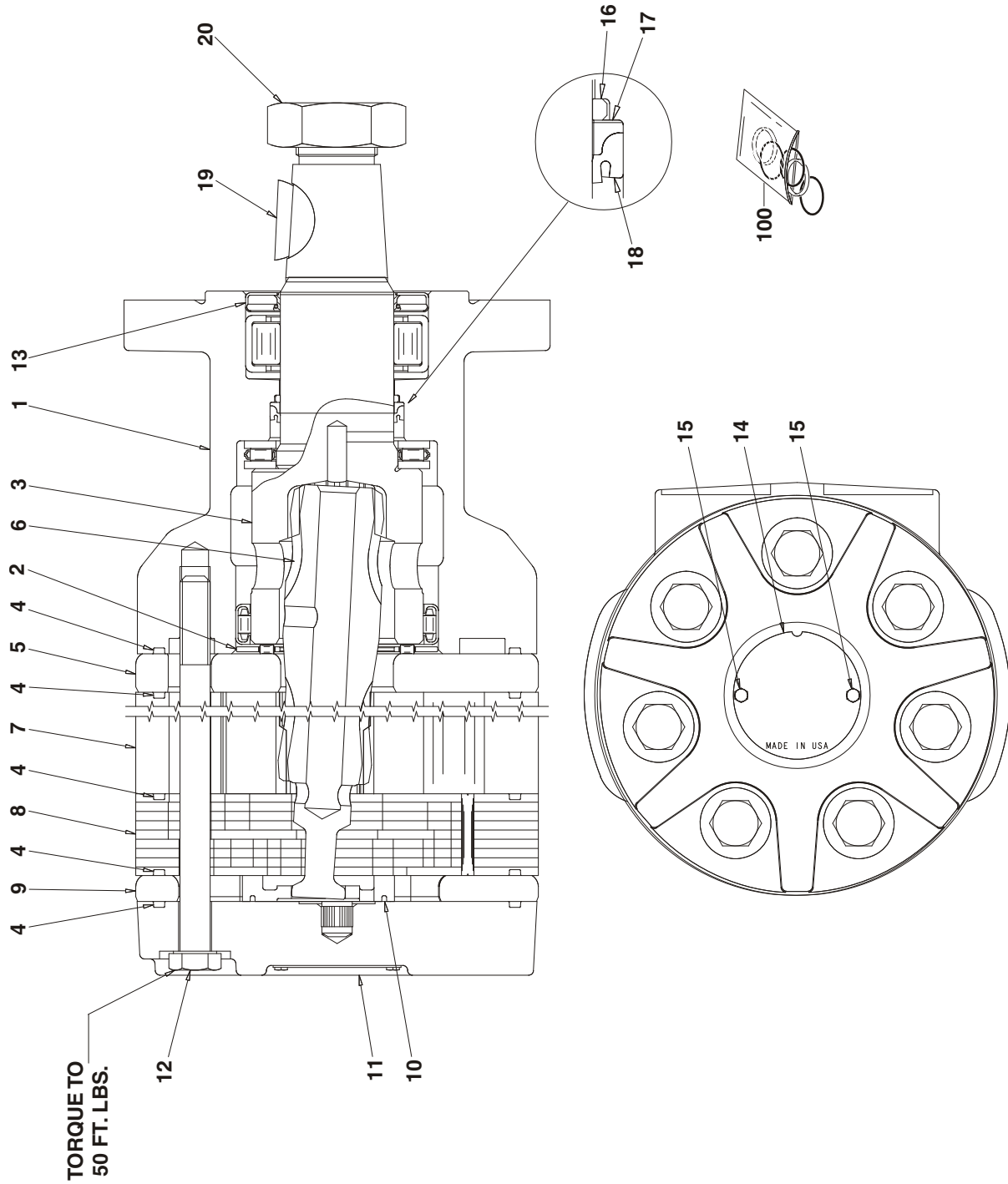
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FIGURE 1-3. DRIVE MOTOR ASSEMBLY - 1532E3/1932E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	3160270	DRIVE MOTOR ASSEMBLY (S/N 0200098156 TO PRESENT)	Ref.	B
		Note: See Figure 1-1 for replacement parts for Machines Prior to S/N 0200098156.	Ref.	
		Note: Verify Drive Motor machine is equipped with before ordering service parts.	Ref.	
1 to 2	Not Used			
3	Use Item 100	Seal, Dust	1	
4	Use Item 100	Seal, Shaft	1	
5 to 6	Not Used			
7	7023452	Bearing, Race	2	
8	7023453	Bearing, Needle	1	
9	Use Item 100	O-Ring	2	
10	Not Used			
11	7023465	Cover, End	1	
12 to 13	Not Used			
14	Not Serviceable	Identification Tag	1	
15	Not Used			
16	7023468	Wheel, Gear Set	1	
17	7023469	Screw m8x95mm	7	
18	Use Item 100	Washer 82mm	7	
19	7023467	Shaft, Cardan	1	
20	7023455	Key	1	
21	7023456	Shaft, Output	1	
22	Not Serviceable	Housing	1	
23	Not Used			
24	Not Serviceable	Plug	2	
25	Not Used			
26	7023451	Nut, Castle	1	
27 to 31	Not Used			
32	7023454	Bearing, Needle	1	
33	7023460	Bearing, Needle	1	
34	7023458	Plate, Pressure	1	
35	7023459	Disk, Valve	1	
36	7023462	Plate	1	
37	Use Item 100	O-Ring	1	
38	7023457	Washer, Spring	1	
39	Use Item 100	O-Ring	1	
40	7023461	Washer, Glacier	1	
		KIT OPTIONS:	Ref.	
100	7023450	Kit, Seal (Includes Items 3,4,9,18,37 & 39)	1	

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FIGURE 1-4. DRIVE MOTOR ASSEMBLY - 2033E3/2046E3/2646E3/2658E3



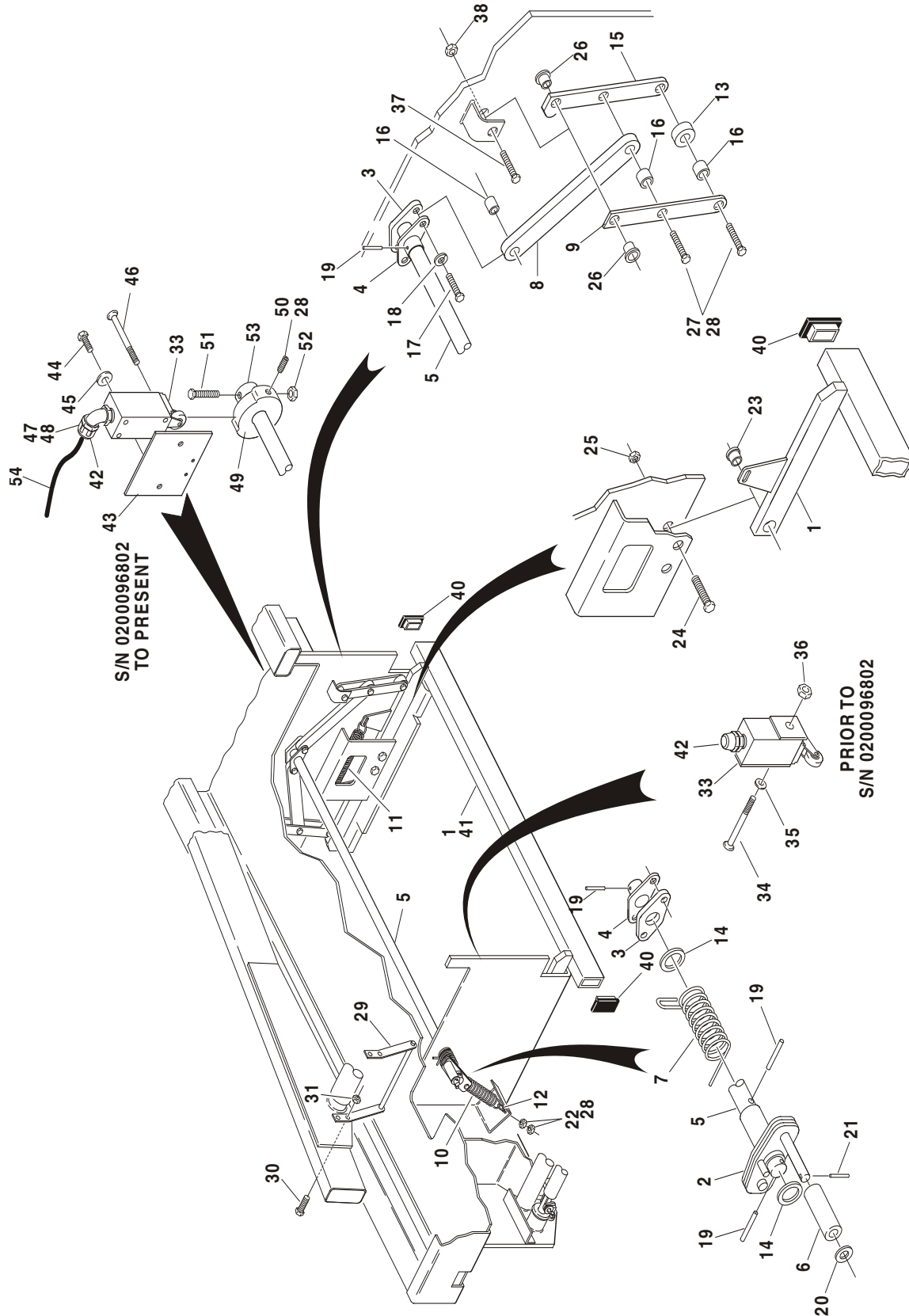
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FIGURE 1-4. DRIVE MOTOR ASSEMBLY - 2033E3/2046E3/2646E3/2658E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		DRIVE MOTOR ASSEMBLIES	Ref.	
	3160263	DRIVE MOTOR - 2033E3 (S/N 0200088491 TO PRESENT) Note: See Figure 1-1 for replacement parts for 2033E3 Prior to S/N 0200088491.	Ref.	B
			Ref.	
	3160264	DRIVE MOTOR - 2046E3/2646E3/2658E3 Note: Verify Drive Motor machine is equipped with before ordering service parts.	Ref.	B
			Ref.	
1	7023307	Housing	1	
2	7023308	Bearing, Thrust	1	
3	7023309	Shaft	1	
4	7023310	Ring, Seal	5	
5	7023311	Plate, Wear	5	
6		Drive Link Options:	1	
	7023312	Drive Link - Motor P/N 3160263		
	7023326	Drive Link - Motor P/N 3160264		
7		Assembly, Rotor Options:	1	
	7023313	Drive Link - Motor P/N 3160263		
	7023327	Drive Link - Motor P/N 3160264		
8	7023314	Manifold	1	
9	7023315	Assembly, Commutator	1	
10	7023318	Seal, Commutator	1	
11		Cover, End Options:	1	
	7023316	Drive Link - Motor P/N 3160263		
	7023328	Drive Link - Motor P/N 3160264		
12		Bolt Options:	7	
	7023317	Drive Link - Motor P/N 3160263		
	7023329	Drive Link - Motor P/N 3160264		
13	7023319	Seal	1	
14	Not Available	Identification Tag	N/A	
15	7023320	Screw	2	
16	7023321	Ring Back-Up	1	
17	7023322	Washer, Back-Up	1	
18	7023323	Seal, Shaft	1	
19	7023324	Key	1	
20	7023325	Nut, Castle	1	
		KIT OPTIONS:	Ref.	
100	7023412	Seal Kit (Includes Items 4, 10, 13, 16, 17 & 18)	1	

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FIGURE 1-5. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 1532E3/1932E3



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FIGURE 1-5. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 1532E3/1932E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258283	JLG POTHOLE PROTECTION SYSTEM INSTALLATION	Ref.	10
1	4845360	Bar, Support - Right Side	1	
2	4845529	Pivot Weldment	1	
3	3570198	Plate, Cam	2	
4	4845385	Bushing Weldment	2	
5	3841337	Rod, Pivot	1	
6	3860079	Roller	1	
7	4160133	Spring, Torsion	1	
8	0362484	Bar, Link	4	
9	0362485	Bar, Actuator	4	
10	4160141	Spring, Extension	1	
11	4160134	Spring, Extension	2	
12	0630543	Eye Bolt	1	
13	0362483	Bar, Roller	4	
14	0961997	Bearing, Flange	4	
15	0362654	Bar, Actuator	4	
16	0961994	Bearing, Spacer	12	
17	0641612	Bolt 3/8"-16NC x 1 1/2"	4	
18	4761600	Lockwasher 3/8"	4	
19	3440828	Roll Pin 1/4" x 1 3/4"	5	
20	4711800	Flatwasher 1/2"	1	
21	3440418	Roll Pin 1/8" x 1 1/8"	1	
22	3311501	Nut 5/16"-18NC	2	
23	0961995	Bearing, Flange	4	
24	0642224	Bolt 3/4"-10NC x 3"	4	
25	3312205	Locknut 3/4"-10NC	4	
26	0961996	Bearing, Flange	8	
27	0641611	Bolt 3/8"-16NC x 1 3/8"	8	
28	0100011	Loctite #242	A/R	
29	4845319	Weldment, Actuator	1	
30	0641506	Bolt 5/16"-18NC x 1"	4	
31	3311505	Locknut 5/16"-18NC	4	
32	Not Required			
33		Switch, Limit Options:	2	
	4360401	Prior to S/N 0200097741		
	Use 4360548	S/N 0200097741 to Production (was p/n 4360321		
	4360548	Post Production		
34	3911024	Screw Machine #10-24NC x 1 1/2" (Prior to S/N 0200097741)	4	
35	4751000	Flatwasher #10 (Prior to S/N 0200097741)	4	
36	3311005	Locknut #10-24NC (Prior to S/N 0200097741)	4	
37	0681622	Bolt 3/8"-16NC x 2 3/4"	4	
38	3311605	Locknut 3/8"-16NC	4	
39	Not Required			
40	1120481	Cap, End	4	
41	4845383	Bar, Support - Left Side	1	

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**FIGURE 1-5. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 1532E3/1932E3
(CONTINUED)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
42		Connector, Strain Relief Options:	2	
	4460662	Production		
	4460968	Post Production		
43	0902536	Bracket, Limit Switch (S/N 0200096802 to Present)	1	
44	0641408	Bolt 1/4"-20NC x 1" (S/N 0200096802 to Present)	2	
45	4751400	Flatwasher 1/4" (S/N 0200096802 to Present)	2	
46	3900271	Screw #10-32NC x 1" (S/N 0200096802 to Present)	2	
47	4460268	Socket, Terminal (S/N 0200096802 to Present)	2	
48	4460320	Plug - 2 Position (S/N 0200096802 to Present)	1	
49	1100110	Cam (S/N 0200096802 to Present)	1	
50	3951603	Screw 3/8"-16NC x 3/8" (S/N 0200096802 to Present)	2	
51	0681414	Bolt 1/4"-20NC x 1 3/4" (Grade 8) (S/N 0200096802 to Present)	1	
52	3311405	Locknut 1/4"-20NC (S/N 0200096802 to Present)	1	
53	0962262	Bushing (S/N 0200096802 to Present)	1	
54	1060680	Cable, 18/2	7ft.	

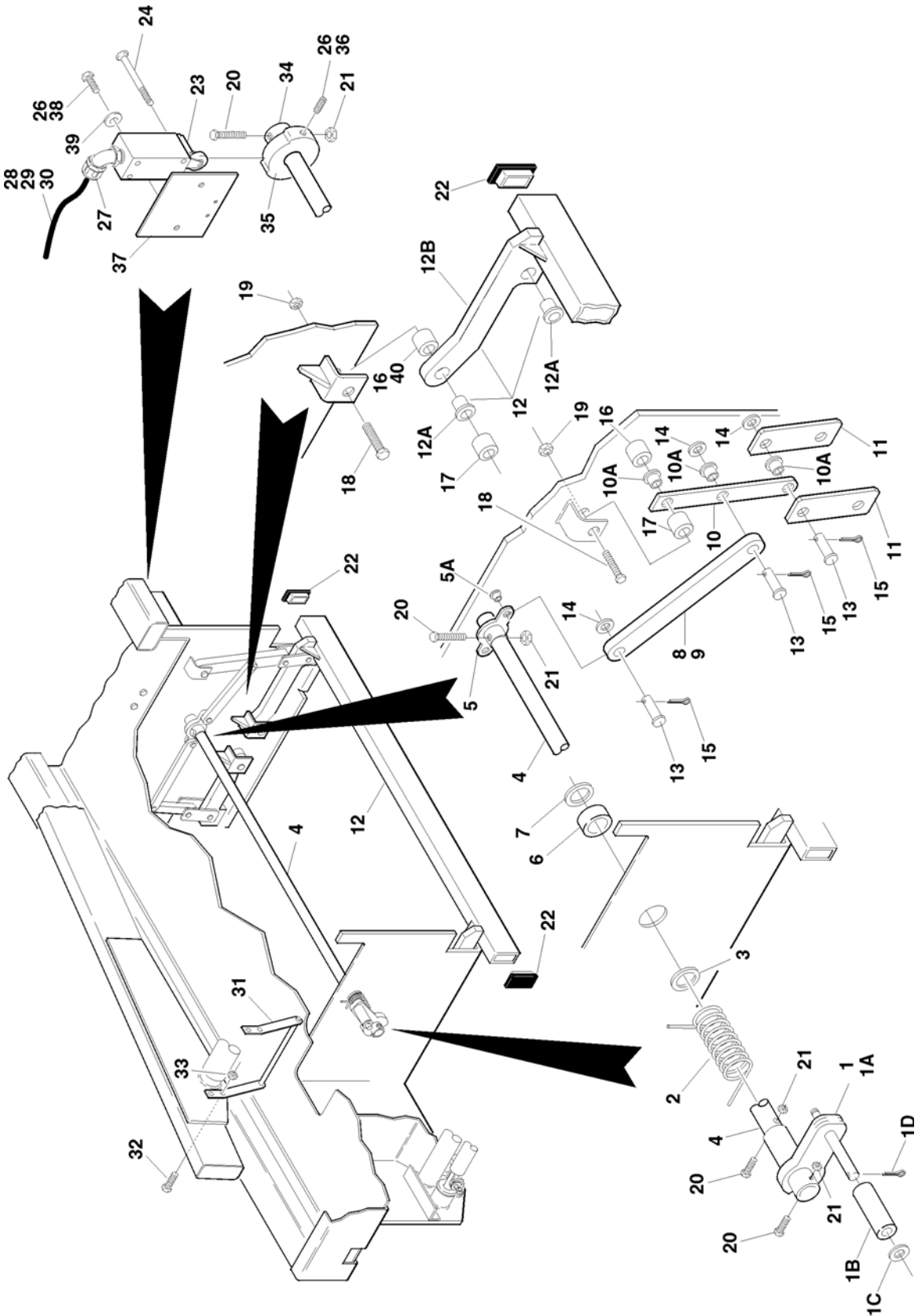
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FIGURE 1-5. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 1532E3/1932E3
(CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 1-6. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 2033E3/
2046E3/2646E3/2658E3



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FIGURE 1-6. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 2033E3/2046E3/2646E3/2658E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		JLG POTHOLE PROTECTION SYSTEM INSTALLATIONS:	Ref.	
	0258850	2033E3	Ref.	7
	0258851	2046E3/2646E3	Ref.	9
	0258852	2658E3	Ref.	8
1	0257725	Actuator One Assembly	1	
1A	4846014	Actuator Weldment	1	
1B	3860079	Roller	1	
1C	4711800	Washer 1/2" (Narrow)	1	
1D	3450404	Pin, Cotter	1	
2		Spring, Torsion Options:	1	
	Use 4160201	(Prior to S/N 0200111485) (was p/n 4160180)		
	4160201	(S/N 0200111485 to Present)		
3	4740481	Washer, Special Spacer	1	
4	3841428	Bar, Activation	1	
5	0257724	PHP Actuator Assembly	2	
5A	0962123	Bearing (2 Per Assembly)	4	
6	0961997	Bearing, Flange	2	
7	4740482	Washer	1	
8		Arm, Long Connection Options:	2	
	3570440	2033E3		
	3570482	2046E3/2646E3		
	3570747	2658E3		
9		Arm, Short Connection Options:	2	
	3570439	2033E3		
	3570483	2046E3/2646E3		
	3570746	2658E3		
10	0257726	Support Arm Assembly	4	
10A	0962123	Bearing (3 Per Assembly)	12	
11	3570422	Link, Support	8	
12	0257766	Bar Assembly	2	
12A	0962123	Bearing (4 Per Assembly)	8	
12B	4845699	Weldment, PHP Bar	1	
13	3430811	Pin, Clevis	16	
14	4751800	Flatwasher 1/2"	A/R	
15	3450403	Pin, Cotter	16	
16	4567306	Spacer 1/2"	A/R	
17	4567307	Spacer 3/4"	8	
18	0681822	Bolt 1/2"-13NC x 2 3/4"	8	
19	3311805	Locknut 1/2"-13NC	8	
20	0681414	Bolt 1/4"-20NC x 1 3/4"	4	
21	3311405	Locknut 1/4"-20NC	4	
22	1120481	Cap, End	4	
23	Use 4360548	Switch, Limit (was p/n 4360321)	1	
24	3900271	Screw Machine #10-24NC x 1"	2	
25	Not Used			
26	0100011	Loctite #242	A/R	

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FIGURE 1-6. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 2033E3/2046E3/2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
27		Connector, Strain Relief Options:	1	
	4460428	Prior to S/N 0200068552		
	4460662	S/N 0200068552 to Production		
	4460968	Post Production		
28	1060680	Cable, Electrical 18/2	7ft./2.1m	
29	4460320	Terminal, Plug 2 Position	1	
30	4460268	Socket, Terminal	2	
31		Actuator Arm Weldment Options:	1	
	4845886	2033E3		
	4845581	2046E3/2646E3/2658E3		
32	0641508	Bolt 5/16"-18NC x 1"	4	
33	3311505	Locknut 5/16"-18NC	4	
34	0962262	Bushing	1	
35	1100110	Cam	1	
36	3951603	Setscrew 3/8"-16NC x 3/8"	2	
37	0902536	Bracket	1	
38	0641408	Bolt 1/4"-20NC x 1"	2	
39	4751400	Flatwasher 1/4"	2	
40	4740504	Washer (2033 Only) (S/N 0200096802 to Present)	4	

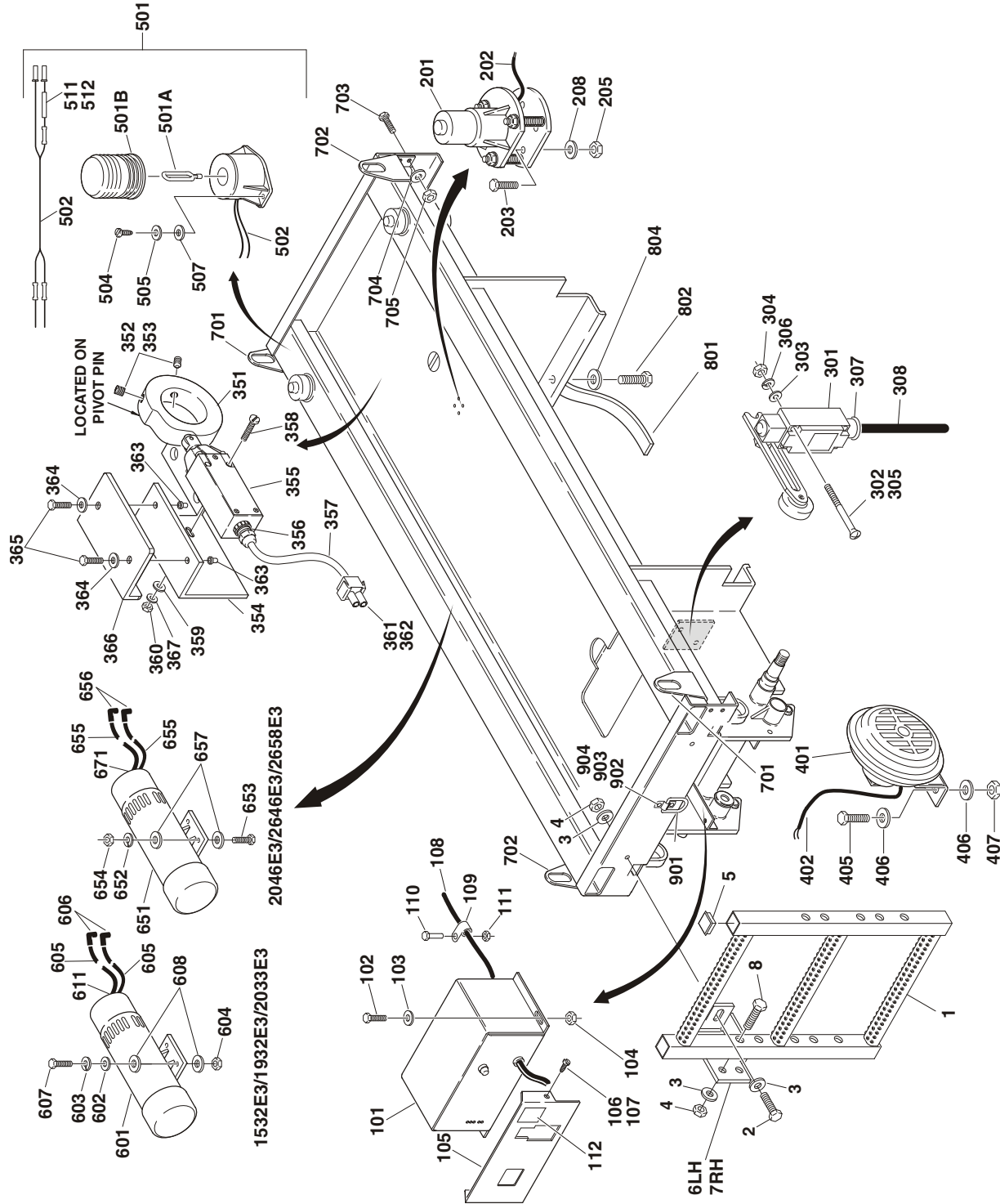
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FIGURE 1-6. JLG POTHOLE PROTECTION SYSTEM INSTALLATION - 2033E3/2046E3/2646E3/
2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 1-7. FRAME MOUNTED COMPONENTS INSTALLATIONS



SECTION 1 FRAME

FIGURE 1-7. FRAME MOUNTED COMPONENTS INSTALLATIONS

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		LADDER INSTALLATIONS	Ref.	
	0258895	1532E3	Ref.	5/C
	0258880	1932E3/2033E3/2046E3/2646E3/2658E3	Ref.	4/C
1		Ladder Weldment Options:		
	4845887	1532E3	1	
	4845884	1932E3/2033E3/2046E3/2646E3/2658E3	1	
2	0641810	Bolt 1/2"-13NC x 1 1/4"	2	
3	4751800	Flatwasher 1/2"	6	
4	3311805	Locknut 1/2"-13NC	6	
5	3520071	Cap	2	
6	0902507	Bracket, Ladder (Left Side)	1	
7	0902508	Bracket, Ladder (Right Side)	1	
8	0641824	Bolt 1/2"-13NC x 3"	4	
		BATTERY CHARGER INSTALLATION OPTIONS:	Ref.	
	0258183	1532E3/1932E3	Ref.	8
	0258184	1532E3/1932E3 (Japanese Spec)	Ref.	7
	0258185	2033E3/2046E3/2646E3/2658E3	Ref.	5
	0258186	2033E3/2046E3/2646E3/2658E3 (Japanese Spec)	Ref.	5
101		Battery Charger Assembly Options: (See Figure 1-8 for Breakdown):	1	
	0400178	120V/240V-50/60HZ (All except Japanese Spec)		
	0400179	100V/200V-50/60HZ (Japanese Spec)		
102	0641506	Bolt 5/16"-18NC x 3/4"	2	
103	4711500	Flatwasher 5/16"	4	
104	3311505	Locknut 5/16"-18NC	2	
105	4060975	Shield (1532E3/1932E3 Only)	1	
106	3941406	Screw Self-Tapping 1/4"-20NC x 3/4" (1532E3/1932E3 Only)	2	
107	0100011	Loctite #242 (1532E3/1932E3 Only) (Prior to S/N 0200111444)	A/R	
108		Harness, Charger Options:	1	
	Use 4922233	1532E3/1932E3 (Prior to S/N 0200081384) (was p/n 4922234)		
	4922233	1532E3/1932E3 (S/N 0200081384 to Present)		
	4922233	2033E3/2046E3/2646E3/2658E3		
109	1320061	Clamp (Prior to S/N 0200111444)	1	
110	0641406	Bolt 1/4"-20NC x 3/4" (Prior to S/N 0200111444)	1	
111	3311405	Locknut 1/4"-20NC (Prior to S/N 0200111444)	1	
112	1701644	Decal - Battery Charger (S/N 0200081163 to Present)	1	
		TILT INDICATOR INSTALLATIONS (OPTIONAL)	Ref.	
	0258844	1 1/2° Tilt - 1532E3/1932E3	Ref.	3
	0258845	1 1/2° Tilt (UL) - 1532E3/1932E3	Ref.	4
	0258841	2° Tilt (CSA) - 1532E3/1932E3 (Prior to S/N 0200106703)	Ref.	3

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FIGURE 1-7. FRAME MOUNTED COMPONENTS INSTALLATIONS (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
201	0258251	2° Tilt (UL) - 1532E3/1932E3 (Prior to S/N 0200106703)	Ref.	4
	0259486	5° Tilt - 1532E3/1932E3 (Prior to S/N 0200071692)	Ref.	1
	0259487	5° Tilt (UL) - 1532E3/1932E3 (Prior to S/N 0200071692)	Ref.	1
	0258977	2° Tilt - 2033E3	Ref.	3
	0258251	2° Tilt (UL) - 2033E3	Ref.	4
	0259485	5° Tilt - 2033E3 (Prior to S/N 0200071692)	Ref.	1
	0259487	5° Tilt (UL) - 2033E3 (Prior to S/N 0200071692)	Ref.	1
	0258841	2° Tilt - 2046E3/2646E3/2658E3	Ref.	3
	0258251	2° Tilt (UL) - 2046E3/2646E3/2658E3	Ref.	4
	0259486	5° Tilt - 2046E3/2646E3/2658E3 (Prior to S/N 0200071692)	Ref.	1
	0259487	5° Tilt (UL) - 2046E3/2646E3/2658E3 (Prior to S/N 0200071692)	Ref.	1
	0271639	5° Tilt (Japanese Spec) - 1532E3/1932E3/2033E3/2046E3/ 2646E3/2658E3 (S/N 0200097273 to Present)	Ref.	1
		Switch, Level Indicator Options:	1	
	4360465	1 1/2° Tilt Indicator		
	4360435	2° Tilt Indicator		
	4360434	5° Tilt Indicator		
202		Harness Options (See Section 7 for Breakdown):	1	
	Use 4922285	Prior to S/N 0200060218 (Was P/N 4921819) S/N 0200060218 to Present		
203	0641406	Bolt 1/4"-20NC x 3/4"	2	
204	Not Used			
205	3311405	Locknut 1/4"-20NC	A/R	
206		Cover Options (Not Shown - UL Machines Only):	1	
	4845953	1532E3/1932E3		
	4845948	2033E3		
	4845853	2046E3/2646E3/2658E3		
207	3941406	Self Tapping Screw (Not Shown - UL Machines Only)	2	
208	4751400	Flatwasher 1/4"	A/R	
	0255784	HI-DRIVE LIMIT SWITCH INSTALLATION - 1532E3/1932E3	Ref.	5
301	4360397	Switch, Limit	1	
302	3911024	Screw Machine #10-24NC x 1 1/2"	2	
303	4751000	Flatwasher #10	2	
304	3311001	Nut #10-24NC	2	
305	0100011	Loctite #242	A/R	
306	4761000	Lockwasher #10	2	
307	4460662	Connector, Strain Relief	1	
308	1060680	16/2 Cable	6.5ft./2M	

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FIGURE 1-7. FRAME MOUNTED COMPONENTS INSTALLATIONS (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258201	HI-DRIVE LIMIT SWITCH INSTALLATION - 2033E3/2046E3/2646E3/2658E3	Ref.	9
351	1100110	Cam	1	
352	3951603	Setscrew 3/8"-16NC x.38"	2	
353	0100011	Loctite #242	A/R	
354	3571116	Plate, Limit Switch	1	
355	Use 4360548	Switch, Limit (was p/n 4360321)	1	
356		Connector, Strain Relief Options:	1	
	4460662	Production		
	4460968	Post Production		
357	1060680	18/2 Cable	9ft/2.74m	
358		Screw #8-32NC x 1 1/2" Options:	2	
	Use 3930824	(Prior to S/N 0200103324) (Was P/N 3930820)		
	3930824	(S/N 0200103324 to Present)		
359	4750800	Flatwasher #8	2	
360	3310801	Nut #8-32NC	2	
361	4460320	Housing, Terminal	1	
362	4460268	Socket, Terminal	2	
363	2080044	Fastener, Rivnut 1/4"-20NC (Prior to S/N 0200100141)	2	
364	4751400	Flatwasher 1/4" (Prior to S/N 0200100141)	2	
365	3931412	Bolt 1/4"-20NC x 3/4" (Prior to S/N 0200100141)	2	
366	3571278	Plate	1	
367	4760800	Lockwasher #8	2	
	0259217	HORN INSTALLATION (OPTIONAL)	Ref.	2
401	0140022	Horn	1	
402	4922258	Harness (See Section 7 for Breakdown)	1	
403	4360387	Switch, Push Button (Not Shown - Located on Platform Console)	1	
404	Not Used			
405	0641408	Bolt 1/4"-20NC x 1"	1	
406	4751400	Flatwasher 1/4"	2	
407	3311405	Locknut 1/4"-20NC	1	
408	1320061	Clamp, Hose (Not Shown) (S/N 0200111444 to Present)	1	
		BEACON LIGHT INSTALLATIONS (OPTIONAL)	Ref.	
	0258800	Non-UL Machines	Ref.	1
	0258801	UL Machines	Ref.	1
501	2920146	Beacon Light Assembly Options:	1	
501A	7016319	Bulb, Light	1	
501B		Alarm Lens Options:	1	
	7016320	Lens - 3 1/8" Height		
	7016372	Lens - 4 1/8" Height		
502	1060680	18/2 Cable	10ft./3M	
503	4060865	Cage (Not Shown - UL Machines Only)	1	
504	0721006	Screw, Machine #10-24NC x 3/4"	2	

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FIGURE 1-7. FRAME MOUNTED COMPONENTS INSTALLATIONS (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
505	4761000	Lockwasher #10	2	
506	Not Used			
507	4751000	Flatwasher #10	2	
508 - 510	Not Used			
511	4460044	Holder, Fuse	1	
512	2400056	Fuse, AGC-1/2 0.5A, 250V	1	
	0258954	GENERATOR INSTALLATION (110V/800W) - 1532E3/1932E3	Ref.	3
601	2460022	Generator	1	
	7023336	Kit, Retrofit (Potted Circuit Card)	1	
602	4751500	Flatwasher 5/16"	4	
603	4761500	Lockwasher 5/16"	4	
604		Rivnut 5/16"-18NC x 7/8" Options:	4	
	Use 2080053	(Prior to S/N 0200106890) (was p/n 2080048)		
	2080053	(S/N 0200106890 to Present)		
605	1060627	Cable	2	
606	0840027	Boot, Cable	2	
607	0641512	Bolt 5/16"-18NC x 1 1/2"	4	
608	4740455	Washer, Nylon	8	
609	0840025	Boot, Cable (Not Shown)	2	
610	1320095	Clamp (Not Shown)	1	
611	4751400	Flatwasher 1/4"	2	
	0258956	GENERATOR INSTALLATION (110V/800W) - 2033E3/2046E3/2646E3/2658E3	Ref.	2
651	2460022	Generator	1	
	7023336	Kit, Retrofit (Potted Circuit Card)	1	
652	4751500	Flatwasher 5/16"	8	
653	0641510	Bolt 5/16"-18NC x 1 1/4"	4	
654	3311505	Locknut 5/16"-18NC	4	
655	1060627	Cable	2	
656	0840027	Boot, Cable	2	
657	4740455	Washer, Nylon	8	
658	0840025	Boot, Cable (Not Shown)	2	
659 to 670	Not Required			
671	4751400	Flatwasher 1/4"	2	
		LIFT LUG INSTALLATIONS (OPTIONAL)	Ref.	
	0258194	1532E3/1932E3	Ref.	3
	0258195	2033E3/2046E3/2646E3/2658E3	Ref.	3
701		Lug, Lift Options:		
	3539735	Right Side (1532E3/1932E3)	2	
	4845314	Right Side (2033E3/2046E3/2646E3/2658E3)	2	
702		Lug, Lift Options:		
	3539736	Left Side (1532E3/1932E3)	2	
	4845315	Left Side (2033E3/2046E3/2646E3/2658E3)	2	

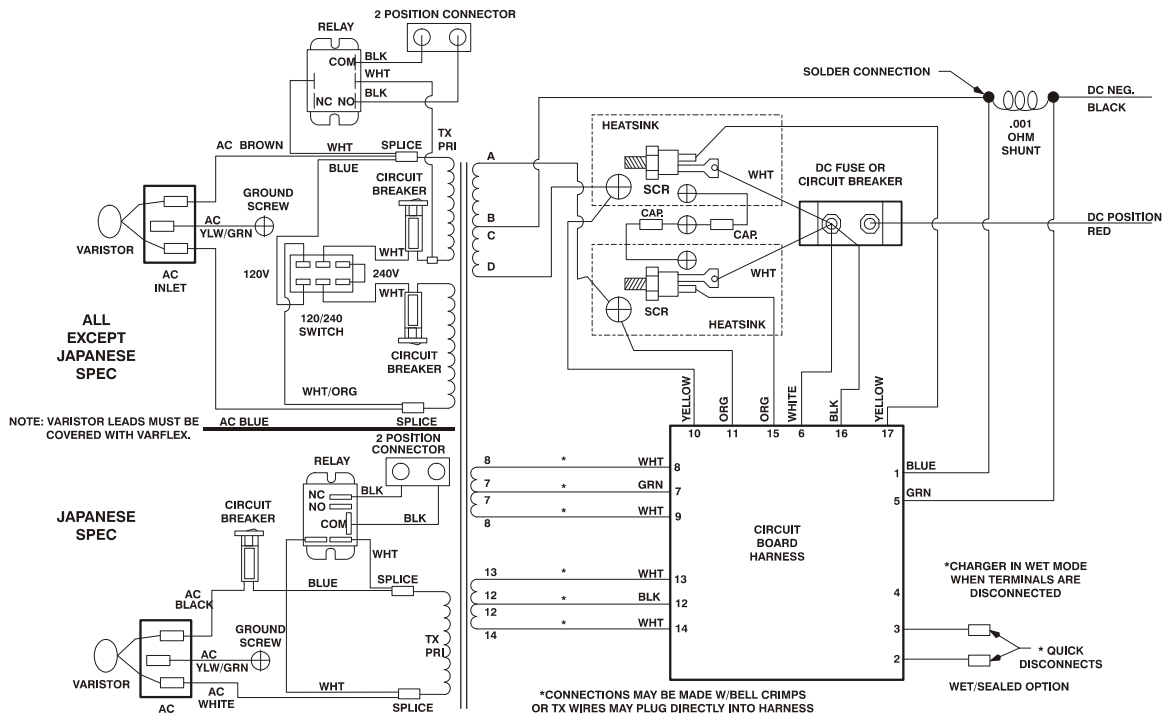
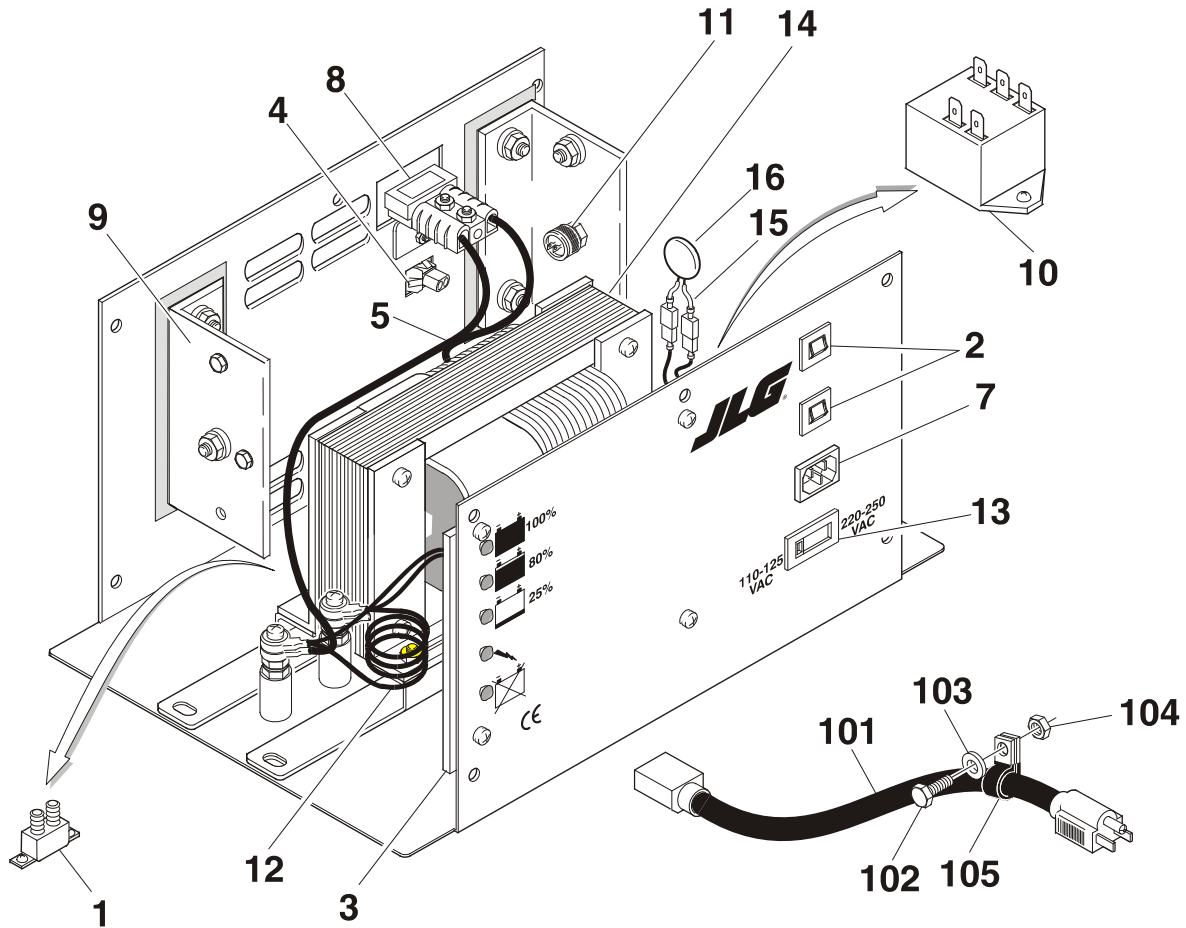
SECTION 1 FRAME

FIGURE 1-7. FRAME MOUNTED COMPONENTS INSTALLATIONS (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
703	0641610	Bolt 3/8"-16NC x 1 1/4"	8	
704	3311605	Locknut 3/8"-16NC	8	
705	4711600	Flatwasher 3/8"	8	
	0257372	STATIC STRAP INSTALLATION (OPTIONAL)	Ref.	4
801		Strap, Static Options:	1	
	Use 4240147	(Prior to S/N 0200103629) (was p/n 4240084)		
	4240147	(S/N 0200103629 to Present)		
802	3941406	Self Tapping	1	
803	Not Used			
804	4751400	Flatwasher 1/4"	1	
	0257266	TIE-DOWN INSTALLATION	Ref.	
901	3760365	D-Ring	2	
902	0630485	Bolt, Carriage 3/8"-16NC x 1"	4	
903	4751600	Flatwasher 3/8" (Prior to S/N 0200065687)	4	
904	3311605	Locknut 3/8"-16NC	4	

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FIGURE 1-8. BATTERY CHARGER ASSEMBLY



SECTION 1 FRAME

FIGURE 1-8. BATTERY CHARGER ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BATTERY CHARGER ASSEMBLIES	Ref.	
	0400178	All except Japanese Spec	Ref.	B
	0400179	Japanese Spec	Ref.	B
1	7011509	Breaker, Circuit - DC	1	
2		Breaker, Circuit - AC	A/R	
	7018514	All except Japanese Spec	2	
	7018525	Japanese Spec	1	
3		Board, Circuit	1	
	7018578	All except Japanese Spec		
	7018598	Japanese Spec		
4	7011621	Connector	1	
5	7020638	Cord -DC	1	
6		Harness (Not Shown)	1	
	7018582	All except Japanese Spec		
	7020671	Japanese Spec		
7	7018583	Plug, AC Inlet	1	
8	7011590	Plug, DC	1	
9		Rectifier Assembly	2	
	7018585	All except Japanese Spec		
	7020672	Japanese Spec		
10		Relay	1	
	7018564	All except Japanese Spec		
	7018506	Japanese Spec		
11		SCR	1	
	7018555	All except Japanese Spec		
	7020673	Japanese Spec		
12		Shunt Assembly	1	
	7020605	All except Japanese Spec		
	7020674	Japanese Spec		
13		Switch	1	
	7018586	All except Japanese Spec		
	Not Required	Japanese Spec		
14		Transformer	1	
	7020639	All except Japanese Spec		
	7020675	Japanese Spec		
15		Varistor Assembly	1	
	7018589	All except Japanese Spec		
	7020603	Japanese Spec		
16	7018537	Varistor	1	
	0259214	AC CHARGER CORD INSTALLATION	Ref.	1
101	1060688	Cable, AC Cord	1	
102	0641406	Bolt 1/4"-20NC x 3/4"	1	
103	4751400	Flatwasher 1/4"	1	
104	3311405	Locknut 1/4"-20NC	1	
105	1320040	Clamp	1	

SECTION 1 FRAME

FIGURE 1-8. BATTERY CHARGER ASSEMBLY (CONTINUED)

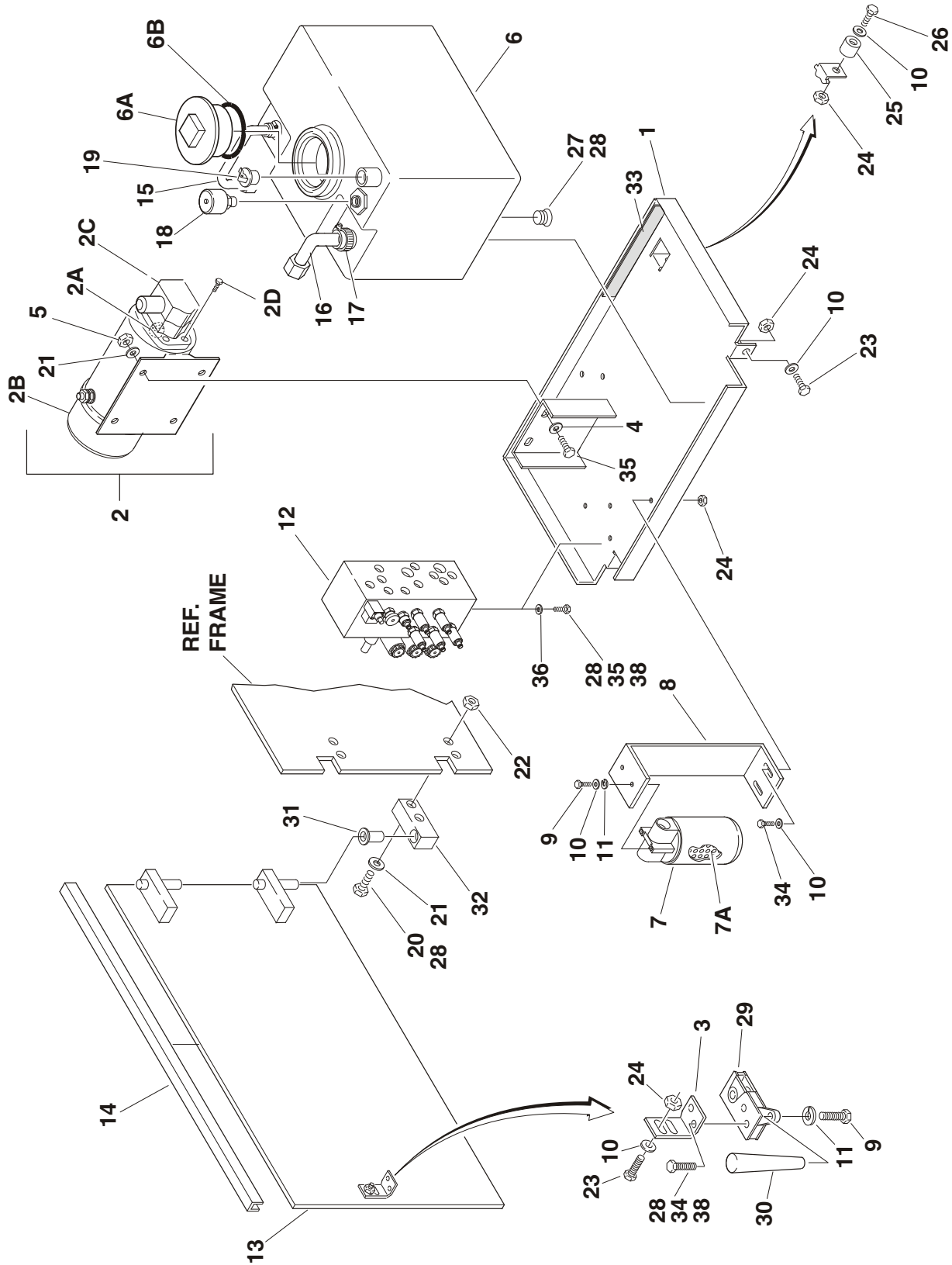
FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

SECTION 2 GROUND COMPONENTS

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SECTION 2 GROUND COMPONENTS

FIGURE 2-1. HYDRAULIC COMPONENTS AND COVER INSTALLATION -1532E3/1932E3



SECTION 2 GROUND COMPONENTS

FIGURE 2-1. HYDRAULIC COMPONENTS AND COVER INSTALLATION -1532E3/ 1932E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258124	HYDRAULIC COMPONENTS INSTALLATION (STANDARD)	Ref.	5
	0258125	HYDRAULIC COMPONENTS INSTALLATION (UL)	Ref.	4
1	4845818	Tray Weldment	1	
2	3600270	Pump/Motor Assembly	1	
2A	7010944	Coupling	1	
2B	7011041	Motor	1	
	7010639	Brush, Replacement	2	
	7010640	Brush Spring	8	
2C	7011042	Pump	1	
	7010903	Seal, Shaft	2	
	7011042	Pump	1	
	7011044	Gasket, Mounting	1	
	7011045	Kit, Pump Gasket	1	
2D	7011043	Screw, Pump Mounting	4	
3	0902365	Latch Mounting Bracket	1	
4	4751500	Flatwasher 5/16"	4	
5	4761500	Lockwasher 5/16"	4	
6	4400414	Tank, Hydraulic	1	
6A	7020063	Cap	1	
6B	Not Available	Gasket, Neoprene	1	
7	2120105	Filter Assembly	1	
7A	2120072	Element, Filter	1	
8	0902221	Bracket	1	
9	0641404	Bolt 1/4"-20NC x 5/8"	4	
10	4711400	Flatwasher 1/4"	16	
11	4761400	Lockwasher 1/4"	3	
12	4641036	Valve Assembly (See Figure 2-3 for Breakdown)	1	
13	1780291	Door Weldment	1	
14	3960389	Seal	34"/86cm	
15	4567649	Tube, Suction - 3/4"	1	
16	4566969	Tube, Return - 3/4"	1	
17	Use 1320030	Clamp, Hose (was p/n 1320033) (Prior to S/N 0200088491)	2	
18	1340052	Breather	1	
19	3520077	Plug, Quick Snap	1	
20	0641816	Bolt 1/2"-13NC x 2"	4	
21	4751800	Flatwasher 1/2"	12	
22	3311805	Locknut 1/2"-13NC	4	
23	0641408	Bolt 1/4"-20NC x 1"	4	
24	3311405	Locknut 1/4"-20NC	8	
25	4566849	Spacer	2	
26	0641412	Bolt 1/4"-20NC x 1 1/2"	2	
27	2200233	Plug, Drain (Prior to S/N 0200071386 Only)	1	
28	0100020	Loctite (Prior to S/N 0200071386 Only)	A/R	
29	2940098	Latch	1	
30	2560137	Knob	1	
31	0962004	Bushing, Flanged Bronze	2	
32	0362566	Bar, Hinge	2	

SECTION 2 GROUND COMPONENTS

FIGURE 2-1. HYDRAULIC COMPONENTS AND COVER INSTALLATION -1532E3/ 1932E3
(CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
33	Use 4420037	Tape, Rubatex (was p/n 4420001) (Prior to S/N 0200088491)	2ft./61cm	
34	0641406	Bolt 1/4"-20NC x 3/4"	4	
35	0641508	Bolt 5/16"-18NC x 1"	4	
36	4711500	Flatwasher 5/16"	3	
37	0641505	Bolt 5/16"-18NC x 5/8"	3	
38	0100011	Loctite	A/R	
39	2901207	Motor Band Kit (Not Shown - UL Machines Only)	1	

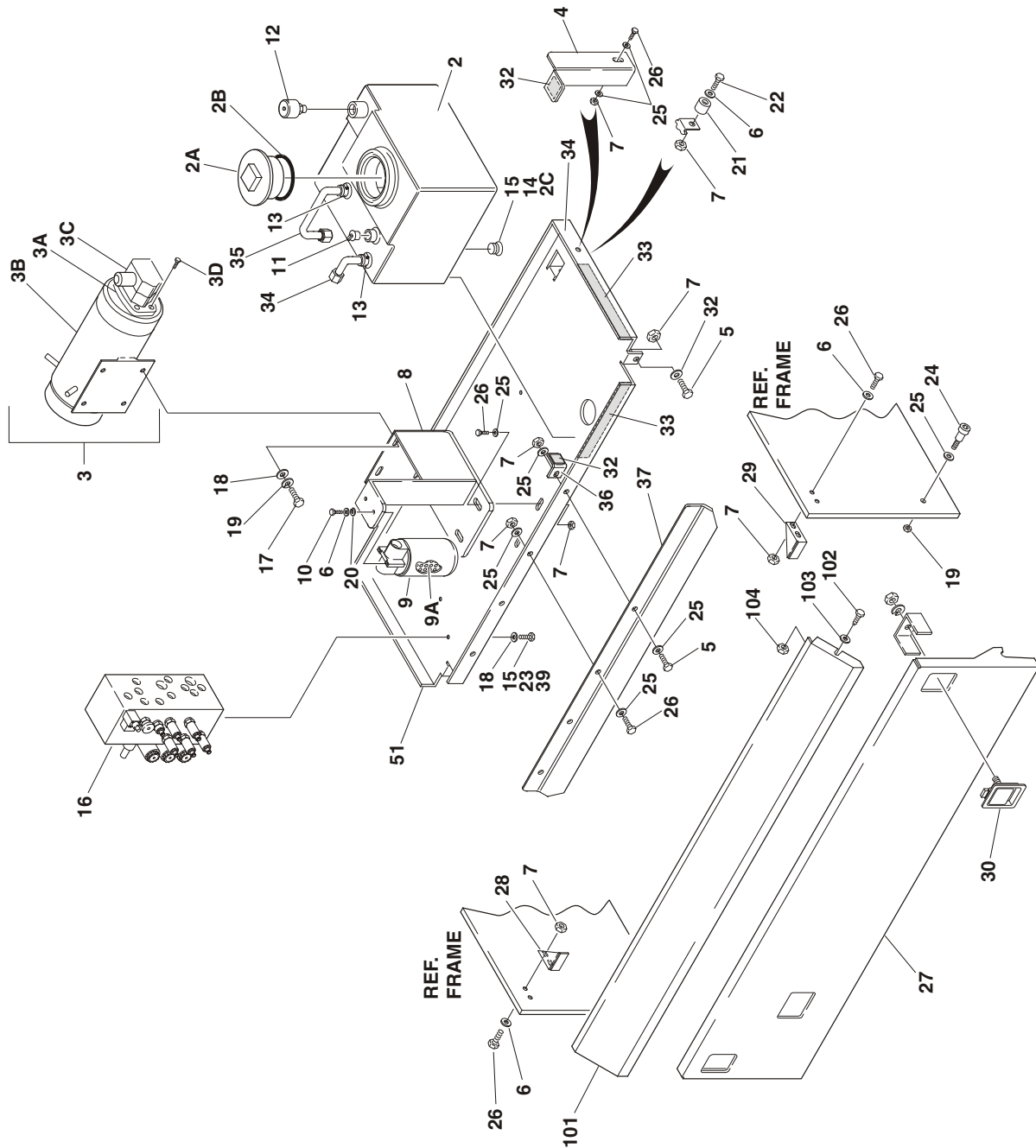
SECTION 2 GROUND COMPONENTS

FIGURE 2-1. HYDRAULIC COMPONENTS AND COVER INSTALLATION -1532E3/ 1932E3
(CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

SECTION 2 GROUND COMPONENTS

FIGURE 2-2. HYDRAULIC COMPONENTS AND COVERS INSTALLATION - 2033E3 /2046E3/2646E3/2658E3



SECTION 2 GROUND COMPONENTS

FIGURE 2-2. HYDRAULIC COMPONENTS AND COVERS INSTALLATION - 2033E3 /2046E3/2646E3/ 2658E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		HYDRAULIC COMPONENTS INSTALLATIONS	Ref.	
	0258126	2033E3 (Standard)	Ref.	8
	0258127	2033E3 (UL)	Ref.	8
	0258128	2046E3/2646E3/2658E3 (Standard)	Ref.	8
	0258129	2046E3/2646E3/2658E3 (UL)	Ref.	8
		Note: For Power Deck Valve Option See Section 6.		
1		Weldment Hydraulic Tray Options:	1	
	4845803	2033E3		
	3570998	2046E3/2646E3/2658E3		
2		Hydraulic Tank Options:	1	
	Use 4400422	Prior to S/N 0200070927 (was p/n 4400406)		
	4400422	S/N 0200070927 to Present		
2A	1120491	Lid	1	
2B	3780199	O-Ring	1	
2C	2200233	Plug, Drain	1	
3	3600270	Pump/Motor Assembly	1	
3A	7010944	Coupling	1	
3B	7011041	Motor	1	
	7010639	Brush, Replacement	2	
	7010640	Brush Spring	8	
3C	7011042	Pump	1	
	7010903	Seal, Shaft	2	
	7011042	Pump	1	
	7011044	Gasket, Mounting	1	
	7011045	Kit, Pump Gasket	1	
3D	7011043	Screw, Pump Mounting	4	
4	0902477	Bracket, Hydraulic Tank	1	
5	0641408	Bolt 1/4"-20NC x 1"	2	
6	4711400	Flatwasher 1/4"	14	
7	3311405	Locknut 1/4"-20NC	16	
8	4845801	Bracket, Hydraulic Pump and Filter	1	
9	2120105	Filter Assembly	1	
9A	2120072	Element, Filter	1	
10	0641405	Bolt 1/4"-20NC x 5/8" (Prior to S/N 0200099124)	2	
11	3520077	Plug, Quick Snap	1	
12	1340052	Breather	1	
13	Use 1320030	Clamp, Hose (was p/n 1320033) (Prior to S/N 0200088491)	2	
14	2200233	Plug, Drain (Prior to S/N 0200071386 Only)	1	
15	0100020	Loctite (Prior to S/N 0200071386 Only)	A/R	
16	4641036	Valve Assembly (See Figure 2-3 for Breakdown)	1	
17	0641508	Bolt 5/16"-18NC x 1"	4	
18	4711500	Flatwasher 5/16"	11	
19	4761500	Lockwasher 5/16"	4	
20	4761400	Lockwasher 1/4"	2	
21	4566849	Spacer	2	
22	0641412	Bolt 1/4"-20NC x 1 1/2"	2	

SECTION 2 GROUND COMPONENTS

FIGURE 2-2. HYDRAULIC COMPONENTS AND COVERS INSTALLATION - 2033E3 /2046E3/2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
23	0641505	Bolt 5/16"-18NC x 3/4"	3	
24	2940099	Latch	2	
25	4751400	Flatwasher 1/4"	16	
26	0641406	Bolt 1/4"-20NC x 3/4"	13	
27	3570996	Plate, Valve Cover	1	
28	0181874	Angle, Latch Stop (Left Hand)	1	
29	0181875	Angle, Latch Stop (Right Hand)	1	
30	2940045	Latch, Pad	2	
31	3311505	Locknut 5/16"-18NC	2	
32	4420038	Weatherstrip (Prior to S/N 0200088491 Only)	10"/25.4cm	
33	4420037	Weatherstrip	38"/96.4cm	
34	4567271	Tube, Return	1	
35	4567272	Tube, Feed	1	
36	0902476	Bracket, Hydraulic Tank	1	
37	3571007	Plate	1	
38	2901207	Motor Band Kit (Not Shown - UL Machines Only)	1	
39	0100011	Loctite #242	A/R	
		SIDE COVER INSTALLATIONS	Ref.	
	0258791	2033E3/2046E3/2646E3	Ref.	1
	0258792	2658E3	Ref.	2
101		Plate, Side Cover Options:	2	
	4060937	2033E3/2046E3/2646E3		
	3570829	2658E3		
102		Bolt Options:	4	
	3941406	2033E3/2046E3/2646E3		
	0641406	2658E3		
103	4751400	Flatwasher 1/4" (2658E3 Only)	4	
104	3311405	Locknut 1/4"-20NC (2658E3 Only)	4	

SECTION 2 GROUND COMPONENTS

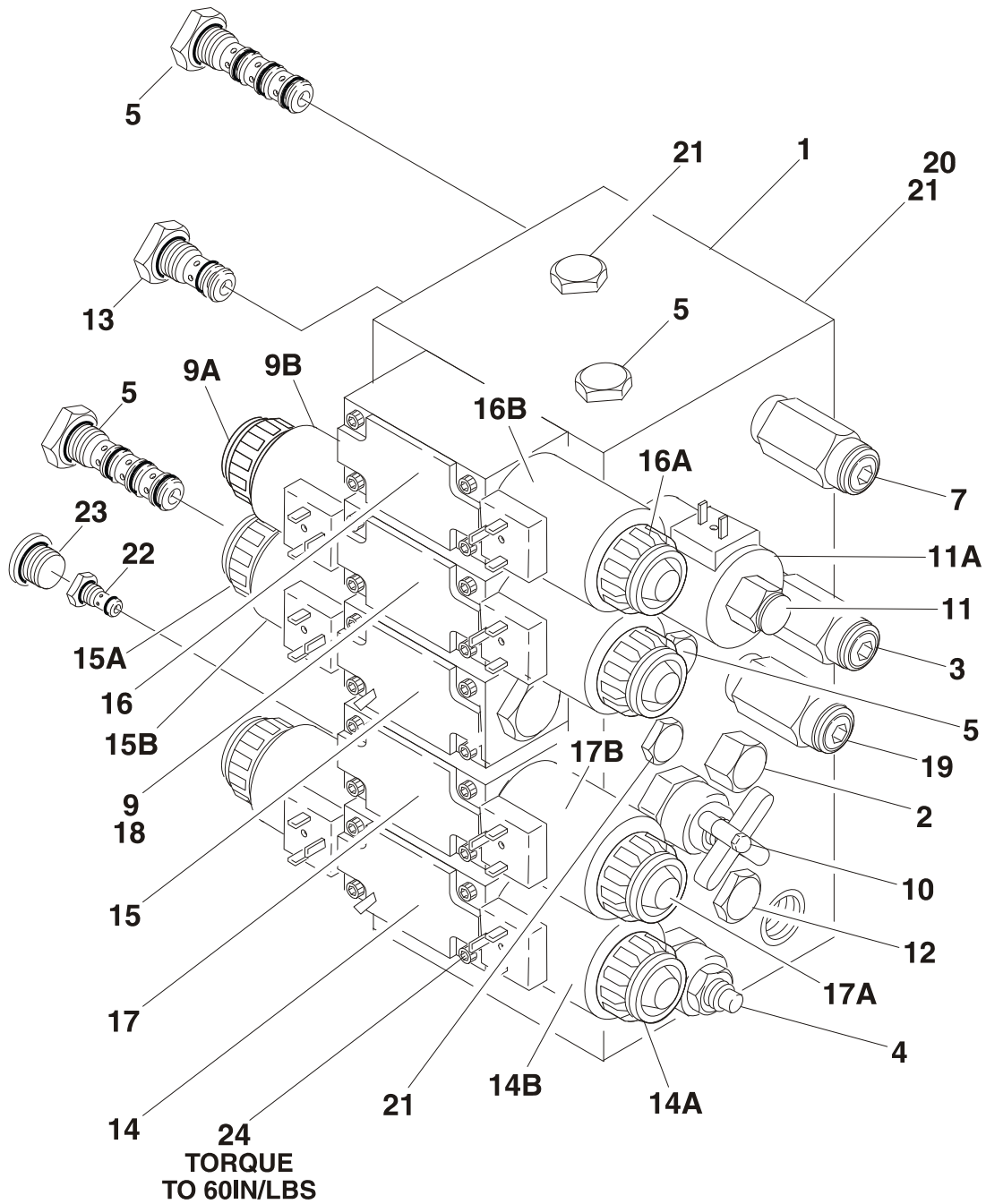
FIGURE 2-2. HYDRAULIC COMPONENTS AND COVERS INSTALLATION - 2033E3 /2046E3/2646E3/ 2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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SECTION 2 GROUND COMPONENTS

FIGURE 2-3. VALVE ASSEMBLY



SECTION 2 GROUND COMPONENTS

FIGURE 2-3. VALVE ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	4641036	VALVE ASSEMBLY	Ref.	G
1	Not Serviced	Block, Valve	1	
2	7021300	Cartridge, Valve (Load Sense)	1	
	7021313	Seal Kit - 7021300 Cartridge	1	
3	7018302	Cartridge, Valve (Main Relief)	1	
	7016351	Seal Kit - 7018302 Cartridge	1	
4	Use 7022525	Cartridge, Valve (Counterbalance) (was p/n 7021301)	1	
	7016337	Seal Kit - 7021301 Cartridge	1	
	7016337	Seal Kit - 7022525 Cartridge	1	
5	7021302	Cartridge, Valve (Shuttle)	4	
	7021315	Seal Kit - 7021302 Cartridge	1	
6	Not Used			
7	7018302	Cartridge, Valve (Lift Relief)	1	
	7016351	Seal Kit - 7018302 Cartridge	1	
8	Not Used			
9	Use 7018981	Rexroth Valve Section (Steer) (was p/n 7021303)	1	
	7012773	Seal Kit - 7021303 & 7018981 Cartridge	2	
9A	7018912	Nut	2	
	7018943	O-Ring	2	
9B	Use 7018917	Coil (was p/n 7012785)	2	
10	7018312	Cartridge, Valve (Tow)	1	
	7018313	Seal Kit - 7018312 Cartridge	1	
11	7018967	Cartridge Without Coil (Brake)	1	
	7016349	Seal Kit - 7018967 Cartridge	1	
11A	7016352	Coil	1	
12	7021304	Cartridge, Valve (Flow Divider)	1	
	7018315	Seal Kit - 7021304 Cartridge	1	
13	7018304	Cartridge, Valve (Check)	1	
	7016315	Seal Kit - 7018304 Cartridge	1	
14	7018981	Rexroth Valve Section (Drive)	1	
	7012773	Seal Kit - 7018981 Cartridge	1	
14A	7018912	Nut	2	
	7018943	O-Ring	1	
14B	Use 7018917	Coil (was p/n 7012785)	2	
15	7021305	Rexroth Valve Section (Hi-Drive)	1	
	7012773	Seal Kit - 7021305 Cartridge	1	
	7018993	Plug	1	
15A	7018912	Nut	1	
	7018943	O-Ring	1	
15B	Use 7018917	Coil (was p/n 7012785)	1	
16	7021306	Rexroth Valve Section (Lift)	1	
	7012773	Seal Kit - 7021306 Cartridge	1	
	7018993	Plug	1	
16A	7018912	Nut	1	
	7018943	O-Ring	1	
16B	Use 7018917	Coil (was p/n 7012785)	1	

SECTION 2 GROUND COMPONENTS

FIGURE 2-3. VALVE ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
17	7021307	Rexroth Valve Section (Posi-Trac)	1	
	7012773	Seal Kit - 7021307 Cartridge	1	
	7018993	Plug	1	
17A	7018912	Nut	1	
	7018943	O-Ring	1	
17B	Use 7018917	Coil (was p/n 7012785)	1	
18	7018941	Orifice 1.2mm	2	
19	7018919	Cartridge, Valve (Steer Relief)	1	
	7016351	Seal Kit - 7018919 Cartridge	1	
20	7018916	Orifice 2.0mm	1	
21	7018905	Plug	1	
22	7022520	Cartridge, Check Valve	1	
	7023876	Seal Kit -7022520 Cartridge		
23	7018985	Plug		
24	7018942	Capscrew, Socket Head #10-24NC x 2"	20	

SECTION 2 GROUND COMPONENTS

FIGURE 2-3. VALVE ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

SECTION 2 GROUND COMPONENTS

FIGURE 2-4. ELECTRICAL COMPONENTS INSTALLATIONS (AT GROUND CONTROLS)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		GROUND CONTROLS INSTALLATION OPTIONS:	Ref.	
	0258155	1532E3/1932E3 - Standard	Ref.	7
	0258157	1532E3/1932E3 - UL	Ref.	7
	0258158	2033E3/2046E3/2646E3/2658E3 - Standard	Ref.	7
	0258160	2033E3/2046E3/2646E3/2658E3 - UL	Ref.	7
	0258161	2033E3/2046E3/2646E3/2658E3 - With Power Deck Extension	Ref.	7
	0258162	2033E3/2046E3/2646E3/2658E3 - With Power Deck Extension - UL	Ref.	7
1	1600289	Controller, SMART System™	1	
2	3941406	Self Tapping 1/4"-20NC x 3/4"	4	
3	4751400	Flatwasher 1/4"	A/R	
4	4761400	Lockwasher 1/4"	A/R	
5		Relay Options:		
	3740131	Relay (Standard Machines)	1	
	3740121	Relay (UL Machines)	1	
6	3311401	Nut 1/4"-20NC	A/R	
7	1060712	Cable Assembly (1532E3/1932E3 Machines Only)	1	
	4460618	Connector, Anderson	2	
8	4360112	Breaker, Circuit	1	
9	4360432	Switch, Keyed Select (Prior to S/N 0200069979)	1	
	7019604	Switch Kit (Includes o-rings, boot and locking ring)	1	
	7016339	Key, Replacement	1	
	4360471	Switch, Keyed Select (S/N 0200069979 to Present)	1	
	2860030	Key, Replacement	1	
10	4360328	Switch, Toggle	1	
11	4360289	Switch, Emergency Stop (Prior to S/N 0200069828)	1	
	7012612	Boot	1	
	4360475	Switch, Emergency Stop (S/N 0200069828 to Present)	1	
	7020175	Cap	1	
	7020176	Block, Contact	1	
12		Decal - Ground Controls Options:	1	
	1704141	1532E3/1932E3 (Prior to S/N 0200069979)		
	1704513	1532E3/1932E3 (S/N 0200069979 to Present)		
	1704140	2033E3/2046E3/2646E3/2658E3 (Prior to S/N 0200069979)		
	1704512	2033E3/2046E3/2646E3/2658E3 (S/N 0200069979 to Present)		
13	0100076	Silicone (Not Shown)	A/R	
14	4740479	Washer, Brass 1/4"	6	
15	4300133	Stud, Brass 1/4"-20NC x 1 1/2"	3	
16	0100020	Loctite	A/R	
17	4711400	Flatwasher 1/4" (Narrow) (Prior to S/N 0200093627)	4	
18	Not Required			
19	4070987	Shim,.015 (S/N 0200069979 to Present) (1532E3/1932E3 Only)	1	
20	4070991	Shim,.125 (S/N 0200069979 to Present) (2033E3/2046E3/2646E3/2658E3 Only)	1	

SECTION 2 GROUND COMPONENTS

FIGURE 2-4. ELECTRICAL COMPONENTS INSTALLATIONS (AT GROUND CONTROLS)
(CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
21	3910804	Screw #8-32NC x 1/4" (S/N 0200069979 to Present)	6	
		ALARM INSTALLATION S	Ref.	
	0256959	DESCENT ALARM - 1532E3/1932E3	Ref.	3
	0256960	MOTION ALARM - 1532E3/1932E3	Ref.	3
	0256964	TRAVEL ALARM - 1532E3/1932E3 (PRIOR TO S/N 0200071692)	Ref.	2
101	0140033	Alarm (Remove Ground Strap Before Installation)	1	
	4761400	Flatwasher 1/4"	2	
	3311401	Nut 1/4"-20NC	2	
		Harness, Alarm Options:	1	
	Use 4922656	Prior to S/N 0200103404 (was p/n 4460042)		
	4922656	S/N 0200103404 to Present		
	0256961	DESCENT ALARM - 2033E3/2046E3/2646E3/2658E3	Ref.	2
	0256962	MOTION ALARM - 2033E3/2046E3/2646E3/2658E3	Ref.	2
	0256965	TRAVEL ALARM - 2033E3/2046E3/2646E3/2658E3 (PRIOR TO S/N 0200071692)	Ref.	—
151	0140033	Alarm (Remove Ground Strap Before Installation)	1	
	0641406	Bolt 1/4"-20NC x 1" (2033E3/2046E3/2646E3/2658E3 Only)	2	
	4711400	Flatwasher 1/4"	4	
	3311405	Locknut 1/4"-20NC	2	
		Harness, Alarm Options:	1	
	Use 4922656	Prior to S/N 0200103404 (was p/n 4460042)		
	4922656	S/N 0200103404 to Present		
	0256056	HOURLMETER GAUGE INSTALLATION - 1532E3/1932E3 (OPTIONAL)	Ref.	4
	0256058	HOURLMETER GAUGE INSTALLATION - 2033E3/2046E3/2646E3/2658E3 (OPTIONAL)	Ref.	5
201	2420165	Gauge, Hourmeter	1	
202	2420179	Filter, Hourmeter	1	
	0256423	KEY ATTACH INSTALLATION (OPTIONAL)	Ref.	A
301	0641406	Bolt 1/4"-20NC x 3/4"	1	
302	4751400	Flatwasher 1/4"	2	
303	3311405	Locknut 1/4"-20NC	1	
304	1060379	Cable, Lanyard	1	
305	3760170	Ring	1	

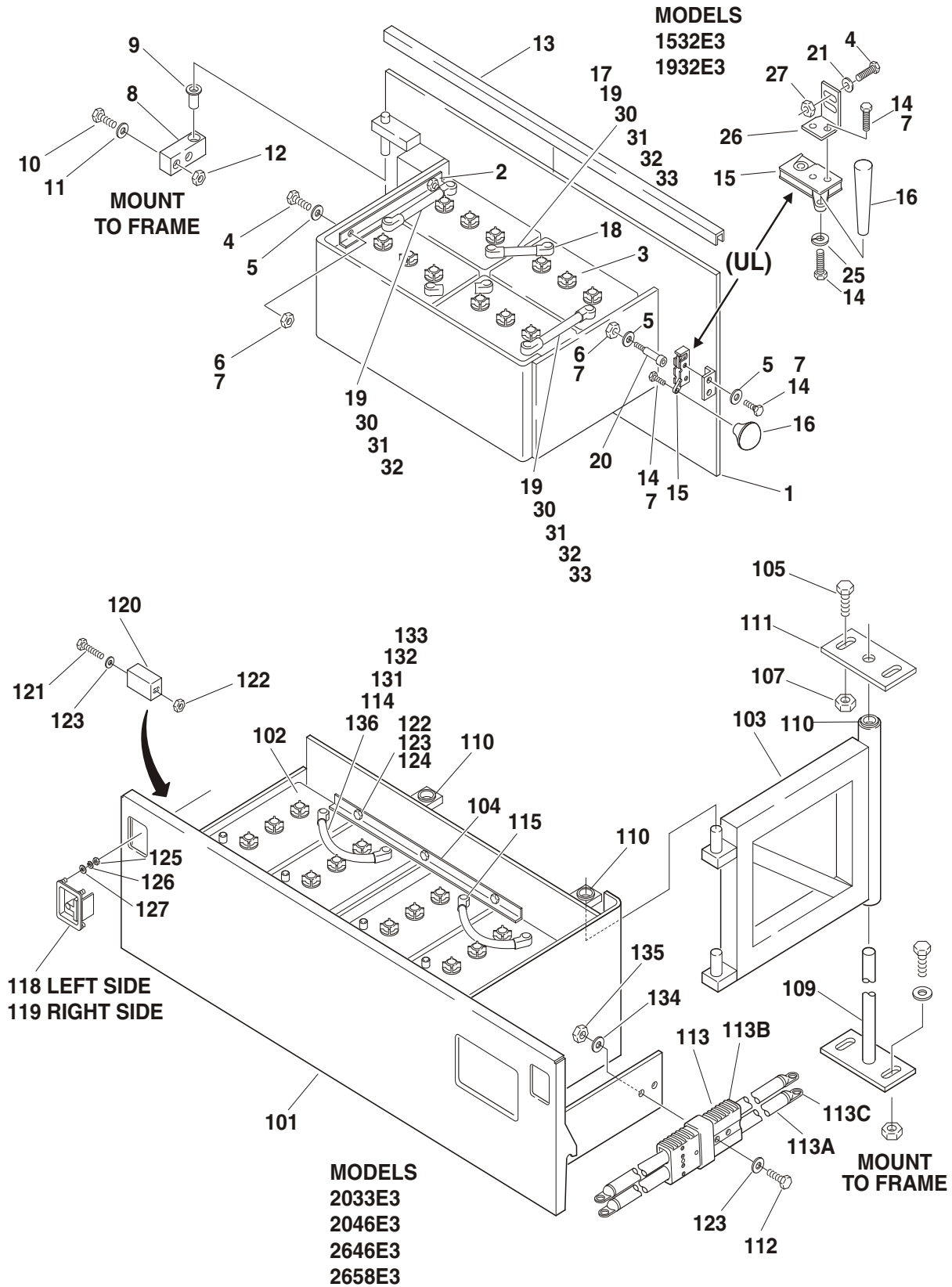
SECTION 2 GROUND COMPONENTS

FIGURE 2-4. ELECTRICAL COMPONENTS INSTALLATIONS (AT GROUND CONTROLS)
(CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

SECTION 2 GROUND COMPONENTS

FIGURE 2-5. BATTERY INSTALLATIONS



SECTION 2 GROUND COMPONENTS

FIGURE 2-5. BATTERY INSTALLATIONS

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BATTERY INSTALLATIONS - 1532E3/1932E3	Ref.	
	0258960	Standard Machines	Ref.	4
	0258961	UL Machines	Ref.	5
1	1780290	Battery Door Weldment	1	
2	0181880	Angle, Mounting	2	
3		Battery Options:	4	
	Use 0400215	(Prior to S/N 0200112192)(was p/n 0400169)		
	0400215	(S/N 0200112192 to Present)		
4	0641408	Bolt 1/4"-20NC x 1"	2	
5	4751400	Flatwasher 1/4" (Prior to S/N 0200111444)	11	
6	3311401	Nut 1/4"-20NC (Prior to S/N 0200111444)	4	
7	0100011	Loctite #242	A/R	
8	0362566	Bar, Hinge	2	
9	0962004	Bushing, Flanged Bronze	2	
10	0641816	Bolt 1/2"-13NC x 2"	4	
11	4751800	Flatwasher 1/2"	8	
12	3311801	Nut 1/2"-13NC	4	
13	3960389	Seal	34"/86.4cm	
14	0641406	1/4"-20NC x 3/4"	7	
15	2940098	Latch	1	
16	2560137	Knob	1	
17	1060711	Cable - 12in/30.5cm (Prior to S/N 0200081384)	1	
18	0840031	Boot (Right Hand)	8	
19		Cable - 9in/23cm Options:	3	
	Use 1061017	(Prior to S/N 0200112192) (Was P/N 1060665)		
	1061017	(S/N 0200112192 to Present)		
20	Not Used			
21	4711400	Flatwasher 1/4" - Narrow	12	
22	2820088	Phenolic 10 x 20 x 1/16 (Not Shown - UL Machines Only)	4	
23	2820084	Phenolic 10 x 8 x 1/16 (Not Shown - UL Machines Only)	2	
24	4240084	Static Strap (Not Shown - UL Machines Only)	1	
25	4761400	Lockwasher 1/4"	1	
26	0902365	Bracket, Latch Mounting	1	
27	3311405	Locknut 1/4"-20NC	6	
28		Hardware Options (Not Shown - UL Machines Only):	4	
	3941404	Self-Tapping 1/4" x 1/2" (Prior to S/N 0200097289)		
	3820020	Pop Rivet (S/N 0200097289 to Present)		
29		Flatwasher Options (Not Shown - UL Machines Only):	4	
	4751400	Flatwasher 1/4" (Prior to S/N 0200097289)		
	4751000	Flatwasher #10 (S/N 0200097289 to Present)		
30	3300429	Nut 5/16"-18NC Stainless (Prior to S/N 0200112192)	8	
31	4740474	Lockwasher 5/16" Stainless (Prior to S/N 0200112192)	8	
32	0630526	Bolt 5/16"-18NC x 1 1/4" Stainless (Prior to S/N 0200112192)	8	
33	0100051	Grease, Battery	A/R	

SECTION 2 GROUND COMPONENTS

FIGURE 2-5. BATTERY INSTALLATIONS (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BATTERY INSTALLATIONS - 2033E3/2046E3/2646E3/2658E3	Ref.	
	0258611	Standard Machines	Ref.	7
	0258619	Hi Output Machines	Ref.	8
	0258106	UL Machines - 2033E3/2046E3/2646E3	Ref.	8
	0258107	UL Machines - 2658E3	Ref.	8
	0258625	UL Hi Output - 2033E3/2046E3/2646E3	Ref.	8
	0258624	UL Hi Output - 2658E3	Ref.	8
101	4845802	Battery Door Weldment	1	
102		Battery Options:		
	0400169	Battery - Standard	4	
		Battery - UL Options:	4	
	Use 0400215	(Prior to S/N 0200112192) (was p/n 0400169)		
	0400215	(S/N 0200112192 to Present)		
		Battery - Hi Output Options:	4	
	Use 0400216	(Prior to S/N 0200112192) (was p/n 0400151)		
	0400216	(S/N 0200112192 to Present)		
103	4845873	Hinge	2	
104	0181622	Angle, Battery Hold-down	1	
105	0791608	Bolt 3/8"-16NC x 1"	8	
106	Not Used			
107	3311608	Locknut, Flanged 3/8"-16NC	8	
108	Not Used			
109	4845130	Hinge	2	
110	0962004	Bushing, Flanged Bronze	8	
111	3538844	Plate	2	
112	0641412	Bolt 1/4"-20 x 1 1/2"	2	
113	1060710	Cable, Battery	1	
113A	1060243	Cable	9ft/2.74m	
113B	4460778	Connector, Anderson	2	
113C	4460443	Terminal Eyelet	4	
114		Cable, Battery Options:	3	
	Use 1061017	(Prior to S/N 0200112192) (was p/n 1060665)		
	1061017	(S/N 0200112192 to Present)		
115	0840031	Boot, Terminal	8	
116	2820084	Phenolic 10 x 10 x 1/16 (Not Shown - UL Machines Only)	10	
117	2820098	Phenolic 6 x 30 x 1/16 (Not Shown - UL Machines Only) (2658E3)	1	
	2820087	Phenolic 10 x 30 x 1/16 (Not Shown - UL Machines Only) (2033E3/2046E3/2646E3)	1	
118	2940100	Latch, Folding T-Handle (Left Side)	1	
119	2940101	Latch, Folding T-Handle (Right Side)	1	
120	4220166	Stop, Door	1	
121	0641424	Bolt 1/4"-20NC x 1"	1	
122	3311405	Locknut 1/4"-20NC	4	
123	4711400	Flatwasher 1/4" Narrow	14	
124	0641408	Bolt 1/4"-20NC x 1"	3	
125	3311001	Nut #10-24NC (Standard Machines Only)	8	

SECTION 2 GROUND COMPONENTS

FIGURE 2-5. BATTERY INSTALLATIONS (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	3311005	Locknut #10-24NC (UL Machines Only)	8	
126	4751000	Flatwasher #10	8	
127	4761000	Lockwasher #10 (Standard Machines Only)	8	
128	3820020	Pop Rivet (Not Shown UL Machines Only)	A/R	
129	4751000	Flatwasher #10 (Not Shown UL Machines Only)	A/R	
130	2820094	Phenolic 3 1/2 x 30 x 1/16 (Not Shown - UL Machines Only) (2658E3)	1	
131	3300429	Nut 5/16"-18NC (Prior to S/N 0200112192)	8	
132	4740474	Lockwasher 5/16" (Prior to S/N 0200112192)	8	
133	0630526	Bolt 5/16"-18NC x 1 1/4" (Prior to S/N 0200112192)	8	
134	4761400	Lockwasher 1/4"	2	
135	3311401	Nut 1/4"-20NC	2	
136	0100051	Grease, Battery	A/R	

SECTION 2 GROUND COMPONENTS

FIGURE 2-5. BATTERY INSTALLATIONS (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

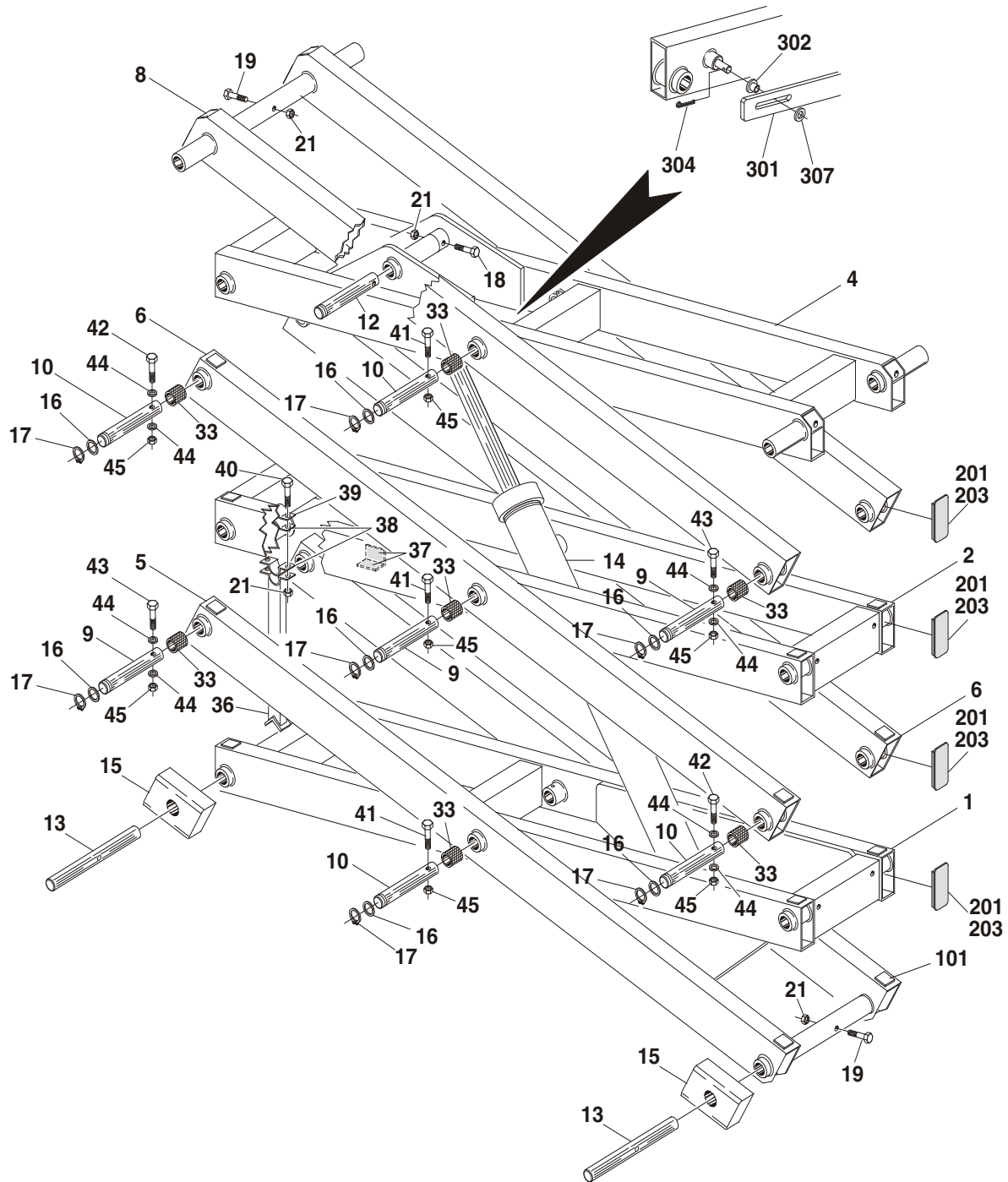
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SECTION 3 SCISSOR ARMS

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FIGURE 3-1. SCISSOR ARMS INSTALLATION - 1532E3



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FIGURE 3-1. SCISSOR ARMS INSTALLATION - 1532E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258173	SCISSOR ARMS INSTALLATION - 1532E3	Ref.	7/G
1	0200598	Arm Weldment (Bottom Inboard)	1	
2	0200599	Arm Weldment (Lower Mid Inboard)	1	
3	Not Used			
4	0200618	Arm Weldment (Top Inboard)	1	
5	0200602	Arm Weldment (Bottom Outboard)	1	
6	0200603	Arm Weldment (Mid Outboard)	2	
7	Not Used			
8	0200619	Arm Weldment (Top Outboard)	1	
9		Pin Options:	6	
	Use 3422951	Prior to S/N 0200101173 (p/n was 3422697)		
	3422951	S/N 0200101173 to Present		
10	3422698	Pin	8	
11	Not Used			
12	3422496	Pin	2	
13	3422495	Pin	2	
14	1683500	Lift Cylinder Assembly (See Section 5 for Breakdown)	1	
15	3340629	Pad, Slide Block	4	
16	4740438	Washer, Special	14	
17	3760387	Ring, Retaining	14	
18	0641522	Bolt 5/16"-18NC x 2 3/4"	2	
19	0641520	Bolt 5/16"-18NC x 2 1/2"	2	
20	Not Used			
21	3311505	Locknut 5/16"-18NC	5	
22 to 32	Not Used			
33	0962010	Bushing	14	
34	Not Used			
35	Not Used			
36	4846024	Weldment, Safety Prop	1	
37	3340841	Pad,	3	
38	4240125	Strap	2	
39	4240128	Strap	1	
40	0641508	Bolt 5/16"-18NC x 1"	2	
41	0641620	Bolt 3/8"-16NC x 2 1/2"	6	
42	0641624	Bolt 3/8"-16NC x 3"	4	
43	0641628	Bolt 3/8"-16NC x 3 1/2"	4	
44	4711600	Washer 3/8"	16	
45	3311605	Locknut 3/8"-16NC	14	

	2902103	Kit, Arm (Includes Items 1,2,4,5,6 & 8)	1	
	0252586	ARM PADS INSTALLATION	Ref.	3
101	3340841	Pad	16	

SECTION 3 SCISSOR ARMS

FIGURE 3-1. SCISSOR ARMS INSTALLATION - 1532E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258907	ARM CAPS INSTALLATION	Ref.	2/B
201	1120503	Cap	16	
202	Not Used			
203	0100081	Loctite #454		
	0258114	CABLE/HOSE CLAMPS INSTALLATION	Ref.	5/D
301	3571108	Cable Tie, Bent	1	
302	4740480	Plastic Insert	2	
303	4460071	Strain Relief (Not Shown - Located on Platform) (Prior to S/N 0200071187 Only)	1	
304	3450304	Pin, Cotter	2	
305	4240033	Tie Strap 7.5" (Not Shown)	10	
306	4240018	Tie Strap 15" (Not Shown)	9	
307	4751600	Washer 3/8" Wide	2	
308	2820025	Plastic, Spring Guard (Prior to S/N 0200061642 Only)	A/R	
309	2540002	Loom (S/N 0200082955 to Present) (Not Shown)	6in/15.2cm	
310	1320061	Clamp (S/N 0200082955 to Present) (Not Shown)	2	
311	4240127	Tie Strap 21" (Not Shown)	4	
312	4060807	Shield, Flexible Trim (Not Shown)	1.3ft/.4m	

SECTION 3 SCISSOR ARMS

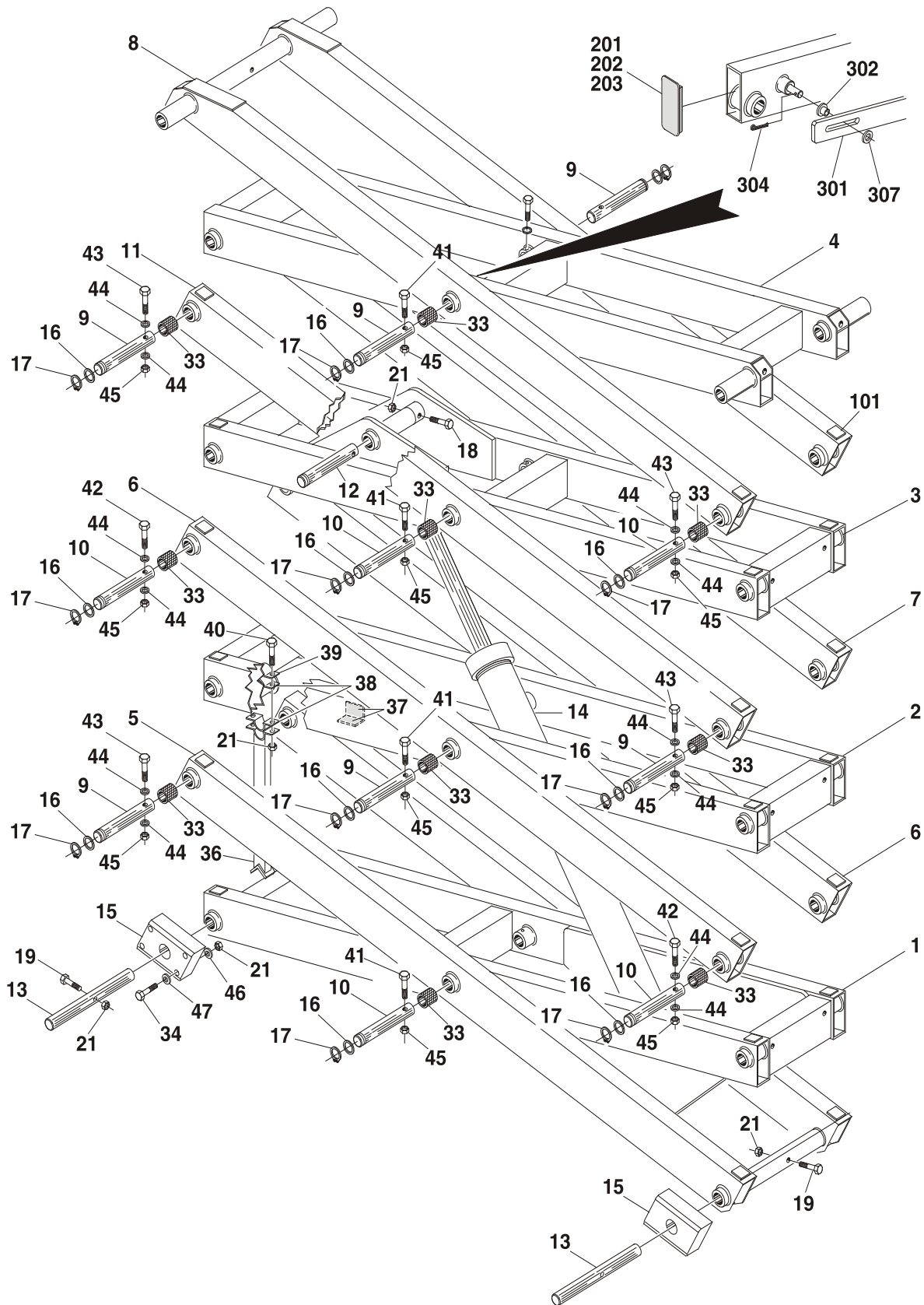
FIGURE 3-1. SCISSOR ARMS INSTALLATION - 1532E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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SECTION 3 SCISSOR ARMS

FIGURE 3-2. SCISSOR ARMS INSTALLATION - 1932E3



SECTION 3 SCISSOR ARMS

FIGURE 3-2. SCISSOR ARMS INSTALLATION - 1932E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258174	SCISSOR ARMS INSTALLATION - 1932E3	Ref.	6/G
1	0200643	Arm Weldment (Bottom Inboard)	1	
2	0200599	Arm Weldment (Lower Mid Inboard)	1	
3	0200600	Arm Weldment (Upper Mid Inboard)	1	
4	0200601	Arm Weldment (Top Inboard)	1	
5	0200602	Arm Weldment (Bottom Outboard)	1	
6	0200644	Arm Weldment (Mid Outboard)	2	
7	0200641	Arm Weldment (Mid Outboard)	1	
8	0200604	Arm Weldment (Top Outboard)	1	
9		Pin Options:	10	
	Use 3422951	Prior to S/N 0200101173 (p/n was 3422697)		
	3422951	S/N 0200101173 to Present		
10	3422698	Pin	10	
11	0200642	Arm Weldment (Mid Outboard)	1	
12	3422496	Pin	2	
13	3422495	Pin	2	
14	1683500	Lift Cylinder Assembly (See Section 5 for Breakdown)	1	
15	3340629	Pad, Slide Block	4	
16	4740438	Washer, Special	20	
17	3760387	Ring, Retaining	20	
18	0641522	Bolt 5/16"-18NC x 2 3/4"	2	
19	0641520	Bolt 5/16"-18NC x 2 1/2"	2	
20	Not Used			
21	3311505	Locknut 5/16"-18NC	14	
22 to 32	Not Used			
33	0962010	Bushing, Excelite	20	
34	0641524	Bolt 5/16"-18NC x 3"	8	
35	Not Used			
36	4846024	Weldment, Safety Prop	1	
37	3340841	Pad,	3	
38	4240125	Strap	2	
39	4240128	Strap	1	
40	0641508	Bolt 5/16"-18NC x 1"	2	
41	0641620	Bolt 3/8"-16NC x 2 1/2"	8	
42	0641624	Bolt 3/8"-16NC x 3"	4	
43	0641628	Bolt 3/8"-16NC x 3 1/2"	8	
44	4711600	Flatwasher 3/8"	24	
45	3311605	Locknut 3/8"-16NC	20	
46	4751500	Flatwasher 5/16"	8	
47	4711500	Flatwasher 5/16" Narrow	8	
		— — — — —		
	2902104	Kit, Arm (Includes Items 1 - 8)	1	
	0252587	ARM PADS INSTALLATION	Ref.	3
101	3340841	Pad	24	

SECTION 3 SCISSOR ARMS

FIGURE 3-2. SCISSOR ARMS INSTALLATION - 1932E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258908	ARM CAPS INSTALLATION	Ref.	3/B
201	1120503	1/8" Wall Thickness Arm Tube - Cap	10	
202	1120518	3/16" Wall Thickness Arm Tube - Cap	14	
203	0100084	Adhesive, HV2200 Rubber	A/R	
	0258115	CABLE/HOSE CLAMPS INSTALLATION	Ref.	5/D
301	3571108	Cable Tie, Bent	2	
302	4740480	Plastic Insert	4	
303	4460071	Strain Relief (Not Shown - Located on Platform) (Prior to S/N 0200071187 Only)	1	
304	3450304	Pin, Cotter	4	
305	4240033	Tie Strap 7.5" (Not Shown)	19	
306	4240018	Tie Strap 15" (Not Shown)	6	
307	4751600	Washer 3/8" Wide	4	
308	2820025	Plastic, Spring Guard (Prior to S/N 0200061642 Only)	A/R	
309	2540002	Loom (S/N 0200082955 to Present) (Not Shown)	6in/15.2cm	
310	1320061	Clamp (S/N 0200082955 to Present) (Not Shown)	2	
311	4240127	Tie Strap 21" (Not Shown)	4	
312	4060807	Shield, Flexible Trim (Not Shown)	1.3ft/.4m	

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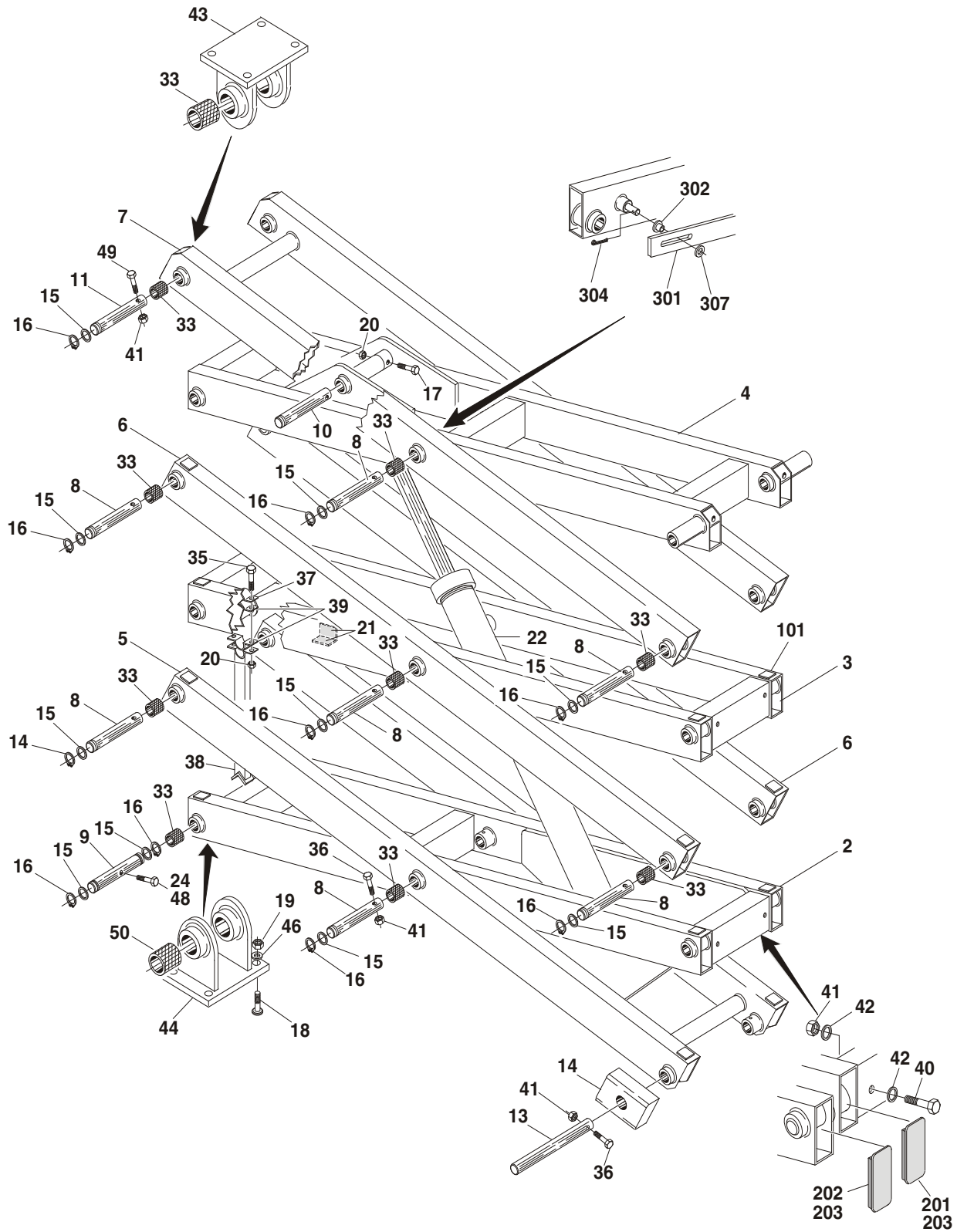
FIGURE 3-2. SCISSOR ARMS INSTALLATION - 1932E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 3-3. SCISSOR ARMS INSTALLATION - 2033E3



SECTION 3 SCISSOR ARMS

FIGURE 3-3. SCISSOR ARMS INSTALLATION - 2033E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		SCISSOR ARMS INSTALLATION - 2033E3	Ref.	
	0258083	Standard Machines without Power Deck	Ref.	8
	0259369	Standard Machines with Power Deck	Ref.	5
	0258778	1000# Capacity Machines	Ref.	8
1	Not Used			
2		Arm Weldment (Lower Inboard) Options:	1	
	0200565	Standard Machines		
	0200624	1000# Capacity Machines		
3	0200566	Arm Weldment (Mid Inboard)	1	
4		Arm Weldment (Upper Inboard) Options:	1	
	0200567	Machines without Power Deck		
	0200670	Machines with Power Deck		
5		Arm Weldment (Bottom Outboard) Options:	1	
	0200568	Standard Machines		
	0200623	1000# Capacity Machines		
6	0200569	Arm Weldment (Mid Outboard)	2	
7	0200570	Arm Weldment (Top Outboard)	1	
8	3422711	Pin	14	
9	3422712	Pin	2	
10	3422714	Pin	2	
11	3422713	Pin	2	
12	Not Used			
13	3422709	Pin	2	
14	3340629	Pad, Slide Block	2	
15	4740438	Washer, Special	18	
16	3760387	Ring, Retaining	18	
17	0641522	Bolt 5/16"-18NC x 2 3/4"	2	
18	0630523	Bolt	8	
19	3321801	Nut	8	
20	3311505	Locknut 5/16"-18NC	4	
21	3340841	Pad,	3	
22	1683627	Lift Cylinder Assembly (See Section 5 for Breakdown)	1	
23 to 32	Not Used			
33	0962220	Bushing, Garmax	32	
34	Not Used			
35	0641508	Bolt 5/16"-18NC x 1"	2	
36	0641620	Bolt 3/8"-16NC x 2 1/2"	8	
37	4240128	Strap	1	
38	4846024	Weldment, Safety Prop	1	
39	4240125	Strap	2	
40	0641638	Bolt 3/8"-16NC x 4 3/4"	8	
41	3311605	Locknut 3/8"-16NC	16	
42	4711600	Flatwasher 3/8" Narrow	18	
43	4845560	Weldment, Stationary Pivot (Top)	2	
44	4845559	Weldment, Stationary Pivot (Bottom)	2	
45	Not Used			
46	4711800	Flatwasher	8	

SECTION 3 SCISSOR ARMS

FIGURE 3-3. SCISSOR ARMS INSTALLATION - 2033E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
47	4240033	Tie Strap (Not Shown)	3	
48	0681610	Bolt 3/8"-16NC x 1 1/4"	2	
49	0641618	Bolt 3/8"-16NC x 2 1/4"	2	
50	0962234	Bushing, Garmax	4	

		Kit, Arm Options (Includes Items 2 - 7):	1	
	2902105	Standard Machines without Power Deck		
	2902109	Standard Machines with Power Deck		
	2902106	1000# Capacity Machines		
	0252586	ARM PADS INSTALLATION	Ref.	3
101	3340841	Pad	16	
	0258120	ARM CAPS INSTALLATION	Ref.	3
201	1120500	3/16" Wall Thickness Arm Tube - Cap	14	
202	1120501	1/4" Wall Thickness Arm Tube - Cap	2	
203	0100084	Adhesive, HV2200 Rubber	A/R	
		CABLE/HOSE CLAMPS INSTALLATIONS	Ref.	
	0258116	Prior to S/N 0200056690	Ref.	4/D
	0259313	S/N 0200056690 to Present	Ref.	4/C
301	0362801	Bar, Cable Rod	2	
302	4740480	Plastic Insert	4	
303	4460071	Strain Relief (Not Shown - Located on Platform) (Prior to S/N 0200082955)	1	
304	3450404	Pin, Cotter	4	
305	4240033	Tie Strap 7.5" (Not Shown)	16	
306	4240018	Tie Strap 15" (Not Shown)	8	
307	4751500	Washer 5/16" Wide	4	
308	1320061	Clamp (Not Shown - Located on Platform)	2	
309	2540002	Loom (S/N 0200082955 to Present) (Not Shown)	6in/15.2cm	
310	4240127	Tie Strap 21" (Not Shown)	3	
311	4060807	Shield, Flexible Trim (Not Shown)	1.3ft/.4m	
312	0641406	Bolt, 1/4-20NC x 3/4" (Not Shown)	2	
313	3311405	Lock Nut (Not Shown)	2	

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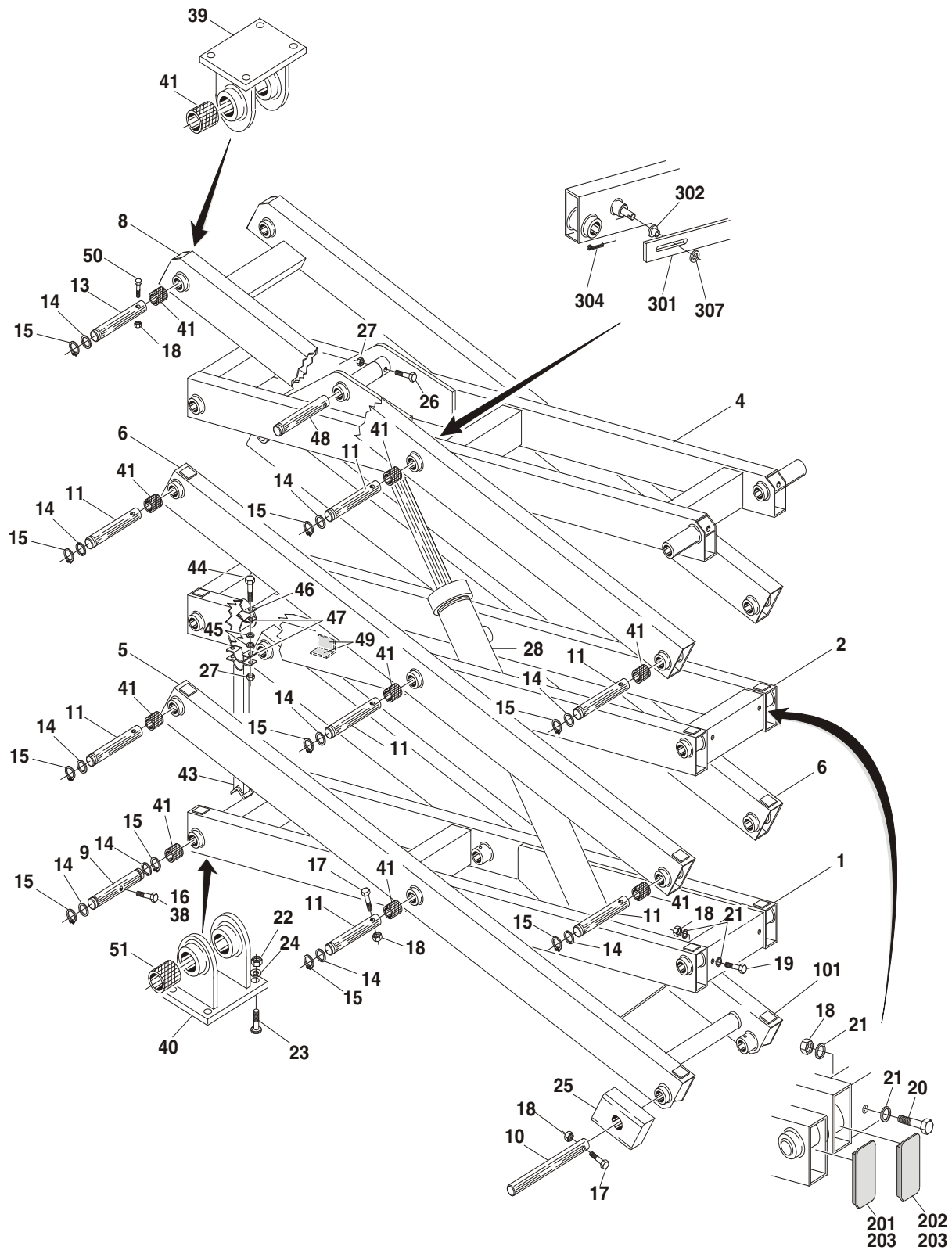
FIGURE 3-3. SCISSOR ARMS INSTALLATION - 2033E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 3-4. SCISSOR ARMS INSTALLATION - 2046E3



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FIGURE 3-4. SCISSOR ARMS INSTALLATION - 2046E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		SCISSOR ARMS INSTALLATION - 2046E3	Ref.	
	0258084	Standard Machines without Power Deck	Ref.	9
	0259370	Standard Machines with Power Deck	Ref.	5
1	0200626	Arm Weldment (Lower Inboard)	1	
2	0200588	Arm Weldment (Mid Inboard)	1	
3	Not Used			
4		Arm Weldment (Upper Inboard) Options:	1	
	0200625	Machines without Power Deck		
	0200671	Machines with Power Deck		
5	0200589	Arm Weldment (Bottom Outboard)	1	
6	0200569	Arm Weldment (Mid Outboard)	2	
7	Not Used			
8	0200590	Arm Weldment (Top Outboard)	1	
9	3422712	Pin	2	
10	3422709	Pin	2	
11	3422711	Pin	14	
12	Not Used			
13	3422713	Pin	2	
14	4740438	Washer, Special	18	
15	3760387	Ring, Retaining	18	
16	0681610	Bolt 3/8"-16NC x 1 1/4"	2	
17	0641620	Bolt 3/8"-16NC x 2 1/2"	8	
18	3311605	Locknut 3/8"-16NC	18	
19	0641630	Bolt 3/8"-16NC x 3 3/4"	2	
20	0641638	Bolt 3/8"-16NC x 4 3/4"	6	
21	4711600	Flatwasher	16	
22	3321801	Nut	8	
23	0630523	Bolt	8	
24	4711800	Flatwasher 1/2"	8	
25	3340629	Pad, Slide Block	2	
26	0641522	Bolt 5/16"-18NC x 2 3/4"	2	
27	3311505	Locknut 5/16"-18NC	6	
28	1683627	Lift Cylinder Assembly (See Section 5 for Breakdown)	1	
29 to 37	Not Used			
38	0100011	Loctite #242	A/R	
39	4845560	Weldment, Stationary Pivot (Top)	2	
40	4845559	Weldment, Stationary Pivot (Bottom)	2	
41	0962220	Bushing, Garmax	32	
42	Not Used			
43	4845849	Weldment, Safety Prop	1	
44	0641508	Bolt 5/16"-18NC x 1"	4	
45	4711500	Flatwasher 5/16" Narrow	4	
46	4240128	Strap	2	
47	4240125	Strap	4	
48	3422485	Pin	2	
49	3340841	Pad, PVC	3	
50	0641618	Bolt 3/8"-16NC x 2 1/4"	2	

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FIGURE 3-4. SCISSOR ARMS INSTALLATION - 2046E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
51	0962234	Bushing, Garmax -----	4	
		Kit, Arm Options (Includes Items 1,2,4,5,6 & 8):	1	
	2902107	Standard Machines without Power Deck		
	2902110	Standard Machines with Power Deck		
	0252586	ARM PADS INSTALLATION	Ref.	3
101	3340841	Pad	16	
	0258120	ARM CAPS INSTALLATION	Ref.	3
201	1120500	3/16" Wall Thickness Arm Tube - Cap	14	
202	1120501	1/4" Wall Thickness Arm Tube - Cap	2	
203	0100084	Adhesive, HV2200 Rubber	A/R	
	0258116	CABLE/HOSE CLAMPS INSTALLATION	Ref.	4/D
301	0362801	Bar, Cable Rod	1	
302	4740480	Plastic Insert	2	
303	4460071	Strain Relief (Not Shown - Located on Platform) (Prior to S/N 0200082955 Only)	1	
304	3450304	Pin, Cotter	2	
305	4240033	Tie Strap 7.5" (Not Shown)	14	
306	4240018	Tie Strap 15" (Not Shown)	8	
307	4751500	Washer 5/16" Wide	2	
308	1320061	Clamp (Not Shown - Located on Platform)	A/R	
309	2540002	Loom (S/N 0200082955 to Present) (Not Shown)	6in/15.2cm	
310	4240127	Tie Strap 21" (Not Shown)	3	
311	4060807	Shield, Flexible Trim (Not Shown)	1.3ft/.4m	
312	0641406	Bolt, 1/4-20NC x 3/4" (Not Shown)	2	
313	3311405	Lock Nut (Not Shown)	2	

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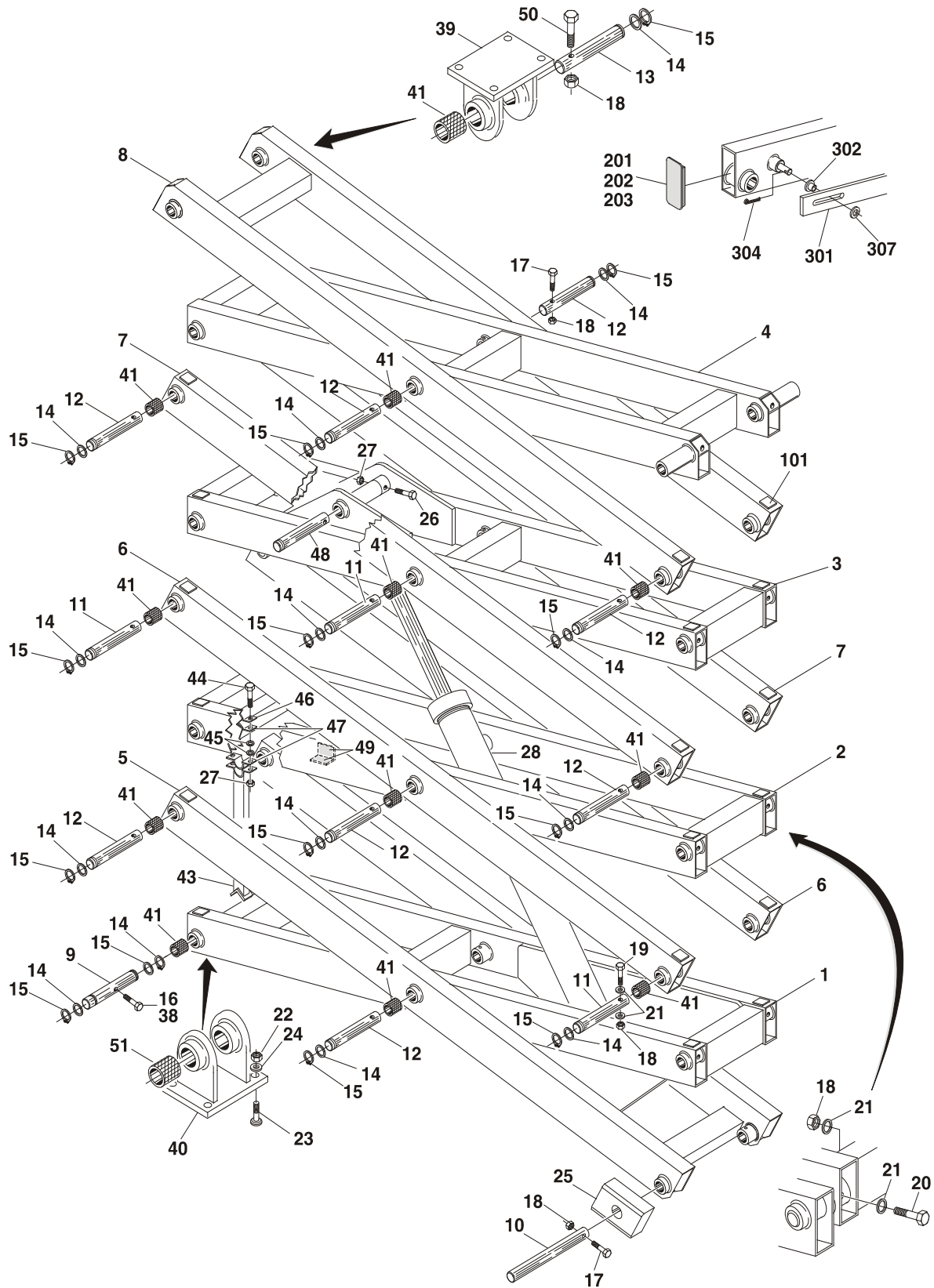
FIGURE 3-4. SCISSOR ARMS INSTALLATION - 2046E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 3-5. SCISSOR ARMS INSTALLATION - 2646E3/2658E3



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FIGURE 3-5. SCISSOR ARMS INSTALLATION - 2646E3/2658E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		SCISSOR ARMS INSTALLATION - 2646E3/2658E3	Ref.	
	0258085	Machines without Power Deck	Ref.	10
	0259371	Machines with Power Deck	Ref.	6
1	0200593	Arm Weldment (Lower Inboard)	1	
2	0200588	Arm Weldment (Mid Inboard)	1	
3	0200597	Arm Weldment (Mid Upper Inboard)	1	
4		Arm Weldment (Upper Inboard) Options:	1	
	0200592	Machines without Power Deck		
	0200672	Machines with Power Deck		
5	0200589	Arm Weldment (Bottom Outboard)	1	
6	0200569	Arm Weldment (Mid Outboard)	2	
7	0200596	Arm Weldment (Mid Outboard)	2	
8	0200590	Arm Weldment (Top Outboard)	1	
9	3422712	Pin	2	
10	3422709	Pin	2	
11	3422751	Pin	6	
12	3422711	Pin	14	
13		Pin Options:	2	
	3422713	Machines without Power Deck		
	Not Required	Machines with Power Deck		
14	4740438	Washer, Special	24	
15	3760387	Ring, Retaining	24	
16	0681610	Bolt 3/8"-16NC x 1 1/4"	2	
17	0641620	Bolt 3/8"-16NC x 2 1/2"	10	
18	3311605	Locknut 3/8"-16NC	24	
19	0641630	Bolt 3/8"-16NC x 3 3/4"	2	
20	0641638	Bolt 3/8"-16NC x 4 3/4"	10	
21	4711600	Flatwasher 3/8" Narrow	24	
22	3321801	Nut	8	
23	0630523	Bolt	8	
24	4711800	Flatwasher 1/2"	8	
25	3340629	Pad, Slide Block	2	
26	0641522	Bolt 5/16"-18NC x 2 3/4"	2	
27	3311505	Locknut 5/16"-18NC	6	
28	1683628	Lift Cylinder Assembly (See Section 5 for Breakdown)	1	
29 to 37	Not Used			
38	0100011	Loctite #242	A/R	
39		Weldment, Stationary Pivot (Top) Options:	2	
	4845560	Machines without Power Deck		
	Not Required	Machines with Power Deck		
40	4845559	Weldment, Stationary Pivot (Bottom)	2	
41	0962220	Bushing, Garmax	44	
42	Not Used			
43	4845849	Weldment, Safety Prop	1	
44	0641508	Bolt 5/16"-18NC x 1"	4	
45	4711500	Flatwasher 5/16" Narrow	4	
46	4240128	Strap	2	

SECTION 3 SCISSOR ARMS

FIGURE 3-5. SCISSOR ARMS INSTALLATION - 2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
47	4240125	Strap	4	
48	3422485	Pin	2	
49	3340841	Pad, PVC	3	
50	0641618	Bolt 3/8"-16NC x 2 1/4"	2	
51	0962234	Bushing, Garmax	4	

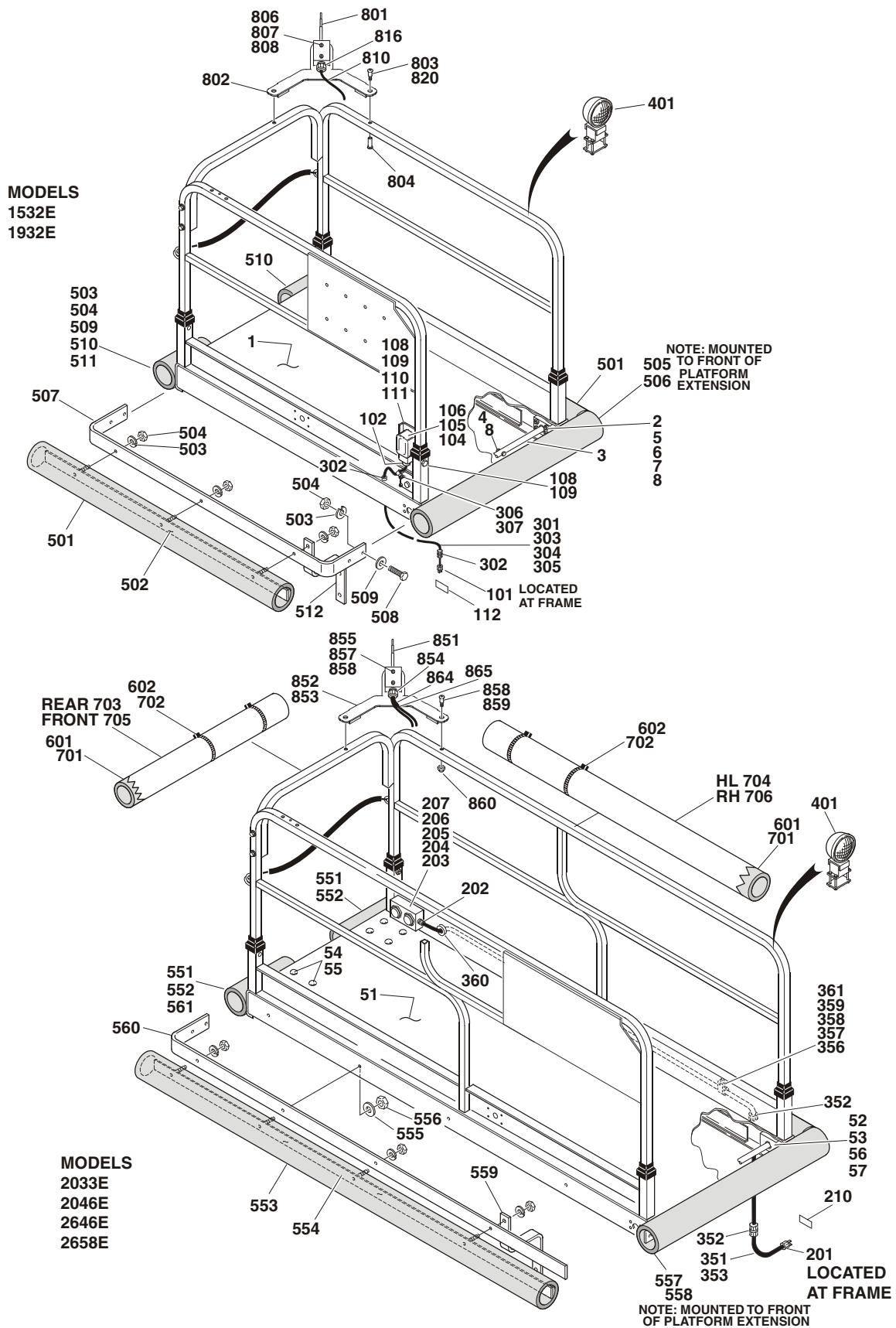
		Kit, Arm Options (Includes Items 1 - 8):	1	
	2902108	Machines without Power Deck		
	2902111	Machines with Power Deck		
	0252587	ARM PADS INSTALLATION	Ref.	3
101	3340841	Pad	24	
	0258121	ARM CAPS INSTALLATION	Ref.	3
201	1120500	3/16" Wall Thickness Arm Tube - Cap	14	
202	1120501	1/4" Wall Thickness Arm Tube - Cap	10	
203	0100084	Adhesive, HV2200 Rubber	A/R	
	0258117	CABLE/HOSE CLAMPS INSTALLATION (2646E3)	Ref.	7
	0259218	CABLE/HOSE CLAMPS INSTALLATION (2658E3)	Ref.	6
301	0362801	Bar, Cable Rod	2	
302	4740480	Plastic Insert	4	
303		Strain Relief Options (Not Shown - Located on Platform):	1	
	Use 4460071	Prior to S/N 0200063629 (Was p/n 4460049)		
	4460071	S/N 0200063629 to S/N 0200082955		
304	3450304	Pin, Cotter	4	
305	4240033	Tie Strap 7.5" (Not Shown)	24	
306	4240018	Tie Strap 15" (Not Shown)	3	
307	4711500	Flatwasher 5/16" Narrow	4	
308	1320061	Clamp (Not Shown - Located on Platform)	1	
309	2540002	Loom (S/N 0200082955 to Present) (Not Shown)	1ft/0.30m	
310	4060807	Shield, Flex Trim (Not Shown) (2658E3 Only) (Prior to S/N 0200082955)	0.4ft/1.0cm	
311	0641406	Bolt 1/4"-20NC x 3/4" (S/N 0200099108 to Present) (Not Shown - Located on Frame)	2	
312	3311405	Locknut 1/4"-20NC (S/N 0200099108 to Present) (Not Shown - Located on Frame)	2	
313	4240127	Tie Strap 21" (Not Shown)	3	
314	4060807	Shield, Flexible Trim (Not Shown)	1.3ft/.4m	

SECTION 4 PLATFORM

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FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION



SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
1		PLATFORM INSTALLATIONS - 1532E3/1932E3	Ref.	
		Note: Replacement decals must be ordered separately - See Section 8.	Ref.	
	0258178	1532E3/1932E3 (Standard)	Ref.	3
	0258176	1532E3 (With Anchor Rings)	Ref.	2
	0258179	1932E3 (With Anchor Rings)	Ref.	2
		Platform Assembly W/Extension Options:		
	3510688	1532E3/1932E3 (Standard)	1	
	3510659	1532E3 (With Anchor Rings)	1	
	3510659	1932E3 (With Anchor Rings)	1	
	2	3340629	Block, Slide Pad	4
	3	3422733	Pin, Attach	2
	4	0681520	Bolt 5/16"-18NC x 2 1/2"	2
	5	0641522	Bolt 5/16"-18NC x 2 3/4"	8
	6	4751500	Flatwasher 5/16"	8
	7	4711500	Flatwasher 5/16" Narrow	8
	8	3311505	Locknut 5/16"-18NC	10
51		PLATFORM INSTALLATIONS - 2033E3/2046E3/2646E3/2658E3	Ref.	
		Note: Replacement decals must be ordered separately - See Section 8.	Ref.	
	0258091	2033E3 (Standard)	Ref.	2
	0258092	2033E3 (With Anchor Rings)	Ref.	2
	0258093	2046E3/2646E3 (Standard)	Ref.	2
	0258094	2046E3/2646E3 (With Anchor Rings)	Ref.	2
	0258095	2658E3 (Standard)	Ref.	2
	0258096	2658E3 (With Anchor Rings)	Ref.	2
		Platform Assembly W/Extension Options:	1	
	3510697	2033E3 (Standard)		
	3510663	2033E3 (With Anchor Rings)		
	3510698	2046E3/2646E3 (Standard)		
	3510665	2046E3/2646E3 (With Anchor Rings)		
	3510699	2658E3 (Standard)		
	3510667	2658E3 (With Anchor Rings)		
52	0561332	Block, Slide Pad	2	
53	3422655	Pin, Attach	2	
54	0630485	Bolt 3/8"-16NC x 1"	A/R	
55	3311605	Locknut 3/8"-16NC	A/R	
56	0681610	Bolt 3/8"-16NC x 1 1/4"	2	
57	0100011	Loctite #242	A/R	

SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		110 VOLT RECEPTACLE INSTALLATIONS - 1532E3/1932E3 (OPTIONAL)	Ref.	
	0258267	1532E3/1932E3 (Standard Option)	Ref.	3
	0258269	1532E3/1932E3 (G.F.I. Receptacle)	Ref.	3
	0258268	1532E3/1932E3 (UL Machines)	Ref.	3
	0258270	1532E3/1932E3 (Export)	Ref.	4
101		Connector, Plug Options:		
	4460138	(Standard/G.F.I./UL)	1	
	Not Available	(Export)		
102	4460051	Connector	1	
103	Not Used		2	
104	0860038	Box, Receptacle	1	
105		Terminal, Receptacle Options:		
	4460190	(Standard)	1	
	4460347	(UL Isolated Ground)	1	
	4460346	(G.F.I.)	1	
	Not Available	(Export)		
106		Shield, Weatherproof Cover Options:		
	4060092	(Standard/UL)	1	
	4060700	(G.F.I.)	1	
	Not Available	(Export)		
107	Not Used			
108	4751400	Flatwasher 1/4"	2	
109	3311405	Locknut 1/4"-20NC	2	
110	0641405	Bolt 1/4"-20NC x 5/8"	2	
111	3571479	Plate, Mounting - Receptacle Box	1	
112	1703464	Decal, AC Power	1	
		110 VOLT RECEPTACLE INSTALLATIONS - 2033E3/2046E3/2646E3/2658E3 (OPTIONAL)	Ref.	
	0258271	2033E3/2046E3/2646E3/2658E3 (Standard Option)	Ref.	3
	0258272	2033E3/2046E3/2646E3/2658E3 (UL Machines)	Ref.	3
	0258273	2033E3/2046E3/2646E3/2658E3 (G.F.I. Receptacle)	Ref.	3
	0258274	2033E3/2046E3/2646E3/2658E3 (Export)	Ref.	3
201		Connector, Plug Options:		
	4460138	(Standard/G.F.I./UL)	1	
	Not Available	(Export)		
202		Connector Options:		
	4460051	(Standard/G.F.I./UL)	1	
	Not Available	(Export)		
203	Not Used		2	
204	0860038	Box, Receptacle	1	
205		Terminal, Receptacle Options:		
	4460190	(Standard)	1	
	4460347	(UL)	1	
	4460346	(G.F.I.)	1	

SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
205 (cont'd)	Not Available	(Export)		
206		Shield, Weatherproof Cover Options:		
	4060092	(Standard/UL)	1	
	4060700	(G.F.I.)	1	
	Not Available	(Export)		
207	3900294	Self Drilling Screw #10-16 x 1"	4	
208	Not Used			
209	Not Used			
210		Decal, AC Power Options:		
	1703464	(Standard/G.F.I./UL)	1	
	Not Available	(Export)		
		RECEPTACLE CABLE INSTALLATIONS (OPTIONAL)	Ref.	
	0258254	1532E3	Ref.	3
	0258256	1932E3	Ref.	3
301	1060308	Cable Options:		
		1532E3	35ft/10.67m	
		1932E3	44ft/13.41m	
302	4460051	Connector	1	
303	2820025	Plastic Spring Guard (Prior to S/N 0200061642 Only)	1.5ft/.46m	
304	4240033	Tie Strap	A/R	
305	4240018	Tie Strap	A/R	
306	1320061	Clamp	1	
307	0641512	Bolt 5/16"-18NC x 1 1/2"	1	
		RECEPTACLE CABLE INSTALLATIONS (OPTIONAL)	Ref.	
	0258258	2033E3/2046E3 (Manually Operated Extension)	Ref.	3
	0258262	2033E3/2046E3 (Power Deck Extension)	Ref.	2
	0258260	2646E3/2658E3 (Manually Operated Extension)	Ref.	3
	0258263	2646E3/2658E3 (Power Deck Extension)	Ref.	2
351	1060308	Cable 12/3 Options:		
		2033E3/2046E3	48ft/14.63m	
		2646E3/2658E3	51ft/15.54m	
		2033E3/2046E3/2646E3/2658E3 (With Power Deck Extension)	51ft/15.54m	
352	4460051	Connector	1	
353	2820025	Plastic Spring Guard (Prior to S/N 0200061642 Only)	1.5ft/.46m	
354	4240033	Tie Strap (Not Shown)	A/R	
355	4240018	Tie Strap (Not Shown)	A/R	
356	1320061	Clamp	5	
357	0641505	Bolt 5/16"-18NC x 5/8"	2	
358	4751500	Flatwasher 5/16"	2	
359	3311505	Locknut 5/16"-18NC	2	
360	2540002	Grommet	A/R	
361	0641512	Bolt 5/16"-18NC x 1 1/2"	1	

SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
401		WORKLIGHTS INSTALLATIONS (OPTIONAL)	Ref.	
	0255963	1532E3 Prior to S/N 0200063475	Ref.	5
	0259463	1532E3 S/N 0200063475 to Present	Ref.	2
	0258213	1532E3 Prior to S/N 0200063475 With Folddown Rails	Ref.	1
	0259466	1532E3 S/N 0200063475 to Present With Folddown Rails	Ref.	2
	0256200	1932E3 Prior to S/N 0200063475	Ref.	4
	0259464	1932E3 S/N 0200063475 to Present	Ref.	2
	0258214	1932E3 Prior to S/N 0200063475 With Folddown Rails	Ref.	1
	0259467	1932E3 S/N 0200063475 to Present With Folddown Rails	Ref.	2
	0256198	2033E3/2046E3 Prior to S/N 0200063475	Ref.	C
	0259465	2033E3/2046E3 S/N 0200063475 to Present	Ref.	2
	0258215	2033E3/2046E3 Prior to S/N 0200063475 With Folddown Rails	Ref.	1
	0259468	2033E3/2046E3 S/N 0200063475 to Present With Folddown Rails	Ref.	2
	0270049	2033E3 S/N 0200071692 to Present With Power Deck Option	Ref.	2
	0258216	2646E3/2658E3 Prior to S/N 0200063475 With Folddown Rails	Ref.	1
	0259469	2646E3/2658E3 S/N 0200063475 to Present With Folddown Rails	Ref.	2
	2920093	Worklight Assembly	2	
	7016630	Bulb (1 Per Assembly)	2	
		Cable Options: (Not Shown)	A/R	
	1060341	1532E3 Prior to S/N 0200063475	40ft/12.2m	
	1060680	1532E3 S/N 0200063475 to Present	32ft/9.8m	
	1060341	1932E3 Prior to S/N 0200063475	48ft/14.6m	
	1060680	1932E3 S/N 0200063475 to Present	38ft/11.6m	
	1060341	2033E3/2046E3 Prior to S/N 0200063475	54ft/16.5m	
	1060680	2033E3/2046E3 S/N 0200063475 to Present	51ft/15.6m	
	1060341	2646E3/2658E3 Prior to S/N 0200063475	61ft/18.6m	
	1060680	2646E3/2658E3 S/N 0200063475 to Present	61ft/18.6m	
	4360164	Breaker, Circuit - 5 Amp (Not Shown)	1	
		Plate, Mounting Options:	2	
	3536089	Prior to S/N 0200063475		
	0901930	S/N 0200063475 to Present		
		Connector, Strain Relief (Not Shown) Options:	1	
	4460049	Prior to S/N 0200089301		
	4460071	S/N 0200089301 to Present		
	3300048	Locknut, Conduit (Not Shown)	1	
	0840025	Boot, Cable	1	

SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0254171	BUMPER PADS INSTALLATION - 1532E3/1932E3	Ref.	A
	0257398	BUMPER PADS INSTALLATION - 2033E3	Ref.	1
	0259061	BUMPER PADS POWER DECK EXTENSION INSTALLATION - 2033E3	Ref.	2
501		Pad, Bumper Options: (Side)		
	0940060	1532E3/1932E3	2	
	0940057	2033E3	2	
502		Bar, Bumper Options: (Side Outer)		
	4844586	1532E3/1932E3	2	
	4844414	2033E3	2	
503	4761400	Lockwasher 1/4" (1532E3/1932E3)	16	
504		Hardware Options:	A/R	
	3311401	Nut 1/4"-20NC 1532E3/1932E3		
	3311405	Locknut 1/4"-20NC 2033E3		
505	0940061	Pad, Bumper (Front)	1	
506	4844585	Rail, Bumper (Front Outer)	1	
507		Rail, Bumper (Inner) Options:	2	
	0362273	1532E3/1932E3		
	0362666	2033E3		
	0362831	2033E3 With Power Deck Extension		
508		Bolt Options:	4	
	0641407	Bolt 1/4"-20NC x 7/8" (1532E3/1932E3)		
	0641412	Bolt 1/4"-20NC x 1 1/2" (2033E3)		
509	4751400	Flatwasher 1/4"	20	
510	0940065	Pad, Bumper (Rear)	2	
511		Bolt Options:	4	
	0641416	Bolt 1/4"-20NC x 2"		
	0641412	Bolt 1/4"-20NC x 1 1/2" (2033E3 With Power Deck Extension)		
512	0902519	Bracket (2033E3 With Power Deck Extension)	2	
	0257367	BUMPER PADS INSTALLATION - 2046E3/2646E3	Ref.	2
	0259062	BUMPER PADS POWER DECK EXTENSION INSTALLATION - 2046E3/2646E3	Ref.	2
	0257397	BUMPER PADS INSTALLATION - 2658E3	Ref.	2
	0259063	BUMPER PADS POWER DECK EXTENSION INSTALLATION - 2658E3	Ref.	2
551		Pad, Bumper Options: (Rear)	2	
	0940080	2046E3/2646E3		
	0940081	2658E3		
552		Bar, Bumper Options: (Rear Outer)	2	
	4845496	2046E3/2646E3		
	4845497	(2658E3)		
	Not Required	With Power Deck Extension		
553	0940057	Pad, Bumper (Side)	2	
554	4844414	Rail, Bumper (Side)	2	

SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
555	4751400	Flatwasher 1/4"	A/R	
556	3311405	Locknut 1/4"-20NC	A/R	
557		Pad, Bumper Options: (Front)	1	
	0940079	2046E3/2646E3		
	0940082	(2658E3)		
558		Rail, Bumper (Front)	1	
	4845495	2046E3/2646E3		
	4845498	(2658E3)		
559	0902519	Bracket (With Power Deck Extension)	2	
560	0362831	Rail Bumper (Inner) (With Power Deck Extension)	2	
561	0641412	Bolt 1/4"-20NC x 1 1/2" (With Power Deck Extension)	6	
	0257664	TOP RAIL PADDING INSTALLATION - 2033E3/2046E3/ 2646E3/2658E3 (PRIOR TO S/N 0200070220)	Ref.	2
601	3340612	Pad	24ft/7.3m	
602	4240018	Tie Straps	A/R	
		TOP RAIL PADDING INSTALLATIONS (S/N 0200085647 TO PRESENT)	Ref.	
	0259681	2046E3	Ref.	1
	0259945	2646E3	Ref.	1
	0259682	2658E3	Ref.	1
	0270836	2033E3	Ref.	1
701	3340612	Pad Options: 2046E3/2646E3/2033E3 2658E3	A/R 22ft/6.7m 24ft/7.3m	
702	4240018	Tie Straps	A/R	
703		Cover, Rear Platform Rail Options:	1	
	1670918	2046E3/2646E3		
	1670922	2658E3		
	1670857	2033E3		
704		Cover, Left Side Platform Rail Options:	1	
	1670919	2046E3/2033E3		
	1670923	2646E3/2658E3		
705		Cover, Front Platform Rail Options:	1	
	1670920	2046E3/2646E3		
	1670924	2658E3		
	1670856	2033E3		
706		Cover, Right Side Platform Rail Options:	1	
	1670921	2046E3/2033E3		
	1670925	2646E3/2658E3		

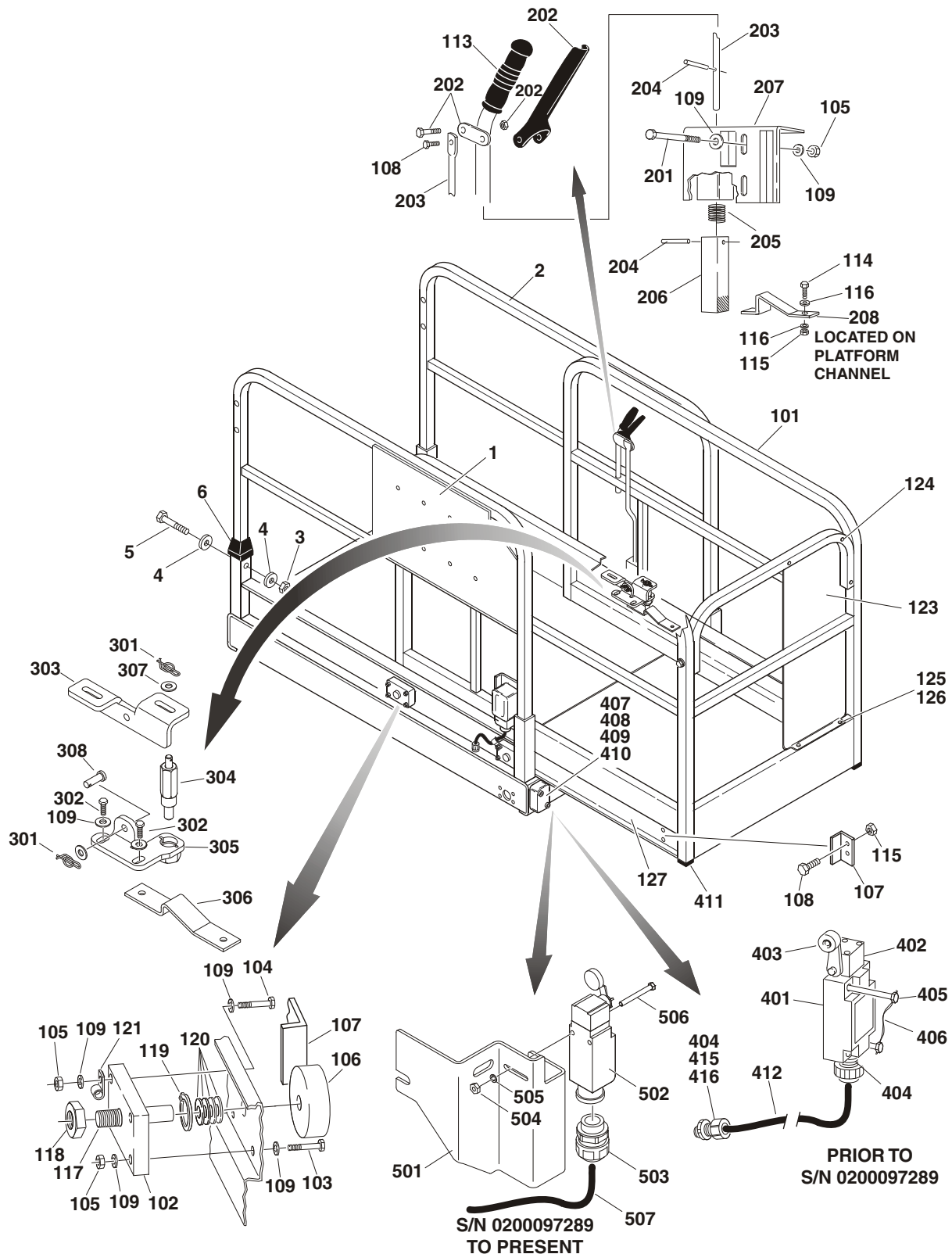
SECTION 4 PLATFORM

FIGURE 4-1. PLATFORM INSTALLATION - MANUALLY OPERATED EXTENSION (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0257665	PERIMETER SWITCHES INSTALLATION (PRIOR TO S/N 0200070220)	Ref.	2
801	4360215	Switch	4	
802	0902392	Bracket	4	
803	3900184	Screw, Button Head #10-24NC x 5/8"	8	
804	3300373	Nut, Joint Connector 1 1/4"	8	
805	Not Used			
806	0721004	Screw #10-24NC x 1/2"	8	
807	4751000	Flatwasher #10	8	
808	3311005	Locknut #10	8	
809	Not Used			
810	1060341	Cable 16/2	30ft./9.1m	
811 to 815	Not Used			
816	4460428	Strain Relief	4	
817 to 819	Not Used			
820	0100011	Loctite #242	A/R	
		PERIMETER SWITCHES INSTALLATIONS (S/N 0200070220 TO PRESENT)	Ref.	
	0272788	1532E3/1932E3	Ref.	1
	0259684	2033E3/2046E3	Ref.	3
	0259685	2646E3/2658E3	Ref.	4
851	4360477	Switch	A/R	
	70003780	Lever, Antenna (1 Per)	A/R	
852	0902578	Bracket, Right Side	2	
853	0902579	Bracket, Left Side	2	
854	4460662	Strain Relief	7	
855	0641404	Bolt 1/4"-20NC x 1/2"	10	
856	0641413	Bolt 1/4"-20NC x 1 5/8" (Not Shown) (Located on Platform Extension)	2	
857	4751400	Flatwasher 1/4"	20	
858	0100011	Loctite #242	A/R	
859		Screw Options:	8	
	3911428	Screw 1/4"-20NC x 1 3/4" (Prior to S/N 0200098334)		
	3911432	Screw 1/4"-20NC x 2" (S/N 0200098334 to Present)		
860		Nut Options:	8	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener 1/4"-20NC (S/N 0200098334 to Present)		
861	Not Used			
862	4240033	Strap, Tie (Not Shown)	40	
863	2540017	Grommet (Not Shown)	2	
864	2820030	Shrink	20in/50.8cm	
865	1060680	Cable 16/2 Options:		
		2046E3	49ft./14.9m	
		2646E3/2658E3	53ft/16.2m	
866 to 876	Not Used			

SECTION 4 PLATFORM

FIGURE 4-2. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3)



SECTION 4 PLATFORM

**FIGURE 4-2. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS
(MANUALLY OPERATED EXTENSION) (1532E3/1932E3)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258134	HANDRAILS INSTALLATION	Ref.	3
1	3641263	Handrail - Right Side	1	
2	3641265	Handrail - Left Side	1	
3	3311405	Locknut 1/4"-20NC	4	
4	4751400	Flatwasher 1/4"	8	
5	0641420	Bolt 1/4"-20NC x 2 1/2"	4	
6	0840035	Boot, Rail Pocket	4	
	2901987	Kit, Rails (Includes Items 1 & 2)	1	
	0258969	PLATFORM EXTENSION INSTALLATION	Ref.	6
101	Use 3510727	Extension Weldment Options: Prior to S/N 0200069200 (was p/n 3510707) S/N 0200069200 to Present	1	
102	3537619	Roller Mounting - Extension	4	
103	0641510	Bolt 5/16"-18NC x 1 1/4"	15	
104	0641512	Bolt 5/16"-18NC x 1 1/2"	1	
105	3311505	Locknut 5/16"-18NC	18	
106		Roller Options:	4	
	3860059	Prior to S/N 0200098156		
	3860091	S/N 0200098156 to S/N 0200098498		
	3860059	S/N 0200098498 to Present		
107	0181684	Angle, Stop	4	
108	0641406	Bolt 1/4"-20NC x 3/4"	1	
109	4751500	Flatwasher 5/16"	20	
110 to 112	Not Used			
113	2560088	Grip Handle	1	
114	0641405	Bolt 1/4"-20NC x 5/8"	12	
115	3311405	Locknut 1/4"-20NC	13	
116	4711400	Flatwasher 1/4" Narrow	4	
117	3841233	Roller Support Rod	4	
118	3322202	Jam Nut 3/4"-10NF	4	
119	3760348	Snap Ring	4	
120	4752200	Flatwasher 3/4"	4	
121	1320224	Clamp 5/8"	1	
122	Not Used			
123	3571035	Plate, Placard	1	
124	3820019	Pop Rivet 3/16"	2	
125	4750800	Flatwasher #10 (Prior to S/N 0200069200 Only)	8	
126	3820020	Pop Rivet 3/16"	4	
127	3020022	Lube, Lithium Grease	A/R	

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FIGURE 4-2. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS
(MANUALLY OPERATED EXTENSION) (1532E3/1932E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:	Ref.	
	0258969	Prior to S/N 0200104330	Ref.	
	See Note	S/N 0200104330 to S/N 0200108196	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 301-308)	Ref.	
201	0641516	Bolt 5/16"-18NC x 2"	2	
202	2980113	Release Lever Assembly	1	

	2901573	Extension Latch Kit	Ref.	1
203	3841074	Rod, Release	1	
204	3422723	Rollpin 1/8" x 7/8"	2	
205	4160078	Spring	1	
206	0361912	Bar, Latch	1	
207	2940061	Latch Weldment	1	
208	0901830	Bracket, Latch	2	
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:	Ref.	
	See Note	S/N 0200104330 to S/N 0200108196	Ref.	
	0258969	S/N 0200108196 to Present	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 301-308)	Ref.	
301	3422950	Pin, 5/16" Rue Ring Stainless	2	
302	0641507	Bolt 5/16"-18NC x 7/8"	2	
303	3573073	Plate, Foot Latch Rollout	1	
304	3422949	Pin, Step Plunger Assembly	1	
305	0902750	Bracket, Latch Weldment	1	
306	0901830	Bracket, Extension Latch	2	
307	4740513	Washer-spec, 1/4-20NC Stainless	1	
308	3430406	Pin, 1/4" x 3/4"	1	
		OPTIONAL PLATFORM EXTENSION LIMIT SWITCHES INSTALLATIONS (PRIOR TO S/N 0200097289)	Ref.	
	0256667	1532E3	Ref.	—
	0256664	1932E3	Ref.	—
401	4360277	Switch, Limit	1	
402	4360236	Actuator, Switch	1	
403	4360278	Roller and Arm	1	
404	4460052	Connector, Strain Relief	2	
405	3900168	Screw, Special	2	
406	4920140	Lockwire	2	

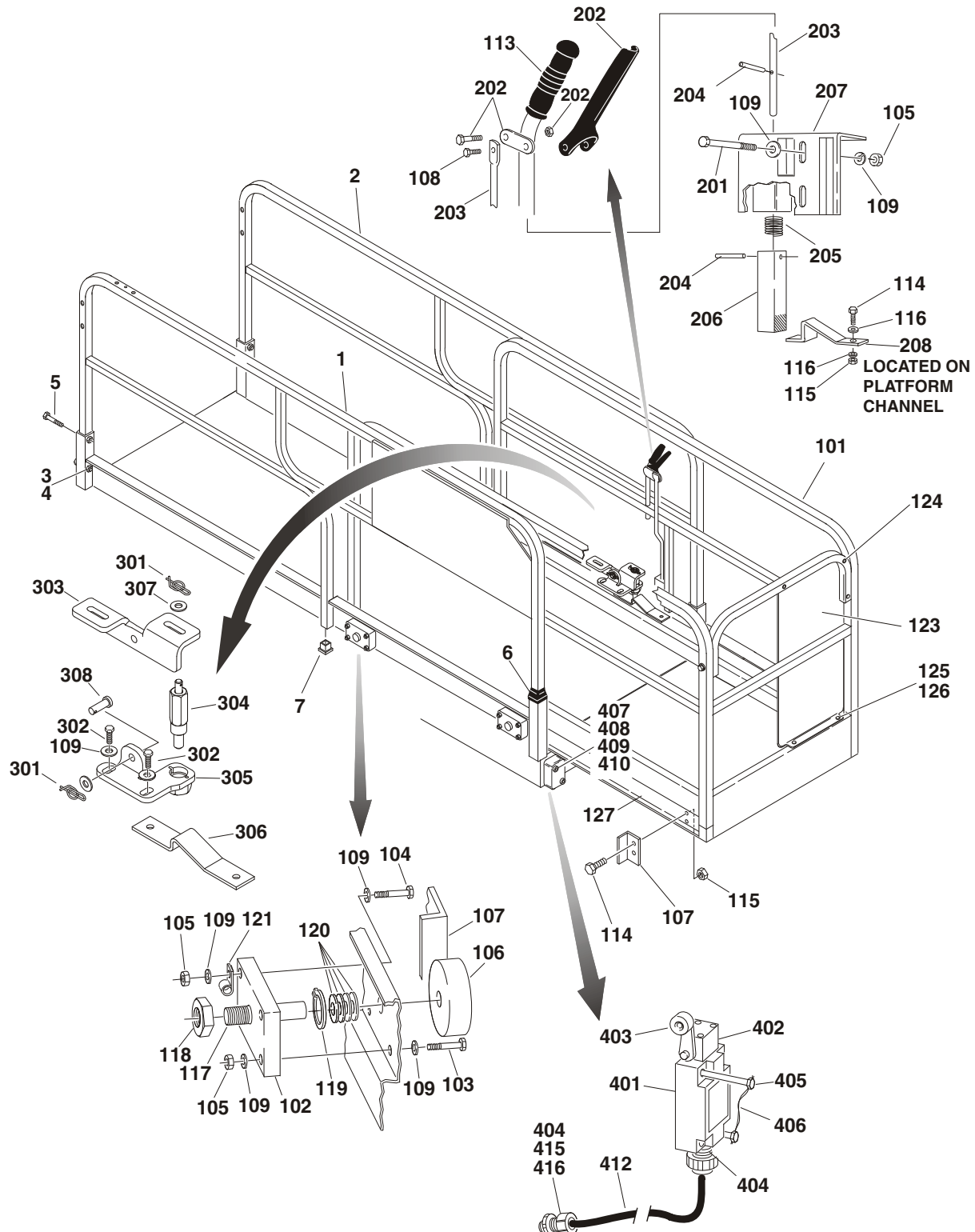
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**FIGURE 4-2. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS
(MANUALLY OPERATED EXTENSION) (1532E3/1932E3) (CONTINUED)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
407	3534995	Plate, Mounting	1	
408	3931416	Bolt, Socket Head 1/4"-20NC x 1"	2	
409	3311401	Nut 1/4"-20NC	2	
410	4761400	Lockwasher 1/4"	2	
411	3520052	Plug, Cap	1	
412	1060341	Cable Options: 1532E3 1932E3	40ft/12.2m 46ft/14.02m	
413	4460320	Plug (Not Shown)	1	
414	Not Used			
415	0960239	Bushing	1	
416	3300047	Locknut	1	
		OPTIONAL PLATFORM EXTENSION LIMIT SWITCHES INSTALLATIONS (S/N 0200097289 TO PRESENT)	Ref.	
	0270714	1532E3/1932E3	Ref.	B
501	0902689	Bracket, Switch Mounting	1	
502	4360437	Switch, Limit	1	
503	4460662	Connector, Strain Relief	1	
504	3310801	Nut #8-32NC	2	
505	4760800	Lockwasher #8	2	
506	3900329	Screw	2	
507	4922464	Harness, Wire	1	
508	Not Used			
	0256784	RAIL HEIGHT EXTENSIONS INSTALLATION (CALIFORNIA SPEC) (NOT SHOWN)	Ref.	A
	3641145	Extender Weldment (Side)	2	
	3641146	Extender Weldment (End)	1	
	0630511	Screw, Self Tapping	6	
	3520072	Plug, Tube	6	

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FIGURE 4-3. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (2033E3/2046E3)



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**FIGURE 4-3. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS
(MANUALLY OPERATED EXTENSION) (2033E3/2046E3)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258136	HANDRAILS INSTALLATION	Ref.	3
1	3641264	Handrail - Right Side	1	
2	3641266	Handrail - Left Side	1	
3	3311405	Locknut 1/4"-20NC	4	
4	4751400	Flatwasher 1/4"	8	
5	0641420	Bolt 1/4"-20NC x 2 1/2"	4	
6	0840035	Boot, Rail Pocket	4	
7	3520072	Plug	2	
		— — — — —		
	2901988	Kit, Rails (Includes Items 1 & 2)	1	
		PLATFORM EXTENSION INSTALLATION OPTIONS:	Ref.	
	0258970	2033E3	Ref.	5
	0258971	2046E3	Ref.	5
101		Extension Weldment Options:		
	3510708	2033E3	1	
	3510709	2046E3	1	
102	3537619	Roller Mounting - Extension	4	
103	0641510	Bolt 5/16"-18NC x 1 1/4"	15	
104	0641512	Bolt 5/16"-18NC x 1 1/2"	1	
105	3311505	Locknut 5/16"-18NC	18	
106		Roller Options:	4	
	3860059	Prior to S/N 0200098156		
	3860091	S/N 0200098156 to Present		
107	0181684	Angle, Stop	4	
108	0641406	Bolt 1/4"-20NC x 3/4"	1	
109	4751500	Flatwasher 5/16"	A/R	
110 to 112	Not Used			
113	2560088	Grip Handle	1	
114	0641405	Bolt 1/4"-20NC x 5/8"	12	
115	3311405	Locknut 1/4"-20NC	A/R	
116	4711400	Flatwasher 1/4"	4	
117	3841233	Roller Support Rod	4	
118	3322202	Jam Nut 3/4"-10NF	4	
119	3760348	Snap Ring	4	
120	4752200	Flatwasher 3/4"	4	
121	1320224	Clamp	1	
122	Not Used			
123	3571035	Plate, Placard	1	
124	3820019	Pop Rivet 3/16"	2	
125	4750800	Flatwasher #10 (Prior to S/N 0200069200 Only)	8	
126	3820020	Pop Rivet 3/16"	4	
127	3020022	Lube, Lithium Grease	A/R	

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FIGURE 4-3. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (2033E3/2046E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:	Ref.	
	0258970	2033E3 (Prior to S/N 0200104330)	Ref.	
	See Note	2033E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258971	2046E3 (Prior to S/N 0200104330)	Ref.	
	See Note	2046E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 301-308)	Ref.	
201	0641516	Bolt 5/16"-18NC x 2"	2	
202	2980113	Release Lever Assembly	1	

	2901573	Extension Latch Kit	1	
203	3841074	Rod, Release	1	
204	3422723	Rollpin 1/8" x 7/8"	2	
205	4160078	Spring	1	
206	0361912	Bar, Latch	1	
207	2940061	Latch Weldment	1	
208	0901830	Bracket, Latch	2	
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:		
	See Note	2033E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258970	2033E3 (S/N 0200108196 to Present)	Ref.	
	See Note	2046E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258971	2046E3 (S/N 0200108196 to Present)	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 201- 208)	Ref.	
301	3422950	Pin, 5/16" Rue Ring Stainless	2	
302	0641507	Bolt 5/16"-18NC x 7/8"	2	
303	3573073	Plate, Foot Latch Rollout	1	
304	3422949	Pin, Step Plunger Assembly	1	
305	0902750	Bracket, Latch Weldment	1	
306	0901830	Bracket, Extension Latch	2	
307	4740513	Washer-spec, 1/4-20NC Stainless	1	
308	3430406	Pin, 1/4" x 3/4"	1	
	0256664	OPTIONAL PLATFORM EXTENSION LIMIT SWITCHES INSTALLATION	Ref.	—
401	4360277	Switch, Limit	1	
402	4360236	Actuator, Switch	1	
403	4360278	Roller and Arm	1	

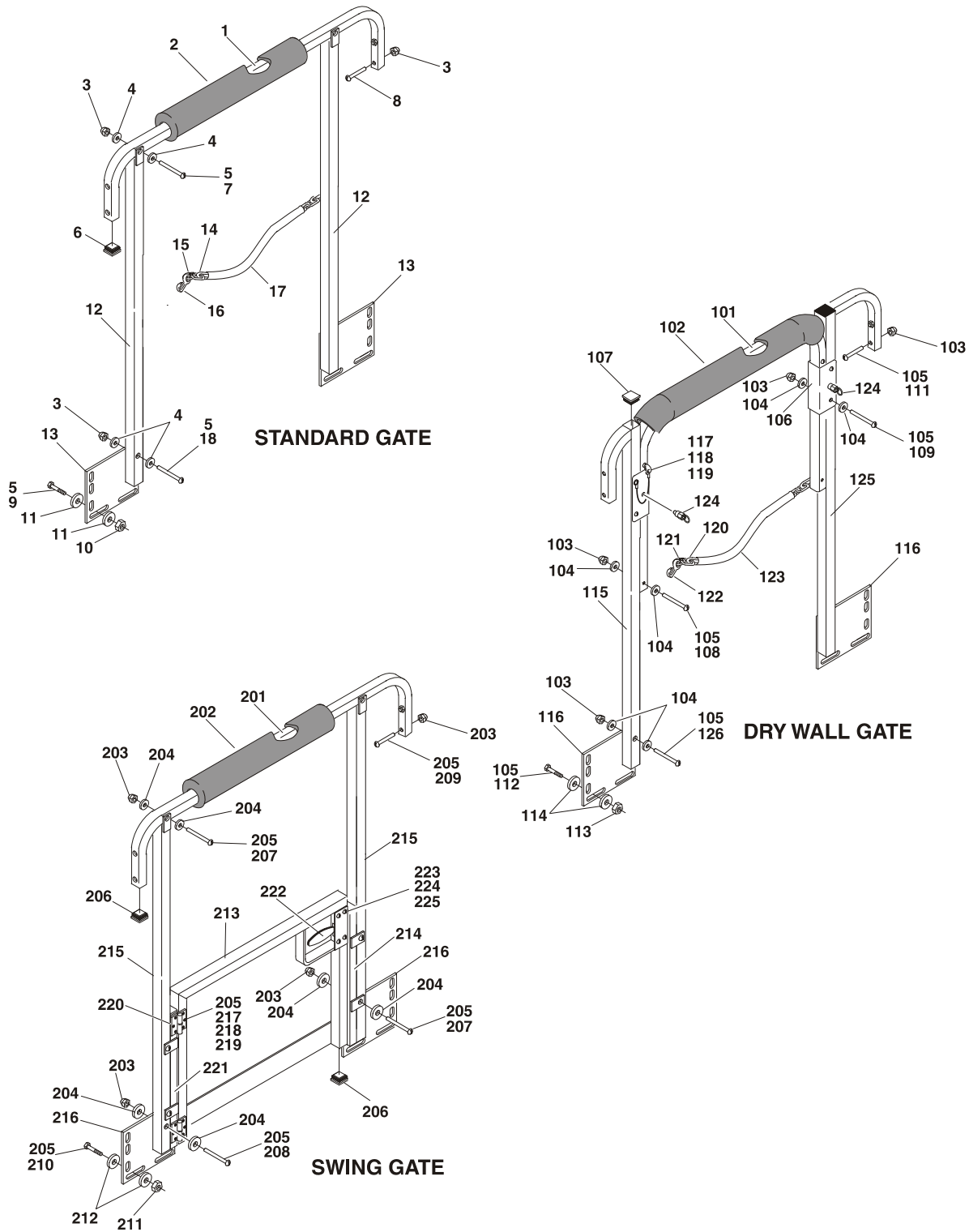
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**FIGURE 4-3. HANDRAILS AND EXTENSION INSTALLATION - STANDARD HANDRAILS
(MANUALLY OPERATED EXTENSION) (2033E3/2046E3) (CONTINUED)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
404	4460052	Connector, Strain Relief	2	
405	3900168	Screw, Special	2	
406	4920140	Lockwire	2	
407	3534995	Plate, Mounting	1	
408	3931416	Bolt, Socket Head 1/4"-20NC x 1"	2	
409	3311401	Nut 1/4"-20NC	2	
410	4761400	Lockwasher 1/4"	2	
411	3520052	Plug, Cap (Not Shown)	1	
412	1060341	Cable	46ft/14.02m	
413	4460320	Plug (Not Shown)	1	
414	Not Used			
415	0960239	Bushing	1	
416	3300047	Locknut	1	
	0256784	RAIL HEIGHT EXTENSIONS INSTALLATION - 2033E3 (CALIFORNIA SPEC) (NOT SHOWN)	Ref.	A
	3641145	Extender Weldment (Side)	2	
	3641146	Extender Weldment (End)	1	
	0630511	Screw, Self Tapping	6	
	3520072	Plug, Tube	6	
	0256786	RAIL HEIGHT EXTENSIONS INSTALLATION - 2046E3 (CALIFORNIA SPEC) (NOT SHOWN)	Ref.	A
	3641145	Extender Weldment (Side)	2	
	3641147	Extender Weldment (End)	1	
	0630511	Screw, Self Tapping	6	
	3520072	Plug, Tube	6	

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**FIGURE 4-4.PLATFORM ACCESS INSTALLATION - STANDARD HANDRAILS
(MANUALLY OPERATED EXTENSION) (1532E3/1932E3/2033E3/2046E3)**



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FIGURE 4-4. PLATFORM ACCESS INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3/2033E3/2046E3)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		PLATFORM ACCESS (STANDARD GATE) INSTALLATIONS	Ref.	
	0259385	Standard Gate - 1532E3/1932E3	Ref.	2
	0258229	Standard Gate - 2033E3	Ref.	4
	0258234	Standard Gate - 2046E3	Ref.	5
1		Tube, Rail Options:	1	
	4565201	1532E3/1932E3/2033E3		
	4565202	2046E3		
2	3340612	Pad	1.5ft/.5m	
3		Nut Options:	A/R	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
4	4751400	Flatwasher 1/4" Wide	12	
5	0100011	Loctite #242 (Prior to S/N 0200098334)	A/R	
6	3520072	Plug, Cap	2	
7	3911428	Screw 1/4"-20NC x 1 3/4"	A/R	
8		Screw Options:	4	
	3911444	Screw 1/4"-20NC x 2 3/4" (Prior to S/N 0200098334)		
	2080065	Fastener, Screw 1/4"-20NC x 2 3/4" (S/N 0200098334 to Present)		
9	0641608	Bolt 3/8"-16NC x 1"	A/R	
10	3311605	Locknut 3/8"-16NC	A/R	
11	4751600	Flatwasher 3/8"	A/R	
12		Weldment, End Rail	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845760	2046E3	1	
13		Kick Plate - Rear	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	3534742	2046E3	1	
14	1260136	Chain	2ft/.6m	
15	3010088	Link	2	
16	Use 1001101076	Hook, Snap (Includes Item 15) (was p/n 2940064)	1	
17	2820097	Mesh Tubing	2ft/.6m	
18	0641418	Bolt 1/4"-20NC x 2 1/4"	A/R	

	2902000	Kit, Platform Access - 2046E3 (Includes Items 12 & 13)	1	

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FIGURE 4-4. PLATFORM ACCESS INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3/2033E3/2046E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		PLATFORM ACCESS (DRY WALL GATE) INSTALLATIONS	Ref.	
	0258230	Dry Wall Gate - 1532E3/1932E3/2033E3	Ref.	3
	0258235	Dry Wall Gate - 2046E3	Ref.	5
101		Tube, Dry Wall Gate Options:	1	
	4567550	1532E3/1932E3/2033E3		
	4567550	2046E3 Prior to S/N 57691		
	4567884	2046E3 S/N 57691 to Present		
102	3340612	Pad	1.5ft/.5m	
103		Nut Options:	A/R	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
104	4751400	Flatwasher 1/4" Wide	A/R	
105	0100011	Loctite #242 (Prior to S/N 0200098334)	A/R	
106		Channel, Dry Wall	2	
	1271410	1532E3/1932E3/2033E3		
	1271410	2046E3 (Prior to S/N 0200057691)		
	4845829	2046E3 (S/N 0200057691 to Present)		
107	3520072	Plug, Cap	A/R	
108	3911424	Bolt 1/4"-20NC x 1 1/2"	3	
109	3911432	Screw 1/4"-20NC x 2"	A/R	
110	Not Used			
111	3911444	Screw 1/4"-20NC x 2 3/4"	A/R	
112	0641608	Bolt 3/8"-16NC x 1"	A/R	
113	3311605	Locknut 3/8"-16NC	A/R	
114	4751600	Flatwasher 3/8"	A/R	
115		Weldment, End Rail (Left Side) Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845970	2046E3	1	
116		Kick Plate - Rear	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	3534742	2046E3	2	
117	3421453	Snapper Pin	1	
118	1060379	Cable-Lanyard	1	
119	3760170	Ring	1	
120	1260136	Chain	2ft/.6m	
121	3010088	Link	2	
122	Use 1001101076	Hook, Snap (Includes Item 121) (was p/n 2940064)	1	
123	2820097	Mesh Tubing	2ft/.6m	
124	3422369	Pin, Plunger	2	
125		Weldment, End Rail (Left Side) Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845745	2046E3	1	
126	0641418	Bolt 1/4"-20NC x 2 1/4"	4	

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FIGURE 4-4. PLATFORM ACCESS INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3/2033E3/2046E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	2902001	Kit, Platform Access - 2046E3 (Includes Items 15,16 & 25)	1	
		PLATFORM ACCESS (SWING GATE) INSTALLATIONS	Ref.	
	0259387	Swing Gate - 1532E3/1932E3	Ref.	6
	0258231	Swing Gate - 2033E3	Ref.	8
	0258236	Swing Gate - 2046E3	Ref.	9
201		Tube, Rail Options:	A/R	
	4565201	1532E3/1932E3/2033E3	1	
	4565202	2046E3	1	
202	3340612	Pad	1.5ft/.5m	
203		Nut Options:	A/R	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
204	4751400	Flatwasher 1/4" Wide	A/R	
205	0100011	Loctite #242	A/R	
206	3520072	Plug, Cap	A/R	
207	3911428	Screw 1/4"-20NC x 1 3/4"	A/R	
208		Bolt Options:	A/R	
	3911428	Screw 1/4"-20NC x 1 3/4"		
	0641418	Bolt 1/4"-20NC x 2 1/4"		
209		Screw Options:	A/R	
	3911444	Screw 1/4"-20NC x 2 3/4" (Prior to S/N 0200098334)		
	2080065	Fastener, Screw 1/4"-20NC x 2 3/4" (S/N 0200098334 to Present)		
210	0641608	Bolt 3/8"-16NC x 1"	A/R	
211	3311605	Locknut 3/8"-16NC	A/R	
212	4751600	Flatwasher 3/8"	A/R	
213	4845709	Weldment, Platform Access Door	1	
214	4845708	Weldment, Platform Access Rail	1	
215		Weldment, End Rail Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845760	2046E3	2	
216		Kick Plate - Rear Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	3534742	2046E3	2	
217		Fastener, Rivnut #10-32 Options:	12	
	Use 2080069	(Prior to S/N 0200103629) (Was P/N 2080047)		
	2080069	(S/N 0200103629 to Present)		
218	3900267	Screw #10-32	12	
219	4711000	Flatwasher #10	12	
220	2600253	Hinge	2	
221	4845710	Weldment, Platform Access Rail	1	
222	2940074	Latch	1	

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FIGURE 4-4. PLATFORM ACCESS INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3/2033E3/2046E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
223	3911016	Bolt #10-24NC x 1"	4	
224	3311005	Locknut #10-24NC	4	
225	4751000	Flatwasher #10	4	

	2901993	Kit, Platform Access - 1532E3/1932E3/ 2033E3 & 2046E3 (Includes Items 13,14 & 21)	1	
	2902002	Kit, Platform Access - 2046E3 (Includes Items 15 & 16)	1	

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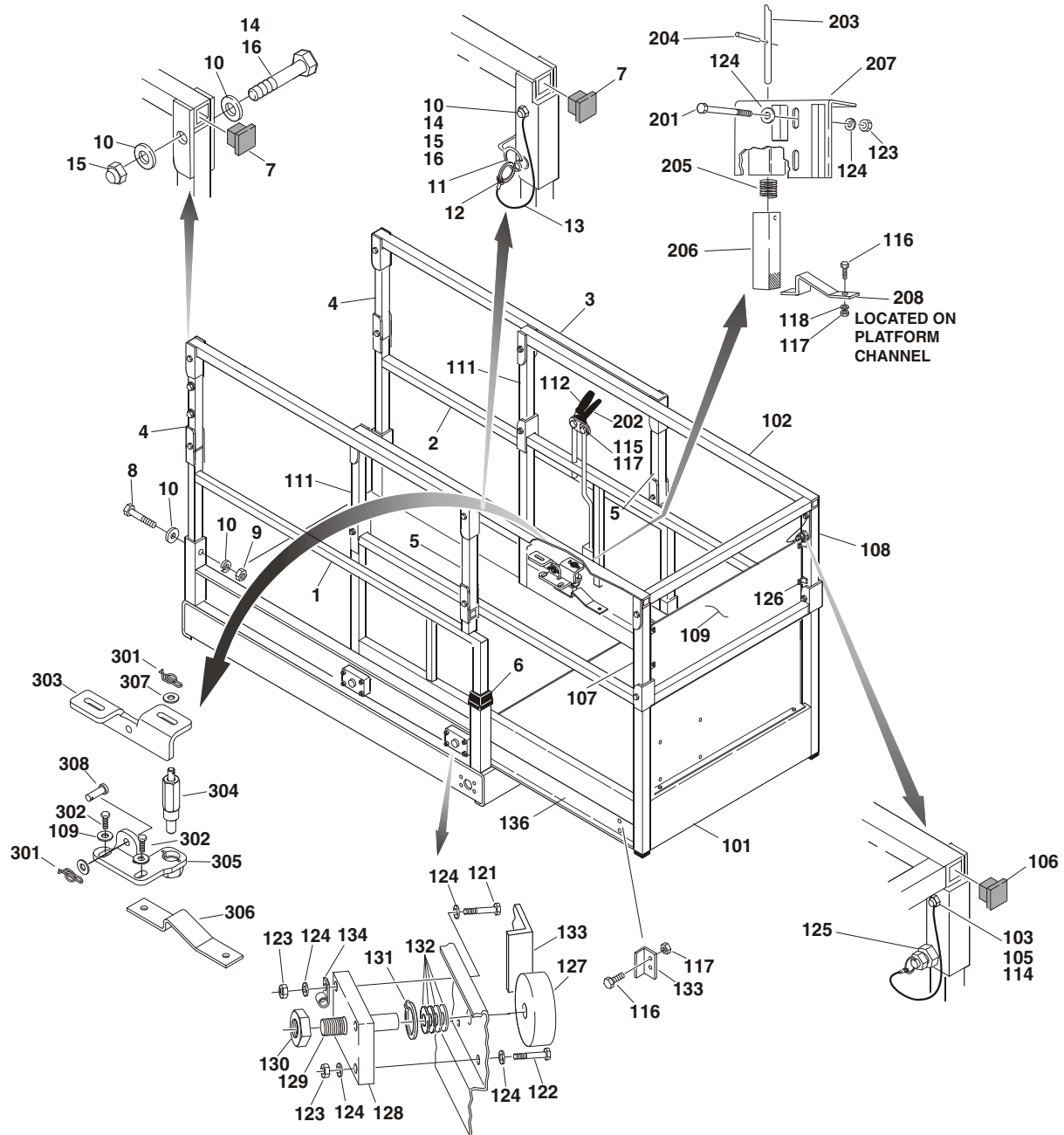
FIGURE 4-4. PLATFORM ACCESS INSTALLATION - STANDARD HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3/2033E3/2046E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 4-5. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3)



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**FIGURE 4-5. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS
(MANUALLY OPERATED EXTENSION) (1532E3/1932E3)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258135	HANDRAILS INSTALLATION	Ref.	8
1		Rail Weldment - Mid Right Side Options:	1	
	4846001	Prior to S/N 0200068540		
	4846058	S/N 0200068540 to Present		
2		Rail Weldment - Mid Left Side Options:	1	
	4846002	Prior to S/N 0200068540		
	4846059	S/N 0200068540 to Present		
3	4845777	Rail Weldment - Top	2	
4	4567864	Tube, Rail - Rear Vertical	2	
5	4567863	Tube, Rail - Upper Vertical	2	
6	0840035	Boot, Rail Pocket	4	
7	3520072	Plug, Cap	4	
8	0641420	Bolt 1/4"-20NC x 2 1/2"	4	
9	3311405	Locknut 1/4"-20NC	4	
10	4751400	Flatwasher 1/4" Wide	8	
11	3421453	Pin, Snapper	2	
12	3760170	Ring	2	
13	1060379	Cable-Lanyard	2	
14	0100011	Loctite #242 (Prior to S/N 0200098334)	A/R	
15		Nut Options:	8	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
16	3911432	Screw 1/4"-20NC x 2"	8	

	2901989	Kit, Rails (Includes Items 1 - 5)	1	
		PLATFORM EXTENSION INSTALLATION OPTIONS:	Ref.	
	0258101	Standard	Ref.	11
	0258102	CSA	Ref.	11
101		Extension Weldment Options:		
	3510713	Standard	1	
	3510712	CSA	1	
102	4845779	Weldment, Extension - Top Rail	1	
103		Nut Options:	8	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
104	Not Used			
105	0100011	Loctite #242	A/R	
106	3520072	Plug, Cap	2	
107	4567867	Weldment, Extension - Vertical Right Side	1	
108	4567868	Weldment, Extension - Vertical Left Side	1	
109	3571454	Plate, Placard	1	
110	Not Used			

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FIGURE 4-5. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (1532E3/1932E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
111	4567875	Tube, Upper Vertical Rail	2	
112	2560088	Grip Handle	1	
113	Not Used			
114	3911432	Screw 1/4"-20NC x 2"	8	
115	0641406	Bolt 1/4"-20NC x 3/4"	1	
116	0641405	Bolt 1/4"-20NC x 5/8"	A/R	
117	3311405	Locknut 1/4"-20NC	12	
118	4711400	Flatwasher	4	
119 to 120	Not Used			
121	0641512	Bolt 5/16"-18NC x 1 1/2"	1	
122	0641510	Bolt 5/16"-18NC x 1 1/4"	15	
123	3311505	Locknut 5/16"-18NC	18	
124	4751500	Flatwasher 5/16"	A/R	
125		Pin-Plunger Assembly Options:	2	
	3422369	Prior to S/N 0200069200		
	3422744	S/N 0200069200 to Present		
126	3820019	Pop Rivets	7	
127		Roller Options:	4	
	3860059	Prior to S/N 0200098156		
	3860091	S/N 0200098156 to S/N 0200098498		
	3860059	S/N 0200098498 to Present		
128	3537619	Extension Roller Mounting	4	
129	3841233	Roller Support Rod	4	
130	3322202	Jam Nut 3/4"-10NF	4	
131	3760348	Snap Ring	4	
132	4752200	Flatwasher 3/4"	4	
133	0181684	Angle	4	
134	1320061	Clamp, Cable	1	
135	Not Used			
136	3020022	Lube, Lithium Grease	A/R	
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:	Ref.	
	0258101	Standard (Prior to S/N 0200104330)	Ref.	
	See Note	Standard (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258102	CSA (Prior to S/N 0200104330)	Ref.	
	See Note	CSA (S/N 0200104330 to S/N 0200108196)	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 301-308)	Ref.	
201	0641516	Bolt 5/16"-18NC x 2"	2	
202	2980113	Release Lever Assembly	1	

	2901649	Extension Latch Kit	1	
203	3841394	Rod, Release	1	

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**FIGURE 4-5. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS
(MANUALLY OPERATED EXTENSION) (1532E3/1932E3) (CONTINUED)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
204	3422723	Rollpin 1/8" x 7/8"	2	
205	4160078	Spring	1	
206	0361912	Bar, Latch	1	
207	2940061	Lat ch Weldment	1	
208	0901830	Bracket, Latch	2	
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:	Ref.	
	See Note	Standard (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258101	Standard (S/N 0200108196 to Present)	Ref.	
	See Note	CSA (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258102	CSA (S/N 0200108196 to Present)	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 201-208)	Ref.	
301	3422950	Pin, 5/16" Rue Ring Stainless	2	
302	0641507	Bolt 5/16"-18NC x 7/8"	2	
303	3573073	Plate, Foot Latch Rollout	1	
304	3422949	Pin, Step Plunger Assembly	1	
305	0902750	Bracket, Latch Weldment	1	
306	0901830	Bracket, Extension Latch	2	
307	4740513	Washer-spec, 1/4-20NC Stainless	1	
308	3430406	Pin, 1/4" x 3/4"	1	

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FIGURE 4-6. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258137	HANDRAILS INSTALLATION	Ref.	9
1	4845775	Rail Weldment - Mid Right Side Options: (Prior to S/N 0200068540)	1	
	4846056	(S/N 0200068540 to Present)		
2	4845776	Rail Weldment - Mid Left Side Options: Prior to S/N 0200068540	1	
	4846057	S/N 0200068540 to Present		
3	4845778	Rail Weldment - Top	2	
4		Tube, Rail - Rear Vertical Options:	2	
	4567523	Prior to S/N 0200062591		
	4846039	S/N 0200062591 to Present		
5	4567338	Tube, Rail - Upper Vertical	4	
6	0840035	Boot, Rail Pocket	4	
7	3520072	Plug, Cap	4	
8	0641420	Bolt 1/4"-20NC x 2 1/2"	4	
9	3311405	Locknut 1/4"-20NC	4	
10	4751400	Flatwasher 1/4" Wide	8	
11	3421453	Pin, Snapper	2	
12	3760170	Ring	2	
13	1060379	Cable-Lanyard	2	
14	0100011	Loctite #242 (Prior to S/N 0200098334)	A/R	
15		Nut Options:	12	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
16	3911430	Screw 1/4"-20NC x 1 7/8"	12	
	2901990	Kit, Rails (Includes Items 1 - 5)	1	
		PLATFORM EXTENSION INSTALLATIONS	Ref.	
	0258103	2033E3	Ref.	9
	0258104	2046E3/2646E3	Ref.	9
	0258105	2658E3	Ref.	10
101		Extension Weldment Options:	1	
	3510615	2033E3		
	3510616	2046E3/2646E3		
	3510617	2658E3		
102		Weldment, Extension - Top Rail Options:	1	
	4845721	2033E3		
	4845720	2046E3/2646E3		
	4845719	2658E3		
103		Nut Options:	8	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		

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**FIGURE 4-6. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS
(MANUALLY OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
104	Not Used			
105	0100011	Loctite #242 (Prior to S/N 0200098334)	A/R	
106	3520072	Plug, Cap	2	
107	4845724	Weldment, Extension - Vertical Right Side	1	
108	4845725	Weldment, Extension - Vertical Left Side	1	
109		Plate, Placard Options:	1	
	Use 3571600	2033E3 Prior to S/N 0200061759 (Was P/N 3570870)		
	3571600	2033E3 S/N 0200061759 to Present		
	3570871	2046E3/2646E3		
	3570872	2658E3		
110	3571011	Plate, Bottom Placard	1	
111	4567338	Tube, Upper Vertical Rail	2	
112	2560088	Grip Handle	1	
113	Not Used			
114	3911432	Screw 1/4"-20NC x 2"	8	
115	0641406	Bolt 1/4"-20NC x 3/4"	1	
116	0641405	Bolt 1/4"-20NC x 5/8"	12	
117	3311405	Locknut 1/4"-20NC	12	
118	4711400	Flatwasher (Narrow)	4	
119 to 120	Not Used			
121	0641512	Bolt 5/16"-18NC x 1 1/2"	1	
122	0641510	Bolt 5/16"-18NC x 1 1/4"	15	
123	3311505	Locknut 5/16"-18NC	18	
124	4751500	Flatwasher 5/16"	20	
125		Pin-Plunger Assembly Options:	2	
	3422369	2033E3 (Prior to S/N 0200061759)		
	3422744	2033E3 (S/N 0200061759 to Present)		
	3422369	2046E3/2646E3/2658E3		
126	3820019	Pop Rivets	7	
127		Roller Options:	4	
	3860059	Prior to S/N 0200098156		
	3860091	S/N 0200098156 to Present		
128	3537619	Extension Roller Mounting	4	
129	3841233	Roller Support Rod	4	
130	3322202	Jam Nut 3/4"-10NF	4	
131	3760348	Snap Ring	4	
132	4752200	Flatwasher 3/4"	4	
133	0181684	Angle	4	
134	1320224	Clamp, Cable (Prior to S/N 0200099828)	1	
135	Not Used			
136	3020022	Grease, Lithium	A/R	

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FIGURE 4-6. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:	Ref.	
	0258103	2033E3 (Prior to S/N 0200104330)	Ref.	
	See Note	2033E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258104	2046E3/2646E3 (Prior to S/N 0200104330)	Ref.	
	See Note	2046E3/2646E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258105	2658E3 (Prior to S/N 0200104330)	Ref.	
	See Note	2658E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 301-308)	Ref.	
201	0641516	Bolt 5/16"-18NC x 2"	2	
202	2980113	Release Lever Assembly	1	

	2901649	Extension Latch Kit	Ref.	2
203	3841394	Rod, Release	1	
204	3422723	Rollpin 1/8" x 7/8"	2	
205	4160078	Spring	1	
206	0361912	Bar, Latch	1	
207	2940061	Latch Weldment	1	
208	0901830	Bracket, Latch	2	
		PLATFORM EXTENSION LOCK INSTALLATION OPTIONS:	Ref.	
	See Note	2033E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258103	2033E3 (S/N 0200108196 to Present)	Ref.	
	See Note	2046E3/2646E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258104	2046E3/2646E3 (S/N 0200108196 to Present)	Ref.	
	See Note	2658E3 (S/N 0200104330 to S/N 0200108196)	Ref.	
	0258105	2658E3 (S/N 0200108196 to Present)	Ref.	
		Note: No exact S/N break exists for Lock Mechanism. S/N 0200104330 to S/N 0200108196 installations could be built with either configuration (See items 201-208)	Ref.	
301	3422950	Pin, 5/16" Rue Ring Stainless	2	
302	0641507	Bolt 5/16"-18NC x 7/8"	2	
303	3573073	Plate, Foot Latch Rollout	1	
304	3422949	Pin, Step Plunger Assembly	1	
305	0902750	Bracket, Latch Weldment	1	
306	0901830	Bracket, Extension Latch	2	
307	4740513	Washer-spec, 1/4-20NC Stainless	1	
308	3430406	Pin, 1/4" x 3/4"	1	

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**FIGURE 4-6. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS
(MANUALLY OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)**

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		OPTIONAL PLATFORM EXTENSION LIMIT SWITCHES INSTALLATIONS	Ref.	
	0256664	2033E3/2046E3	Ref.	—
	0256668	2646E3/2658E3	Ref.	2
401	4360277	Switch, Limit	1	
402	4360236	Actuator, Switch	1	
403	4360278	Roller and Arm	1	
404	4460052	Connector, Strain Relief	2	
405	3900168	Screw, Special	2	
406	4920140	Lockwire	2	
407	3534995	Plate, Mounting	1	
408	3931416	Bolt, Socket Head 1/4"-20NC x 1"	2	
409	3311401	Nut 1/4"-20NC	2	
410	4761400	Lockwasher 1/4"	2	
411	3520052	Plug, Cap	1	
412	1060341	Cable Options:		
		2033E3/2046E3	46ft/14.02m	
		2646E3/2658E3	54ft/16.46m	
413	4460320	Plug (Not Shown)	1	
414	Not Used			
415	0960239	Bushing	1	
416	3300047	Locknut	1	

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FIGURE 4-6. HANDRAILS AND EXTENSION INSTALLATION - FOLDDOWN HANDRAILS
(MANUALLY OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

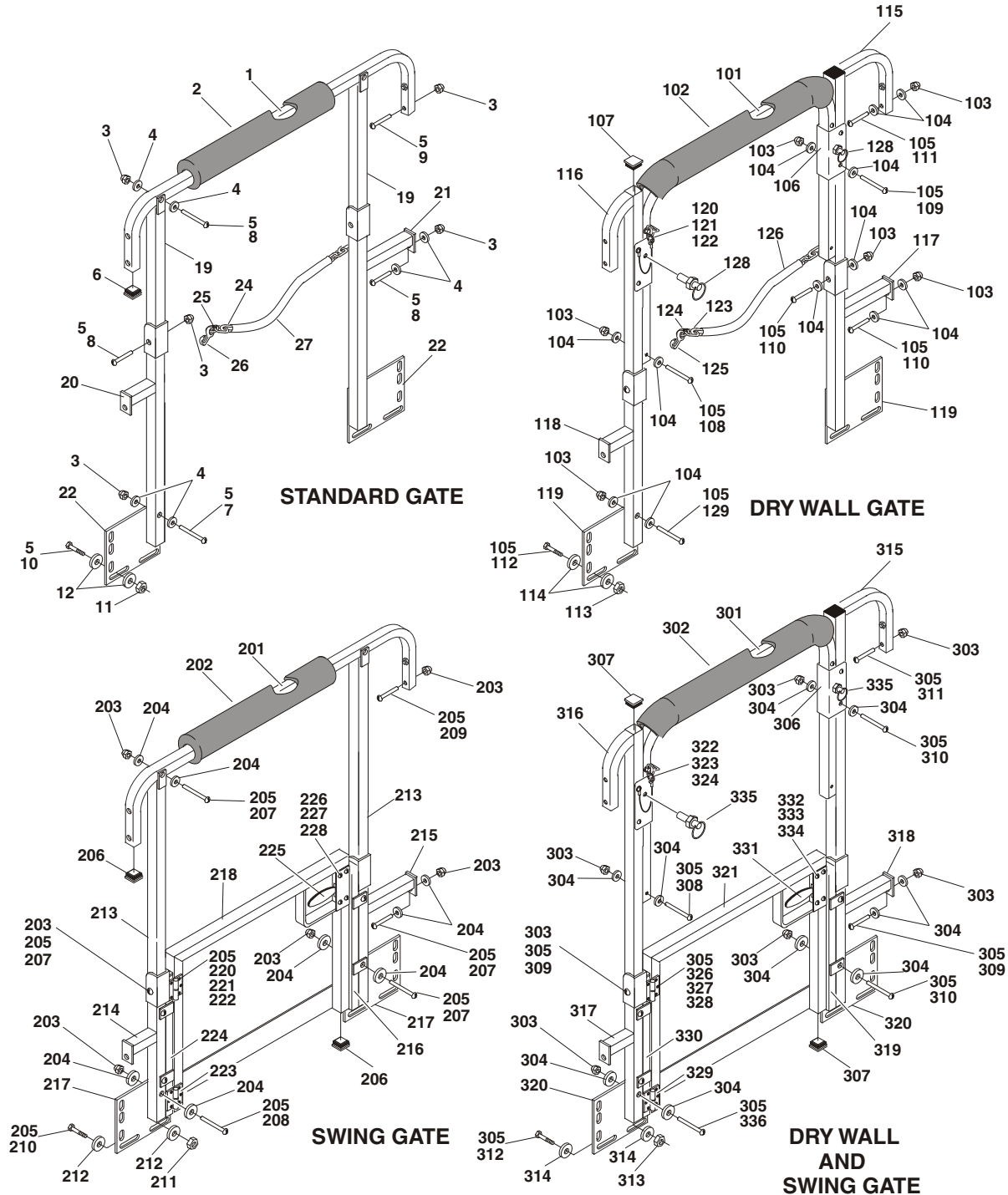
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**FIGURE 4-7.PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS
(MANUALLY OPERATED EXTENSION)**



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FIGURE 4-7. PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		PLATFORM ACCESS (STANDARD GATE) INSTALLATIONS	Ref.	
	0259386	Standard Gate with Chain Gate - 1532E3/1932E3	Ref.	2
	0258229	Standard Gate with Chain Gate - 2033E3	Ref.	4
	0258238	Standard Gate with Chain Gate- 2046E3/2646E3	Ref.	6
	0258243	Standard Gate with Chain Gate - 2658E3	Ref.	6
1		Tube, Rail Options:	1	
	4565285	1532E3/1932E3		
	4565201	2033E3		
	4565202	2046E3/2646E3		
	4565203	2658E3		
2	3340612	Pad	1.5ft/.5m	
3		Nut Options:	A/R	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
4	4751400	Flatwasher 1/4" Wide	A/R	
5	0100011	Loctite #242 (Prior to S/N 0200098334)	A/R	
6	3520072	Plug, Cap	A/R	
7	0641418	Screw 1/4"-20NC x 2 1/4"	A/R	
8	3911428	Bolt 1/4"-20NC x 1 3/4"	A/R	
9		Screw Options:	A/R	
	3911444	Screw 1/4"-20NC x 2 3/4" (Prior to S/N 0200098334)		
	2080065	Fastener, Screw 1/4"-20NC x 2 3/4" (S/N 0200098334 to Present)		
10	0641608	Bolt 3/8"-16NC x 1"	A/R	
11	3311605	Locknut 3/8"-16NC	A/R	
12	4751600	Flatwasher 3/8"	A/R	
13 to 18	Not Used			
19		Weldment, Rear Vertical Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845741	2046E3/2646E3/2658E3	1	
20		Weldment, Bottom Right Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845843	2046E3/2646E3	1	
	4845734	2658E3	1	
21		Weldment, Bottom Left Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845845	2046E3/2646E3	1	
	4845736	2658E3	1	
22		Kick Plate - Rear Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	3534742	2046E3/2646E3	2	
	3534743	2658E3	2	
23	Not Used			

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FIGURE 4-7. PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
24	1260136	Chain	2ft/.6m	
25	3010088	Link	2	
26	Use 1001101076	Hook, Snap (Includes Item 25) (was p/n 2940064)	1	
27	2820097	Mesh Tubing	2ft/.6m	
	2902003	Kit, Platform Access Rails - 2046E3/2646E3 (Includes Items 19 - 23)	1	
	2902005	Kit, Platform Access Rails - 2046E3/2646E3 (Includes Items 19 - 23)	1	
		PLATFORM ACCESS (DRY WALL GATE) INSTALLATIONS	Ref.	
	0258230	Dry Wall Gate - 1532E3/1932E3/2033E3 (Prior to S/N 0200057691)	Ref.	3
	0259259	Dry Wall Gate - 1532E3/1932E3 (S/N 0200057691 to Present)	Ref.	2
	0259304	Dry Wall Gate - 2033E3 (S/N 0200057691 to Present)	Ref.	2
	0258240	Dry Wall Gate - 2046E3/2646E3	Ref.	6
	0258245	Dry Wall Gate - 2658E3	Ref.	6
101		Tube, Dry Wall Gate Options:	1	
	4567550	1532E3/1932E3/2033E3 (Prior to S/N 0200057691)		
	4567896	1532E3/1932E3 (S/N 0200057691 to Present)		
	4567894	2033E3 (S/N 0200057691 to Present)		
	4567550	2046E3/2646E3/2658E3 (Prior to S/N 0200057459)		
	4567883	2046E3/2646E3/2658E3 (S/N 0200057459 to Present)		
102	3340612	Pad	1.5ft/.5m	
103		Nut Options:	A/R	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
104	4751400	Flatwasher 1/4" Wide	A/R	
105	0100011	Loctite #242 (Prior to S/N 0200098334)	A/R	
106		Channel, Dry Wall Options:	2	
	1271410	1532E3/1932E3/2033E3 (Prior to S/N 0200057691) & 2046E3/2646E3/2658E3 (Prior to S/N 0200057459)		
	4846013	1532E3/1932E3 (S/N 0200057691 to Present)		
	4846012	2033E3 (S/N 0200057691 to Present)		
	4845829	2046E3/2646E3/2658E3 (S/N 0200057459 to Present)		
107	3520072	Plug, Cap	A/R	
108	0641413	Bolt 1/4"-20NC x 1 5/8"	A/R	
	3911424	Screw 1/4"-20NC x 1 1/2"	A/R	
109	3911432	Bolt 1/4"-20NC x 2"	A/R	

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FIGURE 4-7. PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
110	3911428	Bolt 1/4"-20NC x 1 3/4"	A/R	
111		Screw Options:	A/R	
	3911444	Screw 1/4"-20NC x 2 3/4" (Prior to S/N 0200098334)		
	2080065	Fastener, Screw 1/4"-20NC x 2 3/4" (S/N 0200098334 to Present)		
112	0641608	Bolt 3/8"-16NC x 1"	A/R	
113	3311605	Locknut 3/8"-16NC	A/R	
114	4751600	Flatwasher 3/8"	A/R	
115		Weldment, Top Rear Rail Left Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845735	2046E3/2646E3	1	
	4845793	2658E3	1	
116		Weldment, Top Rear Rail Right Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845792	2046E3/2646E3	1	
	4845733	2658E3	1	
117		Weldment, Bottom Rear Rail Right Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845843	2046E3/2646E3	1	
	4845734	2658E3	1	
118		Weldment, Bottom Rear Rail Left Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845845	2046E3/2646E3	1	
	4845736	2658E3	1	
119		Kick Plate - Rear Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	3534742	2046E3/2646E3	2	
	Use 3534743	2658E3 Prior to S/N C#105412 (Was P/N 3535492)	2	
	3534743	2658E3 Prior to S/N C#105412 (Was P/N 3535492)	2	
120	3421453	Snapper Pin (2033E3 Prior to S/N 57691 & 2046E3/2646E3/2658E3 Prior to S/N57459)	1	
121	1060379	Cable, Lanyard (2033E3 Prior to S/N 57691 & 2046E3/2646E3/2658E3 Prior to S/N57459)	1	
122	3760170	Ring (2033E3 Prior to S/N 57691 & 2046E3/2646E3/2658E3 Prior to S/N57459)	1	
123	1260136	Chain	2ft/.6m	
124	3010088	Link	2	
125	Use 1001101076	Hook, Snap (Includes Item 124) (was p/n 2940064)	1	
126	2820097	Mesh Tubing	2ft/.6m	
127	Not Used			
128	3422369	Pin, Plunger (2033E3 S/N 57691 to Present) & 2046E3/2646E3/2658E3 S/N 57459 to Present)	2	
129	0641418	Bolt 1/4"-20NC x 2 1/4"	4	
		— — — — —		

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FIGURE 4-7. PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
201	2902007	Kit, Platform Access Rails - 2046E3/2646E3 (Includes Items 115 - 119)	1	
	2902008	Kit, Platform Access Rails - 2658E3 (Includes Items 115 - 119)	1	
		PLATFORM ACCESS (SWING GATE) INSTALLATIONS	Ref.	
	0258231	Swing Gate - 1532E3/1932E3 (Prior to S/N 58563)	Ref.	8
	0259388	Swing Gate - 1532E3/1932E3 (S/N 58563 to Present)	Ref.	6
	0258231	Swing Gate - 2033E3	Ref.	8
	0258241	Swing Gate - 2046E3/2646E3	Ref.	9
	0258246	Swing Gate - 2658E3	Ref.	8
		Tube, Rail Options:	1	
	4565201	1532E3/1932E3 (Prior to S/N 58563)		
	4565285	1532E3/1932E3 (S/N 58563 to Present)		
	4565201	2033E3		
	4565202	2046E3		
	4565203	2658E3		
202	3340612	Pad	1.5ft/.5m	
203		Nut Options:	A/R	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
204	4751400	Flatwasher 1/4" Wide	A/R	
205	0100011	Loctite #242	A/R	
206	3520072	Plug, Cap	2	
207	3911428	Screw 1/4"-20NC x 1 3/4"	A/R	
208	0641418	Screw 1/4"-20NC x 2 1/4"	A/R	
209		Screw Options:	A/R	
	3911444	Screw 1/4"-20NC x 2 3/4" (Prior to S/N 0200098334)		
	2080065	Fastener, Screw 1/4"-20NC x 2 3/4" (S/N 0200098334 to Present)		
210	0641608	Bolt 3/8"-16NC x 1"	A/R	
211	3311605	Locknut 3/8"-16NC	A/R	
212	4751600	Flatwasher 3/8"	A/R	
213	4845741	Weldment, Rear Vertical	A/R	
214		Weldment, Bottom Right Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845843	2046E3/2646E3	1	
	4845734	2658E3	1	
215		Weldment, Bottom Left Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845845	2046E3/2646E3	1	
	4845736	2658E3	1	
216	4845708	Weldment, Platform Access Rail	1	

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FIGURE 4-7. PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
217		Kick Plate - Rear	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	Use 3534742	2046E3/2646E3/2658E3 Prior to S/N 0200065312 (Was P/N 3535492)	2	
	3534742	2046E3/2646E3 S/N 0200065312 to Present	2	
	3534743	2658E3 S/N 0200065312 to Present	2	
218	4845709	Weldment, Platform Access Door	1	
219	Not Used			
220		Fastener, Rivnut #10-32 Options:	12	
	Use 2080069	(Prior to S/N 0200103629) (Was P/N 2080047)		
	2080069	(S/N 0200103629 to Present)		
221	3900267	Screw #10-32	12	
222	4711000	Flatwasher #10	12	
223	2600253	Hinge	2	
224	4845710	Weldment, Platform Access Rail	1	
225	2940074	Latch	1	
226	3911016	Bolt #10-24NC x 1"	4	
227		Nut Options:	4	
	3311005	Locknut #10-24NC (Prior to S/N 0200099828)		
	3311001	Nut #10-24NC (S/N 0200099828 to Present)		
228	4751000	Flatwasher #10	4	
	2901993	Kit, Platform Access Rails - 1532E3/1932E3/2033E3/ 2046E3/2646E3/2658E3 (Includes Items 216,218 & 224)	1	
	2902009	Kit, Platform Access Rails - 2046E3/2646E3 (Includes Items 213,214,215 & 217)	1	
	2902010	Kit, Platform Access Rails - 2658E3 (Includes Items 213,214,215 & 217)	1	
		PLATFORM ACCESS (DRY WALL AND SWING GATE) INSTALLATIONS	Ref.	
	0258232	Dry Wall And Swing Gate - 1532E3/1932E3 (Prior to S/N 0200057691)	Ref.	8
	0259260	Dry Wall And Swing Gate - 1532E3/1932E3 (S/N 0200057691 to Present)	Ref.	6
	0258232	Dry Wall And Swing Gate - 1532E3/1932E3/2033E3	Ref.	8
	0258242	Dry Wall And Swing Gate - 2046E3/2646E3	Ref.	8
	0258247	Dry Wall And Swing Gate - 2658E3	Ref.	9
301		Tube, Dry Wall Gate Options:	1	
	4567896	1532E3/1932E3		
	4567894	2033E3		
	4567883	2046E3/2646E3/2658E3		
302	3340612	Pad	1.5ft/.5m	

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FIGURE 4-7. PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
303		Nut Options:	A/R	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
304	4751400	Flatwasher 1/4" Wide	A/R	
305	0100011	Loctite #242	A/R	
306		Channel, Dry Wall Gate Options:	2	
	1271410	(Prior to S/N 0200057691)		
	4846013	1532E3/1932E3 (S/N 0200057691 to Present)		
	4846012	2033E3 (S/N 0200057691 to Present)		
	4845829	2046E3/2646E3/2658E3 (S/N 0200057691 to Present)		
307	3520072	Plug, Cap	A/R	
308	3911424	Bolt 1/4"-20NC x 1 1/2"	3	
309	3911428	Screw 1/4"-20NC x 1 3/4"	A/R	
310	3911432	Screw 1/4"-20NC x 2"	A/R	
311	3911444	Screw 1/4"-20NC x 2 3/4"	A/R	
312	0641608	Bolt 3/8"-16NC x 1"	A/R	
313	3311605	Locknut 3/8"-16NC	A/R	
314	4751600	Flatwasher 3/8"	A/R	
315		Weldment, Top Rear Left Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845735	2046E3/2646E3	1	
	4845793	2658E3	1	
316		Weldment, Top Rear Right Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845792	2046E3/2646E3	1	
	4845733	2658E3	1	
317		Weldment, Bottom Right Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845843	2046E3/2646E3	1	
	4845734	2658E3	1	
318		Weldment, Bottom Left Side Options:	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	4845845	2046E3/2646E3	1	
	4845736	2658E3	1	
319	4845708	Weldment, Platform Access Rail	1	
320		Kick Plate - Rear	A/R	
	Not Required	1532E3/1932E3/2033E3	0	
	3534742	2046E3/2646E3	1	
321	4845709	Weldment, Platform Access Door	1	
322		Snapper Pin Options (Prior to S/N 0200057691Only):		
	3421453	1532E3/1932E3/2033E3	1	
	3421452	2046E3/2646E3/2658E3	1	
323	1060379	Cable - Lanyard (Prior to S/N 0200057691Only)	1	
324	3760170	Ring (Prior to S/N 0200057691Only)	1	
325	Not Used			

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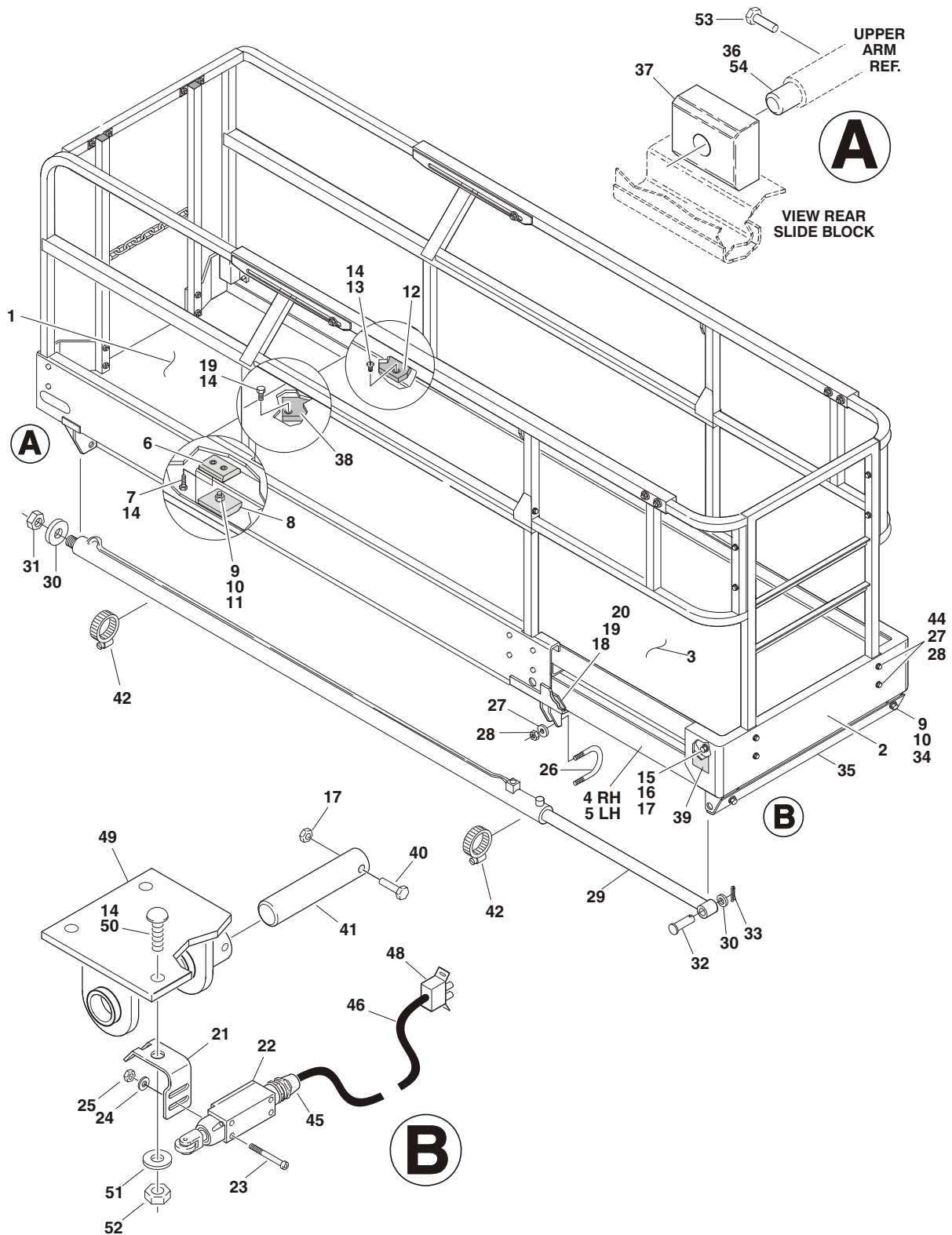
FIGURE 4-7. PLATFORM ACCESS INSTALLATION - FOLDDOWN HANDRAILS (MANUALLY OPERATED EXTENSION) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
326	Use 2080069	Fastener, Rivnut #10-32 Options: (Prior to S/N 0200103629) (was p/n 2080047)	12	
	2080069	(S/N 0200103629 to Present)		
327	3900267	Screw #10-32	12	
328	4711000	Flatwasher #10	12	
329	2600253	Hinge	2	
330	4845710	Weldment, Platform Access Rail	1	
331	2940074	Latch	1	
332	3911016	Bolt #10-24NC x 1"	4	
333		Nut Options:	4	
	3311005	Locknut #10-24NC (Prior to S/N 0200099828)		
	3311001	Nut #10-24NC (S/N 0200099828 to Present)		
334	4751000	Flatwasher #10	4	
335	3422369	Pin, Plunger (S/N 0200057691 to Present)	2	
336	0641418	Bolt 1/4"-20NC x 2 1/4"	A/R	

	2901993	Kit, Platform Access Rails - 1532E3/1932E3/2033E3/ 2046E3/2646E3/2658E3 (Includes Items 319,321 & 330)	1	
	2902011	Kit, Platform Access Rails - 2046E3/2646E3 (Includes Items 315,316,317,318, & 320)	1	
	2902012	Kit, Platform Access Rails - 2658E3 (Includes Items 315,316,317,318, & 320)	1	

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FIGURE 4-8. PLATFORM AND EXTENSION INSTALLATION - POWER OPERATED
(2033E3/2046E3/2646E3/2658E3)



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FIGURE 4-8. PLATFORM AND EXTENSION INSTALLATION - POWER OPERATED (2033E3/2046E3/2646E3/2658E3)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		POWER DECK EXTENSION ASSEMBLIES	Ref.	
	3510643	2033E3 (WITH 4 FT. Power Deck Extension)	Ref	5
	3510642	2033E3 (WITH 6 FT. Power Deck Extension)	Ref	6
	3510645	2046E3/2646E3 (WITH 4 FT. Power Deck Extension)	Ref	6
	3510644	2046E3/2646E3 (WITH 6 FT. Power Deck Extension)	Ref	6
	3510647	2658E3 (WITH 4 FT. Power Deck Extension)	Ref	7
	3510646	2658E3 (WITH 6 FT. Power Deck Extension)	Ref	6
1		Power Deck Extension Weldment Options:	1	
	3510702	2033E3		
	3510703	2046E3/2646E3		
	3510704	2658E3		
2		Shield, Front Options:	1	
	4060929	2033E3		
	4060930	2046E3/2646E3		
	4060931	2658E3		
3		Plate, Power Extension Deck Options:	1	
	3570003	2033E3		
	3570004	2046E3/2646E3		
	3570005	2658E3		
4	4845416	Weldment, Extension Tube (Right Side)	1	
5	4845415	Weldment, Extension Tube (Left Side)	1	
6	3340812	Pad (Rear Top)	2	
7	0641404	Bolt 1/4"-20NC x 1/2"	4	
8	3340813	Pad (Rear Bottom)	2	
9	3311405	Locknut 1/4"-20NC	4	
10	4751400	Flatwasher 1/4"	6	
11	0741407	Screw, Flathead 1/4"-20NC x 7/8"	2	
12	3340850	Pad	2	
13	3911408	Screw, Round Head 1/4"-20NC x 1/2"	4	
14	0100011	Loctite #242	A/R	
15	0641608	Bolt 3/8"-16NC x 1"	8	
16	4751600	Flatwasher 3/8"	16	
17	3311605	Locknut 3/8"	12	
18	3340825	Pad (Front)	2	
19	0641604	Bolt 3/8"-16NC x 1/2"	4	
20	4761600	Lockwasher 3/8"	2	
21		Bracket, Switch Mount Options:	1	
	0902512	2033E3/2046E3/2646E3		
	0902512	2658E3 (Prior to S/N 0200073911)		
	0902665	2658E3 (S/N 0200073911 to Present)		
22	4360401	Switch, Extension Limit	1	
23	3931024	Bolt #10-24NC x 1 1/2"	2	
24	4751000	Flatwasher #10	2	
25	3311005	Locknut #10-24NC	2	
26	1320026	Clamp 1 3/4"	2	

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FIGURE 4-8. PLATFORM AND EXTENSION INSTALLATION - POWER OPERATED (2033E3/2046E3/2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
27	4751500	Flatwasher 5/16"	12	
28	3311505	Locknut 5/16"-18NC	12	
29		Platform Extension Cylinder Assembly Options (See Section 5 for Breakdown):	2	
	1683376	4Ft. Extension		
	1683375	6Ft. Extension		
30	4712200	Flatwasher 3/4"	4	
31	3322201	Nut 3/4"-16NC	2	
32	3431220	Pin, Clevis	2	
33	3450303	Pin, Cotter	2	
34	0641407	Bolt 1/4"-20NC x 7/8"	2	
35		Weldment Front Plate Options:	1	
	3539118	2033E3		
	3539119	2046E3/2646E3		
	3539120	2658E3		
36		Pin, (Top) Options:	2	
	3422805	2033E3/2046E3/2646E3		
	3422805	2658E3 (Prior to S/N 0200073911)		
	3422883	2658E3 (S/N 0200073911 to Present)		
37	3340783	Pad, Slide Block (Top)	2	
38	3340815	Pad, Center (Rear)	1	
39	1703491	Decal, Pinching Hazard (Prior to S/N 0200071313)	2	
40	0681618	Bolt 3/8"-16NC x 2 1/4" (Grade 8)	2	
41	3422713	Pin, Pivot	2	
42	1320012	Clamp	4	
43	0641406	Bolt 1/4"-20NC x 3/4" (Not Shown) (Prior to S/N 0200067805)	2	
44	0641506	Bolt 5/16"-18NC x 3/4"	4	
45		Connector, Strain Relief Options:	1	
	4460052	(Prior to S/N 0200089301)		
	4460049	(S/N 0200089301 to Present)		
46	1060680	Cable, Electrical 18/2	A/R	
		2033E3	28ft/8.6m	
		2046E3/2646E3/2658E3	42ft/12.8m	
47	4460320	Plug, 2 Position	1	
48	4460268	Socket, Female	2	
49	4845560	Pivot, Stationary (Top)	2	
50	0630485	Bolt, Carriage	7	
51	4711600	Flatwasher 3/8"	11	
52	3311605	Locknut 3/8"-16NC	7	
53	0681610	Bolt 3/8"-16NC x 1 1/4" (Grade 8)	2	
54	0962340	Bushing, Spacer	2	

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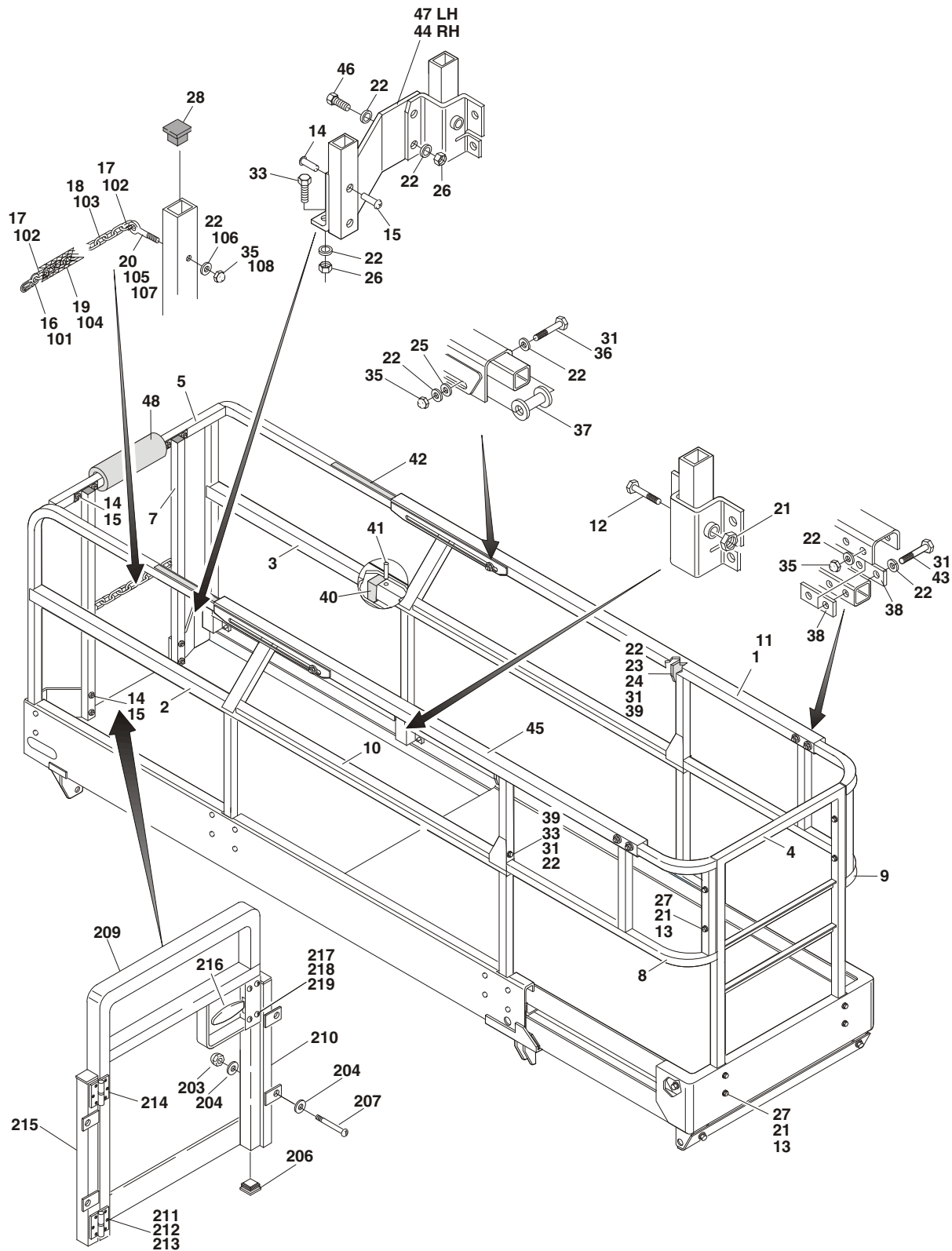
FIGURE 4-8. PLATFORM AND EXTENSION INSTALLATION - POWER OPERATED (2033E3/2046E3/
2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 4-9. HANDRAILS INSTALLATION - STANDARD HANDRAILS (POWER OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3)



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FIGURE 4-9. HANDRAILS INSTALLATION - STANDARD HANDRAILS (POWER OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		HANDRAILS INSTALLATION OPTIONS:	Ref.	
	0256103	STANDARD - 2033E3 MACHINES	Ref.	8
	0257653	CSA - 2033E3 MACHINES	Ref.	7
	0256104	STANDARD - 2046E3/2646E3 MACHINES	Ref.	8
	0257654	CSA - 2046E3/2646E3 MACHINES	Ref.	7
	0256105	STANDARD - 2658E3 MACHINES	Ref.	8
	0257655	CSA - 2658E3 MACHINES	Ref.	7
1		Handrail Kit Options:	1	
	2901403	Standard - 2033E3 Machines (Includes Items 2 thru 5, 8 thru 11 and 45)		
	2901527	CSA - 2033E3 Machines (Includes Items 2 thru 5, 8 thru 11 and 45)		
	2901404	Standard - 2046E3/2646E3 Machines (Includes items 2 thru 5, 7 thru 11 and 45)		
	2901528	CSA - 2046E3/2646E3 Machines (Includes Items 2 thru 5, 7 thru 11 and 45)		
	2901405	Standard - 2658E3 Machines (Includes Items 2 thru 5, 7 thru 11 and 45)		
	2901529	CSA - 2658E3 Machines (Includes Items 2 thru 5, 7 thru 11 and 45)		
2		Rail Weldment - Right Side Options:	1	
	3641082	Standard - Rail Weldment		
	3641203	CSA - Rail Weldment		
3		Rail Weldment - Left Side Options:	1	
	3641083	Standard - Rail Weldment		
	3641204	CSA - Rail Weldment		
4		Rail Weldment - Extension - Front Options:	1	
	3641149	Standard - Rail Weldment		
	3641207	CSA - Rail Weldment		
5		Tube, Crossbar Options:	1	
	4567135	2033E3 Machines		
	4567136	2046E3/2646E3 Machines		
	4567137	2658E3 Machines		
6	Not Used			
7		Rail Weldment - End Options:	2	
	Not Required	2033E3 Machines		
	3641152	Standard - 2046E3/2646E3/2658E3 Machines		
	3641208	CSA - 2046E3/2646E3/2658E3 Machines		
8		Rail Weldment - Extension Right Side Options:	1	
	3641084	2033E3 Machines		
	3641088	2046E3/2646E3 Machines		
	3641090	2658E3 Machines		
9		Rail Weldment - Extension Left Side Options:	1	
	3641085	2033E3 Machines		
	3641089	2046E3/2646E3 Machines		
	3641091	2658E3 Machines		
10	4060915	Shield, Midrail Cover	1	

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FIGURE 4-9. HANDRAILS INSTALLATION - STANDARD HANDRAILS (POWER OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
11	1271305	Channel, Top Rail	1	
12	0630501	Bolt 5/16"-18NC x 2 1/4"	6	
13	4711500	Flatwasher 5/16" Narrow	A/R	
14	3300373	Nut, Binding Post	A/R	
15	3900184	Screw #10-24	A/R	
16	Use 1001101076	Latch, Snap (Includes Item 17) (was p/n 2940064) (Prior to S/N 0200071692)	1	
17	3010088	Link (Prior to S/N 0200071692)	2	
18	1260136	Chain (Prior to S/N 0200071692)	24in/61cm	
19		Tubing Options:		
	2820097	Tubing, Mesh (Prior to S/N 0200071692)	24in/61cm	
	2820024	Tubing, Vinyl (CSA 2033E3 Only)	24in/61cm	
20	0630494	Bolt, Eye (Prior to S/N 0200071692)	2	
21	3311505	Locknut 5/16"-18NC	6	
22	4751400	Flatwasher 1/4" Wide	A/R	
23	0641410	Bolt 1/4"-20NC x 1 1/4"	4	
24	0561262	Block, Slide	2	
25	4740411	Washer, Nylon	4	
26		Locknut 1/4"-20NC Options:	6	
	Not Required	2033E3 Machines		
	3311405	2046E3/2646E3/2658E3 Machines		
27	0641516	Bolt 5/16"-18NC x 2"	8	
28	3520072	Plug, Cap	A/R	
29		Bolt #10-24 x 1/2" Options:	2	
	Not Required	2033E3 Machines		
	3921008	2046E3/2646E3/2658E3 Machines		
30		Flatwasher #10 Wide Options:	2	
	Not Required	2033E3 Machines		
	4751000	2046E3/2646E3/2658E3 Machines		
31	0100011	Loctite #242	A/R	
32	Not Used			
33	0641408	Bolt 1/4"-20NC x 1"	4	
34	Not Used			
35		Nut Options:	6	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200098334)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200098334 to Present)		
36	0641424	Bolt 1/4"-20NC x 3"	2	
37	3860075	Roller	2	
38	0561234	Block, Spacer	4	
39	2080043	Rivnut 1/4"-20NC	A/R	
40	3340801	Pad, Midrail	2	
41	3440420	Pin, Roll 1/8" x 1 1/4"	2	
42	4420055	Tape, UHWM	13ft/4m	
43	0641420	Bolt 1/4"-20NC x 2 1/2"	4	

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FIGURE 4-9. HANDRAILS INSTALLATION - STANDARD HANDRAILS (POWER OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
44		End Kick Panel Right Side Options:	1	
	Not Required	2033E3 Machines		
	3380437	2046E3/2646E3 Machines		
	3380438	2658E3 Machines		
45	1271337	Channel Weldment	1	
46		Bolt 1/4"-20NC x 3/4" Options:	4	
	Not Required	2033E3 Machines		
	0641406	2046E3/2646E3/2658E3 Machines		
47		End Kick Panel Left Side Options:	1	
	Not Required	2033E3 Machines		
	3380439	2046E3/2646E3 Machines		
	3380440	2658E3 Machines		
48	3340612	Pad	17in/43cm	
	0270067	PLATFORM ACCESS INSTALLATION	Ref.	2
101	Use 1001101076	Hook, Snap (Includes Item 102) (was p/n 2940064)	1	
102	3010088	Link	2	
103	1260136	Chain	24in/61cm	
104	2820097	Tubing, Mesh	24in/61cm	
105	0630494	Bolt, Eye	2	
106	4751400	Flatwasher 1/4" Wide	2	
107	0100011	Loctite #242 (Not Shown) (Prior to S/N 0200097341)	A/R	
108		Nut Options:	2	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200097341)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200097341 to Present)		
	0259213	GATE, HALF SWING INSTALLATION - 2033E3	Ref.	5
201to 202	Not Used			
203		Nut Options:	8	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200097341)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200097341 to Present)		
204	4751400	Flatwasher 1/4" Wide	8	
205	Not Used			
206	3520072	Plug, Cap	5	
207	3911432	Screw 1/4"-20NC x 2"	4	
208	Not Used			
209	4845982	Weldment, Platform Access Door	1	
210	4845983	Weldment, Door Support - Latch Side	1	
211	3300432	Nut, Acorn #10-24NC	12	
212	3911028	Screw #10-24NC x 1 3/4"	12	
213	4711000	Flatwasher #10	12	
214	2600253	Hinge	2	
215	4845984	Weldment, Door Support - Hinge Side	1	
216	2940074	Latch	1	

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FIGURE 4-9. HANDRAILS INSTALLATION - STANDARD HANDRAILS (POWER OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
217	3911014	Screw #10-24NC x 7/8"	4	
218	3311005	Locknut #10-24NC	4	
219	4751000	Flatwasher #10	4	

	2902013	Kit, 1/2 Swing Gate - 2033E3 (Includes Items 209,210 & 215)	1	

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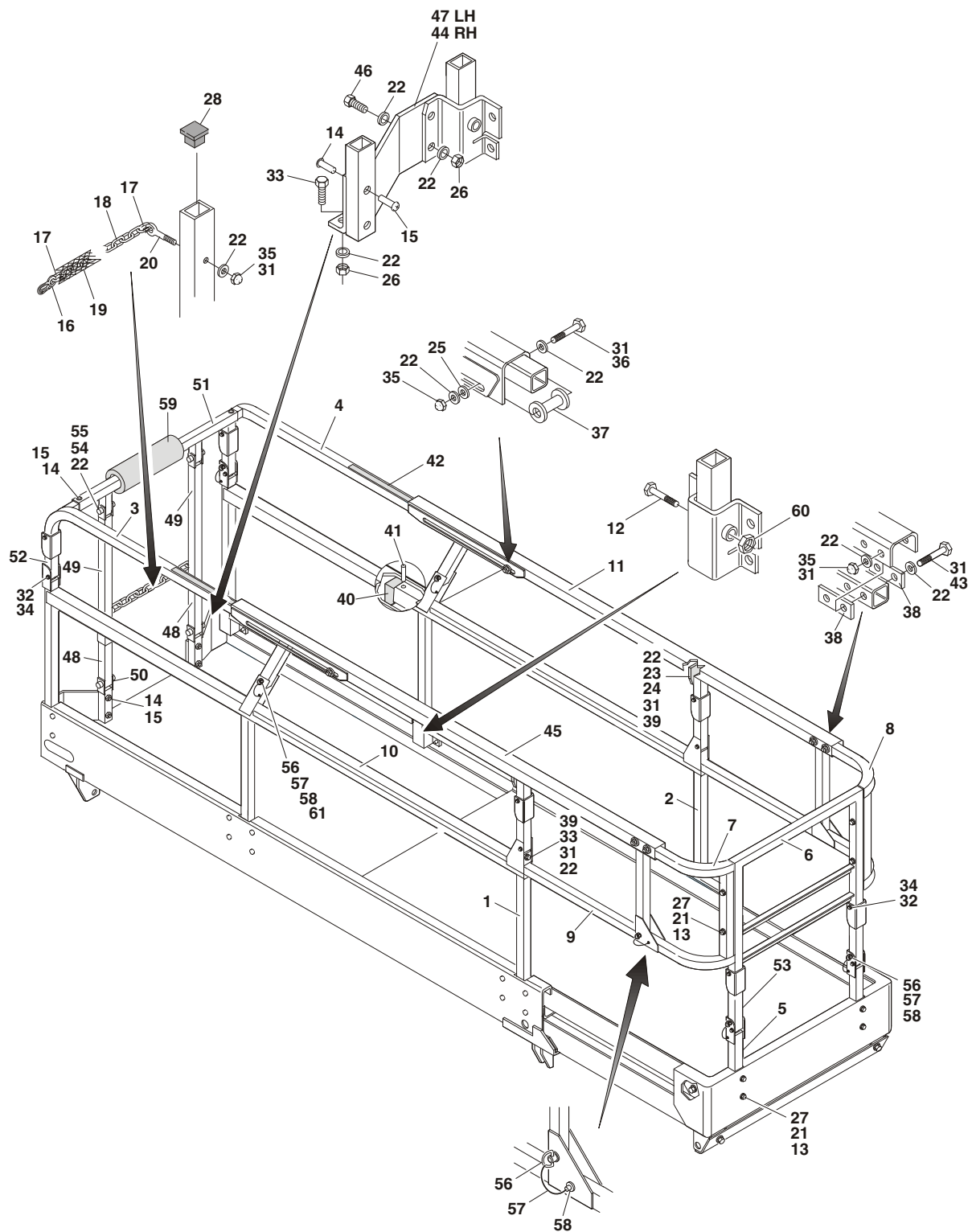
FIGURE 4-9. HANDRAILS INSTALLATION - STANDARD HANDRAILS (POWER OPERATED EXTENSION) (2033E3/2046E3/2646E3/2658E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 4-10. HANDRAILS INSTALLATION - FOLDDOWN HANDRAILS
(POWER OPERATED EXTENSION) (2046E3/2646E3)



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FIGURE 4-10. HANDRAILS INSTALLATION - FOLDDOWN HANDRAILS (POWER OPERATED EXTENSION) (2046E3/2646E3)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	0258005	HANDRAILS INSTALLATION	Ref.	5
1	3641239	Rail Weldment - Right Side	1	
2	3641240	Rail Weldment - Left Side	1	
3	3641241	Rail Weldment - Extension - Right Side Upper	1	
4	3641242	Rail Weldment - Extension - Left Side Upper	1	
5	3641243	Rail Weldment - Extension - Front Lower	2	
6	3641244	Rail Weldment - Extension - Front	1	
7	3641245	Rail Weldment - Extension Right Side	1	
8	3641246	Rail Weldment - Extension Left Side	1	
9	4567453	Tube, Extension	2	
10	4060915	Shield, Midrail Cover	2	
11	1271305	Channel, Top Rail	1	
12	0630501	Bolt 5/16"-18NC x 2 1/4"	6	
13	4711500	Flatwasher 5/16" Narrow	16	
14	3300373	Nut, Binding Post	6	
15	3900184	Screw #10-24	6	
16	Use 1001101076	Hook, Snap (Includes Item 17) (was p/n 2940064)	1	
17	3010088	Link	2	
18	1260136	Chain	24in/61cm	
19	2820097	Tubing, Mesh	24in/61cm	
20	0630494	Bolt, Eye	2	
21	3311505	Locknut 5/16"-18NC	8	
22	4751400	Flatwasher 1/4" Wide	40	
23	0641410	Bolt 1/4"-20NC x 1 1/4"	4	
24	0561262	Block, Slide	2	
25	4740411	Washer, Nylon	4	
26	3311405	Locknut 1/4"-20NC	6	
27	0641516	Bolt 5/16"-18NC x 2"	8	
28	3520072	Plug, Cap	20	
29	3921008	Bolt #10-24 x 1/2"	2	
30	4751000	Flatwasher #10 Wide	2	
31	0100011	Loctite #242	A/R	
32	3911432	Screw, 1/4"-20NC x 2"	12	
33	0641408	Bolt 1/4"-20NC x 1"	2	
34	Not Used			
35		Nut Options:	18	
	3300151	Nut, Acorn 1/4"-20NC (Prior to S/N 0200097333)		
	2080063	Fastener, Nut 1/4"-20NC (S/N 0200097333 to Present)		
36	0641424	Bolt 1/4"-20NC x 3"	2	
37	3860075	Roller	2	
38	0561234	Block, Spacer	4	
39	2080043	Rivnut 1/4"-20NC	8	
40	3340801	Pad, Midrail	2	
41	3440420	Pin, Roll 1/8" x 1 1/4"	2	
42	4420055	Tape, UHWM	13ft/4m	

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FIGURE 4-10. HANDRAILS INSTALLATION - FOLDDOWN HANDRAILS (POWER OPERATED EXTENSION) (2046E3/2646E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
43	0641420	Bolt 1/4"-20NC x 2 1/2"	4	
44	3380437	End Kick Panel Right Side	1	
45	1271337	Channel Weldment	1	
46	0641406	Bolt 1/4"-20NC x 3/4"	4	
47	3380439	End Kick Panel Left Side	1	
48	4565261	Tube	2	
49	3640743	Rail, Weldment	2	
50	3641248	Rail, Weldment	2	
51	3641249	Crossbar, Weldment	1	
52	4567451	Tube, Link	4	
53	4567512	Tube, Front Link	2	
54	3430416	Pin, Clevis	4	
55	3450203	Pin, Cotter	4	
56	3422219	Pin, Snapper	6	
57	1060379	Cable, Lanyard	6	
58	3941004	Screw, Self Tapping	6	
59		Pad Options:	A/R	
	3340612	Prior to S/N 0200071313	24in/61cm	
	3340564	S/N 0200071313 to Present	1	
60	3311501	Nut 5/16"-18NC	6	
61	3760170	Key Ring	6	

	2901991	Kit, Rails - 2046E3/2646E3 (Includes Items 1 - 11,44,45,47,48,49,50,52 & 53)	1	

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FIGURE 4-10. HANDRAILS INSTALLATION - FOLDDOWN HANDRAILS (POWER OPERATED EXTENSION) (2046E3/2646E3) (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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This exploded view diagram illustrates the assembly of a device, likely a medical or scientific instrument. The components are numbered as follows:

- 1**: Main housing or base unit.
- 2**: Small rectangular component, possibly a switch or indicator.
- 3**: Small circular component, possibly a cap or seal.
- 4**: Small rectangular component, possibly a switch or indicator.
- 5**: Large rectangular component, possibly a display or control panel.
- 6**: Small circular component, possibly a cap or seal.
- 7**: Cable or connector.
- 8**: Small rectangular component, possibly a switch or indicator.
- 9**: Small circular component, possibly a cap or seal.
- 10**: Small rectangular component, possibly a switch or indicator.
- 11**: Small rectangular component, possibly a switch or indicator.
- 12**: Small rectangular component, possibly a switch or indicator.
- 13**: Small rectangular component, possibly a switch or indicator.
- 14**: Small rectangular component, possibly a switch or indicator.
- 15**: Small rectangular component, possibly a switch or indicator.
- 16**: Small rectangular component, possibly a switch or indicator.
- 17**: Small rectangular component, possibly a switch or indicator.
- 18**: Small rectangular component, possibly a switch or indicator.
- 19**: Small rectangular component, possibly a switch or indicator.
- 20**: Small rectangular component, possibly a switch or indicator.
- 21**: Small rectangular component, possibly a switch or indicator.
- 22**: Small rectangular component, possibly a switch or indicator.
- 23**: Small rectangular component, possibly a switch or indicator.
- 24**: Small rectangular component, possibly a switch or indicator.
- 25**: Small rectangular component, possibly a switch or indicator.
- 26**: Small rectangular component, possibly a switch or indicator.
- 27**: Small rectangular component, possibly a switch or indicator.
- 28**: Small rectangular component, possibly a switch or indicator.
- 29**: Small rectangular component, possibly a switch or indicator.
- 30**: Small rectangular component, possibly a switch or indicator.
- 31**: Small rectangular component, possibly a switch or indicator.

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FIGURE 4-11. PLATFORM CONSOLE BOX ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		CONSOLE BOX ASSEMBLY OPTIONS:	Ref.	
	0258108	Console Box W/Tilt Light	Ref.	I
	0258109	Console Box W/O Tilt Light (PRIOR TO S/N 0200071692)	Ref.	E
	0258111	Console Box With Battery Indicator and W/Tilt	Ref.	I
	0258112	Console Box With Battery Indicator (PRIOR TO S/N 0200071692)	Ref.	E
1	0140011	Alarm (W/Tilt Light Only)	1	
2	0181847	Angle, Latch	1	
3	0610123	Card, Circuit	1	
4		Box, Platform Options:		
	0861256	With Battery Indication and Tilt Light	1	
	0861235	Without Tilt Light	1	
	Use 0861235	With Tilt Light (was p/n 0861255)	1	
	0861254	With Battery Indicator	1	
5	0902485	Hanger, Bracket	1	
6	0902499	Bracket	1	
7	1600282	Controller Assembly (See Figure 4-12 for Breakdown)	1	
8	1670869	Cover, Bezel	1	
9		Gauge, Battery Indicator (W/Battery Indicator Only) Options:	1	
	Use 2420201	Prior to S/N 0200111400 (Was P/N 2420176)		
	2420201	S/N 0200111400 to Present		
10	2560141	Thumbscrew	1	
11	3252610	Lid, Nameplate	1	
12	3310601	Nut #6-32	2	
13	3900265	Self Tapping #8-18 x 3/4"	A/R	
14	3900178	Screw, Plastite #10-32 x 1/2"	4	
15	3900226	Screw, Plastite #8 x 1/2"	2	
16		Screw, Plastite 1/4"-20NC x 1/2" Options:	4	
	3900227	Prior to S/N 0200085393		
	0641404	S/N 0200085393 to Present		
17		Shield, Back Cover Options:	1	
	4060914	Prior to S/N 0200061362		
	4060976	S/N 0200061362 to Present		
18	4360289	Switch, Push-Pull (Emergency Stop) (Prior to S/N 0200069828)	1	
	7012611	Mushroom, Top	1	
	7012612	Boot	1	
	4360475	Switch, Push-Pull (Emergency Stop) (S/N 0200069828 to Present)	1	
	7020175	Cap	1	
	7020176	Block, Contact	1	
19		Switch, Keypad Options:		
	4360453	With Tilt Light	1	
	4360454	Without Tilt Light	1	

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FIGURE 4-11. PLATFORM CONSOLE BOX ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
20	4460470	Nut, Terminal	1	
21	4460471	Lockwasher, Terminal	1	
22	4460613	Connector	1	
23	4740066	Washer, Thrust (Bronze) (Prior to S/N 0200069828)	1	
24	4740120	Washer, Nylon	4	
25	4760600	Lockwasher #6	2	
26	4761400	Lockwasher 1/4"	4	
27	4922183	Harness - Membrane Pad (See Section 7 for Breakdown)	1	
28	4922184	Harness - Platform Control Box (See Section 7 for Breakdown)	1	
29	4460466	Seal, Terminal (Prior to S/N 0200069828)	7	
30	Not Used			
31	1704260	Decal - EMS (S/N 0200098202 to Present)	1	
	0259217	HORN COMPONENTS INSTALLATION	Ref.	2
101	4360387	Switch, Push Button	1	
	0257665	PERIMETER SWITCH INSTALLATION OPTIONAL (NOT SHOWN) (PRIOR TO S/N 0200070220)	Ref.	2
	4360387	Switch, Push Button	1	
	4460049	Connector, Strain Relief	1	
	3820014	Pop Rivet 1/8	2	
	3251596	Decal - Proximity	1	
		PERIMETER SWITCH INSTALLATIONS OPTIONAL (NOT SHOWN) (S/N 0200070220 TO PRESENT)	Ref.	
	0272788	1532E3/1932E3	Ref.	1
	0259684	2033E3/2046E3	Ref.	3
	0259685	2646E3/2658E3	Ref.	4
	4360387	Switch, Push Button	1	
	4460662	Connector, Strain Relief	1	
	3820014	Pop Rivet 1/8	2	
	3251596	Decal - Proximity	1	
	4460424	Connector - 2 Position	1	
	4460320	Connector - 2 Pin	1	
	4460267	Pin	2	
	4460268	Socket, Female	2	

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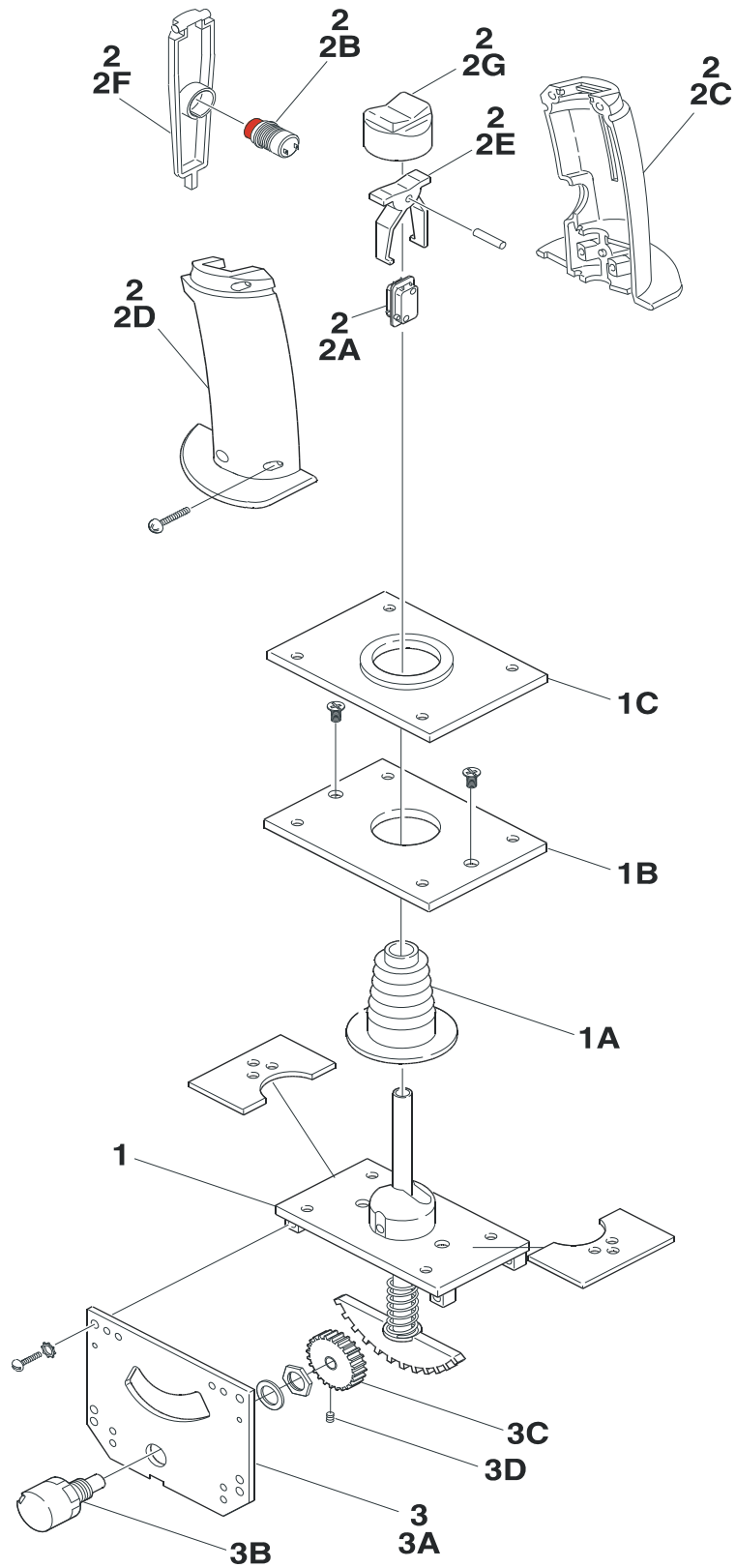
FIGURE 4-11. PLATFORM CONSOLE BOX ASSEMBLY (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 4-12.CONTROLLER ASSEMBLY - PQ



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FIGURE 4-12. CONTROLLER ASSEMBLY - PQ

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
	1600282	CONTROLLER ASSEMBLY	Ref.	B
1	7020503	Handle/Housing Assembly	1	
1A	Use 7020520	Boot (was p/n 7003778)	1	
1B	7020504	Plate, Mounting	1	
1C	7020502	Gasket	1	
2	7011991	Grip Assembly	1	
2A	7011992	Switch Assembly	1	
2B	7020501	Switch, Push Button - Red	1	
2C	Use 7020541	Grip - Right Half (was p/n 7011993 & p/n 7020531)	1	
2D	Use 7020541	Grip - Left Half (was p/n 7011994 & p/n 7020532)	1	
		Note: p/n 7020541 Includes Items 2C & 2D With a JLG Logo.	Ref.	
2E	7003791	Actuator, Switch	1	
2F	7011997	Trigger	1	
2G	7003790	Cap, Rubber	1	
3	7020508	Electrical Assembly	1	
	4460265	Connector - 9 Pin (Not Shown)	1	
	4460268	Socket (Not Shown)	8	
	4460424	Connector - 2 Position (Not Shown)	1	
3A	7020509	Plate, Mounting - Potentiometer	1	
3B	7020510	Potentiometer	1	
3C	7011940	Gear, Pinion	1	
3D	7020511	Setscrew #6-32 x 1/8"	1	
4	7020540	Resistor, 510 ohm (Not Shown)	2	

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FIGURE 4-12. CONTROLLER ASSEMBLY - PQ (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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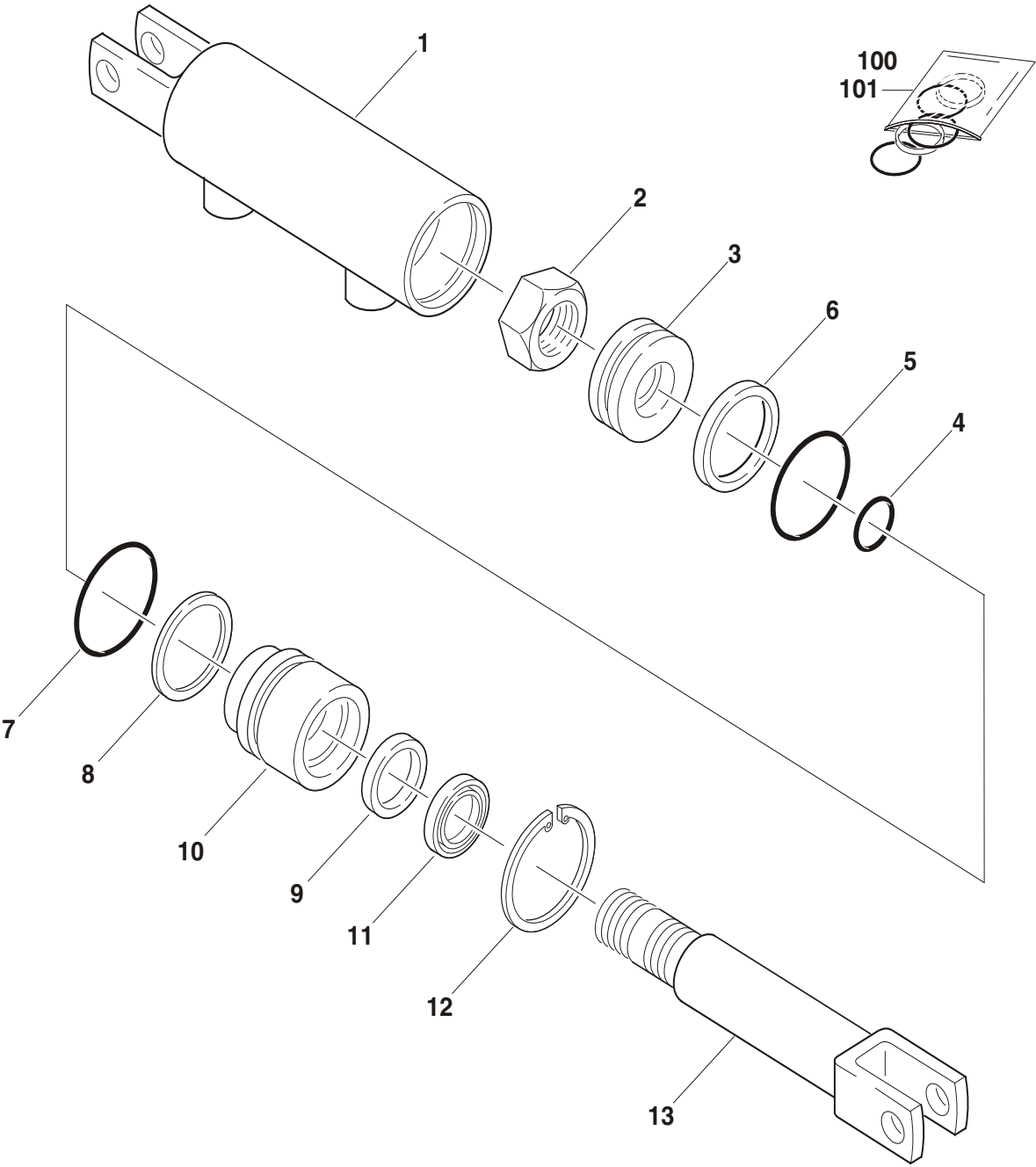
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FIGURE 5-1.BRAKE CYLINDER ASSEMBLY



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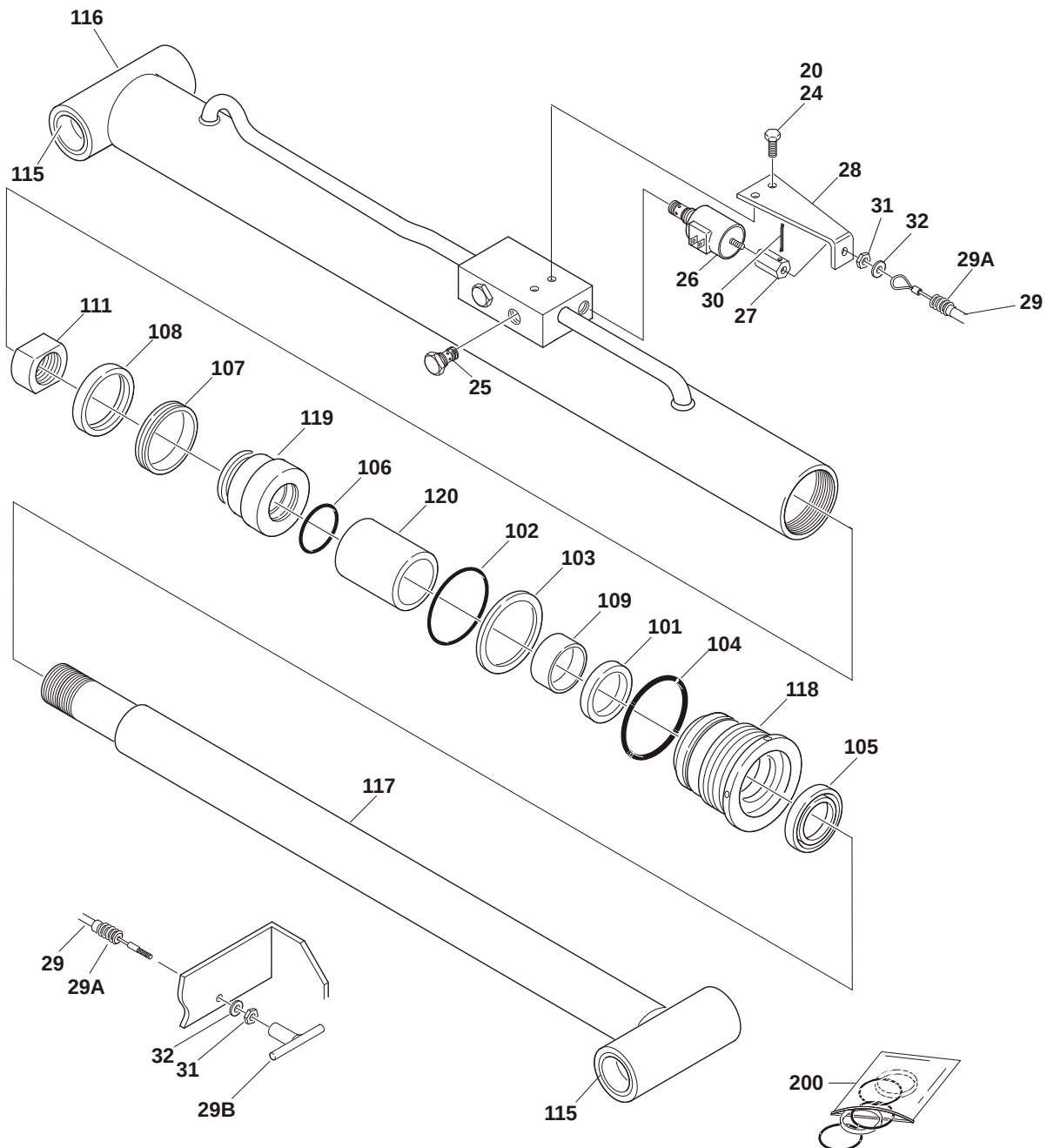
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FIGURE 5-1. BRAKE CYLINDER ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BRAKE CYLINDER ASSEMBLIES	Ref.	
	1683557	Prior to S/N 0200066023	Ref.	A
	1683833	S/N 0200066023 to Present	Ref.	B
		Note: Original Equipment Cylinder may have been replaced with Service Replacement Cylinder. Identify the p/n stamp on the cylinder before ordering parts.	Ref.	
		Note: When replacing complete cylinder use p/n 1683833 as replacement.	Ref.	
1	Not Serviced	Barrel	1	
2	7001609	Locknut	1	
3	7017220	Piston	1	
4	See Note	O-Ring (Note: See Items 100 & 101)	1	
5	See Note	O-Ring (Note: See Items 100 & 101)	1	
6	See Note	Ring, Piston (Note: See Items 100 & 101)	1	
7	See Note	O-Ring (Note: See Items 100 & 101)	1	
8	See Note	Ring, Back-up (Note: See Items 100 & 101)	1	
9	See Note	Seal (Note: See Items 100 & 101)	1	
10	7017221	Guide	1	
11	See Note	Ring, Wiper (Note: See Items 100 & 101)	1	
12		Ring, Retainer Options:	1	
	Use Item 100	1683557 Cylinder		
	7017264	1683833 Cylinder		
13	7017222	Rod	1	
		KIT OPTIONS:	Ref.	
		Seal Kit Options:	1	
100	7017223	1683557 Cylinder (Includes Items 4-9, 11 & 12)		
101	7017262	1683833 Cylinder (Includes Items 4-9 & 11)		

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FIGURE 5-2.LIFT CYLINDER COMPONENTS ASSEMBLY 1532E3/1932E3



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FIGURE 5-2. LIFT CYLINDER COMPONENTS ASSEMBLY 1532E3/1932E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		LIFT CYLINDER SUB-ASSEMBLIES	Ref.	
	0258173	1532E3	Ref.	7/G
	0258174	1932E3	Ref.	6/G
1 to 19	Not Used			
20	0641506	Bolt 5/16"-18NC x 3/4"	2	
21 to 23	Not Used			
24	0100011	Loctite #242	A/R	
25	4641012	Cartridge, Valve (Restrictor/Check)	1	
	7012953	Seal Kit	1	
26	4641001	Cartridge, Valve (with Manual Descent)	1	
	7017445	Cartridge	1	
	7017444	Coil	1	
	7012967	Seal Kit	1	
27	0080228	Adapter	1	
28	0902421	Bracket	1	
29	1060700	Cable Assembly	1	
29A	7019602	Bellows Kit	1	
29B	7020218	T-Handle	1	
30	3450405	Cotter Pin	1	
31	3321402	Jam Nut 1/4"-28NF	2	
32	4711400	Flatwasher 1/4"	2	
	1683500	LIFT CYLINDER ASSEMBLY	Ref.	D
101	Use Item 200	Seal	1	
102	Use Item 200	O-Ring	1	
103	Use Item 200	Ring, Back-Up	1	
104	Use Item 200	O-Ring	1	
105	Use Item 200	Wiper	1	
106	Use Item 200	O-Ring	1	
107	Use Item 200	Seal	1	
108	Use Item 200	Ring, Lock	1	
109	Use Item 200	Ring, Wear	1	
110	Not Used			
111	7017367	Locknut	1	
112 to 114	Not Used			
115	0962012	Bushing	4	
116	7019801	Tube Assembly	1	
117	7019800	Rod Assembly	1	
118	7017382	Head	1	
119	7017399	Piston (Note: Prior to S/N 0200065872 piston is ductile iron. After S/N 0200065873 piston is aluminum. Aluminum piston is directly interchangeable with iron piston. Replacement piston will be aluminum.)	1	
120	7017398	Spacer	1	

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FIGURE 5-2. LIFT CYLINDER COMPONENTS ASSEMBLY 1532E3/1932E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
200	7017389	KIT OPTIONS:	Ref.	
		Seal Kit (Includes Items 101 - 109)	1	

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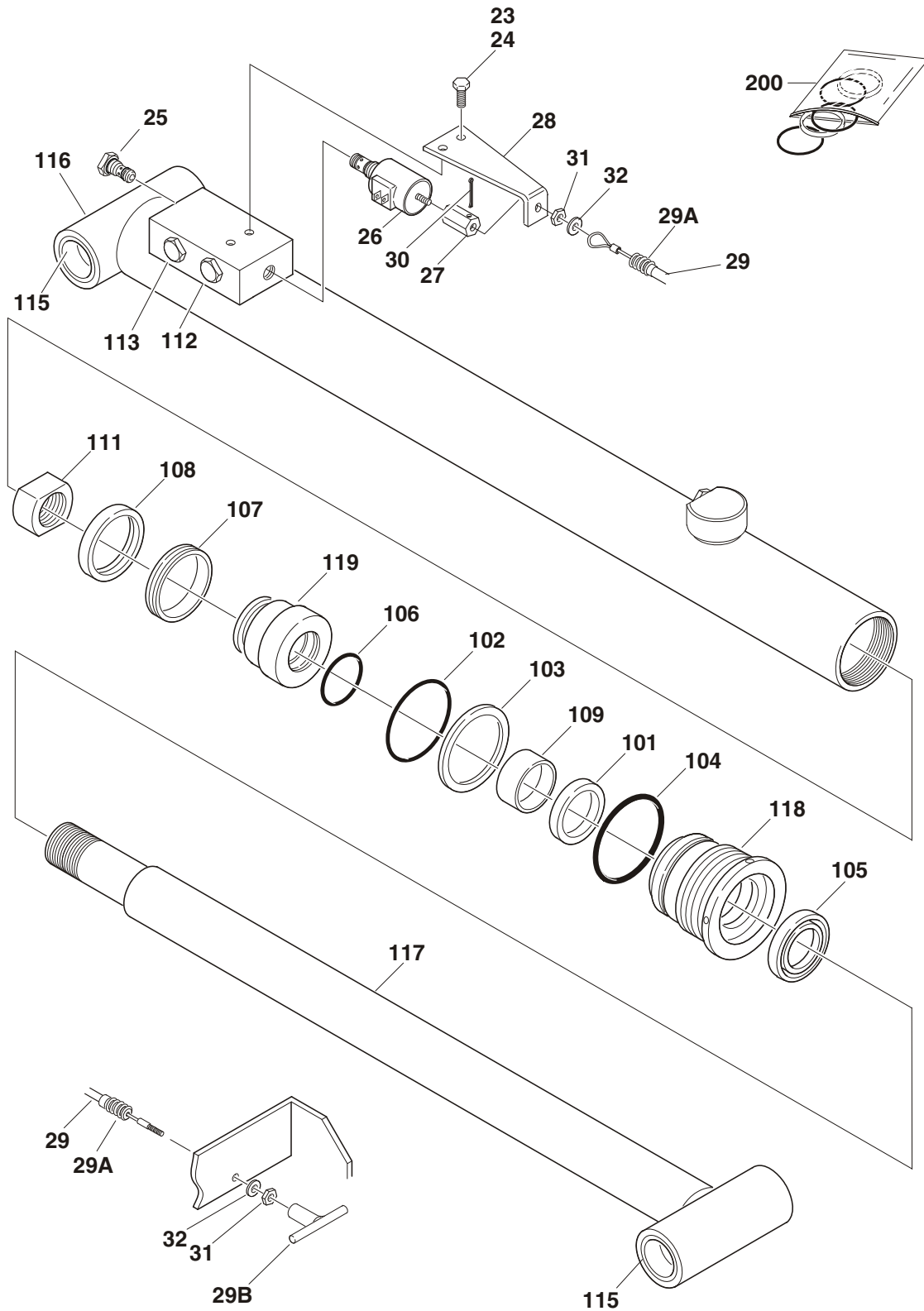
FIGURE 5-2. LIFT CYLINDER COMPONENTS ASSEMBLY 1532E3/1932E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 5-3.LIFT CYLINDER COMPONENTS ASSEMBLY 2033E3/2046E3



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FIGURE 5-3. LIFT CYLINDER COMPONENTS ASSEMBLY 2033E3/2046E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		LIFT CYLINDER SUB-ASSEMBLIES	Ref.	
	0258083	2033E3 without Power Deck	Ref.	8
	0259369	2033E3 with Power Deck	Ref.	5
	0258778	2033E3 with 1000# Capacity	Ref.	8
	0258084	2046E3 without Power Deck	Ref.	9
	0259370	2046E3 with Power Deck	Ref.	5
1 to 22	Not Used			
23	0641506	Bolt 5/16"-18NC x 3/4"	2	
24	0100011	Loctite #242	A/R	
25	4641104	Cartridge, Valve (Restrictor/Check)	1	
	7012967	Seal Kit	1	
26	4641001	Cartridge, Valve (with Manual Descent)	1	
	7017445	Cartridge	1	
	7017444	Coil	1	
	7012967	Seal Kit	1	
27	0080228	Adapter	1	
28	0902421	Bracket	1	
29	1060699	Cable Assembly	1	
29A	7019602	Bellows Kit	1	
29B	7019600	T-Handle	1	
30	3450405	Cotter Pin	1	
31	3321402	Jam Nut 1/4"-28NF	2	
32	4711400	Flatwasher 1/4"	2	
	1683627	LIFT CYLINDER ASSEMBLY	Ref.	D
101	Use Item 200	Seal	1	
102	Use Item 200	O-Ring	1	
103	Use Item 200	Ring, Back-Up	1	
104	Use Item 200	O-Ring	1	
105	Use Item 200	Wiper	1	
106	Use Item 200	O-Ring	1	
107	Use Item 200	Seal	1	
108	Use Item 200	Ring, Lock	1	
109	Use Item 200	Ring, Wear	1	
110	Not Used			
111	7003212	Locknut	1	
112 & 113	Not Available			
114	Not Used			
115	0962012	Bushing	4	
116	7019848	Tube Assembly	1	
117	7019847	Rod Assembly	1	
118	7017376	Head	1	

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FIGURE 5-3. LIFT CYLINDER COMPONENTS ASSEMBLY 2033E3/2046E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
119	7019810	Piston (Note: Prior to S/N 0200065872 piston is ductile iron. After S/N 0200065873 piston is aluminum. Aluminum piston is directly interchangeable with iron piston. Replacement piston will be aluminum.)	1	
		KIT OPTIONS:	Ref.	
200	7019808	Seal Kit (Includes Items 101 - 109)	1	

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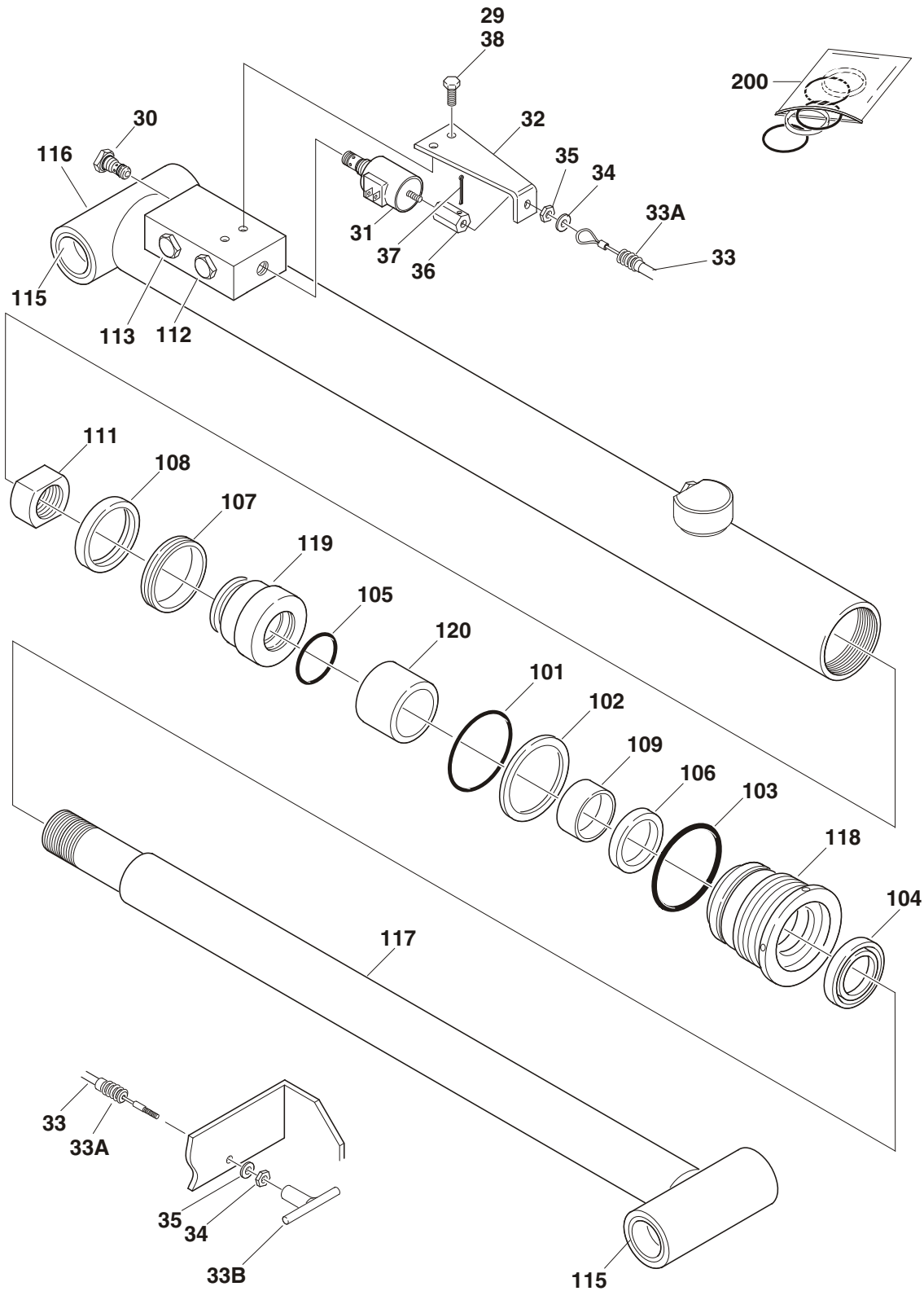
FIGURE 5-3. LIFT CYLINDER COMPONENTS ASSEMBLY 2033E3/2046E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 5-4.LIFT CYLINDER COMPONENTS ASSEMBLY 2646E3/2658E3



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FIGURE 5-4. LIFT CYLINDER COMPONENTS ASSEMBLY 2646E3/2658E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		LIFT CYLINDER SUB-ASSEMBLY	Ref.	
	0258085	Machines without Power Deck	Ref.	10
	0259371	Machines with Power Deck	Ref.	6
1 to 28	Not Used			
29	0641506	Bolt 5/16"-18NC x 3/4"	2	
30	4641104	Cartridge, Valve (Restrictor/Check)	1	
	7012967	Seal Kit	1	
31	4641001	Cartridge, Valve (with Manual Descent)	1	
	7017445	Cartridge	1	
	7017444	Coil	1	
	7012967	Seal Kit	1	
32	0902421	Bracket	1	
33	1060699	Cable Assembly	1	
33A	7019602	Bellows Kit	1	
33B	7020218	T-Handle	1	
34	3321402	Jam Nut 1/4"-28NF	2	
35	4711400	Flatwasher 1/4"	2	
36	0080228	Adapter	1	
37	3450405	Cotter Pin	1	
38	0100011	Loctite #242	A/R	
	1683628	LIFT CYLINDER ASSEMBLY	Ref.	D
101	Use Item 200	O-Ring	1	
102	Use Item 200	Ring, Back-Up	1	
103	Use Item 200	O-Ring	1	
104	Use Item 200	Wiper	1	
105	Use Item 200	O-Ring	1	
106	Use Item 200	Seal	1	
107	Use Item 200	Seal	1	
108	Use Item 200	Ring, Lock	1	
109	Use Item 200	Ring, Wear	1	
110	Not Used			
111	7003226	Locknut	1	
112 & 113	Not Available			
114	Not Used			
115	0962012	Bushing	4	
116	7019825	Tube Assembly	1	
117	7019824	Rod Assembly	1	
118	7017387	Head	1	
119	7019806	Piston (Note: Prior to S/N 0200065872 piston is ductile iron. After S/N 0200065873 piston is aluminum. Aluminum piston is directly interchangeable with iron piston. Replacement piston will be aluminum.)	1	
120	7019873	Spacer	1	

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FIGURE 5-4. LIFT CYLINDER COMPONENTS ASSEMBLY 2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
200	7019804	KIT OPTIONS:	Ref.	
		Seal Kit (Includes Items 101 - 109)	1	

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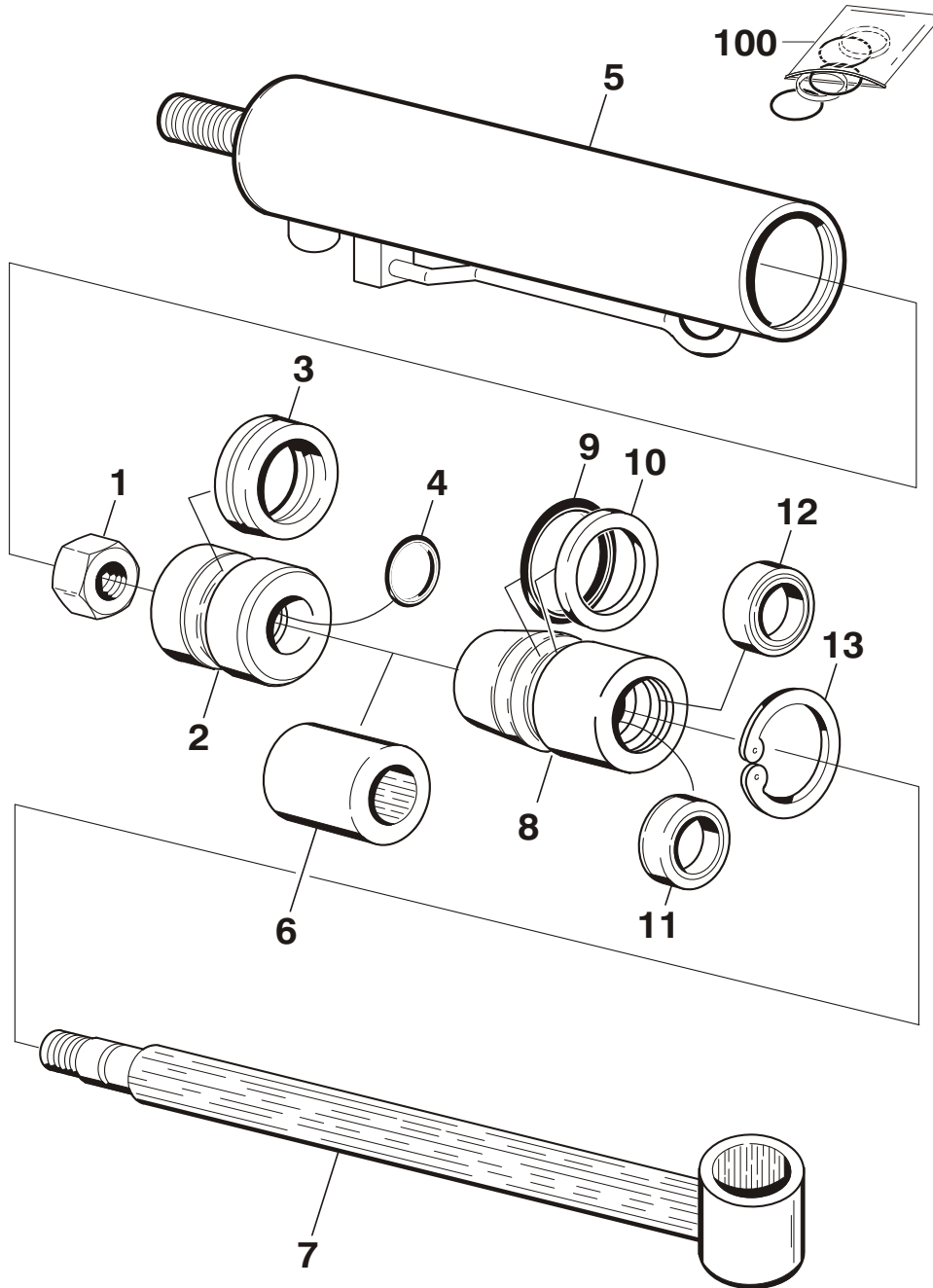
FIGURE 5-4. LIFT CYLINDER COMPONENTS ASSEMBLY 2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 5-5.PLATFORM EXTENSION CYLINDER ASSEMBLY 2033E3/2046E3/
2646E3/2658E3



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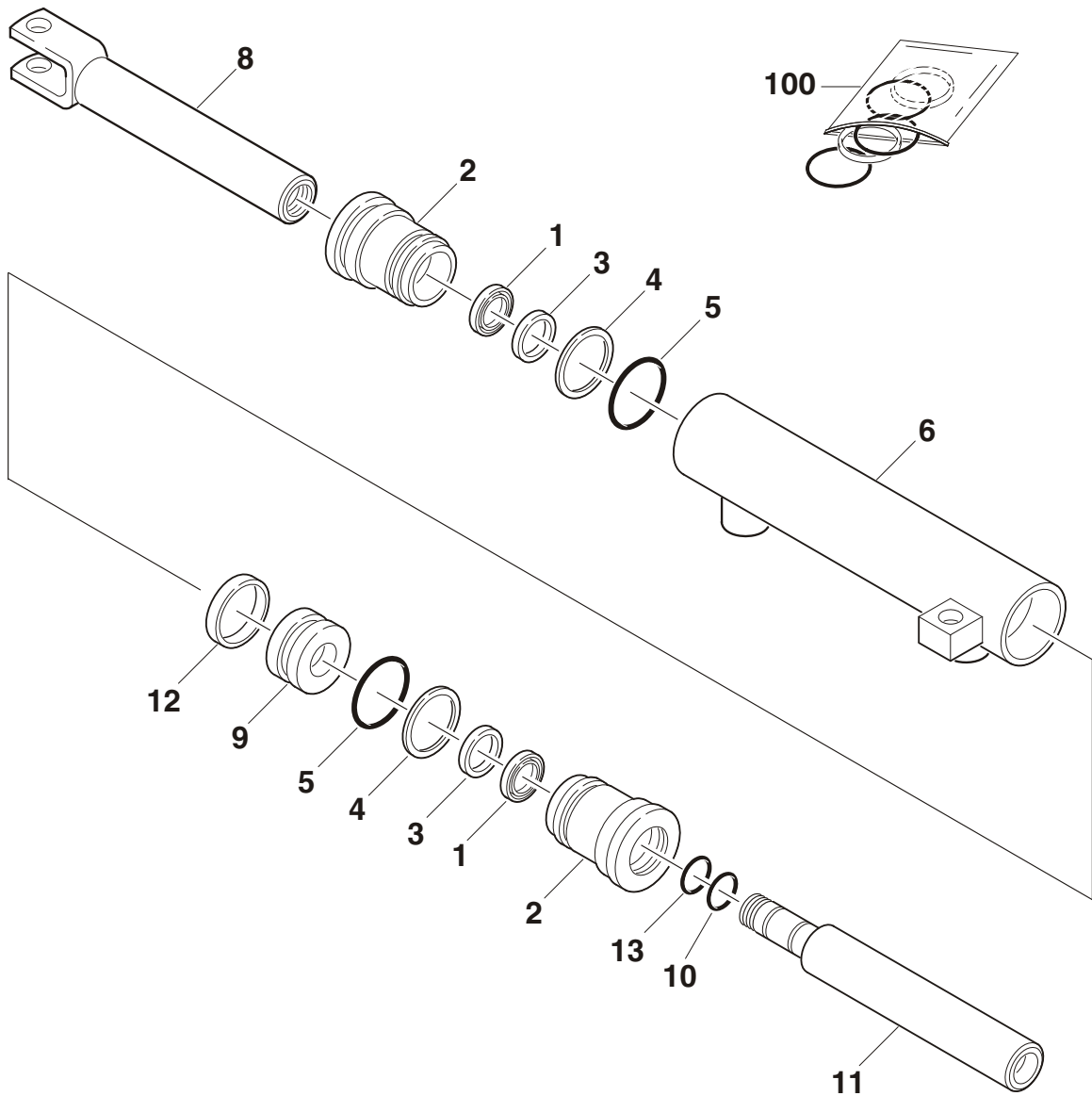
FIGURE 5-5. PLATFORM EXTENSION CYLINDER ASSEMBLY 2033E3/2046E3/2646E3/2658E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		PLATFORM EXTENSION CYLINDER ASSEMBLIES	Ref.	
	1683376	CYLINDER ASSEMBLY 4 FT.	Ref.	B
	1683375	CYLINDER ASSEMBLY 6 FT.	Ref.	B
1	7001609	Nut	1	
2	7001610	Piston	1	
3	Use Item 100	Seal, Piston	1	
4	Use Item 100	O-Ring	1	
5	Not Serviced	Barrel	1	
6		Tube Spacer Options:	1	
	7017205	4 ft. Cylinder Assembly		
	7017203	6 ft. Cylinder Assembly		
7	7017204	Rod	1	
8	7001613	Guide	1	
9	Use Item 100	O-Ring	1	
10	Use Item 100	Ring, Back-up	1	
11	Use Item 100	Seal	1	
12	Use Item 100	Seal, Wiper	1	
13	Use Item 100	Ring, Retainer	1	
		KIT OPTIONS:	Ref.	
100	7001608	Seal Kit - 1683376 and 1683375 Cylinders (Includes items 3, 4, and 9 - 13)		

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FIGURE 5-6.STEER CYLINDER ASSEMBLY (PRIOR TO S/N 0200070496)

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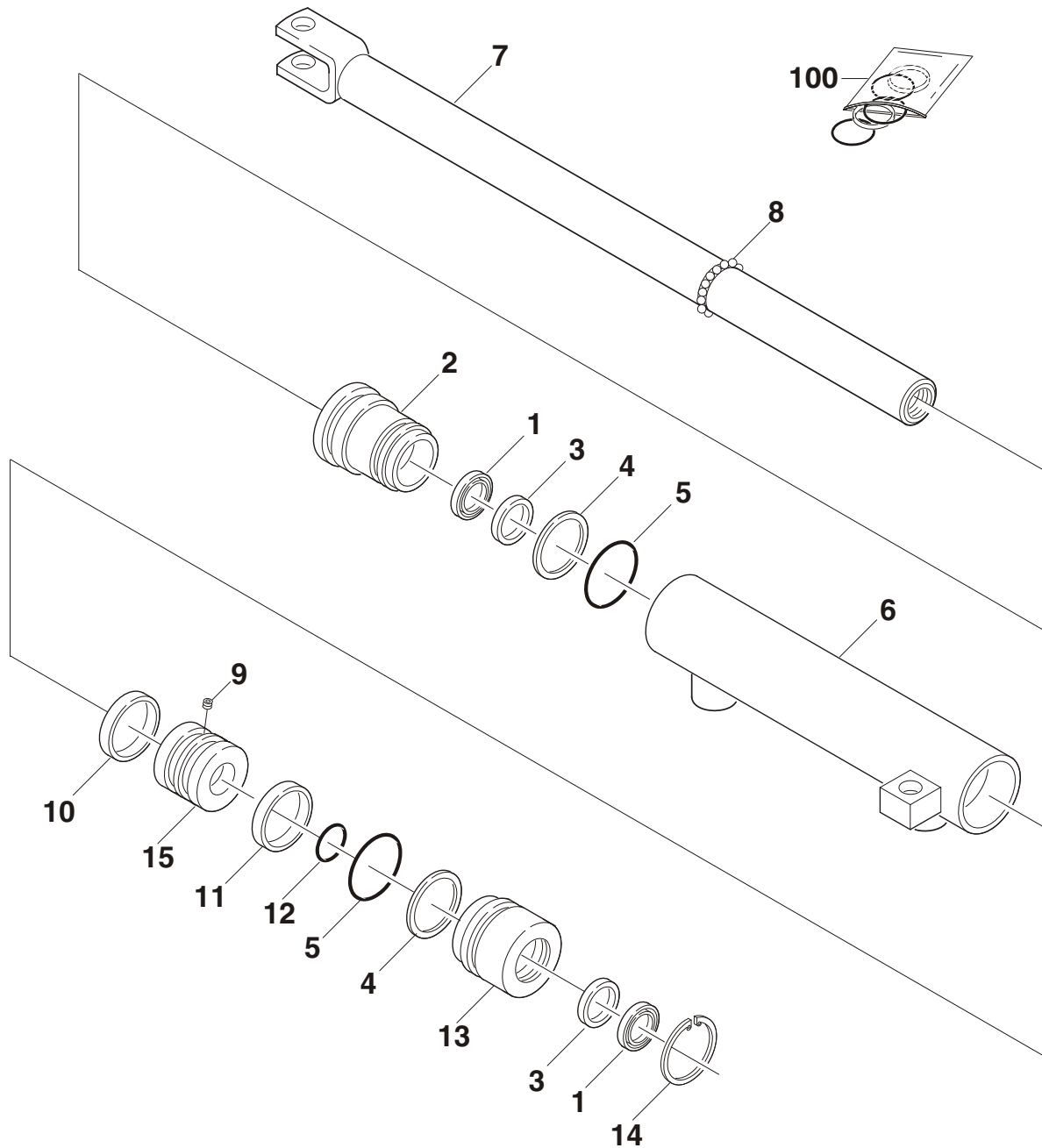
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FIGURE 5-6. STEER CYLINDER ASSEMBLY (PRIOR TO S/N 0200070496)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		STEER CYLINDER ASSEMBLIES	Ref	
	1683428	1532E3/1932E3/2033E3	Ref.	C
	1683429	2046E3/2646E3/2658E3	Ref.	C
		Note: Original Equipment Cylinder may have been replaced with Service Replacement Cylinder. Identify the p/n stamp on the cylinder before ordering parts.	Ref.	
1	Use Item 100	Wiper	2	
2	7017207	Guide	2	
3	Use Item 100	U-Cup	2	
4	Use Item 100	Ring, Back-up	2	
5	Use Item 100	O-Ring	2	
6	Not Serviced			
7	Not Used			
8	7017208	Rod With Clevis	1	
9	7016708	Piston	1	
10	Use Item 100	O-Ring	1	
11	7017209	Rod	1	
12	Use Item 100	Seal, Piston	1	
13	Use Item 100	O-Ring	1	
		KIT OPTIONS:	Ref.	
100	7016707	Seal Kit - Cylinder (Includes Items 1, 3-5, 10, 12 and 13)	1	

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FIGURE 5-7. STEER CYLINDER ASSEMBLY (S/N 0200070496 TO S/N 0200078796)



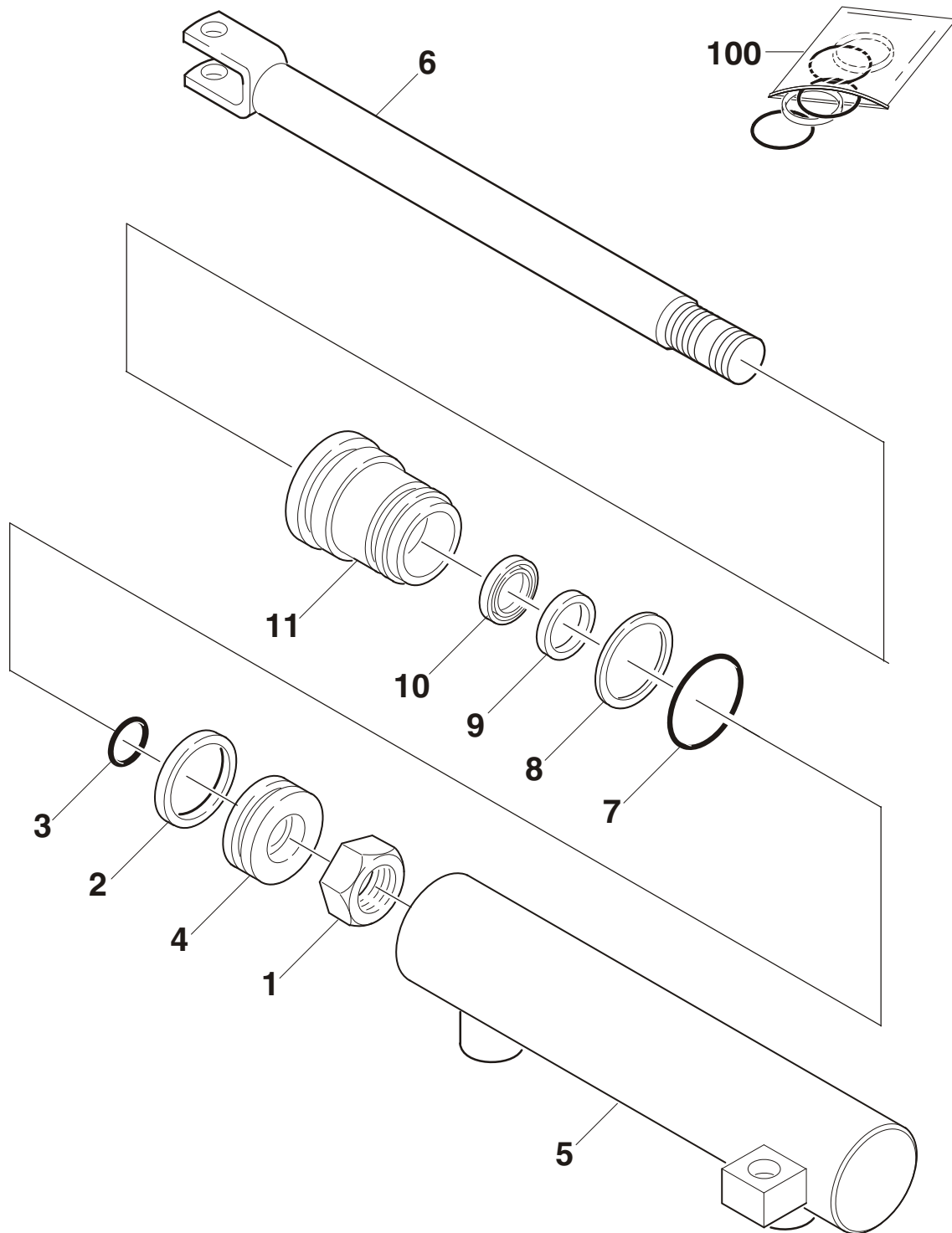
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FIGURE 5-7. STEER CYLINDER ASSEMBLY (S/N 0200070496 TO S/N 0200078796)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		STEER CYLINDER ASSEMBLIES	Ref	
	1683841	1532E3/1932E3/2033E3	Ref.	A
	1683840	2046E3/2646E3/2658E3	Ref.	A
		Note: Original Equipment Cylinder may have been replaced with Service Replacement Cylinder. Identify the p/n stamp on the cylinder before ordering parts.	Ref.	
1	Use Item 100	Wiper	2	
2	7017207	Guide	1	
3	Use Item 100	U-Cup	2	
4	Use Item 100	Ring, Back-up	2	
5	Use Item 100	O-Ring	2	
6	Not Serviced	Barrel	1	
7	7017272	Rod	1	
8	7017273	Bearing, Ball	25	
9	7017274	Setscrew #8-32NC x 1/4"	1	
10	Use Item 100	Ring, Wear	1	
11	Use Item 100	Seal, Piston	1	
12	Use Item 100	O-Ring	1	
13	7017268	Guide	1	
14	Use Item 100	Ring, Retainer	1	
15	7017275	Piston	1	
		KIT OPTIONS:	Ref.	
100	7017270	Seal Kit - Cylinder (Includes Items 1, 3-5, 10-12 and 14)	1	

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FIGURE 5-8. STEER CYLINDER ASSEMBLY (S/N 0200078796 TO S/N 0200105071)



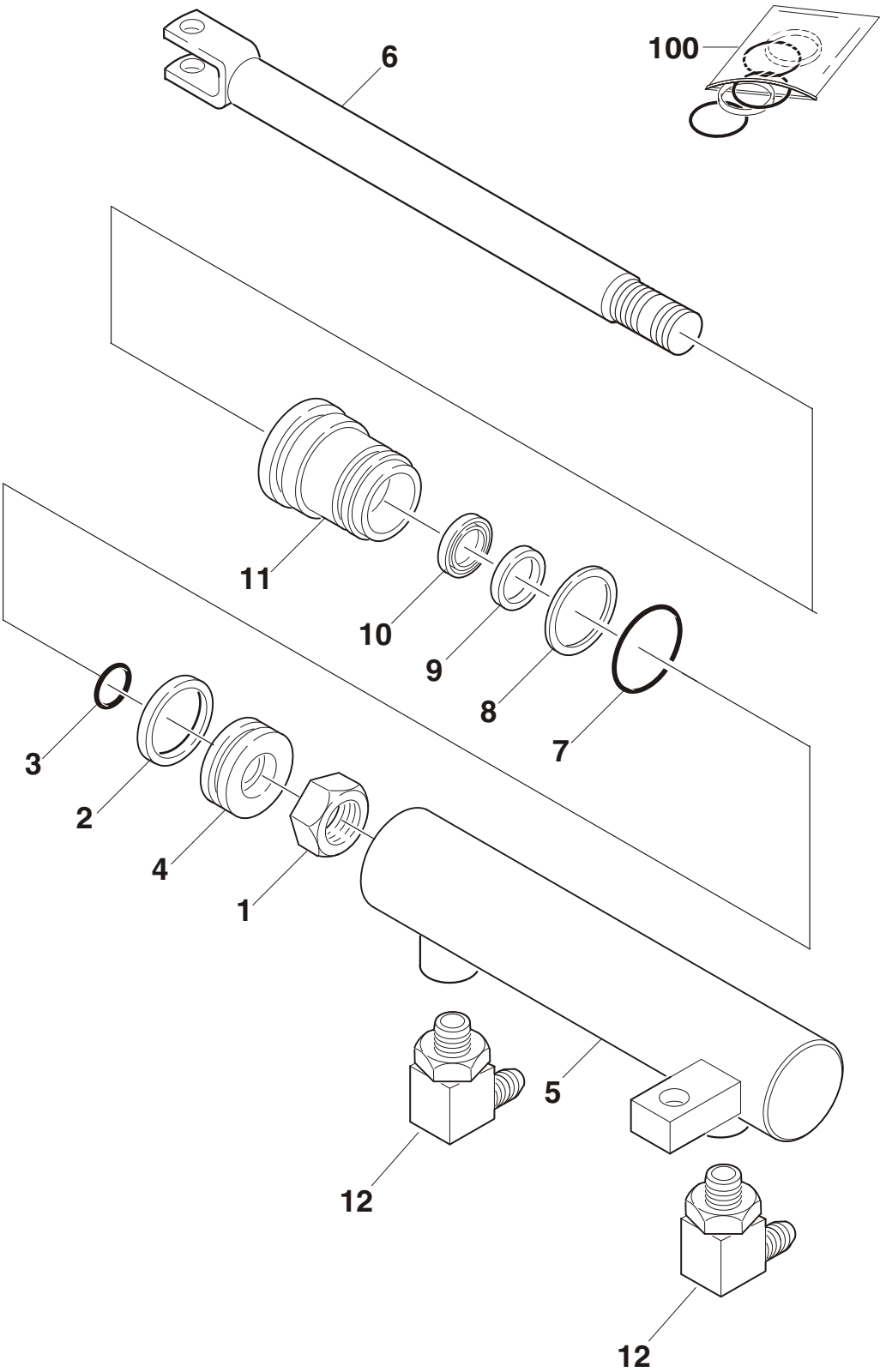
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FIGURE 5-8. STEER CYLINDER ASSEMBLY (S/N 0200078796 TO S/N 0200105071)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		STEER CYLINDER ASSEMBLIES	Ref.	
	1683936	1532E3/1932E3/2033E3	Ref.	A
	1683937	2046E3/2646E3/2658E3	Ref.	A
		Note: Original Equipment Cylinder may have been replaced with Service Replacement Cylinder. Identify the p/n stamp on the cylinder before ordering parts.	Ref.	
1	7017226	Locknut 1/2"-20	1	
2	Use Item 100	Seal, Piston	1	
3	Use Item 100	O-Ring	1	
4	7016708	Piston	1	
5	Not Serviced	Barrel	1	
6	7023019	Rod	1	
7	Use Item 100	O-Ring	1	
8	Use Item 100	Ring, Back-up	1	
9	Use Item 100	U-Cup	1	
10	Use Item 100	Wiper	1	
11	7017207	Guide	1	
		KIT OPTIONS:	Ref.	
100	7017227	Seal Kit - Cylinder (Includes Items 2, 3, 7,8,9 and 10)	1	

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FIGURE 5-9.STEER CYLINDER ASSEMBLY (S/N 0200105071 TO PRESENT)



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FIGURE 5-9. STEER CYLINDER ASSEMBLY (S/N 0200105071 TO PRESENT)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		STEER CYLINDER ASSEMBLIES	Ref.	
	1684226	1532E3/1932E3/2033E3	Ref.	B
	1684227	2046E3/2646E3/2658E3	Ref.	B
		Note: Original Equipment Cylinder may have been replaced with Service Replacement Cylinder. Identify the p/n stamp on the cylinder before ordering parts.	Ref.	
1	7017226	Locknut 1/2"-20	1	
2	Use Item 100	Seal, Piston	1	
3	Use Item 100	O-Ring	1	
4	7016708	Piston	1	
5	Not Serviced	Barrel	1	
6	7023019	Rod	1	
7	Use Item 100	O-Ring	1	
8	Use Item 100	Ring, Back-up	1	
9	Use Item 100	U-Cup	1	
10	Use Item 100	Wiper	1	
11	7017207	Guide	1	
12	7023025	Fitting, Straight	A/R	
	2220472	Fitting, 90°	A/R	
		KIT OPTIONS:	Ref.	
100	7017227	Seal Kit - Cylinder (Includes Items 2, 3, 7,8,9 and 10)	1	

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FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

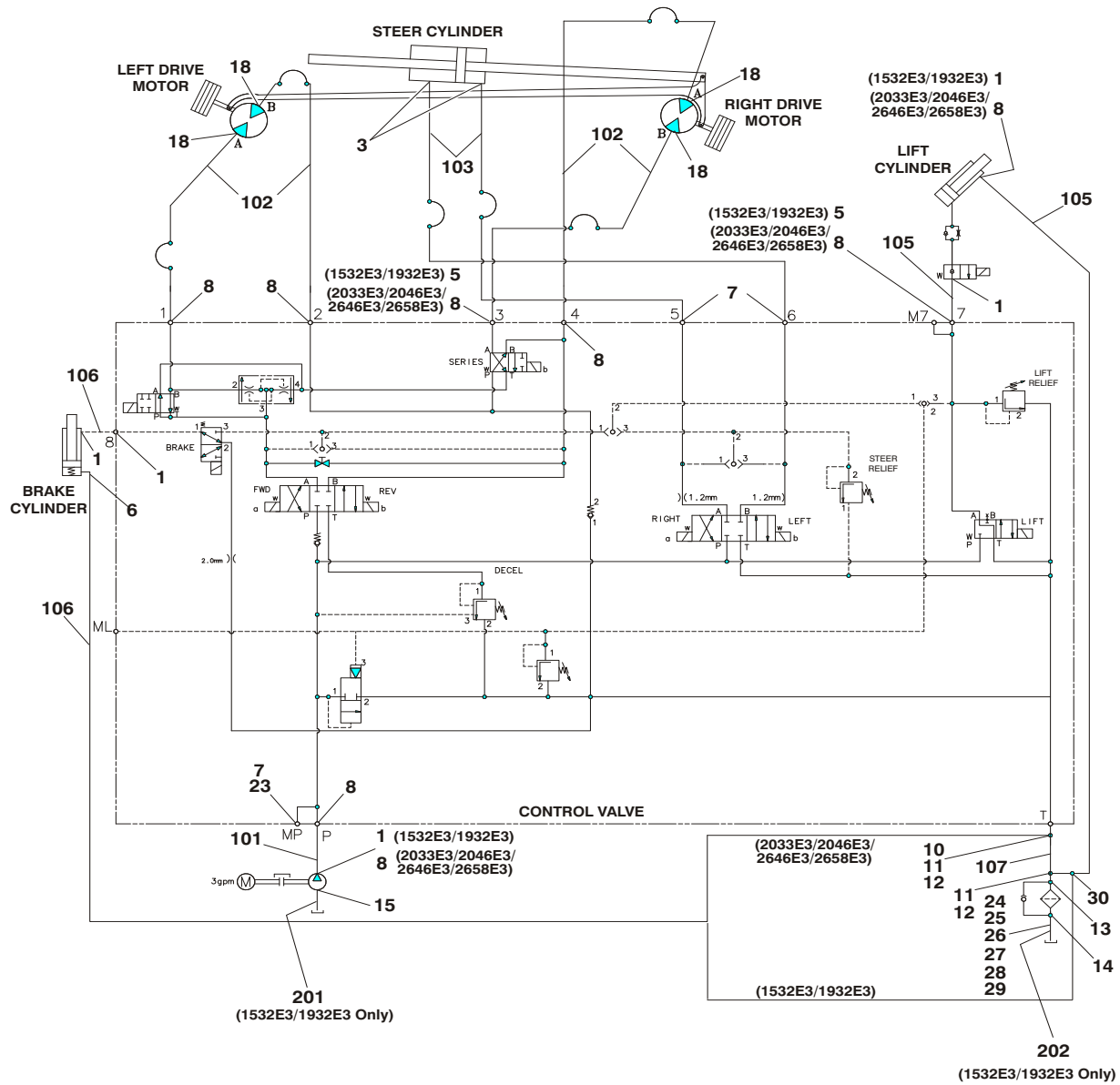
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SECTION 6 HYDRAULIC

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FIGURE 6-1.HYDRAULIC DIAGRAM



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FIGURE 6-1. HYDRAULIC DIAGRAM

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		HYDRAULIC DIAGRAMS	Ref.	
	2792339	1532E3/1932E3	Ref.	9
	2792340	2033E3	Ref.	5
	2792341	2046E3/2646E3	Ref.	6
	2792342	2658E3	Ref.	5
1	2220473	Fitting, 90°	A/R	
2	Not Used			
3	2220585	Fitting, 90° (Prior to S/N 0200105071)	2	
4	Not Used			
5	2220501	Fitting (1532E3/1932E3 Only)	2	
6	2220775	Fitting	1	
7	2220415	Fitting, Straight	A/R	
8	2220371	Fitting, Straight	A/R	
9	Not Used			
10	2220373	Fitting, Straight	1	
11	2220619	Fitting, Reducer	A/R	
12	2220385	Fitting, Tee	A/R	
13		Fitting Options:	1	
	2220470	Fitting, 90°(1532E3/1932E3)		
	2220346	Fitting, Straight (2033E3/2046E3/2646E3/2658E3)		
14	2220347	Fitting, Straight	1	
15	2220593	Fitting, Straight	1	
16	Not Used			
17	Not Used			
18	2221000	Fitting, 90°	4	
19	0100020	Sealant (Not Shown)	A/R	
20	Not Used			
21	1320225	Hose Clamp (Prior to S/N 0200092586 Only)	1	
22	Not Used			
23	2220515	Fitting, Cap	A/R	
24	1320242	Clamp	A/R	
25	4360461	Switch, Temperature	1	
26	3310601	Nut #6-32	1	
27	0100011	Loctite #242	A/R	
28	4460320	Plug, Terminal	1	
29	4460267	Pins	2	
30	2220635	Fitting (1532E3/1932E3 Only)	1	

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FIGURE 6-1. HYDRAULIC DIAGRAM (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		HYDRAULIC HOSE KITS	Ref.	
	2901652	1532E3/1932E3	Ref.	3
	2901653	2033E3	Ref.	2
	2901654	2046E3/2646E3	Ref.	2
	2901655	2658E3	Ref.	3
101		Hose Options:		
	2750920	1532E3/1932E3	1	
	2752463	2033E3/2046E3/2646E3/2658E3	1	
102		Hose Options:		
	2752968	1532E3/1932E3	4	
	2752957	2033E3	4	
	2752959	2046E3/2646E3	4	
	2752961	2658E3	4	
103		Hose Options:		
	2752593	1532E3/1932E3	2	
	2752609	2033E3/2046E3/2646E3	2	
	2752603	2658E3	2	
104	Not Used			
105		Hose Options:		
	2752192	1532E3/1932E3	2	
	2752194	2033E3	2	
	2752193	2046E3/2646E3/2658E3	2	
106		Hose Options:		
	2752478	1532E3/1932E3	2	
	2750999	2033E3/2046E3/2646E3/2658E3	2	
107		Hose Options:		
	2750982	1532E3/1932E3	1	
	2752931	2033E3/2046E3/2646E3/2658E3	1	
	2901650	HYDRAULIC TUBE KIT (1532E3/1932E3 ONLY)	Ref.	1
201	4567649	Tube, Suction	1	
202	4566969	Tube, Return	1	

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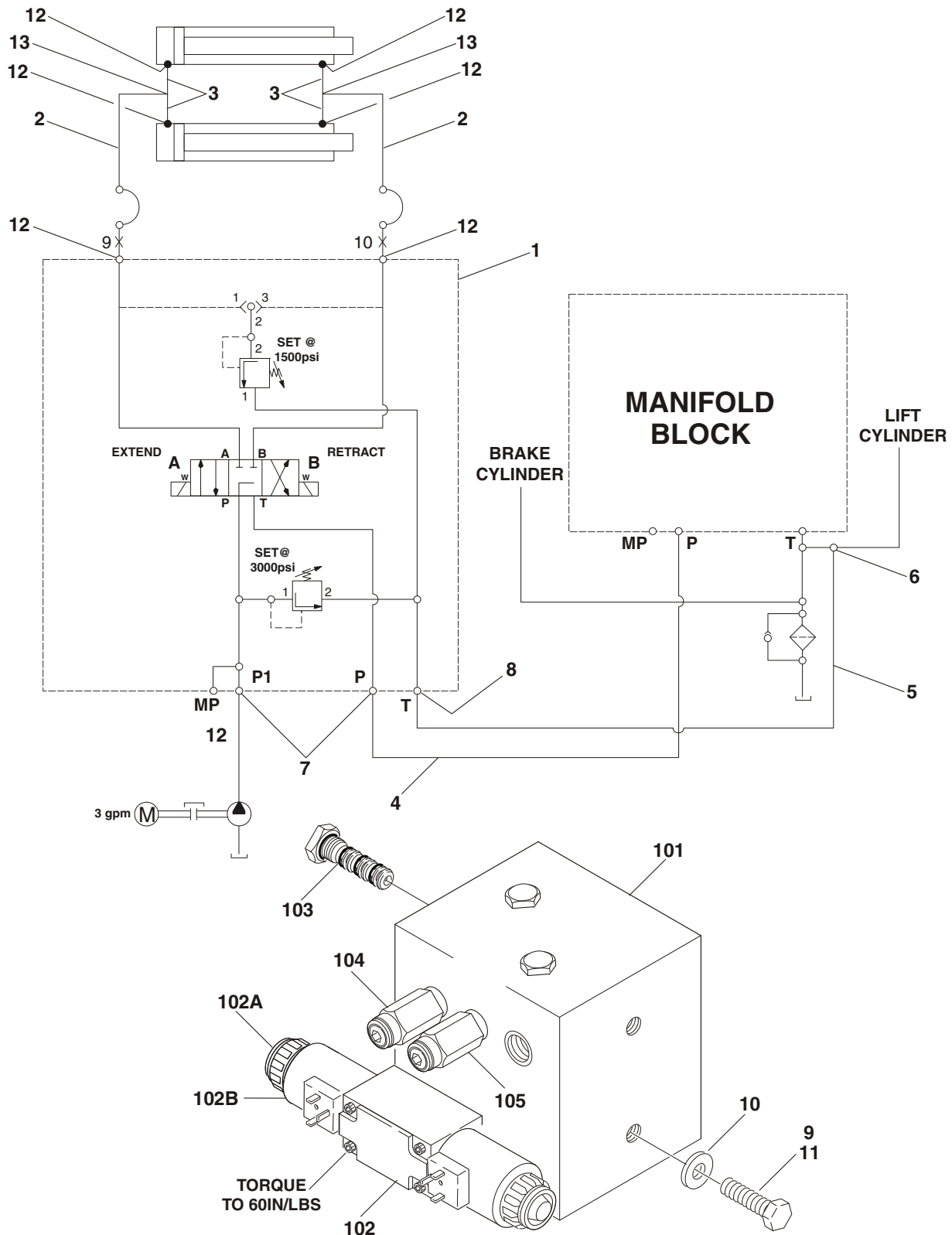
FIGURE 6-1. HYDRAULIC DIAGRAM (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 6-2. POWER DECK HYDRAULIC DIAGRAM



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FIGURE 6-2. POWER DECK HYDRAULIC DIAGRAM

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		HYDRAULIC DIAGRAMS	Ref.	
	2792347	2033E3	Ref.	5
	2792348	2046E3	Ref.	5
	2792349	2646E3	Ref.	5
	2792350	2658E3	Ref.	5
1	4641106	Valve, Power Deck Manifold	1	
2		Hose Options:	2	
	2753313	2033E3 (Prior to S/N 0200100187)		
	2751166	2033E3 (S/N 0200100187 to Present)		
	2750996	2046E3 (Prior to S/N 0200100187)		
	2753073	2046E3 (S/N 0200100187 to Present)		
	2753312	2646E3/2658E3		
3		Hose Options:	4	
	2752648	2033E3	2	
	2753314	2046E3/2646E3		
	2753315	2658E3		
4	2753118	Hose	1	
5	2752467	Hose	2	
6	2220635	Fitting, Tee	1	
7	2220371	Fitting, Straight	2	
8	2220603	Fitting, Straight	1	
9	0641605	Bolt 5/16"-18NC x 5/8"	2	
10	4711600	Flatwasher 5/16"	2	
11	0100020	Loctite #567	A/R	
12	2220473	Fitting, 90°	6	
13	2220490	Fitting, Tee	2	
	4641106	HYDRAULIC VALVE - POWER DECK	Ref.	A
101	Not Serviced	Block, Manifold	1	
102	7012793	Rexroth Valve Section (Control)	1	
	7012773	Seal Kit - 7012793 Cartridge	2	
102A	7018912	Nut	2	
	7018943	O-Ring	2	
102B	7018917	Coil	2	
103	7018300	Cartridge, Valve (Shuttle)	1	
	7018301	Seal Kit - 7018300 Cartridge	1	
104	7018919	Cartridge, Valve (Relief)	1	
	7016351	Seal Kit - 7018919 Cartridge	1	
105	7018302	Cartridge, Valve (Relief)	1	
	7016351	Seal Kit - 7018302 Cartridge	1	

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FIGURE 6-2. POWER DECK 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 (*) are shown in the following pages. Diagrams not shown are available from the JLG Service Department.	Ref.	
		ALARM ELECTRICAL DIAGRAMS	Ref.	
	1282507/ 1282706	Descent Alarm	Ref.	G/B
	1282507/ 1282706	Motion Alarm	Ref.	G/B
	1282507/ 1282706	Travel Alarm	Ref.	G/B
	0258800	BEACON LIGHT ELECTRICAL DIAGRAM	Ref.	B
	0258801	BEACON LIGHT ELECTRICAL DIAGRAM (UL)	Ref.	B
	1283009	GENERATOR ELECTRICAL DIAGRAMS	Ref.	C
		LIGHTS ELECTRICAL DIAGRAMS	Ref.	
	1282531	Work Lights (Prior to S/N 0200063475)	Ref.	E
	1283081	Work Lights (S/N 0200063475 to Present)	Ref.	B
	1282902	Work Lights W/Folddown Rails (Prior to S/N 0200063475)	Ref.	A
	1283082	Work Lights W/Folddown Rails (S/N 0200063475 to present)	Ref.	B
	0257665	PERIMETER SWITCH ELECTRICAL DIAGRAM (PRIOR TO S/N 0200070220)	Ref.	B
	1283094	PERIMETER SWITCH ELECTRICAL DIAGRAM (S/N 0200070220 TO PRESENT)	Ref.	E
	1282896	GROUND TO PLATFORM ELECTRICAL DIAGRAM	Ref.	G
	4922082	Cable Assembly - 1532E3	Ref.	4
	4922083	Cable Assembly - 1932E3	Ref.	3
	4922084	Cable Assembly - 2033E3	Ref.	6
	4922296	Cable Assembly - 2046E3	Ref.	3
	4922085	Cable Assembly - 2646E3/2658E3	Ref.	5
	1282880*	ELECTRICAL SCHEMATIC	Ref.	M
	4933016	1532E3/1932E3	Ref.	3
	4933017	2033E3/2046E3/2646E3/2658E3 with Manually Operated Platform Extension	Ref.	3
	4933106	2033E3/2046E3/2646E3/2658E3 with Hydraulically Operated Platform Extension	Ref.	1

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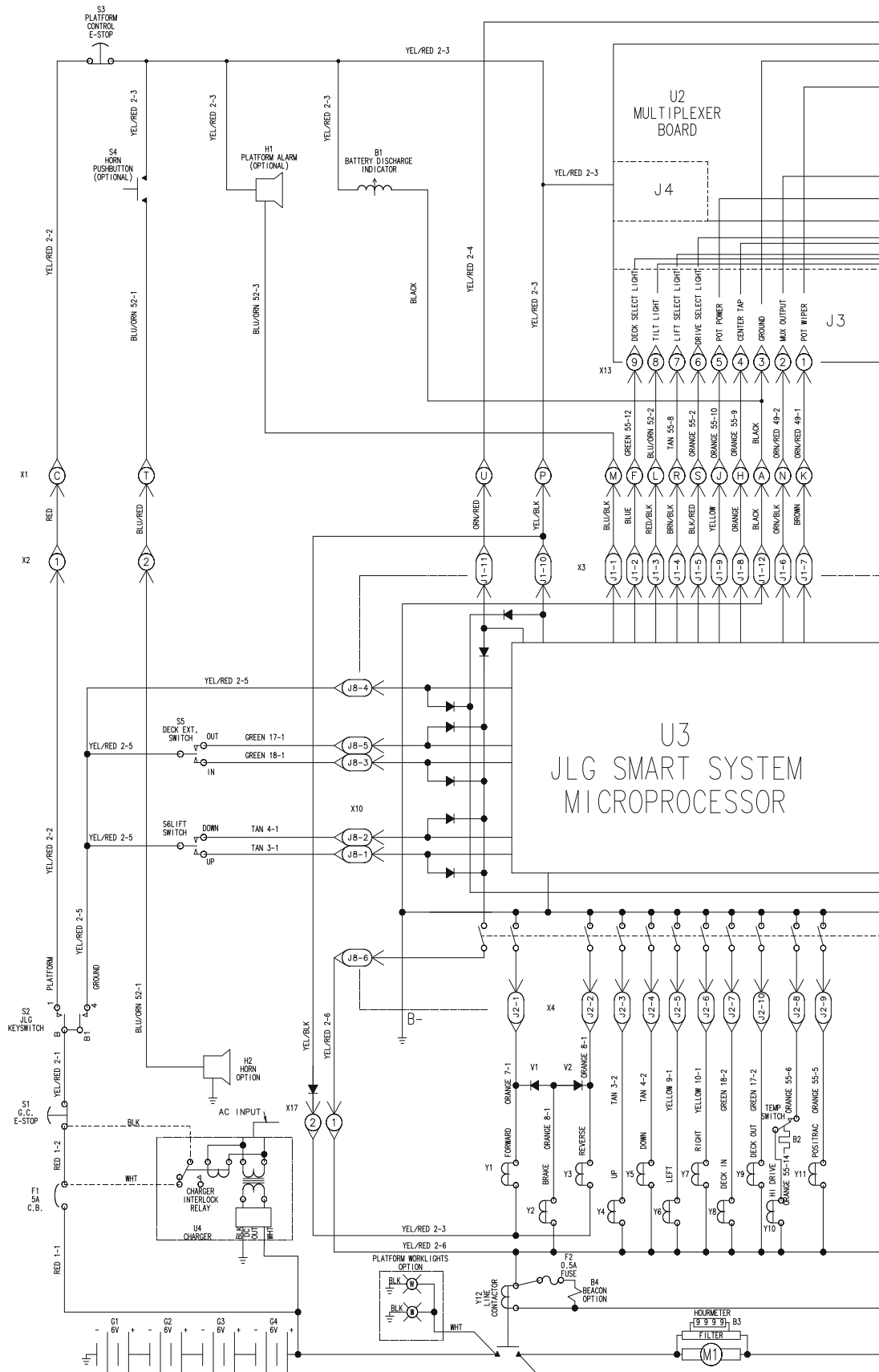
FIGURE 7-1.ELECTRICAL DIAGRAM LIST

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

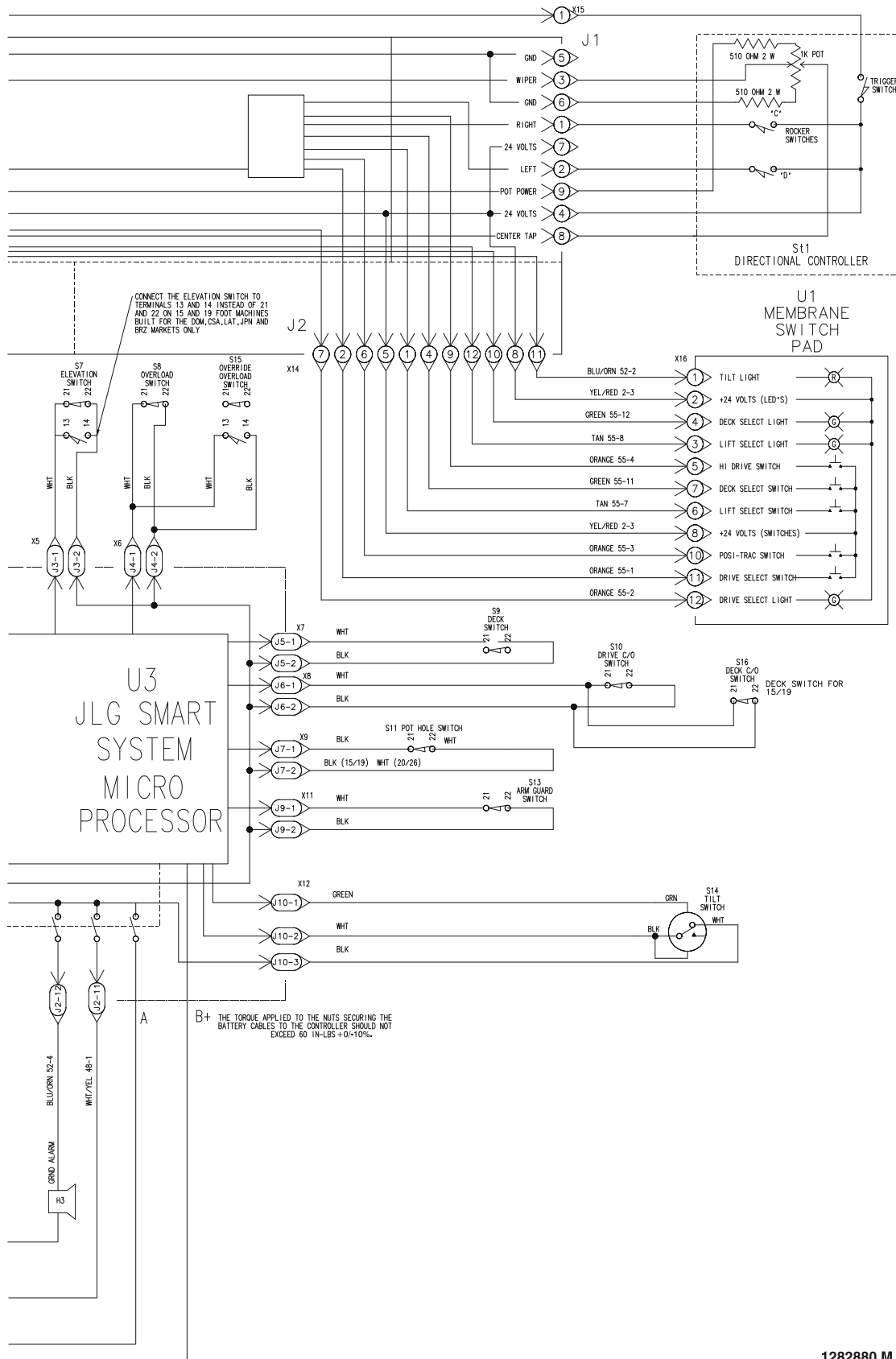
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FIGURE 7-2.ELECTRICAL SCHEMATIC - STANDARD

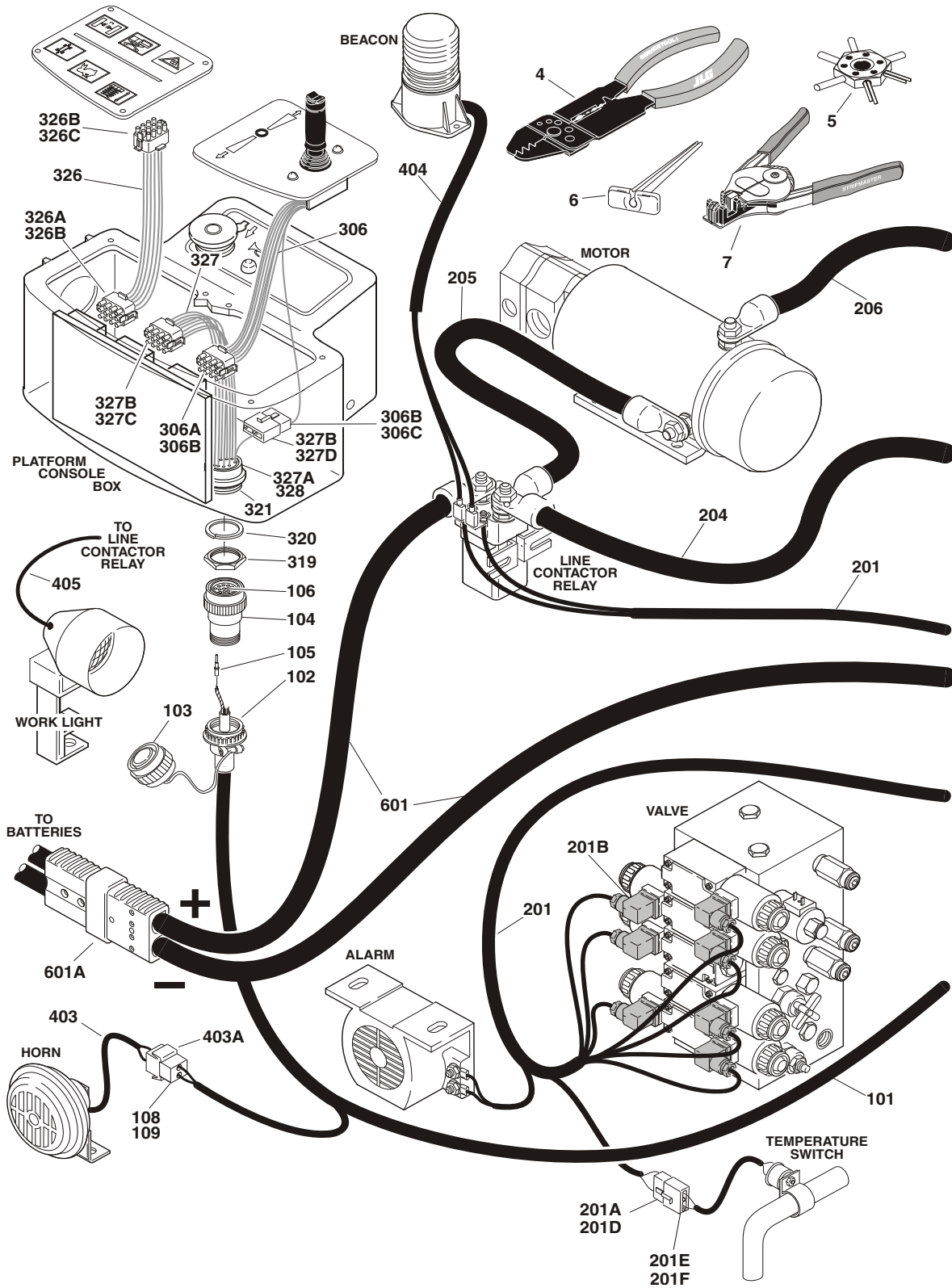


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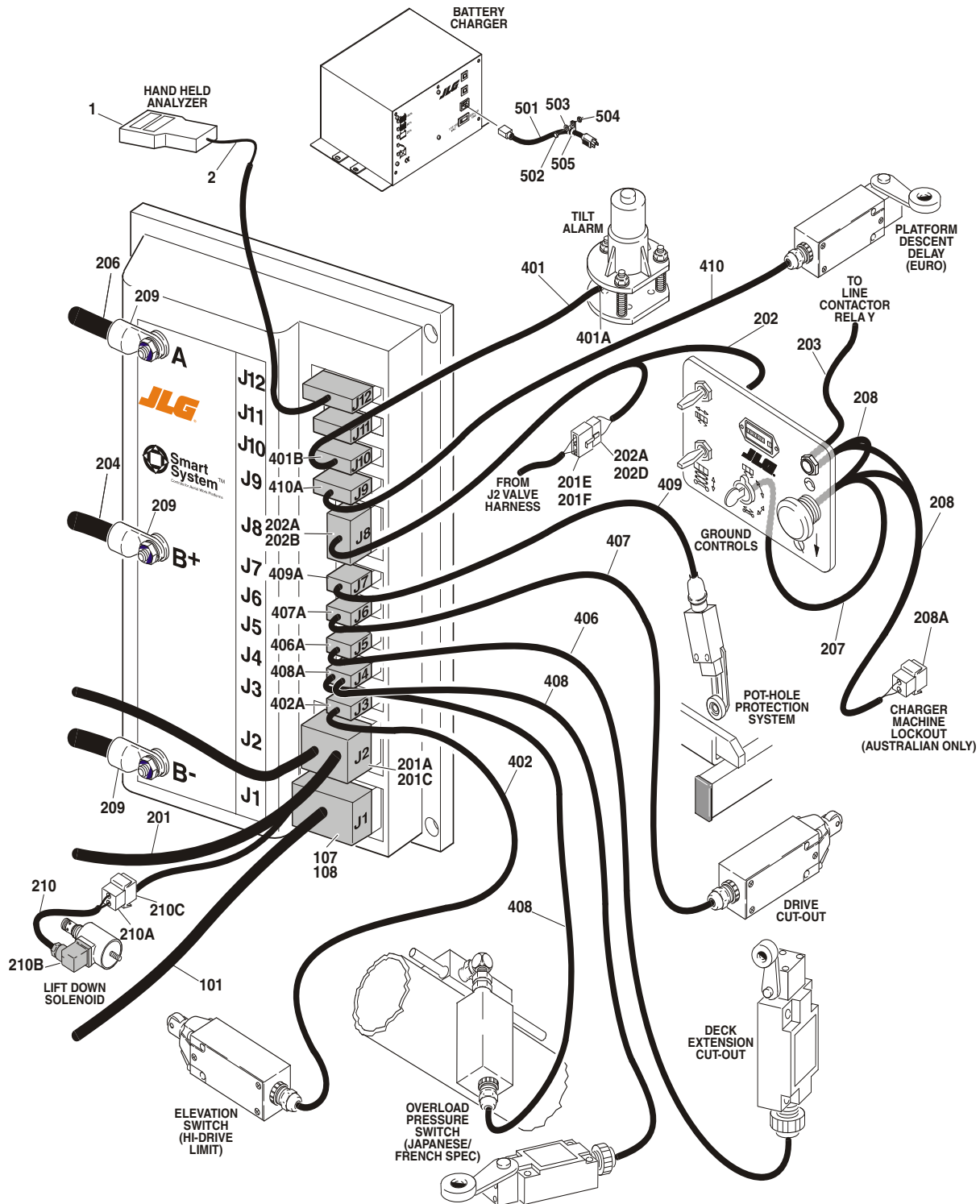


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FIGURE 7-3. HARNESS AND CABLE ASSEMBLIES



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FIGURE 7-3. HARNESS AND CABLE ASSEMBLIES

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		TOOLS	Ref.	
	2900874	Configurator Kit (Computer Software Kit)	1	
	2901443	Analyzer and Cable Kit (Includes 1600244 & 1060633)	1	
1	1600244	Analyzer, SMART System Controller	1	
2	1060633	Cable, Communication (Analzer to Controller)	1	
3	Not Used			
4	7002821	Crimper (For Wire to Pin/Socket Connections)	1	
5	7002823	Extractor (For Removal of Pins/Sockets form Connectors)	1	
6	4460467	Extractor - 16-18 Gauge (For Removal of Pins/Sockets form Deutsch Connectors)	1	
	4460510	Extractor - 12-14 Gauge (For Removal of Pins/Sockets form Deutsch Connectors)	1	
7	8896941	Stripper, Wire	1	
8	0100048	Compound, Silicone (Use on Connectors/Receptacles) (Not Shown)	A/R	
	1282896	CABLE ASSEMBLIES - GROUND TO PLATFORM	Ref.	G
	4922082	Cable Assembly - 1532E3	Ref.	4
	4922083	Cable Assembly - 1932E3	Ref.	3
	4922084	Cable Assembly - 2033E3	Ref.	6
	4922296	Cable Assembly - 2046E3	Ref.	3
	4922085	Cable Assembly - 2646E3/2658E3	Ref.	5
101	1060608	Cable, Electrical - 18/14 Options: 1532E3 1932E3 2033E3 2046E3 2646E3/2658E3	37ft./11.2m 42ft./12.8m 40ft./12.2m 43ft./13.1m 53ft./16.2m	
102	4460473	Clamp, Cable	1	
103	4460468	Cap, Dust	1	
104	4460614	Connector, Deutsch - 21 Pin	1	
105	4460465	Socket, Female	14	
106	4460466	Plug, Sealing	7	
107	4460343	Connector - 12 Pin	1	
108	4460267	Pin, Male	15	
109	4460320	Connector - 2 Pin	1	
110	Not Used			
111	3990010	Diode, 6A 600Volt (Not Shown)		
		WIRING DIAGRAM OPTIONS:	Ref.	
	4933016	1532E3/1932E3	Ref.	3
	4933017	2033E3/2046E3/2646E3/2658E3 with Manually Operated Platform Extension	Ref.	3
	4933106	2033E3/2046E3/2646E3/2658E3 with Hydraulically Operated Platform Extension	Ref.	1

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FIGURE 7-3. HARNESS AND CABLE ASSEMBLIES

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
201		Harness - Valve Options:	1	
		Manually Operated Platform Extension		3
	Use 4922678	Prior to S/N 0200103404 (was p/n 4922209)		
	4922678	S/N 0200103404 to Present		
	4922208	Hydraulically Operated Platform Extension		1/B
201A	4460268	Socket, Female	A/R	
201B	4460449	Connector, DIN	A/R	
201C	4460343	Connector - 12 Pin	1	
201D	4460424	Connector, Female - 2 Position	2	
201E	4460320	Connector - 2 Pin	1	
201F	4460267	Pin, Male	2	
201G	3990010	Diode 6 Amp (Not Shown)	2	
202		Harness - Ground Control Options:		
	4922211	1532E3/1932E3		2
	4922208	2033E3/2046E3/2646E3/2658E3		2
202A	4460268	Socket, Female	A/R	
202B	4460225	Connector - 6 Pin	1	
202C	4460424	Connector, Female - 2 Position	2	
202D	4460267	Pin, Male	1	
203		Harness - Ground Power Options:		
	4922014	1532E3/1932E3		1
	4921891	2033E3/2046E3/2646E3/2658E3		2
204		Cable, Battery Options:		
	1060703	1532E3/1932E3	1	
	1060665	2033E3/2046E3/2646E3/2658E3	1	
205	1060704	Cable, Battery	1	
206	1060705	Cable, Battery	1	
207	4922210	Harness - Keyswitch	1	
208	4921893	Harness - Emergency Stop	1	
	Not Available	Harness - Charger Machine Lockout (Australian Spec Only)	1	
	1060341	Cable, Electrical - 16/2 (Australian Spec Only)	10ft/3.0m	
208A	4460320	Connector (Australian Spec Only)	1	
	4460268	Socket, Female (Australian Spec Only)	2	
209	0840025	Boot, Terminal	8	
210	4922011	Harness - Lift Down	1	
210A	4460320	Connector, Female - 2 Pin	1	
	4460267	Pin, Male	2	
210B	4460449	Terminal, Connector	1	
210C	4460424	Connector, Female - 2 Position	1	
	4460268	Socket, Female	2	
211	0100048	Grease, Dielectric	A/R	
		PLATFORM CONSOLE BOX ASSEMBLIES	Ref.	
301 to 305	Not Used			
306	Not Available	Harness, Controller	1	
306A	4460265	Connector, Female	1	
306B	4460268	Socket, Female	8	

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FIGURE 7-3. HARNESS AND CABLE ASSEMBLIES

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
306C	4460424	Connector, Female - 2 Position	1	
307 to 318	Not Used			
319	4460470	Nut, Receptacle	1	
320	4460471	Lockwasher, Receptacle	1	
321	4460613	Connector, Deutsch	1	
322 to 325	Not Used			
326	4922183	Harness - Membrane Switch	1	
326A	4460268	Socket, Female	A/R	
326B	4460343	Plug, Male	2	
326C	4460267	Pin, Male	A/R	
327	4922184	Harness - Platform Console Box		
327A	4460265	Plug, Male	1	
327B	4460267	Pin, Male	A/R	
327C	4460343	Plug, Male	1	
327D	4460320	Connector, Female	1	
328	4460466	Plug, Sealing	7	
		ACCESSORIES HARNESS ASSEMBLIES	Ref.	
401		Harness - Tilt Alarm Options:	1	
	4921819	Prior to S/N 0200060218		A
	4922285	S/N 0200060218 to Present		1/B
	1060330	Cable, Electrical - 16/3	8ft./2.4m	
401A	4460445	Connector, Female - 3 Pin	1	
	4460227	Pin, Male	3	
401B	4460326	Plug, Male	1	
	4460268	Socket, Female	3	
402	Not Available	Harness - Hi-Drive Limit Switch	1	
	1060680	Cable, Electrical - 18/2	9ft./2.74m	
402A	4460320	Plug, Male	2	
	4460268	Socket, Female	2	
403	4922258	Harness - Horn	1	1
403A	4460424	Connector, Female - 2 Position	1	
	4460268	Socket, Female	2	
404	Not Available	Harness Beacon	1	
	1060680	Cable, Electrical - 18/2	10ft./3.0m	
405	Not Available	Harness - Worklight	1	
	1060341	1532E3 Prior to S/N 0200063475	40ft./12.2m	
	1060680	1532E3 S/N 0200063475 to Present	32ft/9.8m	
	1060341	1932E3 Prior to S/N 0200063475	48ft/14.6m	
	1060680	1932E3 S/N 0200063475 to Present	38ft/11.6m	
	1060341	2033E3/2046E3 Prior to S/N 0200063475	54ft/16.5m	
	1060680	2033E3/2046E3 S/N 0200063475 to Present	51ft/15.6m	
	1060341	2646E3/2658E3 Prior to S/N 0200063475	61ft/18.6m	
	1060680	2646E3/2658E3 S/N 0200063475 to Present	61ft/18.6m	
406	Not Available	Harness - Deck Extend Cutout	1	
	1060341	Cable, Electrical - 16/2	A/R	
		1532E3	40ft./12.2m	
		1932E3/2033E3/2046E3	46ft./14m	

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FIGURE 7-3. HARNESS AND CABLE ASSEMBLIES

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
406 (cont'd)		2646E3/2658E3	54ft./16.5m	
406A	4460320	Plug, Male	1	
	4460268	Socket, Female	2	
407	Not Available	Harness - Drive Cutout	1	
	1060680	Cable, Electrical - 18/2	A/R	
407A	4460320	Plug, Male	1	
	4460268	Socket, Female	2	
408	Not Available	Harness - Overload (Japanese/French Spec.)	1	
	1060680	Cable, Electrical - 18/2	A/R	
		1532E3/1932E3	30ft./9.1m	
		2033E3/2046E3/2646E3/2658E3	35ft./11m	
408A	4460320	Plug, Male	1	
	4460268	Socket, Female	2	
409	Not Available	Harness - Pothole Protection System	1	
	1060680	Cable, Electrical - 18/2	A/R	
		1532E3/1932E3		
		2033E3/2046E3/2646E3/2658E3	6ft./1.83m	
409A	4460320	Plug, Male	1	
	4460268	Socket, Female	2	
410	Not Available	Harness - Platform Descent Delay (Euro Spec)	1	
		Cable, Electrical Options:	8ft/2.4m	
	1060341	16/2 Cable - Prior to S/N 0200066023		
	1060680	18/2 Cable - S/N 0200066023 to Present		
410A	4460326	Plug, Male	1	
	4460226	Socket, Female	2	
	0259214	AC CHARGER CORD INSTALLATION	Ref.	1
501	1060688	Cable, Ac Cord	1	
502	0641406	Bolt 1/4"-20NC x 3/4"	1	
503	4751400	Flatwasher 1/4"	1	
504	3311405	Locknut 1/4"-20NC	1	
505	1320040	Clamp	1	
		BATTERY CABLE ASSEMBLIES	Ref.	
601		Battery Cable Assembly Options:		
	1060606	1532E3/1932E3	1	3
	1060605	2033E3/2046E3/2646E3/2658E3	1	2
601A	4460618	Connector, Anderson (Includes Both Halves)	1	

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FIGURE 7-3. HARNESS AND CABLE ASSEMBLIES

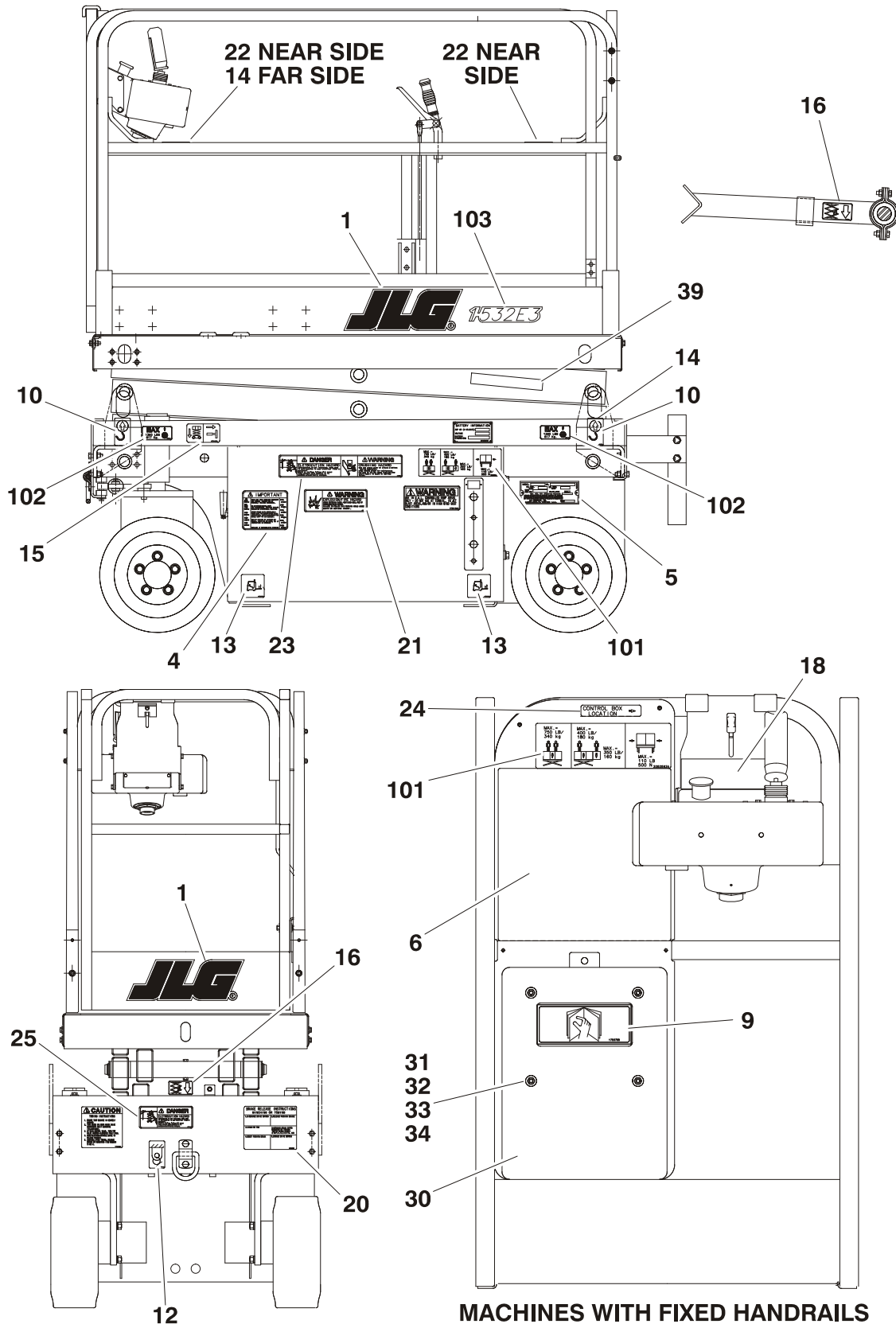
FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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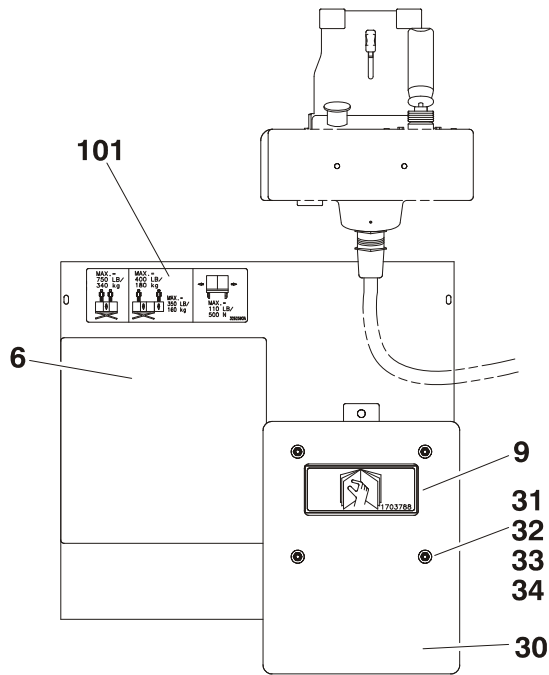
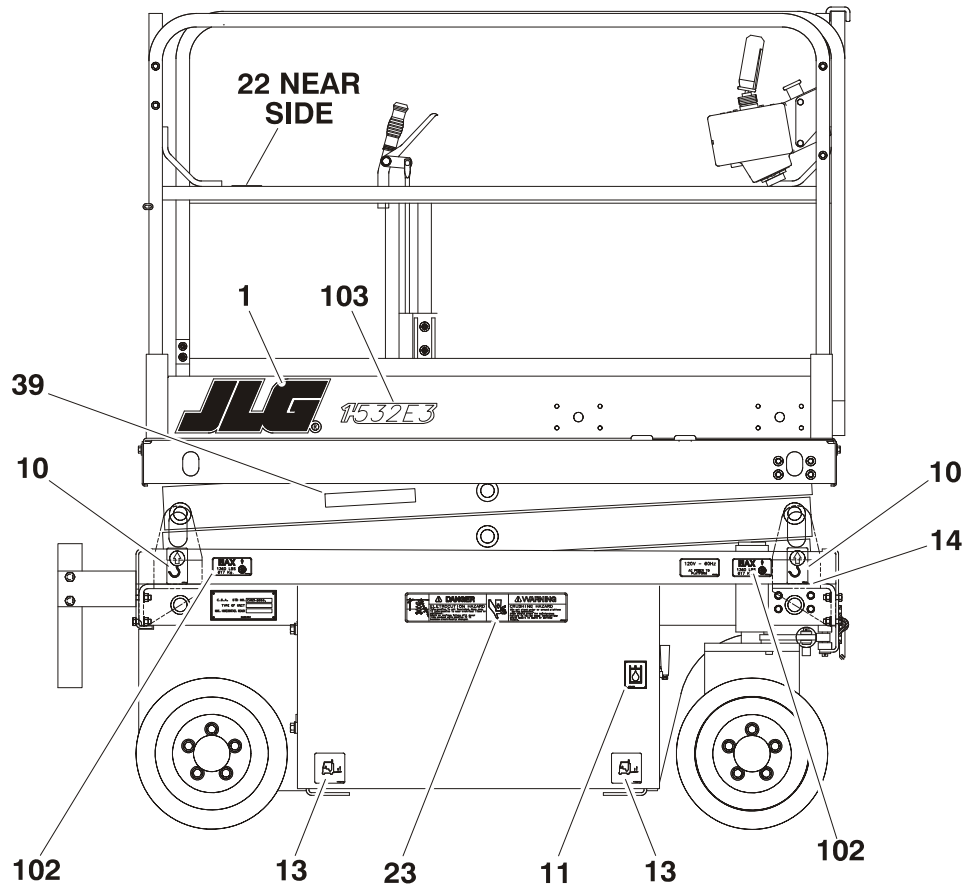
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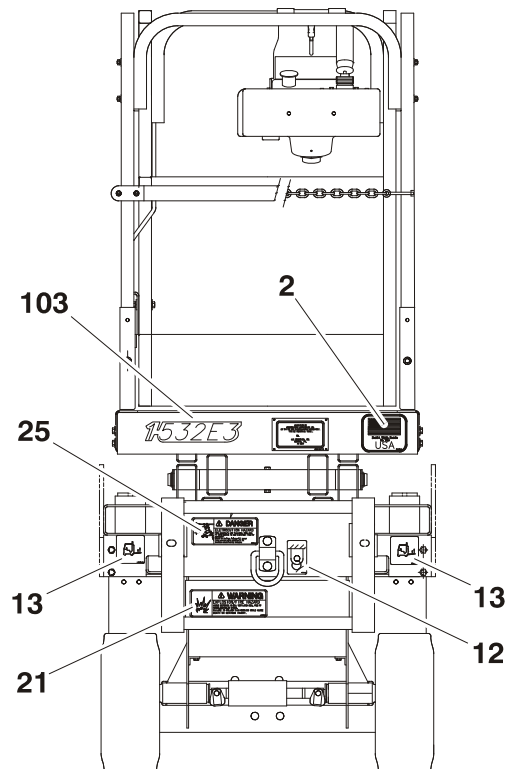
FIGURE 8-1.DECALS INSTALLATION - 1532E3/1932E3



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MACHINES WITH FOLDDOWN HANDRAILS



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FIGURE 8-1. DECALS INSTALLATION - 1532E3/1932E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		DECAL INSTALLATIONS	Ref.	
	0258862	ANSI Spec	Ref.	9
	0258860	Brazilian Spec	Ref.	9
	0258865	Canadian French Spec	Ref.	9
	0270346	China Spec	Ref.	6
	0258864	Japanese Spec	Ref.	10
	0270212	Korean Spec	Ref.	6
	0258863	Latin American Spec	Ref.	9
1	1702773	Decal - JLG	2	
2	Not Used	Decal - USA	0	
3	Not Used	Decal - Bar Code	1	
4		Decal - Inspection Options:	A/R	
	1702153	ANSI Spec	1	
	1703961	Brazilian Spec	1	
	Not Used	Canadian French Spec	0	
	1704607	China Spec	1	
	1701621	Japanese Spec	1	
	1703962	Korean Spec	1	
	1702552	Latin American Spec	1	
5	Not Used	Decal - Serial Number.	1	
6		Decal - Danger/Warning Options:	A/R	
	1703816	ANSI Spec	1	
	1703835	Brazilian Spec	0	
	1703867	Canadian French Spec	0	
	1704616	China Spec	1	
	1704278	Japanese Spec (Prior to S/N 0200097273)	1	
	1704807	Japanese Spec (S/N 0200097273 to Present)	1	
	1703859	Korean Spec	1	
	1703843	Latin American Spec	1	
7	Not Used			
8	Not Used			
9		Decal - Manual Reference Options:	1	
	1703788	Prior to S/N 0200103389		
	1701509	S/N 0200103389 to Present		
10	1703811	Decal - Lifting Lug	4	
11	1703812	Decal - Hyd. Oil	1	
12	1703814	Decal - Tie Down	4	
13	1703817	Decal - Fork Lift	6	
14	1703819	Decal - Direction Arrow	3	
15	1703822	Decal - Manual Descent Cable	1	
16	1704138	Decal - Safety Prop	2	
17	Not Used			
18		Decal - Legend Options:	1	
	1703695	ANSI Spec		
	1703830	Brazilian Spec		
	1703862	Canadian French Spec		
	1704615	China Spec		

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FIGURE 8-1. DECALS INSTALLATION - 1532E3/1932E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
18 (cont'd)	1704280	Japanese Spec		
	1703854	Korean Spec	1	
	1703838	Latin American Spec		
19	Not Used			
20		Decal - Towing/Winching/Tow Speed Options:	1	
	1703698	ANSI Spec		
	1703831	Brazilian Spec		
	1703863	Canadian French Spec		
	1704614	China Spec		
	1704281	Japanese Spec		
	1703855	Korean Spec	1	
	1703839	Latin American Spec		
21		Decal - Warning Battery Ventilation Options:	2	
	1703813	ANSI Spec		
	1703832	Brazilian Spec		
	1703864	Canadian French Spec		
	1704613	China Spec		
	1703848	Japanese Spec		
	1703856	Korean Spec	1	
	1703840	Latin American Spec		
22		Decal - Attach Lanyard Here Options:	4	
	1704277	ANSI/Brazilian/Canadian/Japanese & Latin American Spec		
	1703852	Korean Spec		
23		Decal - Warn. Crushing Hazard/Danger Electrocutation Options:	2	
	1703818	ANSI Spec		
	1703833	Brazilian Spec		
	1703865	Canadian French Spec		
	1704611	China Spec		
	1704282	Japanese Spec		
	1703857	Korean Spec	1	
	1703841	Latin American Spec		
24		Decal - Control Box Location Options:	1	
	1703821	ANSI Spec		
	1703829	Brazilian Spec		
	1703861	Canadian French Spec		
	1704610	China Spec		
	1703845	Japanese Spec		
	1703853	Korean Spec	1	
	1703837	Latin American Spec		
25		Decal - Danger Electrocutation Hazard Options:	2	
	1703823	ANSI Spec		
	1703834	Brazilian Spec		
	1703866	Canadian French Spec		
	1704609	China Spec		
	1703850	Japanese Spec		
	1703858	Korean Spec	1	

SECTION 8 DECALS

FIGURE 8-1. DECALS INSTALLATION - 1532E3/1932E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
25 (cont'd)	1703842	Latin American Spec		
26 to 29	Not Used			
30	0860520	Box, Manual Storage	1	
31	1060279	Cable Lanyard	1	
32	0641405	Bolt 1/4"-20NC x 5/8"	4	
33	4751400	Flatwasher 1/4"	4	
34	3311405	Locknut 1/4"-20NC	4	
35 to 38	Not Used			
39	1704885	Decal - Website	1	
	2901692	Kit - Decal Master (Includes Items 9-16, 22, 39)	1	7
		Kit - Decal Multi-Color Options (Includes Items 18-21, 23-25):	1	
	2901722	ANSI Spec		5
	2901720	Brazilian Spec		4
	2901725	Canadian French Spec		4
	2901932	China Spec		1
	2901724	Japanese Spec		5
	2901915	Korean Spec		1
	2901723	Latin American Spec		4
		OPTIONAL DECALS	Ref.	
101		Capacity Nameplate Kit Options:	1	
	2901706	1532E3 (Includes qty 3 of p/n 3252588)		2
	2901707	1932E3 (Includes qty 3 of p/n 1703868)		1
102		Decal - Maximum Tire Load Kit Options:	1	
	2901699	1532E3 (Includes qty 4 of p/n 1704131)		2
	2901700	1932E3 (Includes qty 4 of p/n 1704132)		2
103		Decal - Model Designation Kit Options:	1	
	2901693	1532E3 (Includes qty 2 of p/n 3252582)		2
	2901694	1932E3 (Includes qty 2 of p/n 3252583)		2

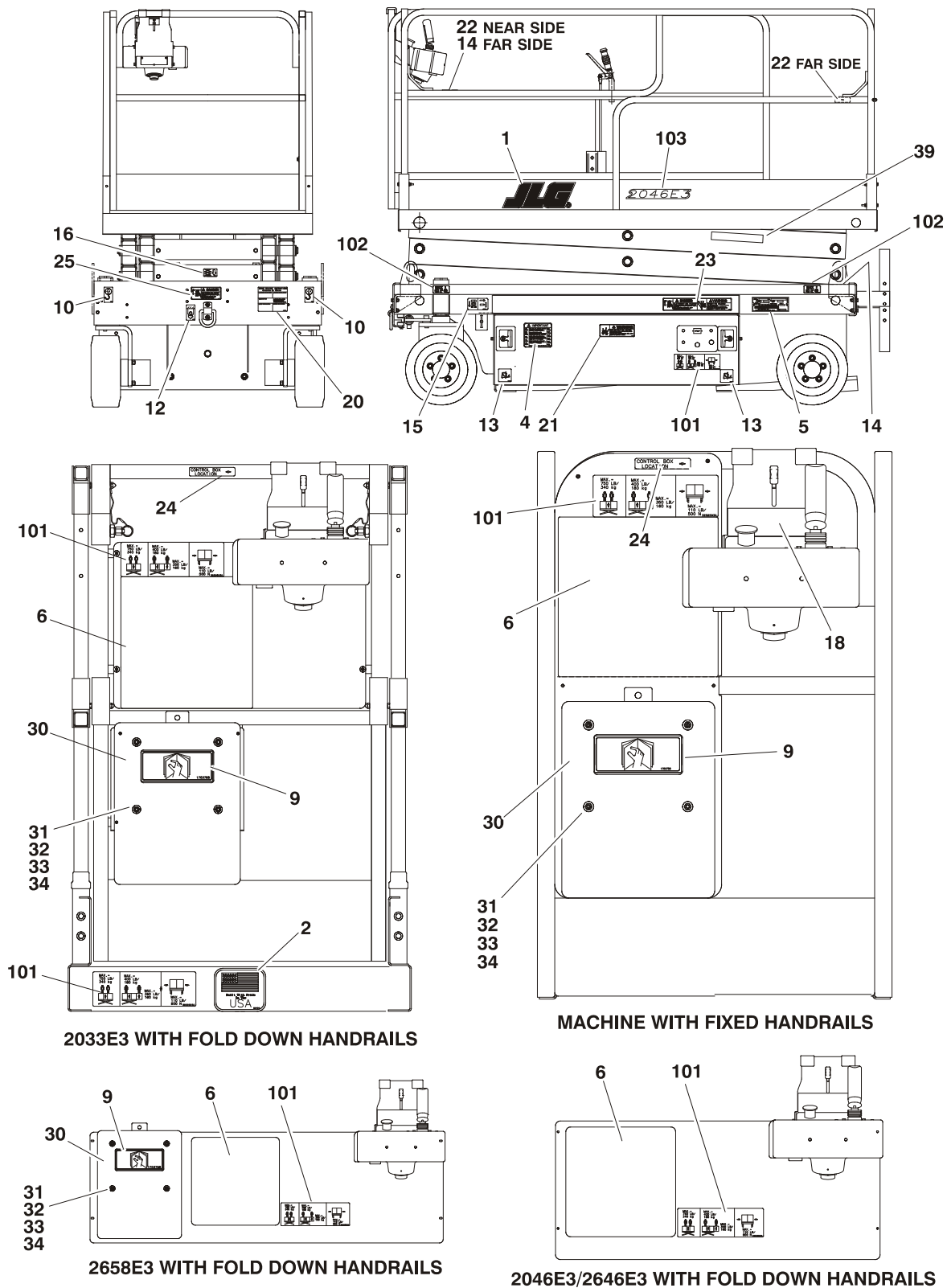
SECTION 8 DECALS

FIGURE 8-1. DECALS INSTALLATION - 1532E3/1932E3 (CONTINUED)

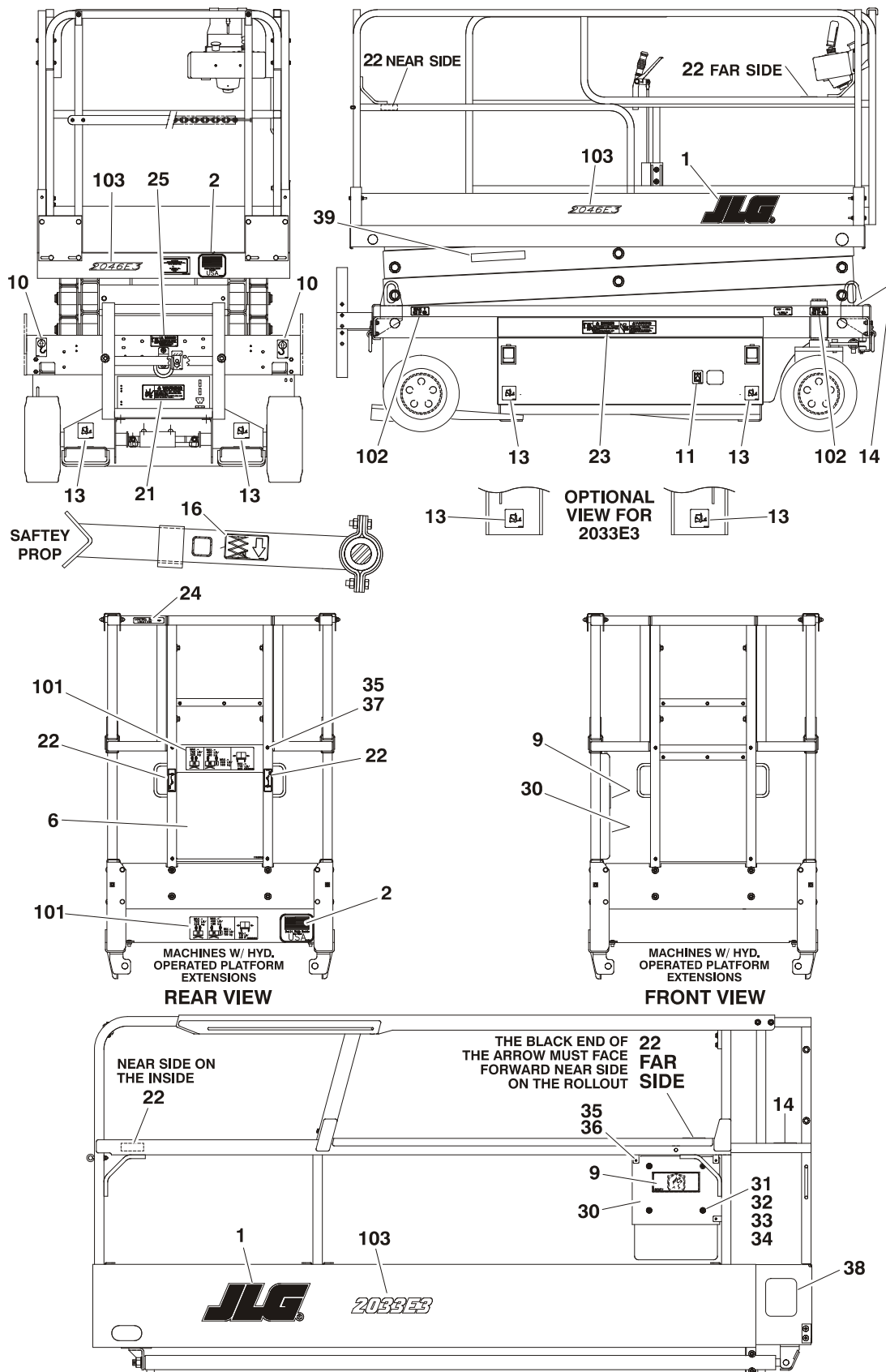
FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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FIGURE 8-2.DECALS INSTALLATION - 2033E3/2046E3/2646E3/2658E3



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FIGURE 8-2. DECALS INSTALLATION - 2033E3/2046E3/2646E3/2658E3

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		DECAL INSTALLATIONS	Ref.	
	0258862	ANSI Spec with Manually Operated Platform Extension	Ref.	9
	0258875	ANSI Spec with Hydraulically Operated Platform Extension	Ref.	10
	0258874	Brazilian Spec	Ref.	10
	0258865	Canadian French Spec	Ref.	9
	0270346	China Spec	Ref.	6
	0258864	Japanese Spec with Manually Operated Platform Extension	Ref.	9
	0258876	Japanese Spec with Hydraulically Operated Platform Extension	Ref.	10
	0270212	Korean Spec	Ref.	6
	0258863	Latin American Spec	Ref.	9
	0259876	Latin American Spec with Hydraulically Operated Platform Extension	Ref.	6
1	1702773	Decal - JLG	2	
2	Not Used			
3	Not Used	Decal - Bar Code	1	
4		Decal - Inspection Options:	A/R	
	1702153	ANSI Spec	1	
	1703961	Brazilian Spec	1	
	Not Used	Canadian French Spec	0	
	1704607	China Spec	1	
	1701621	Japanese Spec	1	
	1703962	Korean Spec	1	
	1702552	Latin American Spec	1	
	1702153	Latin American Spec With Hydraulically Operated Platform Extension	1	
5	Not Used	Decal - Serial Number.	1	
6		Decal - Danger/Warning Options:	A/R	
	1703816	ANSI Spec	1	
	1703835	Brazilian Spec	0	
	1703867	Canadian French Spec	0	
	1704616	China Spec	1	
	1704278	Japanese Spec (Prior to S/N 0200097273)	1	
	1704807	Japanese Spec (S/N 0200097273 to Present)	1	
	1703859	Korean Spec	1	
	1703843	Latin American Spec	1	
	1703816	Latin American Spec With Hydraulically Operated Platform Extension	1	
7	Not Used			
8	Not Used			
9		Decal - Manual Reference Options:	1	
	1703788	Prior to S/N 0200103252		
	1701509	S/N 0200103252 to Present		
10	1703811	Decal - Lifting Lug	4	

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FIGURE 8-2. DECALS INSTALLATION - 2033E3/2046E3/2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
11	1703812	Decal - Hyd. Oil	1	
12	1703814	Decal - Tie Down	4	
13	1703817	Decal - Fork Lift	6	
14	1703819	Decal - Direction Arrow	3	
15	1703822	Decal - Manual Descent Cable	1	
16		Decal - Safety Prop Options:	2	
	1704138	2033E3/2046E3		
	1704211	2646E3/2658E3		
17	Not Used			
18		Decal- Legend Options:		
	1703695	ANSI Spec		
	1703830	Brazilian Spec		
	1703862	Canadian French Spec		
	1704615	China Spec		
	1704280	Japanese Spec		
	1703854	Korean Spec		
	1703838	Latin American Spec		
19	Not Used			
20		Decal - Towing/Winching/Tow Speed Options:	1	
	1703698	ANSI Spec		
	1703831	Brazilian Spec		
	1703863	Canadian French Spec		
	1704614	China Spec		
	1704281	Japanese Spec		
	1703855	Korean Spec		
	1703839	Latin American Spec		
21		Decal - Warning Battery Ventilation Options:	2	
	1703813	ANSI Spec		
	1703832	Brazilian Spec		
	1703864	Canadian French Spec		
	1704613	China Spec		
	1703848	Japanese Spec		
	1703856	Korean Spec		
	1703840	Latin American Spec		
22		Decal - Attach Lanyard Here Options:	4	
	1704277	ANSI/Brazilian/Canadian/Japanese & Latin American Spec		
	1703852	Korean Spec		
23		Decal - Warn. Crushing Hazard/Danger Electrocution Options:	2	
	1703818	ANSI Spec		
	1703833	Brazilian Spec		
	1703865	Canadian French Spec		
	1704611	China Spec		
	1704282	Japanese Spec		
	1703857	Korean Spec		
	1703841	Latin American Spec		

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FIGURE 8-2. DECALS INSTALLATION - 2033E3/2046E3/2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
24		Decal - Control Box Location Options:	1	
	1703821	ANSI Spec		
	1703829	Brazilian Spec		
	1703861	Canadian French Spec		
	1704610	China Spec		
	1703845	Japanese Spec		
	1703853	Korean Spec		
	1703837	Latin American Spec		
25		Decal - Danger Electrocution Hazard Options:	2	
	1703823	ANSI Spec		
	1703834	Brazilian Spec		
	1703866	Canadian French Spec		
	1704609	China Spec		
	1703850	Japanese Spec		
	1703858	Korean Spec		
	1703842	Latin American Spec		
26 to 29	Not Used			
30	0860520	Box, Manual Storage	1	
31	1060279	Cable Lanyard	1	
32	0641405	Bolt 1/4"-20NC x 5/8"	4	
33	4751400	Flatwasher 1/4"	4	
34	3311405	Locknut 1/4"-20NC	4	
35		Rivet Options:	A/R	
	Not Required	With Manually Operated Platform Extension	0	
	3820020	With Hydraulically Operated Platform Extension	7	
36		Plate, Bottom Placard Options:	A/R	
	Not Required	With Manually Operated Platform Extension	0	
	3571011	With Hydraulically Operated Platform Extension	1	
37		Plate, Power Extension Billboard Options:	A/R	
	Not Required	With Manually Operated Platform Extension	0	
	3571703	With Hydraulically Operated Platform Extension	1	
38		Decal - Pinching Hazard Options: (S/N 0200071692 to Present)		
	Not Required	With Manually Operated Platform Extension	0	
	1703491	With Hydraulically Operated Platform Extension	2	
39	1704885	Decal - Website	2	
	2901692	Kit - Decal Master (Includes Items 9-16, 22, 39)	1	7
		Kit - Decal Multi-Color Options (Includes Items 18-21, 23-25):	1	
	2901722	ANSI Spec		4
	2901720	Brazilian Spec		3
	2901725	Canadian French Spec		4
	2901932	China Spec		1
	2901724	Japanese Spec		5
	2901915	Korean Spec		1
	2901723	Latin American Spec		4

SECTION 8 DECALS

FIGURE 8-2. DECALS INSTALLATION - 2033E3/2046E3/2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		OPTIONAL DECALS	Ref.	
101		Capacity Nameplate Kit Options:	1	
	2901708	2033E3/2646E3 with Manually Operated Platform Extension (Includes qty 3 of p/n 1703694)		1
	2901709	2033E3/2646E3 with 1000 Lbs Capacity & Manually Operated Platform Extension (Includes qty 3 of p/n 3252591)		2
	2901709	2046E3/2658E3 with Manually Operated Platform Extension (Includes qty 3 of p/n 3252591)		2
	2901710	2033E3/2046E3/2646E3/2658E3 with 4ft Hydraulically Operated Platform Extension (Includes qty 3 of p/n 3252592)		1
	2901711	2033E3/2046E3/2646E3/2658E3 with 6ft Hydraulically Operated Platform Extension (Includes qty 3 of p/n 3252593)		1
102		Decal - Maximum Tire Load Kit Options:	1	
	2901701	2033E3 (Includes qty 4 of P/N 1704134)		2
	2901703	2046E3 (Includes qty 4 of P/N 1704135)		2
	2901704	2033E3 (Includes qty 4 of P/N 1704136)		2
	2901705	2046E3 (Includes qty 4 of P/N 1704137)		2
103		Decal - Model Designation Kit Options:	1	
	2901695	2033E3 (Includes qty 3 of P/N 3252584)		1
	2901696	2046E3 (Includes qty 3 of P/N 3252585)		1
	2901697	2646E3 (Includes qty 3 of P/N 3252586)		1
	2901698	2658E3 (Includes qty 3 of P/N 3252587)		1

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FIGURE 8-2. DECALS INSTALLATION - 2033E3/2046E3/2646E3/2658E3 (CONTINUED)

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.

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DECALS

SECTION 9 RECOMMENDED SERVICE PARTS STOCK

MODELS 1532E3/1932E3/2033E3/2046E3/2646E3/2658E3

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			
7011509	Breaker, Circuit - DC (Figure 1-8)	1	1	1
7018514	Breaker, Circuit - AC (Figure 1-8)	1	1	1
7010944	Coupling (Figures 2-1 & 2-2)	1	1	1
2120072	Element, Filter (Figure 2-1 & 2-2)	4	8	12
1340052	Breather (Figure 2-1 & 2-2)	1	2	3
1600289	Controller, JLG SMART System™ (Figure 2-4)	1	1	1
4360112	Breaker, Circuit (Figures 2-4)	1	1	1
4360432	Switch, Key (Figure 2-4)	1	1	1
7016339	Key, Replacement (Figure 2-4)	1	1	1
4360328	Switch, Toggle (Figures 2-4)	1	1	1
4360475	Switch, Emergency Stop (Figures 2-4 & 4-11)	1	1	1
1600282	Controller, Directional (Figure 4-11)	1	1	1
0610123	Card, Circuit (Figure 4-11)	1	1	1
	VARIABLE PARTS			
4360548	Limit Switch (Figures 1-5, 1-6 & 1-7)	1	1	1
4360397	Limit Switch (Figure 1-7)	1	1	1
4360465	Switch, Tilt Indicator 1 1/2° (Optional) (Figure 1-7)	1	1	1
4360435	Switch, Tilt Indicator 2° (Optional) (Figure 1-7)	1	1	1
3740131	Relay (Standard) (Figure 2-4)	1	1	1
3740121	Relay (UL Listed) (Figure 2-4)	1	1	1
4360215	Switch, Perimeter (Optional) (Figure 4-1)	1	1	1
4360277	Switch, Limit (Optional) (Figure 4-2, 4-3 & 4-6)	1	1	1
4360437	Limit Switch (Optional) (Figure 4-2)	1	1	1
4360453	Switch Membrane With Tilt Light (Figure 4 -11)	1	1	1
4360454	Switch Membrane Without Tilt Light (Figure 4-11)	1	1	1
4360387	Switch (Optional With Perimeter) (Figure 4-11)	1	1	1

SECTION 9 RECOMMENDED SERVICE PARTS

MODELS 1532E3/1932E3/2033E3/2046E3/2646E3/2658E3

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 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.	
	0259841	1/2" AIR LINE INSTALLATION - 1532E3	Ref.	
	0259842	1/2" AIR LINE INSTALLATION - 1932E3	Ref.	
	0270816	1/2" AIR LINE INSTALLATION - 2646E3 & 2658E3	Ref.	
	0270832	1/2" AIR LINE INSTALLATION - 2046E3 & 2033E3	Ref.	
	0258172	ARMS ASSEMBLY/INSTALLATION - 11FT (UNITED AIRLINE SPEC)	Ref.	
	0256789	CAMERA MOUNT ASSEMBLY	Ref.	
		COVER INSTALLATIONS (JAPANESE SPEC)	Ref.	
	0258913	Arm Cover Plates (2033E3)	Ref.	
	0258914	Arm Cover Plates (2046E3/2646E3/2658E3)	Ref.	
		Plate, Arm Cover Options:	1	
	3571159	2033E3		
	3571158	2046E3/2646E3/2658E3		
	4420055	Tape, UHMW	3.3ft	
	0257646	Platform Console Cover Installation	Ref.	
	4060941	Cover, Platform Control Box	1	
	4060943	Window, Polycarbonate	1	
		DECAL COMPONENTS AND INSTALLATION	Ref.	
	1702788	Decal - Biodegradable	Ref.	
		Decal CSA Installation	Ref.	
	0252972	Prior to S/N 0200060942	Ref.	
	0259446	S/N 0200060942 to Present	Ref.	
	3252191	Decal - CSA	1	
	1282897	Decal Lanyard Attach Installation	Ref.	
	1702612	Decal - Common	2	
	1703175	Decal - Hertz and GM Units	2	
	0273255	Decal Hertz Rentals Installation	Ref.	
	0271115	Decal Sunbelt Rentals Installation	Ref.	
	0271904	Decal United Rentals Installation	Ref.	
	0253760	Decal U/L Installation	Ref.	
	3251503	Decal - U/L Battery Information	1	
	3251899	Decal - EE	1	
	3252474	Decal - U/L	1	
	0258853	Decal Installation - United	Ref.	
		ELECTRICAL CONNECTOR KITS	Ref.	
	1001148902	Amp Connector Kit	Ref.	
	1001148903	Deutsch DT Connector Kit	Ref.	
	1001148904	Deutsch HD Connector Kit	Ref.	
	1001148905	Packard Connector Kit	Ref.	
	1001148906	Various Connector Kit	Ref.	

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.
	2910468	FILTER KITS Hydraulic/Air	Ref. 1	
		HYDRAULIC FLUIDS	Ref.	
	2300014	Mobil 424	Ref.	
	2300027	Mobil 224H Bio	Ref.	
	2300016	Mobil DTE 13M	Ref.	
	2300021	Union Carbide Ucon HP5046 Fire Resistant	Ref.	
	0272572	LANYARD ATTACH INSTALLATION (GM K-1)	Ref.	
		OVERLOAD PROTECTIONS INSTALLATION (JAPANESE SPEC)	Ref.	
	0257264	1532E3/1932E3	Ref.	
	0259232	2033E3/2046E3	Ref.	
	0272479	2646E3/2658E3	Ref.	
	0257049	PIPE RACK INSTALLATION (PRIOR TO S/N 0200095513)	Ref.	
	0258113	PLATFORM CONSOLE BOX WITH FOOTSWITCH INSTALLATION (JAPANESE SPEC)	Ref.	
	0258175	PLATFORM INSTALLATION (DRINGS, TREAD GRIP) (UNITED AIRLINE SPEC)	Ref.	
	0272267	PLATFORM INSTALLATION (NO EXTENSION / FIXED RAILS)	Ref.	
	0272266	PLATFORM INSTALLATION (SIDE OPENING)	Ref.	
	0258992	PLATFORM EXTENSION INSTALLATION (TREAD GRIP) (UNITED AIRLINE SPEC)	Ref.	
	0258154	PRESSURE CHECK INSTALLATION	Ref.	
	0100040	SEALANT	Ref.	

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.
		TOOLS FOR SERVICE	Ref.	
	2901443	Analyzer and Cable Kit (Includes 1600244 & 1060633)	1	
	1600244	Analyzer, SMART System Controller	1	
	1060633	Cable, Communication (Analyzer to Controller)	1	
	7002820	Arbor Set (Set of 2 for Installation of Garmax and Excelite Bushings)	1	
	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 Pins/Sockets from Deutsch Connectors)	1	
	4460510	Extractor - 12-14 Gauge (For Removal of Pins/Sockets from Deutsch Connectors)	1	
	7002822	Screwdriver, Potentiometer (To Adjust Drive Controller)	1	
	7016654	Screwdriver, Magnetic	1	
	7004275	Seal Installation Tool - 1"	1	
	7004276	Seal Installation Tool - 1 1/2"	1	
	7002826	Seal Installation Tool - 2"	1	
	0270517	TOP RAIL & BUMBER PADDING INSTALLATION (U.S. AIRWAYS SPEC)	Ref.	

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.

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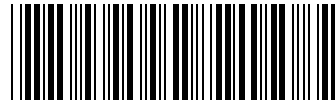
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An Oshkosh Corporation Company

Corporate Office
JLG Industries, Inc.
1 JLG Drive
McConnellsburg PA. 17233-9533
USA

☎ (717) 485-5161

📠 (717) 485-6417

JLG Worldwide Locations

JLG Industries (Australia)
P.O. Box 5119
11 Bolwarra Road
Port Macquarie
N.S.W. 2444
Australia

☎ +61 2 65 811111

📠 +61 2 65 813058

JLG Latino Americana Ltda.
Rua Eng. Carlos Stevenson,
80-Suite 71
13092-310 Campinas-SP
Brazil

☎ +55 19 3295 0407

📠 +55 19 3295 1025

JLG Industries (UK) Ltd
Bentley House
Bentley Avenue
Middleton
Greater Manchester
M24 2GP - England

☎ +44 (0)161 654 1000

📠 +44 (0)161 654 1001

JLG France SAS
Z.I. de Baulieu
47400 Fauillet
France

☎ +33 (0)5 53 88 31 70

📠 +33 (0)5 53 88 31 79

JLG Deutschland GmbH
Max-Planck-Str. 21
D - 27721 Ritterhude - Ihlpohl
Germany

☎ +49 (0)421 69 350 20

📠 +49 (0)421 69 350 45

JLG Equipment Services Ltd.
Rm 1107 Landmark North
39 Lung Sum Avenue
Sheung Shui N. T.
Hong Kong

☎ (852) 2639 5783

📠 (852) 2639 5797

JLG Industries (Italia) s.r.l.
Via Po. 22
20010 Pregnana Milanese - MI
Italy

☎ +39 029 359 5210

📠 +39 029 359 5845

Oshkosh-JLG Singapore
Technology Equipment Pte
Ltd
29 Tuas Ave 4,
Jurong Industrial Estate
Singapore, 639379

☎ +65-6591 9030

📠 +65-6591 9031

Plataformas Elevadoras
JLG Iberica, S.L.
Trapadella, 2
P.I. Castellbisbal Sur
08755 Castellbisbal, Barcelona
Spain

☎ +34 93 772 4700

📠 +34 93 771 1762

JLG Sverige AB
Enkopingsvagen 150
Box 704
SE - 176 27 Jarfalla
Sweden

☎ +46 (0)850 659 500

📠 +46 (0)850 659 534

www.jlg.com