Illustrated Parts Manual

Models

601S

P/N
3120867

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An Oshkosh Corporation Company

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FIGURE 2-8. SWING MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**SWING MOTOR ASSEMBLY**	
	3160223	Ref	**Swing Motor Assembly (Prior to SN 64764)**	B
	3160279	Ref	**Swing Motor Assembly (SN 64764 to Present)**	A
1		Ref	Bolt Options:	
1	7002123	4	Bolt - Motor p/n 3160223 **(Prior to SN 64764)**	
1	7020357	4	Bolt - Motor p/n 3160279 **(SN 64764 to Present)**	
2	7009996	1	Flange, Mounting	
3	Item 100	1	Seal, Exclusion	
4	Item 100	1	Washer, Back-up	
5	Item 100	1	Seal, Pressure	
6	Item 100	1	Seal	
7	7002117	1	Race, Bearing	
8	7002111	1	Washer, Thrust	
9	7009998	1	Shaft	
10		Ref	Housing Options:	
10	7020335	1	Housing - Motor p/n 3160223 **(Prior to SN 64764)**	
10	7020358	1	Housing - Motor p/n 3160279 **(SN 64764 to Present)**	
13	7020336	1	Drive	
14	Item 100	3	Seal, Body	
15	7020338	1	Plate, Spacer	
16	7020339	1	Rotor Set Assembly	
17	7020346	1	Cap, End	
19	7020340	7	Bolt	
33		Ref	Bolt Options:	
33	7020341	4	Bolt - Motor p/n 3160223 **(Prior to SN 64764)**	
33	7020353	4	Bolt - Motor p/n 3160279 **(SN 64764 to Present)**	
34	Item 100	2	O-Ring	
37		Ref	Valve, Counterbalance Options:	
37	7020343	1	Valve - Motor p/n 3160223 **(Prior to SN 64764)**	
37	7020359	1	Valve - Motor p/n 3160279 **(SN 64764 to Present)**	
37		Ref	Cartridge, Valve Options:	
37	Not Available		Cartridge - Motor p/n 3160223 **(Prior to SN 64764)**	
37	7020362	2	Cartridge - Motor p/n 3160279 **(SN 64764 to Present)**	
37		Ref	O-Ring Options:	
37	Not Available		O-Ring - Motor p/n 3160223 **(Prior to SN 64764)**	
37	7020363	2	O-Ring - Motor p/n 3160279 **(SN 64764 to Present)**	
100	7020360	1	Seal Kit - (Includes Items - 3 thru 6, 14 & 34)	

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FIGURE 2-22. ELECTRICAL OPTIONS INSTALLATION (TURNTABLE MOUNTED)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**ELECTRICAL OPTIONS INSTALLATIONS (TURNTABLE MOUNTED)**	
	0255335	Ref	**LIMIT SWITCH INSTALLATION - ABOVE HORIZONTAL**	6
1		Ref	Switch, Limit Options:	
1	4360322	1	Switch, Limit **(Prior to SN 74471)**	
1	4360549	1	Switch, Limit **(SN 74471 through 80897)**	
1	4360578	1	Switch, Limit **(SN 80898 to Present)**	
2		Ref	Connector, Strain Relief Options:	
2	4460428	1	Connector, Strain Relief **(Prior to SN 68977)**	
2	4460968	1	Connector, Strain Relief **(SN 74471 to Present)**	
3		Ref	Capscrew Options:	
3	3930828	2	Capscrew, Socket Head #8-32NC x 1 3/4in **(Prior to SN 68977)**	
3	3931028	2	Capscrew, Socket Head #10-24NC x 1 3/4in **(SN 68977 to Present)**	
4		Ref	Locknut Options:	
4	3310805	2	Locknut #8-32NC **(Prior to SN 68977)**	
4	3311005	2	Locknut #10-24NC **(SN 68977 to Present)**	
5	1670818	1	Cover, Limit Switch	
6	4751400	4	Flatwasher 1/4in	
7	3931408	4	Bolt, 1/4in-20NC x 1in	
	0255698	Ref	**LIMIT SWITCH INSTALLATION - DUAL CAPACITY**	7-D
101		Ref	Switch, Limit Options:	
101	4360322	2	Switch, Limit **(Prior to SN 74471)**	
101	4360549	2	Switch, Limit **(SN 74471 through 80897)**	
101	4360578	2	Switch, Limit **(SN 80898 to Present)**	
102		Ref	Connector, Strain Relief Options:	
102	4460428	2	Connector, Strain Relief **(Prior to SN 68977)**	
102	4460968	2	Connector, Strain Relief **(SN 74471 to Present)**	
103	0100035	AR	Loctite #272	
104	3930816	2	Capscrew, Socket Head #8-32NC x 1in	
105	3930828	2	Capscrew, Socket Head #8-32NC x 1 3/4in	
106	3310805	2	Locknut #8-32NC	
107	4420054	9 ft/2.7m	Tape, Double Sided	
108	1001106479	1	Bar, Fiberglass (was p/n 0362528)	
109	1670824	1	Cover, Limit Switch	
110	4751400	4	Flatwasher 1/4in	
112	0641403	4	Bolt, 1/4in-20NC x 3/8in	
		Ref	**TILT INDICATOR SWITCH INSTALLATION OPTIONS:**	
	0255362	Ref	**Tilt Indicator Switch Installation (Prior to SN 62137)**	
	0271501	Ref	**Tilt Indicator Switch Installation (ADE System) (SN 62137 to Present)**	1
201	4360416	1	Switch, Level Sensing	
202	0641406	2	Bolt 1/4in-20NC x 3/4in	
203	3311405	2	Locknut 1/4in-20NC	
	0257886	Ref	**ALARMS INSTALLATION (OPTIONAL)**	1
301	0257887	1	Alarm/Harness Assembly	
301	0140032	1	Alarm	
301	2820035	6 in/15cm	Loom	
301	4460424	1	Plug	
301	4460268	2	Socket	

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FIGURE 5-4. LIFT (BOOM) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1683666	Ref	**LIFT CYLINDER ASSEMBLY**	F
1		Ref	Barrel Weldment Options:	
1	1683276	1	Barrel Weldment **(Prior to SN 53552)**	
1	1683955	1	Barrel Weldment **(SN 53552 to Present)**	
1A	0961950	2	Bushing, Garmax	
2		Ref	Rod Weldment Options:	
2	1683278	1	Rod Weldment **(Prior to SN 53552)**	
2	1683954	1	Rod Weldment **(SN 53552 to Present)**	
2A	0961950	2	Bushing, Garmax	
3	1683067	1	Head	
4	3480206	1	Piston	
5	0961898	1	Bushing, Tapered (Use item #24 in place of supplied bolts)	
6	4566501	1	Spacer, Tube	
7	4640509	1	Cartridge, Valve (Counterbalance Non-Vented)	
7	2900792	1	Seal Kit - 4640509 Valve	
8	2220239	1	Plug, O-Ring	
9	3932032	8	Bolt, Socket Head 5/16in-11NC x 2in	
10	2220883	2	Plug, O-Ring	
11	Item 100	2	Ring, Lock	
12	Item 100	2	Seal, Hydrolock	
13	Item 100	1	O-Ring	
14	Item 100	2	Ring, Back-up	
15	Item 100	1	Ring, Wear	
16	Item 100	1	O-Ring	
17	Item 100	1	Ring, Back-up	
18	Item 100	1	Seal, Rod	
19	Item 100	1	Wiper	
20	0100011	AR	Loctite #242	
21	0100038	AR	Primer, Locking	
22	3760372	1	Washer, Ring	
24		Ref	Bolt Options:	
24	0641612	3	Bolt 3/8in-16NC x 1 1/2in **(Prior to SN 44757)**	
24	0630536	3	Screw, Socket Head 3/8in-16NC x 1 1/2in **(SN 44757 to Present)**	
25	2220235	1	Plug, O-Ring	
26	0100063	AR	Loctite RC609 (Not Shown) **(Prior to SN 90183)**	
100	2901285	1	Seal Kit (Includes Items 11-19)	

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