Illustrated Parts Manual

Models

40ic
45ic

P/N
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An Oshkosh Corporation Company

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FIGURE 3-2. MAIN BOOM COMPONENTS ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**MAIN BOOM ASSEMBLY**	
	0800832	Ref	**Main Boom Assembly Model 40ic**	O-12
	0800853	Ref	**Main Boom Assembly Model 45ic**	J-12
5	1180302	1	Power-Track	
5	7019698	40	Links	
5	7019699	1	Bracket, End (Sold in Pairs)	
6	4844579	1	Holder, Wear Pad (Base Front Bottom)	
7	3340663	8	Pad, Wear (Base Front Top and Sides/Fly Rear Sides and Bottom)	
8	3340666	2	Pad, Wear (Fly Rear Top)	
10	1760160	8	Disc	
11	0630487	6	Bolt, Special	
12	3311602	8	Nut, Jam 3/8in-16NC	
13	0641818	4	Bolt 1/2in-13NC x 2 1/4in	
14	4761800	4	Lockwasher 1/2in	
15	3760115	2	Ring, Retaining	
16	0641405	2	Bolt 1/4in-20NC x 5/8in	
17	0641404	2	Bolt 1/4in-20NC x 1/2in	
18	4761400	7	Lockwasher 1/4in	
19	0641606	7	Bolt 3/8in-16NC x 3/4in	
20	4761600	7	Lockwasher 3/8in	
21	0100011	AR	Loctite #242	
22	1670678	1	Cover, Boom	
23	1670698	1	Cover, Boom	
24	4751400	7	Flatwasher 1/4in	
25	3311401	3	Nut 1/4in-20NC	
26		Ref	Casting, Wear Pad Holder (Base Front Left Side) Options:	
26	4844383	1	Casting, Wear Pad Holder (Base Front Left Side) **(Prior to SN 35014)**	
26	1220038	1	Casting, Wear Pad Holder (Base Front Left Side) **(SN 35014 to Present)**	
27		Ref	Casting, Wear Pad Holder (Base Front Right Side) Options:	
27	4844384	1	Casting, Wear Pad Holder (Base Front Right Side) **(Prior to SN 35014)**	
27	1220039	1	Casting, Wear Pad Holder (Base Front Right Side) **(SN 35014 to Present)**	
28		Ref	Casting, Wear Pad Holder (Base Front Top) Options:	
28	4844386	1	Casting, Wear Pad Holder (Base Front Top) **(Prior to SN 35014)**	
28	1220040	1	Casting, Wear Pad Holder (Base Front Top) **(SN 35014 to Present)**	
29	0630399	2	Bolt 3/8in-16NC x 2 1/4in	
30	0100009	AR	Silicone (Not Shown)	
31	4740413	5	Spacer	
32	4751600	5	Flatwasher 3/8in	
33	0641608	5	Bolt 3/8in-16NC x 1in	
34	3520034	4	Plug, Hole	
51		Ref	Base Weldment Options:	
51	0800833	1	Base Weldment Model 40 ic	
51	0800854	1	Base Weldment Model 45 ic	
51	0961726	2	Bushing, Teflon	

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FIGURE 5-1. UPPER LIFT CYLINDER ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**UPPER LIFT CYLINDER ASSEMBLIES**	
	1683337	Ref	**Upper Lift Cylinder Assembly (Prior to SN 29899)**	-
	1683506	Ref	**Upper Lift Cylinder Assembly (SN 29899 through 33089)**	-
	1683520	Ref	**Upper Lift Cylinder Assembly (SN 33090 to Present)**	1-A
3	1120108	1	Retainer	
4	3480115	1	Piston	
6	3300279	1	Nut, Hex	
10	4640936	1	Cartridge, Holding Valve	
10	2900770	1	Seal Kit - 4640936 Valves	
11	2220885	1	Plug	
12	3900170	1	Setscrew 3/8in-16NC x 3/8in	
13	3951402	1	Setscrew 1/4in-20NC x 1/4in	
14	Kit	2	Ring, Lock	
15	Kit	2	Seal, Piston	
16	Kit	1	O-Ring	
17	Kit	1	Ring, Wear	
18	Kit	1	O-Ring	
19	Kit	1	Seal, Rod	
20	Kit	1	Wiper Rod	
21	0100011	AR	Loctite #242	
22	0100038	AR	Primer, Locking	
23	0100035	AR	Loctite #222	
51		Ref	Barrel Weldment Options:	
51	1682868	1	Barrel Weldment **(Prior to SN 29899)**	
51	1683514	1	Barrel Weldment **(SN 29899 to Present)**	
51A	0961726	2	Bushing, Teflon	
52		Ref	Rod Weldment Options:	
52	1682870	1	Rod Weldment **(Prior to SN 29899)**	
52	1683505	1	Rod Weldment **(SN 29899 to Present)**	
52A	0961726	2	Bushing, Teflon	
53		Ref	Head Options:	
53	1681344	1	Head **(Prior to SN 29899)**	
53	1683504	1	Head **(SN 29899 to Present)**	
54	4740394	1	Washer	
55		Ref	Spacer Options:	
55	4566009	1	Spacer **(Prior to SN 29899)**	
55	4567177	1	Spacer **(SN 29899 to Present)**	
100		Ref	Seal Kit Options: (Not Shown)	
100	2900371	1	1683337 Cylinder **(Prior to SN 29899)**	
100	2901496	1	1683506 & 1683520 Cylinders **(SN 29899 to Present)**	

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FIGURE 5-8. TELESCOPE CYLINDER ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**TELESCOPE CYLINDER ASSEMBLIES**	
	1682947	Ref	**Telescope Cylinder Assembly - 45ic**	3-A
	1682887	Ref	**Telescope Cylinder Assembly - 40ic**	D
3	3480170	1	Piston	
4	1682892	1	Head	
5	4566027	1	Spacer, Tube	
6	4640807	1	Counterbalance Valve Assembly (See Items 101-103 for Breakdown)	
7	0641512	4	Bolt 5/16in-18NC x 1 1/2in	
8	2220883	2	Plug, O-Ring	
9	3951402	1	Setscrew 1/4in-20NC x 1/4in	
10	3322205	1	Locknut	
11	3760318	1	Ring, Retaining	
12	Kit	2	Ring, Wear	
13	Kit	1	Seal, Cap	
14	Kit	1	O-Ring	
15	Kit	1	Ring, Wear	
16	Kit	1	O-Ring	
17	Kit	1	Seal, Rod	
18	Kit	1	Wiper	
19	0100011	AR	Loctite #242	
21	2220628	2	Fitting, 90	
22	2220516	2	Fitting, Cap	
23	3340679	1	Wear Pad Assembly	
24	0641604	2	Bolt 3/8in-16NC x 1/2in	
25	4761600	2	Lockwasher 3/8in	
26	0100011	AR	Loctite #242	
51		Ref	Barrel Weldment Options:	
51	1682948	1	Barrel Weldment 45ic	
51	1682888	1	Barrel Weldment 40ic	
52		Ref	Rod Weldment Options:	
52	1682950	1	Rod Weldment 45ic	
52	1682890	1	Rod Weldment 40ic	
	4640807	Ref	**COUNTERBALANCE VALVE ASSEMBLY**	B
101	4640771	1	Cartridge, Counterbalance	
102	4640709	1	Cartridge, Vented Counterbalance	
103	3790113	2	O-Ring (Between Valve and Cylinder Block)	
	2900770		Seal Kit (1 Per Cartridge)	

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