Illustrated Parts Manual

Models

601S

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ANSI

An Oshkosh Corporation Company

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
55	See Note	1	Seal, Lip (Note: Use Item 90A or 91B)	
56	Item 90A	1	O-Ring	
57	7010121	1	Shaft, Main Pump - 15 Tooth Spline	
58	Item 91B	1	Plate, Valve	
59	Item 91A	1	Gerotor Assembly	
60	Item 91A	1	Pin	
61	Item 91A	1	Key, Woodruff	
62	7007466	1	Adaptor, Remote Filtration	
63	Item 90A	3	O-Ring	
64	7007468	2	Screw	
65	7007469	2	Screw	
66	7007470	1	Plug	
67	7007471	1	Cover, Servo (With Adjuster)	
67	7007490	2	Stop, Servo (Not Shown)	
67	7007491	2	Nut (Not Shown)	
67	7007492	2	Ring, External (Not Shown)	
68	7007482	1	Cover, Servo (With Adjuster)	
69	7007483	1	Guide, Spring	
70	7007484	1	Stop, Servo	
71	7007485	1	Spring	
72	7007486	1	Screw	
73	7007487	1	Guide, Spring	
74	7007488	1	Ring, Retaining	
75	7007499	1	Locknut	
76	See Note	2	Ring, Piston (Note: Use Item 90A or 90B)	
77	7007494	1	Piston, Servo	
78	See Note	2	O-Ring (Note: Use Item 90A or 90B)	
79	7007472	1	Valve, Bypass	
80	7010122	2	Valve, Pressure Relief (Includes Item 6) (was p/n 7007473)	
81	7007474	1	Control, Dual Oil-Filled	
81	7007496	1	Coil Assembly (Pilot)	
81	7007497	1	Plug (Pump)	
81	7007498	1	Plug (Valve Harness)	
82	7007478	2	Screw	
83	7001498	2	Screw	
84	Item 90A	2	O-Ring	
85	Item 90A	1	O-Ring	
86	7007475	1	Plug, Orifice/Screen (.156)	
87	7007477	2	Plug, Orifice (.37)	
88	7007476	1	Adapter, Auxiliary Pump	
89	7010120	1	Spacer/Gasket	
90		Ref	Seal Kit Options:	
90A	2900752	1	Seal Kit - Complete (Includes Items 3, 6, 14, 37, 41, 42, 44, 45, 55, 56, 63, 76, 78, 84 & 85)	
90B	7007412	1	Seal Kit - Servo Piston (Includes Items 76 & 78)	
91		Ref	Repair Kit Options:	
91A	2900826	1	Charger Pump Kit (Includes Items 41, 42, 46, 59, 60 & 61)	
91B	2900827	1	Cylinder Block Kit (Includes Items 19-28, 40-50, 53, 55 & 58)	
	3600418	Ref	**PISTON PUMP AND FITTING ASSEMBLIES:**	A
101	2220375	1	Fitting	
102	2220479	1	Fitting	
103	2220578	1	Fitting	

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FIGURE 2-23. TANK INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	0257921	Ref	**TANKS INSTALLATION**	7-F
	0271598	Ref	**TANKS INSTALLATION (FUEL TANK WITH SIGHT GAGE)**	2
	0271537	Ref	**TANKS INSTALLATION (WITH HYDRAULIC WELDER OPTION)**	1
1		Ref	Hydraulic Tank Assembly Options:	
1	4400375	1	Tank - Machines without Hydraulic Welder (See Items 101-106 for Breakdown) **(Prior to SN 68132)**	
1	4400449	1	Tank - Machines without Hydraulic Welder (See Items 201-208 for Breakdown) **(SN 68132 to Present)**	
1	4400441	1	Tank - Machines with Hydraulic Welder (See Items 101-106 for Breakdown)	
2		Ref	Tank, Fuel Options:	
2	4400411	1	Tank, Fuel **(Prior to SN 54747)**	
2	4400429	1	Tank, Fuel **(SN 54747 to Present)**	
2	4400442	1	Tank, Fuel (W/Sight Gage)	
2A	7016314	1	Cap, Fuel Tank	
2A	7016649	1	Seal, Cap	
2B	7020043	1	Tube	
5		Ref	Strap, Tank Options:	
5	4240112	4	Strap - Machines without Hydraulic Welder	
5	4240112	4	Strap - Machines with Hydraulic Welder	
6	4240135	1	Strap, Tank	
7	4751600	6	Flatwasher 3/8in	
8	3311601	AR	Nut 3/8in-16NC	
10	0100011	AR	Loctite #242	
11	0100079	AR	Permatex	
12	2200222	1	Fitting	
13	4280295	25 in/44cm	Strip, Protective	
14	4420038	6.5 ft/1.98m	Tape, Rubber	
15	1320223	1	Clamp (Not Shown)	
16	2220889	1	"O" Ring Plug **(Prior to SN 54747)**	
16	7016680	1	Gasket **(SN 54747 to Present)**	
17	0641614	4	Bolt 3/8in-16NC x 1 3/4in **(SN 68132 to Present)**	
		Ref	**HYDRAULIC TANK ASSEMBLY OPTIONS:**	
	4400375	Ref	**Machines without Hydraulic Welder (Prior to SN 68132)**	F
	4400441	Ref	**Machines with Hydraulic Welder**	A
101	7014811	1	Fill Cap	
102	7014802	1	Gauge, Sight	
103	7014801	2	Strainer	
104		Ref	Plug, Magnetic Options:	
104	7014800	1	Plug - Machines without Hydraulic Welder **(Prior to SN 68132)**	
104	7014813	1	Plug - Machines with Hydraulic Welder	
105		Ref	Filler Neck Assembly Options:	
105	7014810	1	Filler - Machines without Hydraulic Welder **(Prior to SN 68132)**	
105	7020256	1	Filler - Machines with Hydraulic Welder	
106		Ref	Screen Options:	
106	7014803	1	Screen - Machines without Hydraulic Welder **(Prior to SN 68132)**	
106	7014816	1	Screen - Machines with Hydraulic Welder	
		Ref	**HYDRAULIC TANK ASSEMBLY (SN 68132 to Present)**	

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FIGURE 5-5. MASTER CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**MASTER CYLINDER ASSEMBLY**	
	1683266	Ref	**Master Cylinder Assembly (Prior to SN 96979)**	E
	1684414	Ref	**Master Cylinder Assembly (SN 96979 to Present)**	C
1		Ref	Barrel Weldment Options:	
1	1683267	1	Barrel Weldment **(Prior to SN 53541)**	
1	1683972	1	Barrel Weldment **(SN 53541 to Present)**	
1A	0961947	2	Bushing, Garmax	
2		Ref	Rod Weldment Options:	
2	1683269	1	Rod Weldment **(Prior to SN 53541)**	
2	1683973	1	Rod Weldment **(SN 53541 through 98598)**	
2	3850020	1	Rod Weldment **(SN 98599 to Present)**	
2A	0961947	2	Bushing, Garmax	
3	3480210	1	Piston	
4	1683053	1	Head	
5	0961893	1	Bushing, Tapered	
6	4566468	1	Spacer, Tube	
7	3931516	8	Bolt, Socket Head 5/16in-18NC x 1in	
8	3760368	1	Washer, Ring	
9	0100011	AR	Loctite #242	
10	0100038	AR	Primer, Locking	
11	Item 100	2	Seal	
12	Item 100	2	Ring, Lock	
13	Item 100	1	O-Ring	
14	Item 100	1	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	
21	0630534	3	Screw, Socket Head (Grip) #10-24NC x 1in **(SN 44757 to Present)**	
100	2901303	1	Seal Kit (Includes Items 11-19)	

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