Illustrated Parts Manual

Models

600A
600AJ

Prior to
SN 0300069000

P/N
3120719

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ANSI

An Oshkosh Corporation Company

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FIGURE 2-1. CONTROL VALVES INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**CONTROL VALVES INSTALLATIONS**	
	0255440	Ref	**Control Valves Installations 600A 2WS**	9
	0255442	Ref	**Control Valves Installations 600A 4WS**	9
	0255441	Ref	**Control Valves Installations 600AJ 2WS**	11
	0255443	Ref	**Control Valves Installations 600AJ 4WS**	9
1		Ref	Main Valve Block Assembly (See MAIN VALVE BLOCK ASSEMBLY for Breakdown) Options:	
1	4640920	1	Main Valve Block Assembly **(Prior to SN 0300041204)**	
1	4641097	1	Main Valve Block Assembly **(SN 0300041204 through 0300069000)**	
2	3600243	1	Auxiliary Pump Assembly	A
2A	7013755	1	Replacement Motor	
2A	7013799	1	Brush Kit - 7013755 Motor	
2B	7013711	1	Coupling	
2C	7013796	1	Replacement Pump	
2C	See Note	1	Seal Kit (Note: Purchase Individual Components)	
2C	7016700	1	Seal, Oil	
2C	7016701	1	O-Ring	
2C	7016702	1	O-Ring	
2D	7022203	4	Bolt (Pump to Bracket)	
2E	7016744	2	Bolt (Motor to Bracket)	
3	4640930	1	Manual Descent Valve Assembly	
3A	7012954	4	Cartridge, Needle	
3A	7012953	4	Seal, Kit - 7012954 Cartridge	
3B	7012961	4	Knob	
3C	7012694	1	Cartridge, Pump	
3C	7012699	1	Seal Kit - 7012694 Cartridge	
4	4640908	1	Counterbalance Valve Assembly	
4A	7011328	2	Cartridge, Counterbalance	
4A	2900770	2	Seal Kit - 7011328 Cartridge	
6	4640866	1	Manual Pull Valve Assembly	
6	2900708	1	Seal Kit - 4640866 Valve	
6A	7012959	1	Knob	
9	4640907	1	Brake Valve Assembly	
9A	7012941	1	Cartridge without Coil	
9A	7012907	1	Seal Kit - 7012941 Cartridge	
9B	7012944	1	Coil	
10	2120146	1	Hydraulic Pressure Filter Assembly	
10A	2120150	1	Element, Filter	
10B	7016312	1	Switch, Clog Indicator	
11		Ref	Articulating Jib Valve Kit (See ACCESSORY VALVE ASSEMBLIES for Breakdown) Options:	
11	Not Required	1	Articulating Jib Valve Kit 600A - 2WS/600A - 4WS	
11	4640921	1	Articulating Jib Valve Kit 600AJ - 2WS/600AJ - 4WS	
11		Ref	Harness, Articulating Jib Options (Not Shown - See ELECTRICAL SECTION for Breakdown)	
11	4921771	1	Harness, Articulating Jib **(Prior to SN 0300035129)**	
11	4921927	1	Harness, Articulating Jib **(SN 0300035129 through 0300069000)**	
12		Ref	4WS Valve Assembly (See ACCESSORY VALVE ASSEMBLIES for Breakdown) Options:	

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FIGURE 2-7. SWING MOTOR ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**SWING MOTOR ASSEMBLY OPTIONS:**	
	3160200	Ref	**Swing Motor Assembly (Prior to SN 0300064566)**	C
	3160273	Ref	**Swing Motor Assembly (SN 0300064566 through 0300069000)**	B
1	See Note	NSS	Seal, Dust (Note: Use Item 26)	
2	See Note	NSS	Ring, Split Wire (Note: Use Item 26)	
3	See Note	NSS	Shim, Metal Back-up (Note: Use Item 26)	
4	See Note	NSS	Seal, High Pressure (Note: Use Item 26)	
5	See Note	NSS	Shim, Metal Back-up (Note: Use Item 26)	
6	See Note	NSS	Seal, Teflon Back-up (Note: Use Item 26)	
7	See Note	NSS	Seal, Shaft (Note: Use Item 26)	
8	See Note	NSS	Seal, Body (Note: Use Item 26)	
9	See Note	NSS	Carrier, Seal (Note: Use Item 27)	
10	See Note	NSS	Thrustwasher (Note: Use Item 27)	
11		Ref	Bearing, Thrust Options:	
11	7005842	1	Motor p/n 3160200	
11	7016422	1	Motor p/n 3160273	
12	7005889	1	Link, Drive	
13		Ref	Plate, Wear Options:	
13	7005845	1	Motor p/n 3160200	
13	7016423	1	Motor p/n 3160273	
14	7005890	1	Rotor Assembly	
15	7005891	1	Pin, Drive Link	
16	See Note	NSS	Ball (Note: Use Item 28)	
17	See Note	NSS	Cover, End (Note: Use Item 28)	
18	See Note	NSS	Tag, I.D. (Note: Not Available for Purchase)	
19	7005892	4	Bolt	
20		Ref	Housing Options:	
20	7005841	1	Motor p/n 3160200	
20	7016425	1	Motor p/n 3160273	
21	7005893	1	Plug, Cooling	
22		Ref	Shaft Options:	
22	7005894	1	Motor p/n 3160200	
22	7016426	1	Motor p/n 3160273	
26	7005881	1	Seal Kit (Includes Items 1-8)	
27	7005882	1	Seal Carrier Kit (Includes Items 9 & 10)	
28		Ref	End Cover Kit (Includes Items 16 & 17) Options:	
28	7005848	1	Motor p/n 3160200	
28	7016424	1	Motor p/n 3160273	
29		Ref	Housing/Shaft Kit (Includes Items 20-22) Options:	
29	7005895	1	Motor p/n 3160200	
29	7016427	1	Motor p/n 3160273	

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FIGURE 5-6. LEVEL (UPRIGHT) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**LEVEL (UPRIGHT) CYLINDER ASSEMBLY**	
	1683299	Ref	**Original Equipment**	F
	1684498	Ref	**Service Replacement**	C
		Ref	**Note: Original Equipment components may have been replaced with Service Replacement components part. Identify p/n stamped on cylinder before ordering parts.**	
1		Ref	Barrel Weldment Options:	
1	1683300	1	Barrel Weldment **(Prior to SN 0300056430)**	
1	1684014	NLA	Barrel Weldment (Original Equipment) (Use p/n0370035)	
1	0370035	1	Service Replacement	
1A	0961949	2	Bushing	
2		Ref	Rod Weldment Options:	
2	1683302	1	Rod Weldment **(Prior to SN 0300056430)**	
2	1684015	1	Rod Weldment **(SN 0300056430 through 0300069000)**	
2A	0961949	2	Bushing	
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	
7	2900792	1	Seal Kit - 4640509 Valve	
8	4640605	1	Cartridge, Valve	
8	2900792	1	Seal Kit - 4640605 Valve	
9	3932032	8	Bolt, Socket Head 5/16in-11NC x 2in	
10	2220883	2	Plug, O-Ring	
11	See Note	NSS	Ring, Lock (Note: Use Item 51)	
12	See Note	NSS	Seal, Hydrolock (Note: Use Item 51)	
13	See Note	NSS	O-Ring (Note: Use Item 51)	
14	See Note	NSS	Ring, Back-up (Note: Use Item 51)	
15	See Note	NSS	Ring, Wear (Note: Use Item 51)	
16	See Note	NSS	O-Ring (Note: Use Item 51)	
17	See Note	NSS	Ring, Back-up (Note: Use Item 51)	
18	See Note	NSS	Seal, Rod (Note: Use Item 51)	
19	See Note	NSS	Wiper (Note: Use Item 51)	
20	0100011	AR	Compound, Locking	
21	0100038	AR	Primer, Locking	
22	3760372	1	Washer, Ring	
24	0630536	3	Bolt 3/8in-16NC x 1-1/2in	
25	2220886	1	Plug, O-Ring	
26	0100063	AR	Adhesive	
51	2901285	1	Seal Kit (Includes Items 11-19)	

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