Illustrated Parts Manual

Models

600SC

660SJC

PRIOR TO
SN 0300128000

Gradall Chassis &
ADE System

3121158

September 30, 2018 - Rev Z

ANSI

CE

An Oshkosh Corporation Company

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FIGURE 1-8. ROTARY COUPLING ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**ROTARY COUPLING INSTALLATION**	
	80215014	Ref	**Rotary Coupling Installation 600SC**	C
	80215016	Ref	**Rotary Coupling Installation 660SJC**	C
12	80213115	1	Rotary Coupling Assembly	
12	80213116	1	Seal Kit - 80213115 Coupling (Includes Qty 9 Seals and Qty 2 Wiper Rings)	
13	80216035	1	Stabilizer	
14	80211144	1	Support	
15	88201069	4	Bolt 1/2in-13NC x 2in	
16	88501008	4	Nut 1/2in-13NC	
17	88551013	4	Lockwasher 1/2in	
18	83191021	8	Bolt M10 x 30mm	
19	83191013	8	Lockwasher M10	
20	83191004	4	Bolt M12 x 30mm	
21	83191010	4	Lockwasher M10	
22	80211147	4	Spacer	
23	80211148	2	Keeper	
25	14403364	AR	Compound, Locking	
	0271817	Ref	**ROTARY COUPLING INSTALLATION**	1-A
101	0641616	4	Bolt 3/8in-16NC x 2in	
102	4751600	4	Flatwasher 3/8in	
103	0100011	AR	Compound, Locking	

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FIGURE 2-11. PISTON PUMP ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**PISTON PUMP ASSEMBLIES**	
	3600363	Ref	**Front Pump (15 Tooth)**	B
	3600359	Ref	**Rear Pump (13 Tooth)**	A
1	7024805	1	Cam Follower Bearing Assembly (Includes Item 3)	
2	7022330	1	Swashplate	
3	7021236	1	Bearing, Needle	
4		Ref	Shaft Options:	
4	7021237	1	Front Pump (15 Tooth)	
4	7022354	1	Rear Pump (13 Tooth)	
5	7021238	1	Ring, Retaining	
6	7021239	1	Bearing, Roller	
7		Ref	Shaft Options (Includes Items 4, 5 & 6):	
7	7021240	1	Front Pump (15 Tooth)	
7	7022355	1	Rear Pump (13 Tooth)	
8	See Note	NSS	O-Ring (Note: Use Item 120)	
9	See Note	NSS	Seal, Lip (Note: Use Item 120)	
10	7021243	1	Carrier, Shaft Seal	
11	7023996	1	Screw	
12	7022331	1	Link, Control Summing	
13	7022332	1	Link, Control Feedback	
14	7022333	1	Link, Neutral Adjust	
15	7022334	1	Screw, Neutral Adjust	
16	7023997	1	Nut, Seal	
17	7022321	1	Plug (Includes Item 18)	
18	See Note	NSS	O-Ring (Note: Use Item 17 or 120)	
19	7022335	1	Control Kit (Includes Items 20 & 21)	
20	7023998	4	Screw	
21	7021267	3	Screw	
22	7022336	1	Spool Assembly	
23	7022337	1	Spring	
24	7022338	1	Gasket, Control	
25		Ref	Housing Assembly (Includes Items 27, 32, 36 & 41):	
25	7023999	1	Front Pump	
25	3600359	1	Rear Pump (Note: Not Available - Purchase Complete Rear Pump.)	
26	7021248	1	Side Cover Assembly	
27	7021249	1	Bearing, Needle	
28	7021250	1	Pin	
29	7021251	2	Screw	
30	See Note	NSS	Gasket, Side Cover (Note: Use Item 120)	
31	7021253	2	Gasket, Servo Cover	
32	Not Required	0	Screen, Filter	
33	7021255	4	Screw	
34	7022321	1	Plug (Includes Item 35)	
35	See Note	NSS	O-Ring (Note: Use Item 34 or 120)	
36		Ref	Plug	
36	7001485	1	Front Pump	
36	Not Required	0	Rear Pump	
37	7007419	2	Plug (Includes Item 38)	
38	See Note	NSS	O-Ring (Note: Use Item 37 or 120)	

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FIGURE 5-10. LIFT CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**LIFT CYLINDER ASSEMBLIES**	
	1683666	Ref	**Original Equipment**	G
	1001112468	Ref	**Service Replacement**	B
		Ref	Note: Original Cylinder May Have Been Replaced with Service Replacement. Identify PN Stamped on Cylinder Before Ordering Parts.	
1		Ref	Barrel Options (Note: Includes Item 1A):	
1	1683955	1	Original Equipment	
1	1001112467	1	Service Replacement	
1A	0961950	2	Bushing	
2	1683954	1	Rod (Note: Includes Item 2A)	
2A	0961950	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	2220887	1	Plug, O-Ring	
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 30)	
12	See Note	NSS	Seal, Hydrolock (Note: Use Item 30)	
13	See Note	NSS	O-Ring (Note: Use Item 30)	
14	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
15	See Note	NSS	Ring, Wear (Note: Use Item 30)	
16	See Note	NSS	O-Ring (Note: Use Item 30)	
17	See Note	NSS	Ring, Back-up (Note: Use Item 30)	
18	See Note	NSS	Seal, Rod (Note: Use Item 30)	
19	See Note	NSS	Wiper (Note: Use Item 30)	
20	0100011	AR	Compound, Locking	
21	0100038	AR	Primer, Locking	
22	3760372	1	Washer, Ring	
24	0630536	3	Screw, Socket Head 3/8in-16NC x 1-1/2in	
25	2220235	1	Plug, O-Ring	
26	0100063	AR	Loctite #RC609	
30	2901285	1	Seal Kit (Includes Items 11-19)	

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