Illustrated Parts Manual

Model
680S

Prior to SN 0300182743

3121235

July 24, 2018 - Rev Y

ANSI

CE

An Oshkosh Corporation Company

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FIGURE 1-3. TIRE AND WHEEL DRIVE INSTALLATIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**WHEEL DRIVE INSTALLATION**	
	0273378	Ref	**2WD**	E
	0273704	Ref	**4WD**	D
		Ref	**Note: 2WD Qty Shown. For 4WD, Double Qty Shown.**	
1	0100011	AR	Compound, Locking	
3	3311801	4	Nut 1/2in-13 NC	
4	0682016	16	Bolt 5/8in-11NC x 2in (Grade 8)	
5	2300016	AR	Fluid, Hydraulic (Not Shown)	
6	2780272	2	Drive Hub Assembly (See DRIVE HUB ASSEMBLY for Breakdown)	
7	3020008	AR	Lubricant (Not Shown)	
8		Ref	Drive Motor Assembly Options (See DRIVE MOTOR ASSEMBLY for Breakdown):	
8	3160308	2	2WD Rear **(Prior to SN 0300098924)**	
8	3160347	2	2WD Rear **(SN 0300098924 through 0300182743)**	
8	3160266	4	4WD Front and Rear **(Prior to SN 030009864)**	
8	3160348	4	4WD Front and Rear **(SN 0300098641 through 0300182743)**	
9	3300007	20	Nut, Wheel	
13	4891800	4	Flatwasher, 1/2in Hardened	
14	4892000	16	Flatwasher 5/8in Hardened	
		Ref	**TIRE AND WHEEL INSTALLATIONS**	
	0270885	Ref	**15-625 NHS Pneumatic (Available on All Specs Except Australian and CE Specs)**	C
	0272322	Ref	**15-625 NHS Pneumatic with Sealant (Available on ANSI Specs Only)**	C
	0270886	Ref	**15-625 NHS Foam-Filled (Available on All Specs)**	C
	0270888	Ref	**18-625 NHS Foam-Filled (Available on All Specs)**	C
	0271419	Ref	**41/18LLx22.5 Sand and Turf Foam-Filled (Available on All Specs)**	B
	0271083	2	15-625 NHS Pneumatic Left Side	
	0271084	2	15-625 NHS Pneumatic Right Side	
	0272334	2	15-625 NHS Pneumatic with Sealant Left Side	
	0272333	2	15-625 NHS Pneumatic with Sealant Right Side	
	0271085	2	15-625 NHS Foam-Filled Left Side	
	0271086	2	15-625 NHS Foam-Filled Right Side	
	0271090	2	18-625 NHS Foam-Filled Left Side	
	0271091	2	18-625 NHS Foam-Filled Right Side	
	0271419	4	41/18LLx22.5 Sand and Turf Foam-Filled	
		Ref	**Note: Assemblies may require ballast/foam filling to manufacturer's specifications prior to installing on a machine. Refer to Operation and Safety or Service and Maintenance Manuals. Purchase individual tire and/or rim only if able to foam fill tire and wheel assembly, otherwise, purchase complete assembly.**	
101	1702701	1	Decal, 95 PSI/6.5 Bar (15-625 Tires - Pneumatic Only)	
102		Ref	Tire Options:	
102	4520252	1	15-625 Tire	
102	4520253	1	18-625 Tire	
102	4520256	1	41/18LLx22.5 Sand and Turf Tire	
103	4640113	1	Valve, Air	
104		Ref	Rim, Wheel Options:	
104	4860224	1	13 x 24.5 Rim (Use with 15-625 Tires)	

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FIGURE 3-4. ROTATOR ASSEMBLIES

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**ROTATOR ASSEMBLIES**	
	0060061	Ref	**Rotator Assemblies (Prior to SN 0300111097)**	I
		Ref	**Note: Use p/n 1001091625 as Service Replacement For p/n 0060061.**	
	1001091625	Ref	**Rotator Assemblies (SN 0300111097 through 0300182743)**	B
1		Ref	Case/Bracket Weldment Options:	
1	7017175	1	Used on p/n 0060061	
1	See Note	1	Used on p/n 1001091625 (Note: Not Available - Purchase Complete Rotator Assy)	
1A	0961951	2	Bushing	
2	7017162	1	Shaft	
3	7017163	1	Sleeve, Piston	
4	7017164	1	Cap, End	
8	See Note	3	Bolt 1/4in-20NC (Grade 8) (Note: Not available for purchase.)	
9	See Note	1	Seal, Cap (Use Items 100A or 100B)	
10	See Note	1	Ring, Back-Up Cap (Use Items 100A or 100B)	
11	See Note	1	Seal, Rod (Use Items 100A or 100B)	
12	See Note	1	Seal, Piston (Use Items 100A or 100B)	
13	See Note	2	Packing, Bearing (Use Items 100A or 100B)	
14	7017159	1	Bearing, Cap	
15	7017159	1	Bearing, Shaft	
16	7017159	2	Thrustwasher	
17	7017172	1	Counterbalance Valve Assembly	
17A	7017192	2	Valve, Cartridge	
17A	See Note	2	Seal Kit (1 Per Assembly) (Note: Not Available - Purchase Complete Assembly.)	
18		Ref	Bushing Options:	
18	7017136	2	Used on p/n 0060061	
18	7017195	2	Used on p/n 1001091625	
19	70005579	1	Tube, Stop (Optional) (Not Shown - Used on p/n 1001091625)	
		Ref	**KIT OPTIONS:**	
100		Ref	Seal Kit Options: (Includes Items 9-13)	
100A	7017158	1	Standard	
100B	70000342	1	Low Temperature	
101	7017159	1	Bearing Kit (Includes Items 14-16)	
102	7017142	1	Hardware Kit (0060061 Rotators Only) (Includes End Cap Dowel Pins, Plugs and 103)	
103	70001697	4	Screw, Countersunk 1/4in-20NC x 3/8in (Grade 8)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001116597	Ref	ANSI Spec **(Prior to SN 0300143785)**	
	1001116598	Ref	CSA Spec **(Prior to SN 0300143785)**	
	1001120993	Ref	ANSI and CSA Spec **(SN 0300143785 through 0300182743)**	
	0257195	Ref	Decal - Government Warranty Installation	
	0274528	Ref	Decal - Head and Engquist Equipment	
	0273251	Ref	Decal - Hertz	
	1703175	1	Decal - Lanyard Attach (GM K-1 Spec)	
	0273376	Ref	Decal - Nations Rent	
	0274244	Ref	Decal - National Equipment Services	
	1702962	1	Decal - Prop 65 Warning (Diesel Machines) (California Spec)	
	1702961	1	Decal - Prop 65 Warning (Gasoline Machines) (California Spec)	
	1001095392	Ref	Decal - RSC Equipment Rental	
	0271816	Ref	Decal - Sunbelt	
	0271815	Ref	Decal - United Rentals	
	4420051	Ref	Decal - Warning Stripes	
	0272312	Ref	Decal - Tire Sealant	
	2902203	1	Kit - Tire Sealant	
		Ref	**Electrical Connector Kits**	
	1001148902	Ref	Amp Electrical Connector Kit	
	1001148903	Ref	Deutsch DT Electrical Connector Kit	
	1001148904	Ref	Deutsch HD Electrical Connector Kit	
	1001148905	Ref	Packard Electrical Connector Kit	
	1001148906	Ref	Various Electrical Connectors Kit	
		Ref	**Engine Block Heater Installation Options:**	
	0275261	Ref	**GM Engines**	
	0257157	Ref	**Ether Start Installation (Deutz Engine Machines)**	
	1001093389	Ref	**Fan, Cover**	
		Ref	**Filter Kits:**	
		Ref	Combined Filter Kit Options (Hydraulic/Air and Fuel/Engine Oil):	
		Ref	Caterpillar Engine Machines	
	1001114054	1	Caterpillar Engine Machines **(Prior to SN 0300141319)**	
	1001114055	1	Caterpillar Engine Machines **(SN 0300141319 through 0300182743)**	
		Ref	Deutz Engine Machines	
	1001111004	1	Deutz Engine Machines **(Prior to SN 0300141319)**	
	1001114049	1	Deutz Engine Machines **(SN 0300141319 through 0300182743)**	
		Ref	GM Engine Machines	
	1001113981	1	GM Engine Machines **(Prior to SN 0300141319)**	
	1001151650	1	GM Engine Machines **(SN 0300141319 through 0300182743)**	
		Ref	Hydraulic/Air Filter Options:	
	See Note	1	Caterpillar/GM Engine Machines (Note: Not available for purchase)	
		Ref	Deutz Engine Machines	
	1001109707	1	Deutz Engine Machines (was p/n 1001114047) **(Prior to SN 0300087262)**	
	1001109702	1	Deutz Engine Machines **(SN 0300087262 through 0300182743)**	
		Ref	Engine - Fuel/Engine Oil Filter	
	See Note	1	Caterpillar/GM Engine Machines (Note: Not available for purchase)	
	1001110133	1	Deutz Engine Machines	
		Ref	**Fluids:**	

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