Illustrated Parts Manual

Model 150HAX

P/N
3120680

January 4, 2013

ANSI

An Oshkosh Corporation Company

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FIGURE 2-7. SWING MOTOR ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref.	**SWING MOTOR ASSEMBLY OPTIONS:**	
	3160127	Ref.	**Nichols Version (Prior to S/N 35001)**	B
1	Use Item 300	1	Seal, Dust	
2	Use Item 300	1	Ring, Back-Up	
3	Use Item 300	1	Seal, Quad Ring	
4	7004196	1	Valve, Rotary	
5	7004167	2	Ball, Check Valve	
6	7004179	1	IGR Assembly	
7	Use Item 300	1	Ring, Snap	
8	Use Item 300	2	Seal, Ring	
9	7004171	1	Plug, Vent (Includes O-Ring)	
10	7004197	8	Bolt	
11	7010700	1	Shaft, Spline	
12	7004198	1	Body/Bearing Assembly	
13	7004192	1	Cover/Bearing Assembly	
	3160127	Ref.	**Parker Version (S/N 35001 to S/N 64566)**	D
101	Use Item 301	1	Seal, Dust	
102	7010775	1	Ring, Back-Up	
103	Use Item 301	1	Seal, Lip	
104	Not Used			
105	7004167	2	Ball, Check Valve	
106	7010791	1	IGR Assembly	
107	Use Item 301	1	Ring, Snap	
108	Use Item 301	3	Seal, Square Ring	
109	7010795	1	Plug, Case Drain (W/ O-Ring)	
110	7010792	8	Bolt	
111	Not Used			
112	7010793	1	Shaft, Spline	
113 to 114	Not Used			
115	7010794	1	Body/Bearing Assembly	
116	Not Used			
117	7004192	1	Cover/Bearing Assembly	
118 to 120	Not Used			
121	Use Item 301	1	Ring, Snap	
122	7010776	1	Plate, Commutator	
	3160275	Ref.	**Parker Version (S/N 64566 to Present)**	A
201	Use Item 302	1	Seal, Dust	
202	Use Item 302	1	Ring, Back-Up	
203	Use Item 302	1	Seal, Lip	
204	Not Used			
205	7004167	2	Ball, Check Valve	
206	7010791	1	IGR Assembly	
207	Use Item 302	1	Ring, Snap	
208	Use Item 302	3	Seal, Square Ring	

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FIGURE 2-10. SWING HUB ASSEMBLY

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref.	**SWING HUB ASSEMBLY**	
	2780181	Ref.	**Prior to S/N 81679**	—
	2780278	Ref.	**S/N 81679 to Present**	A
		Ref.	**Note: For Machines Prior to S/N 0300081679, Original Equipment Assembly p/n 2780181 may have been replaced with p/n 2780278 as Service Replacement Assembly. Identify P/N before ordering replacement components.**	
1		1	Shaft, Output Options:	
	Use 7024778		Prior to S/N 81679 (2780191 Hub Assy) (was p/n 7010430)	
	7024778		S/N 81679 to Present (2780278 Hub Assy) (Includes Qty 1 of Items 6,7,8,23 & 33)	
2	7010408	1	Cup, Bearing - Outer	
3	7010409	1	Cone, Bearing - Outer	
4	7010431	1	Cup, Bearing - Inner	
5	7010432	1	Cone, Bearing - Inner	
6	7007689	1	Lockwasher (Part of Item 1)	
7		1	Flatwasher Options:	
	7010411		Prior to S/N 81679 (2780191 Hub Assy)	
	7007688		S/N 81679 to Present (2780278 Hub Assy) (Part of Item 1)	
8	7010412	1	Nut, Bearing (Part of Item 1)	
9		1	Housing Options:	
	7010434		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	
10	Use Item 100	1	Seal, Lip	
11		1	Plug, Pipe Options:	
	7000243		Prior to S/N 81679 (2780191 Hub Assy)	
	7017048		S/N 81679 to Present (2780278 Hub Assy)	
12	7001952	3	Plug, Pipe	
13		114	Bearing, Needle Options:	
	7001909		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	
14		3	Shaft, Planet Options:	
	7010413		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	
15		6	Washer, Thrust options:	
	7010414		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	
16		1	Carrier Options:	
	7010415		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	
17		3	Spacer, Thrust Options:	
	7010416		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	
18		3	Rollpin Options:	
	7001913		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	
19		3	Gear, Cluster Options:	
	7010418		Prior to S/N 81679 (2780191 Hub Assy)	
	Not Available		S/N 81679 to Present (2780278 Hub Assy)	

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FIGURE 5-5. LIFT CYLINDER ASSEMBLY - MAIN

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
		Ref.	**MAIN LIFT CYLINDER ASSEMBLY:**	
	1682516	Ref	**Prior to S/N 36519**	5/E
	1683702	Ref	**S/N 36519 to Present**	1/B
		Ref.	**Note: Original Equipment Cylinder p/n 1682516 may have been replaced with Service Replacement Cylinder p/n 1683702. Identify p/n stamped on cylinder before ordering parts.**	
1	1682238	1	Barrel Weldment	
1A	0961458	2	Bushing	
2	1682517	1	Rod Weldment	
2A	0961458	2	Bushing	
3	3480142	1	Piston	
4	1682193	1	Head	
5		1	Nut, Hex	
	3300322		Prior to S/N 36519	
	3300297		S/N 36519 to Present	
6	4565231	1	Spacer	
7	4640647	1	Cartridge, Valve (Pilot-Operated)	
	Consult Factory	1	Seal Kit - 4640647 Valve	
8		1	Cartridge, Valve (Counterbalance)	
	Use 4640938		Prior to January 1994 (Was p/n 4640634)	
	Use 4640938		January 1994 to February 1996 (Was p/n 4640771)	
	4640938		February 1996 to Present	
	2900770	1	Seal Kit - 4640938 Valve	
9	1120369	1	Cap	
10	3900171	1	Setscrew	
11	2160001	2	Fitting, Grease	
12	Use Item 100	2	Ring, Lock	
13	Use Item 100	1	O-Ring	
14	Use Item 100	2	Seal	
15	Use Item 100	1	Ring, Wear	
16	Use Item 100	1	O-Ring	
17	Use Item 100	1	Seal, Rod	
18	Use Item 100	1	Wiper	
19	2180527	1	Plug, Pipe	
20	0100011	A/R	Compound, Locking	
21	0100020	A/R	Sealant, Pipe	
22	0100038	A/R	Primer, Locking	
23	0100035	A/R	Compound, Locking	
100	2901156	1	Seal Kit (Includes Items 12-18)	

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