Illustrated Parts Manual

Model 150HAX

P/N
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An Oshkosh Truck 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 8-1. DECALS INSTALLATION

ITEM #	PART NUMBER	QTY.	DESCRIPTION	REV.
	0252861	Ref.	**DUTCH DECAL INSTALLATION**	2
	0272807	Ref.	**FINNISH DECAL INSTALLATION**	1
	0252087	Ref.	**FRENCH DECAL INSTALLATION**	2
	0252859	Ref.	**GERMAN/AUSTRIAN DECAL INSTALLATION**	3
	0252860	Ref.	**ITALIAN DECAL INSTALLATION**	2
	0273190	Ref.	**NORWEGIAN DECAL INSTALLATION**	1
	0253266	Ref.	**SPANISH DECAL INSTALLATION**	1
	0252086	Ref.	**UK DECAL INSTALLATION**	2
	0252042	Ref.	**Common Decals**	14
	0257166	Ref.	**CE Spec**	2
	0252864	Ref.	**Dutch Spec**	2
	0272808	Ref.	**Finnish Spec**	1
	0252079	Ref.	**French Spec**	2
	0252862	Ref.	**German/Austrian Spec**	2
	0273214	Ref.	**Norwegian Spec**	1
	0252863	Ref.	**Italian Spec**	2
	0253267	Ref.	**Spanish Spec**	2
	0252078	Ref.	**UK Spec**	4
1	Not Available	1	Nameplate - Serial Number	
2	1700584	1	Decal - Patent	
3	1701509	1	Decal - Manual	
4	Not Used			
5	1704277	2	Decal - Attach Lanyard	
6		1	Nameplate - Footswitch Options:	
	1703518		Dutch Spec	
	1705616		Finnish Spec	
	1693292		French Spec	
	1693294		German/Austrian Spec	
	1701600		Italian Spec	
	1701791		Spanish Spec	
	3252347		UK Spec	
7	3820001	4	Rivet	
8 to 9	Not Used			
10	1701501	4	Decal - Arrow	
11	1701505	1	Decal - Fuel	
12	1701504	1	Decal - Hydraulic Oil	
13	1701500	4	Decal - Tie Down /Lift Up	
14	1701499	4	Decal - Don't Tie Down /Lift Up	
15		95ft/29m	Decal, Stripe	
	Use 1701703		Prior to September 1995 (was p/n 1700431)	
	1701703		September 1995 to Present	
16	Not Used			
17	0641408	1	Bolt 1/4"-20NC x 1"	
18	1060279	1	Cable, Lanyard	
19	3311405	5	Locknut 1/4"-20NC	
20	4751400	6	Flatwasher 1/4"	
21	0860520	1	Box, Manual Storage	
22	Not Used			

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