Illustrated Parts Manual

Model

1100SJ

PVC
2001
2007

P/N
31215053

June 30, 2020 - Rev C

ANSI

An Oshkosh Corporation Company

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FIGURE 4-2. BOOM ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001194708	Ref	BOOM ASSEMBLY	M
1	0100011	AR	Compound, Locking	
2	0100019	AR	Compound, Locking	
3	0561471	2	Block, Spacer	
4	0641608	4	Bolt 3/8 x 1	
5	0701031	4	Bolt M10 x 140	
6	0711018	2	Bolt M10 x 50	
7	0761009	4	Bolt M10 x 18	
8	0761010	28	Bolt M10 x 20	
9	0761014	36	Bolt M10 x 30	
11	0761018	6	Bolt M10 x 50	
12	0761019	12	Bolt M10 x 55	
13	0761027	4	Bolt M10 x 100	
14	0761618	2	Bolt M16 x 50	
15	0962297	2	Bushing	
16	1220078	2	Sheave, Block	
17	3020039	AR	Lubricant	
18	3272201	2	Nut 3/4	
19	3272401	1	Nut 7/8	
20	3282601	1	Nut 1	
21	3300241	2	Nut Nylon Collar Locking 3/4-10	
22	3300242	1	Nut Nylon Collar Locking 7/8-9	
23	3300459	1	Nut	
24	4071015	2	Shim, 16 Gauge	
25	4160197	1	Spring	
26	4812000	94	Washer M10	
27	4812300	2	Washer M16	
28	1001110853	2	Bolt M16 x 70	
29	1001118287	22	Pad, Wear	
30	1001136583	2	Pad, Wear	
31	1001136592	20	Shim, 11 Gauge	
32	1001137032	3	Screw M10 x 16	
33	1001143713	20	Shim, 18 Gauge	
34	1001146775	2	Sheave, Assembly	
34	0962404	2	Bushing, Bronze (1 Per Sheave)	
34	0962411	2	Bushing, Composite (1 Per Sheave)	
35	1001148011	2	Pad, Wear	
36	1001148012	2	Pad, Wear	
37	1001148420	2	Bar	
38	1001148421	2	Bar	
39	1001148576	2	Cover, Sheave	
40	1001148577	2	Block, Rope Retainer	
41	1001148578	2	Sleeve, Sheave	
42	1001194636	4	Shim, 14 Gauge	
43	1001194653	1	Shim, 16 Gauge	
44	1001194663	1	Cover	
45	1001194706	1	Boom, Mid	
46	1001194712	1	Pad, Wear	
47	1001194715	1	Pad, Wear	
48	1001194717	1	Boom, Base	

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FIGURE 7-3. CHASSIS HYDRAULIC DIAGRAM - 4WD/2WS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001150089	Ref	CHASSIS HYDRAULIC DIAGRAM - 4WD/2WS	E
1	2110810	2	Fitting, Straight ORFS/ORB	
2	2130808	6	Fitting, 90 ORFS/ORB	
3	2130810	2	Fitting, 90 ORFS/ORB	
4	2130812	8	Fitting, 90 ORFS/ORB	
5	2150810	1	Fitting, 45 ORFS/ORB	
6	2151012	4	Fitting, 45 ORFS/ORB	
7	2170108	4	Fitting, Straight ORFS/ORB	
8	2170208	2	Fitting, 90 ORFS/ORB	
9	2170708	2	Fitting, Tee ORFS/FSORFS/ORFS	
10	2170908	3	Fitting, Cap FORFS	
11	2220371	6	Fitting, Straight JIC/ORB	
12	2220415	2	Fitting, Straight JIC/ORB	
13	2220466	2	Fitting, 90 JIC/ORB	
14	2220473	7	Fitting, 90 JIC/ORB	
15	2220502	2	Fitting, 45 JIC/ORB	
16	2220605	2	Fitting, Tee JIC/FSJIC/JIC	
17	2220819	3	Fitting, 90 JIC/ORB	
18	2220861	2	Fitting, Tee JIC/FSJIC/JIC	
19	2220923	2	Fitting, Straight JIC/ORB	
21	1001194341	4	Hose	
22	1001194342	2	Hose	
23	1001194345	2	Hose	
24	1001194346	2	Hose	
25	1001194396	4	Hose	
26	1001194397	1	Hose	
27	1001194398	6	Hose	
28	1001194401	4	Hose	
29	1001194402	4	Hose	
30	1001194406	4	Hose	
31	1001194407	2	Hose	
32	4240017	3	Tie-Strap (Not Shown)	
33	4240018	26	Tie-Strap (Not Shown)	
34	0100011	AR	Compound, Locking	
35	0760810	8	Bolt M8 x 20	
36	3291005	8	Nut M10	
37	4811900	8	Washer M8	
38	4812000	8	Washer M10	
39	1001209688	4	Bracket	
40	1001209841	8	Pad	
41	1001209842	4	Plate, Clamp	
42	0100081	AR	Adhesive	
43	2220472	2	Fitting, 90 JIC/ORB	
44	2220582	2	Fitting, Straight JIC/ORB	
45	2750532	12.6 in /32cm	Hose	

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FIGURE 11-1. SPECIAL OPTIONS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: This list is to accommodate machines ordered with special equipment. Options may not be applicable to all models. For more specific parts information contact JLG Parts Department.	
		Ref	MISCELLANEOUS SPECIAL OPTIONS	
	1001216793	Ref	Air Cleaner Pre-Cleaner	
	1001150058	Ref	Airline Installation	
	1001153446	Ref	Analyzer Installation	
	1001150052	Ref	Bellows Installation - Boom	
	1001150054	Ref	Bellows Installation - Chassis	
	1001150094	Ref	Boom Rest Block Installation	
	1001195494	Ref	Boom Wipers Installation	
	1001242653	Ref	ClearSky Decal Installation	
	1001246542	1	ClearSky E-Boom	
	1001242624	Ref	ClearSky Installation Canbus (ANSI Spec)	
	1001242625	Ref	ClearSky Installation Canbus (CE)	
	1001246526	Ref	ClearSky Installation Canbus (Australian Spec)	
	1001246527	Ref	ClearSky Installation Canbus (Chinese Spec)	
	1001242626	Ref	ClearSky Installation 3-Wire (ANSI Spec)	
	1001242627	Ref	ClearSky Installation 3-Wire (CE Spec)	
		Ref	Decal Kits	
	2902303	Ref	Decal Kit - Master	
	2902307	Ref	Decal Kit - Country Spec (ANSI Spec)	
	2902309	Ref	Decal Kit - Country Spec (Chinese Spec)	
	2902308	Ref	Decal Kit - Country Spec (Japanese Spec)	
	2902310	Ref	Decal Kit - Country Spec (Korean Spec)	
		Ref	Electrical Connector Kits	
	1001148902	Ref	Amp/Tyco 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	
	1001253945	Ref	Enhanced Detection System (Level 1)	
	1001253946	Ref	Enhanced Detection System (Level 2)	
	1001148971	Ref	Lanyard (Bolt-on) Installation Kit	
		Ref	Light Options:	
	1001201539	Ref	Chassis Illuminations Lights Installation	
	1001152640	Ref	Platform Beacon Light Installation	
	1001120467	Ref	Platform Floodlights Installation	
	1001150064	Ref	Oil Cooler Installation (Deutz TD2011 Engines)	
	1001218402	Ref	Oil Cooler Installation (Deutz TD2.9L4 Engines)	
	1001150095	Ref	Platform Bumpers Installation	
	1001193568	Ref	Platform Console Cover Installation	
	1001110974	Ref	Platform Console Cover Installation	
	1001206605	Ref	Soft-Touch (Overhead) Installation - With LSS (Chinese & Korean Specs)	
		Ref	Tools For Service:	
	2901443	1	Analyzer Kit	
	7002821	1	Crimper, Wire	
	7002823	1	Pin Extractor - Universal (For Electrical Connectors with Pins	

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