Illustrated Parts Manual

Model

15VPSP

3121822

May 29, 2013

CE

An Oshkosh Truck Corporation Company

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TABLE OF CONTENTS

FIGURE NO.	TITLE	PAGE NO.
SECTION 1 - BASE		**1-1**
1-1	BASE MOUNTED COMPONENTS INSTALLATION	1-2
1-2	REAR DRIVE ASSEMBLY	1-6
1-3	DRIVE MOTOR ASSEMBLY	1-10
1-4	JLG POTHOLE PROTECTION INSTALLATION	1-12
SECTION 2 - CONTROLS		**2-1**
2-1	GROUND CONTROL/POWER PACK INSTALLATION	2-2
2-2	PLATFORM CONTROLS AND CABLES INSTALLATIONS	2-6
2-3	BATTERY CHARGER ASSEMBLY	2-8
2-4	PUMP/MOTOR/TANK ASSEMBLY	2-10
2-5	CONTROL BOX ASSEMBLY	2-12
SECTION 3 - MAST		**3-1**
3-1	MAST ASSEMBLY - 15VPSP	3-2
3-2	MAST MOUNTING COMPONENTS	3-8
SECTION 4 - PLATFORM		**4-1**
4-1	PLATFORM INSTALLATION (FOLD DOWN SIDE RAILS)	4-2
4-2	PLATFORM INSTALLATION (FIXED SIDE RAILS)	4-6
4-3	PLATFORM INSTALLATION (QUICK CHANGE GULLWING)	4-10
4-4	PLATFORM INSTALLATION (QUICK CHANGE MOLDED)	4-14
SECTION 5 - CYLINDER		**5-1**
5-1	LIFT CYLINDER ASSEMBLY	5-2
SECTION 6 - HYDRAULIC		**6-1**
6-1	HYDRAULIC DIAGRAM	6-2
6-2	HYDRAULIC DIAGRAM (S/N 03620 TO PRESENT)	6-4
SECTION 7 - ELECTRICAL		**7-1**
7-1	ELECTRICAL SCHEMATIC (PRIOR TO S/N 03620)	7-2
7-2	ELECTRICAL SCHEMATIC (S/N 03620 TO PRESENT)	7-3
7-3	ELECTRICAL COMPONENTS INSTALLATION	7-4
SECTION 8 - DECALS		**8-1**
8-1	DECALS INSTALLATION	8-2
SECTION 9 - RECOMMENDED SERVICE PARTS STOCK		**9-1**
SECTION 10 - SPECIAL OPTIONS		**10-1**
SECTION 11 - PART NUMBER INDEX		**11-1**

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FIGURE 1-1. BASE MOUNTED COMPONENTS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BASE ASSEMBLY	Ref.	
	0270535	**15VPSP**	Ref.	A
1	0100011	Loctite #242 (Not Shown)	A/R	
2 to 3	Not Used			
4	0630446	Bolt 3/8"-16NC x 1" (Carriage)	4	
5	0641406	Bolt 1/4"-20NC x 3/4"	2	
6	0641609	Bolt 3/8"-16NC x 1 1/8"	8	
7	0721008	Screw	2	
8	0902583	Bracket, Beacon	1	
9	1060658	Cable, Brake Assembly (See Items for 201-211 Breakdown)	1	
10	1702923	Decal - Manual Descent	1	
11	2420165	Gauge, Hour Meter	1	
12	2820085	Insulate, Ferrite Bead	2	
13	2920146	Lamp, Beacon Assembly	1	
	7016319	Tube, Flash	1	
	7016372	Lens, Amber	1	
14	3310601	Locknut #6-32NC	8	
15	3311005	Locknut #10-24NC	2	
16	3311405	Locknut 1/4"-20NC	2	
17	3311605	Locknut 3/8"-16NC	4	
18	3740069	Relay, Power 24VDC	3	
19	3910620	Screw #6-32NC x 1 1/4"	4	
20	3911010	Screw	3	
21	4160164	Spring, Compression	2	
22	4300106	Stud, Grooved	4	
23	4360314	Switch, Toggle	1	
24	4360465	Switch, Tilt	1	
25	4460648	Receptacle - 2 Position	2	
26	4711400	Flatwasher 1/4" Narrow	4	
27	4740430	Washer, Fender	2	
28	4750600	Flatwasher #6	8	
29	4751000	Flatwasher #10 Wide	7	
30	4751600	Flatwasher 3/8" Wide	12	
31	4846087	Base Weldment	1	
32	4860175	Wheel, Rear Assembly	2	
	7019659	Steel Insert (1 Per Assembly)	2	
33	4860177	Wheel, Caster Assembly	2	
	7019660	Axle 1/2" x 3 1/4" (1 Per Assembly)	2	
	7019661	Wheel, Replacement (1 Per Assembly)	2	
	7019662	Caster without Wheel (1 Per Assembly)	2	
	7019663	Bearing, Wheel (1 Per Assembly)	2	

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FIGURE 5-1. LIFT CYLINDER ASSEMBLY

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		LIFT CYLINDER ASSEMBLIES	Ref.	
	1683808	**PRIOR TO S/N 03620**	Ref.	A
	1684142	**S/N 03620 TO PRESENT**	Ref.	G
1	Kit	O-Ring	1	
2	Kit	Wiper	1	
3	Kit	Seal	1	
4	Kit	O-Ring	1	
5	Kit	Seal	1	
6	Kit	Ring, Wear	1	
7	Not Used			
8		Locknut Options:	1	
	7003246	Prior to S/N 03620		
	7023391	S/N 03620 to Present		
9	Not Used			
10		Barrel Options:	1	
	7019839	Prior to S/N 03620		
	Not Available	S/N 03620 to Present		
11		Rod Options:	1	
	7019838	Prior to S/N 03620		
	7023393	S/N 03620 to Present		
12		Piston Options:	1	
	7019835	Prior to S/N 03620		
	7023392	S/N 03620 to Present		
13		Head Options:	1	
	7019834	Prior to S/N 03620		
	7023394	S/N 03620 to Present		
14		Spacer Options:	1	
	7019872	Prior to S/N 03620		
	Not Required	S/N 03620 to Present		
15		Poppet, Solenoid Valve (S/N 03620 to Present Only)	1	
	7024354	Poppet, Solenoid Valve - 20 Volt Coil		
	7012958	20 Volt Coil Only		
	7012998	Seal Kit		
16	7023397	Spring (S/N 03620 to Present Only)	1	
17	7023398	Control Valve (S/N 03620 to Present Only)	1	
18	7023399	Knob-Red	1	
		— — — — — — — — — —		
	7019865	Seal Kit - 1683808 (Includes Items 1-6)	1	
	7023395	Seal Kit - 1684142 (Includes Items 1-6)	1	

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FIGURE 7-3. ELECTRICAL COMPONENTS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		ELECTRICAL SYSTEM INSTALLATIONS	Ref.	
	0259776	**Prior to S/N 03620**	Ref.	E
	0271478	**S/N 03620 to Present**	Ref.	A
1	1060618	Cable, Battery - 40"	1	
2	1060619	Cable, Battery - 24"	1	
3	1060620	Cable, Battery - 21"	2	
4 to10	Not Used			
11	4921963	Harness, Right Motor	1	
11A	4460644	Receptacle - 5 Pin	1	
	4460645	Shell, Receptacle	2	
11B	4460648	Receptacle - 2 Position	1	
11C	4460320	Connector, Female - 2 Position	1	
	4460267	Pin	1	
	4460268	Socket	2	
12	4921964	Harness, Left Motor	1	
12A	4460644	Receptacle - 5 Pin	1	
	4460645	Pin	2	
12B	4460648	Receptacle - 2 Position	1	
12C	4460320	Connector, Female - 2 Position	1	
	4460267	Pin	1	
	4460268	Socket	2	
13	4921965	Harness, Valve & Limit Switch (Prior to S/N 03083)	1	
	4922492	Harness, Valve & Limit Switch (S/N 03083 to S/N 03620)	1	
	4922617	Harness, Valve & Limit Switch (S/N 03620 to Present)	1	
	3990010	Diode	A/R	
13A	4460681	Receptacle - 15 Pin	1	
	4460643	Shell, Receptacle	1	
	4460684	Socket	8	
13B	4460424	Connector, Male - 2 Position	2	
	4460267	Pin	2	
	4460268	Socket	2	
13C	2400006	Fuse - 5 Amp	1	
	4460044	Fuseholder	1	
14	4921966	Harness, Controller Power	1	
	3990010	Diode	2	
14A	4460646	Receptacle - 5 Pin	1	
	4460647	Shell, Receptacle	2	
14B	4460320	Connector, Female - 2 Position	1	
	4460268	Socket	2	
15	4921967	Harness, Key Switch Power	1	
15A	2400006	Fuse - 5 Amp	1	
	4460044	Fuseholder	1	
16	4921968	Harness, Main Contactor	1	
	3990010	Diode - 6 Amp	2	
17	4921969	Harness, E-Stop (Located Inside Control Box)	1	
18	4460234	Strap, Tie (Not Shown)	2	

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