Illustrated Parts Manual

Models
EC520AJ

P/N
31217108

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An Oshkosh Corporation Company

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FIGURE 4-11. CONTROLLER ASSEMBLY - LIFT AND SWING

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001166539	Ref	CONTROLLER ASSEMBLY	D
		Ref	Note: Original Equipment Controller May Have Been Replaced with Service Replacement Controller. Visually Identify Controller Before Ordering Parts.	
		Ref	Note: Use p/n 1001129555 as Replacement.	
1	See Note	NSS	Main Cast Body (Note: Not Available - Purchase Complete Assembly)	
2	70004752	1	Adapter	
3	See Note	NSS	Pivot Arm, Plastic (Note: Not Available - Purchase Complete Assembly)	
4	See Note	NSS	Holder, Magnet (Note: Not Available - Purchase Complete Assembly)	
5	See Note	NSS	Arc, Magnet (Note: Not Available - Purchase Complete Assembly)	
6	See Note	NSS	Screw (Note: Not Available for Purchase)	
7	See Note	NSS	Pivot Arm, Cast (Note: Not Available - Purchase Complete Assembly)	
8	See Note	NSS	Shaft, Main (Note: Not Available - Purchase Complete Assembly)	
9	See Note	NSS	Bearing (Note: Not Available - Purchase Complete Assembly)	
10	See Note	NSS	Pin (Note: Not Available - Purchase Complete Assembly)	
11	See Note	NSS	Shim (Note: Not Available - Purchase Complete Assembly)	
12	See Note	NSS	Pin (Note: Not Available - Purchase Complete Assembly)	
13	See Note	NSS	Bearing (Note: Not Available - Purchase Complete Assembly)	
14	See Note	NSS	Dome, Centering (Note: Not Available - Purchase Complete Assembly)	
15	70004753	1	Cap	
16	70004754	1	Insert, Cap	
17	70004755	3	Pin	
18	70004756	2	Washer	
19	70004757	1	Pin, Centering	
20	70004758	1	Spring	
21	70004759	1	Ring, Retaining	
22	70004760	1	E-Ring	
23	70004761	1	Can, Enclosure	
24	70004762	1	Boot	
25	70004763	1	Bezel	
26	See Note	NSS	Screw (Note: Not Available for Purchase)	
27	See Note	NSS	Base Mounting (Note: Not Available - Purchase Complete Assembly)	
28	See Note	NSS	Screw (Note: Not Available for Purchase)	
29	70004764	4	Screw	
30	70004765	4	Screw	
31	70004766	1	O-Ring	
32	See Note	NSS	Plate (Note: Not Available - Purchase Complete Assembly)	
33	See Note	NSS	Harness (Note: Not Available - Purchase Complete Assembly)	
34	70004767	1	Grommet, Rubber	
35	70004768	1	Housing	
36	70004769	1	Spring	
37	70004770	1	Stopper	
38	70004771	1	Spacer	
39	70004772	1	Washer	
40	70004773	1	Disc	

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FIGURE 5-2. LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001161716	Ref	LEVEL (PLATFORM SLAVE) CYLINDER ASSEMBLY	D
10	70005010	1	Barrel	
20	70005011	1	Rod	
60	70005012	1	Piston	
70	70003837	1	Head	
80	70005013	1	Setscrew	
85	70005014	1	Ball	
120	See Note	NSS	Ring, Bearing (Note: Use Item 280)	
130	See Note	NSS	Seal, Piston (Note: Use Item 280)	
140	70002413	1	Cartridge, Valve	
140	2900770	1	Seal Kit - 70002413 Valve	
150	1001168210	1	Cartridge, Valve	
150	2900770	1	Seal Kit - 1001168210 Valve	
160	See Note	NSS	O-Ring (Note: Use Item 280)	
170	See Note	NSS	Seal (Note: Use Item 280)	
180	See Note	NSS	Seal (Note: Use Item 280)	
190	See Note	NSS	O-Ring (Note: Use Item 280)	
200	See Note	NSS	Wiper (Note: Use Item 280)	
210	70003838	1	Ring, Retaining	
240	0961951	4	Bushing	
250	70025619	4	Plug 7/16	
260	70024262	2	Plug 1/4	
270	See Note	2	Plug, Shipping (Note: Not Available for Purchase)	
280	70005016	1	Seal Kit - 1001161716 Cylinder (Includes Items 120 ,130 & 160-200)	

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FIGURE 8-1. DECAL INSTALLATION – CE SPECS

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001253598	Ref	DECAL INSTALLATION - REFERENCE CHART	A
	1001253599	Ref	DECAL INSTALLATION	A
1	0760610	4	Bolt M6 x 20	
2	0860520	1	Box, Manual Storage	
3	1701499	4	Decal - Tie Down /Lift	
4	1701500	4	Decal - Tie Down /Lift	
5	1701504	1	Decal - Hydraulic Oil	
6	1701509	1	Decal - Manual	
7	1701518	6	Decal - Warning/Crushing	
8	1701529	2	Decal - Arrow	
9	1702773	3	Decal - JLG	
10	See Note	NSS	Decal - Bar Code (Note: Not Available for Purchase)	
11	1702300	8	Decal - Tie Down /Lift	
12	1703687	2	Decal - Arrow	
13	1704277	2	Decal - Attach Lanyard Here	
14	1704412	1	Decal - Hydraulic Fluid	
15	1705822	1	Decal - Electrocution/Safety Manual	
16	1705828	1	Decal - Footswitch	
17	1705961	4	Decal - Danger Electrocution	
18	2080057	4	Fastener	
19	3290605	4	Nut M6	
20	4811700	8	Washer M6	
21	1001162429	1	Decal - Tipping/Electrocution	
22	1001172217	1	Decal - Lift Diagram (Without Turntable Lock)	
23	1001189882	1	Decal - MSSO	
24	1001190913	1	Decal - Max Capacity	

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