Illustrated Parts Manual

Model

520AJ

PVC
2001
2007

P/N
31215026

February 7, 2020 - Rev B

CE

AS/NZS

An Oshkosh Corporation Company

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FIGURE 3-7. ENGINE ASSEMBLY - DEUTZ D2011 ENGINE (STAGE V) (WITHOUT ARCTIC PACKAGE) (CE SPECS) (PVC 2001)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001235462	Ref	ENGINE ASSEMBLY - DEUTZ D2011 (STAGE V) ENGINE (WITHOUT ARCTIC PACKAGE)	E
1	0100011	AR	Compound, Locking	
2	0100020	AR	Sealant, Pipe	
3	0100081	AR	Adhesive	
4	0080231	1	Spacer, Fan	
7	0711224	4	Bolt M12 x 80	
8	0771414	8	Bolt M14 x 30	
9	0760610	6	Bolt M6 x 20	
10	0760814	8	Bolt M8 x 30	
11	0760815	9	Bolt M8 x 35	
12	0761015	11	Bolt M10 x 35	
13	0961951	2	Bushing	
14	1320016	2	Clamp	
15	1703162	2	Decal - Caution Fan	
16	2060025	1	Fan	
17	2220315	1	Fitting, Barbed	
18	2220451	2	Fitting, Straight JIC/ORB	
19	2720398	1	Hose	
20	2720447	1	Hose	
21	2902065	1	Pump Coupling Kit (See Separate Breakdown in this Section)	
22	3290605	6	Nut M6	
23	3290805	13	Nut M8	
25	3291005	11	Nut M10	
26	3331215	4	Nut M12	
27	3520054	2	Plug	
28	3740067	2	Relay Assembly	
28	3300220	2	Nut	
28	3321001	1	Nut #10	
28	3740140	1	Relay	
28	4761000	1	Washer #10	
28	1001111424	2	Washer	
29	3960407	1	Gasket	
30	4060805	2.25 ft / 0.69m	Trim-Flex	
31	4240099	AR	Tie-Strap	
32	4811700	15	Washer M6	
33	4811900	20	Washer M8	
34	4812000	22	Washer M10	
35	4812200	8	Washer M14	
36	5241200	4	Washer M12	
37	8305401	2	Nut 1/4	
38	8307109	2	Washer 1/4	
39	8310548	2	Screw 1/4 NC x 1/2	
40	1001132195	1	Bracket, Engine Mount	
41	1001132196	1	Bracket, Engine Mount	
43	1001138173	1	Support, Service Indicator	
44	1001138175	1	Bracket, Service Indicator	
45	1001138248	2 ft	Tube	

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FIGURE 8-20. BOOM CABLES & CLAMPS INSTALLATION (7500W SKYPOWER GENERATOR) (PVC 2007)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
	1001179228	Ref	BOOM CABLES AND CLAMPS INSTALLATION - REFERENCE CHART	N
	1001179781	Ref	BOOM CABLES AND CLAMPS INSTALLATION	N
1	0100011	AR	Compound, Locking	
2	0100081	AR	Adhesive	
3	0760814	2	Bolt M8 x 30	
4	0700827	6	Bolt M8 x 100	
5	0700828	2	Bolt M8 x 110	
6	0701021	3	Bolt M10 x 65	
7	0701024	4	Bolt M10 x 80	
8	0760812	4	Bolt M8 x 25	
9	0761012	1	Bolt M10 x 25	
10	1320130	1	Clamp	
13	2820031	AR	Heat Shrink	
14	3290405	4	Nut M4	
15	3290605	2	Nut M6	
16	3290805	12	Nut M8	
17	3291005	10	Nut M10	
19	3841340	1	Loop, Hose	
20	4010418	2	Screw M4 x 50	
21	4031511	2	Capscrew M4 x 35	
22	4060808	27.5 in/ 8.38m	Flex-Trim	
23	4240156	2	Strap, Clinch	
24	4460473	AR	Clamp, Cable	
25	4460865	1	Connector - 19 Position	
26	4460866	1	Connector - 19 Position	
27	1001218622	1	Terminal, Turnlock Plug	
28	1001218623	1	Terminal, Turnlock Connector	
29	4811900	4	Washer M8	
30	4811400	2	Washer M4	
31	4811902	4	Washer M8	
32	4812000	13	Washer M10	
33	1001176951	1	Harness, Tower Boom (Not Shown - See Separate Breakdown in this Section)	
34	4922929	1	Harness, Tower Boom – 8/5 – Lower Generator Cable (Not Shown)	
35	5251014	2	Bolt M10 x 30	
36	8881800	AR	Tie-Strap	
37	5281920	2	Screw M8 x 80	
38	1001118274	8	Nut M8	
39	1001118971	1	Sensor, Angle	
39	70005667	1	Arm	
40	1001118972	2	Nut M10	
41	1001172335	1	Harness, Main Boom (Not Shown - See Separate Breakdown in this Section)	
42	1001172343	1	Harness, Main Boom – 8/5 – Upper Generator Cable (Not Shown)	
43	1001164738	1	Harness, Boom Valve (Not Shown - See Separate Breakdown in this Section)	

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FIGURE 10-1. RECOMMENDED SERVICE PARTS STOCK

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	Note: The following list will service one machine (built to current production per date on the front cover) with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG dealer or the JLG Industries Parts Department.	
		Ref	STANDARD PARTS	
	7024885	1	Coil	
	70002386	1	Coil	
	70003788	1	Coil	
	70005219	1	Coil	
	70004897	1	Coil	
	70004871	1	Coil	
	7027628	1	Coil	
	1001212415	1	Controller Assembly (Drive and Steer)	
	1001129555	1	Controller Assembly (Lift and Swing)	
	70010383	1	Element, Filter Charge Pump (Includes O-Ring)	
	70002838	1	Fill Cap Assembly (Includes Cap, Chain and Fill Basket)	
	70003614	1	Filter Kit (Includes Hydraulic Element, Breather Element and Gasket)	
	1001095704	2	Fuse - 3Amp	
	1001196635	2	Fuse - 3Amp	
	8229242	2	Fuse - 5Amp	
	8229244	2	Fuse - 15Amp	
	1001129285	2	Fuse with Diode – 1Amp	
	3740067	1	Relay	
	3740140	1	Relay	
	3740086	1	Relay	
	1001095704	1	Relay	
	1001117308	1	Relay	
	2860030	1	Key, Replacement	
	4360328	1	Switch, Toggle	
	4360387	1	Switch, Push Button	
	4360475	1	Switch, Emergency Stop	
	4360476	1	Switch, Contact Block	
	4360407	1	Switch, Potentiometer	
	1001155045	1	Switch, Toggle	
	1001159256	1	Switch, Toggle	
	1001161709	1	Switch, Toggle	
		Ref	VARIABLE PARTS	
	1001181045	1	Breaker, 30mA/16Amp (CE Spec with 2 Breaker Box)	
	1001152479	1	Breaker, Circuit 16A Double (CE Specs Machines with 3 Breaker Box)	
	1001152482	1	Breaker, Circuit 30mA (CE Specs Machines with 3 Breaker Box)	
	70003783	12	Element, Air Cleaner (Deutz 2.9L4 and Deutz D2011 Engines)	
	7016331	12	Filter, Oil (Deutz Engines)	
	7020023	12	Filter, Fuel (Deutz D2011 Engines)	
	8229245	2	Fuse - 30Amp (Machines with 2500W Generator)	
	2940074	1	Latch (Machines with Gate)	
	1001142683	1	Module, Beacon Light (With SkyGuard)	

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