Illustrated Parts Manual

Models

1532E2
1932E2
2032E2
2632E2
2646E2
3246E2

3120738

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ANSI

An Oshkosh Corporation Company

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FIGURE 4-10. CONTROLLER ASSEMBLY (STANDARD CONTROLS MACHINES)

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**CONTROLLER ASSEMBLIES**	
	1600268	Ref	**Controller Assemblies- Stamped ID # Ending with 1619 (Prior to SN 59220)**	A
	1600295	Ref	**Controller Assemblies- Stamped ID # Ending with 1676 (SN 59220 to Present)**	C
	7011990	1	Mechanical Assembly **(Prior to SN 59220)**	
	7020521	1	Mechanical Assembly **(SN 59220 to Present)**	
1	Not Serviced	1	Handle Assembly	
1A	7020520	1	Boot (was p/n 7003778)	
1B	7020502	1	Gasket	
1C		Ref	Holder, Magnet Options (Not Shown):	
1C	Not Required	0	Holder, Magnet **(Prior to SN 59220)**	
1C	7020522	1	Holder, Magnet **(SN 59220 to Present)**	
2	7011991	1	Grip Assembly	
2A	7020500	2	Switch, Rocker	
2A	7020505	1	Switch, Separator	
2B	7020501	1	Switch, Push Button - Red	
2C	7020541	1	Grip - Right Half (was p/n 7011993 & p/n 7020531)	
2D	7011996	1	Pin, Grooved	
2E	7020541	1	Grip - Left Half (was p/n 7011994 & p/n 7020532)	
2F	7003791	1	Actuator, Switch	
2G	7011997	1	Trigger	
2H	7011998	4	Screw	
2J	7003790	1	Cap, Rubber	
		Ref	**Note: p/n 7020541 Includes Items 2C & 2E With a JLG Logo.**	
3		Ref	Electrical Assembly Options:	
3	7011999	1	Electrical Assembly **(Prior to SN 59220)**	
3	7020523	1	Electrical Assembly **(SN 59220 to Present)**	
3	4460265	1	Connector, Receptacle - 9 Pin (Not Shown)	
3	4460268	9	Socket (Not Shown)	
3A		Ref	Switch, Rocker Options:	
3A	7016362	3	Switch, Rocker (was p/n 7003714) **(Prior to SN 59220)**	
3A	Not Available	1	Switch, Rocker **(SN 59220 to Present)**	
4	Not Serviced	1	Plate Assembly	
5		Ref	Magnet Options (Not Shown):	
5	Not Required	0	Magnet **(Prior to SN 59220)**	
5	7020524	2	Magnet **(SN 59220 to Present)**	
6	7011987	1	Spring (Not Shown)	

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FIGURE 6-1. HYDRAULIC DIAGRAM - 1532E2 & 1932E2 & 2032E2

ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**HYDRAULIC DIAGRAMS - 1932E2 & 2032E2**	
		Ref	**Hydraulic Diagrams 1532E2 & 1932E2 Options:**	
	0258278	Ref	**Hydraulic Diagrams (Prior to SN 90870)**	6
	0271223	Ref	**Hydraulic Diagrams (SN 90870 to Present)**	
		Ref	**Hydraulic Diagrams 2032E2 Options:**	
	0257955	Ref	**Hydraulic Diagrams (Prior to SN 88558)**	8
	0271068	Ref	**Hydraulic Diagrams (SN 88558 to Present)**	2
2	0100010	AR	Sealant, Pipe	
3	2220603	2	Fitting, Straight	
4	2220371	6	Fitting, Straight	
5	2220415	4	Fitting, Straight	
6	2220500	1	Fitting, 45	
7	2220593	1	Fitting, Straight	
8	2220347	1	Fitting, Straight	
9	2220470	1	Fitting, Straight (2032E2)	
9	2220346	1	Fitting, Straight (1532E2 & 1932E2)	
10	2220775	1	Fitting, 90	
11	2220473	3	Fitting, 90	
14	2220582	2	Fitting, Straight (Was P/N 2220417) **(Prior to SN 104717)**	
15	2220466	1	Fitting, 90	
16	2220635	1	Fitting, Tee	
23	2220515	1	Fitting, Cap	
24	2220371	4	Fitting, Straight (2032E2)	
24	2221000	4	Fitting, 90, (1532E2 & 1932E2)	
25	2220371	1	Fitting, Straight (2032E2)	
25	2220473	1	Fitting, 90, (1532E2 & 1932E2)	
26	2820025	1 ft/.3m	Guard, Plastic Spring	
27	2220466	2	Fitting, 90, (2032E2)	
27	2220415	2	Fitting, Straight (1532E2 & 1932E2)	
28	2220414	2	Fitting, Straight 2032E2 **(SN 86447 to Present)**	
28	Not Required	0	Fitting, Straight (1532E2 & 1932E2)	
	2901668	Ref	**HOSE KIT - 1532E2 & 1932E2**	9
	2901559	Ref	**HOSE KIT - 2032E2**	4
101	2752478	1	Hose (1532E2 & 1932E2)	
101	2750989	1	Hose (2032E2)	
102	2752519	1	Hose (1532E2 & 1932E2) **(Prior to SN 62017)**	
102	2752940	1	Hose (2032E2)	
103	2752463	1	Hose (1532E2 & 1932E2) **(Prior to SN 111179)**	
103	2753065	1	Hose (2032E2)	
104	2753066	AR	Hose (Early Machines When Equipped)	
105		Ref	Hose Options:	
105	2753120	2	Hose 1532E2 & 1932E2 **(Prior to SN 86447)**	
105	2752488	2	Hose 1532E2 & 1932E2 **(SN 86447 to Present)**	
105	2752643	2	Hose 2032E2	
106		Ref	Hose Options:	
106	2753120	2	Hose 1532E2 & 1932E2 **(Prior to SN 86447)**	
106	2752488	2	Hose 1532E2 & 1932E2 **(SN 86447 to Present)**	
	2753067	2	Hose 2032E2	
107	2752594	2	Hose (1532E2 & 1932E2)	
107	2752992	2	Hose (2032E2)	

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ITEM	PART NUMBER	QTY	DESCRIPTION	REV
		Ref	**Filter Kits**	
	2910468	1	**Hydraulic/Air**	
		Ref	**Hydraulic Fluids**	
	2300014	Ref	**Mobil 424**	
	2300016	Ref	**Mobil DTE 13M**	
		Ref	**INVERTER INSTALLATIONS (110V 800WATT)**	
	Not Available	Ref	**Inverter Installations (110v 800watt) 1532E2**	
	0258972	Ref	**Inverter Installations (110v 800watt) 1932E2**	
	0257970	Ref	**Inverter Installations (110v 800watt) 2032E2/2646E2/3246E2**	
	0271935	Ref	**Inverter Installations (110v 800watt) 2632E2**	
	7023336	1	Kit, Circuit Card	
		Ref	**INVERTER KITS (110V 800WATT)**	
	2902478	Ref	**Inverter Kits (110v 800watt) 1532E2/1932E2**	
	2902508	Ref	**Inverter Kits (110v 800watt) 2032E2/2646E2/3246E2**	
	2460042	1	Inverter	
		Ref	Harness, Wiring Options:	
	4922842	1	Harness, Wiring 1532E2/1932E2	
	4923408	1	Harness, Wiring 2032E2/2646E2/3246E2	
		Ref	Harness, Inverter Switch Options:	
	4923370	1	Harness, Inverter Switch 1532E2/1932E2	
	4923412	1	Harness, Inverter Switch 2032E2/2646E2/3246E2	
	0257977	Ref	**KEY LANYARD INSTALLATION**	
	0259344	Ref	**LITERATURE PACK INSTALLATION (NIKKEN SPEC)**	
		Ref	**NIKKEN E2 SPECIAL PARTS KIT (WITH DECALS)**	
	0270549	Ref	**Nikken E2 Special Parts Kit (With Decals) 1532E2**	
	0272177	Ref	**Nikken E2 Special Parts Kit (With Decals) 1932E2**	
	0259347	Ref	**Nikken E2 Special Parts Kit (With Decals) 2032E2**	
	0272246	Ref	**Nikken E2 Special Parts Kit (With Decals) 2646E2**	
	0272247	Ref	**Nikken E2 Special Parts Kit (With Decals) 3246E2**	
		Ref	**NIKKEN E2 SPECIAL PARTS KIT (WITHOUT DECALS)**	
	0272248	Ref	**Nikken E2 Special Parts Kit (Without Decals) 1532E2/1932E2**	
	0272250	Ref	**Nikken E2 Special Parts Kit (Without Decals) 2032E2**	
	0272249	Ref	**Nikken E2 Special Parts Kit (Without Decals) 2646E2/3246E2**	
		Ref	**OVERLOAD PROTECTION PRESSURE SWITCH INSTALLATION (JAPANESE SPEC)**	
		Ref	**Note: Located on Lift Cylinder Port Block**	
	0258733	Ref	**Overload Protection Pressure Switch Installation (Japanese Spec) 1532E2 & 1932E2**	
	0257976	Ref	**Overload Protection Pressure Switch Installation (Japanese Spec) 2032E2**	
	0258651	Ref	**Overload Protection Pressure Switch Installation (Japanese Spec) 2646E2 & 3246E2**	
		Ref	Switch, Pressure Options:	
	1692617	1	Switch, Pressure **(Prior to SN 90188)**	
	4360494	1	Switch, Pressure **(SN 90188 to Present)**	
	0272506	Ref	**PIPE RACK ASSEMBLY (1932E2/2032E2)**	
		Ref	**PLATFORM CONSOLE BOX WITH FOOTSWITCH OPTIONS (SPECIAL SPEC ONLY)**	
	0258465	Ref	Japanese Spec Without Battery Discharge Indicator	
	0258461	Ref	Japanese Spec With Battery Discharge Indicator	
	0258113	Ref	Japanese Spec With Battery Discharge Indicator	
	0271328	Ref	Nikken/Taiyo Spec With Battery Discharge Indicator	

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