



PM-267212A

2020-09

Processes



Stick (SMAW) Welding

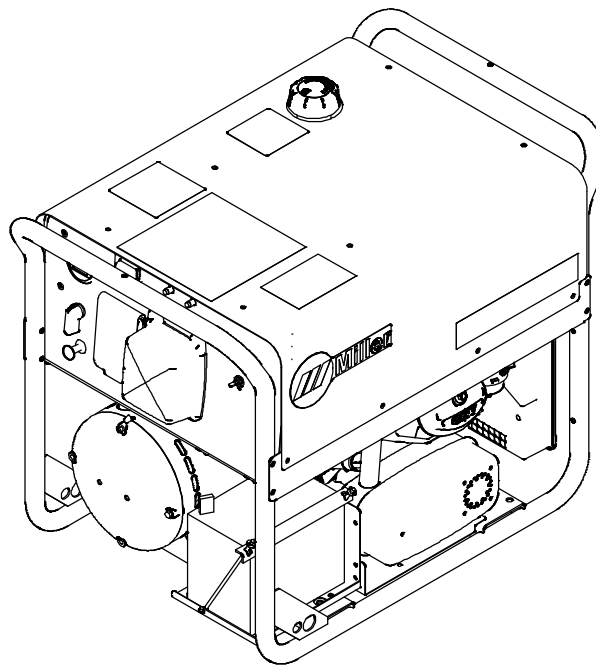
Description



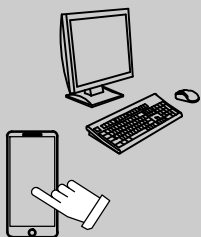
Engine Driven Welder/Generator

Blue Star[®] 185

Eff w/Serial No. ME330051R And Following



PARTS MANUAL

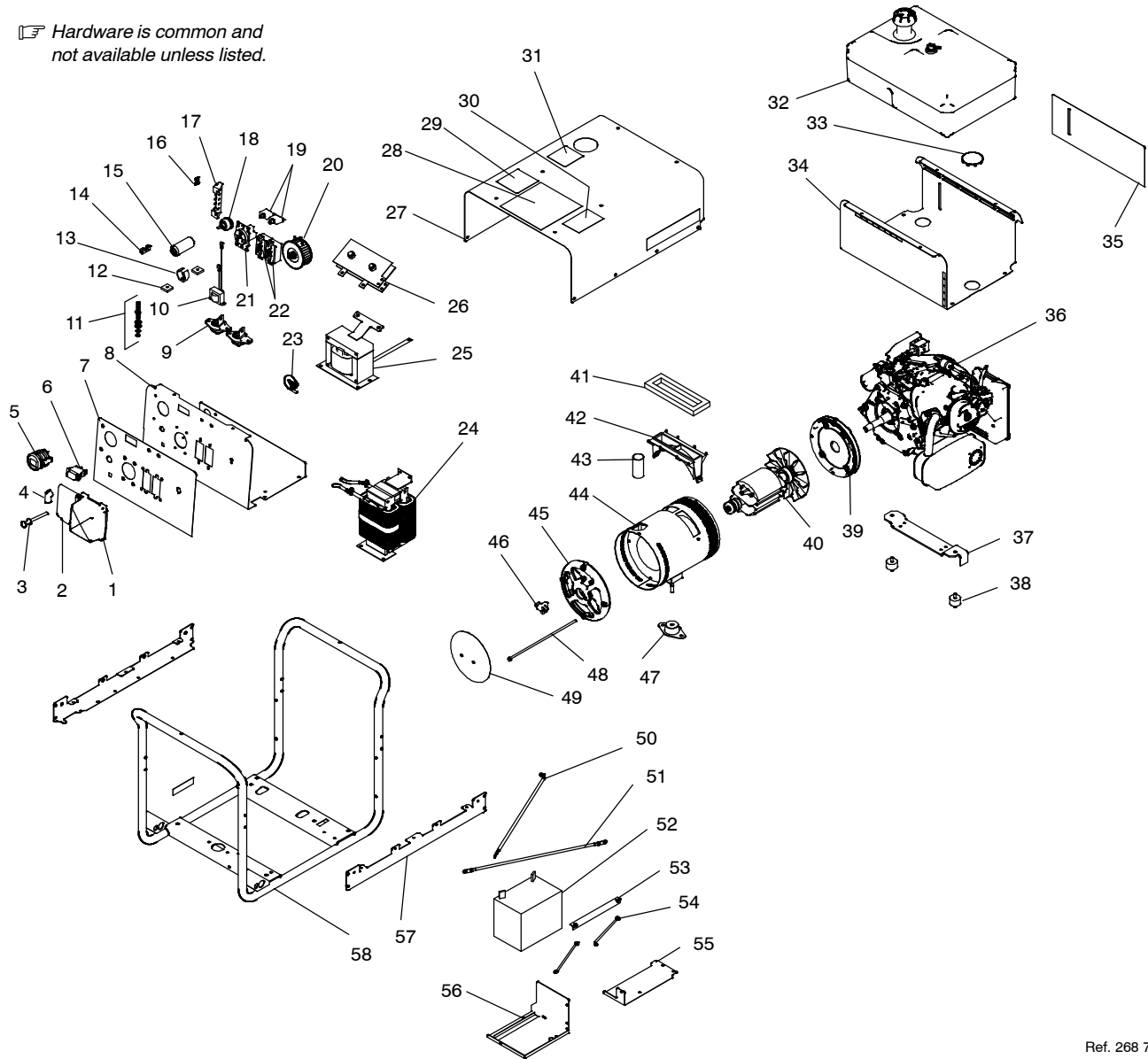


For product information,
Owner's Manual translations,
and more, visit

www.MillerWelds.com

SECTION 1 – PARTS LIST FOR SERIAL NO. ME330051R AND FOLLOWING

 Hardware is common and
not available unless listed.



Ref. 268 703-B

Figure 1-1. Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
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Figure 1-1. Main Assembly

...	1	273699	.. Cover, Receptacle In-Use	1
...	2	209056	.. Cover, Receptacle W/Gasket	1
...	3	249322	.. Control, Push/Pull Snap-In 31.437 W/1.750 Extension	1
...	4	207073	.. Lever, Ignition Switch	1
...	5	HM 202049	.. Gauge, Hour Meter/Idle Module (Prior to MK340358R)	1
...	5	HM 283010	.. Gauge, Hour Meter/Idle Module (Eff w/MK340358R)	1
...	6	CB1 267194	.. Supplementary Protector, Man Reset 2p 30A 250V	1
...		238802	.. Clip, Retaining Supplementary Protector	1
...	7		.. Label, Nameplate (Order By Model And Serial Number)	1
...	8	265556	.. Base, Control Box (Prior to MG030960R)	1
...	8	273693	.. Base, Control Box (Eff w/MG030960R Thru MG161107R)	1
...	8	275415	.. Base, Control Box (Eff w/MG161108R)	1
...	9	241433	.. Terminal, Pwr Output Black	2

Eff w/Serial No. ME330051R And Following

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-1. Main Assembly (Continued)				
10		274234	Coil, Inductor (Eff w/MF460809R Thru MG161107R) (Supplied w/engine eff w/MG161108R)	1
11		197203	Grounding Stud Assy, Brass	1
12	SR1, SR3	035704	Rectifier, Integ Bridge 40. Amp 800V	2
13		494915	Clamp, Capacitor	1
14		172731	Holder, Fuse Mintr .250 X 1.250 Clip Anti-Pivot	1
	F1	*021718	Fuse, Mintr GI 30. Amp 32 Volt	1
15	C1	218680	Capacitor, Elctlt 2000 uF 200 VDC Can 1.42 Dia	1
16		173734	Link, Jumper	1
17	1T	172661	Block, Stud Connection 6 Position	1
18	S1	217680	Switch, Ignition 4 Position W/Out Handle	1
19	CB2, CB3	093996	Supplementary Pro, Man Reset 1p 20A 250VAC Frict	2
20	R1	241165	Rheostat, Ww 150. W 50. Ohm Frict Term	1
		207077	Knob, Pointer 1.625 Dia Push On	1
21	RC1	248521	Rcpt, Str 2p3w 50A 250V*6-50r Flush Mt	1
22	GFCI2, GFCI3	280236	Receptacle, GFCI 15/20A	2
23	CT1	267986	Xfmr, Current Sensing	1
24	DC-Z	267188	Stabilizer	1
25	AC-Z	267187	Reactor	1
26	SR2	264887	Rectifier	1
27		+268494	Cover, Top Service Assy (Includes)	1
		267204	Cover, Top	1
28		233639	Label,Warning General Precautionary Csa (Bilingual)	1
29		233088	Label, Danger Using A Generator Indoors Can Kill You In Minutes (Unit)	1
30		227913	Label, Warning Battery Explosion Can Blind	1
31		227725	Label, Warning Use Gasoline Fuel Only (Bilingual)	1
32		266648	Tank Assy, Fuel 6.25 Gal	1
		124253	Bushing, Tank Fuel	1
		250210	Cap, Tank Screw-on W/Tether	1
		250212	Assy, Fuel Vent Line	1
		268236	Hose Assy, Fuel W/Shut-Off Valve	1
33		268343	Plug, Snap-in(Steel)	1
		252360	Weatherstripping, Adh .250 X .500 X 14.125	1
34		267201	Base, Fuel Tank	1
35		267206	Label, Rear Panel	1
36		267186	Engine, Kohler Gas Elec Start (Prior to MG161108R)	1
36		274229	Engine, Kohler Gas Elec Start (Eff w/MG161108R)	1
		267157	Muffler, Exhaust Engine	1
		273877	Gasket, Muffler (Kohler Engine Ph-Ch440-3139)	1
		280787	Module, Ignition (Kohler CH440)	1
		*268468	Air Filter Kohler (Ch440)	1
		*246110	Filter, Fuel In-Line .250 Kohler 75um	1
		*268467	Spark Plug, Kohler (Ch440)	1
37		267191	Bracket, Mtg Engine	1
38		211459	Mount, Engine Vibration	2
39		222658	Adapter, Engine	1
40		268113	Rotor, Generator	1
41		209340	Seal, Air Duct	1
42		209339	Duct, Air	1
43		210325	Tubing, Corrugated Plastic 1.500 Dia X 3.000	1
44		267679	Stator, Generator	1
45		222660	Endbell, Gen	1
46		493509	Brushholder Assy, Generator	1
47		214727	Mount, Generator Flange Mtg	1
48		495349	Screw, 250-20x12.50 Hexwhd Gr5 Pld	4
49		222656	Cover, Endbell	1
50		267202	Cable, Bat Pos 20.0 6ga W/.312 Rng & 90 Degree .250	1
51		267203	Cable, Bat Neg 17.0 6ga W/.312 Rng & .312 Rng	1
52			Battery, 12v Light Utility (Wet)	1

Eff w/Serial No. ME330051R And Following

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-1. Main Assembly (Continued)				
... 53		493057	.. Clamp, Battery	1
... 54		494604	.. Bolt, J Stl .250-20 X 8.000 Pld W/Nut&Washer	2
... 55		268784	.. Shield, Heat Muffler	1
... 56		267199	.. Tray, Battery	1
... 57		267190	.. Channel, Frame	2
... 58		267189	.. Frame, Base	1
		280787	.. Module, Ignition (Kohler CH440)	1
		*268469	.. Tune-Up & Filter Kit, Kohler (Ch440)	1
		*274236	.. Service Kit, Kohler Battery Charge Upgrade	

+When ordering a component originally displaying a precautionary label, the label should also be ordered. Labels available separately or as part of label kit.

* Recommended Spare Parts.

To maintain the factory original performance of your equipment, use only Manufacturer's Suggested Replacement Parts. Model and serial number required when ordering parts from your local distributor.

Notes

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Miller Electric Mfg. LLC

An Illinois Tool Works Company
1635 West Spencer Street
Appleton, WI 54914 USA

International Headquarters-USA

USA Phone: 920-735-4505 Auto-Attended
USA & Canada FAX: 920-735-4134
International FAX: 920-735-4125

For International Locations Visit
www.MillerWelds.com

