



PM-272375A

2020-09

Processes



MIG (GMAW) Welding

Flux Cored (FCAW) Welding



Stick (SMAW) Welding



TIG (GTAW) Welding



Air Carbon Arc (CAC-A)
Cutting and Gouging

Description

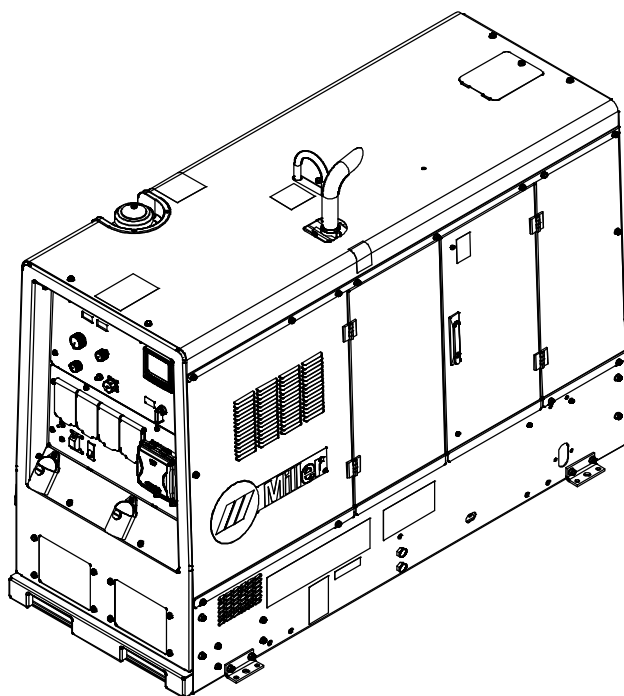


Engine Driven Welder/Generator

Big Blue[®] 600 Pro

Kubota

Eff w/Serial No. MF280056E Thru MH330530R



PARTS MANUAL



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

www.MillerWelds.com

SECTION 1 – PARTS LIST

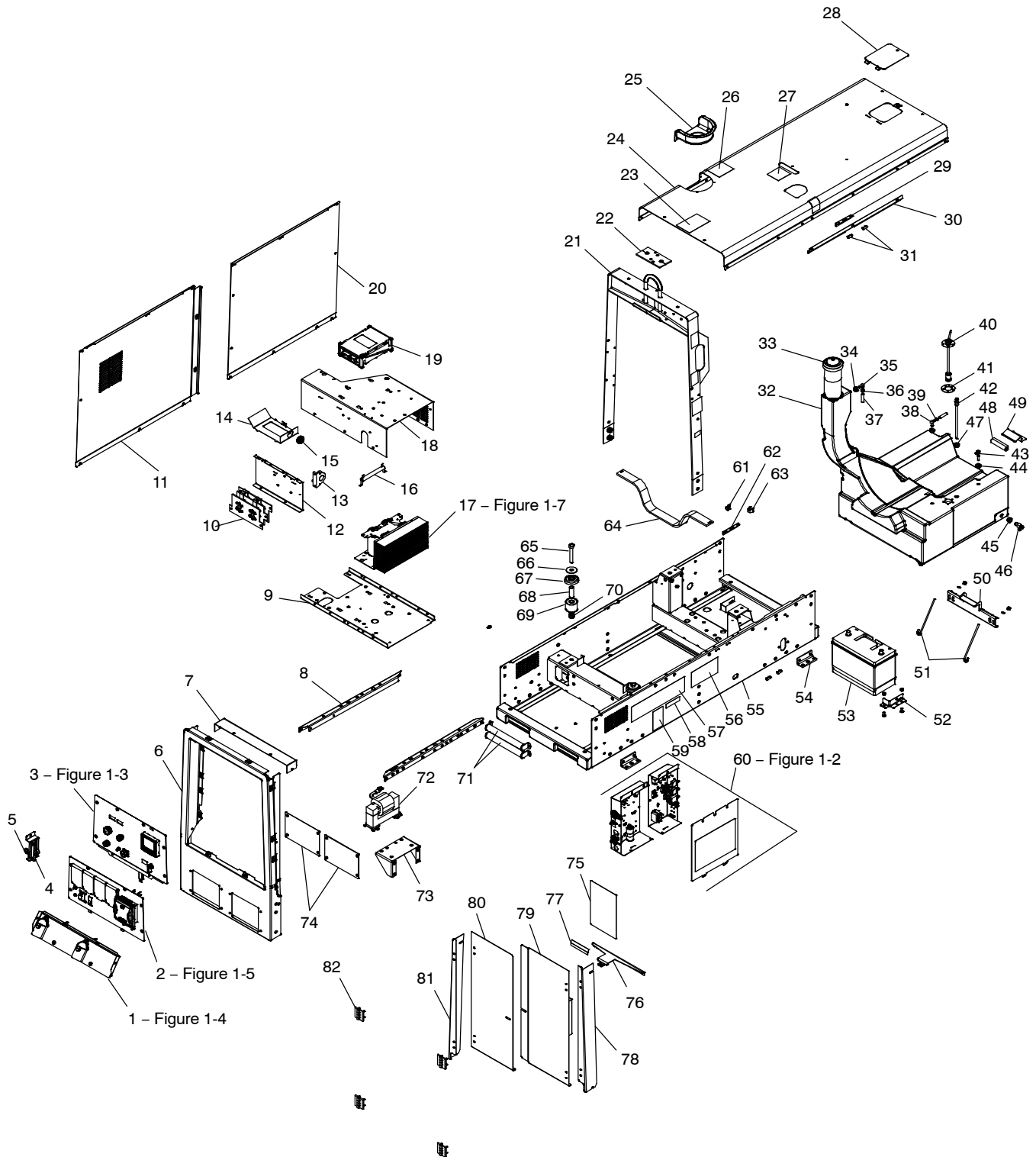
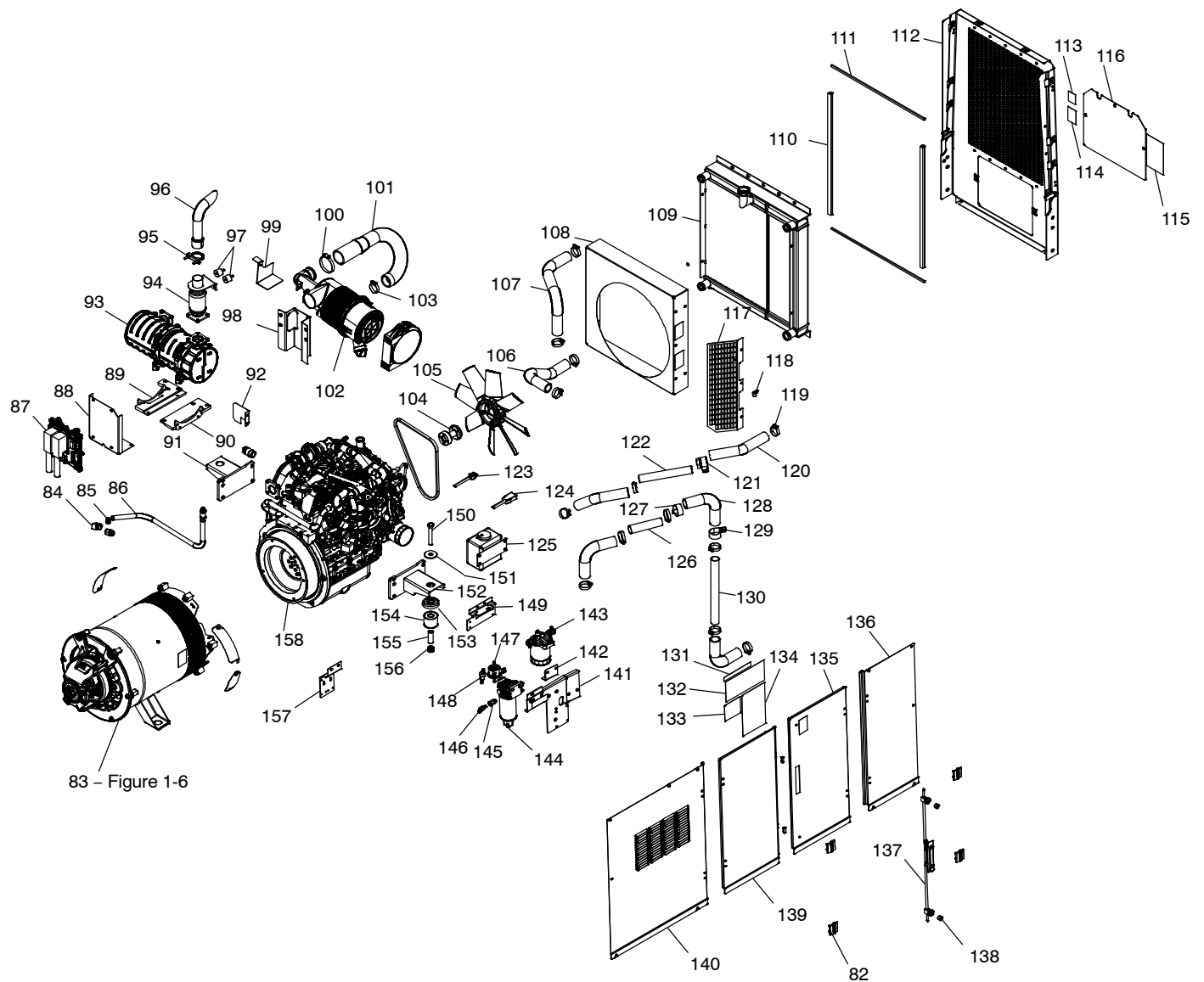


Figure 1-1. Main Assembly



Eff w/Serial No. MF280056E Thru MH330530R

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-1. Main Assembly				
1		Figure 1-4	Weld Output Panel	1
2		Figure 1-5	Auxiliary Power Panel	1
3		+Figure 1-3	Engine/Weld Control Front Panel	1
		270453	Label, Warning Read Owner's Manual Wordless	1
4	TE1	255682	Block, Term Assy Standard W/Clamp	1
5	CT1	105370	Xfmr, Current	1
6		254117	Upright, Front	1
7		191448	Cover, Top Front Upright	1
8		206352	Brace, Front To Center Upright	2
9		256487	Pan, Vault & Capacitors	1
10	SR6	255758	Rectifier, Si 3ph 400 Amp 600 Piv 100% Duty Cycle	1
11		259407	Panel, Generator Lh	1
12		258909	Bracket, Mtg Rectifier	1
13	HD1	168829	Transducer, Current 1000A Module Max Open Loop	1
14		273098	Baffle, Air Rectifier/Diodes	1
15		245520	Bushing, Snap-In Nyl 1.062 Id X 1.500 Mtg Hole Cent	1
16		188067	Resistor, Ww Fxd 100 W 200 Ohm W/Clips	1
17		Figure 1-7	Weld Output Module	1
18		258908	Windtunnel, Rect/Cap	1
19	PC1	272383	Module, Main Control/Igbt Gating (Bb600 Pro)	1
20		259533	Panel, Engine Extension Lh	1
21		+255669	Upright, Center Assy	1
		272334	Label, Warning Moving Parts (En/Fr-Sym)	1
		272333	Label, Warning Hot Parts (En/Fr-Sym)	2
		272331	Label, Notice Do Not Spray Water (En/Fr-Sym)	1
22		189464	Seal, Weather Lift Eye	1
23		272340	Label, Danger Using Generator Indoor (En/Fr/Sp-Sym)	1
24		+272948	Cover, Top	1
25		189052	Grommet, Plastic Neck Filler Fuel	1
26		272338	Label, Use Diesel Fuel Only (En/Fr-Sym) (Prior to MH060318R)	1
26		227728	Label, Warning Use Diesel Fuel Only (Trilingual) (Eff w/MH060318R)	1
27		272339	Label, Warning Falling Equipment (En/Fr-Sym)	1
		272333	Label, Warning Hot Parts (En/Fr-Sym)	1
28		201851	Cover, Radiator Access	1
29		261785	Bracket, Retainer Rod	1
30		259889	Channel, Stiffener Engine Access	1
31		191626	Bumper, Door Access Engine	6
32		268932	Tank, Fuel (Consisting Of)	1
33		254678	Cap, Tank Screw-On 3.500 In W/Vent W/Lanyard 8in	1
34		124253	Bushing, Tank Fuel	3
35		189912	Fitting, Stl Barbed Elbow W/.047 In Orf Zinc Pld	1
36		084173	Clamp, Hose .460 - .545 Clp Dia Slftng	1
37		107816	Hose, Sae .250 Id X .500 Od Xcoil	4.046 ft
38		189913	Fitting, Stl Barbed Elbow Zinc Pld	1
39		084173	Clamp, Hose .460 - .545 Clp Dia Slftng	1
40		264196	Sender, Fuel Gauge Reed Switch 9in	1
41		228054	Gasket, Fuel Sender/Fuel Tank	1
42		268931	Ftg, Stand Pipe Hose .500 X 9.538 Lg Str Zinc	1
43		189910	Fitting, Stand Pipe Hose .3125 X 9.260 Lg 90deg Zinc	1
44		124253	Bushing, Tank Fuel	3
45		181572	Bushing, Tank Fuel	2
46		189908	Valve, Drain Fuel 180 Deg Zinc Pld	1
47		181572	Bushing, Tank Fuel	1
48		263418	Extrusion, Rubber W/Adhesive 4.250lg	1
49		196220	Bracket, Holddown Fuel Tank Rear	1
50		266385	Bracket, Battery Holddown	1
51		201006	Bolt, J Stl .312-18 X 8.000 Pld	2
52		264924	Bracket, Battery Locator Adj	1
53			Battery, Stor 12V 925 Crk 195 Rsv Gp 31 Maint Free	1
54		191897	Bracket, Mtg Unit	4
55		269943	Base, (E Coat & Powder Black Finish Coat)	1
56		272342	Label, Warning Do Not Weld On Base (En/Fr-Sym)	2

Eff w/Serial No. MF280056E Thru MH330530R

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-1. Main Assembly (Continued)				
57		272343	Label, Warning General Precautionary (En/Fr-Sym)	2
58			Serial Number Label (Order by model and serial number)	1
59			Rating Card Label (Order by model and serial number)	1
60		Figure 1-2	Control Box	1
61		020279	Clamp, Stl Cush .687 Dia X .281 Mtg Hole (Prior to MG030030E)	1
61		087318	Clamp, Stl Cush 1.000 Dia X .406 Mtg Hole (Eff w/MG030030E)	1
62		261785	Bracket, Retainer Rod	1
63		192362	Bracket, Mtg Nyl 1/2 Conduit	1
64		218086	Bracket, Holddown Fuel Tank	1
65		199849	Screw, 625-11x4.00 Hex Hd-Pln Gr5 Pld	2
66		071731	Washer, Flat .656idx2.250odx.187t Stl Pld	2
67		071890	Retainer, Mount Eng/Gen	2
68		071730	Tubing, Stl .875 Od X12ga Wall X 2.500	2
69		083476	Mount, Eng/Gen Nprn .875id X 2.500od X 2.000 60 Dur	2
70		135205	Nut, 625-11 .94hex .77h Stl Pld Elastic Stop Nut	2
71	R3, R8	189699	Resistor, WW Tap 375 W 10 Ohm W/Mtg Bkt	2
72	Z1	249772	Stabilizer	1
73		248940	Bracket, Mtg Stabilizer	1
74		207096	Cover, Box Front Upright	2
75		♦257145	Label, Suggested Arc Control Settings	1
76		♦259266	Tab, Lockout	1
77		♦155146	Sponge, Nprn .060 X 1.000 Wide X 4.000 Sce 41 Close	1
78		♦265250	Mount, Access Rh	1
79		♦259268	Door, Access Rh W/Om Pocket	1
80		♦259265	Door, Access Lh	1
81		♦265249	Mount, Access Lh	1
82		189975	Hinge, Door Access 180 Deg	8
83		+Figure 1-6	Generator	1
		272334	Label, Warning Moving Parts (En/Fr-Sym)	2
84		274510	Ftg, Oil Drain Brs 90deg Elbow M22-1.5 X 1/2 Tbg	1
85		023562	Clamp, Hose .312 - .875 Clp Dia	1
86		199505	Hose Assy, Oil Drain 32.000 Lg	1
87			Engine Ecu (Available Through Kubota Service)	1
88		270599	Bracket, Mtg Ecu	1
89		271690	Assy, Mtg Doc Lh	1
90		272515	Assy, Mtg Doc Rh	1
91		270239	Bracket Assy, Mtg Engine Lh	1
92		272610	Guard, Alternator W/Heat Shield	1
93			DOC (Available Through Kubota Service)	1
94		272888	Pipe, Exhaust Flex Straight	1
95		010875	Clamp, Muffler 2.000 Dia U Pld	1
96		105734	Pipe, Muffler Extension Elbow 1.750 Od	1
97		256251	Mount, Vibration	2
98		270598	Bracket, Mtg Air Cleaner	1
99		273517	Shield, Heat Mass Air Flow Sensor	1
100		023313	Clamp, Hose 1.312 - 3.500 Clp Dia	1
101		270236	Hose, Air Cleaner To Turbo	1
102			Air Filter Assembly	1
		*273283	Filter, Air Element Primary	1
		*273284	Filter, Air Element Safety	1
		*273288	Belt, Fan	1
		*273289	Separator, Oil W/O Ring	1
103		010861	Clamp, Hose 1.312 - 2.250 Clp Dia	1
104		271479	Adapter, Fan	1
105		207203	Fan, Engine Cooling 18.000 8 Blade Suction	1
106		270237	Hose, Radiator Lower	1
107		270238	Hose, Radiator Upper	1
108		+270592	Shroud, Fan	1
		272333	Label, Warning Hot Parts (En/Fr-Sym)	2
		272334	Label, Warning Moving Parts (En/Fr-Sym)	2
109		270075	Radiator, W/Cac	1
110		260226	Extrusion, Rubber W/Adhesive .750 X .750 X 27.000	2

Eff w/Serial No. MF280056E Thru MH330530R

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-1. Main Assembly (Continued)				
.. 111		272573	Extrusion, Rubber W/Adhesive .375 X .250 X 24.000	2
.. 112		+254275	Upright, Rear Radiator	1
.. 113		272335	Label, Notice Do Not Disconnect Battery (En/Fr-Sym)	1
.. 114		272334	Label, Warning Moving Parts (En/Fr-Sym)	1
.. 115		272341	Label, Warning Battery Explosion (En/Fr-Sym)	1
.. 116		201183	Cover, Battery Access	1
.. 117		272611	Guard, Fan	1
.. 118		010021	Clamp, Stl Cush .562 Dia X .343 Mtg Hole	1
.. 119		273690	Clamp, Hose 1.260 – 2.244 Clp Dia Stnls Stl Lined	10
.. 120		270593	Hose, Cac Elbow 45deg	2
.. 121		089256	Clamp, Stl Cush 1.750 Dia X .531 Mtg Hole	1
.. 122		270595	Tube, Cac Upper	1
.. 123		272970	Cable, Bat Neg 42.000 No 1 Awg W/Clamp & .400 Rng	1
.. 124		264020	Cable, Bat Pos 45in No 1 Awg/8ga Aux W/Clamp & .400	1
.. 125		190190	Tank, Coolant Recovery	1
.. 126		270596	Tube, Cac Lower (Short)	1
.. 127		256531	Clamp, Stl Cush 2.000 Dia X .531 Mtg Hole	2
.. 128		270594	Hose, Cac Elbow 90deg	3
.. 129		256531	Clamp, Stl Cush 2.000 Dia X .531 Mtg Hole	1
.. 130		270597	Tube, Cac Lower (Long)	1
.. 131		272332	Label, Notice Do Not Use Ether (En/Fr-Sym) (Prior to MH060318R)	1
.. 131		227731	Label, Caution Do Not Use Ether (Trilingual) (Eff w/MH060318R)	1
.. 132		272444	Label, Diesel Engine Maintenance Kubota (V2403)	1
.. 133		217698	Label, Help Codes	1
.. 134		257145	Label, Suggested Arc Control Settings	1
.. 135		+258905	Door, Engine Access Rh	1
		272334	Label, Warning Moving Parts (En/Fr-Sym)	1
		272332	Label, Notice Do Not Use Ether (En/Fr-Sym)	1
.. 136		258906	Panel, Engine Rh	1
.. 137		262502	Latch Assy, Swinghandle Sealed W/Lock & Rods	1
.. 138		263245	Spacer, Nylon .750 Od X .380 Id X .472 Lg	2
.. 139		258657	Door, Engine Access Lh	1
.. 140		259911	Panel, Generator Rh	1
.. 141		+271269	Bracket, Mtg Fuel Filters/Pump	1
		272555	Label, Notice Drain Water From Fuel Filter (En/Fr)	1
.. 142		270603	Bracket, Mtg Fuel Filter	1
.. 143		*273285	Filter, Fuel Primary Cartridge	1
.. 144		*273286	Filter, Fuel/Water Separator Secondary Cartridge	1
		*273287	Filter, Oil Cartridge	1
.. 145		270232	Ftg, Pipe Adapter 1/4 Female X M14–1.5 Male	1
.. 146		270602	Ftg, Hose Brs Elbow 1/4 Male Npt X 1/2 Hose Barbed	1
.. 147			Fuel Pump (Available Through Kubota Service)	1
.. 148			Fuel Check Valve (Available Through Kubota Service)	2
.. 149		272514	Bracket, Mtg Kubota Engine Harness	1
.. 150		199849	Screw, 625–11x4.00 Hex Hd–Pln Gr5 Pld	2
.. 151		071731	Washer, Flat .656idx2.250odx.187t Stl Pld	2
.. 152		270242	Bracket Assy, Mtg Engine Rh	1
.. 153		071890	Retainer, Mount Eng/Gen	2
.. 154		083476	Mount, Eng/Gen Nprn .875id X 2.500od X 2.000 60 Dur	2
.. 155		071730	Tubing, Stl .875 Od X12ga Wall X 2.500	2
.. 156		135205	Nut, 625–11 .94hex .77h Stl Pld Elastic Stop Nut	2
.. 157		272536	Bracket, Mtg Kubota Connectors	1
.. 158		263132	Engine, Kubota Dsl Elec V2403 (T4f) (Includes)	1
			Engine ECU	1
			Diesel Oxidation Catalyst (DOC)	1
			Fuel Pump	1
			Fuel Check Valve	1

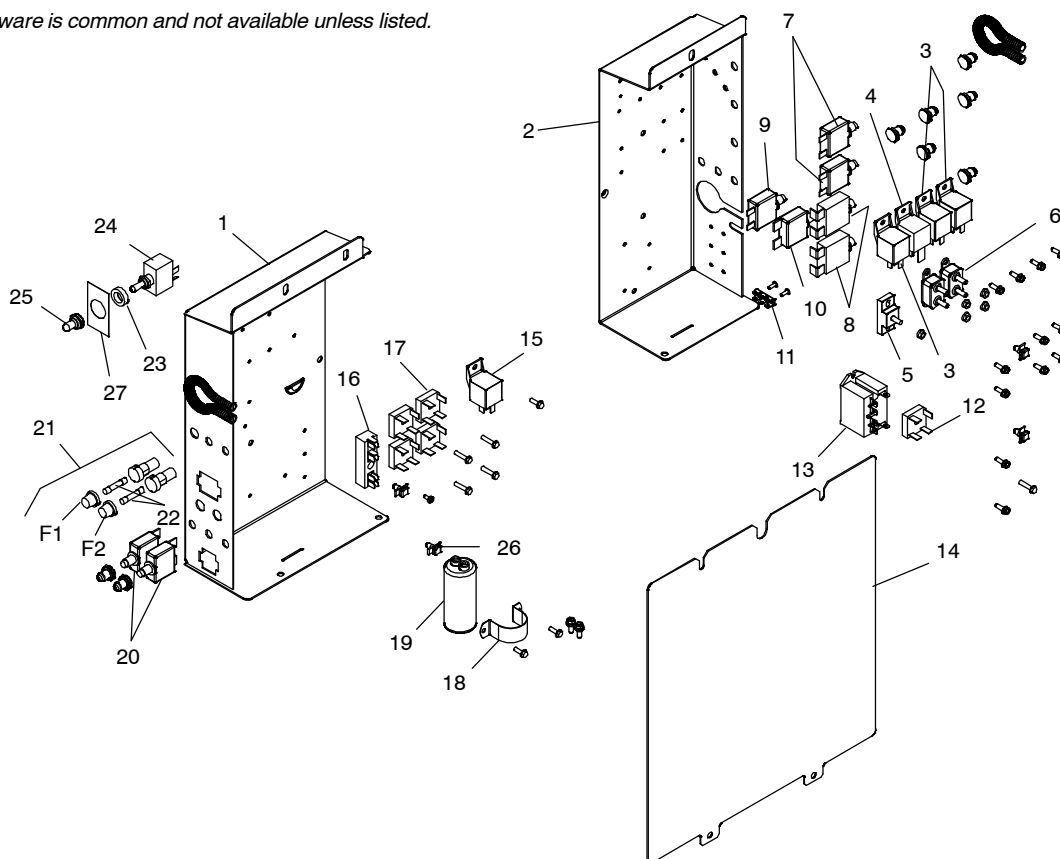
To maintain the factory original performance of your equipment, use only Manufacturer's Suggested Replacement Parts. Model and serial number required when ordering parts from your local distributor.

*Recommended Spare Parts.

+ When ordering a component originally displaying a precautionary label, the label should also be ordered.

♦OPTIONAL

 Hardware is common and not available unless listed.



272 388-B

Figure 1-2. Control Box Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
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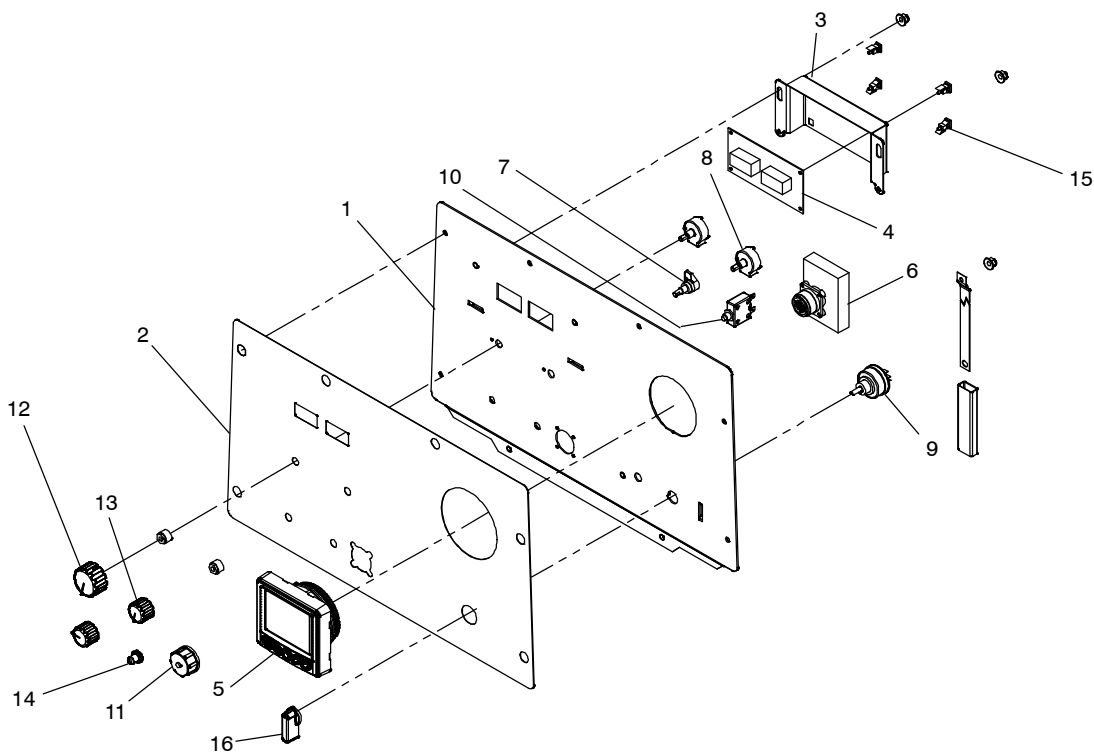
Figure 1-2. Control Box Assembly (Figure 1-1 Item 60)

...	1	258577	Control Box, Lh	1	
...	2	258576	Control Box, Rh	1	
...	3	CR1, CR2, CR3	258445	Relay, Encl 12VDC Spdt 50A/14VDC W/Diode 5pin	3
...	4	CR8	258446	Relay, Encl 12VDC Spst 70A/14VDC W/Diode 4pin	1
...	5	TE3	072253	Stud, Connection Single 10-32 X .500 X 1.250 Mtg	1
...	6	CB10, CB13	190374	Circuit Breaker, Auto Reset 12VDC 40 Amp	2
...	7	CB14, CB15	083431	Circuit Breaker, Man Reset 1p 5A 250VAC Frict	2
...	8	CB16, CB17	093996	Supplementary Pro, Man Reset 1p 20A 250VAC Frict	2
...	9	CB11	093997	Supplementary Protector, Man Reset 1p 30A 250VAC	1
...	10	CB2	139266	Supplementary Protector, Man Reset 1p 15A 250VAC	1
...	11		129524	Term, Frict 250x032 Uninsul Male .130 Stud Mtg 3pr	1
...	12	SR5	035704	Rectifier, Integ Bridge 40. Amp 800V	1
...	13	CR5	223710	Relay, Encl 12VDC Dpst-No 25A 6pin Flange	1
...	14		258582	Cover, Control Box	1
...	15	CR4	173069	Relay, Encl 12VDC Spdt 30A/20A 5pin Flange Mtg	1
...	16	TE2	190210	Block, Term 5-3-3	1
...	17	SR1-SR4	035704	Rectifier, Integ Bridge 40. Amp 800V	4
...	18		177136	Clamp, Capacitor 1.375 Dia	1
...	19	C6	087110	Capacitor, Elctlt 240 uF 200 VDC Can 1.39 Di	1
...	20	CB3, CB4	139266	Supplementary Protector, Man Reset 1p 15A 250VAC	2
...	21	F1, F2	256852	Holder, Fuse Mintr W/10A Slo-Blo Fuse	2
...	22		*085874	Fuse, Mintr Cer Slo-blo 10. Amp 250 Volt	2
...	23		202209	Spacer, Nylon .805 Od X .510 Id X .220 Lg	1
...	24	S5	028111	Switch, Tgl Dpst 20A 250V Spd Term	1
...	25		021385	Boot, Toggle Switch Lever	1
...	26		204737	Cable Tie Mount, Winged Push	4
...	27		258549	Label, Vrd On/Off	1

*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.

 Hardware is common and not available unless listed.



272 445

Figure 1-3. Panel, Front Engine & Weld Controls

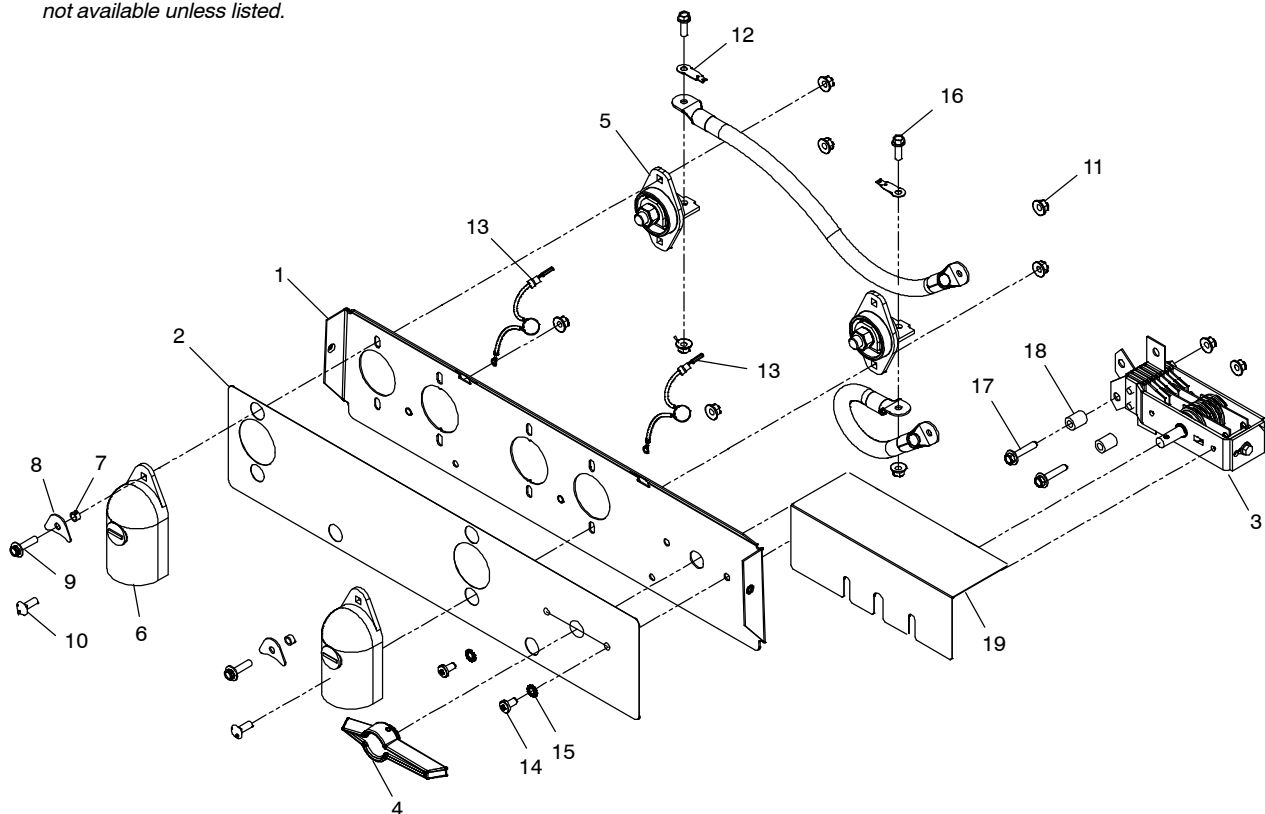
Item No.	Dia. Mkgs.	Part No.	Description	Quantity
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Figure 1-3. Panel, Front Engine & Weld Controls (Figure 1-1, Item 3)

...	1	256560	Panel, Front Engine/Weld Control	1
...	2		Label, Nameplate (Order by model and serial number)	1
...	3	248914	Enclosure, Circuit Card Assy	1
...	4	PC2 247416	Circuit Card Assy, Display W/Program	1
...	5	DISPLAY 273115	Display, Lcd Alphanumeric Engine (Kubota)	1
...	6	PC5 242263	Circuit Card Assy, Connector/Receptacle (R)	1
...	7	R1 246961	Switch, Rotary 8 Posn 1p 200ma 28VDC W/Resistors	1
...	8	R2, R5 193118	Pot, Cp Flat 1t 2. W 1k Ohm Linear	2
...	9	S1 217680	Switch, Ignition 4 Position W/Out Handle	1
...	10	CB9 083432	Supplementary Pro, Man Reset 1p 10A 250VAC Frict	1
...	11	170391	Conn, Circ Ms Protective Cap Size 20 Nylon	1
...	12	218764	Knob, Pointer 1.625 Dia	1
...	13	207080	Knob, Pointer 1.125 Dia	2
...	14	190323	Boot, Circuit Breaker Clear Hex Nut	1
...		072590	Lock, Shaft Pot .375-32 X .250 Dia Shaft Tall	2
...		242579	Screw, K40x 10 Pan Hd-Phl Stl Pld Pt Thread Forming	4
...	15	134201	Stand-Off Support, Pc Card .312/.375w/Post&Lock .43	4
...		152461	Nut, 250-20 .44hex .23h Stl Pld Sem Cone Wshr.65d	2
...	16	207073	Lever, Ignition Switch	1
...		201244	Washer, Tooth.728idx1.166odx.050t Stl Pld Int.688	1
...		270453	Label, Warning Read Owner's Manual Wordless	1

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.

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Ref. 259 996-B

Figure 1-4. Panel, Weld Output

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
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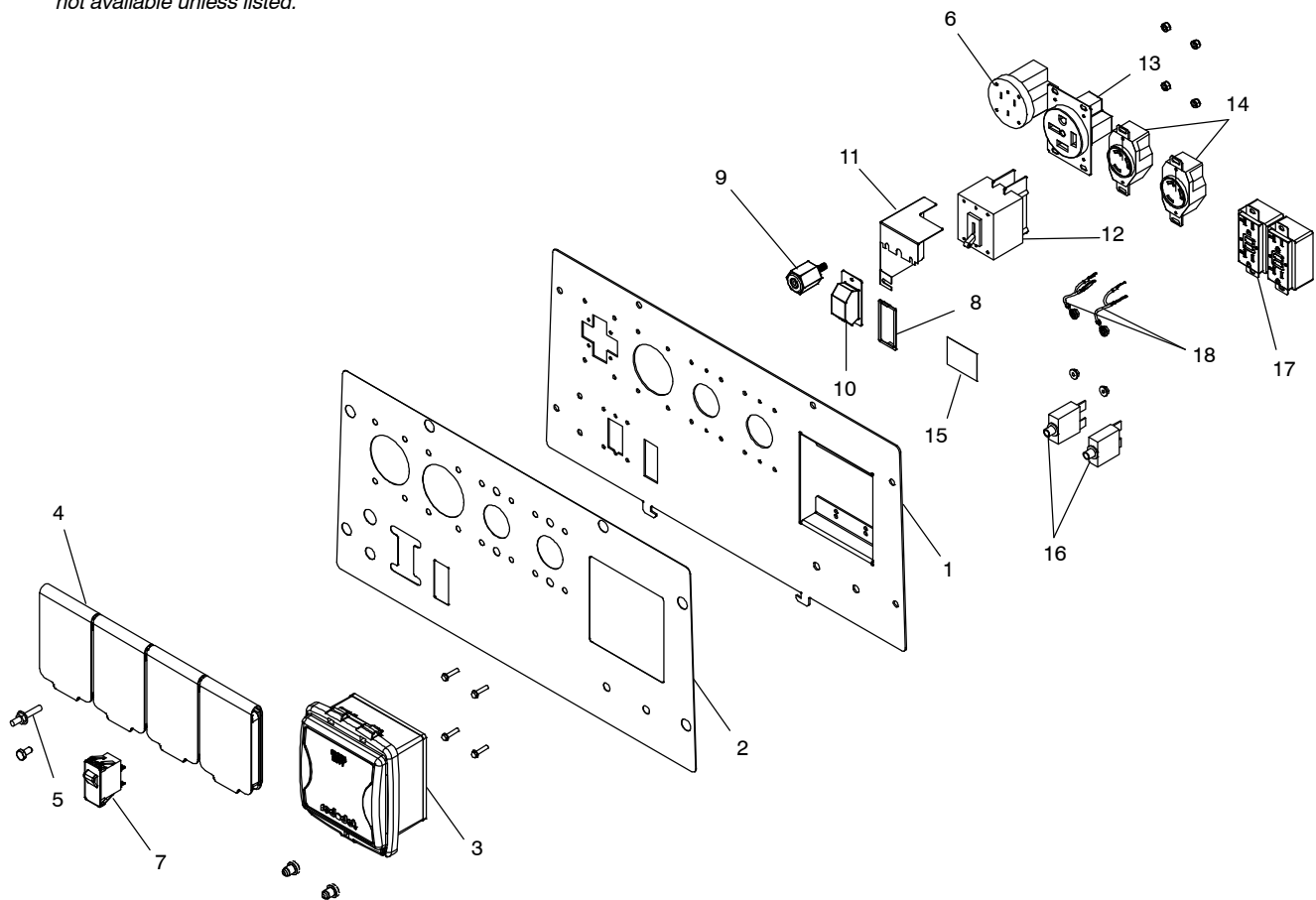
Figure 1-4. Panel, Weld Output (Figure 1-1, Item 1)

...	1	...	258685	..	Panel, Mtg Terminal Power Output		1
...	2	...	259993	..	Label, Output Panel W/Polarity BB600 Pro	.....	1
...	3	S12	◆260181	..	Switch, Polarity	.....	1
...	4	...	◆230338	..	Switch Handle W/Pin	.....	1
...	5	...	241432	..	Terminal, Pwr Output Red (2 Qty w/Polarity Switch)	.....	1
...	5	...	241433	..	Terminal, Pwr Output Black (0 Qty w/Polarity Switch)	.....	1
...	6	...	186621	..	Boot, Generic Output Stud	.....	2
...	7	...	181169	..	Spacer, Output Stud	.....	2
...	8	...	180735	..	Washer, Output Stud	.....	2
...	9	...	108941	..	Screw, 250-20x1.00 Hexwhd.61d Gr5 Pld	.....	2
...	10	...	005107	..	Bolt, Crg Stl .250-20 X .750 Gr5 Pld	.....	2
...	11	...	152461	..	Nut, 250-20 .44hex .23h Stl Pld Sem Cone Wshr.65d	.....	6
...	12	...	010381	..	Connector, Rectifier	.....	2
...	13	C4, C5	128750	..	Capacitor, Cer Disc .1 uF 500 VDC W/Terms	.....	2
...	14	...	◆189445	..	Screw, 250-20x .50 Pan Hd-Phl Stl Pld	.....	2
...	15	...	◆602208	..	Washer, Tooth.256idx0.510odx.028t Stl Pld Ext.250 A	.....	2
...	16	...	108940	..	Screw, 250-20x .75 Hexwhd.61d Gr5 Pld	.....	2
...	17	...	◆108942	..	Screw, 250-20x1.25 Hexwhd.61d Gr5 Pld	.....	2
...	18	...	◆049611	..	Tubing, Cop .540 Od X .123 Wall X .687	.....	2
...	19	...	◆269892	..	Guard, Polarity Switch	.....	1

◆OPTIONAL

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.

 Hardware is common and not available unless listed.



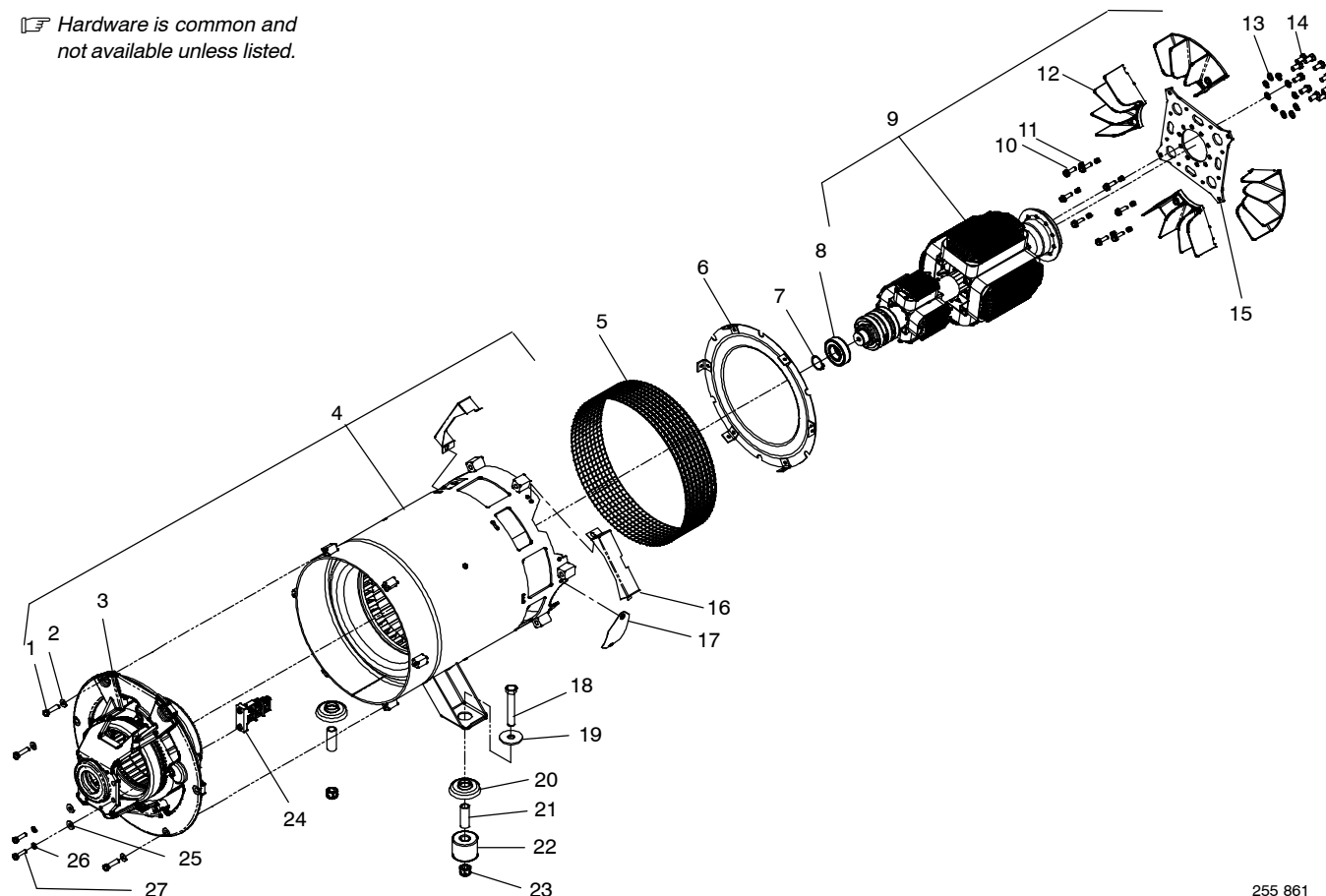
271 860

Figure 1-5. Panel, Auxiliary Power

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-5. Panel, Auxiliary Power (Figure 1-1, Item 2)				
...	1	271859	Panel, Aux Power	1
...	2	271858	Label, Aux Power W/In Use Cover (Bw)	1
...	3	263905	Cover, Receptacle Weatherproof Duplex Dual	1
...	4	209056	Cover, Receptacle W/Gasket	4
...	5	197203	Grounding Stud Assy, Brass	1
...	6	RC5	182954 Rcpt, Str 3p4w 50A 125/250V Flush Mtg *14-50	1
...	7	CB6	201083 Supplementary Protector, Man Reset 2p 20A 250VAC	1
...	8	201553	Clip, Retaining Circuit Breaker	1
...	9	207560	Insulator, Stand-Off With Stud	1
...	10	214927	Boot, Circuit Breaker 1 Pole	1
...	11	263778	Guard, Supplementary Protector	1
...	12	CB1	214926 Supplementary Protector, Man Reset 3p 50A 250VAC	1
...	13	RC4	254094 Rcpt, Str 3p4w 50A 250V Flush Mtg	1
...	14	RC1, RC2	147632 Rcpt, Tw Lk Grd 2p3w 30A 250V *L6-30r	2
...	15	190861	Label, Warning Electric Shock And Moving Parts Etc (Prior to MF500024E)	1
...	15	272330	Label, Warning Electric Shock/Moving Parts (Sym) (Eff w/MF500024E)	1
...	16	CB7, CB8	093996 Supplementary Pro, Man Reset 1p 20A 250VAC Frict	2
...	17	GFCI1, GFCI2	246614 Receptacle, GFCI 15/20A (Prior to MG510536R)	2
...	17	GFCI1, GFCI2	277874 Receptacle, GFCI 15/20A Filtered (Eff w/MG510536R)	2
...	18	C1, C2	217054 Capacitor, Cer Disc .0047 uF 3000 VDC W/Terms	2

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.

 Hardware is common and not available unless listed.



255 861

Figure 1-6. Generator

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
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Figure 1-6. Generator (Figure 1-1, Item 83)

...	1	132053	.. Screw, 375-16x1.50 Hex Hd-Pln Gr5 Pld Blk	6
...	2	183387	.. Washer, Cone .380idx .860odx.109t Stl Pld 4000lbs	6
...	3	270955	.. Endbell, W/Exciter Stator	1
...		257974	.. Kit, Endbell w/O-ring (Includes)	
...		203635	.. Endbell, Gen	1
...		143220	.. O-Ring, 2.859 Id X .139 Cs 70 Duro Viton	1
...		270956	.. Stator, Exciter/Aux Power	1
...		604538	.. Washer, Flat .344idx0.688odx.065t Stl Pld Ansi.312	4
...		172684	.. Nut, 312-18 .50hex .27h Stl Pld Sem Cone Wshr.76d	4
...		604537	.. Nut, 312-18 .50hex .28h Stl Pld	4
...		604538	.. Washer, Flat .344idx0.688odx.065t Stl Pld Ansi.312	4
...		261463	.. Screw, 312-18x4.50 Hex Hd-pln Stl Gr5 Pld Full	4
...	4	+272380	.. Stator, Weld/Power Assy Complete	1
...	5	190197	.. Guard, Generator Wire Mesh	1
...		172674	.. Spring, Ext .240 Od X .041 Wire X 3.500 Pld	2
...	6	039207	.. Baffle, Air Gen	1
...		172555	.. Screw, M10-1.5x 50 Hex Hd-Pln 8.8 Pld	6
...	7	024617	.. Ring, Rtnng Ext 1.375 Shaft X .050 Thk	1
...	8	053390	.. Bearing, Ball Rdl Sgl Row 1.370 X 2.830 X .6	1
...	9	251855	.. Rotor, Generator	1
...	10	080389	.. Screw, 312-18x1.00 Hexwhd.66d Stl Pld Slffmg Tap-Rw	8
...	11	083883	.. Washer, Lock .402idx0.709odx.087t Stl Pln Split10mm	8
...	12	206242	.. Fan, Rotor Segmented Assy Gen	4
...	13	083883	.. Washer, Lock .402idx0.709odx.087t Stl Pln Split10mm	10

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-6. Generator (Continued)				
... 14		049026	.. Screw, M10-1.5x 25 Hex Hd-Pln 8.8 Pln	10
... 15		210332	.. Plate, Flex Hubmount	1
			Mounting Hardware (Includes)	
... 16		191580	.. Guard, Starter Deutz	2
... 17		191579	.. Cover, Starter Hole	1
... 18		199849	.. Screw, 625-11x4.00 Hex Hd-pln Gr5 Pld	2
... 19		071731	.. Washer, Flat .656idx2.250odx.187t Stl Pld	2
... 20		071890	.. Retainer, Mount Eng/Gen	2
... 21		071730	.. Tubing, Stl .875 Od X12ga Wall X 2.500	2
... 22		083476	.. Mount, Eng/Gen Nprn .875id X 2.500od X 2.000 60 Dur	2
... 23		135205	.. Nut, 625-11 .94hex .77h Stl Pld Elastic Stop Nut	2
... 24		189142	.. Brushholder, Generator	1
		*190823	.. Brush, Contact Elect .250 X.500 X 1.250 Grd Ay	3
		208469	.. Clip, Spring	3
... 25		602242	.. Washer, Flat .375idx0.875odx.083t Stl Pld Blk	2
... 26		602211	.. Washer, Lock .318idx0.586odx.078t Stl Pld Split.312	2
... 27		604534	.. Screw, 312-18x1.25 Hex Hd-Pln Gr5 Pld	2

+ When ordering a component originally displaying a precautionary label, the label should also be ordered.

*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.

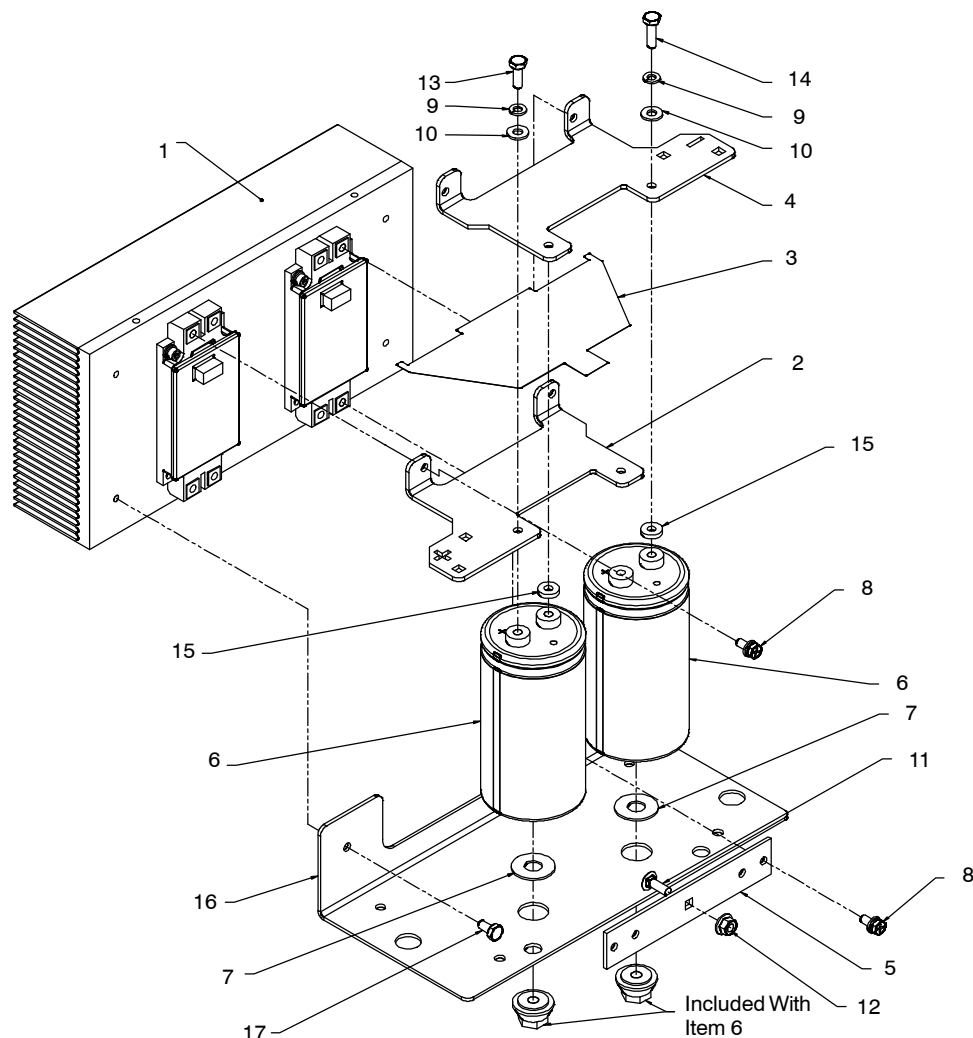


Figure 1-7. Weld Output Module

252 915-D

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
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Figure 1-7. Weld Output Module (Figure 1-1, Item 17)

...	1	247407	Heat Sink Assy, Igbt	1
...	2	250350	Bus Bar, Positive	1
...	3	250323	Insulator, Bus Bar	1
...	4	250348	Bus Bar, Negative	1
...	5	245378	Buss Bar, Ac	1
...	6	C3 246841	Capacitor, Elctlt 35000 uF 100 VDC Can 3.00 Dia	2
...	7	239547	Washer, Flat Nylon .516 Id X 1.250 Od X .062 Thk	2
...	8	202853	Screw, M 6-1.0x 14 Hex Hd-Pln Stl Pld Sems	8
...	9	602207	Washer, Lock .255idx0.489odx.062t Stl Pld Split.250	4
...	10	227186	Washer, Flat .254idx0.468odx.090t Stl Zc Cl	4
...	11	217283	Bolt, Crg Stl .250-20 X .750 Gr5 Pld	1
...	12	152461	Nut, 250-20 .44hex .23h Stl Pld Sem Cone Wshr.65d	1
...	13	223039	Screw, 250-28x .75 Hex Hd-Pln Stl Gr5 Pld Zinc Blk	2
...	14	223040	Screw, 250-28x .87 Hex Hd-Pln Stl Gr5 Pld Zinc Clr	2
...	15	247093	Stand-Off, Conductive Bus	2
...	16	250346	Bracket, Mtg Capacitors	1
...	17	602154	Screw, 250-20x .50 Hexwhd.50d Stl Pld Slffmg Tap-Rw	2

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.

Dia. Mkgs.	Part No.	Description	Quantity
Wiring Harnesses			
.....	258580 ..	Harness, Weld (Includes)	1
..... PLG6	193184 ..	Conn, Rect Cinch 30 Pin	1
..... PLG7,PLG11	193183 ..	Conn, Rect Cinch 18 Pin	2
..... PLG10,PLG20	113751 ..	Conn, Rect Mini 045 8skt 2row Plug Cable Lkg	2
..... PLG2,PLG9	214951 ..	Conn, Rect Univ 039 6p/S 3row Plug Cable Lkg Seal	2
..... RC3	155129 ..	Conn, Rect Univ 039 6p/S 3row Rcpt Cable/Panel Lkg	1
..... PLG8	231708 ..	Conn, Rect Univ 039 10p/S 2row Plug Cable Lkg Seal	1
..... PLG5	113750 ..	Conn, Rect Mini 045 4skt 2row Plug Cable Lkg	1
..... RC99	158466 ..	Conn, Rect Univ 084 12p/S 3row Rcpt Cable/Panel Lkg	1
..... RC98	135133 ..	Conn, Rect Univ 084 9p/S 3row Rcpt Cable/Panel Lkg	1
.....	259318 ..	Cable, Lem 50 In	1
.....	196602 ..	Plug, Cavity 18,30 Position Cinch Connector	17
.....	214933 ..	Seal, Wire Univ 039	34
.....	214934 ..	Seal, Plug Univ 039	13
.....	260014 ..	Harness, Wrg Brushholder (Includes)	1
..... PLG98	135134 ..	Conn, Rect Univ 084 9p/S 3row Plug Cable Lkg	1
.....	187651 ..	Seal, Wire Univ 9p/S 3row	1
.....	272666 ..	Harness, Engine Kubota (Includes)	1
.....	258990 ..	Resistor, Mf .5 W 121 Ohm 1% Tol	1
.....	210064 ..	Tubing, Htshnk Black .375/ .187 Dia X 3.000	1
.....	116963 ..	Term, Frict 250x032 Ultrfast Feml 12-10ga 320od	1
.....	072325 ..	Term, Frict 250x032 Ultrfast Feml 16-14ga 160od	1
.....	116963 ..	Term, Frict 250x032 Ultrfast Feml 12-10ga 320od	1
..... PLG12	215261 ..	Conn, Deutsch 12p 2row Female Plug	1
..... PLG4	238028 ..	Conn, Deutsch 6p 2row Female Plug	1
..... PLG409	177859 ..	Conn, Body 5 Terminal	1
..... PLG400	272626 ..	Conn, Amp 16pin 2row Plug	1
..... PLG402	272624 ..	Conn, Amp Sealed 2pin 1row Plug	1
..... PLG403,PLG407	192170 ..	Conn, Rect 250 2skt 2row Plug Cable Lkg	2
..... PLG404	272632 ..	Conn, 3pin 1row Plug	1
..... PLG405,PLG406, PLG410, PLG411	272629 ..	Conn, 2pin 1row Plug	4
.....	215265 ..	Conn, Deutsch Wedge Lock 12 Position	1
.....	238029 ..	Conn, Deutsch Wedge Lock 6 Position	1
.....	272628 ..	Seal, Plug Single Wire	2
.....	272631 ..	Seal, Plug Single Wire Blue	8
.....	240074 ..	Seal, Plug Single Wire (5mm Hole)	3
.....	240685 ..	Conn, Lever 5 Wire 12-28 Gauge 600V 20A	1

Notes

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