PM-275624B 2026-09

Processes

MIG (GMAW) Welding
Flux Cored (FCAW) Welding

Stick (SMAW) Welding

TIG (GTAW) Welding

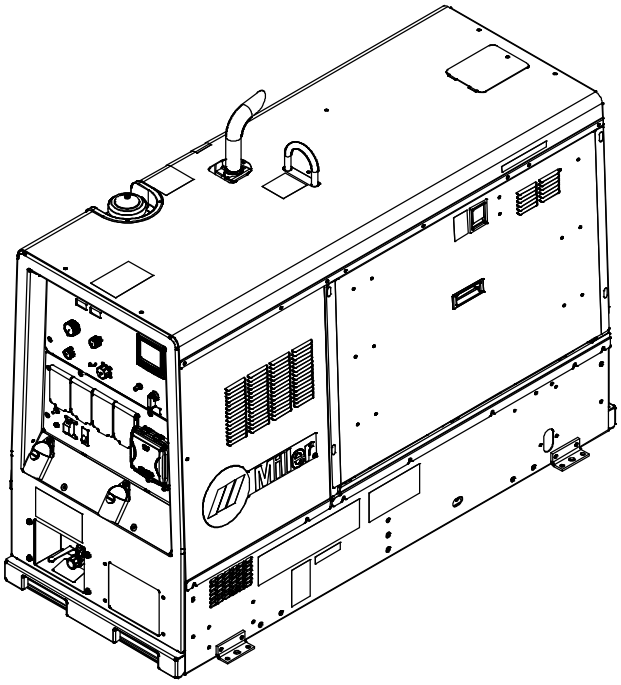
Air Carbon Arc (CAC-A) Cutting and Gouging

Description

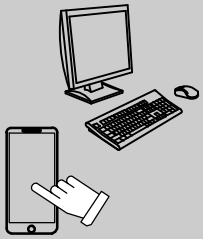
Engine Driven Welder/Generator And Air Compressor

Big Blue® 600 Air Pak®

Eff w/Serial No. MG161217R Thru MH320244R



PARTS MANUAL



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

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SECTION 1 – PARTS LIST
EFF W/SERIAL NO. MG161217R Thru MH320244R

☞ *Hardware is common and not available unless listed.*

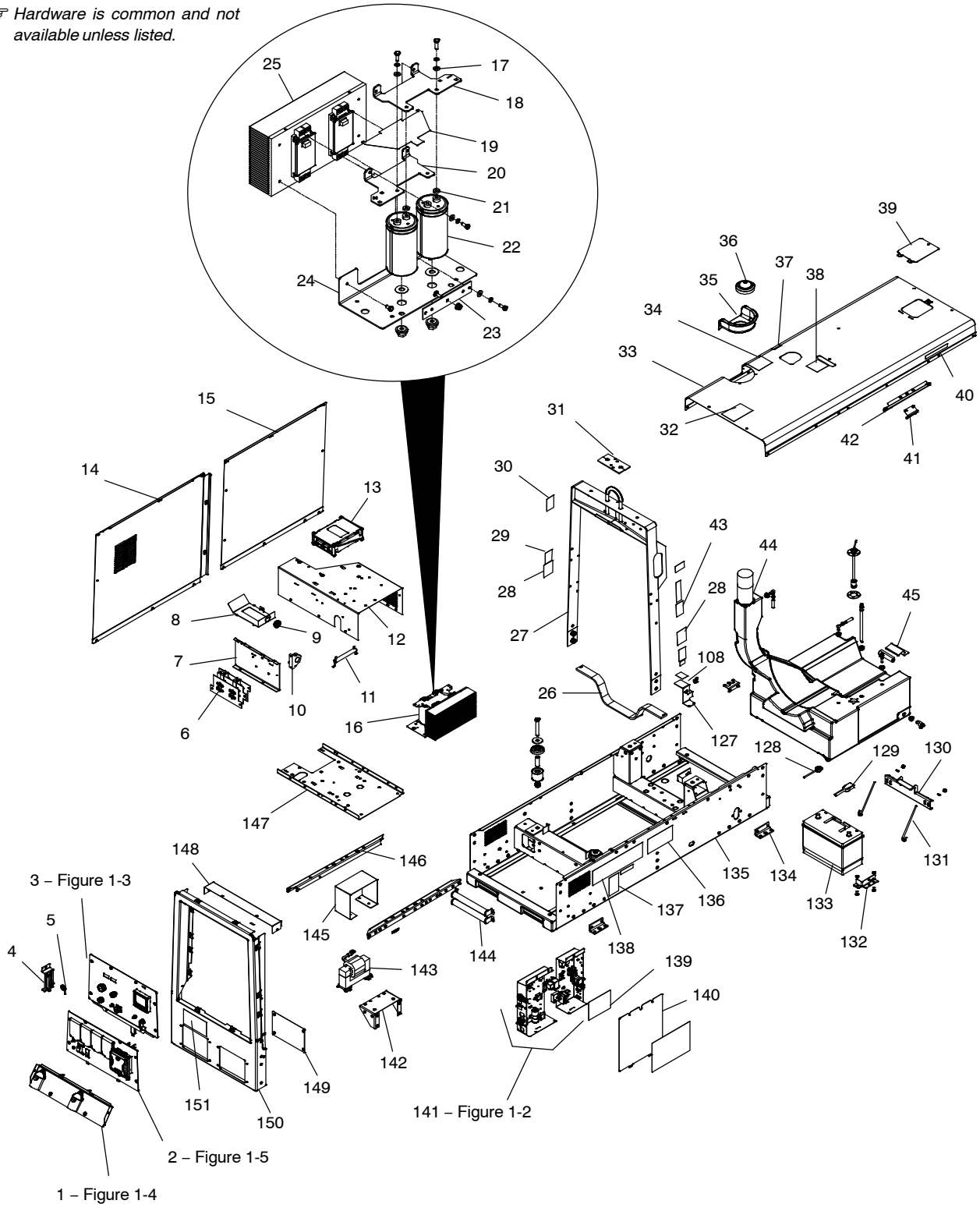
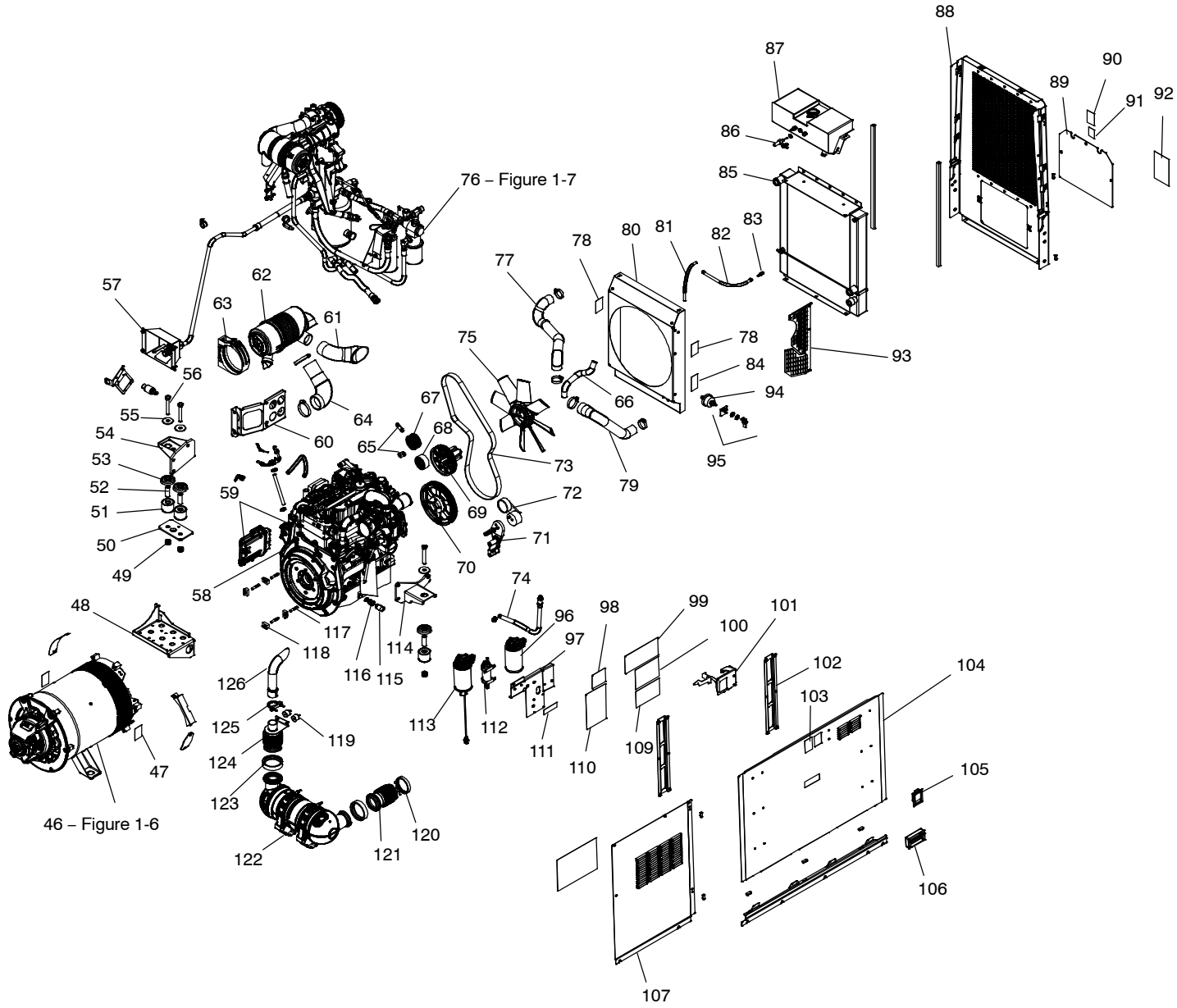


Figure 1-1. Main Assembly

Eff w/Serial No. MG161217R Thru MH320244R



907712 / Ref. 252915-C

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
4	TE1	255682	Block, Term Assy Standard W/Clamp	1
5	CT1	105370	Xfmr. Current	1
6	SR6	255758	Rectifier, Si 3ph 400 Amp 600 Piv	1
7		258909	Bracket, Mtg Rectifier	1
8		273098	Baffle, Air Rectifier/Diodes	1
9		245520	Bushing, Snap-In Nyl 1.062 Id X 1.500 Mtg Hole Cent	1
10	HD1	168829	Transducer, Current 1000A Module Max Open Loop	1
11	R10	188067	Resistor, Ww Fxd 100 W 200 Ohm W/Clips	1
12		258908	Windtunnel, Rect/Cap	1
13	PC1	275650	Module, Main Control/IGBT Gating	1
14		259407	Panel, Generator Lh	1
15		259533	Panel, Engine Extension Lh	1
16		252915	Module, Weld Output (Includes)	1
17		239547	Washer, Flat Nylon .516 Id X 1.250 Od X .062 Thk	2
18		250348	Bus Bar, Negative	1
19		250323	Insulator, Rectifier	1
20		250350	Bus Bar, Positive	1
21		247093	Stand-off, Conductive Bus	2
22	C3	246841	Capacitor, Elctlt 35000 uF 100 VDC Can 3.00 Dia	2
23		245378	Buss Bar, AC	1
24		250346	Bracket, Mtg Capacitors	1
25		247407	Heat Sink Assy, IGBT	1
26		218086	Bracket, Holddown Fuel Tank	1
27		+255669	Upright, Center Assy	1
28		272331	Label, Notice Do Not Spray Water (En/Fr−Sym)	2
29		272334	Label, Warning Moving Parts (En/Fr−Sym)	1
30		272333	Label, Warning Hot Parts (En/Fr−Sym)	1
31		189464	Seal, Weather Lift Eye	1
32		272340	Label, Danger Using A Generator Indoor (En/Fr/Sp−Sym)	1
33		+259206	Cover, Top	1
34		272338	Label, Use Diesel Fuel Only (En/Fr−Sym) (Prior to MH060318R)	1
34		227728	Label, Warning Use Diesel Fuel Only (Tri−lingual) (Eff w/MH060318R)	1
35		189052	Grommet, Plastic Neck Filler Fuel	1
36		254678	Cap, Tank Screw-on 3.500 In W/Vent W/Lanyard 8in	1
37		272333	Label, Warning Hot Parts (En/Fr−Sym)	1
38		272339	Label, Warning Falling Equipment (En/Fr−Sym)	1
39		201851	Cover, Radiator Access	1
40		272332	Label, Notice Do Not Use Ether (En/Fr−Sym) (Prior to MH060318R)	1
40		227731	Label, Notice Do Not Use Ether (Tri−lingual) (Eff w/MH060318R)	1
41		190992	Keeper, Latch Engine Access Door	1
42		206604	Channel, Stiffener Engine Access	1
43		272333	Label, Warning Hot Parts (En/Fr−Sym)	1
44		268932	Tank, Fuel (Consisting Of)	1
		124253	Bushing, Tank Fuel	3
		189912	Fitting, Stl Barbed Elbow W/.047 In Orf Zinc Pld	1
		189913	Fitting, Stl Barbed Elbow Zinc Pld	1
		181572	Bushing, Tank Fuel	2
		268931	Ftg, Stand Pipe Hose .500 X 9.538 Lg Str Zinc	1
		084173	Clamp, Hose .460 - .545 Clp Dia Slfttng	1
		264196	Sender, Fuel Gauge Reed Switch 9in	1
		189910	Fitting, Stand Pipe Hose .3125 X 9.260 Lg 90deg Zinc	1
		181572	Bushing, Tank Fuel	1
		189908	Valve, Drain Fuel 180deg	1
45		196220	Bracket, Holddown Fuel Tank Rear	1
46		Figure 1-6	Generator	1
47		272334	Label, Warning Moving Parts (En/Fr−Sym)	2
48		258901	Bracket, Mtg DOC	1

Item No.	Dia. Mkgs.	Part No.	Description	Quantity

Figure 1-1. Main Assembly (Continued)

49		135205	Nut, 625-11 .94hex .76h Stl Pld Elastic Stop Nut	3
50		259690	Plate W/Spacer, Support Engine	1
51		083476	Mount, Eng/Gen Nprn .875 Id X 2.500 Od X 2.000	3
52		071730	Tubing, Stl .875 Od X 12ga Wall X 2.500	3
53		071890	Retainer, Mount Eng/Gen	3
54		259687	Bracket, Mtg Engine Lh Hd	1
55		071731	Washer, Flat .656 Id X 2.250 Od X .187t Stl Pld	3
56		199849	Screw, 625-11 X 4.00hexhd Pln Gr 5 Pld	2
57		206606	Box, Valve Ball	1
58		265233	Adapter, Engine Deutz 2.9l	1
59		256692	Engine, Deutz Dsl Elec 8556 Td 2.9l 4	1
		*067265	Oil Filter	1
		066298	Washer, Seal Oil Cu .722 Id X .937 Od X .056 T	1
		259883	Heater, Block Engine 120v 530w	1
60		254730	Bracket, Mtg Air Cleaner	1
61		259354	Hose, Air Pickup	1
62		255768	Air Cleaner, Intake (Engine)	1
		*192938	Filter, Air Element Primary	1
		♦192939	Filter, Air Element Safety	1
63		189763	Bracket, Mtg Air Cleaner	1
64		254977	Hose, Air Cleaner	1
65		255770	Bracket, Mtg Alternator To Compressor Bkt	2
66		260285	Hose, Rbr .875 Id (Water Pump To Expansion Tank)	1
67		253942	Pulley, Alternator	1
68		253963	Pulley, Idler 76mm Od 17mm Id 33mm W	1
69		253940	Pulley, Water Pump	1
70		253941	Pulley, Crankshaft	1
71		258014	Bracket, Mtg Tensioner	1
72		253958	Tensioner, Auto Belt	1
73		*253944	Belt, Micro-v 8 Rib	1
74		199505	Hose Assy, Oil Drain 32.000 Lg	1
75		207203	Fan, Engine Cooling 18.000 8 Blade Suction	1
76	Figure 1-7		Compressor Assembly	1
77		255666	Hose, Radiator Upper Deutz (2013 2.9 Liter)	1
78		272334	Label, Warning Moving Parts (En/Fr−Sym)	2
79		255667	Hose, Radiator Lower Deutz (2013 2.9 Liter)	1
80		+259649	Shroud, Fan (US)	1
81		260078	Coolant Line Assy, W/Clamps 10 In/.250 Id	1
82		260079	Coolant Line Assy, W/Clamps 13.75 In/.250 Id	1
83		602958	Ftg, Hose Brs Barbed M 1/4 Tbg X 1/4 Npt	1
84		272498	Label, Notice Compressor Oil Fill (En/Fr−Sym)	1
85		259648	Radiator/Oil Cooler 3 Row Core 1.500 In/Outlet (US)	1
86		261866	Sensor, Coolant Level Monitor	1
87		255549	Tank, Radiator Expansion	1
		243038	Washer, Seal Oil Cu .560 Id X .840 Od X .042 T	1
		173818	Ftg, Hose Brs Barbed Elbow M 1/4 Tbg X 1/4 Npt	1
		260226	Extrusion, Rubber W/Adhesive .750 X .750 X 27.000	2
88		+254275	Upright, Rear Radiator	1
89		201183	Cover, Battery Access	1
90		272334	Label, Warning Moving Parts (En/Fr−Sym)	1
91		272335	Label, Notice Do Not Disconnect Battery (En/Fr−Sym)	1
92		272341	Label, Warning Battery Explosion (En/Fr−Sym)	1
93		255756	Guard, Fan Rh	1
94		209611	Switch, Disc Battery 2p 6-36 Volts	1
95		209612	Lever, Switch Lockout Disconnect Switch	1
96		*255765	Filter, Fuel Secondary (D2013 2.9l)	1
97		+259335	Bracket, Mtg Fuel Filters/Pump	1
98		217698	Label, Help Codes	1

Item No.	Dia. Mkgs.	Part No.	Description	Quantity

Figure 1-1. Main Assembly (Continued)

. . . 99		260007	Label, Maintenance Deutz D2.9l4/Td2.9l4	1
. . 100		209059	Schematic, Air System (Big Blue Air Pak)	1
. . 101		+209092	Bracket, Mtg Safety Latch	1
. . 102		209090	Bracket, Stiffener Panel	2
. . 103		272334	Label, Warning Moving Parts (En/Fr−Sym)	1
. . 104		+259532	Panel, Engine Access Lift Off	1
. . 105		209667	Latch, Paddle W/Lock	1
. . 106		210681	Handle, Pocket Pull Door Access	1
. . 107		275615	Panel, Generator Rh	1
. . 108		272335	Label, Notice Do Not Disconnect Battery (En/Fr−Sym)	1
. . 109		260658	Label, Maintenance Air Compressor	1
. . 110		257145	Label, Suggested Arc Control Settings	1
. . 111		272555	Label, Notice Drain Water From Fuel Filter (En/Fr)	1
. . 112		255767	Pump, Fuel (D2013 2.9l)	1
. . 113		*255764	Filter, Fuel Pre (D2013 2.9l)	1
. . 114		253934	Bracket Assy, Mtg Engine Rh	1
. . 115		176528	Fitting, Hose Brs Barbed Elbow Fem 1/2 Tbg X 1/2 Npt	1
. . 116		173336	Fitting, Adapter Oil Drain	1
. . 117		259997	Stud, Stl M10-1.5 X 52mm Gr8.8	4
. . 118		259855	Block, Mtg Rotor	4
. . 119		256251	Mount, Vibration	2
. . 120			Clamp, V Band (Order from engine manufacturer)	1
. . 121		254724	Pipe, Exhaust Bellows Flex	1
. . 122			DOC (Order from engine manufacturer)	1
. . 123			Clamp, V Band (2 Sets) (Order from engine manufacturer)	2
. . 124		261816	Reducer, Exhaust Flex 3 In Marmon To 1-7/8 St	1
. . 125		010875	Clamp, Muffler 2.000 Dia U Pld	1
. . 126		105734	Pipe, Muffler Extension Elbow 1.750 Od	1
. . 127		260961	Bracket, Mtg Switch	1
. . 128		190206	Cable, Bat Neg 42.000 No 1 Awg W/Clamp & .400 Rng	1
. . 129		264019	Cable, Bat Pos 24” No 1 Awg/8ga Aux W/Clamp & .400	1
. . 130		266385	Bracket, Battery Holddown	1
. . 131		201006	Bolt, J Stl .312−18 X 8.500 Pld	2
		208041	Spacer, Stl .323 Id X .625 Od X .141 Thk	2
. . 132		264924	Bracket, Battery Locator	1
. . 133			Battery, Stor 12V 925 Crk 195 Rsv Gp 31 Maint Free	1
. . 134		191897	Bracket, Mtg Unit	4
. . 135		+269943	Base	1
. . 136		272342	Label, Warning Do Not Weld On Base (En/Fr−Sym)	2
. . 137			Label, Rating Card (Order By Model & Serial No.)	1
. . 138		272343	Label, Warning General Precautionary (En/Fr−Sym)	2
. . 139		260105	Label, Component Layout Control Box	1
. . 140		258582	Cover, Control Box	1
. . 141		Figure 1-2	Control Box Assembly	1
. . 142		248940	Bracket,Mtg Stabilizer	1
. . 143	Z1	249772	Stabilizer	1
. . 144	R3, R8	189699	Resistor,Ww Tap 375 W 10 Ohm W/Mtg Bkt	1
. . 145		275610	Shroud, Cover Stabilizer	1
. . 146		206352	Brace, Front To Center Upright	2
. . 147		256487	Pan, Vault & Capacitors	1
. . 148		191448	Cover, Top Front Upright	1
. . 149		207096	Cover, Box Front Upright	1
. . 150		+254117	Upright, Front	1
. . 151		272337	Label, Warning Safety Air System (En/Fr−Sym)	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.

♦OPTIONAL

*Recommended Spare Parts.

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

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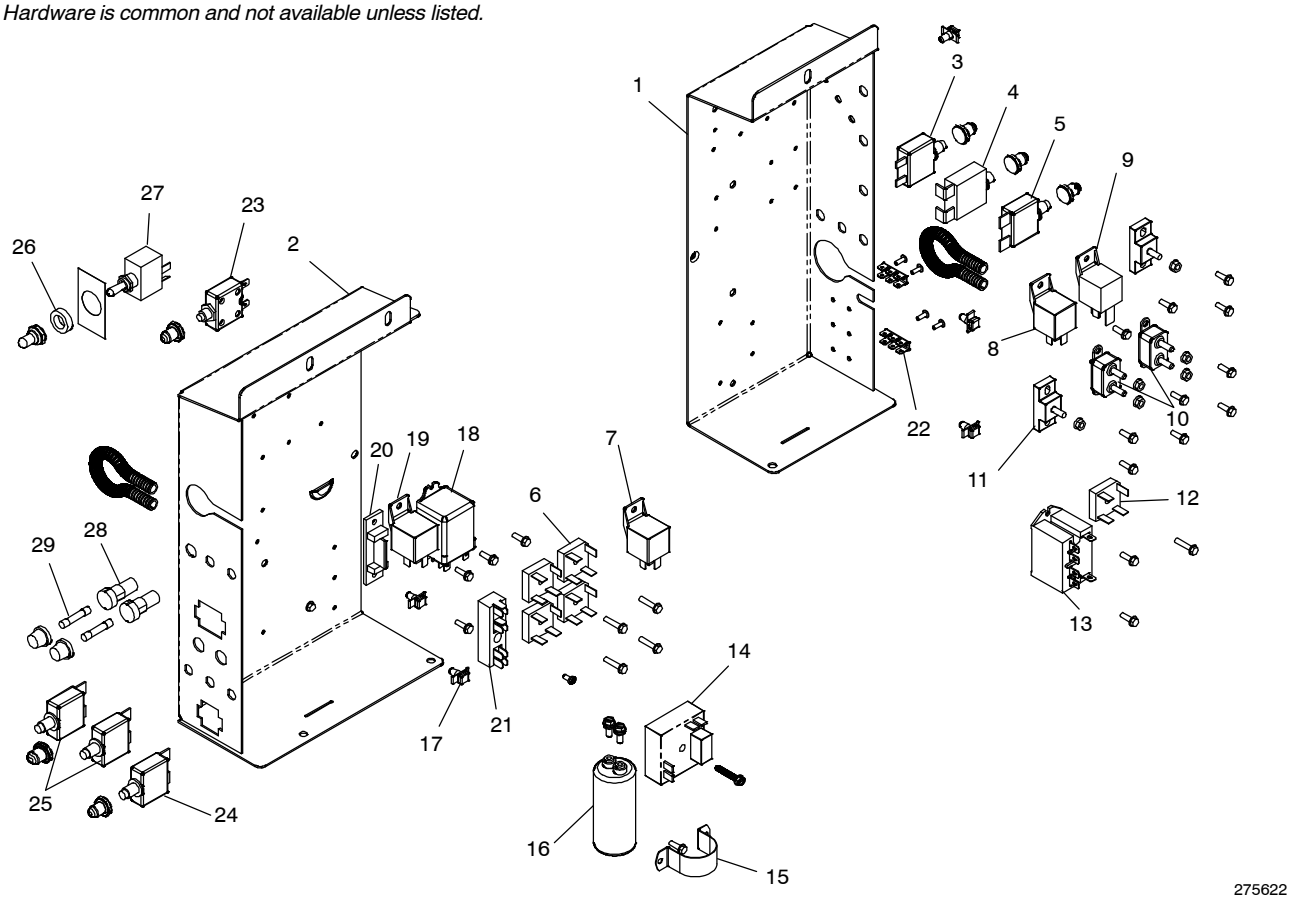

Figure 1-2. Control Box Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Quantity

Figure 1-2. Control Box Assembly (Figure 1-1 Item 141)

1		258576	Control Box, Rh	1
2		258577	Control Box, Lh	1
3	CB11	093997	Supplementary Protector, Man Reset 1p 30A 250VAC	1
4	CB12	093996	Supplementary Pro, Man Reset 1p 20A 250VAC Frict	1
5	CB2	139266	Supplementary Protector, Man Reset 1p 15A 250VAC	1
6	SR1–SR4	035704	Rectifier, Integ Bridge 40. Amp 800V	4
7	CR4	173069	Relay, Encl 12VDC Spdt 30A/20A 5pin Flange Mtg	1
8	CR3	258445	Relay, Encl 12VDC Spdt 50A/14VDC W/Diode 5pin	1
9	CR8	258446	Relay, Encl 12VDC Spst 70A/14VDC W/Diode 4pin	1
10	CB10, CB13	190374	Circuit Breaker, Auto Reset 12VDC 40 Amp	2
11	TE3, TE4	072253	Stud, Connection Single 10–32 X .500 X 1.250 Mtg	2
12	SR5	035704	Rectifier, Integ Bridge 40. Amp 800V	1
13	CR5	223710	Relay, Encl 12VDC Dpst–No 25A 6pin Flange	1
14	CR15	♦268474	Relay, Delay Fix 12VDC Spst (N.O.) 10A 30sec	1
15		177136	Clamp, Capacitor 1.375 Dia	1
16	C6	087110	Capacitor, Elctlt 240 uF 200 VDC Can 1.39 Di	1
17		204737	Cable Tie Mount, Winged Push	5
18	CR10	113247	Relay, Encl 12VDC Dpdt 20A/120VAC 8pin Flange Mtg	1
19	CR14	♦090104	Relay, Encl 12VDC Spst 30A/15VDC 5pin Flange Mtg	1
20	C10/D10	189701	Diode/Capacitor Board	1
21	TE2	190210	Block, Term 5–3–3	1
22		129524	Term, Frict 250x032 Uninsul Male .130 Stud Mtg 3pr	2
23	CB15	083432	Supplementary Pro, Man Reset 1p 10A 250VAC Frict	1
24	CB14	♦139266	Supplementary Protector, Man Reset 1p 15A 250VAC	1
25	CB3–CB4	139266	Supplementary Protector, Man Reset 1p 15A 250VAC	2
26		202209	Spacer, Nylon .805 Od X .510 Id X .220 Lg	1
27	S5	028111	Switch, Tgl Dpst 20A 250V Spd Term	1
		021385	Boot, Toggle Switch Lever	1
28	F1–F2	256852	Holder, Fuse Mintr W/10A Slo–Blo Fuse	2
29		*085874	Fuse, Mintr Cer Slo-blo 10. Amp 250 Volt	2

*Recommended Spare Parts.

♦OPTIONAL

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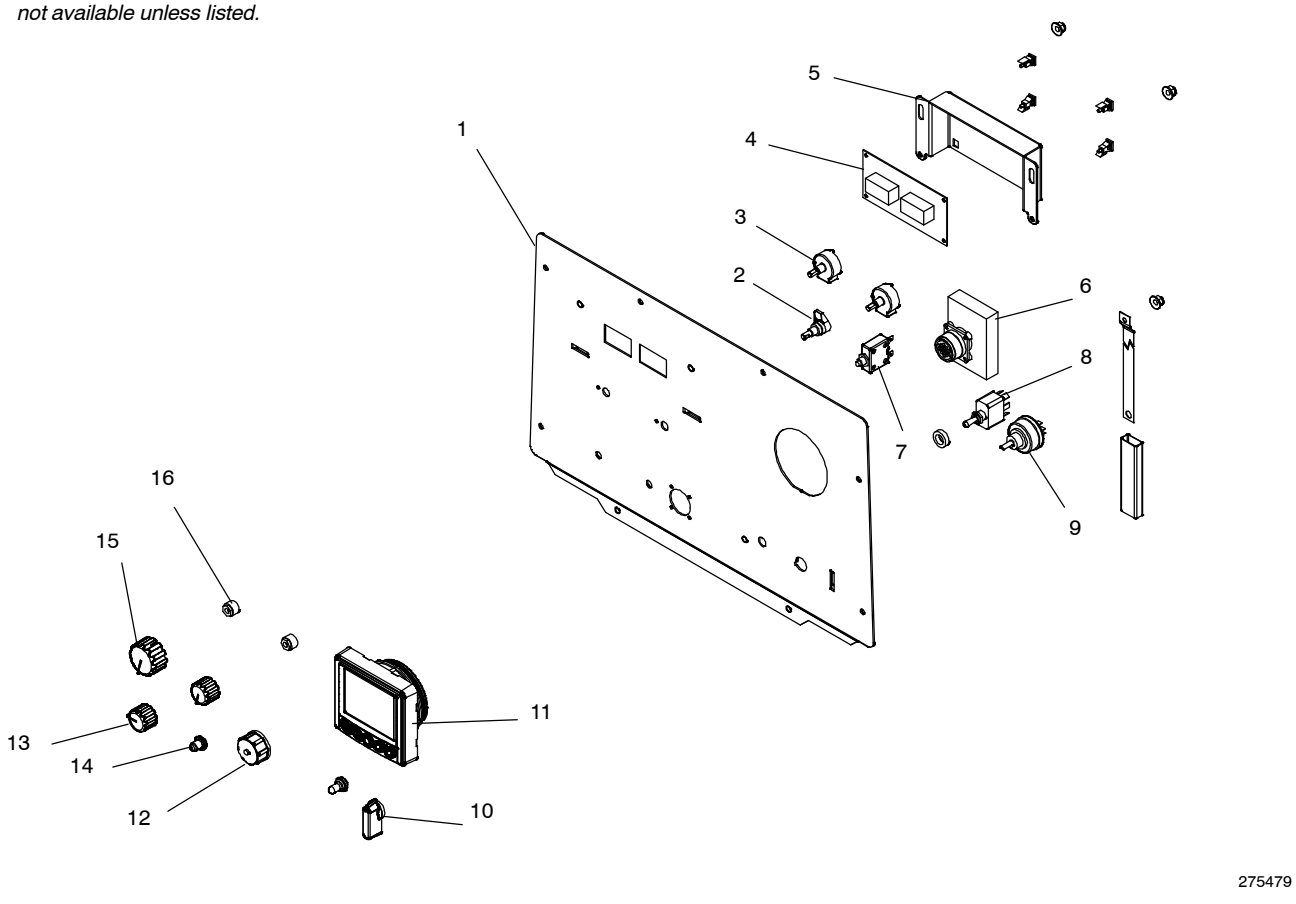

Figure 1-3. Panel, Front Engine & Weld Controls

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Figure 1-3. Panel, Front Engine & Weld Controls (Figure 1-1, Item 3)	
			Label, Nameplate (Order by model and serial number)	1
1		256560	Panel, Front Engine/Weld Control	1
2	R1	246961	Switch, Rotary 8 Posn 1p 200mA 28VDC W/Resistors	1
3	R2,R5	193118	Pot, Cp Flat 1t 2. W 1k Ohm Linear	2
4	PC2	247416	Circuit Card Assy, Display W/Program	1
5		248914	Enclosure, Circuit Card Assy	1
6	PC5	242263	Circuit Card Assy, Connector/Receptacle (R)	1
7	CB9	083432	Supplementary Pro, Man Reset 1p 10A 250VAC Frict	1
		201244	Washer, Tooth.728idx1.166odx.050t Stl Pld Int.688	1
8	S10	206624	Switch, Tgl Sptt 6A 125VAC (On)–On–(On)Spd Term	1
9	S1	217680	Switch, Ignition 4 Position W/Out Handle	1
10		207073	Lever, Ignition Switch	1
11	DISPLAY	256689	Display, Lcd Alphanumeric Engine	1
12		170391	Conn, Circ Ms Protective Cap Size 20 Nylon	1
13		207080	Knob, Pointer 1.125 Dia	2
14		190323	Boot, Circuit Breaker Clear Hex Nut	1
15		218764	Knob, Pointer 1.625 Dia	1
16		072590	Lock, Shaft Pot .375–32 X .250 Dia Shaft Tall	2
		270453	Label, Warning Read Owner's Manual Wordless	1
		242579	Screw, K40x 10 Pan Hd–Phl Stl Pld Pt Thread Forming	4
		134201	Stand–Off Support, Pc Card .312/.375w/Post&Lock .43	4
		152461	Nut, 250–20 .44hex .23h Stl Pld Sem Cone Wshr.65d	3

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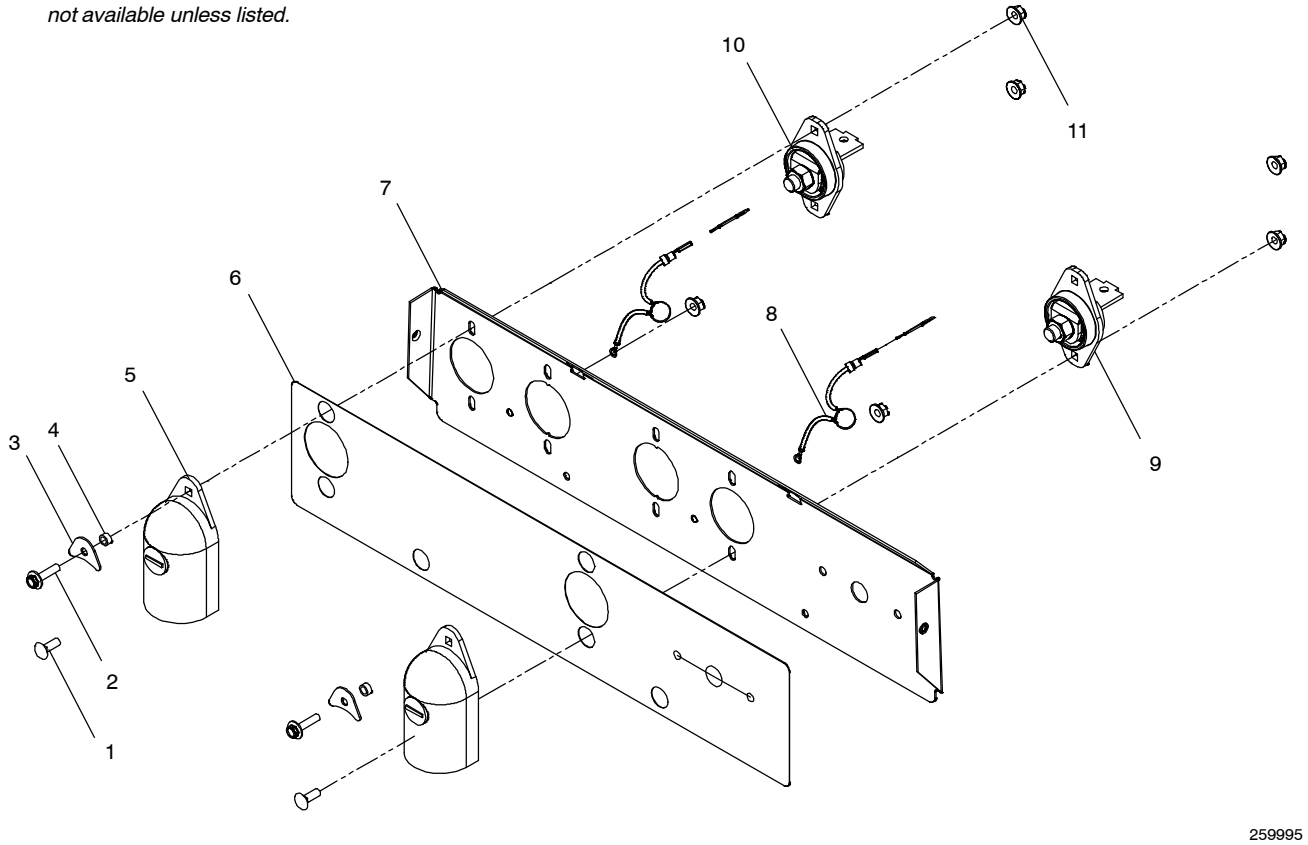

Figure 1-4. Panel, Weld Output

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Figure 1-4. Panel, Weld Output (Figure 1-1, Item 1)	
1		005107	Bolt, Crg Stl .250–20 X .750 Gr5 Pld	2
2		108941	Screw, 250–20x1.00 Hexwhd.61d Gr5 Pld	2
3		180735	Washer, Output Stud	2
4		181169	Spacer, Output Stud	2
5		186621	Boot, Generic Output Stud	2
6		259993	Label, Output Panel W/Polarity	1
7		258685	Panel, Mtg Terminal Power Output	1
8	C4, 5	128750	Capacitor, Cer Disc .1 uF 500 VDC W/Terms	2
9		290798	Terminal, Pwr Output Black	1
10		298788	Terminal, Pwr Output Red	1
		108941	Screw, 250–20x1.00 Hexwhd.61d Gr5 Pld	2
11		152461	Nut, 250–20 .44hex .23h Stl Pld Sem Cone Wshr.65d	6
		010381	Connector, Rectifier	1

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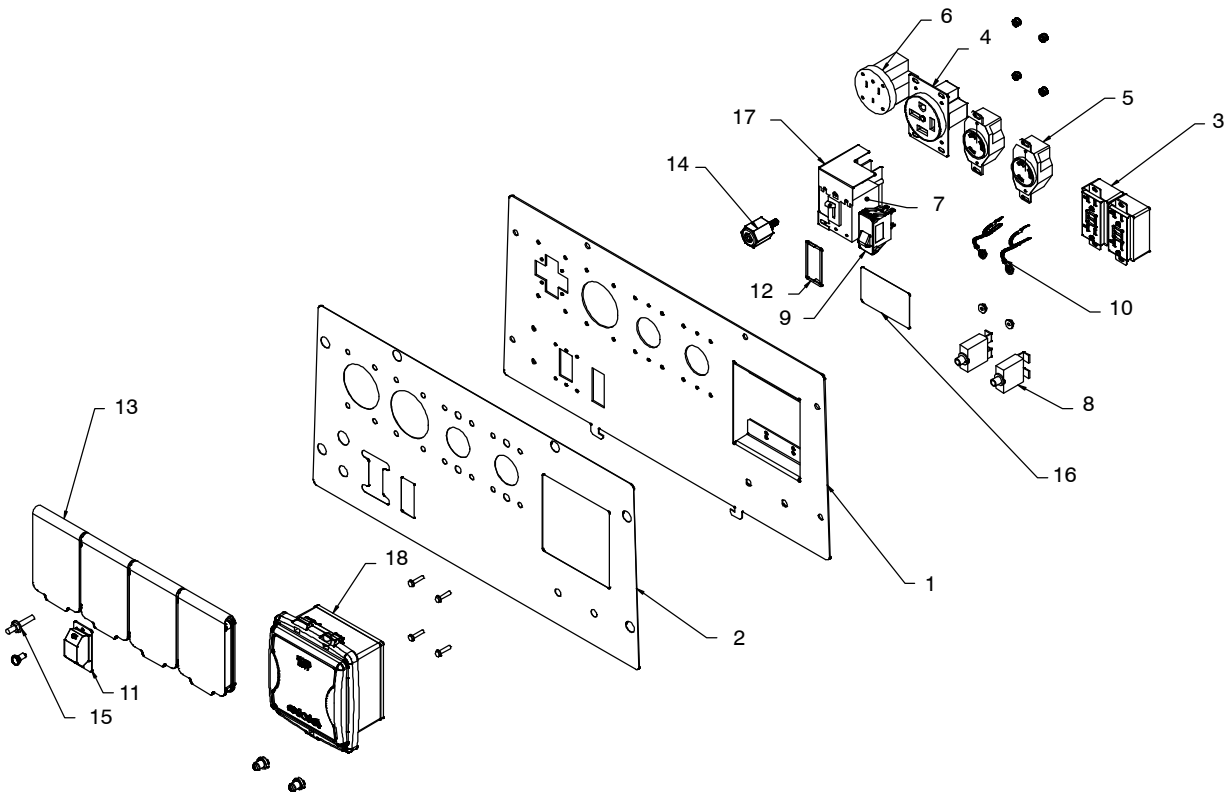

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Figure 1-5. Panel, Auxiliary Power North America

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

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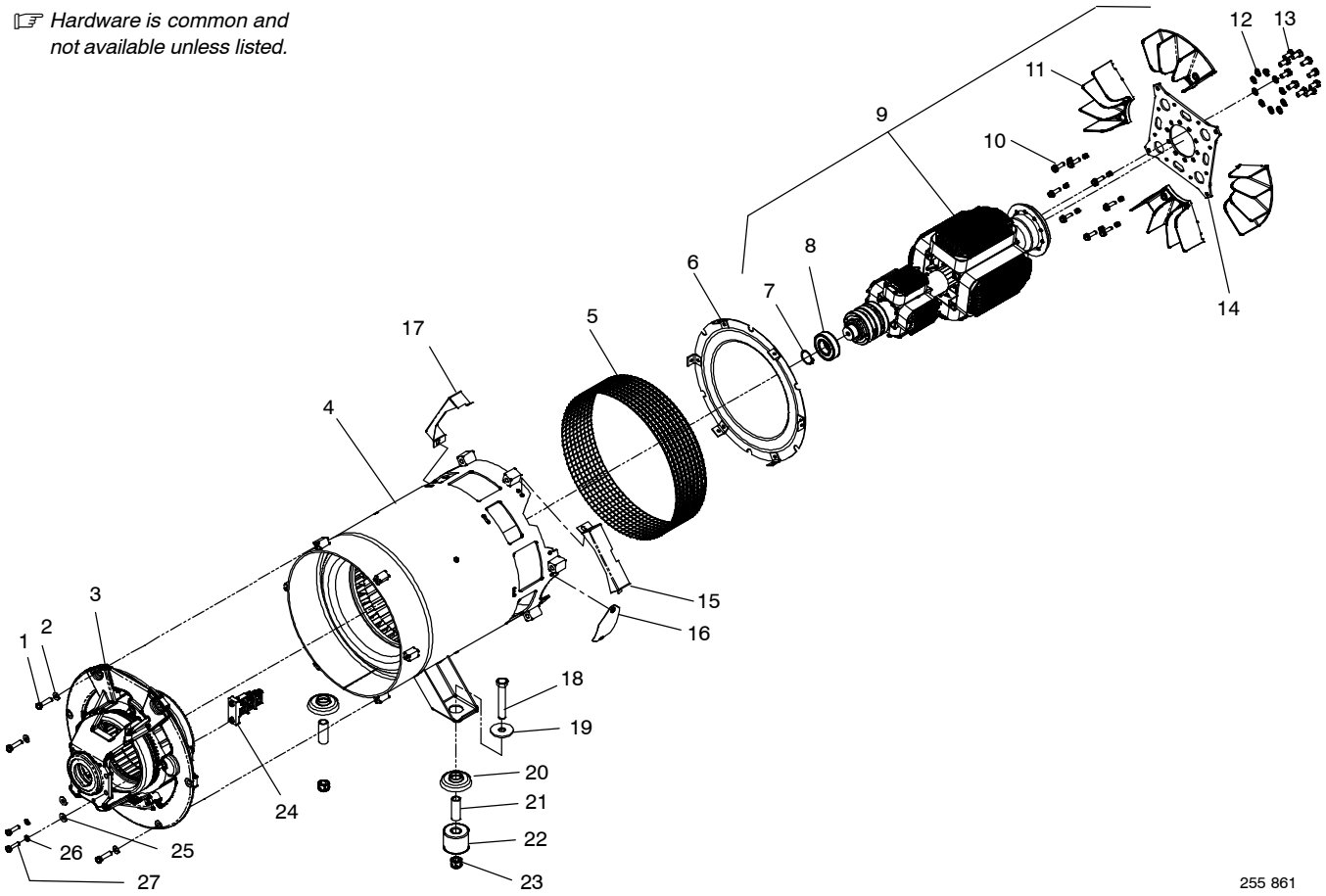

Figure 1-6. Generator

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Figure 1-6. Generator (Figure 1-1, Item 46)	
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		+260669	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
		602159	Screw, 312–18x .75 Hexwhd.66d Stl Pld Slffmg Tap–Rw	6
7		024617	Ring, Rtng 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		206242	Fan, Rotor Segmented Assy Gen	4
12		083883	Washer, Lock .402idx0.709odx.087t Stl Pln Split10mm	10
13		049026	Screw, M10–1.5x 25 Hex Hd–Pln 8.8 Pln	10
14		210332	Plate, Flex Hubmount	1
15		191577	Guard, Starter Deutz	2

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Figure 1-6. Generator (Continued)	
16		191579	Cover, Starter Hole	1
17		191580	Cover, Starter Hole Deutz	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.

☞ *Hardware is common and not available unless listed.*

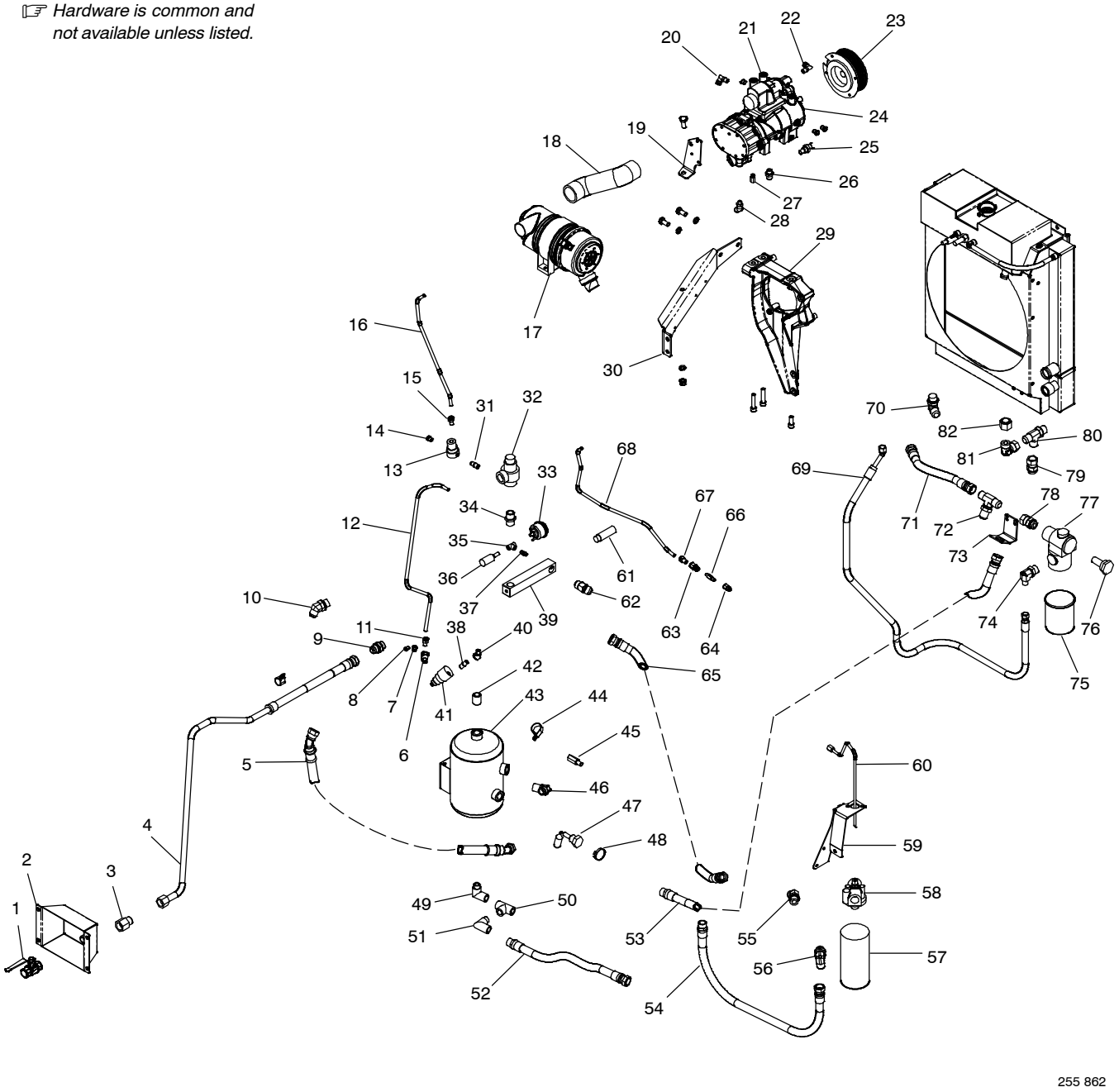

Figure 1-7. Air Compressor

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Figure 1-7. Air Compressor (Figure 1-1 Item 76)	
1		233721	Valve, Ball	1
2		206606	Box, Valve Ball	1
3		210523	Ftg, Flrd Stl Tube End/Female Pipe End 3/4	1
4		209635	Hose, Tubing Oil Assy W/Fittings 42.360lg	1
5		260299	Hose Assy, Air W/Fittings 3/4 X 37.000 Lg	1
6		071270	Ftg, Pipe Brs Tee St 1/4 Npt 071269	1
7		602887	Ftg, Pipe Brs Plug Hexhd 1/4 Npt	1
8		151662	Ftg, Pipe Brs Plug Hex .125 Npt	1
9		209621	Ftg, Stl Adapter 3/4 Sae-3/4 Jic	1
10		240354	Ftg, Stl Adapter 3/4 Sae-3/4 Jic 45 Deg	1
11		209854	Ftg, Pipe Stl Adapter M 1/4 Npt X 1/4 Line	1

Item No.	Dia. Mkgs.	Part No.	Description	Quantity

Figure 1-7. Air Compressor (Continued)

12		260317	Hose, Nylon Blue 1/4 Id X 3/8 Od X 30-1/2 Lg	1
13		210054	Valve, Automatic Blowdown	1
14		210040	Orifice/Muffler, Blowdown .120	1
15		209854	Ftg, Pipe Stl Adapter M 1/4 Npt X 1/4 Line	1
16		260318	Hose, Nylon Red 1/4 Id X 3/8 Od X 23-1/2 Lg	1
17		249657	Air Cleaner, Intake 5.250 In	1
		*197676	Element, Air Cleaner	1
18		254976	Hose, Air Intake	1
19		253948	Bracket, Mtg Compressor (Back)	1
20		260374	Ftg, Pipe Brs Elbow/Adapter M 1/4 Npt X 3/8 Od Line	1
21		218305	Valve, Inlet Unloader 90dg	1
22		260374	Ftg, Pipe Brs Elbow/Adapter M 1/4 Npt X 3/8 Od Line	1
23		256685	Clutch, Electro Magnetic 12VDC W/8 Groove Pulley	1
24		210001	Airend, Gear-driven W/Tapered Input Shaft	1
25		206742	Switch, High Air Temperature 248f Nc	1
26		209853	Ftg, Pipe Stl Adapter M M16 1.5 X 1/2 Jic	1
27		209852	Ftg, Pipe Stl Adapter M M10 X 1/8 Npt F	1
28		260369	Ftg, Pipe Brs Elbow/Adapter M 1/8 Npt X 3/8 Od Line	1
29		253946	Bracket, Mtg Compressor	1
30		253951	Bracket, Mtg Compressor (Side)	1
31		117826	Ftg, Pipe Brs Nipple Close 1/4 Npt	1
32		210051	Valve, Check Minimum Pressure	1
33		272762	Sender, Pressure Oil 0– 200 Psi	1
34		209767	Ftg, Pipe Stl Connector M 3/4 Sae-npt Adapter	1
35		602965	Ftg, Pipe Brs Tee 1/8 Npt	1
36		206746	Switch, Pressure 20psi Nc	1
37		073655	Ftg, Pipe Brs Nipple Hex 1/8 Npt	1
38		117826	Ftg, Pipe Brs Nipple Close 1/4 Npt	1
39		206937	Manifold, Air	1
40		084999	Ftg, Pipe Brs Elbow St 45 1/4 Npt	1
41		210053	Valve, Pressure Regulator	1
42		209787	Ftg, Pipe Stl Nipple Close 3/4 Npt Schedual 80	1
43		206939	Tank, Oil Separator	1
44		127854	Clamp, Stl Cush 1.312 Dia X .343 Mtg Hole	1
45		260442	Stand-off, M12-1.75 Male X1/4-20 Fem .75 Hex 1.5 Lg	1
46		260323	Ftg, Stl Elbow M 90deg 3/4 X (Npt-jic 90deg)	1
47		210058	Gauge, Oil Level (Modified)	1
48		247624	Pointer Assembly	1
49		209457	Ftg, Pipe Stl Elbow St 3/4 Npt	1
50		209766	Ftg, Pipe Stl Tee Street 3/4 Npt M-f-f	1
51		209457	Ftg, Pipe Stl Elbow St 3/4 Npt	1
52		209638	Hose, Oil W/Fittings 25.670 Lg	1
53		209639	Hose, Oil W/Fittings 23.320 Lg	1
54		210248	Hose Assy, Air W/Fittings 3/4 X 35.250 Lg	1
55		260324	Ftg, Stl Elbow 45d 3/4-bspp(M) O-ring X 3/4 Jic M	1
56		214686	Ftg, Pipe Stl Elbow 90dg 3/4bspp O-ring X 3/4 Jic M	1
57		*206747	Separator, Oil/Air Filter	1
58		220326	Head, Spin On Separator	1
59		255515	Bracket, Mtg Filter Base	1
60		259231	Tubing, Sst .312 Od X.028 W/Ftgs	1
61		206743	Valve, Safety Relief 150psi	1
62		209754	Ftg, Stl Elbow 45 Deg 3/4 Npt (M) X 3/4 Jic (M)	1
63		209755	Ftg, Pipe Stl Swivel F 1/4 Npt X 1/4 F Jic	1
64		209856	Ftg, Stl Adapter Tube End Reducer 04f X 05m	1
65		214685	Hose Assy, Air W/Fittings 3/4 X 20.750 Lg	1
66		210027	Valve, Check/Scavenge Orifice/Screen	1
67		209854	Ftg, Pipe Stl Adapter M 1/4 Npt X 1/4 Line	1

Item No.	Dia. Mkgs.	Part No.	Description	Quantity

Figure 1-7. Air Compressor (Continued)

. . . 68		263516	. . Hose, Nylon White 1/4 Id X 3/8 Od X 33 Lg	1
. . . 69		258630	. . Hose, Tubing Oil Assy W/Fittings 42.500lg	1
. . . 70		209765	. . Ftg, Pipe Stl Elbow Adapter 90dg 3/4 Sae-jic-	1
. . . 71		210250	. . Hose Assy, Oil W/Fittings 3/4 X 15.500 Lg	1
. . . 72		210252	. . Ftg, Stl Bulkhead Branch Tee 3/4 Flare Tube End	1
. . . 73		256486	. . Bracket, Mtg Tubing	1
. . . 74		209756	. . Ftg, Pipe Stl Elbow M 90dg 1/2 Jic X 3/4 Sae	1
. . . 75		*206745	. . Filter, Oil	1
. . . 76		206744	. . Thermostat, 170f	1
. . . 77		210052	. . Valve, Oil Temperature Control	1
. . . 78		210251	. . Ftg, Stl Swivel Straight Thread Conn 3/4 O-ring	1
. . . 79		210251	. . Ftg, Stl Swivel Straight Thread Conn 3/4 O-ring	1
. . . 80		260477	. . Ftg, Pipe Stl Tee Branch Sae-12 X Jic-12	1
. . . 81		256393	. . Ftg, Stl Elbow 90 Deg Ns 3/4 F Jic X 3/4 M Orfs	1
. . . 82		209851	. . Ftg, Pipe Stl Tube End Cap 3/4 0rfs	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.*

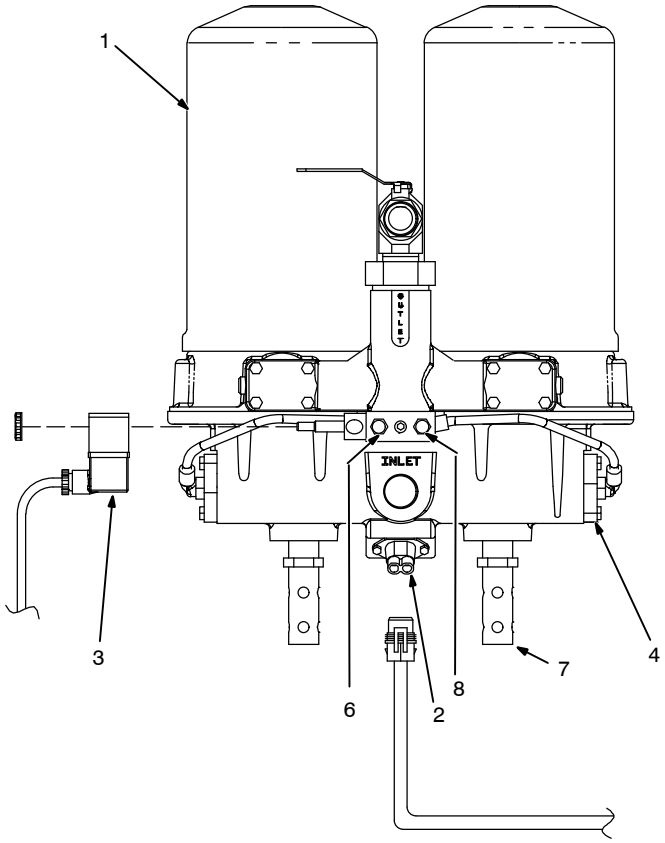

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Figure 1-8. Optional Air Dryer Assemblies

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
Figure 1-8. Optional Air Dryer Assemblies				
1		193362	Cartridge, Desiccant	2
2		193365	Heater Assembly,12 V 75 W	1
3		219491	Timer, Ctrl w/Cord & Plug (2 Min Cycle)	1
4		219492	Kit, Unloader Valve (Valve/Misc O−rings/Seals)	1
5		219493	Kit, Inlet Valve (Check Valve/Spring/Gasket/O−rings) (Not Shown)	1
6		248678	Muffler, Exhaust	2
7		242536	Muffler, Air	2
8		239786	Valve, Ctrl (Valve/Solenoid) 12 V	1
		264669	Harness, Air Dryer T2000	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.

☞ *Some wiring harness components (switches, relays, supplementary protectors) are also referenced elsewhere in this parts list. Purchase components separately or as part of the associated wiring harness.*

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Wiring Harnesses	
		258579	**Harness, Engine Deutz** (Includes)	1
		258962	Lead Assy, Elect W/Resistor & Splices	1
		258958	Lead Assy, Twisted Pair W/Resistor	1
		258113	Cable, Interconnecting 3 Ft 6.000 In	2
	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
	PLG14−PLG16	148850	Socket, Relay 5 Pin	3
	PLG400	258798	Conn, Rect Quadlok Rcpt 94 Pos R Ang	1
	PLG400_1	258809	Conn, Rect Quadlok Cover 94 Posn	1
	PLG400_2	258807	Conn, Rect Quadlok Retainer Large 94 Posn	1
	PLG400_3	258808	Conn, Rect Quadlok Retainer Small 94 Posn	1
	PLG400_4,PLG401_5	258803	Plug, Cavity	83
	PLG400_5,PLG401_4	258804	Plug, Cavity	12
	PLG400_6	258811	Seal, Plug Single Wire	6
	PLG401	258794	Conn, Rect Quadlok Rcpt 60 Pos R Ang	1
	PLG401_1	258802	Conn, Rect Quadlok Cover 60 Posn	1
	PLG401_2	258805	Conn, Rect Quadlok Lever 60/94 Posn	2
	PLG401_3	258806	Conn, Rect Quadlok Retainer 60 Posn	1
	PLG402	258716	Conn, Rect Mcp 62 Pos 1.5k/2.8mm Ra	1
	PLG402_1	258721	Conn, Rect Mcp Cover 62 Posn	1
	PLG402_3	240071	Plug, Cavity 2.5mm Din72585	4
	PLG402_2,PLG403_2, PLG405_2,PLG408_3	258720	Plug, Cavity 3.6mm	25
	PLG402_4	240074	Seal, Plug Single Wire (5mm Hole)	12
	PLG402_5	258719	Seal, Plug Single Wire	24
	PLG403,PLG405	258701	Conn, Circ Cpc 4skt Plug Cable Pushin Din72585	2
	PLG403_1,PLG405_1	258708	Seal, Plug Single Wire (2.5mm Hole) Din72585	6
	PLG404	240077	Connector, Housing 2p Junior−Timer Geh	1
	PLG406	240098	Connector, Housing	1
	PLG406_1	240099	Cap, Plug	1
	PLG406_2	240100	Clamp, Cable	1
	PLG407	258709	Conn, Rect Ng1 2pos Plug Cable	1
	PLG407_1	258715	Seal, Plug Single Wire (8mm Hole) Ng1	2
	PLG408	258722	Conn, Circ Cpc 4pin Rcpt Panel Pushin Din72585	1
	PLG408_1	258724	Seal, Plug Single Wire	3
		215265	Conn, Deutsch Wedge Lock 12 Position	1
		238029	Conn, Deutsch Wedge Lock 6 Position	1
	PLG410	212116	Conn, Deutsch 2P 1Row Female Plug	1
		212117	Conn, Deutsch Wedge Lock 2 Position	1
		259189	**Harness, Air Compressor Air Pak** (Includes)	1
	S10	206624	Switch, Tgl Sptt 6A 125VAC (On)−On−(On)Spd Term	1
	C10/D10	189701	Diode/Capacitor Board	1
	CB15	083432	Supplementary Pro, Man Reset 1p 10A 250VAC Frict	1
	CR10	113247	Relay, Encl 12VDC Dpdt 20A/120VAC 8pin Flange Mtg	1
	Mid	129524	Term, Frict 250x032 Uninsul Male .130 Stud Mtg 3pr	1
	Clutch	212116	Conn, Deutsch 2p 1row Female Plug	1

Eff w/Serial No. MG161217R Thru MH320244R

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Wiring Harnesses	
		258580	**Harness, Weld BB500** (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	1
	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
	RC30	229933	Conn, Rect Univ 039 10p/S 2row Rcpt Cable/Panel Lkg	1
		259318	Cable, Lem 50 In	1
		196602	Plug, Cavity 18,30 Position Cinch Connector	17
		129524	Term, Frict 250x032 Uninsul Male .130 Stud Mtg 3pr	1
		214933	Seal, Wire Univ 039	14
		214934	Seal, Plug Univ 039	13

Item No.	Dia. Mkgs.	Part No.	Description	Quantity
			Optional Components For Work Truck Configuration	
		277104	Panel, Front Engine/Weld W/Cmpnts	1
		258839	Control Panel, Lower Truck Mount	1
		196093	Arrestor, Flame Fuel Cap Green W/3.500 Buttress Thd	1
		205712	Spark Arrestor	1
		234540	Spark Arrestor Mounting Kit (Horizontal)	1
		1065370010097	Gauge, Informer Air Restriction For Air Cleaner	2
		263393	Hose, Air Indicator W/Ftgs 17 In.	2
		263395	Ftg, Pipe Galv Elbow 90deg 1/8 Npt(M) X 1/8 Npt(F)	1
		010926	Hanger, Minerallic No 2	2
		604224	Screw, 250−20x .75 Hexwhd.50d Stl Pld Slffmg Tap−Rw	2
		176318	Padlock, Master Lock No 3ka 3212 Keyed Alike	1
		210744	Lock−Out Vandalism (Starting Panel Rr) (Includes)	1
		210745	Bezel, Mounting	1
		210746	Door, Access	1
		210747	Hinge, Cont Stl Stnls .042 X 1.250 X 5.000	1
		152461	Nut, 250−20 .44hex .23h Stl Pld Sem Cone Wshr.65d	1
		270752	Ftg, Stl Elbow 90 Deg 1/8 Ntp(F) To 1/8 Swivel(F)	2
		277120	Label, Weight & Dimensions	1
		210972	Label, Stop Engine 1 In High Letters Rr	1

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