



PM- 279640 G

Big Blue 600 Air Pak 800 Duo Pro 800 Duo Air Pak



PARTS MANUAL



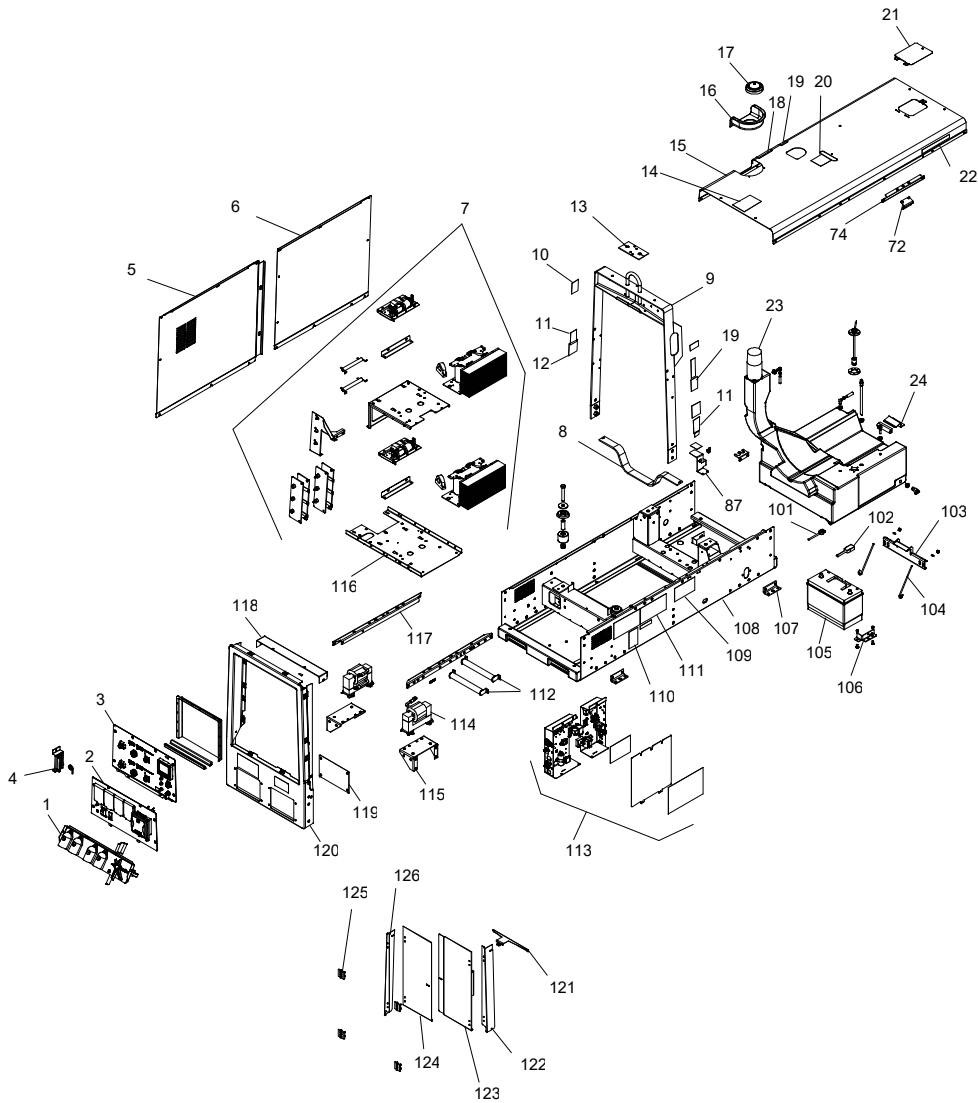
PM- 279640 G

Big Blue 600 Air Pak

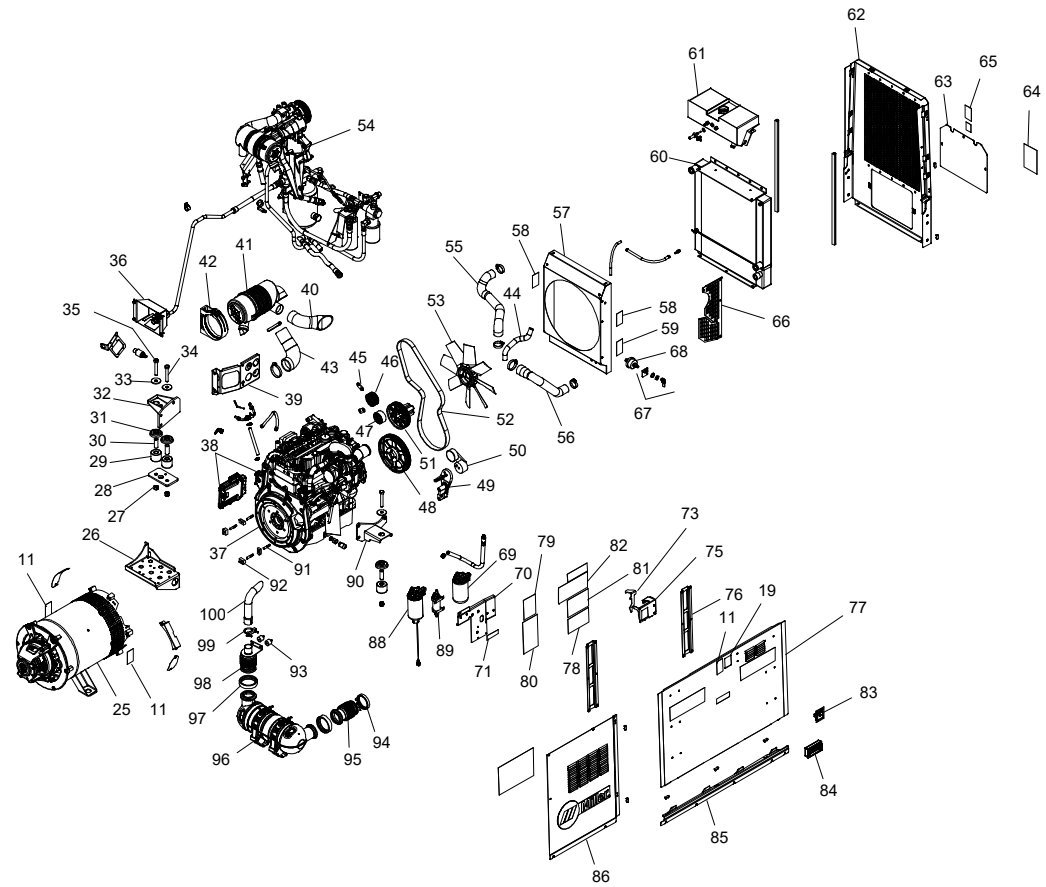
Effective with Serial Number
MH260921R - ZZ222222R



PARTS MANUAL



Main Assembly



Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1			Weld Output Panel (See following for subassembly information)	1
2			Auxiliary Power Panel, North America (See following for subassembly information)	1
3			Front Engine and Weld Controls Panel (See following for subassembly information)	1
4		252195	Bracket, Mtg Strip Term 6 Pole	1
/	TE1	172661	Block, Stud Connection 6 Position	1
5		259407	Panel, Generator Lh	1
6		259533	Panel, Engine Extension Lh	1
7			Weld Output Module (See following for subassembly information)	1
8		218086	Bracket, Holddown Fuel Tank	1
9		+ 255669	Upright, Center Assy	1
10		272333	Label, Warning Hot Parts (En/Fr/Sp-Sym)	1
11		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	5
12		272331	Label, Notice Do Not Spray Water (En/Fr/Sp-Sym)	2
13		189464	Seal, Weather Lift Eye	1
14		272340	Label, Danger Using Generator Indoor (En/Fr/Sp-Sym)	1
15		+ 259206	Cover, Top MH260921R - NA230714R	1
15		+ 287554	Cover, Top NA230715R - ZZ222222R	1
/		024103	Blank, Snap-In Nyl .750 Mtg Hole Black NA230715R - ZZ222222R	2
16		189052	Grommet, Plastic Neck Filler Fuel	1
17		254678	Cap, Tank Screw-on 3.500 In w/Vent w/Lanyard 8 In	1
18		227728	Label, Warning Use Diesel Fuel Only (Trilingual)	1
19		272333	Label, Warning Hot Parts (En/Fr/Sp-Sym)	3
20		272339	Label, Warning Falling Equipment (En/Fr/Sp-Sym)	1
21		201851	Cover, Radiator Access	1
22		227731	Label, Notice Do Not Use Ether (Trilingual)	1
23		268932	Tank, Fuel	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
/		268931	Ftg, Stand Pipe Hose .500 x 9.538 Lg Str Zinc	2
/		084173	Clamp, Hose .460 - .545 Clp Dia Siftng	2
/		264196	Sender, Fuel Gauge Reed Switch 9in	1
/		189910	Fitting, Stand Pipe Hose .3125 x 9.260 Lg 90 Deg Zinc	1
/		181572	Bushing, Tank Fuel	2
/		189908	Valve, Drain Fuel 180 Deg	1
24		196220	Bracket, Holddown Fuel Tank Rear	1
25		+ Generator	(See following for subassembly information)	1
26		258901	Bracket, Mtg Doc	1
27		135205	Nut, .625-11 .94 Hex .77H Stl Pld Elastic Stop Nut	5
28		259690	Plate w/Spacer, Support Engine	1
29		083476	Mount, Eng/Gen Nprn .875 Id x 2.500 Od x 2.000 60 Dur	5
30		071730	Tubing, Stl .875 Od x 12Ga Wall x 2.500	5
31		071890	Retainer, Mount Eng/Gen	5

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Item No.	Dia. Mkgs.	Part No.	Description	Qty
32		259687	Bracket, Mtg Engine Lh Hd	1
33		071731	Washer, Flat .656 Id x 2.250 Od x .187T Stl Pld	5
34		199849	Screw, .625-11 x 4.00 Hex Hd-pln Gr5 Pld	4
35		260103	Screw, .625-11 x 1.75 Flathd-Soc Stl	1
36		206606	Box, Valve Ball	1
37		265233	Adapter, Engine Deutz 2.9l	1
38		256692	Engine, Deutz Dsl Elec 8556 Td 2.9l 4	1
/		067265	Oil Filter	1
/		199507	Hose, Oil Drain Assy 20 In	1
/		165271	Valve, Oil Drain 3/8-18Nptf	1
/		176529	Fitting, Hose Brs Barbed Fem 1/2Tbg x 3/8 Npt	1
/		113854	Hose, Sae .500 Id x .780 Od Xcoil	2
/		176528	Fitting, Hose Brs Barbed Elbow Fem 1/2 Tbg x 1/2 Npt	1
/		173336	Fitting, Adapter Oil Drain	1
/			Washer, Oil Drain (Available Through Engine Manufacturer)	1
/		259883	Heater, Block Engine 120V 530W	1
39		254730	Bracket, Mtg Air Cleaner	1
40		259354	Hose, Air Pickup	1
41		255768	Air Cleaner, Intake (Engine)	1
* /		192938	Filter, Air Element Primary	1
/		~ 192939	Filter, Air Element Safety	1
42		189763	Bracket, Mtg Air Cleaner	1
43		254977	Hose, Air Cleaner	1
44		260285	Hose, Rbr .875 Id (Water Pump To Expansion Tank)	1
45		255770	Bracket, Mtg Alternator To Compressor Bkt	2
46		253942	Pulley, Alternator	1
47		253963	Pulley, Idler 76mm Od 17mm Id 33mm W	1
48		253941	Pulley, Crankshaft	1
49		258014	Bracket, Mtg Tensioner	1
50		253958	Tensioner, Auto Belt	1
51		253940	Pulley, Water Pump	1
* 52		253944	Belt, Micro-v 8 Rib (Air Pak Models)	1
53		207203	Fan, Engine Cooling 18.000 8 Blade Suction	1
54		Air Compressor	(See following for subassembly information)	1
55		255666	Hose, Radiator Upper Deutz	1
56		255667	Hose, Radiator Lower Deutz	1
57		+ 259649	Shroud, Fan	1
58		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	2
59		272498	Label, Notice Compressor Oil Fill (En/Fr-Sym)	1
60		259648	Radiator/Oil Cooler 3 Row Core 1.500 In/Outlet (US)	1
61		255549	Tank, Radiator Expansion	1
/		261866	Sensor, Coolant Level Monitor	1
/		243038	Washer, Seal Oil Cu .560 Id x .840 Od x .042 T	1

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Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		173818	Ftg, Hose Brs Barbed Elbow M 1/4 Tbg x 1/4 Npt	1
62		254275	Upright, Rear Radiator	1
/		260226	Extrusion, Rubber w/Adhesive .750 x .750 x 27.000	2
63	+	201183	Cover, Battery Access	1
64		272341	Label, Warning Battery Explosion (En/Fr/Sp-Sym)	1
65		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	1
66		255756	Guard, Fan Rh	1
67		209612	Lever, Switch Lockout Disconnect Switch	1
68		209611	Switch, Disc Battery 2p 6-36 Volts	MH260921R - MK300717R 1
68		285589	Switch, Battery Disconnect 2p 6-36V	MK300718R - ZZ222222R 1
* 69		255765	Filter, Fuel Secondary	1
70	+	259335	Bracket, Mtg Fuel Filters/Pump	1
71		272555	Label, Notice Drain Water From Fuel Filter (En/Fr)	1
72		190992	Keeper, Latch Engine Access Door	1
73		209093	Bracket, Safety Latch	1
74		206604	Channel, Stiffener Engine Access	1
75		209092	Bracket, Mtg Safety Latch	1
76		209090	Bracket, Stiffener Panel	2
77	+	259532	Panel, Engine Access Lift Off	1
78		260658	Label, Maintenance Air Compressor	1
79		278415	Label, Help Codes	1
80		278439	Label, Fuel/Hour/Engine Shutdown	2
81		209059	Schematic, Air System (Big Blue Air Pak)	(Not Shown) 1
82		260007	Engine Maintenance Label	1
83		209667	Latch, Paddle w/Lock	1
84		210681	Handle, Pocket Pull Door Access	1
85		259402	Panel, Rocker Short	1
86		275615	Panel, Generator RH (600 Models)	1
87		260961	Bracket, Mtg Switch	1
* 88		255764	Filter, Fuel Pre	1
89		255767	Pump, Fuel	1
90		253934	Bracket Assy, Mtg Engine Rh	1
91		259997	Stud, Stl M10-1.5 x 52mm Gr8.8	4
92		259855	Block, Mtg Rotor	4
93		256251	Mount, Vibration	2
94			Clamp, V Band (Order from engine manufacturer)	1
95		254724	Pipe, Exhaust Bellows Flex	1
96			DOC (Order from engine manufacturer)	1
97			Clamp, V Band (2 Sets) (Order from engine manufacturer)	2
98		261816	Reducer, Exhaust Flex 3 In Marmon To 1-7/8 St	1
99		010875	Clamp, Muffler 2.000 Dia U Pld	1
100		105734	Pipe, Muffler Extension Elbow 1.750 Od	1
101		190206	Cable, Bat Neg 42.000 No 1 Awg w/Clamp & .400 Rng	1

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Main Assembly

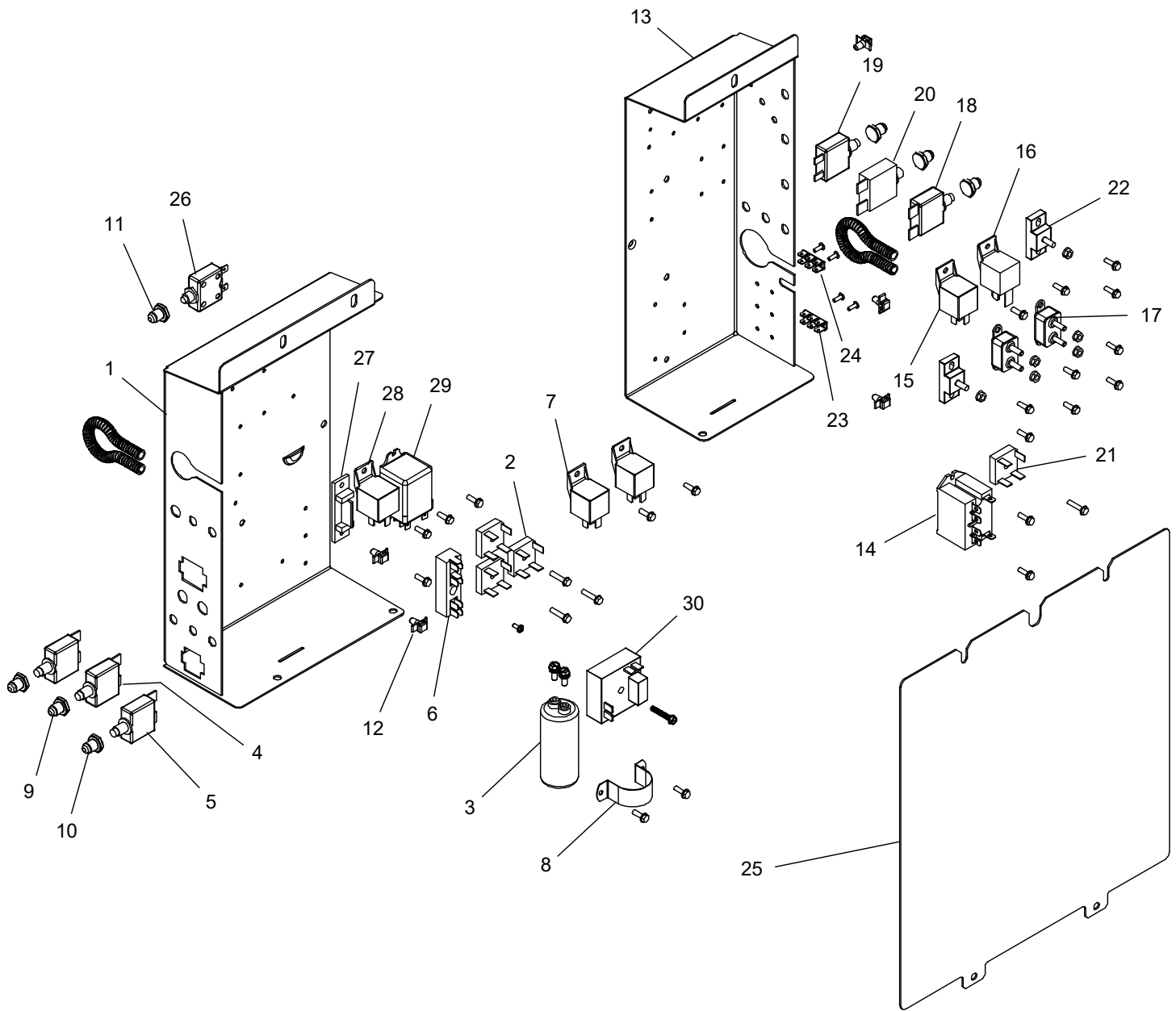
Item No.	Dia. Mkgs.	Part No.	Description	Qty
102		264019	Cable, Bat Pos 24" No 1 Awg/8Ga Aux w/Clamp & .400	1
103		266385	Bracket, Battery Holddown	1
104		201006	Bolt, J Stl .312-18 x 8.500 Pld	2
/		208041	Spacer, Stl .323 Id x .625 Od x .141 Thk	2
* 105			Battery, Stor 12V 925 Crk 195 Rsv Gp 31 Maint Free	1
106		264924	Bracket, Battery Locator Adj	1
107		191897	Bracket, Mtg Unit	4
108		+ 269943	Base	1
109		272342	Label, Warning Do Not Weld On Base (En/Fr/Sp-Sym)	2
110			Label, Rating Card (Order By Model & Serial No.)	1
111		272343	Label, Warning General Precautionary (En/Fr/Sp-Sym)	2
112	R3,R8	189699	Resistor, WW Tap 375 W 10 Ohm w/Mtg Bkt	2
113		Control Box Assembly (See following for subassembly information)		1
114	Z1,Z21	249772	Stabilizer	2
115		248940	Bracket, Mtg Stabilizer	2
/	CT1	105370	Xfmr, Current	1
116		256487	Pan, Vault & Capacitors	1
117		206352	Brace, Front To Center Upright	2
118		191448	Cover, Top Front Upright	1
119		207096	Cover, Box Front Upright	1
120		254117	Upright, Front	1
121		259266	Tab, Lockout	1
122		265250	Mount, Access RH	1
123		259268	Door, Access RH w/Om Pocket	1
124		259265	Door, Access Lh	1
125		189975	Hinge, Door Access 180 Deg	4
126		265249	Mount, Access LH	1
/		282178	Label, Warning Breathing Diesel Engine Exhaust	1
* /		276418	USB Flash Drive	1
* /		262459	Kit, Filters Deutz (2.914) Engine	1
/		283580	Kit, Label (600 Models)	1
/		281312	Kit, Service Fuel Fitting Install	

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Control Box Assembly

Control Box Assembly

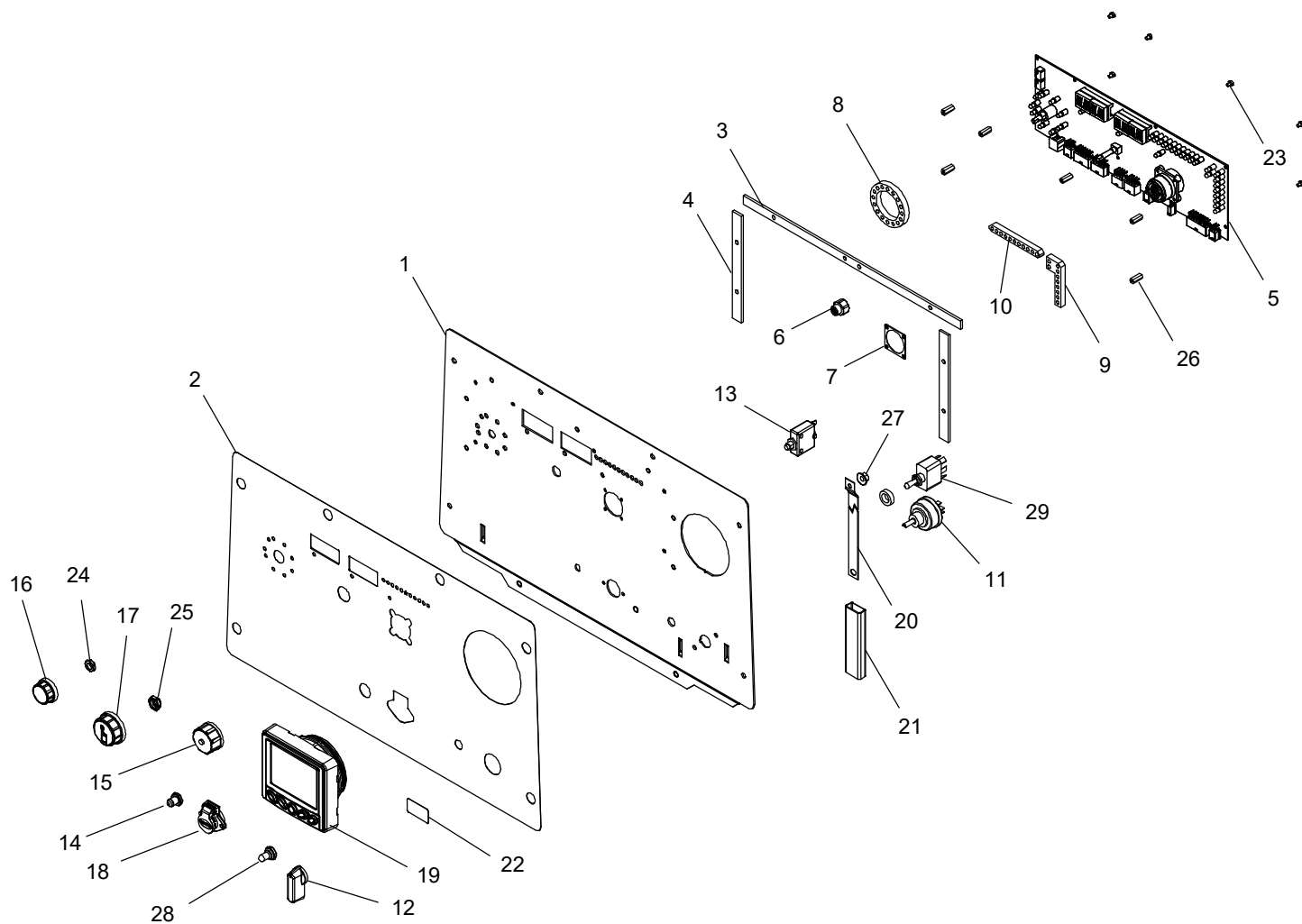
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		258577	Control Box, Lh	1
2	SR1-3	035704	Rectifier, Integ Bridge 40. Amp 800V	3
3	C6	087110	Capacitor, Elctlt 240 uF 200 Vdc Can 1.39 Di	1
4	CB3-CB4	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	2
5	CB14	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	1
/		402132	↓ Kit, Fuse Holder BB500-800	1
* /	F1-F2	085874	→ Fuse, Mintr Cer Slo-Blo 10. Amp 250 Volt	2
6	TE2	190210	Block, Term 5-3-3	1
7	CR4,CR24	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg	2
/	CR7	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg NA230715R - ZZ222222R	1
8		177136	Clamp, Capacitor 1.375 Dia	1
9		190323	Boot, Circuit Breaker Clear Hex Nut	5
10		190323	Boot, Circuit Breaker Clear Hex Nut	1
11		190323	Boot, Circuit Breaker Clear Hex Nut	1
12		204737	Cable Tie Mount, Winged Push	5
13		258576	Control Box, Rh	1
14	CR5	223710	Relay, Encl 12 Vdc Dpst-No 25A 6Pin Flange	1
15	CR3	258445	Relay, Encl 12 Vdc Spdt 50A/14 Vdc w/Diode 5pin	1
16	CR8	258446	Relay, Encl 12 Vdc Spst 70A/14 Vdc w/Diode 4pin	1
17	CB10,CB13	190374	Circuit Breaker, Auto Reset 12 Vdc 40 Amp	2
18	CB2	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	1
19	CB11	093997	Supplementary Protector, Man Reset 1p 30A 250 Vac	1
20	CB12	093996	Supplementary Pro, Man Reset 1P 20A 250 Vac Frict	1
21	SR5	035704	Rectifier, Integ Bridge 40. Amp 800V	1
22	TE3-TE4	072253	Stud, Connection Single 10-32 x .500 x 1.250 Mtg	2
23		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1
24		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1
25		258582	Cover, Control Box	1
26		083432	Supplementary Pro, Man Reset 1P 10A 250 Vac Frict	1
27		189701	Diode/Capacitor Board	1
28		~ 090104	Relay, Encl 12 Vdc Spst 30A/15 Vdc 5Pin Flange Mtg	1
29		113247	Relay, Encl 12 Vdc Dpdt 20A/120 Vac 8Pin Flange Mtg	1
30		~ 268474	Relay, Delay Fix 12VDC Spst (N.O.) 10A 30Sec (Air Dryer Only)	1

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Front Engine and Weld Controls Panel

Front Engine and Weld Controls Panel

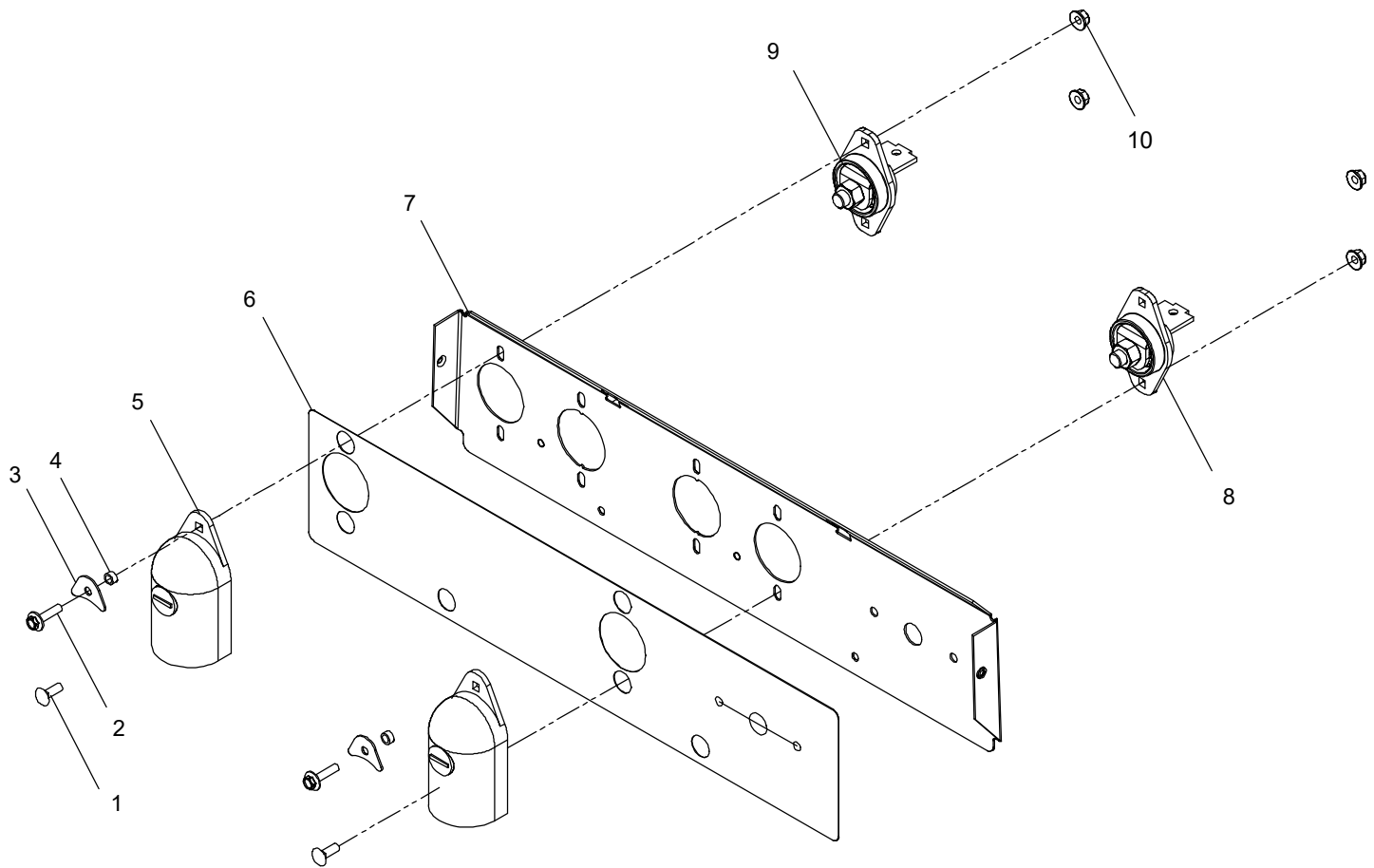
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		276672	Panel, Engine/Weld Control	1
2			Label, Nameplate (Order by Model and Serial No.)	1
3		277517	Gasket, Control Board Cover Top	1
4		277518	Gasket, Control Board Cover	2
5		290339	Kit, Service Control Board	1
6		278485	Assy, Encoder Nut w/O-Ring	1
7		277524	Gasket, 14 Pin Receptacle	1
8		278559	Foam, LED Process Select	1
9		278564	Foam, LED Fuel And Service	1
10		278563	Foam, LED Dig	1
11		217680	Switch, Ignition 4 Position w/Out Handle	1
/		201244	Washer, Tooth .728 Id x 1.166 Od x .050T Stl Pld Int .688	1
12		207073	Lever, Ignition Switch	1
13		083432	Supplementary Pro, Man Reset 1P 10A 250 Vac Frict	1
14		190323	Boot, Circuit Breaker Clear Hex Nut	1
15		170391	Conn, Circ Ms Protective Cap Size 20 Nylon	1
16		245663	Knob, Encoder 1.250 Dia x .250 Id Push On w/Spring	1
17		276230	Knob, Encod 1.67 D x 6mm Id Push On w/Spring/Print	1
/		280214	Spring, Wave (Stainless Steel)	1
18		276484	Harness, Front Panel USB	1
19		256689	Display, LCD Alphanumeric Engine (Deutz)	1
20		279479	Strap, Grounding 15.12 In Long	1
21		086288	Tubing, GI Acryl .750 - .786 Id Spool Yel Fa1	0.75
22		270453	Label, Warning Read Owner's Manual Wordless	1
23		215000	Screw, 006-32 x .18 Hex Hd-Slt Stl Pld	6
24		231468	Nut, .375-32 .56 Hex .22h Brs Conical Knurl	1
25		231469	Nut, .500-28 .69 Hex .28h Brs Conical Knurl	1
26		190512	Stand-off, No 6-32 x .640 Lg .250 Hex Al Fem	6
27		152461	Nut, .250-20 .44Hex .23H Stl Pld Sem Cone Wshr .65D	1
28		021385	Boot, Toggle Switch Lever	1
29		206624	Switch, Tgl Sptt 6A 125 Vac (On)-On-(On) Spd Term	1
/		280214	Spring, Wave (Stainless Steel)	1

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Weld Output Panel

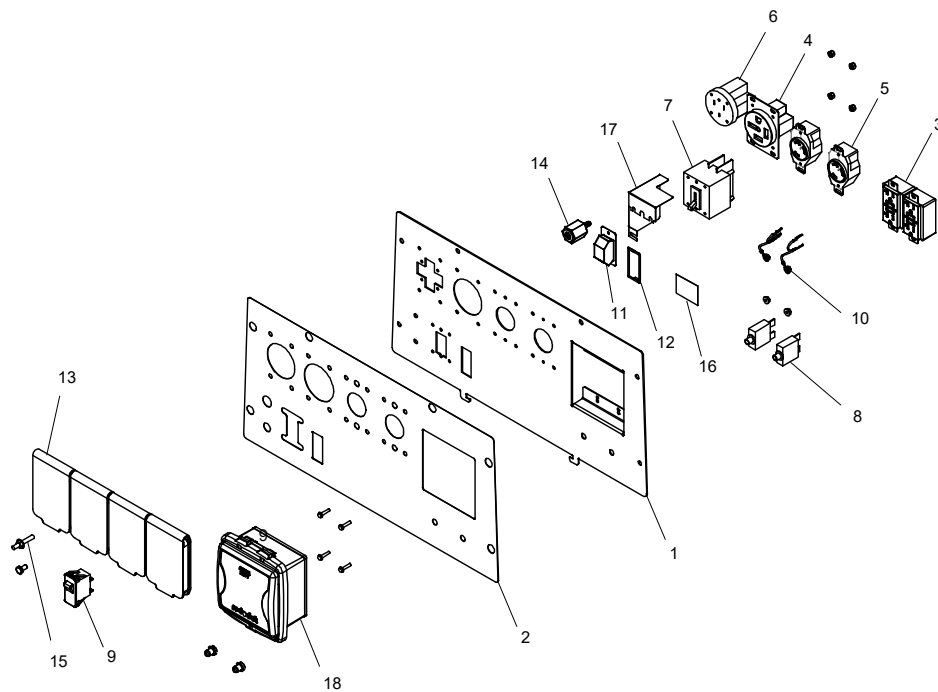
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		005107	Bolt, Crg Stl .250-20 x .750 Gr5 Pld	2
2		108941	Screw, .250-20 x 1.00 Hexwhd.61d Gr5 Pld	2
3		180735	Washer, Output Stud	2
4		181169	Spacer, Output Stud	2
5		186621	Boot, Generic Output Stud	2
6		259993	Label, Output Panel w/Polarity BB500 Pro	1
7		258685	Panel, Mtg Terminal Power Output	1
8		241433	Terminal, Pwr Output Black	1
9		241432	Terminal, Pwr Output Red	1
/		108941	Screw, .250-20 x 1.00 Hexwhd.61d Gr5 Pld	2
10		152461	Nut, .250-20 .44Hex .23H Stl Pld Sem Cone Wshr .65D	6
/		010381	Connector, Rectifier	1
/		143397	Blank, Snap-In Nyl .312 Mtg Hole Black	1

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Auxiliary Power Panel, North America

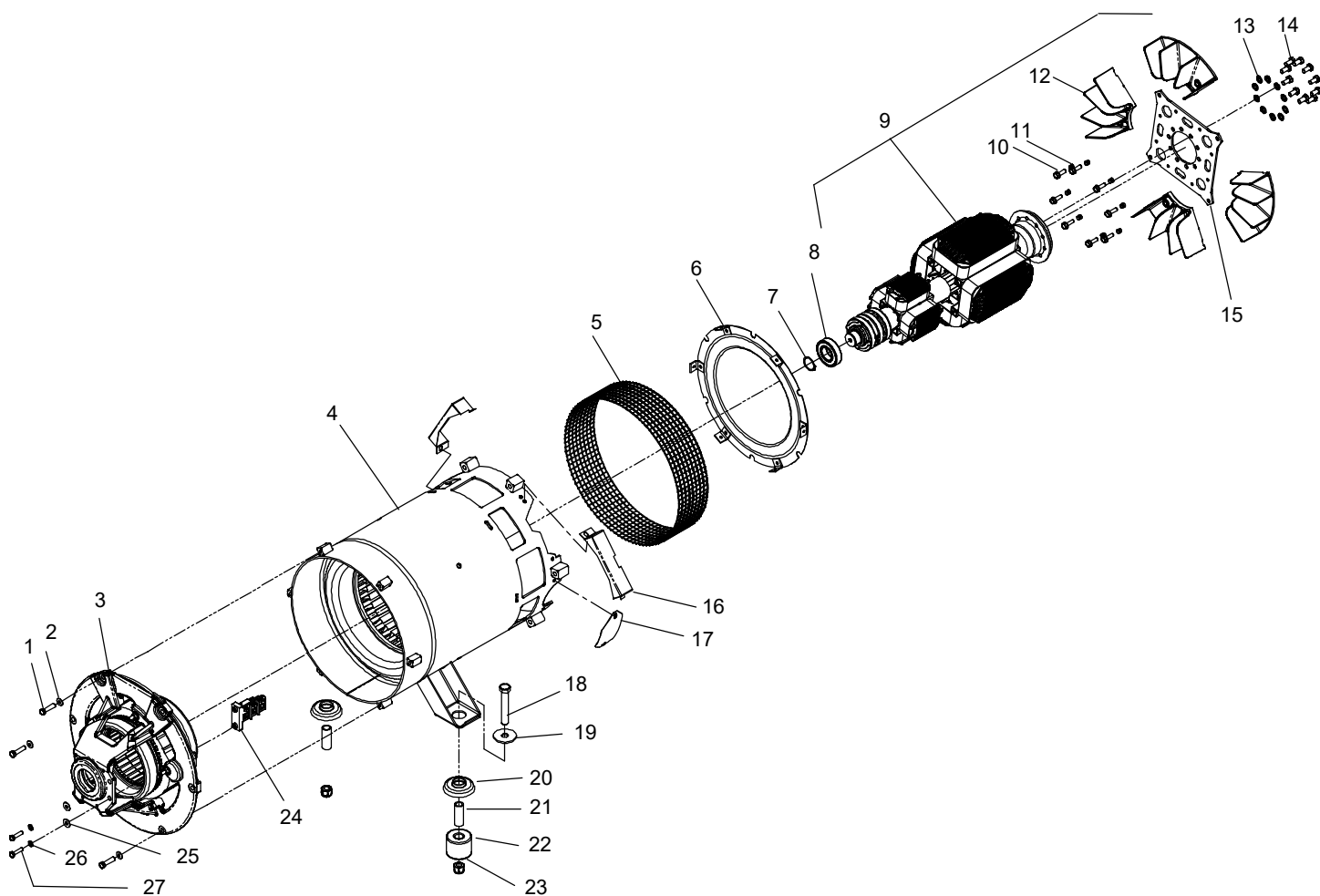
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		271859	Panel, Aux Power	1
2		271858	Label, Aux Power w/In Use Cover (Bw)	1
* 3	GFCI1-GFCI2	280236	Receptacle, Gfci 15/20A	2
4	RC4	254094	Rcpt, Str 3p4w 50A 250V Flush Mtg	1
5	RC1-RC2	147632	Rcpt, Tw Lk Grd 2p3W 30A 250V *L6-30r	2
6	RC5	182954	Rcpt, Str 3p4w 50A 125/250V Flush Mtg 14-50	1
7	CB1	214926	Supplementary Protector, Man Reset 3p 50A 250 Vac	1
8	CB7-CB8	093996	Supplementary Pro, Man Reset 1P 20A 250 Vac Frict	2
9	CB6	201083	Supplementary Protector, Man Reset 2p 20A 250 Vac	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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Generator

Generator

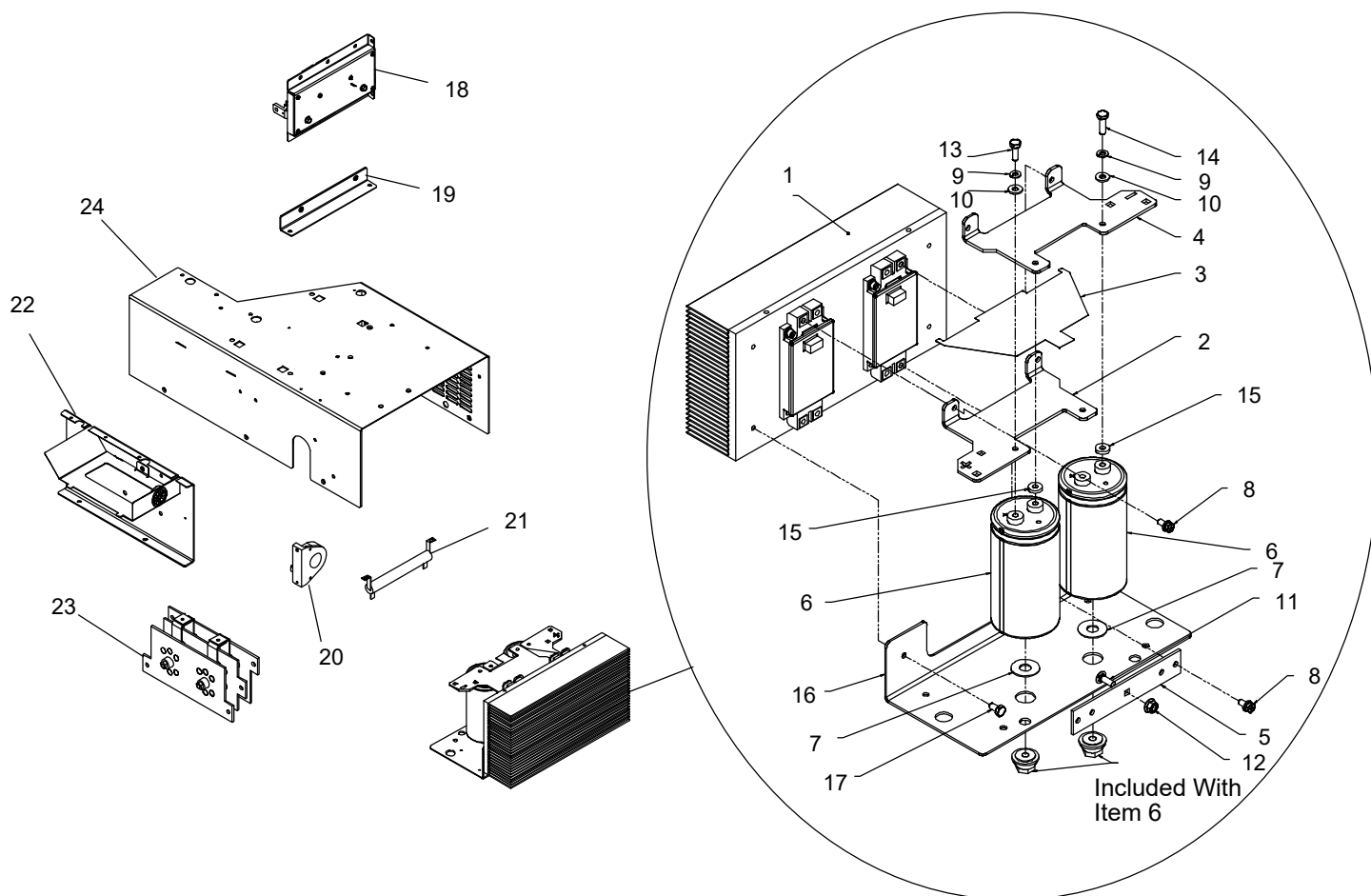
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		132053	Screw, .375-16 x 1.50 Hex Hd-Pln Gr5 Pld Blk	6
2		183387	Washer, Cone .380 Id x .860 Od x .109T Stl Pld 4000 Lbs	6
3		278733	↓ Endbell w/Exciter Stator	1
/		257974	→↓Kit, Endbell w/O-ring	
/		203635	→→Endbell, Gen	1
/		143220	→→O-Ring, 2.859 Id x .139 Cs 70 Duro Viton	1
/		278735	→Stator, Exciter/Aux Power	1
/		604538	→Washer, Flat .344 Id x 0.688 Od x .065T Stl Pld Ansi .312	4
/		172684	→Nut, .312-18 .50 Hex .27H Stl Pld Sem Cone Wshr .76D	4
/		604537	Nut, .312-18 .50Hex .28h Stl Pld	4
/		604538	Washer, Flat .344 Id x 0.688 Od x .065T Stl Pld Ansi .312	4
/		261463	Screw, .312-18 x 4.50 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
/		172555	Screw, M10-1.5 x 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, .312-18 x 1.00 Hexwhd .66D Stl Pld Slffmg Tap-Rw	8
11		083883	Washer, Lock .402 Id x 0.709 Od x .087T Stl Pln Split 10mm	8
12		206242	Fan, Rotor Segmented Assy Gen	4
13		083883	Washer, Lock .402 Id x 0.709 Od x .087T Stl Pln Split 10mm	10
14		049026	Screw, M10-1.5 x 25 Hex Hd-Pln 8.8 Pln	10
15		210332	Plate, Flex Hubmount	1
16		191577	Guard, Starter Deutz	2
17		191579	Cover, Starter Hole Perkins/Continental	1
/		199849	Screw, .625-11 x 4.00 Hex Hd-pln Gr5 Pld	3
18		071731	Washer, Flat .656 Id x 2.250 Od x .187T Stl Pld	2
19		071890	Retainer, Mount Eng/Gen	2
20		071730	Tubing, Stl .875 Od x 12Ga Wall x 2.500	2
21		083476	Mount, Eng/Gen Nprn .875 Id x 2.500 Od x 2.000 60 Dur	2
22		135205	Nut, .625-11 .94 Hex .77H Stl Pld Elastic Stop Nut	2
23		602159	Screw, .312-18 x .75 Hexwhd .66D Stl Pld Slffmg Tap-Rw	6
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 .375 Id x 0.875 Od x .083T Stl Pld Blk	2
26		602211	Washer, Lock .318 Id x 0.586 Od x .078T Stl Pld Split .312	2
27		604534	Screw, .312-18 x 1.25 Hex Hd-Pln Gr5 Pld	2

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Weld Output Module

Weld Output Module

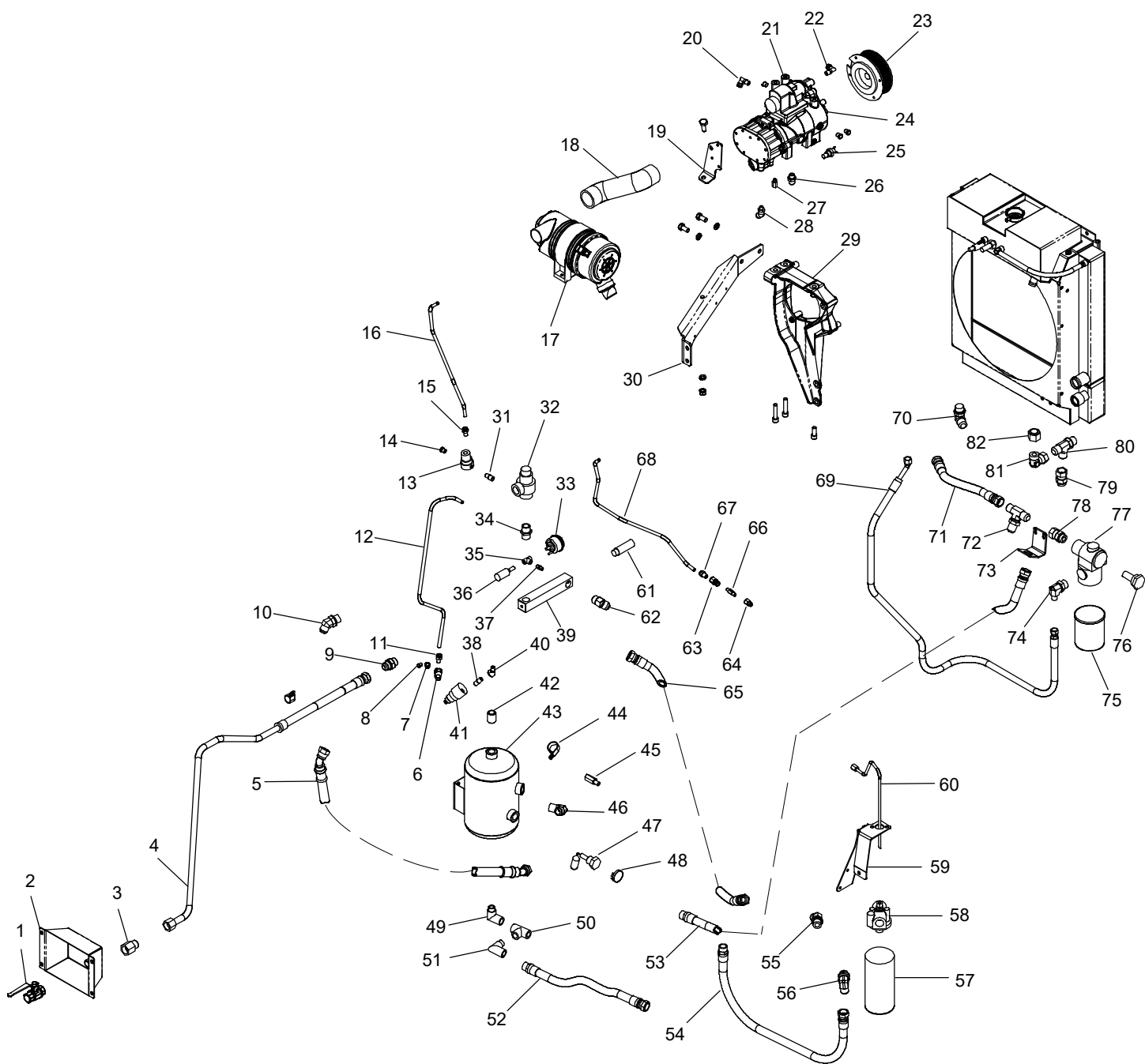
Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		278886	Module, IGBT Weld Output	1
1		278884	Heat Sink Assy, IGBT	1
2		250350	Bus Bar, Positive	1
3		250323	Insulator, Bus Bar	1
4		250348	Bus Bar, Negative	1
5		245378	Bus Bar, AC	1
6	C3	246841	Capacitor, Elctlt 35000 uF 100 Vdc Can 3.00 Dia	2
7		239547	Washer, Flat Nylon .516 Id x 1.250 Od x .062 Thk	2
8		202853	Screw, M6-1.0x 14 Hex Hd-Phl Stl Pld Sems	8
9		602207	Washer, Lock .255 Id x 0.489 Od x .062T Stl Pld Split .250	4
10		227186	Washer, Flat .254 Id x 0.468 Od x .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, 250-28 x .75 Hex Hd-Pln Stl Gr5 Pld Zinc Blk	2
14		223040	Screw, 250-28 x .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, .250-20 x .50 Hexwhd .50D Stl Pld Slffmg Tap-Rw	2
18		269559	Circuit Card Assy, Wcc Filter Network Potted	1
19		279485	Bracket, Mtg Wcc Filter Network Potted Assy	1
20	HD1	168829	Transducer, Current 1000A Module Max Open Loop	1
21	R10	188067	Resistor, WW Fxd 100 W 200 Ohm w/Clips	1
22		259039	Bracket, Rectifier	1
23	SR6	255758	Rectifier, Si 3Ph 400 Amp 600 Piv 100% Duty Cycle	1
24		258908	Windtunnel, Rect/Cap	1

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Air Compressor

Air Compressor

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		233721	Valve, Ball	1
2		206606	Box, Valve Ball	1
3		210523	Ftg, Fird Stl Tube End/Female Pipe End 3/4	1
4		209635	Hose, Tubing Oil Assy w/Fittings 42.360 Lg	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
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
	/	210016	Gasket, Unloader Valve	
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 12 Vdc w/8 Groove Pulley	1
24		210001	Airend, Gear-driven w/Tapered Input Shaft	1
	/	258419	Kit, Compressor Front Seal	
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	MH260921R - MJ330070R 1
29		281512	Bracket, Mtg Compressor	MJ330071R - ZZ222222R 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		297368	Kit, Service Air Comp Switch	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

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Air Compressor

Item No.	Dia. Mkgs.	Part No.	Description	Qty
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 Schedule 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 x 1/4-20 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
68		263516	Hose, Nylon White 1/4 Id x 3/8 Od x 33 Lg	1
69		258630	Hose, Tubing Oil Assy w/Fittings 42.500 Lg	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 Orfs	1

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Air Compressor

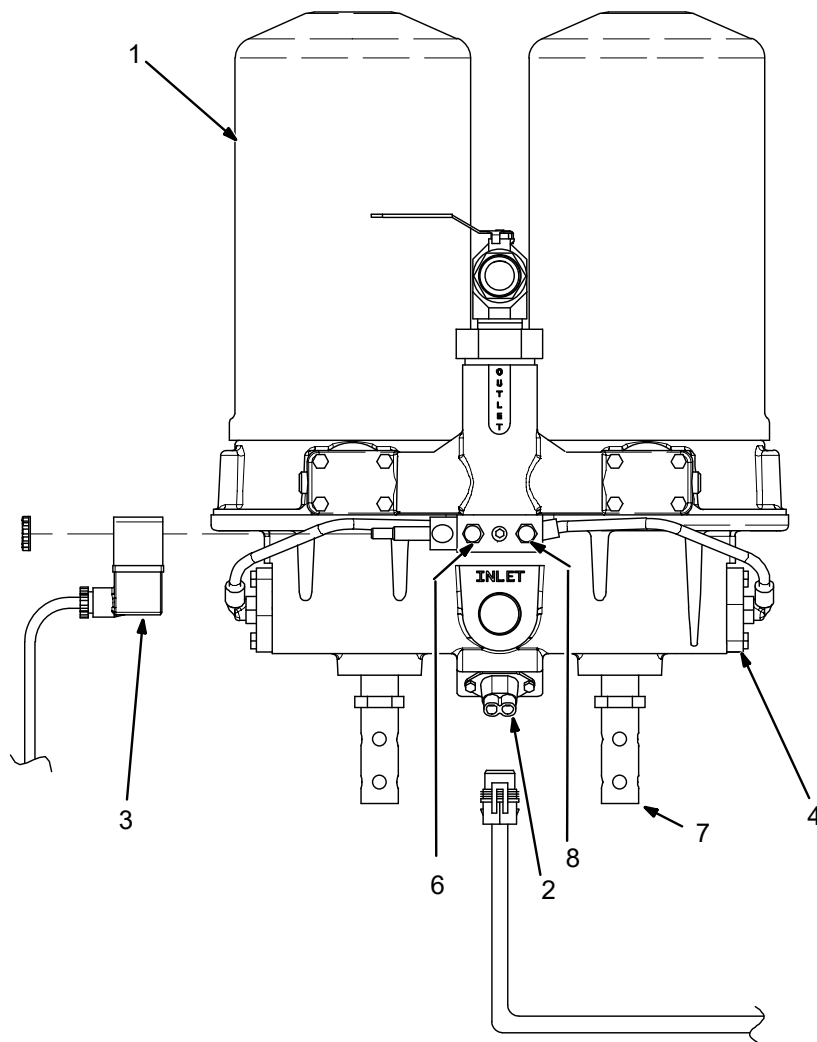
Item No.	Dia. Mkgs.	Part No.	Description	Qty
* /		279121	Filter Kit, Ingersoll Rand (Ce55 G1)	1

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Optional Air Dryer Assemblies

Item No.	Dia. Mkgs.	Part No.	Description	Qty
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
/		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) 12V	1
/		264669	Harness, Air Dryer T2000	1
/		271044	Cover, Battery Access Air Dryer Rear Assy	1
/		213132	Hose, Tubing Oil Assy	1
/		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	1
/		272341	Label, Warning Battery Explosion (En/Fr/Sp-Sym)	1
/		272335	Label, Notice Do Not Disconnect Battery (En/Fr/Sp-Sym)	1
/		213132	Hose, Tubing Oil Assy	1
/		209768	Ftg, Flrd Stl Conn M 3/4 Npt-Jic	1
/		244259	Bolt, Lag Stl 500 x 3000 Pld	4
/		602247	Washer, Flat .531 Id x 1.062 Od x 0.95T Stl Pld Ansi .500	4
/		602154	Screw, .250-20 x .50 Hexwhd .50D Stl Pld Slffmg Tap-Rw	2

when ordering parts from your local distributor.

Optional Components For Wireless Interface Control

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		286598	Kit, Remote Module/Fob	1
/		286602	Module, Fob Radio Receiver	1
/		286599	Module, Radio Receiver	1
/		286600	Module, Antenna Radio Receiver	1
/		287593	Bracket, WIC Receiver	1
/		288362	Harness, Wrg Remote	1
/		288367	Lead Assy, Twisted Pair	1
/		288382	Lead Assy, Elect w/Resistor	1
/		288383	Lead Assy, Elect	1
/	PLG411	177559	Conn, Body 5 Terminal	1
/	PLG7,PLG27	285708	Conn, Rect Mx120G 12Pin 2row Rcpt	2
/	PLG64	158465	Conn, Rect Unit 084 12P/S 3row Plug Cable Lkg	1
/	RC409	286535	Conn, Body 5 Terminal Rcpt	1
/		250930	Alarm, Piezo Slow Pulse 4-16 Vdc 105/100 Db	1
/		287538	Plug, Cavity	9
/		187654	Seal, Wire Univ 12p/S 3row	1
/		286634	Label, Warning Remote Start	1
/		286737	Cable, Charging USB	2
/		286604	Charger, USB	2

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Wiring Harnesses

Item No.	Dia. Mkgs.	Part No.	Description		Qty
/		279503	Harness, Engine Deutz (All Models)	MH260921R - NA330569R	1
/		288336	Cable, Work 10 Ft No 1/0 w/Clamp & Tw Lk	NA330570R - ZZ222222R	1
/		279502	Lead Assy, Elect W/Splices	NA330570R - ZZ222222R	1
/		288408	Lead Assy, Elect w/Splices	NA330570R - ZZ222222R	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
/	PLG14-16	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_4,401_5	258803	Plug, Cavity		83
/	PLG400_5,401_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_2,403_2,405_2,406_2	258720	Plug, Cavity 3.6mm		25
/	PLG402_4	240074	Seal, Plug Single Wire (5mm Hole)		12
/	PLG402_5	258719	Seal, Plug Single Wire		24
/	PLG403,405	258701	Conn, Circ Cpc 4skt Plug Cable Pushin Din72585		2
/	PLG403_1,405_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
/		288236	Holder, Fuse Bolt Down 32V 200A	NA330570R - ZZ222222R	1
* /	F3	288238	Fuse, Auto 80A 32Vdc Auto Link	NA330570R - ZZ222222R	1

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Wiring Harnesses

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		259189	Harness, Air Compressor Air Pak MH260921R - NA330569R	1
/		288377	Harness, Air Compressor Air Pak NA330570R - ZZ222222R	1
/	S10	206624	Switch, Tgl Sptt 6A 125 Vac (On)-On-(On) Spd Term	1
/	C10/D10	189701	Diode/Capacitor Board	1
/	CB15	083432	Supplementary Pro, Man Reset 1P 10A 250 Vac Frict	1
/	CR10	113247	Relay, Encl 12 Vdc Dpdt 20A/120 Vac 8Pin Flange Mtg	1
/	Mid	129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1
/	Clutch	212116	Conn, Deutsch 2P 1Row Female Plug	1
/	CR11	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg NA330570R - ZZ222222R	1
/		148850	Socket, Relay 5 Pin NA330570R - ZZ222222R	1
/		278891	Harness, Weld BB500/600	1
/	PLG9	117037	Conn, Rect Mini 045 2skt 2row Plug Cable Lkg	1
/	PLG3	114655	Conn, Rect Mini 045 6skt 2Row Plug Cable Lkg	1
/	PLG5	113752	Conn, Rect Mini 045 10skt 2Row Plug Cable Lkg	1
/	PLG10	113750	Conn, Rect Mini 045 4skt 2Row Plug Cable Lkg	1
/	PLG4	116513	Conn, Rect Mini 045 12skt 2row Plug Cable Lkg	1
/	RC98	135133	Conn, Rect Univ 084 9p/S 3row Rcpt Cable/Panel Lkg	1
/		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1

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Optional Components For Work Truck Configurations (907750001, 907750002, 907752001, 907752002)

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		279787	Panel, Front Engine/Weld w/Cmpnts (600 Models)	1
/		279791	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, .250-20 x .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)	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
/		261874	Label, Weight & Dimensions Ap Rr	1
/		210972	Label, Stop Engine 1 In High Letters Rr	1

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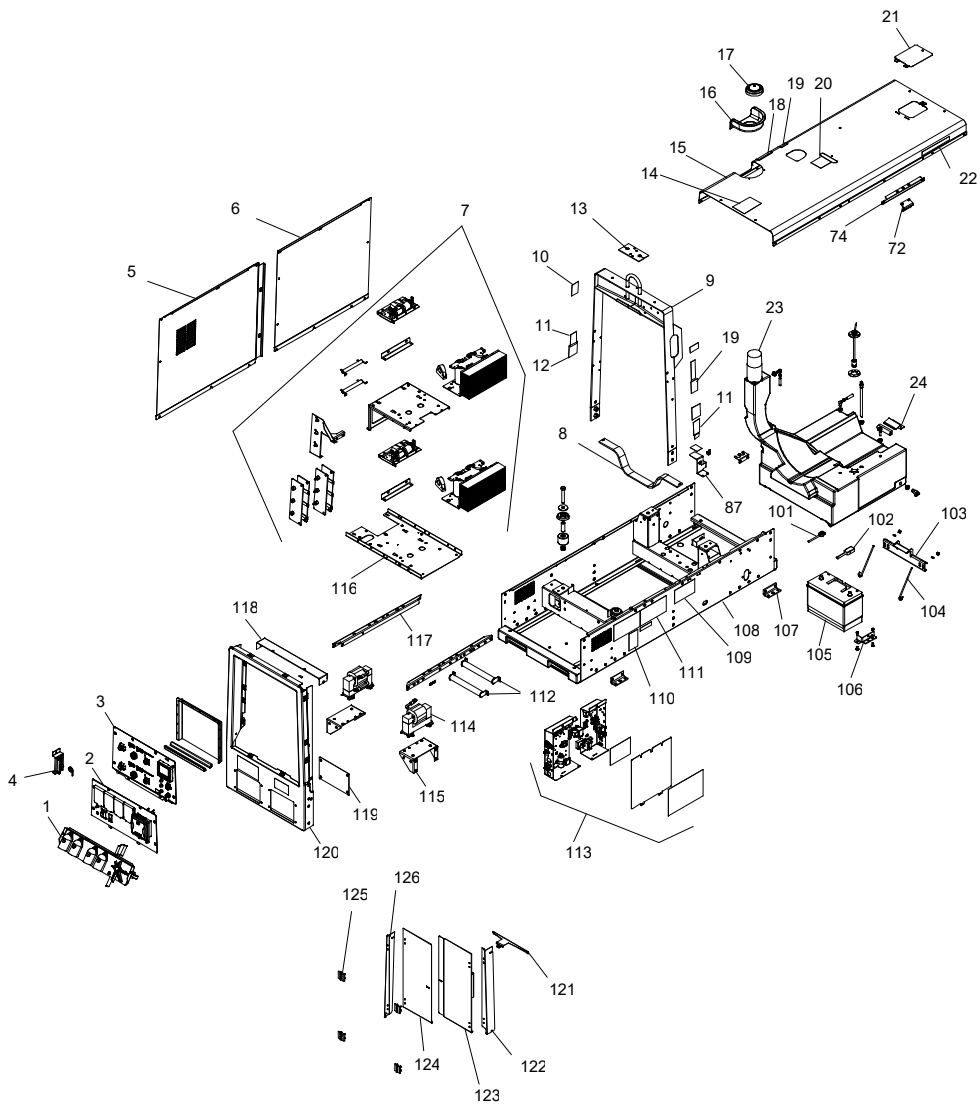
PM- 279640 G

Big Blue 800 Duo Air Pak

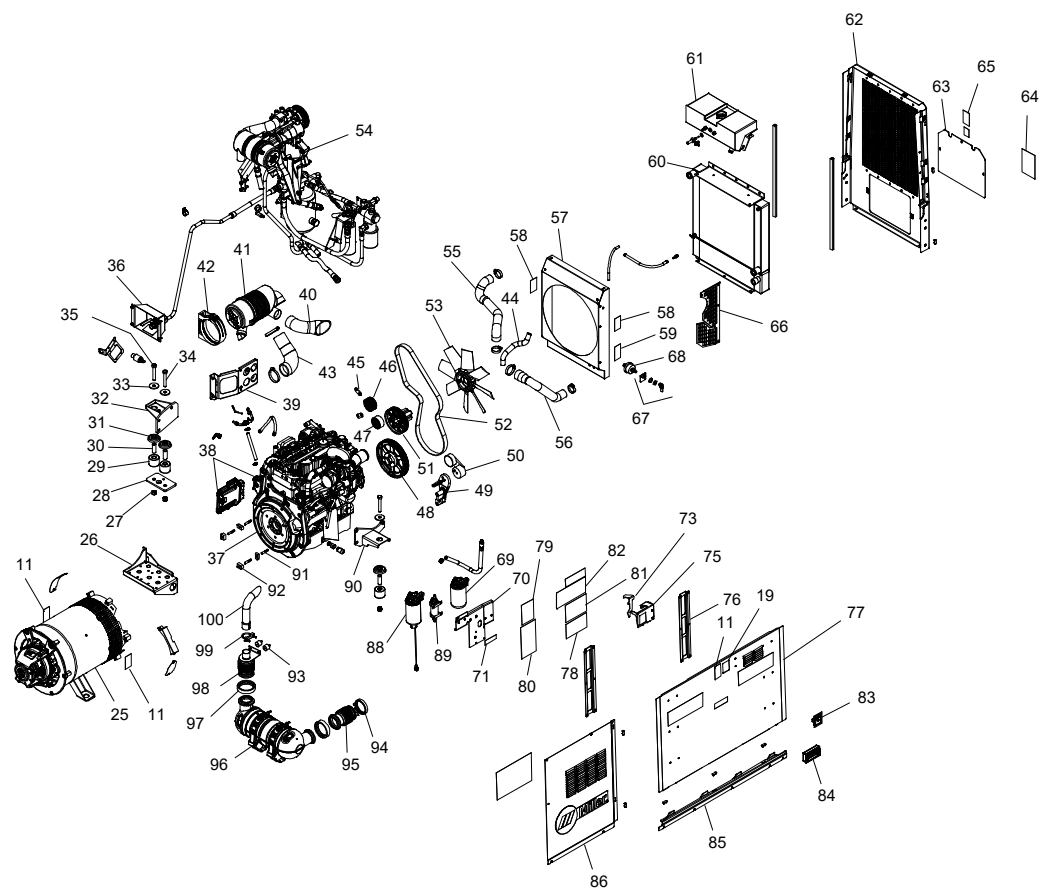
Effective with Serial Number
MH260921R - ZZ222222R



PARTS MANUAL



Main Assembly



Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1			Weld Output Panel (See following for subassembly information)	1
2			Auxiliary Power Panel, North America (See following for subassembly information)	1
3			Front Engine and Weld Controls Panel (See following for subassembly information)	1
4		252195	Bracket, Mtg Strip Term 6 Pole	1
/	TE1	172661	Block, Stud Connection 6 Position	1
5		260581	Panel, Generator Lh (800 Models)	1
6		259533	Panel, Engine Extension Lh	1
7			Weld Output Module (See following for subassembly information)	1
8		218086	Bracket, Holddown Fuel Tank	1
9		+ 255669	Upright, Center Assy	1
10		272333	Label, Warning Hot Parts (En/Fr/Sp-Sym)	1
11		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	5
12		272331	Label, Notice Do Not Spray Water (En/Fr/Sp-Sym)	2
13		189464	Seal, Weather Lift Eye	1
14		272340	Label, Danger Using Generator Indoor (En/Fr/Sp-Sym)	1
15		+ 259206	Cover, Top MH260921R - NA230714R	1
15		+ 287554	Cover, Top NA230715R - ZZ222222R	1
/		024103	Blank, Snap-In Nyl .750 Mtg Hole Black NA230715R - ZZ222222R	2
16		189052	Grommet, Plastic Neck Filler Fuel	1
17		254678	Cap, Tank Screw-on 3.500 In w/Vent w/Lanyard 8 In	1
18		227728	Label, Warning Use Diesel Fuel Only (Trilingual)	1
19		272333	Label, Warning Hot Parts (En/Fr/Sp-Sym)	3
20		272339	Label, Warning Falling Equipment (En/Fr/Sp-Sym)	1
21		201851	Cover, Radiator Access	1
22		227731	Label, Notice Do Not Use Ether (Trilingual)	1
23		268932	Tank, Fuel	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
/		268931	Ftg, Stand Pipe Hose .500 x 9.538 Lg Str Zinc	2
/		084173	Clamp, Hose .460 - .545 Clp Dia Siftng	2
/		264196	Sender, Fuel Gauge Reed Switch 9in	1
/		189910	Fitting, Stand Pipe Hose .3125 x 9.260 Lg 90 Deg Zinc	1
/		181572	Bushing, Tank Fuel	2
/		189908	Valve, Drain Fuel 180 Deg	1
24		196220	Bracket, Holddown Fuel Tank Rear	1
25		+ Generator	(See following for subassembly information)	1
26		258901	Bracket, Mtg Doc	1
27		135205	Nut, .625-11 .94 Hex .77H Stl Pld Elastic Stop Nut	5
28		259690	Plate w/Spacer, Support Engine	1
29		083476	Mount, Eng/Gen Nprn .875 Id x 2.500 Od x 2.000 60 Dur	5
30		071730	Tubing, Stl .875 Od x 12Ga Wall x 2.500	5
31		071890	Retainer, Mount Eng/Gen	5

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Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
32		259687	Bracket, Mtg Engine Lh Hd	1
33		071731	Washer, Flat .656 Id x 2.250 Od x .187T Stl Pld	5
34		199849	Screw, .625-11 x 4.00 Hex Hd-pln Gr5 Pld	4
35		260103	Screw, .625-11 x 1.75 Flatd-Soc Stl	1
36		206606	Box, Valve Ball	1
37		265233	Adapter, Engine Deutz 2.9l	1
38		256692	Engine, Deutz Dsl Elec 8556 Td 2.9l 4	1
/		067265	Oil Filter	1
/		199507	Hose, Oil Drain Assy 20 In	1
/		165271	Valve, Oil Drain 3/8-18Nptf	1
/		176529	Fitting, Hose Brs Barbed Fem 1/2Tbg x 3/8 Npt	1
/		113854	Hose, Sae .500 Id x .780 Od Xcoil	2
/		176528	Fitting, Hose Brs Barbed Elbow Fem 1/2 Tbg x 1/2 Npt	1
/		173336	Fitting, Adapter Oil Drain	1
/			Washer, Oil Drain (Available Through Engine Manufacturer)	1
/		259883	Heater, Block Engine 120V 530W	1
39		254730	Bracket, Mtg Air Cleaner	1
40		259354	Hose, Air Pickup	1
41		255768	Air Cleaner, Intake (Engine)	1
* /		192938	Filter, Air Element Primary	1
/		~ 192939	Filter, Air Element Safety	1
42		189763	Bracket, Mtg Air Cleaner	1
43		254977	Hose, Air Cleaner	1
44		260285	Hose, Rbr .875 Id (Water Pump To Expansion Tank)	1
45		255770	Bracket, Mtg Alternator To Compressor Bkt	2
46		253942	Pulley, Alternator	1
47		253963	Pulley, Idler 76mm Od 17mm Id 33mm W	1
48		253941	Pulley, Crankshaft	1
49		258014	Bracket, Mtg Tensioner	1
50		253958	Tensioner, Auto Belt	1
51		253940	Pulley, Water Pump	1
* 52		253944	Belt, Micro-v 8 Rib (Air Pak Models)	1
53		207203	Fan, Engine Cooling 18.000 8 Blade Suction	1
54		Air Compressor	(See following for subassembly information)	1
55		255666	Hose, Radiator Upper Deutz	1
56		255667	Hose, Radiator Lower Deutz	1
57		+ 259649	Shroud, Fan	1
58		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	2
59		272498	Label, Notice Compressor Oil Fill (En/Fr-Sym)	1
60		259648	Radiator/Oil Cooler 3 Row Core 1.500 In/Outlet (US)	1
61		255549	Tank, Radiator Expansion	1
/		261866	Sensor, Coolant Level Monitor	1
/		243038	Washer, Seal Oil Cu .560 Id x .840 Od x .042 T	1

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Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		173818	Ftg, Hose Brs Barbed Elbow M 1/4 Tbg x 1/4 Npt	1
62		254275	Upright, Rear Radiator	1
/		260226	Extrusion, Rubber w/Adhesive .750 x .750 x 27.000	2
63	+	201183	Cover, Battery Access	1
64		272341	Label, Warning Battery Explosion (En/Fr/Sp-Sym)	1
65		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	1
66		255756	Guard, Fan Rh	1
67		209612	Lever, Switch Lockout Disconnect Switch	1
68		209611	Switch, Disc Battery 2p 6-36 Volts	MH260921R - MK300717R 1
68		285589	Switch, Battery Disconnect 2p 6-36V	MK300718R - ZZ222222R 1
* 69		255765	Filter, Fuel Secondary	1
70	+	259335	Bracket, Mtg Fuel Filters/Pump	1
71		272555	Label, Notice Drain Water From Fuel Filter (En/Fr)	1
72		190992	Keeper, Latch Engine Access Door	1
73		209093	Bracket, Safety Latch	1
74		206604	Channel, Stiffener Engine Access	1
75		209092	Bracket, Mtg Safety Latch	1
76		209090	Bracket, Stiffener Panel	2
77	+	259532	Panel, Engine Access Lift Off	1
78		260658	Label, Maintenance Air Compressor	1
79		278415	Label, Help Codes	1
80		278439	Label, Fuel/Hour/Engine Shutdown	2
81		209059	Schematic, Air System (Big Blue Air Pak)	(Not Shown) 1
82		260007	Engine Maintenance Label	1
83		209667	Latch, Paddle w/Lock	1
84		210681	Handle, Pocket Pull Door Access	1
85		259402	Panel, Rocker Short	1
86		275615	Panel, Generator RH (600 Models)	1
87		260961	Bracket, Mtg Switch	1
* 88		255764	Filter, Fuel Pre	1
89		255767	Pump, Fuel	1
90		253934	Bracket Assy, Mtg Engine Rh	1
91		259997	Stud, Stl M10-1.5 x 52mm Gr8.8	4
92		259855	Block, Mtg Rotor	4
93		256251	Mount, Vibration	2
94			Clamp, V Band (Order from engine manufacturer)	1
95		254724	Pipe, Exhaust Bellows Flex	1
96			DOC (Order from engine manufacturer)	1
97			Clamp, V Band (2 Sets) (Order from engine manufacturer)	2
98		261816	Reducer, Exhaust Flex 3 In Marmon To 1-7/8 St	1
99		010875	Clamp, Muffler 2.000 Dia U Pld	1
100		105734	Pipe, Muffler Extension Elbow 1.750 Od	1
101		190206	Cable, Bat Neg 42.000 No 1 Awg w/Clamp & .400 Rng	1

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Main Assembly

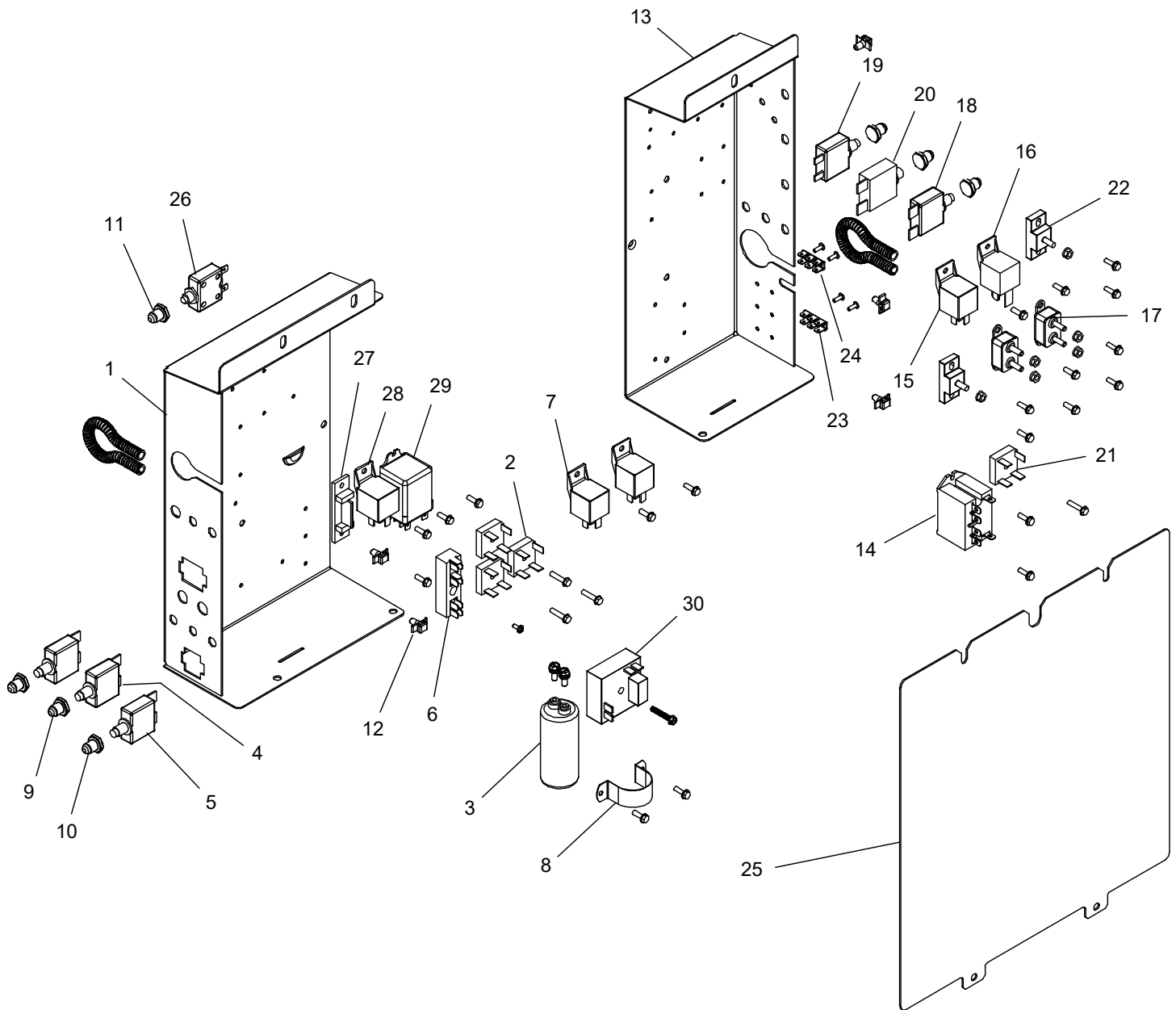
Item No.	Dia. Mkgs.	Part No.	Description	Qty
102		264019	Cable, Bat Pos 24" No 1 Awg/8Ga Aux w/Clamp & .400	1
103		266385	Bracket, Battery Holddown	1
104		201006	Bolt, J Stl .312-18 x 8.500 Pld	2
/		208041	Spacer, Stl .323 Id x .625 Od x .141 Thk	2
* 105			Battery, Stor 12V 925 Crk 195 Rsv Gp 31 Maint Free	1
106		264924	Bracket, Battery Locator Adj	1
107		191897	Bracket, Mtg Unit	4
108		+ 269943	Base	1
109		272342	Label, Warning Do Not Weld On Base (En/Fr/Sp-Sym)	2
110			Label, Rating Card (Order By Model & Serial No.)	1
111		272343	Label, Warning General Precautionary (En/Fr/Sp-Sym)	2
112	R3,R8	189699	Resistor, WW Tap 375 W 10 Ohm w/Mtg Bkt	2
113		Control Box Assembly (See following for subassembly information)		1
114	Z1,Z21	249772	Stabilizer	2
115		248940	Bracket, Mtg Stabilizer	2
/	CT1	105370	Xfmr, Current	1
116		256487	Pan, Vault & Capacitors	1
117		206352	Brace, Front To Center Upright	2
118		191448	Cover, Top Front Upright	1
119		207096	Cover, Box Front Upright	1
120		254117	Upright, Front	1
121		259266	Tab, Lockout	1
122		265250	Mount, Access RH	1
123		259268	Door, Access RH w/Om Pocket	1
124		259265	Door, Access Lh	1
125		189975	Hinge, Door Access 180 Deg	4
126		265249	Mount, Access LH	1
/		282178	Label, Warning Breathing Diesel Engine Exhaust	1
* /		276418	USB Flash Drive	1
* /		262459	Kit, Filters Deutz (2.914) Engine	1
/		283584	Kit, Label (800 Duo Air Pak Models)	1
/		281312	Kit, Service Fuel Fitting Install	
/		290339	Kit, Service Control Board	1

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Control Box Assembly

Control Box Assembly

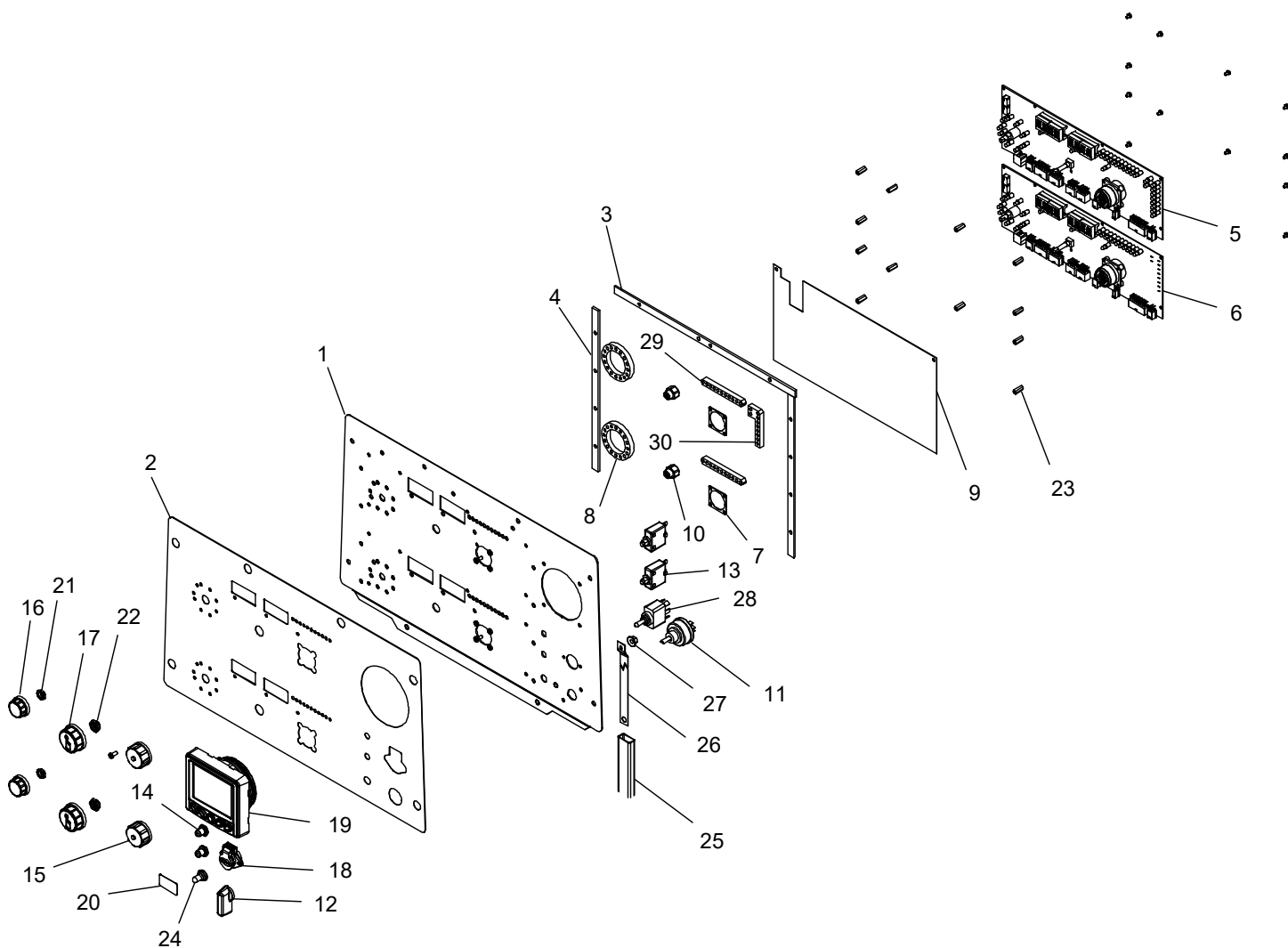
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		258577	Control Box, Lh	1
2	SR1-2, SR4	035704	Rectifier, Integ Bridge 40. Amp 800V	3
3	C6	087110	Capacitor, Elctlt 240 uF 200 Vdc Can 1.39 Di	1
4	CB3-CB4	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	2
5	CB14	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	1
/		402132	↓ Kit, Fuse Holder BB500-800	1
* /	F1-F2	085874	→ Fuse, Mintr Cer Slo-Blo 10. Amp 250 Volt	2
6	TE2	190210	Block, Term 5-3-3	1
7	CR4,CR24	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg	2
/	CR7	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg NA230715R - ZZ222222R	1
8		177136	Clamp, Capacitor 1.375 Dia	1
9		190323	Boot, Circuit Breaker Clear Hex Nut	5
10		190323	Boot, Circuit Breaker Clear Hex Nut	1
11		190323	Boot, Circuit Breaker Clear Hex Nut	1
12		204737	Cable Tie Mount, Winged Push	5
13		258576	Control Box, Rh	1
14	CR5	223710	Relay, Encl 12 Vdc Dpst-No 25A 6Pin Flange	1
15	CR3	258445	Relay, Encl 12 Vdc Spdt 50A/14 Vdc w/Diode 5pin	1
16	CR8	258446	Relay, Encl 12 Vdc Spst 70A/14 Vdc w/Diode 4pin	1
17	CB10,CB13	190374	Circuit Breaker, Auto Reset 12 Vdc 40 Amp	2
18	CB2	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	1
19	CB11	093997	Supplementary Protector, Man Reset 1p 30A 250 Vac	1
20	CB12	093996	Supplementary Pro, Man Reset 1P 20A 250 Vac Frict	1
21	SR5	035704	Rectifier, Integ Bridge 40. Amp 800V	1
22	TE3-TE4	072253	Stud, Connection Single 10-32 x .500 x 1.250 Mtg	2
23		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1
24		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1
25		258582	Cover, Control Box	1
26		083432	Supplementary Pro, Man Reset 1P 10A 250 Vac Frict	1
27		189701	Diode/Capacitor Board	1
28		~ 090104	Relay, Encl 12 Vdc Spst 30A/15 Vdc 5Pin Flange Mtg	1
29		113247	Relay, Encl 12 Vdc Dpdt 20A/120 Vac 8Pin Flange Mtg	1
30		~ 268474	Relay, Delay Fix 12VDC Spst (N.O.) 10A 30Sec (Air Dryer Only)	1

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Front Engine and Weld Controls Panel

Front Engine and Weld Controls Panel

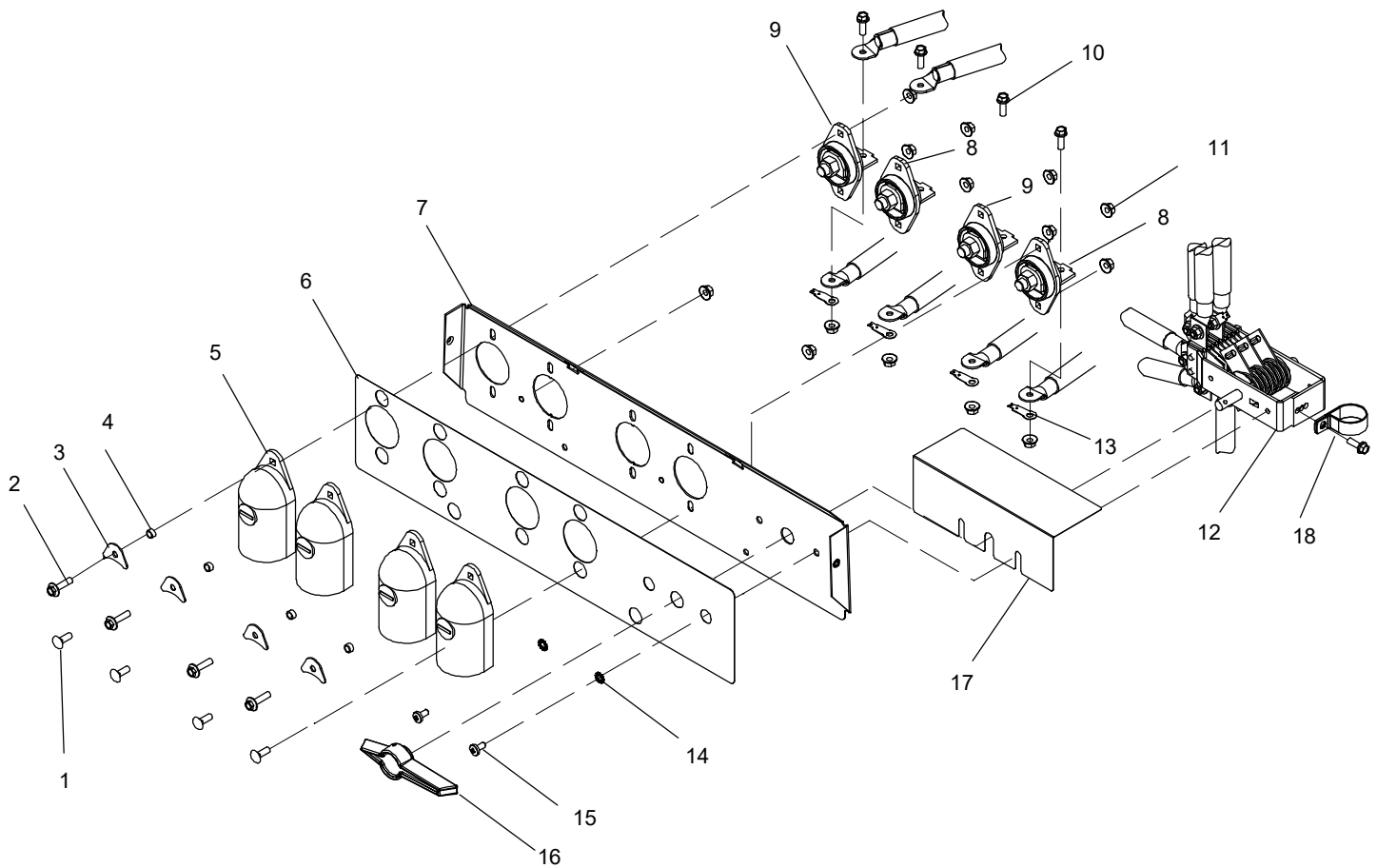
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		275689	Panel, Engine/Weld Control	1
2			Label, Nameplate (Order by Model and Serial No.)	1
3		277517	Gasket, Control Board Cover Top	1
4		276583	Seal, Control Board Cover	2
5	PC1	290339	Kit, Service Control Board	1
6	PC21	290821	Kit, Service Control Board (B Side Replacement)	1
7		277524	Gasket, 14 Pin Receptacle	2
8		278559	Foam, LED Process Select	2
9		279297	Baffle, Lead Protection	1
10		278485	Assy, Encoder Nut w/O-Ring	2
11		217680	Switch, Ignition 4 Position w/Out Handle	1
/		201244	Washer, Tooth .728 Id x 1.166 Od x .050T Stl Pld Int .688	1
12		207073	Lever, Ignition Switch	1
13	CB9,CB29	083432	Supplementary Pro, Man Reset 1P 10A 250 Vac Frict	2
14		190323	Boot, Circuit Breaker Clear Hex Nut	2
15		170391	Conn, Circ Ms Protective Cap Size 20 Nylon	2
16		245663	Knob, Encoder 1.250 Dia x .250 Id Push On w/Spring	2
17		276230	Knob, Encod 1.67 D x 6mm Id Push On w/Spring/Print	2
18		276484	Harness, Front Panel USB	1
19		256689	Display, LCD Alphanumeric Engine (Deutz)	1
/		242579	Screw, K40 x 10 Pan Hd-Phi Stl Pld Pt	8
20		270453	Label, Warning Read Owner's Manual Wordless	1
/		215000	Screw, 006-32 x .18 Hex Hd-Slt Stl Pld	12
21		231468	Nut, .375-32 .56 Hex .22h Brs Conical Knurl	2
22		231469	Nut, .500-28 .69 Hex .28h Brs Conical Knurl	2
23		190512	Stand-off, No 6-32 x .640 Lg .250 Hex Al Fem	12
24		021385	Boot, Toggle Switch Lever	1
25		086288	Tubing, GI Acryl .750 - .786 Id Spool Yel Fa1	0.75
26		279479	Strap, Grounding 15.12 In Long	1
27		152461	Nut, .250-20 .44Hex .23H Stl Pld Sem Cone Wshr .65D	1
28		206624	Switch, Tgl Sptt 6A 125 Vac (On)-On-(On) Spd Term	1
29		278563	Foam, LED Dig	2
30		278564	Foam, LED Fuel And Service	1
/		280214	Spring, Wave (Stainless Steel)	2

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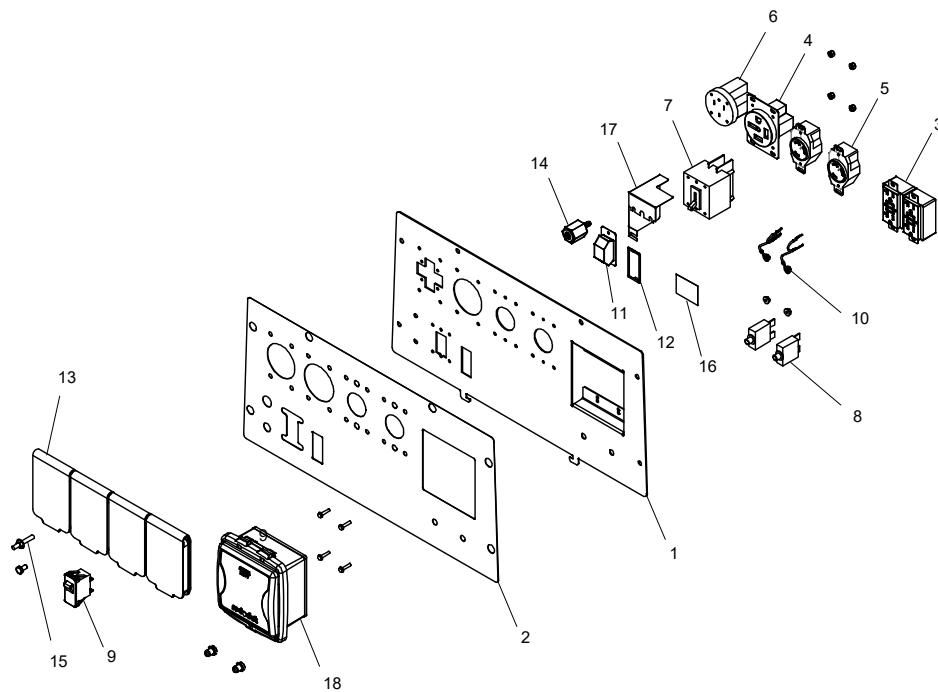
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Weld Output Panel

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		005107	Bolt, Crg Stl .250-20 x .750 Gr5 Pld	4
2		108941	Screw, .250-20 x 1.00 Hexwhd.61d Gr5 Pld	4
3		180735	Washer, Output Stud	4
4		181169	Spacer, Output Stud	4
5		186621	Boot, Generic Output Stud	4
6		258836	Label, Output Panel w/Parallel Airpak	1
7		258685	Panel, Mtg Terminal Power Output	1
8		241433	Terminal, Pwr Output Black	2
9		241432	Terminal, Pwr Output Red	2
10		108940	Screw, .250-20 x .75 Hexwhd.61d Gr5 Pld	4
11		152461	Nut, .250-20 .44Hex .23H Stl Pld Sem Cone Wshr .65D	14
12	S3	259356	Switch, Paralleling w/Leads	1
13		010381	Connector, Rectifier	4
14		602208	Washer, Tooth .256 Id x 0.510 Od x .028T Stl Pld Ext .250 A	2
15		189445	Screw, .250-20x .50 Pan Hd-Phl Stl Pld	2
16		230339	Switch Handle w/Pin	1
17		269892	Guard, Polarity Switch	1
18		127854	Clamp, Stl Cush 1.312 Dia x .343 Mtg Hole	1

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Auxiliary Power Panel, North America

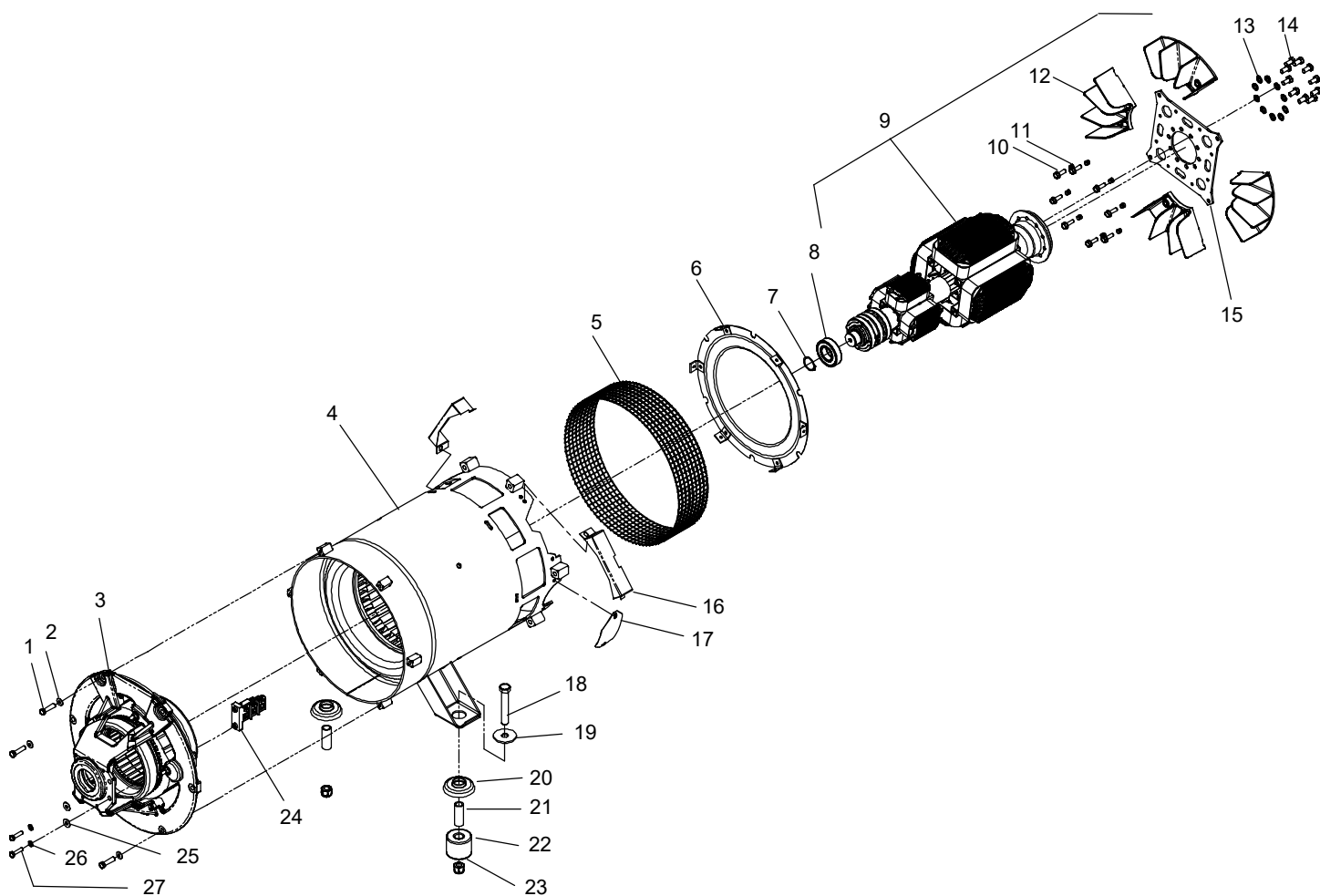
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		271859	Panel, Aux Power	1
2		271858	Label, Aux Power w/In Use Cover (Bw)	1
* 3	GFCI1-GFCI2	280236	Receptacle, Gfci 15/20A	2
4	RC4	254094	Rcpt, Str 3p4w 50A 250V Flush Mtg	1
5	RC1-RC2	147632	Rcpt, Tw Lk Grd 2p3W 30A 250V *L6-30r	2
6	RC5	182954	Rcpt, Str 3p4w 50A 125/250V Flush Mtg 14-50	1
7	CB1	214926	Supplementary Protector, Man Reset 3p 50A 250 Vac	1
8	CB7-CB8	093996	Supplementary Pro, Man Reset 1P 20A 250 Vac Frict	2
9	CB6	201083	Supplementary Protector, Man Reset 2p 20A 250 Vac	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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Generator

Generator

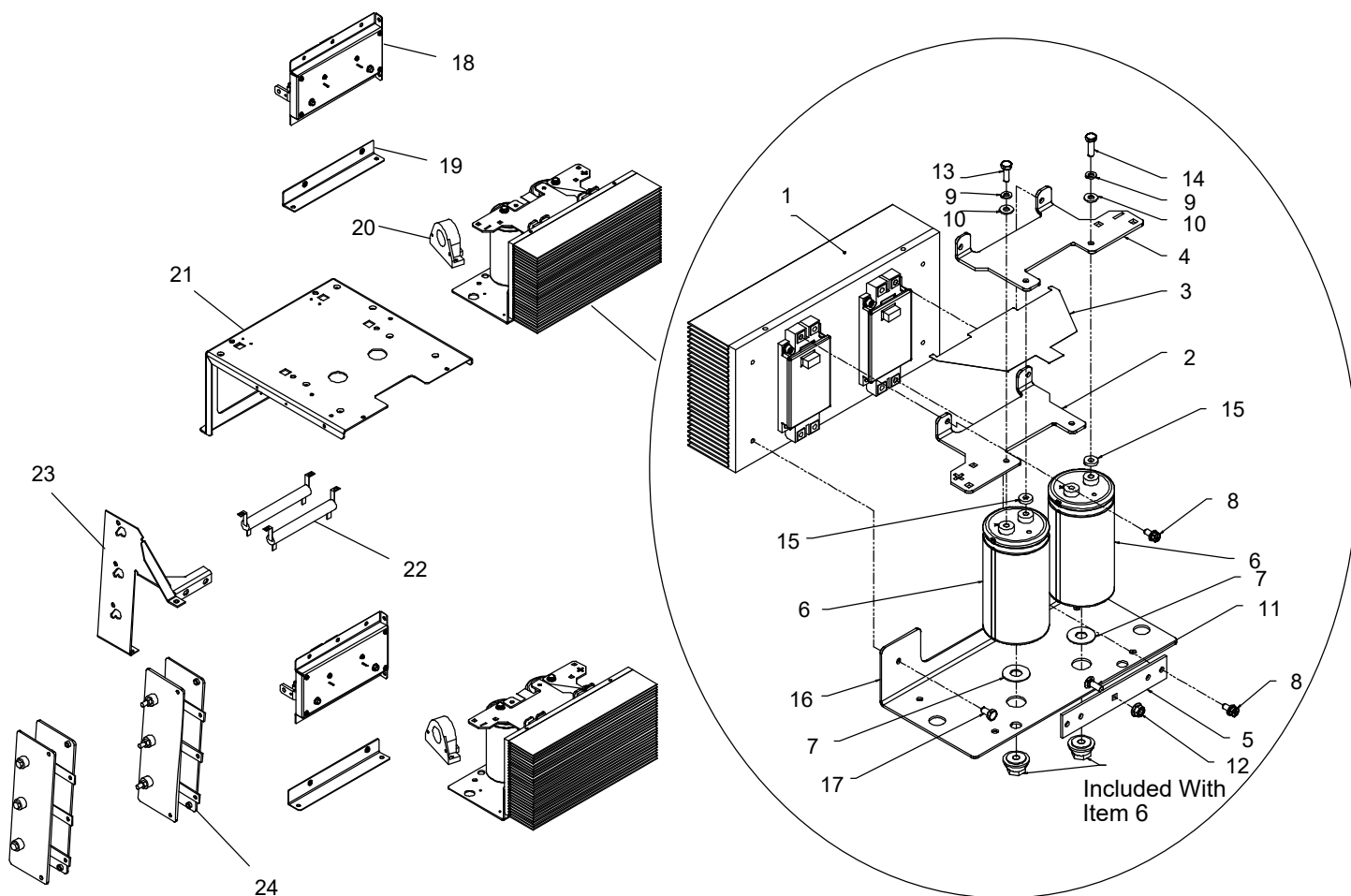
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		132053	Screw, .375-16 x 1.50 Hex Hd-Pln Gr5 Pld Blk	6
2		183387	Washer, Cone .380 Id x .860 Od x .109T Stl Pld 4000 Lbs	6
3		278733	↓ Endbell w/Exciter Stator	1
/		257974	→↓Kit, Endbell w/O-ring	
/		203635	→→Endbell, Gen	1
/		143220	→→O-Ring, 2.859 Id x .139 Cs 70 Duro Viton	1
/		278735	→Stator, Exciter/Aux Power	1
/		604538	→Washer, Flat .344 Id x 0.688 Od x .065T Stl Pld Ansi .312	4
/		172684	→Nut, .312-18 .50 Hex .27H Stl Pld Sem Cone Wshr .76D	4
/		604537	Nut, .312-18 .50Hex .28h Stl Pld	4
/		604538	Washer, Flat .344 Id x 0.688 Od x .065T Stl Pld Ansi .312	4
/		261463	Screw, .312-18 x 4.50 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
/		172555	Screw, M10-1.5 x 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, .312-18 x 1.00 Hexwhd .66D Stl Pld Slffmg Tap-Rw	8
11		083883	Washer, Lock .402 Id x 0.709 Od x .087T Stl Pln Split 10mm	8
12		206242	Fan, Rotor Segmented Assy Gen	4
13		083883	Washer, Lock .402 Id x 0.709 Od x .087T Stl Pln Split 10mm	10
14		049026	Screw, M10-1.5 x 25 Hex Hd-Pln 8.8 Pln	10
15		210332	Plate, Flex Hubmount	1
16		191577	Guard, Starter Deutz	2
17		191579	Cover, Starter Hole Perkins/Continental	1
/		199849	Screw, .625-11 x 4.00 Hex Hd-pln Gr5 Pld	3
18		071731	Washer, Flat .656 Id x 2.250 Od x .187T Stl Pld	2
19		071890	Retainer, Mount Eng/Gen	2
20		071730	Tubing, Stl .875 Od x 12Ga Wall x 2.500	2
21		083476	Mount, Eng/Gen Nprn .875 Id x 2.500 Od x 2.000 60 Dur	2
22		135205	Nut, .625-11 .94 Hex .77H Stl Pld Elastic Stop Nut	2
23		602159	Screw, .312-18 x .75 Hexwhd .66D Stl Pld Slffmg Tap-Rw	6
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 .375 Id x 0.875 Od x .083T Stl Pld Blk	2
26		602211	Washer, Lock .318 Id x 0.586 Od x .078T Stl Pld Split .312	2
27		604534	Screw, .312-18 x 1.25 Hex Hd-Pln Gr5 Pld	2

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Weld Output Module

Weld Output Module

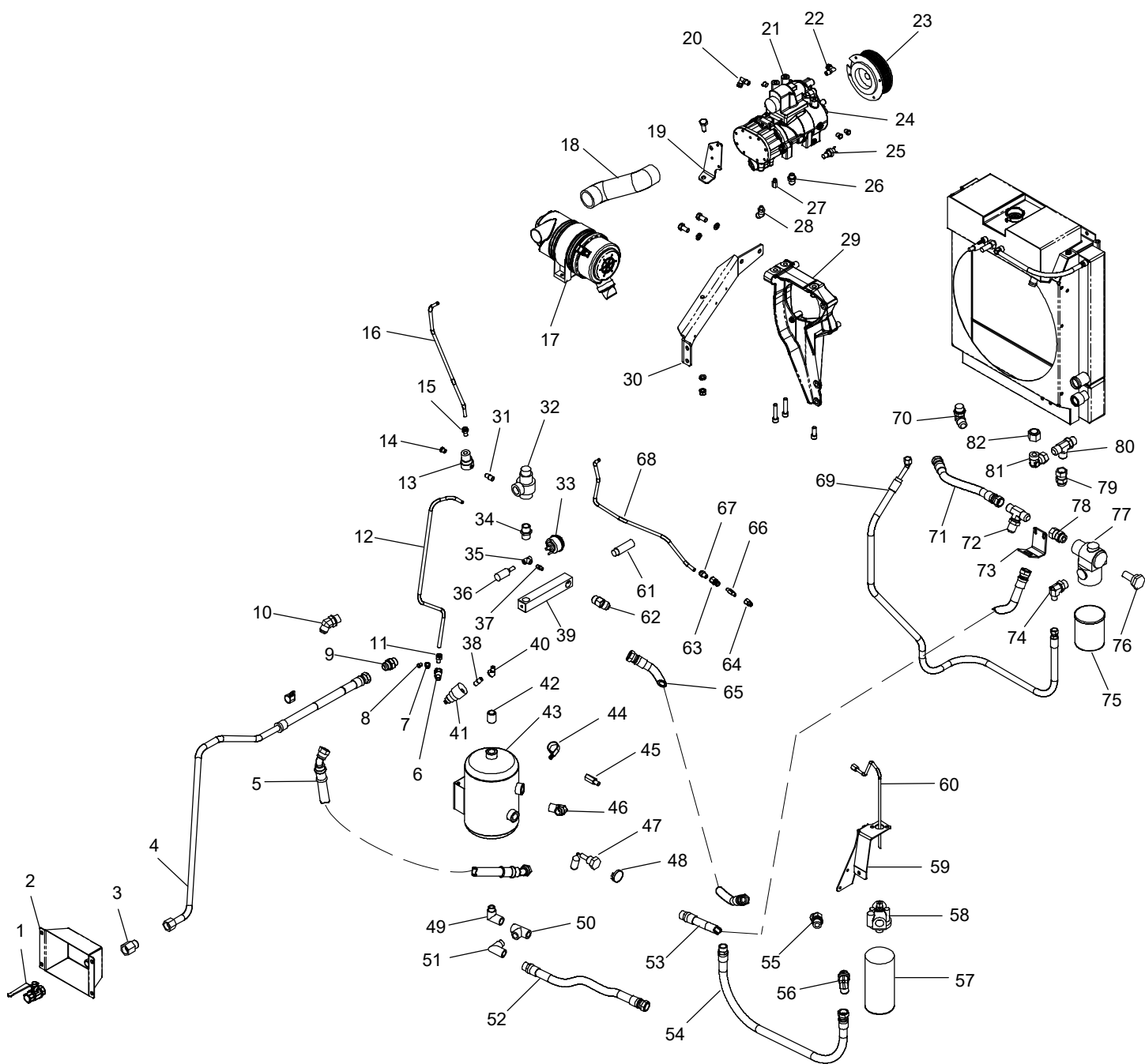
Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		278886	Module, IGBT Weld Output	2
1		278884	Heat Sink Assy, IGBT	1
2		250350	Bus Bar, Positive	1
3		250323	Insulator, Bus Bar	1
4		250348	Bus Bar, Negative	1
5		245378	Bus Bar, AC	1
6	C3	246841	Capacitor, Elctlt 35000 uF 100 Vdc Can 3.00 Dia	2
7		239547	Washer, Flat Nylon .516 Id x 1.250 Od x .062 Thk	2
8		202853	Screw, M6-1.0x 14 Hex Hd-Phl Stl Pld Sems	8
9		602207	Washer, Lock .255 Id x 0.489 Od x .062T Stl Pld Split .250	4
10		227186	Washer, Flat .254 Id x 0.468 Od x .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, 250-28 x .75 Hex Hd-Pln Stl Gr5 Pld Zinc Blk	2
14		223040	Screw, 250-28 x .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, .250-20 x .50 Hexwhd .50D Stl Pld Slffmg Tap-Rw	2
18		269559	Circuit Card Assy, Wcc Filter Network Potted	2
19		279485	Bracket, Mtg Wcc Filter Network Potted Assy	2
20	HD1,HD21	168829	Transducer, Current 1000A Module Max Open Loop	2
21		256489	Bracket, Support Vault	1
22	R10,R210	188067	Resistor, WW Fxd 100 W 200 Ohm w/Clips	2
23		259039	Bracket, Rectifier	1
24		279872	Rectifier, Si 3Ph 300 Amp 600 Piv	2

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Air Compressor

Air Compressor

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		233721	Valve, Ball	1
2		206606	Box, Valve Ball	1
3		210523	Ftg, Fird Stl Tube End/Female Pipe End 3/4	1
4		209635	Hose, Tubing Oil Assy w/Fittings 42.360 Lg	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
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
/		210016	Gasket, Unloader Valve	
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 12 Vdc w/8 Groove Pulley	1
24		210001	Airend, Gear-driven w/Tapered Input Shaft	1
/		258419	Kit, Compressor Front Seal	
25		206742	Switch, High Air Temperature 248f Nc	1
26		296726	Switch, Pressure, NC 20PSI 1/8 NPT	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	MH260921R - MJ330070R 1
29		281512	Bracket, Mtg Compressor	MJ330071R - ZZ222222R 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

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Air Compressor

Item No.	Dia. Mkgs.	Part No.	Description	Qty
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 Schedule 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 x 1/4-20 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
68		263516	Hose, Nylon White 1/4 Id x 3/8 Od x 33 Lg	1
69		258630	Hose, Tubing Oil Assy w/Fittings 42.500 Lg	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 Orfs	1

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Air Compressor

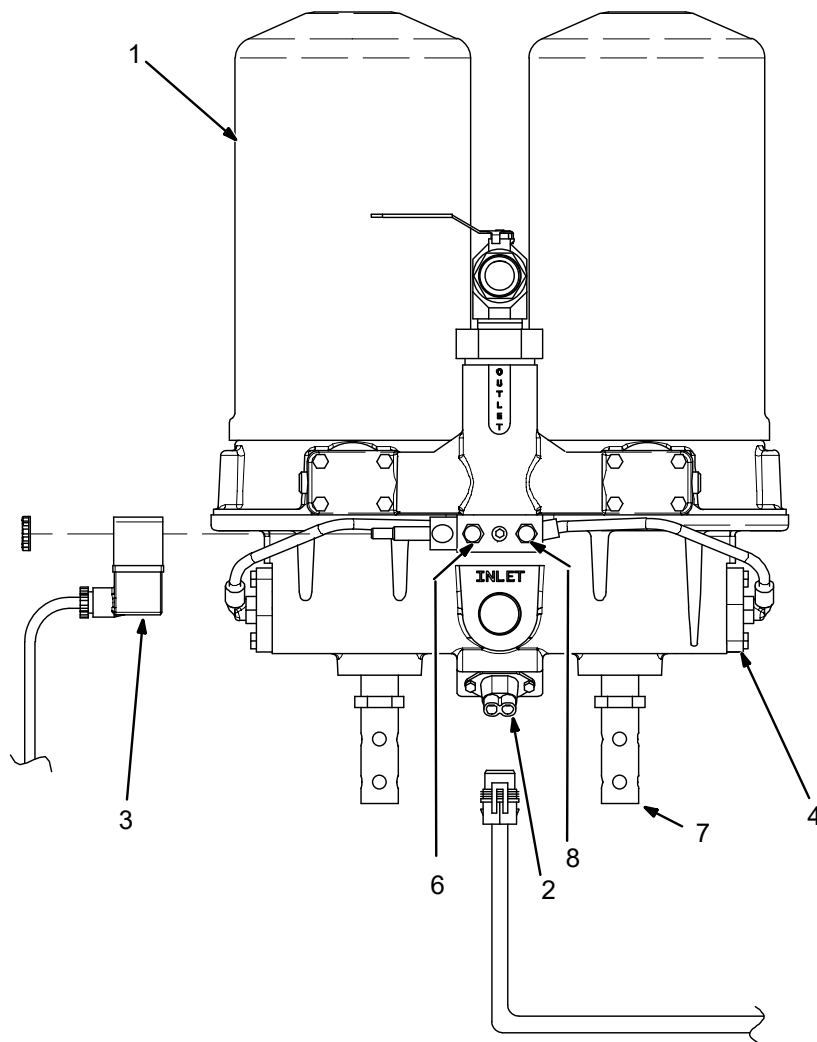
Item No.	Dia. Mkgs.	Part No.	Description	Qty
* /		279121	Filter Kit, Ingersoll Rand (Ce55 G1)	1

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Optional Air Dryer Assemblies

Item No.	Dia. Mkgs.	Part No.	Description	Qty
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
/		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) 12V	1
/		264669	Harness, Air Dryer T2000	1
/		271044	Cover, Battery Access Air Dryer Rear Assy	1
/		213132	Hose, Tubing Oil Assy	1
/		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	1
/		272341	Label, Warning Battery Explosion (En/Fr/Sp-Sym)	1
/		272335	Label, Notice Do Not Disconnect Battery (En/Fr/Sp-Sym)	1
/		213132	Hose, Tubing Oil Assy	1
/		209768	Ftg, Flrd Stl Conn M 3/4 Npt-Jic	1
/		244259	Bolt, Lag Stl 500 x 3000 Pld	4
/		602247	Washer, Flat .531 Id x 1.062 Od x 0.95T Stl Pld Ansi .500	4
/		602154	Screw, .250-20 x .50 Hexwhd .50D Stl Pld Slffmg Tap-Rw	2

when ordering parts from your local distributor.

Optional Components For Wireless Interface Control

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		286598	Kit, Remote Module/Fob	1
/		286602	Module, Fob Radio Receiver	1
/		286599	Module, Radio Receiver	1
/		286600	Module, Antenna Radio Receiver	1
/		287593	Bracket, WIC Receiver	1
/		288362	Harness, Wrg Remote	1
/		288367	Lead Assy, Twisted Pair	1
/		288382	Lead Assy, Elect w/Resistor	1
/		288383	Lead Assy, Elect	1
/	PLG411	177559	Conn, Body 5 Terminal	1
/	PLG7,PLG27	285708	Conn, Rect Mx120G 12Pin 2row Rcpt	2
/	PLG64	158465	Conn, Rect Unit 084 12P/S 3row Plug Cable Lkg	1
/	RC409	286535	Conn, Body 5 Terminal Rcpt	1
/		250930	Alarm, Piezo Slow Pulse 4-16 Vdc 105/100 Db	1
/		287538	Plug, Cavity	9
/		187654	Seal, Wire Univ 12p/S 3row	1
/		286634	Label, Warning Remote Start	1
/		286737	Cable, Charging USB	2
/		286604	Charger, USB	2

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Wiring Harnesses

Item No.	Dia. Mkgs.	Part No.	Description		Qty
/		279503	Harness, Engine Deutz (All Models)	MH260921R - NA330569R	1
/		288336	Cable, Work 10 Ft No 1/0 w/Clamp & Tw Lk	NA330570R - ZZ222222R	1
/		279502	Lead Assy, Elect W/Splices	NA330570R - ZZ222222R	1
/		288408	Lead Assy, Elect w/Splices	NA330570R - ZZ222222R	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
/	PLG14-16	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_4,401_5	258803	Plug, Cavity		83
/	PLG400_5,401_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_2,403_2,405_2,406_2	258720	Plug, Cavity 3.6mm		25
/	PLG402_4	240074	Seal, Plug Single Wire (5mm Hole)		12
/	PLG402_5	258719	Seal, Plug Single Wire		24
/	PLG403,405	258701	Conn, Circ Cpc 4skt Plug Cable Pushin Din72585		2
/	PLG403_1,405_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
/		288236	Holder, Fuse Bolt Down 32V 200A	NA330570R - ZZ222222R	1
* /	F3	288238	Fuse, Auto 80A 32Vdc Auto Link	NA330570R - ZZ222222R	1

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Wiring Harnesses

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		259189	Harness, Air Compressor Air Pak MH260921R - NA230714R	1
/		288377	Harness, Air Compressor Air Pak NA230715R - ZZ222222R	1
/	S10	206624	Switch, Tgl Sptt 6A 125 Vac (On)-On-(On) Spd Term	1
/	C10/D10	189701	Diode/Capacitor Board	1
/	CB15	083432	Supplementary Pro, Man Reset 1P 10A 250 Vac Frict	1
/	CR10	113247	Relay, Encl 12 Vdc Dpdt 20A/120 Vac 8Pin Flange Mtg	1
/	Mid	129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1
/	Clutch	212116	Conn, Deutsch 2P 1Row Female Plug	1
/	CR11	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg NA230715R - ZZ222222R	1
/		148850	Socket, Relay 5 Pin NA230715R - ZZ222222R	1
/		279497	Harness, Weld (800 Models) MH260921R - NA330569R	1
/		288365	Harness, Weld (800 Models) NA330570R - ZZ222222R	1
/	RC98	135133	Conn, Rect Univ 084 9p/S 3row Rcpt Cable/Panel Lkg	1
/		287721	Lead Assy, Elect NA330570R - ZZ222222R	1
/		288411	Lead Assy Elect NA330570R - ZZ222222R	1
/	RC30	229933	Conn, Rect Univ 039 10p/S 2row Rcpt Cable/Panel Lkg	1
/	PLG3	114655	Conn, Rect Mini 045 6skt 2Row Plug Cable Lkg	1
/	PLG4,PLG24	116513	Conn, Rect Mini 045 12skt 2row Plug Cable Lkg	2
/	PLG5,PLG25	113752	Conn, Rect Mini 045 10skt 2Row Plug Cable Lkg	2
/	PLG6,PLG26	113751	Conn, Rect Mini 045 8skt 2Row Plug Cable Lkg	2
/	PLG9,PLG29	117037	Conn, Rect Mini 045 2skt 2row Plug Cable Lkg	2
/	PLG10,PLG210	113750	Conn, Rect Mini 045 4skt 2Row Plug Cable Lkg	2
/		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1

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Optional Components For Work Truck Configurations (907750001, 907750002, 907752001, 907752002)

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		279788	Panel, Front Engine/Weld w/Cmpnts (800 Models)	1
/		279791	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, .250-20 x .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)	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
/		261874	Label, Weight & Dimensions Ap Rr	1
/		210972	Label, Stop Engine 1 In High Letters Rr	1

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PM- 279640 G

Big Blue 800 Duo Pro

Effective with Serial Number
MH260921R - ZZ222222R



PARTS MANUAL

Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1			Weld Output Panel (See following for subassembly information)	1
2			Auxiliary Power Panel, North America (See following for subassembly information)	1
3			Front Engine and Weld Control Panel (See following for subassembly information)	1
4		252195	Bracket, Mtg Strip Term 6 Pole	1
/	TE1	172661	Block, Stud Connection 6 Position	1
5		260581	Panel, Generator Lh (800 Models)	1
6		259533	Panel, Engine Extension Lh	1
7			Weld Output Module (See following for subassembly information)	1
8		218086	Bracket, Holddown Fuel Tank	1
9		+ 255669	Upright, Center Assy	1
10		272333	Label, Warning Hot Parts (En/Fr/Sp-Sym)	1
11		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	5
12		272331	Label, Notice Do Not Spray Water (En/Fr/Sp-Sym)	2
13		189464	Seal, Weather Lift Eye	1
14		272340	Label, Danger Using Generator Indoor (En/Fr/Sp-Sym)	1
15		+ 259206	Cover, Top MH260921R - NA230714R	1
15		+ 287554	Cover, Top NA230715R - ZZ222222R	1
/		024103	Blank, Snap-In Nyl .750 Mtg Hole Black NA230715R - ZZ222222R	2
16		189052	Grommet, Plastic Neck Filler Fuel	1
17		254678	Cap, Tank Screw-on 3.500 In w/Vent w/Lanyard 8 In	1
18		227728	Label, Warning Use Diesel Fuel Only (Trilingual)	1
19		272333	Label, Warning Hot Parts (En/Fr/Sp-Sym)	3
20		272339	Label, Warning Falling Equipment (En/Fr/Sp-Sym)	1
21		201851	Cover, Radiator Access	1
22		227731	Label, Notice Do Not Use Ether (Trilingual)	1
23		268932	Tank, Fuel	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
/		268931	Ftg, Stand Pipe Hose .500 x 9.538 Lg Str Zinc	2
/		084173	Clamp, Hose .460 - .545 Clp Dia Siftng	2
/		264196	Sender, Fuel Gauge Reed Switch 9in	1
/		189910	Fitting, Stand Pipe Hose .3125 x 9.260 Lg 90 Deg Zinc	1
/		181572	Bushing, Tank Fuel	2
/		189908	Valve, Drain Fuel 180 Deg	1
24		196220	Bracket, Holddown Fuel Tank Rear	1
25		+ Generator	(See following for subassembly information)	1
26		258901	Bracket, Mtg Doc	1
27		135205	Nut, .625-11 .94 Hex .77H Stl Pld Elastic Stop Nut	5
28		259690	Plate w/Spacer, Support Engine	1
29		083476	Mount, Eng/Gen Nprn .875 Id x 2.500 Od x 2.000 60 Dur	5
30		071730	Tubing, Stl .875 Od x 12Ga Wall x 2.500	5
31		071890	Retainer, Mount Eng/Gen	5

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Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
32		259687	Bracket, Mtg Engine Lh Hd	1
33		071731	Washer, Flat .656 Id x 2.250 Od x .187T Stl Pld	5
34		199849	Screw, .625-11 x 4.00 Hex Hd-pln Gr5 Pld	4
35		260103	Screw, .625-11 x 1.75 Flathd-Soc Stl	1
37		265233	Adapter, Engine Deutz 2.9l	1
38		256692	Engine, Deutz Dsl Elec 8556 Td 2.9l 4	1
/		067265	Oil Filter	1
/		199507	Hose, Oil Drain Assy 20 In	1
/		165271	Valve, Oil Drain 3/8-18Nptf	1
/		176529	Fitting, Hose Brs Barbed Fem 1/2Tbg x 3/8 Npt	1
/		113854	Hose, Sae .500 Id x .780 Od Xcoil	2
/		176528	Fitting, Hose Brs Barbed Elbow Fem 1/2 Tbg x 1/2 Npt	1
/		173336	Fitting, Adapter Oil Drain	1
/			Washer, Oil Drain (Available Through Engine Manufacturer)	1
/		259883	Heater, Block Engine 120V 530W	1
39		254730	Bracket, Mtg Air Cleaner	1
40		259354	Hose, Air Pickup	1
41		255768	Air Cleaner, Intake (Engine)	1
* /		192938	Filter, Air Element Primary	1
/		~ 192939	Filter, Air Element Safety	1
42		189763	Bracket, Mtg Air Cleaner	1
43		254977	Hose, Air Cleaner	1
44		260285	Hose, Rbr .875 Id (Water Pump To Expansion Tank)	1
45		255770	Bracket, Mtg Alternator To Compressor Bkt	2
46		253942	Pulley, Alternator	1
47		253963	Pulley, Idler 76mm Od 17mm Id 33mm W	1
48		253941	Pulley, Crankshaft	1
49		258014	Bracket, Mtg Tensioner	1
50		253958	Tensioner, Auto Belt	1
51		253940	Pulley, Water Pump	1
* 52		265120	Belt, V 1/2 x 5/16 x 52 (Big Blue 800 Duo Pro)	1
53		207203	Fan, Engine Cooling 18.000 8 Blade Suction	1
55		255666	Hose, Radiator Upper Deutz	1
56		255667	Hose, Radiator Lower Deutz	1
57		+ 259649	Shroud, Fan	1
58		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	2
59		272498	Label, Notice Compressor Oil Fill (En/Fr-Sym)	1
60		259648	Radiator/Oil Cooler 3 Row Core 1.500 In/Outlet (US)	1
61		255549	Tank, Radiator Expansion	1
/		261866	Sensor, Coolant Level Monitor	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
62		254275	Upright, Rear Radiator	1

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Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		260226	Extrusion, Rubber w/Adhesive .750 x .750 x 27.000	2
63	+	201183	Cover, Battery Access	1
64		272341	Label, Warning Battery Explosion (En/Fr/Sp-Sym)	1
65		272334	Label, Warning Moving Parts (En/Fr/Sp-Sym)	1
66		255756	Guard, Fan Rh	1
67		209612	Lever, Switch Lockout Disconnect Switch	1
68		209611	Switch, Disc Battery 2p 6-36 Volts	MH260921R - MK300719R 1
68		285589	Switch, Battery Disconnect 2p 6-36V	MK300718R - ZZ222222R 1
* 69		255765	Filter, Fuel Secondary	1
70	+	259335	Bracket, Mtg Fuel Filters/Pump	1
71		272555	Label, Notice Drain Water From Fuel Filter (En/Fr)	1
72		190992	Keeper, Latch Engine Access Door	1
73		209093	Bracket, Safety Latch	1
74		206604	Channel, Stiffener Engine Access	1
75		209092	Bracket, Mtg Safety Latch	1
76		262948	Panel, Generator RH	1
77	+	258657	Door, Engine Access Lh	1
79		278415	Label, Help Codes	1
80		278439	Label, Fuel/Hour/Engine Shutdown	2
82		260007	Engine Maintenance Label	1
83		258905	Door, Engine Access Rh	1
84		258906	Panel, Engine Rh	1
85		262502	Latch Assy, Swinghandle Sealed w/Lock & Rods	1
86		189975	Hinge, Door Access 180 Deg	4
87		260961	Bracket, Mtg Switch	1
* 88		255764	Filter, Fuel Pre	1
89		255767	Pump, Fuel	1
90		253934	Bracket Assy, Mtg Engine Rh	1
91		259997	Stud, Stl M10-1.5 x 52mm Gr8.8	4
92		259855	Block, Mtg Rotor	4
93		256251	Mount, Vibration	2
94			Clamp, V Band (Order from engine manufacturer)	1
95		254724	Pipe, Exhaust Bellows Flex	1
96			DOC (Order from engine manufacturer)	1
97			Clamp, V Band (2 Sets) (Order from engine manufacturer)	2
98		261816	Reducer, Exhaust Flex 3 In Marmon To 1-7/8 St	1
99		010875	Clamp, Muffler 2.000 Dia U Pld	1
100		105734	Pipe, Muffler Extension Elbow 1.750 Od	1
101		190206	Cable, Bat Neg 42.000 No 1 Awg w/Clamp & .400 Rng	1
102		264019	Cable, Bat Pos 24" No 1 Awg/8Ga Aux w/Clamp & .400	1
103		266385	Bracket, Battery Holddown	1
104		201006	Bolt, J Stl .312-18 x 8.500 Pld	2
/		208041	Spacer, Stl .323 Id x .625 Od x .141 Thk	2

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Main Assembly

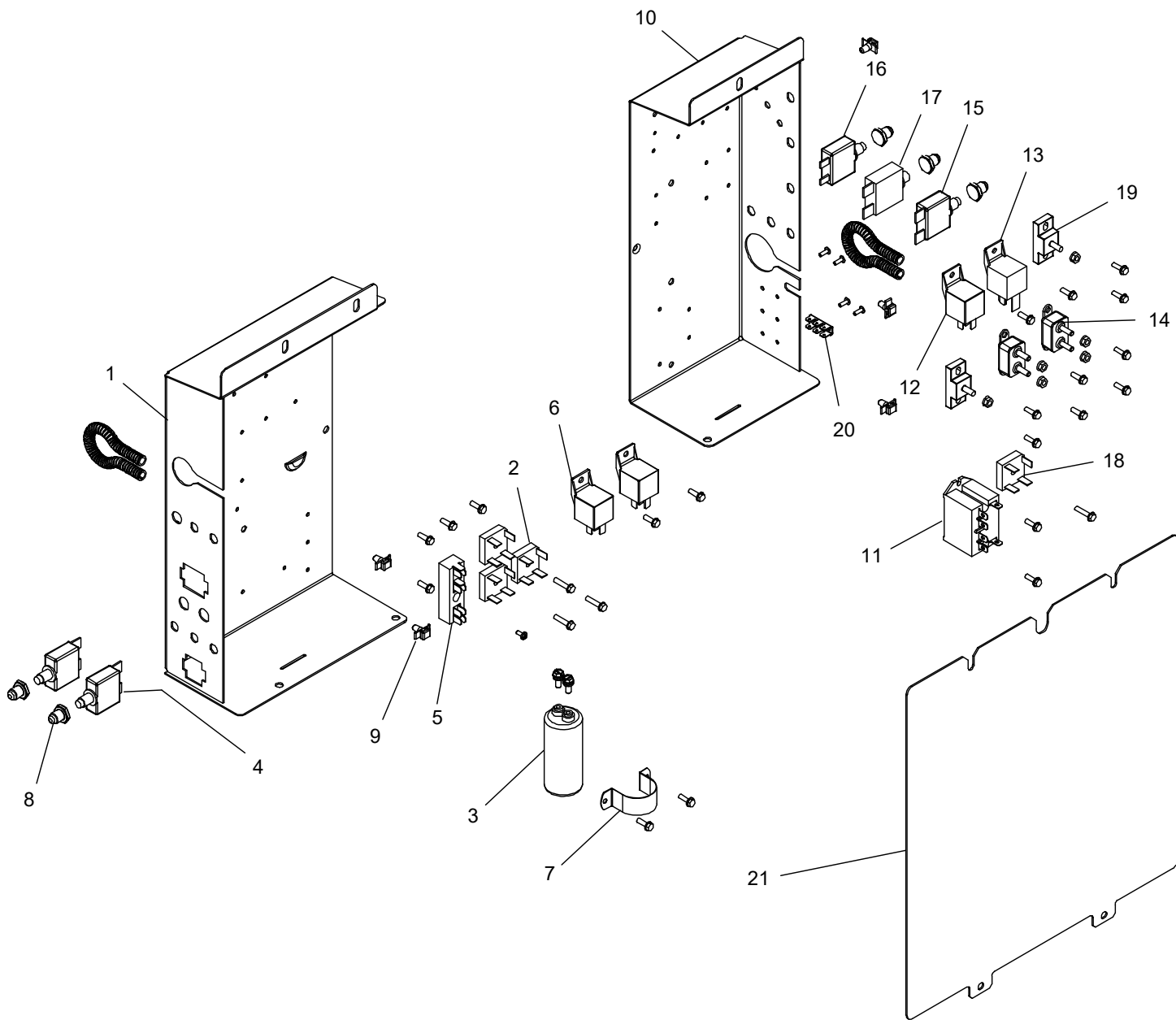
Item No.	Dia. Mkgs.	Part No.	Description	Qty
* 105			Battery, Stor 12V 925 Crk 195 Rsv Gp 31 Maint Free	1
106		264924	Bracket, Battery Locator Adj	1
107		191897	Bracket, Mtg Unit	4
108		+ 269943	Base	1
109		272342	Label, Warning Do Not Weld On Base (En/Fr/Sp-Sym)	2
110			Label, Rating Card (Order By Model & Serial No.)	1
111		272343	Label, Warning General Precautionary (En/Fr/Sp-Sym)	2
112	R3,R8	189699	Resistor, WW Tap 375 W 10 Ohm w/Mtg Bkt	2
113		Control Box Assembly	(See following for subassembly information)	1
114	Z1,Z21	249772	Stabilizer	2
115		248940	Bracket, Mtg Stabilizer	2
/	CT1	105370	Xfmr, Current	1
116		256487	Pan, Vault & Capacitors	1
117		206352	Brace, Front To Center Upright	2
118		191448	Cover, Top Front Upright	1
119		207096	Cover, Box Front Upright	1
120		254117	Upright, Front	1
121		259266	Tab, Lockout	1
122		265250	Mount, Access RH	1
123		259268	Door, Access RH w/Om Pocket	1
124		259265	Door, Access Lh	1
125		189975	Hinge, Door Access 180 Deg	4
126		265249	Mount, Access LH	1
127		191626	Bumper, Door Access Engine	6
128		261785	Bracket, Retainer Rod	1
/		282178	Label, Warning Breathing Diesel Engine Exhaust	1
* /		276418	USB Flash Drive	1
* /		262459	Kit, Filters Deutz (2.9l4) Engine	1
/		283582	Kit, Label (800 Duo Pro Models)	1
/		281312	Kit, Service Fuel Fitting Install	
/		290339	Kit, Service Control Board	

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Control Box Assembly

Control Box Assembly

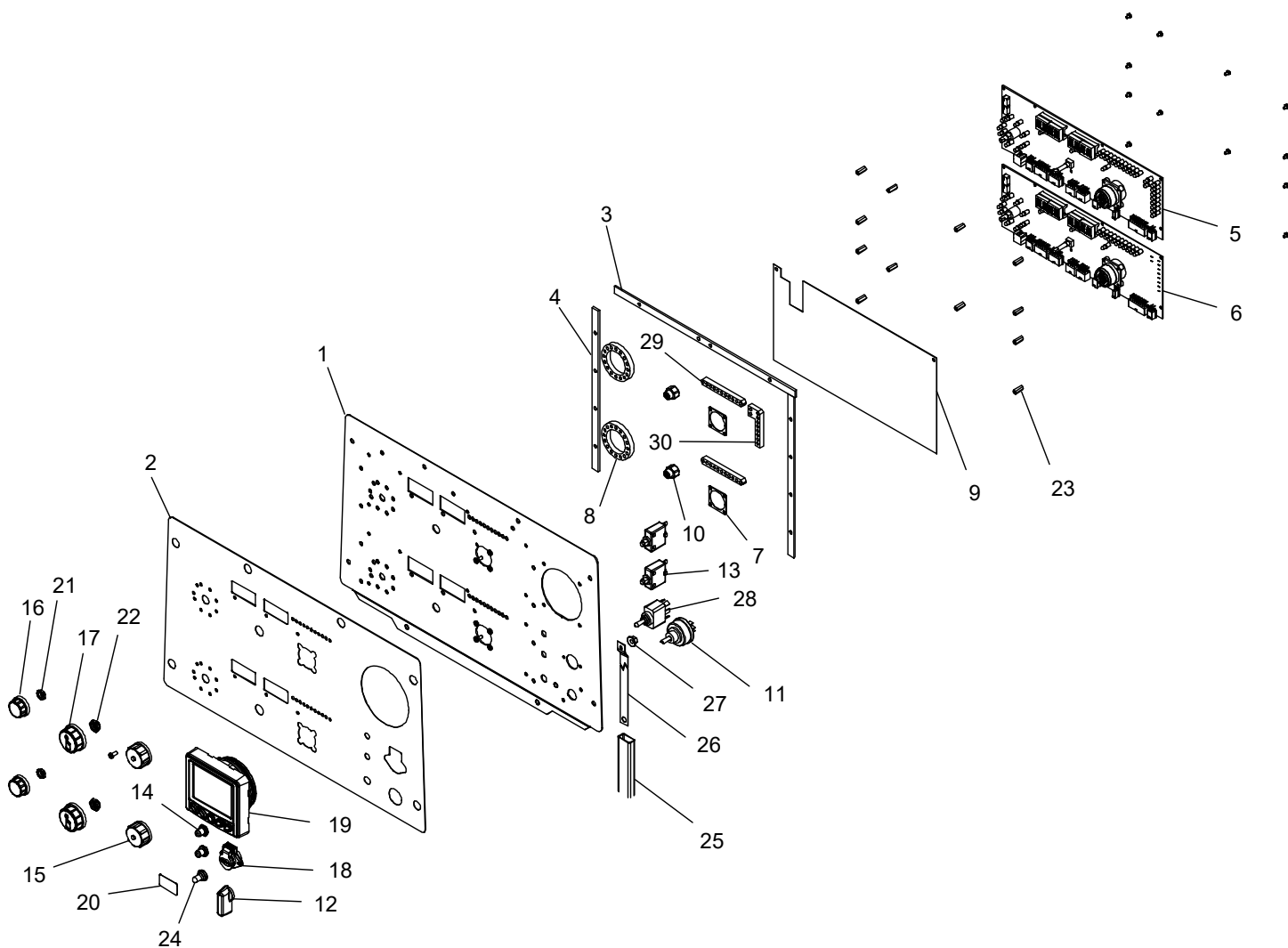
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		258577	Control Box, Lh	1
2	SR1-SR2,SR4	035704	Rectifier, Integ Bridge 40. Amp 800V	3
3	C6	087110	Capacitor, Elctlt 240 uF 200 Vdc Can 1.39 Di	1
4	CB3-CB4	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	2
/		402132	↓ Kit, Fuse Holder BB500-800	1
* /	F1-F2	085874	→ Fuse, Mintr Cer Slo-Blo 10. Amp 250 Volt	2
5	TE2	190210	Block, Term 5-3-3	1
6	CR4,CR24	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg	2
/	CR7	173069	Relay, Encl 12 Vdc Spdt 30A/20A 5 Pin Flange Mtg NA230715R - ZZ222222R	1
7		177136	Clamp, Capacitor 1.375 Dia	1
8		190323	Boot, Circuit Breaker Clear Hex Nut	5
9		204737	Cable Tie Mount, Winged Push	5
10		258576	Control Box, Rh	1
11	CR5	223710	Relay, Encl 12 Vdc Dpst-No 25A 6Pin Flange	1
12	CR3	258445	Relay, Encl 12 Vdc Spdt 50A/14 Vdc w/Diode 5pin	1
13	CR8	258446	Relay, Encl 12 Vdc Spst 70A/14 Vdc w/Diode 4pin	1
14	CB10,CB13	190374	Circuit Breaker, Auto Reset 12 Vdc 40 Amp	2
15	CB2	139266	Supplementary Protector, Man Reset 1p 15A 250 Vac	1
16	CB11	093997	Supplementary Protector, Man Reset 1p 30A 250 Vac	1
17	CB12	093996	Supplementary Pro, Man Reset 1P 20A 250 Vac Frict	1
18	SR5	035704	Rectifier, Integ Bridge 40. Amp 800V	1
19	TE3-TE4	072253	Stud, Connection Single 10-32 x .500 x 1.250 Mtg	2
20		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr	1
21		258582	Cover, Control Box	1

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Front Engine and Weld Control Panel

Front Engine and Weld Control Panel

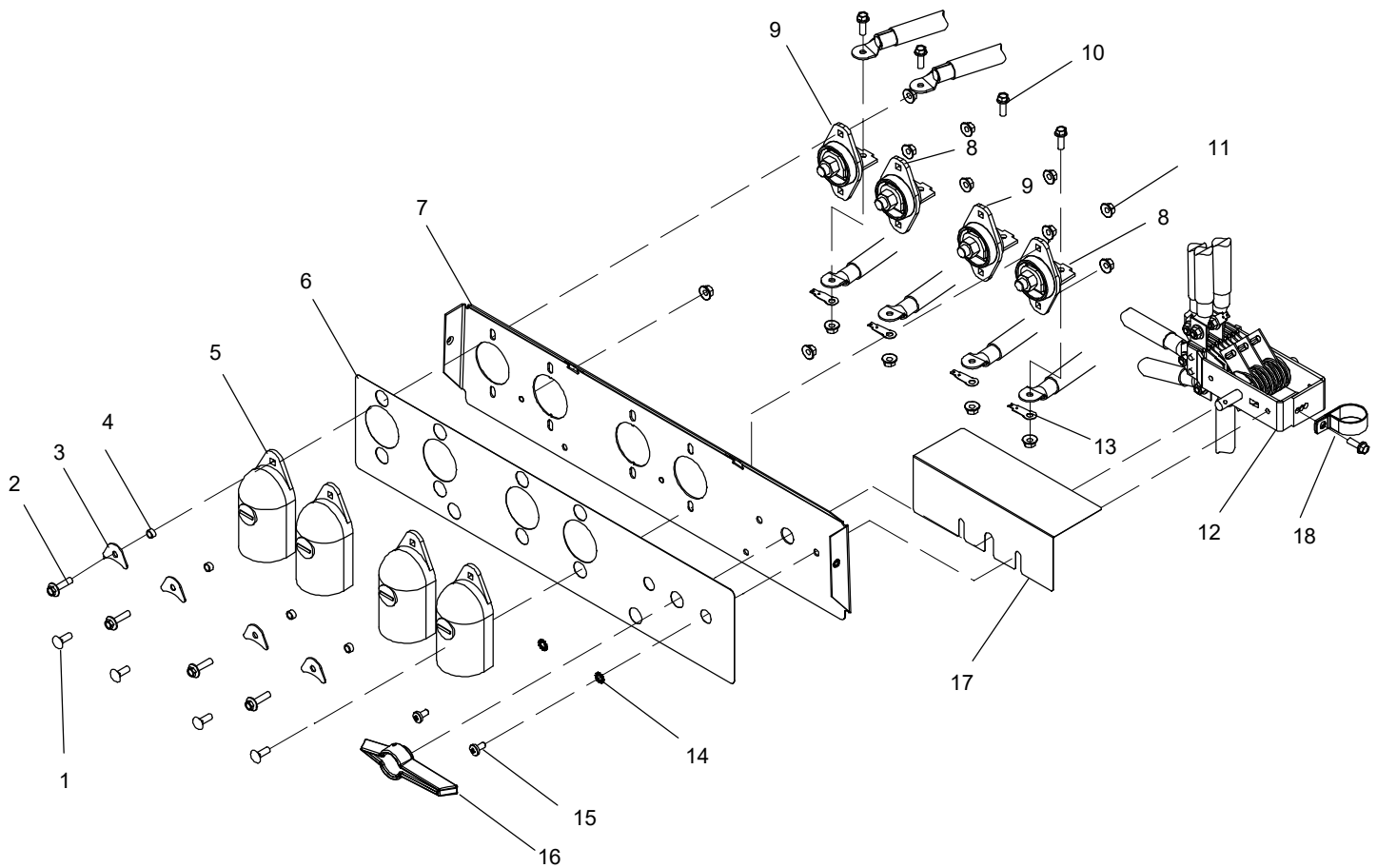
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		275689	Panel, Engine/Weld Control	1
2			Label, Nameplate (Order by Model and Serial No.)	1
3		277517	Gasket, Control Board Cover Top	1
4		276583	Seal, Control Board Cover	2
5	PC1	290339	Kit, Service Control Board	1
6	PC21	290821	Kit, Service Control Board (B Side Replacement)	1
7		277524	Gasket, 14 Pin Receptacle	2
8		278559	Foam, LED Process Select	2
9		279297	Baffle, Lead Protection	1
10		278485	Assy, Encoder Nut w/O-Ring	2
11		217680	Switch, Ignition 4 Position w/Out Handle	1
/		201244	Washer, Tooth .728 Id x 1.166 Od x .050T Stl Pld Int .688	1
12		207073	Lever, Ignition Switch	1
13	CB9,CB29	083432	Supplementary Pro, Man Reset 1P 10A 250 Vac Frict	2
14		190323	Boot, Circuit Breaker Clear Hex Nut	2
15		170391	Conn, Circ Ms Protective Cap Size 20 Nylon	2
16		245663	Knob, Encoder 1.250 Dia x .250 Id Push On w/Spring	2
17		276230	Knob, Encod 1.67 D x 6mm Id Push On w/Spring/Print	2
18		276484	Harness, Front Panel USB	1
19		256689	Display, LCD Alphanumeric Engine (Deutz)	1
/		242579	Screw, K40 x 10 Pan Hd-Phi Stl Pld Pt	8
20		270453	Label, Warning Read Owner's Manual Wordless	1
/		215000	Screw, 006-32 x .18 Hex Hd-Slt Stl Pld	12
21		231468	Nut, .375-32 .56 Hex .22h Brs Conical Knurl	2
22		231469	Nut, .500-28 .69 Hex .28h Brs Conical Knurl	2
23		190512	Stand-off, No 6-32 x .640 Lg .250 Hex Al Fem	12
24		021385	Boot, Toggle Switch Lever	1
25		086288	Tubing, GI Acryl .750 - .786 Id Spool Yel Fa1	0.75
26		279479	Strap, Grounding 15.12 In Long	1
27		152461	Nut, .250-20 .44Hex .23H Stl Pld Sem Cone Wshr .65D	1
28		206624	Switch, Tgl Sptt 6A 125 Vac (On)-On-(On) Spd Term	1
29		278563	Foam, LED Dig	2
30		278564	Foam, LED Fuel And Service	1
/		280214	Spring, Wave (Stainless Steel)	2

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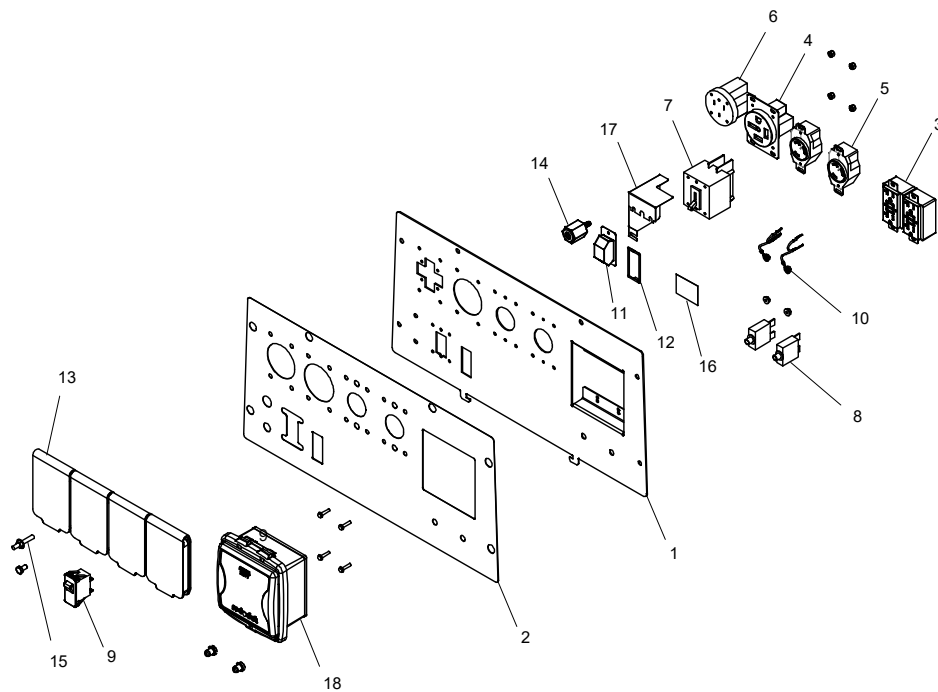
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Weld Output Panel

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		005107	Bolt, Crg Stl .250-20 x .750 Gr5 Pld	4
2		108941	Screw, .250-20 x 1.00 Hexwhd.61d Gr5 Pld	4
3		180735	Washer, Output Stud	4
4		181169	Spacer, Output Stud	4
5		186621	Boot, Generic Output Stud	4
6		258836	Label, Output Panel w/Parallel Airpak	1
7		258685	Panel, Mtg Terminal Power Output	1
8		241433	Terminal, Pwr Output Black	2
9		241432	Terminal, Pwr Output Red	2
10		108940	Screw, .250-20 x .75 Hexwhd.61d Gr5 Pld	4
11		152461	Nut, .250-20 .44Hex .23H Stl Pld Sem Cone Wshr .65D	14
12	S3	259356	Switch, Paralleling w/Leads	1
13		010381	Connector, Rectifier	4
14		602208	Washer, Tooth .256 Id x 0.510 Od x .028T Stl Pld Ext .250 A	2
15		189445	Screw, .250-20x .50 Pan Hd-Phl Stl Pld	2
16		230339	Switch Handle w/Pin	1
17		269892	Guard, Polarity Switch	1
18		127854	Clamp, Stl Cush 1.312 Dia x .343 Mtg Hole	1

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Auxiliary Power Panel, North America

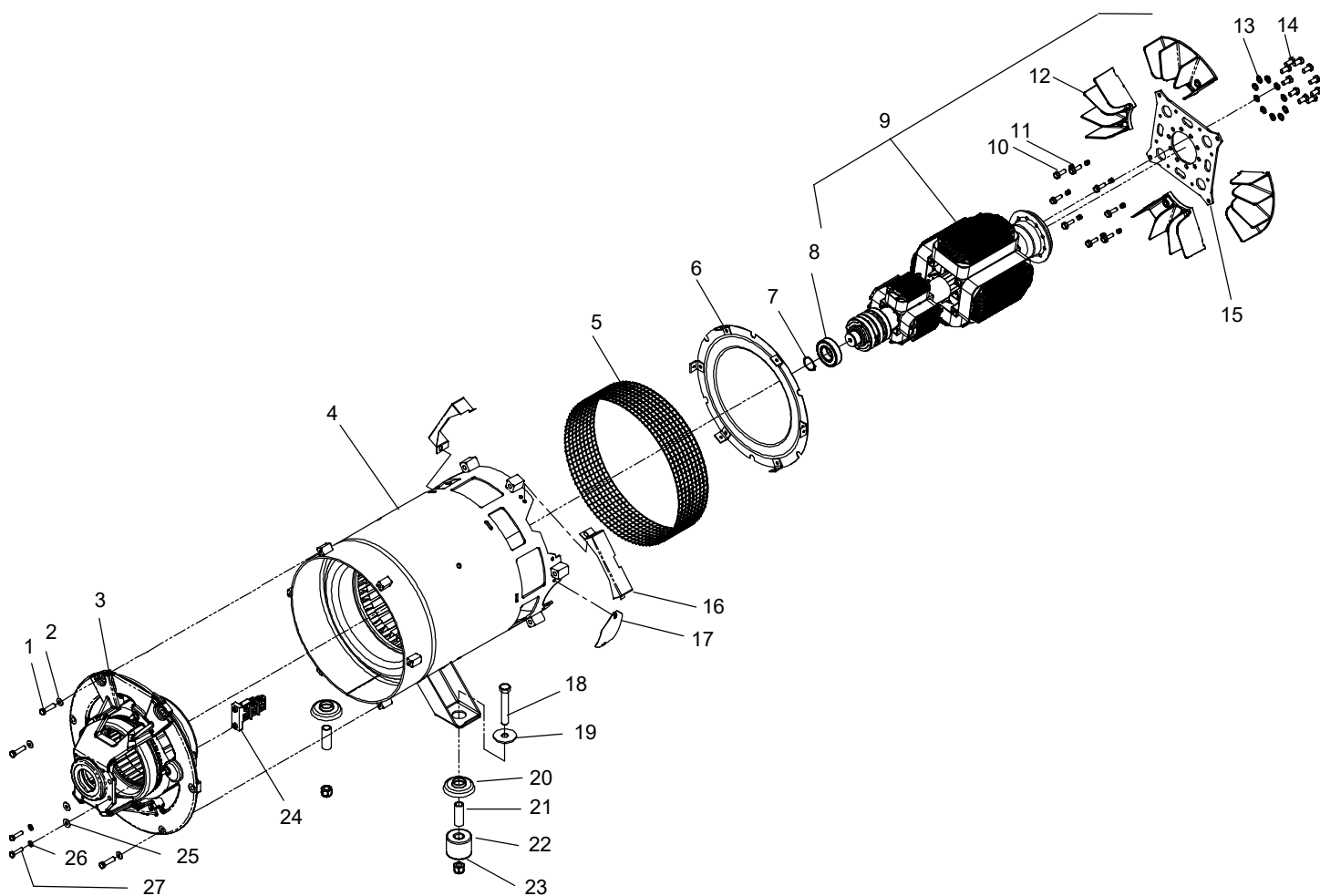
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		271859	Panel, Aux Power	1
2		271858	Label, Aux Power w/In Use Cover (Bw)	1
* 3	GFCI1-GFCI2	280236	Receptacle, Gfci 15/20A	2
4	RC4	254094	Rcpt, Str 3p4w 50A 250V Flush Mtg	1
5	RC1-RC2	147632	Rcpt, Tw Lk Grd 2p3W 30A 250V *L6-30r	2
6	RC5	182954	Rcpt, Str 3p4w 50A 125/250V Flush Mtg 14-50	1
7	CB1	214926	Supplementary Protector, Man Reset 3p 50A 250 Vac	1
8	CB7-CB8	093996	Supplementary Pro, Man Reset 1P 20A 250 Vac Frict	2
9	CB6	201083	Supplementary Protector, Man Reset 2p 20A 250 Vac	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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Generator

Generator

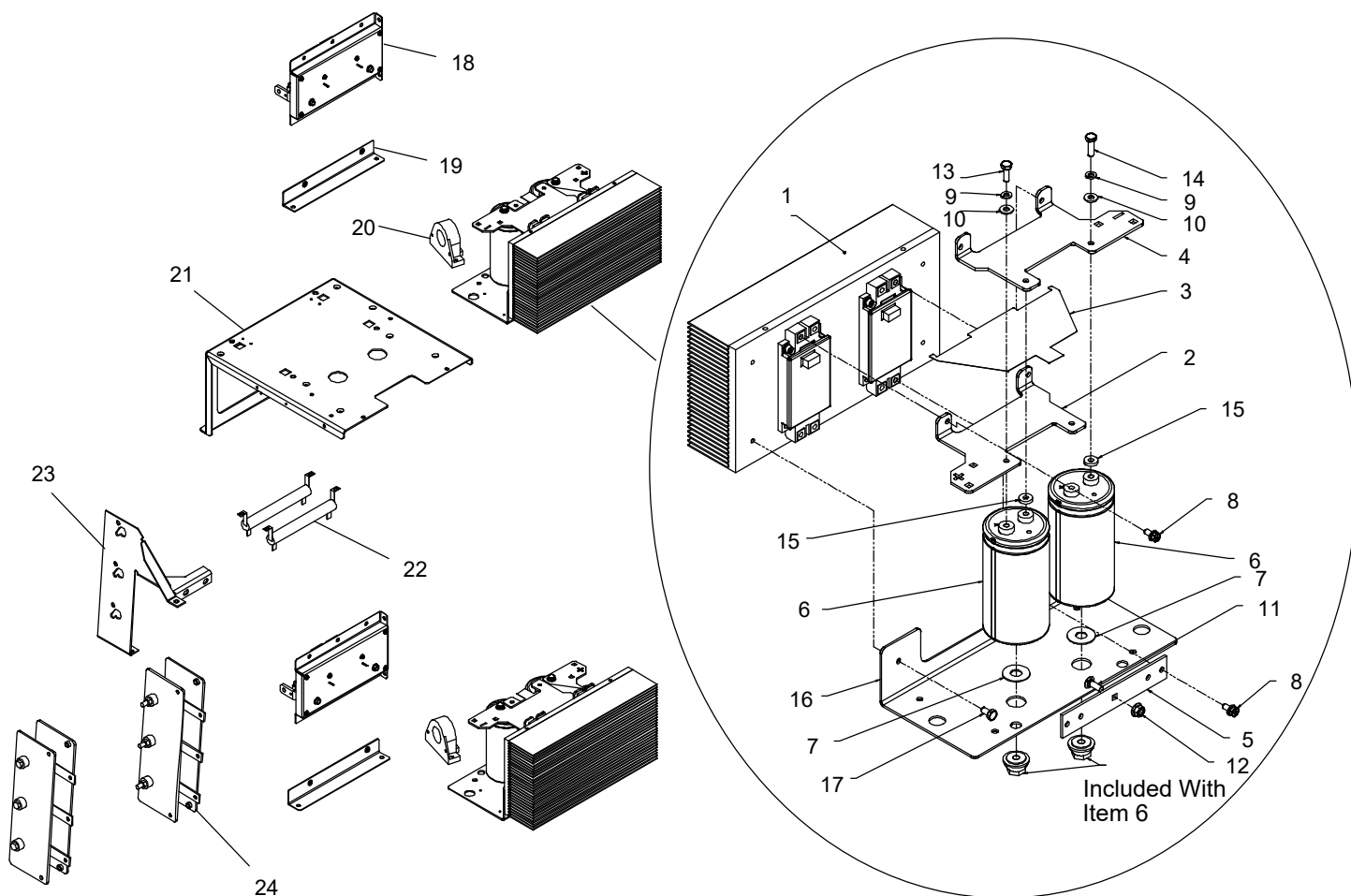
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		132053	Screw, .375-16 x 1.50 Hex Hd-Pln Gr5 Pld Blk	6
2		183387	Washer, Cone .380 Id x .860 Od x .109T Stl Pld 4000 Lbs	6
3		278733	↓ Endbell w/Exciter Stator	1
/		257974	→↓Kit, Endbell w/O-ring	
/		203635	→→Endbell, Gen	1
/		143220	→→O-Ring, 2.859 Id x .139 Cs 70 Duro Viton	1
/		278735	→Stator, Exciter/Aux Power	1
/		604538	→Washer, Flat .344 Id x 0.688 Od x .065T Stl Pld Ansi .312	4
/		172684	→Nut, .312-18 .50 Hex .27H Stl Pld Sem Cone Wshr .76D	4
/		604537	Nut, .312-18 .50Hex .28h Stl Pld	4
/		604538	Washer, Flat .344 Id x 0.688 Od x .065T Stl Pld Ansi .312	4
/		261463	Screw, .312-18 x 4.50 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
/		172555	Screw, M10-1.5 x 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, .312-18 x 1.00 Hexwhd .66D Stl Pld Slffmg Tap-Rw	8
11		083883	Washer, Lock .402 Id x 0.709 Od x .087T Stl Pln Split 10mm	8
12		206242	Fan, Rotor Segmented Assy Gen	4
13		083883	Washer, Lock .402 Id x 0.709 Od x .087T Stl Pln Split 10mm	10
14		049026	Screw, M10-1.5 x 25 Hex Hd-Pln 8.8 Pln	10
15		210332	Plate, Flex Hubmount	1
16		191577	Guard, Starter Deutz	2
17		191579	Cover, Starter Hole Perkins/Continental	1
/		199849	Screw, .625-11 x 4.00 Hex Hd-pln Gr5 Pld	3
18		071731	Washer, Flat .656 Id x 2.250 Od x .187T Stl Pld	2
19		071890	Retainer, Mount Eng/Gen	2
20		071730	Tubing, Stl .875 Od x 12Ga Wall x 2.500	2
21		083476	Mount, Eng/Gen Nprn .875 Id x 2.500 Od x 2.000 60 Dur	2
22		135205	Nut, .625-11 .94 Hex .77H Stl Pld Elastic Stop Nut	2
23		602159	Screw, .312-18 x .75 Hexwhd .66D Stl Pld Slffmg Tap-Rw	6
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 .375 Id x 0.875 Od x .083T Stl Pld Blk	2
26		602211	Washer, Lock .318 Id x 0.586 Od x .078T Stl Pld Split .312	2
27		604534	Screw, .312-18 x 1.25 Hex Hd-Pln Gr5 Pld	2

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Weld Output Module

Weld Output Module

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		278886	Module, IGBT Weld Output	2
1		278884	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	Bus 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, M6-1.0x 14 Hex Hd-Phl Stl Pld Sems	8
9		602207	Washer, Lock .255 Id x 0.489 Od x .062T Stl Pld Split .250	4
10		227186	Washer, Flat .254 Id x 0.468 Od x .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, 250-28 x .75 Hex Hd-Pln Stl Gr5 Pld Zinc Blk	2
14		223040	Screw, 250-28 x .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, .250-20 x .50 Hexwhd .50D Stl Pld Slffmg Tap-Rw	2
18		269559	Circuit Card Assy, Wcc Filter Network Potted	2
19		279485	Bracket, Mtg Wcc Filter Network Potted Assy	2
20	HD1,HD21	168829	Transducer, Current 1000A Module Max Open Loop	2
21		256489	Bracket, Support Vault	1
22	R10,R210	188067	Resistor, WW Fxd 100 W 200 Ohm w/Clips	2
23		259039	Bracket, Rectifier	1
24		279872	Rectifier, Si 3Ph 300 Amp 600 Piv	2

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Optional Components For Wireless Interface Control

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		286598	Kit, Remote Module/Fob	1
/		286602	Module, Fob Radio Receiver	1
/		286599	Module, Radio Receiver	1
/		286600	Module, Antenna Radio Receiver	1
/		287593	Bracket, WIC Receiver	1
/		288362	Harness, Wrg Remote	1
/		288367	Lead Assy, Twisted Pair	1
/		288382	Lead Assy, Elect w/Resistor	1
/		288383	Lead Assy, Elect	1
/	PLG411	177559	Conn, Body 5 Terminal	1
/	PLG7,PLG27	285708	Conn, Rect Mx120G 12Pin 2row Rcpt	2
/	PLG64	158465	Conn, Rect Unit 084 12P/S 3row Plug Cable Lkg	1
/	RC409	286535	Conn, Body 5 Terminal Rcpt	1
/		250930	Alarm, Piezo Slow Pulse 4-16 Vdc 105/100 Db	1
/		287538	Plug, Cavity	9
/		187654	Seal, Wire Univ 12p/S 3row	1
/		286634	Label, Warning Remote Start	1
/		286737	Cable, Charging USB	2
/		286604	Charger, USB	2

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Wiring Harnesses

Item No.	Dia. Mkgs.	Part No.	Description		Qty
/		279503	Harness, Engine Deutz (All Models)	MH260921R - NA330569R	1
/		288336	Cable, Work 10 Ft No 1/0 w/Clamp & Tw Lk	NA330570R - ZZ222222R	1
/		279502	Lead Assy, Elect W/Splices	NA330570R - ZZ222222R	1
/		288408	Lead Assy, Elect w/Splices	NA330570R - ZZ222222R	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
/	PLG14-16	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_4,401_5	258803	Plug, Cavity		83
/	PLG400_5,401_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_2,403_2,405_2,406_2	258720	Plug, Cavity 3.6mm		25
/	PLG402_4	240074	Seal, Plug Single Wire (5mm Hole)		12
/	PLG402_5	258719	Seal, Plug Single Wire		24
/	PLG403,405	258701	Conn, Circ Cpc 4skt Plug Cable Pushin Din72585		2
/	PLG403_1,405_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
/		288236	Holder, Fuse Bolt Down 32V 200A	NA330570R - ZZ222222R	1
* /	F3	288238	Fuse, Auto 80A 32Vdc Auto Link	NA330570R - ZZ222222R	1

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Wiring Harnesses

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		279497	Harness, Weld (800 Models) MH260921R - NA330569R	1
/		288365	Harness, Weld (800 Models) NA330570R - ZZ222222R	1
/	RC98	135133	Conn, Rect Univ 084 9p/S 3row Rcpt Cable/Panel Lkg	1
/		287721	Lead Assy, Elect NA330570R - ZZ222222R	1
/		288411	Lead Assy Elect NA330570R - ZZ222222R	1
/	RC30	229933	Conn, Rect Univ 039 10p/S 2row Rcpt Cable/Panel Lkg	1
/	PLG3	114655	Conn, Rect Mini 045 6skt 2Row Plug Cable Lkg	1
/	PLG4,PLG24	116513	Conn, Rect Mini 045 12skt 2row Plug Cable Lkg	2
/	PLG5,PLG25	113752	Conn, Rect Mini 045 10skt 2Row Plug Cable Lkg	2
/	PLG6,PLG26	113751	Conn, Rect Mini 045 8skt 2Row Plug Cable Lkg	2
/	PLG9,PLG29	117037	Conn, Rect Mini 045 2skt 2row Plug Cable Lkg	2
/	PLG10,PLG210	113750	Conn, Rect Mini 045 4skt 2Row Plug Cable Lkg	2
/		129524	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 3pr MH260921R - MJ170420R	1

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Optional Components For Work Truck Configurations (907750001, 907750002, 907752001, 907752002)

Item No.	Dia. Mkgs.	Part No.	Description	Qty
/		279788	Panel, Front Engine/Weld w/Cmpnts (800 Models)	1
/		279791	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, .250-20 x .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)	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
/		261874	Label, Weight & Dimensions Ap Rr	1
/		210972	Label, Stop Engine 1 In High Letters Rr	1

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