



PM- 279640 H

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

Effective with Serial Number

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## PARTS MANUAL



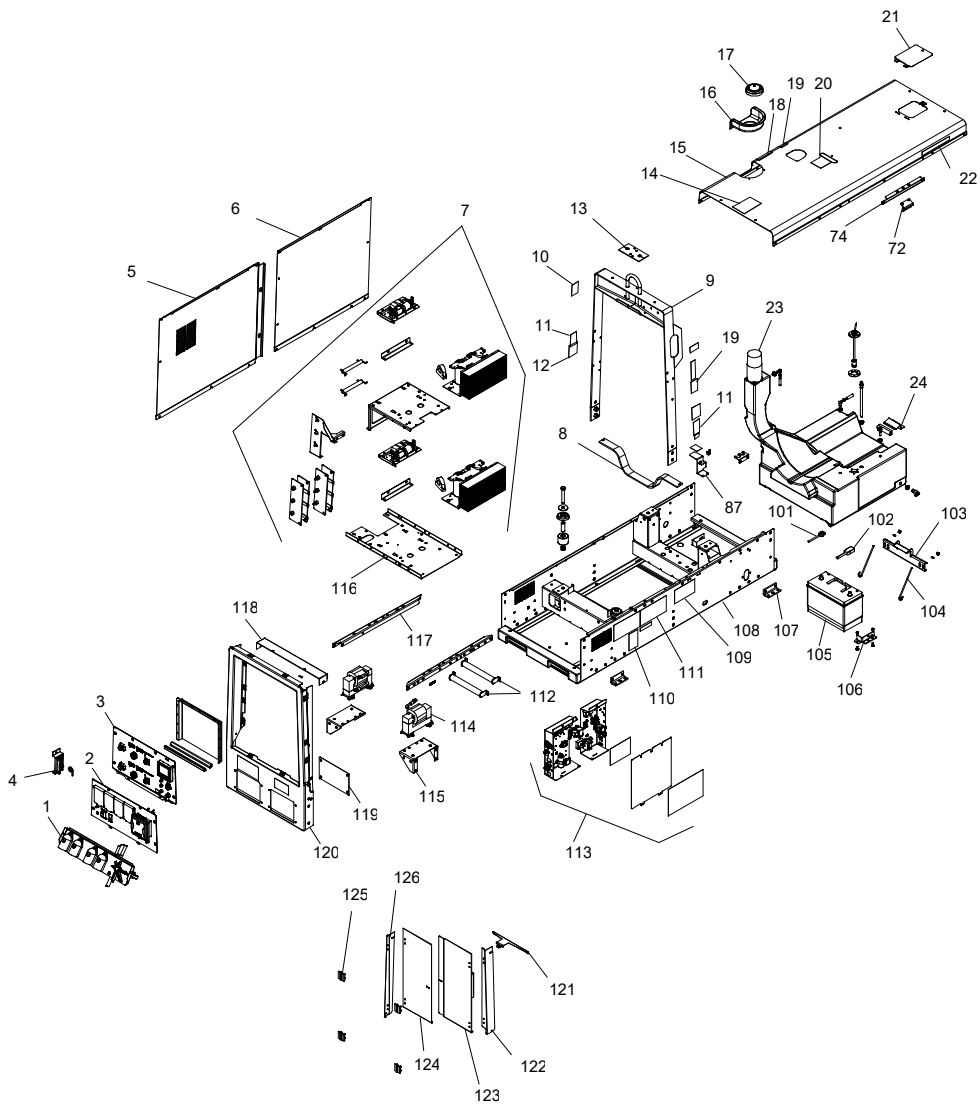
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# Big Blue 600 Air Pak

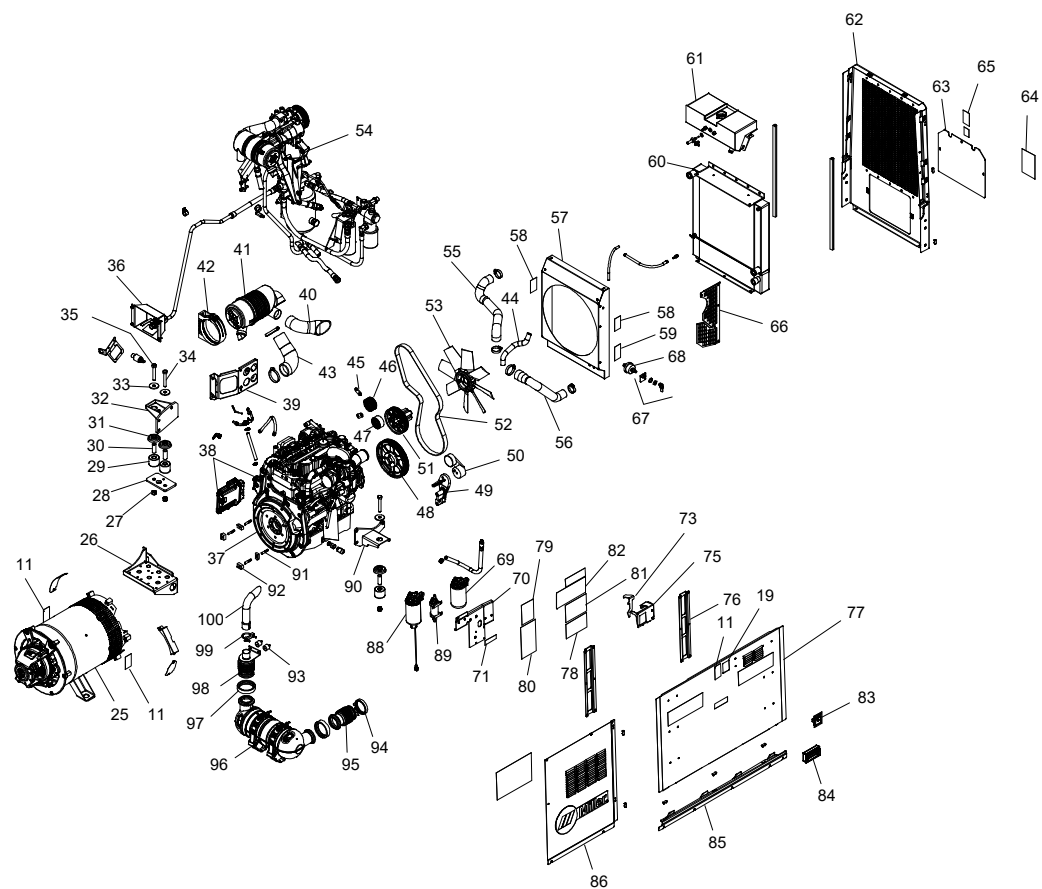
Effective with Serial Number  
MH260921R - ZZ222222R



## 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   |

\*Recommended Spare Parts ~ Optional ↓ Item includes other parts. → Item is part of a subassembly.

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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   |
| 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<br>1 |
| 68       |            | 285589   | Switch, Battery Disconnect 2p 6-36V                     | MK300718R - ZZ222222R<br>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)<br>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

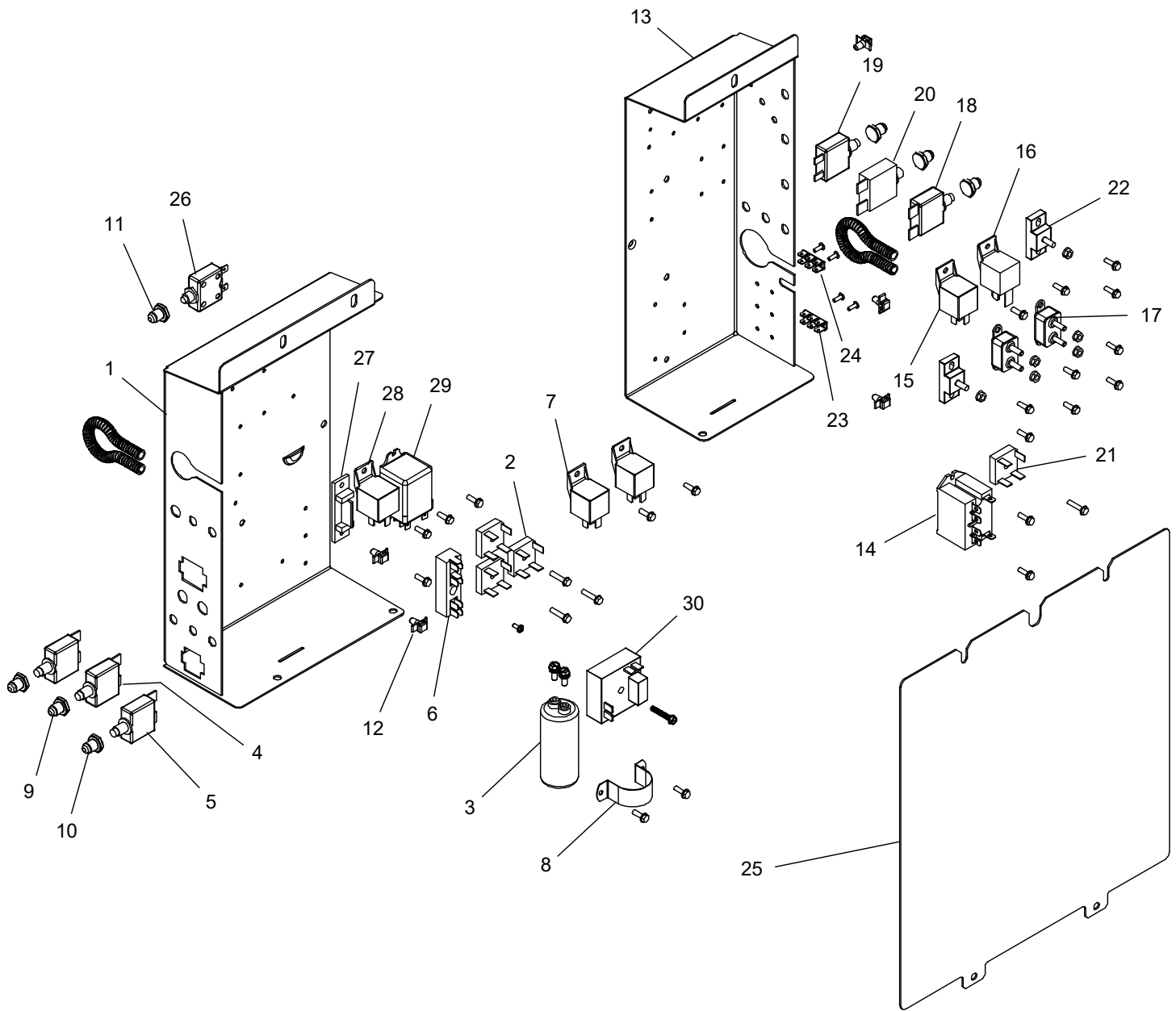
| Item No. | Dia. Mkgs. | Part No.                                                         | Description                                         | Qty |
|----------|------------|------------------------------------------------------------------|-----------------------------------------------------|-----|
| 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

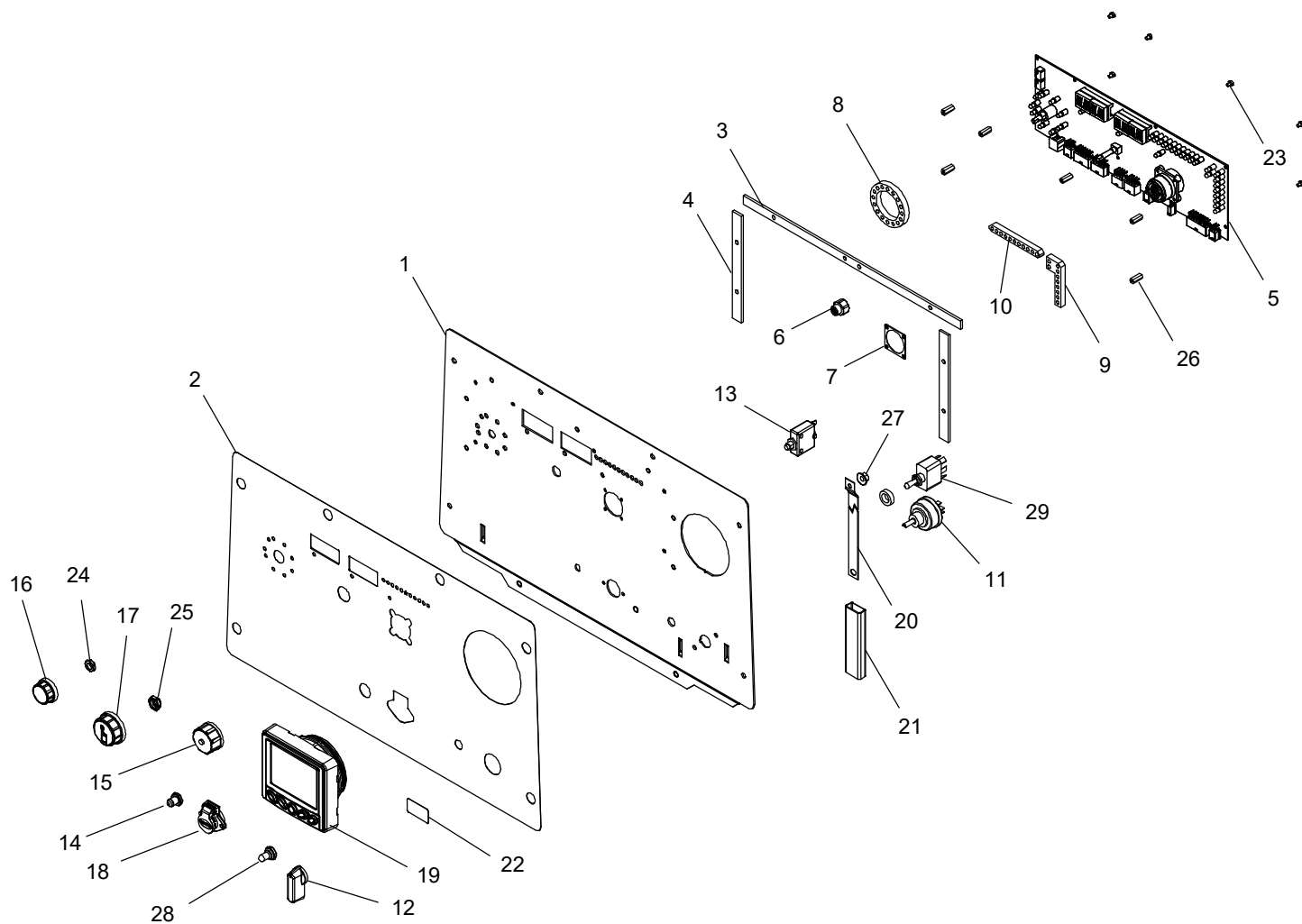
| Item No. | Dia. Mkgs. | Part No. | Description                                                            | Qty |
|----------|------------|----------|------------------------------------------------------------------------|-----|
| 1        |            | 258577   | Control Box, Lh                                                        | 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

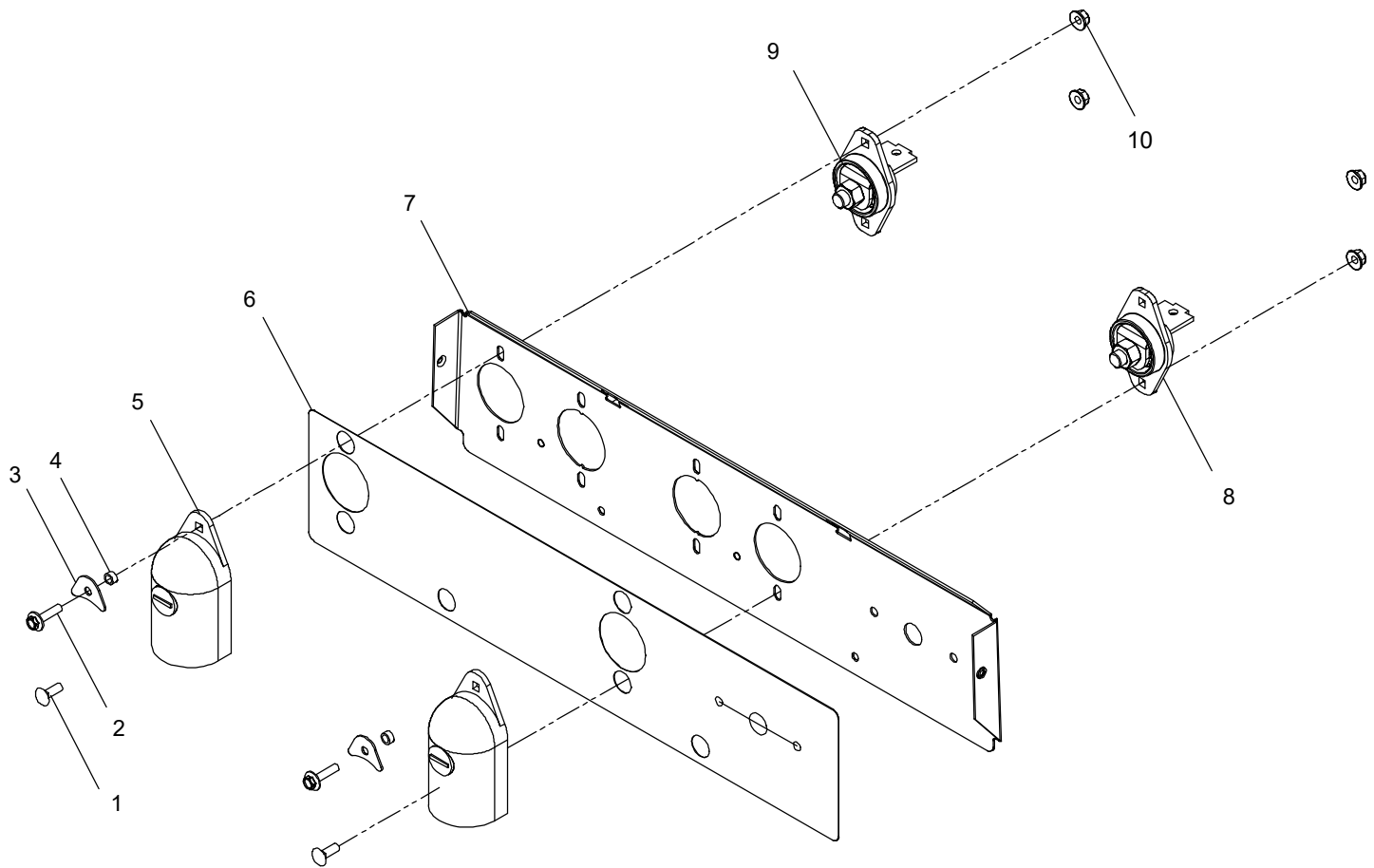
| Item No. | Dia. Mkgs. | Part No. | Description                                               | Qty  |
|----------|------------|----------|-----------------------------------------------------------|------|
| 1        |            | 276672   | Panel, Engine/Weld Control                                | 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

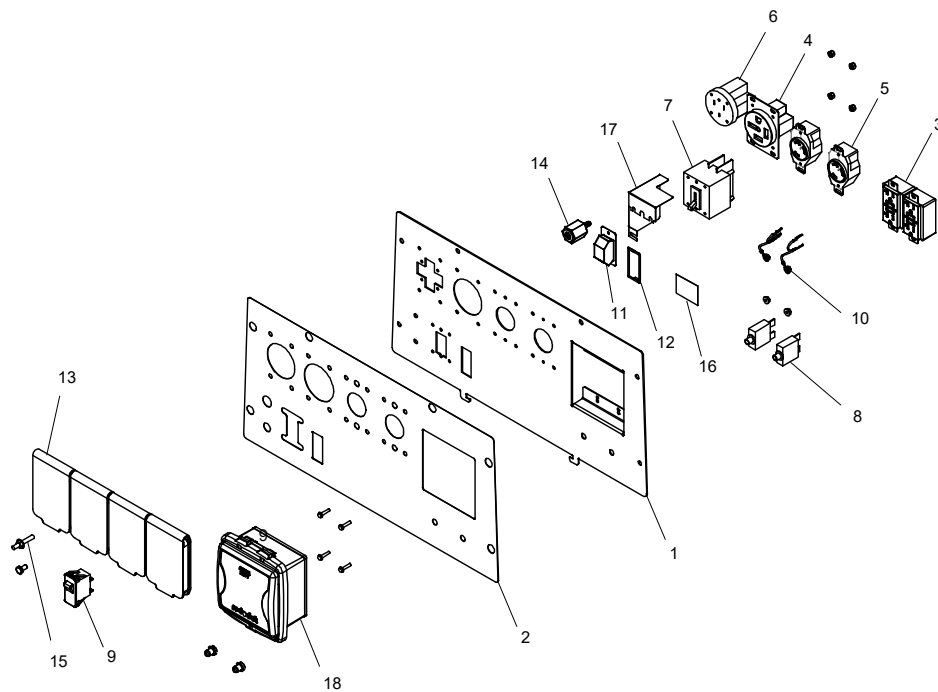
| Item No. | Dia. Mkgs. | Part No. | Description                                         | Qty |
|----------|------------|----------|-----------------------------------------------------|-----|
| 1        |            | 005107   | Bolt, Crg Stl .250-20 x .750 Gr5 Pld                | 2   |
| 2        |            | 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**

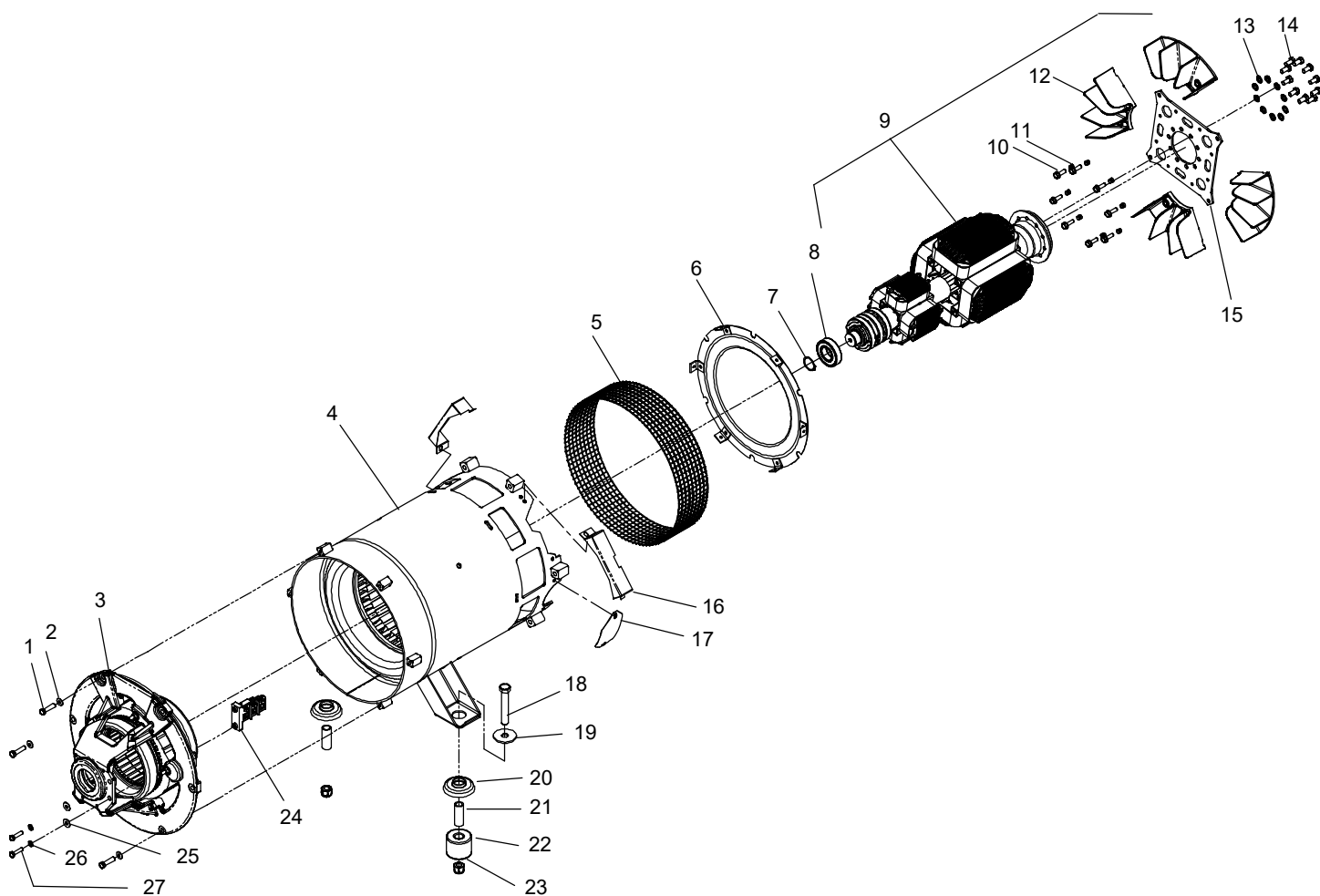
| Item No. | Dia. Mkgs.  | Part No. | Description                                       | Qty |
|----------|-------------|----------|---------------------------------------------------|-----|
| 1        |             | 271859   | Panel, Aux Power                                  | 1   |
| 2        |             | 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

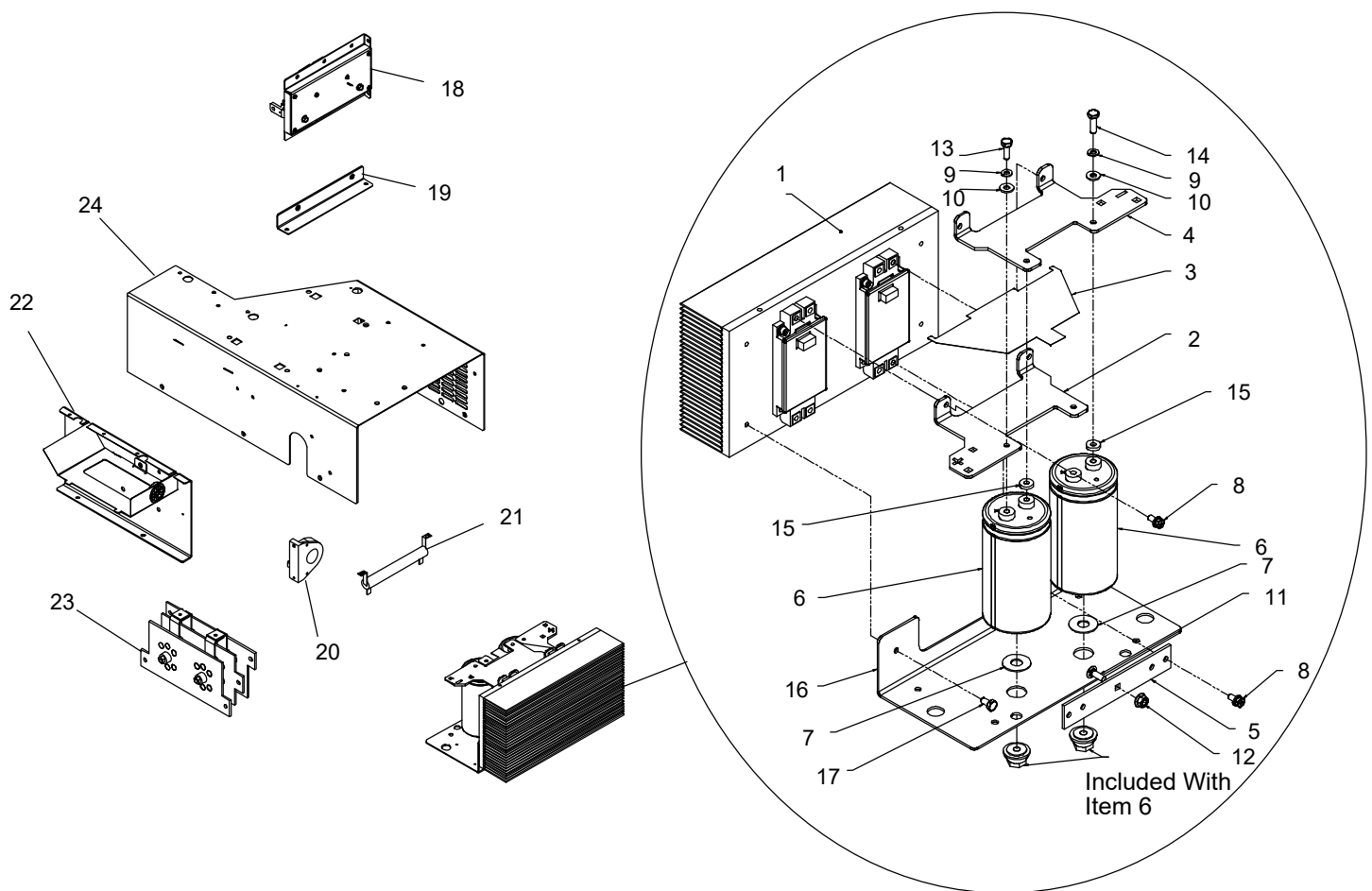
| Item No. | Dia. Mkgs. | Part No. | Description                                                 | Qty |
|----------|------------|----------|-------------------------------------------------------------|-----|
| 1        |            | 132053   | Screw, .375-16 x 1.50 Hex Hd-Pln Gr5 Pld Blk                | 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

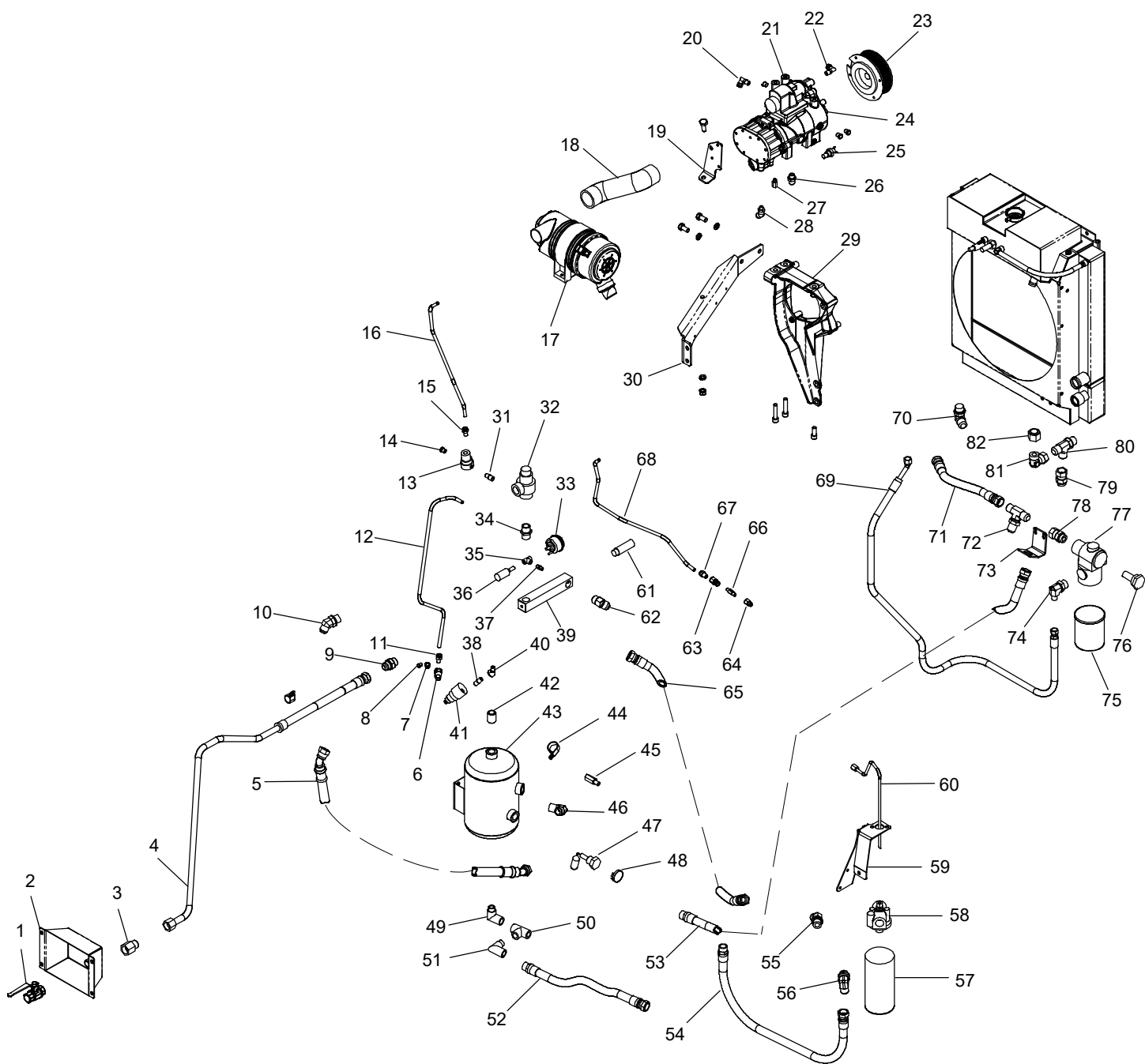
| Item No. | Dia. Mkgs. | Part No. | Description                                                | Qty |
|----------|------------|----------|------------------------------------------------------------|-----|
| /        |            | 278886   | Module, IGBT Weld Output                                   | 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-Phi 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

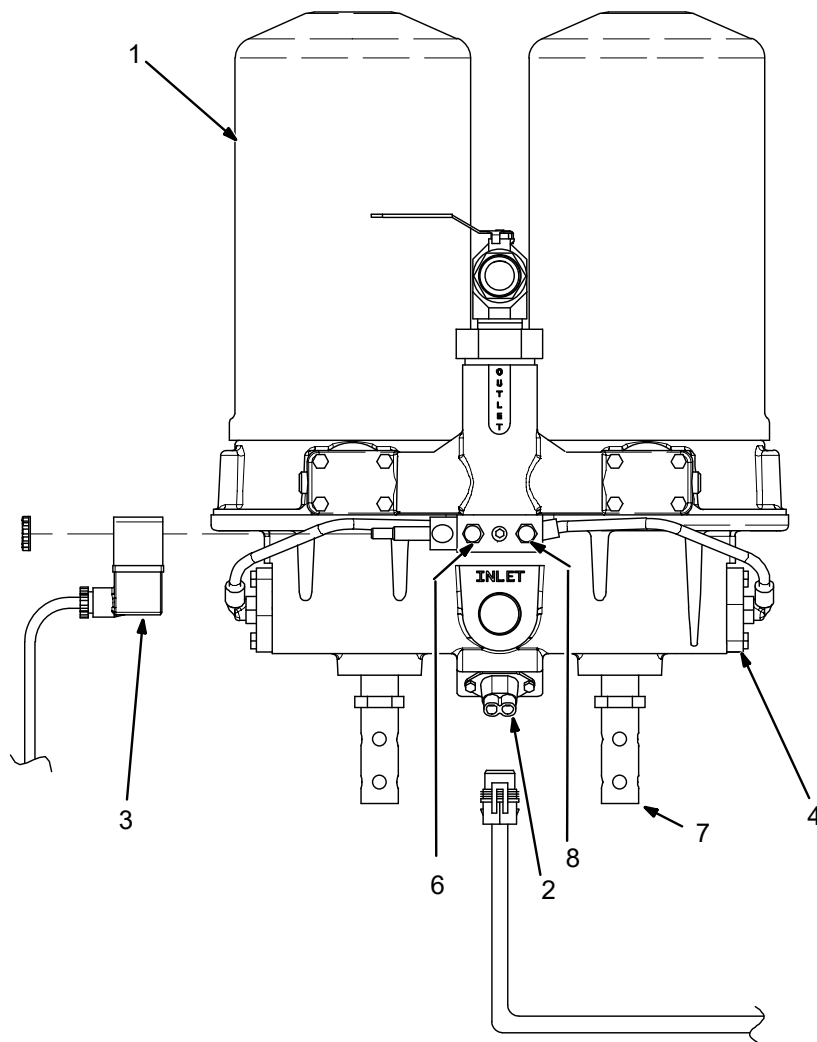
| Item No. | Dia. Mkgs. | Part No. | Description                          | Qty |
|----------|------------|----------|--------------------------------------|-----|
| * /      |            | 279121   | Filter Kit, Ingersoll Rand (Ce55 G1) | 1   |

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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   |
| /        |            | 401287   | Label, WIC WIC Models                         | 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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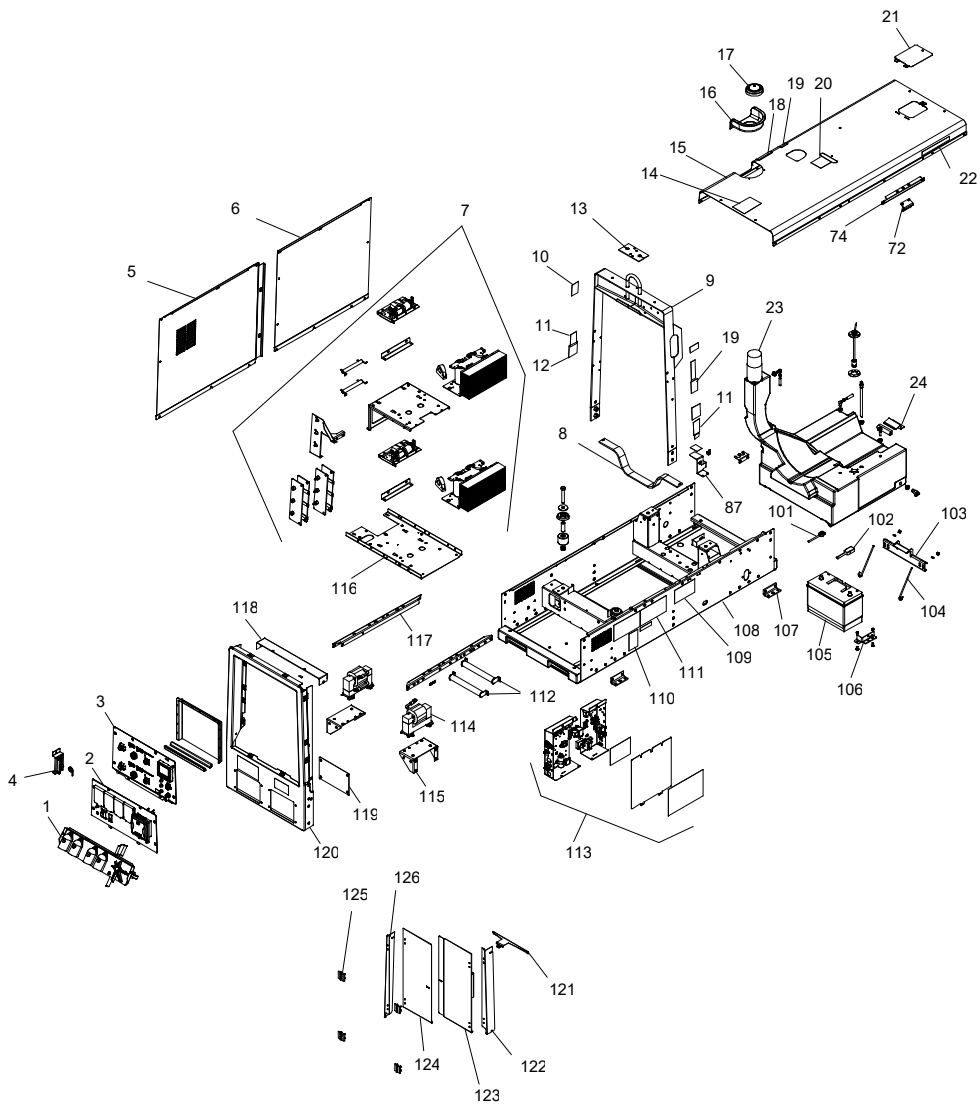
PM- 279640 H

# Big Blue 800 Duo Air Pak

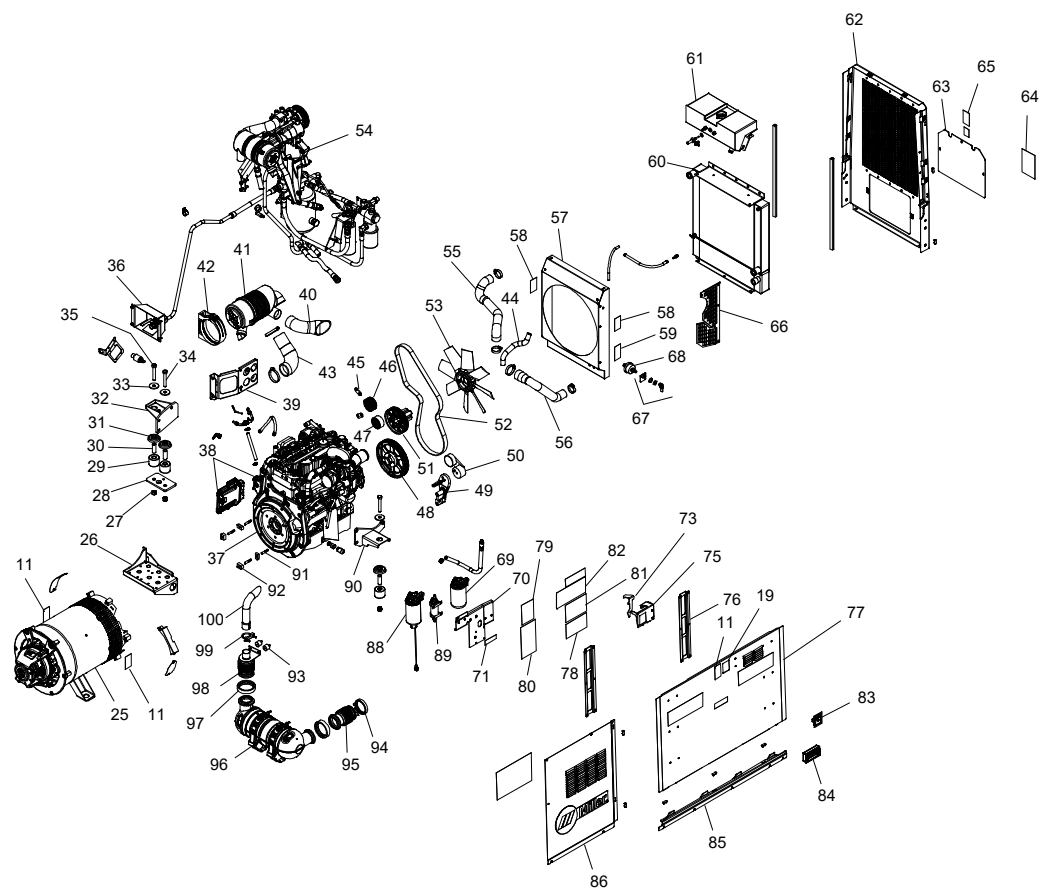
Effective with Serial Number  
MH260921R - ZZ222222R



## 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 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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## 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<br>1 |
| 68       |            | 285589   | Switch, Battery Disconnect 2p 6-36V                     | MK300718R - ZZ222222R<br>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)<br>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

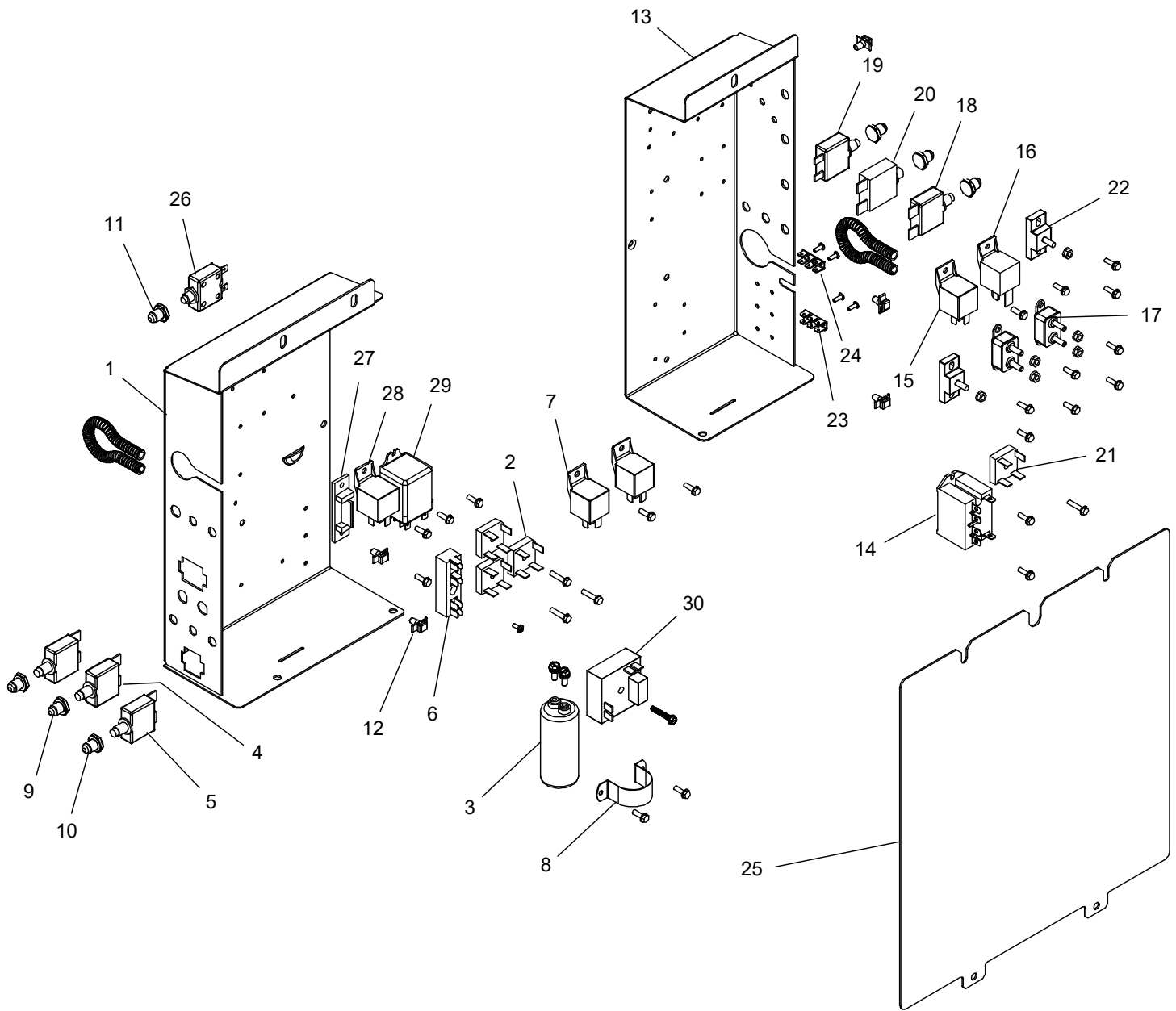
| Item No. | Dia. Mkgs. | Part No.                                                         | Description                                         | Qty |
|----------|------------|------------------------------------------------------------------|-----------------------------------------------------|-----|
| 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

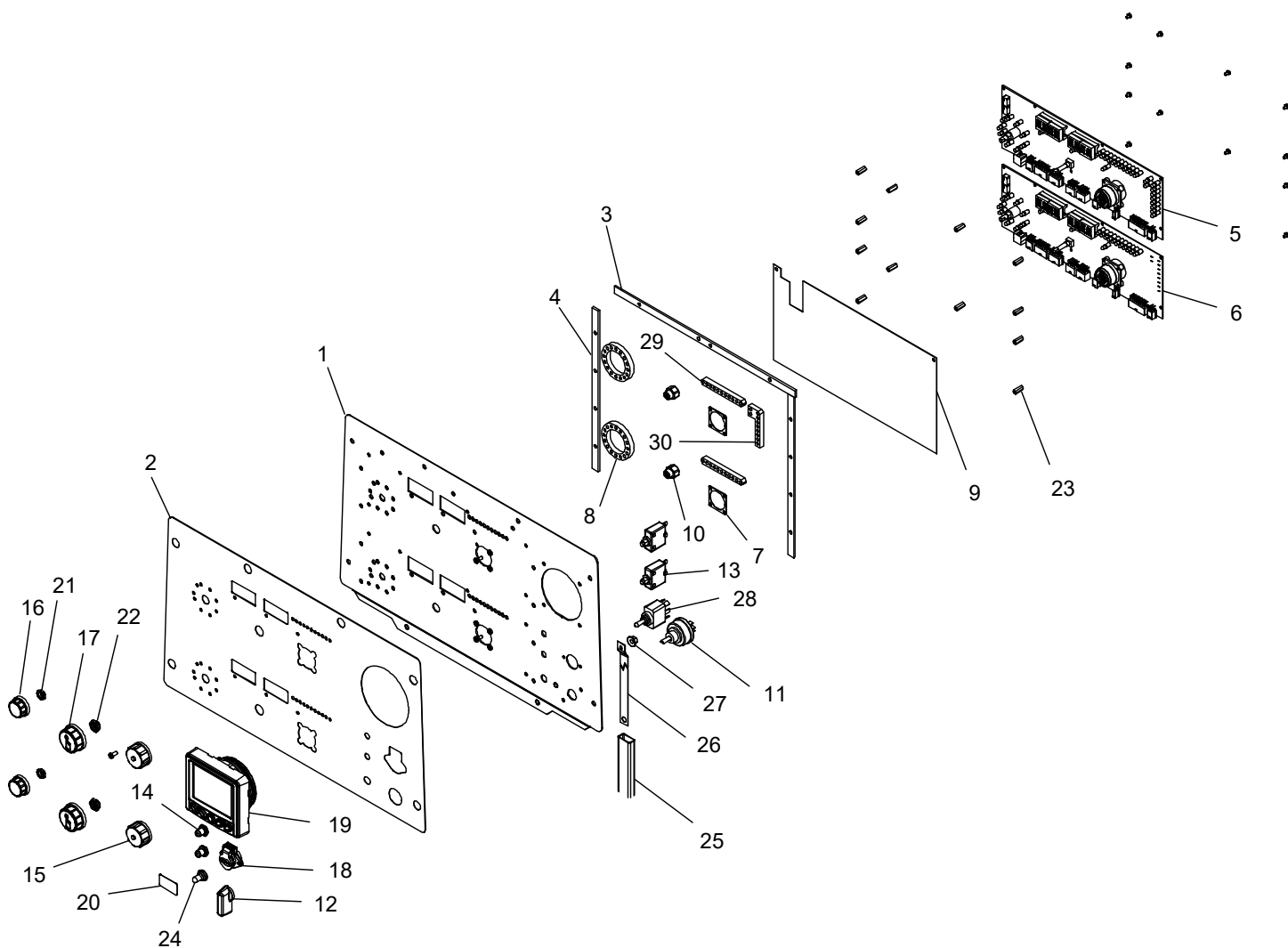
| Item No. | Dia. Mkgs. | Part No. | Description                                                            | Qty |
|----------|------------|----------|------------------------------------------------------------------------|-----|
| 1        |            | 258577   | Control Box, Lh                                                        | 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

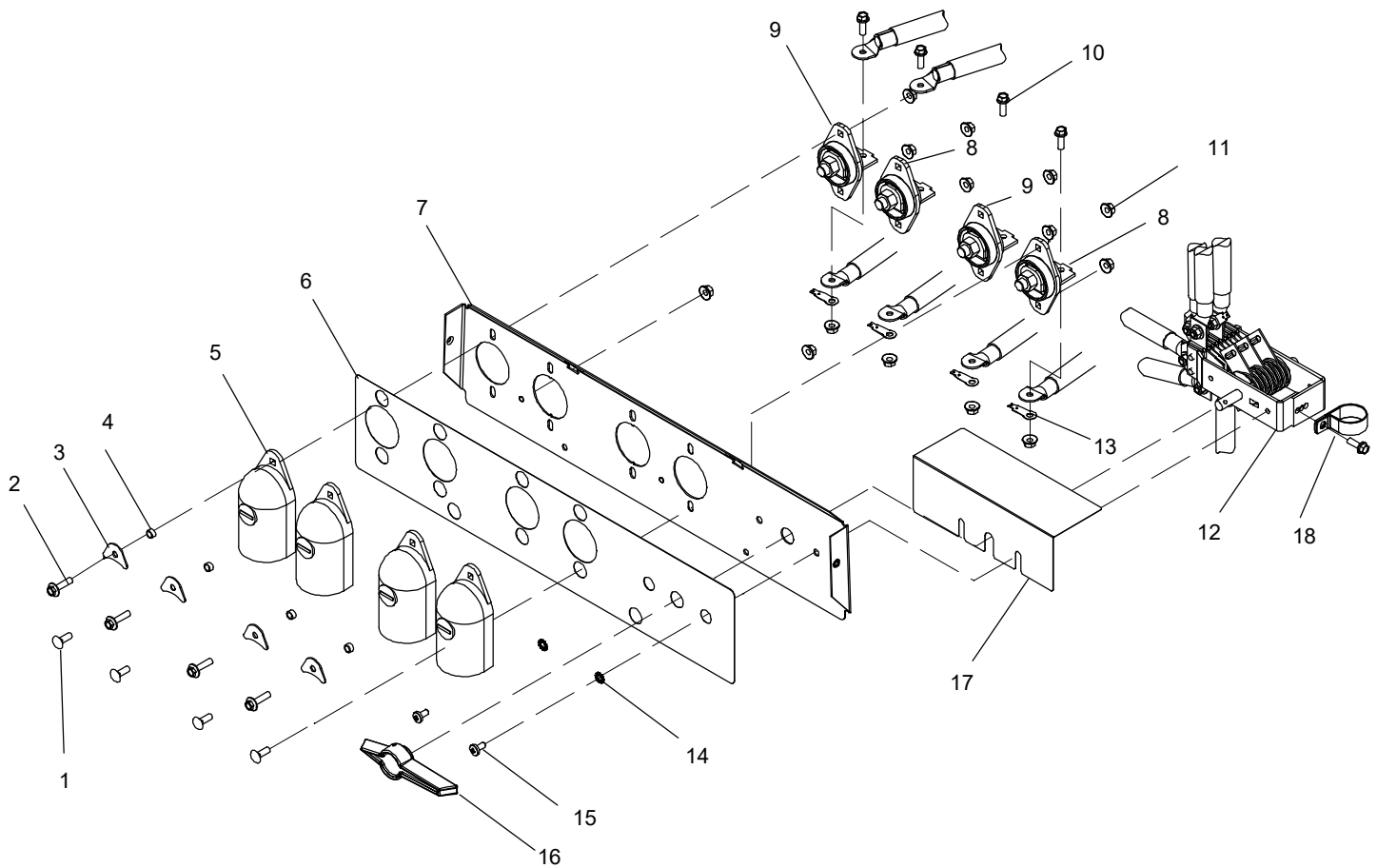
| Item No. | Dia. Mkgs. | Part No. | Description                                               | Qty  |
|----------|------------|----------|-----------------------------------------------------------|------|
| 1        |            | 275689   | Panel, Engine/Weld Control                                | 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, K40X 10 Pan Hd-Phl Stl Pld Pt Thread Forming       | 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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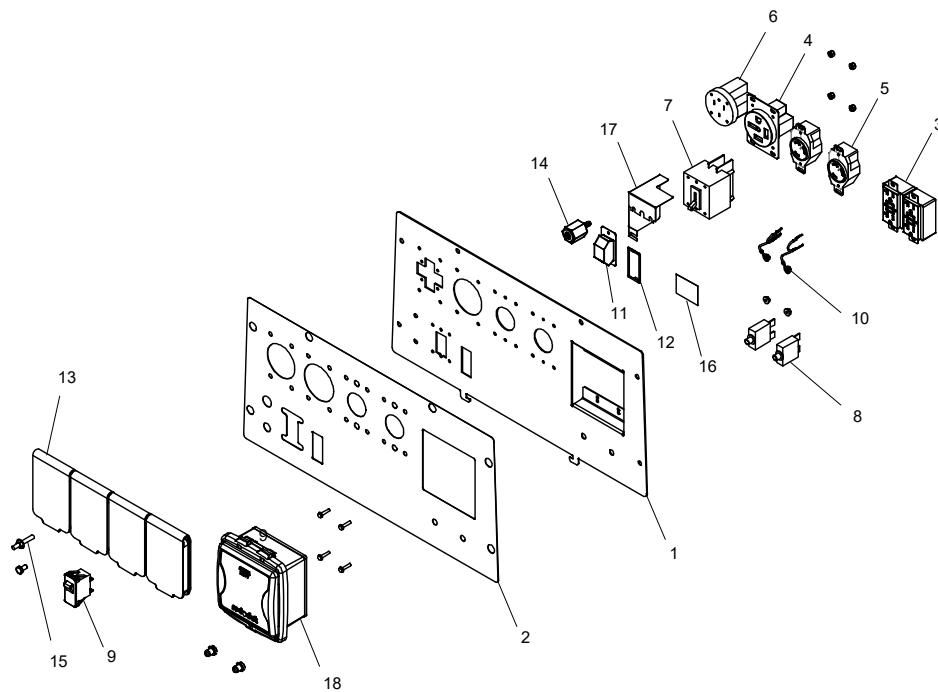
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### Weld Output Panel

| 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**

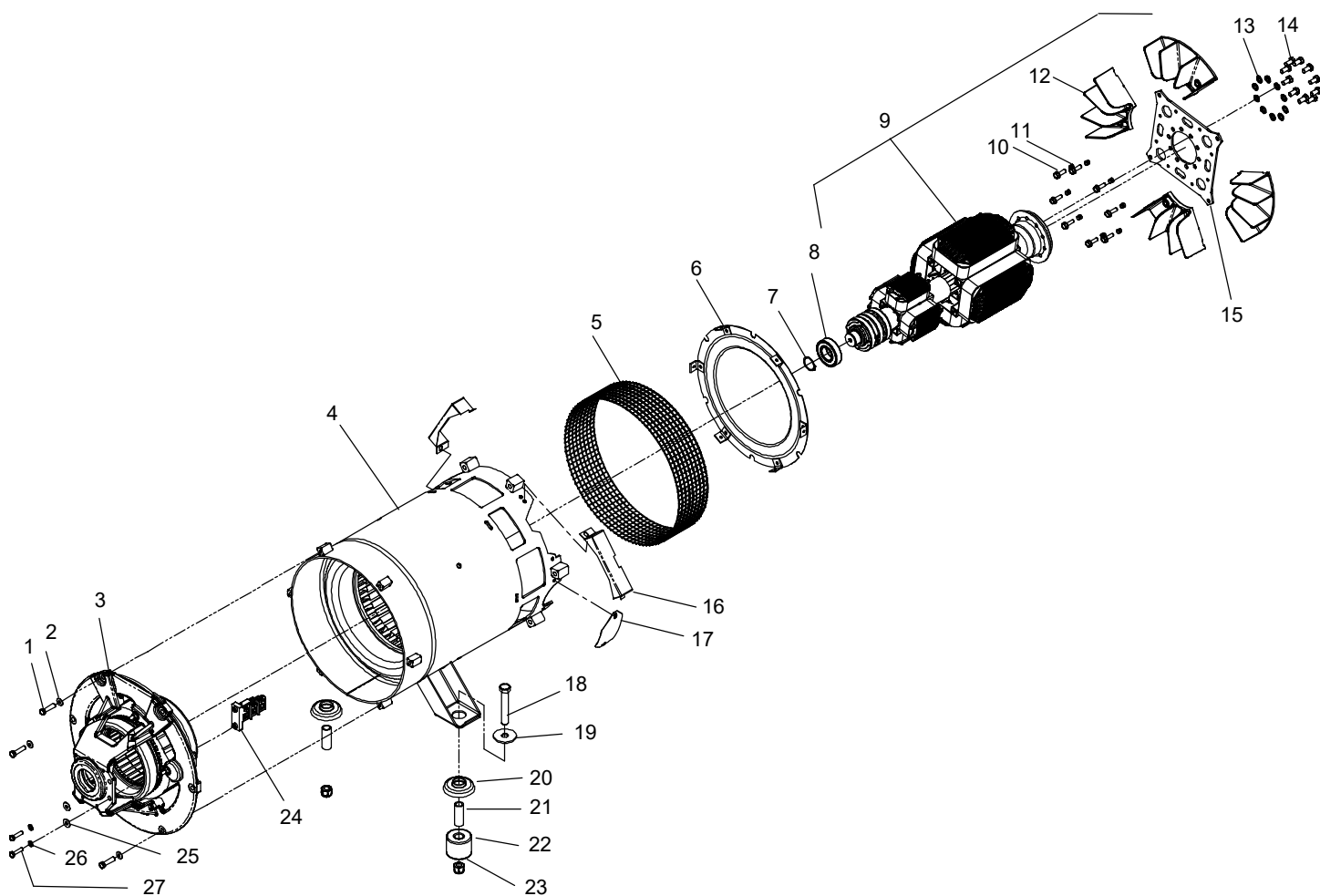
| Item No. | Dia. Mkgs.  | Part No. | Description                                       | Qty |
|----------|-------------|----------|---------------------------------------------------|-----|
| 1        |             | 271859   | Panel, Aux Power                                  | 1   |
| 2        |             | 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

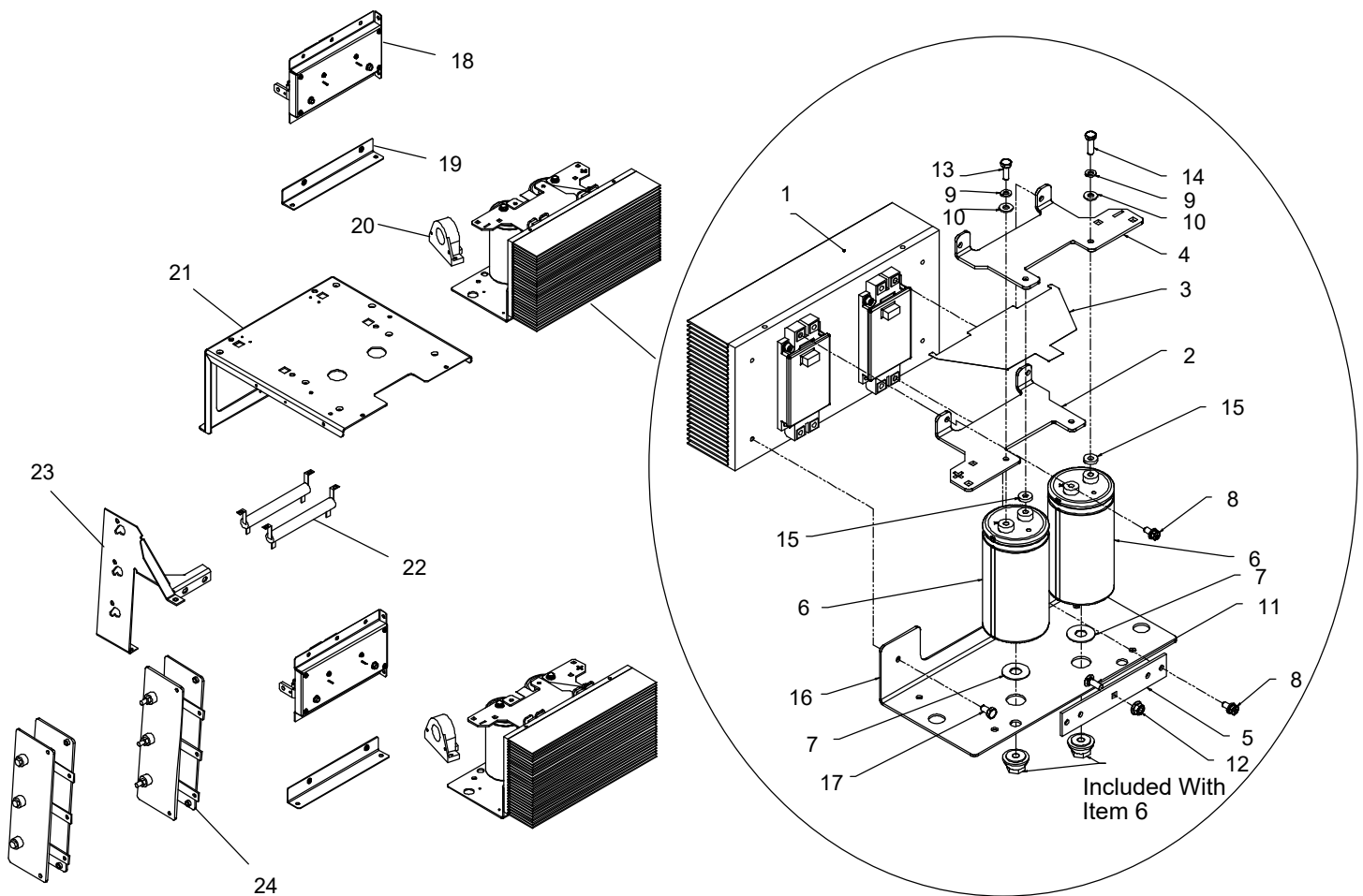
| Item No. | Dia. Mkgs. | Part No. | Description                                                 | Qty |
|----------|------------|----------|-------------------------------------------------------------|-----|
| 1        |            | 132053   | Screw, .375-16 x 1.50 Hex Hd-Pln Gr5 Pld Blk                | 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

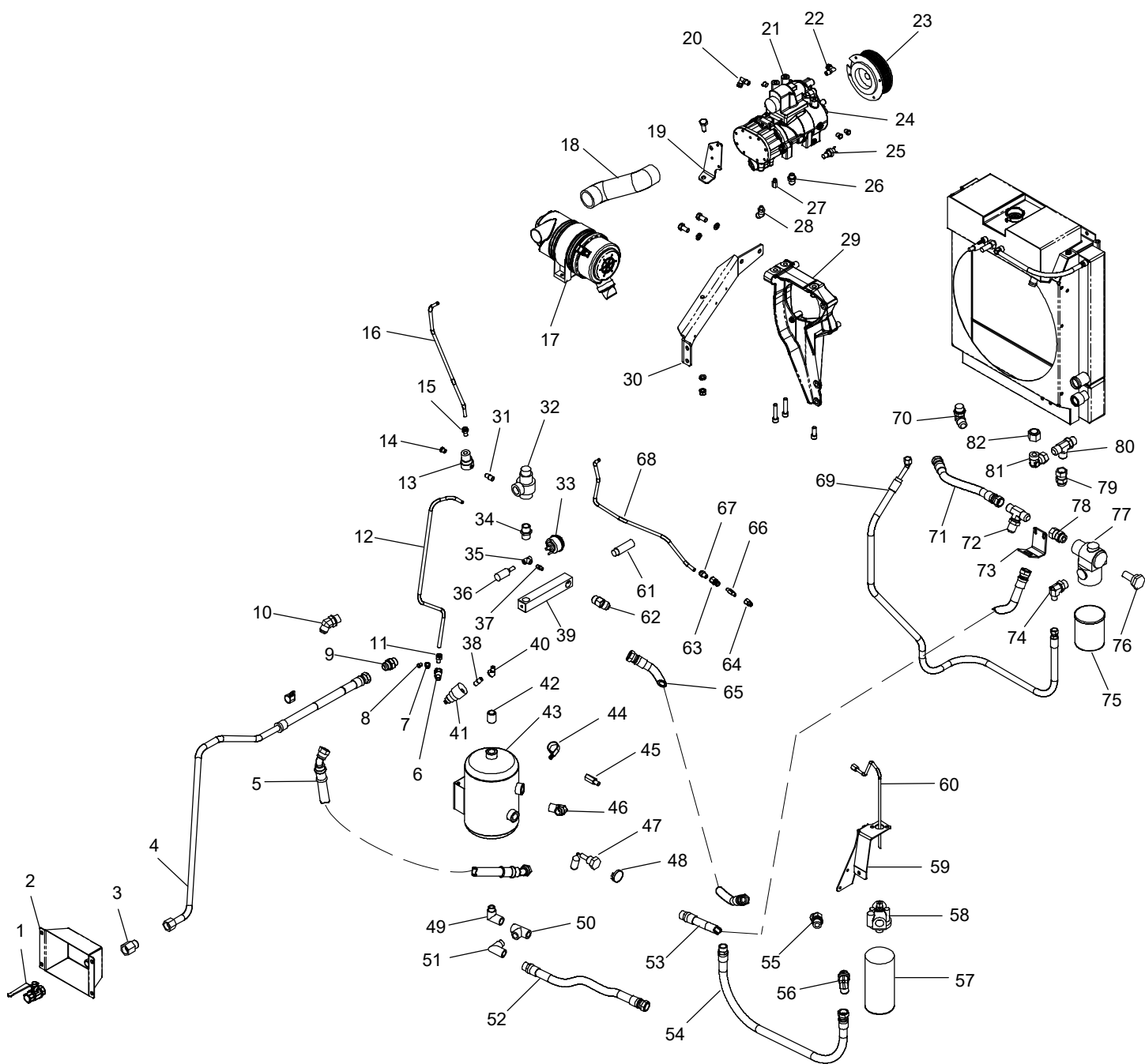
| Item No. | Dia. Mkgs. | Part No. | Description                                                | Qty |
|----------|------------|----------|------------------------------------------------------------|-----|
| /        |            | 278886   | Module, IGBT Weld Output                                   | 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-Phi 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

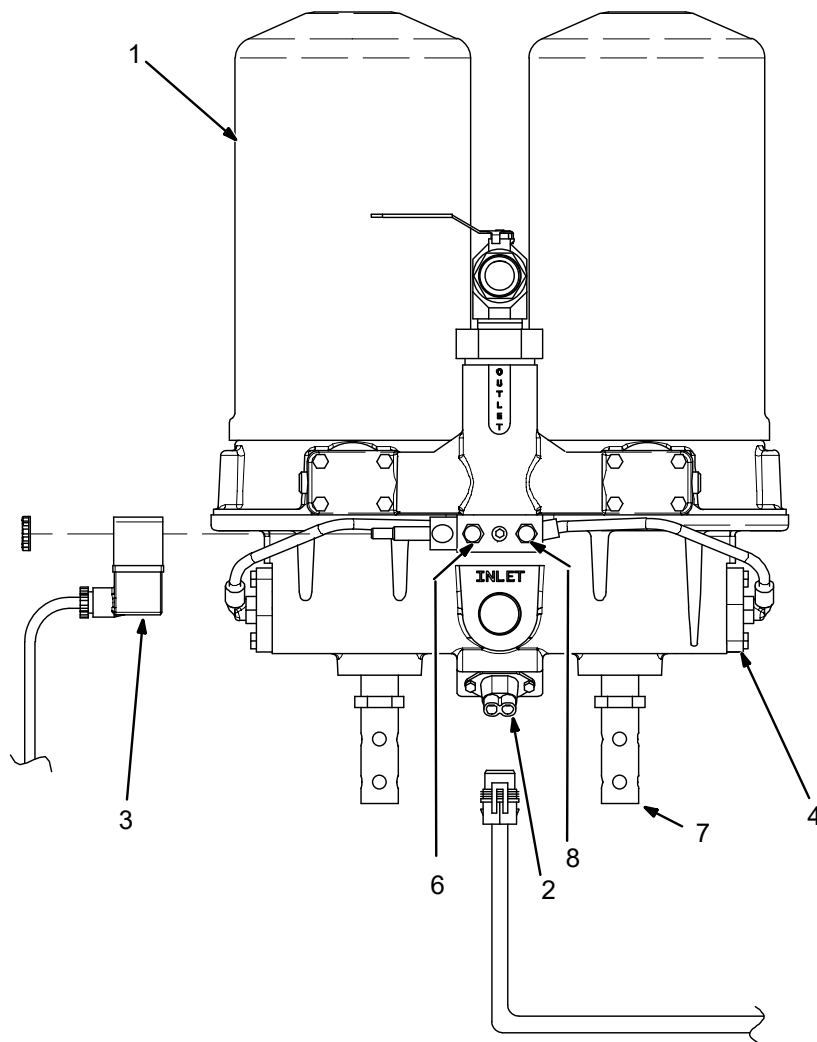
| Item No. | Dia. Mkgs. | Part No. | Description                          | Qty |
|----------|------------|----------|--------------------------------------|-----|
| * /      |            | 279121   | Filter Kit, Ingersoll Rand (Ce55 G1) | 1   |

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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   |
| /        |            | 401287   | Label, WIC WIC Models                         | 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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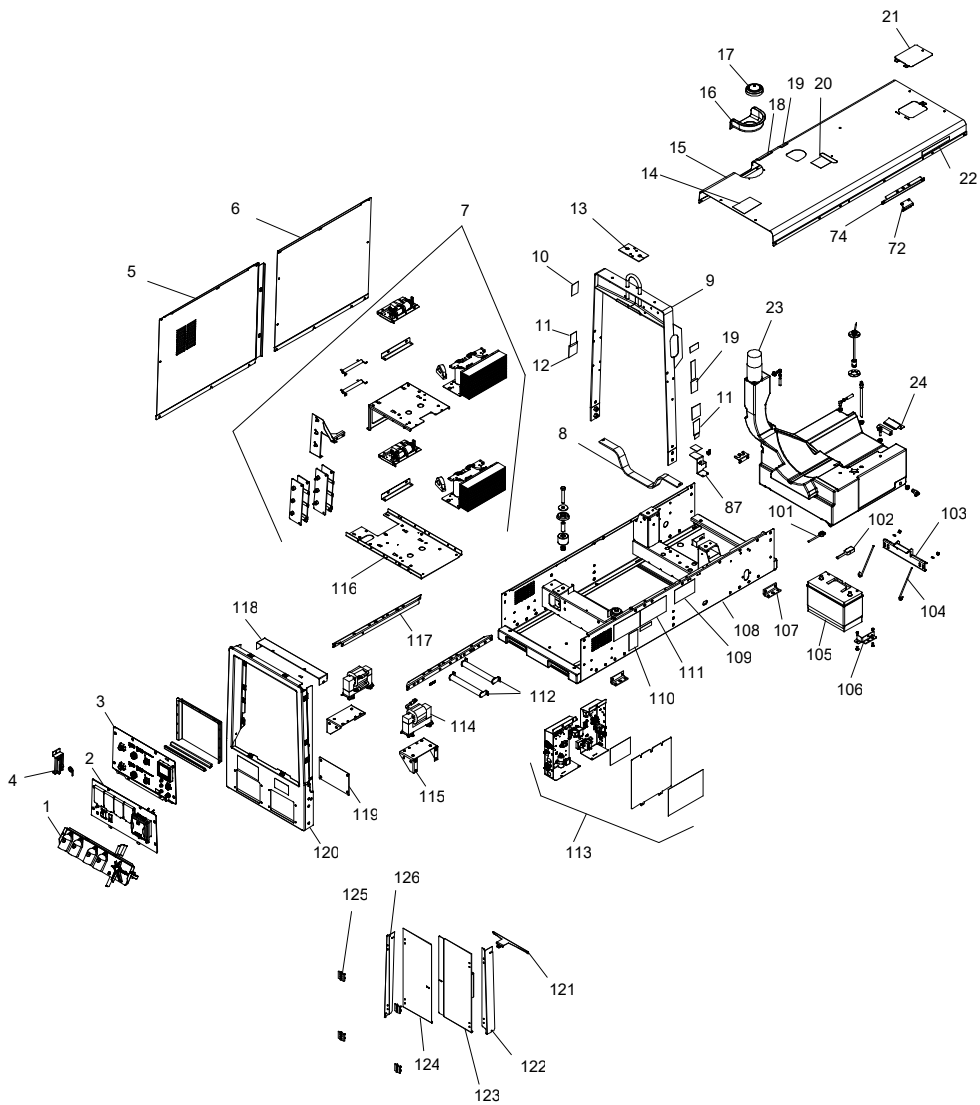
PM- 279640 H

# Big Blue 800 Duo Pro

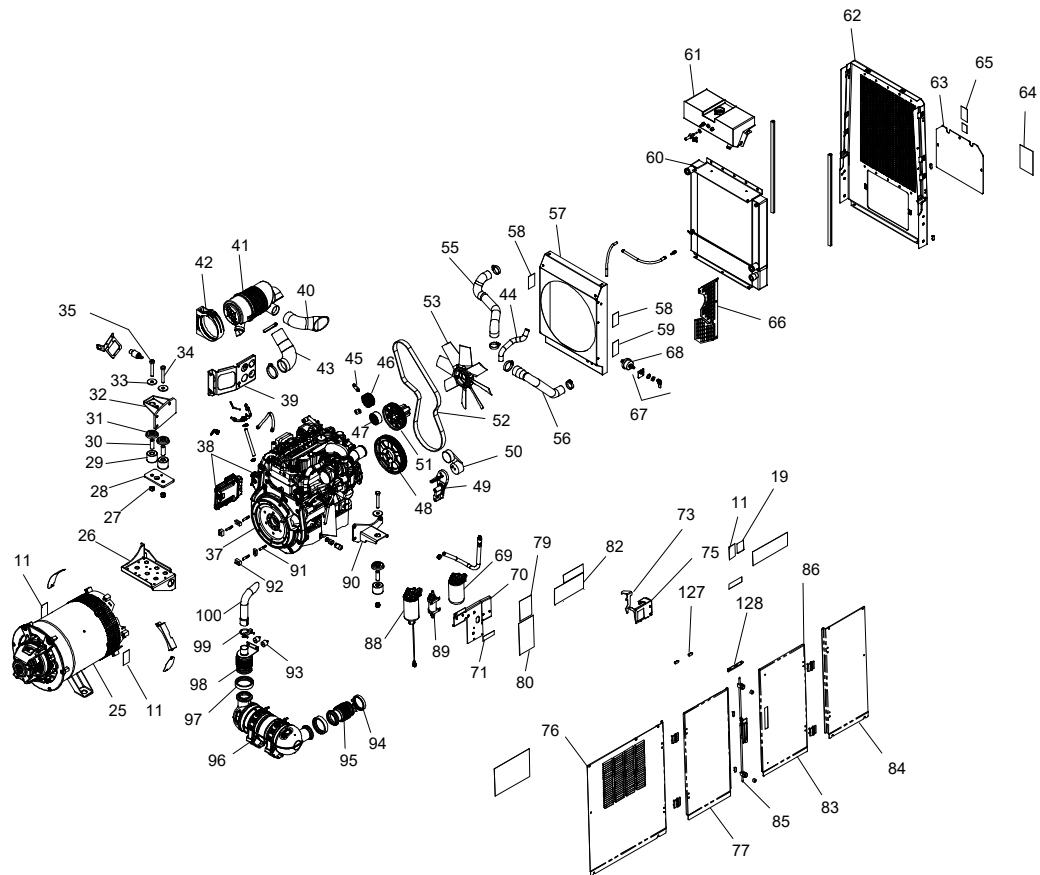
Effective with Serial Number  
MH260921R - ZZ222222R



## 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 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 Flatd-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<br>1 |
| 68       |            | 285589   | Switch, Battery Disconnect 2p 6-36V                     | MK300718R - ZZ222222R<br>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

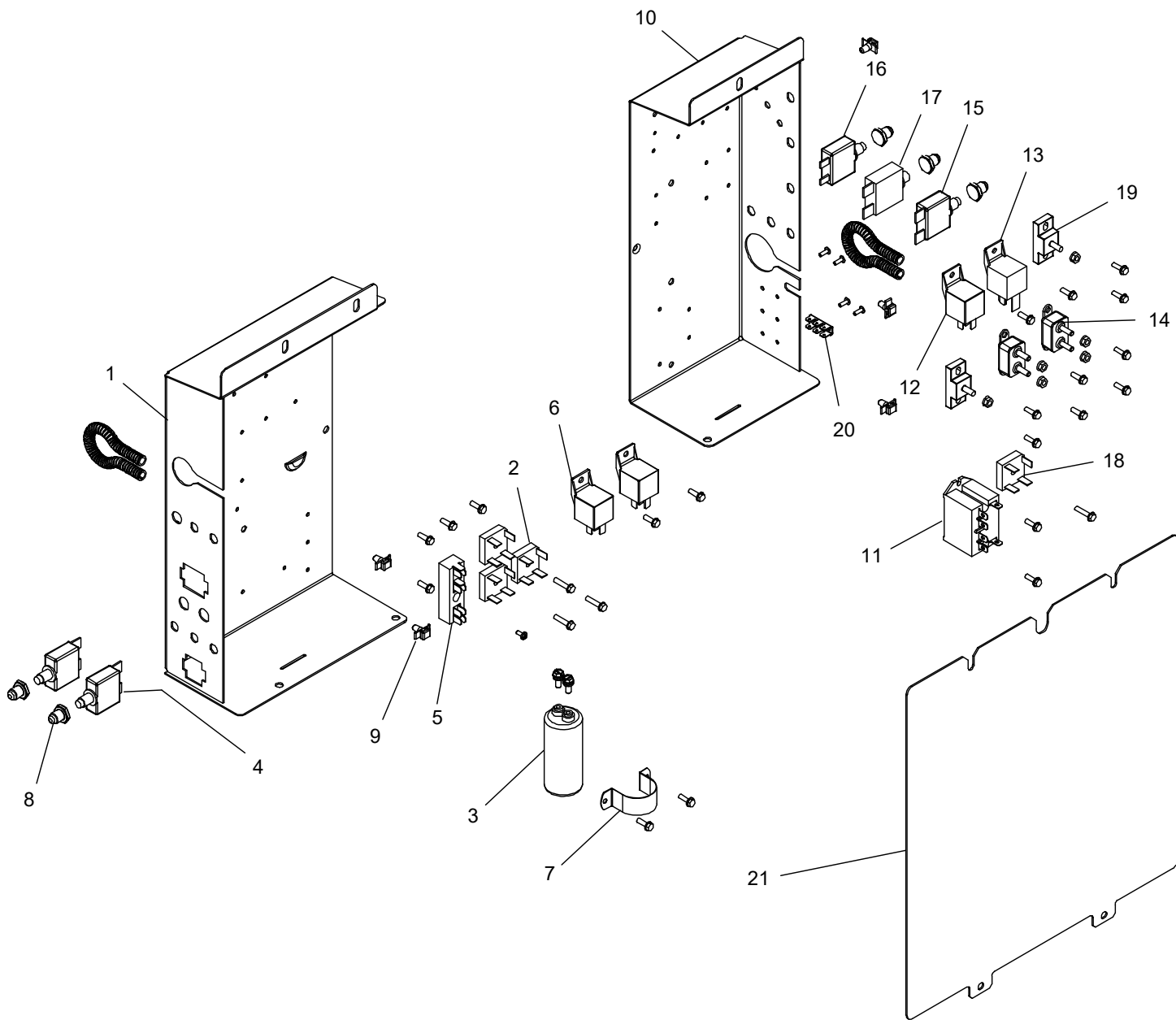
| Item No. | Dia. Mkgs. | Part No.             | Description                                         | Qty |
|----------|------------|----------------------|-----------------------------------------------------|-----|
| * 105    |            |                      | Battery, Stor 12V 925 Crk 195 Rsv 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

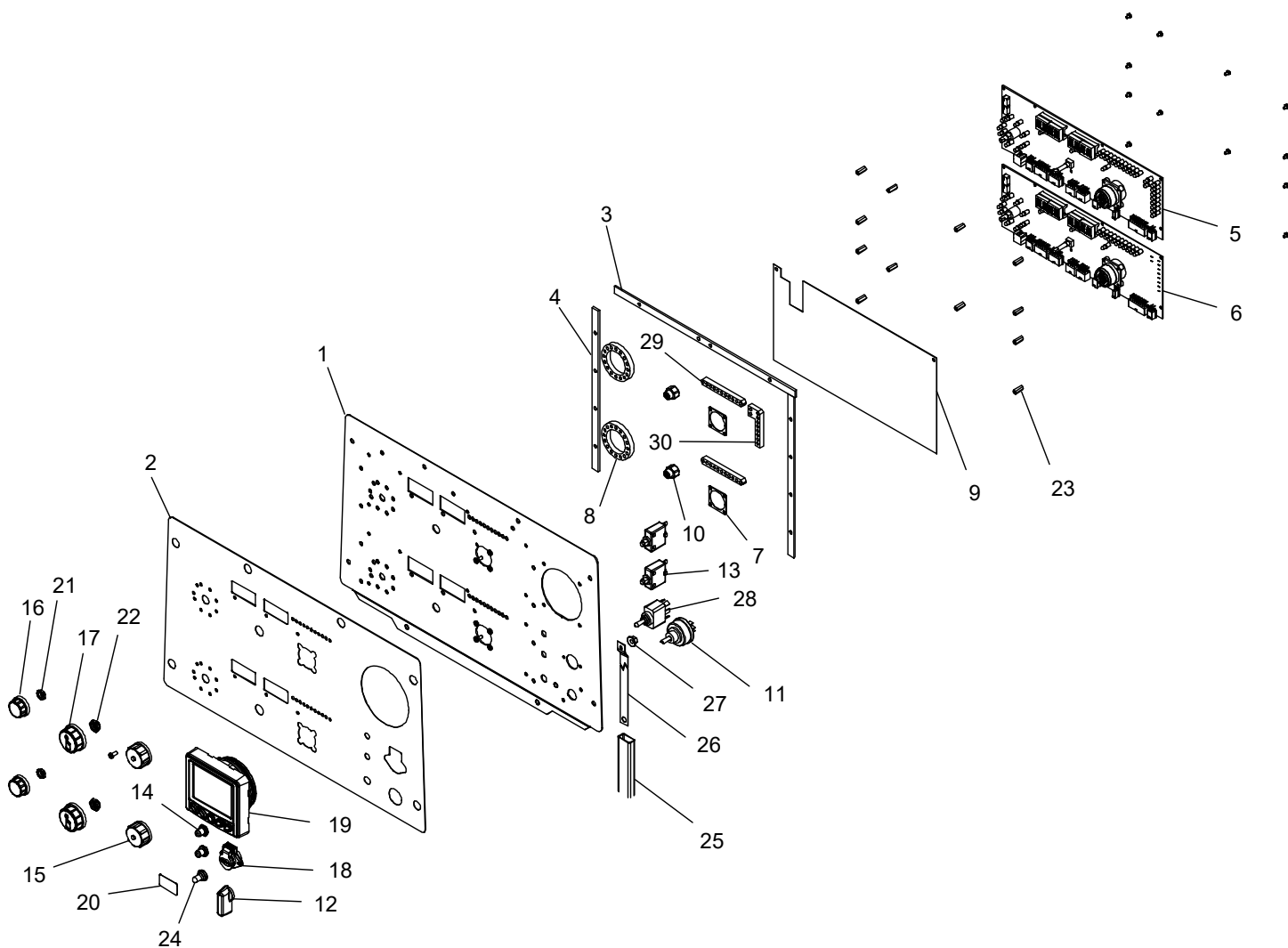
| Item No. | Dia. Mkgs.  | Part No. | Description                                                            | Qty |
|----------|-------------|----------|------------------------------------------------------------------------|-----|
| 1        |             | 258577   | Control Box, Lh                                                        | 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

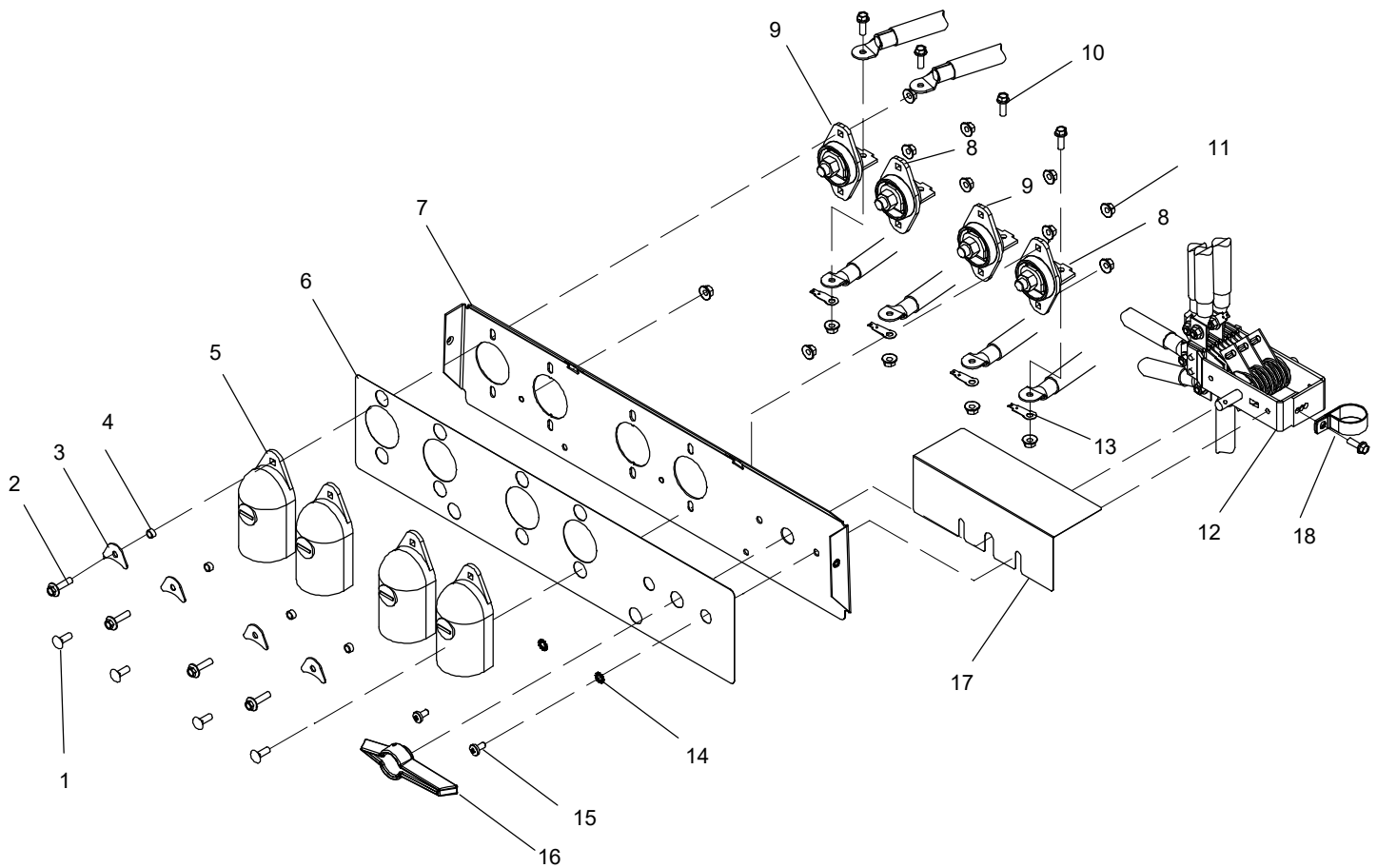
| Item No. | Dia. Mkgs. | Part No. | Description                                               | Qty  |
|----------|------------|----------|-----------------------------------------------------------|------|
| 1        |            | 275689   | Panel, Engine/Weld Control                                | 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, K40X 10 Pan Hd-Phl Stl Pld Pt Thread Forming       | 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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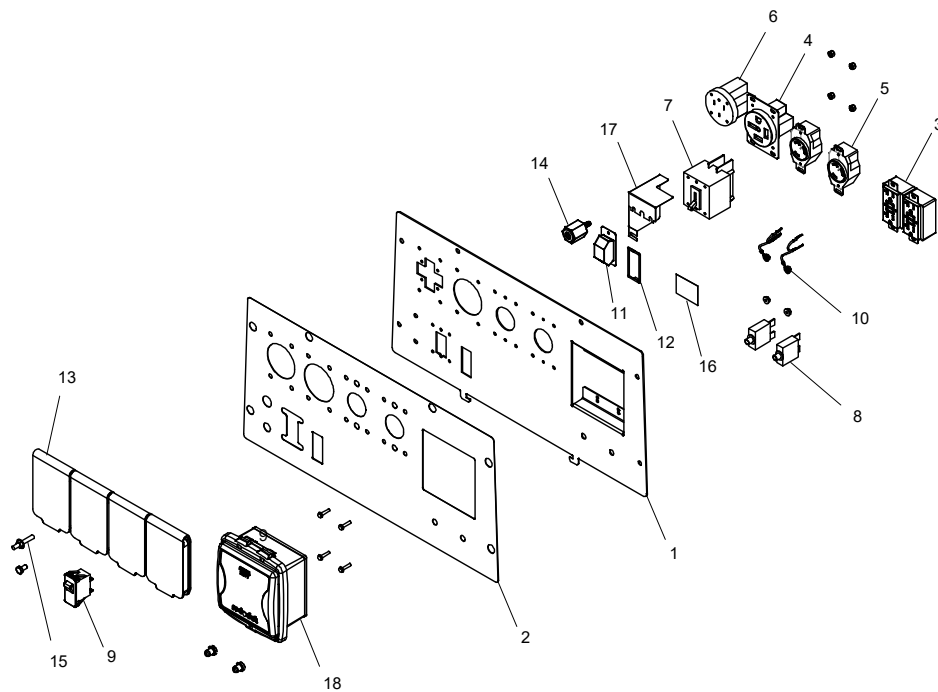
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### Weld Output Panel

| 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**

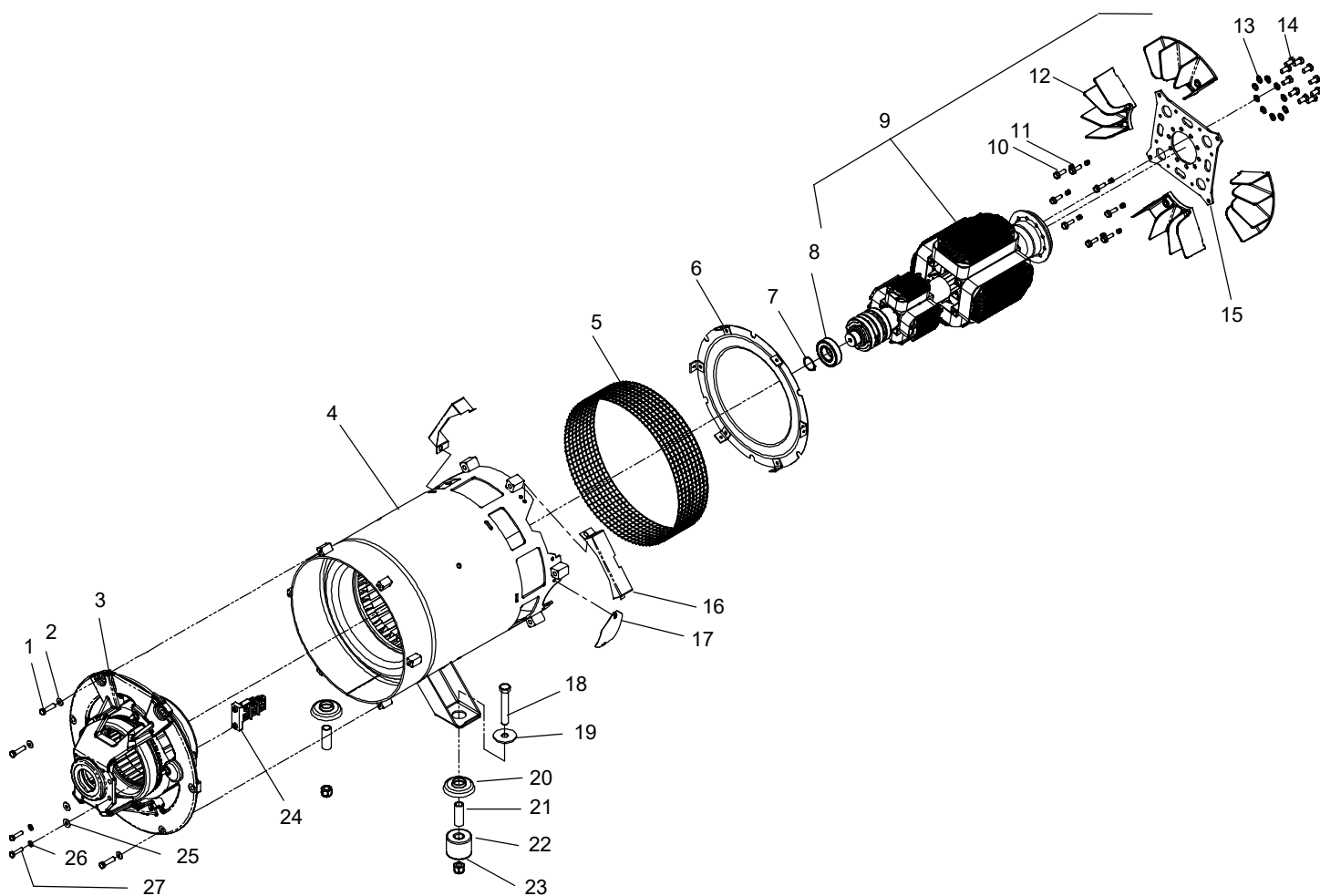
| Item No. | Dia. Mkgs.  | Part No. | Description                                       | Qty |
|----------|-------------|----------|---------------------------------------------------|-----|
| 1        |             | 271859   | Panel, Aux Power                                  | 1   |
| 2        |             | 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

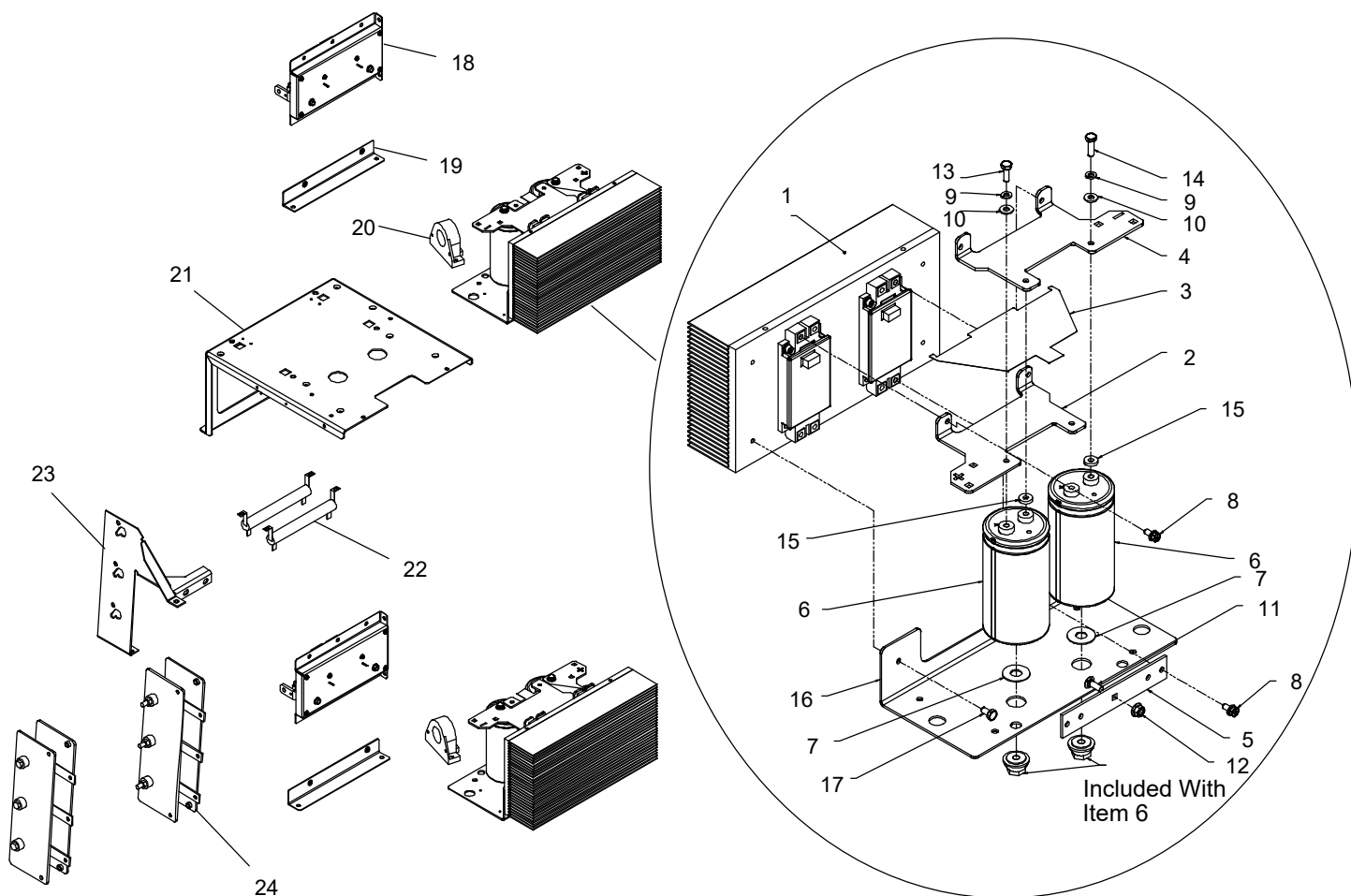
| Item No. | Dia. Mkgs. | Part No. | Description                                                 | Qty |
|----------|------------|----------|-------------------------------------------------------------|-----|
| 1        |            | 132053   | Screw, .375-16 x 1.50 Hex Hd-Pln Gr5 Pld Blk                | 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   |
| /        |            | 401287   | Label, WIC <span style="float: right;">WIC Models</span> | 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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