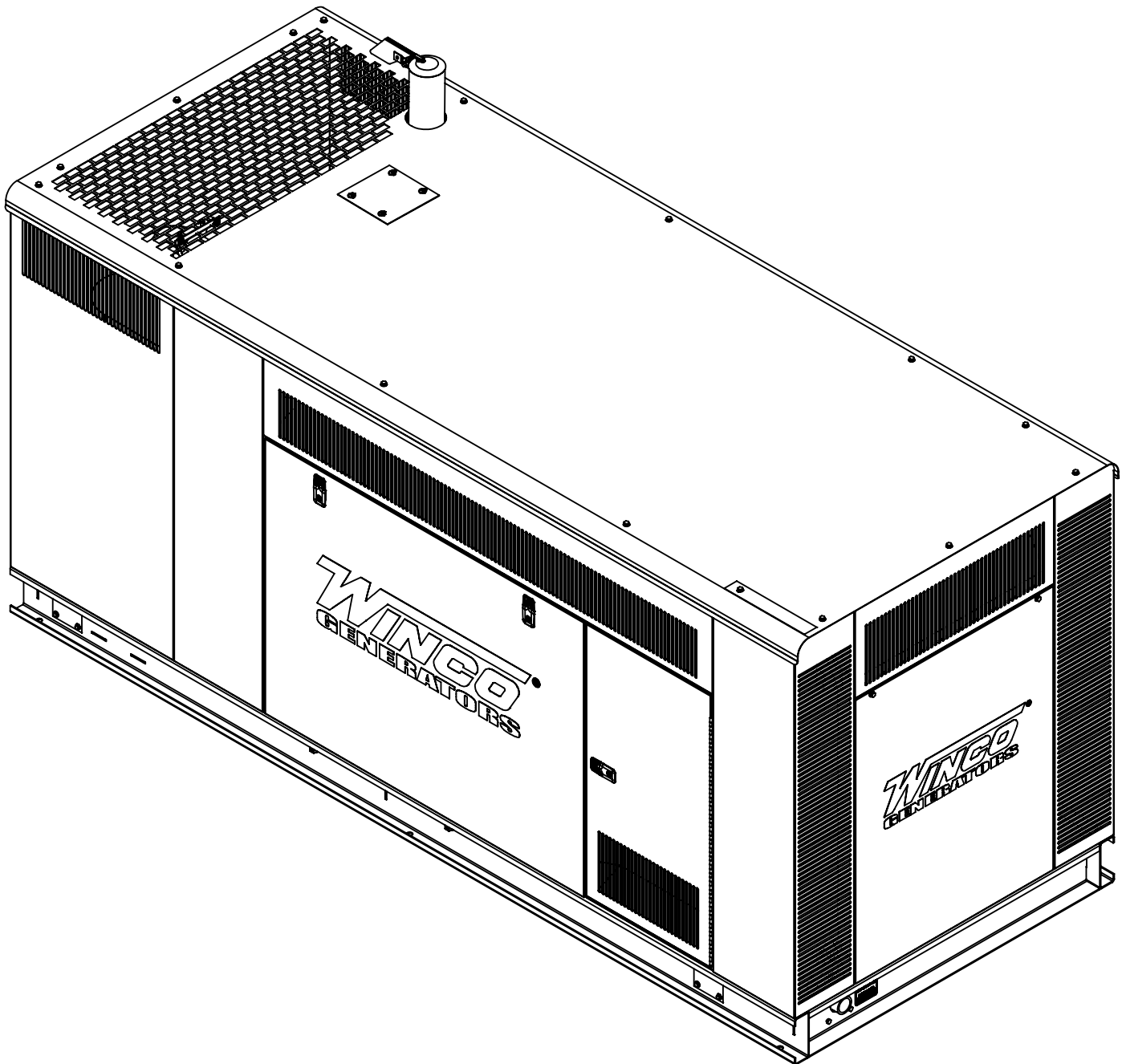


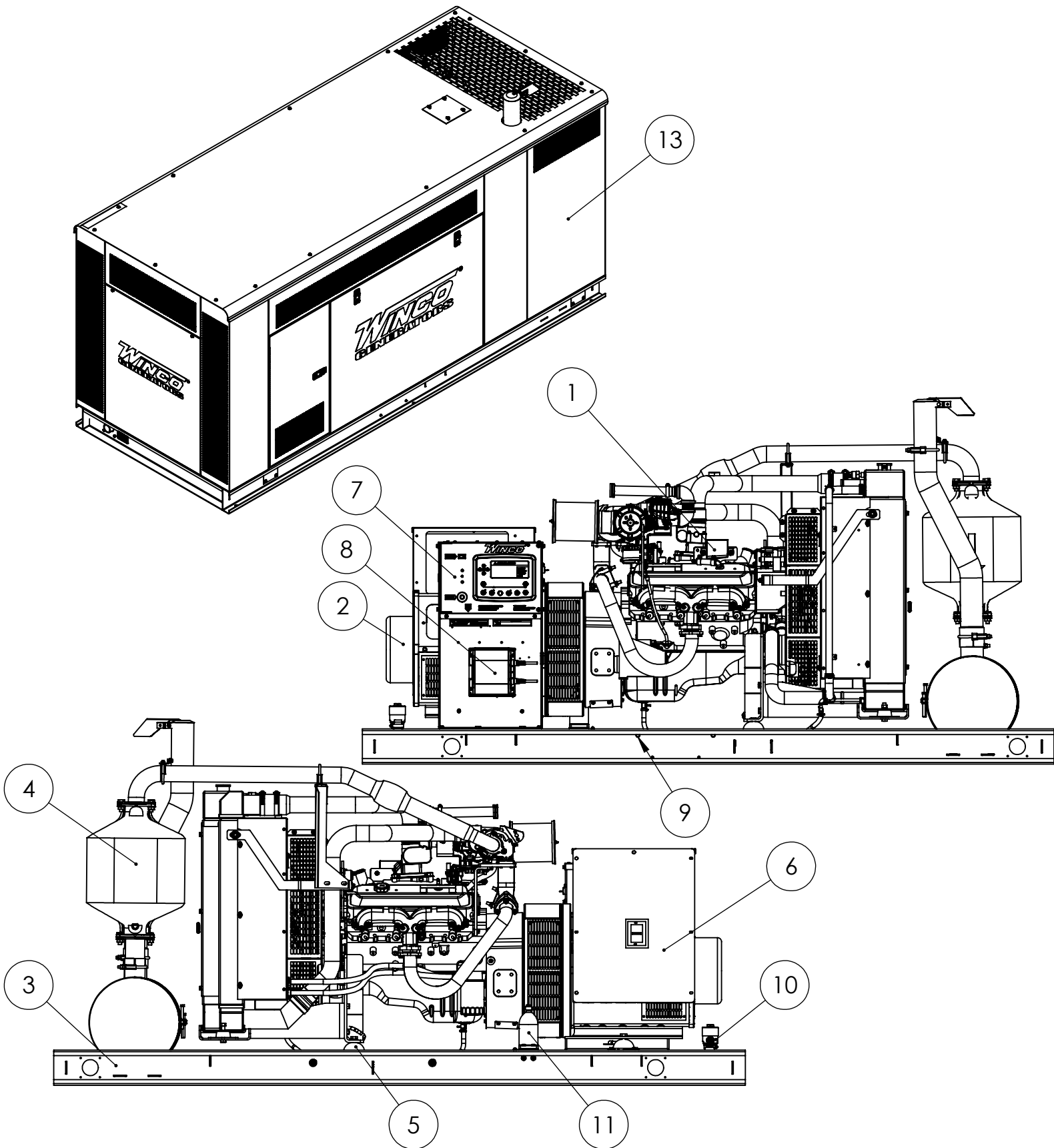


# PSS90P4-XX/G Parts List



**WINCO Service**  
Phone: 507-357-6831  
Email: [service@wincogen.com](mailto:service@wincogen.com)  
[www.wincogen.com](http://www.wincogen.com)

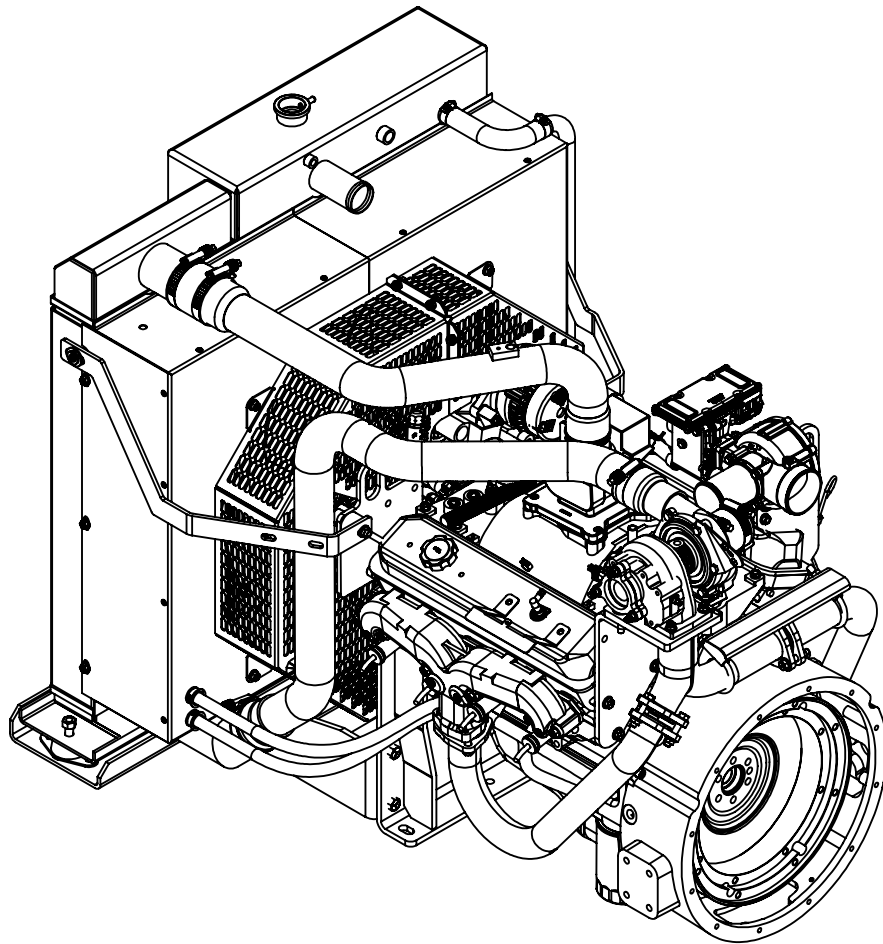
# General Assembly



## General Assembly continued

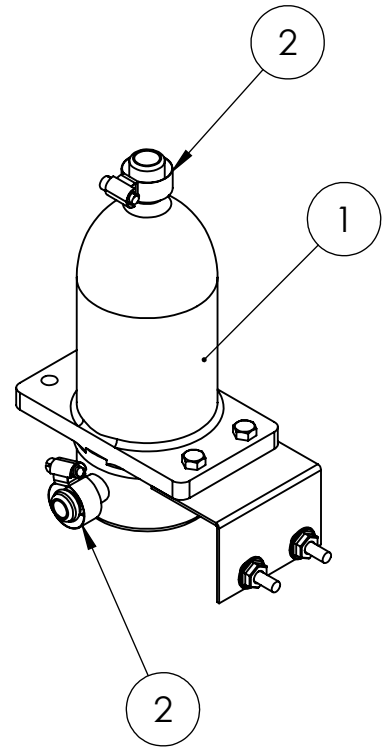
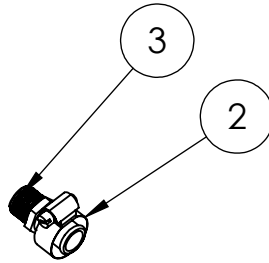
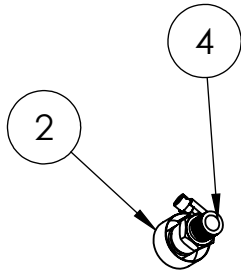
| ITEM NO. | PART NUMBER | DESCRIPTION                                | QTY. |
|----------|-------------|--------------------------------------------|------|
| 1        | 351987-9    | ENGINE GM PSI 5.7L TURBO CAC               | 1    |
| 2        | 352013-1    | GEN END UCI274C1J SAE 3 11.5               | 1    |
| 3        | 99309-103   | WELDED BASE ASSEMBLY                       | 1    |
| 4        | 99687-024   | EXHAUST ASSEMBLY                           | 1    |
| 5        | 99489-006   | HARDWARE KIT PSS90                         | 1    |
| 6        | 99836-290   | CB AND RECONNECT BOX                       | 1    |
| 7        | 351903-46   | DSE 7310 MKII CONTROL PEDESTAL<br>ASSEMBLY | 1    |
| 8        | 352020-24   | BATTERY CHARGER KIT 12V 5 AMP              | 1    |
| 9        | 99686-001   | BATTERY TRAY KIT                           | 1    |
| 10       | 99362-018   | FUEL SYSTEM PSS90                          | 1    |
| 11       | 99682-010   | BLOCK HEATER KIT                           | 1    |
| 12       | 99692-291   | GEN MOD 1 PH                               | 1    |
| 13       | 2000-0145   | HOUSING ASSEMBLY                           | 1    |
| 14       | 351559-9    | DECAL INSTALL                              | 1    |
| 15       | 99420-040   | PSS90 ENGINE HARNESS                       | 1    |

# Engine



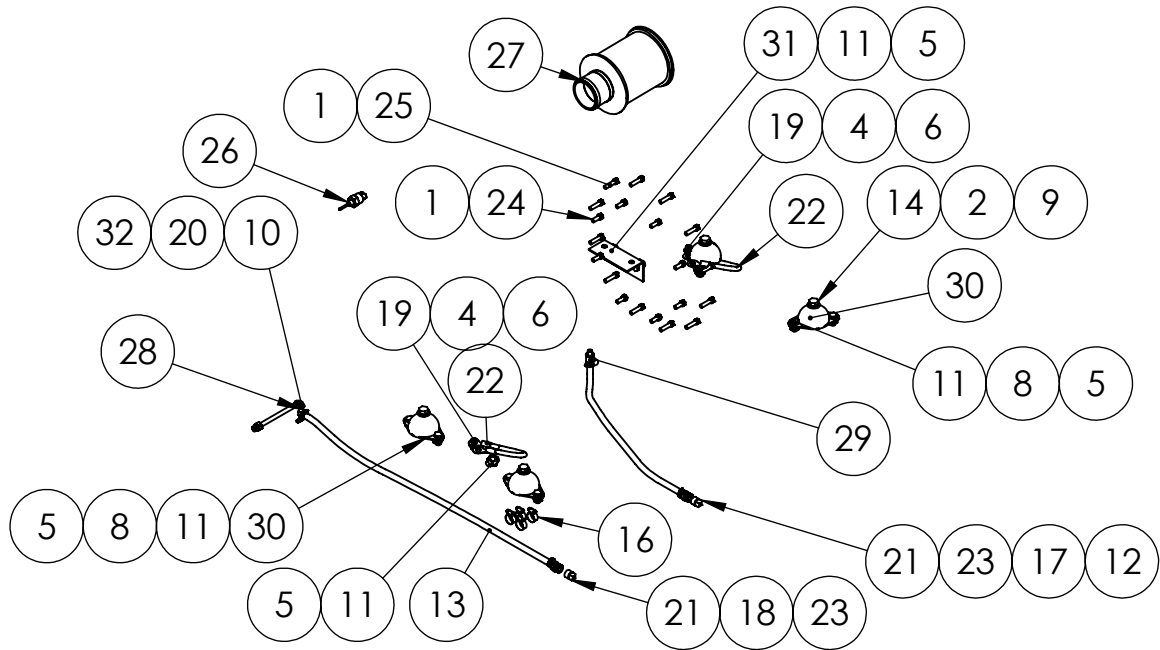
| ITEM NO.                                             | PART NUMBER | DESCRIPTION           | QTY. |
|------------------------------------------------------|-------------|-----------------------|------|
| 1                                                    | 4-126       | OIL FILTER            | 1    |
| 2                                                    | 4-105       | SPARK PLUG            | 8    |
| 3                                                    | 97294-008   | AIR FILTER            | 1    |
| 4                                                    | 4-101       | FAN / ALTERNATOR BELT | 1    |
| 5                                                    | 4-102       | UPPER RADIATOR HOSE   | 1    |
| 6                                                    | 4-103       | LOWER RADIATOR HOSET  | 1    |
| Contact Winco service for full engine parts support. |             |                       |      |

# Block Heater



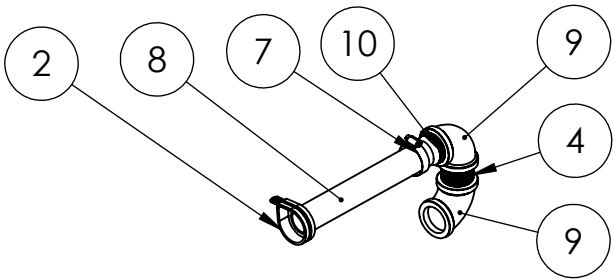
| ITEM NO. | PART NUMBER | DESCRIPTION                              | QTY. |
|----------|-------------|------------------------------------------|------|
| 1        | 80781-003   | BLOCK HEATER ASSEMBLY                    | 1    |
| 2        | 81018-005   | HOSE CLAMP 1.0625-.500                   | 4    |
| 3        | 92388-000   | HOSE FIT .375NPT X .625 HOSE             | 1    |
| 4        | 350341      | HOSE FITTING 1/4 NPT (M) X 5/8 HOSE BARB | 1    |
| 5        | 56107-000   | HOSE 0.625ID HTR RED 32IN LONG           | 1    |
| 6        | 56107-000   | HOSE 0.625ID HTR RED 36IN LONG           | 1    |
| 7        | 62625-004   | 30IN HEAT SLEEVE                         | 1    |
| 8        | 62625-004   | 12IN HEAT SLEEVE                         | 1    |

# Hardware Kit

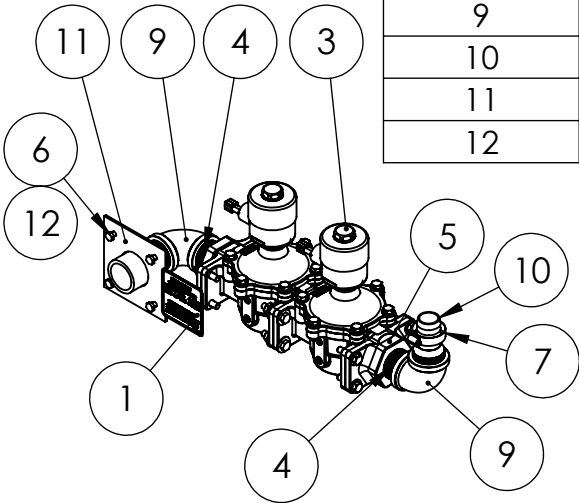


| ITEM NO. | PART NUMBER | DESCRIPTION                           | QTY. |
|----------|-------------|---------------------------------------|------|
| 1        | 481-001     | LOCKWASHER 3/8 SPLIT BLACK            | 20   |
| 2        | 636-000     | LOCKWASHER 1/2 SPLIT                  | 4    |
| 3        | 1744-000    | NUT HEX 1/2-13                        | 4    |
| 4        | 4516-001    | LOCKWASHER 3/8 EXTERNAL TOOTH         | 2    |
| 5        | 16248-001   | .5-13 FLANGE NUT                      | 11   |
| 6        | 16250-000   | .375-16 FLANGE NUT                    | 2    |
| 7        | 20039-000   | LOCKWASHER 1/2 EXTERNAL TOOTH         | 1    |
| 8        | 21867-001   | FLAT WASHER .51 X .88 X .05           | 8    |
| 9        | 21867-000   | FLAT WASHER                           | 4    |
| 10       | 23885-000   | ELBOW PIPE 1/8NPT 90                  | 1    |
| 11       | 48178-000   | HHCS 1/2-13 X 1                       | 11   |
| 12       | 55505-000   | HOSE 3/8 RUBBER 17 IN LONG            | 1    |
| 13       | 55505-000   | HOSE 3/8 RUBBER 34 IN LONG            | 1    |
| 14       | 57580-000   | HHCS 1/2-13 X 1.5 GR5                 | 4    |
| 15       | 62625-004   | HOSE HEAT SLEEVE 20"                  | 1    |
| 16       | 81018-005   | HOSE CLAMP 1.0625-.500                | 4    |
| 17       | 81018-008   | HOSE CLAMP .875-.25                   | 2    |
| 18       | 81018-009   | HOSE CLAMP .625-.250                  | 2    |
| 19       | 91658-001   | HHCS 3/8-16X1                         | 2    |
| 20       | 92386-010   | 1/8 NPT X 6" PIPE NIPPLE              | 1    |
| 21       | 93084-000   | PIPE PLUG .50 GALV                    | 2    |
| 22       | 93542-017   | LEAD WIRE ASSY                        | 2    |
| 23       | 94319-008   | HOSE FIT. .500-14NPT X .375 HOSE BARB | 2    |
| 24       | 96000-002   | .375-16X1 HHB                         | 8    |
| 25       | 96000-004   | HEX HEAD BOLT 3/8-16 X 1.5            | 12   |
| 26       | 96333-005   | PROBE, LOW COOLANT, 3-WIRE, 1_4 BSPT  | 1    |
| 27       | 97294-005   | AIR FILTER ASSEMBLY                   | 1    |
| 28       | 98771-003   | PETCOCK                               | 1    |
| 29       | 98906-009   | OIL DRAIN VALVE M12-1.75 X 3/8 F-107N | 1    |
| 30       | 98956-001   | SHOCKMOUNT 40 DURO (GREEN DOT)        | 4    |
| 31       | 99826-503   | SUPPORT BRACKET                       | 1    |
| 32       | 300349-5    | ADAPTER M14-1.5M X 1/8 27 NPT F       | 1    |

# Fuel System - Vapor

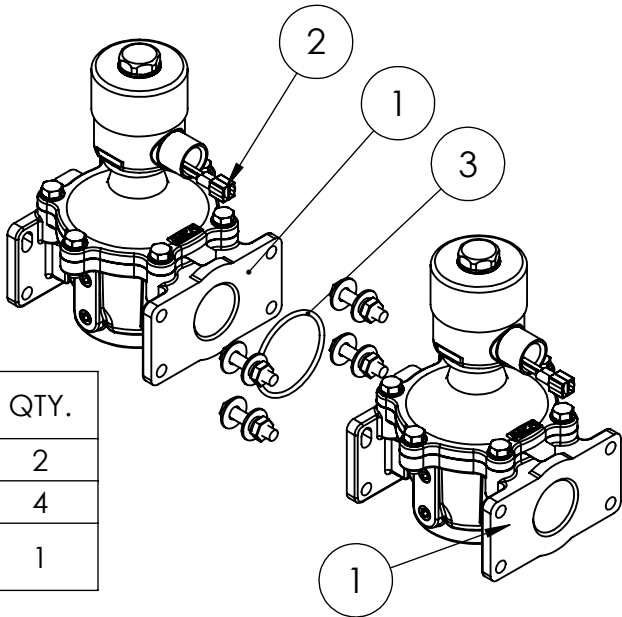


| ITEM NO. | PART NUMBER | DESCRIPTION                     | QTY. |
|----------|-------------|---------------------------------|------|
| 1        | 15210-015   | FUEL PRESSURE DECAL             | 1    |
| 2        | 15374-002   | TUBE CLIPS                      | 1    |
| 3        | 16135-002   | MODIFIED FUEL VALVE ASSY        | 1    |
| 4        | 22762-000   | PIPE NIPPLE 1.25NPT X 2 BLACK   | 4    |
| 5        | 42943-001   | ADAPTER FLANGE 1.25' ASCO VALVE | 1    |
| 6        | 65000-000   | .25-20X.625 SS HHCS             | 4    |
| 7        | 81018-001   | HOSE CLAMP 1.25-2.25            | 2    |
| 8        | 81103-000   | HOSE 1.25ID UNCUT PROPANE       | 1    |
| 9        | 92042-000   | ELBOW PIPE 1.25NPT 90           | 4    |
| 10       | 92388-008   | HOSE FIT 1.25 NPT X 1.25 HOSE   | 2    |
| 11       | 99065-005   | FUEL WELDMENT 1.25"             | 1    |
| 12       | 16248-000   | .25-20 FLANGE NUT               | 4    |

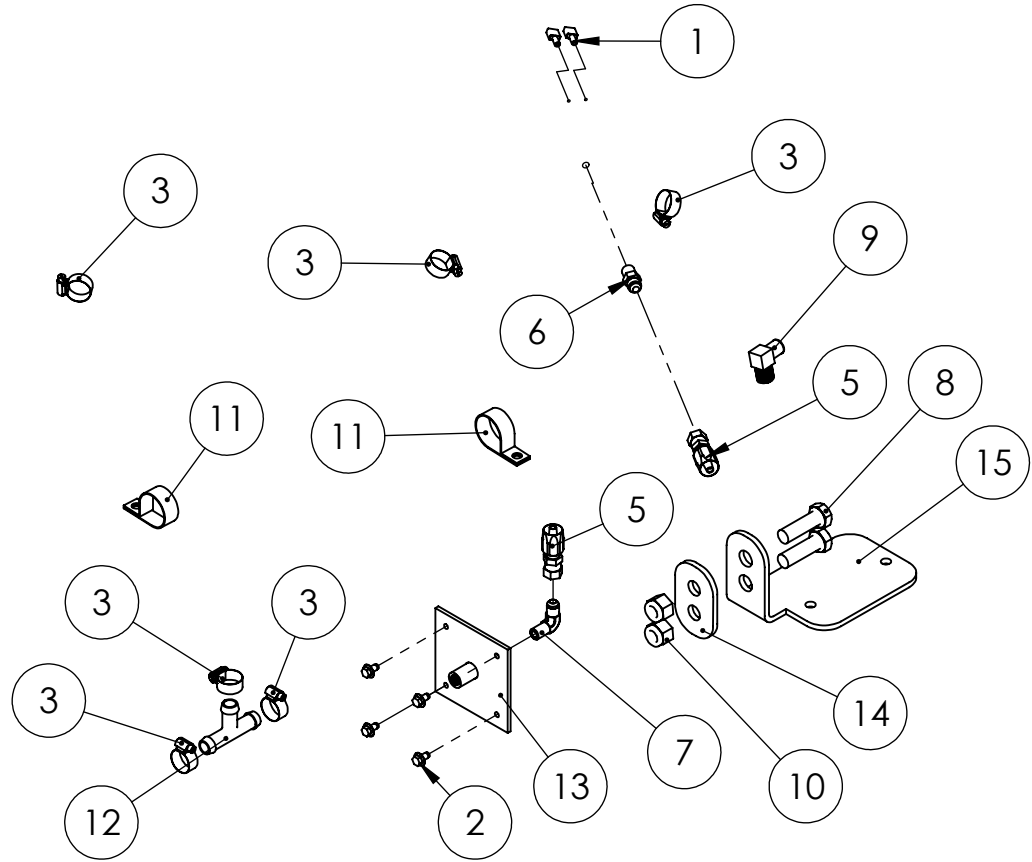


## Modified Fuel Valve Assembly

| ITEM NO. | PART NUMBER | DESCRIPTION                              | QTY. |
|----------|-------------|------------------------------------------|------|
| 1        | 42943-125   | SOLENOID GAS VALVE 12VDC 1.25" NPT       | 2    |
| 2        | 48602-004   | TERMINAL MALE 16-14 AWG .250 TAB         | 4    |
| 3        | 42943-002   | ORING KIT 1" & 1.25" ASCO FLANGED VALVES | 1    |

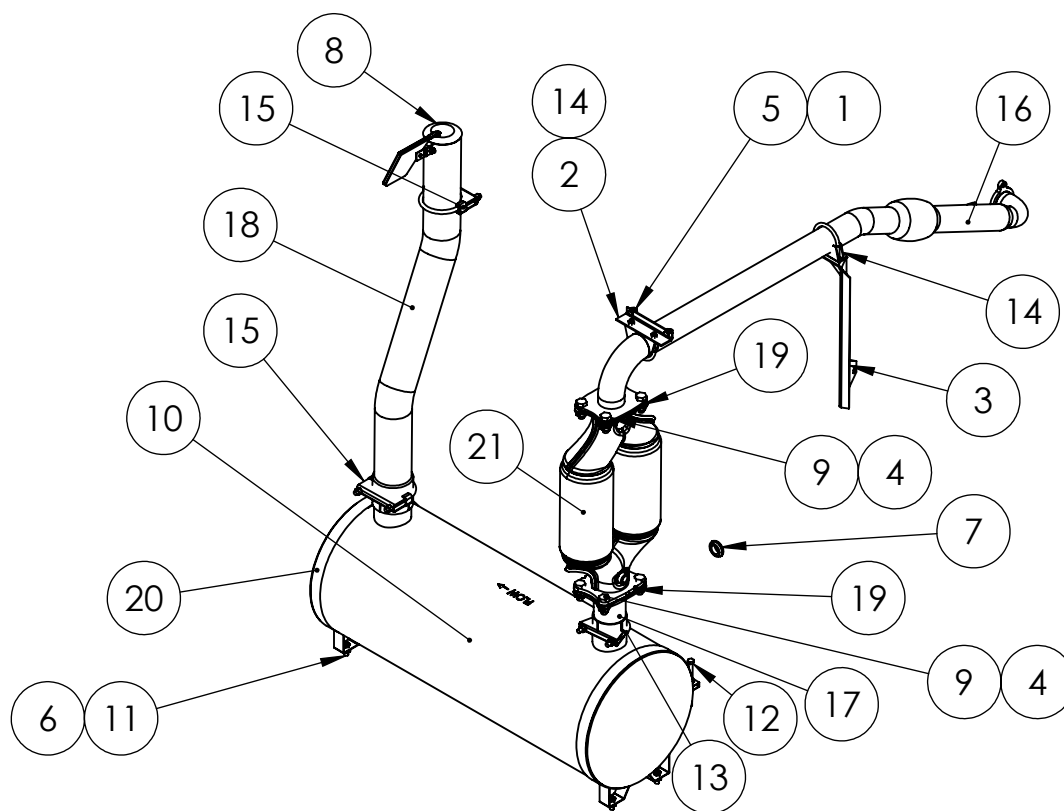


# Fuel System - Lequid Withdrawl



| ITEM NO. | PART NUMBER | DESCRIPTION                         | QTY. |
|----------|-------------|-------------------------------------|------|
| 1        | 48602-004   | TERMINAL MALE 16-14 AWG .250 TAB    | 2    |
| 2        | 65004-000   | .25-20X.5 SELF TAP SS               | 4    |
| 3        | 81018-005   | HOSE CLAMP 1.0625-.500              | 6    |
| 4        | 81640-000   | HOSE 5/16ID UNCUT RUBR.LP           | 76   |
| 5        | 81642-000   | HOSE FIT.FLARE JIC37° 3/8(9/16-18)  | 2    |
| 6        | 81643-001   | HOSE FITTING JIC3/8 - 1/4 NPT       | 1    |
| 7        | 81643-002   | HOSE FITTING JIC 3/8 - 1/4 NPT 90   | 1    |
| 8        | 91083-004   | .625-11X2 HHCS GR5                  | 2    |
| 9        | 92382-001   | HOSE FIT.ELBOW .500NPT X .625 HOSE  | 1    |
| 10       | 95468-000   | .625-11 NYLOCK                      | 2    |
| 11       | 97391-008   | TUBE CLAMP 1.25"                    | 2    |
| 12       | 97484-009   | HOSE FIT. TEE .625IN STEEL          | 1    |
| 13       | 99065-001   | FUEL INLET WELDMENT                 | 1    |
| 14       | 99367-191   | MOUNTING PLATE                      | 1    |
| 15       | 99367-192   | LIQUID WITHDRAWAL MOUNTING BRACKET  | 1    |
| 16       | 93689-001   | HOSE (5-8") HTR UNCUT               | 1    |
| 17       | 62487-001   | LOOM 1IN OD                         | 1    |
| 18       | 62625-004   | 50IN HEAT SLEEVE                    | 1    |
| 19       | 99420-029   | LPG FUEL SOLENOID EXTENSION HARNESS | 1    |

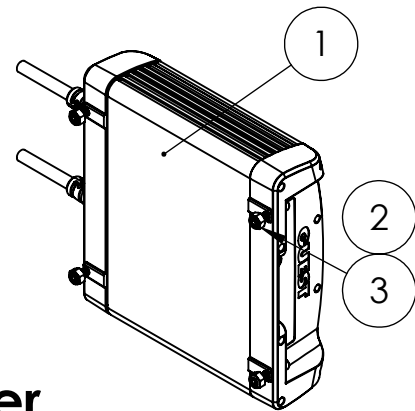
# Exhaust System



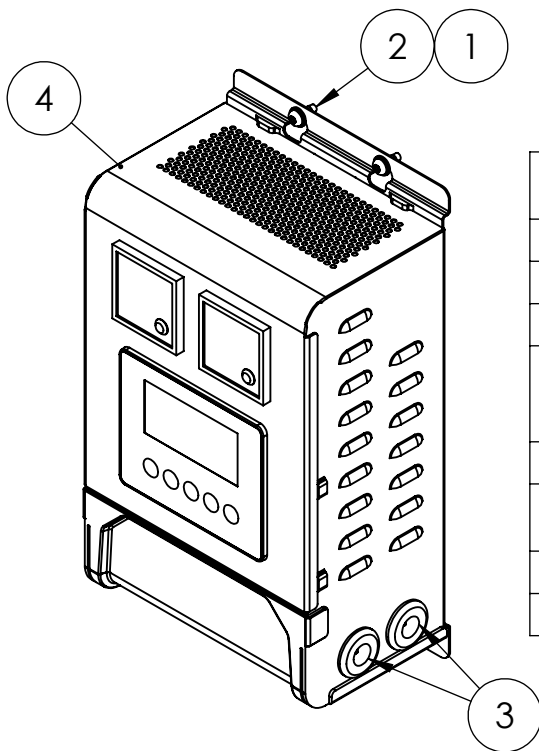
| ITEM NO. | PART NUMBER | DESCRIPTION                         | QTY. |
|----------|-------------|-------------------------------------|------|
| 1        | 476-000     | .25-20X.625 HHB                     | 2    |
| 2        | 16009-002   | EXHAUST SUPPORT                     | 1    |
| 3        | 16009-003   | EXHAUST SUPPORT BRACKET             | 1    |
| 4        | 16248-001   | .5-13 FLANGE NUT                    | 8    |
| 5        | 16248-000   | .25-20 FLANGE NUT                   | 2    |
| 6        | 16250-000   | .375-16 FLANGE NUT                  | 4    |
| 7        | 16302-000   | GROMMET .875ID X 1.25               | 1    |
| 8        | 53111-005   | 3.5" RAIN CAP                       | 1    |
| 9        | 57580-000   | HHCS 1/2-13 X 1.5 GR5               | 8    |
| 10       | 80519-019   | CRITICAL GRADE SILENCER             | 1    |
| 11       | 91658-001   | HHCS 3/8-16X1                       | 4    |
| 12       | 91658-014   | .375-16X3.5 HHB                     | 2    |
| 13       | 93489-001   | MUFFLER CLAMP 3"                    | 1    |
| 14       | 93489-002   | MUFFLER CLAMP 2.5"                  | 2    |
| 15       | 93489-000   | 3.5" EXHAUST CLAMP                  | 2    |
| 16       | 99298-025   | EXHAUST FLEX                        | 1    |
| 17       | 99298-036   | CATALYTIC CONVERTER TO MUFFLER PIPE | 1    |
| 18       | 99298-037   | TAIL PIPE                           | 1    |
| 19       | 300541-3    | GM, CATALYTIC CONVERTER GASKET      | 2    |
| 20       | 350264-6    | MOUNTING BAND                       | 2    |
| 21       | 351999-2    | CATALYTIC CONVERTER 5.7LT           | 1    |

## Battery Charger

| ITEM NO. | PART NUMBER | DESCRIPTION                                               | QTY. |
|----------|-------------|-----------------------------------------------------------|------|
| 1        | 72036-023   | BATTERY CHARGER, 120VAC/12VDC, 5.0 AMP, GUEST MODEL 2708A | 1    |
| 2        | 64872-001   | SOC.HCS 10-24 X 1 BLK                                     | 4    |
| 3        | 5315-000    | NUT HEX 10-24 NYLON                                       | 4    |



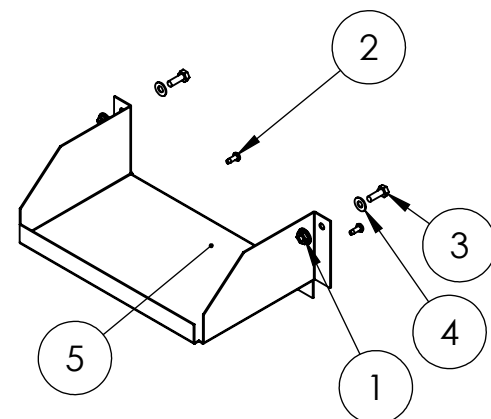
## NFPA Battery Charger



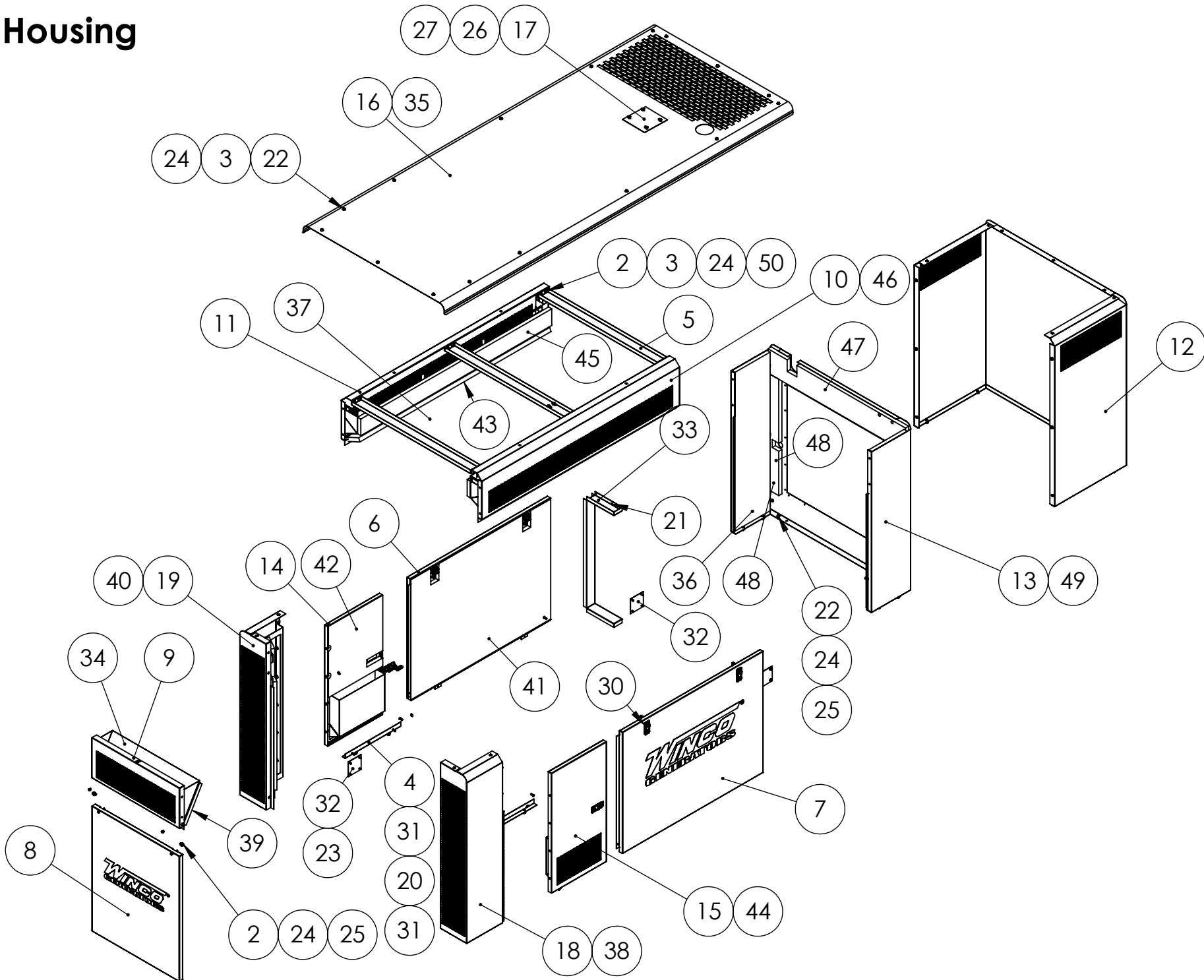
| ITEM NO. | PART NUMBER | DESCRIPTION                                                                  | QTY. |
|----------|-------------|------------------------------------------------------------------------------|------|
| 1        | 598-000     | #10 WASHER                                                                   | 4    |
| 2        | 21698-001   | TORX PAN HEAD SCREW #10                                                      | 4    |
| 3        | 40730-000   | GROMMET .5ID X .8125                                                         | 3    |
| 4        | 72036-020   | BATTERY CHARGER, 12VDC, 10AMP, DSE MODEL BC2410EI-02 LCD AND METERS NFPA 110 | 1    |
| 5        | 95064-006   | FUSE AGC 10 AMP                                                              | 1    |
| 6        | 96922-001   | PWR.SUP.CORD, 16/3, 8 FEET W/5-15P PLUG                                      | 1    |
| 7        | 7547-000    | TERMINAL RING 16/14AWG .375 STUD                                             | 2    |
| 8        | 2489-004    | IN-LINE FUSE HOLDER                                                          | 1    |

## Battery Tray Kit

| ITEM NO. | PART NUMBER | DESCRIPTION             | QTY. |
|----------|-------------|-------------------------|------|
| 1        | 16248-000   | .25-20 FLANGE NUT       | 2    |
| 2        | 21698-001   | TORX PAN HEAD SCREW #10 | 2    |
| 3        | 65000-001   | .25-20X.75 SS HHCS      | 2    |
| 4        | 65005-000   | .25 WASHER SS           | 2    |
| 5        | 99317-001   | BATTERY TRAY            | 1    |
| 6        | 53220-073   | BATTERY CABLE 1GA 25 IN | 1    |
| 7        | 53220-013   | BATTERY CABLE 1GA 24 IN | 1    |



Housing

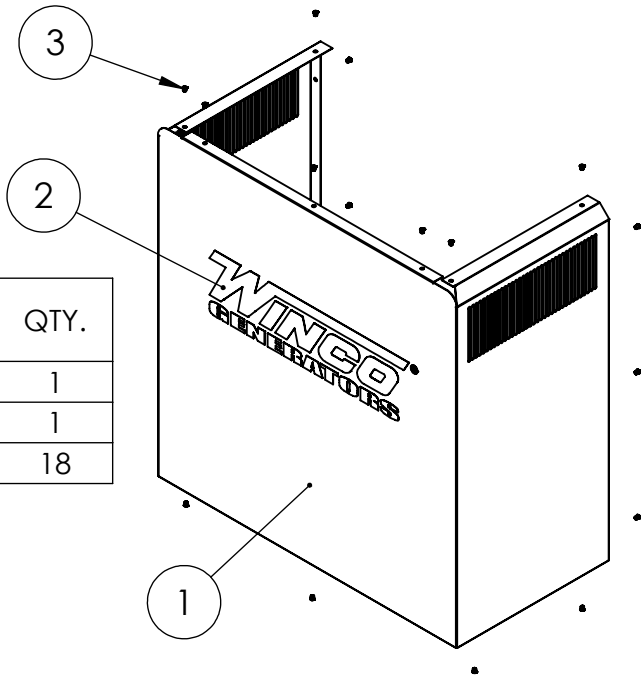


## Housing continued

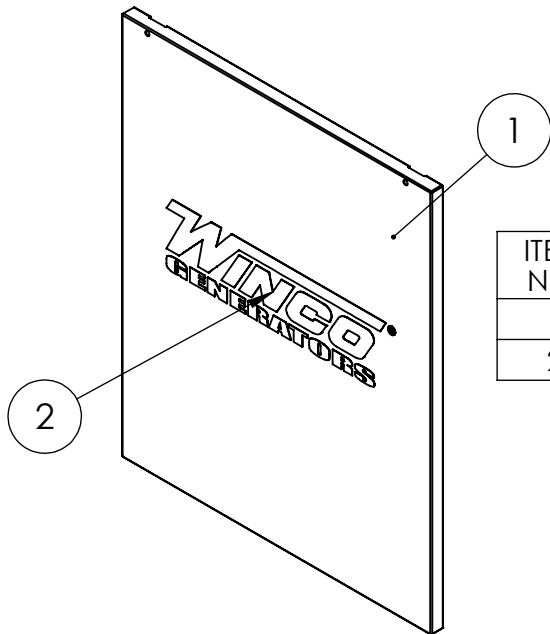
| ITEM NO. | PART NUMBER | DESCRIPTION                       | QTY. |
|----------|-------------|-----------------------------------|------|
| 1        | 466-001     | .25-20X 1.75 HHB                  | 2    |
| 2        | 466-000     | .25-20X.75 HHB                    | 26   |
| 3        | 479-000     | LOCK WASHER, .25" SPLIT           | 42   |
| 4        | 2000-0130   | DOOR STOP                         | 2    |
| 5        | 2000-0131   | ROOF SUPPORT                      | 3    |
| 6        | 2000-0132   | LEFT SIDE PANEL                   | 1    |
| 7        | 2000-0133   | PSS90 RIGHT SIDE PANEL            | 1    |
| 8        | 2000-0134   | REAR CENTER PANEL                 | 1    |
| 9        | 2000-0135   | REAR SILL                         | 1    |
| 10       | 2000-0136   | RIGHT SIDE BAFFLE ASSEMBLY        | 1    |
| 11       | 2000-0137   | LEFT SIDE BAFFLE ASSEMBLY         | 1    |
| 12       | 2000-0138   | PSS90 FRONT                       | 1    |
| 13       | 2000-0139   | PSS90 RADIATOR HOUSING            | 1    |
| 14       | 2000-0142   | LEFT DOOR WELDMENT                | 1    |
| 15       | 2000-0143   | RIGHT DOOR WELDMENT               | 1    |
| 16       | 2000-0144   | ROOF                              | 1    |
| 17       | 2000-0146   | ROOF COVER PLATE OIL LEVEL        | 1    |
| 18       | 2000-0151   | RIGHT REAR CORNER                 | 1    |
| 19       | 2000-0152   | LEFT REAR CORNER                  | 1    |
| 20       | 16249-000   | .3125-18 FLANGE                   | 4    |
| 21       | 21698-001   | TORX PAN HEAD SCREW #10           | 9    |
| 22       | 65000-001   | .25-20X.75 SS HHCS                | 33   |
| 23       | 65004-000   | .25-20X.5 SELF TAP SS             | 16   |
| 24       | 65005-000   | .25 WASHER SS                     | 62   |
| 25       | 65006-000   | .25-20 FLANGE NUT SS              | 20   |
| 26       | 91682-002   | 1/4 STUD 1/4 TURN BAIL STYLE      | 4    |
| 27       | 91683-000   | 1/4 TURN CLIP NUT                 | 4    |
| 28       | 91684-000   | RETAINER RING 1/4 TURN SPLIT RING | 4    |
| 29       | 92495-000   | .25-20 16GA TINNEMAN NUT          | 5    |
| 30       | 95229-004   | LATCH                             | 6    |
| 31       | 98879-001   | THREAD STUD 5/16-18 X .75         | 20   |
| 32       | 99060-012   | COVER PLATE, LIFTING EYE          | 4    |
| 33       | 99378-095   | CAC BAFFLE                        | 1    |
| 34       | 99378-096   | REAR SIL L BAFFLE                 | 1    |
| 35       | 99393-122   | ROOF FOAM                         | 1    |
| 36       | 99393-124   | RADIATOR SIDE FOAM                | 2    |
| 37       | 99393-125   | REAR CENTER FOAM                  | 1    |
| 38       | 99393-128   | REAR CORNER FOAM                  | 1    |
| 39       | 99393-130   | REAR CENTER BAFFLE FOAM           | 1    |
| 40       | 99393-227   | LEFT REAR CORNER FOAM             | 1    |
| 41       | 99393-229   | SIDE PANEL FOAM                   | 1    |
| 42       | 99393-231   | REAR SIDE PANEL FOAM              | 1    |
| 43       | 99393-232   | LEFT LOWER BAFFLE FOAM            | 1    |
| 44       | 99393-233   | DOOR PANEL FOAM                   | 1    |
| 45       | 99393-234   | SIDE TOP BAFFLE FOAM              | 2    |
| 46       | 99393-235   | RIGHT LOWER BAFFLE FOAM           | 1    |
| 47       | 99393-236   | RAD TOP                           | 1    |
| 48       | 99393-237   | RAD LEFT SIDE                     | 1    |
| 49       | 99393-238   | RAD RIGHT SIDE                    | 1    |
| 50       | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA       | 14   |

# Front Panel

| ITEM NO. | PART NUMBER | DESCRIPTION                 | QTY. |
|----------|-------------|-----------------------------|------|
| 1        | 2000-0138   | PSS90 FRONT                 | 1    |
| 2        | 98313-000   | WINCO LOGO                  | 1    |
| 3        | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA | 18   |



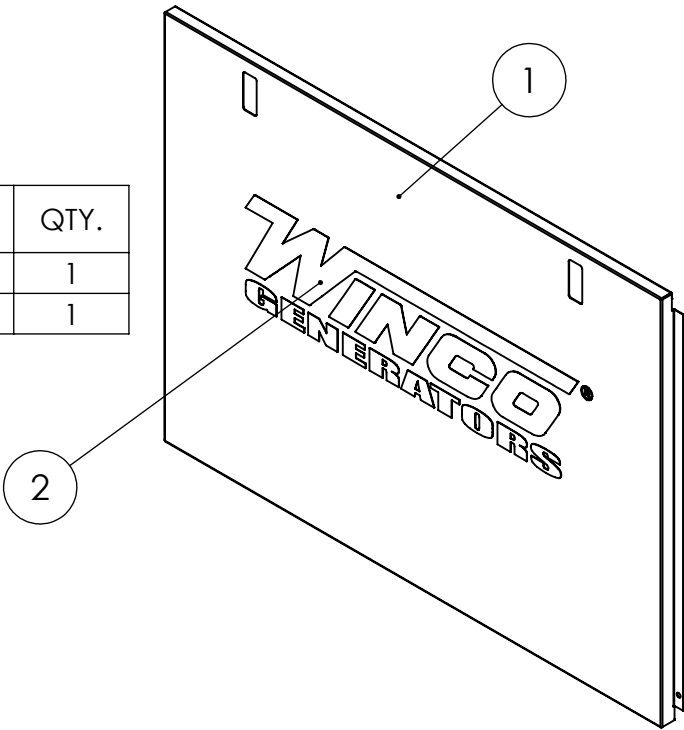
# Rear Center Panel



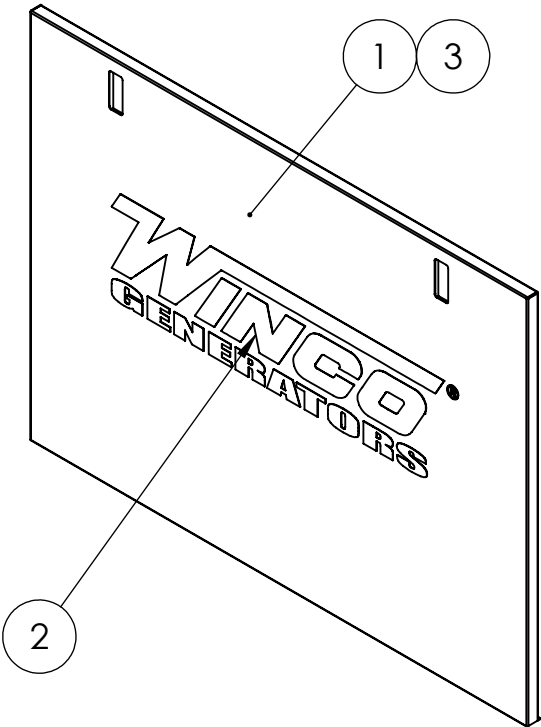
| ITEM NO. | PART NUMBER | DESCRIPTION       | QTY. |
|----------|-------------|-------------------|------|
| 1        | 2000-0134   | REAR CENTER PANEL | 1    |
| 2        | 98313-001   | WINCO LOGO        | 1    |

# Left Side Panel

| ITEM NO. | PART NUMBER | DESCRIPTION           | QTY. |
|----------|-------------|-----------------------|------|
| 1        | 2000-0132   | PSS90 LEFT SIDE PANEL | 1    |
| 2        | 98313-000   | WINCO LOGO            | 1    |

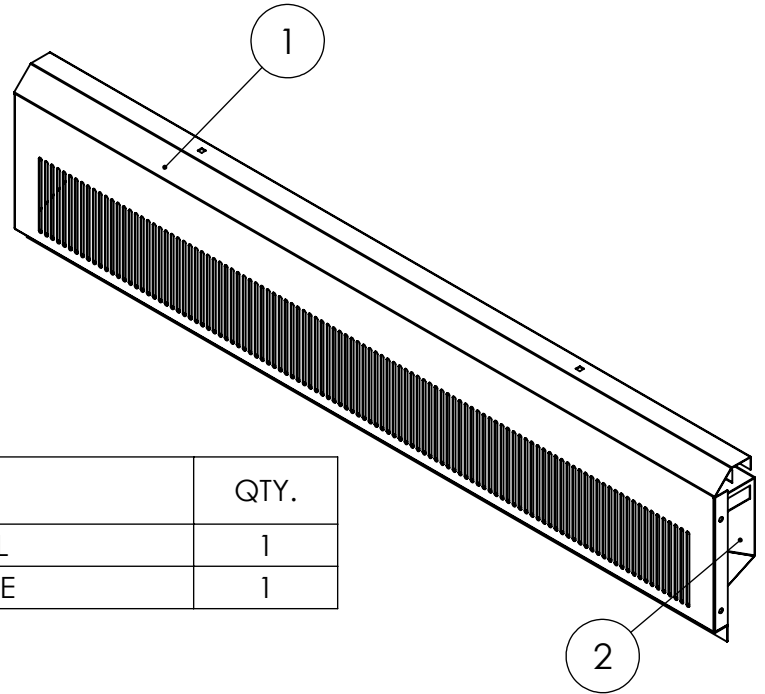


# Right Side Panel



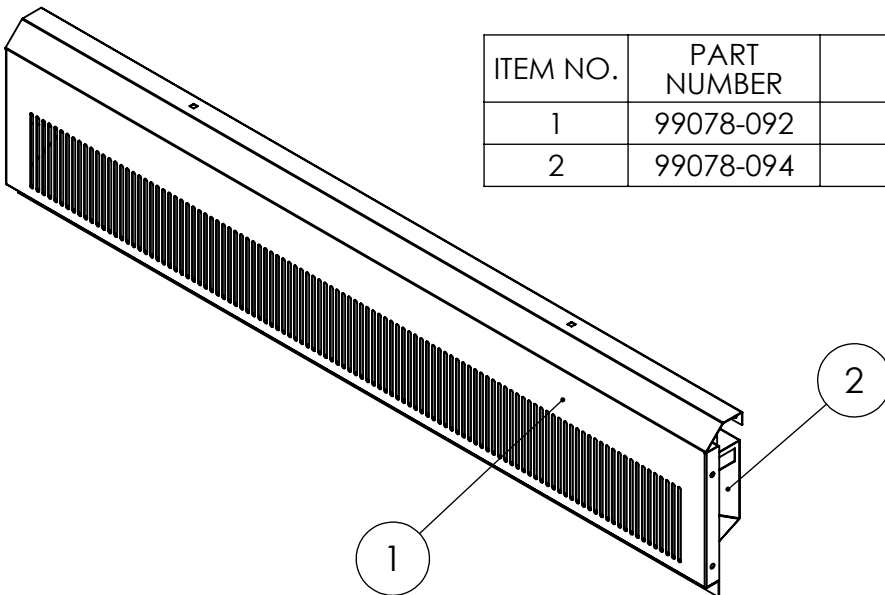
| ITEM NO. | PART NUMBER | DESCRIPTION            | QTY. |
|----------|-------------|------------------------|------|
| 1        | 2000-0133   | PSS90 RIGHT SIDE PANEL | 1    |
| 2        | 98313-000   | WINCO LOGO             | 1    |
| 3        | 99393-229   | SIDE PANEL FOAM        | 1    |

## Right Side Baffle



| ITEM NO. | PART NUMBER | DESCRIPTION      | QTY. |
|----------|-------------|------------------|------|
| 1        | 99078-093   | RIGHT SIDE SILL  | 1    |
| 2        | 99078-097   | SIDE SILL BAFFLE | 1    |

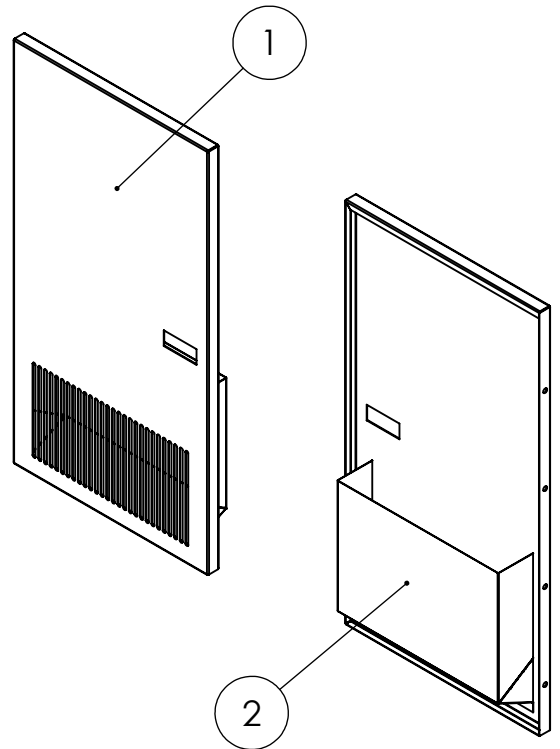
## Left Side Baffle



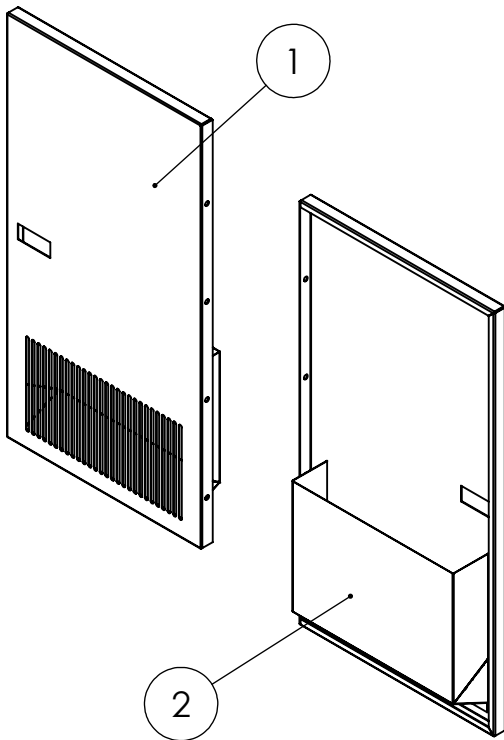
| ITEM NO. | PART NUMBER | DESCRIPTION      | QTY. |
|----------|-------------|------------------|------|
| 1        | 99078-092   | SIDE SILL LEFT   | 1    |
| 2        | 99078-094   | SIDE SILL BAFFLE | 1    |

## Right Door

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|-------------|------|
| 1        | 15680-068   | RIGHT DOOR  | 1    |
| 2        | 15680-069   | DOOR BAFFLE | 1    |



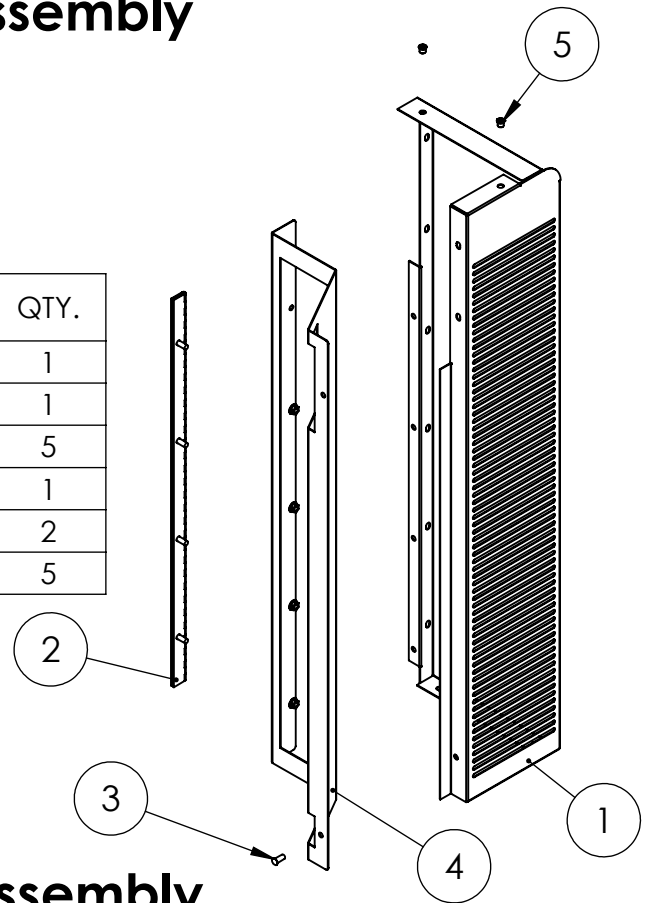
## Left Door



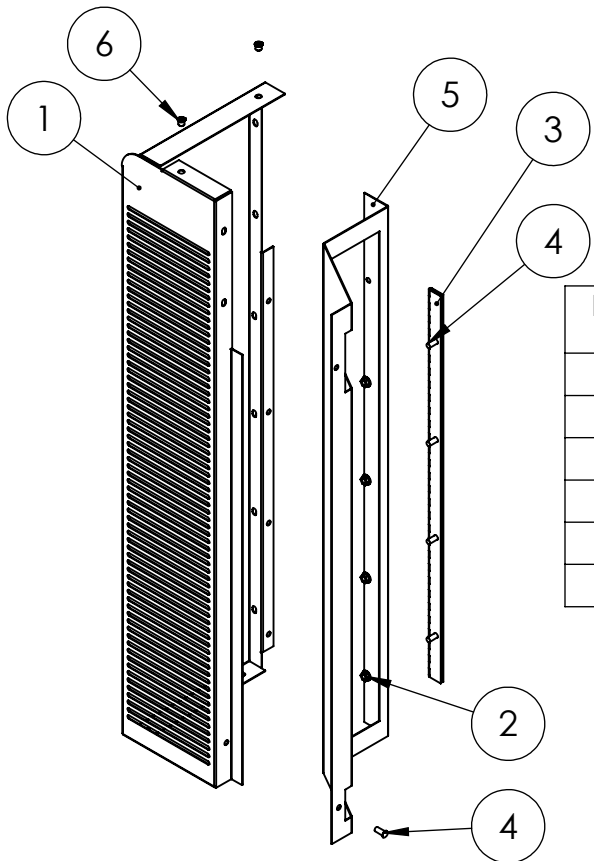
| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|-------------|------|
| 1        | 15680-067   | LEFT DOOR   | 1    |
| 2        | 15680-069   | DOOR BAFFLE | 1    |

## Right Rear Corner Assembly

| ITEM NO. | PART NUMBER | DESCRIPTION                 | QTY. |
|----------|-------------|-----------------------------|------|
| 1        | 2000-0140   | PSS90 RIGHT REAR CORNER     | 1    |
| 2        | 98375-043   | DOOR HINGE                  | 1    |
| 3        | 98879-001   | THREAD STUD 5/16-18 X .75   | 5    |
| 4        | 99378-092   | RIGHT REAR BAFFLE           | 1    |
| 5        | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA | 2    |
| 6        | 16249-000   | .3125-18 FLANGE             | 5    |

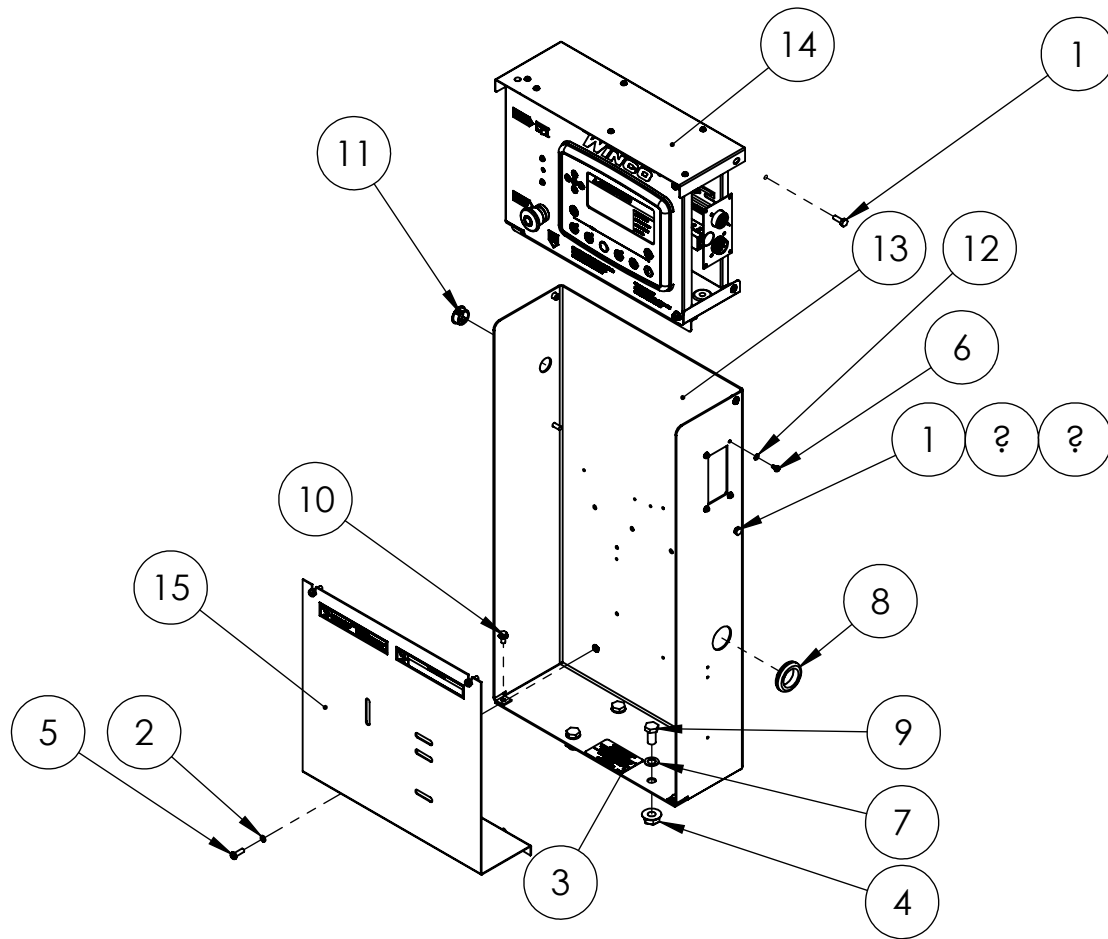


## Left Rear Corner Assembly



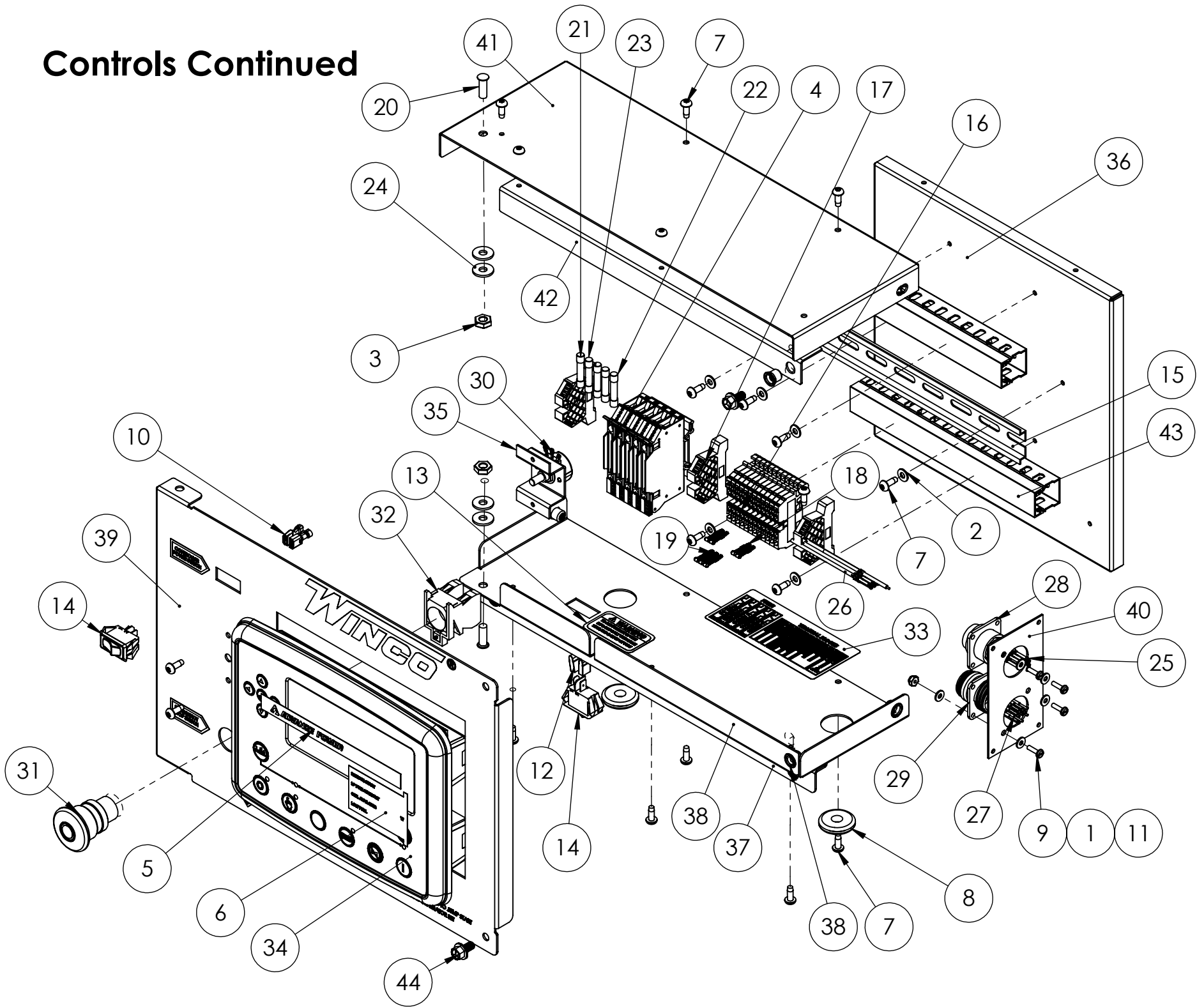
| ITEM NO. | PART NUMBER | DESCRIPTION                 | QTY. |
|----------|-------------|-----------------------------|------|
| 1        | 2000-0141   | PSS90 LEFT REAR CORNER      | 1    |
| 2        | 16249-000   | .3125-18 FLANGE             | 5    |
| 3        | 98375-043   | DOOR HINGE                  | 1    |
| 4        | 98879-001   | THREAD STUD 5/16-18 X .75   | 5    |
| 5        | 99378-091   | LEFT REAR BAFFLE            | 1    |
| 6        | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA | 2    |

# Controls



| ITEM NO. | PART NUMBER | DESCRIPTION                                     | QTY. |
|----------|-------------|-------------------------------------------------|------|
| 1        | 466-000     | .25-20X.75 HHB                                  | 4    |
| 2        | 479-000     | LOCK WASHER, .25" SPLIT                         | 4    |
| 3        | 16200-516   | MAINTENANCE KIT DECAL                           | 1    |
| 4        | 16248-001   | .5-13 FLANGE NUT                                | 4    |
| 5        | 21253-000   | RHMS 1/4-20X .75                                | 4    |
| 6        | 21698-001   | TORX PAN HEAD SCREW #10                         | 4    |
| 7        | 21867-001   | FLAT WASHER .51 X .88 X .05                     | 4    |
| 8        | 23917-005   | GROMMET 1-5/16" ID                              | 1    |
| 9        | 48178-000   | HHCS 1/2-13 X 1                                 | 4    |
| 10       | 55440-000   | .25-02X.5 SELF TAP                              | 2    |
| 11       | 93402-003   | HOLE PLUG 1.00IN DIA                            | 1    |
| 12       | 96286-002   | FLAT WASHER NYLON                               | 4    |
| 13       | 99826-501   | CONTROL BOX PEDESTAL DSE7310 MKII               | 1    |
| 14       | 351891-54   | CONTROLLER ASSEMBLY, DSE7310 MKII,<br>UNIVERSAL | 1    |
| 15       | 351903-29   | PEDESTAL COVER PLATE                            | 1    |

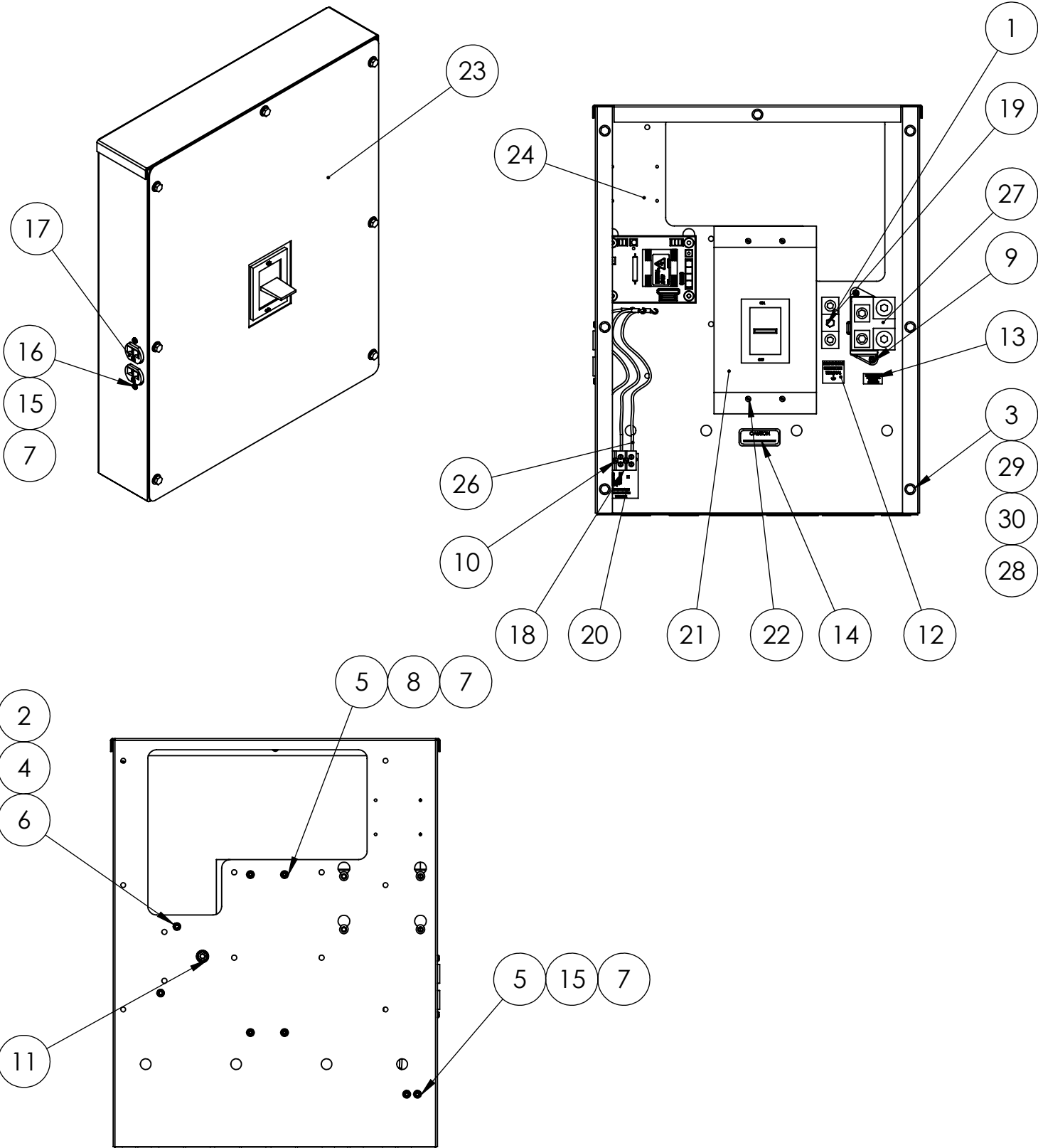
# Controls Continued



# Controls Continued

| ITEM NO. | PART NUMBER | DESCRIPTION                              | QTY. |
|----------|-------------|------------------------------------------|------|
| 1        | 425-000     | #6 FLATWASHER                            | 8    |
| 2        | 598-000     | #10 WASHER                               | 6    |
| 3        | 638-000     | HEX NUT, .25IN                           | 2    |
| 4        | 2489-003    | DIN RAIL FUSE HOLDER 1-1/4 X 1/4IN       | 5    |
| 5        | 16600-005   | DSE MKII ADVANCE POWER LOGO INSERT       | 1    |
| 6        | 16601-007   | DSE 8610 MKII LIGHT LEGEND CARD INSERT   | 1    |
| 7        | 21698-001   | TORX PAN HEAD SCREW #10                  | 19   |
| 8        | 23917-002   | GROMMET, .375ID X 1                      | 2    |
| 9        | 24988-000   | SCREW 6-32 X 1/2 BIND                    | 4    |
| 10       | 48602-003   | TERMINAL FEMALE 16-14 AWG .250 TAB       | 3    |
| 11       | 51802-000   | NUT HEX #6-32 NYLOCK                     | 4    |
| 12       | 61898-000   | TERMINAL FLAG 16/14AWG .250              | 2    |
| 13       | 63941-004   | DECAL FUSE WARNING (ENGLISH)             | 1    |
| 14       | 64089-000   | SPST, ROCKER SWITCH                      | 2    |
| 15       | 64551-005   | DIN RAIL 9.5"                            | 1    |
| 16       | 80623-009   | TERMINAL BLOCK, DIN MOUNTED, SPRING CAGE | 12   |
| 17       | 80623-010   | END BLOCK, DIN MOUNTED                   | 3    |
| 18       | 80623-011   | 2-POLE TERMINAL BLOCK JUMPER             | 2    |
| 19       | 80623-012   | 3-POLE TERMINAL BLOCK JUMPER             | 1    |
| 20       | 94980-003   | THREAD STUD .25-20 X .750                | 2    |
| 21       | 95064-006   | FUSE AGC 10 AMP                          | 1    |
| 22       | 95064-008   | FUSE AGC 2 AMP                           | 3    |
| 23       | 95064-000   | FUSE AGC 3 AMP                           | 1    |
| 24       | 96286-001   | 1/4" NYLON WASHER                        | 4    |
| 25       | 96923-001   | TERMINAL, SOCKET, 18-16AWG               | 10   |
| 26       | 96923-101   | PLUG TERMINAL                            | 4    |
| 27       | 96924-001   | TERMINAL, PIN, 18-16AWG                  | 16   |
| 28       | 96925-002   | 14 PIN CONNECTOR                         | 1    |
| 29       | 96925-006   | 16 PIN CONNECTOR                         | 1    |
| 30       | 97517-001   | RHEOSTAT                                 | 1    |
| 31       | 99783-001   | SWITCH, PUSH-PULL                        | 1    |
| 32       | 99783-002   | SWITCH CONTACT                           | 1    |
| 33       | 351095-16   | DECAL, FUSES AND TERMINAL BLOCKS         | 1    |
| 34       | 351112-29   | DEEP SEA ELECTRONICS 7310 MKII           | 1    |
| 35       | 351900-36   | RHEOSTAT MOUNTING BRACKET                | 1    |
| 36       | 351900-42   | DIN RAIL MOUNTING PLATE                  | 1    |
| 37       | 351900-44   | COVER SUPPORT BRACKET                    | 1    |
| 38       | 351900-45   | DSE8610 CONTROL BOX BOTTOM               | 1    |
| 39       | 351900-47   | DSE 7310 MKII FRONT PANEL                | 1    |
| 40       | 351900-51   | PLUG MOUNTING PLATE                      | 1    |
| 41       | 351900-52   | DSE CONTROL BOX TOP                      | 1    |
| 42       | 351900-53   | DSE PANEL STOP                           | 1    |
| 43       | 352017-001  | WIRE DUCT, 8.5IN                         | 2    |
| 44       | 352120-1    | 1/4-20 X .500 FHCS                       | 2    |
| 45       | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA              | 1    |

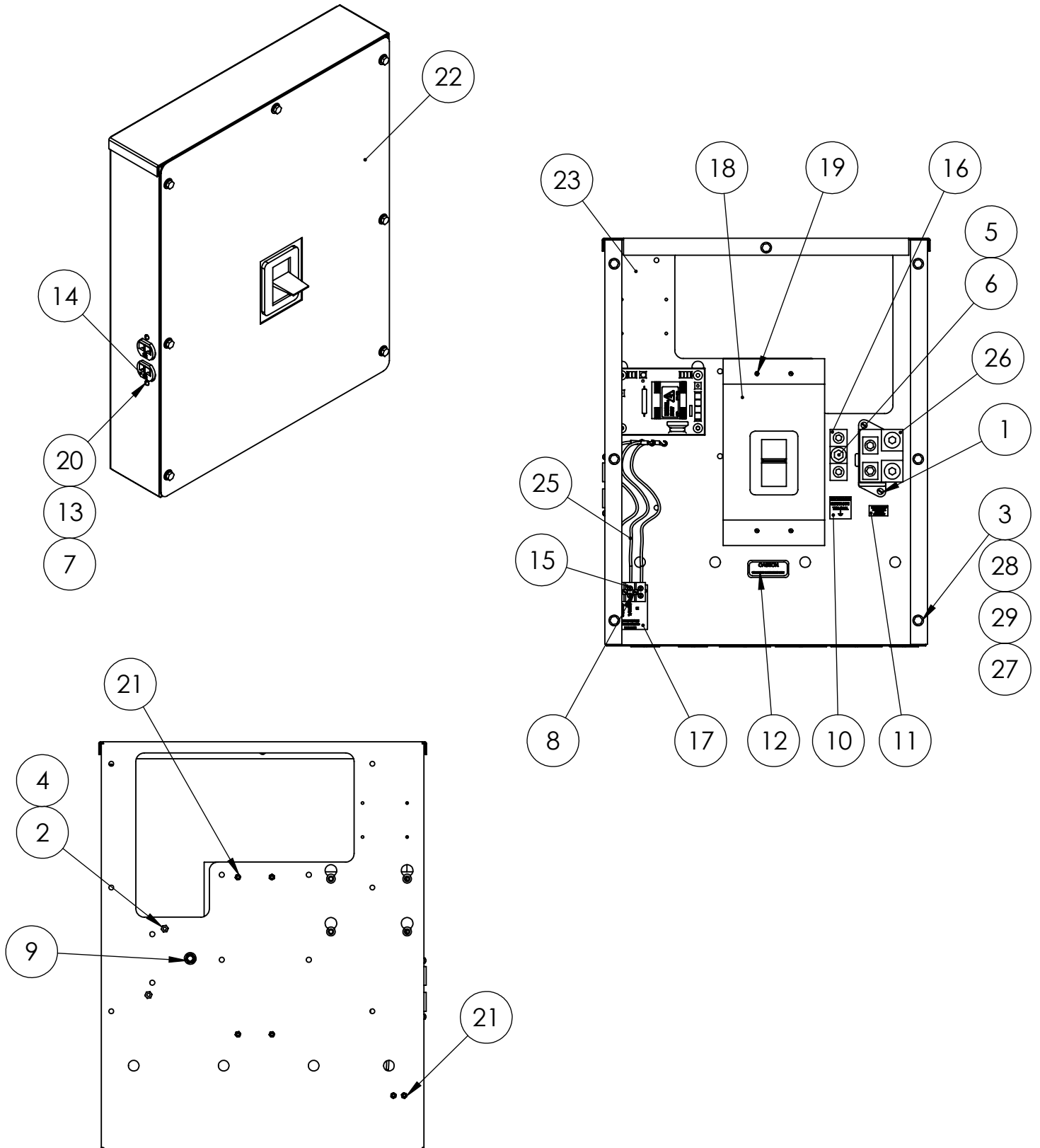
# CB Assembly 1-PH



## CB Assembly 1-PH Continued

| ITEM NO. | PART NUMBER | DESCRIPTION                             | QTY. |
|----------|-------------|-----------------------------------------|------|
| 1        | 439-000     | .25-20 X 1 HHB                          | 1    |
| 2        | 456-000     | 10-24 HEX NUT                           | 2    |
| 3        | 476-000     | .25-20X.625 HHB                         | 7    |
| 4        | 484-000     | #10 LOCKWASHER SPLIT                    | 2    |
| 5        | 511-000     | #8 FLATWASHER                           | 6    |
| 6        | 598-000     | #10 WASHER                              | 2    |
| 7        | 5113-000    | NUT HEX # 8                             | 8    |
| 8        | 6376-000    | #8 LOCK WASHER SPLIT                    | 4    |
| 9        | 9362-000    | 10-24X1                                 | 2    |
| 10       | 10846-000   | RHMC 8-32 X 1.5                         | 2    |
| 11       | 16248-000   | .25-20 FLANGE NUT                       | 1    |
| 12       | 16499-000   | UL-DECAL-GROUNDING-WHITE                | 1    |
| 13       | 16501-000   | DECAL-FLOATING NEUTRAL                  | 1    |
| 14       | 16503-000   | DECAL-COPPER CONDUCTORS ONLY            | 1    |
| 15       | 21976-000   | #8 LOCKWASHER EXTERNAL TOOTH            | 4    |
| 16       | 24198-000   | BHMS #8-32 X 5/8                        | 2    |
| 17       | 24749-000   | RECEPTACLE NEMA 5-15R DUPLEX            | 1    |
| 18       | 51795-000   | 3 PT TERMINAL BLOCK                     | 1    |
| 19       | 58060-000   | TERMINAL GROUND LUG                     | 2    |
| 20       | 64576-006   | DECAL-GFCI PROTECTED UTILITY            | 1    |
| 21       | 81094-710   | CIRCUIT BREAKER 400AMP 2POLE<br>240VOLT | 1    |
| 22       | 92009-000   | RHMS 8-32 X 3.5                         | 4    |
| 23       | 99826-294   | CB COVER                                | 1    |
| 24       | 99826-492   | CB AND RECONNECT BOX                    | 1    |
| 25       | 99830-045   | LEAD WIRE GROUP                         | 1    |
| 26       | 300538-23   | WIRE HARNESS KIT                        | 1    |
| 27       | 350124-2    | NEUTRAL SK400 400 AMP                   | 1    |
| 28       | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA             | 7    |
| 29       | 479-000     | LOCK WASHER, .25" SPLIT                 | 7    |
| 30       | 512-000     | .25 WASHER                              | 7    |

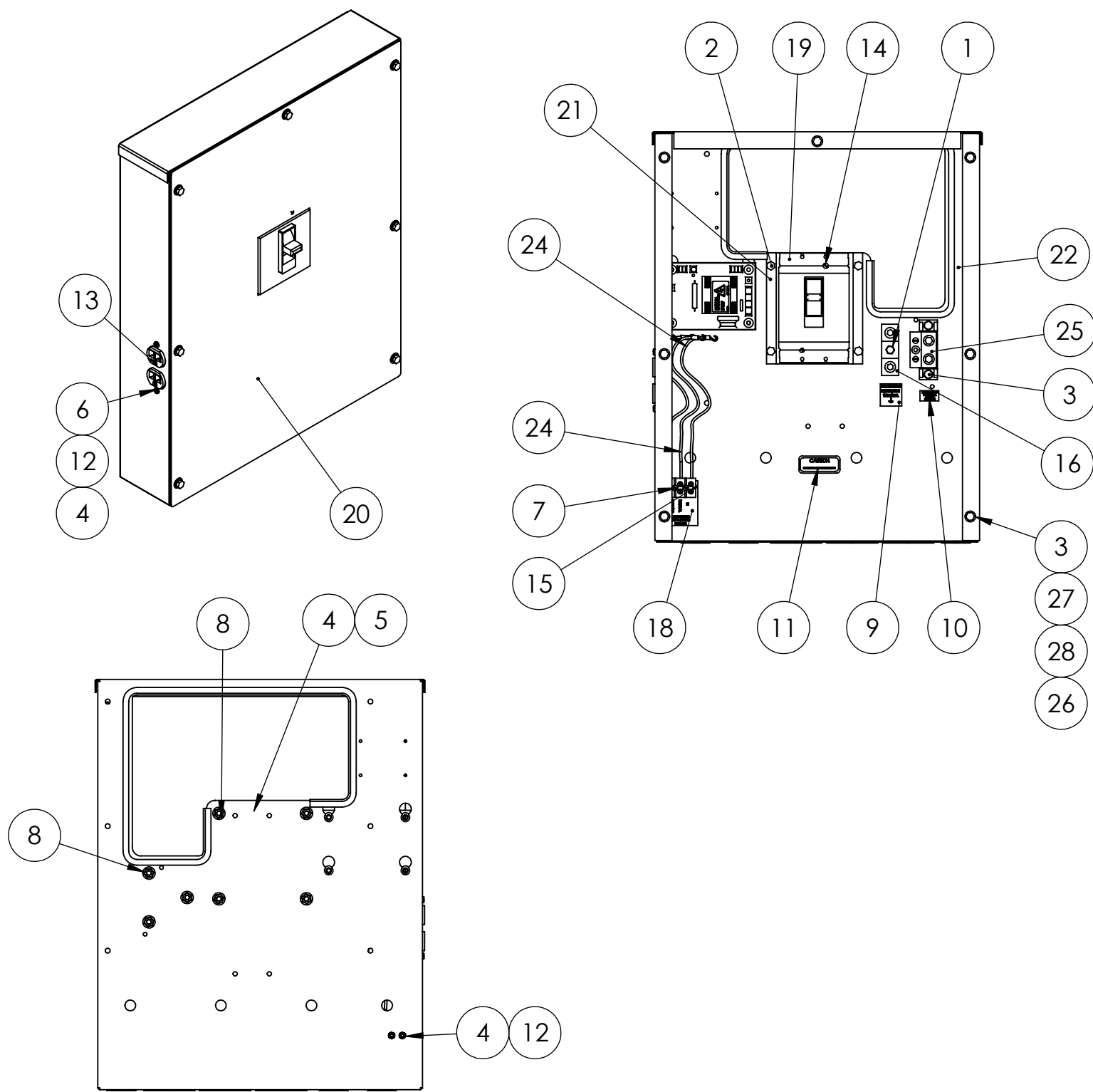
# CB Assembly 208/240V 3 PH



## CB Assembly 208/240V 3 PH Continued.

| ITEM NO. | PART NUMBER | DESCRIPTION                   | QTY. |
|----------|-------------|-------------------------------|------|
| 1        | 420-000     | RHMS 10-24 X .75              | 2    |
| 2        | 456-000     | 10-24 HEX NUT                 | 2    |
| 3        | 476-000     | .25-20X.625 HHB               | 7    |
| 4        | 484-000     | #10 LOCKWASHER SPLIT          | 2    |
| 5        | 526-000     | 5/16 FLAT WASHER              | 1    |
| 6        | 580-000     | 5/16-18X1.25                  | 1    |
| 7        | 5113-000    | NUT HEX # 8                   | 2    |
| 8        | 10846-000   | RHMC 8-32 X 1.5               | 2    |
| 9        | 16249-000   | .3125-18 FLANGE               | 1    |
| 10       | 16499-000   | UL-DECAL-GROUNDING-WHITE      | 1    |
| 11       | 16501-000   | DECAL-FLOATING NEUTRAL        | 1    |
| 12       | 16503-000   | DECAL-COPPER CONDUCTORS ONLY  | 1    |
| 13       | 21976-000   | #8 LOCKWASHER EXTERNAL TOOTH  | 2    |
| 14       | 24749-000   | RECEPTACLE NEMA 5-15R DUPLEX  | 1    |
| 15       | 51795-000   | 3 PT TERMINAL BLOCK           | 1    |
| 16       | 58060-000   | TERMINAL GROUND LUG           | 2    |
| 17       | 64576-006   | DECAL-GFCI PROTECTED UTILITY  | 1    |
| 18       | 81096-709   | CIRCUIT BREAKER 350A 3PL 240V | 1    |
| 19       | 92009-000   | RHMS 8-32 X 3.5               | 4    |
| 20       | 94000-000   | RHMS 8-32X1/2                 | 2    |
| 21       | 95985-000   | #8-32 NYLOK HEX NUT           | 6    |
| 22       | 99826-294   | CB COVER                      | 1    |
| 23       | 99826-492   | CB AND RECONNECT BOX          | 1    |
| 24       | 99830-032   | CB WIRING PSS90-4             | 1    |
| 25       | 300538-23   | WIRE HARNESS KIT              | 1    |
| 26       | 350124-2    | NEUTRAL SK400 400 AMP         | 1    |
| 27       | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA   | 7    |
| 28       | 479-000     | LOCK WASHER, .25" SPLIT       | 7    |
| 29       | 512-000     | .25 WASHER                    | 7    |

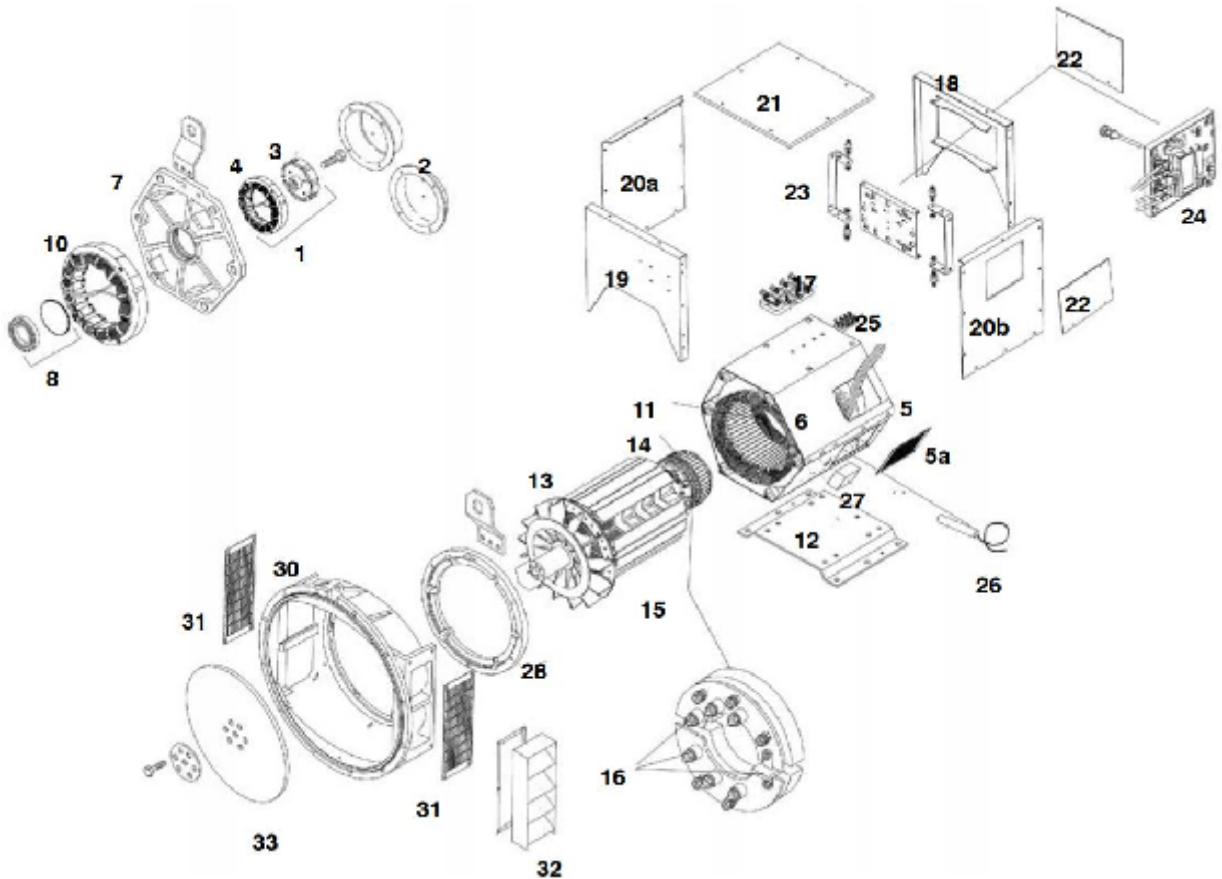
# CB Assembly 480V 3 PH



## CB Assembly 480V 3 PH Continued.

| ITEM NO. | PART NUMBER | DESCRIPTION                  | QTY. |
|----------|-------------|------------------------------|------|
| 1        | 439-000     | .25-20 X 1 HHB               | 1    |
| 2        | 463-000     | HEX BOLT .25-20X.50          | 4    |
| 3        | 476-000     | .25-20X.625 HHB              | 9    |
| 4        | 5113-000    | NUT HEX # 8                  | 6    |
| 5        | 6376-000    | #8 LOCK WASHER SPLIT         | 2    |
| 6        | 6402-000    | SCREW 8-32 X 3/8 BIND        | 2    |
| 7        | 10846-000   | RHMC 8-32 X 1.5              | 2    |
| 8        | 16248-000   | .25-20 FLANGE NUT            | 7    |
| 9        | 16499-000   | UL-DECAL-GROUNDING-WHITE     | 1    |
| 10       | 16501-000   | DECAL-FLOATING NEUTRAL       | 1    |
| 11       | 16503-000   | DECAL-COPPER CONDUCTORS ONLY | 1    |
| 12       | 21976-000   | #8 LOCKWASHER EXTERNAL TOOTH | 4    |
| 13       | 24749-000   | RECEPTACLE NEMA 5-15R DUPLEX | 1    |
| 14       | 44342-000   | RHMS 8-32 X 3.0              | 2    |
| 15       | 51795-000   | 3 PT TERMINAL BLOCK          | 1    |
| 16       | 58060-000   | TERMINAL GROUND LUG          | 2    |
| 17       | 58684-036   | EDGE TRIM 37 INCH            | 1    |
| 18       | 64576-006   | DECAL-GFCI PROTECTED UTILITY | 1    |
| 19       | 81097-036   | CIR.BRK.150A-3PL-600V, SQ    | 1    |
| 20       | 99826-295   | CB COVER                     | 1    |
| 21       | 99826-491   | CB RISER                     | 1    |
| 22       | 99826-492   | CB AND RECONNECT BOX         | 1    |
| 23       | 99830-034   | LEAD WIRE GROUP              | 1    |
| 24       | 300538-23   | WIRE HARNESS KIT             | 1    |
| 25       | 350124-4    | 225A NEUTRAL ASSY            | 1    |
| 26       | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA  | 7    |
| 27       | 479-000     | LOCK WASHER, .25" SPLIT      | 7    |
| 28       | 512-000     | .25 WASHER                   | 7    |

# Generator

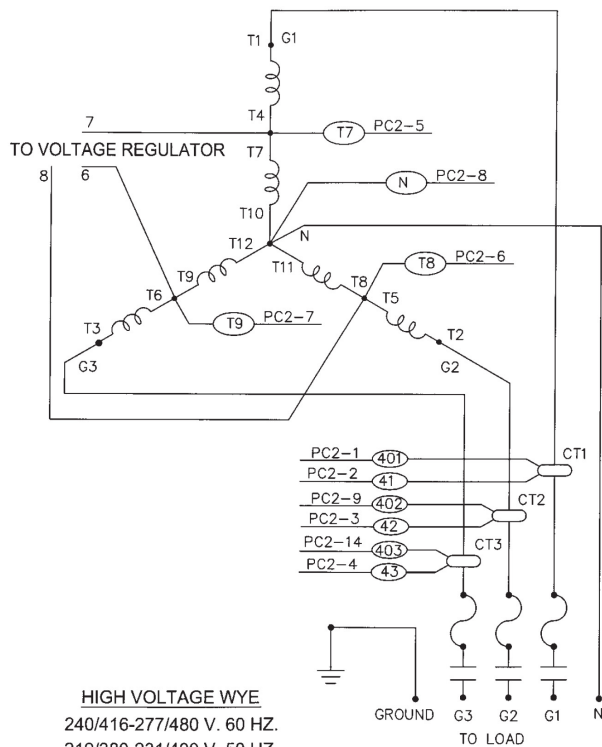


| ITEM                                                  | DESCRIPTION            | PSS90 -03 | PSS90 -04, -17, -18 | QTY |
|-------------------------------------------------------|------------------------|-----------|---------------------|-----|
| --                                                    | COMPLETE GENERATOR END | 352013-1  | 352013-2            | 1   |
| --                                                    | STAMFORD MODEL         | UCI274C   | UCI274C             | --  |
| --                                                    | WINDING                | 06        | 311                 | --  |
| 24                                                    | AVR AS440 UL           | 350818-2  |                     | 1   |
| Contact Winco for additional generator parts support. |                        |           |                     |     |

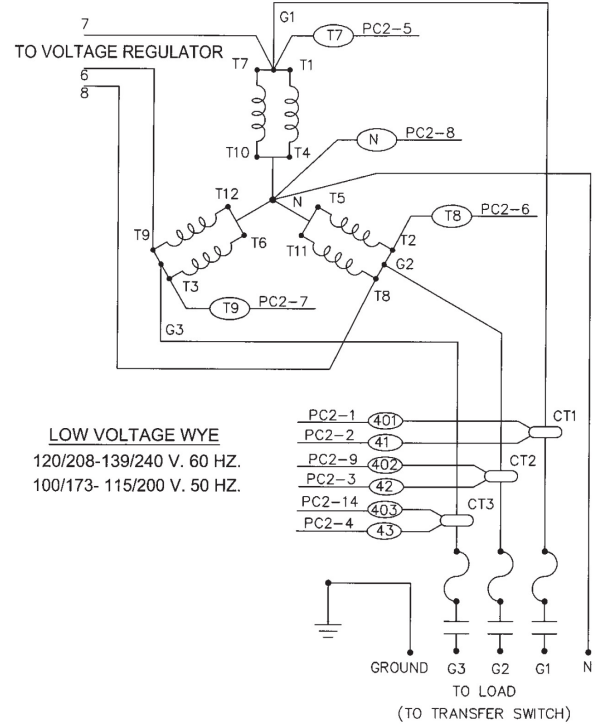
| EXPECTED RESISTANCE ( $\Omega$ )@ 20°C (+/-10%) |                      |                    |
|-------------------------------------------------|----------------------|--------------------|
| MODEL                                           | UCI274C<br>DEDICATED | UCI274C 12<br>LEAD |
| STATOR WINDING (PER PHASE SERIES<br>CONNECTED)  | 0.030                | 0.090              |
| ROTOR WINDING                                   | 0.59                 | 0.59               |
| EXCITER STATOR                                  | 21                   | 21                 |
| EXCITER ROTOR (L-D)                             | 0.142                | 0.142              |
| PMG STATOR (OPTIONAL)                           | 2.6                  | 2.6                |

# Generator Connections

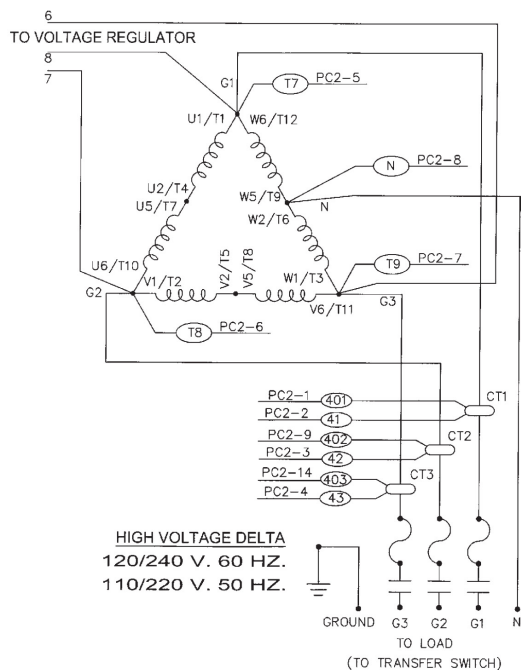
## THREE PHASE - HIGH WYE 277/480V



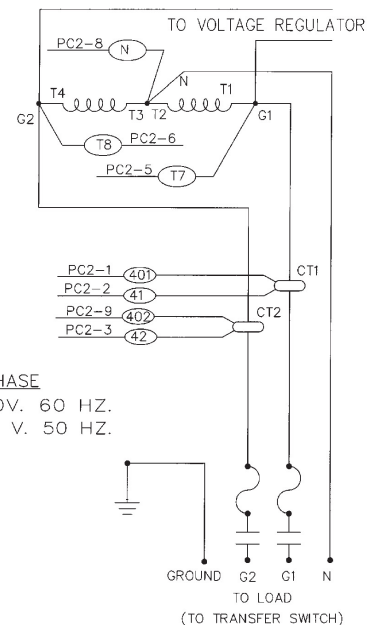
## THREE PHASE - LOW WYE 120/208V



## THREE PHASE DELTA 120/240V

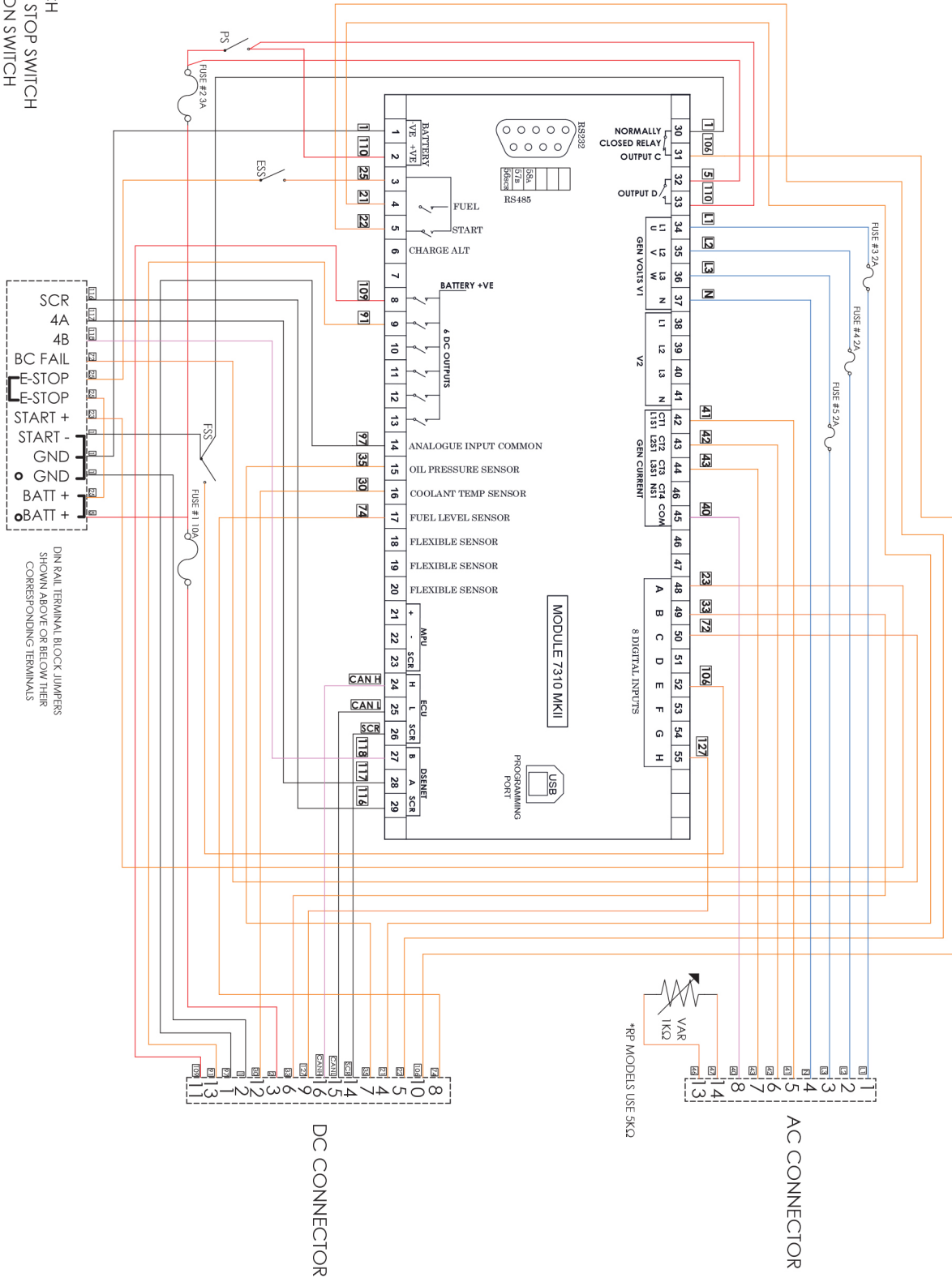


## SINGLE PHASE 120/240V



# Generator Control Schematic

LEGEND:  
 PS: POWER SWITCH  
 ESS: EMERGENCY STOP SWITCH  
 FSS: FUEL SELECTION SWITCH  
 VAR: VOLTAGE ADJUSTMENT RHEOSTAT



# Engine Wiring Schematic

