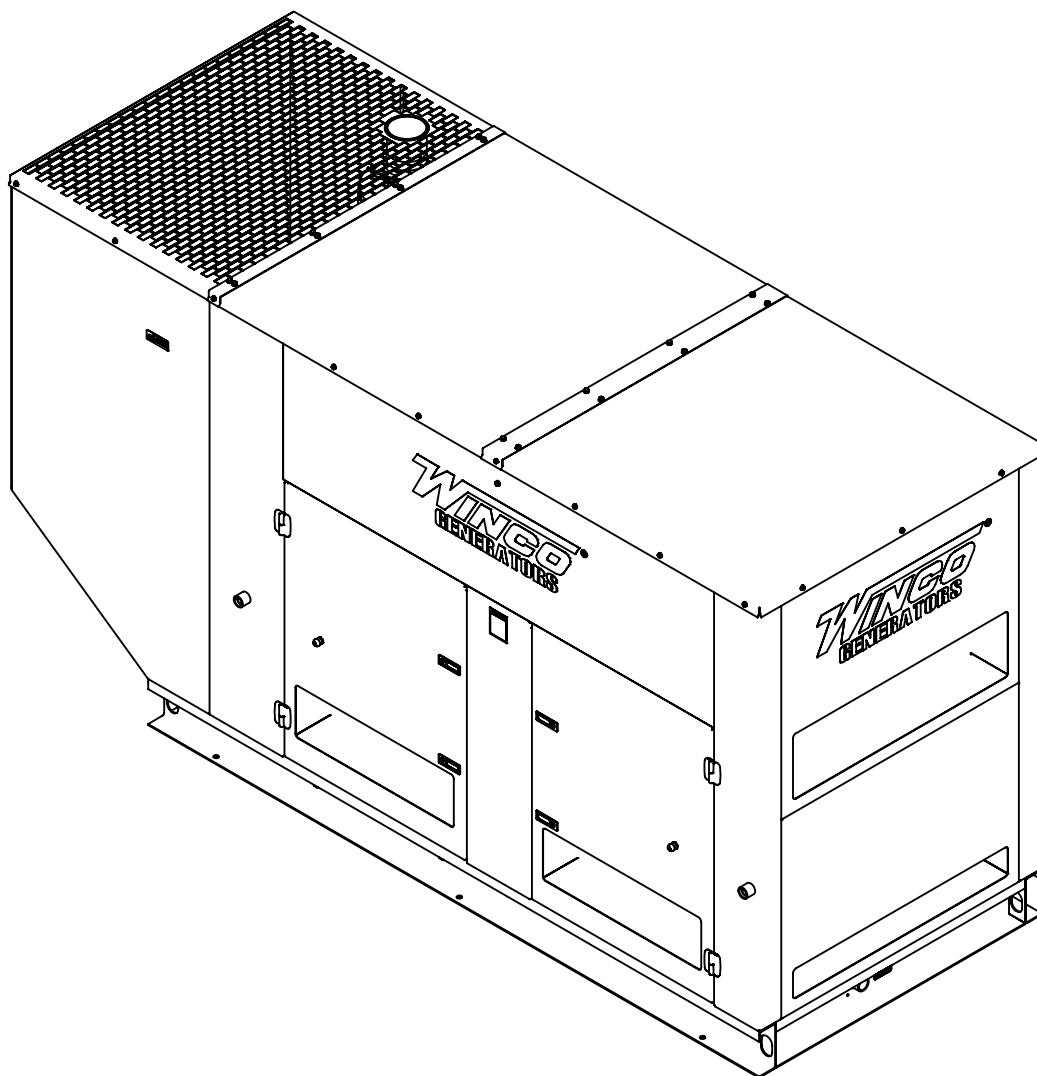




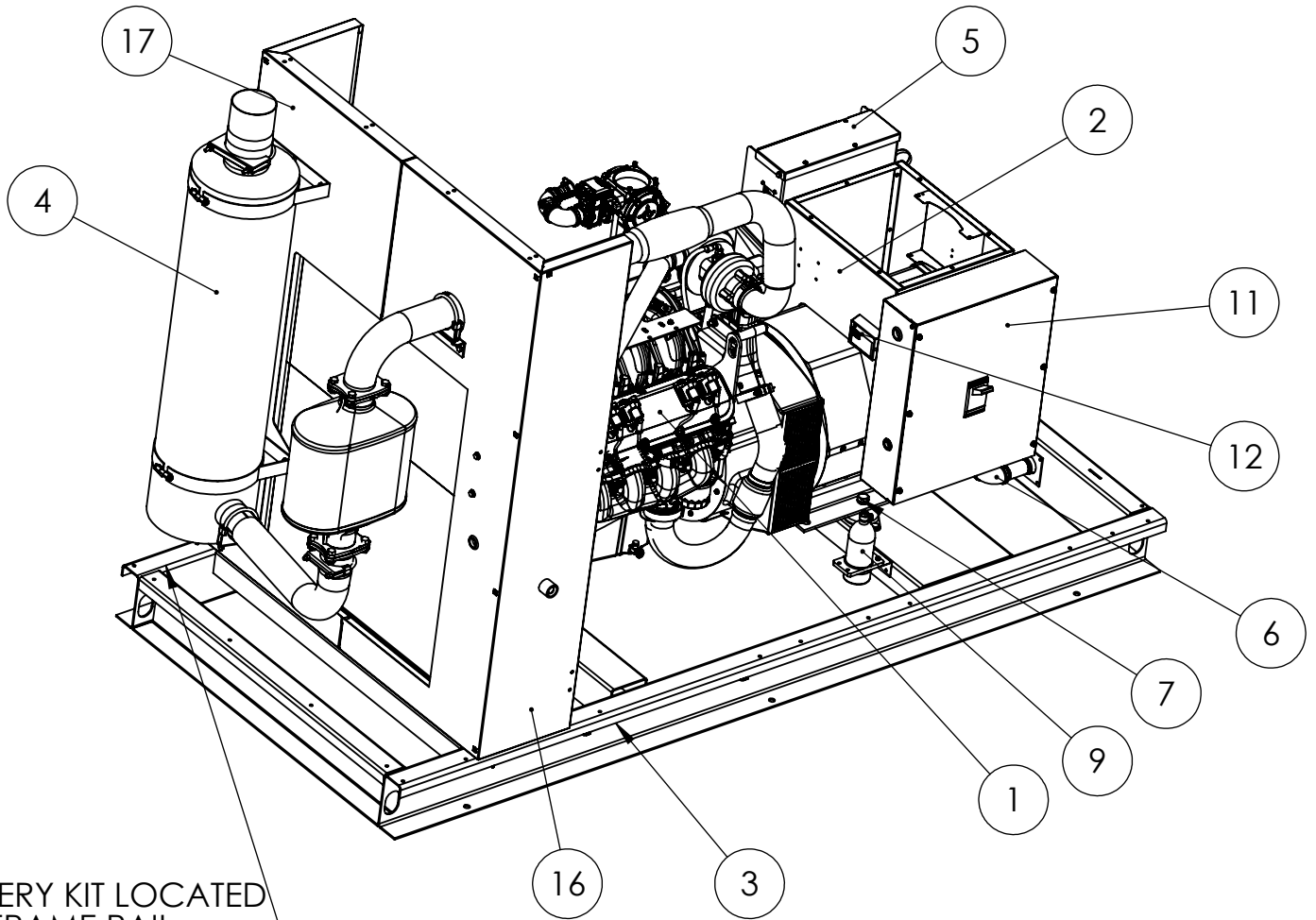
# PSS150/A Parts List

This manual covers a product family with many variations of voltages and accessories. Not all options in the parts lists were included in each model. Contact WINCO service with your serial number if you are not sure which options were included with your generator.



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

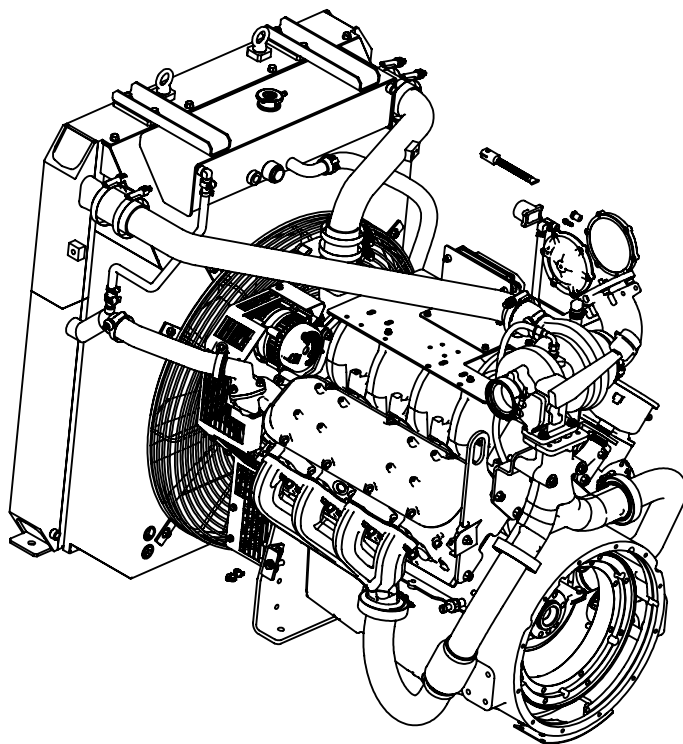
# POWER-PAK OPEN SKID



BATTERY KIT LOCATED  
ON FRAME RAIL

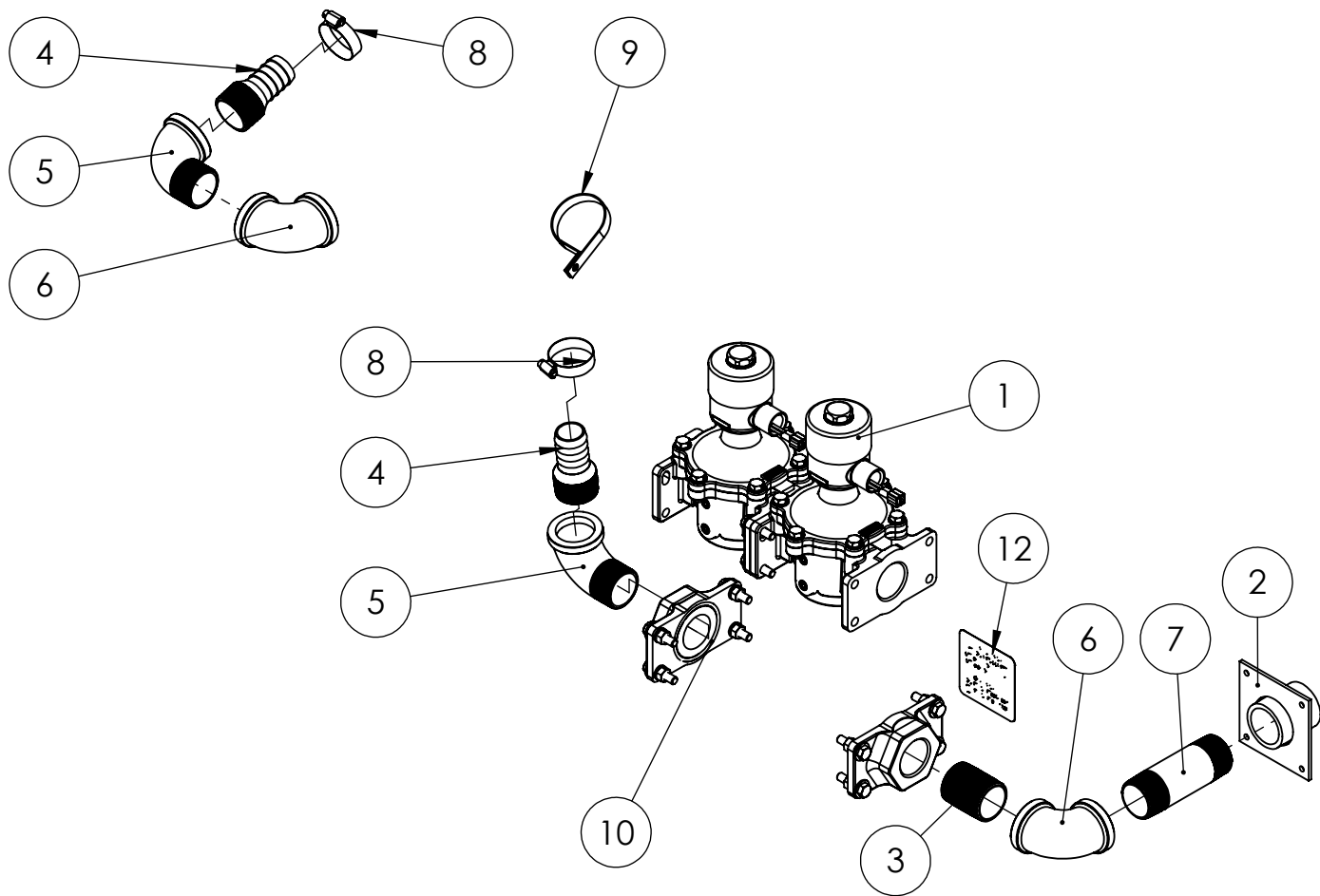
| ITEM NO. | PartNo     | DESCRIPTION                          | QTY. |
|----------|------------|--------------------------------------|------|
| 1        | 351987-11  | ENGINE GM/PSI 8.8L TCAC              | 1    |
| 2        | 352013-81  | GEN END UCI274G 31T WDG SAE3<br>11.5 | 1    |
| 3        | 501150-450 | FRAME WELDMENT                       | 1    |
| 4        | 507150-005 | EXHAUST SYSETM                       | 1    |
| 5        | 351903-33  | PEDESTAL WITH MKII CONTROLLER        | 1    |
| 6        | 504150-005 | FUEL ASSEMBLY TWO FUEL<br>SOLENOIDS  | 1    |
| 7        | 506150-004 | HARDWARE KIT                         | 1    |
| 8        | 505150-003 | BATTERY KIT                          | 1    |
| 9        | 509150-004 | BLOCK HEATER KIT                     | 1    |
| 11       | 502150-014 | CB ASSEMBLY                          | 1    |
| 12       | 352020-12  | BATTERY CHARGER KIT 12V 2AMP         | 1    |
| 13       | 511150-105 | ENGINE HARNESS MKII                  | 1    |
| 14       | 351559-11  | PSS150 DECAL KIT                     | 1    |
| 15       | 100114-717 | SKID AND CRATE                       | 1    |
| 16       | 352300-25  | RIGHT FRONT CORNER                   | 1    |
| 17       | 352300-27  | LEFT FRONT CORNER                    | 1    |

# Engine



| ITEM                                                    | PART  | DESCRIPTION          | QTY |
|---------------------------------------------------------|-------|----------------------|-----|
| 1                                                       | 4-106 | OIL FILTER           | 1   |
| 2                                                       | 4-107 | SPARK PLUGS          | 8   |
| 3                                                       | 4-112 | AIR FILTER           | 1   |
| 4                                                       | 4-108 | FAN/ALTERNATOR BELT  | 1   |
| 5                                                       | 4-109 | INLET RADIATOR HOSE  | 1   |
| 6                                                       | 4-111 | OUTLET RADIATOR HOSE | 1   |
| CONTACT WINCO SERVICE FOR FULL ENGINE PARTS<br>SUPPORT. |       |                      |     |

# VAPOR FUEL SYSTEM

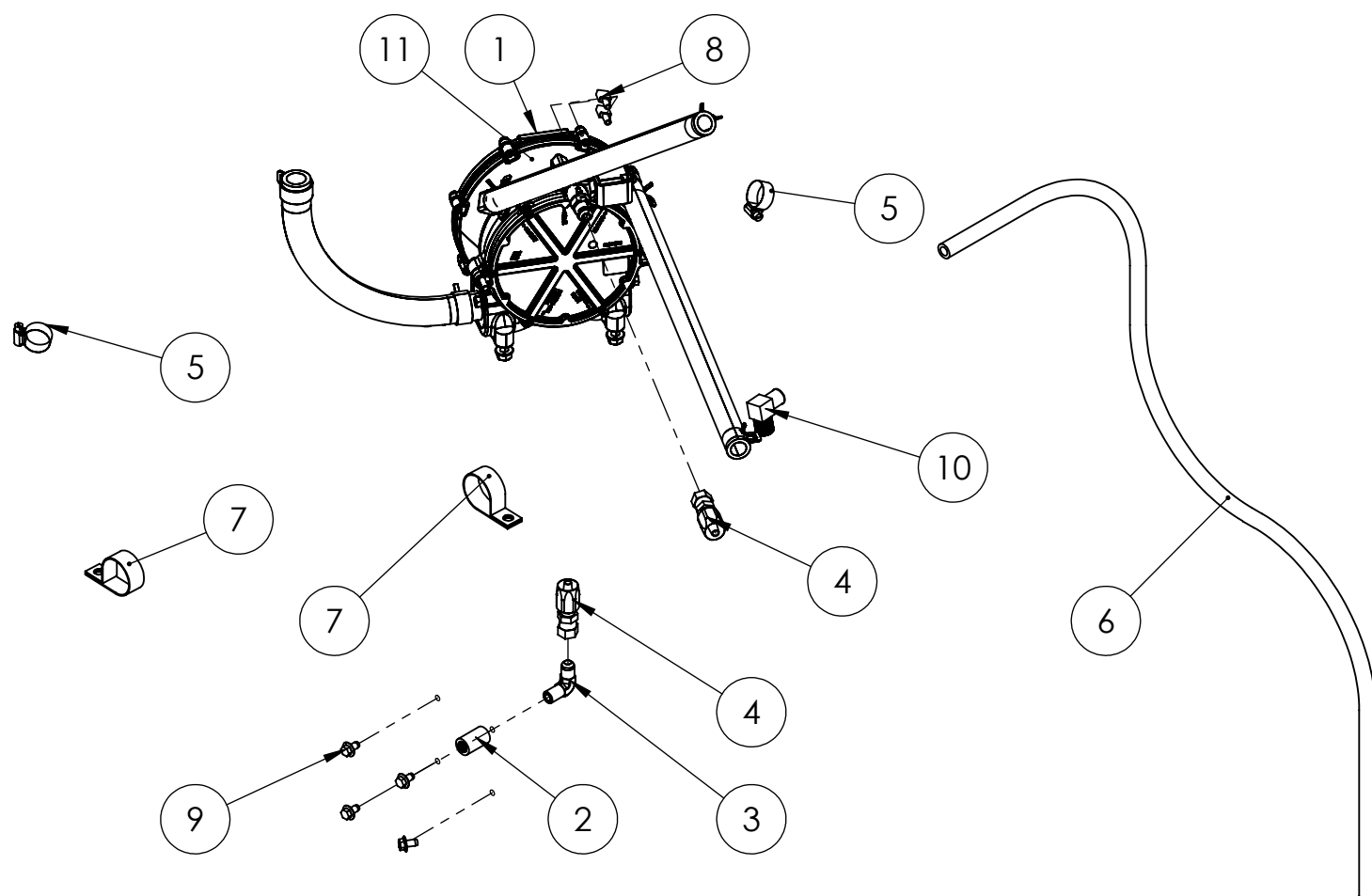


| ITEM NO. | PartNo     | DESCRIPTION                     | QTY. |
|----------|------------|---------------------------------|------|
| 1        | 16135-002  | MODIFIED FUEL VALVE ASSY        | 1    |
| 2        | 504001-100 | WELDMENT FUEL INLET             | 1    |
| 3        | 22762-000  | PIPE NIPPLE 1.25NPT X 2 BLACK   | 1    |
| 4        | 92388-008  | HOSE FIT 1.25 NPT X 1.25 HOSE   | 2    |
| 5        | 92493-001  | ELBOW STREET 1.25NPT 90D        | 2    |
| 6        | 92042-000  | ELBOW PIPE 1.25NPT 90           | 2    |
| 7        | 22762-005  | PIPE NPL 1.25NPTX4-1/2 BLK      | 1    |
| 8        | 81018-001  | HOSE CLAMP 1.25-2.25            | 2    |
| 9        | 97391-011  | TUBE CLAMP 2.25"                | 1    |
| 10       | 42943-001  | ADAPTER FLANGE 1.25' ASCO VALVE | 1    |
| 12       | 15210-016  | FUEL PRESSURE DECAL             | 1    |

| MODIFIED FUEL VALVE ASSEM |           |                                    |      |
|---------------------------|-----------|------------------------------------|------|
|                           |           |                                    |      |
| ITEM NO.                  | PartNo    | DESCRIPTION                        | QTY. |
| 1                         | 42943-002 | ORING KIT                          | 1    |
| 2                         | 42943-125 | SOLENOID GAS VALVE 12VDC 1.25" NPT | 2    |
| 3                         | 48602-004 | TERMINAL MALE 16-14 AWG .250 TAB   | 4    |

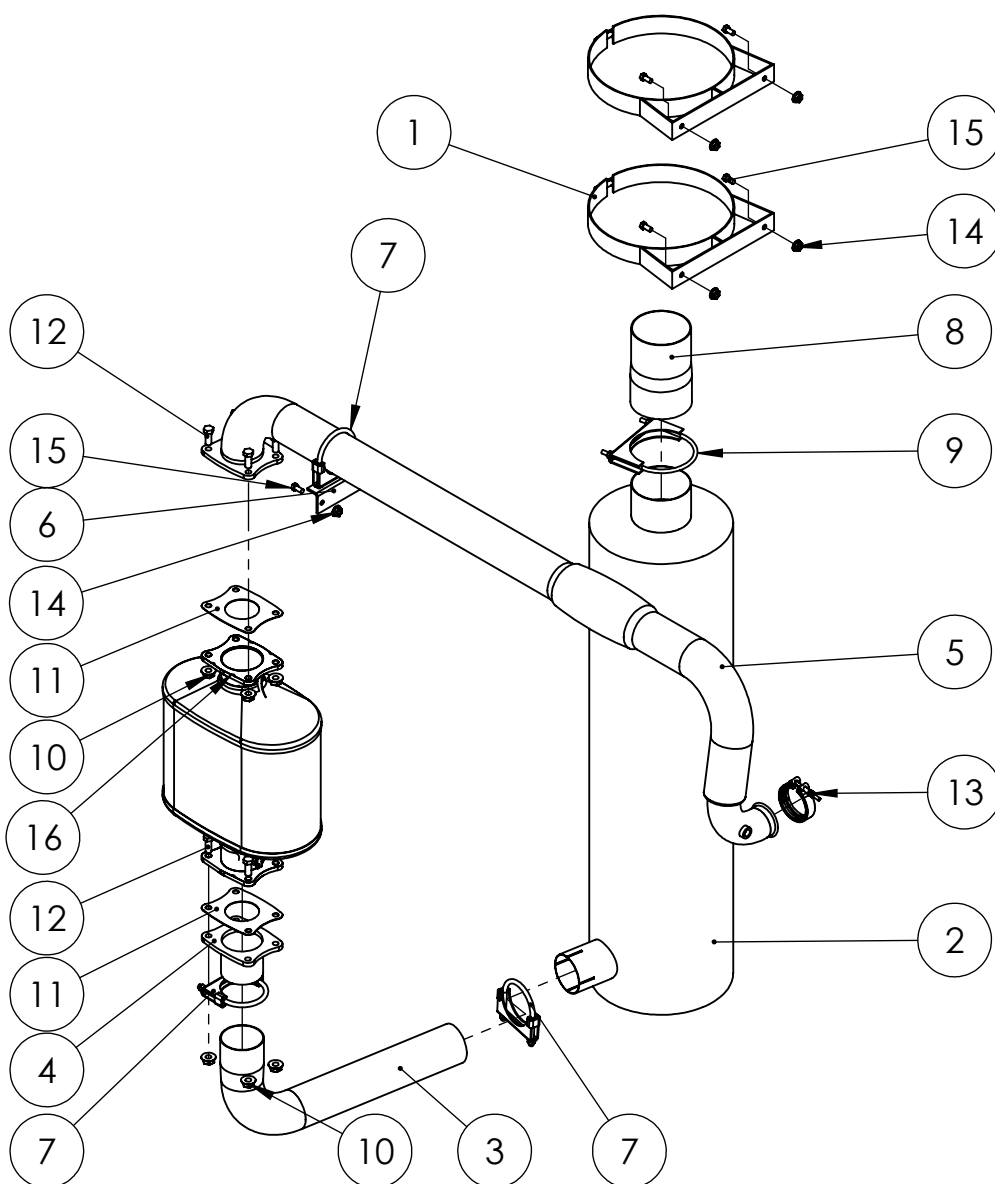


# LIQUID-WITHDRAWAL FUEL SYSTEM



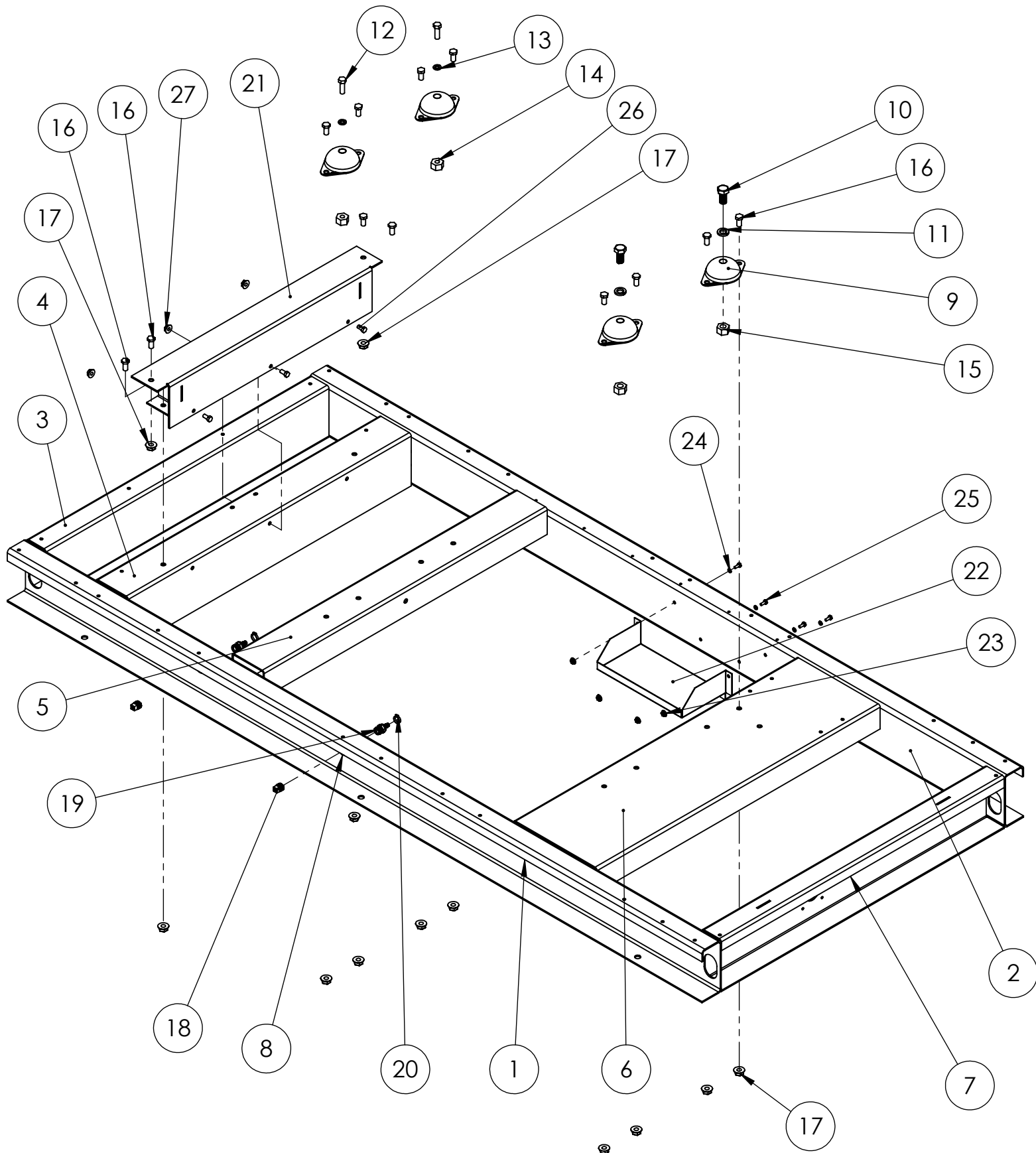
| ITEM NO. | PartNo    | DESCRIPTION                               | QTY. |
|----------|-----------|-------------------------------------------|------|
| 1        | 81643-001 | HOSE FITTING JIC3/8 - 1/4 NPT             | 1    |
| 2        | 99065-001 | FUEL INLET WELDMENT                       | 1    |
| 3        | 81643-002 | HOSE FITTING JIC 3/8 - 1/4 NPT 90         | 1    |
| 4        | 81642-000 | HOSE FIT.FLARE JIC37° 3/8(9/16-18)        | 2    |
| 5        | 81018-005 | HOSE CLAMP 1.0625-.500                    | 3    |
| 6        | 81640-000 | HOSE 5/16ID UNCUT RUBR.LP                 | 1    |
| 7        | 97391-008 | TUBE CLAMP 1.25"                          | 2    |
| 8        | 48602-004 | TERMINAL MALE 16-14 AWG .250 TAB          | 2    |
| 9        | 65004-000 | .25-20X.5 SELF TAP SS                     | 4    |
| 10       | 92382-001 | HOSE FIT.ELBOW .500NPT X .625 HOSE        | 1    |
| 11       | 99367-019 | LQD.WITHDRAWAL KIT, GM5.7LT,<br>CERTIFIED | 1    |

# EXHAUST SYSTEM



| ITEM NO. | PartNo     | DESCRIPTION                           | Default/QTY. |
|----------|------------|---------------------------------------|--------------|
| 1        | 508000-002 | MUFFLER MTG. BRACKET 12IN HARCO       | 2            |
| 2        | 350170-7   | SILENCER, RESID GM 8.1L T/TCAC        | 1            |
| 3        | 508150-012 | EXHAUST ELBOW                         | 1            |
| 4        | 508150-013 | EXHAUST FLANGE                        | 1            |
| 5        | 508150-014 | EXHAUST FLEX 8.1L TURBO CAC           | 1            |
| 6        | 351942-7   | EXHAUST BRACKET                       | 1            |
| 7        | 93489-000  | 3.5" EXHAUST CLAMP                    | 3            |
| 8        | 508150-015 | EXHAUST TAIL PIPE                     | 1            |
| 9        | 93489-016  | MUFFLER CLAMP 5"                      | 1            |
| 10       | 16248-001  | .5-13 FLANGE NUT                      | 8            |
| 11       | 300541-3   | EXHAUST GASKET GM CATALYTIC CONVERTER | 2            |
| 12       | 1516-000   | .5-12X1.25 HHB                        | 8            |
| 13       | 350077-4   | V-BAND CLAMP 2.75"                    | 1            |
| 14       | 16250-000  | .375-16 FLANGE NUT                    | 6            |
| 15       | 464-000    | .375-16X.75 HHB                       | 6            |
| 16       | 351999-5   | CATALYTIC CONVERTER GM 8.8L T-CAC     | 1            |

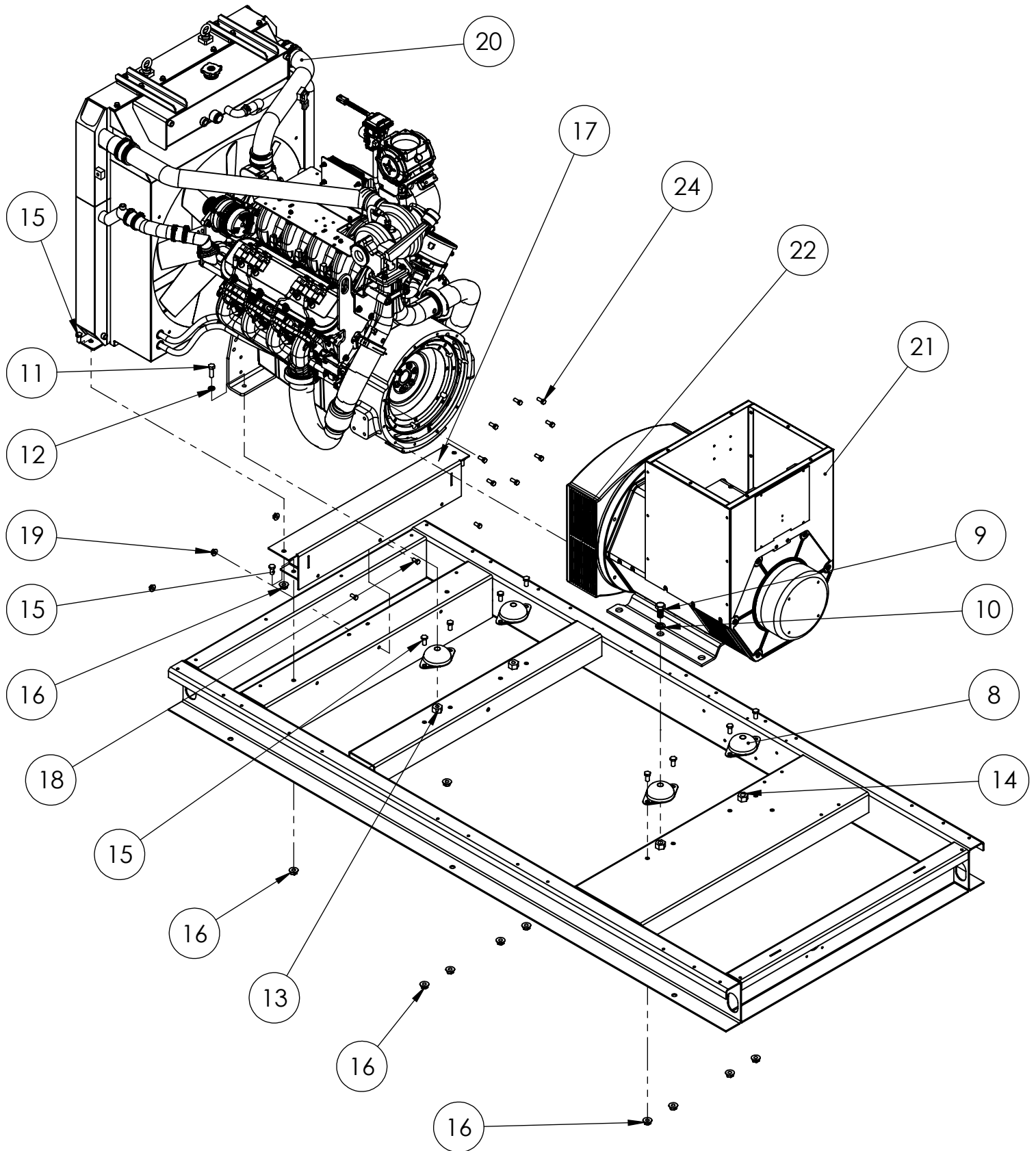
# BASE ASSEMBLY



# BASE ASSEMBLY

| ITEM NO. | PartNo     | DESCRIPTION                           | QTY. |
|----------|------------|---------------------------------------|------|
| 1        | 501150-451 | LEFT FRAME RAIL                       | 1    |
| 2        | 501150-452 | RIGHT FRAME RAIL                      | 1    |
| 3        | 501150-453 | FRONT CROSSMEMBER                     | 1    |
| 4        | 501150-454 | RADIATOR CROSSMEMBER                  | 1    |
| 5        | 501150-455 | ENGINE CROSSMEMBER                    | 1    |
| 6        | 501150-456 | GENERATOR CROSSMEMBER                 | 1    |
| 7        | 501150-457 | REAR CROSSMEMBER                      | 1    |
| 8        | 40667-000  | PIPE COUPLING 1/2" X 1.562"           | 2    |
| 9        | 350944-1   | SHOCKMOUNT 40 DURO                    | 4    |
| 10       | 93711-001  | .75-10X1.5 HHB                        | 2    |
| 11       | 93710-000  | ID.77 OD1.25 TH.20 LOCK               | 2    |
| 12       | 57580-000  | 1/2-13 X 1.5 HHB                      | 2    |
| 13       | 636-000    | LOCKWASHER 1/2 SPLIT                  | 2    |
| 14       | 300547-1   | NUT HEX .5-13 X 1.25 OD               | 2    |
| 15       | 93709-000  | NUT HEX .75-10                        | 2    |
| 16       | 48178-000  | HHCS 1/2-13 X 1                       | 12   |
| 17       | 16248-001  | .5-13 FLANGE NUT                      | 12   |
| 18       | 93084-000  | PIPE PLUG .50 GALV                    | 2    |
| 19       | 94319-008  | HOSE FIT. .500-14NPT X .375 HOSE BARB | 2    |
| 20       | 81018-008  | HOSE CLAMP .875-.25                   | 2    |
| 21       | 501150-407 | RADIATOR MOUNT WELDMENT               | 1    |
| 22       | 505150-103 | BATTERY TRAY                          | 1    |
| 23       | 16248-000  | .25-20 FLANGE NUT                     | 4    |
| 24       | 479-000    | LOCK WASHER .25IN ID.                 | 4    |
| 25       | 476-000    | .25-20X.625 HHB                       | 4    |
| 26       | 464-000    | .375-16X.75 HHB                       | 3    |
| 27       | 16250-000  | .375-16 FLANGE NUT                    | 3    |

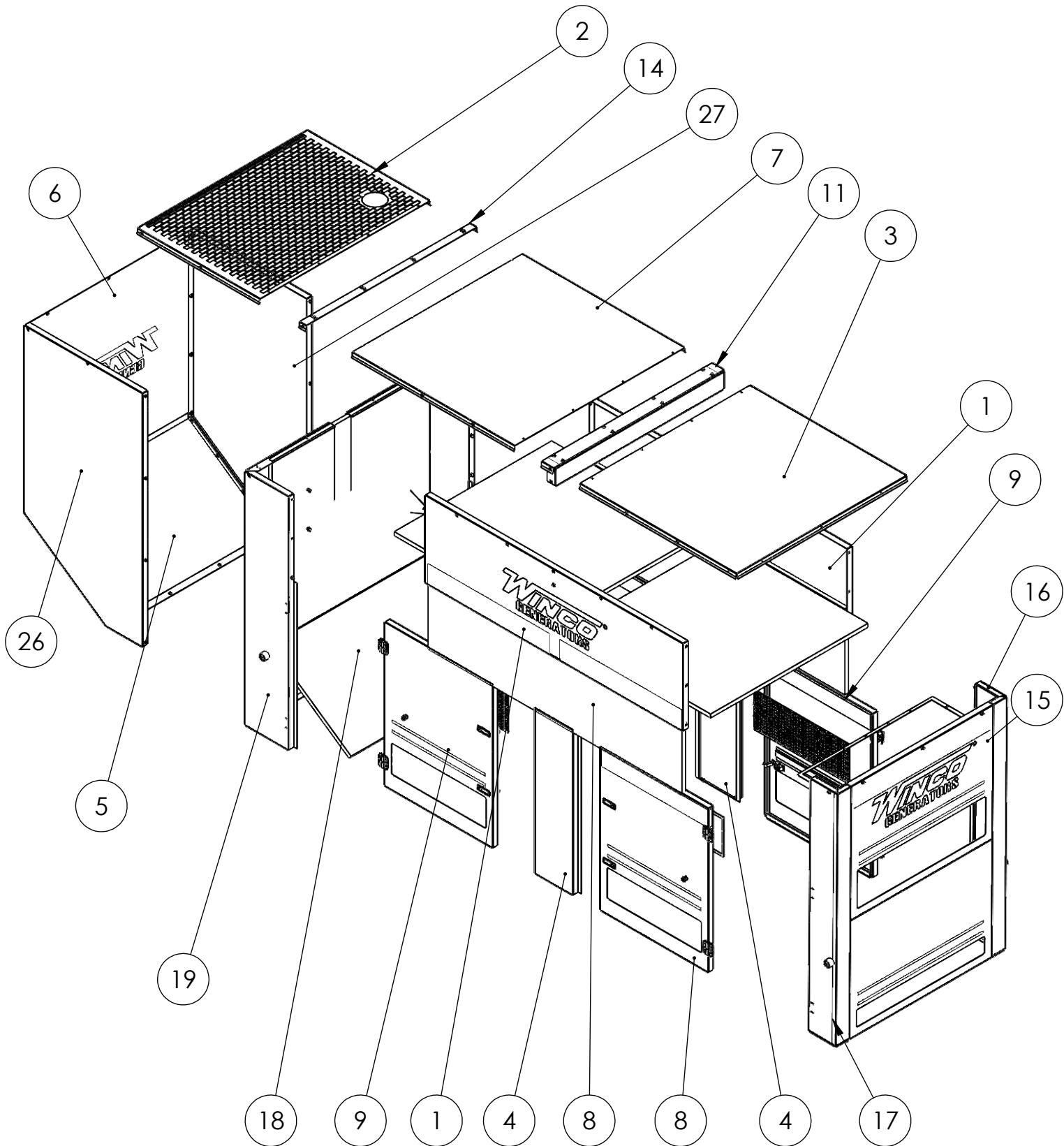
# ENGINE AND GENERATOR



# ENGINE AND GENERATOR

| ITEM NO. | PartNo     | DESCRIPTION                          | QTY. |
|----------|------------|--------------------------------------|------|
| 1        | 501150-451 | LEFT FRAME RAIL                      | 1    |
| 2        | 501150-452 | RIGHT FRAME RAIL                     | 1    |
| 3        | 501150-453 | FRONT CROSSMEMBER                    | 1    |
| 4        | 501150-454 | RADIATOR CROSSMEMBER                 | 1    |
| 5        | 501150-455 | ENGINE CROSSMEMBER                   | 1    |
| 6        | 501150-456 | GENERATOR CROSSMEMBER                | 1    |
| 7        | 501150-457 | REAR CROSSMEMBER                     | 1    |
| 8        | 350944-1   | SHOCKMOUNT 40 DURO                   | 4    |
| 9        | 93711-001  | .75-10X1.5 HHB                       | 2    |
| 10       | 93710-000  | ID.77 OD1.25 TH.20 LOCK              | 2    |
| 11       | 57580-000  | 1/2-13 X 1.5 HHB                     | 2    |
| 12       | 636-000    | LOCKWASHER 1/2 SPLIT                 | 2    |
| 13       | 300547-1   | NUT HEX .5-13 X 1.25 OD              | 2    |
| 14       | 93709-000  | NUT HEX .75-10                       | 2    |
| 15       | 48178-000  | HHCS 1/2-13 X 1                      | 12   |
| 16       | 16248-001  | .5-13 FLANGE NUT                     | 12   |
| 17       | 501150-407 | RADIATOR MOUNT WELDMENT              | 1    |
| 18       | 464-000    | .375-16X.75 HHB                      | 3    |
| 19       | 16250-000  | .375-16 FLANGE NUT                   | 3    |
| 20       | 351987-11  | ENGINE GM/PSI 8.8L TCAC              | 1    |
| 21       | 352013-81  | GEN END UCI274G 311 WDG SAE3<br>11.5 | 1    |
| 22       | 96000-004  | HEX HEAD BOLT 3/8-16 X 1.5           | 12   |
| 23       | 481-001    | LOCKWASHER 3/8 SPLIT BLACK           | 20   |
| 24       | 96000-002  | .375-16X1 HHB                        | 8    |

# HOUSING ASSEMBLY



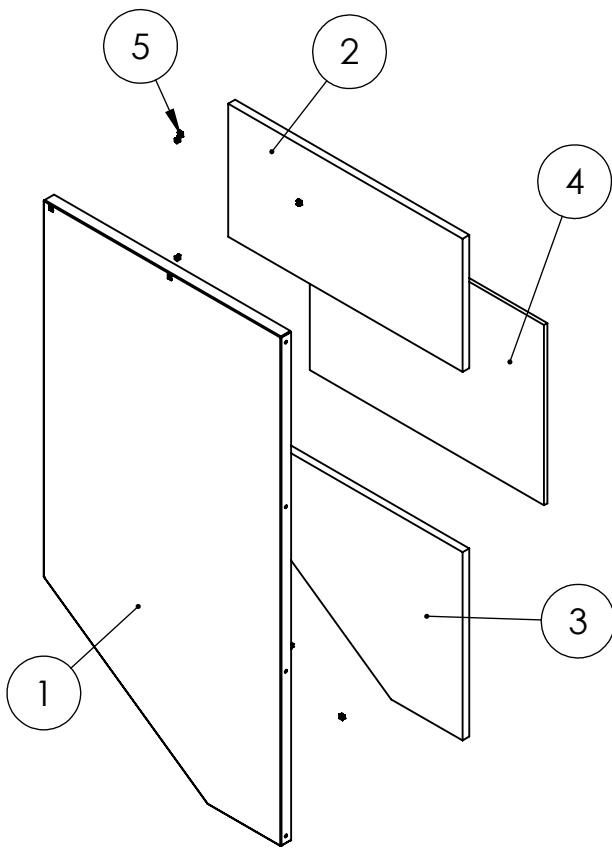
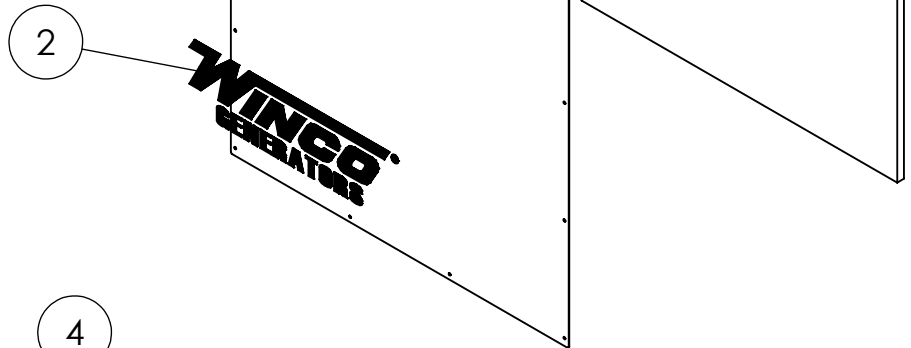
# HOUSING ASSEMBLIES

| ITEM NO. | PartNo    | DESCRIPTION                       | QTY. |
|----------|-----------|-----------------------------------|------|
| 1        | 352300-53 | SIDE SILL DECAL                   | 2    |
| 2        | 352300-35 | FRONT ROOF                        | 1    |
| 3        | 352300-31 | REAR ROOF                         | 1    |
| 4        | 352300-28 | MULLION                           | 2    |
| 5        | 352300-38 | SNORKLE BOTTOM                    | 1    |
| 6        | 352300-51 | SNORKLE FRONT                     | 1    |
| 7        | 352300-33 | ROOF                              | 1    |
| 8        | 352300-1  | DOOR ASSEMBLY RIGHT REAR          | 2    |
| 9        | 352300-2  | LEFT REAR DOOR ASSEMBLY           | 2    |
| 10       | 352300-14 | REAR BOTTOM PANEL ASSEMBLY        | 1    |
| 11       | 352300-30 | ROOF SUPPORT                      | 1    |
| 12       | 352300-36 | DOOR STOP                         | 4    |
| 13       | 352300-32 | REAR ROOF STRAP                   | 1    |
| 14       | 352300-34 | FRONT ROOF STRAP                  | 1    |
| 15       | 352300-52 | REAR TOP ASSEMBLY DECAL AND FOAM  | 1    |
| 16       | 352300-21 | RIGHT REAR CORNER ASSEMBLY        | 1    |
| 17       | 352300-23 | LEFT REAR CORNER ASSEMBLY         | 1    |
| 18       | 352300-25 | RIGHT FRONT CORNER ASSEMBLY       | 1    |
| 19       | 352300-27 | LEFT FRONT CORNER ASSEMBLY        | 1    |
| 20       | 352301-28 | MULLION FOAM                      | 2    |
| 21       | 352301-29 | SIDE SILL FOAM                    | 2    |
| 22       | 352301-30 | REAR ROOF FOAM                    | 1    |
| 23       | 352301-31 | MID ROOF FOAM                     | 1    |
| 24       | 352301-32 | SNORKLE BOTTOM FOAM               | 1    |
| 25       | 352301-33 | SNORKLE FRONT FOAM                | 1    |
| 26       | 352300-41 | LEFT FRONT SNORKLE PANLE ASSEMBLY | 1    |
| 27       | 352300-42 | RIGHT SNORKLE PANEL ASSEMBLY      | 1    |
| 28       | 92495-000 | .25-20 TINNERMAN                  | 15   |
| 29       | 92419-000 | .3125-18 TINNERMANN               | 2    |
| 30       | 65005-000 | .25 WASHER SS                     | 48   |
| 31       | 65003-000 | SS LOCKWASHER .25 ID              | 48   |
| 32       | 65000-000 | .25-20X.625 SS HHCS               | 44   |
| 33       | 65000-002 | .25 -20X1 SS HHCS                 | 4    |
| 34       | 65005-001 | 5/16 WASHER SS                    | 18   |
| 35       | 65003-001 | LOCKWASHER 5/16 SPLIT SS          | 18   |
| 36       | 65001-001 | SS HHCS 5/16-18 X .75             | 18   |
| 37       | 16249-000 | .3125-18 FLANGE                   | 73   |
| 38       | 467-000   | HHCS 5/16-18X.75                  | 39   |
| 39       | 477-000   | HHCS .3125-18X.625                | 10   |
| 40       | 16446-000 | M8-1.25 NYLOCK                    | 16   |
| 41       | 98879-001 | THREAD STUD .3125-18X.75          | 8    |
| 42       | 526-000   | WASHER .3125 ID                   | 24   |
| 43       | 512-000   | .25 WASHER                        | 2    |
| 44       | 479-000   | LOCK .25 SPLIT                    | 2    |
| 45       | 439-000   | .25-20 X 1 HHB                    | 2    |

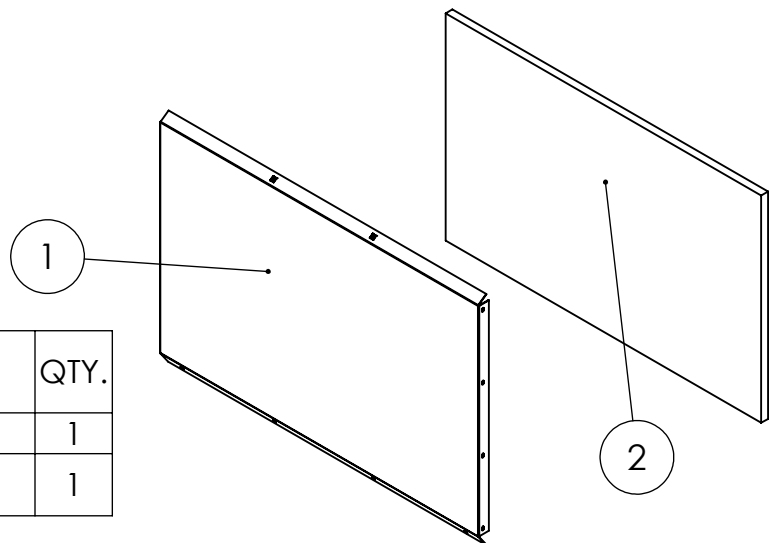


# HOUSING SNORKLE ASSEMBLY

| ITEM NO. | PartNo    | DESCRIPTION        | QTY. |
|----------|-----------|--------------------|------|
| 1        | 352300-51 | SNORKLE FRONT      | 1    |
| 2        | 98313-000 | WINCO LOGO         | 1    |
| 3        | 352301-33 | SNORKLE FRONT FOAM | 1    |



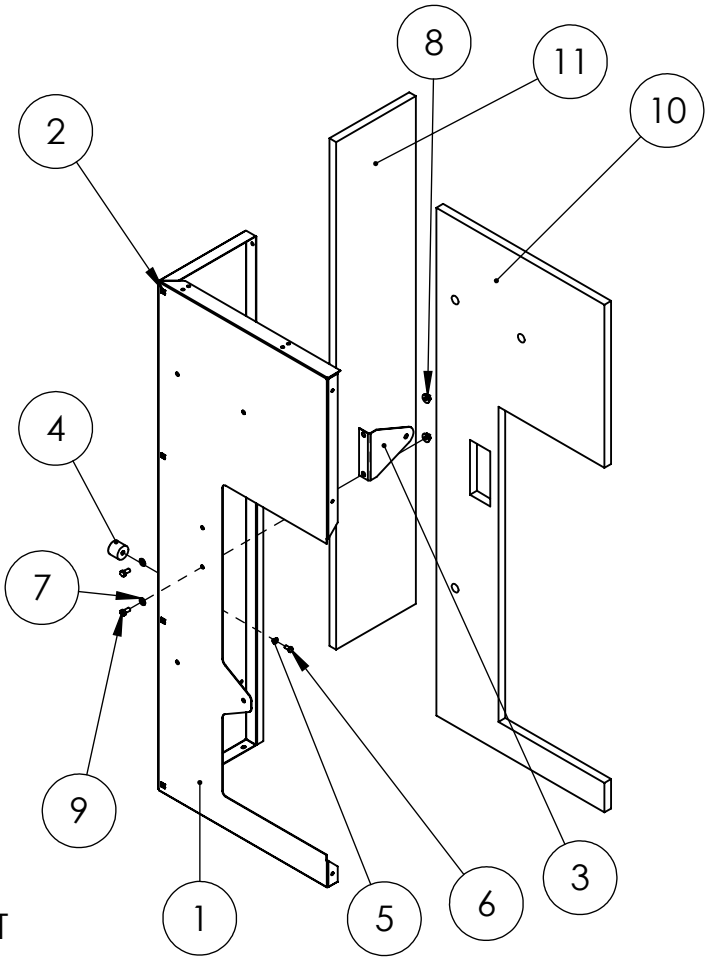
| ITEM NO. | PartNo    | DESCRIPTION                  | QTY. |
|----------|-----------|------------------------------|------|
| 1        | 352300-39 | SNORKLE LEFT SIDE            | 1    |
| 2        | 352301-36 | SNORKLE LET SIDE TOP FOAM    | 1    |
| 3        | 352301-37 | SNORKLE LET SIDE BOTTOM FOAM | 1    |
| 4        | 352301-38 | SNORKLE CAT FOAM             | 1    |
| 5        | 92495-000 | .25-20 TINNEMAN              | 10   |



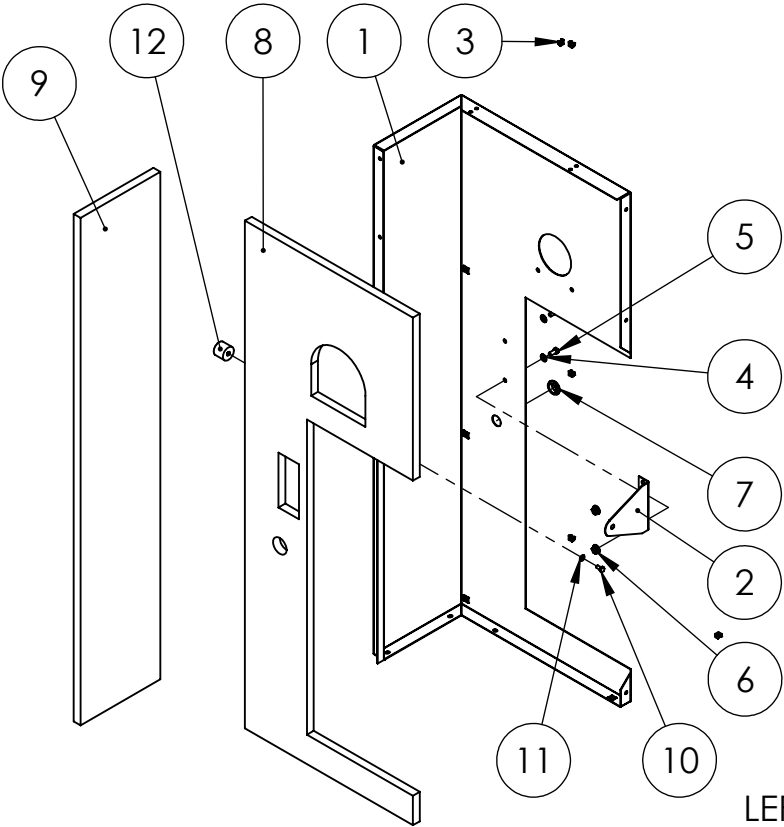
| ITEM NO. | PartNo    | DESCRIPTION         | QTY. |
|----------|-----------|---------------------|------|
| 1        | 352300-38 | SNORKLE BOTTOM      | 1    |
| 2        | 352301-32 | SNORKLE BOTTOM FOAM | 1    |

# RADIATOR SUPPORT ASSEMBLY

| ITEM NO. | PartNo     | DESCRIPTION                     | QTY. |
|----------|------------|---------------------------------|------|
| 1        | 352300-24  | FRONT RIGHT CORNOR              | 1    |
| 2        | 92495-000  | .25-20 TINNERMAN                | 6    |
| 3        | 585150-210 | RADIATOR MOUNTING BRACKET       | 1    |
| 4        | 95232-000  | DOOR HOLDER FEMALE              | 1    |
| 5        | 526-000    | WASHER .3125 ID                 | 1    |
| 6        | 477-000    | HHCS .3125-18X.625              | 1    |
| 7        | 20604-000  | 3/8 WASHER                      | 2    |
| 8        | 16250-000  | .375-16 FLANGE NUT              | 2    |
| 9        | 464-000    | .375-16X.75 HHB                 | 2    |
| 10       | 352301-24  | RIGHT FRONT CORNER FOAM (FRONT) | 1    |
| 11       | 352301-25  | FRONT CORNER FOAM (SIDES)       | 1    |



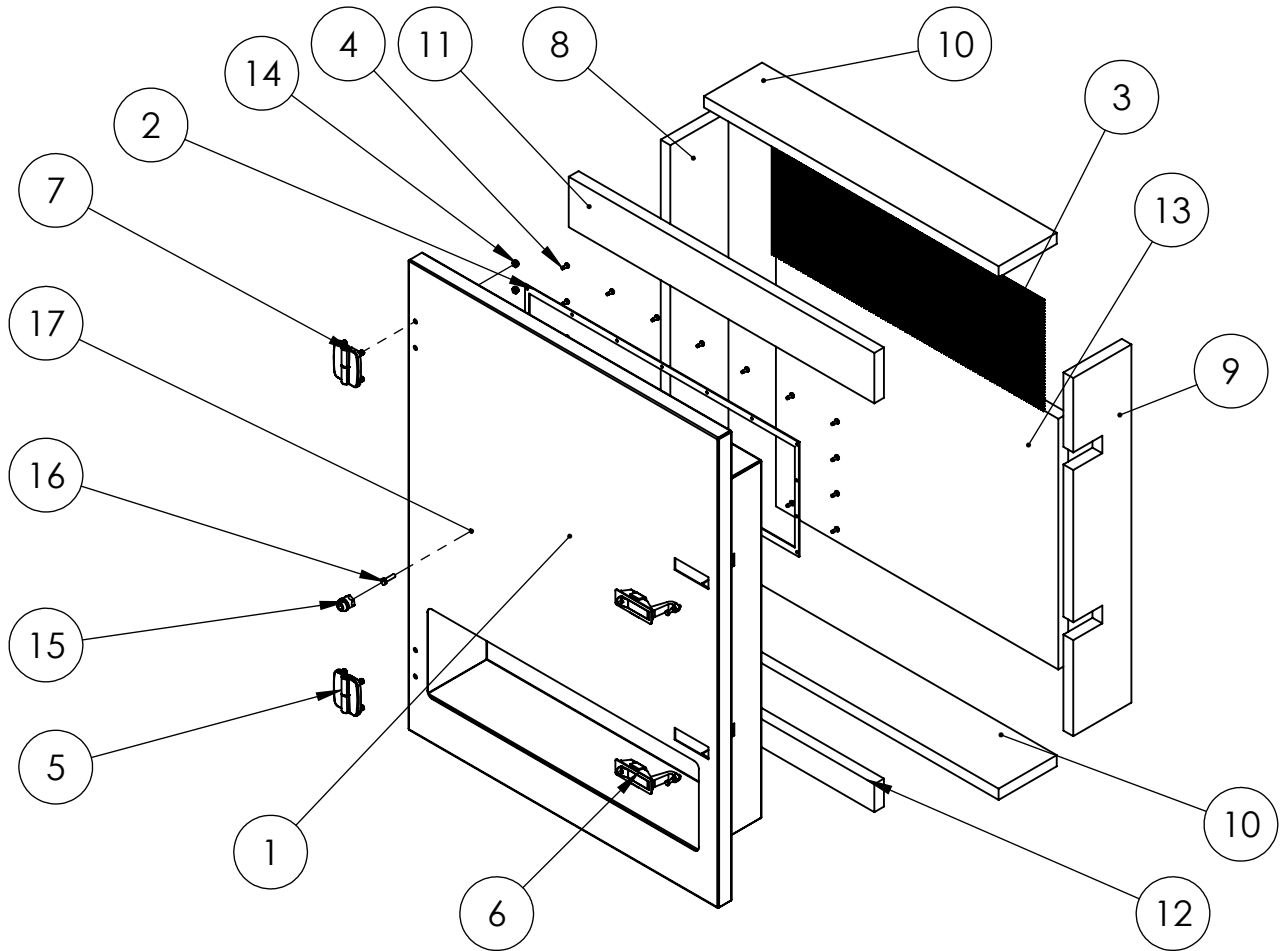
RIGHT



LEFT

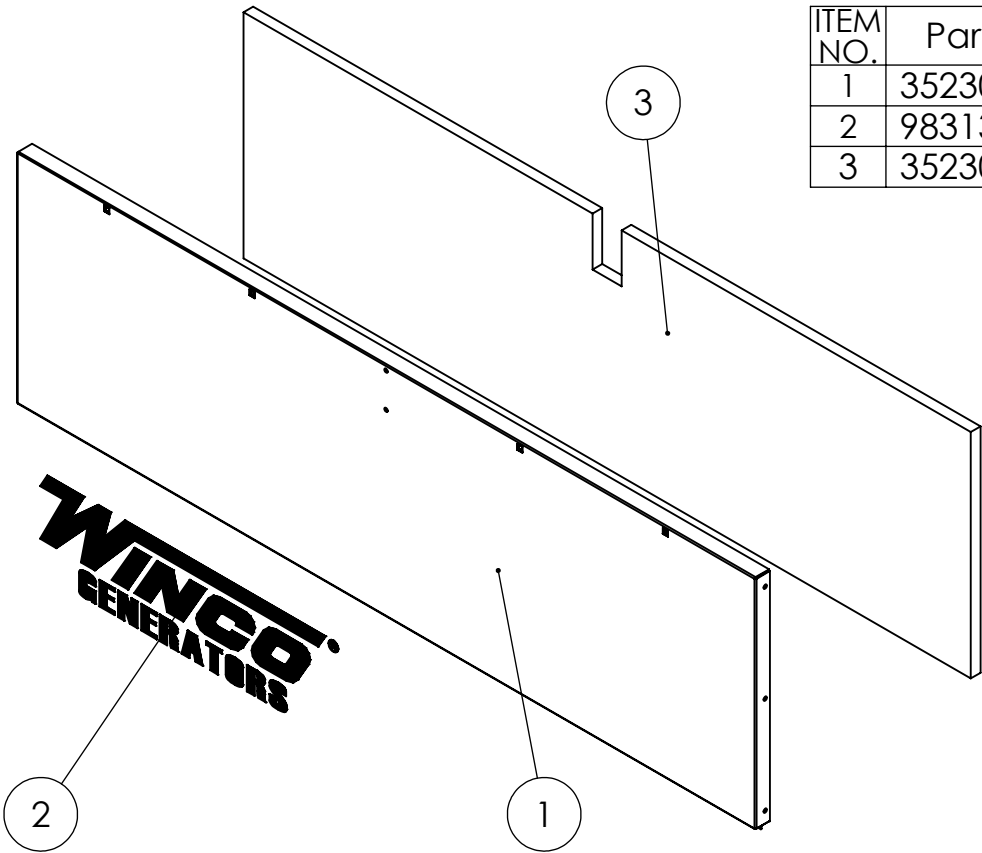
| ITEM NO. | PartNo     | DESCRIPTION                    | QTY. |
|----------|------------|--------------------------------|------|
| 1        | 352300-26  | LEFT RADIATOR HOUSING          | 1    |
| 2        | 585150-210 | RADIATOR MOUNTING BRACKET      | 1    |
| 3        | 92495-000  | .25-20 TINNERMAN               | 6    |
| 4        | 20604-000  | 3/8 WASHER                     | 2    |
| 5        | 464-000    | .375-16X.75 HHB                | 2    |
| 6        | 16250-000  | .375-16 FLANGE NUT             | 2    |
| 7        | 62486-000  | GROMMET 1 X 1.375              | 1    |
| 8        | 352301-26  | LEFT FRONT CORNER FOAM (FRONT) | 1    |
| 9        | 352301-25  | FRONT CORNER FOAM (SIDES)      | 1    |
| 10       | 477-000    | HHCS .3125-18X.625             | 1    |
| 11       | 526-000    | WASHER .3125 ID                | 1    |
| 12       | 95232-000  | DOOR HOLDER FEMALE             | 1    |

# DOOR PANEL ASSEMBLY



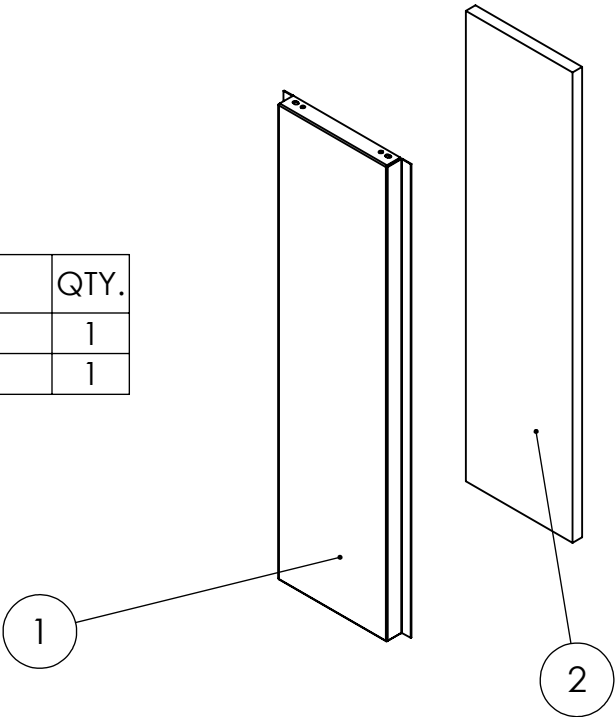
| ITEM NO. | PartNo    | DESCRIPTION                             | Default/QTY. |
|----------|-----------|-----------------------------------------|--------------|
| 1        | 352300-9  | LEFT SWINGING DOOR WELDMENT             | 1            |
| 2        | 352300-4  | SCREEN HOLDER                           | 1            |
| 3        | 300526-5  | INTAKE SCREEN                           | 1            |
| 4        | 21698-001 | TORX PAN HEAD SCREW #10                 | 18           |
| 5        | 350054-4  | LIFT OFF HINGE LEFT                     | 1            |
| 6        | 95229-005 | DOOR LATCH                              | 2            |
| 7        | 350054-3  | LIFT OFF HINGE RIGHT                    | 1            |
| 8        | 352301-1  | DOOR BAFFLE SIDE FOAM                   | 1            |
| 9        | 352301-8  | LEFT DOOR BAFFLE SIDE FOAM (LATCH SIDE) | 1            |
| 10       | 352301-3  | TOP AND BOTTOM DOOR BAFFLE FOAM         | 2            |
| 11       | 352301-5  | TOP DOOR FOAM                           | 1            |
| 12       | 352301-4  | BOTTOM DOOR FOAM                        | 1            |
| 13       | 352301-6  | DOOR BAFFLE CENTER FOAM                 | 1            |
| 14       | 16446-000 | M8-1.25 NYLOCK                          | 4            |
| 15       | 95232-001 | DOOR HOLDER MALE                        | 1            |
| 16       | 65000-002 | .25 -20X1 SS HHCS                       | 1            |
| 17       | 16248-000 | .25-20 FLANGE NUT                       | 1            |

# SIDE ASSEMBLIES

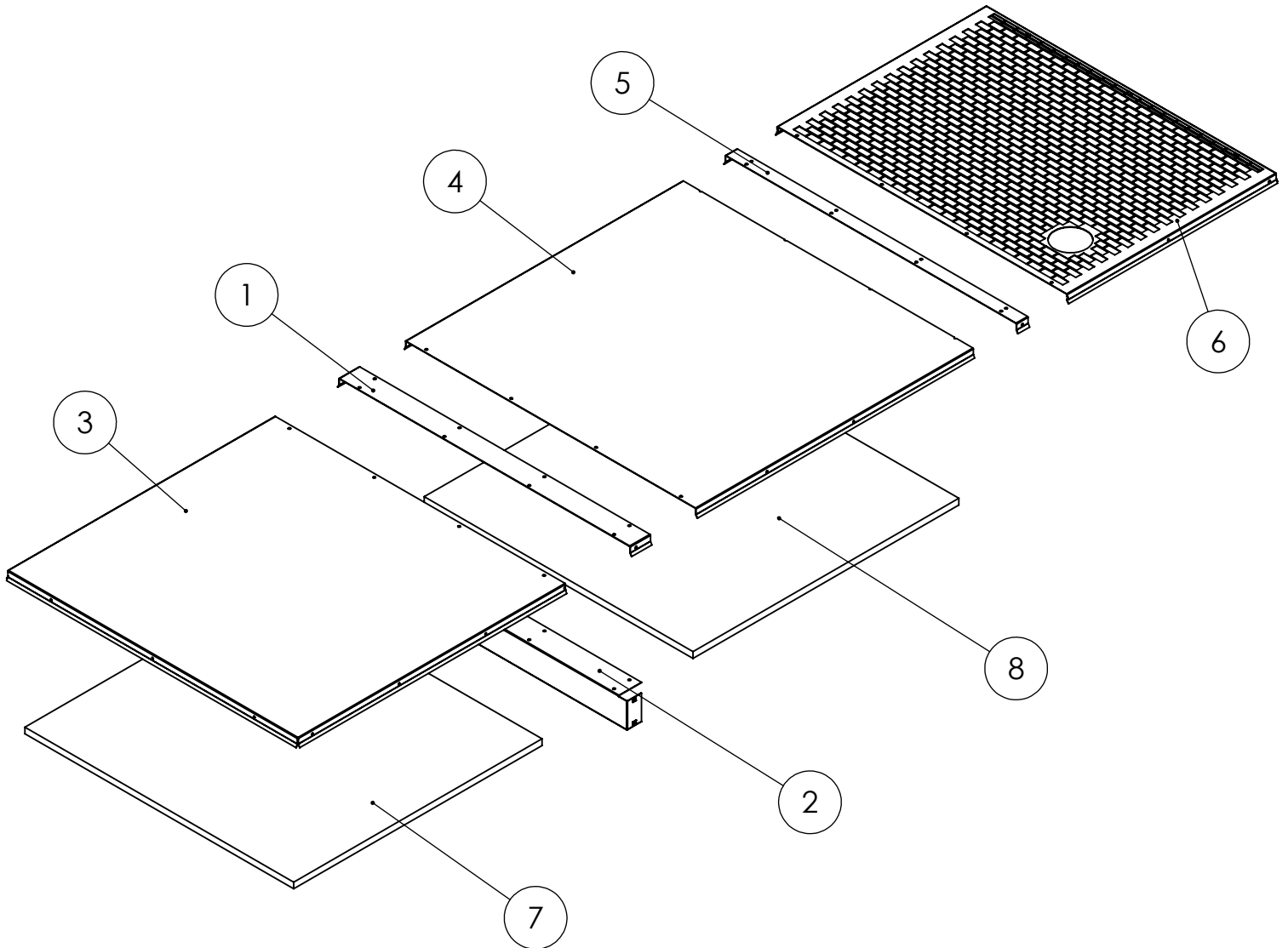


| ITEM NO. | PartNo    | DESCRIPTION    | QTY. |
|----------|-----------|----------------|------|
| 1        | 352300-53 | SIDE SILL      | 1    |
| 2        | 98313-000 | WINCO LOGO     | 1    |
| 3        | 352301-29 | SIDE SILL FOAM | 1    |

| ITEM NO. | PartNo    | DESCRIPTION  | QTY. |
|----------|-----------|--------------|------|
| 1        | 352300-28 | MULLION      | 1    |
| 2        | 352301-28 | MULLION FOAM | 1    |

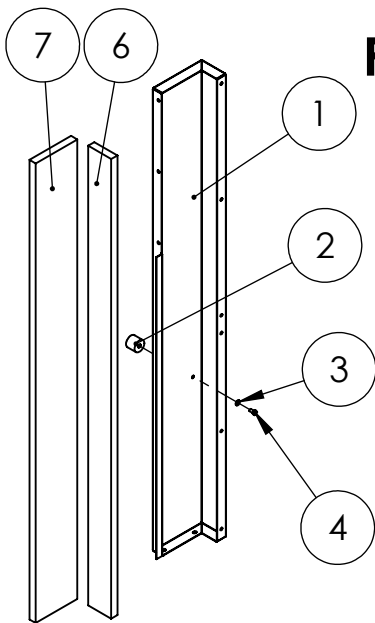


# ROOF ASSEMBLY



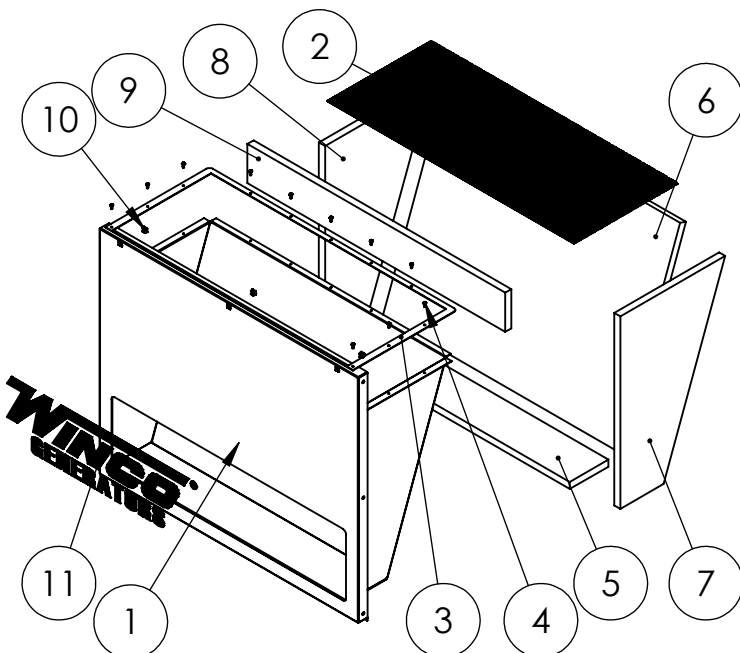
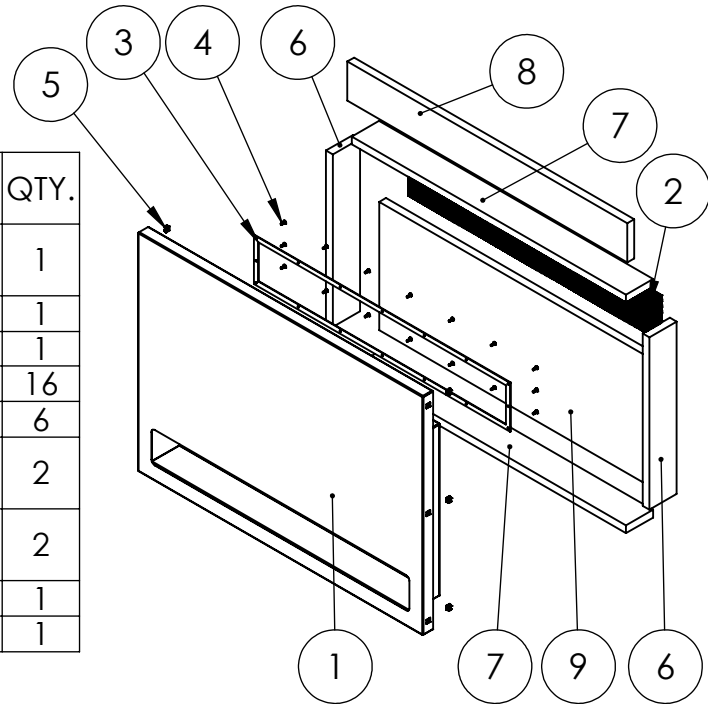
| ITEM NO. | PartNo    | DESCRIPTION      | QTY. |
|----------|-----------|------------------|------|
| 1        | 352300-32 | REAR ROOF STRAP  | 1    |
| 2        | 352300-30 | ROOF SUPPORT     | 1    |
| 3        | 352300-31 | REAR ROOF        | 1    |
| 4        | 352300-33 | ROOF             | 1    |
| 5        | 352300-34 | FRONT ROOF STRAP | 1    |
| 6        | 352300-35 | FRONT ROOF       | 1    |
| 7        | 352301-30 | REAR ROOF FOAM   | 1    |
| 8        | 352301-31 | MID ROOF FOAM    | 1    |

# REAR HOUSING ASSEMBLY



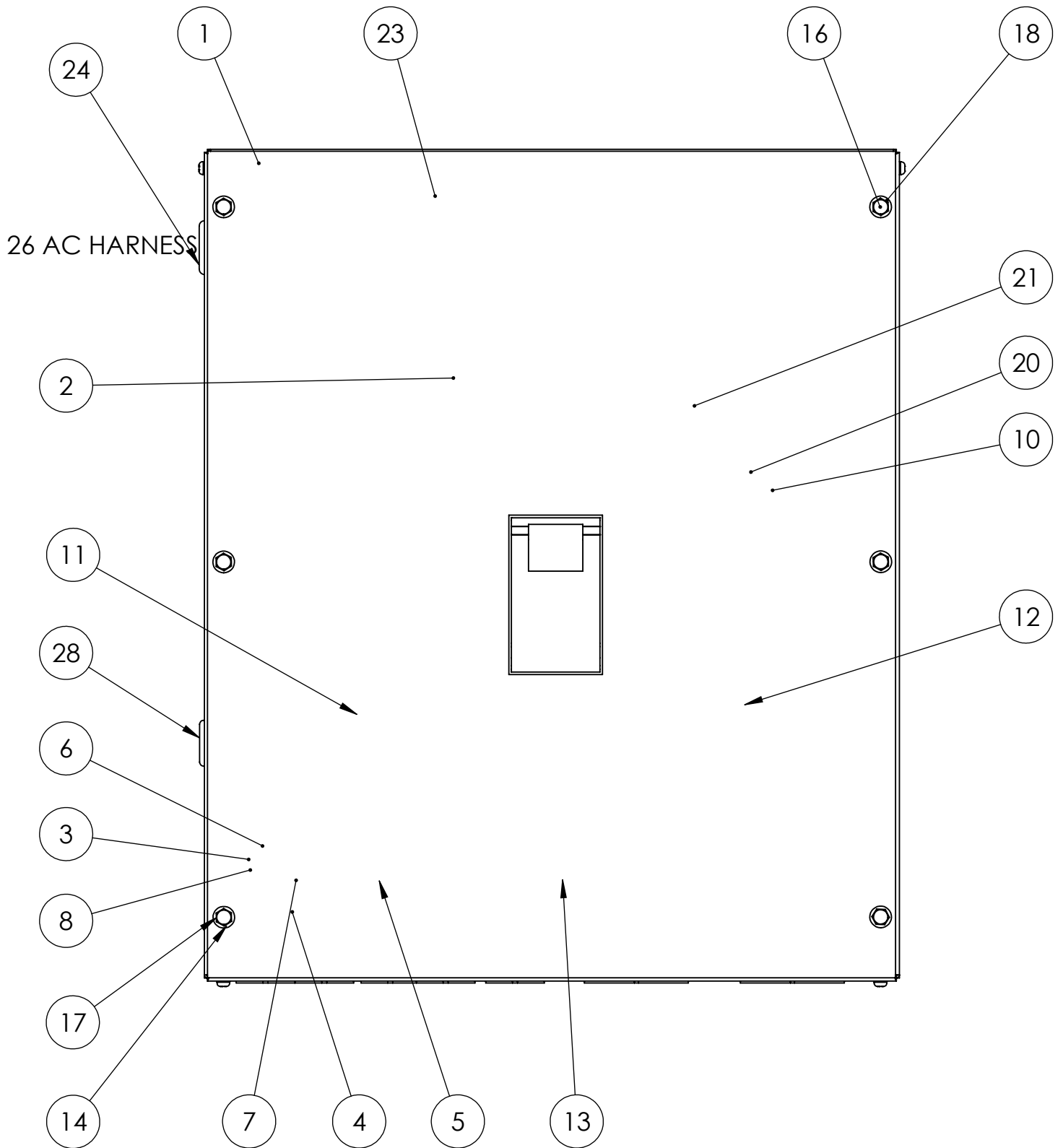
| ITEM NO. | PartNo    | DESCRIPTION             | QTY. |
|----------|-----------|-------------------------|------|
| 1        | 352300-20 | RIGHT REAR CORNER       | 1    |
| 2        | 95232-000 | DOOR HOLDER FEMALE      | 1    |
| 3        | 526-000   | WASHER .3125 ID         | 1    |
| 4        | 477-000   | HHCS .3125-18X.625      | 1    |
| 5        | 92495-000 | .25-20 TINNEMAN         | 1    |
| 6        | 352301-21 | REAR CORNER FOAM (REAR) | 1    |
| 7        | 352301-22 | REAR CORNER FOAM (SIDE) | 1    |

| ITEM NO. | PartNo    | DESCRIPTION                     | QTY. |
|----------|-----------|---------------------------------|------|
| 1        | 352300-13 | REAR PANEL WELDMENT (BOTTOM)    | 1    |
| 2        | 300526-6  | INTAKE SCREEN (REAR BOTTOM)     | 1    |
| 3        | 352300-12 | REAR BOTTOM SCREEN HOLDER       | 1    |
| 4        | 21698-001 | TORX PAN HEAD SCREW #10         | 16   |
| 5        | 92495-000 | .25-20 TINNEMAN                 | 6    |
| 6        | 352301-11 | REAR BOTTOM BAFFLE SIDE FOAM    | 2    |
| 7        | 352301-12 | REAR BAFFLE TOP AND BOTTOM FOAM | 2    |
| 8        | 352301-13 | REAR BOTTOM PANEL FOAM          | 1    |
| 9        | 352301-14 | REAR BAFFLE CENTER FOAM         | 1    |



| ITEM NO. | PartNo    | DESCRIPTION                     | QTY. |
|----------|-----------|---------------------------------|------|
| 1        | 352300-17 | REAR TOP WELDMENT               | 1    |
| 2        | 300526-7  | INTAKE SCREEN                   | 1    |
| 3        | 352300-19 | REAR TOP SCREEN HOLDER          | 1    |
| 4        | 21698-001 | TORX PAN HEAD SCREW #10         | 11   |
| 5        | 352301-15 | REAR TOP BAFFLE BOTTOM FOAM     | 1    |
| 6        | 352301-16 | REAR TOP BAFFLE CENTER FOAM     | 1    |
| 7        | 352301-17 | REAR TOP BAFFLE RIGHT SIDE FOAM | 1    |
| 8        | 352301-18 | REAR TOP BAFFLE LEFT SIDE FOAM  | 1    |
| 9        | 352301-19 | REAR TOP PANEL FOAM             | 1    |
| 10       | 92495-000 | .25-20 TINNEMAN                 | 3    |
| 11       | 98313-000 | WINCO LOGO                      | 1    |

# CIRCUIT BREAKER BOX COMPONENTS



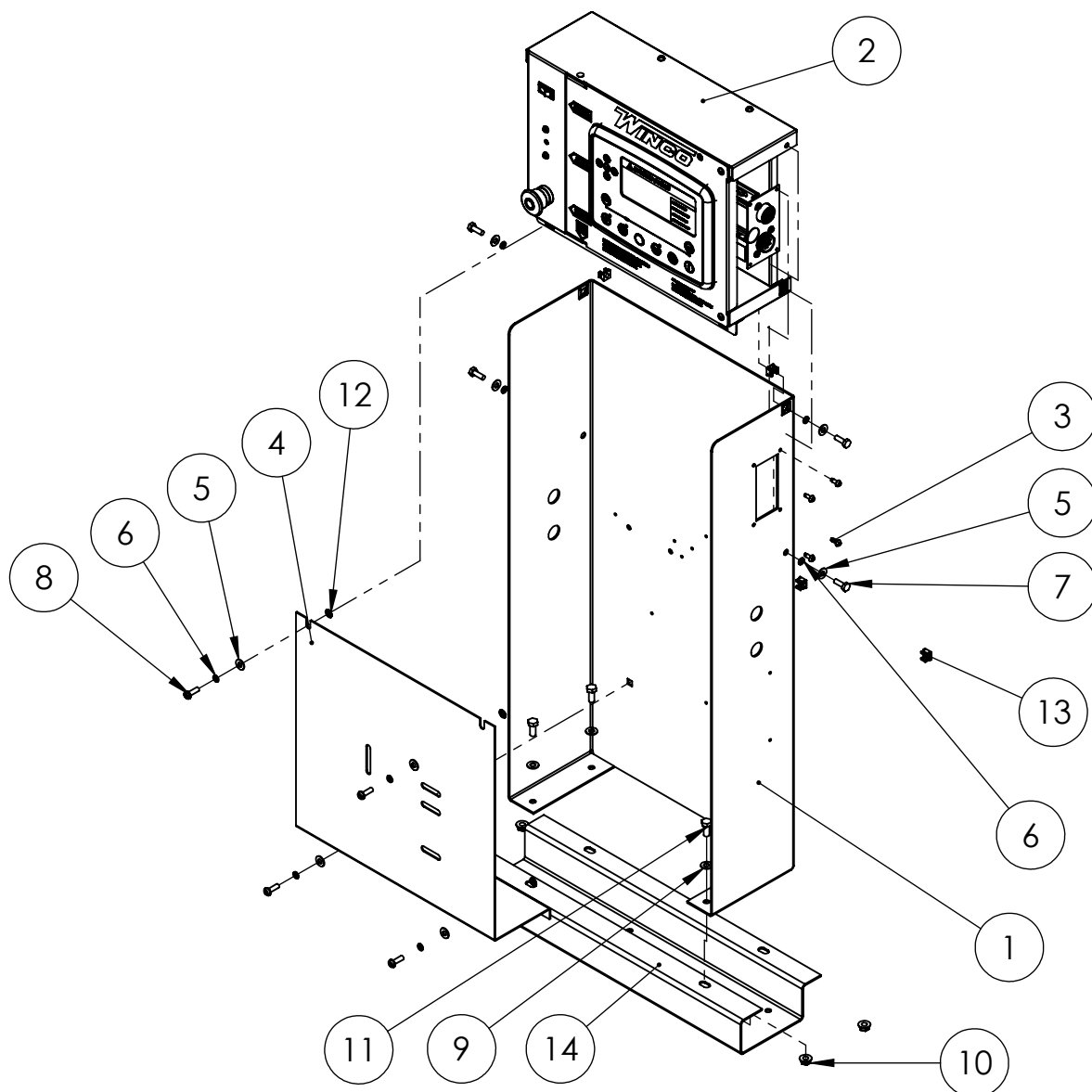
CB BOX COVER NOT SHOWN

# CIRCUIT BREAKER BOX PARTS LIST

| ITEM NO. | PartNo     | DESCRIPTION                                     | QTY. |
|----------|------------|-------------------------------------------------|------|
| 1        | 525150-007 | CB BOX                                          | 1    |
| 2        | 81097-053  | CIR.BRK. 600A-3PL-600V,                         | 1    |
| 3        | 80623-008  | TERMINAL BLOCK, 4PT, 20A                        | 1    |
| 4        | 64576-020  | DECAL-GFCI PROTECTED UTILITY 4P                 | 1    |
| 5        | 63941-005  | DECAL-CIRCUIT REMAINS ENERGIZED                 | 1    |
| 6        | 22370-006  | TERMINAL SPADE 16-14AWG #5-#6                   | 6    |
| 7        | 80623-013  | 2 POLE TERMINAL BLOCK JUMPER                    | 1    |
| 8        | 7614-000   | RHMS 8-32 X .75                                 | 2    |
| 9        | 95985-000  | NUT HEX #8-32 NYLOK                             | 2    |
| 10       | 97753-011  | TERMINAL BLOCK 1PL 760 AMP 4GA                  | 2    |
| 11       | 16499-000  | UL-DECAL-GROUNDING-WHITE                        | 1    |
| 12       | 16501-000  | DECAL-FLOATING NEUTRAL                          | 1    |
| 13       | 16503-000  | DECAL-COPPER CONDUCTORS ONLY                    | 1    |
| 14       | 92495-000  | .25-20 TINNEMAN                                 | 6    |
| 15       | 528150-009 | CB BOX COVER                                    | 1    |
| 16       | 439-000    | .25-20 X 1 HHB                                  | 6    |
| 17       | 479-000    | LOCK .25 SPLIT                                  | 6    |
| 18       | 512-000    | .25 WASHER                                      | 6    |
| 19       | 47517-000  | .25-20 NYLOCK                                   | 4    |
| 20       | 64858-103  | BHSCS .25-20 X .75 BUTTON HEAD SOCKET CAP SCREW | 4    |
| 21       | 91190-002  | RHMS 10-24 X 4.5 ZINC                           | 4    |
| 22       | 5315-000   | NUT HEX 10-24 NYLON                             | 4    |
| 23       | 80124-012  | CURRENT TRANSFORMER 1000:5                      | 3    |
| 24       | 62486-000  | GROMMET 1 X 1.375                               | 1    |
| 25       | 410175-701 | AC HARNESS                                      | 1    |
| 26       | 21698-001  | TORX PAN HEAD SCREW #10                         | 4    |
| 27       | 96286-002  | FLAT WASHER NYLON                               | 4    |
| 28       | 23917-000  | GROMMET .6875ID X 1                             | 1    |

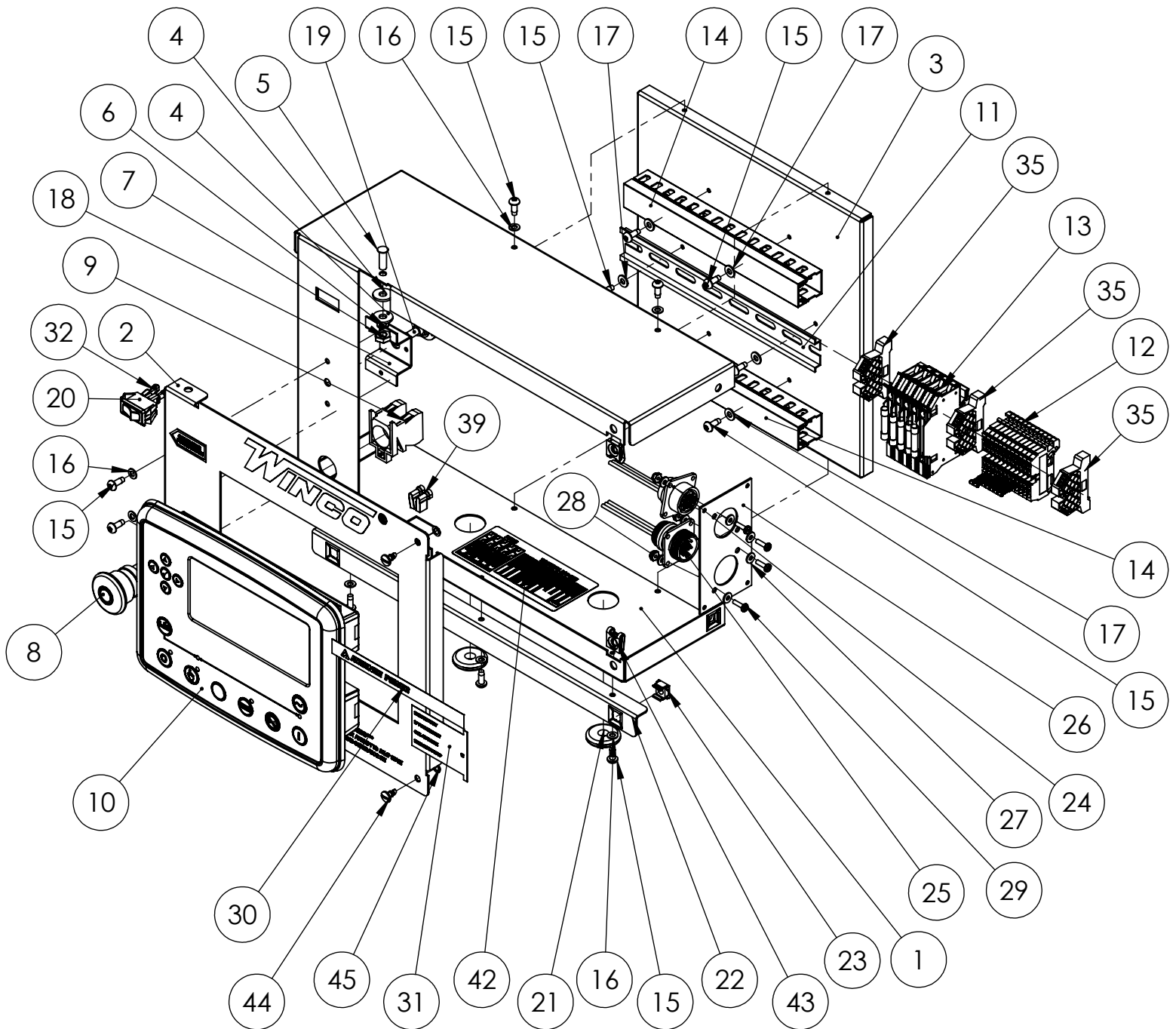


# ENGINE CONTROL ASSEMBLY



| ITEM NO. | PartNo    | DESCRIPTION                  | QTY. |
|----------|-----------|------------------------------|------|
| 1        | 351903-27 | DSE MKII PEDESTAL            | 1    |
| 2        | 351891-43 | DSE 7310 MKII ENGINE CONTROL | 1    |
| 3        | 21698-001 | TORX PAN HEAD SCREW #10      | 4    |
| 4        | 351903-29 | PEDESTAL COVER PLATE         | 1    |
| 5        | 512-000   | .25 WASHER                   | 8    |
| 6        | 479-000   | LOCK WASHER, .25" SPLIT      | 8    |
| 7        | 466-000   | .25-20X.75 HHB               | 4    |
| 8        | 21253-000 | RHMS 1/4-20X .75             | 4    |
| 9        | 526-000   | WASHER .3125 ID              | 4    |
| 10       | 16249-000 | .3125-18 FLANGE              | 4    |
| 11       | 467-000   | HHCS 5/16-18X.75             | 4    |
| 12       | 15376-001 | PUSH NUT BOLT RETAINER       | 4    |
| 13       | 92495-002 | 1/4-20 TINNEMAN (12 GA)      | 4    |
| 14       | 352306-51 | CONTROL BOX MOUNT            | 1    |

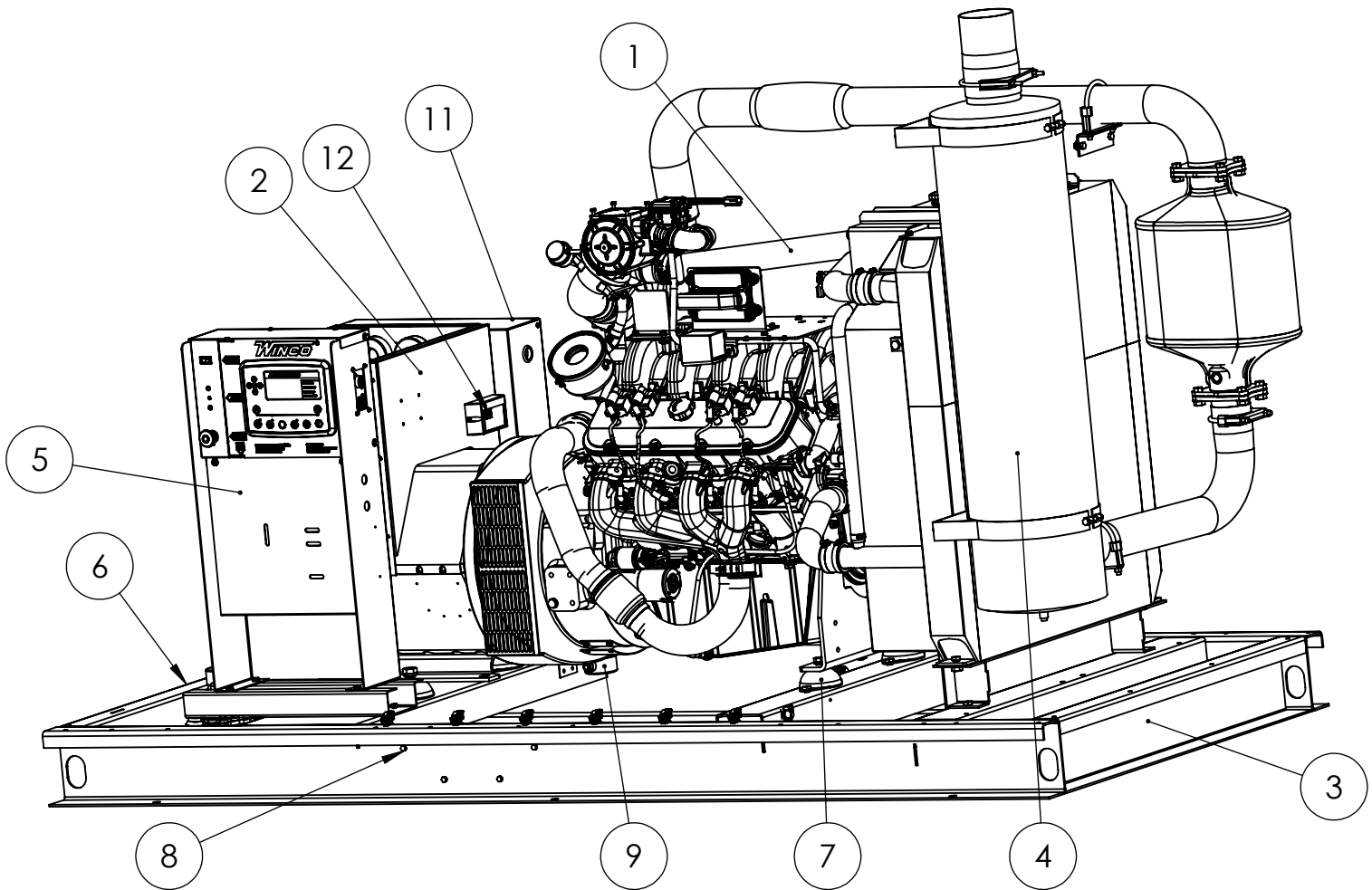
# ENGINE CONTROL



# ENGINE CONTROL

| ITEM NO. | PartNo     | DESCRIPTION                                             | QTY. |
|----------|------------|---------------------------------------------------------|------|
| 1        | 351900-33  | CONTROL BOX MAIN BASE                                   | 1    |
| 2        | 351900-38  | DSE 7310 MKII CONTROL PANEL WITH SILK<br>SCREEN FOR PSS | 1    |
| 3        | 351900-34  | CONTROL BOX DIN RAIL MOUNTING PLATE                     | 1    |
| 4        | 96286-001  | 1/4" NYLON WASHER                                       | 4    |
| 5        | 94980-003  | THREAD STUD .25-20 X .750                               | 2    |
| 6        | 479-000    | LOCK WASHER, .25" SPLIT                                 | 2    |
| 7        | 638-000    | HEX NUT, .25IN                                          | 2    |
| 8        | 99783-001  | SWITCH, PUSH-PULL                                       | 1    |
| 9        | 99783-002  | SWITCH CONTACT                                          | 1    |
| 10       | 351112-29  | DEEP SEA ELECTRONICS 7310 MKII                          | 1    |
| 11       | 64551-005  | DIN RAIL 9.5"                                           | 1    |
| 12       | 80623-009  | TERMINAL BLOCK, DIN MOUNTED, SPRING<br>CAGE             | 12   |
| 13       | 2489-003   | FUSE HOLDER, DIN MOUNTED                                | 5    |
| 14       | 352017-001 | WIRE DUCT, 8.5IN                                        | 2    |
| 15       | 21698-001  | TORX PAN HEAD SCREW #10                                 | 15   |
| 16       | 96286-002  | FLAT WASHER NYLON                                       | 9    |
| 17       | 598-000    | #10 WASHER                                              | 6    |
| 18       | 351900-36  | RHEOSTAT MOUNTING BRACKET                               | 1    |
| 19       | 97517-001  | REOSTAT                                                 | 1    |
| 20       | 64089-000  | SPST, ROCKER SWITCH                                     | 2    |
| 21       | 23917-002  | GROMMET .375 X 1                                        | 2    |
| 22       | 351900-35  | COVER SUPPORT BRACKET                                   | 1    |
| 23       | 92495-000  | .25-20 TINNEMAN                                         | 4    |
| 24       | 96925-002  | 14 PIN CONNECTOR                                        | 1    |
| 25       | 96925-006  | 16 PIN CONNECTOR                                        | 1    |
| 26       | 351900-37  | PLUG MOUNTING PLATE                                     | 1    |
| 27       | 425-000    | #6 FLATWASHER                                           | 8    |
| 28       | 51802-000  | NUT HEX #6-32 NYLOCK                                    | 4    |
| 29       | 24988-000  | SCREW 6-32 X 1/2 BIND                                   | 4    |
| 30       | 16600-005  | DSE MKII ADVANCE POWER LOGO INSERT                      | 1    |
| 31       | 16601-005  | DSE 7310 MKII LIGHT LEGEND CARD INSERT                  | 1    |
| 32       | 48602-003  | TERMINAL FEMALE 16-14 AWG .250 TAB                      | 2    |
| 33       | 96924-001  | TERMINAL, PIN, 18-16AWG                                 | 11   |
| 34       | 96923-001  | TERMINAL, SOCKET, 18-16AWG                              | 10   |
| 35       | 80623-010  | END BLOCK, DIN MOUNTED                                  | 3    |
| 36       | 95064-006  | FUSE AGC 10 AMP                                         | 1    |
| 37       | 95064-000  | FUSE AGC 3 AMP                                          | 1    |
| 38       | 95064-008  | FUSE AGC 2 AMP                                          | 3    |
| 39       | 61898-000  | TERMINAL FLAG 16/14AWG .250                             | 2    |
| 40       | 96923-101  | PLUG TERMINAL                                           | 4    |
| 41       | 96924-101  | PLUG TERMINAL                                           | 5    |
| 42       | 351095-16  | DECAL, FUSES AND TERMINAL BLOCKS                        | 1    |
| 43       | 91683-000  | 1/4 TURN CLIP NUT                                       | 2    |
| 44       | 91682-001  | STUD 1/4 TURN SLOTTED                                   | 2    |
| 45       | 91684-000  | RETAINER RING 1/4 TURN SPLIT RING                       | 2    |
| 46       | 80623-011  | 2-POLE TERMINAL BLOCK JUMPER                            | 2    |
| 47       | 80623-012  | 3-POLE TERMINAL BLOCK JUMPER                            | 1    |

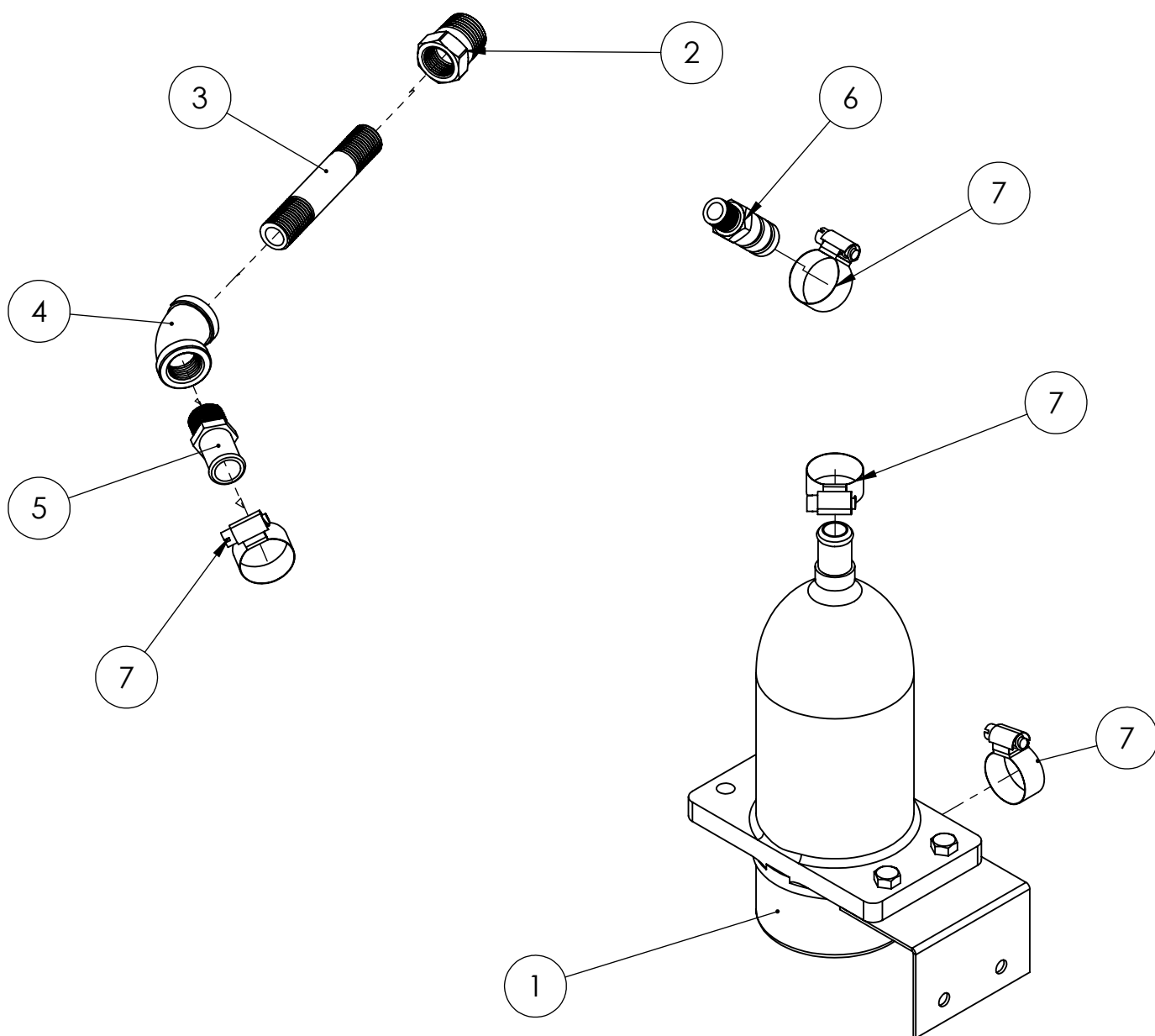
# CONTROL ASSEMBLY AND CABLES



| ITEM NO. | PartNo     | DESCRIPTION                       | QTY. |
|----------|------------|-----------------------------------|------|
| 1        | 351987-11  | ENGINE GM/PSI 8.8L TCAC           | 1    |
| 2        | 352013-81  | GEN END UCI274G 311 WDG SAE3 11.5 | 1    |
| 3        | 501150-450 | FRAME WELDMENT                    | 1    |
| 4        | 507150-005 | EXHAUST SYSETM                    | 1    |
| 5        | 351903-33  | PEDESTAL WITH MKII CONTROLLER     | 1    |
| 6        | 504150-005 | FUEL ASSEMBLY TWO FUEL SOLENOIDS  | 1    |
| 7        | 506150-004 | HARDWARE KIT                      | 1    |
| 8        | 505150-003 | BATTERY KIT                       | 1    |
| 9        | 509150-004 | BLOCK HEATER KIT                  | 1    |
| 10       | 574150-202 | PSS150 HOUSING ASSEMBLY           | 1    |
| 11       | 502150-014 | CB ASSEMBLY                       | 1    |
| 12       | 352020-12  | BATTERY CHARGER KIT 12V 2AMP      | 1    |
| 13       | 511150-105 | ENGINE HARNESS MKII               | 1    |
| 14       | 351559-11  | PSS150 DECAL KIT                  | 1    |
| 15       | 100114-717 | SKID AND CRATE                    | 1    |

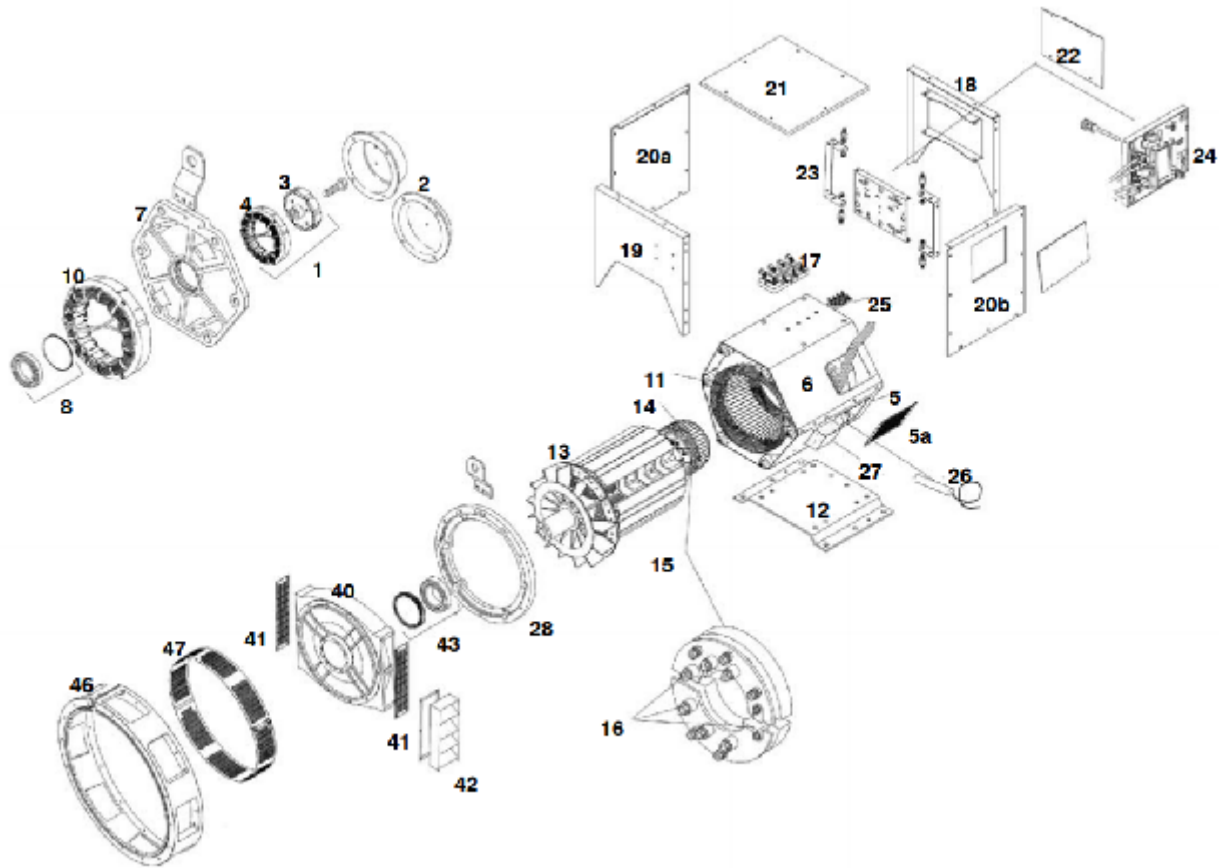
| BATTERY CHARGERS |           |
|------------------|-----------|
| 2 AMP            | 352020-12 |
| 5 AMP            | 352020-18 |
| 10 AMP           | 352020-18 |
| 10 AMP NFPA      | 352020-20 |

# BLOCK HEATER



| ITEM NO. | PartNo    | DESCRIPTION                                 | Default/<br>QTY. |
|----------|-----------|---------------------------------------------|------------------|
| 1        | 80781-003 | PRE HEATER 1000W/120V TANK<br>HEATER        | 1                |
| 2        | 56372-000 | HEX REDUCER BUSHING 1/2 -3/8 NPT            | 1                |
| 3        | 16456-006 | PIPE NPL 3/8 X 3.5                          | 1                |
| 4        | 56896-001 | ELBOW PIPE 3/8 45D                          | 1                |
| 5        | 92388-000 | HOSE FIT .375NPT X .625 HOSE                | 1                |
| 6        | 350341    | HOSE FITTING 1/4 NPT (M) X 5/8<br>HOSE BARB | 1                |
| 7        | 81018-005 | HOSE CLAMP 1.0625-.500                      | 4                |

# GENERATOR END

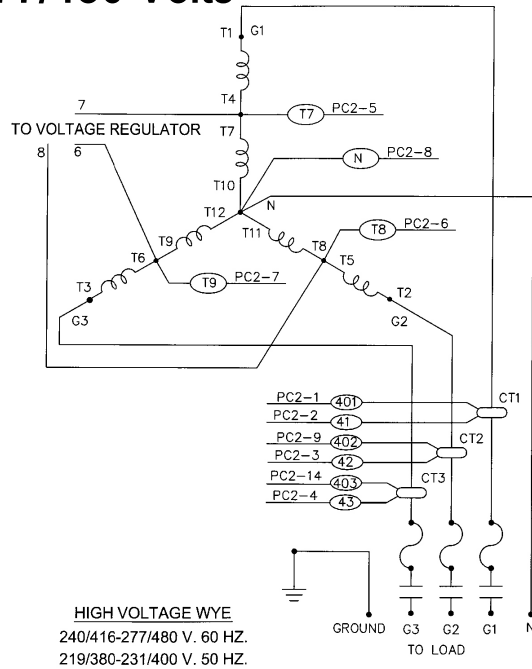


| ITEM                                                | DESCRIPTION            | PSS150-3  | PSS150-4, 17, 18 | QTY |
|-----------------------------------------------------|------------------------|-----------|------------------|-----|
| -                                                   | COMPLETE GENERATOR END | 352013-81 |                  | 1   |
| -                                                   | STAMFORD MODEL         | UCI274G   |                  | -   |
| -                                                   | WINDING                | 311       |                  | -   |
| 24                                                  | AVR AS460 AVR          | 350818-2  |                  | 1   |
| FOR ADDITIONAL PARTS SUPPORT CONTACT WINCO SERVICE. |                        |           |                  |     |

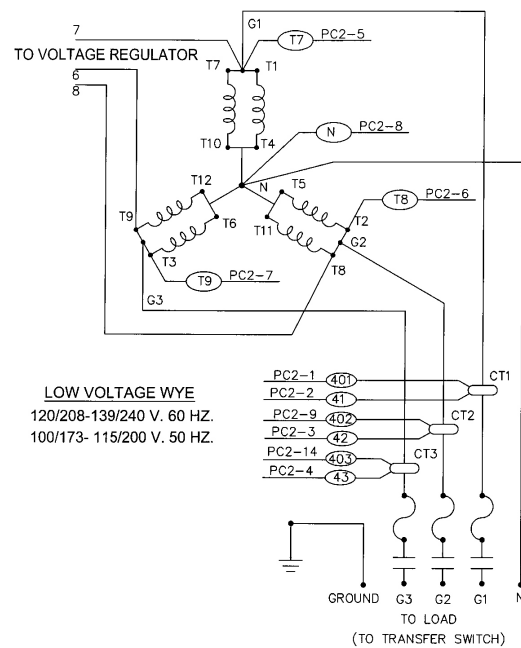
| EXPECTED RESISTANCE ( $\Omega$ ) AT 20C<br>(MEASURED VALUES SHOULD BE +/-10%) |         |
|-------------------------------------------------------------------------------|---------|
| MODEL                                                                         | UCI274G |
| STATOR WINDING<br>(PER PHASE SERIES<br>CONNECTED)                             | .010    |
| ROTOR WINDING                                                                 | 1.69    |
| EXCITER STATOR                                                                | 20      |
| EXCITER ROTOR ( PER PHASE)                                                    | 0.156   |
| PMG STATOR<br>(OPTIONAL)                                                      | 2.6     |

# GENERATOR CONNECTIONS

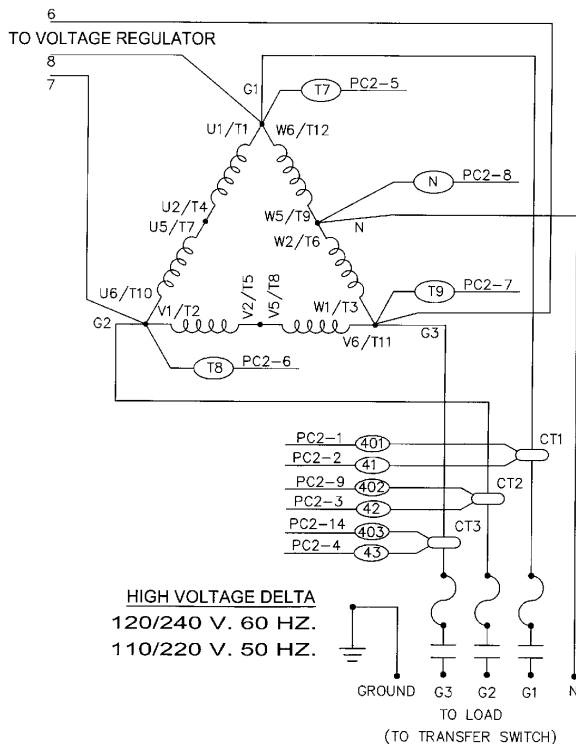
## Thee Phase - High Wye 277/480 Volts



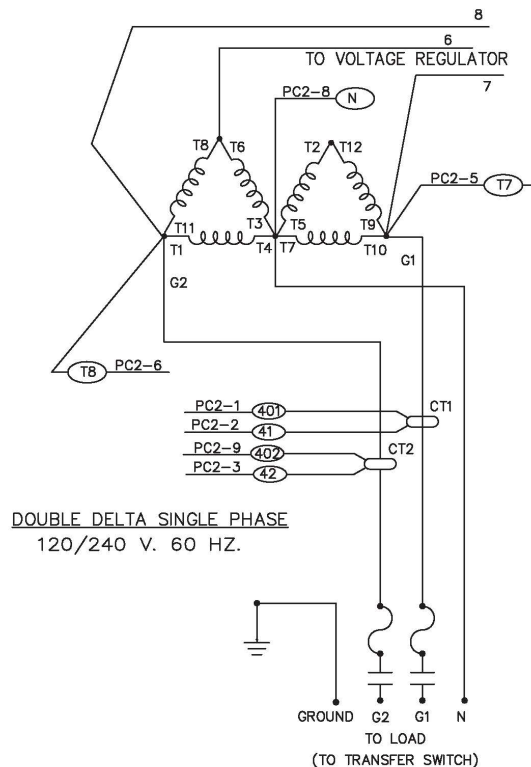
## Thee Phase - Low Wye 120/208 Volts



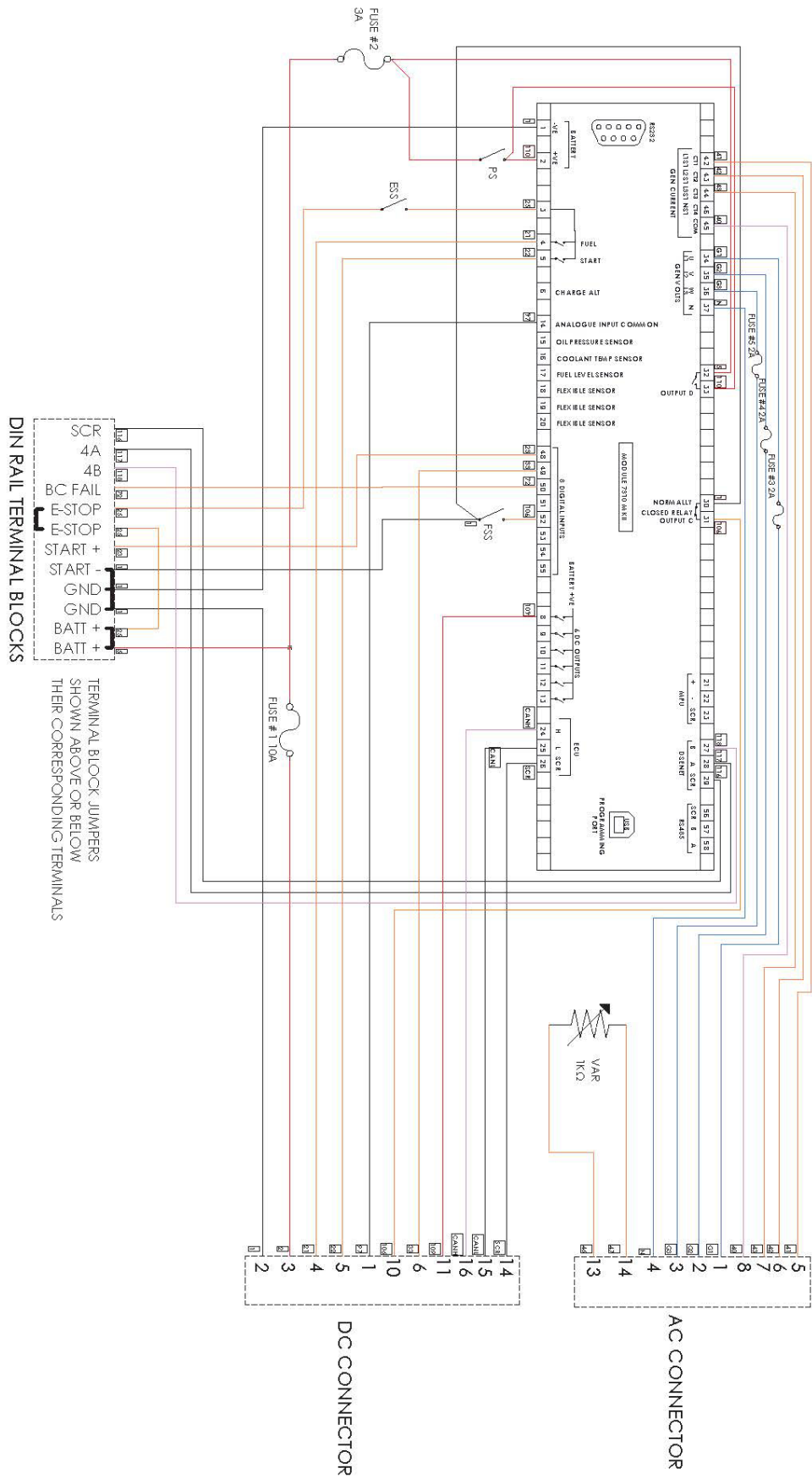
## Thee Phase - Delta 120/240 Volts



## Double Delta Single Phase

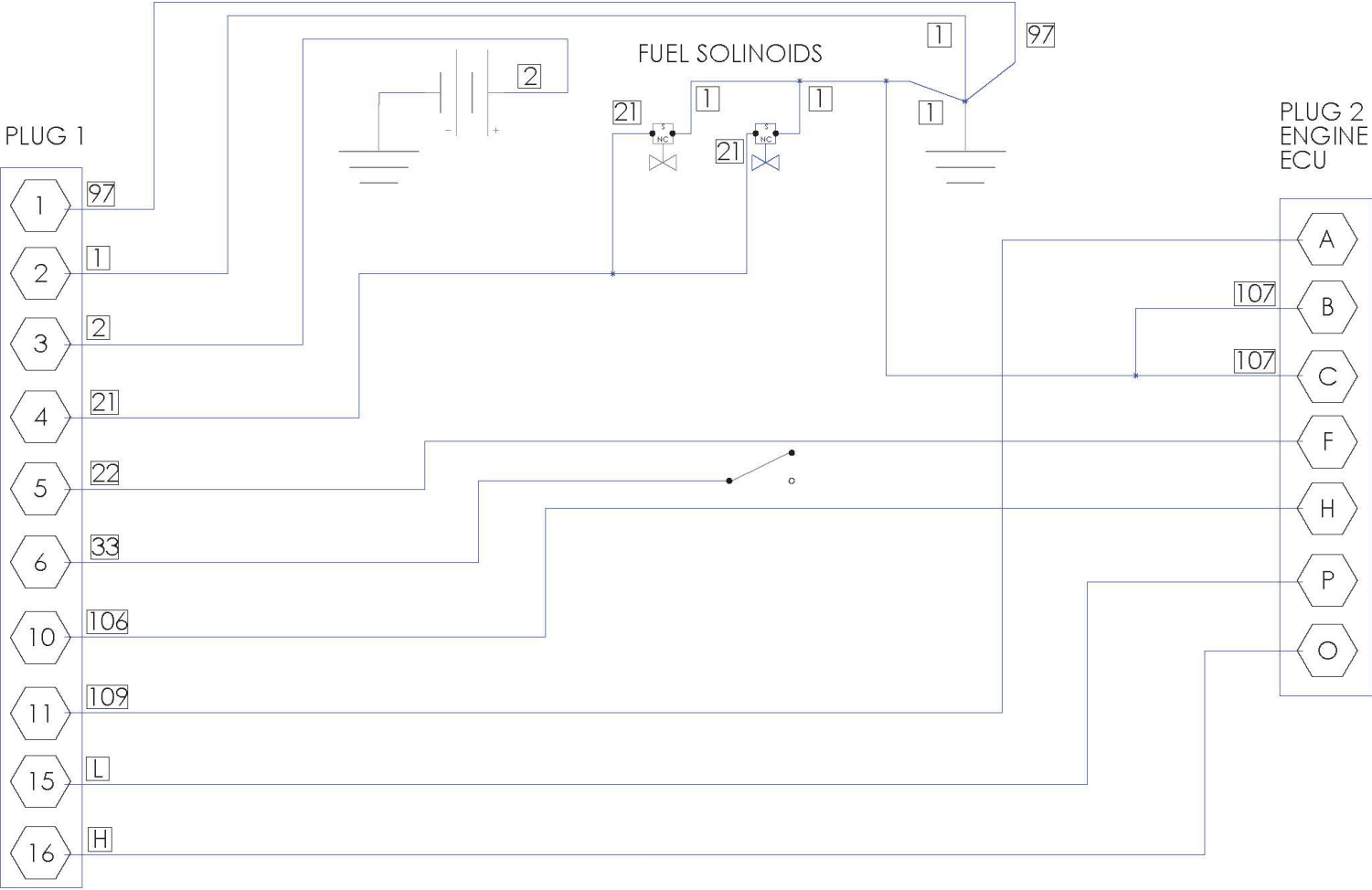


# GENSET CONTROL SCHEMATIC





# HARNESS SCHEMATIC



## ENGINE SCHEMATIC

