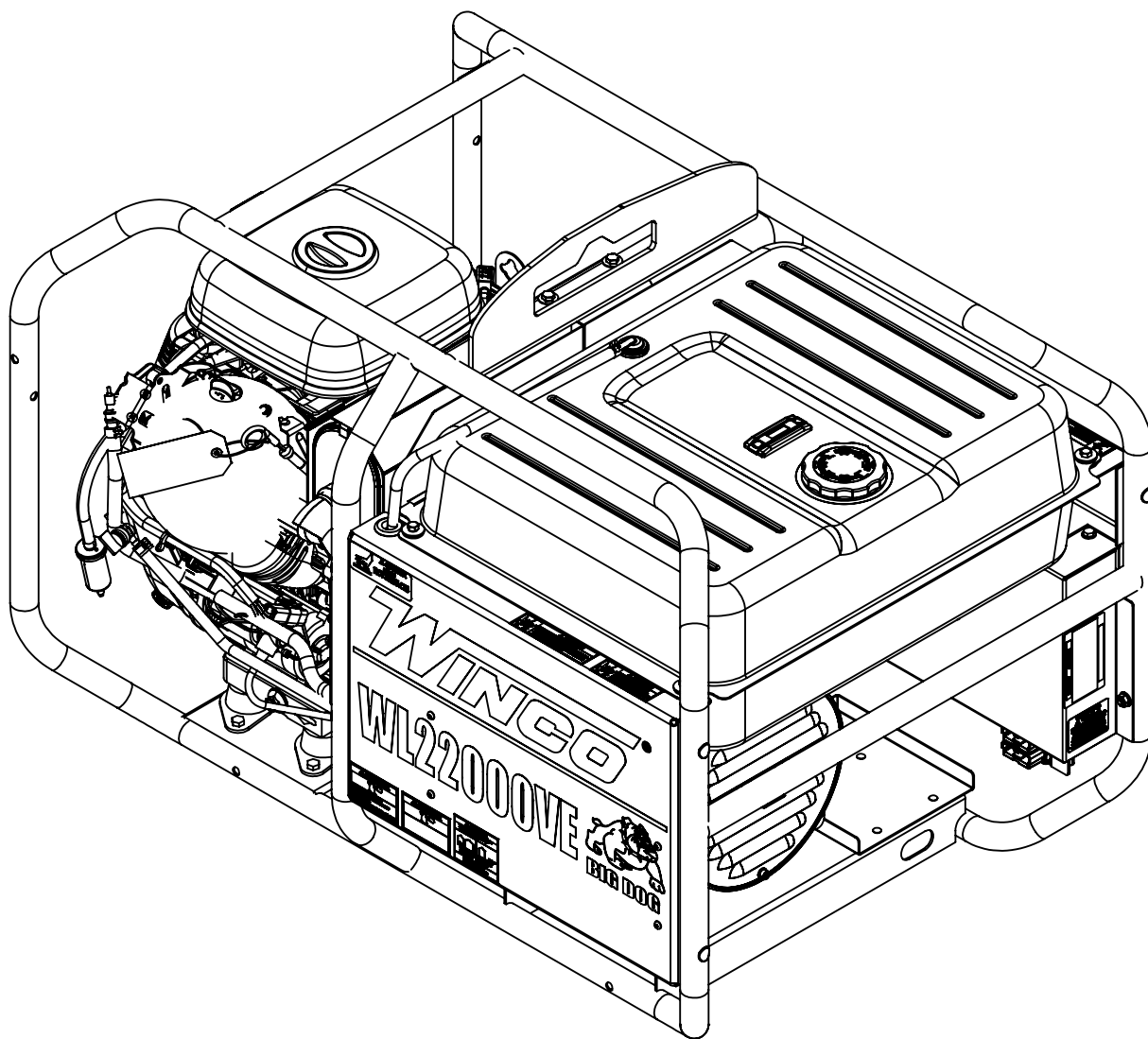


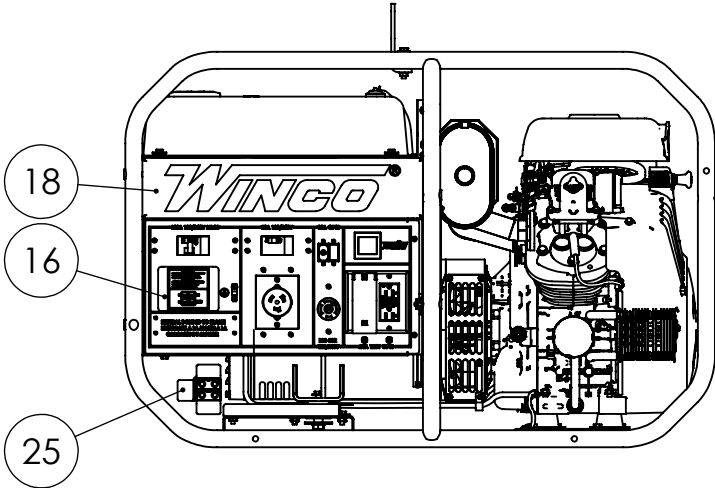
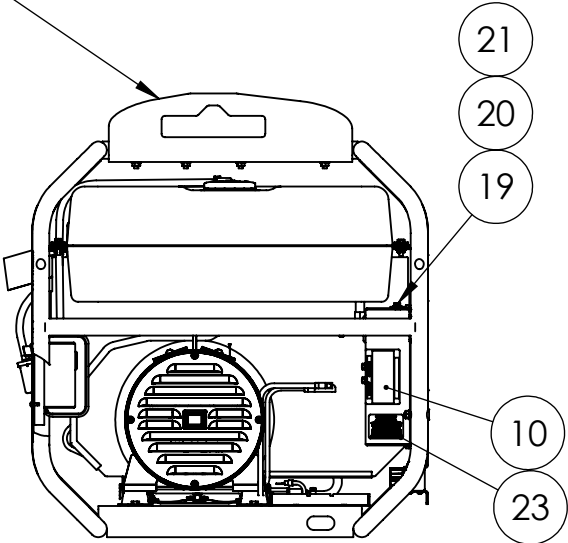
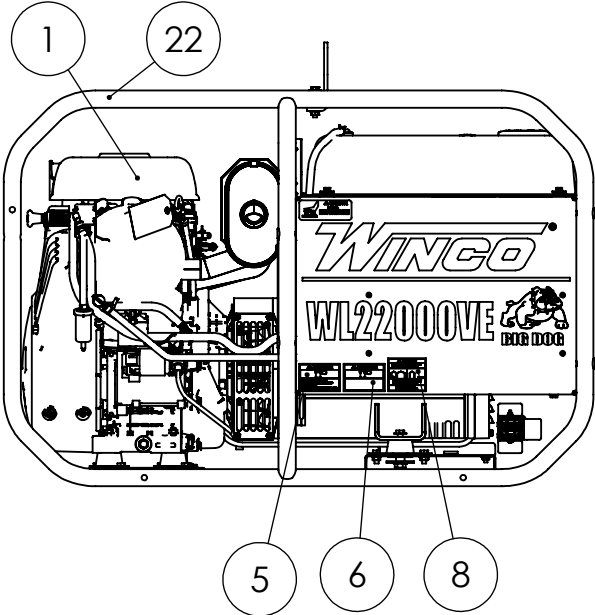
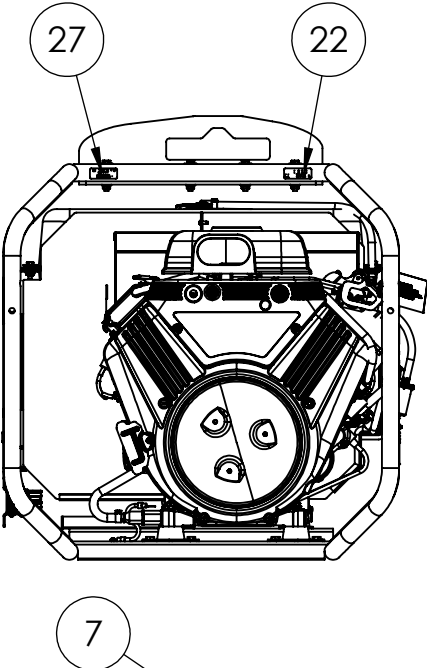
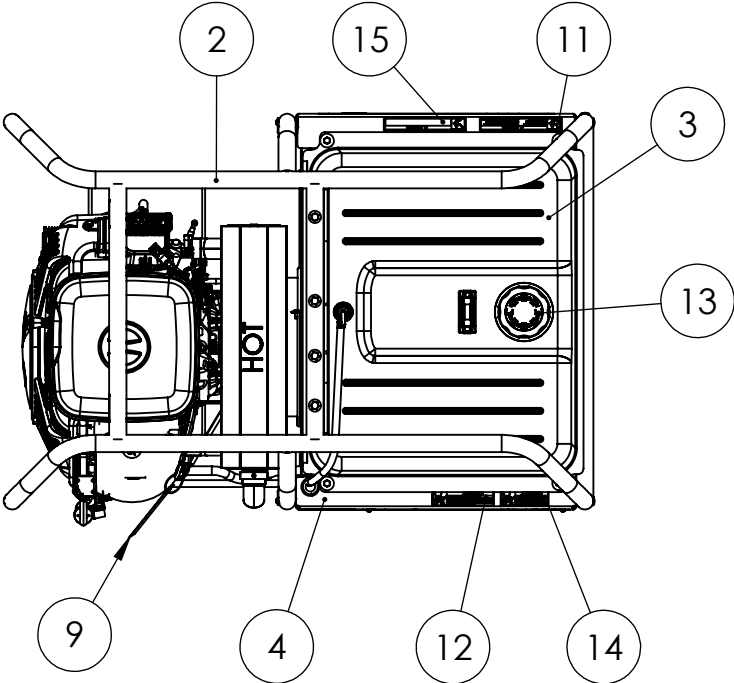


# WL22000VE/C Parts List



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

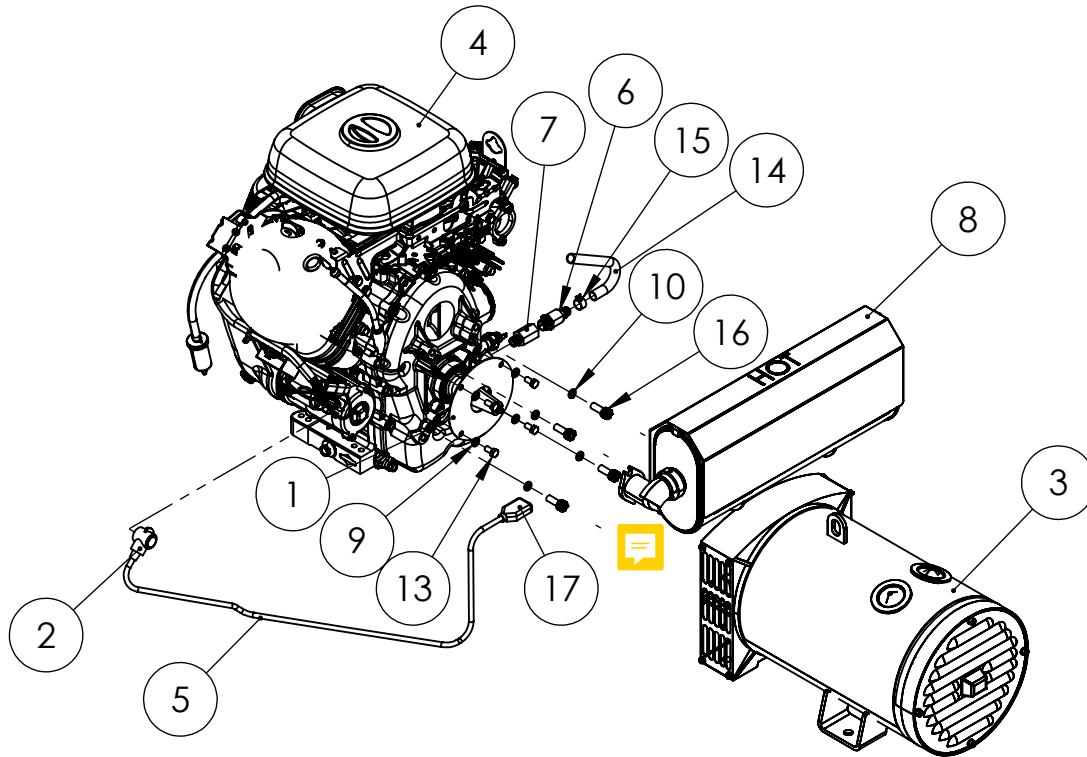
# General Assembly



# General Assembly

| ITEM NO. | PART NUMBER | DESCRIPTION                                      | QTY.  |
|----------|-------------|--------------------------------------------------|-------|
| 1        | 18000-034   | ENGINE GENERATOR ASSEMBLY                        | 1     |
| 2        | 18000-208   | WL22000 HARDWARE KIT                             | 1     |
| 3        | 15163-101   | FUEL SYSTEM ASSEMBLY                             | 1     |
| 4        | 300216-41   | LEFT SIDE PANEL ASSEMBLY                         | 1     |
| 5        | 15209-002   | DECAL - DANGER CARBON MONOXIDE                   | 1     |
| 6        | 15209-102   | DECAL - DANGER CARBON MONOXIDE                   | 1     |
| 7        | 300144-26   | LIFTING EYE ASSEMBLY WL22000                     | 1     |
| 8        | 64918-000   | DECAL-DANGER (CO) USE OUTSIDE                    | 1     |
| 9        | 60710-018   | OIL WARNING TAG                                  | 1     |
| 10       | 63966-004   | NAMEPLATE, WINCO PORTABLE                        | 1     |
| 11       | 15209-003   | UL-DECAL ELECTRICAL SHOCK CAN KILL               | 1     |
| 12       | 15209-001   | GASOLINE DECAL                                   | 1     |
| 13       | 15209-013   | DECAL - FUEL TYPE GASOLINE                       | 1     |
| 14       | 15209-101   | DECAL, GASOLINE DANGER, FRENCH                   | 1     |
| 15       | 15209-103   | UL-DECAL ELECTRICAL SHOCK CAN KILL               | 1     |
| 16       | 15457-094   | RECEPTACLE PANEL ASSEMBLY                        | 1     |
| 17       | 62999-005   | HOSE CLAMP .41 OD GREEN                          | 1     |
| 18       | 300217-30   | RIGHT SIDE PANEL                                 | 1     |
| 19       | 466-000     | .25-20X.75 HHB                                   | 3     |
| 20       | 479-000     | LOCK WASHER, .25" SPLIT                          | 3     |
| 21       | 512-000     | .25 WASHER                                       | 3     |
| 22       | 15209-014   | DECAL - CHECK OIL                                | 1     |
| 23       | 15209-036   | PROP 65 WARNING DECAL                            | 1     |
| 24       | 94442-002   | NUT HEX M6-1.0                                   | 4     |
| 25       | 91861-007   | PLUG KIT                                         | 1     |
| 26       | 15715-097   | DECAL KIT, PACKAGING, BIG DOG STYLE,<br>NO STACK | 1     |
| 27       | 16200-511   | MAINTENANCE KIT DECAL                            | 1     |
| 28       | 300515-30   | 5W-30 OIL PER GALLON                             | 0.625 |
| 29       | OPM-140     | OPERATORS MANUAL WL22                            | 1     |

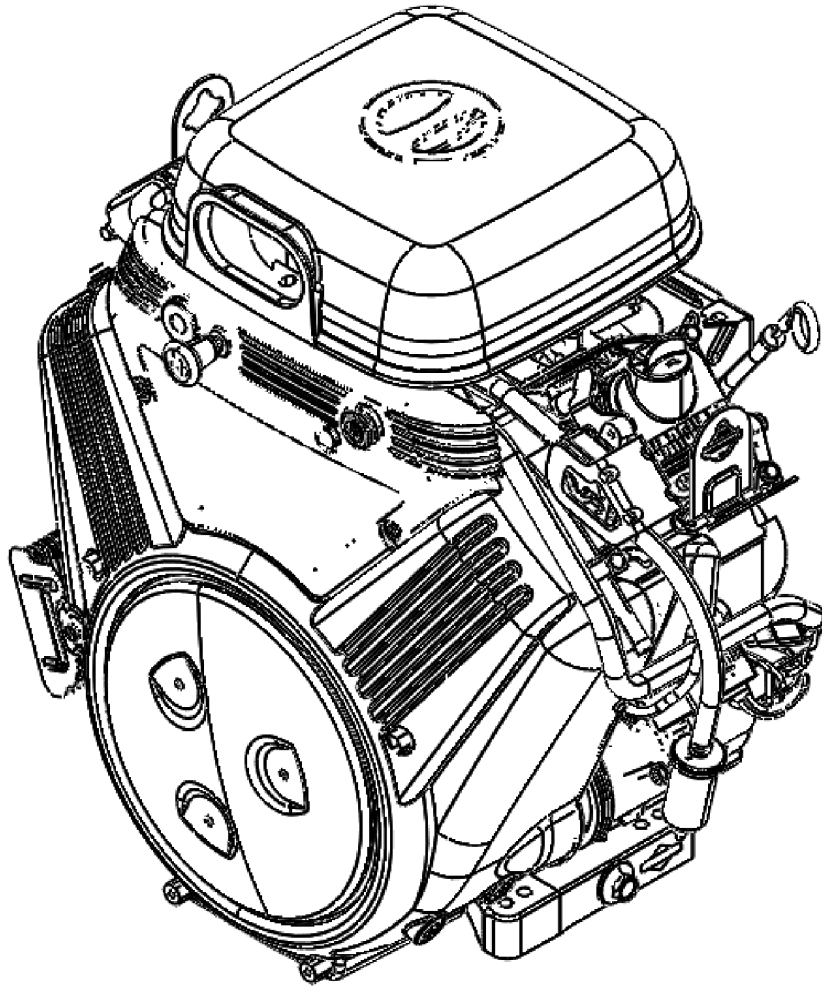
# Engine & Generator Assembly



NOTE: TERMINALS NOT SHOWN

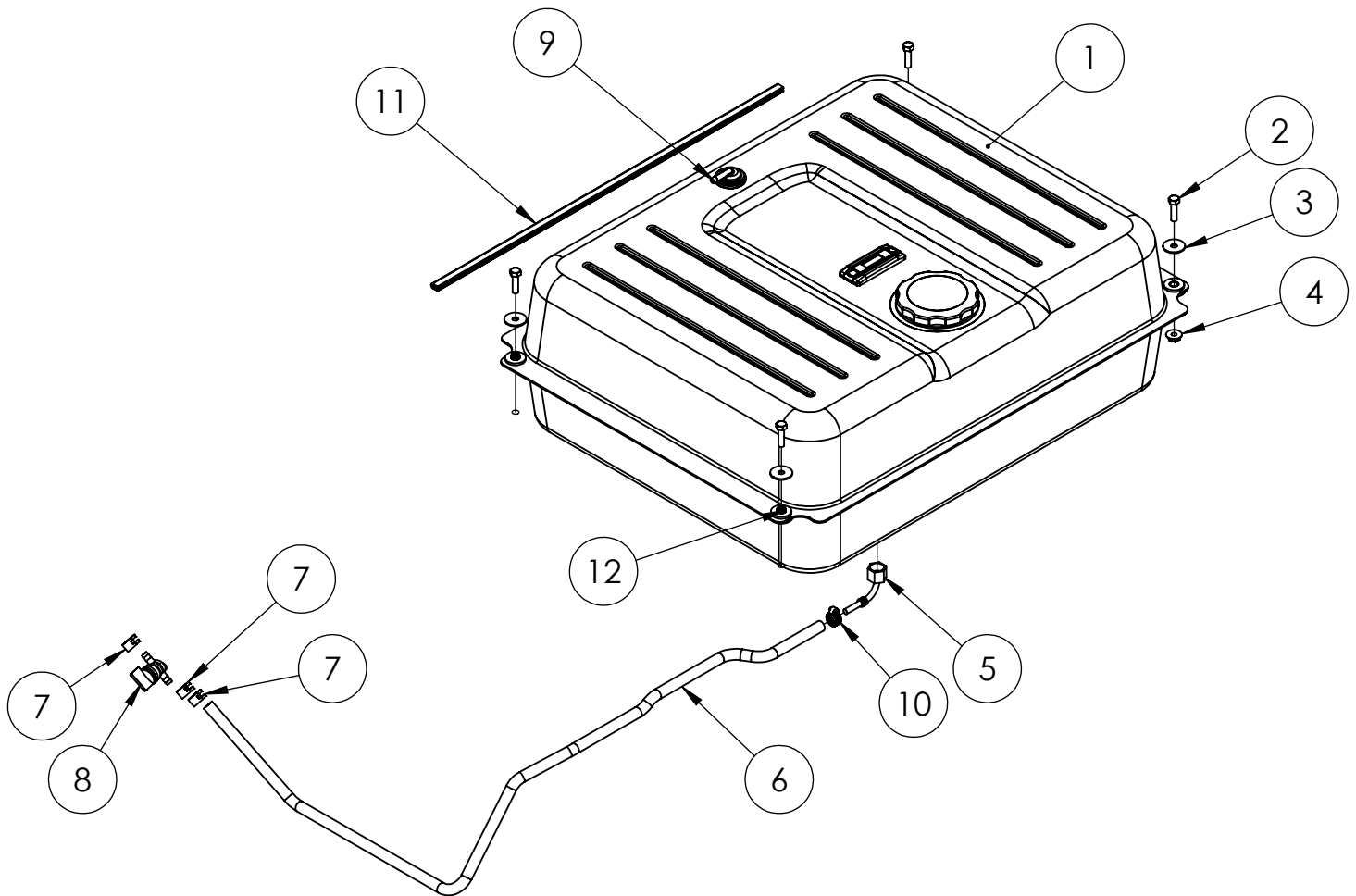
| ITEM NO. | PART NUMBER | DESCRIPTION                           | QTY. |
|----------|-------------|---------------------------------------|------|
| 1        | 15144-014   | ENGINE BAFFLE                         | 1    |
| 2        | 16145-000   | TERMINAL INSULATOR                    | 1    |
| 3        | 16346-031   | AME3_1PH_2P_J609B                     | 1    |
| 4        | 16420-001   | BRIGGS AND STRATTON 993CC 35HP ENGINE | 1    |
| 5        | 22097-009   | BATTERY CABLE POSITIVE 43IN UL        | 1    |
| 6        | 300349      | OIL DRAIN VALVE                       | 1    |
| 7        | 300349-1    | OIL DRAIN ADAPTER                     | 1    |
| 8        | 350590-20   | MUFFLER, CRITICAL GRADE               | 1    |
| 9        | 480-000     | 5/16 SPLIT LOCKWASHER                 | 4    |
| 10       | 481-000     | LOCK 3/8 SPLIT                        | 4    |
| 11       | 48602-003   | TERMINAL FEMALE 16-14 AWG .250 TAB    | 1    |
| 12       | 48602-011   | TERM MALE 12-10AWG .250X.032          | 1    |
| 13       | 57199-000   | HHCS 5/16-24X5/8                      | 4    |
| 14       | 62286-012   | HOSE, 1/2"ID NEOPRENE                 | 1    |
| 15       | 62999-004   | HOSE CLAMP .69 OD                     | 1    |
| 16       | 93704-000   | SOC.HCS 3/8-16X1                      | 4    |
| 17       | 95901-002   | (BATTERY TERMINAL BOOT - RED 2-1AWG)  | 1    |

# Engine Information



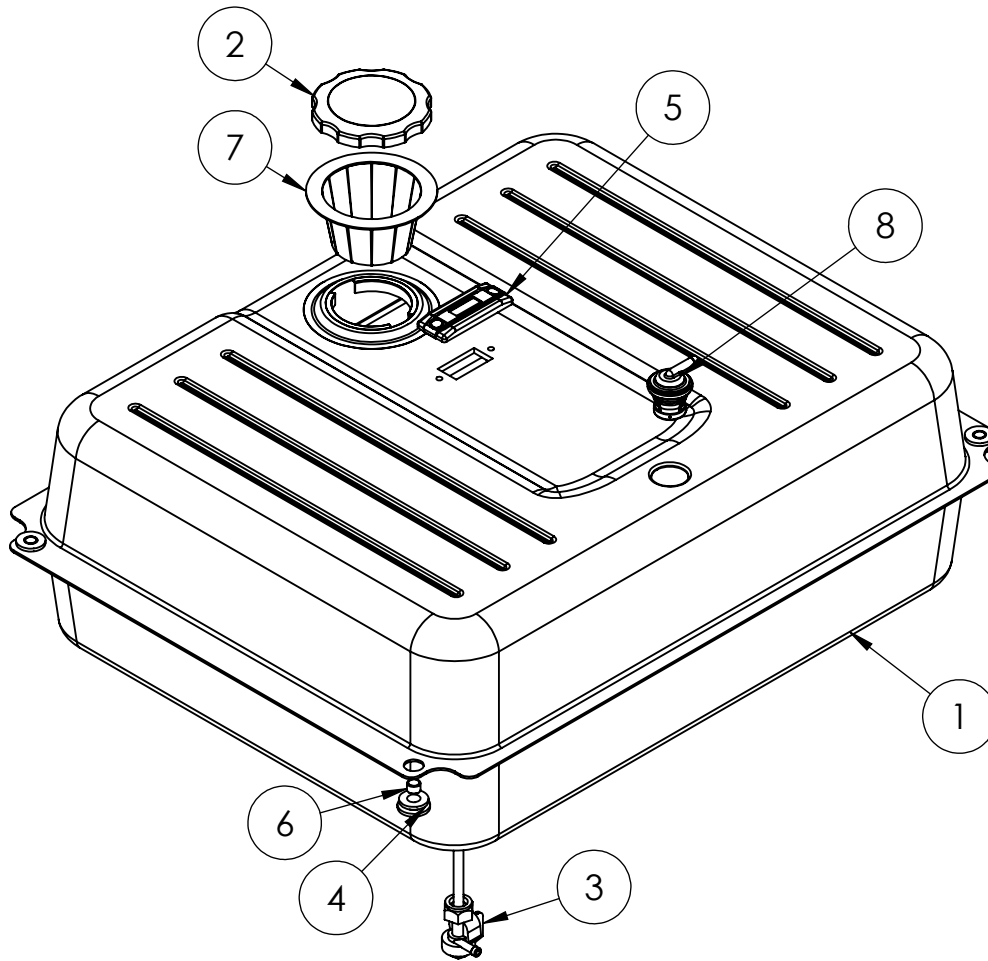
| ITEM                                                                                       | PART NUMBER | DESCRIPTION             | QTY |
|--------------------------------------------------------------------------------------------|-------------|-------------------------|-----|
| 1                                                                                          | 2-103       | AIR FILTER              | 1   |
| 2                                                                                          | 2-104       | PRE-FILTER              | 1   |
| 3                                                                                          | 2-105       | OIL FILTER              | 1   |
| 4                                                                                          | 2-106       | FUEL FILTER             | 1   |
| 5                                                                                          | 2-109       | SPARK PLUG              | 2   |
| 6                                                                                          | 300515-31   | ENGINE OIL, PER QUART   | 3   |
| ALL ITEMS LISTED IN THE ABOVE TABLE ARE INCLUDED WITH A 16200-011 MAINTENANCE KIT PURCHASE |             |                         |     |
| 7                                                                                          | 2-121       | STARTER MOTOR           | 1   |
| 8                                                                                          | 1-120       | STARTER SOLENOID        | 1   |
| 9                                                                                          | 2-115       | RECTIFIER REGULATOR     | 1   |
| 10                                                                                         | 2-114       | FUEL PUMP               | 1   |
| 11                                                                                         | 2-102       | EXHAUST MANIFOLD GASKET | 2   |
| Contact WINCO service or your Briggs and Stratton dealer for full engine part support.     |             |                         |     |

# Fuel System



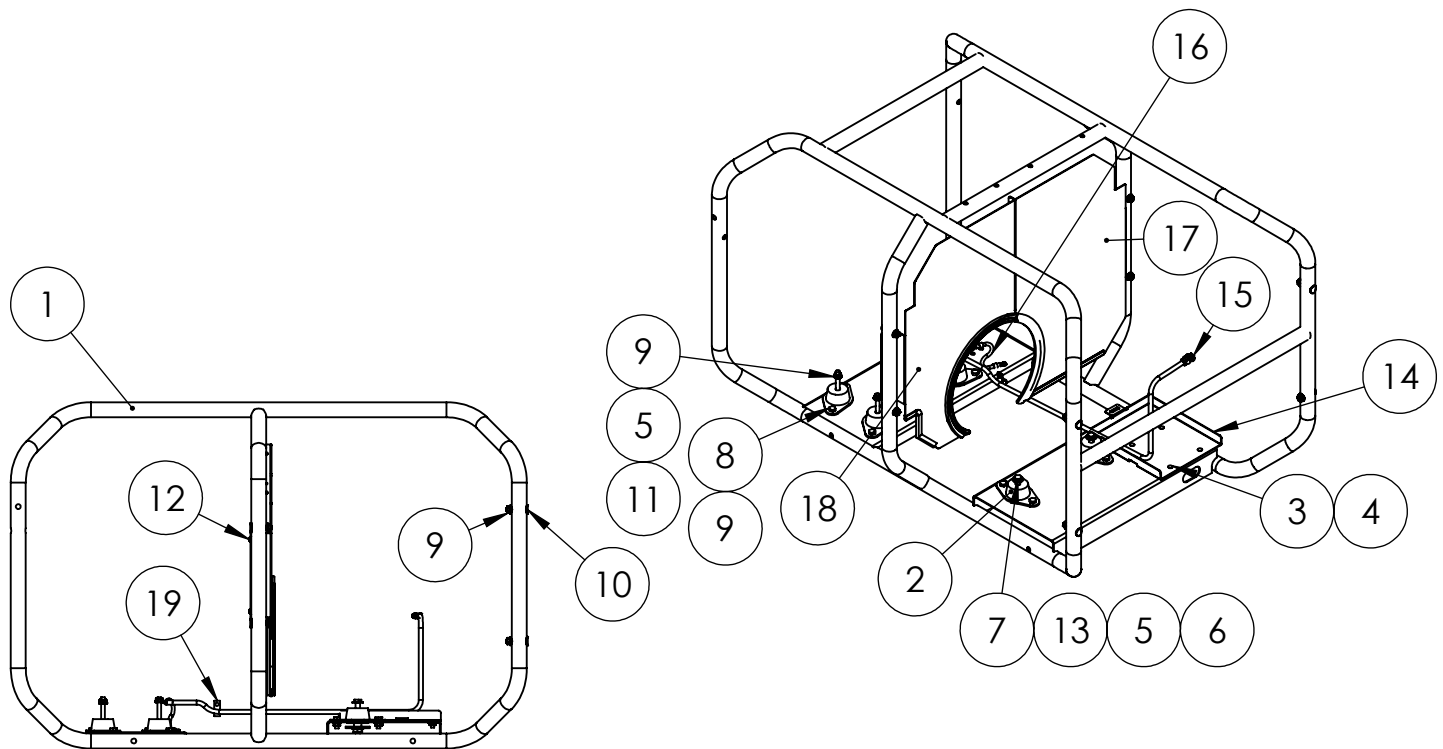
| ITEM NO. | PART NUMBER | DESCRIPTION               | QTY. |
|----------|-------------|---------------------------|------|
| 1        | 64024-014   | FUEL TANK 15 GAL STEEL    | 1    |
| 2        | 439-000     | .25-20 X 1 HHB            | 4    |
| 3        | 267-002     | FLAT WSH 9/32X1X.063      | 4    |
| 4        | 16248-000   | .25-20 FLANGE NUT         | 2    |
| 5        | 64024-101   | 90 DEGREE FUEL TANK ELBOW | 1    |
| 6        | 40078-030   | 1/4IN ID HOSE 35.5IN      | 1    |
| 7        | 62999-001   | HOSE CLAMP .5 OD RED      | 3    |
| 8        | 98771-005   | FUEL VALVE 1/4" HOSE BARB | 1    |
| 9        | 80903-002   | SLOSH VALVE 1/4" HOSE     | 1    |
| 10       | 81018-009   | HOSE CLAMP .625-.250      | 1    |
| 11       | 58684-031   | EDGE TRIM 22"             | 1    |
| 12       | 479-000     | LOCK WASHER, .25" SPLIT   | 2    |

# Fuel Tank



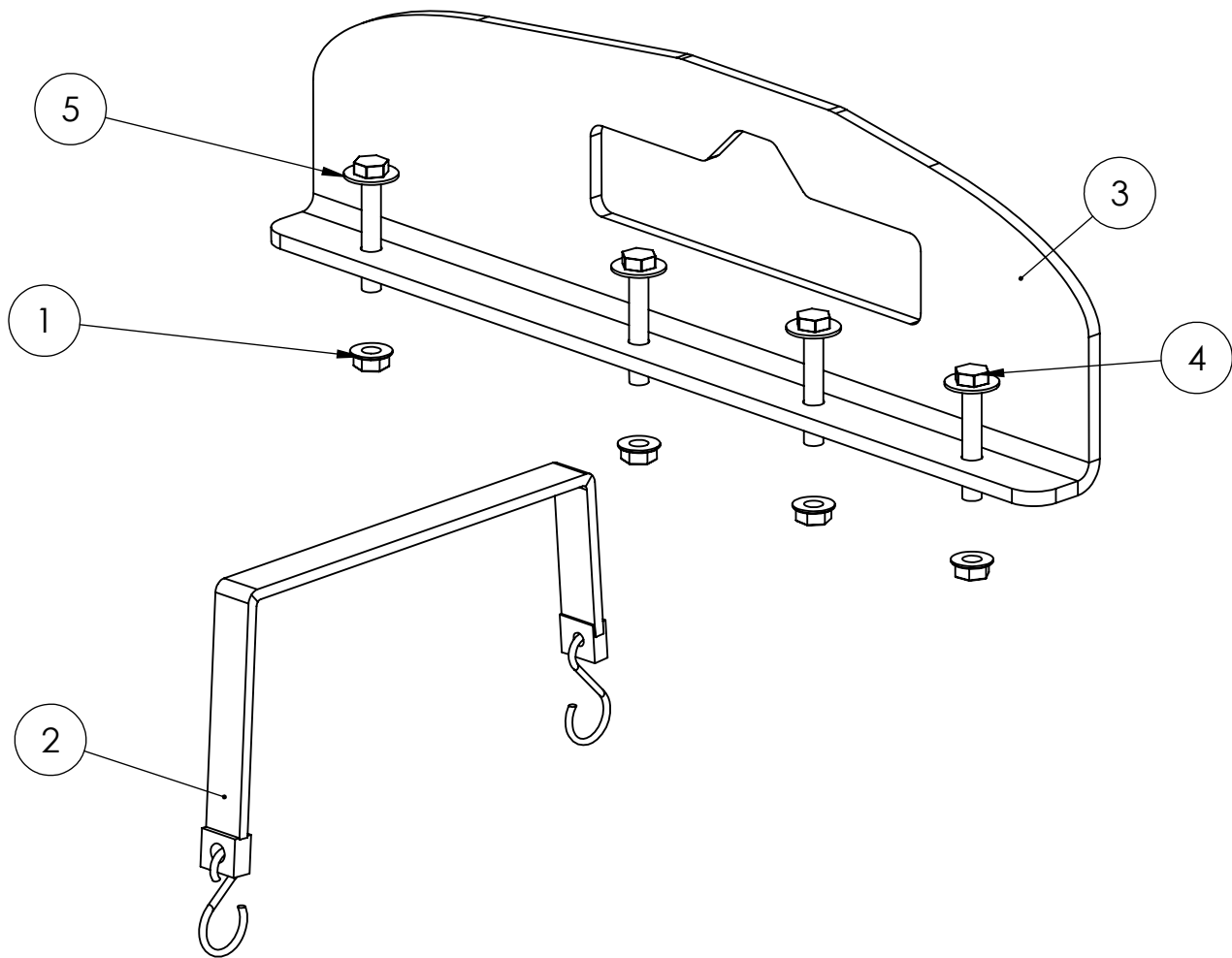
| ITEM NO.                                                                               | PART NUMBER | DESCRIPTION                         | QTY. |
|----------------------------------------------------------------------------------------|-------------|-------------------------------------|------|
| 1                                                                                      | 64024-014   | FUEL TANK 15 GAL STEEL GASOLINE     | 1    |
| 2                                                                                      | 64024-401   | FUEL CAP, SEALED, AUDIBLE, TETHERED | 1    |
| 3                                                                                      | 64024-404   | 168B FUEL CONTROL VALVE             | 1    |
| 4                                                                                      | 64024-406   | RUBBER BUSHING                      | 4    |
| 5                                                                                      | 64024-409   | FUEL LEVEL GAUGE, 180MM             | 1    |
| 6                                                                                      | 64024-405   | ANTI-CRUSH INSERT                   | 4    |
| 7                                                                                      | 64024-403   | FUEL FILTER                         | 1    |
| ALL ITEMS LISTED IN THE TABLE ABOVE ARE INCLUDED WITH A<br>64024-14 FUEL TANK PURCHASE |             |                                     |      |
| 8                                                                                      | 80903-002   | SLOSH VALVE 1/4" HOSE               | 1    |
| 9                                                                                      | 61273-262   | TOUCH UP PAINT, BLACK 3048          | 1    |

# Cradle & Hardware



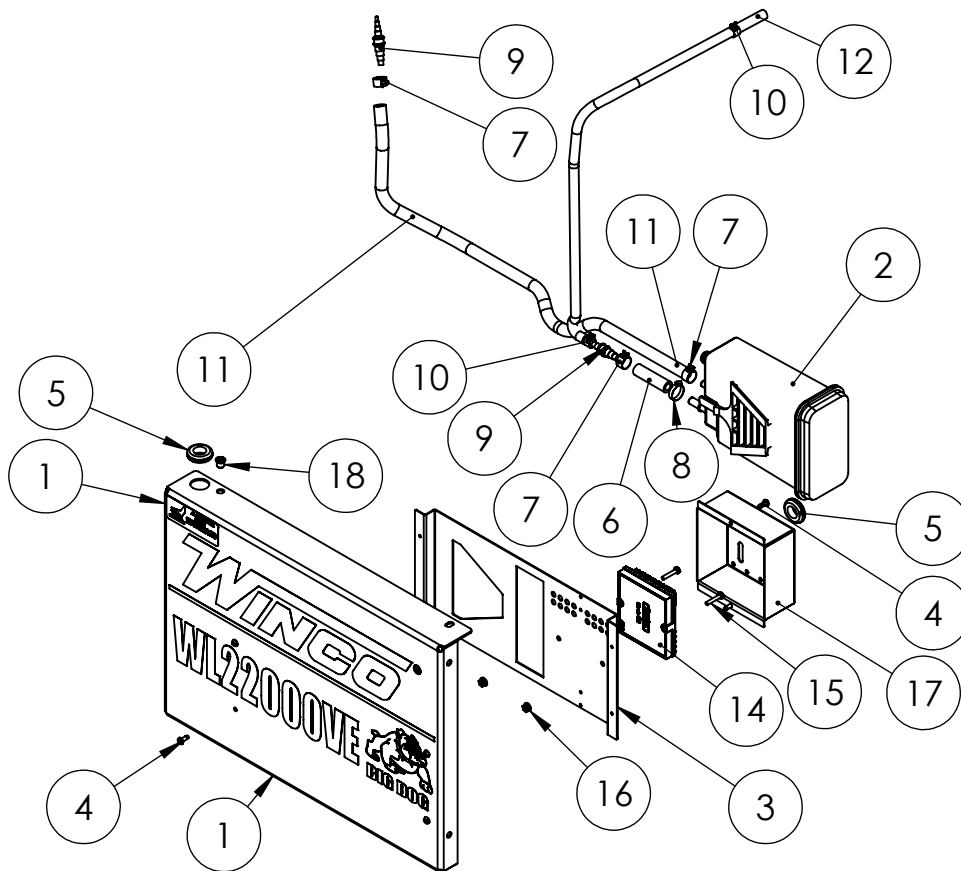
| ITEM NO. | PART NUMBER | DESCRIPTION                      | QTY. |
|----------|-------------|----------------------------------|------|
| 1        | 63073-064   | WL22000 WELDED CRADLE            | 1    |
| 2        | 98807-000   | SHOCKMOUNT 40 DURO               | 6    |
| 3        | 94980-001   | THREAD STUD .25-20X.625          | 4    |
| 4        | 16248-000   | .25-20 FLANGE NUT                | 4    |
| 5        | 98806-000   | WASHER .406 X 2                  | 6    |
| 6        | 16250-000   | .375-16 FLANGE NUT               | 2    |
| 7        | 91658-008   | HHCS 3/8-16X2-3/4 GR5            | 2    |
| 8        | 467-000     | HHCS 5/16-18X.75                 | 12   |
| 9        | 16249-000   | .3125-18 FLANGE                  | 24   |
| 10       | 23590-002   | CURVED HEAD BOLT 5/16-18 X 1 3/4 | 8    |
| 11       | 91107-000   | 5/16-18 X 3.5                    | 4    |
| 12       | 21698-001   | TORX PAN HEAD SCREW #10          | 7    |
| 13       | 526-000     | 5/16 FLAT WASHER                 | 2    |
| 14       | 15676-027   | BATTERY TRAY WL22000             | 1    |
| 15       | 22097-012   | BATTERY CABLE NEGATIVE 32IN UL   | 1    |
| 16       | 9769-145    | LEAD WIRE ASSEMBLY               | 1    |
| 17       | 15687-067   | HEAT SHIELD RIGHT WL22000        | 1    |
| 18       | 15687-068   | HEAT SHIELD LEFT WL22000         | 1    |
| 19       | 97391-007   | TUBE CLAMP/CUSH.WIRE 1/2         | 1    |

# Lifting Eye Assembly



| ITEM NO. | PART NUMBER | DESCRIPTION                     | QTY. |
|----------|-------------|---------------------------------|------|
| 1        | 16249-000   | .3125-18 FLANGE                 | 4    |
| 2        | 16329-001   | RUBBER STRAP, BATTERY HOLD DOWN | 1    |
| 3        | 300148-29   | LIFTING EYE WL22000             | 1    |
| 4        | 471-000     | HHCS 5/16-18 X 2                | 4    |
| 5        | 526-000     | FLAT WASHER 5/16_3/8            | 4    |

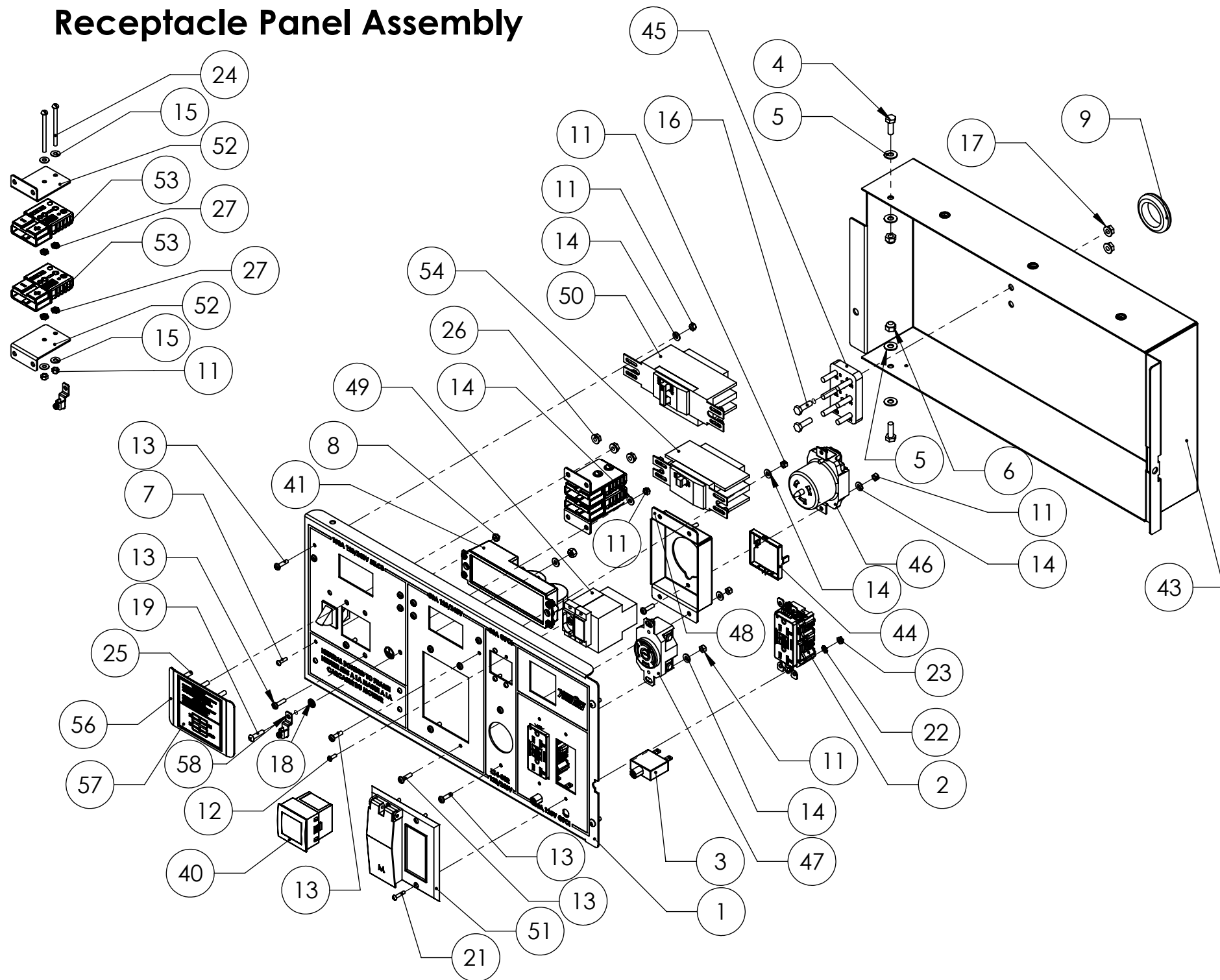
## Left Side Panel Assembly



| ITEM NO. | PART NUMBER | DESCRIPTION                        | QTY. |
|----------|-------------|------------------------------------|------|
| 1        | 300216-27   | LEFT SIDE PANEL                    | 1    |
| 2        | 80900-000   | 15 GAL. CARBON CANISTER            | 1    |
| 3        | 81900-010   | CARBON CANISTER MOUNTING BRACKET   | 1    |
| 4        | 21698-001   | TORX PAN HEAD SCREW #10            | 6    |
| 5        | 23917-000   | GROMMET .6875ID X 1                | 2    |
| 6        | 55505-023   | HOSE .375 ID RUBBER 2.25IN         | 1    |
| 7        | 62999-004   | HOSE CLAMP .69 OD                  | 3    |
| 8        | 81018-008   | HOSE CLAMP .875-.25                | 1    |
| 9        | 98590-003   | HOSE REDUCER 1/8-5/16 X 1/4-7/16   | 2    |
| 10       | 62999-001   | HOSE CLAMP .5 OD RED               | 2    |
| 11       | 55505-027   | 3/8" ID HOSE 25"                   | 1    |
| 12       | 40078-018   | 1/4" ID HOSE 26IN                  | 1    |
| 13       | 63941-001   | DECAL - HOT SURFACES               | 1    |
| 14       | 16428-412   | DSR VOLTAGE REGULATOR              | 1    |
| 15       | 9362-000    | RHMS 10-24 X 1                     | 2    |
| 16       | 99671-000   | #10-24 HEX NUT                     | 2    |
| 17       | 15224-100   | AVR BOX                            | 1    |
| 18       | 352125-1    | 1/4-20 RIVET NUT 22 GA-10GA        | 1    |
| 19       | 48602-003   | TERMINAL FEMALE 16-14 AWG .250 TAB | 6    |
| 20       | 48602-004   | TERMINAL MALE 16-14 AWG .250 TAB   | 6    |



# Receptacle Panel Assembly



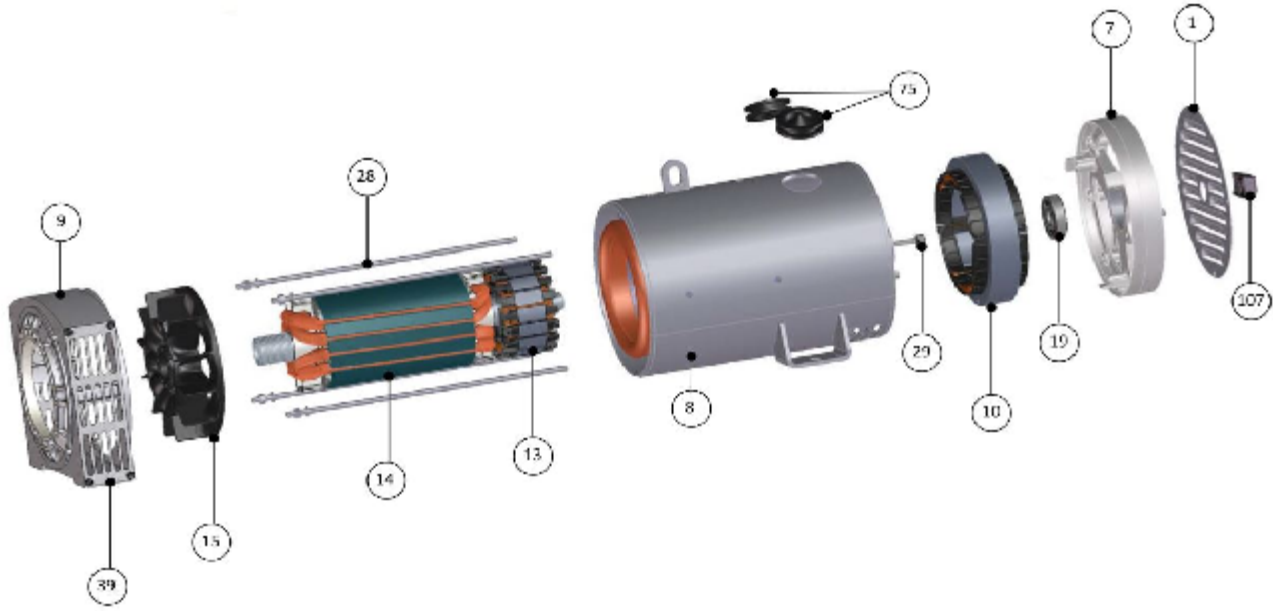
# Receptacle Panel Assembly

| ITEM NO. | PART NUMBER | DESCRIPTION                         | QTY. |
|----------|-------------|-------------------------------------|------|
| 1        | 15458-094   | RECEPTACLE PANEL                    | 1    |
| 2        | 15147-003   | RECEPTACLE NEMA 5-20R GFCI DUPLEX   | 2    |
| 3        | 91286-001   | CIRCUIT BREAKER, 20A, 1 PL          | 2    |
| 4        | 466-000     | .25-20X.75 HHB                      | 2    |
| 5        | 512-000     | .25 WASHER                          | 4    |
| 6        | 47517-000   | .25-20 NYLOCK                       | 2    |
| 7        | 7792-001    | BZ RHMS 6-32X.5                     | 4    |
| 8        | 51802-000   | NUT HEX #6-32 NYLOCK                | 4    |
| 9        | 23917-005   | GROMMET 1-5/16" ID                  | 1    |
| 10       | 21698-001   | TORX PAN HEAD SCREW #10             | 2    |
| 11       | 95985-000   | #8-32 NYLOK HEX NUT                 | 20   |
| 12       | 6917-001    | RHMS 6-32 X .375 BLACK ZINC         | 4    |
| 13       | 24198-001   | BHMS #8-32 x .625 BLACK             | 18   |
| 14       | 598-000     | #10 WASHER                          | 19   |
| 15       | 511-000     | #8 FLATWASHER                       | 4    |
| 16       | 75139-020   | HHCS M6-1X20MM ZINC                 | 2    |
| 17       | 64841-001   | M6-1.0 FLANGE NUT ZINC              | 2    |
| 18       | 21975-000   | #10 INT. TOOTH LOCKWASHER           | 1    |
| 19       | 420-001     | BZ RHMS 10-24X3/4 PHILLIPS          | 1    |
| 20       | 5315-000    | NUT HEX 10-24 NYLON                 | 1    |
| 21       | 7792-000    | RHMS 6-32 X .625                    | 4    |
| 22       | 22989-000   | #6 LOCKWASHER                       | 4    |
| 23       | 394-000     | NUT HEX #6-32                       | 4    |
| 24       | 21977-000   | RHMS 8-32 X 2.25                    | 2    |
| 25       | 95568-000   | THREAD STUD 10-24 X .625            | 3    |
| 26       | 99671-000   | #10-24 HEX NUT                      | 3    |
| 27       | 5113-000    | NUT HEX # 8                         | 4    |
| 28       | 4158-000    | TERMINAL RING 16-14 AWG #10         | 4    |
| 29       | 48602-003   | TERMINAL FEMALE 16-14 AWG .250 TAB  | 4    |
| 30       | 4156-000    | TERMINAL RING 12-10 #10 STUD        | 2    |
| 31       | 22370-007   | TERMINAL SPADE 16/14AWG #10STUD     | 5    |
| 32       | 21114-000   | TERMINAL, RING, 8AWG, #10 STUD      | 8    |
| 33       | 22370-013   | TERMINAL, SPADE, 12-10AWG, #10 STUD | 4    |
| 34       | EE23309     | BUSHING, #2 AWG TO #8 AWG           | 4    |
| 35       | EE23101     | CONTACT, #2 AWG, 120A, 600V         | 4    |
| 36       | 4160-000    | TERMINAL, RING, 16-14AWG, 1/4 STUD  | 2    |
| 37       | 91320-001   | TERM. FEMALE, 12-10 AWG             | 6    |
| 38       | 48602-024   | TERMINAL FEMALE 16-14AWG .187       | 2    |
| 39       | 20531-000   | TERMINAL RING 12-10AWG 5/16 STUD    | 1    |
| 40       | 58166-009   | DISPLAY MODULE                      | 1    |
| 41       | 58166-010   | TERMINAL BLOCK MODULE               | 1    |

## Receptacle Panel Assembly Continued

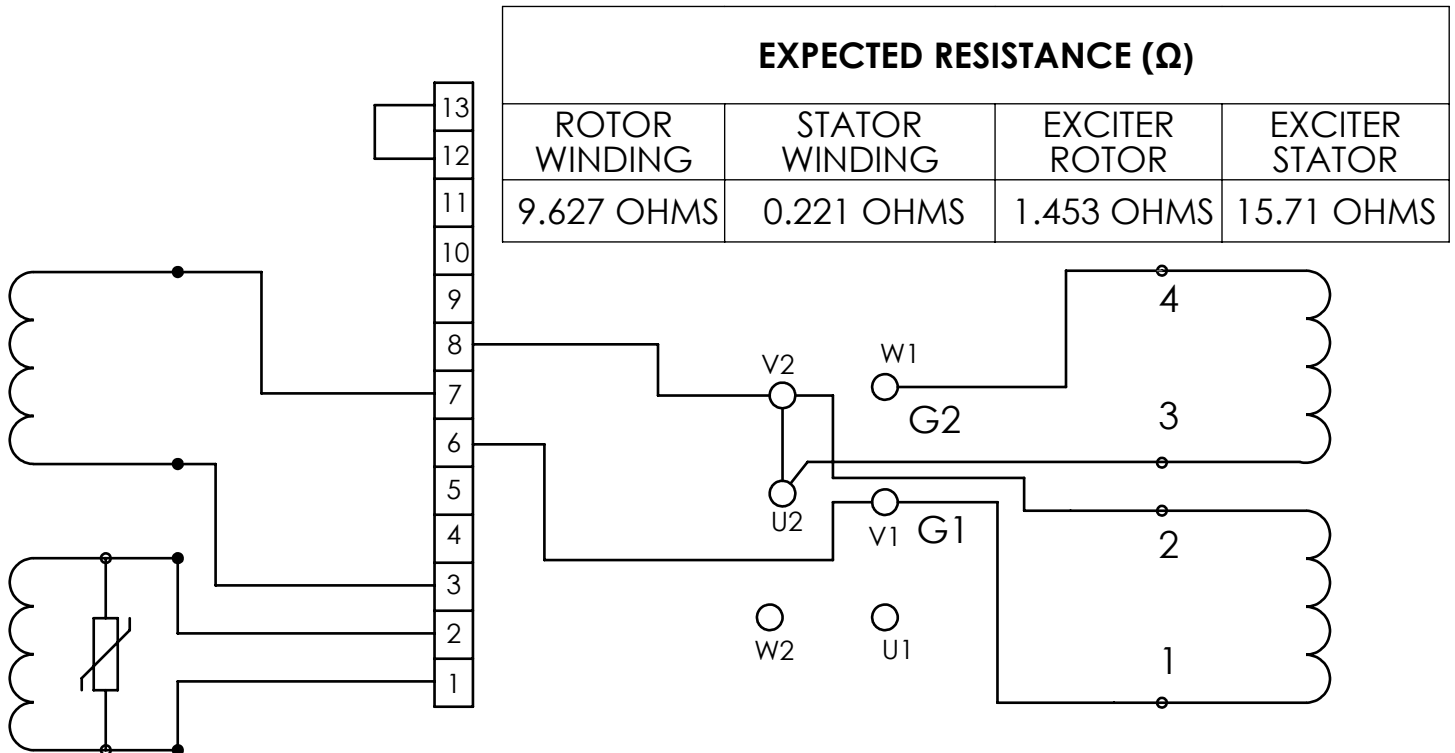
| ITEM NO. | PART NUMBER | DESCRIPTION                            | QTY. |
|----------|-------------|----------------------------------------|------|
| 42       | 58165-18    | DISPLAY MODULE CABLE                   | 1    |
| 43       | 15221-067   | RECEPTACLE BOX                         | 1    |
| 44       | 58166-009   | DISPLAY MODULE MOUNTING CLIP           | 1    |
| 45       | 16346-131   | TERMINAL BLOCK                         | 1    |
| 46       | 91889-000   | RECEPT 125/250V 50A                    | 1    |
| 47       | 97360-000   | RECEPTACLE, NEMA L14-30R 120_240V      | 1    |
| 48       | 92072-010   | 50 AMP RECEPTACLE BRACKET              | 1    |
| 49       | 16488-018   | CIR.BRK.30A-2PL-240V-GFCI-CARLING      | 1    |
| 50       | 57030-021   | CIR. BRK. 100A-2PL-240V                | 1    |
| 51       | 15620-007   | GFCI COVER 5-20R 2 GANG MULBERRY       | 1    |
| 52       | 300117-6    | CONNECTOR SUPPORT                      | 2    |
| 53       | EE2326      | HOUSING, GRAY, 2PL, 120A, 600V         | 2    |
| 54       | 57030-000   | CIR. BRK. 50A-2PL-240V                 | 1    |
| 55       | 71444-004   | SWITCH N.C.                            | 1    |
| 56       | G72138      | COVER                                  | 1    |
| 57       | Z25272      | DECAL, LOAD CONNECTIONS - 1PH 4 CAVITY | 1    |
| 58       | 48042-001   | TERMINAL, GROUND LUG, 6-14             | 1    |

## Generator Information

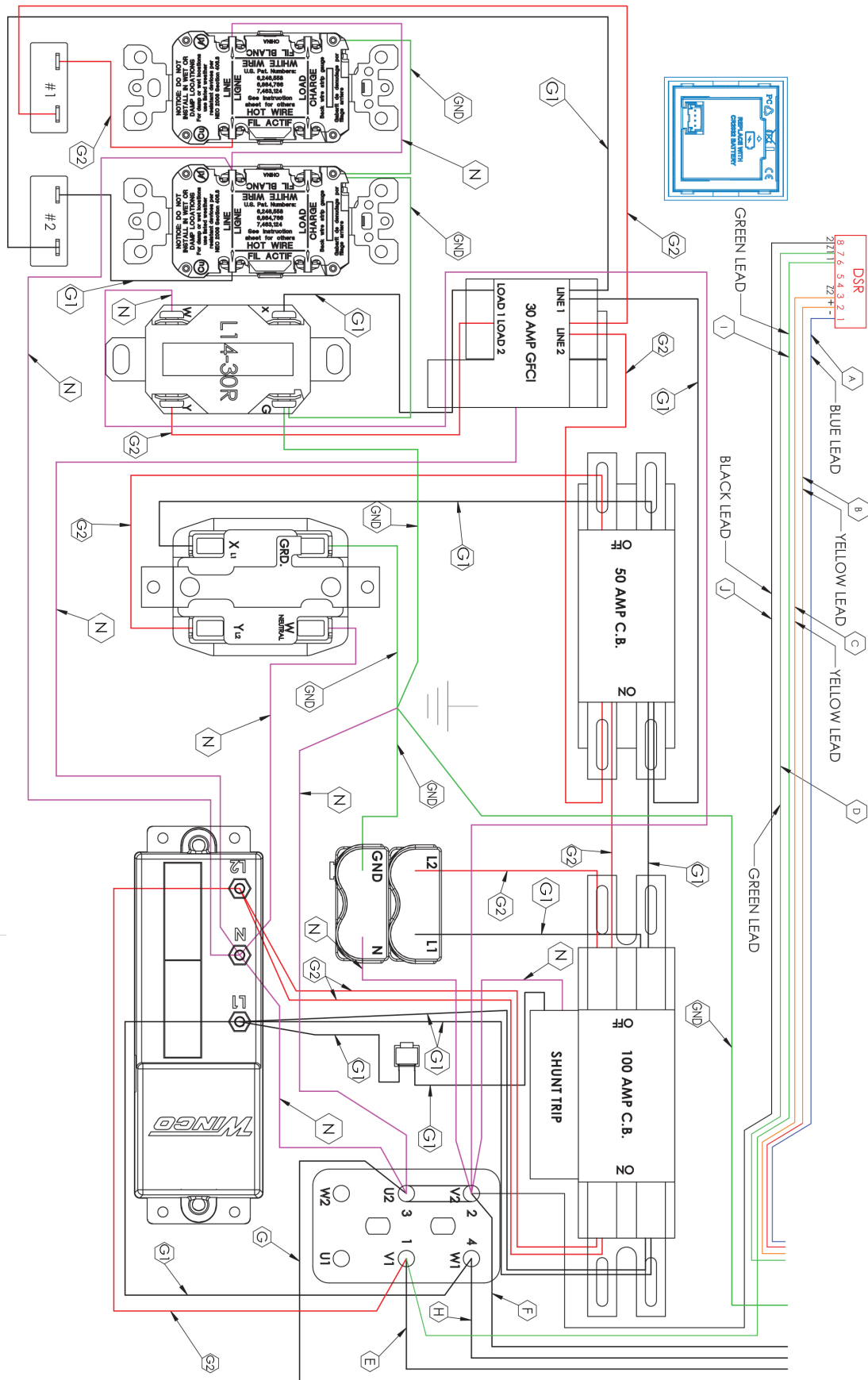


| ITEM # | PART NUMBER | DESCRIPTION               | QTY |
|--------|-------------|---------------------------|-----|
|        | 16346-031   | COMPLETE GEN END ASSEMBLY | 1   |
| 19     | 54665-005   | REAR BEARING 6305 2RS     | 1   |
| 75     | 16346-231   | CABLE GROMMET             | 2   |
|        | 16428-412   | VOLTAGE REGULATOR         | 1   |

Individual parts not listed here may be obtained from [www.meccalte.com](http://www.meccalte.com).  
WINCO Inc sells the complete generator end or the individual parts listed above.



# Receptacle Panel Wiring Diagram



# Engine Wiring

Typical Regulated Wiring Diagram

