

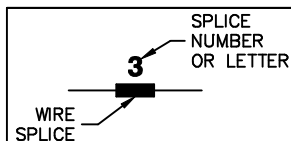
LEGEND

ALT - DC CHARGE ALTERNATOR
 AS - ALTERNATOR STATOR
 BA - BRUSH ASSEMBLY
 BAT - BATTERY
 BCH - BATTERY CHARGER
 CAM - CAMSHAFT SENSOR
 CAR - COMMON ALARM RELAY
 COP1 - CROSSOVER PLUG 16-PIN (BULKHEAD)
 COP2 - CROSSOVER PLUG 12-PIN (BULKHEAD)
 COP3 - CROSSOVER PLUG 10-PIN (BULKHEAD)
 COR1 - CROSSOVER RECEPTACLE 16-PIN
 COR2 - CROSSOVER RECEPTACLE 12-PIN
 COR3 - CROSSOVER RECEPTACLE 10-PIN
 CYL - CYLINDER IGNITION COIL
 DB - DIODE BRIDGE
 DCVR - DC VOLTAGE REGULATOR
 ES - EMERGENCY STOP
 F - FUSE
 FS - FUEL SOLENOID

FSP - FUEL SOLENOID PLUG
 FSR - FUEL SOLENOID RECEPTACLE
 GA - GOVERNOR ACTUATOR
 GND - GROUND CONNECTION
 J - MAIN CONTROLLER CONNECTORS
 LFP - LOW FUEL PRESSURE SWITCH
 LOS - LOW OIL PRESSURE SWITCH
 MLCB - MAIN LINE CIRCUIT BREAKER
 MPU - MAGNETIC PICKUP
 NB - NEUTRAL BLOCK
 RLY - CONTROL RELAY
 R - RESISTOR
 SC - STARTER CONTACTOR
 SM - STARTER MOTOR
 TB - TERMINAL BLOCK
 THMS - THERMISTOR (BATTERY AMBIENT TEMP.)
 WLS - COOLANT LEVEL SENSOR
 WTS - COOLANT TEMPERATURE SENSOR

NOTE: ALL WIRES 18 AWG
 BLACK 300V UL LISTED
 UNLESS SHOWN OTHERWISE

12 AWG SIZE



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

NOTE: ALL WIRES ON THIS
 PAGE ARE 600V RATED

60HZ/50HZ

CAR

J1-8 - 209/210 - COMMON ALARM
 J1-15

ES

J1-9 - 14/14A (ORANGE)
 SPLICE E - 56/56A (WHITE)
 J1-3 - 56/56A (WHITE)
 COP1-7 - 395/396 (BLACK)
 J2-8 - 395/396 (BLACK)
 J2-4

TB3

J1-14 - 178 - REMOTE START OPTION
 J1-5 - 183 - REMOTE START OPTION
 J1-7 - 23 - TRANSFER RELAY COIL
 J1-6 - 194 - TRANSFER RELAY

CUSTOMER CONNECTIONS

COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

60HZ UNITS

BCH2-2 - NEU - FUSED 120VAC SOURCE FOR BATTERY CHARGER
 BCH2-1 - T1 - FUSED 120VAC SOURCE FOR BATTERY CHARGER
 J4-6 - N2 - UTILITY FROM TRANSFER SWITCH
 J4-3 - N1 - UTILITY FROM TRANSFER SWITCH

50HZ (M-VOLTAGE, 110/220VAC & R-VOLTAGE, 231/400VAC)

BCH2-2 - NEU - FUSED 220VAC(M) OR 200VAC(R) SOURCE FOR BATTERY CHARGER
 BCH2-1 - T1 - FUSED 220VAC(M) OR 200VAC(R) SOURCE FOR BATTERY CHARGER
 J4-6 - N2 - UTILITY FROM TRANSFER SWITCH
 J4-3 - N1 - UTILITY FROM TRANSFER SWITCH

240VAC MAX

CUSTOMER CONNECTIONS

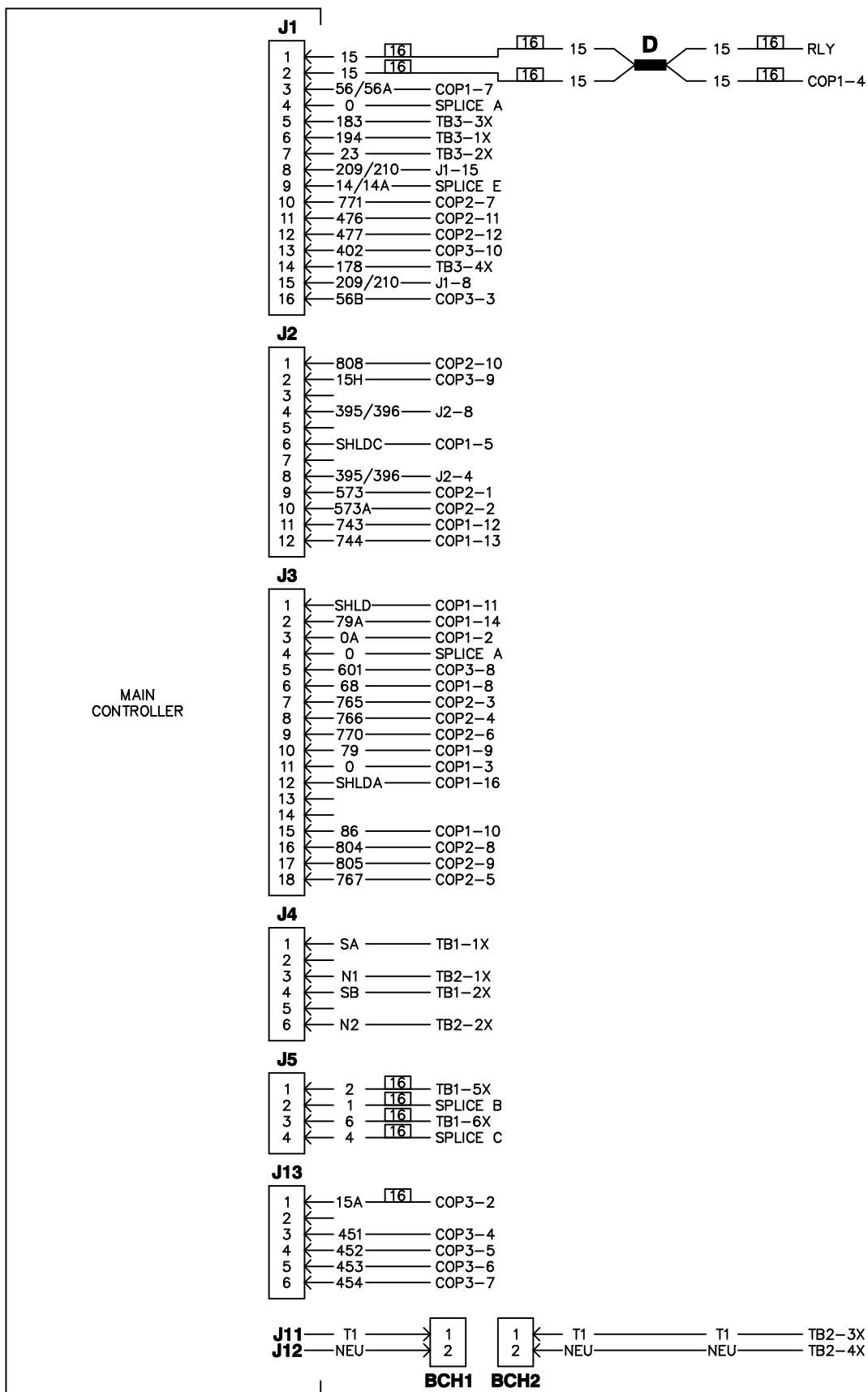
NOTE:
 FOR FIELD WIRING TO CUSTOMER CONNECTIONS
 (TERMINAL BLOCKS)
 MAXIMUM WIRE SIZE: #12 AWG

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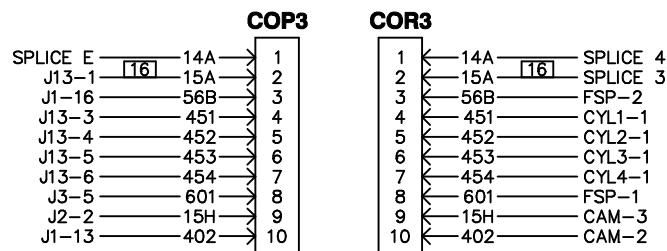
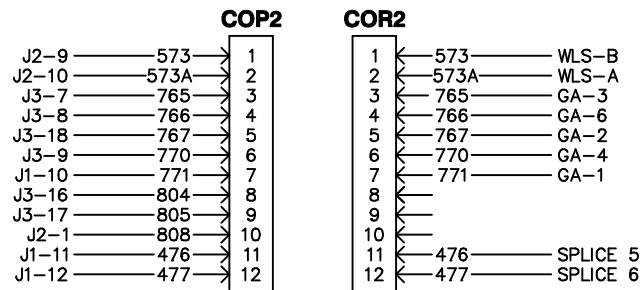
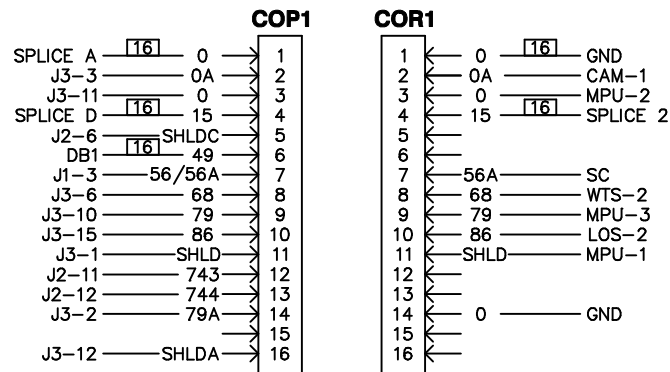
WIRING - DIAGRAM
G1.5L G11 PROTECTOR
DRAWING #: 0K8579



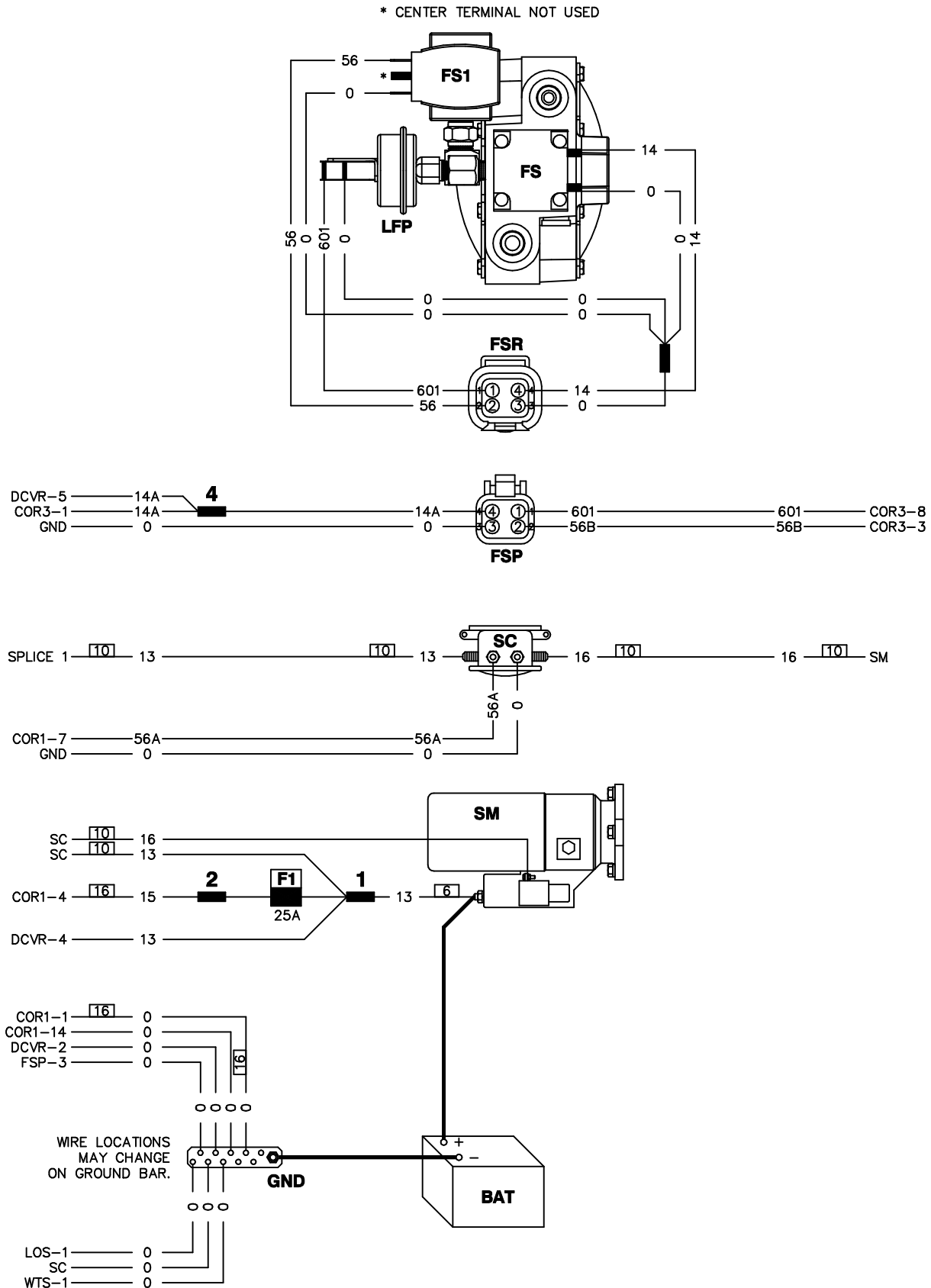
COMPONENTS LOCATED IN CONTROL PANEL



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX & ON ENGINE BULKHEAD CROSSOVER CONNECTIONS



COMPONENTS LOCATED ON ENGINE



COMPONENTS LOCATED ON ENGINE

