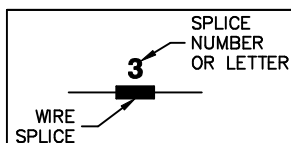


**LEGEND**

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| AFS — AIR/FUEL SOLENOID                 | FSP — FUEL SOLENOID PLUG                  |
| ALT — DC CHARGE ALTERNATOR              | FSR — FUEL SOLENOID RECEPTACLE            |
| AS — ALTERNATOR STATOR                  | GA — GOVERNOR ACTUATOR                    |
| BA — BRUSH ASSEMBLY                     | GND — GROUND CONNECTION                   |
| BAT — BATTERY                           | J_ — MAIN CONTROLLER CONNECTORS           |
| BCH_ — BATTERY CHARGER                  | LFP — LOW FUEL PRESSURE SWITCH            |
| CAR — COMMON ALARM RELAY                | LOS — LOW OIL PRESSURE SWITCH             |
| COP1 — CROSSOVER PLUG 16-PIN (BULKHEAD) | MLCB — MAIN LINE CIRCUIT BREAKER          |
| COP2 — CROSSOVER PLUG 12-PIN (BULKHEAD) | MPU_ — MAGNETIC PICKUP                    |
| COP3 — CROSSOVER PLUG 10-PIN (BULKHEAD) | NB — NEUTRAL BLOCK                        |
| COR1 — CROSSOVER RECEPTACLE 16-PIN      | OS — OXYGEN SENDER                        |
| COR2 — CROSSOVER RECEPTACLE 12-PIN      | RLY — CONTROL RELAY                       |
| COR3 — CROSSOVER RECEPTACLE 10-PIN      | R — RESISTOR                              |
| CYL_ — CYLINDER IGNITION COIL           | SC — STARTER CONTACTOR                    |
| DB_ — DIODE BRIDGE                      | SM — STARTER MOTOR                        |
| EC — EMISSIONS CONNECTOR                | TB_ — TERMINAL BLOCK                      |
| ES — EMERGENCY STOP                     | THMS — THERMISTOR (BATTERY AMBIENT TEMP.) |
| F_ — FUSE                               | WLS — COOLANT LEVEL SENSOR                |
| FS_ — FUEL SOLENOID                     | WTS — COOLANT TEMPERATURE SENSOR          |

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

121 — AWG SIZE



### COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

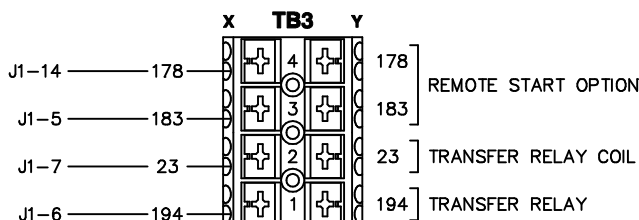
NOTE: ALL WIRES ON THIS  
PAGE ARE 600V RATED

**60HZ/50HZ****CAR**

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

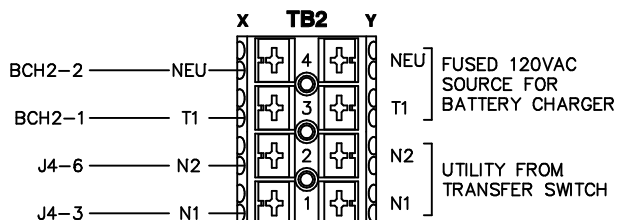
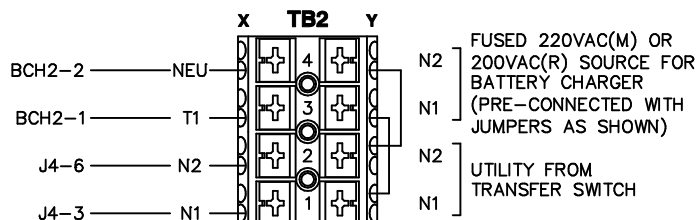
**ES**

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



CUSTOMER CONNECTIONS

### COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

**60HZ UNITS****50HZ (M-VOLTAGE, 110/220VAC & R-VOLTAGE, 231/400VAC)**

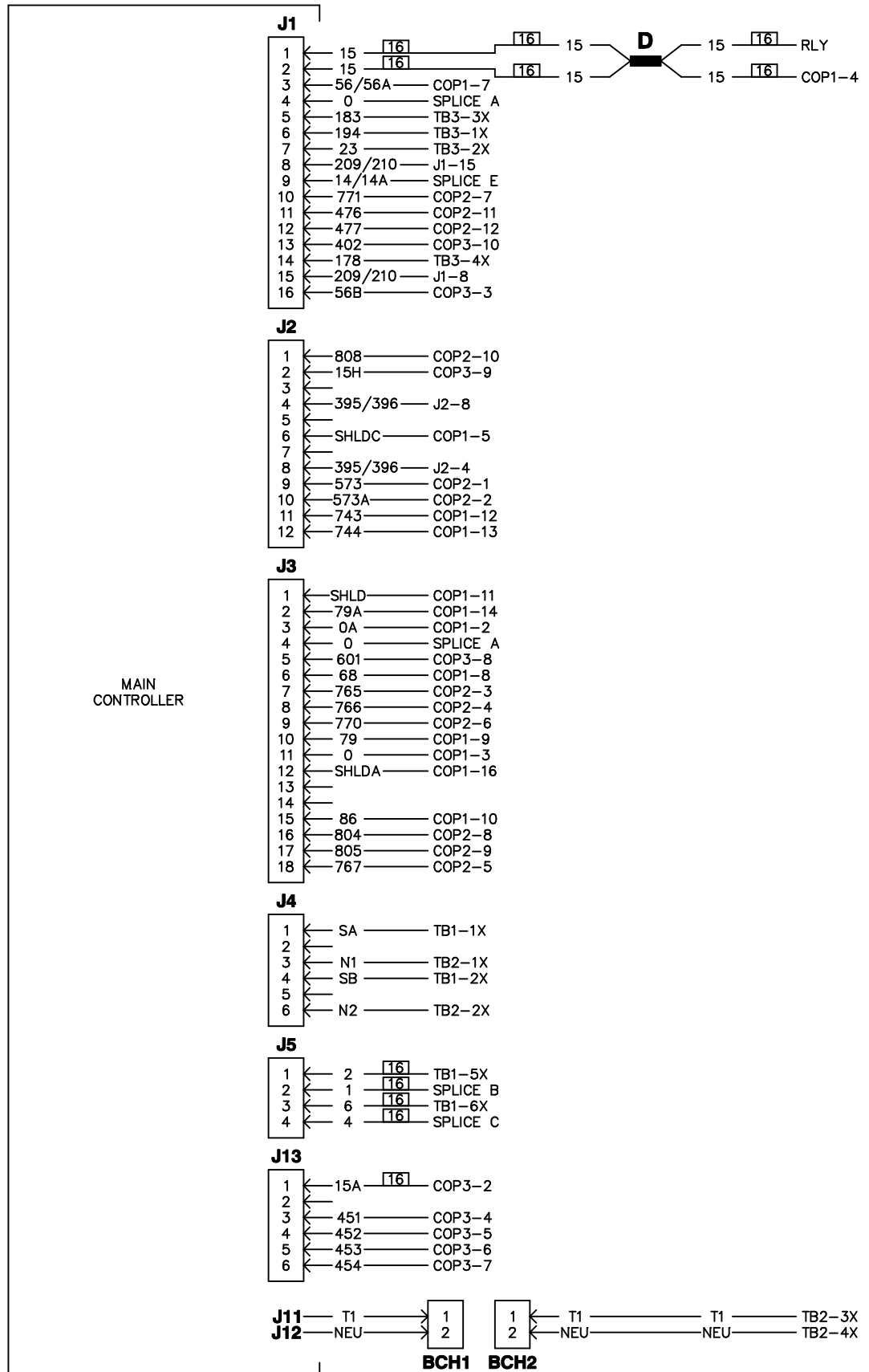
240VAC MAX

CUSTOMER CONNECTIONS

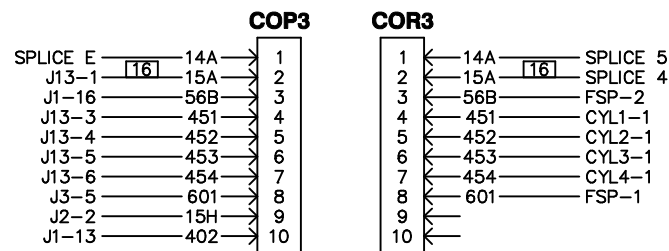
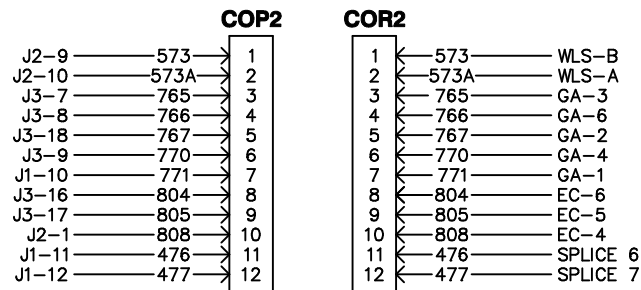
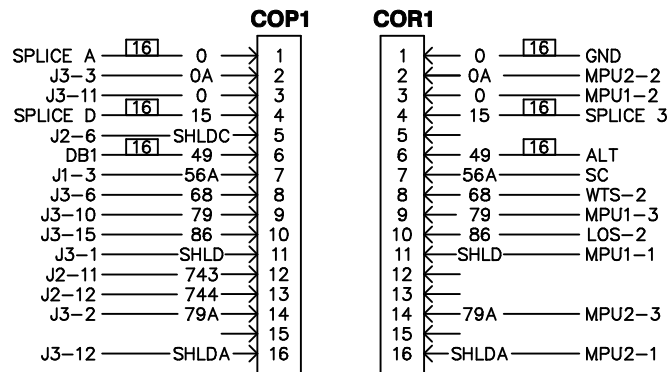
NOTE:  
FOR FIELD WIRING TO CUSTOMER CONNECTIONS  
(TERMINAL BLOCKS)  
MAXIMUM WIRE SIZE: #12 AWG



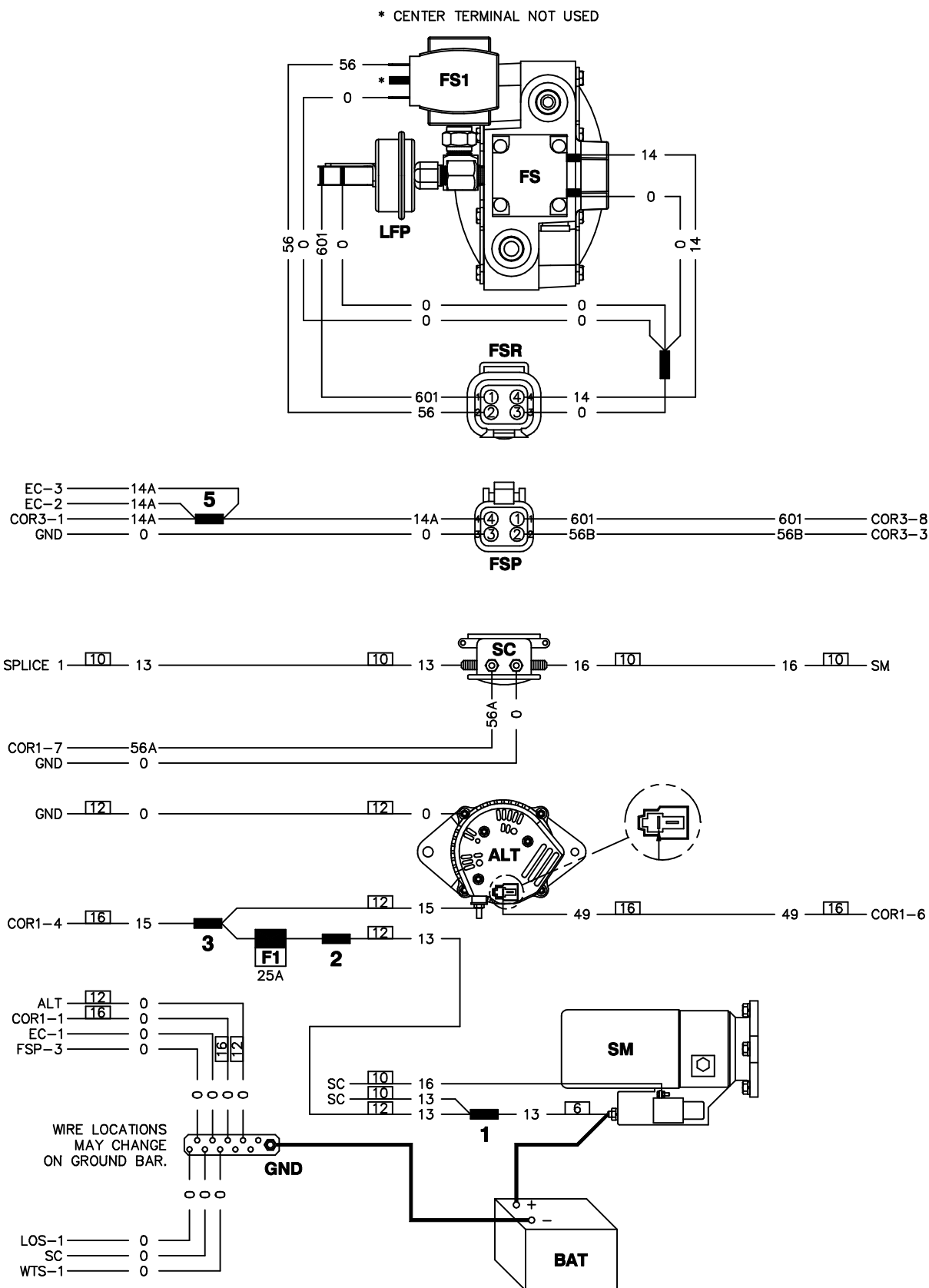
## COMPONENTS LOCATED IN CONTROL PANEL



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



## COMPONENTS LOCATED ON ENGINE



## COMPONENTS LOCATED ON ENGINE

