

## LEGEND

AFS - AIR/FUEL SOLENOID  
 ALT - DC CHARGE ALTERNATOR  
 AS - ALTERNATOR STATOR  
 BA - BRUSH ASSEMBLY  
 BAT - BATTERY  
 BCH - BATTERY CHARGER  
 CAM - CAMSHAFT SENSOR  
 CSS - CRANKSHAFT 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  
 EC - EMISSIONS CONNECTOR  
 ES - EMERGENCY STOP  
 ESC - EMERGENCY STOP CONNECTOR  
 F - FUSE

FS - FUEL SOLENOID  
 FSP - FUEL SOLENOID PLUG  
 FSR - FUEL SOLENOID RECEPTACLE  
 GA - GOVERNOR ACTUATOR  
 GND - GROUND CONNECTION  
 ICMJ - IGNITION CONTROL MODULE  
 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  
 OS - OXYGEN SENDER  
 RLY - CONTROL RELAY  
 SC - STARTER CONTACTOR  
 SM - STARTER MOTOR  
 TB - TERMINAL BLOCK  
 THMS - THERMISTOR (BATTERY AMBIENT TEMP.)  
 WLS - COOLANT LEVEL SENSOR  
 WTS - COOLANT TEMPERATURE SENSOR

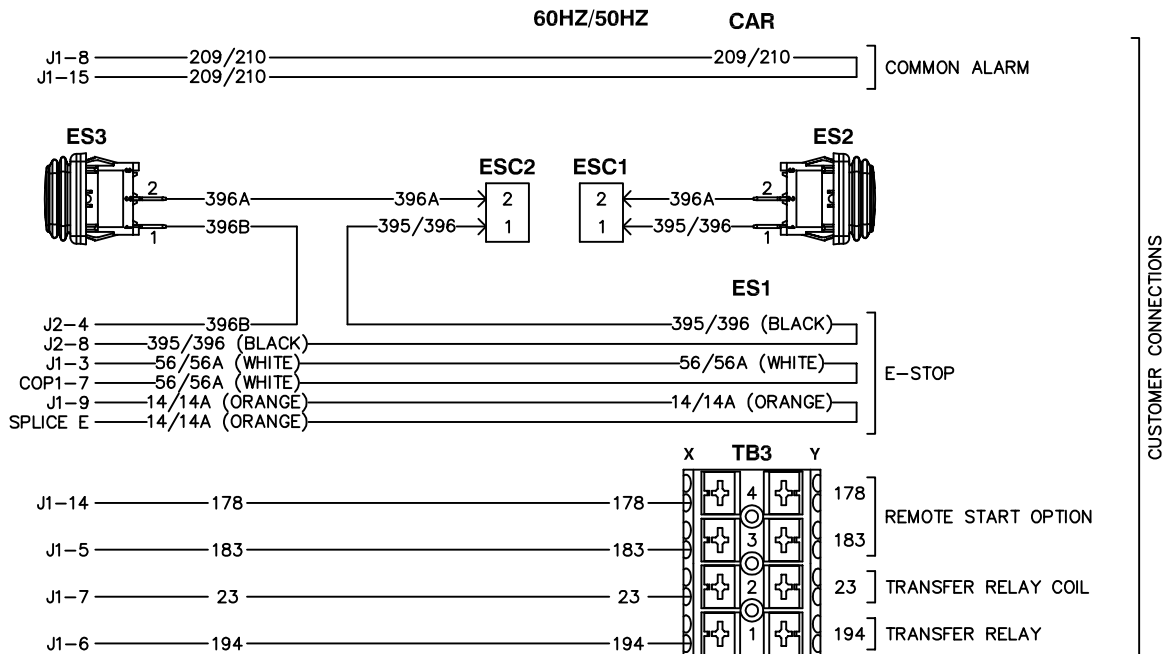
NOTE: ALL WIRES 18 AWG  
 BLACK 300V UL LISTED  
 UNLESS SHOWN OTHERWISE

121 AWG SIZE

3  
 WIRE  
 SPLICE  
 SPLICE  
 NUMBER  
 OR LETTER

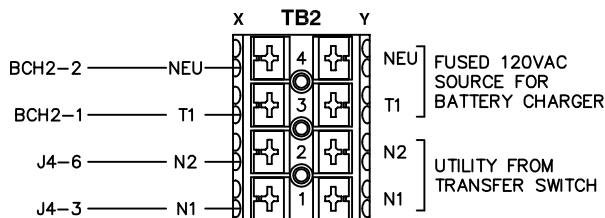
## COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

NOTE: ALL WIRES ON THIS  
 PAGE ARE 600V RATED



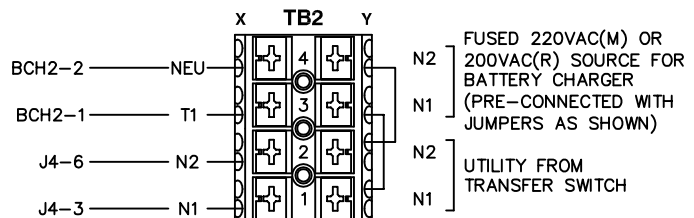
## COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

### 60HZ UNITS



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

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



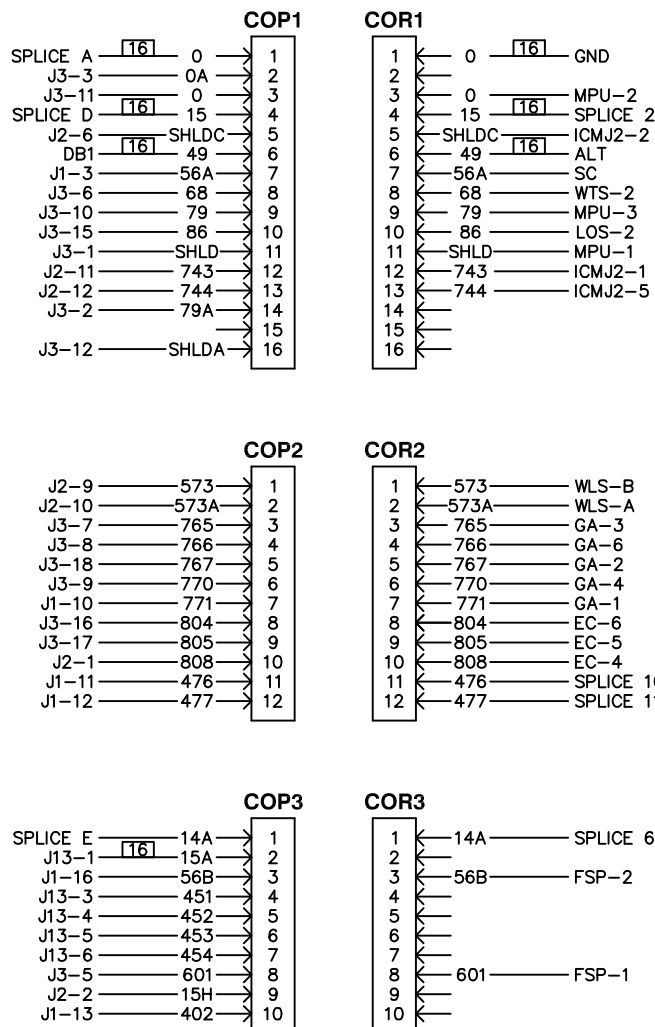
240VAC MAX

CUSTOMER CONNECTIONS



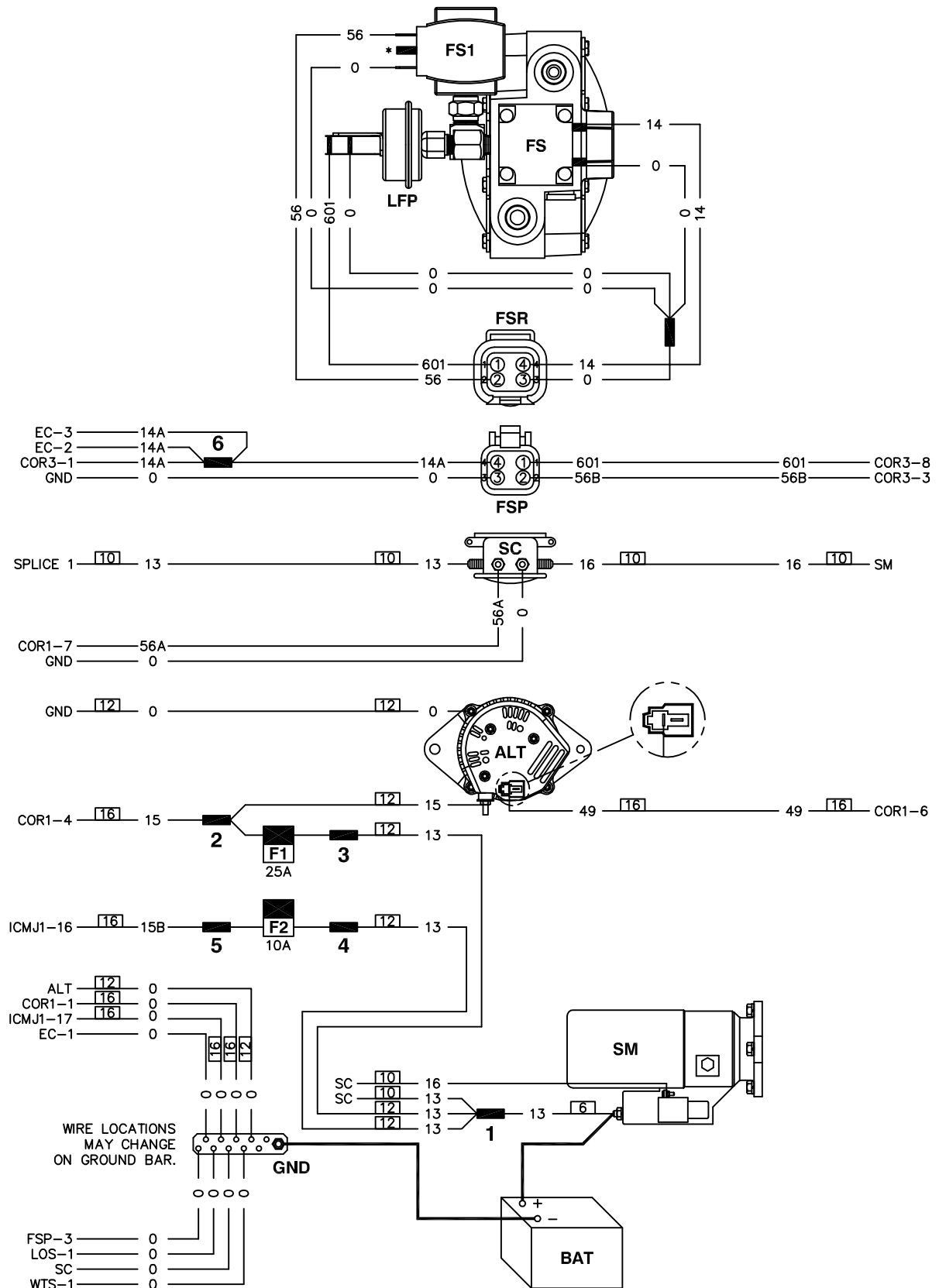


**COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX & ON ENGINE  
BULKHEAD CROSSOVER CONNECTIONS**

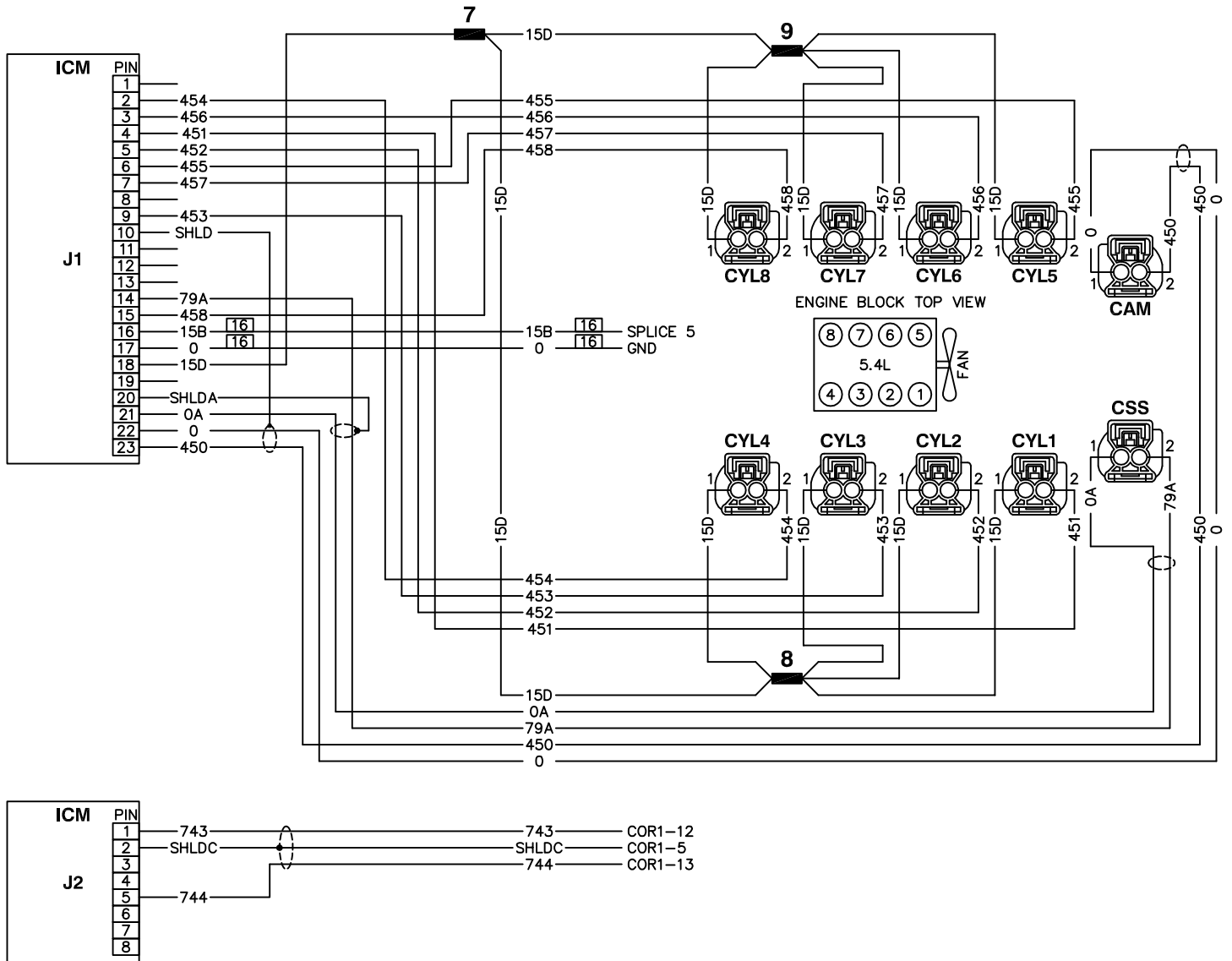


COMPONENTS LOCATED ON ENGINE

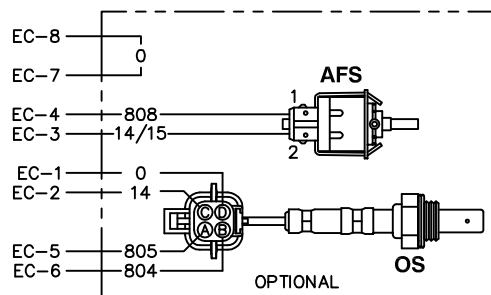
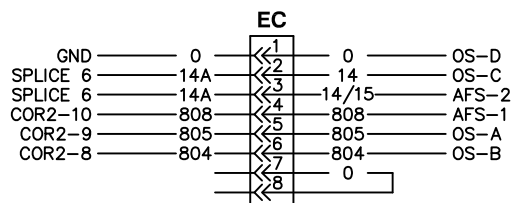
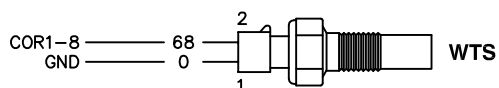
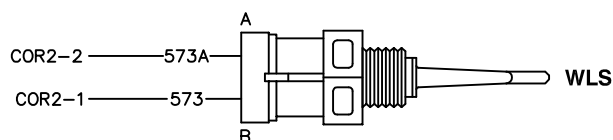
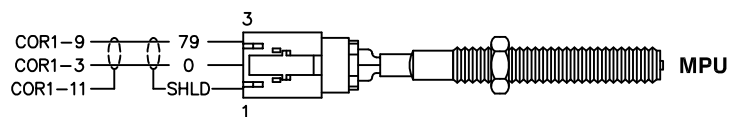
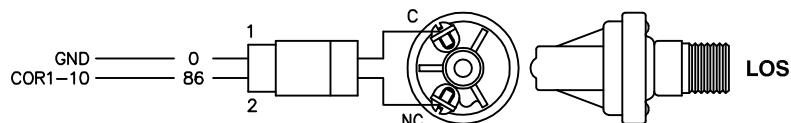
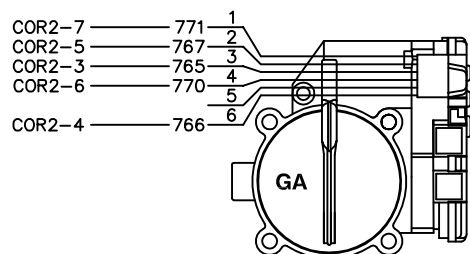
\* CENTER TERMINAL NOT USED



COMPONENTS LOCATED ON ENGINE



## COMPONENTS LOCATED ON ENGINE



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