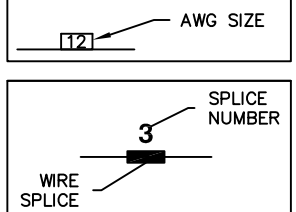


LEGEND

ALT_ - DC CHARGE ALTERNATOR
 AS - ALTERNATOR STATOR
 BA - BRUSH ASSEMBLY
 BCH_ - BATTERY CHARGER
 CAR - COMMON ALARM RELAY
 COP1 - CROSSOVER PLUG 16-PIN (BULKHEAD)
 COP2 - CROSSOVER PLUG 12-PIN (BULKHEAD)
 COR1 - CROSSOVER RECEPTACLE 16-PIN
 COR2 - CROSSOVER RECEPTACLE 12-PIN
 DB_ - DIODE BRIDGE
 ES_ - EMERGENCY STOP
 FLS - FUEL LEVEL SWITCH
 F_ - FUSE
 GA - GOVERNOR ACTUATOR
 GND - GROUND CONNECTION
 GP - GLOW PLUG

IP - INJECTOR PUMP
 J_ - MAIN CONTROLLER CONNECTORS
 LD - LEAK DETECTOR
 LOS - LOW OIL PRESSURE SWITCH
 MLCB - MAIN LINE CIRCUIT BREAKER
 MPU - MAGNETIC PICKUP
 NB - NEUTRAL BLOCK
 PHC - PREHEAT CONTACTOR
 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

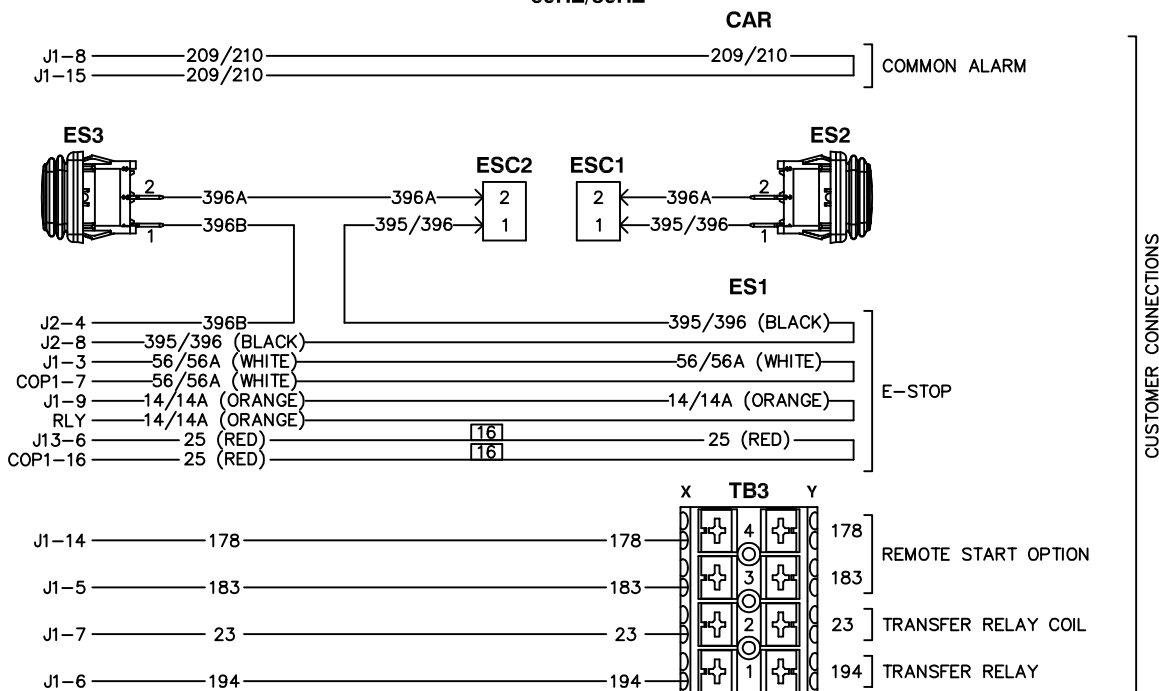
NOTE: ALL WIRES 18 AWG
 300V UL LISTED UNLESS
 SHOWN OTHERWISE



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

NOTE: ALL WIRES ON THIS
 PAGE ARE 600V RATED

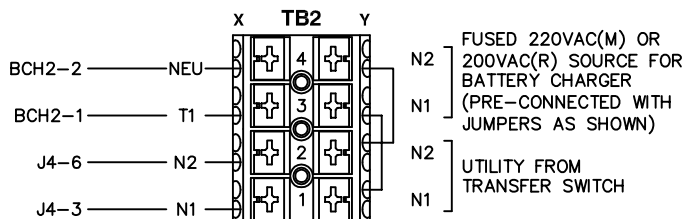
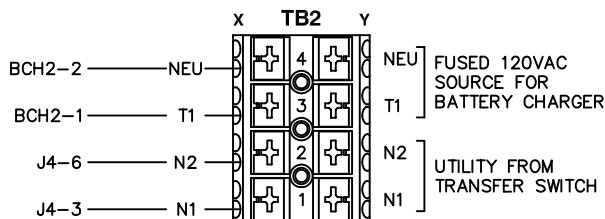
60HZ/50HZ



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

60HZ UNITS

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

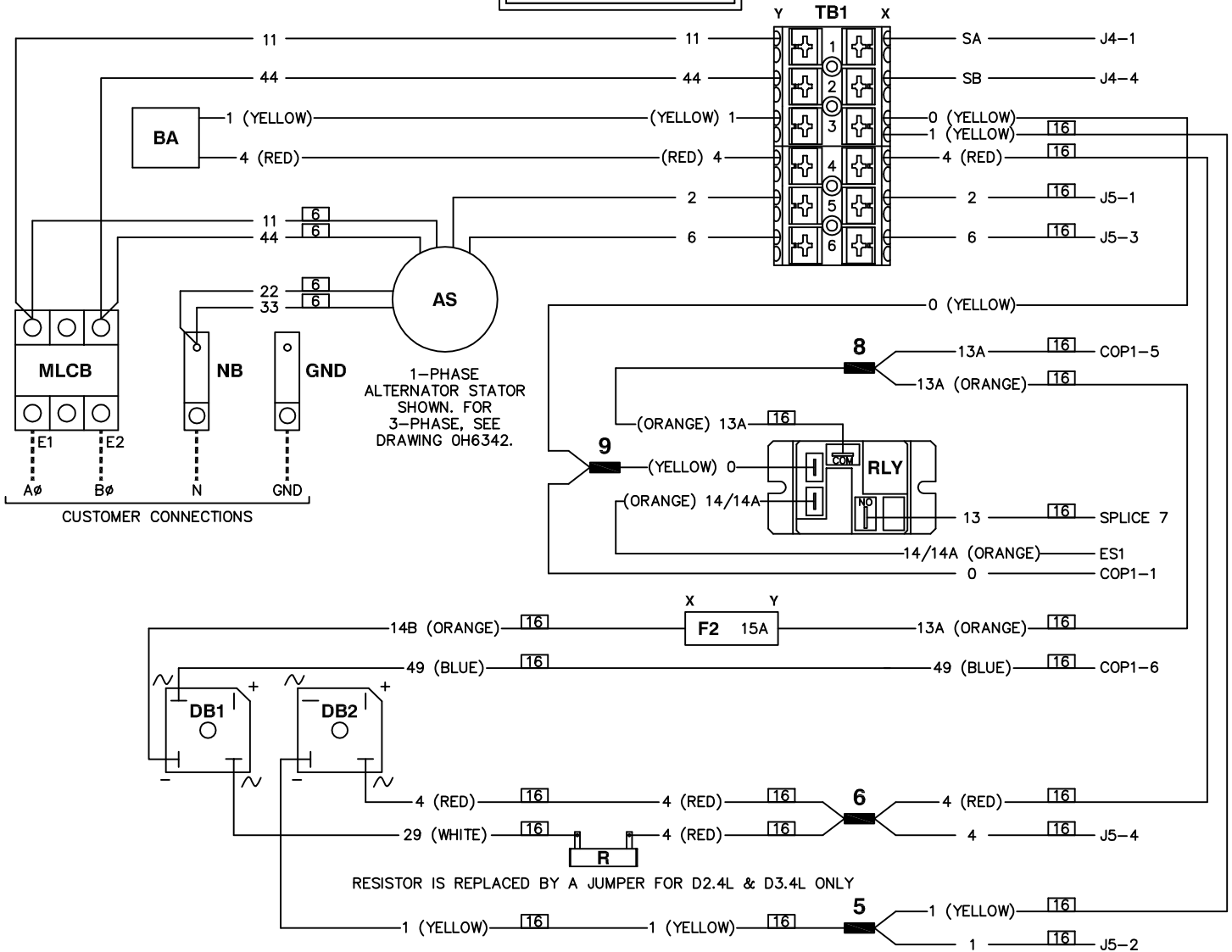


NOTE:
 FOR FIELD WIRING TO CUSTOMER CONNECTIONS
 (TERMINAL BLOCKS)
 MAXIMUM WIRE SIZE: #12 AWG

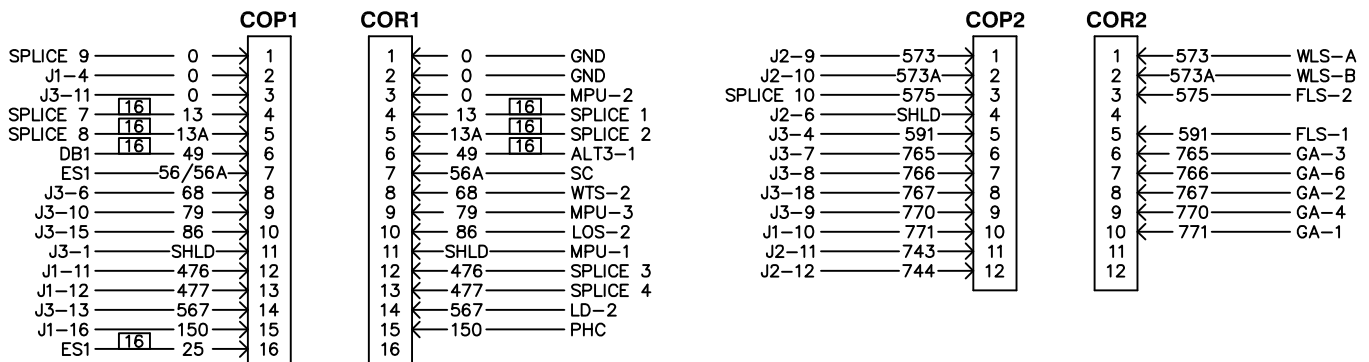
240VAC MAX

COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX
HIGH VOLTAGE CONNECTIONS

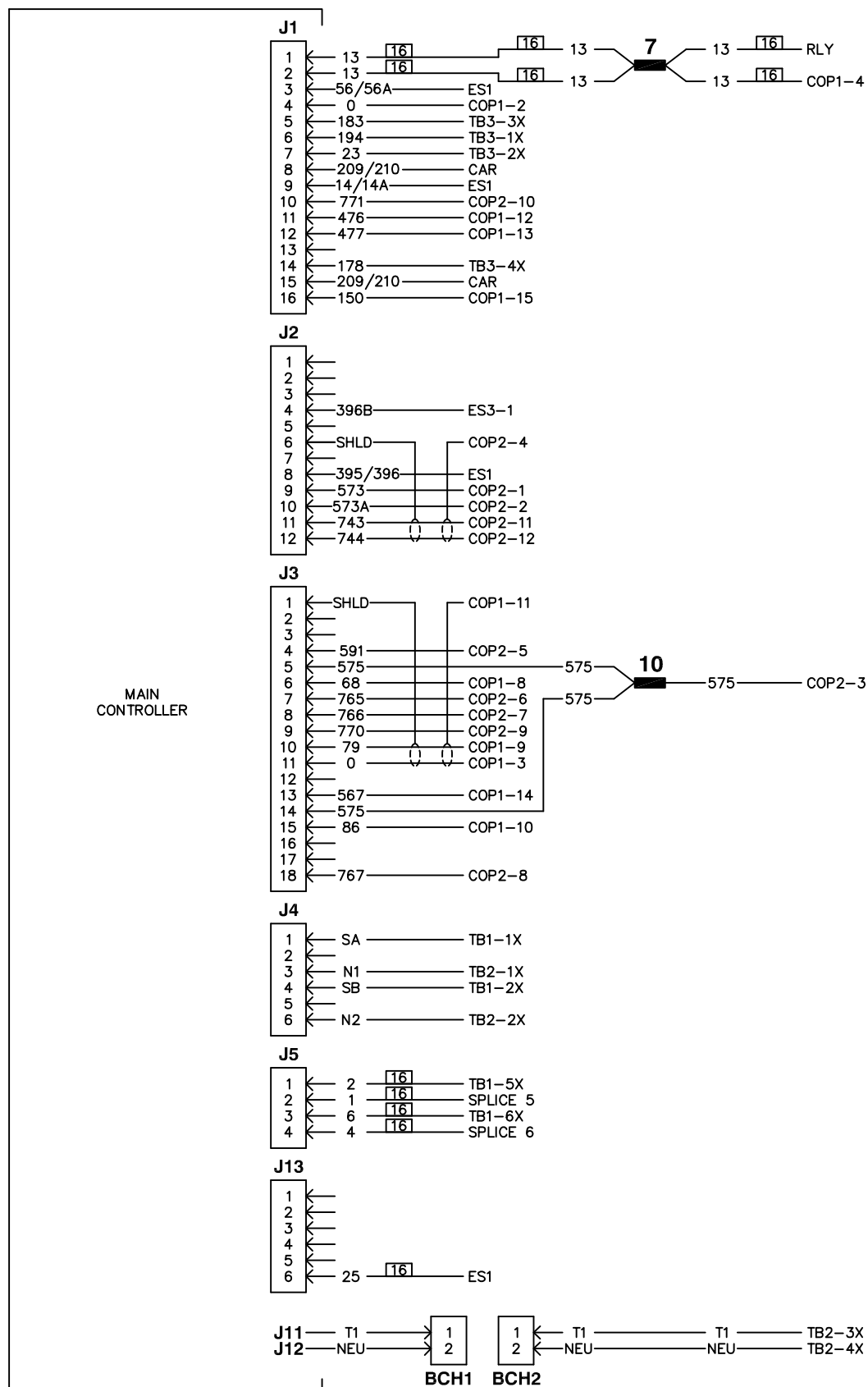
NOTE: ALL WIRES ON THIS
PAGE ARE 600V RATED
EXCEPT FOR THOSE AT COR1
& COR2



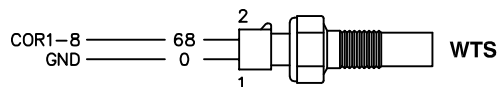
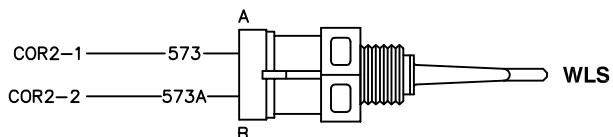
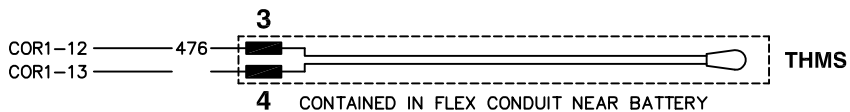
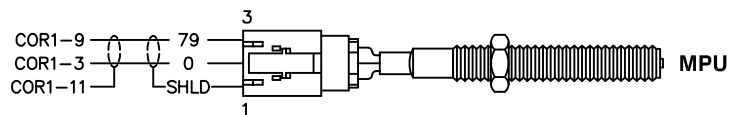
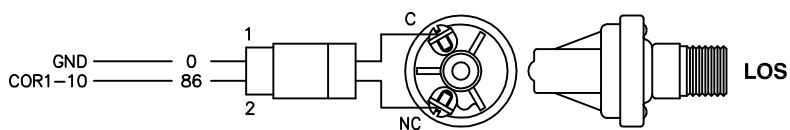
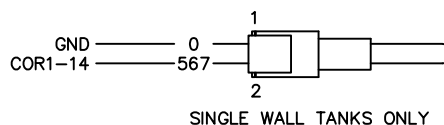
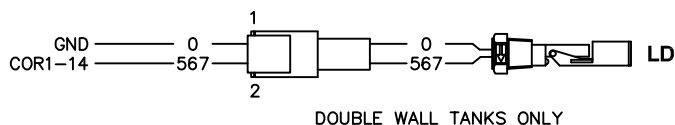
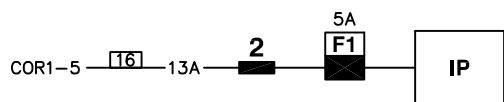
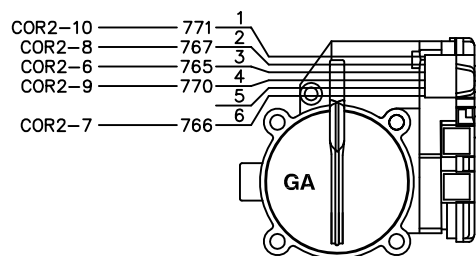
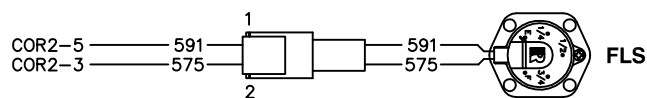
COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX & ON ENGINE
BULKHEAD CROSSOVER CONNECTIONS



COMPONENTS LOCATED IN CONTROL PANEL



COMPONENTS LOCATED ON ENGINE



PAGE LEFT INTENTIONALLY BLANK