

LEGEND

AFS - AIR FUEL SOLENOID
 ALT - DC CHARGE ALTERNATOR
 AS - ALTERNATOR STATOR
 BCH - BATTERY CHARGER
 CAR - COMMON ALARM RELAY
 DB - DIODE BRIDGE
 DIST - DISTRIBUTOR CAP
 EF - EXCITER FIELD
 ES - EMERGENCY STOP
 ESC - EMERGENCY STOP CONNECTOR
 F2 - FUSE, RESETTABLE
 FB1 - FUSE
 FS - FUEL SOLENOID
 FSC - FUEL SYSTEM CONNECTOR
 GA - GOVERNOR ACTUATOR
 GND - GROUND CONNECTION
 INS - IGNITION NOISE SUPPRESSION

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 SENSOR
 R1 - RESISTOR
 RLY - CONTROL RELAY
 SC - STARTER CONTACTOR
 SM - STARTER MOTOR
 TB - TERMINAL BLOCK
 THMS - THERMISTOR (BATTERY AMBIENT TEMP.)
 WLS - COOLANT LEVEL SENSOR
 WM - WIFI MODULE
 WTS - COOLANT TEMPERATURE SENSOR

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

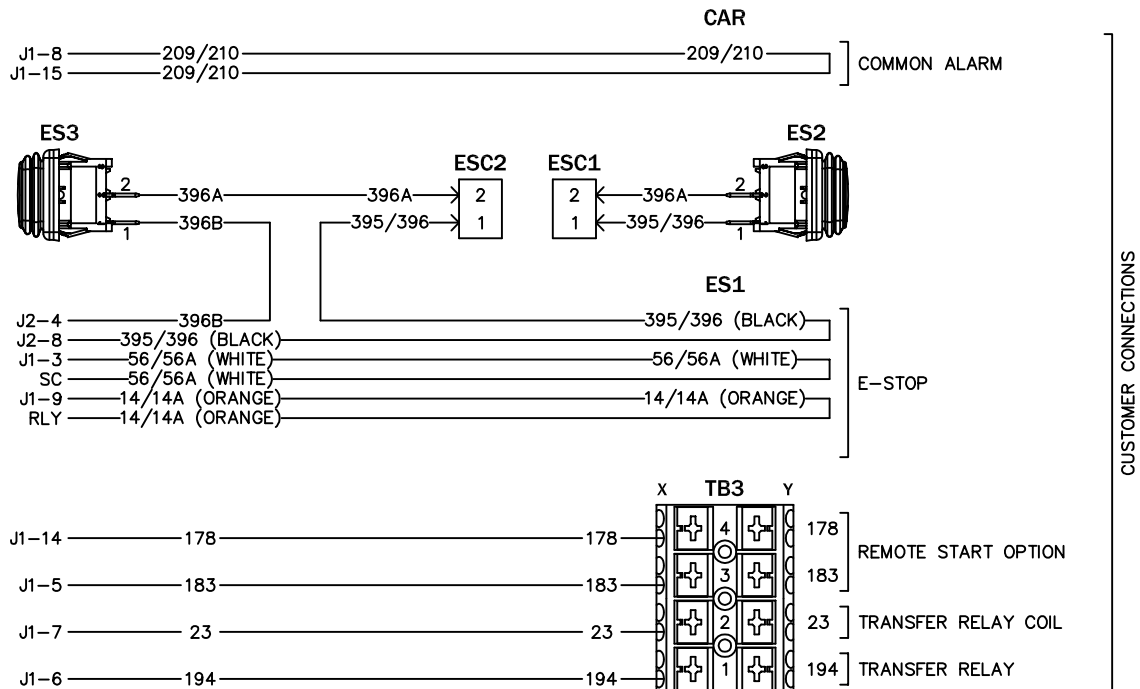
12 AWG SIZE

3 SPLICE
 NUMBER
 WIRE
 SPLICE

COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

NOTE: ALL WIRES ON THIS
 PAGE ARE 600V RATED

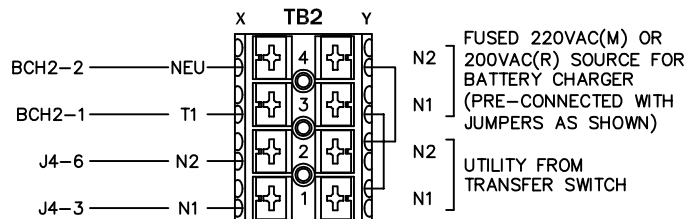
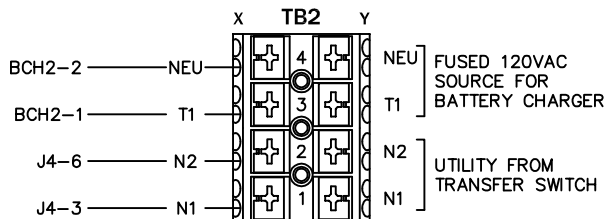
60HZ/50HZ



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

60HZ UNITS

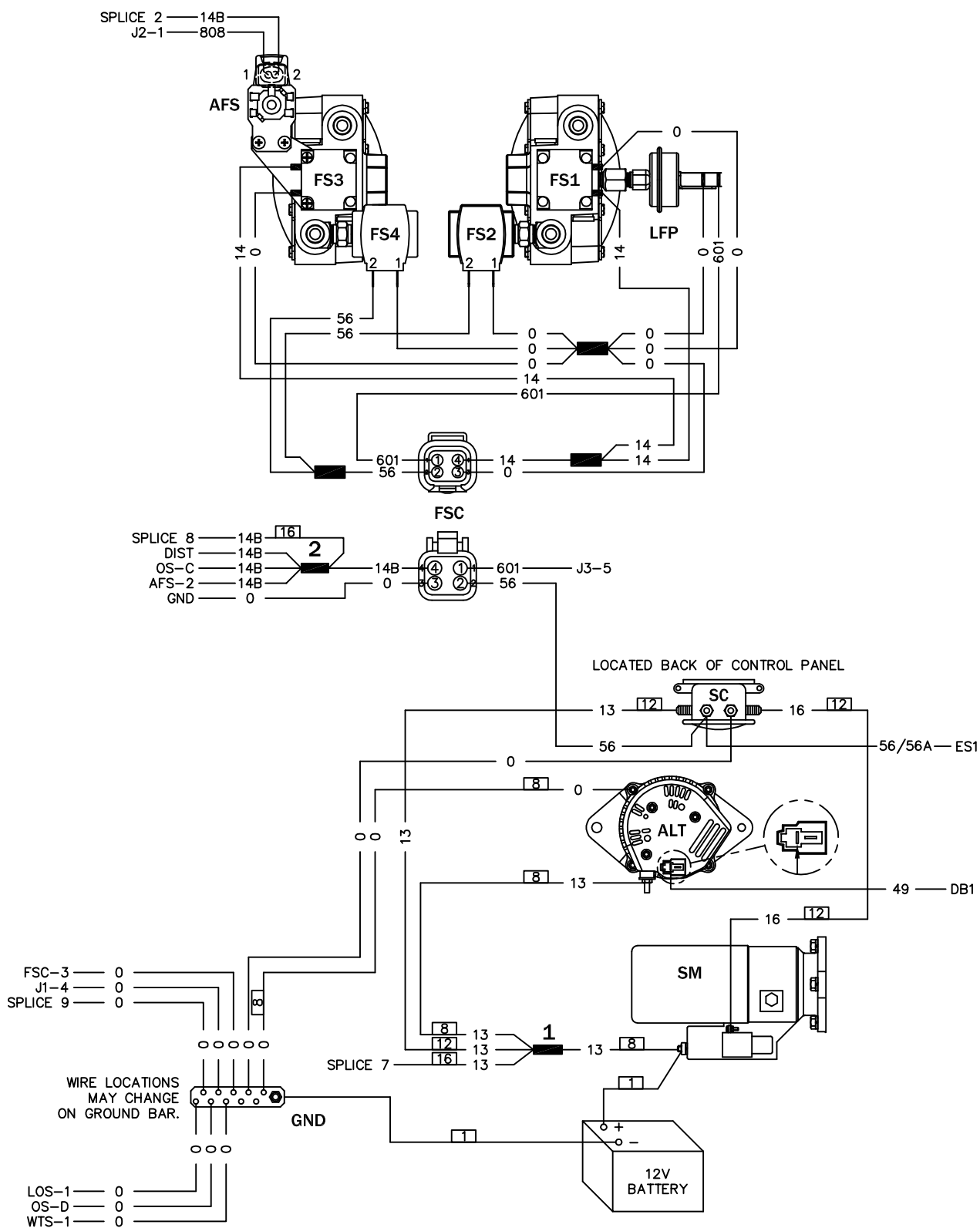
50HZ (M-VOLTAGE, 110/220VAC & R-VOLTAGE, 231/400VAC)



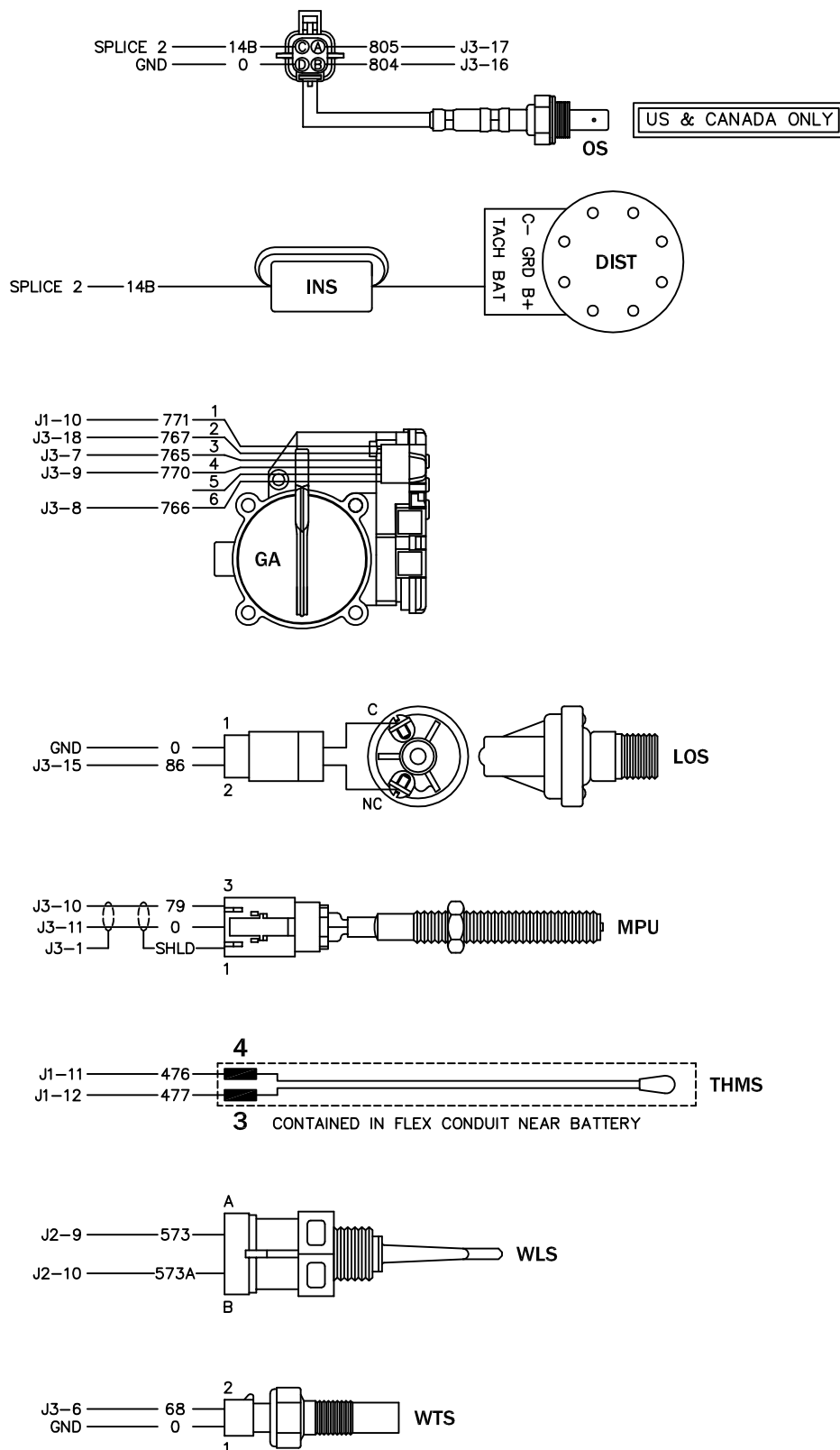
NOTE:
 FOR FIELD WIRING TO CUSTOMER CONNECTIONS
 (TERMINAL BLOCKS)
 MAXIMUM WIRE SIZE: #12 AWG

240VAC MAX

COMPONENTS LOCATED ON ENGINE



COMPONENTS LOCATED ON ENGINE



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