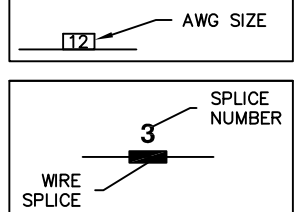


LEGEND

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

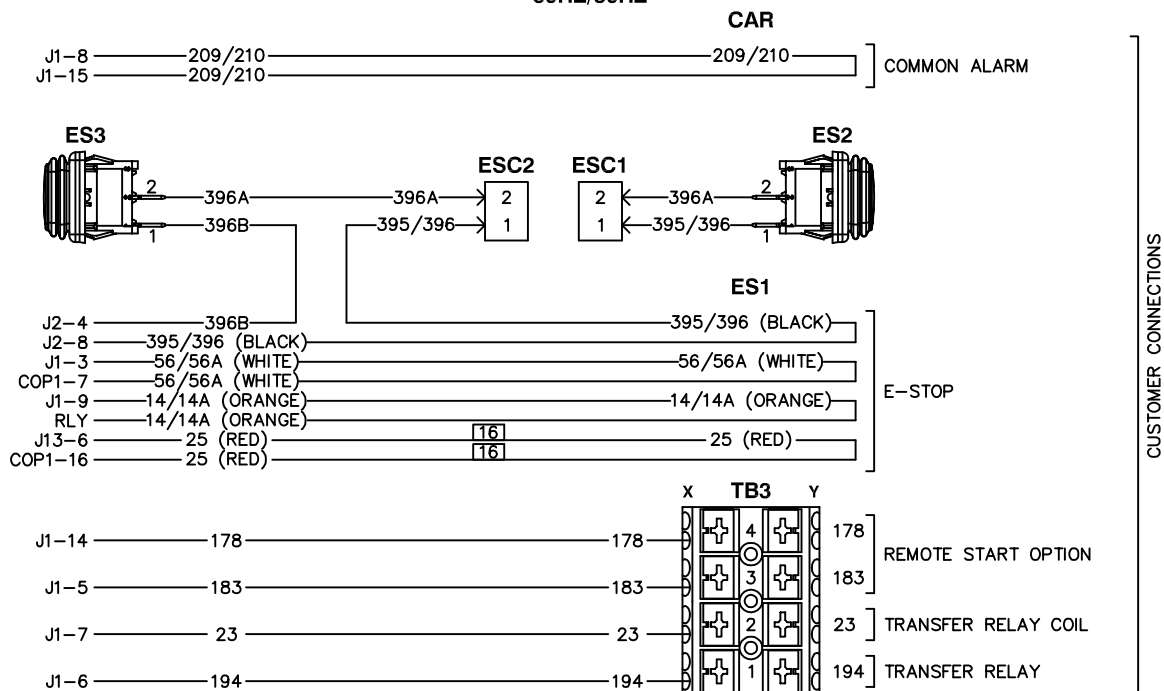
NOTE: ALL WIRES 18 AWG
300V UL LISTED UNLESS
SHOWN OTHERWISE



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

NOTE: ALL WIRES ON THIS
PAGE ARE 600V RATED

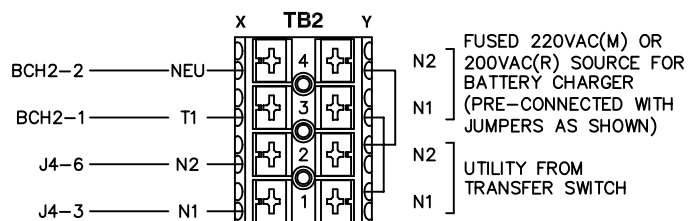
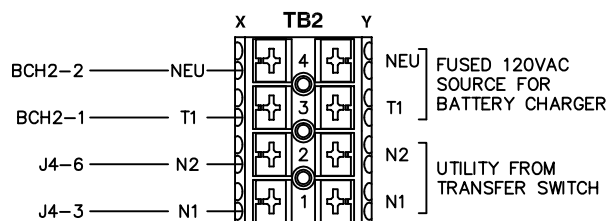
60HZ/50HZ



COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

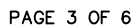
60HZ UNITS

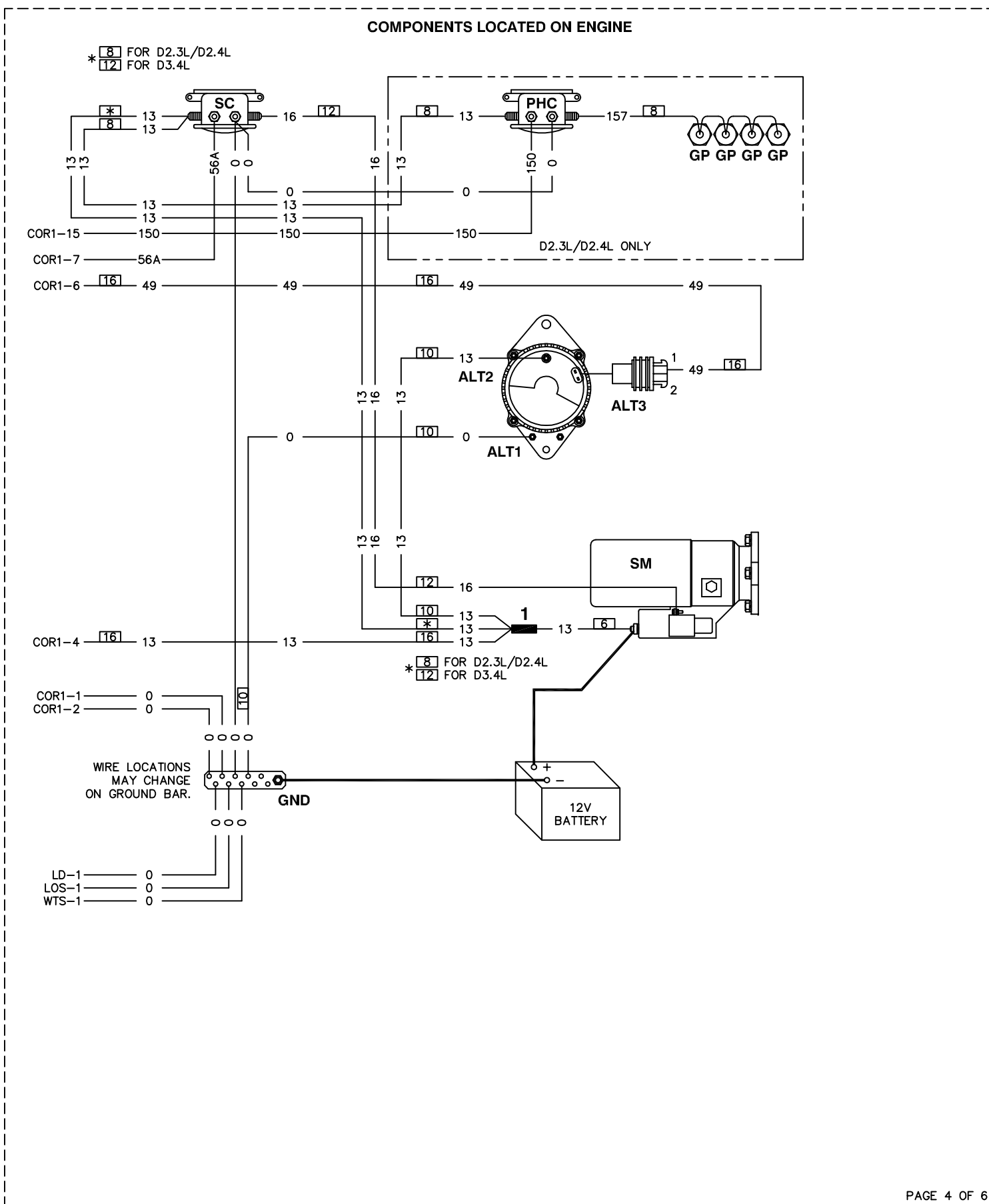
50HZ (M-VOLTAGE, 110/220VAC & R-VOLTAGE, 231/400VAC)



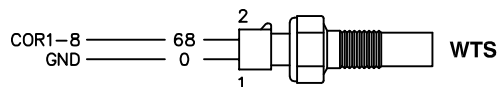
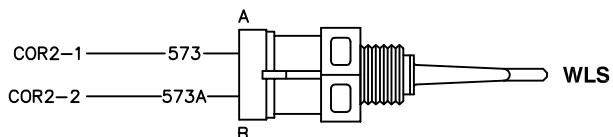
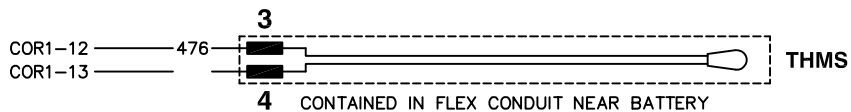
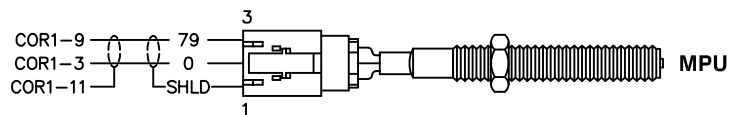
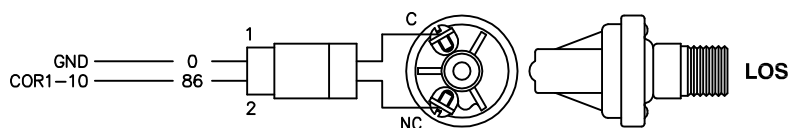
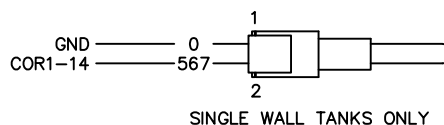
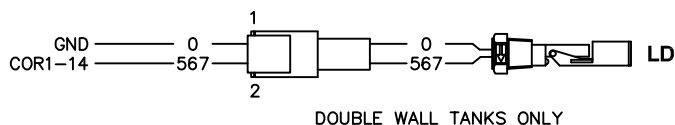
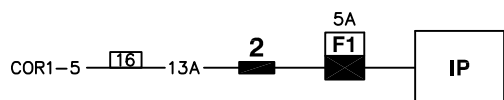
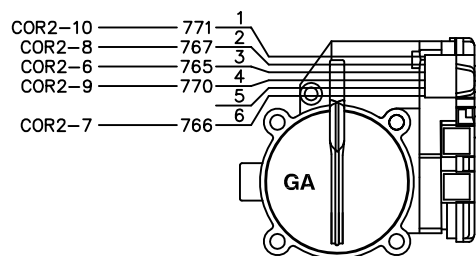
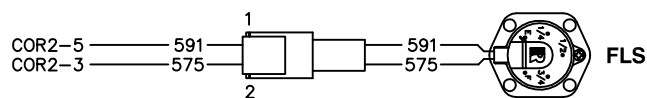
NOTE:
FOR FIELD WIRING TO CUSTOMER CONNECTIONS
(TERMINAL BLOCKS)
MAXIMUM WIRE SIZE: #12 AWG

240VAC MAX





COMPONENTS LOCATED ON ENGINE



PAGE LEFT INTENTIONALLY BLANK