

CONTROL PANEL LEGEND

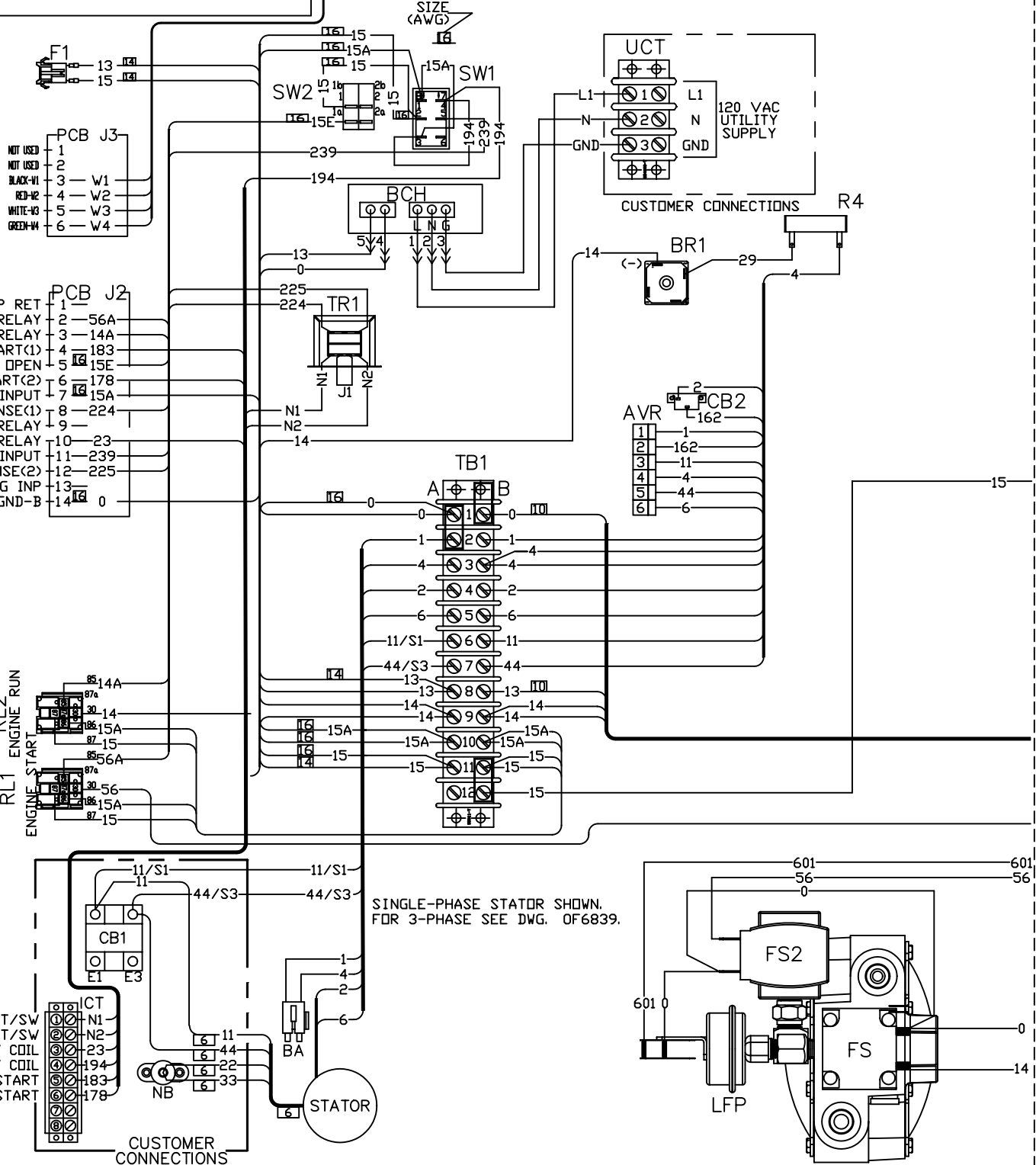
AVR - AUTOMATIC VOLTAGE REGULATOR
 BCH - BATTERY CHARGER
 BR1 - DIODE (FIELD BOOST)
 CB2 - CIRCUIT BREAKER (EXCITATION)
 F1 - FUSE, BAT. POWER (15A ATD TYPE)
 J2 - CONNECTOR 2 (ON PCB)
 J3 - CONNECTOR 3 (ON PCB)
 R4 - FIELD BOOST RESISTOR, 25 OHM
 RL1 - RELAY 1 (START RELAY)
 RL2 - RELAY 2 (ENGINE RUN)
 SW1 - AUTO/OFF/MANUAL SWITCH
 SW2 - SET EXERCISER SWITCH
 TB - TERMINAL BLOCK
 TR1 - TRANSFORMER 1

CUSTOMER CONNECTION

& ALTERNATOR LEGEND:

BA - BRUSH ASSEMBLY (GENERATOR)
 ICT - INTERCONNECT TERMINAL BLOCK
 MCB - MAINLINE CIRCUIT BREAKER
 NB - NEUTRAL BLOCK
 UCT - UTILITY CONNECT TERMINAL BLOCK

NOTE: ALL WIRES ARE
 18 AWG UL LISTED UNLESS
 OTHERWISE NOTED AS SHOWN:



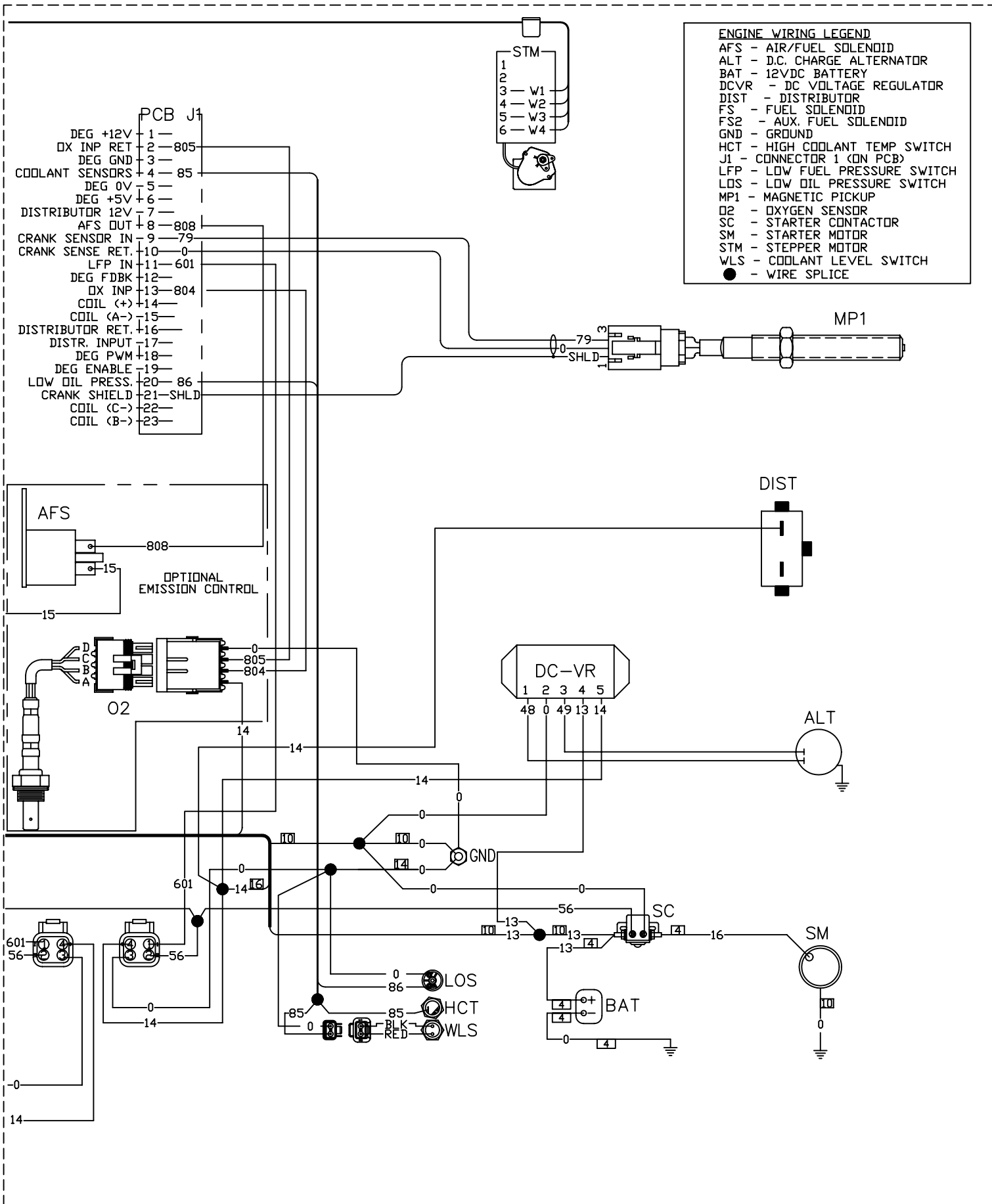
WIRING - DIAGRAM

1.5L COMMERCIAL PROD LINE

DRAWING #: 0F7132

REVISION: *

DATE: 05/24/05



- ENGINE WIRING LEGEND**
- AFS - AIR/FUEL SOLENOID
 - ALT - D.C. CHARGE ALTERNATOR
 - BAT - 12VDC BATTERY
 - DCVR - DC VOLTAGE REGULATOR
 - DIST - DISTRIBUTOR
 - FS - FUEL SOLENOID
 - FS2 - AUX. FUEL SOLENOID
 - GND - GROUND
 - HCT - HIGH COOLANT TEMP SWITCH
 - J1 - CONNECTOR 1 (ON PCB)
 - LFP - LOW FUEL PRESSURE SWITCH
 - LOS - LOW OIL PRESSURE SWITCH
 - MP1 - MAGNETIC PICKUP
 - O2 - OXYGEN SENSOR
 - SC - STARTER CONTACTOR
 - SM - STARTER MOTOR
 - STM - STEPPER MOTOR
 - WLS - COOLANT LEVEL SWITCH
 - - WIRE SPLICE