

## CONTROL PANEL LEGEND

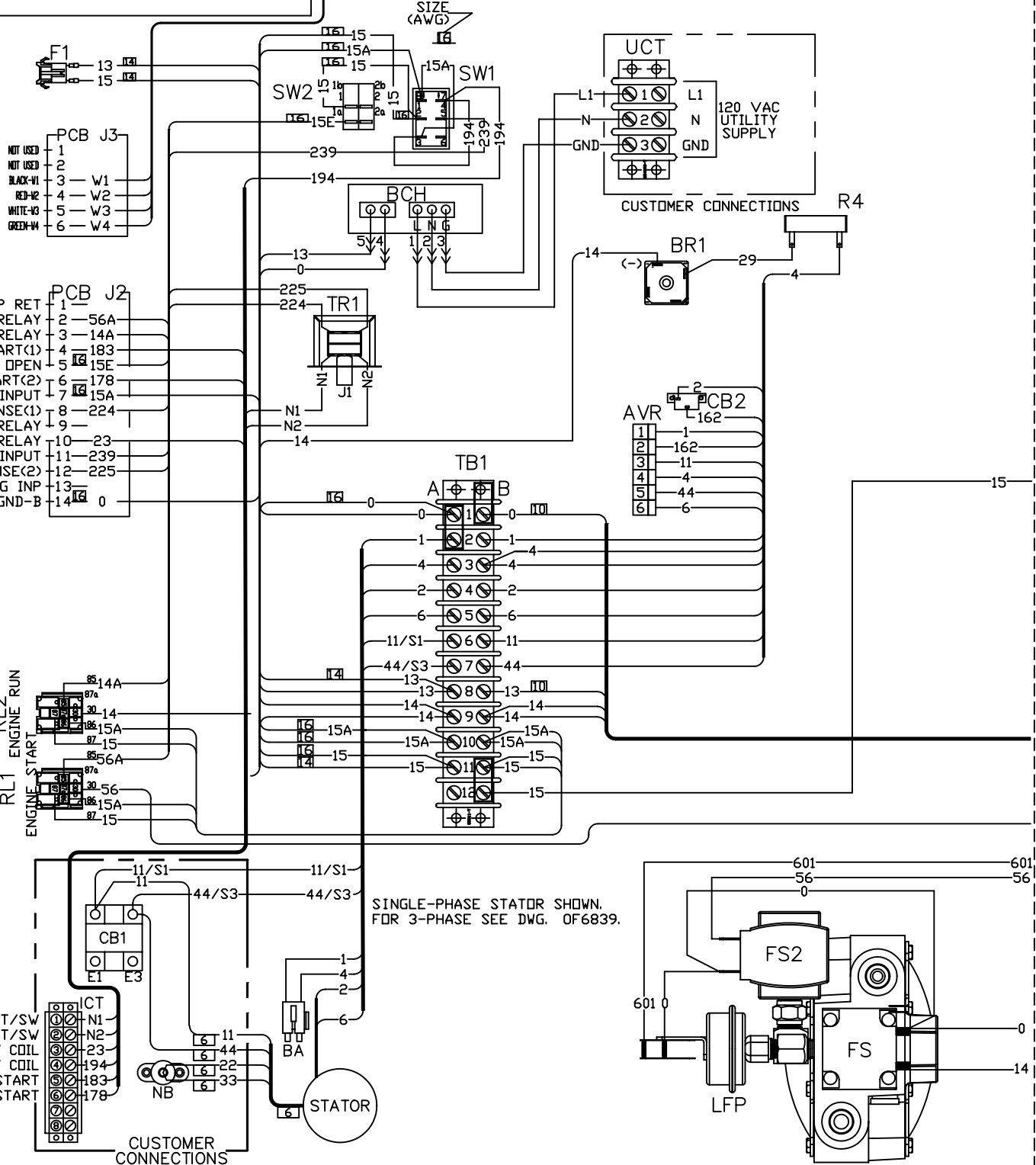
AVR - AUTOMATIC VOLTAGE REGULATOR  
 BCH - BATTERY CHARGER  
 BR1 - DIODE (FIELD BOOST)  
 CB2 - CIRCUIT BREAKER (EXCITATION)  
 F1 - FUSE, BAT. POWER (15A ATD TYPE)  
 J2 - CONNECTOR 2 (ON PCB)  
 J3 - CONNECTOR 3 (ON PCB)  
 R4 - FIELD BOOST RESISTOR, 25 OHM  
 RL1 - RELAY 1 (START RELAY)  
 RL2 - 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:



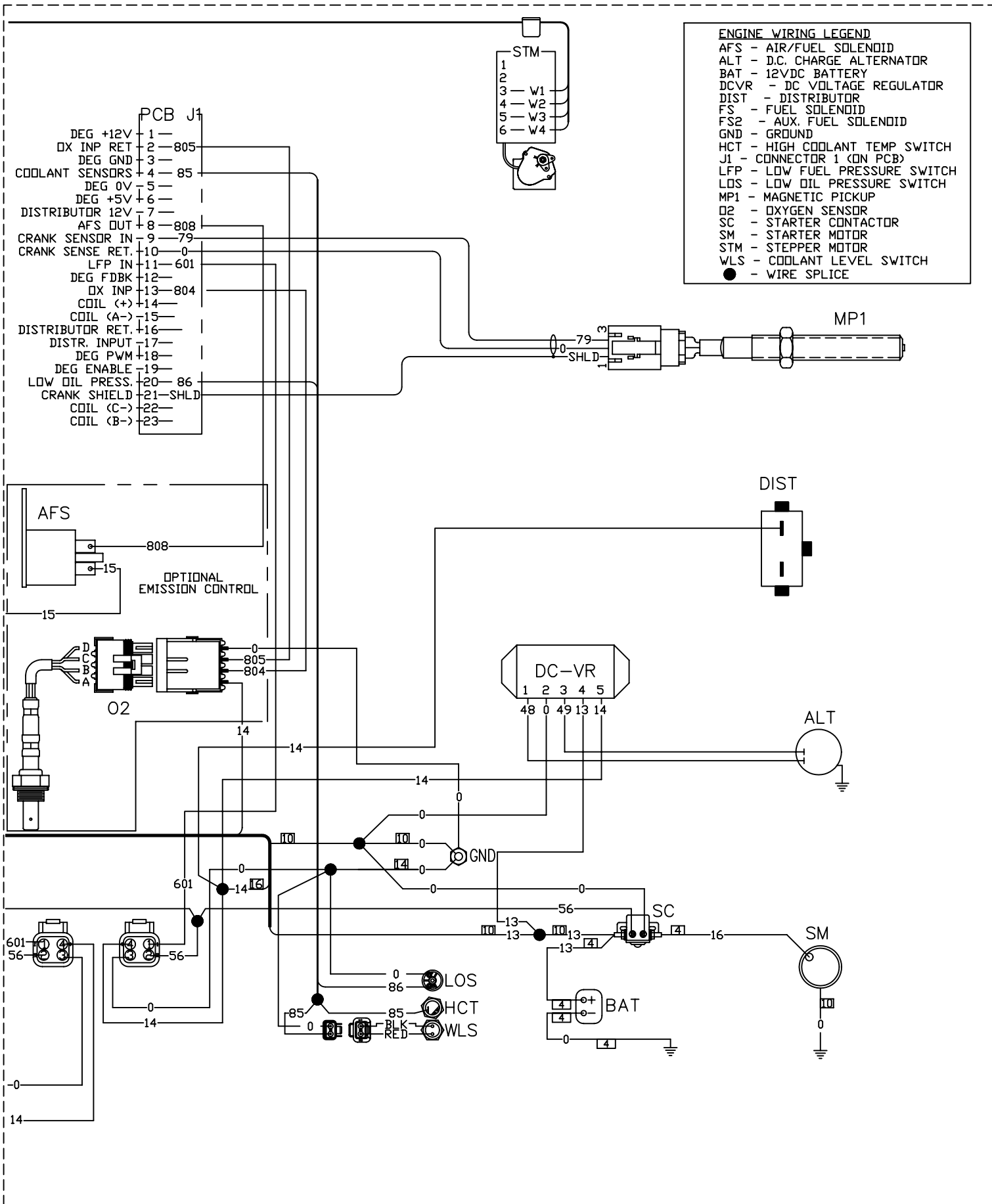
## WIRING - DIAGRAM

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