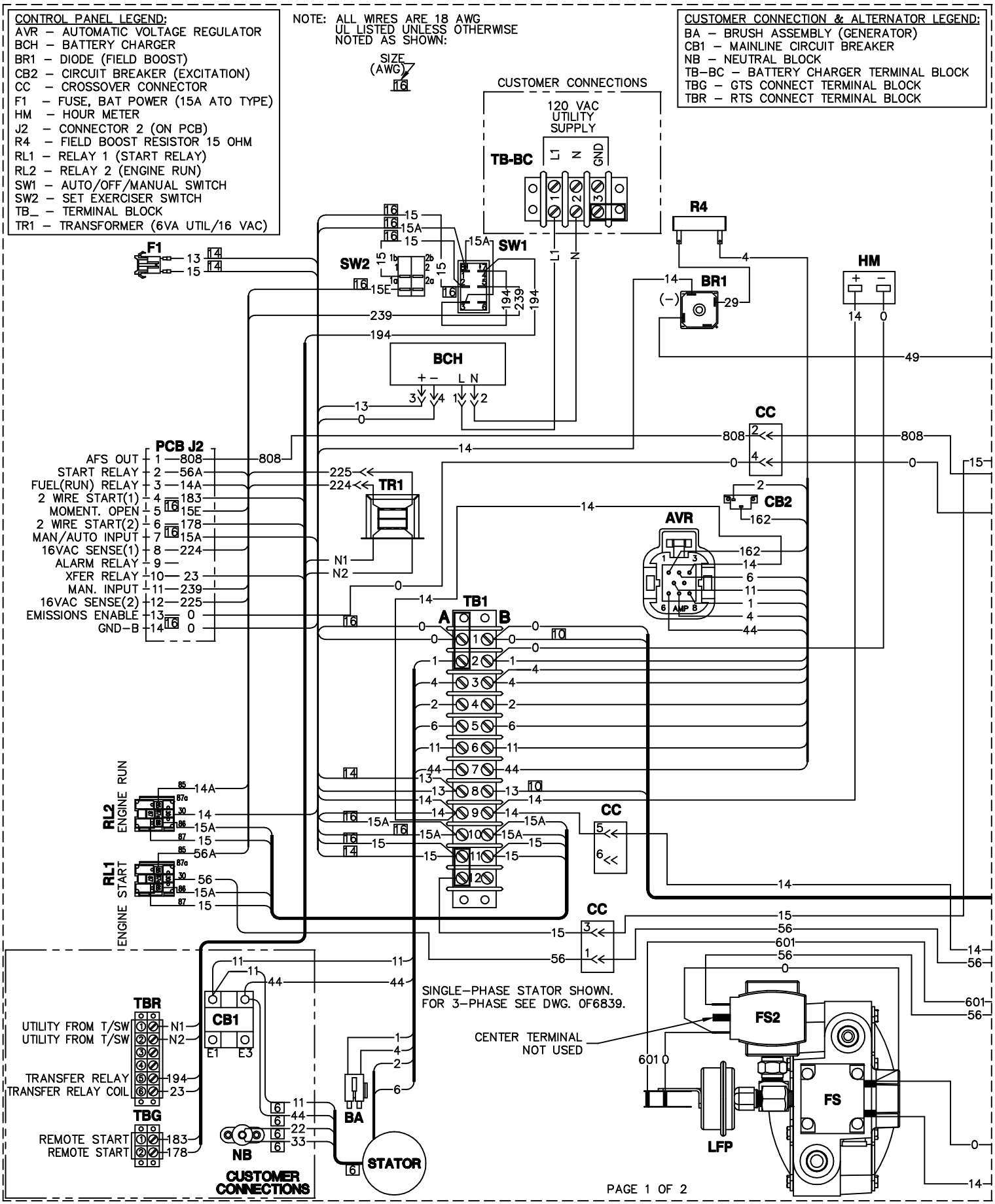
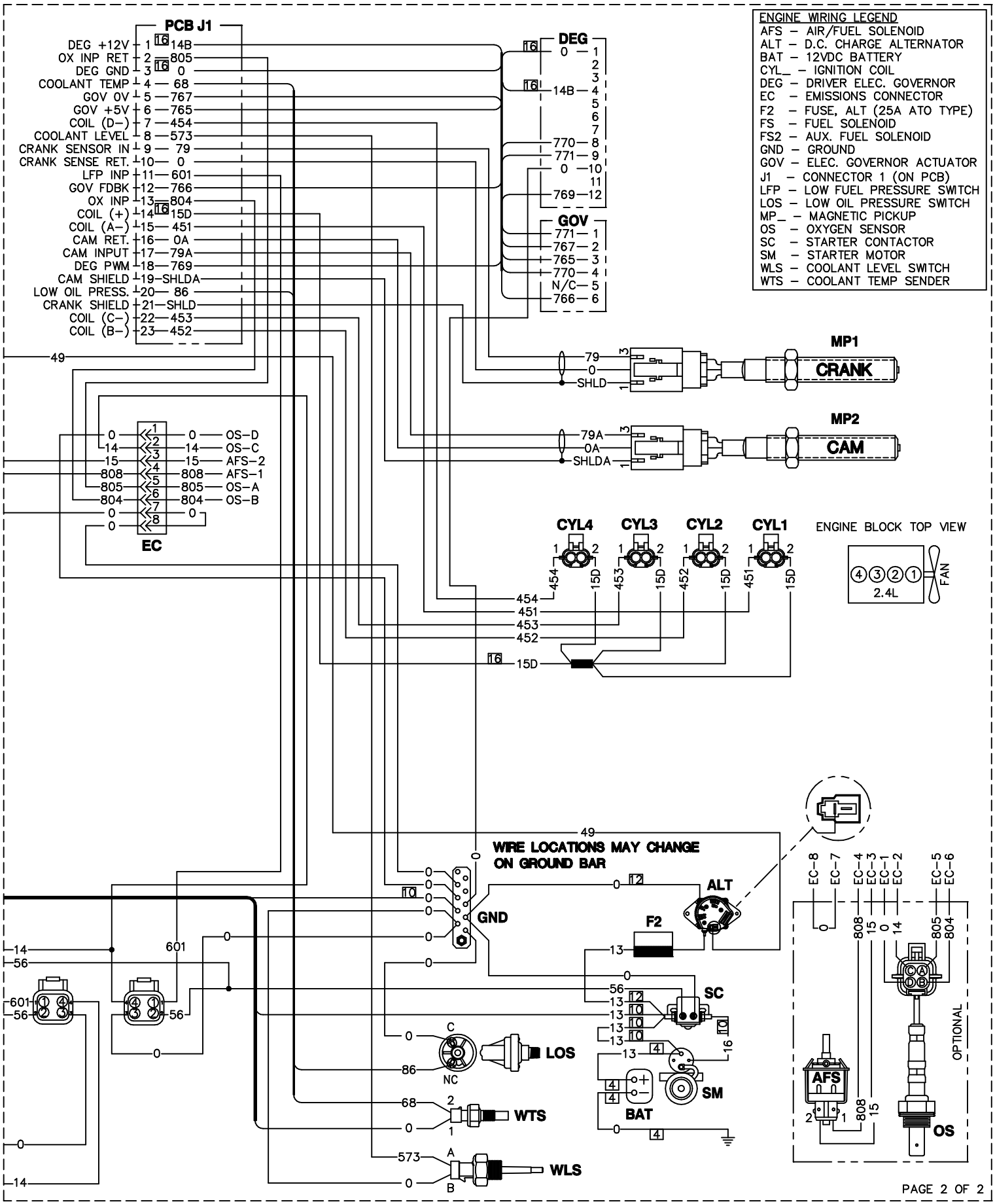

CONTROL PANEL LEGEND:
AVR – AUTOMATIC VOLTAGE REGULATOR
BCH – BATTERY CHARGER
BR1 – DIODE (FIELD BOOST)
CB2 – CIRCUIT BREAKER (EXCITATION)
CC – CROSSOVER CONNECTOR
F1 – FUSE, BAT POWER (15A ATO TYPE)
HM – HOUR METER
J2 – CONNECTOR 2 (ON PCB)
R4 – FIELD BOOST RESISTOR 15 OHM
RL1 – RELAY 1 (START RELAY)
RL2 – RELAY 2 (ENGINE RUN)
SW1 – AUTO/OFF/MANUAL SWITCH
SW2 – SET EXERCISER SWITCH
TB_ – TERMINAL BLOCK
TR1 – TRANSFORMER (6VA UTIL/16 VAC)
NOTE: ALL WIRES ARE 18 AWG UL LISTED UNLESS OTHERWISE NOTED AS SHOWN:
SIZE (AWG) 16
CUSTOMER CONNECTIONS
120 VAC UTILITY SUPPLY
TB-BC L1 N GND
CUSTOMER CONNECTION & ALTERNATOR LEGEND:
BA – BRUSH ASSEMBLY (GENERATOR)
CB1 – MAINLINE CIRCUIT BREAKER
NB – NEUTRAL BLOCK
TB–BC – BATTERY CHARGER TERMINAL BLOCK
TBG – GTS CONNECT TERMINAL BLOCK
TBR – RTS CONNECT TERMINAL BLOCK
F1
SW1
SW2
R4
BR1
HM
BCH
CC
CB2
AVR
TR1
PCB J2
AFS OUT 1 808
START RELAY 2 56A
FUEL(RUN) RELAY 3 14A
2 WIRE START(1) 4 183
MOMENT. OPEN 5 15E
2 WIRE START(2) 6 178
MAN/AUTO INPUT 7 15A
16VAC SENSE(1) 8 224
ALARM RELAY 9
XFER RELAY 10 23
MAN. INPUT 11 239
16VAC SENSE(2) 12 225
EMISSIONS ENABLE 13 0
GND–B 14 0
TB1
RL2 ENGINE RUN
RL1 ENGINE START
SINGLE–PHASE STATOR SHOWN.
FOR 3–PHASE SEE DWG. 0F6839.
CENTER TERMINAL NOT USED
TBR
UTILITY FROM T/SW N1
UTILITY FROM T/SW N2
TRANSFER RELAY 194
TRANSFER RELAY COIL 23
TBG
REMOTE START 183
REMOTE START 178
CB1
BA
NB
STATOR
FS2
FS
LFP
CUSTOMER CONNECTIONS
PAGE 1 OF 2



REVISION: H-3590-B
DATE: 12/04/08

PAGE 2 OF 2

WIRING - DIAGRAM
2.4L R-200C
DRAWING #: 0H1273