

CONTROL PANEL LEGEND

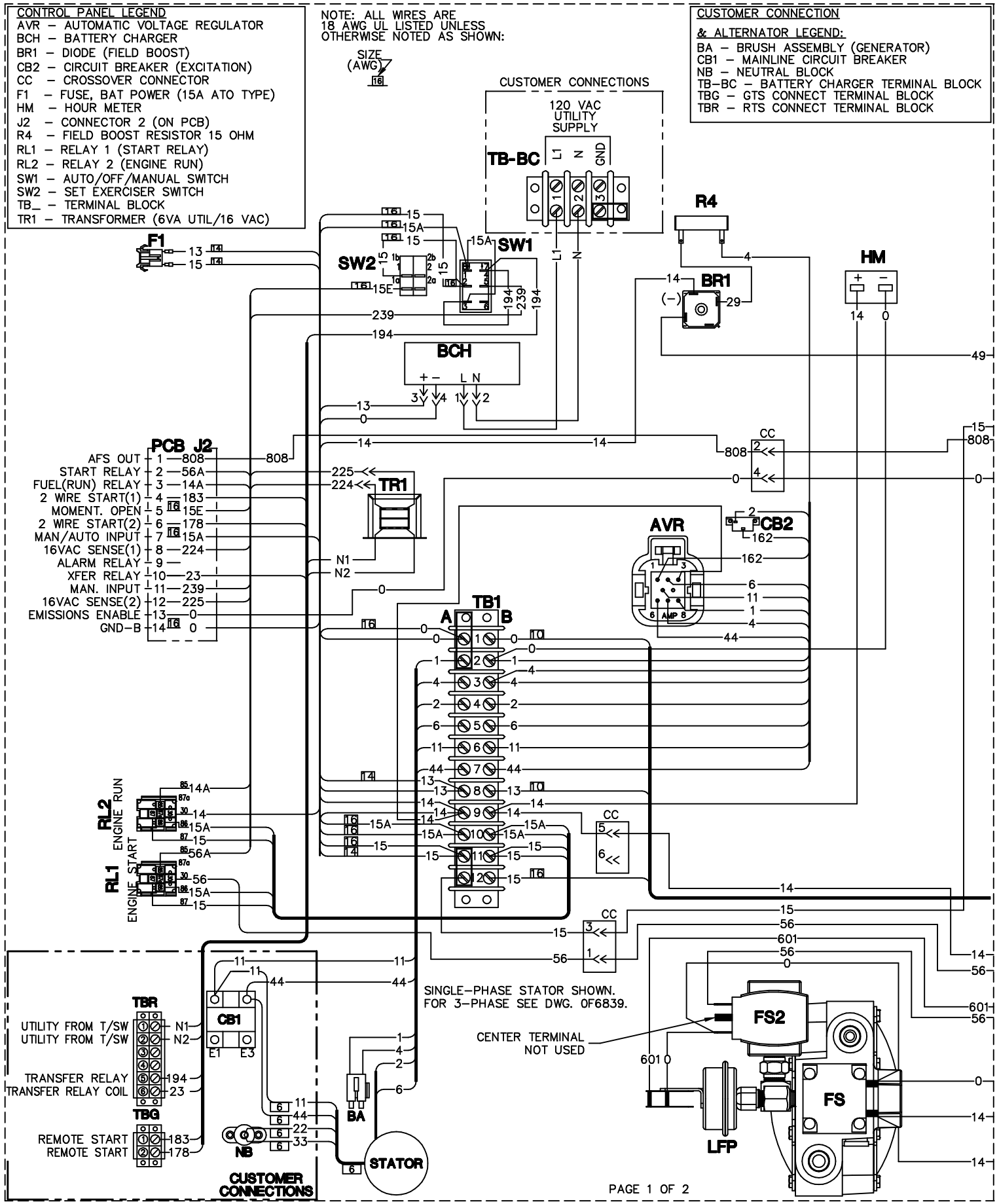
- AVR - AUTOMATIC VOLTAGE REGULATOR
- BCH - BATTERY CHARGER
- BR1 - DIODE (FIELD BOOST)
- CB2 - CIRCUIT BREAKER (EXCITATION)
- CC - CROSSOVER CONNECTOR
- F1 - FUSE, BAT POWER (15A ATO TYPE)
- HM - HOUR METER
- J2 - CONNECTOR 2 (ON PCB)
- R4 - FIELD BOOST RESISTOR 15 OHM
- RL1 - RELAY 1 (START RELAY)
- 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 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

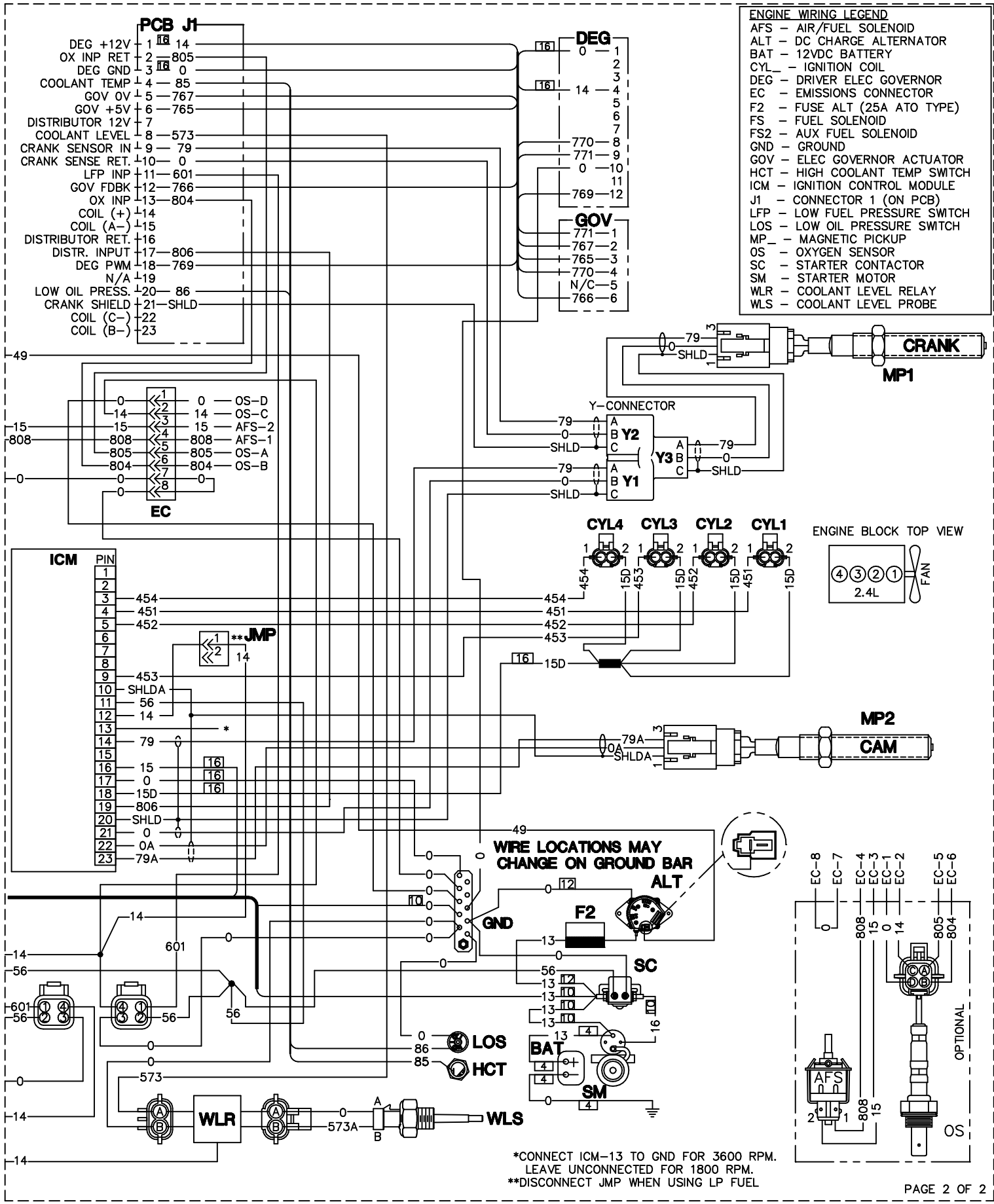


PCB J2

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

SINGLE-PHASE STATOR SHOWN.
FOR 3-PHASE SEE DWG. OF 6839.

CENTER TERMINAL
NOT USED



*CONNECT ICM-13 TO GND FOR 3600 RPM.
LEAVE UNCONNECTED FOR 1800 RPM.
**DISCONNECT JMP WHEN USING LP FUEL