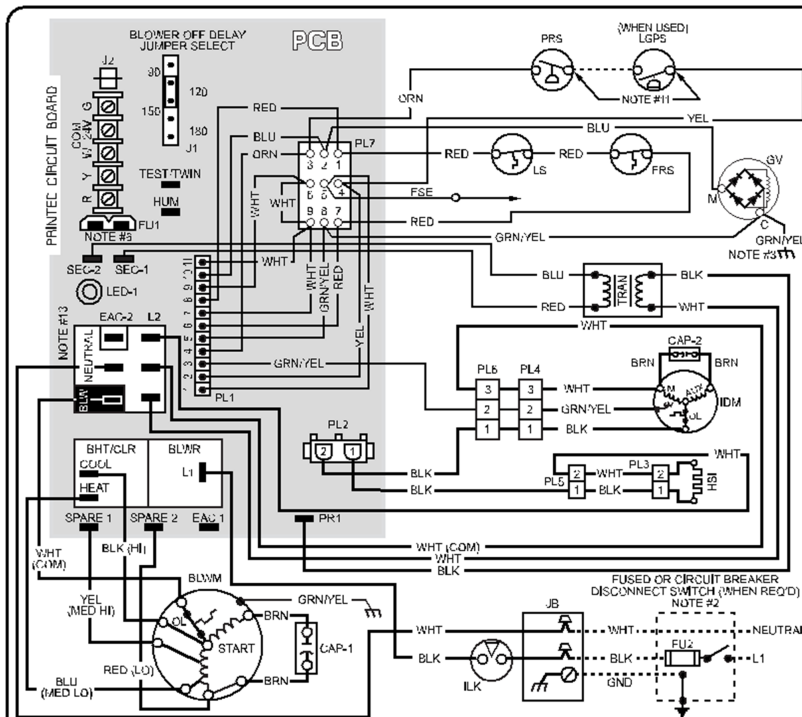
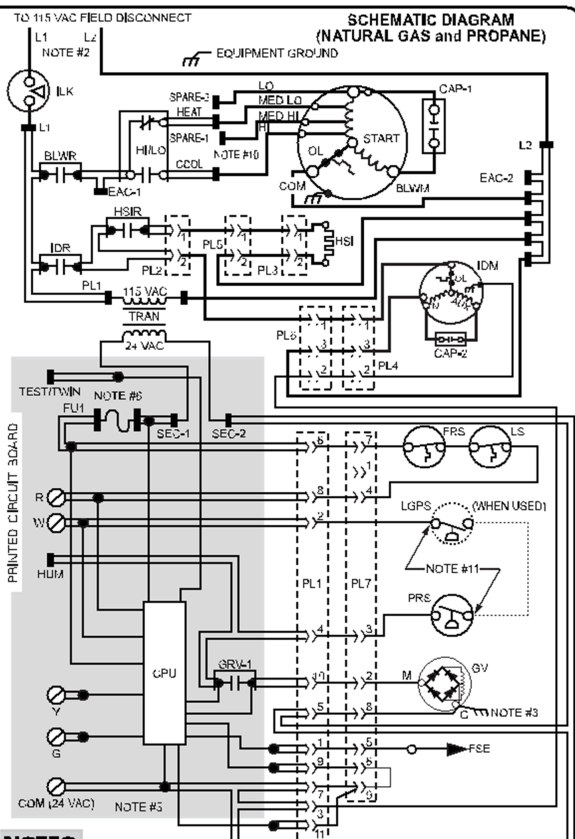




LEGEND

BHT/CLR	Blower Motor Speed Change Relay, SPDT
BLWR	Blower Motor Relay, SPST-N.O.
BLWM	Blower Motor
CAP	Capacitor
CPU	Microprocessor and Circuitry
EAC-1	Electronic 4-wire Cleaner Connection (115 VAC 15 Amp Max.)
EAC-2	Electronic 4-wire Cleaner Connection (Current)
FL	Fuse Link
FRS	Flame Rollout S/W - Manual Reset, SPST-(N.C.)
FSE	Flame-Froving Electrode
FU1	Fuse, 3 Amp, Automotive Blade Type, Factory Installed
FU2	Fuse, 1/2 Circuit Breaker, Current Interrupt Device (field installed and supplied)
GND	Equipment Ground
GV	Gas Valve - Redundant Operators
H/LQ	Blower Motor Speed Change Relay, SPDT
HSI	Hot Surface Ignitor (115 VAC)
HUM	24 VAC Hum draw Connection (5 Amp Max.)
IDM	Induced Draft Motor
IDR	Induced Draft Relay, SPST-(N.O.)
ILK	Blower Assembly Manual Interlock Switch, SPST-(N.O.)
JB	Junction Box
LED	Light-Emitting Diode for Status Codes
LGPS	Low Gas Pressure Switch, SPST (I.L.C.)
LS	Limit Switch, Auto Reset, SPST (N.C.)
OL	Auto-Reset Internal Motor Overload Temperature Switch (I.L.C.)

PCB	Printed Circuit Board
PL1	11-Circuit PCB Connector
PL2	2-Circuit PCB Connector
PL3	2-Circuit HSI Connector
PL4	3-Circuit IDM Extension Connector
PL5	2-Circuit Adapter Connector
PL6	3-Circuit Adapter Connector
PL7	3-Circuit Adapter Connector
PR1	Pressure Switch, SPST-(N.O.)
PR2	Component Test and TWIN Terminal Transformer - 115 VAC/24 VAC
TEST/TWIN	Component Test and TWIN Terminal Transformer - 115 VAC/24 VAC
TRAN	Transformer
UNMARKED TERMINAL	Unmarked Terminal
PCB TERMINAL	PCB Terminal
FABRIC WIRING (115 VAC)	Fabric Wiring (115 VAC)
FABRIC WIRING (24 VAC)	Fabric Wiring (24 VAC)
FELD WIRING (115 VAC)	Feld Wiring (115 VAC)
FELD WIRING (24 VAC)	Feld Wiring (24 VAC)
CONDUCTOR ON PCB	Conductor on PCB
FELD WIRING TERMINAL	Feld Wiring Terminal
FELD EARTH GROUND	Feld Earth Ground
EQUIPMENT GROUND	Equipment Ground
FELD SPOUSE	Feld Spouse
PLUG RECEPTACLE	Plug Receptacle



NOTES

1. If any of the original equipment wire is replaced, use wire rated for 105°C.
2. Use only copper wire between the disconnect switch and the furnace junction box (JB).
3. The wire must be connected to furnace sheet metal for junction box safety.
4. Symbols are electrical representation only.
5. Solid lines inside PCB are printed circuit board conductors and are not included in legend.
6. Replace only with 5 amp fuse.
7. Induced (IDM) and blower (BLWM) motors contain internal auto-reset thermal overload switches (OL).
8. Neutral connections are interchangeable within the NEUTRAL connector block.
9. Blower motor speed selections are for average conditions. See installation instructions for details on optimum speed selection.
10. YELLOW lead not on all motors.
11. Faulty occurred when LGPS is not used.
12. Ignition-lockout will occur after four consecutive unsuccessful trials-for-ignition. Control will auto reset after three hours.
13. Blower-OFF delay gas heating 90 seconds, cooling or heat pump 2 seconds.
14. Blower-OFF delay gas heating 90, 120, 150 or 180 seconds, cooling or heat pump 90 seconds or 5 seconds when J2 is J1.