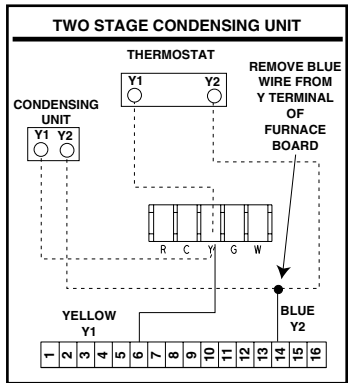
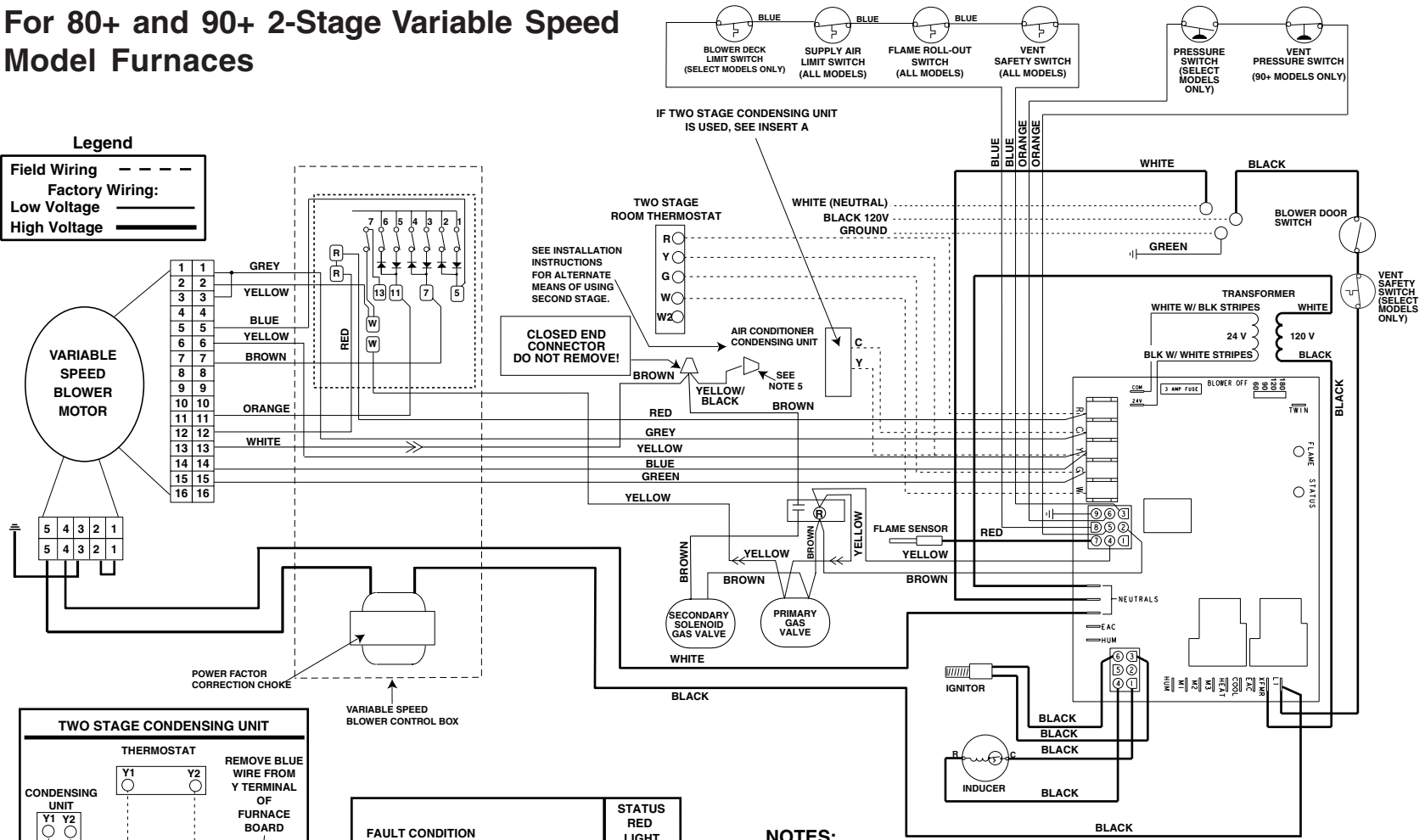


WIRING DIAGRAM

For 80+ and 90+ 2-Stage Variable Speed Model Furnaces

Legend
 Field Wiring - - - -
 Factory Wiring: _____
 Low Voltage _____
 High Voltage _____



FAULT CONDITION	STATUS
Power On	RED LIGHT ON
Limit Circuit Open or External Load on "W"	1 FLASH
Pressure Switch is Open with Inducer On	2 FLASHES
Pressure Switch is Closed with Inducer Off	3 FLASHES
Ignition Failure (Check Ground)	4 FLASHES
115 VAC & Neutral Reversed or no Ground	5 FLASHES
False Flame or Gas Valve Relay Shorted	Continuous
Power Off	OFF

FAULT CONDITION	FLAME YELLOW LIGHT
Low Flame Sensor Signal	Continuous Flash
Flame Present	ON

- NOTES:**
1. Use copper conductors only.
 2. If any of the original wire as supplied with the furnace must be replaced, it must be replaced with wiring material having a temperature rating of at least 105° C.
 3. Refer to the Installation Instructions provided with the furnace for the appropriate heating and cooling speed settings for your application.
 4. Ensure that wires from the blower remain connected to the board thermostat terminals after making the field thermostat connections.
 5. Wiring shown for 2-stage operation when using a multistage thermostat.
Warning - Remove Yellow/Black wire from primary gas valve and utilize for wiring furnace for 2-stage operation.



710375A

710375A (Replaces 7103750)