

Retrofitting an Existing System

To correctly update an existing system, be sure that the entire system is being updated. Power from the circuit breaker **MUST** be turned off before removing any existing parts. Most systems that have control stations with pilot lights must have those existing control stations replaced before bringing power to the updated system.

Use the following instructions to correctly label and remove the existing system.

- A** Label all wires before or during removal. Use the following chart to identify the wires that need labeled.

Wires to be Labeled	Wire Description
Low Voltage Switch Leg	Low Voltage Switch Leg from the Switch to the Relay
Common	Common from the Switch to the Transverter (TPS/TVR)
Common	Common from the Switch to the Transformer (PL-6)
Line Voltage Switch Leg	Wire from the Breaker to the Transverter (TPS/TVR)
Breaker	Wire from the Breaker to the Lighting Load

- B** Disconnect the Transverter (typically a TVR-1 or TPS-0120).
- C** Disconnect the line voltage from the relay (two wires from the base of the relay); many times the Hot wires are jumped together.
- D** Disconnect the low voltage from the relay (wires from the coil of the relay).
- E** Disconnect the pilot light transformer from the lighting load and control station(s). The line voltage wires connected to the pilot light transformer are no longer needed.
- F** Remove the enclosure with all the relays, transverter, and pilot light transformers disconnected. If reusing the enclosure, only remove the relays, transverter, and pilot light transformers.

