

## 2009 Ford E-Series Stop/Turn Signal Relay Wiring

### Reference Information:

Ford SVE Bulletin # Q-176 dated 12/12/08  
 InPower VCM-10 Dual Input Solid State Relay Product Data Sheet PDS-88A

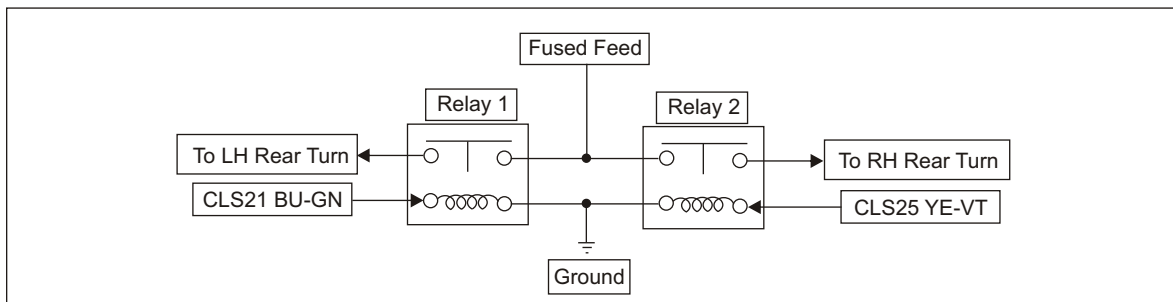
### Description:

Ford SVE Bulletin # Q-176 describes the procedure for separating the rear stop and turn/hazard lighting on the E-Series chassis. This bulletin can be found on the Ford web site [www.fleet.ford.com/truckbas](http://www.fleet.ford.com/truckbas). Click "BULLETINS" to access the referenced bulletin.

The Ford procedure describes the installation of two relays to control the Turn Lamp loads. These relays must not exceed a 250 milliamp draw on their coil circuit. As the relays in this application have a high cycling rate it is more advisable to use solid state relays due to their high reliability. The InPower Model VCM-10 Dual Input Solid State Relay is ideal as there are no moving parts to wear out. The VCM-10 contains two inputs that activate the module's +12 volt @ 15 amp output. One is a +12 volt signal and the other is a ground signal.

The turn signal circuit wiring is shown in the following two diagrams. The first diagram is the one in the Ford Q-176 bulletin (page 3). The second diagram shows the same circuit but using the InPower VCM-10 Dual Input Solid State Relays.

### Diagram A



### Diagram B

