2009 E-Series Separating STOP/TURN Lamps
Using Modified Vehicle Wiring

Models Affected
2009 Model Year E-Series

Purpose
To meet some government regulations and guidelines, it may become necessary to separate the rear stop and turn/hazard lighting. The 2009 model year E-series uses the Smart Junction Box (SJB) technology, which combines the stop and turn/hazard into a single signal to the rear lamps.

Description
This bulletin explains the location and descriptions of circuits included in the Modified Vehicle Wiring system that enable the user to separate the rear stop and turn/hazard lighting.

Procedure: Separate Rear Turn Lamps
1. Find 6-way customer access connector near brake pedal assembly (see attachment 1). Due to the 200mA current limit on these circuits, it is necessary to install relays to control the Turn Lamp load. The relays should not exceed 250mA to energize.
2. Install two relays using ckt# CLS25 YE-VT & ckt# CLS21 BU-GN customer access wires (located in customer access connector - see attachment 1) to energize the relays. See attachment 2 for typical installation method.
3. Ground each relay
4. Remove and seal rear Stop/Turn lamp wiring from OEM connector housing
5. Route relay output wiring to LH/RH rear turn lamps
6. Install fused feed (ckt# SBB68 GN-RD wire at customer access connector) to each relay to control lamp load.
7. Lamps should be grounded per manufacturer's recommendation.

Procedure – Separate Stop Lamps
1. Find 8-way customer access connector near rear of frame (see attachment 1).
2. Remove and seal current rear lamp lighting from OEM connector housing.
3. Route ckt# CCB08 VT-WT* (use circuit in cavity #3) to new stop lamp assembly.
4. Lamps should be grounded per manufacturer's recommendation.
Sample Installation for Turn Signal relays

Fused Feed

Relay 1

To LH Rear Turn
CLS21 BU-GN

Relay 2

To RH Rear Turn
CLS25 YE-VT

Ground