



# TECH TIPS

**Dixie Part Numbers:** S-1441, S-1462 and S-1449

**Applications:** 2002 Chevrolet Trail Blazer  
2002 GMC Envoy  
2002 Oldsmobile Bravada  
**Built Prior to VIN 22238123**

**Condition:**

The vehicle may exhibit one or more of the following conditions:

- Fails to start
- One or more of the electrical devices are inoperative (turn/hazard signals, interior lamps, driver information centre, radio, theft alarm, wipers, cruise, shift interlock, horn and/or key in signal).

**Cause:**

A pinched, chafed or cut wire in the steering column harness where the knee bolster bracket may have interfered with the wiring may cause this problem.

**Correction:**

- Remove the screws that hold the left insulator panel to the instrument panel (2).
- Position the insulator panel in a downward position to allow for the removal of the knee bolster.
- Remove the knee bolster panel screws (4).
- Release the clips that hold the trim panel to the instrument panel.
- Inspect the wiring harness in the lower left-hand area of the knee bolster, looking for any damaged, cut or chafed wires.
- Repair any damaged wires per the manufacturer's recommended procedures.
- Install anti-abrasion sleeve around the harness in the contact area, use tie down straps to firmly secure the sleeve in place.
- Reassemble the panels in the reverse order of above. Torque the screws to 2.5Nm (22 in lbs).