

Reference SSM66157

Models Range Rover (All New) / L405

Title Tailgate Harness Connector/Lost communications DTCs

Category Electrical

Last modified 13-Jun-2013 00:00:00

Symptom 203000 Basic Electrical

**ISSUE:** Customers may experience a variety of symptoms with their vehicle, including non start, touch screen display inoperative, windows inoperative, seats in 'inch' mode, instrument pack display, air con panel not illuminated or no response when selected.

**CAUSE:** The root cause may be poor retention of the female terminals for the MS-CAN circuits in the connector from the cabin harness to the upper tailgate harness (C44-R2). Terminals 10, 17, 18 & 21.

**ACTION:**

1. Disconnect the battery
2. Remove the panel under the glove box (3x 7mm bolts)
3. Unplug the BCM connector C2BP01A to gain access to connector C2BP01B (grey connector on BCM bottom edge)
4. Unplug the BCM connector C2BP01B (grey connector on BCM bottom edge)
5. Connect an ohm meter between pins 4 & 5 of BCM connector C2BP01B (MS CAN)
6. Check that the resistance is around 120 ohms and that the reading is stable
7. Monitor the resistance reading on the meter whilst moving connector C44-R2 (this is the upper tailgate harness to main harness at the rear of headlining, please view attachment) and the harness around (upper tailgate under headlining slightly to the right of centre) check the resistance reading remains stable and no open circuits are evident.
8. If the resistance is unstable, please replace terminal pins 10, 17, 18 and 21 of connector C44-R2 following the approved repair procedure. Use terminal part number 418 411 45 from the harness repair kit.
9. If the resistance is stable do not replace the terminals and continue diagnosis with reference to TOPIx and Symptom Driven Diagnostics
10. Please submit an EPQR for vehicles where this repair has been necessary.