

Reference	SSM69398
Models	Range Rover (All New) / L405 Range Rover Sport / L494
Title	No Communication with Chassis Control Modules after re-connecting battery.
Category	Chassis
Last modified	06-Nov-2013 00:00:00
Symptom	304000 Suspension System

Issue:

If the battery supply to the vehicle is disconnected for any reason then either or both of the Chassis Control Modules may not power up correctly. As a result, the SDD service tool will report no communication with the CHCM and/or CHCMB modules. This will only affect a small percentage of parts and on an intermittent basis.

The vehicle may also display error messages on the cluster relating to suspension and adaptive dynamics faults:

- "SUSPENSION FAULT Vehicle Lean When Cornering"
- "SUSPENSION FAULT Max Speed 30 MPH"
- "Adaptive Dynamics Fault"

The SDD tool may also log the following DTCs from modules which communicate with the CHCM and CHCMB:

13MY Range Rover L405

Modules which receive CAN messages from the CHCMB module may log the following DTC

- **U012B-00 (C12B-00)** - *Lost Communication with Chassis Control Module "B"-no sub type information*

Modules which receive CAN messages from the CHCM module may log the following DTC

- **U012A-00 (C12A-00)** - *Lost Communication with Chassis Control Module "A"-no sub type information*

14MY Range Rover L405, Range Rover Sport 14MY L494

Modules which received CAN messages from the CHCM/CHCMB module may log the following DTC

- **U0001-87 (C001-87)** - *High Speed CAN Communication Bus - missing message*

Cause:

The power up strategy currently in place for the CHCM and CHCMB can cause this concern.

Action:

To resolve the issue, fully disconnect the negative lead from the battery terminal. Wait for 5 minutes and re-connect the battery negative. Repeat this process if necessary. **Ensure that a power supply unit is NOT connected to the vehicle when doing this.** SDD should confirm communication with the CHCM and CHCMB (note: the CHCMB is optional) and cluster error messages will no longer appear.

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