

Reference	SSM75824
Models	Discovery / L462 Discovery Sport / L550 New Range Rover Evoque / L551 Range Rover / L405 Range Rover Sport / L494 Range Rover Velar / L560
Title	Chassis Control Module (CHCM) Suspension Warning on Cluster (IPC) with C105A-01 /C105B-01 DTC's
Category	Chassis
Last modified	17-Oct-2022 00:00:00
Symptom	304000 Suspension System
Content	L494, L405, L560, L550, L551 L462 18-23MY

Issue:

Suspension warning on cluster with C105A-01/C105B-01 DTC stored for Actuator Circuit Group A/B - General electrical failure.

Cause:

Software issue leading to mis-diagnosis of Isolation Switch failure.

Action:**PLEASE DO NOT REPLACE THE CHCM OR ANY OTHER PARTS**

Please check harness connections as per DTC helptext.

C105A-01 Actuator Circuit Group A – General electrical failure

Possible Causes

Fuse failure / Harness fault

- Refer to the electrical circuit diagrams and check the chassis control module air suspension power supply fuse and circuit – Circuit reference VBATT AIR – For short circuit to ground, short circuit to power, open circuit, high resistance. Repair circuit as required, clear the DTC's and retest.
- Refer to the electrical circuit diagrams and check the air suspension valve circuits for short circuit to ground, short circuit to power, open circuit, high resistance. Repair circuit as required, clear the DTC's and retest.

C105B-01 - Actuator Circuit Group B – General electrical failure

Possible Causes

Fuse failure / Harness Fault

- Refer to the electrical circuit diagrams and check the chassis control module continuously variable damper power supply fuse and circuit – Circuit reference VBATT CVD – For short circuit to ground, short circuit to power, open circuit, high resistance. Repair circuit as required, clear DTC's and retest.
- Refer to the electrical circuit diagrams and check the suspension damper solenoid circuits for short circuit to ground, short circuit to power, open circuit, high resistance. Repair circuit as required, clear DTC's and retest.

If the fault persists after the above checks, please carry out a full Power cycle. Key off and close the doors and lock the car and wait for 15 mins. This should clear the fault. Please release the vehicle back to the customer pending an imminent software fix.

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