



VCM Failure

Issue:

An issue has been identified that can cause a partial or complete failure of the VCM.

Symptoms of VCM failure include:

- No communication to any modules
- No communication to certain modules
- Spiking of the CAN network on the vehicle causing multiple warning lights

Action:

The fix involves removing pins 1 and 9 from the Data Link Cable. These pins are used for end of line testing as part of the manufacturing process and have no relevance to the performance of any diagnostic process or communication protocol for both Jaguar & Land Rover. Special tools have been developed to assist in the proper identification and removal of these two pins and are enclosed with this mailing.

- Guide Template that exposes only the pins to be removed
- Pin removal tool that slips overtop of the pin to allow the pin to be twisted off

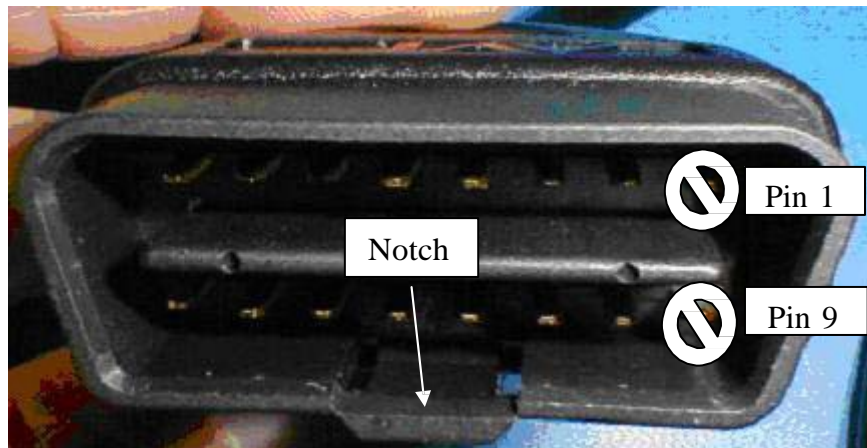
It is important that pins 1 & 9 are removed to from the Data Link Connector to ensure proper functionality of the VCM. Failure to perform this procedure can result in permanent damage to the VCM rendering it inoperative.

IMPORTANT: BEFORE PROCEEDING

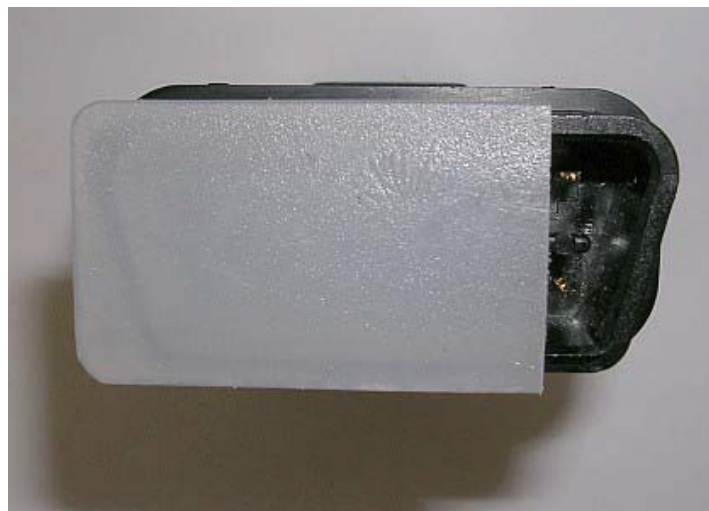
- Please read these instructions thoroughly
- Ensure the kit contains Pin Removal Tool (MS1912) and Guide Template (MS1913)
- Ensure the DLC cable is not connected to the VCM
- Failure to follow this procedure can lead to being charged for future VCM failures.

Follow the instructions below to remove the pins from the DLC cable

1. Before proceeding Index the DLC in the following manner. Make note of the Pins which require removal.



2. Locate the Guide Template and fit it onto the end of the DLC cable so that it only exposes the pin to be removed



3. Locate the Pin Removal Tool overtop of the pin 1 and twist clockwise to remove each pin, repeat for pin 9.

The picture above shows which pins will have been removed if the instructions have been followed correctly.