



Model Year 2017, 2018 - US17 GHG Common Rail Fuel System Component Electrical Faults



> Internal Content

Follow Guided Diagnostics for any of these components with associated electrical faults. However, the cause for some of these faults has been identified with terminals not locked properly in place on the VCI 1 and VCI 2 connector. The VCI connectors are located on the lower valve cover base. The plastic wire cover on the connector should be removed for better visual inspection. This is an area where special attention should be taken to inspect for an issue.

Picture below of plastic wire cover on the VCI connectors.



Examples of terminals not properly locked in the VCI connectors causing electrical faults. See pictures below



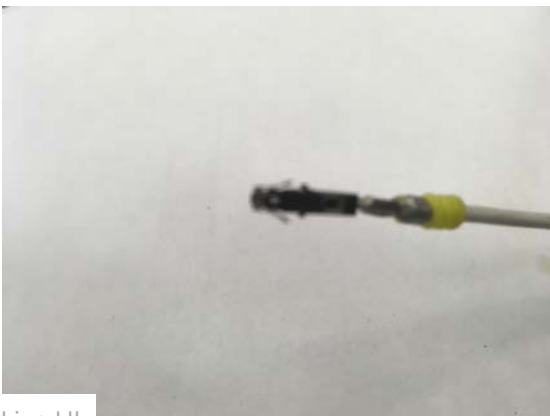
Live UI



Before attempting to remove or lock the terminal in place, take a pocket screw driver and move the yellow lock tab in the up position. See picture below.



Remove terminal completely from the VCI connector and inspect the locking tab. (see picture below) If the tabs are ok reinsert the terminal in the VCI connector and pull on wire with steady force to ensure positive lock of the terminal. Push the yellow lock tab back down when completed.



Live UI

NOTE: if terminal will **NOT** properly lock in the vci connector, the external engine harness will **NEED** to be replaced.



Tags

[k76326522](#)[mack](#)[volvo](#)

Related links and attachments

No links or attachments available



Feedback

[Give feedback](#)

to help improve the content of this article