



Mack Models

Mack Model GR-Granite , PI-Pinnacle , AN-Anthem , CHU-Pinnacle, Axle back , CXU-Pinnacle, Axle forward , GU-Granite , TD-Titan

Volvo Models

Volvo Model VNR , VNL , VHD , VAH

Engine family

Engine family Cummins , 11L Engine , 13L Engine , MP7 , MP8

Emission Standard

Emission Standard 2018 , OBD2017 , US17 , US13 OBD , US14

**** SOLUTION ****

Title Grounding Bus Bar On Frame Rail Stud; Inspection To Be Performed For Power And Ground, Data Link DTCs - **US13 And Newer Emissions, Common Model Year 2018 And Newer**

Cause The **ground star** is painted before the cables are installed causing insufficient grounding.

Solution The ground star is located on the driver's side frame rail near the battery box and fuel tank. Multiple grounds have been moved to this location. If the ground becomes loose or if it gets the protective coating in between the terminals the ground star needs to be removed, cleaned, and the protective coating needs to be reapplied.





Solution visibility [Dealer distribution](#)

Function(s)/component(s) affected

Function affected wiring harness

Function Group

Function Group 371 cables

Customer effect

Main customer effect diagnostics/methodology , efficiency/abnormal behavior , fault code/display

Conditions

Vehicle operating mode when driving , when stationary

Frequency of occurrence of problem random

Administration

Author RU4469V

Dealer ID RU4469V

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