



Volvo Models

Volvo Model VNR , VNL , VHD , VAH

Engine family

Engine family Cummins , Volvo

Emission Standard

Emission Standard 2018 , OBD2017 , US17 GHG

**** SOLUTION ****

Title Volvo Chassis - Wiring Harness Rubbing On Radiator Mounting Bolt; Adaptive Cruise Control (ACC) Forward Looking Radar Inoperative, Datalink Communication Diagnostic Trouble Codes (DTC) Lighting The Malfunction Indicator Lamp (MIL) - **US17+OBD16 And US17+OBD18 Emissions, Common Model Years 2018 And 2019**

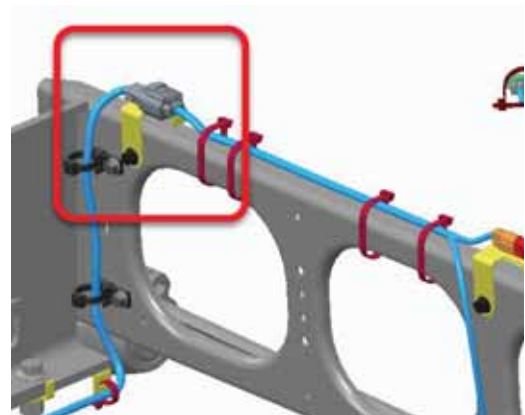
Cause The use of a mounting bracket to route the ACC radar wiring harness along the front crossmember may position it near enough to the radiator that it is able to rub one of the radiator mounting bolts, resulting in loss of function of the forward looking radar and generation of data link communication codes.

S **If a vehicle presents the symptoms described above, begin by checking for the presence of the routing bracket and fatigue to the harness in the area indicated in the pictures below (click either picture for a larger image):**

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View from front

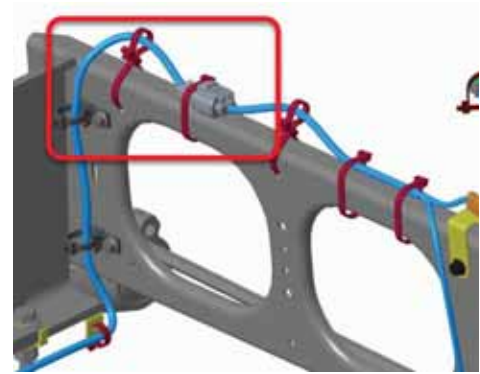


View from rear

If the bracket is found to be in place, remove the routing bracket. Secure the harness to the crossmember with a cable tie as shown below (click either picture for a larger image):



View from front



View from rear

Solution visibility [Dealer distribution](#)

Function(s)/component(s) affected

Function affected engagement , Volvo Active Driver Assist , CAN BUS J1939 / BACKBONE 1 , MID 219 - ACC Radar

Function Group

Function Group 373 cable system, front , 38 instrument; sensor; warning and information system

Customer effect

Main customer effect acceleration/speed , calibration/programming/pairing/missing operation , diagnostics /methodology , fault code/display

Acceleration/speed not regulated

Conditions

Vehicle operating mode when driving , when stationary

Frequency of occurrence of problem random

Administration

Author UT0538V

Dealer ID UT0538V

Last modified by RU4469V

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Status Published

Average score 2.5

Number of scores 2