3/31/23, 10:08 AM Article



Volvo Chassis - Unable To Program VECU: Error Code 155; Possible EMS DTC U000188 CAN **Communication Backbone 2 Net - VECU5 Only**



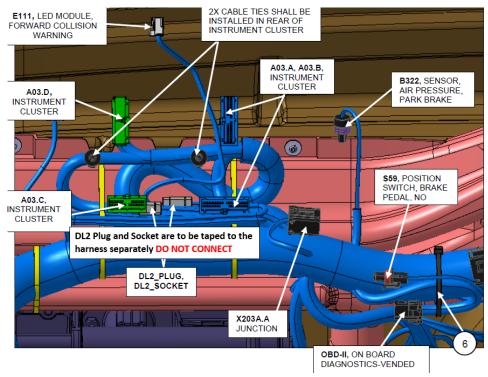
✓ Internal Content

This CBR will have to be monitored, once new cluster has been released there will need to be a revision done with dates of when the new cluster goes into production

For vehicles exhibiting these symptoms, there is an interconnect located behind the instrument panel that connects the instrument panel to the DL2 backbone. The current instrument panel does not support DL2 and when hooking it up to the DL2 there will be intermittent operations on the network.

This effects Volvo VN, VHD and VAH with variant ELS-BP+ built 1/1/2020 thru 4/19/2021

A quick way to identify if the innerconnect has been connected is to take an ohm reading between Pins 6 and 14 of the OBD diagnostic connector. If the resistance is around 40 ohms, pull the instrument cluster per 3811-03-02-10 Instrument Cluster, Replacement and see if the Deutsch two way connector has been connected. If they have, disconnect and tape each connector to the main harness separately.





error 155 u000188 programming failure volvo

dl2 data link terminating resistor

no communications with acm vecu5 40 ohm

40 ohms

Categories *

Make and Model > Volvo > VNL

Make and Model > Volvo > VNR

Make and Model > Volvo > VNX

Make and Model > Volvo > VAH

Make and Model > Volvo > VHD

Emission Standard > US17 > US17+OBD20

Emission Standard > US21 > US21+OBD20

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Vehicle System > Control Systems

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3811-03-02-10 IC Replacement



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