

**** SOLUTION ****

Title Diagnostic Trouble Code (DTC, Fault Code) MID 140 PSID 210 FMI 12, Faulty Unit or Component Present On DTC Readout; Vehicle Operation Not Affected: No Physical Symptoms Or Warning Lights In Instrument Cluster - **Model Year 2018**

Mack Models

Mack Model AN - Anthem , GR - Granite , PI - Pinnacle

Volvo Models

Volvo Model VNL , VNR , VNX , VAH , VHD

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Cause

Note that this code does not cause any physical symptoms. There is no effect to vehicle operation and this code does not set any warning lights on the instrument cluster. It will only appear on a DTC readout if one is performed. Any physical symptoms or other fault codes present should be diagnosed as normal.

Model year 2018 and 2019 vehicles may experience DTC MID 140 PSID 210 FMI 12 with a significant number of occurrences logged when a DTC readout is reviewed. It has been determined that the code is logged due to an Instrument Cluster Watchdog ECU timeout, a function embedded in the cluster's main software. It is also possible that a third party module may be causing communication interference on the J1587 Data Link.

New software has been released to address this issue. With the new software, the cluster will have an extended window of time to power down last and prevent the code from setting.

Solution

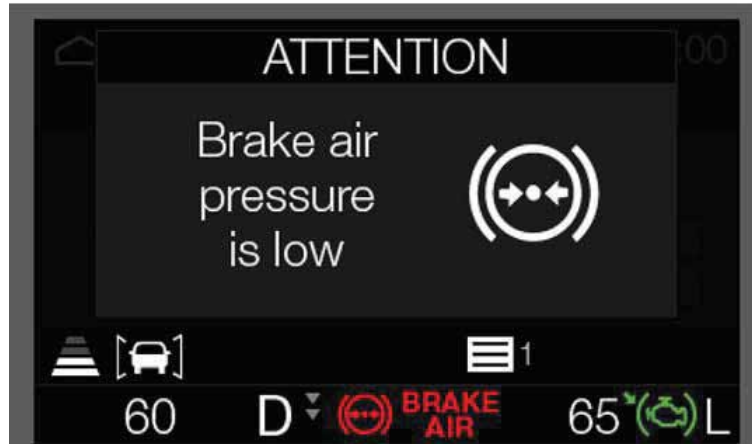
For vehicles exhibiting this issue:

1. Connect to the vehicle with Premium Tech Tool (PTT).
2. Run Operation 1700-08-03-39 Program Electronic Control Unit, located under the **Program** tab in PTT.
3. Select **Information Display (MID 140)** from the list of ECUs.
4. Make sure **Update Electronic Control Unit with latest software** is selected. Click the **Program** button in the lower right-hand corner.
5. Allow the operation to complete. Click **Exit** in the lower right-hand corner of the screen.

NOTE: This software update will also add a new function to the display. Following the

update, the Brake Air Low icon will now appear in the information display when the correct conditions are met. The new icon can be seen below.

- **This function is not related to the symptoms described for this Solution.** Driver or customer reports of this new screen may be received after performing the update, and this note is meant to advise that this is a normal function of the new software.



Internal comments (BO) Possible software issue. Waiting on Sigafos for more details.

Solution visibility Dealer distribution

Function(s)/component(s) affected

Function affected MID 140 – IC04 / IC05

Function Group

Function Group 381 combined instrument

Customer effect

Main customer effect fault code/display

Fault Codes And Error Codes

J1939 Fault Codes (MID-PID-FMI Format) MID 140 PSID 210 FMI 12

Administration

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