

**Mack Models**

Mack Model TE-TerraPro , LR , GR-Granite , PI-Pinnacle , AN-Anthem

Volvo Models

Volvo Model VNR , VNX , VNL , VNM , VHD , VAH

Engine family

Engine family Cummins

Emission Standard

Emission Standard US17 , 2018

**** SOLUTION ****

Title Cummins Powerplant - Fault Code SPN 1081 FMI 31 - Engine Wait to Start Lamp, Condition Exists - **Model Year 2018**

Cause The Engine Control Module (ECM) detected the received status of the Engine Wait to Start Lamp did not match the commanded status.

Solution Parameter settings have been updated in the latest software release, which is available to the Aftermarket as of September 2018.

If the symptoms described above are encountered on a Cummins-powered vehicle:

1. Update the software of the Instrument Cluster (MID140) to the latest version.
2. Check for proper function.

Internal comments (BO) Parameter RJR tells the cluster what message to read for the wait to start lamp. RJR is set to 3 for Cummins shut down wait to start lamp and the value is set to 1 for Mack and Volvo Engines.

Solution visibility Dealer distribution

Function(s)/component(s) affected

Function affected MID 140 – IC04 / IC05 , starting

Function Group

Function Group 30 general, complete vehicle software

Customer effect

Main customer effect calibration/programming/pairing/missing operation , stop/start

Lights/Messages on information display LEDs

Conditions

Vehicle operating mode on start-up

Administration

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Last modified by	RU4469V
Creation date	01-11-2018 21:11
Date of last update	04-12-2018 20:12
Review date	01-11-2019 00:11
Status	Published
NA_Reviewer	UT03527