

**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

---

Author UT03527

---

Dealer ID UT03527

---

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

---