



**\*\* SOLUTION \*\***

Title Mack Chassis - **Equipped With A Cummins Engine** - Engine Preheat Icon Does Not Illuminate In The Instrument Cluster (IC) During Engine Pre-heat (Intake Air Heater) Operation - **Vehicles With 2018 Instrument Cluster Update, Model Year 2018 And Newer**

**Mack Models**

**Mack Model** AN - Anthem , CHU - Pinnacle, Axle back , CXU - Pinnacle, Axle front , GR - Granite , GU - Granite , PI - Pinnacle

**Volvo Models**

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

**Engine family**

Engine family Cummins

**\*\* SOLUTION \*\***

**Cause** In Cummins-powered vehicles with the new instrument cluster design, the Preheat Icon may not illuminate during engine preheat operation, providing no indication to the driver that the function is active.

The icon may not illuminate due to a parameter missing from the Instrument Cluster (IC) module.

**Solution** If the Preheat Icon does not illuminate while Engine Preheat is active as shown below:



**A. Update Instrument Cluster Software (SW) to enable the parameter.**

1. In Premium Tech Tool (PTT), run Operation [1700-22-03-06 Accessory Kit](#). The operation can be found under the Program tab.
2. When prompted, enter Accessory Kit Number [85153771](#).

3. Press the Program button in the lower right-hand corner of the screen.
4. Allow the programming operation to complete.

## B. Set Vehicle (System) Date And Time.

1. Run PTT Operation [1700-22-03-02 System Date and Time](#). The operation can be found under the Program tab.
2. More information can be found in CBR Solution [K11533602](#).

Solution visibility	<a href="#">Dealer distribution</a>
<b>Function(s)/component(s) affected</b>	
Function affected	18 1 0 IC , MID 140 – IC04 / IC05 , Intake pre-heater
<b>Function Group</b>	
Function Group	381 combined instrument
<b>Customer effect</b>	
Main customer effect	calibration/programming/pairing/missing operation , visual appearance
Visual appearance	part lost/missing function
<b>Conditions</b>	
Vehicle operating mode	when activating
Frequency of occurrence of problem	always
Engine temperature	cold
<b>Administration</b>	
Author	A241298
Dealer ID	A241298
Last modified by	RU4469V
Creation date	24-07-2018 16:07
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