



Solution

Title (customer effect)

Sensor And Parameter Values Missing Or Reading Zero When Performing A Sensor And Parameter Values Monitor With Premium Tech Tool (PTT) - US07 And US10 (Pre-OBDII, 9-Pin Diagnostic Connector) Chassis

Cause

Sensor and parameter values may not register in PTT when attempting to record or monitor a road test or regeneration.

Solution

Overview

When connected to a chassis and monitoring sensor and parameter values, most values are reading zero or " - " in the data. Some values such as Vehicle Speed, Intake Temperature, and Engine Speed may register correctly at the same time that the rest are not.

Resolution

This issue is an internal problem in Premium Tech Tool version 2.6.*. The problem is likely in the process for loading the template itself. It has been found that if parameters are manually selected from the Test screen, the parameters reading zero will start registering values again.

If this situation is encountered, refer to the correct document located in the [Parameter Lists CBR Solution](#) for the complete set of parameters for each type of road test.

If manual parameter selection does not fix the issue, it may be necessary to revert a PC back to PTT version 2.5 in order to complete diagnostic work. Prior to contacting IT, check if a CD with version 2.5 is available. Using the CD to install the bulk of the program will save time. Updates will have to be performed once 2.5 is installed. If a disc is not available, the IT Help Desk will need to be contacted for assistance at 877.978.6586.

Note: Version 2.6 will need to be removed from the computer before running the 2.5 installation

If these conditions are observed on an OBDII chassis (Chassis equipped with a 16-pin diagnostic connector), diagnostics for communication issues will need to be followed.

Internal comments (FO)

Fix is currently expected with release of 2.6.45. No ETA on version release.

Solution visibility

Dealer distribution

Function(s)/component(s) affected

Function affected

Documentation , 2 1 0 ACM , MID 128 – EMS , MID 130 – TECU , MID 140 – IC04 / IC05 , MID 144 – VECU , Diagnostic tool

Function Group

Function Group	254 catalytic converter; exhaust emission control equipment , 258 emissions after-treatment , 284 control system, fuel supply , 3 electric power supply; lighting; instruments; software; warning and information system
Customer effect	
Main customer effect	calibration/programming/pairing/missing operation , diagnostics/methodology , fault code/display
Conditions	
Vehicle operating mode	when driving , when stationary
Frequency of occurrence of problem	always
Administration	
Author	RU4469V
Dealer ID	RU4469V
Last modified by	RU4469V
Creation date	28-11-2017 22:11
Date of last update	22-02-2018 22:02
Review date	10-01-2018 00:01
Status	Published
Average score	2.5
Number of scores	2
NA_MACK_Vehicle_Range	
NA_MACK_Vehicle_Range	Cabover , Conventional
NA_VOLVO_Vehicle_Range	
NA_VOLVO_Vehicle_Range	Conventional
Engine family	
Engine family	Volvo , Mack
Emission Standard	
Emission Standard	US04 , US07 , US10