



Solution

Title (customer effect) Diagnostic Tool (J-Pro, Premium Tech Tool (PTT)) Displays Incorrect Timestamp For Diagnostic Trouble Code (DTC) / Fault Code Occurrences; System Date And Time Information

Cause Diagnostic Trouble Codes or Fault Codes may log with the incorrect timestamp (time stamp) when an occurrence sets. Date is commonly displayed as year 1752 for Powertrain module timestamps and 2008 for Chassis modules, but may be another, earlier year.

Solution

Overview

Incorrect time and date timestamps are caused when the Vehicle Date and Time are not set or set incorrectly. The Vehicle Date and Time are stored in the Instrument Cluster (MID 140) and are separate from the Display Date and Time, which is visible on the Driver Information Display (DID).

Multiple modules have internal clocks that compare values with the Vehicle value. **Incorrect Vehicle Date and Time can result in conflicts between Control Modules, resulting in possible faults/codes. Examples are: Data Link DTCs, P2080, P2094 and P242B**

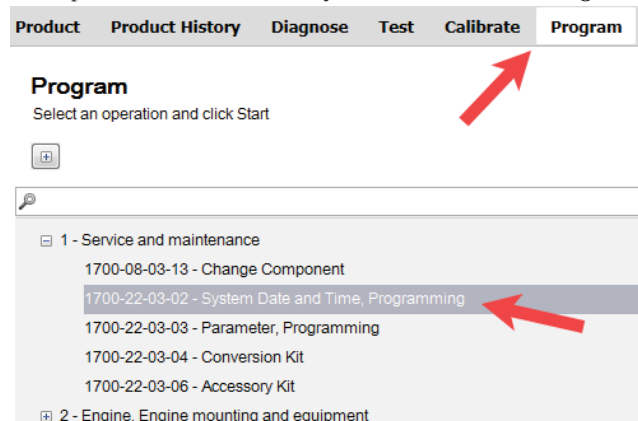
If the Instrument Cluster is programmed, the System Date and Time are cleared in many cases and need to be re-entered. System Date And Time will need to be checked after programming the Cluster using the programming operations described below.

Repair

- **Program the System Date and Time**

- **For Pre-OBD (US07 and US10):**

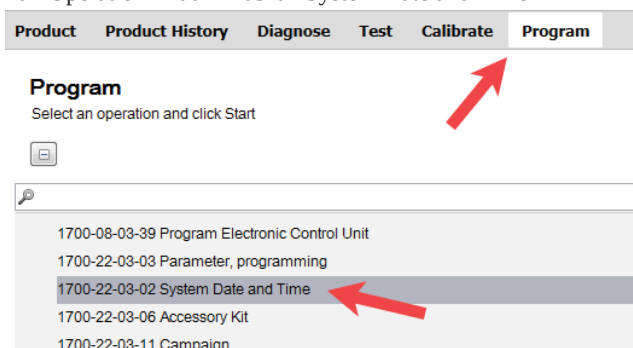
- Run Operation 1700-22-03-02 System Date and Time, Programming



• **Note:** If the computer date and time is used (preferred method to manual entry), ensure that computer date and time are correct

• **For OBD (US13 and newer):**

• Run Operation 1700-22-03-02 System Date and Time



• **Note:** If the computer date and time is used (preferred method to manual entry), ensure that computer date and time are correct

Internal comments (BO)	Time stamp
Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	1 1 0 EMS , 2 1 0 ACM , 18 1 0 IC , MID 128 – EMS , MID 140 – IC04 / IC05 , MID 144 – VECU , EECU , VECU , Diagnostic tool
Function Group	
Function Group	284 control system, fuel supply , 381 combined instrument , 383 speedometer; trip meter; hour counter; clock
Customer effect	
Main customer effect	calibration/programming/pairing/missing operation , diagnostics/methodology , fault code/display
Lights/Messages on information display	- - - , - - / - -
Fault code(s)	
OBD 2013 Diagnostic Trouble Codes	P2049 , P2080 , P242B , U3017
Conditions	
Vehicle operating mode	on start-up , when driving , when stationary
Frequency of occurrence of problem	random
Other conditions	after a workshop procedure on the vehicle
Administration	
Author	RU4469V
Dealer ID	RU4469V
Last modified by	RU4469V

Creation date	01-11-2017 16:11
Date of last update	16-01-2018 14:01
Status	Published
Average score	5
Number of scores	1
NA_MACK_Vehicle_Range	
NA_MACK_Vehicle_Range	Cabover , Conventional
NA_VOLVO_Vehicle_Range	
NA_VOLVO_Vehicle_Range	Conventional
Engine family	
Engine family	Cummins , Volvo , Mack