



System Date And Time, Information; Diagnostic Tool (J-Pro, Premium Tech Tool (PTT)) Displays Incorrect Timestamp For Diagnostic Trouble Code (DTC) / Fault Code Occurrences, Possible Data Link Codes Present - US07 And Newer Emissions, Common Mod



> Internal Content

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**

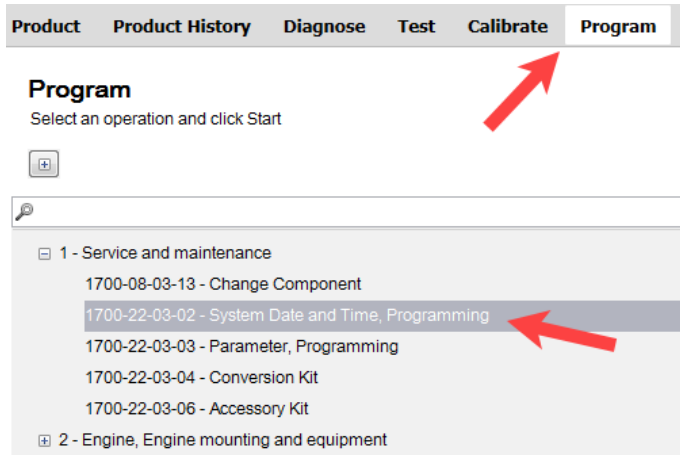
If the Instrument Cluster is programmed, the System Date and Time are cleared in many cases and need to be re-entered. System Date And Time will need to be checked after programming the Cluster using the programming operations described below.

Repair

A. Program the System Date and Time

- For Pre-OBD (US07 and US10 Emissions, Model Years 2008 to 2013 with a 9-pin diagnostic connector):

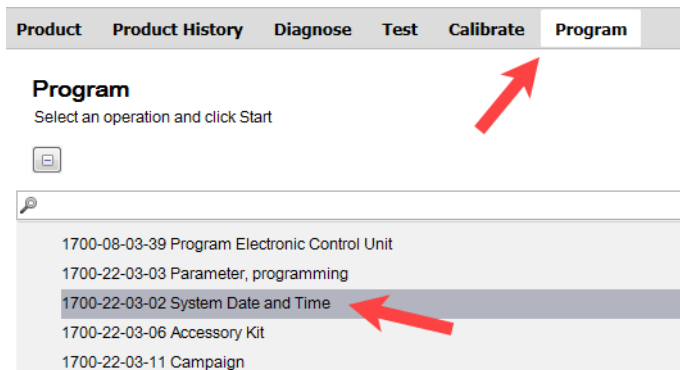
1. Run Operation [1700-22-03-02 System Date and Time, Programming.](#)



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

- For OBD (US10+OBD13 Emissions, Model Years 2014 and newer with a 16-pin diagnostic connector:

1. 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

 Tags

- [p204900](#)
- [p208064](#)
- [p242b64](#)
- [mid 140](#)
- [k11533602](#)
- [p2049-00](#)
- [p2080-64](#)
- [p242b-64](#)
- [cu15](#)
- [cu12 cng](#)
- [cu9 cng](#)
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Related links and attachments

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System Date and Time, Programming

This operation makes it possible to check and configure the vehicle system time and date setting as well as the time and date that is displayed to the operator.

Vehicle System Date/Time
The Vehicle System Date/Time is the date and time that the system uses for various functions such as the timestamping of fault codes.

Display Date/Time
The Display Date/Time is the date and time value that is displayed on the instrument cluster. The vehicle operator can set this date/time value with use of the instrument cluster control switches.

Read off the date/time
The current value of the Vehicle system date/time or the Display date/time can be read off. Select the date/time that is to be read off in the upper part (vehicle system date/time or display date/time) and then select Read off date/time in the central part of the window. Click on the start button or press Ctrl + space to read off the set date/time. The current setting for date and time for the selected date/time type is displayed in the lower part of the window.

Setting the Date and Time
There are two ways to set the time and date:

Adjust the time setting according to the computer clock (recommendation):
If you wish to adjust the vehicle system date/time or the display date/time to the date and time on the computer in use, select the date/time category to be set in the upper part, select Replace with computer date/time and click on the start button or press Ctrl + space.

Note: The date/time setting of the computer is displayed in the lower section of the window (Computer Date/Time).

Manually edit Date/Time:
To set the Vehicle System Date/Time or the Display Date/Time to a value other than what is set in the computer being used, select the date/time category to be set in the upper section and select Manually edit Date/Time. Enter the desired value for the date and time in the appropriate fields and click the start button or press Ctrl+spacebar.

Vehicle System Date/Time
 Display Screen Date/Time

Read out Date/Time
 Replace with computer Date/Time
 Manually edit Date/Time

Vehicle System Date/Time

Computer Date/Time
2/28/2022 1:28 PM