



STAR ONLINE PUBLICATION



Case Number: S2318000001

Release Date: January 2023

Symptom/Vehicle Issue: Diagnostic Trouble Code (DTC) P1400 – Aftermarket Calibration Detected/Warranty Coverage Confirmation Required, Setting Falsely.

Discussion: Several reports have been received of DTC P1400 being set in the Powertrain Control Module (PCM). This DTC may be setting falsely on vehicles that have not had any unauthorized aftermarket software installed.

If the technician encounters a vehicle with the above DTC, please perform the following repair procedure to verify that the DTC was falsely set before proceeding.

Repair Procedure:

1. Perform a thorough inspection of the vehicle and inspect for signs of having any aftermarket programmers installed on the vehicle.
2. Using wiTECH, obtain a current ECU Details Report and note the “Number of Reprogramming Attempts” counter in the PCM Details. Verify the number of reprogramming attempts matches closely to warranty records for the number of times the PCM calibration has been updated.
3. Reprogram the PCM with the latest available calibration. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application’s “HELP” tab. If the PCM calibration is already up to date, over flash the PCM with the current programmed calibration.
4. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.



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5. Cycle the ignition off for approximately 2-5 minutes.
6. Start the vehicle and drive it for approximately 10 minutes.
7. Using wiTECH, check for any DTCs that have reset. Did DTC P1400 reset?
 - a. Yes>>> This document no longer applies. Follow normal published diagnosis for the DTC and repair as necessary.
 - b. No>>> The DTC was set falsely. No further repairs are recommended at this time. The concern is currently under investigation.

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