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Case Number: S2523000096

Release Date: December 2025

Symptom/Vehicle Issue: CEL (Check Engine Lamp)/ Brake lamp Illuminated.
Diagnostic Trouble Code (DTC) P083F- Clutch Pedal Position Sensor Performance.

Discussion:

<<<NOTE>>> THE POWERTRAIN CONTROL MODULE (PCM) - CLUTCH PEDAL LEARN PROCEDURE MUST BE PERFORMED ANY TIME A PCM IS REPLACED.

****THE LEARN ROUTINE WILL ONLY BE DISPLAYED IN PCM MODULES THAT SUPPORT THE REQUIREMENT. HOWEVER, FAILURE TO PERFORM THE PEDAL RELEARN WILL RESULT IN THE SETTING OF OTHER CLUTCH PEDAL DIAGNOSTIC CODES. Ex: P080A – CLUTCH POSITION NOT LEARNED.**

Please follow the below procedure when DTC P083F is set.

1. Disconnect both the batteries.
2. Perform a module reset to the PCM.
3. Check and flash the PCM with the latest available software.
4. Record and then clear all DTCs
5. Perform a two 5-minute key off cycle.
6. Perform a clutch pedal position sensor learn routine followed by another two 5-minute key off cycle. (Make sure the rubber bump stop is removed, no floor liner in the way.)

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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Make sure to move the pedal slow and deliberately during the learn procedure.)

7. Perform another clutch replacement EEPROM reset followed by another two 5-minute key off cycle.

<<<NOTE>>> If recent repair work was performed- ensure all pedal bracket screws are installed and properly torqued.

If after completing the clutch pedal relearn the DTC returns or any other DTCs set, continue with the normal DTC diagnostics in Service Library (SL).

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