

June 25, 2025

Version 1

MIL Comes On With DTC P0139

APPLIES TO

Year	Model	Trim Level	VIN Range
2017	Accord Hybrid	ALL	ALL

SYMPTOM

The MIL comes on with DTC P0139 (secondary heated oxygen sensor slow response).

POSSIBLE CAUSE

The ECM/PCM misinterprets the secondary heated oxygen sensor output and sets DTC P0139.

CORRECTIVE ACTION

Update the PGM-FI software using i-HDS, then clear ALL-DTC's.

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255D8	Update the PGM-FI Software (includes DTC clear)	0.2hr	03265	03203	A25040A	37805-5K1-A75

TOOL INFORMATION

Part Name	Part Number	Quantity
iHDS and Honda approved VCI	BSEHAC001	1
Midtronics DCA-8000 Dynamic Diagnostic Charging system, or Associated Equipment Corporation ESS6100 100A Smart Charger	MTRDCA8000PA	1

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

SOFTWARE INFORMATION

i-HDS Software

- Version 1.010.011 or later

HDS Software

- Version 3.105.036 or later

Honda ECU Reprogramming

- Version 4.7.0.0 or later

Programming ID

- 37805-5K1-A77 or later

SOFTWARE UPDATE PROCEDURE

NOTICE:

- **Do not** use the MongoosePRO VCI for this service bulletin as it may damage the ECU and is not an American Honda-approved device.
- To prevent control unit damage, **do not** operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.

NOTE:

- Update only the systems and software listed in this service bulletin.
 - Unnecessary or incorrect repairs resulting from a failure to update the diagnostic and reprogramming software are not covered under warranty
 - Make sure the 12-volt battery is fully charged before starting an update.
 - Connect the Midtronics GR8-110P AST in Power Supply Mode, or the Midtronics DCA8-8000 Dynamic Diagnostic Charging System in Reflash Mode, or the Associated Equipment Corporation ESS 6100 100A Smart Charger in Power Supply Mode | DIAG+, directly to the vehicle's 12-volt battery. Leave it connected during the entire procedure to maintain a steady voltage.
 - **Do not** use a lithium-ion jump pack to supply power due to the pulses of high amperage that do not provide consistent power to the battery.
 - Control module failure caused by the improper completion of a software update (early key cycle, low battery voltage, disconnected DLC cable, etc.) is not covered by warranty.
 - If an error occurs during the update or the i-HDS freezes, reboot the i-HDS and start over. **Do not** disconnect the battery or turn the ignition to OFF.
 - Warranty reimbursement for technician labor is not allowed for routine checking/installation of any available software update.
 - This update will not require entering a service bulletin number.
1. Update the PGM-FI software using the ECU Reprogramming Application with the DST-i. Refer to service bulletin [22-100, Updating Control Units/Modules with the ECU Reprogramming Application](#).
 2. Do an **ALL-DTC CHECK** to clear any codes that may have set during the update