



Product Update: ECM Update to Improve DTC P1420 and P2000 Detection Threshold

BACKGROUND

When the NOx adsorptive catalytic converter is hot, the PGM-FI software can misinterpret the signal from the secondary heated oxygen sensor, and may incorrectly indicate that the catalytic converter is deteriorated. The software update improves the accuracy of the catalyst deterioration detection.

NOTE: American Honda is also extending the warranty on the secondary and third heated oxygen sensors. For more information, refer to Service Bulletin 11-044, *Warranty Extension: Secondary and Third Heated Oxygen Sensors*.

CUSTOMER NOTIFICATION

All owners of affected vehicles will be sent a notification of this product update. An example of the customer notification is at the end of this service bulletin.

Do an **iN VIN status inquiry** to make sure the vehicle is shown as eligible.

In addition, check for a punch mark **below** the fifth character of the engine compartment VIN. A punch mark in that location means this product update has already been completed.

Some vehicles affected by this campaign may be in your used vehicle inventory. Repair these vehicles before they are sold.

Should a dealership sell an unrepaired vehicle that subsequently causes an injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims. To see if a vehicle in inventory is affected by this campaign, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Update the PGM-FI software.

SOFTWARE INFORMATION

HDS Software Version: 3.001.009 **or later**

HDS Control Module (CM) Update:
 Database Update 27-JUL-2011 **or later**

NOTE: To avoid an incorrect repair that would not be covered under warranty, use the software version listed above or a later version.

The updated PGM-FI software program IDs and P/Ns are listed below. If the HDS or MVCI is loaded with the latest software, and it displays **No Update Needed** during the update, the software for this service bulletin is already installed.

Year/Model/Trans	Program ID (or later)	Program P/N (or later)
2003 Civic Hybrid M/T	ZA3270	37805-PZA-327
2003 Civic Hybrid CVT	ZA3280	37805-PZA-328
2004 Civic Hybrid M/T	ZA4280	37805-PZA-428
2004 Civic Hybrid CVT	ZA4290	37805-PZA-429
2005 Civic Hybrid M/T	ZAA170	37805-PZA-A17
2005 Civic Hybrid CVT	ZAA660	37805-PZA-A66

WARRANTY CLAIM INFORMATION

NOTE: **Do not** submit a warranty claim for 2003–05 Civic Hybrid PZEV (KL) vehicles. These models are not affected by this product update.

Operation Number: 1255A2

Flat Rate Time: 0.2 hour

Failed Part: P/N 37820-PZA-317

Defect Code: 5LN00

Symptom Code: R8300

Skill Level: Repair Technician

REPAIR PROCEDURE

1. Update the PGM-FI software. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*.
2. Center-punch a completion mark **below** the fifth character of the engine compartment VIN:

2HME\$9XXXXXXXXXX

Center-punch here.

3. **For California Residents Only:** Fill out a Vehicle Emissions Recall - Proof of Correction certificate, and use **R83** as the recall number. Give the certificate to your customer, and advise him or her to keep it as proof that the product update was completed. Your customer will need to submit the certificate to the DMV only if the DMV requests it. If you need more certificates, use reorder number **Y0657**.

Example of Customer Letter

September 2011

Product Update: ECM Update to Improve DTC P1420 and P2000 Detection Threshold

Dear Civic Hybrid Owner:

This letter is to notify you of a potential problem with your vehicle and what you should do to resolve it.

What is the problem?

Your vehicle's engine control module (ECM) can misinterpret readings from various sensors. If this happens, the check engine light on the instrument panel may stay on.

What should you do?

Contact any authorized Honda dealer for an appointment to have your vehicle's software updated. The dealer will update the software in the ECM. This work will be done *free of charge*. Please plan to leave your vehicle at the dealer for half a day to allow them flexibility in scheduling.

California Residents - After doing the update, your dealer will give you a Proof of Correction certificate. Keep this certificate for your records as proof that the product update was completed. Submit the certificate to the DMV only if the DMV requests it.

What to do if you feel this notice is in error

Our records show that you are the current owner or lessee of a 2003–05 Civic Hybrid involved in this campaign. If this is not the case, or the name/address information is not correct, please complete, sign, and return the enclosed, postage-paid Information Change Card. We will then update our records.

If you previously paid to have the catalytic converter replaced, you may be eligible for reimbursement. Refer to the attached Instructions for Reimbursement for the eligibility requirements and the reimbursement procedure.

Lessor Information

If this is a leased vehicle, and you are the lessor/registered owner, please forward a copy of this notice to the lessee.

If you have questions

If you have questions about this notice, or need help contacting a Honda dealer, please call Honda Automobile Customer Service at (800) 999-1009, and select option 4.

We apologize for any inconvenience this product update may cause you.

Sincerely,

American Honda Motor Co., Inc.
Honda Automobile Division

August 17, 2011

Dear Service Manager:

Honda has announced a product update campaign for certain 2003-05 Civic Hybrids. When the NOx adsorptive catalytic converter is hot, the PGM-FI software can misinterpret the signal from the secondary heated oxygen sensor, and may incorrectly indicate that the catalytic converter is deteriorated. The software update improves the accuracy of the catalyst deterioration detection.

Repair Strategy

The repair is to update the PGM-FI software. For update, software, and warranty information, refer to Service Bulletin 11-043, *Product Update: ECM Update to Improve DTC P1420 and P2000 Detection Threshold*.

Some vehicles affected by this campaign may be in your used vehicle inventory. **These vehicles must be updated before they are sold or leased.** To see if a vehicle is affected by this campaign, do a VIN status inquiry before selling it, leasing it, or returning it to a service customer. In addition, check for a punch mark below the fifth character of the engine compartment VIN. A punch mark in that location means the vehicle has already been repaired.

Customer Notification

Customers will be sent a notification of this campaign in September 2011.

Parts Information

No parts are required as this is a software update.

Sincerely,

American Honda Motor Co., Inc.
Honda Automobile Division