



Applies To: **2003–05 Civic Hybrid ULEV (KA) – ALL**
2002–06 Insight With M/T – ALL

June 15, 2007

Product Update: MIL Comes On With DTC P0420, P1420, or P2000

BACKGROUND

The PGM-FI software can misinterpret sensor inputs as a deteriorated three-way catalytic converter or deteriorated NOx adsorptive three-way catalyst. If this happens, the MIL comes on with these DTCs:

- **2003 Civic Hybrid ULEV - DTC P1420** (NOx adsorptive catalyst efficiency below threshold)
- **2004–05 Civic Hybrid ULEV - DTC P2000** (NOx adsorptive catalyst efficiency below threshold)
- **2002–03 Insight M/T - DTC P0420** (TWC catalyst system efficiency below threshold), or DTC P1420 (NOx adsorptive catalyst efficiency below threshold), or both.
- **2004–06 Insight M/T -DTC P2000** (NOx adsorptive catalyst efficiency below threshold)

VEHICLES AFFECTED

NOTE: This product update campaign **does not** apply to 2003–05 Civic Hybrid PZEV (KL) vehicles.

Not all vehicles within the affected model years are affected by this product update. To verify vehicle eligibility, **you must** check for at least one of these items:

- The customer has a notification letter.
- The vehicle is shown as eligible on a VIN status inquiry.

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

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.

CORRECTIVE ACTION

Update the PGM-FI software with the HDS.

SOFTWARE INFORMATION

HDS Software Version: 2.009.007 (Brown CD) **or later**.

NOTE: An incorrect HDS software version may indicate that the vehicle does not need an update.

The updated PGM-FI software program IDs and P/Ns are shown below. If any of these, **or later** program IDs, are the Current Program IDs displayed during the update, the software for this product update is already installed in the vehicle.

Year/Model/Trans	Program ID	Program P/N
2003 Civic Hybrid M/T	ZA3170	37805-PZA-317
2003 Civic Hybrid CVT	ZA3180	37805-PZA-318
2004 Civic Hybrid M/T	ZA4180	37805-PZA-418
2004 Civic Hybrid CVT	ZA4190	37805-PZA-419
2005 Civic Hybrid M/T	ZAA160	37805-PZA-A16
2005 Civic Hybrid CVT	ZAA650	37805-PZA-A65
2002–03 Insight M/T	HM4050	37805-PHM-405
2004 Insight M/T	HM4060	37805-PHM-406
2005 Insight M/T	HM4070	37805-PHM-407
2006 Insight M/T	HM4080	37805-PHM-408

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: 125517

Flat Rate Time: 0.3 hour

Failed Part: P/N 37820-PZA-308
H/C 8182693

Defect Code: 5PF00

Symptom Code: Q4900

Template ID: 07-036A

Skill Level: Repair Technician

REPAIR PROCEDURE

1. Update the ECM/PCM with the HDS and software version 2.009.007 **or later**. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*.
2. Center-punch a completion mark **below** the first character of the engine compartment VIN:

JHMES9XXXXXXXXXXXX



Center-punch here.

3. **For California Residents Only:** Fill out a *Vehicle Emissions Recall - Proof or Correction* certificate, and use **Q49** 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

July 2007

Product Update: Check Engine Light Stays On

Dear Civic Hybrid or Insight 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 main computer control module (the 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 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 or a 2002–06 Insight involved in this product update. If this is not the case, or the name/ address information is not correct, please fill out and return the enclosed, postage-paid *Information Change Card*. We will then update our records.

If you paid to have your vehicle's catalytic converter(s) replaced sometime in the past, you may be eligible for reimbursement. Refer to the attached *Instructions for Reimbursement* for eligibility requirements and the reimbursement procedure.

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.

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

Sincerely,

American Honda Motor Co., Inc.
Honda Automobile Division