


 Applies To: **2000-01 Insight** – ALL With M/T

November 7, 2007

Product Update: MIL Comes On With DTC P0420

 (Supersedes 07-038, *MIL Comes On With DTC P0420*, dated June 16, 2007, to update the information marked by the black bars)

BACKGROUND

The PGM-FI software can misinterpret sensor inputs as a deteriorated three-way catalytic converter. If this happens, the MIL comes on with DTC P0420 (TWC catalyst system efficiency below threshold).

CUSTOMER NOTIFICATION

Before this service bulletin became a product update (from June 16 thru November 6, 2007), some vehicles were repaired with ECM P/N 37820-PHM-355 or P/N 37820-PHM-326. Owners of these vehicles will receive a notification that their vehicles are already repaired and no further action is needed. All owners of vehicles still needing repair will be sent a notification of this product update. Both customer notifications will include reimbursement information for previously replaced catalytic converters. An example of each customer notification is at the end of this service bulletin.

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.

CORRECTIVE ACTION

Replace the ECM.

PARTS INFORMATION

Engine Control Module (2000 Insight):
P/N 37820-PHM-505, H/C 8813602

Engine Control Module (2001 Insight):
P/N 37820-PHM-506, H/C 8813610

WARRANTY CLAIM INFORMATION

OP#	Description	FRT
121100	Replace the ECM.	0.3
123503	Download/upload the ECM immobilizer transponder codes.	0.3

Failed Part: P/N 37820-PHM-345
H/C 7353030

Defect Code: 5PW00

Symptom Code: Q5000

Template ID: 07-038C (2000 Insight)
07-038D (2001 Insight)

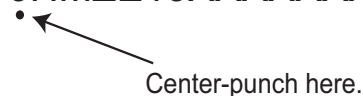
Skill Level: Repair Technician

REPAIR PROCEDURE

NOTE: For instructions on downloading/uploading the immobilizer transponder codes, refer to page 9 of Service Bulletin 00-049, *Immobilizer System (Type 2)*.

1. Download the immobilizer transponder codes from the ECM to the HDS.
2. Replace the ECM:
 - Refer to page 11-7 of the *2000-2006 Insight Service Manual*, or
 - Online, enter keyword **ECM REP**, and select **ECM Replacement** from the list.
3. Upload the immobilizer transponder codes from the HDS to the new ECM.
4. Center-punch a completion mark **below** the first character of the engine compartment VIN:

JHMZE13XXXXXXXXXXXX



5. **For California Residents Only:** Fill out a *Vehicle Emissions Recall - Proof of Correction* certificate, and use **Q50** 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
for Vehicles Already Repaired**

November 2007

Product Update: Check Engine Light Stays On

Dear Insight Owner:

This letter is to notify you of a product update for your vehicle that was previously resolved by an existing service bulletin. No action on your part is required.

The repair done to your vehicle was the replacement of the main computer control module (the ECM). The ECM was replaced because the original one could have caused the check engine light on the instrument panel to stay on.

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 about this letter, please call Honda Automobile Customer Service at (800) 999-1009.

Sincerely,

**American Honda Motor Co., Inc.
Honda Automobile Division**

**Example of Customer Letter
for Vehicles Needing Repair**

November 2007

Product Update: Check Engine Light Stays On

Dear 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 replace 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 some 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 2000–01 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**