

Applies To: **2005 Accord Hybrid** – From VIN JHMCN3...5C000001 thru JHMCN3...5C006600

July 15, 2011

Product Update: IMA Battery Software Update

(Supersedes 05-038, dated October 3, 2006, to revise the information marked by the black bars)

REVISION SUMMARY

Under WARRANTY CLAIM INFORMATION, the flat rate time was changed because the MVCI updates control modules more efficiently.

BACKGROUND

- The current battery control software can lead to IMA battery damage when the HDS is used in the generic mode, or a generic scan tool is used to clear IMA DTCs (diagnostic troubleshooting codes).
- The current engine control software will clear the stored learned values for the CKP (crankshaft position) sensor if an HDS in generic mode, or a generic scan tool, is used to clear DTCs.

With the CKP values cleared, the PCM could misinterpret the CKP input at high rpm as being a paired misfire (P0301/P0305) and set these DTCs.

CUSTOMER NOTIFICATION

All owners of affected vehicles will be mailed a notification of this campaign. A copy of the customer notification is at the end of this service bulletin.

Not all vehicles within the affected VIN range are affected by this product update. Before beginning work on a vehicle, make sure it is eligible by checking for one or more of these items:

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

In addition to the bulleted verification items, check for a punch mark above the first character of the engine compartment VIN. A punch mark in that location means that the PCM software has already been updated.

CORRECTIVE ACTION

Update the IMA battery control module and the PGM-FI software.

SOFTWARE INFORMATION

HDS Software Version: 1.018.016 or later

NOTE: If the correct version of the software is not used, the MVCI may incorrectly indicate that the vehicle does not need an update.

SYSTEM	Program ID (or later)	Program P/N (or later)
IMA	CJA040	1K101-RCJ-A04
PGM	CJA560	37805-RCJ-A56

WARRANTY CLAIM INFORMATION

OP#	Description	FRT
125517	Update the IMA battery software.	0.2
A	Add PGM-FI software update.	0.1

Failed Part: P/N 1K000-RCJ-A03

Defect Code: 5LK00

Symptom Code: P8500

Skill Level: Repair Technician

REPAIR PROCEDURE

- Update the PGM-FI software. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*. Be sure to update the following three control modules:
 - ECM
 - IMA Battery System (within the MCM)
 - IMA Motor System (within the MCM)
- Disconnect the HDS or MVCI.
- Start the engine.
- Raise the engine speed to 3,500–4,000 rpm, and watch the IMA charge indicator on the dash. The charge indicator should register about three green bars of charging. *Continue to hold the engine speed between 3,500 and 4,000 rpm until the IMA battery charge level gauge shows that the IMA battery is fully charged.*

5. Do the idle learn procedure:
 - Make sure all electrical items (A/C, audio unit, defogger, lights, etc.) are off.
 - Start the engine, and let it warm up to its normal operating temperature (the cooling fans cycle twice).
 - Let the engine idle (throttle closed and all electrical items off) for **10 minutes**.
6. Center-punch a completion mark above the first character of the engine compartment VIN.

Center-punch here.

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JHMCN3XXXXXXXXXXXX

Example of customer letter

Winter 2005

Product Update: IMA Battery Software Update

Dear Accord Hybrid Owner:

This notice has been sent to inform you of a potential problem with your vehicle and what you should do to resolve it.

What is the problem?

The computer software in your vehicle needs to be updated. Without an update, a technician using a scan tool in generic mode on your vehicle could cause damage to your vehicle's electric motor battery and/or cause the engine computer to falsely signal engine misfires. Additionally, we also want to update the original PGM-FI software to the most current version number.

What should you do?

Call any authorized Honda dealer, and make an appointment to have your vehicle updated. The dealer will update your vehicle's computer software. 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.

What to do if you feel this notice is in error.

Our records show that you are the current owner or lessee of a 2005 Accord Hybrid involved in this product update. If this is not the case, or the name/address information is incorrect, please fill out and return the included, postage-paid *Information Change Card*. We will then update our records.

If you have questions.

If you have questions about this notice, or need assistance with contacting a Honda dealer, please call 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**