



Applies To: **2005 Accord Hybrid – ALL**

May 9, 2006

IMA Indicator and MIL Are On With DTC P15A5

SYMPTOM

The IMA system indicator and the MIL are on with DTC P15A5 (motor current sensor circuit malfunction) stored.

PROBABLE CAUSE

During engine starting, the IMA motor control software incorrectly interprets the position of the IMA motor rotor.

CORRECTIVE ACTION

Update the IMA motor control software.

SOFTWARE INFORMATION

HDS Software Version: 2.003.020 or later

SYSTEM	PROGRAM ID	PROGRAM PART NUMBER
IMA	CJ3050	1K001-RCJ-305

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Operation Number: 723507

Flat Rate Time: 0.3 hour

Failed Part: P/N37820-RCJ-A56
H/C 7995269

Defect Code: 07201

Symptom Code: 03203

Template ID: 06-021A

Skill Level: Repair Technician

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Parts and Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

DIAGNOSIS

Confirm that the vehicle has P15A5 stored in the IMA system.

- If the vehicle has the latest software installed, follow the steps for DTC troubleshooting:
 - Refer to page 12-5 in the 2005–06 Accord Hybrid Service Manual, or
 - Online, enter keyword **P15A5** and select **DTC Troubleshooting: P15A5 (85)** from the list.
- If the vehicle does not have the latest software, go to **REPAIR PROCEDURE**.

REPAIR PROCEDURE

NOTE:

- Make sure the 12 volt battery in the vehicle is fully charged before proceeding with the update.
 - To prevent control module damage, do not operate anything electrical (audio system, brakes, A/C, power windows, moonroof, etc.) during the update.
 - The HDS screen may go dark during the update process. This does not mean the update is complete. Tap the screen and the display will come on showing the current condition of the update. Do not disconnect the HDS or turn the ignition switch off until the update is complete unless directed to do so by the HDS.
1. Use the HDS to update the IMA motor control software. Refer to service bulletin 01-023, *Honda-Produced Vehicles With Programmable Control Units/Modules*.
 2. Disconnect the HDS.
 3. Start the engine.
 4. Raise the engine speed to between 3,500 and 4,000 rpm, and watch the IMA charge indicator on the dash. The charge indicator should register about three green bars of charging. If so, then **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.**