

**November 27, 2014**

ATB 00174-01200 REV2 (1411)

**Product Update: IMA Battery Software Update**

Supersedes 14-064, dated October 3, 2014; see Revision Summary.

**AFFECTED VEHICLES**

| Year    | Model   | Trim | VIN Range                               |
|---------|---------|------|-----------------------------------------|
| 2011-12 | CR-Z    | ALL  | Check the iN VIN status for eligibility |
| 2010-12 | Insight | ALL  | Check the iN VIN status for eligibility |

**REVISION SUMMARY**

Under WARRANTY CLAIM INFORMATION the text "The normal warranty applies" was removed.

**BACKGROUND**

The software controlling the IMA battery incorrectly maintains the battery and over time the battery can develop a memory effect that appears as a reduction in battery capacity. Additionally, DTC P0A7F (Battery Module Deterioration) may be stored.

**CUSTOMER NOTIFICATION**

Owners of affected vehicles will receive a notification of this campaign.

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

Some vehicles affected by this campaign may be in your used vehicle inventory. These vehicles must be repaired before they are sold.

**CORRECTIVE ACTION**

Update the IMA battery control module software.

**CUSTOMER INFORMATION:** The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

## SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the HDS or MVCI are not covered under warranty.

MVCI Control Module (CM) Update:

Application (FW) Version 3.01.40 **or later**

Database update 21-July-2014 **or later**

HDS Software Version:

3.015.006 **or later**

**Before beginning the repair, make sure that both the HDS and MVCI are updated as listed above.**

**Do only the update listed in this service bulletin.**

Check that the MVCI indicates the applicable program ID listed below (or a later program ID) as the **Recommended Update** when the update begins.

If the MVCI displays **This vehicle does not need an update at this time** during the update, the software for this service bulletin is already installed.

For more information about updating the HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

| Year/Model         | Program ID (or later) | Program P/N (or later) |
|--------------------|-----------------------|------------------------|
| 2010 Insight       | BJA060                | 1K101-RBJ-A060         |
| 2011 Insight       | BJA620                | 1K101-RBJ-A620         |
| 2012 Insight       | BJA550                | 1K101-RBJ-A550         |
| 2011 CR-Z with M/T | TWA120                | 1K101-RTW-A120         |
| 2011 CR-Z with CVT | TWA620                | 1K101-RTW-A620         |
| 2012 CR-Z with M/T | TWA040                | 1K101-RTW-A040         |
| 2012 CR-Z with CVT | TWA540                | 1K101-RTW-A540         |

## WARRANTY CLAIM INFORMATION

| Year/Model      | Operation Number | Description                           | Flat Rate Time | Defect Code | Symptom Code | Template ID | Failed Part Number |
|-----------------|------------------|---------------------------------------|----------------|-------------|--------------|-------------|--------------------|
| 2011-12 CR-Z    | 1255A5           | Update the IMA battery control module | 0.3 hr         | 5MV00       | JK400        | 14-064A     | 1K000-RTW-A01      |
| 2010-12 Insight |                  |                                       |                |             | JK500        | 14-064B     | 1K000-RBJ-A07      |

Skill Level: Repair Technician

## REPAIR PROCEDURE

1. Connect the MVCI and check for the latest version of the IMA battery software.
  - If the software is older than the listed software and no DTC is stored, go to step 2.
  - If the software is older than the listed software and DTC P0A7F is stored, clear it, then go to step 2.
  - If the vehicle has the latest software installed and DTC P0A7F is stored, replace the IMA battery module.
2. Update the battery control module software with the MVCI. Refer to Service Bulletin 01-026, *Updating Control/Units Module*.
3. **For California residents only:** Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use JK4 for CR-Z or JK5 for Insight 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 this certificate to the DMV only if the DMV requests it. If you need more certificates, use reorder number Y0657.

| Vehicle Emission Recall - Proof of Correction                                                                                                                  |                                   |                              |           |                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------|-----------|---------------------------------|
| License Number                                                                                                                                                 | Make                              | Year Model                   | Body Type | Vehicle Identification Number   |
|                                                                                                                                                                |                                   |                              |           |                                 |
| Manufacturer                                                                                                                                                   |                                   |                              |           | Recall Number <b>JK4 or JK5</b> |
| The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws. |                                   |                              |           |                                 |
| Dealer's Name                                                                                                                                                  |                                   | Address, City, State and Zip |           |                                 |
|                                                                                                                                                                |                                   |                              |           |                                 |
| Date                                                                                                                                                           | Dealership's Authorized Signature |                              |           |                                 |
|                                                                                                                                                                | X                                 |                              |           |                                 |
| Return this certificate to DMV <u>only</u> when required - otherwise retain for your records.                                                                  |                                   |                              |           |                                 |

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END