

**Product Update: MID Shows BATTERY CHARGE LOW or bATT LOW**

(Supersedes 11-073, dated December 13, 2011, to revise the information marked with the black bar)

**BACKGROUND**

The battery sensor software update improves the accuracy in warning customers when the battery's state of charge is low by changing these inputs:

- The sensor factors in the ambient temperature when calculating the current state of charge.
- The sensor ignores short duration voltage drops, such as when the power sliding doors are opened.

A low battery message may still appear if the customer uses a system for an extended period of time with the engine off, such as playing a movie on the RES or planning a trip using the navigation system.

The new software will not improve vehicles with the following conditions:

- The vehicle has a low battery because it's not driven regularly or long enough to recharge the battery.
- There is a high-current draw problem with the vehicle, such as a high parasitic draw caused by aftermarket accessories (alarms, video game systems, etc.).

**CUSTOMER NOTIFICATION**

All owners of affected vehicles will be sent a notification of this product update.

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

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

Some vehicles affected by this update may be in your new or used vehicle inventory. Repair these vehicles before they are sold.

**CORRECTIVE ACTION**

Update the battery sensor software with the Flash Pack tool.

**TOOL INFORMATION**

Battery Sensor Flash Pack: T/N HONHLAKIT1 (Each dealer received a flash pack and a micro SD card adapter free of charge in December 2011. Keep the adapter in case you ever need to update the flash pack. Additional tools are not available for purchase, but are available for loan from the Special Tools Loan Program. Contact the American Honda Tool and Equipment program at **888-424-6857**).

**WARRANTY CLAIM INFORMATION**

Operation Number: 7105A4  
Flat Rate Time: 0.3 hour  
Failed Part: 32600-TK8-A01  
Defect Code: 5SN00  
Symptom Code: S0700  
Skill Level: Repair Technician

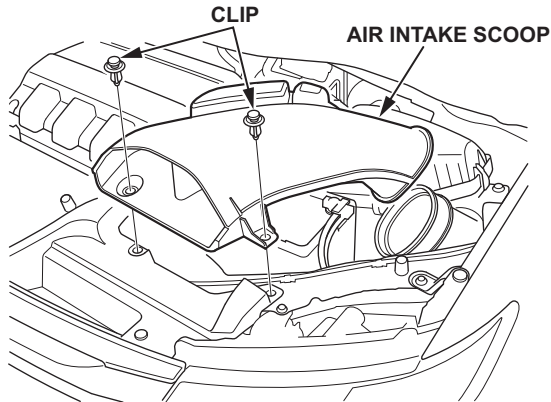
## REPAIR PROCEDURE

### NOTE:

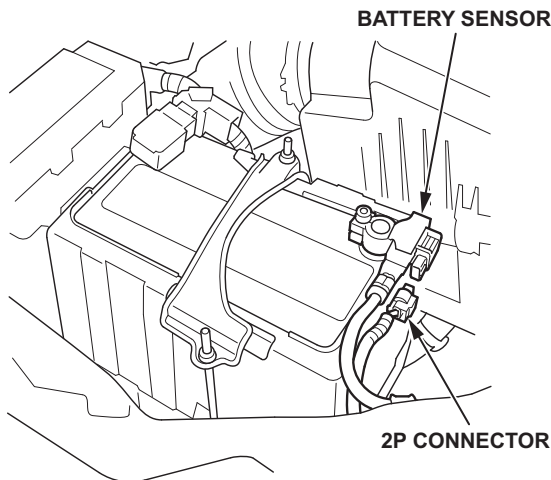
- If the battery voltage is below 11 volts, the Flash Pack tool warns you that the update cannot be done. Charge the battery using the GR-8 Diagnostic Battery Station.

- Do not update the battery sensor while the GR-8 is charging the battery.

1. Turn the ignition switch to LOCK(0).
2. Remove the air intake scoop.



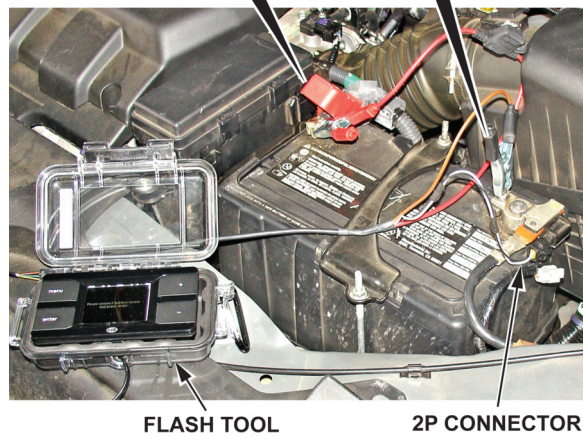
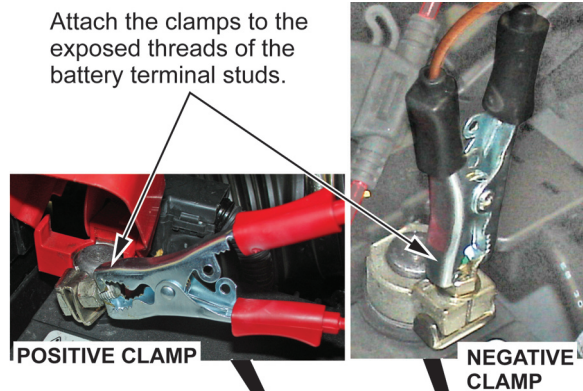
3. Disconnect the battery sensor 2P connector.



4. Connect the Flash Pack tool's positive clamp, then connect the negative clamp to the corresponding battery terminal studs.

NOTE: Make sure the clamps are securely on the battery studs. If the clamps slip off while updating the software, the battery sensor will be damaged.

Attach the clamps to the exposed threads of the battery terminal studs.

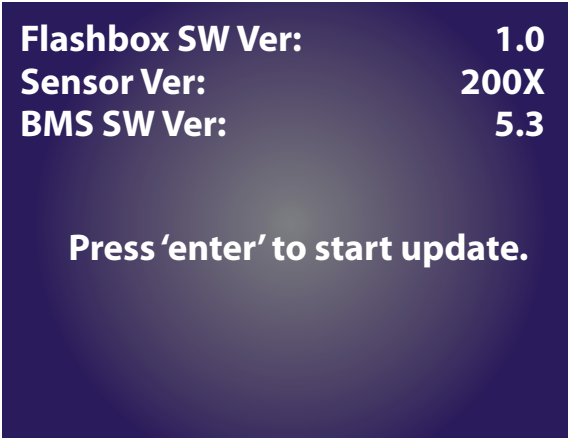


5. When the flash tool displays the screen below, connect the 2P connector to the battery sensor, open the case, then press ENTER.

**Please connect battery sensor  
and press 'enter'.**

- When the screen below appears, press ENTER on the Flash Pack to begin the update.

NOTE: If the update has already been done, the screen indicates that the software is up to date. Go to step 8.

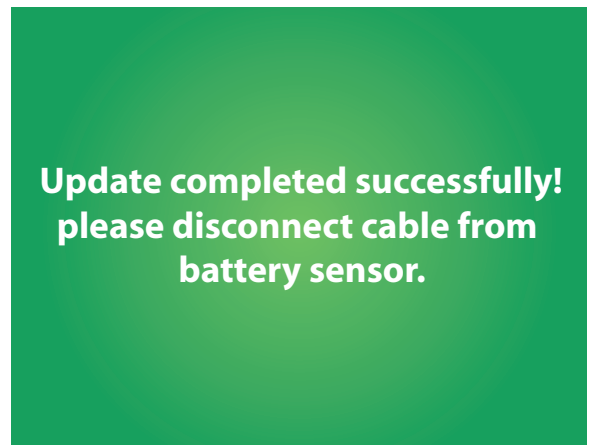


The following screen appears indicating the battery sensor software is being updated. Do not disconnect any of the Flash Pack connections.

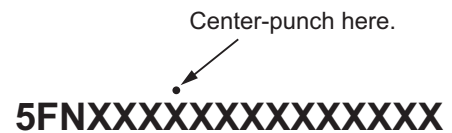
NOTE: If the Flash Pack displays a red screen with the message PLEASE REPLACE BMS, try the update again. If it fails a second time, record the error code on the repair order, replace the battery sensor, then go to step 10.



- Wait until the update is done (the screen turns green).



- Disconnect the Flash Pack clamps and the 2P connector.
- Reconnect the battery sensor 2P connector.
- Charge the battery with the GR-8 Diagnostic Battery Station using the **Diagnostic** and **DEALER INVENTORY** settings.
- Reinstall the air intake scoop.
- Center-punch a completion mark above the seventh character of the engine compartment VIN:



*Example of Customer Letter*

December 2011

**Product Update: MID Shows BATTERY CHARGE LOW or bATT LOW**

Dear Honda Owner:

This letter is to notify you of improvements Honda has made to the battery sensor system installed on your vehicle.

**What is the problem?**

In some cases, the battery sensor system may send an message showing that the battery is in a low state of charge. Honda has developed enhanced software to improve the accuracy of sending this message.

**What should you do?**

Contact any authorized Honda dealer for an appointment to have your vehicle's software updated. The dealer will update the software in the battery sensor. 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.

**Lessor Information**

If you are the vehicle lessor receiving this product update notice, please forward a copy of this notice to the lessee.

**If you have questions**

If you have any questions about this notice, or need assistance with locating a Honda dealer, please call Honda Automobile Customer Service at 1-800-999-1009, and select option 4. You can also locate a dealer online at *Hondacars.com*.

Sincerely,

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