

Applies To: **2012 TL 2WD** – From VIN 19UUA8...CA000001 thru 19UUA8...CA008239  
**2012 TL SH-WD** – From VIN 19UUA9...CA000001 thru 19UUA9...CA002516

April 14, 2012

## MID Shows BATTERY CHARGE LOW

### BACKGROUND

The battery sensor software update improves the accuracy in warning clients 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.

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

- The vehicle has a low battery due to it not being driven regularly or long enough to recharge the battery.
- The vehicle develops a low battery due to the client using the Navigation system for an extended period of time with the engine off and the ignition ON (II), such as when planning a trip.
- There is a high-current draw problem with the vehicle, such as a high parasitic draw caused by aftermarket accessories (alarms, LoJack, etc.).

### 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, but if you need a replacement, contact the American Honda Tool and Equipment Program at **888-424-6857**.)

### WARRANTY CLAIM INFORMATION

Operation Number: 7105A5

Flat Rate Time: 0.3 hour

Failed Part: P/N 38920-TK4-A03

Defect Code: 03214

Symptom Code: 03205

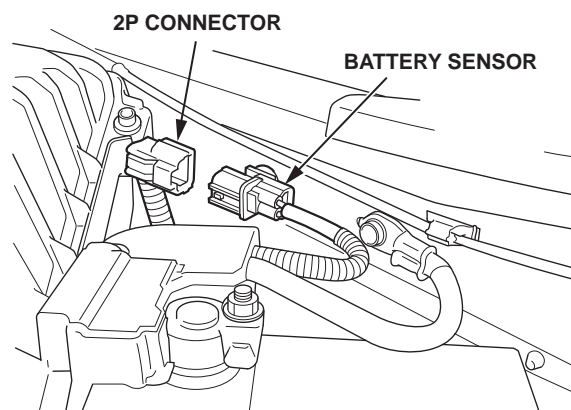
Skill Level: Repair Technician

### 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, then do the update.
- Do not update the battery sensor while the GR-8 is charging the battery.

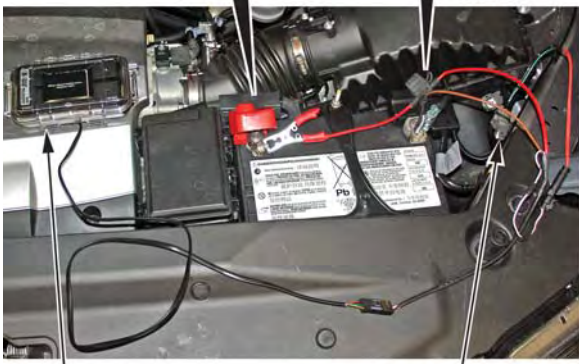
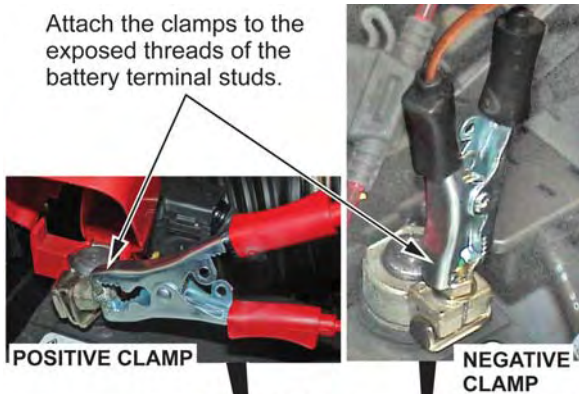
1. Turn the ignition switch to LOCK (0).
2. Disconnect the battery sensor 2P connector.



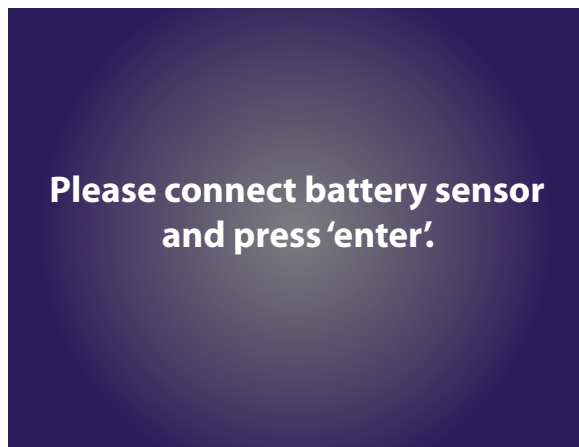
3. Connect the Flash Pack tool's positive clamp, then connect the negative clamp to the corresponding battery terminal studs.

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.

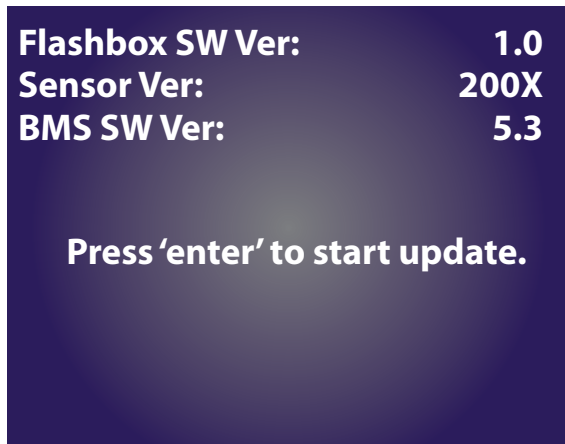


4. When the flash tool displays the screen below, connect the 2P connector to the battery sensor, open the case, then press ENTER.



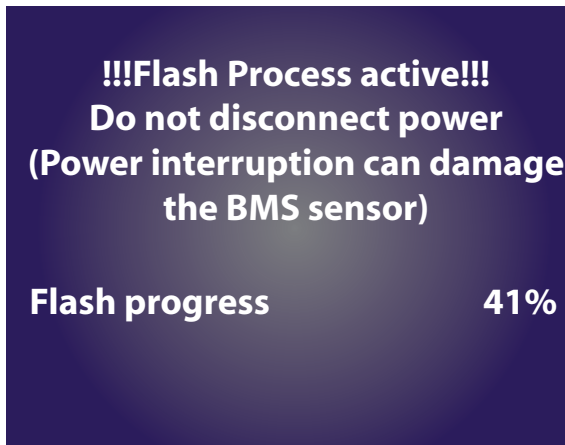
5. When the screen below appears, press ENTER on the Flash Pack to begin the update.

NOTE: If the update has already been done, the screen indicates that the software is up to date. Go to step 7.

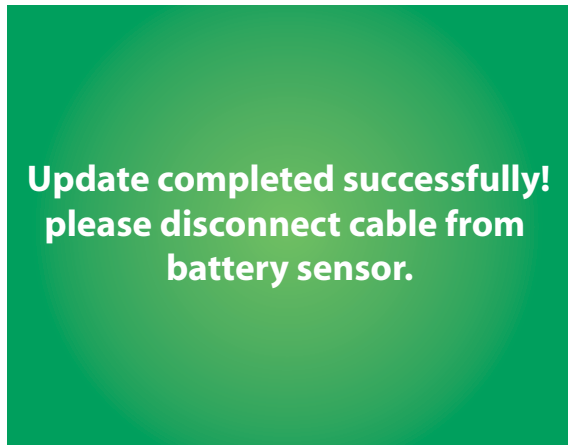


The screen below appears, indicating that the battery sensor software is being updated. Do not disconnect any of the Flash Pack connections.

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 9.



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



7. Disconnect the Flash Pack clamps and the 2P connector.
8. Reconnect the battery sensor 2P connector.
9. Charge the battery with the GR-8 Diagnostic Battery Station using the **Diagnostic** and **DEALER INVENTORY** settings.