

April 10, 2020

Version 6

Safety Recall: HV Cell Voltage Sensor (CVS) Software

Supersedes 15-057, dated February 16, 2017, to revise the information highlighted in **yellow**

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014-15	Accord Hybrid	ALL	Check the iN VIN statuses for eligibility

REVISION SUMMARY

Under REPAIR PROCEDURE, step 2 was revised.

BACKGROUND

The cell voltage sensor may incorrectly interpret electrical noise from the inverter and motor circuits as a problem and cause the vehicle to switch to a fail-safe EV mode. Additionally, DTCs P0B3B (high voltage battery cell voltage sensor internal circuit malfunction) and P0DA8 (motor power inverter module voltage malfunction) are often stored.

If the vehicle switches to fail-safe EV mode while cruising at highway speed, the engine shuts off and the vehicle will experience a sudden loss of power as the fail-safe EV mode limits vehicle speed to a maximum of about **40 mph**. If this occurs, the vehicle may be able to travel for up to **2 miles** in fail-safe EV mode, at which time the HV battery will likely fully discharge. If the battery completely discharges while the vehicle is still in operation, the vehicle will stall, increasing the risk of a crash.

CUSTOMER NOTIFICATION

Owners of affected vehicles were sent 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.

Failure to repair a vehicle subject to a recall or campaign may subject your dealership to claims or lawsuits from the customer or anyone else harmed as a result of such failure. To see if a vehicle in inventory is affected by this safety recall, do a VIN status inquiry before selling it.

NOTE: For California dealers only, make sure to give your customer a Vehicle Emission Recall - Proof of Correction certificate. See REPAIR PROCEDURE for ordering information.

CORRECTIVE ACTION

Do the inspection and based on your results, update the vehicle or replace the HV battery.

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 diagnostic and reprogramming software are not covered under warranty.

Before beginning the repair, make sure all diagnostic and reprogramming software are updated as listed.

i-HDS Software Version	1.005.048 or later
HDS Software Version	3.103.048 or later
J2534 Rewrite Software Information	
PC Application Version	1.2.1.1 or later
Database Update	18-MAR-2020 or later
NoticeDB Version	18-MAR-2020 or later

Update only the systems and software listed in this service bulletin.

Do not use the MongoosePRO VCI for this service bulletin as it is not an American Honda-approved device.

For more information about updating vehicle systems, refer to service bulletin 01-023, *Updating Control Units/Modules*.

Year/Model	Vehicle System	Program ID (or later)
2014–15 Accord Hybrid	HEV Battery System	1K411-5K1-A020

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1185B0	Do the inspection and update the CVS software. (No DTCs)	0.2 hr	15-057A	5ZF00	JT700	1K410-5K1-A03
1185B1	Do the inspection and update the CVS software. DTC and error codes were set, but they were cleared and the CVS software updated.	0.5 hr	15-057B	5ZF00	JT700	1K410-5K1-A03
1185B2	Do the inspection and the result was to replace the battery. File a separate warranty claim under normal warranty for replacing the HV battery.	0.5 hr	15-057C	5ZF00	JT700	1K410-5K1-A03

Skill Level: Repair Technician

INSPECTION AND UPDATE PROCEDURE

1. Connect the I-HDS and check for DTCs.
 - If DTC P0B3B or P0DA8 is not set, go to step 4.
 - If DTC P0B3B and/or P0DA8 is set, do not clear the DTC(s). Save all the freeze data, then go to step 2.

NOTES

- Make sure that you upload the collected freeze data.
 - If P0B3B and/or P0DA8 is not present, it is possible that error code 0010100 may be stored in one or more locations. This is normal if the key is cycled quickly. To clear this error code, just turn the key off for more than one minute.
2. Using the i-HDS, select **Electric Powertrain / IMA** from the System Selection screen, select **HV Battery Diagnosis**, then select **Cell Voltage Sensor Check** to gather any cell voltage sensor error codes, then go to step 3.

3. Check the list for the following failures:

NOTES

The error codes in each failure series can be in any order as long as all the codes in each row are present in the HV battery diagnosis.

Error Code Failure Series 1	00010000	00010000	00010000
Error Code Failure Series 2	00010000	00010000	00000000
Error Code Failure Series 3	00010000	00010000	00010100
Error Code Failure Series 4	00010000	00000000	00000000
Error Code Failure Series 5	00010000	00010100	00010100
Error Code Failure Series 6	00010000	00010100	00000000

- **If any one of the six error code failure series appears**, write down the failure codes on the RO before clearing all set codes, then go to step 4.
 - **If a different failure series appears**, write down any other failure code(s) that may be stored on the RO. Save the HDS freeze data and the Cell Voltage Sensor Check data, then replace the HV battery. Refer to service information. **You will need to file a separate warranty claim under normal warranty for replacing the HV battery.**
4. Update the CVS software with the DST-i. Refer to service bulletin 01-023, *Updating Control Units/Modules*. This product update is complete.
5. *For California residents only*: Fill out a Vehicle Emissions Recall – Proof of Correction certificate, and use **JT7** 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 **JT7**

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 _____

Return this certificate to DMV only when required - otherwise retain for your records.

Y0657 ACL 24832 (0212)

END