

**January 26, 2018**

Version 1

## Safety Recall: Fuel Cell Stack - Power System Problem Message is Displayed

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017	Clarity Fuel Cell	ALL	Check the iN VIN status for eligibility

### BACKGROUND

The fuel cell stack generates electricity to power the vehicle through a process that combines hydrogen from the fuel tanks and the oxygen from the air. The stack is made up of many individual cells that act like batteries. Each of these cells is monitored individually by the vehicle so if there is a problem with the fuel cell, a warning message appears on the dash before the fuel cell shuts off. Because of a software issue, the monitoring system may shut down the fuel stack at the same time the message appears, resulting in an unexpected loss of motive power, which reduces vehicle control and increases the risk of a crash.

### CUSTOMER NOTIFICATION

Owners of affected vehicles will be 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 new or used vehicle inventory.

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 leasing it.

### CORRECTIVE ACTION

Update the FC (fuel cell) system with the i-HDS.

### WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
3105H7	Update the FC system with the i-HDS.	0.2 hr	6CL00	R0L00	A18016A	3K201-5WM-A22

Skill Level: Repair Technician

**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 i-HDS or MVCI are not covered under warranty.

i-HDS Software Version: 1.004.005 **or later**

J2534 Software Information:

- PC Application Version: 1.1.0.2 **or later**
- Database update: 28-DEC-2017 **or later**

**Before beginning the repair, make sure that both the i-HDS and J2534 software are updated as listed above. Do only the update listed in this service bulletin.**

You cannot apply the updates with the MVCI as a standalone tool. To update the vehicle, you must use the MVCI or DST-i interface in conjunction with the J2534 Rewrite PC application on the i-HDS.

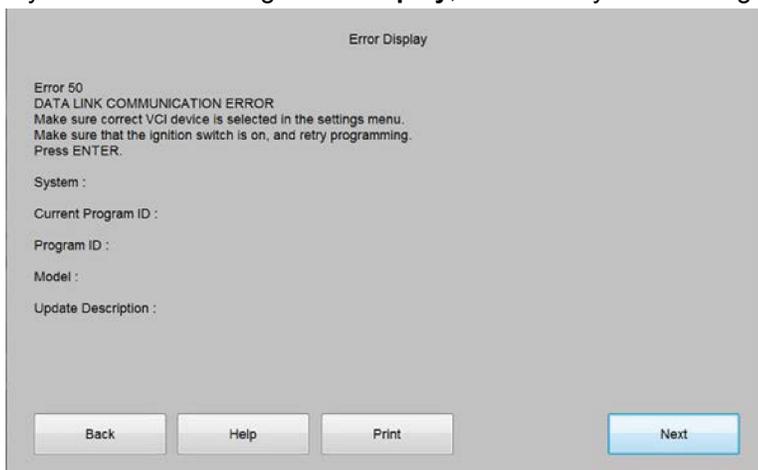
For more information about updating the iHDS, MVCI, or DST-i and vehicle systems, refer to Service Bulletin01-023, *Updating tControl Units/Modules*.

Trim	Software System	Program ID (or later)	Program P/N (or later)
2017 Clarity Fuel Cell	FC	WMA220	3K201-5WM-A22

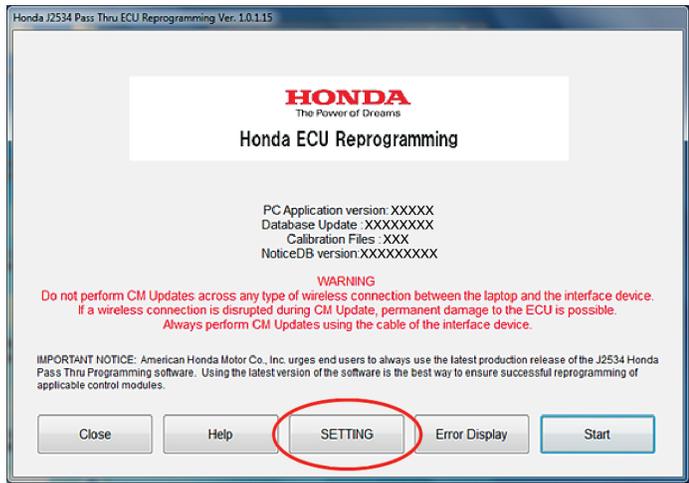
## REPAIR PROCEDURE

### NOTE

- You cannot update the vehicle using the MVCI as a standalone tool.
- Do not use the MongoosePro VCI tool.
- Connect a fully charged 12-volt jumper battery to the vehicle, and leave it connected during the entire procedure to maintain steady voltage.
- Never turn the ignition to OFF or ACCESSORY during the update. If there is a problem with the update, leave the ignition turned to ON.
- To prevent control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
- If you see the following **Error Display**, check that you are using the correct tool (MVCI or DST-i) with the i-HDS.



To change this, click on either of the SETTING selection buttons at the bottom of the J2534 initial screen as shown.



1. Make sure the 12-volt battery is fully charged. Check the condition of the 12-volt battery using the GR8 battery diagnostic station. If necessary, replace the battery before updating the FC software. Refer to Service Bulletin 88-023, *Battery Testing and Replacement*.
2. Connect a fully charged jumper battery to the vehicle, and leave it connected during the update to maintain steady voltage.
3. Make sure the parking brake is applied and the headlights are turned off. Turn the power mode to ON by pressing the start button twice.

**NOTES**

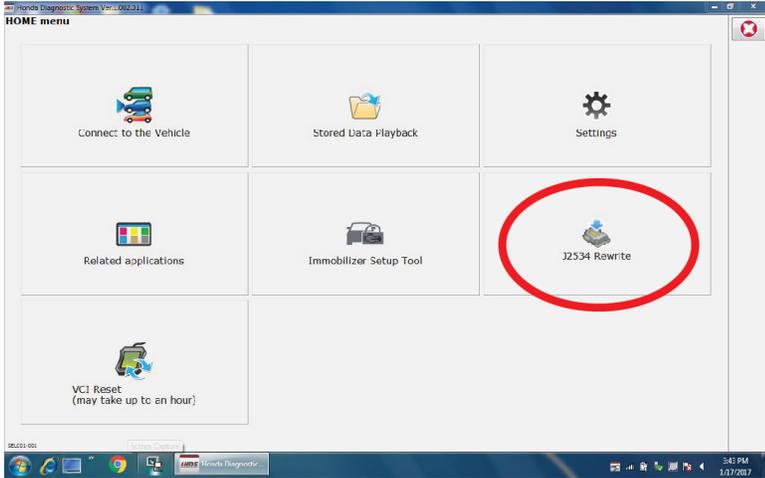
- Do not press the brake pedal while pressing the start button.
  - The MID should not display "Ready to Drive."
4. Update the FC software by selecting the **i-HDS Diagnostic System** icon. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*

**NOTE**

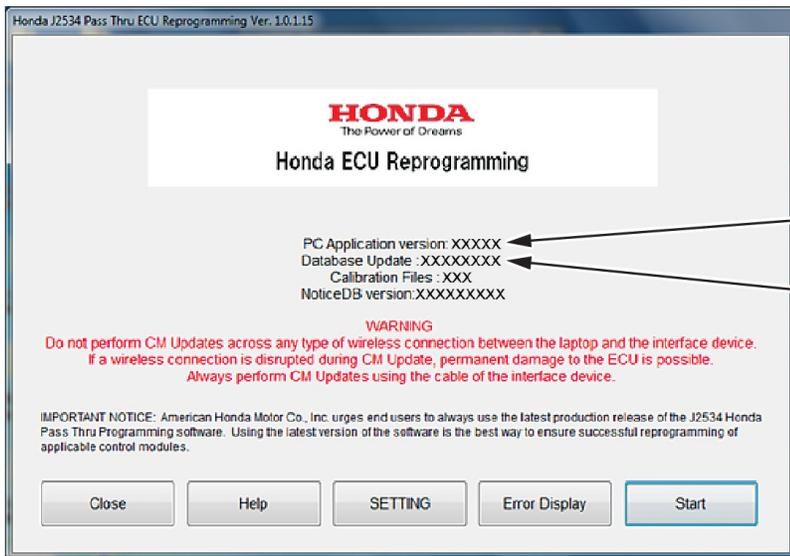
Do not use the Rewrite icon on your desktop.



5. Select **J2534 Rewrite**.



6. Confirm the software is the same or later as listed in SOFTWARE INFORMATION.



PC APPLICATION VERSION

DATABASE UPDATE

7. Select **Start**, then follow the screen prompts.

NOTE:

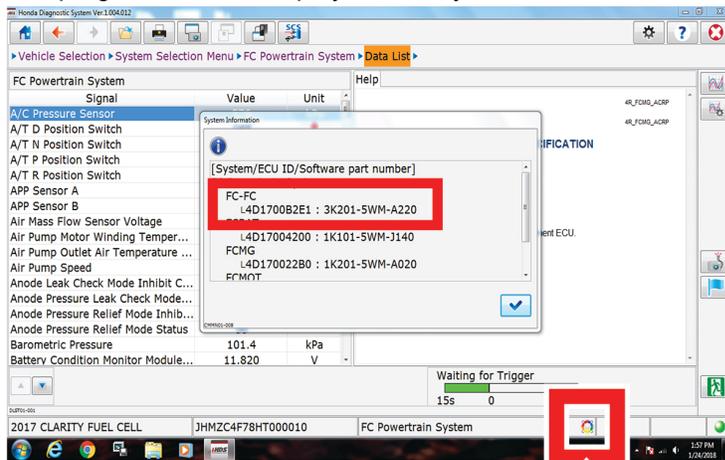
- Do not enter a bulletin number.



- If you receive a message that the vehicle has been already updated or that no update is available, check the **FC Data List**. The header should indicate one of the following numbers (or later).

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- The program ID's are displayed when you click this icon.



Click this icon.

- If the program part numbers do not match those listed above, the i-HDS software needs to be reinstalled. Contact the Special Tools Hotline at **800-346-6327** for assistance

8. Remove the 12-volt jumper battery.

END