August 4, 2017   07071 Version 1

MID Displays ACC, CMBS, LKAS, RDM, and Brake Warnings and Other Listed Symptoms

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017	CR-V	EX, EX-L, Touring	ALL

SYMPTOM

There is an internal issue with the millimeter wave radar software, which may lead to one or more of the following symptoms:

- The millimeter wave radar is improperly calibrated, resulting in DTC P2583-76 (temporary stop of integrated driver support system [misalignment millimeter wave radar]).
- Front radar blindness due to severe weather conditions (rain, snow, fog, etc.) may trigger a sporadic false Radar Obstructed message on the MID.
- The vehicle speed fluctuates at highway speeds when adaptive cruise control is set.
- DTC C0051-54 (steering angle neutral position learning incomplete), U0416-68 (brake actuator malfunction), and U0416-92 (temporary stop of integrated driver support system [rejected control request by VSA system]) are set after the battery is replaced, disconnected, or jumped.
- During radar aiming, the **Radar Obstructed** message appears on the MID throughout the aiming procedure.
- During radar aiming, **4** and **No Target** are not displayed on the MID.
- DTC B2A60-98 (multipurpose camera unit temperature too high) and DTC U12B7-00 (millimeter wave radar local-CAN malfunction) are set.

POSSIBLE CAUSES

Software issues with the millimeter wave radar.

CORRECTIVE ACTION

Update the millimeter wave radar unit software.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7385A2	Update the millimeter wave radar software.	0.2 hr	03214	03217	A17064A	36803-TLA-A03

Skill Level: Repair Technician

SOFTWARE INFORMATION

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

i-HDS Software Version: **1.003.003 or later**

J2534 Software Information:

    PC Application Version **1.1.0.2 or later**

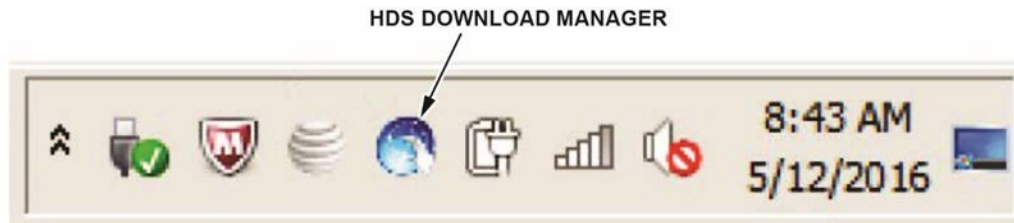   Database update **12-JUL-2017 or later**

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 the DST-i interface in conjunction with the J2534 Rewrite PC application on the i-HDS.

For more information about updating the i-HDS, the MVCI, or DST-i, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.
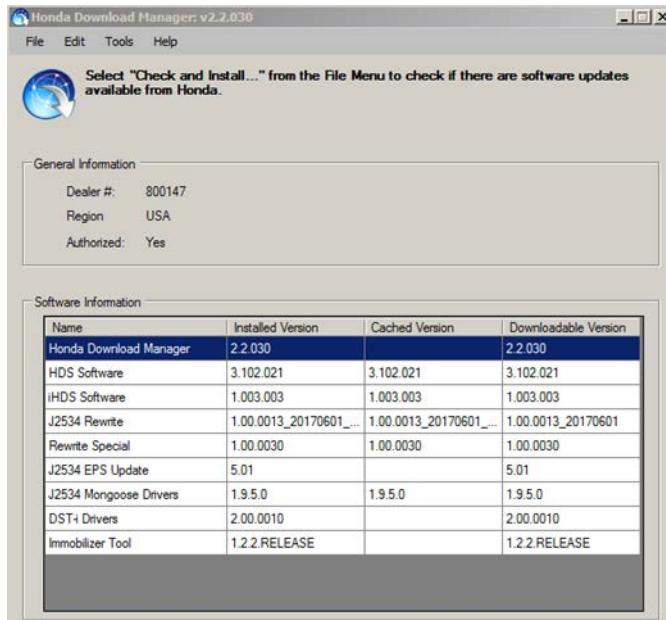
Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2017 CR-V EX, EX-L, Touring	Driving Support, Integrated Driver Support	LAA050	36802-TLA-A05

To check the database update version on the i-HDS laptop, right click on the **HDS Download Manager** icon on the taskbar.

Select Open HDS Download Manager, and use the File pull-down menu to select Check and Install.
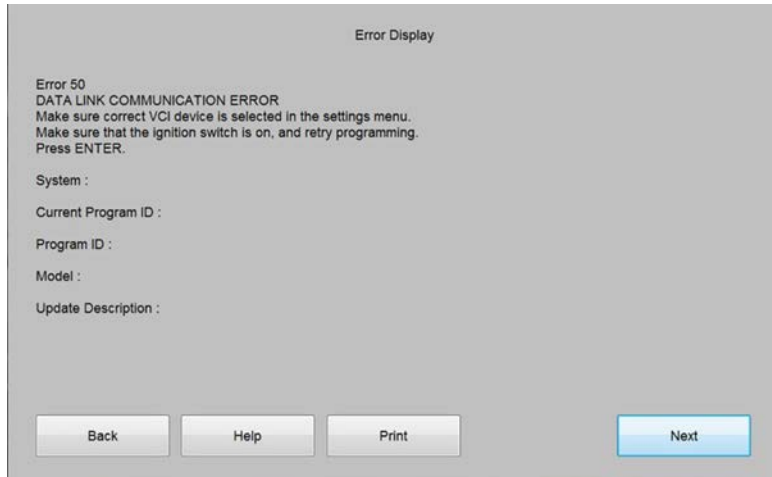
NOTE: If you are not connected to the Internet, you will see an error message indicating the i-HDS cannot check for updates; connect to the Internet to make sure you have the latest i-HDS software.
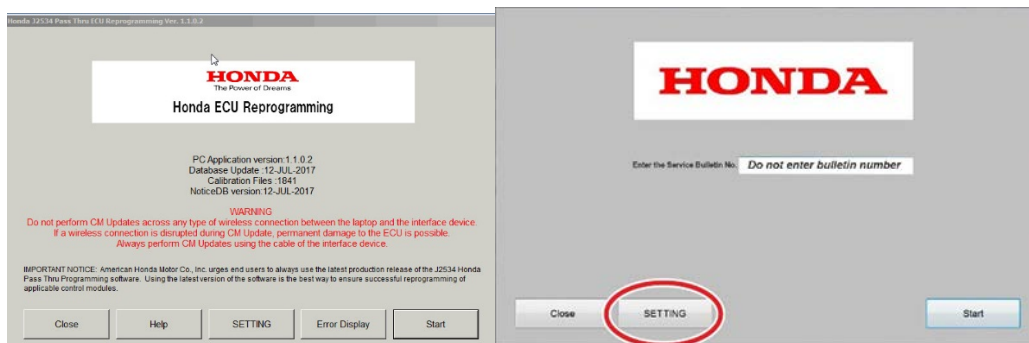
REPAIR PROCEDURE

NOTE:

- You cannot update the vehicle using the MVCI as a standalone tool.
- Do not use the Mongoose Pro VCI tool.
- Connect a fully charged 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 screens as shown.
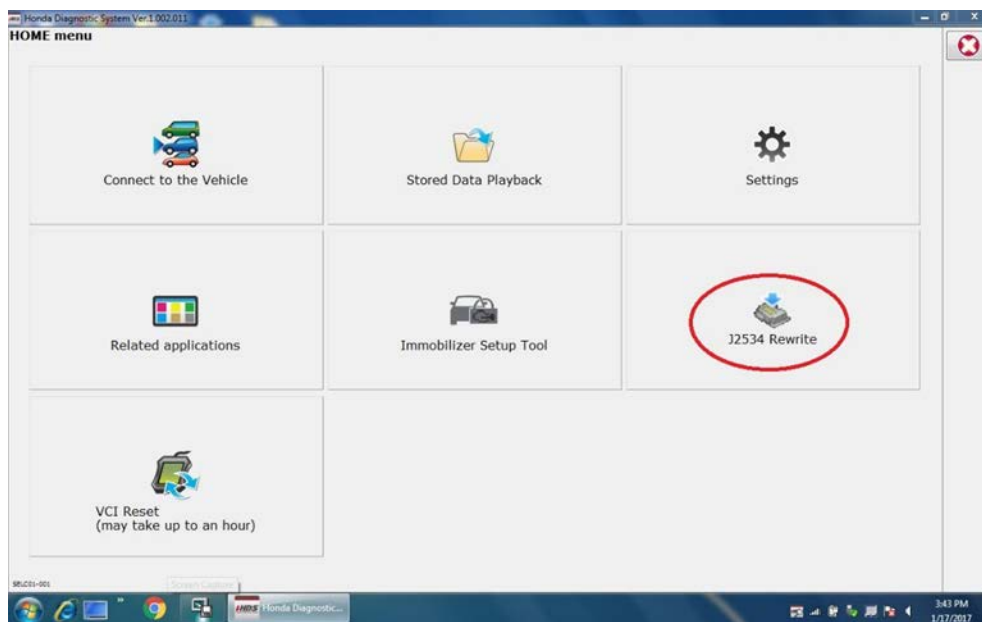

1. Make sure the battery is fully charged. Check the condition of the battery using the GR8 battery diagnostic station (software version 192-210007K or later). If necessary, replace the battery before updating the millimeter wave radar software. Refer to Service Bulletin 88-023, *Battery Testing and Replacement*.

2. Make sure the parking brake is applied and the headlights are turned off.

3. To update the Driving Support ACC/CMBS software, select the **i-HDS Diagnostic System** icon. Refer to Service Bulletin 01-023, *Updating Control Units/Modules*.
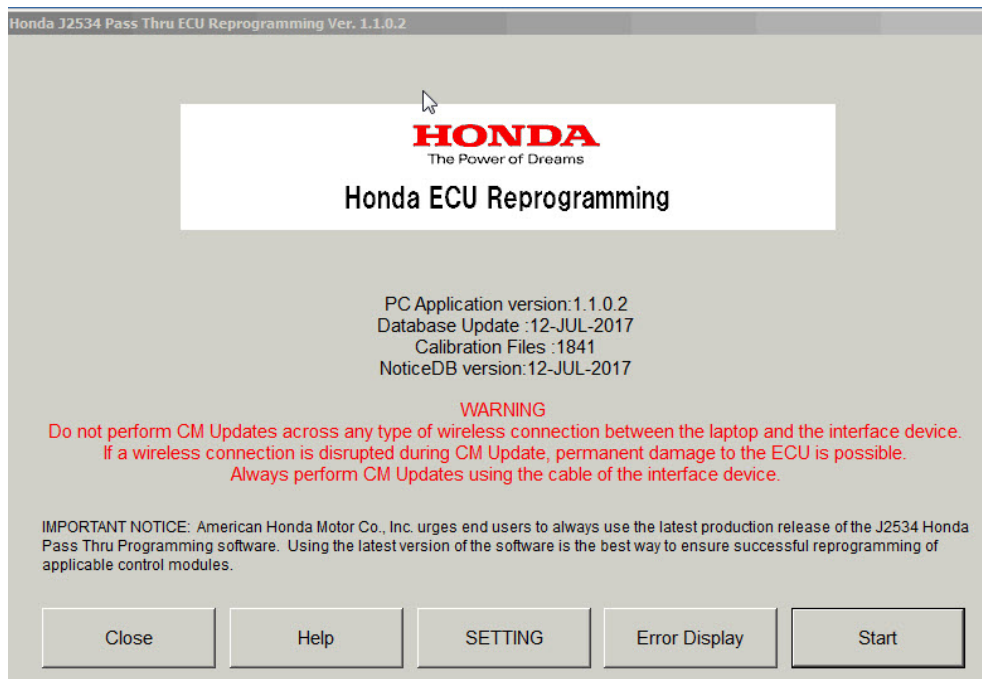
    NOTE: Do not use the **Rewrite** icon on your desktop.

4. Select **J2534 Rewrite**.

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

6. 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 **Driving Support Data List**. The header should indicate one of the following numbers (or later).

36802-TLA-A05

    - 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.

7. Do the following procedures before returning the vehicle to the customer:

    - DO AN ALL DTC CHECK AND CLEAR DTCS FROM ALL SYSTEMS.

    END