

June 21, 2016

04347 Version 1

## Immobilizer Functions Does not Work Using the i-HDS

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017	Ridgeline	ALL	ALL

### BACKGROUND

There is an incorrect software setting in the PGM-FI ECU that prevents the i-HDS from doing any of the following:

- Add New Key(s)
- All Keys Lost
- PCM Replacement
- MICU Replacement

### CORRECTIVE ACTION

Update the PCM Software.

NOTE: After the update is done, some vehicle models (*RTL-T, RTL-E, and Black Edition only*) need to have the radio fuse (fuse 29) removed to access the immobilizer functions. The fuse doesn't need to be removed in other models.

### SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the i-HDS are not covered under warranty.  
i-HDS Software Version: **1.001.004 or later**

J2534 Software Information:

PC Application Version **1.0.1.12 or later**

Database update **17-JUN-2016 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, and vehicle systems, refer to Service Bulletin 01-023, Updating Control Units/Modules.

Year/Model	Program ID (or later)	Program P/N (or later)
ALL 2WD	MJA040	37805-5MJ-A04
AWD	MJA540	37805-5MJ-A54
AWD with Active Cruise Control	MJA740	37805-5MJ-A74

**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.

## WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255E1	Update the PCM software (includes DTC checks).	0.2 hr	03217	01201	16-056A	37820-5MJ-A73

Skill Level: Repair Technician

## REPAIR PROCEDURE

### ALL Trims

1. Connect the i-HDS and MVCI or DST-i to the vehicle.
2. From the i-HDS main selection menu select **J2534 Rewrite**.
3. Enter the service bulletin number 16-056 and select **START**.

NOTE: If you enter the bulletin number and it is not recognized, leave the bulletin number field blank and use the J2534 Rewrite.

4. Select **START** From the CM Update window, then select **NEXT**.

NOTE: You may need to bring up the CM Update Window from the toolbar.

5. Enter the VIN, RO, and the odometer mileage, then select **NEXT**.
6. Click on **PGM-FI+AT/CVT/DCT**, then click **SELECT**.
7. Select **ENTER** to begin the CM update and follow the prompts.
8. Clear any DTCs that may have been set during the update.

### RTL-T, RTL-E and Black Edition Only

Do not use this information for the PCM update.

After the update is done, some vehicle models (RTL-T, RTL-E, and Black Edition only) need to have the radio fuse (fuse 29) removed to access the immobilizer functions. The fuse doesn't need to be removed in other models.

1. Remove the Radio fuse 29 in the underhood fuse box.
2. Perform the desired Immobilizer function following the service manual instructions.
3. Re-install the Radio fuse 29 in the underhood fuse box.

END