

April 15, 2017

06145 Version 1

MIL Comes On with DTC P0430

AFFECTED VEHICLES

| Year | Model | Trim | VIN Range |
|---------|------------------|------|-----------|
| 2014 | RLX Sport Hybrid | ALL | ALL |
| 2016–17 | RLX Sport Hybrid | ALL | ALL |

SYMPTOM

The MIL comes on with DTC P0430 (front bank catalyst system efficiency below threshold [Bank 2]).

POSSIBLE CAUSES

The PCM software may misinterpret sensor inputs as a deteriorated catalytic converter.

CORRECTIVE ACTION

Update the PGM-FI software.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

| Operation Number | Description | Flat Rate Time | Defect Code | Symptom Code | Template ID | Failed Part Number |
|------------------|-----------------------------|----------------|-------------|--------------|-------------|--------------------|
| 1255D8 | Update the PGM-FI software. | 0.2 hr | 03214 | 03217 | 17-019N | 37805-R9S-A85 |

Skill Level: Repair Technician

CLIENT 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 Acura automobile dealer.

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: 1.002.023 or later

J2534 Software Information:

PC Application Version 1.1.0.1 or later

Database update 21-MAR-2017 or later

Before beginning the repair, make sure that both the i-HDS and the 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 the vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

| Trim | Software System | Program ID (or later) | Program P/N (or later) |
|--------------------------------|-----------------|-----------------------|------------------------|
| 2014 RLX Sport Hybrid, Tech | PGM-FI | 9SA850 | 37805-R9S-A85 |
| 2014 RLX Sport Hybrid, Advance | PGM-FI | 9SA950 | 37805-R9S-A95 |
| 2016 Sport RLX Hybrid, ALL | PGM-FI | 9SA770 | 37805-R9S-A77 |
| 2017 Sport RLX Hybrid, ALL | PGM-FI | 9SA030 | 37805-R9S-A03 |

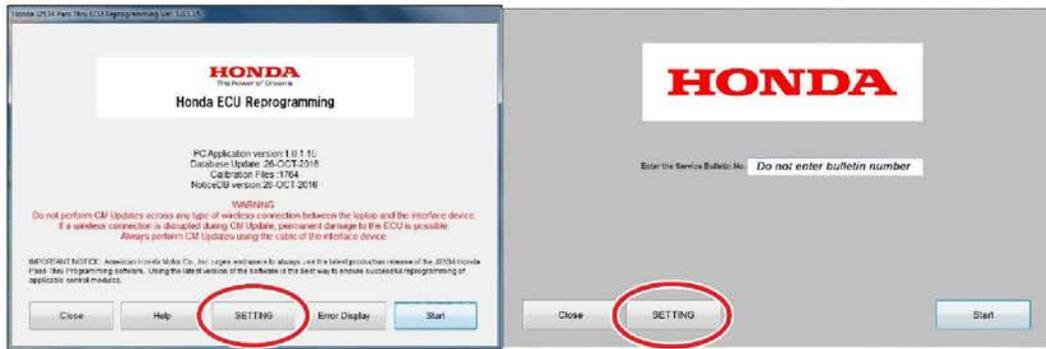
REPAIR PROCEDURE

NOTE:

- You can't update the vehicle using the MVCI as a standalone tool.
- **Do not** use the MongoosePro VCI tool.
- Make sure the 12-volt battery is fully charged before starting an update.
- 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 powertrain control module 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.

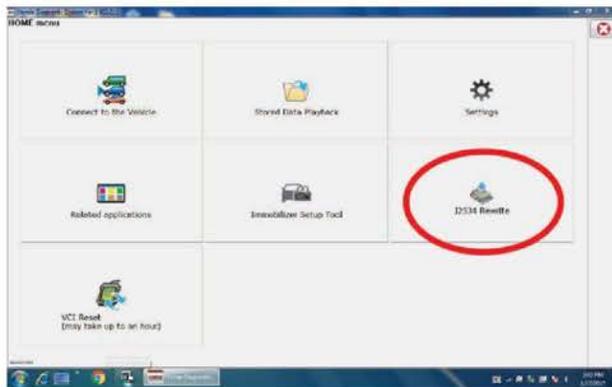


1. Make sure the parking brake is applied and the headlights are off.
2. Update the PGM-FI software by selecting the **i-HDS Diagnostic System** icon. Refer to Service Bulletin 01-026, *Updating Control Units/ Modules*.

NOTE: Do not use the **Rewrite** icon on your desktop.



3. Select **J2534 Rewrite**.



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



5. 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 PGM-FI data list. The header should indicate one of the following numbers (or later).

| | | | |
|---------------|---------------|---------------|---------------|
| 37805-R9S-A85 | 37805-R9S-A95 | 37805-R9S-A77 | 37805-R9S-A03 |
|---------------|---------------|---------------|---------------|

- If the program part number (or later) is not displayed, the i-HDS software needs to be reinstalled. Contact the Special Tools Hotline at **800-346-6327** for assistance.



END