

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.

		Error Display	
Error 50 DATA LINK COMMUNIC Make sure correct VCI d Make sure that the ignitis Press ENTER.	ATION ERROR evice is selected in the on switch is on, and re	e settings menu. try programming.	
System :			
Current Program ID			
Program ID :			
Model :			
Update Description :			
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To change this, click on either of the **SETTING** selection buttons at the bottom of the J2534 initial screens as shown.

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Ronda ECU Reprogramming	HONDA
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reprisons considerwales. Close Help SETTING Error Display Start	Close SETTING Start

- 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.

londa J2534 Pass Thru ECU Repro	gramming Ver. 1.1.0.1			
		HONDA The Power of Dreams		
	Hond	a ECU Reprogra	amming	
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Do not perform CM Up If a wireless con	dates across any typ nection is disrupted (Nways perform CM (WARNING e of wireless connectio during CM Update, perr Jpdates using the cable	n between the laptop and nanent damage to the EC/ e of the interface device.	the interface device. U is possible
IMPORTANT NOTICE: Amer Pass Thru Programming so applicable control modules.	can Honda Motor Co., In Rware: Using the latest	c. urges end users to alway version of the software is th	rs use the latest production rele e best way to ensure successfi	ease of the J2534 Honda ul reprogramming of
Close	Help	SETTING	Error Display	Start

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