

October 12, 2017

07459 Version 3

MIL Comes On with DTC P0430 (Front Bank Catalyst System Efficiency Below Threshold [Bank 2])

Supersedes 17-034, dated September 13, 2017; to revise the information highlighted in yellow

Replaces 15-053, *MIL Comes On with DTC P0430* Replaces 17-019, *MIL Comes On with DTC P0430*

AFFECTED VEHICLES

Year	Model	Trim	VIN range
2014–17	MDX	ALL except Hybrid	ALL
2015–18	TLX	V6 Only	ALL
<mark>2014–17</mark>	RLX	ALL	ALL
2014	RLX Sport Hybrid	ALL	ALL
2016–17	RLX Sport Hybrid	ALL	ALL

REVISION SUMMARY

- Added 2014–17 RLX SOFTWARE INFORMATION.
- Updated information under SOFTWARE INFORMATION.

SYMPTOM

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

PROBABLE CAUSE

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

CORRECTIVE ACTION

Update the PGM-FI software and confirm the 9AT software.

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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255C1	Update the PGM-FI software.	0.2 hr	00044	00047	D470044	
В	Confirm 9AT software update only.	0.1 hr	03214	03217	B17034A	37805-536-A69

NOTE: Use the warranty information below only if the 9AT software update was required.

1255C1	Update the PGM-FI software.	0.2 hr				
В	Confirm 9AT software update only.	0.1 hr	03214	03217	B17034B	37805-5J6-A69
С	Perform 9AT software update.	0.1 hr				

Skill Level: Repair Technician

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: 1.004.002 or later

J2534 Software Information:

PC Application Version 1.1.0.2 or later

Database update 06-0CT-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 software 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 01-026, *Updating Control Units/Modules*.

	Year/Model		Program ID (or later)	Program P/N (or later)	
		Base	162150	27805 5 16 215	
	2014–15 2WD	Tech with Entertainment	303130	37803-310-315	
		Advance with Entertainment	J63160	37805-5J6-316	
		Base	162170	27905 5 16 217	
	2014–15 AWD	Tech with Entertainment	303170	37000-000-017	
X		Advance with Entertainment J64080		37805-5J6-408	
MD		Base		37805-5J6-406	
		Tech	J64060		
		Tech with Entertainment			
	2016 2WD	Base with AWP*			
	9A/T**	Tech with AWP*	J64070	37805-5J6-407	
		Tech with Entertainment and AWP*			
		Advance	165060	27805 5 16 506	
		Advance with Entertainment	103000	31003-310-300	

		Base			
		Tech	J64090	37805-5J6-409	
		Tech with Entertainment			
	2016 AWD 9A/T**	Base with AWP*			
		Tech with AWP*	J65050	37805-5J6-505	
		Tech with Entertainment and AWP*			
		Advance	165070		
		Advance with Entertainment	J05070	31902-206-201	
X		Base			
M	2017 2WD 9A/T**	Tech	J6C240	37805-5J6-C24	
	0, 1	Tech with Entertainment			
		Base			
	2017 AWD 9A/T**	Tech	J6C640	37805-5J6-C64	
		Tech with Entertainment			
	2017 2WD	Advance	160840	37805-5 16-084	
	9A/T**	Advance with Entertainment	300040	37803-530-684	
	2017 AWD	Advance	160940	37805-5 16-004	
	9A/T**	Advance with Entertainment	300340		
	2015–16 V6 2WD 9A/T**	Base	123050	37805-5 12-305	
		Tech	323030	07000 002 000	
		Advance	J23060	37805-5J2-306	
	2015–16 V6	Tech	J23070	37805-5J2-307	
	AWD 9A/T**	Advance	J23090	37805-5J2-309	
		Base	124050	37805-5 12-405	
	2017 V6 200D 9A/T**	Tech	024030	07000 002 400	
		Advance	J24060	37805-5J2-406	
		Base	124070	37805-5 12-407	
Ê	2017 V6 AVVD 9A/T**	Tech	024070	57005 352 407	
		Advance	J24080	37805-5J2-408	
		Base			
	2018 V6 2WD	Tech	120540	37805-5 12-054	
	9A/T**	Advance	320340	57005-552-054	
		Tech A-Spec			
		Base			
	2018 V6	Tech	12C640	37805-5 12-064	
	AWD 9A/T**	Advance	020040	01000 002-004	
		Tech A-Spec			

*AcuraWatch Plus ** Confirm that the 9A/T software is up to date.

	2014 Sport Hybrid	Tech	9SA850	37805-R9S-A85
×		Advance	9SA950	37805-R9S-A95
R	2016 Sport Hybrid	ALL	9SA770	37805-R9S-A77
	2017 Sport Hybrid	ALL	9SA030	37805-R9S-A03

		Base, Base with Navi	004240	
	<mark>2014</mark>	Tech, Tech wtih Audio	9PA310	37003-K9P-A31
		Advance	<mark>9PA410</mark>	<mark>37805-R9P-A41</mark>
		Base, Base with Navi		27905 DOD A21
	<mark>2015</mark>	Tech, Tech with Krell	9FA310	37003-R9F-A31
LX N		Advance	<mark>9PA410</mark>	37805-R9P-A41
_		Base with Navi	<mark>9PA740</mark>	<mark>37805-R9P-A74</mark>
	<mark>2016</mark>	Tech		
		Advance	9PA040	37003-K9P-A04
	0047	Tech	004020	
	2017	Advance	9PA930	37805-K9P-A93

REPAIR PROCEDURE

NOTE:

- You cannot 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 PCM 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 COMMUNICA Make sure correct VCI dev Make sure that the ignition Press ENTER.	TION ERROR ice is selected in th switch is on, and re	e settings menu. etry programming.	
System :			
Current Program ID :			
Program ID :			
Model :			
Update Description :			

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

	The Private of Dharase Honda ECU Reprogramming			но	NDA	
Do not perform If a wire	WARNING CM Updates across any type of vitreless connection between the less connection is disrupted during CM Update, permanent demag Always perform CM Updates using the cable of the interfa-	laptop and the interface device. Je to the ECU is possible. ce device.	Enter 1	the Service Bulletin No.	Do not enter bulletin number	
IMPORTANT NOTICE Thru Programming so modules. Close	American Honda Motor Co., no. unges end users to always use the latest produ- dware. Using the latest version of the software is the best way to ensure succes. Help SETTING Error D	ction release of the J2334 Honds Pass skil reprogramming of applicable control	Ciose SE	ETTING		Start

1. Update the PGM-FI or A/T 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.



2. Select J2534 Rewrite.



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

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2				
	HONDA The Power of Dreams			
	Honda ECU Reprogramming			
	PC Application version:1.1.0.2			
	Calibration Files :1855			
	NoticeDB version:06-OCT-2017			
Do not perform	WARNING CM Undates across any type of wireless connection between the lanton and the in	terface device		
If a wirele	ess connection is disrupted during CM Update, permanent damage to the ECU is p	ossible.		
	Always perform CM Updates using the cable of the interface device.			
IMPORTANT NOTIC Pass Thru Program applicable control m	E: American Honda Motor Co., Inc. urges end users to always use the latest production release or iming software. Using the latest version of the software is the best way to ensure successful repr nodules.	of the J2534 Honda Togramming of		
Close	Help SETTING Error Display	Start		

4. 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):

			•
37805-5J6-315	37805-5J6-316	37805-5J6-317	37805-5J6-408
37805-5J6-406	37805-5J6-407	37805-5J6-506	37805-5J6-409
37805-5J6-505	37805-5J6-507	37805-5J6-C24	37805-5J6-C64
37805-5J6-C84	37805-5J6-C94	37805-5J2-305	37805-5J2-306
37805-5J2-307	37805-5J2-309	37805-5J2-405	37805-5J2-406
37805-5J2-407	37805-5J2-408	37805-5J2-C54	37805-5J2-C64
37805-R9S-A85	37805-R9S-A95	37805-R9S-A77	37805-R9S-A03
37805-R9P-A31	37805-R9P-A41	37805-R9P-A74	37805-R9P-A84
37805-R9P-A93			

- 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.
- 5. Go to 9AT CONFIRMATION PROCEDURE.

9AT CONFIRMATION PROCEDURE

NOTE: This only applies to 9AT equipped vehicles.

1. Select J2534 Rewrite.



2. Select Start.



3. Select Start.



4. Select Next.

Honda J2534 Pass Thru ECU Reprogramming 1	Ver. 1.1.0.2	
FW Ver 1.10.2 Detabase Update : 06-OCT-2017 Calibration Files : 1855 NoticeDB version 06-OCT-2017	CM Update Mode	
Back		Next

5. Select Next.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2				
CM Update Mode				
Use a battery booster while reprogramming the vehicle. Press ENTER.				
1. Connect the PC to the Pass-thru device.				
 At the vehicle, turn the ignition switch ON(II), then connect the pass-thru device to the vehicle's SAE J1962 connector (DLC). 				
3. Click Next to continue.				
Back Help Next				

6. Select **Next** and a loading screen will apear.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2				
VIN & Repair Order				
VIN	19UUB2F73GA000091			
Benair Order#:	975333			
Odometer(mile):	10052			
Back	Next			
Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2				
Place wait a memori				
Please wait a moment				
Cancel				

7. Check if **TCM** appears under **System Selection**.

Does TCM appear under System Selection?

Yes – Select Select then ENTER on the next screen to update the TCM software.

No – The TCM software is up to date.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2
System Selection
TCM
Back Select

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2		
Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2 Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69	CM Update Mode	
Model : TLX Update Description : Running Change		
Back	(ENTER

8. Do the PCM idle learn procedure. Refer to the service information.

END