

# August 23, 2017

07227 Version 1

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

#### **AFFECTED VEHICLES**

Year	Model	Trim	VIN range
2016–17	MDX	ALL	ALL
2015	TLX	V6 Only	ALL
2016	TLX	V6 Only	ALL
2018	TLX	V6 Only	ALL

#### 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.

## 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	00014	00047	D470044	
В	Confirm 9AT software update only.	0.1 hr	03214	03217	B17034A	37805-5J6-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

**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 or MVCI are not covered under warranty.

i-HDS Software Version: 1.003.015 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 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		
		Tech	J64060	37805-5J6-406
		Tech with Entertainment		
	2016 2WD	Base with AWP*		
	9A/T**	Tech with AWP*	J64070	37805-5J6-407
		Tech with Entertainment and AWP*		
		Advance	J65060	37805-5J6-506
		Advance with Entertainment	303000	37803-330-300
		Base		
		Tech	J64090	37805-5J6-409
		Tech with Entertainment		
×	2016 AWD	Base with AWP*		
MDX	9A/T**	Tech with AWP*	J65050	37805-5J6-505
		Tech with Entertainment and AWP*		
		Advance		37805-5J6-507
		Advance with Entertainment	303070	37003-330-301
	0047 0000	Base		
	2017 2WD 9A/T**	Tech	J6C240	37805-5J6-C24
		Tech with Entertainment		
		Base		
	2017 AWD 9A/T**	Tech	J6C640	37805-5J6-C64
		Tech with Entertainment		
	2017 2WD	Advance		37805-5J6-C84
	9A/T**	Advance with Entertainment	300040	37000-000-004
	2017 AWD	Advance	J6C940	37805-5J6-C94
	9A/T**	Advance with Entertainment	300340	37003-330-034

\* AcuraWatch Plus

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

		Base	J23050	
	2015–16 V6 2WD 9A/T**	Tech	J23050	37805-5J2-305
	2002 0701	Advance	J23060	37805-5J2-306
	2015–16 V6	Tech	J23070	37805-5J2-307
	AWD 9A/T**	Advance	J23090	37805-5J2-309
		Base		
TLX	2018 V6	Tech	J2C540	37805-5J2-C54
	2WD 9A/T**	Advance	J2C040	57605-552-054
		Tech A-Spec		
		Base		
	2018 V6	Tech	J2C640	37805-5J2-C64
	AWD 9A/T**	Advance	520040	37000-002-004
		Tech A-Spec		

#### \*AcuraWatch Plus

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

#### **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 de Make sure that the ignition Press ENTER.	vice is selected in the			
System :				
Current Program ID :				
Program ID :				
Model :				
Update Description :				
Back	Help	Print	Next	

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

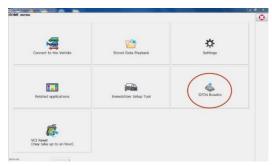


1. Update the PGM-FI or A/T software by selecting the **i-HDS Disagnostic System** icon. Refer to service bulletin 01-026, *Updating Control Units/Modules*.

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 Rep	rogramming Ver. 1.1.0.2			
	1	HONDA The Power of Dreams	-	
	Honda	ECU Reprogra	mming	
lf a wireless co	Datat ( Notic pdates across any type ( nnection is disrupted du Always perform CM Up	ring CM Update, perm dates using the cable	2017 2017 n between the laptop and th nanent damage to the ECU	is possible.
	oftware. Using the latest ver		e best way to ensure successful	
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):

37805-5J6-406	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-C54	37805-5J2-C64

• 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.

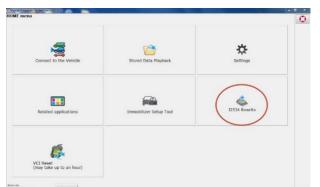


5. Go to 9AT CONFIRMATION PROCEDURE.

## 9AT CONFIRMATION PROCEDURE

NOTE: This only applies to 9AT equipped vehicles.

1. Select J2534 Rewrite.



2. Select Start.



3. Select Start.



#### 4. Select Next.

onde (2534 Paul Thru ECU Reprogramming )	w.1102	
FW Ver	CM Update Mode	
1.1.0.2 Database Update : 12-JUL-2017		
Calibration Files : 1841 NoticeOB version 12-JUL-2017		
		$\sim$
Back		Next

### 5. Select Next.

Honda J2334 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.	
<ol> <li>At the vehicle, turn the ignition switch ON(II), then connect the pass-thru device to the vehicle's SAE J1962 connector (DLC).</li> </ol>	2
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	
Repair Order#:	975333	
Odometer(mile):	10052	
Back		Next
Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2		
Please wait a moment		
Cancel		

7. Check if **TCM** appears 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	
ТСМ		
Back		Select
Honda J2534 Pass Thru ECU Reprogramming Ver	. 1.1.0.2	
Honda J2534 Pass Thru ECU Reprogramming Ver	: 1.1.0.2 CM Update Mode	
Current Program ID : J4A680		
Current Program ID : J4A680 Available Update System: TCM		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No :		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX Update Description :		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX Update Description :		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX Update Description :		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX Update Description :		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX Update Description :		
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : TLX Update Description :		ENTER

8. Do the PCM idle learn procedure.

END