September 13, 2017

07329 Version 3

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

Supersedes 17-036, dated August 16, 2017; to revise the section highlighted in yellow

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2016–17	Pilot	ALL	ALL
2018	Odyssey	ALL	ALL
2017	Ridgeline	ALL	ALL

REVISION SUMMARY

Added a step under REPAIR PROCEDURE.

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
1255C1	Update the PGM-FI software.	0.2 hr	00044	00047	47.0000	
В	Confirm 9AT software update only - add.	0.1 hr	03214	03217	17-036B	37805-RLV-315

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

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255C1	Update the PGM-FI software.	0.2 hr				
В	Confirm 9A/T software update only - add.	0.1 hr	03214	03217	17-036C	37805-RLV-315
С	Do the 9A/T software update - add.	0.1 hr				

Skill Level: Repair Technician

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.

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 vehicle, you must use the DST-i interface or MVCI 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)	
	LX 2WD			
	EX 2WD			
	EX-L 2WD	LV3150	37805-RLV-315	
	EX-L (NAVI) 2WD			
	EX-L (RES) 2WD			
	LX 4WD			
	EX 4WD			
	EX-L 4WD	LV3160	37805-RLV-316	
2016 Pilot	EX-L (NAVI) 4WD			
	EX-L (RES) 4WD			
	EX (Sensing) 2WD	1.1/0470	07005 DUV 047	
	EX-L (Sensing) 2WD	LV3170	37805-RLV-317	
	EX (Sensing) 4WD	11/0400	37805-RLV-318	
	EX-L (Sensing) 4WD	LV3180		
	*TRG (9A/T) 2WD	LV4060	37805-RLV-406	
	*TRG (9A/T) 4WD	11/4070	07005 DLV 407	
	*Elite (9A/T) 4WD	LV4070	37805-RLV 407	
	LX 2WD			
	EX 2WD		37805-RLV-C03	
	EX-L 2WD	LVC030		
	EX-L (NAVI) 2WD			
	EX-L (RES) 2WD			
	LX 4WD			
	EX 4WD			
	EX-L 4WD	LVC130	37805-RLV-C13	
2017 Pilot	EX-L (NAVI) 4WD			
	EX-L (RES) 4WD			
	EX (Sensing) 2WD	1.1/0000	07005 DLV 000	
	EX-L (Sensing) 2WD	LVC230	37805-RLV-C23	
	EX (Sensing) 4WD	1.1/0200	07005 BLV 000	
	EX-L (Sensing) 4WD	LVC330	37805-RLV-C33	
	*TRG (9A/T) 2WD	LVC430	37805-RLV-C43	
	*TRG (9A/T) 4WD	11/0500		
	*Elite (9A/T) 4WD	LVC530	37805-RLV-C53	

	*LX	MRA040	37805-5MR-A04	
	*EX			
	*EX-L	MRA250	37805-5MR-A25	
2018 Odyssey	*EX-L (NAVI, RES)			
	TRG		37805-5MR-A75	
	Elite	IVIKA750		
	RTL 4WD		37805-5MJ-A56	
	RTL-T 4WD	MJA560		
	Sport 4WD			
	Black 4WD	MIAZCO	37805-5MJ-A76	
2017 Ridgeline	RTL-E 4WD	IVIJA760		
	RT 2WD			
	RTL 2WD	MIAOGO		
	RTL-T 2WD	IVIJAU6U	37000-31VIJ-AU0	
	Sport 2WD	1		

* 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 COMMUNIC, Make sure correct VCI de Make sure that the ignitic Press ENTER.	ATION ERROR evice is selected in the on switch is on, and ret	settings menu. ry 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.



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 E	CU Reprogramming Ver. 1.1.0.2						
	HONDA The Power of Dreams						
	Honda ECU Reprogramming						
	PC Application version:1.1.0.2 Database Update :12-JUL-2017						
	Calibration Files :1841 NoticeDB version:12-JUL-2017						
	WARNING						
Do not perform	CM Updates across any type of wireless connection between the laptop and the in	nterface device.					
ii a wirele	Always perform CM Updates using the cable of the interface device.						
IMPORTANT NOTICE: American Honda Motor Co., Inc. urges end users to always use the latest production release of the J2534 Honda Pass Thru Programming software. Using the latest version of the software is the best way to ensure successful reprogramming of applicable control modules.							
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-RLV-315	37805-RLV-316	37805-RLV-317	37805-RLV-318
37805-RLV-406	37805-RLV-407	37805-RLV-C03	37805-RLV-C13
37805-RLV-C23	37805-RLV-C33	37805-RLV-C43	37805-RLV-C53
37805-5MR-A04	37805-5MR-A25	37805-5MR-A75	37805-5MJ-A56
37805-5MJ-A76	37805-5MJ-A06		

• 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.



Confirm 9AT Software is Up to Date

1. Select J2534 Rewrite.

enu		
Connect to the Vehicle	Stored Data Playback	Settings
Related applications	Immobilizer Setup Tool	J2534 Rewrite
VCI Reset (may take up to an hour)		

2. Select Start.

HC	DNDA
Enter the Service Bulletin No.	Do not enter bulletin number.

3. Select Start.

		HONDA The Power of Dreams		
	Hone	a ECU Reprogra	amming	
	P Da No	C Application version:1. tabase Update :12-JUL Calibration Files :184 ticeDB version:12-JUL	1.0.2 -2017 1 -2017	
		WARNING		
Do not perform CM Up If a wireless co	dates across any typ nnection is disrupted	e of wireless connectio during CM Update, per	on between the laptop an manent damage to the E	d the interface device. CU is possible.
	Always perform CM	Updates using the cable	e of the interface device.	
IMPORTANT NOTICE: Ame Pass Thru Programming s applicable control modules	rican Honda Motor Co., Ir oftware. Using the latest I.	nc. urges end users to alwa version of the software is th	ys use the latest production r e best way to ensure succes	elease of the J2534 Honda sful reprogramming of
]		

4. Select Next.

Honda J2534 Pass Thru ECU Reprogramming	Ver. 1.1.0.2	
FW Ver. 1.1.0.2 Database Update : 12-JUL-2017 Calibration Files : 1841 NoticeDB version 12-JUL-2017	CM Update Mode	
Back		Next

5. Select Next.

da 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.
2. 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 appear.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2	
	/IN & Repair Order
VIN	19III IB2E73GA000091
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?
 - If it appears, choose **Select** then **ENTER** on the next screen to update the TCM software.
 - If it does not appear, the TCM software is up to date.

	System Selection	
ТСМ		
		\sim
Back		Select
- 19534 Perce The COLI Percentage in 14 - 11 0 2	-	
na 1/15/4 Vacc I brill FLUL Keprodrammind Ver 1 1117		
da J2554 Pass Thru ECU Reprogramming Ver. 1.1.0.2		
da J2004 Pass Tinu ECU keprogramming ver. 1.1.0.2	CM Update Mode	
Current Program ID :	CM Update Mode	
Current Program ID : J4A680 Available Update System:	CM Update Mode	
Current Program ID : J4A880 Avaiable Update System: TCM Program ID :	CM Update Mode	
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program ID :	CM Update Mode	
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-69 Model :	CM Update Mode	
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : Pilot Update Description : Duraging Charge	CM Update Mode	
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : Pilot Update Description : Running Change	CM Update Mode	
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : Pilot Update Description : Running Change	CM Update Mode	
Current Program ID : J4A680 Avalable Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : Pilot Update Description : Running Change	CM Update Mode	
Current Program ID : J4Aô80 Avalable Update System: TCM Program ID : J4Aô90 Program Part No : 28101-5J4-A69 Model : Pilot Update Description : Running Change	CM Update Mode	
Current Program ID : J4A680 Avalable Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : Pilot Update Description : Running Change	CM Update Mode	
Current Program ID : J4A680 Available Update System: TCM Program ID : J4A690 Program Part No : 28101-5J4-A69 Model : Pilot Update Description : Running Change	CM Update Mode	ENTER

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

END