

January 24, 2017

07974 Version 4

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

Supersedes 17-034, dated October 12, 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
2014-16	MDX (except Sport Hybrid)	ALL	ALL
2017	MDX (except Sport Hybrid)	2WD	5FRYD3...HB000001 - 5FRYD3...HB014264
			5J8YD3...HL000001 - 5J8YD3...HL000229
		SH-AWD	5FRYD4...HB000001 - 5FRYD4...HB040999
			5J8YD4...HL000001 - 5J8YD4...HL000507
2015-17	TLX	V6 Only	ALL
2018	TLX	2WD (V6 Only)	19UUB2...JA000001 - 19UUB2...JA003458
		SH-AWD	19UUB3...JA000001 - 19UUB3...JA001898
2014-17	RLX	ALL	ALL
2014	RLX Sport Hybrid	ALL	ALL
2016	RLX Sport Hybrid	ALL	ALL
2017	RLX Sport Hybrid	ALL	JH4KC2...HC000001 - JH4KC2...HC000121

REVISION SUMMARY

- Updated VIN ranges on **AFFECTED VEHICLES**.
- Updated i-HDS Software Version in **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	03214	03217	B17034A	37805-5J6-A69
B	Confirm 9AT software update only.	0.1 hr				

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

1255C1	Update the PGM-FI software.	0.2 hr	03214	03217	B17034B	37805-5J6-A69
B	Confirm 9AT software update only.	0.1 hr				
C	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: **1.004.005 or later**

J2534 Software Information:

PC Application Version **1.1.0.2 or later**

Database update **06-OCT-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)
	MDX	2014–15 2WD	Base	J63150
Tech with Entertainment				
Advance with Entertainment				
2014–15 AWD		Base	J63170	37805-5J6-317
		Tech with Entertainment		
		Advance with Entertainment		
2016 2WD 9AT**		Base	J64060	37805-5J6-406
		Tech		
		Tech with Entertainment		
		Base with AWP*	J64070	37805-5J6-407
		Tech with AWP*		
		Tech with Entertainment and AWP*		
	Advance	J65060	37805-5J6-506	
Advance with Entertainment				

MDX	2016 AWD 9A/T**	Base	J64090	37805-5J6-409	
		Tech			
		Tech with Entertainment			
		2017 2WD 9A/T**	Base with AWP*	J65050	37805-5J6-505
			Tech with AWP*		
			Tech with Entertainment and AWP*		
		2017 AWD 9A/T**	Advance	J65070	37805-5J6-507
			Advance with Entertainment		
	2017 2WD 9A/T**		Base	J6C240	37805-5J6-C24
		Tech			
		Tech with Entertainment			
	2017 AWD 9A/T**	Base	J6C640	37805-5J6-C64	
		Tech			
		Tech with Entertainment			
	2017 2WD 9A/T**	Advance	J6C840	37805-5J6-C84	
Advance with Entertainment					
2017 AWD 9A/T**	Advance	J6C940	37805-5J6-C94		
	Advance with Entertainment				
TLX	2015–16 V6 2WD 9A/T**	Base	J23050	37805-5J2-305	
		Tech			
		Advance			
	2015–16 V6 AWD 9A/T**	Tech	J23070	37805-5J2-307	
		Advance	J23090	37805-5J2-309	
	2017 V6 2WD 9A/T**	Base	J24050	37805-5J2-405	
		Tech			
		Advance			
	2017 V6 AWD 9A/T**	Base	J24070	37805-5J2-407	
		Tech			
		Advance			
	2018 V6 2WD 9A/T**	Base	J2C540	37805-5J2-C54	
		Tech			
		Advance			
		Tech A-Spec			
2018 V6 AWD 9A/T**	Base	J2C640	37805-5J2-C64		
	Tech				
	Advance				
	Tech A-Spec				

*AcuraWatch Plus

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

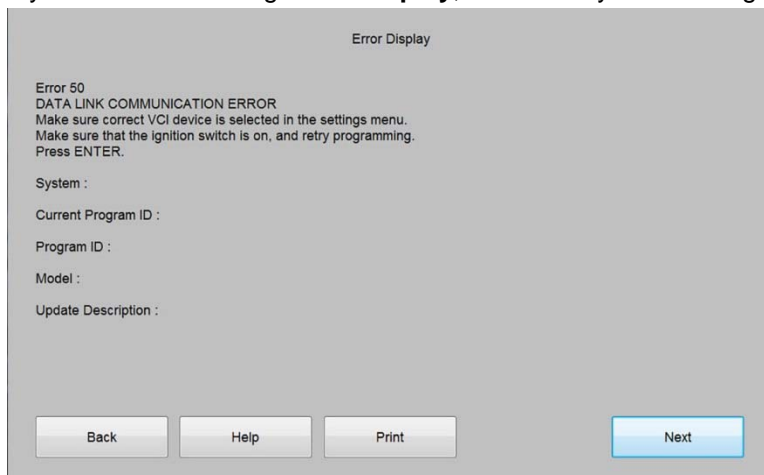
RLX	2014 Sport Hybrid	Tech	9SA850	37805-R9S-A85
		Advance	9SA950	37805-R9S-A95
	2016 Sport Hybrid	ALL	9SA770	37805-R9S-A77
	2017 Sport Hybrid	ALL	9SA030	37805-R9S-A03

RLX	2014	Base, Base with Navi	9PA310	37805-R9P-A31
		Tech, Tech with Audio		
		Advance		
	2015	Base, Base with Navi	9PA310	37805-R9P-A31
		Tech, Tech with Krell		
		Advance		
	2016	Base with Navi	9PA740	37805-R9P-A74
		Tech	9PA840	37805-R9P-A84
		Advance		
	2017	Tech	9PA930	37805-R9P-A93
Advance				

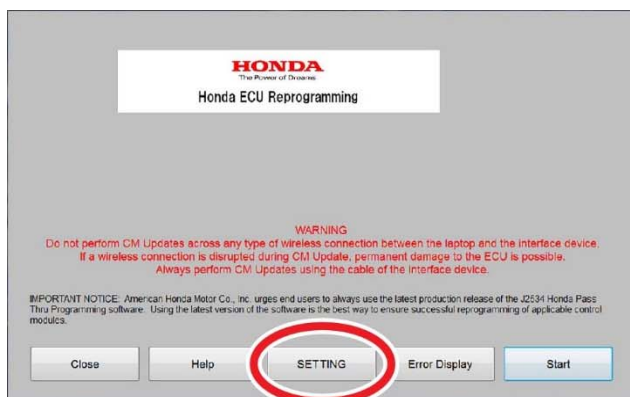
REPAIR PROCEDURE

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.

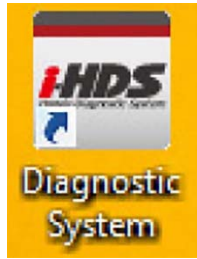


To change this, click on either of the **SETTING** selection buttons at the bottom of the J2534 initial screens as shown.

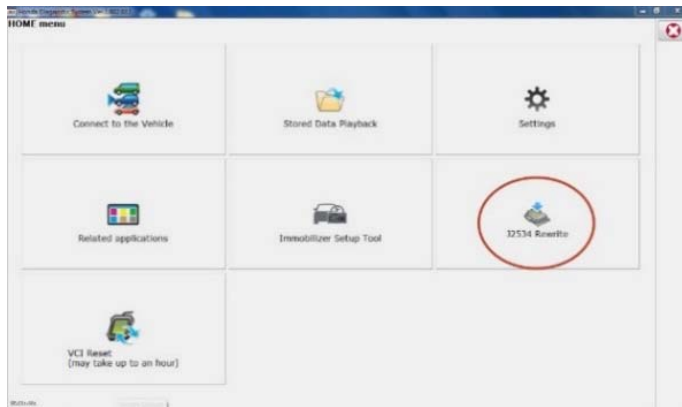


1. Update the PGM-FI or A/T software by selecting the **i-HDS Diagnostic System** icon. Refer to service bulletin 01-026, *Updating Control Units/Modules*.

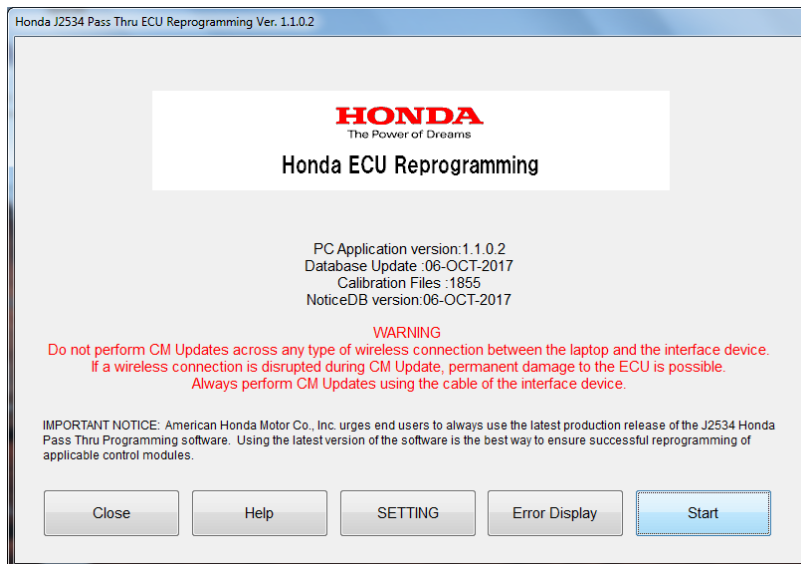
NOTE: Do not use the **Rewrite** icon on your desktop.



2. Select **J2534 Rewrite**.



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



- 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			

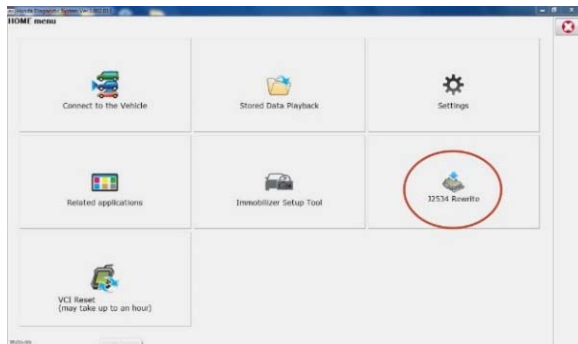
- If the program part numbers do not match those listed above, the i-HDS software needs to be reinstalled. Contact the Special Tools Hotline at **800-346-6327** for assistance.

- Go to 9AT CONFIRMATION PROCEDURE.

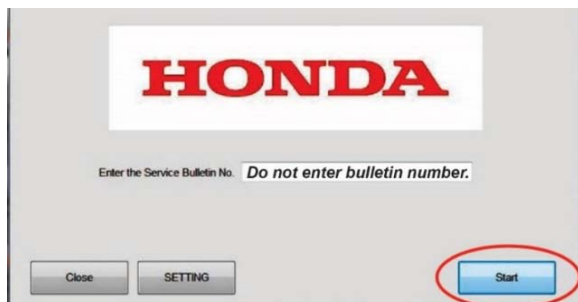
9AT CONFIRMATION PROCEDURE

NOTE: This only applies to 9AT equipped vehicles.

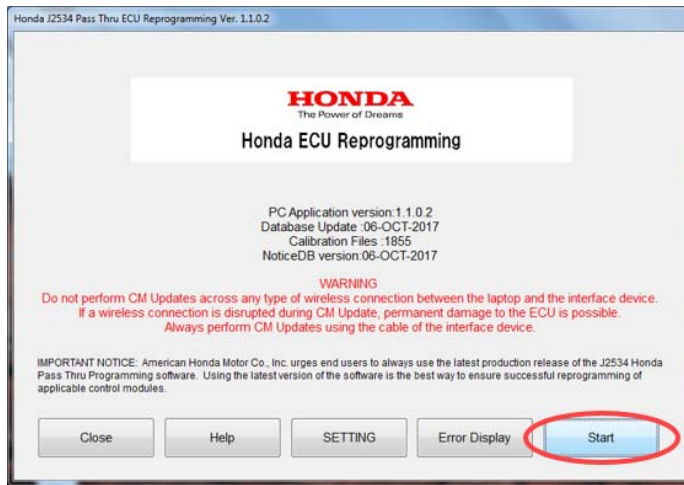
- Select **J2534 Rewrite**.



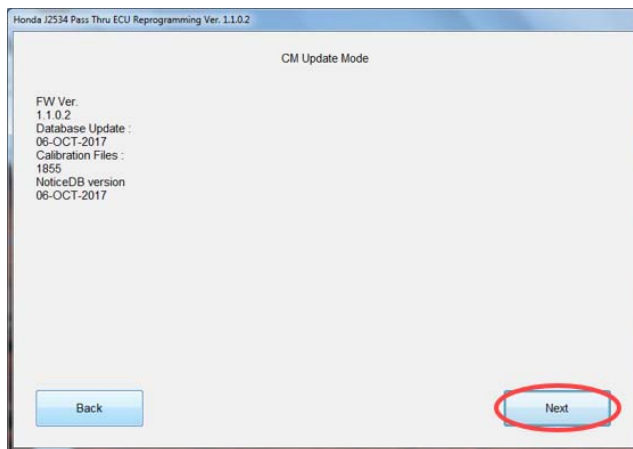
- Select **Start**.



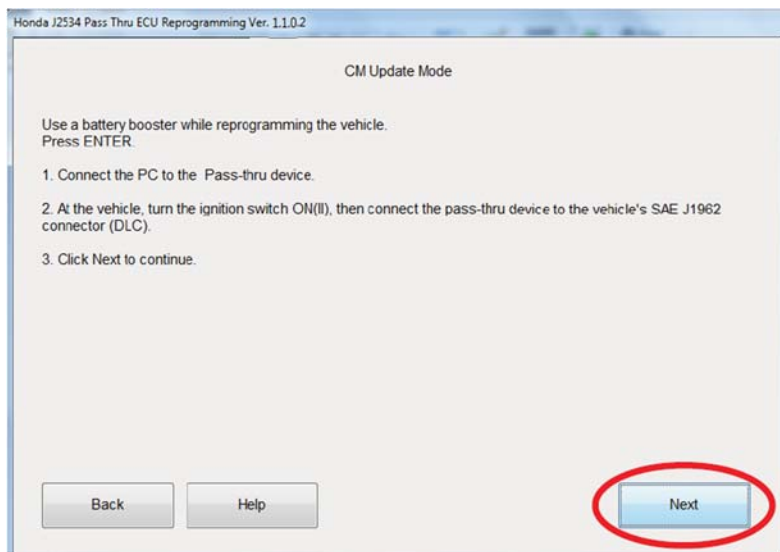
3. Select **Start**.



4. Select **Next**.



5. Select **Next**.



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

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**.

Does TCM appear under System Selection?

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

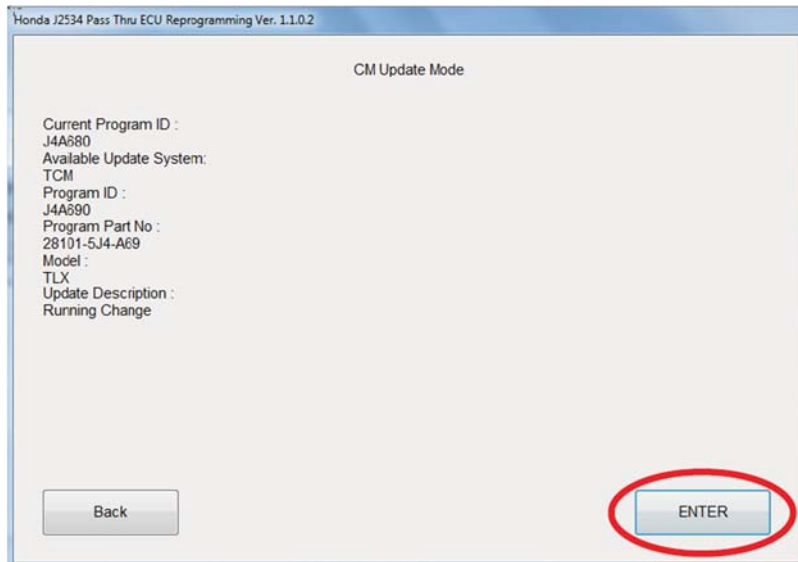
No – The TCM software is up to date.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2

System Selection

TCM

Back Select



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

END