

June 20, 2017

06423 Version 1

MIL Is On with DTC P0430

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2016	Pilot	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
1255C1	Update the PGM-FI software.	0.2 hr	03214	03217	17-036B	37805-RLV-315
B	Confirm 9AT software update only - add.	0.1 hr				

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	17-036C	37805-RLV-315
B	Confirm 9A/T software update only - add.	0.1 hr				
C	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: **1.003.003 or later**

J2534 Software Information:

PC Application Version **1.1.0.2 or later**

Database update 01-JUNE-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*.

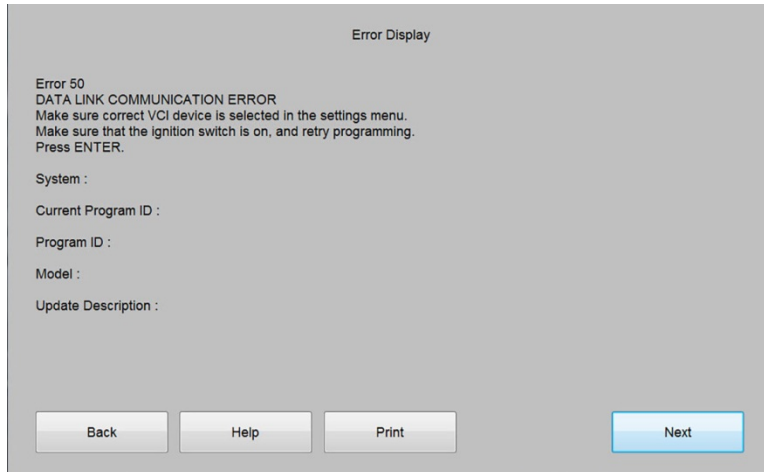
Year/Model		Program ID (or later)	Program P/N (or later)
2016 Pilot	LX 2WD	LV3150	37805-RLV-315
	EX 2WD		
	EX-L 2WD		
	EX-L (NAVI) 2WD		
	EX-L (RES) 2WD		
	LX 4WD	LV3160	37805-RLV-316
	EX 4WD		
	EX-L 4WD		
	EX-L (NAVI) 4WD		
	EX-L (RES) 4WD		
	EX (Sensing) 2WD	LV3170	37805-RLV-317
	EX-L (Sensing) 2WD		
	EX (Sensing) 4WD	LV3180	37805-RLV-318
	EX-L (Sensing) 4WD		
	*TRG (9A/T) 2WD	LV4060	37805-RLV-406
	*TRG (9A/T) 4WD	LV4070	37805-RLV 407
*Elite (9A/T) 4WD			

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

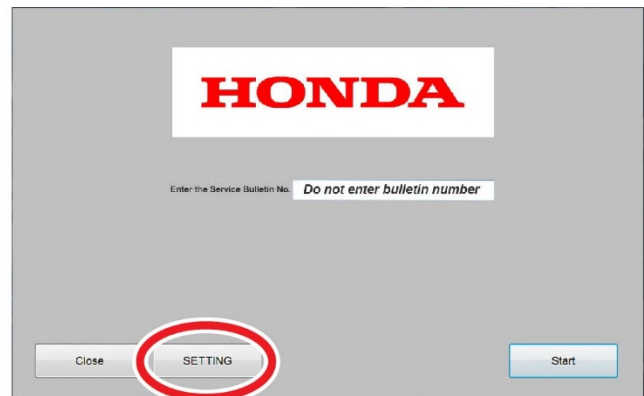
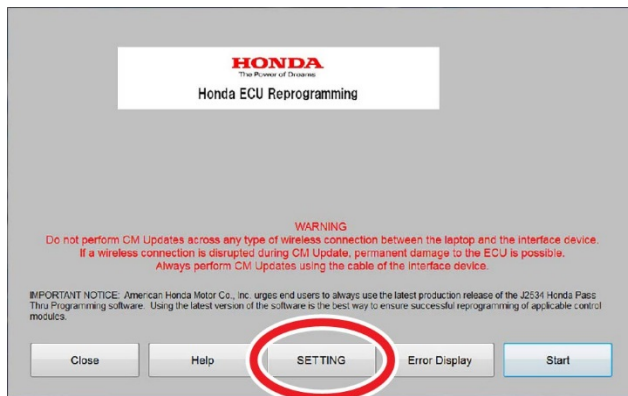
REPAIR PROCEDURE

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.

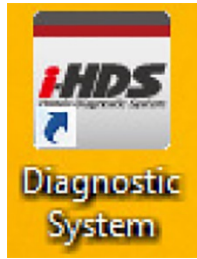


To change this, click on either of the **SETTING** selection buttons at the bottom of the J2534 initial screens as shown.

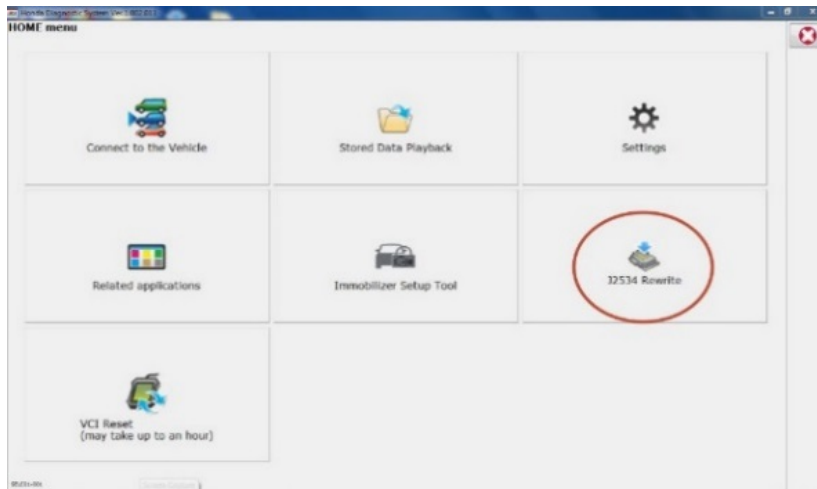


1. Update the PGM-FI or A/T software by selecting the **i-HDS Diagnostic System** icon. Refer to service bulletin 01-026, *Updating Control Units/Modules*.

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.



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):

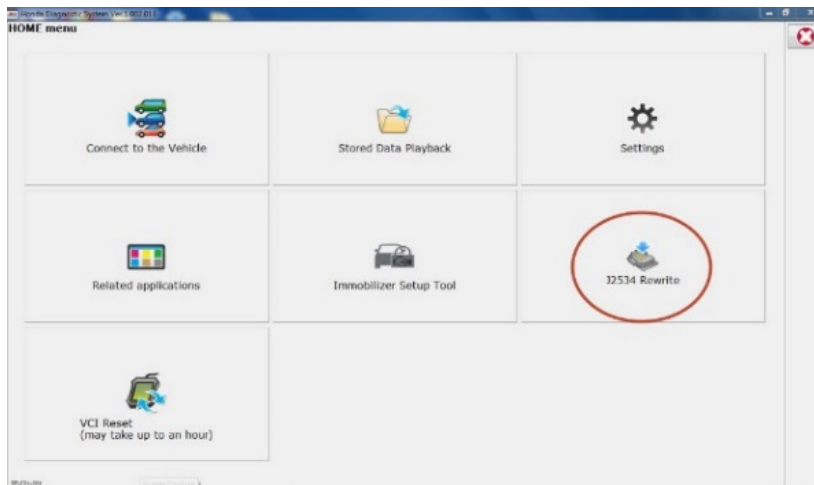
37805-RLV-315	37805-RLV-316	37805-RLV-317
37805-RLV-318	37805-RLV-406	37805-RLV 407

- 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**.



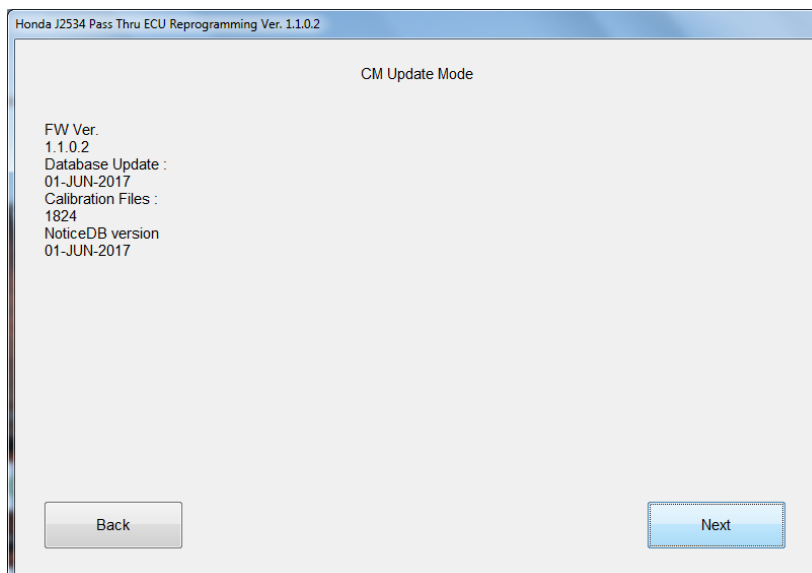
2. Select **Start**.



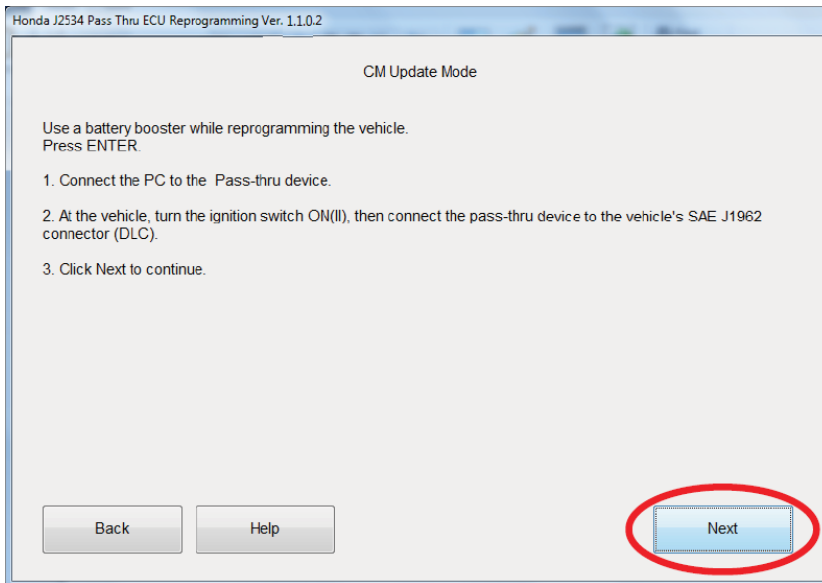
3. Select **Start**.



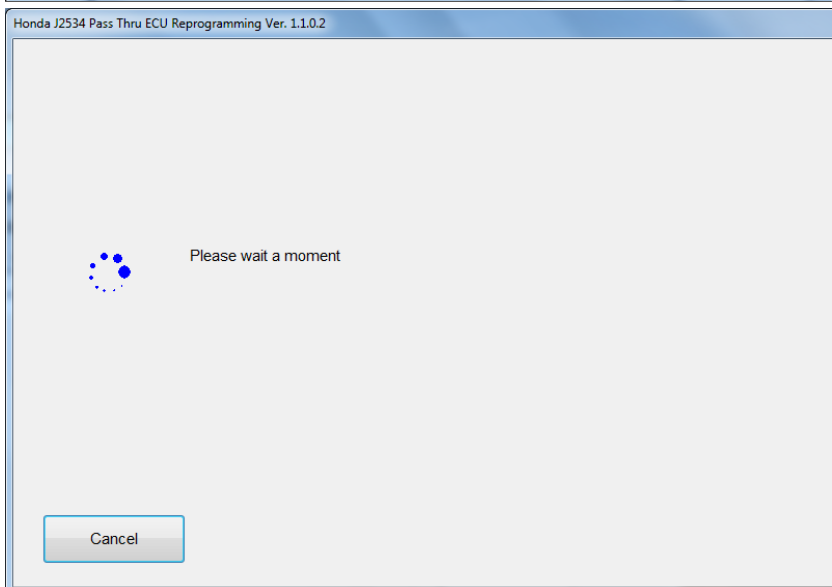
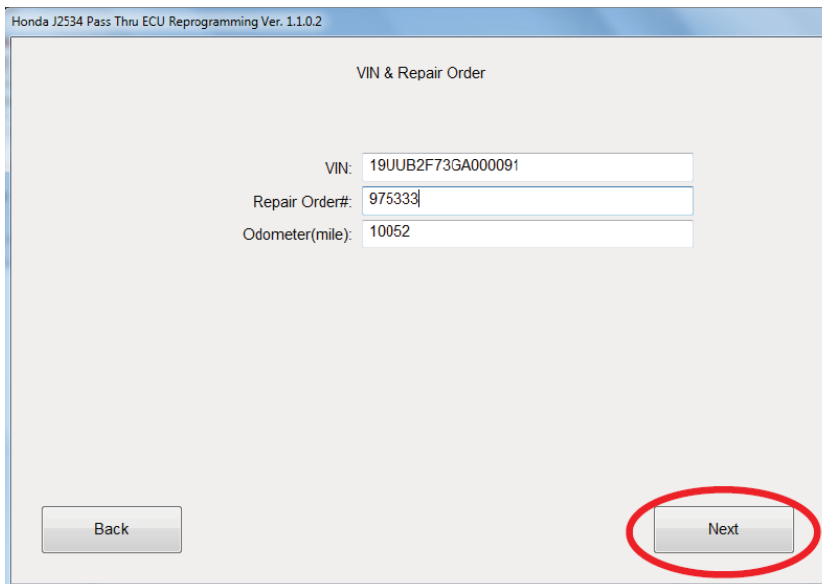
4. Select **Next**.



5. Select **Next**.

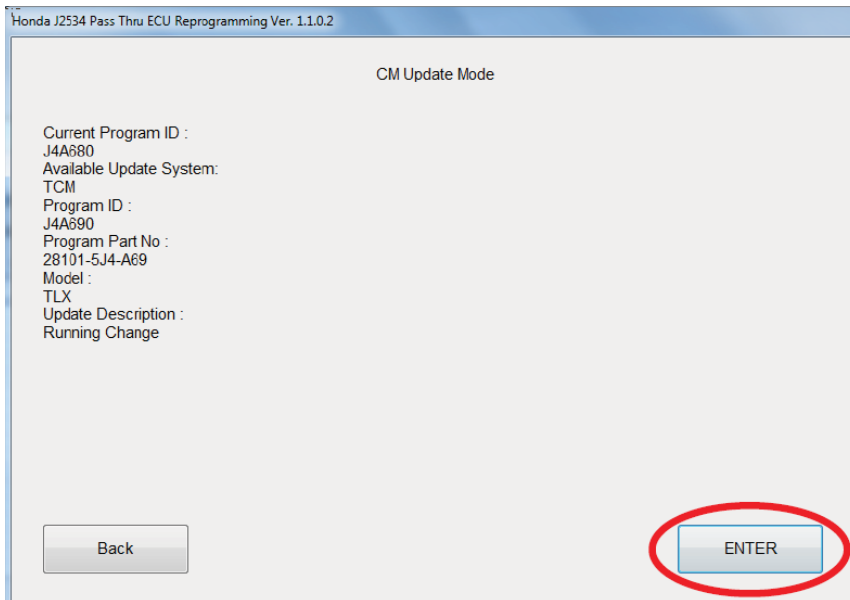
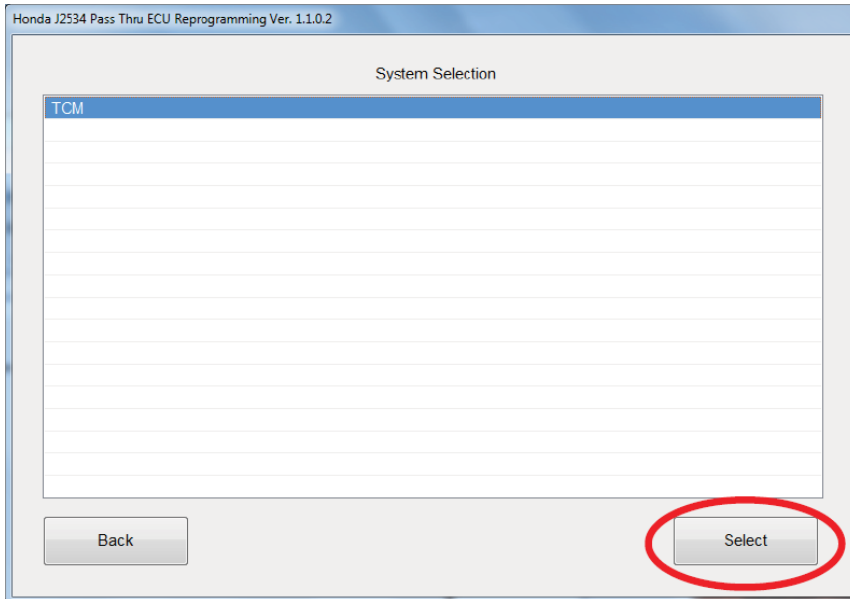


6. Select **Next**, and a loading screen will appear.



7. Did **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.



END