May 17, 2017 06369 Version 2

MIL Comes On with DTC P0430

Supersedes 15-053, dated December 22, 2015, to revise the information highlighted in yellow

AFFECTED VEHICLES

Year	Model	Trim	VIN range
2014–16	MDX	ALL	ALL

REVISION SUMMARY

- Added 2016 MDX vehicles to AFFECTED VEHICLES.
- Added additional WARRANTY CLAIM INFORMATION.
- Added 9AT Software confirmation procedure.

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	03214	03217	15-053P	37805-5J6-A69
B	Confirm 9AT software update only.	0.1 hr				

1255C1	Update the PGM-FI software.	0.2 hr	03214	03217	15-053Q	37805-5J6-A69
B	Confirm 9AT software update only.	0.1 hr				
C	Perform 9AT software upate.	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.

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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: **1.002.023 or later**

J2534 Software Information:

PC Application Version **1.1.0.2 or later**

Database update **17-APR-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*.

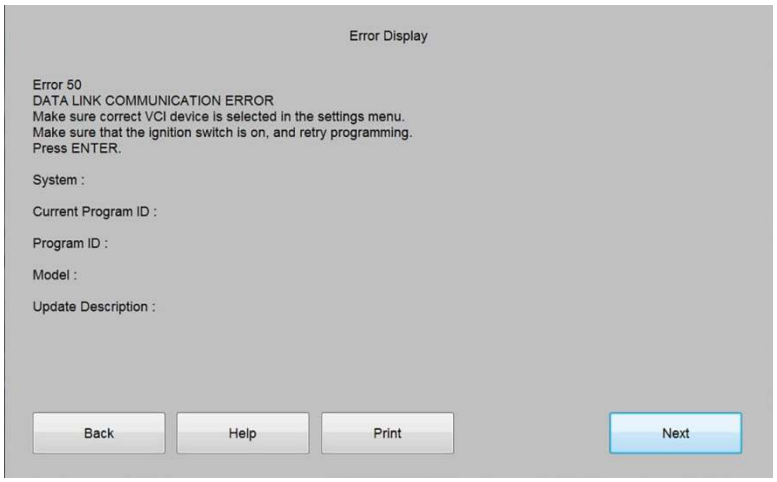
Year/Model		Program ID (or later)	Program P/N (or later)
2014–15 2WD	Base	J6C510	37805-5J6-C51
	Tech with Entertainment		
2014–15 2WD	Advance with Entertainment	J6A690	37805-5J6-A69
2014–15 AWD	Base	J6A790	37805-5J6-A79
	Tech with Entertainment		
2014–15 AWD	Advance with Entertainment	J6A890	37805-5J6-A89
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		
2016 AWD 9AT	Base	J64090	37805-5J6-409
	Tech		
	Tech with Entertainment		
	Base with AWP*	J65050	37805-5J6-505
	Tech with AWP*		
	Tech with Entertainment and AWP*		
	Advance	J65070	37805-5J6-507
	Advance with Entertainment		

*AWP – Acurawatch Plus Package

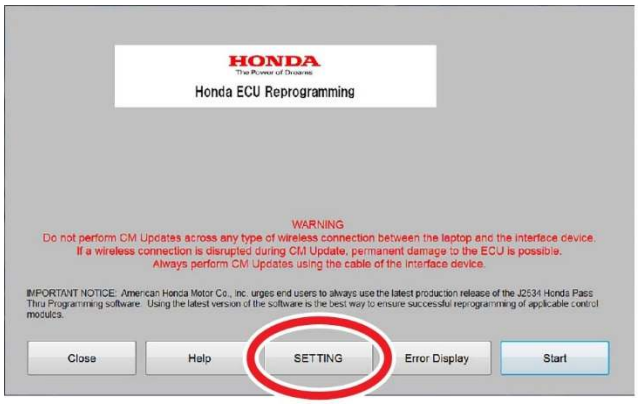
REPAIR PROCEDURE

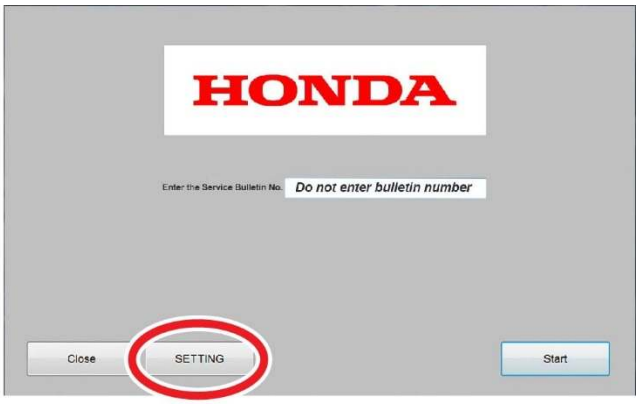
NOTE:

- 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.



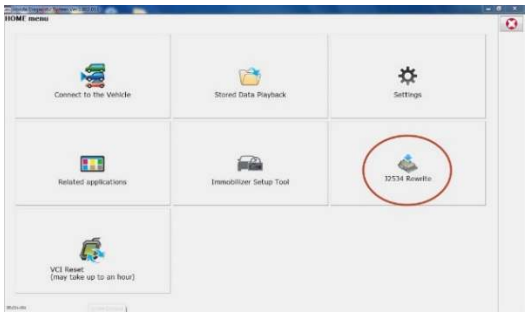


1. Update the PGM-FI or A/T software by selecting the **i-HDS Disagnostic System** icon. Refer to service bulletin 01-026, *Updating Control Units/Modules*.

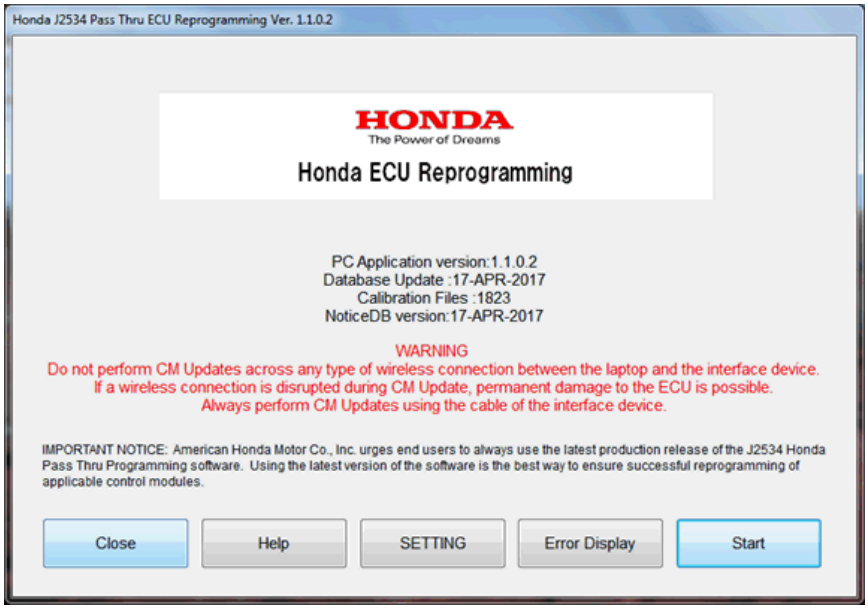
   NOTE: Do not use the **Rewrite** icon on your desktop.



2. Select **J2534 Rewrite**.



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



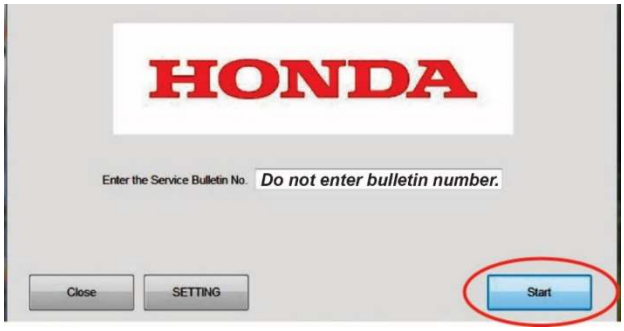
4. Select **Start**, then follow the screen prompts.

   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-C51	37805-5J6-A69	37805-5J6-A79	37805-5J6-A89
37805-5J6-406	37805-5J6-407	37805-5J6-409	37805-5J6-505
37805-5J6-506	37805-5J6-507		

   - 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.

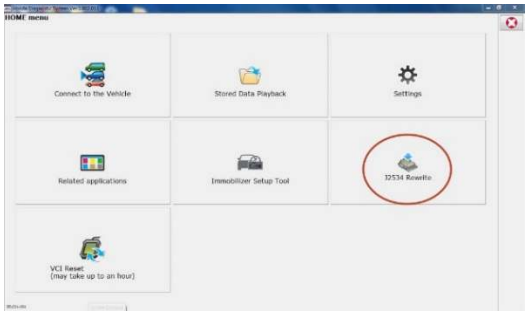


5. Go to 9AT CONFIRMATION PROCEUDRE.

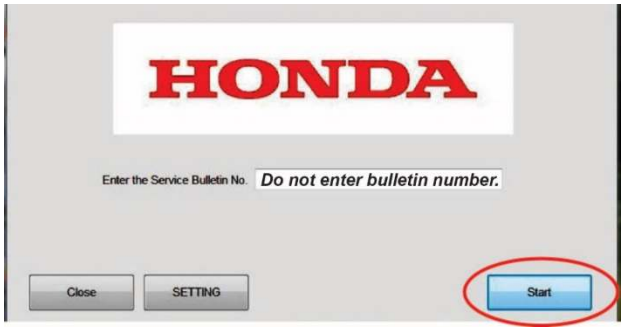
9AT CONFIRMATION PROCEDURE

NOTE: This only applies to 9AT equipped vehicles.

1. Select **J2534 Rewrite**.



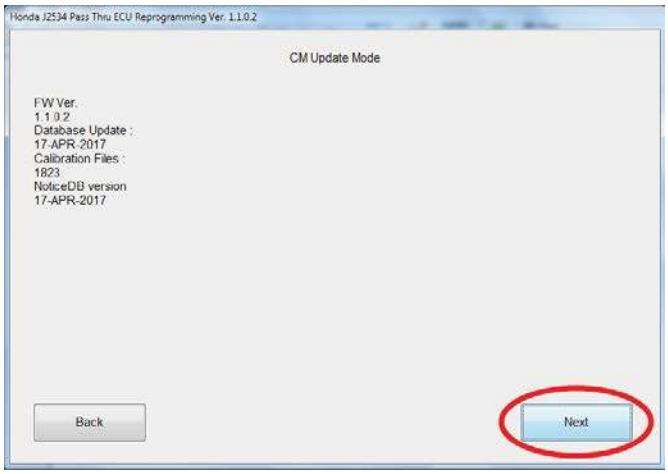
2. Select **Start**.



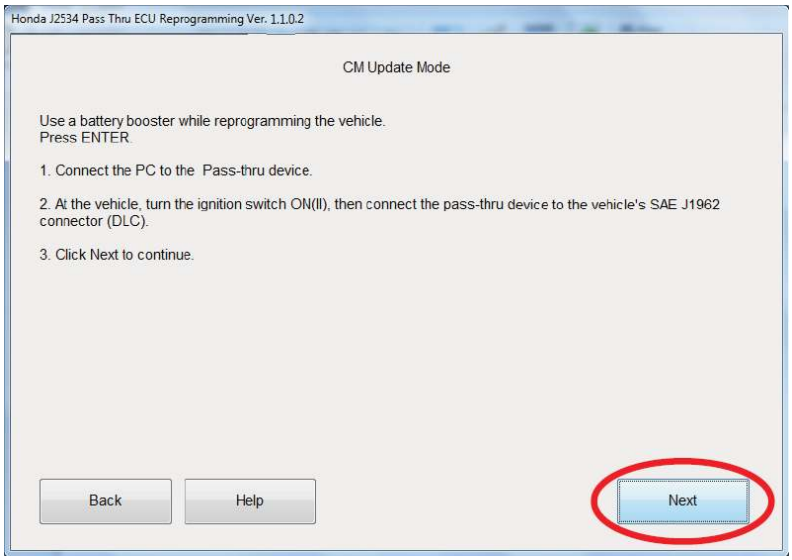
3. Select **Start**.



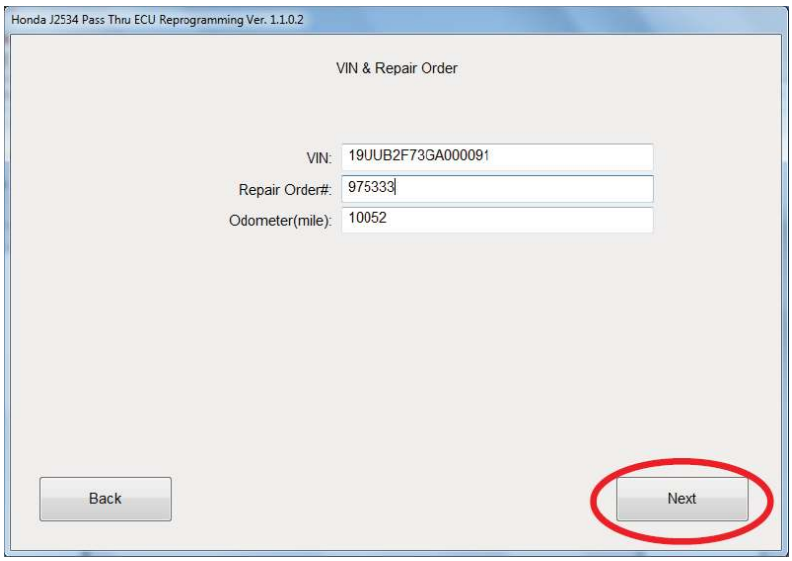
4. Select **Next**.

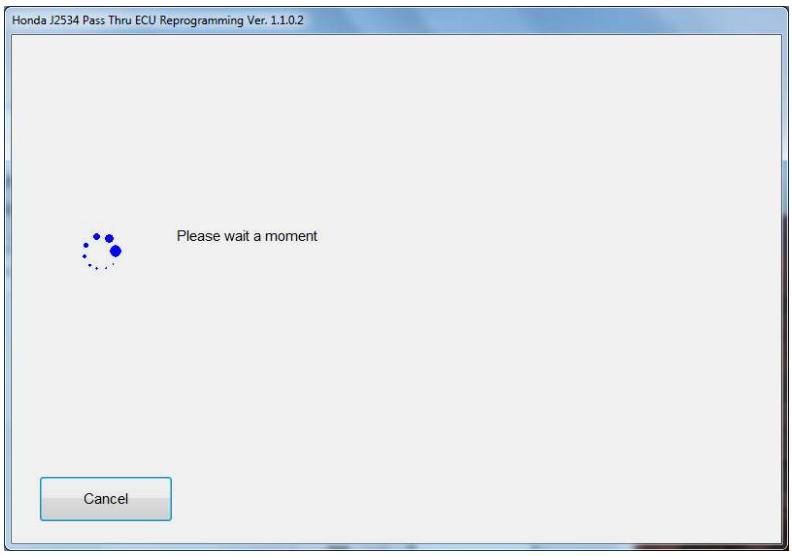


5. Select **Next**.



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

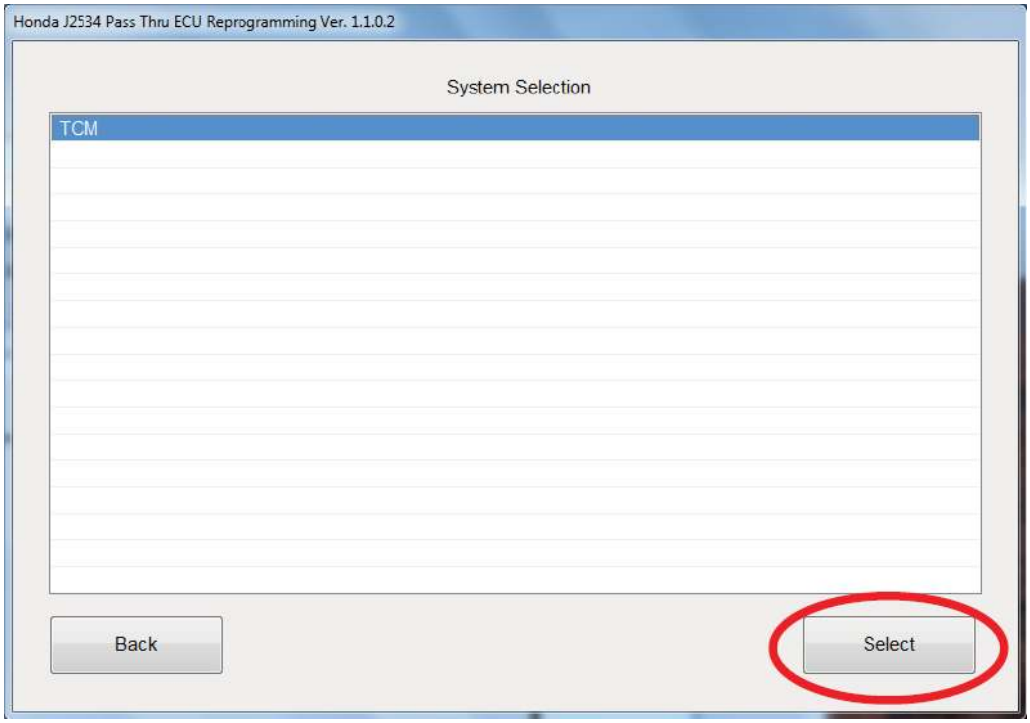


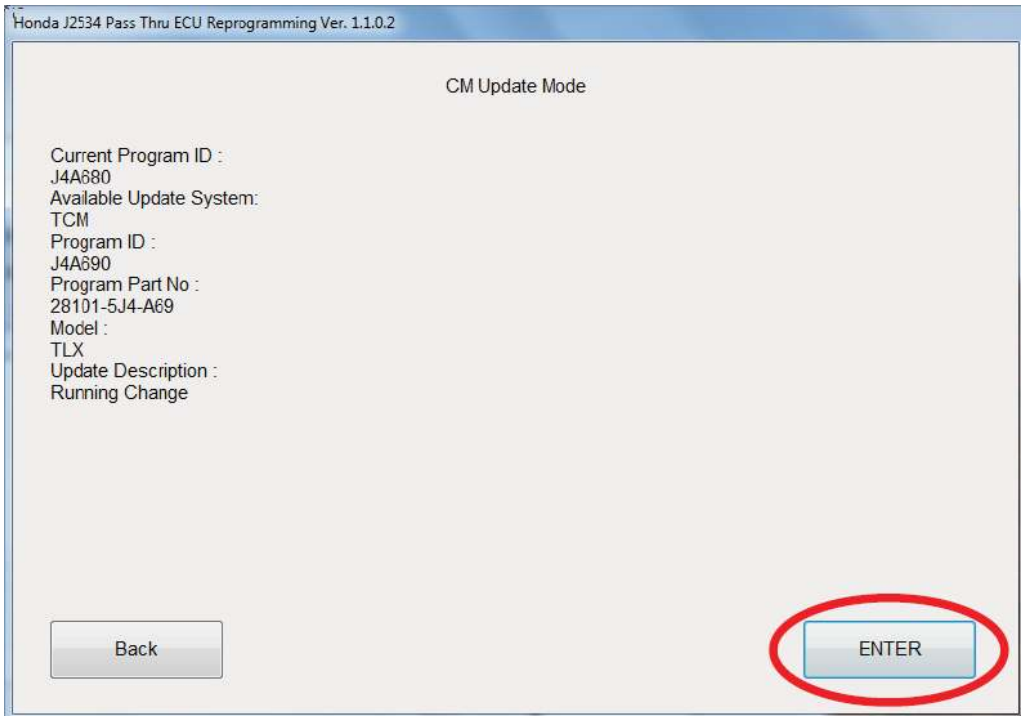


7. Did TCM appear under System Selection?

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

   No – The TCM software is up to date.





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