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

Supersedes 17-036, dated June 20, 2017; to revise the section highlighted in <mark>yellow</mark>

AFFECTED VEHICLES

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

REVISION SUMMARY

- The 2017 Ridgeline, 2017 Pilot and 2018 Odyssey were added to AFFECTED VEHICLES and SOFTWARE INFORMATION.

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				

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	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: <mark>1.003.015 or later</mark>

J2534 Software Information:

    PC Application Version <mark>1.1.0.2 or later</mark>

    Database update <mark>12-JUL-2017 or later</mark>

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		
2017 Pilot	LX 2WD	LVC030	37805-RLV-C03
	EX 2WD		
	EX-L 2WD		
	EX-L (NAVI) 2WD		
	EX-L (RES) 2WD		
	LX 4WD	LVC130	37805-RLV-C13
	EX 4WD		
	EX-L 4WD		
	EX-L (NAVI) 4WD		
	EX-L (RES) 4WD		
	EX (Sensing) 2WD	LVC230	37805-RLV-C23
	EX-L (Sensing) 2WD		
	EX (Sensing) 4WD	LVC330	37805-RLV-C33
	EX-L (Sensing) 4WD		
	*TRG (9A/T) 2WD	LVC430	37805-RLV-C43
	*TRG (9A/T) 4WD	LVC530	37805-RLV-C53
	*Elite (9A/T) 4WD		

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2018 Odyssey	*LX	MRA040	37805-5MR-A04
	*EX	MRA250	37805-5MR-A25
	*EX-L		
	*EX-L (NAVI, RES)		
	TRG	MRA750	37805-5MR-A75
	Elite		
2017 Ridgeline	RTL 4WD	MJA560	37805-5MJ-A56
	RTL-T 4WD		
	Sport 4WD		
	Black 4WD	MJA760	37805-5MJ-A76
	RTL-E 4WD		
	RT 2WD	MJA060	37805-5MJ-A06
	RTL 2WD		
	RTL-T 2WD		
	Sport 2WD		

* 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 COMMUNICATION ERROR
Make sure correct VCI device is selected in the settings menu.
Make sure that the ignition switch is on, and retry programming.
Press ENTER.

System :

Current Program ID :

Program ID :

Model :

Update Description :

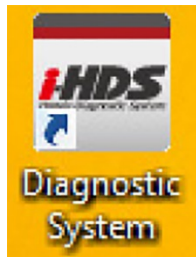Back   Help   Print   Next
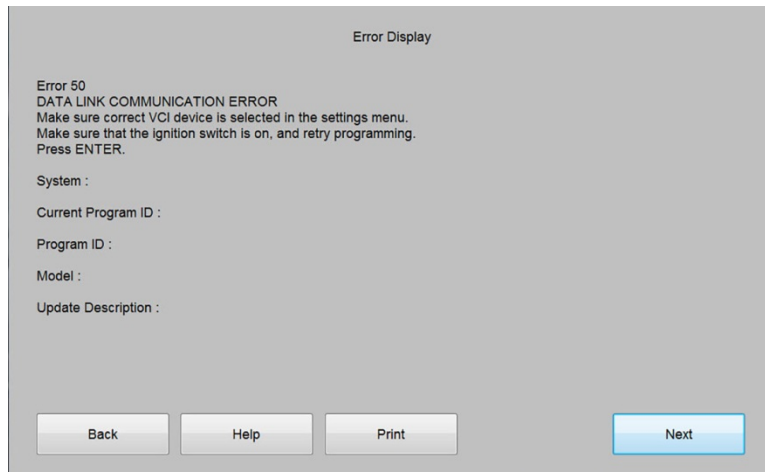
To change this, click on either of the **SETTING** selection buttons at the bottom of the J2534 initial screens as shown.
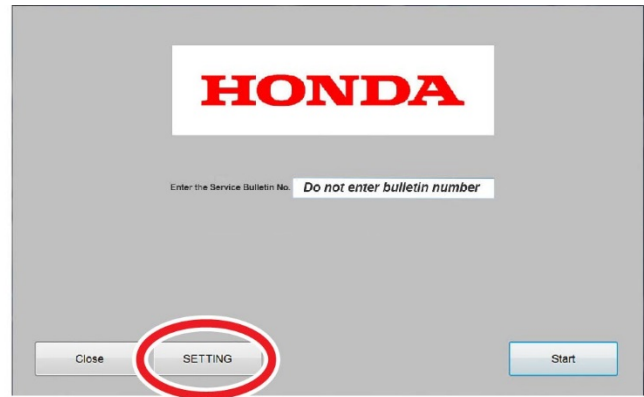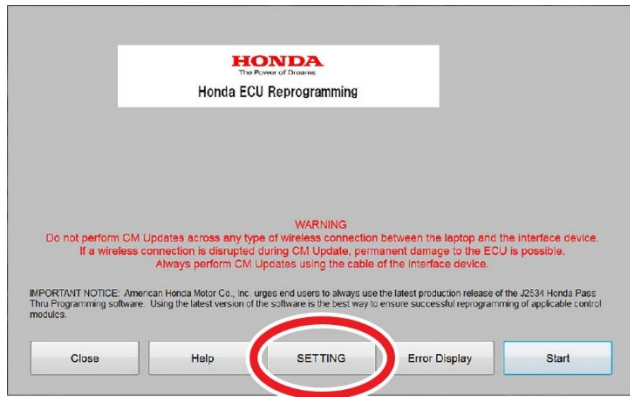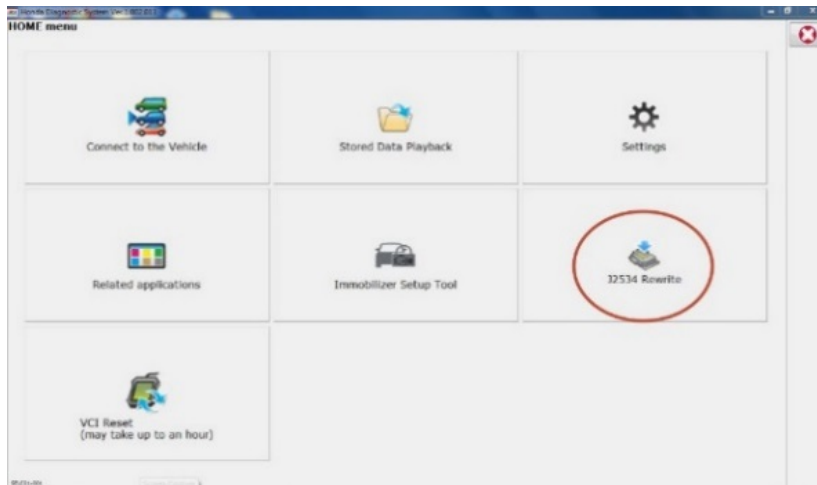

1. Update the PGM-FI or A/T software by selecting the **i-HDS Diagnostic System** icon. Refer to service bulletin 01-026, *Updating Control Units/Modules*.
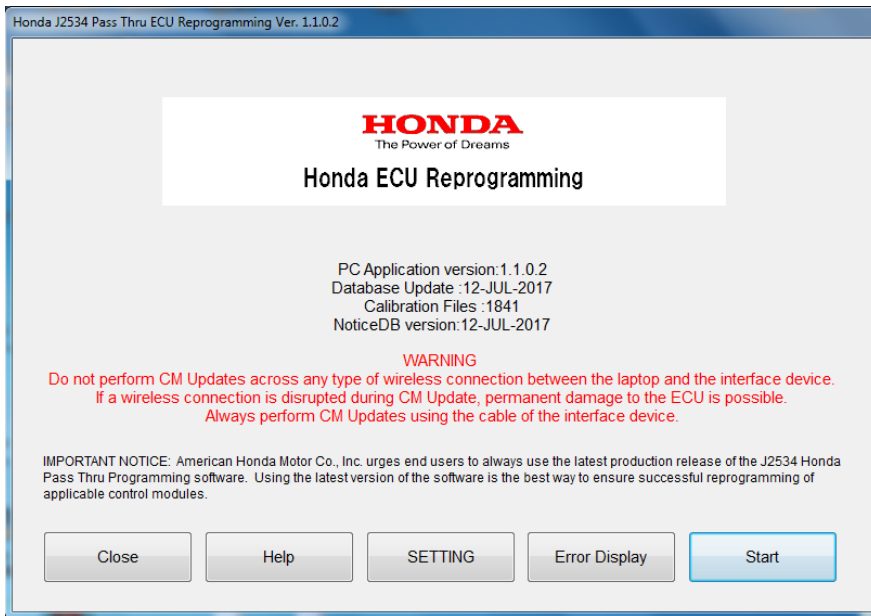
   NOTE: Do not use the **Rewrite** icon on your desktop.

2. Select **J2534 Rewrite**.

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


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Honda J2534 Pass Thru ECU 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 interface device.
      If a wireless connection is disrupted during CM Update, permanent damage to the ECU is possible.
                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
```
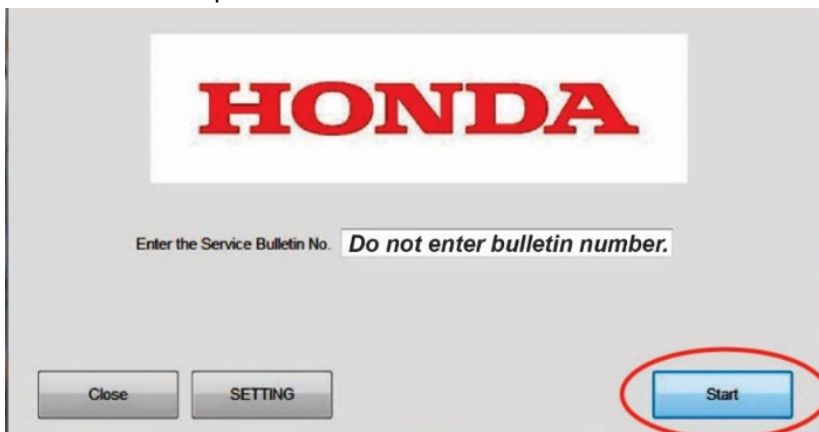
4. Select **Start**, then follow the screen prompts.

   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):
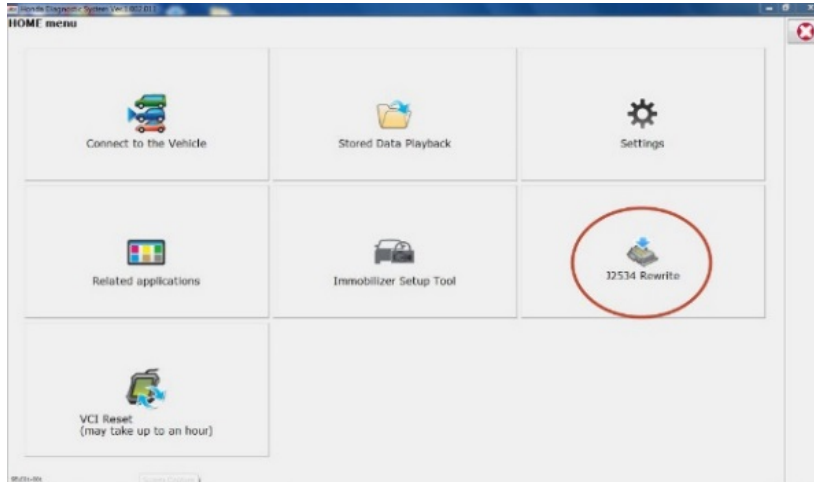
37805-RLV-315	37805-RLV-316	37805-RLV-317	37805-RLV-318
37805-RLV-406	37805-RLV-407	37805-RLV-C03	37805-RLV-C13
37805-RLV-C23	37805-RLV-C33	37805-RLV-C43	37805-RLV-C53
37805-5MR-A04	37805-5MR-A25	37805-5MR-A75	37805-5MJ-A56
37805-5MJ-A76	37805-5MJ-A06		

   - 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.
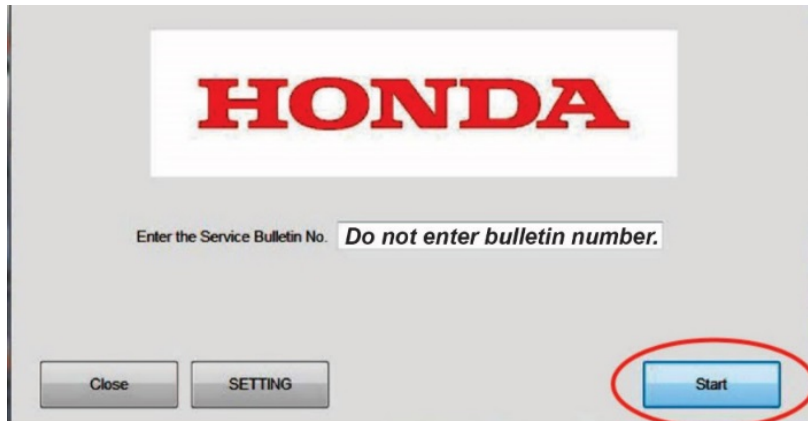


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                    HONDA

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

      Close        SETTING                              Start
```

Confirm 9AT Software is Up to Date

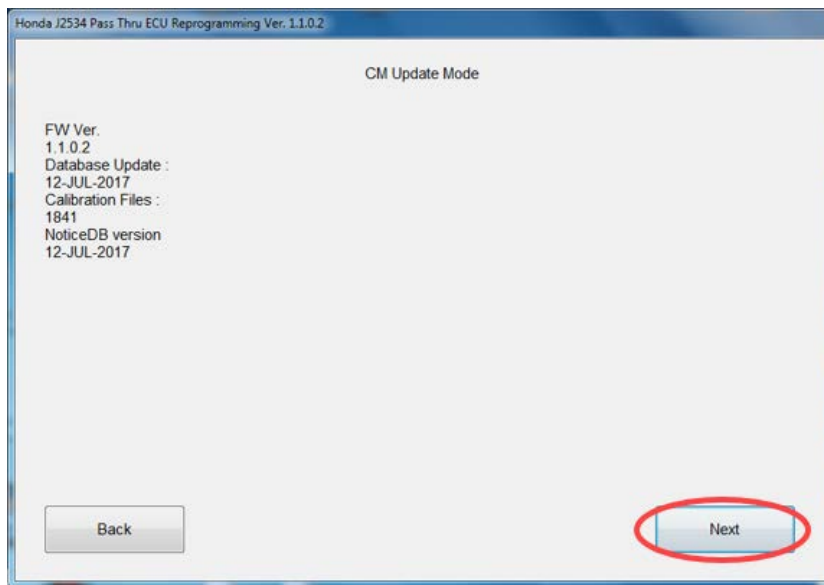1. Select **J2534 Rewrite**.

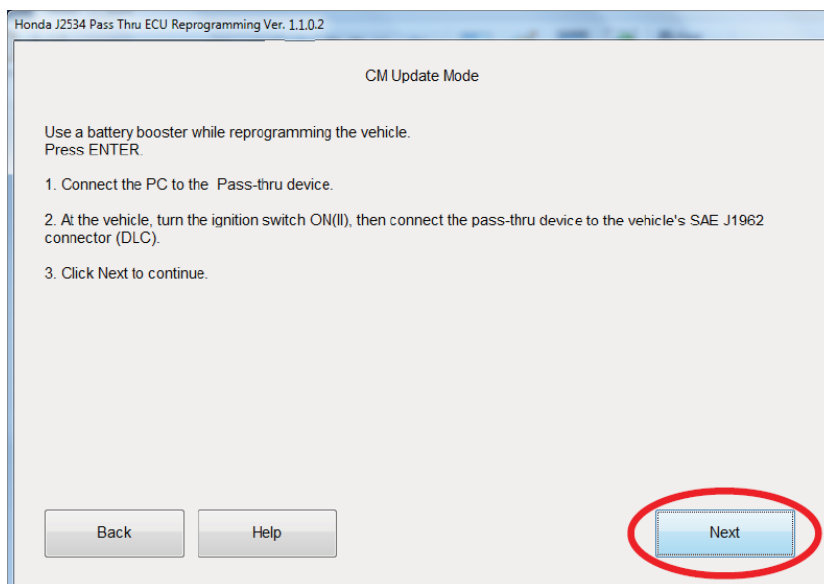2. Select **Start**.

3. Select **Start**.

4. Select **Next**.

5. Select **Next**.

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

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2

VIN & Repair Order

VIN: 19UUB2F73GA000091

Repair Order#: 975333

Odometer(mile): 10052

Back   Next

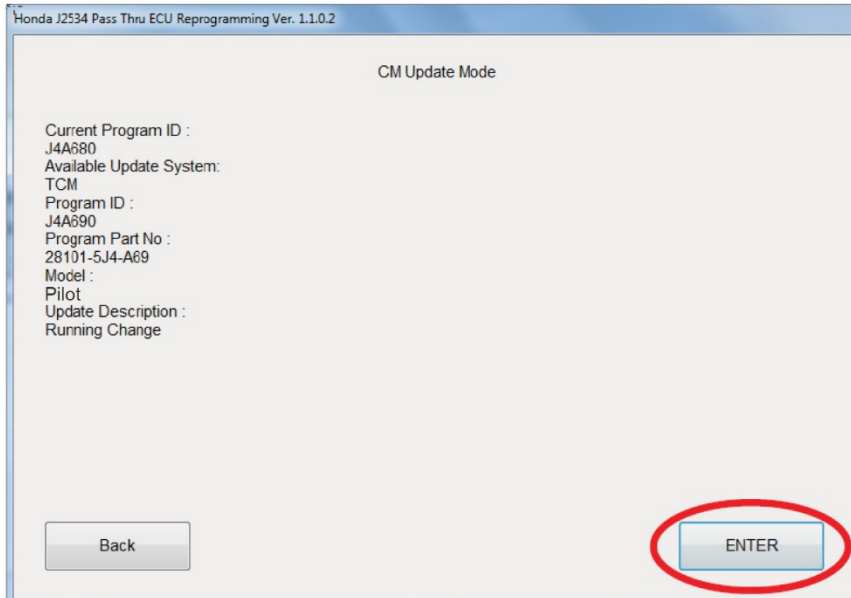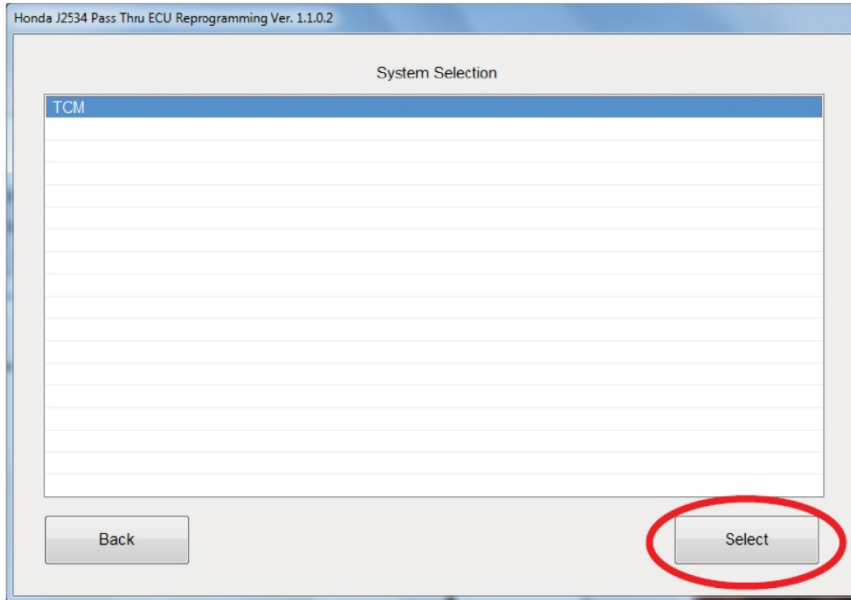Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2

Please wait a moment

Cancel

7. Check if **TCM** appears under **System Selection**?

- 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.

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2

System Selection

TCM

Back   Select

Honda J2534 Pass Thru ECU Reprogramming Ver. 1.1.0.2

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

Back   ENTER

END