

February 8, 2017

Low Tire Pressure/TPMS Indicator Is On with VSA DTC C0077-78

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2015–17	Fit	ALL	ALL

SYMPTOM

The Low Tire Pressure/TPMS indicator is on with VSA DTC C0077-78 (low tire pressure threshold refinement). If the tires are inflated to the pressure listed on the driver's doorjamb label, the vehicle has likely been driven up or down steady grades.

PROBABLE CAUSE

The TPMS software may not properly adapt to driving up or down steady grades.

CORRECTIVE ACTION

Update the VSA modulator-control unit, do the VSA sensor neutral position memorization (ALL SENSOR), set the tire pressures to the driver's door jamb label cold inflation values and do the special TPMS calibration procedure.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation	Description	Flat Rate	Defect	Symptom	Template	Failed Part
Number		Time	Code	Code	ID	Number
4135A2	Update the VSA modulator-control unit, do the VSA sensor neutral position memorization, set the tire pressures and do the special TPMS calibration procedure.	0.4 hr	03214	03203	17-005A	57111-T5R-A32

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 are not covered under warranty. i-HDS Software Version: 1.002.017 or later

J2534 Software Information:

PC Application Version 1.0.1.15 or later

Database update 19-JAN-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 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 01-023, Updating Control Units/Modules.

Year/Model	Software System	Program ID (or later)	Program P/N (or later)
2015–17 Fit EX CVT	VSA	5RA330	57114-T5R-A33
2015–17 Fit EX MT	VSA	5RA430	57114-T5R-A43
2015–17 Fit LX CVT	VSA	5RA630	57114-T5R-A63
2015–17 Fit LX MT	VSA	5RA730	57114-T5R-A73

To check the database update version on the i-HDS laptop, right click on the HDS Download Manager icon on the taskbar.



Select Open HDS Download Manager, and use the File pull-down menu to select Check and Install.

NOTE: If you are not connected to the Internet, you will see an error message indicating the i-HDS cannot check for updates; connect to the Internet to make sure you have the latest i-HDS software.

Edit Tools Help			
Select "Check and available from Hond	install" from the File N a.	fenu to check if there	are software updates
eneral Information			
Dealer #. 900080			
Region USA			
Authorized: Yes			
ftware Information			
Name	Installed Version	Cached Version	Downloadable Version
Magda Desupland Magnata	2.2.021		2 2 0 0 2 1
nunde Dominodo Manager	- In the second s	difference and a second s	2.2.021
HDS Software	3.101.044	3.101.044	3.101.044
HDS Software	3.101.044 1.002.017	3.101.044 1.002.017	3.101.044 1.002.017
HDS Software iHDS Software J2534 EPS Update	3.101.044 1.002.017 5.01	3.101.044 1.002.017	3.101.044 1.002.017 5.01
HDS Software HDS Software J2534 EPS Update J2534 Rewrite	3.101.044 1.002.017 5.01 1.00.0009_20170119_	3.101.044 1.002.017 1.00.0009_20170119_	3.101.044 1.002.017 5.01 1.00.0009_20170119
HDS Software HDS Software J2534 EPS Update J2534 Rewrite Rewrite Special	3.101.044 1.002.017 5.01 1.00.0009_20170119_ 1.00.0027	3.101.044 1.002.017 1.00.0009_20170119_ 1.00.0027	3.101.044 1.002.017 5.01 1.00.0009_20170119 1.00.0027
HDS Software HDS Software J2534 EPS Update J2534 Rewrite Rewrite Special J2534 Mongoose Drivers	3.101.044 1.002.017 5.01 1.00.0009_20170119_ 1.00.0027 1.2.0.000	3.101.044 1.002.017 1.00.0009_20170119_ 1.00.0027	3.101.044 1.002.017 5.01 1.00.009_20170119 1.00.0027 1.2.0.000
HDS Software HDS Software J2534 EPS Update J2534 Rewrite Rewrite Special J2534 Mongoose Drivers 08 09 Accord SRS Rewrite	3.101.044 1.002.017 5.01 1.00.0009_20170119 1.00.0027 1.2.0.000 4.1	3.101.044 1.002.017 1.00.0009_20170119 1.00.0027	3.101.044 1.002.017 5.01 1.00.0009_20170119 1.00.0027 1.2.0.000 4.1
HDS Software HDS Software J2534 EPS Update J2534 Rewrite Rewrite Special J2534 Mongoose Drivers 08 09 Accord SRS Rewrite DST+ Drivers	3.101.044 1.002.017 5.01 1.00.0009_20170119_ 1.00.0027 1.2.0.000 4.1 2.00.0010	3.101.044 1.002.017 1.00.0009_20170119 1.00.0027	2.2.01 3.101.044 1.002.017 5.01 1.00.0009_20170119 1.00.0027 1.2.0.000 4.1 2.00.0010

INSPECTION PROCEDURE

Check that the tires are inflated to the pressures listed on the driver's doorjamb label.

- If the tires are not inflated properly, this bulletin does not apply. Continue with normal troubleshooting.
- If the tires are inflated properly, continue to REPAIR PROCEDURE.

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 VSA modulator-control unit 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.

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lake sure that the ignition switch is on, an Press ENTER.	n the settings menu. nd retry programming.	
iystem :		
Surrent Program ID :		
Program ID :		
lodei :		
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.

The fourme of Determine Honda ECU Reprogramming	HONDA
PC Application version 1.0.1.15 Database Update: 19-JW42017 Califordine Files: 1014 NoticeD3 version 08 NOV-2016 Version 08 NOV-2016	Exects Service Baselor No. Do not enter bulletin number
Do not perform CM lipides across are type of avertees connection between the backing and the excitice device if a vertexist connection is determined during CM bytes, permanent area for the ECU is possible. Always perform CM lipidates using the cable of the interface divice. BPORTRMTNOTCE: American revolution CM lipidates using the cable of the interface divice. BPORTRMTNOTCE: American revolution CM lipidates using the cable of the interface divice.	
Cluse Help SETTING Error Display Start	Close SETTING Start

1. Make sure the parking brake is applied and the headlights are turned off.

2. Update the ABS/VSA software by selecting the i-HDS Diagnostic System icon. Refer to Service Bulletin 01-023, Updating Control Units/ Modules.

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



3. Select J2534 Rewrite.

ie Uniegroemt Systems Vers 1002.011		
Connect to the Vehicle	Stored Data Playback	Settings
Related applications	Immobilizer Setup Tool	J2534 Rewrite
VCI Reset (may take up to an hour)		
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4. Confirm the software is the same or later as listed in SOFTWARE INFORMATION.

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	Honda ECU Reprogramming				
	PC Da No	CApplication version:1. tabase Update :19-JAN Calibration Files :181 ticeDB version:08-NOV	0.1.15 I-2017 4 I-2016		
Do not perform CM Up If a wireless co	odates across any typ nnection is disrupted Always perform CM I rican Honda Motor Co., In oftware. Using the latest	WARNING be of wireless connection during CM Update, per Updates using the cable to urges end users to alwa version of the software is the	on between the laptop and manent damage to the EC e of the interface device ys use the latest production rel te best way to ensure successf	the interface device. U is possible. ease of the J2534 Honda ul reprogramming of	
Close	Help	SETTING	Error Display	Start	

5. 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 **VSA Data List**. The header should indicate one of the following numbers (or later).

	57114-T5R-A33
	57114-T5R-A43
	57114-T5R-A63
	57114-T5R-A73
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 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.

- 6. While the MVCI is updating the ABS/VSA software, set the tire pressures to the cold inflation values listed on the driver's doorjamb label.
- 7. Do the following procedures before returning the vehicle to the customer:
 - VSA SENSOR NEUTRAL POSITION MEMORIZATION PROCEDURE
 - SPECIAL TPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE
 - DO AN ALL DTC CHECK AND CLEAR DTCS FROM ALL SYSTEMS

VSA SENSOR NEUTRAL POSITION MEMORIZATION PROCEDURE

- 1. Set the steering wheel in the straight-ahead position.
- 2. From Honda Systems, select ABS/TCS/VSA, Adjustment, and All Sensors then, follow the screen prompts.

NOTE: Do not press the brake pedal during this procedure.

SPECIAL TPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE

NOTE:

- If the tire pressures were not already set, set them to the cold inflation values listed on the driver's doorjamb label.
- It is not necessary to drive the vehicle after doing the following calibration procedure. Calibration will complete as the customer drives the vehicle.

Do the TPMS calibration three times in a row to clear the old data. After the third calibration, the Low Tire Pressure/TPMS indicator should come on within 10 seconds and stay on for 1 second before going out.

Before You start:

- 1. Make sure the vehicle is stopped.
- 2. Make sure the transmission is in Park (CVT) or Neutral (M/T).
- 3. Make sure the ignition is turned to ON.

TPMS button on the left lower dash

To start TPMS calibration, press and hold the Low Tire Pressure/TPMS button until the indicator blinks, release it and wait 5 seconds, then press and hold the TPMS button a **second** time until the indicator blinks, release it and wait 5 seconds, then press and hold the TPMS button a **third** time until the indicator blinks, and release it.

After the third calibration is finished, the Low Tire Pressure/TPMS indicator should come on within 10 seconds, and stay on for 1 second, and then go out to confirm the system is calibrated.

END