HONDA

Service Bulletin **14-065**

October 31, 2014

Low Tire Pressure Indicator Is On With VSA DTC C0077-78

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2015	CR-V	LX 2WD	2HKRM3H3.FH500001 thru 2HKRM3H3.FH500842
			5J6RM3H3.FL000001 thru 5J6RM3H3.FL001586
		LX AWD	2HKRM4H3.FH600001 thru 2HKRM4H3.FH602412
			5J6RM4H3.FL000001 thru 5J6RM4H3.FL009392
		EX or EX-L 2WD	2HKRM3…FH500001 thru 2HKRM3…FH500992
			5J6RM3...FL000001 thru 5J6RM3...FL003146
		EX or EX-L AWD	2HKRM4...FH600001 thru 2HKRM4...FH602284
			5J6RM4...FL000001 thru 5J6RM4...FL009997
		Touring 2WD	5J6RM3H9.FL000001 thru 5J6RM3H9.FL001946
		Touring AWD	5J6RM4H9.FL000001 thru 5J6RM4H9.FL008974

SYMPTOM

The Low Tire Pressure indicator is on with VSA DTC C0077-78 (low tire pressure threshold refinement) stored, and the tire pressures are properly set to the driver's doorjamb label.

POSSIBLE CAUSES

The TPMS software may not properly adapt to all driving conditions.

CORRECTIVE ACTION

Update the VSA modulator-control unit software.

SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the MVCI or HDS are not covered under warranty.

MVCI Control Module (CM) Update:

   Application (FW) Version: 3.01.40 **or later**

   Database Update: 20-Oct-2014 **or later**

HDS Software Version:

   3.015.020 **or later**

Before beginning the repair, make sure that both the HDS and the MVCI are updated as listed above.

Do only the update listed in this service bulletin.

Check that the MVCI indicates the applicable program ID listed below (or a later program ID) as the **Recommended Update** when the update begins.

If the MVCI displays **This vehicle does not need an update at this time**, confirm that the MVCI's Application (FW) Version and Database Update date are equal to or greater than the versions shown on page 1. If the software is correct, then the update for this bulletin has already been applied to the vehicle. If the software is not correct, update both the MVCI and HDS software.

For more information about updating the 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)
2015 CR-V LX 2WD	1XA030	57114-T1X-A03
2015 CR-V EX 2WD	1XA130	57114-T1X-A13
2015 CR-V LX AWD	1WA030	57114-T1W-A03
2015 CR-V EX AWD	1XA130	57114-T1X-A13
2015 CR-V Touring 2WD	FFA930	57114-TFF-A93
2015 CR-V Touring AWD	1WA230	57114-T1W-A23

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
4135A2	Update the VSA modulator-control unit.	0.4 hr	14-065A	57111-T1W-A11

Defect Code: 08001

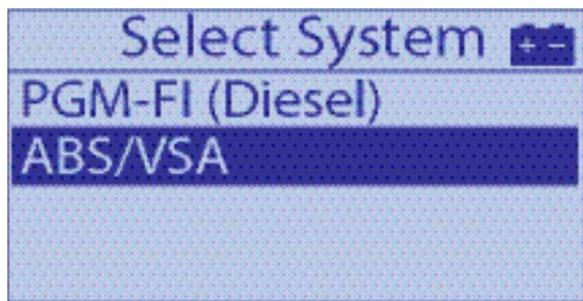Symptom Code: 04201

Skill Level: Repair Technician

REPAIR PROCEDURE

1. Connect a fully charged jumper battery to the vehicle and leave it connected during the entire update procedure to maintain a steady voltage.

2. Apply the parking brake and make sure the headlights are turned off.

3. Turn the ignition to ON, and turn off all accessories.

4. Connect the MVCI to the vehicle.

5. Press the ENTER button on the MVCI to see the **User Config** menu. Select **CM Update Mode**, then press ENTER.

6. Select **Reprogramming**, then press ENTER.

7. The **CM Update Mode** software screen appears. Press ENTER to continue.

   NOTE: The FW VER must be 3.01.40 or later and Database Update must be 20-OCT-2014 or later.
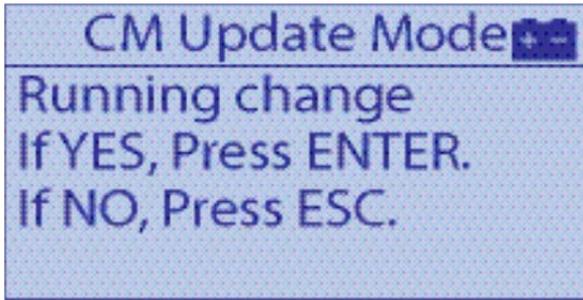
8. The **Select System** screen appears. Select **ABS/VSA**, then press ENTER.

   NOTE: If the VSA update is the only available update, it will automatically go to the VSA selections.

9. For program ID and program part number, see the chart under SOFTWARE INFORMATION.

10. Scroll down to **Running change** and Press ENTER. Press ENTER again to start reprogramming.

11. Set the cold tire pressures according to the driver's doorjamb label while the MVCI updates the vehicle.

12. Once the update is complete, follow the screen prompts to turn the ignition to OFF, then to ON again when indicated.

    NOTE: If an error occurs during the updating procedure, keep the ignition turned to ON; press ENTER to display the error code. Record the error code, restart the update.

    If the error code reoccurs, refer to the CM Update Error Code Table in the MVCI User Guide for more information about the error code and its solutions.

13. When the MVCI displays **VSA Sensor Neutral Position Memorization is required after the completion of the update**, scroll down and press ENTER.

14. Go to VSA SENSOR NEUTRAL POSITION MEMORIZATION PROCEDURE.

VSA SENSOR NEUTRAL POSITION MEMORIZATION PROCEDURE

1. Connect the HDS laptop to the MVCI.
2. Turn on the HDS, and make sure the software version is 3.015.020 or later.
3. Select **Honda Systems**.
4. Select **ABS/TCS/VSA**.
5. Select **Adjustment**.
6. Select **All Sensors**, then follow the screen prompts.
7. Once completed, exit the VSA system; turn the ignition to OFF, then to ON again. Go to EPS STEERING ANGLE SENSOR NEUTRAL POSITION CLEAR PROCEDURE.

EPS STEERING ANGLE SENSOR NEUTRAL POSITION CLEAR PROCEDURE

1. Go to **EPS** on the HDS.
2. Select **Adjustment**.
3. Select **Steering Angle Sensor Value Clear**.
4. Follow the screen prompts.
5. Turn the ignition to OFF then to ON again. Go to SPECIALTPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE.

SPECIAL TPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE (EXCEPT TOURING MODEL)

NOTE: For Touring models, follow the instruction under SPECIAL TPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE (TOURING MODEL ONLY)

1. Set the cold tire pressures according to the driver's doorjamb label.
2. Turn the ignition switch to ON (II).
3. Press and hold the TPMS button until the Low Tire Pressure indicator blinks twice, then release the button. Repeat step 2 two more times waiting 3 seconds in between. After the third time, you should see the Low Pressure indicator come on within 5 seconds and go off.

    NOTE: If you did not see the Low Tire Pressure indicator come on, turn the ignition to OFF and repeat steps 1 and 2.

4. Disconnect the jumper battery, start the vehicle, and verify that the VSA and the Low Tire Pressure indicators come on and go off.

5. Turn the ignition to OFF, exit the HDS, and disconnect the MVCI.

SPECIAL TPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE (TOURING MODEL ONLY)

1. Set the cold tire pressures according to the driver's doorjamb label.

2. Turn the ignition to ON.

3. Using the MID and the steering wheel buttons, press the arrow buttons to select **Vehicle Settings**, then press the SEL/RESET button.

4. Press the arrow buttons to select **TPMS Calibration**, then press the SEL/RESET button.

5. After the display switches to **Setup**, press the SEL/RESET button.

6. Press the arrow buttons to select **Calibrate**, then press the SEL/RESET button.

7. The MID will now display **Calibration Started**, followed by a return to the **TPMS Calibration** screen.

   NOTE: If you see **Calibration Failed to Start**, repeat step 5.

8. Repeat steps 3 and 5 two more times. After the third time, you should see the Low Pressure/TPMS indicator come on within 5 seconds and go off.

   NOTE: If you did not see the Low Pressure indicator come on, turn the ignition to OFF and repeat steps 2 and 8.

9. Disconnect the jumper battery, start the vehicle, and verify that the VSA and the Low Tire Pressure indicators come on and go off.

10. Turn the ignition to OFF, exit the HDS, and disconnect the MVCI.

   END