

**March 14, 2014**

ATB 50873 (1403)

## Low Tire Pressure/TPMS Indicator Is On With No DTC, or With VSA DTC 151-11

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014	CR-V	LX AWD	2HKRM4H3.EH600001 thru 2HKRM4H3.EH651684 5J6RM4H3.EL000001 thru 5J6RM4H3.EL051587
2014	CR-V	EX or EX-L AWD	2HKRM4H..EH600001 thru 2HKRM4H..EH650804 5J6RM4H..EL000001 thru 5J6RM4H..EL051296
2014	CR-V	LX 2WD	2HKRM3H3.EH500001 thru 2HKRM3H3.EH522042 3CZRM3H3.EG7000001 thru 3CZRM3H3.EG704996 5J6RM3H3.EL000001 thru 5J6RM3H3.EL025560
2014	CR-V	EX or EX-L 2WD	2HKRM3H..EH500001 thru 2HKRM3H..EH521748 5J6RM3H..EL000001 thru 5J6RM3H..EL025006
2014	CR-V	EX 2WD	3CZRM3H5.EG700001 thru 3CZRM3H5.EG702308

### SYMPTOM

The low tire pressure/TPMS indicator is on with no DTC, or with VSA DTC 151-11 (low tire pressure threshold refinement), and the tire pressures were properly set to the driver's doorjamb label.

### POSSIBLE CAUSES

A software update is needed for different driving conditions.

### CORRECTIVE ACTION

Update the VSA modulator-control unit.

### 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: 3.01.37 **or later**

Database Update: 03 March 2014 **or later**

HDS Software Version:

3.013.014 **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** during the update, check the MVCI Control Module update application is correct as shown above. If the software is correct, the MVCI software has been updated. If the software is not correct, update both the MVCI and the 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)
2014 LX, AWD	0GA130	57114-T0G-A13
2014 EX, EXL, AWD	0GA230	57114-T0G-A23
2014 LX, 2WD	0HA130	57114-T0H-A13
2014 EX, EXL, 2WD	0HA230	57114-T0H-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.	0.3 hour	14-006A	P/N 57111-T0G-A20

Defect Code: 08001

Symptom Code: 04201

Skill Level: Repair Technician

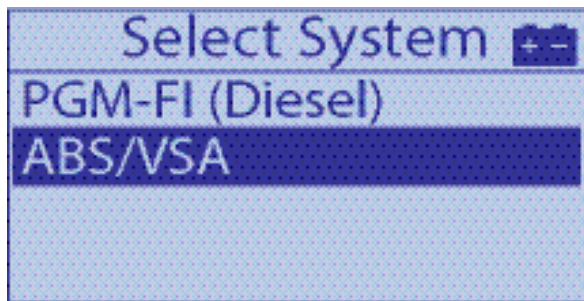
## REPAIR PROCEDURE

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 switch to ON (II), 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 3.01.37 or later and Database Update must be 03 March 2014 or later.

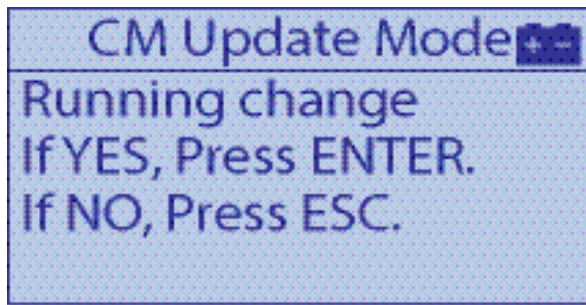
8. The **Select System** screen appears. Select **ABS/VSA**, then press ENTER.

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 on the front page.

10. Scroll down and select **Running change, IF YES, Press ENTER**. Press ENTER again to start reprogramming.



11. Set the cold tire pressures according to the tire label listed on the doorjamb while the MVCI updates the vehicle.
12. Once the update is complete, follow the on-screen prompts to turn the ignition OFF, then ON again when indicated.  
NOTE: If an error occurs during the updating procedure, keep the ignition 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 the message **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 3.013.014 or later.
  - Select **Honda Systems**.
  - Select **ABS/TCS/VSA**.
  - Select **Adjustment**.
  - Select **All Sensors**, then follow the screen prompts.
3. Once completed, exit the VSA system; turn the ignition OFF, then 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.
  - Select **Adjustment**.
  - Select **Steering Angle Sensor Value Clear**.
  - Follow the screen prompts.
2. Turn the ignition OFF then ON again. Go to SPECIALTPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE.

## SPECIAL TPMS CALIBRATION USED ONLY AFTER SOFTWARE UPDATE

NOTE: If the tire pressures were not already set, make sure the cold tire pressures are inflated according to the doorjamb label.

- 1 Turn the ignition switch to ON (II).
- 2 Press and hold the TPMS button until the Low Tire Pressure/TPMS indicator blinks twice, then release the button. Repeat step 2 two more times.
- 3 Disconnect the jumper battery, start the vehicle, and verify that the VSA and the Low Tire Pressure/TPMS indicators come on and go off.
- 4 Turn the ignition to Lock (0), exit the HDS, and disconnect the MVCI.

**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.