

December 17, 2014

ATB 50873-01155 REV2(1411)

Low Tire Pressure/TPMS Indicator Is On with VSA DTC 151-11

Supersedes 14-006, dated November 28, 2014, to revise the information highlighted in **yellow**.

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014	CR-V	ALL	ALL

REVISION SUMMARY

- Affected vehicles were updated.
- Under WARRANTY CLAIM INFORMATION, the flat rate time and the operation number were change.
- Under SOFTWARE INFORMATION, the software was updated.

SYMPTOM

The Low Tire Pressure/TPMS indicator is on 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 second software update is needed for different 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

Database Date: 12-Nov-2014

HDS Software Version:

3.015.023 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.

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.

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 vehicle software has been updated.

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	0GA140	57114-T0G-A14
2014 EX, EXL, AWD	0GA240	57114-T0G-A24
2014 LX, 2WD	0HA140	57114-T0H-A14
2014 EX, EXL, 2WD	0HA240	57114-T0H-A24

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
4135A0	Update the VSA modulator-control unit.	0.4 hr	14-006A	P/N 57111-T0G-A22

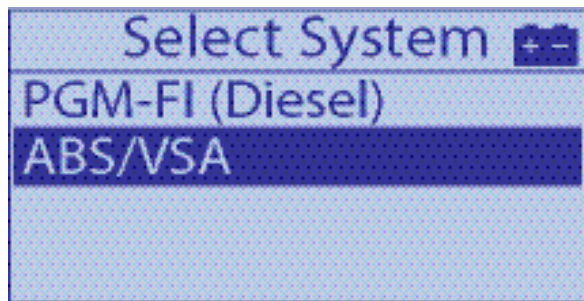
Defect Code: 08001

Symptom Code: 04201

Skill Level: Repair Technician

REPAIR PROCEDURE

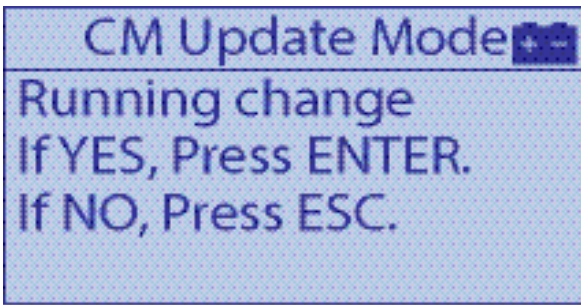
1. Connect a fully charged jumper battery to the vehicle and leave it connected during the entire update procedure to maintain a steady voltage.
2. Apply the parking brake and make sure the headlights are turned off.
3. Turn the ignition to ON and turn off all accessories.
4. Connect the MVCI to the 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. When 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 12 Nov 2014 or later.
8. When the **Select System** screen appears, select **ABS/VSA**, then press ENTER.



NOTE:

- If the VSA update is the only one available, it will automatically go to the VSA selections.
- For program ID and program part number, see SOFTWARE INFORMATION.

9. Scroll down and select **Running change**. If **YES**, press ENTER. Press ENTER again to start reprogramming.



10. While the MVCI updates the vehicle, set the tire pressures to the cold inflation values listed on the driver's doorjamb label.
11. Once the update is complete, follow the screen prompts to turn the ignition to OFF, then to ON again when indicated.

NOTE: If there is an error during the update, keep the ignition turned to ON and press ENTER to display the error code. Record the code and restart the update. If the error code comes back, refer to the CM Update Error Code Table in the MVCI User Guide for more information.
12. When the MVCI displays **VSA Sensor Neutral Position Memorization is required after the completion of the update**, scroll down and press ENTER.
13. Go to VSA SENSOR NEUTRAL POSITION MEMORIZATION PROCEDURE.

VSA SENSOR NEUTRAL POSITION MEMORIZATION PROCEDURE

1. Connect the HDS and make sure the software version is 3.15.023 or later.
2. Select **Honda Systems, ABS/TCS/VSA, Adjustment, and All Sensors**, then follow the screen prompts
3. Once completed, exit the VSA system. Turn the ignition to OFF, then back to ON. 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, Steering Angle Sensor Value Clear**, and follow the screen prompts
3. Turn the ignition to OFF, then back to ON. Go to SPECIAL TPMS 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 they are set to the cold inflation values listed on the driver's doorjamb label.

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

NOTE: Customer normal drive will finish calibration.

END