Low Tire Pressure Indicator Is On With No DTC or DTC 151-11 in VSA System

SYMPTOM

The low tire pressure indicator is on with no DTC or DTC 151-11 (low tire pressure threshold refinement) in the VSA system and the tire pressures were properly set to the driver's door jamb label.

POSSIBLE CAUSE

Software update is needed for different driving conditions and wheel size.

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: 15 November 2013 **or later**

HDS Software Version:
    3.012.015 **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***.

2013 Accord 2-Door

TRIM/WHEEL SIZE	PROGRAM ID (or later)	PROGRAM P/N (or later)
L4, CVT, EX, LX with 17″ wheels	3LA030	57114-T3L-A03
L4, M/T, EX, LX with 17″ wheels	3LA530	57114-T3L-A53
V6, A/T, EX with 18″ wheels	3MA030	57114-T3M-A03
V6, M/T, EX with 18″ wheels	3MA530	57114-T3M-A53

2013 Accord 4-Door

TRIM/WHEEL SIZE	PROGRAM ID (or later)	PROGRAM P/N (or later)
L4, CVT, LX with 16″ wheels	2FA040	57114-T2F-A04
L4, CVT, EX with 17″ wheels	2FA040	57114-T2F-A04
L4, CVT, Sport with 18″ wheels	2FA040	57114-T2F-A04
L4, M/T, LX with 16″ wheels	2FA340	57114-T2F-A34
L4, M/T, EX with 17″ wheels	2FA340	57114-T2F-A34
L4, M/T, Sport with 18″ wheels	2FA340	57114-T2F-A34
V6, A/T, EX with 17″ wheels	2GA040	57114-T2G-A04
V6, A/T, Touring with 17″ wheels	2GA740	57114-T2G-A74

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number: 4135A2

Flat Rate Time: 0.3 hour
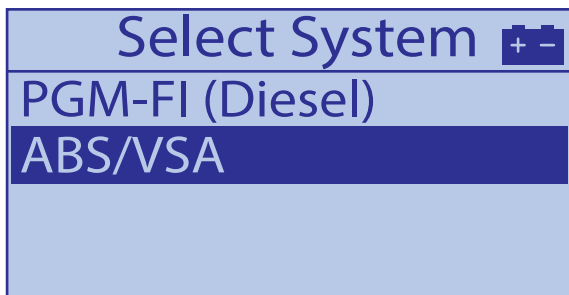
Failed Part: P/N 57110-T2F-A23

Defect Code: 03217

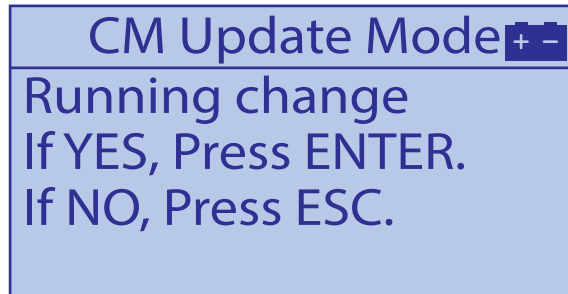Symptom Code: 03215

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 in the OFF position.

3. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode, and turn all accessories off.

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 15 November 2013 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.

Select System	+ −
PGM-FI (Diesel)	
ABS/VSA	

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.

CM Update Mode	+ −
Running change	
If YES, Press ENTER.	
If NO, Press ESC.	

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. If the error code is A, restart the update.

    If it's not 5A, refer to the CM Update Error Code Table in the MVCI User Guide for more information about the error code and its solutions.

13. Press ENTER when the MVCI displays the message "VSA Sensor Neutral Position Memorization is required after the completion of the update, scroll down and press ENTER. 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 HDS software version is 3.012.015 or later.

   • Select **Honda Systems**.

   • Select **ABS/TCS/VSA**.

   • Select **Adjustment**.

   • Select **All Sensors**, then follow the on-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 on-screen prompts.

2. Turn the ignition OFF then ON again. Go to TPMS Calibration.

TPMS Calibration

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 ON, or press the engine start/stop button to select the ON mode.

2. *All except Touring Models:* Press and hold the TPMS button for 3 seconds.

3. When the calibration begins, the indicator blinks twice, then go to step 7.

4. *Touring models:* Press and hold the INFORMATION button on the steering wheel to enter the vehicle settings mode.

5. Press the SEL/RESET button on the steering wheel to select TPMS CALIBRATION.

6. When the calibration successfully begins, "Calibration Started" will be displayed on the MID when the system receives the calibration.

7. Disconnect the jumper battery, start the vehicle and verify that the VSA and the Low Pressure indicators come on and go out.

8. Turn the ignition OFF, exit the HDS, and disconnect the MVCI.