

January 16, 2016

02965 Version 1

Multiple Indicators Are On With DTC 81-1 and/or DTC 61-1

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2011–14	Odyssey	ALL	ALL
2015	Odyssey	ALL	5FNRL5...FB000001 thru 5FNRL5...FB039984

SYMPTOM

Multiple indicators come on with VSA DTC 81-1 (modulator-control unit internal circuit malfunction) and/or VSA DTC 61-1 (modulator-control unit power source circuit (IG) low voltage) set.

POSSIBLE CAUSES

The VSA software is sensitive to low battery voltage.

CORRECTIVE ACTION

Update the VSA modulator-control unit, then do the VSA sensor neutral position memorization.

SOFTWARE INFORMATION

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

MVCI Control Module (CM) Update:

Application Version **3.01.50 or later**

Database update **23-Nov-2015 or later**

HDS Software Version:

3.017.012 or later

Before beginning the repair, make sure that both the HDS and 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 **Available Update** when the update begins.

If the MVCI displays **This vehicle does not need an update at this time** during the update, the software for this bulletin is already installed.

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)
2011–13 Odyssey all except Touring	K8A030	57114-TK8-A03
2011–13 Odyssey Touring	K8A530	57114-TK8-A53
2014–15 Odyssey ALL	K8A620	57114-TK8-A62

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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

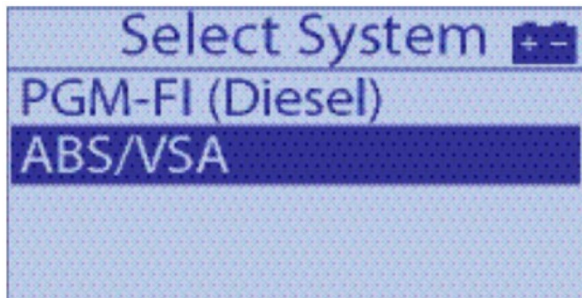
Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
4135A2	Update the VSA modulator-control unit, then do the VSA sensor neutral position memorization.	0.3 hr	03214	03217	16-005A	57111-TK8-A60

Skill Level: Repair Technician

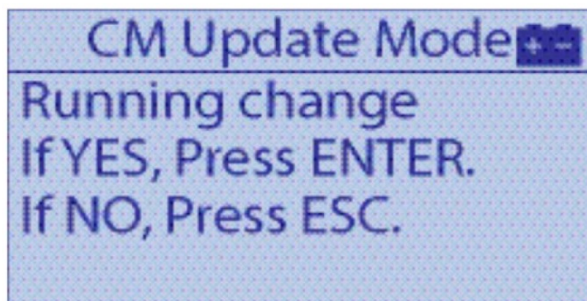
REPAIR PROCEDURE

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.
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, then 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 to the vehicle with the HDS.
2. Select **Honda Systems**.
3. Select **ABS/TCS/VSA**.
4. Select **Adjustment**.
5. Select **All Sensors**, then follow the screen prompts.
6. Once completed, exit the VSA system; turn the ignition to OFF, then to ON again.

END