December 23, 2019   Version 1

9-Speed A/T Hard Upshift with Steady Acceleration or MIL On with DTC P0716

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2018-19	Odyssey	LX, EX, EX-L with 9-speed A/T	ALL

SYMPTOM

The transmission has intermittent harsh or jerky upshifts with steady acceleration, or the MIL comes on with DTC P0716.

POSSIBLE CAUSES

Abnormal TCM adaptation values or a miscalculation in the TCM software causes the MIL to come on with DTC P0716.

> **NOTE**
>
> For the hard upshift concern, make sure the vehicle has at least **500 miles** on the odometer because it takes that long for the TCM to adapt to the customer's driving pattern.

CORRECTIVE ACTION

Update the TCM.

> **NOTES**
>
> • This software update repairs two different symptoms: Intermittent harsh or jerky shifts with steady acceleration and MIL coming on with DTC P0716. Any other conditions continue with normal system troubleshooting.
>
> • Have the service manager or service advisor explain to the customer that after the TCM update, it will take about **500 miles** for the TCM to adapt to the customer's drive pattern.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255C7	Update the TCM software.	0.2 hr	03214	03217	A19124A	28103-5NZ-A00

Skill Level: Repair Technician

SOFTWARE INFORMATION

NOTE

Unnecessary or incorrect repairs resulting from a failure to update the i-HDS are not covered under warranty.

i-HDS Software Version: **1.005.044 or later**

J2534 Software Information:

- PC Application Version **1.1.0.6 or later**

- Database update **25-NOV-2019**

Before beginning the repair, make sure that both the i-HDS and J2534 software are updated as listed above.

Do only the update listed in this service bulletin.

You cannot apply the updates with the MVCI as a standalone tool. To update the software you must use the MVCI or the DST-i interface in conjunction with the J2534 Rewrite PC application on the i-HDS.

For more information about updating the i-HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

Year/Model	Trim	Program ID (or later)
2018 Odyssey	LX	28103-5NZ-A000
2018 Odyssey	EX, EX-L	28103-5NZ-A100
2018 - 19 Odyssey	LX	28103-5NZ-A200
2018 - 19 Odyssey	EX, EX-L	28103-5NZ-A300

REPAIR PROCEDURE

NOTES

- Make sure the 12-volt battery is fully charged before starting an update.

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

- Do not use the GR8 because the vehicle requires a steady electrical current.

- Control module failure caused by the improper completion of a software update (early key cycle, low battery voltage, disconnected DLC cable, etc.) is not covered by warranty.

- If an error occurs during the update or the i-HDS freezes, **do not disconnect the battery or turn the ignition to OFF**. Reboot the i-HDS, and start over.

- To prevent control unit damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.

- Warranty reimbursement for technician labor is not allowed for **routine** checking/installation of any available software update.

1. Verify the customer concerns for the intermittent harsh or jerky upshift with steady acceleration or the MIL or OBS is on with DTC P0716.

   ### NOTE
   This service bulletin does not apply to vehicles with a hard downshift or hard upshift using the paddle shifters or vehicles with under **500 miles** on the odometer, Follow normal system troubleshooting.

2. Update the TCM software using the J2534 Rewrite software with the DST-i. Refer to service bulletin 01-023, *Updating Control Units/Modules*.

   ### NOTE
   Have the service manager or service advisor explain to the customer that after the TCM update, it will take about **500 miles** for the TCM to adapt to the customer's drive pattern.

END