

May 6, 2016

03246 Version 2

Transmission Function Improvements: Sensation of Surge While Braking, Slow Downshift Response at Low Engine Speeds, and Other Listed Symptoms.

Supersedes 16-012, dated February 17, 2016, to revise the information highlighted in **yellow**

AFFECTED VEHICLES

Year	Model	Trim	VIN range
2015–16	TLX	V6 2WD with 9-speed A/T	19UUB2...FA021489 and later
2015–16	TLX	V6 AWD with 9-speed A/T	19UUB3...FA007728 and later

REVISION SUMMARY

Under **BACKGROUND**, a symptom was added.

BACKGROUND

American Honda has made several shift quality improvements in the 2015 and 2016 TLX V6.

SYMPTOM	UPDATE
There is a sensation of acceleration while coasting down a hill.	Engine mapping has been changed to better manage 8-7 and 5-4 downshifts with the throttle closed.
There is a sensation of a surge while braking.	
The transmission feels like it stays in gear too long.	Transmission mapping on the 5-4-3 downshift when accelerating at low engine speeds was changed to a 5-3 downshift to provide a quicker acceleration response.
P2638 (Does not turn on the MIL)	Improved torque accuracy monitoring.

CORRECTIVE ACTION

Update the TCM software. Clear all DTC's created during the update and do the idle learn procedure.

This software update will change the way the transmission shifts.

After the update it may take up to 30 miles for the transmission to adapt to the client's driving habits.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Labor Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2235A2	Update the TCM software.	0.2 hr	03214	03217	16-012N	06280-5L9-A52
A	Do the idle learn procedure.	0.1 hr				

Skill Level: Repair Technician

CLIENT 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 Acura automobile dealer.

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: **03-Nov-2015 or later**

HDS Software Version:

3.017.012 or later

Before beginning the update, 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 **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 service bulletin is already installed.

For more information about updating the HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-026, *Updating Control Units/Modules*.

Programs ID's

Year/Model/Trim	Program ID (or later)	Program P/N (or later)
2015-16 2WD Base, Technology	J4A590	28101-5J4-A590
2015-16 2WD Advance	J4A690	28101-5J4-A690
2015-16 AWD Base, Technology	L9A690	28101-5L9-A690
2015-16 AWD Advance	L9A700	28101-5L9-A700

REPAIR PROCEDURE

1. Update the TCM software. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.
2. Do the idle learn procedure. Refer to the service information.

END