

April 14, 2015

01745 Version 1

Transmission Slips or Shifts Hard When Cold

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2015	TLX	ALL L4	19UUB1...FA000001 thru 19UUB1...FA011573

SYMPTOM

The 8-speed dual-clutch transmission (DCT) slips or shifts hard when cold, usually on 1st to 2nd upshifts. The client may also report about feeling bumped or jerked once the vehicle has come to a stop. After the transmission warms up, it shifts normally.

POSSIBLE CAUSE

The PCM settings, along with the **odd** and **even** clutches having not been properly broken in.

CORRECTIVE ACTION

Update the PCM A/T software and do the clutch break-in procedure twice.

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 **3.01.40 or later**

Database update **17-Mar-2015 or later**

HDS Software Version:

3.016.018 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 01-026, *Updating Control Units/Modules*.

Year/Model	Program ID (or later)	Program P/N (or later)
2015 TLX L4	A560	37805-RDF-A560

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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Template ID	Failed Part Number
1255C9	Update the PCM A/T software and do the clutch break-in procedure twice	0.7 hr	15-021N	37820-RDF-A54

Defect Code: 03124

Symptom Code: 03230

Skill Level: Repair Technician

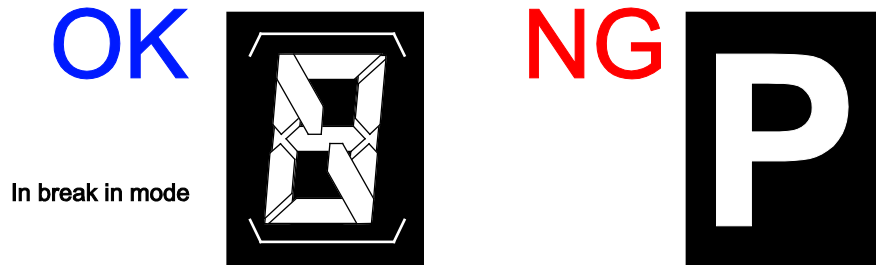
REPAIR PROCEDURE

1. Update the PCM A/T software with the MVCI. Refer to Service Bulletin 01-026, *Updating Control Units/Modules*.
2. Make sure vehicle is on a flat surface, the parking brake is applied, and all electrical loads are turned off.
3. Make sure the transmission is in Park, then without pressing the brake pedal, turn the ignition to ON.
4. Connect the HDS, check the VIN, and enter the RO number to unlock the security command.
5. Go to the **A/T Data List** and make sure the **ATF Temperature** reads between **104 ° F** and **147° F**
 - If the reading is between **104° F and 147° F**, go to step 6.
 - If the reading is below **104° F**, start the engine and warm up the ATF. Once the reading is within range, turn off the HDS, turn the ignition to OFF, and go back to step 3.
 - If the reading is above **147° F**, Open the hood and cool down until the ATF temp is within range, Once the reading is within range, turn off the HDS, turn the ignition to off, and go back to step 4.
6. From the **A/T Data List** short the SCS.
7. Make sure the ignition is turned to ON and The transmission is in Park.

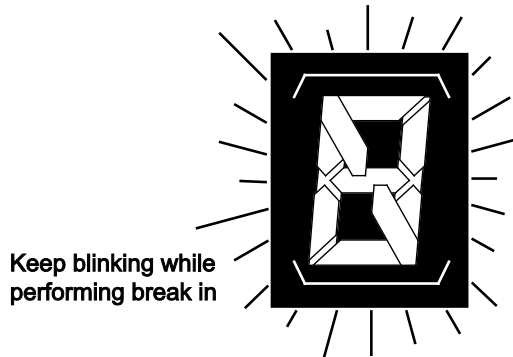
NOTE: As soon you press the brake pedal, you must complete the following steps within **60 seconds**.
8. Press down on the brake pedal and release it.
9. Press down and release the accelerator pedal three times.
10. Press down on the brake pedal, shift from Park to Neutral, then release the brake pedal.
11. Press down and release the accelerator pedal three times.
12. Press down on the brake pedal, shift from Neutral to Park, then release the brake pedal.
13. Press down and release the accelerator pedal three times.
14. Press down on the brake pedal and hold it.

15. Make sure the Gear Position indicator has all of its segments showing.

NOTE: If all of the segments are not showing, you must exit the HDS, turn the ignition to OFF, and go back to step 3.



16. Start the engine. After about **10 seconds** the break-in procedure will automatically begin and the Gear Position indicator will start to blink. This procedure takes about **4 minutes**. During that time, engine fluctuation is normal. If you release the brake pedal or press down on the accelerator pedal, the procedure will stop and you will need to start over at step 3.



17. After the idle returns to normal, turn the ignition to OFF. If this is the first break-in procedure repeat steps 5 thru 16, if this is the second break-in procedure go to step 18.

18. Make sure the break-in procedure is complete by checking the status on the following items on the **Data List**:

- **Completed Clutch Lap Cycles** count shows **2 times**, and
- **Clutch Lap Completion Status** shows **Complete**.

NOTE: If not complete return to step 5 and repeat the procedure.

END.