



Technical Service Information Bulletin

January 19, 2007

Title:

3RD - 4TH GEAR SHIFT FLARE

Models:

'07 ES 350

TC001-07

TRANSMISSION & CLUTCH

TSIB UPDATE NOTICE:

The information contained in this TSIB supercedes TSIB No. TC004-06.
TSIB No. TC004-06 is now obsolete and should be discarded.

Introduction Some customers may experience a shift flare of up to 1000 RPM between the 3rd and 4th gear shift point during the first ten minutes of operation after a cold start. Follow the repair procedure in this bulletin to address customer concerns.

NOTE:

This TSIB ONLY applies to vehicles that have been confirmed to have the customer concern listed above. Follow the drive pattern specified in the Repair Procedure to determine if this TSIB applies.

Applicable Vehicles

- 2007 model year **ES 350** vehicles produced **BEFORE** the Production Change Effective VIN shown below.

Production Change Information

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
ES 350	TMC	JTHBJ46G#72064871

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
30510-33530	Same	Automatic Transaxle Assembly W/Torque Converter	1
00289-ATFWS	Same	ATF WS	5.6 qts (5.3 liters, 4.7 Imp. qts)

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
TC5006	R & R Transaxle Assembly	7.4	30510-33530	26	99

Applicable Warranty*:

This repair is covered under the Lexus Powertrain Warranty. This warranty is in effect for 72 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.



* Warranty application is limited to correction of a problem based upon a customer's specific complaint.



**Required
Tools &
Material**

TOOLS & MATERIAL	QUANTITY
Toyota Genuine Adhesive 1344, Three Bond 1344, or equivalent	As Needed

**Required
SSTs**

ITEM NO.	SPECIAL SERVICE TOOLS (SSTs)	PART NUMBER	QTY	DRW**
1	Lexus Diagnostic Tester Kit* NOTE: <ul style="list-style-type: none"> All components from this kit/set are required. 12 Megabyte Diagnostic Tester Program Card (P/N 01002593–005) with version 14.0a Software (or later) is required. 	LEX220036	1	8
2	CAN Interface Module Kit* NOTE: <ul style="list-style-type: none"> All components from this kit/set are required. 	01002744	1	8

* Essential SSTs.

** Drawer number in SST Storage System.

NOTE:

Additional Diagnostic Tester Kits, CAN Interface Modules, Program Cards, or other SSTs may be ordered by calling SPX/OTC at 1-800-933-8335.

**Repair
Procedure**

1. Allow the vehicle to cold soak for a minimum of 4 hours.
2. Connect the Diagnostic Tester to DLC3.
3. Turn the engine switch ON.
4. Turn the Diagnostic Tester ON.
5. Enter the following menus on the tester:
DIAGNOSIS / OBD–MOBD / ECT / DATA LIST.
6. Start the engine.
7. Monitor SHIFT position and ENGINE SPD while driving the vehicle with light throttle application (under 25% throttle angle).
8. If shift flare is up to 1000 RPM when shifting from 3rd to 4th gear, remove and replace the transaxle assembly w/torque converter.

NOTE:

When the automatic transaxle is replaced, the transaxle compensation code must be input into the TCM. After the automatic transaxle is reinstalled, the QR code label will be positioned where the code cannot be read. Therefore, before reinstalling the automatic transaxle, record the transaxle compensation code.

9. After replacement of the transaxle assembly w/torque converter enter the new transaxle compensation code.
Refer to TSIB No. TC002–06, “U660E Automatic Transaxle Compensation Code Input Process”.