

TC002-99 SHUDDER DURING 2-3 SHIFT

1999 Lexus RX 300

ARTICLE BEGINNING

TECHNICAL SERVICE BULLETIN

SHUDDER DURING 2-3 SHIFT

Model (s): 1999 Lexus RX 300 & ES 300
Section: Transmission & Clutch
Bulletin No.: TC002-99
Date: August 6, 1999

INTRODUCTION

Some 1999 RX 300s & 1999 ES 300s may exhibit an intermittent shudder during the 2-3 shift under the following conditions:

- * Engine and Transaxle at operating temperature.
* Light throttle acceleration (30% throttle opening or less).

PRODUCTION CHANGE INFORMATION

The Transaxle Valve Body was improved in production to correct this condition.

PRODUCTION CHANGE INFORMATION

Table with 3 columns: Model, Starting VIN, and a blank column. Rows include RX 300 U140E, RX 300 U140F, ES 300 U140E, and ES 300 U140E.

PARTS INFORMATION

PARTS INFORMATION TABLE

Table with 3 columns: Previous Part Number, Current Part Number, and Part Name. Rows show part numbers 35410-48010 and 35410-48011 for Body Assembly, Transmission Valve.

WARRANTY INFORMATION

WARRANTY INFORMATION TABLE

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1999 Lexus RX 300

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OPCODE      Description      Time      OPN      T1      T2
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
369251      R & R Valve Body      1.9      35410-48010      21      99
          35410-48011
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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.

REPAIR PROCEDURE

Replace Transaxle Valve Body. Follow Transaxle Valve Body Replacement Procedures as outlined in the U140E Repair Manual (Pub. No. RM633U) or U140F Repair Manual (Pub. No. RM632U).

NOTE: All valve bodies in parts stock were produced after the Production Change.

NOTE: Shown in Fig. 1 are corrections to the U140E and U140F Repair Valve Body Installation Procedures.

NOTE: After replacing the Valve Body, perform the "Reset Memory" Function as outlined in TSIB TC005-98 dated December 25, 1998.

Spring		Free length Outer diameter mm (in.)	Color
B ₃	Inner	60.24 (2.3716) / 15.9 (0.626)	Green
	Outer	74.61 (2.9374) / 16.7 (0.657)	Blue
C ₃		90.49 (3.5626) / 19.2 (0.756)	Yellow White
C ₁		90.53 (3.5642) / 18.5 (0.728)	Red

U140E Automatic Transaxle - Pg. AX-50 and U140F Automatic Transaxle - Pg. AX-51

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Fig. 1: Revised U140E/U140F Valve Body Installation Procedure

END OF ARTICLE