

S-SB-0014-13

April 19, 2013

Rattle Noise From MT Shift Lever

Service Category Drivetrain

Section Manual Transmission/Transaxle Market USA

Scion Supports ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	FR-S	Transmission(s): 6MT

Introduction

Some 2013 model year FR-S vehicles equipped with a 6-speed manual transmission may exhibit a rattle type noise from the manual transmission shifter between 3,500 – 6,000 rpm. Follow the procedure in this bulletin to address this condition.

Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VIN shown below.

MODEL	TRANSMISSION	PRODUCTION CHANGE EFFECTIVE VIN
FR-S	6 Speed MT	JF1ZNAA1#D1605967

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
332011	R & R Shift Lever Assembly	1.7	SU003-04526 SU003-00876 SU003-04562	91	43

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
SU003-04526	SU003-04598	Shift Lever Assembly	1
SU003-00876			
SU003-04562			

Repair Procedure

1. Confirm the condition.

Test drive the vehicle to confirm there is a rattle type noise from the floor shift lever assembly between 3,500 – 6,000 rpm.

Refer to the video link below for an example of the rattle noise.

Rattle Noise Example

<p>HINT This noise may occur in any gear position, but is most noticeable in 3rd gear.</p>
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Is the rattle noise coming from the shift lever assembly?

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Replace the shift lever assembly.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- 2013 FR-S:
Drivetrain – Manual Transmission/Transaxle – “TL70 Manual Transmission/Transaxle: Manual Transmission Assembly: Removal / Installation”

3. Confirm the repair.