


# Outer Rear View Mirror Looseness

**Service Category** Vehicle Exterior

**Section** Mirror (ext)

**Market** USA

Scion Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2013	FR-S	

## Introduction

Some 2013 model year FR-S vehicles may exhibit a condition where the outer rear view mirrors vibrate while moving, most visibly at highway speeds. The retaining bolts and mirror housing base have been revised to better ensure the stability of the mirror housing. 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	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
FR-S	2WD	JF1ZNAA1#D2718009

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
BD1416	R & R Mirror Bolts (One Side)	0.8	SU003-03048 (RH) SU003-03054 (RH) SU003-04699 (RH) SU003-04705 (RH)	62	14
BD1417	R & R Mirror Bolts (Both Sides)	1.0	SU003-03049 (LH) SU003-03055 (LH) SU003-04700 (LH) SU003-04706 (LH)		

### 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

PART NUMBER	PART NAME	QTY
SU003-04923	Mirror Bolt, FLG	3

### Required Tools & Equipment

REQUIRED MATERIAL	QUANTITY
Loctite® 243™ Threadlocker, or Equivalent	As Needed

### Repair Procedure

1. Confirm the condition described in the Introduction.
2. Verify torque on the outer rear view mirror housing mounting bolts. Tighten and retest to confirm cause or looseness.

Does the mirror still vibrate after tightening the bolts?

- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- **NO** — Continue to step 3.

3. Remove the outer rear view mirror assembly.

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

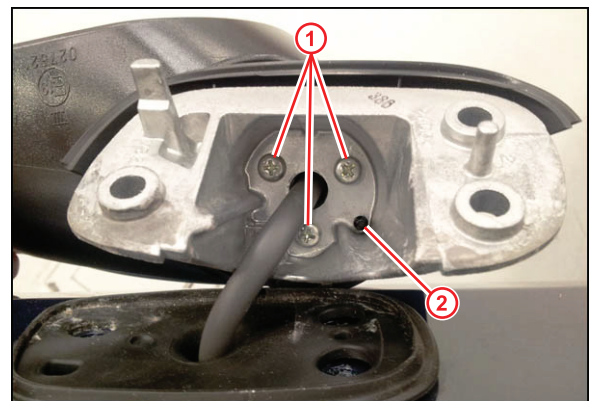
- 2013 FR-S:  
*Vehicle Exterior – Mirror (ext) – “Mirror (Ext): Outer Rear View Mirror: [Removal](#)”*

4. Remove the 3 Phillips screws, which hold the mirror head to the base.

**NOTICE**

Avoid damaging the Phillips drive portion of the screws by using the appropriate Phillips screwdriver. The screws are installed with a threadlocking compound and may require some extra torque to remove.

Figure 1.



1	Remove These 3 Screws
2	Do NOT Remove This Screw

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### Repair Procedure (Continued)

5. Apply Loctite® 243™ Threadlocker or equivalent compound to threads of NEW bolts, and install.

**Torque: 4 N\*m (40.8 kgf\*cm, 35.4 in\*lbf)**

6. Install the outer rear view mirror assembly.

Refer to TIS, applicable model and model year Repair Manual:

- 2013 FR-S:  
*Vehicle Exterior – Mirror (ext) – “Mirror (Ext): Outer Rear View Mirror: [Installation](#)”*

7. Confirm the repair.