

Excessive Wind Noise from Moon Roof when Open

Service Category Vehicle Exterior

Section Window/Glass

Market USA

Scion Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2011 – 2012	tC	

Introduction

Some 2011 – 2012 model year Scion tC vehicles may exhibit excessive wind noise with the moon roof in the “Full Open” position. This condition typically starts at 45 mph and increases with speed. New Sliding Roof Guide Rail Sub-Assemblies have been developed to improve this condition.

Production Change Information

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

MODEL	PRODUCTION CHANGE EFFECTIVE VIN
tC	JTKJF5C7#C3028360

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
N/A	63207-21030	Rail Sub-Assy, Sliding Roof Guide	1

Warranty Information

OP CODE	DESCRIPTION	TIME	OFFP	T1	T2
BD1129	R & R Both Sliding Roof Guide Rail Sub-assemblies	2.0	63209-21020	59	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive 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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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Plastic Pry Tool Set*	00002-06000-01	1

* Essential SST.

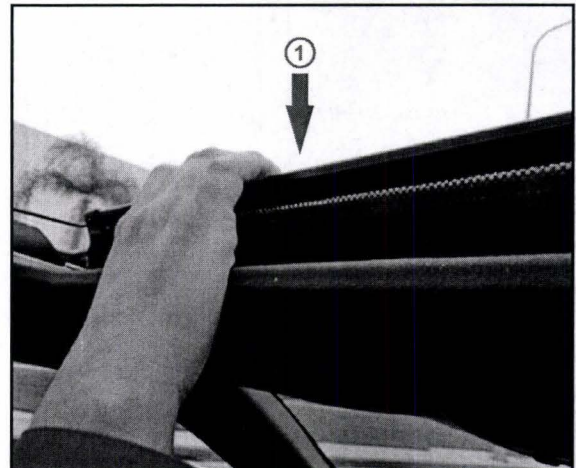
NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

Repair Procedure

- Confirm vehicle has excessive wind noise while driving at 45 mph with the moon roof in the "Full Open" position. If excessive wind noise is present, lower the fabric wind deflector ~20 mm (0.75 in.).
 - If wind noise decreases, proceed to step 2.
 - If wind noise does NOT decrease, this bulletin does not apply.

Figure 1.



1	20 mm
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- Open the moon roof fully and remove the headliner.

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

2011 / 2012 Scion tC:

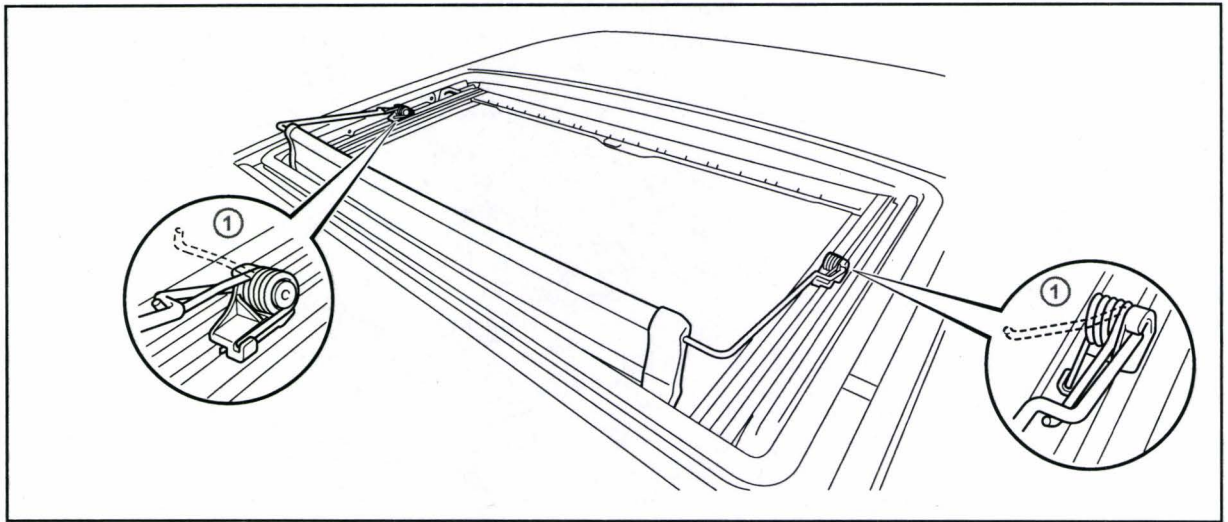
Vehicle Interior – Interior Panels/Trim – “Interior Panels/Trim: Roof Headlining: Removal”

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Repair Procedure (Continued)

- Remove the roof wind deflector panel sub-assembly by unlatching the 2 springs.

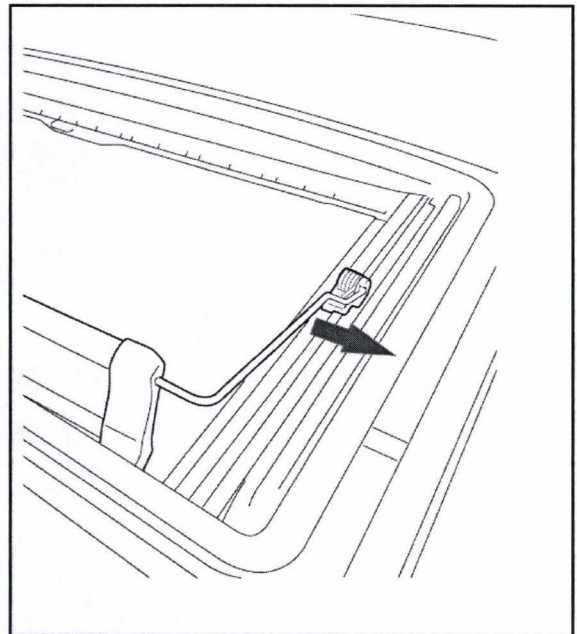
Figure 2.



1	Deflector Arm
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- Pull the deflector arm towards the outside and remove it from the holder.

Figure 3.

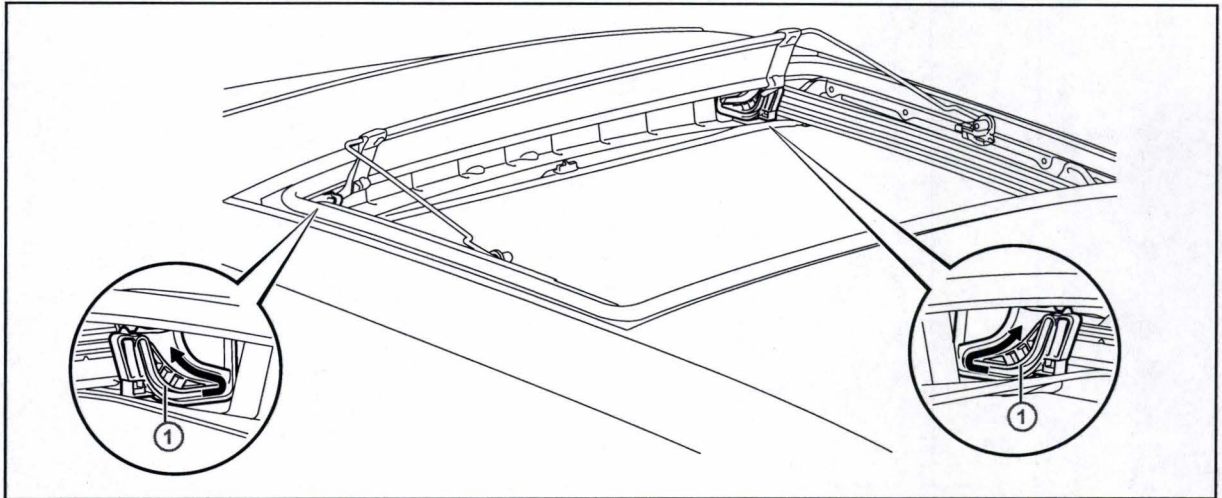


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Repair Procedure (Continued)

- Slide the roof wind deflector panel along the grooves of the sliding roof guide rail sub-assemblies as shown in Figure 4 and remove.

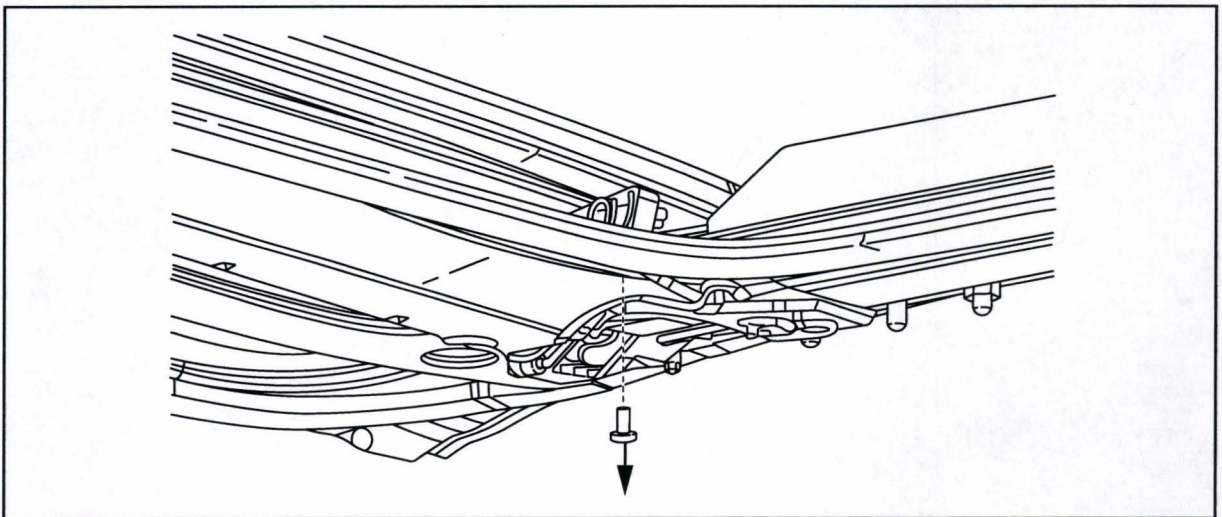
Figure 4.



1	Sliding Roof Guide Rail
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- Remove the screw holding the sliding roof guide rail sub-assembly on each side.

Figure 5.



NOTE

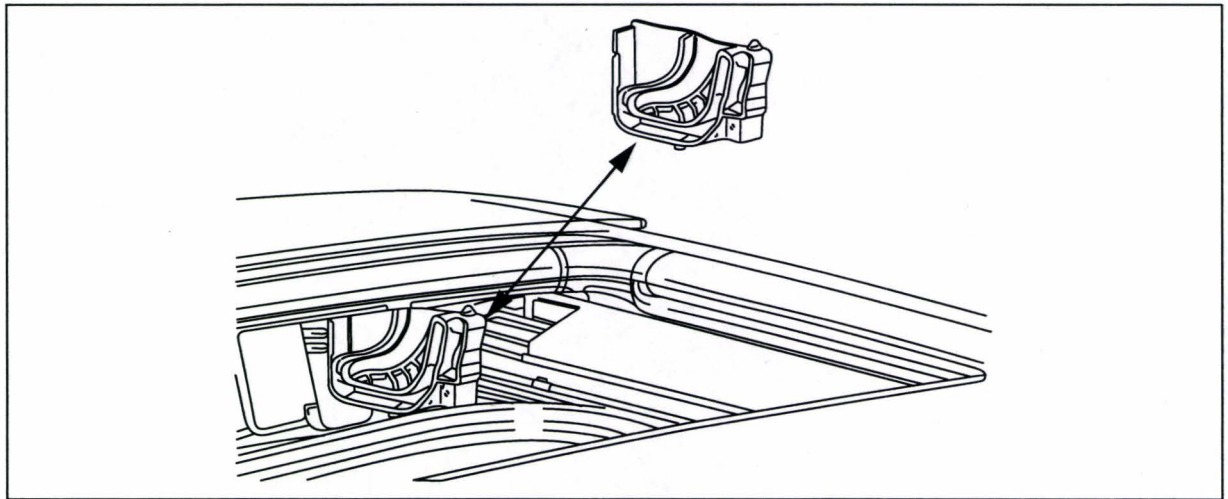
Screw cannot be reused.

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Repair Procedure (Continued)

7. Remove both sliding roof guide rail sub-assemblies.

Figure 6.



8. Install the NEW sliding roof guide rail sub-assemblies using the supplied hardware.
9. Reinstall the deflector in the reverse order of removal.

NOTICE

Take care not to damage the wind deflector panel.

10. Install the headliner.

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

2011 / 2012 Scion tC:

Vehicle Interior – Interior Panels/Trim – “Interior Panels/Trim: Roof Headlining: Installation”

11. Confirm repair.