



Panoramic Roof Rattling

Classification	Repair Bulletin	Section/Group	24 - Roof	Country/Region	All
Year	2013-2014	Model	Model S	Version	All

Bulletin Classification: *This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. These instructions assume knowledge of motor vehicle and high voltage electricity repairs, and should only be executed by trained professionals. Tesla Motors assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.*

Condition

In some vehicles, the panoramic roof might make a rattling sound when the vehicle is on a rough road and the moving glass is open.

Correction

Install a washer on each of the 4 bolts that secure the moving glass to the link assemblies.

Required Part(s):	Part Number	Description	Quantity
	1045646-00-A	WASHER - ANTI-NOISE SHIM	0 or 4
	1006148-00-A	BOLT SHLDR TRX M5x0.8x12	1 or 4

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

Correction Description	Correction	Time
Vehicle Inspection Only; Washer Installation on Moving Glass Bolts Not Necessary	S011424002	0.05
Install Anti-Noise Washers On Moving Glass Bolts	S021424002	0.1

Procedure

1. Fully open the panoramic moving glass.
2. Remove 1 of the bolts that secure the moving glass to the link assemblies (torque 5 Nm) (Figure 1).



Figure 1 (Rear LH bolt shown)

3. Inspect the bolt for a washer (Figure 2).



Figure 2 (Washer highlighted)

- If a washer is not present:
 - a) Discard the bolt.


⚠ CAUTION: This bolt is one-time use.

 - b) Install a washer onto a new bolt.
 - c) Install the bolt to secure the moving glass to the link assembly (torque 5 Nm).
 - d) Repeat steps 1–3 for the remaining 3 bolts that secure the moving glass to the link assemblies. Remove and replace 1 bolt at a time.

- If a washer is present:

a) Remove the washer from the bolt.

b) Discard the bolt.

 **CAUTION:** This bolt is one-time use.

c) Install the washer onto a new bolt.

d) Install the bolt to secure the moving glass to the link assemblies (torque 5 Nm). No additional work is needed.

Affected VIN(s) Affected Model S vehicles with panoramic roofs built after approximately December 1, 2013.

NOTE: This is a simplified summary of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.

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