



Wind Noise From Front Of Glass Roof

Classification	Repair Bulletin	Section/Group	10 - Body	Country/Region	All
Year	2016-2017	Model	Model S	Version	Glass Roof

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 electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.*

Condition

On some Model S vehicles, the leading edge of the glass roof might be a source of wind noise.

Correction

Apply a foam strip between the glass roof and the windshield. If necessary, replace the windshield to provide better fitment with the roof.

Correction Description	Correction	Time
SB-17-10-001 Not Applicable	S011710001	0.00
Vehicle Inspection Only; Foam Strip Installation Not Required	S021710001	0.30
Install Foam Strip Between Glass Roof And Windshield To Reduce Wind Noise	S031710001	0.75
Replace Windshield For Fitment To Glass Roof And Install Foam Strip To Reduce Wind Noise	S041710001	2.35

Required Part(s):	Part Number	Description	Quantity
	1122892-00-A	SEMI-CLOSED EPDM FOAM STRIP	1-2

NOTE: This procedure only applies to Model S with the glass roof. It does not apply to vehicles with the optional panoramic roof.

Test Drive Vehicle

1. Test drive the vehicle:
 - If wind noise is present, continue to the “Install Foam Strip” section of this procedure.
 - If wind is not present, discontinue this procedure.

Install Foam Strip

1. Lay the foam strip across the gap between the glass roof and the windshield.
2. Use an angled plastic trim tool to tuck the foam strip underneath the RH front corner of the glass roof.
3. Working from right to left, tuck the foam underneath the leading edge of the glass roof while gently pulling the loose end of the foam strip to keep it taut (Figure 1).



Figure 1

4. Cut and discard any excess foam strip.

- Working from left to right, flip the windshield seal up and over the foam strip (Figure 2). Ensure that the windshield seal returns to its original position and that the foam is fully tucked underneath the seal.

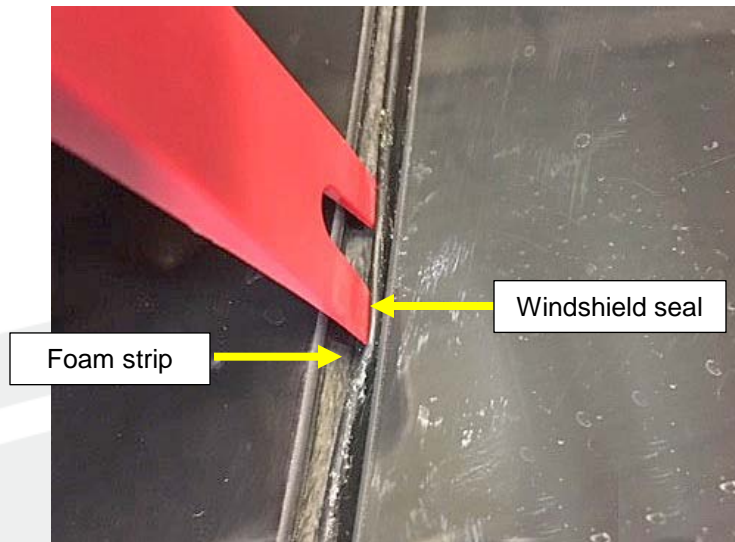


Figure 2

- Test drive the vehicle again:
 - If wind noise is still present, continue to the “Measure Gap and Flushness” section of this document.
 - If wind noise is sufficiently reduced, discontinue this procedure.

Measure Gap and Flushness

- Measure the gap and flushness between the glass roof and the windshield. Compare the gap and flush measurements to the specifications:

Gap: 4.5 mm +/- 2 mm	Flushness of roof to windshield: 0 mm +/-2 mm
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- If both the gap and flushness are within specification, escalate a Toolbox session, as appropriate.
- If either the gap or flushness is out of specification, replace the windshield (refer to Service Manual procedure 10200102), being careful to install the new windshield to proper gap and flushness specification with the glass roof. Repeat the “Install Foam Strip” section of this document.

Affected VIN(s) Affected Model S vehicles with glass roofs built between approximately November 1, 2016 and March 17, 2017.

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.

For feedback on the accuracy of this document, email ServiceBulletinFeedback@tesla.com.