



Active Spoiler Wind Noise

Classification	Campaign Bulletin	Section/Group	45 - Noise, Vibration & Harshness	Country/Region	United States
Year	2016	Model	Model X	Version	All

Bulletin Classification: *This campaign bulletin addresses a known non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to all vehicles in the affected VIN range listed. These instructions assume knowledge of motor vehicle and high voltage electrical component 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

Some Model X vehicles might be susceptible to excessive wind noise when the active spoiler is extended.

Correction

Apply sealant to the leading edge of the active spoiler to improve aerodynamics and reduce wind noise.

Correction Description	Correction	Time
SB-16-45-002 Not Applicable	S011645002	0.00
Inspection Only; Active Spoiler Sealant Application Not Required	S021645002	0.05
Apply Sealant To Active Spoiler Leading Edge	S031645002	0.40

Shop supplies:

Alcohol wipes (1054788-00-A or equivalent)
 Loctite 5510 Clear Adhesive/Sealant (1031124-00-A or equivalent)
 Isopropanol (1054782-00-A or equivalent)
 Disposable nitrile gloves

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

Procedure

1. Extend the active spoiler.
2. Inspect the leading edge of the spoiler:
 - If a rubber seal is present on the leading edge (Figure 1), discontinue this procedure.
 - If a seal is not present, continue this procedure.

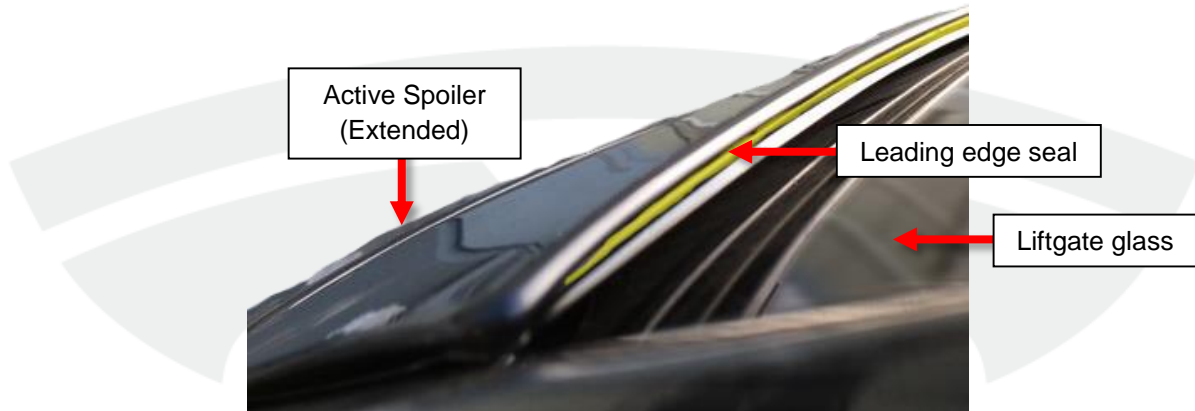


Figure 1 (Leading edge seal highlighted)

3. Prepare a soft, clean area on which to set the spoiler after it is removed.
4. Remove the active spoiler assembly (refer to Service Manual procedure 12220101) and place it upside down on the working area.
5. Use an alcohol wipe to clean the leading edge of the spoiler (Figure 2). Allow the area to dry before continuing.

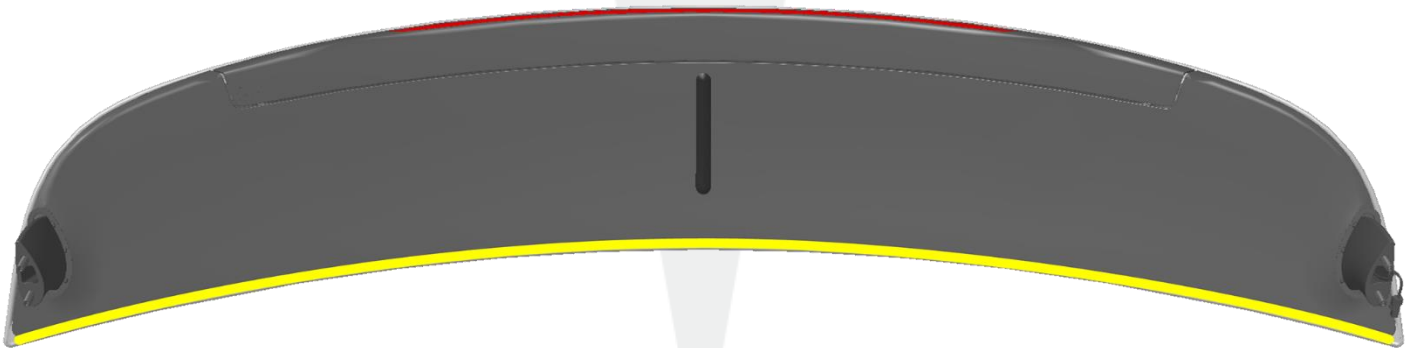


Figure 2 (Spoiler leading edge highlighted)

6. Apply a 2-3 mm bead of Loctite 5510 clear sealant to the spoiler leading edge (Figure 3).



Figure 3 (Sealant bead highlighted)

7. Use isopropanol on a gloved finger to smooth out the sealant bead.

NOTE: Ensure that the sealant covers the entire spoiler leading edge seam with no gaps.

8. Use an alcohol wipe to clean any excess sealant off the spoiler applique.

NOTE: Allow the sealant to dry for 1 hour before reinstalling the spoiler.

9. Reinstall the spoiler (refer to Service Manual procedure 12220101).

Affected VIN(s) Affected Model X vehicles built before approximately February 17, 2016.

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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