



Install Foam Tape Around Rear Door Ultrasonic Sensors

Classification Campaign Bulletin **Section/Group** 11 - Closures **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.*

This Service Bulletin supersedes SB-16-11-004 R1, dated 19-May-16. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

On some Model X vehicles, an open rear window might cause the rear door ultrasonic sensors to detect non-existent objects, causing the door to stop unnecessarily while it is opening. The user can still continue to open the door by holding the door switch.

Correction

On both sides of the vehicle, install foam tape around the rear door ultrasonic sensor.

Required Part(s):	Part Number	Description	Quantity
	1089991-00-A	NORSEAL V710 FOAM TAPE	1

NOTE: One roll of tape has enough material for 7 vehicles.

NOTE: 1072338-00-A is also acceptable for this procedure.

This part number was current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

Shop supplies:

Alcohol wipes (1054788-00-A or equivalent)

Correction Description	Correction	Time
SB-16-11-004 Not Applicable	S011611004	0.00
Install Foam To Improve Rear Door Sensor Operation	S021611004	1.35
Vehicle Inspection Only; Foam Not Required For Rear Door Sensors	S031611004	0.55

Inspection

1. Remove the LH rear door closeout panel (refer to Service Manual procedure 11701401).
2. Check for the presence of a foam ring around the ultrasonic sensor (Figure 1).
 - If there is a foam ring, no further work is needed. Reinstall the parts that were removed for access and discontinue this procedure.
 - If there is no foam ring, continue to the “Foam Tape Installation” section of this document.

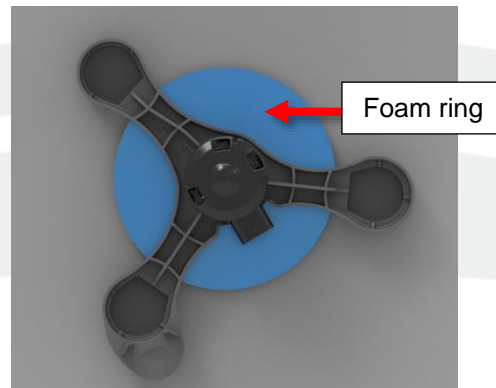


Figure 1

Foam Tape Installation

1. Use alcohol to clean the areas around the sensor carrier. Allow the alcohol to fully dry before continuing.
 2. Cut two 2.5 cm pieces of foam tape.
- ⚠ CAUTION:** Do not allow the foam tape to touch the sensor harness or its connector.
3. Install the 2.5 cm pieces of foam tape on both sides of the sensor harness connector as shown (Figure 2).

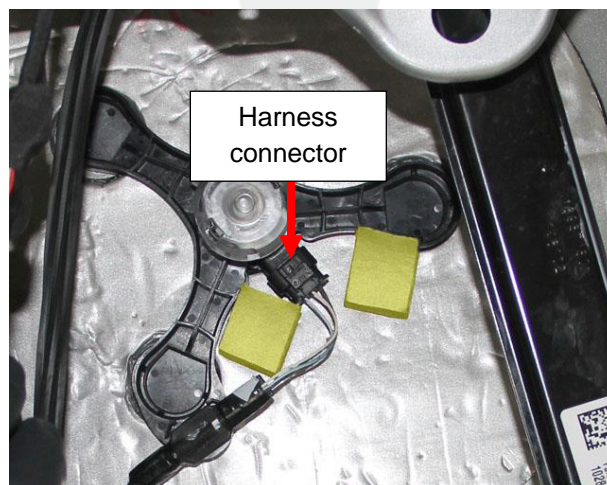


Figure 2 (Foam tape highlighted)

4. Cut a 12 cm piece of foam tape.

5. Install the foam tape along the curved rear section of the sensor as shown (Figure 3).

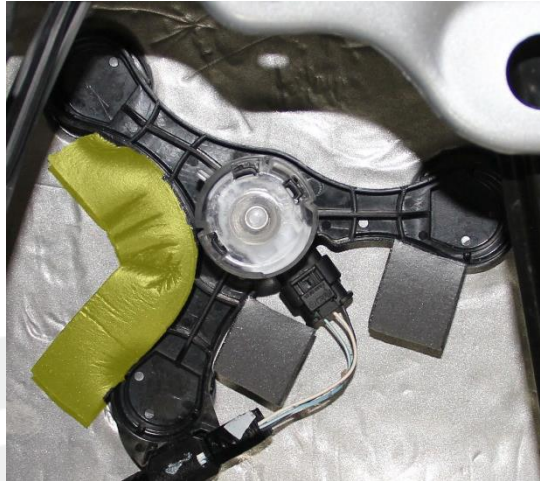


Figure 3 (Foam tape highlighted)

6. Cut a 14 cm piece of foam tape.
7. Install the foam tape along the curved top section of the sensor as shown (Figure 4).



Figure 4 (Foam tape highlighted)

8. Reinstall the parts that were removed for access.
9. Remove the RH rear door closeout panel (refer to Service Manual procedure 11701401).
10. Repeat the procedure on the RH side of the vehicle.

Affected VIN(s) Affected Model X vehicles built before approximately March 10, 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.

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

