



Resecure Door Handle Back Seal

Classification Repair Bulletin **Section/Group** 11 - Closures **Country/Region** All

Year 2012–2015 **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 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-15-11-003 R1, dated 22-Oct-15. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

In warm weather conditions, the back seal might detach from the exterior door handle assembly. This might cause scratches or butyl streaks to appear on the window. A detached back seal might also cause a scraping noise or otherwise interfere with normal window operation. A detached back seal does not affect the operation of the exterior door handle.

Correction

Upon complaint, replace the back seal on the affected side, install 4 push nuts and 1 cable tie to secure the back seal to the exterior door handle assembly.

Correction Description	Correction	Time
SB-15-11-003 Not Applicable	S011511003	0.0
(Obsolete code; do not use)	S021511003	—
(Obsolete code; do not use)	S031511003	—
Replace LH Front Door Handle Seal, Install 4 Push Nuts, And 1 Cable Tie	S041511003	1.0
Replace RH Front Door Handle Seal, Install 4 Push Nuts, And 1 Cable Tie	S051511003	1.0
Replace LH Rear Door Handle Seal, Install 3 Push Nuts, And 1 Cable Tie	S061511003	0.8
Replace RH Rear Door Handle Seal, Install 3 Push Nuts, And 1 Cable Tie	S071511003	0.8

Required Part(s):	Part Number	Description	Quantity
	1067906-00-A	PUSH-NUT 5/32"x17/64"x1/32"	4
		As required:	
	1008999-00-E	BACK SEAL, DOOR HANDLE OUTER, LEFT	1
	1021114-00-E	BACK SEAL, DOOR HANDLE OUTER, RIGHT (The same part number is used for front or rear door handle assemblies)	1

Shop supplies:

Cable tie (1039480-00-A or equivalent tie rated up to 85° C)

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. Remove the affected exterior door handle assembly:
 - **Front door:** Refer to Service Manual procedure 11451002.
 - **Rear door:** Refer to Service Manual procedure 11452002.

NOTE: Do not remove the handle grip from the assembly.

2. Remove and discard the back seal on the door handle assembly.
3. Remove any excess butyl residue on the door handle assembly with alcohol wipes, and ensure that the mating surface is clean. Allow the door handle assembly to dry completely before continuing this procedure.
4. Install the new back seal on the door handle assembly. Align the stud towers on the door handle assembly with the holes in the back seal. Press the back seal firmly to properly set the butyl seal between the back seal and the door handle assembly.

TIP: Roll the side of a small tool socket or similar tool on the back seal while applying firm pressure to ensure proper seating of the butyl seal on the door handle assembly (Figure 1).

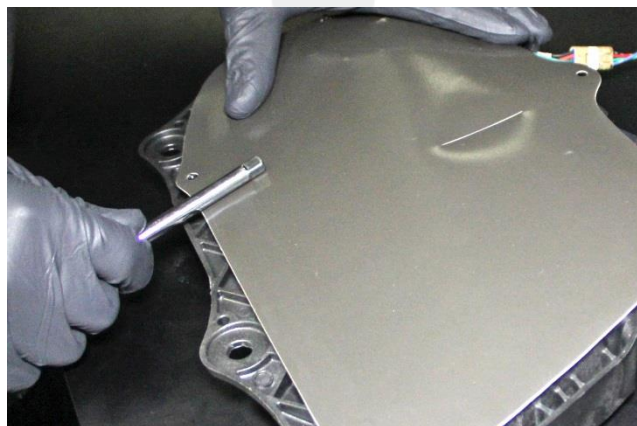


Figure 1

- Put 1 push nut on top of each stud (Figure 2). Use a deep 5 mm socket to press the push nut over the stud (Figure 3). Do not use excessive force to drive the push nut into the stud. Repeat this step for the rest of the studs (total of 4 push nuts/studs per front door handle and 3 push nuts/studs per rear door handle).

NOTE: Ensure that the push nut is firmly set into the stud without a gap between the back seal and the door handle assembly (Figure 4).

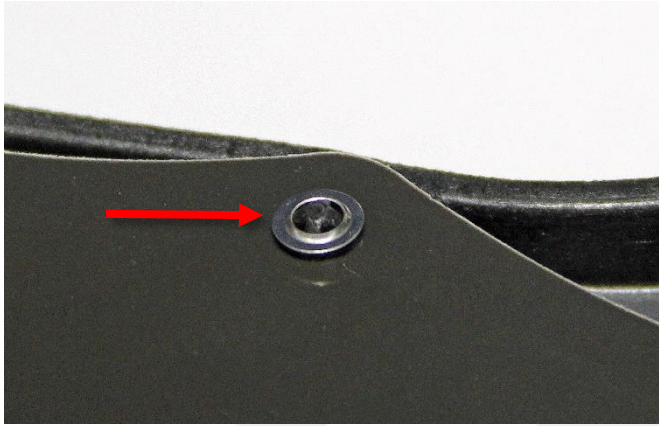


Figure 2

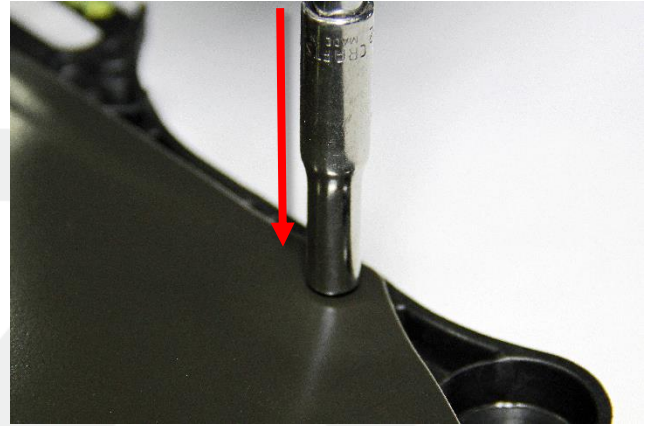


Figure 3



Figure 4

6. Use a cable tie to secure the back seal to the door handle assembly. Loop the cable tie as shown (Figures 5 and 6).



Figure 5 (Front door handle shown)



Figure 6 (Rear door handle shown)

- ⚠ CAUTION:** To avoid damage to the back seal, do not overtighten the cable tie.
- ⚠ CAUTION:** To avoid damage to the door handle electrical harness, ensure proper routing of wires.

7. Remove any excess cable tie (Figures 7 and 8).



Figure 7 (Front door handle shown)



Figure 8 (Rear door handle shown)

8. Reinstall the door handle assembly:
- **Front door:** Refer to Service Manual procedure 11451002.
 - **Rear door:** Refer to Service Manual procedure 11452002.

Affected VIN(s) All Model S vehicles.

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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