



Modify Harness When Replacing Rear Door

Classification	Parts and Accessories Bulletin	Section/Group	17 - Electrical	Country/Region	North America, Europe
Year	2012-2014	Model	Model S	Version	All

Bulletin Classification: *This bulletin provides instructions and guidelines for a vehicle procedure that is not the result of a defect. 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.*

Some internal features of the rear doors changed in late February 2014. Although new doors are compatible with existing vehicles, they do not have the same mounting points for the door electrical harness.

If a revision F or later rear door is installed on a vehicle built before late February 2014 and the original door harness is reused, the harness needs to be modified in order to mount properly.

Required Part(s):	Part Number	Description	Quantity
	1015212-00-A	EDGE CLIP CABLE TIE	1
		Tesa 51026 cloth wire harness tape (or equivalent high temperature abrasion-resistant harness tape)	As required

Correction Description	Correction	Time
Vehicle Inspection Only; Rear Door Harness Modification Not Required	S011417003	0.1
Modify 1 Rear Door Harness to Fit New Door	S021417003	0.2
Modify 2 Rear Door Harnesses to Fit 2 New Doors	S031417003	0.4

NOTE: This procedure is generally performed by a Tesla Approved Collision Repair Center. These correction codes are only needed if the work is performed by a Tesla Service Center.

Procedure

NOTE: This procedure is only required when installing a replacement rear door with revision level F or later on a vehicle built before late February 2014, and reusing the original rear door harness.

1. Remove the harness from the original rear door.
2. Check the label on the rear door harness. If the part number is revision M or later, this procedure is not necessary. Perform this procedure if the part number is revision H or earlier.

NOTE: There are no revisions I–L.

3. Place the harness on a workbench or other suitable working surface.
4. Remove and discard the 3 clips between the grommet and the junction (Figure 1).

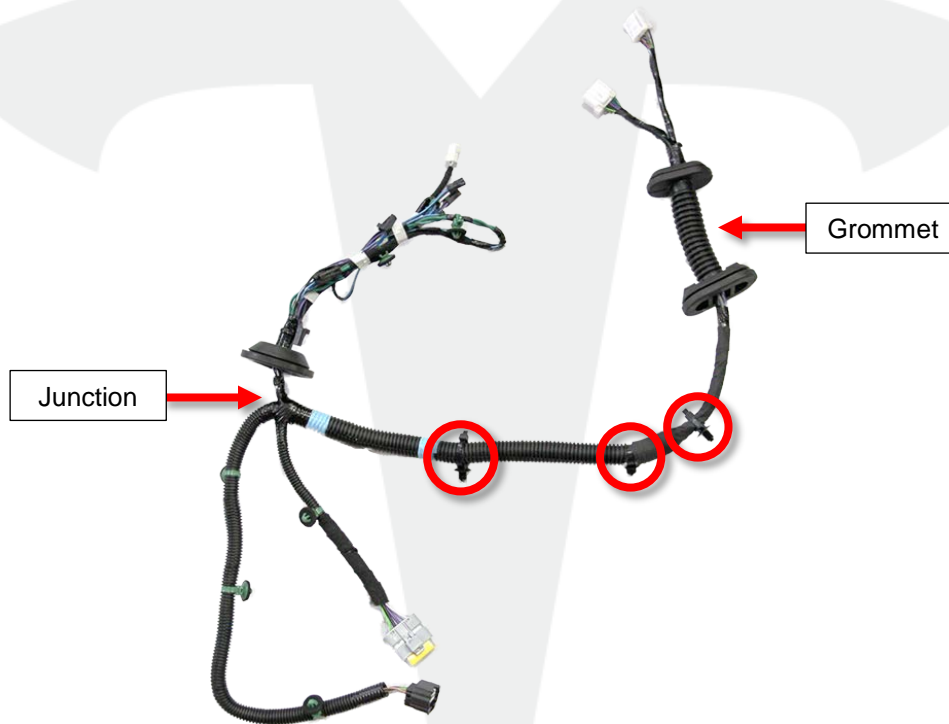


Figure 1

5. Remove and discard the corrugated tubing between the grommet and the junction (Figure 2).

⚠ CAUTION: Be careful not to damage the wires when removing the corrugated tubing.



Figure 2 (Corrugated tubing highlighted)

6. Wrap the wires between the grommet and the junction with abrasion-resistant wire harness tape, overlapping the tape with each rotation (Figure 3). Ensure that no wires are exposed.



Figure 3

7. Mark the harness 310 mm (12.2 in) from the far edge of the grommet (Figure 4).

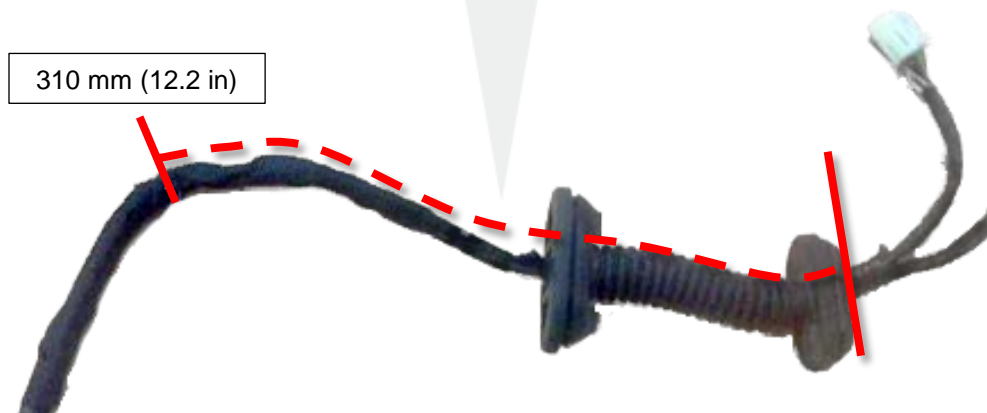


Figure 4

8. Install an edge clip cable tie in the marked location (Figure 5).



Figure 5

9. When installing the modified harness, attach the new edge clip to the outboard edge of the forward window regulator bracket (Figure 6).

⚠ CAUTION: To prevent damage to the harness, ensure that the edge clip is installed in the highlighted area (Figure 6).

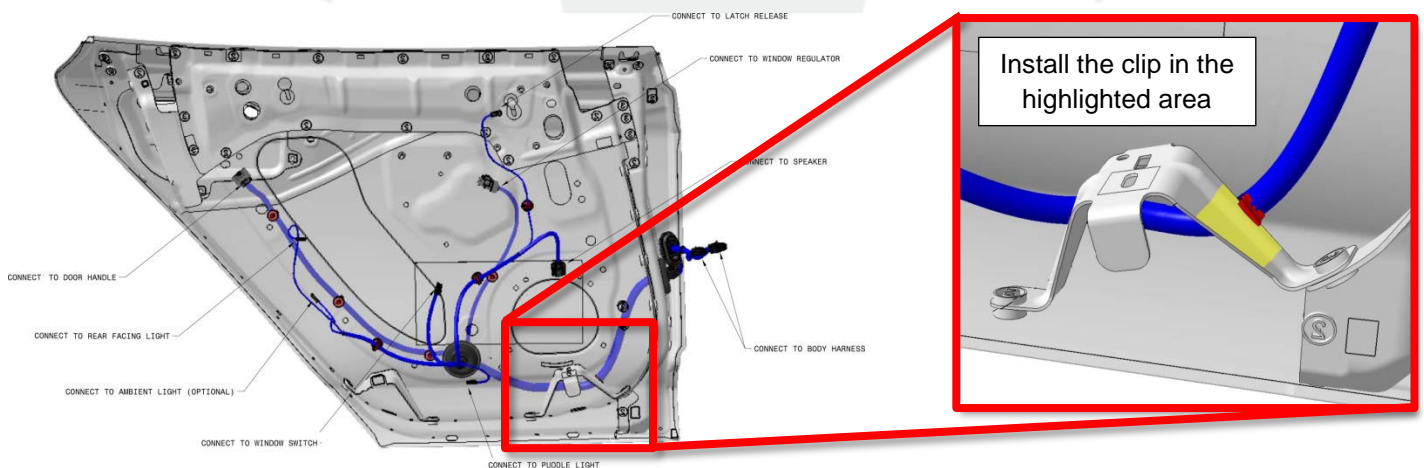


Figure 6 (LH rear door shown)

Affected VIN(s) Model S built before approximately February 21, 2014.

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

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