



Reroute C-Pillar Electrical Harness

Classification	Repair Bulletin	Section/Group	17 - Electrical	Country/Region	United States, Canada
Year	2017, 2018	Model	Model 3	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 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 3 vehicles might have been manufactured with the C-pillar electrical harness(es) routed incorrectly, causing a gap between the upper C-pillar trim and side rail trim.

Correction

Upon customer complaint, inspect the vehicle for symptoms related to the condition. If symptoms are present, reroute the C-pillar electrical harness to close the gap between the upper C-pillar trim and side rail trim.

Correction Description	Correction	Time
SB-18-17-012 Not Applicable	S011817012	0.0
Inspect C-Pillar And Side Rail Gaps; No Reroute Necessary	S021817012	0.05
Inspect And Reroute LH C-Pillar Electrical Harness	S031817012	0.15
Inspect And Reroute RH C-Pillar Electrical Harness	S041817012	0.15
Inspect And Reroute LH and RH C-Pillar Electrical Harnesses	S051817012	0.35

Required Part(s):	Part Number	Description	Quantity
	If necessary:		
	1111033-00-D	M3 2R BOLSTER CLIP	1 – 2
	1032387-00-A	CLIP,TIE,7x12,2.6mm,BK	2 – 4

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. Open the LH rear door, and check the location where the LH upper C-pillar trim meets the LH side rail trim (Figure 1).

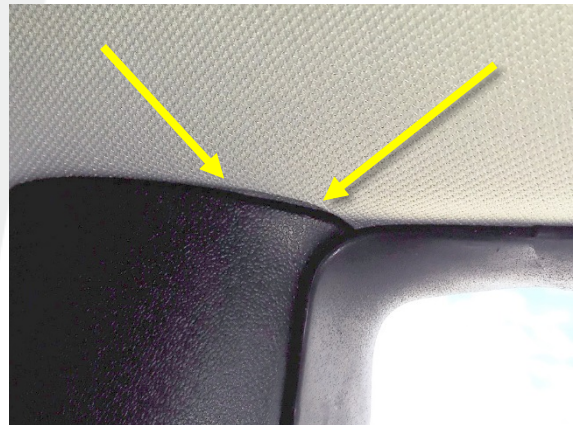


Figure 1 (Where upper C-pillar trim meets side rail trim)

- If the upper C-pillar trim fits the side rail trim tightly without a gap (Figure 2), repeat step 1 for the RH side. If there is no gap on the LH and RH sides, discontinue this procedure.
- If there is a gap between the upper C-pillar trim and side rail trim (Figure 3), continue to the next step.



✓ Figure 2 (Fit is tight, no gap)



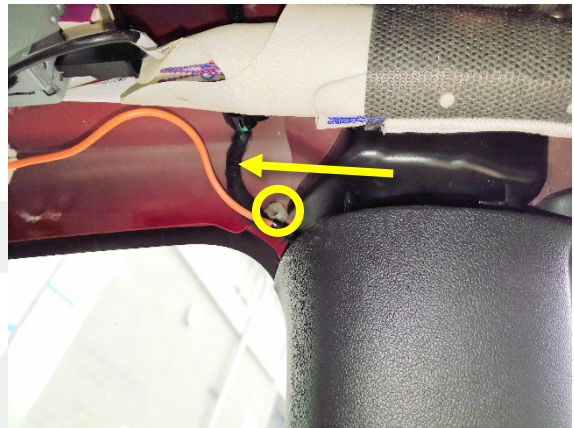
✗ Figure 3 (Gap between trims)

2. Remove the LH side rail trim (refer to Service Manual procedure 15186601).

3. Check the C-pillar electrical harness routing at the LH rear quarter glass push clip (Figures 4 and 5).
 - If the harness is forward of the clip (Figure 4), move the harness closer to the C-pillar, and then go to step 18.
 - If the harness is rearward of the clip (Figure 5), continue to the next step.



✓ **Figure 4 (Harness forward of the clip)**



✗ **Figure 5 (Harness rearward of the clip)**

4. Move the C-pillar electrical harness forward of the LH rear quarter glass push clip (Figure 4) and closer to the C-pillar.
 - If the harness can be moved forward of the clip, closer to the C-pillar, and stays, go to step 18.
 - If tension in the harness prevents this action to be completed easily, continue to the next step.
5. Carefully cut the tape and remove the C-pillar electrical harness from the upper C-pillar clip behind the LH curtain airbag (Figure 6).

⚠ CAUTION: Be careful not to cut into the C-pillar electrical harness.



Figure 6 (Carefully cut the tape)

6. Move the C-pillar electrical harness forward of the LH rear quarter glass push clip (Figure 4) and closer to the C-pillar.
 - If the harness can be moved forward of the clip, closer to the C-pillar, and stays, go to step 14.
 - If tension in the harness prevents this action to be completed easily, continue to the next step.
7. Remove the LH upper C-pillar trim (refer to Service Manual procedure 15186002).

8. Release the cable tie clips (x2) that attach the C-pillar electrical harness to the C-pillar (Figure 7).



Figure 7 (C-Pillar cable tie clips)

9. Move the C-pillar electrical harness upward to provide slack and enable the harness to move forward of the LH rear quarter glass push clip (Figure 4) and closer to the C-pillar.
- If the harness can be moved forward of the clip, closer to the C-pillar, and stays, go to step 10.
 - If tension in the harness prevents this action to be completed easily, discontinue this procedure and escalate a Toolbox session.
10. Remove the cable tie clips from the C-pillar electrical harness (Figure 8).

⚠ CAUTION: Be careful not to cut into the C-pillar electrical harness.



Figure 8 (Cut clips, not electrical harness)

11. Install new cable tie clips into the C-pillar, and while the C-pillar electrical harness is in the correct position, tighten the cable ties of the clips to secure the harness (Figure 9).



Figure 9 (Secure the harness in position)

12. Remove excess cable tie length from the cable tie clips.
13. Install the LH upper C-pillar trim (refer to Service Manual procedure 15186002).
14. Temporarily position the C-pillar electrical harness to the upper C-pillar clip, so that the harness can be moved forward of the LH rear quarter glass push clip (Figure 4) and closer to the C-pillar.
15. Mark where the upper C-pillar clip will attach to the C-pillar electrical harness with a piece of tape.
16. Remove the upper C-pillar clip from the upper C-pillar, and then secure the C-pillar electrical harness to the clip with several layers of tape (Figure 10).



Figure 10 (Secure clip to harness)

17. Install the upper C-pillar clip into the upper C-pillar, and then route the C-pillar electrical harness forward of the LH rear quarter glass push clip (Figure 4) and closer to the C-pillar.
18. Install the LH side rail trim (refer to Service Manual procedure 15186601).
19. Repeat from step 1 for the RH side of the vehicle.

Affected VIN(s) Affected Model 3 vehicles built before approximately June 20, 2018.

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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