



Next Generation Front Seat Retrofit

Classification	Parts and Accessories Bulletin	Section/Group	13 - Seats	Country/Region	All
Year	All	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 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-15-13-002, dated 31-Jul-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

Next generation seats are now available for retrofit.

Correction

Replace the front seats. Install a door trim retention strap on each side of the vehicle. Reprogram the passive safety restraint control module (PSRCM) and update the vehicle configuration.

NOTE: This is a customer pay retrofit.

Correction Description	Correction	Time
SB-15-13-002 Not Applicable	S011513002	0.00
Retrofit Next Generation Front Seats	S021513002	1.05

Required Part(s):	Part Number	Description	Quantity
	1055371-00-A	DOOR TRIM RETENTION STRAP	2
	1055452-00-A	BLIND RIVET 3/16 X 0.376 - 0.5 ALUMINUM	2
	1025401-00-A	LIP, HEART FLEX W/ WSHR 70 LBS RETENTION	18

Choose the appropriate driver and passenger seats based on region and seat color:

United States:

Black:

1055996-02-A USA - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN BLACK LEFT HAND DRIVE LEFT 1

1055998-02-A USA - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN BLACK LEFT HAND DRIVE RIGHT 1

Tan:

1055996-03-A USA - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN TAN LEFT HAND DRIVE LEFT 1

1055998-03-A USA - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN TAN LEFT HAND DRIVE RIGHT 1

Gray:

1055996-04-A USA - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN GRAY LEFT HAND DRIVE LEFT 1

1055998-04-A USA - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN GRAY LEFT HAND DRIVE RIGHT 1

Canada:

Black:

1063421-02-A CANADA - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN BLACK LEFT HAND DRIVE LEFT 1

1056000-02-A CANADA - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN BLACK LEFT HAND DRIVE RIGHT 1

Tan:

1063421-03-A CANADA - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN TAN LEFT HAND DRIVE LEFT 1

1056000-03-A CANADA - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN TAN LEFT HAND DRIVE RIGHT 1

Gray:

1063421-04-A CANADA - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN GRAY LEFT HAND DRIVE LEFT 1

1056000-04-A CANADA - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN GRAY LEFT HAND DRIVE RIGHT 1

Europe, Asia Pacific (LHD):

Black:

1055997-02-A EUROPE - APAC - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN BLACK LEFT HAND DRIVE LEFT 1

1056001-02-A EUROPE - APAC - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN BLACK LEFT HAND DRIVE RIGHT 1

Tan:

1055997-03-A	EUROPE - APAC - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN TAN LEFT HAND DRIVE LEFT	1
1056001-03-A	EUROPE - APAC - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN TAN LEFT HAND DRIVE RIGHT	1

Gray:

1055997-04-A	EUROPE - APAC - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN GRAY LEFT HAND DRIVE LEFT	1
1056001-04-A	EUROPE - APAC - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN GRAY LEFT HAND DRIVE RIGHT	1

Europe, APAC (RHD):

Black:

1056297-02-A	EUROPE - APAC - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN BLACK RIGHT HAND DRIVE RIGHT	1
1056298-02-A	EUROPE - APAC - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN BLACK RIGHT HAND DRIVE LEFT	1

Tan:

1056297-03-A	EUROPE - APAC - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN TAN RIGHT HAND DRIVE RIGHT	1
1056298-03-A	EUROPE - APAC - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN TAN RIGHT HAND DRIVE LEFT	1

Gray:

1056297-04-A	EUROPE - APAC - ASSEMBLY, FRONT DRIVER SEAT - NEXT GEN GRAY RIGHT HAND DRIVE RIGHT	1
1056298-04-A	EUROPE - APAC - ASSEMBLY, FRONT PASSENGER SEAT - NEXT GEN GRAY RIGHT HAND DRIVE LEFT	1

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

Shop supplies:

Hand Riveter
Marker

Special Tool(s):	1055813-00-A	DOOR PANEL DRILL TEMPLATE
	1054713-00-A	RIVET GUN

Procedure

1. Replace the front seats (refer to Service Manual procedure 13020101).

NOTE: Perform steps 2-18 on both sides of the vehicle.

2. Open the front door and fully lower the window.
3. Place a fender cover, towel, or other soft material on a workbench.
4. Remove the door trim panel (refer to Service Manual procedure 15130201) and place it face down onto the workbench.
5. Position the door panel drill template onto the rear upper section of the door trim panel as shown (Figure 1). Ensure that the template is flush with the ridge on the panel and use a paint pen to mark a drill hole (Figure 2).

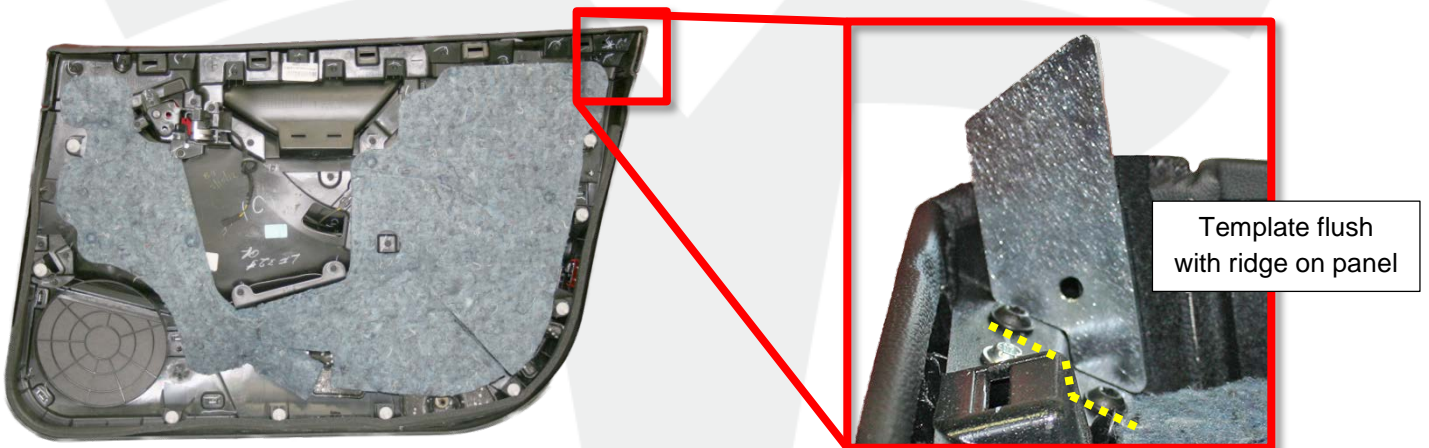


Figure 1



Figure 2

6. Flip the template and slide it into the gap between the interior and exterior panels, as shown (Figure 3).



Figure 3

⚠ CAUTION: The template ensures that the drill does not damage the outer panel in the next step. Ensure that the template is deep enough into the gap that it is behind the drill mark.

⚠ CAUTION: During the next step, hold the template firmly in place so that the drill does not damage the exterior trim panel.

7. Using a 10 mm (25/64 in) bit, drill through the inner plastic trim panel at the location marked in step 5.
8. Remove the template from the panel. Deburr the hole and vacuum any shavings.
9. Fold the retention strap in half lengthwise. Feed the side of the strap with the 2 holes in between the inner and outer trim panels. Use a pair of needle nose pliers to pull the strap through the drilled hole (Figure 4).

⚠ CAUTION: Do not damage the weave on the strap.



Figure 4

10. Pull the bottom part of the strap through the hole, then route it through the slit in the upper part of the strap (Figure 5).



Figure 5

11. Replace the 9 flex heart clips on the perimeter of the door.

12. On the rear upper section of the door frame, remove the fir tree clip from the seal (Figure 6).



Figure 6

13. Have an assistant hold the trim panel in position to be reinstalled.

14. Fold the free end of the strap back onto itself so that the 2 holes align (Figure 7).



Figure 7

15. Align the holes in the strap with the hole in the upper rear section of the door frame, then loosely install the rivet (Figure 8).



Figure 8

16. Use a rivet tool to secure the strap to the door panel.

NOTE: Ensure that the rivet tool is perpendicular to the door panel to ensure that the rivet is installed correctly.

17. Reinstall the door trim panel.

⚠ CAUTION: Replace all flex heart clips before reinstalling the door trim panel; they are one-time use only.

18. Ensure that the orange retention strap is not visible.

19. Update the vehicle's configuration:

- Click on the VIN in the bottom left of the Toolbox window. The Model S configurations window opens.
- Change the "Seat type" to "Recaro".
- Click **Save**.

20. Reprogram the PSRCM:

- Connect a laptop with Toolbox 2.0 to the diagnostic port and chassis CAN bus.
- Ensure that the drive rails are on.
- Select **Panels > Restraint System > Airbag Program**.
- Click the Play button.

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