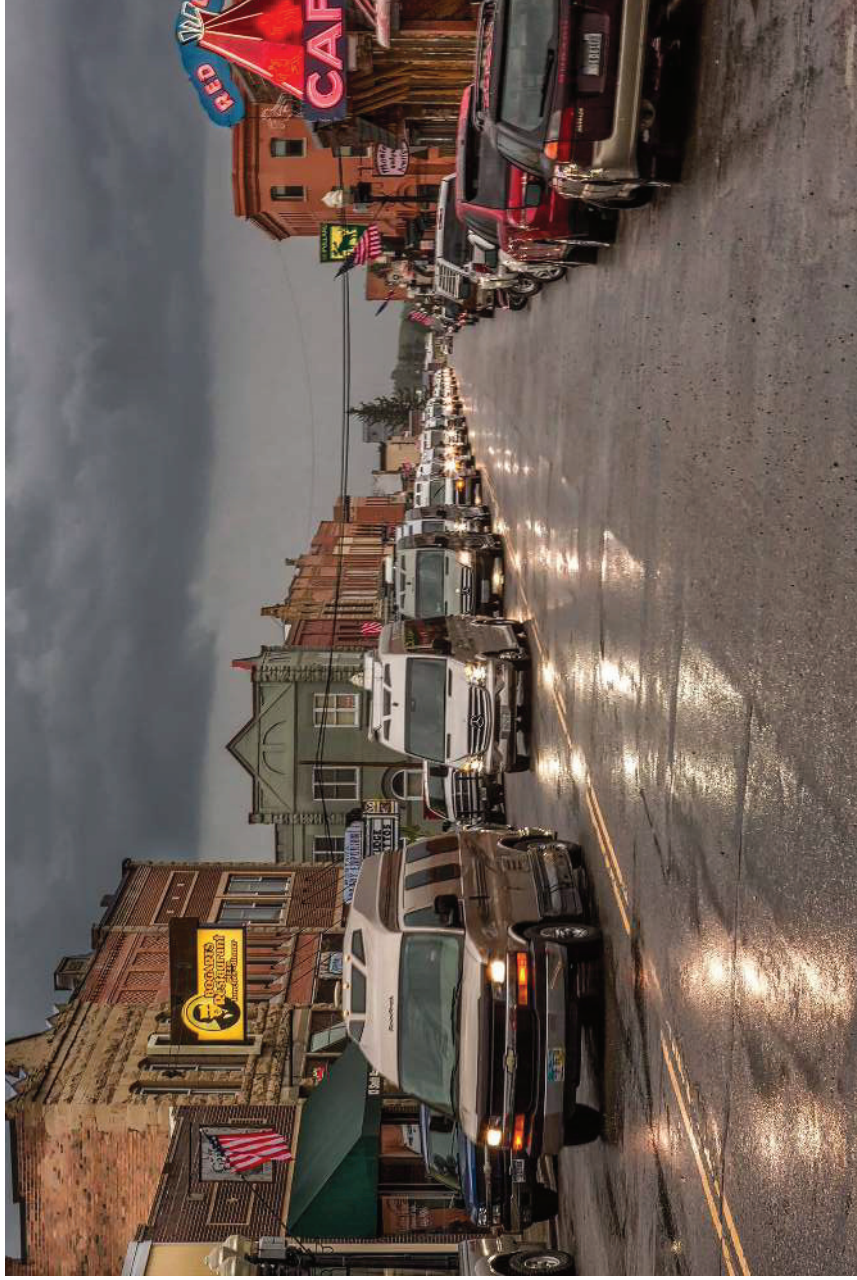


HOW TO SRS_Recall



SRS Recall

Sprinter Front Captain Seat Airbag Circuit Recall Rework

Parts in kit

3 ea. 24-22 heat shrink butt connectors (RT#10403510)
large heat shrink tubing (RT#38020000)
nylon ties (RT#22085000)

Consumables not in kit

Electrical tape

Tools needed

Heat gun
Wire stripper
Wire crimper
Wire cutter



Good color vision is required. This repair can only be performed by a technician with the ability to identify similar yet different colors.

Verify that these instructions apply to the vehicle



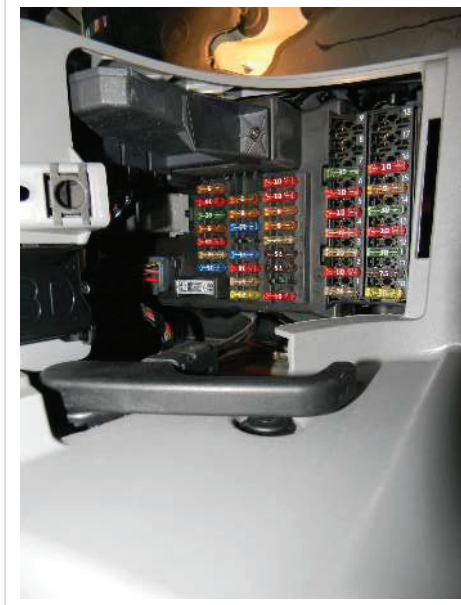
Seat base with horizontal paddle swivel control



Seat with SRS Airbags

These instructions apply to vehicles with the paddle-style swivel control seat base and seats with integrated SRS airbags. The seats have a plastic back with the words "SRS Airbag".

Repair wiring harness



Air bag fuse locations



Seat positioned for work access

Remove the airbag circuit fuses #12 & #17 from the upper half of the automotive fuse panel, located under the cover inside the driver side kick panel. Set fuses aside as you will re-install once the repair is complete.

Slide the front driver & passenger captain seats to the forward position and swivel for access under the seats from the driver and passenger door openings.



Wiring harness in place



Wiring harness loose

Using a cutting tool, remove the nylon ties securing the wire harness feeding up from the center of the pedestal to the underside frame of the seat.

By hand, pull up on the excess wire harness from below the pedestal to above the pedestal.

By hand, remove the electrical tape that secures the plastic wire protection to the harness.

Pull back the plastic wire protection to expose the wiring and the bullet connections.

Separate the 3 circuit harness from the 2 circuit harness.

Locate the red 22-18ga bullet terminals that are connected to the 3 circuit harness.

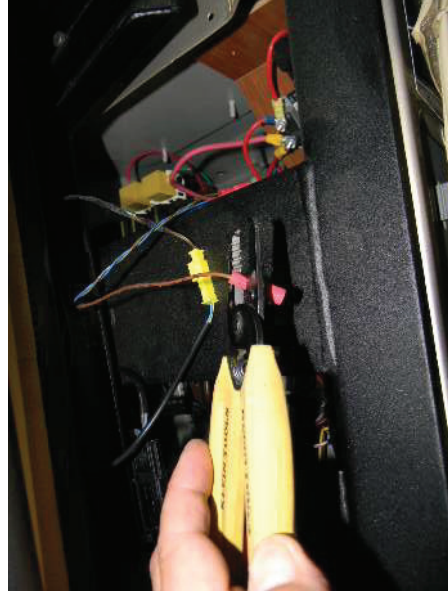


Disconnect bullet connectors

Disconnect the bullet terminals on the 3 circuit harness.
Disconnect the Yellow 3 circuit plug of the harness.



Disconnect yellow connector



Cut off the bullet connector as close to
the crimp as possible



Slide large heat shrink tubing over wires
and strip ends

Using a wire cutting tool, remove the bullet terminals from both ends of the 3 circuit harness.

⚠ Cut the terminal as close to the crimp as possible to keep the wire as long as possible

Insert the large heat shrink tubing (RT#38020000) supplied over all 3 wires on the pedestal end of the harness
Using a wire stripping tool, expose $\frac{3}{4}$ " of wire on each end of the three wires and twist the bared wires.



Install heat shrink butt connectors



Use heat gun to seal butt connectors and allow connectors to cool before proceeding

Insert onto the wires, the heat shrinkable butt connectors (RT#10403510) supplied, using a crimping tool crimp the butt connectors onto one end of the harness then the other.

⚠ Ensure the wires are connected to the matching colors

Using a heating tool, shrink the heat shrink of the butt connectors installed on each of the 3 wires.

⚠ Let the butt connectors cool to the point of being cool to the touch.



Slide the large heat shrink tubing in place over the butt connectors and shrink



Zip tie the harness in place

Slide the large heat shrink tubing down over the 3 heat shrink butt connectors.

Using a heating tool, shrink the large heat shrink tubing over all 3 of the wires and butt connectors.

Reconnect the Yellow 3 circuit plug at the end of the harness.

Using electrical tape secure the plastic wire protection back onto the wiring harness.

Secure using the nylon ties (RT#22085000) supplied, the wire harness feeding up from the center of the pedestal to the underside frame of the seat. Using a cutting tool cut the tail of the nylon tie off as close as possible to the locking mechanism of the tie.

 Repeat the process for the passenger seat harness

 Slide the front driver & passenger captain seats back & forth and swivel side to side to ensure the harness can't be damaged

Return the seats to the normal seating position.

Reinstall the airbag fuses in the automotive panel that were removed in step 1.