



June 3, 2024

Revision 0

A division of Troy Sheet Metal Works, Inc.
1024 South Vail Avenue, Montebello, CA 90640
www.troyproducts.com 323 720-4100

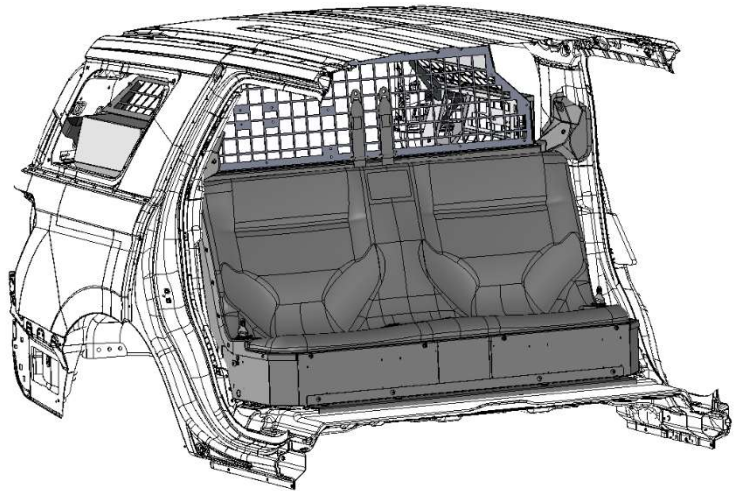
Part No: PS-18XP-BNCHST
Description: 2018+ FORD EXPEDITION BENCH SEAT

Vehicle: FORD EXPEDITION
Model year: 2018+



Tools Required:	1/8" drill bit	Ø1-1/4" hole saw	Metric Allen keys set	SAE Allen keys set
	Metric socket set	SAE socket set	Drill	

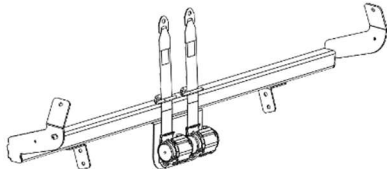
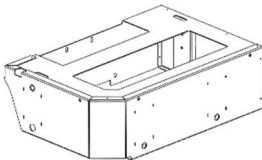
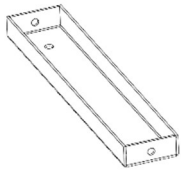
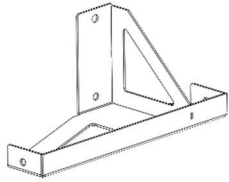
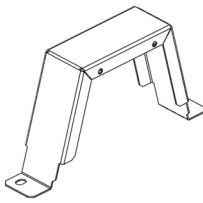
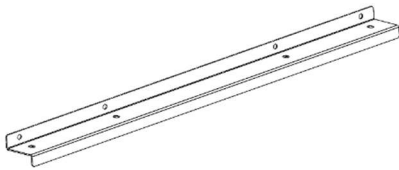
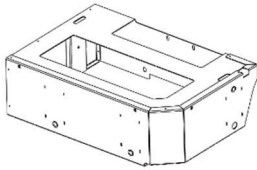
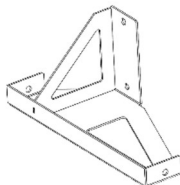
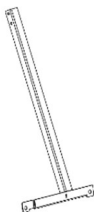
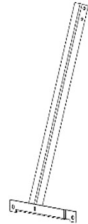
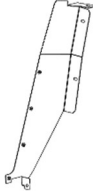
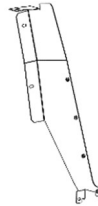
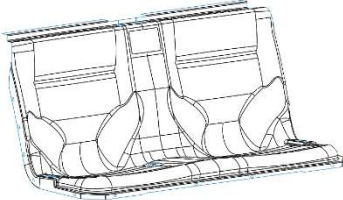
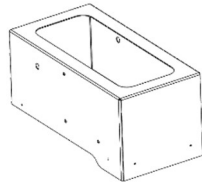
Troy Products recommends reading through all installation instructions prior to installation to check all necessary parts have been included (check against bill of materials table.)

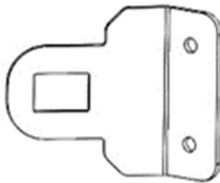
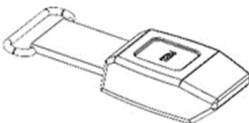
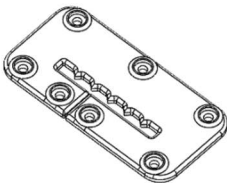
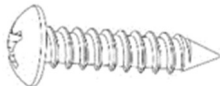
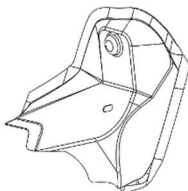
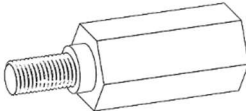
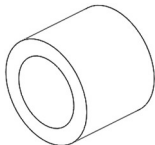
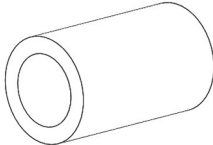
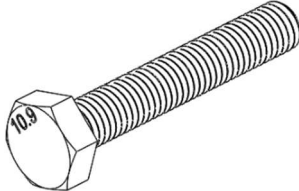
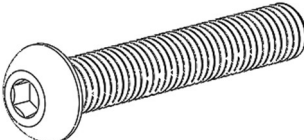
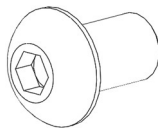


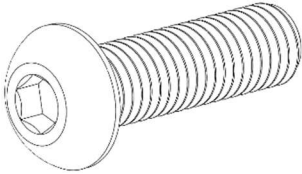
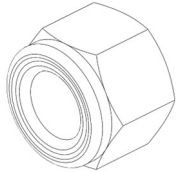
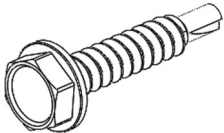
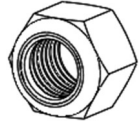
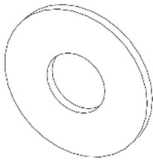
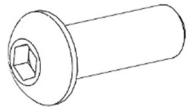
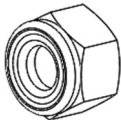
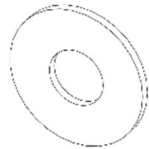
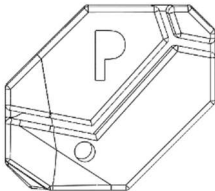
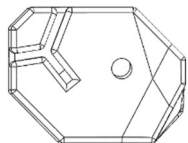
Quick Guide

1. Remove second row of seats and C pillar upper plastic trims, pull lower C pillar plastic trims away and remove lower seat belt mounting points at both sides.
2. Pull-out seat belts from upper C pillar plastic trims.
3. Prep upper C pillar trims by making Ø1-1/4" clearance holes for the retractor bar assembly using templates.
4. Wrap and tuck in passenger side seat belt inside C pillar lower plastic trim.
5. Install the retractor bar assembly, do not tight bolts.
6. Put together and Install seat mount modules and hip side tongues.
7. Install legs and seat side gap panels.
8. Install rear cage assembly (refer to TP-EXP18-R installation instructions document).
9. Secure retractor bar assembly to rear cage upper panel and tight down bolts.
10. Insert buckles onto belts, route belts trough seat and secure belts to lower mount points.
11. Set plastic seat in position and pass hip side tongues trough plastic seat outer side cutouts, install seat to seat modules and side gap panel.
12. Install C-tooth retainers, belt slot covers and ear covers.
13. Install storage tongue and set belt in position.

TP-18XP-BNCHST - BILL OF MATERIALS

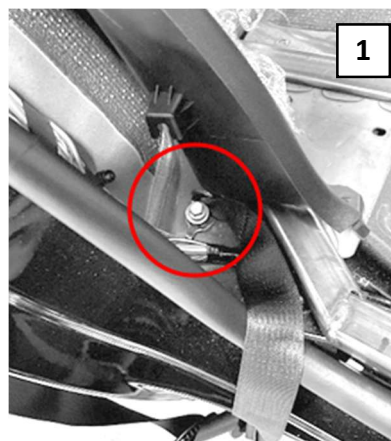
PARTS	
Part number: TP-18XP-BNCHST-#tuba Description: TOP BAR ASSEMBLY QTY: 1 	Part number: TP-18XP- BNCHST -#ussp Description: UNDER SEAT SUPPORT - PS QTY: 1 
Part number: TP-18XP- BNCHST -#sm1 Description: SEAT MOUNT 1 WELDMENT QTY: 2 	Part number: TP-18XP- BNCHST -#sm2pw Description: SEAT MOUNT 2 WELDMENT - PS QTY: 1 
Part number: TP-18XP-BNCHST-#usbw Description: UNDER SEAT BRACKET WELDMENT QTY: 2 	Part number: TP-18XP- BNCHST -#smf Description: SEAT MOUNT FRONT QTY: 1 
Part number: TP-18XP- BNCHST -#ussd Description: UNDER SEAT SUPPORT - DS QTY: 1 	Part number: TP-18XP- BNCHST -#sm2dw Description: SEAT MOUNT 2 WELDMENT - DS QTY: 1 
Part number: TP-18XP-BNCHST-#lp Description: LEG WELDMENT - PS QTY: 1 	Part number: TP-18XP-BNCHST-#ld Description: LEG WELDMENT - DS QTY: 1 
Part number: TP-18XP-BNCHST-#sgpp Description: SAEAT GAP PANEL - PS QTY: 1 	Part number: TP-18XP-BNCHST-#sgpd Description: SEAT GAP PANEL - DS QTY: 1 
Part number: PL-TP-18XP-OS Description: OFFICER SAFETY SEAT QTY: 1 	Part number: TP-18XP-BNCHST-#css Description: CENTER SEAT SUPPORT QTY: 1 

HARDWARE	
Part number: P003 Description: STORAGE TONGUE QTY: 2 	Part number: DC81 Description: HIP SIDE TONGUE QTY: 2 
Part number: P002 Description: SEAT BELT, BUCKLE ASM QTY: 2 	Part number: P004 Description: TOOTHED C-RETAINER QTY: 2 
Part number: P005B Description: BELT SLOT COVER QTY: 2 	Part number: P057 Description: #6 X 0.625" PAN HEAD SMS, BLK QTY: 22 
Part number: P18XP31-5D Description: EAR COVER - DS QTY: 2 	Part number: P18XP31-5P Description: EAR COVER - PS QTY: 1 
Part number: P134 Description: M10-1.5 x 70mm lg STAND-OFF QTY: 2 	Part number: TP-18XP-SC-#bps Description: B PILLAR SPACER, 5/8" QTY: 2 
Part number: TP-18XP-SC-#fs Description: FLOOR SPACER, 1.25" QTY: 8 	Part number: 1-FST-09-M1025 Description: M10-1.5 X 60MM HEX BOLT - ZINC QTY: 2 
PART NUMBER: 1-FST-09-M1013 DESCRIPTION: M10-1.5 X 60MM BHCS, BLK ZINC QTY: 8 	Part number: 1-FST-06-00375 Description: 3/8-16 X 3/4" BH SOCKET SCREW QTY: 4 

Part number: 1-FST-06-12175 Description: 1/2-13 X 1-3/4" BH SCREW QTY: 4		Part number: 1-FST-35-31050 Description: 1/2-13 NYLON LOCK NUT QTY: 4	
Part number: P054 Description: #10 x 1" LG TEK SCREW QTY: 4		Part number: 1-FST-35-31200 Description: 3/8-16 NYLON LOCK NUT - ZINC QTY: 4	
Part number: 1-FST-50-11208 Description: 3/8" BLACK FLAT WASHER QTY: 4		Part number: 1-FST-06-60825 (P072) Description: #1/4-20 X 5/8"lg BH SOCKET SCREW QTY: 24	
Part number: 1-FST-35-31000 Description: #1/4-20 NYLON NUT QTY: 6		Part number: 1-FST-50-60800 (P114) Description: BLACK FLAT WASHER, 1/4" QTY: 18	
Part number: AC-CC-875CAP Description: DOME CAP 7/8" QTY: 2			
Part number: PL-TP-18XP-SC-#cdtp Description: C PILLAR DRILL TEMPLATE PASSENGER QTY: 1		Part number: PL-TP-18XP-SC-#cdtd Description: C PILLAR DRILL TEMPLATE, DRIVER QTY: 1	

Installation

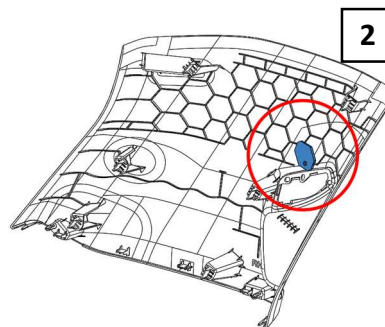
- 1.) Disconnect harnesses and remove second row of seats and C pillar upper plastic trims, pull lower C pillar plastic trims away and remove lower seat belt mounting points at both sides (Ford utility vehicle reference picture shown).



- 2.) Pull-out seat belts from upper C pillar plastic trims cutouts.

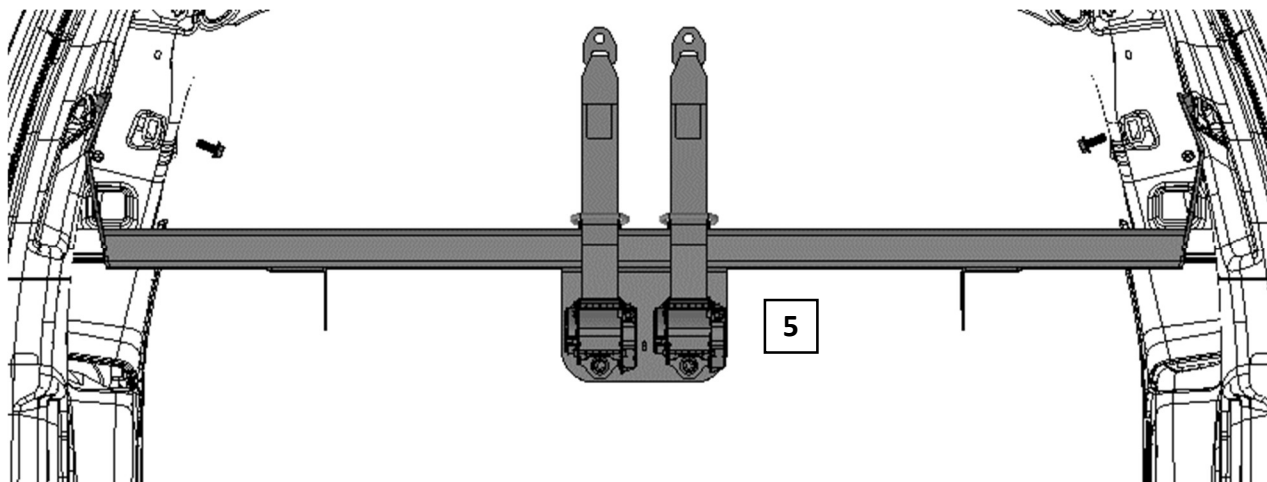
- 3.) Place the drill templates on honeycomb pattern at the back of side of the C pillar trims and make $\varnothing 1/8$ " pilot holes, passenger side template an identifier letter 'P'.

Use the pilot hole as a guide to drill $\varnothing 1-1/4$ " holes with the hole saw.



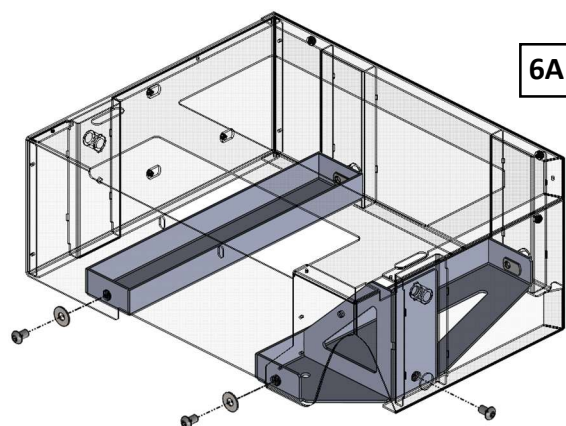
- 4.) Wrap the driver and passenger side seat belts in bubble wrap, zip tie and tuck it inside C pillar lower plastic trim.

- 5.) Install the standoff with the OEM spacer on the passenger side, Install the retractor bar assembly to the stand offs at both sides with (2) 3/8-16 X 1" bolts, **DO NOT TIGHT BOLTS AT THIS TIME.**

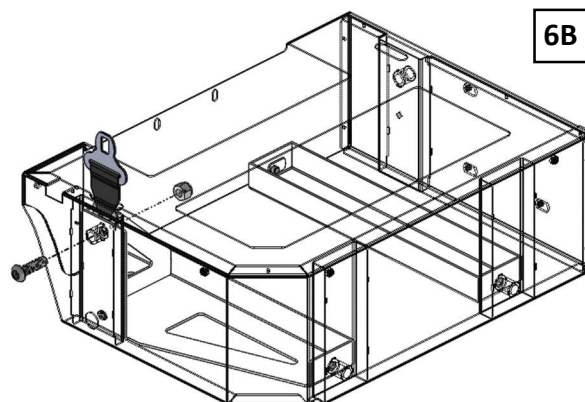


6.) Put together and Install the driver side and passenger side seat mount module and hip side tongue, , install legs & install side gap panels.

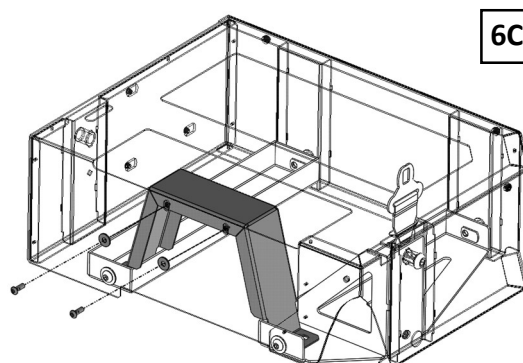
6A) Place seat mount weld 1 & 2 components inside the seat support frame as shown and secure them with (1) 3/8-16 X 5/8" BH screw on the short side and (2) 3/8-16 X 5/8" BH screws with 3/8 washers on the long side.



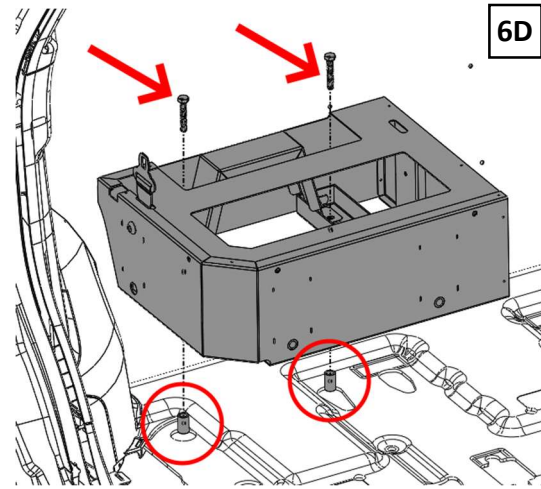
6B) Place inside tongue inside seat support frame as shown and secure with (1) 1/2-13 X 1-3/4" BH bolt and a nylon lock nut.



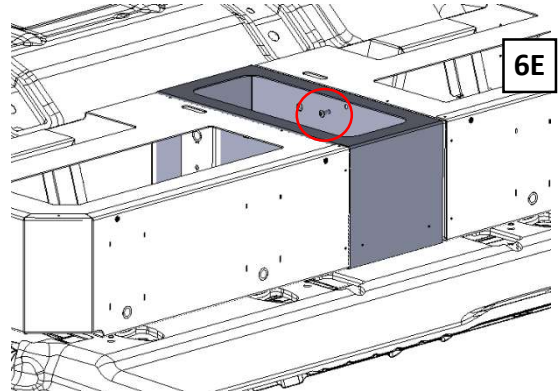
6C) Place under seat bracket inside seat support frame as shown and secure it with (2) 1/4-20 X 3/4" BH screws and washers.



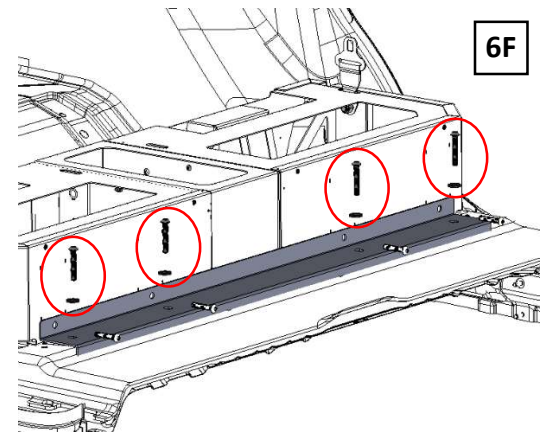
6D) Install the driver side and passenger seat mount modules in the vehicle and secure them with the provided (4) 1-1/4" spacers and (4) M10-1.5 X 60mm Hex bolts, spacers can be taped to under seat module to facilitate installation. ****DO NOT TIGHTEN BOLTS AT THIS TIME ****



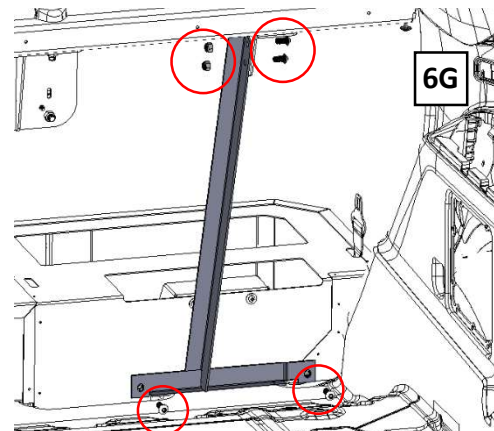
6E) Position the center seat support as shown, secure (6) 1/4"-20 x 5/8"lg BH screws through the center support into the driver and passenger side seat mount modules.



6F) Position seat front bracket as shown, place (4) 1-1/4" spacers towards the outside of vehicle and place Secure components to vehicle floor with (4) M10-1.5 X 60mm BH bolts. Secure front bracket to seat module with (4) 3/8-16 X 1-1/2" BH bolts.



6G) Install both driver and passenger side legs. Use the provided (4) 3/8"-16 x 3/4"lg BH bolts & (4) 3/8-16" nylock nuts to secure the legs to the top bar. Use the provided (4) 3/8"-16 x 1"lg BH screws to secure the lower leg flange to the rear of the seat modules. ****TIGHTEN ALL LOOSE HARDWARE AT THIS TIME****

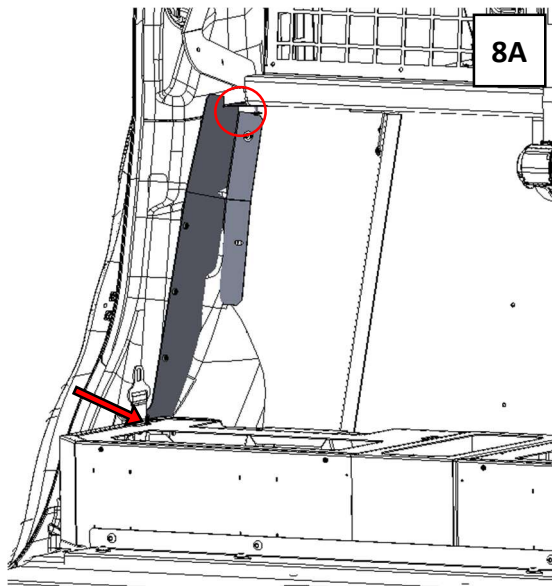


P-18XP-BNCHST

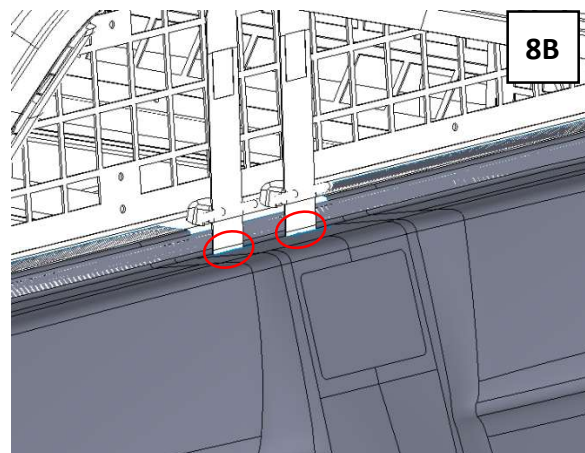
7.) Install rear cage assembly (refer to TP-EXP18-R installation instructions document).

8.) Install driver and passenger side gap panels, Seat, and belt buckles.

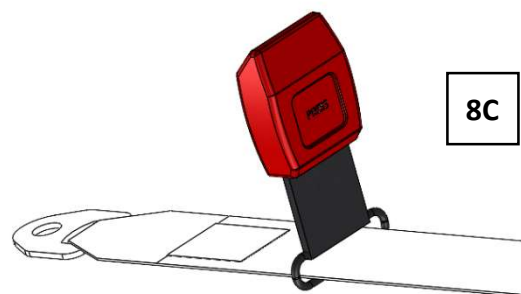
8A) Install the driver side and passenger side gap panels by using the provided (4) ¼"-20 x 5/8"lg BH Screws.



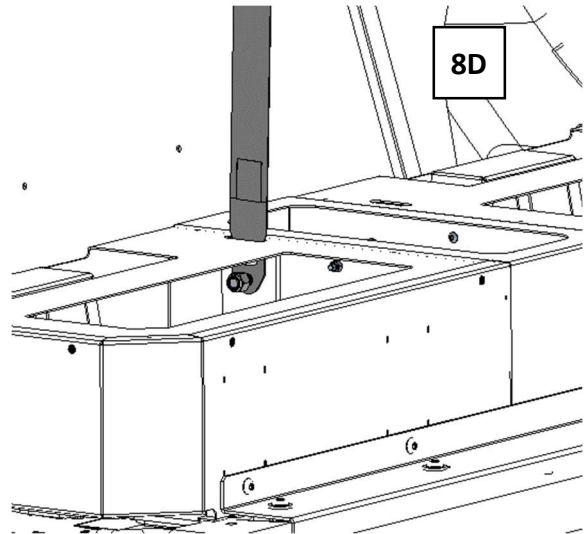
8B) Set seat loosely into position over frame and structure. Drape the seat belts over the top of the seat and route the webbing, under the upper belt swivels, through the cutouts at the top of the seat.



8C) Slip the sliding buckles (P002) over the seat belt ends (Both Driver and Passenger sides).

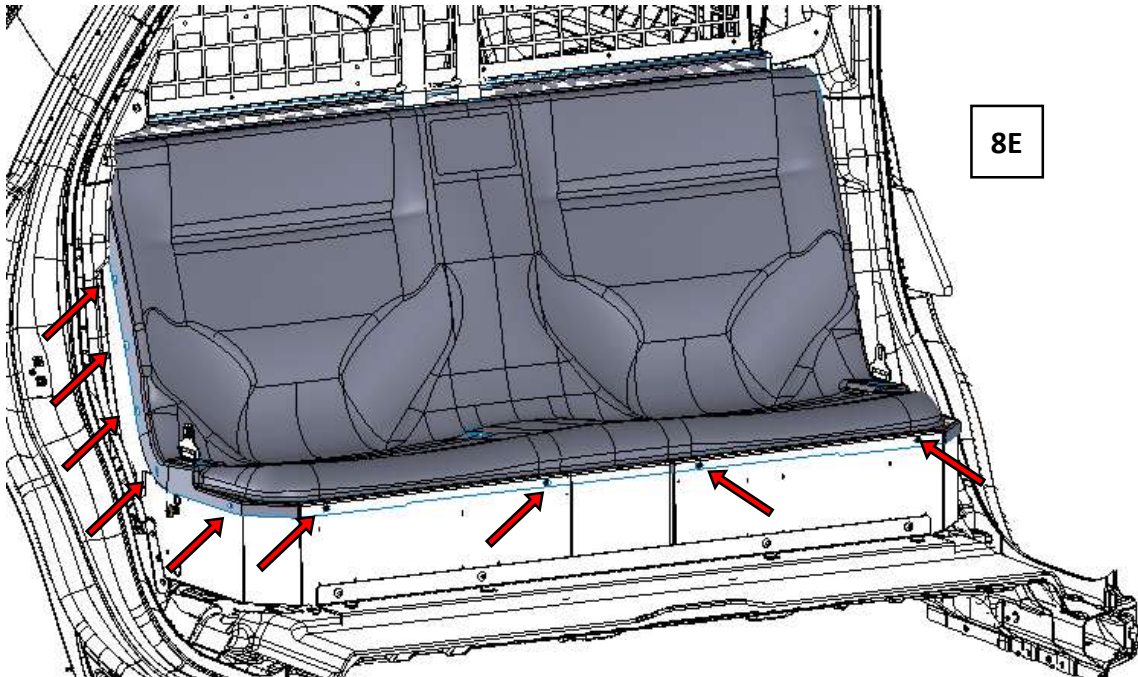


8D) Slip the seat belt ends through the center slots in the seat and fasten with the (2) 1/2-13 X 1-3/4"lg BH screws and (2) 1/2-13 Nylock nuts.

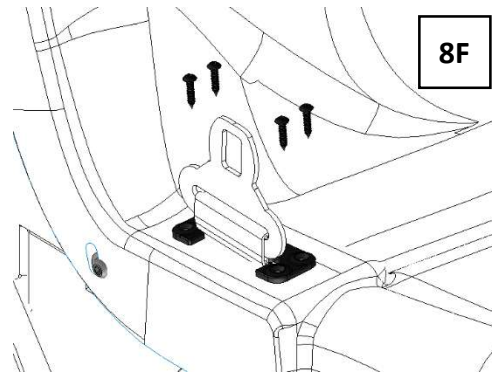


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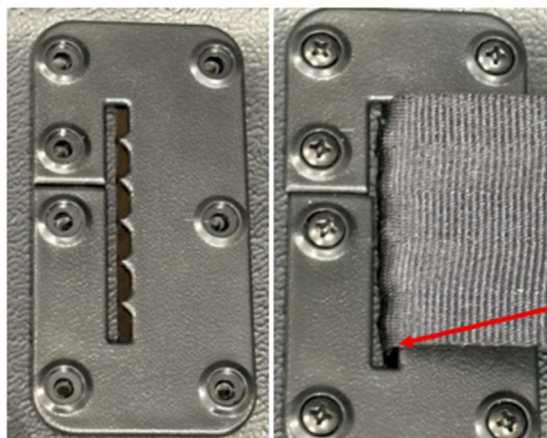
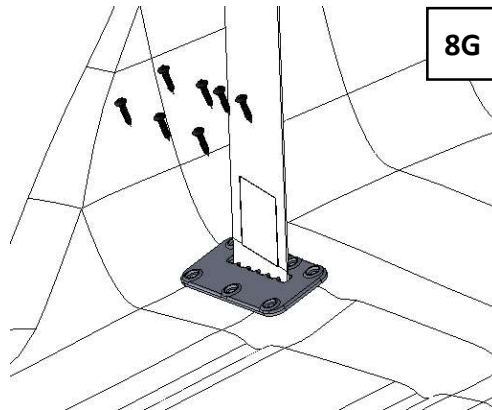
8E) Secure the seat with the provided (14) 1/4-20 x 5/8"LG BH screws and (14) 1/4 flat washers.



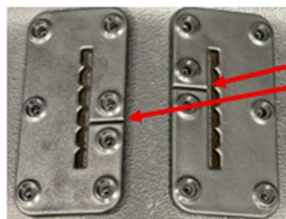
8F) Secure the C-Toothed Retainers around the outer hip side tongues (both driver and passenger sides) using the provided (8) #6 x 5/8"lg Pan Head screws.



8G) Secure the belt slot covers around the belt webbing and slots towards the center of the seat (both driver and passenger sides) using the provided (14) #6 x 5/8"lg Pan Head screws.

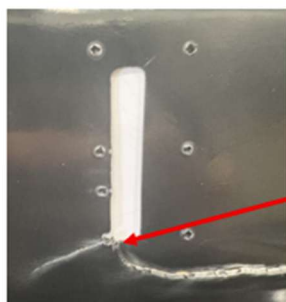


The teeth on the retainer should align with the inside edge of the slot on the seat. This alignment must be parallel and clamps the seatbelt into the plastic seat securely. This allows the holes to be equally spaced away from the slot eliminating stress risers.



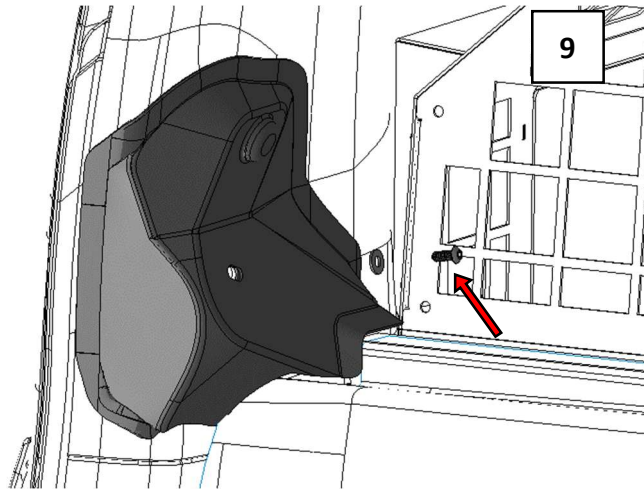
Seat belt retainers must be installed with the slotted ends facing the center of the vehicle.

***NOTE:** Seat belt retainers must be installed this way to properly clamp the seatbelt and eliminate stress risers around the screws and seatbelt slots.

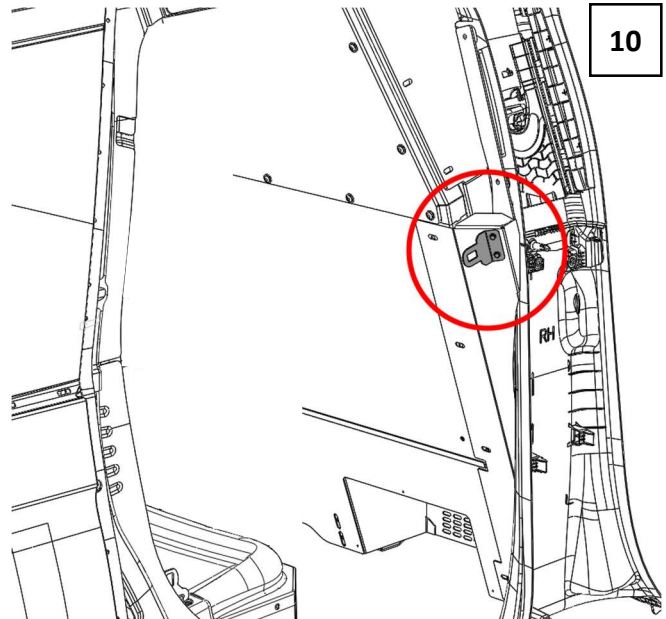


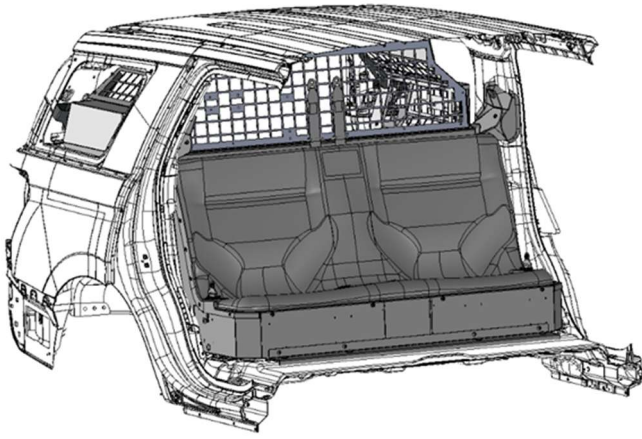
Stress is concentrated at the holes drilled too close to the slotted hole on the plastic

- 9.) Install the driver and passenger side ear covers with the (2) ¼"-20 x 5/8"lg BH screws and (2) ¼" flat washers.



- 10.) Install the buckle holder (driver and passenger sides) at a desired position on the front partition lower filler panel using the provided (4) #10 X 1" self-tapping screws, double check the position of the OEM door at the closed position before installing the buckle holder since door might interfere with the holder bracket.





CAUTION



CHEMICAL CLEANERS will damage plastic seats and parts.

CLEAN ONLY with mild antibacterial soap and water.

 OPTS

Your installation is now complete. If you have any questions or suggestions for adding additional instructions, please call **Customer Service at (800) 700-8769.**