

Floor Panel

Special Tool(s) / General Equipment

6.5 mm Drill Bit
11 mm Drill Bit
Scraper for Straight Edges
Polydrive Bit Socket
Self-Piercing Rivet (SPR) Remover/Installer
Belt Sander
Blind Rivet Gun
Hot Air Gun
Locking Pliers

Materials

Name	Specification
Metal Bonding Adhesive TA-1, TA-1-B, 3M™ 08115, LORD Fusor® 108B	-
Seam Sealer TA-2-B, 3M™ 08308, LORD Fusor® 805DTM	-

Removal

NOTE: Aluminum body panels are highly receptive to heat transfer. With the extensive use of structural adhesives and non-structural sealers used in vehicle construction, the potential of heat transfer could impact adhesives and sealers in non-associated panels during the repair process. Many repairs areas that utilize structural adhesive may be separated after fastener removal by using a panel chisel along the joint/flange. Using heat not exceeding 425° F to loosen a bonded panel should only be done when **all panels in the joint** will be replaced and new adhesive applied.

NOTE: SuperCrew cab shown, Regular cab and SuperCab similar.

1. Depower the SRS.

Refer to: [Supplemental Restraint System \(SRS\) Depowering](#) (501-20B Supplemental Restraint System, General Procedures).

2. Remove the seats.

Refer to: [Front Seat](#) (501-10A Front Seats, Removal and Installation).

Refer to: [Front Center Seat](#) (501-10A Front Seats, Removal and Installation).

Refer to: [Front Seat Track](#) (501-10A Front Seats, Removal and Installation).

Refer to: [Rear Seat LH - SuperCab](#) (501-10B Rear Seats, Removal and Installation).

Refer to: [Rear Seat RH - SuperCab](#) (501-10B Rear Seats, Removal and Installation).

Refer to: [Rear Seat RH - SuperCrew](#) (501-10B Rear Seats, Removal and Installation).

Refer to: [Rear Seat LH - SuperCrew](#) (501-10B Rear Seats, Removal and Installation).

3. If equipped:

Remove the console.

Refer to: [Floor Console](#) (501-12 Instrument Panel and Console, Removal and Installation).

4. Remove the carpeting and position the wiring harnesses away from the working area.

5. Remove the rocker panel.

Refer to: [Rocker Panel - Regular Cab](#) (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

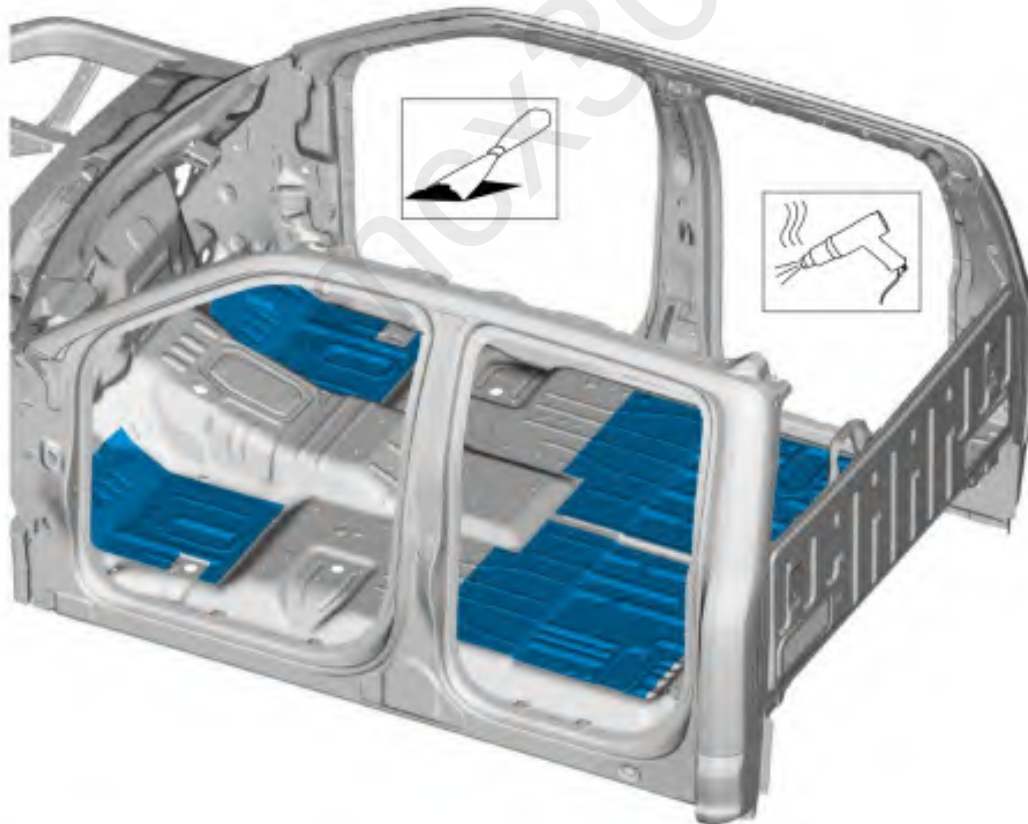
Refer to: [Rocker Panel - SuperCab](#) (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

Refer to: [Rocker Panel - SuperCrew](#) (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

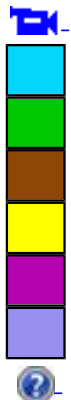
6. Remove the NVH pads.

Use the General Equipment: Scraper for Straight Edges

Use the General Equipment: Hot Air Gun



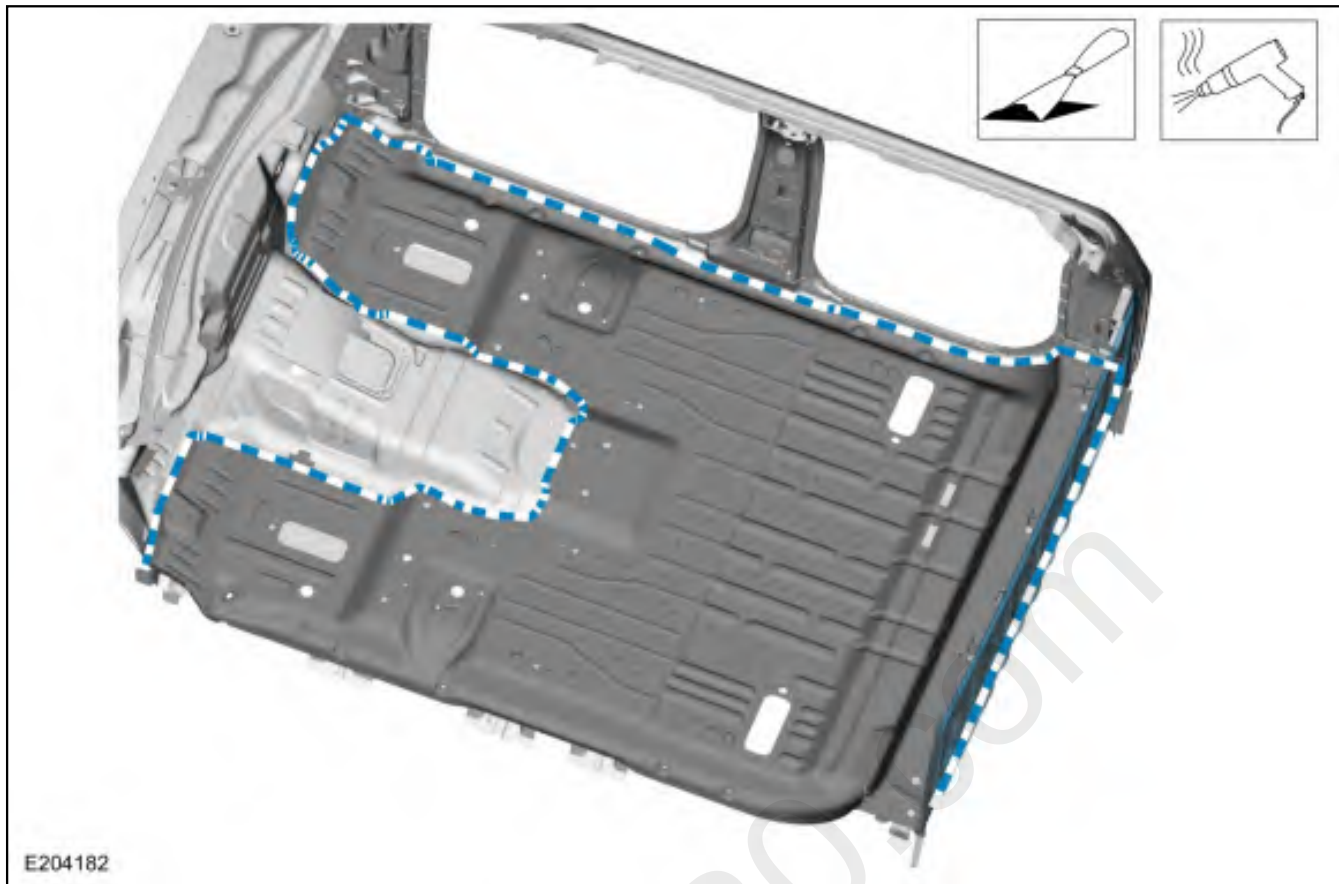
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7. Remove the seam sealer.

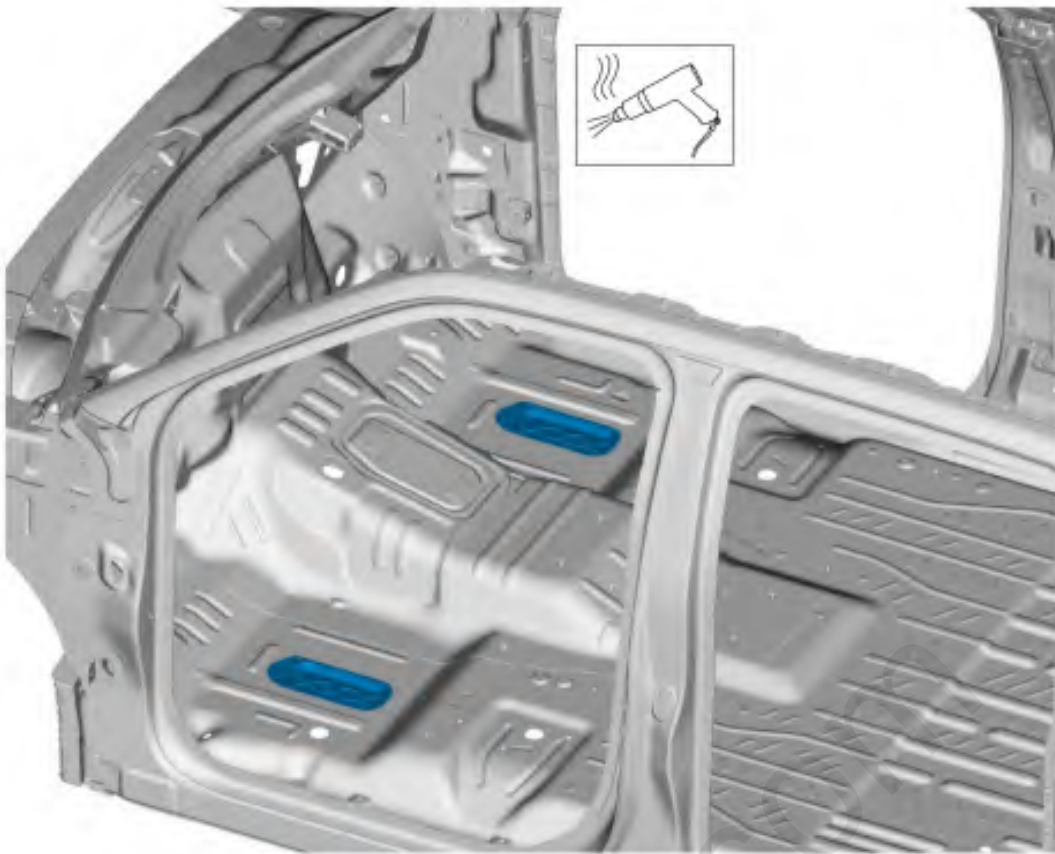
Use the General Equipment: Scraper for Straight Edges

Use the General Equipment: Hot Air Gun



8. Break the adhesive bond and remove the floor inspection covers.

Use the General Equipment: Hot Air Gun

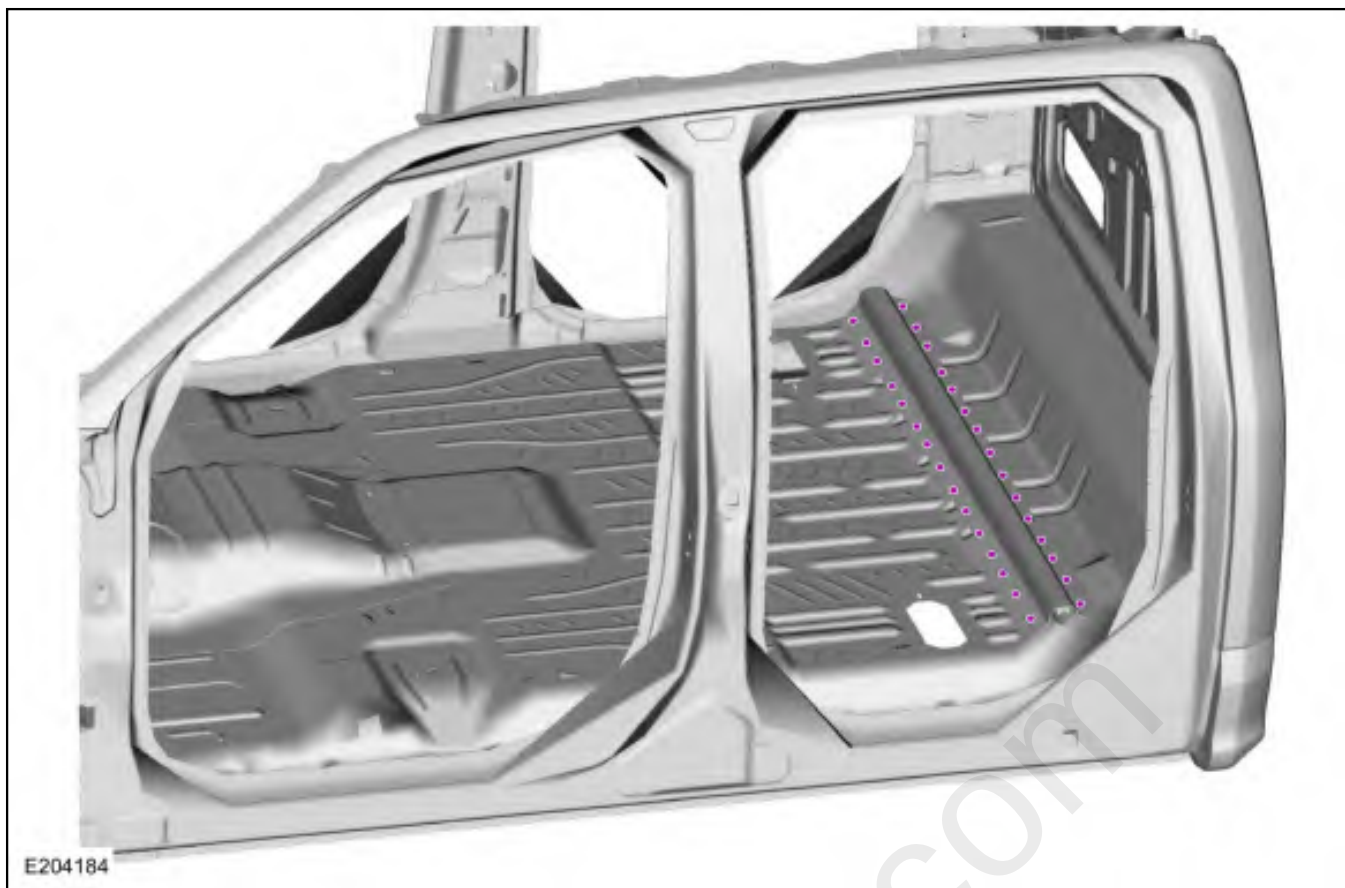


9. SuperCab and SuperCrew only:

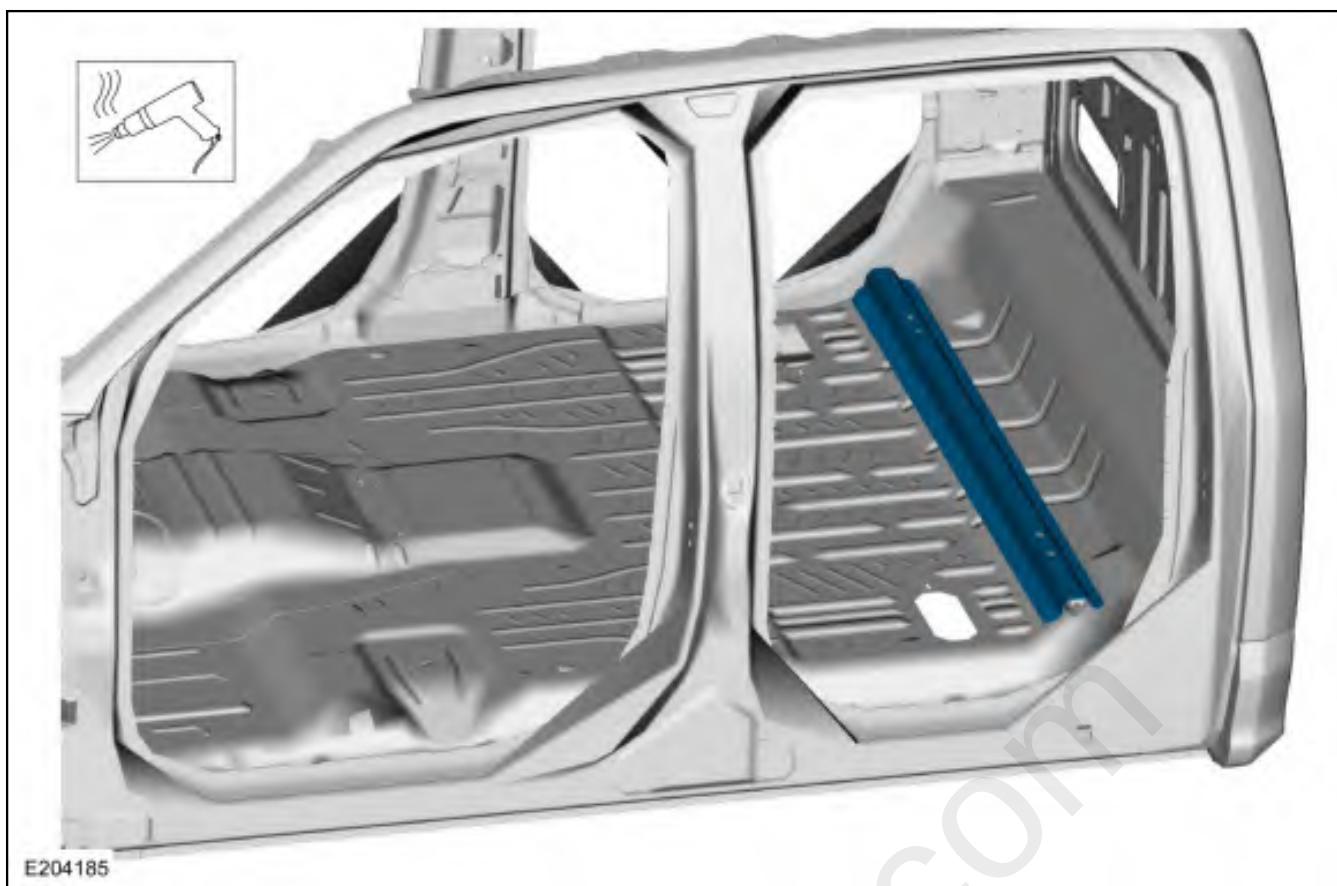
Remove the rear seat brace SPR fasteners.

Use the General Equipment: Self-Piercing Rivet (SPR) Remover/Installer

Use the General Equipment: Belt Sander



10. SuperCab and SuperCrew only:
Break the adhesive bond and remove the rear seat brace.
Use the General Equipment: Hot Air Gun



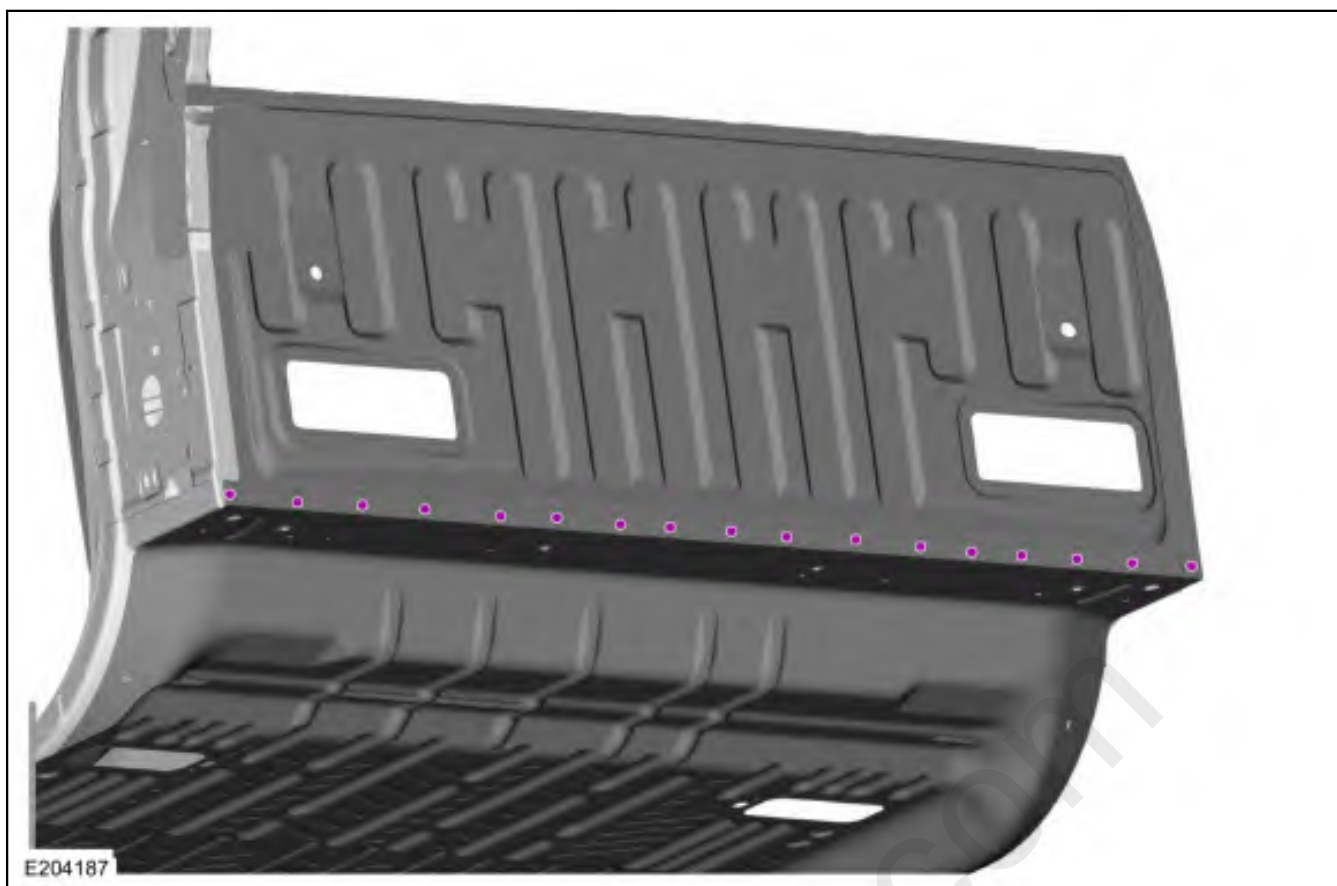
11. Remove the floor panel SPR fasteners.
Use the General Equipment: Self-Piercing Rivet (SPR) Remover/Installer
Use the General Equipment: Belt Sander



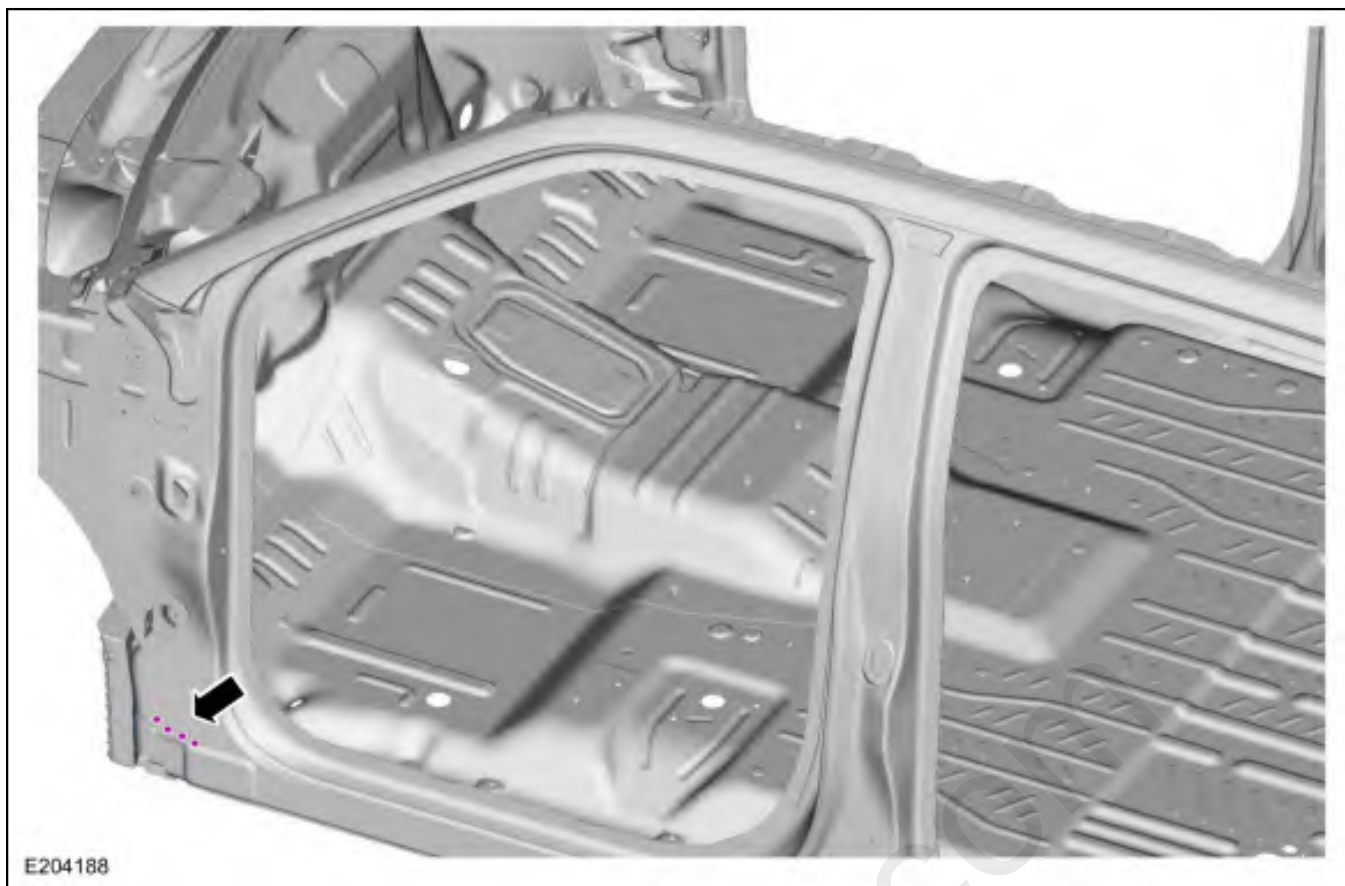
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12. Remove the cab back to floor panel SPR fasteners.
Use the General Equipment: Self-Piercing Rivet (SPR) Remover/Installer
Use the General Equipment: Belt Sander

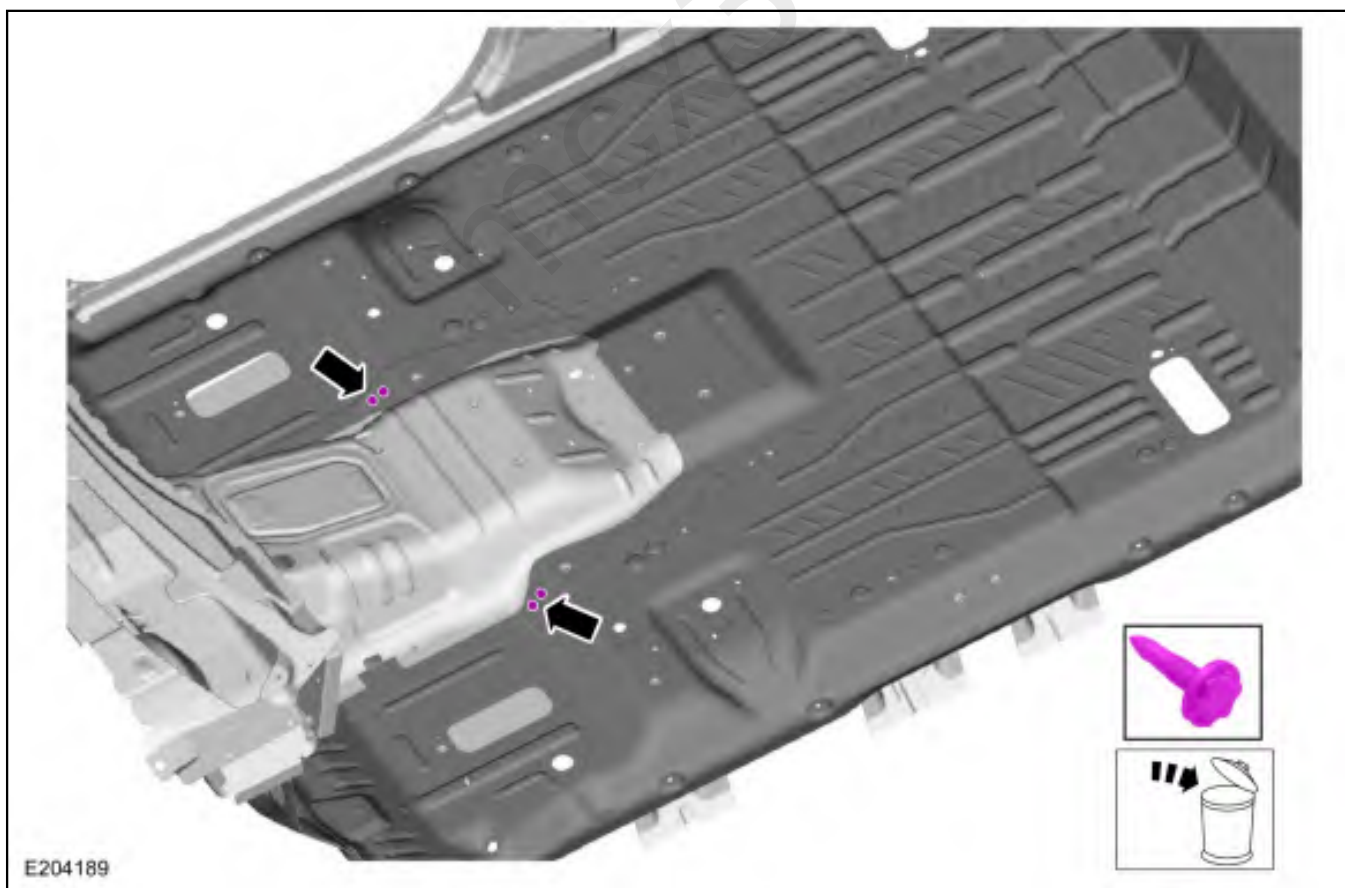


13. Remove the floor panel to A-pillar SPR fasteners (both sides).
Use the General Equipment: Self-Piercing Rivet (SPR) Remover/Installer
Use the General Equipment: Belt Sander



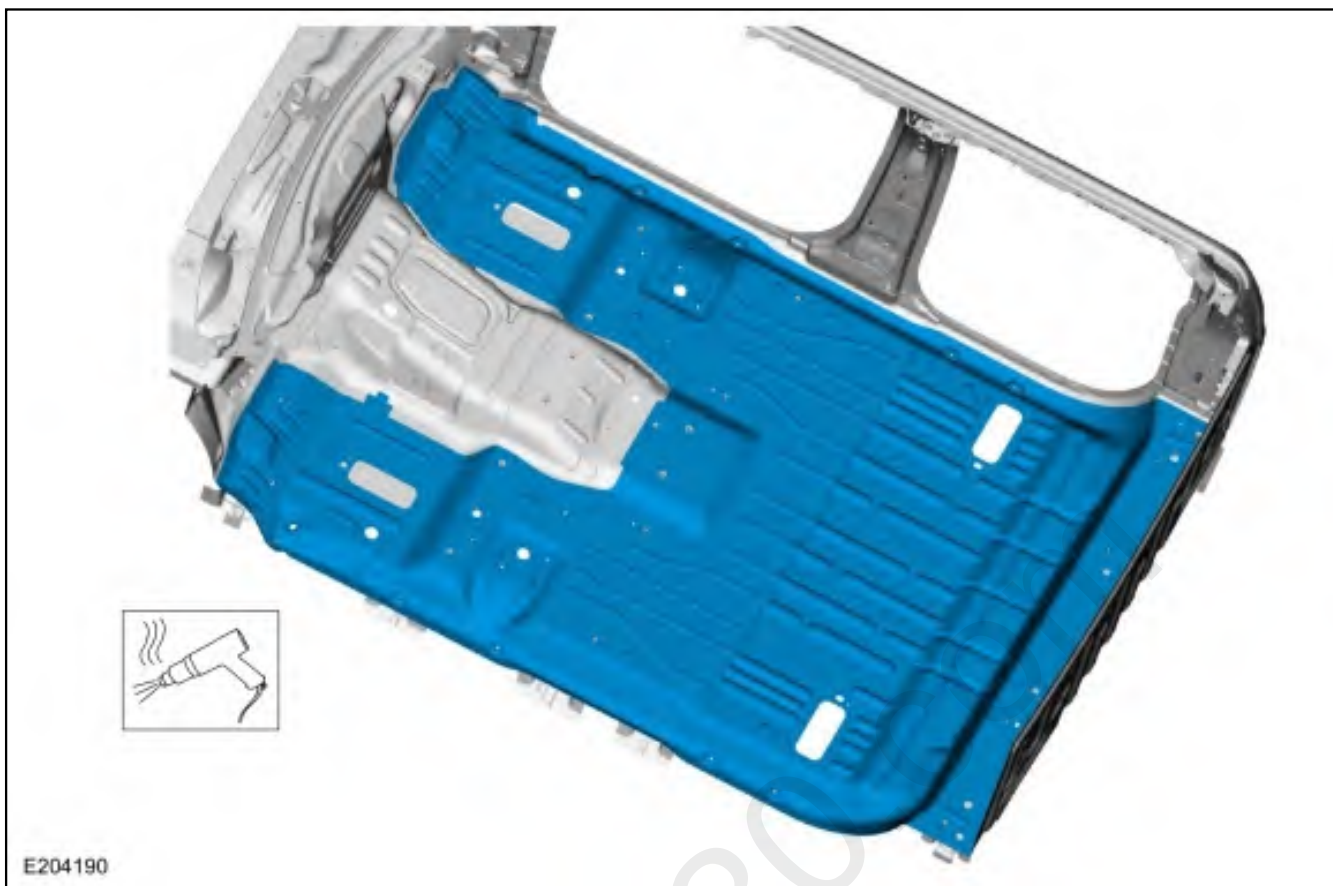
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14. Remove and discard the FDS fasteners.
Use the General Equipment: Polydrive Bit Socket



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15. Break the adhesive bond and remove the floor panel assembly.
Use the General Equipment: Hot Air Gun



Installation

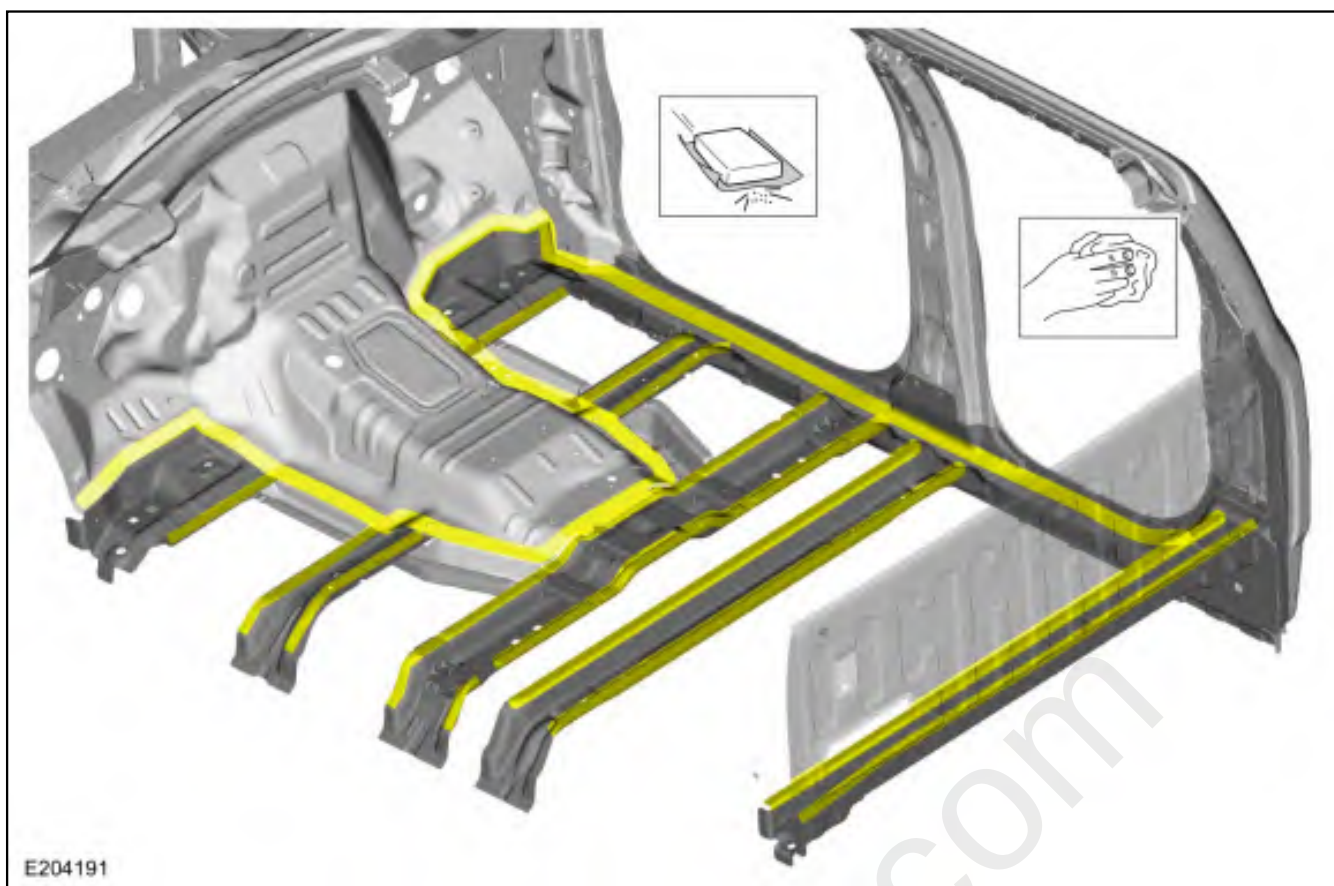
NOTE: Aluminum body panels are highly receptive to heat transfer. With the extensive use of structural adhesives and non-structural sealers used in vehicle construction, the potential of heat transfer could impact adhesives and sealers in non-associated panels during the repair process. Many repairs areas that utilize structural adhesive may be separated after fastener removal by using a panel chisel along the joint/flange. Using heat not exceeding 425° F to loosen a bonded panel should only be done when **all panels in the joint** will be replaced and new adhesive applied.

NOTE: SuperCrew cab shown, Regular cab and SuperCab similar.

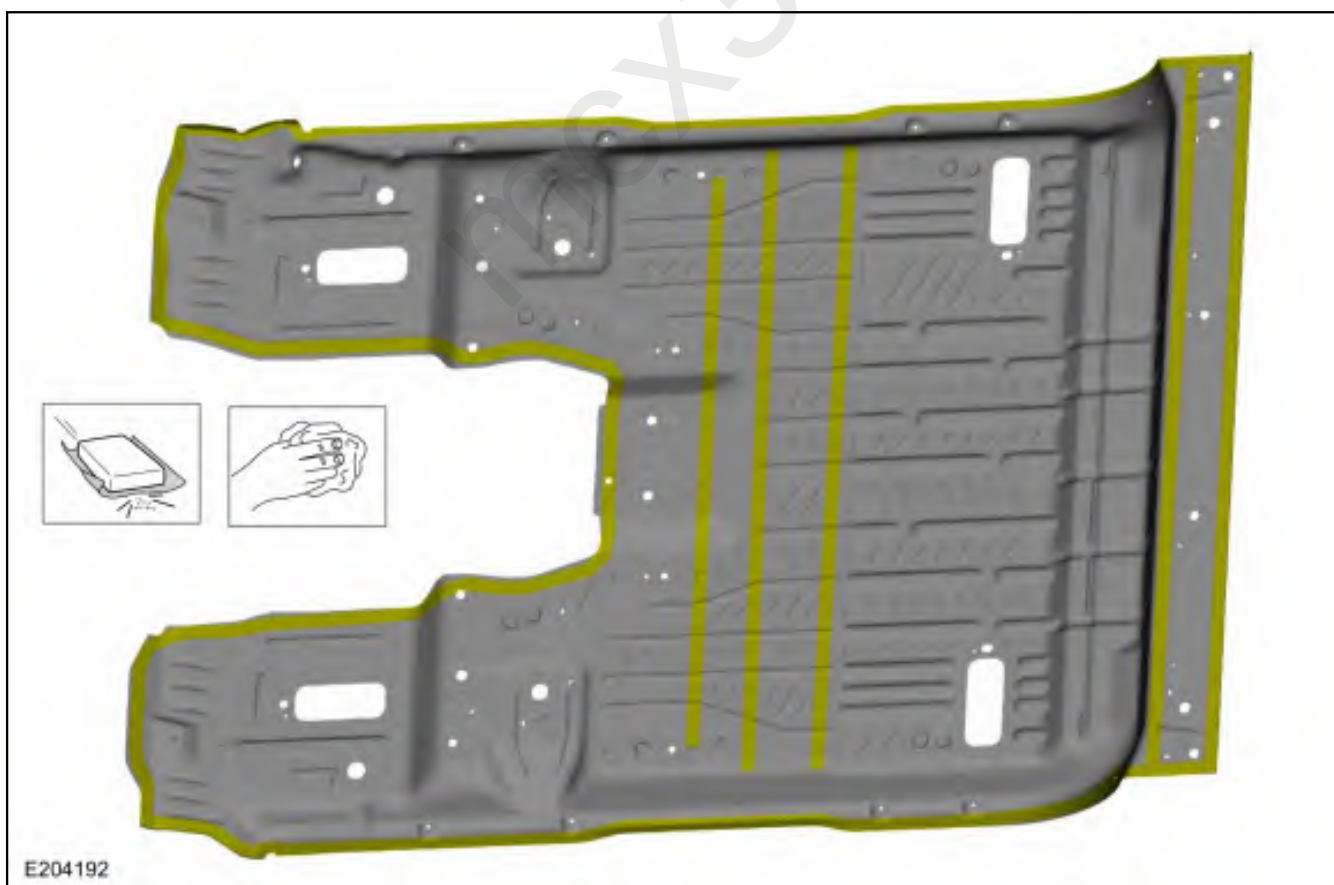
NOTE: SPR fasteners may not be placed directly over original SPR location. They must be placed adjacent to original location matching original quantity.

NOTE: Blind or solid rivet fasteners may be used in place of SPR fasteners after enlarging holes to 6.5 mm.

1. 80-120 grit sand paper.
Sand to remove old adhesive and clean.

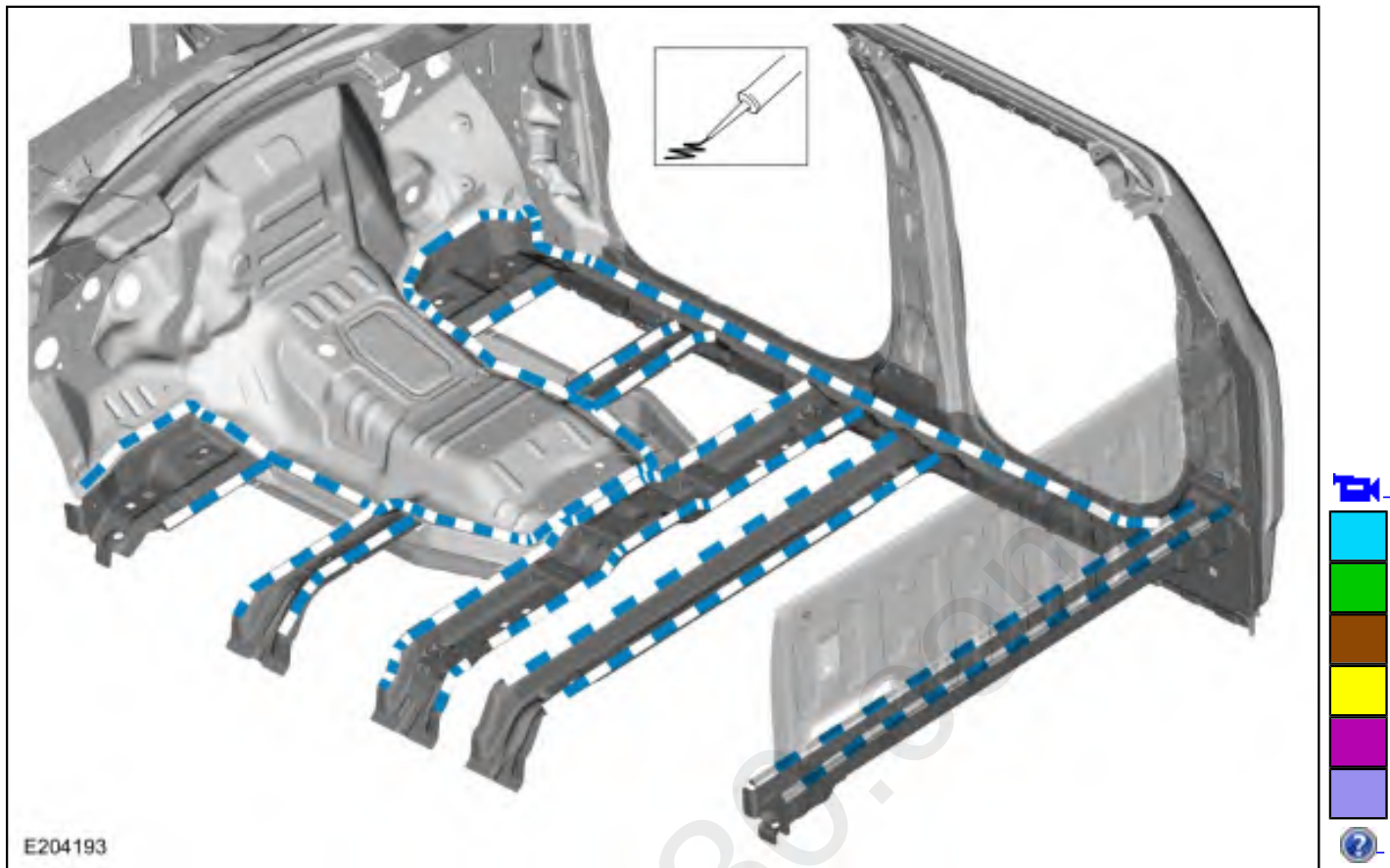


2. 80-120 grit sand paper.
Sand to remove e-coat and clean.



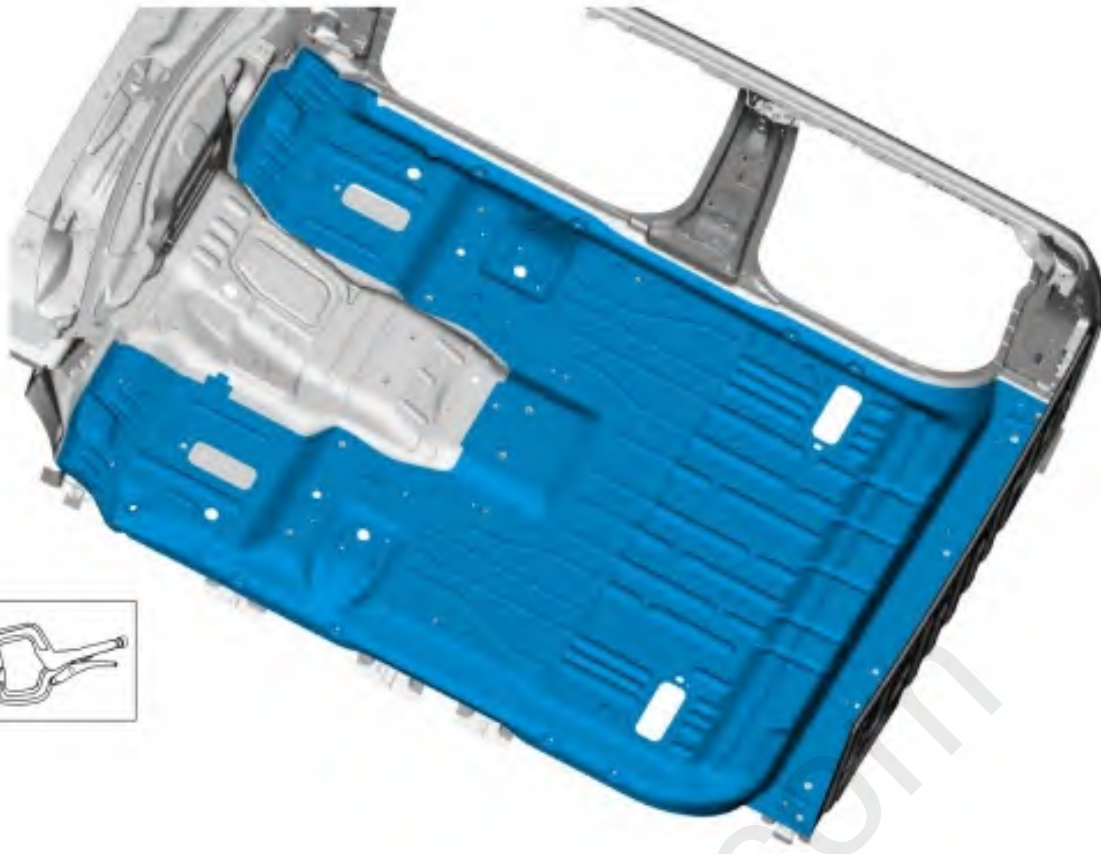
3. Apply adhesive.

Material: Metal Bonding Adhesive / TA-1, TA-1-B, 3M™ 08115, LORD Fusor® 108B

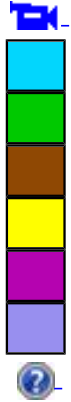


4. Install and clamp in position.

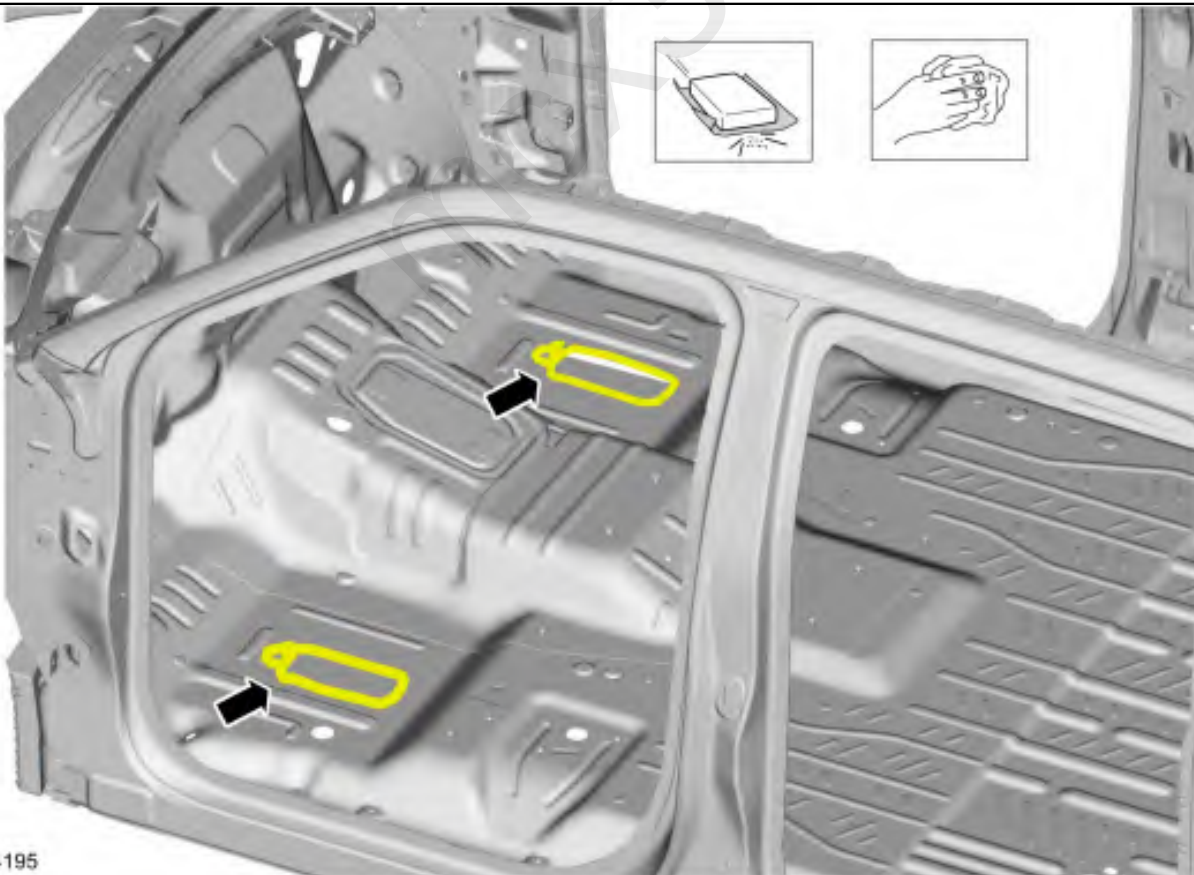
Use the General Equipment: Locking Pliers



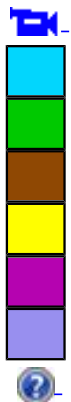
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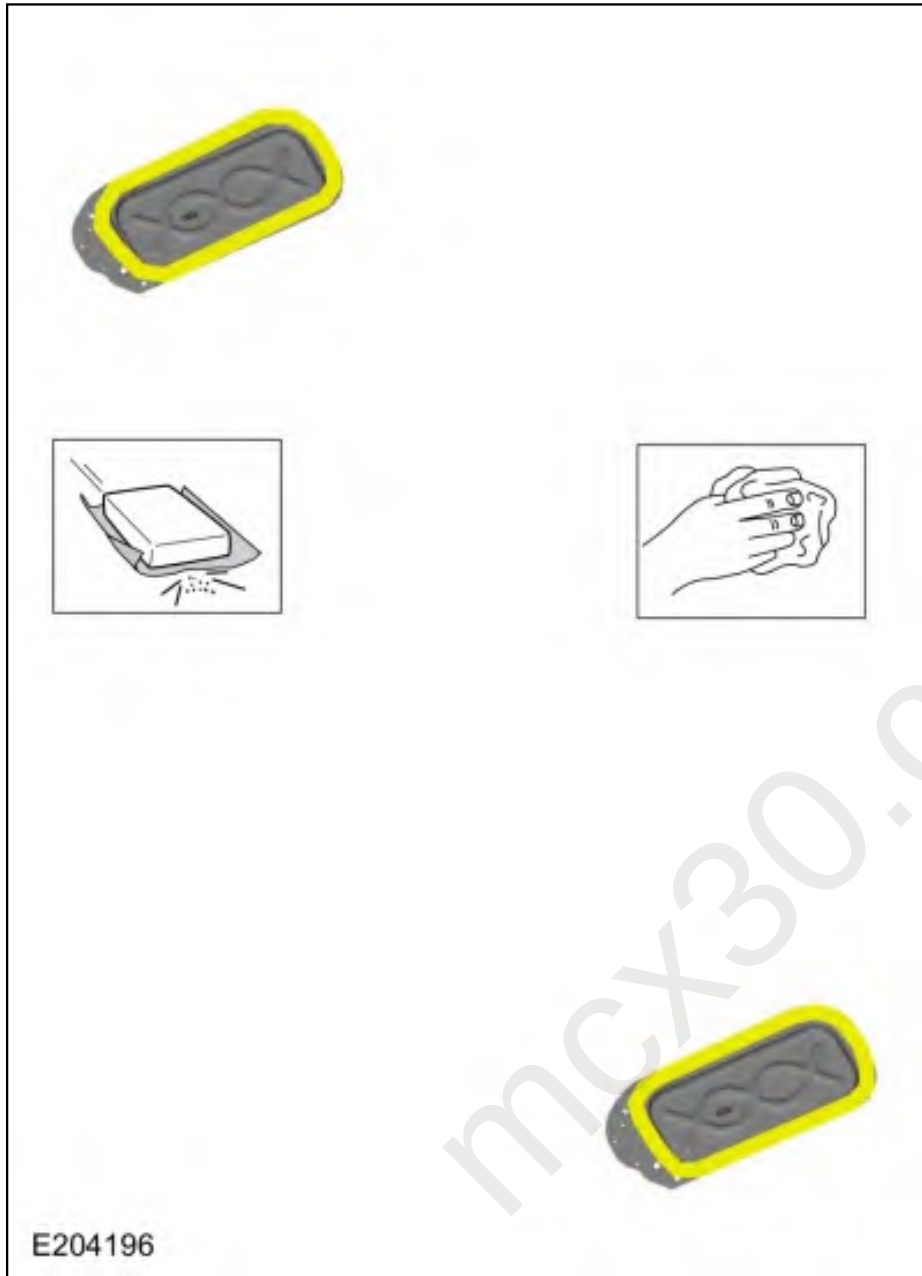
5. 80-120 grit sand paper.
Sand to remove e-coat and clean.



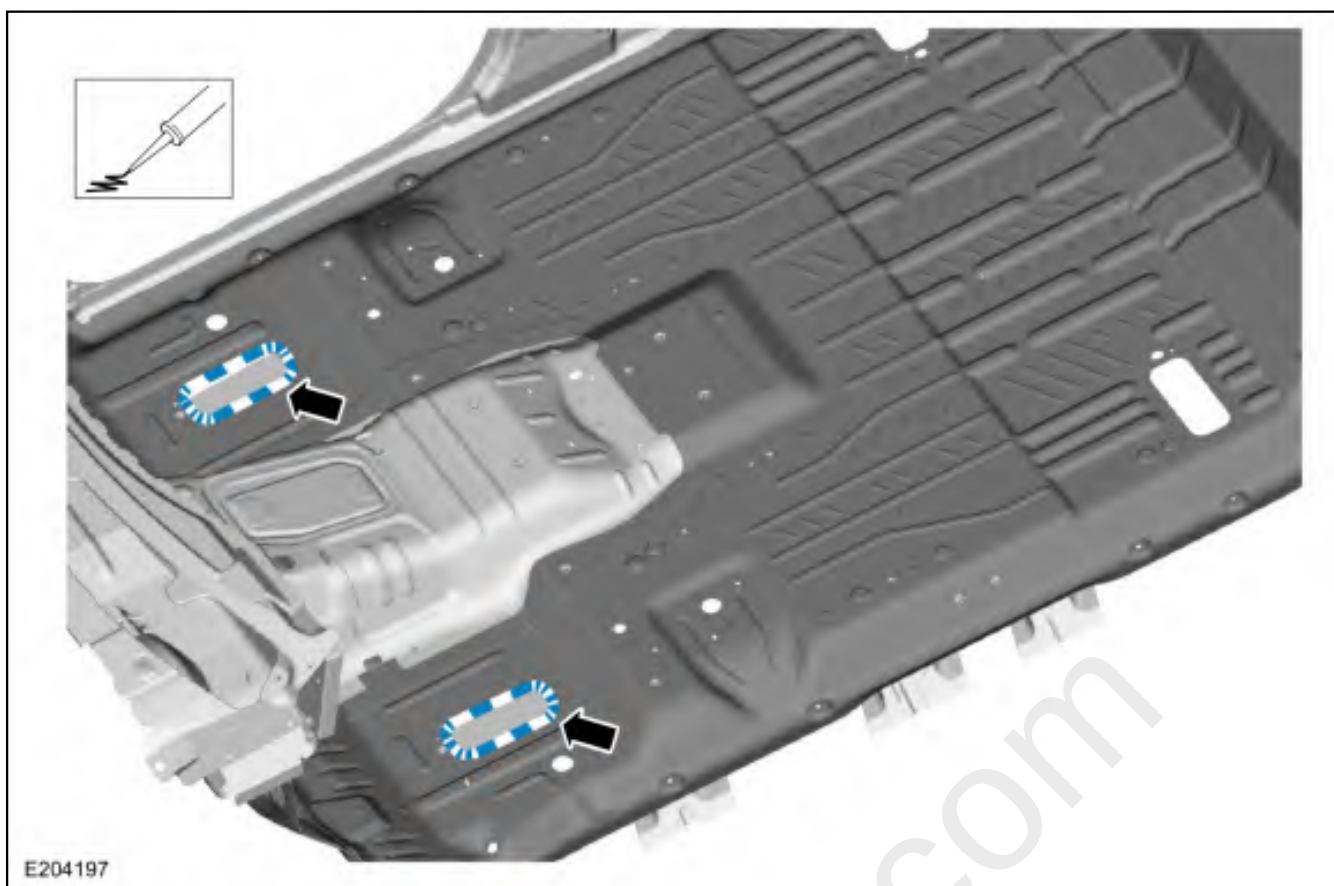
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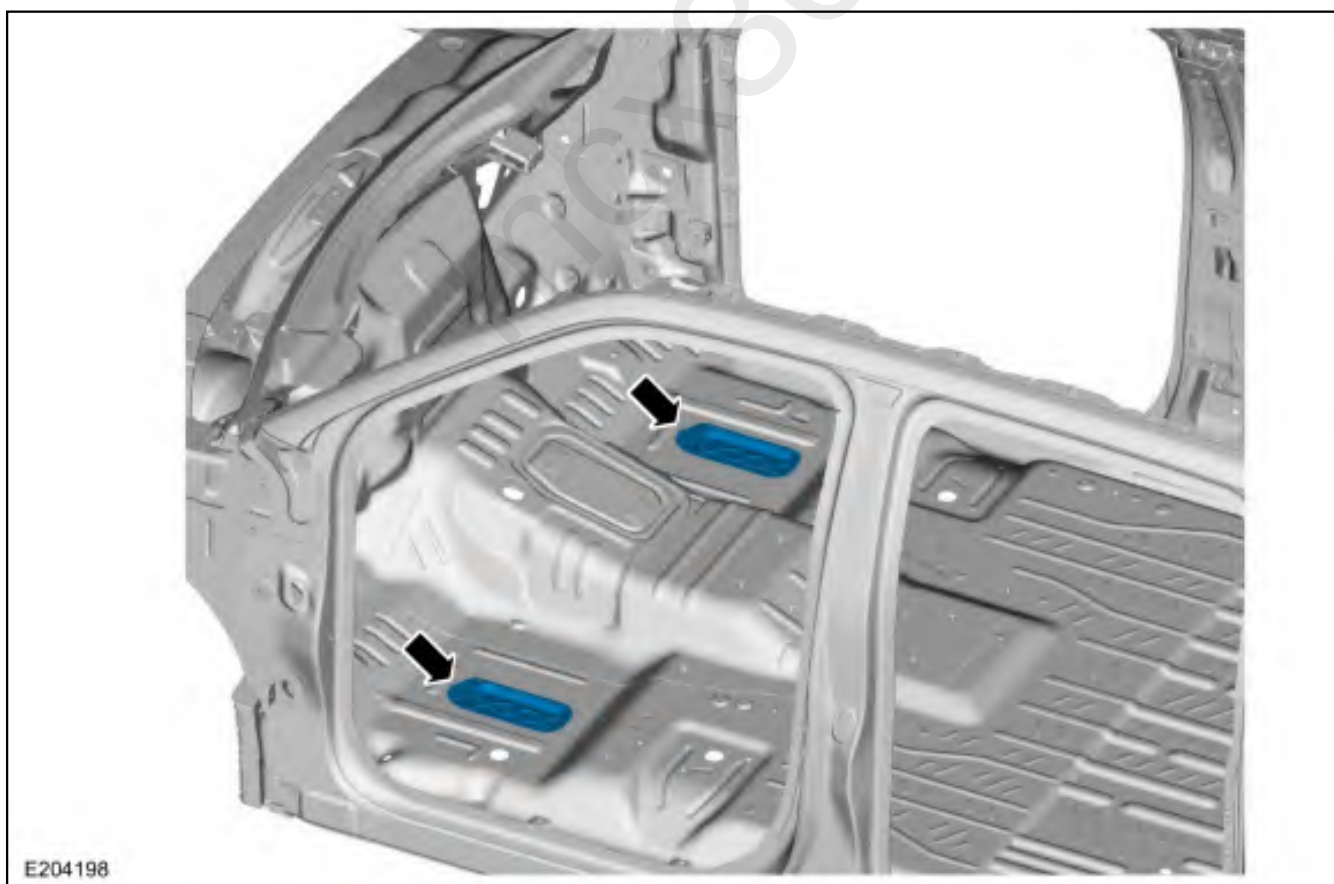
6. 80-120 grit sand paper.
Sand to remove e-coat and clean.



7. Apply adhesive.
Material: Metal Bonding Adhesive / TA-1, TA-1-B, 3M™ 08115, LORD Fusor® 108B



8. Install the floor panel inspection covers.



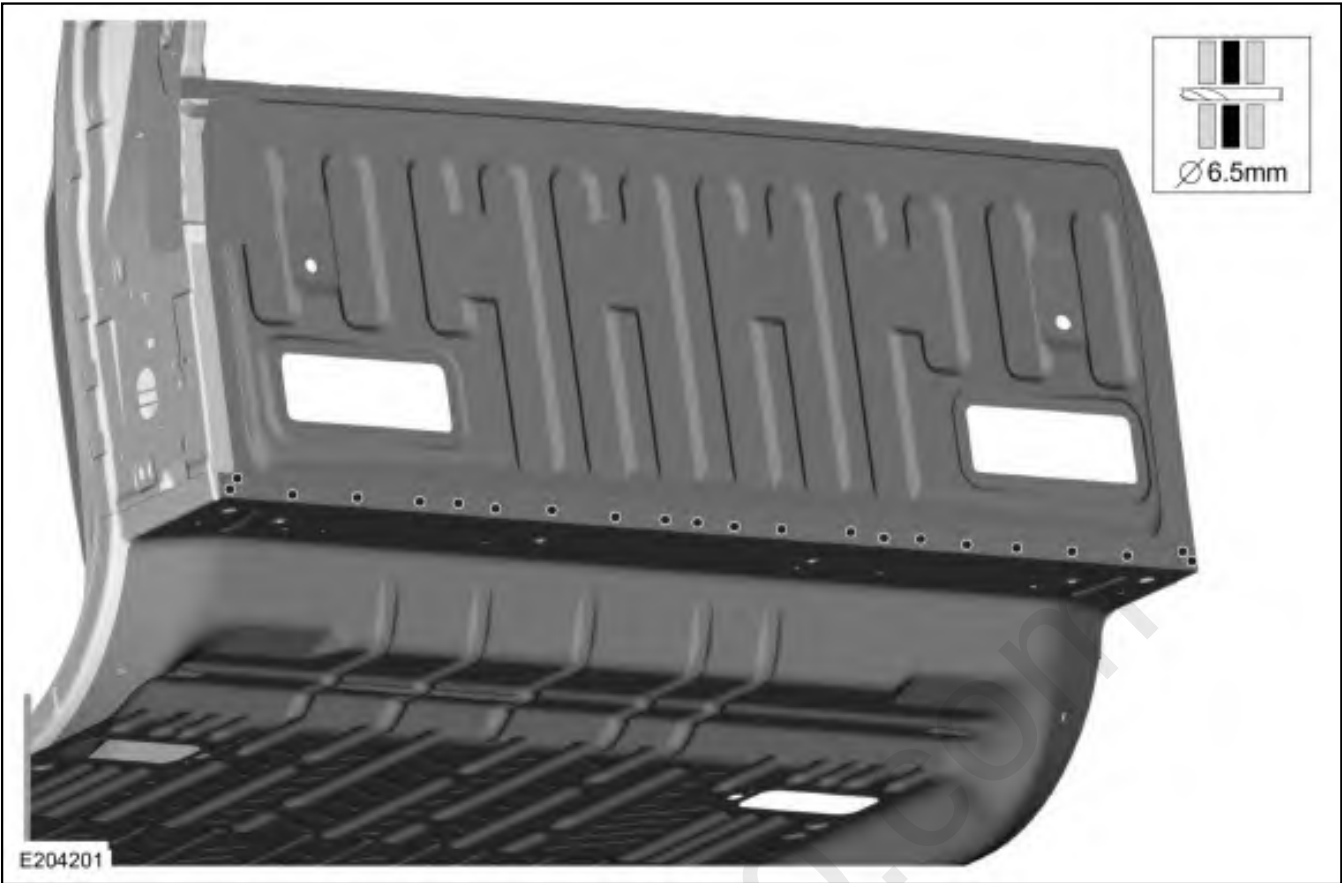
9. Drill for fastener installation.
- Use the General Equipment: 6.5 mm Drill Bit
- Use the General Equipment: 11 mm Drill Bit



10. Install fasteners.

Item	SPR Number	SPR Code	Henrob® Mandrel	Pro-Spot® Mandrel	Blind Rivet	Solid Rivet	Rivnut®

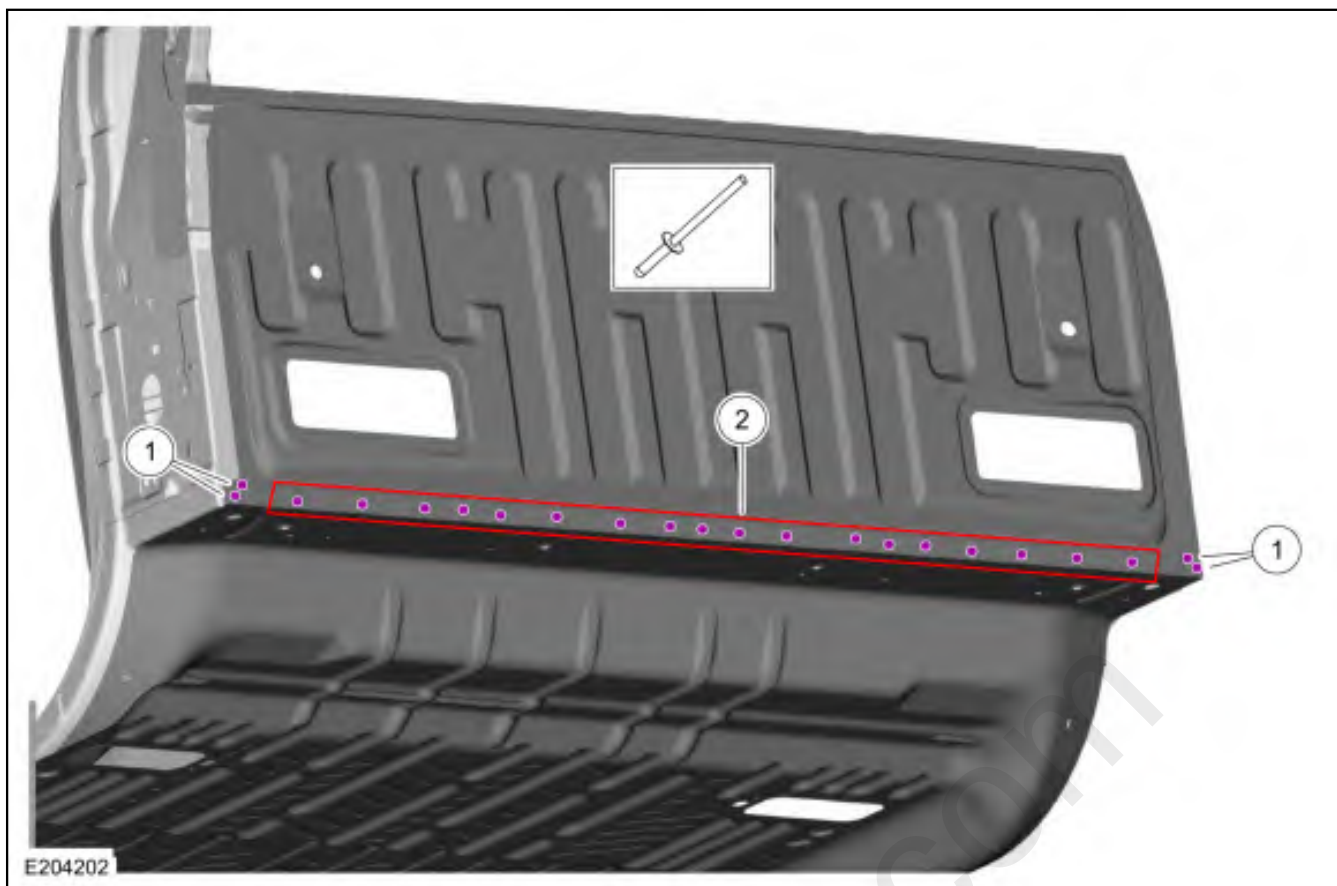
Use the General Equipment: 6.5 mm Drill Bit



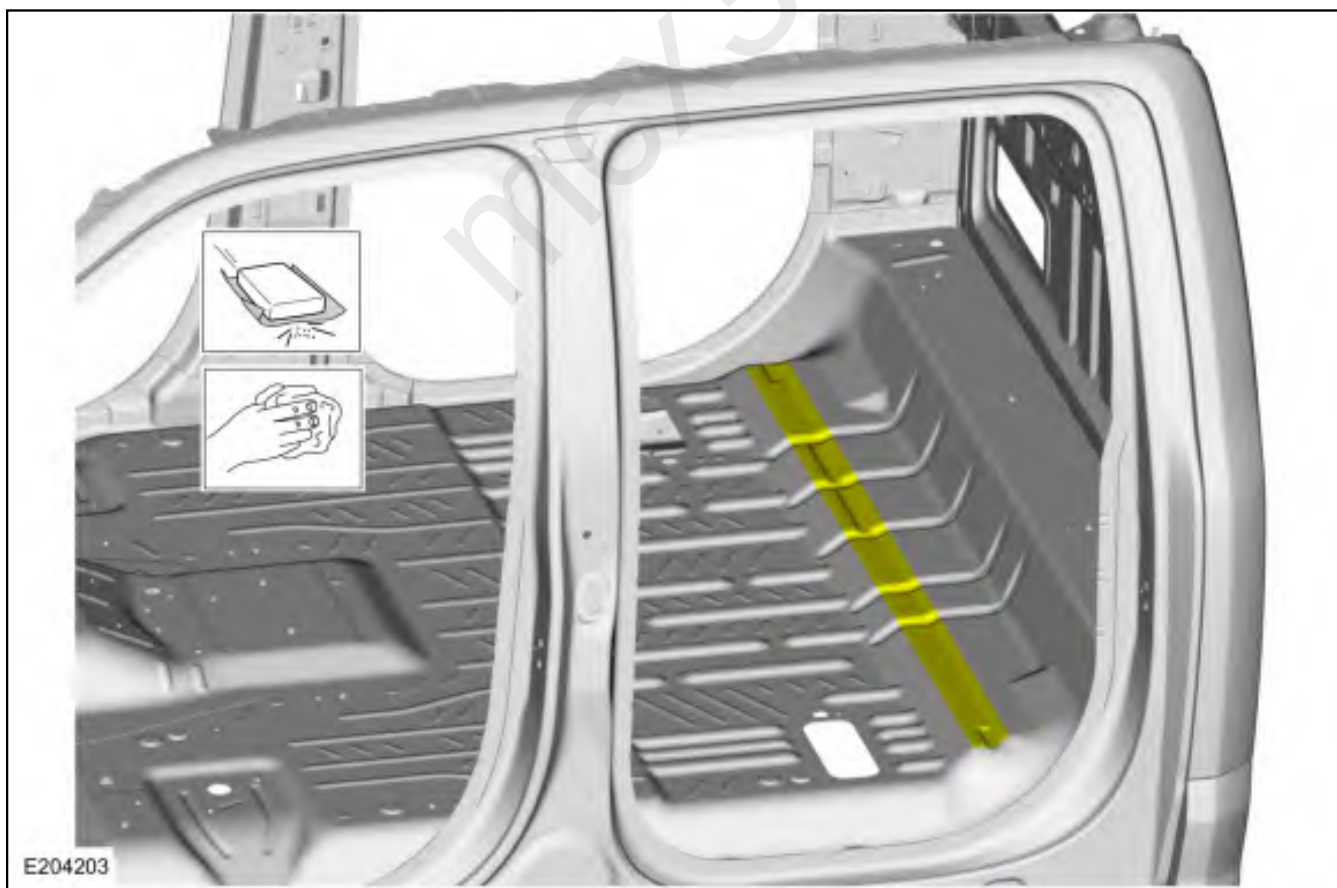
12. Install fasteners.

Item	SPR Number	SPR Code	Henrob® Mandrel	Pro-Spot® Mandrel	Blind Rivet	Solid Rivet	Rivnut®
1	-	-	-	-	W702512-S900C	-	-
2	-	-	-	-	W707638-S900C	-	-

Use the General Equipment: Blind Rivet Gun



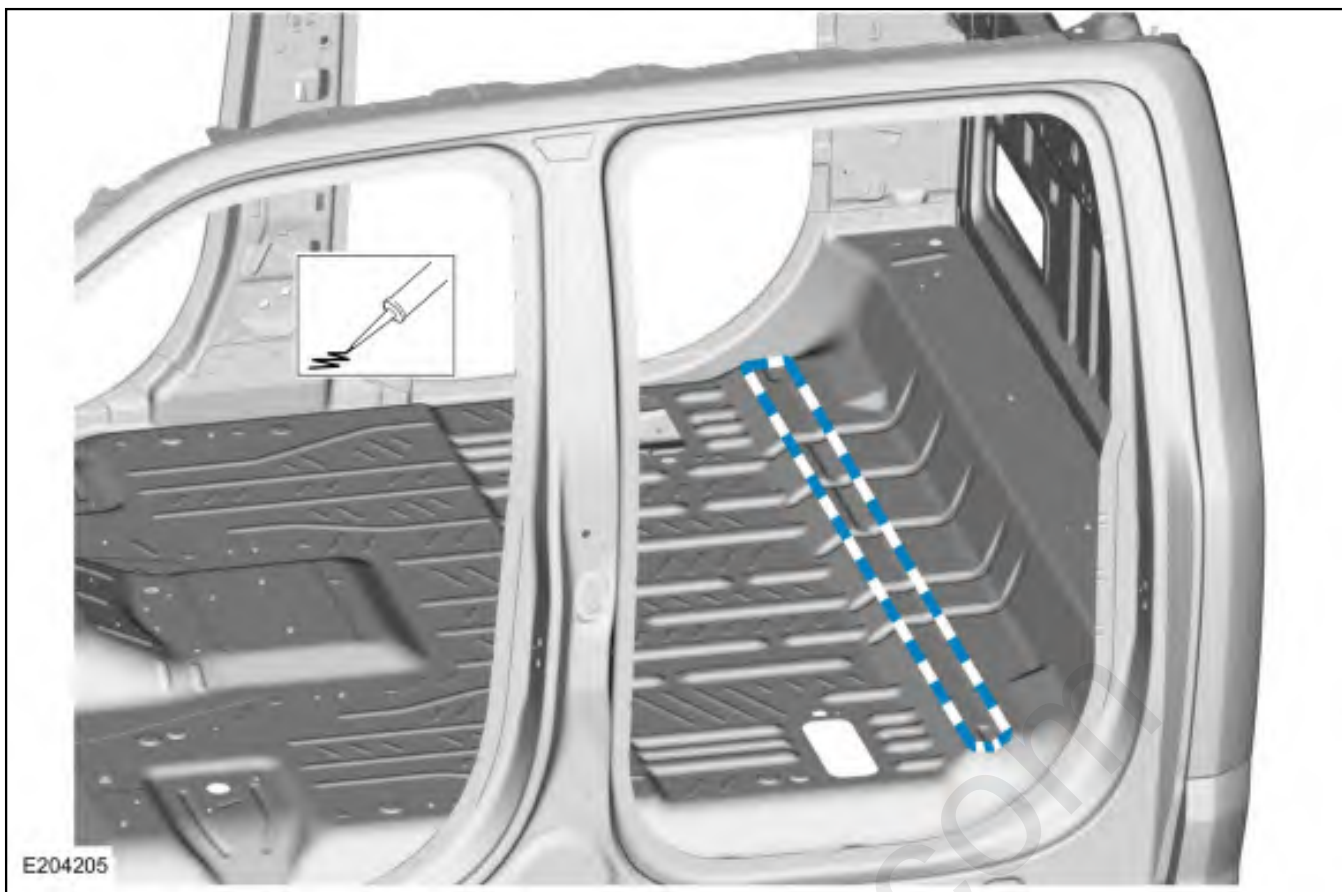
13. 80-120 grit sand paper (SuperCab and SuperCrew only)
Sand to remove e-coat and clean).



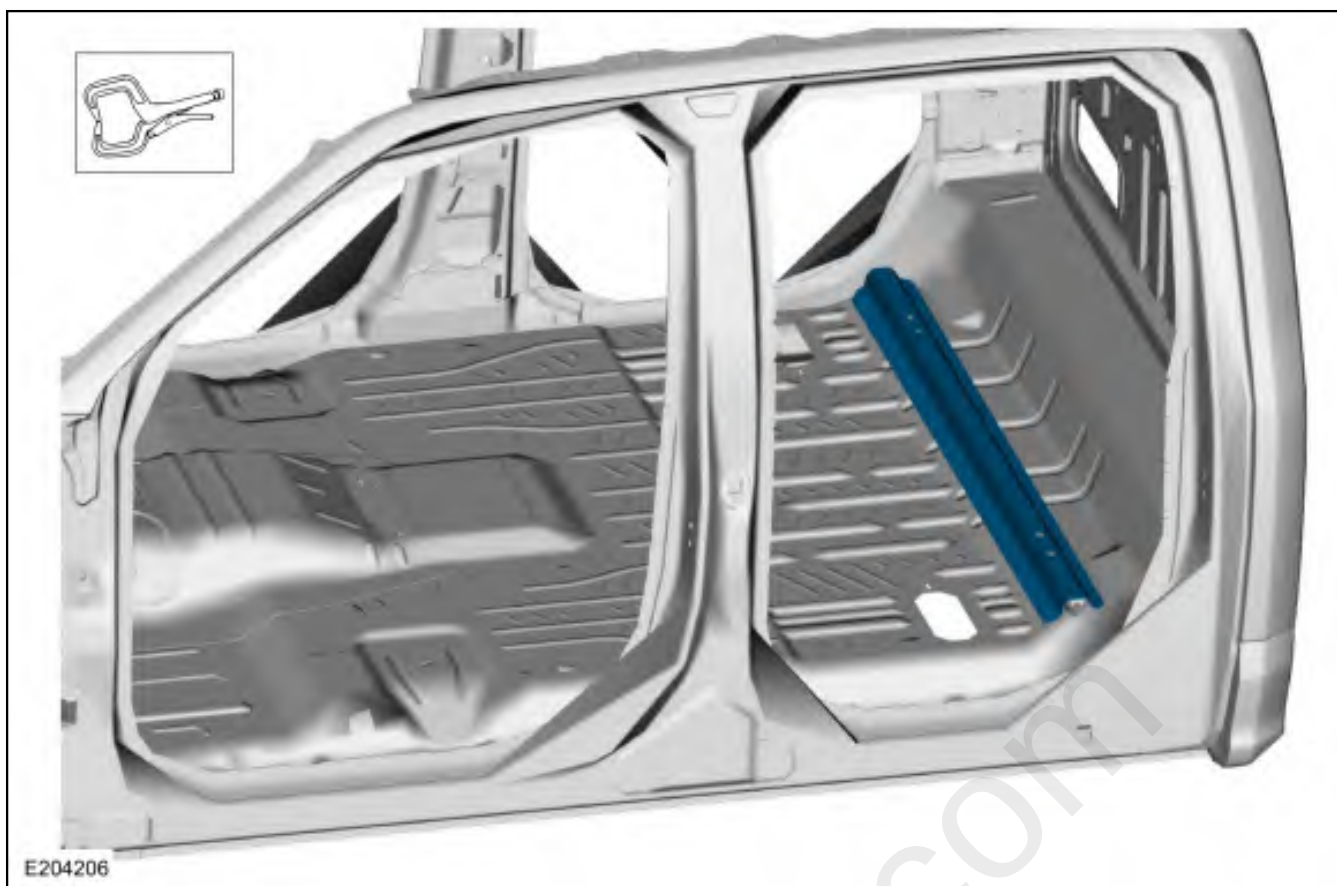
14. 80-120 grit sand paper (SuperCab and SuperCrew only).
Sand to remove e-coat and clean.



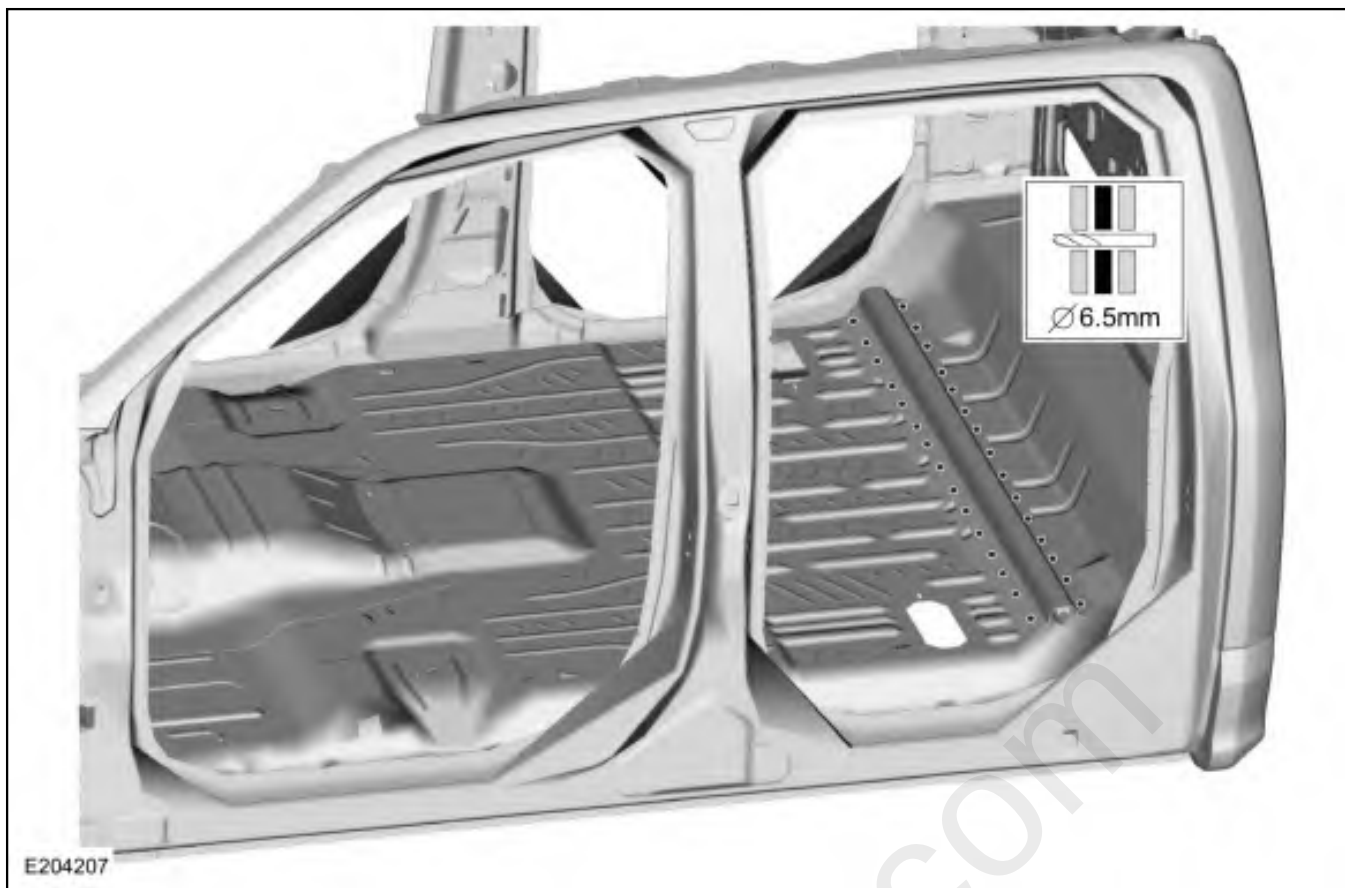
15. SuperCab and SuperCrew only.
Apply adhesive.
Material: Metal Bonding Adhesive / TA-1, TA-1-B, 3M™ 08115, LORD Fusor® 108B



16. SuperCab and Super Crew only.
Install the rear seat brace and clamp in position.
Use the General Equipment: Locking Pliers



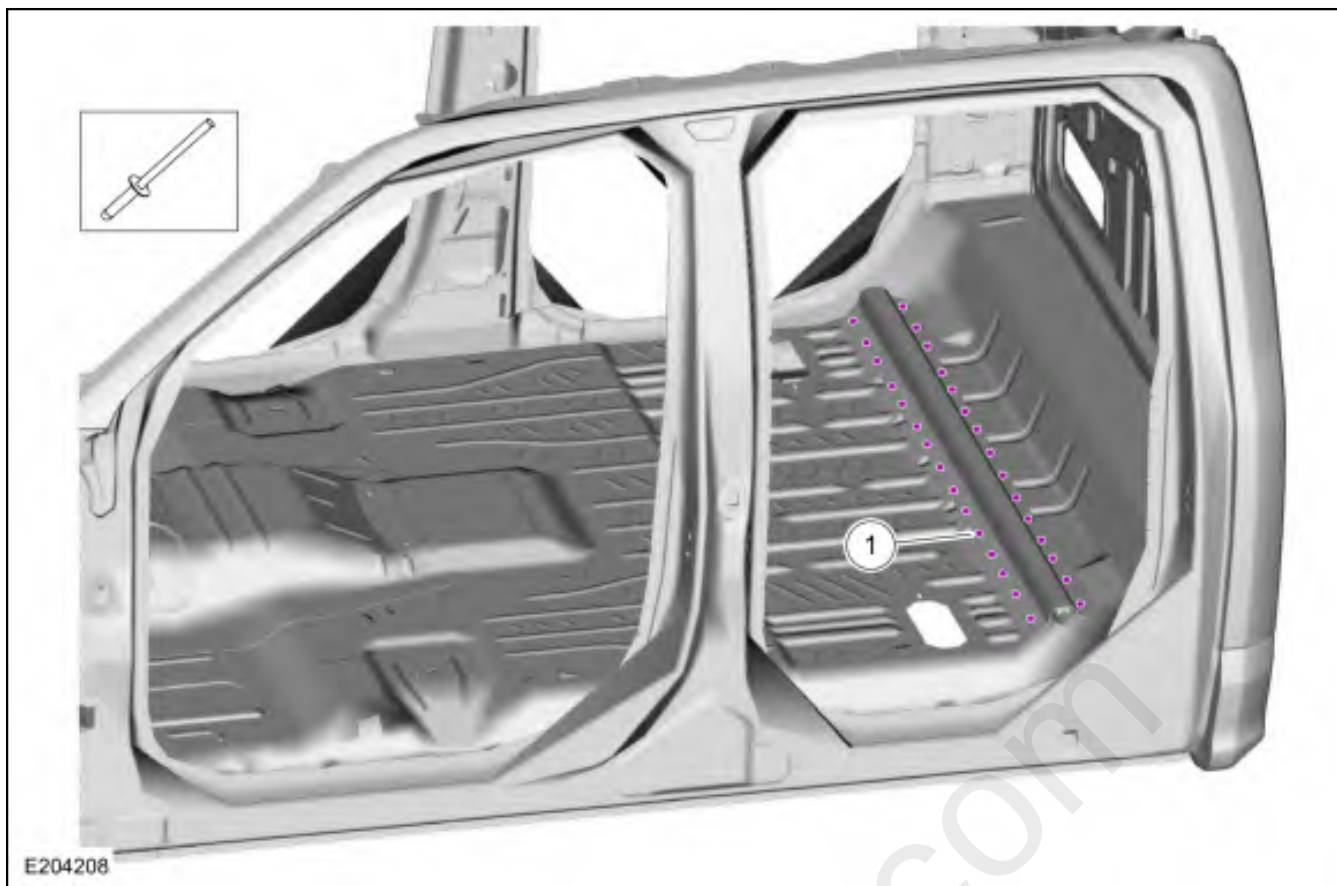
17. SuperCab and Super Crew only.
Drill for fastener installation.
Use the General Equipment: 6.5 mm Drill Bit



18. SuperCab and Super Crew only.
Install fasteners.

Item	SPR Number	SPR Code	Henrob® Mandrel	Pro-Spot® Mandrel	Blind Rivet	Solid Rivet	Rivnut®
1	-	-	-	-	W707638-S900C	-	-

Use the General Equipment: Blind Rivet Gun



19. Install the rocker panel.

Refer to: [Rocker Panel - Regular Cab](#) (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

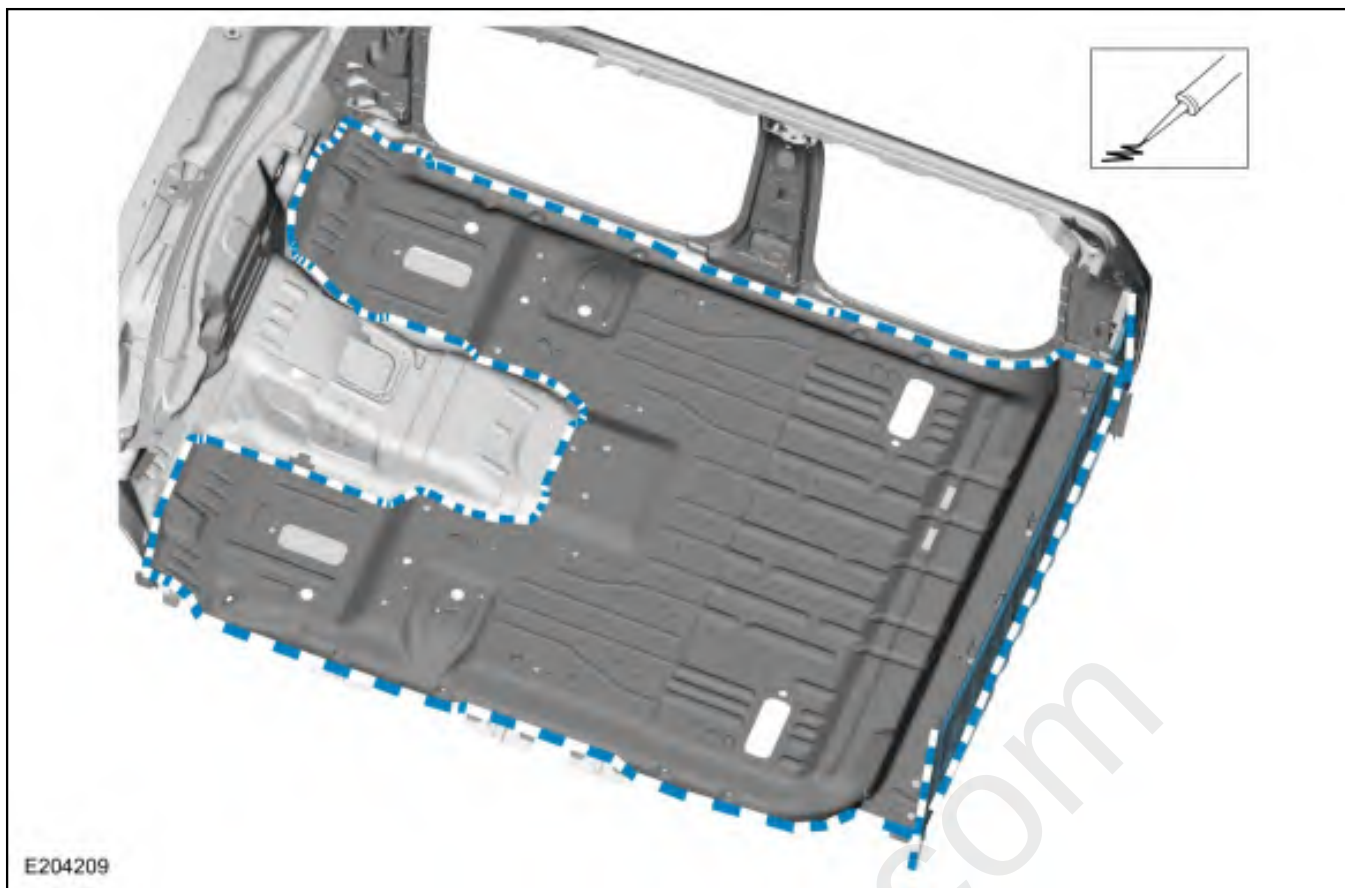
Refer to: [Rocker Panel - SuperCab](#) (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

Refer to: [Rocker Panel - SuperCrew](#) (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

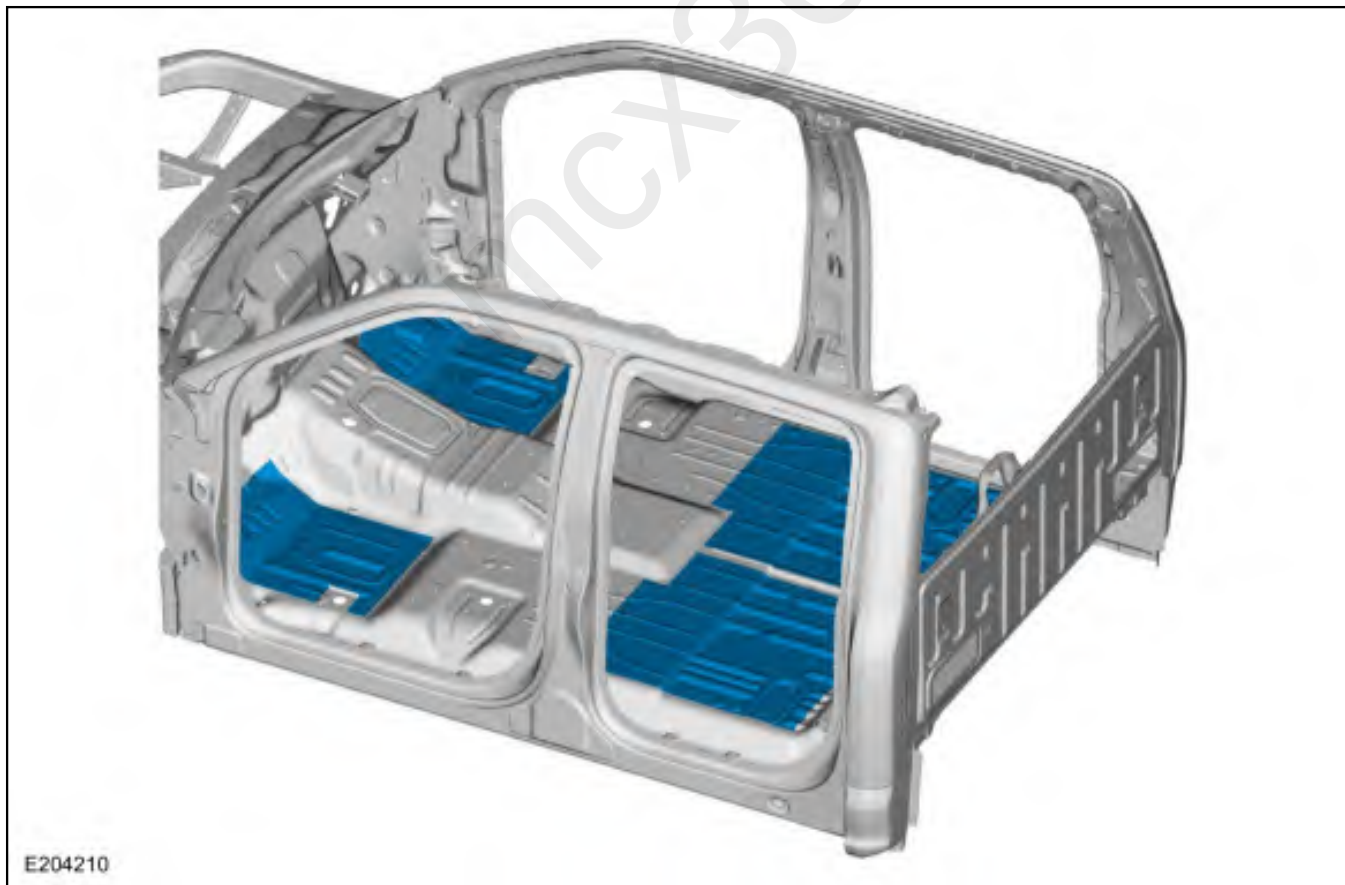
20. Seam Sealing:

All seams must be sealed to production level.

Material: Seam Sealer / TA-2-B, 3M™ 08308, LORD Fusor® 805DTM



21. Install NVH pads.



22. Re-position the wiring harnesses and install the carpeting.

23. If equipped:

Install the console.

Refer to: [Floor Console](#) (501-12 Instrument Panel and Console, Removal and Installation).

24. Install the seats.

Refer to: [Front Seat](#) (501-10A Front Seats, Removal and Installation).

Refer to: [Front Center Seat](#) (501-10A Front Seats, Removal and Installation).

Refer to: [Front Seat Track](#) (501-10A Front Seats, Removal and Installation).

Refer to: [Rear Seat LH - SuperCab](#) (501-10B Rear Seats, Removal and Installation).

Refer to: [Rear Seat RH - SuperCab](#) (501-10B Rear Seats, Removal and Installation).

Refer to: [Rear Seat RH - SuperCrew](#) (501-10B Rear Seats, Removal and Installation).

Refer to: [Rear Seat LH - SuperCrew](#) (501-10B Rear Seats, Removal and Installation).

25. Repower the SRS.

Refer to: [Supplemental Restraint System \(SRS\) Repowering](#) (501-20B Supplemental Restraint System, General Procedures).