

Rocker Panel - Super Cab

Special Tool(s) / General Equipment

6.5 mm Drill Bit
Self-Piercing Rivet (SPR) Remover/Installer
Belt Sander
Blind Rivet Gun
Hot Air Gun
Spot Weld Drill Bit
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

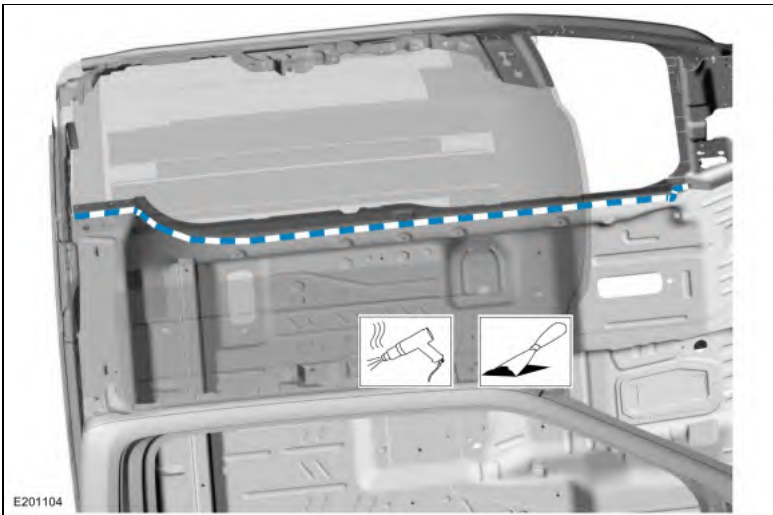
NOTICE: Body side sectioning is prohibited within 50 mm of door hinge, door striker and restraints anchoring points.

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: The following procedure assumes full component replacement.

NOTE: The rocker panel may be sectioned at any point providing restraints, door hinge and door striker restrictions are met. Adjust sectioning point to meet repair requirements.

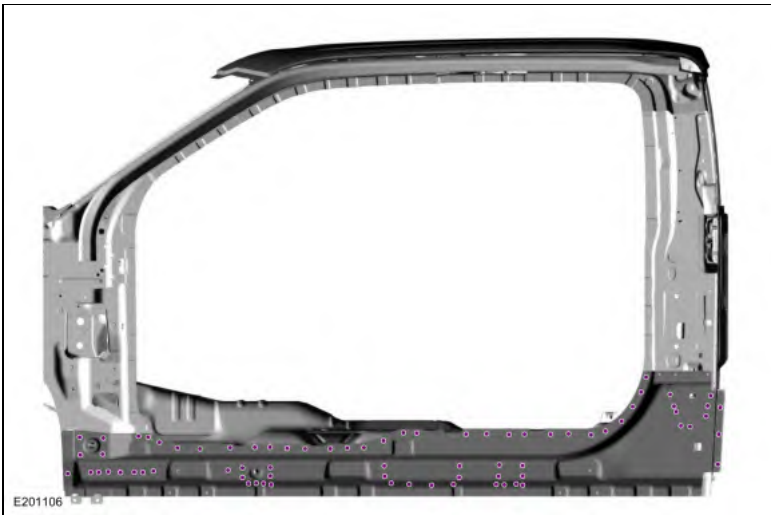
1. Remove the rocker panel inner reinforcement.
Refer to: Rocker Panel Inner Reinforcement - Super Cab (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).
2. Remove the seam sealer.
Use the General Equipment: Hot Air Gun



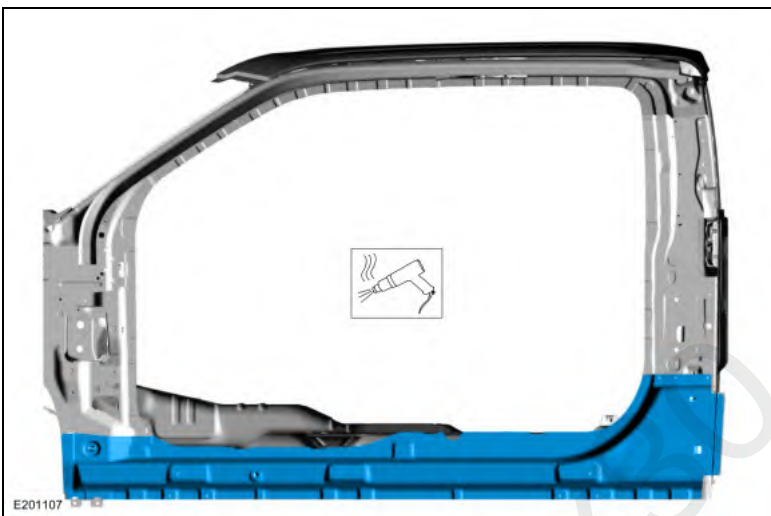
3. Remove the floor to rocker panel SPR fasteners.
Use the General Equipment: Self-Piercing Rivet (SPR) Remover/Installer
Use the General Equipment: Belt Sander



4. Remove the rocker panel outer SPR fasteners.
Use the General Equipment: Spot Weld Drill Bit



5. Break the adhesive bond and remove the rocker panel.
Use the General Equipment: Hot Air Gun



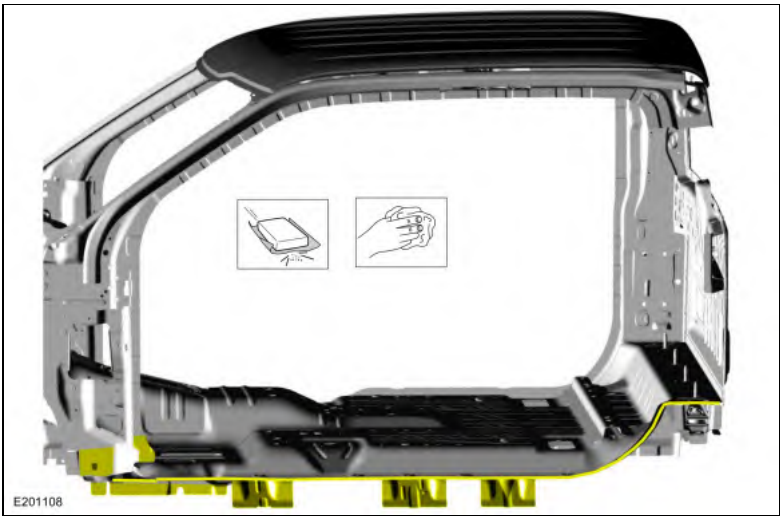
Installation

NOTICE: Body side sectioning is prohibited within 50 mm of door hinge, door striker and restraints anchoring points.

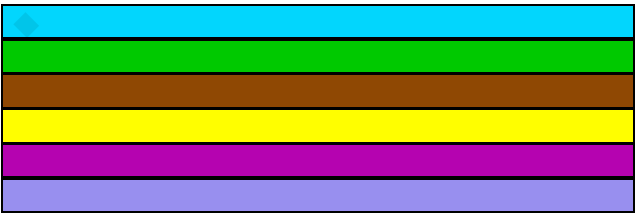
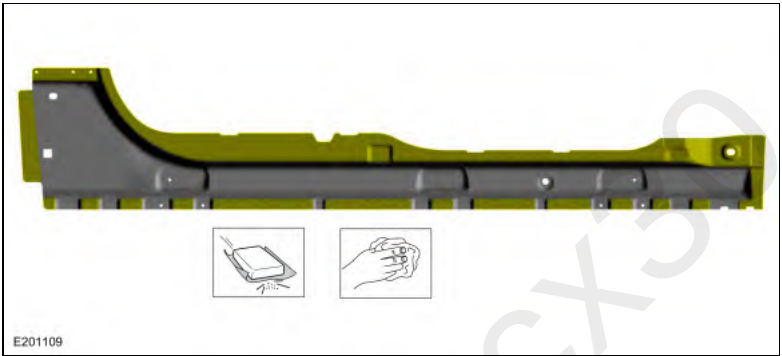
NOTE: SPR fasteners may not be placed directly over original SPR location. They must be placed adjacent to original location matching original quantity.

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

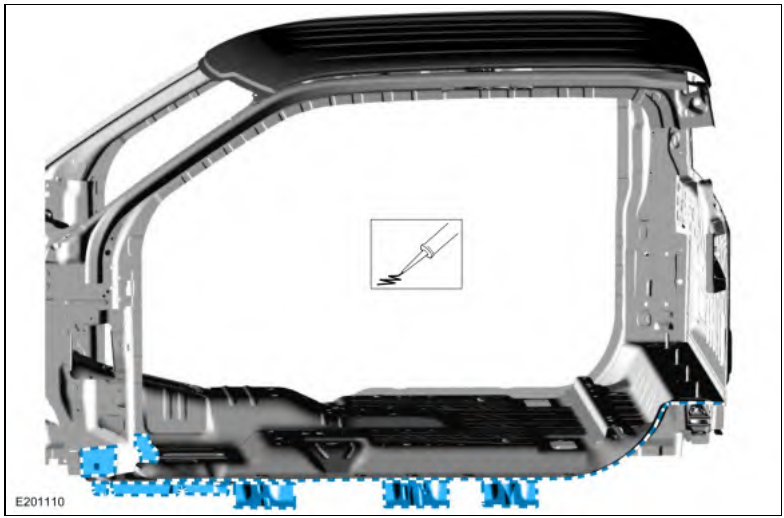
1. 80-120 grit sand paper.
Sand to remove old adhesive and e-coat and clean.



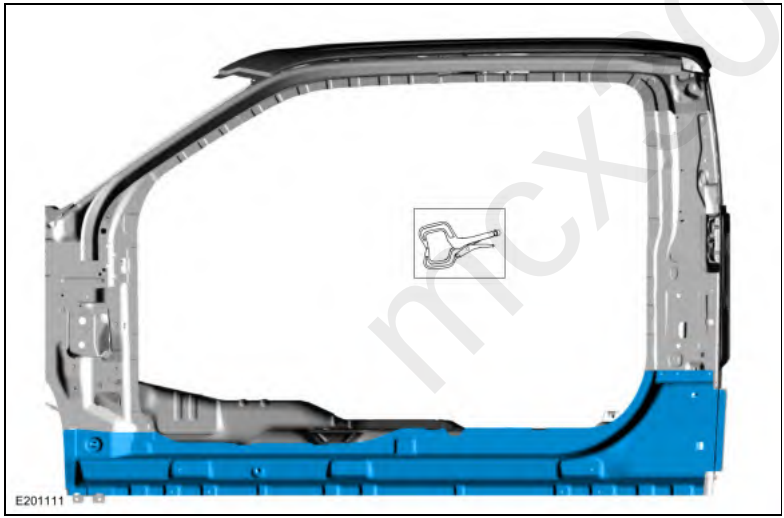
2. 80-120 grit sand paper.
Sand to remove old adhesive and e-coat and clean.



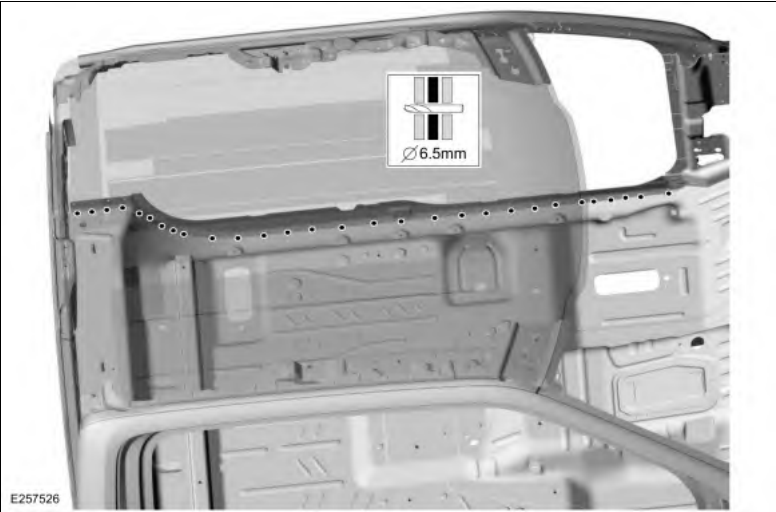
3. Apply adhesive.
Material: Metal Bonding Adhesive / TA-1, TA-1-B, 3M, 08115, LORD Fusor® 108B



4. Install the rocker panel and clamp in position.
Use the General Equipment: Locking Pliers



5. Drill for fastener installation.
Use the General Equipment: 6.5 mm Drill Bit



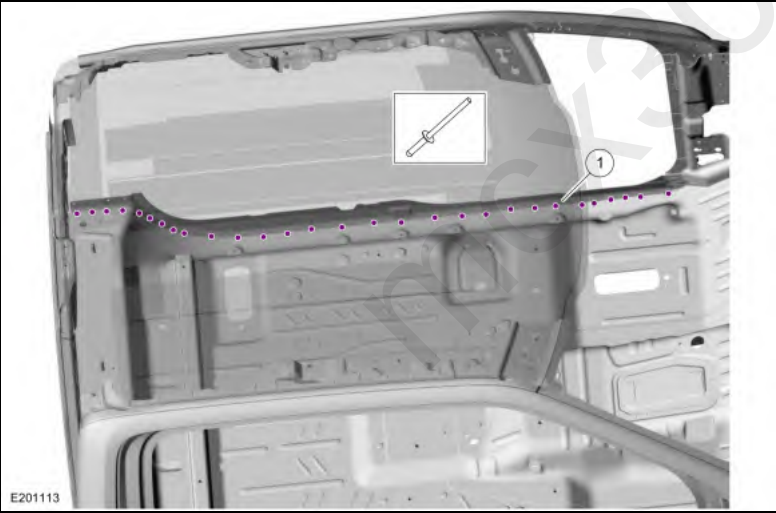
6. **NOTE:** SPR fasteners may not be placed directly over original SPR location. They must be placed adjacent to original location matching original quantity.

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

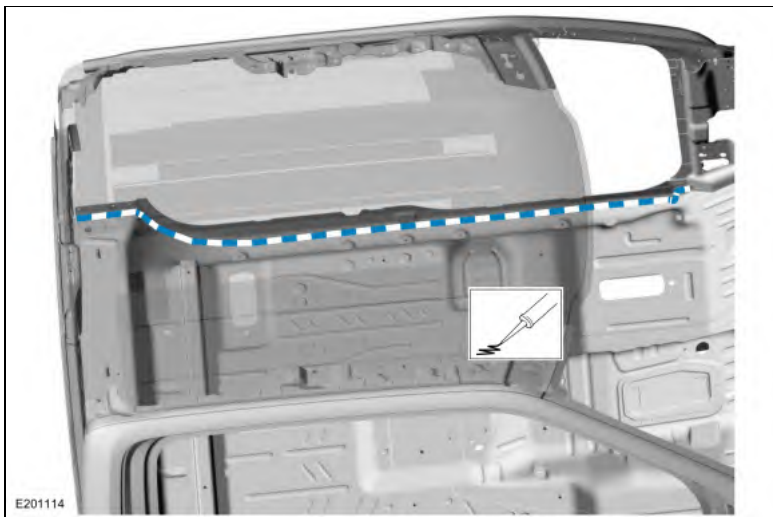
Install fasteners.

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

Use the General Equipment: Blind Rivet Gun



7. **Sealing work:**
All areas must be sealed to production level.
Material: Seam Sealer / TA-2-B, 3M, 08308, LORD Fusor® 805DTM



8. Install the rocker panel inner reinforcement.
Refer to: Rocker Panel Inner Reinforcement - Super Cab (501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

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