

REMOVAL AND INSTALLATION > ROOF PANEL - REGULAR CAB

Special Tool(s) / General Equipment

Scraper for Straight Edges
Spherical Cutter
Grinder
Self-Piercing Rivet (SPR) Remover/Installer
Belt Sander
Blind Rivet Gun
Hot Air Gun
Knife
Air Body Saw
Locking Pliers

Materials

Name	Specification
Metal Bonding Adhesive TA-1, 3M™ 08115, Fusor® 108B	-
Roof Ditch Sealer 3M™ 08307, Fusor® 122EZ	-

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NOTE: Adequately protect all glass, exterior finish and interior trim from contamination during entire repair procedure.



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.

Depower the SRS. Refer to: Supplemental Restraint System (SRS) Depowering .

2.

Remove the headliner. Refer to: Headliner - Regular Cab .

3.

Remove the windshield and rear window glass. Refer to: Fixed Glass .

4.

Remove the CHMSL (center high mount stop lamp). Refer to: High Mounted Stoplamp .

5.

Remove the roof mouldings. Refer to: Roof Moulding .

6.

Remove the side curtain air bag. Refer to: Side Curtain Airbag - Regular Cab .

7.

Remove the satellite radio antenna. Vehicles Without: SYNC, Refer to: Satellite Radio Antenna . Vehicles With: SYNC Without Touchscreen, Refer to: Satellite Radio Antenna . Vehicles With: Touchscreen Display, Refer to: Satellite Radio Antenna . Vehicles With: Sony Audio System, Refer to: Satellite Radio Antenna .

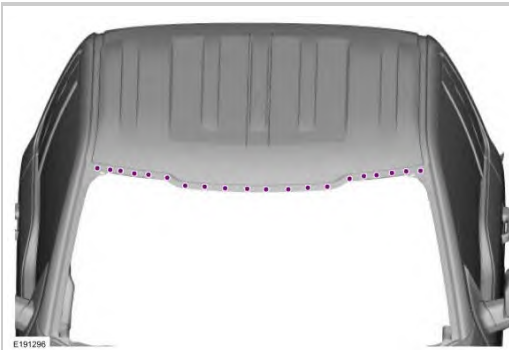
8.

Remove the roof ditch sealer. Use the General Equipment: Hot Air Gun Use the General Equipment: Scraper for Straight Edges



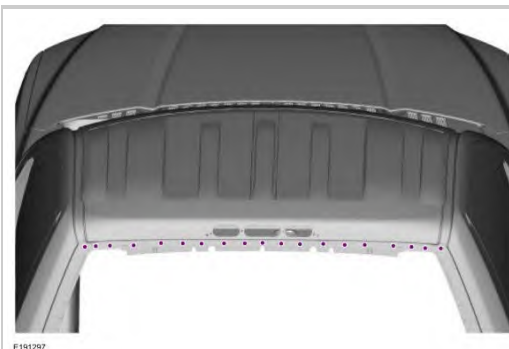
9.

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



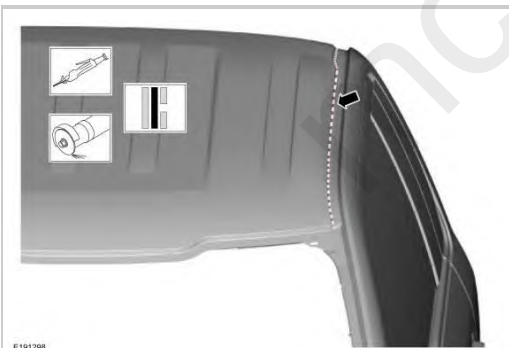
10.

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



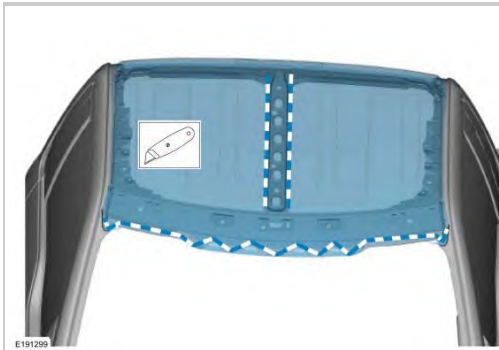
11.

Carefully cut the roof **outer panel only** in the area shown below (inboard on the roof ditch). Both sides. Use the General Equipment: Air Body Saw Use the General Equipment: Spherical Cutter



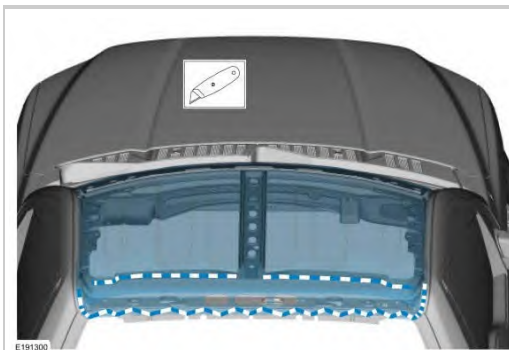
12.

Leave as much foam as possible intact on the roof bows. Use the General Equipment: Knife



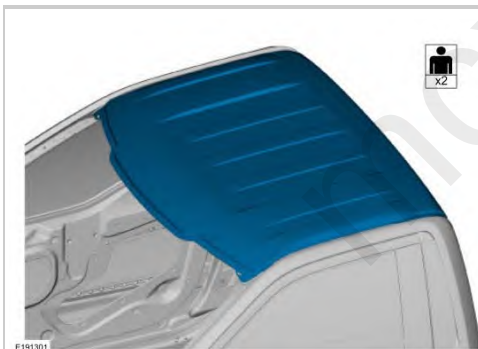
13.

Separate the roof outer panel from the rear header panel. Use the General Equipment: Knife



14.

With the help of an assistant, remove the roof outer panel.



15.



NOTE: Carefully grind the area smooth removing remaining portions of the factory laser weld. use caution to avoid thinning of the metal.

Using a grinder or air chisel, carefully remove the remaining portion of the roof panel flange and laser weld bead. Use the General Equipment: Grinder