REMOVAL AND INSTALLATION > FENDER APRON PANEL REINFORCEMENT

Special Tool(s) / General Equipment

6.5 mm Drill Bit
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, 3M™ 08115, Fusor® 108B	-

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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 fender apron panel reinforcement must be replaced at the factory seams. No sectioning procedure is approved or permitted.

NOTE: LH side shown in illustration, RH side similar.

1.

Remove the air cleaner assembly. Refer to: AIR CLEANER - 2.7L EcoBoost (238kW/324PS). Refer to: AIR CLEANER - 3.5L Duratec (209kW/284PS). Refer to: AIR CLEANER - 3.5L EcoBoost (272kW/370PS). Refer to: AIR CLEANER - 5.0L 32V Ti-VCT.

2.

Remove the front bumper. Refer to: Front Bumper .

3.

Remove the hood and the hood hinge on the repair side. Refer to: Hood .

4.

LH side. Refer to: Battery .

5.

Remove the fender and fender splash shield. Refer to: Fender Splash Shield . Refer to: Fender .

6.

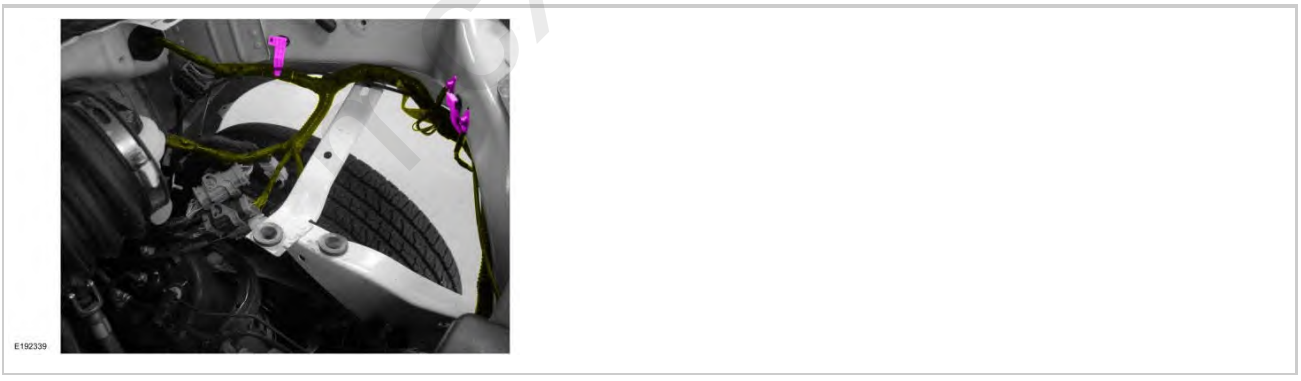
Remove the front door. Refer to: Front Door - Regular Cab/SuperCrew . Refer to: Front Door - SuperCab .

7.

Dimensionally restore the vehicle to a pre-damage condition. Refer to: Body and Frame .

8.

Position aside the wiring harness.



9.

Remove the lower fender bracket.

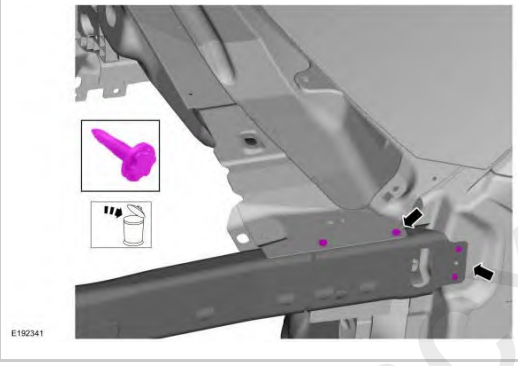
10.

Remove the cooling module. Refer to: COOLING MODULE - 2.7L EcoBoost (238kW/324PS). Refer to: COOLING MODULE - 3.5L Duratec (209kW/284PS). Refer to: COOLING MODULE - 3.5L EcoBoost (272kW/370PS). Refer to: COOLING MODULE - 5.0L 32V Ti-VCT.

11.

Remove and discard the FDS fasteners.

Use the General Equipment: Polydrive Bit Socket



12.

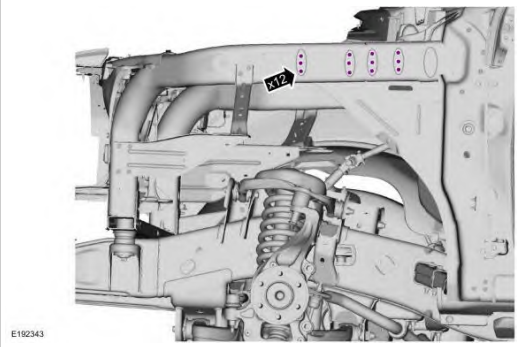
Remove the bolts.

13.

Remove the SPR fasteners.

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

Use the General Equipment: Belt Sander



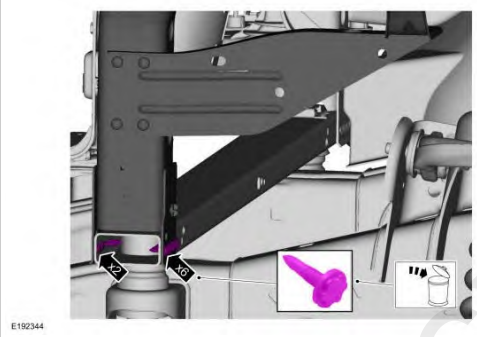
14.

Remove the FDS and SPR fasteners.

Use the General Equipment: Polydrive Bit Socket

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

Use the General Equipment: Belt Sander



15.

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Remove the fender apron panel reinforcement. Use the General Equipment: Hot Air Gun