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2003 FORD Focus C-Max OEM Service and Repair Workshop Manual

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Power Hood Anti-Pinch Switch - Electric

501-02 Front End Body Panels	2022 F-150
Removal and Installation	Procedure revision date: 04/22/2022

Power Hood Anti-Pinch Switch - Electric

Removal

NOTE

Removal steps in this procedure may contain installation details.

NOTE

RH (right-hand) side shown, LH (left-hand) side similar.

1. Remove the fender splash shield.

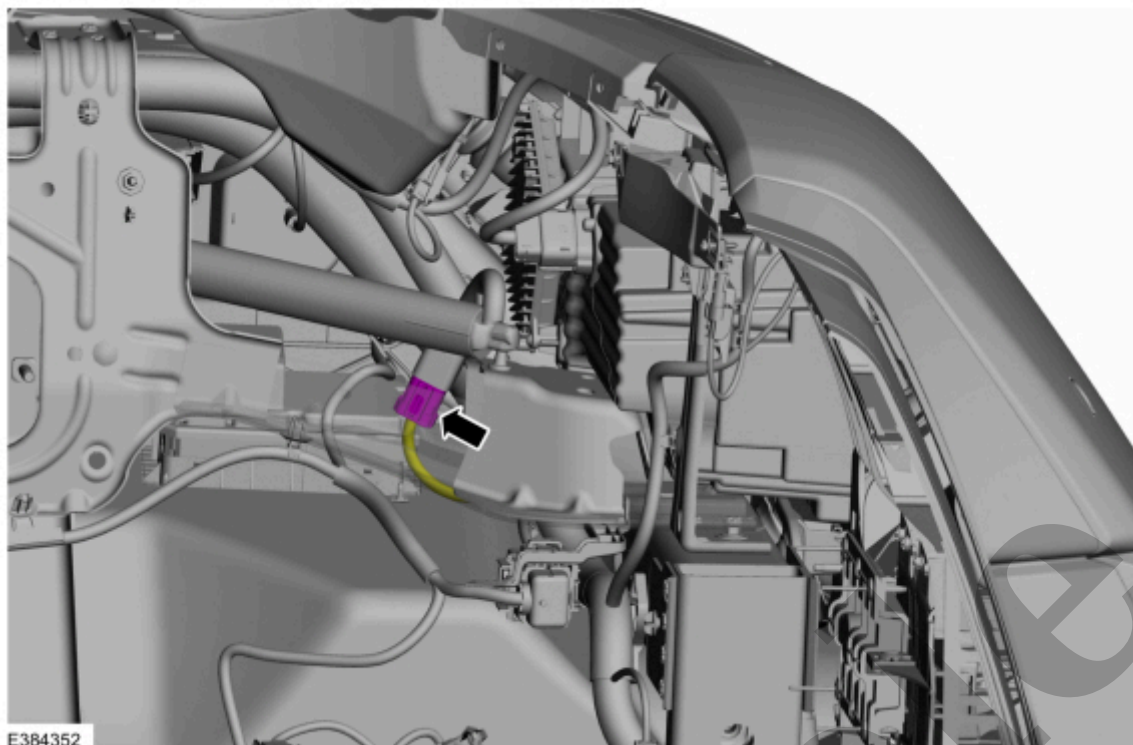
Refer to: [Fender Splash Shield](#)(501-02 Front End Body Panels, Removal and Installation).

2. Disconnect the power hood anti-pinch switch electrical connector.

1. To install, reverse the removal procedure.

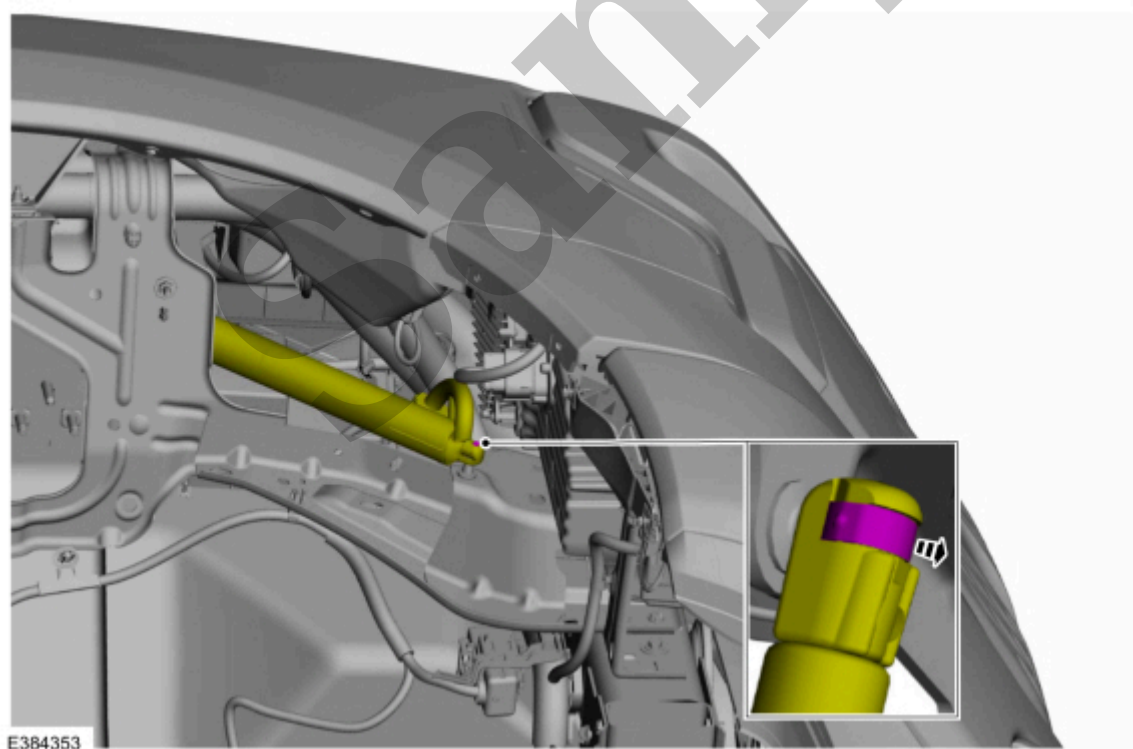
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Sample



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3. Release the clip and position aside the strut.



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Underhood Storage Compartment - Electric

501-02 Front End Body Panels	2022 F-150
Removal and Installation	Procedure revision date: 05/12/2022

Underhood Storage Compartment - Electric

Removal

NOTE

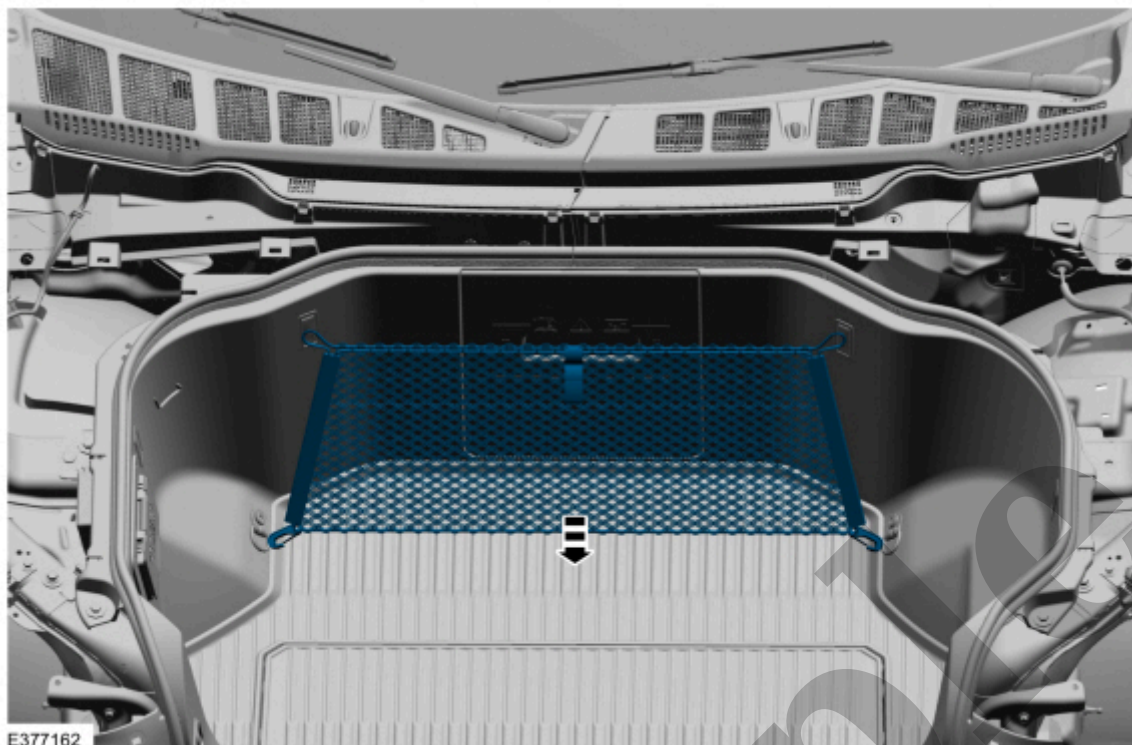
Removal steps in this procedure may contain installation details.

1. NOTE

On both sides.

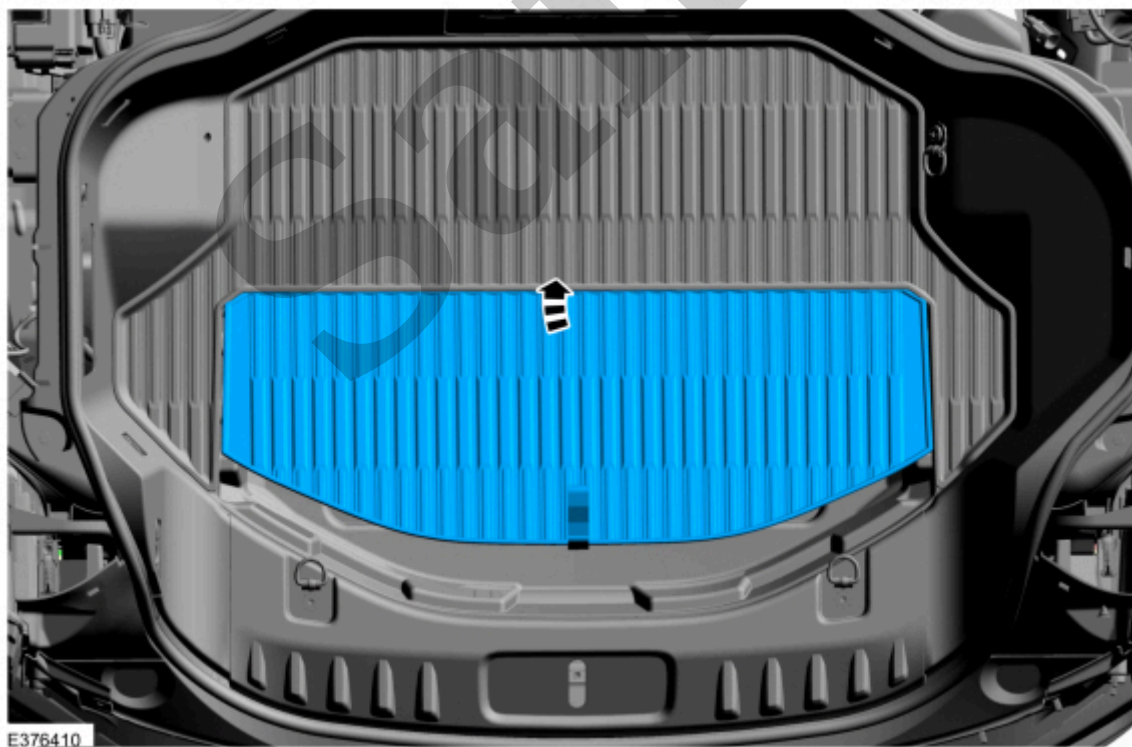
Remove the trim pins and the underhood front cargo cover.

Remove the luggage hold down net.

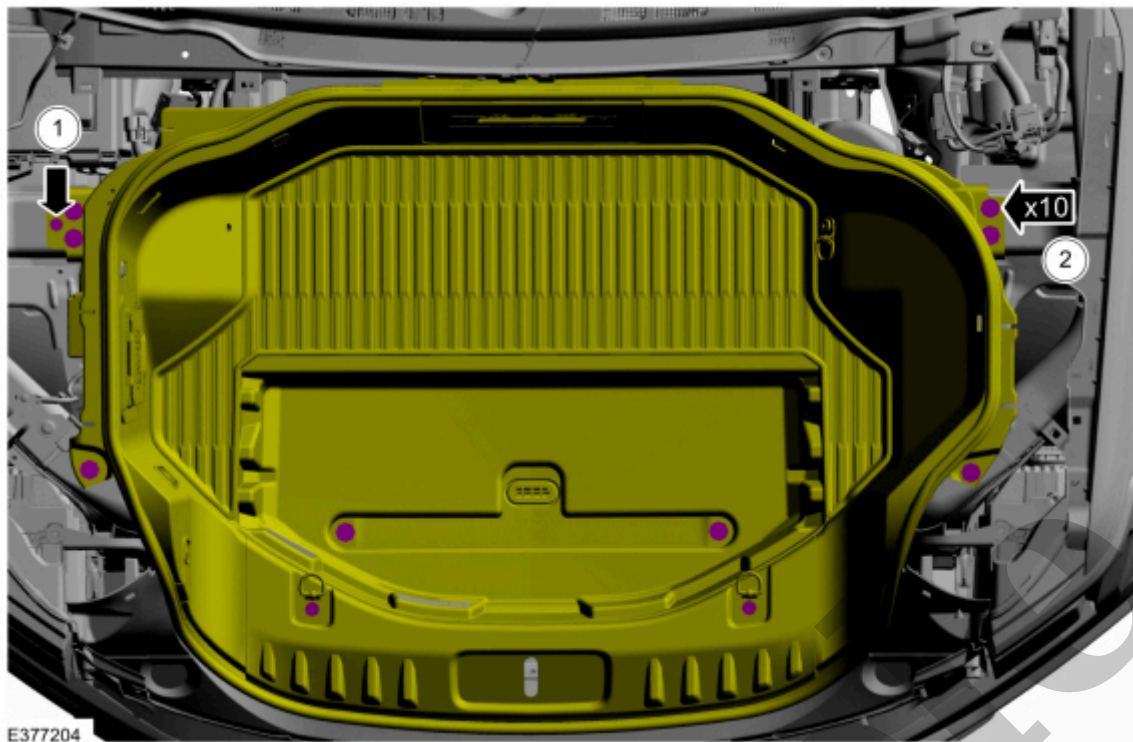


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4. Remove the load compartment floor storage cover.



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[Click here to learn about symbols, color coding, and icons used in this manual.](#)

2. To install, reverse the removal procedure.

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Refer to: [High Voltage System Health and Safety Precautions - Overview](#)(100-00 General Information, Description and Operation).

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.

2. Depower the SRS (supplemental restraint system) .

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

3. Verify the vehicle is dimensionally correct.

Refer to: [Body and Frame](#)(501-26 Body Repairs - Vehicle Specific Information and Tolerance Checks, Description and Operation).

4. On Both Sides:

Remove the fender apron panel reinforcement.

Refer to: [Fender Apron Panel Reinforcement](#)(501-27 Front End Sheet Metal Repairs, Removal and Installation).

5. Remove the cowl trim panel and cowl panel grille.

Refer to: [Cowl Panel](#)(501-02 Front End Body Panels, Removal and Installation).

Refer to: [Cowl Panel Grille](#)(501-02 Front End Body Panels, Removal and Installation).

6. Remove the wiper motor and linkage.

Refer to: [Windshield Wiper Motor](#)(501-16 Wipers and Washers, Removal and Installation).

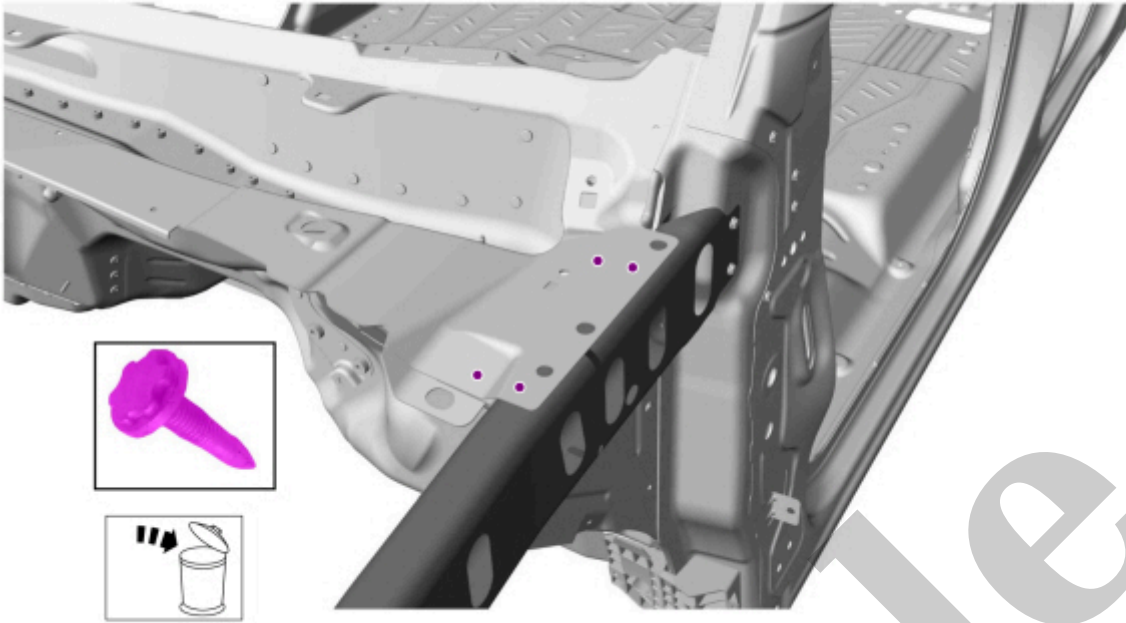
Refer to: [Wiper Linkage Assembly](#)(501-16 Wipers and Washers, Removal and Installation).

7. Remove the windshield.

Refer to: [Fixed Glass](#)(501-11 Glass, Frames and Mechanisms, General Procedures).

8. Remove the instrument panel.

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

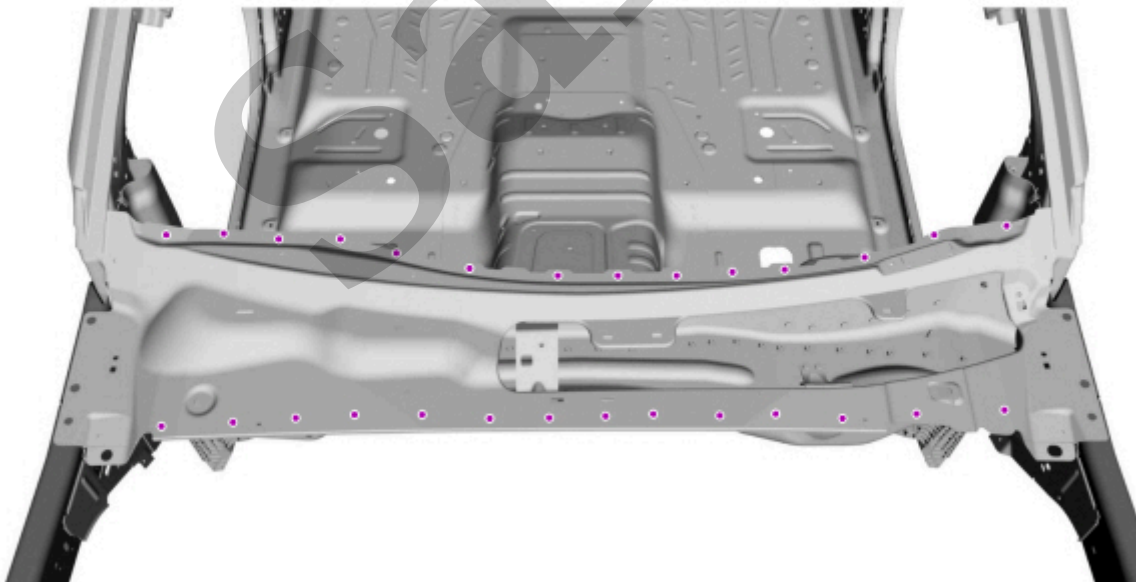


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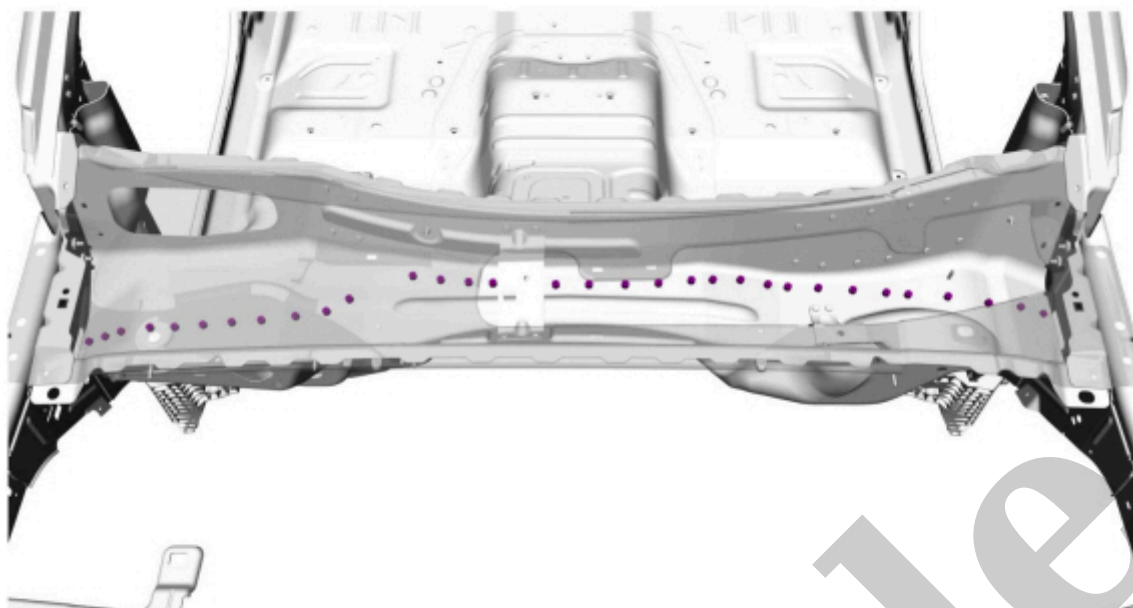
13. Remove the clinch type fasteners on the front and rear flanges of cowl panel.

Use the General Equipment: 6 mm Drill Bit



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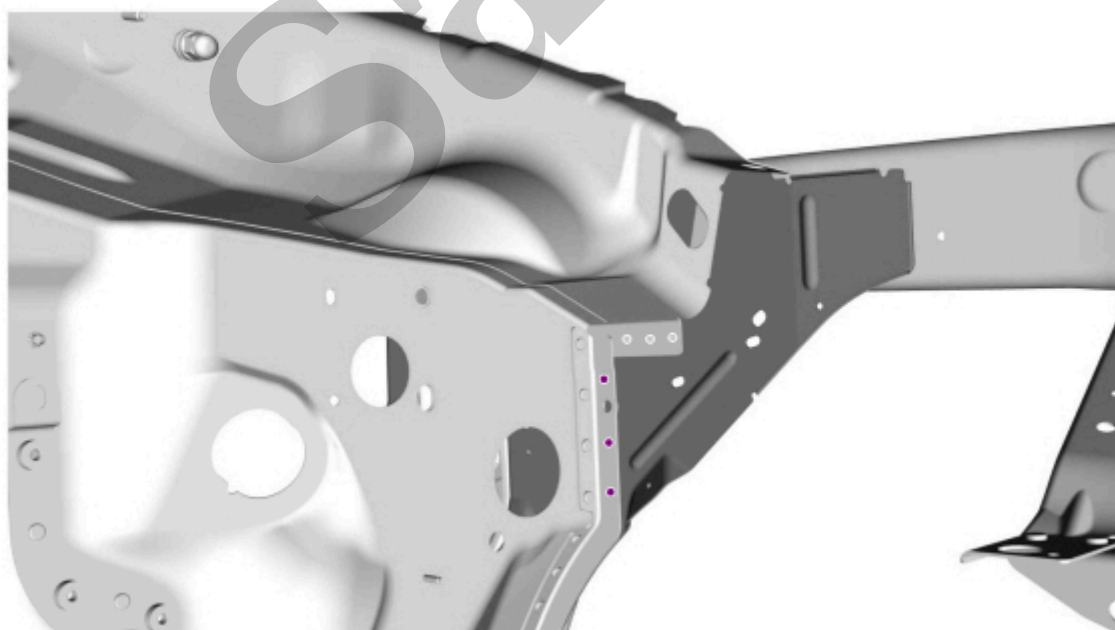
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16. Remove the SPR (self-piercing rivet) fasteners on the LH (left-hand) side.

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

Use the General Equipment: Belt Sander



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