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FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

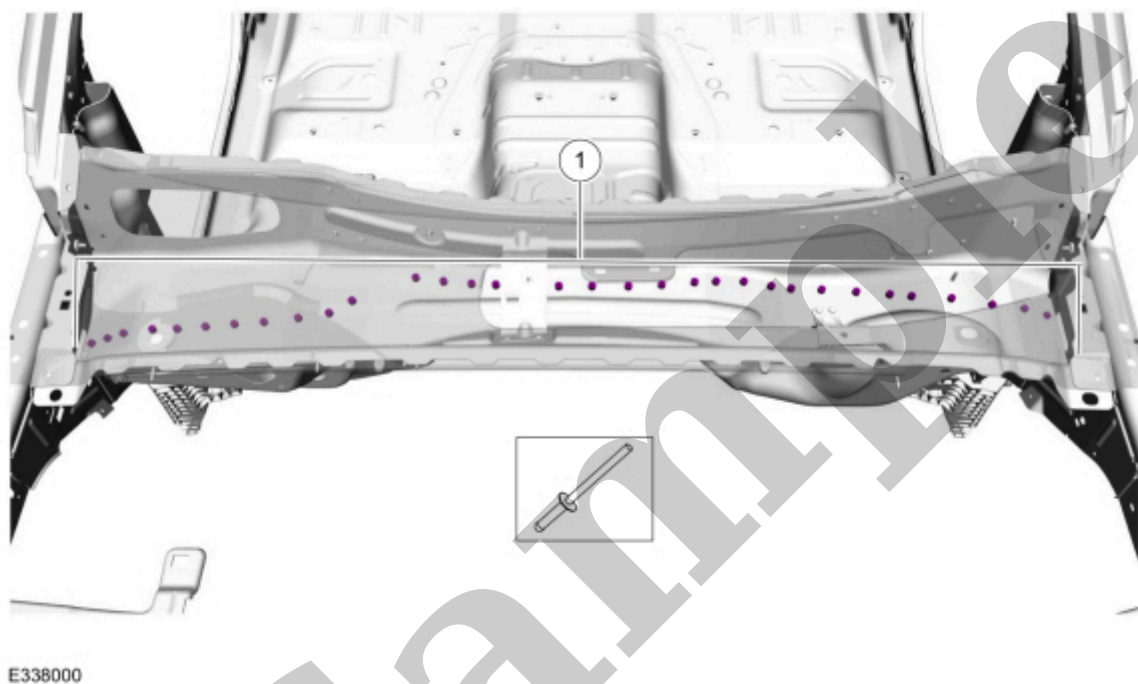
2008 FORD C-Max OEM Service and Repair Workshop Manual

[Go to manual page](#)

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1	-	-	-	-	W708777- S901	-	-

Use the General Equipment: Blind Rivet Gun

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



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

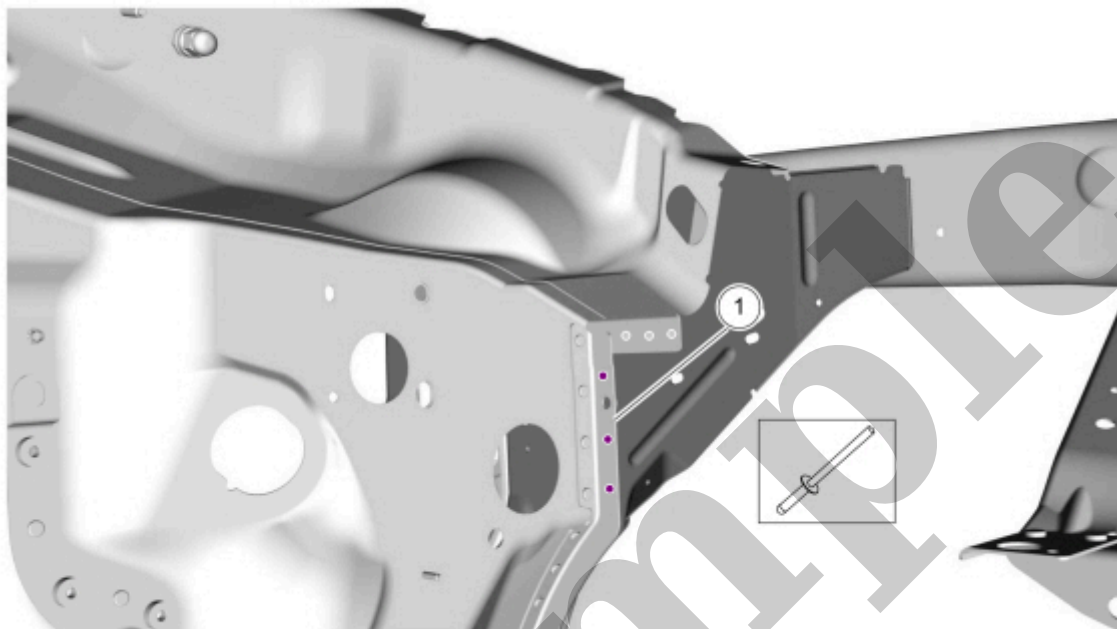
19. Drill for fasteners.

Use the General Equipment: 6.5 mm Drill Bit

1	-	-	-	-	W707638-S900C	-	-
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Use the General Equipment: Blind Rivet Gun

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E338001

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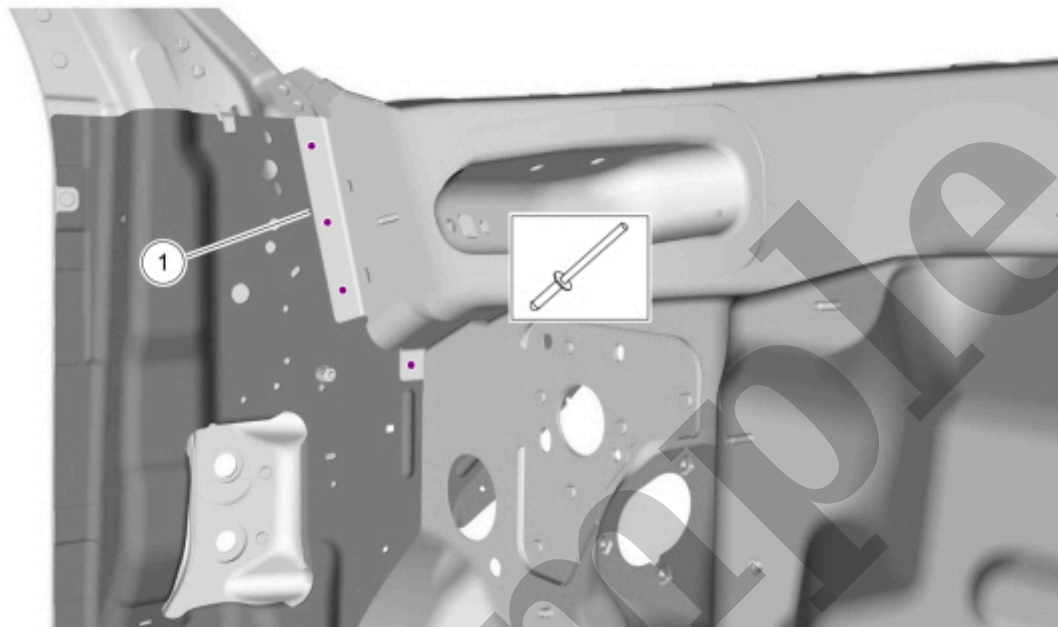
21. Drill for fasteners.

Use the General Equipment: 6.5 mm Drill Bit

1	-	-	-	-	W707638-S900C	-	-
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Use the General Equipment: Blind Rivet Gun

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



E338002

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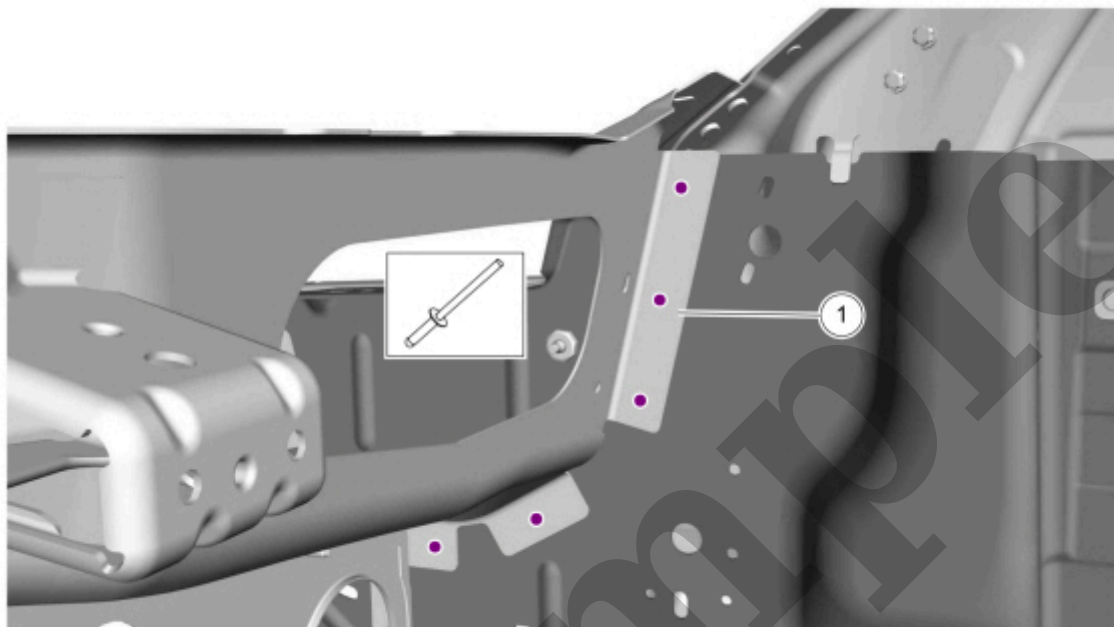
23. Drill for fasteners.

Use the General Equipment: 6.5 mm Drill Bit

1	-	-	-	-	W702512-S901	-	-
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Use the General Equipment: Blind Rivet Gun

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



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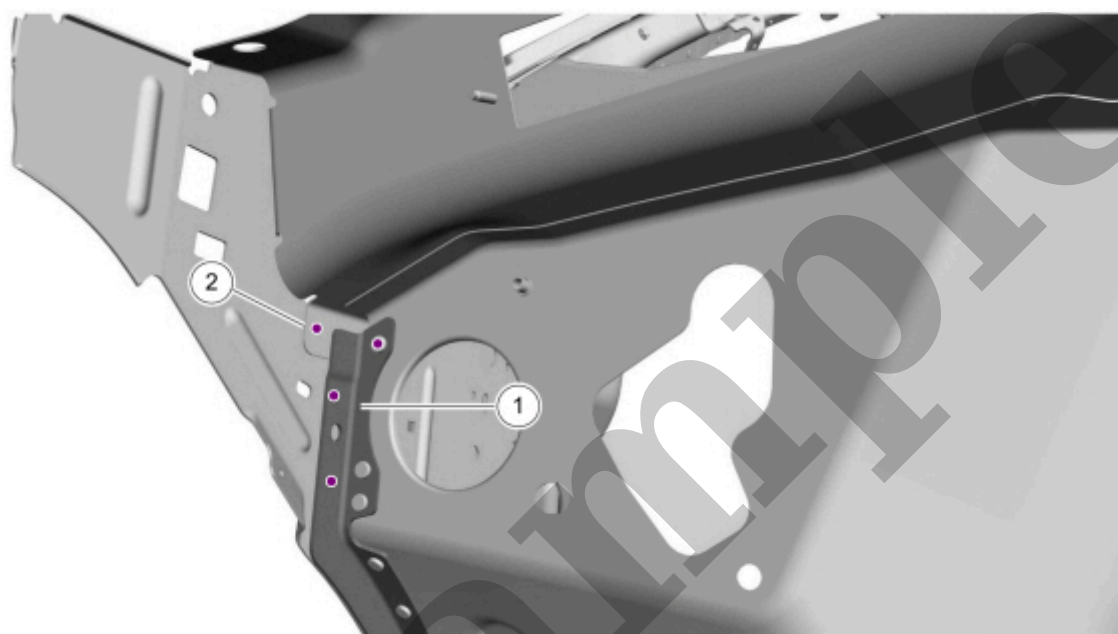
25. Drill for fasteners.

Use the General Equipment: 6.5 mm Drill Bit

1	-	-	-	-	W702512-S901	-	-
2	-	-	-	-	W707638-S900C	-	-

Use the General Equipment: Blind Rivet Gun

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



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27. Metal finish using typical repair techniques.

28. **On Both Sides:**

Install the fender apron panel reinforcement.

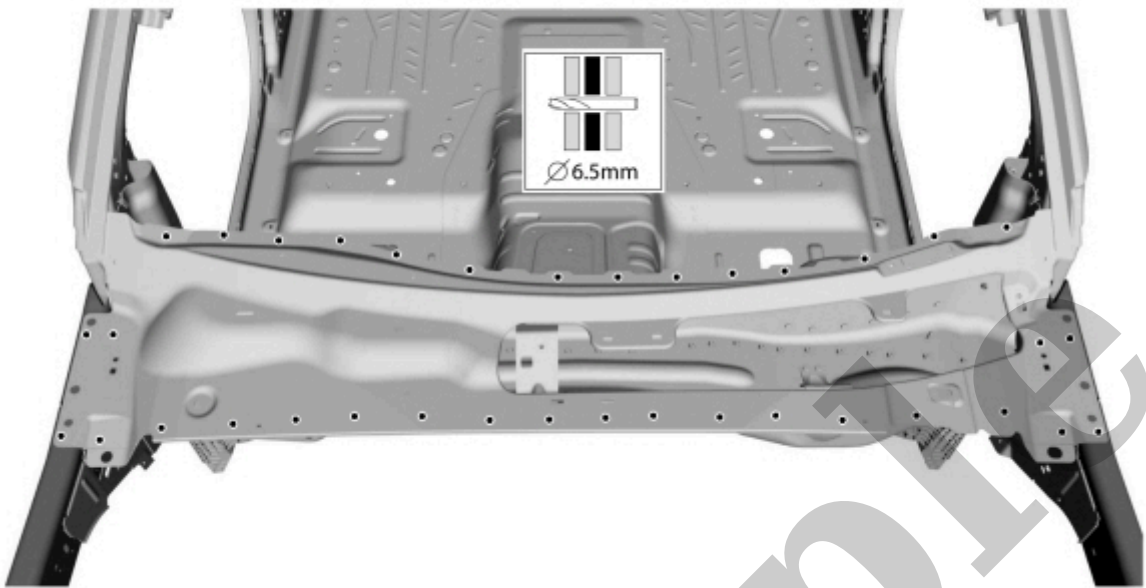
Refer to: [Fender Apron Panel Reinforcement](#)(501-27 Front End Sheet Metal Repairs, Removal and Installation).

29. Apply adhesive.

Material : Metal Bonding Adhesive / TA-1, TA-1-B, 3M™ 08115, LORD Fusor® 108B, Henkel Teroson EP 5055

31. Drill for rivet fasteners.

Use the General Equipment: 6.5 mm Drill Bit



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32. **NOTE**

Do not install SPR (self-piercing rivet) fasteners directly in old SPR (self-piercing rivet) fastener location. SPR (self-piercing rivet) fasteners must be installed adjacent to the original location matching original quantity.

NOTE

Solid rivets or blind rivet fasteners may be used in place of SPR (self-piercing rivet) fasteners after enlarging existing holes to 6.5 mm.

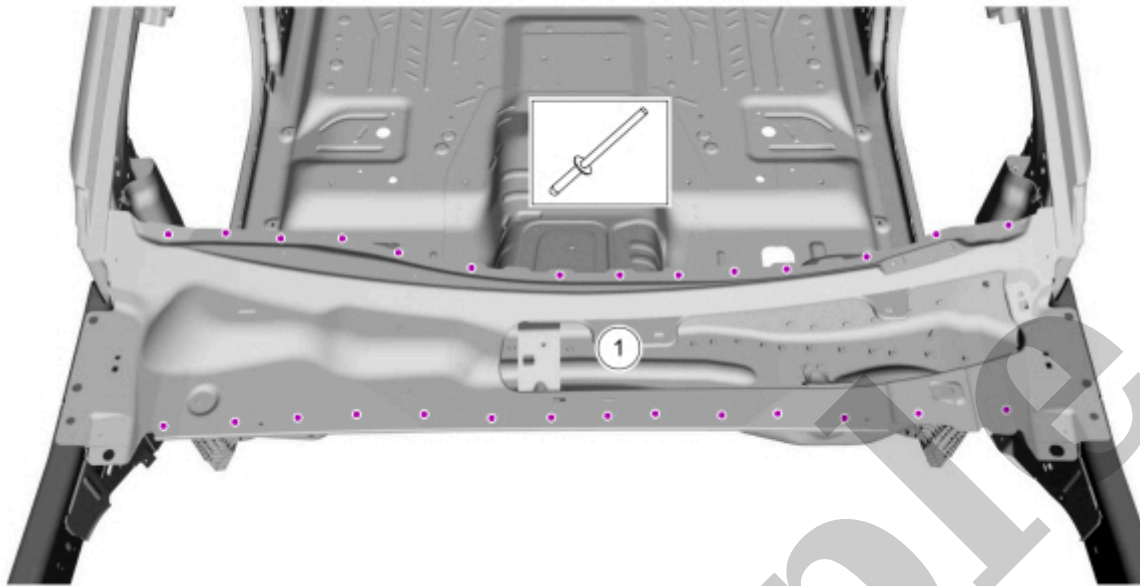
On Both Sides:

Install the fasteners.

Item	SPR (self-piercing	SPR (self-piercing	Henrob® Car-O-Liner®, CMO®, Chief®, Spanesi®	Pro-Spot® Mandrel	Blind Rivet	Solid Rivet	Rivnut®
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Use the General Equipment: Blind Rivet Gun

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



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34. Seam Sealing:

All seams must be sealed to production level.

35. Refinish the repair area using a Ford approved paint system.

36. Install the A-pillar reinforcement and outer panel.

Refer to: [A-Pillar Outer Panel Section and Reinforcement](#)(501-29 Side Panel Sheet Metal Repairs, Removal and Installation).

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

37. Install the instrument panel.

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

38. Install the windshield.

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

39. Install the master cylinder.

Refer to: [Brake Fluid Reservoir](#)(206-06 Hydraulic Brake Actuation, Removal and Installation).



Dash Panel

<i>501-27 Front End Sheet Metal Repairs</i>	<i>2022 F-150</i>
<i>Removal and Installation</i>	<i>Procedure revision date: 09/25/2020</i>

Dash Panel

Removal

WARNING

Electric vehicles damaged by a crash may have compromised high voltage safety systems and present a potential high voltage electrical shock hazard. Exercise caution and wear appropriate Personal Protective Equipment (PPE) safety gear, including high voltage safety gloves and boots. Remove all metallic jewelry, including watches and rings. Isolate the HV system as directed by the Ford Emergency Response Guide for the vehicle. Failure to follow these instructions may result in serious personal injury or death.

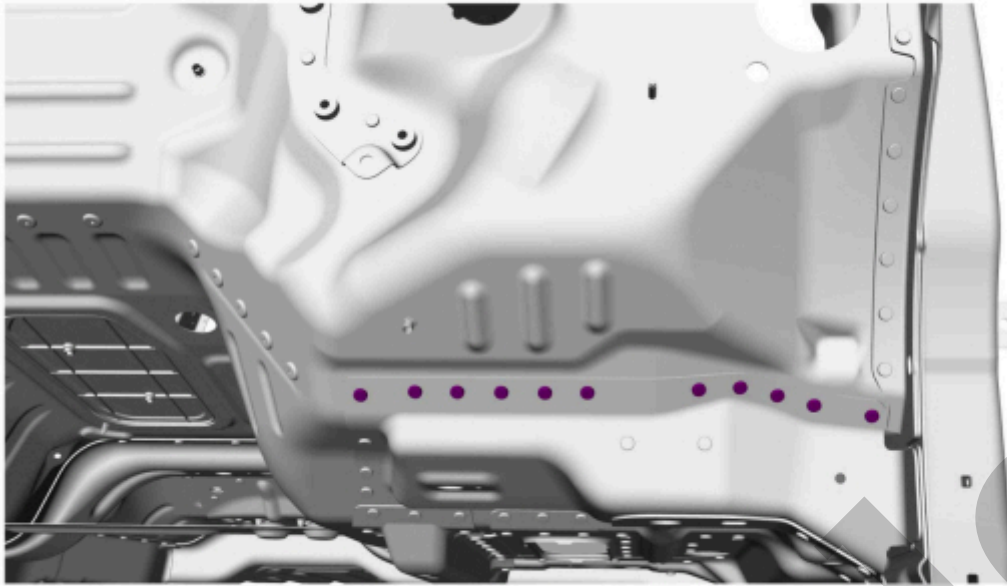
NOTICE

Battery electric vehicle (BEV), hybrid electric vehicle (HEV) and plug-in hybrid electric vehicle (PHEV) contain a high-voltage battery. Before cutting or welding near the high-voltage battery it must be removed to avoid damage.

1. WARNING

Before beginning any service procedure in this manual, refer to health and safety warnings in section 100-00 General Information. Failure to follow this instruction may result in serious personal injury.

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



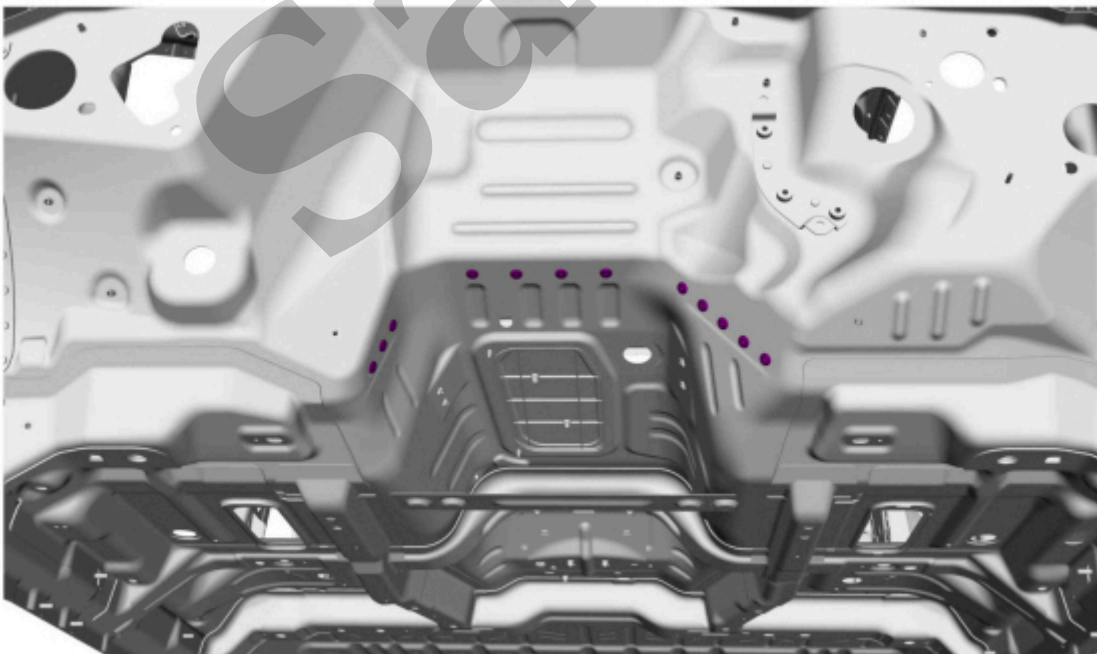
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7. Remove the fasteners.

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

Use the General Equipment: Belt Sander



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