

# Your Ultimate Source for OEM Repair Manuals

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## 2013 FORD C-Max OEM Service and Repair Workshop Manual

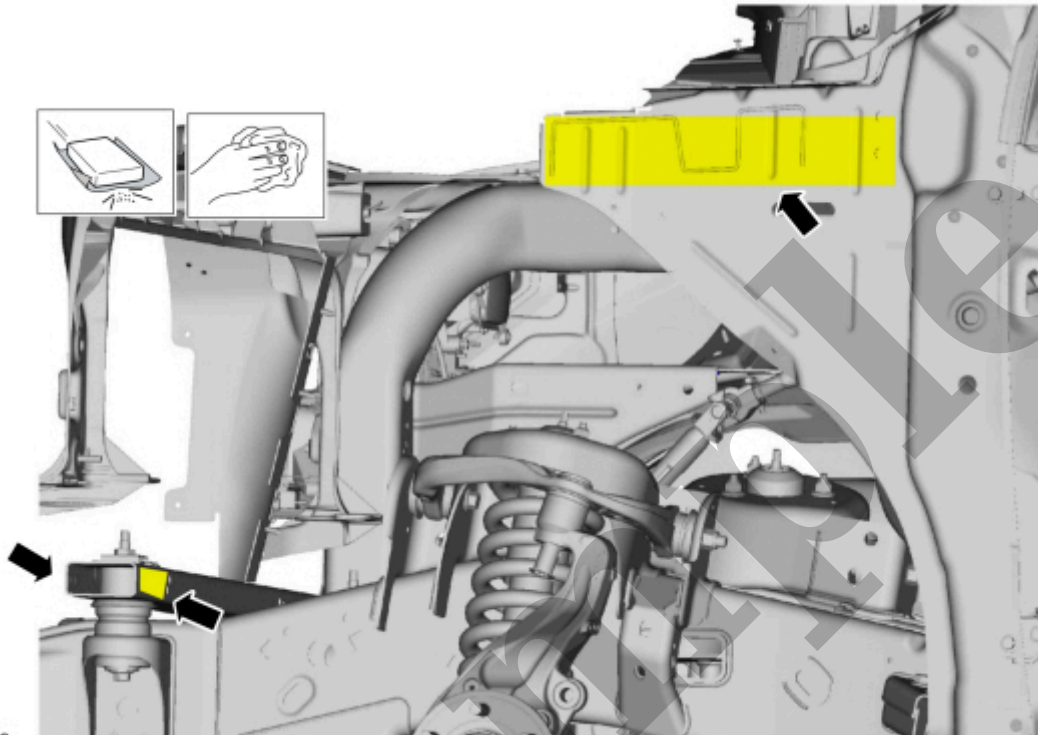
[Go to manual page](#)

## NOTE

Left hand (LH) side shown, right hand (RH) side similar.

### All vehicles

1. Sand to remove old adhesive using 80-120 grit sandpaper and clean.



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2. Sand to remove e-coat

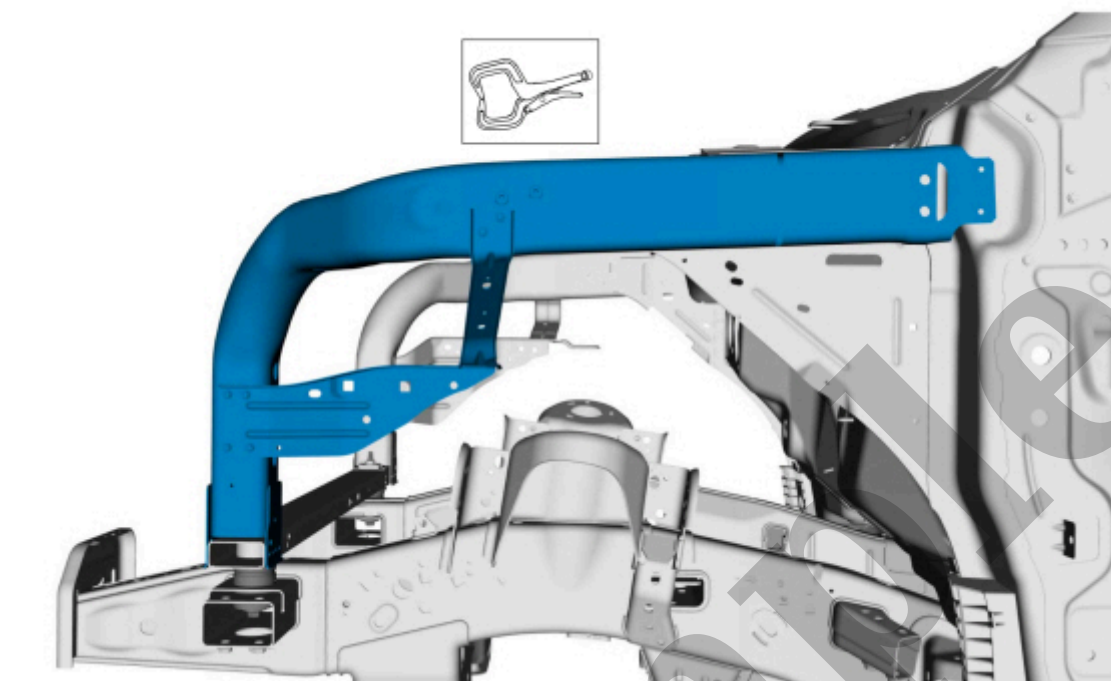
**in the mating surface area only**

using 80-120 grit sandpaper and clean.

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4. Install, properly position and clamp the fender apron panel reinforcement assembly.

Use the General Equipment: Locking Pliers



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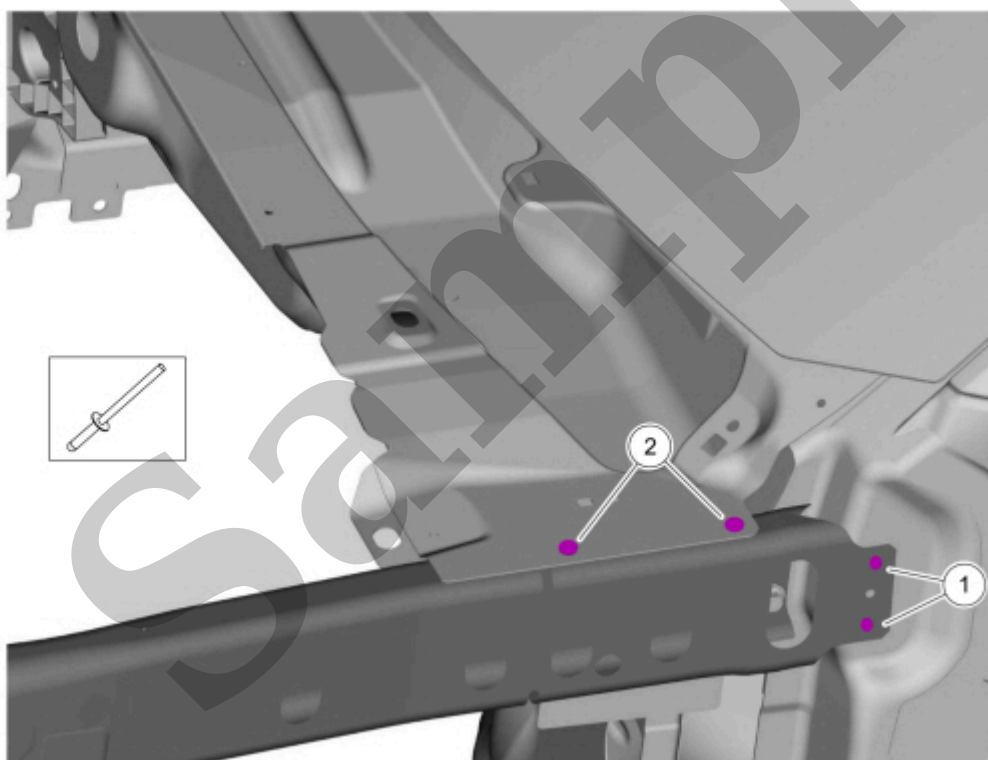
5. Install the bolts.

**Torque** : 22 lb.ft (30 Nm)

7. Install blind rivet fasteners.

Item	SPR (self-piercing rivet) Number	SPR (self-piercing rivet) Code	Henrob®, Car-OLiner®, CMO®, Chief®, Spanesi®, Wielander and Schill® Mandrel	Pro-Spot® Mandrel	Blind Rivet	Solid Rivet	Rivnut®
1	-	-	-	-	W708777-S900C	-	-
2	-	-	-	-	W702512-S900C	-	-

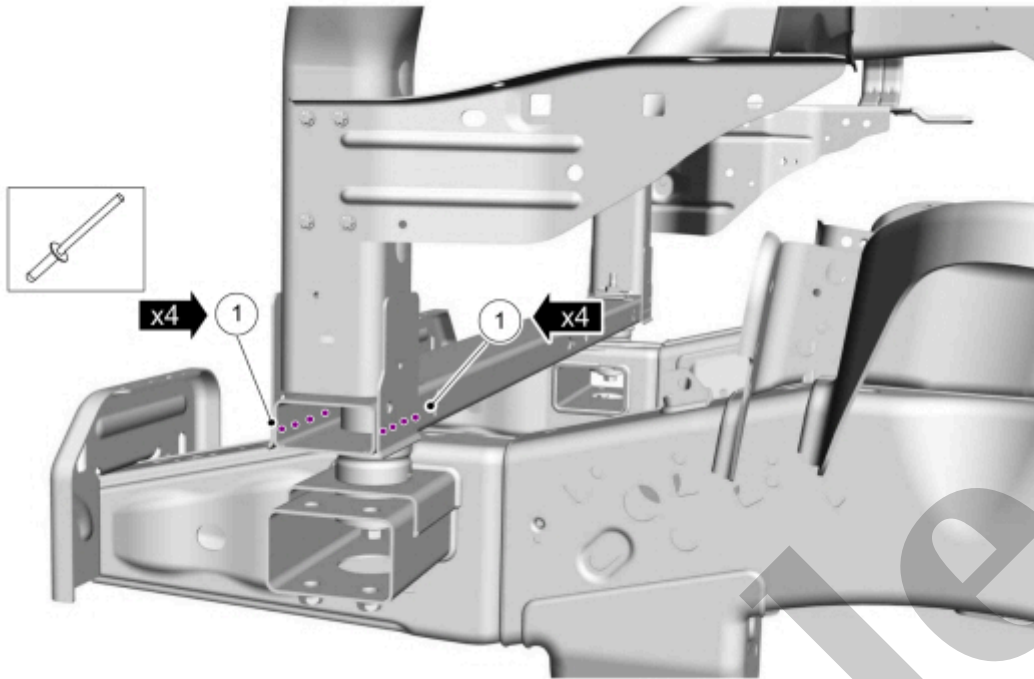
Use the General Equipment: Blind Rivet Gun



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8. Drill rivet holes as indicated.

Use the General Equipment: 6.5 mm Drill Bit

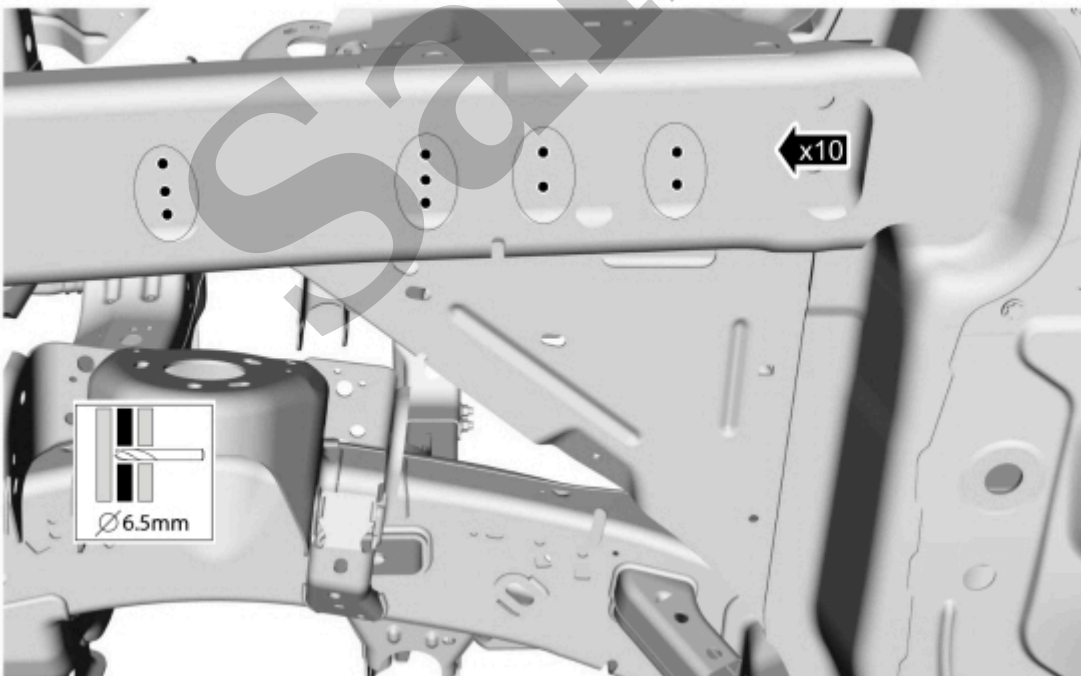


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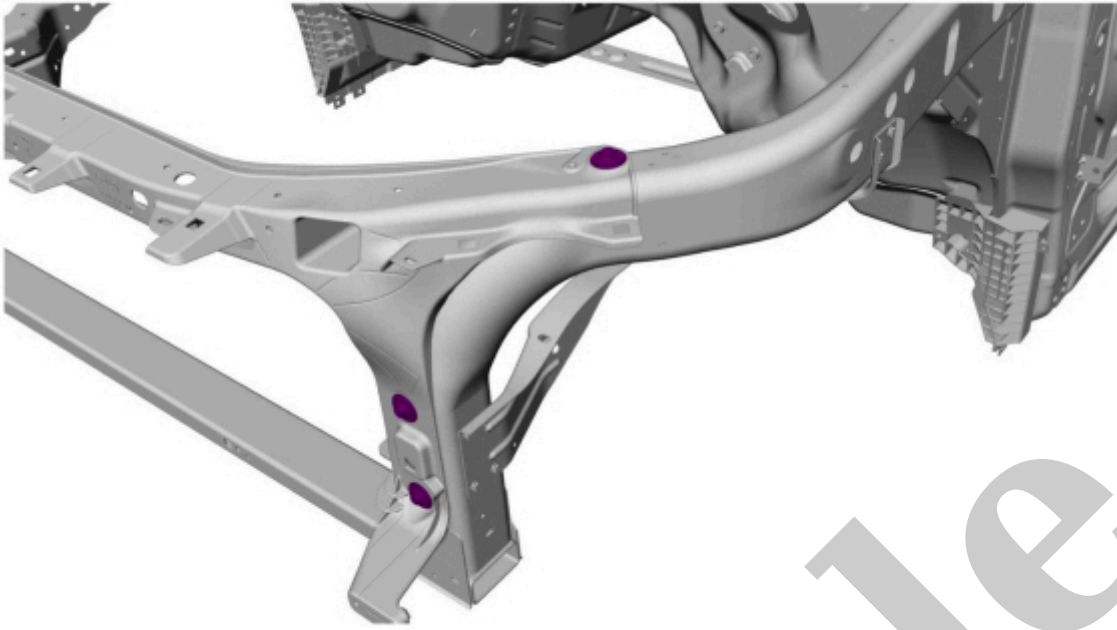
10. Drill rivet holes as indicated.

Use the General Equipment: 6.5 mm Drill Bit



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13. Sealing work: All areas must be sealed to production level.

**Material** : Seam Sealer / TA-2-B, 3M™ 08308, LORD Fusor® 803DTM

14. Refinish the repair using a Ford approved paint system.

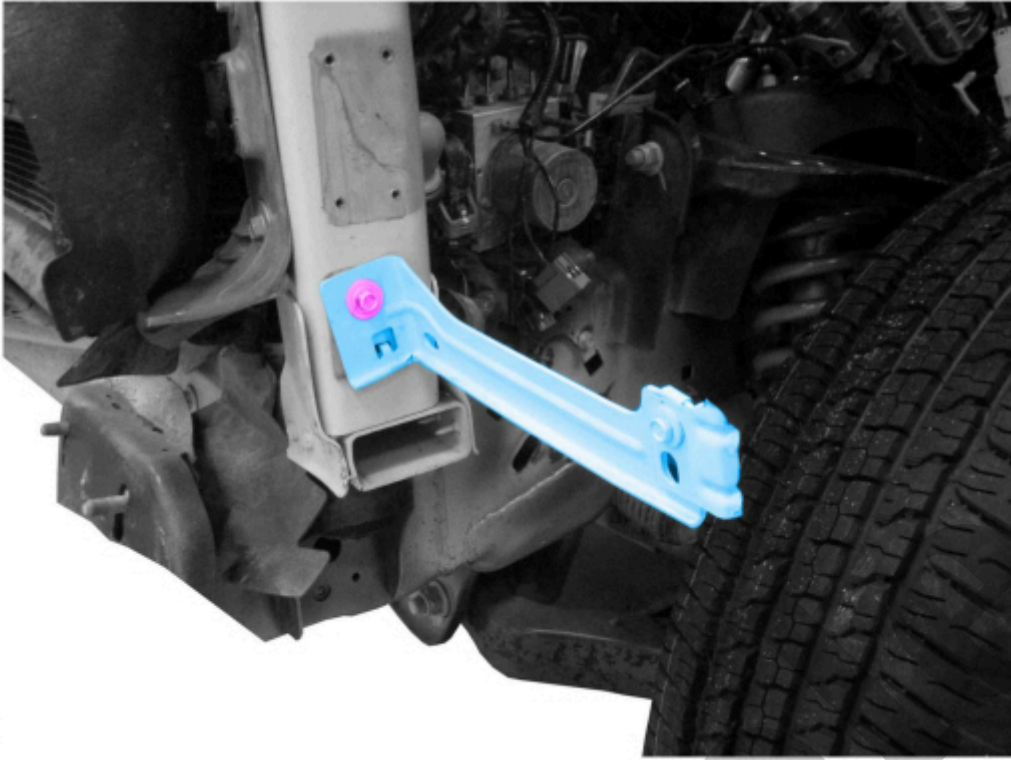
#### **Electric**

15. Install the bracket and fasteners.

**Torque** :

1: 71 lb.in (8 Nm)

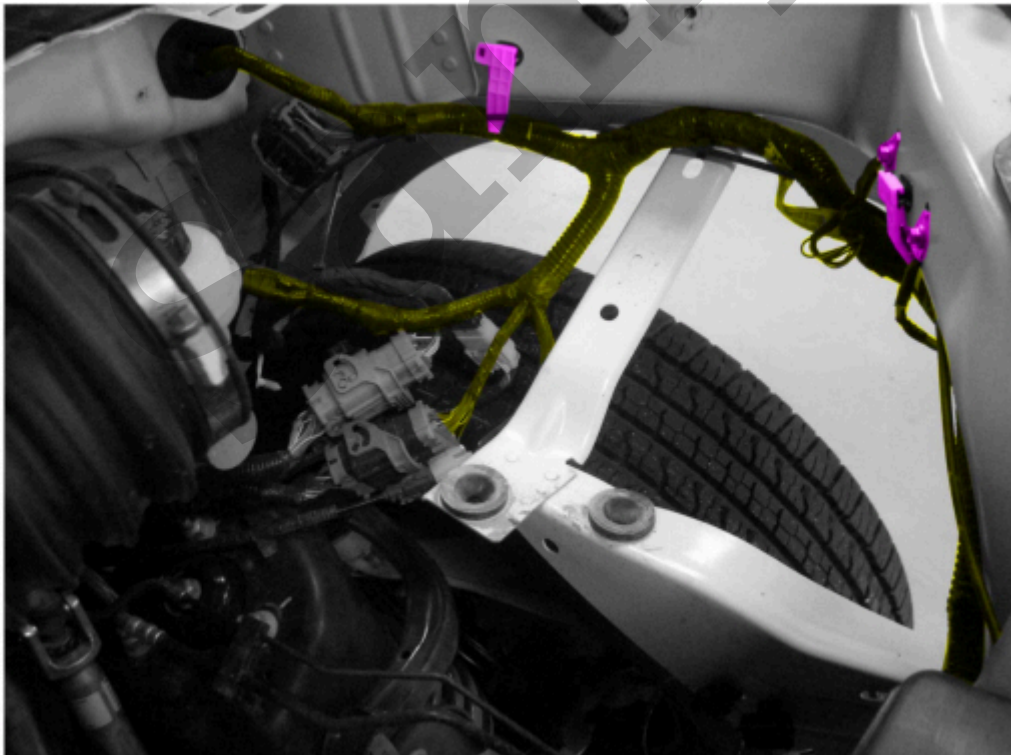
2: 18 lb.ft (25 Nm)



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18. Reposition the wiring harness assembly to original location.



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**Diesel/Flex Fuel – Ethanol/Full Hybrid Electric Vehicle (FHEV)/Gasoline**

Refer to: [Underhood Storage Compartment - Electric](#)(501-02 Front End Body Panels, Removal and Installation).

### All vehicles

26. Align the hood and front door.

Refer to: [Front Door Alignment - Regular Cab/SuperCrew](#)(501-03 Body Closures, General Procedures).

Refer to: [Front Door Alignment - SuperCab](#)(501-03 Body Closures, General Procedures).

Refer to: [Hood Alignment](#)(501-03 Body Closures, General Procedures).

27. Repower the SRS (supplemental restraint system) .

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

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Sample



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.

## NOTE

The radiator support must be replaced at the factory seams. No sectioning procedure is approved or permitted.

### 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. Remove the fenders.

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

### 5. Remove the front bumper.

Refer to: [Front Bumper](#)(501-19 Bumpers, Removal and Installation).

### 6. Remove the cooling module.

Refer to: [Cooling Module](#)(303-03A Engine Cooling - 2.7L EcoBoost (238kW/324PS), Removal and Installation).

Refer to: [Cooling Module](#)(303-03B Engine Cooling - 3.3L Duratec-V6, Removal and Installation).

Refer to: [Cooling Module](#)(303-03C Engine Cooling - 3.5L EcoBoost (BM), Removal and Installation).

### 7. On Both Sides:

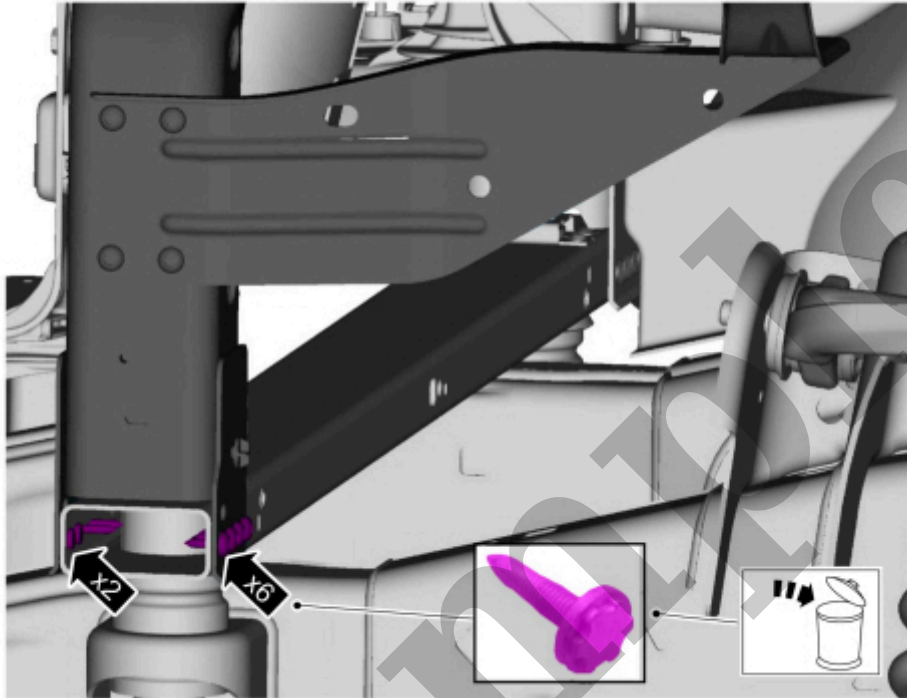
9. On Both Sides:

Remove the FDS (flow drill screw) and SPR (self-piercing rivet) fasteners.

Use the General Equipment: Polydrive Bit Socket

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

Use the General Equipment: Belt Sander



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10. On Both Sides:

Remove the body mount bolts.